RHI JAN 2016

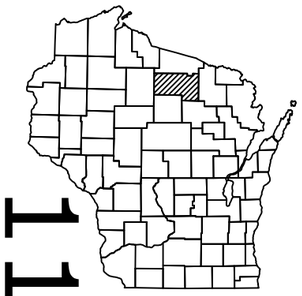
PROJECT ID: WITH: 1177-11-70

COUNTY: ONEIDA

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 812



N

DESIGN DESIGNATION 1177-10-70

A.A.D.T.	2016	=	6,800
A.A.D.T.	2036	=	8,700
D.H.V.		=	1,818
D.D.		=	68/32
T.		=	13.8%
DESIGN SPEED		=	70 MPH
ESALS		=	

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

TOMAHAWK - MINOCQUA

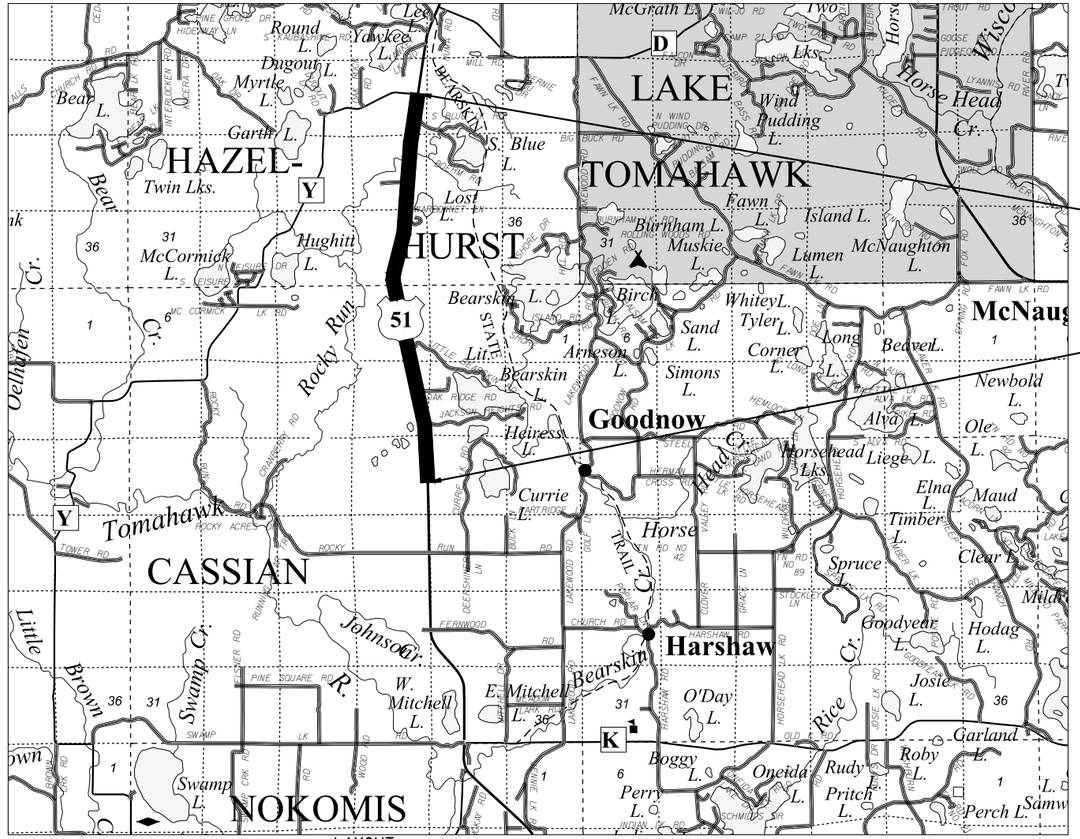
ROCKY RUN ROAD - CTH Y

USH 51

ONEIDA COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1177-11-70	WISC 2016009	1

STATE PROJECT NUMBER
1177-11-70



LAYOUT

SCALE 0 2 MILE

TOTAL NET LENGTH OF CENTERLINE = 5.42

END PROJECT 1177-11-70
STA 1133+00

BEGIN PROJECT 1177-11-70
STA 847+00

X = 186537.1012
Y = 182944.2894

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	
Designer	FORREST VAN ASTEN
Project Manager	MICHAEL GRAGE
Regional Examiner	DAN TYLER
Regional Supervisor	MICHAEL WENDT

APPROVED FOR THE DEPARTMENT

DATE: 11/05/15 (Signature)

E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\010101_TI.DWG
LAYOUT NAME - 010101-TI

PLOT DATE : 10/20/2015 4:56 PM

PLOT BY : VAN ASTEN, FORREST APLOT NAME :

WISDOT/CADDS SHEET 10

2

GENERAL NOTES

1. PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, FIELD ENTRANCES & SIDE ROADS SHALL BE RESTORED IN KIND OR AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER.

2. CONSTRUCTION LIMITS ON PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, FIELD ENTRANCES AND SIDE ROADS SHALL BE AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER.

3. DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE FERTILIZED, SEEDED AND MULCHED OR COVERED WITH EROSION MAT AS DIRECTED BY THE ENGINEER.

4. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

5. PERMANENT SIGNING STATIONING WAS CALCULATED FROM THE PHOTOLOG AND MAY BE PLUS OR MINUS 50 FEET.

6. ALL CURB AND GUTTER RADII ARE REFERENCED TO FLANGE LINE OF CURB AND GUTTER.

7. ALL QUANTITIES, NOTES, AND REFERENCES TO USH 51 MAINLINE STATIONING REFERS TO THE PROPOSED ALIGNMENT, NOT THE EXISTING ALIGNMENT.

8. ALL CULVERT TRENCHES EXCAVATED WITHIN THE USH 51 TRAVELED WAY MUST BE BACKFILLED, HAVE BASE AGGREGATE DENSE 1-1/4 INCH PLACED BACK TO EXISTING DEPTHS, AND BE PAVED WITH 4" THICK ASPHALTIC SURFACE TEMPORARY BEFORE RE-OPENING TO TRAFFIC.

9. ALL USH 51 SURFACES THAT ARE DISTURBED DURING CONSTRUCTION AND THAT ARE OPEN TO TRAFFIC MUST HAVE AN ASPHALTIC SURFACE PAVED BY THE END OF EACH WORKING DAY.

UTILITIES

CALVIN KLADE
FRONTIER COMMUNICATIONS OF WISCONSIN
(715) 847-1525

CLAYTON VIRCKS
WISCONSIN PUBLIC SERVICE CORPORATION
(715) 848-7317

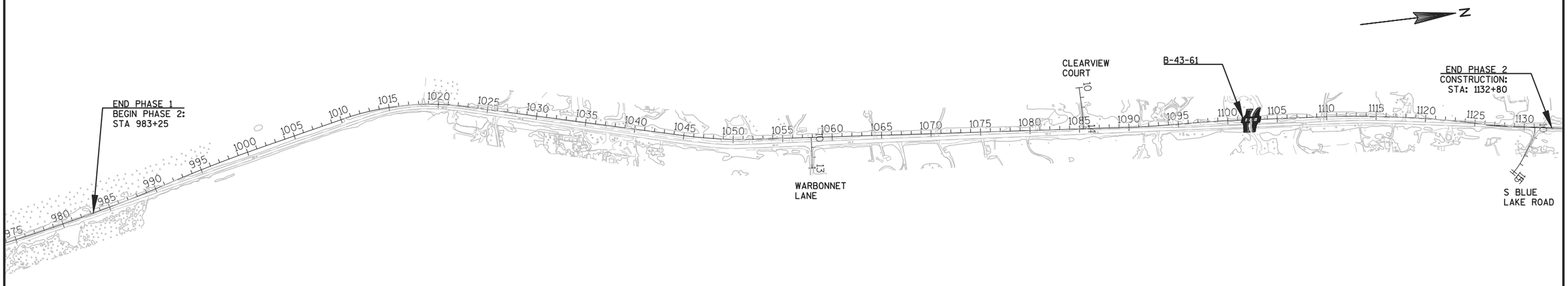
WISCONSIN DEPARTMENT OF NATURAL RESOURCES

NORTHERN REGION HEADQUARTERS
107 SUTLIFF AVENUE
RHINELANDER, WI 54501
JON SIMONSEN
(715) 365-8916

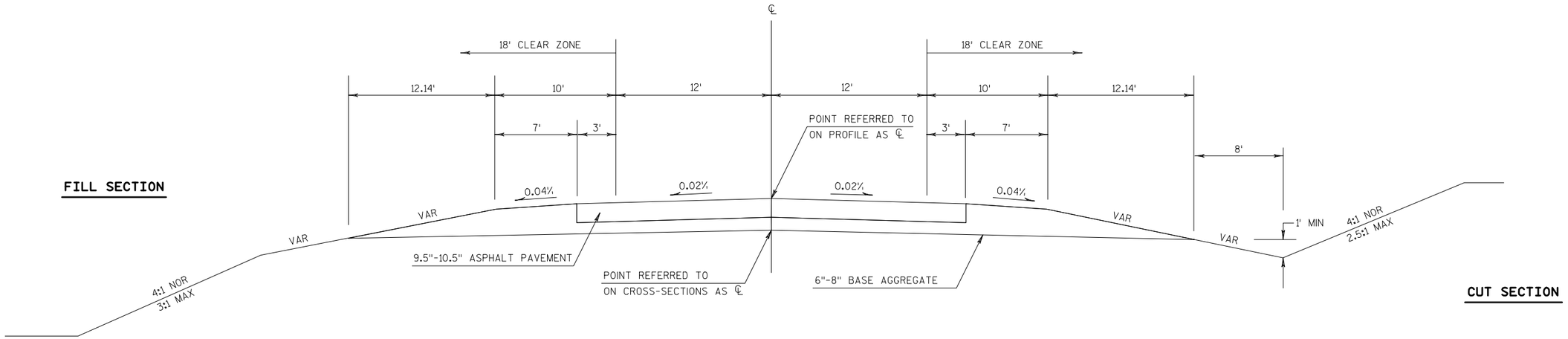
DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

2



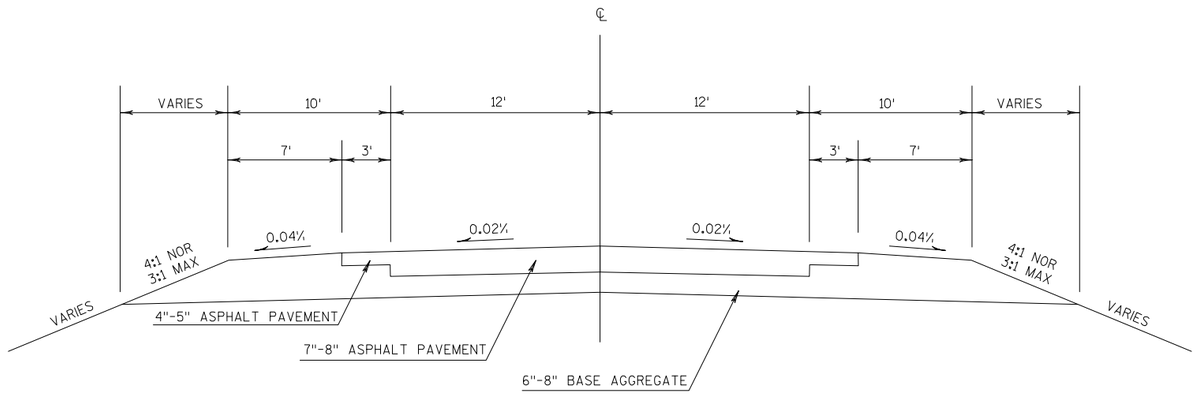


PROJECT NO: 1177-11-70	HWY: STH 51	COUNTY: ONEIDA	PROJECT OVERVIEW	SHEET 3	E



EXISTING TYPICAL SECTION

STA 847+00 - STA 880+00



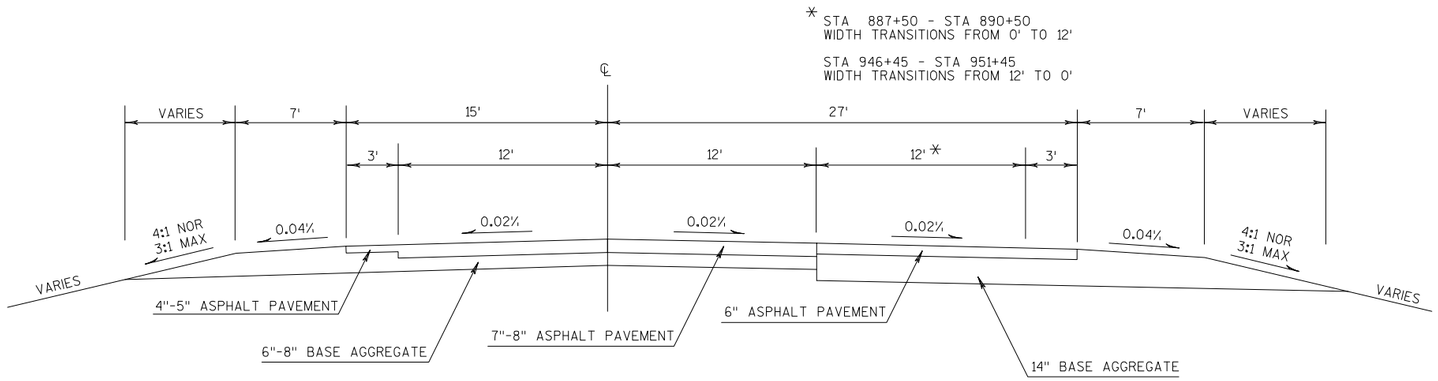
EXISTING TYPICAL SECTION

STA 880+00 - STA 887+50
STA 951+45 - STA 1031+30
STA 1095+50 - STA 1099+00
STA 1107+00 - STA 1153+00

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: TYPICAL SECTION	SHEET 4	E

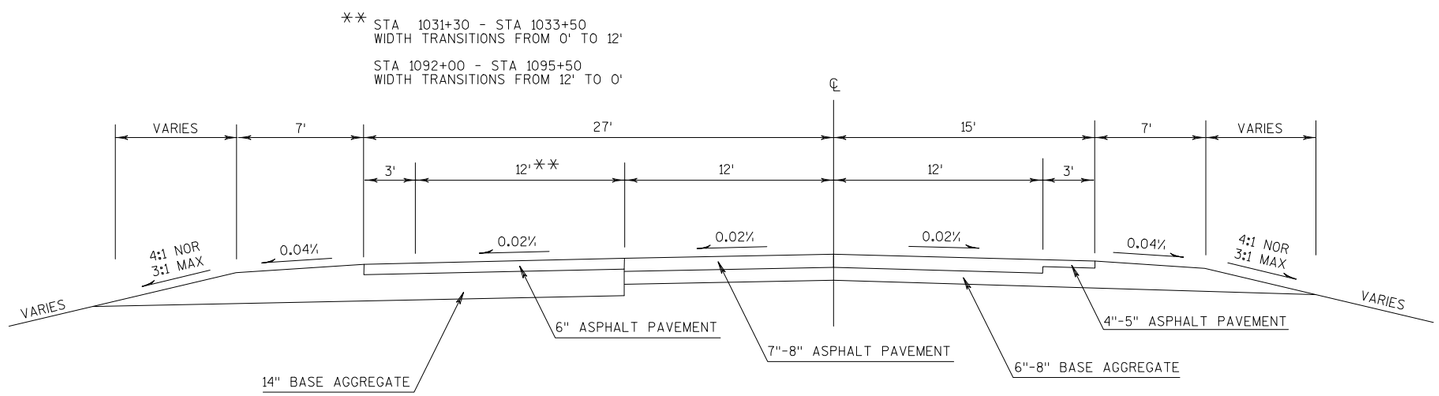
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TYPICAL SECTIONS\NEW\TYPICAL_SECTIONS_NEW_PAVEMENT_DESIGN.DWG PLOT DATE : 11/5/2015 1:28 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2



EXISTING TYPICAL SECTION

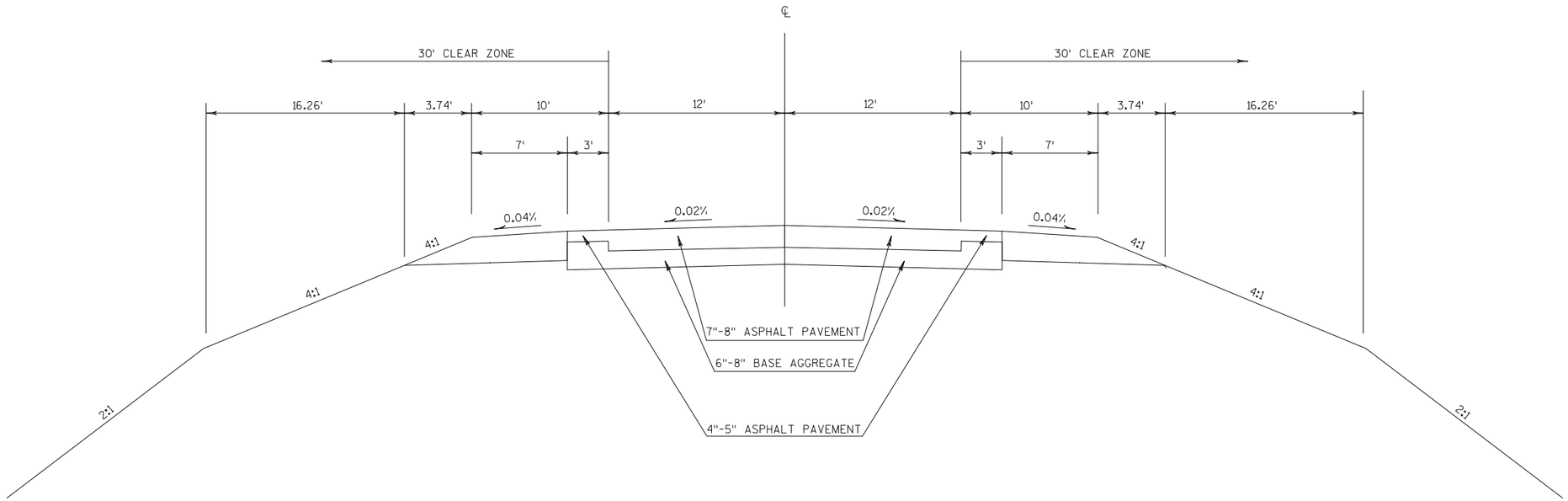
STA 887+50 - STA 951+45



EXISTING TYPICAL SECTION

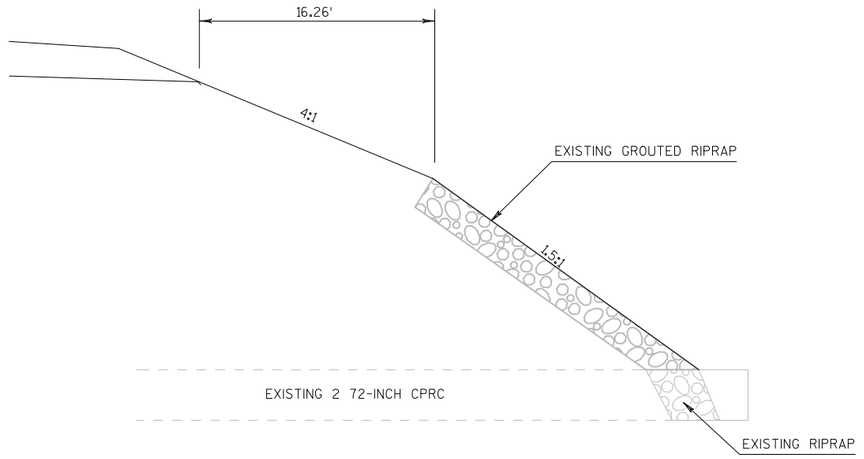
STA 1031+30 - STA 1095+50

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: TYPICAL SECTION	SHEET 5	E



EXISTING TYPICAL SECTION

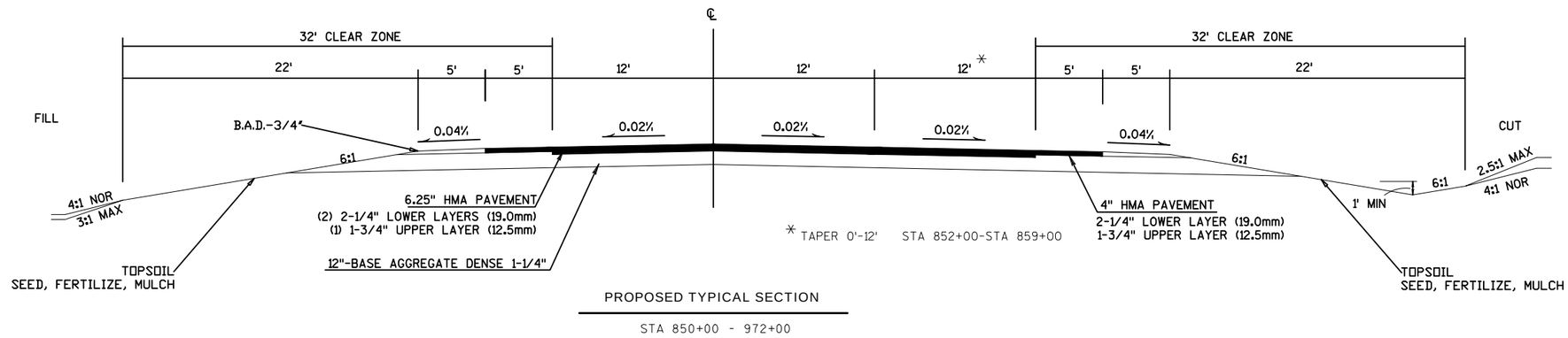
STA 1099+00 - STA 1107+00



EXISTING GROUTED MEDIUM RIPRAP

STA 1102+25- STA 1102+65 LT & RT

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: TYPICAL SECTION	SHEET 6	E



PROPOSED TYPICAL SECTION

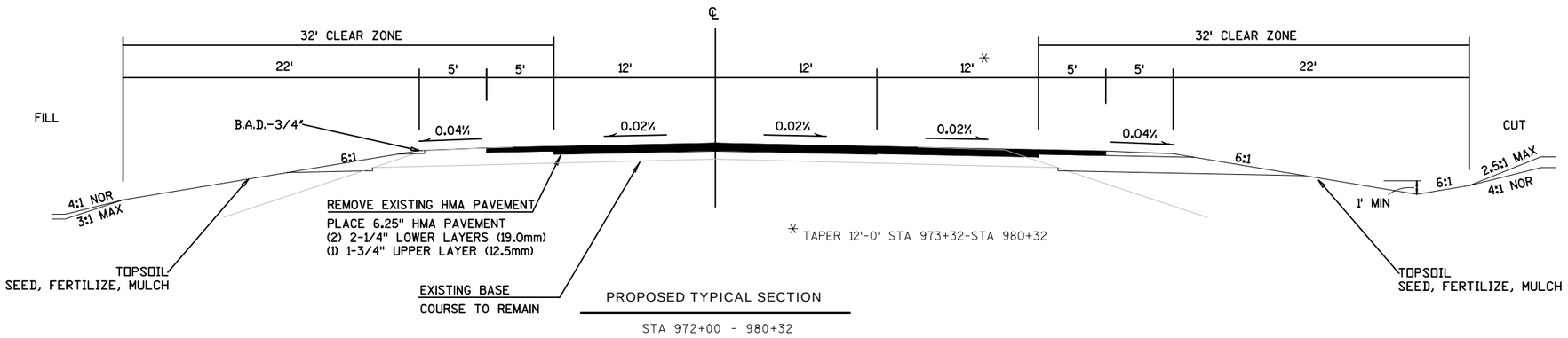
STA 850+00 - 972+00

NOTES:

SEED, FERTILIZE, AND MULCH FROM 5' OUTSIDE SI TO, AND INCLUDING, GRAVEL SHOULDER

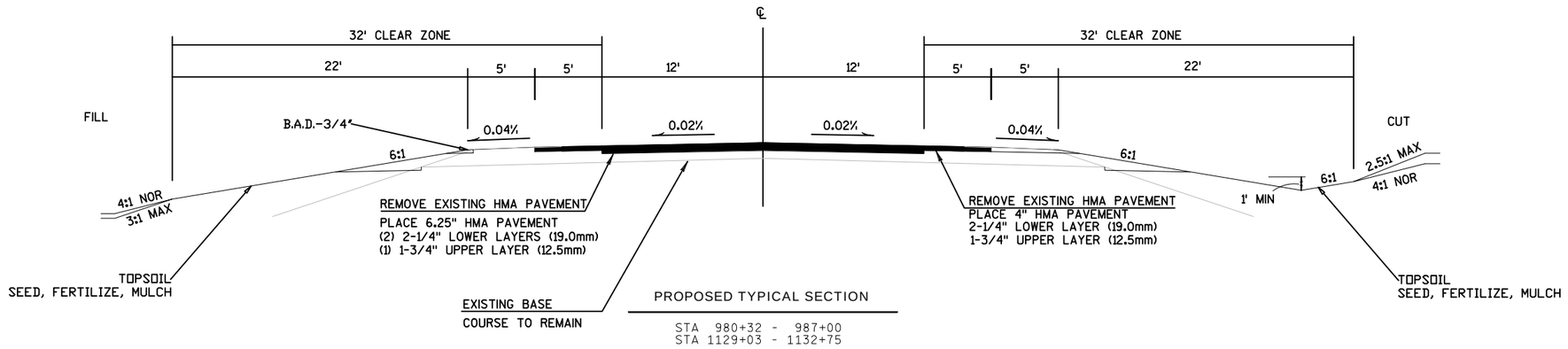
REFER TO SDD 14B29-1 AND CMM CH 70-6 FOR GUIDANCE ON SAFETY EDGES

.



PROPOSED TYPICAL SECTION

STA 972+00 - 980+32



PROPOSED TYPICAL SECTION

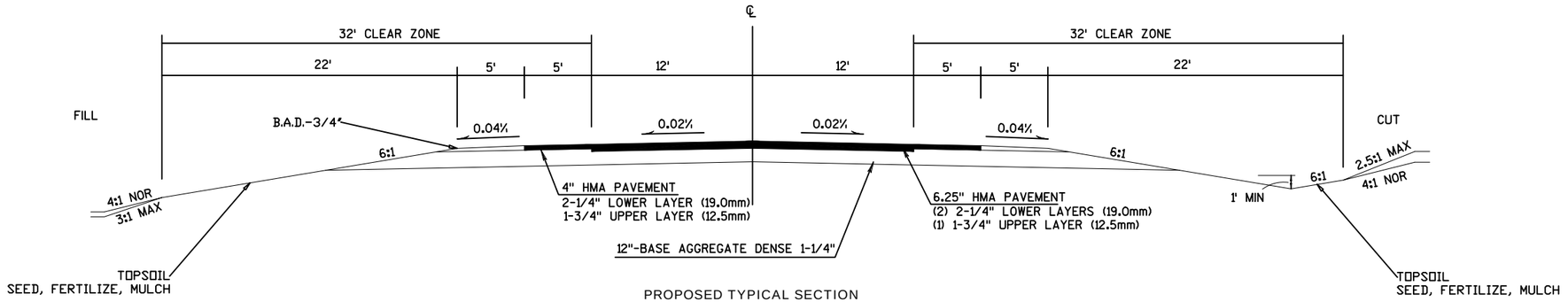
STA 980+32 - 987+00
STA 1129+03 - 1132+75

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: TYPICAL SECTION	SHEET 7	E

NOTES:

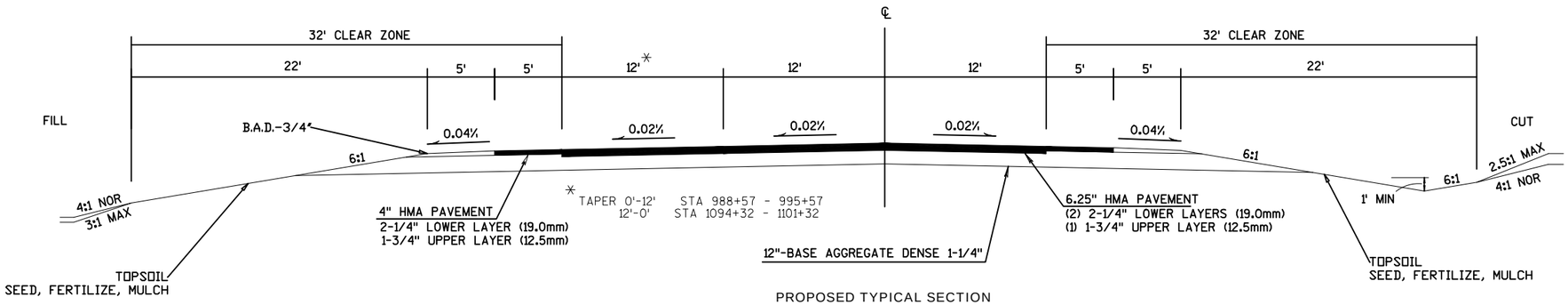
SEED, FERTILIZE, AND MULCH FROM 5' OUTSIDE SI TO, AND INCLUDING, GRAVEL SHOULDER

REFER TO SDD 14B29-1 AND CMM CH 70-6 FOR GUIDANCE ON SAFETY EDGES



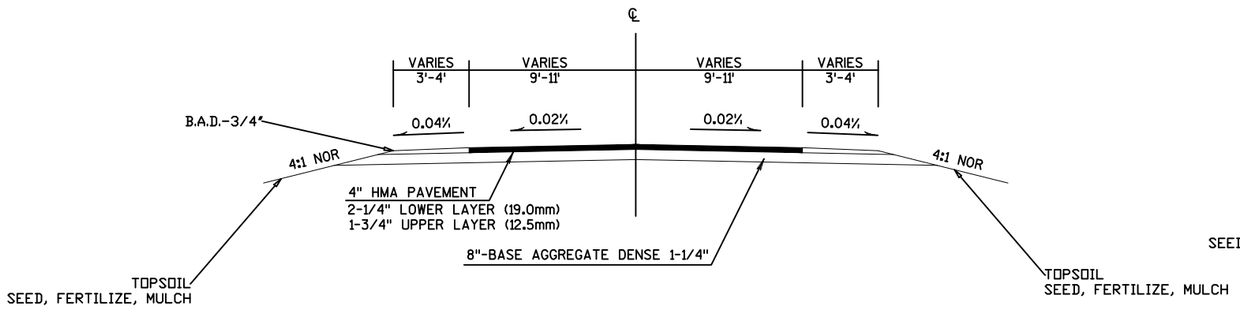
PROPOSED TYPICAL SECTION

STA 987+00 - 988+57
STA 1101+32 - 1135+00



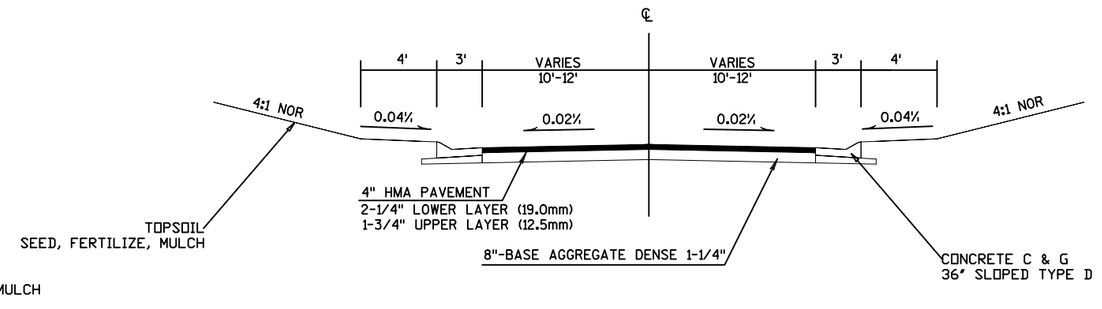
PROPOSED TYPICAL SECTION

STA 988+57 - 1101+32



PROPOSED TYPICAL SECTION

TOWN ROADS

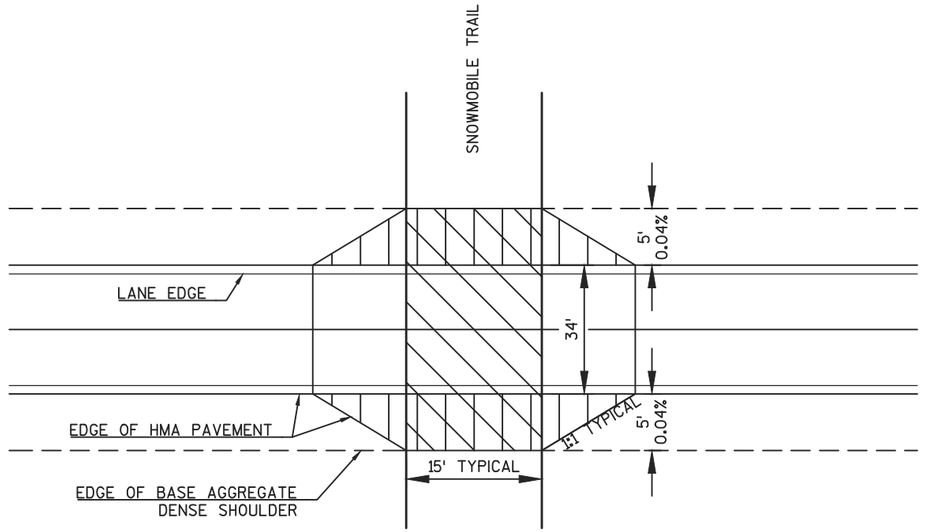


PROPOSED TYPICAL SECTION

S. BLUE LAKE ROAD
OAKRIDGE ROAD

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: TYPICAL SECTION	SHEET 8	E

2



PROTECTIVE THERMOPLASTIC COATING
AT SNOWMOBILE TRAIL CROSSING

HMA TYPE E-3 PAVEMENT WIDENING
4-INCHES FOR SNOWMOBILE TRAIL CROSSING

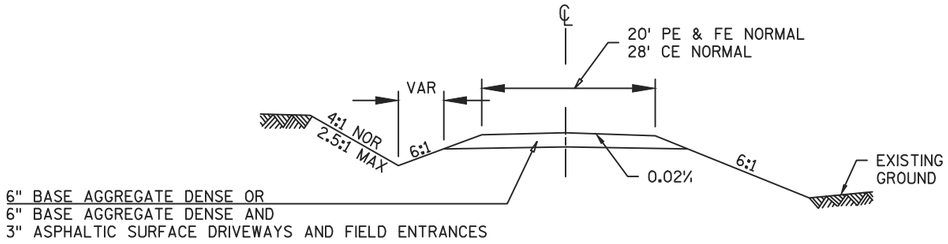
NOTE: PREPARATION FOR PAVEMENT WIDENING FALLS UNDER PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS.

EXACT LOCATIONS TO BE MARKED IN THE FIELD BY THE PROJECT PERSONAL.

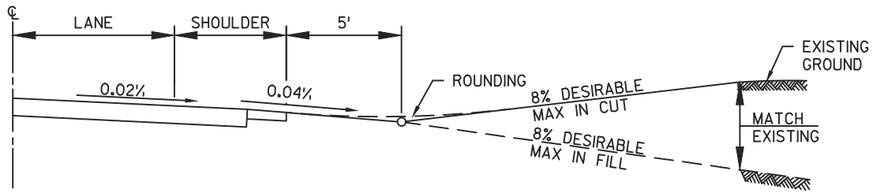
SNOWMOBILE TRAIL CROSSING

STA 937+00 LT

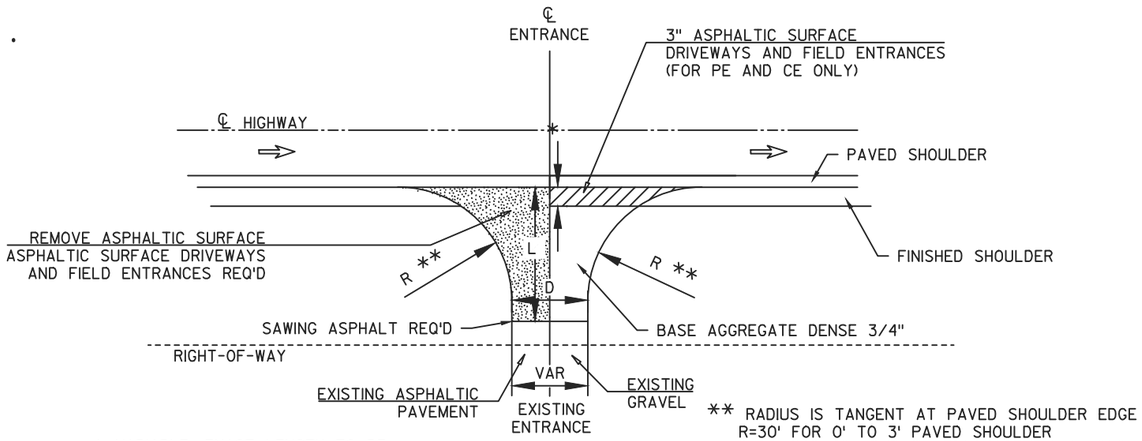
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION DETAIL	SHEET 9	E



TYPICAL CROSS SECTION



TYPICAL PROFILE VIEW



PLAN VIEW

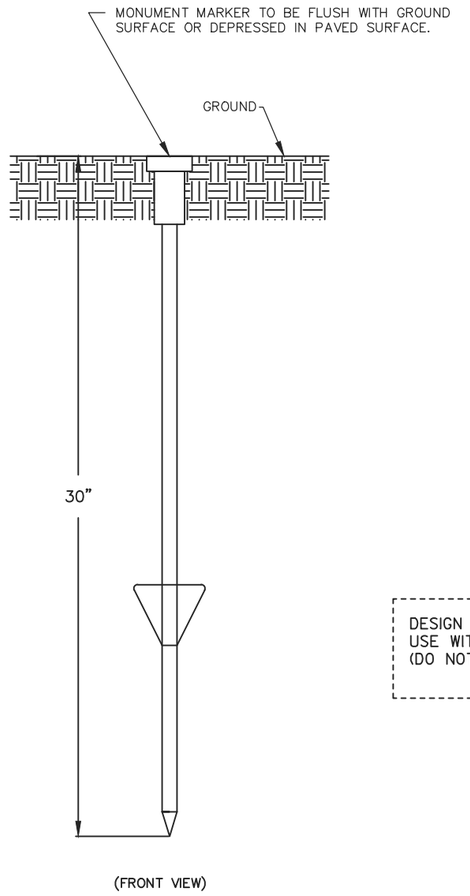
RURAL DRIVEWAY INTERSECTION
(PE, FE & CE)

(FOR NEW CONSTRUCTION)



WIS DOT MONUMENT CAP MARKER LOGO (SSDR130)

CONTRACTOR TO ORDER LANDMARK REFERENCE MONUMENTS
WITH THE ABOVE STAMPING

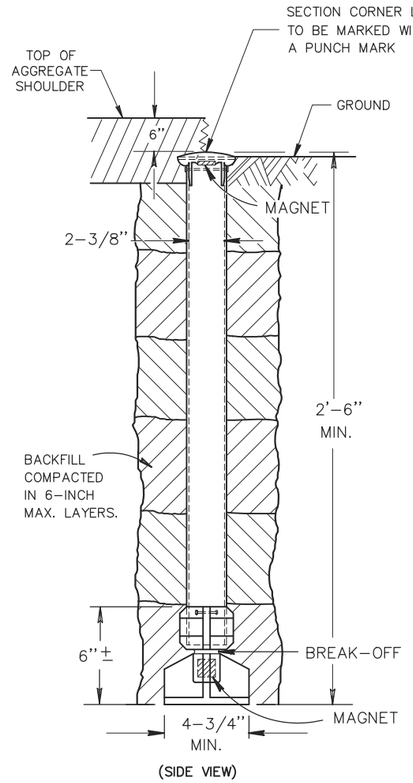


(FRONT VIEW)

BERNSTEN DRIVABLE MONUMENT SSDR130

LANDMARK REFERENCE MONUMENT (TIES ONLY)

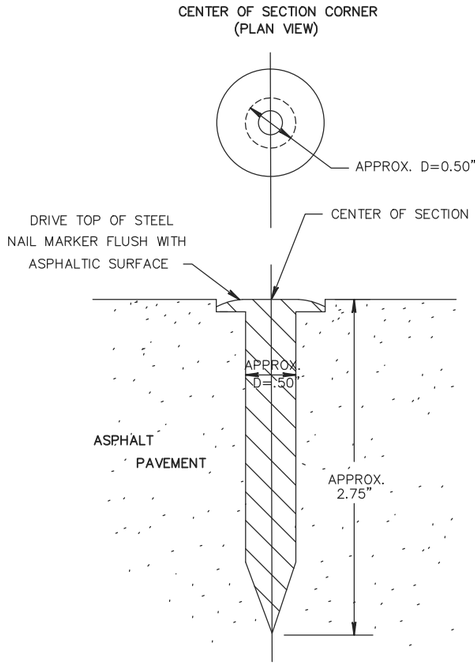
DESIGN NOTE:
USE WITH NCR 621.01 REGION SPECIAL PROVISION
(DO NOT INCLUDE THIS NOTE IN FINAL PLANS)



(SIDE VIEW)

OUTSIDE OF PAVEMENT

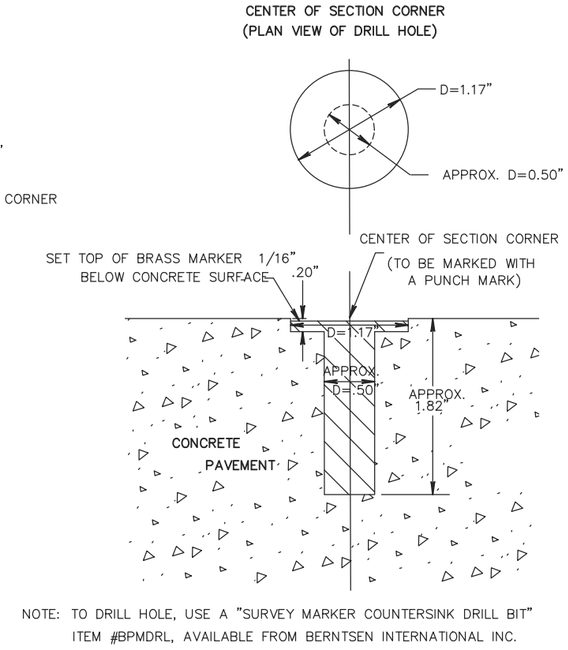
BERNTSEN A1BR30 ALUMINUM BREAK-OFF MONUMENT



(SIDE VIEW)

IN ASPHALTIC PAVEMENT

BERNTSEN SNM1 STEEL NAIL MARKER



NOTE: TO DRILL HOLE, USE A "SURVEY MARKER COUNTERSINK DRILL BIT" ITEM #BPMDRL, AVAILABLE FROM BERNTSEN INTERNATIONAL INC.

(SIDE VIEW OF DRILL HOLE)

IN CONCRETE PAVEMENT

BERNTSEN BP – 1 BRASS MARKER WITH ANCHOR PLUG

SECTION CORNER MONUMENTS

GENERAL NOTES

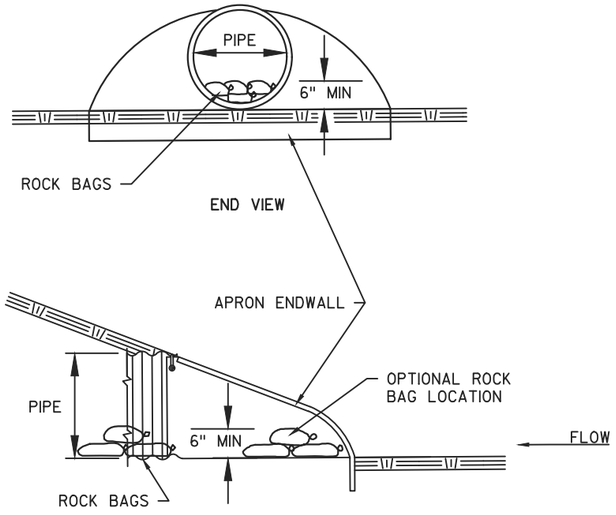
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

LOCATE LANDMARK REFERENCE MONUMENTS OUTSIDE THE CONSTRUCTION LIMITS AND WITHIN WISDOT RIGHT OF WAY. LOCATION TO BE APPROVED BY THE ENGINEER.

CONTRACTOR WILL SUPPLY ALL REQUIRED SURVEY MONUMENTS.

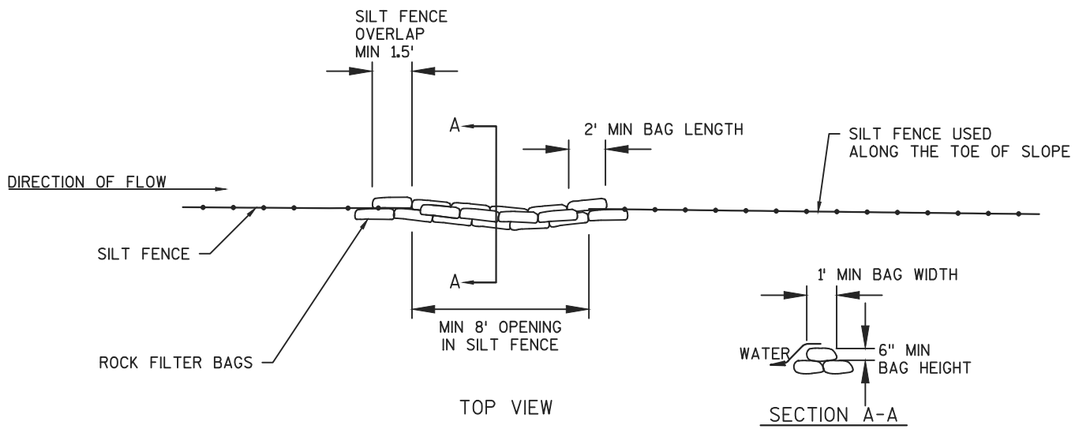
SECTION CORNER MONUMENT AND LANDMARK REFERENCE MONUMENT DETAIL

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	USH 51	SHEET 11	E

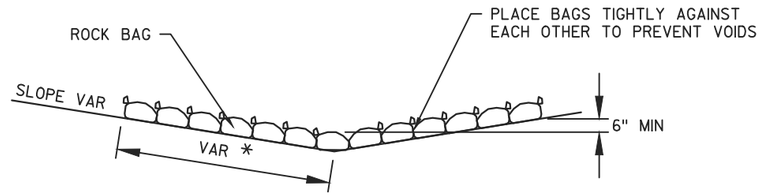


CULVERT PIPE CHECK

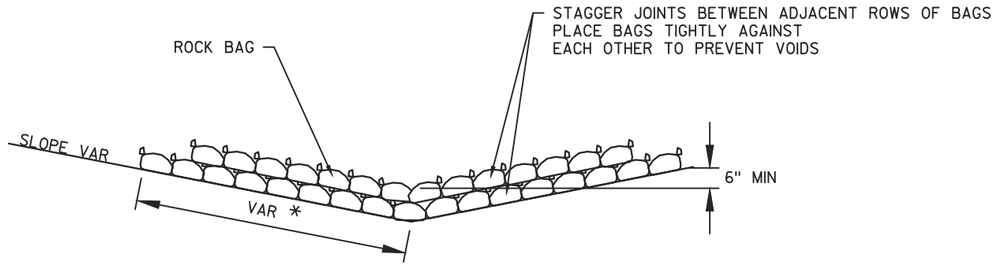
(INSTALL ON INLET END ONLY)



ROCK BAGS USED FOR SILT FENCE RELIEF

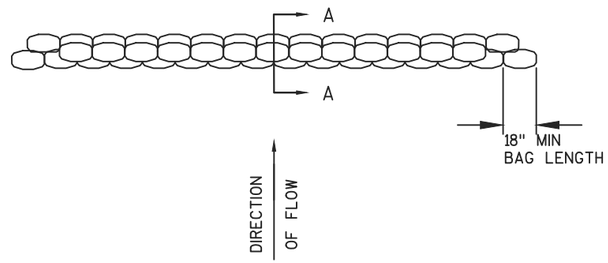


SIDE VIEW (SINGLE LAYER)

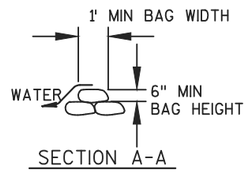


* LENGTH AND NUMBER OF BAGS MAY VARY
DEPENDING ON DESIRED DEPTH OF WATER POOL

SIDE VIEW (MULTIPLE LAYER)

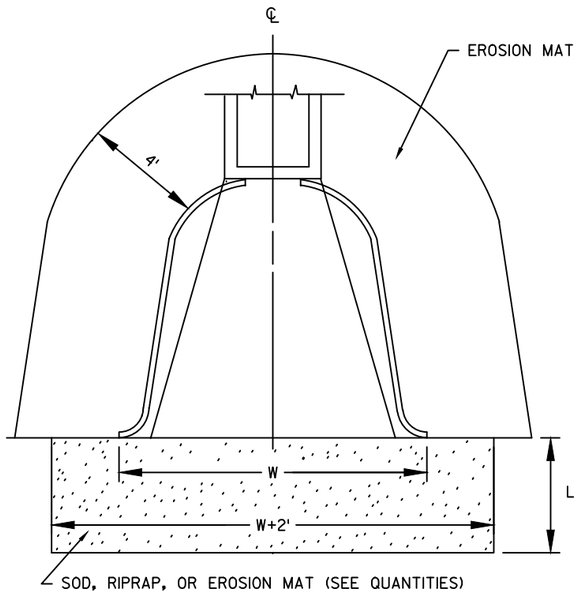


TOP VIEW (MULTIPLE LAYER)



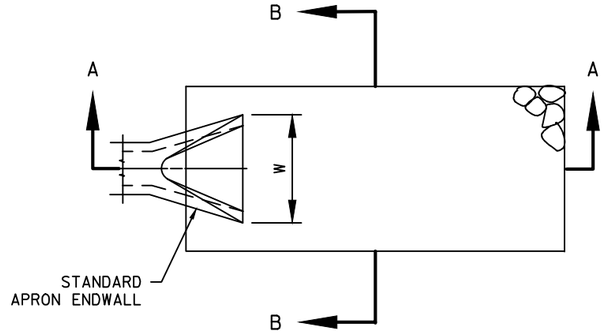
ROCK BAGS USED FOR DITCH CHECKS

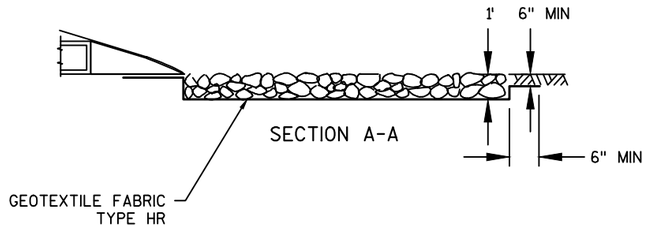
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION DETAILS	SHEET 12	E

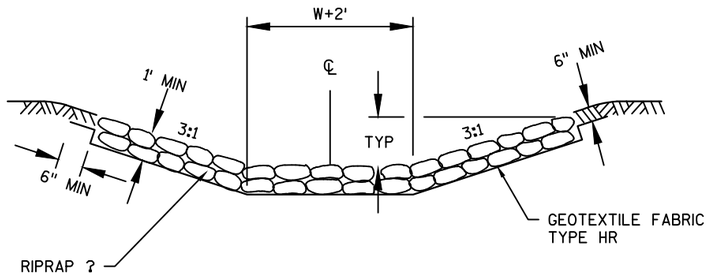


EROSION CONTROL AT PIPE ENDS

L = 3 TIMES DIAMETER OR 10' MIN.
INCREASE IF WARRANTED



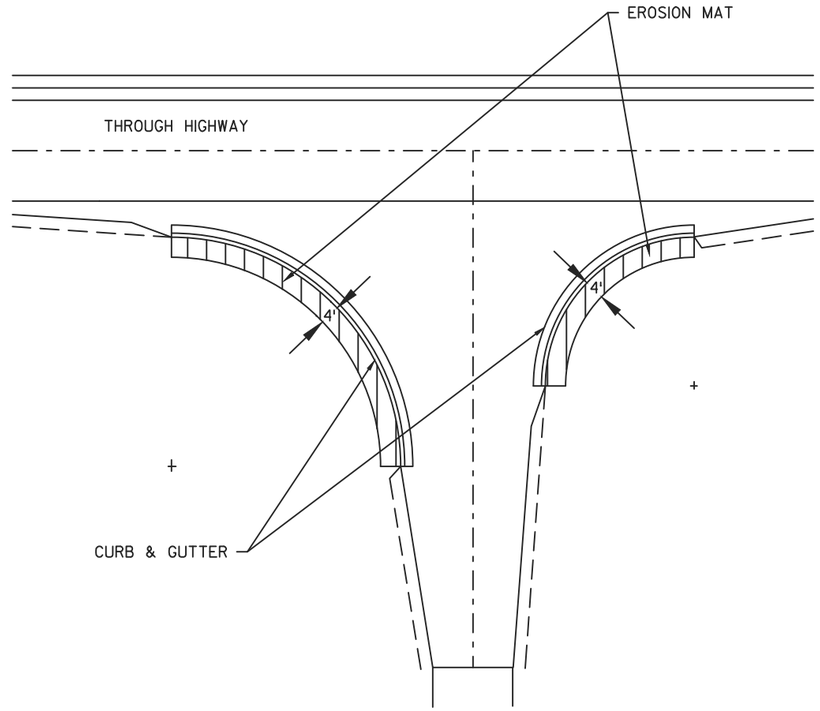




SECTION B-B

RIP RAP AND GEOTEXTILE FABRIC

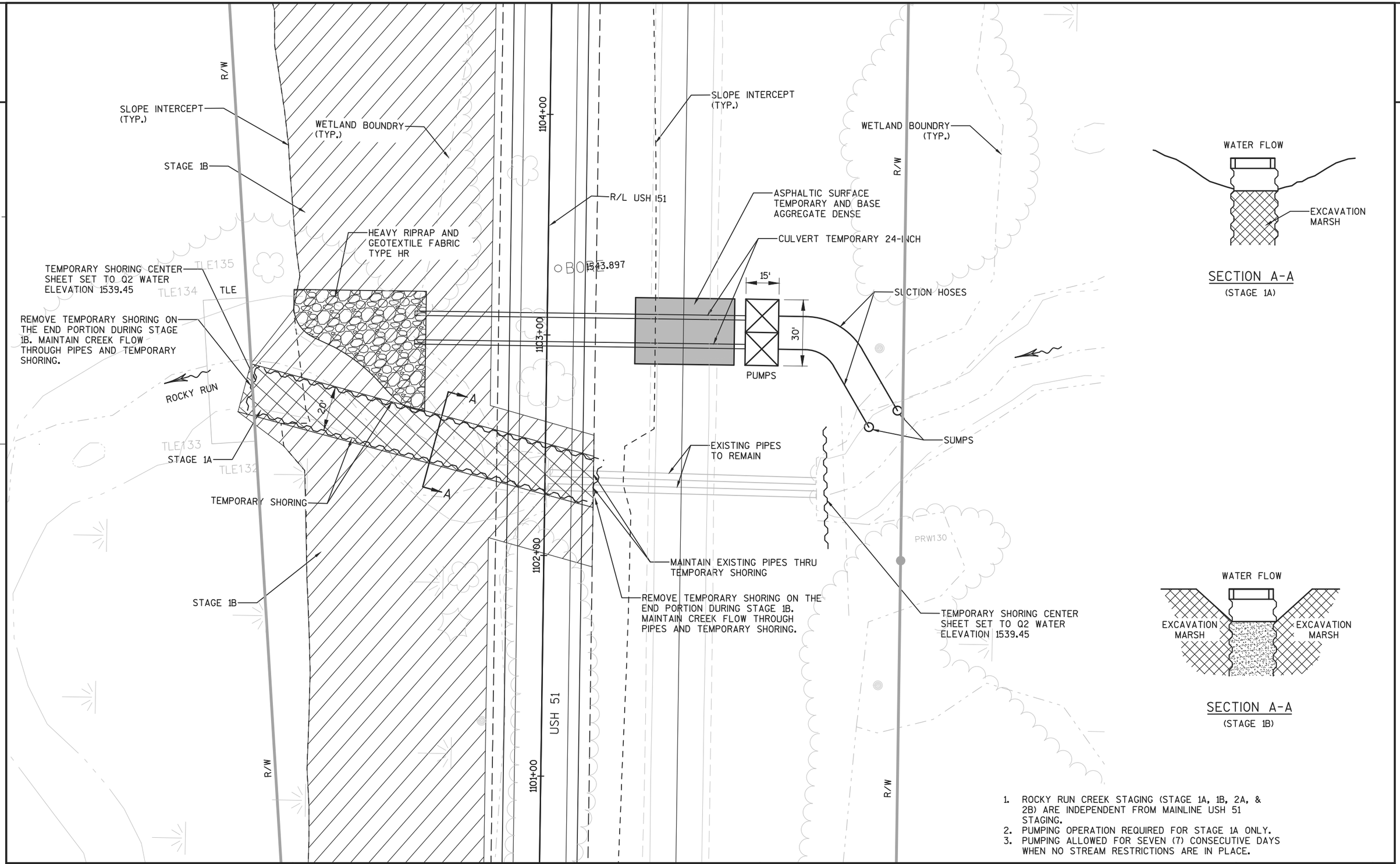
2



EROSION MAT DETAIL AT RURAL INTERSECTIONS

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION DETAILS	SHEET 14	E

2



1. ROCKY RUN CREEK STAGING (STAGE 1A, 1B, 2A, & 2B) ARE INDEPENDENT FROM MAINLINE USH 51 STAGING.
2. PUMPING OPERATION REQUIRED FOR STAGE 1A ONLY.
3. PUMPING ALLOWED FOR SEVEN (7) CONSECUTIVE DAYS WHEN NO STREAM RESTRICTIONS ARE IN PLACE.

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION DETAIL - ROCKY RUN CREEK	SHEET 15	E

2

SLOPE INTERCEPT (TYP.)

WETLAND BOUNDRY (TYP.)

SLOPE INTERCEPT (TYP.)

WETLAND BOUNDRY (TYP.)

R/W

R/W

R/W

R/W

1104+00

1103+00

1102+00

1101+00

USH 51

R/LI USH 51

BORE

1843.897

TLE135

TLE134

TLE

TLE132

PRW130

ROCKY RUN

BE: 10+00.00

S80°07'01"E

10+00

S36°12'05"E

11+00

S70°28'16"E

12+00

N76°48'45"E

13+00

N52°45'37"E

PC: 10+46.76

PT: 10+83.62

PC: 11+88.89

PT: 12+40.28

EP: 13+00.00

PT: 12+94.61

PC: 12+77.82

WORK ZONE STAGE 2B
REMOVE PIPES
CONSTRUCTION CHANNEL

MAINTAIN FLOW THROUGH PIPES DURING STAGE 2A. REMOVE PIPES AND CONSTRUCT NORTH HALF OF CREEK DURING STAGE 2B.

TEMPORARY SHORING
STAGE 2B ONLY

TEMPORARY SHORING
STAGE 2A ONLY

CONSTRUCT SOUTH HALF OF CREEK
DURING STAGE 2A TO CARRY FLOW
DURING STAGE 2B

TEMPORARY SHORING
STAGE 2A AND 2B

WORK ZONE STAGE 2A
CONSTRUCTION CHANNEL

PI STA = 10+24.59
Y = 208182.424
X = 185191.194
DELTA = 43°54'56"
D = 93°55'39"
T = 24.59'
L = 46.75'
R = 61.00'
PC STA = 10+00.00
PT STA = 10+46.76

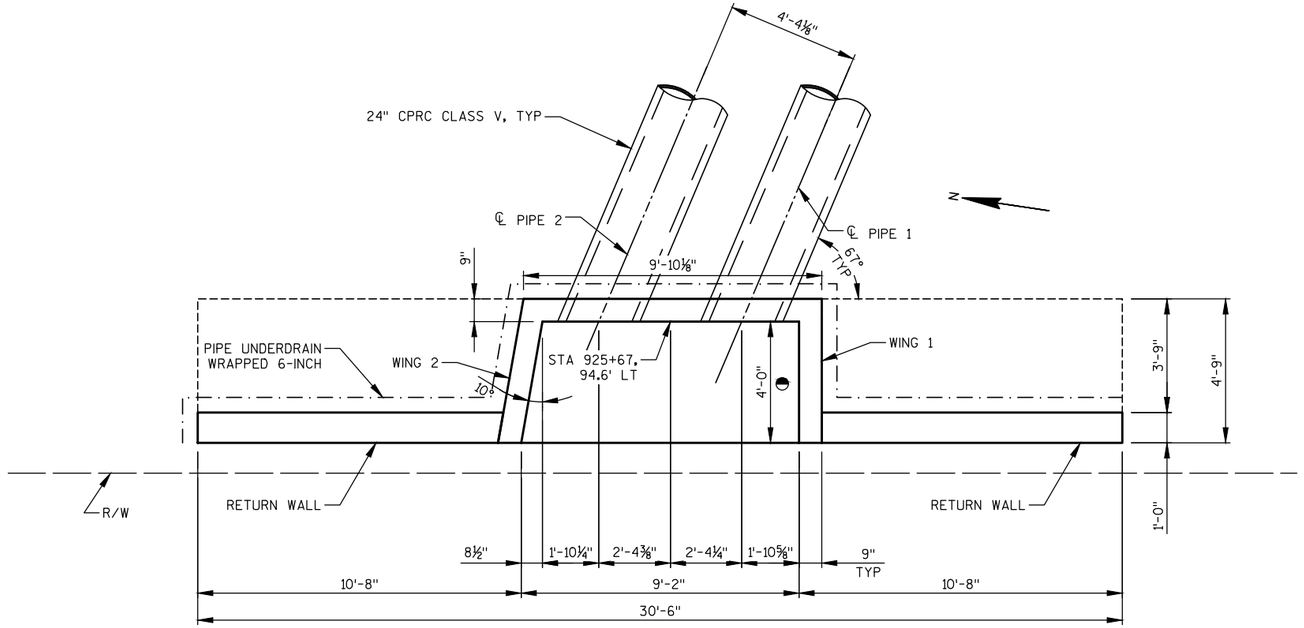
PI STA = 10+65.76
Y = 208147.243
X = 185216.943
DELTA = 34°16'11"
D = 92°58'57"
T = 19.00'
L = 36.86'
R = 61.62'
PC STA = 10+46.76
PT STA = 10+83.62

PI STA = 12+[illegible]5.31
Y = 208096.8[illegible]71
X = 185358.9[illegible]55
DELTA = 32°[illegible]2'59"
D = 63°39'43"
T = 26.42'
L = 51.39'
R = 90.00'
PC STA = 11+88.89
PT STA = 12+40.28

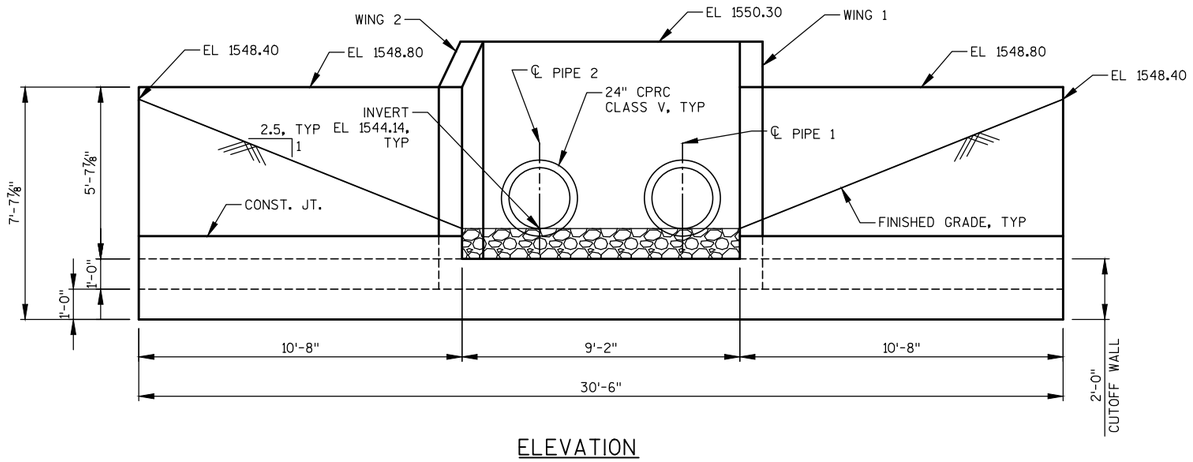
PI STA = 12+86.34
Y = 208113.405
X = 185429.529
DELTA = 24°03'08"
D = 143°14'22"
T = 8.52'
L = 16.79'
R = 40.00'
PC STA = 12+77.82
PT STA = 12+94.61

NOTE:
ROCKY RUN CREEK STAGING (STAGE 1A, 1B, 2A, & 2B) ARE INDEPENDENT FROM MAINLINE USH 51 STAGING.

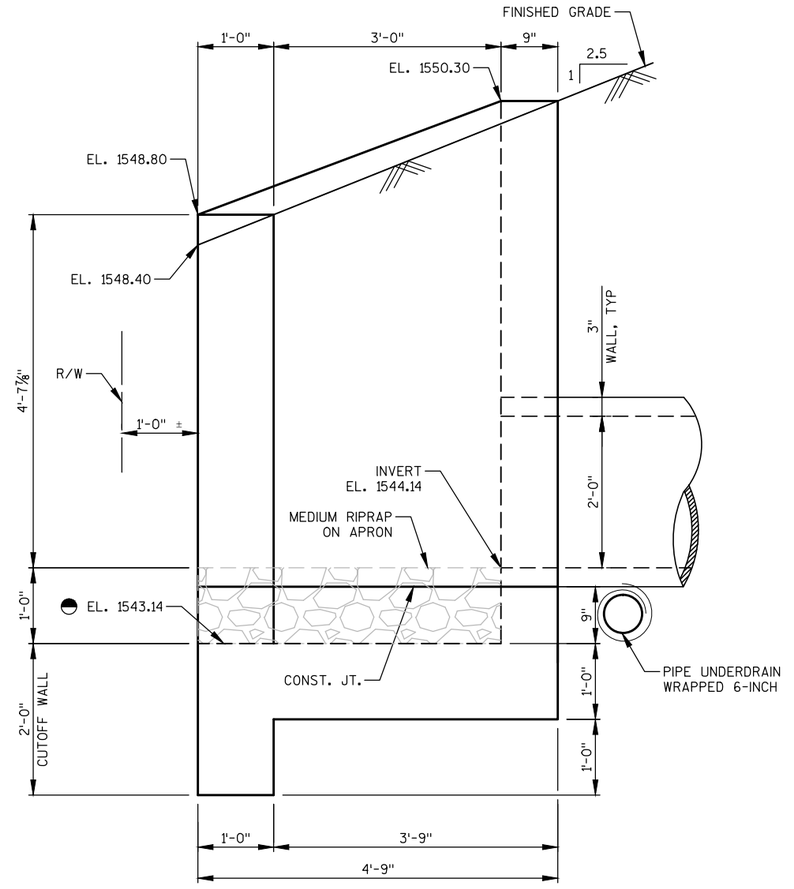
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION DETAIL - ROCKY RUN CREEK	SHEET 16	E



PLAN



ELEVATION



SECTION

LEGEND

BUILD APRON LEVEL

GENERAL NOTES:

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

THE CONCRETE IN CUT-OFF WALLS MAY BE PLACED UNDERWATER IF THE EXCAVATION CANNOT BE DEWATERED.

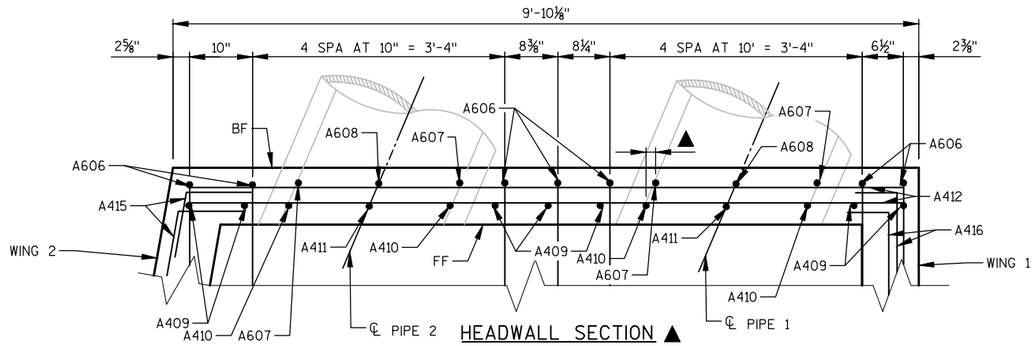
STRUCTURE BACKFILL REQUIRED BEHIND RETURN WALLS, WINGWALLS AND HEADWALL.

BID ITEM SHALL BE "OUTFALL STRUCTURE STATION 925+67 LT" AS SHOWN ON THE DETAIL SHEETS "OUTFALL STRUCTURE STATION 925+67 LT - 1" THRU "OUTFALL STRUCTURE STATION 925+67 LT - 3".

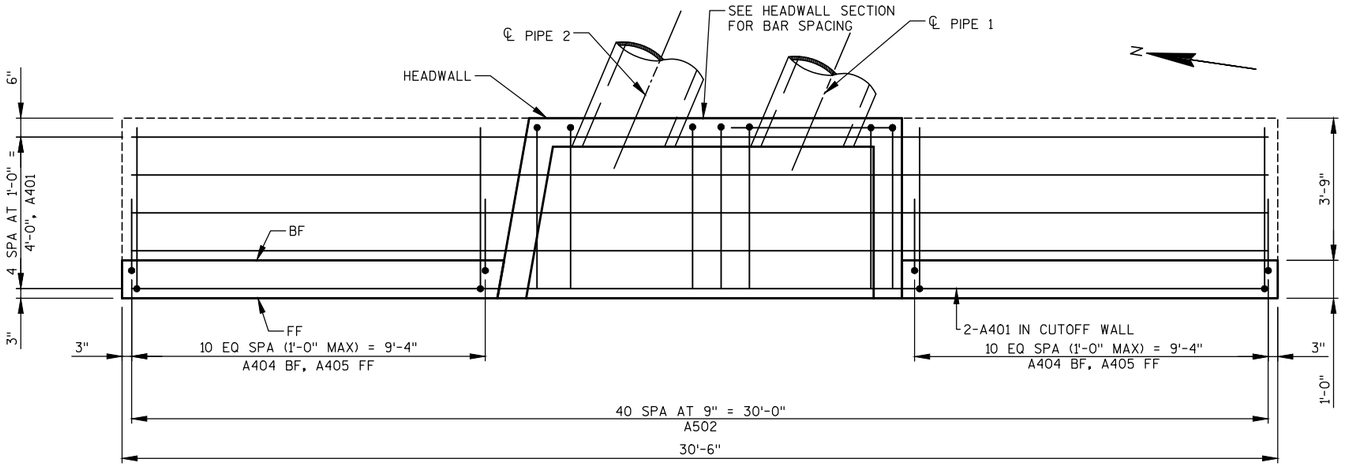
ULTIMATE DESIGN STRESSES:

CONCRETE MASONRY ——— f'c = 3,500 psi
HIGH STRENGTH BAR STEEL REINFORCEMENT ——— fy = 60,000 psi

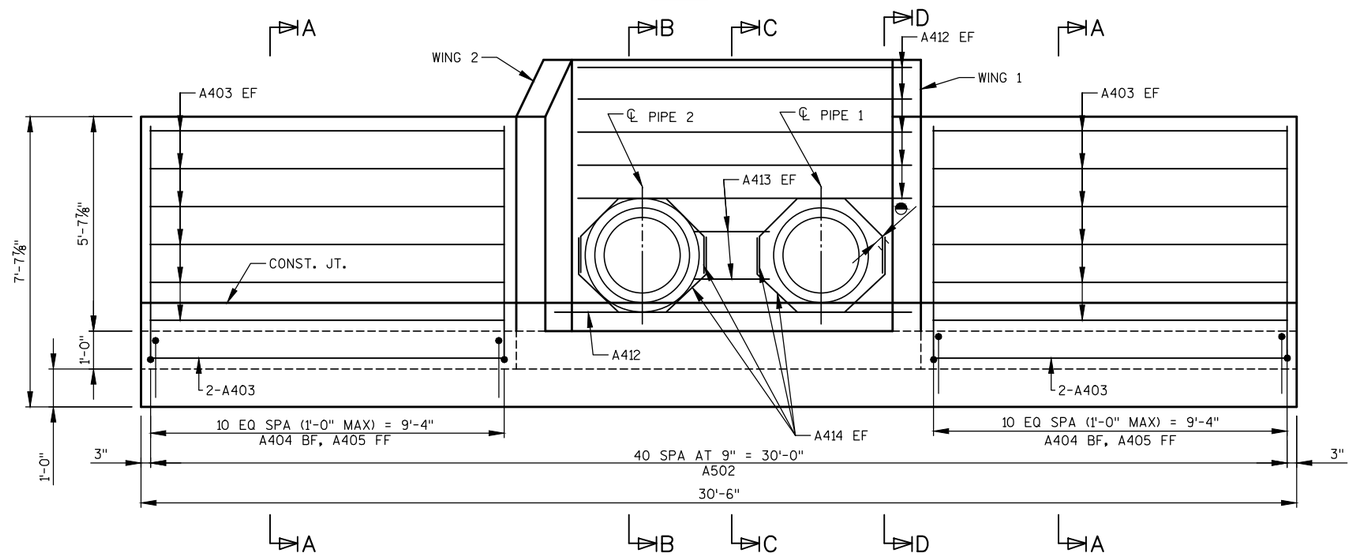
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	OUTFALL STRUCTURE STATION 925+67 LT - 1	SHEET 17	E



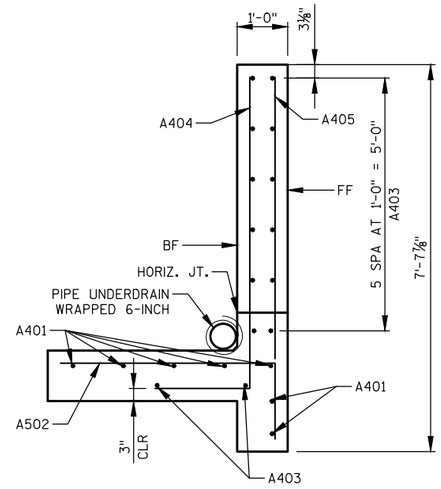
HEADWALL SECTION ▲

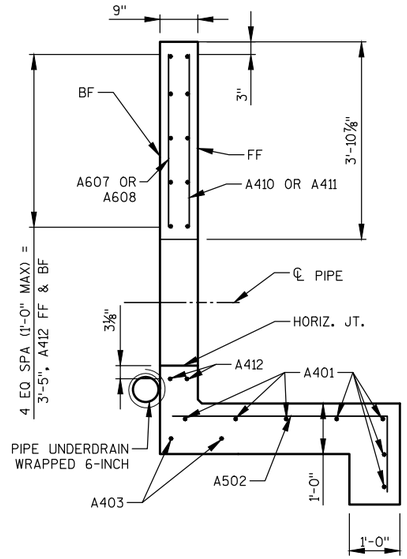


PLAN



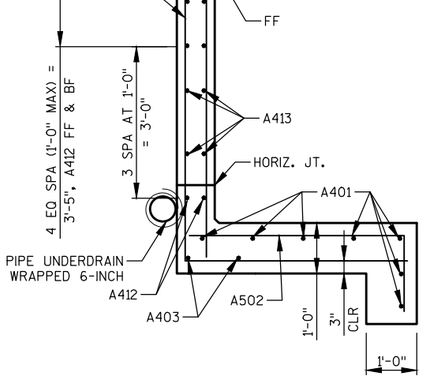
ELEVATION





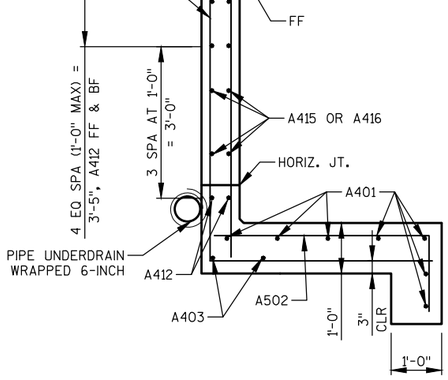
SECTION A-A

(SECTION THRU RETURN WALLS)



SECTION B-B

(SECTION THRU HEADWALL AT PIPE PENETRATION)



SECTION C-C

(SECTION THRU HEADWALL BETWEEN PIPES)

SECTION D-D

(SECTION THRU HEADWALL OUTSIDE PIPES)

NOTES:

SEE CONCRETE MASONRY ENDWALL - 3 FOR WING ELEVATION

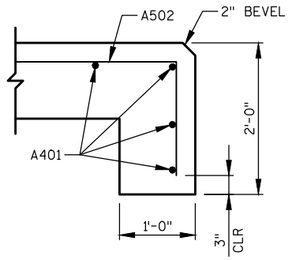
FF - FRONT FACE
BF - BACK FACE
EF - EACH FACE

LEGEND:

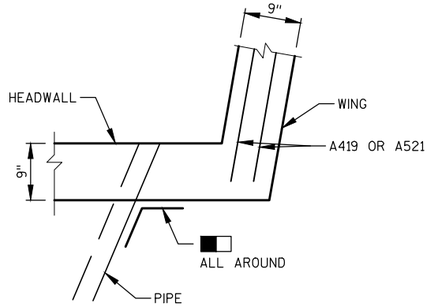
▲ FF BARS OVER PIPES ARE ALIGNED ALONG PIPE ANGLE. THIS IS AN OFFSET OF 1⅞" FORM SPACING GIVEN AT BF.

◓ KEEP BARS 3" CLEAR TO PIPE

PROJECT NO:1177-11-70	HWY:USH 51	COUNTY:ONEIDA	OUTFALL STRUCTURE STATION 925+67 LT - 2	SHEET 18	E



CUTOFF WALL AT APRON



CORNER DETAIL

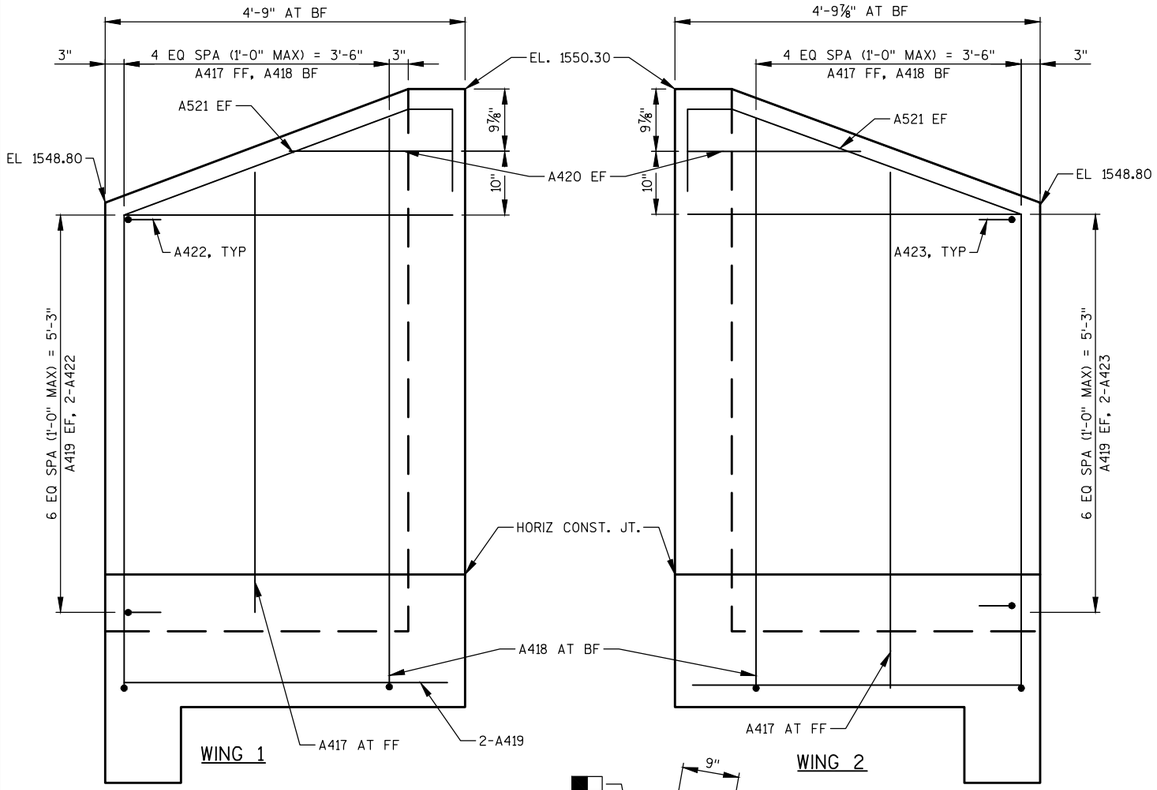
NOTES:

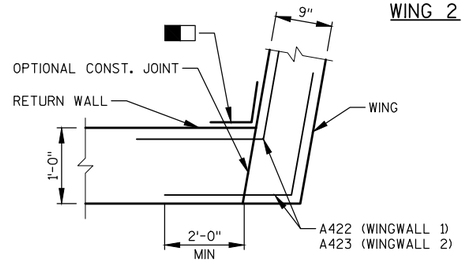
18" RUBBERIZED MEMBRANE WATERPROOFING. COST INCIDENTAL TO BID ITEM "CONCRETE MASONRY HEADWALLS"

FF - FRONT FACE
BF - BACK FACE
EF - EACH FACE

⚠ BAR SERIES TABLE

MARK	NO. REQUIRED	LENGTH
A417	2 SERIES OF 5	6'-3" TO 7'-7"
A418	2 SERIES OF 5	10'-5" TO 11'-9"





RETURN WALL TO WING WALL JOINT DETAIL

★ BILL OF BARS

COATED= 0 LBS.
UNCOATED= 1310 LBS.

MARK	NUMBER COATED	NUMBER UNCOATED	LENGTH FT - IN	BENT	BAR SERIES	LOCATION	
A401		7	30 - 2			RETURN WALL FOOTING	LONG
A502		41	5 - 10	X		RETURN WALL FOOTING HEEL & CUTOFF WALL	TRANS
A403		26	9 - 7			RETURN WALL FOOTING	LONG
A404		22	7 - 2	X		RETURN WALL STEM BF	VERT
A405		22	6 - 2			RETURN WALL STEM FF	VERT
A606		7	11 - 11	X		PIPE HEADWALL BF	VERT
A607		4	3 - 8			PIPE HEADWALL BF	VERT
A608		2	3 - 5			PIPE HEADWALL BF	VERT
A409		7	7 - 8			PIPE HEADWALL FF	VERT
A410		4	3 - 8			PIPE HEADWALL FF	VERT
A411		2	3 - 5			PIPE HEADWALL FF	VERT
A412		12	9 - 6			PIPE HEADWALL EF	HORIZ
A413		4	1 - 8			PIPE HEADWALL BETWEEN PIPES EF	HORIZ
A414		8	6 - 11	X		PIPE HEADWALL AROUND PIPES	VERT
A415		4	1 - 7	X		PIPE HEADWALL OUTSIDE PIPE 2	HORIZ
A416		4	1 - 11	X		PIPE HEADWALL OUTSIDE PIPE 1	HORIZ
⚠ A417		10	6 - 11		X	WINGWALL FF	VERT
⚠ A418		10	11 - 1	X	X	WINGWALL BF	VERT
A419		32	4 - 5			WINGWALL EF	HORIZ
A420		4	2 - 3			WINGWALL EF	HORIZ
A521		4	5 - 4	X		WINGWALL AT TOP	HORIZ
A422		14	4 - 6	X		WINGWALL 1 TO RETURN WALL	HORIZ
A423		14	4 - 6	X		WINGWALL 2 TO RETURN WALL	HORIZ

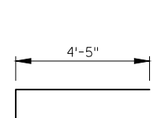
BAR DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT OF BARS.

THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE.

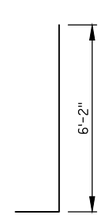
⚠ LENGTH SHOWN IS AN AVERAGE LENGTH FOR USE IN CALCULATING BAR WEIGHT ONLY. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS

TAG AND BUNDLE EACH SERIES SEPERATELY.

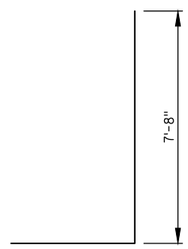
★ BILL OF BARS IS GIVEN FOR INFORMATION ONLY.



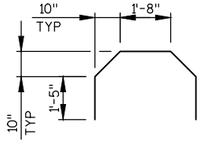
A502



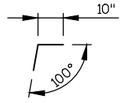
A404



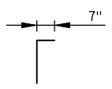
A606



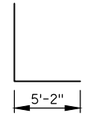
A414



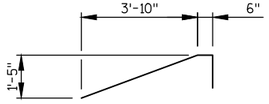
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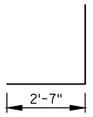
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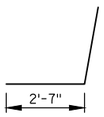
A418



A521



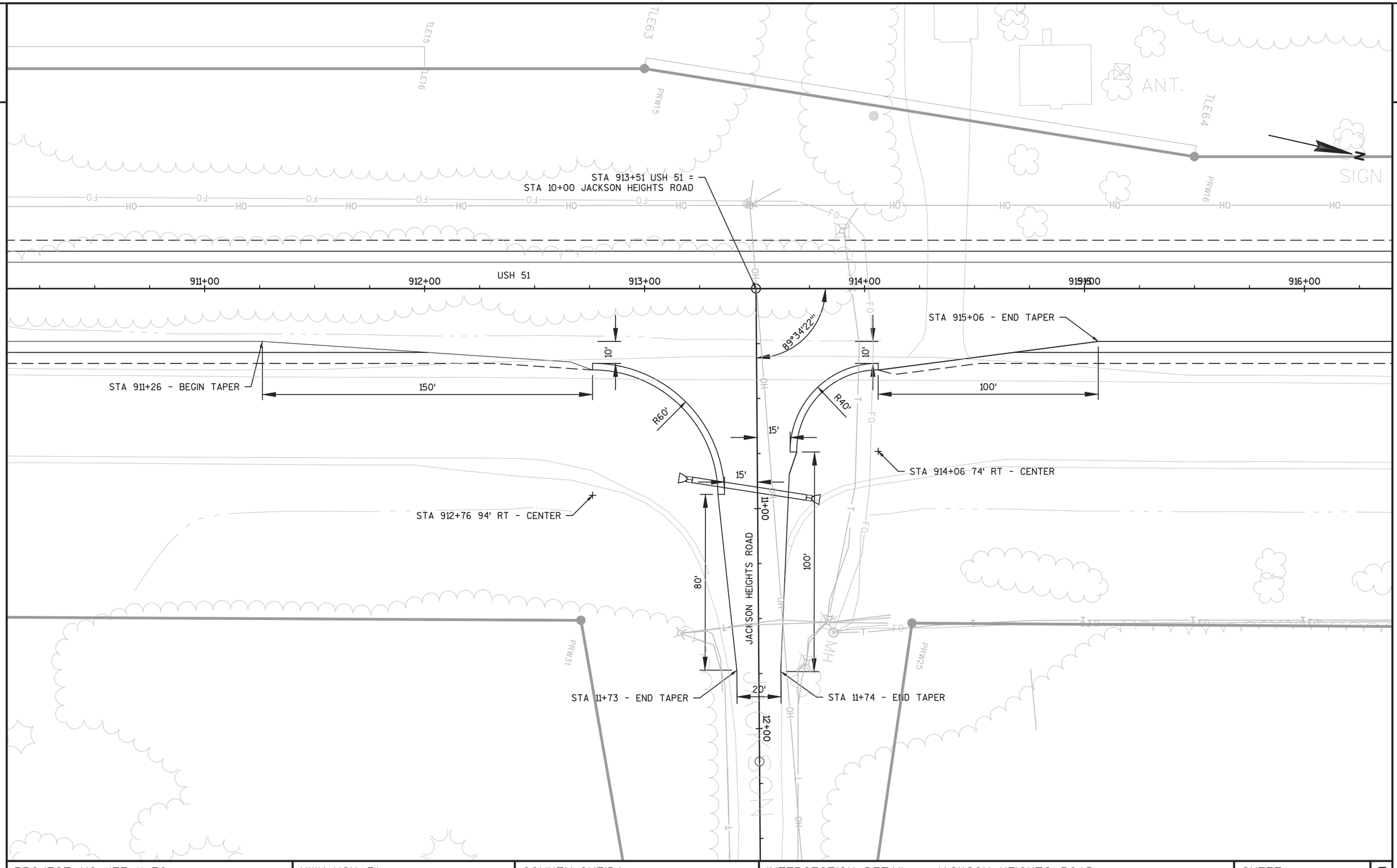
A422



A423

PROJECT NO:1177-11-70	HWY:USH 51	COUNTY:ONEIDA	OUTFALL STRUCTURE STATION 925+67 LT - 3	SHEET 19	E

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	INTERSECTION DETAIL - JACKSON HEIGHTS ROAD	SHEET 20	E

2

NOTE TO CONTRACTOR:
COTTAGE INN DRIVE IS A PRIVATE ROAD, NOT A LEGAL STREET

N

COTTAGE INN DRIVE 15+00

20'

PI: 14+43.97

PC: 15+65.31

16+00

STA 917+02
42' LT - CENTER

R25'

50'

90°10'20"

PT: 16+37.48

STA 916+52 - BEGIN TAPER

STA 917+36 USH 51 =
STA 16+49 COTTAGE INN DRIVE

STA 917+73 42' LT - CENTER

R25'

75'

STA 918+48 - END TAPER

USH 51

916+00 917+00 918+00 919+00 920+00 921+00

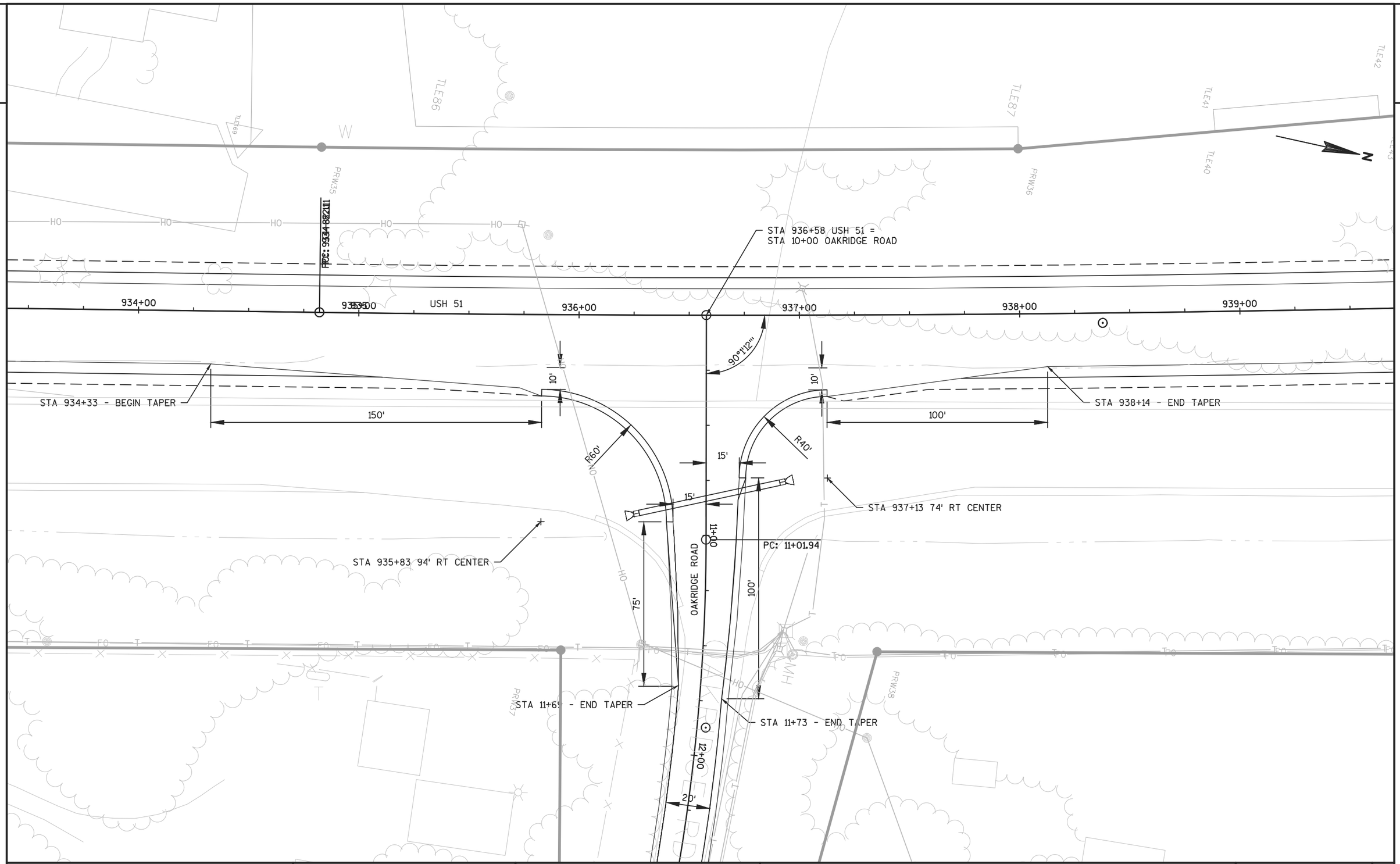
TLE60 TLE61 TLE64 PRW16 PRW17 PRW22

ANT. SIGN SIGN SIGN US

HO TFO

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	COTTAGE INN DRIVE PRIVATE ROAD RECONSTRUCTION	SHEET 21	E

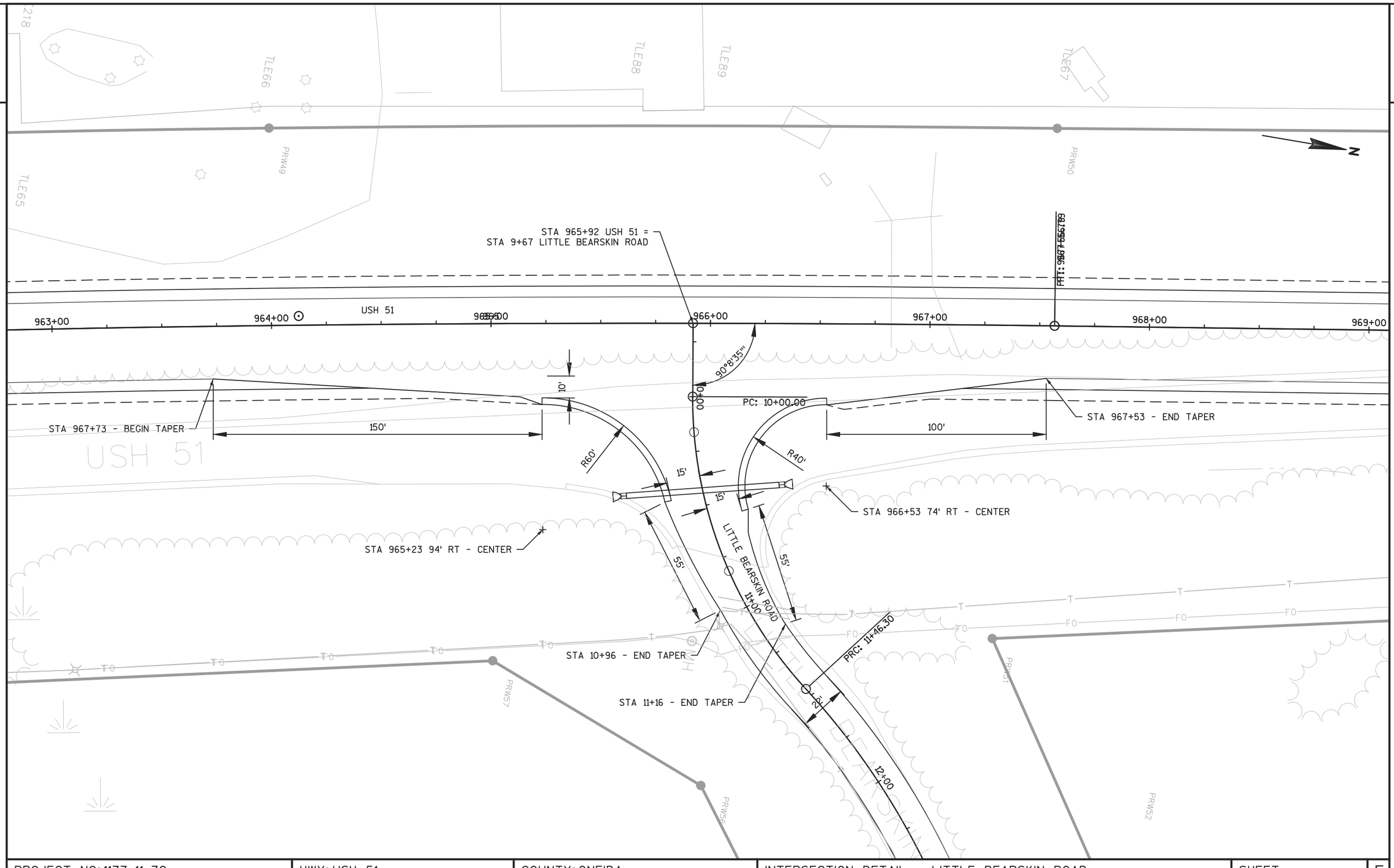
2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	INTERSECTION DETAIL - OAKRIDGE ROAD	SHEET 22	E

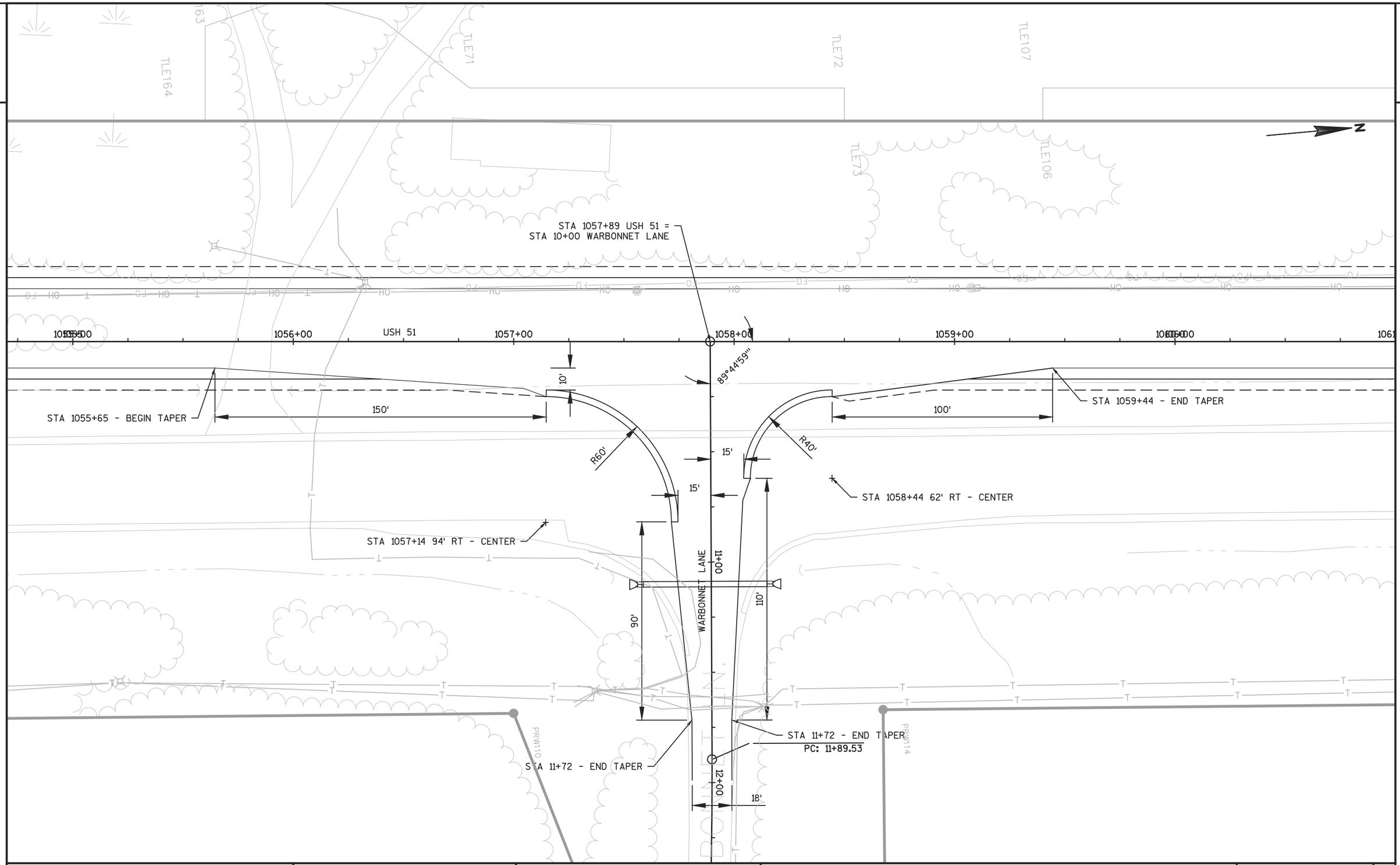
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LAYOUT NAME - 021103-ID
PLOT DATE : 9/28/2015 11:56 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	INTERSECTION DETAIL - LITTLE BEARSKIN ROAD	SHEET 23	E

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	INTERSECTION DETAIL - WARBONNET LANE	SHEET 24	E

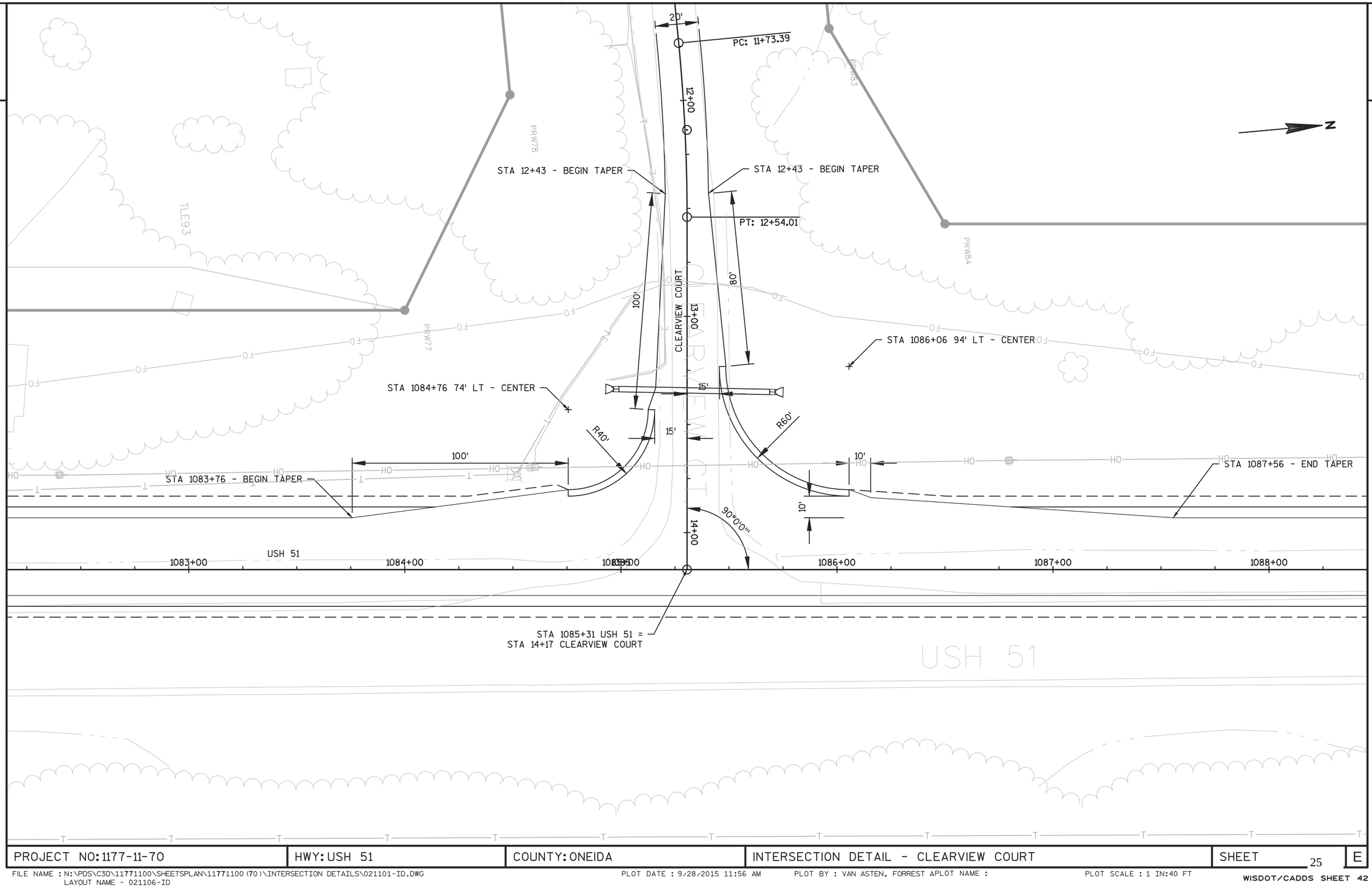
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\INTERSECTION DETAILS\021101-ID.DWG
LAYOUT NAME - 021105-ID

PLOT DATE : 9/28/2015 11:56 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

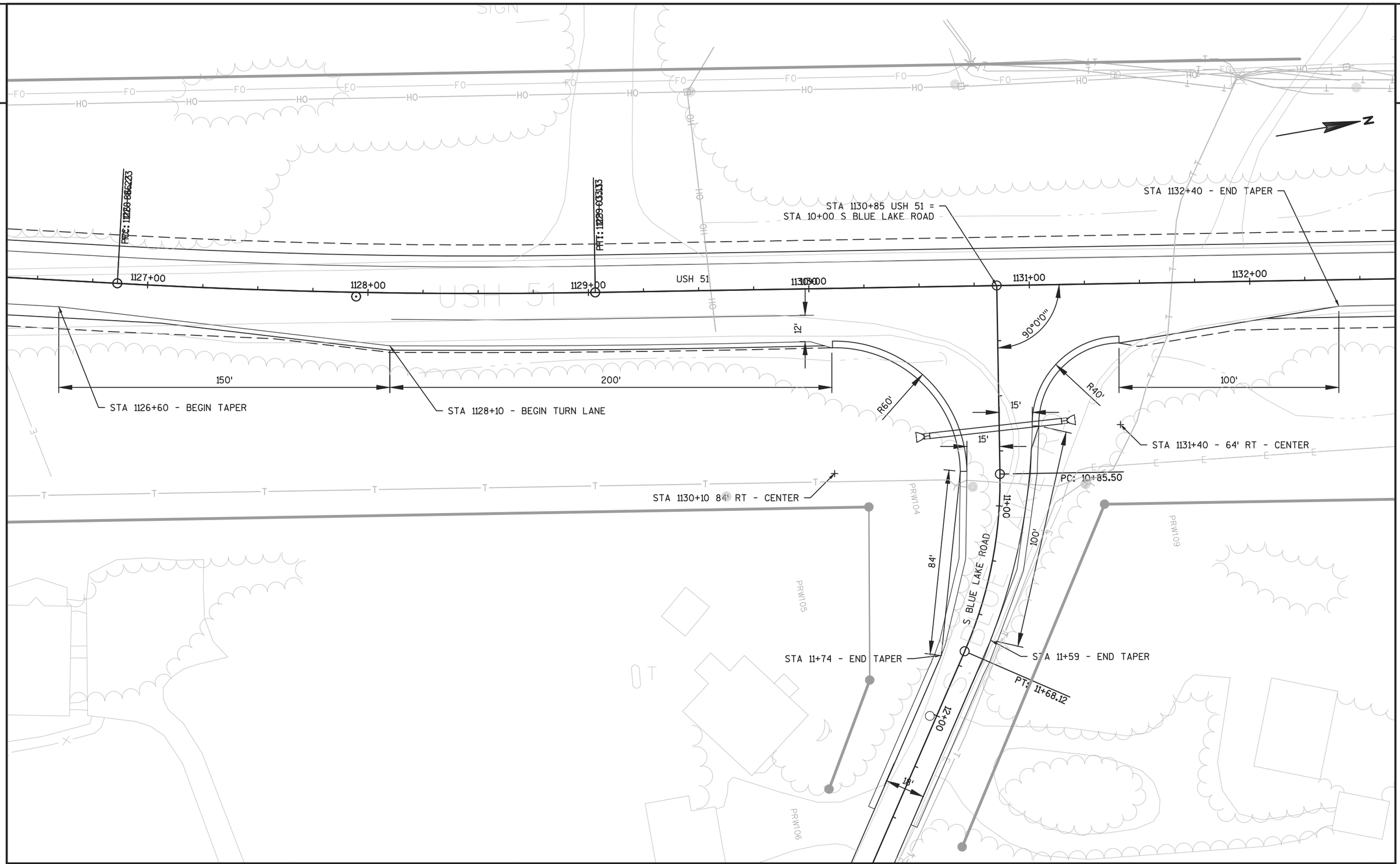
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



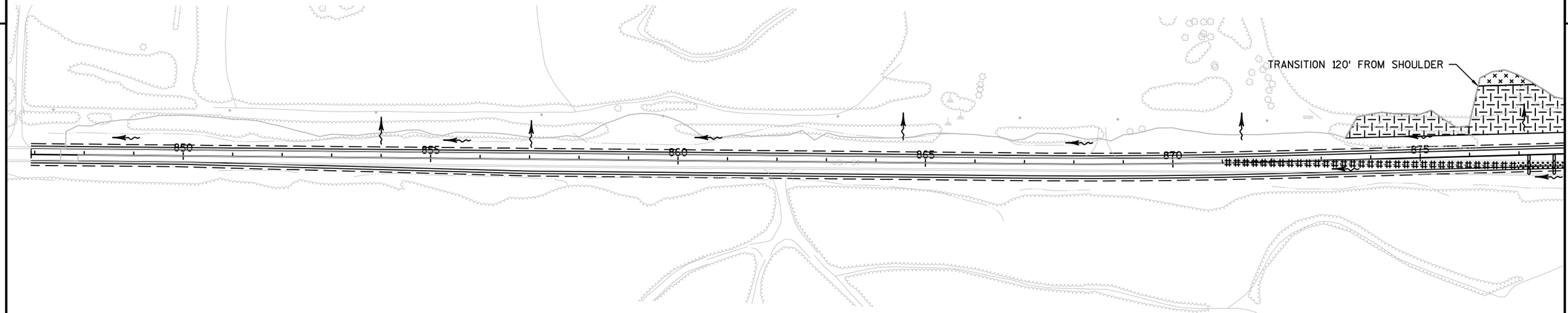
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	INTERSECTION DETAIL - CLEARVIEW COURT	SHEET 25	E



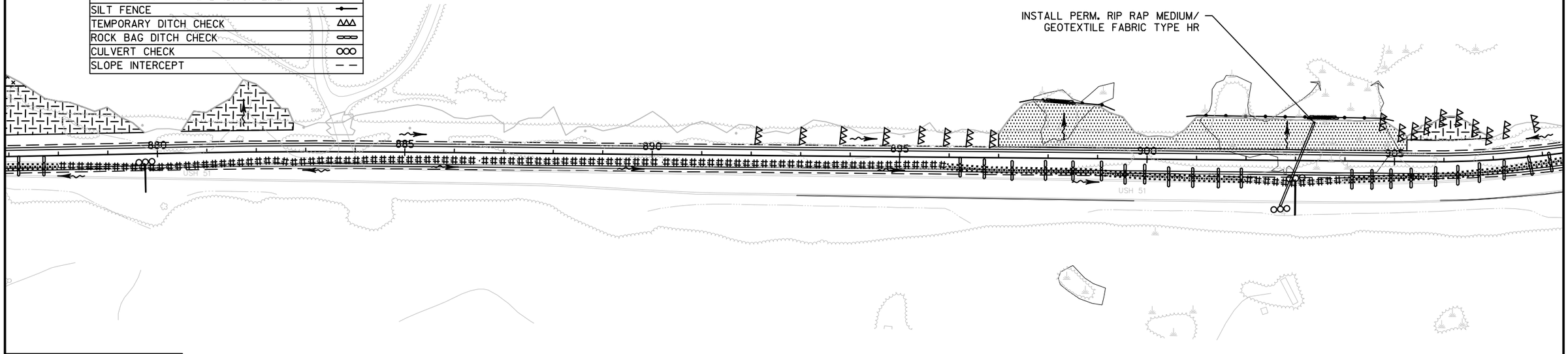
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	INTERSECTION DETAIL - S BLUE LAKE ROAD	SHEET 26	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\INTERSECTION DETAILS\021101-ID.DWG
LAYOUT NAME - 021107-ID
PLOT DATE : 9/28/2015 11:56 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



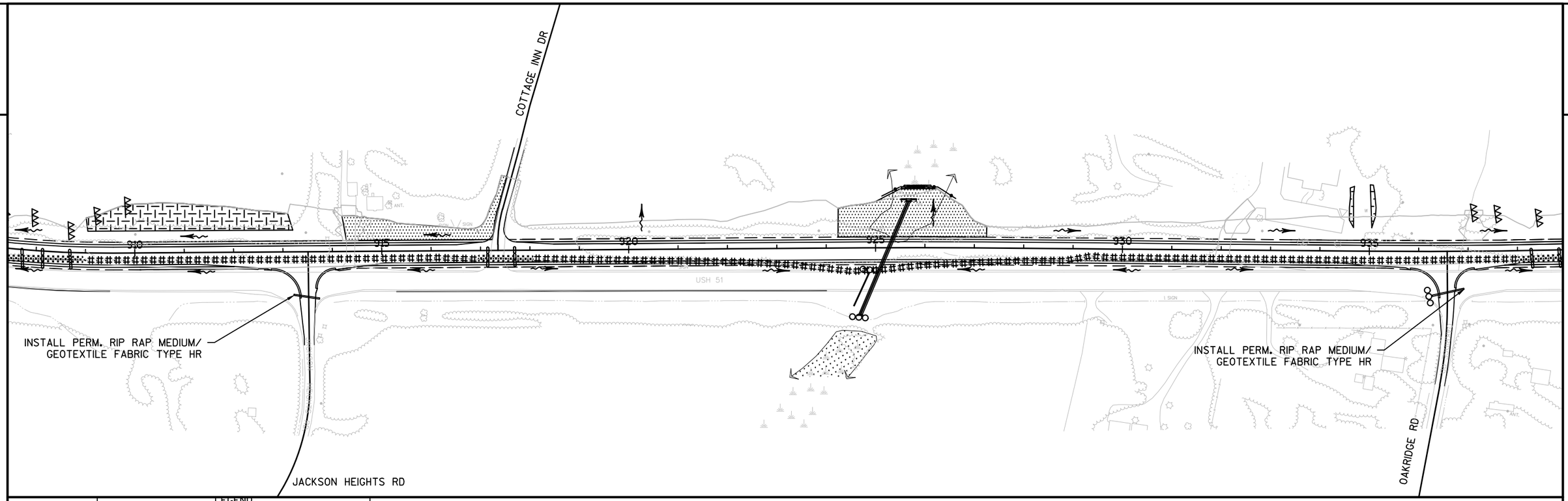
LEGEND	
EMAT CLASS I TYPE A	
EMAT URBAN CLASS I TYPE B	
EMAT CLASS II TYPE B	
EMAT URBAN CLASS I TYPE B (DITCH LINER)	
EMAT CLASS II TYPE B (DITCH LINER)	
SILT FENCE	
TEMPORARY DITCH CHECK	
ROCK BAG DITCH CHECK	
CULVERT CHECK	
SLOPE INTERCEPT	



NOTE: PLACE SILT FENCE WITHIN 2' OF SLOPE INTERCEPT IN LOW FILLS (5' IN HIGH FILLS)

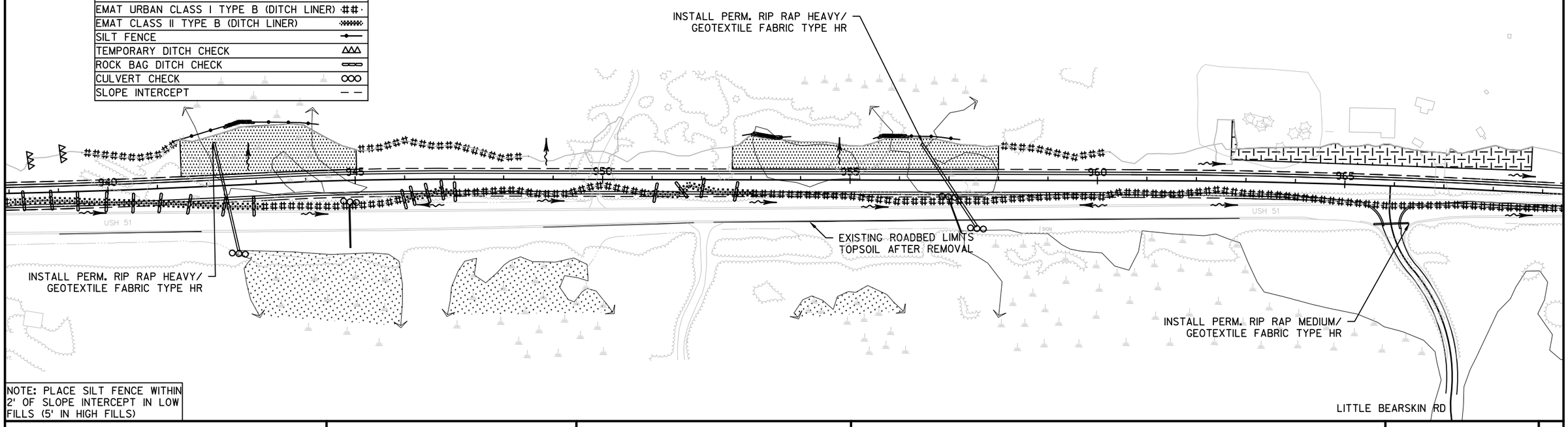
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	EROSION CONTROL - SB AND TEMPORARY DITCH	SHEET 27	E

2



2

LEGEND	
EMAT CLASS I TYPE A	
EMAT URBAN CLASS I TYPE B	
EMAT CLASS II TYPE B	
EMAT URBAN CLASS I TYPE B (DITCH LINER)	##
EMAT CLASS II TYPE B (DITCH LINER)	
SILT FENCE	
TEMPORARY DITCH CHECK	
ROCK BAG DITCH CHECK	
CULVERT CHECK	
SLOPE INTERCEPT	

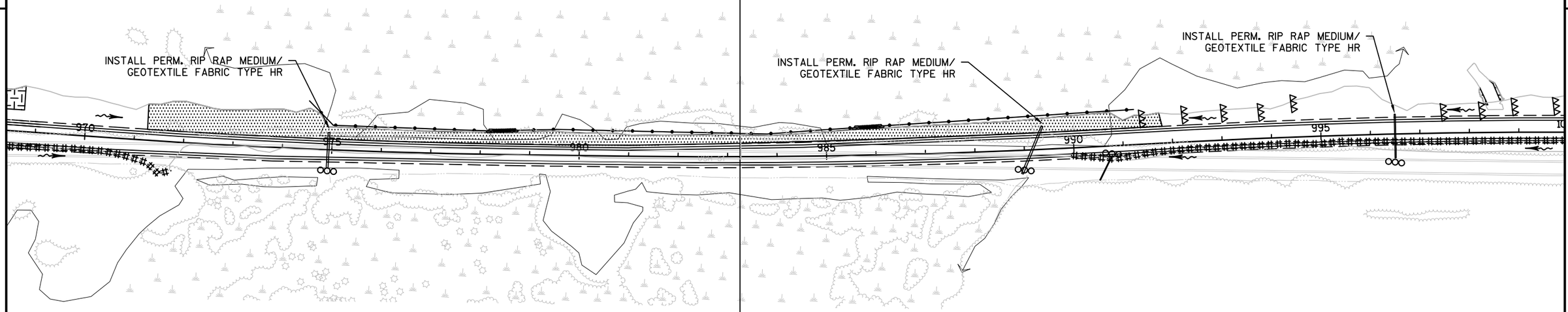


NOTE: PLACE SILT FENCE WITHIN 2' OF SLOPE INTERCEPT IN LOW FILLS (5' IN HIGH FILLS)

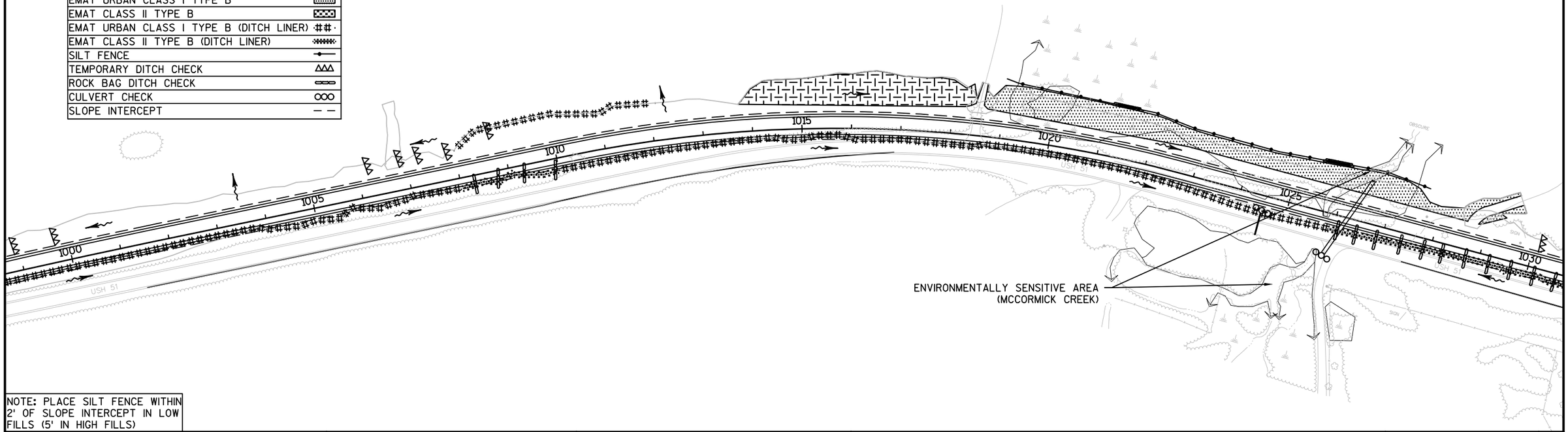
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	EROSION CONTROL - SB AND TEMPORARY DITCH	SHEET 28	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\EROSION CONTROL\EC TEMPORARY DITCH.DWG
LAYOUT NAME - 022002-EC-TEMP
PLOT DATE : 11/10/2015 9:40 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

2



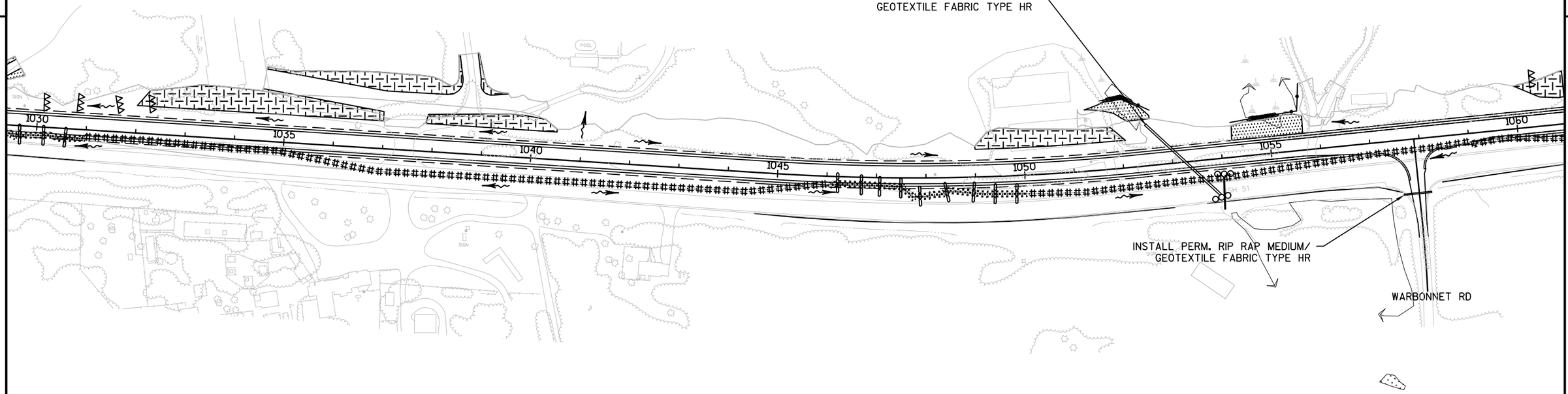
LEGEND	
EMAT CLASS I TYPE A	
EMAT URBAN CLASS I TYPE B	
EMAT CLASS II TYPE B	
EMAT URBAN CLASS I TYPE B (DITCH LINER)	
EMAT CLASS II TYPE B (DITCH LINER)	
SILT FENCE	
TEMPORARY DITCH CHECK	
ROCK BAG DITCH CHECK	
CULVERT CHECK	
SLOPE INTERCEPT	



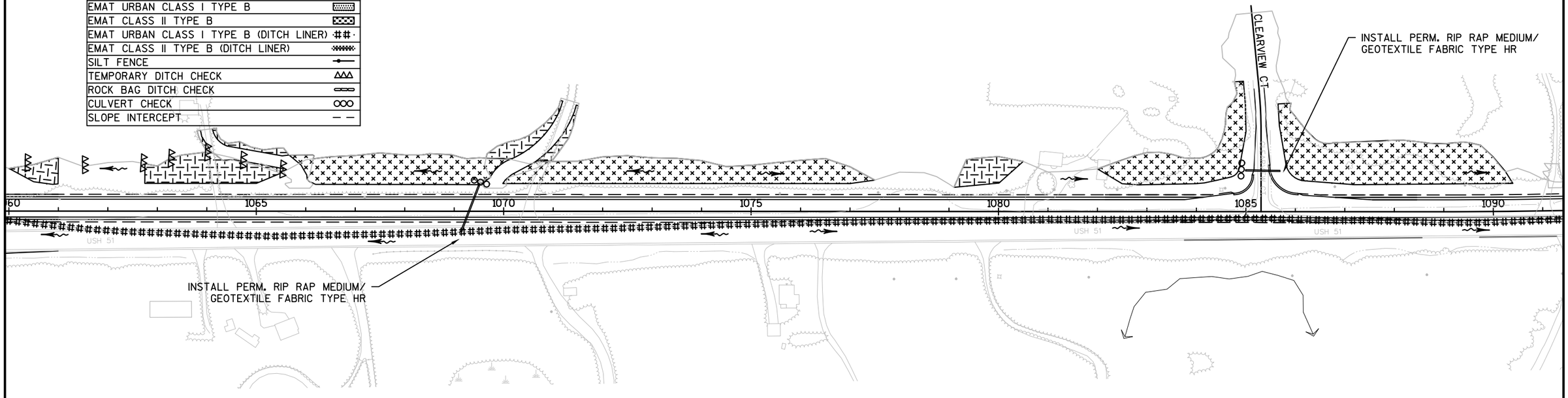
NOTE: PLACE SILT FENCE WITHIN 2' OF SLOPE INTERCEPT IN LOW FILLS (5' IN HIGH FILLS)

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	EROSION CONTROL - SB AND TEMPORARY DITCH	SHEET 29	E

2



LEGEND	
EMAT CLASS I TYPE A	
EMAT URBAN CLASS I TYPE B	
EMAT CLASS II TYPE B	
EMAT URBAN CLASS I TYPE B (DITCH LINER)	
EMAT CLASS II TYPE B (DITCH LINER)	
SILT FENCE	
TEMPORARY DITCH CHECK	
ROCK BAG DITCH CHECK	
CULVERT CHECK	
SLOPE INTERCEPT	

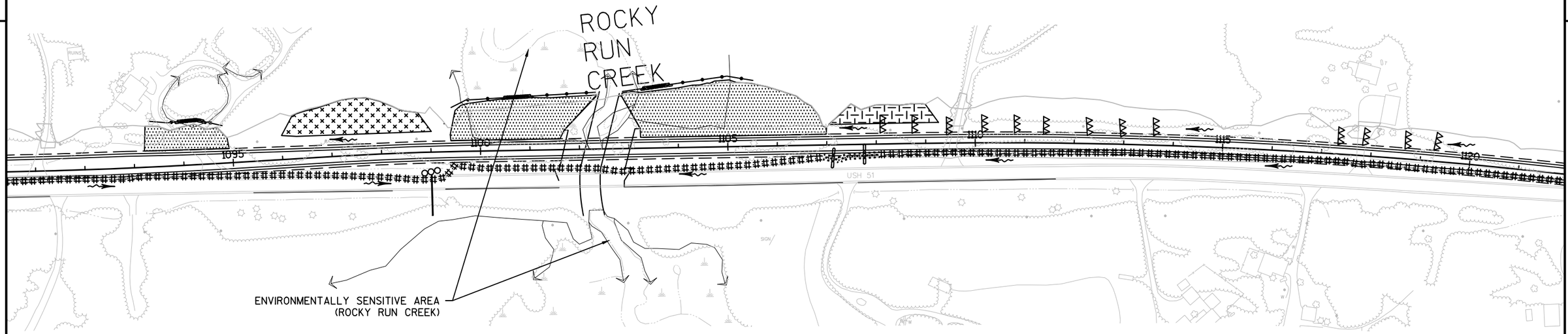


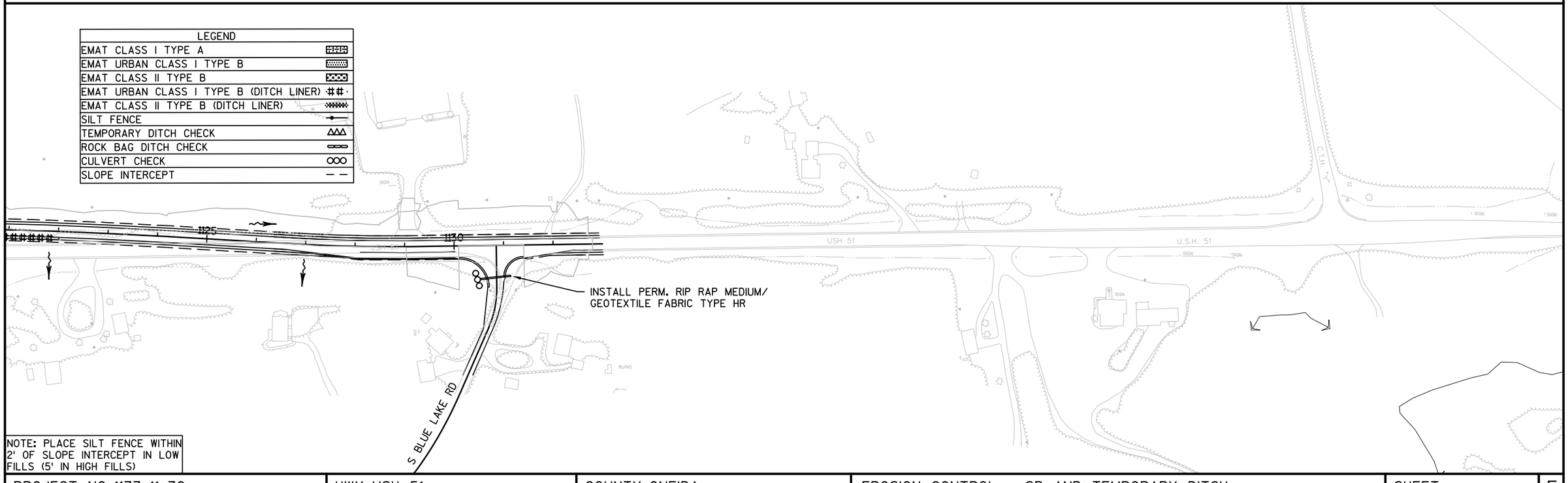
NOTE: PLACE SILT FENCE WITHIN 2' OF SLOPE INTERCEPT IN LOW FILLS (5' IN HIGH FILLS)

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	EROSION CONTROL - SB AND TEMPORARY DITCH	SHEET 30	E

2

2

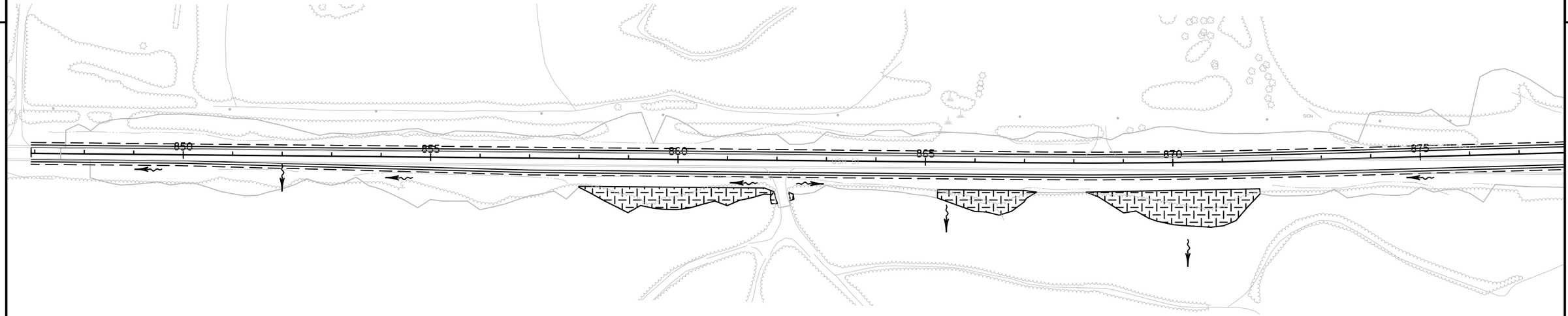




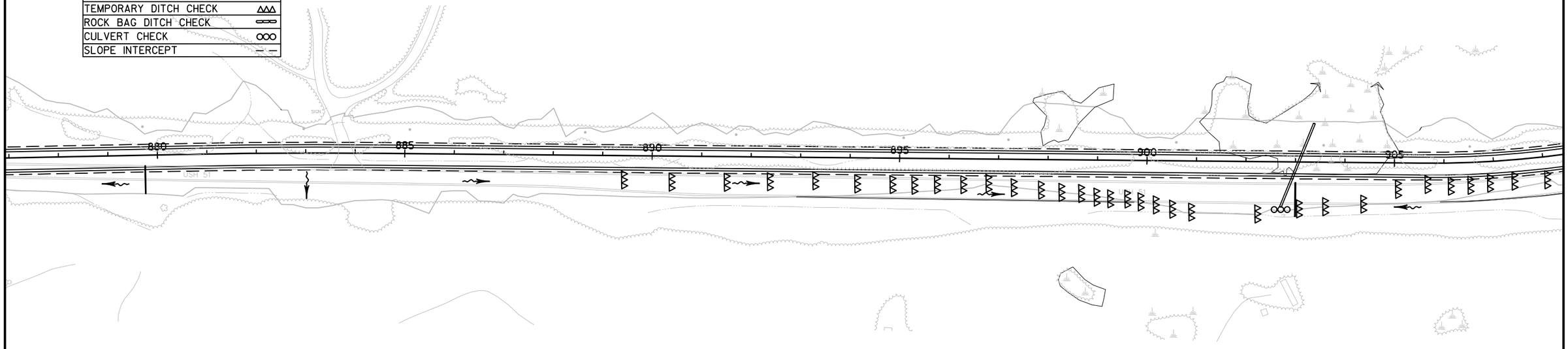
NOTE: PLACE SILT FENCE WITHIN 2' OF SLOPE INTERCEPT IN LOW FILLS (5' IN HIGH FILLS)

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	EROSION CONTROL - SB AND TEMPORARY DITCH	SHEET 31	E

2



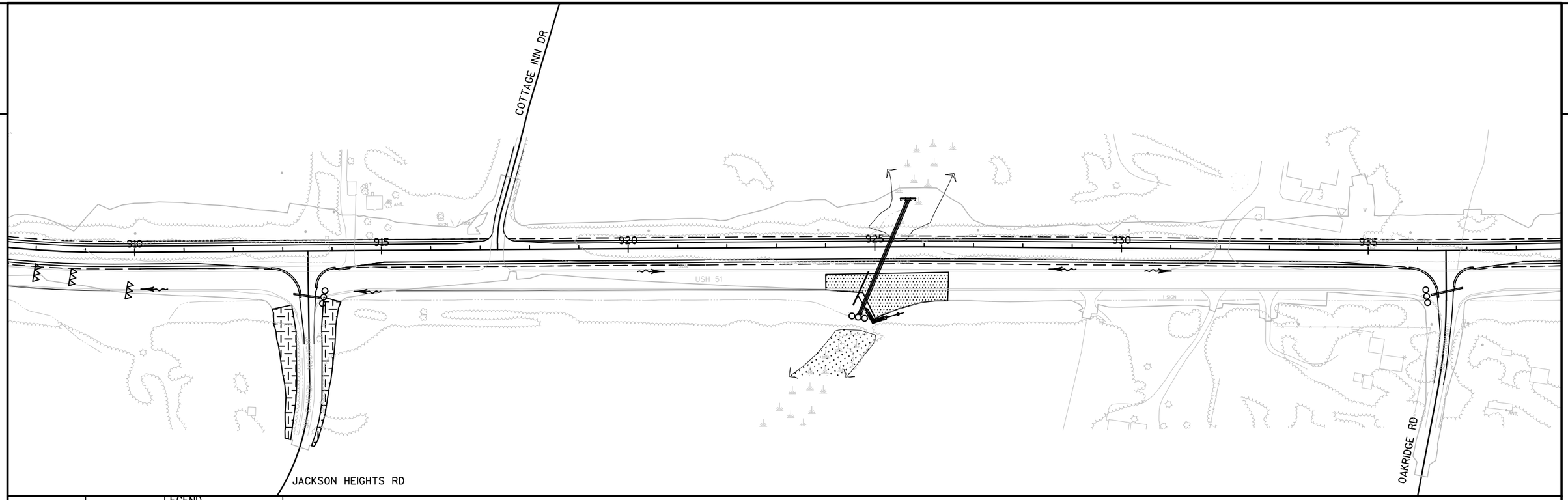
LEGEND	
EMAT CLASS I TYPE A	
EMAT URBAN CLASS 1 TYPE B	
EMAT CLASS II TYPE B	
SILT FENCE	
TEMPORARY DITCH CHECK	
ROCK BAG DITCH CHECK	
CULVERT CHECK	
SLOPE INTERCEPT	



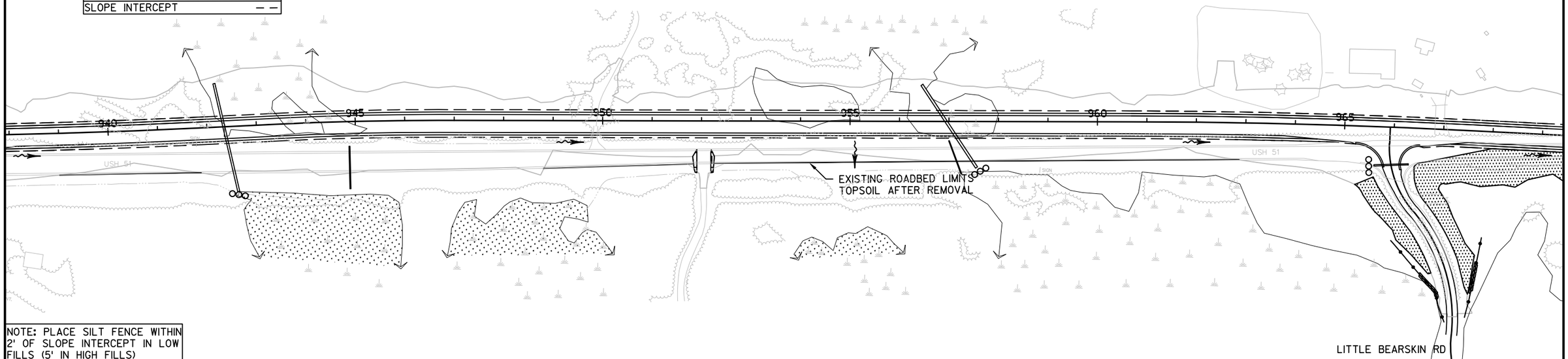
NOTE: PLACE SILT FENCE WITHIN 2' OF SLOPE INTERCEPT IN LOW FILLS (5' IN HIGH FILLS)

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	EROSION CONTROL - NB	SHEET 32	E

2



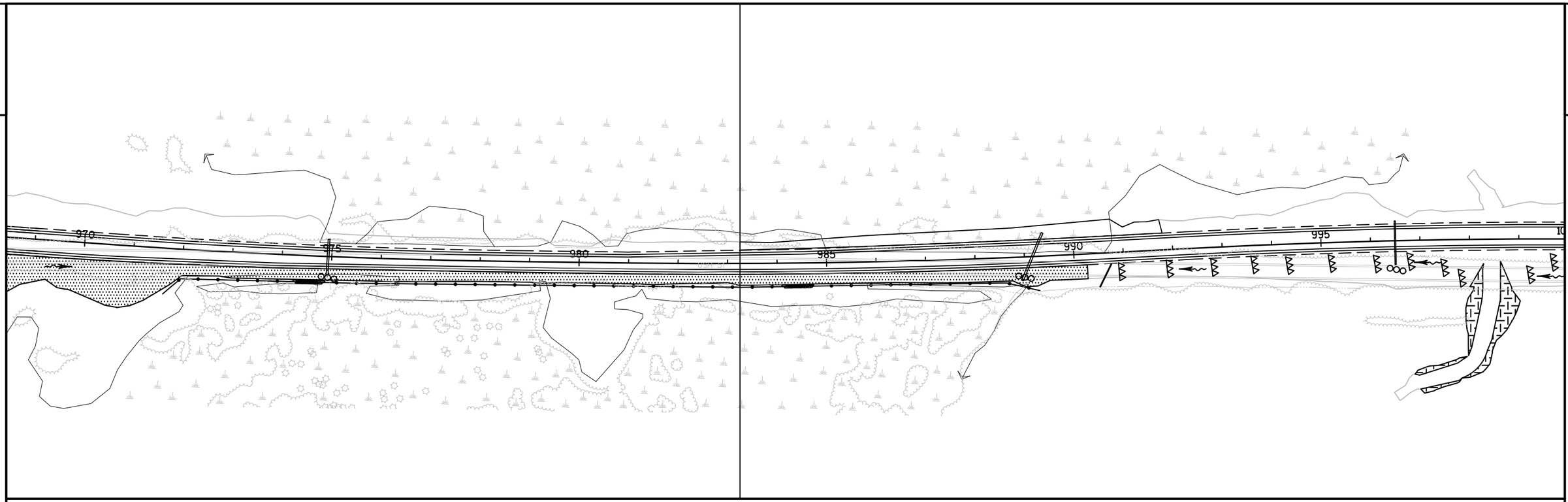
LEGEND
EMAT CLASS I TYPE A
EMAT URBAN CLASS 1 TYPE B
EMAT CLASS II TYPE B
SILT FENCE
TEMPORARY DITCH CHECK
ROCK BAG DITCH CHECK
CULVERT CHECK
SLOPE INTERCEPT



NOTE: PLACE SILT FENCE WITHIN 2' OF SLOPE INTERCEPT IN LOW FILLS (5' IN HIGH FILLS)

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	EROSION CONTROL - NB	SHEET 33	E

2

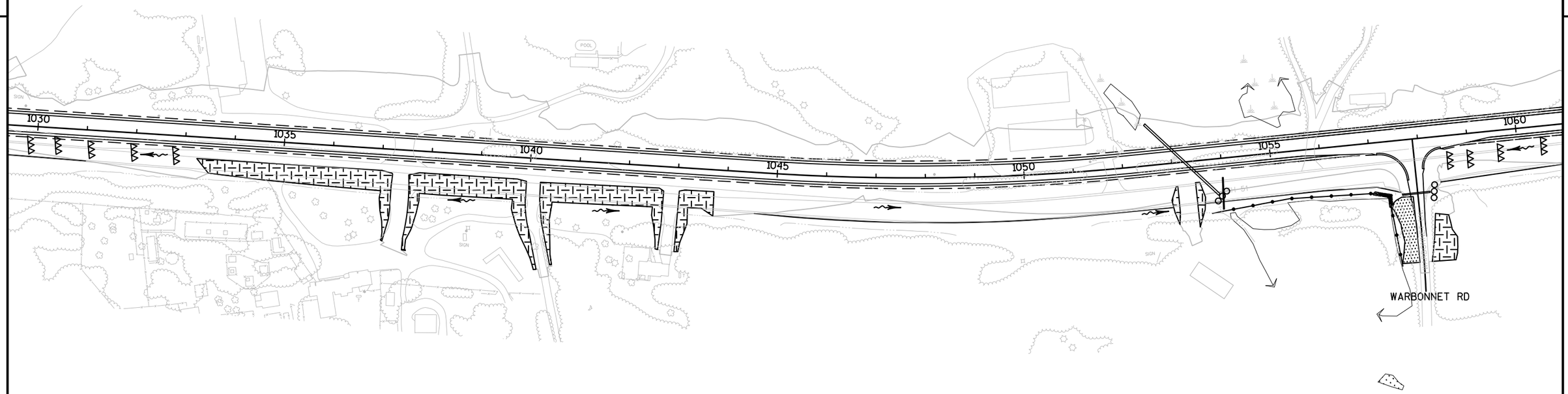


LEGEND	
EMAT CLASS I TYPE A	
EMAT URBAN CLASS 1 TYPE B	
EMAT CLASS II TYPE B	
SILT FENCE	
TEMPORARY DITCH CHECK	
ROCK BAG DITCH CHECK	
CULVERT CHECK	
SLOPE INTERCEPT	

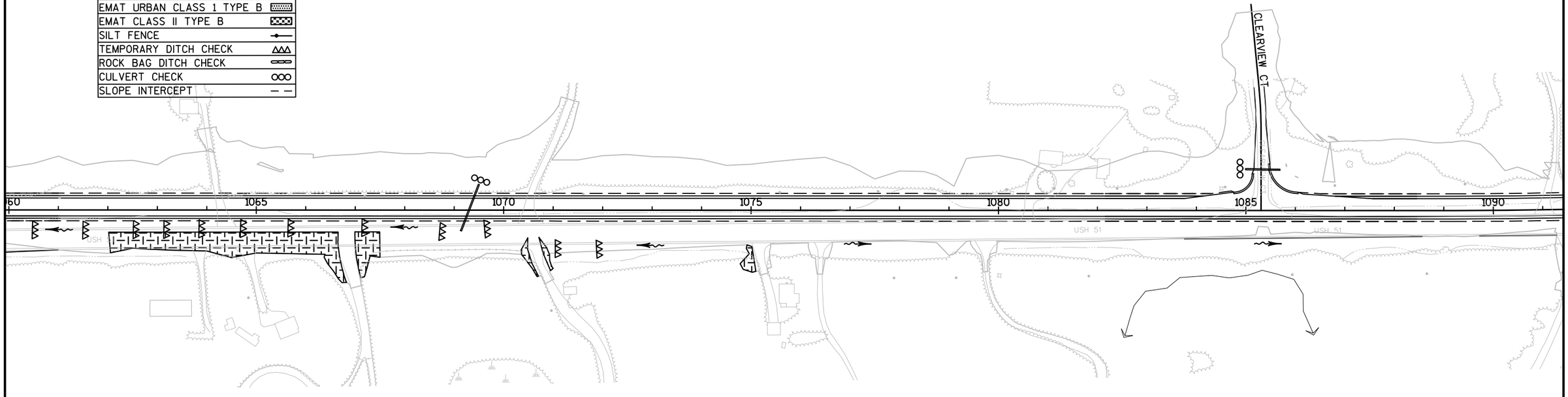
NOTE: PLACE SILT FENCE WITHIN 2' OF SLOPE INTERCEPT IN LOW FILLS (5' IN HIGH FILLS)

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	EROSION CONTROL - NB	SHEET 34	E

2



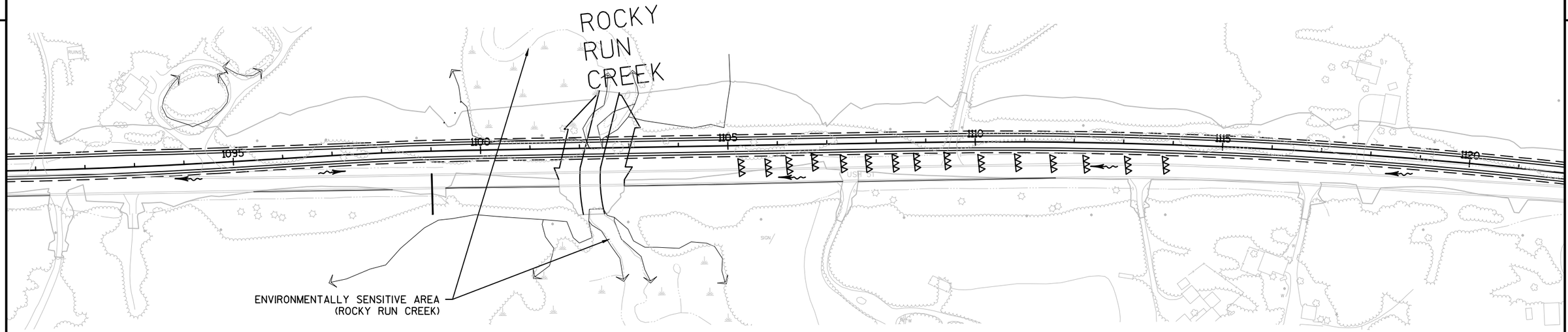
LEGEND
EMAT CLASS I TYPE A
EMAT URBAN CLASS 1 TYPE B
EMAT CLASS II TYPE B
SILT FENCE
TEMPORARY DITCH CHECK
ROCK BAG DITCH CHECK
CULVERT CHECK
SLOPE INTERCEPT



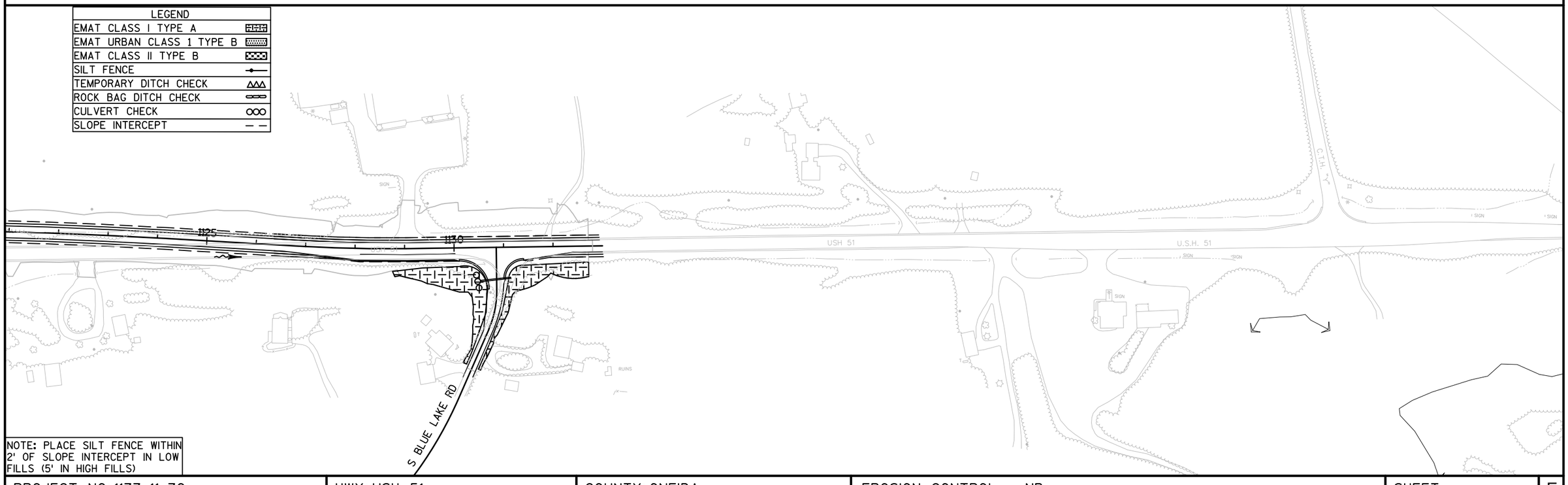
NOTE: PLACE SILT FENCE WITHIN 2' OF SLOPE INTERCEPT IN LOW FILLS (5' IN HIGH FILLS)

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	EROSION CONTROL - NB	SHEET 35	E

2

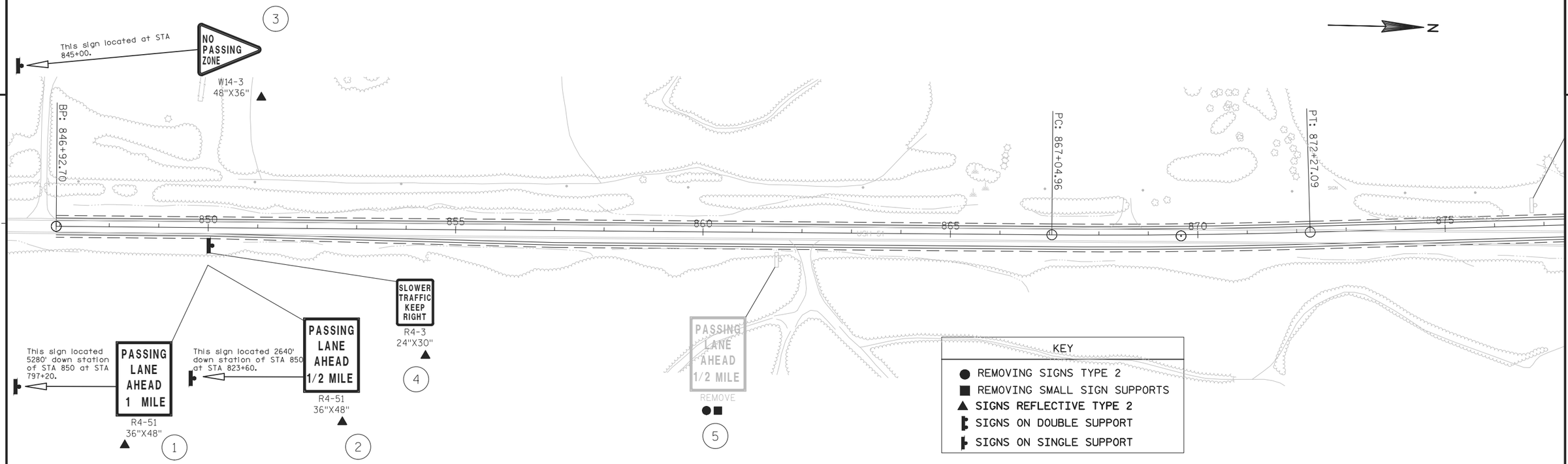


LEGEND	
EMAT CLASS I TYPE A	
EMAT URBAN CLASS 1 TYPE B	
EMAT CLASS II TYPE B	
SILT FENCE	
TEMPORARY DITCH CHECK	
ROCK BAG DITCH CHECK	
CULVERT CHECK	
SLOPE INTERCEPT	



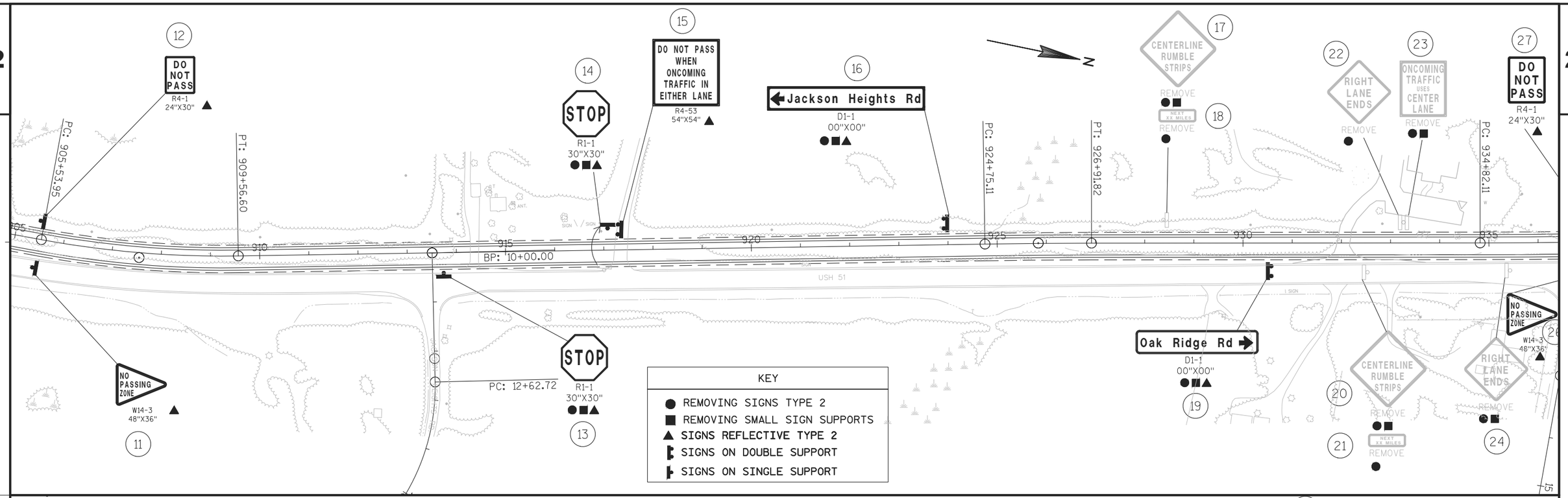
NOTE: PLACE SILT FENCE WITHIN 2' OF SLOPE INTERCEPT IN LOW FILLS (5' IN HIGH FILLS)

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	EROSION CONTROL - NB	SHEET 36	E

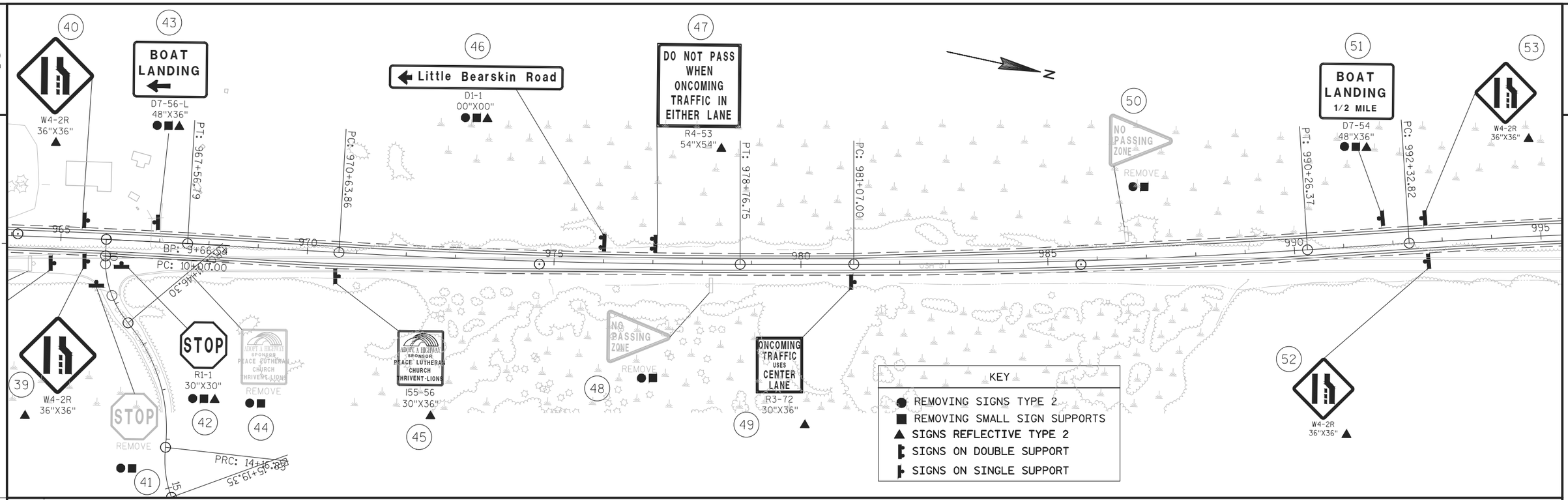


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PERMANENT SIGNING	SHEET	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\023201-PS.DWG PLOT DATE : 8/1/2015 3:32 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:200 FT

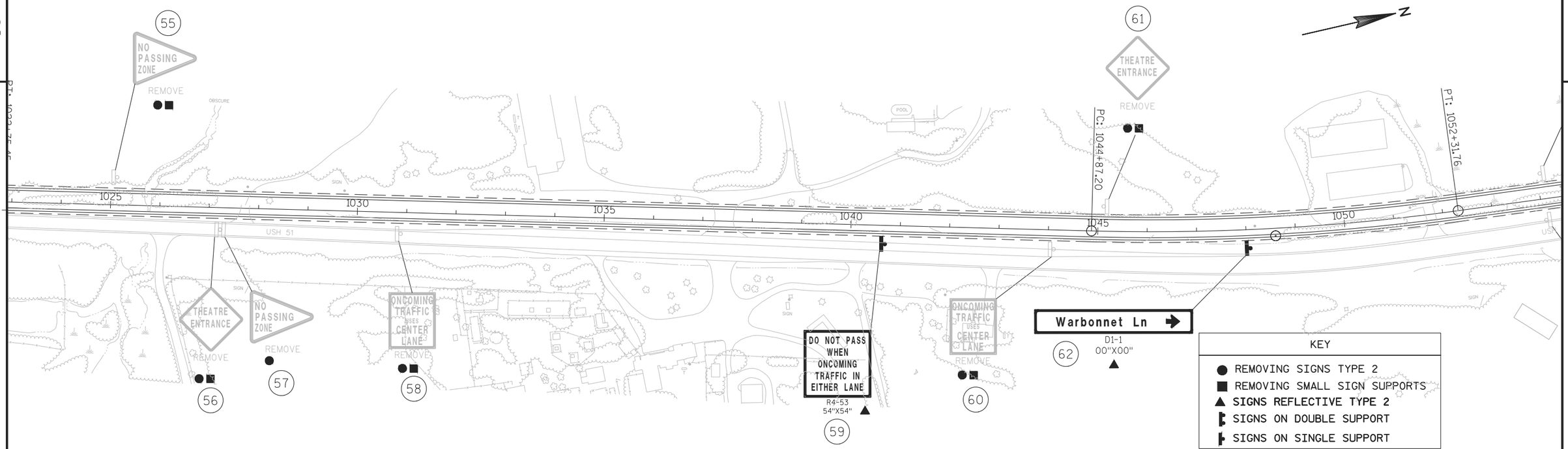


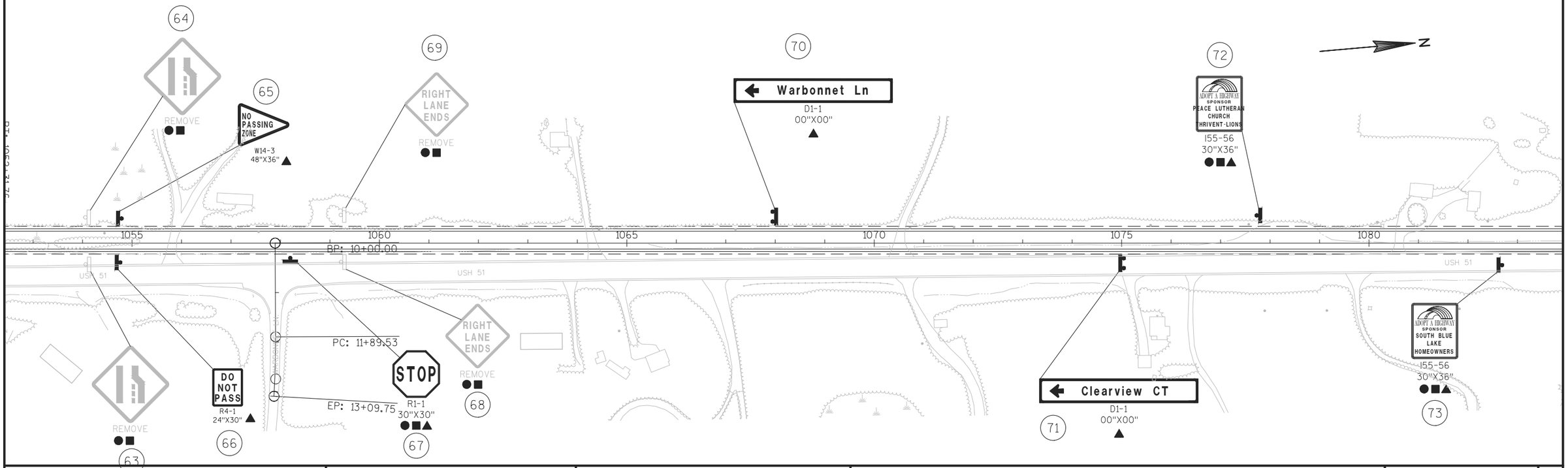
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PERMANENT SIGNING	SHEET 38	E



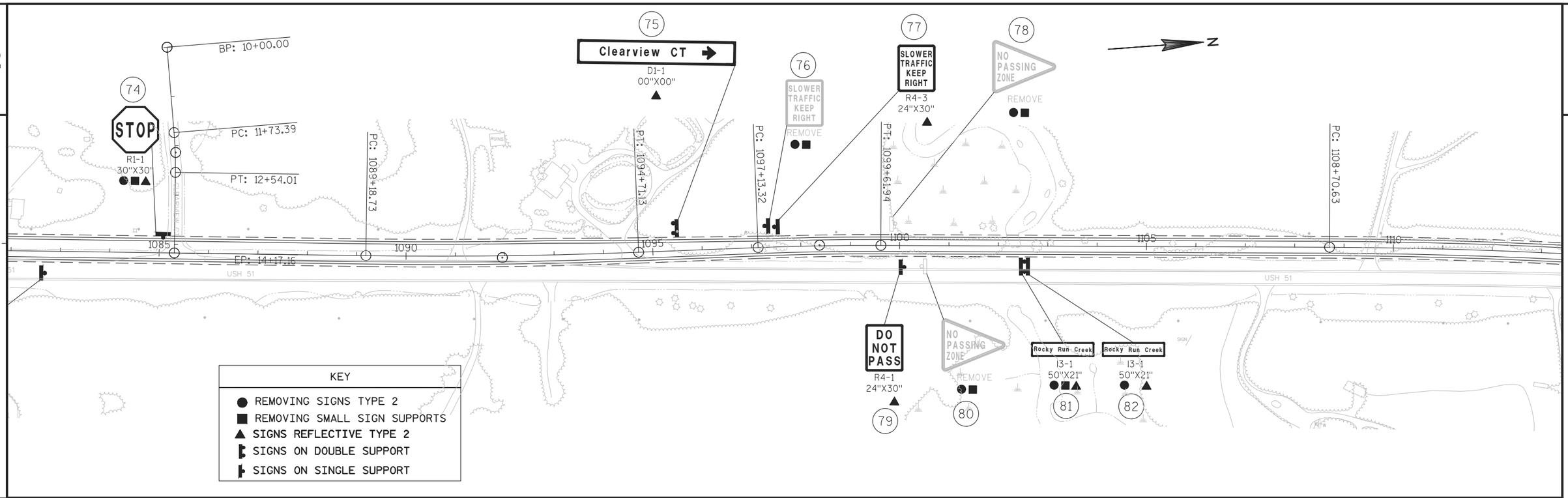


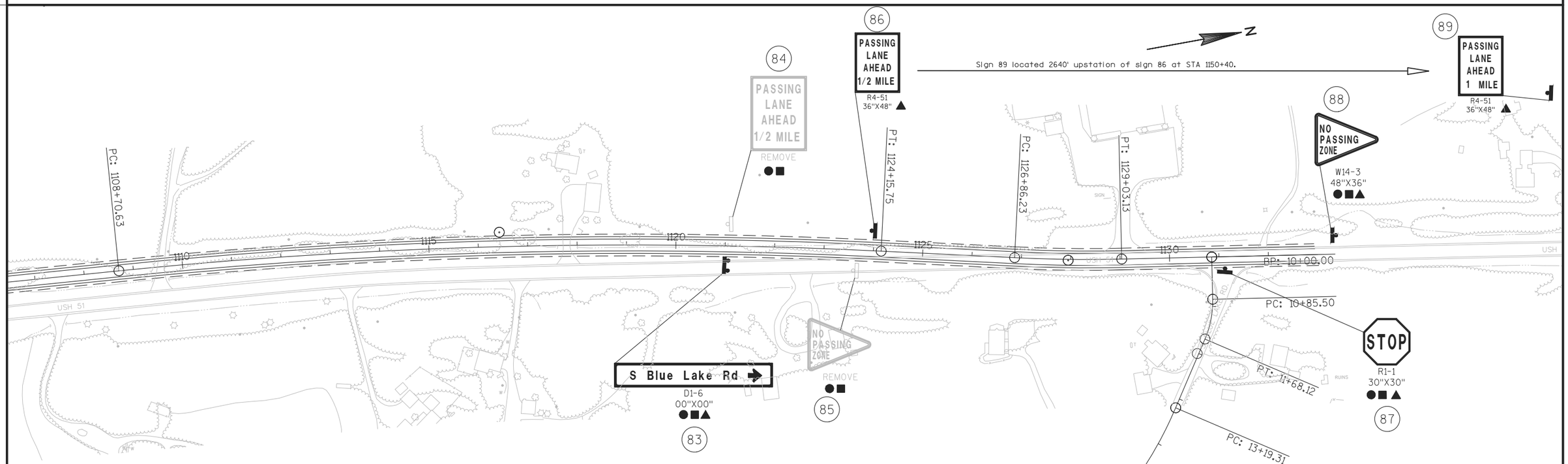
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PERMANENT SIGNING	SHEET 39	E



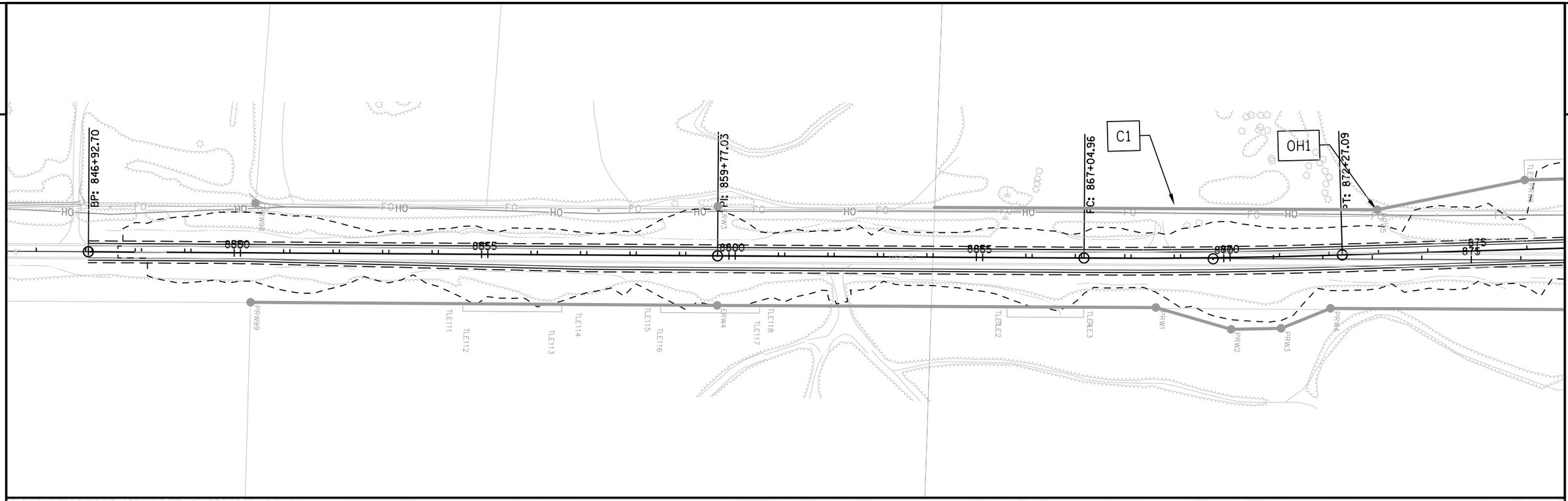


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PERMANENT SIGNING	SHEET 40	E





PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PERMANENT SIGNING	SHEET 41	E

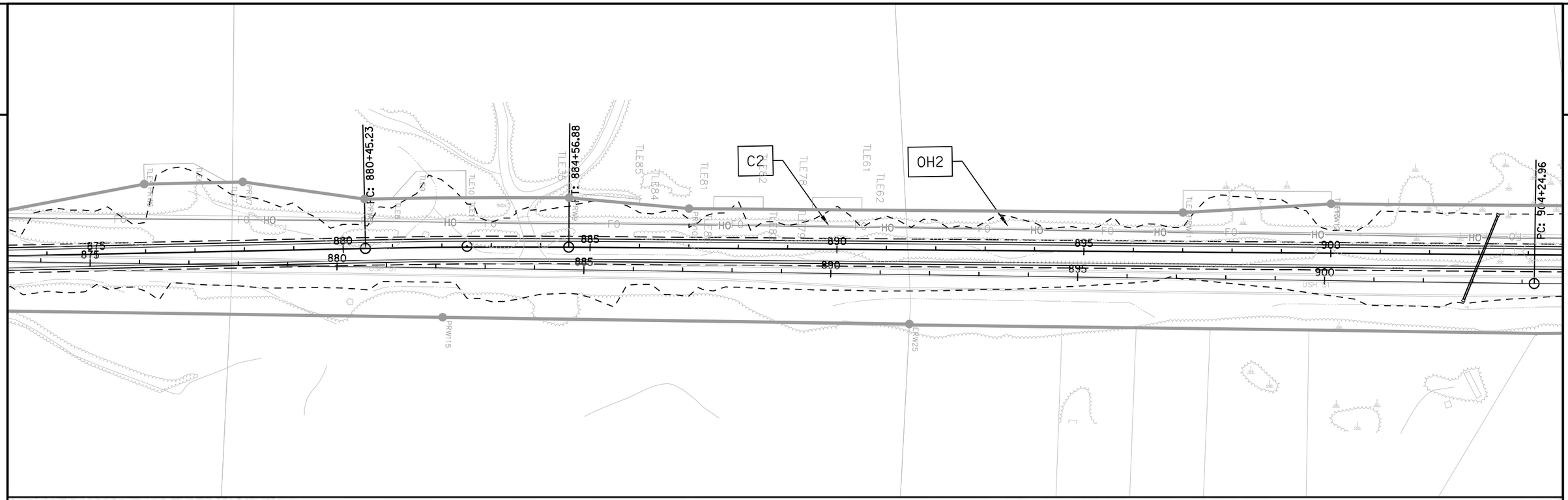


UTILITY CONFLICT REPORT

Conflict ID	Utility	Facility Type	Roadway	FROM Station	FROM Offset	TO Station	TO Offset	May Be In Conflict With:	In Conflict?	Vacated in Place?	If Vacated, Products or Haz Mat	CORRECTIVE ACTION (determined by utility) UTILTY WORK SCHEDULE: PRIOR to WisDOT Construction	DURING WisDOT Construction	Anticipated Working Days to Complete[2]	Site Prep Required by WisDOT OR (if no prep) Anticipated Start Date	Relocating Jointly With:	Additional Information
OH1	WPS Electric	OH Line	USH 51	859+00	Left	876+00	Left	Grading	Y	No-Remove		Y		2	8/15/2015	NA	Remove OH Electric on west side of USH 51
C1	Frontier Communications	UG line	USH 51	859+00	Left	876+00	Left	Grading	N	Y	N	Y	Y	14	Need R/W Staked East side Need station staked at		FOC must be replaced splice to Splice to avoid outages

1 – Utilities are ultimately responsible for identifying conflicts. As a courtesy, WisDOT has provided this list of potential conflicts. Do NOT assume the list is accurate or complete. Additional rows are provided at the bottom of the table for utilities to add any other potential conflicts.

2 – Please include ONLY the time your workers will be ON SITE. When utility work is dependent on work performed by WisDOT's contractor, WisDOT instructs the contractor to provide a good faith notice to both the construction engineer and the affected utility 14 to 16 calendar days prior to the site being ready for utility work. In addition, WisDOT instructs the contractor to provide a confirmation notice to the construction engineer and the utility 3 to 5 working days before the site will be ready for the utility to begin work. This confirmation notice is intended to provide time for Diggers Hotline locates and utility mobilization. If you need additional lead time, note it in the "Additional Information" column.

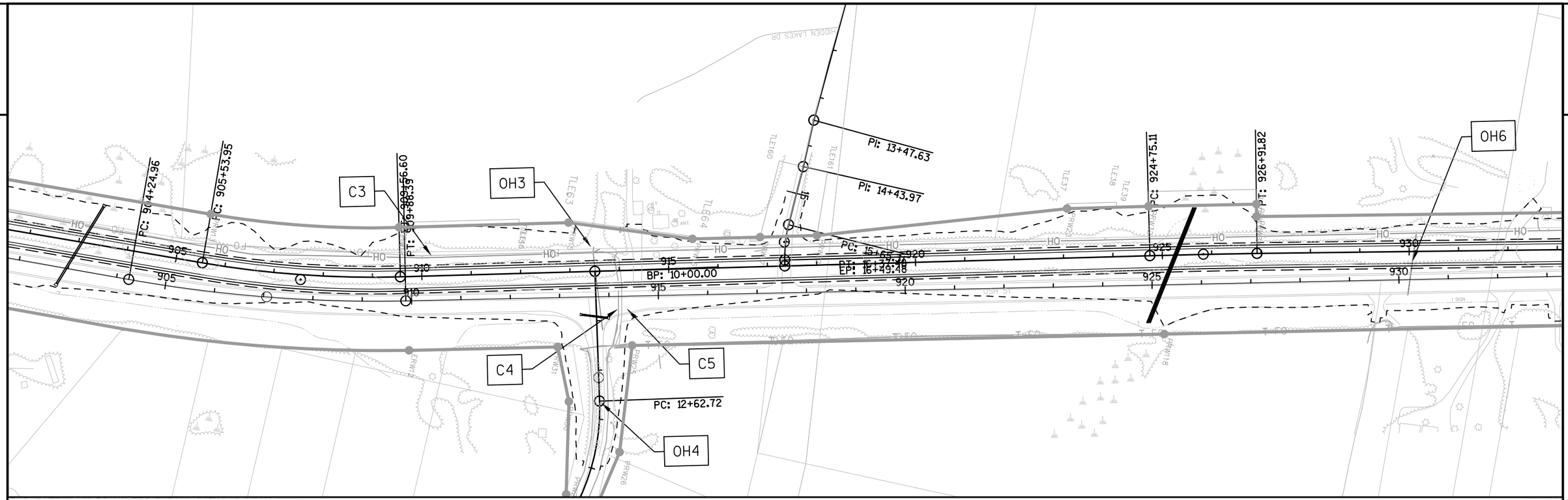


UTILITY CONFLICT REPORT

Conflict ID	Utility	Facility Type	Roadway	FROM Station	FROM Offset	TO Station	TO Offset	May Be In Conflict With:	CORRECTIVE ACTION (determined by utility): In Conflict?	Vacated in Place?	If Vacated, Products or Haz Mat	UTILTY WORK SCHEDULE: PRIOR to WisDOT Construction	DURING WisDOT Construction	Anticipated Working Days to Complete[2]	Site Prep Required by WisDOT OR (if no prep) Anticipated Start Date	Relocating Jointly With:	Additional Information
OH2	WPS Electric	OH Line	USH 51	876+00	Left	904+00	Left	Grading	Y	No-Remove		Y		2	8/15/2015	NA	Remove OH Electric on west side of USH 51
C2	Frontier Communications	UG line	USH 51	876+00	Left	904+00	Left	Grading	Y	Y	N	Y			once R/w is staked 14 days		Same as C1 and C3

1 – Utilities are ultimately responsible for identifying conflicts. As a courtesy, WisDOT has provided this list of potential conflicts. Do NOT assume the list is accurate or complete. Additional rows are provided at the bottom of the table for utilities to add any other potential conflicts.

2 – Please include ONLY the time your workers will be ON SITE. When utility work is dependent on work performed by WisDOT's contractor, WisDOT instructs the contractor to provide a good faith notice to both the construction engineer and the affected utility 14 to 16 calendar days prior to the site being ready for utility work. In addition, WisDOT instructs the contractor to provide a confirmation notice to the construction engineer and the utility 3 to 5 working days before the site will be ready for the utility to begin work. This confirmation notice is intended to provide time for Diggers Hotline locates and utility mobilization. If you need additional lead time, note it in the "Additional Information" column.

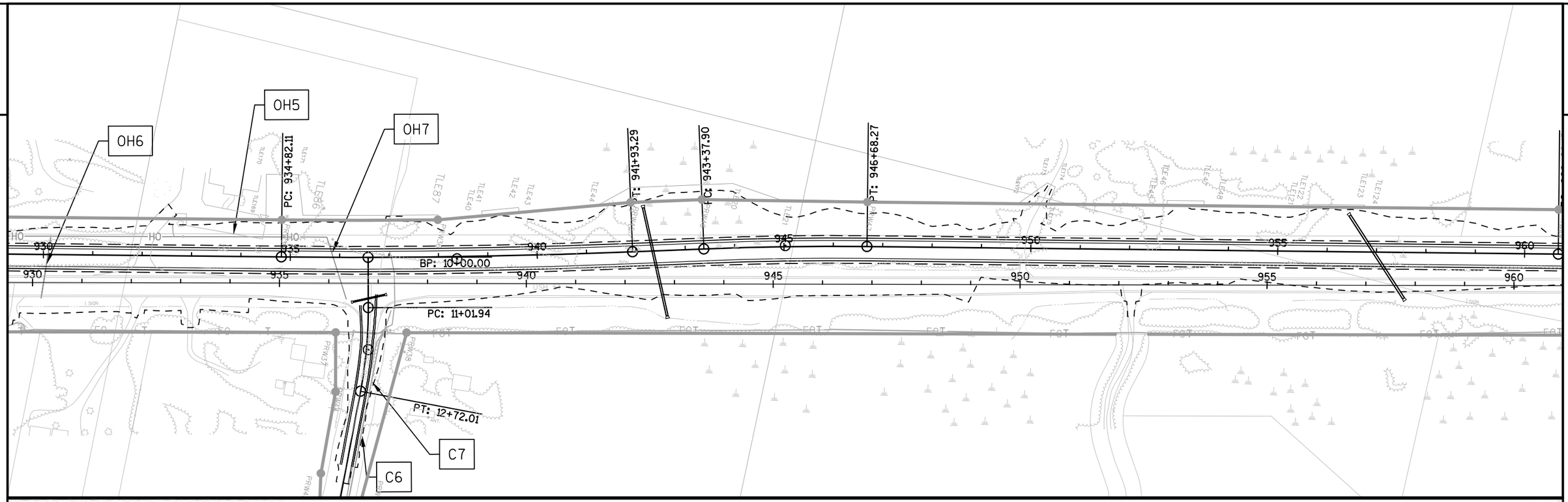


UTILITY CONFLICT REPORT

Conflict ID	Utility	Facility Type	Roadway	FROM Station	FROM Offset	TO Station	TO Offset	May Be In Conflict With:	CORRECTIVE ACTION (determined by utility) In Conflict?	Vacated in Place?	If Vacated, Products or Haz Mat	UTILITY WORK SCHEDULE PRIOR to WisDOT Construction	UTILITY WORK SCHEDULE DURING WisDOT Construction	UTILITY WORK SCHEDULE Anticipated Working Days to Complete[2]	UTILITY WORK SCHEDULE Site Prep Required by WisDOT OR (if no prep) Anticipated Start Date	UTILITY WORK SCHEDULE Relocating Jointly With:	Additional Information
OH3	WPS Electric	OH Line	USH 51	904+00	Left	932+00	Left	Roadway and Grading	Y	No-Remove		Yes		2	8/15/2015	NA	Remove OH Electric on west side of USH 51
OH4	WPS Electric	OH Line	Jackson Heights Road	10+00	Left	14+00	Left	Cutting Road Profile	Y	N		Yes		2	8/15/2015	NA	Remove OH Electric on west side of USH 51
C3	Frontier Communications	UG line	USH 51	904+00	Left	914+00	Left	Roadway and Grading	Y	Y	N	Yes		14	Same as C1		place on east side
C4	Frontier Communications	UG line	Jackson Heights	10+00	Right	14+00	Right	Cutting Road Profile	Y	Y	N	Yes		5	Need PRW cleared		And Staked
C5	Frontier Communications	UG line	Jackson Heights	10+00	Right	14+00	Left	Cutting Road Profile	Y	Y	N	Yes		5	Need PRW cleared		Replaced feed at 918+10

1 – Utilities are ultimately responsible for identifying conflicts. As a courtesy, WisDOT has provided this list of potential conflicts. Do NOT assume the list is accurate or complete. Additional rows are provided at the bottom of the table for utilities to add any other potential conflicts.

2 – Please include ONLY the time your workers will be ON SITE. When utility work is dependent on work performed by WisDOT's contractor, WisDOT instructs the contractor to provide a good faith notice to both the construction engineer and the affected utility 14 to 16 calendar days prior to the site being ready for utility work. In addition, WisDOT instructs the contractor to provide a confirmation notice to the construction engineer and the utility 3 to 5 working days before the site will be ready for the utility to begin work. This confirmation notice is intended to provide time for Diggers Hotline locates and utility mobilization. If you need additional lead time, note it in the "Additional Information" column.

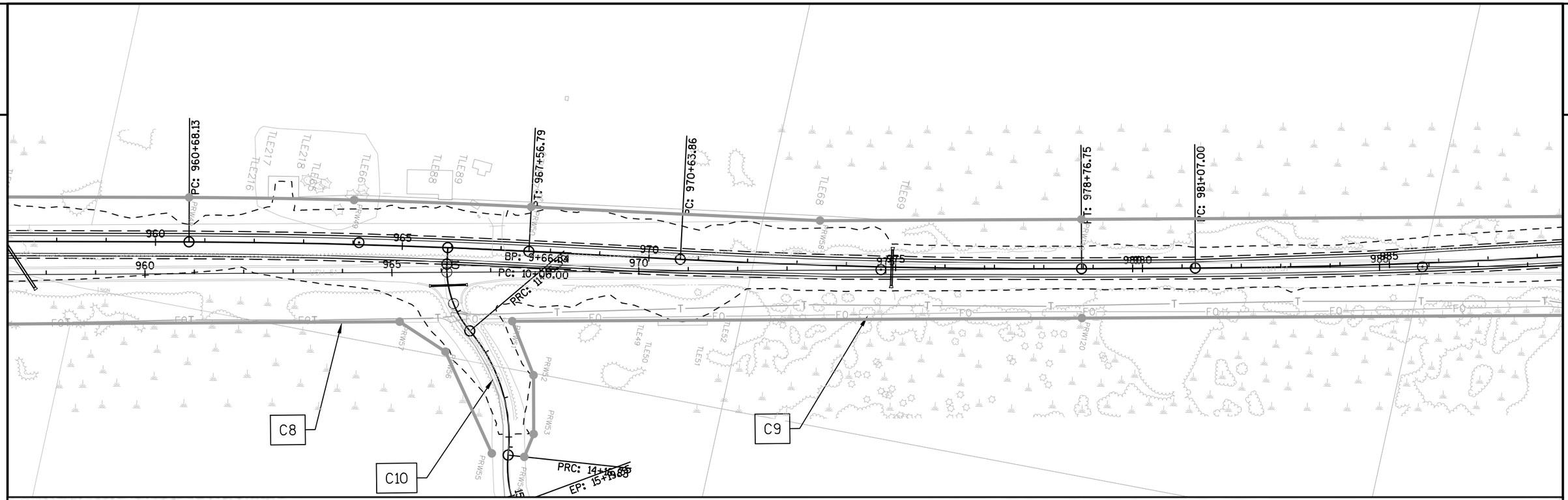


UTILITY CONFLICT REPORT

Conflict ID	Utility	Facility Type	Roadway	FROM Station	FROM Offset	TO Station	TO Offset	May Be In Conflict With:	CORRECTIVE ACTION (determined by utility) In Conflict?	Vacated in Place?	If Vacated, Products or Haz Mat	UTILTY WORK SCHEDULE PRIOR to WisDOT Construction	DURING WisDOT Construction	Anticipated Working Days to Complete[2]	Site Prep Required by WisDOT OR (if no prep) Anticipated Start Date	Relocating Jointly With:	Additional Information
OH5	WPS Electric	OH Line	USH 51	932+00	Left	936+00	Left	Grading	Y	No-Remove		Y		2	8/15/2015		Relocate OH elec.to north R/W of Jackson Heights Rd.
OH6	WPS Electric	OH Line	USH 51	930+00	Crossing	---	---	Roadway and Grading	Y	N		Y		1	8/15/2015		Replace pole at left offset-crossing to remain
OH7	WPS Electric	OH Line	USH 51	936+00	Crossing	---	---	Roadway and Grading	Y	No-Remove		Y		1	8/15/2015		Electric crossing to be removed
C6	Frontier Communications	UG line	Oak Ridge Road	11+00	Left	14+00	Left	Cutting Road Profile	Y	Y	N	Y		5	East PRW cleared R/W staked 929RT-938RT	WPSC	
C7	Frontier Communications	UG line	Oak Ridge Road	10+00	Left	14+00	Left	Cutting Road Profile	Y	Y	N	Y		5	Same	WPSC	

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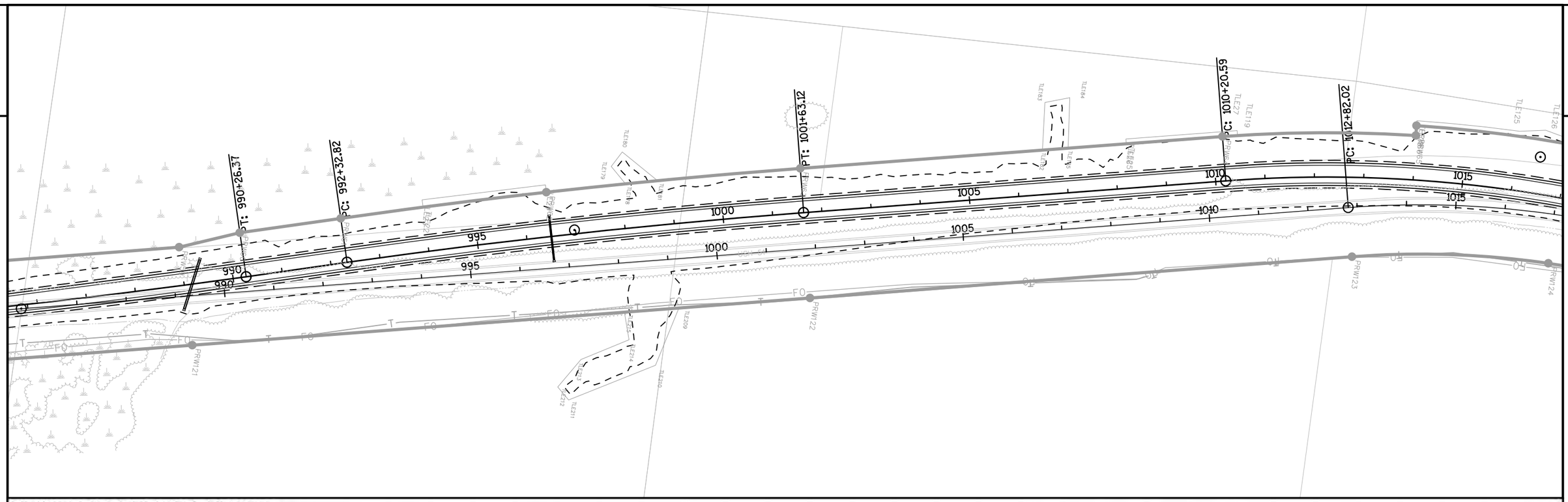


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C8	Frontier Communications	UG line	USH 51	965+00	Right	972+00	Right	Grading	Y	Y	N	Y			PR/W clearing and marking		
C9	Frontier Communications	UG line	USH 51	965+00	Right	972+00	Right	Grading	Y	Y	N	Y	Y		8/25/2015 Mark R/W		New cable will be placed tight To R/W requesting 72 hrs notice
C10	Frontier Communications	UG line	Little Bearskin Road	11+00	Right	14+00	Right	Cutting Road Profile	Y	Y	N	Y		5	PRW clearing an marking		

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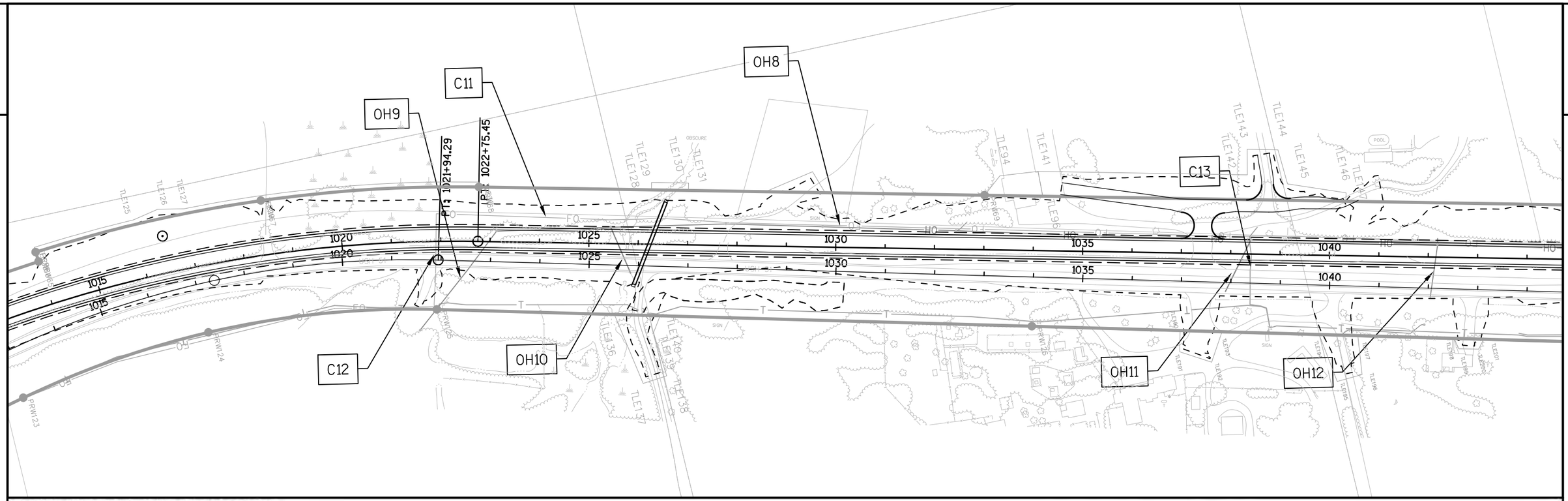
2

UTILITY CONFLICT REPORT

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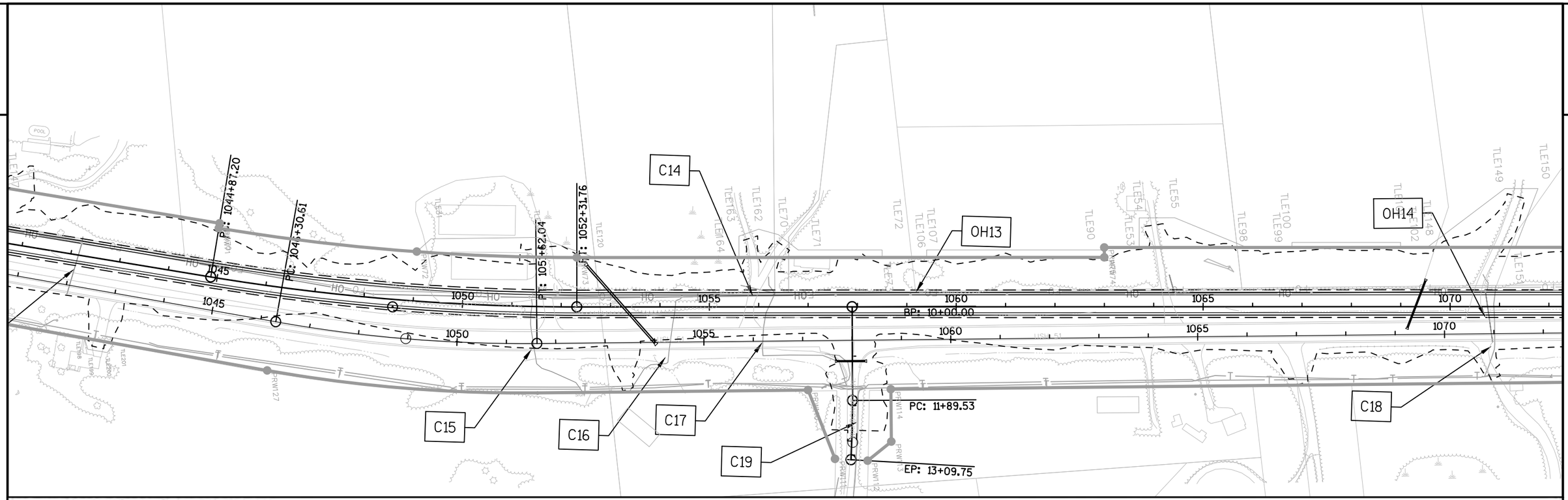


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OH8	WPS Electric	OH Line	USH 51	1023+00	Left	1041+00	Left	Roadway and Grading	Y	No-Remove		Y		2	11/16/2015	NA	Remove OH Electric on west side of USH 51
OH9	WPS Electric	OH Line	USH 51	1022+50	Crossing	---	---	Roadway and Grading	Y	No-Remove		Y		1	11/16/2015	NA	Electric crossing to be removed
OH10	WPS Electric	OH Line	USH 51	1025+50	Crossing	---	---	Roadway and Grading	Y	No-Remove		Y		1	11/16/2015	NA	Electric crossing to be removed
OH11	WPS Electric	OH Line	USH 51	1038+50	Crossing	---	---	Roadway and Grading	Y	No-Remove		Y		1	11/16/2015	NA	Electric crossing to be removed
OH12	WPS Electric	OH Line	USH 51	1042+00	Crossing	---	---	Roadway and Grading	Y	No-Remove		Y		1	11/16/2015	NA	Relocate poles at left and right offsets-crossing to remain over US51
C11	Frontier Communications	UG line	USH 51	1022+00	Left	1044+00	Left	Roadway and Grading	Y	Y	N	Y		14			
C12	Frontier Communications	UG line	USH 51	1022+00	Crossing	---	---	Topsoil Stripping	Y	Y	N	Y		14	will need R/W staked on East side from this Sta		
C13	Frontier Communications	UG line	USH 51	1038+50	Crossing	---	---	Cutting Road Profile	Y	Y	N	Y	Y	4	will need R/W cleared at 1039+00 110LT		

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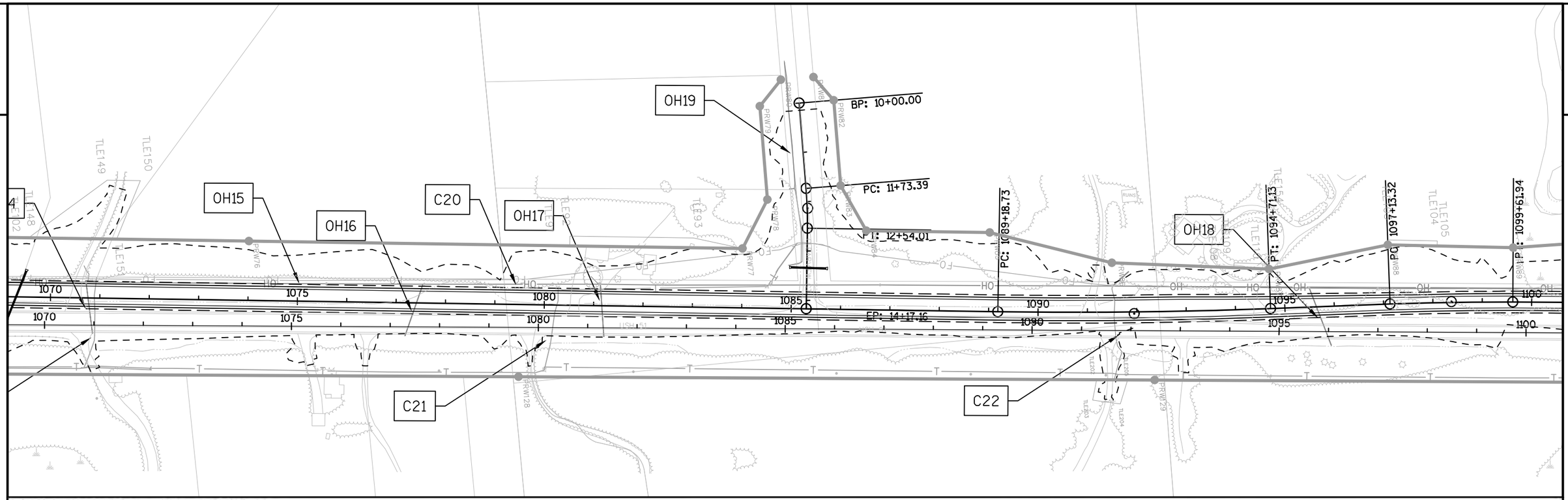


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OH13	WPS Electric	OH Line	USH 51	1041+00	Left	1072+00	Left	Roadway and Grading	Y	No-Remove		Y		3	11/16/2015	NA	Remove OH Electric on west side of USH 51
OH14	WPS Electric	OH Line	USH 51	1071+00	Crossing	---	---	Roadway and Grading	Y	Yes-87' UG elec.	N	Y		2	10/15/2015	NA	Relocate pole at left offset to R/W edge, maintain OH elec crossing, relocate UG elec. At left offset-see work plan sketches-pole location 3806-27R7
C14	Frontier Communications	UG line	USH 51	1044+00	Left	1072+00	Left	Roadway and Grading	Y	Y	N		Y	4	use care when burying peds		Frontier will w/w req 72 hrs notice
C15	Frontier Communications	UG line	USH 51	1056+00	Crossing	---	---	Topsoil Stripping	Y	No-Remove		Y		3	11/16/2015	NA	Remove OH Electric on west side of USH 51
C16	Frontier Communications	UG line	USH 51	1071+00	Crossing	---	---	Cutting Road Profile	Y	No-Remove		Y		1	11/16/2015	NA	Electric crossing to be removed
C17	Frontier Communications	UG line	USH 51	1056+00	Crossing	---	---	Roadway and Grading	Y	Y	N		Y	Same 4	use care if ex req		Frontier to W/W Req 72 hr notice
C18	Frontier Communications	UG line	USH 51	1071+00	Crossing	---	---	Roadway and Grading	Y	Y	N	Y	Y	4	stake at R/W for slope offset		Will need to lower ped during Grading
C19	Frontier Communications	UG line	Warbonnet Lane	11+50	Left	13+00	Left	Grading	Y	Y	N	Y		4	PR/W staked and cleared		

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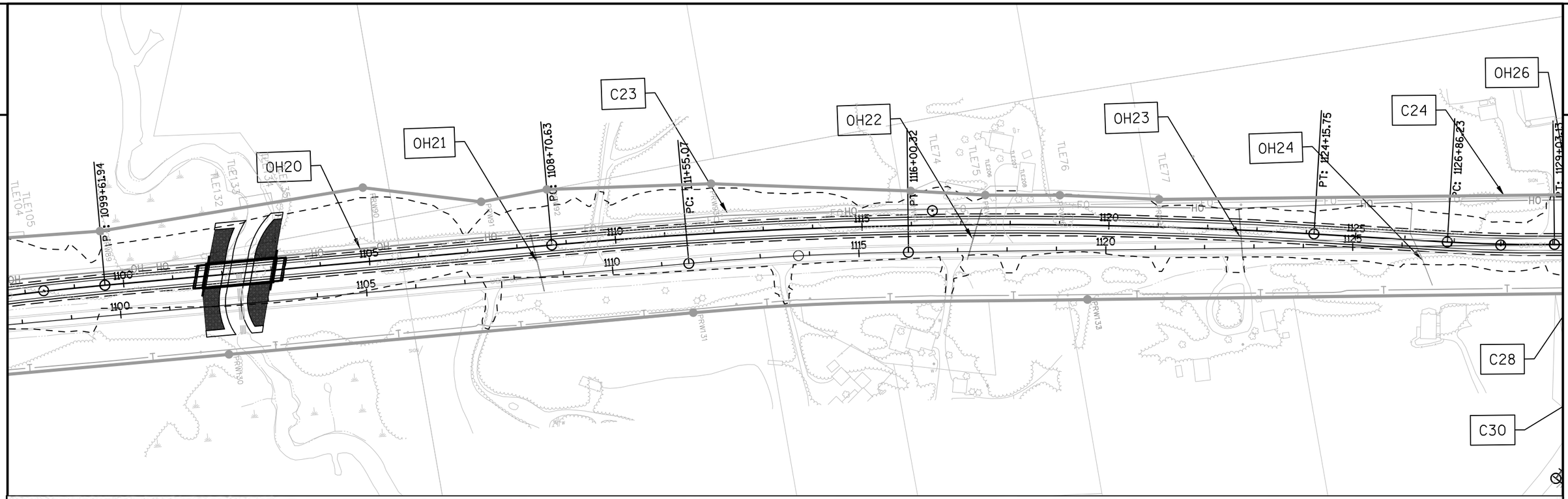


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OH15	WPS Electric	OH Line	USH 51	1072+00	Left	1100+00	Left	Roadway and Grading	Y	No-Remove		Y		3	11/16/2015	NA	Remove OH Electric on west side of USH 51
OH16	WPS Electric	OH Line	USH 51	1077+50	Crossing	---	---	Roadway and Grading	Y	No-Remove		Y		1	11/16/2015	NA	Electric crossing to be removed
OH17	WPS Electric	OH Line	USH 51	1081+00	Crossing	---	---	Roadway and Grading	Y	No-Remove		Y		1	11/16/2015	NA	Electric crossing to be removed
OH18	WPS Electric	OH Line	USH 51	1095+50	Crossing	---	---	Roadway and Grading	Y	No-Remove		Y					This is a Frontier Phone crossing
OH19	WPS Electric	OH Line	Clearview Court	10+00	Right	13+50	Left	Grading	Y	Y	N	Y		4	10/15/2015	Frontier possibly	UG electric to be relocated to south R/W of Clearview Ct. Tree clearing needed.
C20	Frontier Communications	UG line	USH 51	1072+00	Left	1100+00	Left	Roadway and Grading	Y	Y	N	Y			Same fiber as C1 same R/W staking req		
C21	Frontier Communications	UG line	USH 51	1080+00	Crossing	---	---	Cutting Road Profile	Y	Y	N	Y		4	9/04/2015	WPSC	Picking up joint on West side For clearview ct
C22	Frontier Communications	UG line	USH 51	1091+50	Crossing	---	---	Roadway and Grading	Y	Y	N	Y		1	placed joint with WPSC		Service drop

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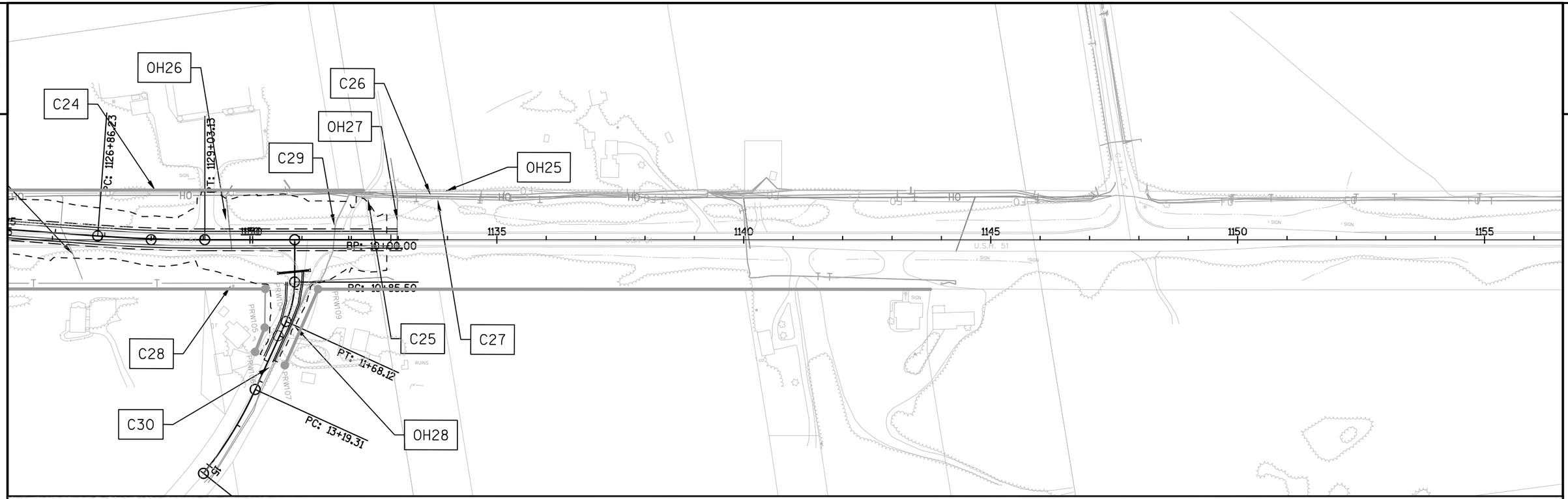


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OH20	WPS Electric	OH Line	USH 51	1100+00	Left	1127+00	Left	Roadway and Grading	Y	No-Remove		Y		3	11/30/2015	NA	Remove OH elec at left offset 1100+00 to 1122+68
OH21	WPS Electric	OH Line	USH 51	1108+50	Crossing	---	---	Roadway and Grading	Y	N		Y		2	11/30/2015	NA	Replace pole 3806-27E4 at left offset, install pole at right offset-crossing to remain.
OH22	WPS Electric	OH Line	USH 51	1117+50	Crossing	---	---	Roadway and Grading	Y	No-Remove		Y		1	11/16/2015	NA	Electric crossing to be removed
OH23	WPS Electric	OH Line	USH 51	1122+50	Crossing	---	---	Roadway and Grading	Y	N		Y		1	11/16/2015	NA	Pole 3806-22R14 at left offset to remain-new pole at right offset-crossing to remain.
OH24	WPS Electric	OH Line	USH 51	1126+00	Crossing	---	---	Roadway and Grading	Y	Y		Y		1	10/30/2015	NA	UG electric service crossing US 51 serving address 9721 Blue Lake Rd to be discontinued between R/W lines of US51. New source at east US51 R/W to be installed.
C23	Frontier Communications	UG line	USH 51	1100+00	Left	1128+00	Left	Roadway and Grading	Y	Y	N	Y			Staking as with C1	WPSC	Joint with WPSC buried

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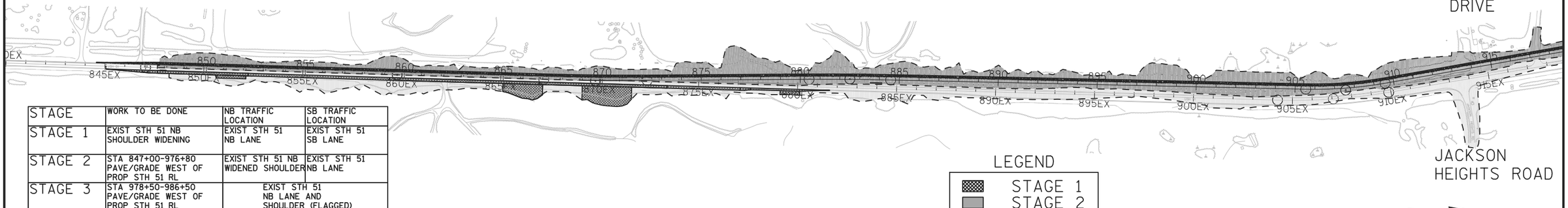
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OH25	WPS Electric	OH Line	USH 51	1127+00	Left	1135+00	Left	Grading	N	NA		Y		1	12/1/2015		OH line and poles do not appear to be in conflict. However a conflict was noted with a pole as follows: *Pole 3806 22R30 is located next to a commercial entrance. WisDOT plans to build a temporary entrance for this business, and the existing pole falls inside of the slope intercept of that proposed entrance by a few feet. (The temp. drive has been added to the plans since DE1078 plans were distributed.)*
OH26	WPS Electric	OH Line	USH 51	1129+50	Crossing	---	--	Roadway and Grading	Y	NA		Y		1	12/1/2015	No	Replace pole 3806-22R16 at left offset to provide proper overhead clearance over US51
OH27	WPS Electric	OH Line	USH 51	1133+00	Crossing	---	--	Grading	N	NA		NA		NA	NA	NA	No conflict
OH28	WPS Electric	OH Line	South Blue Lake Road	10+85	Left	12+00	Left	Cutting Road Profile	Y	Y	N	Y		4	10/15/2015	Frontier possibly	Relocate UG electric to new north R/W of Blue Lake Rd. Discontinue a run of UG electric primary within slope intercept at left offset
C24	Frontier Communications	UG line	USH 51	1128+00	Left	1135+00	Left	Grading	Y	Y	N	Y		14	staking as in C1	WPSC	Joint 1100++00 100RT to 1126-61 92RT
C25	Frontier Communications	UG line	USH 51	1131+50	Left	1135+00	Left	Grading	N			N/a	X				outside of SI use caution 72 hour notice req
C26	Frontier Communications	UG line	USH 51	1131+50	Left	1135+00	Left	Grading	N			N/a	X				
C27	Frontier Communications	UG line	USH 51	1131+50	Left	1135+00	Left	Grading	N			N/a	X				
C28	Frontier Communications	UG line	USH 51	1130+00	Right	1131+50	Right	Cutting Road Profile	Y	Y	N	Y			R/w Staking		will be replace at R/W
C29	Frontier Communications	UG line	USH 51	1131+50	Crossing	---	--	Cutting Road Profile	Y	Y	N	Y					Will be bored deeper
C30	Frontier Communications	UG line	South Blue Lake Road	10+85	Left	12+00	Left	Cutting Road Profile	Y	Y	N	Y			PR/W staked and cleared		Large trees stumping may damage

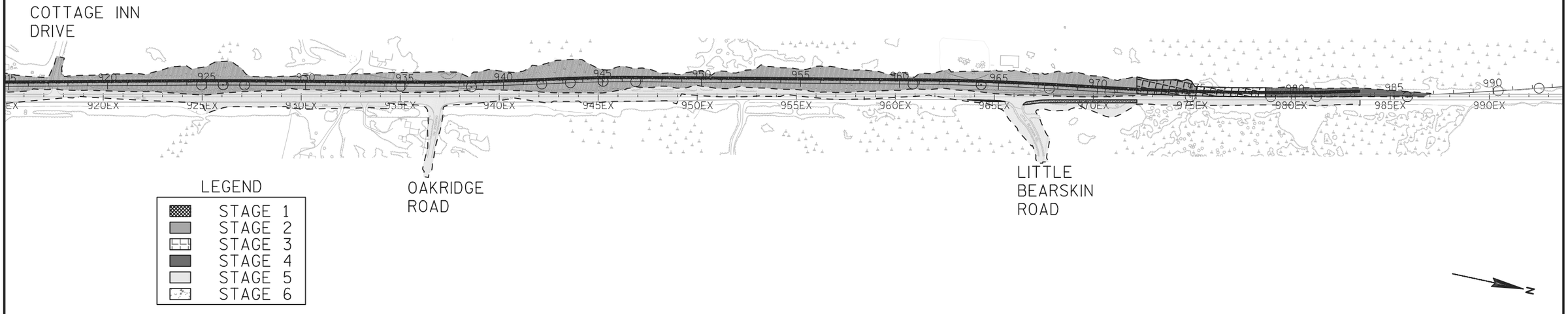
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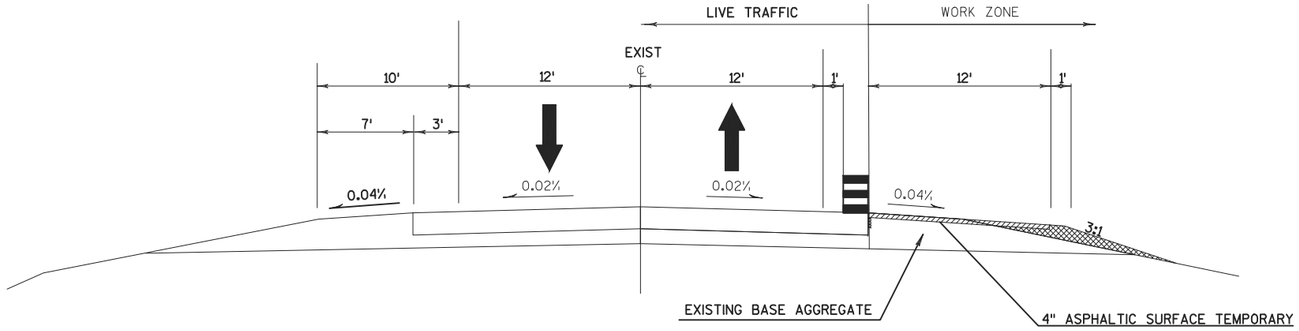
2



STAGE	WORK TO BE DONE	NB TRAFFIC LOCATION	SB TRAFFIC LOCATION
STAGE 1	EXIST STH 51 NB SHOULDER WIDENING	EXIST STH 51 NB LANE	EXIST STH 51 SB LANE
STAGE 2	STA 847+00-976+80 PAVE/GRADE WEST OF PROP STH 51 RL	EXIST STH 51 NB WIDENED SHOULDER	EXIST STH 51 NB LANE
STAGE 3	STA 978+50-986+50 PAVE/GRADE WEST OF PROP STH 51 RL	EXIST STH 51 NB LANE AND SHOULDER (FLAGGED)	
STAGE 4	STA 967+80-979+50 PAVE/GRADE WEST OF PROP STH 51 RL	EXIST STH 51 NB WIDENED SHOULDER	EXIST STH 51 NB LANE
		EXIST STH 51 NB LANE AND SHOULDER (FLAGGED 972+00-979+50)	
STAGE 5	FINISH EAST SIDE OF PROP STH 51 RL REMOVE EXIST STH 51	PROP STH 51 SB LANE	PROP STH 51 SB WIDENED SHOULDER
STAGE 6	REMOVE WIDENED PROP STH 51 SB SHOULDER FINISH PAVING PROP STH 51 SB LANE/SHOLDER	PROP STH 51 NB LANE	PROP STH 51 SB LANE
		PROP STH 51 NB LANE AND SHOULDER (FLAGGED)	

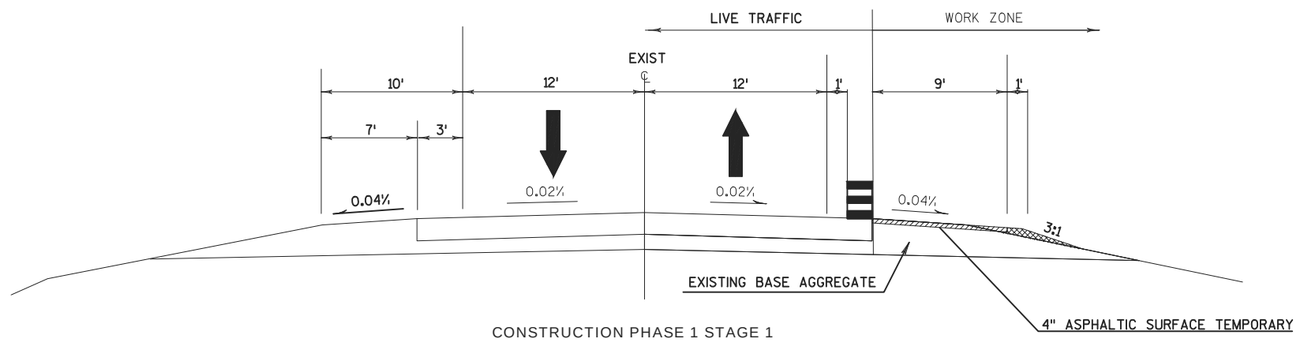


PROJECT NO: 1177-11-70	HWY: STH 51	COUNTY: ONEIDA	TRAFFIC CONTROL: PHASE 1 OVERVIEW	SHEET 53	E



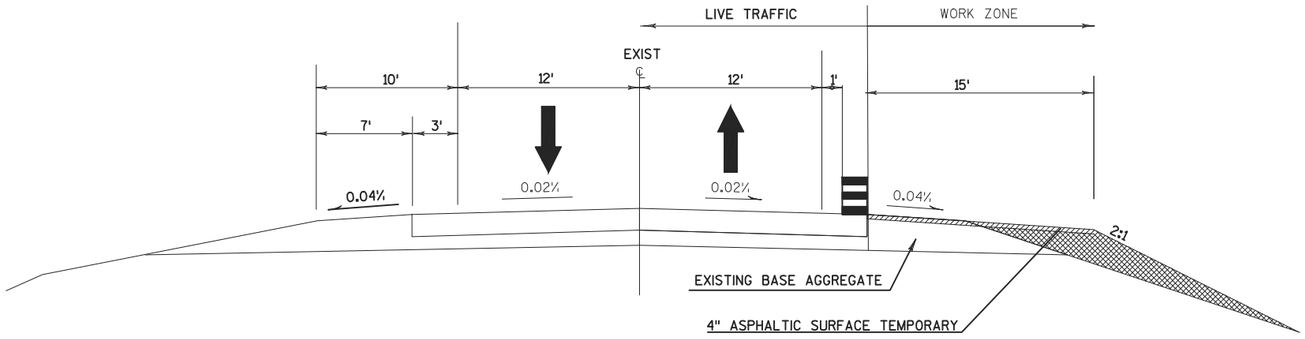
CONSTRUCTION PHASE 1 STAGE 1

STA 843+50 - 881+65



CONSTRUCTION PHASE 1 STAGE 1

STA 963+00-965+50



CONSTRUCTION PHASE 1 STAGE 1

STA 966+40-973+80

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 1 / STAGE 1	SHEET 54	E

2

2

N

CONSTRUCT TEMPORARY HMA WIDENINGS

BP: 846+92.70

USH 51

840EX

845EX

850

850EX

SHOULDER WORK

WZI-5

500'

STA 843+58
START TAPER

STA 847+18
13' WIDTH HMA WIDENING

STA 850+50

STA 852+00

CUT EXISTING
BACKSLOPE TO 3:1 MAX

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 1	SHEET 55	E

2

2

N

CONSTRUCT TEMPORARY HMA WIDENINGS

PI: 859+77.03

PC: 867+04.96

855
855EX

860
860EX

USH 51

865
865EX

STA 865+00

STA 867+00

PLACE FILL TO MATCH
FINAL CROSS SECTION

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 1	SHEET 56	E

2

2

N

CONSTRUCT TEMPORARY HMA WIDENINGS

STA 877+13
START TAPER

STA 878+23
END TAPER
9' WIDTH HMA WIDENING

PC: 880+45.23

PC: 867+04.96

PT: 872+27.09

STA 867+00

STA 871+50

SIGN

880

875

870

870EX

875EX

USH 51

STA 878+97

STA 879+94

STA 882+56
END TAPER

PLACE FILL TO MATCH
FINAL CROSS SECTION

INSTALL TEMP CULVERT

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 1	SHEET 57	E

2

2

N

SIGN

PT: 884+56.88

885

890

895

885EX

890EX

895EX

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 1	SHEET 58	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S1.DWG
LAYOUT NAME - 026104-S1

PLOT DATE : 10/20/2015 9:54 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

2

2

N

CONSTRUCT TEMPORARY HMA WIDENINGS

PC: 960+68.13

PT: 967+56.79

PC: 970+63.86

960

965

970

USH 51

960EX

965EX

970EX

SHOULDER WORK

W21-5

500'

SIGN

STA 963+45
BEGIN TAPER

STA 964+63
BEGIN FULL WIDTH HMA WIDENING
(WIDEN TO 24.0' O/S RT)

STA 967+14
START 15' WIDTH HMA WIDENING

8:1 FLARE

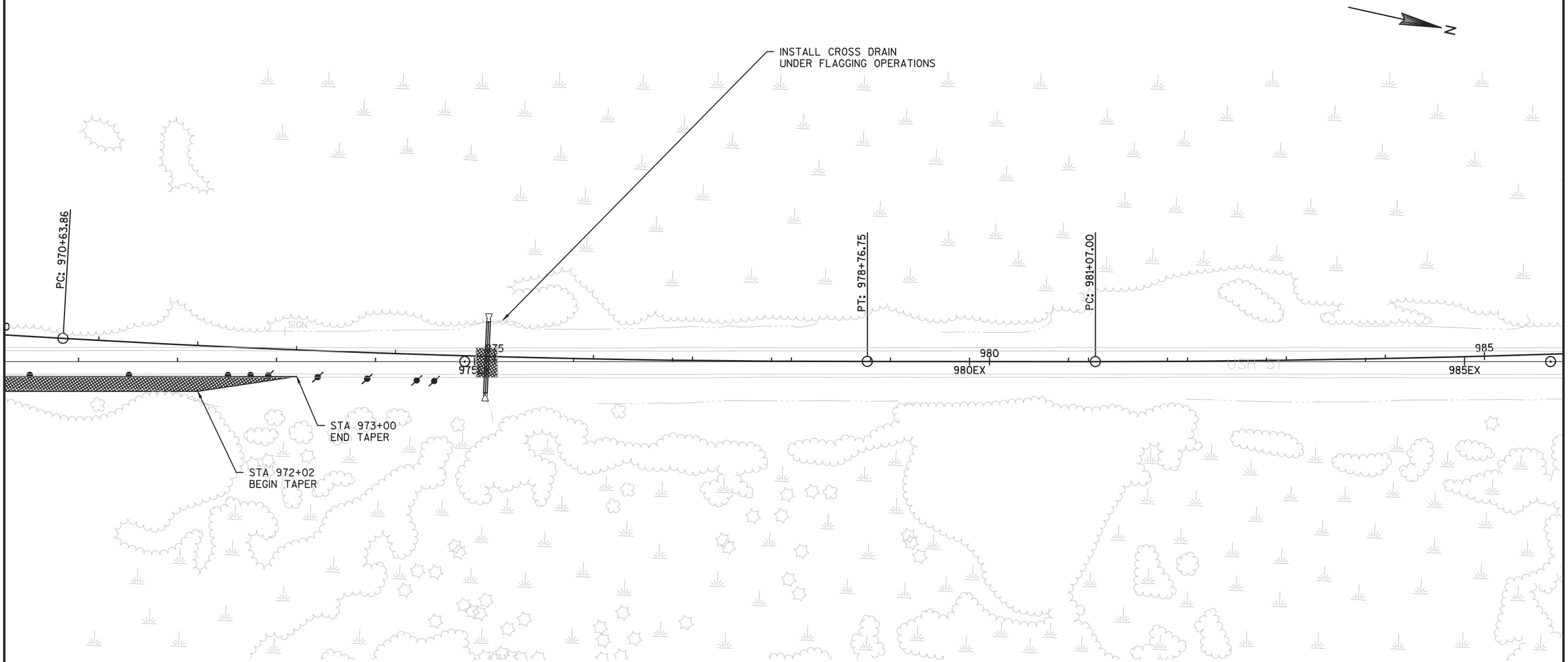
LITTLE BEARSKIN RD.

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 1	SHEET 59	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S1.DWG
LAYOUT NAME - 026105-S1

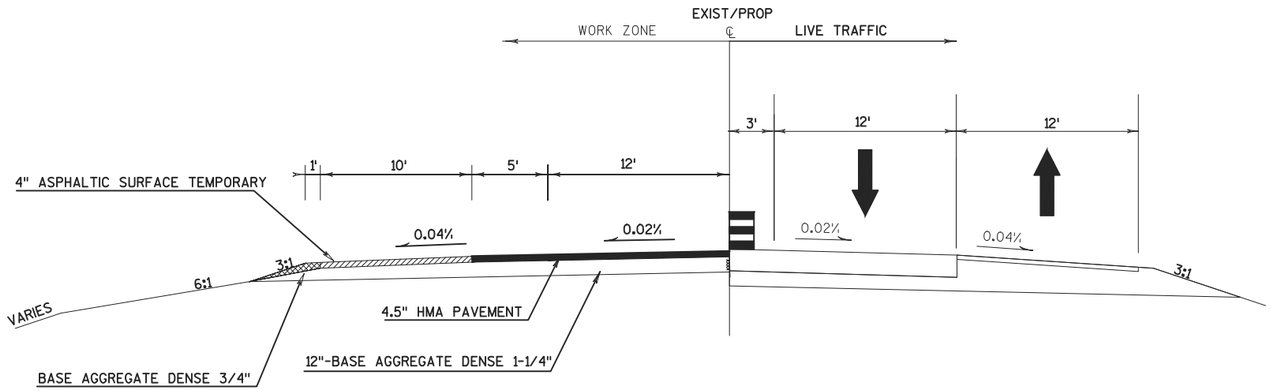
PLOT DATE : 10/20/2015 9:54 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

2



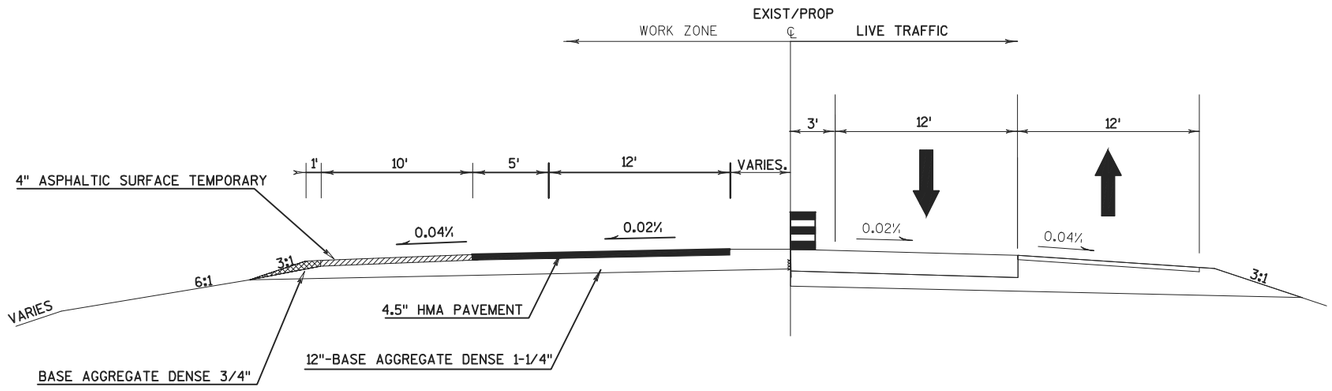
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 1	SHEET 60	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S1.DWG
LAYOUT NAME - 026106-S1
PLOT DATE : 10/20/2015 9:54 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



CONSTRUCTION PHASE 1 STAGE 2

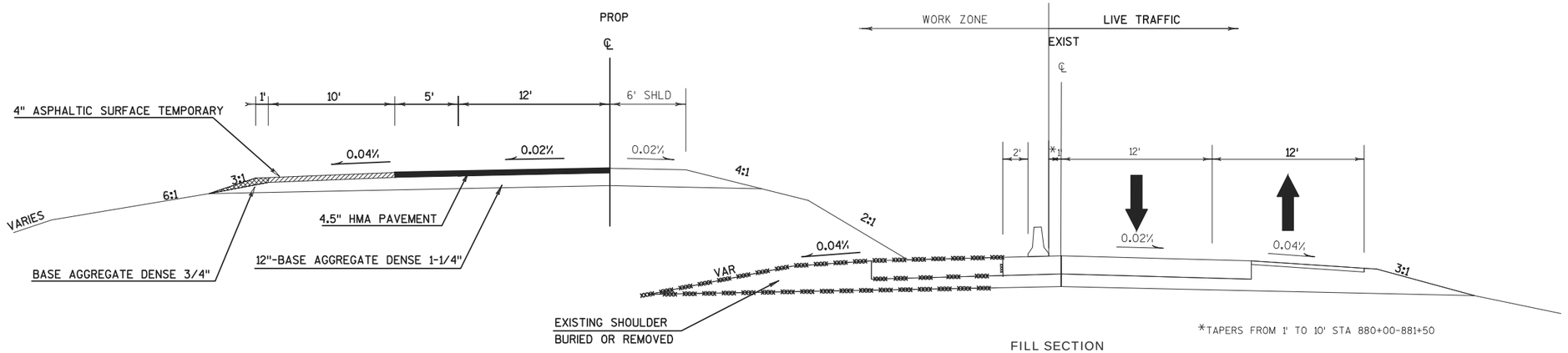
STA 847+00 - 867+05



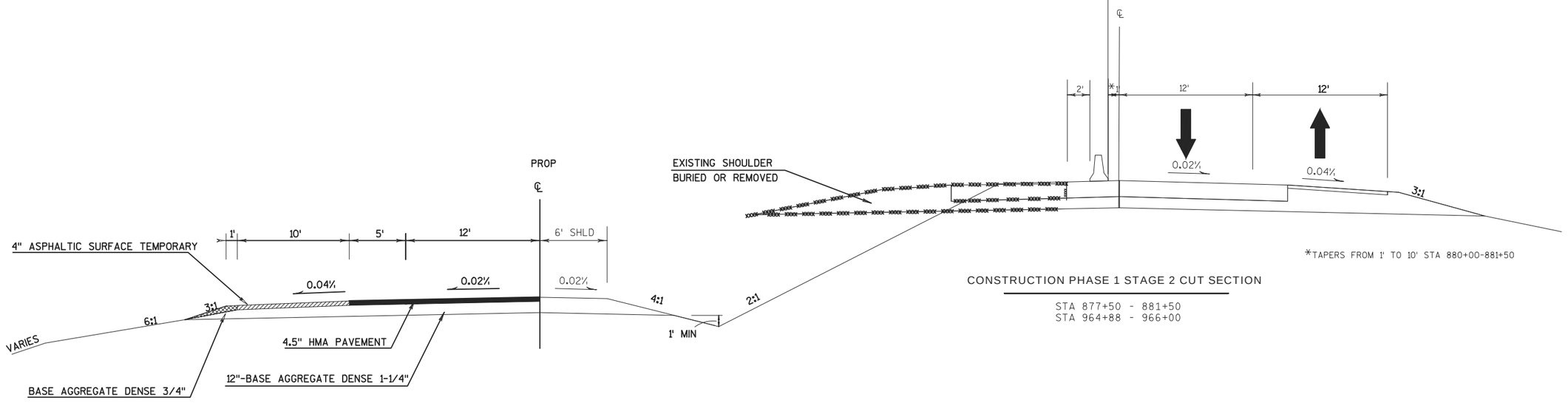
CONSTRUCTION PHASE 1 STAGE 2

STA 867+05 - 877+50

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 61	E



FILL SECTION

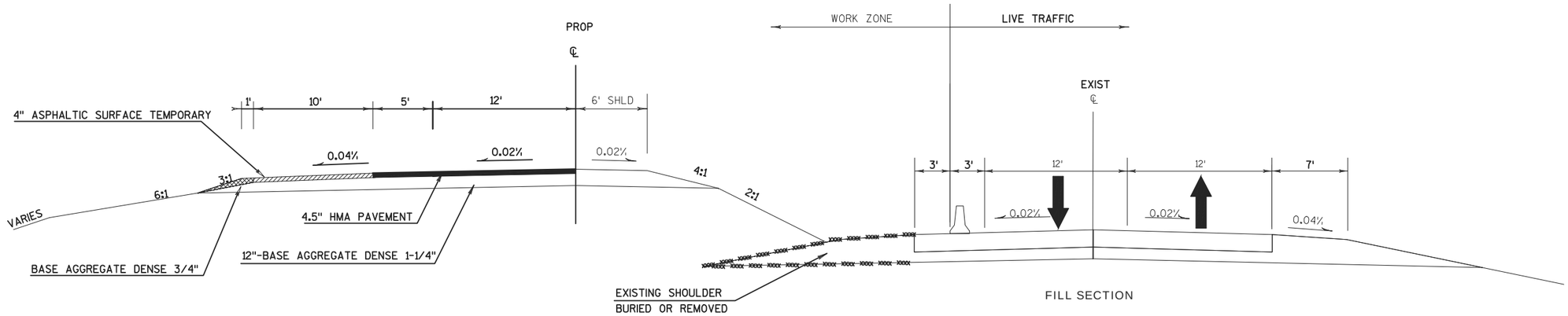


CONSTRUCTION PHASE 1 STAGE 2 CUT SECTION

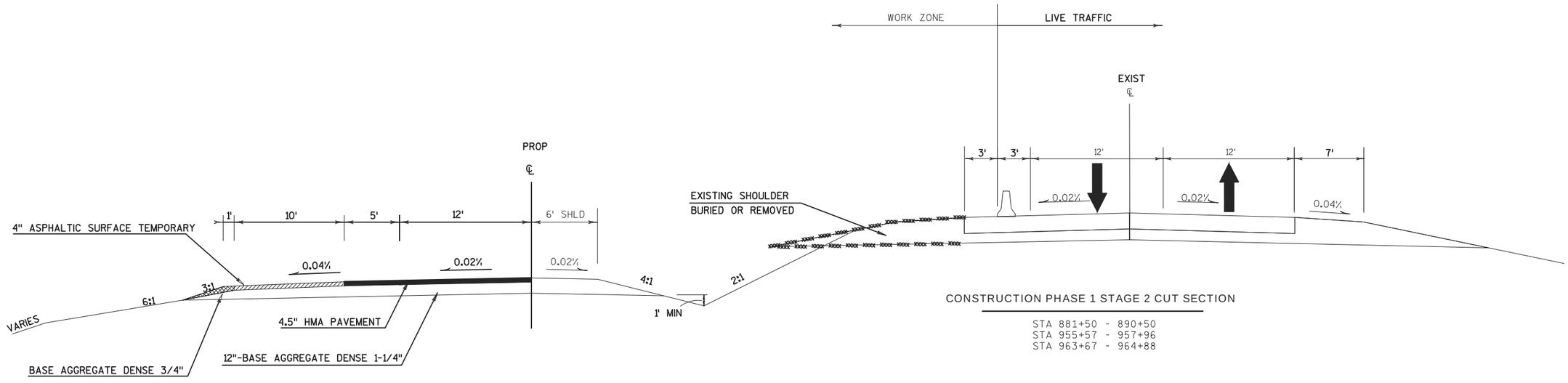
STA 877+50 - 881+50
STA 964+88 - 966+00

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 62	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\TYPICAL_SECTIONS_CONSTRUCTION_STAGING3_AJW.DWG
LAYOUT NAME - 026003
PLOT DATE : 10/20/2015 9:57 AM
PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



FILL SECTION

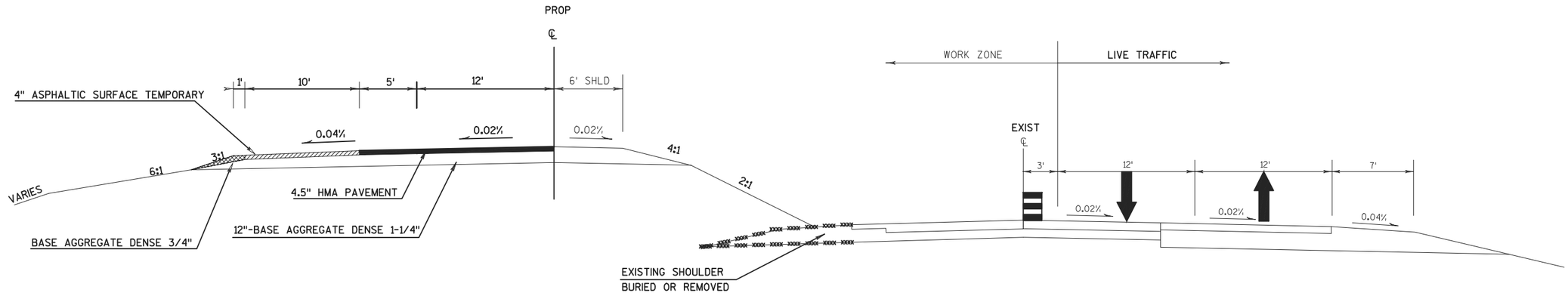


CONSTRUCTION PHASE 1 STAGE 2 CUT SECTION

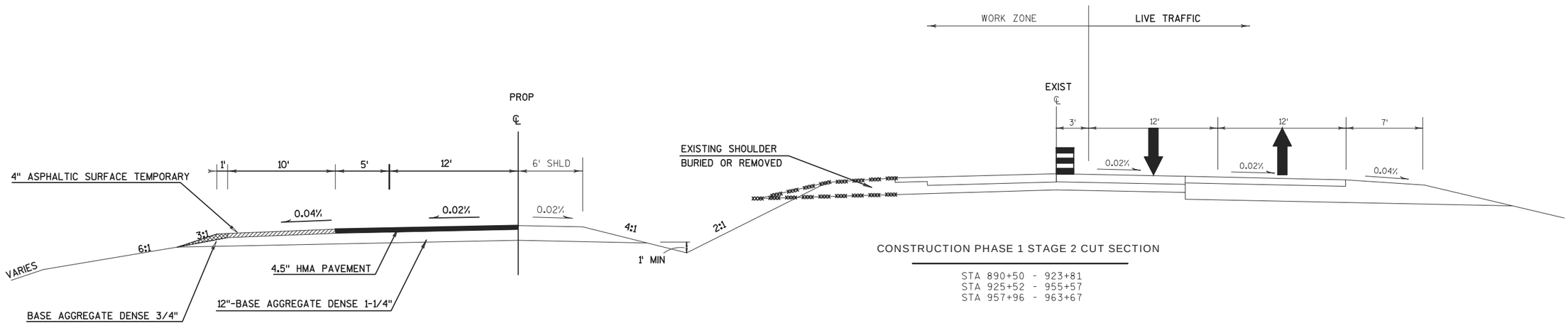
STA 881+50 - 890+50
STA 955+57 - 957+96
STA 963+67 - 964+88

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 63	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\TYPICAL_SECTIONS_CONSTRUCTION_STAGING3_AJW.DWG
LAYOUT NAME - 026004
PLOT DATE : 10/20/2015 9:57 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



FILL SECTION

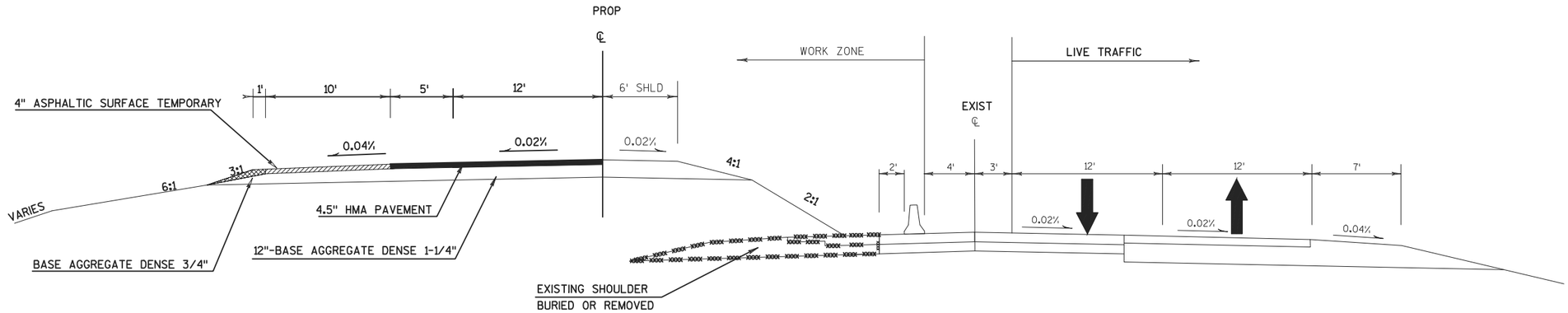


CONSTRUCTION PHASE 1 STAGE 2 CUT SECTION

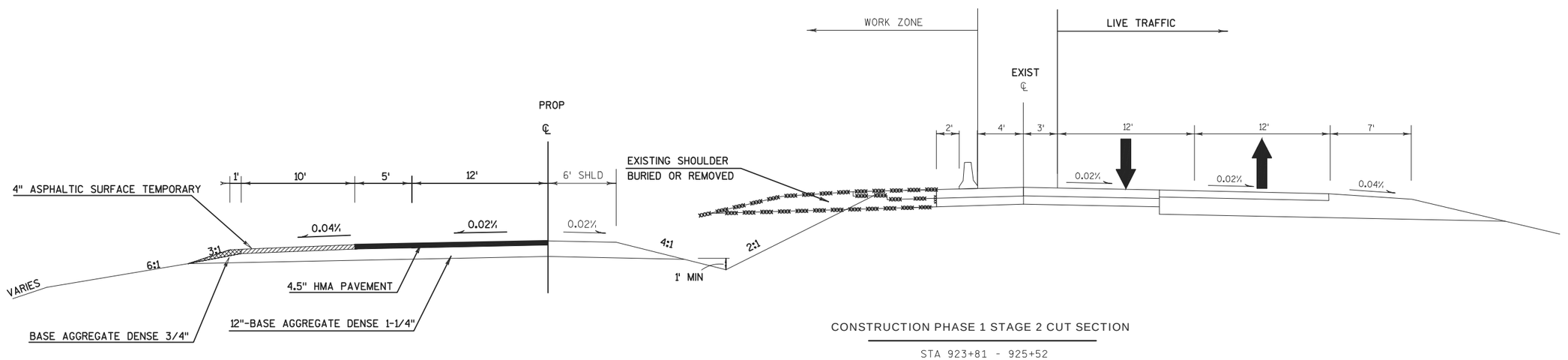
STA 890+50 - 923+81
STA 925+52 - 955+57
STA 957+96 - 963+67

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 64	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\TYPICAL_SECTIONS_CONSTRUCTION_STAGING3_AJW.DWG
LAYOUT NAME - 026005
PLOT DATE : 10/20/2015 9:57 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



FILL SECTION

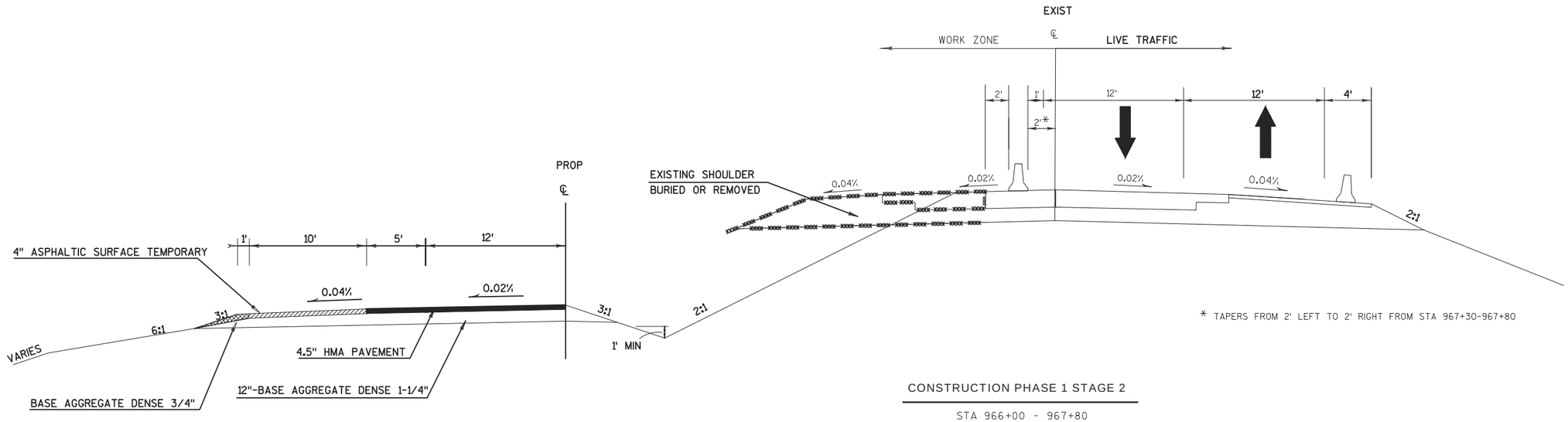


CONSTRUCTION PHASE 1 STAGE 2 CUT SECTION

STA 923+81 - 925+52

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 65	E

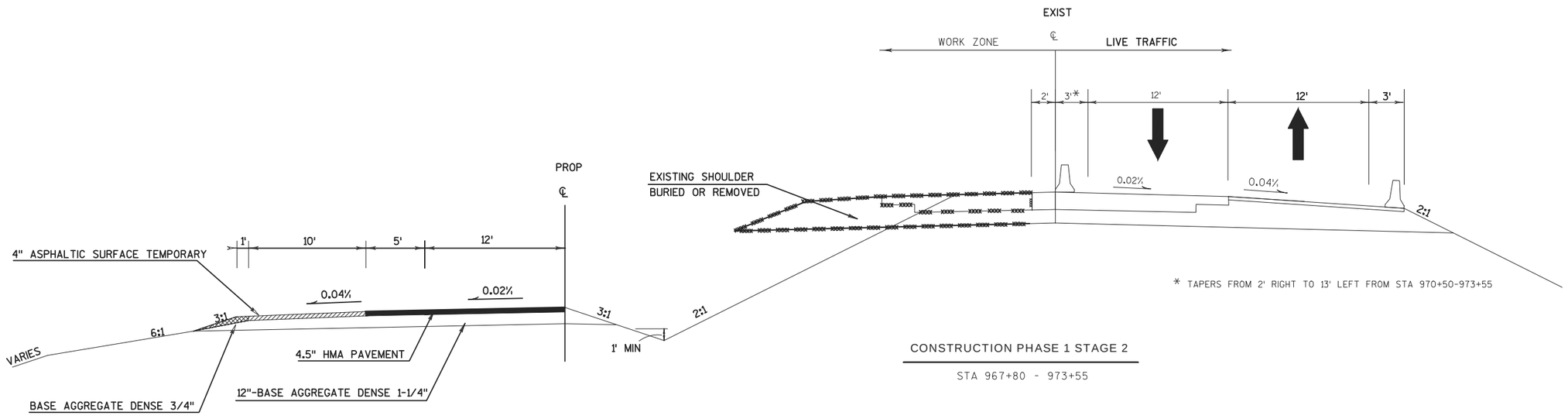
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\TYPICAL_SECTIONS_CONSTRUCTION_STAGING3_AJW.DWG
LAYOUT NAME - 026006
PLOT DATE : 10/20/2015 9:57 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



* TAPERS FROM 2' LEFT TO 2' RIGHT FROM STA 967+30-967+80

CONSTRUCTION PHASE 1 STAGE 2

STA 966+00 - 967+80

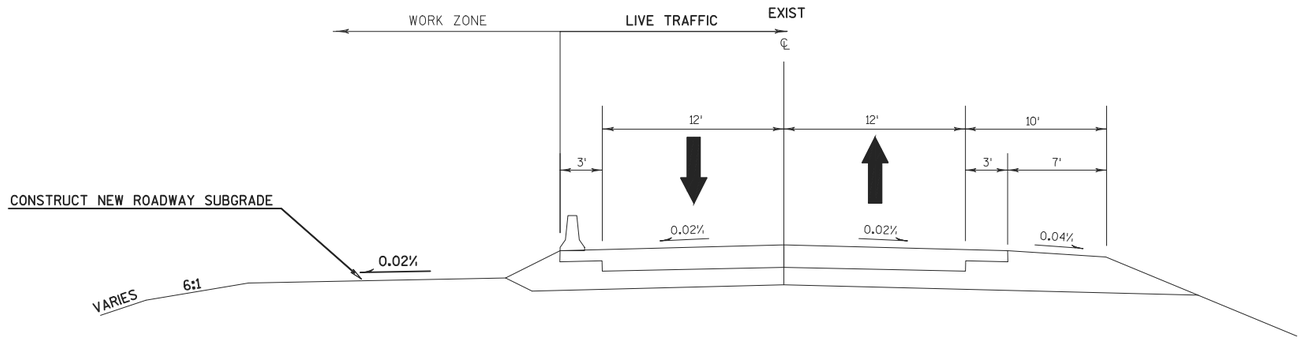


* TAPERS FROM 2' RIGHT TO 13' LEFT FROM STA 970+50-973+55

CONSTRUCTION PHASE 1 STAGE 2

STA 967+80 - 973+55

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 66	E



CONSTRUCTION PHASE 1 - STAGE 2

STA 973+55 - 976+00

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 67	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\TYPICAL_SECTIONS_CONSTRUCTION_STAGING3_AJW.DWG
LAYOUT NAME - 026008
PLOT DATE : 10/20/2015 9:57 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

N

BP: 846+92.70

840EX

845EX

USH 51

850

850EX

CONSTRUCT 381' TAPER TO MATCH INTO TEMPORARY HMA WIDENING CONSTRUCTED IN THIS STAGE

STA 847+62

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 68	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S2.DWG
LAYOUT NAME - 026107-S2

PLOT DATE : 10/20/2015 9:57 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

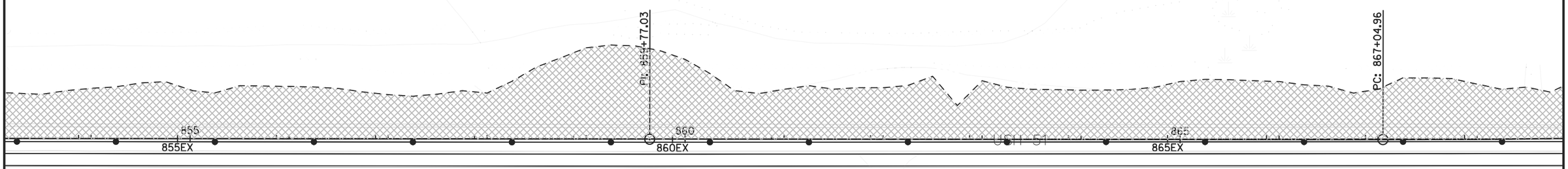
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 69	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S2.DWG
LAYOUT NAME - 026108-S2

PLOT DATE : 10/20/2015 9:57 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

8:1 FLARE TO 15' CLEAR ZONE
(MEASURED FROM NB LANE)

PT: 872+27.09

PC: 880+45.23

870

870EX

875

875EX

880

880EX

USH 51

STA 877+49
START LONGITUDINAL BARRIER

STA 882+49
START 8:1 FLARE TO 15' CLEAR ZONE
(MEASURED FROM SB LANE)

W05-52R
12"X36"

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 70	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S2.DWG
LAYOUT NAME - 026109-S2

PLOT DATE : 10/20/2015 9:58 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

TEMPORARY 18"X60' CULVERT
38' MAX WIDTH GAP IN BARRIER

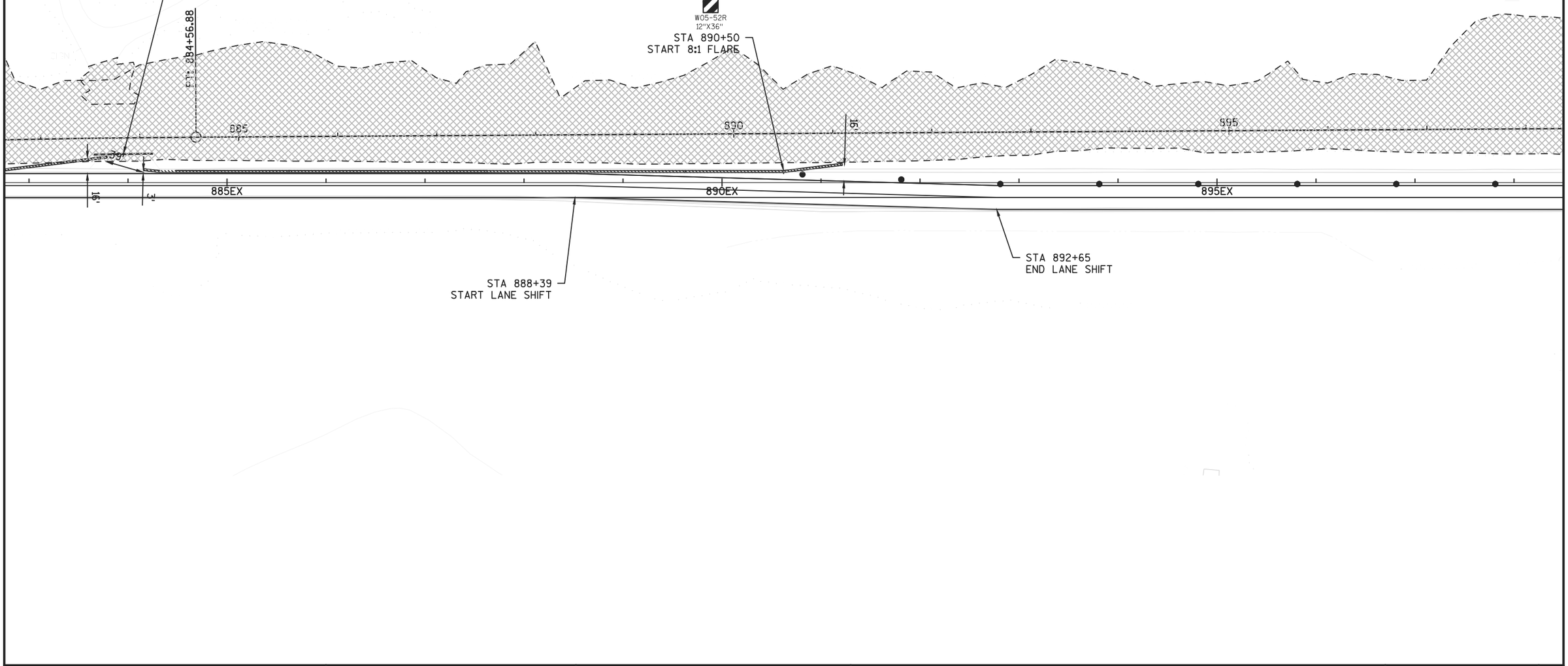
N

W05-52R
12"X36"

STA 890+50
START 8:1 FLARE

STA 888+39
START LANE SHIFT

STA 892+65
END LANE SHIFT



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 71	E

2

2

N

INSTALL CLASS IV CROSS DRAIN
UNDER FLAGGING OPERATIONS

900

PC: 904+24.96

905

PC: 905+53.95

PT: 909+56.60

910

USH 51

900EX

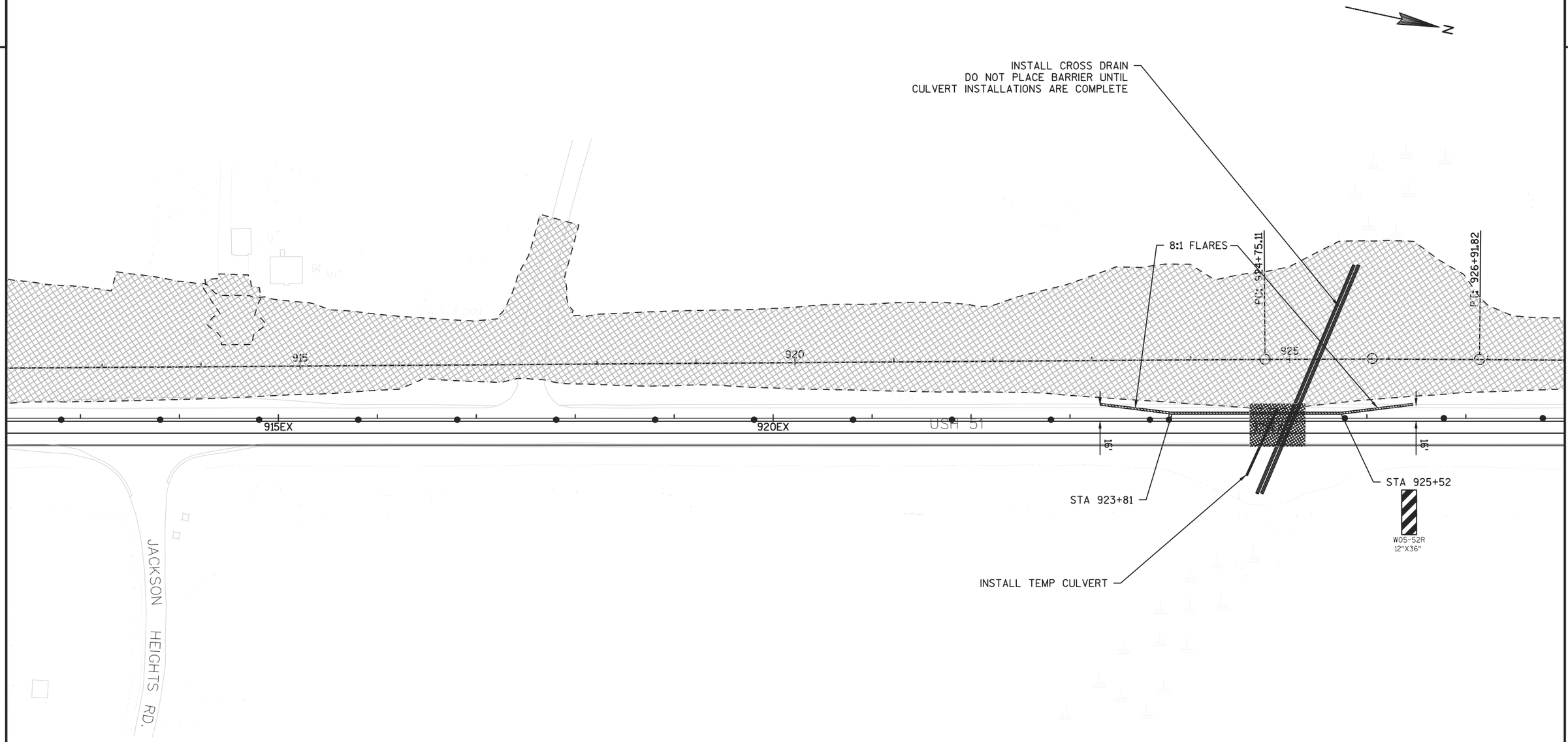
905EX

910EX

INSTALL TEMP CULVERT

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 72	E

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 73	E

2

N

PI: 926+91.82

PC: 934+82.11

PI: 941+93.29

930

935

940

930EX

935EX

940EX

USH 51

OAKRIDGE RD.

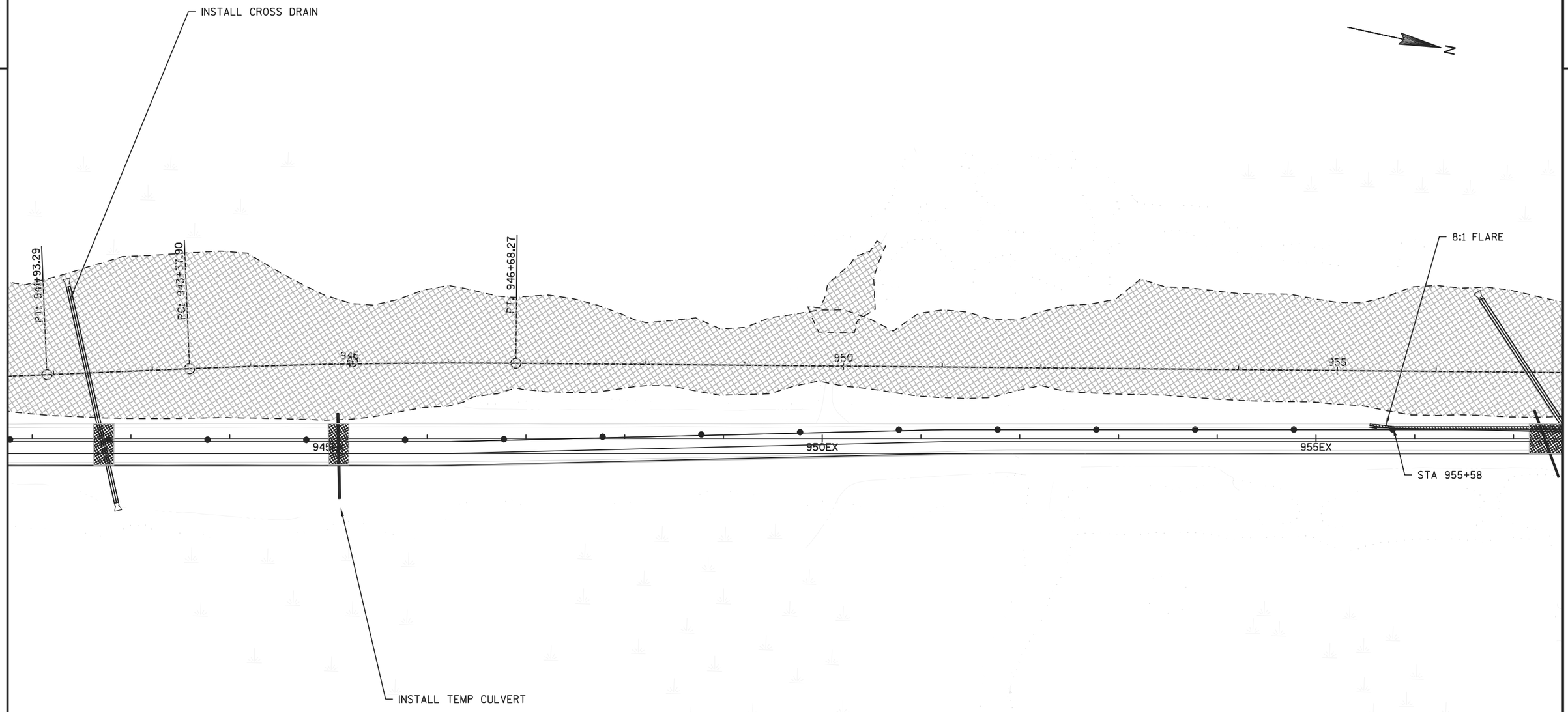
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 74	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S2.DWG
LAYOUT NAME - 026113-S2

PLOT DATE : 10/20/2015 9:58 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

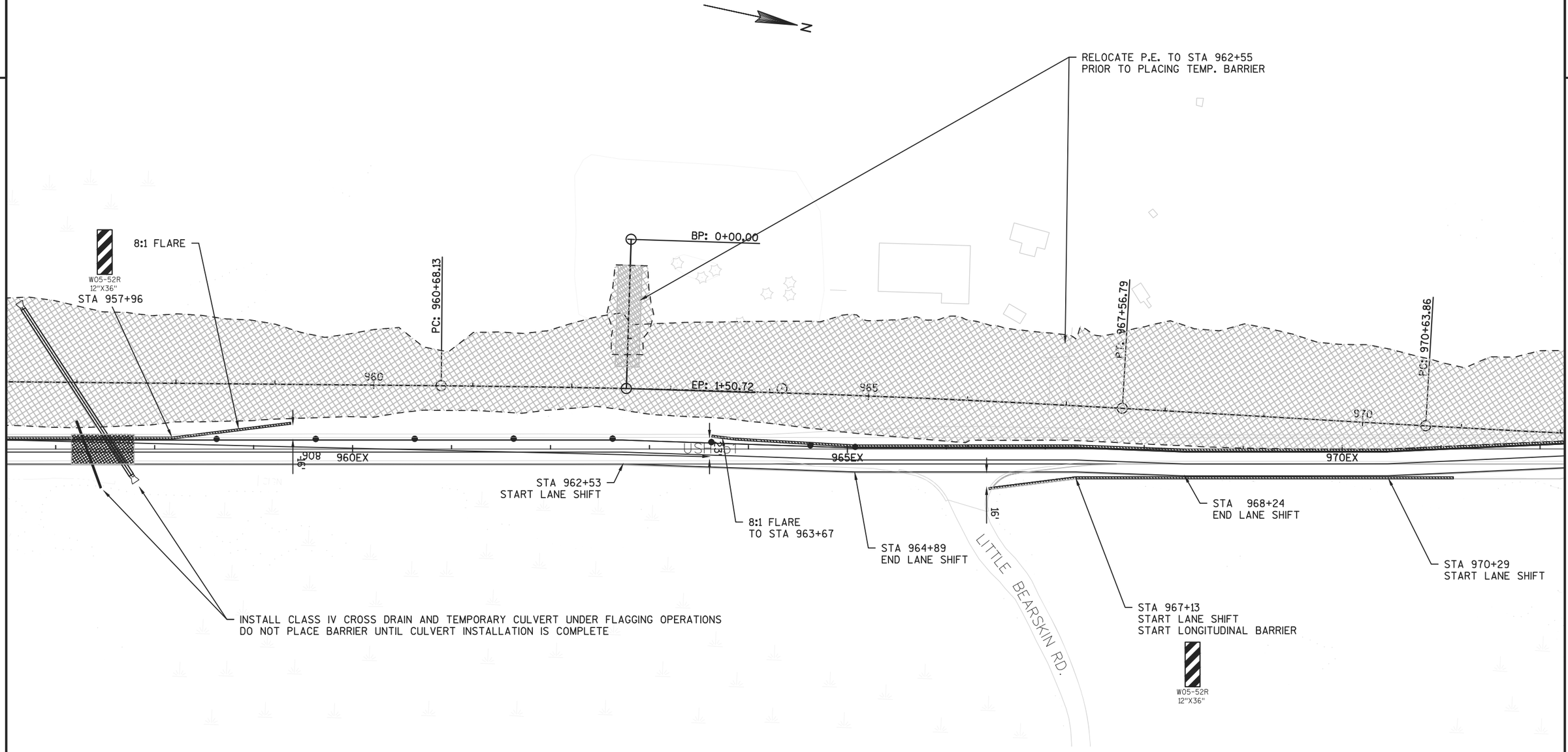
WISDOT/CADDS SHEET 42

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 75	E

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 76	E

2

N

STA 976+00
BEGIN 8:1 FLARE

W05-52R
12"X36"

15'

PT: 978+76.75

PC: 981+07.00

975EX

980

980EX

USH 51

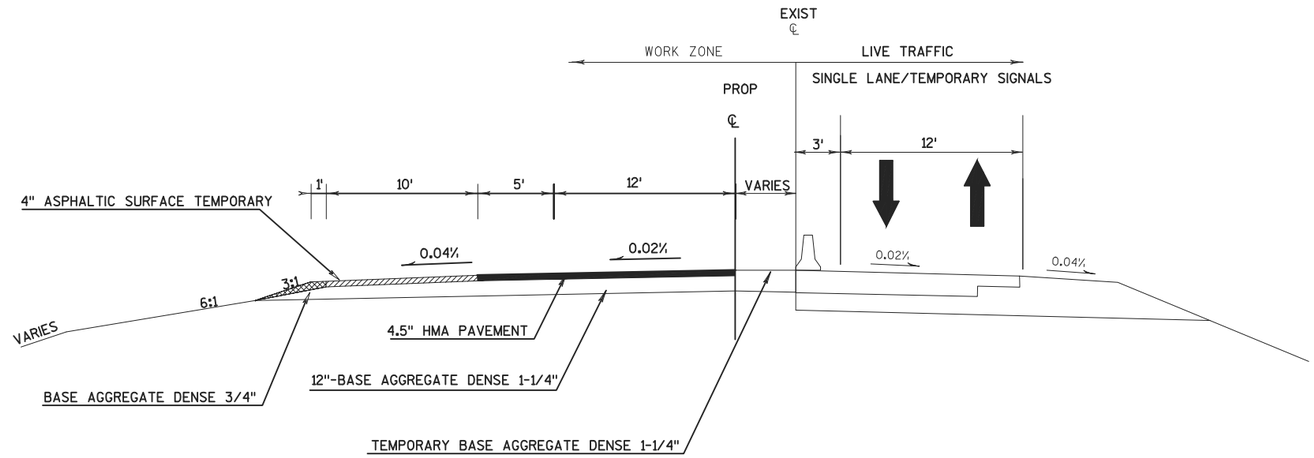
985

985EX

STA 973+57
END LANE SHIFT

STA 976+88
BEGIN FINAL LANE SHIFT
(85' LENGTH)

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 2	SHEET 77	E



CONSTRUCTION PHASE 1 - STAGE 3

STA 978+50 - 986+50

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 1 / STAGE 3	SHEET 78	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\TYPICAL_SECTIONS_CONSTRUCTION_STAGING3_AJW.DWG
LAYOUT NAME - 026008 (2)
PLOT DATE : 10/20/2015 9:59 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

2

N

BARRIER FROM STAGE 2 TO REMAIN

PC: 960+68.13

PT: 967+56.79

NO PASSING ZONE
W14-3
48"X36"

PC: 970+63.86

W3-3
36"X36"

960

965

970

975

960EX

965EX

970EX

975EX

USH 51

ONE LANE ROAD AHEAD
W20-4-A

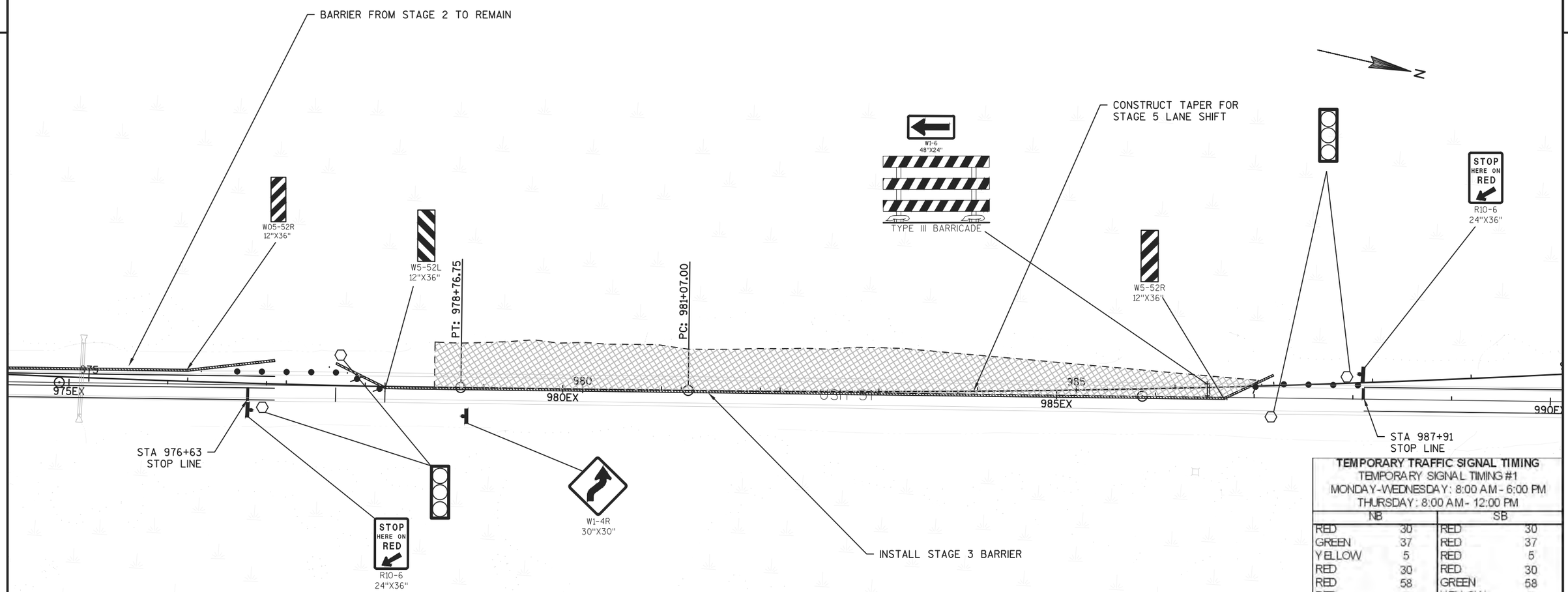
LITTLE BEARSKIN RD.

STA 967+13
START LANE SHIFT
START LONGITUDINAL BARRIER

W05-52R
12"X36"

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 3	SHEET 79	E

2



TEMPORARY TRAFFIC SIGNAL TIMING

TEMPORARY SIGNAL TIMING #1
MONDAY-WEDNESDAY: 8:00 A.M - 6:00 PM
THURSDAY: 8:00 A.M - 12:00 PM

NB		SB	
RED	30	RED	30
GREEN	37	RED	37
YELLOW	5	RED	5
RED	30	RED	30
RED	58	GREEN	58
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #2
THURSDAY: 12:00 PM to 6:00 PM
FRIDAY 8:00 A.M - FRIDAY 12:00 PM

NB		SB	
RED	30	RED	30
GREEN	69	RED	69
YELLOW	5	RED	5
RED	30	RED	30
RED	39	GREEN	39
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #3
6:00 PM - 8:00 A.M

NB		SB	
RED	30	RED	30
GREEN	30	RED	30
YELLOW	5	RED	5
RED	30	RED	30
RED	30	GREEN	30
RED	5	YELLOW	5

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 3	SHEET 80	E

2

N

STOP HERE ON RED
R10-6
24"X36"

W5-52R
12"X36"

PT: 990+26.37

PC: 992+32.82

W3-3
36"X36"

ONE LANE ROAD AHEAD
W20-4-A

985

985EX

990

990EX

995

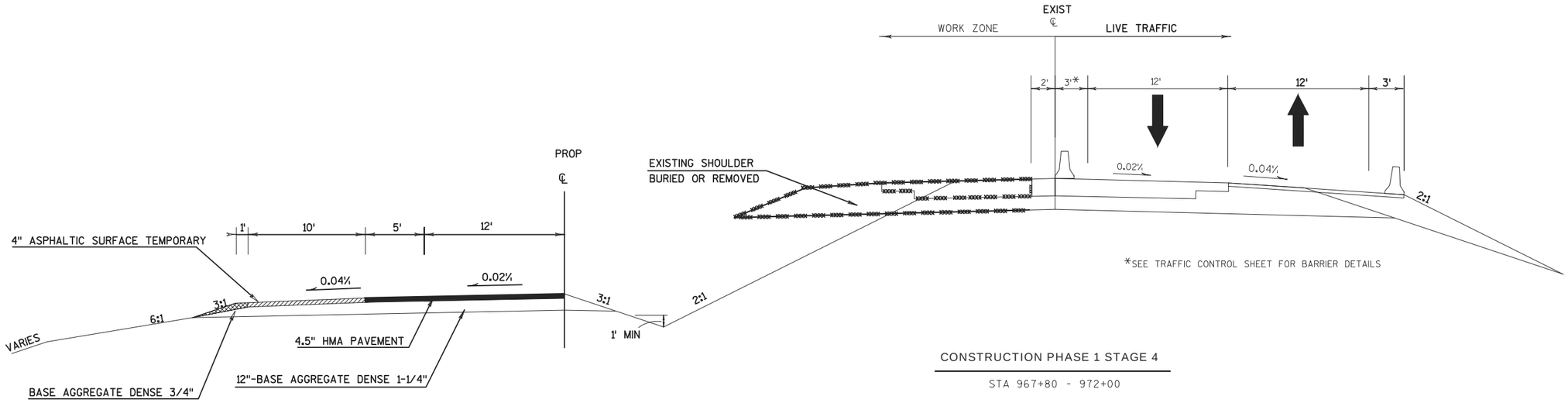
995EX

1000

NO PASSING ZONE
W14-3
48"X36"

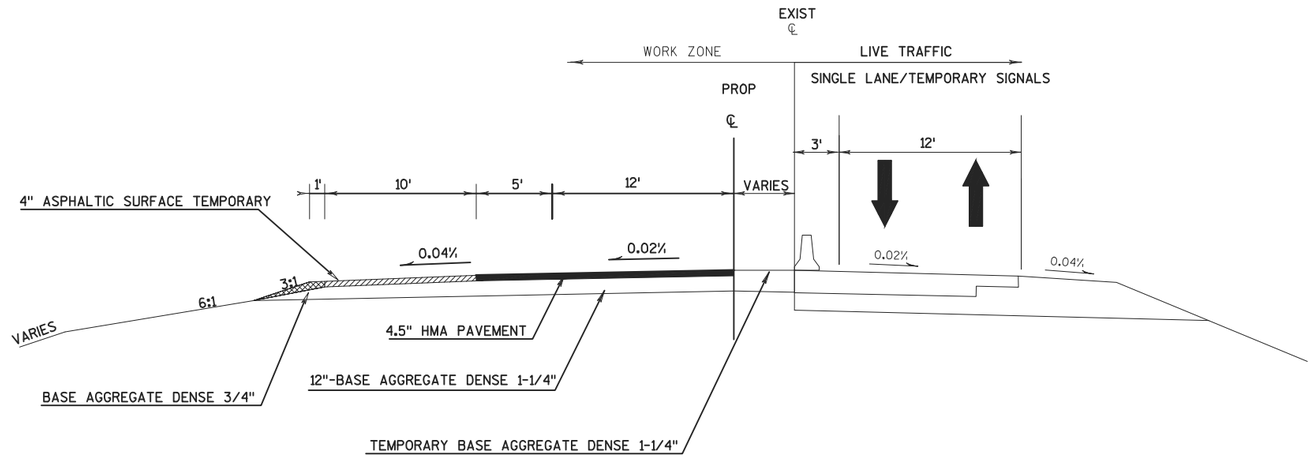
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 3	SHEET 81	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S3.DWG
LAYOUT NAME - 026118-S3 (2)
PLOT DATE : 10/20/2015 10:00 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



CONSTRUCTION PHASE 1 STAGE 4

STA 967+80 - 972+00



CONSTRUCTION PHASE 1 - STAGE 4

STA 972+00 - 979+50

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 1 / STAGE 4	SHEET 82	E

2

N

PC: 960+68.13

NO PASSING ZONE
W14-3
48"X36"

PT: 967+56.79

PC: 970+63.86

W5-52L
12"X36"

960

965

970

975

960EX

USH 51

965EX

970EX

975EX

STA 970+74
STOP LINE

ONE LANE ROAD AHEAD
W20-4-A

W3-3
36"X36"

LITTLE BEARSKIN RD.

W05-52R
12"X36"

STOP HERE ON RED
R10-6
24"X36"

W1-4R
30"X30"

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 4	SHEET 83	E

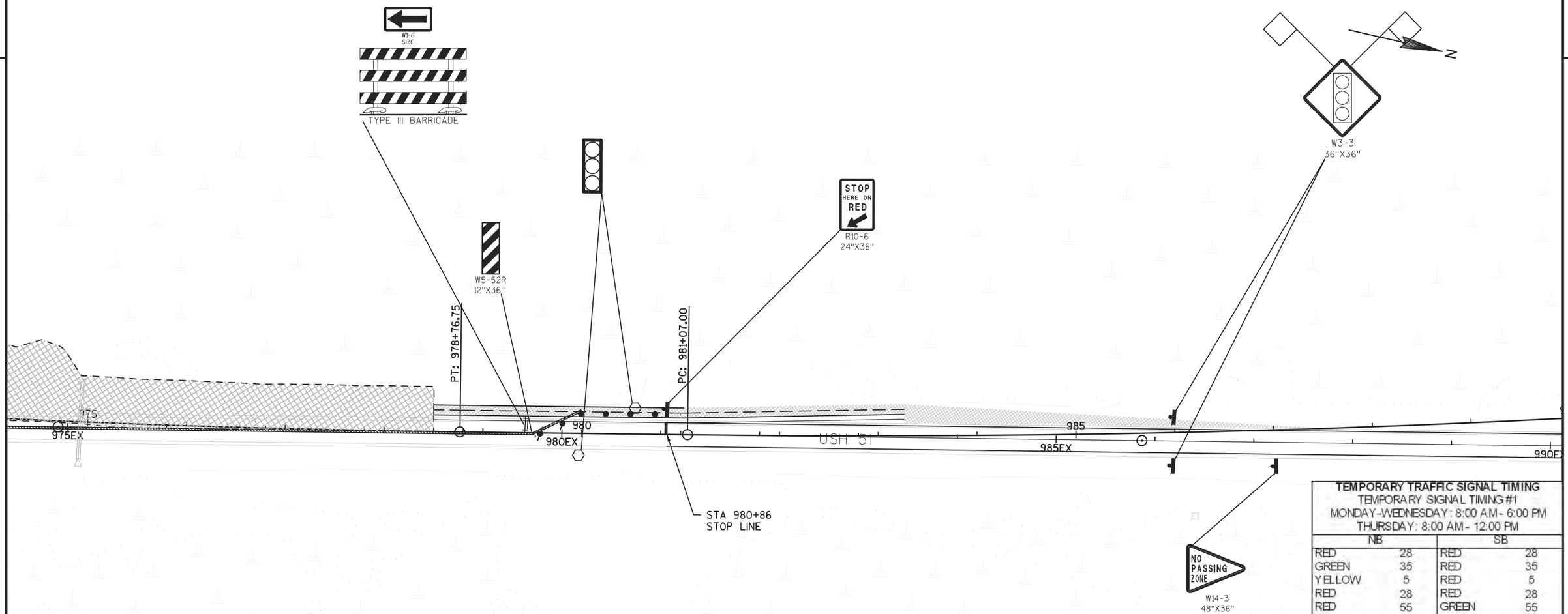
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LAYOUT NAME - 026119-S4

PLOT DATE : 10/20/2015 10:02 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



TEMPORARY TRAFFIC SIGNAL TIMING

TEMPORARY SIGNAL TIMING #1
MONDAY-WEDNESDAY: 8:00 AM - 6:00 PM
THURSDAY: 8:00 AM - 12:00 PM

NB		SB	
RED	28	RED	28
GREEN	35	RED	35
YELLOW	5	RED	5
RED	28	RED	28
RED	55	GREEN	55
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #2
THURSDAY: 12:00 PM to 6:00 PM
FRIDAY 8:00 AM - FRIDAY 12:00 PM

NB		SB	
RED	28	RED	28
GREEN	66	RED	66
YELLOW	5	RED	5
RED	28	RED	28
RED	37	GREEN	37
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #3
6:00 PM - 8:00 AM

NB		SB	
RED	28	RED	28
GREEN	29	RED	29
YELLOW	5	RED	5
RED	28	RED	28
RED	29	GREEN	29
RED	5	YELLOW	5

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 4	SHEET 84	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S4.DWG
LAYOUT NAME - 026120-S4
PLOT DATE : 10/20/2015 10:02 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

W3-3
36"X36"

ONE LANE
ROAD
AHEAD
W20-4-A

PT: 990+26.37

PC: 992+32.82

995

990

985

985EX

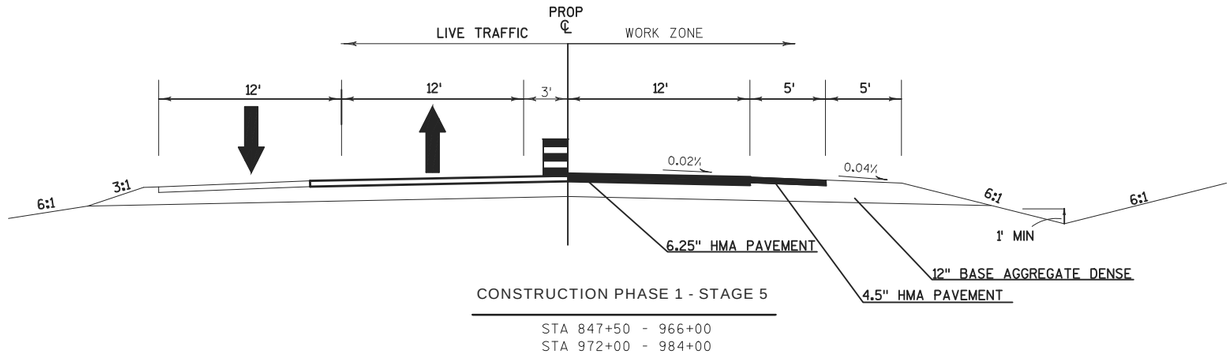
990EX

995EX

1000EX

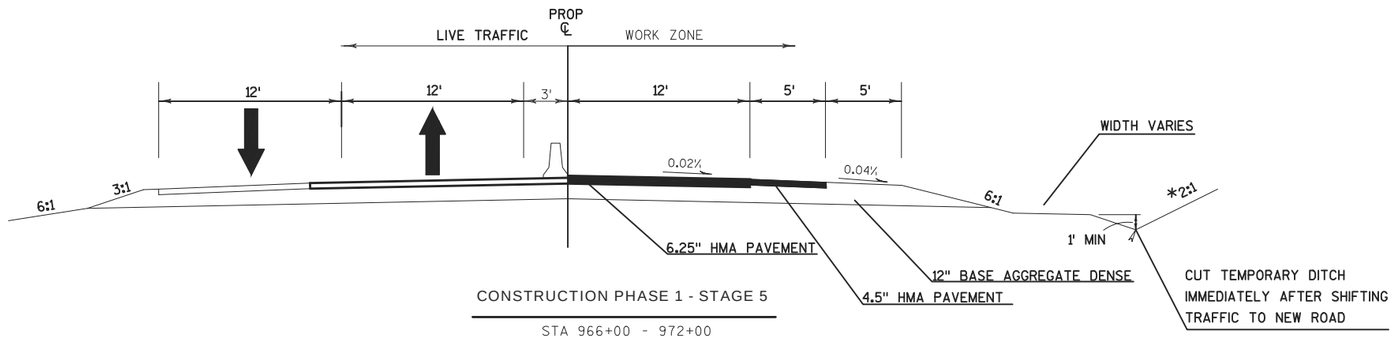
NO
PASSING
ZONE
W14-3
48"X36"

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 4	SHEET 85	E



CONSTRUCTION PHASE 1 - STAGE 5

STA 847+50 - 966+00
STA 972+00 - 984+00



CONSTRUCTION PHASE 1 - STAGE 5

STA 966+00 - 972+00

* 2:1 FOR TEMP DITCH
6:1 FOR PERMANENT DITCH

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 1 / STAGE 5	SHEET 86	E

2

N

BP: 846+92.70

USH 51

845EX

850

850EX

855

855EX

SHIFT TRAFFIC TO NEW ALIGNMENT

REMOVE ALL TEMPORARY HMA
PAVEMENT ALONG EXISTING USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 5	SHEET 87	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S5.DWG
LAYOUT NAME - 026121-S5

PLOT DATE : 10/20/2015 10:03 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

PI: 859+77.03

PC: 867+04.96

860

860EX

USH 51

865

865EX

870

870EX

REMOVE ALL TEMPORARY HMA
PAVEMENT ALONG EXISTING USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 5	SHEET 88	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S5.DWG
LAYOUT NAME - 026122-S5

PLOT DATE : 10/20/2015 10:03 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

PT: 872+27.09

PC: 880+45.23

PT: 884+56.88

875

880

885

875EX

880EX

USH 51

885EX

REMOVE ALL TEMPORARY HMA
PAVEMENT ALONG EXISTING USH 51

REMOVE TEMPORARY CULVERT

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 5	SHEET 89	E

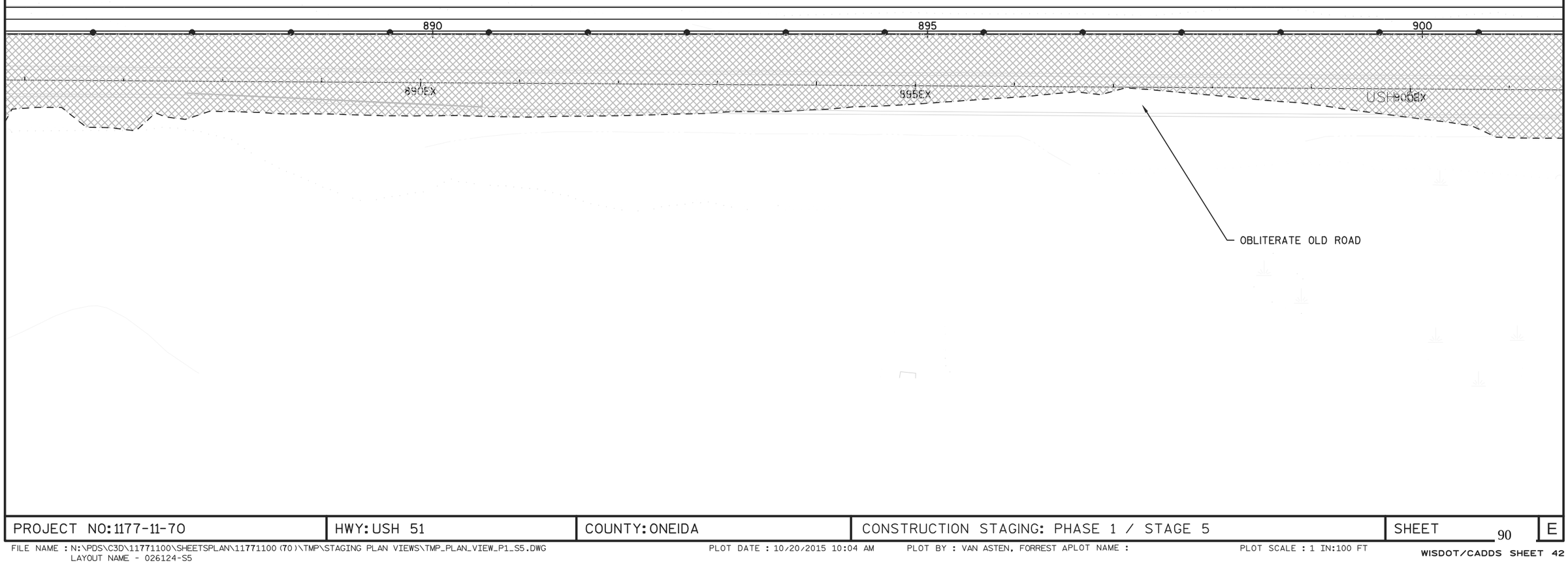
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LAYOUT NAME - 026123-S5

PLOT DATE : 10/20/2015 10:03 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 5	SHEET 90	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S5.DWG
LAYOUT NAME - 026124-S5

PLOT DATE : 10/20/2015 10:04 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

2

2

N

PC: 905+53.95

PT: 904+24.96

PT: 909+56.60

PT: 909+88.39

905

910

915

905EX

910EX

915EX

ANT

REMOVE TEMPORARY CULVERT

OBLITERATE OLD ROAD
AFTER COMPLETION OF
JACKSON HEIGHTS RD INT.

AFTER JACKSON HTS EARTHWORK IS COMPLETE,
PROVIDE ENTRANCE FOR VEHICLES TO
ACCESS USH 51 AT GRADE MATCH POINT

JACKSON HEIGHTS RD

CONSTRUCT TEMP B.A.D. PATH
ALONG EAST SIDE OF JACKSON HTS
FOR VEHICLES TO BYPASS
EARTHWORK AND ACCESS USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 5	SHEET 91	E

2

N

JACKSON HEIGHTS ROAD
TEMP. CROSSOVER ACCESS
48" WIDE C.A.B.C. SURFACE
24' RADII
STA 916+60 USH 51

BP: 0+00.00

EP: 1+53.74

PC: 924+75.11

PT: 926+91.82

920

925

930

920EX

USH 51

925EX

930EX

OBLITERATE OLD ROAD

REMOVE TEMPORARY CULVERT

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 5	SHEET 92	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S5.DWG
LAYOUT NAME - 026126-S5

PLOT DATE : 10/20/2015 10:04 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

OAKRIDGE ROAD
TEMP. CROSSOVER ACCESS
48" WIDE C.A.B.C. SURFACE
24' RADII
STA 938+30 USH 51

PC: 934+82.11

BP: 0+00.00

PT: 941+93.29

PC: 943+37.90

930

935

940

945

935EX

940EX USH 51

945EX

EP: 1+54.13

OAKRIDGE RD.

OBLITERATE OLD ROAD

REMOVE TEMPORARY CULVERT

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 5	SHEET 93	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S5.DWG
LAYOUT NAME - 026127-S5

PLOT DATE : 10/20/2015 10:04 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

PT: 946+68.27

945 950 955 960

455EX 950EX 955EX 960EX

OBLITERATE OLD ROAD

OBLITERATE OLD ROAD

REMOVE TEMPORARY CULVERT

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 5	SHEET 94	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S5.DWG
LAYOUT NAME - 026128-S5
PLOT DATE : 10/20/2015 10:04 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

CONSTRUCT LITTLE BEARSKIN ROAD
TEMP. CROSSOVER ACCESS
48' WIDE C.A.B.C SURFACE
24' RADII
STA 962+55 USH 51

W05-52R
12"X36"

8:1 FLARE

STA 967+00

STA 971+00
BEGIN 8:1 FLARE

PC: 960+68.13

BP: 0+00.00

PT: 967+56.79

PC: 970+63.86

15'

960

965

970

975

975EX

960EX

965EX

970EX

USH 51

EP: 1+61.14

OBLITERATE OLD ROAD

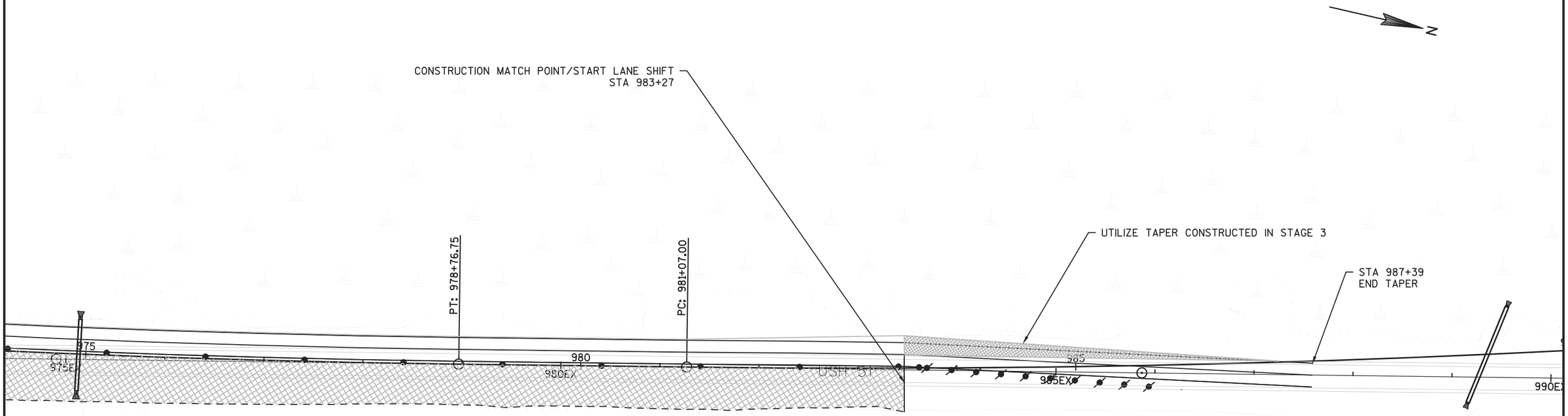
LITTLE BEARSKIN RD.

REMOVE ALL TEMPORARY HMA
PAVEMENT ALONG EXISTING USH 51

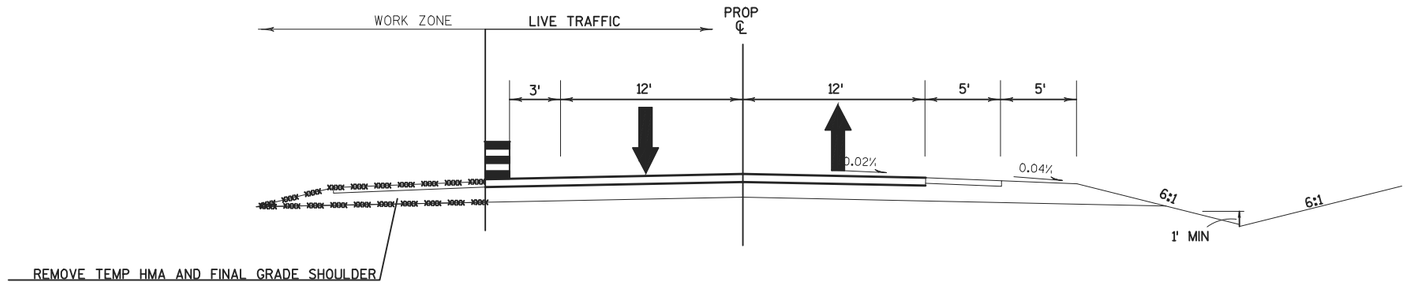
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 5	SHEET 95	E

2

2

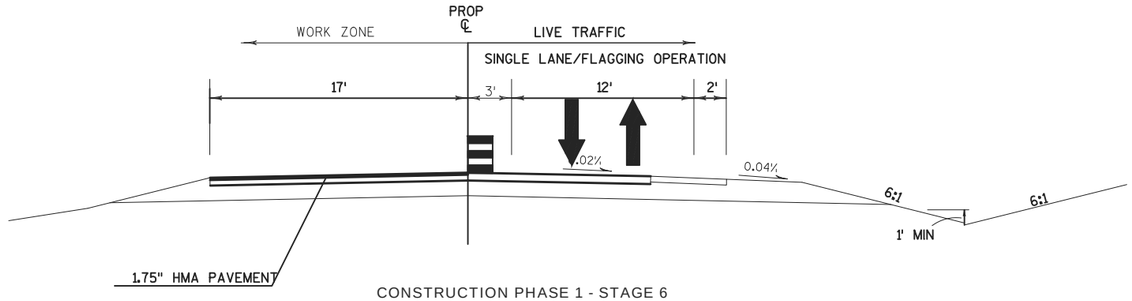


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 5	SHEET 96	E



CONSTRUCTION PHASE 1 - STAGE 6

STA 844+00 - 988+50



CONSTRUCTION PHASE 1 - STAGE 6

STA 844+00 - 988+50

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 1 / STAGE 6	SHEET 97	E

2

2

N

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

BP: 846+92.70

USH 51

850EX

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 6	SHEET 98	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S6.DWG
LAYOUT NAME - 026131-S6

PLOT DATE : 10/20/2015 10:05 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

2

2

N

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

855EX

860EX

USH 51

865EX

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 6	SHEET 99	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S6.DWG
LAYOUT NAME - 026132-S6

PLOT DATE : 10/20/2015 10:06 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

2

2

N

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

PC: 867+04.96

PT: 872+27.09

PC: 880+45.23

870EX

875EX

880EX

USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 6	SHEET 100	E

2

2

N

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

PT: 884+56.88

885EX

890EX

895EX

SH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 6	SHEET 101	E

2

2

N

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

PC: 905+53.95

PT: 909+56.60

900EX

905EX

910EX

USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 6	SHEET 102	E

2

2

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

N

PC: 924+75.11

EX

915EX

920EX

925EX

USH 51

JACKSON HEIGHTS RD.

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 6	SHEET 103	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S6.DWG
LAYOUT NAME - 026136-S6

PLOT DATE : 10/20/2015 10:06 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

PT: 926+91.82

PC: 934+82.11

925EX

930EX

935EX

940EX

USH 51

OAKRIDGE RD.

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 6	SHEET 104	E

2

N

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

PT: 941+93.29

PC: 943+37.90

PT: 946+68.27

940EX

945EX

950EX

955EX

USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 6	SHEET 105	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100 (70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P1_S6.DWG
LAYOUT NAME - 026138-S6

PLOT DATE : 10/20/2015 10:06 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

PC: 960+68.13

PT: 967+56.79

955EX

960EX

965EX

970

USH 51

LITTLE BEARSKIN RD.

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 6	SHEET 106	E

2

2

N

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

PC: 970+63.86

PT: 978+76.75

PC: 981+07.00

970EX

975EX

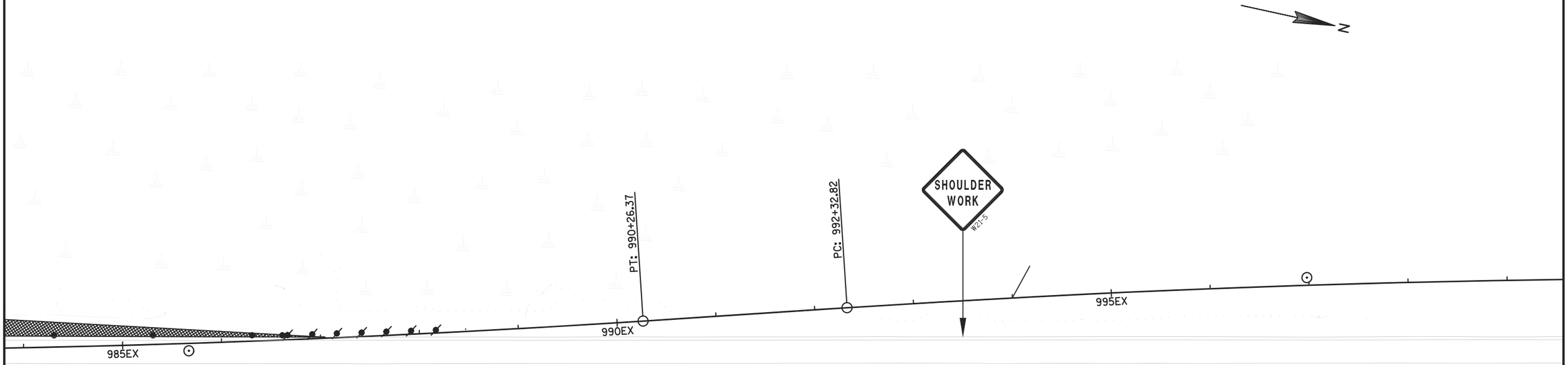
980EX

USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 6	SHEET 107	E

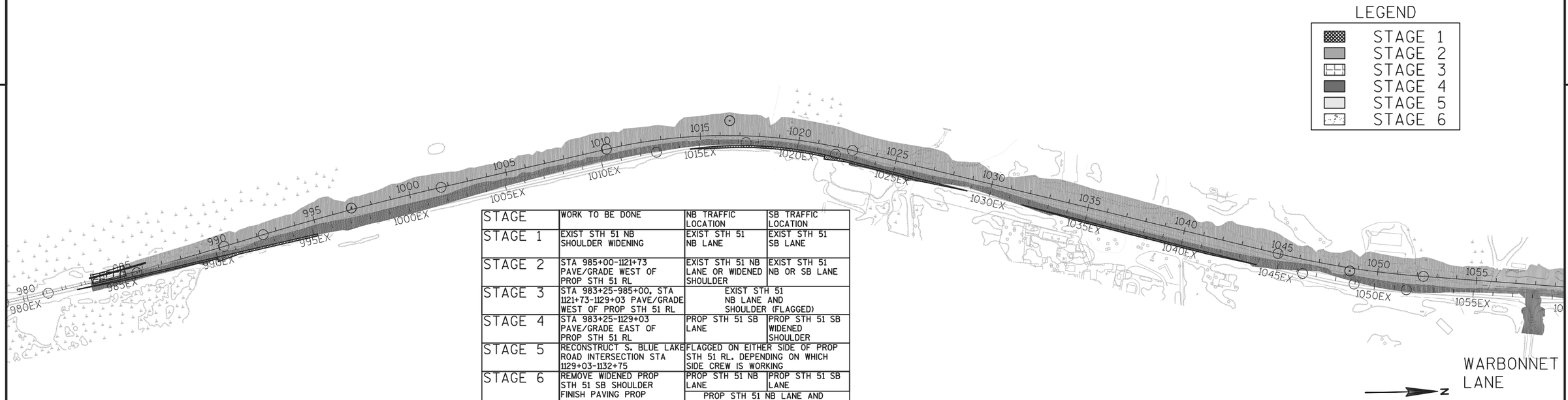
2

N

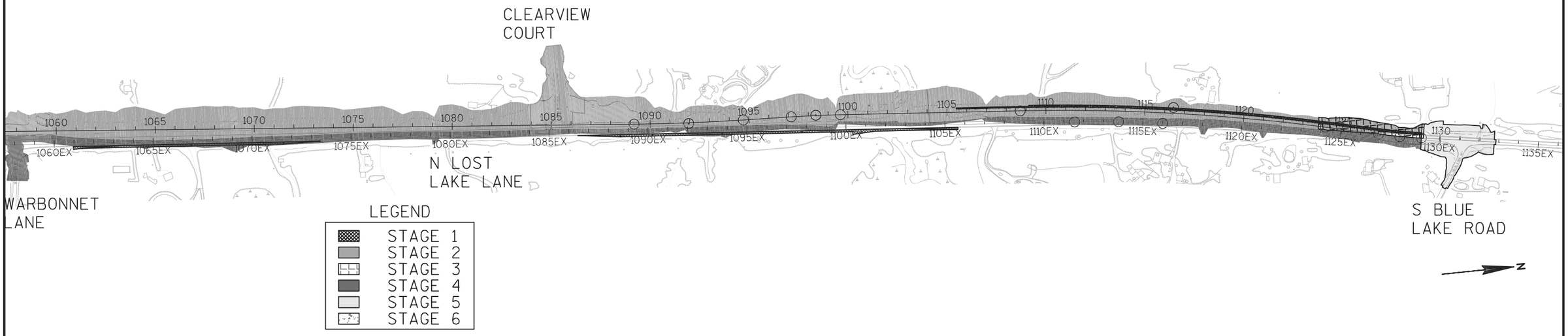


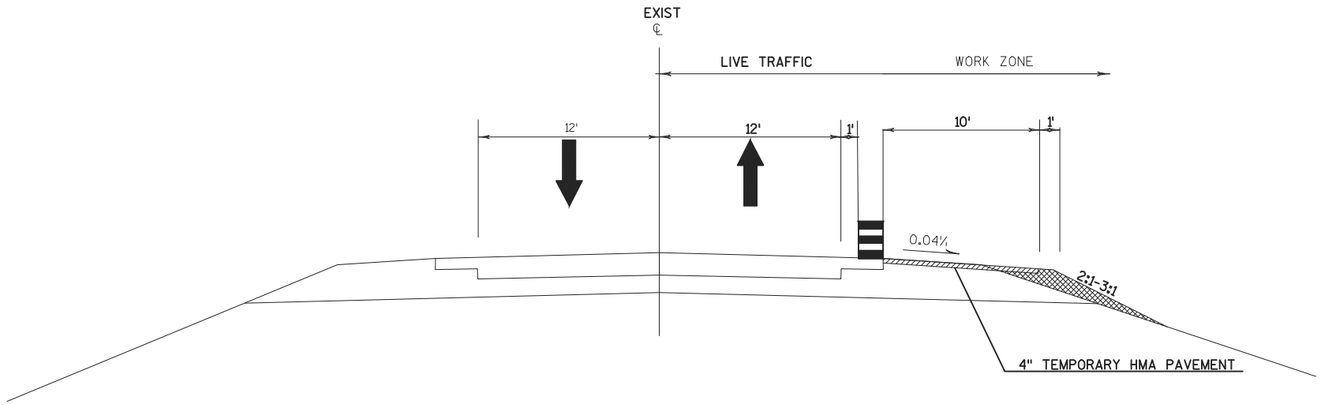
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 1 / STAGE 6	SHEET 108	E

2



STAGE	WORK TO BE DONE	NB TRAFFIC LOCATION	SB TRAFFIC LOCATION
STAGE 1	EXIST STH 51 NB SHOULDER WIDENING	EXIST STH 51 NB LANE	EXIST STH 51 SB LANE
STAGE 2	STA 985+00-1121+73 PAVE/GRADE WEST OF PROP STH 51 RL	EXIST STH 51 NB LANE OR WIDENED SHOULDER	EXIST STH 51 NB OR SB LANE
STAGE 3	STA 983+25-985+00, STA 1121+73-1129+03 PAVE/GRADE WEST OF PROP STH 51 RL	EXIST STH 51 NB LANE AND SHOULDER (FLAGGED)	
STAGE 4	STA 983+25-1129+03 PAVE/GRADE EAST OF PROP STH 51 RL	PROP STH 51 SB LANE	PROP STH 51 SB WIDENED SHOULDER
STAGE 5	RECONSTRUCT S. BLUE LAKE ROAD INTERSECTION STA 1129+03-1132+75	FLAGGED ON EITHER SIDE OF PROP STH 51 RL. DEPENDING ON WHICH SIDE CREW IS WORKING	
STAGE 6	REMOVE WIDENED PROP STH 51 SB SHOULDER FINISH PAVING PROP STH 51 SB LANE/SHOLDER	PROP STH 51 NB LANE	PROP STH 51 SB LANE
		PROP STH 51 NB LANE AND SHOULDER (FLAGGED)	





CONSTRUCTION PHASE 2 STAGE 1

STA 982+50 - 995+50
STA 1014+50 - 1029+00
STA 1031+50 - 1044+00
STA 1061+00 - 1073+50
STA 1086+00 - 1106+50

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 1	SHEET 110	E

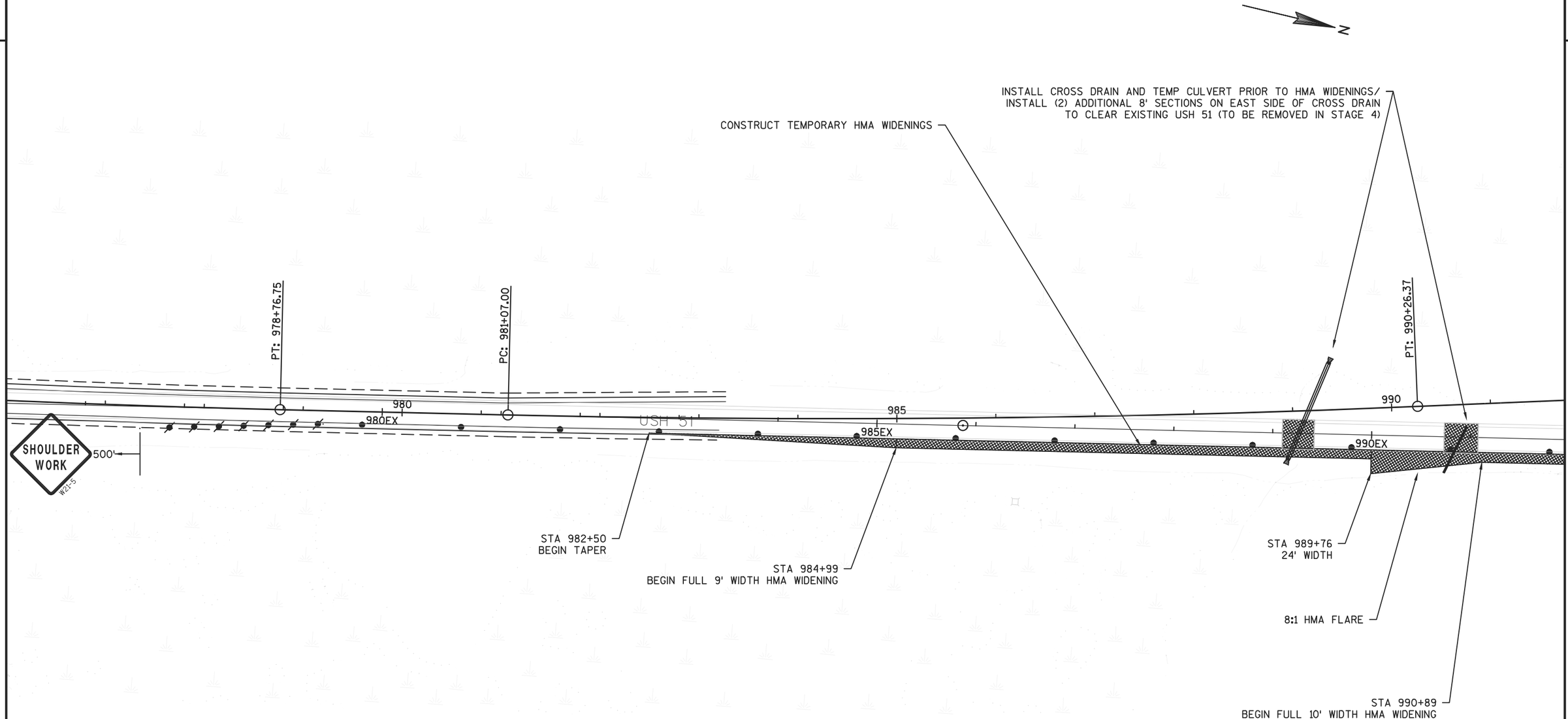
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LAYOUT NAME - 026012

PLOT DATE : 10/20/2015 10:08 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 1	SHEET 111	E

2

2

N

CONSTRUCT TEMPORARY HMA WIDENINGS

PC: 992+32.82

PT: 1001+63.12

995

1000

1005

995EX

1000EX

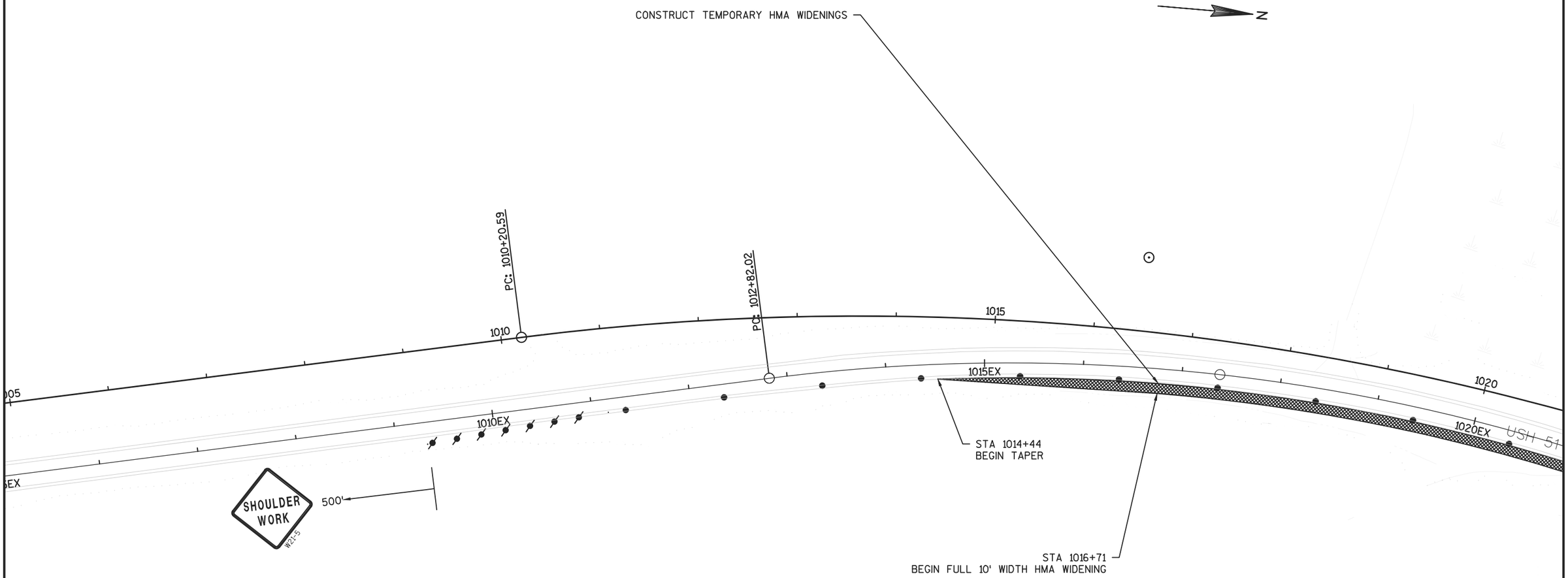
USH 51

1005EX

STA 994+98
END HMA WIDENING

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 1	SHEET 112	E

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 1	SHEET 113	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S1.DWG
LAYOUT NAME - 026203-S1
PLOT DATE : 10/20/2015 10:08 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

CONSTRUCT TEMPORARY HMA WIDENINGS

PT: 1021+94.29

PT: 1022+75.45

1020 1025 1030 1035

1020EX USH 51 1025EX USH 51 1030EX 1035EX

STA 1021+41
22.5' WIDTH

8:1 HMA FLARE

STA 1022+48
BEGIN FULL 10' WIDTH HMA WIDENING

STA 1026+07
BEGIN FLARE

STA 1026+23
12' WIDTH
BEGIN TAPER

STA 1028+86
END HMA WIDENING

STA 1031+72
BEGIN TAPER

STA 1035+01
BEGIN FULL 9' WIDTH HMA WIDENING

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 1	SHEET 114	E

2

2

N

CONSTRUCT TEMPORARY HMA WIDENINGS

1035

1040

PC: 1044+87.20

1045

PC: 1046+30.61

1050

1035EX

1040EX

1045EX

1050EX

STA 1043+95
END TAPER

STA 1041+44
BEGIN TAPER

PLACE BASE AGGREGATE
ALONG EXISTING DITCH
FORESLOPE AT 3:1 MAX
STA 1035+00 - 1040+00 RT

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 1	SHEET 115	E

2

2

N

CONSTRUCT TEMPORARY HMA WIDENINGS

PT: 1052+31.76

PT: 1051+62.04

1050

1055

1060

1050EX

1055EX

1060EX

USH 51

USH 51

500'

SHOULDER WORK

W21-5

WARBONNET LN.

15'

STA 1061+26
BEGIN FULL 10' WIDTH HMA WIDENING

STA 1060+86
BEGIN HMA FLARE

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 1	SHEET 116	E

2

2

CONSTRUCT TEMPORARY HMA WIDENINGS

N

1065

1070

1075

1065EX

1070EX

1075EX

STA 1071+49
BEGIN TAPER

STA 1073+33
END TAPER

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 1	SHEET 117	E

2

2

N

CONSTRUCT TEMPORARY HMA WIDENINGS

CLEARVIEW CT.

PC: 1089+18.73

1080 1085 1090

USH 51 USH 51

1080EX 1085EX 1090EX

SHOULDER WORK W21-5

500'

STA 1086+34
BEGIN TAPER

STA 1088+48
BEGIN FULL 10' WIDTH HMA WIDENING

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 1	SHEET 118	E

2

2

N

CONSTRUCT TEMPORARY HMA WIDENINGS

PT: 1094+71.13

PC: 1097+13.32

PT: 1099+61.94

1095

1100

1105

1095EX

1100EX

1105EX

USH 51

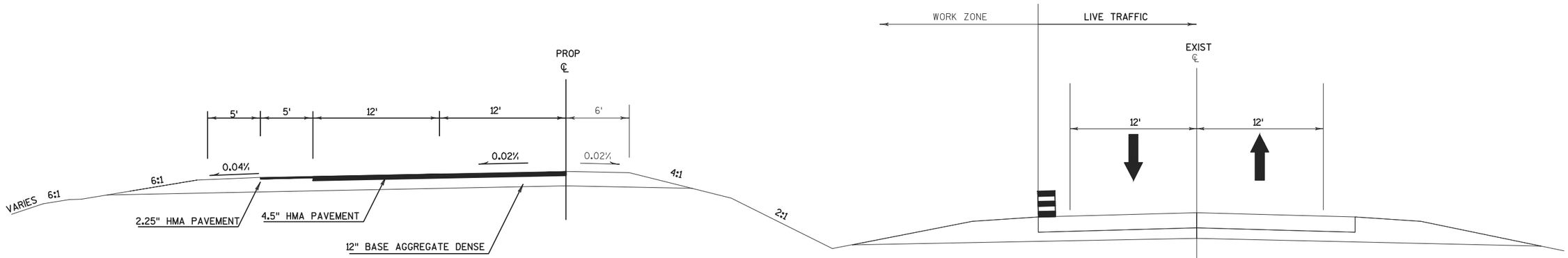
STA 1100+23
24' WIDTH

8:1 HMA FLARE

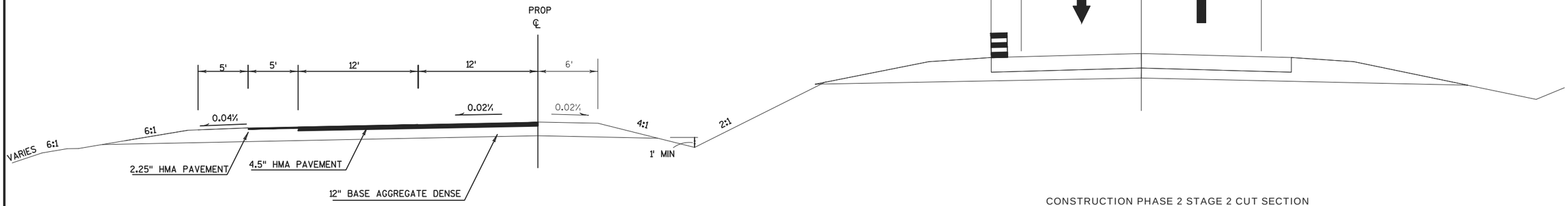
STA 1101+35
RESUME 10' WIDTH HMA WIDENING

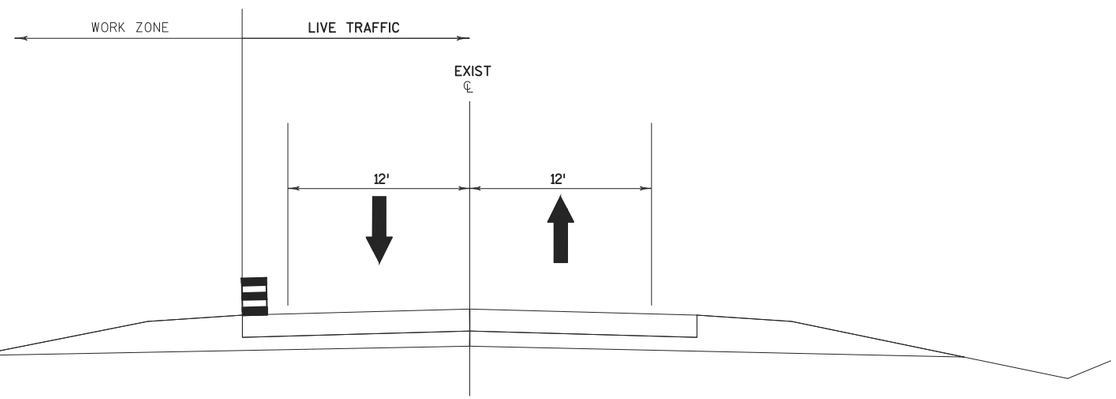
STA 1105+54
END HMA WIDENING

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 1	SHEET 119	E



FILL SECTION

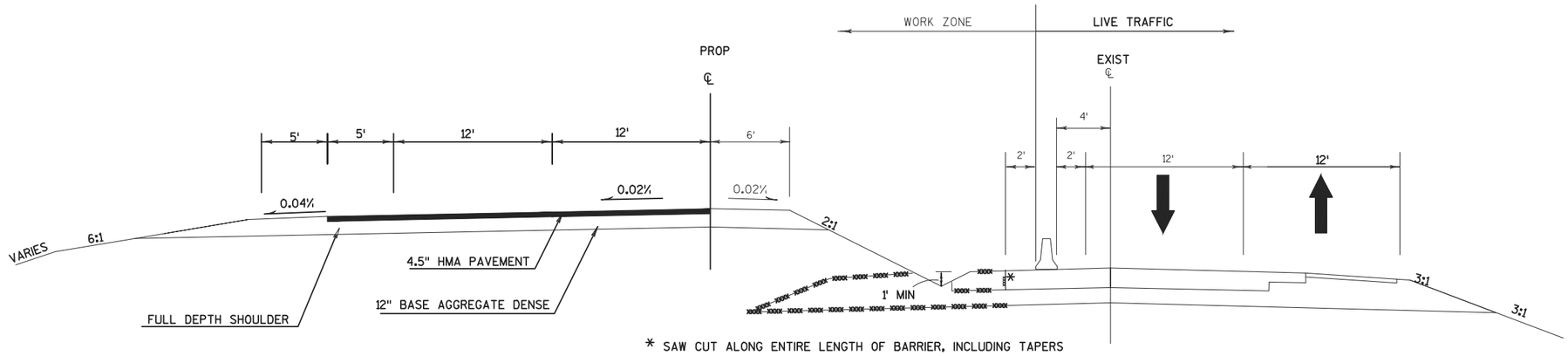




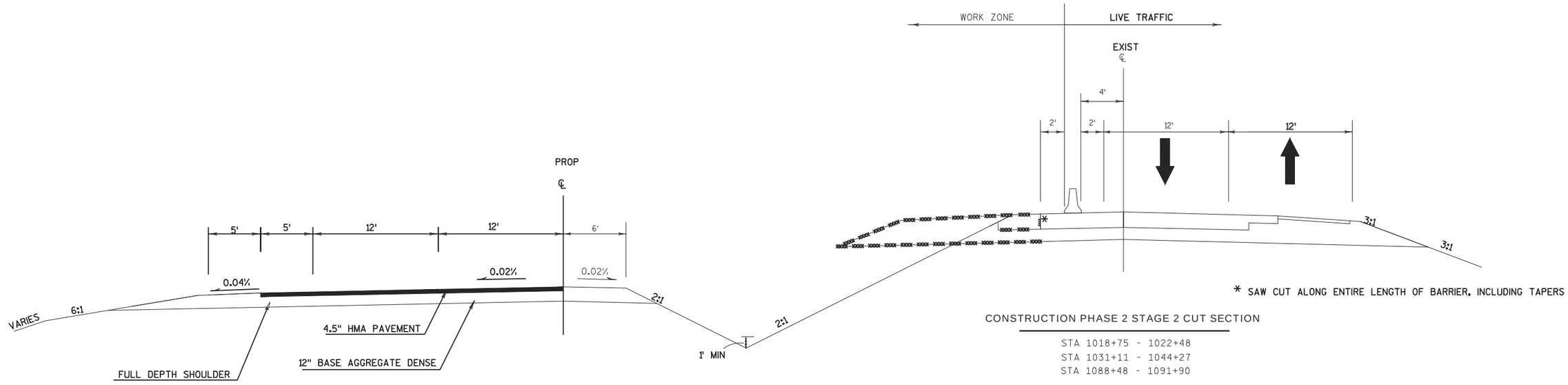
CONSTRUCTION PHASE 2 STAGE 2 CUT SECTION

STA 995+50 - 1014+00
STA 1026+36 - 1031+11
STA 1044+27 - 1061+49

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 120	E



FILL SECTION

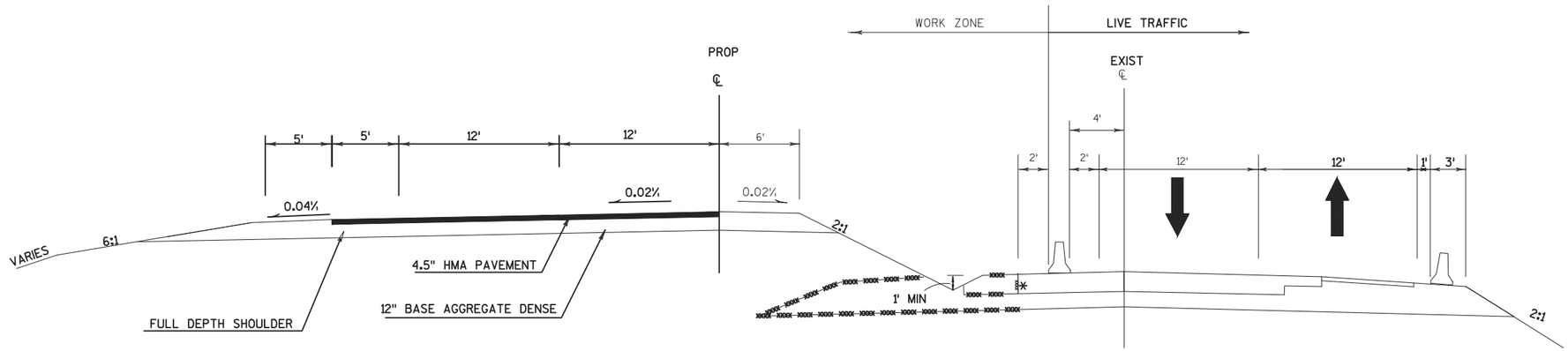


CONSTRUCTION PHASE 2 STAGE 2 CUT SECTION

STA 1018+75 - 1022+48
STA 1031+11 - 1044+27
STA 1088+48 - 1091+90

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 121	E

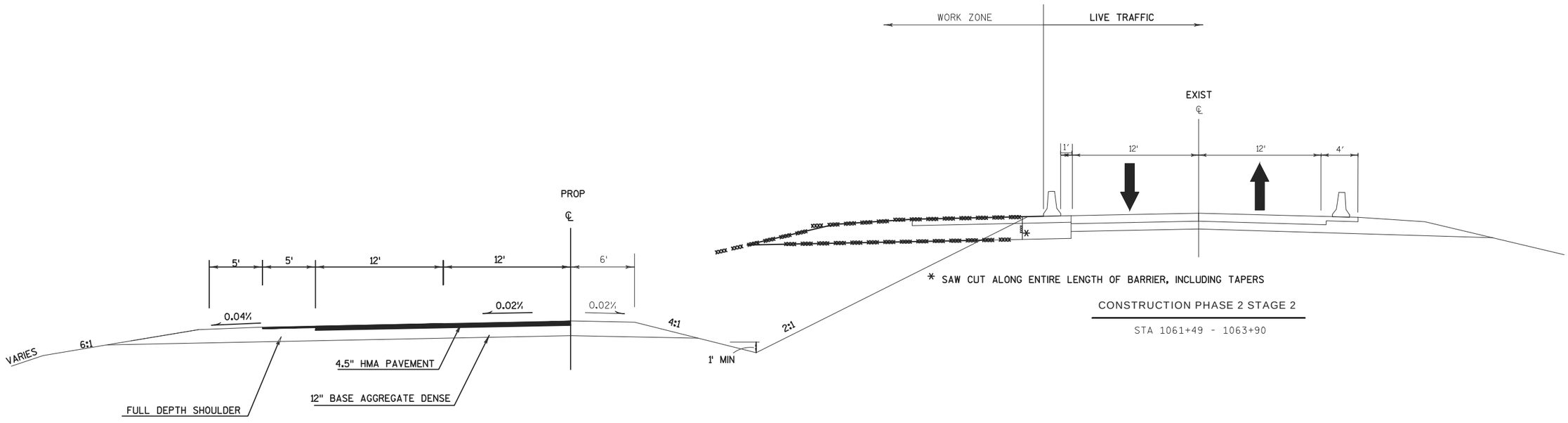
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\TYPICAL_SECTIONS_CONSTRUCTION_STAGING3_AJW.DWG
LAYOUT NAME - 026015
PLOT DATE : 10/20/2015 10:12 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



* SAW CUT ALONG ENTIRE LENGTH OF BARRIER, INCLUDING TAPERS

CONSTRUCTION PHASE 2 STAGE 2

STA 1022+48 - 1026+36

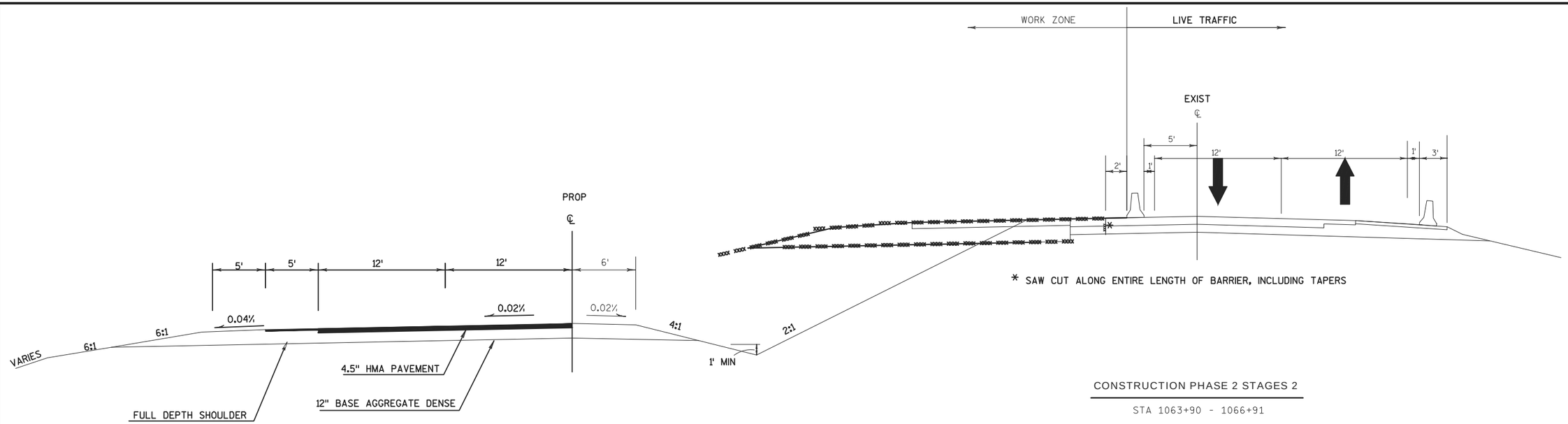


* SAW CUT ALONG ENTIRE LENGTH OF BARRIER, INCLUDING TAPERS

CONSTRUCTION PHASE 2 STAGE 2

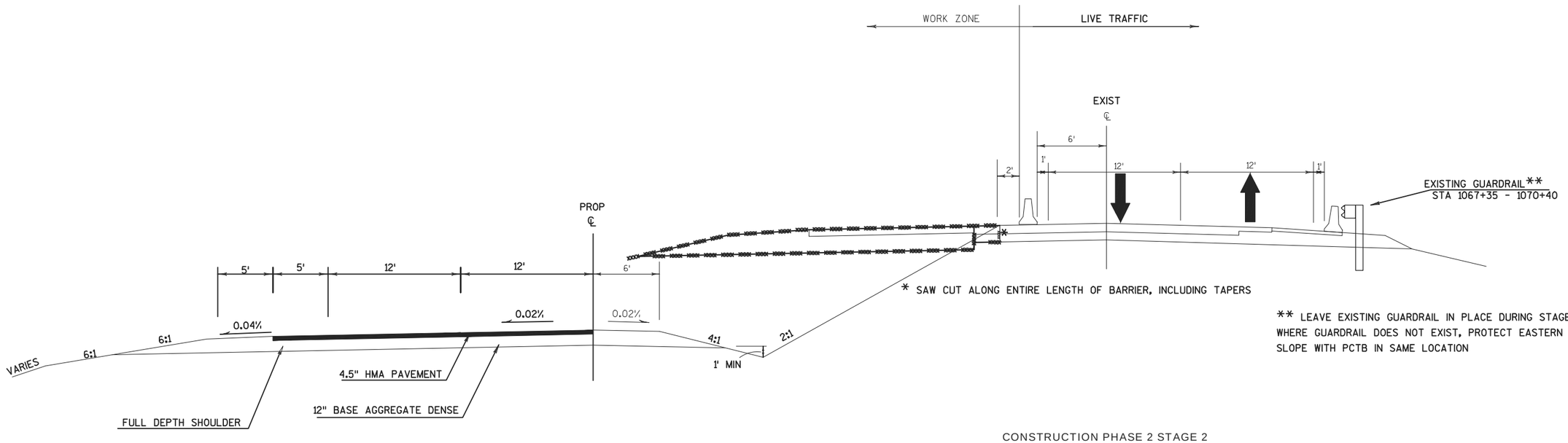
STA 1061+49 - 1063+90

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 122	E



CONSTRUCTION PHASE 2 STAGES 2

STA 1063+90 - 1066+91

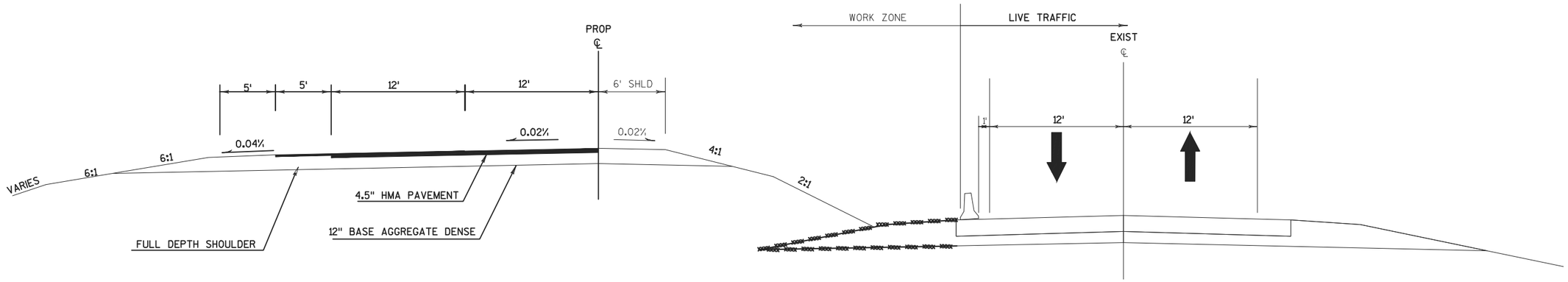


CONSTRUCTION PHASE 2 STAGE 2

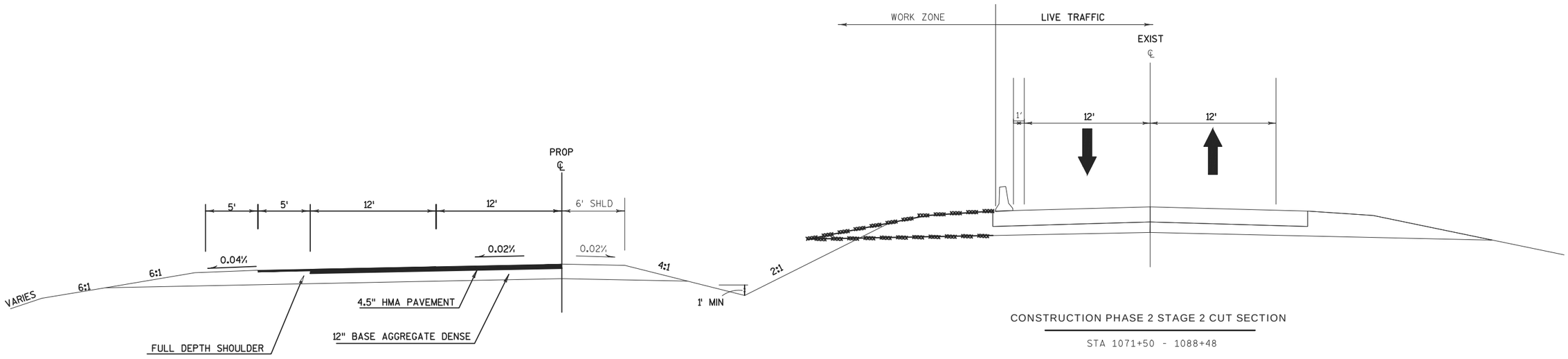
STA 1066+91 - 1071+50

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 123	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\TYPICAL_SECTIONS_CONSTRUCTION_STAGING3_AJW.DWG
LAYOUT NAME - 026017
PLOT DATE : 10/20/2015 10:12 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



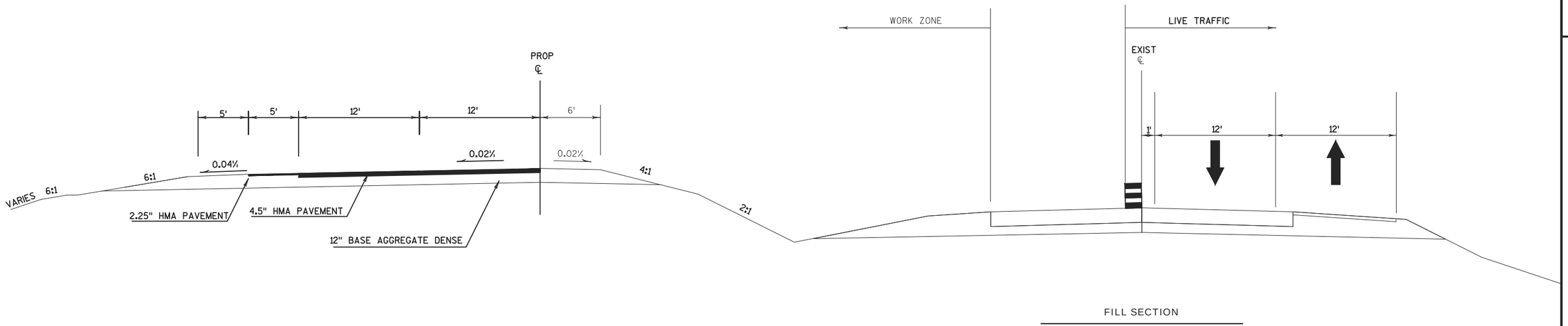
FILL SECTION



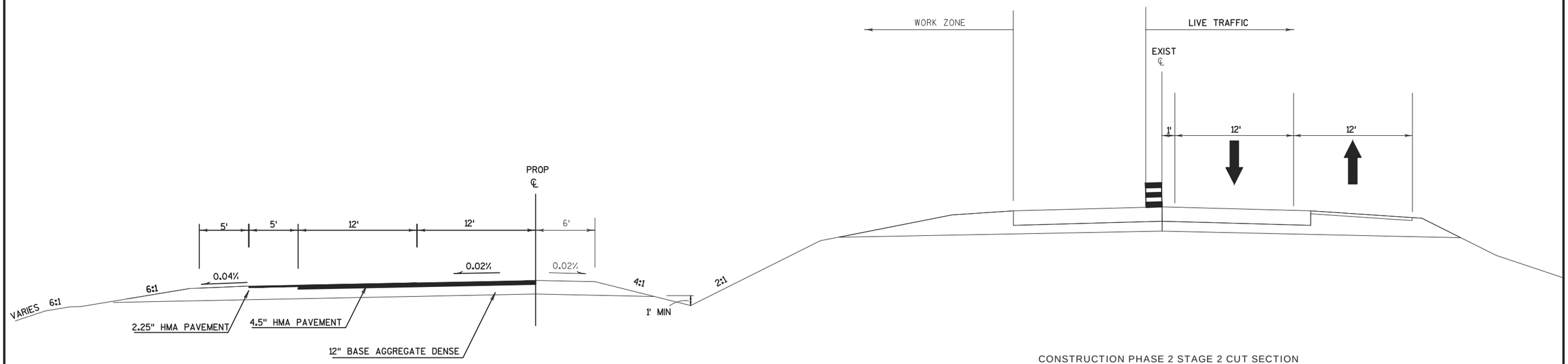
CONSTRUCTION PHASE 2 STAGE 2 CUT SECTION

STA 1071+50 - 1088+48

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 124	E



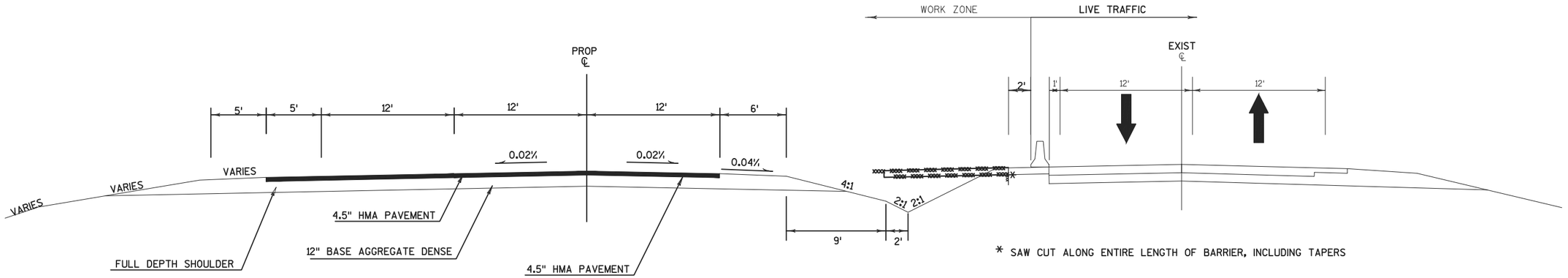
FILL SECTION



CONSTRUCTION PHASE 2 STAGE 2 CUT SECTION

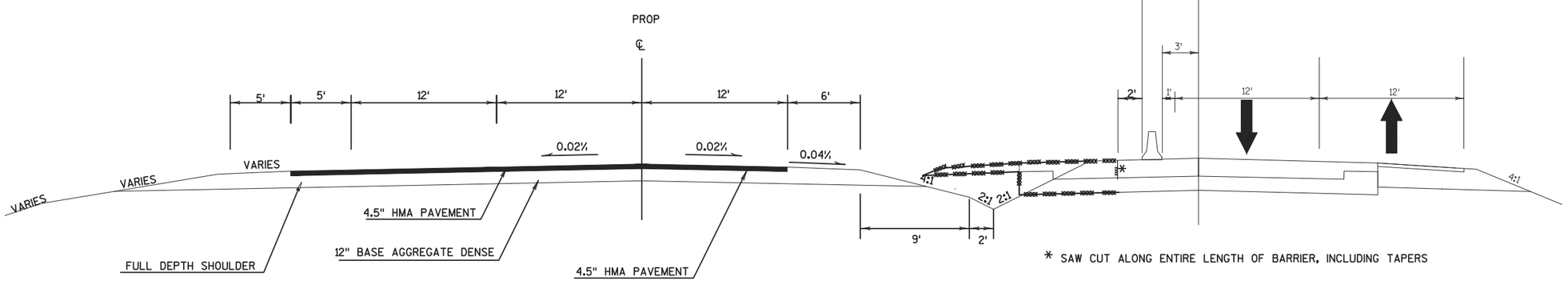
STA 1014+00 - 1018+75

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 125	E



CONSTRUCTION PHASE 2 STAGE 2

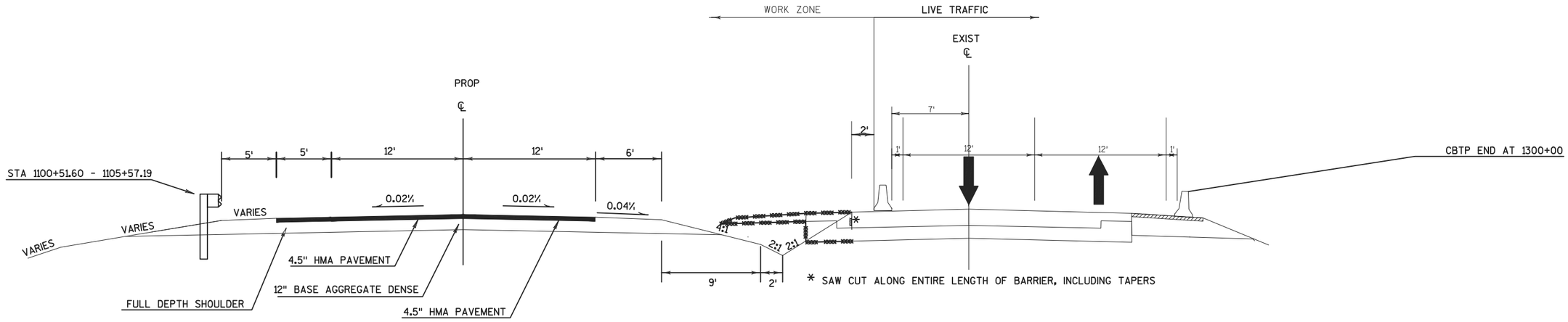
STA 1091+90 - 1095+50



CONSTRUCTION PHASE 2 STAGE 2

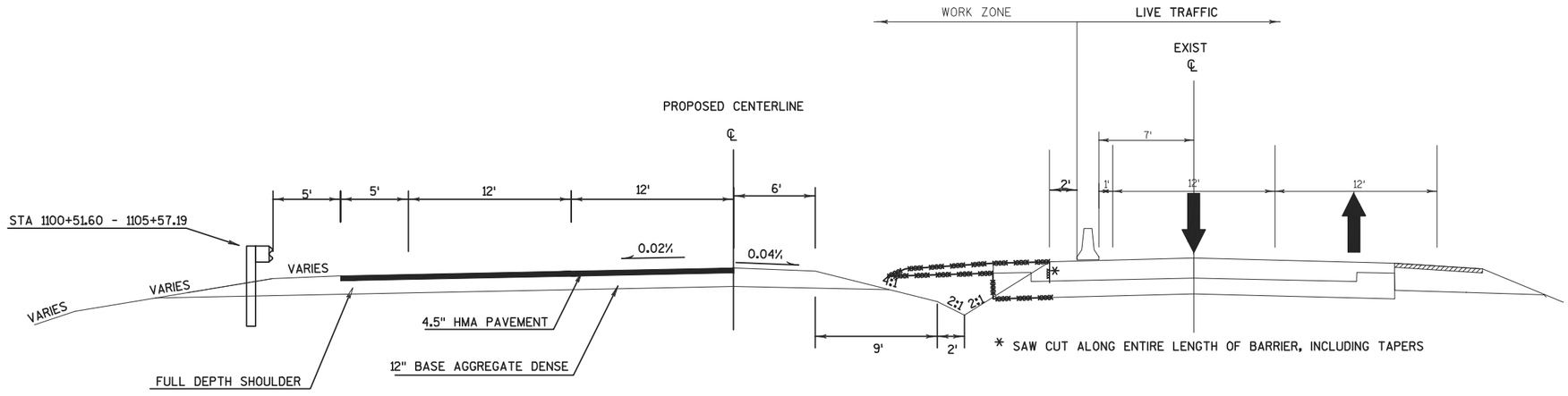
STA 1095+50 - 1100+35

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 126	E



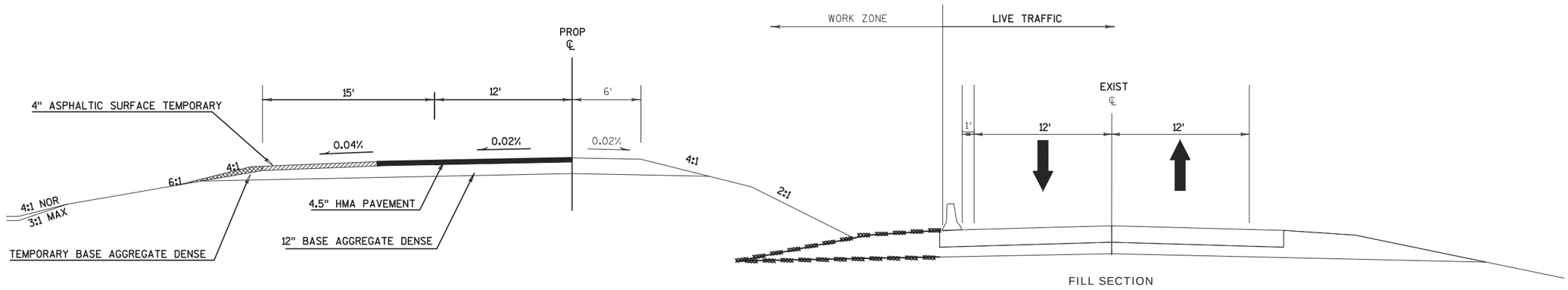
CONSTRUCTION PHASE 2 STAGE 2

STA 1100+35 - 1104+17

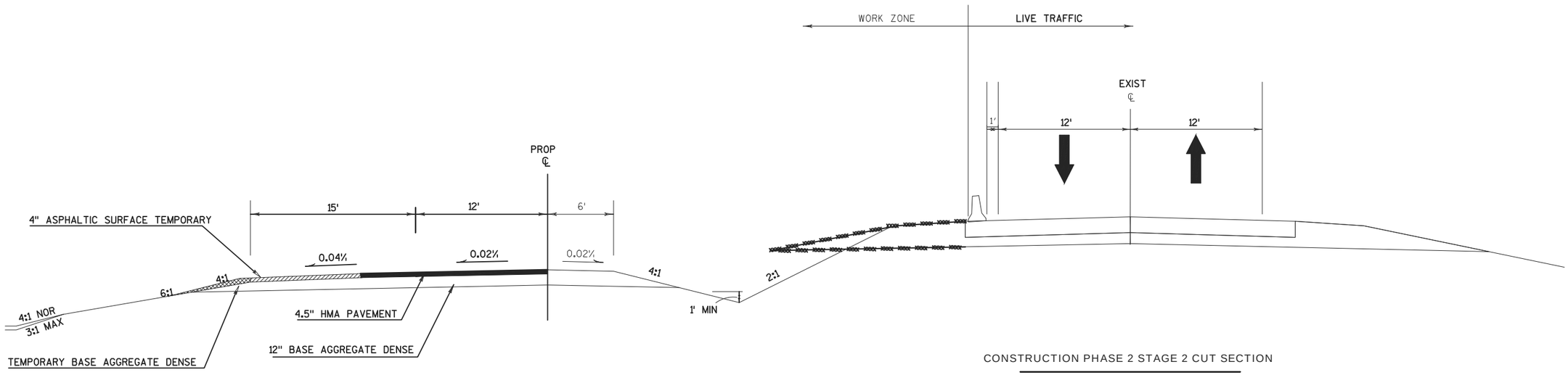


CONSTRUCTION PHASE 2 STAGE 2

STA 1407+17 - 1107+00



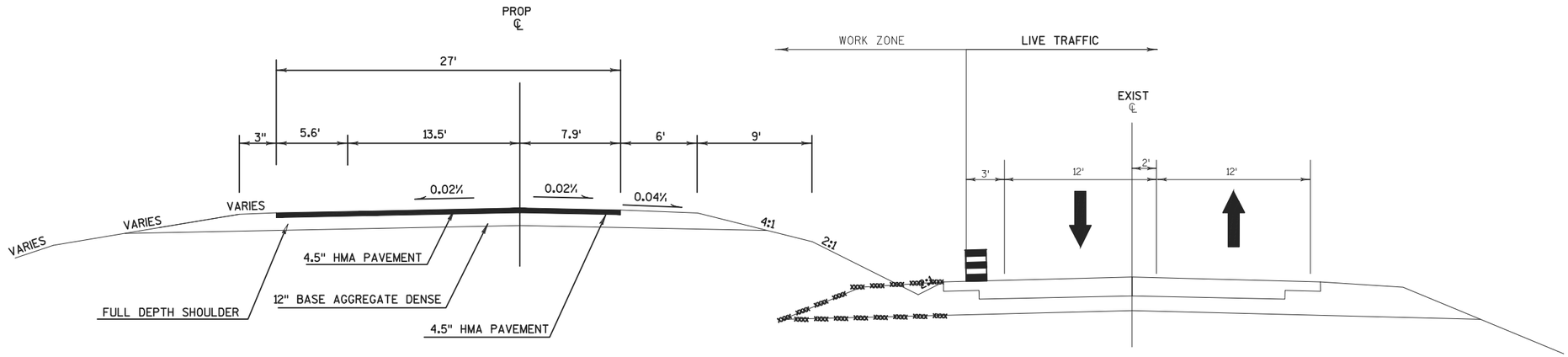
FILL SECTION



CONSTRUCTION PHASE 2 STAGE 2 CUT SECTION

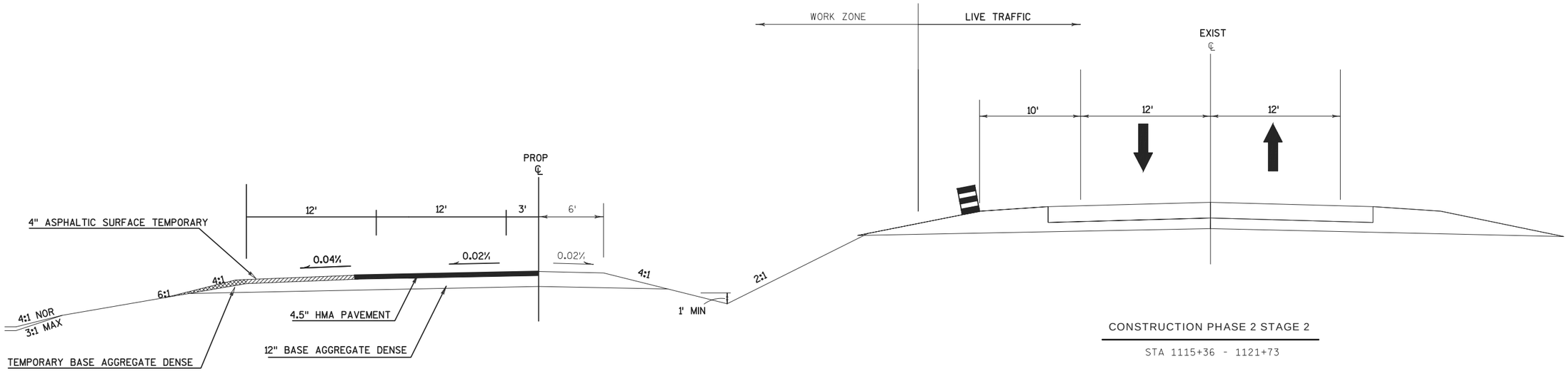
STA 1112+34 - 1115+36

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 128	E



CONSTRUCTION PHASE 2 STAGE 2

STA 1107+00 - 1112+34



CONSTRUCTION PHASE 2 STAGE 2

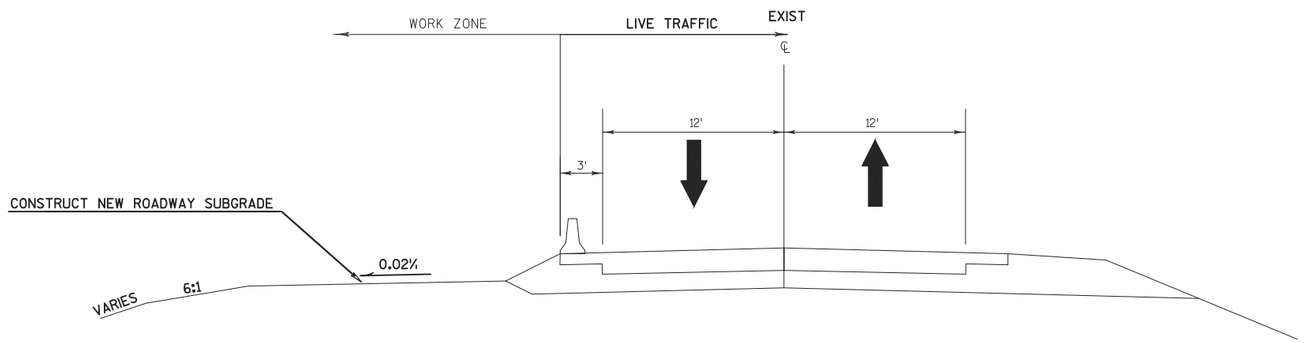
STA 1115+36 - 1121+73

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 129	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\TYPICAL_SECTIONS_CONSTRUCTION_STAGING3_AJW.DWG
LAYOUT NAME - 026020 (3)

PLOT DATE : 10/20/2015 10:12 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

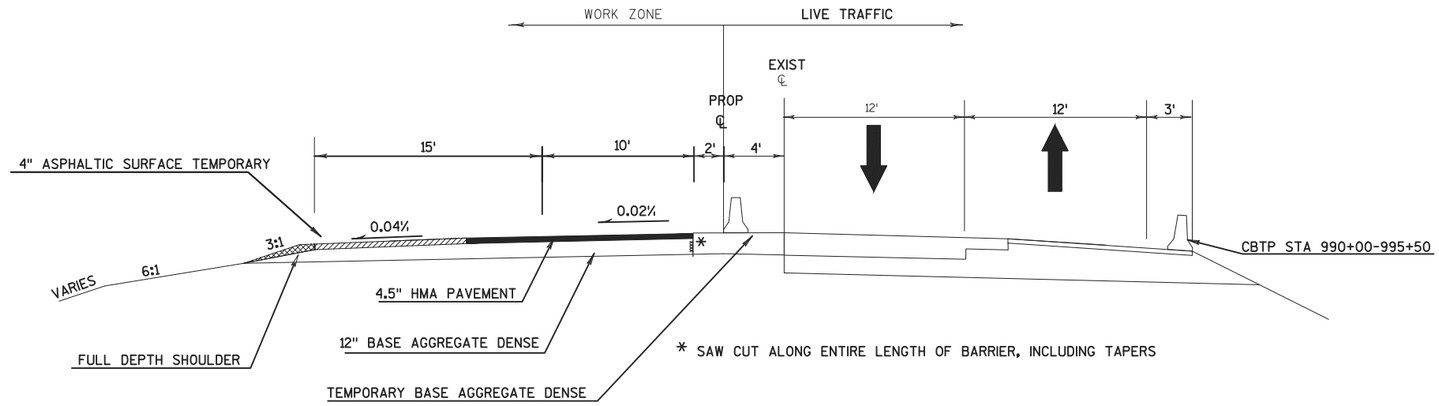


CONSTRUCTION PHASE 2 - STAGE 2

STA 1121+73 - 1129+03

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 130	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\TYPICAL_SECTIONS_CONSTRUCTION_STAGING3_AJW.DWG
LAYOUT NAME - 026020 (4)
PLOT DATE : 10/20/2015 10:12 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



CONSTRUCTION PHASE 2 - STAGE 2

STA 985+00 - 995+50

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 131	E

2

N

8:1 FLARE
TO STA 985+00

PC: 981+07.00

980

980EX

USH 51

STA 982+21
START LANE SHIFT

985

985EX

STA 985+00
END LANE SHIFT

W05-52R
12"X36"

STA 991+29
START 8:1 FLARE

PT: 990+26.37

PC: 992+32.82

990

990EX

995EX

STA 991+26
START LANE SHIFT

8:1 FLARE
TO STA 990+89

W05-52R
12"X36"

STA 994+16
END LANE SHIFT

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 132	E

2

2

INSTALL CROSS DRAIN FROM OUTFALL TO 53.5' RT OF PROPOSED ALIGNMENT
(DO NOT INSTALL REMAINING 32' AND ENDWALL)
BURY PIPE END FOR FUTURE COMPLETION IN STAGE 4

N

PT: 1001+63.12

995

1000

1005

995EX

1000EX

USH 51

1005EX

STA 994+97
END BARRIER

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 133	E

2

N

8:1 FLARE
TO STA 1018+75

PC: 1010+20.59

PC: 1012+82.02

1010

1010EX

1015

1015EX

STA 1014+28
START LANE SHIFT

STA 1017+25
END LANE SHIFT

1020

1020EX

USH 51

PT: 1021+94.29

PT: 1022+75.45

8:1 FLARE

W05-52R
12"X36"

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 134	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S2.DWG
LAYOUT NAME - 026212-S2

PLOT DATE : 10/20/2015 10:13 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

W05-52R
12"X36"

STA 1026+36
START LANE SHIFT
START 8:1 BARRIER FLARE

STA 1027+47

STA 1029+63
END LANE SHIFT

1025

1030

1035

PT: 0+84.31

PC: 1+54.82

PC: 2+99.48

PT: 3+30.76

PC: 3+98.62

1025EX

1030EX

1035EX

USH 51

15'

15'

PC: 0+13.80
BP: 0+00.00

PT: 4+42.63

EP: 4+45.20

STA 1031+09
START BARRIER/LANE SHIFT

STA 1035+01
END LANE SHIFT

CONSTRUCT TEMPORARY FROST BITE TRAIL
PRIOR TO REPLACING STA 1025+00 CROSS DRAIN

REPLACE CROSS DRAIN ACCORDING TO CULVERT STAGING PLAN
PRIOR TO PLACING BARRIER FOR STAGE 2 MAJOR EARTHWORK

INSTALL TEMPORARY CULVERT IN CONJUNCTION
WITH ADJACENT CROSS DRAIN INSTALLATION

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 135	E

2

2

N

CONSTRUCT TEMP C.E. PRIOR TO
RECONSTRUCTING C.E. MAIN ENTRANCE

STA 1047+50
CONSTRUCT 24' WIDE TEMP
CROSSOVER FOR P.E. ACCESS
25' RADII
INSTALL TEMPORARY 24"X34' CULVERT

PC: 1044+87.20

PC: 1046+30.61

PT: 1051+62.04

PT: 1052+34.76

1040

1045

1050

1040EX

1045EX

1050EX

27'

27'

STA 1041+45
START LANE SHIFT

STA 1035+01
END LANE SHIFT

STA 1043+95
START 8:1 BARRIER FLARE

W05-52R
12"X36"

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 136	E

2

N

STA 1059+50
CONSTRUCT 12' WIDE TEMP CROSSOVER FOR P.E. ACCESS
25' RADII
INSTALL TEMPORARY 24"X20' CULVERT

PT: 0+79.77
BP: 0+00.00
PC: 0+23.28
PC: 1+89.89
PT: 2+56.85
EP: 3+11.12
PT: 1+05.57
PI: 3+73.80
PC: 4+73.92
PT: 5+36.80
EP: 5+65.04

STA 1061+26
START 8:1 FLARE

STA 1061+50
END FLARE
START LANE SHIFT

STA 1061+34
END FLARE

STA 1060+86
START 8:1 FLARE

W05-52R
12"X36"

W05-52R
12"X36"

23' OPENING IN BARRIER

REPLACE CROSS DRAIN AND INSTALL TEMPORARY CULVERT

1055
1055EX
1060
1060EX
1065
1065EX

USH 51

WARBONNET LN.

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 137	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S2.DWG
LAYOUT NAME - 026215-S2
PLOT DATE : 10/20/2015 10:13 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

2

CONSTRUCT NEW P.E. WHILE PROPERTY
IS ACCESSED FROM EXISTING P.E.

N

STA 1076+02
CONSTRUCT 16' WIDE TEMP
CROSSOVER FOR P.E. ACCESS
INSTALL TEMPORARY 24"X22' CULVERT
30' GAP IN BARRIER

BP: 0+00.00
PI: 0+29.13
PC: 0+29.29

W05-52R
12"X36"

STA 1075+16
START 8:1 FLARE

STA 1076+28
END 8:1 FLARE

PT: 2+56.98
PI: 1+98.91
PC: 1+40.50

1070 2+98.72 1075 1080

USH 51

1070EX 1075EX 1080EX

22'
15'

STA 1071+49
BEGIN LANE SHIFT

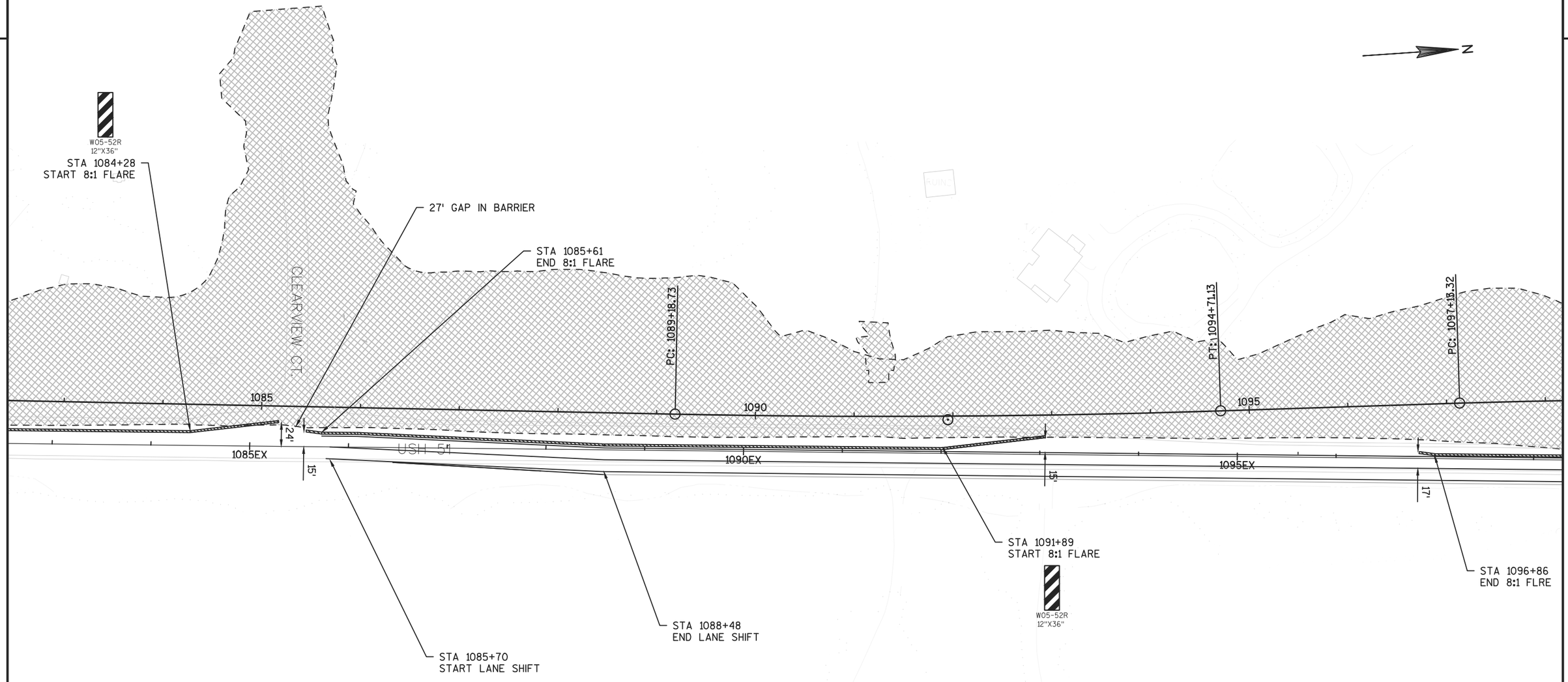
STA 1073+80
END LANE SHIFT

INSTALL CROSS DRAIN FROM OUTFALL TO 12.0' RT OF PROPOSED ALIGNMENT
(DO NOT INSTALL REMAINING 32' AND ENDWALL)
BURY PIPE END FOR FUTURE COMPLETION IN STAGE 4
ALLOW FLOW IN SB DITCH TO TEMPORARILY BYPASS TO DOWNSTREAM OUTFALL LOCATION

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 138	E

2

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 139	E

2

2

N

STA 1099+23
START LANE SHIFT

STA 1100+56
END LANE SHIFT

PT: 1099+61.94

STA 1104+17
START LANE SHIFT

W05-52R
12"X36"

STA 1106+15
END LAND SHIFT
START 8:1 FLARE

PC: 1108+70.63

PC: 1111+55.07

1100

1105

1110

1100EX

1105EX

1110EX

USH 51

STA 1105+54
END BARRIER

STA 1112+34
END 8:1 FLARE

STA 1101+34
END FLARE

W05-52R
12"X36"

STA 1100+23
START 8:1 FLARE

INSTALL TEMPORARY CULVERT PRIOR TO INSTALLING BARRIER

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 140	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S2.DWG
LAYOUT NAME - 026218-S2

PLOT DATE : 10/20/2015 10:13 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

PT: 1116+00.32

PT: 1124+15.75

PC: 1126+86.23

1115

1120

1125

1115EX

1120EX

1125EX

27'

16'

STA 1115+36
START 8:1 FLARE

W05-52R
12"X36"

STA 1121+74
END 8:1 FLARE

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 141	E

2

2

N

CONSTRUCT TEMPORARY C.E. PRIOR TO INSTALLING BARRIER

PT: 1124+15.75

PC: 1126+86.23

PT: 1129+03.13

PT: 1+00.45

BP: 0+00.00

PC: 0+20.52

PC: 2+03.34

PT: 2+66.17

EP: 2+81.76

27'

1125

1125EX

USH 51

1130

1130EX

1135EX

USH 51

STA 1129+03
START 8:1 FLARE

W05-52R
12"X36"

S. BLUE LAKE RD.

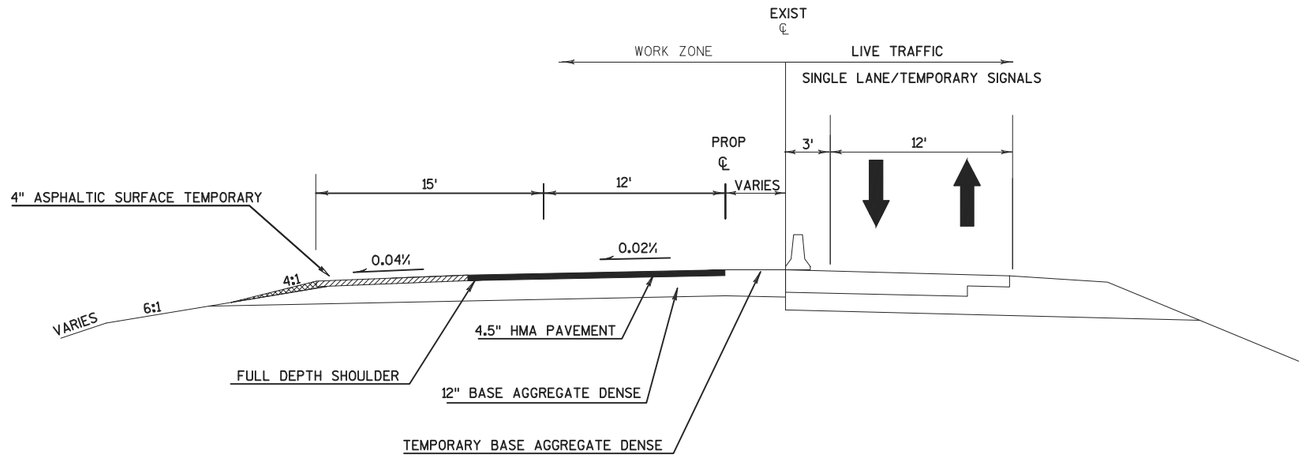
RUINS

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 2	SHEET 142	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S2.DWG
LAYOUT NAME - 026220-S2

PLOT DATE : 10/20/2015 10:14 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT



CONSTRUCTION PHASE 2 - STAGE 3

STA 983+25 - 985+00
STA 1121+73 - 1129+03

2

2

N

TEMPORARY TRAFFIC SIGNALS /
ONE-LANE ONE-WAY TRAFFIC

NO PASSING ZONE

W14-3
48"X36"

PT: 967+56.79

PC: 970+63.86

PT: 978+76.75

965

970

975

980

965EX

970EX

975EX

980EX

ONE LANE ROAD AHEAD

W20-4-A

W3-3
36"X36"

LITTLE BEARSKIN RD.

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 3	SHEET 144	E

2

N

STA 983+03

TEMPORARY TRAFFIC SIGNALS / ONE-LANE ONE-WAY TRAFFIC

W1-6 48"X24"

TYPE III BARRICADE

BARRIER FROM STAGE 2 TO REMAIN

W3-3 36"X36"

STOP HERE ON RED

R10-6 24"X36"

PC: 981+07.00

W5-52L 12"X36"

W5-52R 12"X36"

PT: 990+26.37

PC: 992+32.82

980

980EX

USH 51

985EX

990

990EX

995EX

STA 981+52 STOP LINE

STOP HERE ON RED

R10-6 24"X36"

W1-4R 30"X30"

STA 986+10 STOP LINE

W05-52R 12"X36"

NO PASSING ZONE

W14-3 48"X36"

W05-52R 12"X36"

TEMPORARY TRAFFIC SIGNAL TIMING

TEMPORARY SIGNAL TIMING #1
MONDAY-WEDNESDAY: 8:00 AM - 6:00 PM
THURSDAY: 8:00 AM - 12:00 PM

NB		SB	
RED	16	RED	16
GREEN	24	RED	24
YELLOW	5	RED	5
RED	16	RED	16
RED	37	GREEN	37
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #2
THURSDAY: 12:00 PM to 6:00 PM
FRIDAY 8:00 AM - FRIDAY 12:00 PM

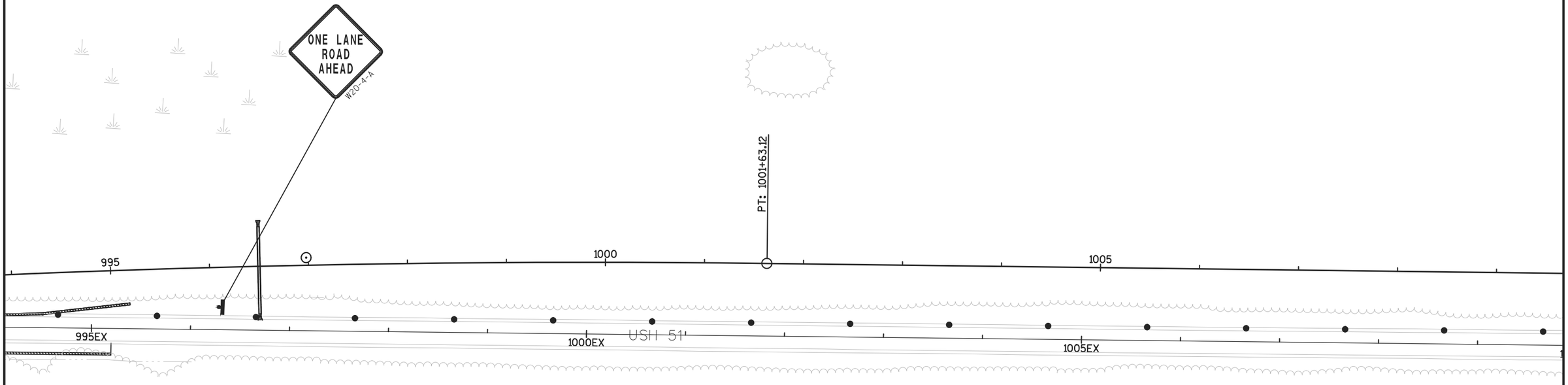
NB		SB	
RED	16	RED	16
GREEN	43	RED	43
YELLOW	5	RED	5
RED	16	RED	16
RED	25	GREEN	25
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #3
6:00 PM - 8:00 AM

NB		SB	
RED	16	RED	16
GREEN	20	RED	20
YELLOW	5	RED	5
RED	16	RED	16
RED	20	GREEN	20
RED	5	YELLOW	5

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 3	SHEET 145	E

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 3	SHEET 146	E

2

N

PT: 1099+61.94

1100

1100EX

W05-52R
12"X36"

1105

1105EX

W05-52R
12"X36"

PC: 1108+70.63

1110

1110EX

PC: 1111+55.07

USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 3	SHEET 147	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S3.DWG
LAYOUT NAME - 026223-S3

PLOT DATE : 10/20/2015 10:15 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

TEMPORARY TRAFFIC SIGNAL /
ONE-LANE ONE-WAY TRAFFIC

N

BARRIER FROM STAGE 2 TO REMAIN

NO PASSING ZONE
W14-3
48"X36"

PT: 1116+00.32

W3-3
36"X36"

STA 1123+36
BEGIN 8:1 FLARE

STA 1121+74
END 8:1 FLARE

PT: 1124+15.75

PC: 1126+86.23

1115

1120

1125

1115EX

1120EX

1125EX

16'

STA 1122+44
STOP LINE

STOP HERE ON RED
R10-6
24"X36"

STA 1123+71
END 8:1 FLARE

W1-4R
30"X30"

ONE LANE ROAD AHEAD
W20-4-A

W05-52R
12"X36"

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 3	SHEET 148	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S3.DWG
LAYOUT NAME - 026224-S3

PLOT DATE : 10/20/2015 10:16 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

TEMPORARY TRAFFIC SIGNALS /
ONE-LANE ONE-WAY TRAFFIC

W1-6
48"X24"

TYPE III BARRICADE

W5-52R
12"X36"

STOP
HERE ON
RED

R10-6
24"X36"

W3-3
36"X36"

PT: 1124+15.75

PC: 1126+86.23

PT: 1129+03.13

PT: 1+00.45

BP: 0+00.00

PC: 0+20.52

PC: 2+03.34

PT: 2+66.17

EP: 2+81.76

1125

1125EX

1130

1130EX

1135EX

USH 51

STA 1129+03

STA 1130+45
STOP LINE

S. BLUE LAKE RD

W1-4R
30"X30"

NO
PASSING
ZONE

W14-3
48"X36"

TEMPORARY TRAFFIC SIGNAL TIMING

TEMPORARY SIGNAL TIMING #1
MONDAY-WEDNESDAY: 8:00 AM - 6:00 PM
THURSDAY: 8:00 AM - 12:00 PM

NB		SB	
RED	24	RED	24
GREEN	32	RED	32
YELLOW	5	RED	5
RED	24	RED	24
RED	49	GREEN	49
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #2
THURSDAY: 12:00 PM to 6:00 PM
FRIDAY 8:00 AM - FRIDAY 12:00 PM

NB		SB	
RED	24	RED	24
GREEN	59	RED	59
YELLOW	5	RED	5
RED	24	RED	24
RED	33	GREEN	33
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #3
6:00 PM - 8:00 AM

NB		SB	
RED	24	RED	24
GREEN	26	RED	26
YELLOW	5	RED	5
RED	24	RED	24
RED	26	GREEN	26
RED	5	YELLOW	5

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 3	SHEET 149	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S3.DWG
LAYOUT NAME - 026225-S3

PLOT DATE : 10/20/2015 10:16 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

STOP
HERE ON
RED
R10-6
24"X36"

PC: 2+03.34

00
52

W3-3
36"X36"

ONE LANE
ROAD
AHEAD
W20-4-A

PT: 2+66.17
EP: 2+81.76

1135EX

USH 51

1140EX

1145EX

U.S.H. 51

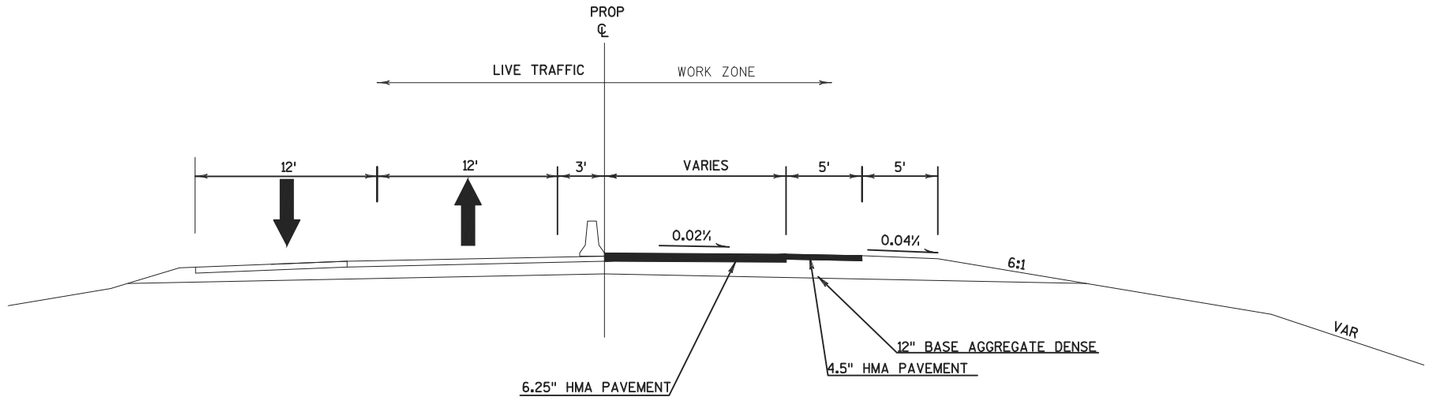
NO
PASSING
ZONE
W14-3
48"X36"

S. BLUE LAKE RD.

RUINS

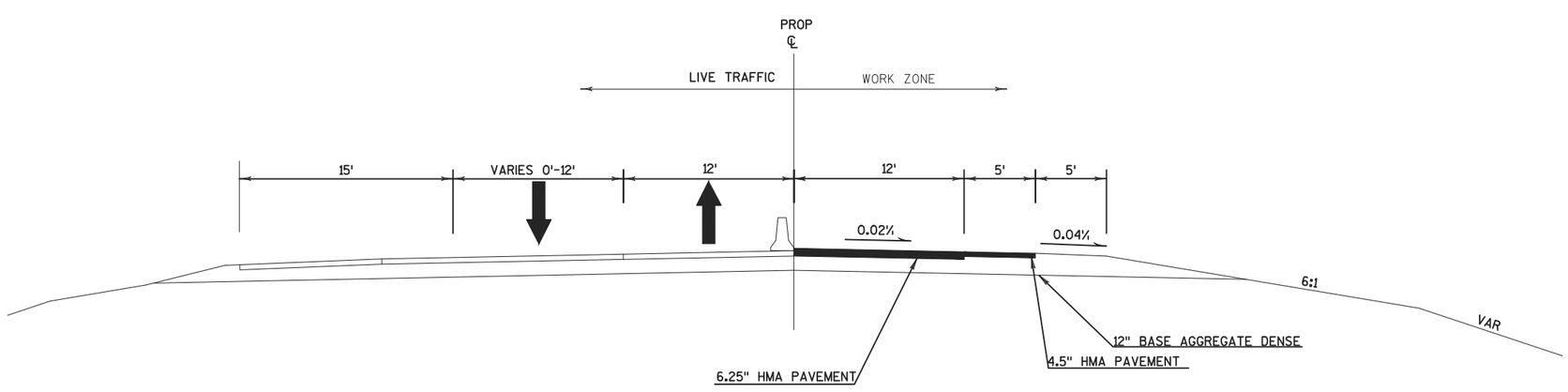
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 3	SHEET 150	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S3.DWG
LAYOUT NAME - 026225-S3 (2)
PLOT DATE : 10/20/2015 10:16 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:100 FT



CONSTRUCTION PHASE 2 - STAGE 4

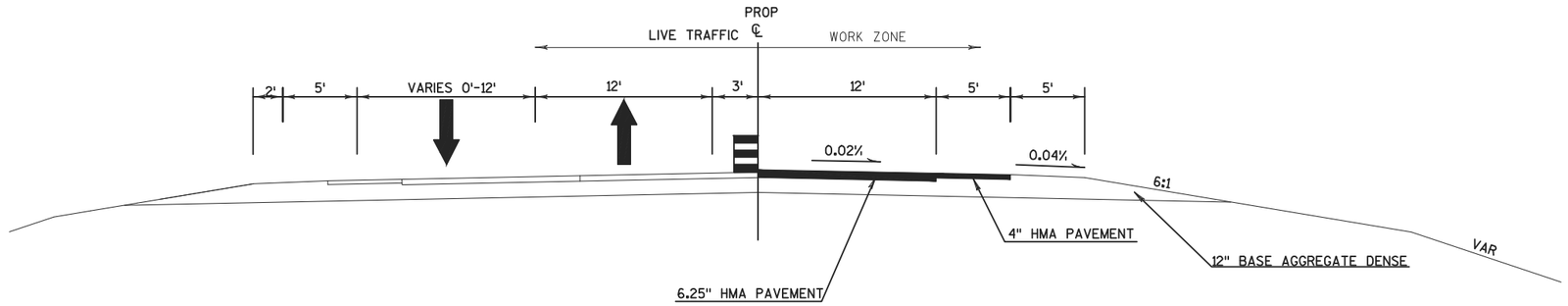
STA 983+25 - 985+00
STA 1124+20 - 1129+03.13



CONSTRUCTION PHASE 2 STAGE 4

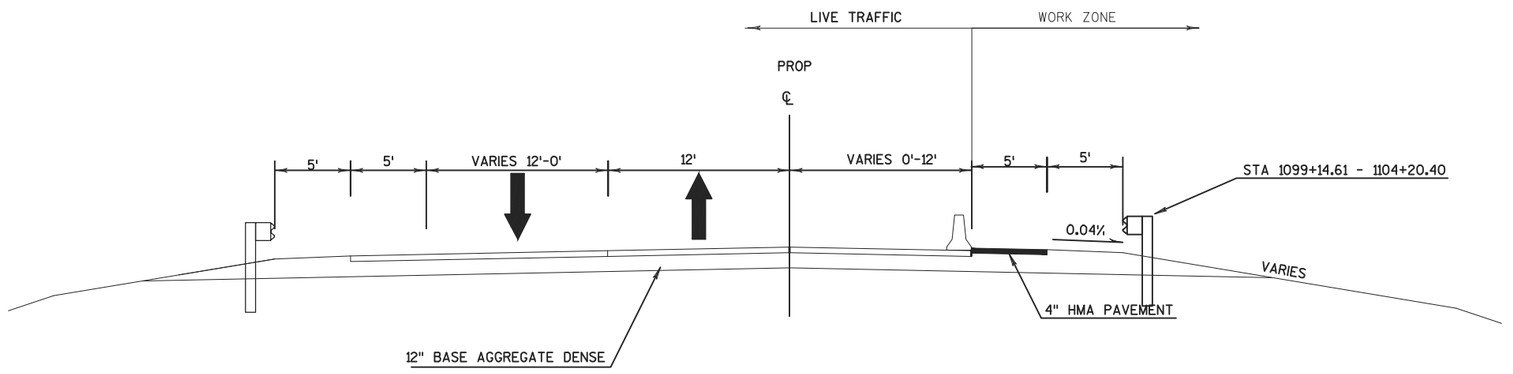
STA 985+00 - 989+76

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 151	E



CONSTRUCTION PHASE 2 STAGE 4

STA 989+76 - 1092+00
STA 1112+75 - 1124+20

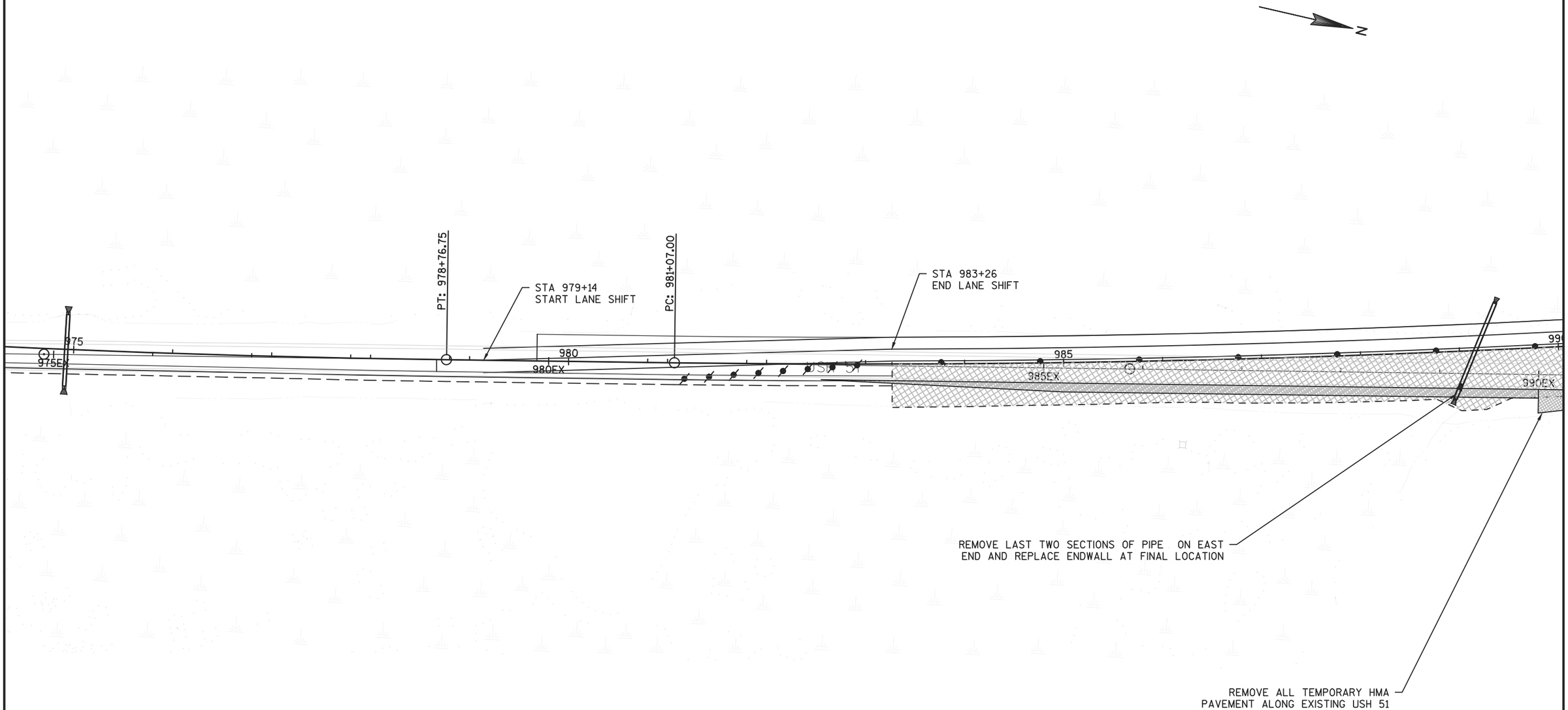


CONSTRUCTION PHASE 2 STAGE 4

STA 1092+00 - 1112+75

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 152	E

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 153	E

2

2

N

PT: 990+26.37

PC: 992+32.82

PT: 1001+63.12

990

995

1000

990EX

995EX

1000EX

USH 51

OBLITERATE OLD ROAD

REMOVE ALL TEMPORARY HMA
PAVEMENT ALONG EXISTING USH 51

REMOVE TEMPORARY CULVERT

INSTALL REMAINING CULVERT SECTIONS AND ENDWALL

OBLITERATE OLD ROAD

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 154	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S4.DWG
LAYOUT NAME - 026227-S4

PLOT DATE : 10/20/2015 10:17 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

PC: 1010+20.59

PC: 1012+82.02

1005

1005EX

1010

1010EX

1015

1015EX

W05-52R
12"X36"

STA 1018+75

OBLITERATE OLD ROAD

REMOVE ALL TEMPORARY HMA
PAVEMENT ALONG EXISTING USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 155	E

2

2

N

PT: 1021+94.29

PT: 1022+75.45

1020

1025

1030

USH 51

1020EX

1025EX

1030EX

REMOVE ALL TEMPORARY HMA PAVEMENT ALONG EXISTING USH 51

REMOVE TEMPORARY CULVERT

OBLITERATE OLD ROAD

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 156	E

2

2

N

PC: 1044+87.20

PC: 1046+30.61

1035

1040

1045

1035EX

1040EX

1045EX

OBLITERATE OLD ROAD

REMOVE ALL TEMPORARY HMA
PAVEMENT ALONG EXISTING USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 157	E

2

2

N

PT: 1052+31.76

PT: 1051+62.04

1050

1055

1060

USH 51

1050EX

1055EX

1060EX

USH 51

OBLITERATE OLD ROAD

WARBONNET LN

REMOVE TEMPORARY CULVERT

OBLITERATE OLD ROAD

REMOVE ALL TEMPORARY HMA
PAVEMENT ALONG EXISTING USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 158	E

2

N

W05-52R
12"X36"

STA 1065+00
END 8:1 BARRIER FLARE

STA 1072+12
START 8:1 BARRIER FLARE

1065

1070

1075

1065EX

1070EX

1075EX

INSTALL REMAINING CULVERT SECTIONS AND ENDWALL

REMOVE ALL TEMPORARY HMA
PAVEMENT ALONG EXISTING USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 159	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S4.DWG
LAYOUT NAME - 026232-S4

PLOT DATE : 10/20/2015 10:17 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

CLEARVIEW CT.

PC: 1089+18.73

START LANE SHIFT

1080

1085

1090

USH 51

USH 51

1080EX

1085EX

1090EX

OBLITERATE OLD ROAD

OBLITERATE OLD ROAD

REMOVE ALL TEMPORARY HMA
PAVEMENT ALONG EXISTING USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 160	E

2

N

PT: 1094+71.13

PC: 1097+13.32

PT: 1099+61.94

STA 1101+00
END LANE SHIFT

STA 1104+00
START LANE SHIFT

1095

1100

1105

1095EX

1100EX

1105EX

USH 51

OBLITERATE OLD ROAD

REMOVE ALL TEMPORARY HMA
PAVEMENT ALONG EXISTING USH 51

REMOVE TEMPORARY CULVERT

OBLITERATE OLD ROAD

OBLITERATE OLD ROAD

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 161	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S4.DWG
LAYOUT NAME - 026234-S4

PLOT DATE : 10/20/2015 10:18 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

PC: 1108+70.63

PC: 1111+55.07

STA 1114+00
END LANE SHIFT

PT: 1116+00.32

1110

1115

1120

1110EX

1115EX

1120EX

USH 51

OBLITERATE OLD ROAD

OBLITERATE OLD ROAD

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 162	E

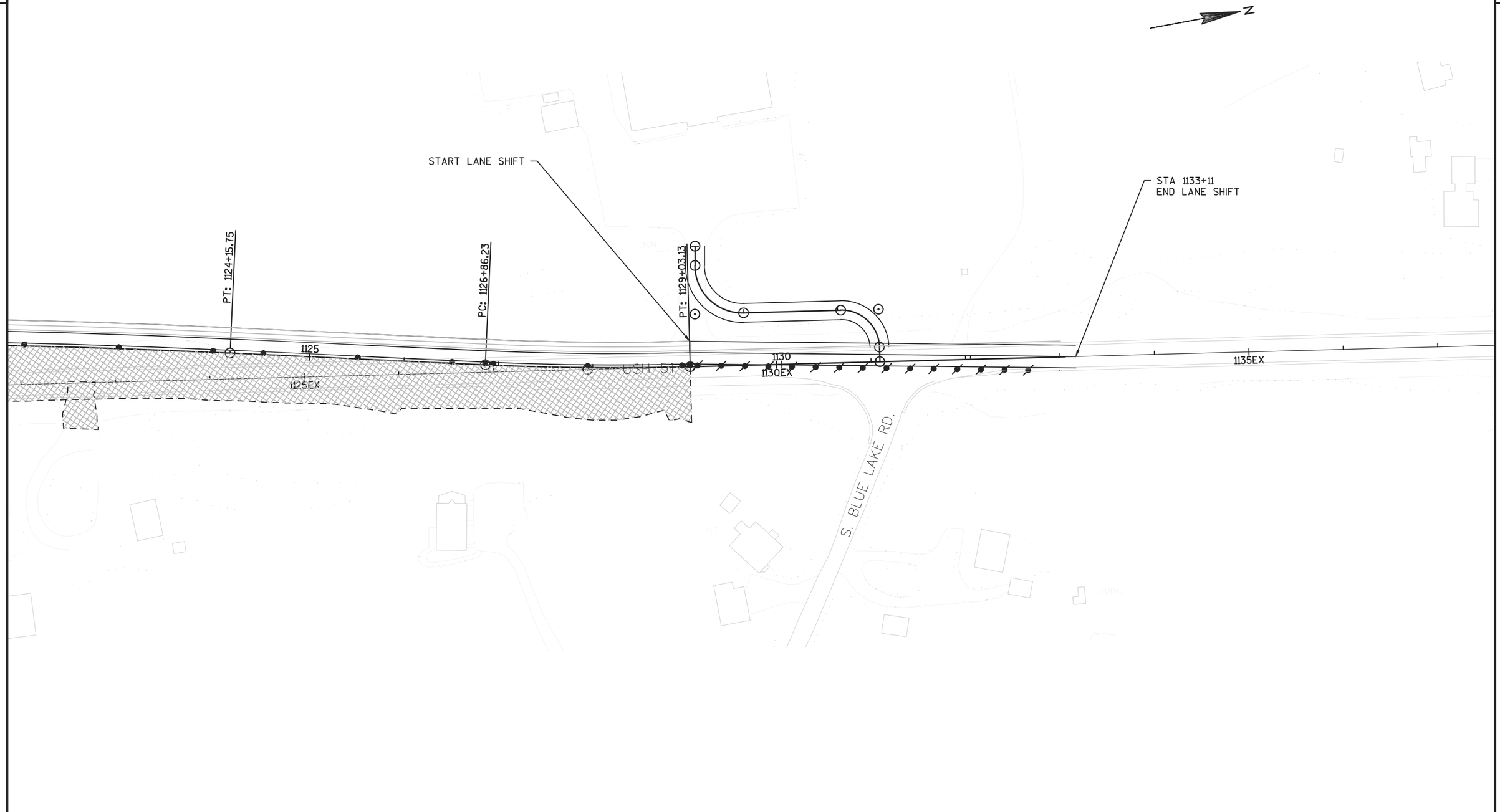
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S4.DWG
LAYOUT NAME - 026235-S4

PLOT DATE : 10/20/2015 10:18 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 163	E

2

N

1135EX

USH 51

1140EX

1145EX

U.S.H. 51

S. BLUE LAKE RD.

RUINS

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 4	SHEET 164	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S4.DWG
LAYOUT NAME - 026237-S4

PLOT DATE : 10/20/2015 10:18 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

PC: 1108+70.63

PC: 1111+55.07

PT: 1116+00.32

1110

1115

1120

1110EX

1115EX

1120EX

USH 51

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 5	SHEET 165	E

2

N

CONSTRUCT EARTHWORK AND
REPLACE PAVEMENT ON USH 51
UNDER FLAGGING OPERATIONS

PT: 1124+15.75

PC: 1126+86.23

PT: 1129+03.13

1125

1125EX

USH 51

1130

1130EX

BP: 10+00.00

1135EX

PC: 10+85.50

S. BLUE LAKE RD

PT: 11+68.12

RECONSTRUCT
S. BLUE LAKE ROAD

PC: 13+19.31

STA

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 5	SHEET 166	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S5.DWG
LAYOUT NAME - 026239-S5

PLOT DATE : 10/20/2015 10:19 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

BP: 10+00.00

1135EX

USH 51

1140EX

1145EX

U.S.H. 51

PC: 10+85.50

BLUE LAKE RD.

PT: 11+68.12

RUINS

PC: 13+19.31

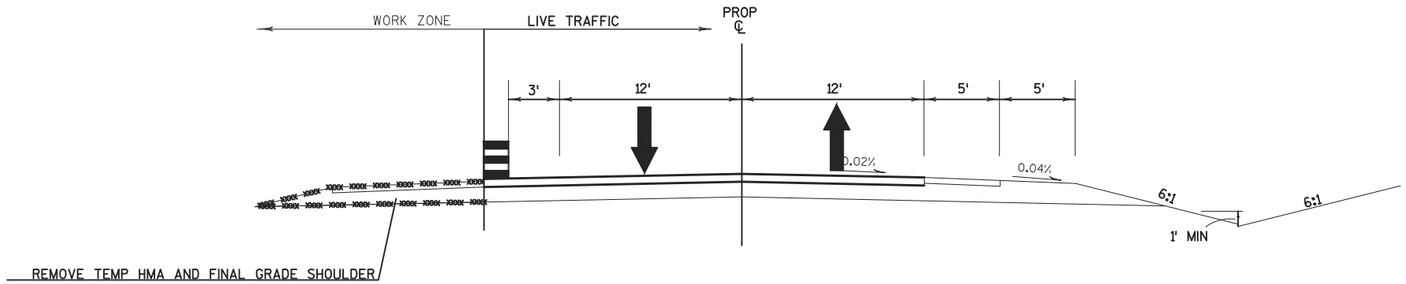
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 5	SHEET 167	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S5.DWG
LAYOUT NAME - 026240-S5

PLOT DATE : 10/20/2015 10:19 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

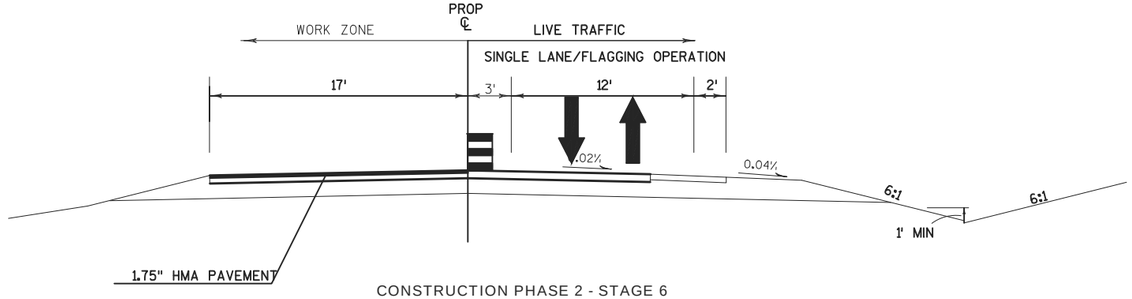
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42



CONSTRUCTION PHASE 2 - STAGE 6

STA 982+50 - 985+00



CONSTRUCTION PHASE 2 - STAGE 6

STA 985+00 - 1129+00

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN: CONSTRUCTION STAGING: PHASE 2 / STAGE 6	SHEET 168	E

2

2

N

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

PT: 978+76.75

PC: 981+07.00

975

980

985

990

USH 51

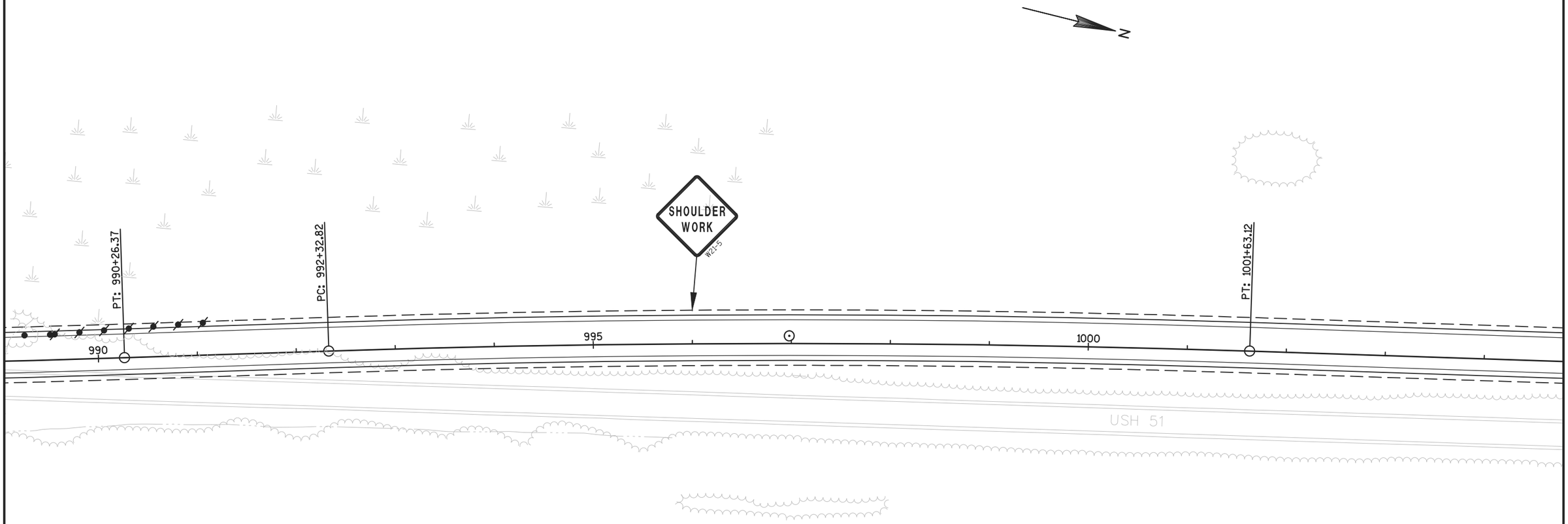
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 6	SHEET 169	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S6.DWG
LAYOUT NAME - 026241-S6

PLOT DATE : 10/20/2015 10:23 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 6	SHEET 170	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S6.DWG
LAYOUT NAME - 026242-S6
PLOT DATE : 10/20/2015 10:24 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

PT: 1094+71.13

PC: 1097+13.32

PT: 1099+61.94

1095

1100

1105

USH 51

SIGN

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 6	SHEET 171	E

2

2

N

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

PC: 1108+70.63

1110

1115

1120

USH 51

W

W

W

W

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 6	SHEET 172	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S6.DWG
LAYOUT NAME - 026244-S6

PLOT DATE : 10/20/2015 10:24 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

REMOVE EXCESS SHOULDER PAVEMENT
& RE-GRADE SHOULDER

REMOVE TEMPORARY C.E.

PT: 1124+15.75

PC: 1126+86.23

PT: 1129+03.13

500'

SHOULDER WORK

W21-5

1125

1130

SIGN

USH 51

S. BLUE LAKE RD.

RUINS

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 6	SHEET 173	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S6.DWG
LAYOUT NAME - 026245-S6

PLOT DATE : 10/20/2015 10:24 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

USH 51

U.S.H. 51

SIGN

SIGN

SIGN

BLUE LAKE RD.

RUINS

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CONSTRUCTION STAGING: PHASE 2 / STAGE 6	SHEET 174	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\TMP_PLAN_VIEW_P2_S6.DWG
LAYOUT NAME - 026246-S6

PLOT DATE : 10/20/2015 10:24 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

2

2

PC: 880+45.23

PT: 884+56.88

SIGN

880

885

890

880

885

890

USH 51

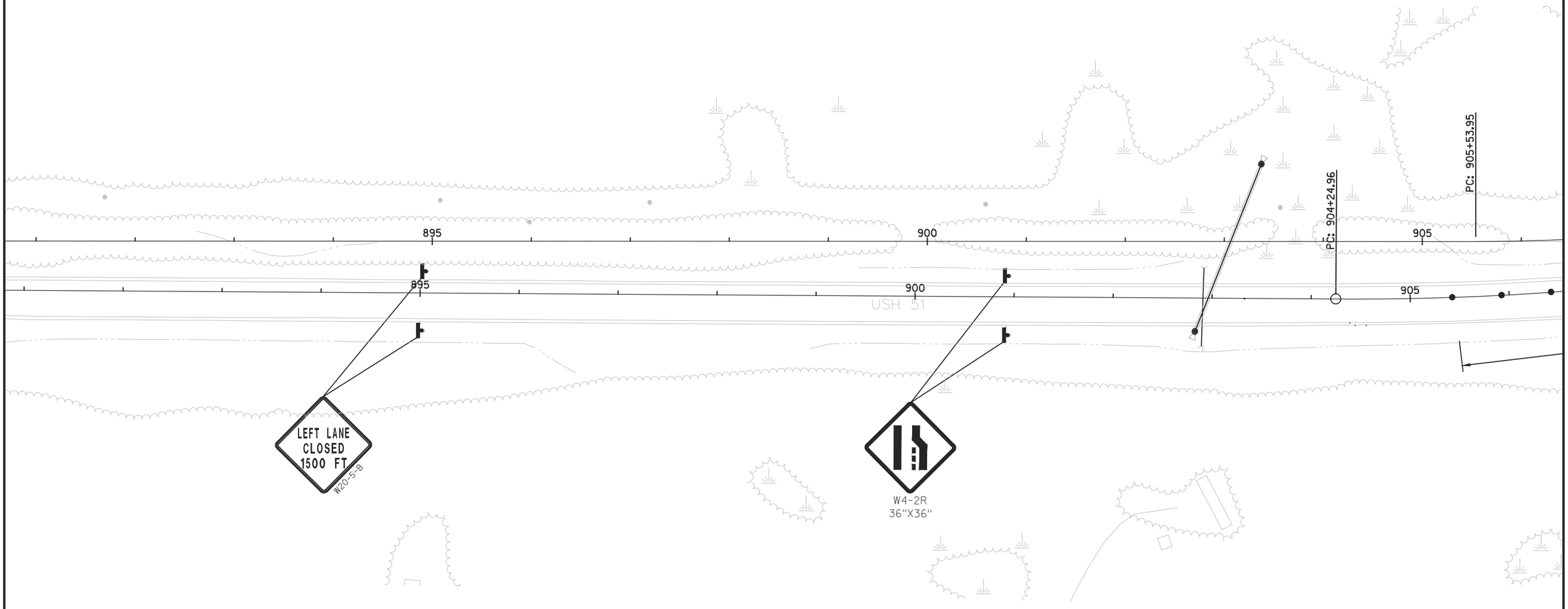
LEFT LANE
CLOSED
1/2 MILE

W20-5-G

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 925+25 CROSS DRAIN TRAFFIC STAGING - STAGE 1	SHEET 175	E

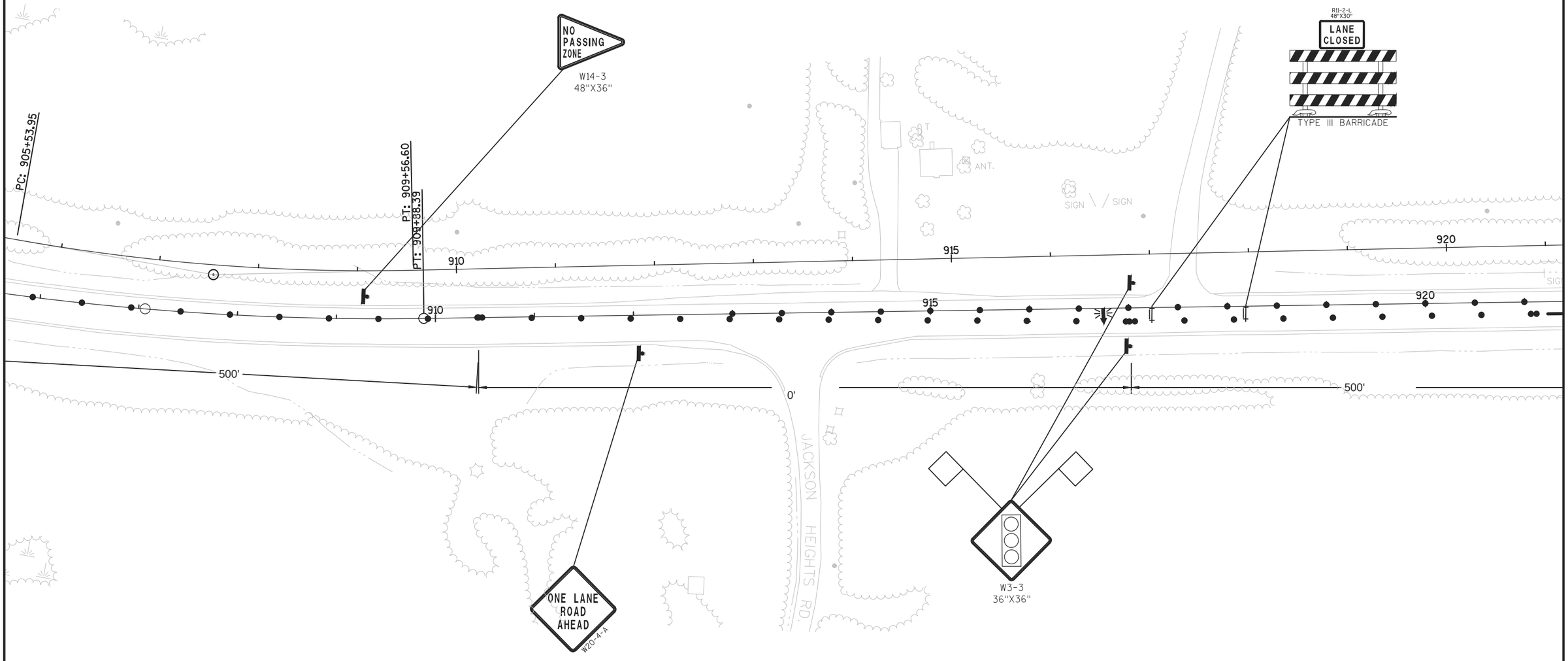
2

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 925+25 CROSS DRAIN TRAFFIC STAGING - STAGE 1	SHEET 176	E

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 925+25 CROSS DRAIN TRAFFIC STAGING - STAGE 1	SHEET 177	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\CULVERT_REPLACEMENTS_STAGE_1_EVENS.DWG
LAYOUT NAME - 025005-TC
PLOT DATE : 10/20/2015 10:25 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:100 FT

TEMPORARY TRAFFIC SIGNAL TIMING

TEMPORARY SIGNAL TIMING #1
MONDAY-WEDNESDAY: 8:00 AM - 6:00 PM
THURSDAY: 8:00 AM - 12:00 PM

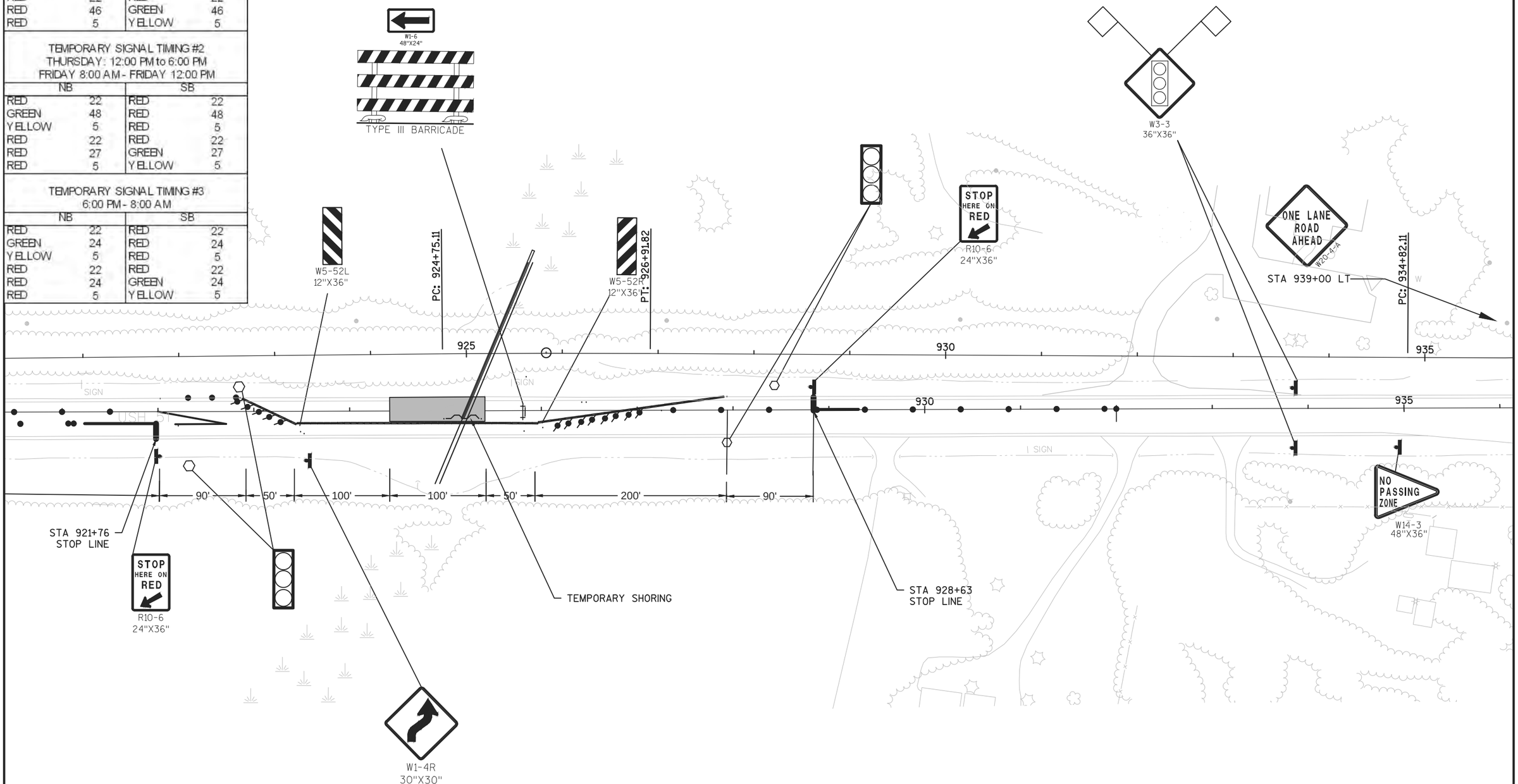
NB		SB	
RED	22	RED	22
GREEN	29	RED	29
YELLOW	5	RED	5
RED	22	RED	22
RED	46	GREEN	46
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #2
THURSDAY: 12:00 PM to 6:00 PM
FRIDAY 8:00 AM - FRIDAY 12:00 PM

NB		SB	
RED	22	RED	22
GREEN	48	RED	48
YELLOW	5	RED	5
RED	22	RED	22
RED	27	GREEN	27
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #3
6:00 PM - 8:00 AM

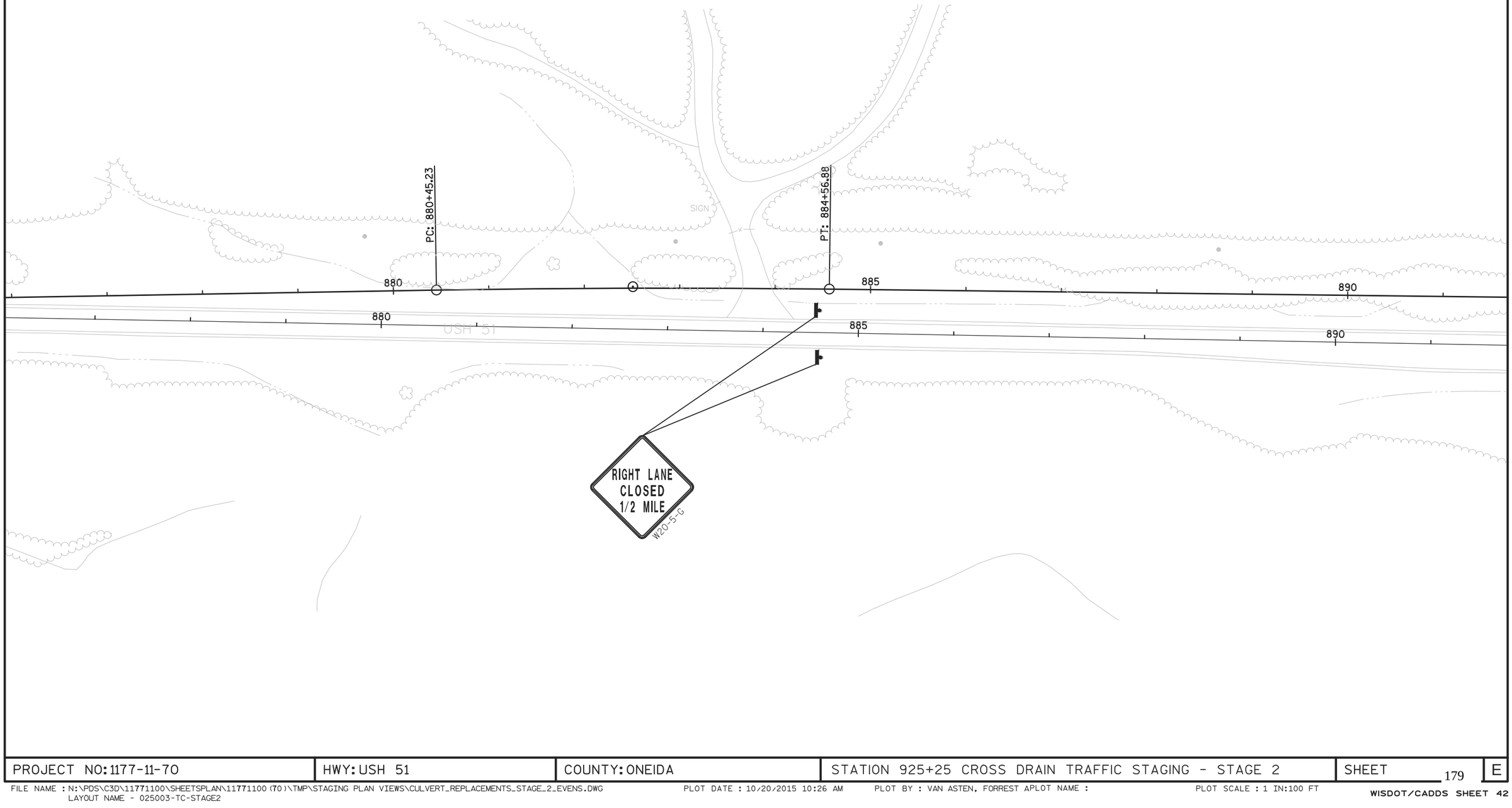
NB		SB	
RED	22	RED	22
GREEN	24	RED	24
YELLOW	5	RED	5
RED	22	RED	22
RED	24	GREEN	24
RED	5	YELLOW	5



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 925+25 CROSS DRAIN TRAFFIC STAGING - STAGE 1	SHEET 178	E

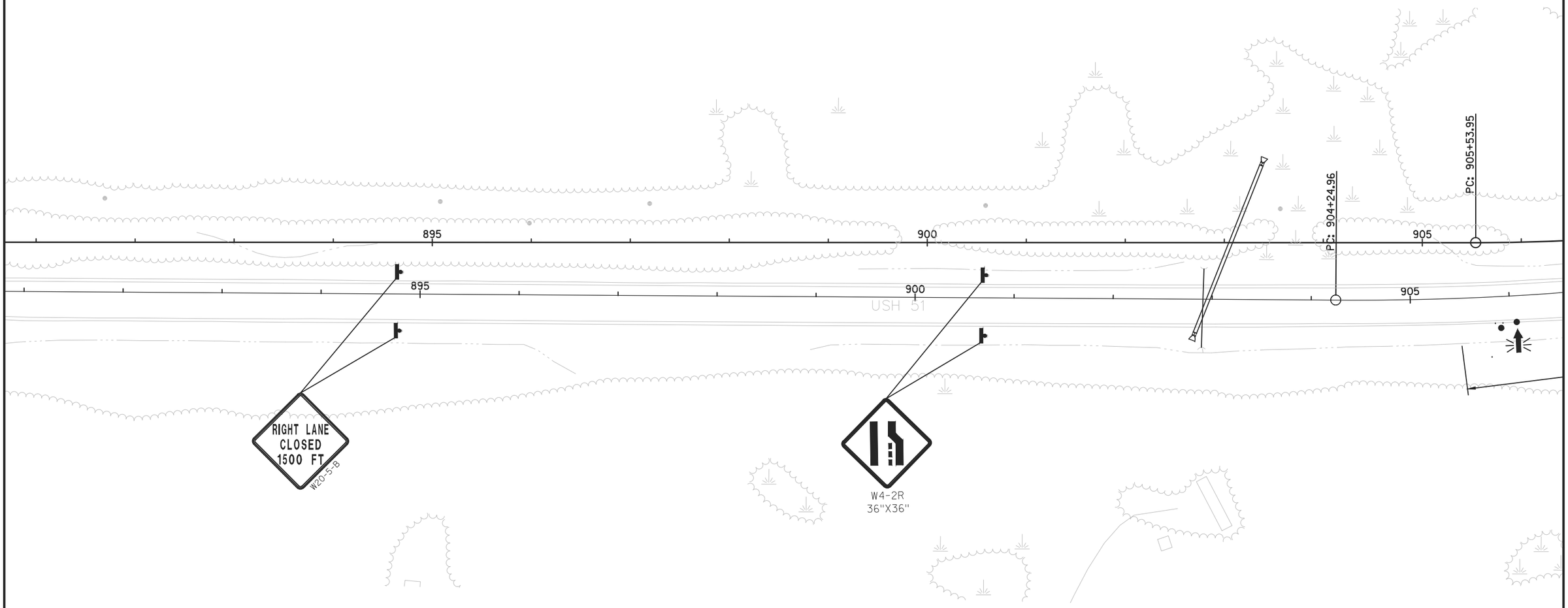
2

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 925+25 CROSS DRAIN TRAFFIC STAGING - STAGE 2	SHEET 179	E

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 925+25 CROSS DRAIN TRAFFIC STAGING - STAGE 2	SHEET 180	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\CULVERT_REPLACEMENTS_STAGE_2_EVENS.DWG
LAYOUT NAME - 025004-TC-STAGE2

PLOT DATE : 10/20/2015 10:26 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

NO PASSING ZONE
W14-3
48"X36"

PC: 905+53.95
PT: 909+56.60
PT: 909+88.39

910
915
920
STA921+
STOP L

910
915
920

500'
0'
500'

ANT.
SIGN
SIGN
SIG

JACKSON HEIGHTS RD

ONE LANE ROAD AHEAD
W20-4-A

W3-3
36"X36"

R11-2-L
48"X30"
LANE CLOSED

TYPE III BARRICADE

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 925+25 CROSS DRAIN TRAFFIC STAGING - STAGE 2	SHEET 181	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\CULVERT_REPLACEMENTS_STAGE_2_EVENS.DWG
LAYOUT NAME - 025005-TC-STAGE2
PLOT DATE : 10/20/2015 10:26 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

TEMPORARY TRAFFIC SIGNAL TIMING

TEMPORARY SIGNAL TIMING #1
MONDAY-WEDNESDAY: 8:00 AM - 6:00 PM
THURSDAY: 8:00 AM - 12:00 PM

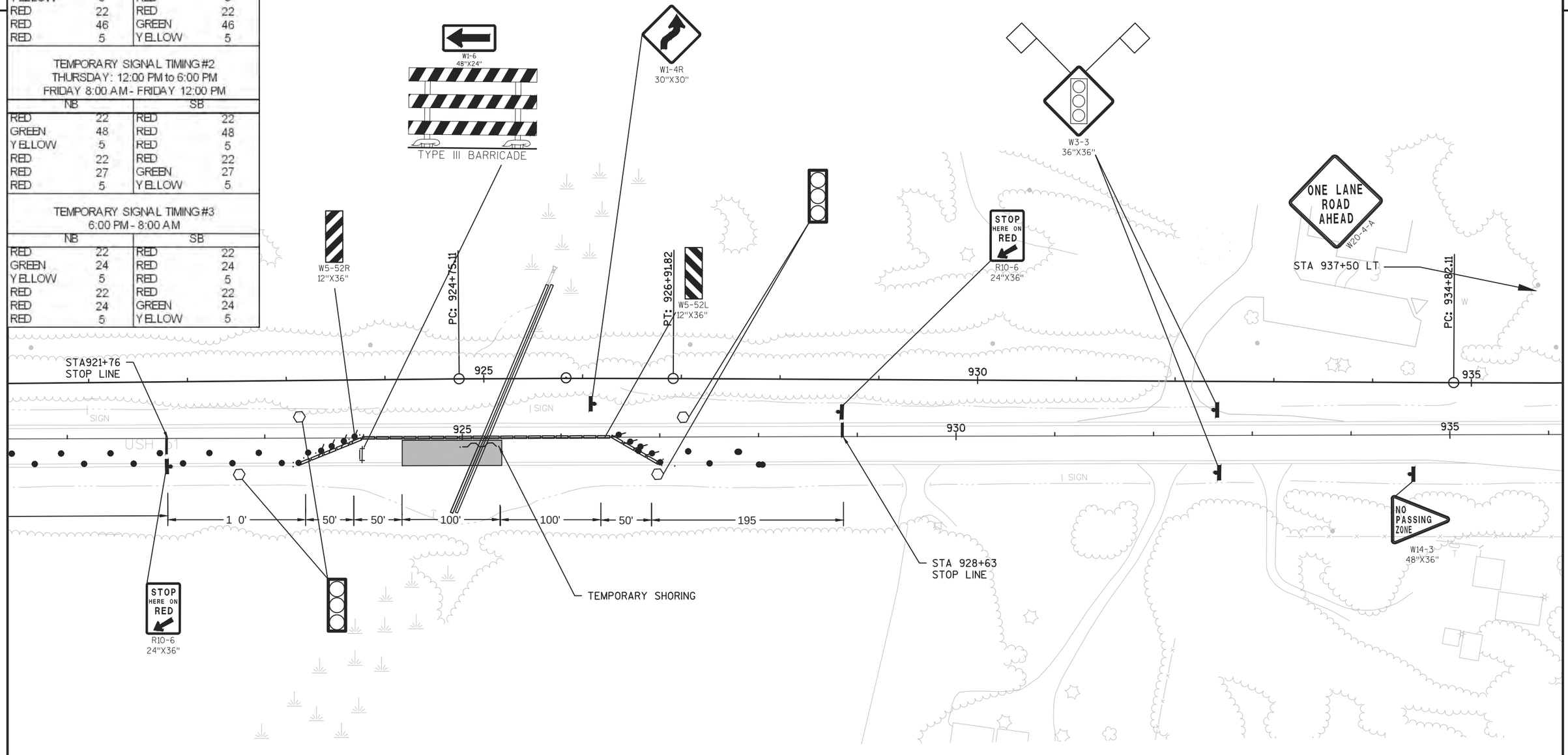
NB		SB	
RED	22	RED	22
GREEN	29	RED	29
YELLOW	5	RED	5
RED	22	RED	22
RED	46	GREEN	46
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #2
THURSDAY: 12:00 PM to 6:00 PM
FRIDAY 8:00 AM - FRIDAY 12:00 PM

NB		SB	
RED	22	RED	22
GREEN	48	RED	48
YELLOW	5	RED	5
RED	22	RED	22
RED	27	GREEN	27
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #3
6:00 PM - 8:00 AM

NB		SB	
RED	22	RED	22
GREEN	24	RED	24
YELLOW	5	RED	5
RED	22	RED	22
RED	24	GREEN	24
RED	5	YELLOW	5



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 925+25 CROSS DRAIN TRAFFIC STAGING - STAGE 2	SHEET 182	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\CULVERT_REPLACEMENTS_STAGE_2_EVENS.DWG
LAYOUT NAME - 025006-TC-STAGE2
PLOT DATE : 10/20/2015 10:26 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

2

STA 903+53
LT& RT

RIGHT LANE
CLOSED
1/2 MILE
W20-5-G

STA 913+78
LT& RT

RIGHT LANE
CLOSED
1500 FT
W20-5-B

PC: 924+75.11

PT: 926+91.82

NO
PASSING
ZONE
W14-3
48"X36"

PC: 934+82.11

925

930

935

SIGN

USH 51

925

930

935

SIGN

500'

0'

STA 920+41
LT& RT

W4-2R
36"X36"

ONE LANE
ROAD
AHEAD
W20-4-A

W3-3
36"X36"

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 942+90 CROSS DRAIN TRAFFIC STAGING - STAGE 1	SHEET 183	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\CULVERT_REPLACEMENTS_STAGE_1_ODDS.DWG
LAYOUT NAME - 025006-TC

PLOT DATE : 10/20/2015 1:20 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

TEMPORARY TRAFFIC SIGNAL TIMING

TEMPORARY SIGNAL TIMING #1
MONDAY-WEDNESDAY: 8:00 AM - 6:00 PM
THURSDAY: 8:00 AM - 12:00 PM

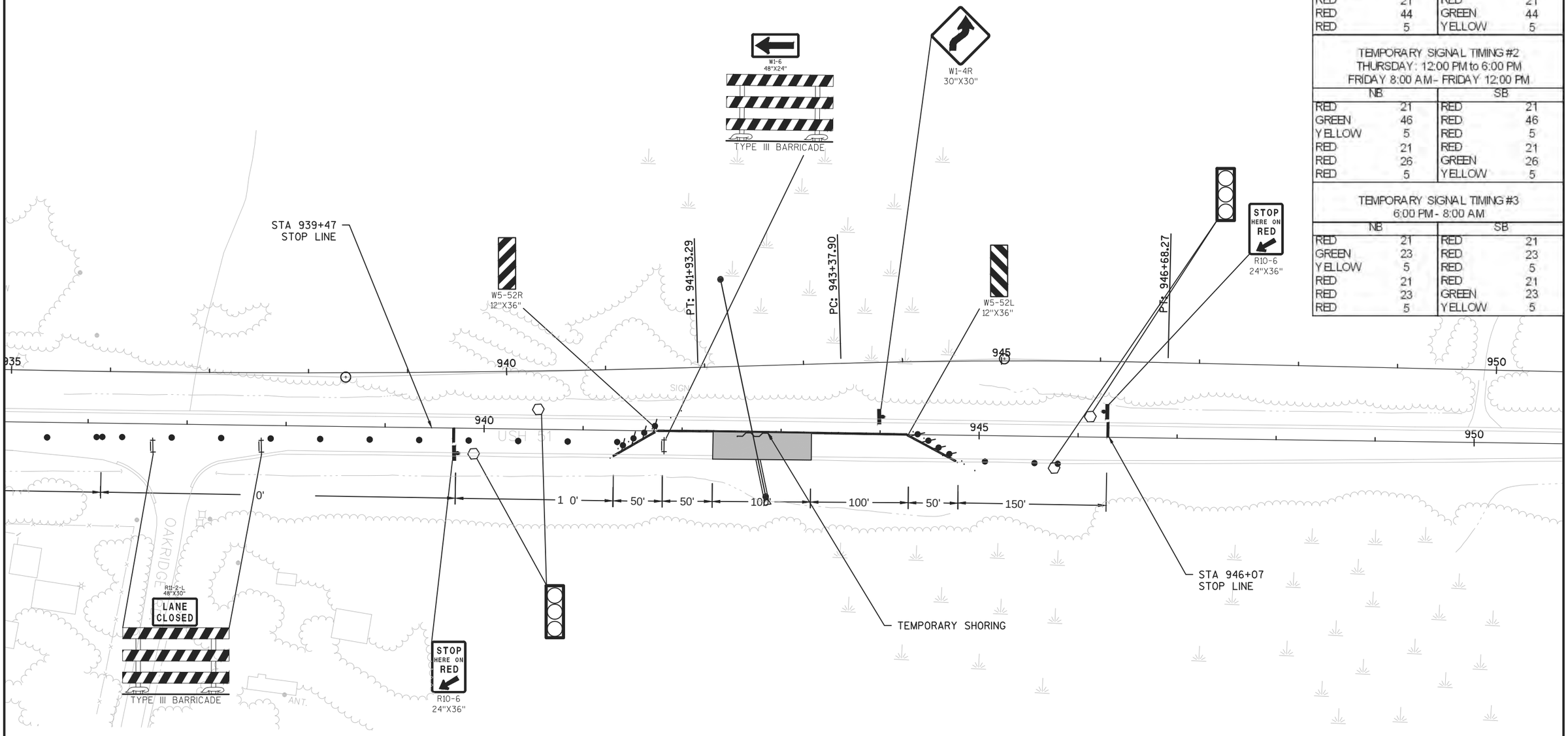
NB		SB	
RED	21	RED	21
GREEN	28	RED	28
YELLOW	5	RED	5
RED	21	RED	21
RED	44	GREEN	44
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #2
THURSDAY: 12:00 PM to 6:00 PM
FRIDAY 8:00 AM - FRIDAY 12:00 PM

NB		SB	
RED	21	RED	21
GREEN	46	RED	46
YELLOW	5	RED	5
RED	21	RED	21
RED	26	GREEN	26
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #3
6:00 PM - 8:00 AM

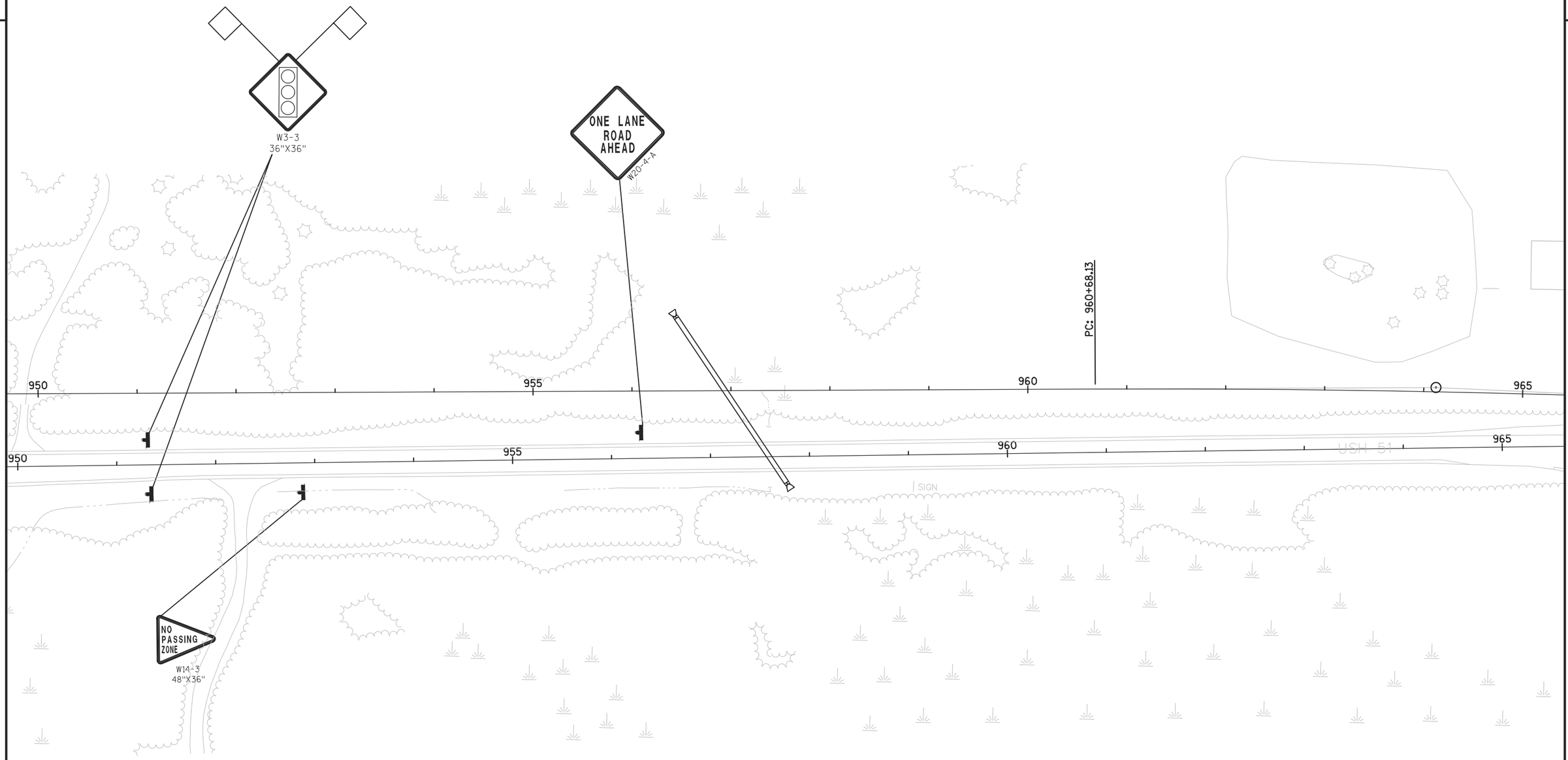
NB		SB	
RED	21	RED	21
GREEN	23	RED	23
YELLOW	5	RED	5
RED	21	RED	21
RED	23	GREEN	23
RED	5	YELLOW	5



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 942+90 CROSS DRAIN TRAFFIC STAGING - STAGE 1	SHEET 184	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\CULVERT_REPLACEMENTS_STAGE_1_ODDS.DWG
LAYOUT NAME - 025007-TC
PLOT DATE : 10/20/2015 1:20 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 942+90 CROSS DRAIN TRAFFIC STAGING - STAGE 1	SHEET 185	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\CULVERT_REPLACEMENTS_STAGE_1_ODDS.DWG
LAYOUT NAME - 025008-TC
PLOT DATE : 10/20/2015 1:20 PM
PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:100 FT

5

5

PC: 905+53.95

PT: 909+56.60

PT: 909+85.39

910

915

920

915

920

SIGN

SIGN

ANT.

T

JACKSON HEIGHTS RD.

LEFT LANE CLOSED 1/2 MILE

W20-5-G

STA 904+00 LT & RT

LEFT LANE CLOSED 1500 FT

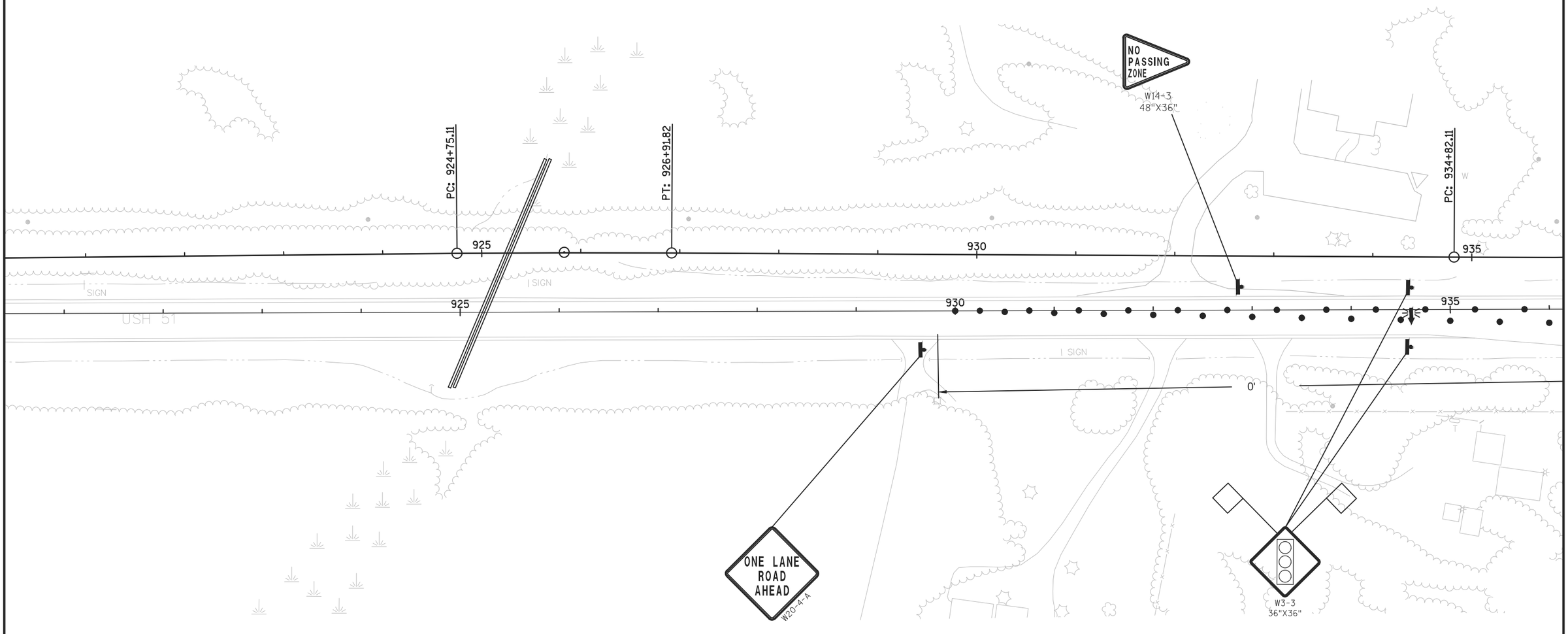
W20-3-B

W4-2R
36"X36"

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 942+90 CROSS DRAIN TRAFFIC STAGING - STAGE 2	SHEET 186	E

2

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 942+90 CROSS DRAIN TRAFFIC STAGING - STAGE 2	SHEET 187	E

2

TEMPORARY TRAFFIC SIGNAL TIMING

TEMPORARY SIGNAL TIMING #1
MONDAY-WEDNESDAY: 8:00 AM - 6:00 PM
THURSDAY: 8:00 AM - 12:00 PM

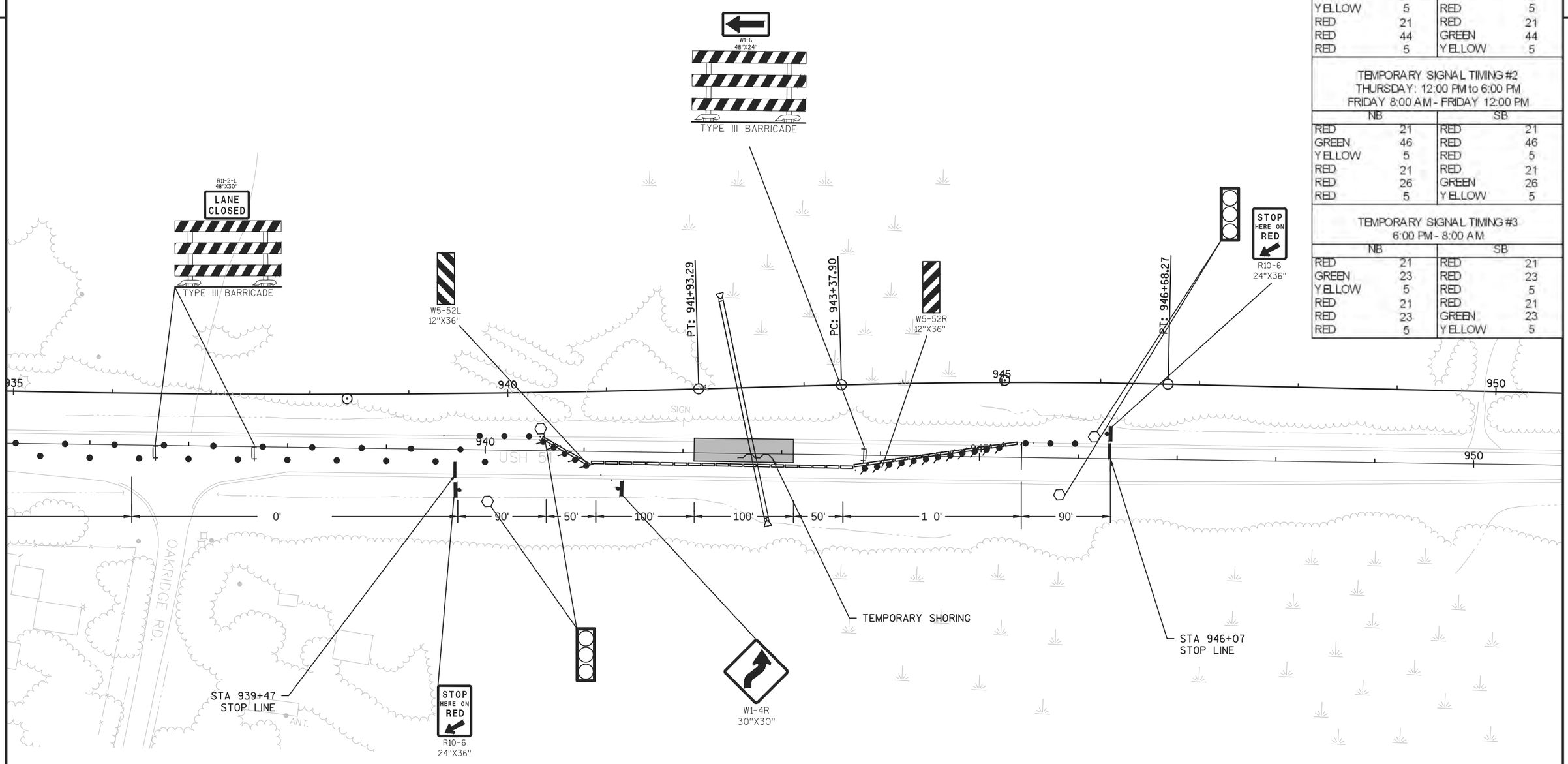
NB		SB	
RED	21	RED	21
GREEN	28	RED	28
YELLOW	5	RED	5
RED	21	RED	21
RED	44	GREEN	44
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #2
THURSDAY: 12:00 PM to 6:00 PM
FRIDAY 8:00 AM - FRIDAY 12:00 PM

NB		SB	
RED	21	RED	21
GREEN	46	RED	46
YELLOW	5	RED	5
RED	21	RED	21
RED	26	GREEN	26
RED	5	YELLOW	5

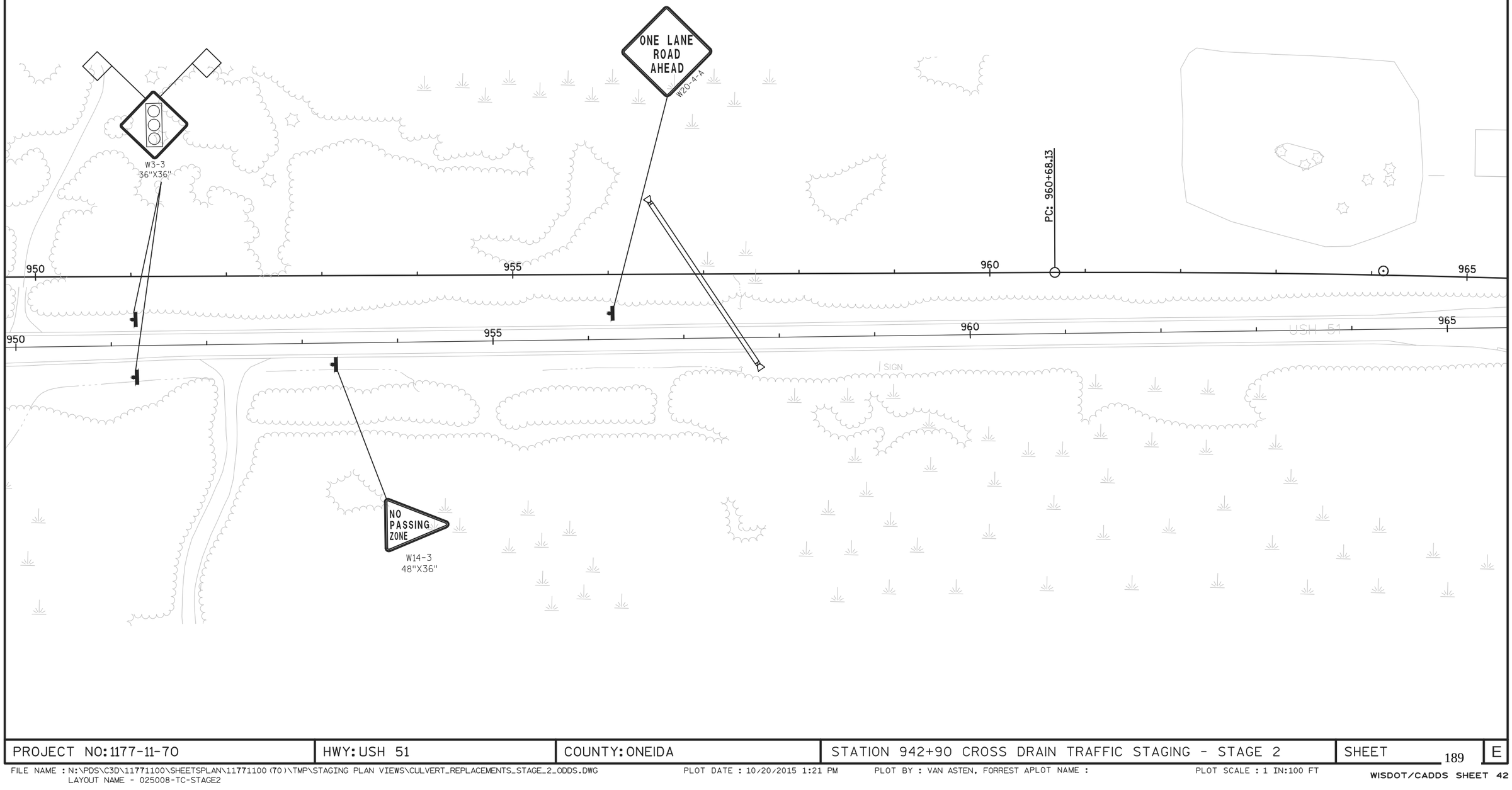
TEMPORARY SIGNAL TIMING #3
6:00 PM - 8:00 AM

NB		SB	
RED	21	RED	21
GREEN	23	RED	23
YELLOW	5	RED	5
RED	21	RED	21
RED	23	GREEN	23
RED	5	YELLOW	5



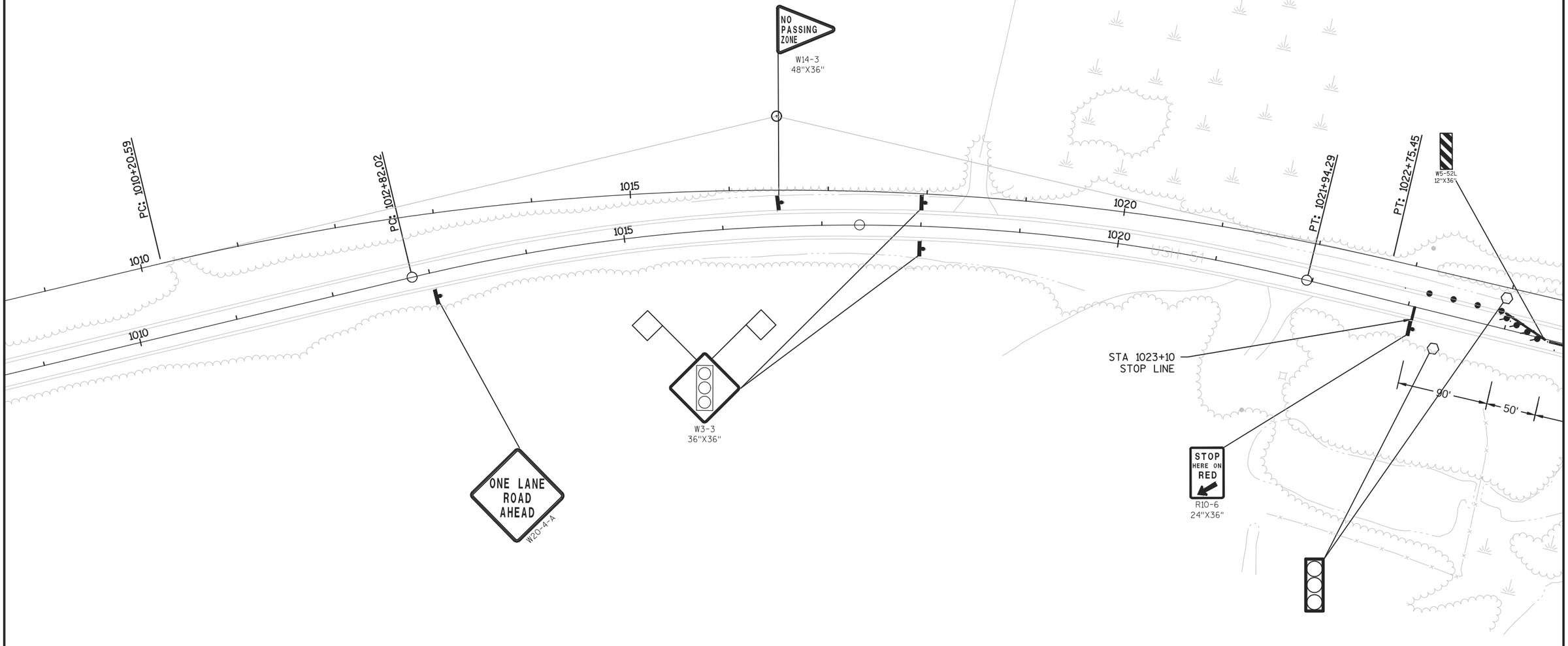
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 942+90 CROSS DRAIN TRAFFIC STAGING - STAGE 2	SHEET 188	E

2



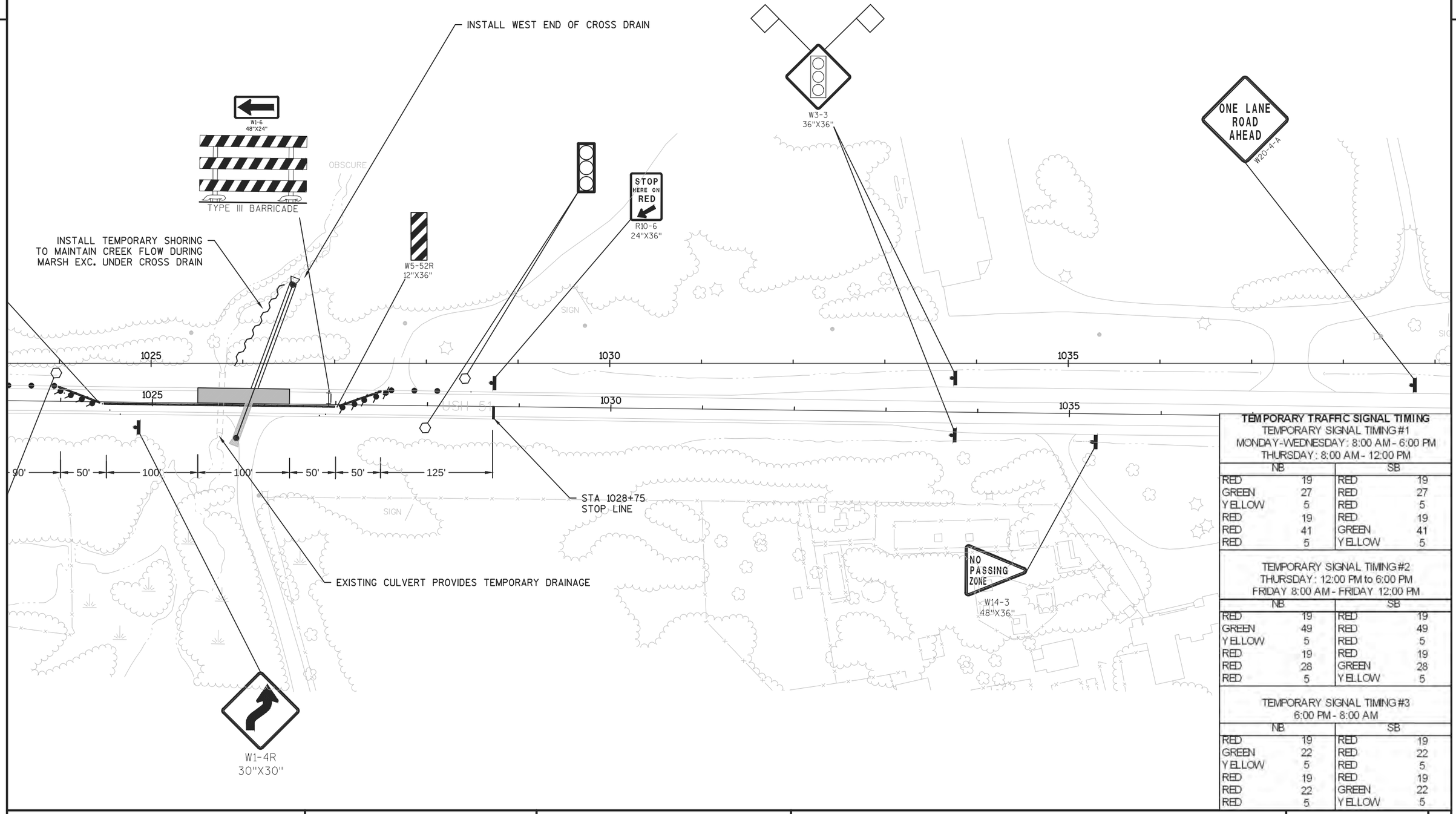
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 942+90 CROSS DRAIN TRAFFIC STAGING - STAGE 2	SHEET 189	E

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 1026+23 CROSS DRAIN TRAFFIC STAGING - STAGE 1	SHEET 190	E

2



TEMPORARY TRAFFIC SIGNAL TIMING

TEMPORARY SIGNAL TIMING #1
MONDAY-WEDNESDAY: 8:00 AM - 6:00 PM
THURSDAY: 8:00 AM - 12:00 PM

NB		SB	
RED	19	RED	19
GREEN	27	RED	27
YELLOW	5	RED	5
RED	19	RED	19
RED	41	GREEN	41
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #2
THURSDAY: 12:00 PM to 6:00 PM
FRIDAY 8:00 AM - FRIDAY 12:00 PM

NB		SB	
RED	19	RED	19
GREEN	49	RED	49
YELLOW	5	RED	5
RED	19	RED	19
RED	28	GREEN	28
RED	5	YELLOW	5

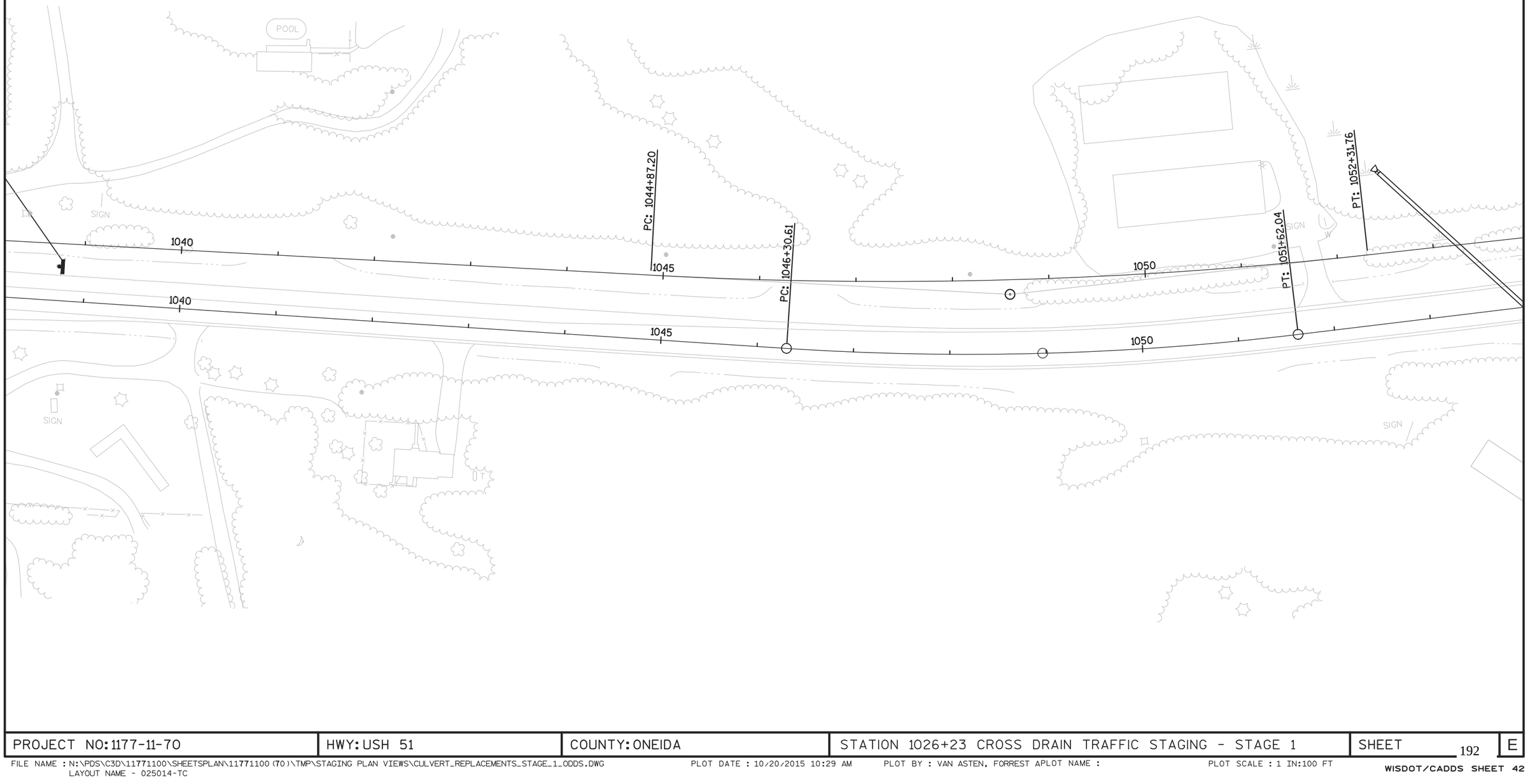
TEMPORARY SIGNAL TIMING #3
6:00 PM - 8:00 AM

NB		SB	
RED	19	RED	19
GREEN	22	RED	22
YELLOW	5	RED	5
RED	19	RED	19
RED	22	GREEN	22
RED	5	YELLOW	5

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 1026+23 CROSS DRAIN TRAFFIC STAGING - STAGE 1	SHEET 191	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\CULVERT_REPLACEMENTS_STAGE_1_ODDS.DWG
LAYOUT NAME - 025013-TC
PLOT DATE : 10/20/2015 10:29 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

2



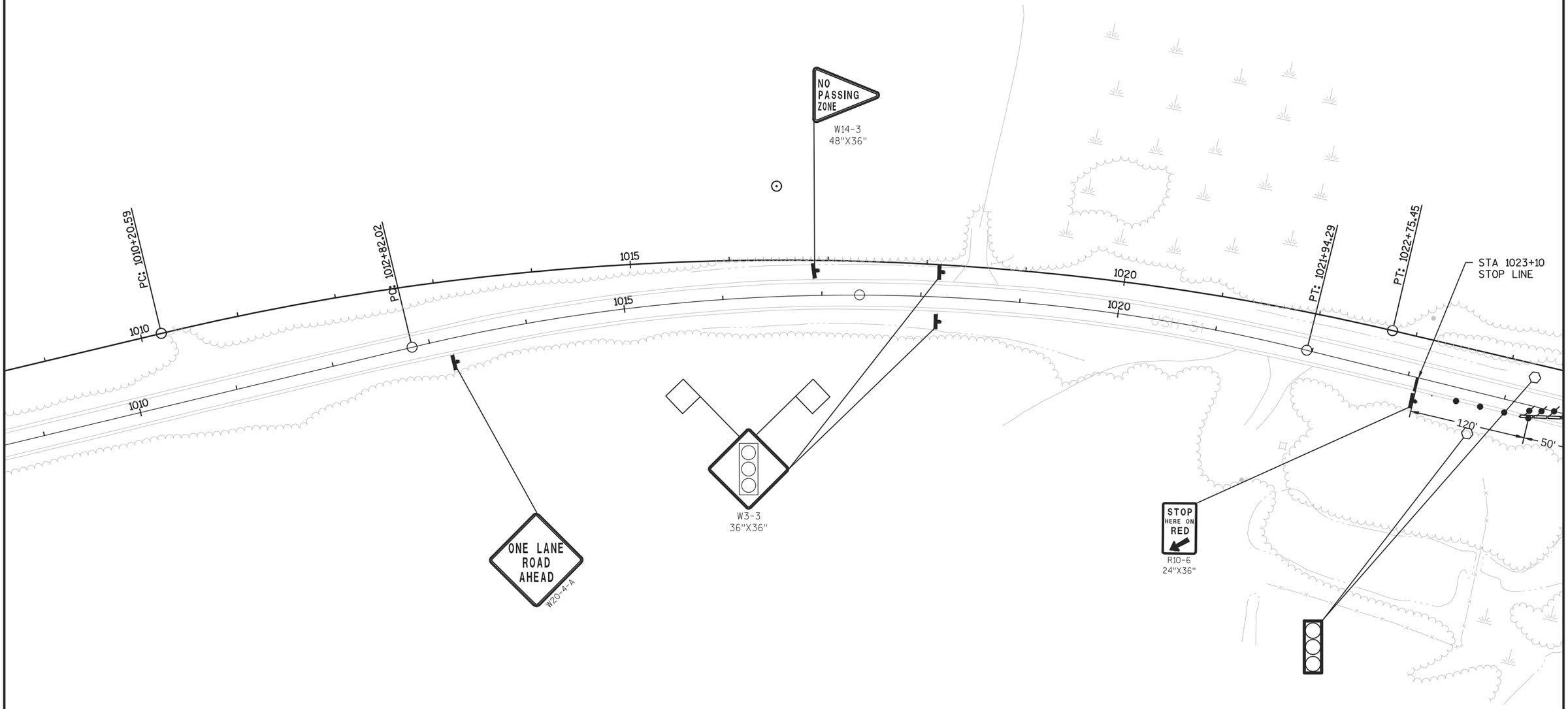
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 1026+23 CROSS DRAIN TRAFFIC STAGING - STAGE 1	SHEET 192	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100 (70)\TMP\STAGING PLAN VIEWS\CULVERT_REPLACEMENTS_STAGE_1_ODDS.DWG
LAYOUT NAME - 025014-TC

PLOT DATE : 10/20/2015 10:29 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:100 FT

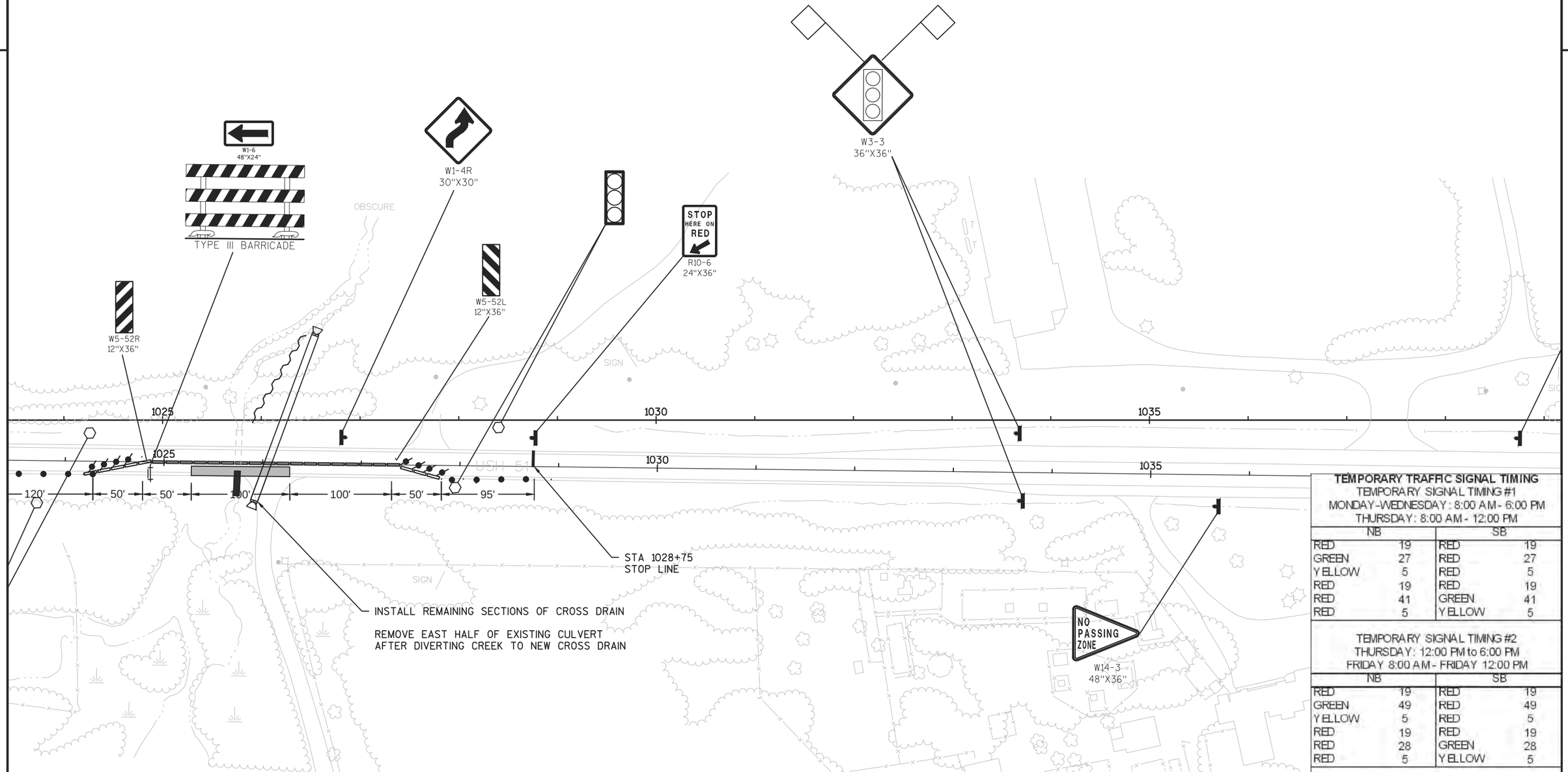
2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 1026+23 CROSS DRAIN TRAFFIC STAGING - STAGE 2	SHEET 193	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\CULVERT_REPLACEMENTS_STAGE_2_ODDS.DWG
LAYOUT NAME - 025012-TC-STAGE2
PLOT DATE : 10/20/2015 10:30 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



TEMPORARY TRAFFIC SIGNAL TIMING

TEMPORARY SIGNAL TIMING #1
MONDAY-WEDNESDAY: 8:00 AM - 6:00 PM
THURSDAY: 8:00 AM - 12:00 PM

NB		SB	
RED	19	RED	19
GREEN	27	RED	27
YELLOW	5	RED	5
RED	19	RED	19
RED	41	GREEN	41
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #2
THURSDAY: 12:00 PM to 6:00 PM
FRIDAY 8:00 AM - FRIDAY 12:00 PM

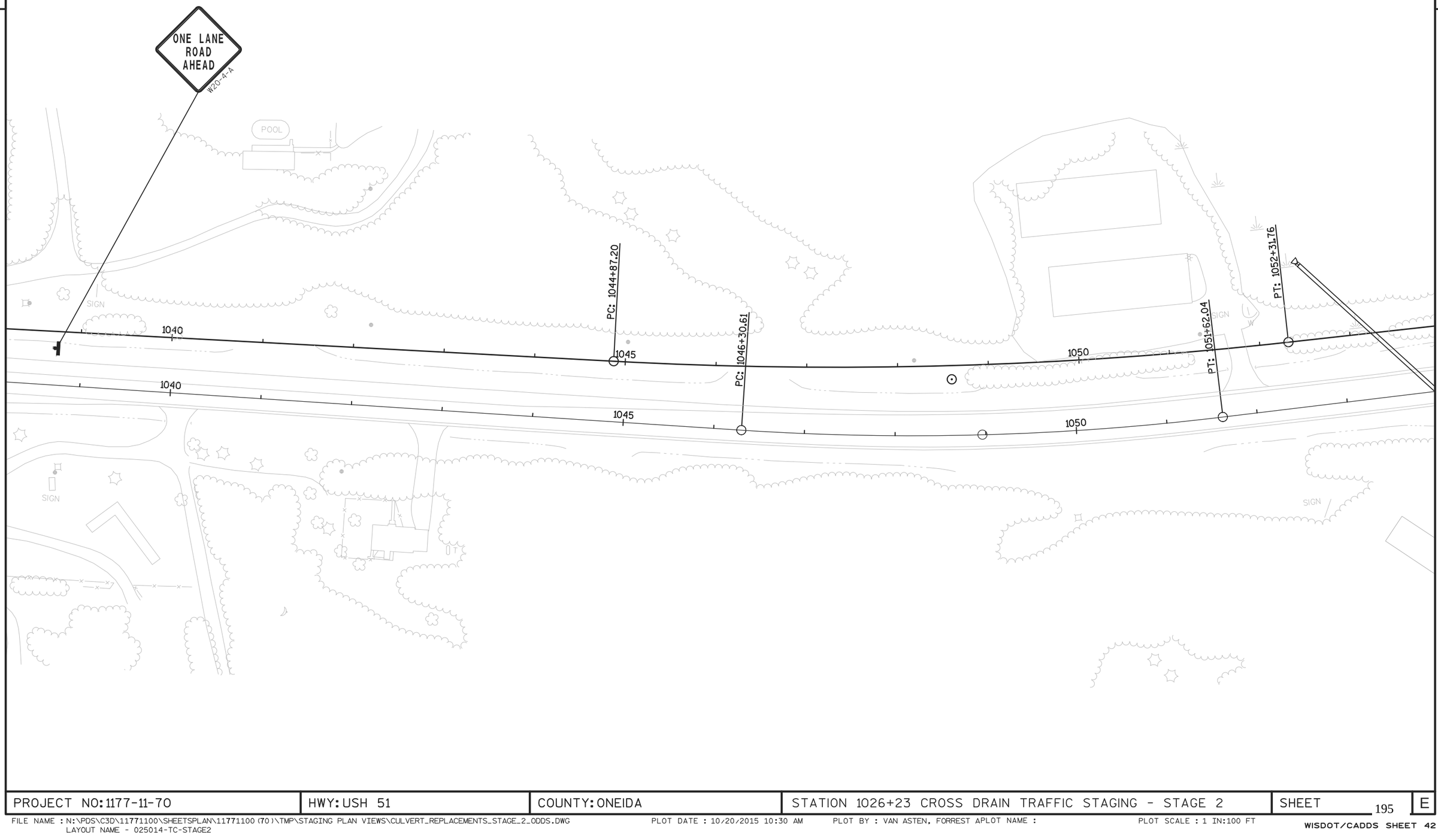
NB		SB	
RED	19	RED	19
GREEN	49	RED	49
YELLOW	5	RED	5
RED	19	RED	19
RED	28	GREEN	28
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #3
6:00 PM - 8:00 AM

NB		SB	
RED	19	RED	19
GREEN	22	RED	22
YELLOW	5	RED	5
RED	19	RED	19
RED	22	GREEN	22
RED	5	YELLOW	5

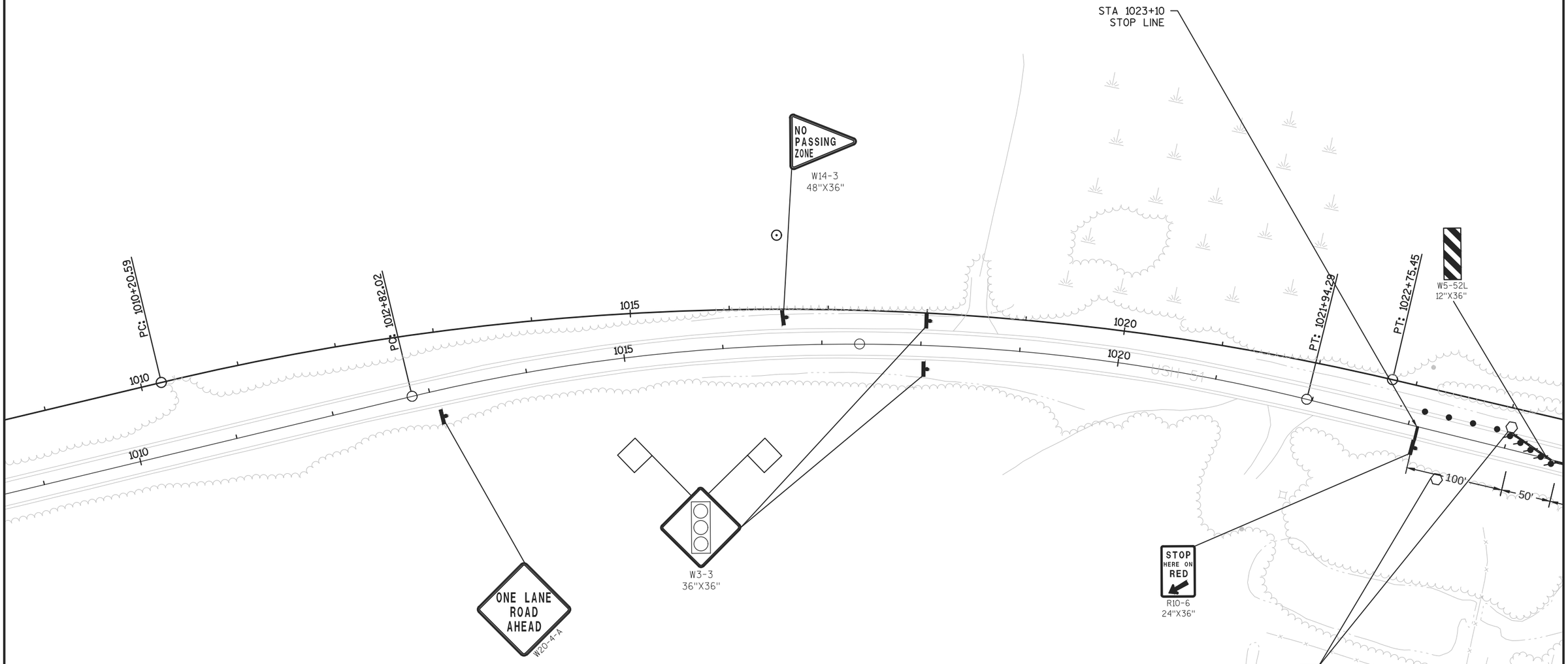
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 1026+23 CROSS DRAIN TRAFFIC STAGING - STAGE 2	SHEET 194	E

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 1026+23 CROSS DRAIN TRAFFIC STAGING - STAGE 2	SHEET 195	E

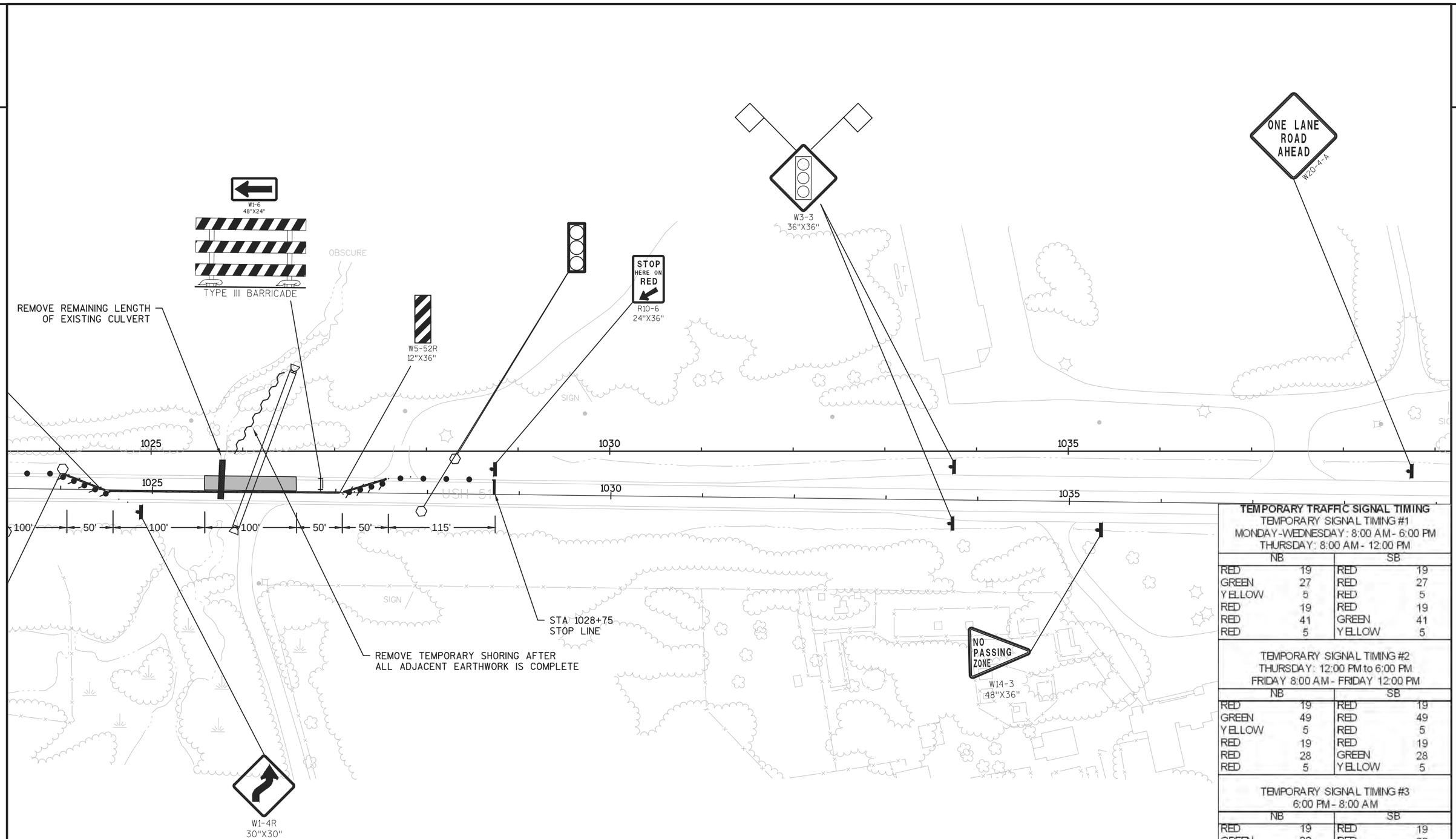
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 1026+23 CROSS DRAIN TRAFFIC STAGING - STAGE 3	SHEET 196	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\CULVERT_REPLACEMENTS_STAGE_3_MCCORMICK_CREEK.DWG
LAYOUT NAME - 025012-TC-STAGE3
PLOT DATE : 10/20/2015 10:30 AM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



TEMPORARY TRAFFIC SIGNAL TIMING

TEMPORARY SIGNAL TIMING #1
MONDAY-WEDNESDAY: 8:00 AM - 6:00 PM
THURSDAY: 8:00 AM - 12:00 PM

NB		SB	
RED	19	RED	19
GREEN	27	RED	27
YELLOW	5	RED	5
RED	19	RED	19
RED	41	GREEN	41
RED	5	YELLOW	5

TEMPORARY SIGNAL TIMING #2
THURSDAY: 12:00 PM to 6:00 PM
FRIDAY 8:00 AM - FRIDAY 12:00 PM

NB		SB	
RED	19	RED	19
GREEN	49	RED	49
YELLOW	5	RED	5
RED	19	RED	19
RED	28	GREEN	28
RED	5	YELLOW	5

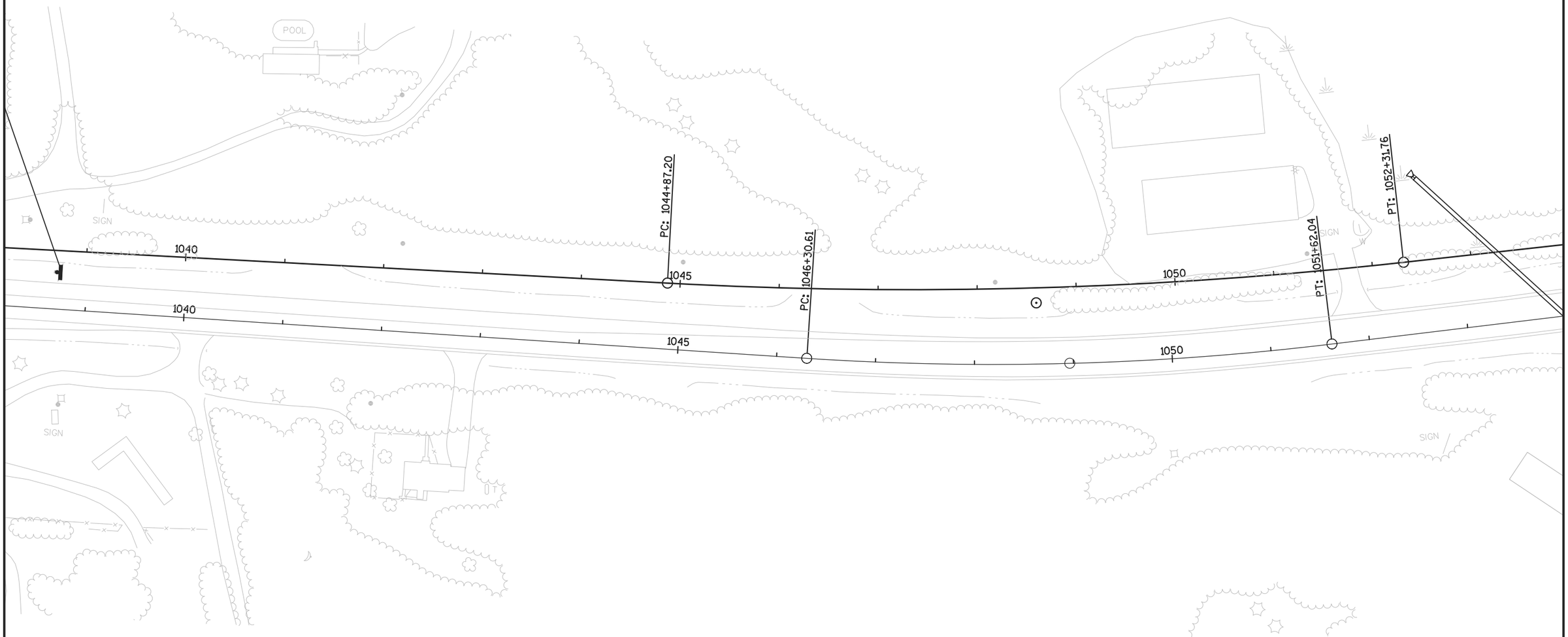
TEMPORARY SIGNAL TIMING #3
6:00 PM - 8:00 AM

NB		SB	
RED	19	RED	19
GREEN	22	RED	22
YELLOW	5	RED	5
RED	19	RED	19
RED	22	GREEN	22
RED	5	YELLOW	5

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 1026+23 CROSS DRAIN TRAFFIC STAGING - STAGE 3	SHEET 197	E

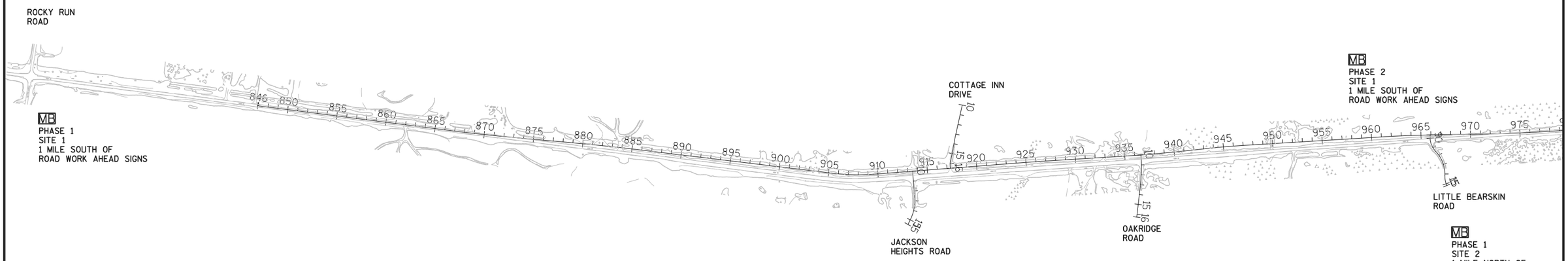
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\TMP\STAGING PLAN VIEWS\CULVERT_REPLACEMENTS_STAGE_3_MCCORMICK_CREEK.DWG
LAYOUT NAME - 025013-TC-STAGE3
PLOT DATE : 10/20/2015 10:30 AM
PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:100 FT

2



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	STATION 1026+23 CROSS DRAIN TRAFFIC STAGING - STAGE 3	SHEET 198	E

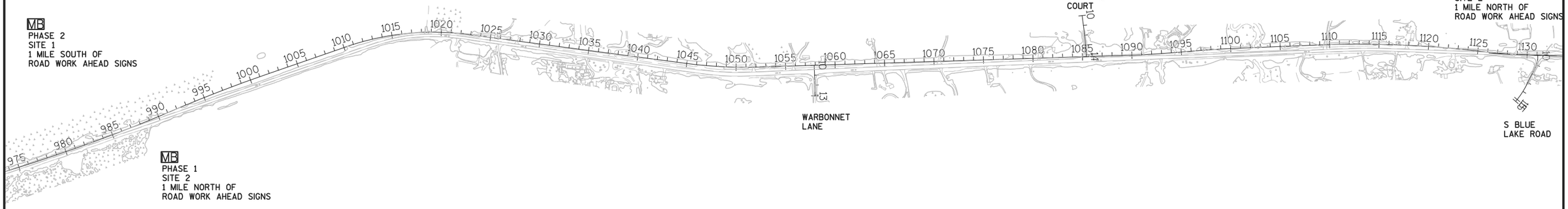
2



PHASE # / SITE #	PRIOR TO 2016 CONSTRUCTION	DURING 2016 CONSTRUCTION	PRIOR TO 2017 CONSTRUCTION	DURING 2017 CONSTRUCTION
PHASE 1 SITE 1	STH 51 WORK STARTS XXXX XXXX	LANE SHIFT AHEAD EXPECT DELAYS	NO MESSAGE BOARD USED	NO MESSAGE BOARD USED
PHASE 1 SITE 2	STH 51 WORK STARTS XXXX XXXX	LANE SHIFT AHEAD EXPECT DELAYS	NO MESSAGE BOARD USED	NO MESSAGE BOARD USED
PHASE 2 SITE 1	NO MESSAGE BOARD USED	NO MESSAGE BOARD USED	STH 51 WORK STARTS XXXX XXXX	LANE SHIFT AHEAD EXPECT DELAYS
PHASE 2 SITE 2	NO MESSAGE BOARD USED	NO MESSAGE BOARD USED	STH 51 WORK STARTS XXXX XXXX	LANE SHIFT AHEAD EXPECT DELAYS

2

N



PHASE # SITE #	PRIOR TO 2016 CONSTRUCTION	DURING 2016 CONSTRUCTION	PRIOR TO 2017 CONSTRUCTION	DURING 2017 CONSTRUCTION
PHASE 1 SITE 1	STH 51 WORK STARTS XXXX XXXX	LANE SHIFT AHEAD EXPECT DELAYS	NO MESSAGE BOARD USED	NO MESSAGE BOARD USED
PHASE 1 SITE 2	STH 51 WORK STARTS XXXX XXXX	LANE SHIFT AHEAD EXPECT DELAYS	NO MESSAGE BOARD USED	NO MESSAGE BOARD USED
PHASE 2 SITE 1	NO MESSAGE BOARD USED	NO MESSAGE BOARD USED	STH 51 WORK STARTS XXXX XXXX	LANE SHIFT AHEAD EXPECT DELAYS
PHASE 2 SITE 2	NO MESSAGE BOARD USED	NO MESSAGE BOARD USED	STH 51 WORK STARTS XXXX XXXX	LANE SHIFT AHEAD EXPECT DELAYS

DATE 25NOV15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1177-11-70 QUANTITY
0010	108.4400	CPM Progress Schedule	EACH	1.000	1.000
0020	201.0105	Clearing	STA	482.000	482.000
0030	201.0205	Grubbing	STA	482.000	482.000
0040	203.0100	Removing Small Pipe Culverts	EACH	29.000	29.000
0050	203.0200	Removing Old Structure (station) 01. 1102+35	LS	1.000	1.000
0060	203.0200	Removing Old Structure (station) 02. 1025+90	LS	1.000	1.000
0070	204.0110	Removing Asphaltic Surface	SY	27,087.000	27,087.000
0080	204.0115	Removing Asphaltic Surface Butt Joints	SY	793.000	793.000
0090	204.0150	Removing Curb & Gutter	LF	602.000	602.000
0100	204.0165	Removing Guardrail	LF	302.000	302.000
0110	205.0100	Excavation Common	CY	657,127.000	657,127.000
0120	205.0400	Excavation Marsh	CY	51,339.000	51,339.000
0130	206.1000	Excavation for Structures Bridges (structure) 01. B-43-61	LS	1.000	1.000
0140	210.0100	Backfill Structure	CY	640.000	640.000
0150	211.0100	Prepare Foundation for Asphaltic Paving (project) 01. 1177-11-70	LS	1.000	1.000
0160	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	684.000	684.000
0170	213.0100	Finishing Roadway (project) 01. 1177-11-70	EACH	1.000	1.000
0180	214.0100	Obliterating Old Road	STA	111.600	111.600
0190	305.0110	Base Aggregate Dense 3/4-Inch	TON	13,934.000	13,934.000
0200	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	150,303.600	150,303.600
0210	305.0500	Shaping Shoulders	STA	152.000	152.000
0220	310.0115	Base Aggregate Open Graded	CY	166.000	166.000
0230	415.0410	Concrete Pavement Approach Slab	SY	162.000	162.000
0240	416.1010	Concrete Surface Drains	CY	4.920	4.920
0250	440.4410	Incentive IRI Ride	DOL	29,760.000	29,760.000
0260	455.0105	Asphaltic Material PG58-28	TON	2,773.000	2,773.000
0270	455.0605	Tack Coat	GAL	13,394.000	13,394.000
0280	460.1103	HMA Pavement Type E-3	TON	50,427.000	50,427.000
0290	460.2000	Incentive Density HMA Pavement	DOL	32,280.000	32,280.000
0300	460.4000	HMA Cold Weather Paving	TON	29,800.000	29,800.000
0310	460.4110.S	Reheating HMA Pavement Longitudinal Joints	LF	157,359.000	157,359.000
0320	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	746.000	746.000
0330	465.0125	Asphaltic Surface Temporary	TON	7,366.000	7,366.000
0340	465.0315	Asphaltic Flumes	SY	162.000	162.000
0350	465.0425	Asphaltic Shoulder Rumble Strips 2-Lane Rural	LF	39,800.000	39,800.000
0360	465.0475	Asphalt Center Line Rumble Strips 2-Lane Rural	LF	25,810.000	25,810.000
0370	502.0100	Concrete Masonry Bridges	CY	556.000	556.000
0380	502.3200	Protective Surface Treatment	SY	884.000	884.000
0390	502.3210	Pigmented Surface Sealer	SY	162.000	162.000
0400	503.0172	Prestressed Girder Type I 72W-Inch	LF	834.000	834.000
0410	504.0900	Concrete Masonry Endwalls	CY	1.700	1.700
0420	505.0400	Bar Steel Reinforcement HS Structures	LB	6,580.000	6,580.000
0430	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	74,000.000	74,000.000
0440	505.0800.S	Bar Steel Reinforcement HS Stainless Structures	LB	1,570.000	1,570.000

3

DATE 25NOV15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1177-11-70 QUANTITY
0450	506.2605	Bearing Pads Elastomeric Non-Laminated	EACH	12.000	12.000
0460	506.4000	Steel Diaphragms (structure) 01. B-43-61	EACH	10.000	10.000
0470	511.1100	Temporary Shoring	SF	4,160.000	4,160.000
0480	511.1200	Temporary Shoring (structure) 01. B-43-61	SF	6,410.000	6,410.000
0490	516.0500	Rubberized Membrane Waterproofing	SY	24.000	24.000
0500	520.2018	Culvert Pipe Temporary 18-Inch	LF	404.000	404.000
0510	520.2024	Culvert Pipe Temporary 24-Inch	LF	412.000	412.000
0520	521.0118	Culvert Pipe Corrugated Steel 18-Inch	LF	1,083.000	1,083.000
0530	521.0124	Culvert Pipe Corrugated Steel 24-Inch	LF	316.000	316.000
0540	521.1012	Apron Endwalls for Culvert Pipe Steel 12-Inch	EACH	2.000	2.000
0550	521.1018	Apron Endwalls for Culvert Pipe Steel 18-Inch	EACH	58.000	58.000
0560	521.1024	Apron Endwalls for Culvert Pipe Steel 24-Inch	EACH	16.000	16.000
0570	522.0124	Culvert Pipe Reinforced Concrete Class III 24-Inch	LF	561.000	561.000
0580	522.0336	Culvert Pipe Reinforced Concrete Class IV 36-Inch	LF	254.000	254.000
0590	522.0342	Culvert Pipe Reinforced Concrete Class IV 42-Inch	LF	432.000	432.000
0600	522.0348	Culvert Pipe Reinforced Concrete Class IV 48-Inch	LF	200.000	200.000
0610	522.0372	Culvert Pipe Reinforced Concrete Class IV 72-Inch	LF	178.000	178.000
0620	522.0524	Culvert Pipe Reinforced Concrete Class V 24-Inch	LF	500.000	500.000
0630	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	16.000	16.000
0640	522.1036	Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	EACH	4.000	4.000
0650	522.1042	Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	EACH	4.000	4.000
0660	522.1048	Apron Endwalls for Culvert Pipe Reinforced Concrete 48-Inch	EACH	2.000	2.000
0670	522.1072	Apron Endwalls for Culvert Pipe Reinforced Concrete 72-Inch	EACH	2.000	2.000
0680	523.0124	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	LF	112.000	112.000
0690	523.0524	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	EACH	2.000	2.000
0700	550.1120	Piling Steel HP 12-Inch X 53 Lb	LF	2,200.000	2,200.000
0710	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	1,912.000	1,912.000
0720	603.8000	Concrete Barrier Temporary Precast Delivered	LF	22,976.500	22,976.500
0730	603.8125	Concrete Barrier Temporary Precast Installed	LF	25,328.000	25,328.000
0740	604.0600	Slope Paving Select Crushed Material	SY	446.000	446.000
0750	606.0200	Riprap Medium	CY	19.000	19.000
0760	606.0300	Riprap Heavy	CY	682.000	682.000
0770	611.0654	Inlet Covers Type V	EACH	2.000	2.000
0780	611.3220	Inlets 2x2-FT	EACH	2.000	2.000
0790	612.0212	Pipe Underdrain Unperforated 12-Inch	LF	170.000	170.000

3

DATE 25NOV15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1177-11-70 QUANTITY
0800	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	188.000	188.000
0810	614.0150	Anchor Assemblies for Steel Plate Beam Guard	EACH	4.000	4.000
0820	614.2300	MGS Guardrail 3	LF	1,213.000	1,213.000
0830	614.2500	MGS Thrie Beam Transition	LF	158.000	158.000
0840	614.2610	MGS Guardrail Terminal EAT	EACH	6.000	6.000
0850	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1177-11-70	EACH	1.000	1.000
0860	619.1000	Mobilization	EACH	1.000	1.000
0870	621.0100	Landmark Reference Monuments	EACH	8.000	8.000
0880	624.0100	Water	MGAL	2,295.000	2,295.000
0890	625.0100	Topsoil	SY	347,656.000	347,656.000
0900	627.0200	Mulching	SY	295,878.000	295,878.000
0910	628.1504	Silt Fence	LF	10,543.000	10,543.000
0920	628.1520	Silt Fence Maintenance	LF	63,255.000	63,255.000
0930	628.1905	Mobilizations Erosion Control	EACH	20.000	20.000
0940	628.1910	Mobilizations Emergency Erosion Control	EACH	12.000	12.000
0950	628.2002	Erosion Mat Class I Type A	SY	49,208.000	49,208.000
0960	628.2008	Erosion Mat Urban Class I Type B	SY	85,149.000	85,149.000
0970	628.2023	Erosion Mat Class II Type B	SY	21,943.000	21,943.000
0980	628.6510	Soil Stabilizer Type B	ACRE	13.000	13.000
0990	628.7504	Temporary Ditch Checks	LF	3,189.000	3,189.000
1000	628.7555	Culvert Pipe Checks	EACH	204.000	204.000
1010	628.7570	Rock Bags	EACH	3,810.000	3,810.000
1020	629.0210	Fertilizer Type B	CWT	229.000	229.000
1030	630.0120	Seeding Mixture No. 20	LB	3,499.000	3,499.000
1040	630.0130	Seeding Mixture No. 30	LB	4,219.000	4,219.000
1050	630.0140	Seeding Mixture No. 40	LB	257.000	257.000
1060	630.0200	Seeding Temporary	LB	11,225.000	11,225.000
1070	633.5200	Markers Culvert End	EACH	34.000	34.000
1080	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	61.000	61.000
1090	634.0620	Posts Wood 4x6-Inch X 20-FT	EACH	10.000	10.000
1100	637.2210	Signs Type II Reflective H	SF	486.840	486.840
1110	637.2230	Signs Type II Reflective F	SF	84.250	84.250
1120	638.2102	Moving Signs Type II	EACH	1.000	1.000
1130	638.2602	Removing Signs Type II	EACH	56.000	56.000
1140	638.3000	Removing Small Sign Supports	EACH	59.000	59.000
1150	638.4000	Moving Small Sign Supports	EACH	1.000	1.000
1160	642.5001	Field Office Type B	EACH	1.000	1.000
1170	643.0200	Traffic Control Surveillance and Maintenance (project) 01. 1177-11-70	DAY	488.000	488.000
1180	643.0300	Traffic Control Drums	DAY	52,916.000	52,916.000
1190	643.0420	Traffic Control Barricades Type III	DAY	81.000	81.000
1200	643.0705	Traffic Control Warning Lights Type A	DAY	53.000	53.000
1210	643.0715	Traffic Control Warning Lights Type C	DAY	14,494.000	14,494.000
1220	643.0800	Traffic Control Arrow Boards	DAY	18.000	18.000
1230	643.0900	Traffic Control Signs	DAY	10,932.000	10,932.000
1240	643.1050	Traffic Control Signs PCMS	DAY	762.000	762.000
1250	645.0120	Geotextile Fabric Type HR	SY	1,480.000	1,480.000
1260	646.0106	Pavement Marking Epoxy 4-Inch	LF	106,707.000	106,707.000
1270	646.0126	Pavement Marking Epoxy 8-Inch	LF	191.000	191.000
1280	646.0406	Pavement Marking Same Day Epoxy 4-Inch	LF	44,472.000	44,472.000
1290	646.0600	Removing Pavement Markings	LF	69,225.000	69,225.000
1300	648.0100	Locating No-Passing Zones	MI	5.450	5.450

3

DATE 25NOV15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1177-11-70 QUANTITY
1310	649.0402	Temporary Pavement Marking Paint 4-Inch	LF	305,507.000	305,507.000
1320	649.1400	Temporary Pavement Marking Stop Line Removable Tape 24-Inch	LF	96.000	96.000
1330	650.4500	Construction Staking Subgrade	LF	30,866.000	30,866.000
1340	650.5000	Construction Staking Base	LF	30,866.000	30,866.000
1350	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	1,912.000	1,912.000
1360	650.6000	Construction Staking Pipe Culverts	EACH	17.000	17.000
1370	650.6500	Construction Staking Structure Layout (structure) 01. B-43-61	LS	1.000	1.000
1380	650.9910	Construction Staking Supplemental Control (project) 01. 1177-11-70	LS	1.000	1.000
1390	650.9920	Construction Staking Slope Stakes	LF	30,886.000	30,886.000
1400	661.0300	Generators	DAY	49.000	49.000
1410	690.0150	Sawing Asphalt	LF	30,156.000	30,156.000
1420	690.0250	Sawing Concrete	LF	61.000	61.000
1430	715.0415	Incentive Strength Concrete Pavement	DOL	500.000	500.000
1440	715.0502	Incentive Strength Concrete Structures	DOL	2,928.000	2,928.000
1450	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	500.000	500.000
1460	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	360.000	360.000
1470	SPV.0035	Special 01. Roadway Embankment	CY	453,827.000	453,827.000
1480	SPV.0035	Special 02. Marsh Backfill	CY	51,339.000	51,339.000
1490	SPV.0060	Special 01. Reestablish Section Corner Monuments	EACH	2.000	2.000
1500	SPV.0105	Special 01. Temporary Traffic Signals (Phase 1 Stage 3)	LS	1.000	1.000
1510	SPV.0105	Special 02. Temporary Traffic Signals (Phase 1 Stage 4)	LS	1.000	1.000
1520	SPV.0105	Special 03. Temporary Traffic Signals (Phase 2 Stage 3) South Signal	LS	1.000	1.000
1530	SPV.0105	Special 04. Temporary Traffic Signals (Phase 2 Stage 3) North Signal	LS	1.000	1.000
1540	SPV.0105	Special 05. Temporary Traffic Signals Station 925+25 Culvert	LS	1.000	1.000
1550	SPV.0105	Special 06. Temporary Traffic Signals Station 942+90 Culvert	LS	1.000	1.000
1560	SPV.0105	Special 07. Temporary Traffic Signals Station 1026+23 Culvert	LS	1.000	1.000
1570	SPV.0105	Special 08. Outfall Structure STA 925+67 LT	LS	1.000	1.000
1580	SPV.0105	Special 09. Temporary Pumps Rocky Run Creek	LS	1.000	1.000
1590	SPV.0180	Special 01. Protective Thermoplastic Coating at Snowmobile Crossing	SY	117.000	117.000

3

CLEARING AND GRUBBING
CATEGORY 10
LOCATION

						201.0105 CLEARING STA	201.0205 GRUBBING STA
USH 51							
STA 848+00	–	STA 869+00	LT & RT	21	2	42	42
STA 869+00	–	STA 873+00	RT	4	1	4	4
STA 873+00	–	STA 877+00	LT & RT	4	2	8	8
STA 877+00	–	STA 882+00	LT	5	1	5	5
STA 882+00	–	STA 914+00	LT & RT	32	2	64	64
STA 914+00	–	STA 916+00	LT	2	1	2	2
STA 917+00	–	STA 919+00	LT	2	1	2	2
STA 919+00	–	STA 932+00	LT & RT	13	2	26	26
STA 933+00	–	STA 937+00	LT	4	1	4	4
STA 937+00	–	STA 972+00	LT & RT	35	2	70	70
STA 972+00	–	STA 981+00	LT	9	1	9	9
STA 982+00	–	STA 992+00	LT	10	1	10	10
STA 992+00	–	STA 1016+00	LT & RT	24	2	48	48
STA 1016+00	–	STA 1030+00	LT	14	1	14	14
STA 1031+00	–	STA 1034+00	LT	3	1	3	3
STA 1035+00	–	STA 1048+00	LT	13	1	13	13
STA 1048+00	–	STA 1050+00	LT & RT	2	2	4	4
STA 1050+00	–	STA 1051+00	RT	1	1	1	1
STA 1051+00	–	STA 1055+00	LT & RT	4	2	8	8
STA 1055+00	–	STA 1068+00	LT	13	1	13	13
STA 1068+00	–	STA 1070+00	LT & RT	2	2	4	4
STA 1070+00	–	STA 1085+00	LT	15	1	15	15
STA 1086+00	–	STA 1095+00	LT	9	1	9	9
STA 1095+00	–	STA 1103+00	LT & RT	8	2	16	16
STA 1103+00	–	STA 1105+00	LT	2	1	2	2
STA 1105+00	–	STA 1107+00	LT & RT	2	2	4	4
STA 1107+00	–	STA 1108+00	LT	1	1	1	1
STA 1108+00	–	STA 1110+00	LT & RT	2	2	4	4
STA 1110+00	–	STA 1114+00	LT	4	1	4	4
STA 1114+00	–	STA 1117+00	LT & RT	3	2	6	6
STA 1117+00	–	STA 1121+00	LT	4	1	4	4
STA 1121+00	–	STA 1124+00	LT & RT	3	2	6	6
STA 1124+00	–	STA 1126+00	LT	2	1	2	2
STA 1126+00	–	STA 1133+00	LT & RT	7	2	14	14
JACKSON HEIGHTS ROAD							
STA 10+00	–	STA 14+00	LT & RT	4	2	8	8
COTTAGE INN DRIVE							
STA 15+00	–	STA 16+00	LT	1	1	1	1
OAK RIDGE ROAD							
STA 11+00	–	STA 15+00	LT & RT	4	2	8	8
LITTLE BEARSKIN ROAD							
STA 10+00	–	STA 14+00	LT & RT	4	2	8	8
WARBONNET LANE							
STA 11+00	–	STA 13+00	LT & RT	2	2	4	4
CLEARVIEW CT							
STA 10+00	–	STA 13+00	LT & RT	3	2	6	6
S. BLUE LAKE ROAD							
STA 10+00	–	STA 13+00	LT & RT	3	2	6	6
			TOAL			482	482

REMOVING ASPHALTIC SURFACE BUTT JOINTS
CATEGORY 10

LOCATION	LT/RT	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	690.0150 SAWING ASPHALT LF	COMMENTS
USH 51				
STA 843+70	RT SHOULDER		3	PHASE 1 STAGE 1
STA 879+75	RT/LT		30	SAW FOR CULVERT
STA 879+98	RT/LT		30	SAW FOR CULVERT
STA 881+65	RT SHOULDER		3	PHASE 1 STAGE 1
STA 963+66	RT SHOULDER		3	PHASE 1 STAGE 1
STA 965+53	RT SHOULDER		3	PHASE 1 STAGE 1
STA 966+71	RT SHOULDER		3	PHASE 1 STAGE 1
STA 972+20	RT SHOULDER		3	PHASE 1 STAGE 1
STA 847+00 BUTT JOINT		167	60	CUT X2 (START/STOP JOINT)
STA 847+63 - 880+85	LT		3,338	PHASE 1 STAGE 2
STA 902+70	RT/LT		43	SAW FOR CULVERT
STA 903+24	RT/LT		43	SAW FOR CULVERT
STA 923+81 - 925+52	LT		171	PHASE 1 STAGE 2
STA 924+80	RT/LT		43	SAW FOR CULVERT
STA 925+38	RT/LT		43	SAW FOR CULVERT
STA 942+58	RT/LT		43	SAW FOR CULVERT
STA 942+91	RT/LT		43	SAW FOR CULVERT
STA 944+87	RT/LT		43	SAW FOR CULVERT
STA 945+21	RT/LT		43	SAW FOR CULVERT
STA 957+15	RT/LT		30	SAW FOR CULVERT
STA 957+80	RT/LT		30	SAW FOR CULVERT
STA 964+77 - 972+28	LT		757	PHASE 1 STAGE 2
STA 972+13 - 978+81	LT		679	PHASE 1 STAGE 4
STA 975+02	RT/LT		30	SAW FOR CULVERT
STA 975+21	RT/LT		30	SAW FOR CULVERT
STA 978+71 - 986+80	LT		824	PHASE 1 STAGE 3
STA 983+50 BUTT JOINT		167	60	CUT X2 (START/STOP JOINT)
STA 844+43 - 983+25	LT TEMP ASPHALT		13,888	PHASE 1 STAGE 6
STA 982+76	RT SHOULDER		3	PHASE 2 STAGE 1
STA 989+01	RT/LT		30	SAW FOR CULVERT
STA 989+38	RT/LT		30	SAW FOR CULVERT
STA 990+50	RT/LT		30	SAW FOR CULVERT
STA 990+75	RT/LT		30	SAW FOR CULVERT
STA 995+20	RT SHOULDER		3	PHASE 2 STAGE 1
STA 996+58	LT		25	SAW FOR CULVERT
STA 996+81	LT		25	SAW FOR CULVERT
STA 1014+54	RT SHOULDER		3	PHASE 2 STAGE 1
STA 1024+36	RT/LT		30	SAW FOR CULVERT
STA 1024+60	RT/LT		30	SAW FOR CULVERT
STA 1025+93	RT/LT		30	SAW FOR CULVERT
STA 1026+00-1026+17	RT		17	SAW FOR CULVERT
STA 1026+54	RT/LT		30	SAW FOR CULVERT
STA 1028+85	RT SHOULDER		3	PHASE 2 STAGE 1
	PG 1 TOTAL	334	20638	

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REMOVING ASPHALTIC SURFACE BUTT JOINTS CONTINUED
CATEGORY 10

LOCATION	LT/RT	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	690.0150 SAWING ASPHALT LF	COMMENTS
STA 1031+74	RT SHOULDER		3	PHASE 2 STAGE 1
STA 1043+94	RT SHOULDER		3	PHASE 2 STAGE 1
STA 1053+65	RT/LT		43	SAW FOR CULVERT
STA 1054+22	RT/LT		43	SAW FOR CULVERT
STA 1061+00	RT SHOULDER		3	PHASE 2 STAGE 1
STA 1069+14	LT		32	
STA 1069+50	LT		32	
STA 1073+46	RT SHOULDER		3	PHASE 2 STAGE 1
STA 1086+45	RT SHOULDER		3	PHASE 2 STAGE 1
STA 1099+00	RT/LT		30	SAW FOR CULVERT
STA 1099+24	RT/LT		30	SAW FOR CULVERT
STA 1105+64	RT SHOULDER		3	PHASE 2 STAGE 1
STA 984+87 - 993+09	LT		822	PHASE 2 STAGE 2
STA 1018+63 - 1027+00	LT		837	PHASE 2 STAGE 2
STA 1032+00 - 1044+67	LT		1267	PHASE 2 STAGE 2
STA 1061+52 - 1073+50	LT		1198	PHASE 2 STAGE 2
STA 1087+15 - 1093+89	LT		674	PHASE 2 STAGE 2
STA 1097+97 - 1099+58	LT		161	PHASE 2 STAGE 2
STA 983+25 BUTT JOINT	LT	84	30	CUT X2 (START/STOP JOINT)
STA 983+25 - 985+19	LT		228	PHASE 2 STAGE 3
STA 1126+25 - 1129+03	LT		312	PHASE 2 STAGE 3
STA 983+25 BUTT JOINT	RT	84	30	CUT X2 (START/STOP JOINT)
STA 1129+03	RT		15	PHASE 2 STAGE 4
STA 1129+03 - 1132+80	CL		385	PHASE 2 STAGE 5
STA 1132+80 BUTT JOINT		167	60	CUT X2 (START/STOP JOINT)
STA 983+25 - 986+41	LT TEMP ASPHALT		316	PHASE 2 STAGE 6
STA 1105+64 - 1129+03	LT TEMP ASPHALT		2,336	PHASE 2 STAGE 6
JACKSON HEIGHTS ROAD				
STA 14+00 BUTT JOINT		18	40	CUT X2 (START/STOP JOINT)
COTTAGE INN DRIVE				
STA 15+00 BUTT JOINT		18	40	CUT X2 (START/STOP JOINT)
OAK RIDGE ROAD				
STA 14+61 BUTT JOINT		18	40	CUT X2 (START/STOP JOINT)
LITTLE BEARSKIN ROAD				
STA 13+80 BUTT JOINT		20	44	CUT X2 (START/STOP JOINT)
WARBONNET LANE				
STA 12+72 BUTT JOINT		16	36	CUT X2 (START/STOP JOINT)
CLEARVIEW COURT				
STA 10+15 BUTT JOINT		18	40	CUT X2 (START/STOP JOINT)
S. BLUE LAKE ROAD				
STA 12+57 BUTT JOINT		16	36	CUT X2 (START/STOP JOINT)
PRIVATE & COMMERCIAL ENTRANCES				
STA 862+00	RT		20	
STA 884+00	LT		30	
STA 914+50	LT		25	
STA 934+86	LT		25	
STA 1034+50	LT		100	
STA 1038+60	LT		15	
STA 1041+55	LT		10	
STA 1107+00	RT		13	
STA 1113+00	RT		10	
STA 1118+00	LT		45	
STA 1129+00	LT		50	CUT X2 (EXISTING AND TEMP
	PG 2 TOTAL	459	9518	
	GRAND TOTAL	**793**	**30,156**	

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OBLITERATING OLD ROAD — 214.0100 OBLITERATING OLD ROAD

LOCATION STA	TO	STA	STATIONS
USH 51			
STA 892+60	–	STA 900+00	7.4
STA 904+30	–	STA 909+50	5.2
STA 915+10	–	STA 924+30	9.2
STA 939+00	–	STA 941+90	2.9
STA 942+30	–	STA 943+80	1.5
STA 945+00	–	STA 948+30	3.3
STA 948+70	–	STA 951+90	3.2
STA 952+30	–	STA 963+00	10.7
STA 990+90	–	STA 994+10	3.2
STA 1001+10	–	STA 1017+50	16.4
STA 1027+30	–	STA 1031+30	4
STA 1044+60	–	STA 1053+00	8.4
STA 1053+50	–	STA 1057+60	4.1
STA 1058+30	–	STA 1061+00	2.7
STA 1083+20	–	STA 1091+90	8.7
STA 1095+20	–	STA 1098+20	3
STA 1099+30	–	STA 1107+20	7.9
STA 1107+60	–	STA 1112+20	4.6
STA 1114+70	–	STA 1116+50	1.8
STA 1117+00	–	STA 1117+80	0.8
STA 1118+10	–	STA 1120+70	2.6
TOTAL			111.6

SAWING CONCRETE — 690.0250 SAWING CONCRETE

Category 10

LOCATION LT/RT	LF
USH 51	
STA 1033+75 LT	61
TOTAL	61

COMMENTS

REMAINING CONCRETE SLAB TO BE CUT 5' INSIDE ROW LINE.

TEMPORARY SHORING — 511.1100 TEMPORARY SHORING; 511.1200 TEMPORARY SHORING (B-43-61)

STATION	LOCATION	511.1100 SF	511.1200 SF	COMMENTS
CATEGORY 0010				
924+80	CROSS DRAIN STAGING	576		16' DEPTH x 36' WIDTH
942+60	CROSS DRAIN STAGING	384		12' DEPTH x 32' WIDTH
1026+23	CROSS DRAIN STAGING	3,200		32' DEPTH x 100' WIDTH
	SUB-TOTAL	4,160		
CATEGORY 0020				
B-43-61	STREAM DIVERSION		6,410	
	TOTAL	4,160	6,410	

CURB AND GUTTER

CATEGORY 10

LOCATION			INTERSECTION	204.0150 REMOVING CURB AND GUTTER LF	601.0557 CONCRETE CURB & GUTTER TYPE D 36" SLOPED LF
S.E. RADII			JACKSON HEIGHTS ROAD	39	89
N.E. RADII			JACKSON HEIGHTS ROAD	58	58
STA 10+33 – STA 14+25		RT	OAKRIDGE ROAD	39	415
STA 10+34 – STA 14+26		LT	OAKRIDGE ROAD	61	411
S.E. RADII			LITTLE BEARSKIN ROAD	56	77
N.E. RADII			LITTLE BEARSKIN ROAD	72	69
S.E. RADII			WARBONNET LANE	61	89
N.E. RADII			WARBONNET LANE	81	58
S.W. RADII			CLEARVIEW COURT	--	58
N.W. RADII			CLEARVIEW COURT	--	90
STA 10+24 – STA 12+50		RT	S BLUE LAKE ROAD	57	250
STA 10+24 – STA 12+50		LT	S BLUE LAKE ROAD	78	248
			TOTAL	602	1912

BEAM GUARD

LOCATION	204.0165 REMOVING GUARDRAIL LF	614.2500 MGS THRIE BEAM TRANSITION LF	614.2300 MGS GUARDRAIL 3 LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH
USH 51				
STA 1067+37 – STA 1070+39, RT	302			
STA 1019+20 – STA 1028+04, LT			887.5	2
STRUCTURE B-43-62				
SW QUADRANT		39.4	12.5	1
NW QUADRANT		39.4	150	1
NE QUADRANT		39.4	12.5	1
SE QUADRANT		39.4	150	1
TOTAL	302	158	1213	6

BRIDGE ITEMS — CATEGORY 10 — CATEGORY 20

LOCATION	416.1010 CONCRETE SURFACE DRAINS CY	611.0654 INLET COVERS TYPE V EACH	611.3220 INLETS 2X2-FT EACH	612.0212 PIPE UNDERDRAIN UNPERFORATED 12-INCH LF	310.0115 BASE AGGREGATE OPEN GRADED * CY	650.6500 CONSTRUCTION STAKING STRUCTURE LAY OUT LS	SPV.0105.09 TEMPORARY PUMPS ROCKY RUN CREEK LS
B-43-61					83	1	1
SW QUAD	2.46	1	1	70			
SE QUAD	2.46	1	1	100			
	4.92	2	2	170	83	1	1

* PLACE OPEN GRADED BASE AGGREGATE WITHIN RIP RAP VOIDS ALONG ROCKY RUN CREEK TO FACILITATE SMALL ANIMAL PASSAGE

WATER — 624.0100

LOCATION	MGAL
PROJECT	2295
TOTAL	2295

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PAVING ITEMS CATEGORY 10			204.011 REMOVING ASPHALTIC SURFACE	211.0400 PREPARE FOUNDATION FOR ASPHALT SHOULDERS	211.0100 PREPARE FOUNDATION FOR ASPHALT PAVING	455.0105 ASPHALTIC MATERIAL PG 58-28	455.0605 TACK COAT	460.1103 HMA PAVEMENT TYPE E-3	460.4110.S REHEATING HMA PAVEMENT LONGITUDINAL JOINTS	465.0120 ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRACNES	465.0125 ASPHALTIC SURFACE TEMPORARY	465.0315 ASPHALTIC FLUMES	460.4000 HMA COLD WEATHER PAVING
STATION		LOCATION	SY	STA	LS	TON	GAL	TON	LF	TON	TON	SY	TON
USH 51													29,800
STA 843+83	-	STA 847+50	233.4	0.0		0	0	0			99		
STA 847+50	-	STA 850+00	691.9	6.0		18	87	327	750		143		
STA 850+00	-	STA 857+00	1,944.4	14.0		60	292	1,089	3,600		401		
STA 857+00	-	STA 970+00	15,552.1	226.0		1,112	5,489	20,217	67,800		3,695		
STA 879+75	-	STA 879+98									15		
STA 902+70	-	STA 903+24									50		
STA 924+80	-	STA 925+38									59		
STA 942+58	-	STA 942+19									31		
STA 944+87	-	STA 944+87									21		
STA 957+15	-	STA 957+80									47		
STA 970+00	-	STA 977+00	1,888.7	14.0		59	287	1,074	4,200		125		
STA 974+92	-	STA 974+93									16		
STA 977+00	-	STA 981+00	1,333.3	8.0		29	140	529	2,196		0		
STA 981+00	-	STA 988+00	2,762.3	14.0		61	297	1,108	2,100		191		
STA 988+00	-	STA 1092+84	0.0	210.0		1,032	5,077	18,758	62,733		1,155		
STA 989+01	-	STA 989+38									24		
STA 990+50	-	STA 990+75									26		
STA 996+58	-	STA 996+81									7		
STA 1024+50	-	STA 1024+50									15		
STA 1025+93	-	STA 1026+54									76		
STA 1053+65	-	STA 1054+22									58		
STA 1069+14	-	STA 1069+50									21		
STA 1092+84	-	STA 1097+58	0.0	10.0		41	198	738	2,844		118		
STA 1097+58	-	STA 1101+44	0.0	8.0		28	135	510	2,280		115		
STA 1099+00	-	STA 1099+24									15		
STA 1101+44	-	STA 1103+28	0.0	0.0		0	0	0	8,856		46		
STA 1103+28	-	STA 1132+80	2,680.7	60.0		213	1,039	3,874			657		
ROCKY RUN CREEK DIVERSION											18		
USH 51 TEMPORARY WIDENING RT													
STA 846+12	-	STA 880+28		35.0									
STA 966+26	-	STA 972+02		6.0									
STA 984+45	-	STA 994+97		11.0									
STA 1021+42	-	STA 1027+18		6.0									
STA 1063+35	-	STA 1072+04		9.0									
STA 1100+23	-	STA 1101+27		2.0									
PG 1 TOTAL			27,087	639	1	2,652	13,041	48,224	157,359	0	7,245	0	29,800

PAVING ITEMS CONTINUED
CATEGORY 10

STATION		LOCATION	204.011 REMOVING ASPHALTIC SURFACE SY	211.0400 PREPARE FOUNDATION FOR ASPHALT SHOULDERS STA	211.0100 PREPARE FOUNDATION FOR ASPHALT PAVING LS	455.0105 ASPHALTIC MATERIAL PG 58-28 TON	455.0605 TACK COAT GAL	460.1103 HMA PAVEMENT TYPE E-3 TON	460.4110.S REHEATING HMA PAVEMENT LONGITUDINAL JOINTS LF	465.0120 ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRACNES TON	465.0125 ASPHALTIC SURFACE TEMPORARY TON	465.0315 ASPHALTIC FLUMES SY
JACKSON HEIGHTS ROAD												
STA 10+34	-	STA 14+00		8.0		20	53	370				
STA 10+30 RT												15
STA 10+75 LT												9
STA 11+00 RT												11
COTTAGE INN DRIVE												
STA 15+00	-	STA 16+32		4.0		6	16	114				
STA 16+00 RT												12
STA 16+00 LT												13
OAK RIDGE ROAD												
STA 10+34	-	STA 14+61		8.0		23	60	419				
STA 10+80 LT												6
STA 11+25 RT												4
LITTLE BEARSKIN TRAIL												
STA 10+01	-	STA 13+80		8.0		22	56	393				
STA 10+50 RT												14
STA 10+60 LT												14
WARBONNET LANE												
STA 10+22	-	12+72		5.0		15	39	271				
STA 10+70 LT												12
STA 10+85 RT												11
CLEARVIEW COURT												
STA 10+15	-	STA 13+88		8.0		20	53	372				
STA 13+35 RT												16
STA 13+80 LT												15
S. BLUE LAKE ROAD												
STA 10+24	-	STA 12+57		4.0		15	76	265				
STA 10+50 LT												8
STA 11+00 RT												3
PRIVATE & COMMERCIAL ENTRANCES												
STA 862+00	RT									42		
STA 884+00	LT									45		
STA 914+50	RT									56		
STA 934+86	LT									85		
STA 1037+43	LT									304		
STA 1107+00	RT									63		
STA 1113+00	RT									58		
STA 1118+00	LT									44		
TOMAHAWK LIVE TRAP										48	121	0
PG 2 TOTAL			0	45	0	121	353	2,203	0	746	121	162
GRAND TOTAL			27,087	684	1	2,773	13,394	50,427	157,359	746	7,366	162

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BASE AGGREGATE DENSE CATEGORY 10			305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	305.0500 SHAPING SHOULDERS STA	COMMENTS
LOCATION						
USH 51 TEMP. WIDENING						
STA 845+50	–	STA 877+13	49.2	517.8		
USH 51						
STA 845+98	–	STA 847+50	4.0	0.0	2	SHAPING SHOULDERS FOR SHAPING AFTER
STA 847+50	–	STA 981+07	6,264.4	60,809.0	134	REMOVAL OF TEMPOARARY WIDENINGS
STA 879+75	-	STA 879+98		44.4		
STA 902+70	-	STA 903+24		149.8		
STA 924+80	-	STA 925+38		176.2		
STA 942+58	-	STA 942+19		93.1		
STA 944+87	-	STA 944+87		63.6		
STA 957+15	-	STA 957+80		140.3		
STA 974+92	-	STA 974+93		48.1		
STA 981+07	–	STA 983+25	102.2	1,032.8	3	SHAPING SHOULDERS FOR SHAPING AFTER
STA 983+25	–	STA 986+21	151.7	1,500.1	3	REMOVAL OF TEMPOARARY WIDENINGS
STA 986+21	–	STA 1092+84	5,465.4	55,581.9		
STA 989+01	-	STA 989+38		71.3		
STA 990+50	-	STA 990+75		76.2		
STA 996+58	-	STA 996+81		20.9		
STA 1024+50	-	STA 1024+50		45.5		
STA 1025+93	-	STA 1026+54		227.2		
STA 1053+65	-	STA 1054+22		171.7		
STA 1069+14	-	STA 1069+50		62.8		
STA 1092+84	–	STA 1097+58	118.0	2,375.6		
STA 1097+58	–	STA 1101+44	96.1	1,763.0		
STA 1103+28	–	STA 1109+14	145.8	2,676.5		
STA 1109+14	–	STA 1129+03	932.8	9,055.1	10	SHAPING SHOULDERS FOR SHAPING AFTER
STA 1129+03	–	STA 1132+72	91.8	1,685.4		REMOVAL OF TEMPOARARY WIDENINGS
STA 1099+00	-	STA 1099+00		44.4		
ROCKY RUN CREEK DIVERSION				25.0		
USH 51 TEMPORARY WIDENING RT						
STA 846+12	–	STA 880+28	53.1	2,612.1		
STA 966+26	–	STA 972+02	9.0	294.8		
STA 984+45	–	STA 994+97	15.9	642.8		
STA 1021+42	–	STA 1027+18	9.0	138.6		
STA 1035+00	–	STA 1040+00	56.0			B.A.D. FOR GRADING RT FORESLOPE TO 3:1
STA 1063+35	–	STA 1072+04	13.5	118.8		
STA 1100+23	–	STA 1101+27	1.6	39.6		
PG 1 TOTAL			13,579.5	142,304.4	152.0	

BASE AGGREGATE DENSE CONTINUED CATEGORY 10			305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	305.0500 SHAPING SHOULDERS STA
LOCATION					
JACKSON HEIGHTS ROAD					
STA 10+34	–	STA 14+00	88.8	602.4	
RADII				82.7	
Temp Connection				624.3	
COTTAGE INN DRIVE					
STA 15+00	–	STA 16+32	34.6	237.0	
RADII				82.7	
Temp Connection				225.1	
OAK RIDGE ROAD					
STA 10+34	–	STA 14+61	0.0	526.9	
RADII				82.7	
Temp Connection				728.3	
LITTLE BEARSKIN TRAIL					
STA 10+01	–	STA 13+80	99.3	718.1	
RADII				82.7	
Temp Connection				646.4	
WARBONNET LANE					
STA 10+22	–	12+72	52.9	401.9	
RADII				82.7	
Temp Connection				426.4	
CLEARVIEW COURT					
STA 10+15	–	STA 13+88	78.9	636.3	
RADII				82.7	
Temp Connection				636.2	
S. BLUE LAKE ROAD					
STA 10+24	–	STA 12+57	0.0	333.6	
RADII				82.7	
Temp Connection				397.4	
PG 2 TOTAL			354.5	7,719.2	0.0
GRAND TOTAL			13,934.0	150,023.6	152.0

RUMBLE STRIPS CATEGORY 10	465.0475 ASPHALTIC CENTERLINE RUMBLE STRIPS 2-LANE RURAL	465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE RURAL	COMMENTS
RUMBLE STRIPS	LF	LF	
PROJECT	25810	39800	OMIT RUMBLE STRIPS AT SIDE ROADS, BRIDGES, COMMERICAL DRIVES, AND PRIVATE DRIVES ACCORDING TO STANDARD

DRAINAGE STRUCTURE REMOVAL

LOCATION	203.0100 REMOVING SMALL PIPE CULVERT EACH	203.0200.02 REMOVING OLD STRUCTURE STA 1025+90 LS	COMMENTS
USH 51 CROSS-DRAINS			
STA 903+00	1	--	24" RCCP
STA 924+90	1	--	24" RCCP
STA 942+90	1	--	24" RCCP
STA 957+65	1	--	24" RCCP
STA 975+15	1	--	24" RCCP
STA 989+40	1	--	24" RCCP
STA 1025+90	--	1	60" RCCP
STA 1054+01	1	--	24" RCCP
SIDE ROADS			
OAK RIDGE ROAD	1	--	24 " CMP
WARBONNET LANE	1	--	24" CMP
CLEARVIEW COURT	1	--	18" CMP
S. BLUE LAKE ROAD	1	--	24" CMP
PRIVATE & COMMERCIAL ENTRANCES			
STA 862+00 RT	1	--	18" CMP
COTTAGE INN DRIVE	1	--	18" CMP
STA 932+00 RT	1	--	18" CMP
STA 1018+50 LT	1	--	18" CMP
STA 1035+00 RT	1	--	18" CMP
STA 1037+50 LT	1	--	18" CMP
STA 1037+50 RT	1	--	18" CMP
STA 1040+00 RT	1	--	18" CMP
STA 1052+00 LT	1	--	18" CMP
STA 1064+00 LT	1	--	18" POLY
STA 1070+00 LT	1	--	18" CMP
STA 1091+00 LT	1	--	18" CMP
STA 1091+50 RT	1	--	18" CMP
STA 1110+00 LT	1	--	18" CMP
STA 1113+00 RT	1	--	18" CMP
STA 1117+00 RT	1	--	18" CMP
STA 1118+00 LT	1	--	24" CMP
STA 1123+00 RT	1	--	18" CMP
TOTAL	29	1	

CULVERT PIPE CORRUGATED STEEL

CATEGORY 10 PRIVATE AND COMMERCIAL ENTRANCES	LOCATION	521.0118 CULVERT PIPE CORRUGATED STEEL 18-INCH* (LF)	521.0124 CULVERT PIPE CORRUGATED STEEL 24-INCH* (LF)	521.1012 APRON ENDWALLS FOR CULVERT PIPE STEEL 12-INCH (EACH)	521.1018 APRON ENDWALLS FOR CULVERT PIPE STEEL 18-INCH (EACH)	521.1024 APRON ENDWALLS FOR CULVERT PIPE STEEL 24-INCH (EACH)
STA 862+00	RT	35	--	--	2	--
STA 914+00	LT	--	47	--	--	2
LOON DRIVE	RT	31	--	--	2	--
STA 932+00	RT	27	--	--	2	--
STA 932+30	LT	39	--	--	2	--
STA 933+00	RT	27	--	--	2	--
STA 937+00	LT	46	--	--	2	--
STA 952+00	RT	26	--	--	2	--
STA 962+55	LT	37	--	--	2	--
STA 998+40	RT	33	--	--	2	--
STA 999+00	LT	31	--	--	2	--
STA 1018+50	LT	42	--	--	2	--
FROST BITE TRAIL	RT	--	48	--	--	2
STA 1029+00	LT	33	--	--	2	--
STA 1037+50	LT	--	67	--	--	2
STA 2+67 B	LT	49	--	--	2	--
STA 0+91 C	LT	39	--	--	2	--
STA 1037+50	RT	--	40	--	--	2
STA 1040+00	RT	33	--	--	2	--
STA 1043+00	RT	40	--	--	2	--
STA 1052+00	LT	64	--	--	2	--
STA 1053+00	RT	55	--	--	2	--
STA 1056+00	LT	64	--	--	2	--
STA 1066+00	LT	--	29	--	--	2
STA 1067+00	RT	38	--	--	2	--
STA 1070+00	LT	43	--	--	2	--
STA 1071+00	RT	31	--	--	2	--
STA 1076+00	RT	24	--	--	2	--
STA 1091+00	LT	--	24	--	--	2
STA 1091+50	RT	24	--	--	2	--
STA 1107+00	RT	--	36	--	--	2
STA 1110+00	LT	25	--	--	2	--
STA 1113+00	RT	--	25	--	--	2
STA 1117+00	RT	30	--	--	2	--
STA 1118+00	LT	48	--	--	2	--
STA 1123+00	RT	26	--	--	2	--
STA 1129+00	LT	43	--	--	2	--
B-43-61 SURFACE DRAINS		--	--	2	--	--
TOTAL		**1,083**	**316**	**2**	**58**	**16**

* = MINIMUM STEEL THICKNESS OF 0.064"

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CULVERT PIPE REINFORCED CONCRETE ITEMS
CATEGORY 10

ROADWAY	UPSTREAM STATION	UPSTREAM OFFSET	UPSTREAM ELEV	DOWNSTREAM STATION	DOWNSTREAM OFFSET	DOWNSTREAM ELEV	SLOPE	522.0124 CULVERT PIPE REINFORCED CONCRETE CLASS III 24-INCH (LF)	522.0336 CLASS IV 36-INCH (LF)	522.0342 CLASS IV 42-INCH (LF)	522.0348 CLASS IV 48-INCH (LF)	522.0372 CLASS IV 72-INCH (LF)	522.0524 CLASS V 24-INCH (LF)	523.0124 CLASS HE-III 24x38-INCH (LF)	522.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH (EACH)	522.1036 36-INCH (EACH)	522.1042 42-INCH (EACH)	522.1048 48-INCH (EACH)	522.1072 72-INCH (EACH)	523.0524 HORIZ. ELLIP. 24x38-INCH (EACH)	504.0900 CONCRETE MASONRY ENDWALLS (CY)	633.5200 MARKERS CULVERT END* (EACH)	650.6000 CONST. STAKING PIPE CULVERTS (EACH)	JOINT TIES (EACH)	COMMENTS
USH 51	902+70.3	91.0' RT	1537.55	903+37.5	78.1' LT	1537.00	0.30%	--	182	--	--	--	--	--	--	2	--	--	--	--	--	--	2	1	12	
USH 51	924+66.1	135.3' RT	1546.64	925+64.8	94.6' LT	1544.14	1.00%	--	--	--	--	--	250	--	--	--	--	--	--	--	--	--	2	1	12	
USH 51	924+68.0	135.4' RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.7	--	--	--	--	
USH 51	924+70.9	135.3' RT	1546.64	925+69.5	94.6' LT	1544.14	1.00%	--	--	--	--	--	250	--	--	--	--	--	--	--	--	--	2	1	12	
USH 51	942+58.1	132.4' RT	1536.47	942+18.6	88.1' LT	1534.90	0.70%	--	--	224	--	--	--	--	--	--	2	--	--	--	--	--	2	1	12	
USH 51	957+55.8	93.1' RT	1537.35	956+45.3	73.6' LT	1535.85	0.75%	--	--	--	200	--	--	--	--	--	--	2	--	--	--	--	2	1	12	
USH 51	974+91.9	37.0' RT	1537.02	974+93.2	35.0' LT	1536.80	0.31%	--	72	--	--	--	--	--	--	2	--	--	--	--	--	--	2	1	12	
USH 51	989+00.7	33.0' RT	1538.09	989+37.8	46.8' LT	1537.80	0.26%	--	--	--	--	--	--	112	--	--	--	--	--	2	--	2	1	12	2 EXTRA 8' SECTIONS TO BE INSTALLED ON EAST END TO TEMP. EXTEND PIPE BEYOND EXISTING USH 51. REMOVE THESE 2 SECTIONS IN STAGE 4 (INCIDENTAL TO ITEM)
USH 51	996+50.0	40.0' RT	1555.80	996+50.0	48.0' LT	1555.36	0.50%	88	--	--	--	--	--	--	2	--	--	--	--	--	--	--	2	1	12	
USH 51	1025+92.7	81.5' RT	1532.15	1026+54.4	85.5' LT	1531.90	#DIV/0!	--	--	--	--	178	--	--	--	--	--	--	--	2	--	--	2	1	12	
USH 51	1053+89.7	72.6' RT	1544.47	1052+52.5	83.3' LT	1543.22	0.60%	--	--	208	--	--	--	--	--	--	2	--	--	--	--	--	2	1	12	
USH 51	1069+50.0	52.0' LT	1571.95	1069+14.0	42.0' RT	1571.45	0.50%	100	--	--	--	--	--	--	2	--	--	--	--	--	--	--	2	1	12	
JACKSON HIEGHTS RD	10+96.6	31.2' LT	1568.46	10+84.8	41.9' RT	1567.58	1.69%	52	--	--	--	--	--	--	2	--	--	--	--	--	--	--	2	1	12	
OAK RIDGE RD	10+92.4	42.4' RT	1561.39	10+72.5	49.4' LT	1560.53	1.32%	65	--	--	--	--	--	--	2	--	--	--	--	--	--	--	2	1	12	
LITTLE BEARSKIN RD	10+37.4	48.1' RT	1542.23	10+53.1	50.8' LT	1541.94	0.41%	70	--	--	--	--	--	--	2	--	--	--	--	--	--	--	2	1	12	
WARBONNET LANE	11+10.0	37.7' LT	1550.70	11+10.0	58.3' RT	1548.50	3.93%	56	--	--	--	--	--	--	2	--	--	--	--	--	--	--	2	1	12	
CLEARVIEW COURT	13+33.4	44.5' RT	1564.73	13+35.2	53.5' LT	1564.33	0.57%	70	--	--	--	--	--	--	2	--	--	--	--	--	--	--	2	1	12	
S. BLUE LAKE RD	10+68.5	41.0' RT	1601.92	10+61.0	38.7' LT	1601.06	1.43%	60	--	--	--	--	--	--	2	--	--	--	--	--	--	--	2	1	12	
							TOTAL	561	254	432	200	178	500	112	16	4	4	2	2	2	1.7	34	17	204	

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CULVERT PIPE TEMPORARY
CATEGORY 10

ROADWAY	UPSTREAM STATION	UPSTREAM OFFSET	UPSTREAM ELEV	DOWNSTREAM STATION	DOWNSTREAM OFFSET	DOWNSTREAM ELEV	SLOPE	520.2018 CULVERT PIPE TEMPORARY 18-INCH (LF)	520.2024 CULVERT PIPE TEMPORARY 24-INCH (LF)
USH 51	879+75	21.9' RT	1583.71	879+75	77.9' RT	1583.00	1.27%	56	--
USH 51	884+14	16.2' RT	1588.00	883+54	16.5' RT	1587.80	0.33%	60	--
USH 51	903+00	41.7' RT	1540.00	903+00	110.0' RT	1539.50	0.74%	--	68
USH 51	924+87	42.3' RT	1558.46	924+55.7	117.1' RT	1555.90	3.12%	82	--
USH 51	944+87	50.0' RT	1541.81	944+87	136.0' RT	1541.06	0.87%	--	86
USH 51	957+00	39.0' RT	1539.54	957+25	106.0' RT	1538.63	1.26%	72	--
USH 51	990+75	22.7' RT	1542.27	990+50	67.8' RT	1541.80	0.90%	52	--
USH 51	1024+50	37.0' RT	1537.50	1024+50	81.0' RT	1537.00	1.14%	--	44
USH 51	1054+00	39.0' RT	1545.25	1053+96.0	103.0' RT	1545.00	0.39%	--	64
USH 51	1099+00	46.1' RT	1553.78	1099+00	128.0' RT	1552.00	2.17%	82	--
USH 51	ROCKY RUN TEMP. DIVERSION			LOCATION/ELEVATION TO BE DETERMINED IN FIELD BY ENGINEER				--	150
							TOTAL	404	412

RIP RAP
CATEGORY 10

ROADWAY	LOCATION	STA	606.0200 RIPRAP MEDIUM (CY)	606.0300 RIPRAP HEAVY (CY)	645.0120 GEOTEXTILE FABRIC TYPE HR (SY)
USH 51	CROSS DRAIN OUTLET	903+06	3		12
USH 51	CROSS DRAIN OUTLET	942+34		3	13
USH 51	CROSS DRAIN OUTLET	956+94		4	15
USH 51	CROSS DRAIN OUTLET	974+93	3		12
USH 51	CROSS DRAIN OUTLET	989+16	3		10
USH 51	CROSS DRAIN OUTLET	996+50	1		6
USH 51	CROSS DRAIN OUTLET	1053+26		3	13
USH 51	CROSS DRAIN OUTLET	1069+30	1		6
JACKSON HIEGHTS RD	CROSS DRAIN OUTLET	10+92	1		6
OAK RIDGE RD	CROSS DRAIN OUTLET	10+83	1		6
LITTLE BEARSKIN RD	CROSS DRAIN OUTLET	10+43	1		6
WARBONNET LANE	CROSS DRAIN OUTLET	11+10	1		6
CLEARVIEW COURT	CROSS DRAIN OUTLET	13+34	1		6
S. BLUE LAKE RD	CROSS DRAIN OUTLET	10+65	1		6
B-43-61					
SW QUAD CONCRETE SURFACE DRAIN OUTLET			1		6
SE QUAD CONCRETE SURFACE DRAIN OUTLET			1		6
TEMPORARY PUMPING DISCHARGE MAT				42	85
		TOTAL	19	52	220

CONSTRUCTION STAKING

STA	650.4500 SUB GRADE LF	650.5000 BASE LF	650.5500 CURB & GUTTER LF	650.6500 STRUCTURE LAYOUT LS	650.9910 SUPPLEMENTAL CONTROL LS	650.9920 SLOPE STAKE LF
USH 51						
PROJECT					1	
STA 847+50 – STA 1132+80	28,530	28,530				28,530
STA 903+04 CROSS DRAIN						
STA 925+18 CROSS DRAIN						
STA 942+39 CROSS DRAIN						
STA 957+00 CROSS DRAIN						
STA 974+93 CROSS DRAIN						
STA 989+20 CROSS DRAIN						
STA 996+50 CROSS DRAIN						
STA 1026+24 CROSS DRAIN						
STA 1053+18 CROSS DRAIN						
STRUCTURE B-43-61				1		
JACKSON HEIGHTS ROAD						
STA 10+00 – STA 14+00	400	400				400
CROSS DRAIN						
S.E. RADII C&G			89			
N.E. RADII C&G			58			
COTTAGE INN DRIVE						
STA 15+00 – STA 16+50	150	150				150
CROSS DRAIN						
OAK RIDGE ROAD						
STA 10+00 – STA 14+61	461	461				461
CROSS DRAIN						
S.E. RADII C&G			415			
N.E. RADII C&G			411			
LITTLE BEARSKIN ROAD						
STA 9+66 – STA 13+80	414	414				414
CROSS DRAIN						
S.E. RADII C&G			77			
N.E. RADII C&G			69			
WARBONNET LANE						
STA 10+00 – STA 12+72	272	272				272
CROSS DRAIN						
S.E. RADII C&G			89			
N.E. RADII C&G			58			
CLEARVIEW COURT						
STA 10+15 – STA 14+17	402	402				402
CROSS DRAIN						
S.W. RADII C&G			58			
N.W. RADII C&G			90			
S. BLUE LAKE ROAD						
STA 10+00 – STA 12+57	257	257				257
CROSS DRAIN						
S.E. RADII C&G			250			
N.E. RADII C&G			248			
TOTAL	30,886	30,886	1,912	1	1	30,886

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EROSION CONTROL CATEGORY 10 LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENCE LF	628.1905 MOBILIZATIONS FOR EROSION CONTROL EA	628.1910 MOBILIZATIONS FOR EMERGENCY EROSION CONTROL EA	628.2002 EROSION MAT CLASS I TYPE A SY	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	628.2023 EROSION MAT CLASS II TYPE B SY	628.7504 TEMPORARY DITCH CHECKS LF	628.7570 ROCK BAGS EA	628.7555 CULVERT PIPE CHECKS EA
PROJECT										
PHASE 1			10	6						
PHASE 2			10	6						
PHASE 1-NB FORESLOPE	1667				5754	9625	0	350	68	
PHASE 1-SB FORESLOPE	2244				10344	20165	270	613	119	
PHASE 1-TEMPORARY NB DITCH					0	7112	1867	0	1670	
PHASE 2-NB FORESLOPE	1810				11372	5390	0	750	85	
PHASE 2-SB FORESLOPE	2713				11896	15160	14350	838	136	
PHASE 2-TEMPORARY NB DITCH					0	10667	1067	0	970	
PHASE 1-TEMPORARY CULVERTS										12
PHASE 2-TEMPORARY CULVERTS										10
PHASE 1-MAINLINE CULVERTS										22
PHASE 2-MAINLINE CULVERTS										19
PHASE 1-SIDE ROAD CULVERTS										9
PHASE 2-SIDE ROAD CULVERTS										9
PHASE 1-PRIVATE/COMMERCIAL DRIVES										19
PHASE 2-PRIVATE/COMMERCIAL DRIVES										63
UNDISTRIBUTED	2109	12651			9842	17030	4389	638	762	41
PHASE 1 TOTAL	3911	23466			16098	36902	2137	963	1857	62
PHASE 2 TOTAL	4523	27138			23268	31217	15417	1588	1191	101
TOTAL	10543	63255	20	12	49208	85149	21943	3189	3810	204

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SECTION CORNER MONUMENTS
CATEGORY 10

STATION	LOCATION		621.0100 LANDMARK REFERENCE MONUMENTS EACH	SPV.0060.01 REESTABLISH SECTION CORNER MONUMENTS EACH
850+23.47	1.44' RT	NE CORNER SEC 22 T37N-R6E	4	1
877+72.52	65.14' RT	E 1/4 SEC 15 T37N-R6E	4	1
		TOTAL	8	2

REMOVING PAVEMENT MARKINGS
CATEGORY 10

STA	-	STA	LOCATION	646.0600 LF
843+00	-	1130+00	EXISTING CENTERLINE	37,400
843+00	-	1133+00	EXISINT NB EDGELINE	29,000
887+00	-	951+00	EXISTING PASSING LANE DASHES	1,600
1045+00	-	1094+00	EXISTING PASSING LANE DASHES	1,225
TOTAL				69,225

PAVEMENT MARKING EPOXY 8-INCH

STATION	TO	STATION	LOCATION	646.0126 CHANNELIZING WHITE LF
PROJECT				
1128+11	-	1130+02	RIGHT TURN LANE	191
TOTAL				191

LANDSCAPING
CATEGORY 10

LOCATION	625.0100 TOPSOIL (SY)	627.0200 MULCHING (SY)	629.0210 FERTILIZER TYPE B (CWT)	630.0120 SEEDING MIXTURE #20 (LB)	630.0130 SEEDING MIXTURE #30 (LB)	630.0140 SEEDING MIXTURE #40 (LB)	630.0200 SEEDING TEMPORARY (LB)	631.0200 SOIL STABILIZER TYPE B (ACRE)
PHASE 1	166,875	142,021	110	1,680	2,025	123	5,388	7
PHASE 2	180,781	153,857	119	1,819	2,194	134	5,837	6
TOTAL	347,656	295,878	229	3,499	4,219	257	11,225	13

TEMPORARY PAVEMENT MARKING
CATEGORY 10

LOCATION	649.0402 PAINT 4-INCH WHITE LF	649.0402 PAINT 4-INCH YELLOW LF	649.1400 STOP LINE REMOVABLE TAPE 24-INCH LF
PHASE 1 - STAGE 2	26,256	25,990	
PHASE 1 - STAGE 5	28,636	28,632	
PHASE 2 - STAGE 2	14,050	14,122	
PHASE 2 - STAGE 4	26,307	26,314	
PHASE 1 - STAGE 5	27,250	27,250	
PHASE 2 - STAGE 4	30,350	30,350	
SIGNALIZED LANE CLOSURES			96
	152,849	152,658	
TOTAL	305,507		96

SNOWMOBILE CROSSINGS
CATEGORY 10

SPV.0180.04 PROTECTIVE THERMOPLASTIC COATING AT SNOWMOBILE TRAIL CROSSING

LOCATION	SY
OAK RIDGE ROAD INTERSECTION	117
TOTAL	117

*LOCATION IS APPROXIMATE, EXACT LOCATION TO BE DETERMINDED IN FIELD BY PROJECT ENGINEER

PAVEMENT MARKING
CATEGORY 10

STATION	TO	STATION	LOCATION	648.0100 LOCATING NO-PASSING ZONES MI	646.0106 PAVEMENT MARKING EPOXY 4-INCH (YELLOW) LF	646.0106 PAVEMENT MARKING EPOXY 4-INCH (WHITE) LF	646.0406 PAVEMENT MARKING SAME DAY EPOXY 4-INCH (YELLOW) LF
PROJECT				5.45			
847+00	-	1135+00	EDGE LINES			56,145	
857+00	-	970+00	NB PASSING LANE SKIPS			2,825	
988+00	-	1092+84	SB PASSING LANE SKIPS			2,621	
850+00	-	857+00	NB TAPER			175	
970+00	-	977+00	NB TAPER			175	
1092+84	-	1097+58	SB TAPER			119	
981+00	-	988+00	SB TAPER			175	
847+00	-	977+00	NB CENTERLINE SOLID		13,000		13,000
984+73	-	1011+93	NB CENTERLINE SOLID		2,720		2,720
1020+53	-	1040+73	NB CENTERLINE SOLID		2,020		2,020
1054+73	-	1075+53	NB CENTERLINE SOLID		2,080		2,080
1080+53	-	1116+93	NB CENTERLINE SOLID		3,640		3,640
977+00	-	984+73	NB CENTERLINE SKIPS		194		194
1011+93	-	1020+53	NB CENTERLINE SKIPS		215		215
1040+73	-	1054+73	NB CENTERLINE SKIPS		350		350
1075+53	-	1080+53	NB CENTERLINE SKIPS		125		125
1116+93	-	1133+27	NB CENTERLINE SKIPS		409		409
1133+00	-	1117+60	SB CENTERLINE SOLID		1,540		1,540
1097+58	-	981+00	SB CENTERLINE SOLID		11,658		11,658
936+80	-	917+40	SB CENTERLINE SOLID		1,940		1,940
905+40	-	889+20	SB CENTERLINE SOLID		1,620		1,620
1117+60	-	1097+58	SB CENTERLINE SKIPS		501		501
981+00	-	936+80	SB CENTERLINE SKIPS		1,105		1,105
917+40	-	905+40	SB CENTERLINE SKIPS		300		300
889+20	-	847+00	SB CENTERLINE SKIPS		1,055		1,055
Total					44,472	62,235	
				5.45	**106,707**		**44,472**

TRAFFIC CONTROL	643.0200 SURVEILLANCE & MAINTENANCE	643.0300 TRAFFIC CONTROL DRUMS	603.8000 CONC BARRIER TEMP PRECAST DELIVERED	603.8125 CONC BARRIER TEMP PRECAST INSTALLED	643.0420 BARRICADES TYPE III	WARNING LIGHTS 643.0705 TYPE A	WARNING LIGHTS 643.0715 TYPE C	SPV.0105.** TEMPORARY TRAFFIC SIGNALS	643.0800 ARROW BOARDS	643.1050 SIGNS PCMS	643.0900 SIGNS	661.0300 GENERATORS	
LOCATION	DAYS	DAYS	LF	LF	DAYS	DAYS	DAYS	(LOCATION) LS	DAYS	DAYS	DAYS	DAYS	DAYS
PROJECT													
ADVANCED WARNING	121										7808		488
SOUTH PROJECT LIMIT TO MATCH POINT													
STAGE 1	9	666		0.0			180			32	18		9
STAGE 2	75	9900	3,900.0	3,900.0			1,725			150	450		75
STAGE 3	7	868	962.5	962.5	7		98	1		14	126	7	7
STAGE 4	7	868	862.5	862.5	7		98	1		14	126	7	7
STAGE 5	55	8690	537.5	537.5			1,430			110	55		55
STAGE 6	19	3040					323			38	19		19
MATCH POINT TO NORTH PROJECT LIMIT													
STAGE 1	7	1015					322			28	14		7
STAGE 2	97	11252	10,887.5	10,887.5			5,917			194	1,358		97
STAGE 3	7	896	262.5	887.5	14		490	2		14	168	14	7
STAGE 4	48	7440	2,075.0	2,075.0			1,152			96	96		48
STAGE 5	7	336					273			14			7
STAGE 6	29	1827					928			58	29		29
STA 902+80 CULVERT REPLACEMENT													
STAGE 1 – STA 887+50 – 906+30		35											1
STAGE 2 – STA 887+50 – 910+25		35											1
STA 925+25 CULVERT REPLACEMENT								1					
STAGE 1 – STA 887+50 – 951+45		231	525.0	525.0	9	12	39		3		63	3	3
STAGE 2 – STA 887+50 – 951+45		210		387.5	9	12	30		6		63	3	3
STA 942+90 CULVERT REPLACEMENT								1					
STAGE 1 – STA 930+30 – 945+50		150	375.0	375.0	9	12	30		6		66	3	3
STAGE 2 – STA 929+80 – 945+00		186	125.0	500.0	9	12	51		3		63	3	3
STA 957+40 CULVERT REPLACEMENT													
STAGE 1 – STA 953+90 – 963+85		35											1
STAGE 2 – STA 950+95 – 960+90		35											1
STA 975+90 CULVERT REPLACEMENT													
STAGE 1 – STA 969+45 – 979+40		35											1
STAGE 2 – STA 972+40 – 982+35		35											1
STA 989+16 CULVERT REPLACEMENT													
STAGE 1 – STA 982+65 – 992+60		35											1
STAGE 2 – STA 985+60 – 995+55		35											1
STA 1026+23 RCP REPLACEMENT								1					
STAGE 1 – STA 1023+10 – STA 1028+40		60	375.0	375.0	3		30				42	3	3
STAGE 2 – STA 1023+60 – STA 1028+90		60		375.0	3		30				42	3	3
STAGE 3 – STA 1023+10 – STA 1028+40		60		375.0	3		30				42	3	3
STA 1053+26 CULVERT REPLACEMENT													
STAGE 1 – STA 1050+40 – 1069+95		35											1
STAGE 2 – STA 1047+45 – 1067+30		35											1
UNDISTRIBUTED (10%)		4,811	2,089.0	2,303.0	8	5	1,318				284		
TOTAL	488	52,916	22,976.5	25,328.0	81	53	14,494	7	18	762	10,932	49	

NOTE: ALL CONCRETE BARRIER TEMPORARY PRE-CAST INSTALLED IS TO BE PINNED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

3

PERMANENT SIGNING

CATEGORY 10

SIGNING

STATION	LOCATION	SIGN #	SIGN CODE	SIZE IN x IN	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.2102 MOVING SIGNS TYPE II EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	637.2210 SIGNS REFLECTIVE H TYPE II SF	637.2230 SIGNS REFLECTIVE F TYPE II SF	634.0616 WOOD POSTS 4X6 INCH 16 F00T EACH	634.0620 WOOD POSTS 4X6 INCH 20 F00T EACH	MOUNT ON SAME POST AS SIGN #	DESCRIPTION	COMMENTS
797+20	RT	1	R4-51	36x48					12.00		1			Passing Lane Ahead 1 Mile	
823+60	RT	2	R4-51	36x48					12.00		1			Passing Lane Ahead 1/2 Mile	
845+00	LT	3	W14-3	48x36						6.00	1			NPZ	
850+00	RT	4	R4-3	24x30					5.00		1			Slower Traffic Keep Right	
861+50	RT	5	R4-51		1	1								Passing Lane Ahead 1/2 Mile	
876+81	LT	6	W14-3		1	1								NPZ	
885+26	RT	7	R4-3		1	1								Slower Traffic Keep Right	
889+20	LT	8	R4-53	54x54					20.25			2		Do Not Pass When Oncoming Traffic in Either Lane	
903+60	RT	9	S3-1	30x30	1	1				6.25	1			Ahead- Stop When School Bus Flashing Lights	
904+00	RT	10	D1-1	120x15	1	2			12.50		2			Jackson Heights Rd (RA)	
905+54	RT	11	W14-3	48x36						6.00	1			NPZ	
905+54	LT	12	R4-1	24x30					5.00		1			Do Not Pass	
913+63	RT	13	R1-1	30x30	1	1			5.18		1			Stop Sign on Jackson Heights Road	
916+80	LT	14	R1-1	30x30			1	1						Stop Sign on Cottage Inn Drive	
917+40	LT	15	R4-53	54x54					20.25			2		Do Not Pass When Oncoming Traffic in Either Lane	
924+00	LT	16	D1-1	120x15	1	2			12.50		2			Jackson Heights Road (LA)	
928+41	LT	17	W8-70		1	1								Centerline Rumble Strips	
928+41	LT	18	W57-51		1	0								Next 3 Miles	
930+52	RT	19	D1-1	90x15	1	2			9.38		2			Oak Ridge Road (RA)	
932+63	RT	20	W8-70		1	1								Centerline Rumble Strips	
932+63	RT	21	W57-51		1	0								Next 4 Miles	
933+16	LT	22	W9-1R		1	0								Right Lane Ends	
			SUB TOTAL		13	13	1	1	114.06	18.25	14	4			

3

SIGNING

STATION	LOCATION	SIGN #	SIGN CODE	SIZE IN x IN	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.2102 MOVING SIGNS TYPE II EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	637.2210 SIGNS REFLECTIVE H TYPE II SF	637.2230 SIGNS REFLECTIVE F TYPE II SF	634.0616 WOOD POSTS 4X6 INCH 16 F00T EACH	634.0620 WOOD POSTS 4X6 INCH 20 F00T EACH	MOUNT ON SAME POST AS SIGN #	DESCRIPTION	COMMENTS
933+16	LT	23	R3-72		1	1								Oncoming Traffic Uses Center Lane	
935+27	RT	24	W9-1R		1	1								Right Lane Ends	
936+86	RT	25	R1-1	30x30	1	1			5.18		1			Stop Sign on Oak Ridge Road	
937+00	RT	26	W14-3	48x36					6.00		1			NPZ	
937+00	LT	27	R4-1	24x30					5.00		1			Do Not Pass	
937+91	RT	28	D7-54	48x36	1	1			12.00		1			Boat Landing 1/2 Mile	
940+55	RT	29	W4-2R		1	1								Merging Traffic- Diamond	
940+55	LT	30	W4-2R		1	1			56.00					Merging Traffic- Diamond	
941+61	LT	31	D1-1	90x15	1	2			9.38		2			Oak Ridge Road (LA)	
950+40	LT	32	R4-53	54x54					20.25			2		Do Not Pass When Oncoming Traffic in Either Lane	
951+11	LT	33	R3-72		1	1								Oncoming Traffic Uses Center Lane	
956+00	RT	34	D1-1	114x15	1	2			11.88		2			Little Bearskin Road (RA)	
960+50	RT	35	W9-1R	36x36						9.00	1			Right Lane Ends	
961+67	LT	36	I55-56	30x36	1	1			7.50		1			Adopt-A-Highway	Little Bearskin Lake Assoc., Inc.
964+31	RT	37	D7-56R		1	1								Boat Landing -->	
964+82	RT	38	D7-56R	48x36					12.00		1			Boat Landing -->	
965+25	RT	39	W4-2R	36x36						9.00	1			Merging Traffic- Diamond	
965+25	LT	40	W4-2R	36x36						9.00	1			Merging Traffic- Diamond	
965+60	RT	41	R1-1		1	1								Stop Sign on Little Bearskin Road	
965+90	RT	42	R1-1	30x30	1	1			5.18		1			Stop Sign on Little Bearskin Road	
966+95	LT	43	D7-56L	48x36	1	1			12.00		1			Boat Landing <--	
967+48	RT	44	I55-56		1	1								Adopt-A-Highway	Peace Lutheran Church Thrivent-Lions
			SUB TOTAL		15	17	0	0	162.37	27.00	15	2			

SIGNING

STATION	LOCATION	SIGN #	SIGN CODE	SIZE IN x IN	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.2102 MOVING SIGNS TYPE II EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	637.2210 SIGNS REFLECTIVE H TYPE II SF	637.2230 SIGNS REFLECTIVE F TYPE II SF	634.0616 WOOD POSTS 4X6 INCH 16 F00T EACH	634.0620 WOOD POSTS 4X6 INCH 20 F00T EACH	MOUNT ON SAME POST AS SIGN #	DESCRIPTION	COMMENTS
970+57	RT	45	I55-56	30x36					7.50		1			Adopt-A-Highway	Peace Lutheran Church Thrivent-Lions
976+00	LT	46	D1-1	114x15	1	2			11.88		2			Little Bearskin Road (LA)	
977+00	LT	47	R4-53	54x54					20.25			2		Do Not Pass When Oncoming Traffic in Either Lane	
978+04	RT	48	W14-3		1	1								NPZ	
981+00	RT	49	R3-72	30x36					7.50		1			Oncoming Traffic Uses Center Lane	
986+86	LT	50	W14-3		1	1								NPZ	
991+77	LT	51	D7-54	48x36	1	1			12.00		1			Boat Landing 1/2 Mile	
992+75	RT	52	W4-2R	36x36						9.00	1			Merging Traffic- Diamond	
992+75	LT	53	W4-2R	36x36						9.00	1			Merging Traffic- Diamond	
997+50	LT	54	W9-1R	36x36						9.00	1			Right Lane Ends	
1025+00	LT	55	W14-3		1	1								NPZ	
1027+14	RT	56	W54-54	30x30	1	1								Theater Entrance	
1027+14	RT	57	W14-3		1	0								NPZ	
1030+83	RT	58	R3-72		1	1								Oncoming Traffic Uses Center Lane	
1040+73	RT	59	R4-53	54x54					20.25			2		Do Not Pass When Oncoming Traffic in Either Lane	
1044+03	RT	60	R3-72		1	1								Oncoming Traffic Uses Center Lane	
1045+10	LT	61	W54-54	30x30	1	1								Theater Entrance	
1048+00	RT	62	D1-1	90x15					9.38		2			Warbonnet Ln (RA)	
1054+07	RT	63	W4-2R		1	1								Diamond- Merging Lane	
1054+07	LT	64	W4-2R		1	1								Diamond- Merging Lane	
			SUB TOTAL		12	12	0	0	88.76	27.00	10	4			

SIGNING

STATION	LOCATION	SIGN #	SIGN CODE	SIZE IN x IN	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.2102 MOVING SIGNS TYPE II EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	637.2210 SIGNS REFLECTIVE H TYPE II SF	637.2230 SIGNS REFLECTIVE F TYPE II SF	634.0616 WOOD POSTS 4X6 INCH 16 F00T EACH	634.0620 WOOD POSTS 4X6 INCH 20 F00T EACH	MOUNT ON SAME POST AS SIGN #	DESCRIPTION	COMMENTS
1054+73	LT	65	W14-3	48x36						6.00	1			NPZ	
1054+73	RT	66	R4-1	24x30					5.00		1			Do Not Pass	
1058+20	RT	67	R1-1	30x30	1	1			5.18		1			Stop Sign on Warbonnet Lane	
1059+26	RT	68	W9-1R		1	1								Right Lane Ends	
1059+26	LT	69	W9-1R		1	1								Right Lane Ends	
1068+00	LT	70	D1-1	90x15					9.38		2			Warbonnet Ln (LA)	
1075+00	RT	71	D1-1	84x15					8.75		2			Clearview CT (LA)	
1077+74	LT	72	I55-56	30x36	1	1			7.50		1			Adopt-A-Highway	Peace Lutheran Church Thrivent-Lions
1082+51	RT	73	I55-56	30x36	1	1			7.50		1			Adopt-A-Highway	South Blue Lake Homeowners
1085+61	LT	74	R1-1	30x30	1	1			5.18		1			Stop Sign on Clearview Court	
1095+50	LT	75	D1-1	84x15					8.75		2			Clearview CT (RA)	
1097+28	LT	76	R4-3		1	1								Slower Traffic Keep Right	
1097+58	LT	77	R4-3	24x30					5.00		1			Slower Traffic Keep Right	
1099+93	LT	78	W14-3		1	1								NPZ	
1100+00	RT	79	R4-1	24x30					5.00		1			Do Not Pass	
1100+45	RT	80	W14-3		1	1								NPZ	
1102+56	RT	81	I3-1	50x21	1	2			7.30		2		82	Rocky Run Creek	
1102+57	RT	82	I3-1	50x21	1	0			7.30		0		81	Rocky Run Creek	
1121+00	RT	83	D1-1	102x15	1	2			10.63		2			S. Blue Lake Road (RA)	
1121+12	LT	84	R4-51		1	1								Passing Lane Ahead 1/2 Mile	
1123+76	RT	85	W14-3		1	1								NPZ	
1124+00	LT	86	D1-1	36x48					12.00		1			Passing Lane Ahead 1/2 Mile	
1131+00	RT	87	R1-1	30x30	1	1			5.18		1			Stop Sign on South Blue Lake Road	
1133+27	LT	88	W14-3	48x36	1	1				6.00	1			NPZ	
1150+40	LT	89	R4-51	36x48					12.00		1			Passing Lane Ahead 1 Mile	
			SUB TOTAL		16	17	0	0	121.65	12.00	22	0			
			GRAND TOTAL		56	59	1	1	486.84	84.25	61	10			

EARTHWORK TOTALS

Division	From/To Station	C.Y. Excavation Common 205.0100 Cut	EBS	Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
Phase 1 / Stages 1-4						
USH 51	847+50 - 983+27	104,120	7,157	179,875	18,784	18,784
COTTAGE INN DRIVE	15+00 - 16+40	82	0	231	0	0
STA 962+55 LT P.E.	0+00 - 0+77	100	0	0	0	0
STA 950+00 LT P.E.	0+13 - 0+85	5	0	106	0	0
	Subtotal	104,308	7,157	180,212	18,784	18,784
Phase 1 / Stage 5						
USH 51	847+50 - 983+27	71,571	5,551	62,831	142	142
JACKSON HEIGHTS ROAD	10+20 - 14+00	8,134	0	0	0	0
OAKRIDGE ROAD	10+20 - 15+00	3,696	0	39	0	0
LITTLE BEARSKIN TRAIL ROAD	9+80 - 14+00	11,889	0	11	0	0
	Subtotal	95,291	5,551	62,882	142	142
Phase 2 / Stages 2-3						
USH 51	983+27 - 1133+00	291,210	12,597	170,032	32,407	32,407
CLEARVIEW COURT	10+00 - 13+95	10,088	0	0	0	0
STA 999+00 LT P.E.	0+47 - 1+30	1,012	0	21	0	0
STA 1037+43 LT C.E. "B"	0+00 - 5+76	5,290	0	0	0	0
STA 1037+43 LT C.E. "C"	0+00 - 1+39	492	0	0	0	0
STA 1040+50 LT TEMPORARY C.E.	0+55 - 1+57	104	0	264	0	0
STA 1052+00 LT C.E.	0+29 - 1+41	4	0	3,435	0	0
STA 1070+00 LT P.E.	0+09 - 1+77	1,369	0	0	0	0
STA 1064+00 LT TEMPORARY P.E.	0+00 - 5+47	2,661	0	485	0	0
STA 1064+00 LT P.E.	0+00 - 2+57	4,152	0	230	0	0
STA 1129+00 LT TEMPORARY C.E.	0+00 - 2+81	1,457	0	4	0	0
	Subtotal	317,840	12,597	174,471	32,407	32,407
Phase 2 / Stages 4-5						
USH 51	983+27 - 1133+00	99,722	6,757	33,619	7	7
FROST BITE TRAIL	0+77 - 2+77	27	0	802	0	0
FROST BITE TRAIL TEMPORARY ROAD	0+00 - 4+45	679	0	1,158	0	0
WARBONNET LANE	10+10 - 13+00	1,256	0	509	0	0
S. BLUE LAKE ROAD	10+10 - 12+89	1,819	0	11	0	0
STA 998+40 RT P.E.	1+00 - 4+26	2,752	0	163	0	0
STA 1040+00 RT P.E.	0+89 - 2+42	1,372	0	0	0	0
	Subtotal	107,627	6,757	36,263	7	7
Sub-Total		625,064.82	32,062.34			
Grand Total		**657,127.16**		**453,827.27**	**51,339.34**	**51,339.34**

1) EXCAVATION COMMON = Cut + EBS, Item number 205.0100
2) Cut volume includes existing asphaltic surface material.
3) EBS Excavation to be backfilled with Cut material unless otherwise noted in plans.
4) ROADWAY EMBANKMENT = (unexpanded fill volume) + (unexpanded EBS volume)
5) MARSH BACKFILL, Item SPV.0035.02 = EXCAVATION MARSH (unexpanded volume)
6) EBS and Marsh Excavations can be backfilled with excavation common material provided that the material meets SELECT BORROW specifications.
7) Excavated marsh material can be used to build ROADWAY EMBANKMENT outside of the 1:1 slope from the subgrade shoulder point. Limit height of placement of marsh material to 8' or less in fill.
8) The **USH 51 Phase 1 / Stages 1-4** Division will require extra material to construct the ROADWAY EMBANKMENT. The contractor may obtain material for this division from the **USH 51 Phase 2 / Stages 2-3** Division, provided that the contractor maintains proper drainage and erosion control measures and does not affect USH 51 traffic within the limits of Phase 2.
9) In plan cross sections, dashed lines represent EBS excavation limits and solid lines represent marsh bottom and marsh excavation limits.

739317

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 2:36PM ON May 20, 2014 AS DOCUMENT # 739317 AND FILED IN Vol. 1 IRP page 47

Laurie D. Mayer, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.01
AMENDMENT NO:

CONTROLLED ACCESS
ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

SCHEDULE OF LANDS & INTERESTS REQUIRED

ALSO SEE SHEET	PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
				NEW	EXISTING	TOTAL	
-4.02	2	LIBERTY LAND INC.	FEE, TLE	----	2.85	2.85	0.14

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

SE - SE
SEC-15

TOWN OF CASSIAN

P.L. 40 LINE

T5 ON APPROX. 40 LINE

SIXT47 AT APPROX. 40 COR

T6 ON APPROX. 40 LINE

VARIES

VARIES

U.S.H. 51

R/L N 0°52'12" W

860

855

850

SECTION LINE

SW - SW
SEC-14

T 37 N
R 6 E
15 14 22 23

SEC74

ALUM. MONUMENT
County Coordinates
Y = 185018.912
X = 186525.556
= STA. 877+72.52 - 65.14'RT

GN

SCALE, FEET
0 100 200

TLE118
TLE117
TLE116
TLE115
TLE114
TLE113
TLE112
TLE111

15' TLE FOR SLOPE BLENDING

ERW3
ERW4

2 TAX ID. CA 206

QTR87
SET NAIL 2008
County Coordinates
Y = 183267.742
X = 186533.626
= STA. 850+23.47 - 1.44'RT

ON APPROX. SEC. LINE
PRW98

ON APPROX. SEC. LINE
PRW99

100' 100'

EXISTING C/L

PI 846+92.70
Y = 182936.990
X = 186537.212

SECTION LINE

POINT TABLE - STATION AND OUT		
POINT #	STATION	DIST.
PRW99	850+21.36	100.09'R
PRW98	850+30.12	99.91'L
TLE111	854+50.00	100.19'R
TLE112	854+50.00	115.19'R
TLE113	856+50.00	115.24'R
TLE114	856+50.00	100.24'R
TLE115	858+50.00	100.29'R
TLE116	858+50.00	115.29'R
ERW3	859+64.31	99.68'L
ERW4	859+64.44	100.32'R
TLE117	860+50.00	115.19'R
TLE118	860+50.00	100.19'R

COURSE TABLE			
FROM	TO	BEARING	DIST.
SEC74	QTR87	S 00°09'58" E	2751.18'
QTR87	SIXT47	N 00°09'58" W	1375.59'
SIXT47	T5	S 89°19'54" E	81.35'
T5	ERW4	S 00°57'23" E	432.33'
ERW4	PRW99	S 00°51'23" E	943.08'
PRW99	QTR87	N 89°38'48" W	98.68'
QTR87	PRW98	N 87°06'45" W	101.55'
PRW98	ERW3	N 00°51'23" W	934.19'
ERW3	T5	N 00°57'23" W	438.10'
T5	SIXT47	S 89°12'06" E	118.73'

R-6-E (NOT TO SCALE)

T-38-N
T-37-N

HAZELHURST
CASSIAN
Karubashing L.
Katherine L.
Foster L.
Round L.
Kashaw L.
Dragout L.
Myrtle L.
Garth L.
Blue L.
Lost L.
Bearskin L.
Rocky Run
Christian L.
Hart L.
Currie
Partridge Cr.
Oak Ridge Rd
Cranberry Rd
Rocky Run Rd
Bear Skin Rd
Lake Rd
Rocky Run
51
D
Y

SHEET LOCATION

PROJECT LOCATION

R-6-E (NOT TO SCALE)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-D / DJN T895	1932

CONVENTIONAL ABBREVIATIONS

ACCESS POINT / DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMAINING	REM.		
ACRES	AC.	RIGHT-OF-WAY	R/W	R/W MONUMENT	
AND OTHERS	ET.AL.	SECTION	SEC.	R/W STAMDARD	
CENTERLINE	C/L	STATION	STA.	SIGN	
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER MONUMENT	
CORNER	COR.	VOLUME	V.	SECTION CORNER SYMBOL	
DOCUMENT	DOC.				
EASEMENT	EASE.	CURVE DATA		FEE (HATCH VARIES)	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LCH	TEMPORARY LIMITED EASEMENT	
LAND CONTRACT	LC	LONG CHORD BEARING	LCB	PERMANENT LIMITED EASEMENT	
MONUMENT	MON.	RADIUS	R		
PAGE	P.	DEGREE OF CURVE	D	R/W BOUNDARY POINT	
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA	PARCEL NUMBER	
PROPERTY LINE	PL	LENGTH OF CURVE	L	SIGN NUMBER	
RECORDED AS	(RDD)	TANGENT	TAN	(OFF PROPOSED BUILDING)	
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

W (VALUES NOTED)	PROPOSED R/W LINE
	EXISTING H.E. LINE
● -(SET)	PROPERTY LINE
▲ -(SET)	LOT & TIE LINES
ISIGN	SLOPE INTERCEPTS
	CORPORATE LIMITS
	ACCESS RESTRICTED (BY PREVIOUS ACQUISITION/CONTROL)
	ACCESS RESTRICTED (BY ACQUISITION)
	NO ACCESS (BY STATUTORY AUTHORITY)
W-0+00.00	SECTION LINE
	QUARTER LINE
	SIXTEENTH LINE
	EXISTING CENTERLINE
	PROPOSED REFERENCE LINE
	PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES	OH	
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	STR	
	NON COMPENSABLE	COMPENSABLE
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL	X	X
ELECTRIC TOWER	⊠	

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095, WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

JEFFREY T. BROCK — Jeffrey T. Brock — 5-15-2014
PRINTED NAME — SIGNATURE — DATE

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

BRENT L. STELLA — Brent L. Stella — 5-15-14
PRINTED NAME — SIGNATURE — DATE

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.01

PART OF THE SW-SW OF SECTION 14, TOWNSHIP 37 NORTH, RANGE 6 EAST, TOWN OF CASSIAN, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_11771100ec\040401_rp.dgn
APPRAISAL PLAT DATE : 12-19-2013
PLOT DATE : 15-MAY-2014 07:12 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	224	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

739318

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 2:36PM ON May 20, 2014 AS DOCUMENT # 739318 AND FILED IN Vol. 1 TPP page 48

Dawn M. Mrozek, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.02
AMENDMENT NO:

SCHEDULE OF LANDS & INTERESTS REQUIRED

ALSO SEE SHEET ...-4.27	PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED NEW	EXISTING	TOTAL	TLE AREA
-4.01	2	LIBERTY LAND INC.	FEE, TLE	0.22	2.27	2.49	0.07
	130	ROLAND FIR TIMBERLANDS, LLC	FEE, TLE	0.47	4.04	4.51	0.12
					------		------

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

COURSE TABLE			
FROM	TO	BEARING	DIST.
OTR87	SEC74	N 00°09'58" W	2751.18'
SEC74	T100	S 89°05'39" E	62.38'
T100	PRW4	S 00°57'23" E	568.85'
PRW4	PRW3	S 23°12'48" E	107.74'
PRW3	PRW2	S 02°16'19" E	101.03'
PRW2	PRW1	S 14°53'30" W	157.93'
PRW1	T6	S 00°57'23" E	454.25'
T6	SIXT47	N 89°19'54" W	81.35'
SIXT47	T5	N 89°12'06" W	118.73'
T5	PRW5	N 00°57'23" W	894.11'
PRW5	PRW6	N 12°34'06" W	304.24'
PRW6	T101	N 02°59'30" W	178.61'
T101	SEC74	N 88°42'32" E	205.24'

NE-SE
SEC-15

TOWN OF CASSIAN

NW-SW
SEC-14

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

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DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT, DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	RGR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMAINING	REM.	R/W MONUMENT	
ACRES	AC.	RIGHT-OF-WAY	R/W	R/W STANDARD	
AND OTHERS	ET.AL.	SECTION	SEC.	SIGN	
CENTERLINE	C/L	STATION	STA.	SECTION CORNER MONUMENT	
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER SYMBOL	
CORNER	COR.	VOLUME	V.		
DOCUMENT	DOC.			FEE, BATCH VARIES)	
EASEMENT	EASE.	CURVE DATA		TEMPORARY LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LCH	PERMANENT LIMITED EASEMENT	
LAND CONTRACT	LC	LONG CHORD BEARING	LCB	R/W BOUNDARY POINT	
MONUMENT	MON.	RADIUS	R	PARCEL NUMBER	
PAGE	P.	DEGREE OF CURVE	D	SIGN NUMBER	
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA	(OFF PREMISES)	
PROPERTY LINE	PL	LENGTH OF CURVE	L	BUILDING	
RECORDED AS	DOC#)	TANGENT	TAN		
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE
EXISTING R.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
ACCESS RESTRICTED (BY PREVIOUS ACQUISITION) (CONTROL)
ACCESS RESTRICTED (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

WATER
GAS
TELEPHONE
OVERHEAD TRANSMISSION LINES
ELECTRIC
CABLE TELEVISION
FIBER OPTIC
SANITARY SEWER
STORM SEWER

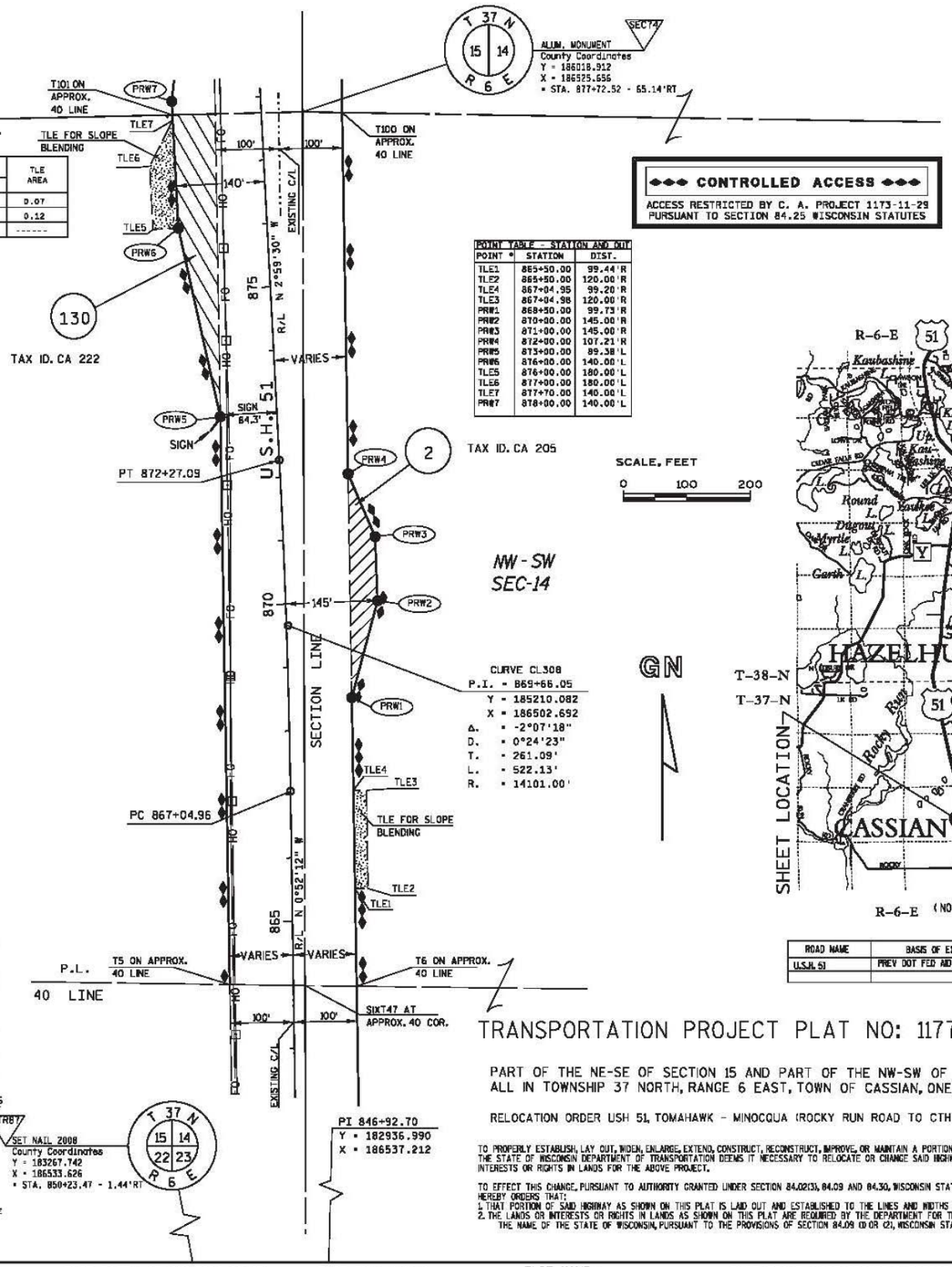
	NON COMPENSABLE	COMPENSABLE
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		
ELECTRIC TOWER		

I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095, WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

JEFFREY T. BROCK — PRINTED NAME
Jeffrey T. Brock — SIGNATURE
5-14-2014 — DATE

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

BRENT L. STELLA — PRINTED NAME
Brent L. Stella — SIGNATURE
5-14-14 — DATE

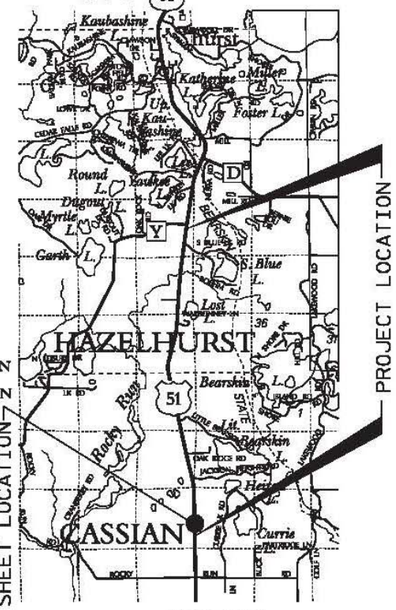


◆◆◆ CONTROLLED ACCESS ◆◆◆
ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

POINT TABLE - STATION AND OUT		
POINT #	STATION	DIST.
TLE1	865+50.00	99.44'R
TLE2	865+50.00	120.00'R
TLE4	867+04.95	99.20'R
TLE3	867+04.96	120.00'R
PRW1	868+50.00	99.73'R
PRW2	870+00.00	145.00'R
PRW3	871+00.00	145.00'R
PRW4	872+00.00	107.21'R
PRW5	873+00.00	89.38'L
PRW6	876+00.00	140.00'L
TLE5	876+00.00	180.00'L
TLE6	877+00.00	180.00'L
TLE7	877+70.00	140.00'L
PRW7	878+00.00	140.00'L

SCALE, FEET
0 100 200

R-6-E (NOT TO SCALE)



R-6-E (NOT TO SCALE)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-D / DJN 7895	1932

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.02

PART OF THE NE-SE OF SECTION 15 AND PART OF THE NW-SW OF SECTION 14, ALL IN TOWNSHIP 37 NORTH, RANGE 6 EAST, TOWN OF CASSIAN, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_11771100ec\040402_rp.dgn
APPRAISAL PLAT DATE : 12-19-2013
PLOT DATE : 13-MAY-2014 11:42
PLOT BY : dotgnt
PLOT NAME :
PLOT SCALE : 100.000000:1.000000

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	225	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

739319

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 2:20 PM ON May 22 2014 AS DOCUMENT # 739319 AND FILED IN Vol. 1 TRP page 49

Laura L. Meyer, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.03
AMENDMENT NO:

SCHEDULE OF LANDS & INTERESTS REQUIRED

ALSO SEE SHEET	PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
				NEW	EXISTING	TOTAL	
-4.77	1	NORTHEAST ASPHALT INC.	FEE, TLE	1.23	4.63	5.86	0.31
-4.04					------		------
					------		------

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

PRW??? PRW??? = LONG CHORD BEARING & LONG CHORD DIST OF CURVE

COURSE TABLE			
FROM	TO	BEARING	DIST.
SEC61	SEC74	S 00°10'29" E	2751.06'
SEC74	T101	S 88°42'32" W	205.24'
T101	PRW7	N 02°59'30" W	21.39'
PRW7	PRW8	N 06°16'21" E	248.47'
*PRW8	PRW9*	N 02°09'19" W	414.55'
PRW9	PRW10	N 03°23'02" E	243.94'
PRW10	T102	N 01°19'08" W	438.58'
T102	PROP3043	N 85°15'05" E	186.84'
PROP3043	ERW25	S 89°08'58" E	43.66'
ERW25	PRW115	S 00°57'23" E	945.53'
PRW115	T100	S 00°57'23" E	430.43'
T100	SEC74	N 89°05'39" W	62.38'
ERW25	PROP2	S 89°08'58" E	1.68'

PROPOSED RIGHT-OF-WAY CURVE TABLE					
Curve no. OR From - To	Radius	Delta	Arc Length	Chord Bearing	Chord Length
PRW8 PRW9	14200.00'	01°40'22"	414.57'	N 02°09'19" W	414.55'

TOWN OF CASSIAN

TAX ID. CA 213

SE - NE SEC-15

SW - NW SEC-14

U.S.H. 51

R/L N 1°19'08" W

EXISTING R/L

SECTION LINE

EXISTING C/L

R/L N 2°59'30" W

T102 ON APPROX. 40 LINE

40 LINE P.L.

PROP3043

PROP2

ERW25

PRW115

PRW10

PRW9

PRW8

PRW7

PRW6

T101 ON APPROX. 40 LINE P.L.

T100 ON APPROX. 40 LINE

TLE62
TLE61
TLE78
TLE79
TLE83
TLE82
TLE81
TLE80
TLE8
TLE85
TLE35
TLE11
TLE10
TLE9
TLE8

25'TLE FOR SLOPE BLENDING

10'TLE FOR SLOPE BLENDING

TLE FOR SLOPE BLENDING

990
885
880
875

100'
80'

PT 884+56.88

VARIES

PC 880+45.23

SIGN

CURVE CL309
P.I. = 882+51.07
Y = 186493.405
X = 186435.625
Δ. = 1°40'22"
D. = 0°24'23"
T. = 205.84'
L. = 411.65'
R. = 14100.00'

T 37 N
10 11
15 14
R 6 E

SEC61

ALUM. MONUMENT
County Coordinates
Y = 188769.958
X = 186517.272
- STA. 905+25.11 - 134.02'RT

T 37 N
15 14
R 6 E

SEC74

ALUM. MONUMENT
County Coordinates
Y = 185018.912
X = 185525.655
- STA. 877+72.52 - 65.14'RT

EXISTING MONUMENTS			
POINT NUMBER	DESCRIPTION	(Y)	(X)
PROP3043	1"IP	187394.336	186521.416
PROP2	1"IP	187393.665	186566.744

CONTROLLED ACCESS

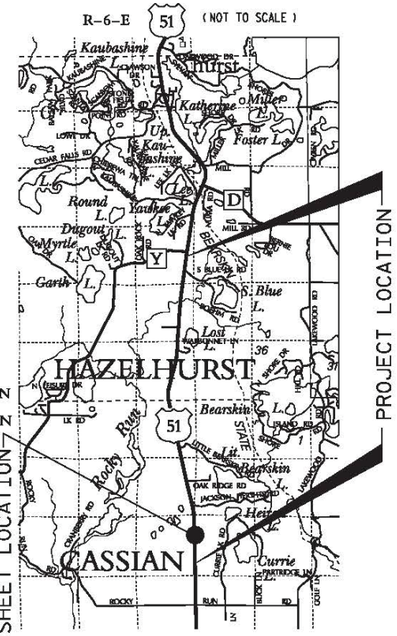
ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

POINT TABLE - STATION AND OUT		
POINT *	STATION	DIST.
PRW7	878+00.00	140.00'L
PRW8	880+45.23	100.00'L
PRW115	882+00.00	141.83'R
PRW9	884+56.88	100.00'L
PRW10	887+00.00	80.00'L
PROP2	891+48.04	151.80'R
ERW25	891+48.11	150.13'R
PROP3043	891+49.76	106.50'R
TLE8	881+00.00	100.00'L
TLE9	881+50.54	155.00'L
TLE10	882+49.46	155.00'L
TLE11	882+49.65	100.00'L
TLE35	884+56.88	110.03'L
TLE85	885+00.00	98.26'L
TLE84	886+00.00	88.23'L
TLE80	887+50.00	80.00'L
TLE81	887+50.00	105.00'L
TLE83	888+50.00	80.00'L
TLE82	888+50.00	105.00'L
TLE79	889+50.00	80.00'L
TLE78	889+50.00	105.00'L
TLE62	890+50.00	80.00'L
TLE61	890+50.00	105.00'L

SCALE, FEET
0 100 200

GN

R-6-E (NOT TO SCALE)



R-6-E (NOT TO SCALE)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-D / DJN 7895	1932

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT, DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMAINING	REM.		
ACRES	AC.	RIGHT-OF-WAY	R/W	R/W MONUMENT	
AND OTHERS	ET.AL.	SECTION	SEC.	R/W STANDARD	
CENTERLINE	C/L	STATION	STA.	SIGN	
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER MONUMENT	
CORNER	COR.	VOLUME	V.	SECTION CORNER SYMBOL	
DOCUMENT	DOC.			FEE (HATCH VARIES)	
EASEMENT	EASE.	CURVE DATA		TEMPORARY LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LCH	PERMANENT LIMITED EASEMENT	
LAND CONTRACT	LC	LONG CHORD BEARING	LCB	R/W BOUNDARY POINT	
MONUMENT	MON.	RADIUS	R	PARCEL NUMBER	
PAGE	P.	DEGREE OF CURVE	D	STION NUMBER (OFF PREMISE)	
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA	BUILDING	
PROPERTY LINE	PL	LENGTH OF CURVE	L		
RECORDED AS	(DOC)	TANGENT	TAN		
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE
EXISTING H.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
ACCESS RESTRICTED (BY PREVIOUS ACQUISITION/CONTROL)
ACCESS RESTRICTED (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

	NON COMPENSABLE	COMPENSABLE
WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES	OH	
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		
ELECTRIC TOWER		

I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095, WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

JEFFREY T. BROCK — Jeffrey T. Brock — 5-14-2014
PRINTED NAME — SIGNATURE — DATE

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

BRENT L. STELLA — Brent L. Stella — 5-14-14
PRINTED NAME — SIGNATURE — DATE

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.03

PART OF THE SE-NE OF SECTION 15, TOWNSHIP 37 NORTH, RANGE 6 EAST, TOWN OF CASSIAN, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_11771100ec\040403_rp.dgn PLOT DATE : 13-MAY-2014 11:42 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000
APPRAISAL PLAT DATE : 12-19-2013

4

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	226	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

739320

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 2:30PM ON May 22, 2014 AS DOCUMENT # 739320 AND FILED IN Vol. 1 TRP page 52

Laura L. Mayo Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.04
AMENDMENT NO:

T 37 N 10 15 R 6 E — ALUM. MONUMENT, County Coordinates Y = 188394.660, X = 183908.002

T 37 N 10 11 15 14 R 6 E — ALUM. MONUMENT, County Coordinates Y = 188769.958, X = 186517.272 = STA. 905+25.11 - 134.02'RT

SECTION LINE

P.L.

PC 905+53.95

T103 ON SEC. LINE

T150 ON SEC. LINE

CONTROLLED ACCESS
ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

SCHEDULE OF LANDS & INTERESTS REQUIRED

ALSO SEE SHEET ...-4.22	PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED NEW	EXISTING	TOTAL	TLE AREA
-4.03	1	NORTHEAST ASPHALT INC.	FEE, TLE	1.37	5.21	6.58	0.24
					------		------
					------		------

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

EXISTING MONUMENTS			
POINT NUMBER	DESCRIPTION	(Y)	(X)
PROP3043	1"IP	187394.338	186521.416
PROP2	1"IP	187393.665	186566.744
PROP1	1"IP	188662.770	186544.590
PROP3	1"IP	187706.417	186561.130
PROP6	3"IP	187855.878	186558.374
PROP7	1/2"IP	188204.415	186551.872
PROP8	2"IP	188770.049	186539.654
PROP11	1"IP	188004.912	186555.530

PRW??? PRW??? = LONG CHORD BEARING & LONG CHORD DIST OF CURVE

COURSE TABLE			
FROM	TO	BEARING	DIST.
SEC74	SEC61	N 00°10'29" W	2751.06'
SEC60	SEC61	N 81°48'54" E	2636.12'
SEC61	T150	S 88°35'05" E	22.87'
*T150	PROP1*	S 02°23'38" E	106.72'
PROP1	PROP7	S 00°54'37" E	458.41'
PROP7	PROP2	S 01°03'03" E	810.89'
PROP2	ER#25	N 89°08'58" W	1.68'
ER#25	PROP3043	N 89°08'58" W	43.66'
PROP3043	T102	S 85°15'05" W	186.84'
T102	PRW11	N 01°19'08" W	561.42'
PRW11	PRW12	N 05°07'59" W	300.67'
PRW12	T103	N 01°19'08" W	496.93'
T103	SEC61	N 81°48'54" E	235.71'

PROPOSED RIGHT-OF-WAY CURVE TABLE					
Curve no. OR From - To	Radius	Delta	Arc Length	Chord Bearing	Chord Length
T150 PROP1	3148.23'	01°56'32"	106.72'	S 02°23'38" E	106.72'

POINT TABLE - STATION AND OUT		
POINT *	STATION	DIST.
PROP2	891+48.04	151.80'R
ER#25	891+48.11	150.13'R
PROP3043	891+49.76	106.50'R
TLE12	897+00.00	125.00'L
PRW11	897+00.00	80.00'L
PROP7	899+58.92	155.60'R
TLE13	900+00.00	125.00'L
PRW12	900+00.00	100.00'L
PROP1	904+17.32	158.87'R
PRW13	905+53.95	100.00'L

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT, DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS REMAINING	ROR REM.	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	RIGHT-OF-WAY	R/W	R/W MONUMENT	
ACRES	AC.	SECTION	SEC.	R/W STANDARD	
AND OTHERS	ET.AL.	STATION	STA.	SIGN	
CENTERLINE	C/L	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER MONUMENT	
CERTIFIED SURVEY MAP	CSM	VOLUME	V.	SECTION CORNER SYMBOL	
CORNER	COR.	CURVE DATA		FEE (WIDTH VARIES)	
DOCUMENT	DOC.	LONG CHORD	LCH	TEMPORARY LIMITED EASEMENT	
EASEMENT	EASE.	LONG CHORD BEARING	LCB	PERMANENT LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.	RADIUS	R	R/W BOUNDARY POINT	
LAND CONTRACT	LC	DEGREE OF CURVE	D	PARCEL NUMBER	
MONUMENT	MON.	CENTRAL ANGLE OR DELTA	DELTA	STON NUMBER (OFF PREMISE)	
PAGE	P.	LENGTH OF CURVE	L		
PERMANENT LIMITED EASEMENT	PLE	TANGENT	TAN		
PROPERTY LINE	PL				
RECORDED AS	(DOC#)				
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE; EXISTING H.E. LINE; PROPERTY LINE; LOT & TIE LINES; SLOPE INTERCEPTS; CORPORATE LIMITS; ACCESS RESTRICTED (BY PREVIOUS ACQUISITION/CONTROL); ACCESS RESTRICTED (BY ACQUISITION); NO ACCESS (BY STATUTORY AUTHORITY); SECTION LINE; QUARTER LINE; SIXTEENTH LINE; EXISTING CENTERLINE; PROPOSED REFERENCE LINE; PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

	NON COMPENSABLE	COMPENSABLE
WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES	OH	
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		
ELECTRIC TOWER		

I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095, WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

JEFFREY T. BROCK — Jeffrey T. Brock — 5-14-2014
PRINTED NAME — SIGNATURE — DATE

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

BRENT L. STELLA — Brent L. Stella — 5-14-14
PRINTED NAME — SIGNATURE — DATE

TOWN OF CASSIAN

1

TAX ID. CA 210

NE-NE SEC-15

NW-NW SEC-14

U.S.H. 51

TIMBER HILLS DR.

Timber Hills unrecorded plat

LOT 08 LOT 09 LOT 10 LOT 11 LOT 12 LOT 13

Timber Hills unrecorded plat

C.S.M. 2331-9-2331

PRW13 PRW12 PRW11 PROP8 PROP1 PROP7 PROP11 PROP6 PROP3 PROP2 PROP3043 ER#25 TLE13 TLE12 TLE FOR SLOPE BLENDING

900 895 80' 100' VARIES EXISTING R/L N 1°19'08" W R/L

SCALE. FEET 0 100 200

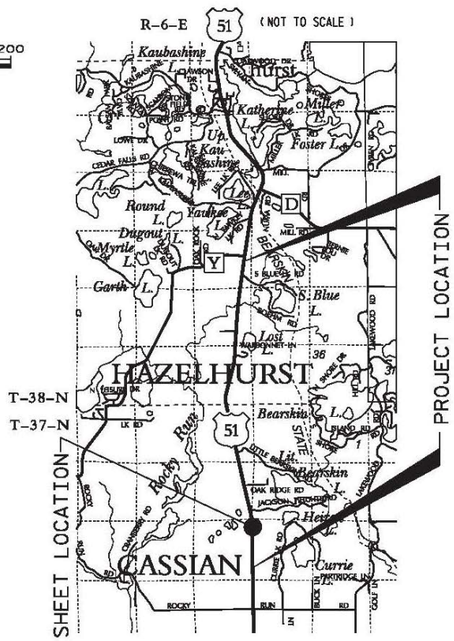
GN

40 LINE

T102 ON APPROX. 40 LINE

ALUM. MONUMENT, County Coordinates Y = 186018.912, X = 186525.656 = STA. 877+72.52 - 65.14'RT

R-6-E (NOT TO SCALE)



R-6-E (NOT TO SCALE)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-D / DJN 7895	1932

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.04

PART OF THE NE-NE OF SECTION 15, TOWNSHIP 37 NORTH, RANGE 6 EAST, TOWN OF CASSIAN, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1 OR 12), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_11771100ec\040404_rp.dgn
APPRAISAL PLAT DATE : 12-19-2013
PLOT DATE : 13-MAY-2014 11:42 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	227	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

742301

CONTROLLED ACCESS

ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 1:58PM ON August 29, 2014 AS DOCUMENT # 742301 AND FILED IN Vol. 1 TPP page 51

Laura DeMaye, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.05
AMENDMENT NO: 1

SCHEDULE OF LANDS & INTERESTS REQUIRED

ALSO SEE SHEET -4.72	PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED NEW	EXISTING	TOTAL	TLE AREA
	11	RONALD W. & JANET E. COLLINS	FEE	0.16	------	0.15	------
	12	PETER M. & SUSAN A. MILLER	FEE	0.14	------	0.14	------
	13	JAMES D. & JANET E. DIETRICH PAUL F. & MARTHA J. WEEKS	FEE, TLE	0.16	------	0.15	0.11
-4.06	14	PAUL F. & MARTHA J. WEEKS	FEE, TLE	1.04	------	1.04	0.34
	131	MATTHEW & MARGARET COFFEN	FEE	0.02	------	0.02	------

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

EXISTING MONUMENTS

POINT NUMBER	DESCRIPTION	(Y)	(X)
PROP9	2"IP	188770.049	186839.684
PROP16	2"IP	188987.089	186519.726
PROP19	2"IP	188837.875	186335.138
PROP26	1"IP W CAP	189135.160	186497.362
PROP31	2"IP	189584.257	186406.750
PROP36	2" IP	189529.445	186391.814
PROP37	2"IP	189980.640	186316.423
PROP44	1" IP	189672.705	186716.451
PROP45	1" IP	189577.106	186607.681
PROP46	1" IP	189580.091	186532.659

PROPOSED RIGHT-OF-WAY CURVE TABLE

Curve no. OR From - To		Radius	Delta	Arc Length	Chord Bearing	Chord Length
PRW13	PRW14	1940.00'	-11°18'32"	382.91'	N 06°58'24" W	382.29'
ERW12	T150	3146.23'	08°39'34"	475.61'	S 07°41'41" E	475.35'
PROP1	ERW12	3146.23'	-10°38'06"	582.53'	N 06°43'25" W	581.70'

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNERS	INTEREST REQUIRED
200	FRONTIER NORTH INC.	RELEASE OF RIGHTS

SCHEDULE OF SIGN STRUCTURES

SIGN NUMBER	SIGN OWNER	OASIS NO.
13-1	PAUL F. & MARTHA J. WEEKS JAMES D. & JANET E. DIETRICH	----

"PRW??? PRW???" - LONG CHORD BEARING & LONG CHORD DIST OF CURVE

COURSE TABLE

FROM	TO	BEARING	DIST.
SEC48	SEC61	S 01°21'35" W	2606.32'
SEC60	SEC61	N 81°48'54" E	2636.12'
SEC61	T103	S 81°48'54" W	235.71'
T103	PRW13	N 01°19'08" W	57.02'
*PRW13	PRW14*	N 06°58'24" W	382.29'
PRW14	PRW15	N 12°37'40" W	343.40'
PRW15	PRW16	N 03°32'15" W	253.18'
PRW16	PRW17	N 12°37'40" W	137.06'
PRW17	PRW22	N 12°37'40" W	115.09'
PRW22	T104	N 17°07'52" W	28.95'
T104	T105	N 85°13'54" E	219.11'
T105	PRW25	S 12°13'30" E	379.06'
PRW25	PRW26	N 85°37'09" E	217.48'
PRW26	PRW27	S 77°58'24" E	121.70'
PRW27	PRW28	S 12°41'33" W	65.26'
PRW28	PRW30	S 80°39'10" W	187.66'
PRW30	PRW31	S 67°28'43" W	113.07'
PRW31	ERW12	S 12°19'18" E	301.03'
*ERW12	T150*	S 07°41'41" E	475.35'
T150	SEC61	N 88°35'05" W	22.87'

POINT TABLE - STATION AND OUT

POINT #	STATION	DIST.
PROP1	904+17.32	158.87'R
PRW13	905+53.95	100.00'L
TLE14	903+56.60	110.00'L
PRW14	909+56.60	100.00'R
ERW12	909+70.04	149.22'R
TLE15	912+00.00	110.00'L
TLE16	912+00.00	100.00'L
PRW31	912+71.07	150.82'R
PRW15	913+00.00	100.00'L
TLE63	913+00.00	105.00'L
TLE165	914+00.00	89.00'L
TLE166	914+15.00	100.00'L
TLE167	914+50.00	100.00'L
TLE168	914+67.00	78.28'L
PRW25	914+21.62	152.06'R
PRW16	915+50.00	60.00'L
TLE64	915+90.00	55.00'L
TLE167	916+87.05	50.00'L
TLE160	917+30.01	213.05'L
PRW22	918+02.15	60.00'L
TLE161	918+26.59	187.12'L
JACKSON HEIGHTS ROAD		
PRW31	11+50.23	80.71'R
PRW25	11+52.59	69.82'L
PRW30	12+61.75	62.12'R
PRW26	13+57.62	48.72'L
PRW27	14+67.99	38.13'L
PRW28	14+70.20	28.09'R

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT, DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS REMARKING	REM.	FOUND IRON PIPE/PIN	FIP
ACCESS RIGHTS	AR	RIGHT-OF-WAY	R/W	R/W MONUMENT	
ACRES	AC.	SECTION	SEC.	R/W STANDARD	
AND OTHERS	ET.AL.	STATION	STA.	SIGN	
CENTERLINE	C/L	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER MONUMENT	
CERTIFIED SURVEY MAP	CSM	VOLUME	V.	SECTION CORNER SYMBOL	
CORNER	COR.				
DOCUMENT	DOC.			FEE (WIDTH VARIES)	
EASEMENT	EASE.			TEMPORARY LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.			PERMANENT LIMITED EASEMENT	
LAND CONTRACT	LC			R/W BOUNDARY POINT	
MONUMENT	MON.			PARCEL NUMBER	
PAGE	P.			SIGN NUMBER (OFF PREMISE)	
PERMANENT LIMITED EASEMENT	PLE			BUILDING	
PROPERTY LINE	PL				
RECORDED AS	(DOC)				
REFERENCE LINE	R/L				

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE OR DELTA	DELTA
LENGTH OF CURVE	L
TANGENT	TAN

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE
EXISTING R.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
ACCESS RESTRICTED (BY PREVIOUS ACQUISITION/CONTROL)
ACCESS RESTRICTED (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

	NON COMPENSABLE	COMPENSABLE
WATER		W
GAS		G
TELEPHONE		T
OVERHEAD TRANSMISSION LINES ELECTRIC		OH
CABLE TELEVISION		TV
FIBER OPTIC		FO
SANITARY SEWER		SAN
STORM SEWER		SS
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		
ELECTRIC TOWER		

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

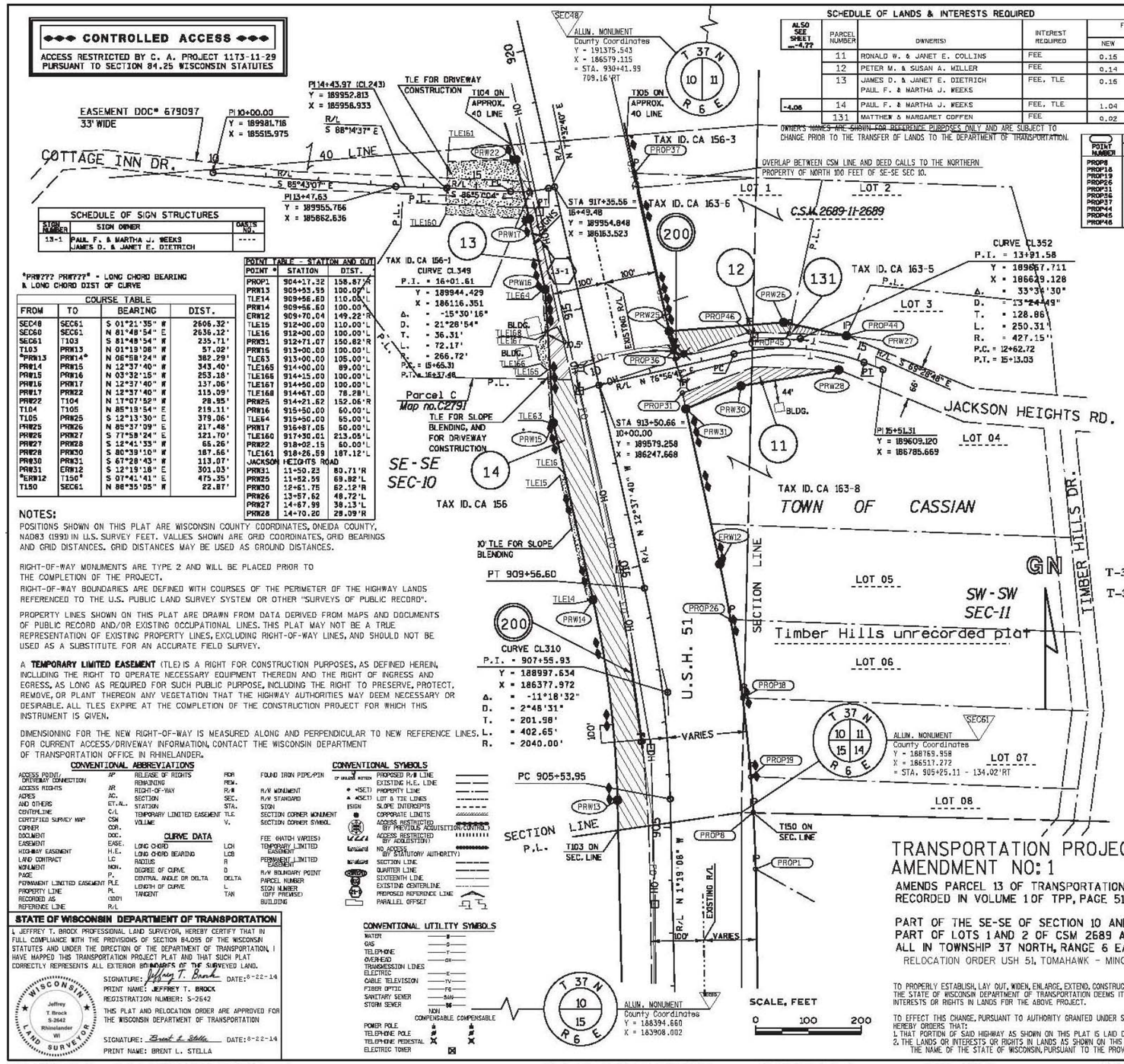
I, JEFFREY T. BROCK PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Jeffrey T. Brock DATE: 8-22-14
PRINT NAME: JEFFREY T. BROCK
REGISTRATION NUMBER: S-2642

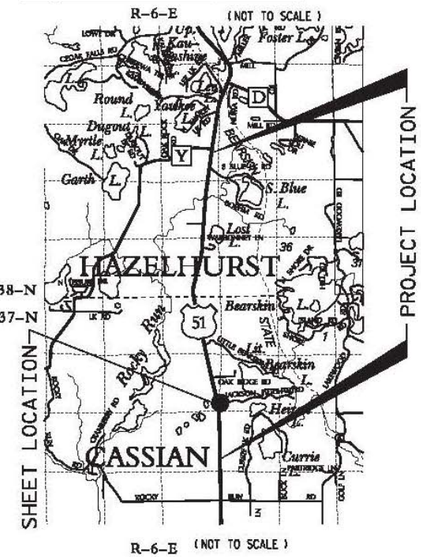
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

SIGNATURE: Brent L. Stella DATE: 8-22-14
PRINT NAME: BRENT L. STELLA

WISCONSIN — Jeffrey T. Brock S-2642 Rhinelander WI — LAND SURVEYOR



R-6-E (NOT TO SCALE)



R-6-E (NOT TO SCALE)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-0 / DJN 7895	1933

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.05 AMENDMENT NO: 1

AMENDS PARCEL 13 OF TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.05 RECORDED IN VOLUME 1 OF TPP, PAGE 51 AS DOCUMENT NO. 739321

PART OF THE SE-SE OF SECTION 10 AND PART OF THE SW-SW OF SECTION 11, PART OF LOTS 1 AND 2 OF CSM 2689 AND PART OF LOT 4 OF TIMBER HILLS UNRECORDED PLAT, ALL IN TOWNSHIP 37 NORTH, RANGE 6 EAST, TOWN OF CASSIAN, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_11771100ec\040405_rp.dgn
PLOT DATE : 22-AUG-2014 06:41
PLOT BY : dotgnt
PLOT NAME :
PLOT SCALE : 100.000000:1.000000

APPRAISAL PLAT DATE : 04-23-2014

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	228	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

739322

SCHEDULE OF LANDS & INTERESTS REQUIRED

ALSO SEE SHEET ---4.??	PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED NEW	EXISTING	TOTAL	TLE AREA
-4.05	14	PAUL F. & MARTHA J. WEEKS	FEE	0.24	------	0.24	------
	15	CAMP SHORT HORN PARTNERSHIP	FEE, TLE	1.06	------	1.06	0.17
					------		------

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

POINT NUMBER	EXISTING MONUMENTS DESCRIPTION	(Y)	(X)
PROP51	1"IP W/ CAP	191217.252	186048.417
PROP66	1" IP	191361.329	185812.626
PROP67	1" IP	190361.803	186029.416

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 2:26 PM ON May 30, 2014 AS DOCUMENT # 739322 AND FILED IN Vol. 1 TRP page 52

Laura L. Meyer, Deputy
SIGNATURE OF REGISTER OF DEEDS

CONTROLLED ACCESS
ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.06
AMENDMENT NO:

SEC47 — T 37 N, R 6 E, 10
1"IP PER SURVEY MAP
AT CEDER POST
County Coordinates
Y = 191327.931
X = 184011.181

SEC48 — ALUM. MONUMENT
County Coordinates
Y = 191375.543
X = 186579.115
= STA. 930+41.99
709.16'RT

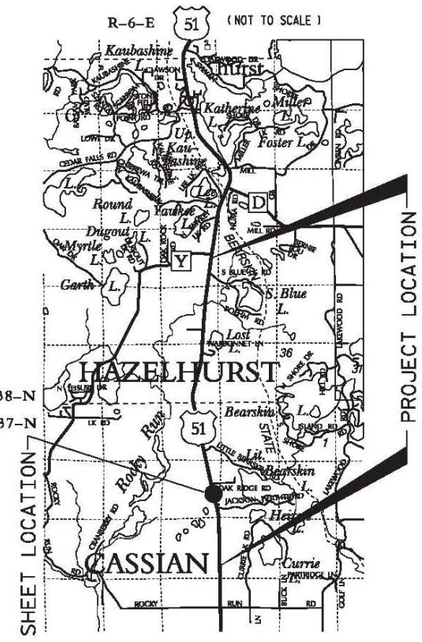
FROM	TO	BEARING	DIST.
SEC47	SEC48	N 88°56'16" E	2568.38'
SEC48	T107	S 88°56'16" W	563.39'
T107	PRW118	S 12°13'30" E	644.29'
PRW118	T105	S 12°13'30" E	699.06'
T105	T104	S 85°19'54" W	219.11'
T104	PRW23	N 17°07'52" W	480.47'
PRW23	PRW32	N 12°37'40" W	165.11'
PRW32	PRW33	N 12°11'15" W	218.24'
PRW33	PRW34	N 76°15'11" E	25.00'
PRW34	T106	N 11°44'49" W	498.12'
T106	T107	N 88°56'16" E	234.60'
PRW22	PRW23	N 17°07'52" W	509.42'

POINT #	STATION	DIST.
PRW22	918+02.15	60.00'L
PRW23	923+10.00	100.00'L
TLE37	923+10.00	110.00'L
TLE38	924+10.00	110.00'L
TLE39	924+10.00	100.00'L
PRW32	924+75.11	100.00'L
TLE17	924+75.11	130.00'L
PRW118	925+00.00	159.62'R
PRW33	926+91.82	100.00'L
PRW34	926+91.82	75.00'L
TLE18	926+91.82	130.00'L

T106 ON APPROX. 40 LINE
T107 ON APPROX. 40 LINE
T105 ON APPROX. 40 LINE
T104 ON APPROX. 40 LINE
40 LINE
P.L.
LOT 1
C.S.M. 3031-13-3031
PROP66
PROP51
PROP67
PRW22
PRW23
PRW32
PRW33
PRW34
PRW118
TLE17
TLE18
TLE36
TLE37
TLE38
TLE39
OH
U.S.H. 51
VARIES
TAX ID. CA 153-1
TAX ID. CA 156
PT 926+91.82
PC 924+75.11
30' TLE FOR SLOPE BLENDING
10' TLE FOR SLOPE BLENDING
CURVE CL311
P.I. = 925+83.47
Y = 190782.247
X = 185978.158
Δ. = 0°52'50"
D. = 0°24'23"
T. = 108.36'
L. = 216.71'
R. = 14100.10'
N 12°37'40" W
EXISTING R/L
R/L N 11°44'49" W
TOWN OF CASSIAN
NE - SE SEC-10
SECTION LINE
GN
SCALE, FEET
0 100 200

SEC61 — ALUM. MONUMENT
County Coordinates
Y = 188769.958
X = 186517.272
= STA. 905+25.11
134.02'RT

R-6-E (NOT TO SCALE)



R-6-E (NOT TO SCALE)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJN 7948	1933

CONVENTIONAL ABBREVIATIONS

ACCESS POINT, DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMAINING	REM.		
ACRES	AC.	RIGHT-OF-WAY	R/W	R/W MONUMENT	■ =(SET)
AND OTHERS	ET.AL.	SECTION	SEC.	R/W STANDARD SIGN	▲ =(SET)
CENTERLINE	C/L	STATION	STA.	SECTION CORNER MONUMENT	●
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER SYMBOL	
CORNER	COR.	VOLUME	V.		
DOCUMENT	DOC.			FEE (MATCH VARIES)	
EASEMENT	EASE.	**CURVE DATA**		TEMPORARY LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LCH		
LAND CONTRACT	LC	LONG CHORD BEARING	LCB	PERMANENT LIMITED EASEMENT	
MONUMENT	MON.	RADIUS	R		
PAGE	P.	DEGREE OF CURVE	D	R/W BOUNDARY POINT	
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA	PARCEL NUMBER	
PROPERTY LINE	PL	LENGTH OF CURVE	L	SIGN NUMBER (OFF PREMISE)	
RECORDED AS	(DOC#)	TANGENT	TAN	BUILDING	
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

- PROPOSED R/W LINE
- EXISTING H.E. LINE
- PROPERTY LINE
- LOT & TIE LINES
- SLOPE INTERCEPTS
- CORPORATE LIMITS
- ACCESS RESTRICTED BY PREVIOUS ACQUISITION/CONTROL
- ACCESS RESTRICTED BY ACQUISITION
- NO ACCESS BY STATUTORY AUTHORITY
- SECTION LINE
- QUARTER LINE
- SIXTEENTH LINE
- EXISTING CENTERLINE
- PROPOSED REFERENCE LINE
- PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES	OH	
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
	NON COMPENSABLE	COMPENSABLE
POWER POLE	●	●
TELEPHONE POLE	#	#
TELEPHONE PEDESTAL	X	X
ELECTRIC TOWER	⊠	

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES. GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095, WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

JEFFREY T. BROCK — PRINTED NAME
Jeffrey T. Brock — SIGNATURE
5-14-2014 — DATE

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

BRENT L. STELLA — PRINTED NAME
Brent L. Stella — SIGNATURE
5-14-14 — DATE

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.06

PART OF THE NE-SE OF SECTION 10, TOWNSHIP 37 NORTH, RANGE 6 EAST, TOWN OF CASSIAN, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_11771100ec\040406_rp.dgn
APPRAISAL PLAT DATE : 3-27-2014
PLOT DATE : 13-MAY-2014 11:42
PLOT BY : dotgnt
PLOT NAME :
PLOT SCALE : 100.000000:1.000000

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	229	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

4

4

742302

POINT TABLE - STATION AND OUT		
POINT #	STATION	DIST.
PRW35	934+82.11	75.00'L
TLE169	934+50.00	75.00'L
TLE170	934+50.00	167.00'L
TLE171	935+15.00	167.00'L
TLE86	935+25.00	85.00'L
PRW37	935+92.53	152.24'R
PRW38	937+34.58	152.89'R
TLE87	938+00.00	85.00'L
PRW36	938+00.00	75.00'L
TLE41	938+89.28	91.67'L
TLE40	938+90.00	81.69'L
TLE42	939+64.61	96.82'L
TLE43	939+65.27	86.84'L
TLE44	941+25.00	96.45'L
PRW45	941+93.29	100.00'L
TLE19	941+93.29	130.00'L
PRW46	943+37.90	100.00'L
TLE20	944+00.00	130.30'L
TLE21	945+00.00	92.96'L
PROP73	944+77.91	175.24'R
PRW47	946+68.27	90.00'L
OAK RIDGE ROAD		
PRW38	11+48.59	79.00'L
PRW37	11+56.01	64.39'R
PRW44	12+82.58	49.40'R
PRW43	14+50.61	47.89'R
PRW40	15+00.49	41.19'L
PRW42	15+50.00	32.84'R
PRW41	15+50.00	33.16'L

COURSE TABLE			
FROM	TO	BEARING	DIST.
SEC47	SEC48	N 88°56'16" E	2568.38'
SEC48	T107	S 88°56'16" W	563.39'
T107	T106	S 88°56'16" W	234.60'
T106	PRW35	N 11°44'49" W	292.17'
PRW35	PRW36	N 12°23'35" W	316.19'
PRW36	PRW45	N 17°29'51" W	391.64'
PRW45	PRW46	N 14°38'13" W	144.61'
PRW46	T108	N 11°28'13" W	204.07'
T108	PROP73	N 89°38'19" E	273.89'
PROP73	PRW38	S 12°13'30" E	745.09'
PRW38	PRW40	S 87°06'26" E	363.43'
PRW40	PRW41	S 82°25'25" E	50.16'
PRW41	PRW42	S 01°37'35" E	66.00'
PRW42	PRW43	S 79°45'30" W	100.52'
PRW43	PRW44	S 87°51'41" W	168.04'
PRW44	PRW37	S 77°50'55" W	120.00'
PRW37	T107	S 12°13'30" E	447.29'

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMAINING	REM.		
ACRES	AC.	RIGHT-OF-WAY	R/W	R/W MONUMENT	
AND OTHERS	ET.AL.	SECTION	SEC.	R/W STANDARD	
CENTERLINE	C/L	STATION	STA.	SIGN	
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER MONUMENT	
CORNER	COR.	VOLUME	V.	SECTION CORNER SYMBOL	
DOCUMENT	DOC.	CURVE DATA		FEE (MATCH VARIES)	
EASEMENT	EASE.	LONG CHORD	LCH	TEMPORARY LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.	LONG CHORD BEARING	LCB	PERMANENT LIMITED EASEMENT	
LAND CONTRACT	LC	RADIUS	R	SECTION LINE	
MONUMENT	MON.	DEGREE OF CURVE	D	QUARTER LINE	
PAGE	P.	CENTRAL ANGLE OR DELTA	DELTA	R/W BOUNDARY POINT	
PERMANENT LIMITED EASEMENT	PLE	LENGTH OF CURVE	L	PARCEL NUMBER	
PROPERTY LINE	PL	TANGENT	TAN	SIGN NUMBER (OFF PREMISE)	
RECORDED AS	(DOC)			PROPOSED REFERENCE LINE	
REFERENCE LINE	R/L			PARALLEL OFFSET	
				BUILDING	

CONVENTIONAL SYMBOLS

	PROPOSED R/W LINE
	EXISTING H.E. LINE
● •(SET)	PROPERTY LINE
▲ •(SET)	LOT & TIE LINES
(SIGN)	SLOPE INTERCEPTS
	CORPORATE LIMITS
	ACCESS RESTRICTED BY PREVIOUS ACQUISITION/CONTROL
	ACCESS RESTRICTED (BY ACQUISITION)
	NO ACCESS (BY STATUTORY AUTHORITY)
	SECTION LINE
	QUARTER LINE
	SIXTEENTH LINE
	EXISTING CENTERLINE
	PROPOSED REFERENCE LINE
	PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS
	NON COMPENSABLE / COMPENSABLE
POWER POLE	
TELEPHONE PEDESTAL	
ELECTRIC TOWER	

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I, JEFFREY T. BROCK PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Jeffrey T. Brock DATE: 8-20-14

PRINT NAME: JEFFREY T. BROCK

REGISTRATION NUMBER: S-2642

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

SIGNATURE: Brent L. Stella DATE: 8-19-2014

PRINT NAME: BRENT L. STELLA

SCHEDULE OF LANDS & INTERESTS REQUIRED

ALSO SEE SHEET ...-4.??	PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED NEW	EXISTING	TOTAL	TLE AREA
	17	IN KAHOOTS LLC.	FEE, TLE	0.33	0.68	1.01	0.19
	18	LINDA J. SWEENEY	FEE	0.15	------	0.15	------
-4.08	19	JUDITH P. KLINK (TRUSTEE)	FEE, TLE	1.02	2.39	3.41	0.25
	20	ALVIN & CHARLOTTE GRIESBACH	FEE	0.20	------	0.20	------

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

SCALE, FEET 0 100 200

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
200	FRONTIER NORTH INC.	RELEASE OF RIGHTS

◆◆◆ CONTROLLED ACCESS ◆◆◆

ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

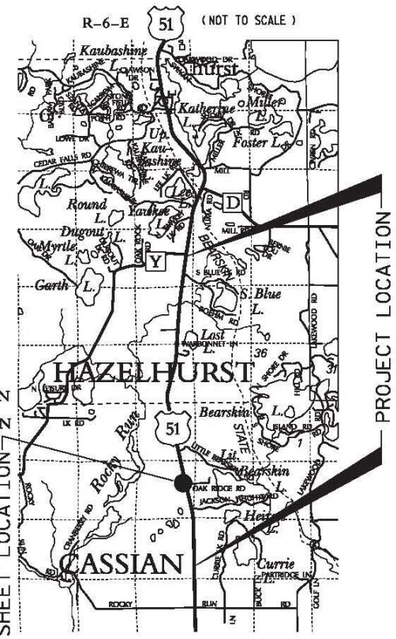
ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 1:58 PM ON August 26, 2014 AS DOCUMENT # 742302 AND FILED IN Vol. 1 TPP page 78.

Laurie Bentley, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.07
AMENDMENT NO: 1

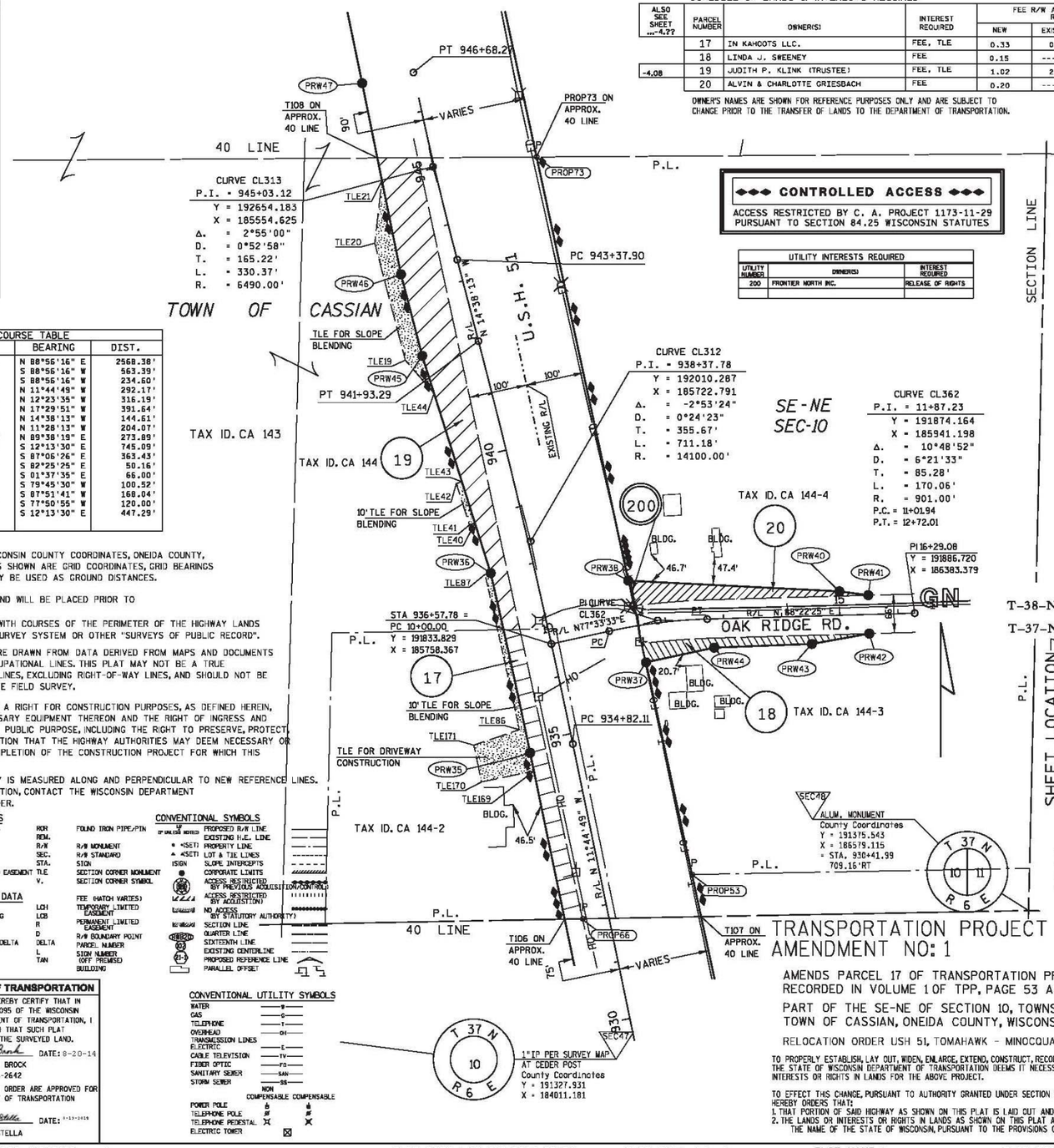
POINT NUMBER	EXISTING MONUMENTS DESCRIPTION	(Y)	(X)
PROP53	1" IP	191437.389	186000.799
PROP66	1" IP	191361.328	185812.628
PROP73	1"IP W/ CAP	192670.780	185732.928

R-6-E (NOT TO SCALE)



R-6-E (NOT TO SCALE)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJN 7948	1933



TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.07 AMENDMENT NO: 1

AMENDS PARCEL 17 OF TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.07 RECORDED IN VOLUME 1 OF TPP, PAGE 53 AS DOCUMENT NO. 739323

PART OF THE SE-NE OF SECTION 10, TOWNSHIP 37 NORTH, RANGE 6 EAST, TOWN OF CASSIAN, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_11771100ec\040407_rp.dgn PLOT DATE : 18-AUG-2014 09:51 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000

APPRAISAL PLAT DATE : 04-23-2014

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	230	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

742303

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 1:58PM ON January 28, 2014 AS DOCUMENT # 742303 AND FILED IN Vol. 109 page 73

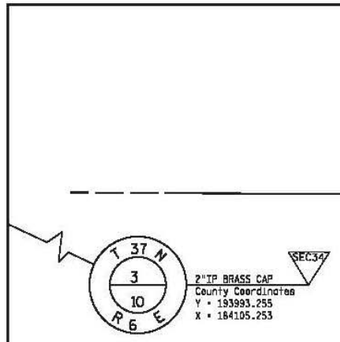
Diane Bonnette Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.08
AMENDMENT NO: 1

SCHEDULE OF LANDS & INTERESTS REQUIRED

ALSO SEE SHEET	PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
				NEW	EXISTING	TOTAL	
-4.07	19	JUDITH P. KLINK (TRUSTEE)	FEE, TLE	1.91	2.00	3.91	0.07
					------		------
					------		------

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.



TAX ID. CA 142

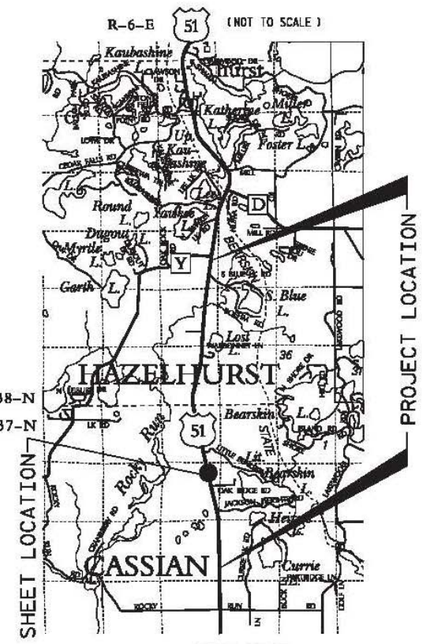
POINT TABLE - STATION AND OUT		
POINT #	STATION	DIST.
PRW47	946+68.27	90.00'L
TLE172	949+73.00	90.00'L
TLE173	950+32.00	133.00'L
TLE175	950+35.00	90.00'L
TLE174	950+48.00	125.00'L
PROP73	944+77.91	175.24'R
PROP74	951+72.93	171.88'R
PROP75	952+40.09	171.29'R
TLE45	952+75.00	90.00'L
TLE46	952+75.00	100.00'L
TLE47	953+50.00	100.00'L
TLE48	953+50.00	90.00'L
TLE121	955+50.00	90.00'L
TLE122	955+50.00	95.00'L
TLE123	956+75.00	95.00'L
TLE124	956+75.00	90.00'L
PROP78	958+27.77	155.12'R
PRW48	960+68.13	90.00'L

COURSE TABLE			
FROM	TO	BEARING	DIST.
SEC34	SEC35	S 89°38'57" E	2534.92'
SEC35	PROP78	N 89°38'57" W	1191.97'
PROP78	PROP75	S 12°13'30" E	887.71'
PROP75	PROP74	S 12°13'30" E	67.16'
PROP74	PROP73	S 12°13'30" E	689.67'
PROP73	T108	S 89°38'19" W	273.89'
T108	PRW47	N 11°28'13" W	131.25'
PRW47	T109	N 11°43'13" W	1214.28'
T109	PROP78	S 89°38'57" E	261.91'

CONTROLLED ACCESS
ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

POINT NUMBER	EXISTING MONUMENTS		
	DESCRIPTION	(Y)	(X)
PROP73	1"IP W/ CAP	192670.780	185732.928
PROP74	1"IP W/ CAP	193345.009	185586.846
PROP75	1"IP W/ CAP	193419.850	185572.826
PROP78	1" IP	193985.033	185446.179

R-6-E (NOT TO SCALE)



R-6-E (NOT TO SCALE)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJN 1948	1933

CURVE CL313
P.I. = 945+03.12
Y = 192654.183
X = 185554.625
Δ. = 2°55'00"
D. = 0°52'58"
T. = 165.22'
L. = 330.37'
R. = 6490.00'

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.08 AMENDMENT NO: 1

AMENDS PARCEL 19 OF TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.08 RECORDED IN VOLUME 1 OF TPP, PAGE 54 AS DOCUMENT NO. 739324

PART OF THE NW-NE OF SECTION 10 AND PART OF THE NE-NE OF SECTION 10, ALL IN TOWNSHIP 37 NORTH, RANGE 6 EAST, TOWN OF CASSIAN, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES, FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMAINING	REM.	R/W MONUMENT	
ACRES	AC.	RIGHT-OF-WAY	R/W	R/W STANDARD	
AND OTHERS	ET.AL.	SECTION	SEC.	SIGN	
CENTERLINE	C/L	STATION	STA.	SECTION CORNER MONUMENT	
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER SYMBOL	
CORNER	COR.	VOLUME	V.		
DOCUMENT	DOC.	CURVE DATA		FEE (HATCH VARIES)	
EASEMENT	EASE.	LONG CHORD	LCH	TEMPORARY LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.	LONG CHORD BEARING	LCB	PERMANENT LIMITED EASEMENT	
LAND CONTRACT	LC	RADIUS	R		
MONUMENT	MON.	DEGREE OF CURVE	D	R/W BOUNDARY POINT	
PAGE	P.	CENTRAL ANGLE OR DELTA	DELTA	PARCEL NUMBER	
PERMANENT LIMITED EASEMENT	PLE	LENGTH OF CURVE	L	SIGN NUMBER (OFF PREMISE)	
PROPERTY LINE	PL	TANGENT	TAN	BUILDING	
RECORDED AS	(RDD)				
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE	
EXISTING H.E. LINE	
PROPERTY LINE	
LOT & TIE LINES	
SLOPE INTERCEPTS	
CORPORATE LIMITS	
ACCESS RESTRICTED (BY PREVIOUS ACQUISITION/CONTRACT)	
ACCESS RESTRICTED (BY ACQUISITION)	
NO ACCESS (BY STATUTORY AUTHORITY)	
SECTION LINE	
QUARTER LINE	
SIXTEENTH LINE	
EXISTING CENTERLINE	
PROPOSED REFERENCE LINE	
PARALLEL OFFSET	

CONVENTIONAL UTILITY SYMBOLS

WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD	OH	
TRANSMISSION LINES ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
	NON COMPENSABLE	COMPENSABLE
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		
ELECTRIC TOWER		

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I, JEFFREY T. BROCK PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN Jeffrey T. Brock S-2642 Rhinelander WI LAND SURVEYOR

SIGNATURE: Jeffrey T. Brock DATE: 8-20-14
PRINT NAME: JEFFREY T. BROCK
REGISTRATION NUMBER: S-2642

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

SIGNATURE: Brent L. Stella DATE: 8-19-14
PRINT NAME: BRENT L. STELLA

FILE NAME : P:\projects\d4_1177100ec\040408_rp.dgn
APPRAISAL PLAT DATE : 12-19-2013
PLOT DATE : 18-AUG-2014 09:54 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	231	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

744132

CURVE CL358	CURVE CL359	CURVE CL360
P.I. = 10+76.75	P.I. = 12+89.47	P.I. = 14+69.02
Y = 194719.578	Y = 194893.374	Y = 194913.235
X = 185248.543	X = 185383.292	X = 185577.636
Δ. = -42°45'51"	Δ. = 46°22'39"	Δ. = -26°24'05"
D. = 29°13'53"	D. = 17°08'35"	D. = 25°45'10"
T. = 76.74'	T. = 143.17'	T. = 52.19'
L. = 146.30'	L. = 270.53'	L. = 102.52'
R. = 196.01'	R. = 334.22'	R. = 222.48'
P.C. = 10+00.00	P.C. = 11+46.30	P.C. = 14+16.83
P.T. = 11+46.30	P.T. = 14+16.83	P.T. = 15+19.35

PRW??? PRW??? = LONG CHORD BEARING & LONG CHORD DIST OF CURVE

COURSE TABLE

FROM	TO	BEARING	DIST.
SEC34	SEC35	S 89°38'57" E	2634.92'
SEC35	PROP78	N 89°38'57" W	1191.97'
PROP78	T109	N 89°38'57" W	261.91'
T109	*PRW48	N 11°43'13" W	185.58'
*PRW48	PRW50*	N 10°19'16" W	692.99'
PRW50	T110	N 09°11'33" W	469.70'
T110	T111	S 89°36'22" E	211.22'
T111	PRW51	S 12°13'30" E	482.80'
PRW51	PRW52	N 56°29'38" E	117.63'
PRW52	PRW53	N 77°58'30" E	119.17'
PRW53	PRW54	S 79°34'12" E	49.97'
PRW54	PRW55	S 05°50'07" E	66.00'
PRW55	PRW56	S 53°30'56" W	226.54'
PRW56	PRW57	S 21°15'53" W	110.55'
PRW57	PROP78	S 12°13'30" E	667.48'
PRW50	PRW58	N 09°11'33" W	585.36'

PROPOSED RIGHT-OF-WAY CURVE TABLE

Curve no. OR From - To		Radius	Delta	Arc Length	Chord Bearing	Chord Length
PRW48	PRW50	14190.00'	2°47'54"	693.06'	N 10°19'16" W	692.99'
PRW48	PRW49	14190.00'	1°20'55"	333.98'	N 11°02'46" W	333.98'
PRW49	PRW50	14190.00'	1°26'59"	359.07'	N 09°38'49" W	359.06'

TOWN OF CASSIAN

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

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DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMAINING	REM.	R/W MONUMENT	● =SET)
ACRES	AC.	RIGHT-OF-WAY	R/W	R/W STANDARD	▲ =SET)
AND OTHERS	ET.AL.	SECTION	SEC.	SIGN	
CENTERLINE	C/L	STATION	STA.	SECTION CORNER MONUMENT	
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER SYMBOL	
CORNER	COR.	VOLUME	V.		
DOCUMENT	DOC.	CURVE DATA		FEE PARCEL VARIES	
EASEMENT	EASE.	LONG CHORD	LCH	TEMPORARY LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.	LONG CHORD BEARING	LCB	PERMANENT LIMITED EASEMENT	
LAND CONTRACT	LC	RADIUS	R		
MONUMENT	MON.	DEGREE OF CURVE	D	R/W BOUNDARY POINT	
PAGE	P.	CENTRAL ANGLE OR DELTA	DELTA	PARCEL NUMBER	
PERMANENT LIMITED EASEMENT	PLE	LENGTH OF CURVE	L	SIGN NUMBER (OFF PREMISE)	
PROPERTY LINE	PL	TANGENT	TAN	BUILDING	
RECORDED AS	(DOC#)				
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE	
EXISTING H.E. LINE	
PROPERTY LINE	
LOT & TIE LINES	
SLOPE INTERCEPTS	
CORPORATE LIMITS	
ACCESS RESTRICTED (BY PREVIOUS ACQUISITION)	
ACCESS RESTRICTED (BY ACQUISITION)	
NO ACCESS (BY STATUTORY AUTHORITY)	
SECTION LINE	
QUARTER LINE	
SIXTEENTH LINE	
EXISTING CENTERLINE	
PROPOSED REFERENCE LINE	
PARALLEL OFFSET	

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	STM
	NON COMPENSABLE / COMPENSABLE
POWER POLE	
TELEPHONE POLE	
TELEPHONE PEDESTAL	
ELECTRIC TOWER	

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I, JEFFREY T. BROCK PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Jeffrey T. Brock DATE: 10/16/14

PRINT NAME: JEFFREY T. BROCK

REGISTRATION NUMBER: S-2642

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

NC REGION - RHINELANDER, WI

SIGNATURE: Brent L. Stella DATE: 10-16-14

PRINT NAME: BRENT L. STELLA

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
			NEW	EXISTING	TOTAL	
26	KERSTEN LEASING INC.	FEE, TLE	1.16	------	1.16	0.27
27	RANDAL A. BUGIEL	FEE	0.22	0.62	0.84	------
28	JAMES F. & PATRICIA A. PUCHTER	FEE, TLE	0.21	------	0.21	0.02

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

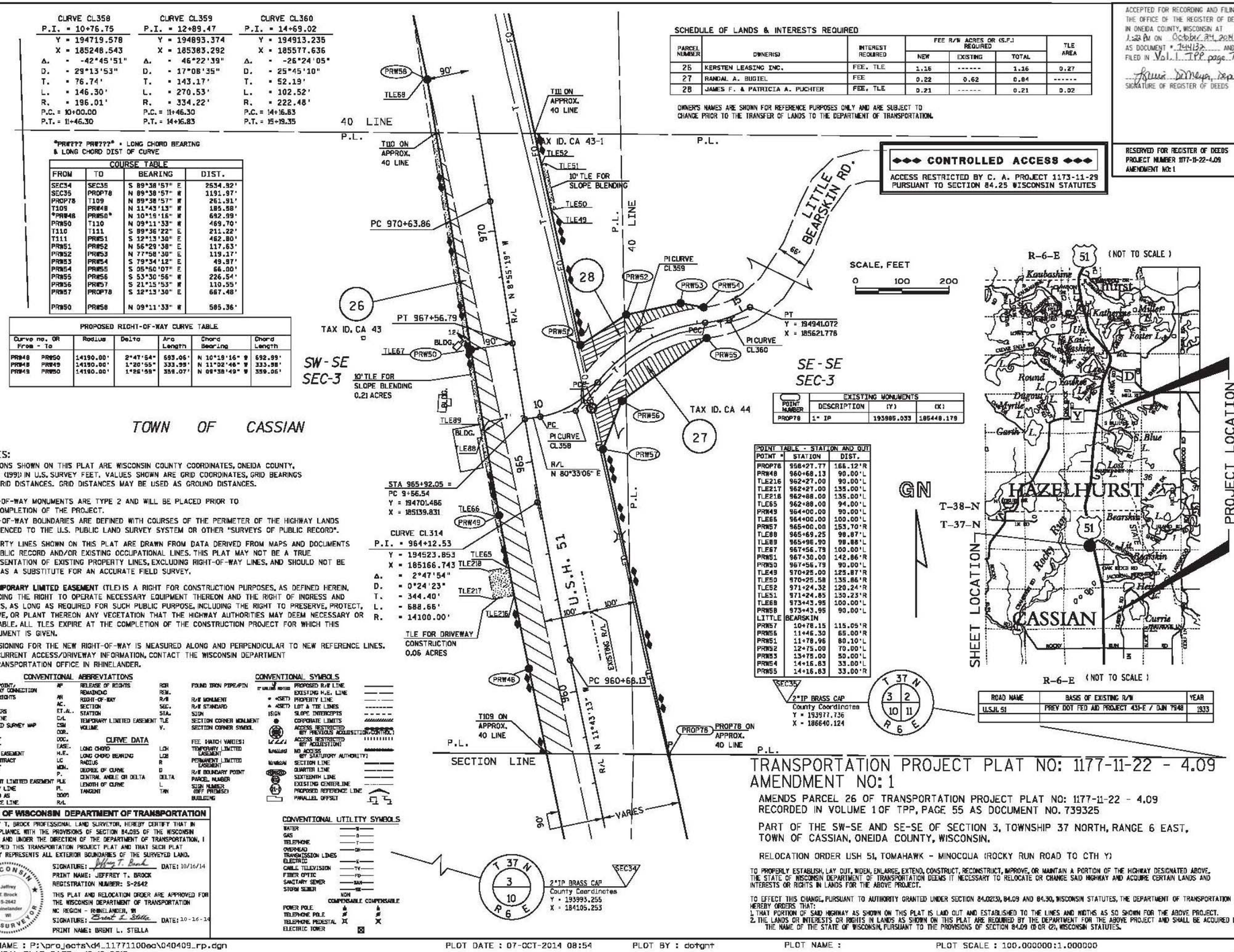
ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 1:23 PM ON October 24, 2014 AS DOCUMENT # 744132 AND FILED IN Vol. 1 TPP page 76

Tammi DeMarb, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.09
AMENDMENT NO: 1

CONTROLLED ACCESS

ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES



POINT NUMBER	EXISTING MONUMENTS DESCRIPTION	(Y)	(X)
PROP78	1" IP	193985.033	185448.179

POINT TABLE - STATION AND OUT		
POINT *	STATION	DIST.
PROP78	956+27.77	166.12'R
PRW48	960+68.13	90.00'L
TLE216	962+27.00	90.00'L
TLE217	962+27.00	135.00'L
TLE218	962+88.00	135.00'L
TLE65	962+88.00	94.00'L
PRW49	964+00.00	90.00'L
TLE66	964+00.00	100.00'L
PRW57	965+00.00	153.70'R
TLE88	965+69.25	98.87'L
TLE89	965+96.90	98.88'L
TLE67	967+56.79	100.00'L
PRW51	967+30.00	142.86'R
PRW50	967+56.79	90.00'L
TLE49	970+25.00	125.87'R
TLE50	970+25.58	135.86'R
TLE52	971+24.32	120.24'R
TLE51	971+24.85	130.23'R
TLE68	973+43.95	100.00'L
PRW58	973+43.95	90.00'L
LITTLE BEARSKIN		
PRW57	10+78.15	115.05'R
PRW56	11+46.30	65.00'R
PRW51	11+78.96	80.10'L
PRW52	12+75.00	70.00'L
PRW53	13+75.00	50.00'L
PRW54	14+16.83	33.00'L
PRW55	14+16.83	33.00'R

R-6-E (NOT TO SCALE)

R-6-E (NOT TO SCALE)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 433-E / DJN 7948	1933

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.09 AMENDMENT NO: 1

AMENDS PARCEL 26 OF TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.09 RECORDED IN VOLUME 1 OF TPP, PAGE 55 AS DOCUMENT NO. 739325

PART OF THE SW-SE AND SE-SE OF SECTION 3, TOWNSHIP 37 NORTH, RANGE 6 EAST, TOWN OF CASSIAN, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.0213), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_1177110ec\040409_rp.dgn PLOT DATE : 07-OCT-2014 08:54 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000

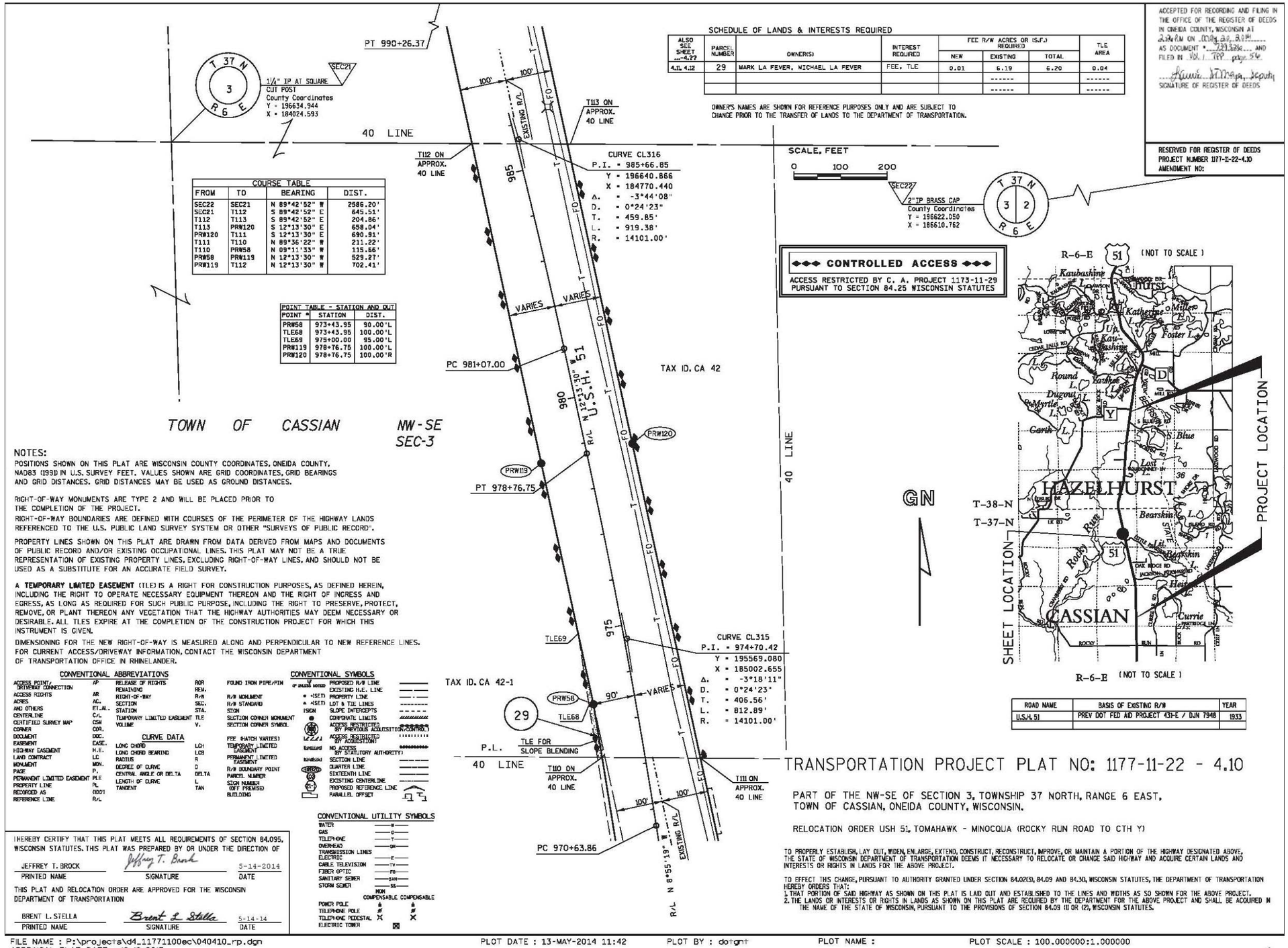
APPRAISAL PLAT DATE : 12-19-2013

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	232	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

739326



COURSE TABLE

FROM	TO	BEARING	DIST.
SEC22	SEC21	N 89°42'52" W	2586.20'
SEC21	T112	S 89°42'52" E	645.51'
T112	T113	S 89°42'52" E	204.86'
T113	PRW120	S 12°13'30" E	658.04'
PRW120	T111	S 12°13'30" E	690.81'
T111	T110	N 89°36'22" W	211.22'
T110	PRW58	N 09°11'33" W	115.66'
PRW58	PRW119	N 12°13'30" W	529.27'
PRW119	T112	N 12°13'30" W	702.41'

POINT TABLE - STATION AND OUT

POINT #	STATION	DIST.
PRW58	973+43.95	90.00'L
TLE68	973+43.95	100.00'L
TLE69	975+00.00	95.00'L
PRW119	978+76.75	100.00'L
PRW120	978+76.75	100.00'R

SCHEDULE OF LANDS & INTERESTS REQUIRED

ALSO SEE SHEET ---4.22	PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED NEW	EXISTING	TOTAL	TLE AREA
4.11 4.12	29	MARK LA FEVER, MICHAEL LA FEVER	FEE, TLE	0.01	6.19	6.20	0.04
					------		------
					------		------

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 2:34 PM ON May 20, 2014 AS DOCUMENT # 739326 AND FILED IN Vol. 187 page 54.
Kimberly A. Mapa, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.10
AMENDMENT NO:

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJN 7948	1933

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT / DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMAINING	REM.		
ACRES	AC.	RIGHT-OF-WAY	R/W	R/W MONUMENT	● <SET>
AND OTHERS	ET.AL.	SECTION	SEC.	R/W STANDARD	▲ <SET>
CENTERLINE	C/L	STATION	STA.	SIGN	
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER MONUMENT	
CORNER	COR.	VOLUME	V.	SECTION CORNER SYMBOL	
DOCUMENT	DOC.	CURVE DATA		FEE (HATCH VARIES)	
EASEMENT	EASE.	LONG CHORD	LCH	TEMPORARY LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.	LONG CHORD BEARING	LCB	PERMANENT LIMITED EASEMENT	
LAND CONTRACT	LC	RADIUS	R		
MONUMENT	MON.	DEGREE OF CURVE	D	R/W BOUNDARY POINT	
PAGE	P.	CENTRAL ANGLE OR DELTA	DELTA	PARCEL NUMBER	
PERMANENT LIMITED EASEMENT	PLE	LENGTH OF CURVE	L	SIGN NUMBER (OFF PREMISES)	
PROPERTY LINE	PL	TANGENT	TAN	BUILDING	
RECORDED AS	RDDT				
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE	
EXISTING H.E. LINE	
PROPERTY LINE	
LOT & TIE LINES	
SLOPE INTERCEPTS	
CORPORATE LIMITS	
ACCESS RESTRICTED BY PREVIOUS ACQUISITION/CONTROL	
ACCESS RESTRICTED BY ACQUISITION	
NO ACCESS BY STATUTORY AUTHORITY	
SECTION LINE	
QUARTER LINE	
SIXTEENTH LINE	
EXISTING CENTERLINE	
PROPOSED REFERENCE LINE	
PARALLEL OFFSET	

CONVENTIONAL UTILITY SYMBOLS

WATER	—W—	
GAS	—G—	
TELEPHONE	—T—	
OVERHEAD TRANSMISSION LINES ELECTRIC	—OH—	
CABLE TELEVISION	—TV—	
FIBER OPTIC	—FO—	
SANITARY SEWER	—SAN—	
STORM SEWER	—SS—	
	NON COMPENSABLE	COMPENSABLE
POWER POLE	⊕	⊕
TELEPHONE POLE	⊕	⊕
TELEPHONE PEDESTAL	X	X
ELECTRIC TOWER	⊠	

I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095, WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

JEFFREY T. BROCK — Jeffrey T. Brock — 5-14-2014
PRINTED NAME — SIGNATURE — DATE

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

BRENT L. STELLA — Brent L. Stella — 5-14-14
PRINTED NAME — SIGNATURE — DATE

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.10

PART OF THE NW-SE OF SECTION 3, TOWNSHIP 37 NORTH, RANGE 6 EAST, TOWN OF CASSIAN, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_11771100ec\040410_rp.dgn
APPRAISAL PLAT DATE : 12-19-2013
PLOT DATE : 13-MAY-2014 11:42 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	233	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

744133

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 1:30 PM ON October 24 2014 AS DOCUMENT # 744133 AND FILED IN Vol. 1 TPP page 79

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.11
AMENDMENT NO: 1

PROPOSED RIGHT-OF-WAY CURVE TABLE						
Curve no. OR From - To		Radius	Delta	Arc Length	Chord Bearing	Chord Length
PRW61	T114	14190.00'	2°48'03"	697.76'	N 14°33'07" W	697.68'
PRW61	PRW63	14190.00'	3°46'49"	936.24'	N 14°04'13" W	936.07'
PRW61	PRW62	14190.00'	1°41'43"	419.84'	N 15°08'47" W	419.83'
PRW62	PRW63	14190.00'	2°05'06"	516.40'	N 13°13'22" W	516.37'

"PRW?? PRW??" = LONG CHORD BEARING & LONG CHORD DIST OF CURVE

COURSE TABLE			
FROM	TO	BEARING	DIST.
SEC22	SEC21	N 89°42'52" W	2586.20'
SEC21	T112	S 89°42'52" E	645.51'
T112	PRW59	N 12°13'30" W	316.04'
PRW59	PRW60	N 21°14'13" W	126.21'
PRW60	PRW61	N 15°57'38" W	206.45'
"PRW61	T114"	N 14°33'07" W	697.68'
T114	T115	N 89°33'12" E	267.17'
T115	PRW121	S 12°13'30" E	961.97'
PRW121	T113	S 12°13'30" E	371.68'
T113	T112	N 89°42'52" W	204.86'

POINT TABLE - STATION AND OUT		
POINT #	STATION	DIST.
PRW59	989+00.00	77.63'L
PRW121	989+00.00	122.49'R
PRW60	990+26.37	90.00'L
PRW61	992+32.82	90.00'L
TLE22	994+00.00	90.00'L
TLE23	994+00.00	105.00'L
TLE24	996+48.63	105.00'L
PRW62	996+50.00	90.00'L
TLE179	997+85.00	128.00'L
TLE178	998+10.00	90.00'L
TLE180	998+10.00	155.00'L
TLE181	998+75.00	90.00'L
PRW63	1001+63.12	90.00'L

TOWN OF CASSIAN

PT 1001+63.12

PRW63

T114 ON APPROX. 40 LINE

40 LINE

TLE FOR DRIVEWAY CONSTRUCTION

29

TAX ID. CA 31-1

TLE181

13'

BLDG.

TLE180

TLE179

TLE178

PRW62

TLE24

CURVE CL317
P.I. = 996+98.14
Y = 197728.860
X = 184459.273
Δ. = 3°46'49"
D. = 0°24'23"
T. = 465.32'
L. = 930.30'
R. = 14100.00'

15' TLE FOR SLOPE BLENDING

TLE23

TLE22

P.L.

40 LINE

100'

100'

EXISTING R/W

995

SW-NE SEC-3

PC 992+32.82

PRW61

90'

N 15°57'38" W

VARIES

R/L

U.S.H. 51

99'

PRW60

PT 990+26.37

PRW59

T115 ON APPROX. 40 LINE

TLE209

TLE210

TLE215

TLE214

TLE213

TLE212

TLE211

28

TLE FOR DRIVEWAY CONSTRUCTION

TAX ID. CA 31

POINT TABLE - STATION AND OUT		
POINT #	STATION	DIST.
TLE212	996+28.39	304.80'R
TLE211	996+47.51	333.31'R
TLE213	996+82.20	254.50'R
TLE215	997+81.50	168.56'R
TLE214	997+84.97	225.01'R
TLE210	998+33.96	281.85'R
TLE209	998+93.47	171.03'R

CURVE CL316
P.I. = 985+66.85
Y = 196640.866
X = 184770.440
Δ. = -3°44'08"
D. = 0°24'23"
T. = 459.85'
L. = 919.38'
R. = 14101.00'

40 LINE

T112 ON APPROX. 40 LINE

95.02'

109.84'

T113 ON APPROX. 40 LINE

985

SEC21 TO STA. 985+58.66
S 89°42'52" E 740.54'

40 LINE = STA. 985+58.66

T 37 N
3
R 6 E

SEC21

1/4" IP AT SQUARE CUT POST
County Coordinates
Y = 196634.944
X = 184024.593

PC 981+07.00

SCHEDULE OF LANDS & INTERESTS REQUIRED

ALSO SEE SHEET no.-4.77	PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
				NEW	EXISTING	TOTAL	
4.10, 4.12	29	MARK LA FEVER, MICHAEL LA FEVER	FEE, TLE	0.95	1.32	2.27	0.14
4.09	28	JAMES F. & PATRICIA A. PUCHTER	TLE	------	------	------	0.40
					------		------

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

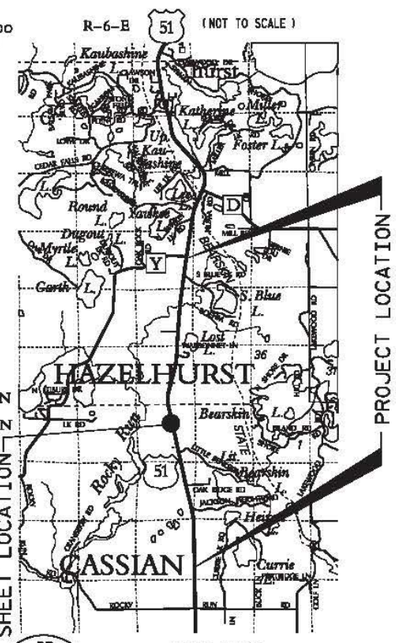
P.L.

◆◆◆ CONTROLLED ACCESS ◆◆◆
ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DUN 7948	1933

SCALE, FEET
0 100 200

R-6-E (NOT TO SCALE)



GN

SEC22
2"IP BRASS CAP
County Coordinates
Y = 196622.050
X = 186610.762

T 37 N
3 2
R 6 E

R-6-E (NOT TO SCALE)

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.11 AMENDMENT NO: 1

AMENDS PARCEL 29 OF TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.11 RECORDED IN VOLUME 1 OF TPP, PAGE 57 AS DOCUMENT NO. 739852, AND ADDS PARCEL 28

PART OF THE SW-NE OF SECTION 3, TOWNSHIP 37 NORTH, RANGE 6 EAST, TOWN OF CASSIAN, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

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2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMAINING	REM.		
ACRES	AC.	RIGHT-OF-WAY	R/W	R/W MONUMENT	
AND OTHERS	ET.AL.	SECTION	SEC.	R/W STANDARD	
CENTERLINE	C/L	STATION	STA.	SIGN	
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER MONUMENT	
CORNER	COR.	VOLUME	V.	SECTION CORNER SYMBOL	
DOCUMENT	DOC.	CURVE DATA		FEE (WITCH VARIES)	
EASEMENT	EASE.	LONG CHORD	LCH	TEMPORARY LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.	LONG CHORD BEARING	LCB	PERMANENT LIMITED EASEMENT	
LAND CONTRACT	LC	RADIUS	R	R/W BOUNDARY POINT	
MONUMENT	MON.	DEGREE OF CURVE	D	PARCEL NUMBER	
PAGE	P.	CENTRAL ANGLE OR DELTA	DELTA	SIGN NUMBER (OFF PREMISES)	
PERMANENT LIMITED EASEMENT	PLE	LENGTH OF CURVE	L	BUILDING	
PROPERTY LINE	PL	TANGENT	TAN		
RECORDED AS	(RDD)				
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE
EXISTING R.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
ACCESS RESTRICTED (BY PREVIOUS ACQUISITION/CONTROL)
ACCESS RESTRICTED (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES ELECTRIC	OH	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SD	
	NON COMPENSABLE	COMPENSABLE
POWER POLE	#	#
TELEPHONE POLE	#	#
TELEPHONE PEDESTAL	X	X
ELECTRIC TOWER	⊠	

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I, JEFFREY T. BROCK PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN Jeffrey T. Brock S-2642 Rhinelander WI LAND SURVEYOR

SIGNATURE: Jeffrey T. Brock DATE: 10/16/14
PRINT NAME: JEFFREY T. BROCK
REGISTRATION NUMBER: S-2642

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION
NC REGION - RHINELANDER, WI
SIGNATURE: Brent L. Stella DATE: 10-16-14
PRINT NAME: BRENT L. STELLA

FILE NAME : P:\projects\d1_11771100ec\040411_rp.dgn
APPRAISAL PLAT DATE : 12-19-2013
PLOT DATE : 07-OCT-2014 08:57
PLOT BY : dotgnt
PLOT NAME :
PLOT SCALE : 100.000000:1.000000

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	234	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

744134

PROPOSED RIGHT-OF-WAY CURVE TABLE						
Curve no. OR From - To		Radius	Delta	Arc Length	Chord Bearing	Chord Length
T114	PRW63	14190.00'	0°57'47"	238.48'	N 12°39'42" W	238.48'
PRW64	T115	2789.21'	5°17'08"	257.57'	N 09°32'16" W	257.18'
PRW61	PRW63	14190.00'	3°46'49"	936.24'	N 14°04'13" W	936.07'
PRW64	PRW65	2789.21'	8°03'13"	392.06'	N 08°09'12" W	391.74'

CURVE CL318
P.I. = 1016+59.57
Y = 199646.465
X = 184045.365
Δ. = 25°38'12"
D. = 2°07'22"
T. = 638.98'
L. = 1254.85'
R. = 2699.21'

SCHEDULE OF LANDS & INTERESTS REQUIRED

ALSO SEE SHEET ...4.77	PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
				NEW	EXISTING	TOTAL	
4.10, 4.11	29	MARK LA FEVER, MICHAEL LA FEVER	FEE	0.41	------	0.41	------
	30	PETER L. STRUCK	TLE	------	------	------	0.03
	31	MARK LA FEVER	FEE, TLE	1.53	------	1.53	0.17

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 1:28PM ON October 24, 2014 AS DOCUMENT # 744134 AND FILED IN Vol. L 188 page 80
Juliana DeMuth Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.12
AMENDMENT NO: 1

PRW??? PRW??? - LONG CHORD BEARING & LONG CHORD DIST OF CURVE

COURSE TABLE			
FROM	TO	BEARING	DIST.
SEC9	SEC8	S 89°49'40" W	2633.89'
SEC8	T116	N 89°49'40" E	105.37'
T116	T117	N 89°49'40" E	256.29'
T117	PRW122	S 12°13'30" E	1061.06'
PRW122	T115	S 12°13'30" E	292.80'
T115	T114	S 89°33'12" W	267.17'
*T114	PRW63*	N 12°39'42" W	238.48'
PRW63	PRW64	N 12°10'49" W	857.47'
*PRW64	T116*	N 09°32'16" W	257.18'

SECTION/TOWN LINE

SEC8 — 2"IP BRASS CAP, County Coordinates Y = 199256.189, X = 183944.222, + STA. 1012+81.07, 194.67'LT

SEC9 — 2"IP BRASS CAP, County Coordinates Y = 199264.107, X = 186578.105

T 38 N, R 6 E, Sections 34, 35, 3, 2

SCALE, FEET
0 100 200

TOWN OF CASSIAN

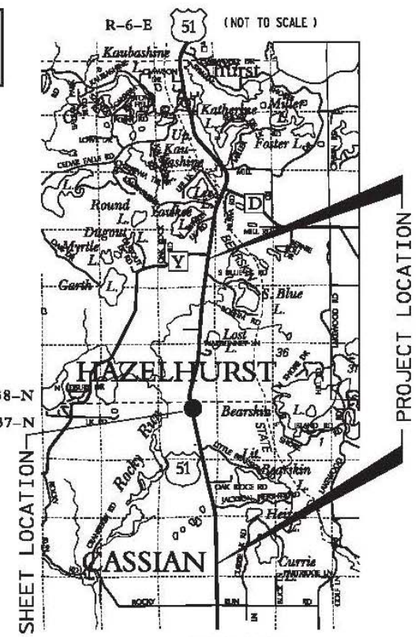
POINT TABLE - STATION AND OUT		
POINT #	STATION	DIST.
TLE210	998+33.96	281.85'R
TLE209	998+93.47	171.03'R
PRW63	1001+63.12	90.00'L
PRW122	1001+63.12	173.37'R
TLE182	1006+55.00	90.00'L
TLE183	1006+67.00	186.00'L
TLE185	1007+07.00	90.00'L
TLE184	1007+18.00	192.00'L
TLE25	1008+25.00	90.00'L
TLE26	1008+25.00	100.00'L
PRW64	1010+20.59	90.00'L
TLE27	1010+50.00	100.00'L
TLE119	1010+50.00	90.00'L
PRW123	1012+79.63	160.83'R
PRW65	1014+00.00	90.00'L

N 89°49'40" E 196.02'
105.37' 90.54' 165.65'
STA. 1012+58.95
T116 ON SEC. LINE
T117 ON SEC. LINE
TLE119
TLE27
PC 1010+20.59
PRW64
10' TLE FOR SLOPE BLENDING
TLE26
TLE25
TLE FOR FOR DRIVEWAY CONSTRUCTION
ROAD EASEMENT DOC#305803, VOL 454, P. 291, 66' WIDE
TLE184
TLE183
TLE182
90'
VARIES
U.S.H. 51
NW-NE SEC-3
31
TAX ID. CA 30
N 12°10'49" W
R/L
100'
EXISTING R/L
40 LINE
P.L.
PRW63
PT 1001+63.12
PRW122
TAX ID. CA 30-A
29
T114 ON APPROX. 40 LINE
TAX ID. CA 30-1
30
TLE FOR FOR DRIVEWAY CONSTRUCTION
TLE209
TLE210
T115 ON APPROX. 40 LINE
PRW61

CURVE CL317
P.I. = 996+98.14
Y = 197728.860
X = 184459.273
Δ. = 3°46'49"
D. = 0°24'23"
T. = 465.32'
L. = 930.30'
R. = 14100.00'

CONTROLLED ACCESS
ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

R-6-E (NOT TO SCALE)



R-6-E (NOT TO SCALE)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJN 7548	1933

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	RGN	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMARKING	REM.		
ACRES	AC.	RIGHT-OF-WAY	R/W	R/W MONUMENT	
AND OTHERS	ET.AL.	SECTION	SEC.	R/W STANDARD	
CENTERLINE	C/L	STATION	STA.	SIGN	
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER MONUMENT	
CORNER	COR.	VOLUME	V.	SECTION CORNER SYMBOL	
DOCUMENT	DOC.	CURVE DATA		FEE PARCEL VARIES	
EASEMENT	EASE.	LONG CHORD	LCH	TEMPORARY LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.	LONG CHORD BEARING	LCB	PERMANENT LIMITED EASEMENT	
LAND CONTRACT	LC	RADIUS	R	R/W BOUNDARY POINT	
MONUMENT	MON.	DEGREE OF CURVE	D	PARCEL NUMBER	
PAGE	P.	CENTRAL ANGLE OR DELTA	DELTA	SIGN NUMBER (OFF PREMISES)	
PERMANENT LIMITED EASEMENT	PLE	LENGTH OF CURVE	L	BUILDING	
PROPERTY LINE	PL	TANGENT	TAN		
RECORDED AS	(DOC#)				
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE
EXISTING PLE, LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
ACCESS RESTRICTED (BY PREVIOUS ACQUISITION)
ACCESS RESTRICTED (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

WATER
GAS
TELEPHONE
OVERHEAD TRANSMISSION LINES
ELECTRIC
CABLE TELEVISION
FIBER OPTIC
SANITARY SEWER
STORM SEWER
NON COMPENSABLE COMPENSABLE
POWER POLE
TELEPHONE POLE
TELEPHONE PEDESTAL
ELECTRIC TOWER

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I, JEFFREY T. BROCK PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Jeffrey T. Brock DATE: 10/16/14
PRINT NAME: JEFFREY T. BROCK
REGISTRATION NUMBER: S-2642

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION
NC REGION - RHINELANDER, WI
SIGNATURE: Brent L. Stella DATE: 10-16-14
PRINT NAME: BRENT L. STELLA

WISCONSIN Jeffrey T. Brock S-2642 Rhinelander WI LAND SURVEYOR

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.12 AMENDMENT NO: 1

AMENDS PARCELS 29 AND 31 OF TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.12 RECORDED IN VOLUME 1 OF TPP, PAGE 58 AS DOCUMENT NO. 739853, AND ADDS PARCEL 30

PART OF THE NW-NE OF SECTION 3, TOWNSHIP 37 NORTH, RANGE 6 EAST, TOWN OF CASSIAN, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_11771100ec\040412_rp.dgn
APPRAISAL PLAT DATE : 12-19-2013
PLOT DATE : 07-OCT-2014 10:01 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	235	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

4

4

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
			NEW	EXISTING	TOTAL	
32	NORTHEAST ASPHALT INC.	FEE, TLE	1.46	4.15	5.61	0.22
33	KYLE W. & ALETA A. PLUMMER	TLE	------	------	------	0.18
				------		------

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

PROPOSED RIGHT-OF-WAY CURVE TABLE

Curve no. OR From - To		Radius	Delta	Arc Length	Chord Bearing	Chord Length
T116	PRW65	2789.21'	2°46'08"	134.79'	N 05°30'40" W	134.78'
PRW66	PRW68	2809.21'	18°34'59"	911.12'	N 05°09'54" E	907.13'
PRW125	PRW123	1809.86'	-27°22'06"	864.61'	S 01°27'33" W	856.31'
PRW64	PRW65	2789.21'	8°03'13"	392.06'	N 08°09'12" W	391.74'
PRW66	PRW67	2809.21'	9°33'08"	468.34'	N 00°38'58" E	467.80'
PRW67	PRW68	2809.21'	9°01'51"	442.78'	N 09°56'27" E	442.33'
PRW125	PRW124	1809.86'	-14°45'03"	465.95'	S 07°46'05" W	464.66'
PRW124	PRW123	1809.86'	-12°37'03"	398.56'	S 05°54'58" E	397.75'

"PRW??? PRW???" = LONG CHORD BEARING & LONG CHORD DIST OF CURVE

COURSE TABLE

FROM	TO	BEARING	DIST.
SEC9	SEC8	S 89°49'40" W	2633.89'
SEC8	T116	N 89°49'40" E	105.37'
*T116	PRW65*	N 05°30'40" W	134.78'
PRW65	PRW66	S 85°52'24" W	20.00'
*PRW66	PRW68*	N 05°09'54" E	907.13'
PRW68	T118	N 14°27'23" E	282.72'
T118	T119	N 89°52'55" E	262.64'
T119	PRW125	S 15°08'36" W	429.85'
*PRW125	PRW123*	S 01°27'33" W	856.31'
PRW123	T117	S 12°13'30" E	39.64'
T117	T116	S 89°49'40" W	256.29'

POINT TABLE - STATION AND OUT

POINT #	STATION	DIST.
PRW123	1012+79.63	160.83'R
PRW65	1014+00.00	90.00'L
PRW66	1014+00.00	110.00'L
TLE28	1014+00.00	120.00'L
TLE125	1016+00.00	120.00'L
TLE126	1016+50.00	130.00'L
TLE127	1017+00.00	120.00'L
PRW124	1017+00.00	135.11'R
PRW67	1018+50.00	110.00'L
TLE29	1018+50.00	120.00'L
PRW125	1021+90.01	137.76'R
PRW68	1022+75.45	110.00'L
TLE30	1022+75.45	120.00'L
TLE136	1025+53.98	143.35'R
TLE137	1026+14.46	281.80'R
TLE139	1026+33.78	179.00'R
TLE140	1026+46.60	144.46'R
TLE138	1026+61.82	266.00'R

TOWN OF HAZELHURST

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES. GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

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DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMAINING	REM.		
ACRES	AC.	RIGHT-OF-WAY	R/W	R/W MONUMENT	
AND OTHERS	ET.AL.	SECTION	SEC.	R/W STANDARD	
CENTERLINE	C/L	STATION	STA.	SIGN	
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER MONUMENT	
CORNER	COR.	VOLUME	V.	SECTION CORNER SYMBOL	
DOCUMENT	DOC.				
EASEMENT	EASE.	CURVE DATA		FEE (HATCH VARIES)	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LCH	TEMPORARY LIMITED EASEMENT	
LAND CONTRACT	LC	LONG CHORD BEARING	LCB	PERMANENT LIMITED EASEMENT	
MONUMENT	MON.	RADIUS	R	R/W BOUNDARY POINT	
PAGE	P.	DEGREE OF CURVE	D	PARCEL NUMBER	
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA	SIGN NUMBER (OFF PREMISE)	
PROPERTY LINE	PL	LENGTH OF CURVE	L	BUILDING	
RECORDED AS	(000')	TANGENT	TAN		
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE	
EXISTING H.E. LINE	
PROPERTY LINE	
LOT & TIE LINES	
SLOPE INTERCEPTS	
CORPORATE LIMITS	
ACCESS RESTRICTED (BY PREVIOUS ACQUISITION)	
ACCESS RESTRICTED (BY ACQUISITION)	
NO ACCESS (BY STATUTORY AUTHORITY)	
SECTION LINE	
QUARTER LINE	
SIXTEENTH LINE	
EXISTING CENTERLINE	
PROPOSED REFERENCE LINE	
PARALLEL OFFSET	

CONVENTIONAL UTILITY SYMBOLS

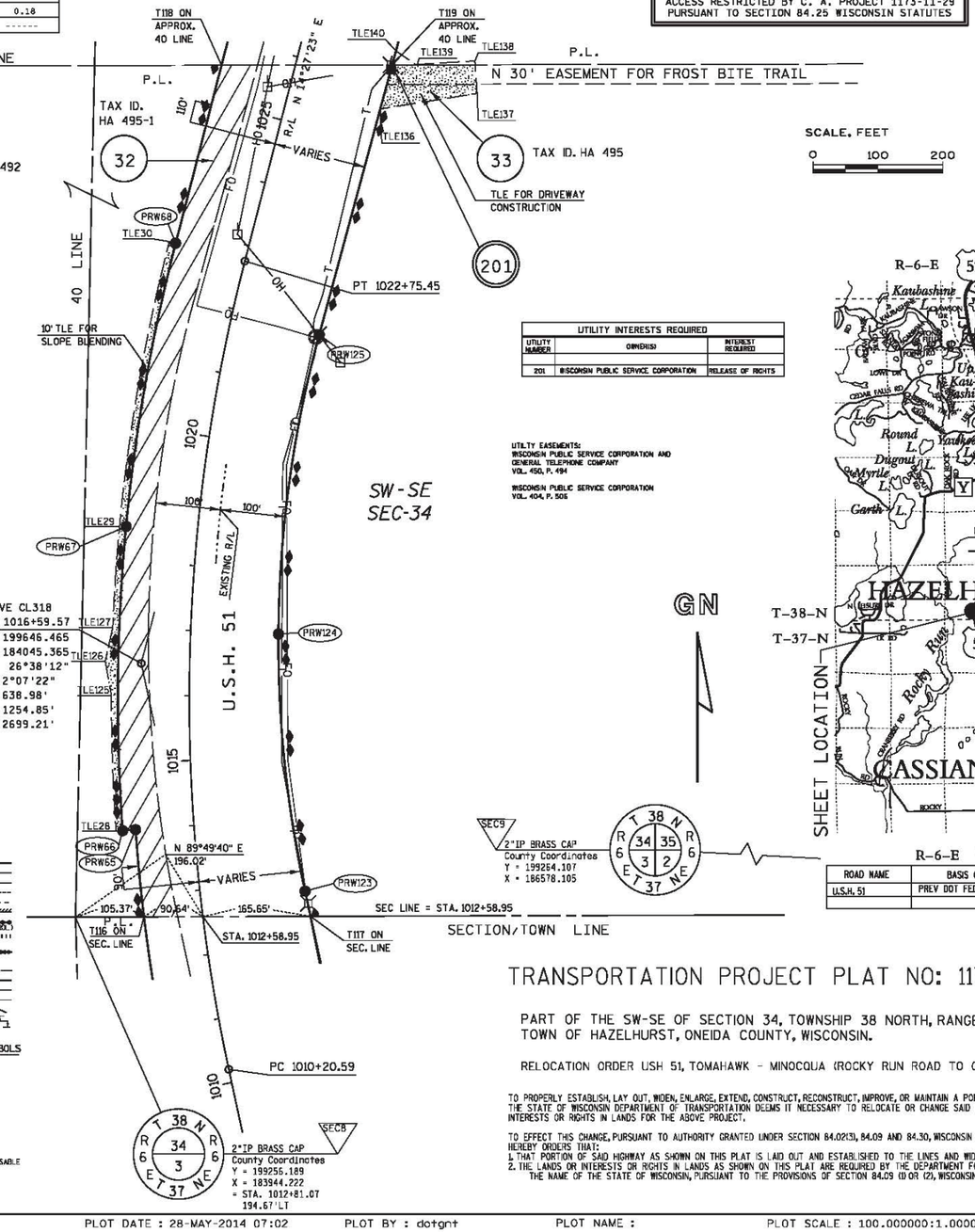
	COMPENSABLE	COMPENSABLE
WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES	OH	
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
	NON COMPENSABLE	
POWER POLE	●	●
TELEPHONE POLE	■	■
TELEPHONE PEDESTAL	X	X
ELECTRIC TOWER	⊠	

I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095, WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

JEFFREY T. BROCK — Jeffrey T. Brock — 5-28-2014
PRINTED NAME — SIGNATURE — DATE

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

BRENT L. STELLA — Brent L. Stella — 5-28-14
PRINTED NAME — SIGNATURE — DATE



CONTROLLED ACCESS

ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
201	WISCONSIN PUBLIC SERVICE CORPORATION	RELEASE OF RIGHTS

UTILITY EASEMENTS:
WISCONSIN PUBLIC SERVICE CORPORATION AND GENERAL TELEPHONE COMPANY
VOL. 450, P. 494

WISCONSIN PUBLIC SERVICE CORPORATION
VOL. 404, P. 506

SEC9
2"IP BRASS CAP
County Coordinates
Y = 199264.107
X = 186578.105

SEC8
2"IP BRASS CAP
County Coordinates
Y = 199256.189
X = 183944.222
= STA. 1012+81.07
194.67'LT

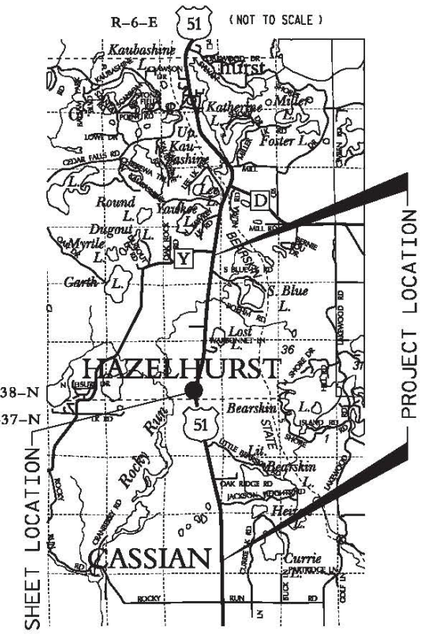
T 38 N R 6 E — 34 35 3 2 — 37 NE

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 3:45 PM ON June 6, 2014 AS DOCUMENT # 739854 AND FILED IN Vol. 1 Plat page 53

Alissa DeMarb, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.13
AMENDMENT NO:

R-6-E (NOT TO SCALE)



R-6-E (NOT TO SCALE)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJN 7948	1933

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.13

PART OF THE SW-SE OF SECTION 34, TOWNSHIP 38 NORTH, RANGE 6 EAST, TOWN OF HAZELHURST, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

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FILE NAME : P:\projects\d4_11771100ec\040413_rp.dgn
APPRAISAL PLAT DATE : 2-17-2014

PLOT DATE : 28-MAY-2014 07:02 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	236	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

742304

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
			NEW	EXISTING	TOTAL	
34	45N 89W LLC	FEE, TLE	1.62	0.73	2.35	1.31
35	JAMES & MAXINE MULLEADY REV TRUST MULLEADY REALTY	FEE, TLE	0.29	------	0.29	0.06
36	SCOTT L. & KAY M. SCHWITZ	TLE		------		0.17

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

◆◆◆ CONTROLLED ACCESS ◆◆◆

ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

"PRN??? PRN???" = LONG CHORD BEARING & LONG CHORD DIST OF CURVE

COURSE TABLE			
FROM	TO	BEARING	DIST.
QTR121	SIXT15	S 88°57'16" W	1263.93'
SIXT15	CTRS108	S 89°55'42" W	1264.52'
CTRS108	T120	N 89°55'42" E	503.80'
T120	T121	N 89°55'42" E	279.41'
T121	PRW126	S 15°08'36" W	581.82'
PRW126	T119	S 15°08'36" W	775.80'
T119	T118	S 89°52'55" W	262.64'
T118	PRN69	N 14°27'23" E	741.83'
PRN69	T120	N 14°27'23" E	611.68'

SCHEDULE OF SIGN STRUCTURES		
SIGN NUMBER	SIGN OWNER	OASIS NO.
35-1	MULLEADY REALTY JAMES & MAXINE MULLEADY REV TRUST	11046

NOTES:

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CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR
ACCESS RIGHTS	AR	REMAINING	REM.
ACRES	AC.	RIGHT-OF-WAY	R/W
AND OTHERS	ET.AL.	SECTION	SEC.
CENTERLINE	C/L	STATION	STA.
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE
CORNER	COR.	VOLUME	V.
DOCUMENT	DOC.		
EASEMENT	EASE.	CURVE DATA	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LCH
LAND CONTRACT	LC	LONG CHORD BEARING	LCB
MONUMENT	MON.	RADIUS	R
PAGE	P.	DEGREE OF CURVE	D
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA
PROPERTY LINE	PL	LENGTH OF CURVE	L
RECORDED AS	(ROD)	TANGENT	TAN
REFERENCE LINE	R/L		

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN; R/W MONUMENT; R/W STANDARD; SIGN; SECTION CORNER MONUMENT; SECTION CORNER SYMBOL; FEE, PATCH VARIES; TEMPORARY LIMITED EASEMENT; PERMANENT LIMITED EASEMENT; R/W BOUNDARY POINT; PARCEL NUMBER; SIGN NUMBER; BUILDING (OFF PREMISES); PROPOSED R/W LINE; EXISTING H.E. LINE; PROPERTY LINE; LOT & TIE LINES; SLOPE INTERCEPTS; CORPORATE LIMITS; ACCESS RESTRICTED (BY PREVIOUS ACQUISITION/CONTROL); ACCESS RESTRICTED (BY ACQUISITION); NO ACCESS (BY STATUTORY AUTHORITY); SECTION LINE; QUARTER LINE; SIXTEENTH LINE; EXISTING CENTERLINE; PROPOSED REFERENCE LINE; PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

	COMPENSABLE	COMPENSABLE
WATER		
GAS		
TELEPHONE		
OVERHEAD		
TRANSMISSION LINES		
ELECTRIC		
CABLE TELEVISION		
FIBER OPTIC		
SANITARY SEWER		
STORM SEWER		
POWER POLE	#	#
TELEPHONE POLE	#	#
TELEPHONE PEDESTAL	X	X
ELECTRIC TOWER	⊠	

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I, JEFFREY T. BROCK PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Jeffrey T. Brock DATE: 8-20-14

PRINT NAME: JEFFREY T. BROCK

REGISTRATION NUMBER: S-2642

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

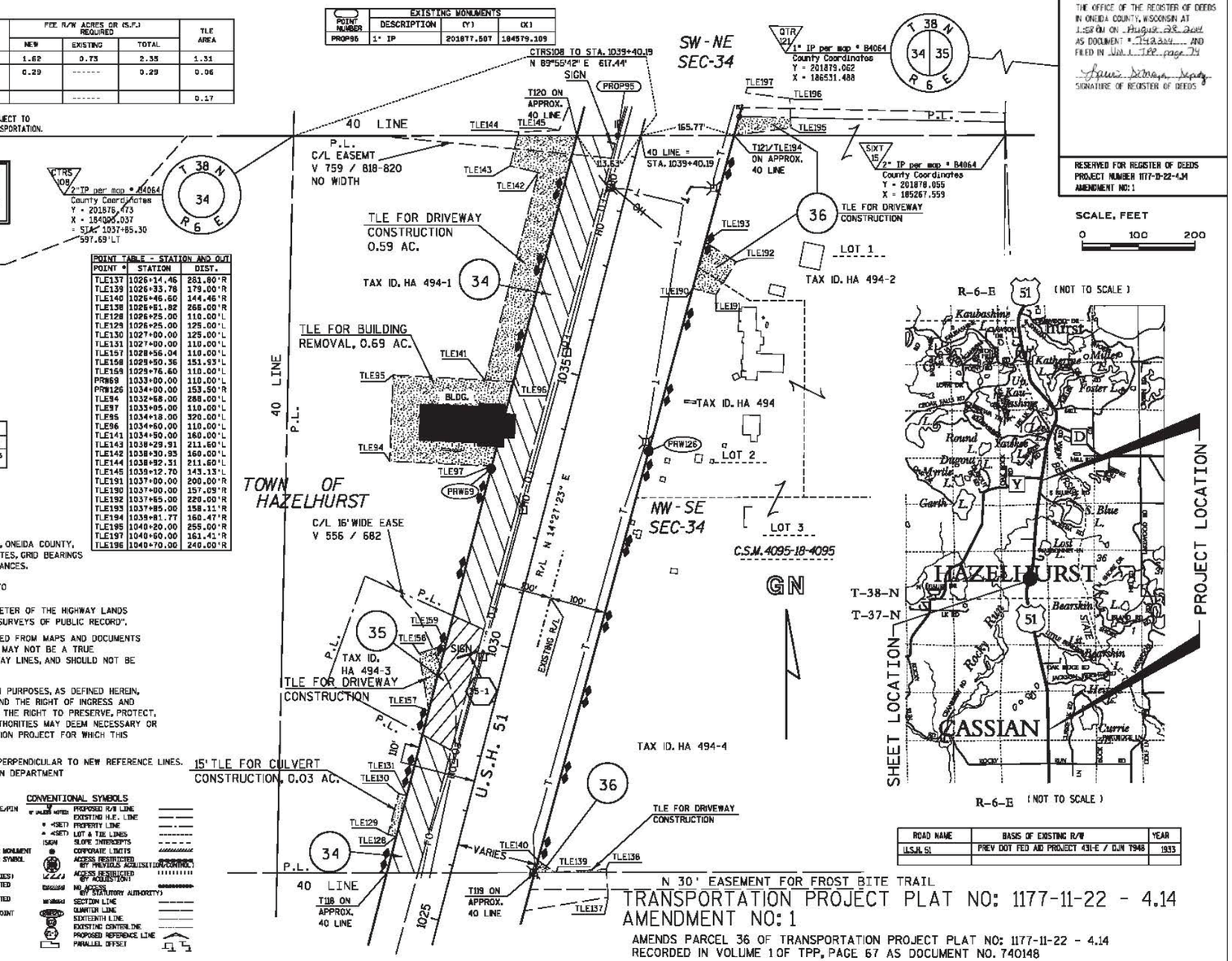
SIGNATURE: Brent L. Stella DATE: 8-19-14

PRINT NAME: BRENT L. STELLA

Jeffrey T. Brock S-2642 Rhinelander WI — WISCONSIN — LAND SURVEYOR

EXISTING MONUMENTS			
POINT NUMBER	DESCRIPTION	(Y)	(X)
PROP95	1" IP	201877.507	184579.109

POINT TABLE - STATION AND OUT		
POINT #	STATION	DIST.
TLE137	1026+14.46	281.80'R
TLE139	1026+33.78	179.00'R
TLE140	1026+46.60	144.46'R
TLE138	1026+61.82	268.00'R
TLE128	1026+75.00	110.00'L
TLE129	1026+25.00	125.00'L
TLE130	1027+00.00	125.00'L
TLE131	1027+00.00	110.00'L
TLE157	1028+56.04	110.00'L
TLE158	1029+50.36	151.93'L
TLE159	1029+76.60	110.00'L
PRN69	1033+00.00	110.00'L
PRW126	1034+00.00	153.50'R
TLE94	1032+58.00	288.00'L
TLE97	1033+05.00	110.00'L
TLE95	1034+18.00	320.00'L
TLE96	1034+60.00	110.00'L
TLE141	1034+50.00	160.00'L
TLE143	1038+29.31	211.60'L
TLE142	1038+30.93	160.00'L
TLE144	1038+92.31	211.60'L
TLE145	1039+12.70	143.13'L
TLE191	1037+00.00	200.00'R
TLE190	1037+00.00	157.09'R
TLE192	1037+65.00	220.00'R
TLE193	1037+85.00	158.11'R
TLE194	1039+81.77	160.47'R
TLE195	1040+20.00	255.00'R
TLE197	1040+60.00	161.41'R
TLE196	1040+70.00	240.00'R



ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJN 1948	1933

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 1:58 PM ON August 28, 2014 AS DOCUMENT # 742304 AND FILED IN Vol. 1 TPP page 74

Laura Schrage Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.14
AMENDMENT NO: 1

SCALE, FEET
0 100 200

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.14 AMENDMENT NO: 1

AMENDS PARCEL 36 OF TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.14 RECORDED IN VOLUME 1 OF TPP, PAGE 67 AS DOCUMENT NO. 740148

PART OF LOTS 1, 2 AND 3 OF CSM 4095 IN AND PART OF THE NW-SE AND SW-NE OF SECTION 34, TOWNSHIP 38 NORTH, RANGE 6 EAST, TOWN OF HAZELHURST, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

4.

FILE NAME : P:\projects\d4_11771100ec\040414_rp.dgn
APPRAISAL PLAT DATE : 3-25-2014

PLOT DATE : 18-AUG-2014 09:56 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	237	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

742305

SCHEDULE OF LANDS & INTERESTS REQUIRED

ALSO SEE SHEET ...4.???	PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED NEW	FEE R/W ACRES OR (S.F.) REQUIRED EXISTING	FEE R/W ACRES OR (S.F.) REQUIRED TOTAL	TLE AREA
	37	TOM ORGANISCAK & TOMMY O. INVESTMENTS, LLC	FEE, TLE	0.83	------	0.83	0.09
	38	HAROLD D. & CINDY L. LENIUS	FEE, TLE	1.44	------	1.44	0.24
4.15	43	TODD J. OEHRLEIN	TLE	------	------	------	0.10

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

"PRW??? PRW???" = LONG CHORD BEARING
& LONG CHORD DIST OF CURVE

COURSE TABLE

FROM	TO	BEARING	DIST.
QTR121	SIXT15	S 89°57'16" W	1263.93'
SIXT15	CTRS108	S 89°55'42" W	1264.52'
CTRS108	T120	N 89°55'42" E	503.80'
T120	PRW70	N 14°27'23" E	575.52'
PRW70	PRW71	S 75°32'37" E	10.00'
"PRW71	PRW73"	N 09°46'08" E	727.38'
PRW73	T122	W 05°04'50" E	35.62'
T122	T123	N 88°50'47" E	274.23'
T123	PROP103	S 04°30'53" W	145.26'
"PROP103	PRW127"	S 09°49'44" W	549.20'
PRW12T	T121	S 15°08'36" W	646.85'
T121	T120	S 89°55'42" W	279.41'

PROPOSED RIGHT-OF-WAY CURVE TABLE

Curve no. OR From - To		Radius	Delta	Arc Length	Chord Bearing	Chord Length
PRW71	PRW73	4450.01'	-9°22'33"	728.20'	N 09°48'06" E	727.38'
PROP103	PRW127	2954.79'	10°37'45"	549.98'	S 09°49'44" W	549.20'
PRW71	PRW72	4450.01'	-5°11'53"	403.73'	N 11°51'26" E	403.59'
PRW72	PRW73	4450.01'	-4°30'40"	324.47'	N 07°10'10" E	324.40'

POINT TABLE - STATION AND OUT

POINT #	STATION	DIST.
TLE194	1039+81.77	180.47'R
TLE195	1040+20.00	255.00'R
TLE197	1040+60.00	161.41'R
TLE196	1040+70.00	240.00'R
TLE198	1042+55.00	183.75'R
TLE199	1042+65.00	185.00'R
TLE200	1043+05.00	185.00'R
TLE201	1043+15.00	184.47'R
TLE144	1038+92.31	211.60'L
TLE145	1039+12.70	143.13'L
TLE146	1040+31.70	126.92'L
TLE147	1040+31.70	110.00'L
PRW70	1044+87.20	110.00'L
PRW71	1044+87.20	100.00'L
PRW127	1046+25.42	170.43'R
PRW72	1049+00.00	100.00'L
TLE31	1049+27.77	127.98'L
TLE32	1051+50.00	140.00'L
PROP103	1051+54.84	174.72'R
PRW73	1052+31.76	100.00'L
TLE120	1052+67.38	100.00'L

EXISTING MONUMENTS

POINT NUMBER	DESCRIPTION	(Y)	(X)
PROP94	1" IP	201930.870	184795.362
PROP95	1" IP	201877.507	184579.109
PROP96	1" IP	202357.518	184708.128
PROP401	1" IP	203185.984	184860.370
PROP100	MAP * B2054	202304.877	184955.980
PROP101	1" IRON PIPE	202567.013	184762.918
PROP102	1" IRON PIPE	203098.679	184850.185
PROP103	MAP * B2054	203344.910	185048.500
PROP104	MAP * B2054	203189.962	185060.998

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 1:58PM ON August 28, 2014 AS DOCUMENT # 739855 AND FILED IN Vol. 1 TPP page 75

Laurie DeMeyer, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.15
AMENDMENT NO: 1

CONTROLLED ACCESS

ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
200	FRONTIER NORTH INC.	RELEASE OF RIGHTS

CONVENTIONAL ABBREVIATIONS

ACCESS POINT / DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR
ACCESS RIGHTS	AR	REMAINING	REM.
ACRES	AC.	RIGHT-OF-WAY	R/W
AND OTHERS	ET.AL.	SECTION	SEC.
CENTERLINE	C/L	STATION	STA.
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE
CORNER	COR.	VOLUME	V.
DOCUMENT	DOC.		
EASEMENT	EASE.	**CURVE DATA**	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LCH
LAND CONTRACT	LC	LONG CHORD BEARING	LCB
MONUMENT	MON.	RADIUS	R
PAGE	P.	DEGREE OF CURVE	D
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA
PROPERTY LINE	PL	LENGTH OF CURVE	L
RECORDED AS	(RDD)	TANGENT	TAN
REFERENCE LINE	R/L		

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE
EXISTING H.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
ACCESS RESTRICTED (BY PREVIOUS ACQUISITION/CONTROL)
ACCESS RESTRICTED (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

WATER
GAS
TELEPHONE
OVERHEAD
TRANSMISSION LINES
ELECTRIC
CABLE TELEVISION
FIBER OPTIC
SANITARY SEWER
STORM SEWER
POWER POLE
TELEPHONE POLE
TELEPHONE PEDESTAL
ELECTRIC TOWER

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I, JEFFREY T. BROCK PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Jeffrey T. Brock DATE: 8-21-14
PRINT NAME: JEFFREY T. BROCK
REGISTRATION NUMBER: S-2642

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

SIGNATURE: Brent L. Stella DATE: 8-22-14
PRINT NAME: BRENT L. STELLA

WISCONSIN Jeffrey T. Brock S-2642 Rhinelander WI LAND SURVEYOR

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES. GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

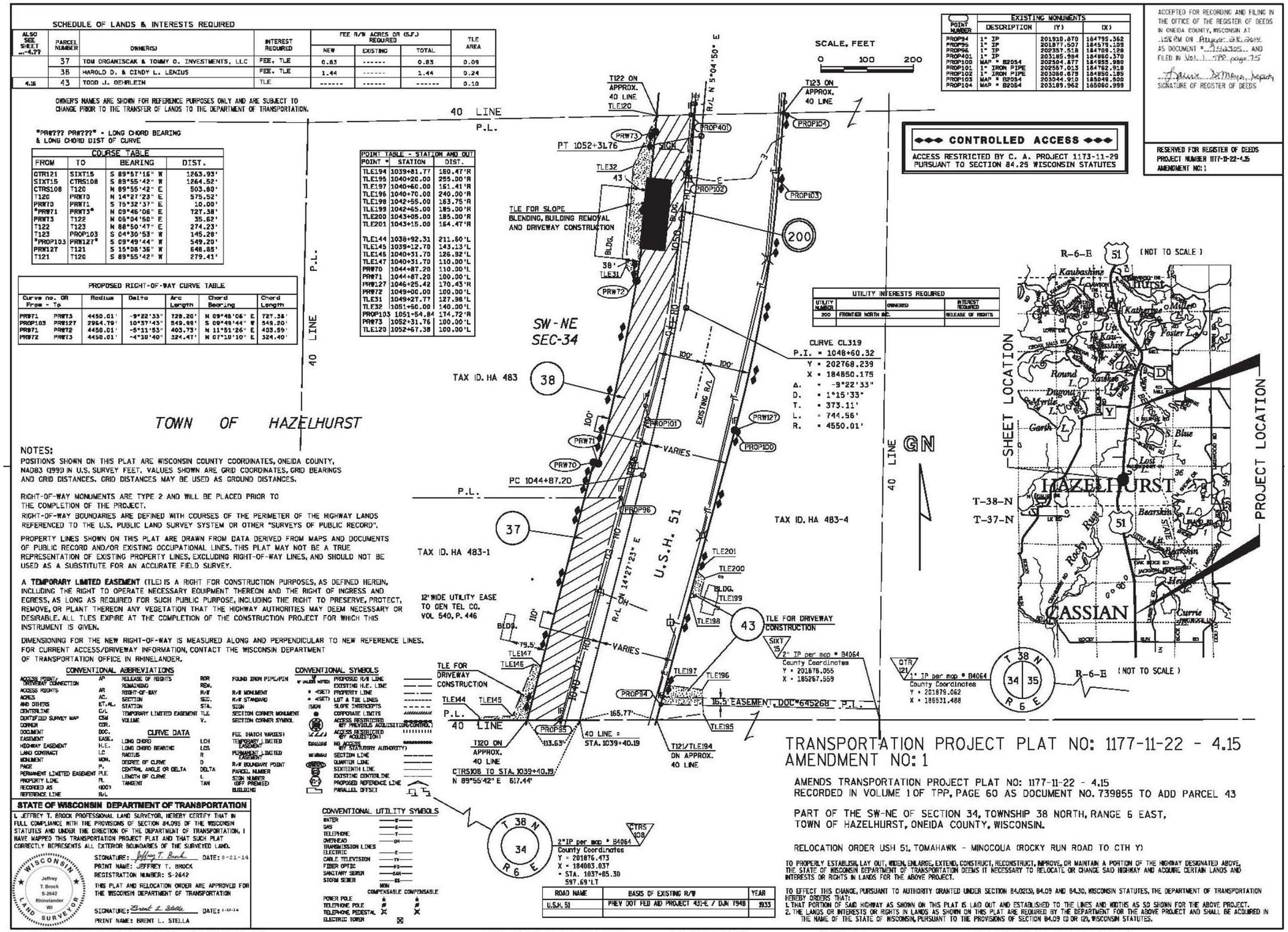
RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.



ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJN 7948	1933

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.15 AMENDMENT NO: 1

AMENDS TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.15
RECORDED IN VOLUME 1 OF TPP, PAGE 60 AS DOCUMENT NO. 739855 TO ADD PARCEL 43

PART OF THE SW-NE OF SECTION 34, TOWNSHIP 38 NORTH, RANGE 6 EAST, TOWN OF HAZELHURST, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_11771100ec\040415_rp.dgn PLOT DATE : 18-AUG-2014 09:58 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000
APPRAISAL PLAT DATE : 3-27-2014

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	238	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

740733

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
			NEW	EXISTING	TOTAL	
40	JAMES A. TURNQUIST	FEE, TLE	0.59	------	0.59	0.085
41	ONEIDA COUNTY	FEE, TLE	0.05	------	0.05	0.027
42	THOMAS J. SONDEJ	FEE, TLE	0.40	------	0.40	0.058
43	TOD J. OEHRLEIN	FEE	0.22	------	0.22	------
45	NANCY G. HILGER	FEE, TLE	1.09	------	1.09	0.31

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

SCALE, FEET
0 100 200

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 2:00PM ON July 8, 2014 AS DOCUMENT # 740733 AND FILED IN Vol. 1 TPP page 68
Laurie Bomaya, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.16
AMENDMENT NO: 1

QTR1
1 1/4" IP
County Coordinates
Y = 204462.136
X = 184062.264
T 38 N R 6 E 27 34

QTR103
MEANDER CORNER
ALUM PIPE W/ ONEIDA CO CAPS
County Coordinates
Y = 204902.137
X = 185686.755
T 38 N R 6 E 27 34 MC

QTR1 TO STA. 1065+82.48
N 88°35'22" E 940.63'

SEC LINE = STA. 1065+82.48
160.76'

T125 ON SEC. LINE

T124 ON SEC. LINE

TLE96

120.77'

IP

PROP98

SECTION LINE

P.L.

POINT NUMBER	EXISTING MONUMENTS DESCRIPTION	(Y)	(X)
PROP98	1" IP	204484.279	184962.906
PROP104	MAG + B2054	203389.962	185060.999
PROP300	2" IP	203827.477	185295.456
PROP301	1" IP	203632.114	185254.106
PROP302	2" IP	203894.308	185298.657
PROP400	1" REBAR	203826.255	184910.966
PROP401	1" IP	203385.954	184859.370
PROP404	1" IP	203580.143	184780.633
PROP405	1" IP	203647.143	184710.703

TLE FOR SLOPE BLENDING & DRIVEWAY CONSTRUCTION, 0.19 AC.

TLE55

TLE54

BLDG.

TLE53

74'

PRW75

TLE90

PRW74

15' TLE FOR SLOPE BLENDING 0.12 AC.

TOWN OF HAZELHURST

TAX ID. HA 482-1

45

NW-NE SEC-34

U.S.H. 51

100'

EXISTING R/L

TLE107

TLE106

TLE73

TLE72

PROP400

PRW114

PRW113

PRW112

TAX ID. HA 482-4

42

LOT 1

HAZELCREST CONDOMINIUM PLAT

LOT 2

15' TLE FOR SLOPE BLENDING AND BUILDING REMOVAL

C.S.M. 654-1-654

UTILITY EASEMENT: GENERAL TELEPHONE COMPANY VOL. 434, P. 385

P.L.

IP

BLDG.

PROP405

TLE71

PROP404

IP

TLE79

TLE162

TAX ID. HA 1140 THRU 1147

41

40 LINE

UTILITY EASEMENTS GENERAL TELEPHONE COMPANY VOL. 430, P. 150 / VOL. 438, P. 385

EASEMENT FOR CONDO VOL 420, P. 360, 361

UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
200	FRONTIER NORTH INC.	RELEASE OF RIGHTS

200

TLE163

TLE164

TLE FOR MULTI-DRIVEWAY CONSTRUCTION

100'

TAX ID. HA 482-2

40

VARIES

R/L S 5°04'50" E

R/L N 5°04'50" W

105.80'

R/L

43

TAX ID. HA 482-3

T123 ON APPROX. 40 LINE

T122 ON APPROX. 40 LINE

PRW73

PROP401

PT 1052+31.76

PROP104

PROP302

PT 13+09.75
Y = 203665.372
X = 185240.843

S 85°10'

STA 1057+89.15
PC 10+00.00
Y = 203695.088
X = 184932.577

PRW111

PRW110

PROP301

PROP300

WARBONNET LANE

GN

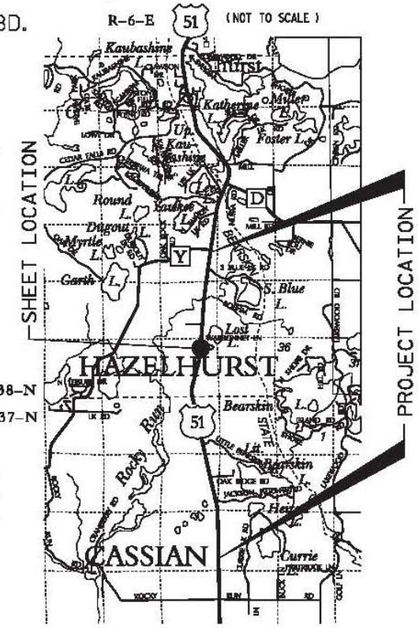
CONTROLLED ACCESS

ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

WARBONNET WOODS SUBD.

CURVE CL371
P.I. = 12+49.65
Y = 203674.065
X = 185181.348
Δ. = 3°28'58"
D. = 2°53'49"
T. = 60.13'
L. = 120.22'
R. = 1977.78'
P.C. = 11+89.53
P.T. = 13+09.75

R-6-E (NOT TO SCALE)



R-6-E (NOT TO SCALE)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJN 7948	1933
WARBONNET LANE	DOC#237533, VOL 539, P. 521	1986

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

POINT TABLE - STATION AND OUT		
POINT #	STATION	DIST.
PRW73	1052+31.76	100.00'L
TLE163	1055+60.00	143.00'L
TLE164	1055+80.00	163.00'L
TLE162	1056+00.00	157.00'L
TLE70	1056+40.00	146.00'L
TLE71	1056+80.00	115.00'L
PRW110	1057+00.00	168.63'R
TLE72	1058+50.00	115.00'L
TLE73	1058+90.00	100.00'L
PRW114	1058+67.60	165.97'R
TLE106	1059+60.00	100.00'L
TLE107	1059+60.00	115.00'L
TLE90	1063+00.00	115.00'L
PRW74	1063+00.00	100.00'L
PRW75	1063+00.00	120.00'L
TLE53	1063+70.43	120.00'L
TLE54	1063+70.43	180.00'L
TLE55	1064+42.12	180.00'L
TLE98	1065+87.94	120.00'L
WARBONNETT LN.		
PRW114	11+67.31	77.71'L
PRW110	11+68.24	85.89'R
PRW113	12+70.00	80.00'L
PRW111	13+09.75	32.36'R
PRW112	13+09.75	33.83'L

COURSE TABLE			
FROM	TO	BEARING	DIST.
QTR103	QTR1	S 88°35'22" W	1624.96'
QTR1	T124	N 88°35'22" E	820.06'
T124	T125	N 88°35'22" E	281.53'
T125	PRW114	S 04°30'52" W	733.09'
PRW114	PRW113	S 85°29'07" E	105.92'
PRW113	PRW112	S 33°47'45" E	61.57'
PRW112	PRW111	S 08°18'47" W	66.19'
PRW111	PRW110	S 73°41'09" W	149.54'
PRW110	T123	S 04°30'53" W	402.86'
T123	T122	S 88°50'47" W	274.23'
T122	PRW74	N 05°04'50" E	1032.62'
PRW74	PRW75	N 84°55'10" W	20.00'
PRW75	T124	N 05°04'50" E	268.93'

CONVENTIONAL ABBREVIATIONS

ACCESS POINT, DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR
ACCESS RIGHTS	AR	REMAINING	REM.
ACRES	AC.	RIGHT-OF-WAY	R/W
AND OTHERS	ET.AL.	SECTION	SEC.
CENTERLINE	C/L	STATION	STA.
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE
CORNER	COR.	VOLUME	V.
DOCUMENT	DOC.		
EASEMENT	EASE.		
HIGHWAY EASEMENT	H.E.		
LAND CONTRACT	LC		
MONUMENT	MON.		
PAGE	P.		
PERMANENT LIMITED EASEMENT	PLE		
PROPERTY LINE	PL		
RECORDED AS	(REC)		
REFERENCE LINE	R/L		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE OR DELTA	DELTA
LENGTH OF CURVE	L
TANGENT	TAN

FOUND IRON PIPE/PIN	
R/W MONUMENT	● =SET)
R/W STANDARD	▲ =SET)
SIGN	(SIGN
SECTION CORNER MONUMENT	⊕
SECTION CORNER SYMBOL	
FEE (WIDTH VARIES)	
TEMPORARY LIMITED EASEMENT	
PERMANENT LIMITED EASEMENT	
R/W BOUNDARY POINT	
PARCEL NUMBER	
SIGN NUMBER (OFF PREMISES)	
BUILDING	

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE	
EXISTING H.E. LINE	
PROPERTY LINE	
LOT & TIE LINES	
SLOPE INTERCEPTS	
CORPORATE LIMITS	
ACCESS RESTRICTED (BY PREVIOUS ACQUISITION OR CONTROL)	
ACCESS RESTRICTED (BY ACQUISITION)	
NO ACCESS (BY STATUTORY AUTHORITY)	
SECTION LINE	
QUARTER LINE	
SIXTEENTH LINE	
EXISTING CENTERLINE	
PROPOSED REFERENCE LINE	
PARALLEL OFFSET	

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	ST
	MON COMPENSABLE COMPENSABLE
POWER POLE	● ●
TELEPHONE POLE	● ●
TELEPHONE PEDESTAL	X X
ELECTRIC TOWER	⊠

I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095, WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

JEFFREY T. BROCK — Jeffrey T. Brock — 7-02-2014
PRINTED NAME — SIGNATURE — DATE

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

BRENT L. STELLA — Brent L. Stella — 7-2-2014
PRINTED NAME — SIGNATURE — DATE

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.16 AMENDMENT NO. 1

AMENDS PARCELS 40, 41 AND 42 OF TRANSPORTATION PROJECT PLAT NO: 1177-11-22-4.16 RECORDED IN VOLUME 1 OF TPP, PAGE 61 AS DOCUMENT NO. 739856

PART OF LOT 1 HAZELCREST CONDOMINIUM PLAT, LOT 2 OF CSM 654 AND THE NW-NE OF SECTION 34, TOWNSHIP 38 NORTH, RANGE 6 EAST, TOWN OF HAZELHURST, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_1177110dec\040416_rp.dgn
APPRAISAL PLAT DATE : 6-30-2014
PLOT DATE : 02-JUL-2014 07:29 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	239	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

739857

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
			NEW	EXISTING	TOTAL	
51	KENNETH T. & CHRISTINE M. THANIG	FEE, TLE	0.95	------	0.95	0.38
52	BACHHUBER FAMILY TRUST	FEE, TLE	1.31	------	1.31	0.01

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

CONTROLLED ACCESS
ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

SCALE, FEET
0 100 200

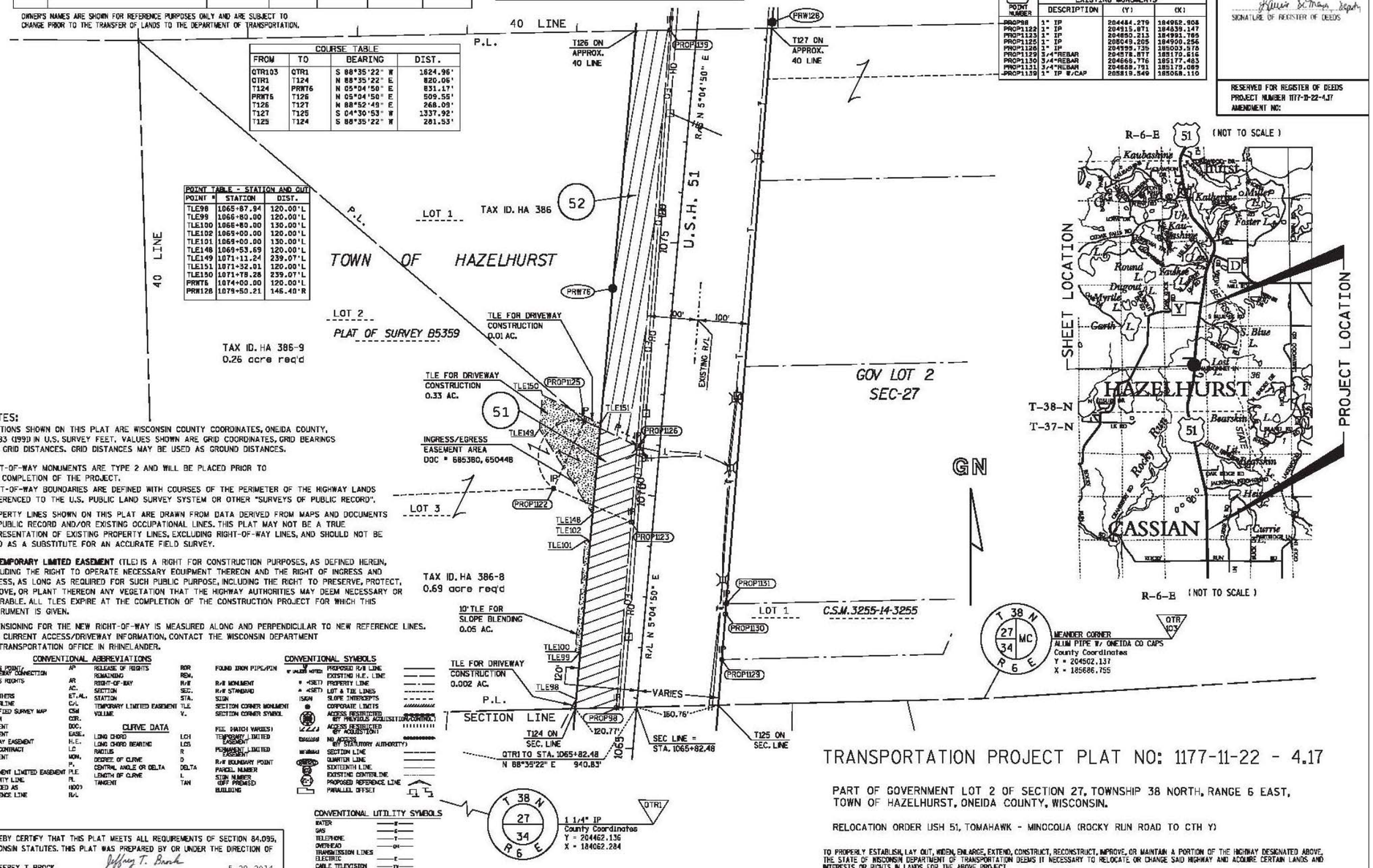
ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 2:45 PM ON June 6, 2014 AS DOCUMENT # 739857 AND FILED IN Vol. 1 TPP page 67
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.17
AMENDMENT NO:

POINT NUMBER	EXISTING MONUMENTS DESCRIPTION	(Y)	(X)
PROP98	1" IP	204484.279	184962.804
PROP1122	1" IP	204915.871	184639.147
PROP1123	1" IP	204850.213	184991.765
PROP1125	1" IP	205049.205	184990.256
PROP1126	1" IP	204999.735	185003.576
PROP1129	3/4"REBAR	204578.877	185170.616
PROP1130	3/4"REBAR	204668.776	185177.483
PROP1131	3/4"REBAR	204688.791	185179.089
PROP1139	1" IP W/CAP	205819.549	185068.110

COURSE TABLE			
FROM	TO	BEARING	DIST.
QTR103	QTR1	S 88°35'22" W	1824.96'
QTR1	T124	N 88°35'22" E	820.06'
T124	PRMT6	N 05°04'50" E	831.17'
PRMT5	T126	N 05°04'50" E	509.55'
T126	T127	N 88°52'49" E	268.09'
T127	T125	S 04°30'53" W	1337.92'
T125	T124	S 88°35'22" W	281.53'

POINT TABLE - STATION AND OFF		
POINT #	STATION	DIST.
TLE98	1065+87.84	120.00'L
TLE99	1066+80.00	120.00'L
TLE100	1066+80.00	130.00'L
TLE102	1069+00.00	120.00'L
TLE101	1069+00.00	130.00'L
TLE148	1069+53.69	120.00'L
TLE149	1071+11.24	239.07'L
TLE151	1071+32.01	120.00'L
TLE150	1071+78.28	239.07'L
PRMT6	1074+00.00	120.00'L
PRM128	1079+50.21	146.48'R



R-6-E (NOT TO SCALE)

R-6-E (NOT TO SCALE)

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.17

PART OF GOVERNMENT LOT 2 OF SECTION 27, TOWNSHIP 38 NORTH, RANGE 6 EAST, TOWN OF HAZELHURST, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.0213, 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJM T948	1933

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT, DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMAINING	REM.		
ACRES	AC.	RIGHT-OF-WAY	R/W	R/W MONUMENT	
AND OTHERS	ET.AL.	SECTION	SEC.	R/W STANDARD	
CENTERLINE	C/L	STATION	STA.	SIGN	
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER MONUMENT	
CORNER	COR.	VOLUME	V.	SECTION CORNER SYMBOL	
DOCUMENT	DOC.			FEE (WIDTH VARIES)	
EASEMENT	EASE.	CURVE DATA		TEMPORARY LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LCH	PERMANENT LIMITED EASEMENT	
LAND CONTRACT	LC	LONG CHORD BEARING	LCB	R/W BOUNDARY POINT	
MONUMENT	MON.	RADIUS	R	PARCEL NUMBER	
PAGE	P.	DEGREE OF CURVE	D	SIGN NUMBER	
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA	OFF PREMISES BUILDING	
PROPERTY LINE	PL	LENGTH OF CURVE	L		
RECORDED AS	(RDD)	TANGENT	TAN		
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE	
EXISTING H.E. LINE	
PROPERTY LINE	
LOT & TIE LINES	
SLOPE INTERCEPTS	
CORPORATE LIMITS	
ACCESS RESTRICTED (BY PREVIOUS ACQUISITION/CONTROL)	
ACCESS RESTRICTED (BY AGREEMENT)	
NO ACCESS (BY STATUTORY AUTHORITY)	
SECTION LINE	
QUARTER LINE	
SIXTEENTH LINE	
EXISTING CENTERLINE	
PROPOSED REFERENCE LINE	
PARALLEL OFFSET	

CONVENTIONAL UTILITY SYMBOLS

WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD	OH	
TRANSMISSION LINES		
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
	NON COMPENSABLE	COMPENSABLE
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		
ELECTRIC TOWER		

I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095, WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

JEFFREY T. BROCK — Jeffrey T. Brock — 5-28-2014
PRINTED NAME — SIGNATURE — DATE

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

BRENT L. STELLA — Brent L. Stella — 5-28-14
PRINTED NAME — SIGNATURE — DATE

FILE NAME : P:\projects\d4_11771100ec\040417_rp.dgn
APPRAISAL PLAT DATE : 2-17-2014
PLOT DATE : 28-MAY-2014 08:39 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	240	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

742306

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
			NEW	EXISTING	TOTAL	
55	ROBERT K. METROPULOS	FEE, TLE	1.08	------	1.08	0.14
56	EDITH A. BOBRINSKI TRUST	TLE	----	----	----	0.06
57	DENNIS & DORENE TYCZYNSKI (TRUST)	FEE	1.48	1.73	3.21	------
132	MICHAEL C. & LISA TEPP-LAWRENCE	FEE	0.21	------	0.21	------

◆◆◆ CONTROLLED ACCESS ◆◆◆

ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

POINT NUMBER	EXISTING MONUMENTS		
	DESCRIPTION	(Y)	(X)
PROP1139	1" IP W/CAP	205839.549	185068.110
PROP1159	1" IP W/CAP	206408.919	184899.635

SCALE, FEET

0 100 200

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 1:58 PM ON August 28, 2014 AS DOCUMENT # 742306 AND FILED IN Vol. 102 page 76.

Laura L. DeMaye, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.18
AMENDMENT NO: 1

NOTES:

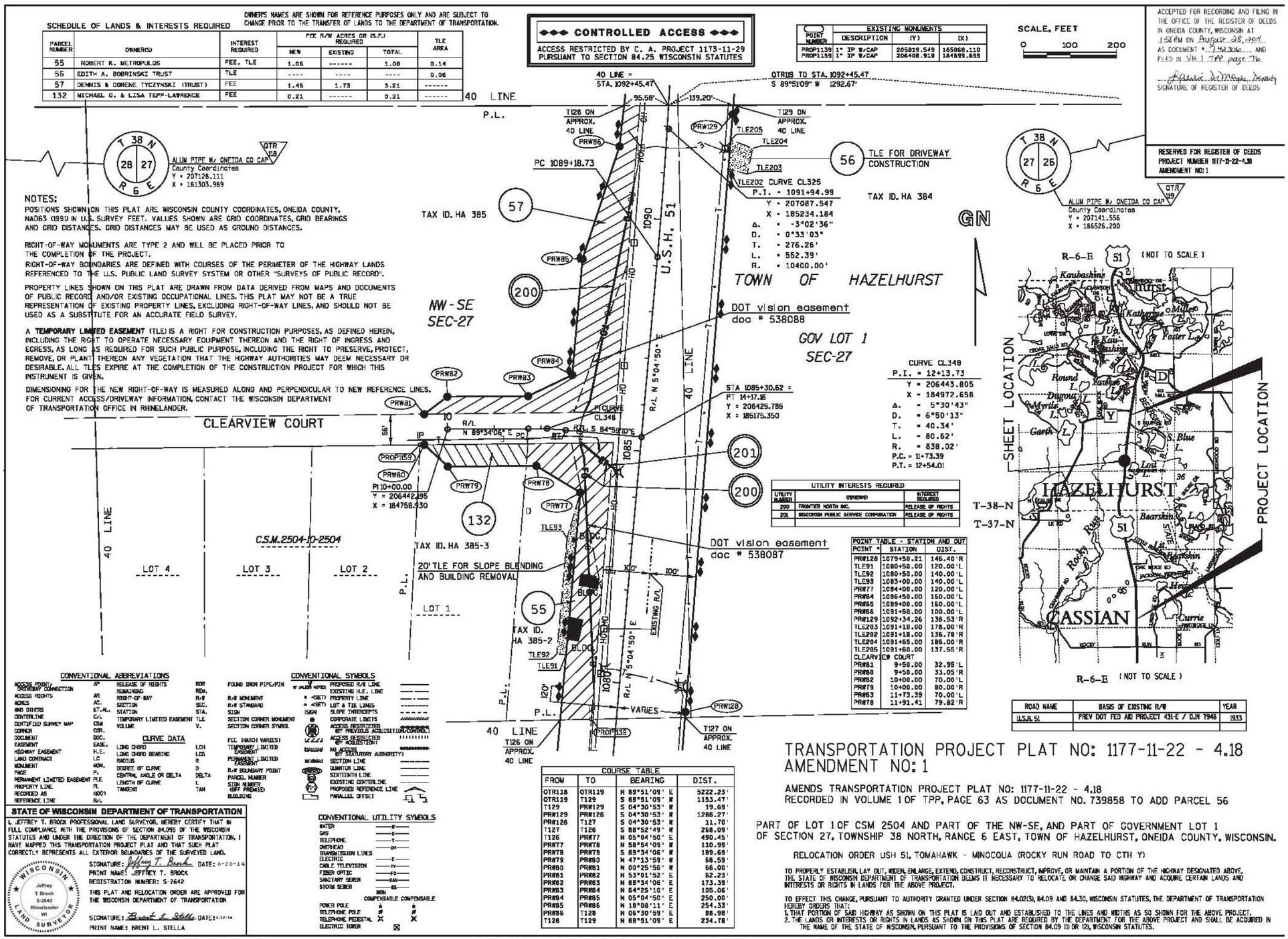
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.



UTILITY NUMBER	OWNERS	INTEREST REQUIRED
200	FRONTIER NORTH INC.	RELEASE OF RIGHTS
201	WISCONSIN PUBLIC SERVICE CORPORATION	RELEASE OF RIGHTS

POINT *	STATION	DIST.
PRW128	1079+50.21	146.40'R
TLE91	1080+50.00	120.00'L
TLE92	1080+50.00	140.00'L
TLE93	1083+00.00	140.00'L
PRW77	1084+00.00	120.00'L
PRW84	1086+50.00	160.00'L
PRW85	1089+00.00	150.00'L
PRW86	1091+50.00	100.00'L
PRW129	1092+34.26	136.53'R
TLE203	1091+10.00	176.00'R
TLE202	1091+18.00	136.78'R
TLE204	1091+65.00	186.00'R
TLE205	1091+80.00	137.55'R
CLEARVIEW COURT		
PRW81	9+50.00	32.95'L
PRW80	9+50.00	33.05'R
PRW82	10+00.00	70.00'L
PRW79	10+00.00	80.00'R
PRW83	11+73.39	70.00'L
PRW78	11+91.41	79.82'R

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJN 1948	1933

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMAINING RIGHT-OF-WAY	REM. R/W	R/W MONUMENT	
ACRES	AC.	SECTION	SEC.	R/W STANDARD	
AND OTHERS	ET.AL.	STATION	STA.	SIGN	
CENTERLINE	C/L	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER MONUMENT	
CERTIFIED SURVEY MAP	CSM	VOLUME	V.	SECTION CORNER SYMBOL	
CORNER	COR.				
DOCUMENT	DOC.	CURVE DATA		FEE (HATCH VARIES)	
EASEMENT	EASE.	LONG CHORD	LCH	TEMPORARY LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.	LONG CHORD BEARING	LCB	PERMANENT LIMITED EASEMENT	
LAND CONTRACT	LC	RADIUS	R		
MONUMENT	MON.	DEGREE OF CURVE	D	R/W BOUNDARY POINT	
PAGE	P.	CENTRAL ANGLE OR DELTA	DELTA	PARCEL NUMBER	
PERMANENT LIMITED EASEMENT	PLE	LENGTH OF CURVE	L	SIGN NUMBER	
PROPERTY LINE	PL	TANGENT	TAN	OBY PREMISED	
RECORDED AS	(000')			BUILDING	
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE	
EXISTING H.E. LINE	
PROPERTY LINE	
LOT & TIE LINES	
SLOPE INTERCEPTS	
CORPORATE LIMITS	
ACCESS RESTRICTED BY PREVIOUS ACQUISITION (CONTROL)	
ACCESS RESTRICTED BY ACQUISITION	
NO ACCESS BY STATUTORY AUTHORITY	
SECTION LINE	
QUARTER LINE	
SIXTEENTH LINE	
EXISTING CENTERLINE	
PROPOSED REFERENCE LINE	
PARALLEL OFFSET	

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD	OH
TRANSMISSION LINES ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS
	NON COMPENSABLE / COMPENSABLE
POWER POLE	
TELEPHONE POLE	
TELEPHONE PEDESTAL	
ELECTRIC TOWER	

COURSE TABLE

FROM	TO	BEARING	DIST.
QTR118	QTR119	N 89°51'09" E	5222.23'
QTR119	T129	S 89°51'09" W	1153.47'
T129	PRW129	S 04°30'53" W	19.69'
PRW129	PRW128	S 04°30'53" W	1286.27'
PRW128	T127	S 04°30'53" W	11.70'
T127	T126	S 88°52'49" W	268.09'
T126	PRW77	N 05°04'50" E	490.45'
PRW77	PRW78	N 58°54'09" W	110.99'
PRW78	PRW79	S 83°34'06" W	189.69'
PRW79	PRW80	N 47°13'59" W	68.59'
PRW80	PRW81	N 00°25'56" W	66.00'
PRW81	PRW82	N 53°01'52" E	82.23'
PRW82	PRW83	N 89°34'06" E	173.39'
PRW83	PRW84	N 84°25'10" E	105.06'
PRW84	PRW85	N 05°04'50" E	250.00'
PRW85	PRW86	N 18°08'11" E	254.33'
PRW86	T128	N 05°30'59" E	88.98'
T128	T129	N 89°51'09" E	234.78'

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I, JEFFREY T. BROCK PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN LAND SURVEYOR Jeffrey T. Brock S-2642 Rhinelander WI

SIGNATURE: Jeffrey T. Brock DATE: 8-20-14
PRINT NAME: JEFFREY T. BROCK
REGISTRATION NUMBER: S-2642

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

SIGNATURE: Brent L. Stella DATE: 8-19-14
PRINT NAME: BRENT L. STELLA

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.18 AMENDMENT NO: 1

AMENDS TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.18 RECORDED IN VOLUME 1 OF TPP, PAGE 63 AS DOCUMENT NO. 739858 TO ADD PARCEL 56

PART OF LOT 1 OF CSM 2504 AND PART OF THE NW-SE, AND PART OF GOVERNMENT LOT 1 OF SECTION 27, TOWNSHIP 38 NORTH, RANGE 6 EAST, TOWN OF HAZELHURST, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.0213), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_11771100ec\040418_rp.dgn PLOT DATE : 18-AUG-2014 10:01 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000
APPRAISAL PLAT DATE : 12-19-2013

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	241	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
			NEW	EXISTING	TOTAL	
58	SCOTT A. & DAWNMARIE J. ECCLESTON	FEE, TLE	1.43	-------	1.43	0.06
59	ERIK R. JOHNSON & JAMES G. OLSEN	FEE	0.03	-------	0.03	-------
60	YAWKEY 5 LLC	FEE, TLE	0.48	-------	0.48	0.02
61	JOHN FISHER ET AL	FEE	0.21	-------	0.21	-------

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

CONTROLLED ACCESS

ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

SCALE, FEET
0 100 200

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 3:35 P.M ON June 4, 2014 AS DOCUMENT # 739859 AND FILED IN Vol. 1 TAY page 64
Laura Schaefer, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.19
AMENDMENT NO:

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

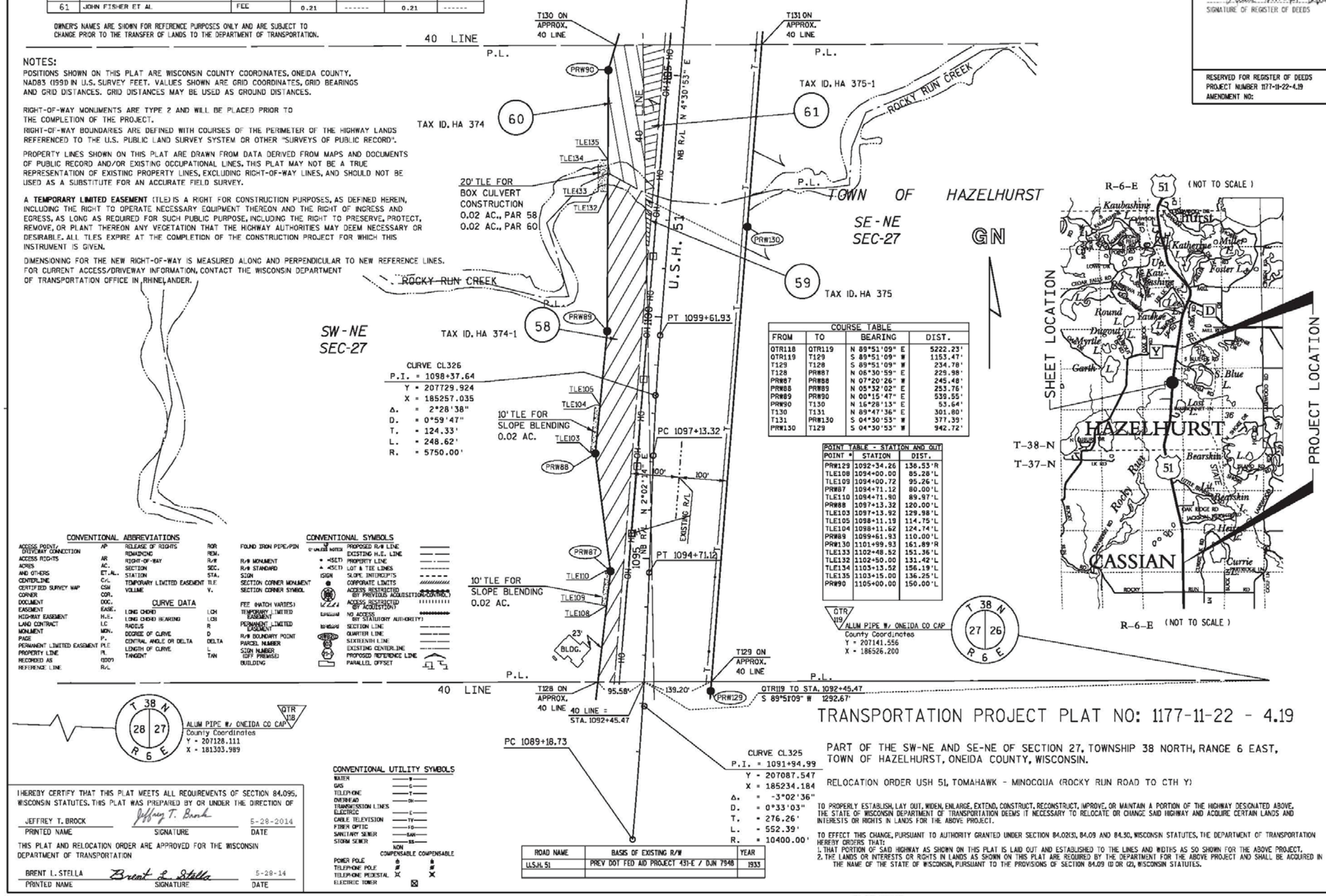
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.



COURSE TABLE			
FROM	TO	BEARING	DIST.
QTR118	QTR119	N 89°51'09" E	5222.23'
QTR119	T129	S 89°51'09" W	1153.47'
T129	T128	S 89°51'09" W	234.78'
T128	PRW87	N 08°30'59" E	229.98'
PRW87	PRW88	N 07°20'26" W	245.48'
PRW88	PRW89	N 05°32'02" E	253.76'
PRW89	PRW90	N 00°15'47" E	539.55'
PRW90	T130	N 16°28'13" E	53.64'
T130	T131	N 89°47'36" E	301.80'
T131	PRW130	S 04°30'53" W	377.39'
PRW130	T129	S 04°30'53" W	942.72'

POINT TABLE - STATION AND OUT		
POINT #	STATION	DIST.
PRW129	1092+34.26	138.53'R
TLE108	1094+00.00	85.28'L
TLE109	1094+00.72	95.26'L
PRW87	1094+71.12	80.00'L
TLE110	1094+71.90	89.97'L
PRW88	1097+13.32	120.00'L
TLE103	1097+13.92	129.98'L
TLE105	1098+11.19	114.75'L
TLE104	1098+11.62	124.74'L
PRW89	1099+61.93	110.00'L
PRW130	1101+99.93	161.89'R
TLE133	1102+48.52	151.36'L
TLE132	1102+50.00	131.42'L
TLE134	1103+13.52	156.19'L
TLE135	1103+15.00	136.25'L
PRW90	1105+00.00	150.00'L

R-6-E (NOT TO SCALE)

QTR 119 — ALUM PIPE W/ ONEIDA CO CAP
County Coordinates
Y = 207141.556
X = 186526.200

T 38 N, R 6 E, Sec. 27 | 26

QTR 118 — ALUM PIPE W/ ONEIDA CO CAP
County Coordinates
Y = 207128.111
X = 181303.989

T 38 N, R 6 E, Sec. 28 | 27

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMARKING	REM.		
ACRES	AC.	RIGHT-OF-WAY	R/W	R/B MONUMENT	
AND OTHERS	ET.AL.	SECTION	SEC.	R/B STANDARD	
CENTERLINE	C/L	STATION	STA.	SIGN	
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER MONUMENT	
CORNER	COR.	VOLUME	V.	SECTION CORNER SYMBOL	
DOCUMENT	DOC.				
EASEMENT	EASE.	CURVE DATA		FEE (WATCH VARIES)	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LCH	TEMPORARY LIMITED EASEMENT	
LAND CONTRACT	LC	LONG CHORD BEARING	LCB	PERMANENT LIMITED EASEMENT	
MONUMENT	MON.	RADIUS	R	R/B BOUNDARY POINT	
PAGE	P.	DEGREE OF CURVE	D	PARCEL NUMBER	
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA	SIGN NUMBER (OFF PREMISES)	
PROPERTY LINE	PL	LENGTH OF CURVE	L	BUILDING	
RECORDED AS	(DOC)	TANGENT	TAN		
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE
EXISTING H.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
ACCESS RESTRICTED (BY PREVIOUS ACQUISITION)
ACCESS RESTRICTED (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES	OH	
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
	NON COMPENSABLE	COMPENSABLE
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		
ELECTRIC TOWER		

I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095, WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

JEFFREY T. BROCK — PRINTED NAME
Jeffrey T. Brock — SIGNATURE
5-28-2014 — DATE

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

BRENT L. STELLA — PRINTED NAME
Brent L. Stella — SIGNATURE
5-28-14 — DATE

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJN 7948	1933

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.19

PART OF THE SW-NE AND SE-NE OF SECTION 27, TOWNSHIP 38 NORTH, RANGE 6 EAST, TOWN OF HAZELHURST, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_1177110ec\040419_rp.dgn
APPRAISAL PLAT DATE : 12-19-2013
PLOT DATE : 28-MAY-2014 08:44 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	242	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

742307

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
			NEW	EXISTING	TOTAL	
63	STEVE J. BUDZIK TRUST	FEE	1.27	------	1.27	------
67	GREGORY R. & AUDREY J. BOHN REV TRUST	FEE, TLE	0.11	------	0.11	0.09
133	WILLIAM & JUDY WALLENDER	FEE	0.12	------	0.12	------

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

POINT NUMBER	EXISTING MONUMENTS DESCRIPTION	(Y)	(X)
PROP1203	1" REBAR	209181.736	185534.955
PROP1204	0.75" REBAR	209236.348	185842.547
PROP1205	1" IP	209459.504	185573.336
PROP1206	1" IP	209618.314	185587.411
PROP1215	0.75" IP	209771.154	185418.956
PROP1216	1.5" IP	209770.117	185208.633

SCALE, FEET
0 100 200

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 1:57PM ON August 25, 2015 AS DOCUMENT # 742307 AND FILED IN Vol. 1 TPP page 77
Tamara Behling, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.20
AMENDMENT NO: 1

SECTION LINE

T 38 N, 22, 27, R 6 E
2 INCH IP W/ ONEIDA CO CAP
County Coordinates
Y = 209763.581
X = 183902.632
QTR 104

CONTROLLED ACCESS
ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

TLE FOR SLOPE BLENDING

TAX ID. HA 372-1 67

TAX ID. HA 372-4 63

TAX ID. HA 373 133

T132 ON SEC. LINE

SEC208 TO STA. 1118+90.97
S 89°44'41" W 1047.19'
SEC LINE = STA. 1118+90.97

153.80'

T133 ON SEC. LINE

SEC 208
2 INCH IP W/ ONEIDA CO CAP
County Coordinates
Y = 209775.940
X = 186516.049
T 38 N, 22, 23, 27, 26, R 6 E

CURVE CL329
P.I. = 1116+44.64
Y = 209531.351
X = 185399.274
Δ. = 8°35'42"
D. = 0°33'23"
T. = 774.01'
L. = 1545.12'
R. = 10300.00'

NW-NE SEC-27

NE-NE SEC-27

GN

TOWN OF HAZELHURST

P.L.

40 LINE

60.88' HO

115' HO

110' HO

80' HO

105' HO

NB R/L

EXISTING R/L

100' 100'

INGRESS/EGRESS EASEMENT: VOL. 173, P. 166 VOL. 287, P. 445 VOL. 295, P. 306

80' INGRESS/EGRESS EASEMENT: VOL. 176, P. 54

PC 1108+70.63

N 4°30'53" E U.S.H. 51

T130 ON APPROX. 40 LINE

T131 ON APPROX. 40 LINE

PROP1215 PROP1216 PROP1205 PROP1206 PROP1204 PROP1203 PRW95 PRW94 PRW93 PRW92 PRW91 PRW90 PRW96 PRW132 PRW131 TLE75 TLE74 TLE207 TLE208 SIGN BLDG. 6'

PROPOSED RIGHT-OF-WAY CURVE TABLE

Curve no. OR From - To	Radius	Delta	Arc Length	Chord Bearing	Chord Length
PROP1205 PRW131	5629.58'	-4°30'08"	442.35'	S 06°45'57" W	442.24'

PR#??? PR#??? - LONG CHORD BEARING & LONG CHORD DIST OF CURVE

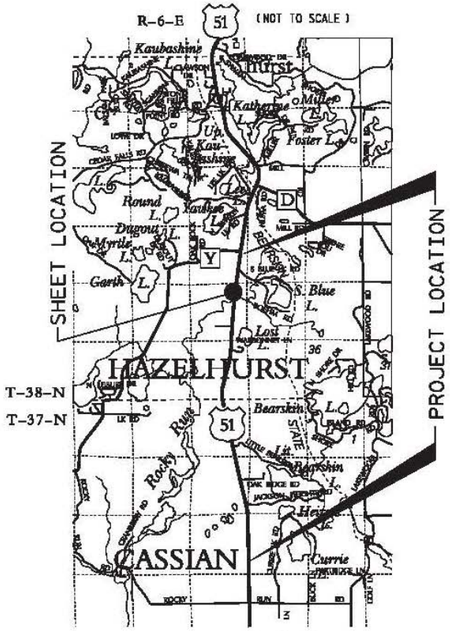
COURSE TABLE

FROM	TO	BEARING	DIST.
QTR104	PROP1216	N 89°42'48" E	1306.02'
PROP1216	SEC208	N 89°44'41" E	1307.43'
SEC208	T133	S 89°44'41" W	893.38'
T133	PROP1205	S 08°56'43" W	317.32'
*PROP1205	PRW131*	S 06°45'57" W	442.24'
PRW131	T131	S 04°30'53" W	556.50'
T131	T130	S 89°47'36" W	301.80'
T130	PRW91	N 16°28'13" E	187.73'
PRW91	PRW92	N 00°56'47" W	135.12'
PRW92	PRW93	N 07°39'25" E	333.01'
PRW93	PRW94	N 11°42'47" E	404.39'
PRW94	PRW95	N 12°46'46" E	151.28'
PRW95	T132	N 08°49'25" E	130.75'
T132	T133	N 89°44'41" E	214.68'

POINT TABLE - STATION AND OUT

POINT *	STATION	DIST.
PRW90	1105+00.00	150.00'L
PRW91	1107+36.13	100.00'L
PRW92	1108+70.63	112.94'L
PRW131	1111+48.11	158.21'R
PRW93	1112+00.00	100.00'L
PROP1205	1115+97.18	154.02'R
PRW94	1116+00.00	70.00'L
TLE74	1116+50.00	80.00'L
PRW95	1117+50.00	60.00'L
TLE75	1117+50.00	70.00'L
TLE206	1117+60.00	78.00'L
TLE208	1118+14.00	70.00'L
TLE207	1118+14.00	78.00'L
PRW96	1119+00.00	60.00'L
TLE76	1119+00.00	70.00'L
PRW132	1119+59.25	150.18'R

R-6-E (NOT TO SCALE)



R-6-E (NOT TO SCALE)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJN 1948	1933

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR	FOUND IRON PIPE/PIN	
ACCESS RIGHTS	AR	REMAINING	REM.		
ACRES	AC.	RIGHT-OF-WAY	R/W	R/W MONUMENT	
AND OTHERS	ET.AL.	SECTION	SEC.	R/W STANDARD	
CENTERLINE	C/L	STATION	STA.	SIGN	
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE	SECTION CORNER MONUMENT	
CORNER	COR.	VOLUME	V.	SECTION CORNER SYMBOL	
DOCUMENT	DOC.			FEE (HATCH VARIES)	
EASEMENT	EASE.	CURVE DATA		TEMPORARY LIMITED EASEMENT	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LCH	PERMANENT LIMITED EASEMENT	
LAND CONTRACT	LC	LONG CHORD BEARING	LCB		
MONUMENT	MON.	RADIUS	R		
PAGE	P.	DEGREE OF CURVE	D	R/W BOUNDARY POINT	
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA	PARCEL NUMBER	
PROPERTY LINE	PL	LENGTH OF CURVE	L	SIGN NUMBER	
RECORDED AS	(000')	TANGENT	TAN	(OFF PREMISES BUILDING	
REFERENCE LINE	R/L				

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE
EXISTING H.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
ACCESS RESTRICTED (BY PREVIOUS ACQUISITION/CONTROL)
ACCESS RESTRICTED (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

WATER —W—
GAS —G—
TELEPHONE —T—
OVERHEAD —OH—
TRANSMISSION LINES
ELECTRIC —E—
CABLE TELEVISION —TV—
FIBER OPTIC —FO—
SANITARY SEWER —SAN—
STORM SEWER —ST—
MON
COMPENSABLE COMPENSABLE
POWER POLE
TELEPHONE POLE
TELEPHONE PEDESTAL
ELECTRIC TOWER

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I, JEFFREY T. BROCK PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Jeffrey T. Brock DATE: 8-20-14
PRINT NAME: JEFFREY T. BROCK
REGISTRATION NUMBER: S-2642

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

SIGNATURE: Brent L. Stella DATE: 8-19-14
PRINT NAME: BRENT L. STELLA

Jeffrey T. Brock S-2642 Rhinelander WI LAND SURVEYOR

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

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DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.20 AMENDMENT NO: 1

AMENDS PARCEL 67 OF TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.20 RECORDED IN VOLUME 1 OF TPP, PAGE 65 AS DOCUMENT NO. 739860

PART OF THE NW-NE AND NE-NE OF SECTION 27, TOWNSHIP 38 NORTH, RANGE 6 EAST, TOWN OF HAZELHURST, ONEIDA COUNTY, WISCONSIN.

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.0213), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FILE NAME : P:\projects\d4_11771100ec\040420_rp.dgn
APPRAISAL PLAT DATE : 12-19-2013
PLOT DATE : 18-AUG-2014 10:06
PLOT BY : dotgnt
PLOT NAME :
PLOT SCALE : 100.000000:1.000000

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	243	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

739861

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE R/W ACRES OR (S.F.) REQUIRED			TLE AREA
			NEW	EXISTING	TOTAL	
68	GMC GROUP LLC	FEE, TLE	0.03	------	0.03	0.05
71	VIRGINIA ANN METZDORF	FEE	0.04	------	0.04	------

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE DEPARTMENT OF TRANSPORTATION.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ONEIDA COUNTY, NAD83 (1991) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES. FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER.

COURSE TABLE

FROM	TO	BEARING	DIST.
QTR104	PROP1216	N 89°42'48" E	1306.02'
PROP1216	SEC208	N 89°44'41" E	1307.43'
SEC208	T133	S 89°44'41" W	893.38'
T133	T132	S 89°44'41" W	214.68'
T132	PRW96	N 09°49'25" E	20.12'
PRW96	PRW97	N 11°59'40" E	201.17'
PRW97	T134	N 08°59'59" E	1120.73'
T134	T135	N 89°42'59" E	203.13'
T135	PRW109	S 08°58'40" W	124.70'
PRW109	PRW107	S 57°29'58" E	168.37'
PRW107	PRW106	S 33°25'32" W	65.81'
PRW106	PRW105	N 59°36'10" W	52.81'
PRW105	PRW104	N 80°19'40" W	78.51'
PRW104	PRW132	S 08°56'44" W	1069.01'
PRW132	T133	S 08°56'43" W	39.41'
PROP1222	T134	N 09°07'46" E	50.65'
T134	PROP1221	N 54°39'01" W	00.17'

POINT TABLE - STATION AND OUT

POINT #	STATION	DIST.
PRW96	1119+00.00	60.00'L
TLE76	1119+00.00	70.00'L
PRW132	1119+59.25	150.18'R
PRW97	1121+00.00	55.80'L
TLE77	1121+00.00	65.80'L
PRW104	1130+25.56	99.46'R
PRW109	1131+32.44	100.00'R
T134	1132+24.48	100.47'L
T135	1132+57.13	100.02'R
S. BLUE LAKE RD.		
PRW109	10+97.14	47.61'L
PRW104	11+05.61	58.98'R
PRW105	11+97.27	34.31'R
PRW106	12+50.00	31.52'R
PRW107	12+50.00	34.29'L

CONVENTIONAL ABBREVIATIONS

ACCESS POINT / DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS REMAINING	ROR REM.
ACCESS RIGHTS	AR	RIGHT-OF-WAY	R/W
ACRES	AC.	SECTION	SEC.
AND OTHERS	ET.AL.	STATION	STA.
CENTERLINE	C/L	TEMPORARY LIMITED EASEMENT	TLE
CERTIFIED SURVEY MAP	CSM	VOLUME	V.
CORNER	COR.		
DOCUMENT	DOC.		
EASEMENT	EASE.		
HIGHWAY EASEMENT	H.E.		
LAND CONTRACT	L.C.		
MONUMENT	MON.		
PAGE	P.		
PERMANENT LIMITED EASEMENT	PLE		
PROPERTY LINE	P.L.		
RECORDED AS	(DOC)		
REFERENCE LINE	R/L		

CURVE DATA

LONG CHORD	LCH	FOUND IRON PIPE/PIN	
LONG CHORD BEARING	LCB	R/W MONUMENT	
RADIUS	R	R/W STANDARD	
DEGREE OF CURVE	D	SIGN	
CENTRAL ANGLE OR DELTA	DELTA	SECTION CORNER MONUMENT	
LENGTH OF CURVE	L	SECTION CORNER SYMBOL	
TANGENT	TAN	FEE (HATCH VARIES)	
		TEMPORARY LIMITED EASEMENT	
		PERMANENT LIMITED EASEMENT	
		R/W BOUNDARY POINT	
		PARCEL NUMBER	
		SIGN NUMBER (OFF PREMISES)	
		BUILDING	

CONVENTIONAL SYMBOLS

PROPOSED R/W LINE
EXISTING H.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
ACCESS (RESTRICTED) (BY PREVIOUS ACQUISITION/CONTROL)
ACCESS RESTRICTED (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

WATER, GAS, TELEPHONE, OVERHEAD TRANSMISSION LINES, ELECTRIC, CABLE TELEVISION, FIBER OPTIC, SANITARY SEWER, STORM SEWER (NON-COMPENSABLE / COMPENSABLE), POWER POLE, TELEPHONE POLE, TELEPHONE PEDESTAL, ELECTRIC TOWER

I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095, WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

JEFFREY T. BROCK (PRINTED NAME) — Jeffrey T. Brock (SIGNATURE) — 5-28-2014 (DATE)

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

BRENT L. STELLA (PRINTED NAME) — Brent L. Stella (SIGNATURE) — 5-28-14 (DATE)

◆◆◆ CONTROLLED ACCESS ◆◆◆

ACCESS RESTRICTED BY C. A. PROJECT 1173-11-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

SCALE, FEET 0 100 200

C.S.M. 3542-15-3542

STA 1159+94.63
Y = 213815.177
X = 186159.574

T134 ON APPROX. 40 LINE

T135 ON APPROX. 40 LINE

40 LINE

LOT 1

LOT 2

P.L.

BLDG.

PROP1221 PROP1222 PROP1216 PROP1215 PROP1234 PROP1240 PROP1233 PROP1232 PROP1231

PRW109 PRW107 PRW106 PRW105 PRW104 PRW97 PRW96 PRW132

P.I. CURVE CL369

P.I. CURVE CL370

1130+85.27 = STA 10+00.00
Y = 210941.375
X = 185706.092

PT 1129+03.12

PC 1126+86.23

PT 1124+15.75

1130' 1120' 1125'

U.S.H. 51

EXISTING R/W

HO

TLE77 TLE76

10' TLE FOR SLOPE BLENDING

68 TAX ID. HA 309

71 TAX ID. HA 309-6

SOUTH BLUE LAKE RD.

CURVE CL369
P.I. = 11+27.45
Y = 210921.510
X = 185831.984
Δ. = 24°27'29"
D. = 29°36'10"
T. = 41.95'
L. = 82.62'
R. = 193.55'
P.C. = 10+85.50
P.T. = 11+68.12

CURVE CL370
P.I. = 14+19.90
Y = 210759.707
X = 186077.134
Δ. = 14°15'16"
D. = 7°07'18"
T. = 100.60'
L. = 200.15'
R. = 804.51'
P.C. = 13+19.31
P.T. = 15+19.46
Y = 210685.327
X = 186144.862

CURVE CL327
P.I. = 1127+94.72
Y = 210654.289
X = 185660.790
Δ. = -4°08'33"
D. = 1°54'35"
T. = 108.49'
L. = 216.90'
R. = 3000.00'

CURVE CL329
P.I. = 1116+44.64
Y = 209531.351
X = 185399.274
Δ. = 8°35'42"
D. = 0°33'23"
T. = 774.01'
L. = 1545.12'
R. = 10300.00'

SE-SE SEC-22

GN

T-38-N
T-37-N

TOWN OF HAZELHURST

SEC LINE = STA. 1118+90.97

153.80'

SECTION LINE

40 COR PER CSM 3542

T132 ON SEC. LINE

T133 ON SEC. LINE

SEC208 TO STA. 1118+90.97
S 89°44'41" W 1047.19'

SEC 208
2 INCH IP W/ ONEIDA CO CAP
County Coordinates
Y = 209775.940
X = 186516.049

T 38 N, R 6 E, Sections 22, 23, 27, 26

QTR 104

2 INCH IP W/ ONEIDA CO CAP
County Coordinates
Y = 209763.581
X = 183902.632

EXISTING MONUMENTS

POINT NUMBER	DESCRIPTION	(Y)	(X)
PROP1215	3/4" IP	209771.154	185418.955
PROP1216	1.5" IP	209770.117	185208.633
PROP1221	1" IP W CAP	211094.641	185828.413
PROP1222	1" IP W CAP	211044.533	185820.513
PROP1231	1" IP W CAP	210616.764	186159.786
PROP1232	1" IP W CAP	210746.710	186032.264
PROP1233	1" IP W CAP	210745.471	185775.472
PROP1234	1" IP W CAP	210222.205	185892.695
PROP1240	1" IP W CAP	210747.251	186131.054

(NOT TO SCALE)

R-6-E

SHEET LOCATION

PROJECT LOCATION

Kaubashine L., Hurst, Katherine L., Miller L., Foster L., Up. & Lo. Kaubashine L., Round L., Yatchee L., Dugout L., Myrtle L., Garth L., S. Blue L., Lost L., HAZELHURST, Bearskin L., Rocky Run, Bearskin Lit. L., Currie L., CASSIAN, Hemlock Lake

R-6-E (NOT TO SCALE)

TRANSPORTATION PROJECT PLAT NO: 1177-11-22 - 4.21

SEE AFFIDAVIT OF CORRECTION RECORDED AS DOCUMENT NUMBER 740096

RELOCATION ORDER USH 51, TOMAHAWK - MINOCQUA (ROCKY RUN ROAD TO CTH Y)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.10, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	PREV DOT FED AID PROJECT 431-E / DJN 7948	1933

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN ONEIDA COUNTY, WISCONSIN AT 3:45 PM ON June 16, 2014 AS DOCUMENT # 739861 AND FILED IN Vol. 1192 page 84

Jamie L. Mann, Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1177-11-22-4.21
AMENDMENT NO:

FILE NAME : P:\projects\d4_1177\1100ec\040421_rp.dgn
APPRAISAL PLAT DATE : 04-23-2014

PLOT DATE : 28-MAY-2014 08:59 PLOT BY : dotgnt PLOT NAME : PLOT SCALE : 100.000000:1.000000

4.

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	244	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

DO NOT RECORD THIS SHEET

4

SHEET 4.01

PRW99	850+21.36	100.09'R	Y 183267.133	X 186632.300
PRW98	850+30.12	99.91'L	Y 183272.858	X 186432.192
TLE111	854+50.00	100.19'R	Y 183695.724	X 186625.895
TLE112	854+50.00	115.19'R	Y 183695.952	X 186640.893
TLE113	856+50.00	115.24'R	Y 183895.930	X 186637.904
TLE114	856+50.00	100.24'R	Y 183895.702	X 186622.906
TLE115	858+50.00	100.29'R	Y 184095.680	X 186619.917
TLE116	858+50.00	115.29'R	Y 184095.907	X 186634.915
ERW3	859+64.31	99.68'L	Y 184206.943	X 186418.231
ERW4	859+64.44	100.32'R	Y 184210.107	X 186618.207
TLE117	860+50.00	115.19'R	Y 184295.883	X 186631.777
TLE118	860+50.00	100.19'R	Y 184295.655	X 186616.779

SHEET 4.02

TLE1	865+50.00	99.44'R	Y 184795.586	X 186608.434
TLE2	865+50.00	120.00'R	Y 184795.898	X 186628.996
TLE4	867+04.95	99.20'R	Y 184950.512	X 186605.848
TLE3	867+04.98	120.00'R	Y 184950.858	X 186626.643
PRW1	868+50.00	99.73'R	Y 185096.568	X 186603.410
PRW2	870+00.00	145.00'R	Y 185249.190	X 186643.996
PRW3	871+00.00	145.00'R	Y 185350.139	X 186639.991
PRW4	872+00.00	107.21'R	Y 185449.157	X 186597.525
PRW5	873+00.00	89.38'L	Y 185538.968	X 186395.998
PRW6	876+00.00	140.00'L	Y 185835.917	X 186329.794
TLE5	876+00.00	180.00'L	Y 185833.830	X 186289.849
TLE6	877+00.00	180.00'L	Y 185933.693	X 186284.630
TLE7	877+70.00	140.00'L	Y 186005.686	X 186320.922
PRW7	878+00.00	140.00'L	Y 186035.645	X 186319.357

SHEET 4.03

PRW7	878+00.00	140.00'L	Y 186035.645	X 186319.357
PRW8	880+45.23	100.00'L	Y 186282.629	X 186346.504
PRW115	882+00.00	141.83'R	Y 186448.294	X 186580.847
PRW9	884+56.88	100.00'L	Y 186696.886	X 186330.914
PRW10	887+00.00	80.00'L	Y 186940.406	X 186345.313
PROP2	891+48.04	151.80'R	Y 187393.665	X 186566.744
ERW25	891+48.11	150.13'R	Y 187393.690	X 186565.067
PROP3043	891+49.76	106.50'R	Y 187394.338	X 186521.416
TLE8	881+00.00	100.00'L	Y 186337.717	X 186343.732
TLE9	881+50.54	155.00'L	Y 186386.104	X 186286.419
TLE10	882+49.46	155.00'L	Y 186486.019	X 186282.297
TLE11	882+49.65	100.00'L	Y 186488.286	X 186337.250
TLE35	884+56.88	110.03'L	Y 186696.655	X 186320.883
TLE85	886+00.00	98.26'L	Y 186840.012	X 186329.359
TLE84	886+00.00	88.23'L	Y 186840.243	X 186339.390
TLE80	887+50.00	80.00'L	Y 186990.392	X 186344.162
TLE81	887+50.00	105.00'L	Y 186989.817	X 186319.169
TLE83	888+50.00	80.00'L	Y 187090.366	X 186341.860
TLE82	888+50.00	105.00'L	Y 187089.790	X 186316.867
TLE79	889+50.00	80.00'L	Y 187190.339	X 186339.559
TLE78	889+50.00	105.00'L	Y 187189.764	X 186314.565
TLE62	890+50.00	80.00'L	Y 187290.313	X 186337.257
TLE61	890+50.00	105.00'L	Y 187289.737	X 186312.264

SHEET 4.04

PROP2	891+48.04	151.80'R	Y 187393.665	X 186566.744
ERW25	891+48.11	150.13'R	Y 187393.690	X 186565.067
PROP3043	891+49.76	106.50'R	Y 187394.338	X 186521.416
TLE12	897+00.00	125.00'L	Y 187939.105	X 186277.308
PRW11	897+00.00	80.00'L	Y 187940.141	X 186322.296
PROP7	899+58.92	155.50'R	Y 188204.415	X 186551.872
TLE13	900+00.00	125.00'L	Y 188239.025	X 186270.404
PRW12	900+00.00	100.00'L	Y 188239.601	X 186295.397
PROP1	904+17.32	158.87'R	Y 188662.770	X 186544.590
PRW13	905+53.95	100.00'L	Y 188793.405	X 186282.647

SHEET 4.05

PROP1	904+17.32	158.87'R	Y 188662.770	X 186544.590
PRW13	905+53.95	100.00'L	Y 188793.405	X 186282.647
TLE14	909+56.60	110.00'L	Y 189170.680	X 186226.477
PRW14	909+56.60	100.00'L	Y 189172.866	X 186236.235
ERW12	909+70.04	149.22'R	Y 189240.467	X 186476.484
TLE15	912+00.00	110.00'L	Y 189408.193	X 186173.266
TLE16	912+00.00	100.00'L	Y 189410.380	X 186183.024
PRW31	912+71.07	150.82'R	Y 189534.566	X 186412.244
PRW15	913+00.00	100.00'L	Y 189507.961	X 186161.162
TLE63	913+00.00	105.00'L	Y 189506.868	X 186156.283
TLE165	914+00.00	89.00'L	Y 189607.947	X 186150.035
TLE166	914+15.00	100.00'L	Y 189620.179	X 186136.022
TLE167	914+50.00	100.00'L	Y 189654.333	X 186128.370
TLE168	914+67.00	78.28'L	Y 189675.670	X 186145.848
PRW25	914+21.62	152.06'R	Y 189681.743	X 186380.540
PRW16	915+50.00	60.00'L	Y 189760.658	X 186145.541
TLE64	915+50.00	65.00'L	Y 189759.565	X 186140.662
PRW17	916+87.06	60.00'L	Y 189894.399	X 186115.579
TLE160	917+30.01	213.05'L	Y 189902.854	X 185956.837
PRW22	918+02.15	60.00'L	Y 190006.709	X 186090.417
TLE161	918+26.59	187.12'L	Y 190002.772	X 185961.030
JACKSON HEIGHTS ROAD				
PRW31	11+50.23	80.71'R	Y 189534.566	X 186412.244
PRW25	11+52.59	69.82'L	Y 189681.743	X 186380.540
PRW30	12+61.75	62.12'R	Y 189577.874	X 186516.688
PRW26	13+57.62	48.72'L	Y 189698.355	X 186597.382
PRW27	14+67.99	38.13'L	Y 189672.996	X 186716.413
PRW28	14+70.20	28.09'R	Y 189608.353	X 186701.854

SHEET 4.06

PRW22	918+02.15	60.00'L	Y 190006.709	X 186090.417
PRW23	923+10.00	100.00'L	Y 190493.530	X 185940.361
TLE37	923+10.00	110.00'L	Y 190491.344	X 185930.603
TLE38	924+10.00	110.00'L	Y 190588.925	X 185908.742
TLE39	924+10.00	100.00'L	Y 190591.111	X 185918.500
PRW32	924+75.11	100.00'L	Y 190654.646	X 185904.266
TLE17	924+75.11	130.00'L	Y 190648.089	X 185874.991
PRW118	925+00.00	159.62'R	Y 190735.421	X 186152.247
PRW33	926+91.82	100.00'L	Y 190867.973	X 185858.192
PRW34	926+91.82	75.00'L	Y 190873.062	X 185882.669
TLE18	926+91.82	130.00'L	Y 190861.869	X 185828.820

SHEET 4.07

PRW35	934+82.11	75.00'L	Y 191646.800	X 185721.772
TLE169	934+50.00	75.00'L	Y 191615.363	X 185728.310
TLE170	934+50.00	167.00'L	Y 191596.633	X 185638.237
TLE171	935+15.00	167.00'L	Y 191659.882	X 185625.045
TLE86	935+25.00	85.00'L	Y 191686.490	X 185703.239
PRW37	935+92.53	152.24'R	Y 191802.249	X 185921.106
PRW38	937+34.58	152.89'R	Y 191942.581	X 185890.701
TLE87	938+00.00	85.00'L	Y 191953.369	X 185644.171
PRW36	938+00.00	75.00'L	Y 191955.625	X 185653.913
TLE41	938+89.28	91.67'L	Y 192038.215	X 185617.391
TLE40	938+90.00	81.69'L	Y 192041.222	X 185626.928
TLE42	939+64.61	96.82'L	Y 192109.745	X 185594.841
TLE43	939+65.27	86.84'L	Y 192112.752	X 185604.378
TLE44	941+25.00	96.45'L	Y 192264.374	X 185556.579
PRW45	941+93.29	100.00'L	Y 192329.140	X 185536.162
TLE19	941+93.29	130.00'L	Y 192321.560	X 185507.135
PRW46	943+37.90	100.00'L	Y 192469.056	X 185499.620
TLE20	944+00.00	130.30'L	Y 192522.766	X 185454.587
TLE21	945+00.00	92.96'L	Y 192630.424	X 185466.877
PROP73	944+77.91	175.24'R	Y 192670.780	X 185732.928
PRW47	946+68.27	90.00'L	Y 192797.678	X 185432.939
OAK RIDGE ROAD				
PRW38	11+48.59	79.00'L	Y 191942.581	X 185890.701
PRW37	11+56.01	64.39'R	Y 191802.249	X 185921.106
PRW44	12+82.58	49.40'R	Y 191827.509	X 186038.420
PRW43	14+50.61	47.89'R	Y 191833.780	X 186206.345
PRW40	15+00.49	41.19'L	Y 191924.239	X 186253.669
PRW42	15+50.00	32.84'R	Y 191851.652	X 186305.263
PRW41	15+50.00	33.16'L	Y 191917.626	X 186303.390

SHEET 4.08

PRW47	946+68.27	90.00'L	Y 192797.678	X 185432.939
TLE172	949+73.00	90.00'L	Y 193096.055	X 185371.038
TLE173	950+32.00	133.00'L	Y 193145.090	X 185316.949
TLE175	950+35.00	90.00'L	Y 193156.762	X 185358.443
TLE174	950+48.00	125.00'L	Y 193162.382	X 185321.532
PROP73	944+77.91	175.24'R	Y 192670.780	X 185732.928
PROP74	951+72.93	171.88'R	Y 193345.009	X 185586.848
PROP75	952+40.09	171.29'R	Y 193410.650	X 185572.626
TLE45	952+75.00	90.00'L	Y 193391.759	X 185309.691
TLE46	952+75.00	100.00'L	Y 193389.727	X 185299.900
TLE47	953+50.00	100.00'L	Y 193463.163	X 185284.664
TLE48	953+50.00	90.00'L	Y 193465.195	X 185294.456
TLE121	955+50.00	90.00'L	Y 193661.025	X 185253.829
TLE122	955+50.00	95.00'L	Y 193660.009	X 185248.933
TLE123	956+75.00	95.00'L	Y 193782.403	X 185223.541
TLE124	956+75.00	90.00'L	Y 193783.419	X 185228.437
PROP78	958+27.77	166.12'R	Y 193985.033	X 185448.179
PRW48	960+68.13	90.00'L	Y 194168.352	X 185148.579

SHEET 4.09

PROP78	958+27.77	166.12'R	Y 193985.033	X 185448.179
PRW48	960+68.13	90.00'L	Y 194168.352	X 185148.579
TLE216	962+27.00	90.00'L	Y 194325.083	X 185116.984
TLE217	962+27.00	135.00'L	Y 194316.439	X 185072.822
TLE218	962+88.00	135.00'L	Y 194376.901	X 185061.123
TLE65	962+88.00	94.00'L	Y 194384.603	X 185101.393
PRW49	964+00.00	90.00'L	Y 194496.146	X 185084.589
TLE66	964+00.00	100.00'L	Y 194494.345	X 185074.752
PRW57	965+00.00	153.70'R	Y 194637.375	X 185306.841
TLE88	965+69.25	98.87'L	Y 194662.382	X 185046.190
TLE89	965+96.90	98.88'L	Y 194689.827	X 185041.525
TLE67	967+56.79	100.00'L	Y 194848.575	X 185014.541
PRW51	967+30.00	142.86'R	Y 194860.046	X 185258.597
PRW50	967+56.79	90.00'L	Y 194850.126	X 185024.420
TLE49	970+25.00	125.87'R	Y 195148.570	X 185196.084
TLE50	970+25.58	135.86'R	Y 195150.688	X 185205.857
TLE52	971+24.32	120.24'R	Y 195246.303	X 185174.909
TLE51	971+24.85	130.23'R	Y 195248.420	X 185184.682
TLE68	973+43.95	100.00'L	Y 195426.222	X 184921.062
PRW58	973+43.95	90.00'L	Y 195427.972	X 184930.908
LITTLE BEARSKIN				
PRW57	10+78.15	115.05'R	Y 194637.375	X 185306.841
PRW56	11+46.30	65.00'R	Y 194740.401	X 185346.936
PRW51	11+78.96	80.10'L	Y 194860.046	X 185258.597
PRW52	12+75.00	70.00'L	Y 194924.978	X 185356.676
PRW53	13+75.00	50.00'L	Y 194949.804	X 185473.226
PRW54	14+16.83	33.00'L	Y 194940.759	X 185522.366
PRW55	14+16.83	33.00'R	Y 194875.101	X 185529.076

SHEET 4.10

PRW58	973+43.95	90.00'L	Y 195427.972	X 184930.908
TLE68	973+43.95	100.00'L	Y 195426.222	X 184921.062
TLE69	975+00.00	95.00'L	Y 195579.558	X 184898.065
PRW119	978+76.75	100.00'L	Y 195945.241	X 184818.835
PRW120	978+76.75	100.00'R	Y 195987.591	X 185014.300

SHEET 4.11

PRW59	989+00.00	77.83'L	Y 196940.603	X 184603.178
PRW121	989+00.00	122.49'R	Y 196993.958	X 184796.258
PRW60	990+26.37	90.00'L	Y 197058.239	X 184557.462
PRW61	992+32.82	90.00'L	Y 197256.730	X 184500.694
TLE22	994+00.00	90.00'L	Y 197418.762	X 184455.390
TLE23	994+00.00	105.00'L	Y 197414.809	X 184440.920
TLE24	996+49.63	105.00'L	Y 197657.980	X 184376.790
PRW62	996+50.00	90.00'L	Y 197662.037	X 184391.235
TLE179	997+85.00	128.00'L	Y 197784.858	X 184321.472
TLE178	998+10.00	90.00'L	Y 197818.315	X 184352.444
TLE180	998+10.00	155.00'L	Y 197803.015	X 184289.271
TLE181	998+75.00	90.00'L	Y 197881.927	X 184337.192
PRW63	1001+63.12	90.00'L	Y 198164.715	X 184273.123
TLE212	996+28.39	304.80'R	Y 197738.838	X 184779.089
TLE211	996+47.51	333.31'R	Y 197763.992	X 184802.090
TLE213	996+82.20	254.60'R	Y 197777.605	X 184717.452
TLE215	997+81.50	168.56'R	Y 197851.815	X 184610.393
TLE214	997+84.97	225.01'R	Y 197868.533	X 184664.417
TLE210	998+33.96	281.85'R	Y 197928.674	X 184708.334
TLE209	998+93.47	171.03'R	Y 197959.963	X 184586.961

SHEET 4.12

TLE210	998+33.96	281.85'R	Y 197928.674	X 184708.334
TLE209	998+93.47	171.03'R	Y 197959.963	X 184586.961
PRW63	1001+63.12	90.00'L	Y 198164.715	X 184273.123
PRW122	1001+63.12	173.37'R	Y 198220.281	X 184530.560
TLE182	1006+55.00	90.00'L	Y 198645.521	X 184169.342
TLE183	1006+67.00	186.00'L	Y 198636.997	X 184072.971
TLE185	1007+07.00	90.00'L	Y 198696.351	X 184158.371
TLE184	1007+18.00	192.00'L	Y 198685.583	X 184056.346
TLE25	1008+25.00	90.00'L	Y 198811.694	X 184133.474
TLE26	1008+25.00	100.00'L	Y 198809.585	X 184123.699
PRW64	1010+20.59	90.00'L	Y 199002.882	X 184092.207
TLE27	1010+50.00	100.00'L	Y 199030.619	X 184076.160
TLE119	1010+50.00	90.00'L	Y 199032.622	X 184085.957
PRW123	1012+79.63	160.83'R	Y 199296.021	X 184297.488
PRW65	1014+00.00	90.00'L	Y 199390.660	X 184036.649

SHEET 4.13

PRW123	1012+79.63	160.83'R	Y 199296.021	X 184297.488
PRW65	1014+00.00	90.00'L	Y 199390.660	X 184036.649
PRW66	1014+00.00	110.00'L	Y 199389.221	X 184016.701
TLE28	1014+00.00	120.00'L	Y 199388.501	X 184006.727
TLE125	1016+00.00	120.00'L	Y 199597.217	X 183999.424
TLE126	1016+50.00	130.00'L	Y 199649.642	X 183990.018
TLE127	1017+00.00	120.00'L	Y 199701.635	X 184001.575
PRW124	1017+00.00	135.11'R	Y 199691.657	X 184256.490
PRW67	1018+50.00	110.00'L	Y 199856.987	X 184022.004
TLE29	1018+50.00	120.00'L	Y 199857.933	X 184012.048
PRW125	1021+90.07	137.76'R	Y 200152.057	X 184319.295
PRW68	1022+75.45	110.00'L	Y 200292.671	X 184098.364
TLE30	1022+75.45	120.00'L	Y 200295.168	X 184088.680
TLE136	1025+53.98	143.35'R	Y 200499.144	X 184413.228
TLE137	1026+14.46	281.80'R	Y 200523.140	X 184562.387
TLE139	1026+33.78	179.00'R	Y 200567.513	X 184467.664
TLE140	1026+46.60	144.46'R	Y 200588.549	X 184437.424
TLE138	1026+61.82	266.00'R	Y 200572.945	X 184558.918

4

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	245	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

DO NOT RECORD THIS SHEET

SHEET 4.14

TLE137	1026+14.46	281.80'R	Y 200523.140	X 184562.387
TLE139	1026+33.78	179.00'R	Y 200567.513	X 184467.664
TLE140	1026+46.60	144.46'R	Y 200588.549	X 184437.424
TLE138	1026+61.82	266.00'R	Y 200572.945	X 184558.918
TLE128	1026+25.00	110.00'L	Y 200631.158	X 184185.627
TLE129	1026+25.00	125.00'L	Y 200634.903	X 184171.102
TLE130	1027+00.00	125.00'L	Y 200707.528	X 184189.825
TLE131	1027+00.00	110.00'L	Y 200703.784	X 184204.351
TLE157	1028+56.04	110.00'L	Y 200854.884	X 184243.305
TLE158	1029+50.36	151.93'L	Y 200956.687	X 184226.254
TLE159	1029+76.60	110.00'L	Y 200971.625	X 184273.402
PRW69	1033+00.00	110.00'L	Y 201284.786	X 184354.136
PRW126	1034+00.00	153.50'R	Y 201315.841	X 184634.253
TLE94	1032+68.00	288.00'L	Y 201298.236	X 184173.783
TLE97	1033+05.00	110.00'L	Y 201289.628	X 184355.384
TLE95	1034+18.00	320.00'L	Y 201451.475	X 184180.243
TLE96	1034+60.00	110.00'L	Y 201439.721	X 184394.079
TLE141	1034+50.00	160.00'L	Y 201442.520	X 184343.166
TLE143	1038+29.91	211.60'L	Y 201823.285	X 184388.042
TLE142	1038+30.93	160.00'L	Y 201811.391	X 184438.263
TLE144	1038+92.31	211.60'L	Y 201883.706	X 184403.619
TLE145	1039+12.70	143.13'L	Y 201886.356	X 184475.010
TLE191	1037+00.00	200.00'R	Y 201594.732	X 184754.178
TLE190	1037+00.00	157.09'R	Y 201605.444	X 184712.629
TLE192	1037+65.00	220.00'R	Y 201652.681	X 184789.772
TLE193	1037+85.00	158.11'R	Y 201687.498	X 184734.836
TLE194	1039+81.77	160.47'R	Y 201877.453	X 184786.244
TLE195	1040+20.00	255.00'R	Y 201890.870	X 184887.322
TLE197	1040+60.00	161.41'R	Y 201952.968	X 184806.681
TLE196	1040+70.00	240.00'R	Y 201943.032	X 184885.279

SHEET 4.15

TLE194	1039+81.77	160.47'R	Y 201877.453	X 184786.244
TLE195	1040+20.00	255.00'R	Y 201890.870	X 184887.322
TLE197	1040+60.00	161.41'R	Y 201952.968	X 184806.681
TLE196	1040+70.00	240.00'R	Y 201943.032	X 184885.279
TLE198	1042+55.00	163.75'R	Y 202141.210	X 184857.625
TLE199	1042+65.00	185.00'R	Y 202145.588	X 184880.701
TLE200	1043+05.00	185.00'R	Y 202184.321	X 184890.687
TLE201	1043+15.00	164.47'R	Y 202199.131	X 184873.301
TLE144	1038+92.31	211.60'L	Y 201883.706	X 184403.619
TLE145	1039+12.70	143.13'L	Y 201886.356	X 184475.010
TLE146	1040+31.70	126.92'L	Y 201997.542	X 184520.412
TLE147	1040+31.70	110.00'L	Y 201993.318	X 184536.800
PRW70	1044+87.20	110.00'L	Y 202434.397	X 184650.512
PRW71	1044+87.20	100.00'L	Y 202431.901	X 184660.196
PRW127	1046+25.42	170.43'R	Y 202503.772	X 184955.747
PRW72	1049+00.00	100.00'L	Y 202826.878	X 184743.123
TLE31	1049+27.77	127.98'L	Y 202858.030	X 184719.773
TLE32	1051+50.00	140.00'L	Y 203073.415	X 184736.040
PROP103	1051+54.84	174.72'R	Y 203044.910	X 185049.500
PRW73	1052+31.76	100.00'L	Y 203148.742	X 184783.609
TLE120	1052+67.38	100.00'L	Y 203184.223	X 184786.764

SHEET 4.16

PRW73	1052+31.76	100.00'L	Y 203148.742	X 184783.609
TLE163	1055+60.00	143.00'L	Y 203479.497	X 184769.846
TLE164	1055+60.00	100.00'L	Y 203475.689	X 184812.677
TLE162	1056+00.00	157.00'L	Y 203520.580	X 184759.443
TLE70	1056+40.00	146.00'L	Y 203559.448	X 184773.942
TLE71	1056+80.00	115.00'L	Y 203596.546	X 184808.362
PRW110	1057+00.00	168.63'R	Y 203591.350	X 185092.646
TLE72	1058+50.00	115.00'L	Y 203765.878	X 184823.417
TLE73	1058+50.00	100.00'L	Y 203764.550	X 184838.358
PRW114	1058+67.60	166.97'R	Y 203758.437	X 185105.839
TLE106	1059+60.00	100.00'L	Y 203874.118	X 184848.099
TLE107	1059+60.00	115.00'L	Y 203875.446	X 184833.158
TLE90	1063+00.00	115.00'L	Y 204214.110	X 184863.267
PRW74	1063+00.00	100.00'L	Y 204212.782	X 184878.208
PRW75	1063+00.00	120.00'L	Y 204214.553	X 184858.287
TLE53	1063+70.43	120.00'L	Y 204284.706	X 184864.524
TLE54	1063+70.43	180.00'L	Y 204290.020	X 184804.759
TLE55	1064+42.12	180.00'L	Y 204361.423	X 184811.107
TLE98	1065+87.94	120.00'L	Y 204501.359	X 184883.785
WARBONNETT LN.				
PRW114	11+67.31	77.71'L	Y 203758.437	X 185105.839
PRW110	11+68.24	89.89'R	Y 203591.350	X 185092.646
PRW113	12+70.00	80.00'L	Y 203750.099	X 185211.431
PRW111	13+09.75	32.36'R	Y 203633.357	X 185236.165
PRW112	13+09.75	33.83'L	Y 203698.849	X 185245.735

SHEET 4.17

TLE98	1065+87.94	120.00'L	Y 204501.359	X 184883.785
TLE99	1066+80.00	120.00'L	Y 204593.060	X 184891.938
TLE100	1066+80.00	130.00'L	Y 204593.946	X 184881.977
TLE102	1069+00.00	120.00'L	Y 204812.196	X 184911.420
TLE101	1069+00.00	130.00'L	Y 204813.081	X 184901.459
TLE148	1069+53.69	120.00'L	Y 204865.678	X 184916.175
TLE149	1071+11.24	239.07'L	Y 205033.147	X 184811.528
TLE151	1071+32.01	120.00'L	Y 205043.293	X 184931.966
TLE150	1071+78.28	239.07'L	Y 205099.926	X 184817.465
PRW76	1074+00.00	120.00'L	Y 205310.231	X 184955.698
PRW128	1079+50.21	146.40'R	Y 205834.688	X 185269.778

SHEET 4.18

PRW128	1079+50.21	146.40'R	Y 205834.688	X 185269.778
TLE91	1080+50.00	120.00'L	Y 205957.678	X 185013.259
TLE92	1080+50.00	140.00'L	Y 205959.449	X 184993.338
TLE93	1083+00.00	140.00'L	Y 206208.466	X 185015.477
PRW77	1084+00.00	120.00'L	Y 206306.302	X 185044.254
PRW84	1086+50.00	160.00'L	Y 206558.862	X 185026.550
PRW85	1089+00.00	160.00'L	Y 206807.884	X 185048.689
PRW86	1091+50.00	100.00'L	Y 207049.580	X 185127.857
PRW129	1092+34.26	138.53'R	Y 207118.956	X 185371.183
TLE203	1091+10.00	178.00'R	Y 206990.535	X 185402.465
TLE202	1091+18.00	136.78'R	Y 207001.516	X 185361.910
TLE204	1091+65.00	186.00'R	Y 207045.829	X 185414.229
TLE205	1091+80.00	137.55'R	Y 207064.143	X 185366.855
CLEARVIEW COURT				
PRW81	9+50.00	32.95'L	Y 206474.770	X 184708.683
PRW80	9+50.00	33.05'R	Y 206408.771	X 184709.181
PRW82	10+00.00	70.00'L	Y 206512.193	X 184758.403
PRW79	10+00.00	80.00'R	Y 206362.198	X 184759.534
PRW83	11+73.39	70.00'L	Y 206513.500	X 184931.788
PRW78	11+91.41	79.82'R	Y 206363.627	X 184949.217

SHEET 4.19

PRW129	1092+34.26	138.53'R	Y 207118.956	X 185371.183
TLE108	1094+00.00	85.28'L	Y 207296.180	X 185156.026
TLE109	1094+00.72	95.26'L	Y 207297.315	X 185146.090
PRW87	1094+71.12	80.00'L	Y 207366.475	X 185164.056
TLE110	1094+71.90	89.97'L	Y 207367.610	X 185154.120
PRW88	1097+13.32	120.00'L	Y 207609.944	X 185132.691
TLE103	1097+13.92	129.98'L	Y 207610.912	X 185122.739
TLE105	1098+11.19	114.75'L	Y 207709.483	X 185142.335
TLE104	1098+11.62	124.74'L	Y 207710.446	X 185132.382
PRW89	1099+61.93	110.00'L	Y 207862.521	X 185157.162
PRW130	1101+99.93	161.89'R	Y 208078.377	X 185446.938
TLE133	1102+48.52	151.36'L	Y 208151.475	X 185138.489
TLE132	1102+50.00	131.42'L	Y 208151.383	X 185158.489
TLE134	1103+13.52	156.19'L	Y 208216.654	X 185138.788
TLE135	1103+15.00	136.25'L	Y 208216.562	X 185158.788
PRW90	1105+00.00	150.00'L	Y 208402.070	X 185159.640

SHEET 4.20

PRW90	1105+00.00	150.00'L	Y 208402.070	X 185159.640
PRW91	1107+36.13	100.00'L	Y 208633.530	X 185228.071
PRW92	1108+70.63	112.94'L	Y 208768.633	X 185225.761
PRW131	1111+48.11	158.21'R	Y 209019.342	X 185521.235
PRW93	1112+00.00	100.00'L	Y 209098.675	X 185270.132
PROP1205	1115+97.18	154.02'R	Y 209458.504	X 185573.336
PRW94	1116+00.00	70.00'L	Y 209494.644	X 185352.228
TLE74	1116+50.00	90.00'L	Y 209547.480	X 185340.090
PRW95	1117+50.00	60.00'L	Y 209642.173	X 185385.689
TLE75	1117+50.00	70.00'L	Y 209643.807	X 185375.824
TLE206	1117+60.00	78.00'L	Y 209655.054	X 185369.583
TLE208	1118+14.00	70.00'L	Y 209707.343	X 185386.552
TLE207	1118+14.00	78.00'L	Y 209708.699	X 185378.668
PRW96	1119+00.00	60.00'L	Y 209790.833	X 185411.430
TLE76	1119+00.00	70.00'L	Y 209792.611	X 185401.590
PRW132	1119+59.25	150.18'R	Y 209810.896	X 185628.804

SHEET 4.21

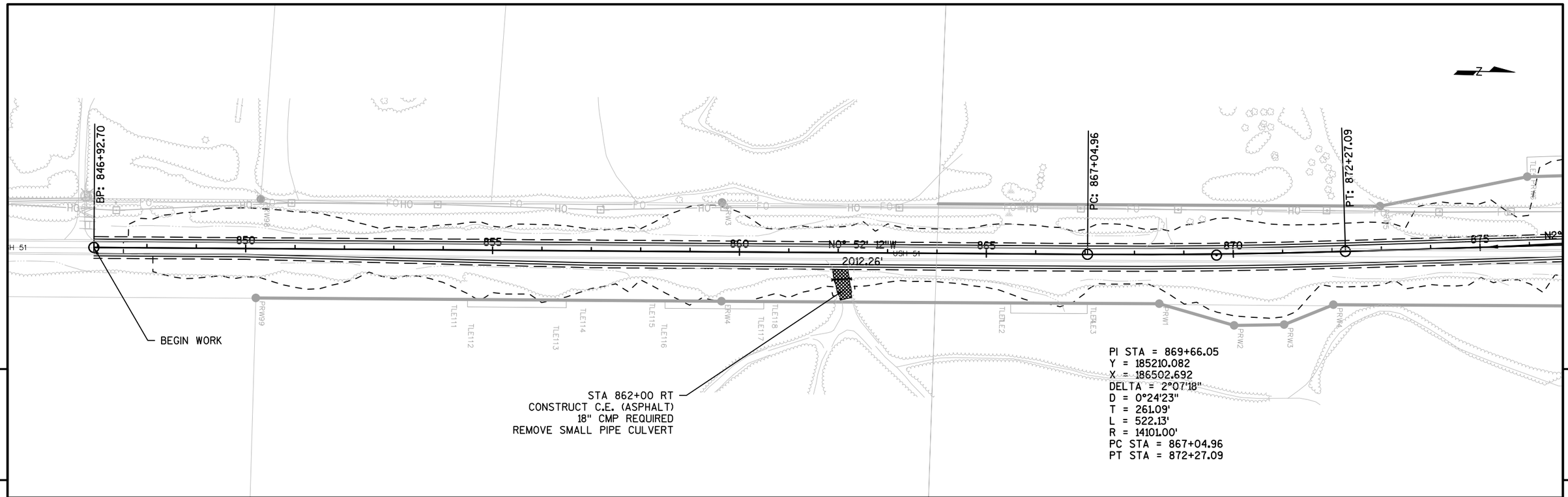
PRW96	1119+00.00	60.00'L	Y 209790.833	X 185411.430
TLE76	1119+00.00	70.00'L	Y 209792.611	X 185401.590
PRW132	1119+59.25	150.18'R	Y 209810.896	X 185628.804
PRW97	1121+00.00	55.80'L	Y 209987.607	X 185453.236
TLE77	1121+00.00	65.80'L	Y 209989.576	X 185443.428
PRW104	1130+25.56	99.46'R	Y 210866.899	X 185795.029
PRW109	1131+32.44	100.00'R	Y 210972.381	X 185812.222
T134	1132+24.48	100.47'L	Y 211094.544	X 185628.550
T135	1132+57.13	100.02'R	Y 211095.550	X 185831.681
S. BLUE LAKE RD.				
PRW109	10+97.14	47.61'L	Y 210972.381	X 185812.222
PRW104	11+05.61	58.98'R	Y 210866.899	X 185795.029
PRW105	11+97.27	34.31'R	Y 210853.709	X 185872.419
PRW106	12+50.00	31.52'R	Y 210826.989	X 185917.967
PRW107	12+50.00	34.29'L	Y 210881.917	X 185954.220

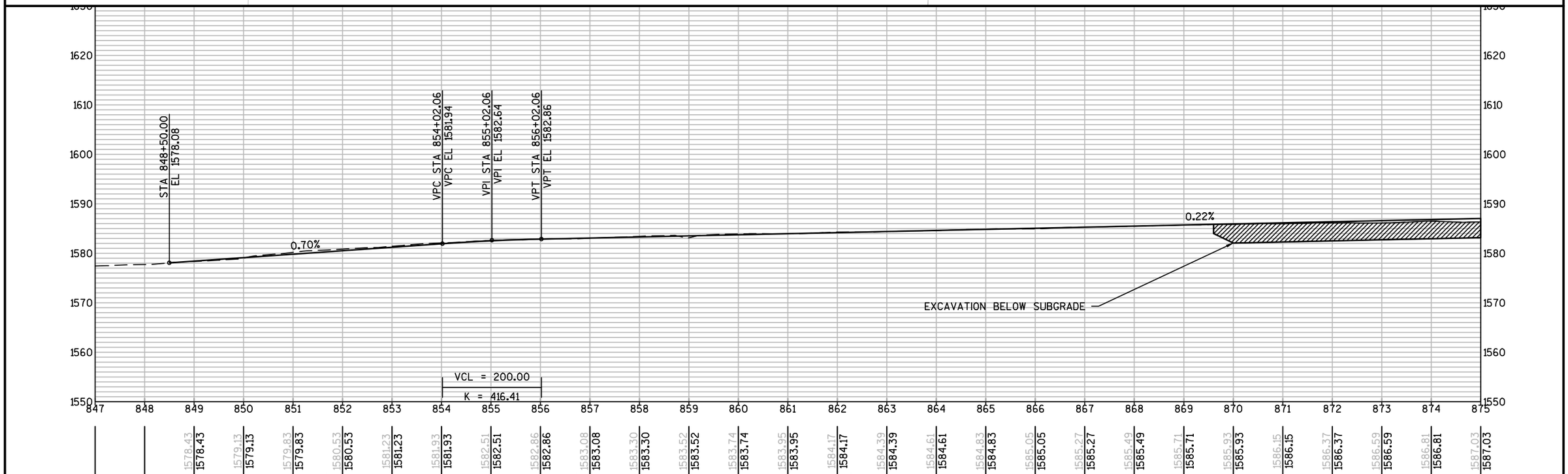
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4

PROJECT NO:	1177-11-70	HWY:	USH 51	COUNTY:	ONEIDA	PLATS	SHEET:	246	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1





PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: USH 51	SHEET 247 E

STA 884+00 LT
CONSTRUCT C.E.
(ASPHALT)

STA 879+75
CULVERT PIPE TEMPORARY
1-18"X56'

PC: 880+45.23

PT: 884+56.88

STA 903+06
1-36"CPRC CLASS IV REQUIRED
SKEW 22° LHF
REMOVE EXISTING 24" CPRC

N2° 59' 30"W
818.14'

N1° 13' 08"W
2097.08'

USH 51

STA 903+00
CULVERT PIPE TEMPORARY
1-24"X68'

PI STA = 882+51.07
Y = 186493.405
X = 186435.625
DELTA = 1°40'22"
D = 0°24'23"
T = 205.84'
L = 411.65'
R = 14100.00'
PC STA = 880+45.23
PT STA = 884+56.88

EXCAVATION BELOW SUBGRADE

VCL = 1300.00
K = 407.40

VCL = 1025.00
K = 181.32

-2.97%

VPC STA 882+63.83
VPC EL 1588.71

VPI STA 889+13.83
VPI EL 1590.13

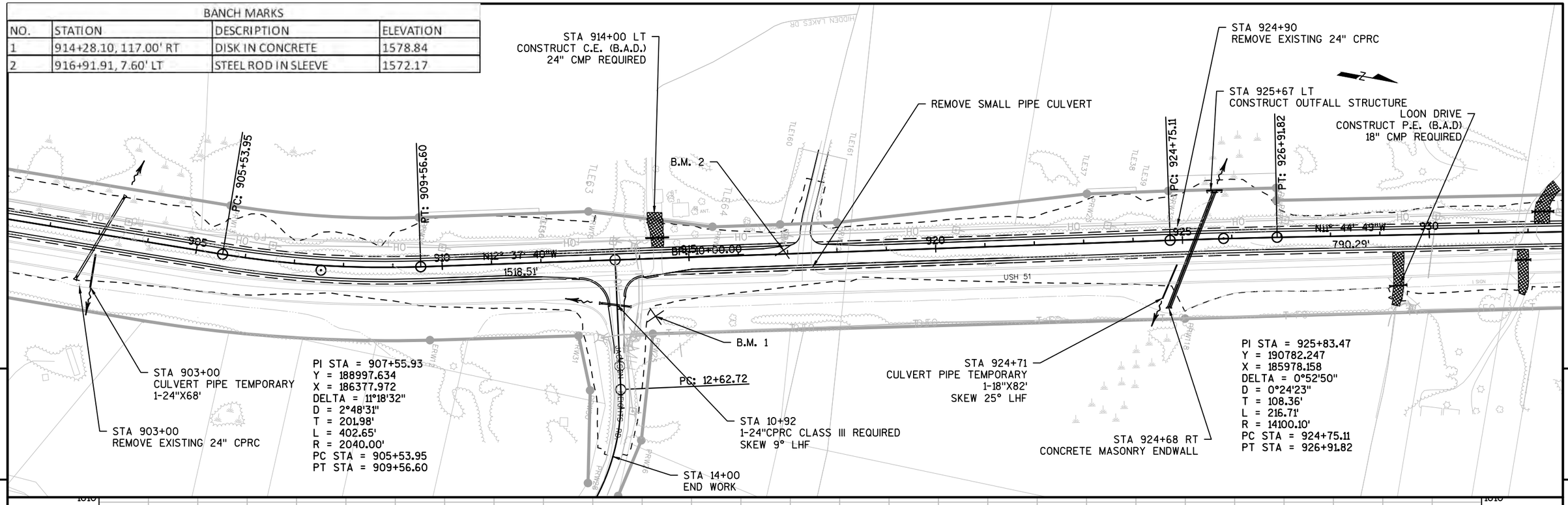
VPT STA 895+63.83
VPT EL 1570.82

VPC STA 897+87.50
VPC EL 1564.17

VPI STA 903+00.00
VPI EL 1540.34

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: USH 51	SHEET 248	E

BANCH MARKS			
NO.	STATION	DESCRIPTION	ELEVATION
1	914+28.10, 117.00' RT	DISK IN CONCRETE	1578.84
2	916+91.91, 7.60' LT	STEEL ROD IN SLEEVE	1572.17



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: USH 51	SHEET 249	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE3.DWG
LAYOUT NAME - SHEET - (25)

PLOT DATE : 11/6/2015 1:28 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

STA 932+30 LT
CONSTRUCT C.E. (ASPHALT)
18" CMP REQUIRED

STA 937+00 LT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED

STA 942+90
REMOVE EXISTING 24" CPRC

STA 950+00 LT
CONSTRUCT P.E. (B.A.D.)

STA 957+65
REMOVE EXISTING 24" CPRC

PC: 934+82.11
PT: 941+93.29
PC: 943+37.90
PT: 946+68.27
PC: 11+01.94
PT: 12+72.01
BP: 100+00.00
N14° 38' 13"W
144.60'
N11° 43' 13"W
1399.86'
USH 51

STA 10+83
1-24"CPRC CLASS III REQUIRED
SKEW 12° RHF
REMOVE EXISTING 24" CMP

STA 932+00 & 933+00 RT
CONSTRUCT P.E.'S (B.A.D.)
2-18" CMP'S REQUIRED
REMOVE SMALL PIPE CULVERT
@ STA 932+00 RT

STA 14+61
END WORK

PI STA = 938+37.78
Y = 192010.287
X = 185722.791
DELTA = 2°53'24"
D = 0°24'23"
T = 355.67'
L = 711.18'
R = 14100.00'
PC STA = 934+82.11
PT STA = 941+93.29

STA 944+87
CULVERT PIPE TEMPORARY
1-24"X86'

PI STA = 945+03.12
Y = 192654.183
X = 185554.625
DELTA = 2°55'00"
D = 0°52'58"
T = 165.22'
L = 330.37'
R = 6490.00'
PC STA = 943+37.90
PT STA = 946+68.27

STA 952+00 RT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED

STA 957+12
CULVERT PIPE TEMPORARY
1-18"X72'
SKEW 20° RHF

-0.65%

EXCAVATION BELOW SUBGRADE

STA 942+34
1-42"CPRC CLASS III REQUIRED
SKEW 10° RHF

STA 956+94
1-48"CPRC CLASS IV REQUIRED
SKEW 34° RHF

931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959
1570.19	1570.78	1570.55	1570.13	1570.88	1569.49	1570.89	1568.84	1571.05	1568.20	1570.53	1567.55	1569.44	1566.90	1567.04	1566.26	1560.03	1555.61	1555.47	1564.96	1554.37	1564.32	1544.98	1563.67	1535.85	1563.03	1535.94	1562.38	1539.98	1561.73	1546.52	1561.09	1555.13	1560.44	1552.57	1559.79	1558.94	1559.15	1556.15	1558.50	1562.45	1557.86	1549.71	1557.21	1542.48	1556.56	1539.31	1555.92	1539.39	1555.27	1539.04	1554.62	1537.62	1553.98	1538.43	1553.33	1541.61	1552.69

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: USH 51	SHEET 250	E

STA 962+55 LT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED

STA 975+15
REMOVE EXISTING 24" CPRC

PC: 960+68.13

PT: 967+56.79

PC: 970+63.86

PT: 978+76.75

PC: 981+07.00

USH 51

PRC: 10+43.00

307.07'

STA 10+43
1-24"CPRC CLASS III REQUIRED
SKEW 7° LHF

STA 13+80
END WORK

PRC: 14+46.35

EP: 15+46.93

PI STA = 964+12.53
Y = 194523.853
X = 185166.743
DELTA = 2°47'54"
D = 0°24'23"
T = 344.40'
L = 688.66'
R = 14100.00'
PC STA = 960+68.13
PT STA = 967+56.79

N12° 13' 30"W

230.24'

PI STA = 974+70.42
Y = 195569.080
X = 185002.655
DELTA = 3°18'11"
D = 0°24'23"
T = 406.56'
L = 812.89'
R = 14101.00'
PC STA = 970+63.86
PT STA = 978+76.75

PI STA = 985+66.8
Y = 196640.866
X = 184770.440
DELTA = 3°44'08"
D = 0°24'23"
T = 459.85'
L = 919.38'
R = 14101.00'
PC STA = 981+07.
PT STA = 990+26.

VCL = 200.00
K = 320.57

VCL = 600.00
K = 202.36

-0.02%

EXCAVATION BELOW SUBGRADE

VPC STA 972+56.41
VPC EL 1543.92

VPI STA 973+56.41
VPI EL 1543.27

VPT STA 974+56.41
VPT EL 1543.25

STA 974+93
1-36" CPRC CLASS IV REQUIRED
SKEW 1° LHF
REMOVE EXISTING 24" CPRC

VPC STA 986+75.97
VPC EL 1542.98

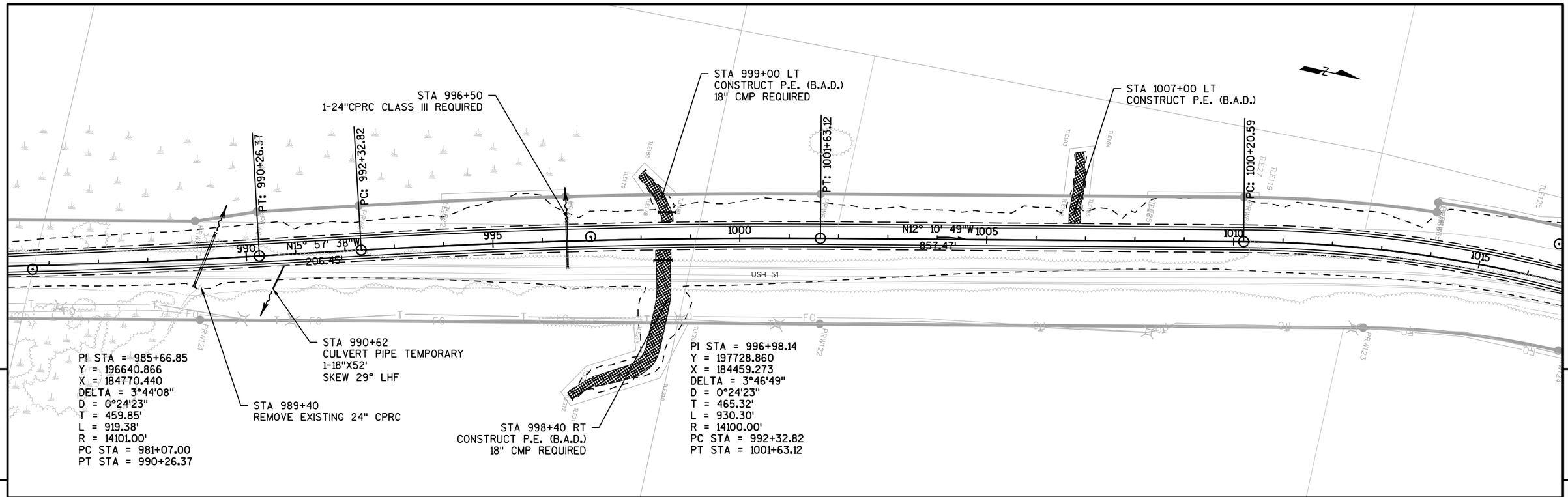
1541.61	1544.34	1547.89	1547.30	1555.60
1552.69	1552.04	1551.39	1550.75	1550.10
1558.72	1561.40	1557.19	1556.58	1558.30
1549.45	1548.81	1548.16	1547.52	1546.87
1555.00	1550.77	1547.47	1544.39	1544.28	1543.39	1543.17	1542.98	1542.81	1542.91	1542.83	1543.04	1543.05	1543.17	1543.10	1543.05	1543.03	1543.01	1542.65	1542.46
1546.22	1545.58	1544.93	1544.28	1543.67	1543.31	1543.24	1543.22	1543.20	1543.17	1543.15	1543.13	1543.11	1543.08	1543.06	1543.04	1543.02	1543.00	1542.99

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: USH 51	SHEET 251 E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE3.DWG
LAYOUT NAME - SHEET - (27)

PLOT DATE : 11/6/2015 1:28 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: USH 51	SHEET 252	E

STA 1018+50 LT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

MGS GUARDRAIL & MGS
GUARDRAIL TERMINAL EAT

PT: 1022+75.45

STA 1025+90
REMOVE OLD STRUCTURE
1-60" CPRC

STA 1029+00 LT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED

STA 1037+50 LT
CONSTRUCT P.E. (ASPHALT)
24" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

CONSTRUCT TEMPORARY C.E.

N14° 27' 23"E
2211.76'

STA 1022+ RT
CONSTRUCT P.E. (B.A.D.)

PI STA = 1016+59.57
Y = 199646.465
X = 184045.365
DELTA = 26°38'12"
D = 2°07'22"
T = 638.98'
L = 1254.85'
R = 2699.21'
PC STA = 1010+20.59
PT STA = 1022+75.45

STA 1024+50
CULVERT PIPE TEMPORARY
1-24"X44'

B.M. 3

FROST BITE TRAIL
CONSTRUCT P.E. (B.A.D.)
24" CMP REQUIRED

FROST BITE TRAIL TEMPORARY ROAD

STA 1037+50 RT
CONSTRUCT P.E. (B.A.D.)
24" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

STA 1040+00 RT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

STA 1043+00 RT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED

BANCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
3	1026+97.92, 97.71' RT	DISK IN CONCRETE	1553.02

VCL = 950.00
K = 201.99

VPC STA 1029+12.50
VPC EL 1561.60

STA 1026+23
C-43-21
1-72"CPRC CLASS IV REQUIRED
SKEW 20° LHF

-1.81%

2.89%

EXCAVATION BELOW SUBGRADE

VCL = 2275.00
K = 409.89

VPI STA 1040+50.00
VPI EL 1594.48

VPC STA 1019+44.50
VPC EL 1555.96

VPI STA 1024+19.50
VPI EL 1547.35

VPT STA 1028+94.50
VPT EL 1561.08

1566.01	1560.70	1557.40	1554.43	1549.59	1547.21	1544.06	1547.84	1545.89	1538.28	1538.18	1538.01	1541.61	1548.06	1550.47	1560.54	1566.90	1574.04	1577.00	1580.12	1583.99	1586.98	1588.55	1589.73	1590.86	1590.67	1585.42	1588.72	1588.87
1564.01	1562.20	1560.39	1558.57	1556.76	1555.03	1553.74	1552.94	1552.64	1552.84	1553.53	1554.71	1556.39	1558.57	1561.24	1564.03	1566.59	1568.90	1570.97	1572.79	1574.37	1575.71	1576.80	1577.65	1578.25	1578.61	1578.72	1578.60	1578.22

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: USH 51	SHEET 253	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE3.DWG
LAYOUT NAME - SHEET - (29)

PLOT DATE : 11/6/2015 1:29 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

STA 1052+00 LT
CONSTRUCT C.E. (B.A.D.)
18" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

CONSTRUCT TEMPORARY P.E.

STA 1066+00 LT
CONSTRUCT P.E. (B.A.D.)
24" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

STA 1070+00 LT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

STA 1056+00 LT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED

PC: 1044+87.20

PT: 1052+31.76

BP: 0+00.00
PC: 0+23.28

PT: 5+36.80

BP: 10+00.00 EP: 5+65.04

N5° 04' 30"E
36.86.97'

PT: 1+05.57

PI: 3+73.80

PC: 4+73.92

PC: 11+89.53

EP: 13+09.75

STA 1053+00 RT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED

STA 1054+01
REMOVE EXISTING 24" CPRC

STA 1053+98
CULVERT PIPE TEMPORARY
1-24"X64'

STA 11+10
1-24"CPRC CLASS III REQUIRED
REMOVE EXISTING 24" CMP

STA 12+72
END WORK

STA 1067+00 RT
CONSTRUCT P.E. (B.A.D.)
24" CMP REQUIRED

STA 1069+30
1-24"CPRC CLASS III REQUIRED
SKEW 21° LHF

STA 1071+00 RT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED

PI STA = 1048+60.32
Y = 202768.239
X = 184850.175
DELTA = 9°22'33"
D = 1°15'33"
T = 373.11'
L = 744.56'
R = 4550.01'
PC STA = 1044+87.20
PT STA = 1052+31.76

USH 51

1045 1050 1055 1070

5 5

VPT STA 1051+87.50
VPT EL 1564.23

VCL = 1100.00
K = 197.66

VPC STA 1063+27.50
VPC EL 1564.61

STA 1069+30
1-24"CPRC CLASS III REQUIRED
SKEW 21° LHF

STA 1053+26
1-42"CPRC CLASS IV REQUIRED
SKEW 41° RHF

-2.66%

2.91%

VCL = 2275.00
K = 409.89

VCL = 1945.00
K = 412.60

VPC STA 1052+25.88
VPC EL 1563.21

VPI STA 1057+75.88
VPI EL 1548.58

VPT STA 1063+25.88
VPT EL 1564.56

EXCAVATION BELOW SUBGRADE

1590 1580 1570 1560 1550 1540 1530 1520

1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071

1588.87 1578.22 | 1587.56 1577.61 | 1584.25 1576.75 | 1575.17 1575.64 | 1571.18 1574.29 | 1574.97 1572.70 | 1557.82 1570.87 | 1551.45 1568.79 | 1551.46 1566.46 | 1549.16 1563.89 | 1544.32 1561.37 | 1547.91 1559.34 | 1550.41 1557.82 | 1549.41 1556.80 | 1554.59 1556.28 | 1553.65 1556.28 | 1557.80 1556.77 | 1562.89 1557.78 | 1566.59 1559.29 | 1570.70 1561.30 | 1571.05 1563.83 | 1576.22 1566.65 | 1578.11 1569.26 | 1585.12 1571.63 | 1588.39 1573.75 | 1589.90 1575.63 | 1589.15 1577.27 | 1588.72 1578.67 | 1587.07 1579.82

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: USH 51	SHEET 254	E

STA 10+15
END WORK

BP: 10+00.00

STA 1075+00 RT
CONSTRUCT P.E. (B.A.D.)

STA 13+34
1-24"CPRC CLASS III REQUIRED
SKEW 1° LHF
REMOVE EXISTING 18" CMP

STA 1080+50 LT
REMOVE P.E.

PC: 11+73.39

PT: 12+54.01

STA 1091+00 LT
CONSTRUCT P.E. (B.A.D.)
24" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

PC: 1089+18.73

STA 1094+50 LT
REMOVE P.E.

PT: 1094+71.13

STA 1099+00
CULVERT PIPE TEMPORARY
1-18"X82'

PC: 1097+13.32

PT: 1099+61.94

1070 1075 1080 1085 1090 1095 1100

EP: 14+17.16

N2° 02' 14"E
242.19'

USH 51

STA 1076+00 RT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED

STA 1080+00 RT
CONSTRUCT P.E. (B.A.D.)

STA 1091+50 RT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

STA 1093+00 RT
CONSTRUCT P.E. (B.A.D.)

PI STA = 1098+37.65
Y = 207729.924
X = 185257.035
DELTA = 2°28'38"
D = 0°59'47"
T = 124.33'
L = 248.62'
R = 5750.00'
PC STA = 1097+13.32
PT STA = 1099+61.94

VPI STA 1073+00.00
VPI EL 1592.86

VPT STA 1082+72.50
VPT EL 1575.28

VCL = 1945.00
K = 412.60

EXCAVATION BELOW SUBGRADE

-1.81%

VPC STA 1090+19.51
VPC EL 1561.77

VCL = 1115.00
K = 237.44

VPI STA 1095+77.01
VPI EL 1551.69

1587.07	1585.88	1585.08	1583.86	1582.61	1581.56	1579.38	1577.93	1577.88	1577.59	1577.16	1575.49	1572.72	1569.87	1568.78	1564.14	1561.07	1558.85	1557.26	1557.62	1557.81	1556.69	1555.62	1554.98	1560.43	1568.55	1569.20	1570.66	1572.68
1579.82	1580.73	1581.40	1581.83	1582.02	1581.96	1581.66	1581.12	1580.33	1579.31	1578.04	1576.53	1574.78	1572.97	1571.16	1569.36	1567.55	1565.74	1563.93	1562.12	1560.45	1559.19	1558.35	1557.94	1557.94	1558.37	1559.22	1560.48	1562.17

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: USH 51	SHEET 255 E

MGS GUARDRAIL
MGS THRIE BEAM TRANSITION
MGS GUARDRAIL TERMINAL EAT
REQ'D AT ALL QUADRANTS OF B-43-61

CONCRETE PAV'T
APPROACH SLABS

STA 1102+31.5
STRUCTURE B-43-61 REQUIRED
138' SINGLE SPAN
44' CLEAR WIDTH
SKEW 15°0'51" LHF

PT: 1099+61.94

PC: 1108+70.63

STA 1110+00 LT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

STA 1118+00 LT
CONSTRUCT P.E. (ASPHALT)
18" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

PT: 1124+15.75

PC: 1126+86.23

N4° 36' 53"E
908.63'

N13° 06' 38"E
270.48'

STA 1099+00
CULVERT PIPE TEMPORARY
1-18"X82'

CONCRETE SURFACE DRAINS
(DROP TYPE)

B.M. 4

REMOVE C-43-9707
2-72" CPRC

STA 1107+00 RT
CONSTRUCT P.E. (ASPHALT)
24" CMP REQUIRED

ROCKY RUN CREEK

STA 1113+00 RT
CONSTRUCT P.E. (ASPHALT)
24" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

STA 1117+00 RT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

PI STA = 1116+44.64
Y = 209531.351
X = 185399.274
DELTA = 8°35'42"
D = 0°33'23"
T = 774.01'
L = 1545.12'
R = 10300.00'
PC STA = 1108+70.63
PT STA =

STA 1123+00 RT
CONSTRUCT P.E. (B.A.D.)
18" CMP REQUIRED
REMOVE SMALL PIPE CULVERT

PI STA = 1127+94.73
Y = 210654.289
X = 185660.790
DELTA = 4°08'33"
D = 1°54'35"
T = 108.50'
L = 216.90'
R = 3000.00'
PC STA = 1126+86.23
PT STA = 1129+03.13

BANCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
4	1102+28.70, 2.74' RT	WEST END OF SOUTH PIPE	1544.52

VCL = 1115.00
K = 237.44

2.89%

VPT STA 1101+34.51
VPT EL 1567.79

VPC STA 1110+25.00
VPC EL 1593.50

VCL = 1350.00
K = 409.03

VPI STA 1117+00.00
VPI EL 1612.98

EXCAVATION BELOW SUBGRADE

VPT STA 1123+75.00
VPT EL 1610.20

1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127
1572.68	1562.17	1545.88	1564.28	1543.90	1566.81	1543.90	1569.68	1546.93	1572.57	1550.50	1575.45	1553.19	1578.34	1563.57	1581.23	1583.85	1584.12	1593.48	1587.00	1596.34	1589.89	1600.76	1592.78	1605.13	1595.60	1606.91	1598.18	1608.15	1600.52	1607.91	1602.61	1604.31	1604.46	1603.68	1606.06	1601.86	1607.42	1604.95	1608.54	1605.72	1609.41	1604.67	1610.03	1604.61	1610.42	1606.03	1610.55	1606.73	1610.45	1607.83	1610.10	1608.22	1609.69	1608.74	1609.28	1608.76	1608.86

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: USH 51	SHEET 256	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE3.DWG
LAYOUT NAME - SHEET - (32)

PLOT DATE : 11/6/2015 1:30 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

STA 1129+00 LT
CONSTRUCT P.E. (ASPHALT)
18" CMP REQUIRED

CONSTRUCT TEMPORARY P.E.

PC: 1126+86.23
1129+03.13
PT: 1+00.45
PC: 2+03.34
BP: 0+00.00
PC: 0+20.52
PT: 2+66.17
BP: LIG+20.00
PC: 10+85.50
PT: 11+68.12
STA 12+57
END WORK
PC: 13+19.31
END WORK
STA 10+65
1-24"CPRC CLASS III REQUIRED
SKEW 5° RHF
REMOVE EXISTING 24" CMP

N13° 08' 35"E
270.48'
3091.50'
USH 51
U.S.H. 51
C.T.H. "Y"
B.M. 5

PI STA = 1127+94.73
Y = 210654.289
X = 185660.790
DELTA = 4°08'33"
D = 1°54'35"
T = 108.50'
L = 216.90'
R = 3000.00'
PC STA = 1126+86.23
PT STA = 1129+03.13

5

5

BANCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
5	1142+11.30, 63.69' RT	STEEL ROD IN SLEEVE	1614.64

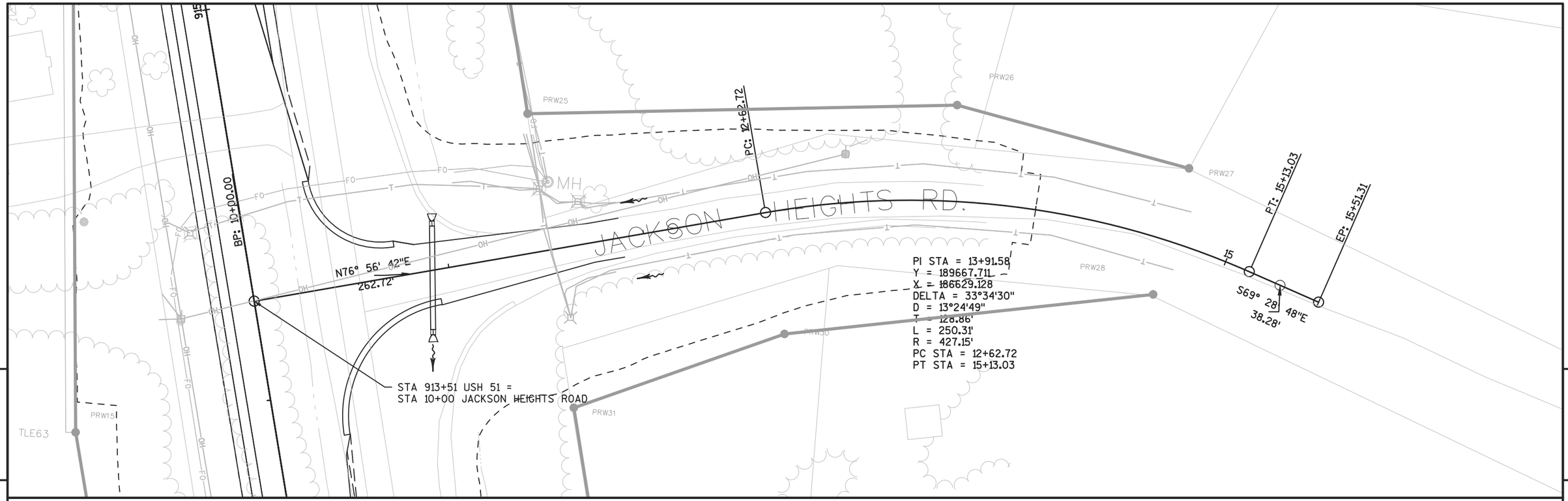
EXCAVATION BELOW SUBGRADE
STA 1133+12.62
EL 1606.33
-0.41%

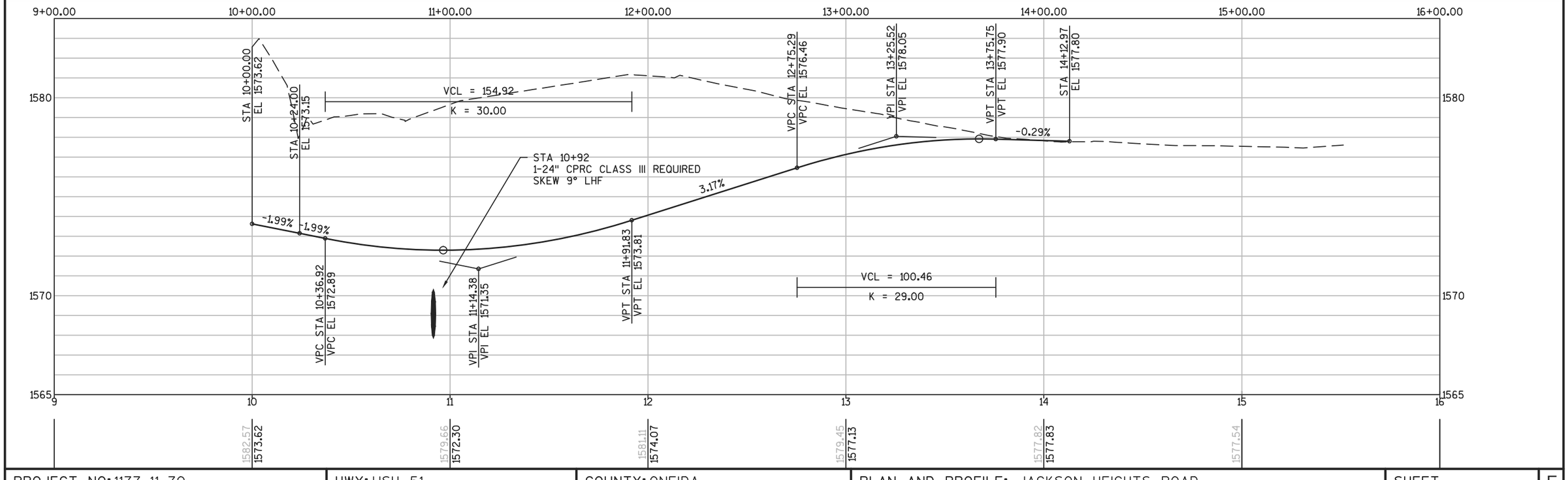
1670
1660
1650
1640
1630
1620
1610
1600

1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155

1608.76 1608.86 1608.32 1608.45 1608.10 1608.04 1607.74 1607.62 1607.20 1607.21 1606.79 1606.80 1605.96 1606.39 1606.63 1607.37 1608.32 1609.52 1610.53 1611.44 1612.19 1611.98 1612.04 1611.89 1611.53 1610.95 1610.06 1608.76 1607.49 1606.58 1606.33 1606.67 1607.49 1609.10 1611.44 1614.31

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: USH 51	SHEET 257	E

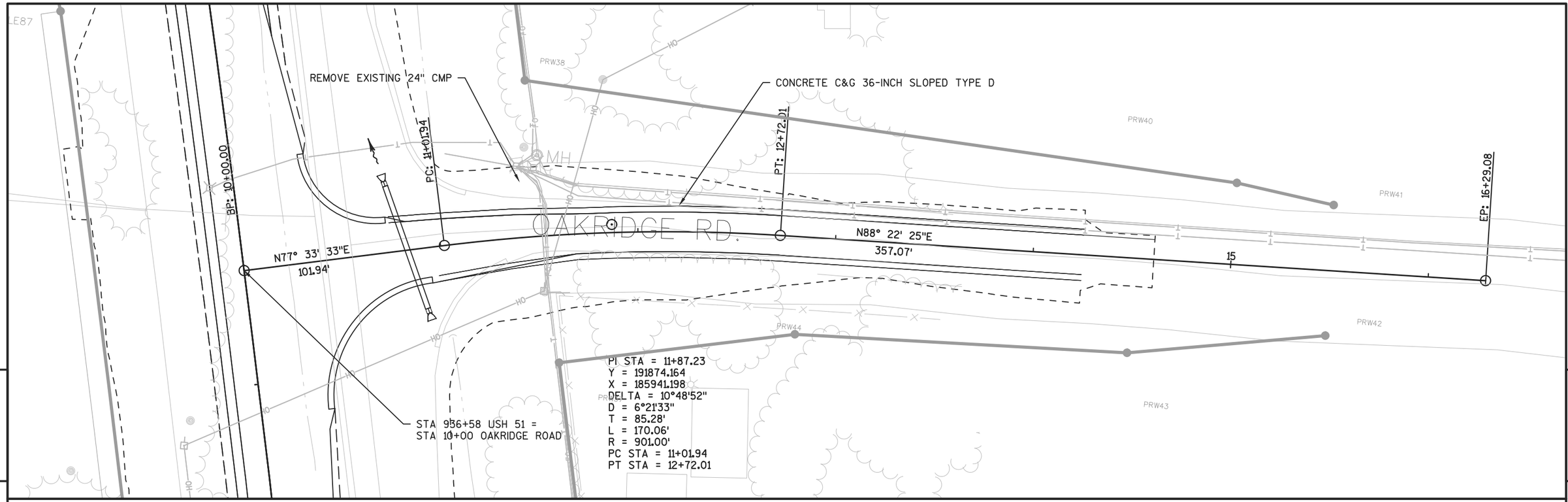




PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: JACKSON HEIGHTS ROAD	SHEET 258	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE_SIDE_ROADS.DWG
LAYOUT NAME - SHEET - (35)

PLOT DATE : 10/19/2015 3:18 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:50 FT



5

5

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: OAKRIDGE ROAD	SHEET 259	E

STA 965+92 USH 51 =
STA 9+67 LITTLE BEARSKIN ROAD

BP: 9+66.54

PC: 10+00.00

PRC: 11+46.30

PRC: 14+16.83

EP: 15+19.35

LITTLE BEARSKIN RD.

N80° 33' 06"E
33.46'

965

PI STA = 10+76.74
Y = 194719.578
X = 185248.543
DELTA = 42°45'51"
D = 29°13'53"
T = 76.74'
L = 146.30'
R = 196.01'
PC STA = 10+00.00
PT STA = 11+46.30

PI STA = 12+89.47
Y = 194893.374
X = 185383.292
DELTA = 46°22'39"
D = 17°08'35"
T = 143.17'
L = 270.53'
R = 334.22'
PC STA = 11+46.30
PT STA = 14+16.83

PI STA = 14+69.02
Y = 194913.235
X = 185577.636
DELTA = 26°24'05"
D = 25°45'10"
T = 52.19'
L = 102.52'
R = 222.48'
PC STA = 14+16.83
PT STA = 15+19.35

PRW53 PRW54 PRW55 PRW56

5 5

9+00.00 10+00.00 11+00.00 12+00.00 13+00.00 14+00.00 15+00.00 16+00.00

1550 1540

STA 9+66.54
EL 1548.21

STA 9+90.54
EL 1547.73

VCL = 134.94
K = 37.00

STA 10+43
1-24" CPRC CLASS III REQUIRED
SKEW 7° LHF

VPC STA 11+98.63
VPC EL 1546.33

VPI STA 12+86.36
VPI EL 1549.78

VPT STA 13+74.08
EL 1546.09

STA 13+80.46
EL 1545.83

0.00% 0.10% -2.00% 2.00% 1.65% -4.20%

VPC STA 10+00.58
VPC EL 1547.53

VPI STA 10+68.05
VPI EL 1546.18

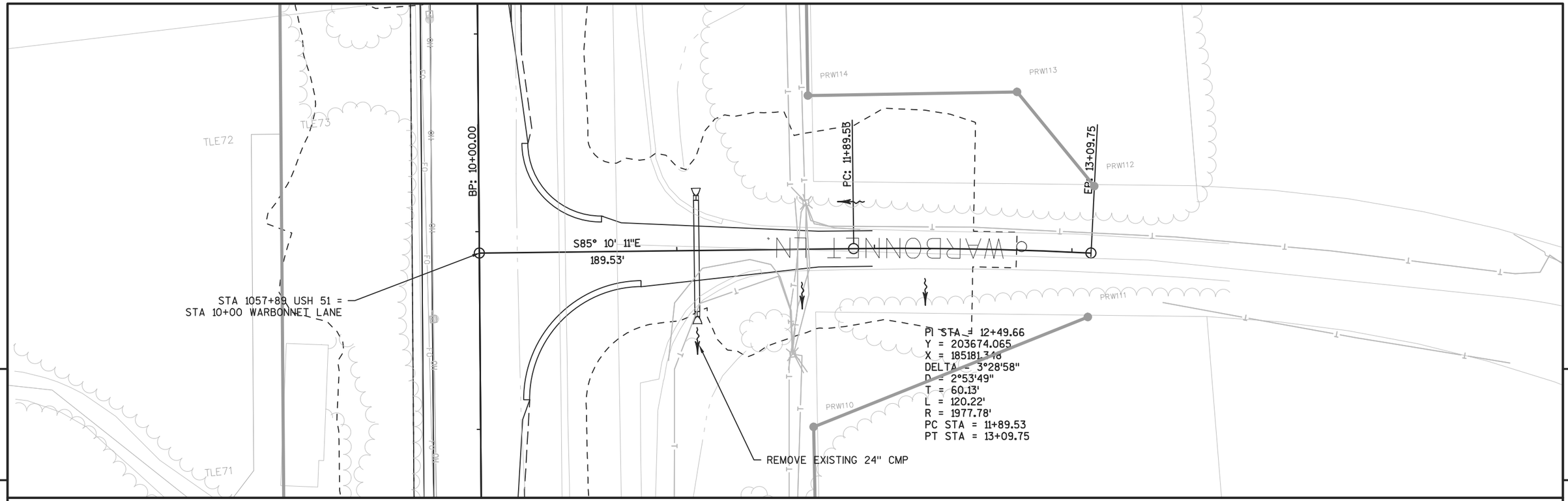
VPT STA 11+35.52
VPT EL 1547.29

VCL = 175.45
K = 30.00

9 10 11 12 13 14 15 16

1557.66 1547.54 | 1558.24 1546.88 | 1557.32 1548.36 | 1550.56 1548.29 | 1544.98 | 1542.17

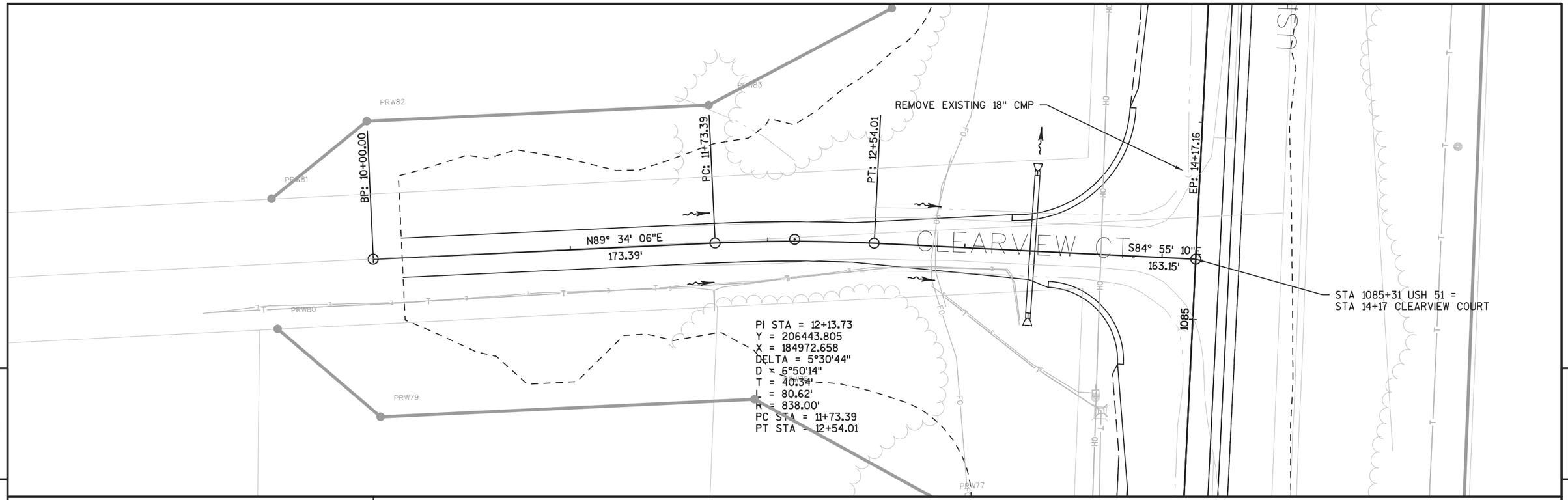
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: LITTLE BEARSKIN ROAD	SHEET 260	E



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: WARBONNET LANE	SHEET 261	E

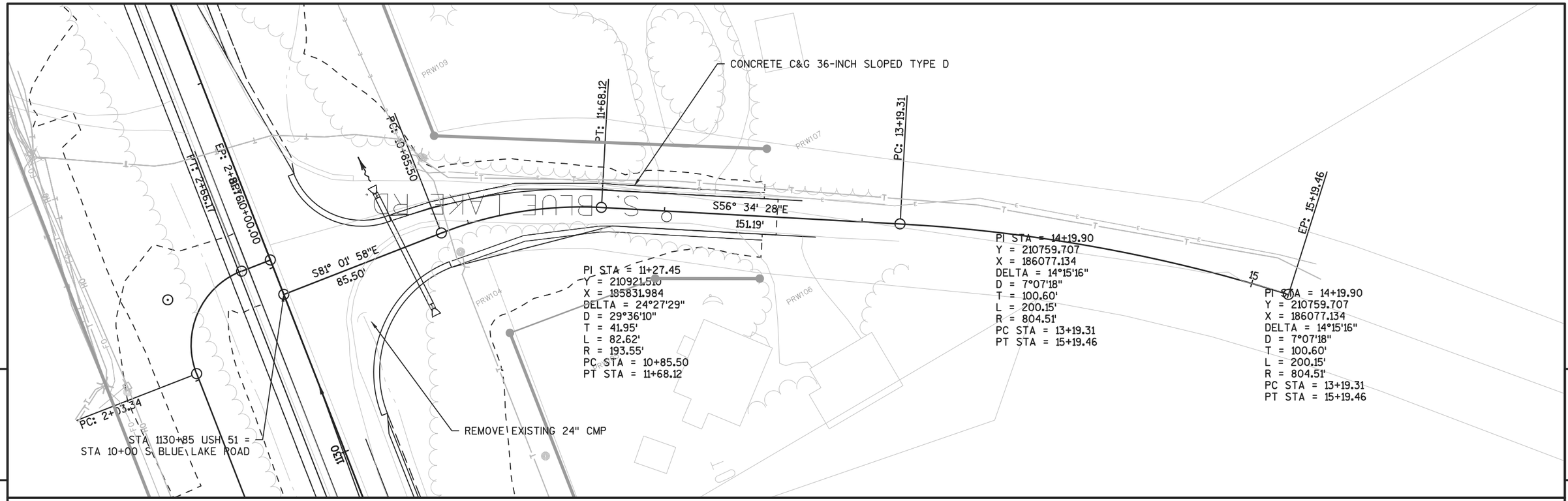
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE_SIDE_ROADS.DWG
LAYOUT NAME - SHEET - (38)

PLOT DATE : 10/19/2015 3:19 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:50 FT



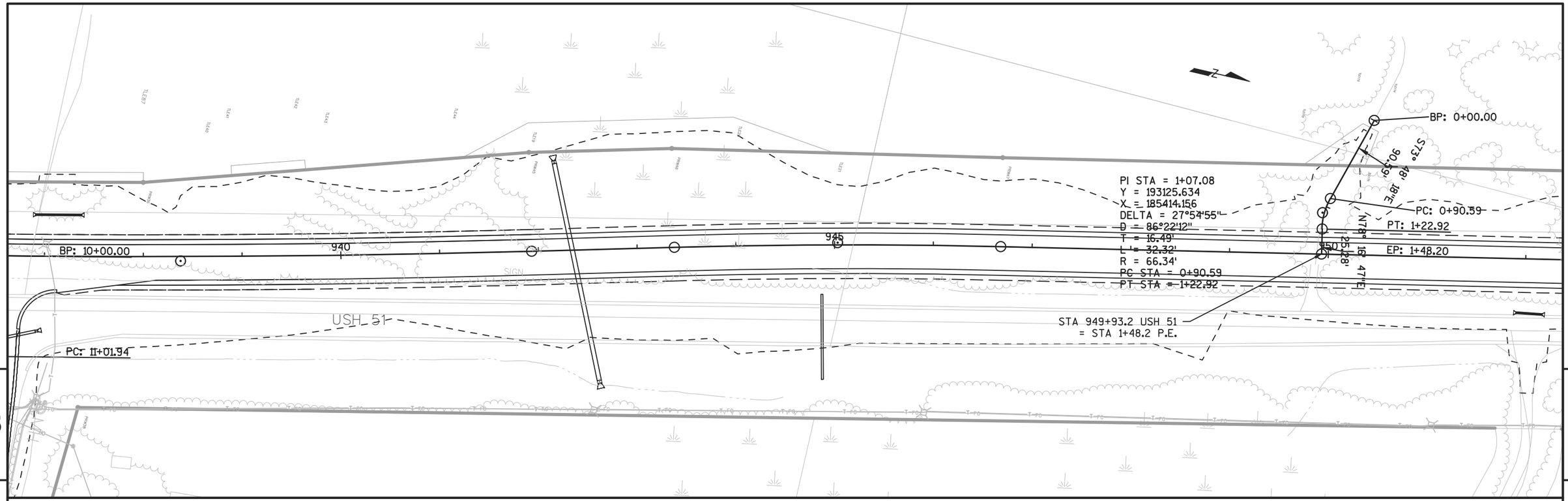
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: CLEARVIEW COURT	SHEET 262	E

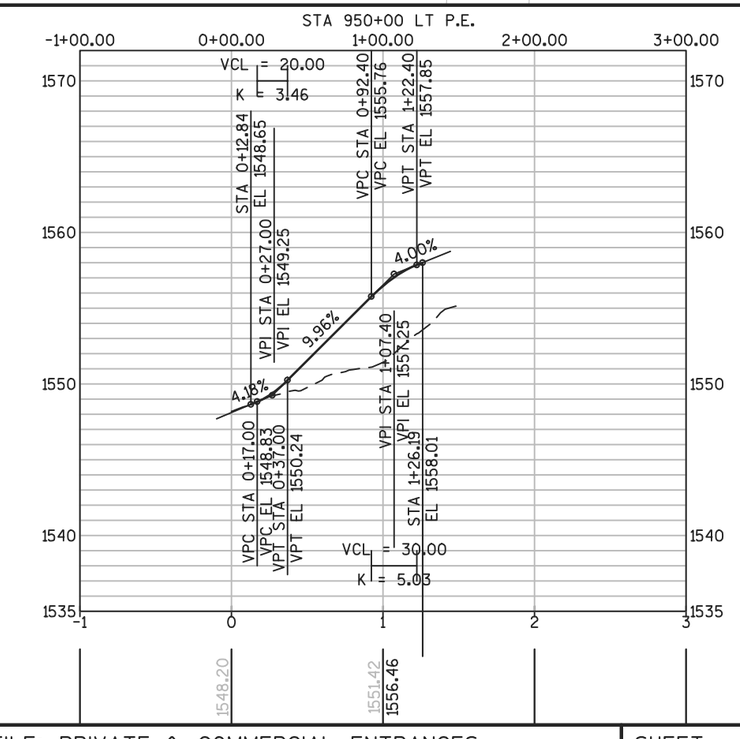
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE_SIDE_ROADS.DWG
LAYOUT NAME - SHEET - (39)
PLOT DATE : 10/19/2015 3:19 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: S. BLUE LAKE ROAD	SHEET 263	E

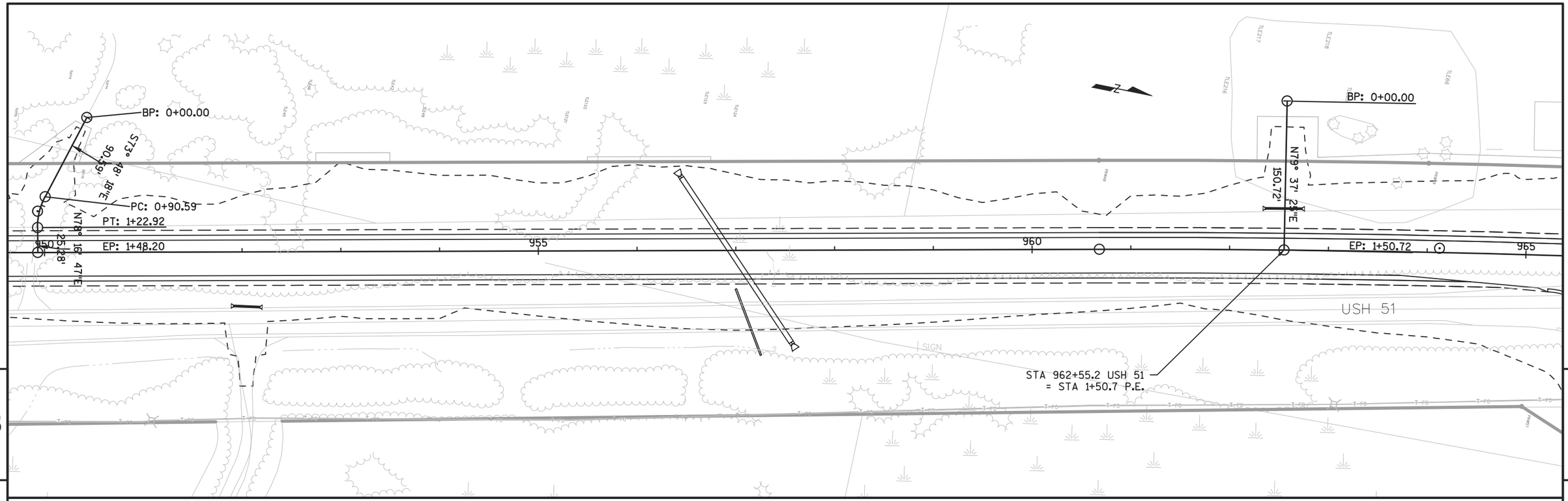
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE_SIDE_ROADS.DWG
LAYOUT NAME - SHEET - (40)
PLOT DATE : 10/19/2015 3:19 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

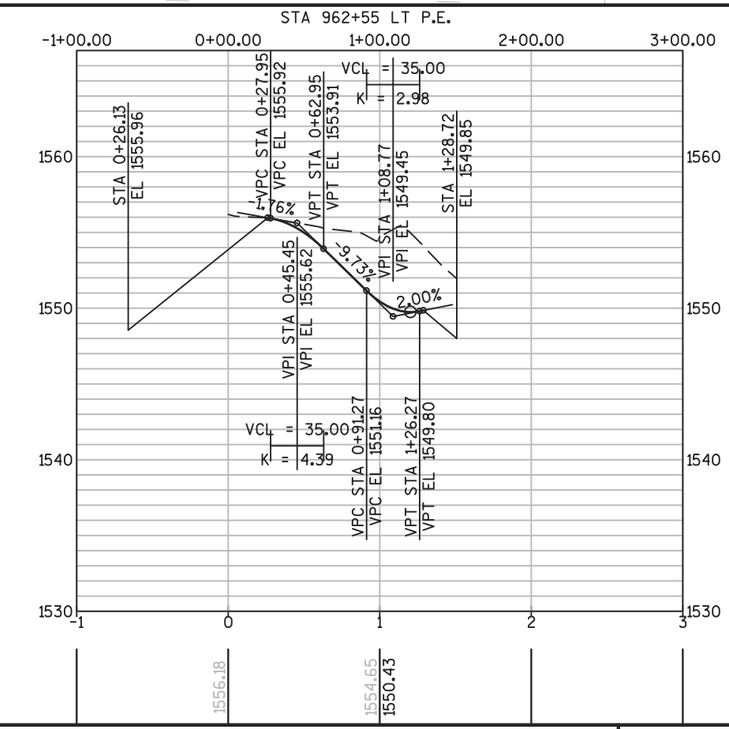




PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: PRIVATE & COMMERCIAL ENTRANCES	SHEET 264	E

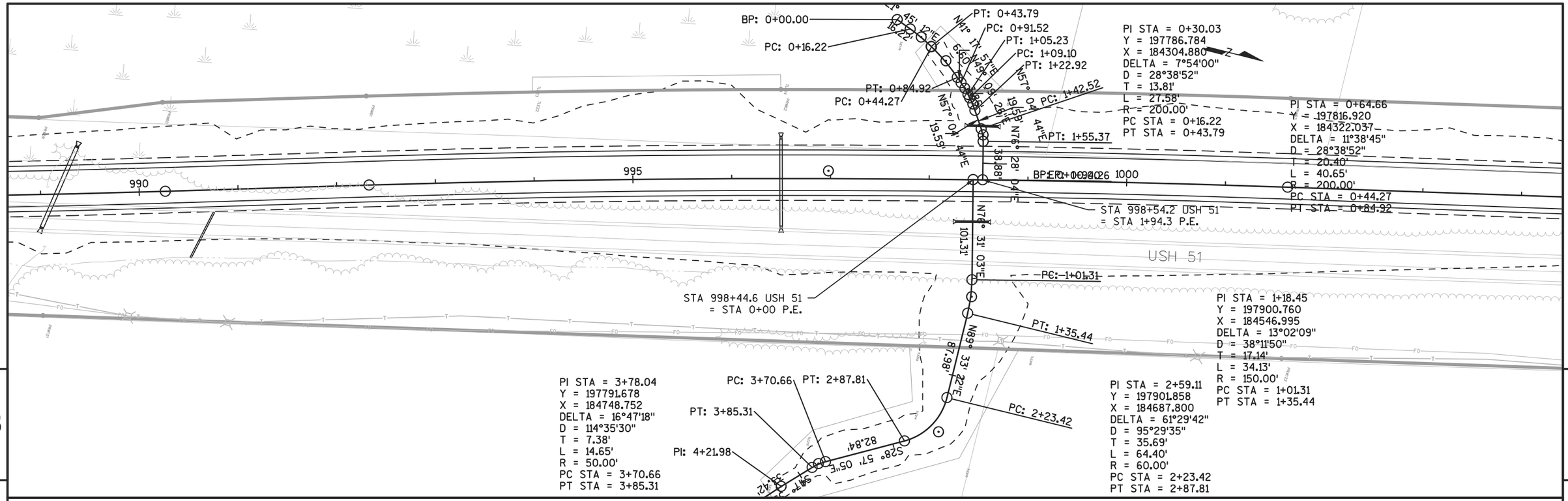
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE_DRIVEWAYS2.DWG
LAYOUT NAME - SHEET - (42)
PLOT DATE : 7/31/2015 4:42 PM
PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

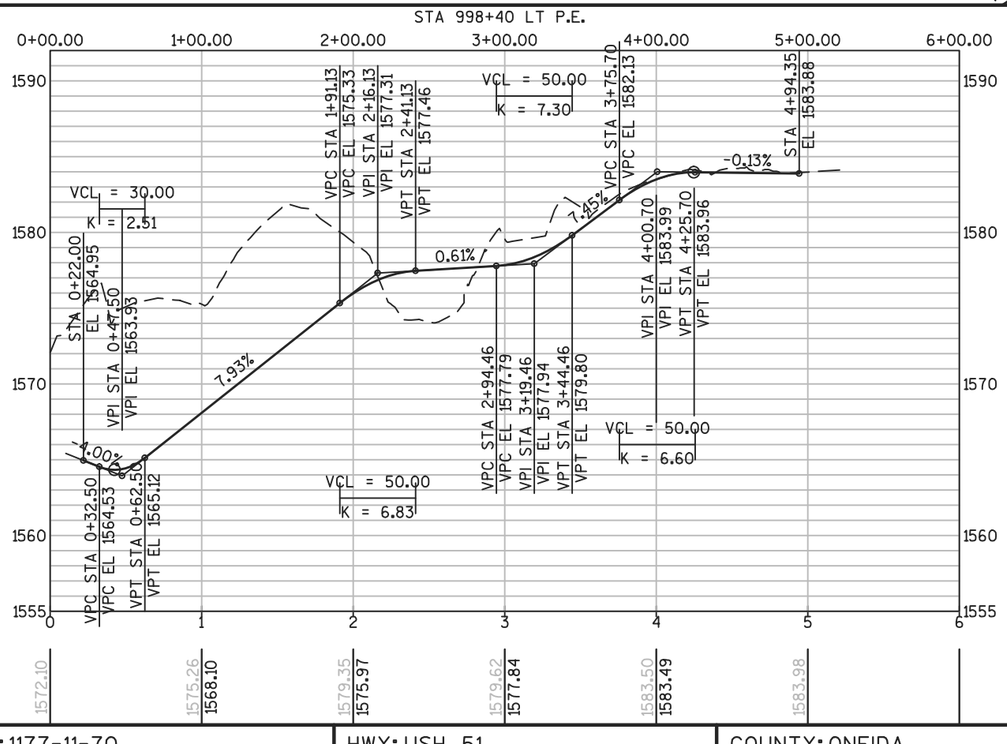


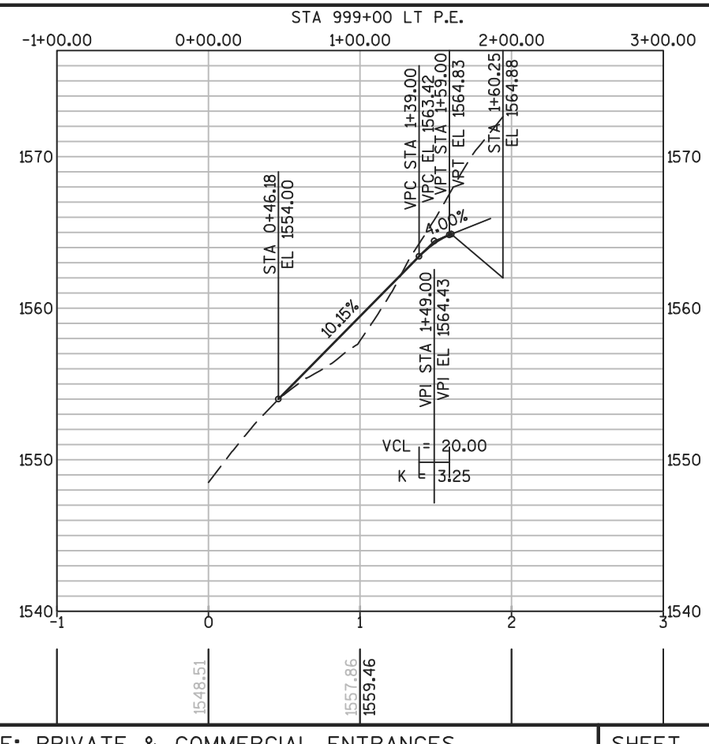


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: PRIVATE & COMMERCIAL ENTRANCES	SHEET 265	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE_DRIVEWAYS2.DWG
LAYOUT NAME - SHEET - (43)
PLOT DATE : 7/31/2015 4:42 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





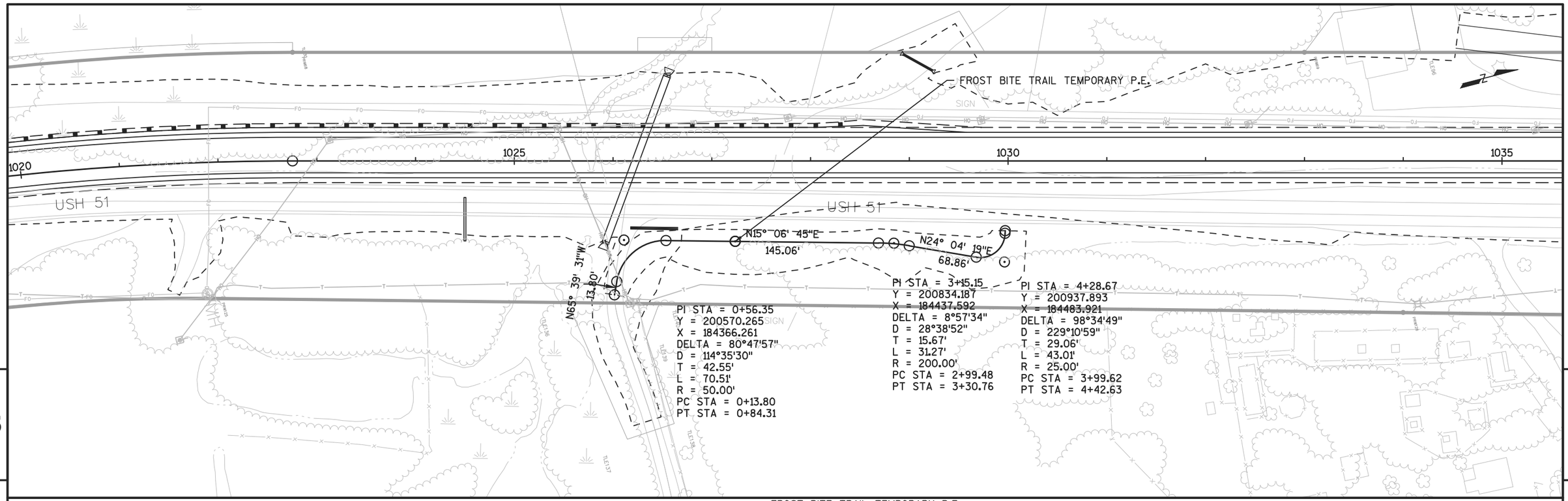


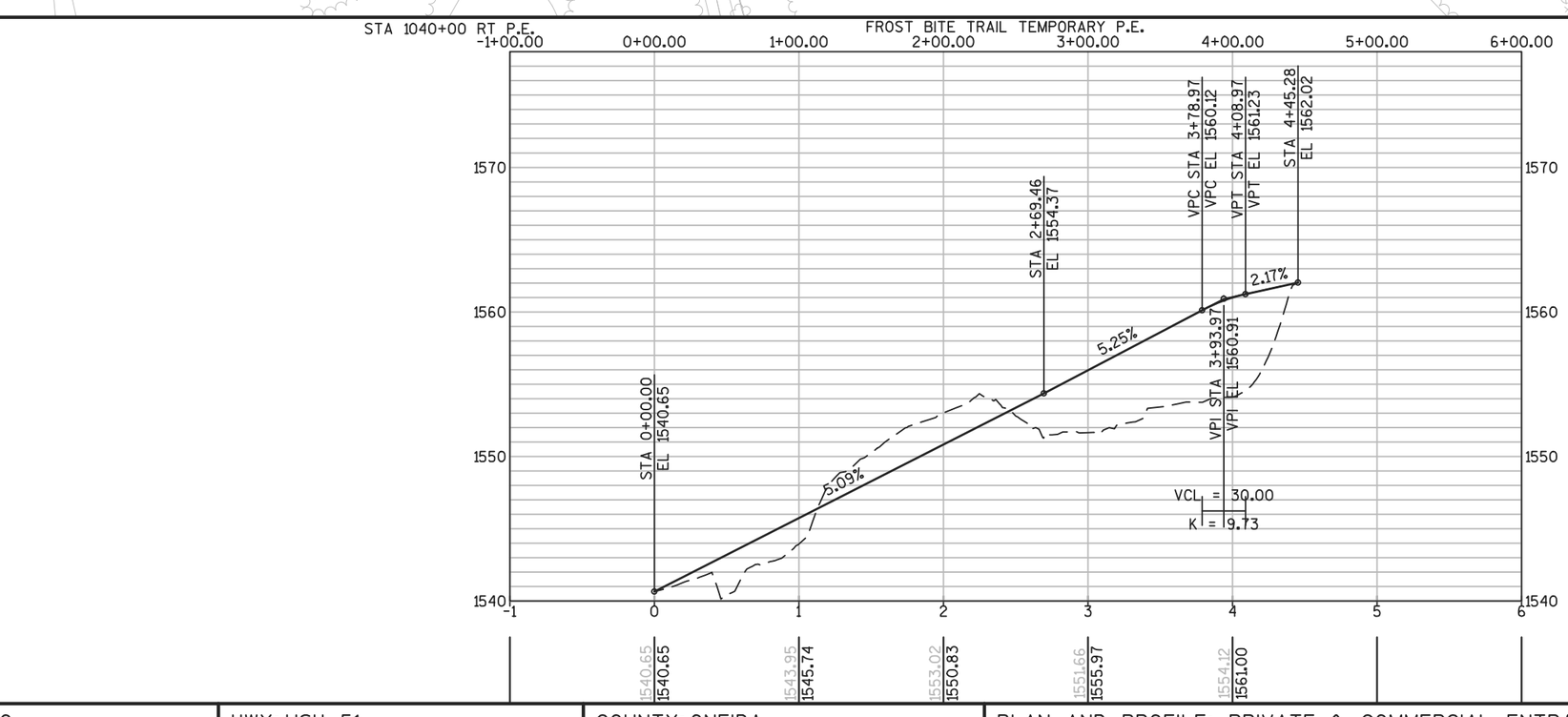
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: PRIVATE & COMMERCIAL ENTRANCES	SHEET 266	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE_DRIVEWAYS2.DWG
LAYOUT NAME - SHEET - (46)

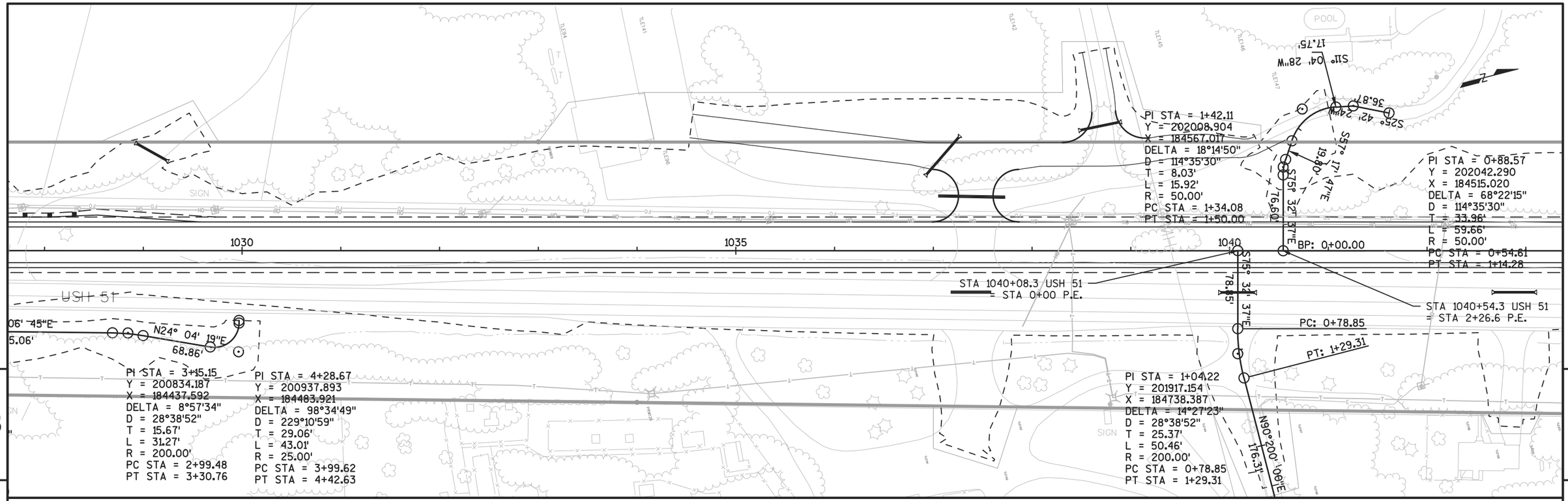
PLOT DATE : 7/31/2015 4:42 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



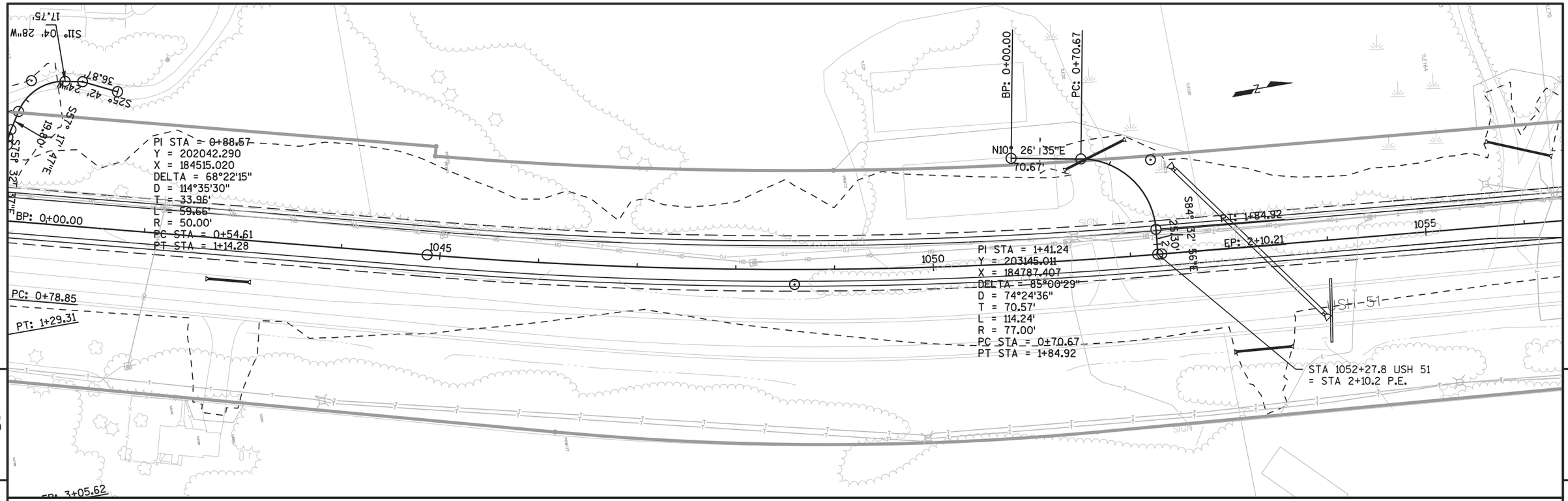


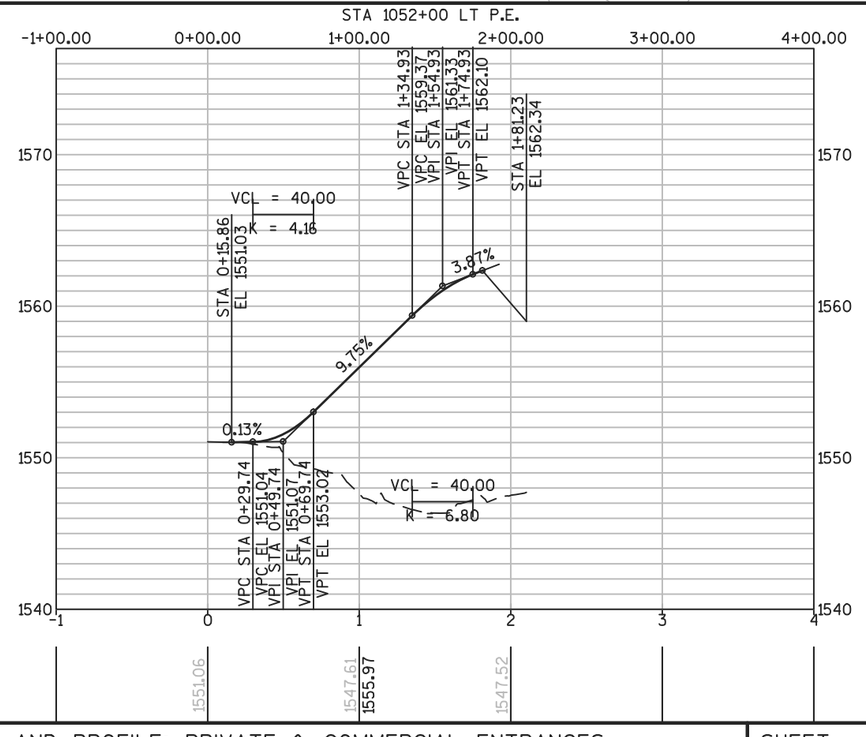
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: PRIVATE & COMMERCIAL ENTRANCES	SHEET 267	E



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: PRIVATE & COMMERCIAL ENTRANCES	SHEET 268 E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE_DRIVEWAYS2.DWG
LAYOUT NAME - SHEET - (49)
PLOT DATE : 7/31/2015 4:43 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: PRIVATE & COMMERCIAL ENTRANCES	SHEET 269	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE_DRIVEWAYS2.DWG
LAYOUT NAME - SHEET - (50)
PLOT DATE : 7/31/2015 4:43 PM
PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

PI STA = 5+13.97
Y = 203861.349
X = 184878.801
DELTA = 90°04'14"
D = 143°14'22"
T = 40.05'
L = 62.88'
R = 40.00'
PC STA = 4+73.92
PT STA = 5+36.80

PI STA = 0+77.18
Y = 204322.918
X = 184901.650
DELTA = 94°17'58"
D = 114°35'30"
T = 53.90'
L = 82.29'
R = 50.00'
PC STA = 0+23.28
PT STA = 1+05.57

PI STA = 0+53.31
Y = 204321.526
X = 184860.675
DELTA = 71°47'03"
D = 114°35'30"
T = 36.18'
L = 62.64'
R = 50.00'
PC STA = 0+17.12
PT STA = 0+79.77

PI STA = 2+30.12
Y = 204501.582
X = 184909.409
DELTA = 79°56'08"
D = 119°21'58"
T = 40.23'
L = 66.97'
R = 48.00'
PC STA = 1+89.89
PT STA = 2+56.85

BP: 10+00.00
PC: 4+73.92
PT: 5+36.80
EP: 5+65.04
PI: 3+73.80
PT: 1+05.57
BP: 0+00.00
PC: 0+23.28
PT: 0+79.77
BP: 0+00.00
PC: 0+17.12
PC: 1+89.89
PT: 2+56.85
EP: 3+11.12
PC 1+89.53

USH 51

STA 1059+50 USH 51
= STA 5+65.0 TEMPORARY P.E.

STA 1065+90.4 USH 51
= STA 3+10.8 P.E.

STA 1064+00 LT P.E. TEMPORARY

VPT STA 0+77.70 EL 1585.05
VCL = 50.00 K = 9.86
-9.18%
VPC STA 1+73.06 EL 1576.29
VPI STA 1+98.06 EL 1574.00
VPT STA 2+23.06 EL 1572.97
-4.11%
VPC STA 3+56.28 EL 1567.50
VPI STA 3+81.28 EL 1566.47
VPT STA 4+06.28 EL 1564.04
VCL = 30.00 K = 2.56
VPC STA 4+82.49 EL 1555.66
VPI STA 5+07.49 EL 1554.20
-9.72%
VPT STA 5+22.49 EL 1554.50
2.00%
STA 5+65.39 EL 1555.36
VCL = 50.00 K = 10.27
VCL = 50.00 K = 8.91

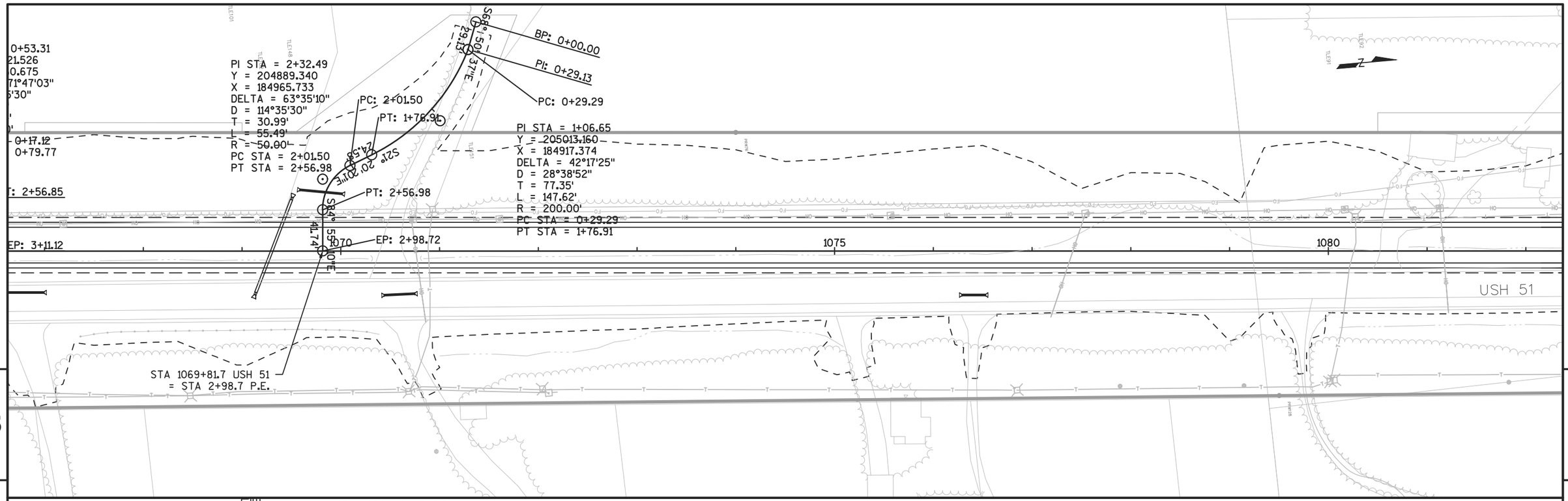
1589.61 1581.75 1583.00 1572.42 1574.19 1564.80 1569.81 1572.46 1564.63 1566.35 1555.04

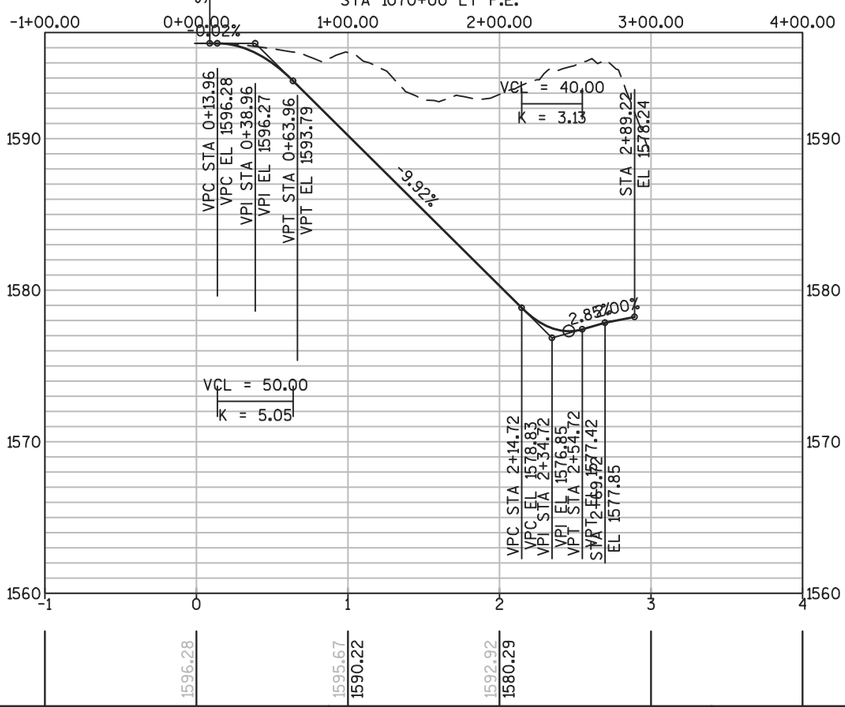
STA 1066+00 LT P.E.

STA 0+13.96 EL 1589.65
-6.93%
VPC STA 0+93.11 EL 1584.20
VPI STA 1+18.11 EL 1582.46
VPT STA 1+43.11 EL 1580.29
VCL = 40.00 K = 3.15
STA 3+05.26 EL 1572.16
-8.69%
VCL = 50.00 K = 28.47
VPC STA 2+41.51 EL 1571.74
VPI STA 2+61.51 EL 1570.00
VPT STA 2+81.51 EL 1570.60

1590.44 1583.06 1583.71 1571.91 1575.35 1585.98 1571.86

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: PRIVATE & COMMERCIAL ENTRANCES	SHEET 270	E





PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: PRIVATE & COMMERCIAL ENTRANCES	SHEET 271	E

BP: 0+00.00

PC: 0+20.52

PT: 1+00.45

PC: 2+03.34

PI STA = 2+43.34
Y = 210968.511
X = 185654.096
DELTA = 90°00'00"
D = 143°14'22"
T = 40.00'
L = 62.83'
R = 40.00'
PC STA = 2+03.34
PT STA = 2+66.17

PI STA = 0+71.93
Y = 210776.588
X = 185623.811
DELTA = 91°35'14"
D = 114°35'30"
T = 51.40'
L = 79.93'
R = 50.00'
PC STA = 0+20.52
PT STA = 1+00.45

S79° 26' 43"E 20.52'

N8° 58' 02"E

102.89'

S81° 01' 58"E 55.58'

PT: 2+66.17

EP: 2+81.76

USH 51

STA 1131+04.0 USH 51
= STA 2+81.8 P.E.

S. BLUE LAKE RD

RUINS

1120 1125 1130

STA 1129+00 LT P.E. TEMPORARY

-1+00.00 0+00.00 1+00.00 2+00.00 3+00.00 4+00.00

VCL = 50.00
K = 24.38

VCL = 50.00
K = 11.73

STA 0+00.00
EL 1612.04

STA 2+81.76
EL 1607.19

-4.32%

-2.26%

2.00%

VPC STA 0+25.13
VPC EL 1610.95
VPI STA 0+50.13
VPI EL 1609.87
VPT STA 0+75.13
VPT EL 1609.31

VPC STA 1+96.56
VPC EL 1606.56
VPI STA 2+21.56
VPI EL 1605.99
VPT STA 2+46.56
VPT EL 1606.49

1620 1610 1600 1590

-1 0 1 2 3 4

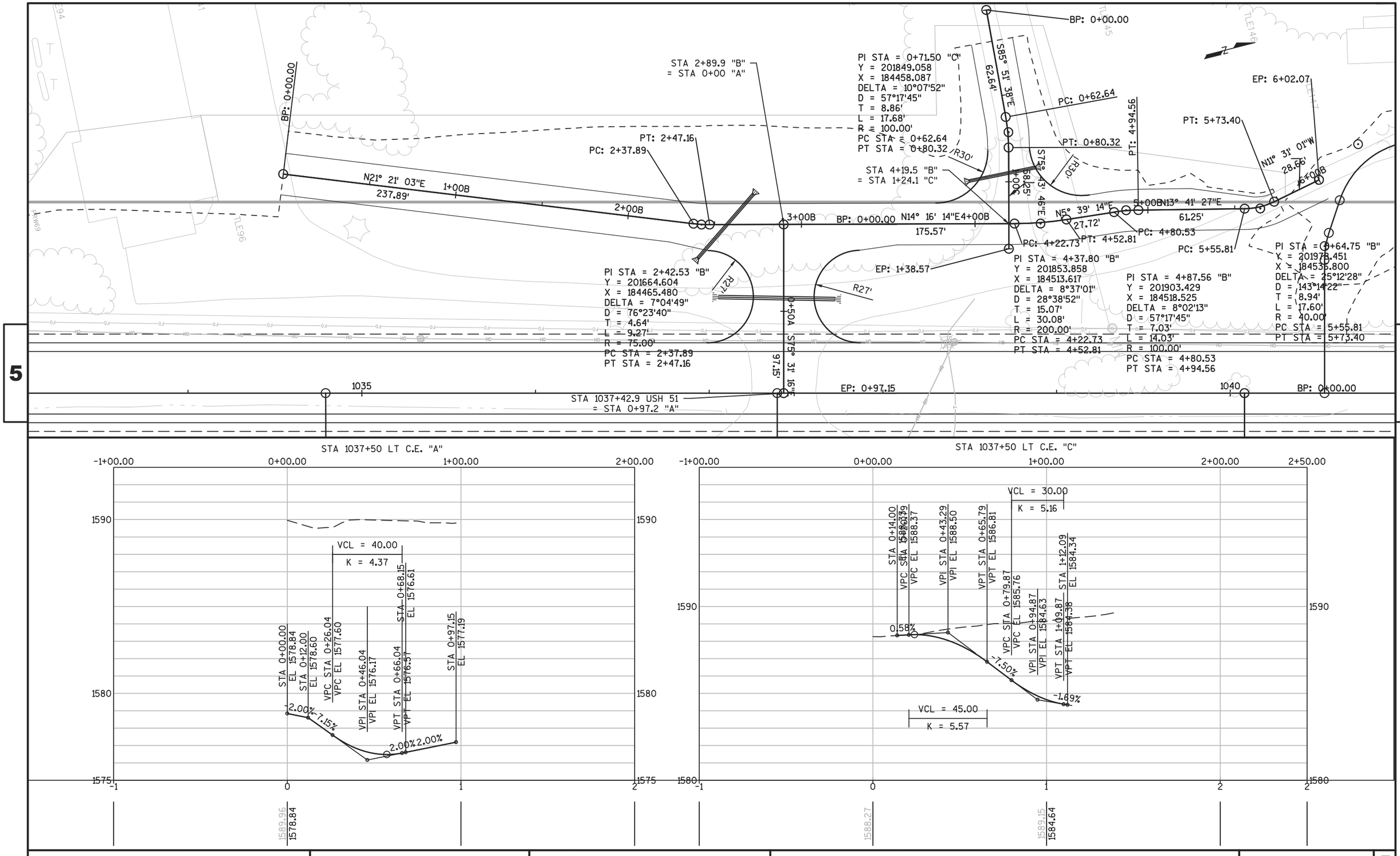
1612.04 1612.04 1610.69 1608.74 1613.34 1606.48

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: PRIVATE & COMMERCIAL ENTRANCES	SHEET 272	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE_DRIVEWAYS2.DWG
LAYOUT NAME - SHEET - (56)

PLOT DATE : 7/31/2015 4:44 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

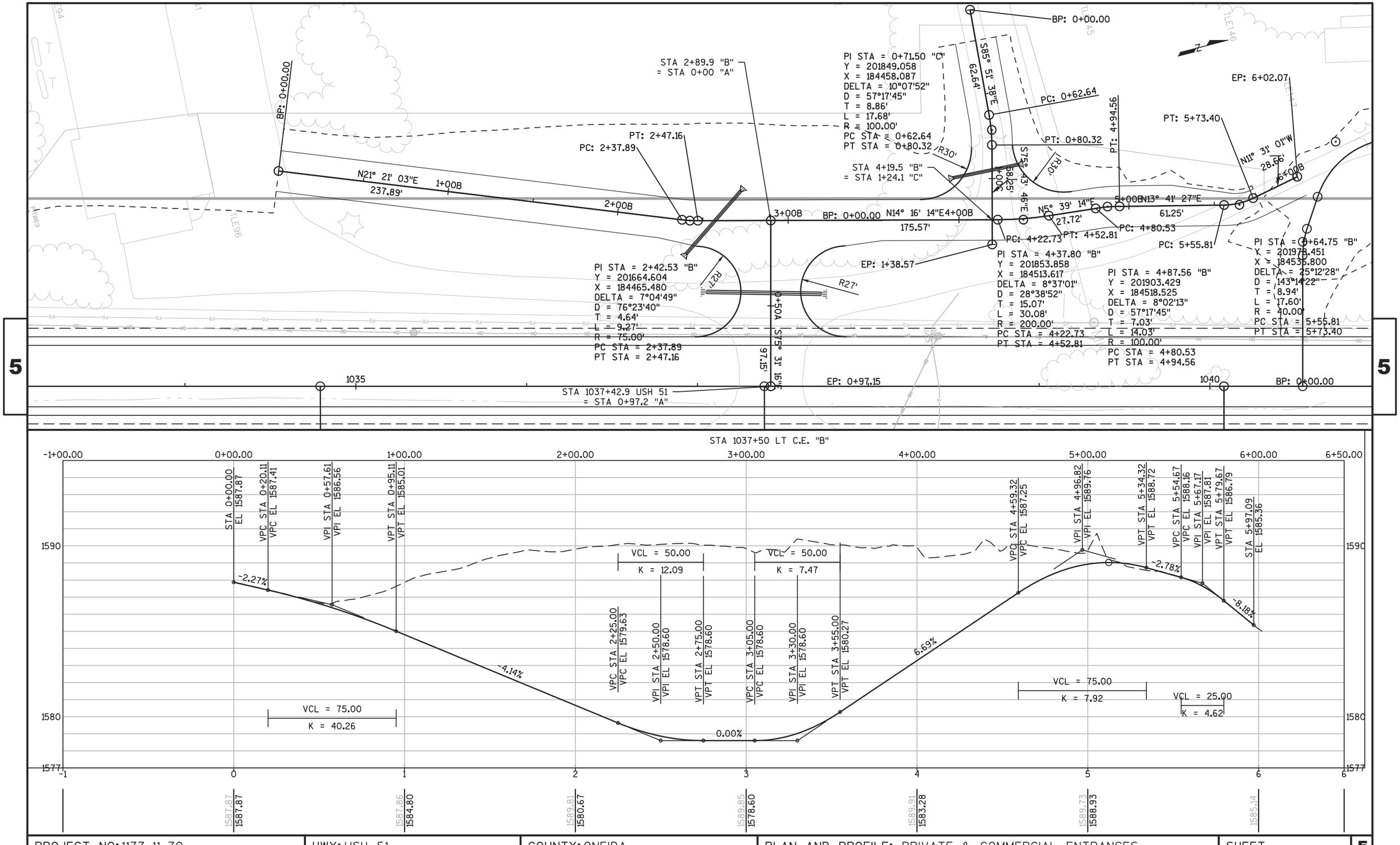


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: PRIVATE & COMMERCIAL ENTRANCES	SHEET 273	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE_PLAYHOUSE.DWG
LAYOUT NAME - SHEET - (58)

PLOT DATE : 7/31/2015 4:45 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PLAN AND PROFILE: PRIVATE & COMMERCIAL ENTRANCES	SHEET 274	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\PLAN-PROFILE\70 MPH\PLAN_PROFILE_PLAYHOUSE.DWG
LAYOUT NAME - SHEET - (59)
PLOT DATE : 7/31/2015 4:45 PM
PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

Standard Detail Drawing List

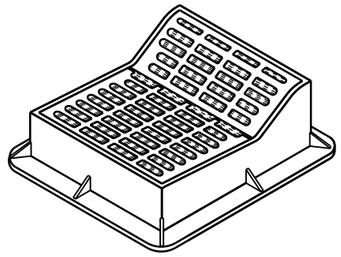
08A05-19C	INLET COVERS TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S
08C07-01	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08D01-18	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D03-06	CONCRETE SURFACE DRAINS DROP INLET TYPE AT STRUCTURES
08D04-05	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F02-01	APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE
08F04-07	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
08F10-01	CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH
09A01-13A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
09G01-04A	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04D	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04E	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04F	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04G	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G02-03A	BRIDGE TEMPORARY TRAFFIC SIGNAL INSTALLATION
09G02-03C	BRIDGE TEMPORARY TRAFFIC SIGNAL INSTALLATION
12A03-10	NAME PLATE (STRUCTURES)
13A10-01A	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01B	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01C	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01D	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A11-02A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-02B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13B02-08A	CONCRETE PAVEMENT APPROACH SLAB
13B02-08B	STRUCTURAL APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB
14B07-14A	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-14B	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-14C	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-14D	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-14E	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-14F	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-14G	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-14H	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B29-01	SAFETY EDGE
14B42-03A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-03B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-03C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-02A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-04A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04E	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04F	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04H	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04I	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04J	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04K	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04L	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C04-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16B	PAVEMENT MARKING (INTERSECTIONS)
15C08-16C	PAVEMENT MARKING (CLIMBING LANE & PASSING LANE)
15C08-16D	PAVEMENT MARKING (CLIMBING LANE & PASSING LANE)
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C19-03A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15D03-02	TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H. WITH BARRIER
15D28-03	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D33-04	TRAFFIC CONTROL, ONE LANE ROAD WITH TEMPORARY SIGNALS

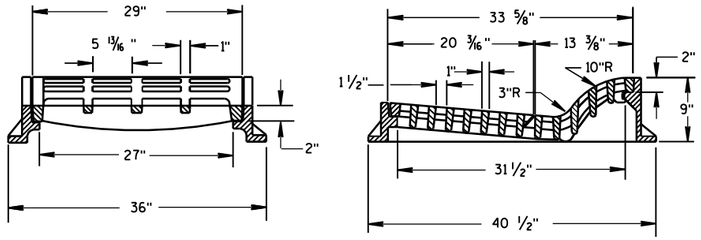
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Standard Detail Drawing List

15D38-01B	ATTACHMENT OF SIGNS TO POSTS
16A01-06	LANDMARK REFERENCE MONUMENTS AND COVERS

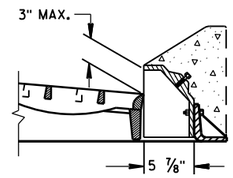
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TYPE "F"

USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.



ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

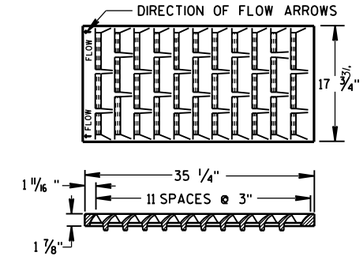
USE WITH TYPES G & J CONCRETE CURB & GUTTER, 30 INCH
NOTED AS TYPE HM-GJ ON DRAINAGE TABLE

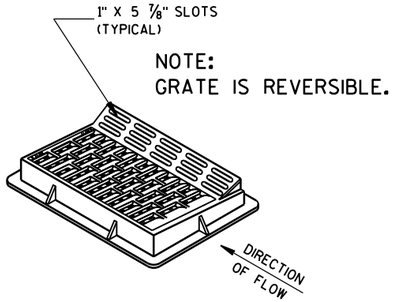
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM-GJ" COVER
NOTED AS TYPE HM-GJ-S ON DRAINAGE TABLE

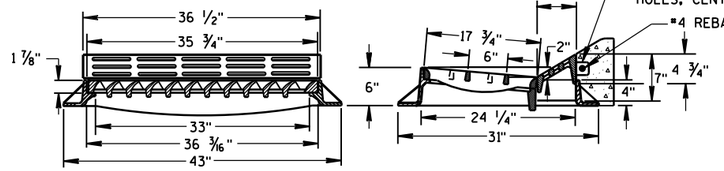
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.



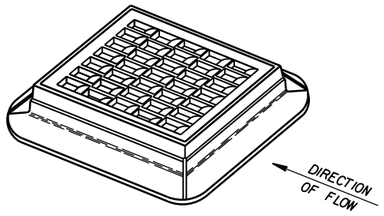


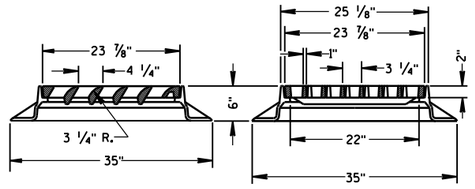


TYPE "HM"

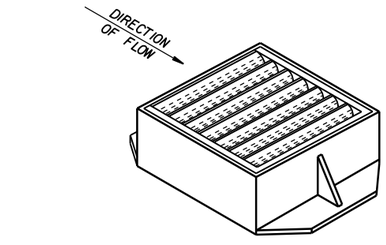
USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.

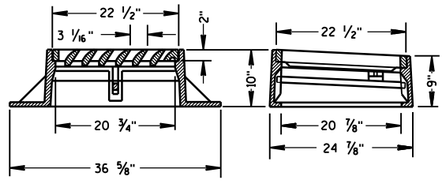
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM" COVER
NOTED AS TYPE HM-S ON DRAINAGE TABLE



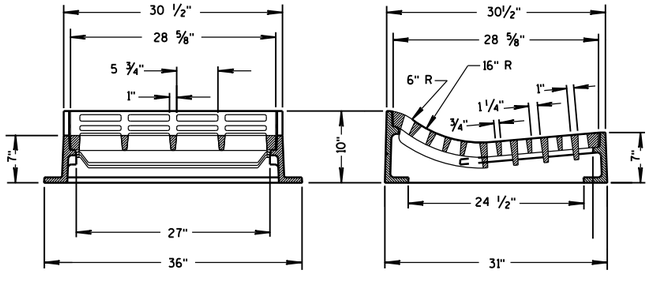


TYPE "S"



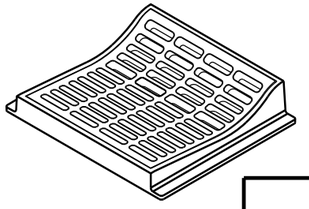


TYPE "V"



TYPE "T"

USE WITH TYPES R & T CONCRETE CURB & GUTTER, 36 INCH.



INLET COVERS
TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

277

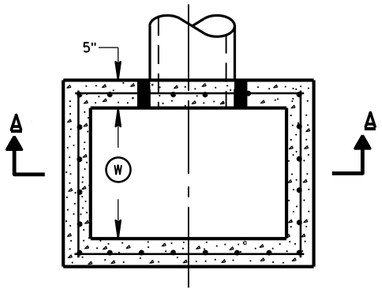
FHWA

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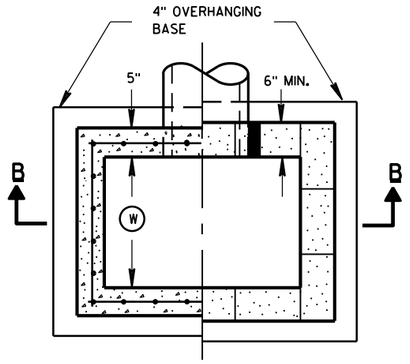
S.D.D. 8 A 5-19c

6

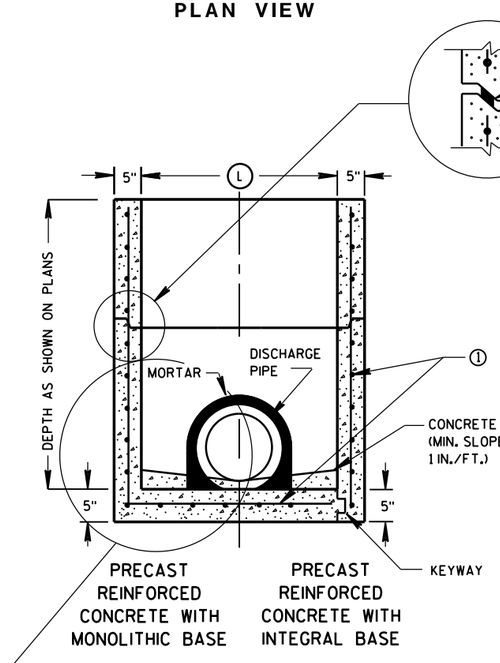
S.D.D. 8 A 5-19c



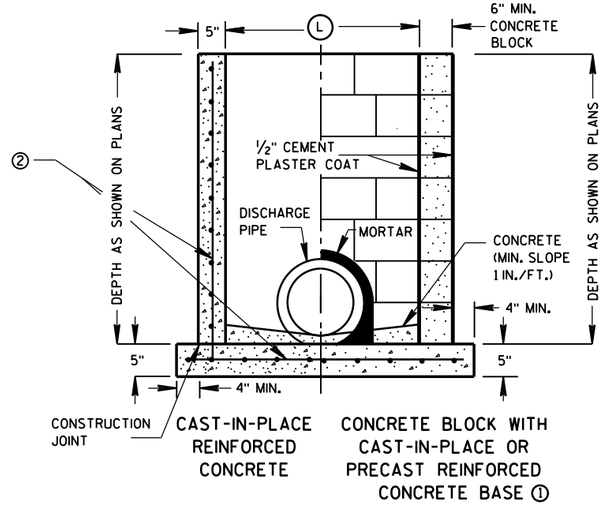
PLAN VIEW



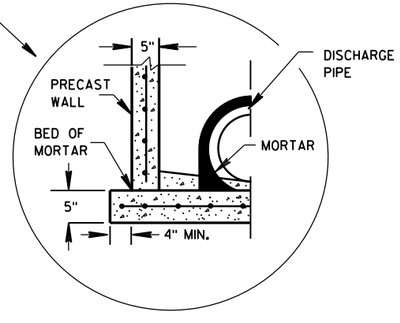
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

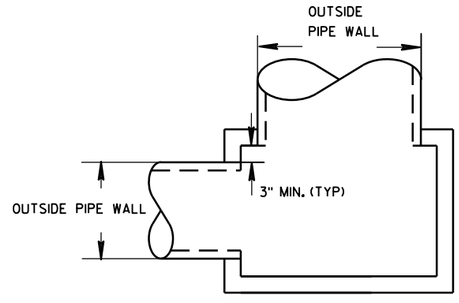
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



DETAIL "A"

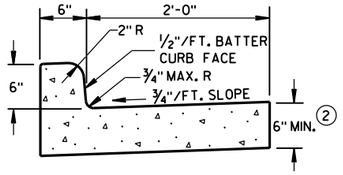
INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

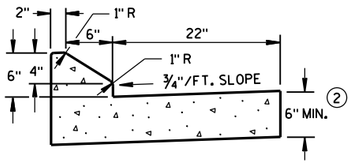
APPROVED
6/5/2012
DATE
FHWA

/S/ Jerry H. Zogg
ROADWAY STANDARDS DE
ENGINEER

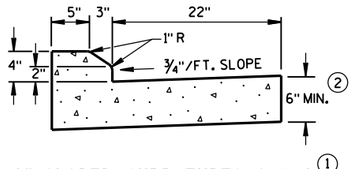
6
S.D.D. 8 C 7-1



TYPES A & D ①

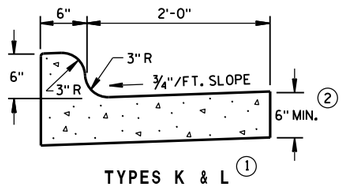


6" SLOPED CURB TYPES G & J ①

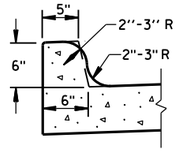


4" SLOPED CURB TYPES G & J ①

CONCRETE CURB & GUTTER 30"

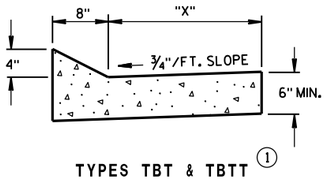


TYPES K & L ①



OPTIONAL CURB SHAPE FOR TYPES K & L ①

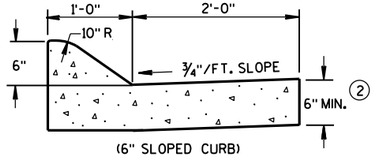
CONCRETE CURB & GUTTER 30"



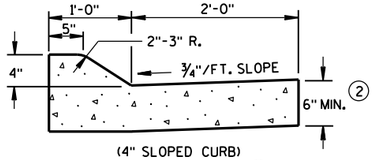
TYPES TBT & TBTT ①

CONCRETE CURB & GUTTER

TBT & TBTT	"X"
30"	22"
36"	28"

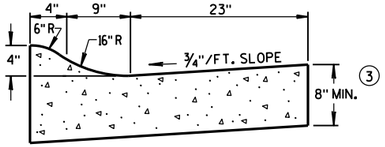


(6" SLOPED CURB)



(4" SLOPED CURB)

TYPES A & D ①



4" SLOPED CURB TYPES R & T ① ④

CONCRETE CURB & GUTTER 36"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

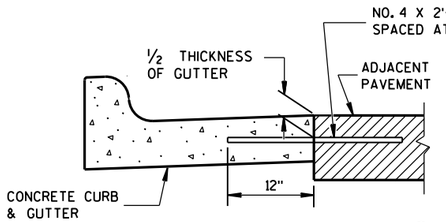
① TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

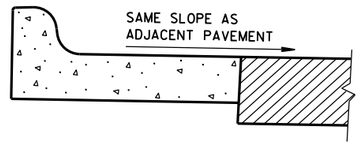
③ THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

④ THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

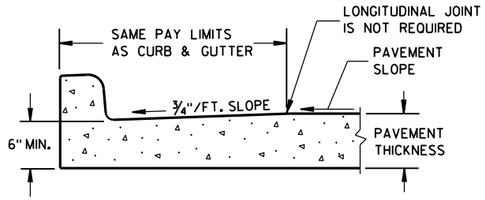
⑤ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.



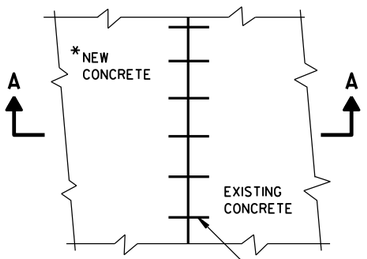
TYPICAL TIE BAR LOCATION ①



REVERSE SLOPE GUTTER ⑤
(TYPICAL FOR ALL CURB & GUTTER TYPES)

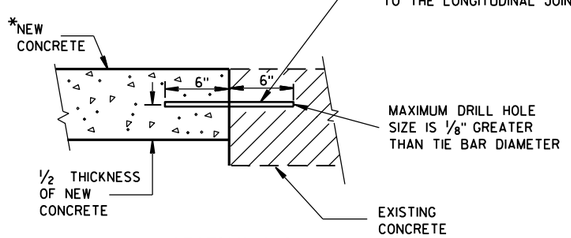


PARTIAL SECTION OF PAVEMENT
WITH INTEGRAL CURB & GUTTER



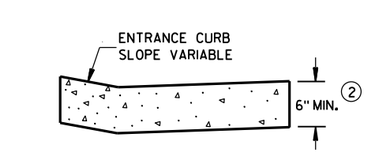
PLAN VIEW

*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

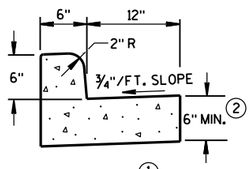


SECTION A-A

TIE BARS DRILLED
INTO EXISTING PAVEMENT

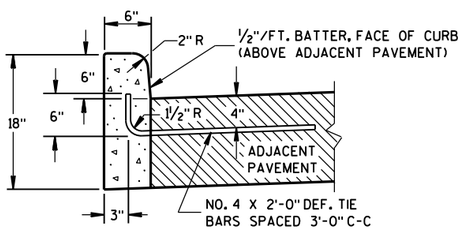


DRIVEWAY ENTRANCE CURB
(WHEN DIRECTED BY THE ENGINEER)

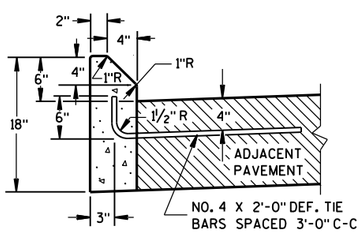


① TYPES A & D

CONCRETE CURB & GUTTER 18"

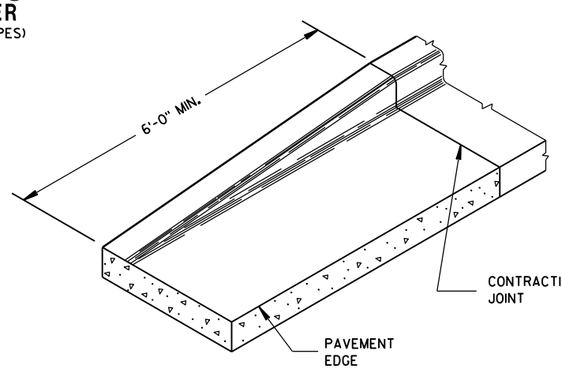


① TYPES A & D



① TYPES G & J

CONCRETE CURB



END SECTION CURB & GUTTER

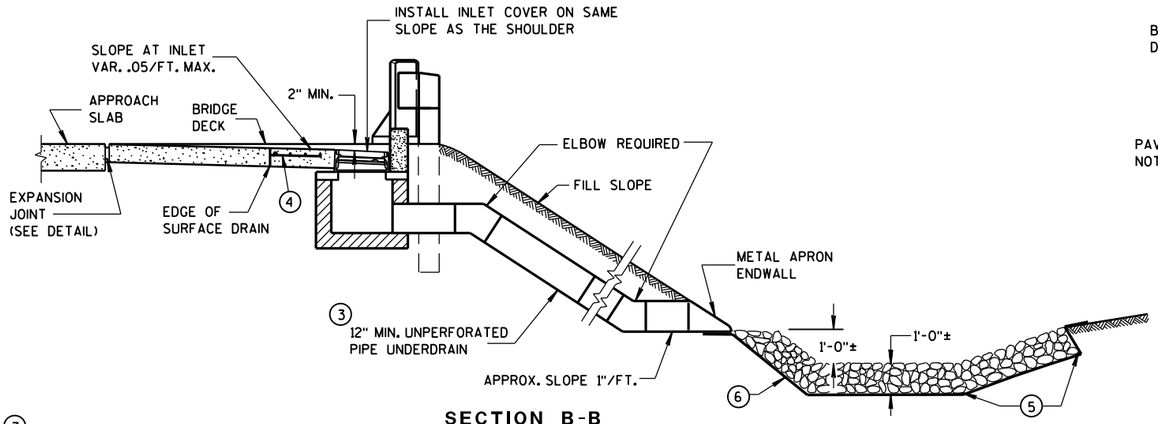
CONCRETE CURB, CONCRETE CURB & GUTTER AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

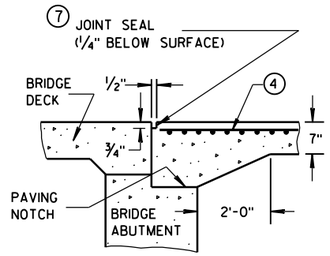
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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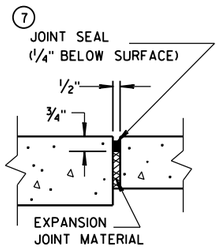
S.D.D. 8 D 1-18



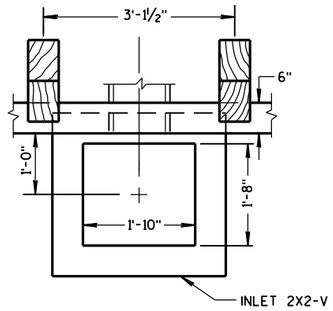
SECTION B-B



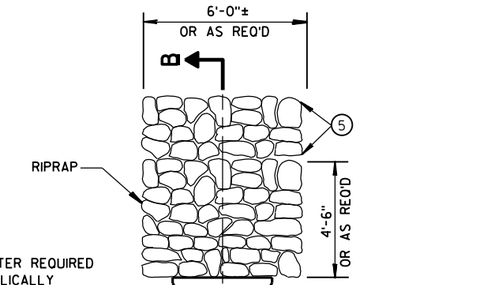
SECTION D-D

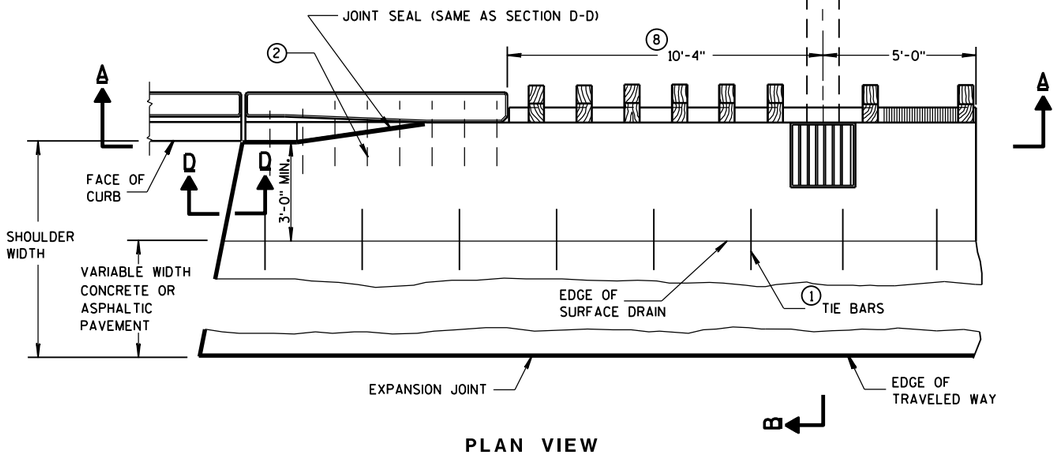


EXPANSION JOINT DETAIL

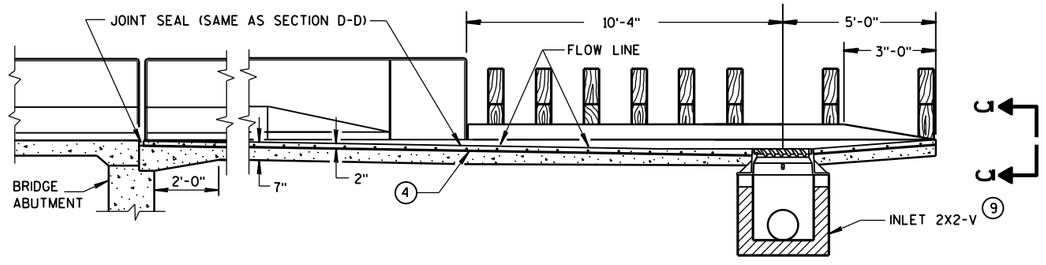


PLAN VIEW

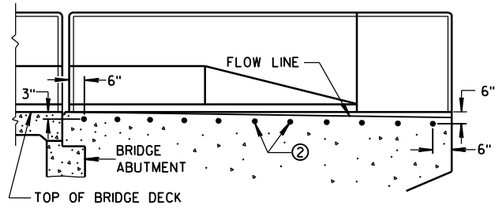




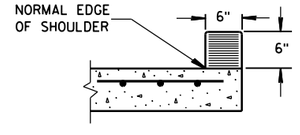
PLAN VIEW



SECTION A-A



LOCATION OF TIE BARS IN WINGWALL



SECTION C-C

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ALL STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

(1) NO. 4 X 2'-0" TIE BARS SPACED AT 3'-0" CENTERS TO BE USED ONLY WHEN ADJACENT TO P.C. CONCRETE.

(2) NO. 4 X 2'-0" TIE BARS SPACED AT 12" CENTERS TO BE PLACED BY BRIDGE CONTRACTOR, OR DRILLED TIE BARS PLACED AS DIRECTED BY THE ENGINEER.

(3) THE PIPE UNDERDRAIN MAY BE ANY ONE OF THE SIX MATERIALS LISTED IN THE STANDARD SPECIFICATIONS SECTION 612.2 EXCEPT DRAIN TILE.

(4) MINIMUM REINFORCEMENT SHALL BE 6" X 6" - W4.0 X W4.0 OR NO. 3 BARS LONGITUDINAL AND TRANSVERSE SPACING 12" C-C.

(5) LIMITS OF ADDITIONAL RIPRAP WHEN SPECIAL DITCH IS REQUIRED.

(6) GEOTEXTILE FABRIC, TYPE 'R'

(7) HOT POURED SEALANT UNLESS OTHERWISE SPECIFIED.

(8) THIS DIMENSION MAY VARY DEPENDING ON THE SPACING OF POSTS FOR THE STEEL PLATE BEAM GUARD. THE TYPICAL LOCATION FOR THE SURFACE DRAIN IS WHERE THE POST SPACING WIDENS TO 3'-1½".

(9) SEE CURRENT STANDARD DETAIL DRAWINGS 8A5 AND 8C7 FOR DETAILS.

CONCRETE SURFACE DRAINS DROP INLET TYPE AT STRUCTURES

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DEPARTMENT OF TRANSPORTATION

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9/4/08
DATE

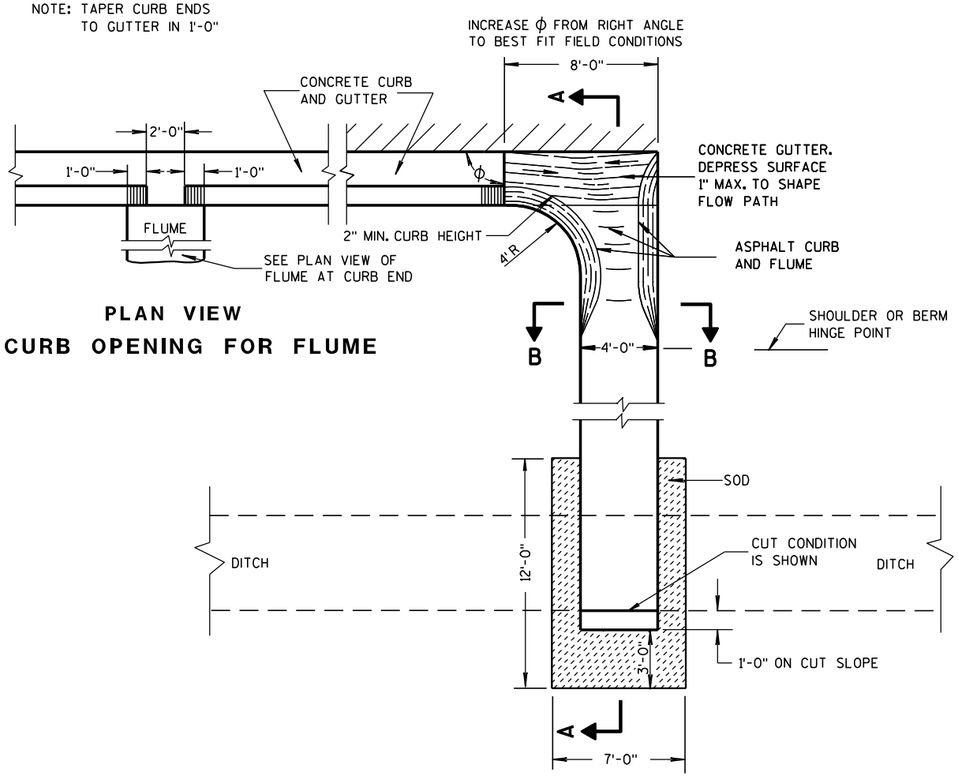
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

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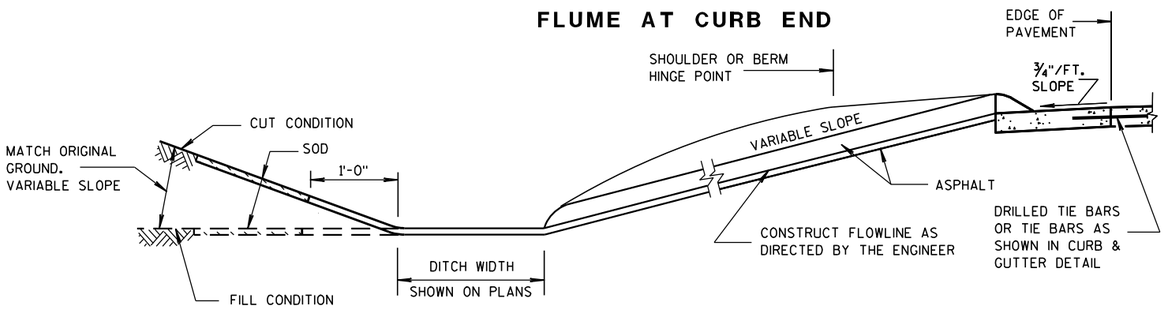
S.D.D. 8 D 3-6

ASPHALTIC FLUME

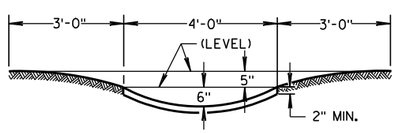


PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



SECTION A-A



SECTION B-B

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

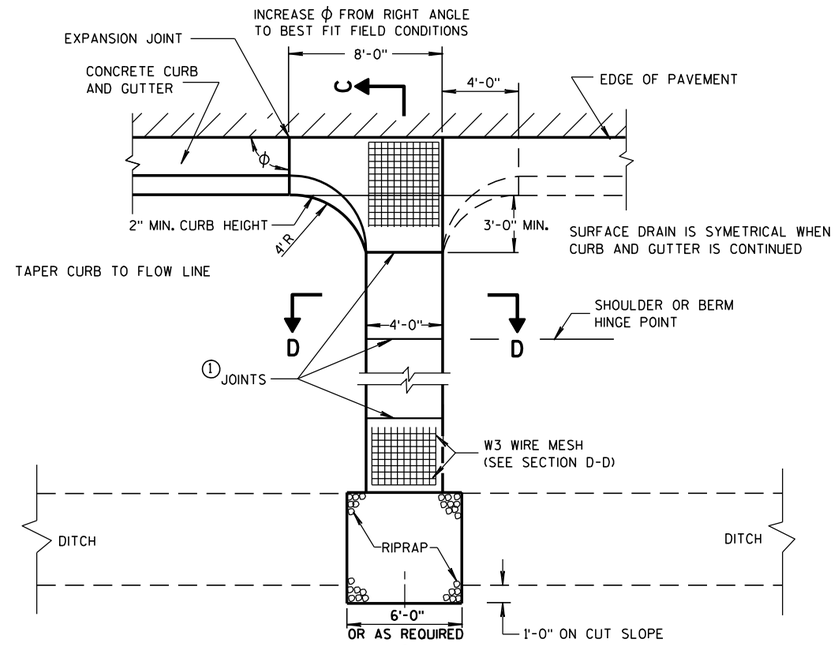
WELDED STEEL WIRE FABRIC SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

① JOINTS SHALL BE ⅛ TO ¼ INCH WIDE BY 1½ INCHES DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.

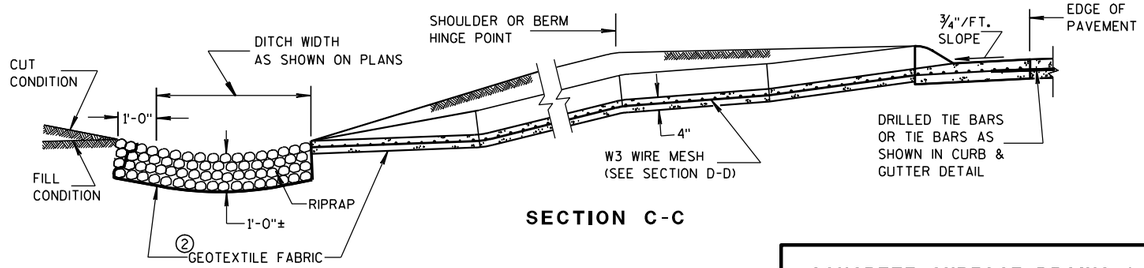
② GEOTEXTILE FABRIC TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.

③ CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED

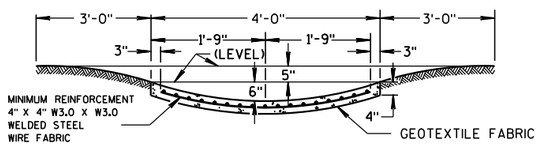
③ CONCRETE SURFACE DRAIN



PLAN VIEW



SECTION C-C



SECTION D-D

CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

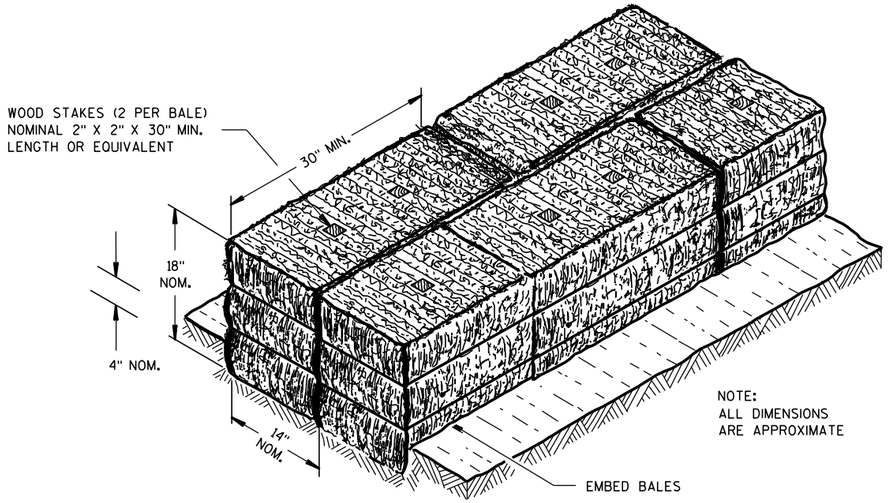
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9-4-08 DATE
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FHWA

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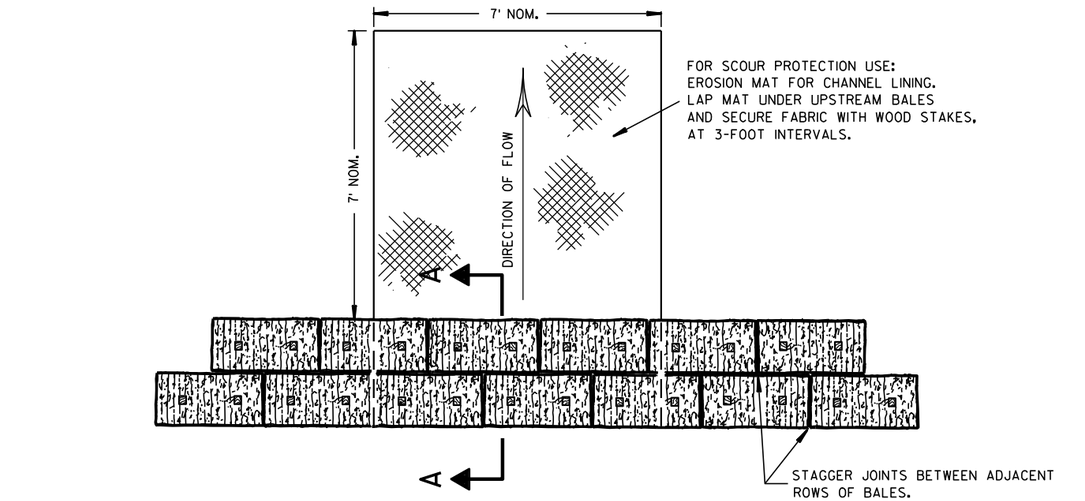
S.D.D. 8 D 4-5

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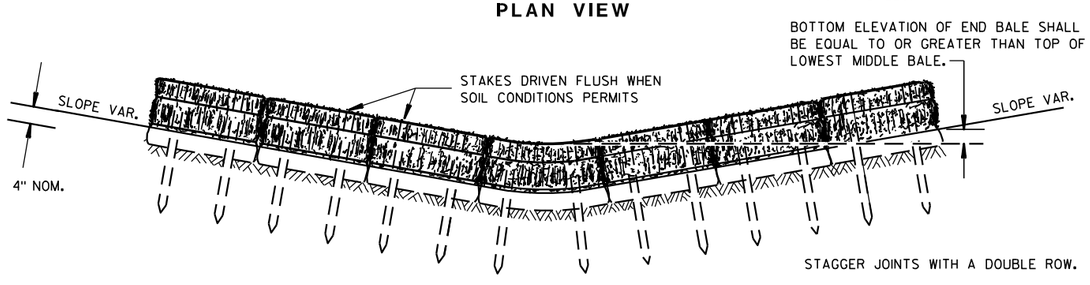
S.D.D. 8 D 4-5



SECTION A-A



PLAN VIEW



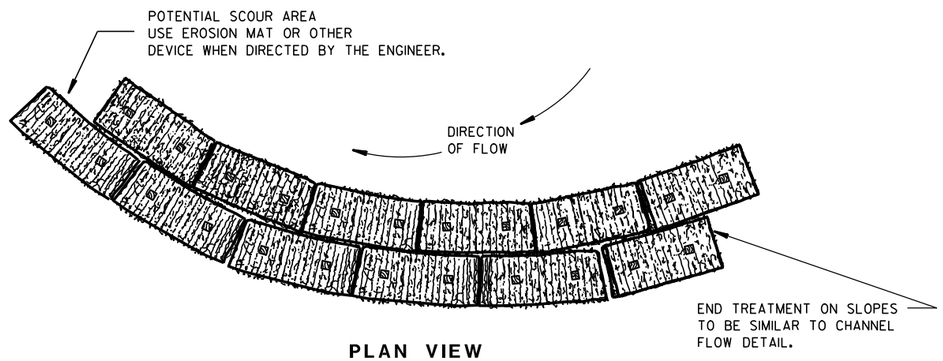
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

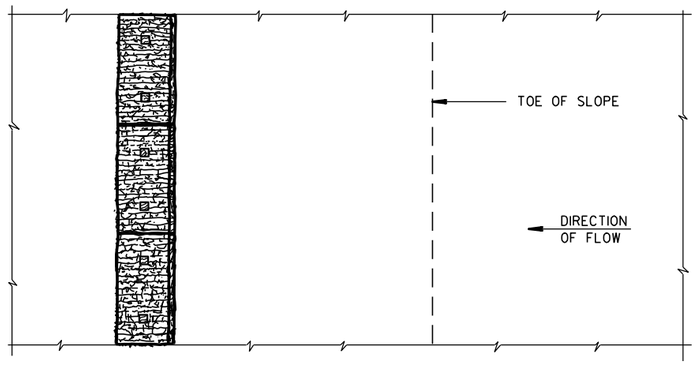
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

① TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

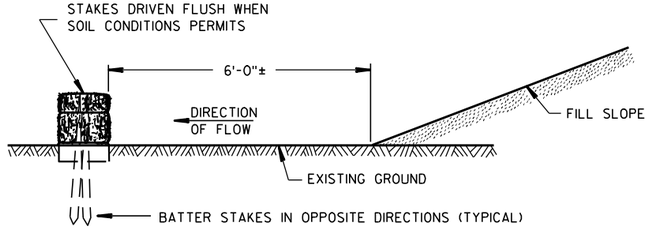


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

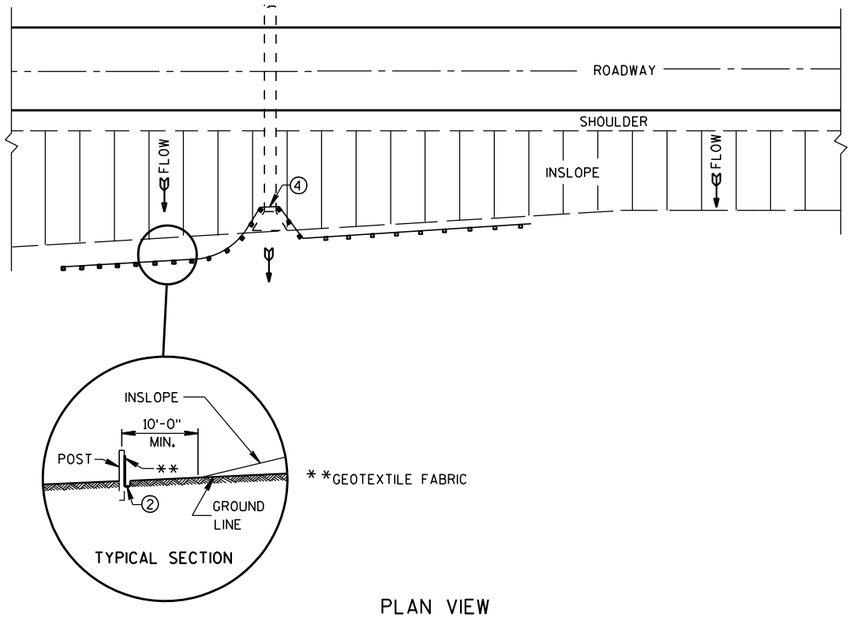
WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

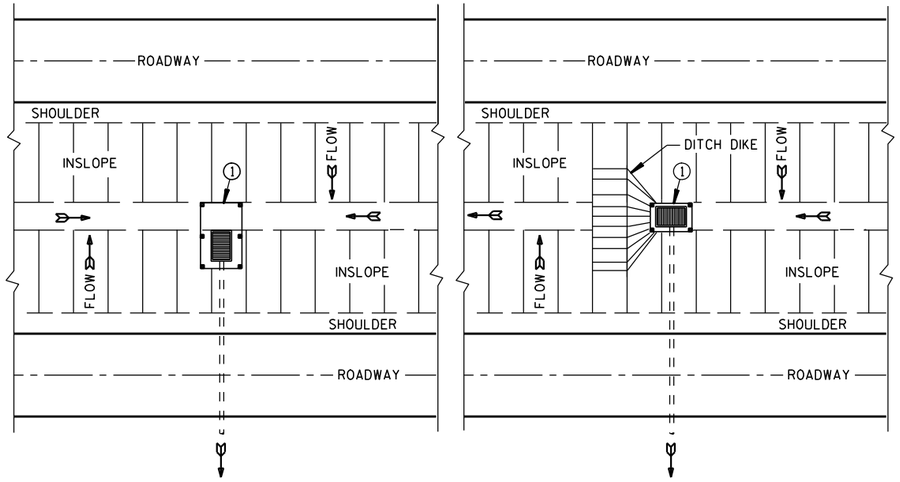
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/04/02 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



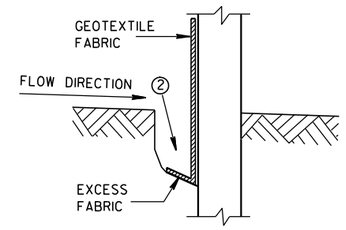
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

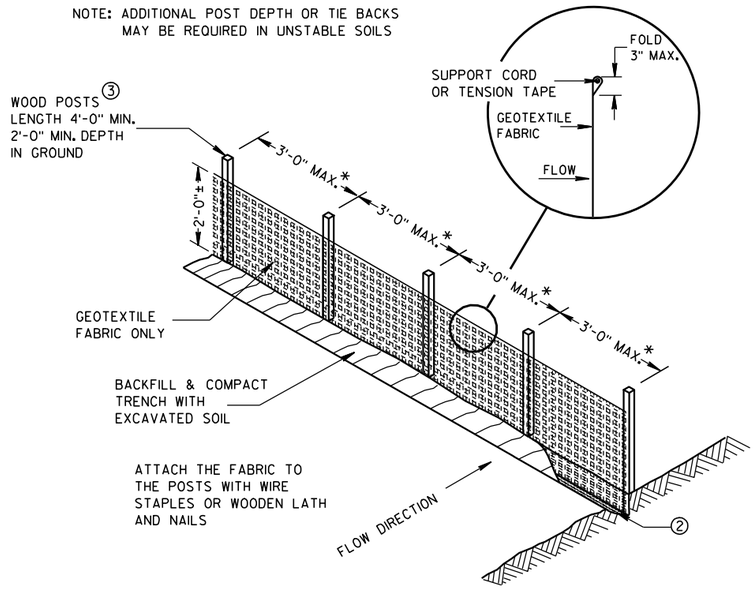
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

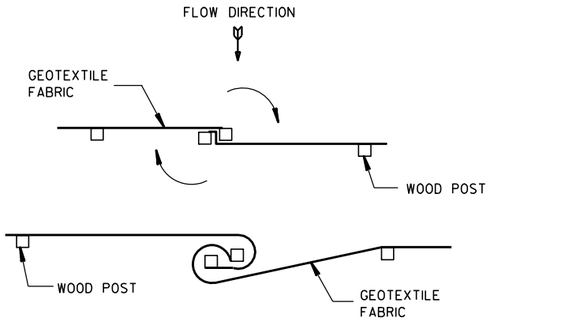
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



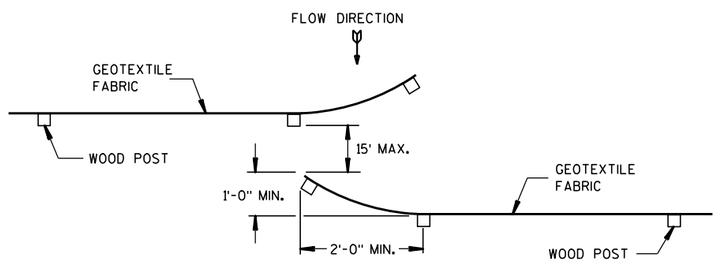
TRENCH DETAIL



SILT FENCE

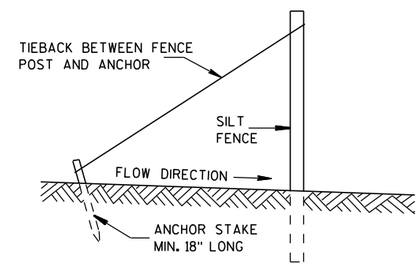


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 E 9-6

6

S.D.D. 8 E 9-6

METAL APRON ENDWALLS

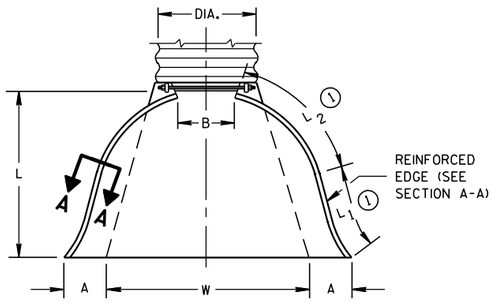
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

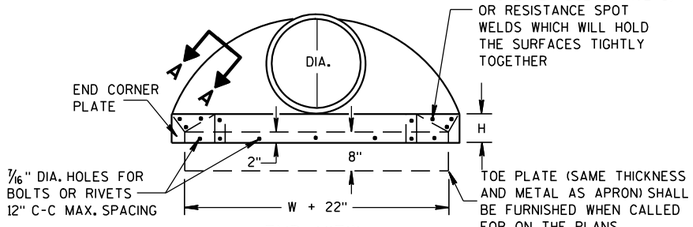
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

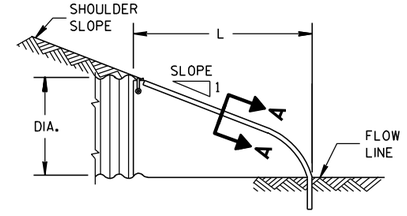
* MINIMUM
** MAXIMUM



PLAN VIEW

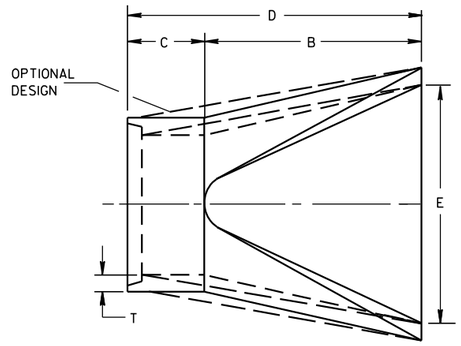


END VIEW

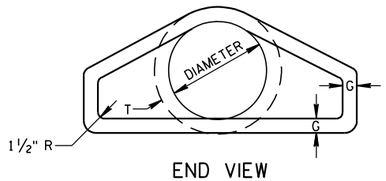


SIDE ELEVATION

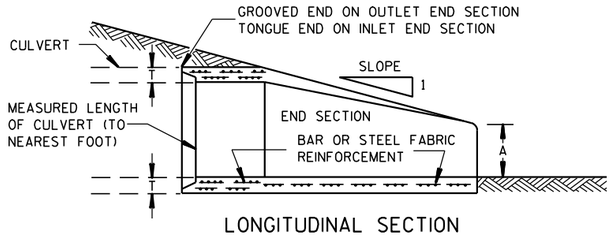
METAL ENDWALLS



PLAN

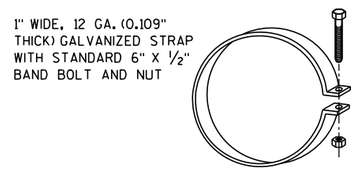


END VIEW



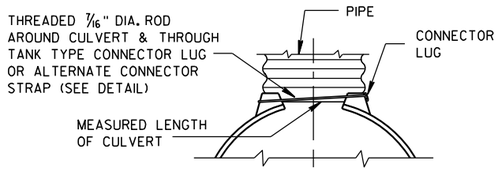
LONGITUDINAL SECTION

CONCRETE ENDWALLS

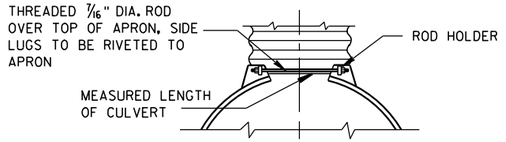


ALTERNATE FOR TYPE 1 CONNECTION

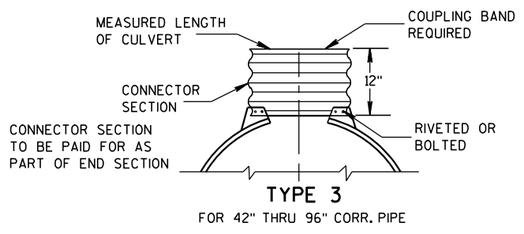
END SECTION CONNECTOR STRAP



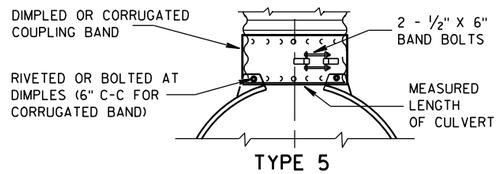
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

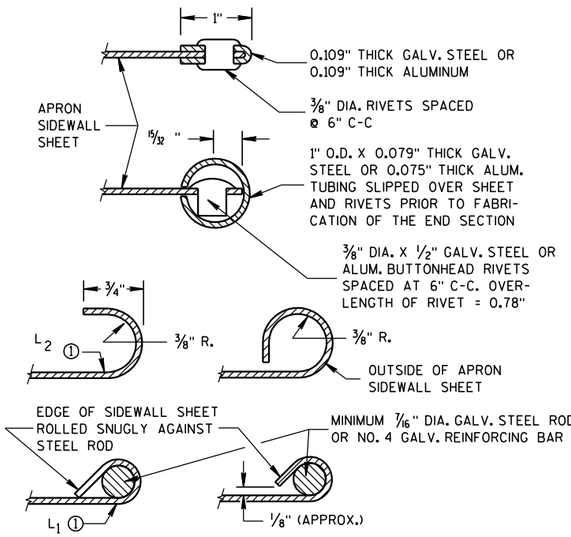
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

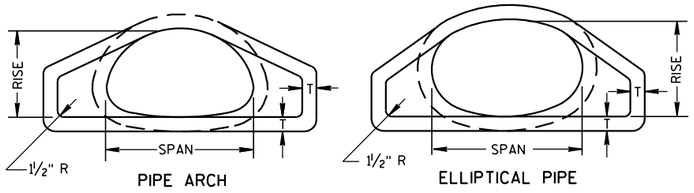
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

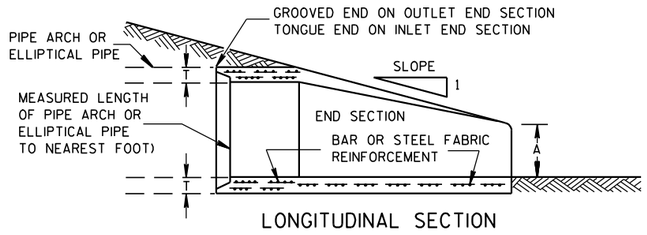
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

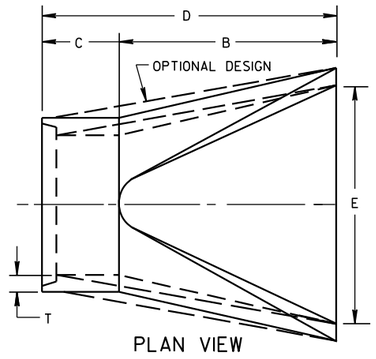
6
S.D.D. 8 F 1-11



END VIEW

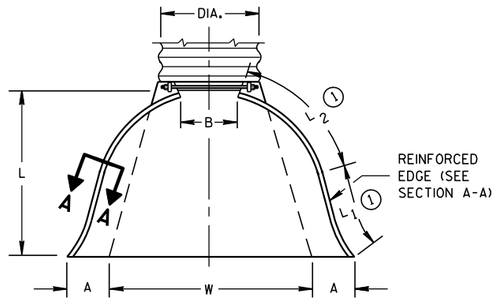


LONGITUDINAL SECTION

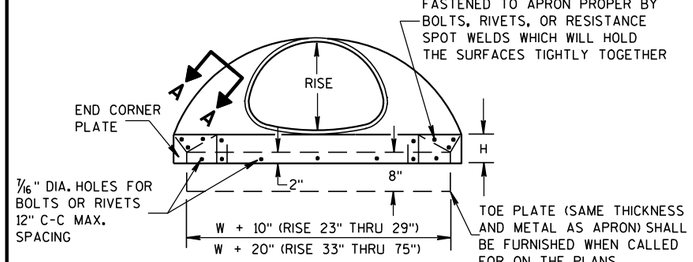


PLAN VIEW

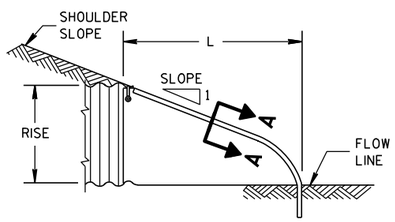
CONCRETE ENDWALLS



PLAN VIEW

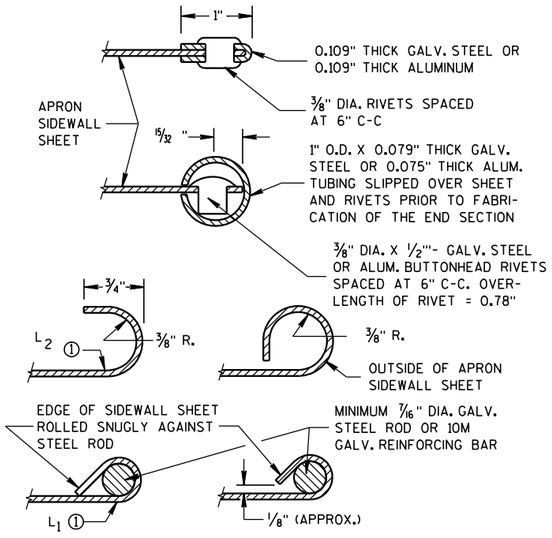


END VIEW



SIDE ELEVATION

METAL ENDWALLS



SECTION A-A

2- 2/3" X 1/2" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
15	17	13	.064	.060	7	9	6	19	14	16	30	2½ to 1	1 Pc.
18	21	15	.064	.060	7	10	6	23	14	19⅜	36	2½ to 1	1 Pc.
21	24	18	.064	.060	8	12	6	28	18	21¾	42	2½ to 1	1 Pc.
24	28	20	.064	.060	9	14	6	32	18	27½	48	2½ to 1	1 Pc.
30	35	24	.079	.075	10	16	6	39	18	37⅝	60	2½ to 1	1 Pc.
36	42	29	.079	.075	12	18	8	46	24	45⅜	75	2½ to 1	1 Pc.
42	49	33	.109	.105	13	21	9	53	24	54¾	85	2½ to 1	2 Pc.
48	57	38	.109	.105	18	26	12	63	24	68	90	2½ to 1	3 Pc.
54	64	43	.109	.105	18	30	12	70	24	72¾	102	2¼ to 1	3 Pc.
60	71	47	.109*	.105*	18	33	12	77	30	82¼	114	2¼ to 1	3 Pc.
66	77	52	.109*	.105*	18	36	12	77	—	—	126	2 to 1	3 Pc.
72	83	57	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.

3" X 1" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
48	53	41	.109	.105	18	26	12	63	24	72¾	90	2½ to 1	2 Pc.
54	60	46	.109	.105	18	30	12	70	30	82¼	102	2 to 1	2 Pc.
60	66	51	.109*	.105*	18	33	12	77	—	—	114	1½ to 1	3 Pc.
66	73	55	.109*	.105*	18	36	12	77	—	—	126	1½ to 1	3 Pc.
72	81	59	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.
78	87	63	.109*	.105*	22	38	12	77	—	—	148	1½ to 1	3 Pc.
84	95	67	.109*	.105*	22	34	12	77	—	—	162	1½ to 1	3 Pc.
90	103	71	.109*	.105*	22	38	12	77	—	—	174	1½ to 1	3 Pc.
96	112	75	.109*	.105*	24	40	12	77	—	—	174	1½ to 1	3 Pc.

NOTE: ALL SPLICES TO BE LAP RIVETED OR BOLTED.

* EXCEPT CENTER PANEL SEE GENERAL NOTES

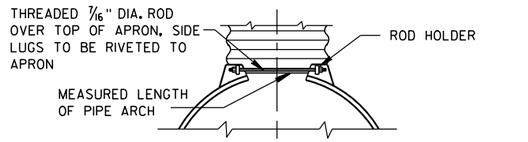
REINFORCED CONCRETE PIPE ARCH

EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	29	18	3	8½	39	33	72	48	3 to 1
30	36	22	3½	9½	50	46	96	60	3 to 1
36	44	27	4	11⅛	60	36	96	72	3 to 1
42	51	31	4½	15 13/16	60	36	96	78	3 to 1
48	58	36	5	21	60	36	96	84	3 to 1
54	65	40	5½	25½	60	36	96	90	3 to 1
60	73	45	6	31	60	36	96	96	3 to 1
72	88	54	7	31	60	39	99	120	2 to 1
84	102	62	8	28½	83	19	102	144	2 to 1

REINFORCED CONCRETE ELLIPTICAL PIPE

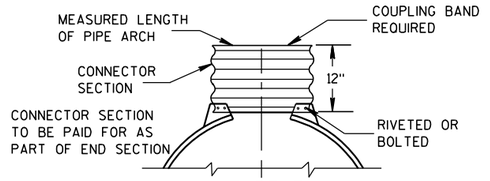
EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	30	19	3¼	8½	39	33	72	48	3 to 1
30	38	24	3¾	9½	54	18	72	60	3 to 1
36	45	29	4½	11⅛	60	24	84	72	2½ to 1
42	53	34	5	15¾	60	36	96	78	2½ to 1
48	60	38	5½	21	60	36	96	84	2½ to 1
54	68	43	6	25½	60	36	96	90	2½ to 1
60	76	48	6½	30	60	36	96	96	2½ to 1

**NOMINAL SIZE



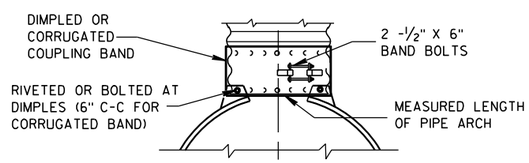
TYPE 2

FOR 17" X 13" THRU 112" X 75" PIPE ARCH



TYPE 3

FOR 64" X 43" THRU 112" X 75" PIPE ARCH



TYPE 5

ALTERNATE FOR:

ALL SIZES CORRUGATED PIPE ARCHES

NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL.

CONNECTION DETAILS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE APRON ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM APRON ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE ARCH PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 77" X 52" THROUGH 112" X 75" APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE ARCH SIZES UP TO 73" X 55" A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/94 — DATE

/S/ Rory L. Rhinesmith — CHIEF ROADWAY DEVELOPMENT ENGINEER

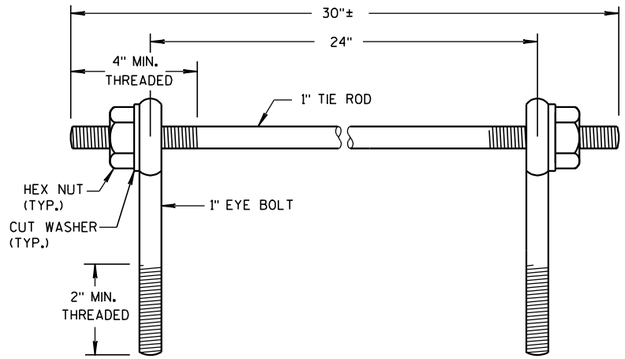
FHWA

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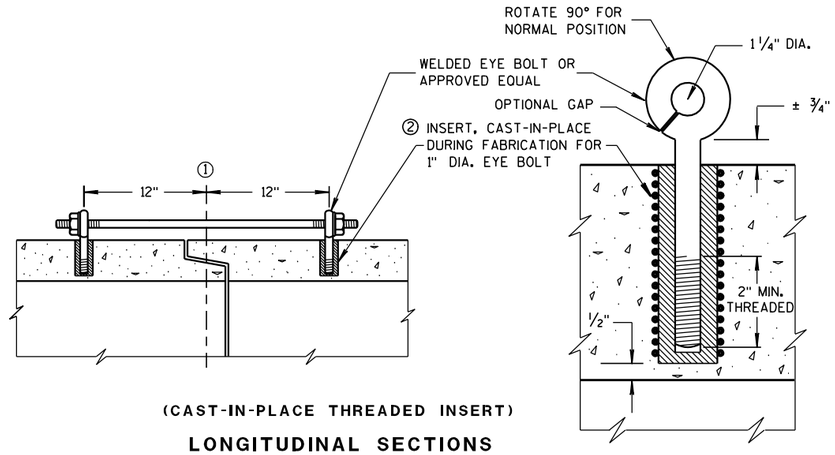
S.D.D. 8 F 2-1

6

S.D.D. 8 F 2-1



EYE BOLTS AND TIE ROD



(CAST-IN-PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

① ℄ OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

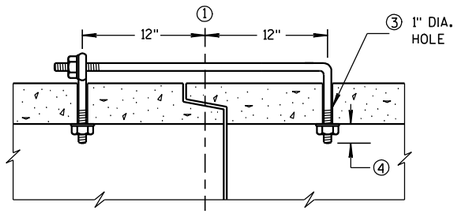
② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ℄ OF TONGUE AND GROOVE.

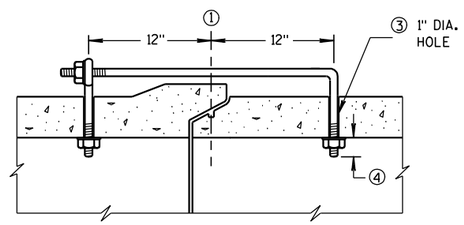
④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

⑤ OPENING TO BE ROD DIAMETER PLUS 1 INCH.

⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2 INCH OF THE INNER SURFACE OF THE PIPE.



(TONGUE & GROOVE PIPE)

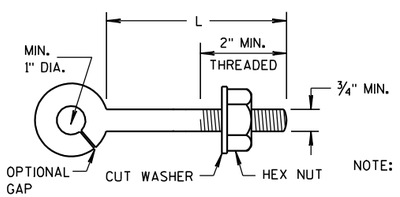


(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

EYE BOLT DIMENSION TABLE

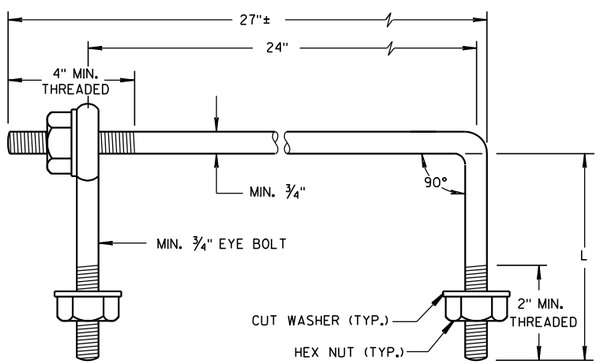
PIPE SIZE	L = LENGTH	
	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
18" TO 24"	4 1/2"	6 1/4"
30"	5"	7"
36"	5 1/2"	7"
42"	6"	
48"	6 1/2"	
60"	7 1/2"	
66"	8"	



NOTE:

EYE BOLT

NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD

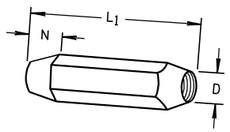
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

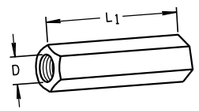
ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12-60	5/8	5/8	5	1/2
66-84	3/4	3/4	5	1/2
90-108	1	1	7	1 1/16

DIMENSIONS SHOWN ARE IN INCHES



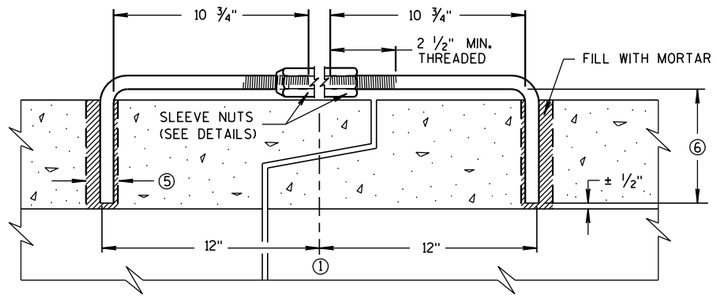
TAPERED



PLAIN

RIGHT AND LEFT THREADS

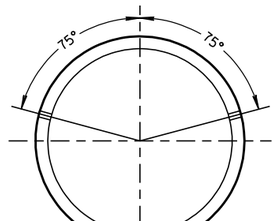
SLEEVE NUTS



LONGITUDINAL SECTION

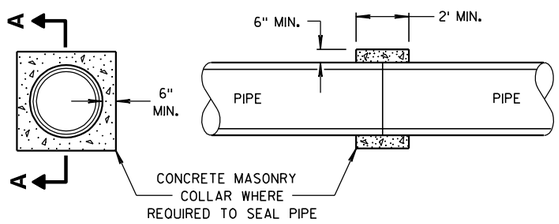
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A-A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

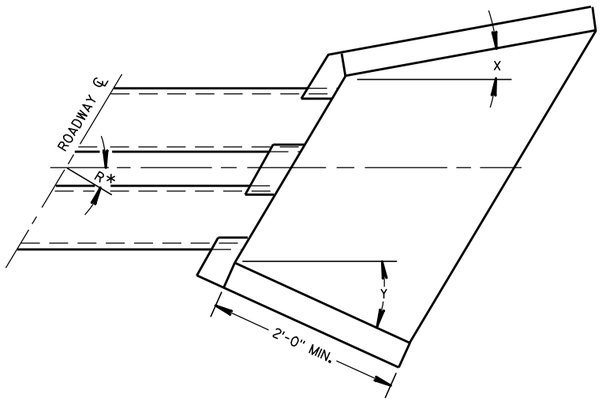
APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

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S.D.D. 8 F 4-7

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S.D.D. 8 F 4-7



WINGWALL ANGLE DETAILS

INLET			OUTLET		
R*	X	Y	R*	X	Y
0 - 7°	30°	30°	0 - 15°	15°	15°
8 - 22°	25°	"	16 - 45°	10°	"
23 - 37°	20°	"	46 - 75°	5°	"
38 - 52°	15°	"	OVER 75°	0°	"
53 - 67°	10°	"			
68 - 82°	5°	"			
OVER 82°	0°	"			

*R = NUMBER OF DEGREES RIGHT OR LEFT HAND FORWARD

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

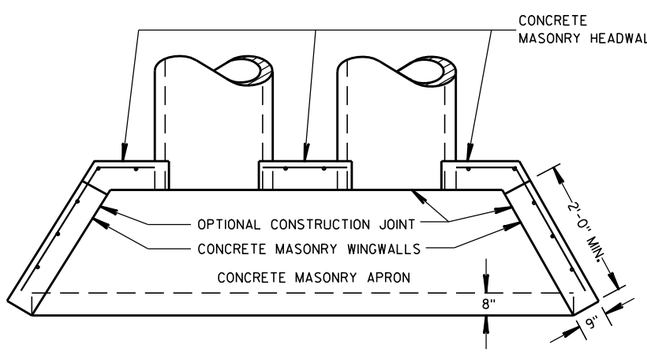
FILL SLOPES FLATTER THAN 2 ½:1 SHALL BE WARPED TO MEET THE TOP OF THE WINGWALLS.

ALL STEEL REINFORCEMENT AND WELDED STEEL WIRE FABRIC SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE NOTED.

(1) MINIMUM REINFORCEMENT SHALL BE 6" X 6" - W4.0 X W4.0 OR NO. 3 BARS SPACED 12" C-C IN BOTH DIRECTIONS.

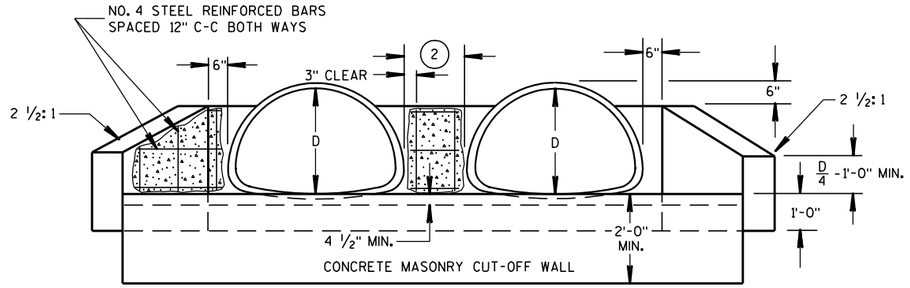
(2) THE SPACE BETWEEN PIPES SHALL BE AS FOLLOWS:

DIAMETER OR SPAN	SPACE
UP TO AND INCLUDING 48"	2'-0"
OVER 48" TO 72"	½ DIA. OR SPAN
OVER 72"	3'-0"



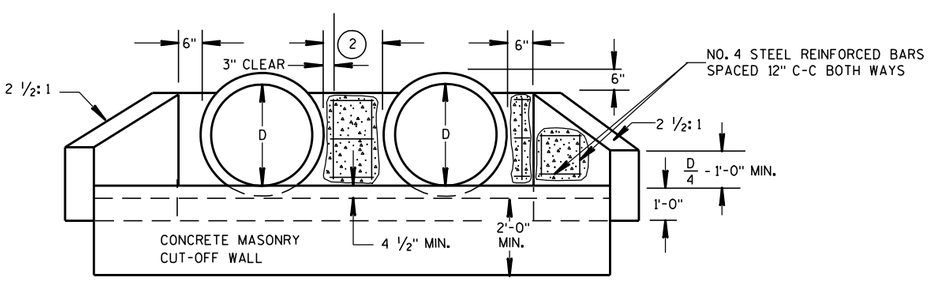
PLAN VIEW

CULVERT PIPE AND PIPE ARCH



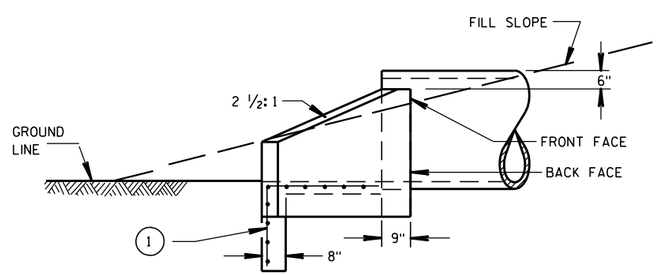
END ELEVATION

PIPE ARCH



END ELEVATION

CULVERT PIPE



SIDE ELEVATION

CULVERT PIPE AND PIPE ARCH

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

9/14/98 — DATE

/S/ Rory L. Rhinehart — CHIEF ROADWAY DEVELOPMENT ENGINEER

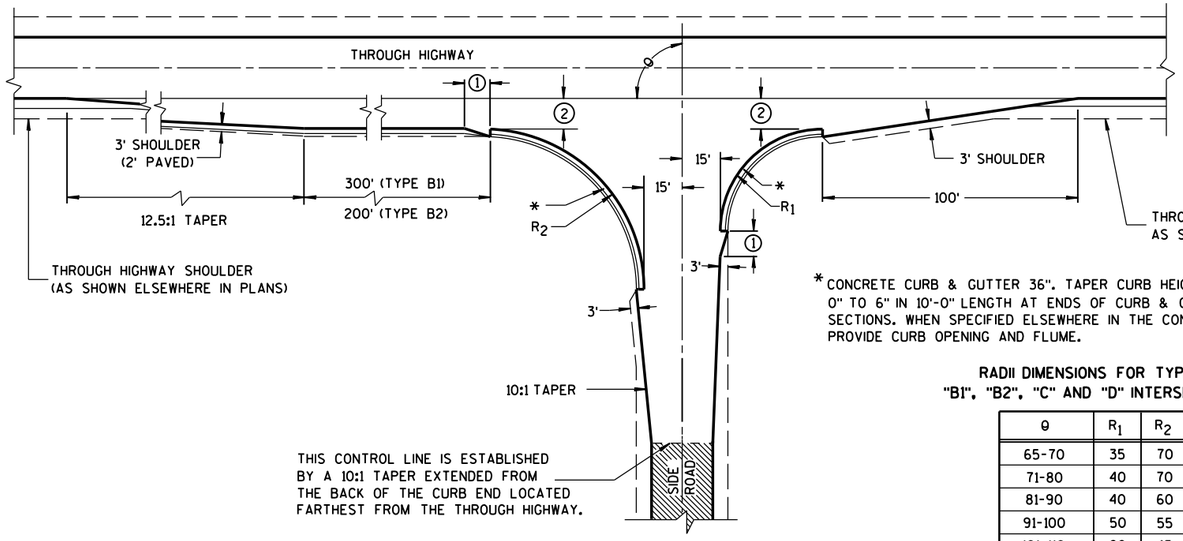
FHWA

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S.D.D. 8 F 10-1

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S.D.D. 8 F 10-1

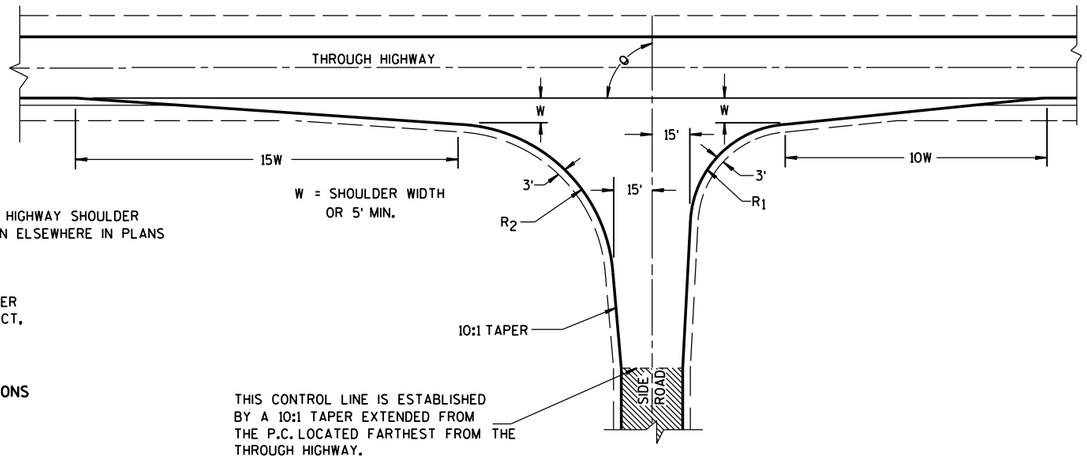


TYPE "B1" AND "B2"

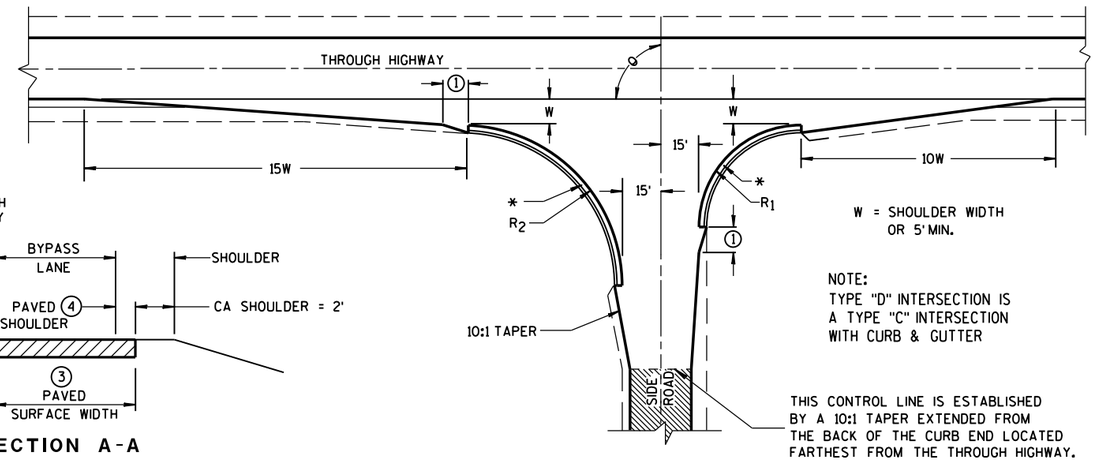
*CONCRETE CURB & GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10'-0" LENGTH AT ENDS OF CURB & GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME.

RADII DIMENSIONS FOR TYPES "B1", "B2", "C" AND "D" INTERSECTIONS

θ	R_1	R_2
65-70	35	70
71-80	40	70
81-90	40	60
91-100	50	55
101-110	60	45



TYPE "C"



TYPE "D"

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN UNLESS OTHERWISE PROVIDED IN THE CONTRACT. WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

EXISTING PAVED SURFACE

BYPASS LANE

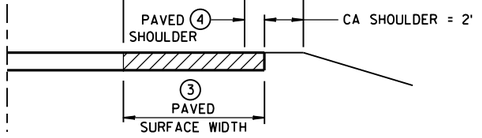
(1) 10-FT TYPICAL.

(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

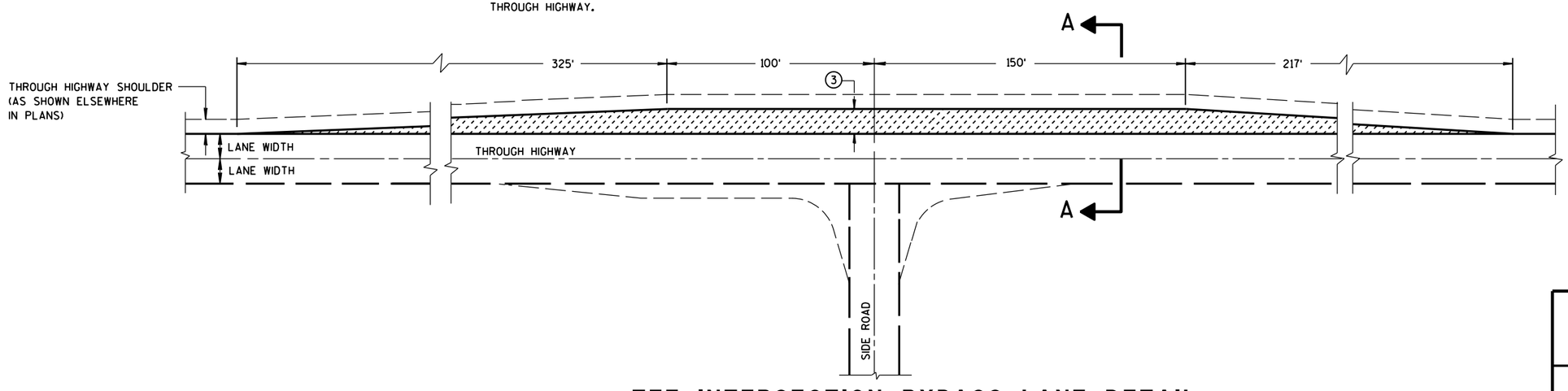
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(3) BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
-ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH.
-PC CPNCRETE = 13-FT PLUS PAVED SHOULDER WIDTH.

(4) BYPASS LANE PAVED SHOULDER WIDTH = THE GREATER OF 1-FT OR THE PAVED SHOULDER WIDTH OF THE THROUGH HIGHWAY.



SECTION A-A
(SHOWING BYPASS LANE AND SHOULDER)



TEE INTERSECTION BYPASS LANE DETAIL

AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND "D" AND TEE INTERSECTION BYPASS LANE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

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S.D.D. 9 A 1-13a

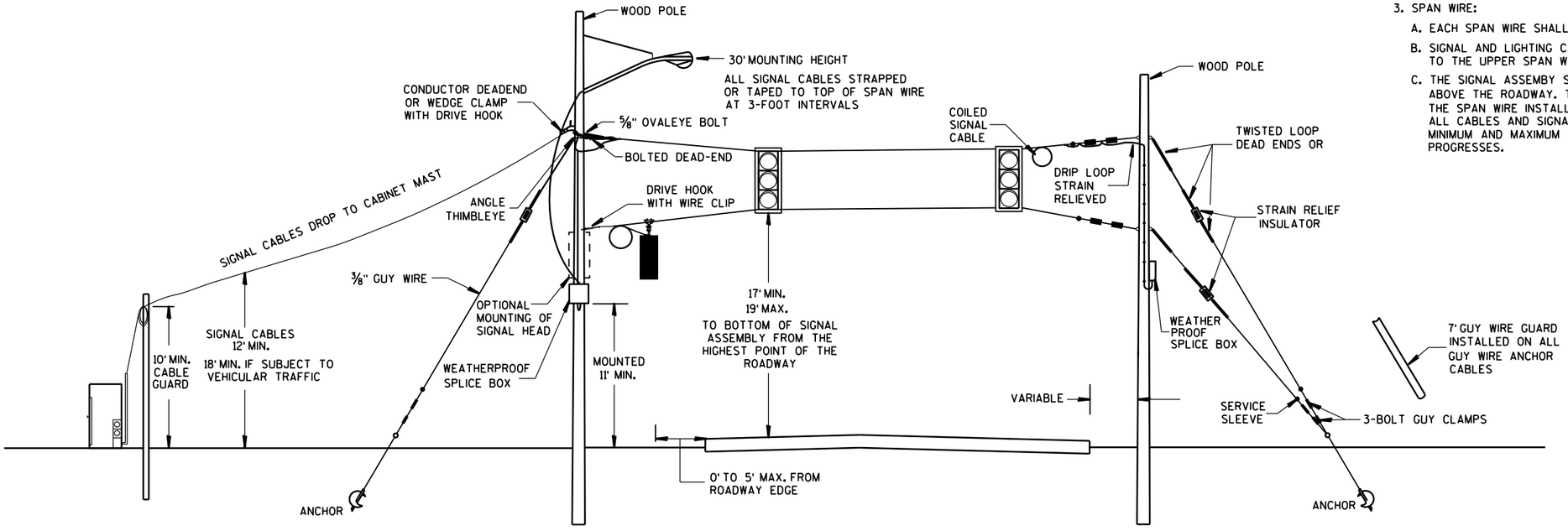
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.

2. SIGNAL FACES:
   A. ALL SECTIONS SHALL BE 12" AND POLYCARBONATE.
   B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.

3. SPAN WIRE:
   A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED.
   B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   C. THE SIGNAL ASSEMBY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.



SPAN WIRE
TEMPORARY SIGNALS

MINIMUM POLE LENGTHS	POLE BURIEL DEPTHS
25'	5'
30'	6'
35'	7'
40'	8'
45'	9'

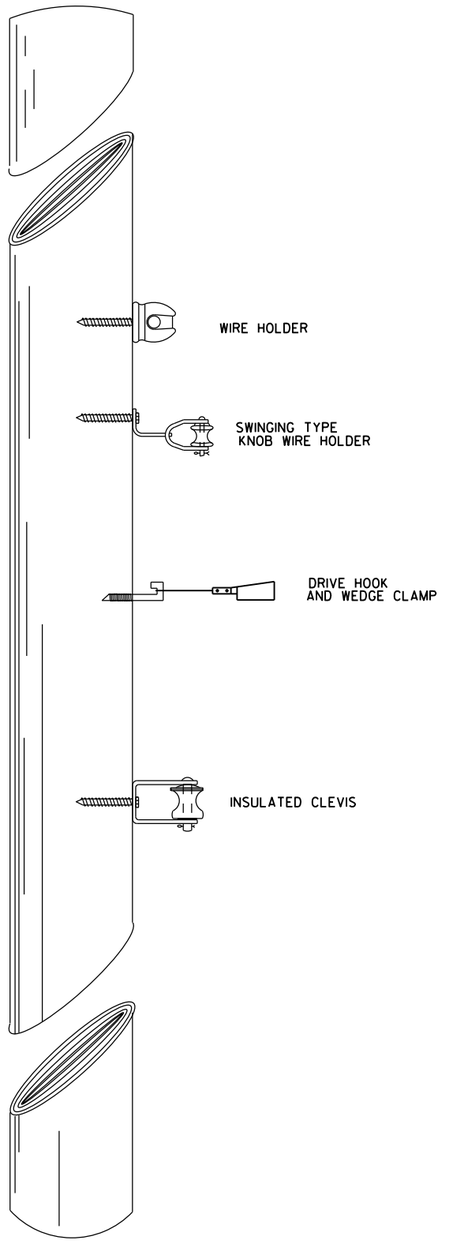
SPAN WIRE
TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

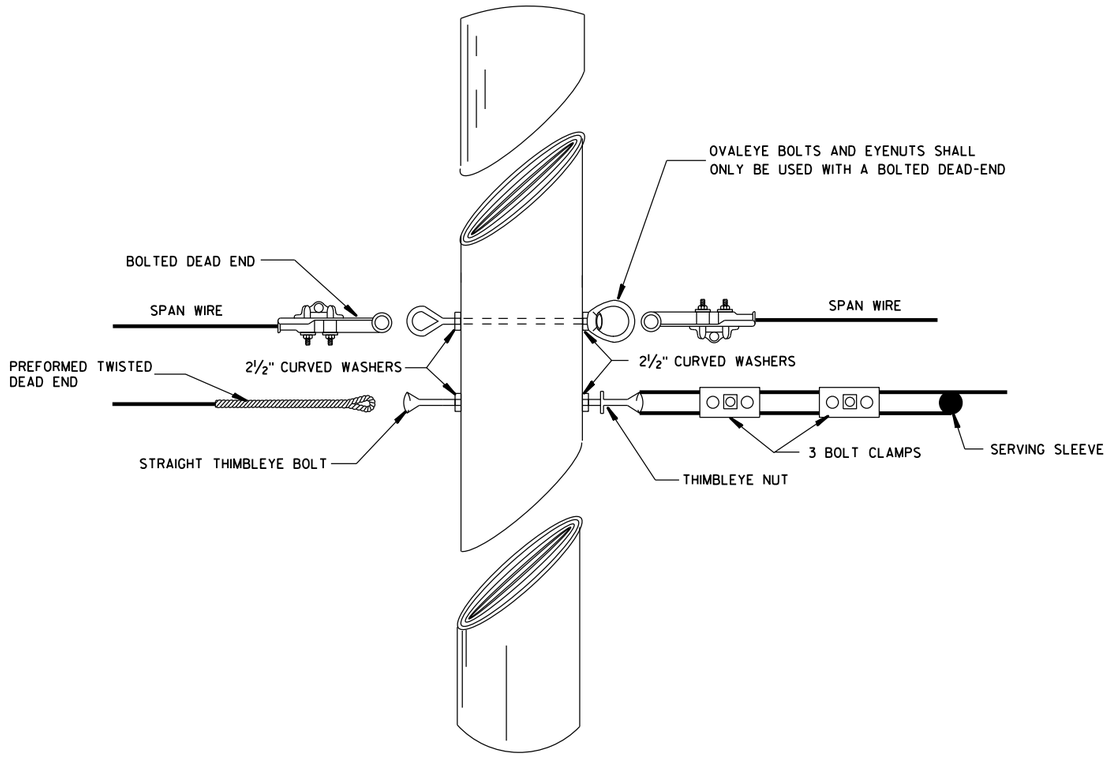
APPROVED
June, 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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S.D.D. 9 G 1-4a



TYPICAL CABLE HANGERS



TYPICAL DEAD-ENDING

SPAN WIRE
TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
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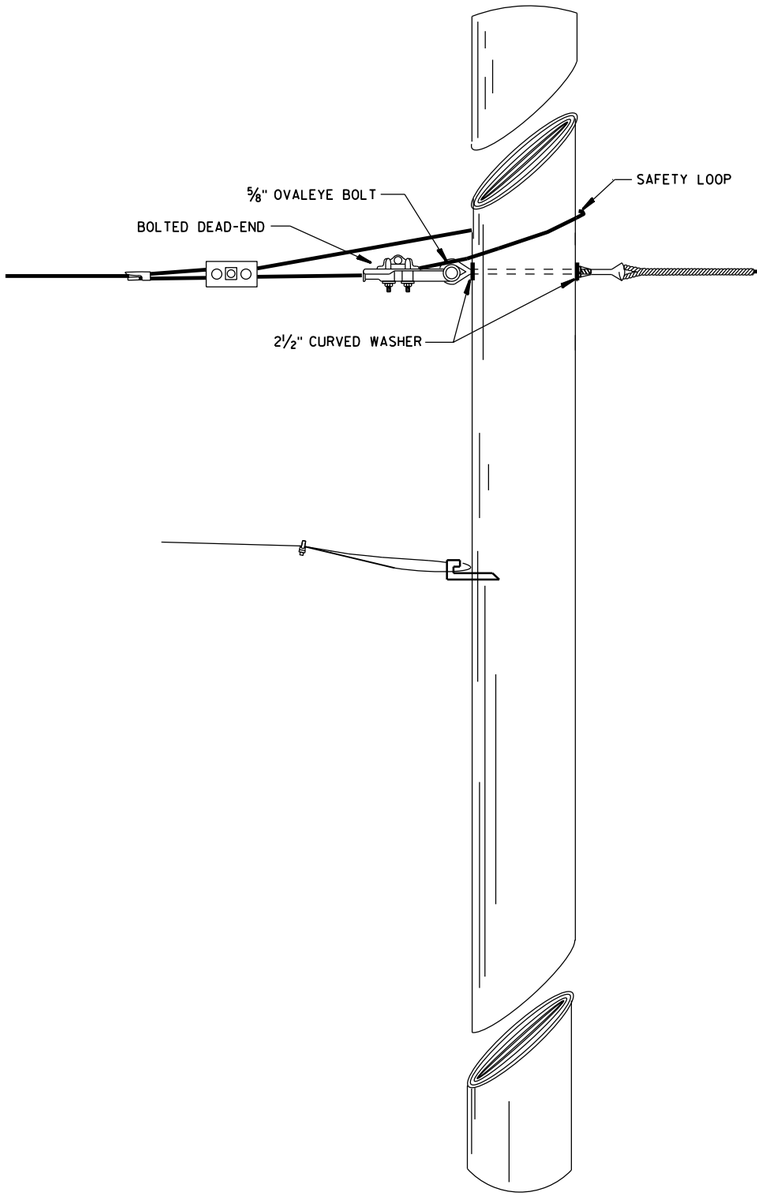
S.D.D. 9 G 1-4d

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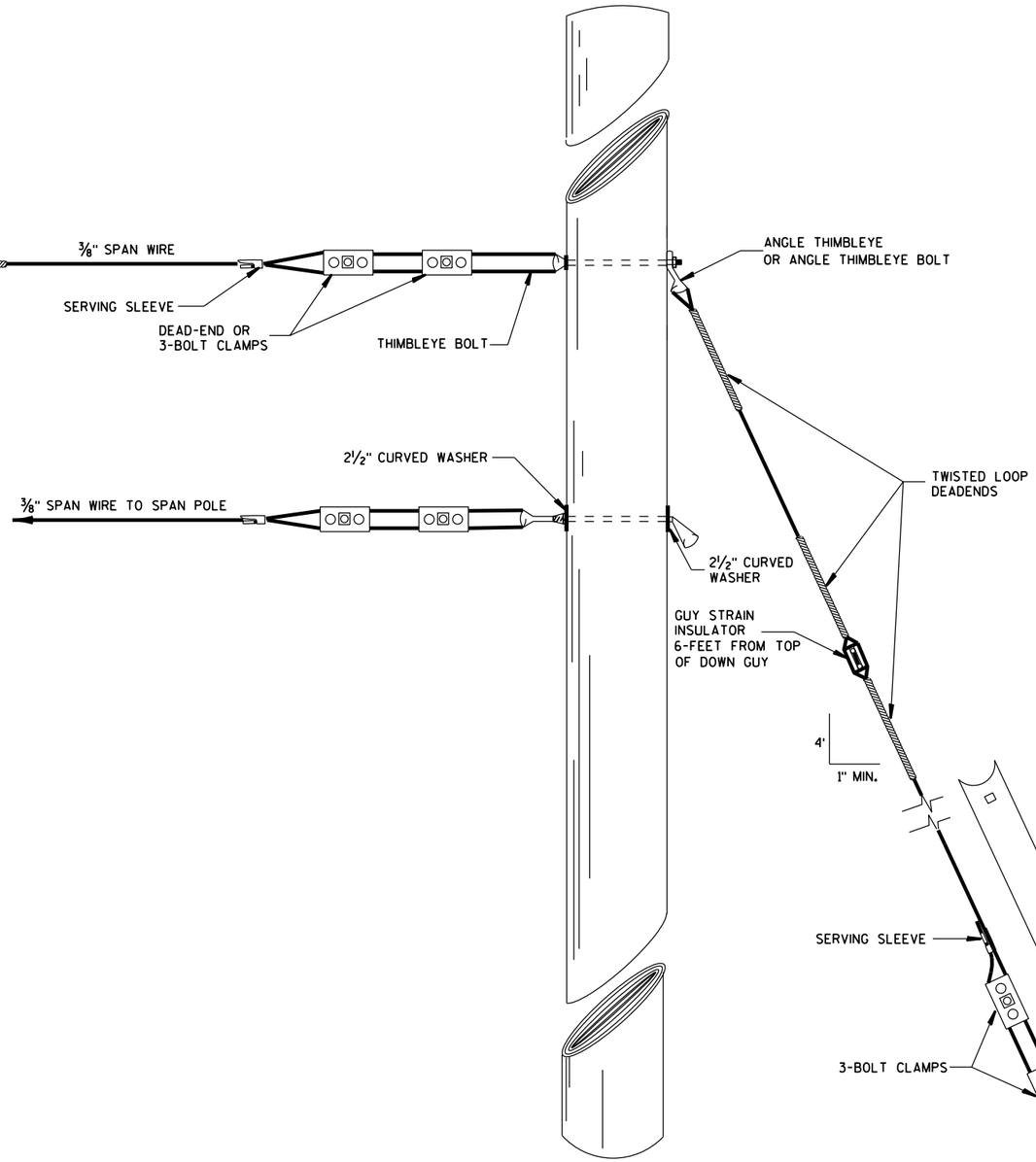
S.D.D. 9 G 1-4d

GENERAL NOTES

1. USE ¾" DRILL IN WOOD POLE TO PROVIDE HOLE FOR ⅝" BOLTS.
2. SAFTY LOOP REQUIRED ON EACH END OF ALL SPAN WIRES.



SPAN WIRE POLE



GUY POLE

TYPICAL DEAD-ENDINGS OR GUYING

SPAN WIRE
TEMPORARY TRAFFIC SIGNAL

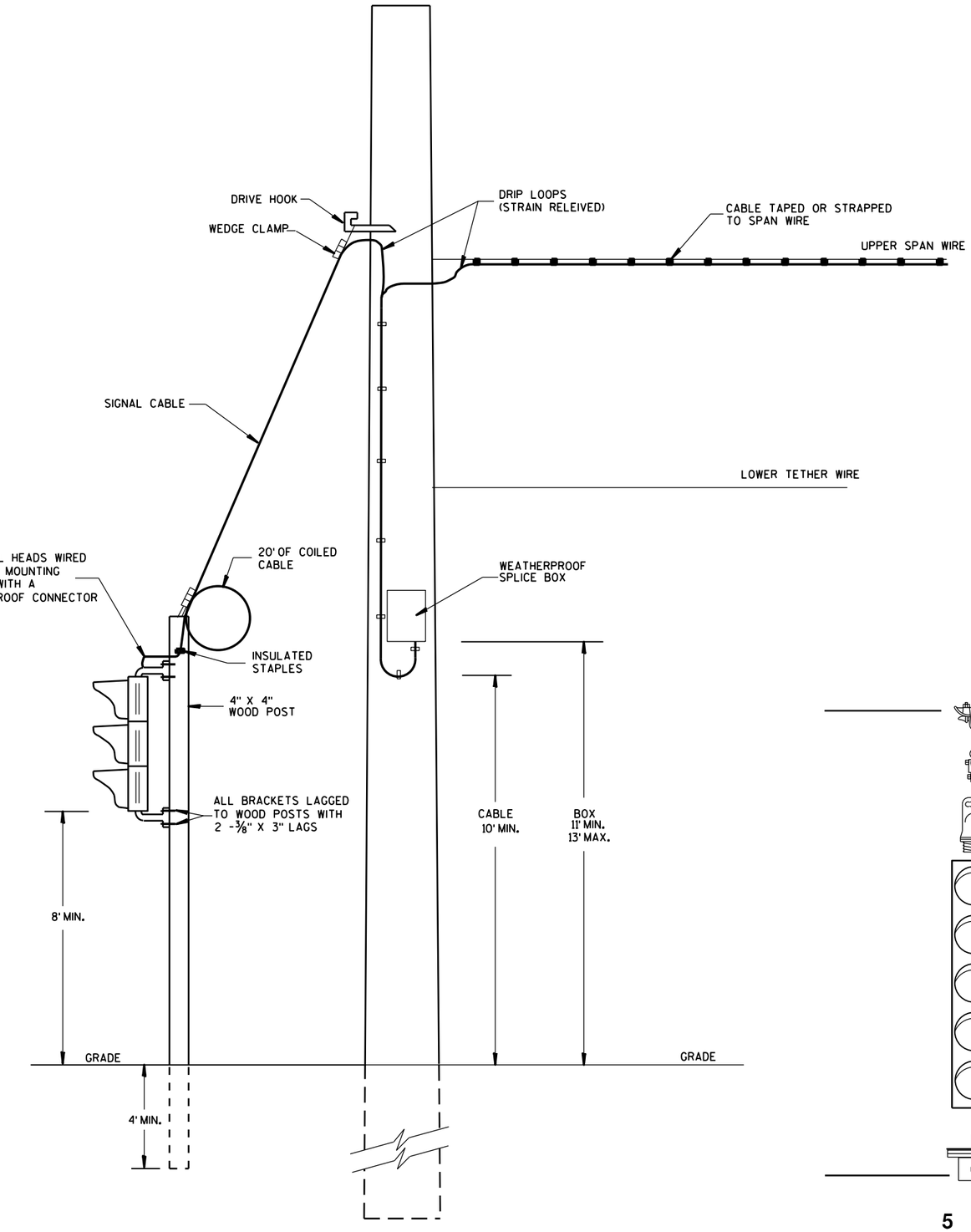
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June. 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

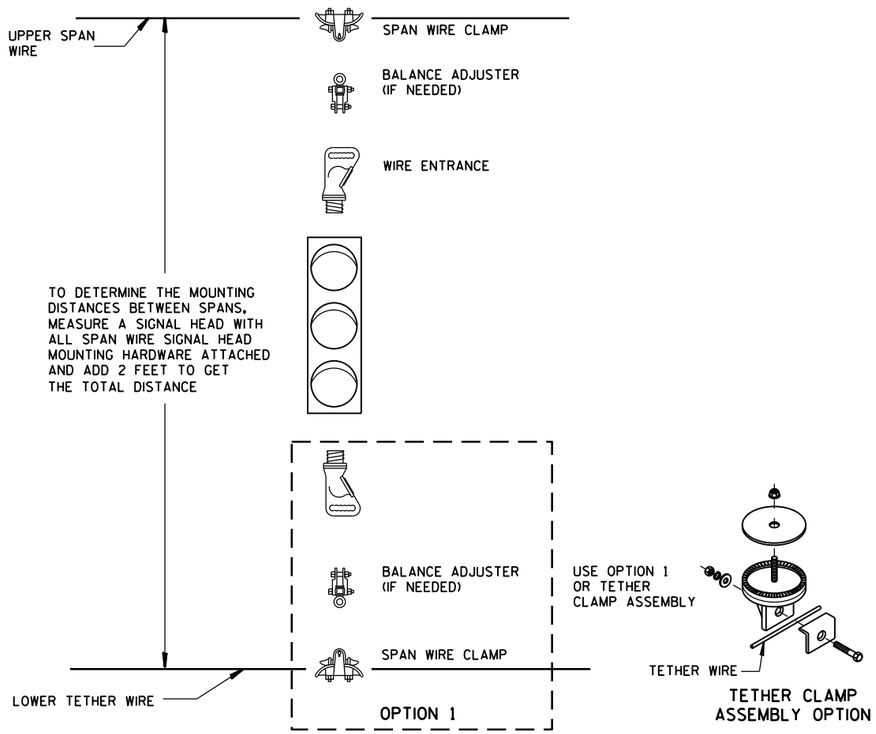
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S.D.D. 9 G 1-4e

S.D.D. 9 G 1-4e

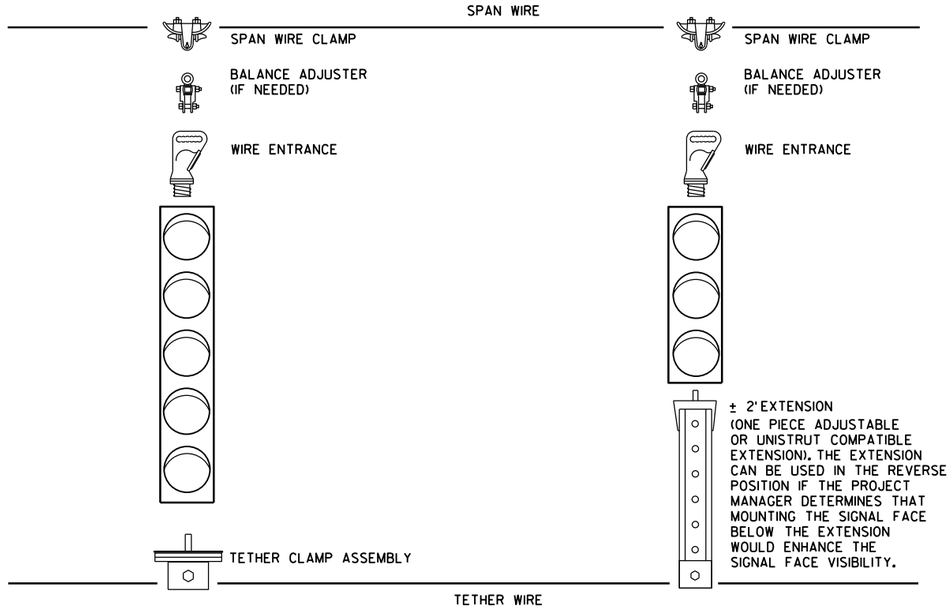


TYPICAL DROP TO TEMPORARY MOVEABLE SIGNAL



TETHER CLAMP ASSEMBLY OPTION

TYPICAL SPAN WIRE MOUNTING HARDWARE



5 SECTION VERTICAL WITH 3 SECTION VERTICAL ON ONE SPAN WIRE

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June. 2015 — DATE

/S/ Ahmet Demirbilek — STATE ELECTRICAL

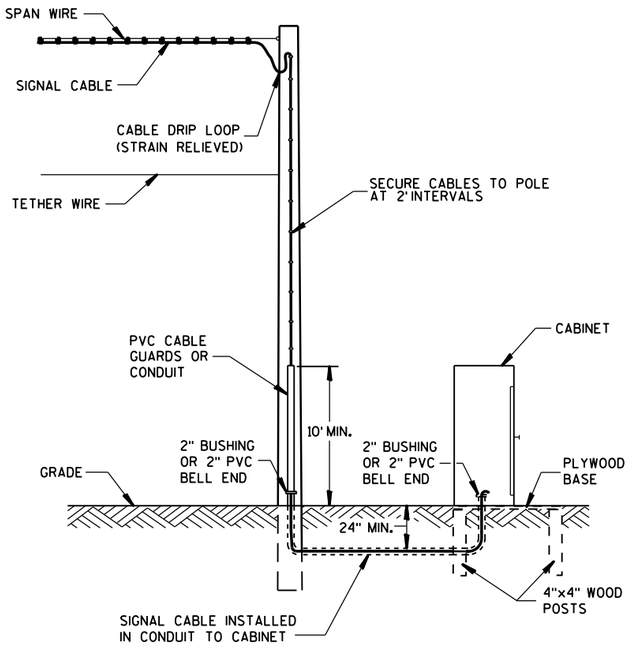
FHWA

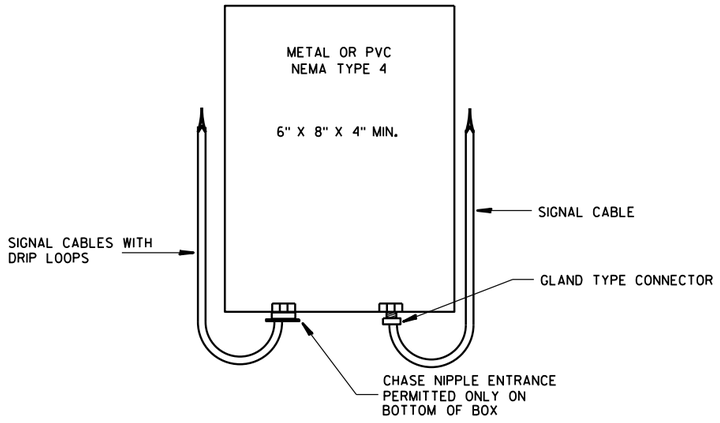
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S.D.D. 9 G 1-4f

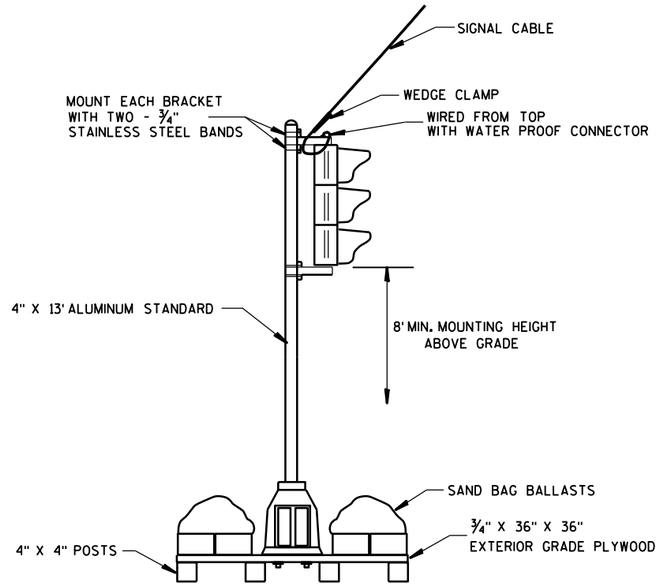
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S.D.D. 9 G 1-4f

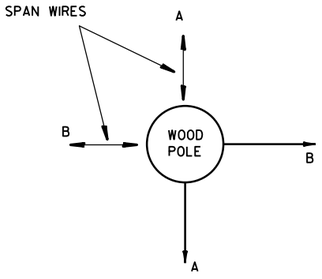




SPLICE BOX

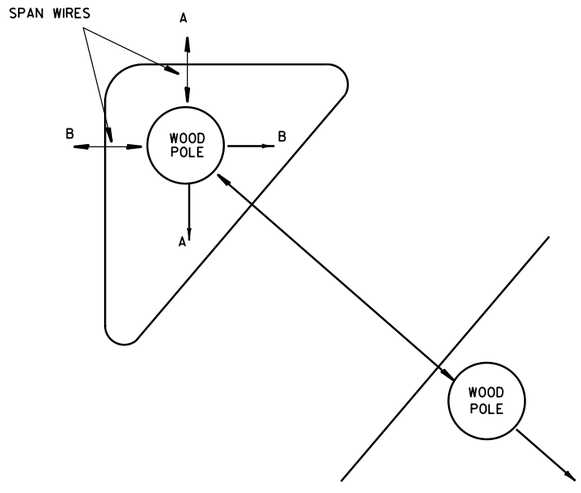


TYPICAL SKID TYPE TEMPORARY

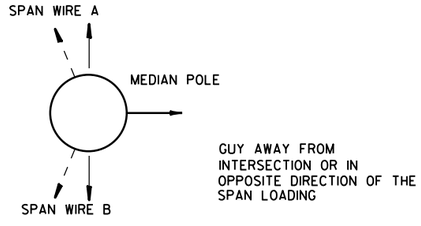


ALL DOWN OR SIDEWALK GUYS
SHALL BE INSTALLED IN THE
OPPOSITE DIRECTION OF THE
STRAIN OF THE SPAN WIRE

CORNER POLES



ISLAND POLES



GUY AWAY FROM
INTERSECTION OR IN
OPPOSITE DIRECTION OF THE
SPAN LOADING

MEDIAN POLES

SPAN WIRE
TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

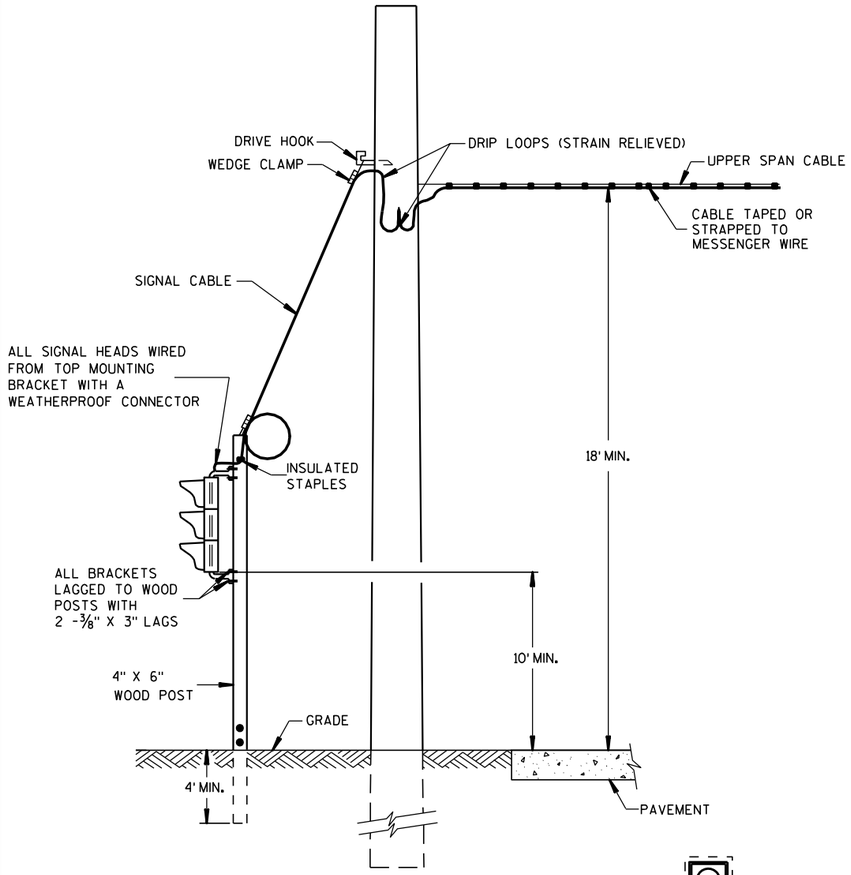
APPROVED
June, 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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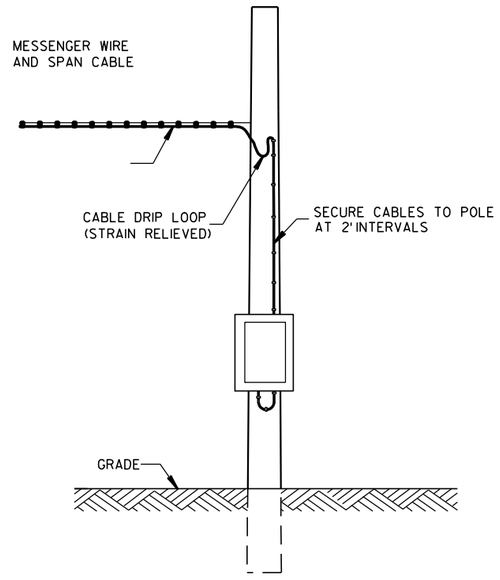
S.D.D. 9 G 1-4g

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S.D.D. 9 G 1-4g



TYPICAL DROP TO TRAFFIC SIGNAL FACE



POLE MOUNT CABINET INSTALLATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

POLE MOUNTED TRAFFIC SIGNAL CONTROL CABINET MAYBE MOUNTED ON THE SERVICE POLE IF THE ELECTRICAL UTILITY ALLOWS THE INSTALLATION.

WHEN UTILITY PLOLES ARE USED TO SPAN THE TEMPORARY OVERHEAD CABLE, WRITTEN PERMISSION MUST BE OBTAINED FROM THE OWNER OF THE POLES AND GIVEN TO THE PROJECT MANAGER. ALL PERTINENT UTILITY AND CODE CLEARANCES SHALL BE MAINTAINED.

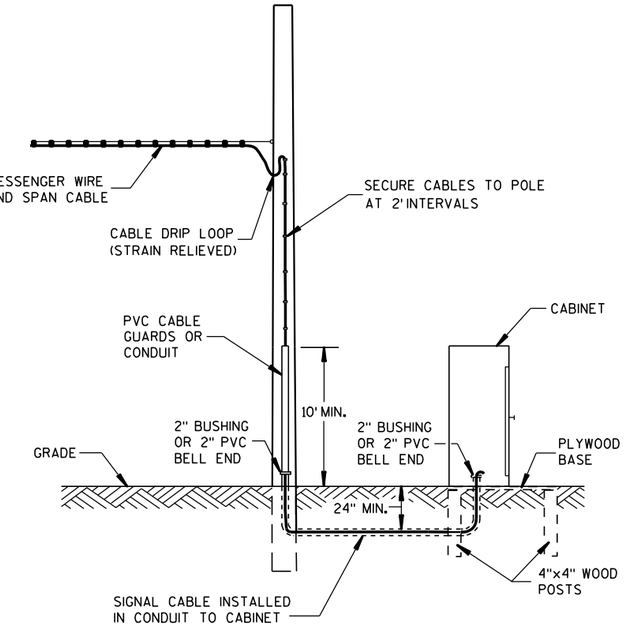
WOOD POLES (NONBREAKAWAY) SHALL BE NO CLOSER TO EDGE OF PAVEMENT THAN OFFSET DISTANCE CHART ALLOWS OR 4 FEET BEHIND PROTECTIVE BARRIER (BEAMGUARD, ETC.).

WOOD POSTS (BREAKAWAY) SHALL BE NO CLOSER THAN 2 FEET OUTSIDE OF SHOULDER.

VERTICAL CLEARANCE ETC. PER NEC.

TRAFFIC SIGNAL FACES SHALL BE TYPICALLY PLACED 12 FEET FROM EDGE OF PAVEMENT.

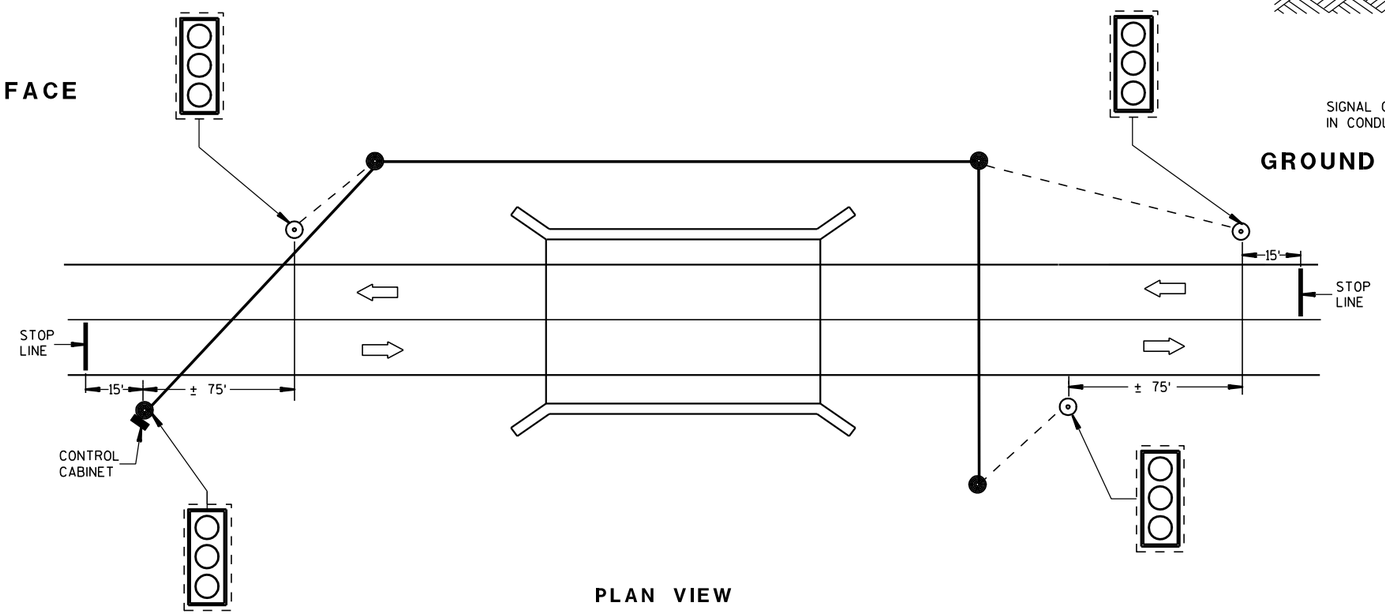
EACH TRAFFIC SIGNAL FACE SHALL HAVE A BACKPLATE.



GROUND MOUNT CABINET INSTALLATION

OFFSET DISTANCES FOR TEMPORARY NON-BREAKAWAY POLES	
SPEED LIMIT	OFFSET DISTANCE**
GREATER THAN 45 MPH	18 FT
45 MPH OR LESS	12 FT
45 MPH OR LESS W/ CURBS	2 FT

**NOTE: OFFSET MEASURED FROM OUTER EDGE OF OUTSIDE THRU LANE.



PLAN VIEW

TYPICAL BRIDGE TEMPORARY TRAFFIC SIGNAL LOCATION

LEGEND

- WOOD POLE (NONBREAKAWAY)
- WOOD POST (BREAKAWAY)
- SIGNAL CABLE
- SIGNAL CABLE W/MESSENGER
- LED TRAFFIC SIGNAL FACE WITH BACKPLATE (3-12")
- DIRECTION OF TRAFFIC

MINIMUM POLE LENGHTS	CLASS	MINIMUM BURIAL DEPTHS
25 FEET	V	5 FEET
30 FEET	V	6 FEET
35 FEET	IV	7 FEET
40 FEET	IV	8 FEET
45 FEET	IV	9 FEET

BRIDGE TEMPORARY TRAFFIC SIGNAL INSTALLATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

3/2/2011 DATE

/S/ Thomas J. Gosling STATE ELECTRICAL ENGI

294 HWYS

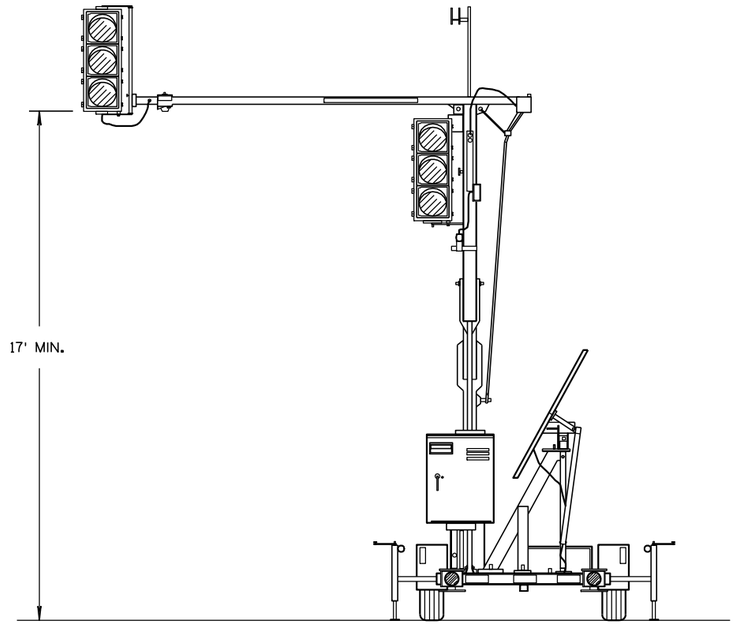
FHWA

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S.D.D. 9 G 2-3a

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S.D.D. 9 G 2-3a

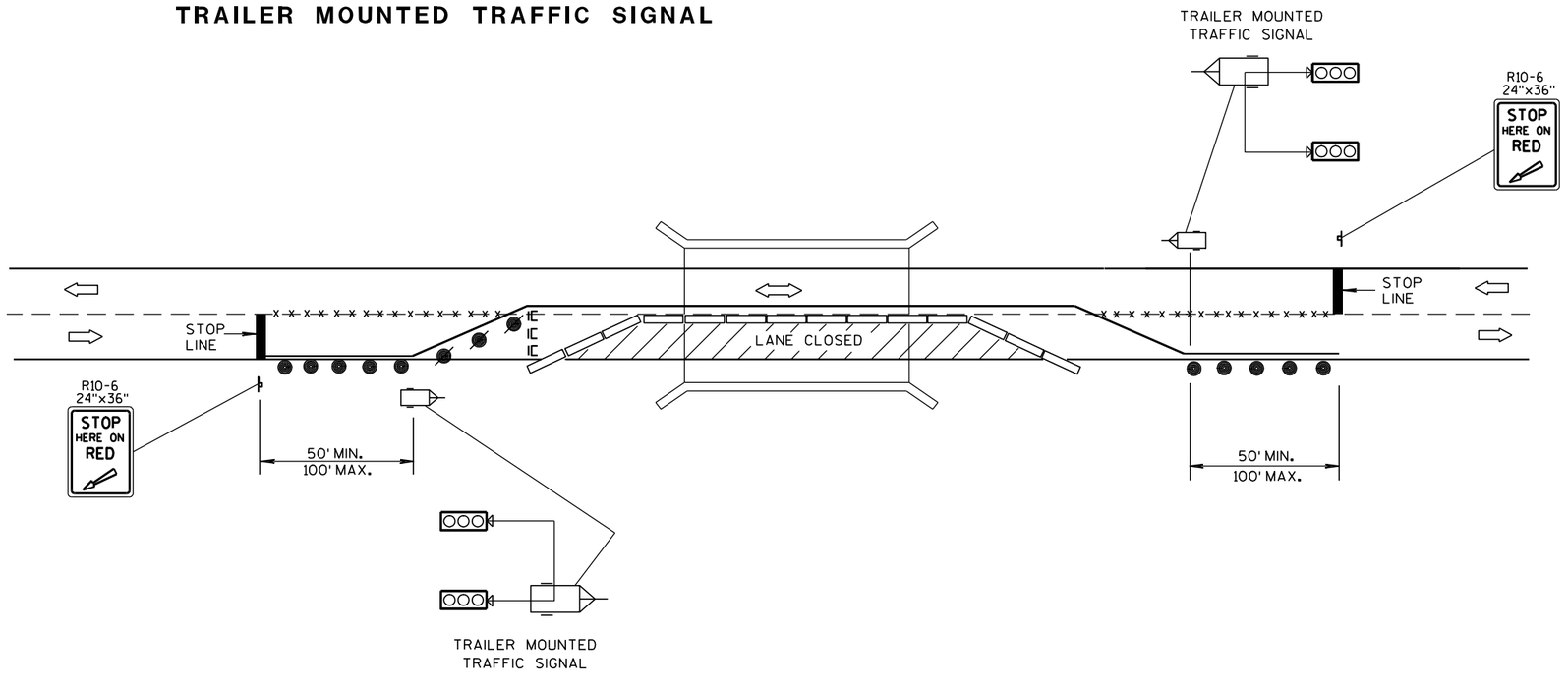


TRAILER MOUNTED TRAFFIC SIGNAL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SIGNING, PAVEMENT MARKING AND LANE CONTROL REQUIREMENTS SHALL CONFORM TO STANDARD DETAIL DRAWING 15 D 33.



TYPICAL TRAILER MOUNTED TRAFFIC SIGNAL LOCATION

LEGEND

- POST MOUNTED SIGN
- REMOVING PAVEMENT MARKING
- TYPE III BARRICADE WITH SIGN
- DRUM WITH/WITHOUT WARNING LIGHT, TYPE C (STEADY-BURN)
- TEMPORARY PRECAST CONCRETE BARRIER
- TRAILER MOUNTED TRAFFIC SIGNAL
- DIRECTION OF TRAFFIC FLOW

BRIDGE TEMPORARY TRAFFIC SIGNAL INSTALLATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

3/2/2011 — DATE

/S/ Thomas J. Gosling — STATE ELECTRICAL ENGI 295 — HWYS

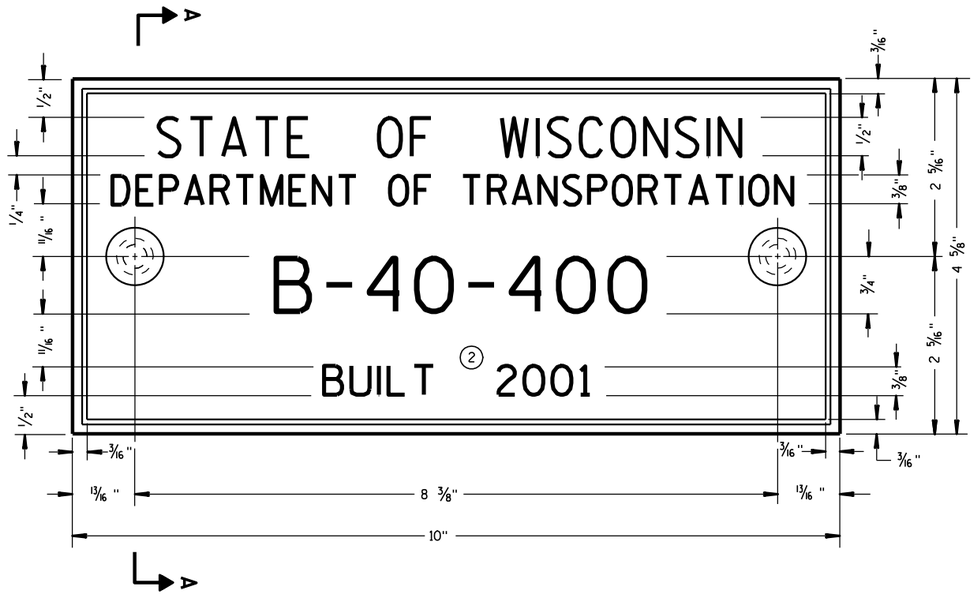
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S.D.D. 9 G 2-3c

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S.D.D. 9 G 2-3c



TYPICAL NAME PLATE
(BRIDGES, CULVERTS, AND RETAINING WALLS)

FOR MULTI-UNIT STRUCTURES
LINE 3 ABOVE SHALL READ

B = BRIDGE
C = CULVERT
R = RETAINING WALL

COUNTY NO.

BRIDGE NO.

UNIT NO. FOR MULTIPLE UNIT BRIDGE

B-40-400-1A

NUMBERING DESIGNATION
MULTI-UNIT STRUCTURES

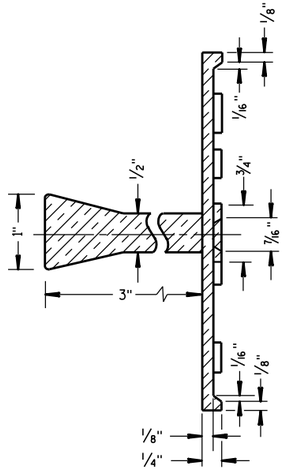
GENERAL NOTES

NAME PLATES TO BE INSTALLED ON BRIDGES, CULVERTS, AND RETAINING WALLS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS.

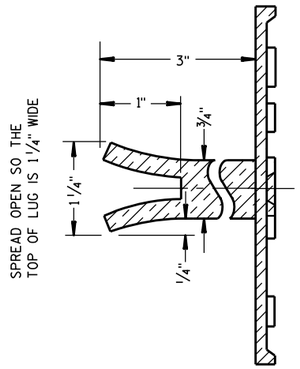
THE BRIDGE NUMBER AND YEAR BUILT SHOWN ON THIS DRAWING ARE EXAMPLES ONLY. SEE CONSTRUCTION PLANS FOR INDIVIDUAL NUMBERING AND YEAR BUILT.

(1) EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

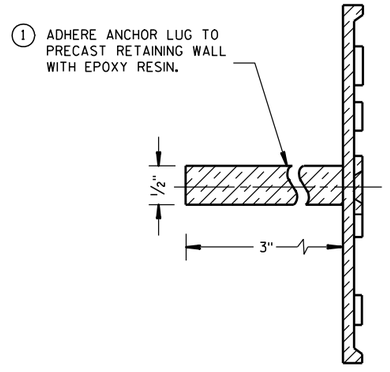
(2) REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE CONSTRUCTION.



SECTION A-A



ALTERNATE LUG



ALTERNATE LUG
(FOR ATTACHMENT TO PRECAST STRUCTURES)

NAME PLATE (STRUCTURES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

3/26/10 DATE

/S/ Scot Beck-- CHIEF STRUCTURAL DEVELOP 296 ENGINEER

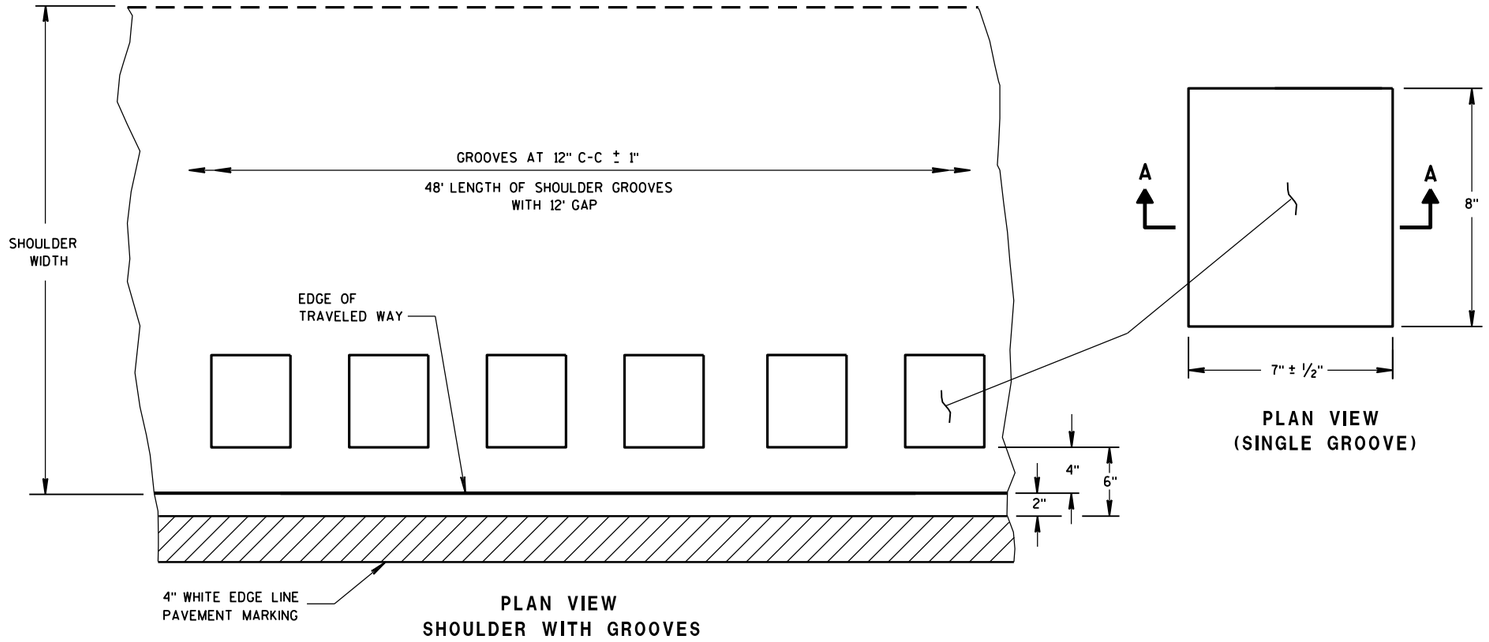
FHWA

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S.D.D. 12 A 3-10

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S.D.D. 12 A 3-10



PLAN VIEW
SHOULDER WITH GROOVES

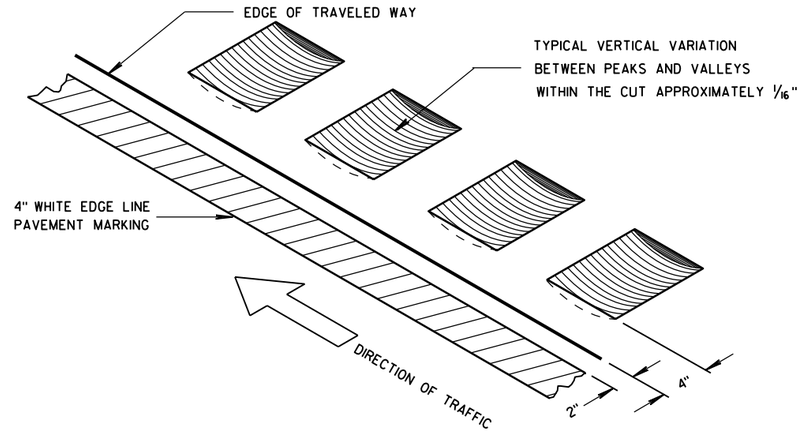
PLAN VIEW
(SINGLE GROOVE)

GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

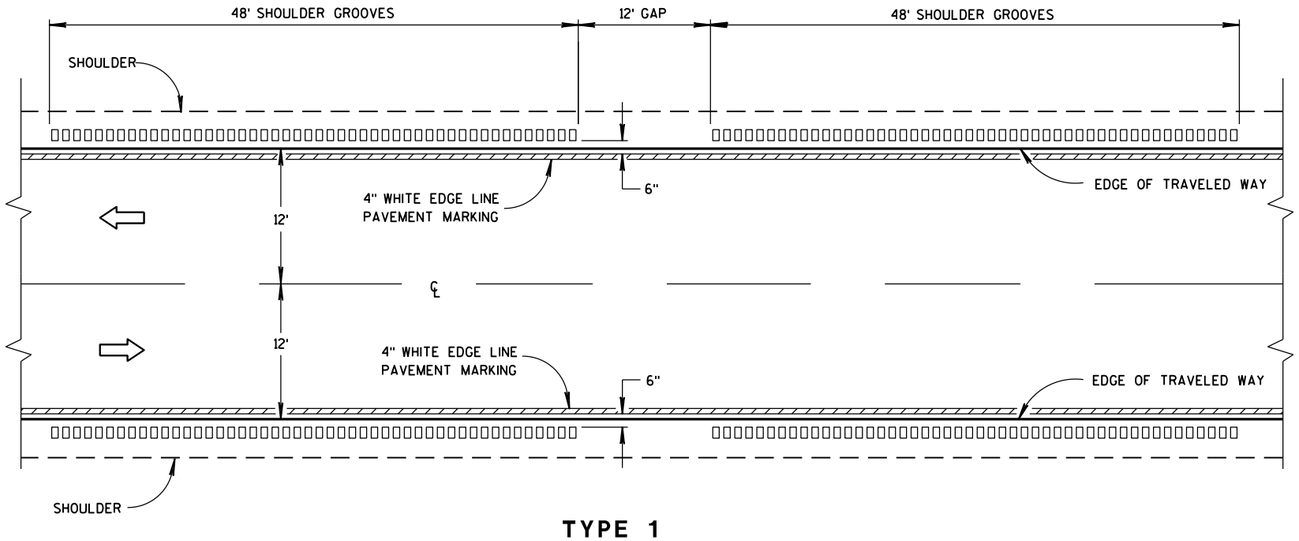
DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

(1) SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.

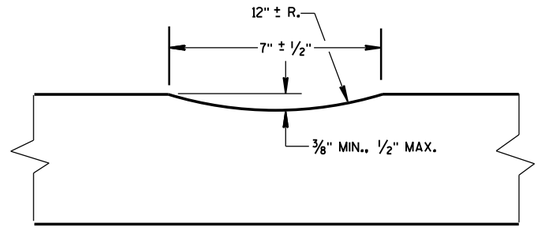


ISOMETRIC

PLACEMENT DETAIL FOR TYPE 1 MILLED RUMBLE STRIP



TYPE 1
2-LANE SHOULDER RUMBLE STRIP



SECTION A-A

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

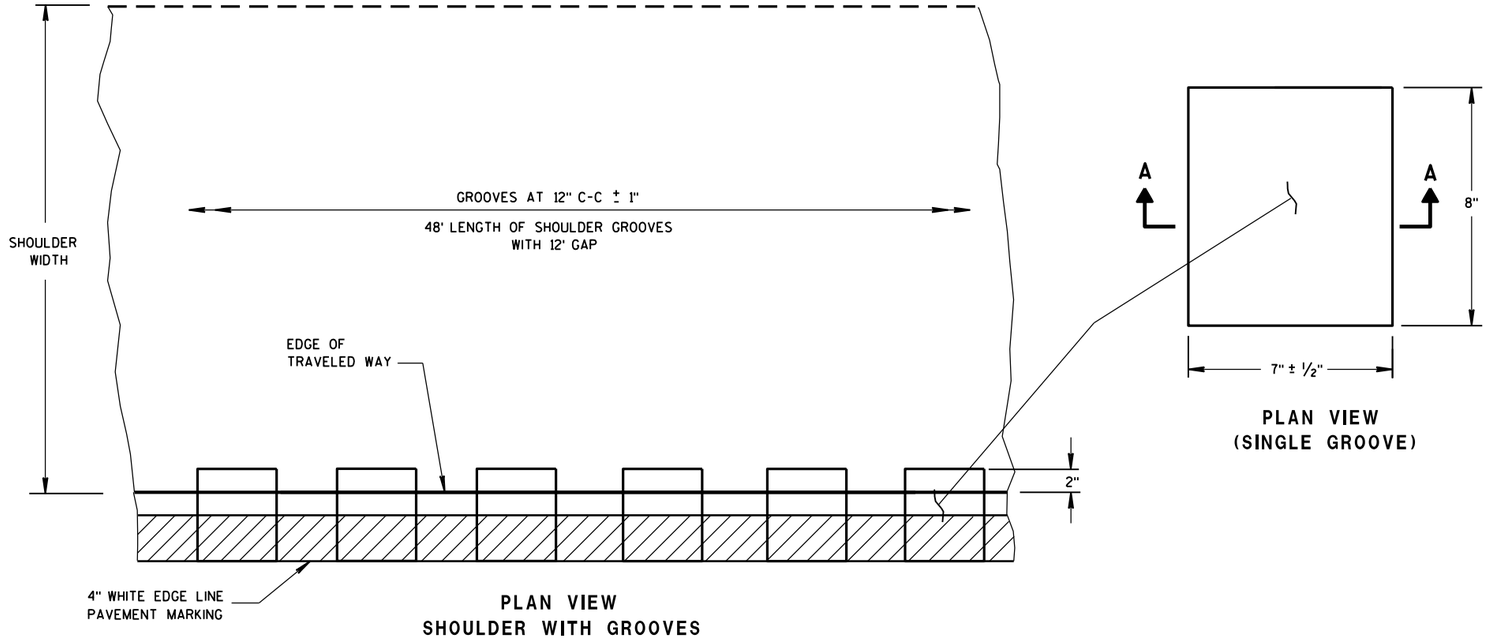
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

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S.D.D. 13 A 10-1a

6

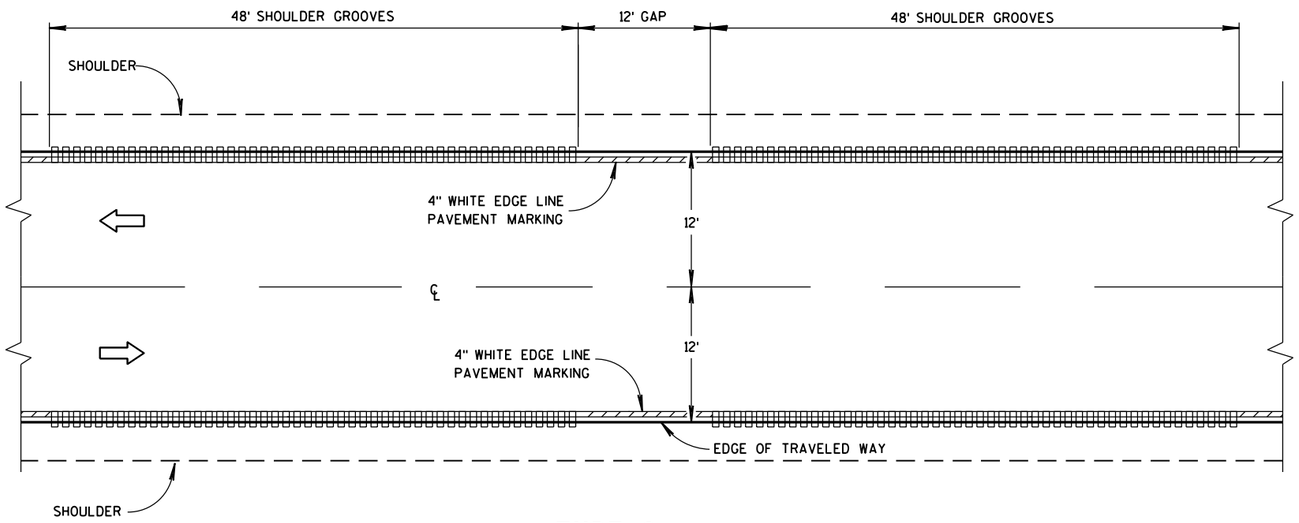
S.D.D. 13 A 10-1a



PLAN VIEW
SHOULDER WITH GROOVES

PLAN VIEW
(SINGLE GROOVE)

PLACEMENT DETAIL FOR TYPE 2 MILLED RUMBLE STRIP



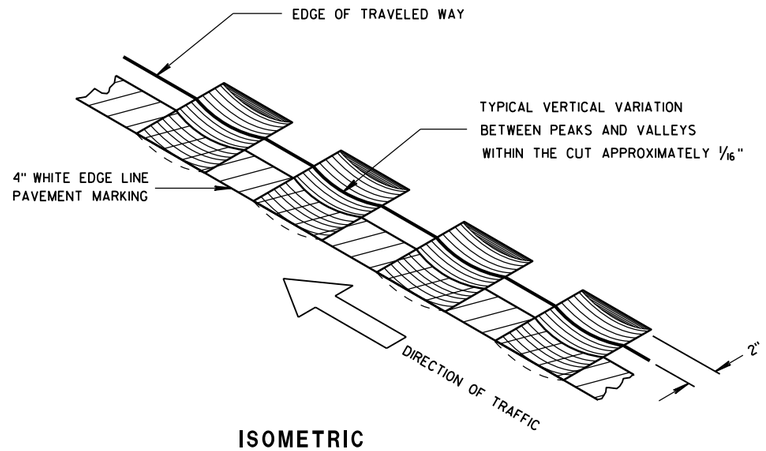
TYPE 2
2-LANE SHOULDER RUMBLE STRIP

GENERAL NOTES

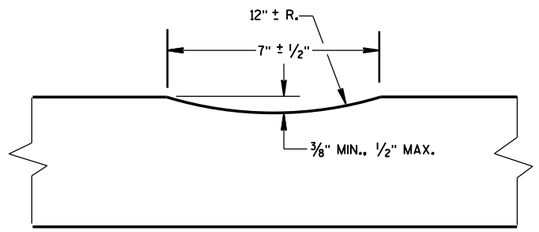
DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

(1) SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



ISOMETRIC



SECTION A-A

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

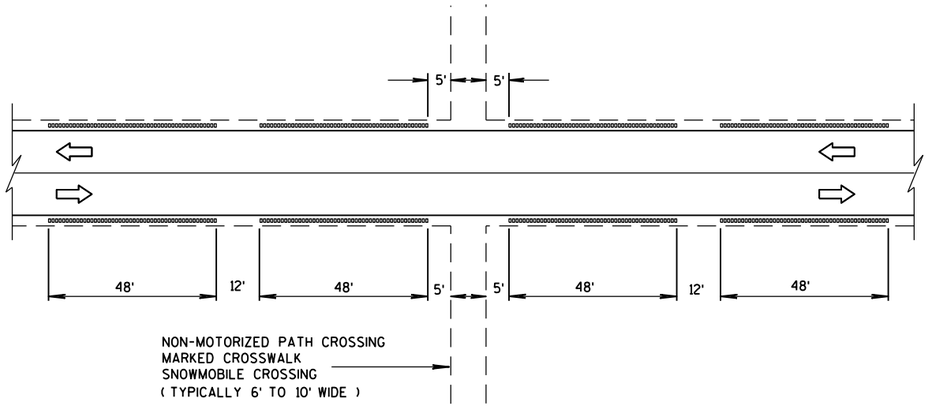
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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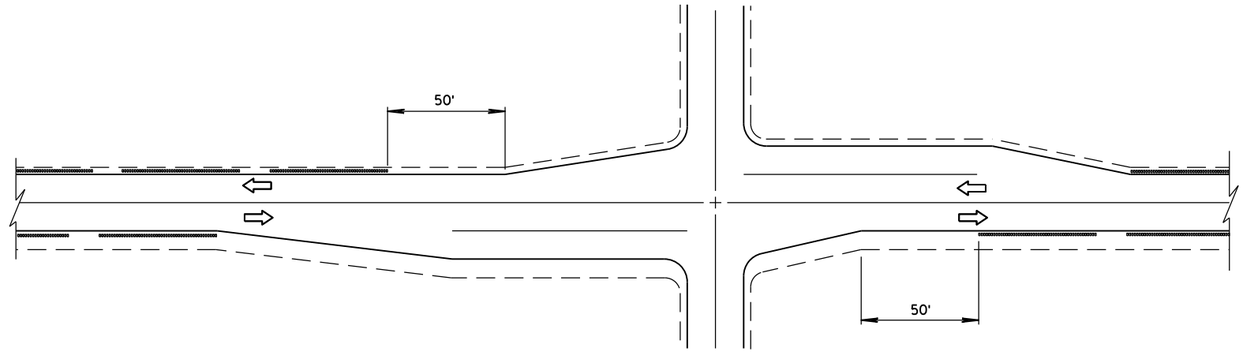
S.D.D. 13 A 10-1b

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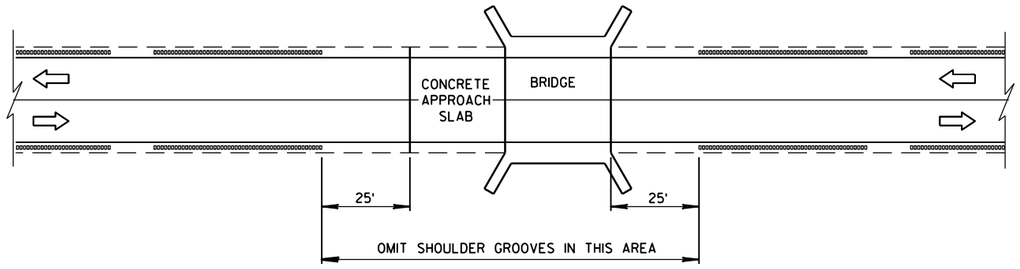
S.D.D. 13 A 10-1b



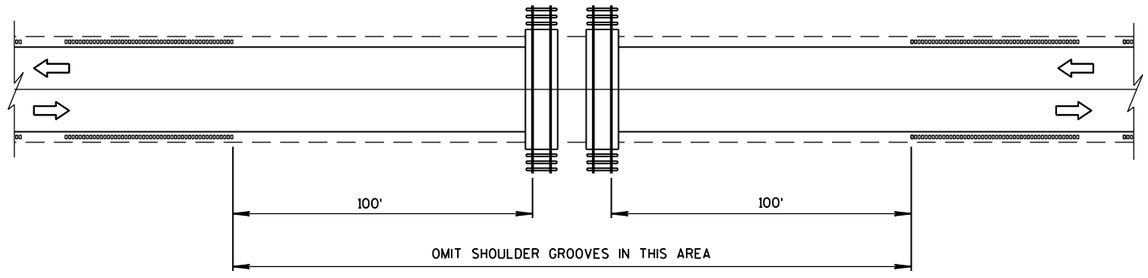
SHOULDER GROOVES AT MISCELLANEOUS CROSSINGS



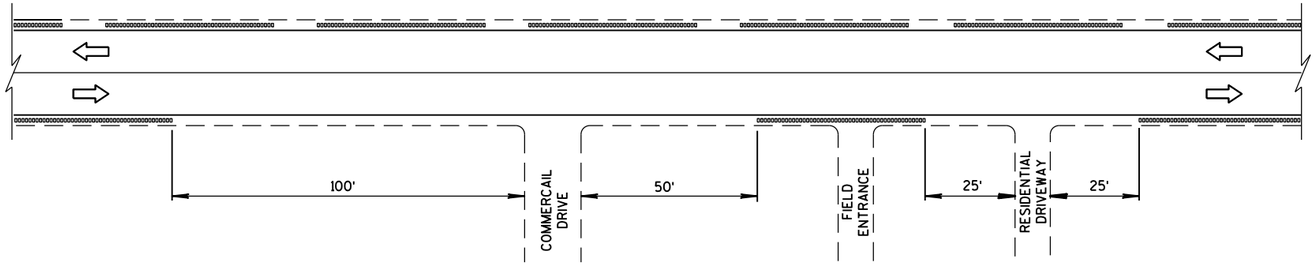
SHOULDER GROOVES AT INTERSECTIONS



SHOULDER GROOVES AT BRIDGES



SHOULDER GROOVES AT RAILROADS

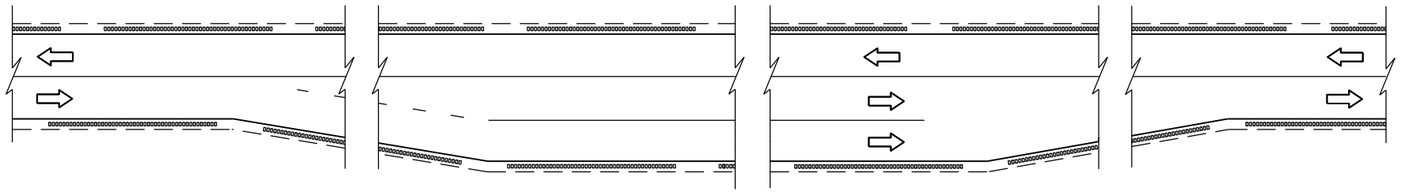


SHOULDER GROOVES AT DRIVEWAYS (1)

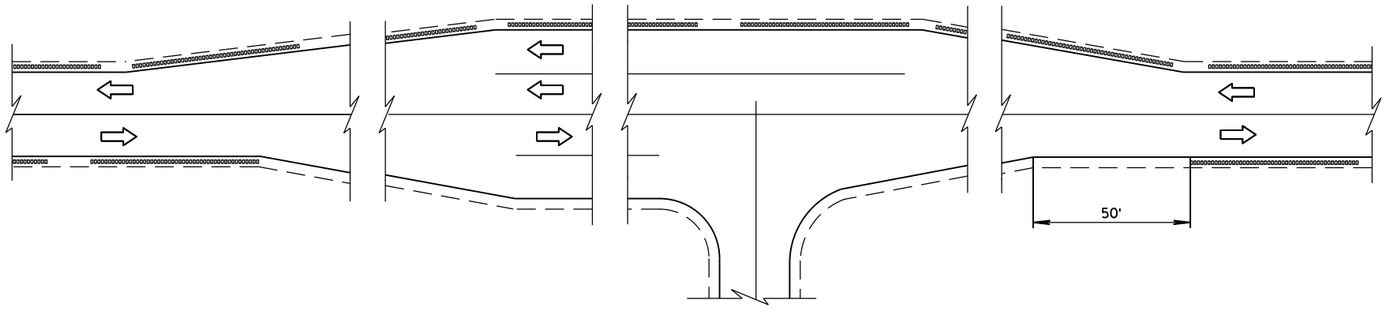
2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 13 A 10-1c



SHOULDER GROOVES AT PASSING AND CLIMBING LANES



SHOULDER GROOVES AT BYPASS LANES

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S.D.D. 13 A 10-1d

S.D.D. 13 A 10-1d

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

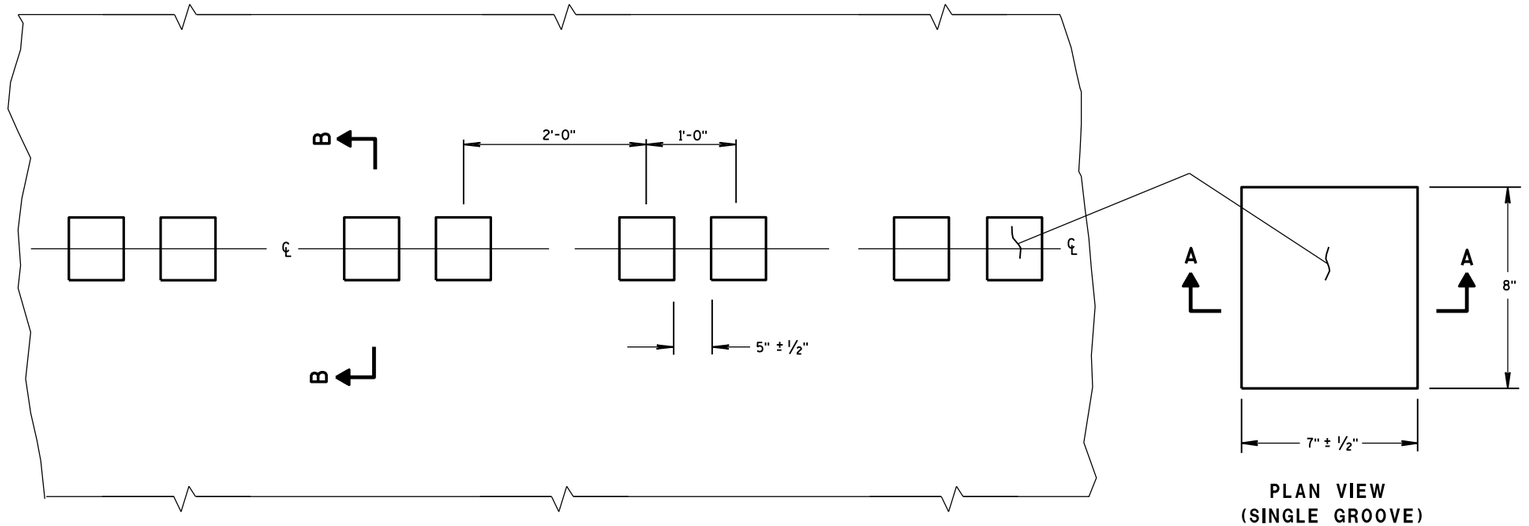
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

12/17/2012
DATE

/S/ Jerry H. Zoga
ROADWAY STANDARDS ENGINEER

FHWA



PLAN VIEW
CENTER LINE WITH GROOVES

PLAN VIEW
(SINGLE GROOVE)

PLACEMENT DETAIL FOR MILLED RUMBLE STRIP

GENERAL NOTES

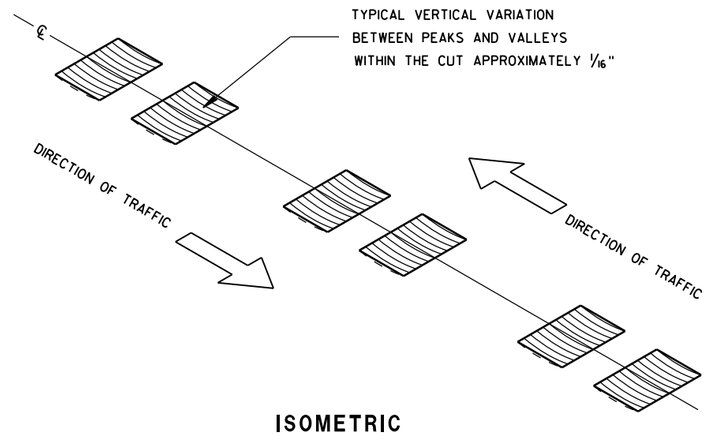
DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

DO NOT MILL CENTER LINE GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

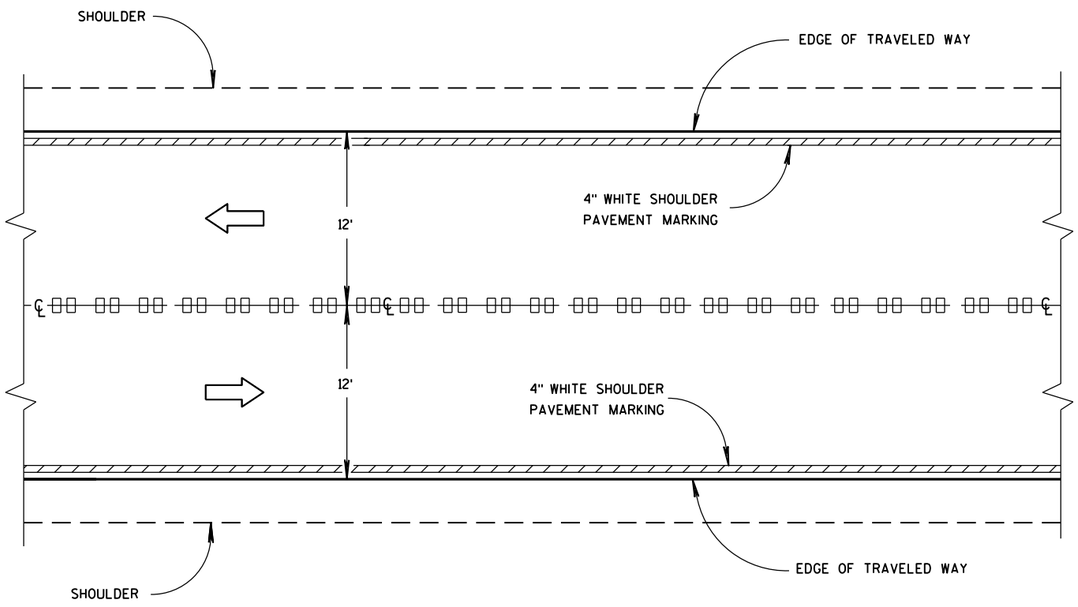
INSTALL PAVEMENT MARKING AFTER THE GROOVES ARE INSTALLED.

SEE SIGNING PLAN FOR SIGN REQUIREMENTS THAT MAY BE NEEDED.

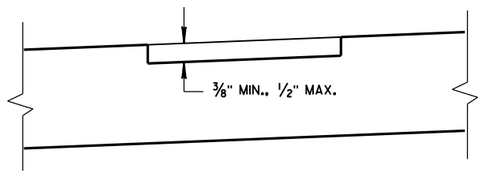
(1) CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



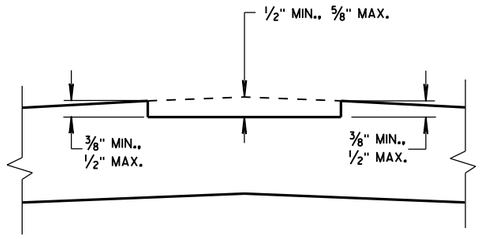
ISOMETRIC



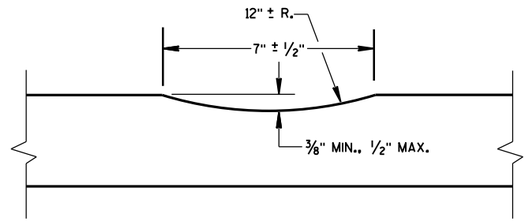
CENTER LINE GROOVES ON TWO-WAY ROADWAYS



SECTION B-B
SUPERELEVATED ROADWAY



SECTION B-B
CROWNED ROADWAY



SECTION A-A

2-LANE RURAL
CENTER LINE RUMBLE STRIP, MILLING

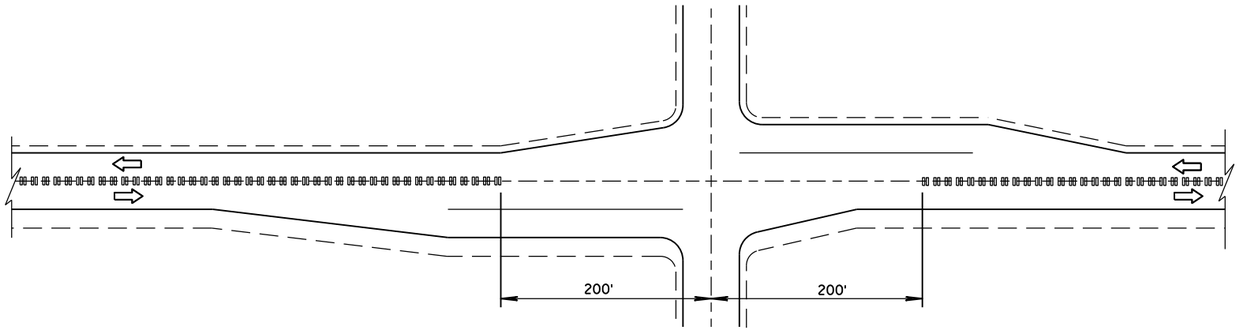
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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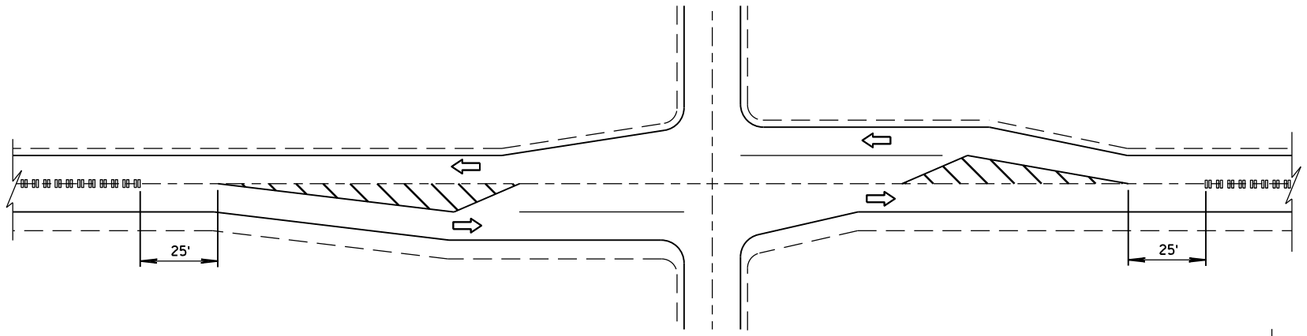
S.D.D. 13 A 11-2a

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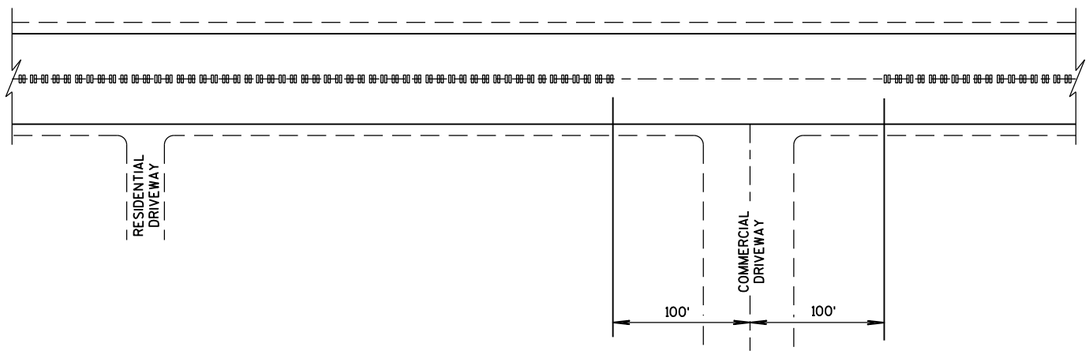
S.D.D. 13 A 11-2a



CENTER LINE GROOVES AT INTERSECTIONS

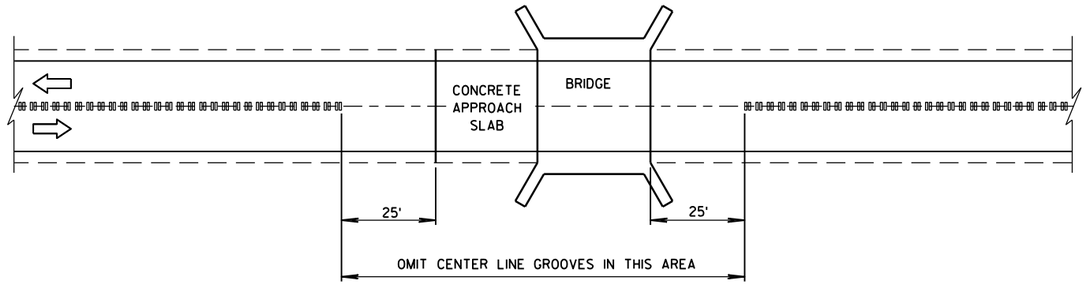


CENTER LINE GROOVES AT INTERSECTIONS
(WITH LEFT TURN LANES)

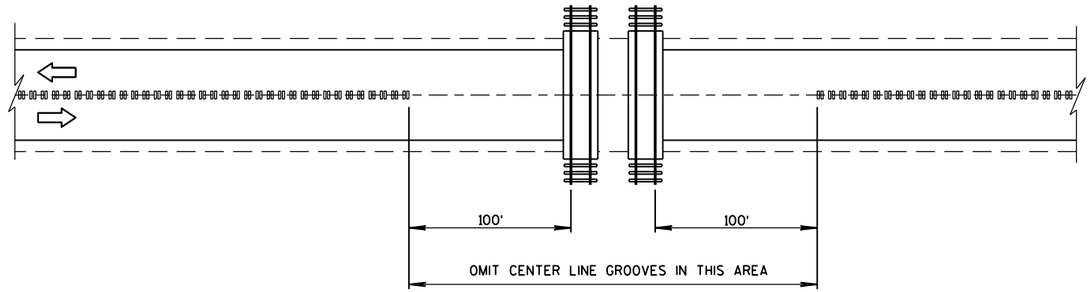


CENTER LINE GROOVES AT DRIVEWAYS (1)

(1) CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



CENTER LINE GROOVES AT BRIDGES



CENTER LINE GROOVES AT RAILROADS

6

S.D.D. 13 A 11-2b

6

S.D.D. 13 A 11-2b

2-LANE RURAL
CENTER LINE RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

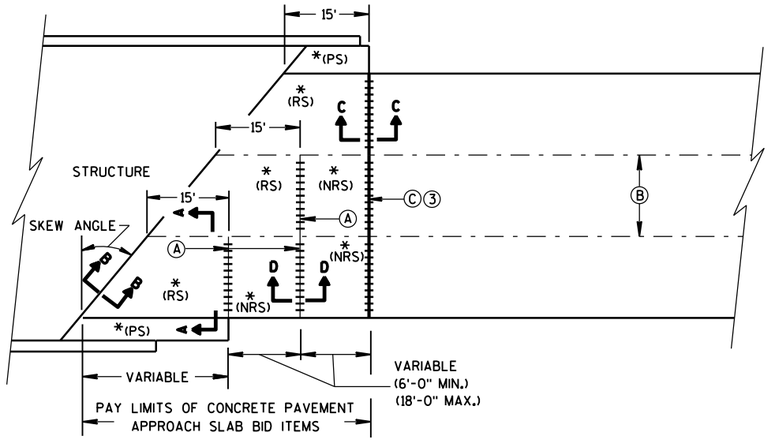
APPROVED

5/15/2013 DATE

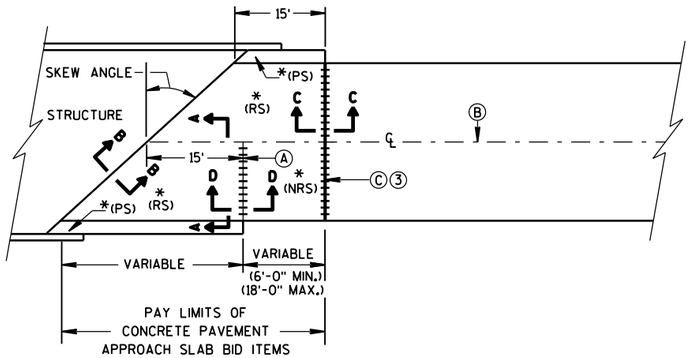
/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

NT

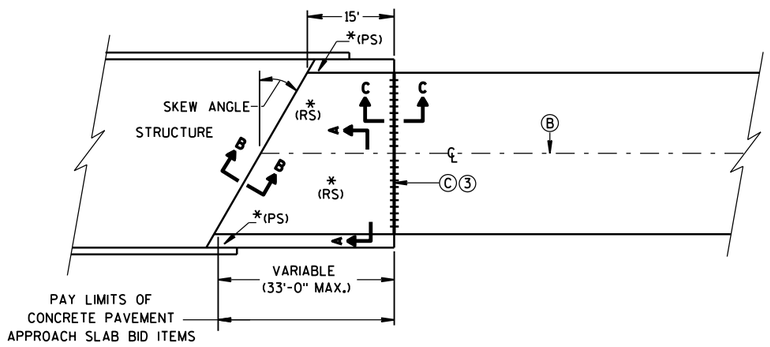
FHWA



SKEWED APPROACH
(PAVEMENT MORE THAN 2 LANES)



SKEWS >20°
(PAVEMENT WIDTH ≤30')



SKEWS ≤20°
(PAVEMENT WIDTH ≤30')

APPROACH SLAB AND ADJACENT PAVEMENT

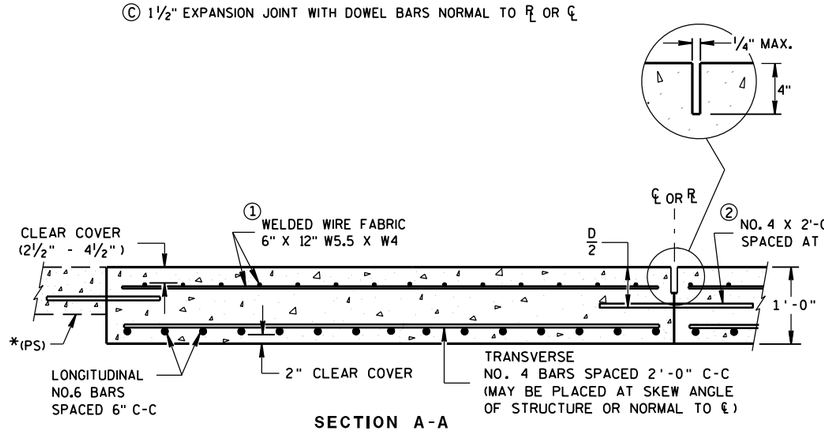
*(RS) = REINFORCED CONCRETE SLAB
*(PS) = PAVED CONCRETE SHOULDER OR CONCRETE DRAINAGE SLAB
(SEE DETAILS ELSEWHERE IN THE PLAN)
*(NRS) = NON-REINFORCED CONCRETE SLAB

***STANDARD DOWEL BAR DIAMETER
(SEE SDD 13C11, & SDD 13C13)

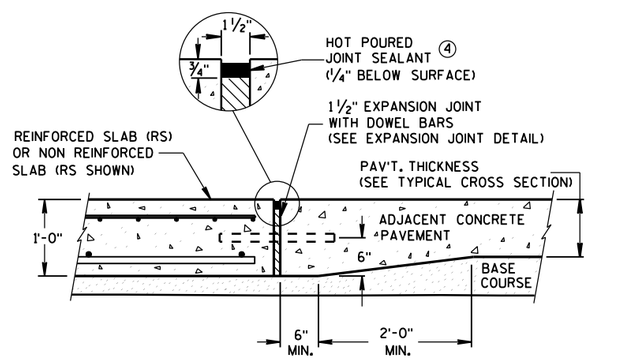
Ⓐ STANDARD CONTRACTION JOINT NORMAL TO ℄ OR ℄

Ⓑ STANDARD LONGITUDINAL JOINT WITH TIE BARS.

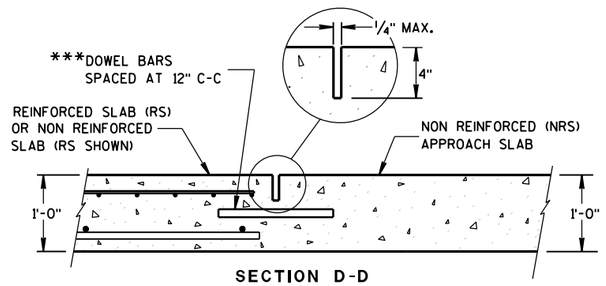
Ⓒ 1½" EXPANSION JOINT WITH DOWEL BARS NORMAL TO ℄ OR ℄



SECTION A-A
REINFORCEMENT POSITIONING DETAIL



SECTION C-C
TRANSITION DETAIL
APPROACH SLAB TO ADJACENT PAVEMENT



SECTION D-D
CONTRACTION JOINT

GENERAL NOTES

THE CONTRACTOR MAY SPLICE NO. 6 BARS IN THE APPROACH SLAB FOR SKEWED STRUCTURES ONLY. STAGGER SPLICES WITH A MAXIMUM OF ONE SPLICE PER BAR. THE LENGTH OF LAP IS 20 INCHES.

TACK WELD DOWEL BARS TO THE BASKETS ON ALTERNATE ENDS.

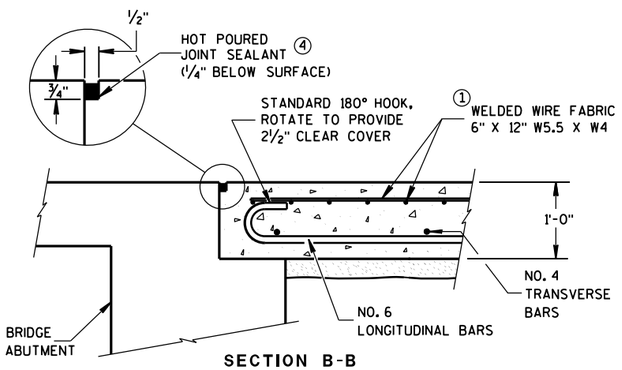
① THE CONTRACTOR MAY USE NO. 4 BARS SPACED AT 2'-0" C-C IN BOTH THE LONGITUDINAL AND TRANSVERSE DIRECTIONS FOR TOP REINFORCEMENT AS AN ALTERNATIVE TO THE WELDED WIRE FABRIC.

② THE CONTRACTOR MAY OMIT TIE BARS BETWEEN REINFORCED SLABS WHERE SLAB REINFORCEMENT BARS EXTEND ACROSS THE CENTERLINE OR REFERENCE LINE.

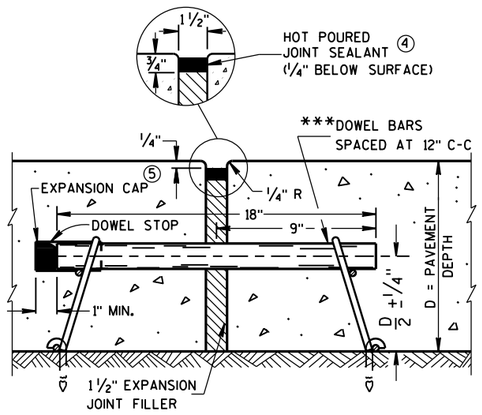
③ DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING AN HMA PAVEMENT.

④ USE A JOINT SEALANT MEETING THE REQUIREMENTS OF ASTM D6690.

⑤ PLACE EXPANSION CAP ON THE END OF THE DOWEL THAT IS NOT TACK WELDED TO THE BASKET. DO NOT FORCE DOWEL BAR PAST THE DOWEL STOP.



SECTION B-B
BEND DETAIL
BOTTOM REINFORCEMENT



EXPANSION JOINT DETAIL

CONCRETE PAVEMENT APPROACH SLAB

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015
DATE
/S/ Peter Kemp, P.E.
PAVEMENT SUPER
FHWA

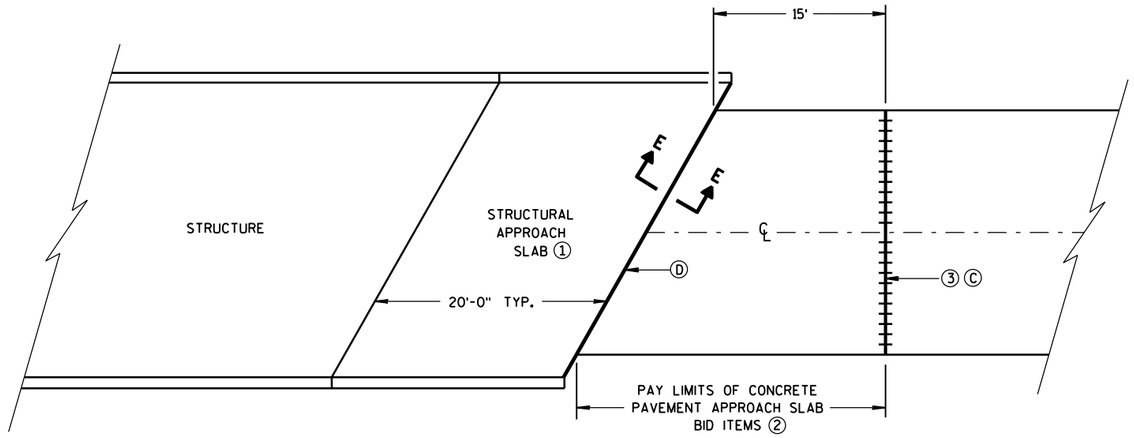
6

S.D.D. 13 B 2-8a

6

S.D.D. 13 B 2-8a

BRIDGE APPROACHES



GENERAL NOTES

ALL PROJECTS THAT INVOLVE A STRUCTURAL APPROACH SLAB WILL ALSO HAVE A CONCRETE PAVEMENT APPROACH SLAB.

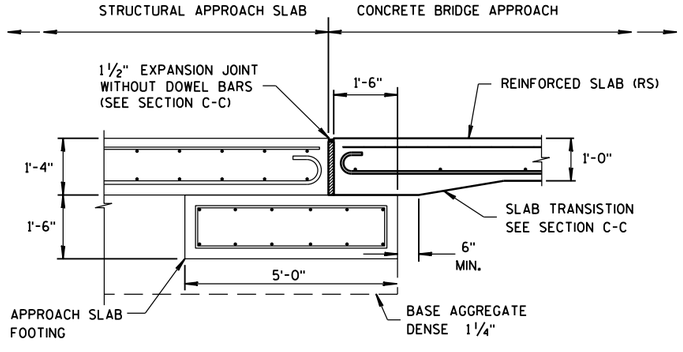
① SEE BRIDGE PLAN.

② CONFORM TO SHEET 13 B 2(A) FOR CONCRETE PAVEMENT APPROACH SLAB DETAILS.

③ DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING AN HMA PAVEMENT.

Ⓒ 1½" EXPANSION JOINT WITH DOWEL BARS NORMAL TO ℄ OR ℄

Ⓓ 1½" EXPANSION JOINT (NO DOWELS)



SECTION E-E

FOOTING DETAIL

STRUCTURAL APPROACH SLAB TO CONCRETE BRIDGE APPROACH

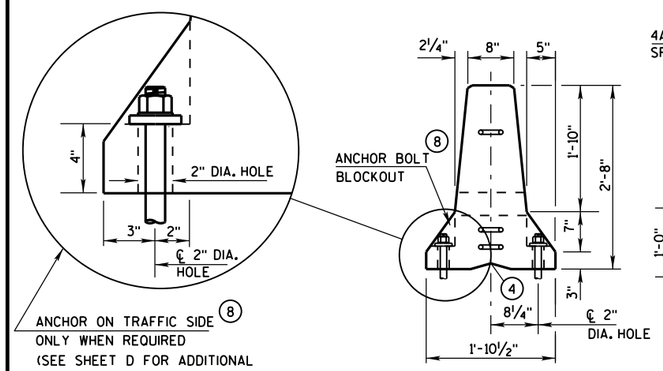
STRUCTURAL APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

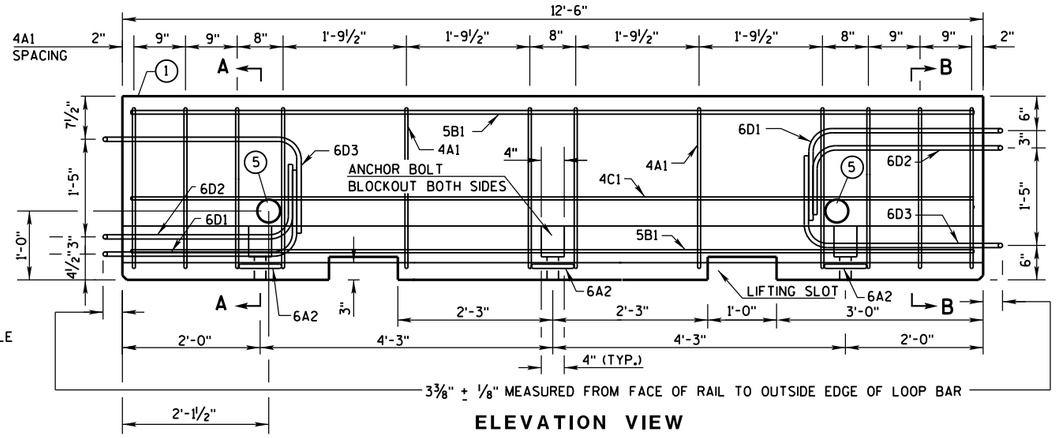
APPROVED
June, 2015 — DATE
/S/ Peter Kemp, P.E. — PAVEMENT SUPEF
FHWA

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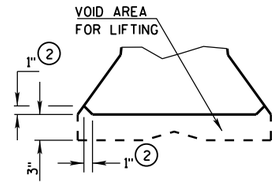
S.D.D. 13 B 2-8b



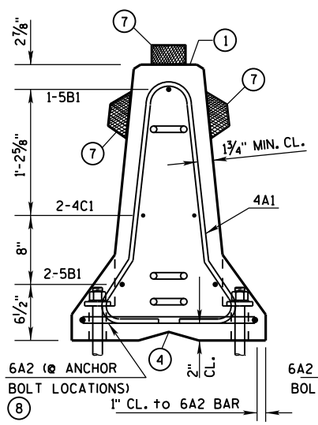
END VIEW



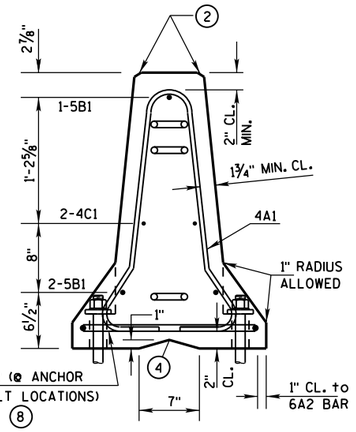
ELEVATION VIEW



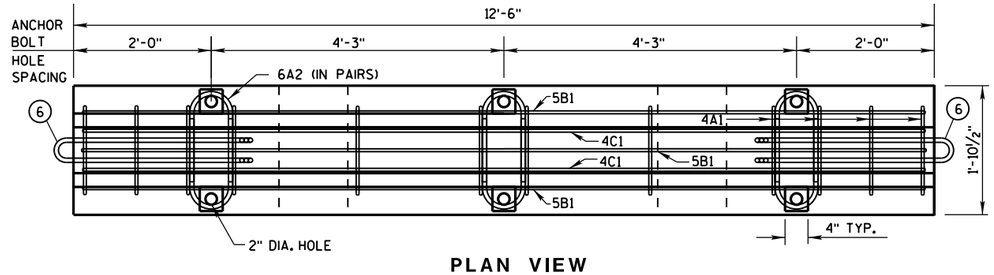
DETAIL "B"
LIFTING SLOT DETAIL



SECTION A-A
(STIRRUP PLACEMENT)



SECTION B-B
(STIRRUP PLACEMENT)



PLAN VIEW

DETAILS OF BARRIER SECTION

GENERAL NOTES

THESE GENERAL NOTES APPLY TO SHEETS 14B7-14(a) THRU 14B7-14(h).

DO NOT INTERMIX CONCRETE BARRIER TEMPORARY PRCAST, 12'-6" (CBTP12.5) WITH OTHER TEMPORARY CONCRETE BARRIERS.

USE ASTM A-615, GRADE 60, DEFORMED STEEL BARS FOR BARS 4A1, 6A2, 5B1 AND 4C1 IN THE BARRIER SECTION AND FOR 4V1, 4V2, 4V3, 4V4, 4V5, 4V6, 4F1, 4F2 AND 5F3 IN THE BARRIER TAPER SECTION.

LOOP BARS 6D1, 6D2 AND 6D3 SHALL BE ¾" SMOOTH STEEL BARS WITH A MINIMUM YIELD STRENGTH OF 60 KSI, A TENSILE STRENGTH OF NOT LESS THAN 1.25 TIMES THE YIELD STRENGTH BUT A MINIMUM OF 80 KSI, A MINIMUM 14% ELONGATION IN 8 INCHES AND PASSING A 180 DEGREE BEND TEST USING A 3-½" PIN BEND DIAMETER FOR BEND TESTS. THE LOOPS SHALL BE INSTALLED WITHIN ⅛" OF THE PLAN DIMENSION.

CONSTRUCT LIFTING SLOTS AS SPECIFIED ON THE PLANS TO FACILITATE THE DRAINAGE OF WATER AFTER INSTALLATION.

PLACE BARRIER ON A PAVED SURFACE. REMOVE ALL LOOSE DIRT AND SAND FROM THE ROADWAY SURFACE PRIOR TO PLACEMENT OF THE BARRIER.

INSTALL MECHANICAL OR ADHESIVE ANCHORS PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE MANUFACTURER'S INFORMATION TO PROJECT ENGINEER.

(1) MARK ONE END OF EACH BARRIER PERMANENTLY BY FORMING INTO THE BARRIER THE FOLLOWING INFORMATION:
- a. TYPE: WI CBTP
- b. MANUFACTURER
- c. DATE MANUFACTURED (MONTH AND YEAR)

(2) 1" CHAMFER TO PREVENT SPALLING.

(3) A ⅜" HOLE IN THE CONNECTION PIN, AT THE LOCATION SHOWN, IS ACCEPTABLE, BUT NOT REQUIRED..

(4) "V" NOTCH IS OPTIONAL.

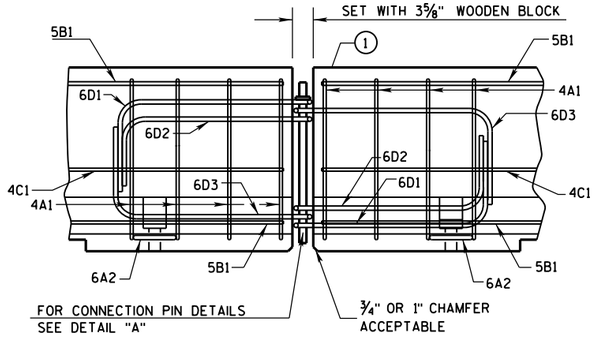
(5) THE 4" DIAMETER, 11 GAUGE STEEL, ROUND MECHANICAL TUBING SLEEVE FOR LIFTING (OPTIONAL).

(6) NEVER USE LOOP BARS (6D1, 6D2 OR 6D3) TO LIFT, MOVE OR REPOSITION THE BARRIER.

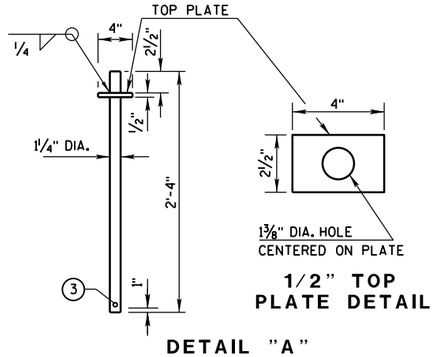
(7) USE DELINEATORS CONFORMING TO SECTION 633 OF THE STANDARD SPECIFICATIONS. CONTRACTOR MAY USE ALTERNATE SHAPES AND HOUSING. INSTALL DELINEATORS ACCORDING TO MANUFACTURES INSTRUCTION. INSTALL YELLOW REFLECTORS WHEN BARRIER IS LOCATED TO THE LEFT OF TRAFFIC AND WHITE REFLECTORS WHEN BARRIER IS LOCATED TO THE RIGHT OF TRAFFIC. SPACE DELINEATORS A MAXIMUM OF 25 FEET APART. PROVIDE TOP MOUNTED DELINEATORS IN ADDITION TO THE SIDE MOUNTED DELINEATORS ON ALL BARRIER INSTALLATIONS LOCATED ON A CURVED ALIGNMENT LONGER THAN 200 FEET AND ON BARRIERS USED TO SEPARATE OPPOSING TRAFFIC.

(8) SEE SHEET D FOR ANCHORING CRITERIA.

(9) 1" CHAMFER OPTIONAL.

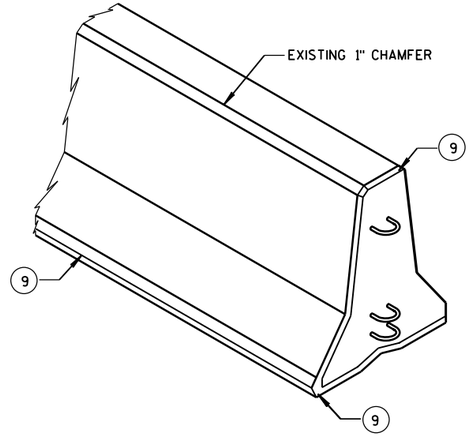


DETAILS OF BARRIER CONNECTION



1/2" TOP PLATE DETAIL

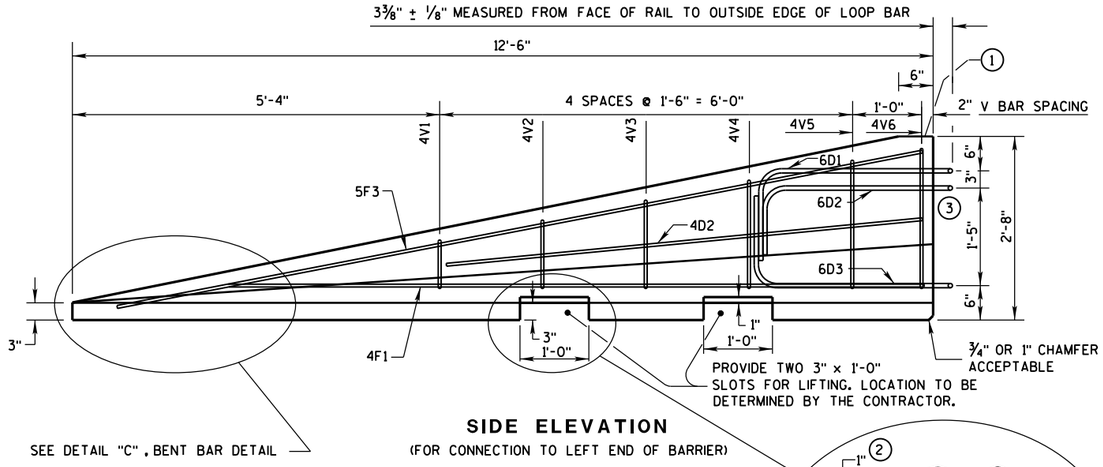
DETAIL "A"
CONNECTION PIN
(A36 STEEL (10.9 LB EACH))



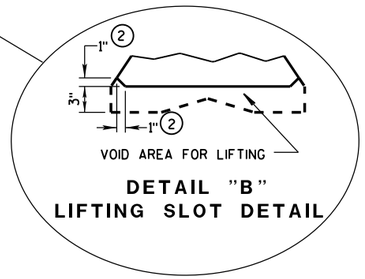
CONCRETE BARRIER
TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 305

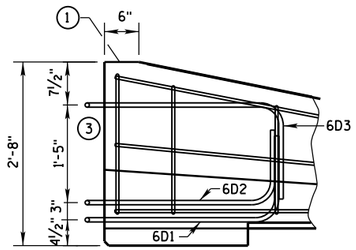
6
S.D.D. 14 B 7-14a



SIDE ELEVATION
(FOR CONNECTION TO LEFT END OF BARRIER)



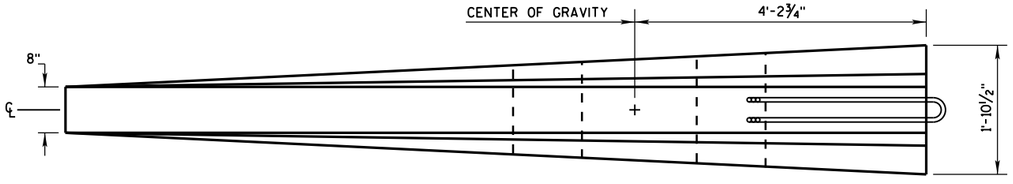
DETAIL "B"
LIFTING SLOT DETAIL



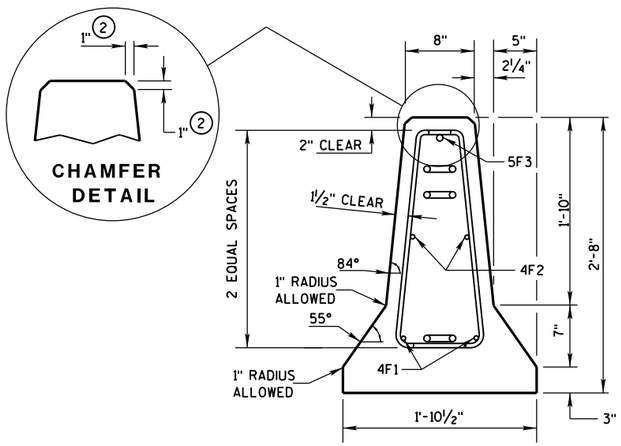
SIDE ELEVATION
LOOP BAR ASSEMBLY INVERTED
FOR OPPOSITE END.
(FOR CONNECTION TO RIGHT END OF BARRIER)

GENERAL NOTES

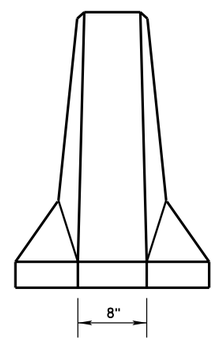
1. MARK ONE END OF EACH BARRIER PERMANENTLY BY FORMING INTO THE BARRIER THE FOLLOWING INFORMATION:
   a. TYPE WICBTP
   b. MANUFACTURER
   c. DATE MANUFACTURED (MONTH AND YEAR)
2. 1" CHAMFER TO PREVENT SPALLING.
3. NEVER USE LOOP BARS (6D1, 6D2 OR 6D3) TO LIFT, MOVE OR REPOSITION THE BARRIER.



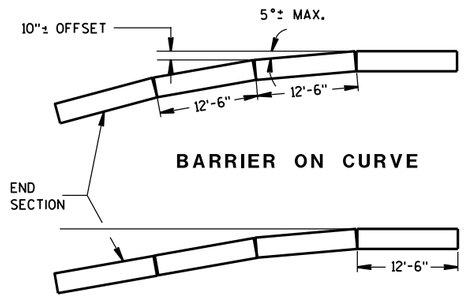
PLAN VIEW



END SECTION



FRONT ELEVATION



BARRIER ON CURVE

FLARE AT BARRIER END

POSTED SPEED, (MPH)	FLARE RATE
40 OR LESS	6:1
45 OR GREATER	8:1

DETAILS OF BARRIER TAPER SECTION

CONCRETE BARRIER
TEMPORARY PRECAST, 12'-6"

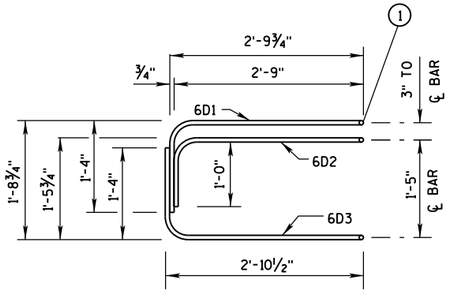
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6
S.D.D. 14 B 7-14b

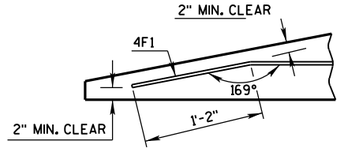
BARRIER TAPER SECTION BILL OF MATERIALS

(PER 12'-6" BARRIER TAPER SECTION)

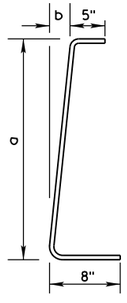
BAR	BAR SIZE	NO. OF BARS	LENGTH FT.
4V1	4	2	1'-11"
4V2	4	2	2'-2"
4V3	4	2	2'-6"
4V4	4	2	2'-9"
4V5	4	2	3'-2"
4V6	4	2	3'-4"
4F1	4	2	12'-0"
4F2	4	2	7'-6"
5F3	5	1	11'-9"
LOOP ASSEMBLY			
6D1	6	1	8'-5"
6D2	6	1	7'-7"
6D3	6	1	8'-6"



ELEVATION
LOOP BAR ASSEMBLY



DETAIL "C"
BENT BAR DETAIL



BAR	a	b
V1	10"	1"
V2	1'-1"	1¼"
V3	1'-5"	1⅝"
V4	1'-8"	1⅞"
V5	2'-0½"	2⅜"
V6	2'-3"	2¾"

4V BARS
2 AT EACH SIZE REQUIRED
FOR STIRRUP ASSEMBLY

TAPER BARRIER SECTION

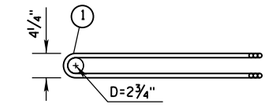
GENERAL NOTES

(1) NEVER USE LOOP BARS (6D1, 6D2 OR 6D3) TO LIFT, MOVE OR REPOSITION THE BARRIER.

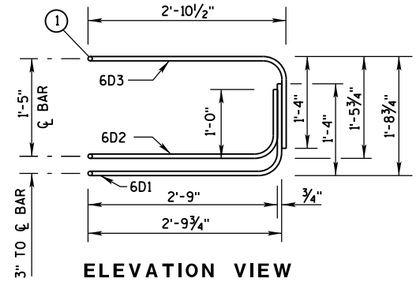
BARRIER SECTION BILL OF MATERIALS

(PER 12'-6" BARRIER SECTION)

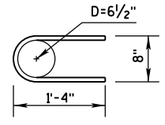
BAR	BAR SIZE	NO. OF BARS	LENGTH FT.
4A1	4	12	6'-0"
6A2	6	6	2'-11"
5B1	5	3	12'-2"
4C1	4	2	12'-2"
LOOP ASSEMBLY			
6D1	6	2	8'-5"
6D2	6	2	7'-7"
6D3	6	2	8'-6"



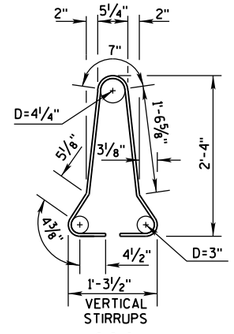
PLAN VIEW
LOOP BAR ASSEMBLY
(MARKED END SHOWN, INVERT FOR OTHER END)



ELEVATION VIEW



6A2



4A1

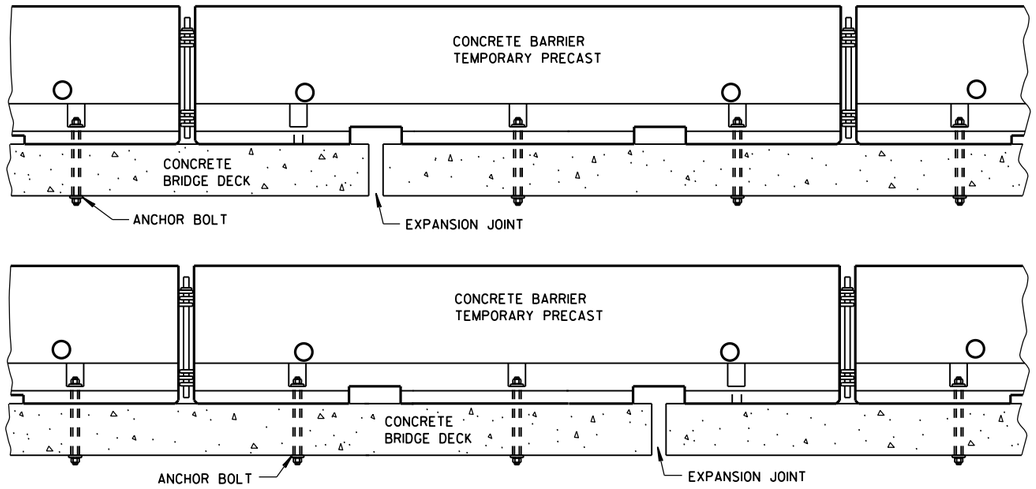
BARRIER SECTION

CONCRETE BARRIER
TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

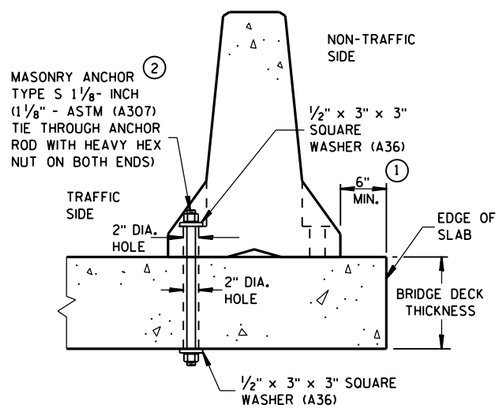
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S.D.D. 14 B 7-14c



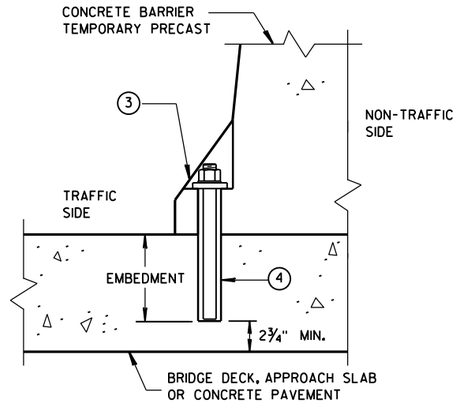
TREATMENT AT BRIDGE DECK EXPANSION JOINTS

(NO SINGLE CONCRETE BARRIER SECTION SHALL BE ANCHORED TO BOTH THE BRIDGE DECK AND THE APPROACH SLAB. ALL ANCHOR BOLT LOCATIONS SHALL BE ANCHORED TO THE DECK IN ACCORDANCE WITH THE DETAIL. NO MORE THAN ONE ANCHOR BOLT SHALL BE ELIMINATED FROM A BARRIER SECTION WHEN SPANNING AN EXPANSION JOINT.)



THROUGH BOLTED ANCHOR INSTALLATION ON BRIDGE DECK

(DO NOTUSE ON CONCRETE BRIDGE DECK WITH ASPHALT OVERLAY)



REMOVABLE ADHESIVE BONDED ANCHOR INSTALLATION ON CONCRETE BRIDGE DECK, CONCRETE APPROACH SLAB, OR CONCRETE PAVEMENT ②

(DO NOT USE ON CONCRETE WITH AN ASPHALTIC OVERLAY)

GENERAL NOTES

① CONCRETE BARRIER TEMPORARY PRECAST, 12'-6" SHALL BE ANCHORED IF:
THE DISTANCE TO A 2 FOOT OR GREATER DROPOFF THAT IS STEEPER THAN 3H : 1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROPOFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROPOFF AND THE POSTED SPEED IS 45 MPH OR GREATER, OR

THE DISTANCE TO A 2 FOOT OR GREATER DROPOFF THAT IS STEEPER THAN 3H : 1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROPOFF AT THE EDGE OF PAVEMENT, IS LESS THAN 2 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROPOFF AND THE POSTED SPEED IS 40 MPH OR LESS.

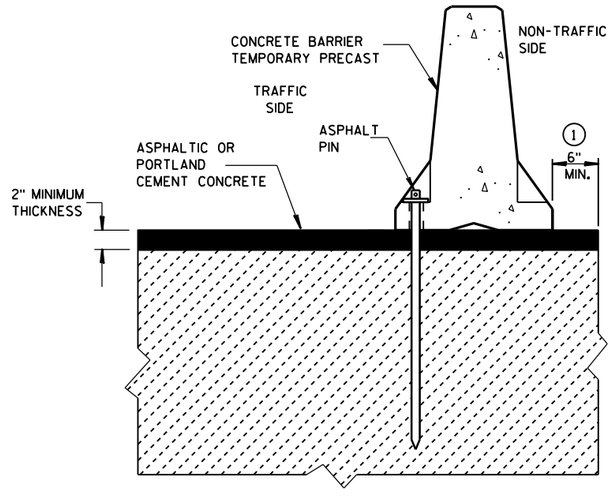
② ANCHORING IS INCIDENTAL TO CONCRETE BARRIER TEMPORARY PRECAST.

WITH THE APPROVAL OF THE ENGINEER, REMOVABLE ADHESIVE BONDED ANCHOR BOLT INSTALLATION MAY BE USED IN LIEU OF THROUGH BOLTED ANCHOR INSTALLATION. THE ADHESIVE BONDED ANCHOR BOLT MUST BE REMOVABLE. USE ASTM (A307) MASONRY ANCHORS TYPE S 1⅛-INCH, EMBEDDED TO A DEPTH SUFFICIENT TO DEVELOP THE ULTIMATE CAPACITY OF THE ANCHOR BOLT AND PROVIDE DOCUMENTATION TO CONFIRM THIS.

UPON REMOVAL OR RELOCATION OF THE BARRIER UNITS, REMOVE ALL ANCHOR BOLTS AND COMPLETELY FILL IN THE REMAINING HOLES IN CONCRETE BRIDGE DECKS, CONCRETE APPROACH SLABS AND CONCRETE PAVEMENTS THAT ARE TO REMAIN, WITH A NON-SHRINK COMMERICAL GROUT OR MATERIAL IDENTIFIED ON THE CURRENT WISDOT APPROVED PRODUCTS LIST.

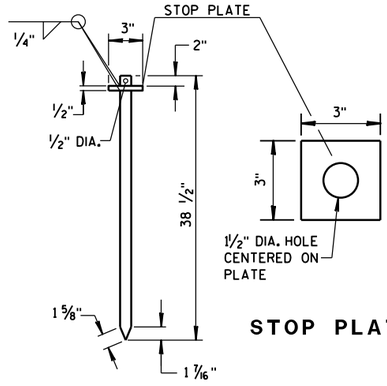
③ 1⅛" DIAMENTER A307 THREADED ROD, ½" X 3" X 3" SQUARE PLATE WASHER WITH ASTM A36 STEEL, ASTM A563A HEAVY HEX NUT.

④ ADHESIVE ANCHORS WITH A MINIMUM BOND STRENGTH OF 1,800 PSI AND 5¼" EMBEDMENT. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.



STAKE DOWN INSTALLATION FOR ASPHALTIC OR PORTLAND CEMENT CONCRETE SURFACE

(STAKING IS INCIDENTAL TO CONCRETE BARRIER TEMPORARY PRECAST)

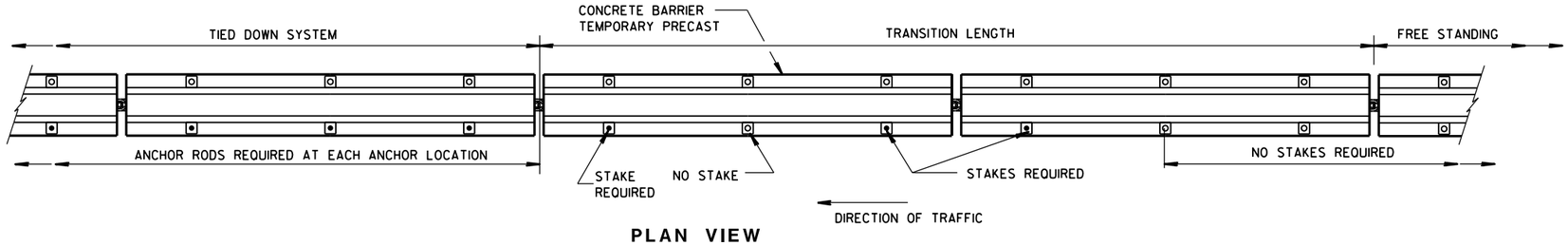


STOP PLATE



ASPHALT PIN

(ASTM A36 STEEL)



PLAN VIEW

FREE STANDING TRANSITION TO TIED-DOWN SYSTEM

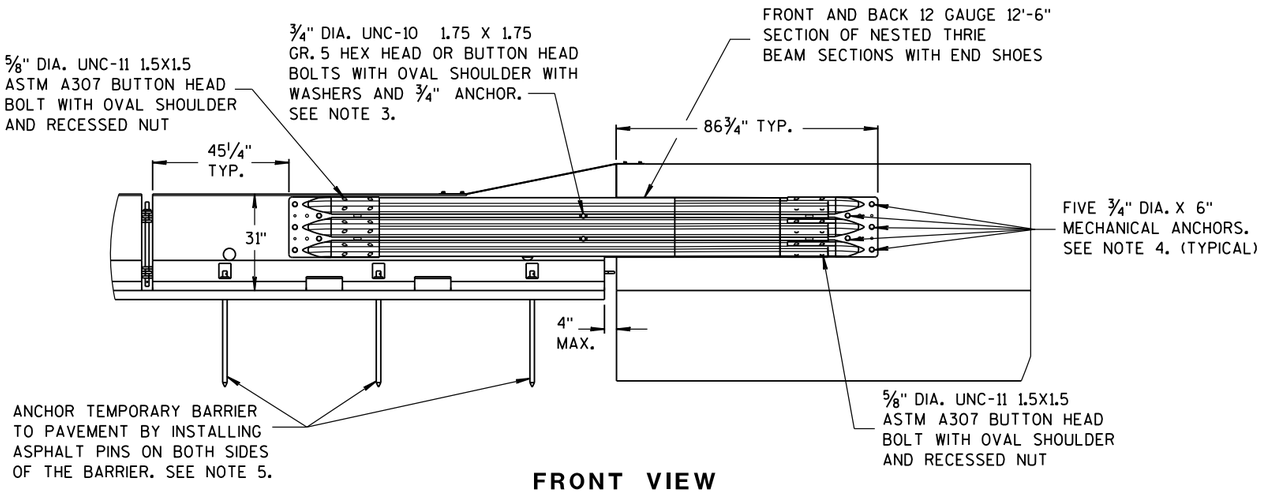
(PLACE TRANSITION IN A TANGENT SECTION OF BARRIER PARALLEL TO THE ROADWAY. IF TRANSITION OCCURS ON STRUCTURAL SLAB, ANCHOR AS SHOWN.)

CONCRETE BARRIER
TEMPORARY PRECAST, 12'-6"

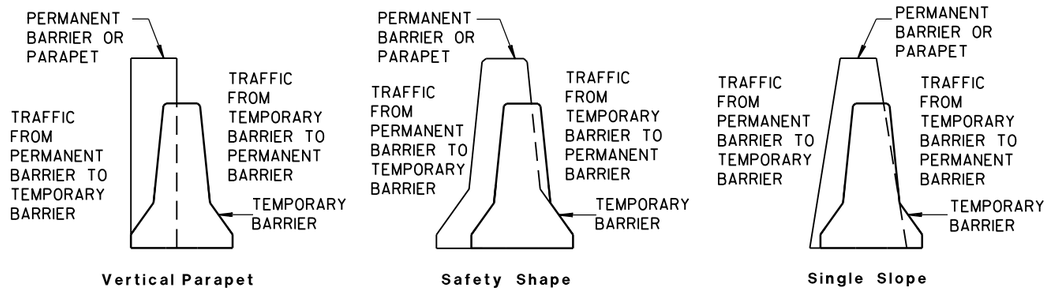
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 14 B 7-14d



FRONT VIEW



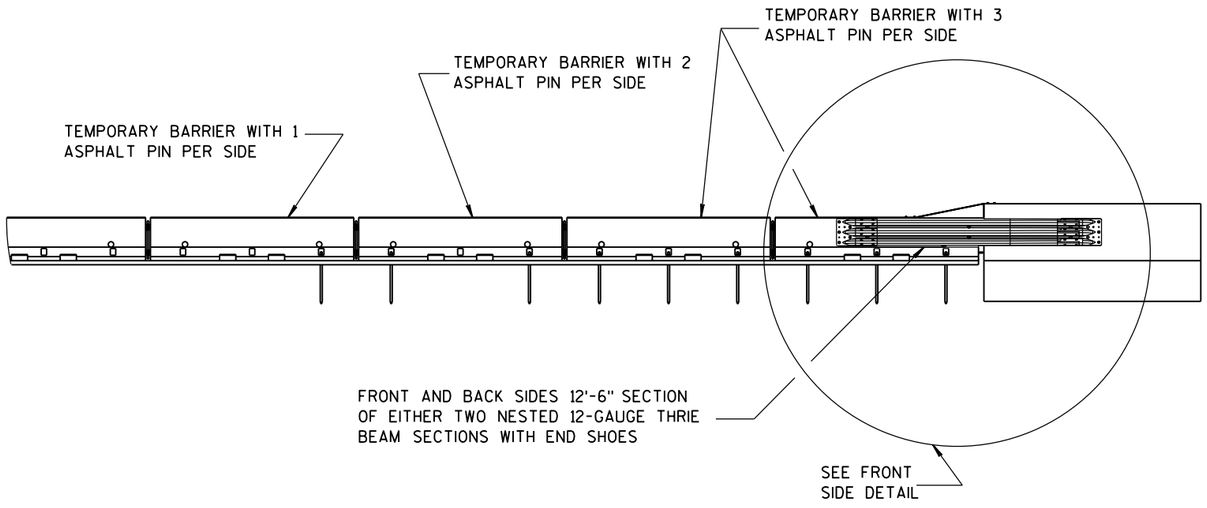
TEMPORARY BARRIER PLACEMENT FOR BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM

NOTES

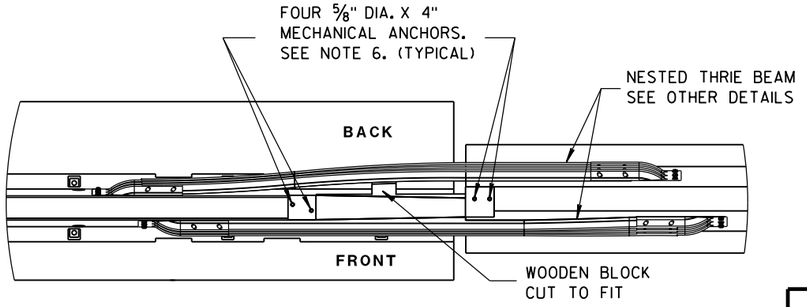
NESTED THRIE BEAM IS REQUIRED ON BOTH SIDES OF THE TEMPORARY BARRIER FOR ALL INSTALLATIONS.

1. CAP END PLATE PLACED FLUSH WITH UPSTREAM END OF PERMANENT BARRIER OR PARAPET.
2. THRIE BEAM PIECES ARE OFFSET 15 1/4" TO PREVENT INTERFERENCE FROM THE ANCHORS ON OPPOSING SIDES.
3. MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 9.48 KIPS AND ULTIMATE SHEAR LOAD 10.48 KIPS.
4. MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 17.9 KIPS AND ULTIMATE SHEAR LOAD 21.96 KIPS.
5. MAY BE USED ON CONCRETE OR ASPHALT PAVEMENTS. ASPHALT OPTION SHOWN. FOR CONCRETE OPTION SEE OTHER DETAILS.
6. MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 12.14 KIPS AND ULTIMATE SHEAR LOAD 17.5 KIPS.

BACK VIEW



FRONT VIEW



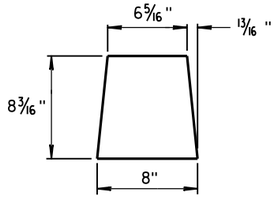
PLAN VIEW

BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM

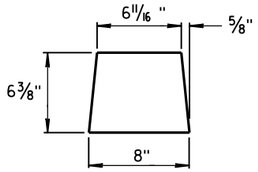
CONCRETE BARRIER
TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

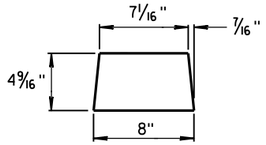
6
S.D.D. 14 B 7-14e



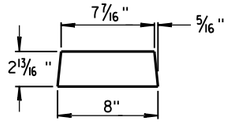
GUSSET 1



GUSSET 2

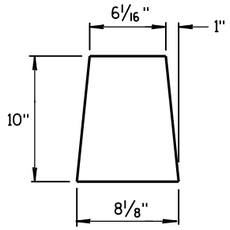


GUSSET 3

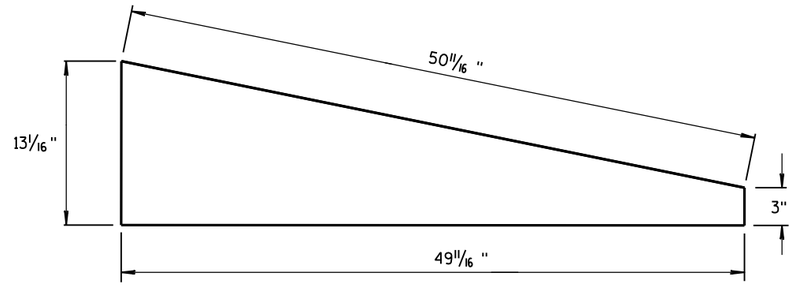


GUSSET 4

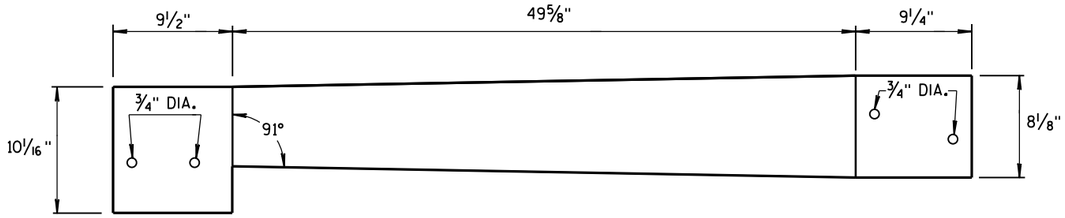
GUSSETS

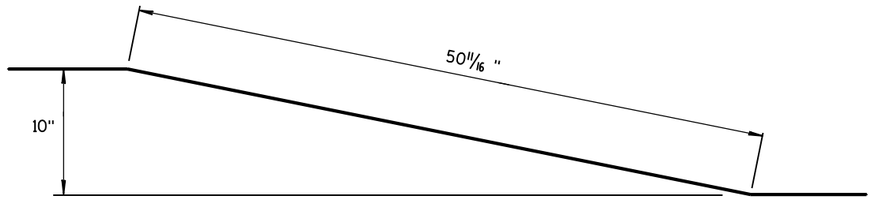


END PLATE



SIDE PLATE

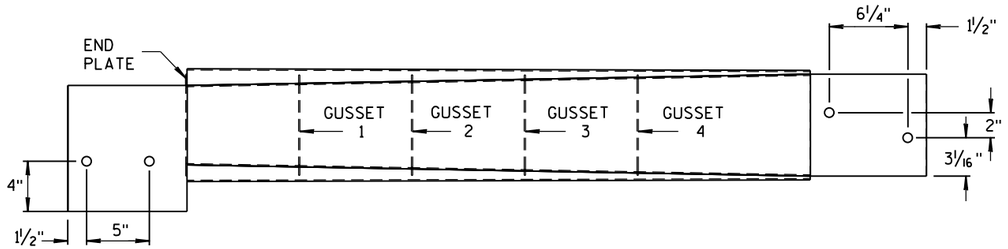


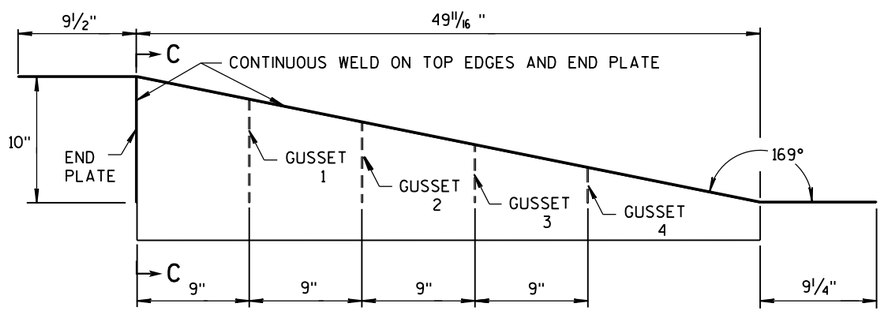


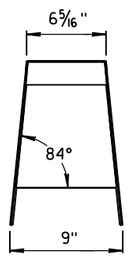
TOP PLATE

SIDE, TOP AND END PLATES FOR CAP FROM TEMPORARY CONCRETE BARRIER TO 42" PERMANENT CONCRETE BARRIER

SIDE PLATES, TOP PLATE, END PLATE AND GUSSETS ARE 12 GAUGE ASTM A36 GALVANIZED STEEL.







SECTION C-C

NOTES

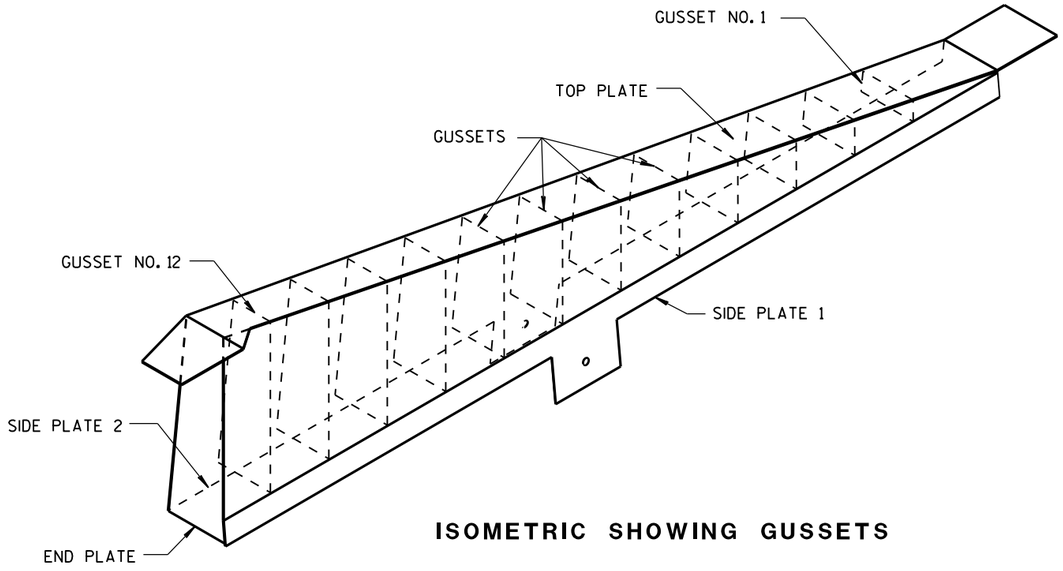
1. FOUR GUSSETS AND END PLATE ARE STITCH WELDED ON THREE SIDES.
2. TWO TRIANGULAR SIDE PLATES ARE STITCH WELDED TO TOP PLATE, END PLATE, AND GUSSETS.

CAP DETAILS FOR TEMPORARY CONCRETE BARRIER TO 42" PERMANENT CONCRETE BARRIER

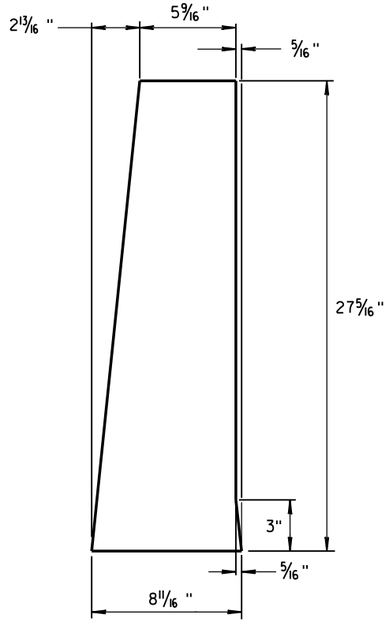
CONCRETE BARRIER
TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 14 B 7-14f

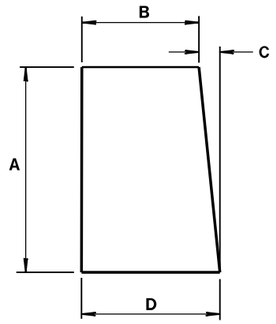


ISOMETRIC SHOWING GUSSETS



END PLATE

1/8" STEEL PLATE



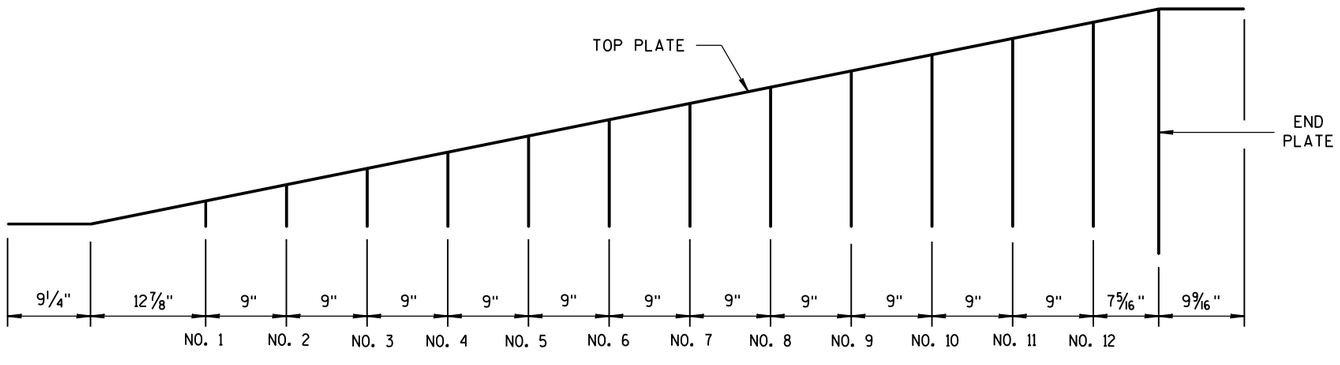
GUSSETS 1 - 12

ALL GUSSETS 1/8" STEEL PLATE

GUSSET DIMENSIONS				
GUSSET NO.	A	B	C	D
1	2 7/8"	7 3/4"	1/4"	8
2	4 11/16 "	7 9/16 "	1/2"	8
3	6 1/2"	7 3/8"	11/16 "	8 1/16 "
4	8 5/16 "	7 3/16 "	7/8"	8 1/16 "
5	10 1/8"	7"	1 1/16 "	8 1/16 "
6	11 15/16 "	6 13/16 "	1 1/4"	8 1/16 "
7	13 3/4"	6 5/8"	1 7/16 "	8 1/16 "
8	15 9/16 "	6 7/16 "	1 9/16 "	8 1/16 "
9	17 3/8"	6 1/4"	1 13/16 "	8 1/16 "
10	19 3/16 "	6 1/16 "	1 15/16 "	8 1/16 "
11	21"	5 7/8"	2 3/16 "	8 1/16 "
12	22 13/16 "	5 11/16 "	2 5/16 "	8 1/16 "

SIDE PLATES, TOP PLATE, END PLATE AND GUSSETS ARE 12 GAUGE ASTM A36 STEEL AND GALVANIZED.

GUSSETS AND END PLATE ARE STITCH WELDED ON 3 SIDES. TWO TRIANGULAR SIDE PLATES ARE STITCH WELDED TO TOP PLATE, END PLATE AND GUSSETS.



GUSSET LOCATION

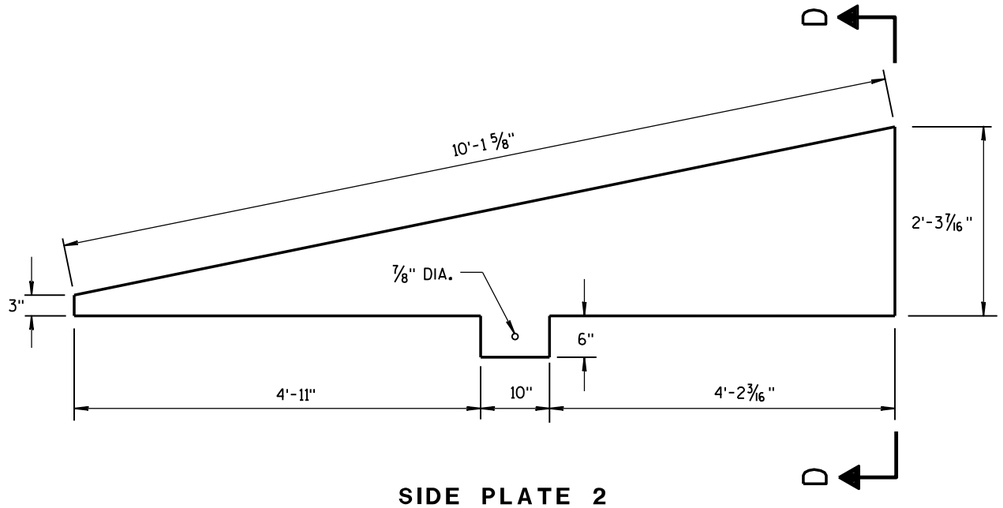
CAP DETAILS FOR TEMPORARY CONCRETE BARRIER TO 56" PERMANENT CONCRETE BARRIER

CONCRETE BARRIER
TEMPORARY PRECAST, 12'-6"

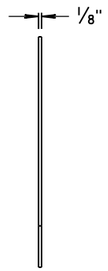
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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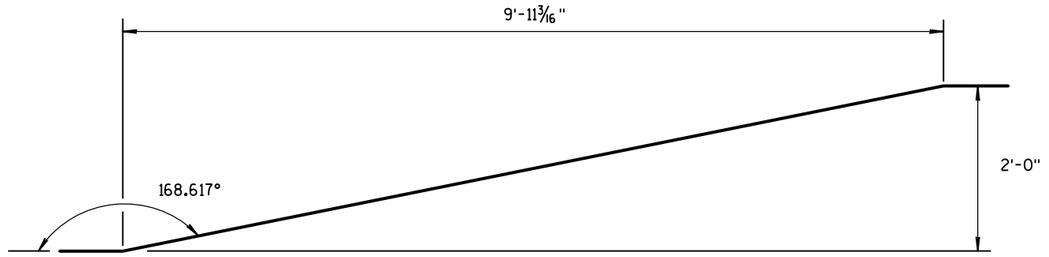
S.D.D. 14 B 7-14g



SIDE PLATE 2

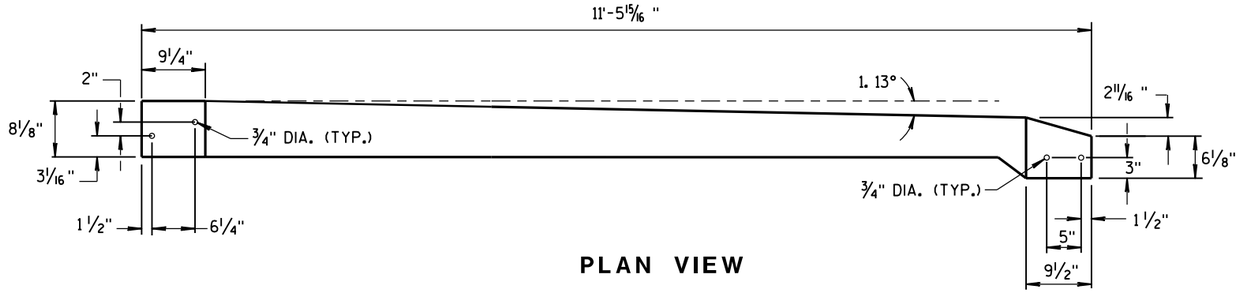


END VIEW



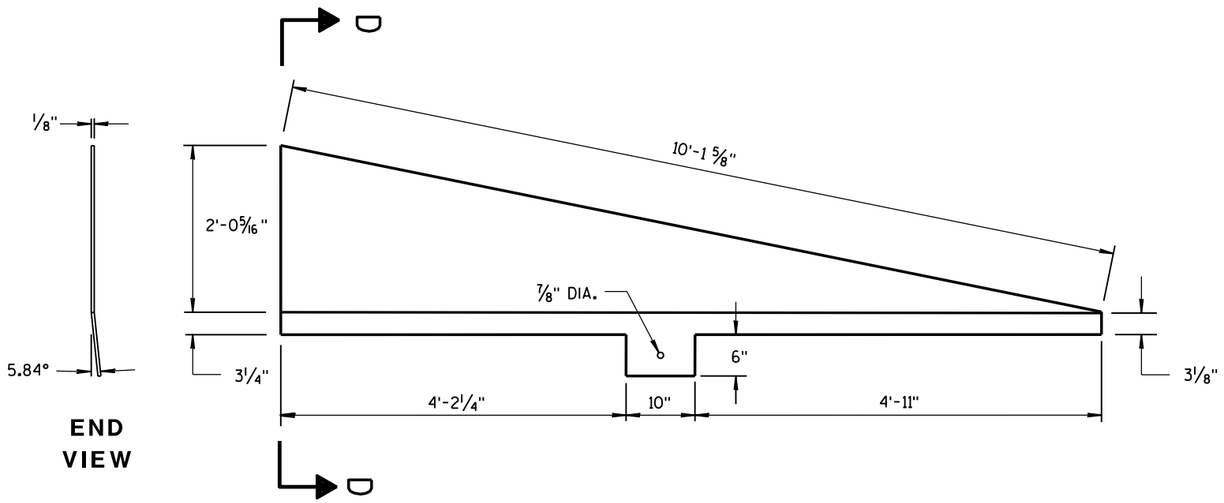
SIDE VIEW

TOP PLATE



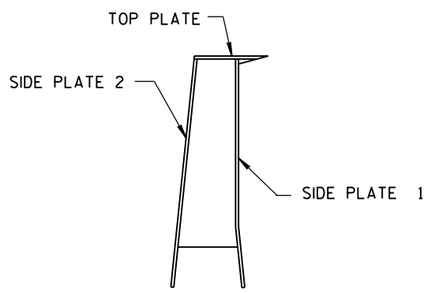
PLAN VIEW

TOP PLATE



END VIEW

SIDE PLATE 1



SECTION D-D

CAP DETAILS FOR TEMPORARY CONCRETE BARRIER TO 56" PERMANENT CONCRETE BARRIER

CONCRETE BARRIER
TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

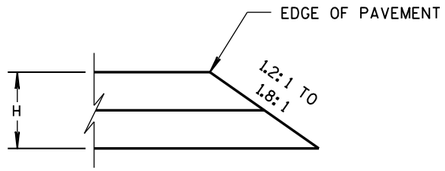
APPROVED
June 2014 — DATE
/S/ Jerry H. Zoaa — ROADWAY STANDARD DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 14 B 7-14h

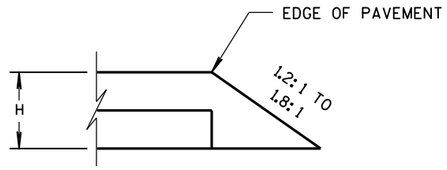
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S.D.D. 14 B 7-14h



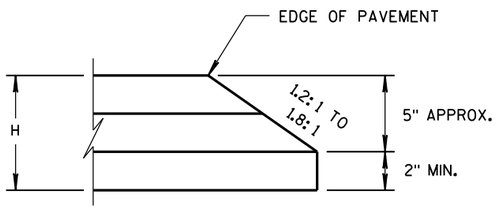
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



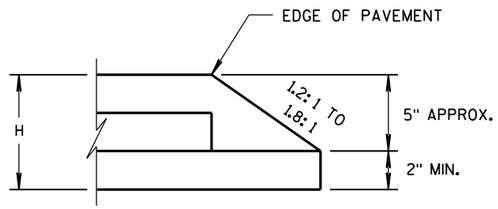
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

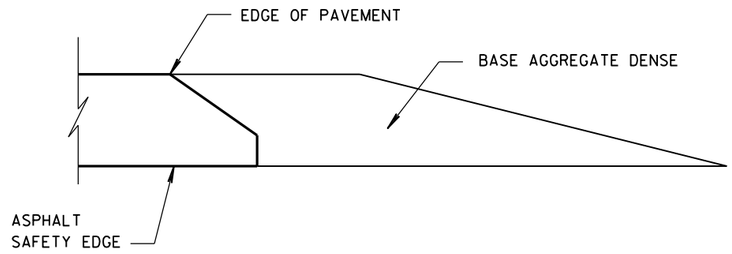
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

6

S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/2012
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

GENERAL NOTES

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

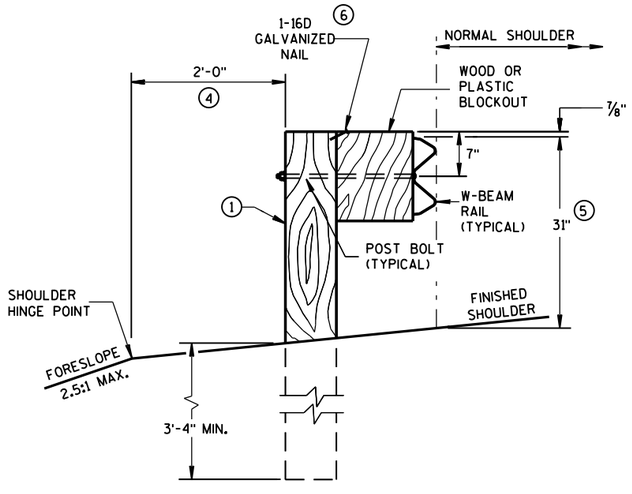
(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2½ INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

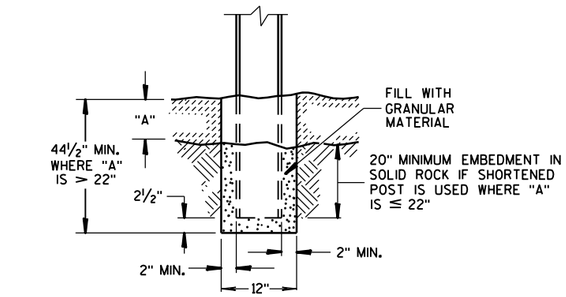
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ± 1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.



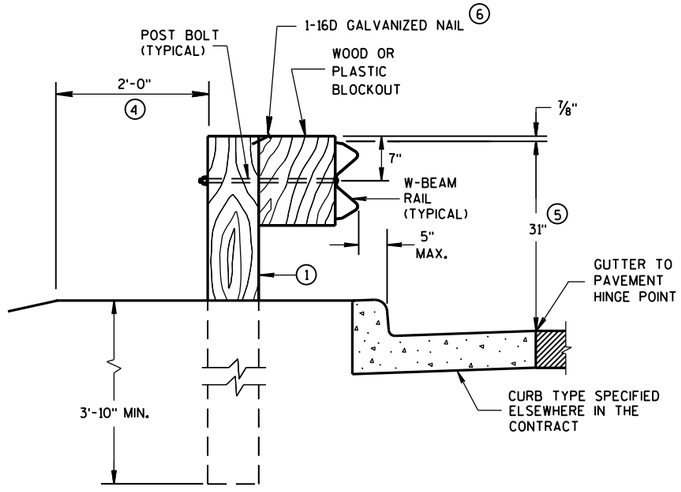
END VIEW

LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



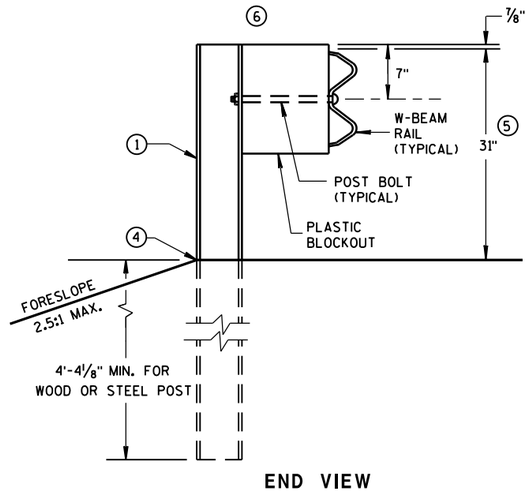
END VIEW

SETTING STEEL OR WOOD POST IN ROCK (3)



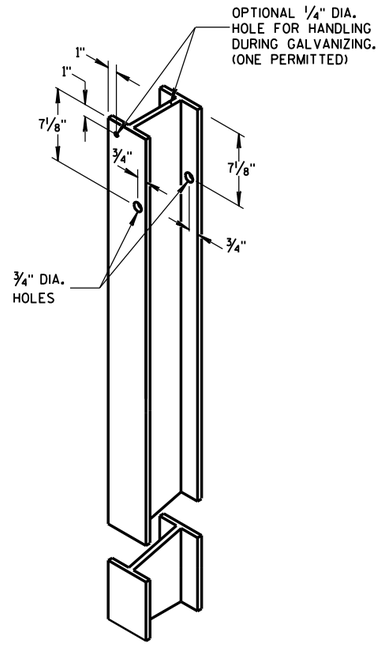
END VIEW

LOCATED ALONG A CURBED ROADWAY

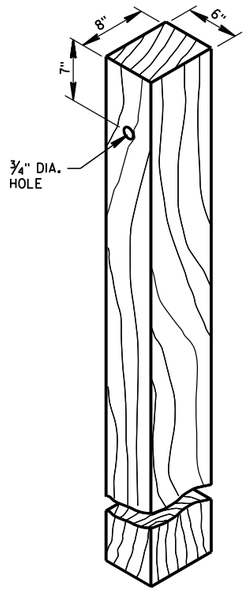


END VIEW

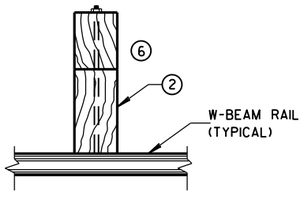
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



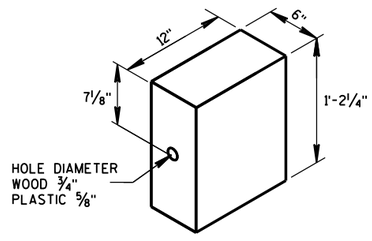
STEEL POST &
HOLE PUNCHING DETAIL
(w6X9) (1)



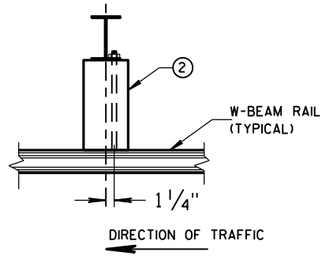
WOOD POST
(6" X 8") NOMINAL (1)



PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



WOOD OR
PLASTIC BLOCKOUT (2)

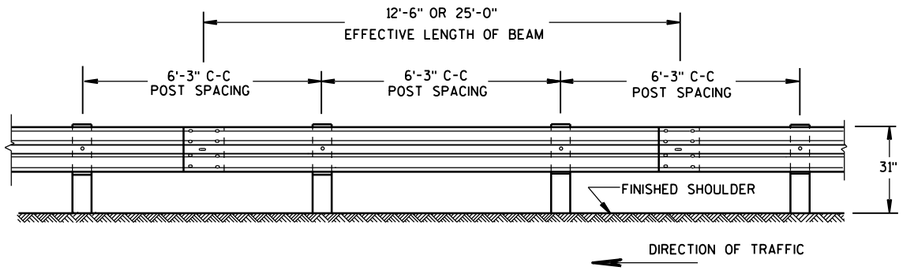


PLAN VIEW
STEEL POST,
PLASTIC BLOCKOUT & BEAM

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

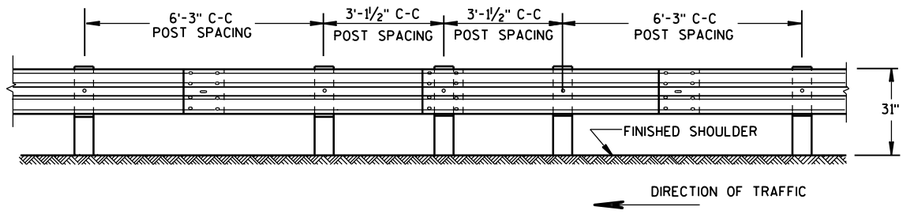
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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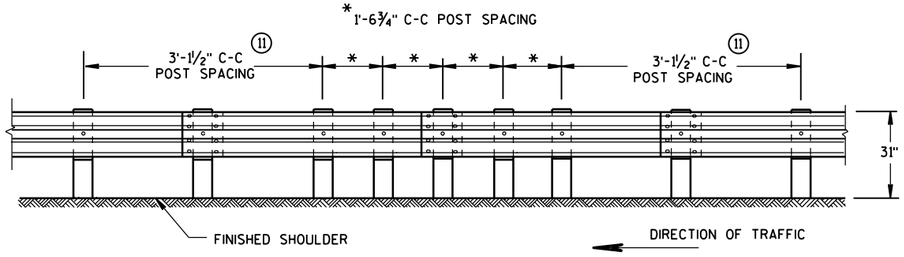
FRONT VIEW

POST SPACING STANDARD INSTALLATION



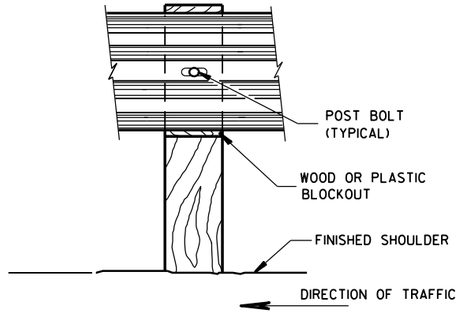
FRONT VIEW

HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)

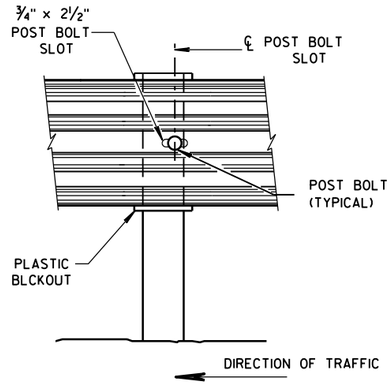


FRONT VIEW

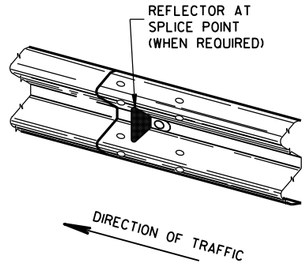
QUARTER POST SPACING (QS)

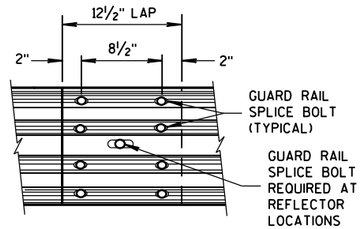


FRONT VIEW AT WOOD POST



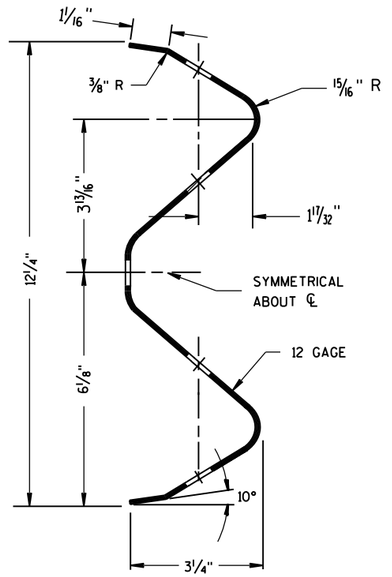
FRONT VIEW AT STEEL POST



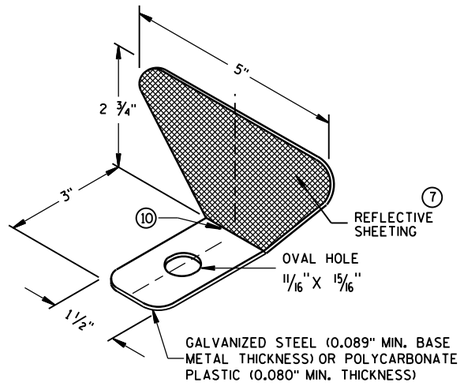


FRONT VIEW

MID-SPAN BEAM SPLICE



SECTION THRU W-BEAM RAIL



ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION ⑦

GENERAL NOTES

⑦ PROVIDE SILVER REFLECTIVE SHEETING ON ALL REFLECTORS EXCEPT THOSE LOCATED ALONG THE LEFT EDGE OF ONE-WAY ROADWAYS, WHICH SHALL BE PROVIDED WITH YELLOW REFLECTIVE SHEETING. SHEETING IS TYPE H. SEE STANDARD SPECIFICATION 637.

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL. RAIL SPLICE LOCATIONS ARE THE ONLY ACCEPTABLE LOCATIONS FOR REFLECTORS.

⑨ REVERSE EVERY OTHER REFLECTOR FOR 2-WAY VISIBILITY. THE CONTRACTOR MAY FURNISH TWO-SIDED REFLECTORS IN LIEU OF ONE-SIDED REFLECTORS.

⑩ PROVIDE AN ANGLE OF BEND OF 90° ± 1° FOR TWO-SIDED REFLECTORS.

⑪ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

REFLECTOR SPACING ⑧

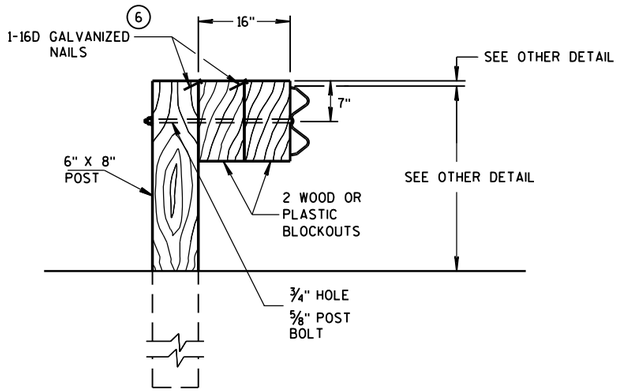
	BEAM GUARD LENGTH	REFLECTOR SPACING	NO. SURFACES REFLECTORIZED	MIN. NO. REFLECTORS
ONE WAY TRAFFIC	< 200' > 200'	50' C-C 100' C-C	1 1	3
TWO WAY TRAFFIC	< 200' > 200'	25' C-C 50' C-C	1 ⑨ 1	6
TWO WAY TRAFFIC	< 200' > 200'	50' C-C 100' C-C	2 2 ⑩	3

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

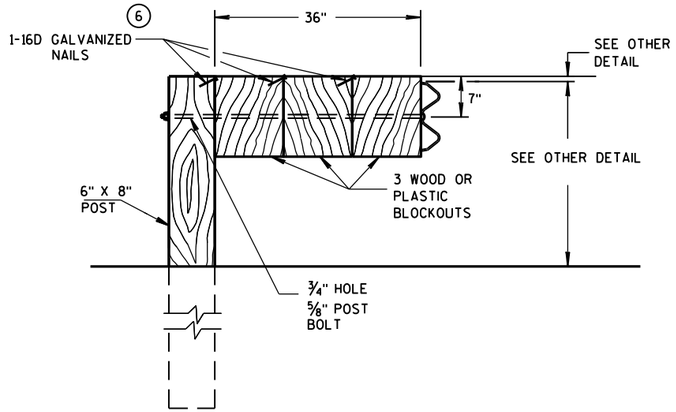
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DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

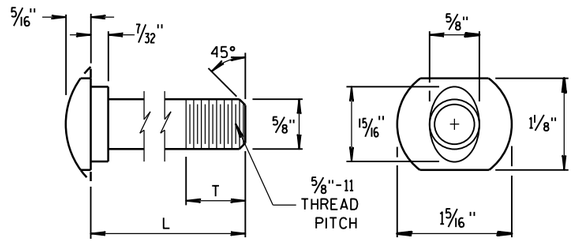


DETAIL FOR 36" BLOCKOUT DEPTH

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

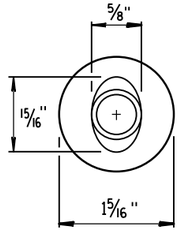
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

NOTE: 1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 1/16".
2. IF THE BOLT EXTENDS MORE THAN 1/4" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

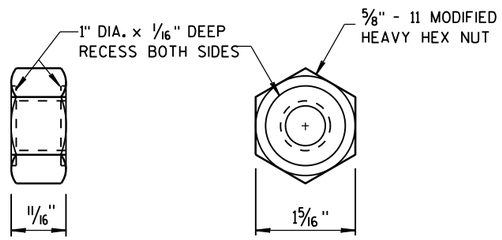


POST BOLT TABLE

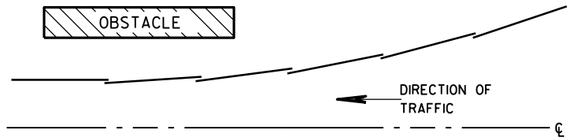
L	T (MIN.)
1 1/4"	1 1/8"
2"	1 3/4"
10"	4"
14"	4 1/16"
18"	4"
21"	4 1/16"
25"	4"



ALTERNATE BOLT HEAD

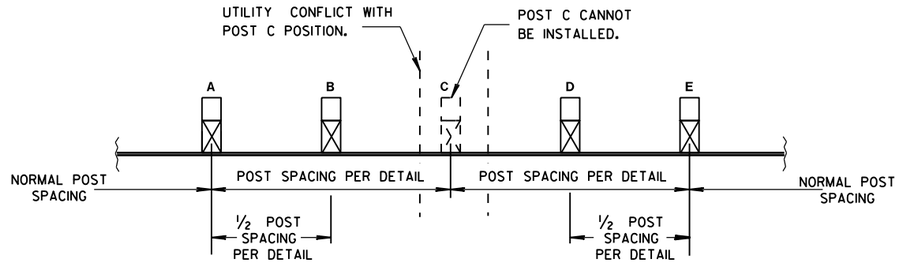


POST BOLT AND RECESS NUT

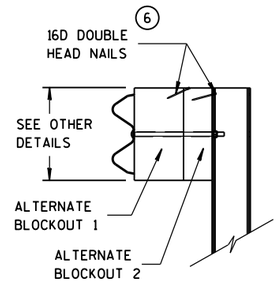


PLAN VIEW

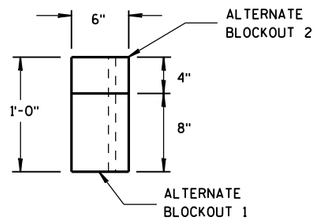
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



SIDE VIEW



TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2014
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER
FHWA

6
S.D.D. 14 B 42-3c

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL), AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED.

(C) DIFFERENT MANUFACTURES REQUIRE DIFFERENT PERFORATED W-BEAM RAIL END PANELS. SEE MANUFACTURES INFORMATION.

(D) THE TOP OF THE STEEL TUBE ON POST 1 AND POST 2 SHALL NOT BE MORE THAN 3" ABOVE THE FINISH GROUND ELEVATION.

(F) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF-TAPPING SCREWS. ONE SCREW PER CORNER.

(G) ½" DIAMETER X 3" LONG LAG BOLT AND WASHER.

(H) HARDWARE VARIES BETWEEN DIFFERENT MANUFACTURES. SEE MANUFACTURE'S DRAWING FOR INFORMATION.

(I) DIMENSIONS MAY VARY. SEE MANUFACTURE'S INFORMATION.

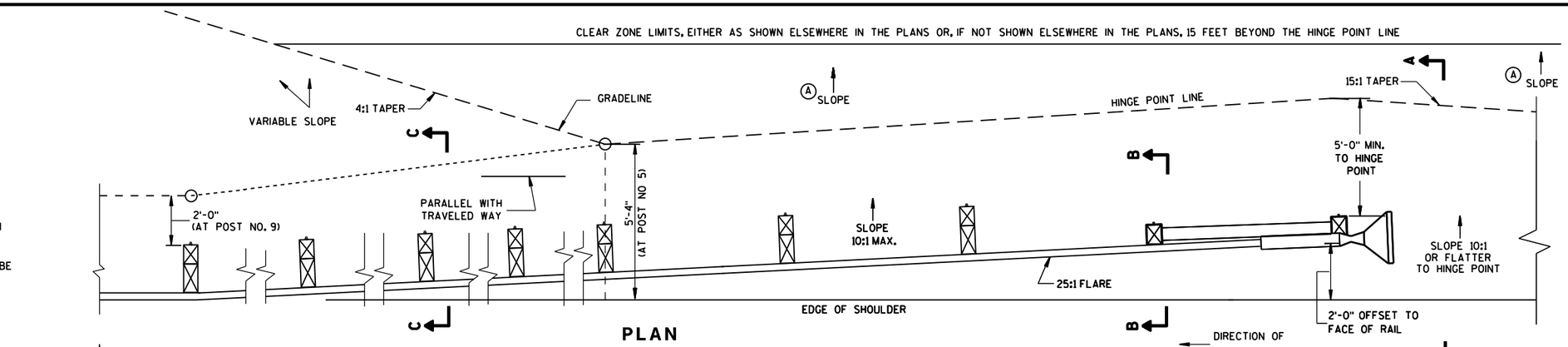
SEE SDD 14B42 FOR MORE INFORMATION.

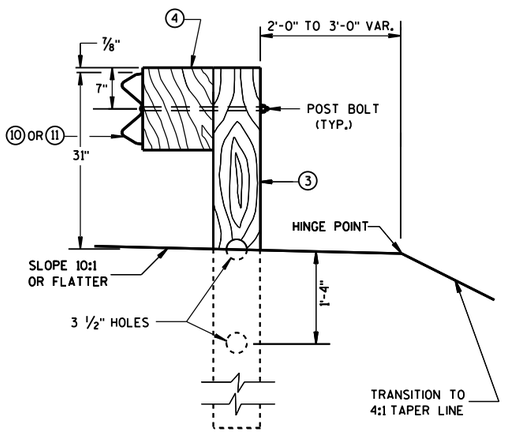
* DO NOT ATTACH BLOCKOUTS TO POSTS 1 AND 2.

DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

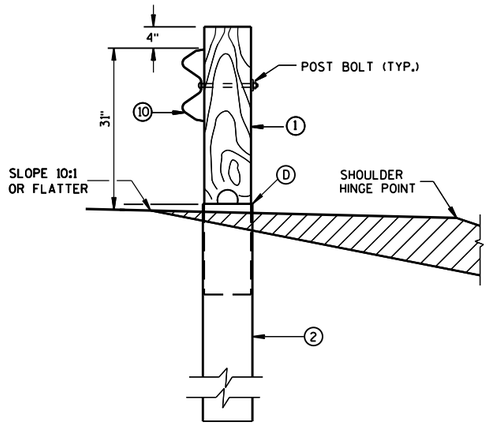
W-BEAM RAIL SPLICES ARE LOCATED AT POST NUMBER 3, AND BETWEEN POST 5 AND 6, BETWEEN POSTS 7 AND 8, AND MIDDLE OF THE SPAN AFTER POST 9.

THE CENTER OF THE UPPER 3½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE.

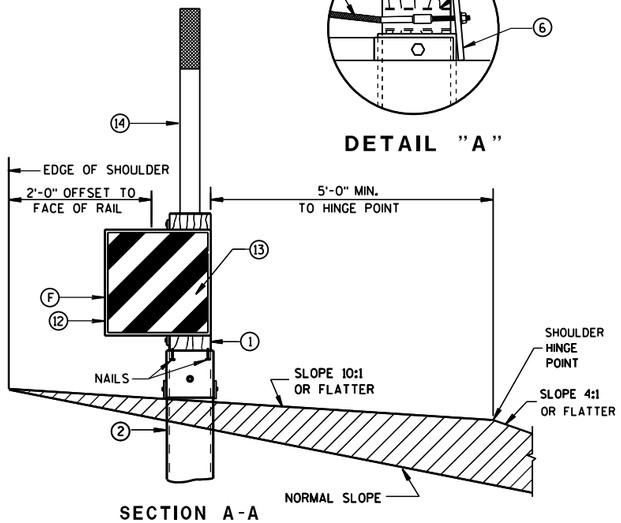




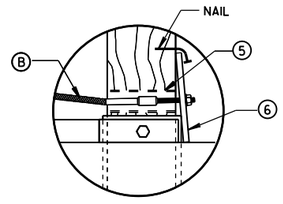
SECTION C-C
TYPICAL AT POST NOS. 3-9



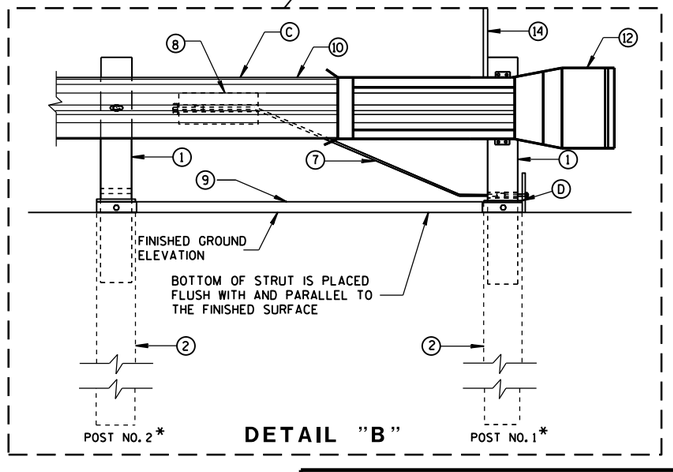
SECTION B-B
TYPICAL AT POST NO. 2*



SECTION A-A
TYPICAL AT POST NO. 1*



DETAIL "A"



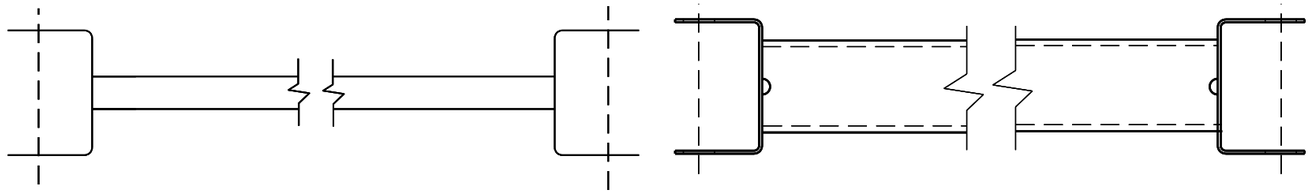
DETAIL "B"

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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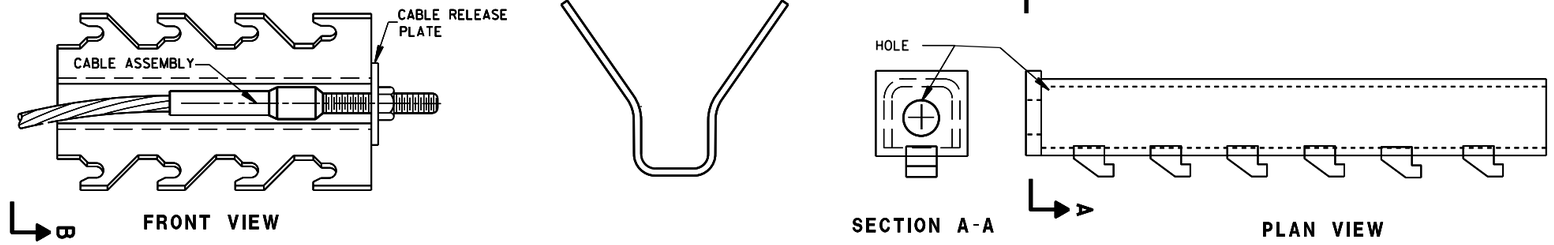


(9) (H)

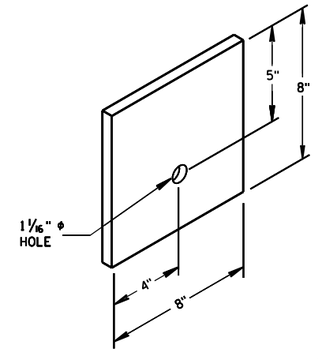
GENERIC GROUND STRUT

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUFACTURER'S DETAILS FOR MORE INFORMATION.
(1)	WOOD BREAKAWAY POST
(2)	6" X 8" X 0.188", 6'-0" LONG FOUNDATION TUBE AT POSTS 1 AND 2
(3)	WOOD CRT
(4)	WOOD BLOCKOUT
(5)	PIPE SLEEVE
(6)	BEARING PLATE
(7)	BCT CABLE ASSEMBLY
(8)	ANCHOR CABLE BOX
(9)	GROUND STRUT
(10)	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
(11)	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
(12)	END SECTION EAT
(13)	0.040" ALUMINUM SHEET WITH REFLECTIVE SHEETING TYPE F PER SECTION 637 OF THE STANDARD SPECIFICATIONS
(14)	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)



GENERIC ANCHOR CABLE BOX (8) (H)



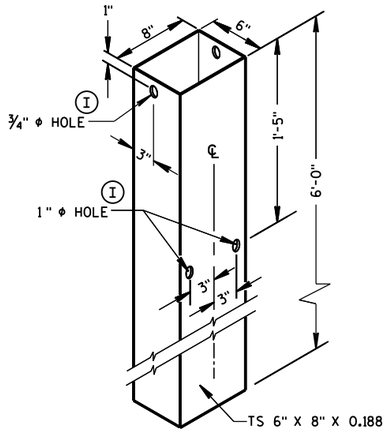
BEARING PLATE (6)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

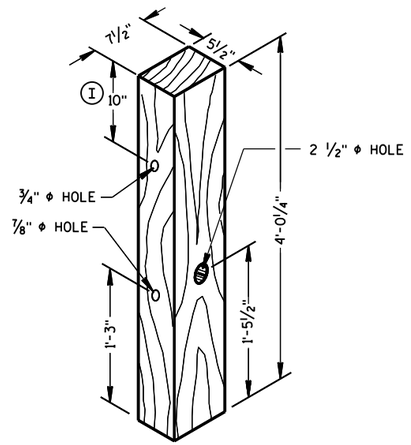
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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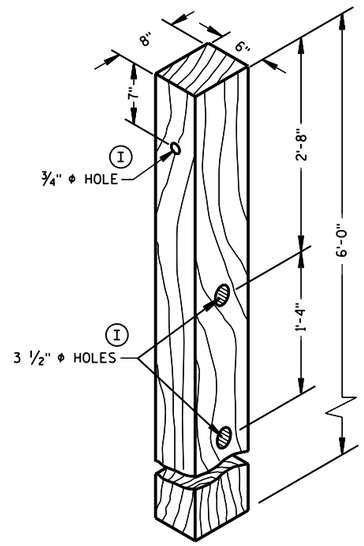


FOUNDATION TUBE (2)



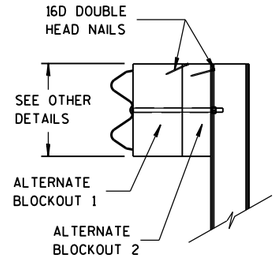
POSTS NUMBER 1 AND 2

WOOD BREAKAWAY POST (1)

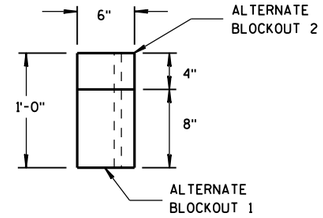


POSTS NUMBER 3-9

WOOD CRT POST (3)

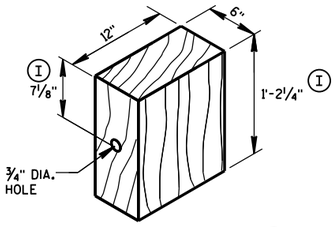


SIDE VIEW



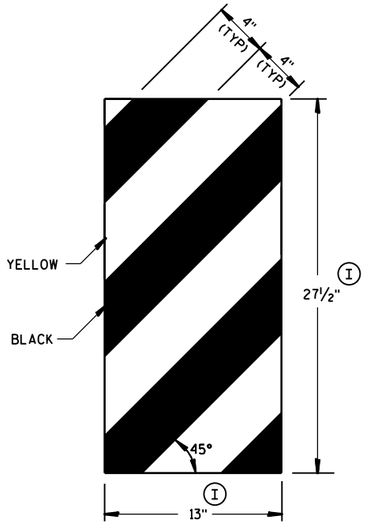
TOP VIEW

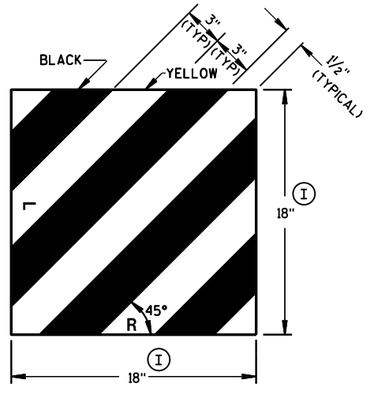
ALTERNATE WOOD BLOCKOUT DETAIL



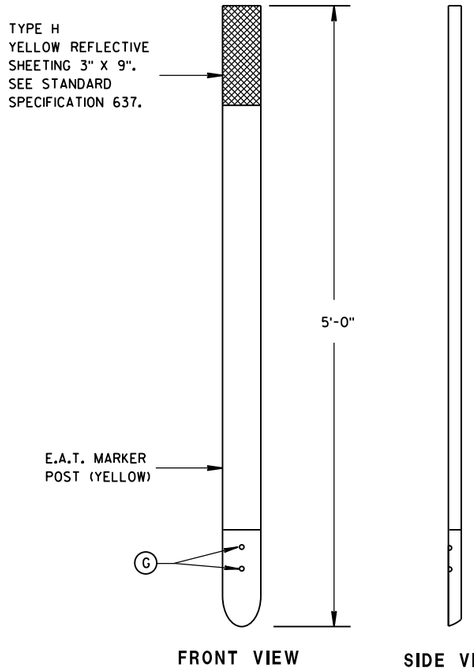
WOOD BLOCKOUT (4)

REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2





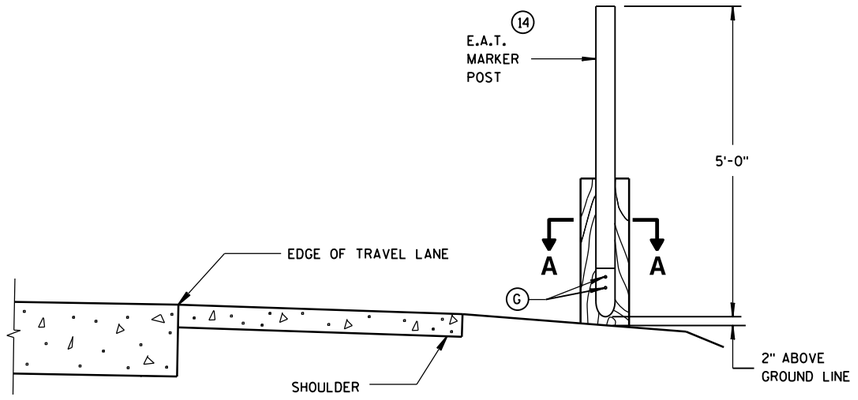
GENERIC REFLECTIVE SHEETING (13) (H)



FRONT VIEW

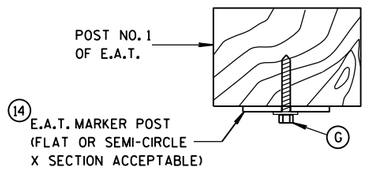
SIDE VIEW

E.A.T. MARKER POST (14)



TYPICAL INSTALLATION OF E.A.T. MARKER POST BACKSIDE OF POST NO. 1

(E.A.T. AND RAIL REMOVED FOR CLARITY)



SECTION A-A

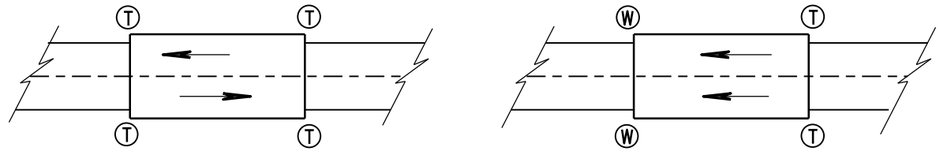
MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2014 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

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S.D.D. 14 B 44-2c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

Ⓣ THRIE BEAM CONNECTION

Ⓦ W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

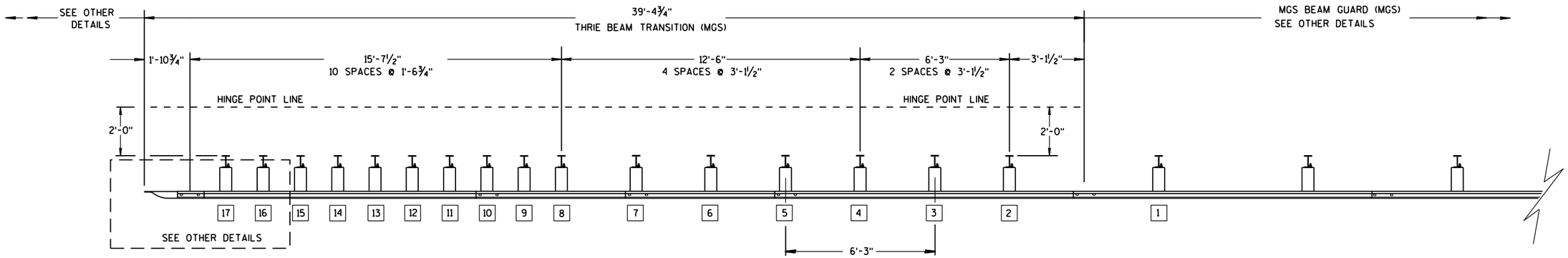
IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

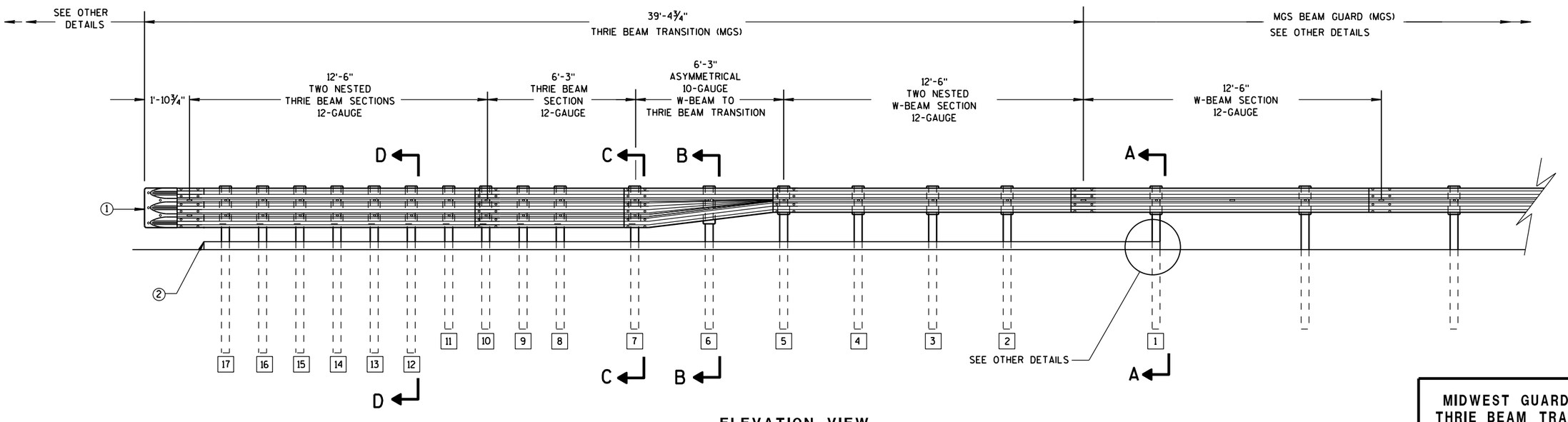
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

① BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 14 B 45-4a

6

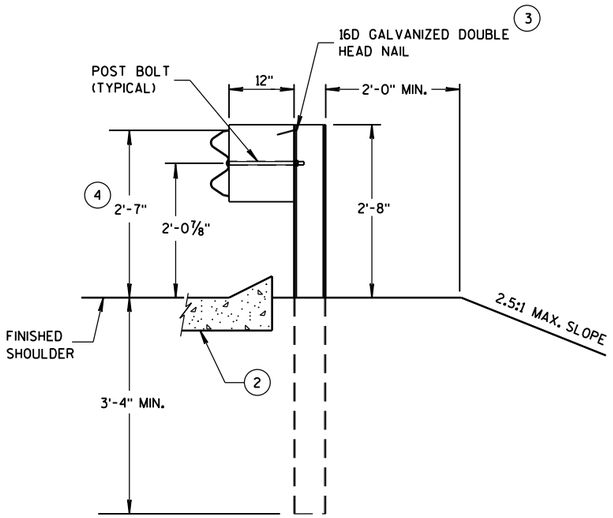
S.D.D. 14 B 45-4a

GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE_FEATURE SEE PLAN FOR INFORMATION.

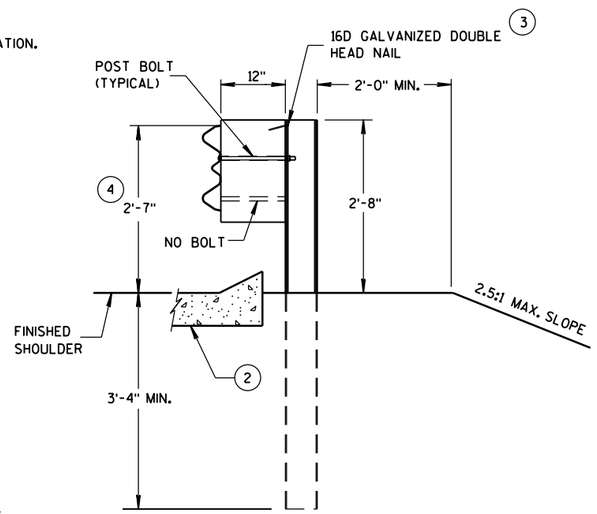
(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".



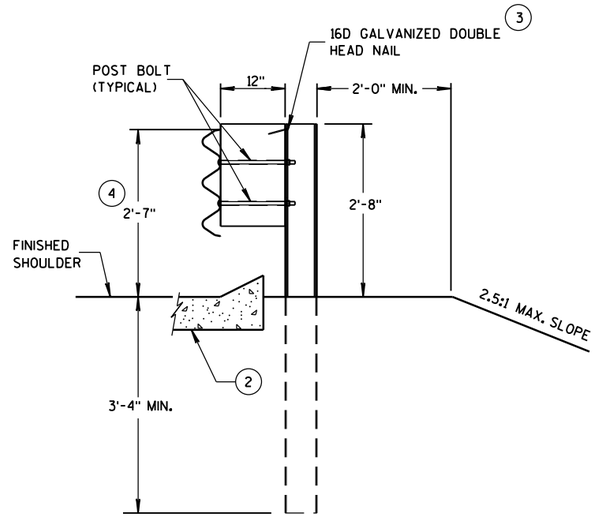
SECTION A-A

POSTS 1-5



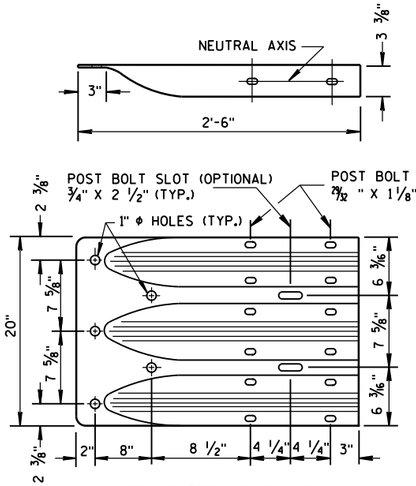
SECTION B-B

POST 6



SECTION C-C

POSTS 7-11



THRIE BEAM TERMINAL CONNECTOR

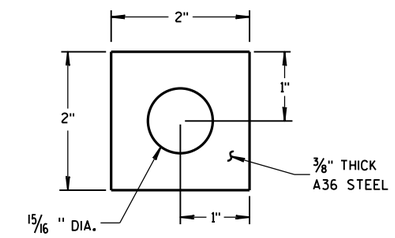
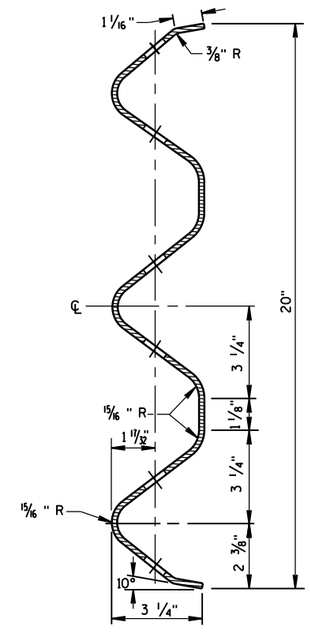
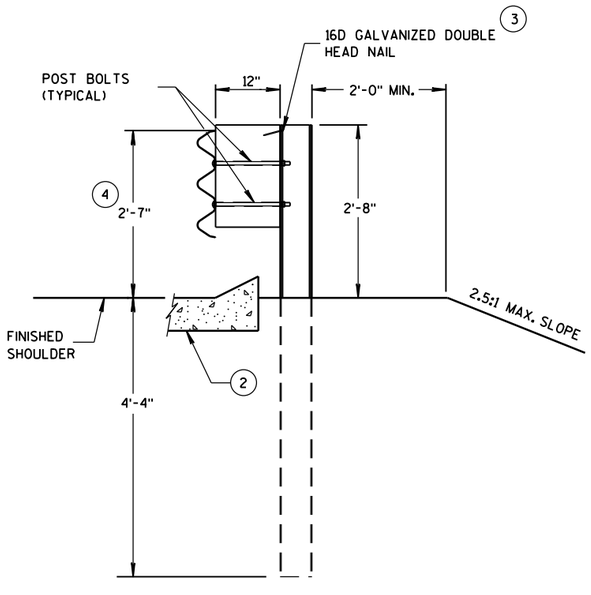


PLATE WASHER DETAIL

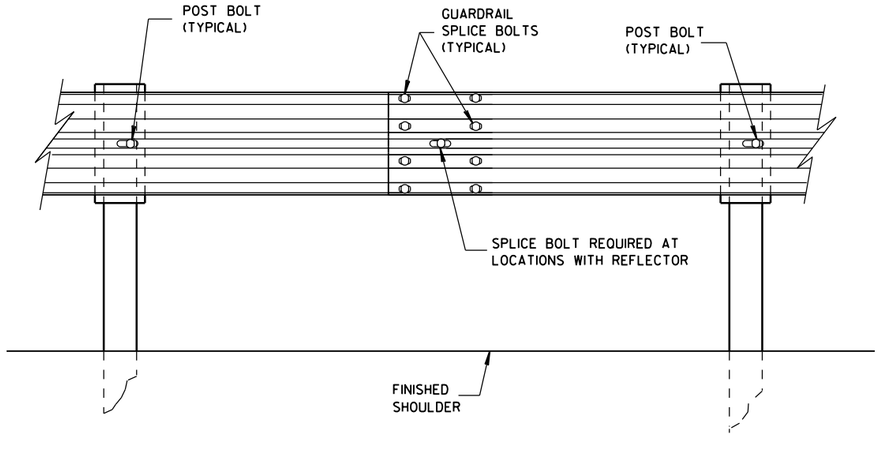


SECTION THRU THRIE BEAM RAIL ELEMENT



SECTION D-D

POSTS 12-17



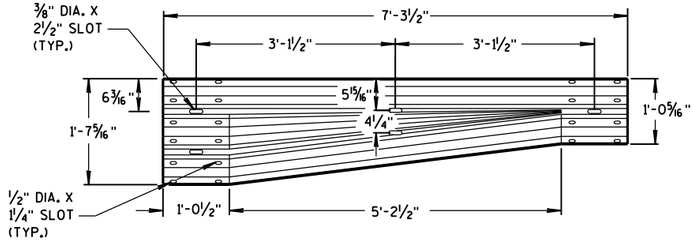
SPLICE DETAIL

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

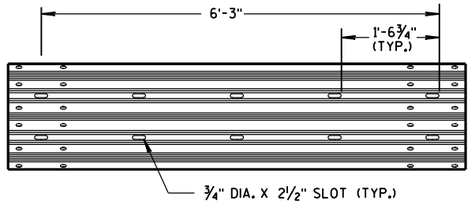
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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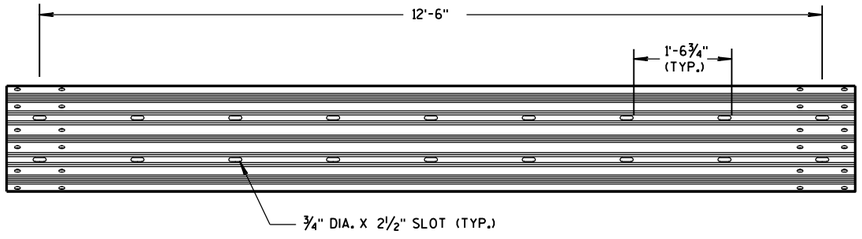
S.D.D. 14 B 45-4b



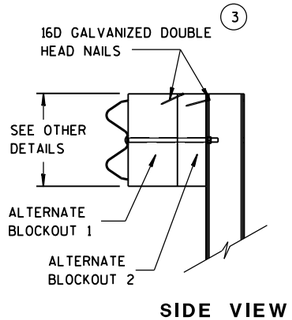
W-BEAM TO THRIE BEAM TRANSITION SECTION



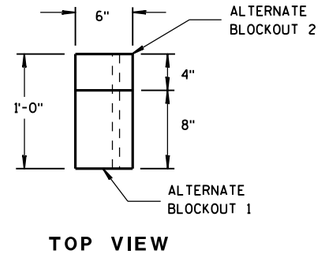
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

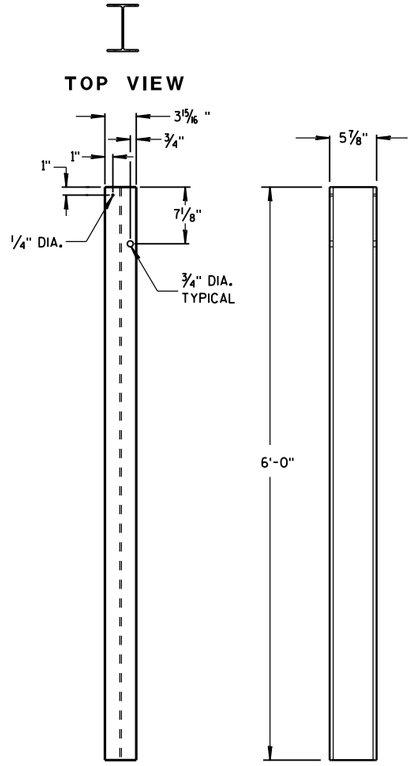


SIDE VIEW

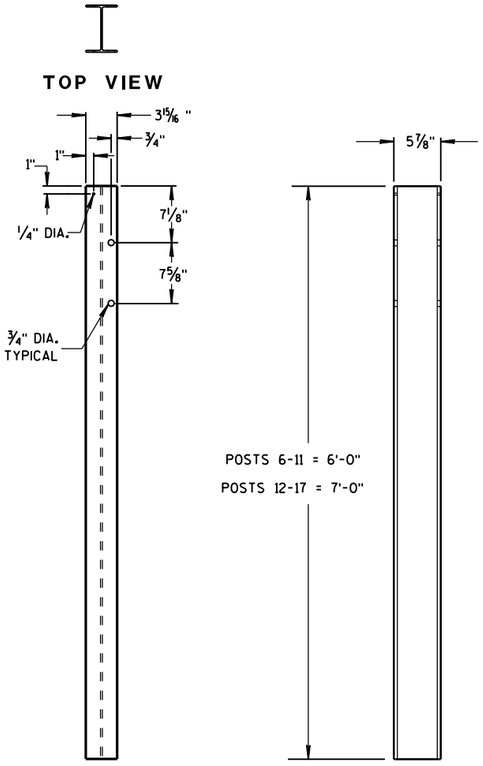


TOP VIEW

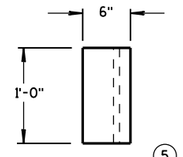
ALTERNATE WOOD BLOCKOUT DETAIL



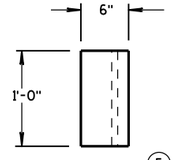
STEEL POSTS 1-5



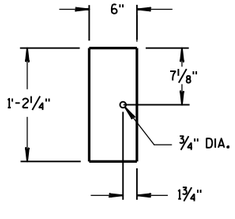
STEEL POSTS 6-17



TOP VIEW (5)

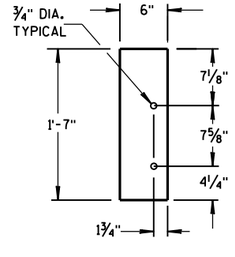


TOP VIEW (5)



FRONT VIEW

BLOCKOUT POSTS 1-5



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

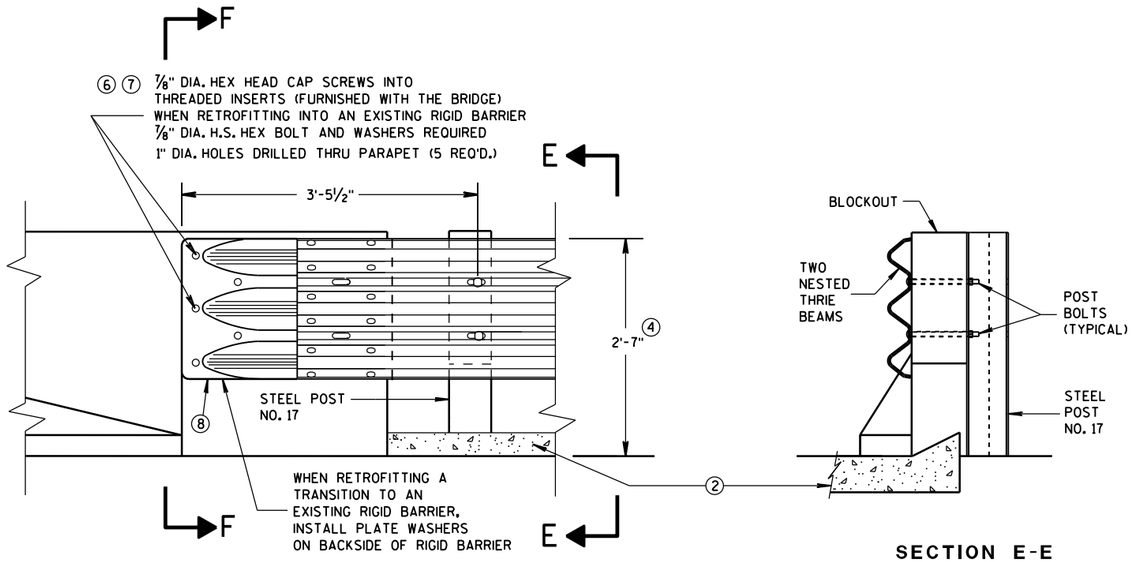
(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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S.D.D. 14 B 45-4c



FRONT VIEW

SECTION E-E

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

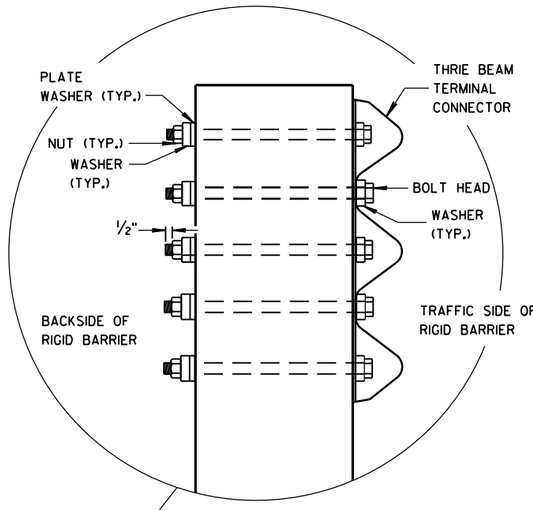
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

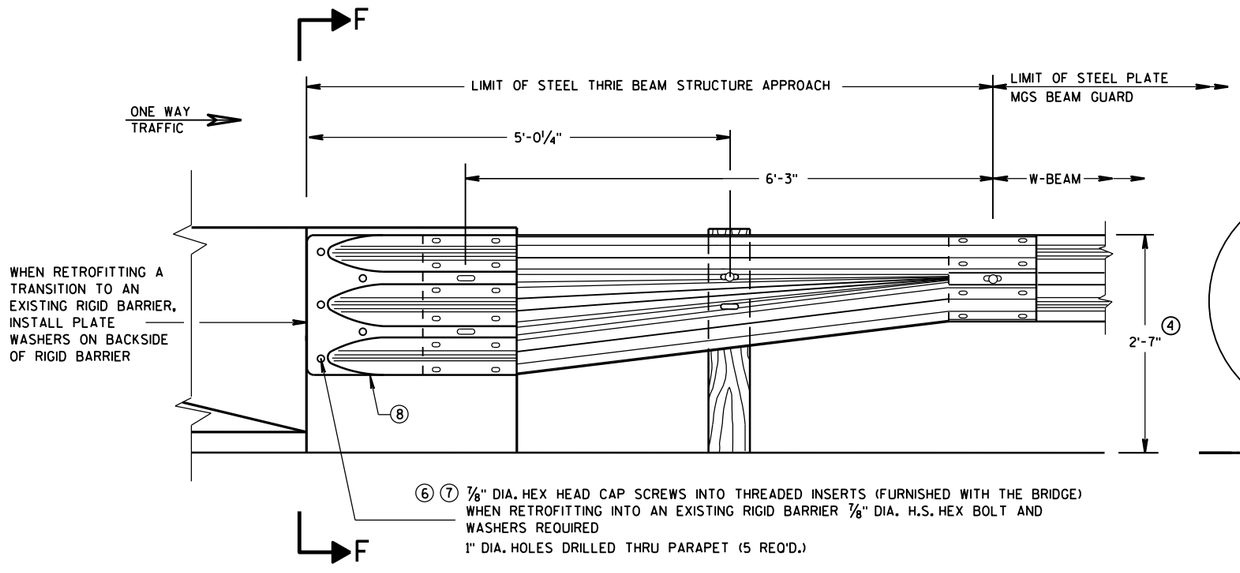
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

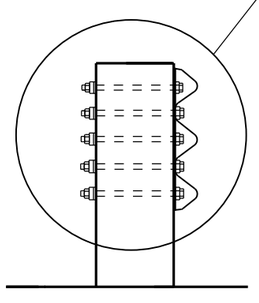
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

⑧ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

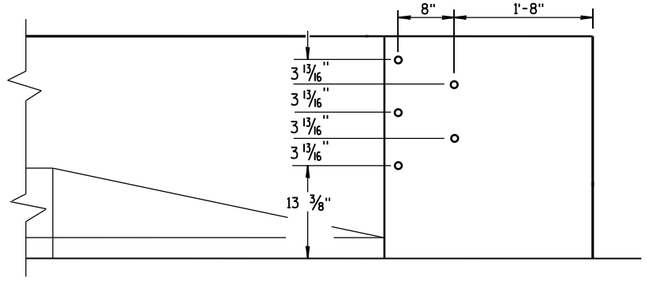




FRONT VIEW



SECTION F-F



DRILL HOLE LOCATION

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA
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S.D.D. 14 B 45-4d

6

S.D.D. 14 B 45-4d

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

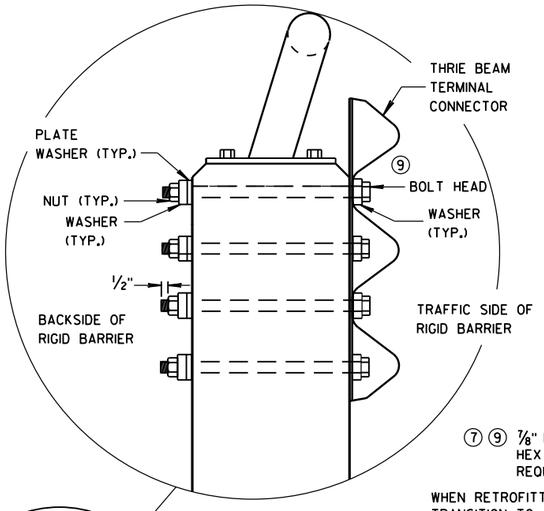
(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

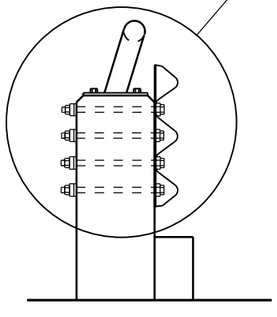
(6) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

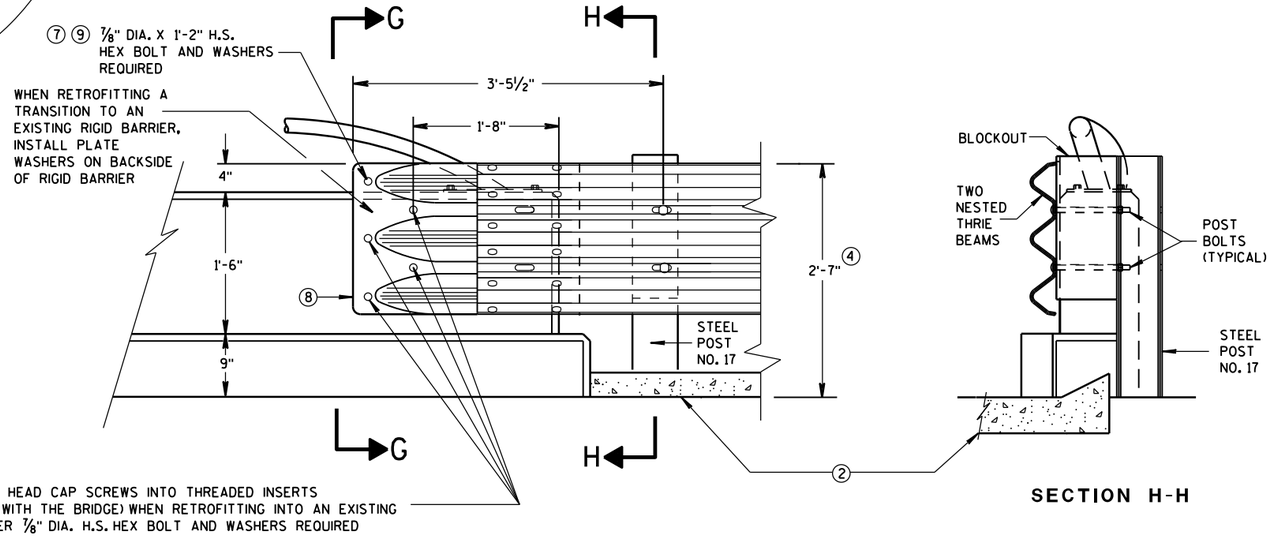
(8) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

(9) BOLT, NUT AND WASHERS NOT REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PAPAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE EDGE OF PARAPET.





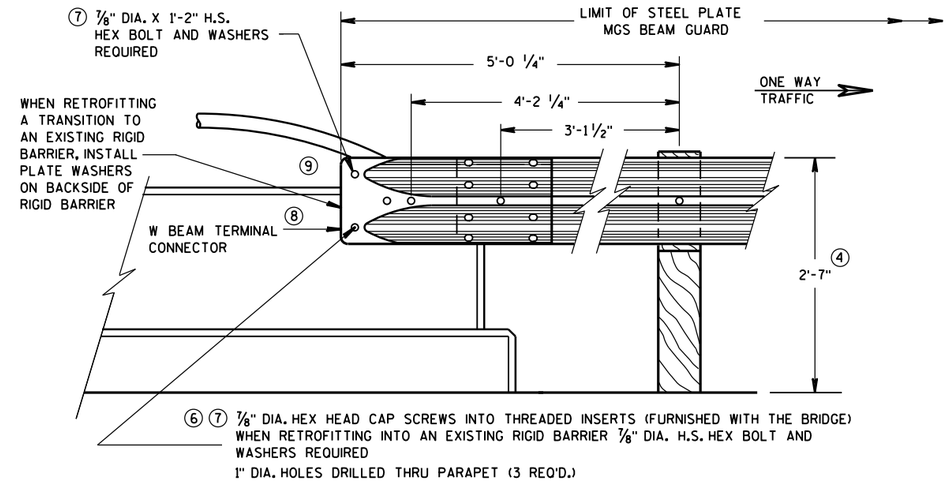
SECTION G-G



FRONT VIEW

SECTION H-H

THRIE BEAM CONNECTION TO VERTICAL FACED PARAPETS



FRONT VIEW

W BEAM CONNECTION TO VERTICAL FACE PARAPET

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

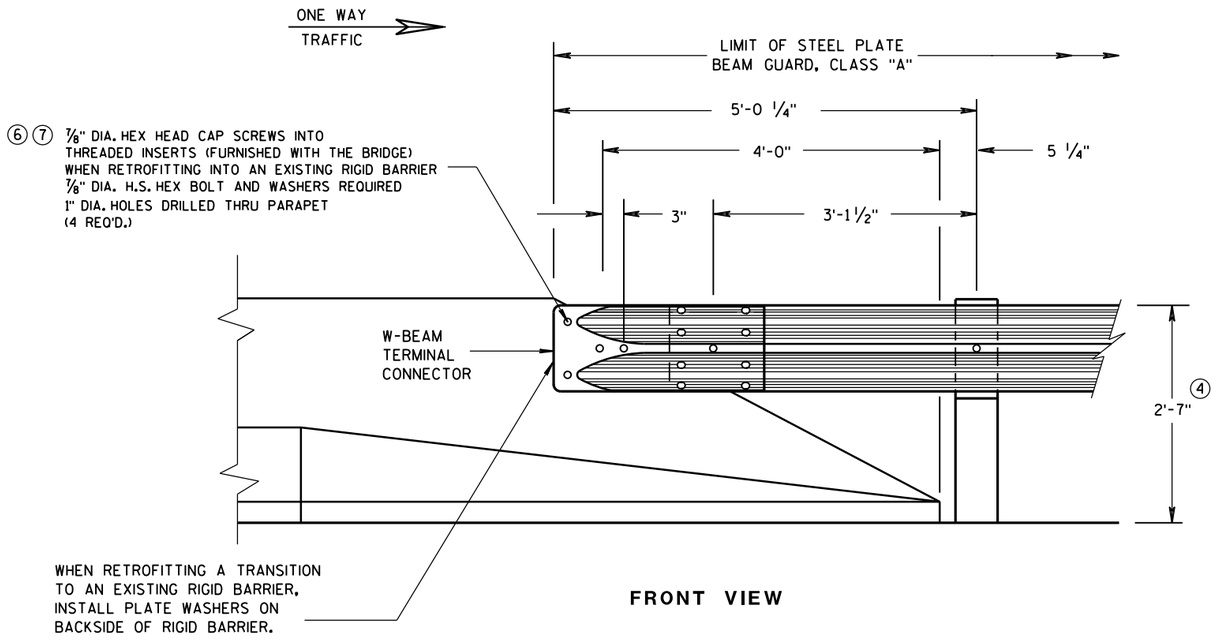
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
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S.D.D. 14 B 45-4e



FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

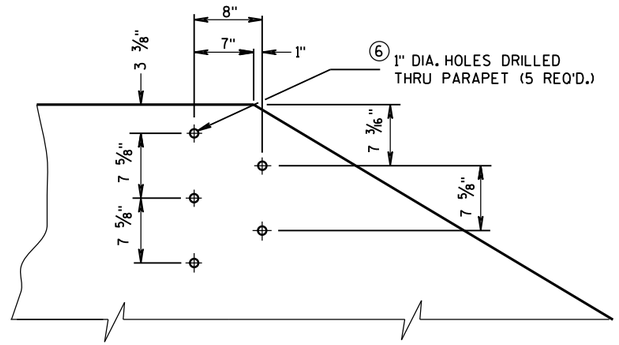
GENERAL NOTES

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

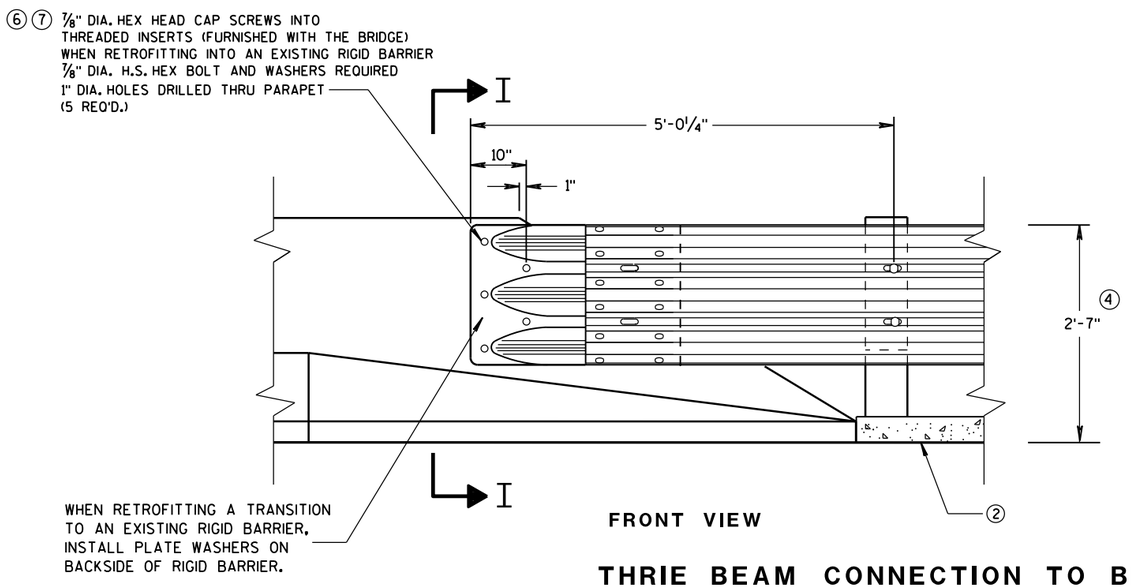
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

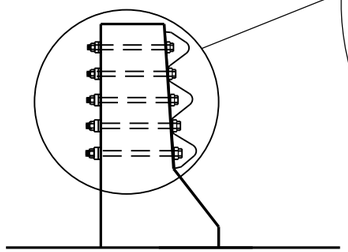
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



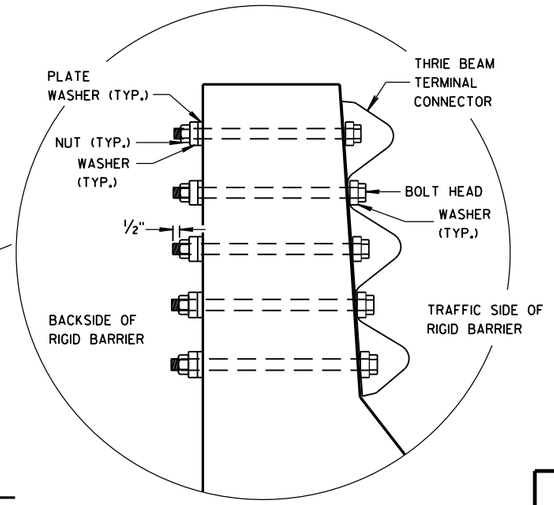
DRILL HOLE LOCATION AND PATTERN
FOR THRIE BEAM CONNECTION



FRONT VIEW



SECTION I-I



THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

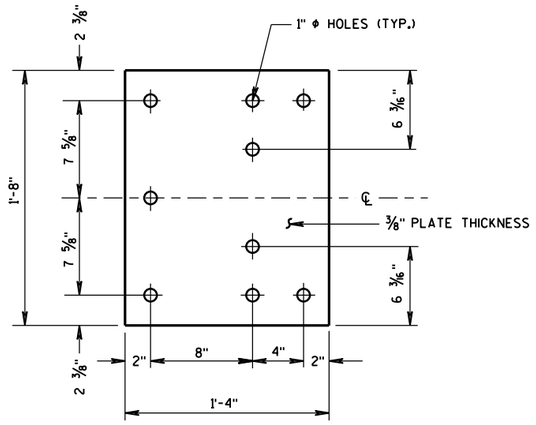
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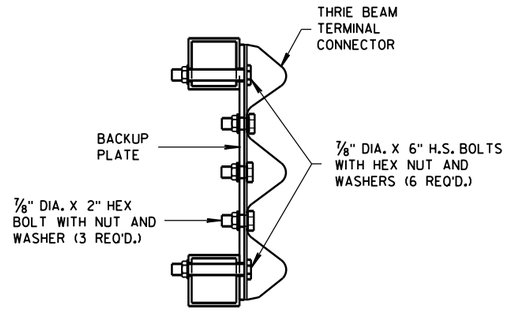
S.D.D. 14 B 45-4f

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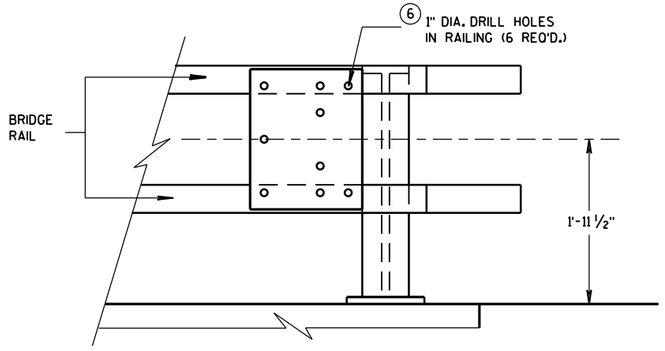
S.D.D. 14 B 45-4f



BACK-UP PLATE DETAIL



SECTION J-J

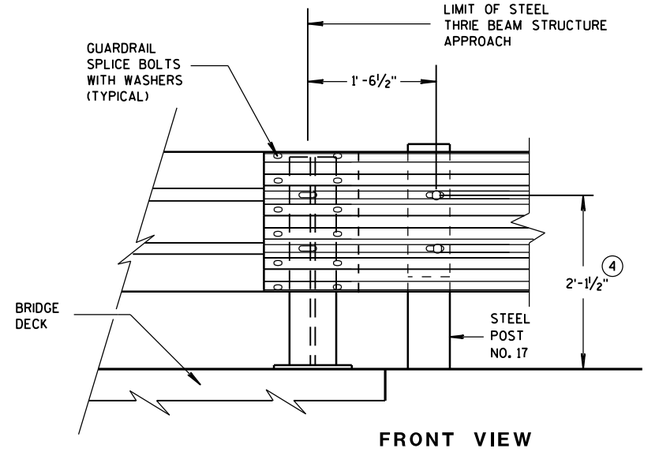


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

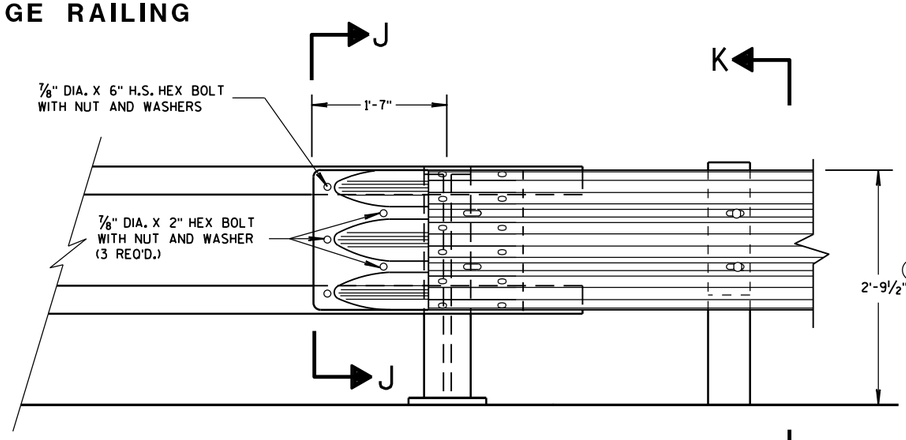
4 TOLERANCE FOR TOP OF BEAM IS ± 1".

6 DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

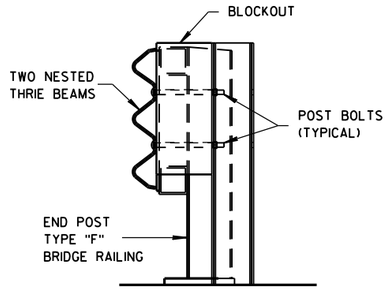


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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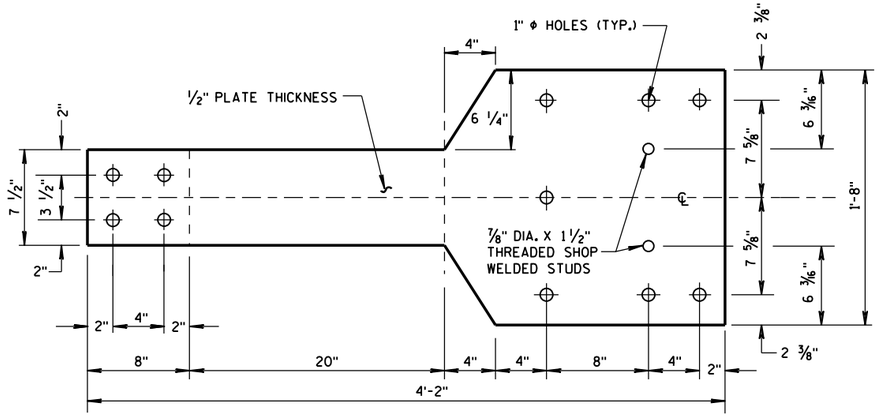
S.D.D. 14 B 45-4g

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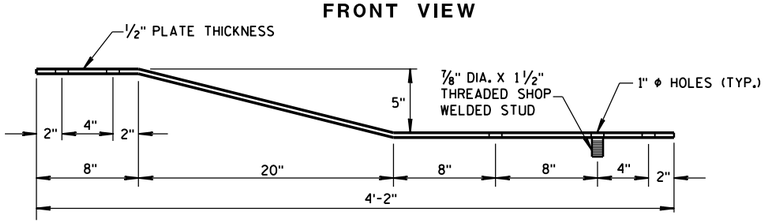
S.D.D. 14 B 45-4g

GENERAL NOTES

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

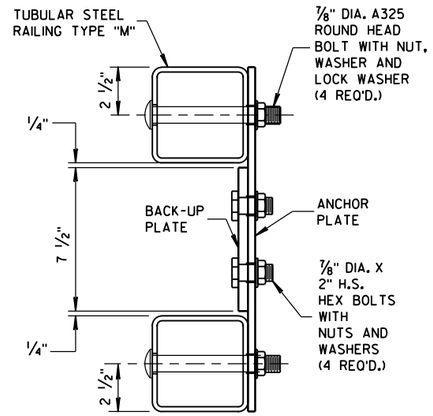


FRONT VIEW

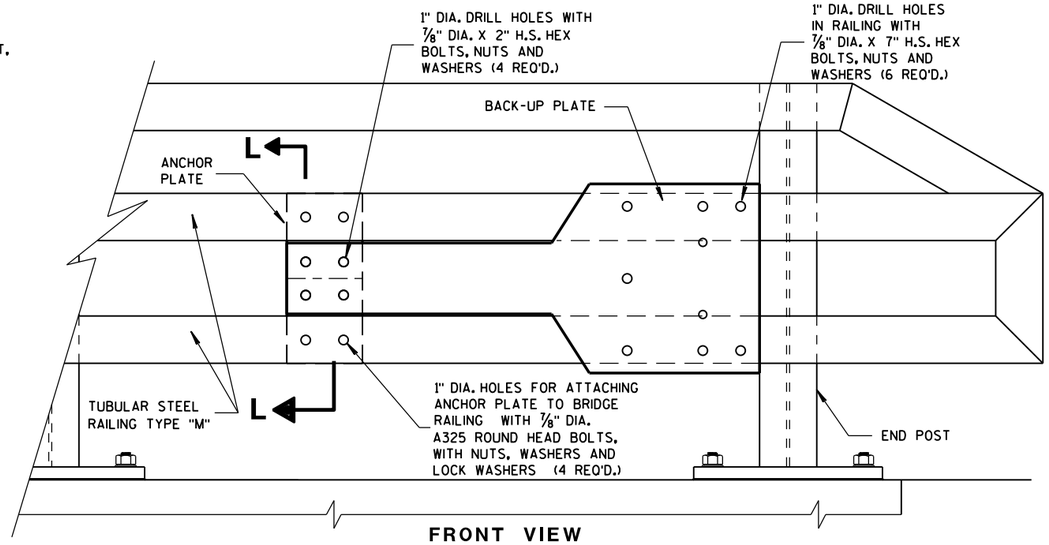


PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

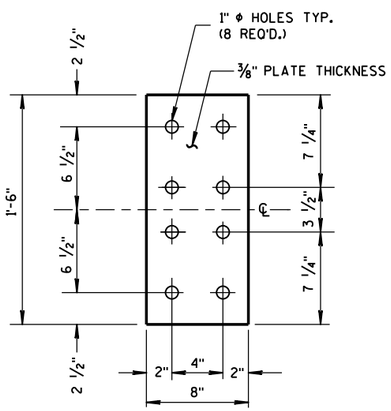


SECTION L-L



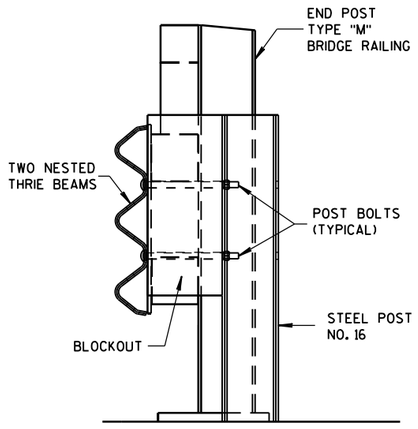
FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"

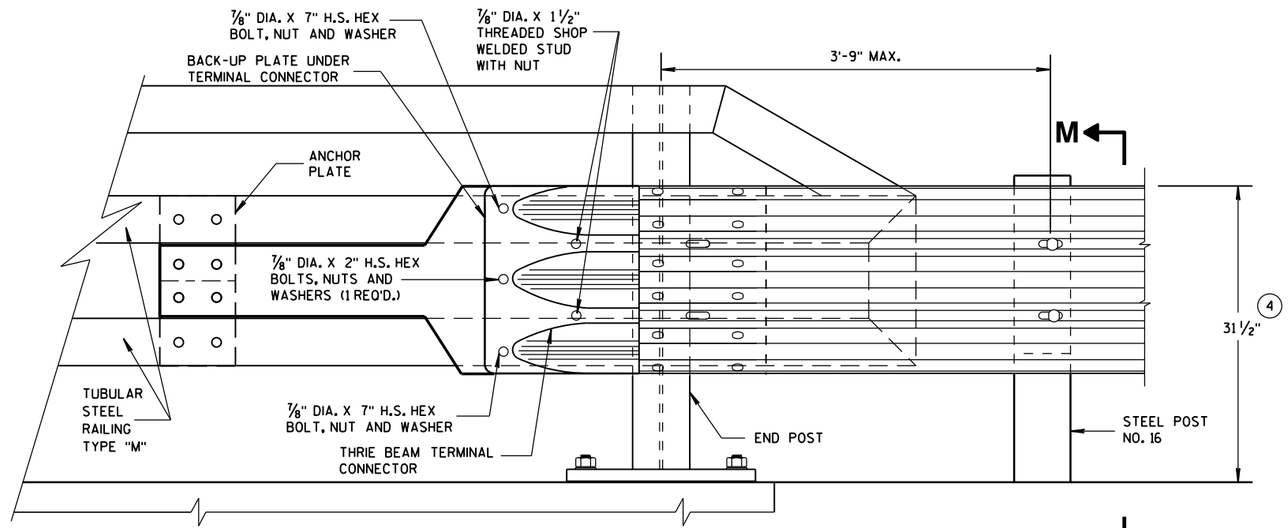


FRONT VIEW

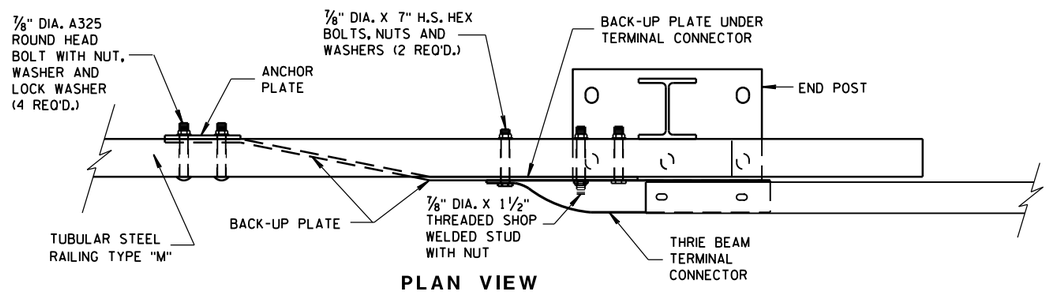
ANCHOR PLATE DETAIL, TYPE "M"



SECTION M-M



FRONT VIEW



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

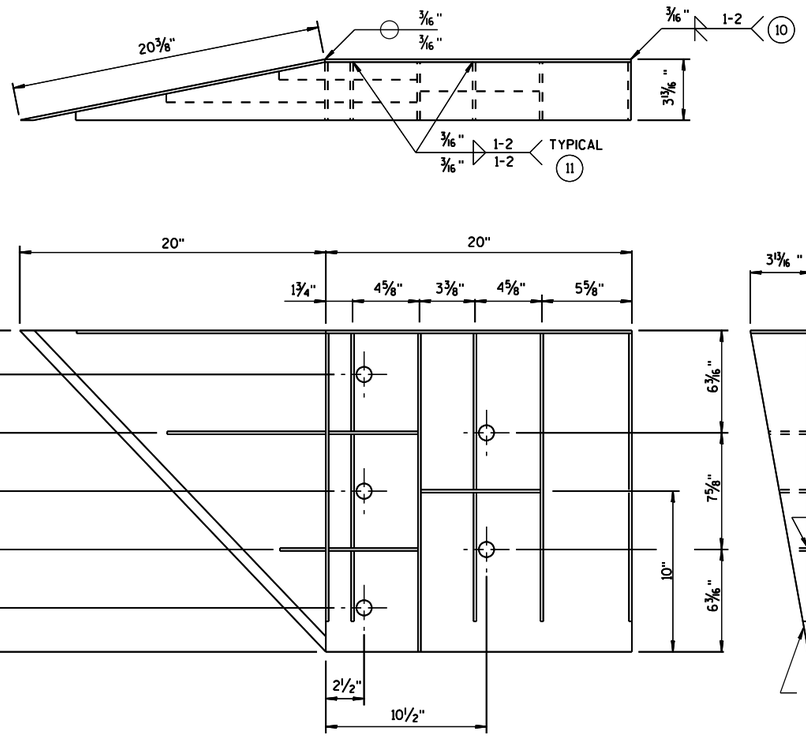
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S.D.D. 14 B 45-4h

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S.D.D. 14 B 45-4h



WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

GENERAL NOTES

COVER PLATE PANELS ARE 3/16" THICK.

ALL STIFFENERS ARE 1/4" THICK.

CONNECTOR PLATE SHALL BE FABRICATED FROM ASTM GRADE A36 STEEL AND GALVANIZED.

FOR GALVANIZED REQUIREMENTS, SEE SECTION 614 OF THE STANDARD SPECIFICATIONS.

ALL HOLE DIAMETERS SHALL BE 1".

FOR OPPOSITE SIDE INSTALLATION MIRROR DRAWINGS.

(10) STIFFENERS LOCATED AT THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS:
SINGLE BEVEL GROOVE WELD ON EXTERNAL SIDES AND 3/16" FILLET WELD BY 1" LONG SPACED AT 2" ON INTERNAL SIDES.

(11) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
3/16" FILLET WELD BY 1" LONG SPACED AT 2".

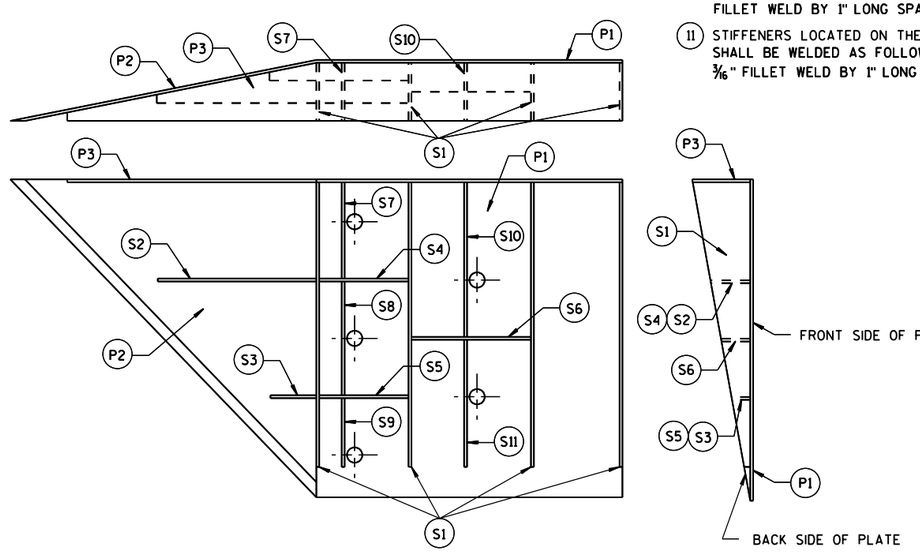


PLATE AND STIFFENER IDENTIFICATION

(VIEWED FROM BACK SIDE OF PLATE)

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)

PLATE	QUANTITY	SHAPE	SIZE (A x B x C x D)	THICKNESS
P1	1		20" x 20"	3/16"
P2	1		20" x 20" x 28 9/16"	3/16"
P3	1		39" x 3 5/8" x 20" x 19 5/16"	3/16"
S1	4		18 7/16" x 3 3/8" x 18 3/4"	1/4"
S2	1		10 1/4" x 2 7/16" x 10 3/8" x 1/2"	1/4"
S3	1		3" x 1 1/16" x 3 1/8" x 1/2"	1/4"
S4	1		6 1/8" x 2 7/16"	1/4"
S5	1		6 1/8" x 1 1/16"	1/4"
S6	1		7 3/4" x 1 3/4"	1/4"
S7	1		2 9/16" x 6" x 3 5/8" x 5 7/8"	1/4"
S8	1		1 5/32" x 7 1/2" x 2 1/2" x 7 3/8"	1/4"
S9	1		6 1/16" x 6 3/16" x 1 1/32"	1/4"
S10	1		1 7/8" x 9 7/8" x 3 5/8" x 9 11/16"	1/4"
S11	1		8 1/2" x 8 3/4" x 1 13/16"	1/4"

SINGLE SLOPE CONNECTION PLATE

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

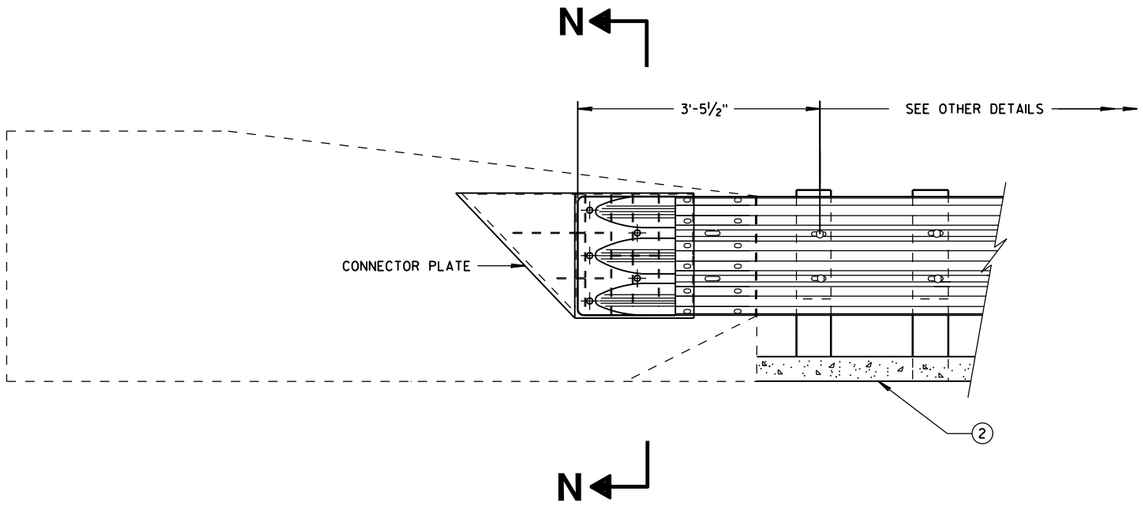
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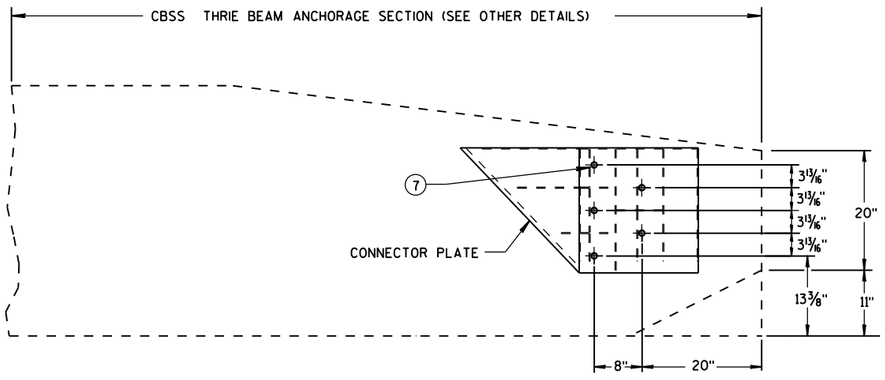
S.D.D. 14 B 45-4i

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S.D.D. 14 B 45-4i



THRIE BEAM CONNECTION TO SINGLE SLOPE BARRIER



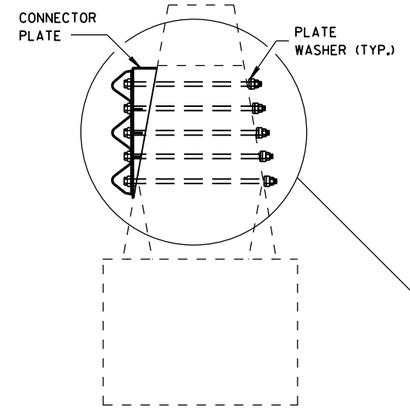
SINGLE SLOPE CONNECTION PLATE PLACEMENT

GENERAL NOTES

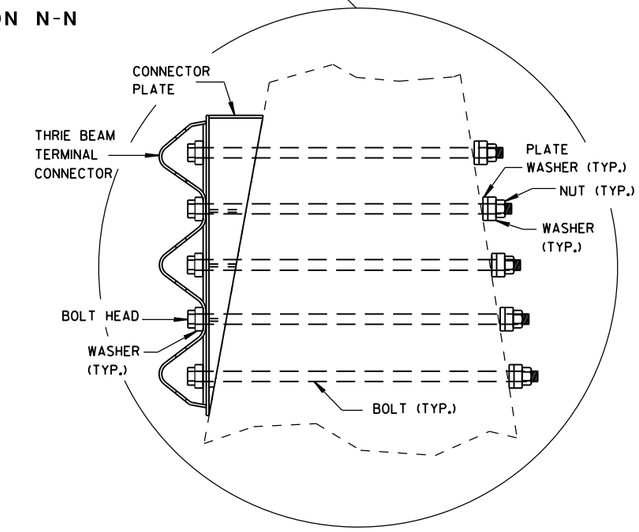
CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



SECTION N-N



MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

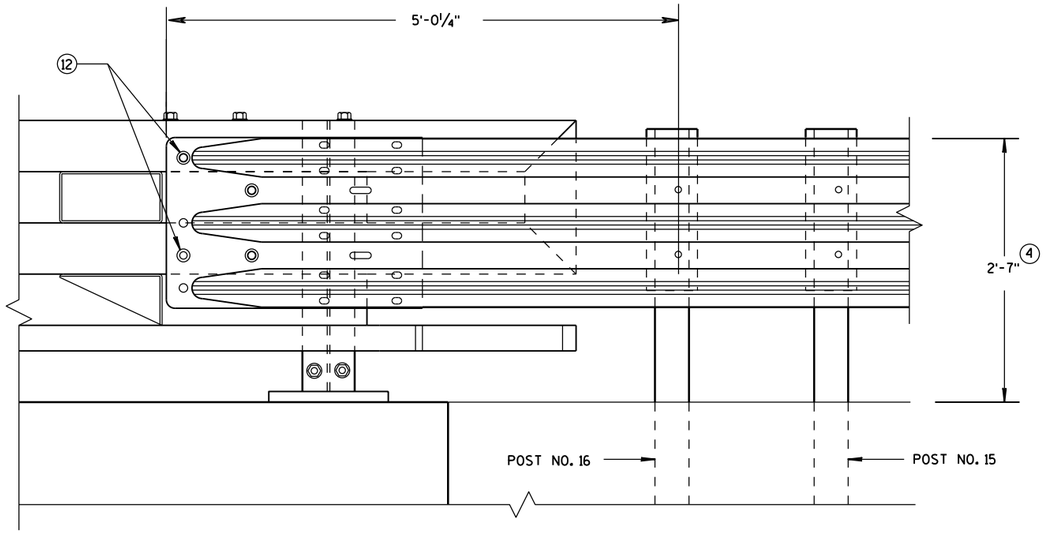
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S.D.D. 14 B 45-4j

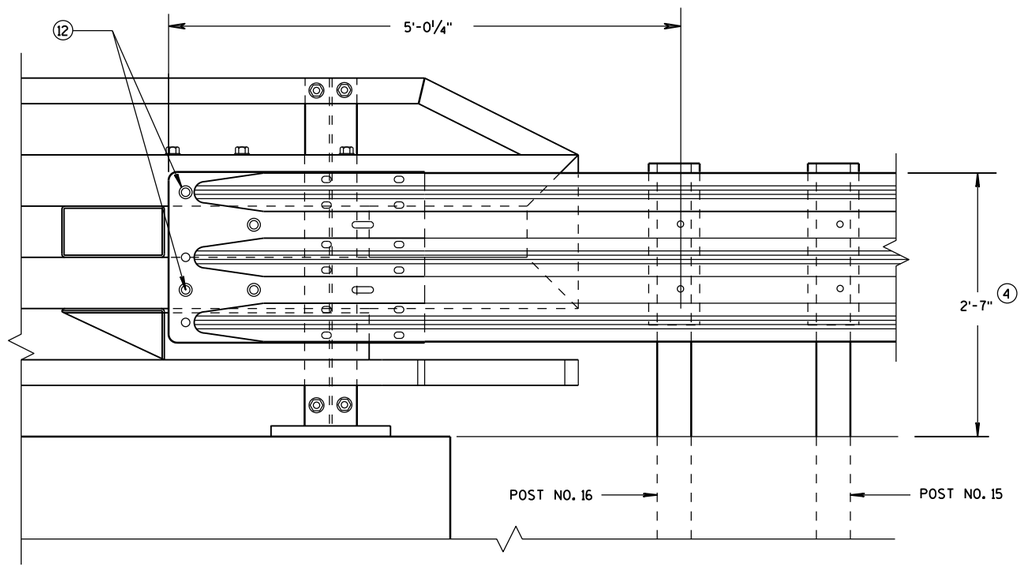
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S.D.D. 14 B 45-4j



ELEVATION OF DETAIL AT NY3 END POST

THRIE BEAM RAIL ATTACHMENT



ELEVATION OF DETAIL AT NY4 END POST

THRIE BEAM RAIL ATTACHMENT

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND ½-INCH BEYOND NUT.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015
DATE
FHWA

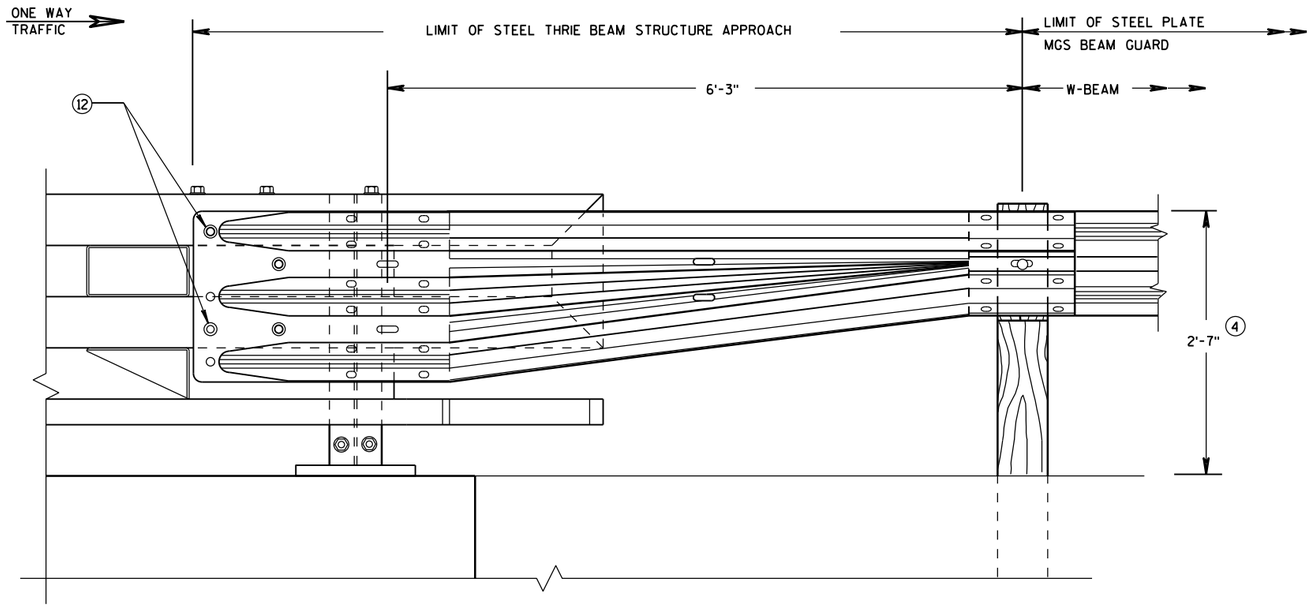
/S/ Jerry H. Zogg
ROADWAY STANDARDS D 330 NT
ENGINEER

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S.D.D. 14 B 45-4k

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S.D.D. 14 B 45-4k



FRONT VIEW

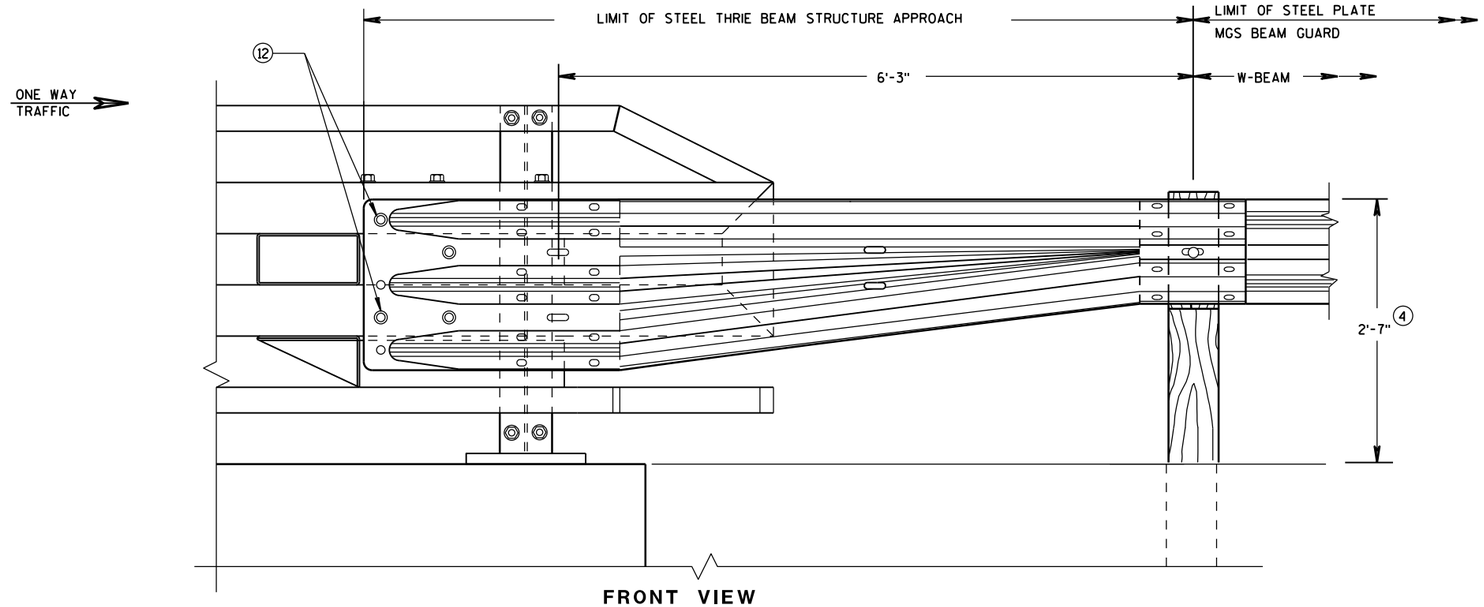
W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY3"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND ½-INCH BEYOND NUT.



FRONT VIEW

W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY4"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

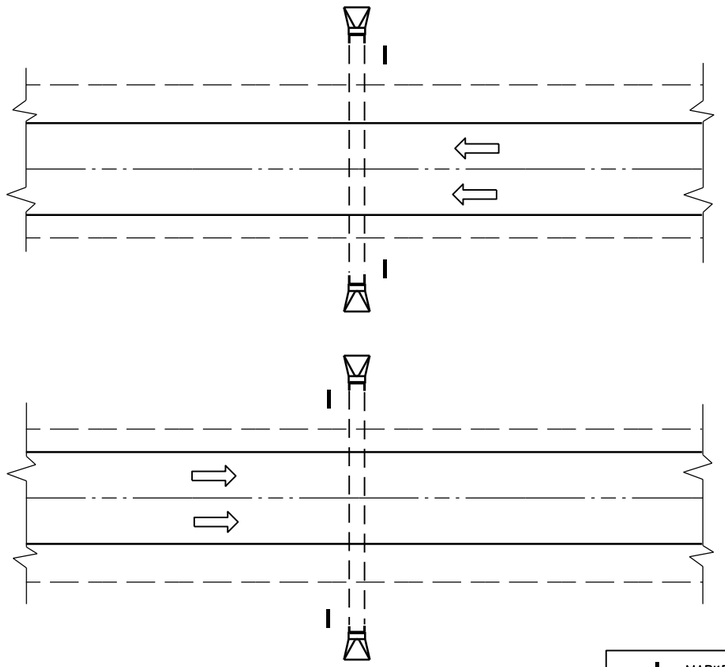
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ENGINEER
FHWA

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S.D.D. 14 B 45-4L

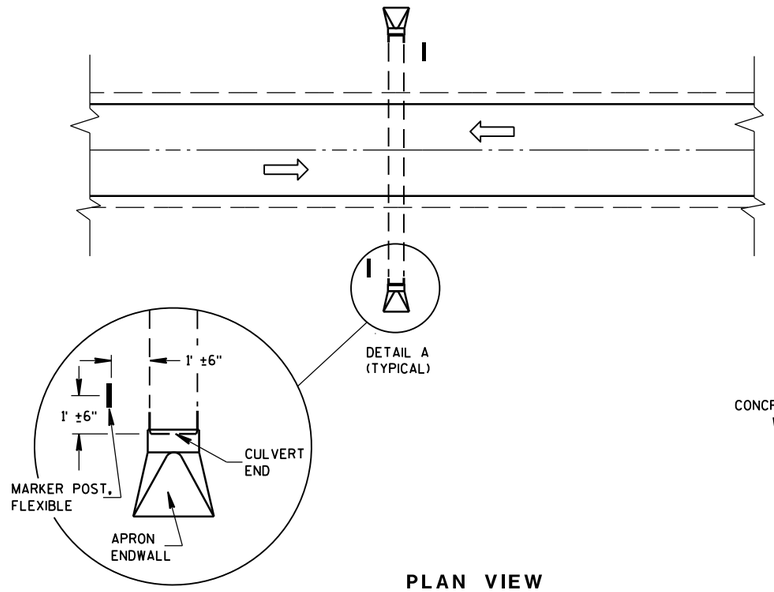
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S.D.D. 14 B 45-4L



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

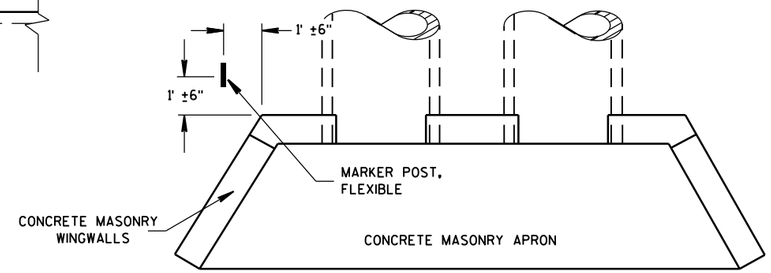
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

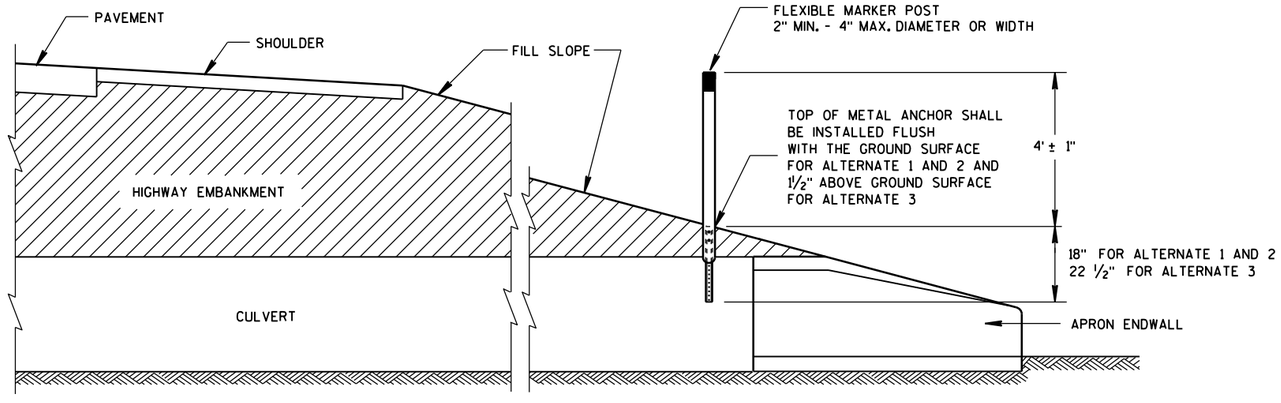
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST FOR CULVERT END

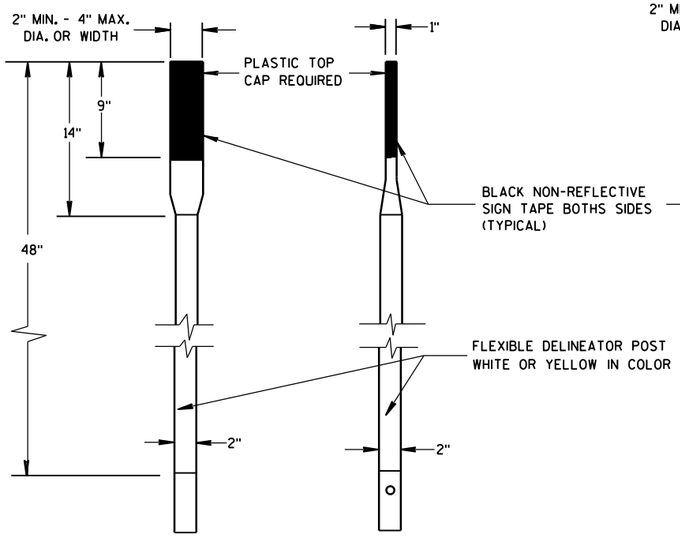
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

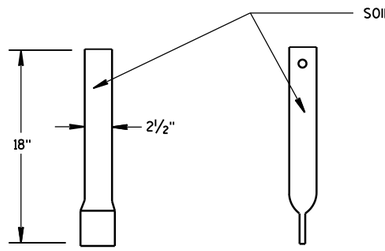
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S.D.D. 15 A 3-2a

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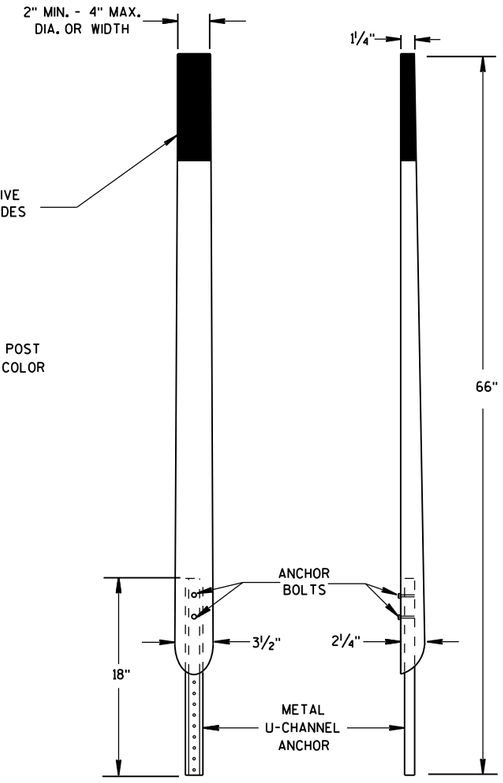
S.D.D. 15 A 3-2a





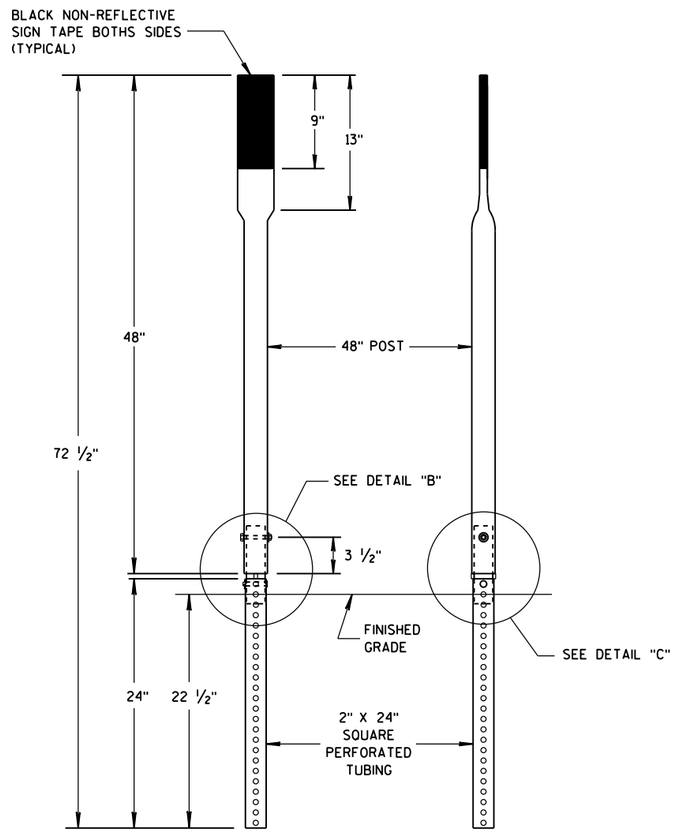
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

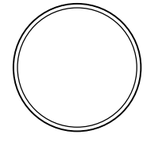
ALTERNATE 2



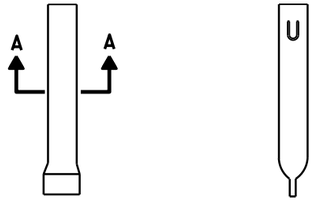
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POSTS

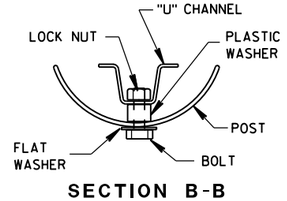


SECTION A-A

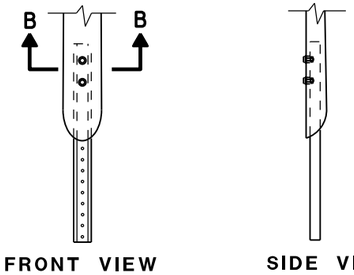


FRONT VIEW SIDE VIEW

ALTERNATE 1

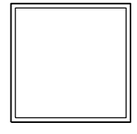


SECTION B-B

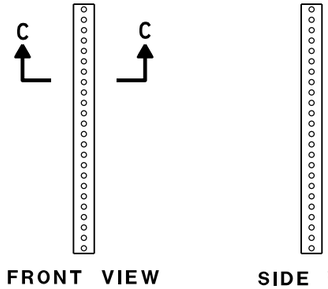


FRONT VIEW SIDE VIEW

ALTERNATE 2



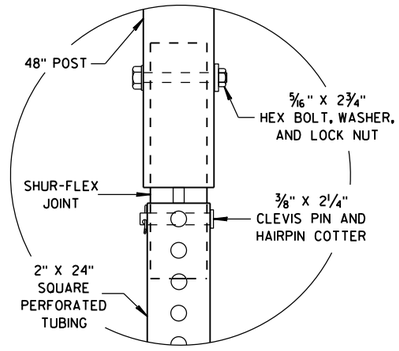
SECTION C-C



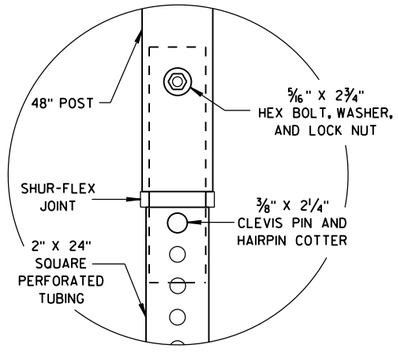
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

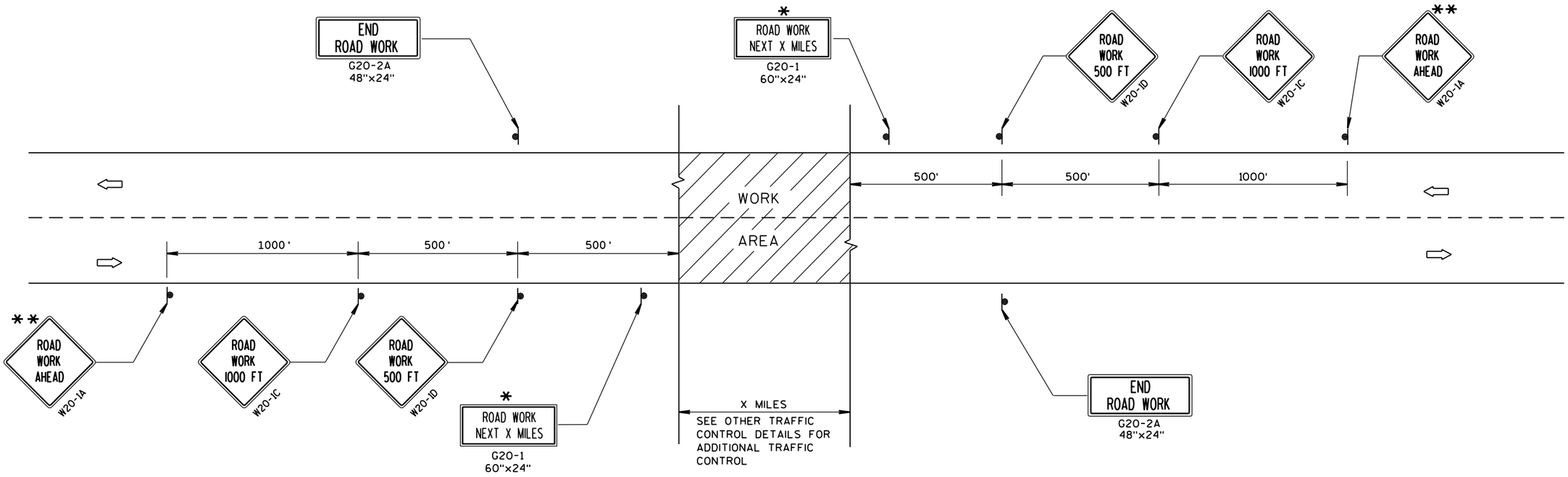
APPROVED
10/1/2012
DATE
/S/ Travis Feltes
STATE TRAFFIC ENGINEER
FHWA

6

S.D.D. 15 A 3-2b

6

S.D.D. 15 A 3-2b



TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

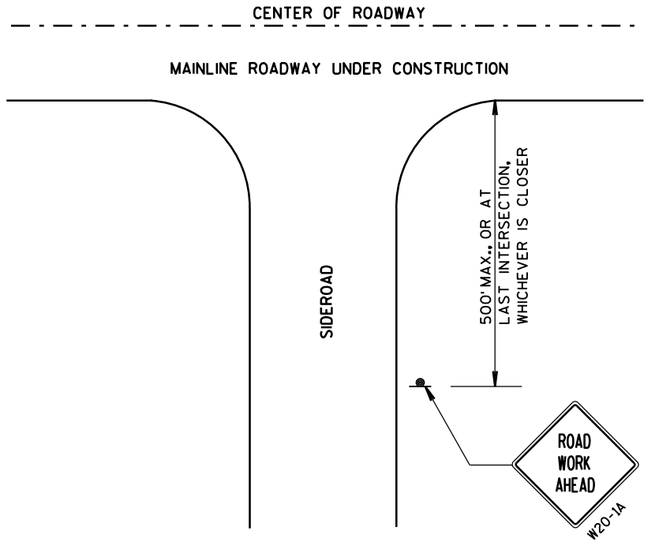
ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

** PLACE ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept. 2015 — DATE

/S/ Peter Amakobe Atepe — STATEWIDE WORK ZONE SAFETY ENGINEER

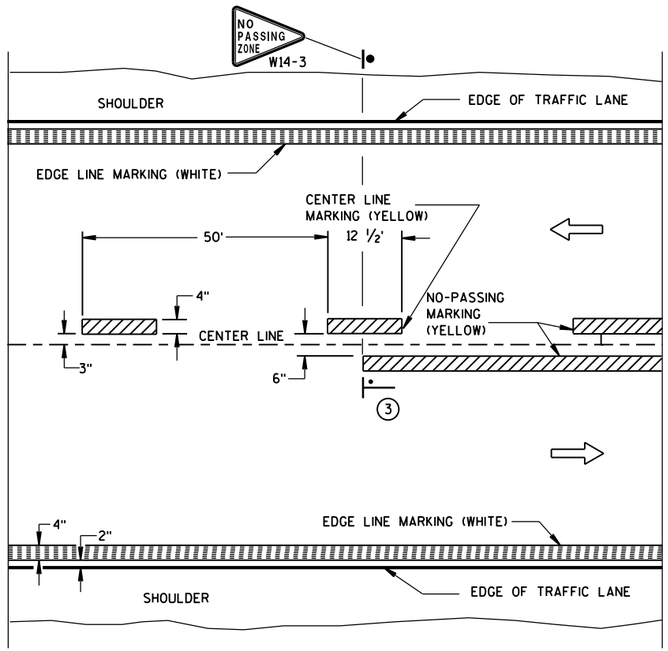
FHWA

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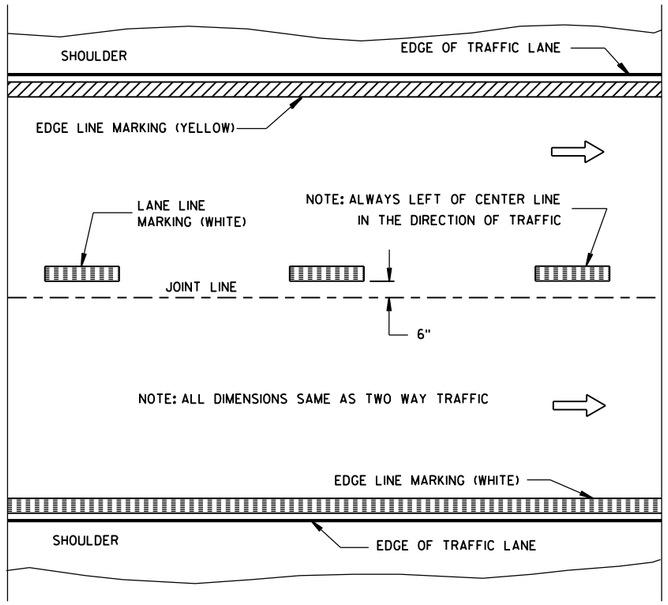
S.D.D. 15 C 4-3

6

S.D.D. 15 C 4-3

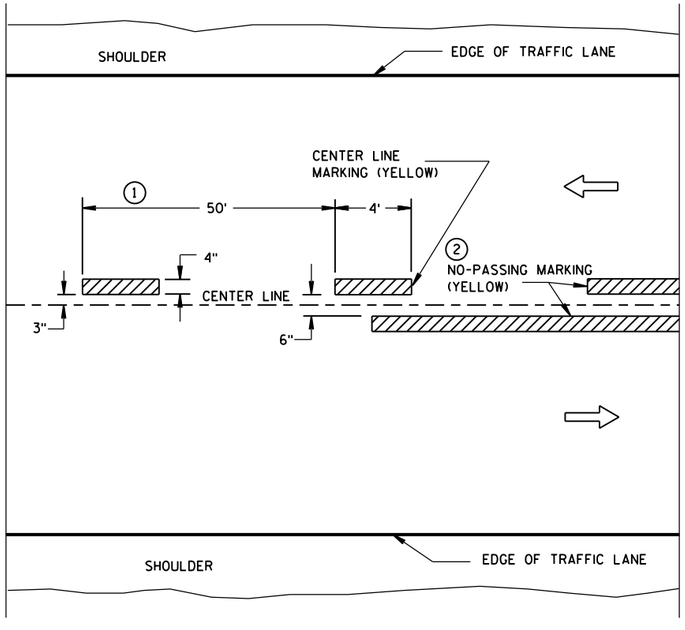


TWO WAY TRAFFIC

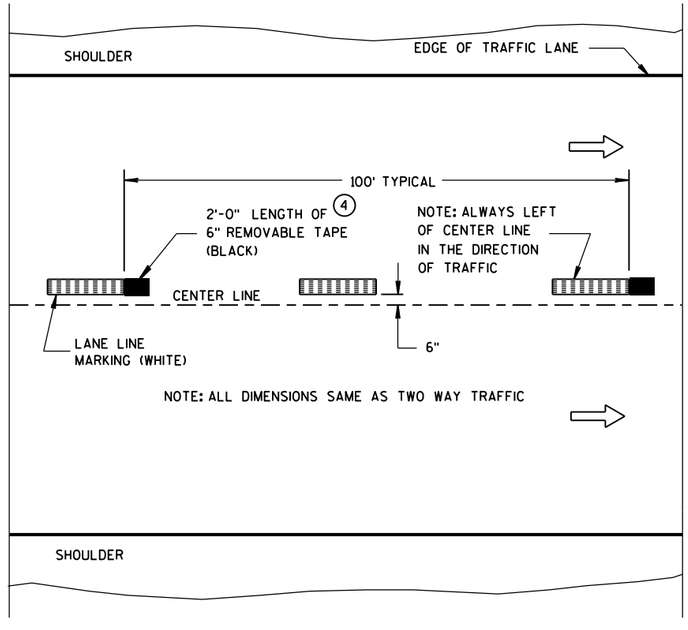


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING

(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

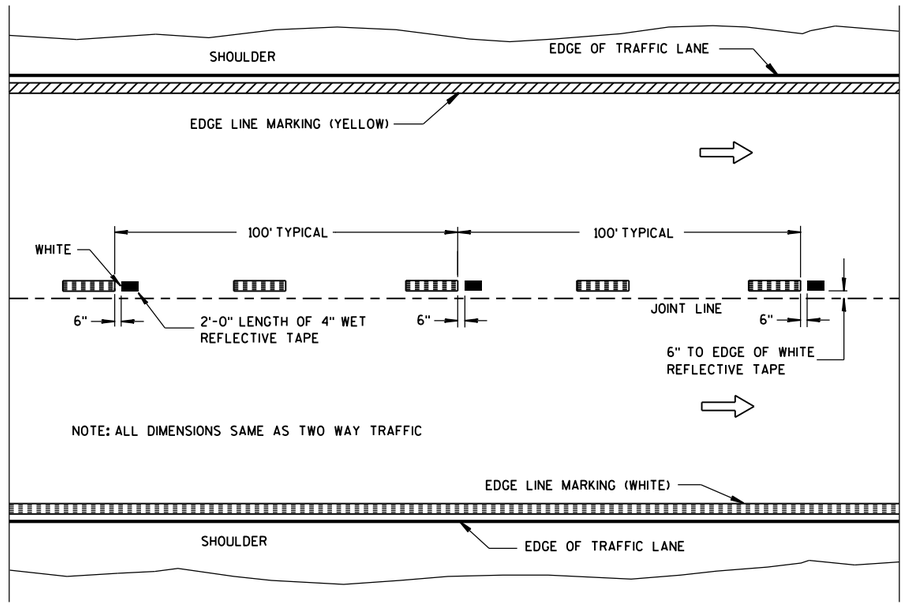
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

1. HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.
2. NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.
3. NO PASSING ZONE MARKINGS ARE PLACED ACCORDING TO "T" MARKINGS. IF EXISTING NO PASSING ZONE W14-3 SIGNS ARE BEYOND 50 FEET IN EITHER DIRECTION, THE SIGNS SHALL BE MOVED TO THE "T" MARKINGS.
4. CONCRETE ONLY.

NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



WET REFLECTIVE TAPE SUPPLEMENT TO
SPRAYED OR NON WET REFLECTIVE TAPE LANE LINE

LEGEND

"T" MARKING

POST MOUNTED SIGN

PAVEMENT MARKING (MAINLINE)

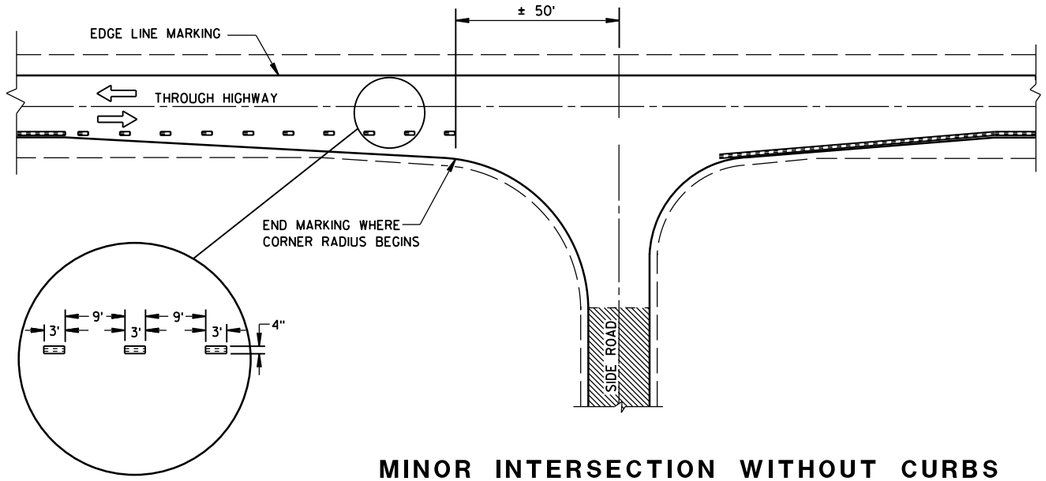
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5-13-2013 DATE
/S/ Travis Feltes STATE TRAFFIC E
FHWA

335

6

S.D.D. 15 C 8-16a



MINOR INTERSECTION WITHOUT CURBS

GENERAL NOTES

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

(1) WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.

(2) WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.

(3) ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.

(4) THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.

(5) BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.

(6) BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

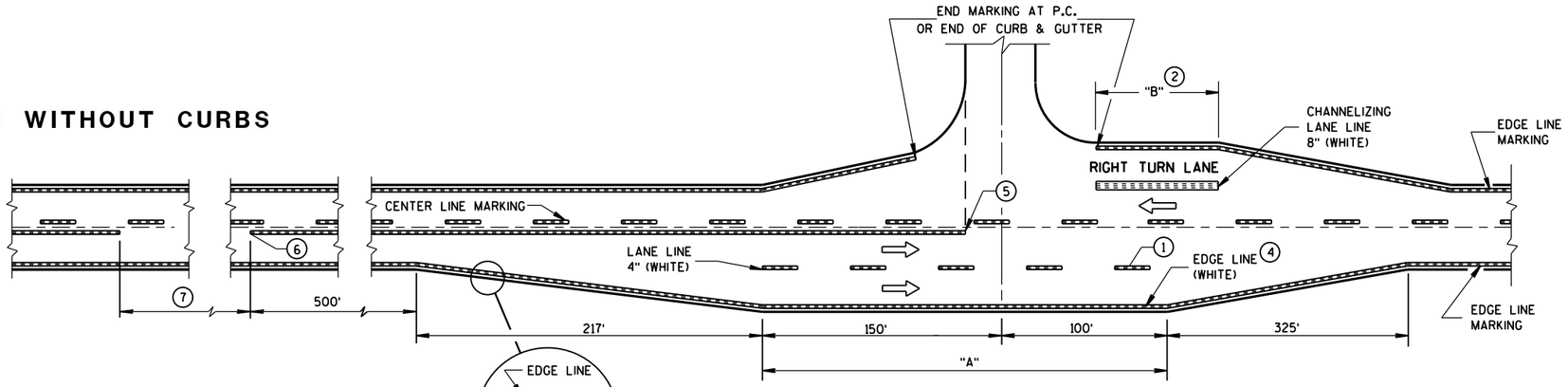
(7) IF THE DISTANCE BETWEEN 2 SUCCESSIVE NO-PASSING ZONES IS LESS THAN THE MINIMUM DISTANCE BETWEEN ZONES, CONNECT THE 2 ZONES.

(8) 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

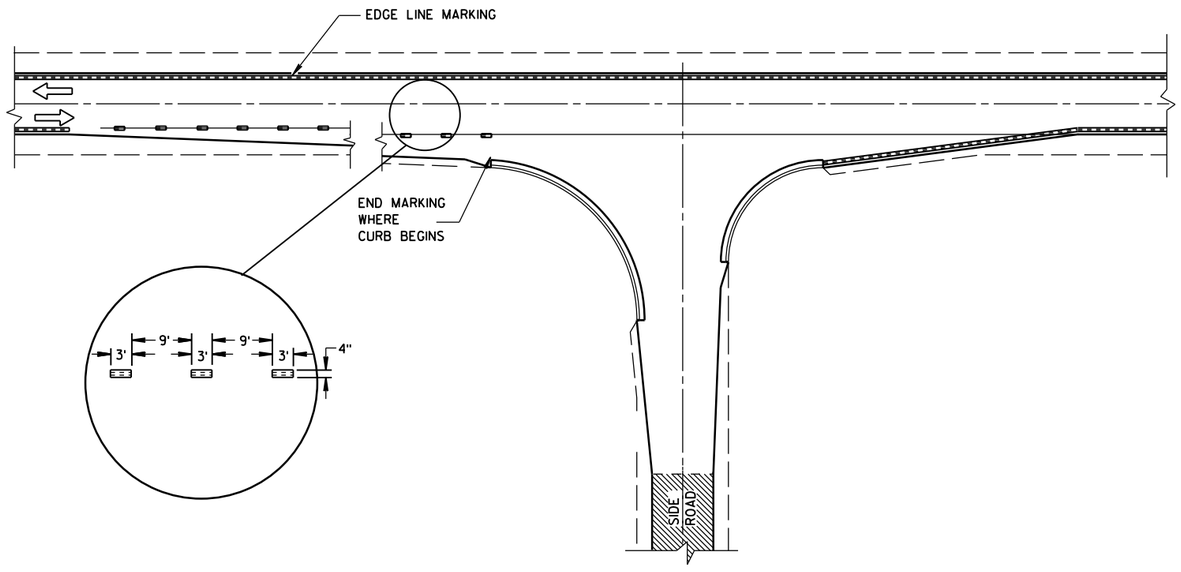
(7)

POSTED SPEED (MPH)	MINIMUM DISTANCE BETWEEN ZONES (FEET)
25 - 30	528
35 - 40	528
45 - 50	686
55	792



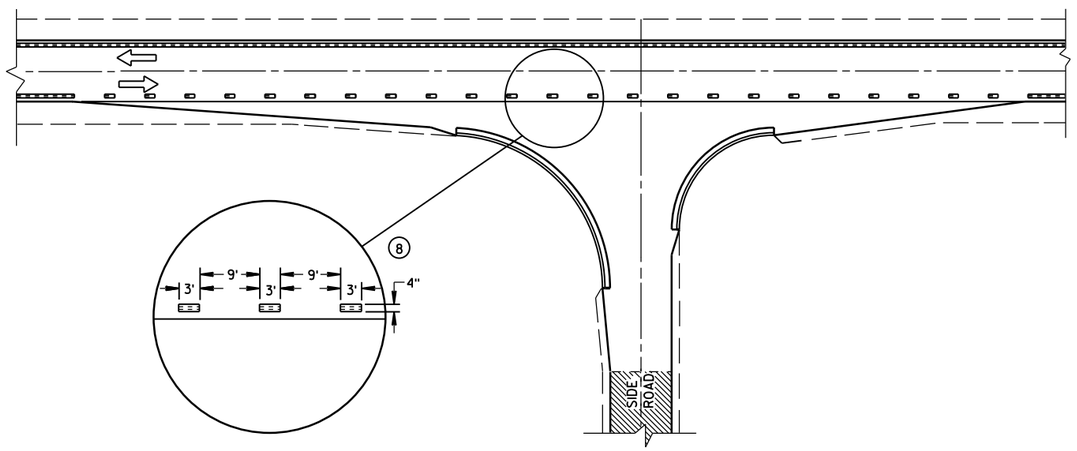
MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)



MINOR INTERSECTION WITH CURBS

(TYPICAL MARKING)



MINOR INTERSECTION WITH CURBS

(3) (FOR SPECIAL CONDITIONS AS SPECIFIED)

PAVEMENT MARKING
(INTERSECTIONS)

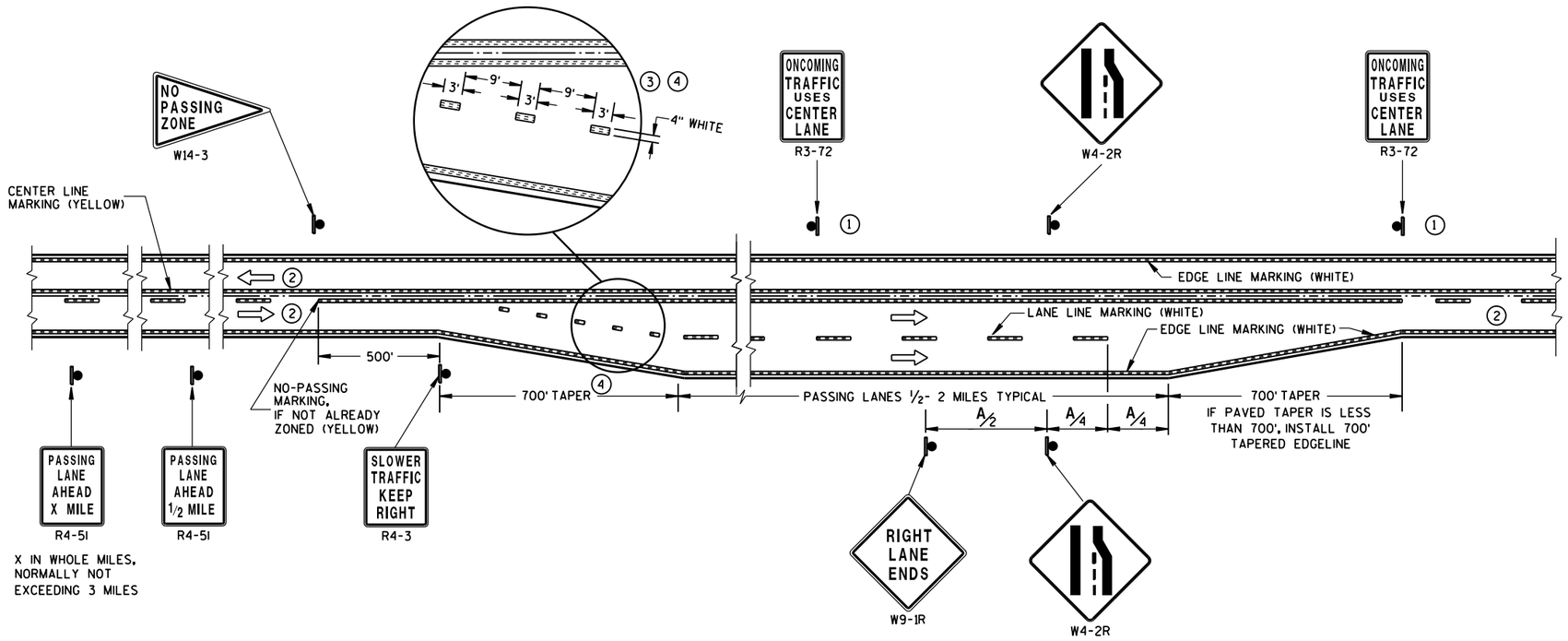
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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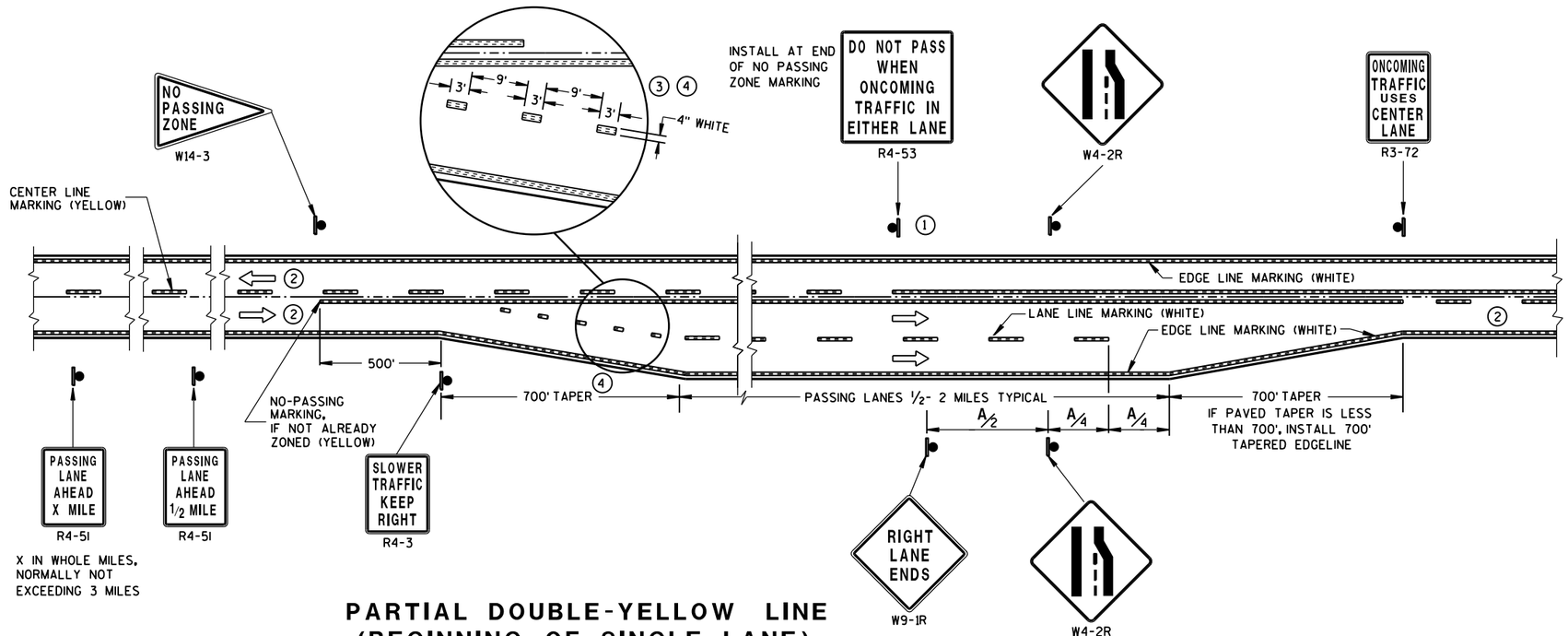
S.D.D. 15 C 8-16b

6

S.D.D. 15 C 8-16b



SOLID DOUBLE-YELLOW LINE
(THROUGHOUT ENTIRE PASSING/CLIMBING LANE)



PARTIAL DOUBLE-YELLOW LINE
(BEGINNING OF SINGLE LANE)

GENERAL NOTES

1. SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
2. THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
3. THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3'LINE 9'GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
4. WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING/CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

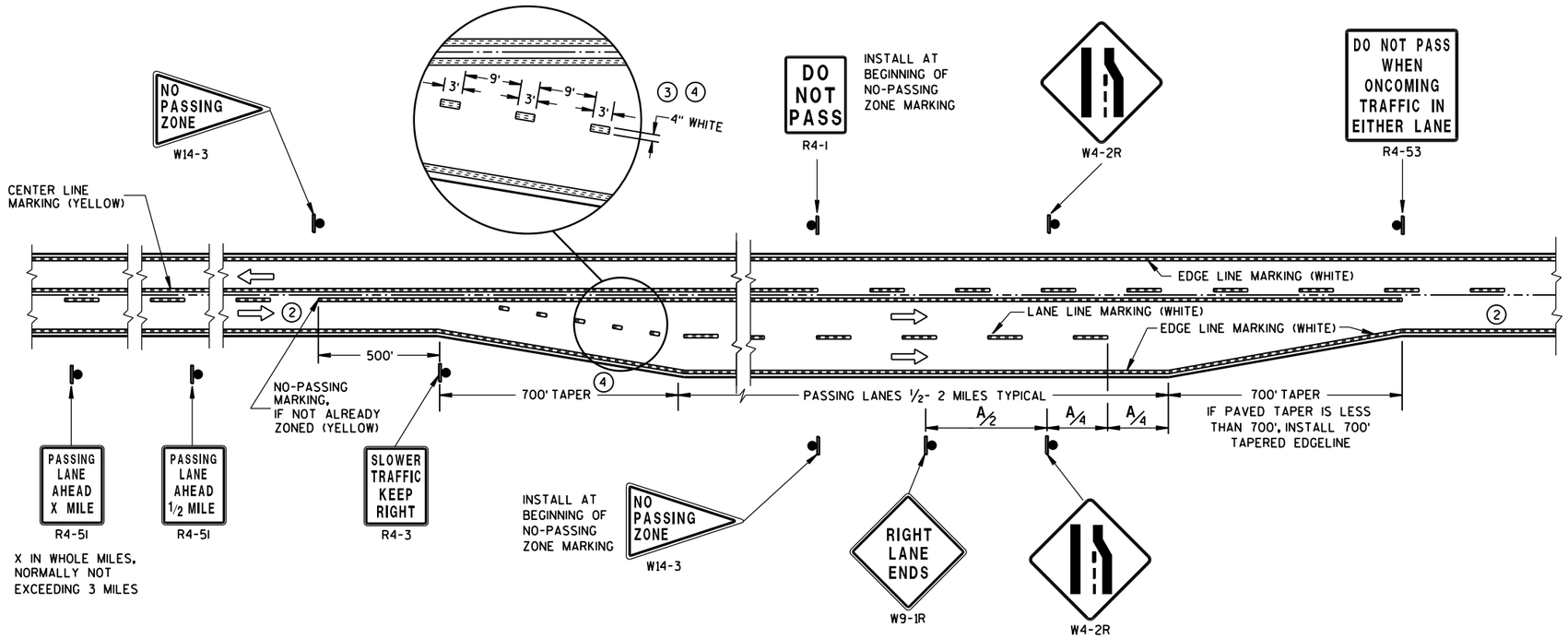
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	750
50	850
55	950

PAVEMENT MARKING & SIGNING (CLIMBING LANE & PASSING LANE)

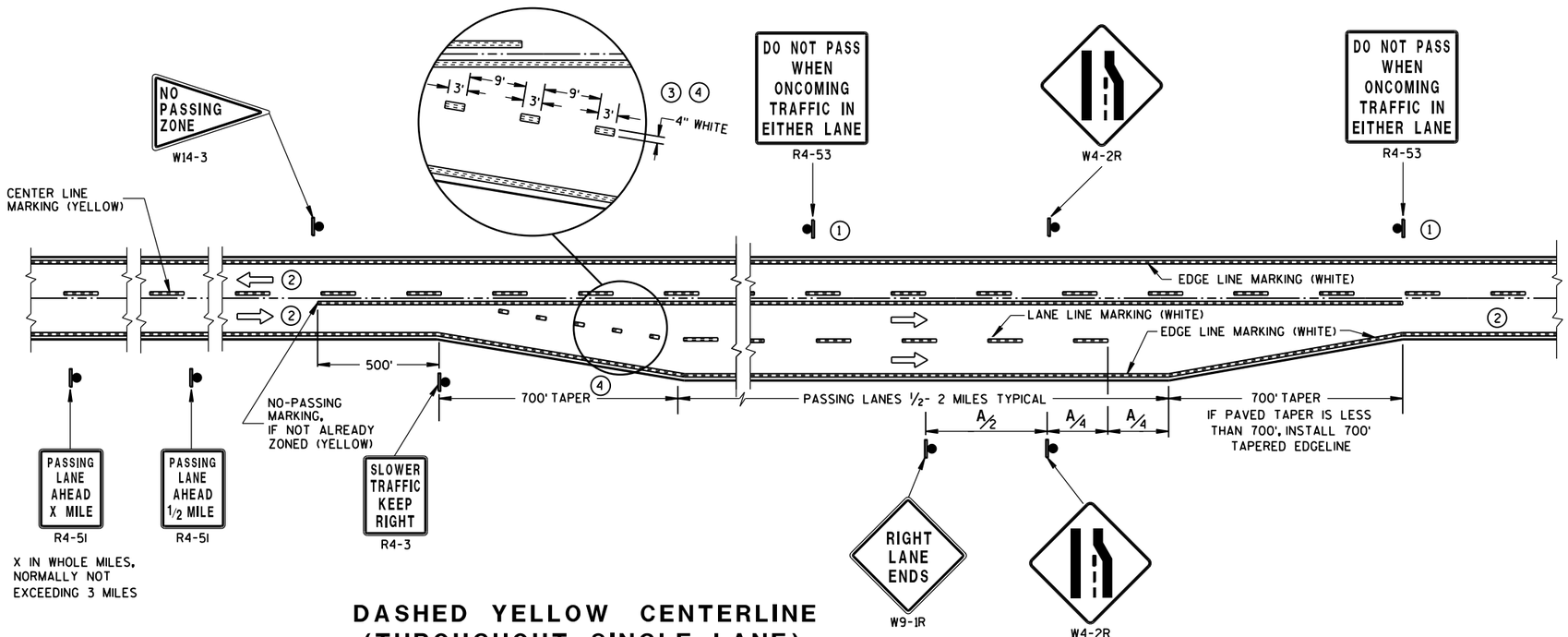
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 15 C 8-16c



SOLID DOUBLE-YELLOW LINE (END OF SINGLE LANE)



DASHED YELLOW CENTERLINE (THROUGHOUT SINGLE LANE)

GENERAL NOTES

1. SIGN SHALL BE REPEATED AT 1/2 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
2. THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
3. THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3'LINE 9'GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
4. WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING/CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	750
50	850
55	950

PAVEMENT MARKING & SIGNING (CLIMBING LANE & PASSING LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 15 C 8-16d

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

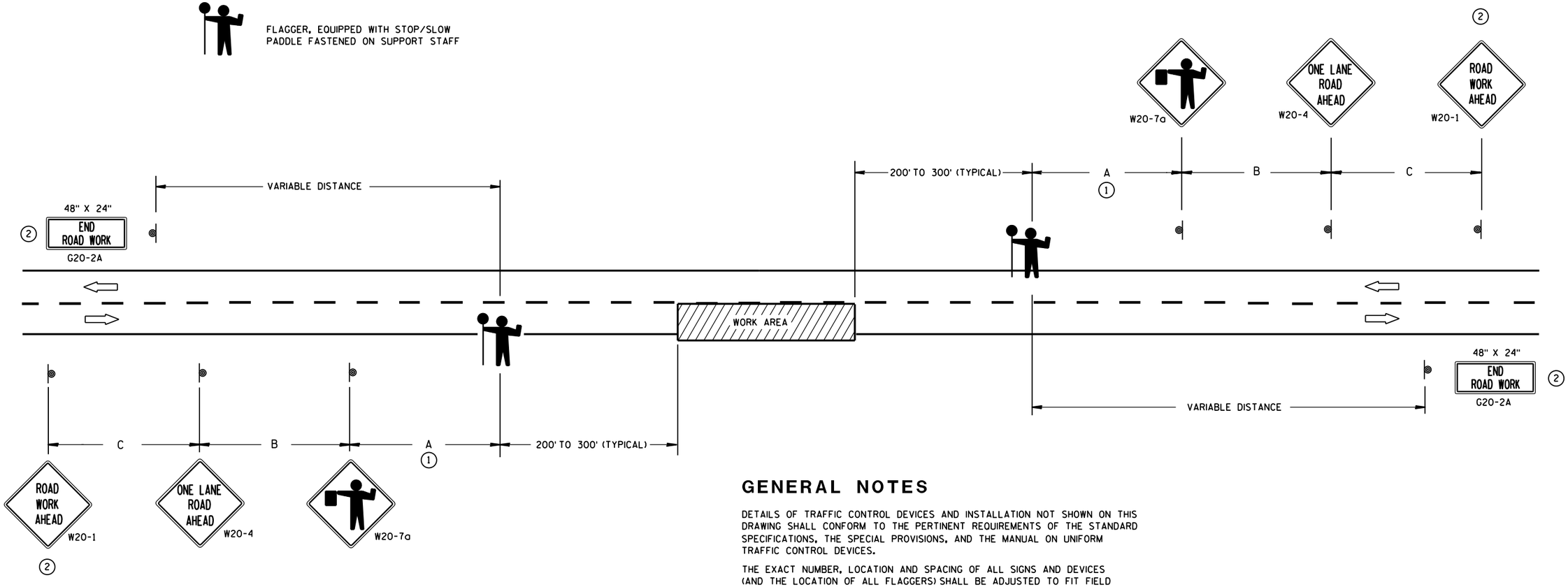
SIGN SPACING TABLE

SPEED LIMIT	SIGN SPACING A,B,C
25-35 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



W3-4

USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



(1) FOR A MOVING WORK OPERATION,
SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE LOCATION OF ALL FLAGGERS) SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

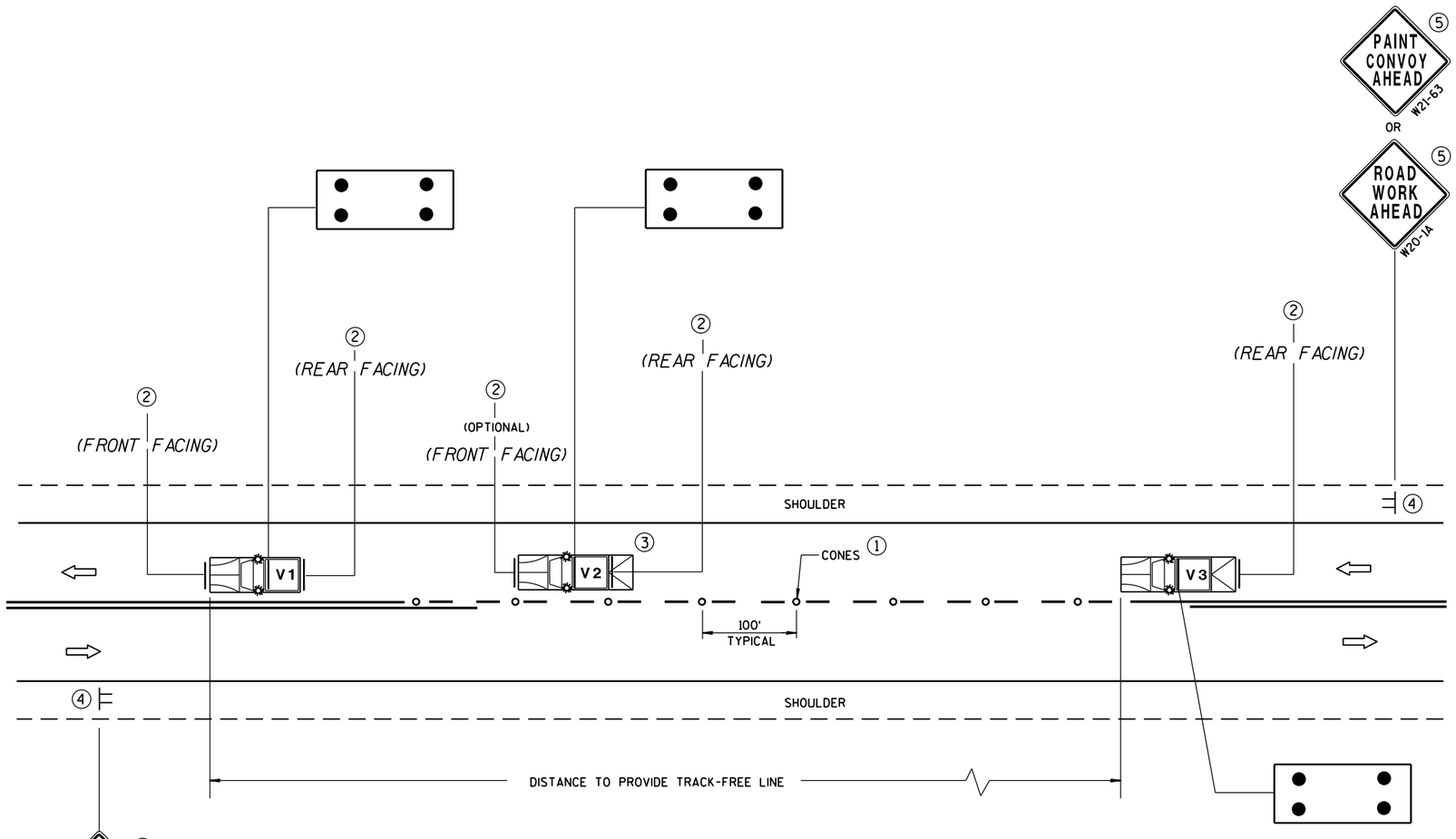
APPROVED
8/2013
DATE
/S/ Travis Feltes
STATE TRAFFIC ENGINEER
DESIGN
FHWA

6

S.D.D. 15 C 12-4

6

S.D.D. 15 C 12-4



MOVING PAVEMENT MARKING OPERATIONS
TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

(1) CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

(2) USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.

WET PAINT W21-64 OR WET PAINT W21-64

(3) OPTIONAL TRUCK-MOUNTED ATTENUATOR.

(4) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(5) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1	LEAD VEHICLE
V2	SHADOW VEHICLE
V3	TRAIL VEHICLE WITH TMA
TMA	TRUCK-MOUNTED ATTENUATOR
⊨	SIGN ON TEMPORARY SUPPORT
⇨	DIRECTION OF TRAFFIC
o	CONES
⁘	FLASHING ARROW PANEL (CAUTION)

MOVING PAVEMENT MARKING OPERATION
TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

/S/ Peter Amakobe Atepe

DATE

STATEWIDE WORK ZOI SAFETY ENGIN

FHWA

6

S.D.D. 15 C 19-3a

6

S.D.D. 15 C 19-3a

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- REMOVING PAVEMENT MARKING
- CONCRETE BARRIER TEMPORARY PRECAST
- DIRECTION OF TRAFFIC
- WORK AREA



W057-52
36"x24"

INSTALL ON EACH APPROACH AT THE CLOSEST INTERSECTION WITH A STATE OR COUNTY TRUNK HIGHWAY, OR AS DIRECTED BY THE ENGINEER. WIDTH ON SIGN TO BE APPROX. 1 FOOT LESS THAN AVAILABLE WIDTH (OMIT IF AVAILABLE WIDTH IS MORE THAN 16 FEET).



LOCATED 500 FEET IN ADVANCE OF R2-1 SIGN AND 500 FEET BEYOND THE "ROAD WORK 1 MILE" SIGN.



R2-1
48"x60"
(BLACK AND WHITE)

IF THE REGULATORY SPEED HAS BEEN REDUCED, A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. THERE SHOULD BE A SPEED LIMIT SIGN INCORPORATED A MINIMUM OF EVERY 2 OR 3 MILES.

* INCLUDE RESUME SPEED LIMIT SIGN A MINIMUM OF 200 FEET (500 FEET DESIRABLE) AFTER END ROAD WORK SIGNS.

GENERAL NOTES

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

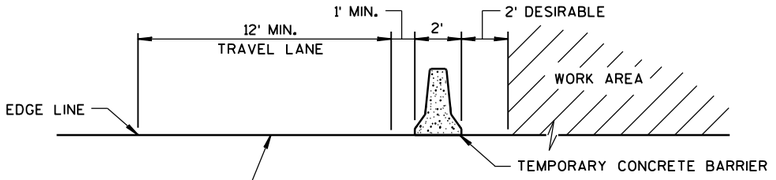
(1) CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUM TAPER.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

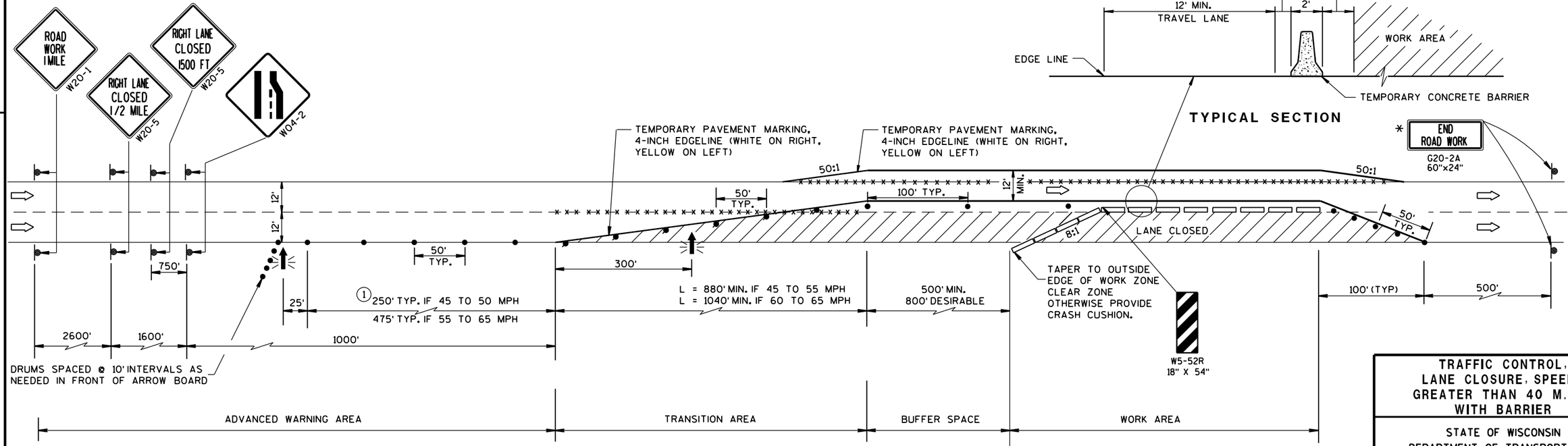
REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.



TYPICAL SECTION



TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H. WITH BARRIER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8/2013 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER — SIGN
FHWA

S.D.D. 15 D 3-2

S.D.D. 15 D 3-2

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

TABLE A

SHOULDER TAPER LENGTH (FEET)					BUFFER SPACE (FEET)
S \ W	4	6	8	10	
30	20	30	40	50	200
35	30	45	55	70	250
40	40	55	75	90	305
45	60	90	120	150	360
50	70	100	135	170	425
55	75	110	150	185	495

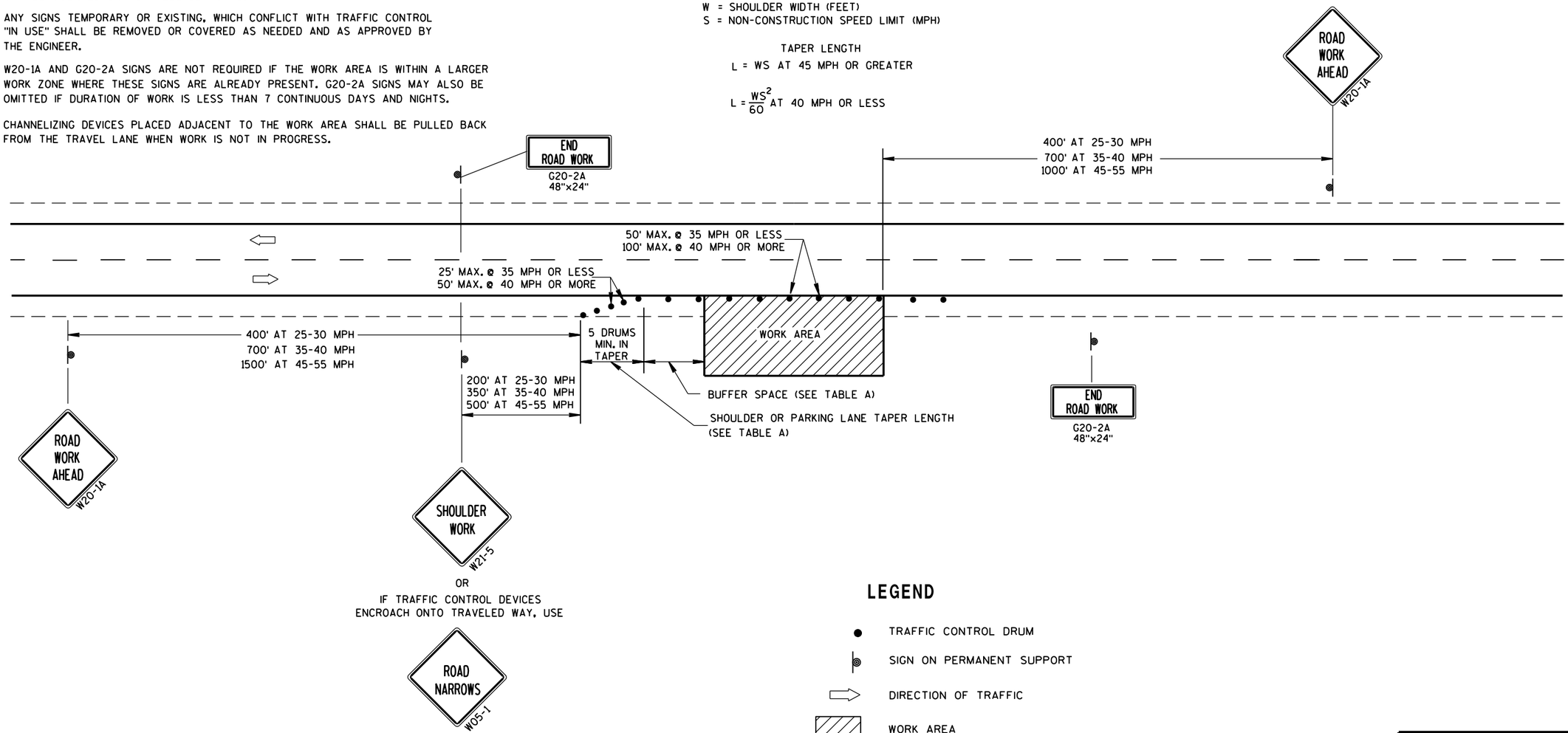
W = SHOULDER WIDTH (FEET)
S = NON-CONSTRUCTION SPEED LIMIT (MPH)

TAPER LENGTH

L = WS AT 45 MPH OR GREATER

$L = \frac{WS^2}{60}$ AT 40 MPH OR LESS

SHOULDER TAPER LENGTH = $\frac{1}{3}L$



LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

July 14, 2015 — DATE

/S/ Peter Amakobe Atepe — STATEWIDE WORK ZO SAFETY ENGI FIC

FHWA

6

S.D.D. 15 D 28-3

LEGEND

- SIGN ON PERMANENT SUPPORT
- REMOVING PAVEMENT MARKING
- TYPE III BARRICADE WITH ATTACHED SIGN
- CONCRETE BARRIER TEMPORARY PRECAST
- FLAGS, 16" x 16" MIN., (ORANGE)
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- ASPHALTIC PAVEMENT WIDENING
- DIRECTION OF TRAFFIC
- 4" X 6" WOOD POST
- TEMPORARY SIGNAL WITH BACKPLATE AND 12-INCH LENSES ON BREAKAWAY POLE



INSTALL ON EACH APPROACH AT THE CLOSEST INTERSECTION WITH A STATE OR COUNTY TRUNK HIGHWAY, OR AS DIRECTED BY THE ENGINEER. WIDTH ON SIGN TO BE APPROX. 1-FOOT LESS THAN AVAILABLE WIDTH. (OMIT IF AVAILABLE WIDTH IS MORE THAN 16 FEET.)

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

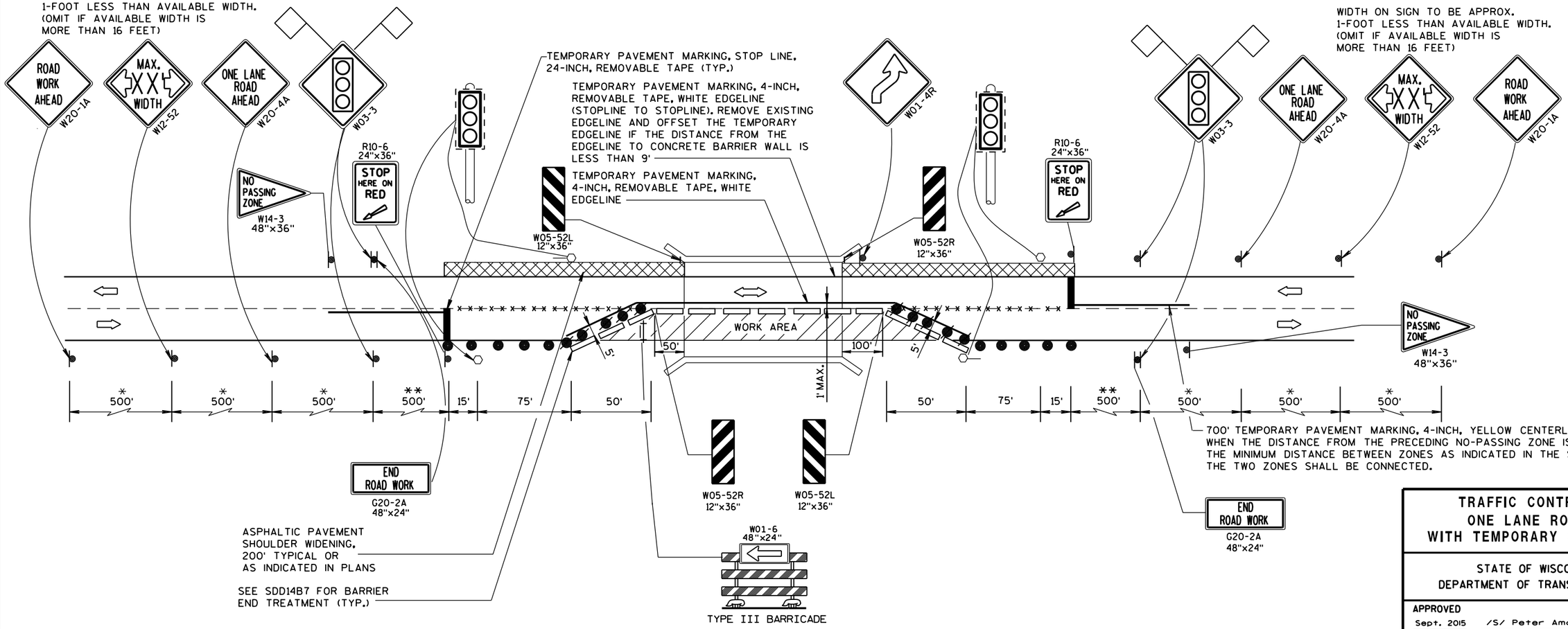
SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

PLACE TEMPORARY PAVEMENT MARKING EDGELINE AND CENTERLINE, AND REMOVE EXISTING PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS OR AS NOTED ON DETAIL.

* 500-FOOT SPACING SHOWN IS FOR ROADWAYS WITH A PRE-CONSTRUCTION REGULATORY SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350-FOOT TYPICAL SPACING. FOR 25-30 MPH, USE 200-FOOT TYPICAL SPACING.

** USE 300' SPACING IF PRE-CONSTRUCTION REGULATORY SPEED LIMIT IS 35 MPH OR LESS.

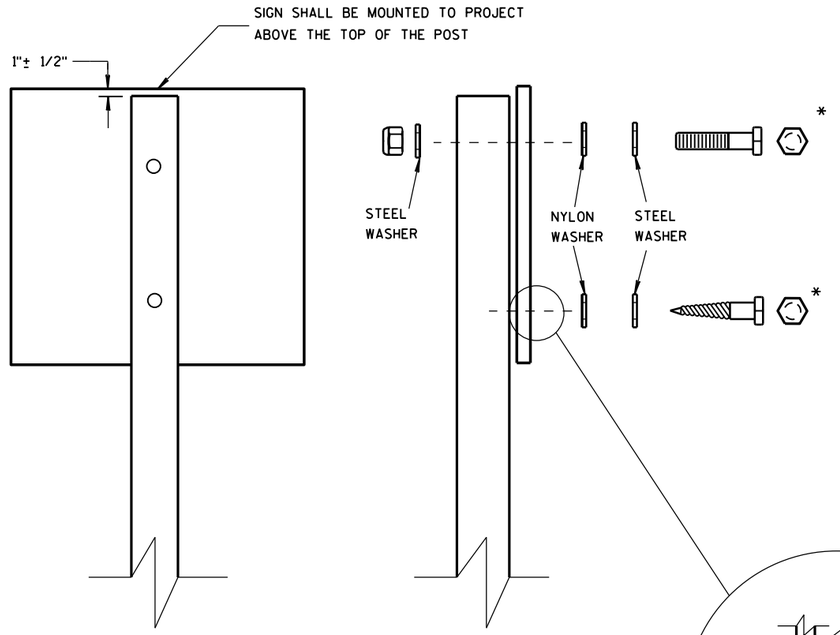


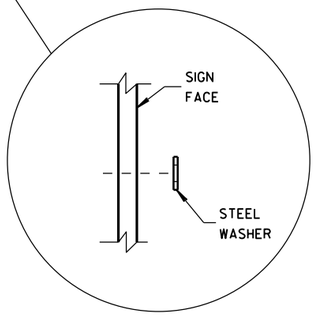
TRAFFIC CONTROL, ONE LANE ROAD WITH TEMPORARY SIGNALS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE SAFETY ENGINEER
FHWA

S.D.D. 15 D 33-4





WASHER PLACEMENT WHEN SIGN HAS OTHER THAN TYPE H OR TYPE F FACE

NUTS, BOLTS AND LAGS USED FOR MOUNTING SIGNS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3

B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC 3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

WOOD POSTS (4" x 4" or 4" x 6")

LAG SCREWS - 3/8" X 3"

MACHINE BOLTS - 5/16" X 6-1/2" OR 7" LENGTH W/ NUTS

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" LENGTH W/ NUTS

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL

1-1/4" O.D. X 3/8" I.D. X .080 NYLON FOR ALL TYPE H SIGNS

* TWO DIFFERENT FASTENING SYSTEMS ARE SHOWN FOR ILLUSTRATION PURPOSES. ON ANY INDIVIDUAL SIGN, EITHER ONE OR THE OTHER SYSTEM SHALL BE USED. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER THAN 9 SQ. FT. REQUIRE THE USE OF 3 FASTENERS.

6

6

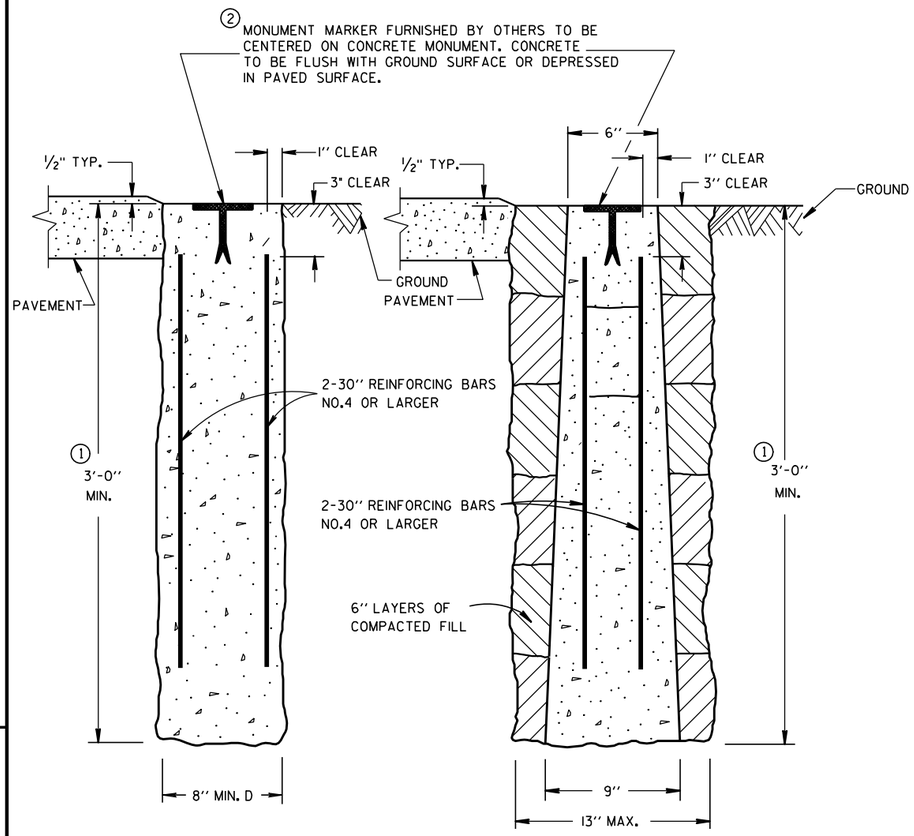
S.D.D. 15 D 38-1b

S.D.D. 15 D 38-1b

ATTACHMENT OF SIGNS TO POSTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

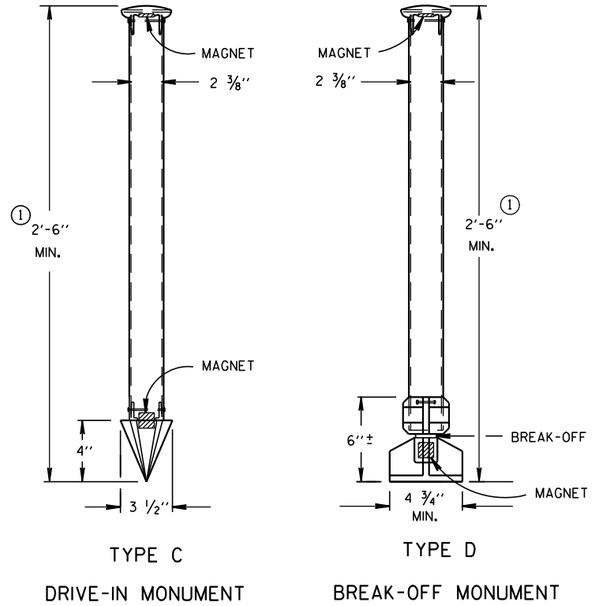
APPROVED
Feb. 2015 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA



CAST-IN-PLACE PRECAST

CONCRETE MONUMENTS

TYPE A



TYPE C DRIVE-IN MONUMENT

TYPE D BREAK-OFF MONUMENT

ALUMINUM MONUMENTS

(INCLUDES MARKER)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

INSTALLED METAL MONUMENTS MUST BE EASILY DETECTED WITH A DIP NEEDLE. INSERT PERMANENT MAGNETS SHALL BE ATTACHED NEAR THE TOP AND BOTTOM OF THOSE MONUMENTS CONSTRUCTED OF A METAL ALLOY WHICH IS NOT ATTRACTIVE TO A DIP NEEDLE.

THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.

MONUMENTS SHALL BE LOCATED AND PLACED AT THE DIRECTION OF THE ENGINEER.

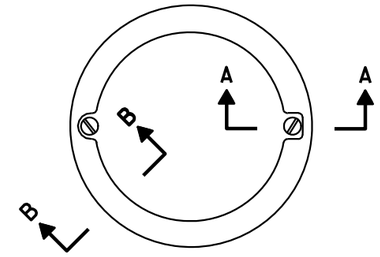
ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.

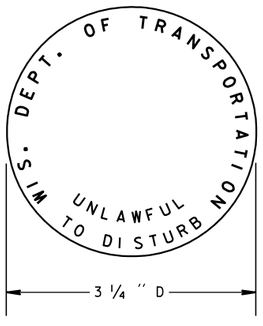
MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER.

① MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.

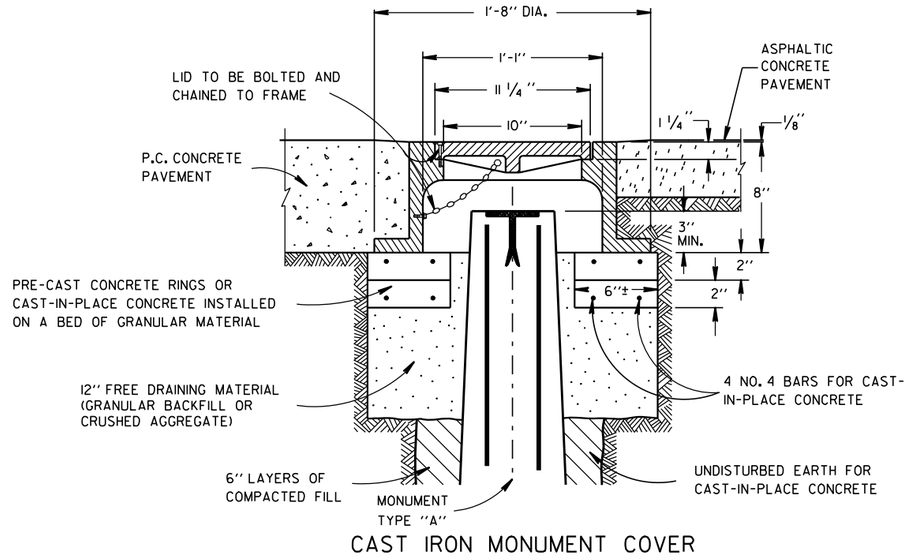
② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WIS DOT MARKER.



TOP VIEW

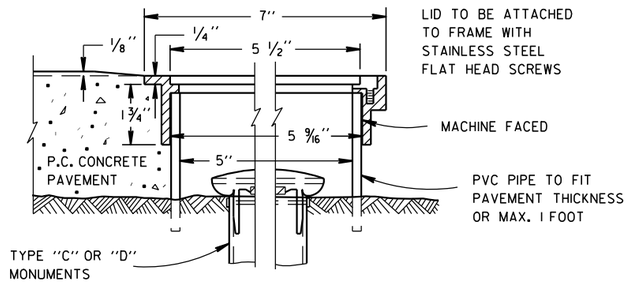


② WIS DOT MONUMENT MARKER LOGO FOR TYPES "A", "C" & "D"



CAST IRON MONUMENT COVER

(APPROXIMATE WEIGHT - 95 LBS.)



SECTION B-B SECTION A-A

ALUMINUM MONUMENT COVER

(APPROXIMATE WEIGHT 2 LBS)

(FOR CONCRETE PAVEMENT ONLY)

LANDMARK REFERENCE MOUNMENTS AND COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

9/22/1999 DATE

/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

6

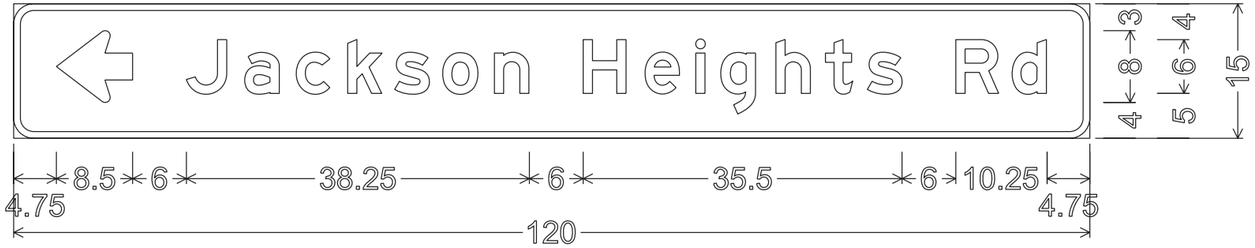
S.D.D. 16 A 1-6

6

S.D.D. 16 A 1-6

NOTES

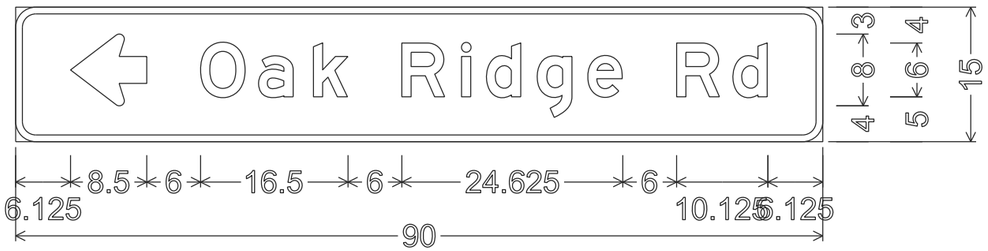
1. Sign is Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



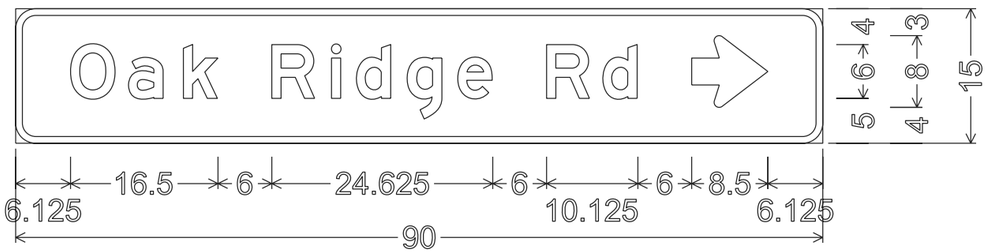
D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border

7

7

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PERMANENT SIGNING	SHEET NO:	E

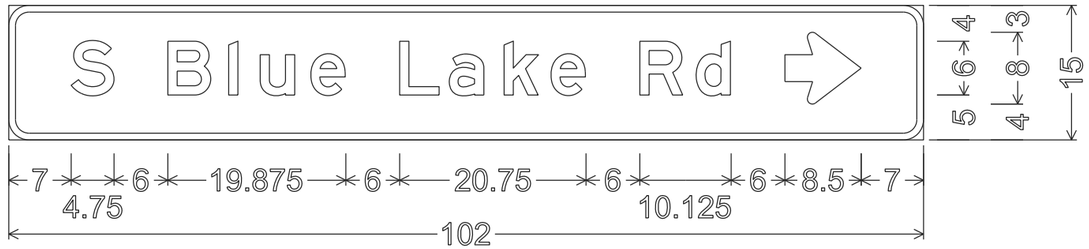
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WISDOT/CADDS SHEET 42

NOTES

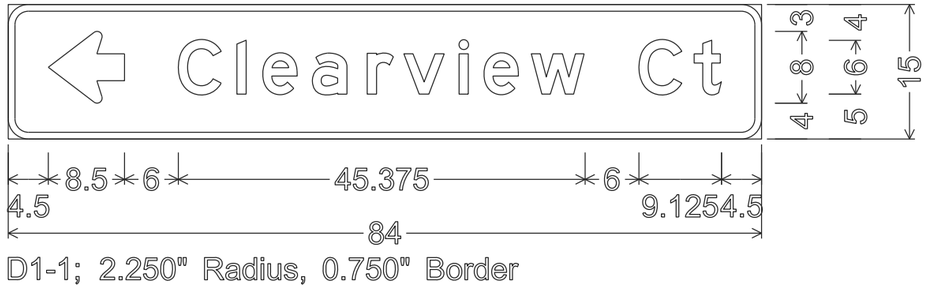
1. Sign is Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



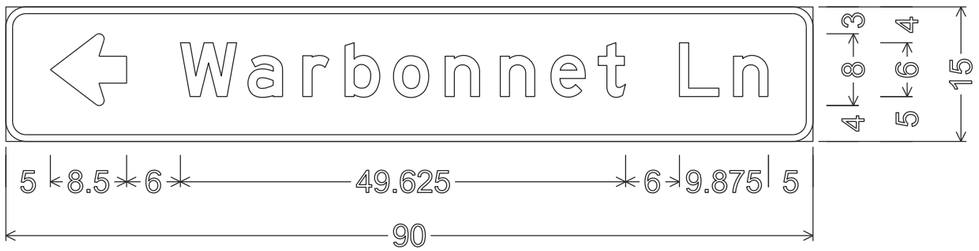
D1-1; 2.250" Radius, 0.750" Border



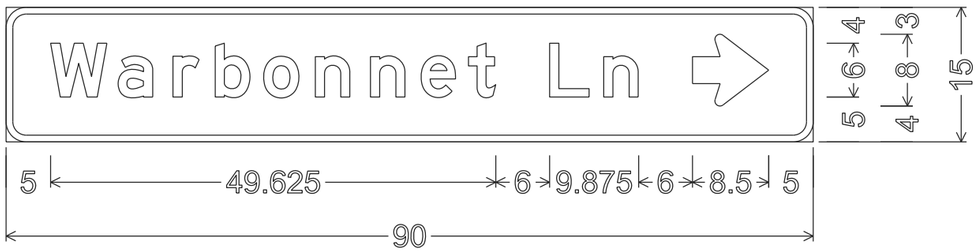
D1-1; 2.250" Radius, 0.750" Border



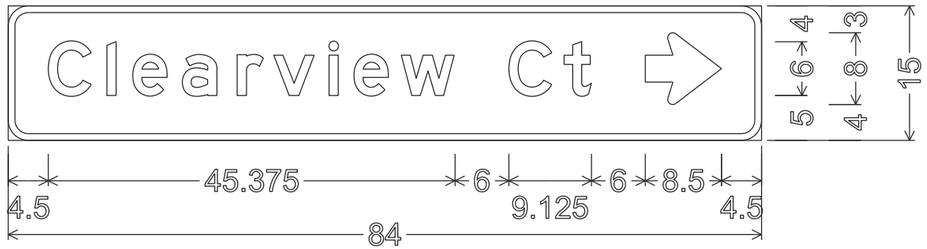
D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border

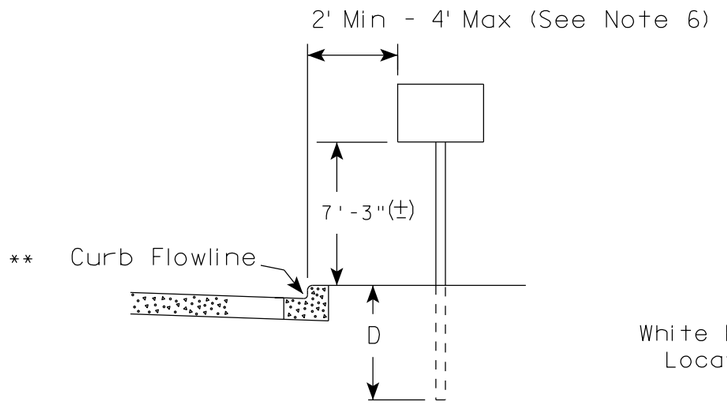
7

7

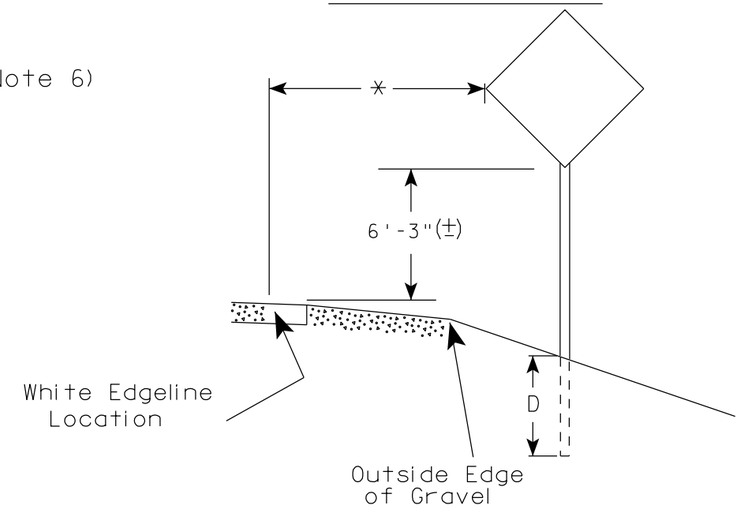
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	PERMANENT SIGNING	SHEET NO:	E

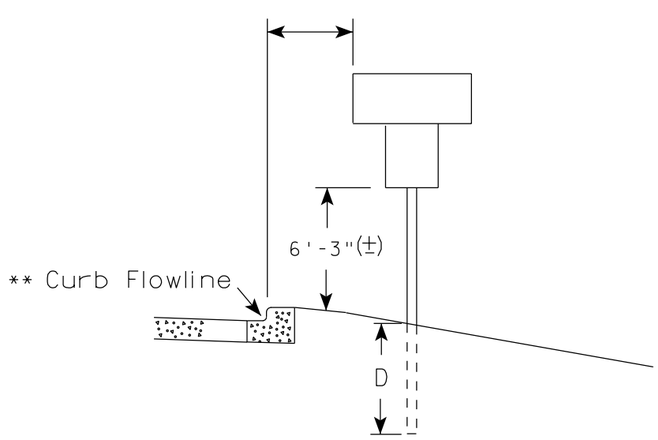
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WISDOT/CADDS SHEET 42

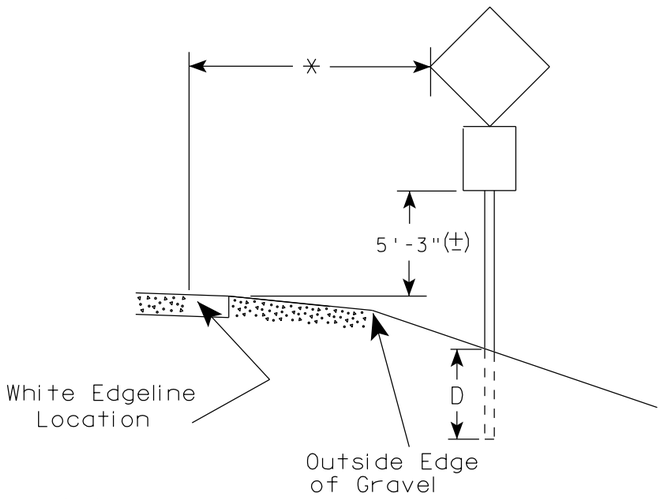
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on barrier wall, see A4-10 sign plate.
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.
9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).

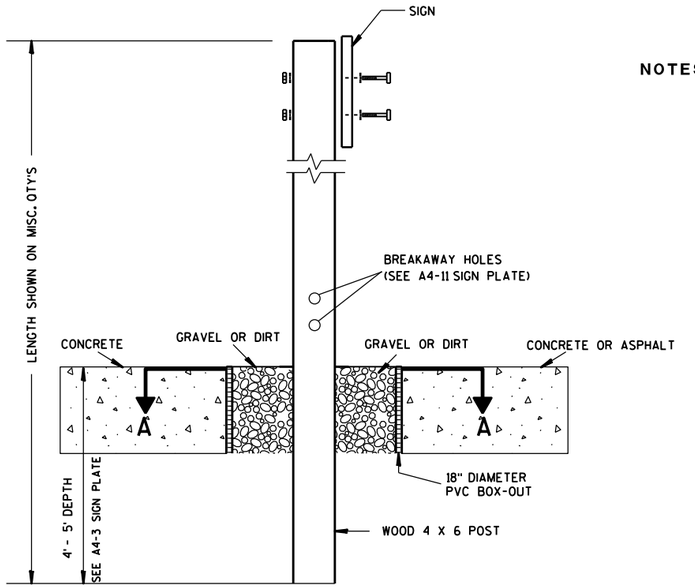
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-3.20

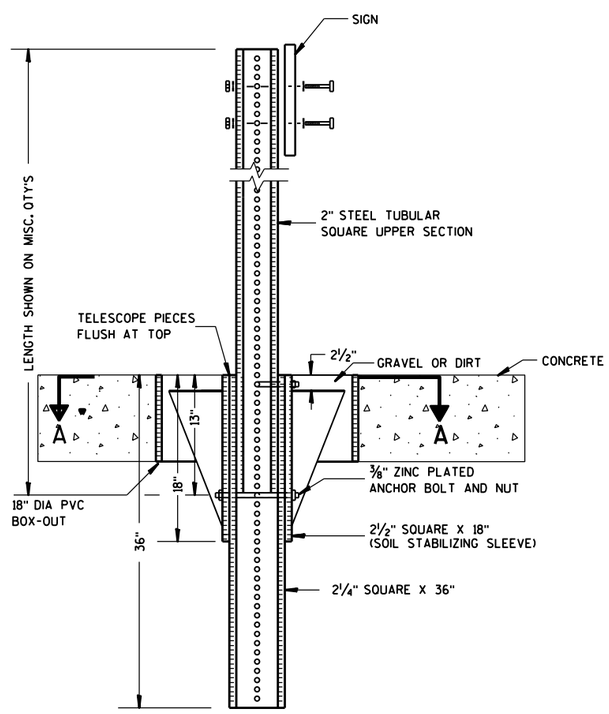
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



ELEVATION VIEW

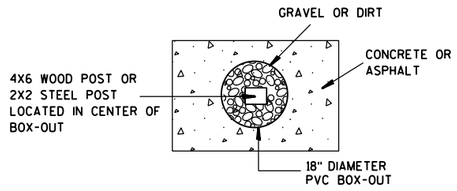
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST
BOX-OUTS
A4-3B

WISCONSIN DEPT OF TRANSPORTATION

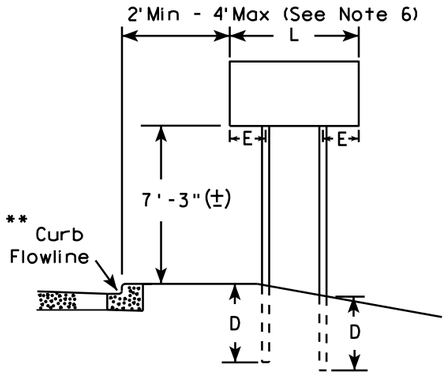
APPROVED Matthew R Rauch
for State Traffic Engineer

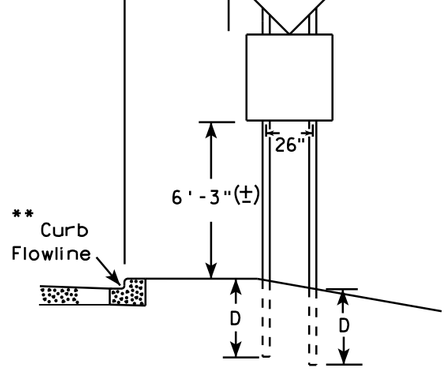
DATE 1/27/14 PLATE NO. A4-3B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

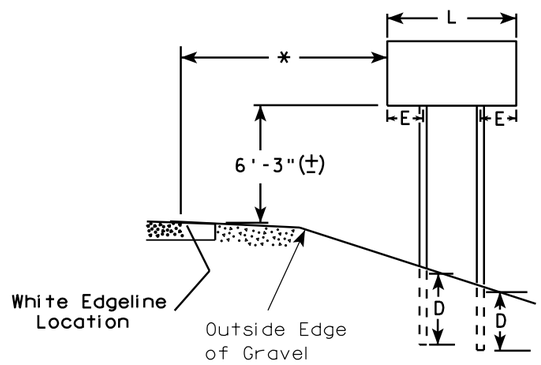
URBAN AREA

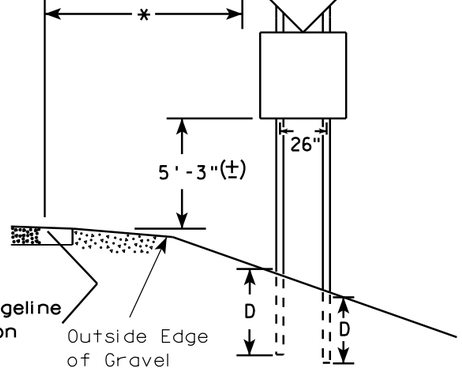




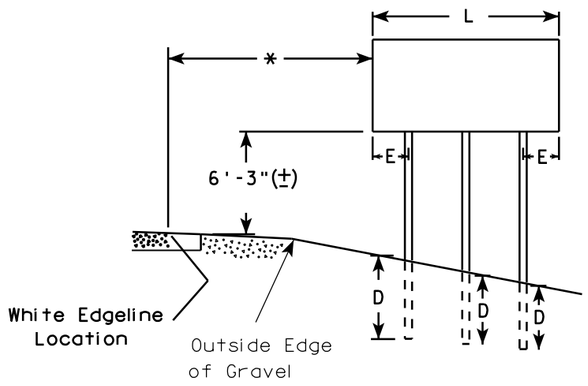
48" DIAMOND WARNING SIGN

RURAL AREA (See Note 3)





48" DIAMOND WARNING SIGN



GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
L	E
Greater than 48" Less than 60"	12"
60" to 120"	L/5

***

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 120" less than 168"	12"

SIGN SHAPE OTHER THAN DIAMOND (FOUR POSTS REQUIRED)	
L	E
168" and greater	12"

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

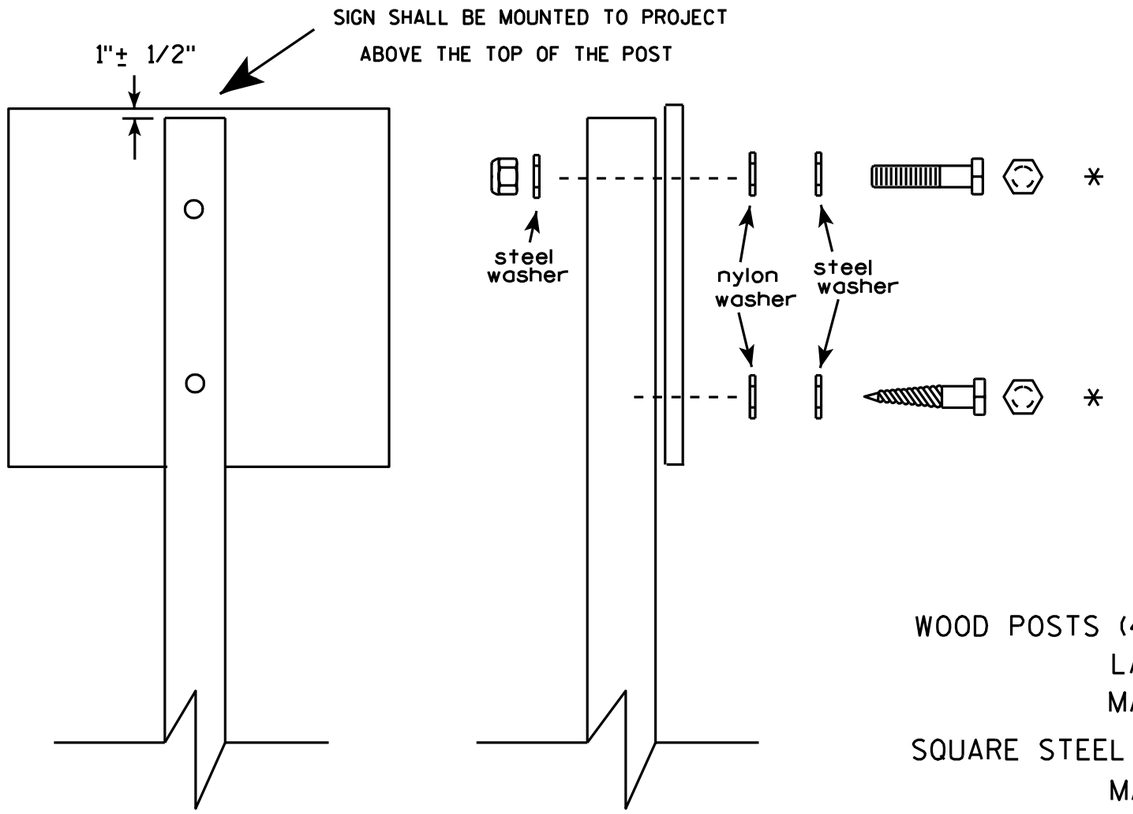
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-4 350 14

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

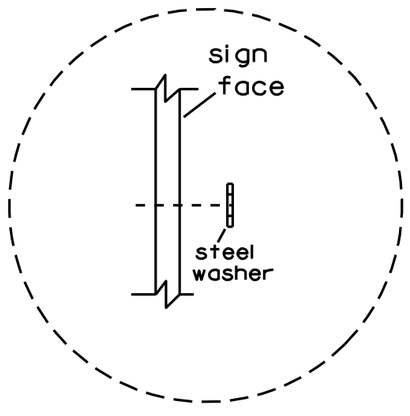
b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

WOOD POSTS (4" x 4" or 4" x 6")
- LAG SCREWS - 3/8" X 3"
- MACHINE BOLTS - 5/16" X 6-1/2" or 7" Length w/ nuts

SQUARE STEEL POSTS (2" x 2")
- MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts
- RIVETS - 9/32 " (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -
- 1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
- 1-1/4" O.D. X 3/8" I.D. X .080 NYLON for all Type H signs.



Washer Placement when Sign Has Other Than Type H or Type F Face

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/23/10 PLATE NO. A4-8.7

PROJECT NO:

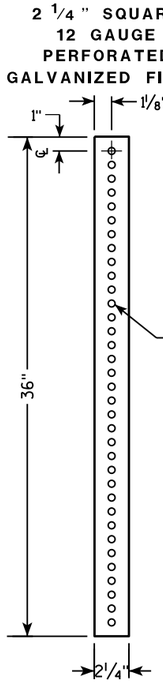
SHEET NO: 351 E

7

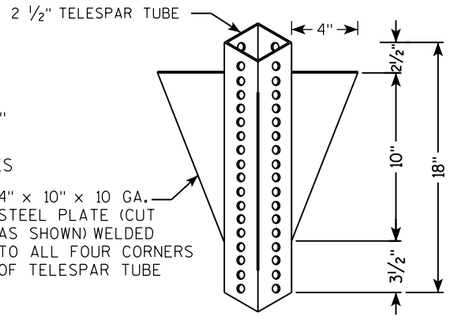
7

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

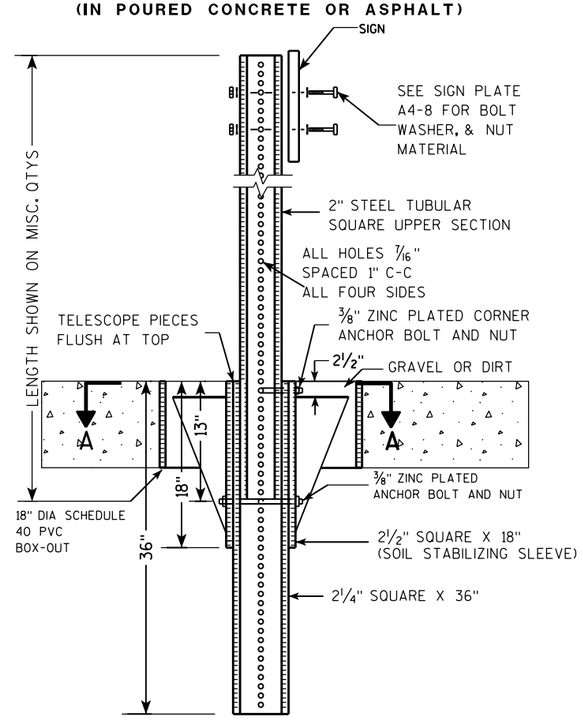
2 ¼ " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



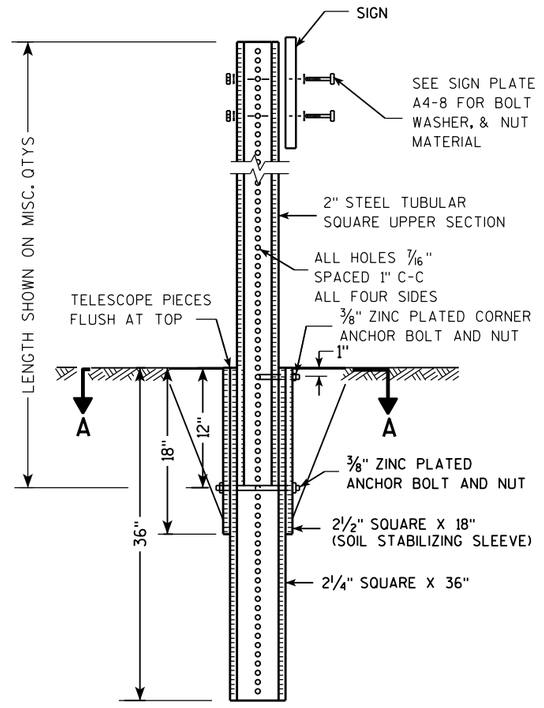
2 ½ " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

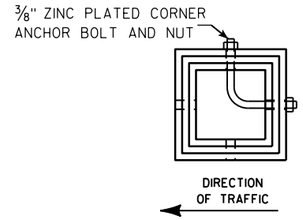


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

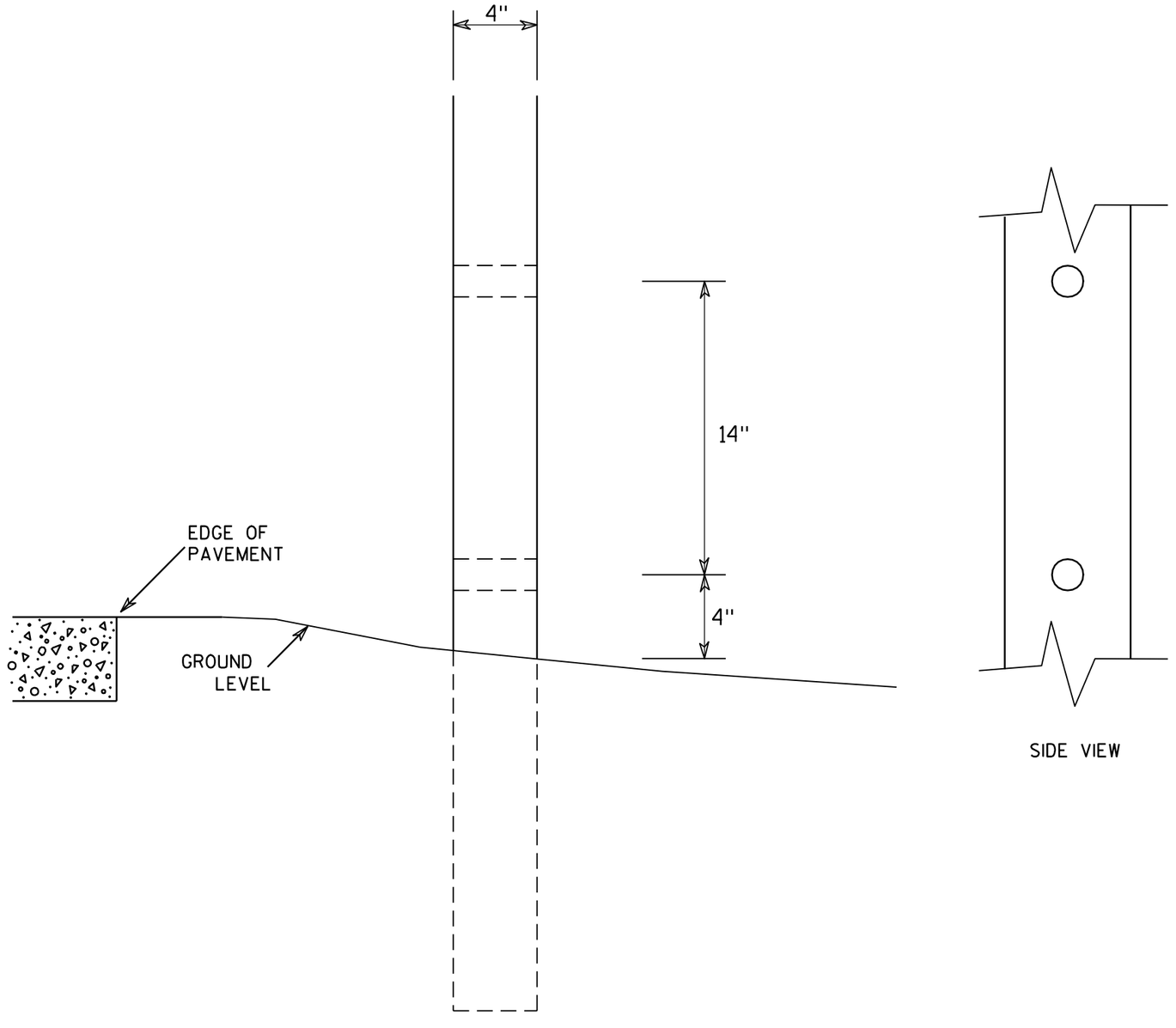
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 352 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000

WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

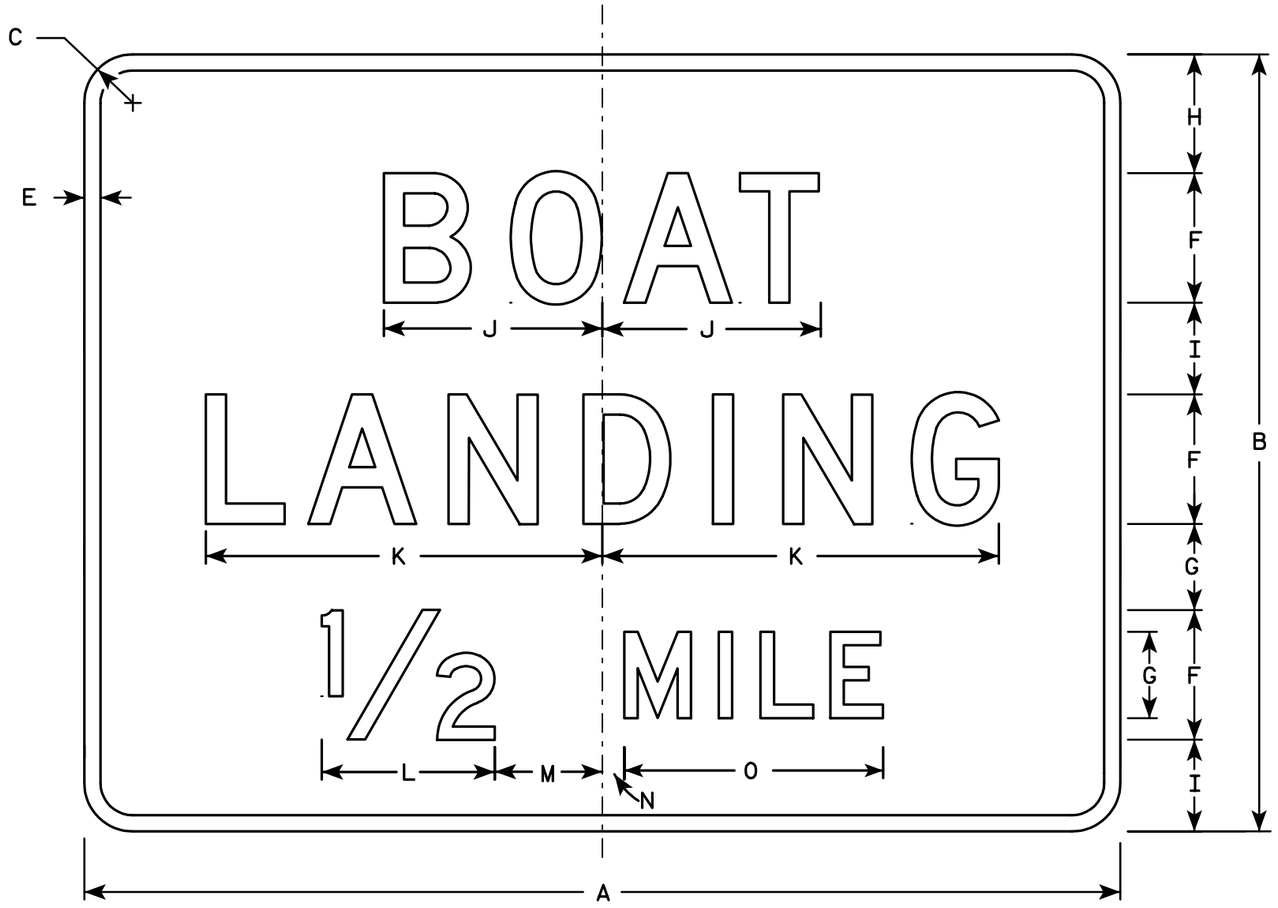
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang
for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 353	E



D7-54

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Brown
   Message - White - Type H Reflective
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Metric equivalent for this sign is:

SIZE	
1	
2	1200 mm X 900 mm
3	
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area sq
1																												
2	48	36	2 1/4		3/4	6	4	5 1/2	4 1/4	10 1/8	18 3/8	8	5	1	12												12.0	1.08
3																												
4																												
5																												

STANDARD SIGN
D7-54

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Charles J Spary for State Traffic Engineer

DATE 1/10/02 PLATE NO. D7-54.6

STATE PROJECT NUMBER: | SHEET NO: 354 | E

58,59,60,61,62,63

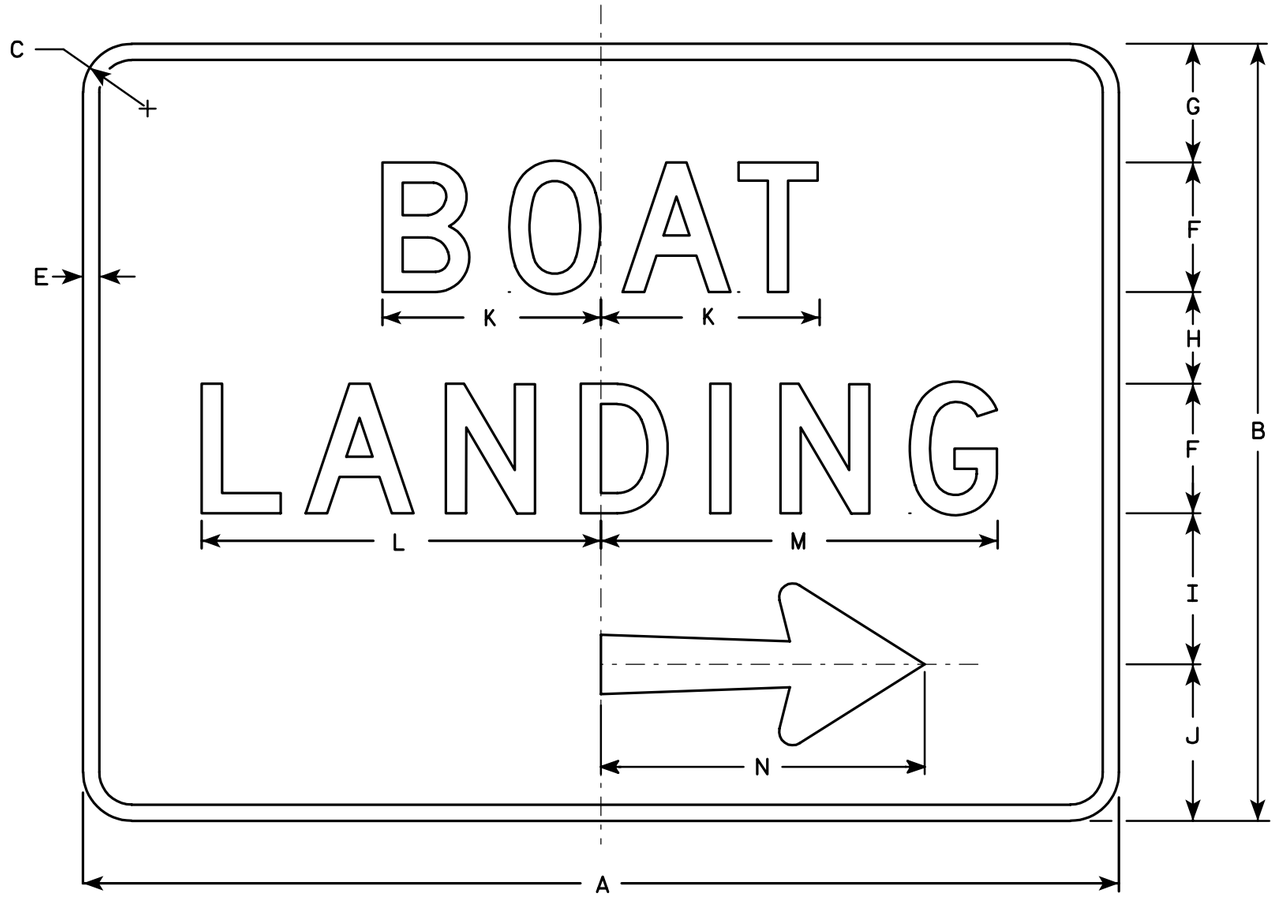
LEVELS ON • 2,3, 5,6, 10,

7

7

FILE NAME : C:\Users\Projects\tr_stdplate\D754.DGN PLOT DATE : 22-JAN-2002 08:05 ORG DATE : 6/13/97 Originator : Don Kluever

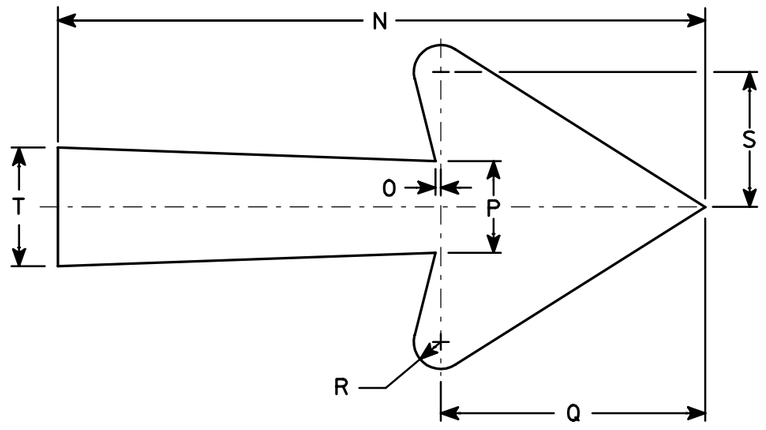
WISDOT/CADDS SHEET 42



D7-56R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Brown
   Message - White - Type H Reflective
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. D7-56L is the same as D7-56R except the arrow is reversed.



Arrow Detail

Metric equivalent for this sign is:

SIZE	
1	
2	1200 mm X 900 mm
3	
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	48	36	2 1/4		3/4	6	5 1/2	4 1/4	7	7 1/4	10 1/8	18 1/2	18 3/8	15	1/8	2 1/8	6 1/8	5/8	3 1/8	2 3/4							12.0	1.08
3																												
4																												
5																												

STANDARD SIGN
D7-56

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Sprenger for State Traffic Engineer

DATE 1/10/02 PLATE NO. D7-56.8

STATE PROJECT NUMBER:

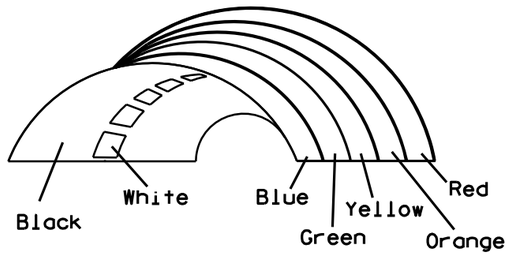
SHEET NO: 355 E



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - (See Note 5)
3. Message Series - (See Note 6)
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Border - Blue
   Line 1 - Red
   Line 2 - Black
   Line 3-5 - Blue
6. Line 1 - Dutch 8011L
   Line 2 - Series E
   Line 3-5 - Series C
7. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.

Background Colors of Symbol*



*1/4" Black Border between each color of rainbow and border of rainbow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	36	1 1/2	1/2	5/8	3	2	3 1/2	2 7/8	1	8	2 1/8	11 1/4	11 1/8	9 3/8	1 1/4		3/4	12 5/8	7 1/2							7.5
3																											
4																											
5																											

STANDARD SIGN
I55-56

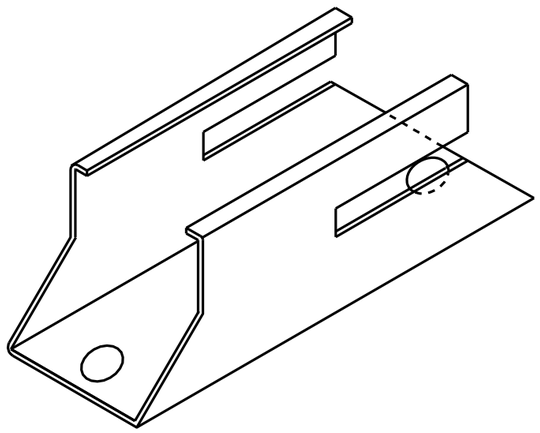
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/27/11 PLATE NO. 155-56.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 356

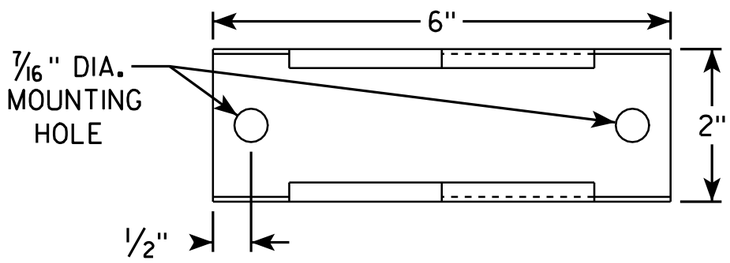
ISOMETRIC VIEW



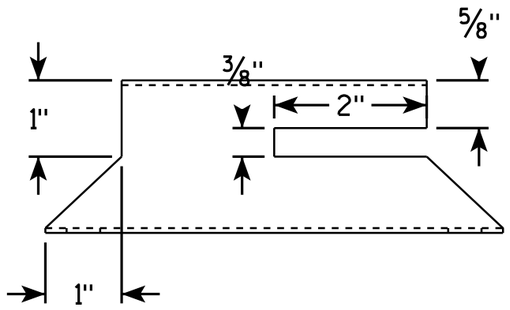
NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

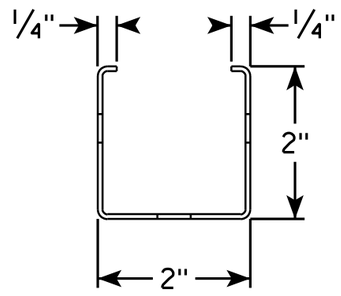
TOP VIEW



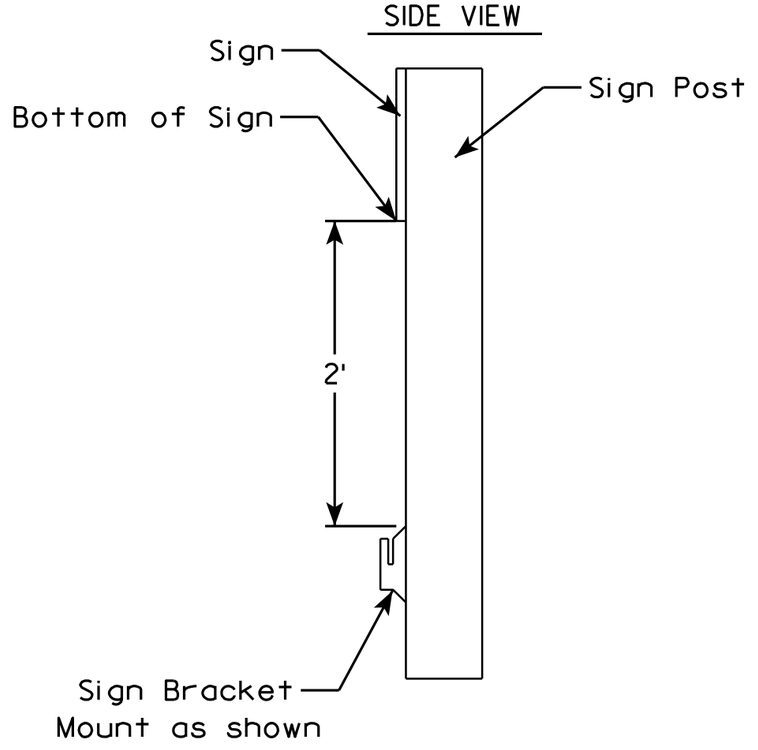
SIDE VIEW



END VIEW



SIDE VIEW



7

7

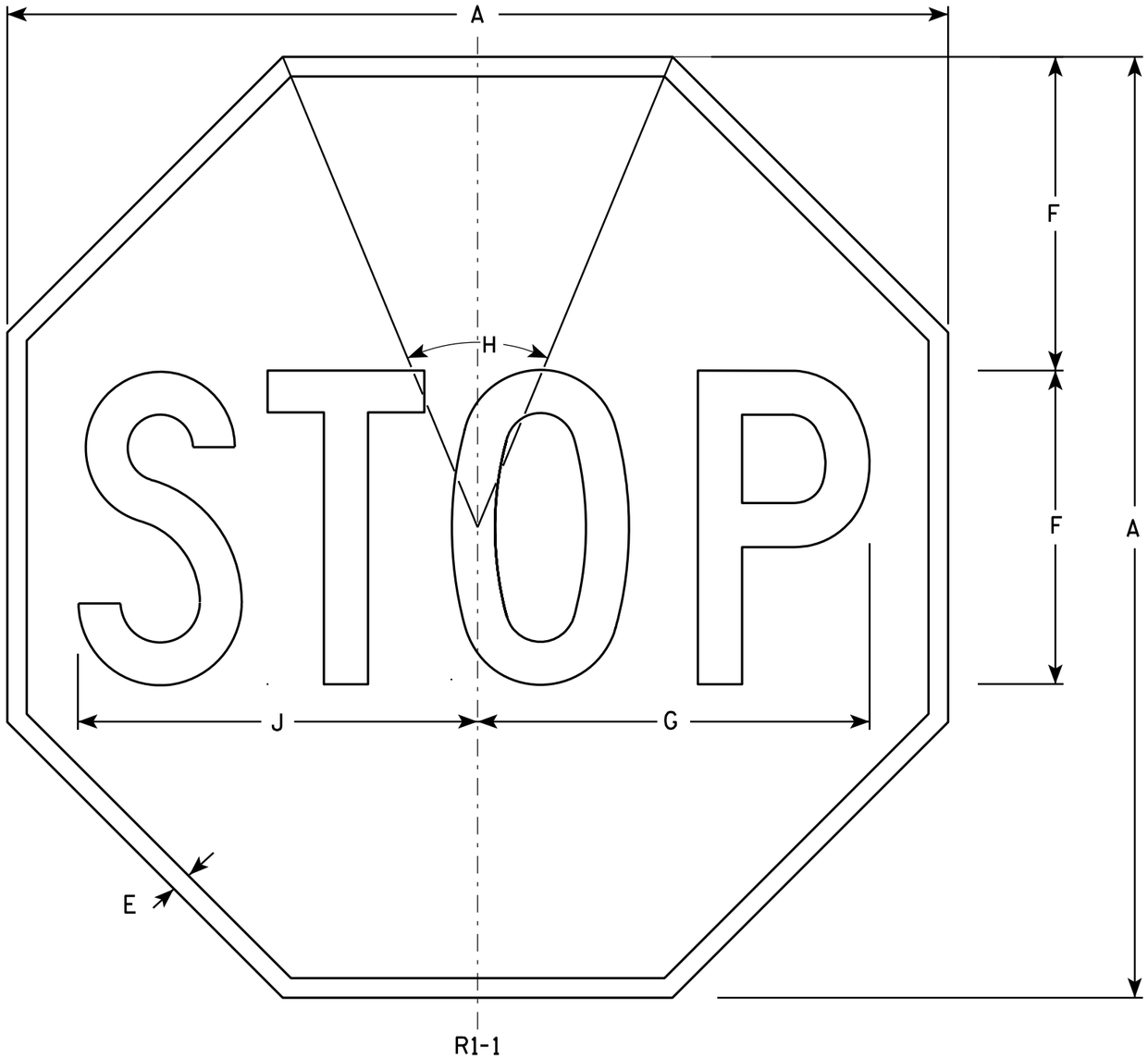
ROLLUP SIGN BRACKET
I55-56B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/10 PLATE NO. I55-56B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 357	E



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24				3/8	8	10	45°		10 1/4																	3.31
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

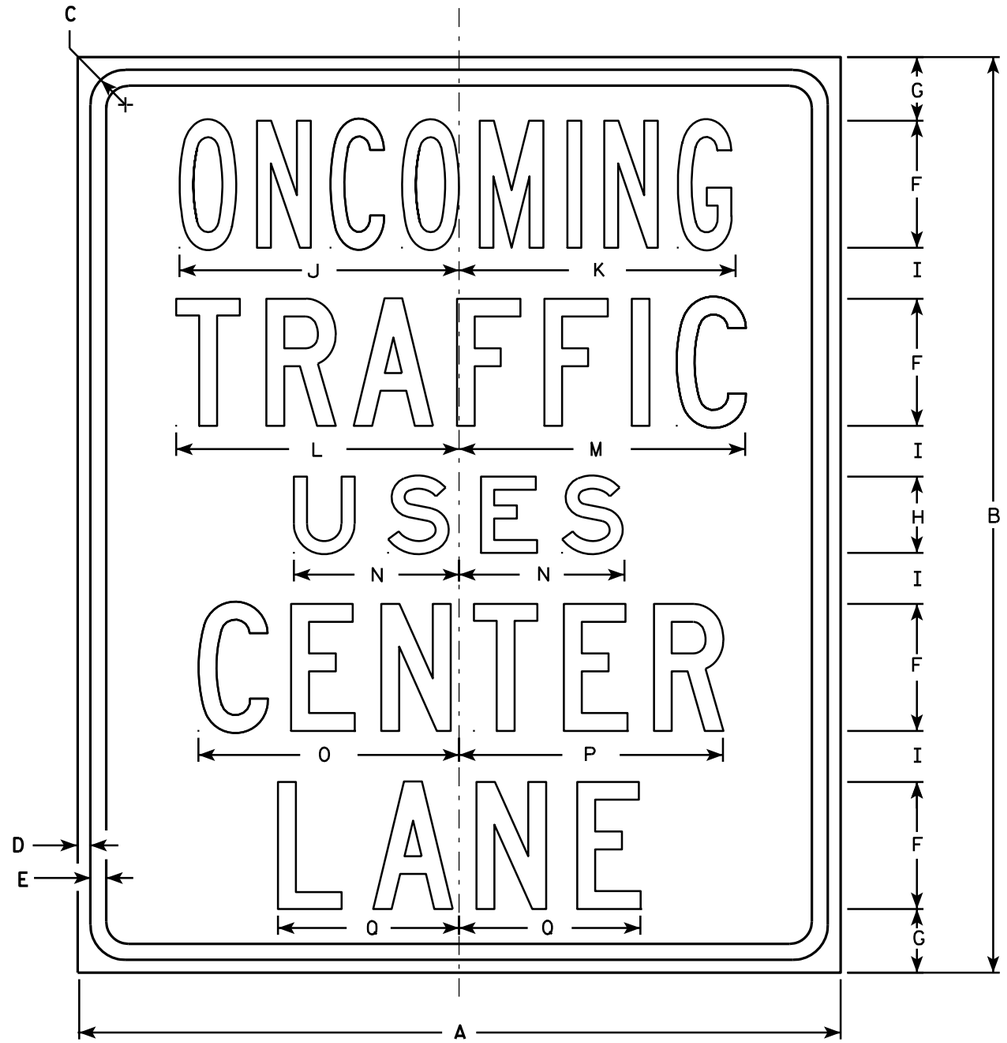
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 358	E



R3-72

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - Line 1 is Series B, Lines 2, 4 and 5 are Series C, and Line 3 is Series E.
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	36	1 3/8	1/2	5/8	5	2 1/2	3	2	11	10 7/8	11 1/8	11 1/4	6 1/2	10 1/4	10 3/8	7 1/8										7.50
2S	30	36	1 3/8	1/2	5/8	5	2 1/2	3	2	11	10 7/8	11 1/8	11 1/4	6 1/2	10 1/4	10 3/8	7 1/8										7.50
2M	30	36	1 3/8	1/2	5/8	5	2 1/2	3	2	11	10 7/8	11 1/8	11 1/4	6 1/2	10 1/4	10 3/8	7 1/8										7.50
3																											
4																											
5																											

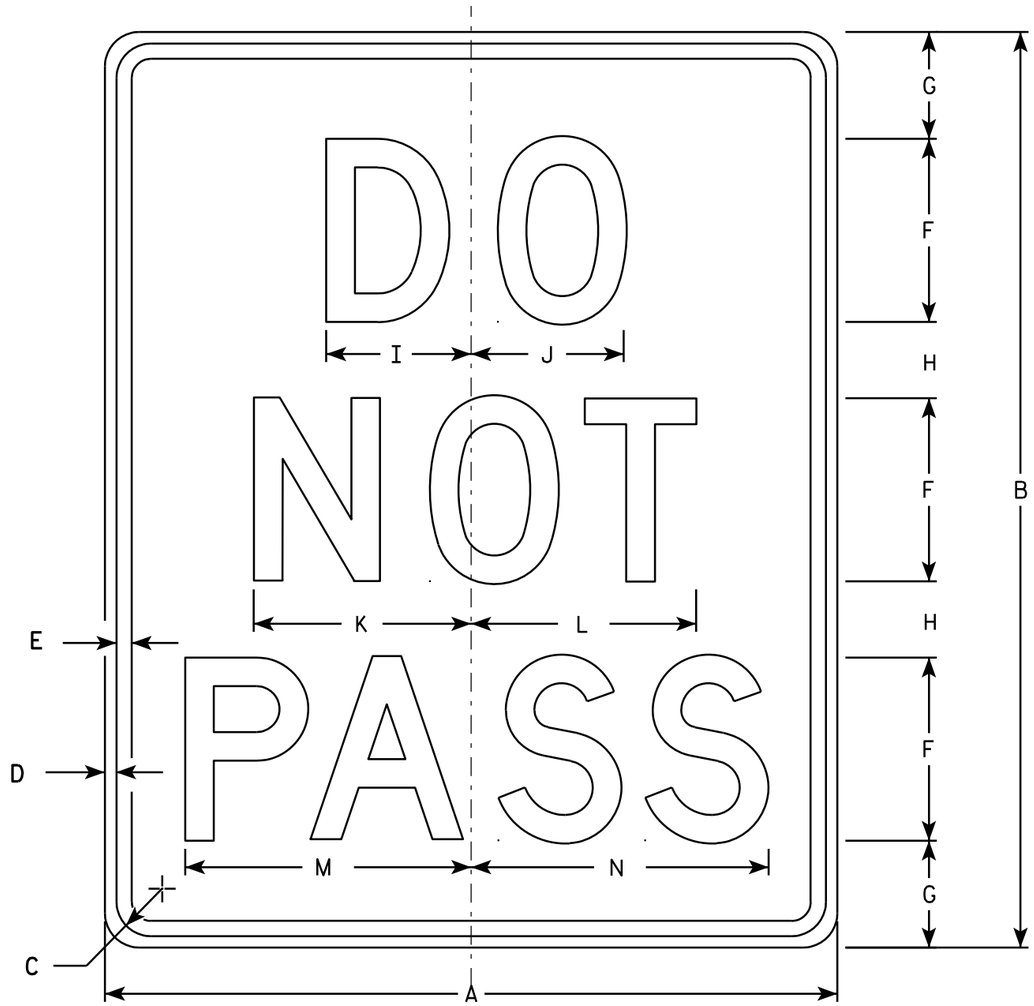
STANDARD SIGN
R3-72

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R3-72.5

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 359	E



R4-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	4	3 1/2	2 1/2	3 1/8	3 1/4	4 3/4	4 7/8	6 1/4	6 1/2													3.0
2S	24	30	1 1/8	3/8	1/2	6	3 1/2	2 1/2	4 3/4	5	7 1/8	7 3/8	9 3/8	9 3/4													5.0
2M	24	30	1 1/8	3/8	1/2	6	3 1/2	2 1/2	4 3/4	5	7 1/8	7 3/8	9 3/8	9 3/4													5.0
3																											
4	36	48	1 5/8	5/8	3/4	8	7	5	6 1/4	6 5/8	9 1/2	9 3/4	12 1/2	13													12.0
5	48	60	2 1/4	3/4	1	10	8	7	7 3/4	8 3/8	11 7/8	12 1/4	15 5/8	16 1/4													20.0

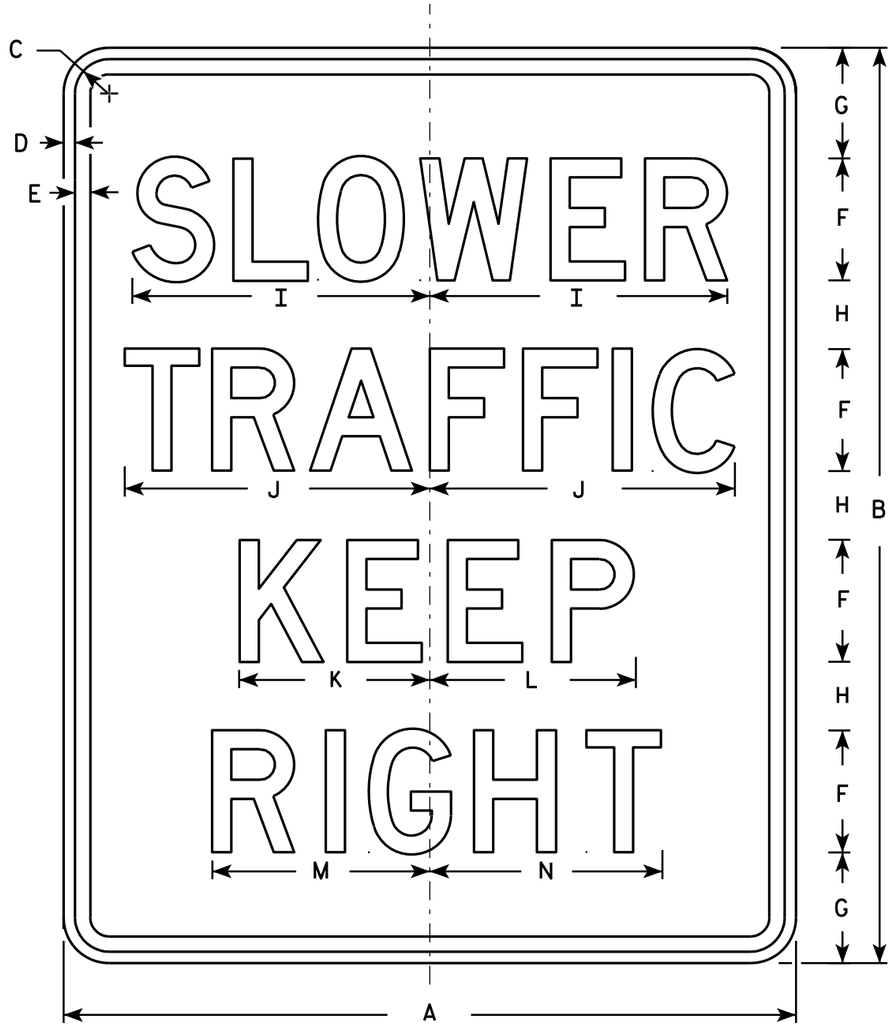
STANDARD SIGN
R4-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-1.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 360 | E



R4-3

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/8	3/8	1/2	4	3 5/8	2 1/4	9 3/4	10	6 1/4	6 3/4	7 1/8	7 5/8													5.0
2M	24	30	1 1/8	3/8	1/2	4	3 5/8	2 1/4	9 3/4	10	6 1/4	6 3/4	7 1/8	7 5/8													5.0
3	36	48	1 5/8	5/8	3/4	6	6	4	14 5/8	15	9 3/8	10	10 3/4	11 3/8													12.0
4	36	48	1 5/8	5/8	3/4	6	6	4	14 5/8	15	9 3/8	10	10 3/4	11 3/8													12.0
5	48	60	2 1/4	3/4	1	8	7 1/4	4 1/2	19 1/2	20	12 1/2	13 1/2	14 1/4	15 1/4													20.0

STANDARD SIGN
R4-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-3.8

PROJECT NO:

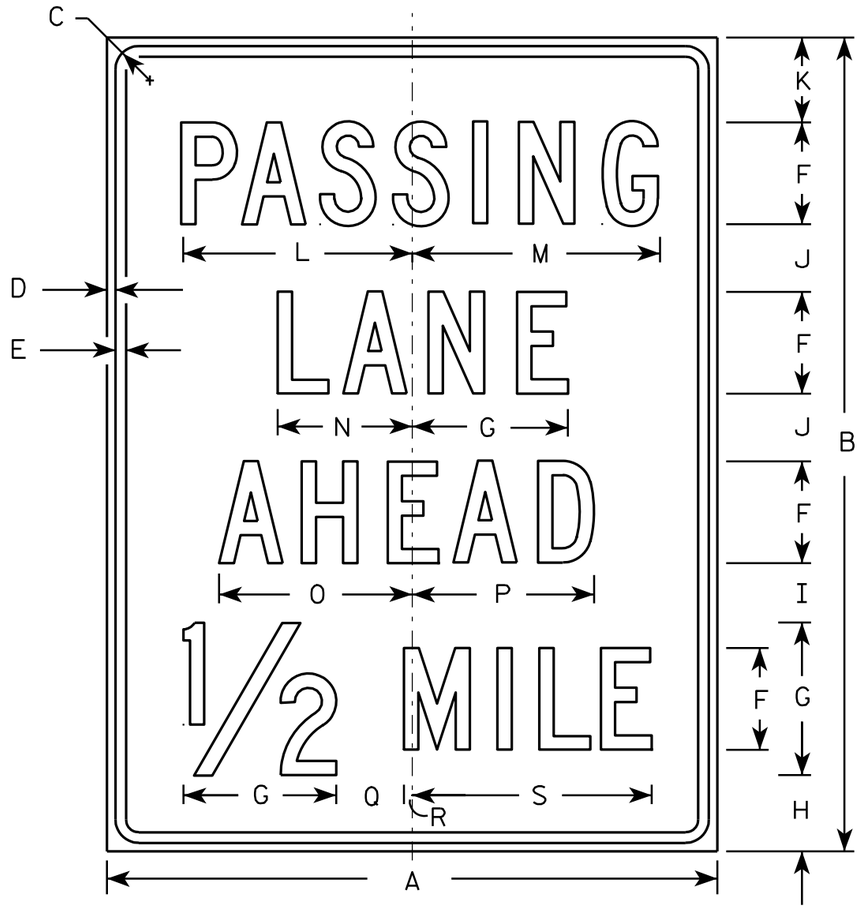
SHEET NO: 361 E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R43.DGN PLOT DATE : 25-MAR-2011 13:40 PLOT BY : mscsja

WISDOT/CADDS SHEET 42

7

7



R4-51

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36	48	1 3/8	1/2	5/8	6	9	4 1/2	3 1/2	4	5	13 5/8	14 1/2	8	11 3/8	10 3/4	4	1/2	14 1/8								12.0
2M	36	48	1 3/8	1/2	5/8	6	9	4 1/2	3 1/2	4	5	13 5/8	14 1/2	8	11 3/8	10 3/4	4	1/2	14 1/8								12.0
3																											
4																											
5																											

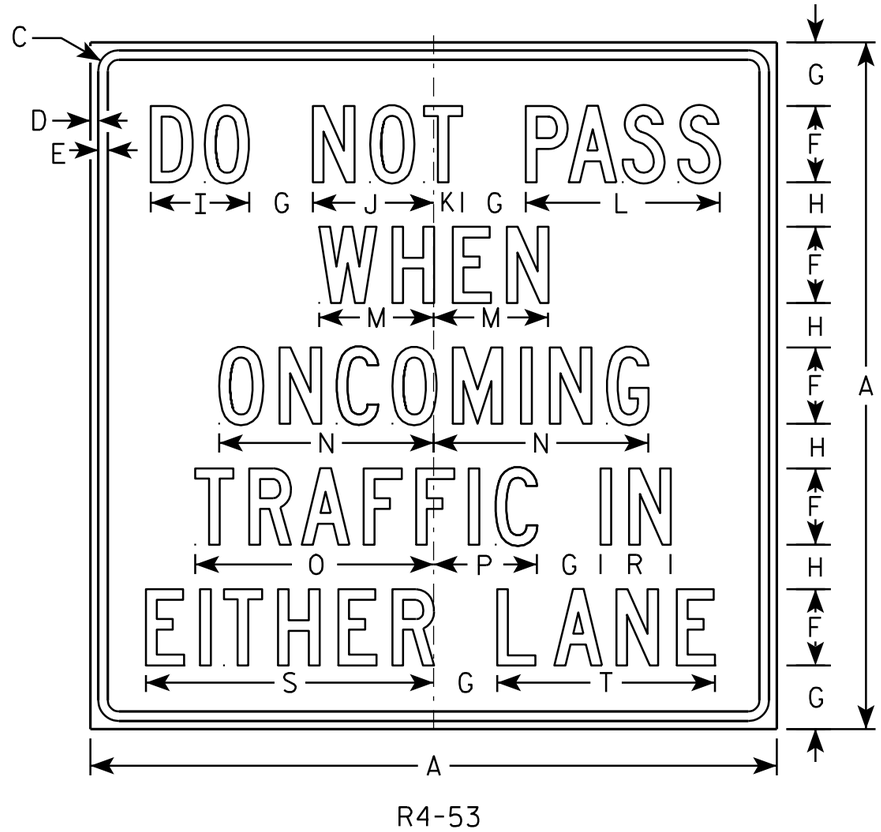
STANDARD SIGN
R4-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2011 PLATE NO. R4-51.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 362 | E



R4-53

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - WHITE
   Message - BLACK
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	54		1 5/8	5/8	3/4	6	5	3 1/2	7 3/4	9 1/2	2 1/4	15 1/4	9	16 7/8	18 3/4	8 1/8		5 1/2	22 5/8	17 1/8							20.25
2M	54		1 5/8	5/8	3/4	6	5	3 1/2	7 3/4	9 1/2	2 1/4	15 1/4	9	16 7/8	18 3/4	8 1/8		5 1/2	22 5/8	17 1/8							20.25
3																											
4																											
5																											

STANDARD SIGN
R4-53

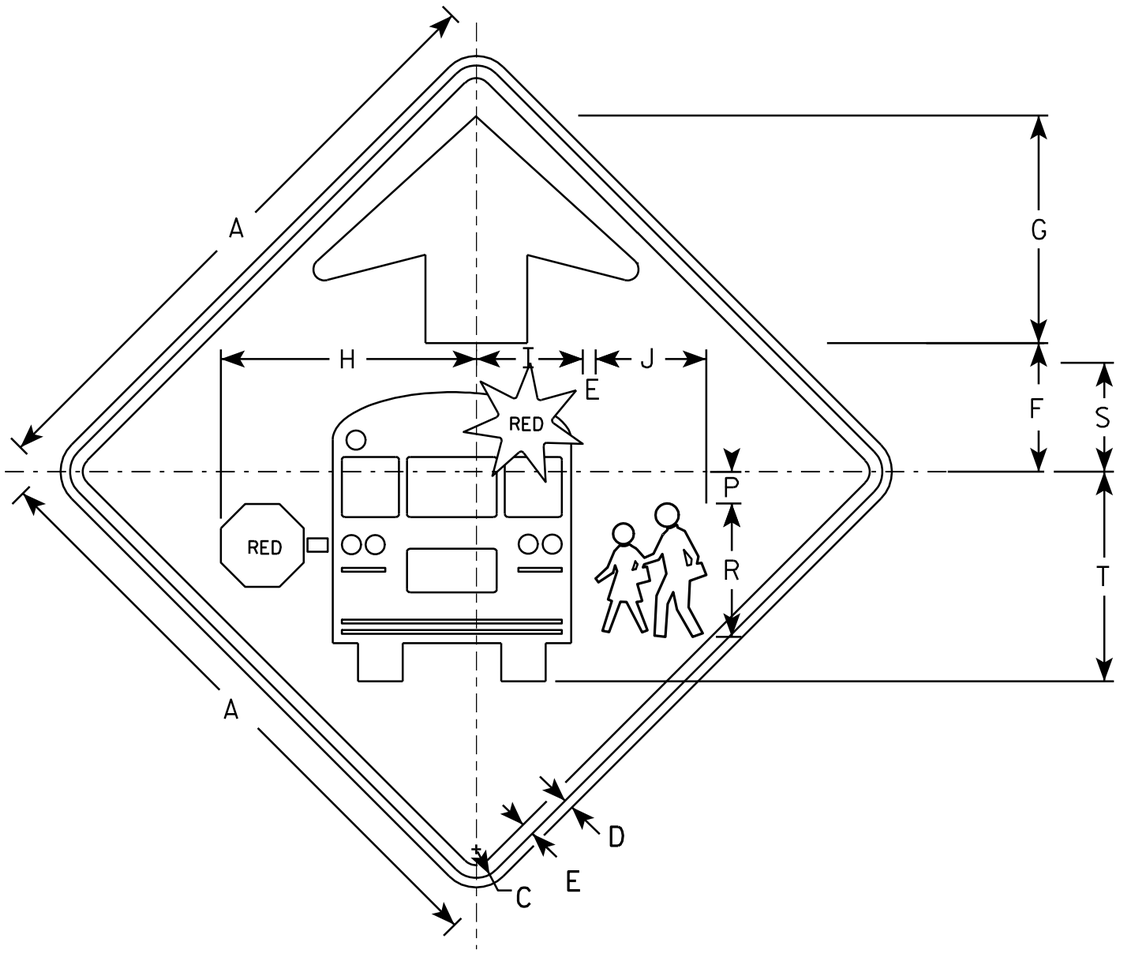
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/2/10 PLATE NO. R4-53.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 363 | E

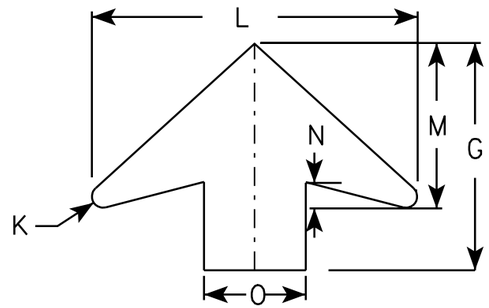
7



S3-1

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW-GREEN
   Message - BLACK except as noted
   Circles except PEDS- RED BACKGROUND
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	6 1/4	11 1/4	12 1/2	5 1/4	5 1/2	1/2	16	8	1 1/4	5	1 1/2		6 5/8	5 3/8	10 3/8							6.25
2	36		1 5/8	5/8	3/4	7 1/2	13 1/2	15 1/8	6 1/4	6 1/2	5/8	19 1/4	9 3/4	1 5/8	6	1 7/8		7 7/8	6 3/8	12 3/8							9.0
3	48		2 1/4	3/4	1	10	17 7/8	20 1/8	8 3/8	8 3/4	7/8	25 5/8	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
4	48		2 1/4	3/4	1	10	17 7/8	20 1/8	8 3/8	8 3/4	7/8	25 5/8	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
5																											

STANDARD SIGN
S3-1

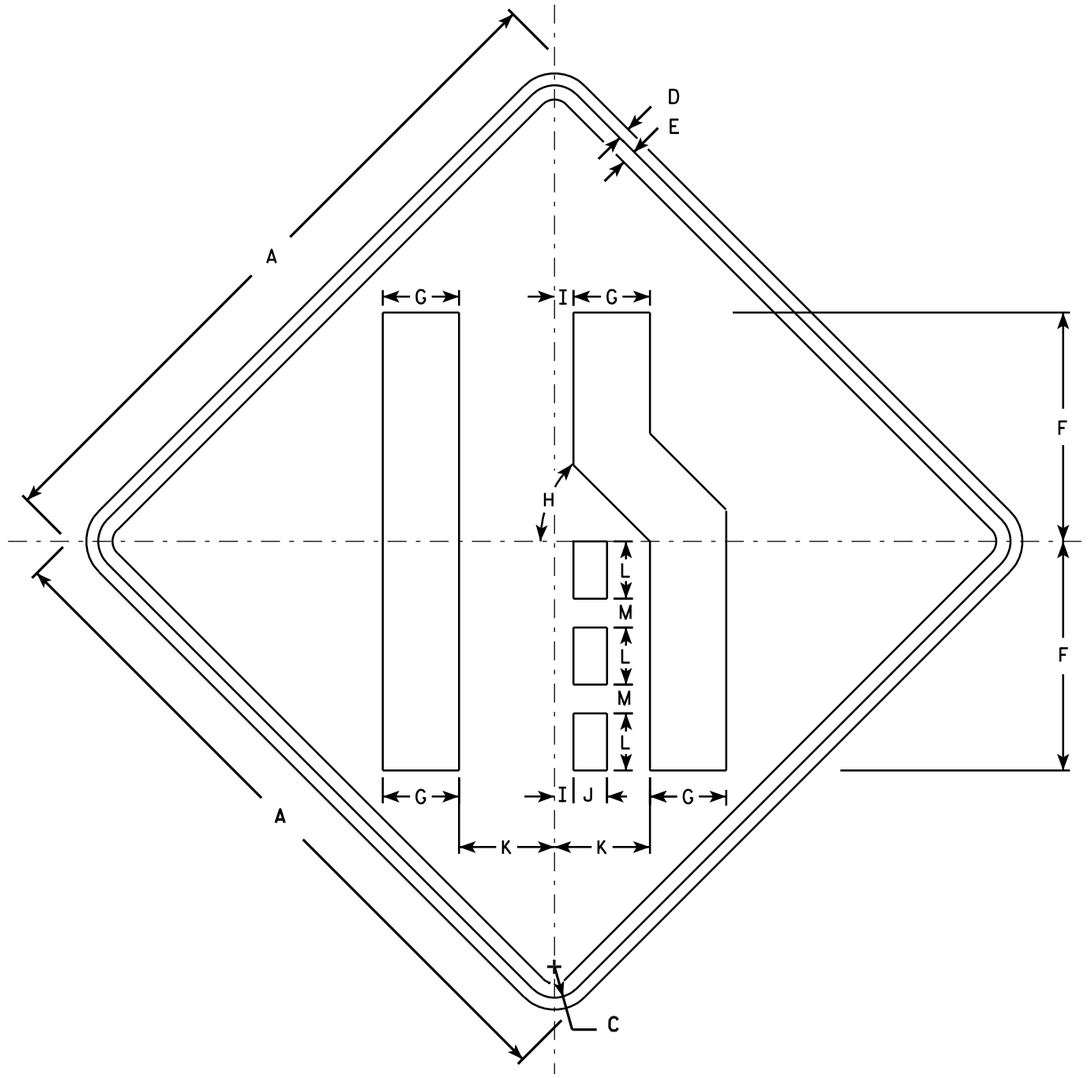
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/8/10 PLATE NO. S3-1.6

PROJECT NO:

SHEET NO: 364 E



W4-2R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W4-2L is the same as W4-2R except the symbol is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	10	3 3/8	45°	7/8	1 1/2	4 1/4	2 1/2	1 1/4														6.25
2S	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2M	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
3	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
4	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN
W4-2

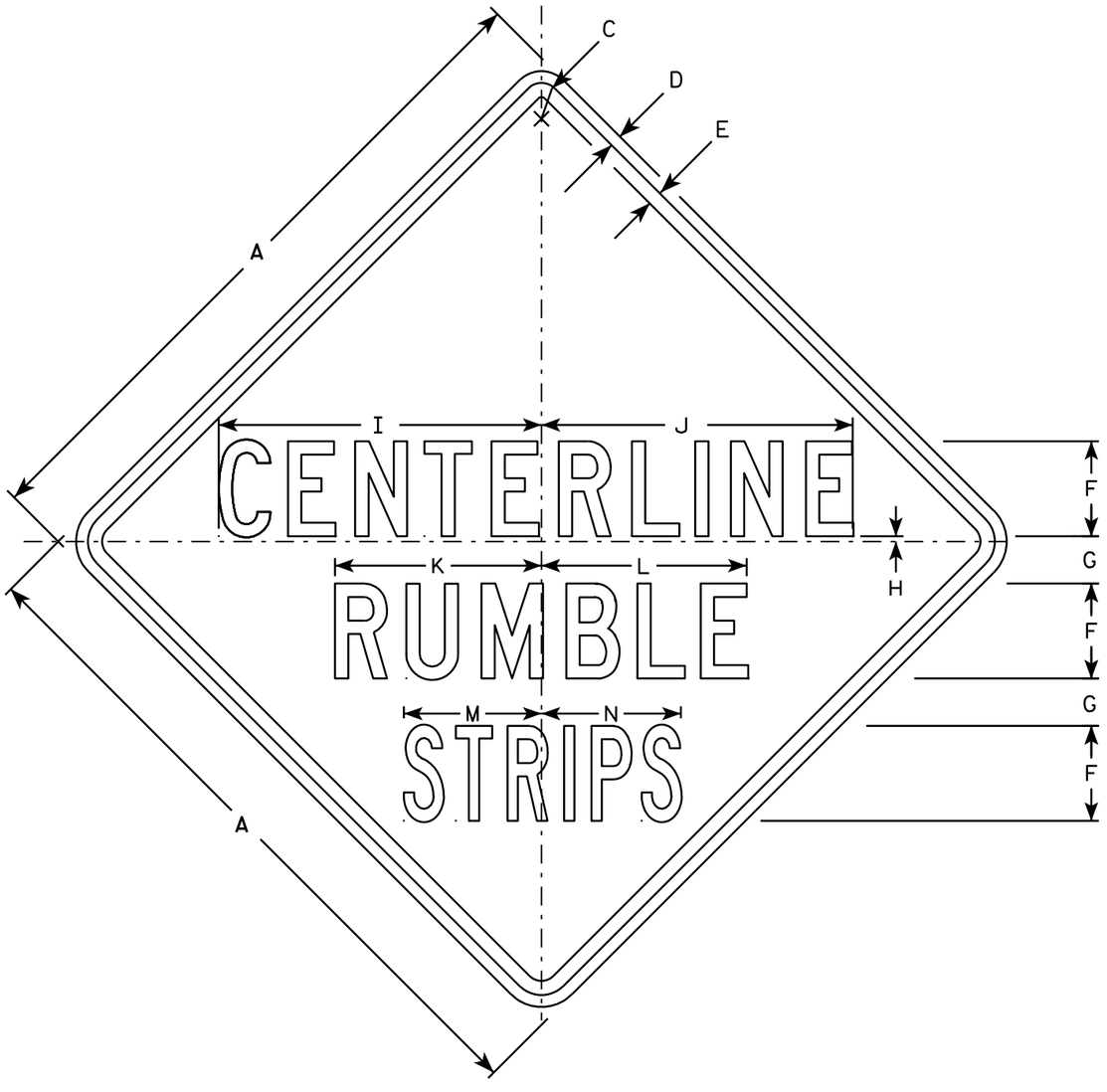
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/12/13 PLATE NO. W4-2.14

PROJECT NO:

SHEET NO: 365 E



W8-70

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   Message - BLACK
3. Message Series - SEE NOTE 5.
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 and 2 are Series C.
   Line 3 is Series B.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36		1 5/8	5/8	3/4	5	2 1/2	1/4	17	16 3/8	10 7/8	10 3/4	7 1/4	7 3/8													9.0
2M	36		1 5/8	5/8	3/4	5	2 1/2	1/4	17	16 3/8	10 7/8	10 3/4	7 1/4	7 3/8													9.0
3	36		1 5/8	5/8	3/4	5	2 1/2	1/4	17	16 3/8	10 7/8	10 3/4	7 1/4	7 3/8													9.0
4																											
5																											

STANDARD SIGN
W8-70

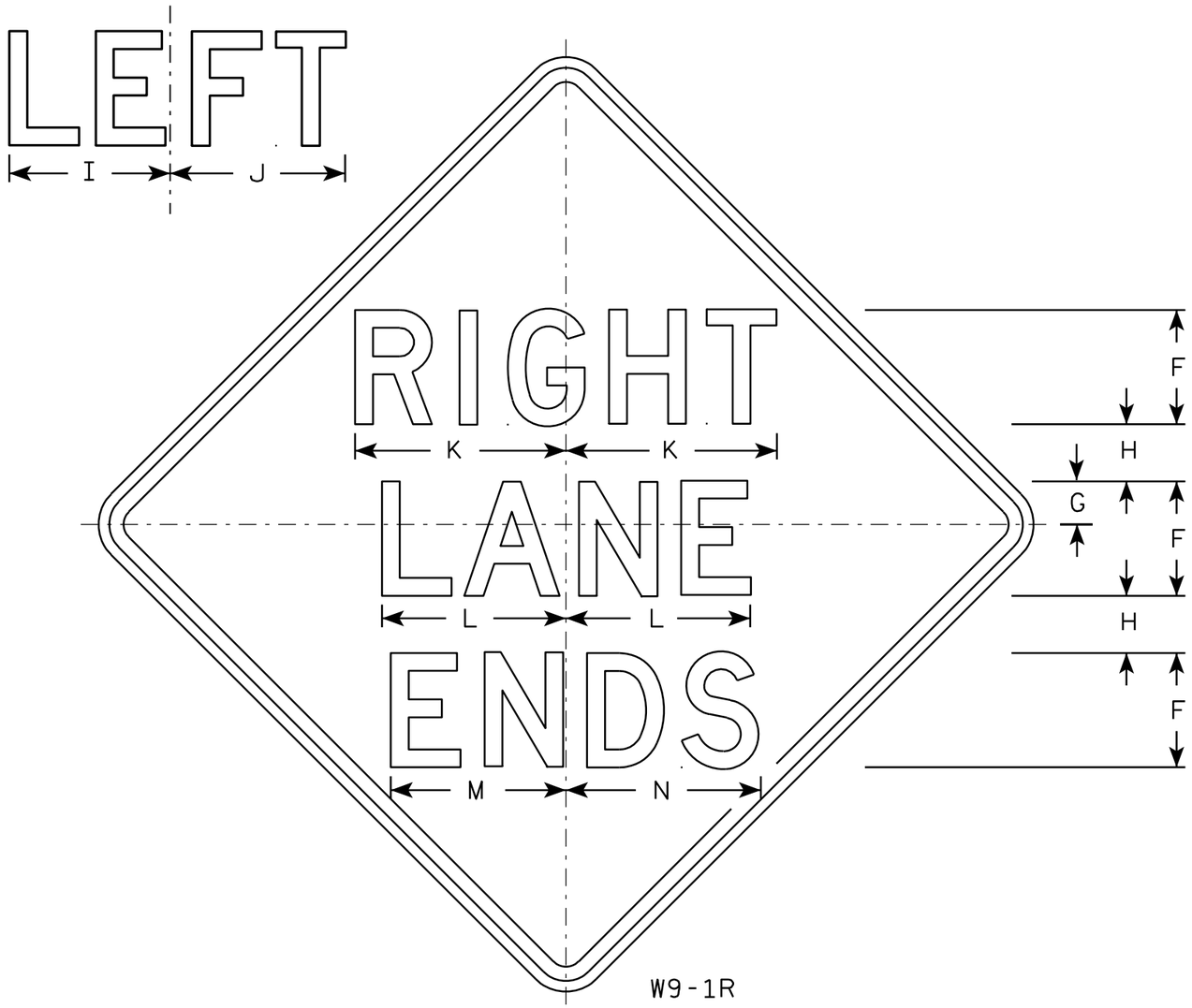
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/18/13 PLATE NO. W8-70.3

PROJECT NO:

SHEET NO: 366 E



W9-1R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. W9-1L same as W9-1R except the word Left replaces Right.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	5	1 1/2	2 1/2	7 1/8	7 5/8	9 1/4	8 1/8	7 5/8	8 5/8													6.25
2S	36		1 5/8	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
2M	36		1 5/8	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
3	36		1 5/8	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
4	36		1 5/8	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
5	48		2 1/4	3/4	1	8	3	4	11 1/4	12 1/4	14 3/4	12 7/8	12 1/4	13 5/8													16.0

STANDARD SIGN
W9-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 03/18/13 PLATE NO. W9-1.8

PROJECT NO:

SHEET NO: 367 E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W91.DGN PLOT DATE : 18-MAR-2013 11:42 PLOT BY : mscsja

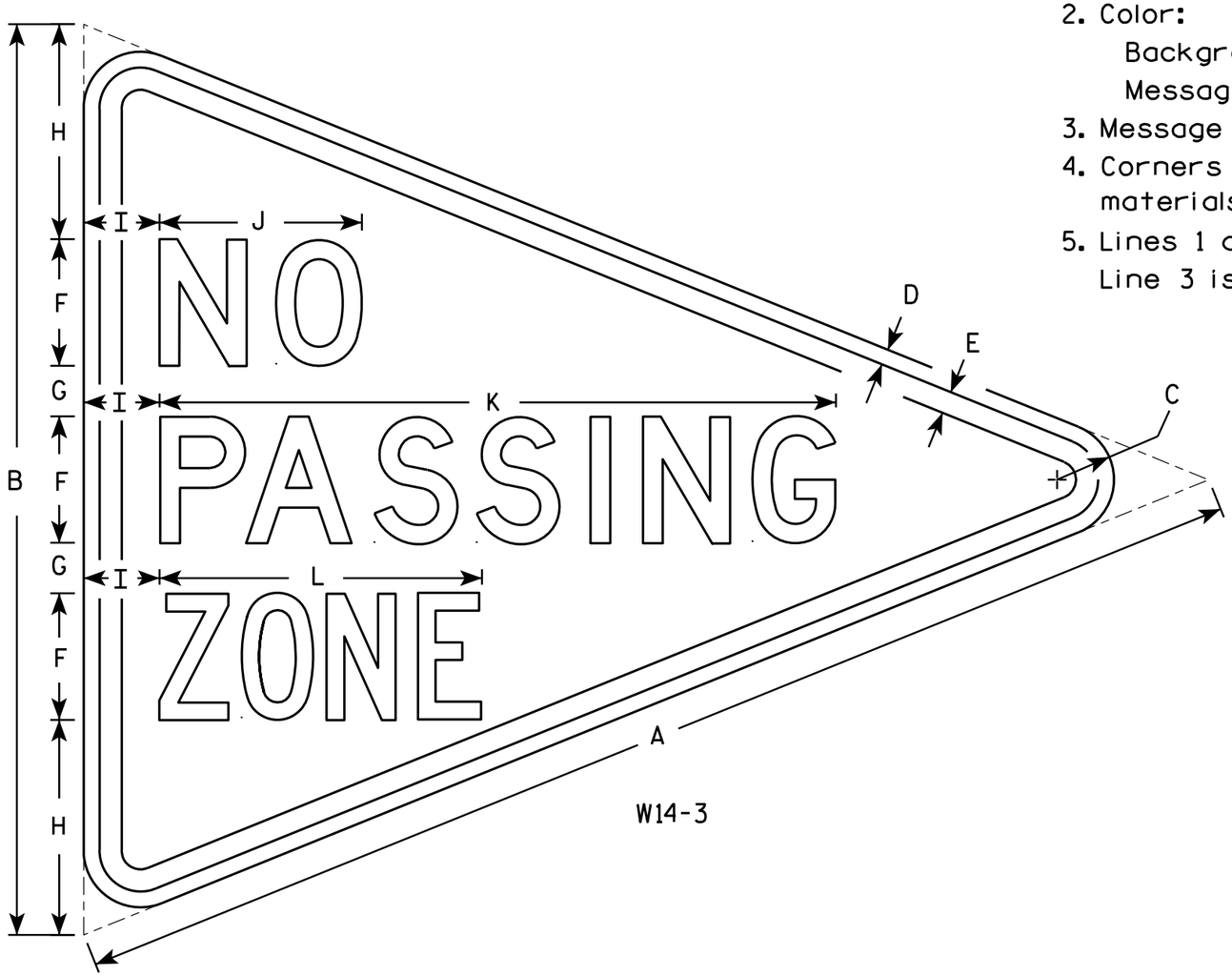
WISDOT/CADDS SHEET 42

7

7

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - See note 5
4. Corners and borders shall be rounded on all base materials for this sign.
5. Lines 1 and 2 are Series D.
   Line 3 is series C.



W14-3

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
2M	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
3	64	48	3	3/4	1 1/4	6	3	12	4	10 3/4	33 5/8	16 1/2															10.7
4																											
5																											

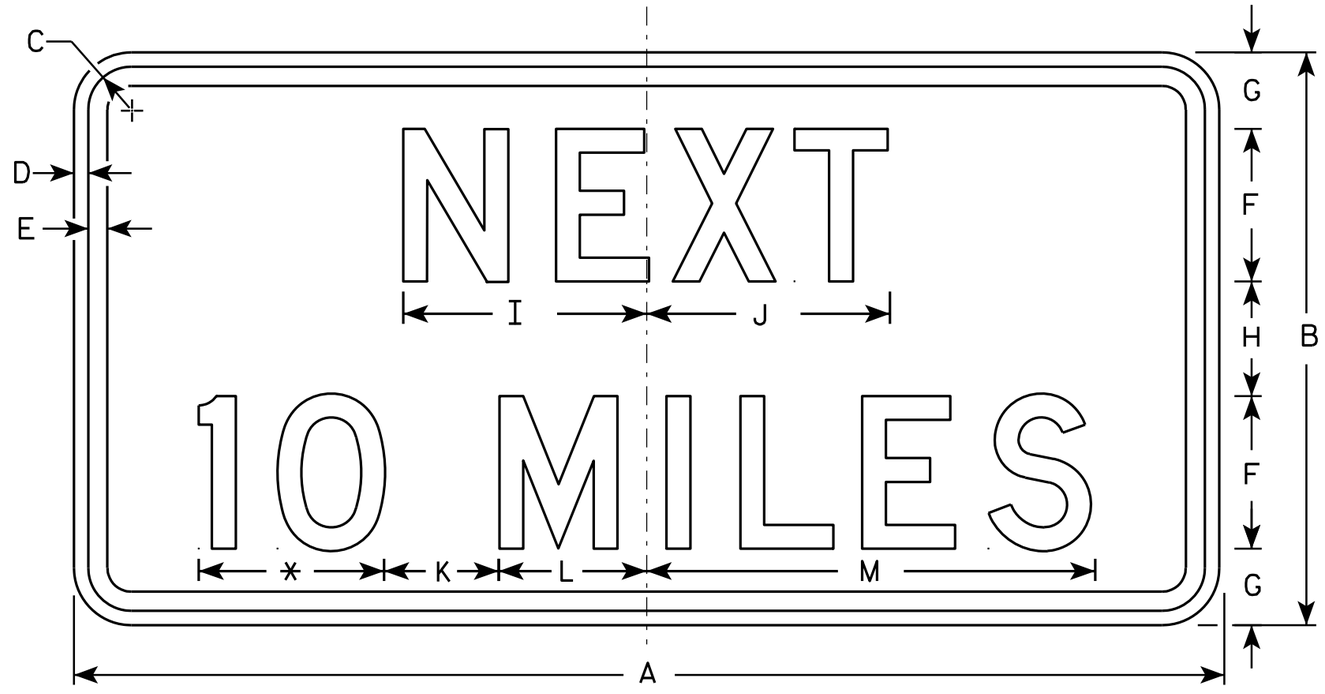
STANDARD SIGN
W14-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W14-3.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 368	E



W57-51

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

* See note 5

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	12	1 1/8	3/8	3/8	3	1 3/4	2 1/2	5	5 1/8	3	2 3/4	9 5/8														2.0
2S	30	15	1 1/8	3/8	1/2	4	2	3	6 3/8	6 3/8	3	3 7/8	11 3/4														3.13
2M	36	18	1 1/8	3/8	1/2	5	2 5/8	2 3/4	7 7/8	8	5	4 1/8	15 3/8														4.5
3	36	18	1 1/8	3/8	1/2	5	2 5/8	2 3/4	7 7/8	8	5	4 1/8	15 3/8														4.5
4	48	24	1 3/8	1/2	5/8	6	3 1/2	5	10	10 1/8	6	5 5/8	19														8.0
5	48	24	1 3/8	1/2	5/8	6	3 1/2	5	10	10 1/8	6	5 5/8	19														8.0

STANDARD SIGN
W57-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W57-51.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 369	E

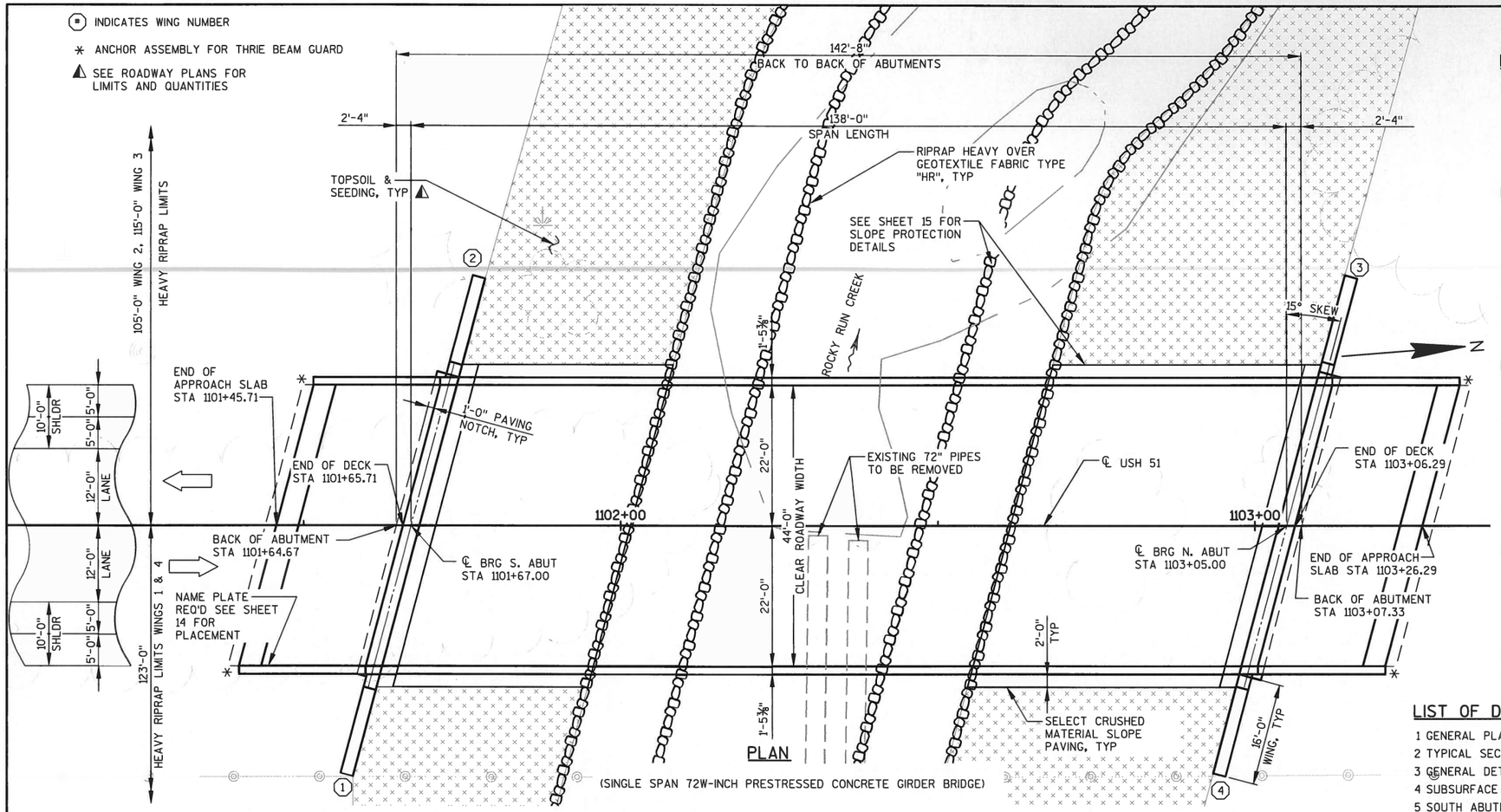
STATE PROJECT NUMBER

1177-11-70

(*) INDICATES WING NUMBER

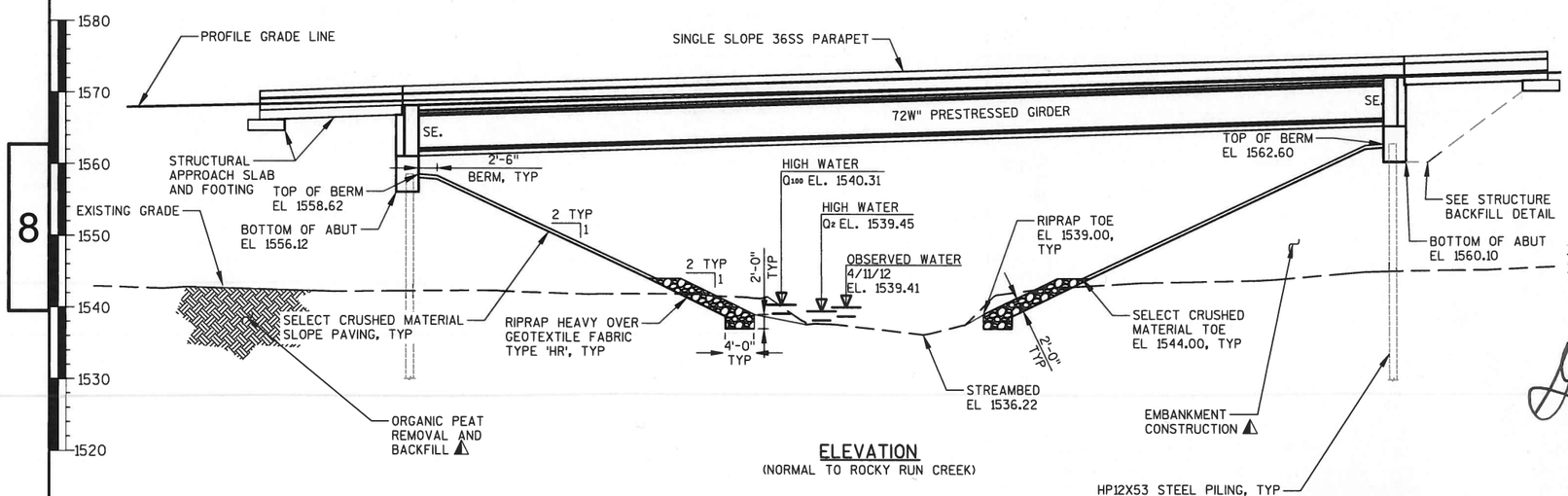
* ANCHOR ASSEMBLY FOR THRIE BEAM GUARD

⚠ SEE ROADWAY PLANS FOR LIMITS AND QUANTITIES



PLAN

(SINGLE SPAN 72W-INCH PRESTRESSED CONCRETE GIRDER BRIDGE)



ELEVATION

(NORMAL TO ROCKY RUN CREEK)

DESIGN DATA:

DESIGN LOADING	HL-93
INVENTORY RATING FACTOR	1.42
OPERATING RATING FACTOR	1.84
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV)	250 KIPS

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

ULTIMATE DESIGN STRESSES:

CONCRETE MASONRY SUPERSTRUCTURE	f'c = 4,000 psi
ALL OTHER	f'c = 3,500 psi
HIGH STRENGTH BAR STEEL REINFORCEMENT	fy = 60 ksi
72W" PRESTRESSSED GIRDERS, CONCRETE MASONRY	f'c = 8,000 psi
STRANDS - 0.6" DIAMETER WITH ULTIMATE TENSILE STRENGTH OF	fu = 270,000 psi

TRAFFIC DATA:

ADT (2016) = 6500

ADT (2036) = 8600

DESIGN SPEED = 60 MPH

FOUNDATION DATA:

ABUTMENTS SUPPORTED ON HP 12X53 STEEL PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 220* TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC EQUATION. ESTIMATED 100' LONG.

* THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

HYDRAULIC DATA:

100 YEAR FREQUENCY

Q_{100}	100 cfs
STREAM VELOCITY	1.25 fps
HIGH WATER	EL. 1540.31
WATERWAY AREA	80.21 ft²
DRAINAGE AREA	11.0 mi²
SCOUR CRITICAL CODE	8
OVERTOPPING FREQUENCY	N/A

2 YEAR FREQUENCY

Q_2	46 cfs
HIGH WATER	EL. 1539.45

LIST OF DRAWINGS:

1 GENERAL PLAN
2 TYPICAL SECTION GENERAL NOTES & QUANTITIES
3 GENERAL DETAILS
4 SUBSURFACE EXPLORATION
5 SOUTH ABUTMENT
6 SOUTH ABUTMENT DETAILS
7 NORTH ABUTMENT
8 NORTH ABUTMENT DETAILS
9 72W PRESTRESSED GIRDER DETAILS
10 INTERMEDIATE STEEL DIAPHRAGMS
11 SUPERSTRUCTURE
12 SUPERSTRUCTURE DETAILS
13 STRUCTURAL APPROACH SLAB
14 36SS SINGLE SLOPE PARAPET
15 SLOPE PROTECTION DETAILS

WISCONSIN
GARY A. RUCHTI
E-30936
MADISON
WI
PROFESSIONAL ENGINEER
11/9/15

BRIDGE OFFICE CONTACT
WILLIAM DREHER, P.E.
TELEPHONE: (608) 266-8489
CONSULTANT CONTACT
GARY RUCHTI, P.E.
TELEPHONE: (608) 273-6380

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Mead & Hunt
Mead & Hunt, Inc.
2440 Deming Way
Middleton, WI 53562
608.273.6380
www.meadhunt.com

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher SDR 11/10/15
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-43-61

USH 51 OVER ROCKY RUN CREEK

COUNTY: ONEIDA	TOWN/~~CITY/VILLAGE~~: HAZELHURST
DESIGN SPEC.: AASHTO LRFD BRIDGE DESIGN SPECIFICATION	
DESIGNED BY: RCP — DESIGN CK'D.: GAR	DRAWN BY: TAV — PLANS CK'D.: GAR

GENERAL PLAN

SHEET 1 OF 15

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FILE NAME : X:±3230300±131359.01±TECH±CAD±XXXXXXXX±DESIGN±STRUCTURE±080101_GP.DWG

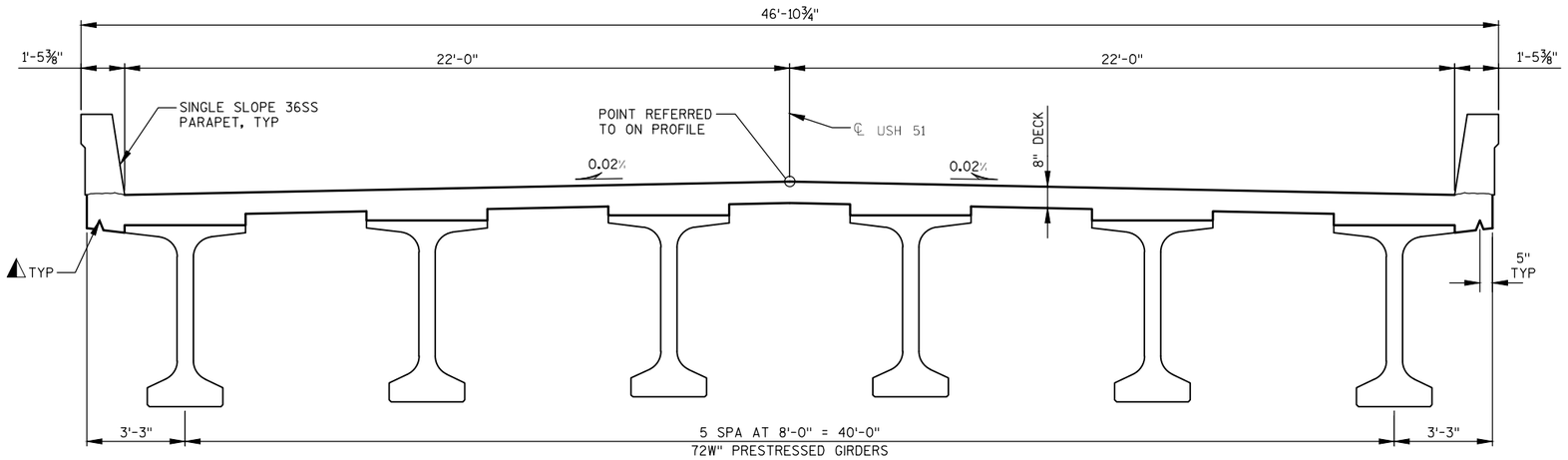
PLOT DATE : 11/9/2015

PLOT BY : ----

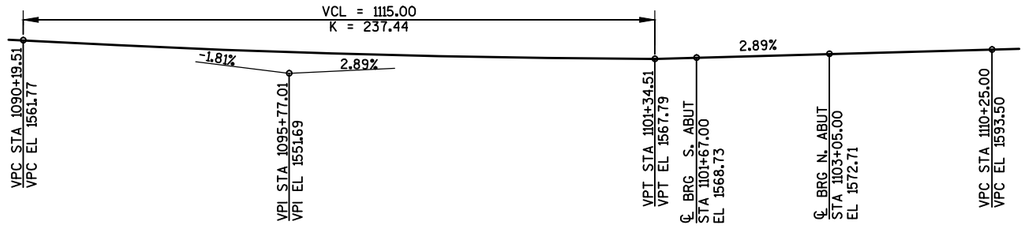
PLOT SCALE :1:1

STATE PROJECT NUMBER

1177–11–70



TYPICAL SECTION THRU BRIDGE
(LOOKING NORTH)



PROFILE GRADE LINE USH 51

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SELECT CRUSHED MATERIAL, HEAVY RIPRAP AND GEOTEXTILE FABRIC TYPE 'HR' TO THE EXTENT SHOWN ON SHEET 1 AND IN THE SLOPE PROTECTION DETAILS ON SHEET 15.

AT THE BACKFACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL.

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE PRESTRESSED GIRDER DETAILS SHEET.

ALL STATIONS AND ELEVATIONS ARE IN FEET.

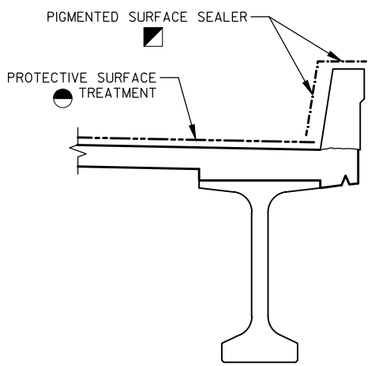
THE EXISTING STRUCTURE (C-43-9707) TO BE REMOVED CONSISTS OF TWO 72-INCH DIAMETER CONCRETE CULVERT PIPES, WITH 120 FT LONG BARRELS.

INSTALL STEEL BRIDGE PILING AFTER EMBANKMENT FILL IS COMPLETED TO BOTTOM OF THE ABUTMENT.

△ ¾" V-GROOVE. EXTEND TO 6" FROM FRONT FACE OF ABUTMENT.

◓ "PROTECTIVE SURFACE TREATMENT" TO BE PLACED ON TOP SURFACE OF BRIDGE DECK AND STRUCTURAL APPROACH SLAB.

◩ "PIGMENTED SURFACE SEALER" TO BE APPLIED TO THE FRONT FACE AND TOP OF PARAPETS.



SURFACE TREATMENT LIMITS

TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEMS	UNIT	S APPR	S ABUT	SUPER	N ABUT	N APPR	TOTALS
203.0200	REMOVING OLD STRUCTURE STATION 1102+35	LS	---	---	---	---	---	1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-43-61	LS	---	---	---	---	---	1
210.0100	BACKFILL STRUCTURE	CY	---	320	---	320	---	640
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	---	140	---	140	---	280
502.0100	CONCRETE MASONRY BRIDGES	CY	65	57	312	57	65	556
502.3200	PROTECTIVE SURFACE TREATMENT	SY	98	---	688	---	98	884
502.3210	PIGMENTED SURFACE SEALER	SY	18	---	126	---	18	162
503.0172	PRESTRESSED GIRDER TYPE I 72W-INCH	LF	---	---	834	---	---	834
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	---	3290	---	3290	---	6580
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	10850	1970	48360	1970	10850	74000
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	---	---	1570	---	---	1570
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	---	---	12	---	---	12
506.4000	STEEL DIAPHRAGMS B-43-61	EACH	---	---	10	---	---	10
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	12	---	12	---	24
550.1120	PILING STEEL HP 12-INCH X 53 LB	LF	---	1100	---	1100	---	2200
604.0600	SLOPE PAVING SELECT CRUSHED MATERIAL	SY	---	198	---	248	---	446
606.0300	RIPRAP HEAVY	CY	---	330	---	300	---	630
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	---	94	---	94	---	188
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	2	---	---	---	2	4
645.0120	GEOTEXTILE FABRIC TYPE HR	SY	---	660	---	600	---	1260
	NON BID ITEMS							
	FILLER	SIZE						1/2" & 3/4"

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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–43–61

DRAWN BY TAV | PLANS CK'D. GAR

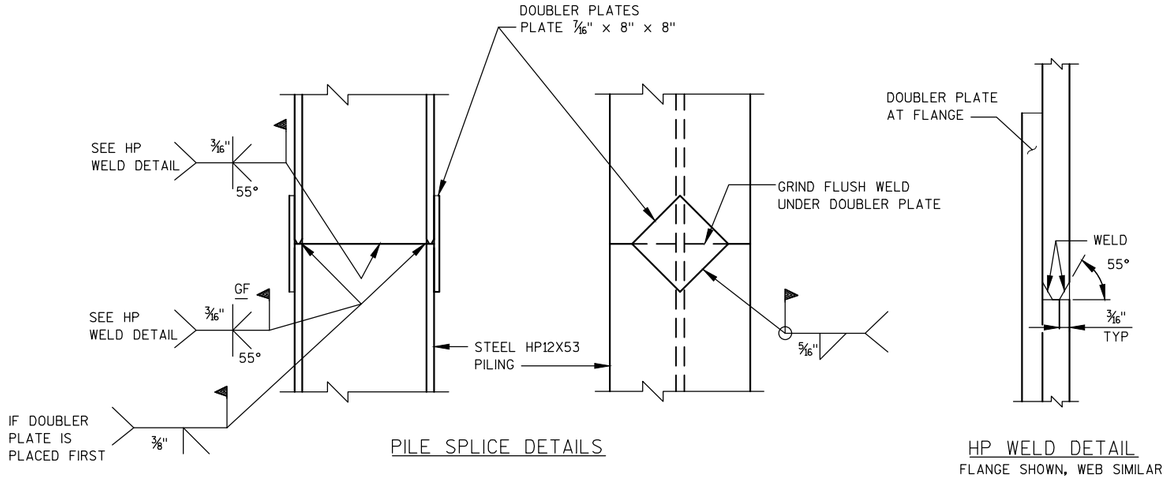
TYPICAL SECTION GENERAL NOTES & QUANTITIES

SHEET 371 OF 15

8

STATE PROJECT NUMBER

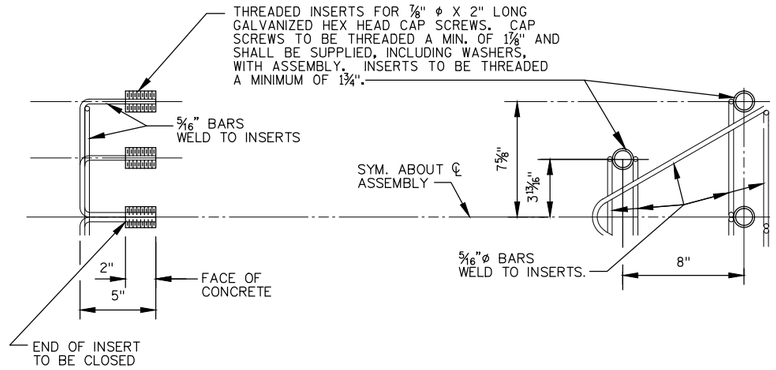
1177-11-70



PILE SPLICE DETAILS

HP WELD DETAIL

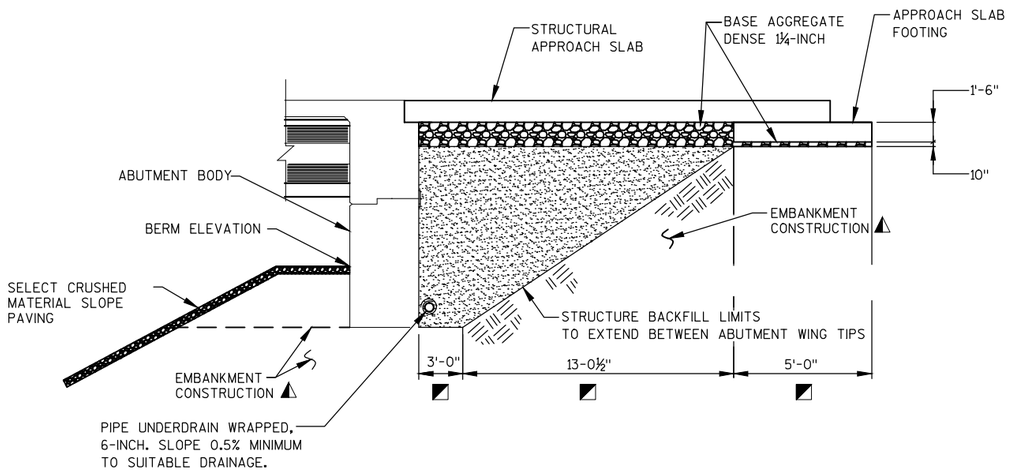
FLANGE SHOWN, WEB SIMILAR



DETAIL OF ANCHOR ASSEMBLY

NOTE: HEX HEAD CAP SCREWS & WASHERS TO BE GALVANIZED IN ACCORDANCE WITH AASHTO M232 CLASS C.

ASSEMBLY SHALL BE BID ITEM "ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD", EACH.

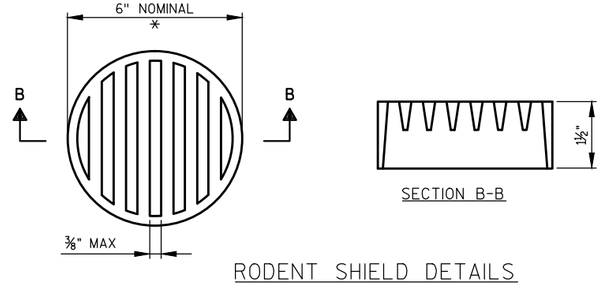


ABUTMENT BACKFILL DETAIL

(TYPICAL AT BOTH ABUTMENTS)

◭ SEE ROADWAY PLANS FOR LIMITS AND QUANTITIES

◩ DIMENSIONS GIVEN PERPENDICULAR TO ABUTMENT



RODENT SHIELD DETAILS

* DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

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STRUCTURE B-43-61

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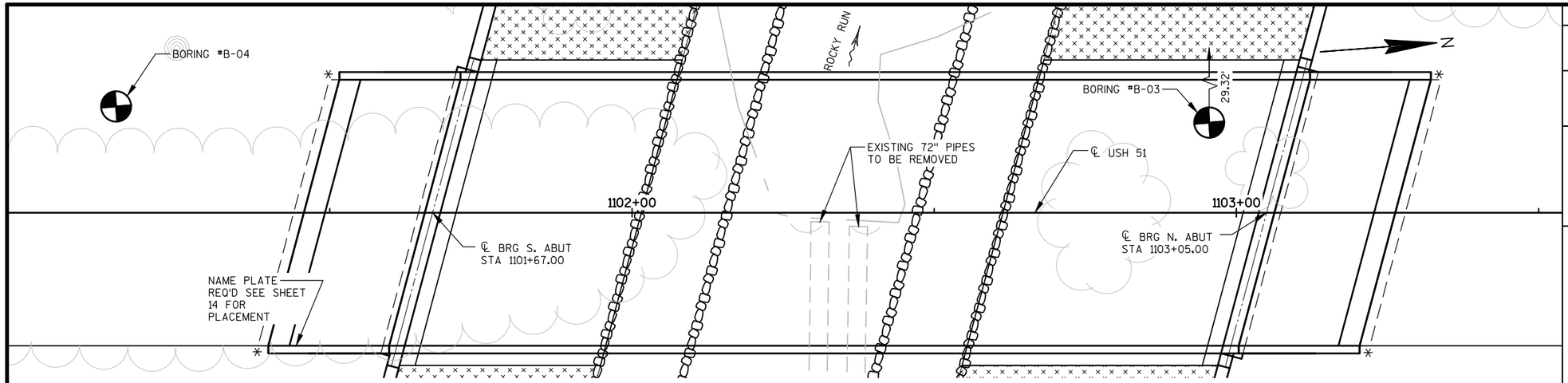
GENERAL DETAILS

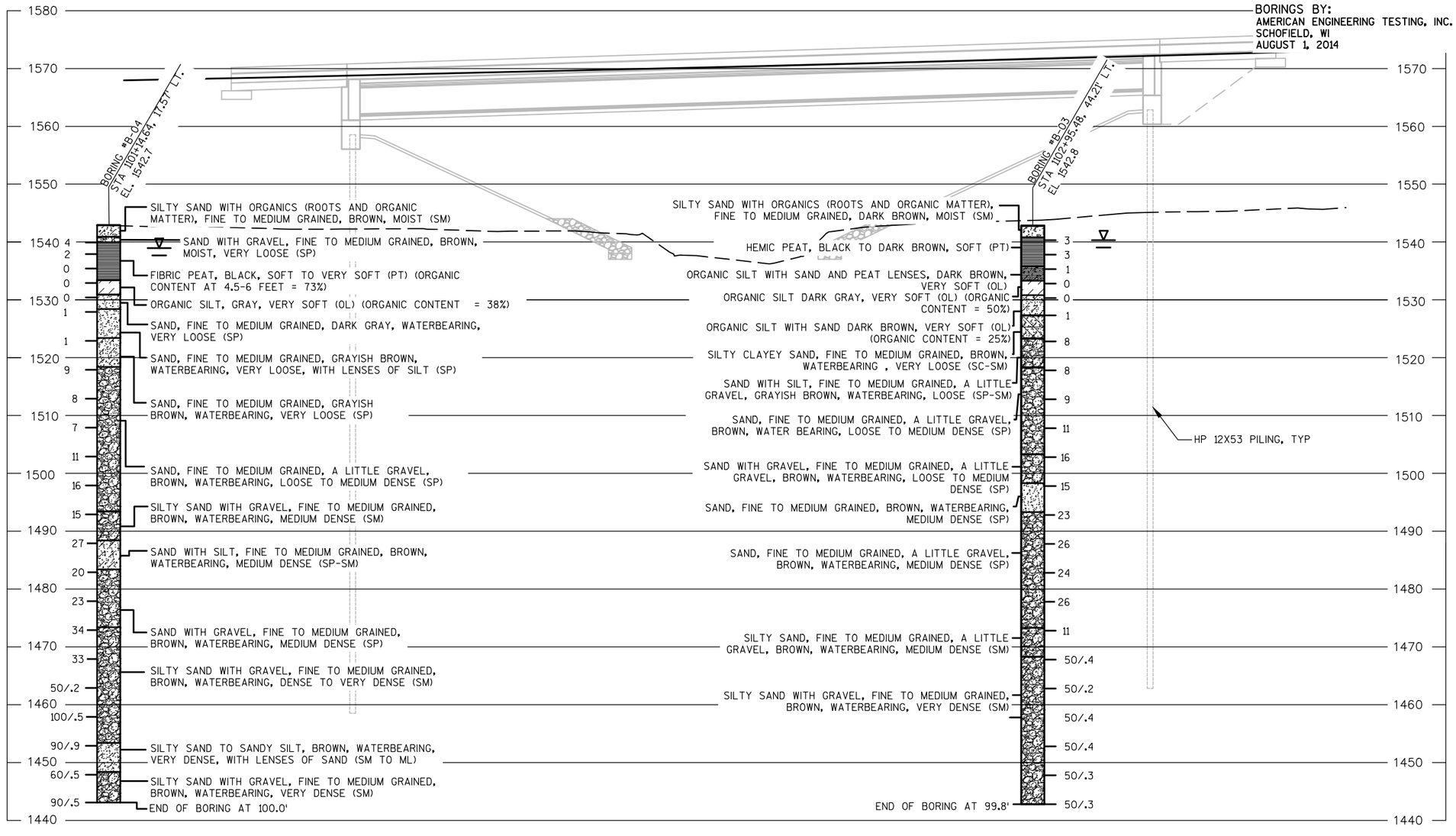
SHEET 3 OF 15

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STATE PROJECT NUMBER

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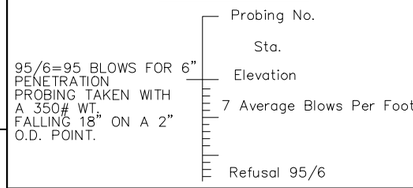
ABBREVIATIONS

F— Fine M—Medium C— Coarse
Ws— Weathered So —Sound

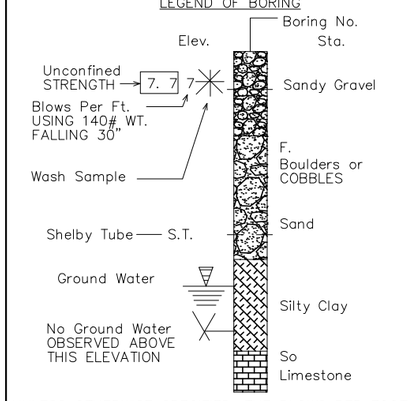
MATERIAL SYMBOLS

Asphalt, Concrete, Gravel, Silt, Peat, Clay, Sand, Air, Water

LEGEND OF PROBING



LEGEND OF BORING



UNLESS OTHERWISE SPECIFIED, THE BLOWS PER FOOT AT THE LOCATIONS INDICATED ARE BASED ON DRIVING A 2" O.D. X 1.4" I.D. SPLIT SPOON SAMPLER WITH A 140# HAMMER HAVING A FREE FALL OF 30". THE BLOW COUNT IS TAKEN IN UNDISTURBED SOIL IMMEDIATELY BELOW A CASED OR OPEN HOLE ELIMINATING SIDE FRICTION ON THE DRIVE PIPE.

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

TO OBTAIN RELATIVE DATA CONCERNING THE CHARACTER OF MATERIAL IN AND UPON WHICH THE FOUNDATION MIGHT BE BUILT, BORINGS AND/OR SOUNDINGS WERE MADE AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING. THE DATA PRESENTED HEREIN REPRESENTS THE FINDINGS OF THE SUBSURFACE EXPLORATIONS MADE. HOWEVER, BECAUSE THE DEPTHS INVESTIGATED ARE LIMITED AND THE AREA OF THE BORINGS AND/OR SOUNDINGS IS VERY SMALL IN RELATION TO THE ENTIRE AREA, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT CONDITIONS BELOW THE DEPTHS INVESTIGATED OR THAT THE CLASSIFICATION OF MATERIAL ENCOUNTERED IN THESE INVESTIGATIONS IS NECESSARILY TYPICAL OF THE ENTIRE SITE.

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STRUCTURE B-43-61

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SUBSURFACE EXPLORATION

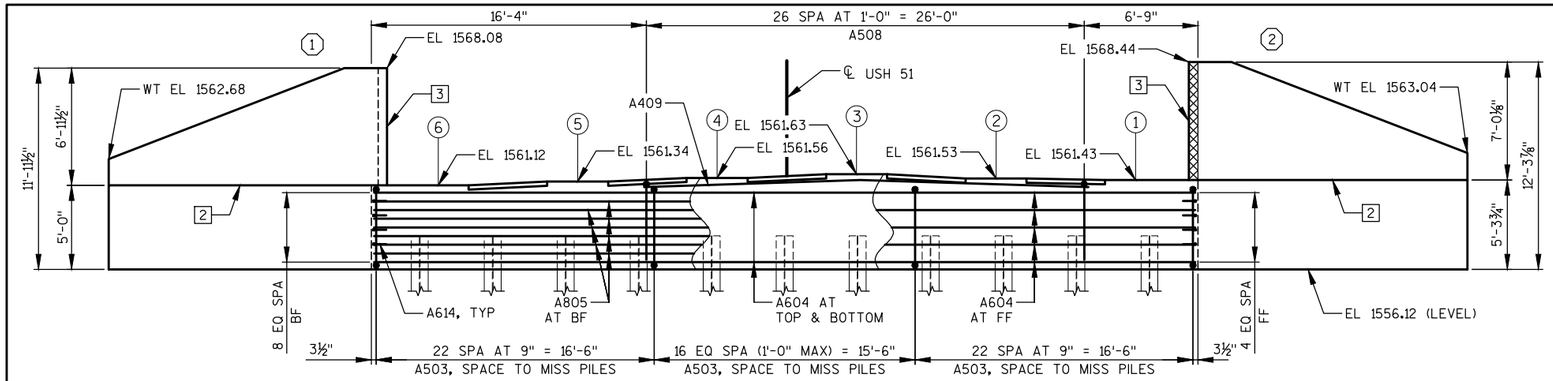
SHEET 4 OF 15
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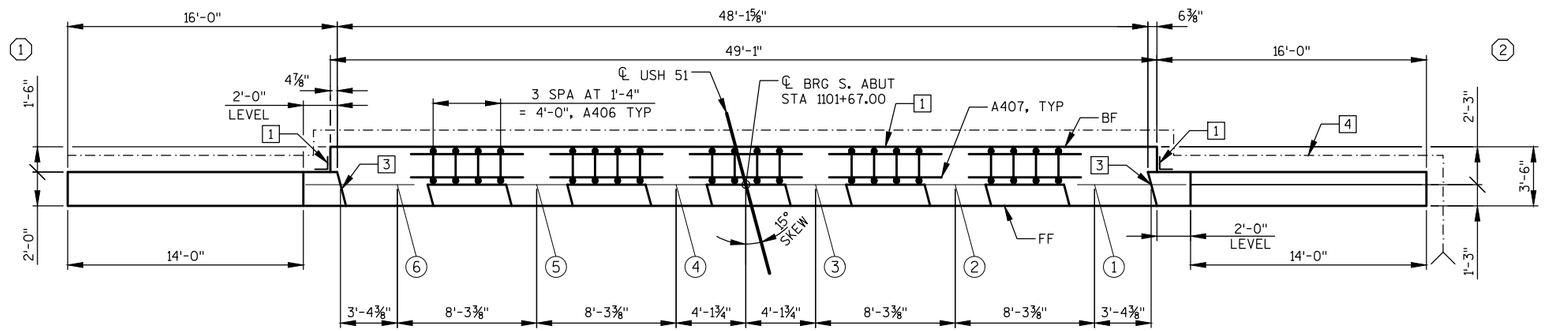
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STATE PROJECT NUMBER

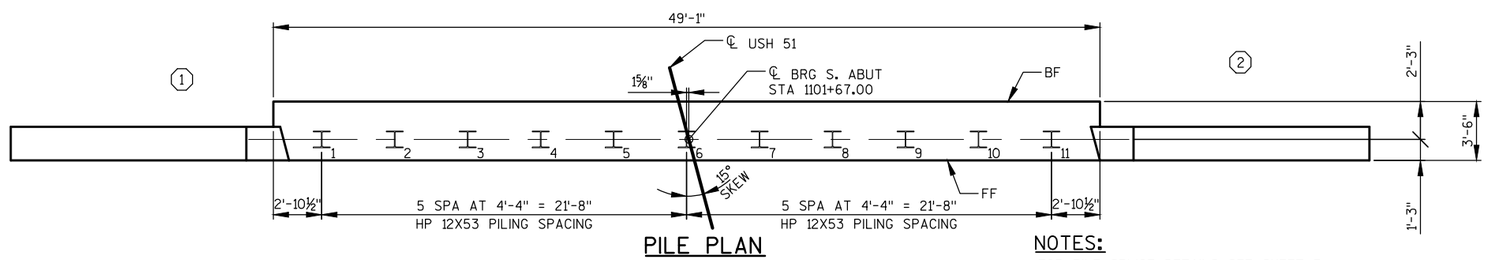
1177-11-70



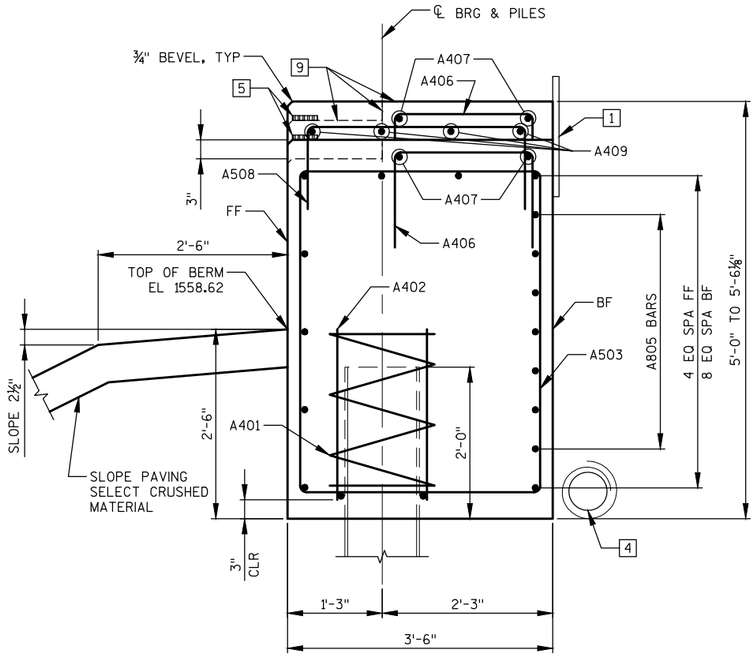
ELEVATION
(LOOKING SOUTH)



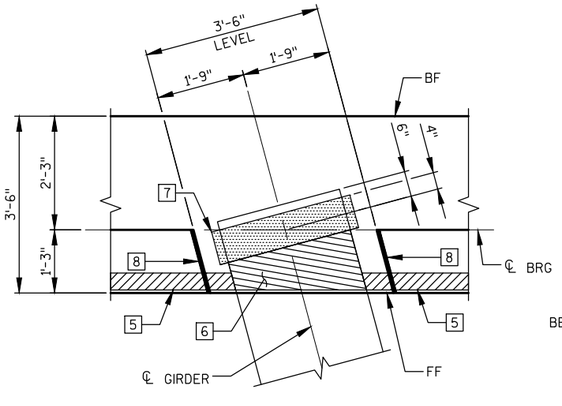
PLAN



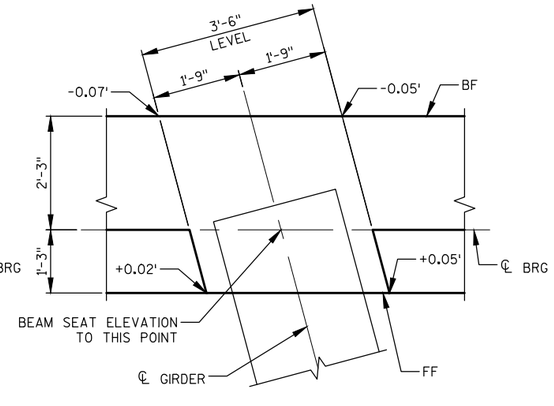
PILE PLAN



SECTION THRU ABUTMENT BODY
ALL HORIZONTAL BARS NOT LABELED ARE A604 BARS.



BEARING PAD DETAIL



SLOPING BEAM SEAT DETAIL

NOTES:

FOR PILE SPLICE DETAILS SEE SHEET 3.

PLACE ROADWAY EMBANKMENT TO BOTTOM OF SOUTH ABUTMENT EL 1556.12 BEFORE DRIVING PILING.

SOUTH ABUTMENT TO BE SUPPORTED ON HP 12X53 STEEL PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 220 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC EQUATION. ESTIMATED AT 70' LONG.

[1] 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACK FACE. EXTEND FROM BEAM SEAT TO TOP OF WING.

[2] OPTIONAL CONSTRUCTION JOINT FORMED BY BEVELED 2" X 6" KEYWAY, PROVIDE ¾" V-GROOVE AT FF AND 18" RUBBERIZED MEMBRANE WATERPROOFING ON BF OF WINGWALL IF OPTIONAL CONSTRUCTION JOINT IS USED (COST INCIDENTAL TO BID ITEM "CONCRETE MASONRY BRIDGES").

[3] ½" FILLER - TO EXTEND FROM BRIDGE SEAT TO TOP OF WING, INCLUDED IN WING LENGTH. SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF ½" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

[4] PIPE UNDERDRAIN WRAPPED (6-INCH) SLOPE 0.5% MIN TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE SHEET 3 FOR RODENT SHIELD DETAILS.

[5] 4" X ¾" FILLER LENGTH OF ABUTMENT.

[6] ¾" PERFORMED FILLER UNDER GIRDERS.

[7] NON-LAMINATED ELASTOMERIC BEARING PAD ½" X 8" X 2'-10".

[8] ¾" CORK FILLER ON VERTICAL BEAM SEAT FACES THAT RUN PARALLEL WITH GIRDER.

[9] STEEL TROWEL TOP SURFACE OF ABUTMENT. PLACE MULTIPLE LAYERS OF POLYETHYLENE SHEETS OVER ENTIRE ABUTMENT TOP BEFORE PLACING BEARING PADS AND SUPERSTRUCTURE. TOTAL THICKNESS OF ALL SHEETS TO BE AT LEAST 0.03".

(#) INDICATES WING NUMBER

(#) INDICATES GIRDER NUMBER

FF - FRONT FACE
BF - BACK FACE
WT - WING TIP

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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-43-61

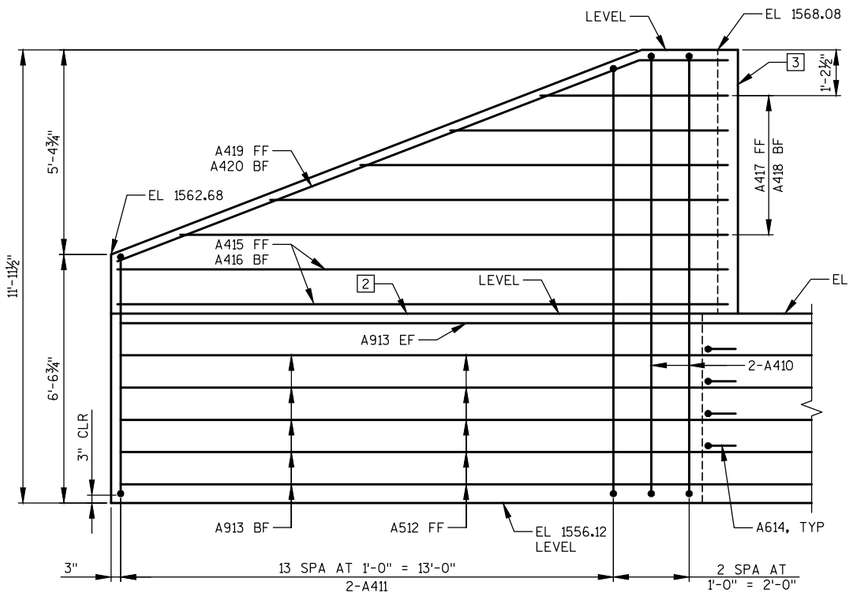
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SOUTH ABUTMENT

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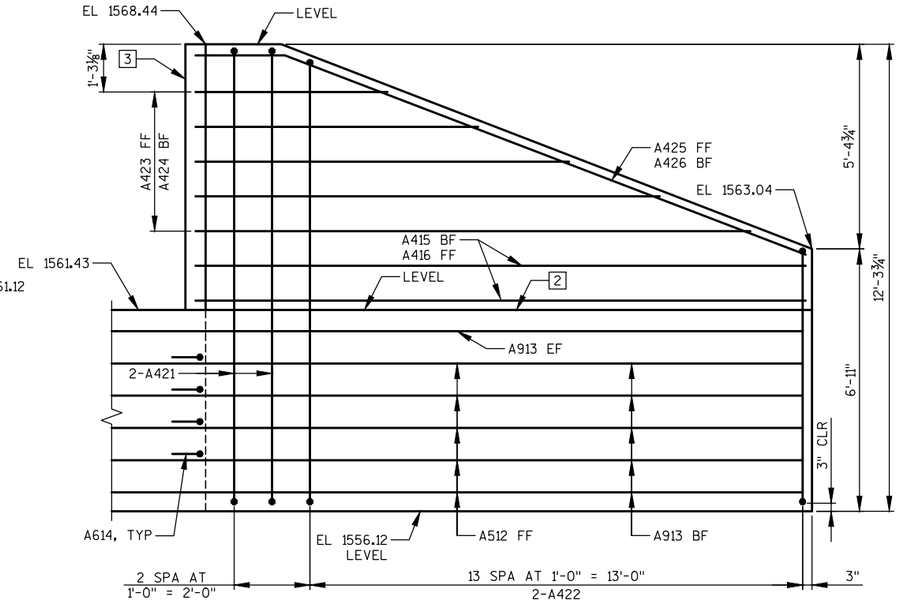
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8



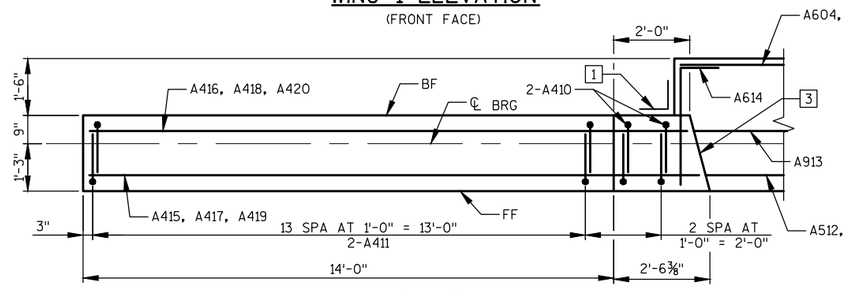
WING 1 ELEVATION

(FRONT FACE)

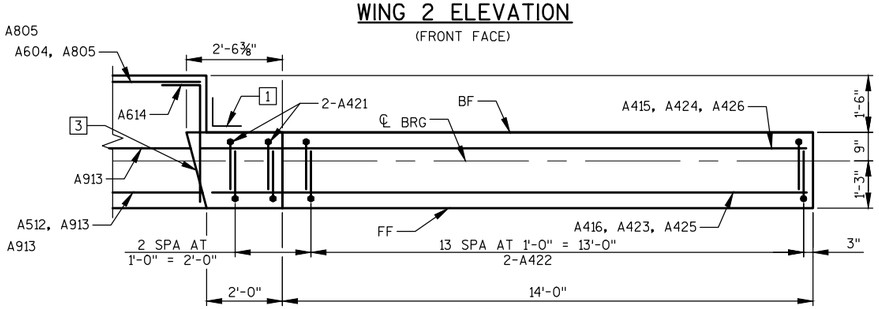


WING 2 ELEVATION

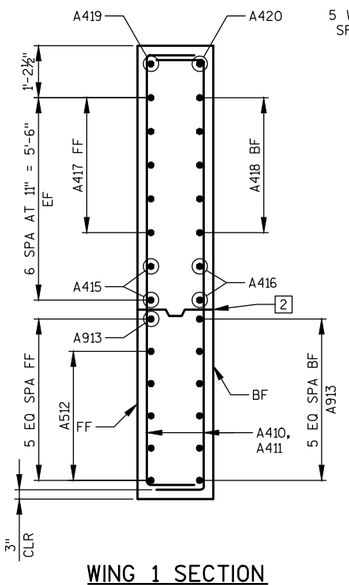
(FRONT FACE)



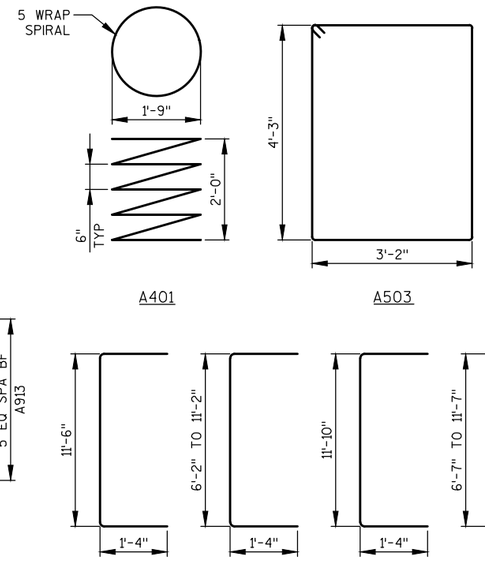
WING 1 PLAN

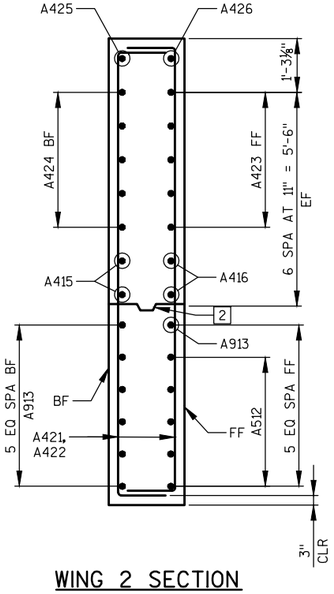


WING 2 PLAN



WING 1 SECTION





WING 2 SECTION

STATE PROJECT NUMBER

1177-11-70

BILL OF BARS
SOUTH ABUTMENT

COATED= 1970 LBS.
UNCOATED= 3290 LBS.

MARK	NUMBER COATED	NUMBER UNCOATED	LENGTH FT - IN	BENT	BAR SERIES	LOCATION	
A401		11	28 - 0	X		ABUTMENT BODY - 1 PER PILE	SPIRAL
A402		22	2 - 3			ABUTMENT BODY - 2 PER PILE	VERT
A503		61	15 - 6	X		ABUTMENT BODY - STIRRUPS	VERT
A604		11	48 - 9			ABUTMENT BODY	HORIZ
A805		7	48 - 9			ABUTMENT BODY - BF	HORIZ
A406		20	4 - 3	X		ABUTMENT BODY - SEAT STEP	VERT
A407		10	6 - 9			ABUTMENT BODY - SEAT STEP	HORIZ
A508		27	6 - 3	X		ABUTMENT BODY - TOP	VERT
A409		4	26 - 4			ABUTMENT BODY - TOP	HORIZ
A410	4		14 - 0	X		WING 1 - STIRRUPS	VERT
⚠ A411	28		11 - 2	X	X	WING 1 - STIRRUPS	VERT
A512	10		17 - 7			WINGS 1 & 2 - FF	HORIZ
A913	14		20 - 5			WINGS 1 & 2 - TOP & BF	HORIZ
A614	8		4 - 0	X		ABUTMENT BODY - ENDS	HORIZ
A415	4		16 - 1			WING 1 - FF & WING 2 - BF	HORIZ
A416	4		15 - 8			WING 1 - BF & WING 2 - FF	HORIZ
⚠ A417	5		9 - 8		X	WING 1 - FF	HORIZ
⚠ A418	5		9 - 3		X	WING 1 - BF	HORIZ
A419	1		17 - 1	X		WING 1 - FF @ TOP	HORIZ
A420	1		16 - 9	X		WING 1 - BF @ TOP	HORIZ
A421	4		14 - 4	X		WING 2 - STIRRUPS	VERT
⚠ A422	28		11 - 7		X	WING 2 - STIRRUPS	VERT
⚠ A423	5		9 - 5		X	WING 2 - FF	HORIZ
⚠ A424	5		9 - 10		X	WING 2 - BF	HORIZ
A425	1		16 - 7	X		WING 2 - FF @ TOP	HORIZ
A426	1		17 - 0	X		WING 2 - BF @ TOP	HORIZ

BAR DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT OF BARS.

THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE.

⚠ BAR SERIES TABLE

MARK	NO. REQUIRED	LENGTH
A411	2 SERIES OF 14	8'-8" TO 13'-8"
A417	1 SERIES OF 5	4'-11" TO 14'-5"
A418	1 SERIES OF 5	4'-6" TO 14'-0"
A422	2 SERIES OF 14	9'-1" TO 14'-1"
A423	1 SERIES OF 5	4'-7" TO 14'-2"
A424	1 SERIES OF 5	5'-0" TO 14'-7"

NOTES:

1. 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACK FACE. EXTEND FROM BEAM SEAT TO TOP OF WING.
2. OPTIONAL CONSTRUCTION JOINT FORMED BY BEVELED 2" X 6" KEYWAY, PROVIDE ¾" V-GROOVE AT FF AND 18" RUBBERIZED MEMBRANE WATERPROOFING ON BF OF WINGWALL IF OPTIONAL CONSTRUCTION JOINT IS USED (COST INCIDENTAL TO BID ITEM "CONCRETE MASONRY BRIDGES").
3. ½" FILLER - TO EXTEND FROM BRIDGE SEAT TO TOP OF WING, INCLUDED IN WING LENGTH. SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF ½" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

⚠ LENGTH SHOWN IS AN AVERAGE LENGTH FOR USE CALCULATING BAR WEIGHT ONLY. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

FF - FRONT FACE
BF - BACK FACE
EF - EACH FACE
WT - WING TIP

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-43-61

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SOUTH ABUTMENT DETAILS

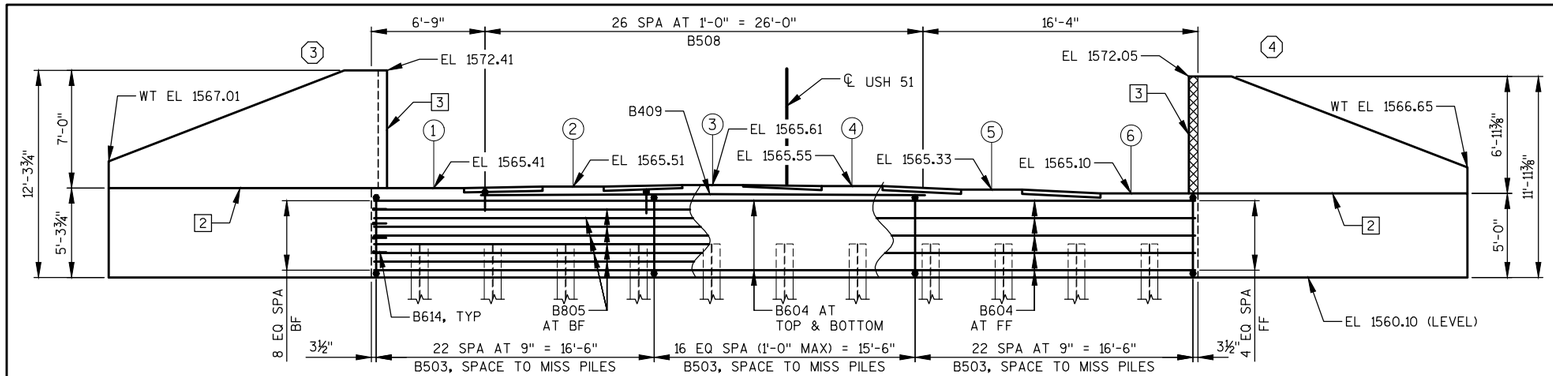
SHEET 6 OF 15
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8

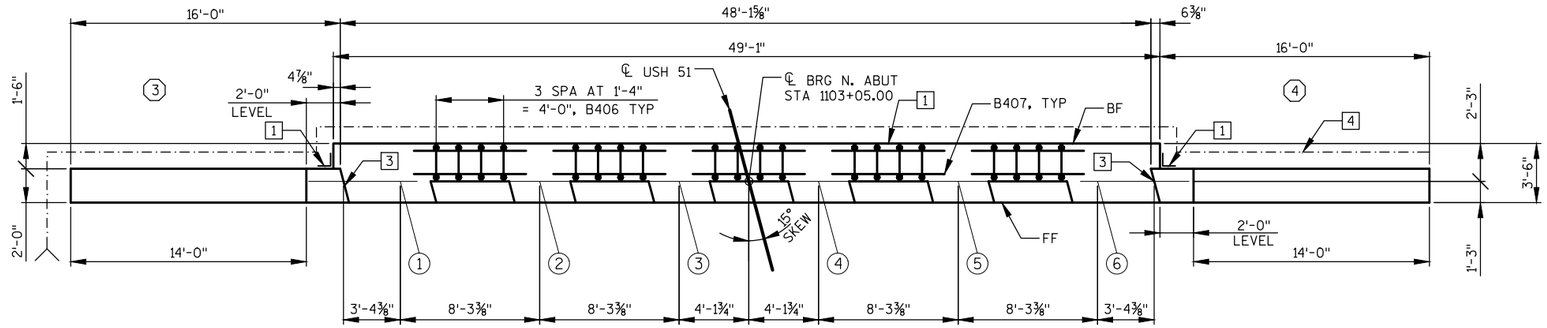
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STATE PROJECT NUMBER

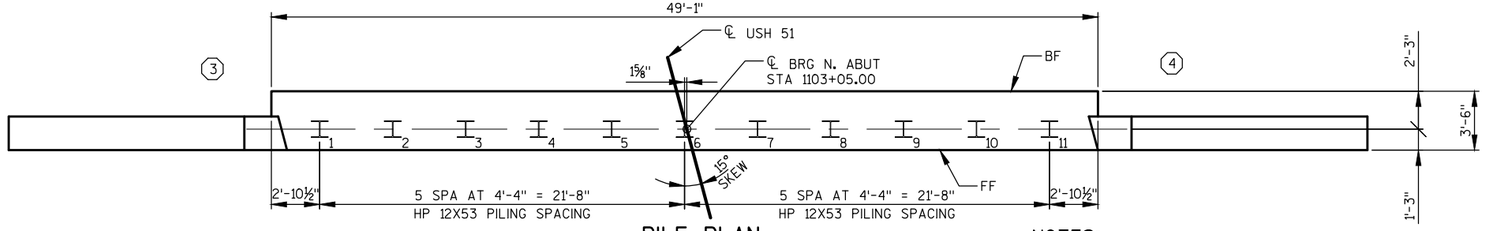
1177-11-70



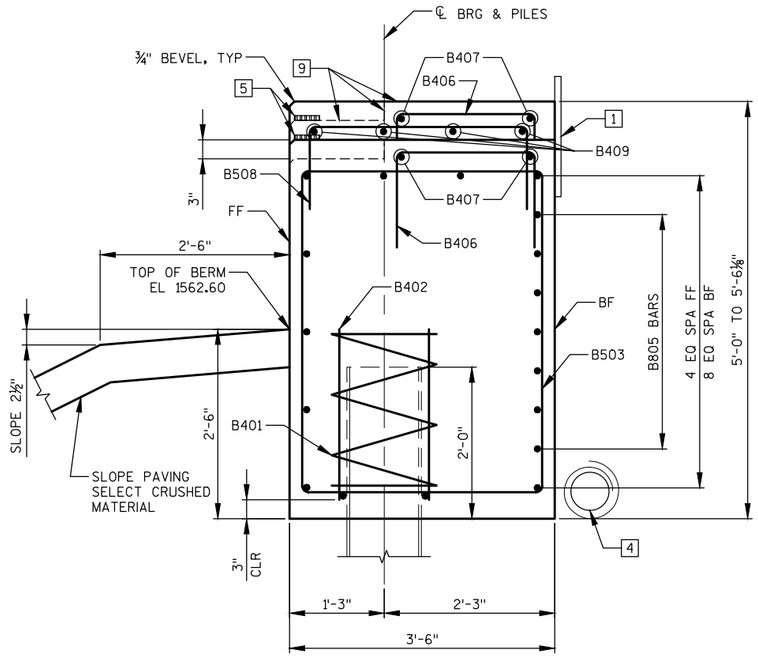
ELEVATION
(LOOKING NORTH)



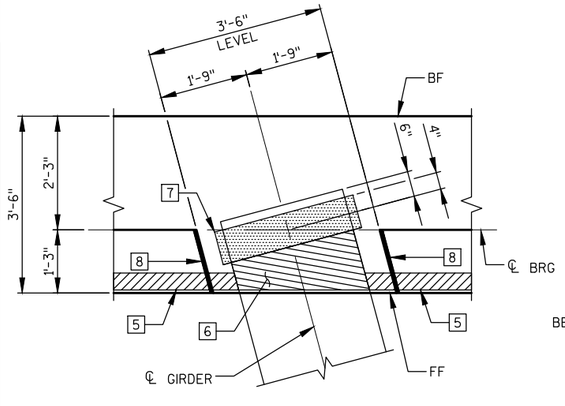
PLAN



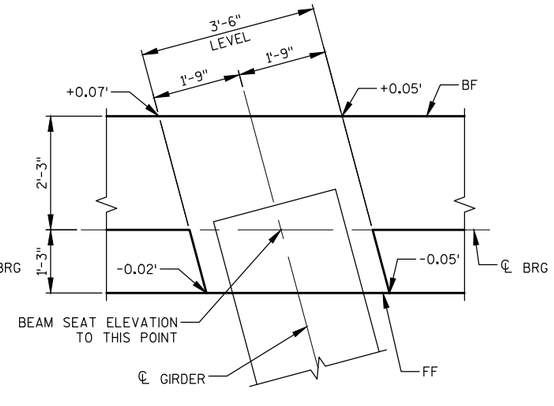
PILE PLAN



SECTION THRU ABUTMENT BODY
ALL HORIZONTAL BARS NOT LABELED ARE B604 BARS.



BEARING PAD DETAIL



SLOPING BEAM SEAT DETAIL

NOTES:

FOR PILE SPLICE DETAILS SEE SHEET 3.

PLACE ROADWAY EMBANKMENT TO BOTTOM OF NORTH ABUTMENT EL 1560.10 BEFORE DRIVING PILING.

NORTH ABUTMENT TO BE SUPPORTED ON HP 12X53 STEEL PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 220 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC EQUATION. ESTIMATED AT 70' LONG.

[1] 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACK FACE. EXTEND FROM BEAM SEAT TO TOP OF WING.

[2] OPTIONAL CONSTRUCTION JOINT FORMED BY BEVELED 2" X 6" KEYWAY, PROVIDE ¾" V-GROOVE AT FF AND 18" RUBBERIZED MEMBRANE WATERPROOFING ON BF OF WINGWALL IF OPTIONAL CONSTRUCTION JOINT IS USED (COST INCIDENTAL TO BID ITEM "CONCRETE MASONRY BRIDGES").

[3] ½" FILLER - TO EXTEND FROM BRIDGE SEAT TO TOP OF WING, INCLUDED IN WING LENGTH. SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF ½" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

[4] PIPE UNDERDRAIN WRAPPED (6-INCH) SLOPE 0.5% MIN TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE SHEET 3 FOR RODENT SHIELD DETAILS.

[5] 4" X ¾" FILLER LENGTH OF ABUTMENT.

[6] ¾" PERFORMED FILLER UNDER GIRDERS.

[7] NON-LAMINATED ELASTOMERIC BEARING PAD ½" X 8" X 2'-10".

[8] ¾" CORK FILLER ON VERTICAL BEAM SEAT FACES THAT RUN PARALLEL WITH GIRDER.

[9] STEEL TROWEL TOP SURFACE OF ABUTMENT. PLACE MULTIPLE LAYERS OF POLYETHYLENE SHEETS OVER ENTIRE ABUTMENT TOP BEFORE PLACING BEARING PADS AND SUPERSTRUCTURE. TOTAL THICKNESS OF ALL SHEETS TO BE AT LEAST 0.03".

(#) INDICATES WING NUMBER

(#) INDICATES GIRDER NUMBER

FF - FRONT FACE
BF - BACK FACE
WT - WING TIP

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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-43-61

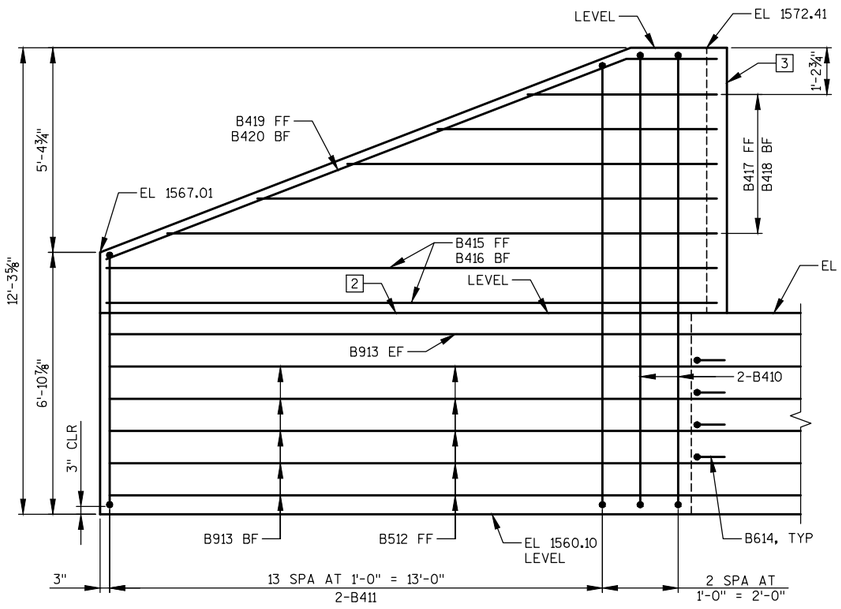
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NORTH ABUTMENT

SHEET 7 OF 15
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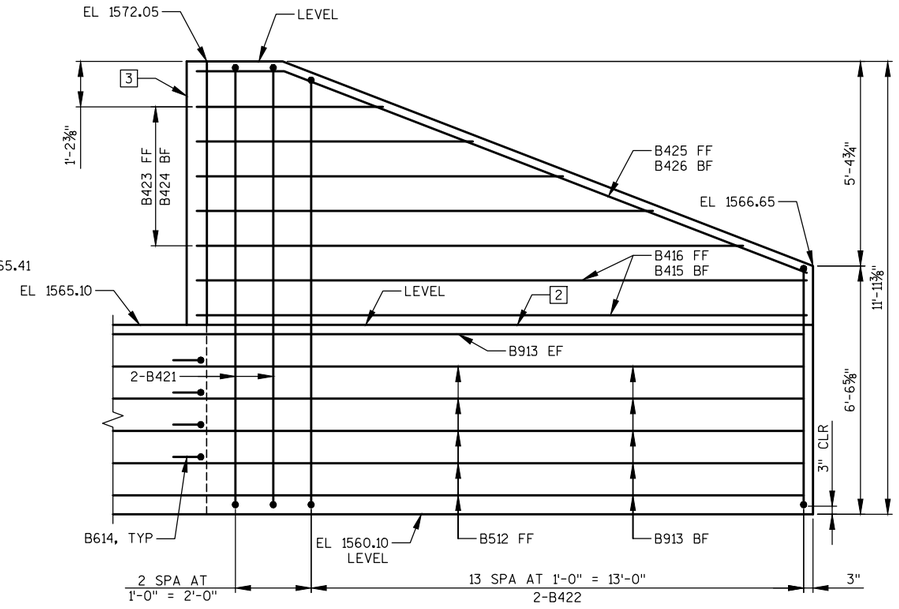
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8



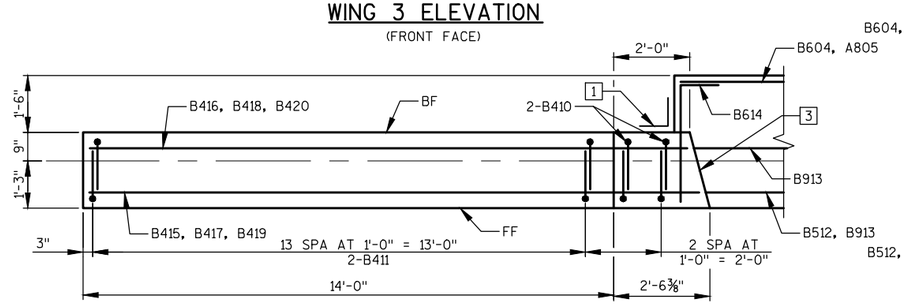
WING 3 ELEVATION

(FRONT FACE)

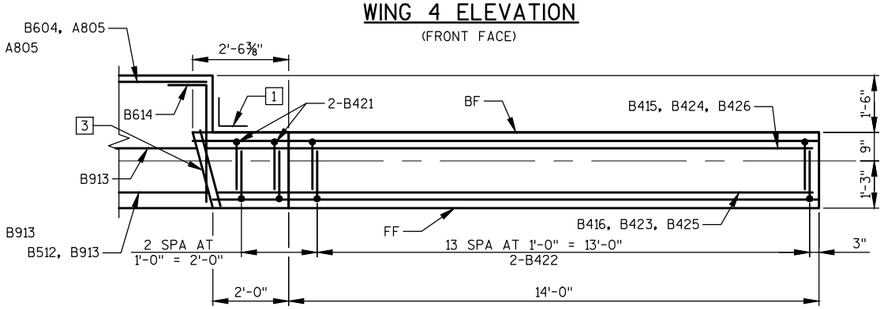


WING 4 ELEVATION

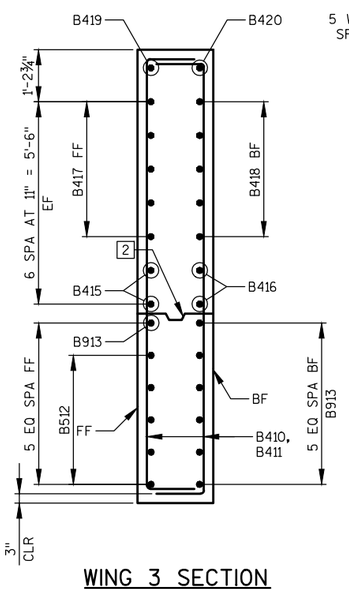
(FRONT FACE)



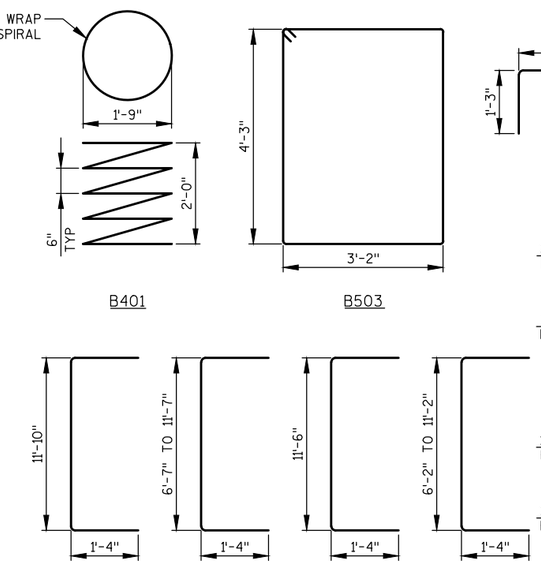
WING 3 PLAN

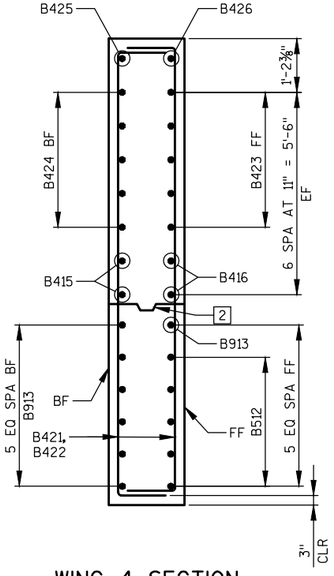


WING 4 PLAN



WING 3 SECTION





WING 4 SECTION

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BILL OF BARS
NORTH ABUTMENT

COATED= 1970 LBS.
UNCOATED= 3290 LBS.

MARK	NUMBER COATED	NUMBER UNCOATED	LENGTH FT - IN	BENT	BAR SERIES	LOCATION	
B401		11	28 - 0	X		ABUTMENT BODY - 1 PER PILE	SPIRAL
B402		22	2 - 3			ABUTMENT BODY - 2 PER PILE	VERT
B503		61	15 - 6	X		ABUTMENT BODY - STIRRUPS	VERT
B604		11	48 - 9			ABUTMENT BODY	HORIZ
B805		7	48 - 9			ABUTMENT BODY - BF	HORIZ
B406		20	4 - 3	X		ABUTMENT BODY - SEAT STEP	VERT
B407		10	6 - 9			ABUTMENT BODY - SEAT STEP	HORIZ
B508		27	6 - 3	X		ABUTMENT BODY - TOP	VERT
B409		4	26 - 4			ABUTMENT BODY - TOP	HORIZ
B410	4		14 - 4	X		WING 3 - STIRRUPS	VERT
⚠ B411	28		11 - 7	X	X	WING 3 - STIRRUPS	VERT
B512	10		17 - 7			WINGS 3 & 4 - FF	HORIZ
B913	14		20 - 5			WINGS 3 & 4 - TOP & BF	HORIZ
B614	8		4 - 0	X		ABUTMENT BODY - ENDS	HORIZ
B415	4		16 - 1			WING 3 - FF & WING 4 - BF	HORIZ
B416	4		15 - 8			WING 3 - BF & WING 4 - FF	HORIZ
⚠ B417	5		9 - 9	X	X	WING 3 - FF	HORIZ
⚠ B418	5		9 - 3	X	X	WING 3 - BF	HORIZ
B419	1		17 - 0	X		WING 3 - FF @ TOP	HORIZ
B420	1		16 - 7	X		WING 3 - BF @ TOP	HORIZ
B421	4		14 - 0	X		WING 4 - STIRRUPS	VERT
⚠ B422	28		11 - 2	X	X	WING 4 - STIRRUPS	VERT
⚠ B423	5		9 - 3		X	WING 4 - FF	HORIZ
⚠ B424	5		9 - 8		X	WING 4 - BF	HORIZ
B425	1		16 - 7	X		WING 4 - FF @ TOP	HORIZ
B426	1		17 - 0	X		WING 4 - BF @ TOP	HORIZ

BAR DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT OF BARS.

THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE.

⚠ BAR SERIES TABLE

MARK	NO. REQUIRED	LENGTH
B411	2 SERIES OF 14	9'-1" TO 14'-1"
B417	1 SERIES OF 5	4'-11" TO 14'-6"
B418	1 SERIES OF 5	4'-6" TO 14'-0"
B422	2 SERIES OF 14	8'-8" TO 13'-8"
B423	1 SERIES OF 5	4'-6" TO 14'-0"
B424	1 SERIES OF 5	4'-11" TO 14'-5"

NOTES:

1. 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACK FACE. EXTEND FROM BEAM SEAT TO TOP OF WING.
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FF - FRONT FACE
BF - BACK FACE
EF - EACH FACE
WT - WING TIP

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-43-61

DRAWN BY MJB | PLANS CK'D. GAR

NORTH ABUTMENT DETAILS

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GIRDER NOTES

TOP OF GIRDER TO BE ROUGH FLOATED AND BROOMED TRANSVERSELY FOR BONDING TO THE SLAB, EXCEPT THE OUTSIDE 15" OF GIRDER, WHICH SHALL RECEIVE A SMOOTH FINISH. AN APPROVED CONCRETE SEALER SHALL BE APPLIED TO ALL SMOOTH SURFACES INCLUDING THE OUTSIDE 15" OF THE TOP FLANGE.

THE GIRDERS SHALL BE PROVIDED WITH A SUITABLE LIFTING DEVICE FOR HANDLING AND ERECTING THE GIRDERS.

PRESTRESSING STRANDS SHALL BE 0.6" DIA. - 7 WIRE LOW-RELAXATION STRANDS WITH AN ULTIMATE STRENGTH OF 270,000 psi.

STRANDS SHALL BE FLUSH WITH THE END OF GIRDER. ENDS OF STRANDS SHALL BE COATED WITH NON-BITUMINOUS JOINT SEALER.

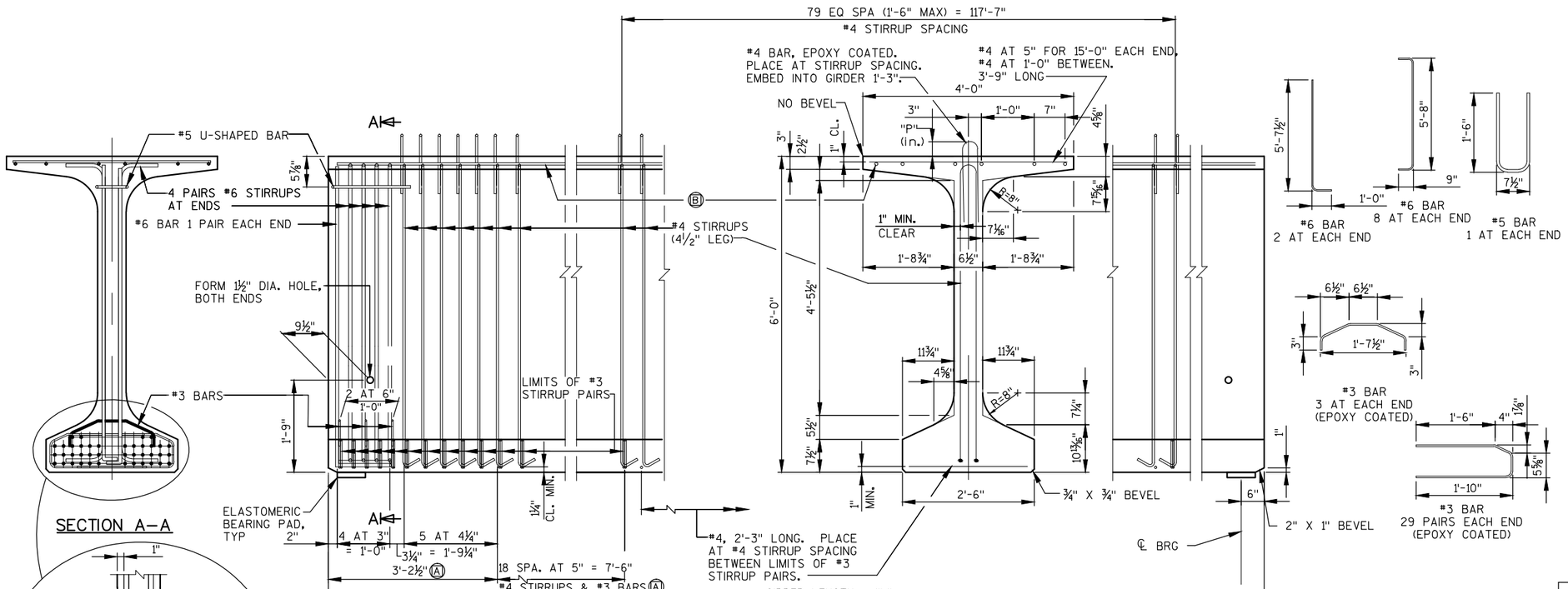
FOR DIAPHRAGM INSERT & CONNECTION DETAILS SEE THE SHEET "INTERMEDIATE STEEL DIAPHRAGMS".

ALL GIRDERS SHALL BE CAST FULL LENGTH AS SHOWN.

SPACING SHOWN FOR #4 STIRRUPS IS FOR GRADE 60 REINFORCEMENT.

AN ALTERNATE EQUIVALENT OF WELDED WIRE FABRIC (WWF) ASTM A497 MAY BE SUBSTITUTED FOR THE STIRRUP REINFORCEMENT SHOWN, UPON APPROVAL OF THE STRUCTURES DEVELOPMENT SECTION.

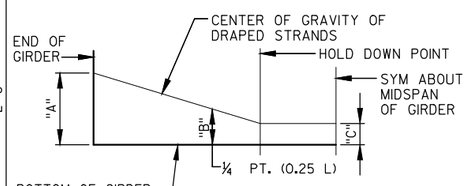
DO NOT APPLY CONCRETE SURFACE SEALER TO SURFACES RECEIVING APPLICATION OF CONCRETE STAINING.



SIDE VIEW & TYP. SECTION IN SPAN

Ⓐ DETAIL TYP. AT EACH END

Ⓑ 6 #4 BARS, FULL LENGTH (1'-11" MIN LAP)

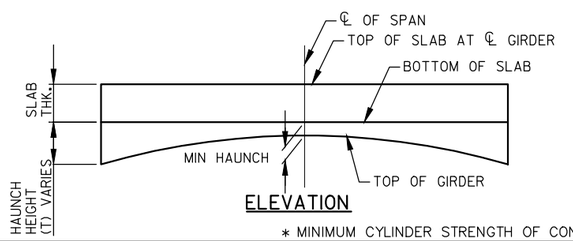


DRAPED STRAND PROFILE

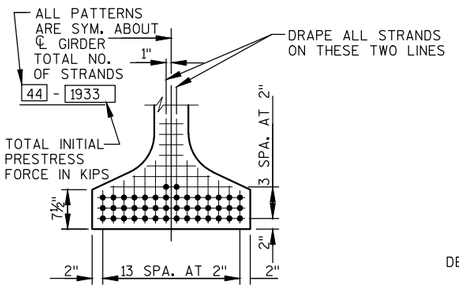
*THE THEORETICAL INITIAL CAMBER VALUE AT THE TIME OF STRAND RELEASE AT MIDSPAN MULTIPLIED BY A FACTOR OF 1.4 TO ACCOUNT FOR CAMBER GROWTH FROM THE TIME OF STRAND RELEASE TO JOBSITE PLACEMENT.

SPAN	CAMBER (IN.)*
1	4"

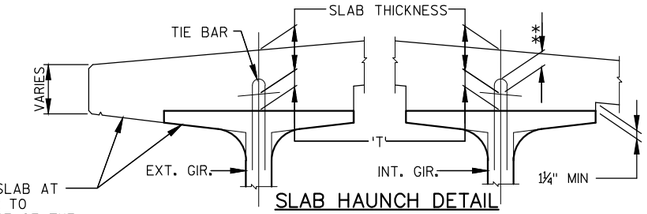
THESE VALUES ARE NOT TO BE USED IN DETERMINING 'T', USE ACTUAL GIRDER SHOTS.
THESE VALUES ARE FOR INFORMATIONAL PURPOSES ONLY.



ELEVATION



TYP. STRAND PATTERN



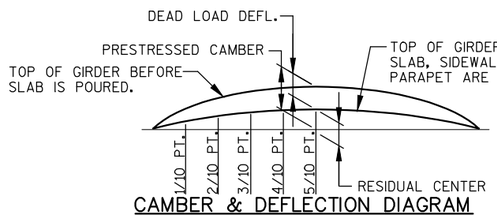
SLAB HAUNCH DETAIL

IF 1¼" MINIMUM HAUNCH HEIGHT AT EDGE OF GIRDER CANNOT BE MAINTAINED, THE GRADE LINE MAY BE REVISED BY THE ENGINEER AT THE OPTION OF THE CONTRACTOR, THE PLAN SLAB THICKNESS SHALL BE HELD. NOTIFY THE STRUCTURES SECTION IF THE GRADE LINE IS RAISED FROM THE PLAN PROFILE BY MORE THAN ½" OR,
**IF 3" MINIMUM DECK EMBEDMENT(**) OF TIE BAR CANNOT BE OBTAINED.

TO DETERMINE 'T', ELEV. OF TOP OF GIR'S. AT ℄ OF SUBSTRUCTURE UNITS & AT 1/10 POINTS OF EACH SPAN SHALL BE TAKEN. THEN FOLLOW THIS PROCESS:

TOP OF DECK ELEV. AT FINAL GRADE
- TOP OF GIRDER ELEVATION
+ DEAD LOAD DEFLECTION
- SLAB THICKNESS
= HAUNCH HEIGHT 'T'

NOTE: AN AVERAGE HAUNCH ('T') OF 3⅝" WAS USED IN THE QUANTITY "CONCRETE MASONRY BRIDGES".



CAMBER & DEFLECTION DIAGRAM

* MINIMUM CYLINDER STRENGTH OF CONCRETE AT TIME OF TRANSFER OF PRESTRESS FORCE.

GIRDER DATA

SPAN	GIRDER	GIRDER LENGTH "L"	DEAD LOAD DEFL. (IN.) 1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	CONC. STRGTH. f'c (p.s.i.)	"P" 1st ⅓ OF GIRDER	"P" MID⅓ OF GIRDER	"P" END⅓ OF GIRDER	DIA. OF STRAND (IN.)	DRAPED PATTERN TOTAL NO. OF STRANDS	f'ci (P.S.I.) *	("A"	"B" MIN.	"B" MAX.	"C")	UNDRAPED PATTERN TOTAL NO. OF STRANDS	f'ci (P.S.I.) *
1	ALL	139'-0"	¾"	1⅜"	1⅞"	2⅜"	2¾"	2⅞"	1⅞"	1⅜"	¾"	8000	8"	7"	8"	0.6	44	6800	67	20.5	23.5	5		

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-43-61

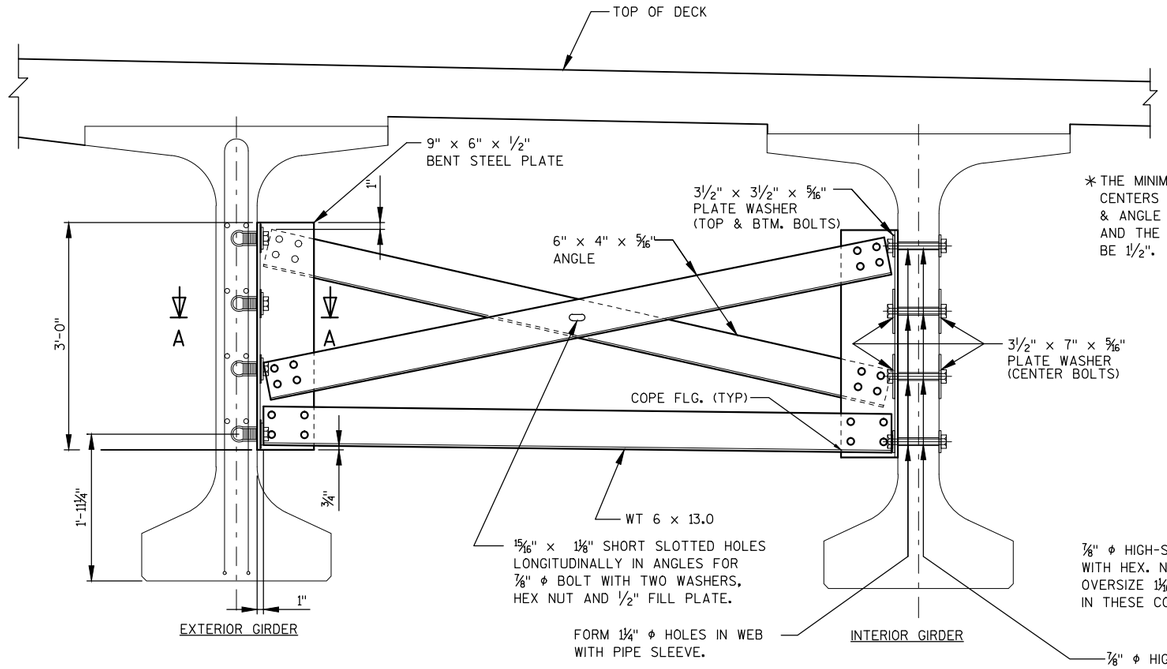
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72W PRESTRESSED GIRDER DETAILS

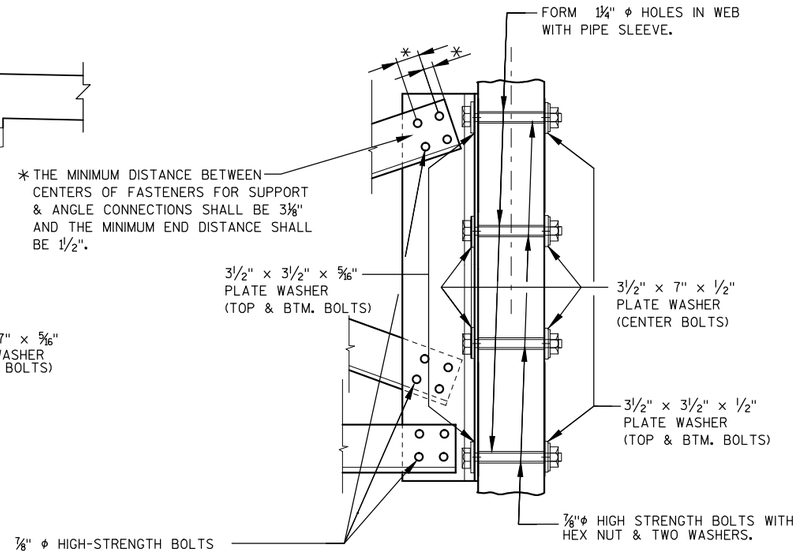
SHEET 9 OF 15
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FILE NAME : X:±3230300±131359.01±TECH±CAD±XXXXXXXX±DESIGN±STRUCTURE±080109_PG.PWG PLOT DATE : 6/2/2015 PLOT BY : ---- PLOT SCALE : 1" = 1'

STATE PROJECT NUMBER
1177–11–70



PART TRANSVERSE SECTION AT DIAPHRAGM



SECTION AT INTERIOR GIRDERS

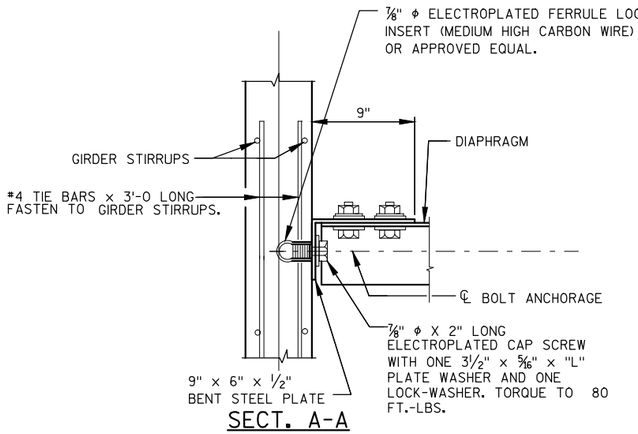
NOTES

ALL DIAPHRAGM MATERIAL NOT EMBEDDED IN THE CONCRETE GIRDER SHALL BE PAID FOR AT THE UNIT PRICE BID FOR "STEEL DIAPHRAGMS B-43-61", EACH.

EACH DIAPHRAGM BETWEEN GIRDERS SHALL CONSTITUTE ONE UNIT.

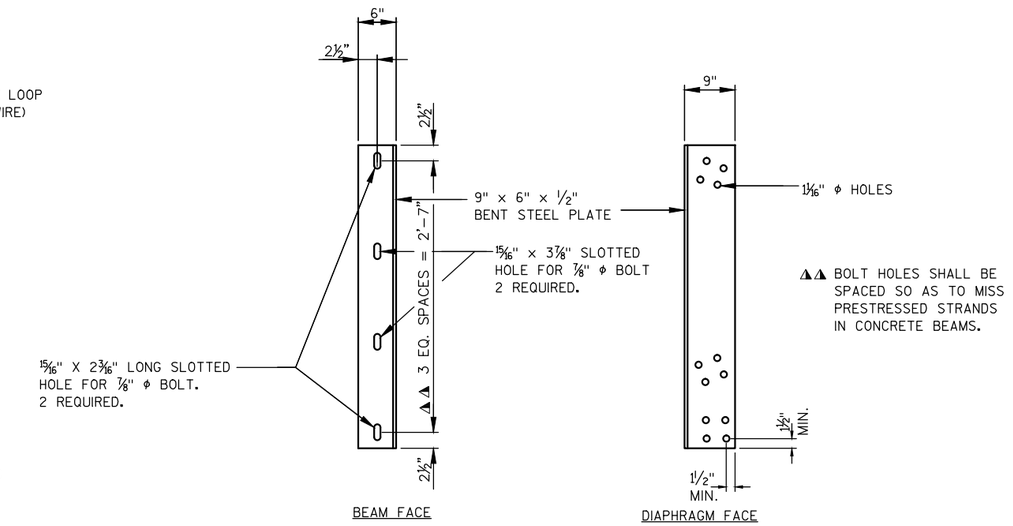
ALL DIAPHRAGM STRUCTURAL STEEL SHALL BE ASTM A709 GRADE 36. ALL BOLTS, NUTS AND WASHERS SHALL BE ASTM A325 TYPE 1.

ALL DIAPHRAGM STRUCTURAL STEEL SHOWN SHALL BE HOT-DIPPED GALVANIZED. ALL BOLTS, NUTS AND WASHERS SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153 CLASS C. GALVANIZED NUTS SHALL BE TAPPED OVERSIZED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM A563 AND SHALL MEET THE REQUIREMENTS OF SUPPLEMENTARY REQUIREMENT S1 OF ASTM A563, LUBRICANT AND TEST FOR COATED NUTS.

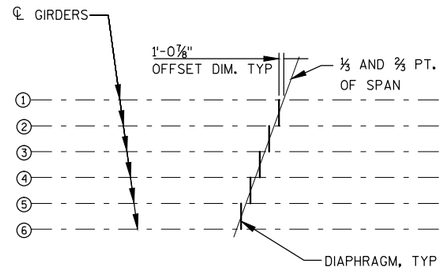


SECT. A-A

(FOR EXTERIOR ATTACHMENT)
"L" = 3½"; TOP AND BOTTOM BOLTS
"L" = 7"; CENTER BOLTS



DIAPHRAGM SUPPORT



PLAN VIEW OF DIAPHRAGM

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–43–61

DRAWN BY TAV | PLANS CK'D. GAR

INTERMEDIATE STEEL DIAPHRAGMS

SHEET 10 OF 15
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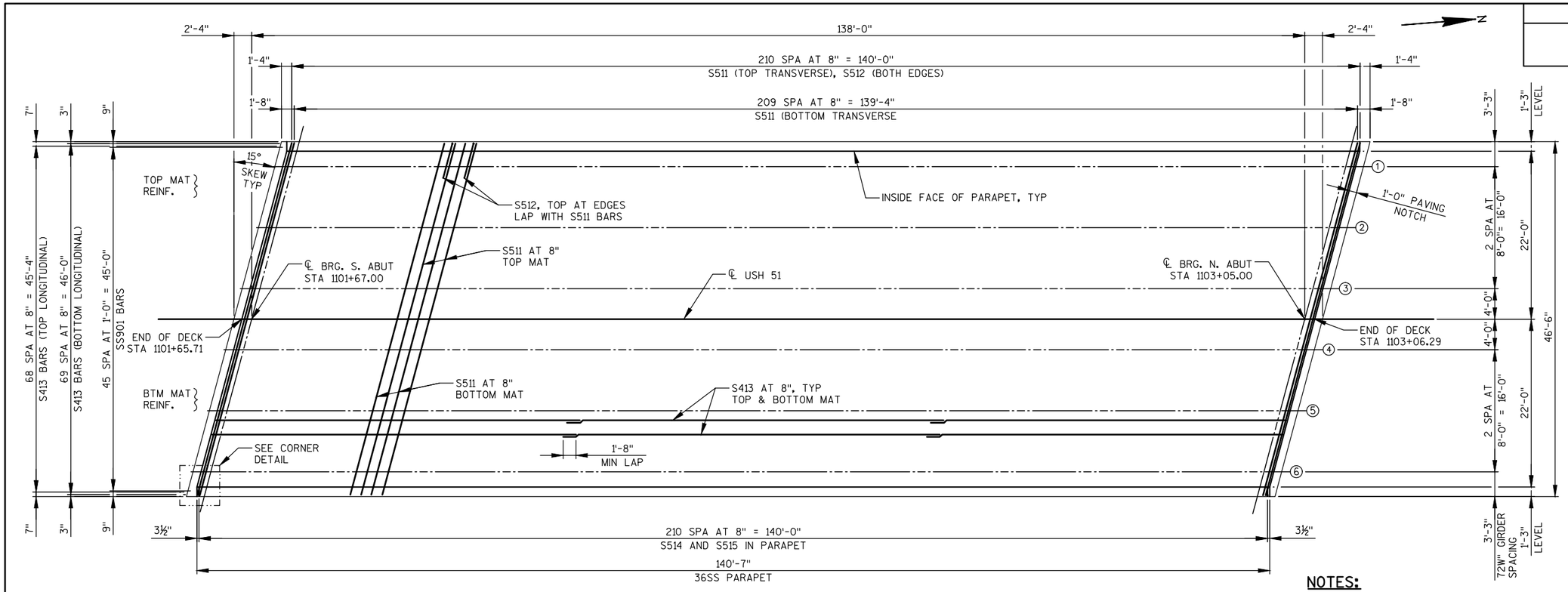
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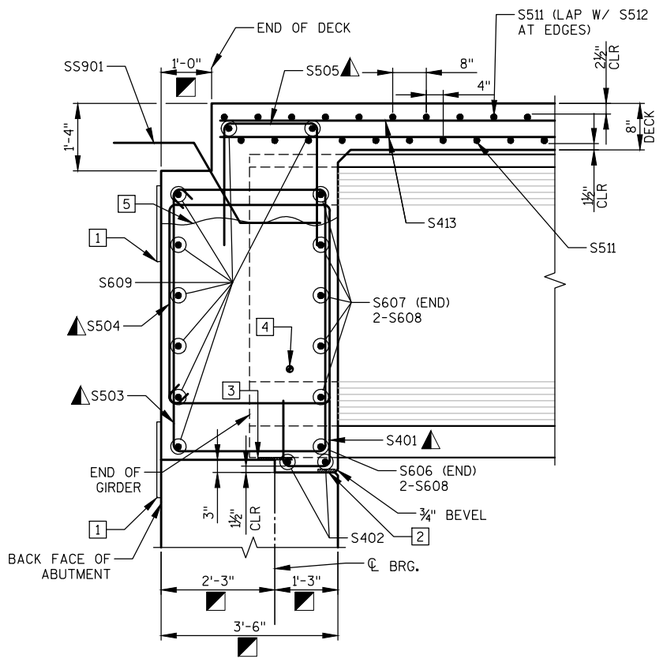
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STATE PROJECT NUMBER

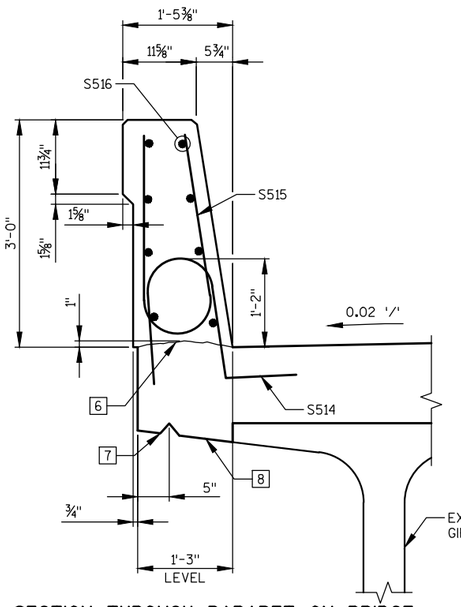
1177–11–70



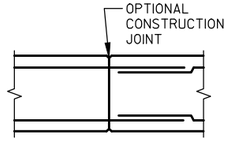
DECK REINFORCEMENT PLAN



PART LONGITUDINAL SECTION

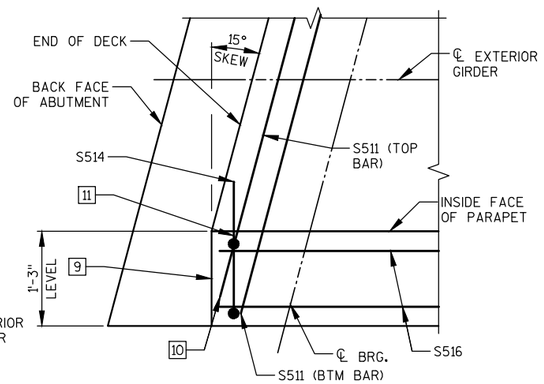


SECTION THROUGH PARAPET ON BRIDGE



OPTIONAL CONSTRUCTION JOINT DETAIL

OPTIONAL CONSTRUCTION JOINTS IN THE PARAPET MAY BE USED. RUN BAR REINF. THRU THE JOINT. LAP LONGIT. BARS A MIN. OF 1'-9". MIN. JOINT SPACING OF 80'-0" DEFINE CONDT. JOINT WITH A ¾"-"V" GROOVE



CORNER DETAIL

(ACUTE CORNER SHOWN, OBTUSE CORNER SIMILAR)

NOTES:

1. 18" RUBBERIZED MEMBRANE WATERPROOFING.
2. 4" X ¾" FILLER LENGTH OF ABUTMENT.
3. NON-LAMINATED ELASTOMERIC BEARING PAD ½" X 8" X 2'-10" WITH ¾" PREFORMED FILLER UNDER GIRDER.
4. (1) - 1½" DIA. HOLE IN WEB FOR (2) S510 HORIZ. BARS. PLACED SYMMETRICAL ABOUT ℄ OF GIRDER. FIELD BEND ALONG SKEW.
5. OPTIONAL CONSTRUCTION JOINT 1'-2" BELOW TOP OF GIRDER. IF USED, DECK POUR MUST BE WITHIN 2 WEEKS FROM THE TIME OF THE DIAPHRAGM POUR. PLACE RUBBERIZED MEMBRANE WATERPROOFING IF CONST. JOINT IS USED (COST INCIDENTAL TO BID ITEM "CONCRETE MASONRY BRIDGES").
6. CONST. JOINT - STRIKE OFF AS SHOWN.
7. ¾" V-GROOVE. EXTEND V-GROOVE TO 6" FROM FRONT FACE OF ABUTMENT DIAPHRAGM.
8. SLOPE BOTTOM OF SLAB AT EXTERIOR GIRDER TO MATCH THE SLOPE OF THE BOTTOM OF TOP FLANGE.
9. FORM END OF DECK AND END OF PARAPET PERPENDICULAR TO EDGE OF DECK.
10. FIELD CUT END TRANSVERSE BARS AS NEEDED TO MAINTAIN CLEAR DISTANCE.
11. ARRAY END PARAPET TIE BARS AS NEEDED TO MAINTAIN CLEAR DISTANCE. KEEP FRONT LEG ALIGNED WITH INSIDE FACE OF PARAPET.

◪ DIMENSION IS TAKEN NORMAL TO ℄ OF SUBSTRUCTURE UNITS.

◭ BARS PLACED PARALLEL TO GIRDERS.

Ⓝ INDICATES GIRDER NUMBER.

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STRUCTURE B–43–61

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SUPERSTRUCTURE

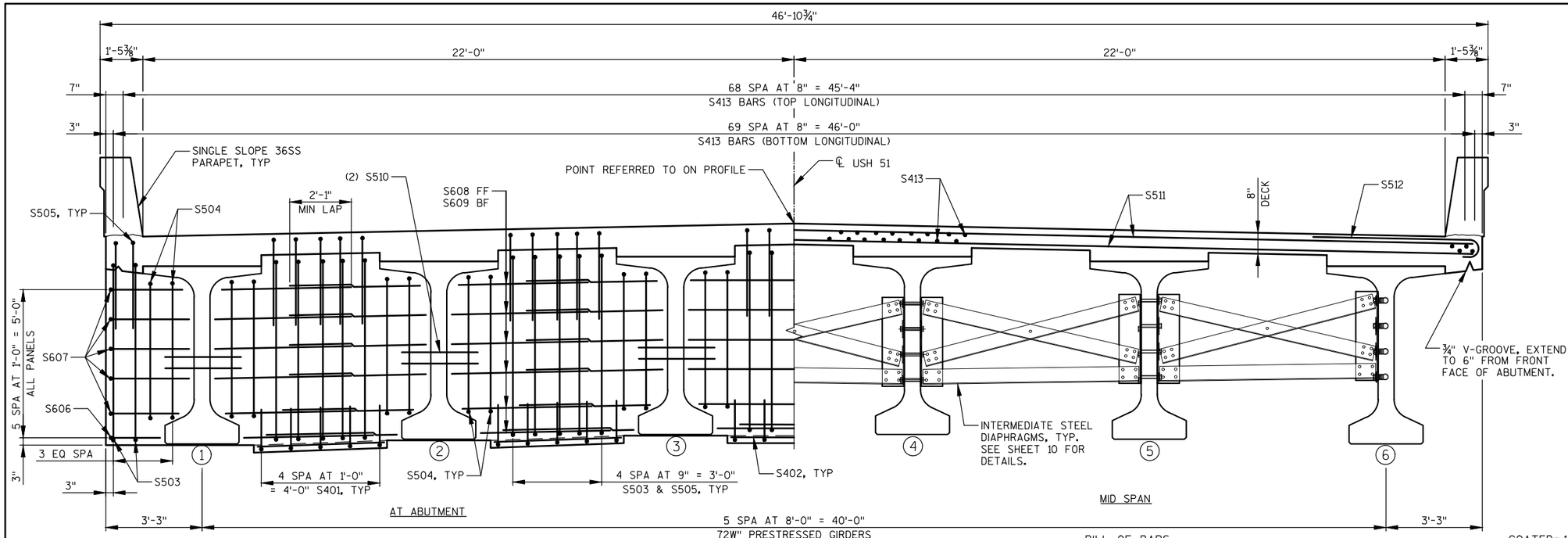
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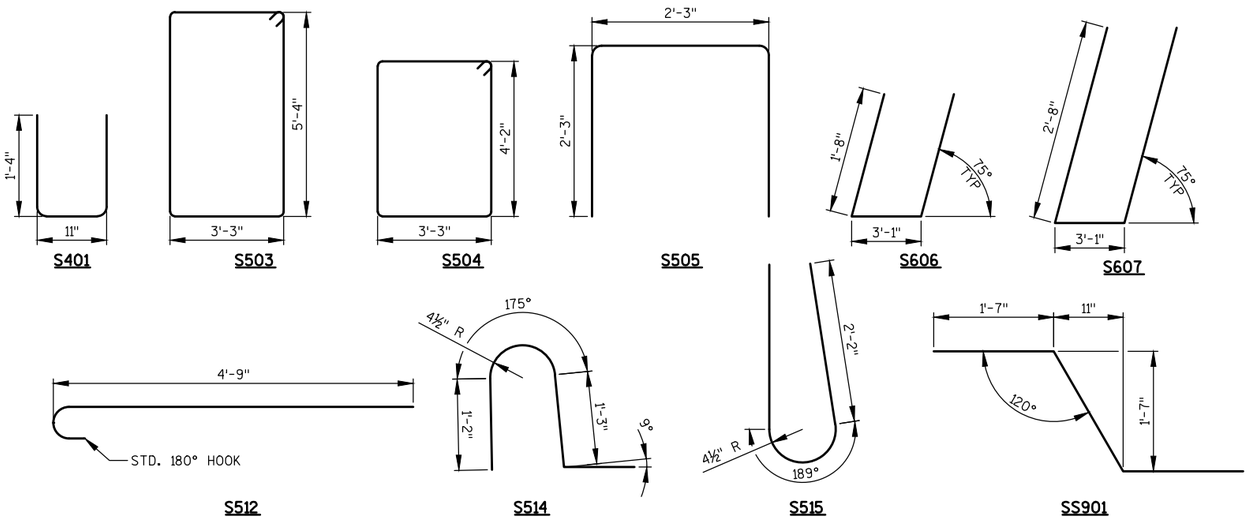
STATE PROJECT NUMBER

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CROSS SECTION THRU DECK

(LOOKING NORTH)



ELEVATION TABLE

SPAN POINT	WEST EDGE		GIRDER 1		GIRDER 2		GIRDER 3		R/L USH 51		GIRDER 4		GIRDER 5		GIRDER 6		EAST EDGE	
	STATION	ELEVATION	TD	TG	TD	TG	TD	TG	STATION	ELEVATION	TD	TG	TD	TG	TD	TG	STATION	ELEVATION
S ABUT	1101+72.89	1568.46	1568.48	1567.47	1568.58	1567.57	1568.68	1567.67	1101+67.00	1568.73	1568.62	1567.60	1568.40	1567.38	1568.17	1567.16	1101+61.10	1568.12
0.1	1101+86.69	1568.86	1568.88		1568.98		1569.08		1101+80.80	1569.13	1569.02		1568.79		1568.57		1101+74.90	1568.52
0.2	1102+00.49	1569.25	1569.28		1569.38		1569.48		1101+94.60	1569.52	1569.41		1569.19		1568.97		1101+88.70	1568.91
0.3	1102+14.29	1569.65	1569.68		1569.78		1569.87		1102+08.40	1569.92	1569.81		1569.59		1569.37		1102+02.50	1569.31
0.4	1102+28.09	1570.05	1570.08		1570.17		1570.27		1102+22.20	1570.32	1570.21		1569.99		1569.77		1102+16.30	1569.71
0.5	1102+41.89	1570.45	1570.47		1570.57		1570.67		1102+36.00	1570.72	1570.61		1570.39		1570.17		1102+30.10	1570.11
0.6	1102+55.69	1570.85	1570.87		1570.97		1571.07		1102+49.80	1571.12	1571.01		1570.79		1570.56		1102+43.90	1570.51
0.7	1102+69.49	1571.25	1571.27		1571.37		1571.47		1102+63.60	1571.52	1571.41		1571.18		1570.96		1102+57.70	1570.91
0.8	1102+83.29	1571.65	1571.67		1571.77		1571.87		1102+77.40	1571.92	1571.80		1571.58		1571.36		1102+71.50	1571.31
0.9	1102+97.09	1572.04	1572.07		1572.17		1572.26		1102+91.20	1572.31	1572.20		1571.98		1571.76		1102+85.30	1571.70
N ABUT	1103+10.89	1572.44	1572.47	1571.45	1572.57	1571.55	1572.66	1571.65	1103+05.00	1572.71	1572.59	1571.59	1572.38	1571.37	1572.16	1571.14	1102+99.10	1572.10

BILL OF BARS
STAINLESS STEEL

COATED= 1570 LBS.
UNCOATED= 0 LBS.

MARK	NUMBER COATED	NUMBER UNCOATED	LENGTH FT - IN	BENT	BAR SERIES	LOCATION	
SS 9 01	92		5 - 0	X		ABUT DIAPHRAGM TO APPROACH SLAB TIES	LONGIT

BILL OF BARS
SUPERSTRUCTURE

COATED= 48360 LBS.
UNCOATED= 0 LBS.

MARK	NUMBER COATED	NUMBER UNCOATED	LENGTH FT - IN	BENT	BAR SERIES	LOCATION	
S 4 01	50		3 - 5	X		ABUT DIAPHRAGM BETWEEN BEAM SEATS	VERT
S 4 02	20		4 - 3			ABUT DIAPHRAGM BETWEEN BEAM SEATS	HORIZ
S 5 03	58		17 - 10	X		ABUT DIAPHRAGM STIRRUPS	VERT
S 5 04	48		15 - 6	X		ABUT DIAPHRAGM STIRRUPS BETWEEN FLANGES	VERT
S 5 05	58		6 - 6	X		ABUT DIAPHRAGM TO SLAB TIES	VERT
S 6 06	4		6 - 1	X		ABUT DIAPHRAGM - ENDS AT BOTTOM	HORIZ
S 6 07	20		8 - 1	X		ABUT DIAPHRAGM - SW END BETWEEN FLANGES	HORIZ
S 6 08	120		4 - 9			ABUT DIAPHRAGM FF	HORIZ
S 6 09	16		47 - 9			ABUT DIAPHRAGM BF	HORIZ
S 5 10	24		6 - 0			ABUT DIAPHRAGM THRU GIRDERS	HORIZ
S 5 11	421		47 - 9			SLAB TOP & BOTTOM	TRANS
S 5 12	422		5 - 4	X		SLAB TOP - AT EDGES	TRANS
S 4 13	417		47 - 11			SLAB TOP & BOTTOM	LONGIT
S 5 14	422		4 - 5	X		36SS PARAPET ANCHOR	VERT
S 5 15	422		5 - 8	X		36SS PARAPET STIRRUP	VERT
S 5 16	48		47 - 11			36SS PARAPET	LONGIT

FF - FRONT FACE
BF - BACK FACE

BAR DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT OF BARS.

ALL REINFORCING BARS ARE ENGLISH.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

(#) INDICATED GIRDER NUMBER

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-43-61

DRAWN BY TAV | PLANS CK'D. GAR

SUPERSTRUCTURE DETAILS

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FILE NAME : X:±3230300±131359.01±TECH±CAD±XXXXXXXX±DESIGN±STRUCTURE±080111_SS.DWG PLOT DATE : 6/2/2015 PLOT BY : ---- PLOT SCALE : 1" = 1'

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SOUTH APPROACH COATED= 9760 LBS.
SOUTH APPROACH UNCOATED= 0 LBS.
NORTH APPROACH COATED= 9720 LBS.
NORTH APPROACH UNCOATED= 0 LBS.

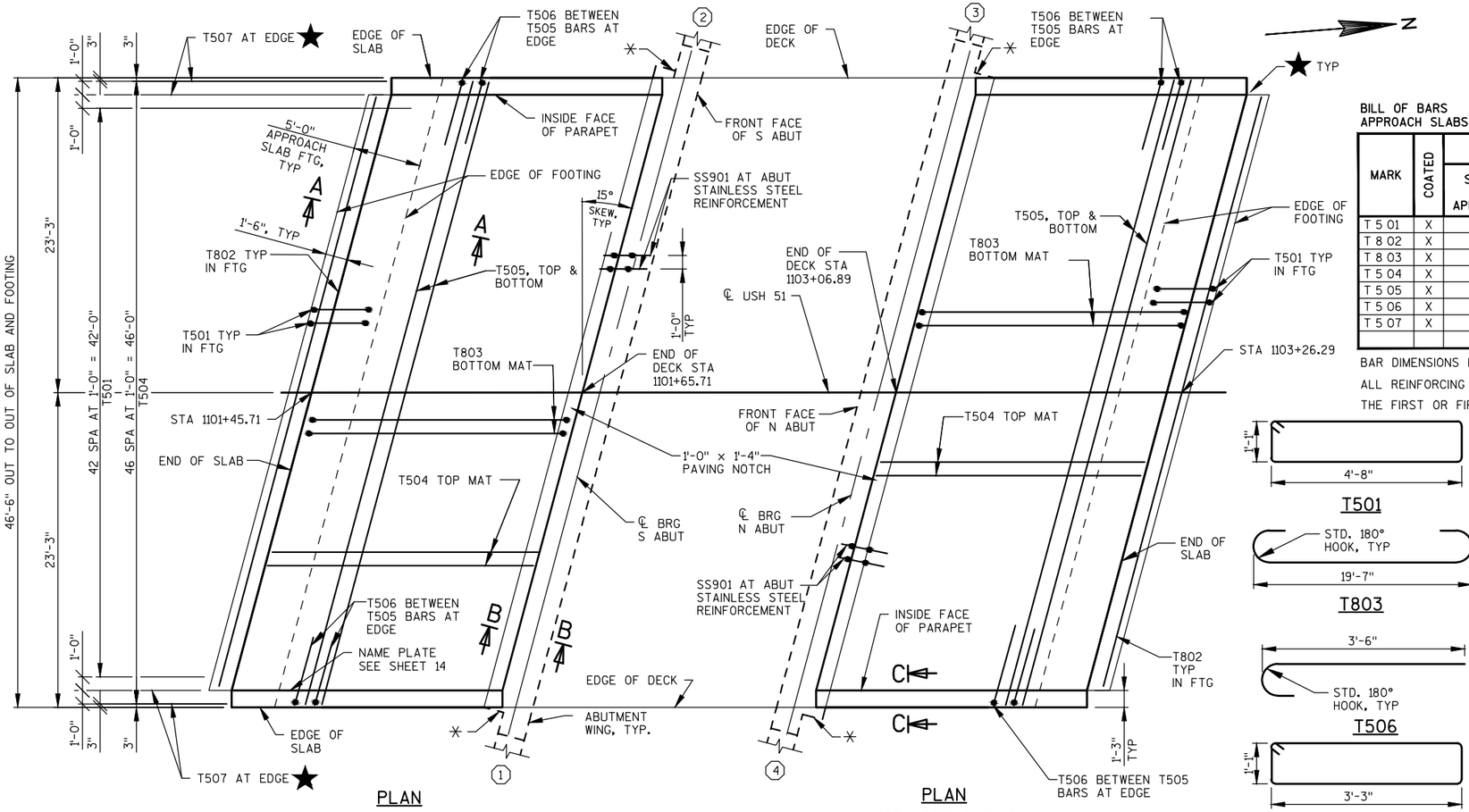
BILL OF BARS
APPROACH SLABS

MARK	COATED	NO. REQ'D. SOUTH APPROACH	NO. REQ'D. NORTH APPROACH	LENGTH FT - IN	BENT	BAR SERIES	LOCATION	
T 5 01	X	43	43	12 - 6	X		FOOTING STIRRUP	VERT
T 8 02	X	12	12	47 - 9			FOOTING - LONGITUDINAL	TRANS
T 8 03	X	77	77	21 - 5	X		APPROACH SLAB - BOTTOM	LONGIT
T 5 04	X	47	47	19 - 7			APPROACH SLAB - TOP	LONGIT
T 5 05	X	42	42	47 - 9			APPROACH SLAB - TOP & BOTTOM	TRANS
T 5 06	X	40	40	4 - 1	X		APPROACH SLAB - TOP AT EDGES	TRANS
T 5 07	X	4	4	9 - 4	X		FOOTING STIRRUP - AT BLOCK OUT	VERT

BAR DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT OF BARS.

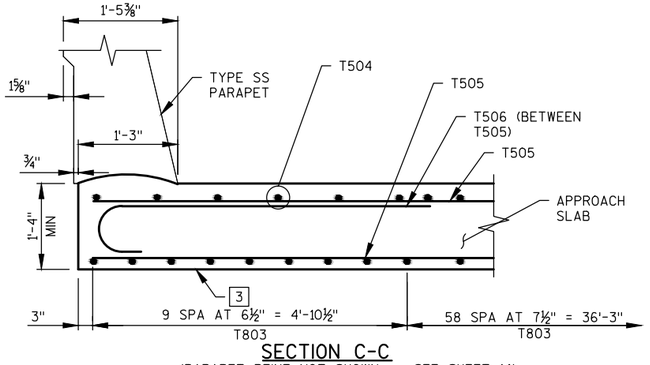
ALL REINFORCING BARS ARE ENGLISH.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.



PLAN
SOUTH APPROACH SLAB

PLAN
NORTH APPROACH SLAB



SECTION C-C
(PARAPET REINF NOT SHOWN - SEE SHEET 14)

DESIGN DATA:

ALLOWABLE SOIL BEARING PRESSURE: ——— 2,000 P.S.I.
CONCRETE STRENGTH f'c: ——— 4,000 P.S.I.
BAR STEEL REINFORCEMENT, GRADE 60, fy: ——— 60,000 P.S.I.

NOTES:

POLYETHYLENE SHEETS INCIDENTAL TO CONCRETE MASONRY BRIDGES BID ITEM.

SEE SUPERSTRUCTURE SHEETS FOR DETAILS ON SS901 BARS.

PLACE T802, T505 AND T506 BARS ALONG THE SKEW.

PLACE T501, T803 AND T504 PARALLEL TO ℄ USH 51.

✳ SEAL ALL EXPOSED HORIZTONTAL AND VERTICAL SURFACES OF ½" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ½" BELOE SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

2 STEEL TROWEL TOP SURFACE OF FOOTING AND PLACE MULTIPLE LAYERS (0.03" MIN. TOTAL THK.) OF POLYETHLENE SHEETS OVER THE ENTIRE TOP OF FOOTING.

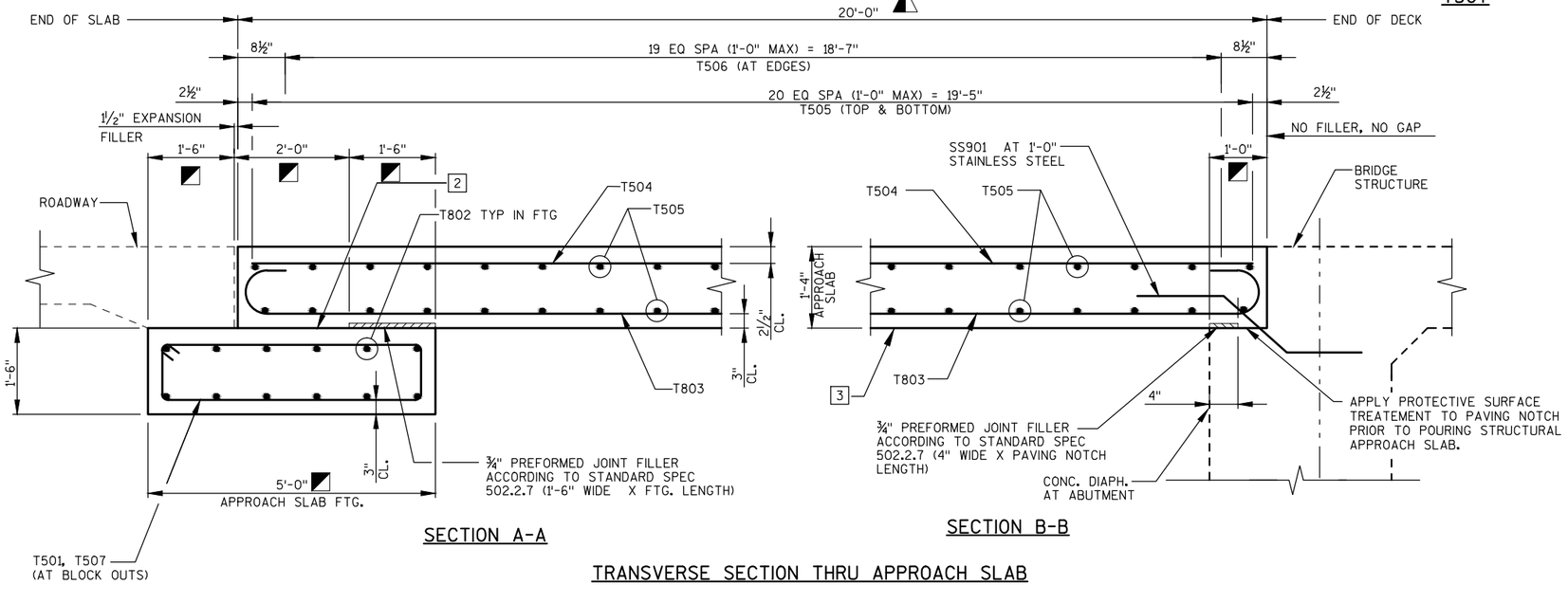
3 PLACE MULTIPLE LAYERS (0.03" MIN. TOTAL THK.) OF POLYETHLENE SHEETS OVER THE ENTIRE TOP OF SUBGRADE, BENEATH SLAB.

▲ MEASURED PARALLEL TO ℄ USH 51.

◪ MEASURE NORMAL TO ABUTMENT.

★ NOTCH APPROACH SLAB FOOTING TO ALLOW FOR THRIE BEAM POST INSTALLATION.

(#) INDICATES WING NUMBER



SECTION A-A

SECTION B-B

TRANSVERSE SECTION THRU APPROACH SLAB

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-43-61

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STRUCTURAL APPROACH SLAB

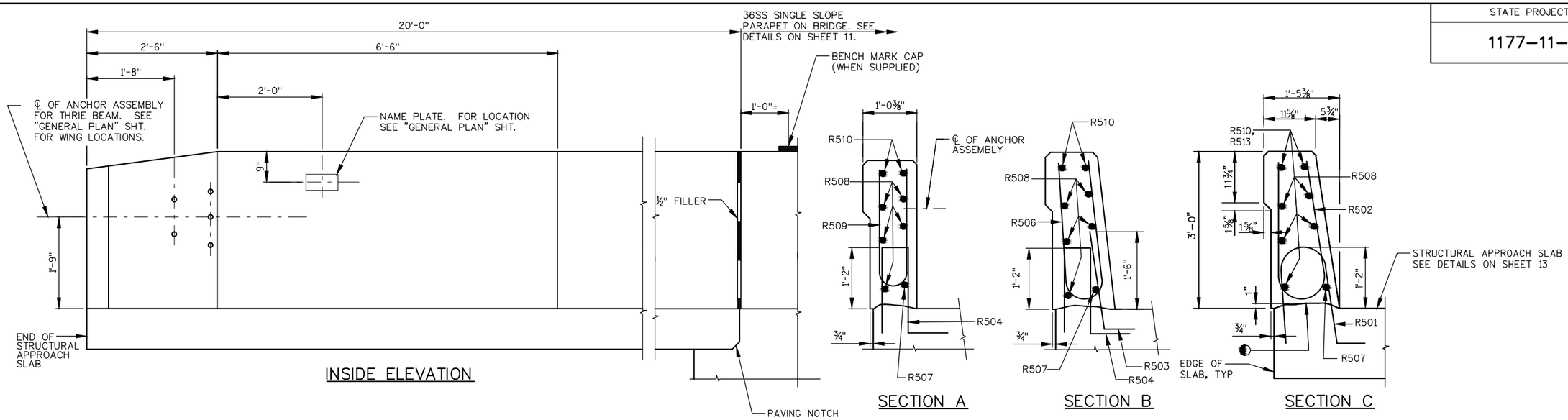
SHEET 382 OF 15

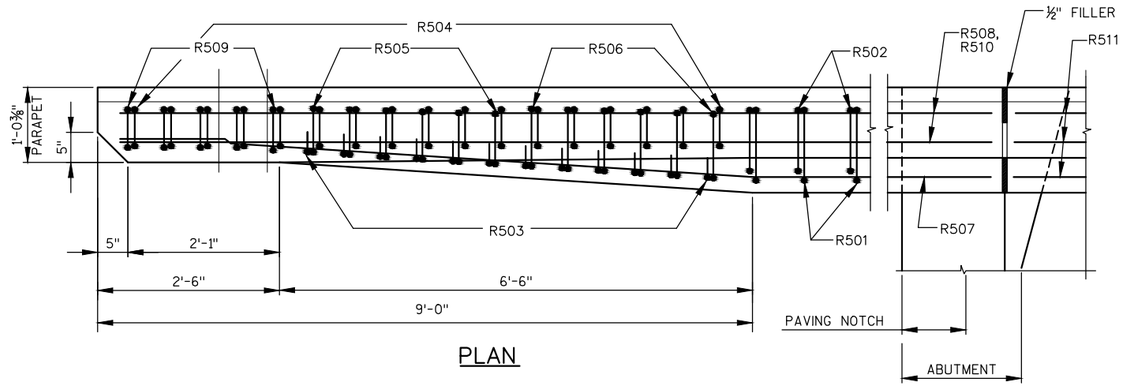
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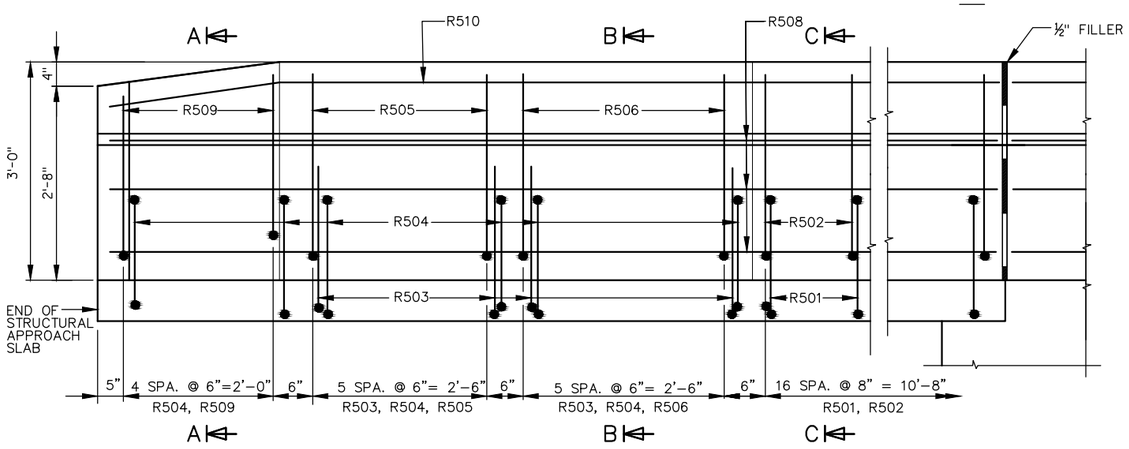
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SOUTH APPROACH COATED= 1100 LBS.
SOUTH APPROACH UNCOATED= 0 LBS.
NORTH APPROACH COATED= 1100 LBS.
NORTH APPROACH UNCOATED= 0 LBS.

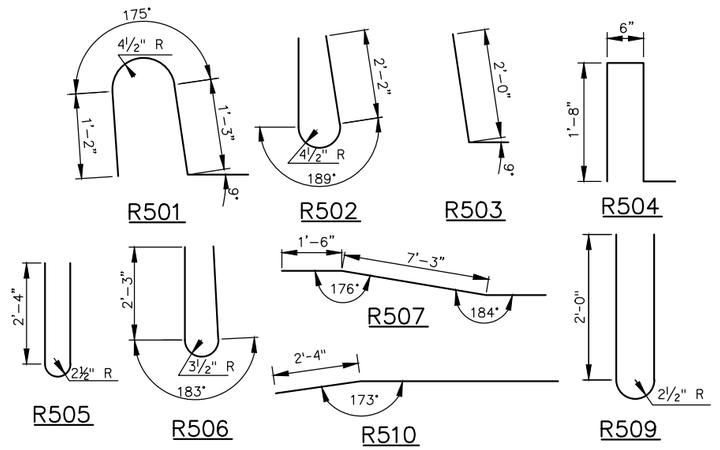
BILL OF BARS
36SS PARAPET

MARK	COATED	NO. REQ'D. SOUTH APPROACH	NO. REQ'D. NORTH APPROACH	LENGTH FT - IN	BENT	BAR SERIES	LOCATION	
R 5 01	X	34	34	4 - 5	X		PARAPET TIE	VERT
R 5 02	X	34	34	5 - 8	X		PARAPET STIRRUP	VERT
R 5 03	X	24	24	2 - 9	X		PARAPET TIE	VERT
R 5 04	X	34	34	4 - 4	X		PARAPET TIE	VERT
R 5 05	X	12	12	5 - 5	X		PARAPET STIRRUP	VERT
R 5 06	X	12	12	5 - 6	X		PARAPET STIRRUP	VERT
R 5 07	X	2	2	19 - 7	X		PARAPET AT BOTTOM	LONGIT
R 5 08	X	10	10	19 - 7			PARAPET	LONGIT
R 5 09	X	10	10	4 - 9	X		PARAPET STIRRUP	VERT
R 5 10	X	4	4	19 - 7	X		PARAPET AT TOP	LONGIT

BAR DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT OF BARS.

ALL REINFORCING BARS ARE ENGLISH.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.



℄ CONST. JOINT – STRIKE OFF AS SHOWN.

NO.	DATE	REVISION	BY

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STRUCTURE B-43-61

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36SS SINGLE SLOPE PARAPET

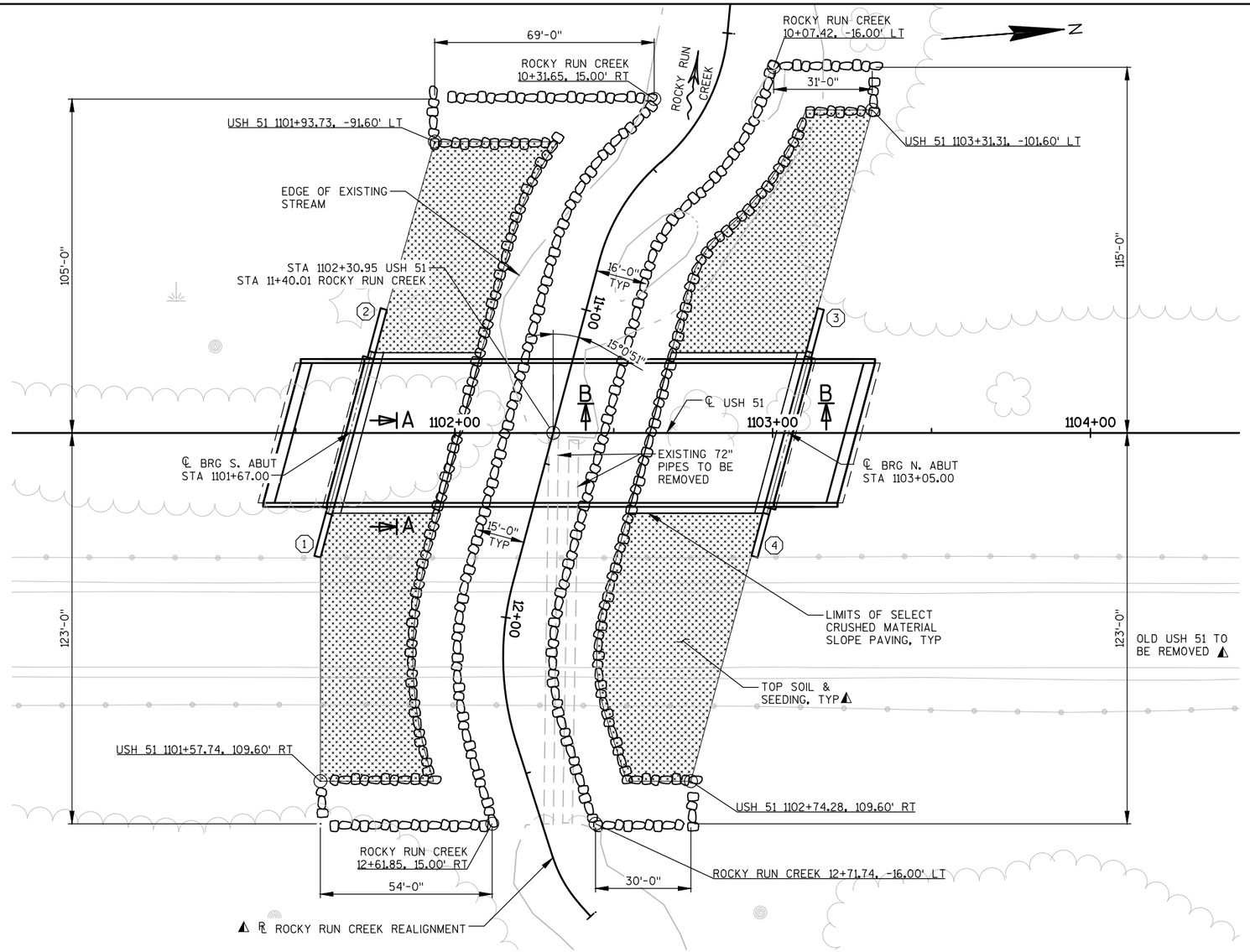
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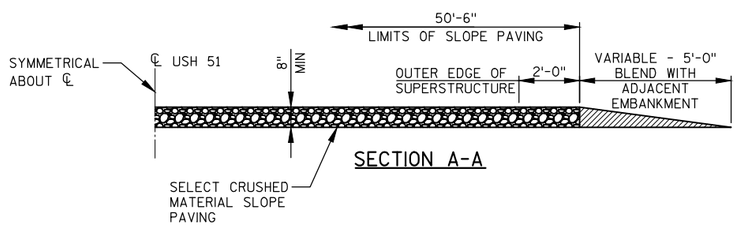
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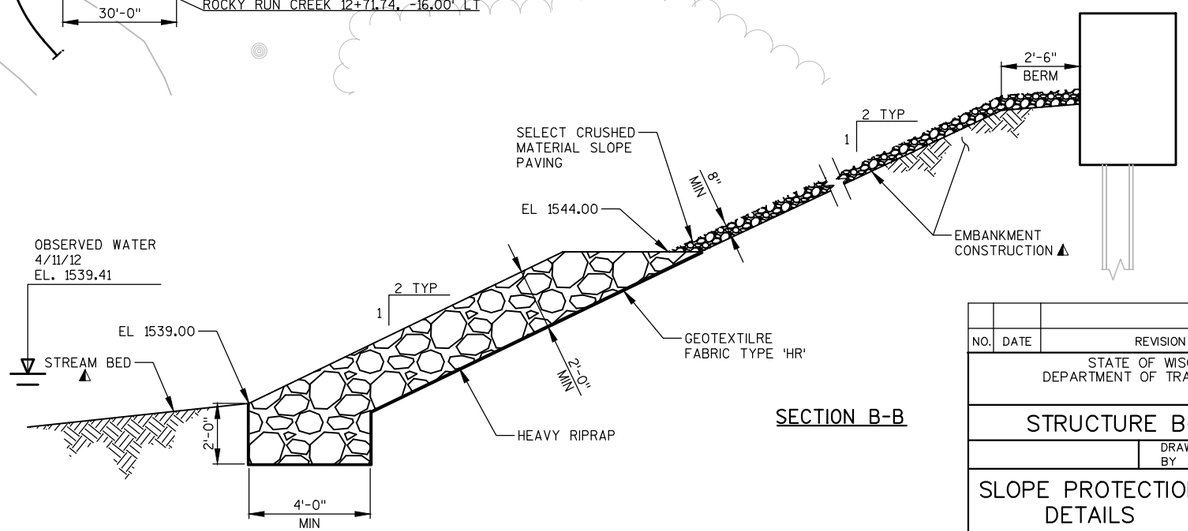
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SECTION A-A



SECTION B-B

NOTES:

⚠ SEE ROADWAY PLANS FOR LIMITS AND QUANTITIES OF ITEMS OTHER THAN RIPRAP HEAVY, GEOTEXTILE FABRIC TYPE HR AND SLOPE PAVING SELECT CRUSHED MATERIAL.

SEE ROADWAY PLANS FOR DETAILS ON ROCKY RUN CREEK REALIGNMENT.

DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

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DEPARTMENT OF TRANSPORTATION

STRUCTURE B-43-61

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SLOPE PROTECTION DETAILS

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EARTHWORK TOTALS

Division	From/To Station	C.Y. Excavation Common 205.0100 Cut	EBS	Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
Phase 1 / Stages 1-4						
USH 51	847+50 - 983+27	104,120	7,157	179,875	18,784	18,784
COTTAGE INN DRIVE	15+00 - 16+40	82	0	231	0	0
STA 962+55 LT P.E.	0+00 - 0+77	100	0	0	0	0
STA 950+00 LT P.E.	0+13 - 0+85	5	0	106	0	0
	Subtotal	104,308	7,157	180,212	18,784	18,784
Phase 1 / Stage 5						
USH 51	847+50 - 983+27	71,571	5,551	62,831	142	142
JACKSON HEIGHTS ROAD	10+20 - 14+00	8,134	0	0	0	0
OAKRIDGE ROAD	10+20 - 15+00	3,696	0	39	0	0
LITTLE BEARSKIN TRAIL ROAD	9+80 - 14+00	11,889	0	11	0	0
	Subtotal	95,291	5,551	62,882	142	142
Phase 2 / Stages 2-3						
USH 51	983+27 - 1133+00	291,210	12,597	170,032	32,407	32,407
CLEARVIEW COURT	10+00 - 13+95	10,088	0	0	0	0
STA 999+00 LT P.E.	0+47 - 1+30	1,012	0	21	0	0
STA 1037+43 LT C.E. "B"	0+00 - 5+76	5,290	0	0	0	0
STA 1037+43 LT C.E. "C"	0+00 - 1+39	492	0	0	0	0
STA 1040+50 LT TEMPORARY C.E.	0+55 - 1+57	104	0	264	0	0
STA 1052+00 LT C.E.	0+29 - 1+41	4	0	3,435	0	0
STA 1070+00 LT P.E.	0+09 - 1+77	1,369	0	0	0	0
STA 1064+00 LT TEMPORARY P.E.	0+00 - 5+47	2,661	0	485	0	0
STA 1064+00 LT P.E.	0+00 - 2+57	4,152	0	230	0	0
STA 1129+00 LT TEMPORARY C.E.	0+00 - 2+81	1,457	0	4	0	0
	Subtotal	317,840	12,597	174,471	32,407	32,407
Phase 2 / Stages 4-5						
USH 51	983+27 - 1133+00	99,722	6,757	33,619	7	7
FROST BITE TRAIL	0+77 - 2+77	27	0	802	0	0
FROST BITE TRAIL TEMPORARY ROAD	0+00 - 4+45	679	0	1,158	0	0
WARBONNET LANE	10+10 - 13+00	1,256	0	509	0	0
S. BLUE LAKE ROAD	10+10 - 12+89	1,819	0	11	0	0
STA 998+40 RT P.E.	1+00 - 4+26	2,752	0	163	0	0
STA 1040+00 RT P.E.	0+89 - 2+42	1,372	0	0	0	0
	Subtotal	107,627	6,757	36,263	7	7
Sub-Total		625,064.82	32,062.34			
Grand Total		**657,127.16**		**453,827.27**	**51,339.34**	**51,339.34**

1) EXCAVATION COMMON = Cut + EBS, Item number 205.0100
2) Cut volume includes concrete and asphaltic surface material.
3) EBS Excavation to be backfilled with Cut material unless otherwise noted in plans.
4) ROADWAY EMBANKMENT = (unexpanded fill volume) + (unexpanded EBS volume)
5) MARSH BACKFILL, Item SPV.0035.02 = EXCAVATION MARSH (unexpanded volume)
6) EBS and Marsh Excavations can be backfilled with excavation common material provided that the material meets SELECT BORROW specifications.
7) Excavated marsh material can be used to build ROADWAY EMBANKMENT outside of the 1:1 slope from the subgrade shoulder point.
8) The **USH 51 Phase 1 / Stages 1-4** Division will require extra material to construct the ROADWAY EMBANKMENT. The contractor may obtain material for this division from the **USH 51 Phase 2 / Stages 2-3** Division, provided that the contractor maintains proper drainage and erosion control measures and does not affect USH 51 traffic within the limits of Phase 2.

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
846+92.7	0	0	0	0	0
847+00	0	0	0	0	0
847+50	0	0	0	0	0
848+00	59	0	0	0	0
848+50	202	0	1	0	0
849+00	387	0	1	0	0
849+50	602	0	1	0	0
850+00	858	0	1	0	0
850+50	1,168	0	1	0	0
851+00	1,547	0	1	0	0
851+50	1,900	0	1	0	0
852+00	2,143	0	1	0	0
852+50	2,296	0	1	0	0
853+00	2,377	0	12	0	0
853+50	2,438	0	38	0	0
854+00	2,500	0	79	0	0
854+50	2,560	0	136	0	0
855+00	2,622	0	188	0	0
855+50	2,699	0	209	0	0
856+00	2,796	0	210	0	0
856+50	2,890	0	210	0	0
857+00	2,960	0	217	0	0
857+50	3,021	0	228	0	0
858+00	3,087	0	237	0	0
858+50	3,246	0	243	0	0
859+00	3,607	0	245	0	0
859+50	4,097	0	247	0	0
860+00	4,543	0	247	0	0
860+50	4,798	0	247	0	0
861+00	4,909	0	252	0	0
861+50	5,000	0	262	0	0
862+00	5,088	0	273	0	0
862+16.24	5,116	0	277	0	0
862+50	5,175	0	290	0	0
863+00	5,264	0	310	0	0
863+50	5,354	0	319	0	0
864+00	5,445	0	326	0	0
864+50	5,534	0	338	0	0
865+00	5,619	0	368	0	0
865+50	5,699	0	422	0	0
866+00	5,777	0	485	0	0
866+50	5,857	0	538	0	0
867+00	5,949	0	561	0	0
867+04.96	5,959	0	562	0	0
867+50	6,086	0	563	0	0
868+00	6,239	0	563	0	0
868+50	6,378	0	563	0	0
869+00	6,483	0	610	0	0
869+50	6,547	0	748	0	0

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
870+00	6,607	0	950	0	0
870+50	6,664	0	1,139	0	0
871+00	6,714	0	1,276	0	0
871+50	6,757	0	1,401	0	0
872+00	6,798	0	1,528	0	0
872+27.09	6,819	0	1,603	0	0
872+50	6,837	0	1,676	0	0
873+00	6,873	0	1,843	0	0
873+50	6,905	0	1,981	0	0
874+00	7,253	0	2,038	0	0
874+50	8,139	0	2,042	0	0
875+00	9,241	0	2,042	0	0
875+50	10,174	0	2,044	0	0
876+00	10,562	0	2,189	0	0
876+50	10,570	0	3,904	0	0
877+00	10,577	0	7,237	0	0
877+50	10,623	0	10,341	0	0
878+00	10,701	0	12,803	0	0
878+50	10,777	0	14,787	0	0
879+00	10,865	0	16,278	0	0
879+50	10,969	0	17,213	0	0
880+00	11,156	0	17,549	0	0
880+45.23	11,423	0	17,582	0	0
880+50	11,452	0	17,584	0	0
881+00	11,635	0	17,934	0	0
881+50	11,690	0	19,336	0	0
882+00	11,730	0	22,033	0	0
882+50	11,755	0	24,357	0	0
882+70	11,761	5	24,722	0	0
882+84.69	11,782	39	24,820	0	0
883+00	11,860	92	24,874	0	0
883+24.6	12,118	132	24,914	0	0
883+50	12,468	139	24,921	0	0
883+60.78	12,595	139	24,921	0	0
884+00	13,093	139	24,921	0	0
884+50	14,451	139	24,921	0	0
884+56.88	14,725	139	24,921	0	0
885+00	16,776	139	24,921	0	0
885+50	19,188	139	24,921	0	0
886+00	20,703	139	24,921	0	0
886+50	21,613	139	24,921	0	0
886+98	22,414	153	24,935	0	0
887+00	22,443	154	24,936	0	0
887+50	22,824	218	25,172	0	0
887+51.28	22,826	220	25,183	0	0
888+00	22,879	290	25,655	0	0
888+50	23,032	391	26,027	0	0
889+00	23,194	492	26,255	0	0
889+50	23,502	629	26,478	0	0

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
890+00	24,318	837	26,686	0	0
890+50	24,893	1,021	26,893	0	0
891+00	24,955	1,113	27,381	0	0
891+50	25,193	1,228	27,868	0	0
892+00	25,632	1,434	28,075	0	0
892+50	25,875	1,550	28,393	0	0
893+00	25,932	1,588	28,751	0	0
893+50	26,265	1,717	28,998	0	0
894+00	26,616	1,867	29,237	0	0
894+50	26,689	1,918	29,646	0	0
895+00	26,938	2,025	30,022	0	0
895+50	27,294	2,215	30,296	0	0
895+83.1	27,378	2,285	30,518	0	0
896+00	27,382	2,291	30,634	0	0
896+50	27,399	2,291	31,070	0	0
897+00	27,413	2,291	31,788	0	0
897+50	27,413	2,291	33,479	0	0
897+75	27,413	2,291	34,990	0	0
898+00	27,413	2,291	36,797	43	43
898+50	27,413	2,291	40,128	176	176
899+00	27,413	2,291	42,578	226	226
899+25	27,413	2,291	43,430	227	227
899+50	27,413	2,291	44,049	227	227
899+52.8	27,413	2,291	44,100	227	227
900+00	27,552	2,374	44,682	227	227
900+50	27,698	2,510	45,079	227	227
900+59	27,698	2,519	45,165	227	227
901+00	27,698	2,520	46,131	227	227
901+25	27,698	2,520	47,131	243	243
901+50	27,698	2,520	48,254	300	300
902+00	27,699	2,520	50,577	506	506
902+50	27,702	2,520	52,959	913	913
903+00	27,711	2,520	55,354	1,959	1,959
903+50	27,718	2,520	57,718	4,474	4,474
903+73.95	27,719	2,520	58,859	6,248	6,248
904+00	27,719	2,520	60,098	8,293	8,293
904+33.95	27,719	2,520	61,707	10,673	10,673
904+50	27,719	2,520	62,471	11,526	11,526
904+93.95	27,719	2,520	64,482	12,514	12,514
905+00	27,719	2,520	64,740	12,514	12,514
905+50	27,807	2,559	66,000	12,514	12,514
905+53.95	27,825	2,567	66,033	12,514	12,514
905+53.95	27,825	2,567	66,033	12,514	12,514
906+00	28,800	2,707	66,328	12,514	12,514
906+13.95	29,339	2,762	66,398	12,514	12,514
906+50	30,626	2,905	66,571	12,514	12,514
907+00	31,406	3,080	66,812	12,514	12,514
907+10.7	31,409	3,106	66,870	12,514	12,514
907+50	31,409	3,145	67,274	12,514	12,514

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
908+00	31,409	3,145	68,020	12,514	12,514
908+50	31,409	3,145	68,692	12,514	12,514
908+96.61	31,489	3,145	69,048	12,514	12,514
909+00	31,503	3,148	69,062	12,514	12,514
909+27.9	31,842	3,232	69,186	12,514	12,514
909+50	32,409	3,301	69,255	12,514	12,514
909+56.6	32,630	3,313	69,267	12,514	12,514
909+56.61	32,630	3,313	69,267	12,514	12,514
910+00	34,386	3,347	69,301	12,514	12,514
910+16.61	35,158	3,347	69,301	12,514	12,514
910+50	36,817	3,347	69,301	12,514	12,514
910+76.61	38,240	3,347	69,301	12,514	12,514
911+00	39,530	3,347	69,301	12,514	12,514
911+26.26	41,002	3,347	69,301	12,514	12,514
911+30	41,214	3,347	69,301	12,514	12,514
911+35	41,498	3,347	69,301	12,514	12,514
911+36.61	41,589	3,347	69,301	12,514	12,514
911+40	41,782	3,347	69,301	12,514	12,514
911+45	42,065	3,347	69,301	12,514	12,514
911+50	42,347	3,347	69,301	12,514	12,514
911+55	42,628	3,347	69,301	12,514	12,514
911+60	42,908	3,347	69,301	12,514	12,514
911+65	43,187	3,347	69,301	12,514	12,514
911+70	43,466	3,347	69,301	12,514	12,514
911+75	43,743	3,347	69,301	12,514	12,514
911+80	44,019	3,347	69,301	12,514	12,514
911+85	44,294	3,347	69,301	12,514	12,514
911+90	44,569	3,347	69,301	12,514	12,514
911+95	44,842	3,347	69,301	12,514	12,514
912+00	45,113	3,347	69,301	12,514	12,514
912+05	45,381	3,347	69,301	12,514	12,514
912+10	45,645	3,347	69,301	12,514	12,514
912+15	45,903	3,347	69,301	12,514	12,514
912+20	46,158	3,347	69,301	12,514	12,514
912+25	46,409	3,347	69,301	12,514	12,514
912+30	46,659	3,347	69,301	12,514	12,514
912+35	46,904	3,347	69,301	12,514	12,514
912+40	47,145	3,347	69,301	12,514	12,514
912+45	47,380	3,347	69,301	12,514	12,514
912+50	47,613	3,347	69,301	12,514	12,514
912+55	47,843	3,347	69,301	12,514	12,514
912+60	48,070	3,347	69,301	12,514	12,514
912+65	48,293	3,347	69,301	12,514	12,514
912+70	48,512	3,347	69,301	12,514	12,514
912+75	48,729	3,347	69,301	12,514	12,514
912+80	48,942	3,347	69,301	12,514	12,514
912+85	49,152	3,347	69,301	12,514	12,514
912+90	49,359	3,347	69,301	12,514	12,514
912+95	49,562	3,347	69,301	12,514	12,514

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PROJECT NO: 1177-11-70 | HWY: USH 51 | COUNTY: ONEIDA | CROSS SECTIONS: USH 51 PHASE 1 - STAGES 1-4 | SHEET 387 | E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100 (70)\EARTHWORK QUANITITIES\PHASE_1_STAGES1-4.DWG
LAYOUT NAME - 090103-EW

PLOT DATE : 10/1/2015 2:12 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
913+00	49,761	3,347	69,301	12,514	12,514
913+05	49,957	3,347	69,301	12,514	12,514
913+10	50,149	3,347	69,301	12,514	12,514
913+15	50,350	3,347	69,301	12,514	12,514
913+20	50,559	3,347	69,301	12,514	12,514
913+25	50,765	3,347	69,301	12,514	12,514
913+30	50,967	3,347	69,301	12,514	12,514
913+35	51,165	3,347	69,301	12,514	12,514
913+40	51,359	3,347	69,301	12,514	12,514
913+45	51,547	3,347	69,301	12,514	12,514
913+50	51,729	3,347	69,301	12,514	12,514
913+55	51,907	3,347	69,301	12,514	12,514
913+60	52,084	3,347	69,301	12,514	12,514
913+65	52,259	3,347	69,301	12,514	12,514
913+70	52,431	3,347	69,301	12,514	12,514
913+75	52,599	3,347	69,301	12,514	12,514
913+80	52,759	3,347	69,301	12,514	12,514
913+85	52,912	3,347	69,301	12,514	12,514
913+90	53,055	3,347	69,301	12,514	12,514
913+95	53,191	3,347	69,301	12,514	12,514
914+00	53,319	3,347	69,301	12,514	12,514
914+05	53,440	3,347	69,301	12,514	12,514
914+10	53,553	3,347	69,301	12,514	12,514
914+15	53,659	3,347	69,301	12,514	12,514
914+20	53,757	3,347	69,301	12,514	12,514
914+25	53,847	3,347	69,301	12,514	12,514
914+30	53,933	3,347	69,301	12,514	12,514
914+35	54,019	3,347	69,301	12,514	12,514
914+40	54,107	3,347	69,301	12,514	12,514
914+45	54,197	3,347	69,301	12,514	12,514
914+50	54,285	3,347	69,301	12,514	12,514
914+55	54,371	3,347	69,301	12,514	12,514
914+60	54,454	3,347	69,301	12,514	12,514
914+65	54,532	3,347	69,301	12,514	12,514
914+70	54,606	3,347	69,301	12,514	12,514
914+75	54,676	3,347	69,301	12,514	12,514
914+80	54,743	3,347	69,301	12,514	12,514
914+85	54,808	3,347	69,301	12,514	12,514
914+90	54,870	3,347	69,301	12,514	12,514
914+95	54,929	3,347	69,301	12,514	12,514
915+00	54,985	3,347	69,301	12,514	12,514
915+05	55,037	3,347	69,301	12,514	12,514
915+06.23	55,049	3,347	69,301	12,514	12,514
915+20.5	55,176	3,351	69,305	12,514	12,514
915+50	55,368	3,406	69,360	12,514	12,514
915+60.36	55,418	3,444	69,398	12,514	12,514
916+00	55,533	3,610	69,564	12,514	12,514
916+50	55,568	3,752	69,775	12,514	12,514
916+68.9	55,569	3,773	69,855	12,514	12,514

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
917+00	55,569	3,783	70,013	12,514	12,514
917+02.16	55,569	3,783	70,026	12,514	12,514
917+05	55,569	3,783	70,043	12,514	12,514
917+10	55,569	3,783	70,071	12,514	12,514
917+15	55,569	3,783	70,091	12,514	12,514
917+20	55,569	3,783	70,102	12,514	12,514
917+25	55,569	3,783	70,108	12,514	12,514
917+30	55,569	3,783	70,112	12,514	12,514
917+35	55,569	3,783	70,116	12,514	12,514
917+40	55,569	3,783	70,120	12,514	12,514
917+45	55,569	3,783	70,126	12,514	12,514
917+50	55,569	3,783	70,135	12,514	12,514
917+55	55,569	3,783	70,148	12,514	12,514
917+60	55,569	3,783	70,172	12,514	12,514
917+65	55,569	3,783	70,203	12,514	12,514
917+70	55,569	3,783	70,241	12,514	12,514
917+72.76	55,569	3,783	70,263	12,514	12,514
918+00	55,569	3,783	70,487	12,514	12,514
918+50	55,569	3,783	70,945	12,514	12,514
919+00	55,569	3,783	71,446	12,514	12,514
919+50	55,569	3,783	71,980	12,514	12,514
920+00	55,569	3,783	72,559	12,514	12,514
920+50	55,569	3,783	73,176	12,514	12,514
921+00	55,569	3,783	73,814	12,514	12,514
921+50	55,569	3,783	74,462	12,514	12,514
922+00	55,569	3,783	75,246	12,514	12,514
922+50	55,569	3,783	76,477	12,514	12,514
923+00	55,571	3,783	78,085	12,514	12,514
923+50	55,577	3,783	79,659	12,514	12,514
924+00	55,593	3,783	81,170	12,514	12,514
924+50	55,620	3,783	83,189	12,514	12,514
924+75.11	55,638	3,783	84,637	12,514	12,514
925+00	55,657	3,783	86,431	12,514	12,514
925+50	55,682	3,783	90,576	12,835	12,835
926+00	55,691	3,783	94,846	13,272	13,272
926+25	55,692	3,783	96,833	13,339	13,339
926+50	55,693	3,783	98,371	13,348	13,348
926+91.82	55,693	3,783	99,745	13,348	13,348
927+00	55,693	3,783	99,878	13,348	13,348
927+37.2	55,693	3,792	100,327	13,348	13,348
927+50	55,693	3,797	100,442	13,348	13,348
928+00	55,693	3,830	100,818	13,348	13,348
928+50	55,695	3,903	101,109	13,348	13,348
929+00	55,704	4,015	101,345	13,348	13,348
929+29.37	55,711	4,083	101,469	13,348	13,348
929+50	55,713	4,135	101,555	13,348	13,348
930+00	55,780	4,312	101,764	13,348	13,348
930+50	55,939	4,519	101,971	13,348	13,348
931+00	56,134	4,726	102,178	13,348	13,348

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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 - STAGES 1-4	SHEET 388	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\EARTHWORK QUANITITIES\PHASE_1_STAGES1-4.DWG
LAYOUT NAME - 090104-EW

PLOT DATE : 10/1/2015 2:12 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
931+50	56,336	4,933	102,384	13,348	13,348
931+71.86	56,440	5,023	102,475	13,348	13,348
932+00	56,611	5,104	102,555	13,348	13,348
932+11.7	56,687	5,116	102,568	13,348	13,348
932+50	56,981	5,127	102,579	13,348	13,348
933+00	57,454	5,127	102,579	13,348	13,348
933+50	58,009	5,127	102,579	13,348	13,348
934+00	58,644	5,127	102,579	13,348	13,348
934+33.14	59,091	5,127	102,579	13,348	13,348
934+35	59,117	5,127	102,579	13,348	13,348
934+40	59,186	5,127	102,579	13,348	13,348
934+45	59,256	5,127	102,579	13,348	13,348
934+50	59,326	5,127	102,579	13,348	13,348
934+55	59,396	5,127	102,579	13,348	13,348
934+60	59,467	5,127	102,579	13,348	13,348
934+65	59,538	5,127	102,579	13,348	13,348
934+70	59,609	5,127	102,579	13,348	13,348
934+75	59,682	5,127	102,579	13,348	13,348
934+80	59,754	5,127	102,579	13,348	13,348
934+82.11	59,785	5,127	102,579	13,348	13,348
934+85	59,827	5,127	102,579	13,348	13,348
934+90	59,902	5,127	102,579	13,348	13,348
934+95	59,977	5,127	102,579	13,348	13,348
935+00	60,051	5,127	102,579	13,348	13,348
935+05	60,127	5,127	102,579	13,348	13,348
935+10	60,202	5,127	102,579	13,348	13,348
935+15	60,278	5,127	102,579	13,348	13,348
935+20	60,354	5,127	102,579	13,348	13,348
935+25	60,429	5,127	102,579	13,348	13,348
935+30	60,505	5,127	102,579	13,348	13,348
935+35	60,582	5,127	102,579	13,348	13,348
935+40	60,659	5,127	102,579	13,348	13,348
935+45	60,735	5,127	102,579	13,348	13,348
935+50	60,811	5,127	102,579	13,348	13,348
935+55	60,887	5,127	102,579	13,348	13,348
935+60	60,963	5,127	102,579	13,348	13,348
935+65	61,039	5,127	102,579	13,348	13,348
935+70	61,114	5,127	102,579	13,348	13,348
935+75	61,189	5,127	102,579	13,348	13,348
935+80	61,265	5,127	102,579	13,348	13,348
935+85	61,341	5,127	102,579	13,348	13,348
935+90	61,418	5,127	102,579	13,348	13,348
935+95	61,495	5,127	102,579	13,348	13,348
936+00	61,573	5,127	102,579	13,348	13,348
936+05	61,652	5,127	102,579	13,348	13,348
936+10	61,731	5,127	102,579	13,348	13,348
936+15	61,811	5,127	102,579	13,348	13,348
936+20	61,891	5,127	102,579	13,348	13,348
936+25	61,971	5,127	102,579	13,348	13,348

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
936+30	62,052	5,127	102,579	13,348	13,348
936+35	62,132	5,127	102,579	13,348	13,348
936+40	62,213	5,127	102,579	13,348	13,348
936+45	62,294	5,127	102,579	13,348	13,348
936+50	62,375	5,127	102,579	13,348	13,348
936+55	62,456	5,127	102,579	13,348	13,348
936+60	62,537	5,127	102,579	13,348	13,348
936+65	62,618	5,127	102,579	13,348	13,348
936+70	62,698	5,127	102,579	13,348	13,348
936+75	62,778	5,127	102,579	13,348	13,348
936+80	62,858	5,127	102,579	13,348	13,348
936+85	62,937	5,127	102,579	13,348	13,348
936+90	63,013	5,127	102,579	13,348	13,348
936+95	63,089	5,127	102,579	13,348	13,348
937+00	63,162	5,127	102,579	13,348	13,348
937+05	63,230	5,127	102,579	13,348	13,348
937+10	63,296	5,127	102,579	13,348	13,348
937+15	63,361	5,127	102,579	13,348	13,348
937+20	63,426	5,127	102,579	13,348	13,348
937+25	63,494	5,127	102,579	13,348	13,348
937+30	63,565	5,127	102,579	13,348	13,348
937+35	63,640	5,127	102,579	13,348	13,348
937+40	63,717	5,127	102,579	13,348	13,348
937+45	63,794	5,127	102,579	13,348	13,348
937+50	63,871	5,127	102,579	13,348	13,348
937+55	63,947	5,127	102,579	13,348	13,348
937+60	64,022	5,127	102,579	13,348	13,348
937+65	64,096	5,127	102,579	13,348	13,348
937+70	64,170	5,127	102,579	13,348	13,348
937+75	64,243	5,127	102,579	13,348	13,348
937+80	64,314	5,127	102,579	13,348	13,348
937+80.7	64,324	5,127	102,579	13,348	13,348
937+85	64,382	5,131	102,582	13,348	13,348
937+90	64,444	5,136	102,588	13,348	13,348
937+95	64,500	5,144	102,596	13,348	13,348
938+00	64,550	5,154	102,606	13,348	13,348
938+05	64,594	5,167	102,618	13,348	13,348
938+10	64,633	5,181	102,633	13,348	13,348
938+12.47	64,651	5,190	102,641	13,348	13,348
938+20.61	64,697	5,220	102,672	13,348	13,348
938+50	64,777	5,329	102,827	13,348	13,348
938+78.1	64,786	5,377	103,038	13,348	13,348
939+00	64,786	5,378	103,278	13,348	13,348
939+50	64,786	5,378	104,172	13,348	13,348
940+00	64,786	5,378	105,353	13,348	13,348
940+50	64,786	5,378	106,562	13,348	13,348
941+00	64,786	5,378	107,808	13,348	13,348
941+50	64,786	5,378	109,478	13,348	13,348
941+93.29	64,787	5,378	111,611	13,348	13,348

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
942+00	64,787	5,378	112,020	13,348	13,348
942+17.89	64,788	5,378	113,322	13,348	13,348
942+50	64,791	5,378	116,197	13,408	13,408
942+77.89	64,793	5,378	118,947	13,533	13,533
943+00	64,796	5,378	121,150	13,661	13,661
943+37.89	64,799	5,378	124,926	13,942	13,942
943+37.9	64,799	5,378	124,926	13,942	13,942
943+50	64,800	5,378	126,137	14,039	14,039
943+67.89	64,802	5,378	127,942	14,186	14,186
944+00	64,806	5,378	131,159	14,439	14,439
944+50	64,817	5,378	135,512	14,716	14,716
945+00	64,834	5,378	138,730	14,873	14,873
945+25	64,840	5,378	140,004	14,897	14,897
945+50	64,842	5,378	141,183	14,897	14,897
946+00	64,842	5,378	143,355	14,897	14,897
946+38.27	64,842	5,378	144,625	14,897	14,897
946+50	64,842	5,378	144,903	14,897	14,897
946+68.27	64,843	5,378	145,263	14,897	14,897
946+68.27	64,843	5,378	145,264	14,897	14,897
947+00	64,856	5,379	145,804	14,897	14,897
947+28.27	64,882	5,381	146,230	14,897	14,897
947+50	64,901	5,383	146,501	14,897	14,897
947+88.27	64,916	5,385	146,897	14,897	14,897
948+00	64,916	5,385	147,002	14,897	14,897
948+50	64,944	5,449	147,335	14,897	14,897
949+00	65,083	5,613	147,554	14,897	14,897
949+50	65,205	5,751	147,788	14,897	14,897
950+00	65,214	5,837	148,142	14,897	14,897
950+50	65,257	5,984	148,469	14,897	14,897
951+00	65,728	6,187	148,676	14,897	14,897
951+50	66,336	6,394	148,883	14,897	14,897
951+71.6	66,414	6,450	148,979	14,897	14,897
952+00	66,414	6,464	149,243	14,897	14,897
952+50	66,414	6,464	150,237	14,897	14,897
953+00	66,414	6,464	151,822	14,897	14,897
953+25	66,414	6,464	152,809	14,930	14,930
953+50	66,414	6,464	153,865	15,100	15,100
954+00	66,414	6,464	156,042	15,924	15,924
954+50	66,414	6,464	158,229	16,836	16,836
955+00	66,415	6,464	160,313	17,409	17,409
955+50	66,419	6,464	162,198	17,622	17,622
956+00	66,430	6,464	164,220	17,629	17,629
956+50	66,439	6,464	166,571	17,703	17,703
957+00	66,449	6,464	168,882	17,905	17,905
957+50	66,460	6,464	171,015	18,164	18,164
958+00	66,463	6,464	172,993	18,289	18,289
958+50	66,464	6,464	174,586	18,289	18,289
959+00	66,466	6,464	175,823	18,289	18,289
959+50	66,467	6,464	176,904	18,289	18,289

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
960+00	66,467	6,464	177,755	18,289	18,289
960+35.7	66,468	6,475	178,114	18,289	18,289
960+50	66,468	6,495	178,186	18,289	18,289
960+68.13	66,469	6,533	178,262	18,289	18,289
961+00	66,489	6,598	178,402	18,289	18,289
961+50	66,573	6,751	178,619	18,289	18,289
962+00	66,724	6,920	178,855	18,289	18,289
962+38.4	67,010	7,053	179,037	18,289	18,289
962+50	67,152	7,097	179,080	18,289	18,289
962+78.2	67,626	7,151	179,135	18,289	18,289
963+00	68,091	7,157	179,141	18,289	18,289
963+50	69,212	7,157	179,141	18,289	18,289
963+73.18	69,782	7,157	179,141	18,289	18,289
963+75	69,832	7,157	179,141	18,289	18,289
963+80	69,970	7,157	179,141	18,289	18,289
963+85	70,114	7,157	179,141	18,289	18,289
963+90	70,263	7,157	179,141	18,289	18,289
963+95	70,417	7,157	179,141	18,289	18,289
964+00	70,577	7,157	179,141	18,289	18,289
964+05	70,742	7,157	179,141	18,289	18,289
964+10	70,913	7,157	179,141	18,289	18,289
964+15	71,090	7,157	179,141	18,289	18,289
964+20	71,271	7,157	179,141	18,289	18,289
964+25	71,456	7,157	179,141	18,289	18,289
964+30	71,643	7,157	179,141	18,289	18,289
964+35	71,832	7,157	179,141	18,289	18,289
964+40	72,024	7,157	179,141	18,289	18,289
964+45	72,217	7,157	179,141	18,289	18,289
964+50	72,415	7,157	179,141	18,289	18,289
964+55	72,621	7,157	179,141	18,289	18,289
964+60	72,832	7,157	179,141	18,289	18,289
964+65	73,047	7,157	179,141	18,289	18,289
964+70	73,267	7,157	179,141	18,289	18,289
964+75	73,491	7,157	179,141	18,289	18,289
964+80	73,719	7,157	179,141	18,289	18,289
964+85	73,949	7,157	179,141	18,289	18,289
964+90	74,180	7,157	179,141	18,289	18,289
964+95	74,411	7,157	179,141	18,289	18,289
965+00	74,645	7,157	179,141	18,289	18,289
965+05	74,881	7,157	179,141	18,289	18,289
965+10	75,120	7,157	179,141	18,289	18,289
965+15	75,361	7,157	179,141	18,289	18,289
965+20	75,602	7,157	179,141	18,289	18,289
965+25	75,846	7,157	179,141	18,289	18,289
965+30	76,091	7,157	179,141	18,289	18,289
965+35	76,339	7,157	179,141	18,289	18,289
965+40	76,589	7,157	179,141	18,289	18,289
965+45	76,844	7,157	179,141	18,289	18,289
965+50	77,100	7,157	179,141	18,289	18,289

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
965+55	77,359	7,157	179,141	18,289	18,289
965+60	77,619	7,157	179,141	18,289	18,289
965+65	77,879	7,157	179,141	18,289	18,289
965+70	78,141	7,157	179,141	18,289	18,289
965+75	78,404	7,157	179,141	18,289	18,289
965+80	78,666	7,157	179,141	18,289	18,289
965+85	78,920	7,157	179,141	18,289	18,289
965+90	79,162	7,157	179,141	18,289	18,289
965+95	79,408	7,157	179,141	18,289	18,289
966+00	79,662	7,157	179,141	18,289	18,289
966+05	79,909	7,157	179,141	18,289	18,289
966+10	80,148	7,157	179,141	18,289	18,289
966+15	80,383	7,157	179,141	18,289	18,289
966+20	80,619	7,157	179,141	18,289	18,289
966+25	80,859	7,157	179,141	18,289	18,289
966+30	81,103	7,157	179,141	18,289	18,289
966+35	81,348	7,157	179,141	18,289	18,289
966+40	81,600	7,157	179,141	18,289	18,289
966+45	81,853	7,157	179,141	18,289	18,289
966+50	82,100	7,157	179,141	18,289	18,289
966+55	82,341	7,157	179,141	18,289	18,289
966+60	82,578	7,157	179,141	18,289	18,289
966+65	82,809	7,157	179,141	18,289	18,289
966+70	83,028	7,157	179,141	18,289	18,289
966+75	83,232	7,157	179,141	18,289	18,289
966+80	83,421	7,157	179,141	18,289	18,289
966+85	83,598	7,157	179,141	18,289	18,289
966+90	83,770	7,157	179,141	18,289	18,289
966+95	83,939	7,157	179,141	18,289	18,289
967+00	84,105	7,157	179,141	18,289	18,289
967+05	84,267	7,157	179,141	18,289	18,289
967+10	84,433	7,157	179,141	18,289	18,289
967+15	84,607	7,157	179,141	18,289	18,289
967+20	84,786	7,157	179,141	18,289	18,289
967+25	84,972	7,157	179,141	18,289	18,289
967+30	85,163	7,157	179,141	18,289	18,289
967+35	85,355	7,157	179,141	18,289	18,289
967+40	85,550	7,157	179,141	18,289	18,289
967+45	85,753	7,157	179,141	18,289	18,289
967+50	85,964	7,157	179,141	18,289	18,289
967+54.19	86,148	7,157	179,141	18,289	18,289
967+56.79	86,265	7,157	179,141	18,289	18,289
968+00	88,402	7,157	179,141	18,289	18,289
968+50	91,091	7,157	179,141	18,289	18,289
969+00	93,399	7,157	179,141	18,289	18,289
969+50	94,814	7,157	179,141	18,289	18,289
970+00	95,800	7,157	179,141	18,289	18,289
970+50	96,874	7,157	179,141	18,289	18,289
970+63.86	97,167	7,157	179,141	18,289	18,289

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
971+00	97,868	7,157	179,141	18,289	18,289
971+50	98,927	7,157	179,141	18,289	18,289
972+00	99,980	7,157	179,141	18,289	18,289
972+50	100,650	7,157	179,141	18,289	18,289
973+00	101,149	7,157	179,142	18,289	18,289
973+50	101,730	7,157	179,144	18,289	18,289
974+00	102,313	7,157	179,152	18,289	18,289
974+50	102,837	7,157	179,166	18,289	18,289
975+00	103,100	7,157	179,209	18,308	18,308
975+50	103,139	7,157	179,279	18,361	18,361
976+00	103,177	7,157	179,348	18,437	18,437
976+50	103,219	7,157	179,410	18,525	18,525
977+00	103,266	7,157	179,463	18,595	18,595
977+50	103,319	7,157	179,516	18,643	18,643
978+00	103,375	7,157	179,569	18,689	18,689
978+50	103,429	7,157	179,618	18,729	18,729
978+76.75	103,459	7,157	179,642	18,748	18,748
979+00	103,487	7,157	179,662	18,760	18,760
979+50	103,558	7,157	179,690	18,773	18,773
980+00	103,653	7,157	179,698	18,775	18,775
980+50	103,743	7,157	179,720	18,779	18,779
981+00	103,813	7,157	179,753	18,784	18,784
981+07	103,823	7,157	179,757	18,784	18,784
981+50	103,884	7,157	179,778	18,784	18,784
982+00	103,955	7,157	179,802	18,784	18,784
982+50	104,022	7,157	179,827	18,784	18,784
983+00	104,087	7,157	179,858	18,784	18,784
983+50	104,120	7,157	179,875	18,784	18,784

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PROJECT NO: 1177-11-70 | HWY: USH 51 | COUNTY: ONEIDA | CROSS SECTIONS: USH 51 PHASE 1 - STAGES 1-4 | SHEET 391 | E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\EARTHWORK QUANITITIES\PHASE_1_STAGES1-4.DWG
LAYOUT NAME - 090107-EW

PLOT DATE : 10/1/2015 2:12 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
846+92.7	0	0	0	0	0
847+00	0	0	0	0	0
847+50	0	0	0	0	0
848+00	11	0	0	0	0
848+50	115	0	0	0	0
849+00	316	0	0	0	0
849+50	505	0	0	0	0
850+00	657	0	0	0	0
850+50	888	0	0	0	0
851+00	1,336	0	0	0	0
851+50	1,845	0	0	0	0
852+00	2,217	0	0	0	0
852+50	2,396	0	11	0	0
853+00	2,453	0	83	0	0
853+50	2,501	0	152	0	0
854+00	2,604	0	160	0	0
854+50	2,908	0	160	0	0
855+00	3,364	0	162	0	0
855+50	3,817	0	167	0	0
856+00	4,352	0	175	0	0
856+50	4,873	0	183	0	0
857+00	5,171	0	191	0	0
857+50	5,312	0	205	0	0
858+00	5,400	0	215	0	0
858+50	5,621	0	216	0	0
859+00	6,207	0	218	0	0
859+50	6,978	0	218	0	0
860+00	7,767	0	219	0	0
860+50	8,491	0	219	0	0
861+00	9,020	0	219	0	0
861+50	9,364	0	219	0	0
862+00	9,595	0	219	0	0
862+16.24	9,665	0	219	0	0
862+50	9,783	0	222	0	0
863+00	9,899	0	241	0	0
863+50	9,983	0	293	0	0
864+00	10,064	0	371	0	0
864+50	10,146	0	468	0	0
865+00	10,228	0	619	0	0
865+50	10,308	0	890	0	0
866+00	10,386	0	1,386	0	0
866+50	10,464	0	2,047	0	0
867+00	10,535	0	2,481	0	0
867+04.96	10,542	0	2,497	0	0
867+50	10,601	0	2,604	0	0
868+00	10,671	0	2,698	0	0
868+50	10,742	0	2,818	0	0
869+00	10,810	0	3,138	0	0
869+50	10,875	0	3,746	0	0

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
870+00	10,944	0	4,577	0	0
870+50	11,016	0	5,569	0	0
871+00	11,087	0	6,605	0	0
871+50	11,165	0	7,271	0	0
872+00	11,275	0	7,431	0	0
872+27.09	11,352	0	7,434	0	0
872+50	11,419	0	7,435	0	0
873+00	11,554	0	7,435	0	0
873+50	11,708	0	7,435	0	0
874+00	11,916	0	7,435	0	0
874+50	12,174	0	7,435	0	0
875+00	12,385	0	7,435	0	0
875+50	12,533	0	7,435	0	0
876+00	12,698	0	7,435	0	0
876+50	12,863	0	7,435	0	0
877+00	13,029	0	7,435	0	0
877+50	13,228	0	7,440	0	0
878+00	13,455	0	7,450	0	0
878+50	13,710	0	7,463	0	0
879+00	13,979	0	7,482	0	0
879+50	14,242	0	7,509	0	0
880+00	14,517	0	7,540	0	0
880+45.23	14,795	0	7,565	0	0
880+50	14,826	0	7,567	0	0
881+00	15,106	0	7,586	0	0
881+50	15,348	0	7,598	0	0
882+00	15,603	0	7,608	0	0
882+50	15,991	0	7,615	0	0
882+70	16,210	29	7,646	0	0
882+84.69	16,383	71	7,690	0	0
883+00	16,572	108	7,728	0	0
883+24.6	16,879	135	7,758	0	0
883+50	17,184	139	7,764	0	0
883+60.78	17,309	139	7,766	0	0
884+00	17,740	139	7,769	0	0
884+50	18,259	139	7,774	0	0
884+56.88	18,329	139	7,775	0	0
885+00	18,793	139	7,779	0	0
885+50	19,358	139	7,784	0	0
886+00	19,820	139	7,790	0	0
886+50	20,308	139	7,795	0	0
886+98	20,917	148	7,808	0	0
887+00	20,943	149	7,809	0	0
887+50	21,515	233	7,898	0	0
887+51.28	21,527	237	7,902	0	0
888+00	22,019	377	8,049	0	0
888+50	22,551	520	8,199	0	0
889+00	23,121	664	8,349	0	0
889+50	23,716	809	8,499	0	0

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
890+00	24,315	954	8,649	0	0
890+50	24,911	1,100	8,800	0	0
891+00	25,490	1,245	8,950	0	0
891+50	26,057	1,390	9,100	0	0
892+00	26,604	1,535	9,250	0	0
892+50	27,102	1,679	9,400	0	0
893+00	27,541	1,821	9,550	0	0
893+50	27,922	1,963	9,700	0	0
894+00	28,242	2,100	9,850	0	0
894+50	28,515	2,235	10,000	0	0
895+00	28,740	2,375	10,150	0	0
895+50	28,895	2,519	10,300	0	0
895+83.1	28,957	2,567	10,356	0	0
896+00	28,979	2,567	10,368	0	0
896+50	29,012	2,567	10,455	0	0
897+00	29,018	2,567	10,597	0	0
897+50	29,018	2,567	10,795	0	0
897+75	29,018	2,567	10,918	0	0
898+00	29,018	2,567	11,060	0	0
898+50	29,018	2,567	11,401	0	0
899+00	29,018	2,567	11,824	0	0
899+25	29,018	2,567	12,075	0	0
899+50	29,018	2,567	12,356	0	0
899+52.8	29,018	2,568	12,389	0	0
900+00	29,018	2,583	13,020	0	0
900+50	29,018	2,598	13,798	0	0
900+59	29,018	2,601	13,950	0	0
901+00	29,018	2,608	14,674	0	0
901+25	29,018	2,608	15,135	0	0
901+50	29,018	2,608	15,611	0	0
902+00	29,018	2,608	16,589	0	0
902+50	29,018	2,608	17,567	0	0
903+00	29,018	2,608	18,537	0	0
903+50	29,018	2,608	19,477	0	0
903+73.95	29,018	2,608	19,905	0	0
904+00	29,018	2,608	20,360	0	0
904+33.95	29,018	2,608	20,948	0	0
904+50	29,018	2,608	21,222	0	0
904+93.95	29,018	2,608	21,934	0	0
905+00	29,018	2,608	22,028	0	0
905+50	29,018	2,614	22,754	0	0
905+53.95	29,018	2,615	22,808	0	0
905+53.95	29,018	2,615	22,808	0	0
906+00	29,018	2,627	23,391	0	0
906+13.95	29,018	2,631	23,552	0	0
906+50	29,018	2,640	23,914	0	0
907+00	29,018	2,653	24,292	0	0
907+10.7	29,018	2,655	24,357	0	0
907+50	29,018	2,660	24,537	0	0

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
908+00	29,020	2,660	24,673	0	0
908+50	29,038	2,660	24,734	0	0
908+96.61	29,110	2,660	24,748	0	0
909+00	29,119	2,665	24,753	0	0
909+27.9	29,226	2,744	24,837	0	0
909+50	29,353	2,790	24,886	0	0
909+56.6	29,397	2,798	24,895	0	0
909+56.61	29,397	2,798	24,895	0	0
910+00	29,755	2,819	24,922	0	0
910+16.61	29,920	2,819	24,924	0	0
910+50	30,300	2,819	24,928	0	0
910+76.61	30,651	2,819	24,931	0	0
911+00	30,994	2,819	24,934	0	0
911+26.26	31,409	2,819	24,936	0	0
911+30	31,470	2,819	24,937	0	0
911+35	31,553	2,819	24,937	0	0
911+36.61	31,580	2,819	24,937	0	0
911+40	31,637	2,819	24,938	0	0
911+45	31,721	2,819	24,938	0	0
911+50	31,806	2,819	24,939	0	0
911+55	31,890	2,819	24,939	0	0
911+60	31,976	2,819	24,940	0	0
911+65	32,062	2,819	24,940	0	0
911+70	32,150	2,819	24,941	0	0
911+75	32,239	2,819	24,941	0	0
911+80	32,329	2,819	24,942	0	0
911+85	32,420	2,819	24,942	0	0
911+90	32,513	2,819	24,943	0	0
911+95	32,606	2,819	24,943	0	0
912+00	32,702	2,819	24,944	0	0
912+05	32,798	2,819	24,944	0	0
912+10	32,895	2,819	24,944	0	0
912+15	32,993	2,819	24,945	0	0
912+20	33,091	2,819	24,945	0	0
912+25	33,190	2,819	24,946	0	0
912+30	33,289	2,819	24,946	0	0
912+35	33,390	2,819	24,947	0	0
912+40	33,492	2,819	24,947	0	0
912+45	33,595	2,819	24,948	0	0
912+50	33,697	2,819	24,948	0	0
912+55	33,800	2,819	24,949	0	0
912+60	33,902	2,819	24,949	0	0
912+65	34,005	2,819	24,950	0	0
912+70	34,110	2,819	24,950	0	0
912+75	34,214	2,819	24,950	0	0
912+80	34,317	2,819	24,951	0	0
912+85	34,417	2,819	24,951	0	0
912+90	34,512	2,819	24,951	0	0
912+95	34,600	2,819	24,951	0	0

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PROJECT NO: 1177-11-70 | HWY: USH 51 | COUNTY: ONEIDA | CROSS SECTIONS: USH 51 PHASE 1 - STAGE 5 | SHEET 393 | E

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
913+00	34,679	2,819	24,952	0	0
913+05	34,746	2,819	24,952	0	0
913+10	34,804	2,819	24,952	0	0
913+15	34,854	2,819	24,952	0	0
913+20	34,898	2,819	24,952	0	0
913+25	34,933	2,819	24,953	0	0
913+30	34,961	2,819	24,953	0	0
913+35	34,981	2,819	24,953	0	0
913+40	34,994	2,819	24,953	0	0
913+45	35,001	2,819	24,953	0	0
913+50	35,003	2,819	24,954	0	0
913+55	35,006	2,819	24,954	0	0
913+60	35,011	2,819	24,954	0	0
913+65	35,021	2,819	24,954	0	0
913+70	35,038	2,819	24,954	0	0
913+75	35,063	2,819	24,955	0	0
913+80	35,095	2,819	24,955	0	0
913+85	35,133	2,819	24,955	0	0
913+90	35,178	2,819	24,955	0	0
913+95	35,230	2,819	24,955	0	0
914+00	35,290	2,819	24,956	0	0
914+05	35,358	2,819	24,956	0	0
914+10	35,434	2,819	24,956	0	0
914+15	35,516	2,819	24,956	0	0
914+20	35,603	2,819	24,957	0	0
914+25	35,691	2,819	24,957	0	0
914+30	35,778	2,819	24,958	0	0
914+35	35,862	2,819	24,958	0	0
914+40	35,945	2,819	24,959	0	0
914+45	36,025	2,819	24,959	0	0
914+50	36,103	2,819	24,960	0	0
914+55	36,179	2,819	24,960	0	0
914+60	36,252	2,819	24,961	0	0
914+65	36,324	2,819	24,961	0	0
914+70	36,394	2,819	24,962	0	0
914+75	36,462	2,819	24,962	0	0
914+80	36,529	2,819	24,963	0	0
914+85	36,593	2,819	24,963	0	0
914+90	36,656	2,819	24,964	0	0
914+95	36,717	2,819	24,964	0	0
915+00	36,777	2,819	24,965	0	0
915+05	36,834	2,819	24,965	0	0
915+06.23	36,848	2,819	24,965	0	0
915+20.5	37,002	2,822	24,969	0	0
915+50	37,286	2,859	25,010	0	0
915+60.36	37,375	2,886	25,037	0	0
916+00	37,672	3,002	25,157	0	0
916+50	37,938	3,144	25,309	0	0
916+68.9	38,008	3,195	25,366	0	0

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
917+00	38,096	3,236	25,421	0	0
917+02.16	38,101	3,236	25,422	0	0
917+05	38,107	3,236	25,424	0	0
917+10	38,117	3,236	25,426	0	0
917+15	38,126	3,236	25,428	0	0
917+20	38,134	3,236	25,429	0	0
917+25	38,142	3,236	25,430	0	0
917+30	38,148	3,236	25,432	0	0
917+35	38,154	3,236	25,433	0	0
917+40	38,159	3,236	25,436	0	0
917+45	38,164	3,236	25,438	0	0
917+50	38,168	3,236	25,442	0	0
917+55	38,171	3,236	25,447	0	0
917+60	38,175	3,236	25,452	0	0
917+65	38,177	3,236	25,458	0	0
917+70	38,180	3,236	25,465	0	0
917+72.76	38,181	3,236	25,469	0	0
918+00	38,190	3,236	25,515	0	0
918+50	38,195	3,236	25,644	0	0
919+00	38,195	3,236	25,826	0	0
919+50	38,195	3,236	26,063	0	0
920+00	38,195	3,236	26,356	0	0
920+50	38,195	3,236	26,703	0	0
921+00	38,195	3,236	27,107	0	0
921+50	38,195	3,236	27,565	0	0
922+00	38,195	3,236	28,077	0	0
922+50	38,195	3,236	28,646	0	0
923+00	38,195	3,236	29,273	0	0
923+50	38,195	3,236	29,960	0	0
924+00	38,195	3,236	30,714	0	0
924+50	38,195	3,236	31,539	0	0
924+75.11	38,195	3,236	31,978	0	0
925+00	38,195	3,236	32,446	0	0
925+50	38,201	3,236	33,373	0	0
926+00	38,206	3,236	34,215	0	0
926+25	38,206	3,236	34,623	0	0
926+50	38,206	3,236	35,014	0	0
926+91.82	38,206	3,236	35,614	0	0
927+00	38,207	3,236	35,723	0	0
927+37.2	38,209	3,242	36,186	0	0
927+50	38,210	3,246	36,334	0	0
928+00	38,219	3,262	36,833	0	0
928+50	38,257	3,278	37,199	0	0
929+00	38,352	3,295	37,455	0	0
929+29.37	38,394	3,313	37,585	0	0
929+50	38,425	3,337	37,666	0	0
930+00	38,645	3,436	37,843	0	0
930+50	38,955	3,570	38,043	0	0
931+50	39,803	3,860	38,422	0	0

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PROJECT NO: 1177-11-70 | HWY: USH 51 | COUNTY: ONEIDA | CROSS SECTIONS: USH 51 PHASE 1 - STAGE 5 | SHEET 394 | E

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
931+71.86	40,039	3,924	38,497	0	0
932+00	40,336	3,981	38,561	0	0
932+11.7	40,466	3,989	38,573	0	0
932+50	40,948	3,996	38,593	0	0
933+00	41,609	3,996	38,602	0	0
933+50	42,303	3,996	38,609	0	0
934+00	42,973	3,996	38,640	0	0
934+33.14	43,383	3,996	38,660	0	0
934+35	43,406	3,996	38,660	0	0
934+40	43,468	3,996	38,660	0	0
934+45	43,530	3,996	38,661	0	0
934+50	43,594	3,996	38,661	0	0
934+55	43,658	3,996	38,662	0	0
934+60	43,724	3,996	38,662	0	0
934+65	43,791	3,996	38,663	0	0
934+70	43,858	3,996	38,663	0	0
934+75	43,927	3,996	38,664	0	0
934+80	43,997	3,996	38,664	0	0
934+82.11	44,027	3,996	38,665	0	0
934+85	44,068	3,996	38,665	0	0
934+90	44,140	3,996	38,665	0	0
934+95	44,214	3,996	38,666	0	0
935+00	44,288	3,996	38,666	0	0
935+05	44,363	3,996	38,667	0	0
935+10	44,440	3,996	38,667	0	0
935+15	44,517	3,996	38,668	0	0
935+20	44,594	3,996	38,668	0	0
935+25	44,673	3,996	38,669	0	0
935+30	44,752	3,996	38,669	0	0
935+35	44,832	3,996	38,670	0	0
935+40	44,912	3,996	38,670	0	0
935+45	44,994	3,996	38,671	0	0
935+50	45,077	3,996	38,671	0	0
935+55	45,160	3,996	38,672	0	0
935+60	45,244	3,996	38,672	0	0
935+65	45,329	3,996	38,673	0	0
935+70	45,415	3,996	38,673	0	0
935+75	45,502	3,996	38,674	0	0
935+80	45,589	3,996	38,674	0	0
935+85	45,676	3,996	38,674	0	0
935+90	45,764	3,996	38,674	0	0
935+95	45,848	3,996	38,675	0	0
936+00	45,926	3,996	38,675	0	0
936+05	45,995	3,996	38,675	0	0
936+10	46,055	3,996	38,675	0	0
936+15	46,107	3,996	38,675	0	0
936+20	46,152	3,996	38,676	0	0
936+25	46,191	3,996	38,676	0	0
936+30	46,224	3,996	38,676	0	0

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
936+35	46,249	3,996	38,676	0	0
936+40	46,269	3,996	38,676	0	0
936+45	46,282	3,996	38,677	0	0
936+50	46,290	3,996	38,677	0	0
936+55	46,294	3,996	38,677	0	0
936+60	46,296	3,996	38,677	0	0
936+65	46,300	3,996	38,677	0	0
936+70	46,307	3,996	38,678	0	0
936+75	46,320	3,996	38,678	0	0
936+80	46,337	3,996	38,678	0	0
936+85	46,360	3,996	38,678	0	0
936+90	46,388	3,996	38,678	0	0
936+95	46,420	3,996	38,679	0	0
937+00	46,458	3,996	38,679	0	0
937+05	46,502	3,996	38,679	0	0
937+10	46,554	3,996	38,679	0	0
937+15	46,613	3,996	38,679	0	0
937+20	46,678	3,996	38,680	0	0
937+25	46,748	3,996	38,680	0	0
937+30	46,821	3,996	38,681	0	0
937+35	46,893	3,996	38,681	0	0
937+40	46,964	3,996	38,682	0	0
937+45	47,034	3,996	38,682	0	0
937+50	47,102	3,996	38,683	0	0
937+55	47,169	3,996	38,683	0	0
937+60	47,235	3,996	38,684	0	0
937+65	47,300	3,996	38,684	0	0
937+70	47,363	3,996	38,685	0	0
937+75	47,424	3,996	38,685	0	0
937+80	47,483	3,996	38,686	0	0
937+80.7	47,491	3,996	38,686	0	0
937+85	47,541	3,998	38,688	0	0
937+90	47,598	4,002	38,692	0	0
937+95	47,653	4,007	38,698	0	0
938+00	47,706	4,014	38,705	0	0
938+05	47,758	4,022	38,714	0	0
938+10	47,809	4,032	38,725	0	0
938+12.47	47,833	4,038	38,731	0	0
938+20.61	47,911	4,059	38,753	0	0
938+50	48,147	4,143	38,841	0	0
938+78.1	48,314	4,215	38,925	0	0
939+00	48,413	4,241	38,971	0	0
939+50	48,562	4,241	39,066	0	0
940+00	48,622	4,241	39,246	0	0
940+50	48,634	4,241	39,539	0	0
941+00	48,634	4,241	39,976	0	0
941+50	48,634	4,241	40,596	0	0
941+93.29	48,634	4,241	41,290	0	0
942+00	48,634	4,241	41,411	0	0

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\EARTHWORK QUANITITIES\PHASE_1_STAGE_5.DWG
LAYOUT NAME - 090111-EW

PLOT DATE : 10/1/2015 2:12 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
942+17.89	48,634	4,241	41,749	0	0
942+50	48,634	4,241	42,382	0	0
942+77.89	48,634	4,241	42,954	0	0
943+00	48,634	4,241	43,434	0	0
943+37.89	48,634	4,241	44,293	0	0
943+37.9	48,634	4,241	44,293	0	0
943+50	48,634	4,241	44,573	0	0
943+67.89	48,634	4,241	44,982	0	0
944+00	48,634	4,241	45,711	0	0
944+50	48,634	4,241	46,916	0	0
945+00	48,634	4,241	48,152	0	0
945+25	48,634	4,241	48,738	0	0
945+50	48,634	4,241	49,298	0	0
946+00	48,634	4,241	50,335	0	0
946+38.27	48,634	4,241	51,020	0	0
946+50	48,634	4,241	51,206	0	0
946+68.27	48,634	4,241	51,466	0	0
946+68.27	48,634	4,241	51,466	0	0
947+00	48,634	4,248	51,834	0	0
947+28.27	48,634	4,265	52,096	0	0
947+50	48,634	4,285	52,262	0	0
947+88.27	48,634	4,327	52,498	0	0
948+00	48,634	4,340	52,558	0	0
948+50	48,674	4,412	52,767	0	0
949+00	48,760	4,522	52,931	0	0
949+50	48,854	4,652	53,083	0	0
950+00	48,953	4,796	53,233	0	0
950+50	49,120	4,943	53,383	0	0
951+00	49,379	5,088	53,533	0	0
951+50	49,668	5,233	53,684	0	0
951+71.6	49,788	5,297	53,748	0	0
952+00	49,934	5,340	53,800	0	0
952+50	50,101	5,340	53,902	0	0
953+00	50,167	5,340	54,090	0	0
953+25	50,190	5,340	54,192	0	0
953+50	50,206	5,340	54,306	0	0
954+00	50,220	5,340	54,589	0	0
954+50	50,222	5,340	54,935	0	0
955+00	50,222	5,340	55,337	0	0
955+50	50,222	5,340	55,811	0	0
956+00	50,222	5,340	56,374	0	0
956+50	50,222	5,340	57,014	0	0
957+00	50,222	5,340	57,694	0	0
957+50	50,222	5,340	58,377	0	0
958+00	50,222	5,340	59,031	0	0
958+50	50,222	5,340	59,640	0	0
959+00	50,222	5,340	60,198	0	0
959+50	50,222	5,340	60,699	0	0
960+00	50,222	5,340	61,134	0	0

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
960+35.7	50,222	5,345	61,412	0	0
960+50	50,222	5,350	61,517	0	0
960+68.13	50,222	5,356	61,642	0	0
961+00	50,222	5,366	61,841	0	0
961+50	50,222	5,383	62,084	0	0
962+00	50,234	5,420	62,271	0	0
962+38.4	50,284	5,486	62,395	0	0
962+50	50,314	5,512	62,425	0	0
962+78.2	50,436	5,547	62,462	0	0
963+00	50,574	5,551	62,468	0	0
963+50	51,026	5,551	62,473	0	0
963+73.18	51,298	5,551	62,476	0	0
963+75	51,321	5,551	62,476	0	0
963+80	51,386	5,551	62,476	0	0
963+85	51,452	5,551	62,477	0	0
963+90	51,520	5,551	62,477	0	0
963+95	51,590	5,551	62,478	0	0
964+00	51,661	5,551	62,478	0	0
964+05	51,734	5,551	62,479	0	0
964+10	51,810	5,551	62,479	0	0
964+15	51,888	5,551	62,480	0	0
964+20	51,968	5,551	62,480	0	0
964+25	52,051	5,551	62,481	0	0
964+30	52,137	5,551	62,481	0	0
964+35	52,225	5,551	62,482	0	0
964+40	52,315	5,551	62,482	0	0
964+45	52,407	5,551	62,483	0	0
964+50	52,502	5,551	62,483	0	0
964+55	52,599	5,551	62,484	0	0
964+60	52,699	5,551	62,484	0	0
964+65	52,801	5,551	62,485	0	0
964+70	52,906	5,551	62,485	0	0
964+75	53,014	5,551	62,486	0	0
964+80	53,124	5,551	62,486	0	0
964+85	53,237	5,551	62,487	0	0
964+90	53,354	5,551	62,487	0	0
964+95	53,474	5,551	62,488	0	0
965+00	53,597	5,551	62,488	0	0
965+05	53,723	5,551	62,489	0	0
965+10	53,853	5,551	62,489	0	0
965+15	53,988	5,551	62,489	0	0
965+20	54,122	5,551	62,490	0	0
965+25	54,256	5,551	62,490	0	0
965+30	54,385	5,551	62,490	0	0
965+35	54,506	5,551	62,490	0	0
965+40	54,615	5,551	62,491	0	0
965+45	54,708	5,551	62,491	0	0
965+50	54,786	5,551	62,491	0	0
965+55	54,850	5,551	62,491	0	0

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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 - STAGE 5	SHEET 396	E

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
965+60	54,902	5,551	62,491	0	0
965+65	54,941	5,551	62,492	0	0
965+70	54,966	5,551	62,492	0	0
965+75	54,980	5,551	62,492	0	0
965+80	54,986	5,551	62,492	0	0
965+85	54,988	5,551	62,492	0	0
965+90	54,989	5,551	62,492	0	0
965+95	54,994	5,551	62,493	0	0
966+00	55,008	5,551	62,493	0	0
966+05	55,028	5,551	62,493	0	0
966+10	55,057	5,551	62,494	0	0
966+15	55,096	5,551	62,494	0	0
966+20	55,144	5,551	62,494	0	0
966+25	55,202	5,551	62,495	0	0
966+30	55,268	5,551	62,495	0	0
966+35	55,343	5,551	62,496	0	0
966+40	55,428	5,551	62,496	0	0
966+45	55,523	5,551	62,497	0	0
966+50	55,630	5,551	62,497	0	0
966+55	55,749	5,551	62,498	0	0
966+60	55,879	5,551	62,498	0	0
966+65	56,019	5,551	62,499	0	0
966+70	56,167	5,551	62,500	0	0
966+75	56,323	5,551	62,500	0	0
966+80	56,486	5,551	62,501	0	0
966+85	56,655	5,551	62,502	0	0
966+90	56,828	5,551	62,503	0	0
966+95	57,004	5,551	62,503	0	0
967+00	57,181	5,551	62,504	0	0
967+05	57,360	5,551	62,505	0	0
967+10	57,540	5,551	62,505	0	0
967+15	57,719	5,551	62,506	0	0
967+20	57,897	5,551	62,506	0	0
967+25	58,073	5,551	62,506	0	0
967+30	58,245	5,551	62,507	0	0
967+35	58,414	5,551	62,507	0	0
967+40	58,582	5,551	62,508	0	0
967+45	58,753	5,551	62,508	0	0
967+50	58,926	5,551	62,509	0	0
967+54.19	59,075	5,551	62,509	0	0
967+56.79	59,169	5,551	62,509	0	0
968+00	60,742	5,551	62,513	0	0
968+50	62,528	5,551	62,517	0	0
969+00	63,955	5,551	62,521	0	0
969+50	65,062	5,551	62,525	0	0
970+00	66,282	5,551	62,529	0	0
970+50	67,624	5,551	62,534	0	0
970+63.86	67,991	5,551	62,535	0	0
971+00	68,852	5,551	62,538	0	0
971+50	69,597	5,551	62,542	0	0
972+00	69,845	5,551	62,543	0	0
972+50	69,945	5,551	62,543	1	1
973+00	70,058	5,551	62,544	2	2
973+50	70,161	5,551	62,547	3	3
974+00	70,265	5,551	62,556	3	3
974+50	70,363	5,551	62,572	3	3
975+00	70,442	5,551	62,594	9	9
975+50	70,503	5,551	62,623	39	39
976+00	70,557	5,551	62,653	102	102
976+50	70,614	5,551	62,677	142	142
977+00	70,672	5,551	62,695	142	142
977+50	70,727	5,551	62,712	142	142
978+00	70,779	5,551	62,724	142	142
978+50	70,837	5,551	62,734	142	142
978+76.75	70,873	5,551	62,739	142	142
979+00	70,904	5,551	62,744	142	142
979+50	70,971	5,551	62,756	142	142
980+00	71,040	5,551	62,768	142	142
980+50	71,109	5,551	62,781	142	142
981+00	71,180	5,551	62,795	142	142
981+07	71,190	5,551	62,797	142	142
981+50	71,251	5,551	62,809	142	142
982+00	71,322	5,551	62,822	142	142
982+50	71,395	5,551	62,828	142	142
983+00	71,479	5,551	62,830	142	142
983+50	71,571	5,551	62,831	142	142

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
983+00	0	0	0	0	0
983+50	34	0	14	0	0
984+00	99	0	46	1	1
984+50	159	0	92	1	1
985+00	214	0	158	84	84
985+50	259	0	247	304	304
986+00	293	0	358	576	576
986+50	323	0	483	839	839
987+00	347	0	628	1,084	1,084
987+50	362	0	810	1,341	1,341
988+00	367	0	1,027	1,675	1,675
988+50	367	0	1,279	2,142	2,142
989+00	367	0	1,594	2,723	2,723
989+50	367	0	1,997	3,259	3,259
990+00	372	0	2,498	3,724	3,724
990+26.37	378	0	2,804	3,975	3,975
990+50	387	0	3,107	4,204	4,204
990+75	402	0	3,431	4,465	4,465
990+79.5	405	1	3,482	4,491	4,491
991+00	423	43	3,641	4,491	4,491
991+50	550	260	3,901	4,491	4,491
992+00	658	397	4,170	4,491	4,491
992+32.82	668	469	4,347	4,491	4,491
992+50	683	545	4,436	4,491	4,491
992+60.38	704	597	4,490	4,491	4,491
993+00	986	715	4,608	4,491	4,491
993+50	1,717	733	4,626	4,491	4,491
994+00	2,522	733	4,626	4,491	4,491
994+21.6	2,806	740	4,653	4,491	4,491
994+50	3,051	799	4,773	4,491	4,491
994+61.48	3,097	845	4,844	4,491	4,491
994+82.5	3,125	901	5,015	4,491	4,491
995+00	3,130	906	5,240	4,491	4,491
995+50	3,139	906	6,098	4,491	4,491
995+50.2	3,139	906	6,102	4,491	4,491
996+00	3,179	971	6,828	4,491	4,491
996+16.97	3,220	1,016	6,989	4,491	4,491
996+50	3,381	1,091	7,161	4,491	4,491
996+56.8	3,427	1,097	7,169	4,491	4,491
997+00	3,814	1,112	7,204	4,491	4,491
997+50	4,513	1,112	7,225	4,491	4,491
998+00	5,368	1,112	7,225	4,491	4,491
998+50	6,345	1,112	7,225	4,491	4,491
999+00	7,568	1,112	7,225	4,491	4,491
999+50	8,878	1,112	7,225	4,491	4,491
1000+00	10,185	1,112	7,225	4,491	4,491
1000+50	11,667	1,112	7,225	4,491	4,491
1001+00	13,471	1,112	7,225	4,491	4,491
1001+50	15,326	1,112	7,225	4,491	4,491

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
1001+63.12	15,776	1,112	7,225	4,491	4,491
1002+00	16,828	1,112	7,225	4,491	4,491
1002+42.4	17,572	1,127	7,240	4,491	4,491
1002+50	17,654	1,136	7,249	4,491	4,491
1002+82.23	17,866	1,242	7,357	4,491	4,491
1003+00	17,909	1,327	7,454	4,491	4,491
1003+50	17,968	1,530	7,728	4,491	4,491
1003+81.4	17,987	1,601	7,896	4,491	4,491
1004+00	17,994	1,609	8,004	4,491	4,491
1004+50	18,001	1,609	8,404	4,491	4,491
1005+00	18,001	1,609	8,966	4,491	4,491
1005+50	18,001	1,609	9,491	4,491	4,491
1005+88.9	18,091	1,672	9,759	4,491	4,491
1006+00	18,146	1,709	9,819	4,491	4,491
1006+50	18,339	1,867	10,098	4,491	4,491
1006+87.21	18,405	1,961	10,460	4,491	4,491
1007+00	18,428	2,008	10,580	4,491	4,491
1007+50	18,671	2,262	10,842	4,491	4,491
1008+00	18,949	2,512	11,102	4,491	4,491
1008+46.59	19,044	2,624	11,596	4,491	4,491
1008+50	19,044	2,624	11,654	4,491	4,491
1009+00	19,044	2,630	12,769	4,491	4,491
1009+06.59	19,044	2,631	12,939	4,491	4,491
1009+10	19,044	2,631	13,023	4,491	4,491
1009+50	19,044	2,631	14,067	4,491	4,491
1009+66.59	19,044	2,631	14,617	4,491	4,491
1010+00	19,044	2,631	15,858	4,491	4,491
1010+20.59	19,044	2,631	16,556	4,491	4,491
1010+26.59	19,044	2,631	16,747	4,491	4,491
1010+50	19,044	2,631	17,506	4,491	4,491
1010+77.59	19,044	2,631	18,406	4,491	4,491
1011+00	19,044	2,631	19,092	4,491	4,491
1011+50	19,044	2,631	20,544	4,491	4,491
1012+00	19,044	2,631	21,935	4,491	4,491
1012+50	19,044	2,631	23,219	4,491	4,491
1013+00	19,044	2,631	24,421	4,491	4,491
1013+50	19,044	2,631	25,450	4,491	4,491
1014+00	19,155	2,653	26,079	4,491	4,491
1014+50	19,853	2,790	26,393	4,491	4,491
1015+00	21,321	3,030	26,652	4,491	4,491
1015+50	23,167	3,275	26,911	4,491	4,491
1016+00	25,057	3,507	27,169	4,491	4,491
1016+50	26,708	3,729	27,428	4,491	4,491
1017+00	27,923	3,942	27,687	4,491	4,491
1017+50	28,944	4,142	27,944	4,491	4,491
1018+00	30,037	4,331	28,203	4,491	4,491
1018+50	30,599	4,433	28,560	4,491	4,491
1018+59.78	30,600	4,435	28,653	4,491	4,491
1019+00	30,606	4,435	29,695	4,491	4,491

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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 - STAGES 2-3	SHEET 398	E

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1019+25	30,608	4,435	30,783	4,716	4,716
1019+50	30,609	4,435	31,896	5,132	5,132
1020+00	30,614	4,435	34,021	6,171	6,171
1020+50	30,619	4,435	36,058	7,499	7,499
1021+00	30,625	4,435	38,056	8,335	8,335
1021+50	30,632	4,435	39,844	8,550	8,550
1021+63.19	30,634	4,435	40,250	8,574	8,574
1022+00	30,639	4,440	41,182	8,616	8,616
1022+18.45	30,641	4,452	41,548	8,624	8,624
1022+50	30,646	4,484	42,091	8,631	8,631
1022+69.45	30,649	4,506	42,421	8,637	8,637
1022+75.45	30,649	4,513	42,531	8,641	8,641
1023+00	30,652	4,533	43,009	8,667	8,667
1023+29.45	30,657	4,542	43,678	8,719	8,719
1023+50	30,661	4,542	44,244	8,772	8,772
1023+89.45	30,672	4,542	45,551	9,064	9,064
1024+00	30,676	4,542	45,944	9,195	9,195
1024+49.45	30,709	4,542	47,871	10,412	10,412
1024+50	30,709	4,542	47,893	10,432	10,432
1025+00	30,741	4,542	49,931	12,499	12,499
1025+50	30,753	4,542	52,059	14,799	14,799
1026+00	30,759	4,542	54,378	17,065	17,065
1026+50	30,764	4,542	56,820	18,944	18,944
1027+00	30,768	4,542	59,217	19,975	19,975
1027+25	30,769	4,542	60,371	20,239	20,239
1027+50	30,770	4,542	61,366	20,367	20,367
1028+00	30,773	4,542	62,749	20,367	20,367
1028+50	30,774	4,542	64,016	20,367	20,367
1029+00	30,774	4,542	65,651	20,367	20,367
1029+50	30,808	4,542	66,958	20,367	20,367
1029+94.9	30,842	4,610	67,459	20,367	20,367
1030+00	30,844	4,626	67,487	20,367	20,367
1030+50	30,883	4,836	67,750	20,367	20,367
1030+92.98	30,974	5,054	67,974	20,367	20,367
1031+00	31,000	5,088	68,008	20,367	20,367
1031+32.8	31,296	5,171	68,091	20,367	20,367
1031+50	31,574	5,177	68,097	20,367	20,367
1032+00	32,911	5,177	68,097	20,367	20,367
1032+50	34,825	5,177	68,097	20,367	20,367
1033+00	37,148	5,177	68,097	20,367	20,367
1033+50	39,864	5,177	68,097	20,367	20,367
1034+00	42,763	5,177	68,097	20,367	20,367
1034+50	45,691	5,177	68,097	20,367	20,367
1035+00	48,620	5,177	68,097	20,367	20,367
1035+50	51,624	5,177	68,097	20,367	20,367
1036+00	54,769	5,177	68,097	20,367	20,367
1036+50	58,041	5,177	68,097	20,367	20,367
1037+00	61,413	5,177	68,097	20,367	20,367
1037+39.18	64,443	5,177	68,097	20,367	20,367
1037+50	65,276	5,177	68,097	20,367	20,367
1038+00	68,602	5,177	68,097	20,367	20,367
1038+50	71,815	5,177	68,097	20,367	20,367
1039+00	74,909	5,177	68,097	20,367	20,367
1039+50	77,890	5,177	68,097	20,367	20,367
1040+00	80,592	5,177	68,097	20,367	20,367
1040+50	82,490	5,177	68,097	20,367	20,367
1041+00	83,605	5,177	68,210	20,367	20,367
1041+50	84,552	5,177	68,342	20,367	20,367
1042+00	86,196	5,177	68,360	20,367	20,367
1042+50	88,693	5,177	68,360	20,367	20,367
1042+86.58	90,665	5,177	68,360	20,367	20,367
1043+00	91,393	5,177	68,360	20,367	20,367
1043+47.2	93,925	5,177	68,360	20,367	20,367
1043+50	94,074	5,177	68,360	20,367	20,367
1044+00	96,727	5,177	68,360	20,367	20,367
1044+07.2	97,107	5,177	68,360	20,367	20,367
1044+50	99,297	5,177	68,360	20,367	20,367
1044+67.2	100,142	5,177	68,360	20,367	20,367
1044+87.2	101,064	5,177	68,360	20,367	20,367
1045+00	101,606	5,177	68,360	20,367	20,367
1045+27.2	102,622	5,177	68,360	20,367	20,367
1045+50	103,304	5,177	68,360	20,367	20,367
1045+57	103,472	5,180	68,362	20,367	20,367
1045+96.91	103,959	5,291	68,486	20,367	20,367
1046+00	103,965	5,305	68,504	20,367	20,367
1046+50	103,998	5,416	68,862	20,367	20,367
1047+00	104,055	5,509	69,207	20,367	20,367
1047+50	104,236	5,726	69,473	20,367	20,367
1048+00	104,687	5,978	69,762	20,367	20,367
1048+50	105,514	6,229	70,066	20,367	20,367
1048+78.1	105,873	6,344	70,266	20,367	20,367
1049+00	105,933	6,380	70,625	20,367	20,367
1049+50	105,933	6,380	72,642	20,367	20,367
1050+00	105,933	6,380	75,420	20,367	20,367
1050+50	105,933	6,380	78,095	20,367	20,367
1051+00	105,935	6,380	80,538	20,367	20,367
1051+50	105,938	6,380	82,772	20,367	20,367
1051+91.77	105,940	6,380	84,667	20,367	20,367
1052+00	105,940	6,380	85,072	20,367	20,367
1052+31.76	105,941	6,380	86,773	20,367	20,367
1052+50	105,942	6,380	87,773	20,367	20,367
1052+51.77	105,942	6,380	87,868	20,367	20,367
1053+00	105,945	6,380	90,382	20,367	20,367
1053+11.77	105,946	6,380	90,960	20,367	20,367
1053+30.93	105,948	6,380	91,839	20,367	20,367
1053+50	105,953	6,380	92,590	20,367	20,367
1053+71.77	105,966	6,380	93,287	20,367	20,367
1054+00	105,991	6,380	94,047	20,367	20,367

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
1054+50	106,031	6,380	95,156	20,367	20,367
1055+00	106,050	6,380	96,104	20,367	20,367
1055+50	106,058	6,380	97,100	20,367	20,367
1055+64.5	106,061	6,380	97,395	20,367	20,367
1055+65	106,061	6,380	97,405	20,367	20,367
1055+70	106,063	6,380	97,499	20,367	20,367
1055+75	106,064	6,380	97,593	20,367	20,367
1055+80	106,066	6,380	97,693	20,367	20,367
1055+85	106,069	6,380	97,797	20,367	20,367
1055+90	106,072	6,380	97,900	20,367	20,367
1055+95	106,076	6,380	98,001	20,367	20,367
1056+00	106,078	6,380	98,097	20,367	20,367
1056+05	106,078	6,380	98,192	20,367	20,367
1056+10	106,078	6,380	98,282	20,367	20,367
1056+15	106,078	6,380	98,370	20,367	20,367
1056+20	106,078	6,380	98,452	20,367	20,367
1056+25	106,079	6,380	98,526	20,367	20,367
1056+30	106,081	6,380	98,588	20,367	20,367
1056+35	106,084	6,380	98,639	20,367	20,367
1056+40	106,087	6,380	98,678	20,367	20,367
1056+45	106,092	6,380	98,707	20,367	20,367
1056+50	106,101	6,380	98,731	20,367	20,367
1056+53.2	106,110	6,386	98,750	20,367	20,367
1056+55	106,117	6,392	98,763	20,367	20,367
1056+60	106,140	6,411	98,801	20,367	20,367
1056+65	106,170	6,431	98,837	20,367	20,367
1056+70	106,208	6,451	98,874	20,367	20,367
1056+75	106,251	6,471	98,910	20,367	20,367
1056+80	106,300	6,491	98,945	20,367	20,367
1056+85	106,353	6,511	98,980	20,367	20,367
1056+90	106,410	6,531	99,015	20,367	20,367
1056+95	106,468	6,552	99,049	20,367	20,367
1057+00	106,528	6,573	99,083	20,367	20,367
1057+05	106,591	6,594	99,116	20,367	20,367
1057+10	106,657	6,615	99,150	20,367	20,367
1057+15	106,726	6,635	99,183	20,367	20,367
1057+20	106,798	6,656	99,216	20,367	20,367
1057+25	106,872	6,677	99,248	20,367	20,367
1057+30	106,949	6,699	99,280	20,367	20,367
1057+35	107,030	6,721	99,312	20,367	20,367
1057+40	107,117	6,742	99,343	20,367	20,367
1057+45	107,213	6,764	99,375	20,367	20,367
1057+50	107,319	6,786	99,406	20,367	20,367
1057+55	107,437	6,808	99,437	20,367	20,367
1057+60	107,570	6,830	99,468	20,367	20,367
1057+65	107,718	6,851	99,500	20,367	20,367
1057+70	107,876	6,872	99,531	20,367	20,367
1057+75	108,036	6,893	99,562	20,367	20,367
1057+80	108,193	6,913	99,592	20,367	20,367

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
1057+85	108,347	6,933	99,620	20,367	20,367
1057+90	108,498	6,953	99,644	20,367	20,367
1057+95	108,645	6,973	99,670	20,367	20,367
1058+00	108,788	6,993	99,698	20,367	20,367
1058+05	108,925	7,013	99,728	20,367	20,367
1058+10	109,057	7,034	99,759	20,367	20,367
1058+15	109,187	7,054	99,789	20,367	20,367
1058+20	109,318	7,075	99,819	20,367	20,367
1058+25	109,448	7,096	99,849	20,367	20,367
1058+30	109,572	7,118	99,878	20,367	20,367
1058+35	109,689	7,139	99,907	20,367	20,367
1058+40	109,800	7,162	99,935	20,367	20,367
1058+45	109,905	7,184	99,963	20,367	20,367
1058+50	110,006	7,207	99,991	20,367	20,367
1058+55	110,101	7,230	100,019	20,367	20,367
1058+60	110,196	7,253	100,046	20,367	20,367
1058+65	110,291	7,277	100,074	20,367	20,367
1058+70	110,385	7,301	100,101	20,367	20,367
1058+71.93	110,421	7,310	100,111	20,367	20,367
1058+75	110,478	7,325	100,127	20,367	20,367
1058+80	110,572	7,346	100,151	20,367	20,367
1058+85	110,671	7,364	100,171	20,367	20,367
1058+90	110,776	7,380	100,189	20,367	20,367
1058+95	110,888	7,393	100,203	20,367	20,367
1059+00	111,008	7,404	100,215	20,367	20,367
1059+05	111,136	7,412	100,225	20,367	20,367
1059+10	111,272	7,418	100,231	20,367	20,367
1059+11.8	111,322	7,419	100,233	20,367	20,367
1059+15	111,411	7,420	100,234	20,367	20,367
1059+20	111,540	7,420	100,235	20,367	20,367
1059+25	111,650	7,420	100,235	20,367	20,367
1059+30	111,736	7,420	100,235	20,367	20,367
1059+35	111,797	7,420	100,235	20,367	20,367
1059+40	111,832	7,420	100,238	20,367	20,367
1059+44.44	111,850	7,420	100,245	20,367	20,367
1059+50	111,863	7,420	100,254	20,367	20,367
1060+00	112,500	7,420	100,307	20,367	20,367
1060+50	113,954	7,420	100,341	20,367	20,367
1061+00	115,827	7,420	100,359	20,367	20,367
1061+50	117,784	7,420	100,359	20,367	20,367
1062+00	120,023	7,420	100,359	20,367	20,367
1062+50	122,704	7,420	100,359	20,367	20,367
1063+00	125,172	7,420	100,359	20,367	20,367
1063+50	127,539	7,420	100,359	20,367	20,367
1064+00	130,498	7,420	100,359	20,367	20,367
1064+50	133,223	7,420	100,359	20,367	20,367
1065+00	135,032	7,420	100,359	20,367	20,367
1065+50	136,831	7,420	100,359	20,367	20,367
1066+00	139,078	7,420	100,359	20,367	20,367

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STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1066+50	141,773	7,420	100,359	20,367	20,367
1067+00	145,537	7,420	100,359	20,367	20,367
1067+50	150,038	7,420	100,359	20,367	20,367
1068+00	154,353	7,420	100,359	20,367	20,367
1068+50	158,522	7,420	100,359	20,367	20,367
1069+00	162,383	7,420	100,359	20,367	20,367
1069+50	165,953	7,420	100,359	20,367	20,367
1070+00	169,727	7,420	100,359	20,367	20,367
1070+50	173,036	7,420	100,359	20,367	20,367
1070+91.2	175,157	7,420	100,360	20,367	20,367
1071+00	175,601	7,420	100,360	20,367	20,367
1071+50	177,875	7,420	100,360	20,367	20,367
1072+00	180,130	7,420	100,360	20,367	20,367
1072+50	182,924	7,420	100,360	20,367	20,367
1073+00	185,909	7,420	100,360	20,367	20,367
1073+50	188,704	7,420	100,360	20,367	20,367
1074+00	191,251	7,420	100,360	20,367	20,367
1074+50	193,279	7,420	100,360	20,367	20,367
1075+00	194,857	7,420	100,360	20,367	20,367
1075+26.6	195,684	7,420	100,360	20,367	20,367
1075+50	196,490	7,420	100,360	20,367	20,367
1076+00	198,384	7,420	100,360	20,367	20,367
1076+39.6	199,993	7,420	100,360	20,367	20,367
1076+50	200,426	7,447	100,387	20,367	20,367
1076+90	201,721	7,652	100,594	20,367	20,367
1077+00	201,914	7,702	100,646	20,367	20,367
1077+50	202,319	7,855	101,007	20,367	20,367
1078+00	202,364	7,909	101,680	20,367	20,367
1078+50	202,404	7,962	102,553	20,367	20,367
1079+00	202,445	8,021	103,209	20,367	20,367
1079+50	203,137	8,168	103,564	20,367	20,367
1079+73.13	203,827	8,278	103,684	20,367	20,367
1080+00	204,700	8,412	103,823	20,367	20,367
1080+50	205,819	8,669	104,083	20,367	20,367
1081+00	206,403	8,928	104,342	20,367	20,367
1081+50	206,972	9,187	104,601	20,367	20,367
1082+00	207,670	9,447	104,860	20,367	20,367
1082+50	208,932	9,705	105,119	20,367	20,367
1083+00	210,824	9,833	105,253	20,367	20,367
1083+50	212,687	9,833	105,269	20,367	20,367
1083+75.61	213,446	9,833	105,282	20,367	20,367
1083+80	213,557	9,833	105,284	20,367	20,367
1083+85	213,679	9,833	105,287	20,367	20,367
1083+90	213,798	9,833	105,290	20,367	20,367
1083+95	213,915	9,833	105,294	20,367	20,367
1084+00	214,030	9,833	105,298	20,367	20,367
1084+05	214,143	9,833	105,302	20,367	20,367
1084+10	214,257	9,833	105,306	20,367	20,367
1084+15	214,370	9,833	105,311	20,367	20,367

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1084+20	214,485	9,833	105,316	20,367	20,367
1084+25	214,602	9,833	105,322	20,367	20,367
1084+30	214,722	9,833	105,328	20,367	20,367
1084+35	214,844	9,833	105,334	20,367	20,367
1084+40	214,968	9,833	105,340	20,367	20,367
1084+45	215,095	9,833	105,347	20,367	20,367
1084+50	215,223	9,833	105,354	20,367	20,367
1084+55	215,352	9,833	105,360	20,367	20,367
1084+60	215,479	9,833	105,365	20,367	20,367
1084+65	215,600	9,833	105,370	20,367	20,367
1084+70	215,710	9,833	105,375	20,367	20,367
1084+75	215,807	9,833	105,380	20,367	20,367
1084+80	215,888	9,833	105,386	20,367	20,367
1084+85	215,954	9,833	105,391	20,367	20,367
1084+90	216,006	9,833	105,395	20,367	20,367
1084+95	216,046	9,833	105,399	20,367	20,367
1085+00	216,076	9,833	105,403	20,367	20,367
1085+05	216,097	9,833	105,406	20,367	20,367
1085+10	216,109	9,833	105,410	20,367	20,367
1085+15	216,114	9,833	105,413	20,367	20,367
1085+20	216,117	9,833	105,417	20,367	20,367
1085+25	216,119	9,833	105,421	20,367	20,367
1085+30	216,121	9,833	105,425	20,367	20,367
1085+35	216,122	9,833	105,430	20,367	20,367
1085+40	216,124	9,833	105,435	20,367	20,367
1085+45	216,126	9,833	105,441	20,367	20,367
1085+50	216,129	9,833	105,448	20,367	20,367
1085+55	216,133	9,833	105,456	20,367	20,367
1085+60	216,142	9,833	105,465	20,367	20,367
1085+65	216,162	9,833	105,474	20,367	20,367
1085+70	216,193	9,833	105,482	20,367	20,367
1085+75	216,233	9,833	105,492	20,367	20,367
1085+80	216,283	9,833	105,505	20,367	20,367
1085+85	216,345	9,833	105,518	20,367	20,367
1085+90	216,421	9,833	105,532	20,367	20,367
1085+95	216,507	9,833	105,547	20,367	20,367
1086+00	216,602	9,833	105,563	20,367	20,367
1086+05	216,702	9,833	105,579	20,367	20,367
1086+10	216,803	9,833	105,597	20,367	20,367
1086+15	216,902	9,833	105,615	20,367	20,367
1086+20	216,999	9,833	105,634	20,367	20,367
1086+25	217,093	9,833	105,655	20,367	20,367
1086+30	217,189	9,833	105,677	20,367	20,367
1086+35	217,288	9,833	105,699	20,367	20,367
1086+40	217,391	9,833	105,723	20,367	20,367
1086+45	217,494	9,833	105,747	20,367	20,367
1086+50	217,598	9,833	105,772	20,367	20,367
1086+55	217,702	9,833	105,797	20,367	20,367
1086+60	217,807	9,833	105,823	20,367	20,367

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1086+65	217,915	9,833	105,850	20,367	20,367
1086+70	218,026	9,833	105,877	20,367	20,367
1086+75	218,142	9,833	105,905	20,367	20,367
1086+80	218,262	9,833	105,933	20,367	20,367
1086+85	218,385	9,833	105,962	20,367	20,367
1086+90	218,512	9,833	105,992	20,367	20,367
1086+95	218,640	9,833	106,022	20,367	20,367
1087+00	218,769	9,833	106,052	20,367	20,367
1087+05	218,901	9,833	106,082	20,367	20,367
1087+10	219,036	9,833	106,113	20,367	20,367
1087+15	219,173	9,833	106,144	20,367	20,367
1087+20	219,313	9,833	106,176	20,367	20,367
1087+25	219,457	9,833	106,208	20,367	20,367
1087+30	219,603	9,833	106,241	20,367	20,367
1087+35	219,753	9,833	106,273	20,367	20,367
1087+40	219,906	9,833	106,305	20,367	20,367
1087+45	220,062	9,833	106,338	20,367	20,367
1087+50	220,220	9,833	106,370	20,367	20,367
1087+55	220,381	9,833	106,403	20,367	20,367
1087+55.63	220,401	9,833	106,407	20,367	20,367
1088+00	221,914	9,833	106,704	20,367	20,367
1088+18.73	222,589	9,833	106,834	20,367	20,367
1088+50	223,673	9,833	107,056	20,367	20,367
1088+78.73	224,553	9,833	107,264	20,367	20,367
1089+00	225,123	9,833	107,415	20,367	20,367
1089+18.73	225,631	9,833	107,546	20,367	20,367
1089+38.73	226,216	9,833	107,681	20,367	20,367
1089+50	226,541	9,833	107,753	20,367	20,367
1090+00	227,499	9,833	108,062	20,367	20,367
1090+50	227,830	9,847	108,370	20,367	20,367
1091+00	227,919	9,919	108,655	20,367	20,367
1091+24.7	227,929	9,962	108,813	20,367	20,367
1091+50	227,938	9,991	109,007	20,367	20,367
1091+74.31	227,946	10,019	109,229	20,367	20,367
1092+00	227,955	10,050	109,570	20,367	20,367
1092+50	227,978	10,110	110,456	20,367	20,367
1093+00	228,003	10,140	111,420	20,367	20,367
1093+50	228,029	10,140	112,346	20,367	20,367
1094+00	228,058	10,140	113,081	20,367	20,367
1094+50	228,101	10,140	113,549	20,367	20,367
1094+51.13	228,102	10,140	113,557	20,367	20,367
1094+71.13	228,167	10,140	113,642	20,367	20,367
1095+00	228,433	10,140	113,662	20,367	20,367
1095+11.13	228,602	10,140	113,662	20,367	20,367
1095+50	229,653	10,140	113,662	20,367	20,367
1095+71.13	230,526	10,140	113,662	20,367	20,367
1095+85.32	231,219	10,140	113,662	20,367	20,367
1096+00	232,017	10,140	113,662	20,367	20,367
1096+45.32	234,949	10,140	113,662	20,367	20,367

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1096+50	235,295	10,140	113,662	20,367	20,367
1097+00	239,418	10,140	113,662	20,367	20,367
1097+05.32	239,898	10,140	113,662	20,367	20,367
1097+13.32	240,623	10,140	113,662	20,367	20,367
1097+47.32	243,751	10,140	113,662	20,367	20,367
1097+50	244,001	10,140	113,662	20,367	20,367
1098+00	248,423	10,140	113,662	20,367	20,367
1098+50	252,132	10,140	113,662	20,367	20,367
1098+96	254,783	10,156	113,678	20,367	20,367
1099+00	254,980	10,159	113,682	20,367	20,367
1099+27.94	255,884	10,232	113,757	20,367	20,367
1099+35.95	255,968	10,268	113,797	20,367	20,367
1099+43.2	255,985	10,286	113,844	20,367	20,367
1099+50	255,986	10,286	113,923	20,367	20,367
1099+61.94	255,986	10,286	114,246	20,367	20,367
1099+65	255,986	10,286	114,370	20,367	20,367
1099+69.94	255,986	10,286	114,597	20,368	20,368
1100+00	255,986	10,286	116,196	20,474	20,474
1100+29.94	255,986	10,286	117,963	20,838	20,838
1100+50	255,986	10,286	119,192	21,255	21,255
1100+89.94	255,986	10,286	121,791	22,596	22,596
1101+00	255,986	10,286	122,480	23,035	23,035
1101+50	255,986	10,286	126,104	25,480	25,480
1102+00	257,731	10,286	128,646	27,989	27,989
1102+50	261,137	10,286	129,303	29,764	29,764
1103+00	262,798	10,286	130,963	30,667	30,667
1103+50	262,805	10,286	134,969	31,613	31,613
1104+00	262,821	10,286	139,757	32,252	32,252
1104+50	262,837	10,286	144,734	32,257	32,257
1105+00	262,854	10,286	149,951	32,340	32,340
1105+05	262,856	10,286	150,479	32,354	32,354
1105+50	262,870	10,286	154,912	32,407	32,407
1106+00	262,883	10,286	159,122	32,407	32,407
1106+50	262,893	10,286	161,845	32,407	32,407
1106+81.8	262,897	10,289	162,505	32,407	32,407
1107+00	262,911	10,331	162,625	32,407	32,407
1107+01.27	262,913	10,337	162,631	32,407	32,407
1107+27.37	263,152	10,423	162,720	32,407	32,407
1107+41.1	263,421	10,441	162,738	32,407	32,407
1107+50	263,634	10,444	162,741	32,407	32,407
1107+70.63	264,183	10,444	162,741	32,407	32,407
1108+00	265,117	10,444	162,741	32,407	32,407
1108+30.63	266,260	10,444	162,741	32,407	32,407
1108+50	267,006	10,444	162,741	32,407	32,407
1108+70.63	267,782	10,444	162,741	32,407	32,407
1108+90.63	268,486	10,444	162,741	32,407	32,407
1109+00	268,781	10,444	162,741	32,407	32,407
1109+50	269,896	10,444	162,741	32,407	32,407
1109+78.88	270,339	10,444	162,741	32,407	32,407

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1110+00	270,786	10,444	162,741	32,407	32,407
1110+50	272,419	10,444	162,741	32,407	32,407
1111+00	274,492	10,444	162,741	32,407	32,407
1111+50	276,652	10,444	162,741	32,407	32,407
1112+00	278,693	10,444	162,741	32,407	32,407
1112+50	280,522	10,444	162,741	32,407	32,407
1113+00	282,017	10,444	162,741	32,407	32,407
1113+40.77	283,015	10,444	162,741	32,407	32,407
1113+50	283,226	10,444	162,741	32,407	32,407
1114+00	284,291	10,444	162,741	32,407	32,407
1114+50	285,034	10,458	162,756	32,407	32,407
1114+89.67	285,288	10,549	162,849	32,407	32,407
1115+00	285,317	10,589	162,892	32,407	32,407
1115+50	285,414	10,750	163,109	32,407	32,407
1116+00	285,470	10,856	163,411	32,407	32,407
1116+18	285,487	10,875	163,583	32,407	32,407
1116+50	285,506	10,887	164,081	32,407	32,407
1116+74.39	285,512	10,887	164,550	32,407	32,407
1117+00	285,516	10,887	164,950	32,407	32,407
1117+50	285,561	10,887	165,319	32,407	32,407
1117+57.6	285,577	10,898	165,344	32,407	32,407
1118+00	285,691	11,022	165,527	32,407	32,407
1118+50	285,879	11,167	165,751	32,407	32,407
1119+00	286,131	11,301	165,983	32,407	32,407
1119+50	286,381	11,427	166,218	32,407	32,407
1120+00	286,579	11,544	166,462	32,407	32,407
1120+50	286,704	11,633	166,724	32,407	32,407
1121+00	286,742	11,669	167,016	32,407	32,407
1121+50	286,742	11,675	167,310	32,407	32,407
1122+00	286,742	11,676	167,582	32,407	32,407
1122+50	286,742	11,676	167,831	32,407	32,407
1122+89.9	286,743	11,676	168,009	32,407	32,407
1123+00	286,743	11,676	168,052	32,407	32,407
1123+50	286,743	11,680	168,276	32,407	32,407
1123+95.75	286,743	11,697	168,465	32,407	32,407
1124+00	286,743	11,700	168,480	32,407	32,407
1124+15.75	286,743	11,716	168,534	32,407	32,407
1124+50	286,759	11,778	168,644	32,407	32,407
1124+55.75	286,764	11,792	168,662	32,407	32,407
1125+00	286,875	11,912	168,800	32,407	32,407
1125+15.75	286,942	11,959	168,848	32,407	32,407
1125+18.23	286,953	11,967	168,856	32,407	32,407
1125+50	287,104	12,064	168,954	32,407	32,407
1125+78.23	287,244	12,151	169,041	32,407	32,407
1126+00	287,345	12,218	169,108	32,407	32,407
1126+38.23	287,481	12,335	169,226	32,407	32,407
1126+50	287,515	12,371	169,262	32,407	32,407
1126+60.27	287,544	12,403	169,295	32,407	32,407
1126+65	287,558	12,419	169,310	32,407	32,407

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1126+70	287,571	12,435	169,326	32,407	32,407
1126+75	287,585	12,451	169,342	32,407	32,407
1126+80	287,600	12,466	169,357	32,407	32,407
1126+85	287,614	12,481	169,372	32,407	32,407
1126+86.23	287,618	12,485	169,376	32,407	32,407
1126+90	287,629	12,497	169,388	32,407	32,407
1126+95	287,644	12,513	169,404	32,407	32,407
1126+98.23	287,654	12,523	169,414	32,407	32,407
1127+00	287,659	12,528	169,420	32,407	32,407
1127+05	287,674	12,543	169,434	32,407	32,407
1127+10	287,689	12,556	169,447	32,407	32,407
1127+15	287,703	12,567	169,459	32,407	32,407
1127+20	287,718	12,577	169,468	32,407	32,407
1127+25	287,732	12,585	169,476	32,407	32,407
1127+30	287,747	12,591	169,482	32,407	32,407
1127+35	287,761	12,595	169,486	32,407	32,407
1127+40	287,774	12,597	169,488	32,407	32,407
1127+40.23	287,775	12,597	169,488	32,407	32,407
1127+45	287,787	12,597	169,488	32,407	32,407
1127+50	287,800	12,597	169,488	32,407	32,407
1127+55	287,812	12,597	169,488	32,407	32,407
1127+60	287,824	12,597	169,488	32,407	32,407
1127+65	287,834	12,597	169,488	32,407	32,407
1127+70	287,843	12,597	169,489	32,407	32,407
1127+75	287,851	12,597	169,489	32,407	32,407
1127+80	287,859	12,597	169,490	32,407	32,407
1127+85	287,867	12,597	169,491	32,407	32,407
1127+90	287,875	12,597	169,492	32,407	32,407
1127+95	287,883	12,597	169,494	32,407	32,407
1128+00	287,891	12,597	169,496	32,407	32,407
1128+05	287,899	12,597	169,498	32,407	32,407
1128+10	287,907	12,597	169,500	32,407	32,407
1128+15	287,915	12,597	169,502	32,407	32,407
1128+20	287,923	12,597	169,503	32,407	32,407
1128+25	287,931	12,597	169,504	32,407	32,407
1128+30	287,940	12,597	169,505	32,407	32,407
1128+35	287,949	12,597	169,506	32,407	32,407
1128+40	287,958	12,597	169,507	32,407	32,407
1128+45	287,967	12,597	169,508	32,407	32,407
1128+49.13	287,975	12,597	169,508	32,407	32,407
1128+50	287,977	12,597	169,508	32,407	32,407
1128+55	287,988	12,597	169,508	32,407	32,407
1128+60	288,000	12,597	169,508	32,407	32,407
1128+65	288,014	12,597	169,508	32,407	32,407
1128+70	288,030	12,597	169,508	32,407	32,407
1128+75	288,050	12,597	169,508	32,407	32,407
1128+80	288,073	12,597	169,508	32,407	32,407
1128+85	288,101	12,597	169,508	32,407	32,407
1128+90	288,133	12,597	169,508	32,407	32,407

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1128+91.13	288,141	12,597	169,508	32,407	32,407
1128+95	288,167	12,597	169,508	32,407	32,407
1129+00	288,194	12,597	169,508	32,407	32,407
1129+03.13	288,209	12,597	169,509	32,407	32,407
1129+05	288,219	12,597	169,509	32,407	32,407
1129+10	288,248	12,597	169,511	32,407	32,407
1129+15	288,280	12,597	169,512	32,407	32,407
1129+20	288,313	12,597	169,513	32,407	32,407
1129+25	288,350	12,597	169,514	32,407	32,407
1129+30	288,393	12,597	169,515	32,407	32,407
1129+35	288,442	12,597	169,515	32,407	32,407
1129+40	288,494	12,597	169,516	32,407	32,407
1129+45	288,550	12,597	169,518	32,407	32,407
1129+50	288,607	12,597	169,521	32,407	32,407
1129+51.13	288,620	12,597	169,521	32,407	32,407
1129+55	288,665	12,597	169,523	32,407	32,407
1129+60	288,725	12,597	169,525	32,407	32,407
1129+65	288,787	12,597	169,527	32,407	32,407
1129+70	288,851	12,597	169,528	32,407	32,407
1129+75	288,917	12,597	169,531	32,407	32,407
1129+80	288,984	12,597	169,533	32,407	32,407
1129+85	289,052	12,597	169,536	32,407	32,407
1129+90	289,120	12,597	169,539	32,407	32,407
1129+95	289,186	12,597	169,544	32,407	32,407
1130+00	289,251	12,597	169,554	32,407	32,407
1130+05	289,315	12,597	169,568	32,407	32,407
1130+10	289,358	12,597	169,583	32,407	32,407
1130+11.13	289,363	12,597	169,586	32,407	32,407
1130+15	289,379	12,597	169,594	32,407	32,407
1130+20	289,399	12,597	169,604	32,407	32,407
1130+25	289,419	12,597	169,615	32,407	32,407
1130+30	289,438	12,597	169,627	32,407	32,407
1130+35	289,457	12,597	169,638	32,407	32,407
1130+40	289,475	12,597	169,651	32,407	32,407
1130+45	289,493	12,597	169,664	32,407	32,407
1130+50	289,510	12,597	169,677	32,407	32,407
1130+55	289,527	12,597	169,691	32,407	32,407
1130+60	289,543	12,597	169,705	32,407	32,407
1130+65	289,559	12,597	169,720	32,407	32,407
1130+70	289,574	12,597	169,734	32,407	32,407
1130+71.13	289,577	12,597	169,738	32,407	32,407
1130+75	289,589	12,597	169,749	32,407	32,407
1130+80	289,604	12,597	169,763	32,407	32,407
1130+85	289,617	12,597	169,777	32,407	32,407
1130+90	289,629	12,597	169,790	32,407	32,407
1130+95	289,642	12,597	169,802	32,407	32,407
1131+00	289,656	12,597	169,813	32,407	32,407
1131+05	289,670	12,597	169,819	32,407	32,407
1131+10	289,686	12,597	169,821	32,407	32,407
1131+15	289,706	12,597	169,821	32,407	32,407
1131+20	289,738	12,597	169,821	32,407	32,407
1131+25	289,786	12,597	169,821	32,407	32,407
1131+30	289,844	12,597	169,821	32,407	32,407
1131+35	289,904	12,597	169,821	32,407	32,407
1131+40	289,963	12,597	169,821	32,407	32,407
1131+45	290,044	12,597	169,821	32,407	32,407
1131+50	290,147	12,597	169,821	32,407	32,407
1131+55	290,248	12,597	169,821	32,407	32,407
1131+60	290,342	12,597	169,821	32,407	32,407
1131+65	290,429	12,597	169,821	32,407	32,407
1131+70	290,509	12,597	169,821	32,407	32,407
1131+75	290,585	12,597	169,821	32,407	32,407
1131+80	290,655	12,597	169,822	32,407	32,407
1131+85	290,718	12,597	169,823	32,407	32,407
1131+90	290,769	12,597	169,825	32,407	32,407
1131+95	290,812	12,597	169,829	32,407	32,407
1132+00	290,848	12,597	169,835	32,407	32,407
1132+05	290,881	12,597	169,842	32,407	32,407
1132+10	290,916	12,597	169,850	32,407	32,407
1132+15	290,950	12,597	169,860	32,407	32,407
1132+20	290,985	12,597	169,870	32,407	32,407
1132+25	291,017	12,597	169,881	32,407	32,407
1132+30	291,046	12,597	169,894	32,407	32,407
1132+35	291,071	12,597	169,908	32,407	32,407
1132+40	291,093	12,597	169,922	32,407	32,407
1132+40.28	291,094	12,597	169,923	32,407	32,407
1132+50	291,126	12,597	169,944	32,407	32,407
1132+71.49	291,178	12,597	169,992	32,407	32,407
1133+00	291,210	12,597	170,032	32,407	32,407

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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 - STAGES 2-3	SHEET 404	E

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
983+00	0	0	0	0	0
983+50	92	0	1	0	0
984+00	180	0	1	0	0
984+50	267	0	1	0	0
985+00	356	0	1	0	0
985+50	451	0	1	0	0
986+00	546	0	1	0	0
986+50	643	0	1	0	0
987+00	745	0	1	0	0
987+50	853	0	1	0	0
988+00	957	0	1	0	0
988+50	1,048	0	1	1	1
989+00	1,139	0	1	3	3
989+50	1,218	0	1	6	6
990+00	1,274	0	6	6	6
990+26.37	1,300	0	13	6	6
990+50	1,322	0	23	6	6
990+75	1,345	0	39	6	6
990+79.5	1,349	3	45	6	6
991+00	1,368	25	86	6	6
991+50	1,420	82	185	6	6
992+00	1,494	156	283	6	6
992+32.82	1,566	214	348	6	6
992+50	1,613	246	382	6	6
992+60.38	1,645	265	402	6	6
993+00	1,784	306	447	6	6
993+50	2,011	311	457	6	6
994+00	2,315	311	462	6	6
994+21.6	2,475	313	466	6	6
994+50	2,708	335	491	6	6
994+61.48	2,809	354	511	6	6
994+82.5	3,001	393	552	6	6
995+00	3,173	409	570	6	6
995+50	3,730	409	575	6	6
995+50.2	3,732	410	575	6	6
996+00	4,389	503	674	6	6
996+16.97	4,637	535	707	6	6
996+50	5,250	573	748	6	6
996+56.8	5,401	575	751	6	6
997+00	6,334	580	760	6	6
997+50	7,351	580	765	6	6
998+00	8,342	580	770	6	6
998+50	9,527	580	775	6	6
999+00	10,718	580	780	6	6
999+50	11,717	580	785	6	6
1000+00	12,687	580	789	6	6
1000+50	13,614	580	794	6	6
1001+00	14,482	580	799	6	6
1001+50	15,282	580	804	6	6

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
1001+63.12	15,480	580	806	6	6
1002+00	16,005	580	809	6	6
1002+42.4	16,541	584	818	6	6
1002+50	16,627	586	821	6	6
1002+82.23	16,963	624	862	6	6
1003+00	17,126	657	897	6	6
1003+50	17,494	752	996	6	6
1003+81.4	17,660	808	1,058	6	6
1004+00	17,742	824	1,079	6	6
1004+50	17,923	824	1,104	6	6
1005+00	18,058	824	1,137	6	6
1005+50	18,169	824	1,171	6	6
1005+88.9	18,271	859	1,224	6	6
1006+00	18,313	879	1,246	6	6
1006+50	18,525	973	1,344	6	6
1006+87.21	18,644	1,042	1,418	6	6
1007+00	18,669	1,066	1,443	6	6
1007+50	18,779	1,159	1,541	6	6
1008+00	18,920	1,253	1,640	6	6
1008+46.59	19,020	1,328	1,732	6	6
1008+50	19,025	1,333	1,738	6	6
1009+00	19,135	1,418	1,837	6	6
1009+06.59	19,153	1,430	1,850	6	6
1009+10	19,162	1,436	1,857	6	6
1009+50	19,224	1,471	1,946	6	6
1009+66.59	19,233	1,471	1,998	6	6
1010+00	19,252	1,471	2,112	6	6
1010+20.59	19,267	1,471	2,174	6	6
1010+26.59	19,272	1,471	2,192	6	6
1010+50	19,295	1,471	2,261	6	6
1010+77.59	19,327	1,471	2,339	6	6
1011+00	19,356	1,471	2,402	6	6
1011+50	19,429	1,471	2,534	6	6
1012+00	19,518	1,471	2,648	6	6
1012+50	19,624	1,471	2,735	6	6
1013+00	19,741	1,471	2,796	6	6
1013+50	19,857	1,471	2,841	6	6
1014+00	19,959	1,510	2,909	6	6
1014+50	20,040	1,592	3,008	6	6
1015+00	20,100	1,679	3,107	6	6
1015+50	20,142	1,771	3,206	6	6
1016+00	20,169	1,863	3,305	6	6
1016+50	20,189	1,949	3,404	6	6
1017+00	20,202	2,029	3,503	6	6
1017+50	20,214	2,098	3,602	6	6
1018+00	20,226	2,159	3,702	6	6
1018+50	20,232	2,210	3,806	6	6
1018+59.78	20,232	2,215	3,823	6	6
1019+00	20,232	2,215	3,893	6	6

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1019+25	20,232	2,215	3,947	6	6
1019+50	20,232	2,215	4,006	6	6
1020+00	20,232	2,215	4,142	6	6
1020+50	20,232	2,215	4,307	6	6
1021+00	20,232	2,215	4,504	6	6
1021+50	20,240	2,215	4,740	6	6
1021+63.19	20,243	2,215	4,858	6	6
1022+00	20,243	2,220	5,221	6	6
1022+18.45	20,243	2,226	5,349	6	6
1022+50	20,243	2,240	5,584	6	6
1022+69.45	20,243	2,253	5,753	6	6
1022+75.45	20,243	2,257	5,810	6	6
1023+00	20,243	2,276	6,063	6	6
1023+29.45	20,243	2,287	6,392	6	6
1023+50	20,243	2,287	6,627	6	6
1023+89.45	20,243	2,287	7,098	6	6
1024+00	20,243	2,287	7,228	6	6
1024+49.45	20,243	2,287	7,870	6	6
1024+50	20,243	2,287	7,877	6	6
1025+00	20,243	2,287	8,548	6	6
1025+50	20,243	2,287	9,206	6	6
1026+00	20,243	2,287	9,850	6	6
1026+50	20,243	2,287	10,591	6	6
1027+00	20,243	2,287	11,223	6	6
1027+25	20,243	2,287	11,421	6	6
1027+50	20,243	2,287	11,592	6	6
1028+00	20,243	2,287	11,865	6	6
1028+50	20,243	2,287	12,064	6	6
1029+00	20,243	2,287	12,203	6	6
1029+50	20,254	2,287	12,282	6	6
1029+94.9	20,290	2,322	12,346	6	6
1030+00	20,297	2,331	12,356	6	6
1030+50	20,400	2,416	12,455	6	6
1030+92.98	20,559	2,495	12,540	6	6
1031+00	20,592	2,507	12,552	6	6
1031+32.8	20,775	2,535	12,584	6	6
1031+50	20,890	2,537	12,588	6	6
1032+00	21,300	2,537	12,593	6	6
1032+50	21,827	2,537	12,597	6	6
1033+00	22,476	2,537	12,602	6	6
1033+50	23,157	2,537	12,607	6	6
1034+00	23,852	2,537	12,612	6	6
1034+50	24,626	2,537	12,617	6	6
1035+00	25,466	2,537	12,622	6	6
1035+50	26,361	2,537	12,627	6	6
1036+00	27,302	2,537	12,632	6	6
1036+50	28,273	2,537	12,637	6	6
1037+00	29,280	2,537	12,642	6	6
1037+39.18	30,594	2,537	12,646	6	6

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1037+50	31,112	2,537	12,647	6	6
1038+00	32,860	2,537	12,651	6	6
1038+50	33,903	2,537	12,656	6	6
1039+00	34,952	2,537	12,661	6	6
1039+50	36,001	2,537	12,666	6	6
1040+00	37,259	2,537	12,671	6	6
1040+50	38,512	2,537	12,676	6	6
1041+00	39,539	2,537	12,681	6	6
1041+50	40,549	2,537	12,686	6	6
1042+00	41,536	2,537	12,691	6	6
1042+50	42,492	2,537	12,696	6	6
1042+86.58	43,472	2,537	12,699	6	6
1043+00	43,953	2,537	12,701	6	6
1043+47.2	45,211	2,537	12,705	6	6
1043+50	45,257	2,537	12,706	6	6
1044+00	46,106	2,537	12,711	6	6
1044+07.2	46,231	2,537	12,712	6	6
1044+50	46,897	2,537	12,716	6	6
1044+67.2	47,126	2,537	12,719	6	6
1044+87.2	47,367	2,537	12,721	6	6
1045+00	47,505	2,537	12,723	6	6
1045+27.2	47,754	2,537	12,727	6	6
1045+50	47,920	2,537	12,730	6	6
1045+57	47,965	2,538	12,731	6	6
1045+96.91	48,158	2,577	12,777	6	6
1046+00	48,169	2,583	12,783	6	6
1046+50	48,272	2,655	12,880	6	6
1047+00	48,294	2,688	12,988	6	6
1047+50	48,295	2,701	13,148	6	6
1048+00	48,295	2,716	13,380	6	6
1048+50	48,295	2,730	13,710	6	6
1048+78.1	48,295	2,738	13,953	6	6
1049+00	48,295	2,741	14,162	6	6
1049+50	48,295	2,741	14,714	6	6
1050+00	48,295	2,741	15,373	6	6
1050+50	48,295	2,741	16,126	6	6
1051+00	48,295	2,741	16,949	6	6
1051+50	48,295	2,741	17,803	6	6
1051+91.77	48,295	2,741	18,518	6	6
1052+00	48,295	2,741	18,658	6	6
1052+31.76	48,295	2,741	19,176	6	6
1052+50	48,295	2,741	19,458	6	6
1052+51.77	48,295	2,741	19,485	6	6
1053+00	48,295	2,741	20,259	6	6
1053+11.77	48,295	2,741	20,520	6	6
1053+30.93	48,297	2,741	21,062	6	6
1053+50	48,299	2,741	21,510	6	6
1053+71.77	48,300	2,741	21,821	6	6
1054+00	48,300	2,741	22,112	6	6

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
1054+50	48,300	2,741	22,587	6	6
1055+00	48,300	2,741	23,001	6	6
1055+50	48,300	2,741	23,363	6	6
1055+64.5	48,300	2,741	23,459	6	6
1055+65	48,300	2,741	23,463	6	6
1055+70	48,300	2,741	23,495	6	6
1055+75	48,300	2,741	23,527	6	6
1055+80	48,300	2,741	23,558	6	6
1055+85	48,300	2,741	23,589	6	6
1055+90	48,300	2,741	23,620	6	6
1055+95	48,300	2,741	23,650	6	6
1056+00	48,300	2,741	23,680	6	6
1056+05	48,300	2,741	23,710	6	6
1056+10	48,300	2,741	23,740	6	6
1056+15	48,300	2,741	23,769	6	6
1056+20	48,300	2,741	23,797	6	6
1056+25	48,300	2,741	23,825	6	6
1056+30	48,300	2,741	23,853	6	6
1056+35	48,300	2,741	23,880	6	6
1056+40	48,300	2,741	23,906	6	6
1056+45	48,300	2,741	23,932	6	6
1056+50	48,300	2,741	23,958	6	6
1056+53.2	48,300	2,741	23,974	6	6
1056+55	48,300	2,742	23,984	6	6
1056+60	48,300	2,743	24,010	6	6
1056+65	48,300	2,745	24,036	6	6
1056+70	48,300	2,747	24,060	6	6
1056+75	48,300	2,748	24,085	6	6
1056+80	48,300	2,750	24,109	6	6
1056+85	48,300	2,751	24,133	6	6
1056+90	48,300	2,753	24,156	6	6
1056+95	48,300	2,754	24,179	6	6
1057+00	48,300	2,756	24,201	6	6
1057+05	48,300	2,758	24,223	6	6
1057+10	48,300	2,759	24,245	6	6
1057+15	48,300	2,761	24,266	6	6
1057+20	48,301	2,762	24,288	6	6
1057+25	48,302	2,764	24,310	6	6
1057+30	48,302	2,765	24,332	6	6
1057+35	48,303	2,767	24,354	6	6
1057+40	48,304	2,768	24,376	6	6
1057+45	48,305	2,770	24,398	6	6
1057+50	48,305	2,771	24,418	6	6
1057+55	48,306	2,773	24,434	6	6
1057+60	48,307	2,774	24,448	6	6
1057+65	48,308	2,776	24,459	6	6
1057+70	48,308	2,777	24,469	6	6
1057+75	48,309	2,779	24,474	6	6
1057+80	48,310	2,780	24,477	6	6

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
1057+85	48,311	2,781	24,478	6	6
1057+90	48,311	2,781	24,478	6	6
1057+95	48,312	2,781	24,478	6	6
1058+00	48,313	2,782	24,479	6	6
1058+05	48,313	2,783	24,483	6	6
1058+10	48,314	2,785	24,489	6	6
1058+15	48,315	2,786	24,498	6	6
1058+20	48,316	2,788	24,508	6	6
1058+25	48,316	2,791	24,521	6	6
1058+30	48,317	2,794	24,535	6	6
1058+35	48,318	2,797	24,550	6	6
1058+40	48,320	2,801	24,564	6	6
1058+45	48,322	2,805	24,578	6	6
1058+50	48,323	2,809	24,592	6	6
1058+55	48,325	2,814	24,604	6	6
1058+60	48,327	2,818	24,616	6	6
1058+65	48,329	2,823	24,628	6	6
1058+70	48,332	2,828	24,640	6	6
1058+71.93	48,333	2,830	24,645	6	6
1058+75	48,335	2,832	24,651	6	6
1058+80	48,338	2,836	24,661	6	6
1058+85	48,342	2,839	24,670	6	6
1058+90	48,346	2,842	24,677	6	6
1058+95	48,350	2,843	24,683	6	6
1059+00	48,355	2,845	24,689	6	6
1059+05	48,360	2,846	24,693	6	6
1059+10	48,367	2,846	24,698	6	6
1059+11.8	48,369	2,846	24,699	6	6
1059+15	48,373	2,846	24,701	6	6
1059+20	48,381	2,846	24,704	6	6
1059+25	48,389	2,846	24,707	6	6
1059+30	48,398	2,846	24,710	6	6
1059+35	48,408	2,846	24,712	6	6
1059+40	48,418	2,846	24,714	6	6
1059+44.44	48,429	2,846	24,715	6	6
1059+50	48,444	2,846	24,716	6	6
1060+00	48,669	2,846	24,722	6	6
1060+50	49,049	2,846	24,727	6	6
1061+00	49,576	2,846	24,732	6	6
1061+50	50,250	2,846	24,737	6	6
1062+00	51,060	2,846	24,742	6	6
1062+50	51,898	2,846	24,747	6	6
1063+00	52,736	2,846	24,752	6	6
1063+50	53,641	2,846	24,756	6	6
1064+00	54,605	2,846	24,761	6	6
1064+50	55,764	2,846	24,766	6	6
1065+00	56,968	2,846	24,771	6	6
1065+50	58,098	2,846	24,776	6	6
1066+00	59,317	2,846	24,781	6	6

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PROJECT NO: 1177-11-70 | HWY: USH 51 | COUNTY: ONEIDA | CROSS SECTIONS: USH 51 PHASE 2 - STAGES 4-5 | SHEET 407 | E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100 (70)\EARTHWORK QUANITITIES\PHASE_2_STAGES_4-5.DWG
LAYOUT NAME - 090123-EW

PLOT DATE : 10/1/2015 2:12 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
1066+50	60,738	2,846	24,786	6	6
1067+00	62,763	2,846	24,791	6	6
1067+50	64,822	2,846	24,796	6	6
1068+00	66,443	2,846	24,801	6	6
1068+50	68,159	2,846	24,806	6	6
1069+00	70,330	2,846	24,811	6	6
1069+50	72,412	2,846	24,815	6	6
1070+00	73,871	2,846	24,820	6	6
1070+50	75,185	2,846	24,825	6	6
1070+91.2	76,222	2,846	24,829	6	6
1071+00	76,412	2,846	24,830	6	6
1071+50	77,353	2,846	24,835	6	6
1072+00	78,175	2,846	24,840	6	6
1072+50	78,909	2,846	24,845	6	6
1073+00	79,574	2,846	24,850	6	6
1073+50	80,163	2,846	24,855	6	6
1074+00	80,686	2,846	24,860	6	6
1074+50	81,141	2,846	24,865	6	6
1075+00	81,673	2,846	24,869	6	6
1075+26.6	81,988	2,846	24,872	6	6
1075+50	82,195	2,846	24,874	6	6
1076+00	82,526	2,846	24,879	6	6
1076+39.6	82,811	2,846	24,883	6	6
1076+50	82,893	2,857	24,895	6	6
1076+90	83,147	2,934	24,976	6	6
1077+00	83,197	2,953	24,996	6	6
1077+50	83,433	3,046	25,094	6	6
1078+00	83,655	3,140	25,193	6	6
1078+50	83,885	3,234	25,291	6	6
1079+00	84,270	3,327	25,390	6	6
1079+50	84,691	3,421	25,488	6	6
1079+73.13	84,849	3,465	25,535	6	6
1080+00	85,016	3,517	25,590	6	6
1080+50	85,276	3,611	25,688	6	6
1081+00	85,550	3,704	25,787	6	6
1081+50	85,824	3,798	25,885	6	6
1082+00	86,085	3,891	25,983	6	6
1082+50	86,325	3,985	26,082	6	6
1083+00	86,537	4,032	26,133	6	6
1083+50	86,709	4,032	26,138	6	6
1083+75.61	86,781	4,032	26,141	6	6
1083+80	86,792	4,032	26,141	6	6
1083+85	86,804	4,032	26,142	6	6
1083+90	86,815	4,032	26,142	6	6
1083+95	86,827	4,032	26,143	6	6
1084+00	86,837	4,032	26,143	6	6
1084+05	86,848	4,032	26,144	6	6
1084+10	86,857	4,032	26,144	6	6
1084+15	86,867	4,032	26,145	6	6

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
1084+20	86,876	4,032	26,145	6	6
1084+25	86,884	4,032	26,146	6	6
1084+30	86,892	4,032	26,146	6	6
1084+35	86,900	4,032	26,147	6	6
1084+40	86,908	4,032	26,147	6	6
1084+45	86,915	4,032	26,148	6	6
1084+50	86,923	4,032	26,148	6	6
1084+55	86,930	4,032	26,149	6	6
1084+60	86,938	4,032	26,149	6	6
1084+65	86,945	4,032	26,150	6	6
1084+70	86,953	4,032	26,150	6	6
1084+75	86,961	4,032	26,151	6	6
1084+80	86,968	4,032	26,151	6	6
1084+85	86,975	4,032	26,152	6	6
1084+90	86,981	4,032	26,152	6	6
1084+95	86,987	4,032	26,153	6	6
1085+00	86,992	4,032	26,153	6	6
1085+05	86,997	4,032	26,154	6	6
1085+10	87,001	4,032	26,154	6	6
1085+15	87,004	4,032	26,155	6	6
1085+20	87,008	4,032	26,156	6	6
1085+25	87,011	4,032	26,157	6	6
1085+30	87,013	4,032	26,159	6	6
1085+35	87,016	4,032	26,161	6	6
1085+40	87,018	4,032	26,162	6	6
1085+45	87,020	4,032	26,165	6	6
1085+50	87,022	4,032	26,167	6	6
1085+55	87,024	4,032	26,170	6	6
1085+60	87,025	4,032	26,173	6	6
1085+65	87,026	4,032	26,176	6	6
1085+70	87,028	4,032	26,179	6	6
1085+75	87,029	4,032	26,182	6	6
1085+80	87,029	4,032	26,186	6	6
1085+85	87,030	4,032	26,190	6	6
1085+90	87,031	4,032	26,194	6	6
1085+95	87,031	4,032	26,199	6	6
1086+00	87,031	4,032	26,204	6	6
1086+05	87,031	4,032	26,209	6	6
1086+10	87,032	4,032	26,215	6	6
1086+15	87,032	4,032	26,221	6	6
1086+20	87,032	4,032	26,227	6	6
1086+25	87,032	4,032	26,234	6	6
1086+30	87,032	4,032	26,241	6	6
1086+35	87,032	4,032	26,248	6	6
1086+40	87,032	4,032	26,256	6	6
1086+45	87,032	4,032	26,264	6	6
1086+50	87,032	4,032	26,273	6	6
1086+55	87,032	4,032	26,281	6	6
1086+60	87,032	4,032	26,290	6	6

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
1086+65	87,032	4,032	26,300	6	6
1086+70	87,032	4,032	26,310	6	6
1086+75	87,032	4,032	26,320	6	6
1086+80	87,032	4,032	26,330	6	6
1086+85	87,032	4,032	26,341	6	6
1086+90	87,032	4,032	26,352	6	6
1086+95	87,032	4,032	26,363	6	6
1087+00	87,032	4,032	26,374	6	6
1087+05	87,032	4,032	26,386	6	6
1087+10	87,032	4,032	26,397	6	6
1087+15	87,032	4,032	26,409	6	6
1087+20	87,032	4,032	26,421	6	6
1087+25	87,032	4,032	26,434	6	6
1087+30	87,032	4,032	26,447	6	6
1087+35	87,032	4,032	26,460	6	6
1087+40	87,032	4,032	26,473	6	6
1087+45	87,032	4,032	26,487	6	6
1087+50	87,032	4,032	26,501	6	6
1087+55	87,032	4,032	26,515	6	6
1087+55.63	87,032	4,032	26,517	6	6
1088+00	87,032	4,032	26,652	6	6
1088+18.73	87,032	4,032	26,712	6	6
1088+50	87,032	4,032	26,818	6	6
1088+78.73	87,032	4,032	26,923	6	6
1089+00	87,032	4,032	27,004	6	6
1089+18.73	87,032	4,032	27,076	6	6
1089+38.73	87,032	4,032	27,153	6	6
1089+50	87,032	4,032	27,194	6	6
1090+00	87,032	4,032	27,350	6	6
1090+50	87,032	4,042	27,471	6	6
1091+00	87,032	4,075	27,578	6	6
1091+24.7	87,036	4,100	27,629	6	6
1091+50	87,044	4,130	27,763	6	6
1091+74.31	87,047	4,164	27,890	6	6
1092+00	87,057	4,206	27,941	6	6
1092+50	87,117	4,293	28,040	6	6
1093+00	87,172	4,337	28,115	6	6
1093+50	87,266	4,337	28,143	6	6
1094+00	87,482	4,337	28,151	6	6
1094+50	87,733	4,337	28,163	6	6
1094+51.13	87,738	4,337	28,164	6	6
1094+71.13	87,830	4,337	28,169	6	6
1095+00	87,961	4,337	28,176	6	6
1095+11.13	88,010	4,337	28,178	6	6
1095+50	88,170	4,337	28,187	6	6
1095+71.13	88,250	4,337	28,192	6	6
1095+85.32	88,301	4,337	28,196	6	6
1096+00	88,349	4,337	28,200	6	6
1096+45.32	88,481	4,337	28,218	6	6

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
1096+50	88,493	4,337	28,221	6	6
1097+00	88,620	4,337	28,254	6	6
1097+05.32	88,634	4,337	28,259	6	6
1097+13.32	88,655	4,337	28,266	6	6
1097+47.32	88,747	4,337	28,296	6	6
1097+50	88,754	4,337	28,299	6	6
1098+00	88,902	4,337	28,354	6	6
1098+50	89,077	4,337	28,432	6	6
1098+96	89,264	4,337	28,538	6	6
1099+00	89,280	4,337	28,549	6	6
1099+27.94	89,425	4,341	28,626	6	6
1099+35.95	89,470	4,344	28,646	6	6
1099+43.2	89,490	4,347	28,662	6	6
1099+50	89,493	4,349	28,674	6	6
1099+61.94	89,493	4,349	28,693	6	6
1099+65	89,493	4,349	28,699	6	6
1099+69.94	89,493	4,349	28,708	6	6
1100+00	89,493	4,349	28,769	6	6
1100+29.94	89,493	4,349	28,839	6	6
1100+50	89,493	4,349	28,892	6	6
1100+89.94	89,493	4,349	29,011	6	6
1101+00	89,493	4,349	29,045	6	6
1101+50	89,493	4,349	29,176	6	6
1102+00	89,494	4,349	29,223	6	6
1102+50	89,494	4,349	29,223	6	6
1103+00	89,539	4,349	29,260	6	6
1103+50	89,584	4,349	29,428	7	7
1104+00	89,584	4,349	29,693	7	7
1104+50	89,584	4,349	29,946	7	7
1105+00	89,584	4,349	30,161	7	7
1105+05	89,584	4,349	30,180	7	7
1105+50	89,584	4,349	30,327	7	7
1106+00	89,584	4,349	30,450	7	7
1106+50	89,584	4,349	30,535	7	7
1106+81.8	89,584	4,356	30,577	7	7
1107+00	89,589	4,367	30,600	7	7
1107+01.27	89,590	4,368	30,602	7	7
1107+27.37	89,607	4,380	30,633	7	7
1107+41.1	89,617	4,381	30,644	7	7
1107+50	89,631	4,382	30,647	7	7
1107+70.63	89,671	4,382	30,650	7	7
1108+00	89,731	4,382	30,653	7	7
1108+30.63	89,817	4,382	30,656	7	7
1108+50	89,885	4,382	30,658	7	7
1108+70.63	89,969	4,382	30,660	7	7
1108+90.63	90,060	4,382	30,661	7	7
1109+00	90,106	4,382	30,662	7	7
1109+50	90,390	4,382	30,667	7	7
1109+78.88	90,575	4,382	30,670	7	7

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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 - STAGES 4-5	SHEET 409	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\EARTHWORK QUANITITIES\PHASE_2_STAGES_4-5.DWG
LAYOUT NAME - 090125-EW

PLOT DATE : 10/1/2015 2:12 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1110+00	90,717	4,382	30,672	7	7
1110+50	91,087	4,382	30,677	7	7
1111+00	91,492	4,382	30,682	7	7
1111+50	91,929	4,382	30,687	7	7
1112+00	92,393	4,382	30,692	7	7
1112+50	92,870	4,382	30,697	7	7
1113+00	93,350	4,382	30,702	7	7
1113+40.77	93,806	4,382	30,706	7	7
1113+50	93,921	4,382	30,707	7	7
1114+00	94,449	4,382	30,712	7	7
1114+50	94,876	4,387	30,722	7	7
1114+89.67	95,195	4,428	30,767	7	7
1115+00	95,276	4,447	30,787	7	7
1115+50	95,660	4,541	30,885	7	7
1116+00	96,014	4,634	30,984	7	7
1116+18	96,133	4,668	31,019	7	7
1116+50	96,327	4,698	31,052	7	7
1116+74.39	96,492	4,698	31,055	7	7
1117+00	96,666	4,698	31,062	7	7
1117+50	96,905	4,698	31,077	7	7
1117+57.6	96,936	4,705	31,084	7	7
1118+00	97,226	4,785	31,168	7	7
1118+50	97,537	4,871	31,266	7	7
1119+00	97,655	4,952	31,365	7	7
1119+50	97,739	5,034	31,463	7	7
1120+00	97,822	5,116	31,562	7	7
1120+50	97,924	5,199	31,660	7	7
1121+00	98,122	5,284	31,759	7	7
1121+50	98,315	5,373	31,857	7	7
1122+00	98,414	5,419	31,909	7	7
1122+50	98,499	5,419	31,912	7	7
1122+89.9	98,556	5,478	31,972	7	7
1123+00	98,569	5,508	32,002	7	7
1123+50	98,636	5,657	32,151	7	7
1123+95.75	98,707	5,793	32,287	7	7
1124+00	98,714	5,806	32,300	7	7
1124+15.75	98,739	5,853	32,346	7	7
1124+50	98,790	5,955	32,449	7	7
1124+55.75	98,799	5,972	32,466	7	7
1125+00	98,880	6,104	32,597	7	7
1125+15.75	98,913	6,151	32,644	7	7
1125+18.23	98,919	6,158	32,652	7	7
1125+50	98,983	6,253	32,747	7	7
1125+78.23	99,032	6,337	32,831	7	7
1126+00	99,065	6,402	32,896	7	7
1126+38.23	99,114	6,516	33,010	7	7
1126+50	99,128	6,551	33,046	7	7
1126+60.27	99,139	6,582	33,077	7	7
1126+65	99,144	6,596	33,092	7	7

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1126+70	99,149	6,611	33,108	7	7
1126+75	99,153	6,626	33,124	7	7
1126+80	99,158	6,640	33,140	7	7
1126+85	99,163	6,655	33,156	7	7
1126+86.23	99,164	6,659	33,160	7	7
1126+90	99,168	6,669	33,172	7	7
1126+95	99,172	6,684	33,188	7	7
1126+98.23	99,175	6,693	33,198	7	7
1127+00	99,177	6,698	33,204	7	7
1127+05	99,181	6,711	33,220	7	7
1127+10	99,185	6,723	33,234	7	7
1127+15	99,189	6,733	33,246	7	7
1127+20	99,193	6,741	33,257	7	7
1127+25	99,197	6,747	33,267	7	7
1127+30	99,201	6,752	33,275	7	7
1127+35	99,205	6,756	33,283	7	7
1127+40	99,208	6,757	33,289	7	7
1127+40.23	99,208	6,757	33,289	7	7
1127+45	99,211	6,757	33,294	7	7
1127+50	99,214	6,757	33,300	7	7
1127+55	99,217	6,757	33,306	7	7
1127+60	99,221	6,757	33,312	7	7
1127+65	99,224	6,757	33,319	7	7
1127+70	99,227	6,757	33,327	7	7
1127+75	99,230	6,757	33,335	7	7
1127+80	99,233	6,757	33,344	7	7
1127+85	99,236	6,757	33,353	7	7
1127+90	99,239	6,757	33,363	7	7
1127+95	99,242	6,757	33,374	7	7
1128+00	99,245	6,757	33,384	7	7
1128+05	99,247	6,757	33,395	7	7
1128+10	99,250	6,757	33,406	7	7
1128+15	99,253	6,757	33,417	7	7
1128+20	99,256	6,757	33,428	7	7
1128+25	99,259	6,757	33,439	7	7
1128+30	99,262	6,757	33,450	7	7
1128+35	99,265	6,757	33,461	7	7
1128+40	99,268	6,757	33,471	7	7
1128+45	99,271	6,757	33,481	7	7
1128+49.13	99,274	6,757	33,488	7	7
1128+50	99,274	6,757	33,490	7	7
1128+55	99,277	6,757	33,499	7	7
1128+60	99,280	6,757	33,506	7	7
1128+65	99,284	6,757	33,513	7	7
1128+70	99,287	6,757	33,520	7	7
1128+75	99,290	6,757	33,525	7	7
1128+80	99,293	6,757	33,530	7	7
1128+85	99,297	6,757	33,534	7	7
1128+90	99,301	6,757	33,537	7	7

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1128+91.13	99,302	6,757	33,537	7	7
1128+95	99,306	6,757	33,539	7	7
1129+00	99,313	6,757	33,541	7	7
1129+03.13	99,316	6,757	33,541	7	7
1129+05	99,318	6,757	33,542	7	7
1129+10	99,320	6,757	33,542	7	7
1129+15	99,321	6,757	33,542	7	7
1129+20	99,321	6,757	33,542	7	7
1129+25	99,322	6,757	33,542	7	7
1129+30	99,322	6,757	33,542	7	7
1129+35	99,323	6,757	33,542	7	7
1129+40	99,323	6,757	33,542	7	7
1129+45	99,323	6,757	33,542	7	7
1129+50	99,324	6,757	33,542	7	7
1129+51.13	99,324	6,757	33,542	7	7
1129+55	99,324	6,757	33,542	7	7
1129+60	99,325	6,757	33,542	7	7
1129+65	99,325	6,757	33,542	7	7
1129+70	99,325	6,757	33,542	7	7
1129+75	99,326	6,757	33,542	7	7
1129+80	99,326	6,757	33,542	7	7
1129+85	99,326	6,757	33,542	7	7
1129+90	99,326	6,757	33,542	7	7
1129+95	99,326	6,757	33,542	7	7
1130+00	99,326	6,757	33,542	7	7
1130+05	99,327	6,757	33,542	7	7
1130+10	99,330	6,757	33,543	7	7
1130+11.13	99,332	6,757	33,543	7	7
1130+15	99,345	6,757	33,544	7	7
1130+20	99,373	6,757	33,545	7	7
1130+25	99,407	6,757	33,546	7	7
1130+30	99,442	6,757	33,546	7	7
1130+35	99,472	6,757	33,547	7	7
1130+40	99,494	6,757	33,547	7	7
1130+45	99,510	6,757	33,547	7	7
1130+50	99,524	6,757	33,547	7	7
1130+55	99,535	6,757	33,547	7	7
1130+60	99,546	6,757	33,547	7	7
1130+65	99,555	6,757	33,547	7	7
1130+70	99,563	6,757	33,547	7	7
1130+71.13	99,564	6,757	33,547	7	7
1130+75	99,569	6,757	33,547	7	7
1130+80	99,573	6,757	33,547	7	7
1130+85	99,575	6,757	33,547	7	7
1130+90	99,577	6,757	33,547	7	7
1130+95	99,581	6,757	33,547	7	7
1131+00	99,586	6,757	33,547	7	7
1131+05	99,594	6,757	33,547	7	7
1131+10	99,604	6,757	33,547	7	7

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
1131+15	99,617	6,757	33,547	7	7
1131+20	99,631	6,757	33,547	7	7
1131+25	99,648	6,757	33,547	7	7
1131+30	99,668	6,757	33,547	7	7
1131+35	99,694	6,757	33,547	7	7
1131+40	99,715	6,757	33,548	7	7
1131+45	99,720	6,757	33,548	7	7
1131+50	99,721	6,757	33,548	7	7
1131+55	99,721	6,757	33,548	7	7
1131+60	99,721	6,757	33,548	7	7
1131+65	99,721	6,757	33,548	7	7
1131+70	99,721	6,757	33,548	7	7
1131+75	99,721	6,757	33,548	7	7
1131+80	99,721	6,757	33,549	7	7
1131+85	99,721	6,757	33,549	7	7
1131+90	99,721	6,757	33,549	7	7
1131+95	99,722	6,757	33,549	7	7
1132+00	99,722	6,757	33,549	7	7
1132+05	99,722	6,757	33,549	7	7
1132+10	99,722	6,757	33,549	7	7
1132+15	99,722	6,757	33,549	7	7
1132+20	99,722	6,757	33,549	7	7
1132+25	99,722	6,757	33,549	7	7
1132+30	99,722	6,757	33,549	7	7
1132+35	99,722	6,757	33,549	7	7
1132+40	99,722	6,757	33,549	7	7
1132+40.28	99,722	6,757	33,549	7	7
1132+50	99,722	6,757	33,554	7	7
1132+71.49	99,722	6,757	33,588	7	7
1133+00	99,722	6,757	33,619	7	7

JACKSON HEIGHTS ROAD

STATION	Cumulative Vol (CY) Excavation Common 205.0100 Cut	EBS	Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
10+20	0	0	0	0	0
10+25	5	0	0	0	0
10+30	24	0	0	0	0
10+35	61	0	0	0	0
10+40	116	0	0	0	0
10+45	187	0	0	0	0
10+50	275	0	0	0	0
10+55	379	0	0	0	0
10+60	499	0	0	0	0
10+65	635	0	0	0	0
10+70	792	0	0	0	0
10+75	969	0	0	0	0
10+80	1,161	0	0	0	0
10+85	1,366	0	0	0	0
10+90	1,575	0	0	0	0
10+95	1,783	0	0	0	0
11+00	1,983	0	0	0	0
11+05	2,181	0	0	0	0
11+10	2,377	0	0	0	0
11+15	2,571	0	0	0	0
11+20	2,763	0	0	0	0
11+25	2,953	0	0	0	0
11+30	3,141	0	0	0	0
11+35	3,327	0	0	0	0
11+40	3,513	0	0	0	0
11+45	3,699	0	0	0	0
11+50	3,882	0	0	0	0
11+55	4,062	0	0	0	0
11+60	4,239	0	0	0	0
11+65	4,413	0	0	0	0
11+70	4,583	0	0	0	0
11+73.45	4,700	0	0	0	0
12+00	5,529	0	0	0	0
12+50	6,742	0	0	0	0
12+62.72	6,973	0	0	0	0
13+00	7,480	0	0	0	0
13+50	7,896	0	0	0	0
13+87.87	8,074	0	0	0	0
14+00	8,102	0	0	0	0
14+50	8,134	0	0	0	0
15+00	8,134	0	0	0	0
15+13.03	8,134	0	0	0	0
15+50	8,134	0	0	0	0
15+51.31	8,134	0	0	0	0

LITTLE BEARSKIN TRAIL ROAD

STATION	Cumulative Vol (CY) Excavation Common 205.0100 Cut	EBS	Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
09+75	0	0	0	0	0
09+80	0	0	0	0	0
09+85	1	0	0	0	0
09+90	5	0	0	0	0
09+95	19	0	0	0	0
10+00	49	0	0	0	0
10+05	111	0	0	0	0
10+10	206	0	0	0	0
10+15	329	0	0	0	0
10+20	476	0	0	0	0
10+25	645	0	0	0	0
10+30	840	0	0	0	0
10+35	1,062	0	0	0	0
10+40	1,308	0	0	0	0
10+45	1,573	0	0	0	0
10+50	1,851	0	0	0	0
10+55	2,139	0	0	0	0
10+60	2,431	0	0	0	0
10+65	2,721	0	0	0	0
10+70	3,010	0	0	0	0
10+73.15	3,193	0	0	0	0
10+75	3,301	0	0	0	0
10+80	3,592	0	0	0	0
10+85	3,884	0	0	0	0
10+90	4,174	0	0	0	0
10+95	4,463	0	0	0	0
11+00	4,748	0	0	0	0
11+05	5,031	0	0	0	0
11+10	5,308	0	0	0	0
11+14.42	5,546	0	0	0	0
11+15	5,577	0	0	0	0
11+15.14	5,584	0	0	0	0
11+46.3	7,091	0	0	0	0
11+50	7,252	0	0	0	0
12+00	9,207	0	0	0	0
12+50	10,686	0	0	0	0
12+81.56	11,305	0	0	0	0
13+00	11,535	0	3	0	0
13+50	11,836	0	11	0	0
14+00	11,889	0	11	0	0
14+16.83	11,889	0	11	0	0
14+50	11,889	0	11	0	0
14+68.09	11,889	0	11	0	0
15+00	11,889	0	11	0	0
15+19.35	11,889	0	11	0	0

OAKRIDGE ROAD

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
10+20	0	0	0	0	0
10+21.86	1	0	0	0	0
10+25	5	0	0	0	0
10+30	20	0	0	0	0
10+35	47	0	0	0	0
10+40	88	0	0	0	0
10+45	144	0	0	0	0
10+50	215	0	0	0	0
10+55	299	0	0	0	0
10+60	394	0	0	0	0
10+60.61	406	0	0	0	0
10+65	501	0	0	0	0
10+70	624	0	0	0	0
10+75	767	0	0	0	0
10+80	923	0	0	0	0
10+85	1,084	0	0	0	0
10+90	1,241	0	0	0	0
10+95	1,381	0	0	0	0
10+99.36	1,479	0	0	0	0
11+00	1,491	0	0	0	0
11+01.94	1,527	0	0	0	0
11+05	1,579	0	0	0	0
11+10	1,657	0	0	0	0
11+15	1,732	0	0	0	0
11+20	1,806	0	0	0	0
11+22.61	1,844	0	0	0	0
11+25	1,879	0	0	0	0
11+30	1,953	0	0	0	0
11+35	2,022	0	0	0	0
11+40	2,088	0	0	0	0
11+45	2,151	0	0	0	0
11+50	2,213	0	0	0	0
11+55	2,274	0	0	0	0
11+60	2,332	0	0	0	0
11+65	2,389	0	0	0	0
11+70	2,445	0	0	0	0
11+73.88	2,487	0	0	0	0
11+75.55	2,505	0	0	0	0
11+86.97	2,621	0	0	0	0
12+00	2,745	0	0	0	0
12+50	3,132	0	0	0	0
12+51.34	3,140	0	0	0	0
12+72.01	3,258	0	0	0	0
12+74.59	3,271	0	0	0	0
13+00	3,380	0	0	0	0
13+13.34	3,426	0	0	0	0
13+50	3,522	0	4	0	0
13+52.09	3,526	0	5	0	0

OAKRIDGE ROAD (CONTINUED)

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
13+90.84	3,597	0	19	0	0
14+00	3,611	0	24	0	0
14+50	3,672	0	39	0	0
15+00	3,696	0	39	0	0
15+50	3,696	0	39	0	0
16+00	3,696	0	39	0	0
16+29.08	3,696	0	39	0	0

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PROJECT NO: 1177-11-70 | HWY: USH 51 | COUNTY: ONEIDA | CROSS SECTIONS: SIDE ROADS | SHEET 413 | E

WARBONNET LANE

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
10+10	0	0	0	0	0
10+15	0	2	1	0	0
10+20	0	4	8	0	0
10+25	0	4	28	0	0
10+30	0	4	51	0	0
10+35	0	5	71	0	0
10+40	0	7	90	0	0
10+45	0	8	110	0	0
10+50	0	8	132	0	0
10+55	1	8	152	0	0
10+60	4	8	170	0	0
10+65	7	8	185	0	0
10+70	11	8	196	0	0
10+75	16	8	207	0	0
10+80	19	8	218	0	0
10+85	23	8	231	0	0
10+90	26	8	247	0	0
10+95	31	8	263	0	0
11+00	37	8	279	0	0
11+05	41	8	294	0	0
11+10	46	8	308	0	0
11+15	53	8	320	0	0
11+20	66	8	332	0	0
11+25	88	8	344	0	0
11+30	118	8	356	0	0
11+35	152	8	370	0	0
11+40	188	8	383	0	0
11+45	226	8	395	0	0
11+50	265	8	408	0	0
11+55	304	8	419	0	0
11+60	339	8	430	0	0
11+65	372	8	439	0	0
11+70	407	8	446	0	0
11+71.68	420	8	449	0	0
11+89.53	564	8	468	0	0
12+00	663	8	474	0	0
12+49.64	1,083	8	497	0	0
12+50	1,086	8	498	0	0
13+00	1,256	8	509	0	0
13+09.75	1,256	8	509	0	0

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CLEARVIEW COURT

STATION	Cumulative Vol (CY) Excavation Common 205.0100 Cut	EBS	Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
10+00	0	0	0	0	0
10+50	224	0	0	0	0
10+63.39	349	0	0	0	0
11+00	696	0	0	0	0
11+00.06	697	0	0	0	0
11+36.72	1,002	0	0	0	0
11+50	1,116	0	0	0	0
11+73.39	1,387	0	0	0	0
11+73.39	1,387	0	0	0	0
11+91.72	1,684	0	0	0	0
12+00	1,855	0	0	0	0
12+13.7	2,206	0	0	0	0
12+35.68	3,009	0	0	0	0
12+43.15	3,363	0	0	0	0
12+45	3,457	0	0	0	0
12+50	3,728	0	0	0	0
12+54.01	3,962	0	0	0	0
12+54.01	3,962	0	0	0	0
12+55	4,021	0	0	0	0
12+60	4,335	0	0	0	0
12+65	4,668	0	0	0	0
12+70	5,022	0	0	0	0
12+75	5,396	0	0	0	0
12+80	5,784	0	0	0	0
12+85	6,172	0	0	0	0
12+90	6,546	0	0	0	0
12+90.68	6,595	0	0	0	0
12+95	6,900	0	0	0	0
13+00	7,234	0	0	0	0
13+05	7,546	0	0	0	0
13+10	7,837	0	0	0	0
13+15	8,118	0	0	0	0
13+20	8,393	0	0	0	0
13+25	8,659	0	0	0	0
13+27.35	8,781	0	0	0	0
13+30	8,916	0	0	0	0
13+35	9,155	0	0	0	0
13+40	9,369	0	0	0	0
13+45	9,550	0	0	0	0
13+50	9,697	0	0	0	0
13+55	9,811	0	0	0	0
13+60	9,898	0	0	0	0
13+64.01	9,953	0	0	0	0
13+65	9,965	0	0	0	0
13+70	10,012	0	0	0	0
13+75	10,045	0	0	0	0
13+80	10,065	0	0	0	0
13+85	10,078	0	0	0	0

CLEARVIEW COURT (CONTINUED)

STATION	Cumulative Vol (CY) Excavation Common 205.0100 Cut	EBS	Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
13+90	10,085	0	0	0	0
13+95	10,088	0	0	0	0

S. BLUE LAKE ROAD

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
10+10	0	0	0	0	0
10+15	2	0	0	0	0
10+20	9	0	0	0	0
10+25	20	0	0	0	0
10+30	36	0	0	0	0
10+35	58	0	0	0	0
10+40	86	0	0	0	0
10+40.83	92	0	0	0	0
10+45	123	0	0	0	0
10+50	171	0	0	0	0
10+55	237	0	0	0	0
10+60	329	0	0	0	0
10+65	447	0	0	0	0
10+70	578	0	0	0	0
10+74.33	692	0	0	0	0
10+75	710	0	0	0	0
10+80	830	0	0	0	0
10+85	929	0	0	0	0
10+85.5	937	0	0	0	0
10+90	1,004	0	0	0	0
10+95	1,068	0	0	0	0
11+00	1,126	0	0	0	0
11+05	1,182	0	0	0	0
11+07.83	1,213	0	0	0	0
11+10	1,236	0	0	0	0
11+15	1,287	0	0	0	0
11+20	1,335	0	0	0	0
11+25	1,380	0	0	0	0
11+26.81	1,395	0	0	0	0
11+30	1,422	0	0	0	0
11+35	1,461	0	0	0	0
11+40	1,497	0	0	0	0
11+45	1,530	0	0	0	0
11+45.79	1,535	0	0	0	0
11+50	1,561	0	0	0	0
11+55	1,588	0	0	0	0
11+60	1,613	0	0	0	0
11+65	1,636	0	0	0	0
11+68.12	1,649	0	0	0	0
11+70	1,656	0	0	0	0
11+74.01	1,672	0	0	0	0
11+79.29	1,689	0	0	0	0
12+00	1,739	0	1	0	0
12+12.79	1,758	0	2	0	0
12+50	1,800	0	7	0	0
12+89.31	1,819	0	11	0	0
13+00	1,819	0	11	0	0
13+19.31	1,819	0	11	0	0

S. BLUE LAKE ROAD (CONTINUED)

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
13+23.92	1,819	0	11	0	0
13+34.31	1,819	0	11	0	0
13+50	1,819	0	11	0	0
14+00	1,819	0	11	0	0
14+19.39	1,819	0	11	0	0
14+50	1,819	0	11	0	0
15+00	1,819	0	11	0	0
15+04.46	1,819	0	11	0	0
15+14.85	1,819	0	11	0	0
15+19.46	1,819	0	11	0	0

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PROJECT NO: 1177-11-70 | HWY: USH 51 | COUNTY: ONEIDA | CROSS SECTIONS: SIDE ROADS | SHEET 416 | E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\EARTHWORK QUANITITIES\SIDE_ROADS.DWG
LAYOUT NAME - 090132-EW

PLOT DATE : 10/1/2015 2:13 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:10 FT

COTTAGE INN DRIVE

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
10+00	0	0	0	0	0
10+50	0	0	0	0	0
11+00	0	0	0	0	0
11+50	0	0	0	0	0
12+00	0	0	0	0	0
12+50	0	0	0	0	0
13+00	0	0	0	0	0
13+47.63	0	0	0	0	0
13+50	0	0	0	0	0
14+00	0	0	0	0	0
14+43.97	0	0	0	0	0
14+50	0	0	0	0	0
15+00	41	0	0	0	0
15+50	82	0	16	0	0
15+65.31	82	0	34	0	0
16+00	82	0	138	0	0
16+01.39	82	0	143	0	0
16+02.72	82	0	148	0	0
16+05	82	0	157	0	0
16+10	82	0	177	0	0
16+15	82	0	196	0	0
16+20	82	0	210	0	0
16+25	82	0	220	0	0
16+30	82	0	226	0	0
16+35	82	0	229	0	0
16+37.48	82	0	230	0	0
16+40	82	0	231	0	0

STA 950+00 LT P.E.

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
00+00	0	0	0	0	0
00+13.12	1	0	0	0	0
00+50	5	0	20	0	24
00+85.16	5	0	106	0	127

STA 962+55 LT P.E.

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
00+00	0	0	0	0	0
00+26	0	0	0	0	0
00+50	18	0	0	0	0
00+77.07	100	0	0	0	0

STA 998+40 RT P.E.

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
01+00	0	0	0	0	0
01+01.31	22	0	0	0	0
01+18.37	413	0	0	0	0
01+35.44	918	0	0	0	0
01+50	1,349	0	0	0	0
02+00	2,280	0	0	0	0
02+23.42	2,386	0	15	0	0
02+50	2,397	0	81	0	0
02+55.62	2,397	0	101	0	0
02+87.81	2,425	0	163	0	0
03+00	2,454	0	163	0	0
03+50	2,638	0	163	0	0
03+70.66	2,708	0	163	0	0
03+77.98	2,720	0	163	0	0
03+85.31	2,727	0	163	0	0
04+00	2,735	0	163	0	0
04+21.98	2,745	0	163	0	0
04+26	2,747	0	163	0	0
04+50	2,752	0	163	0	0

STA 999+00 LT P.E.

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
00+44.27	0	0	0	0	0
00+46.64	0	0	0	0	0
00+50	1	0	0	0	0
00+64.59	4	0	0	0	0
00+84.92	4	0	6	0	0
00+91.52	4	0	9	0	0
00+98.38	5	0	14	0	0
01+00	6	0	15	0	0
01+05.23	7	0	17	0	0
01+09.1	9	0	19	0	0
01+16.01	12	0	20	0	0
01+22.92	16	0	21	0	0
01+29.92	23	0	21	0	0
01+94.26	1,012	0	21	0	0

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FROST BITE TRAIL TEMPORARY

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
00+00	0	0	0	0	0
00+13.8	7	0	1	0	0
00+49.06	13	0	31	0	0
00+50	13	0	32	0	0
00+84.31	14	0	82	0	0
01+00	19	0	97	0	0
01+50	203	0	111	0	0
01+54.32	232	0	111	0	0
01+54.37	232	0	111	0	0
01+54.42	232	0	111	0	0
02+00	501	0	112	0	0
02+50	648	0	114	0	0
02+99.48	666	0	224	0	0
03+00	666	0	226	0	0
03+15.12	666	0	302	0	0
03+30.76	666	0	402	0	0
03+50	666	0	514	0	0
03+99.62	666	0	878	0	0
04+00	666	0	882	0	0
04+21.12	666	0	1,073	0	0
04+42.63	676	0	1,158	0	0
04+45.2	679	0	1,158	0	0

FROST BITE TRAIL

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
00+76.65	0	0	0	0	0
00+93.14	1	0	125	0	0
01+00	1	0	192	0	0
01+23.12	1	0	411	0	0
01+50	1	0	612	0	0
01+70	1	0	700	0	0
02+00	1	0	764	0	0
02+16.88	1	0	779	0	0
02+20.03	2	0	781	0	0
02+50	10	0	792	0	0
02+57.23	14	0	794	0	0
02+76.55	23	0	799	0	0
02+94.44	27	0	802	0	0

STA 1037+50 LT C.E. "B"

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
00+00	0	0	0	0	0
00+50	121	0	0	0	0
01+00	370	0	0	0	0
01+50	865	0	0	0	0
02+00	1,571	0	0	0	0
02+37.89	2,219	0	0	0	0
02+42.53	2,305	0	0	0	0
02+47.16	2,391	0	0	0	0
02+50	2,445	0	0	0	0
03+00	3,386	0	0	0	0
03+50	4,256	0	0	0	0
04+00	4,840	0	0	0	0
04+22.73	4,938	0	0	0	0
04+37.77	4,981	0	0	0	0
04+50	5,043	0	0	0	0
04+52.81	5,059	0	0	0	0
04+80.53	5,181	0	0	0	0
04+87.54	5,199	0	0	0	0
04+94.56	5,213	0	0	0	0
05+00	5,221	0	0	0	0
05+50	5,272	0	0	0	0
05+55.81	5,277	0	0	0	0
05+64.6	5,283	0	0	0	0
05+73.4	5,286	0	0	0	0
05+75.83	5,286	0	0	0	0
06+00	5,290	0	0	0	0

STA 1037+50 LT C.E. "C"

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
00+00	0	0	0	0	0
00+18.29	10	0	0	0	0
00+50	71	0	0	0	0
00+62.64	118	0	0	0	0
00+71.48	166	0	0	0	0
00+80.32	233	0	0	0	0
01+00	408	0	0	0	0
01+13.28	492	0	0	0	0

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PROJECT NO: 1177-11-70 | HWY: USH 51 | COUNTY: ONEIDA | CROSS SECTIONS: PRIVATE AND COMMERCIAL ENTRANCES | SHEET 418 | E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\EARTHWORK QUANITITIES\PRIVATE_ENTRANCES.DWG
LAYOUT NAME - 090134-EW

PLOT DATE : 10/1/2015 2:13 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:10 FT

STA 1040+50 LT P.E. TEMPORARY

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
00+54.61	0	0	0	0	0
00+62.3	2	0	0	0	0
01+00	52	0	53	0	0
01+50	103	0	237	0	0
01+56.8	104	0	264	0	0

STA 1040+00 RT P.E.

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
00+89.38	0	0	0	0	0
01+00	243	0	0	0	0
01+04.08	328	0	0	0	0
01+29.31	760	0	0	0	0
01+50	1,013	0	0	0	0
02+00	1,330	0	0	0	0
02+24.18	1,363	0	0	0	0
02+42.01	1,370	0	0	0	0
02+50	1,372	0	0	0	0

STA 1052+00 LT C.E.

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
00+00	0	0	0	0	0
00+29	2	0	0	0	0
00+50	4	0	7	0	0
00+67.78	4	0	45	0	0
01+00	4	0	323	0	0
01+16.8	4	0	539	0	0
01+40.78	4	0	886	0	0
02+16.06	4	0	3,435	0	0

STA 1064+00 LT P.E. TEMPORARY

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
00+00	0	0	0	0	0
00+23.28	9	0	0	0	0
00+50	33	0	0	0	0
00+64.43	46	0	0	0	0
01+00	63	0	14	0	0
01+05.57	63	0	19	0	0
01+50	66	0	88	0	0
02+00	67	0	162	0	0
02+50	67	0	231	0	0
03+00	67	0	379	0	0
03+50	108	0	484	0	0
03+73.8	203	0	484	0	0
04+00	432	0	484	0	0
04+50	887	0	484	0	0
04+73.92	1,101	0	484	0	0
05+00	1,493	0	484	0	0
05+05.36	1,601	0	484	0	0
05+36.8	2,267	0	485	0	0
05+50	2,509	0	485	0	0
05+65.04	2,661	0	485	0	0

STA 1064+00 LT P.E.

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment SPV.0035.01	Excavation Marsh 205.0400	Marsh Backfill SPV.0035.02
	Cut	EBS			
00+00	0	0	0	0	0
00+14.6	11	0	0	0	0
00+50	61	0	2	0	0
01+00	712	0	23	0	0
01+50	1,707	0	65	0	0
02+00	2,225	0	159	0	0
02+50	3,737	0	230	0	0
02+56.85	4,152	0	230	0	0

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PROJECT NO: 1177-11-70 | HWY: USH 51 | COUNTY: ONEIDA | CROSS SECTIONS: PRIVATE AND COMMERCIAL ENTRANCES | SHEET 419 | E

STA 1070+00 LT P.E.

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
00+00	0	0	0	0	0
00+09	5	0	0	0	0
00+29.13	31	0	0	0	0
00+50	78	0	0	0	0
01+00	412	0	0	0	0
01+03.1	444	0	0	0	0
01+50	1,004	0	0	0	0
01+76.91	1,369	0	0	0	0

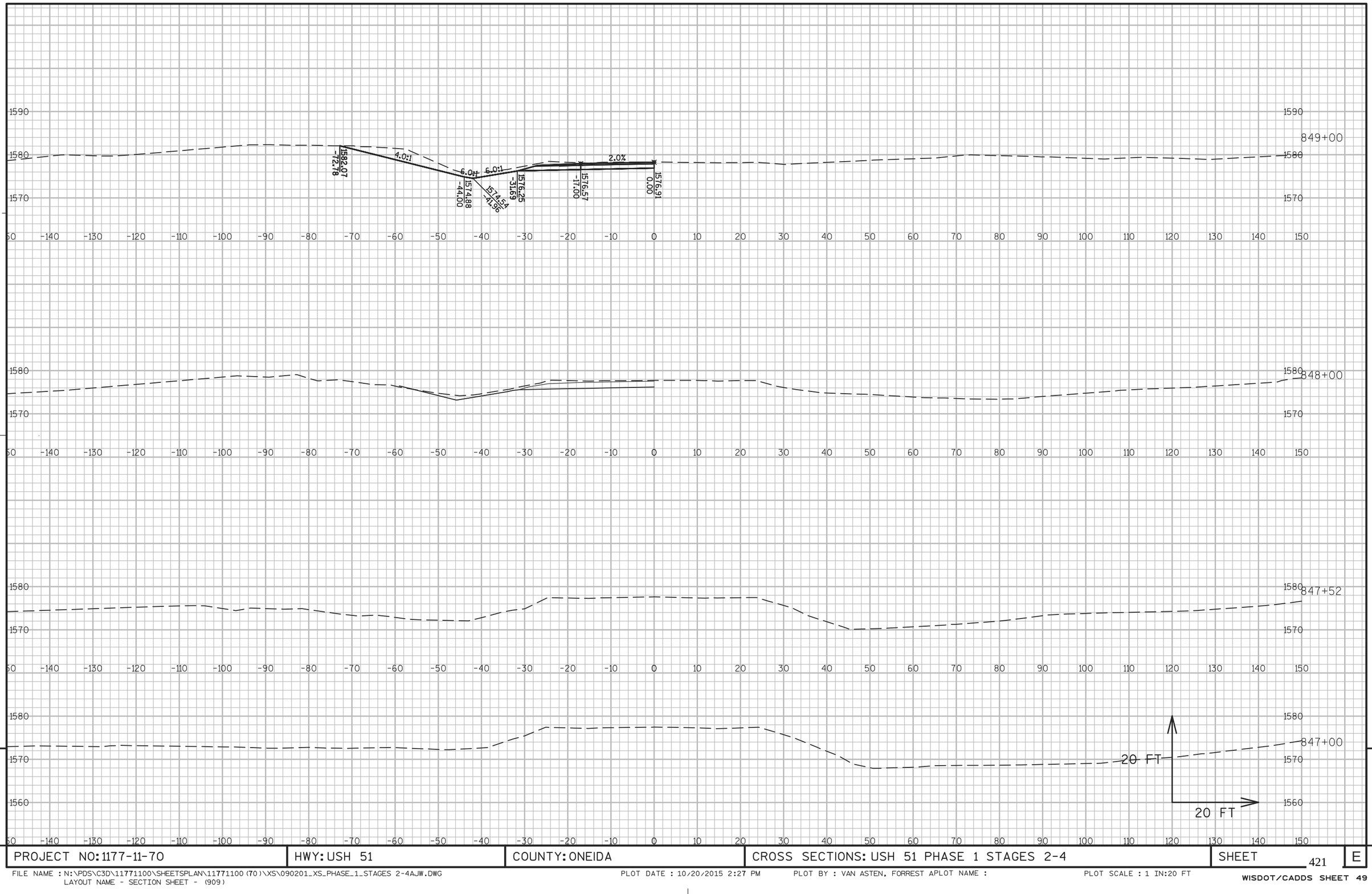
STA 1129+00 LT C.E. TEMPORARY

STATION	Cumulative Vol (CY)				
	Excavation Common 205.0100		Roadway Embankment	Excavation Marsh	Marsh Backfill
	Cut	EBS	SPV.0035.01	205.0400	SPV.0035.02
00+00	0	0	0	0	0
00+20.52	0	0	0	0	0
00+50	9	0	0	0	0
00+60.49	15	0	0	0	0
01+00	97	0	0	0	0
01+00.45	98	0	0	0	0
01+50	414	0	0	0	0
02+00	937	0	0	0	0
02+03.34	977	0	0	0	0
02+34.76	1,337	0	0	0	0
02+50	1,428	0	2	0	0
02+66.17	1,448	0	4	0	0
02+81.76	1,457	0	4	0	0

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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PRIVATE AND COMMERCIAL ENTRANCES	SHEET 420	E

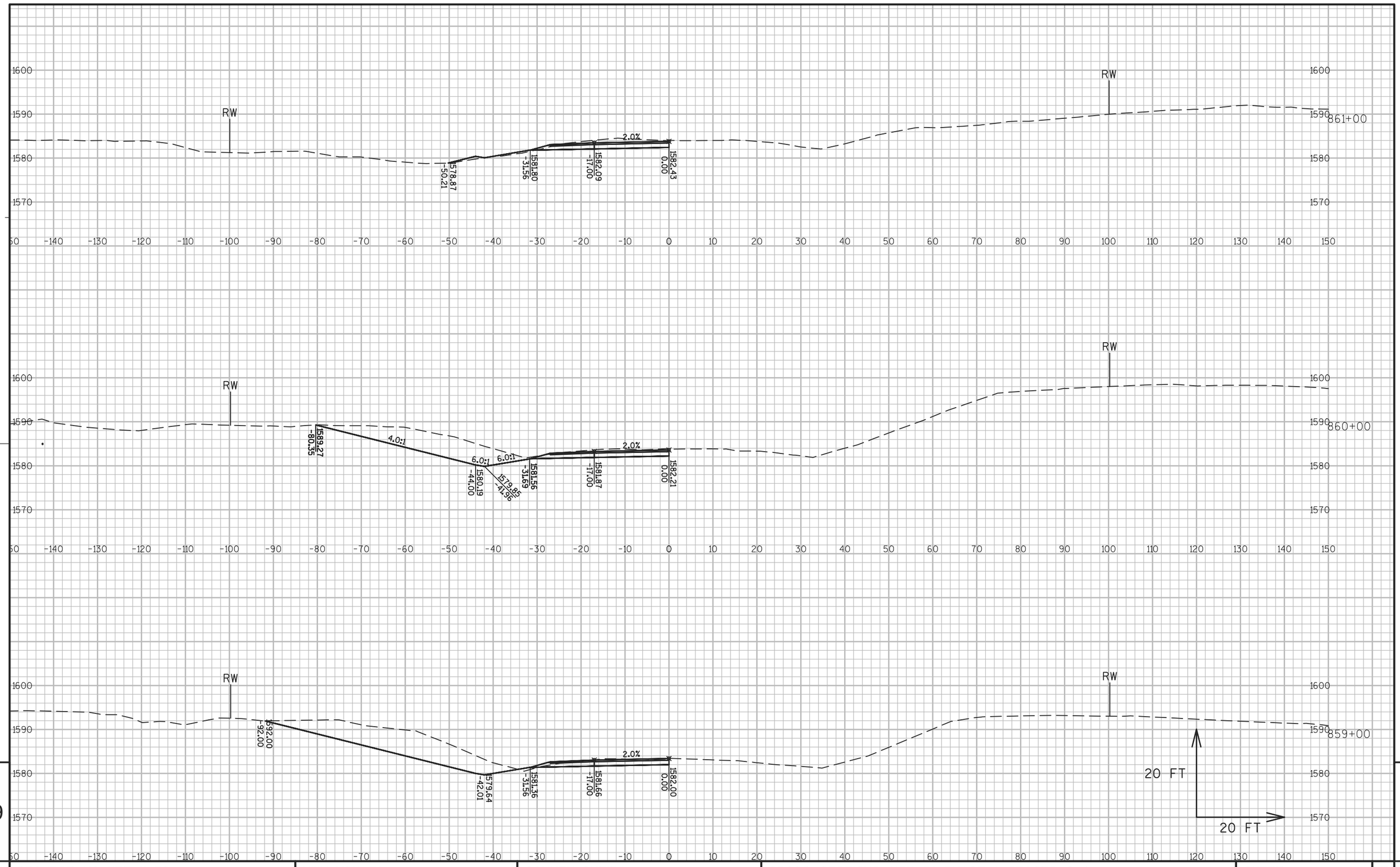


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 421	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (909)

PLOT DATE : 10/20/2015 2:27 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



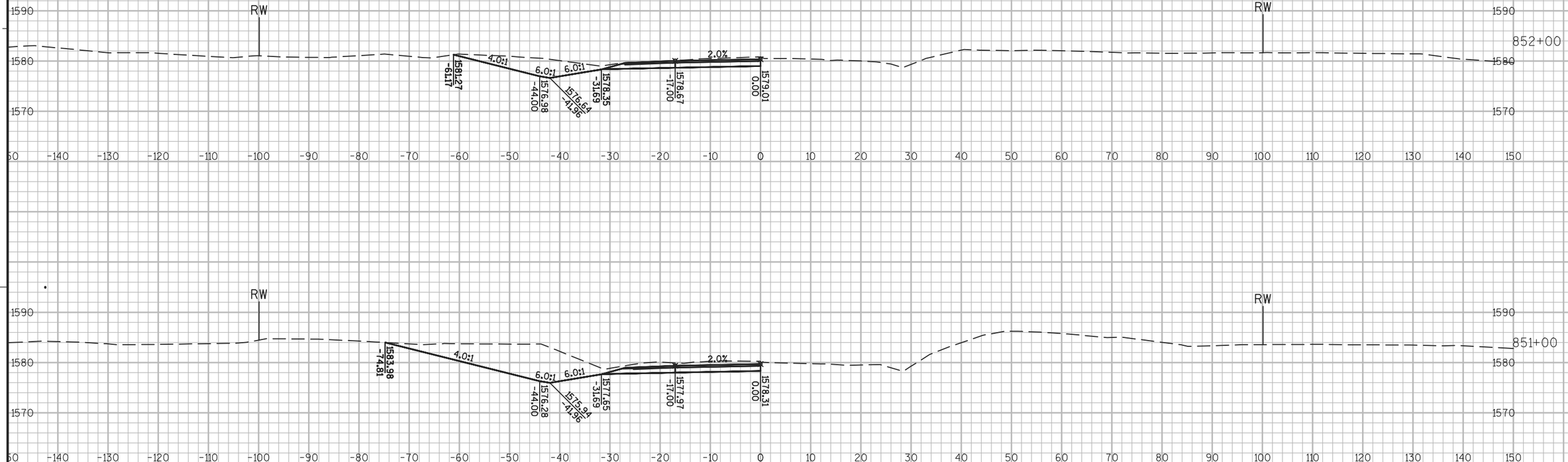
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 422	E

9

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (913)

PLOT DATE : 10/20/2015 2:28 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



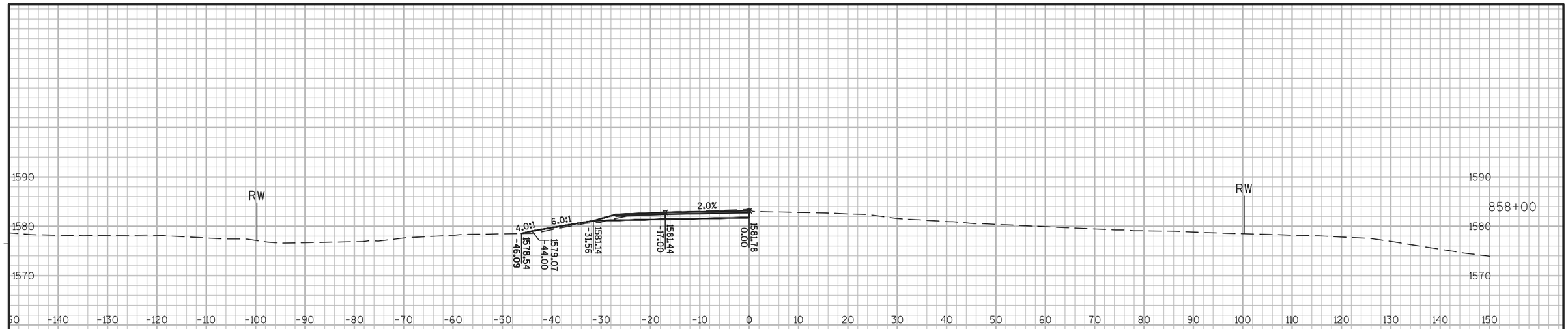
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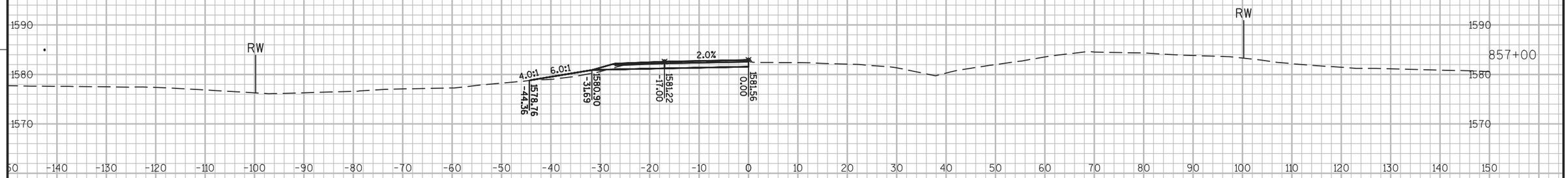
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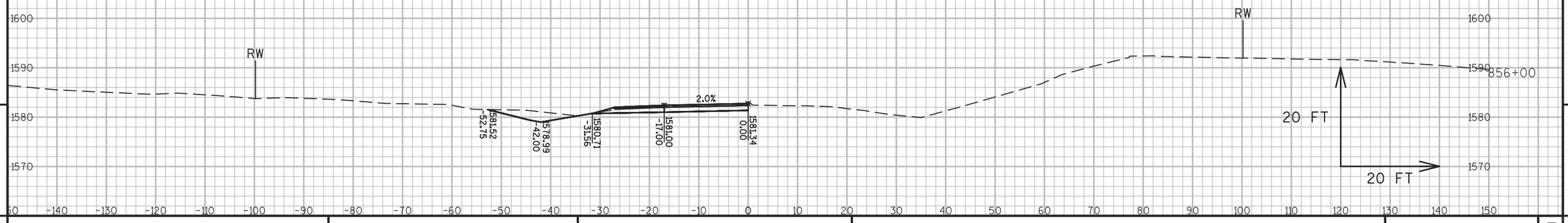
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 423	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (910)

PLOT DATE : 10/20/2015 2:30 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT







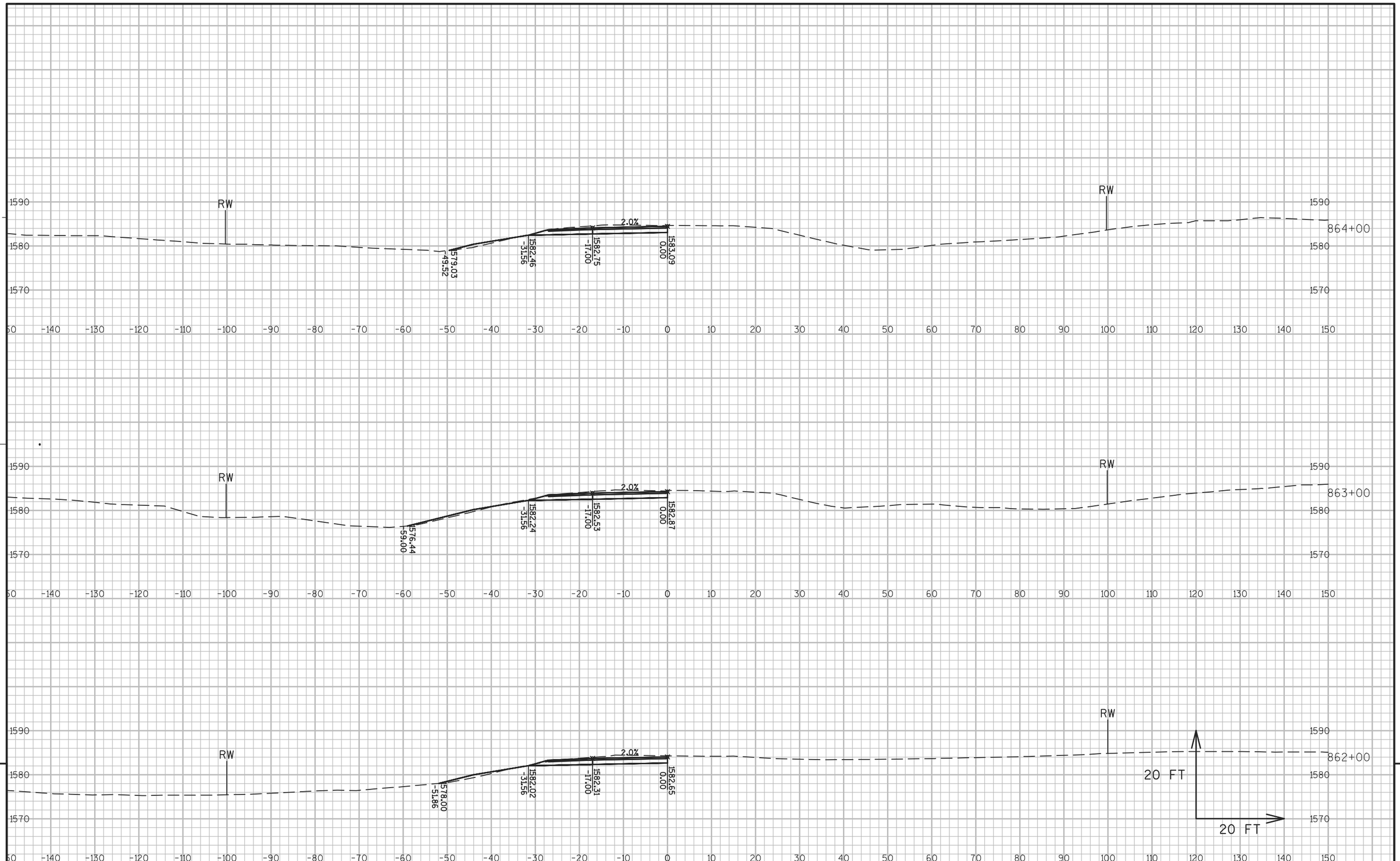
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 424	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (912)

PLOT DATE : 10/20/2015 2:32 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

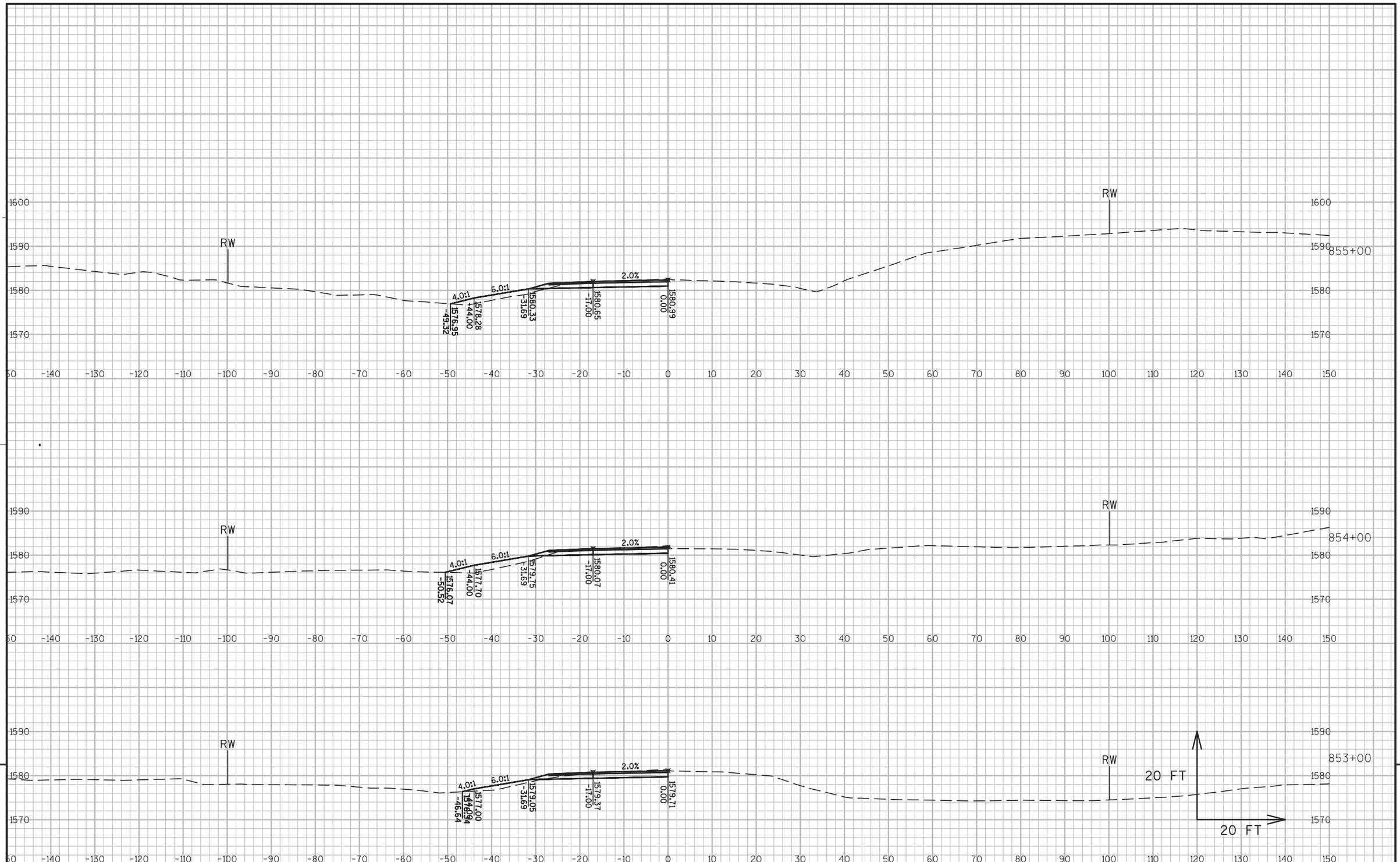
WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 425	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (914)

PLOT DATE : 10/20/2015 2:34 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

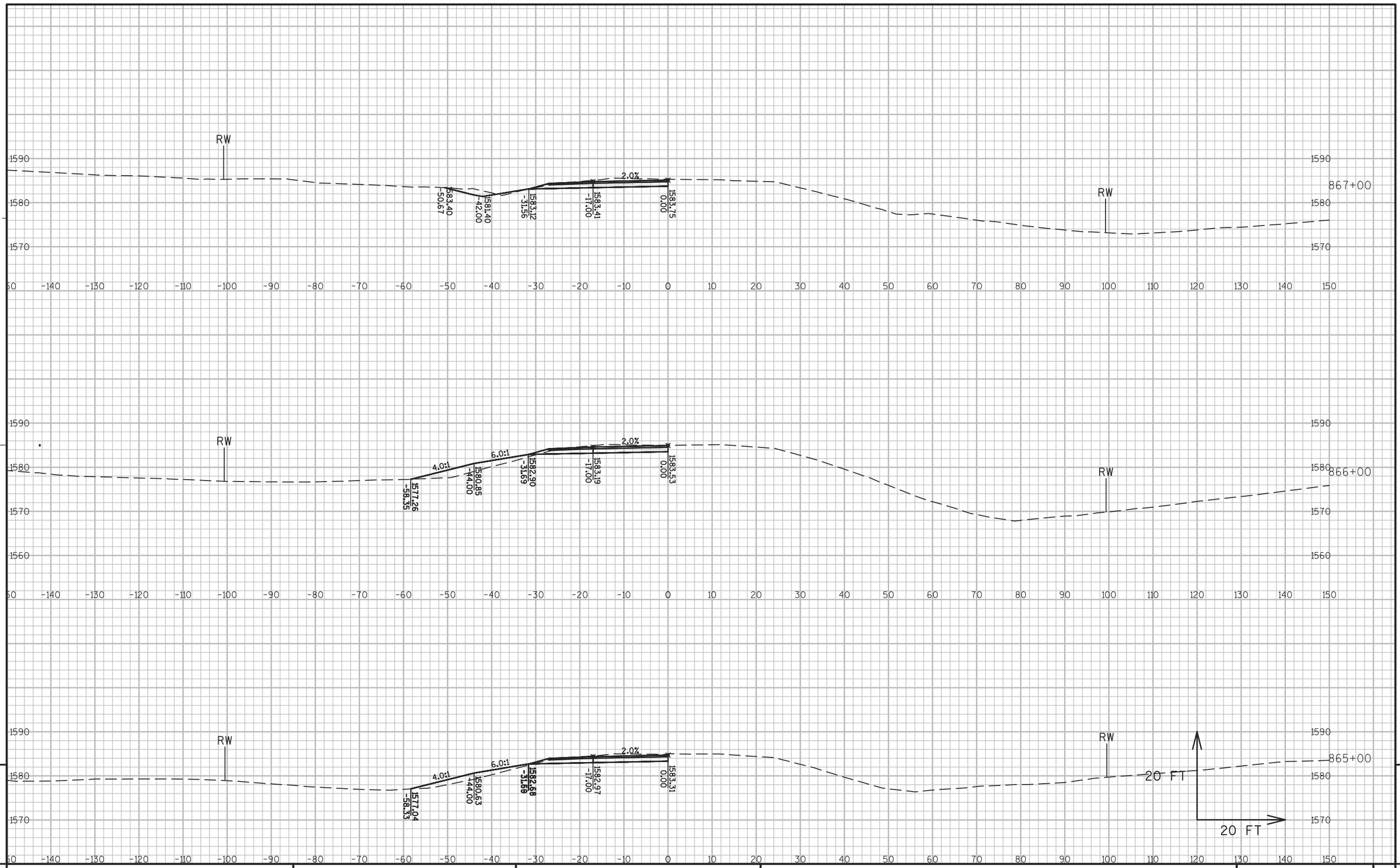


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 426	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (911)

PLOT DATE : 10/20/2015 2:36 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



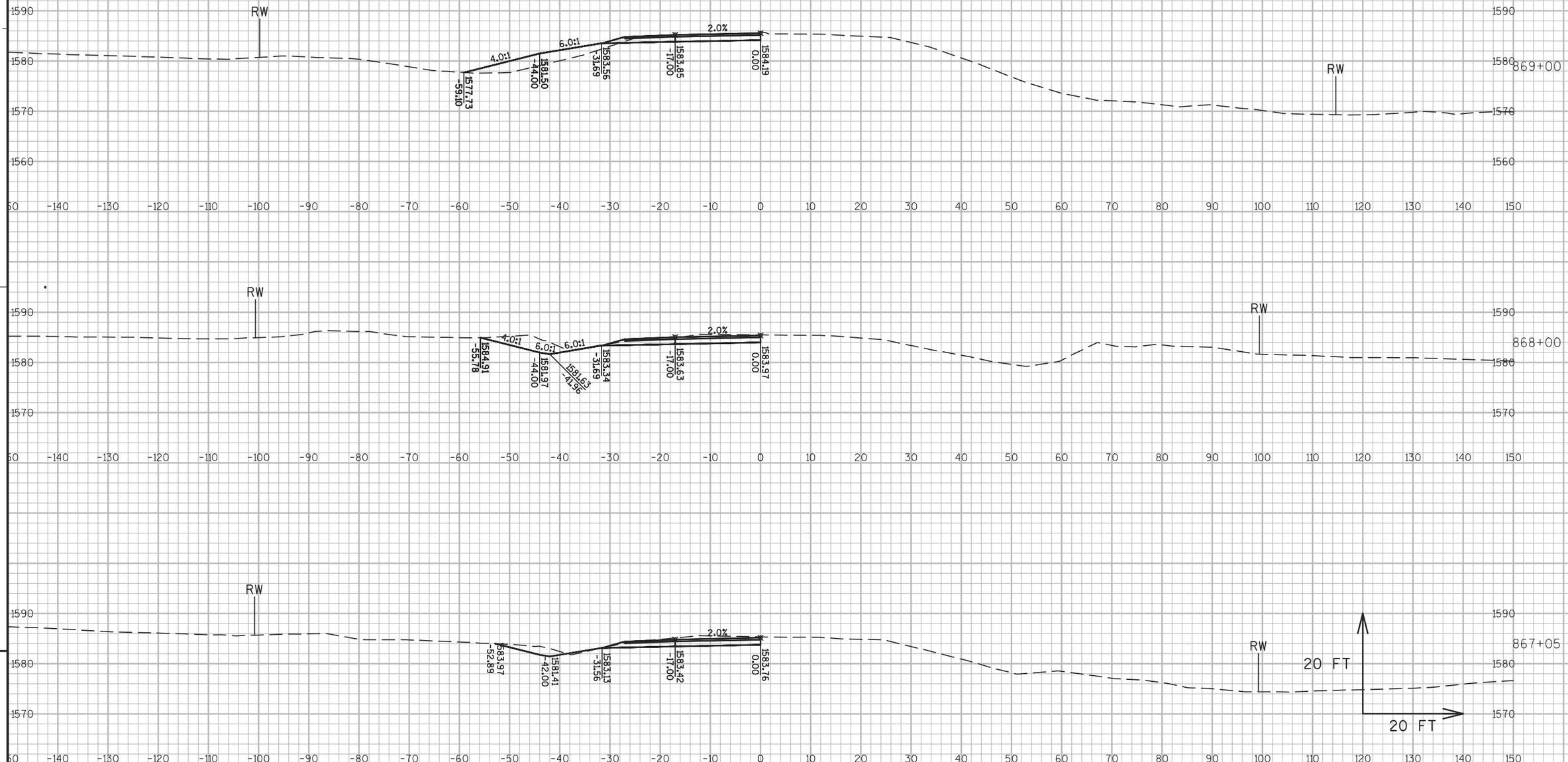
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 427	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (915)

PLOT DATE : 10/20/2015 2:38 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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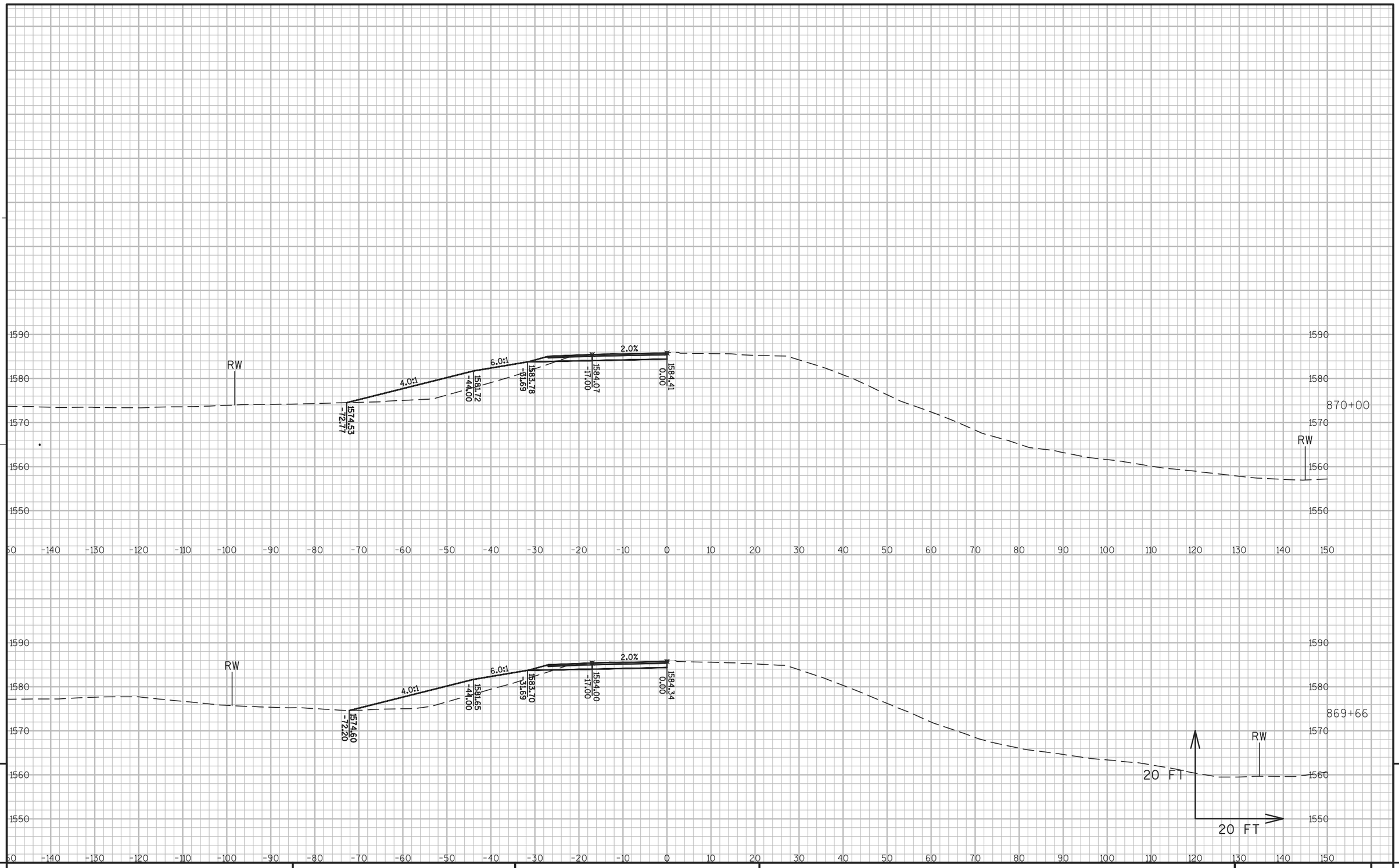
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 428	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (916)

PLOT DATE : 10/20/2015 2:39 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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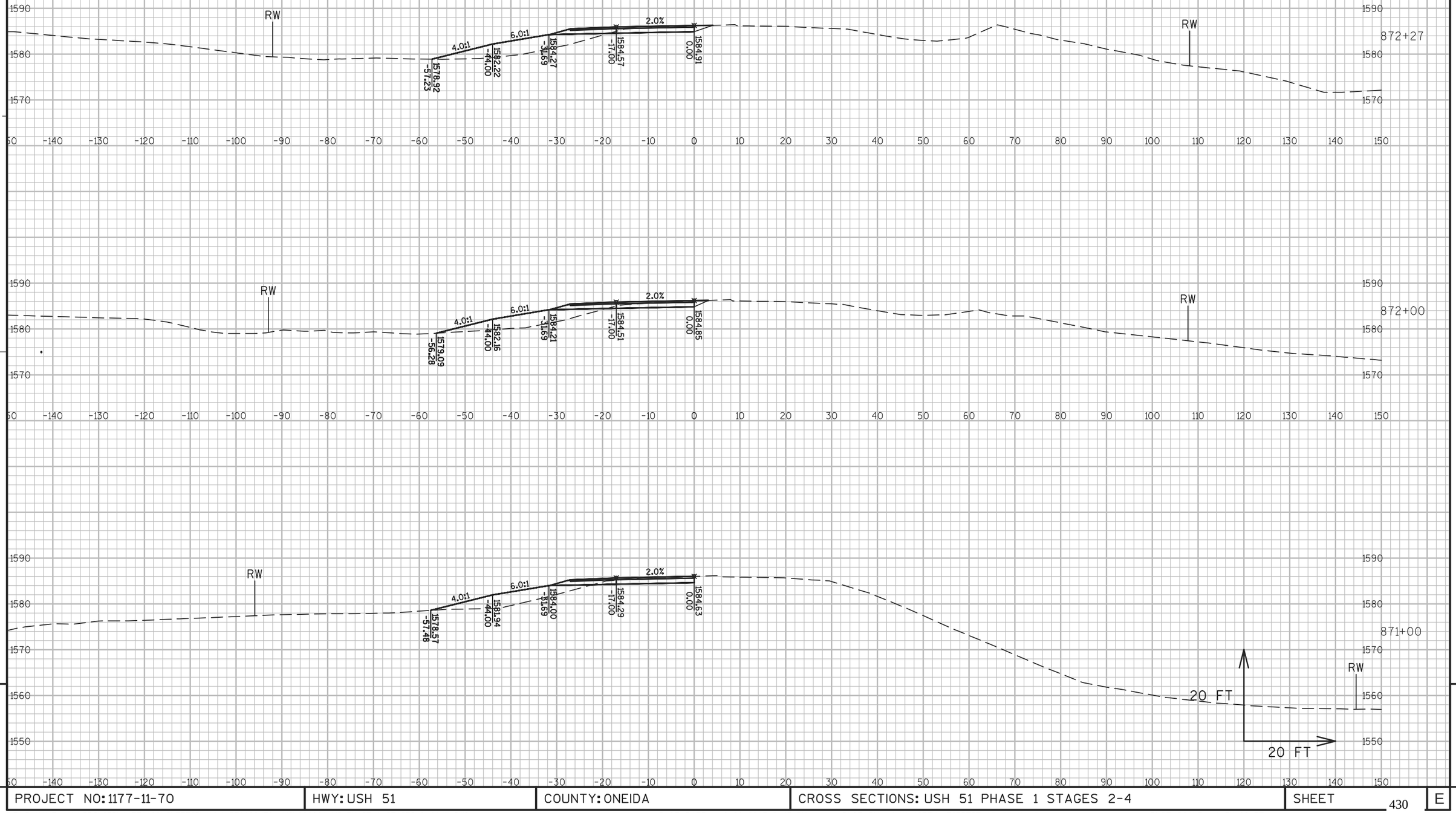
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 429	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (917)

PLOT DATE : 10/20/2015 2:41 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 430	E

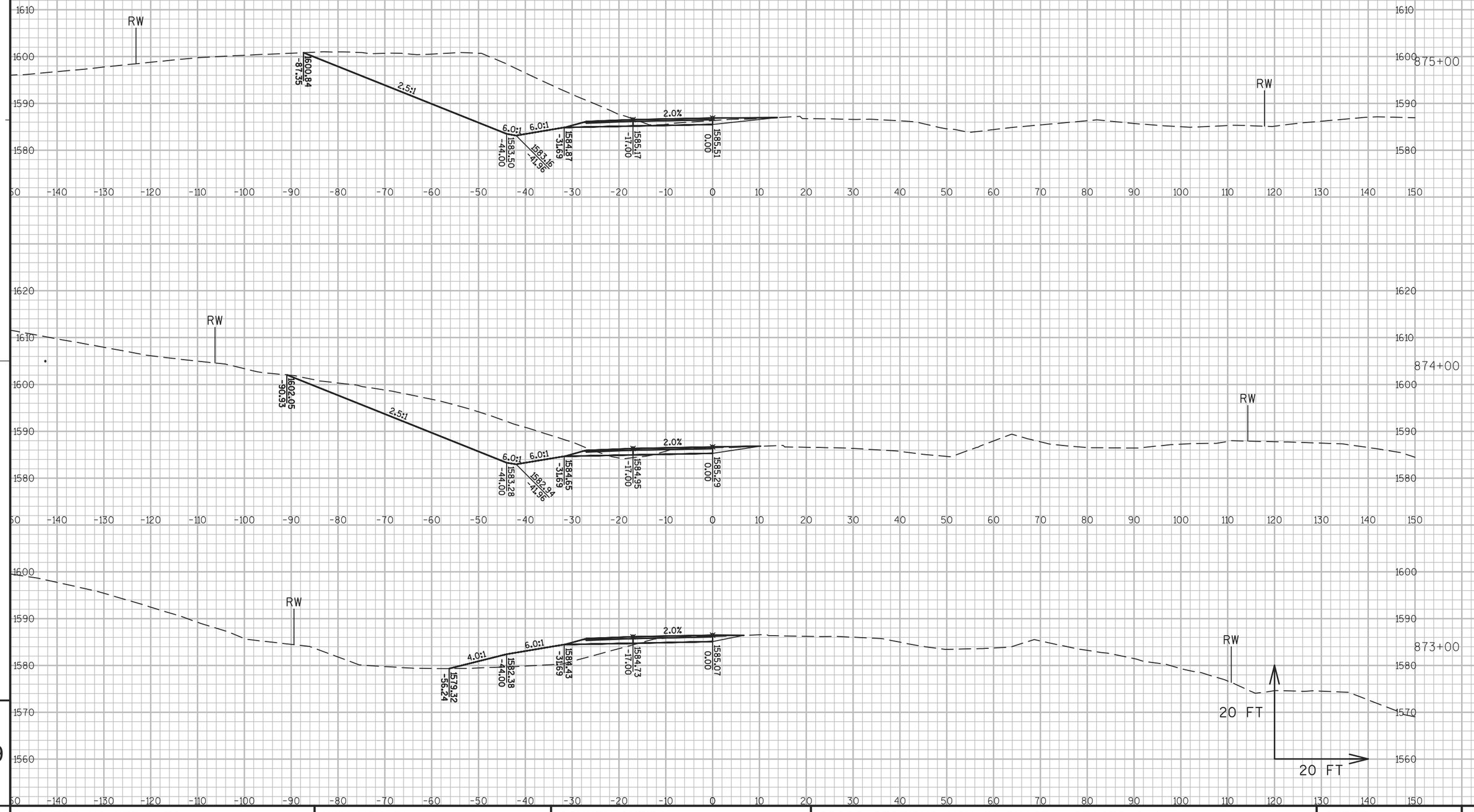
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FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (918)

PLOT DATE : 10/20/2015 2:43 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

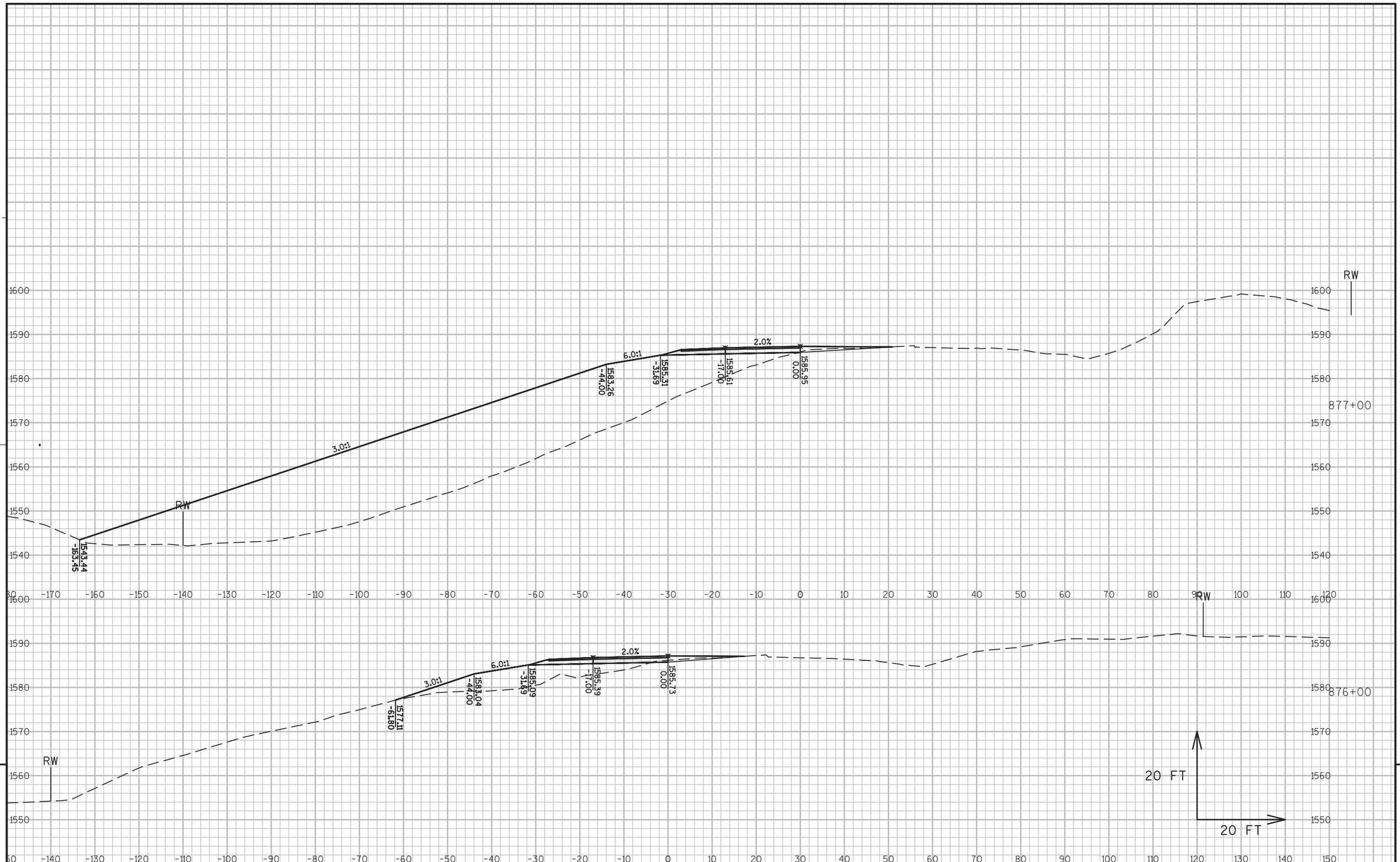
WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 431	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (919)

PLOT DATE : 10/20/2015 2:45 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

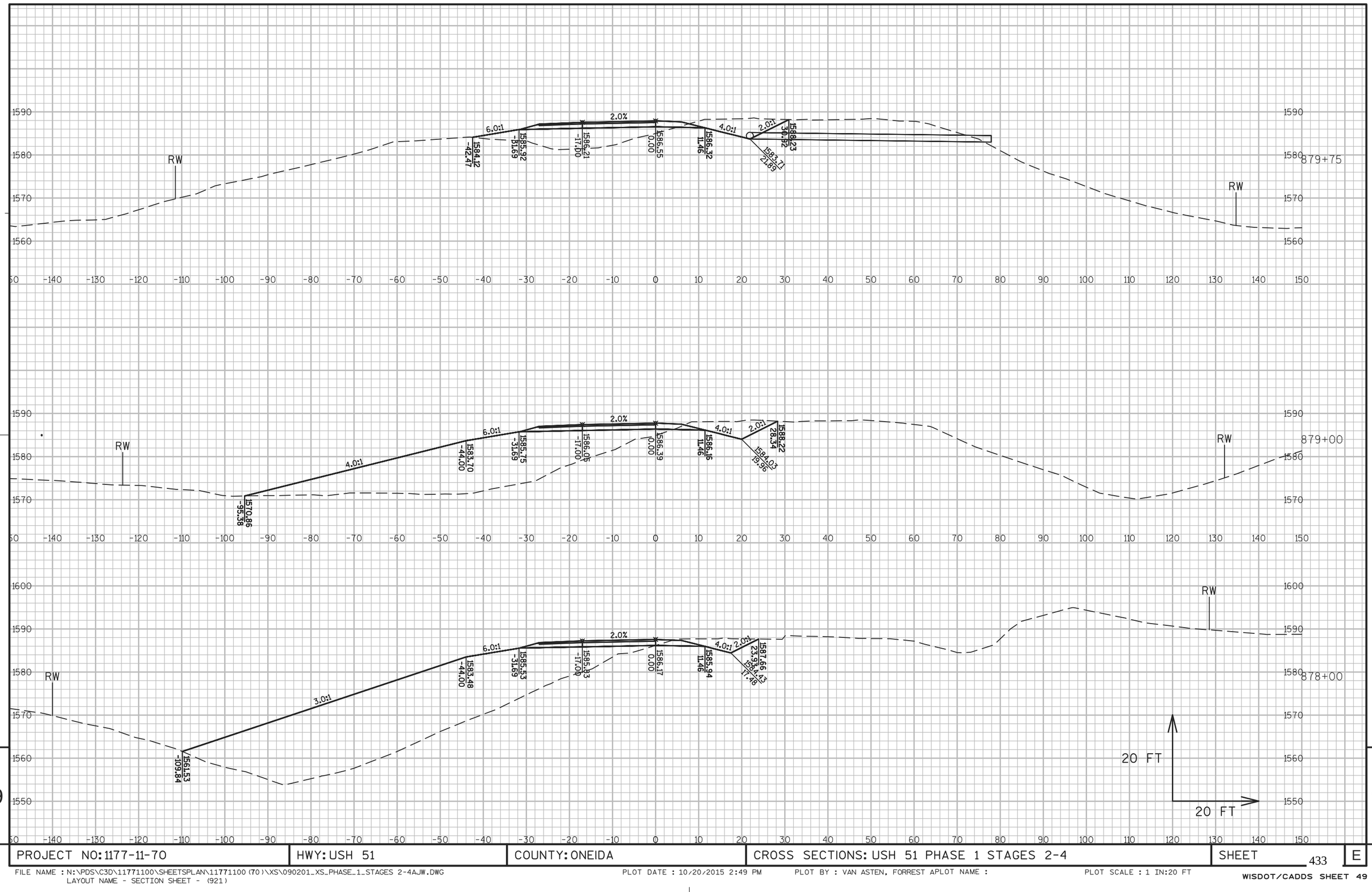


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 432	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (920)

PLOT DATE : 10/20/2015 2:47 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

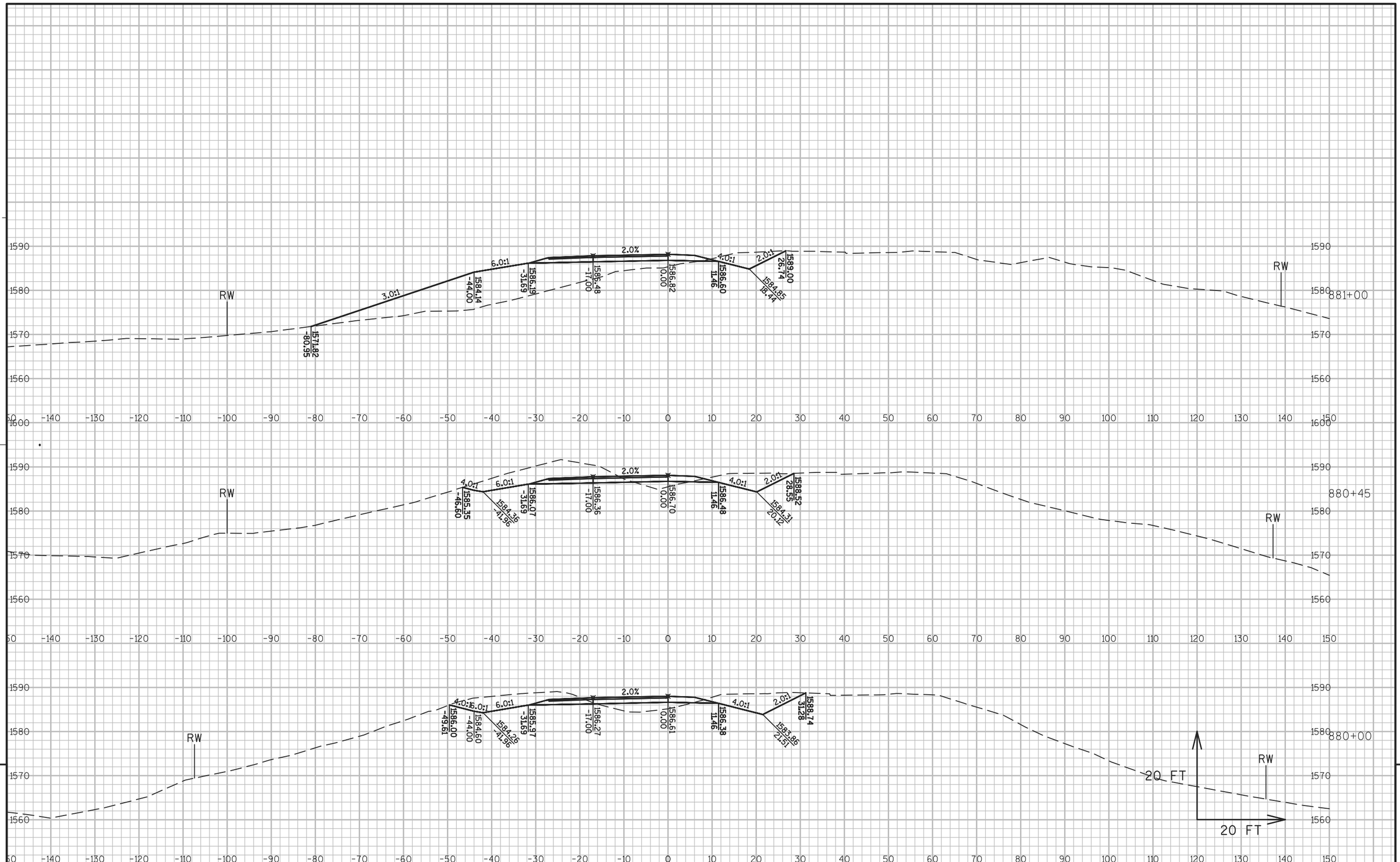


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 433	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (921)

PLOT DATE : 10/20/2015 2:49 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

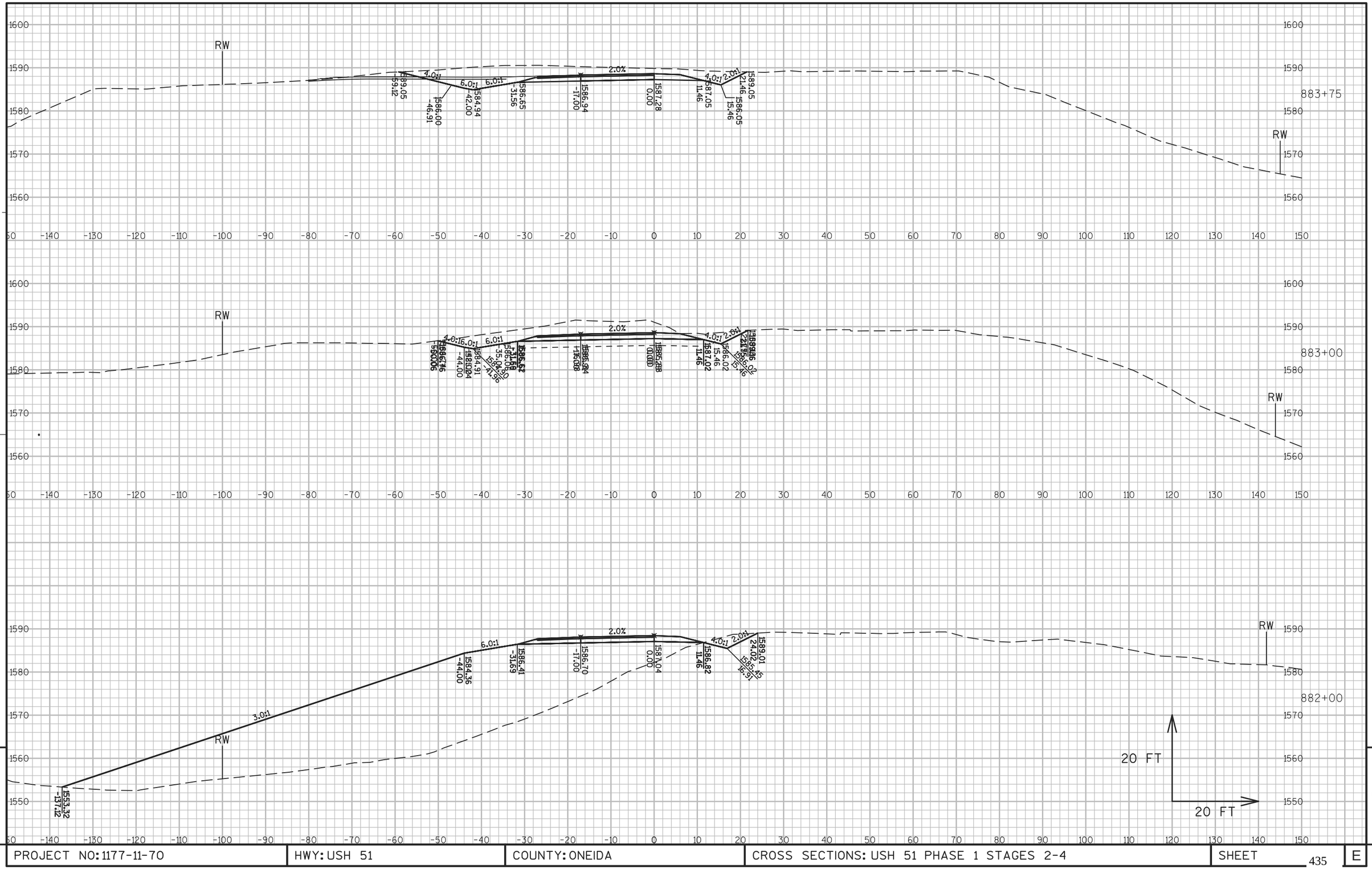


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 434	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (922)

PLOT DATE : 10/20/2015 2:51 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



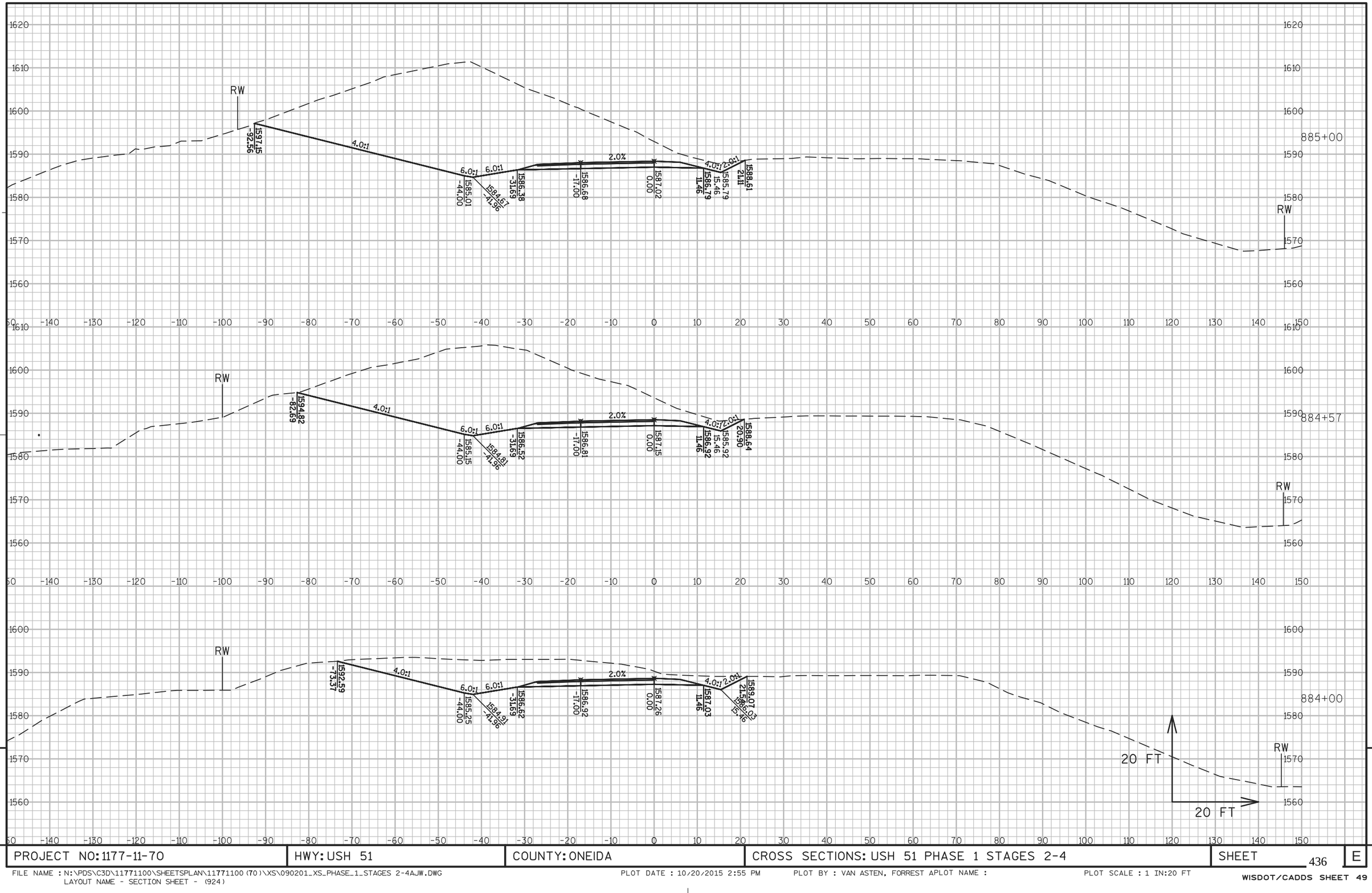
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 435	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (923)

PLOT DATE : 10/20/2015 2:53 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

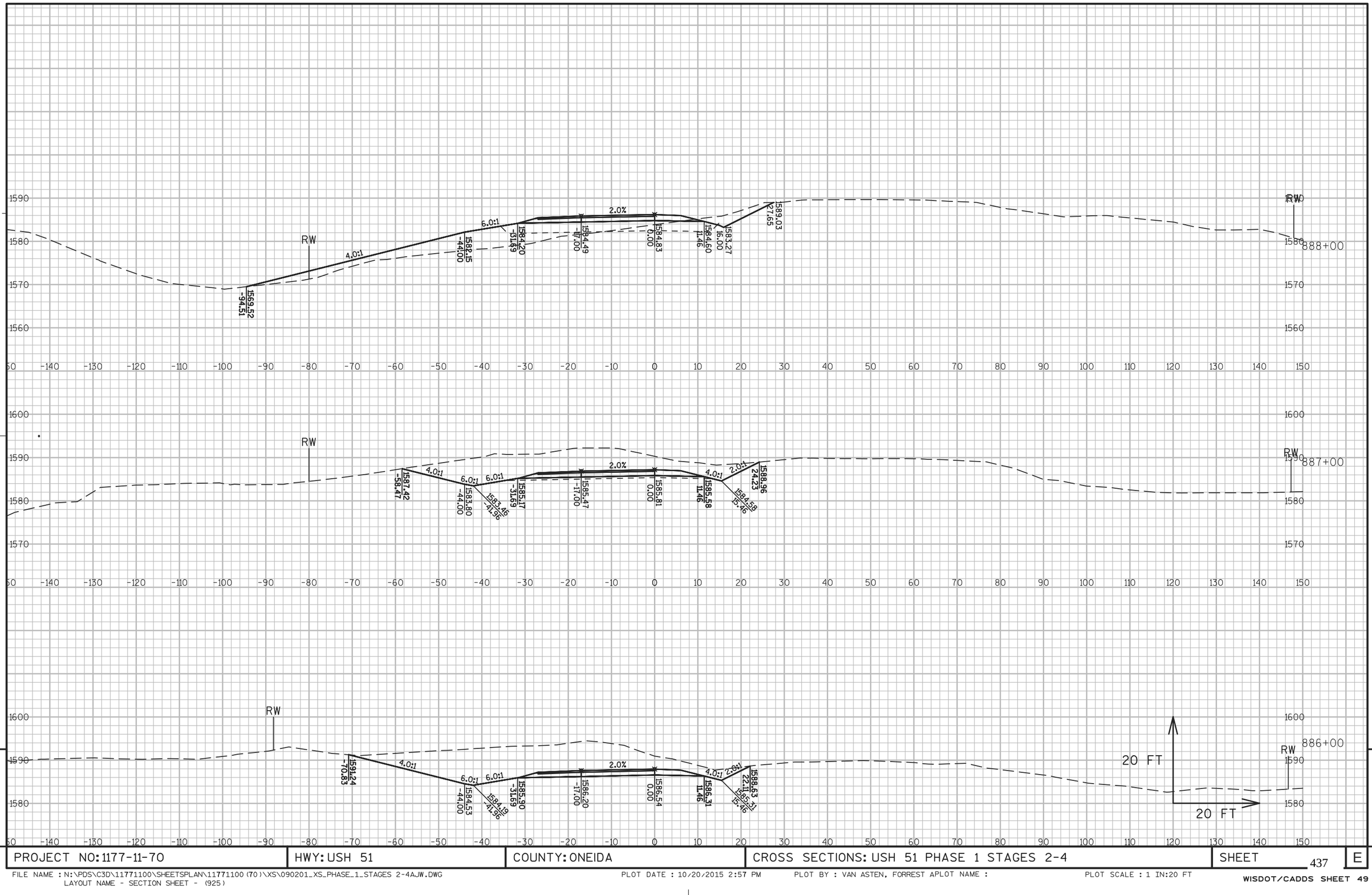
WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 436	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (924)

PLOT DATE : 10/20/2015 2:55 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



9

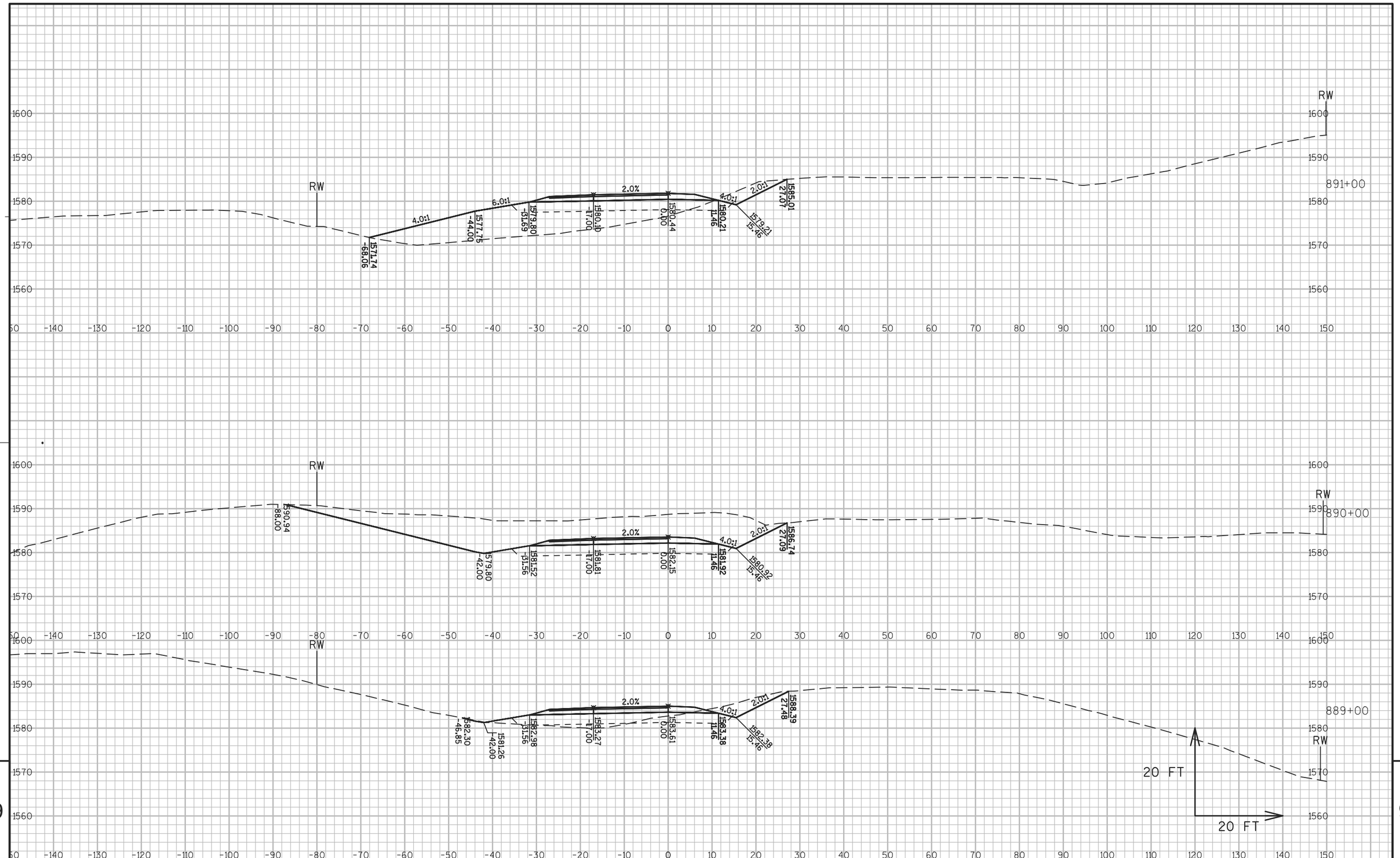
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 437	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (925)

PLOT DATE : 10/20/2015 2:57 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

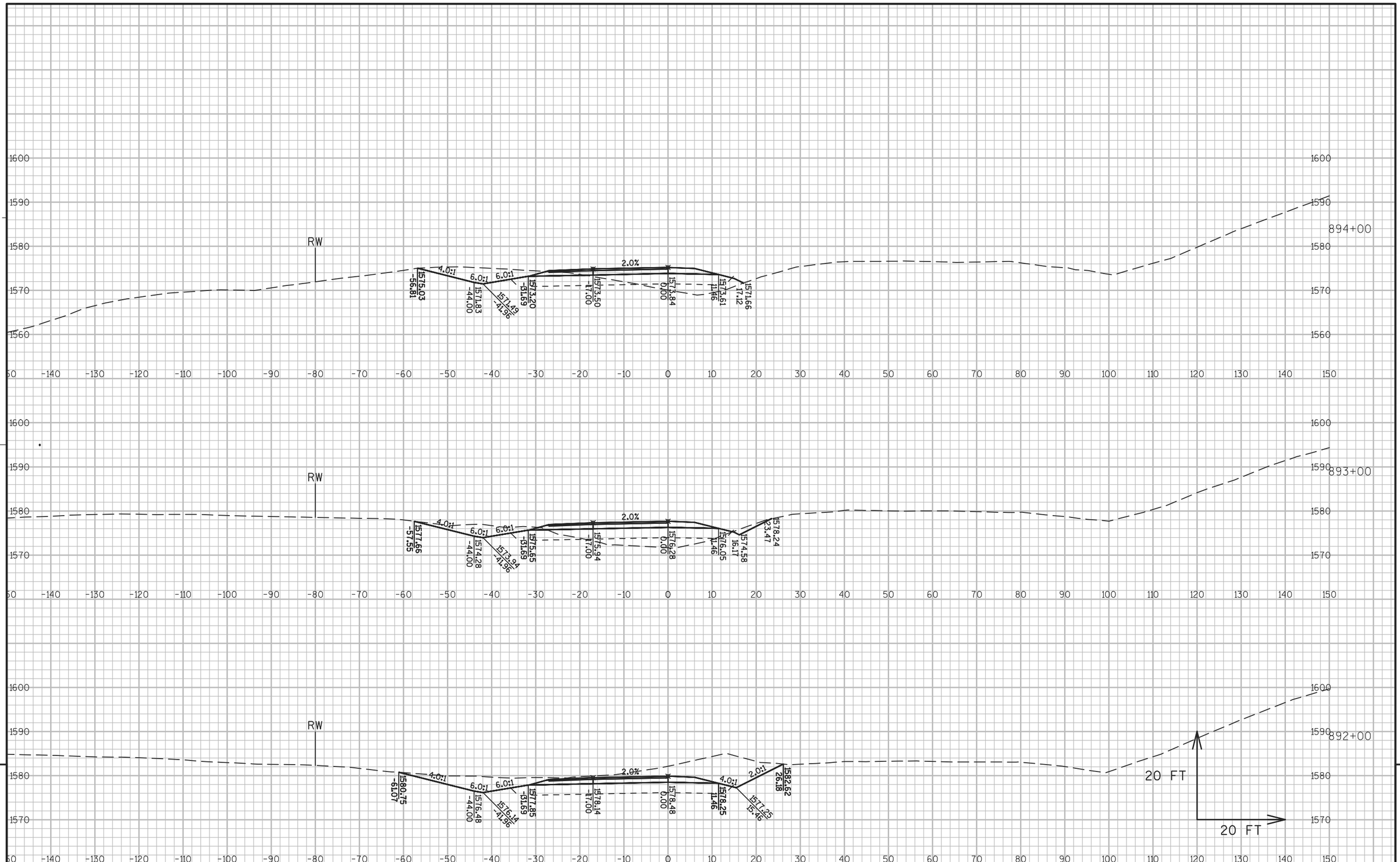
PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 438	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (926)

PLOT DATE : 10/20/2015 2:59 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

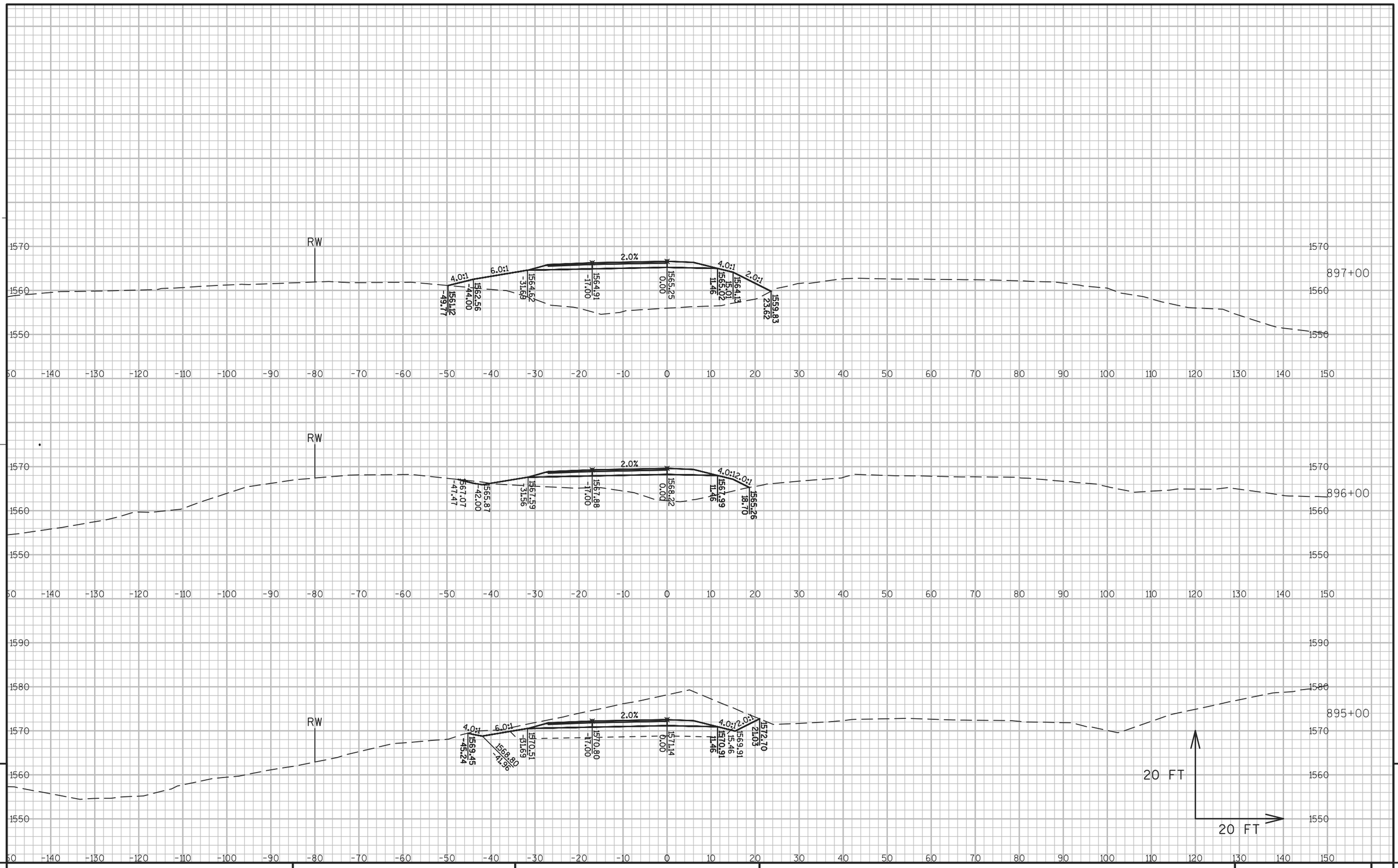


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 439 E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (927)

PLOT DATE : 10/20/2015 3:01 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



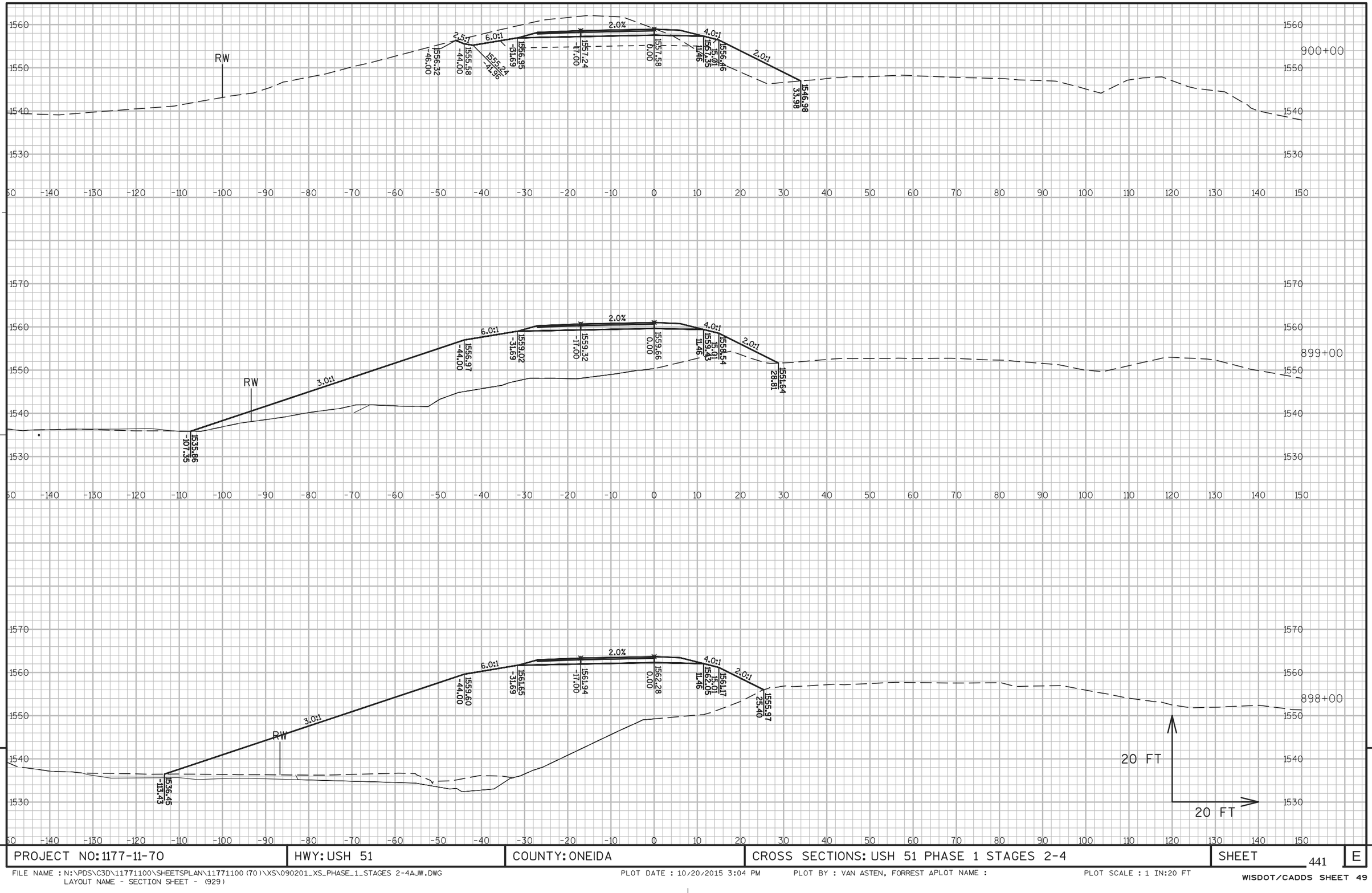
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 440	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (928)

PLOT DATE : 10/20/2015 3:02 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

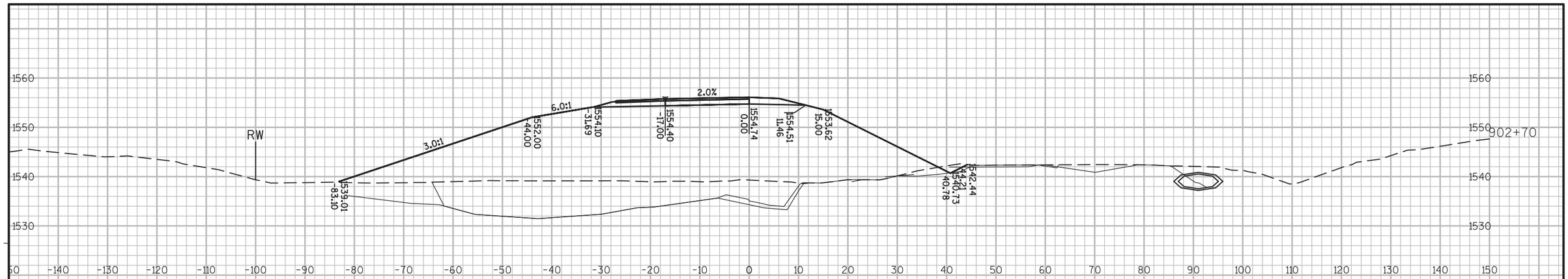
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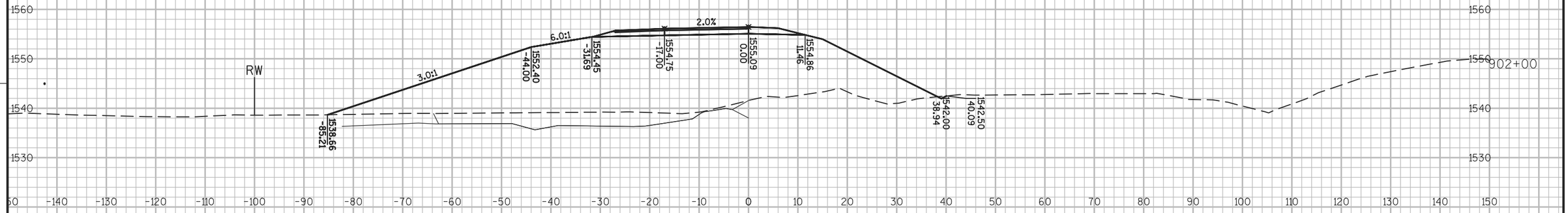
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 441	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (929)

PLOT DATE : 10/20/2015 3:04 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49







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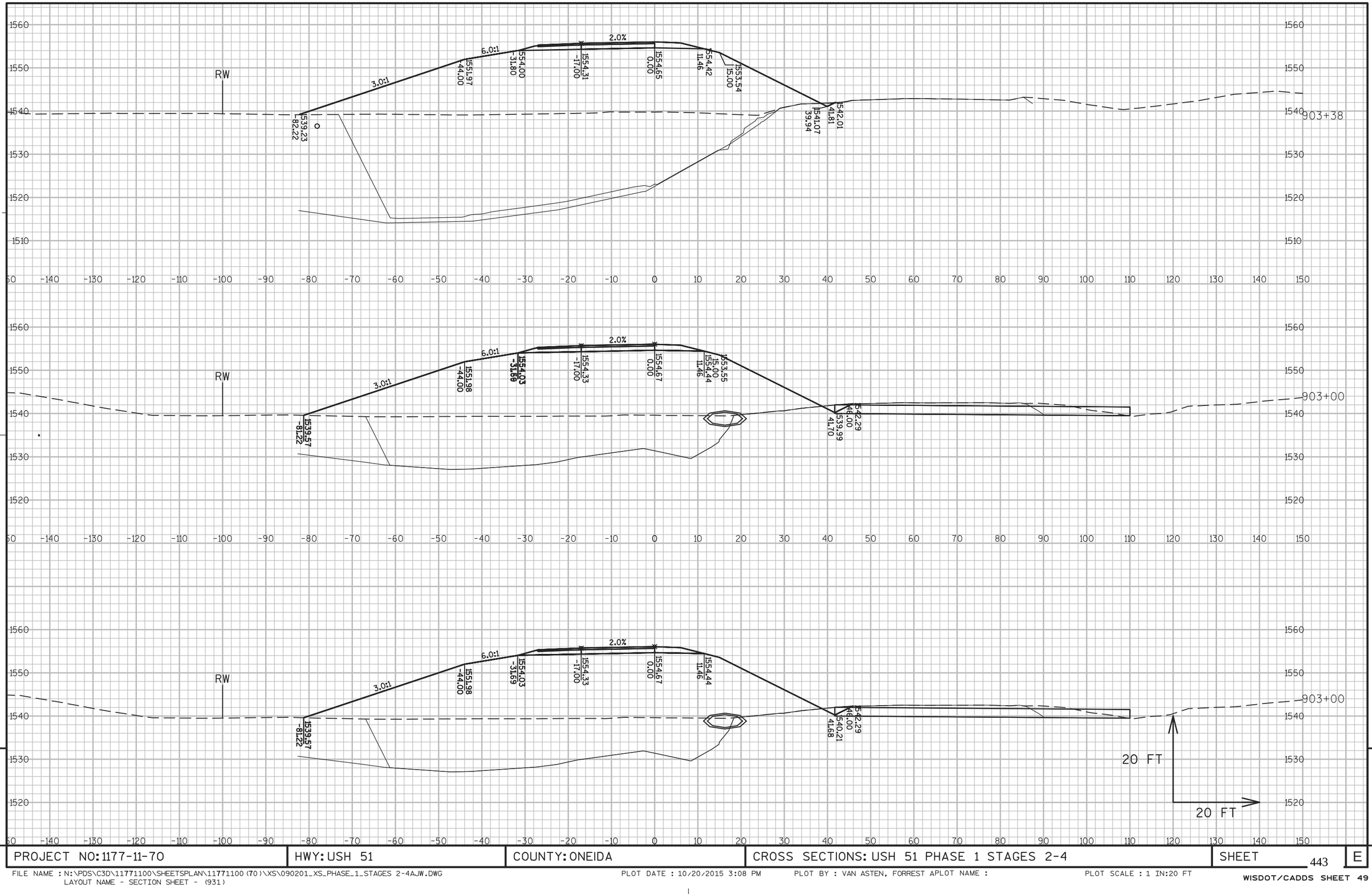
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 442	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (930)

PLOT DATE : 10/20/2015 3:06 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

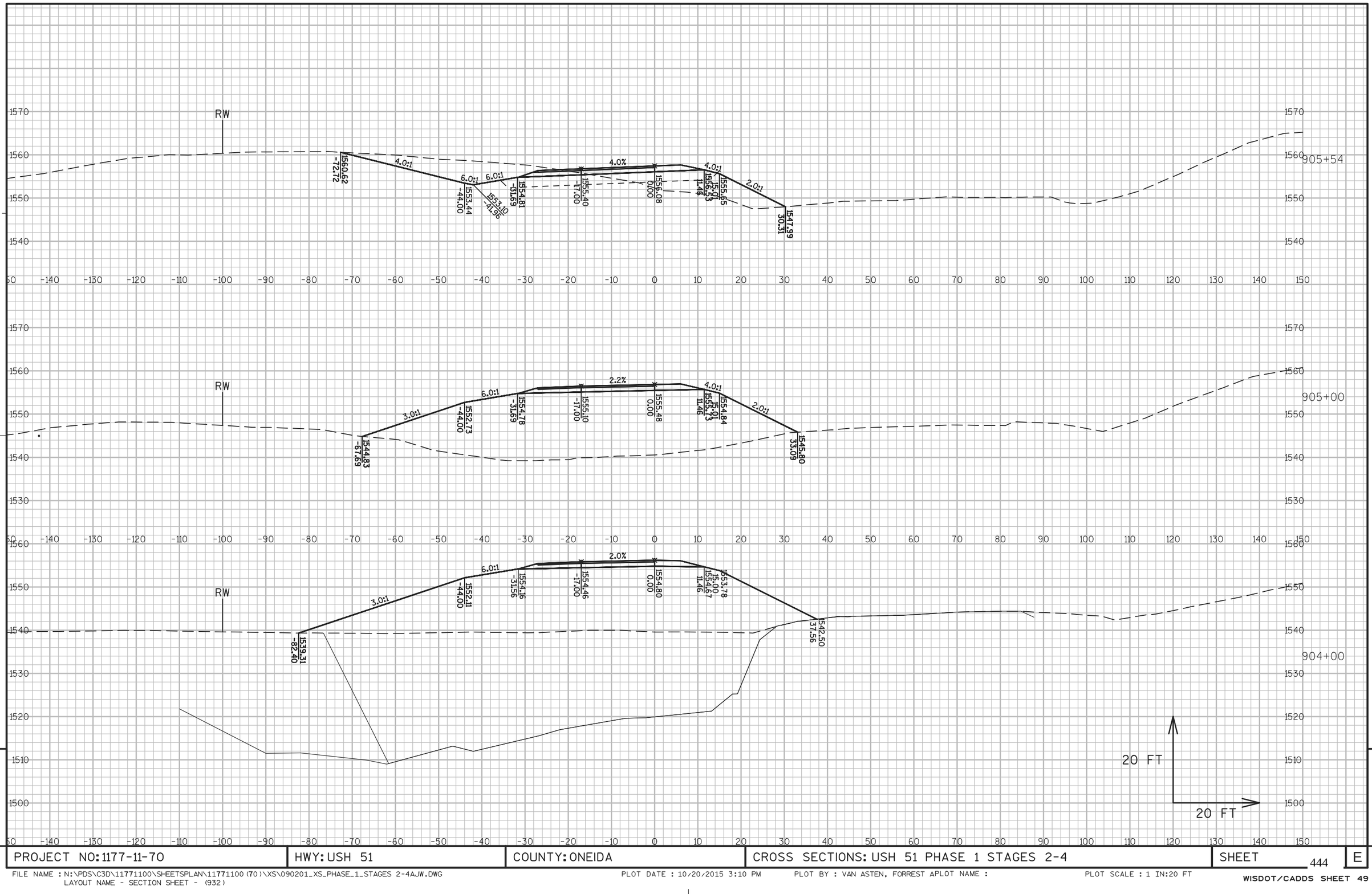


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 443	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (931)

PLOT DATE : 10/20/2015 3:08 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



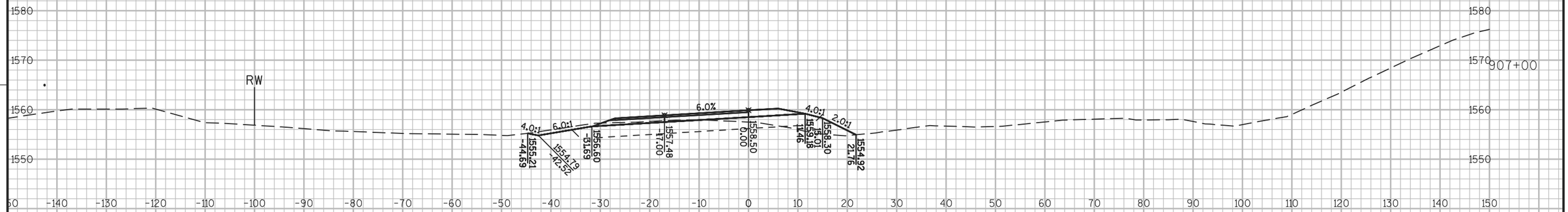
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 444	E

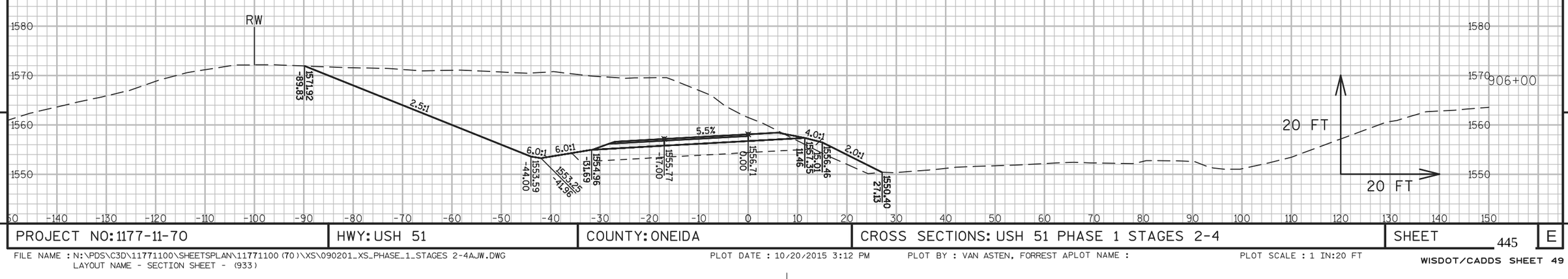
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (932)

PLOT DATE : 10/20/2015 3:10 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





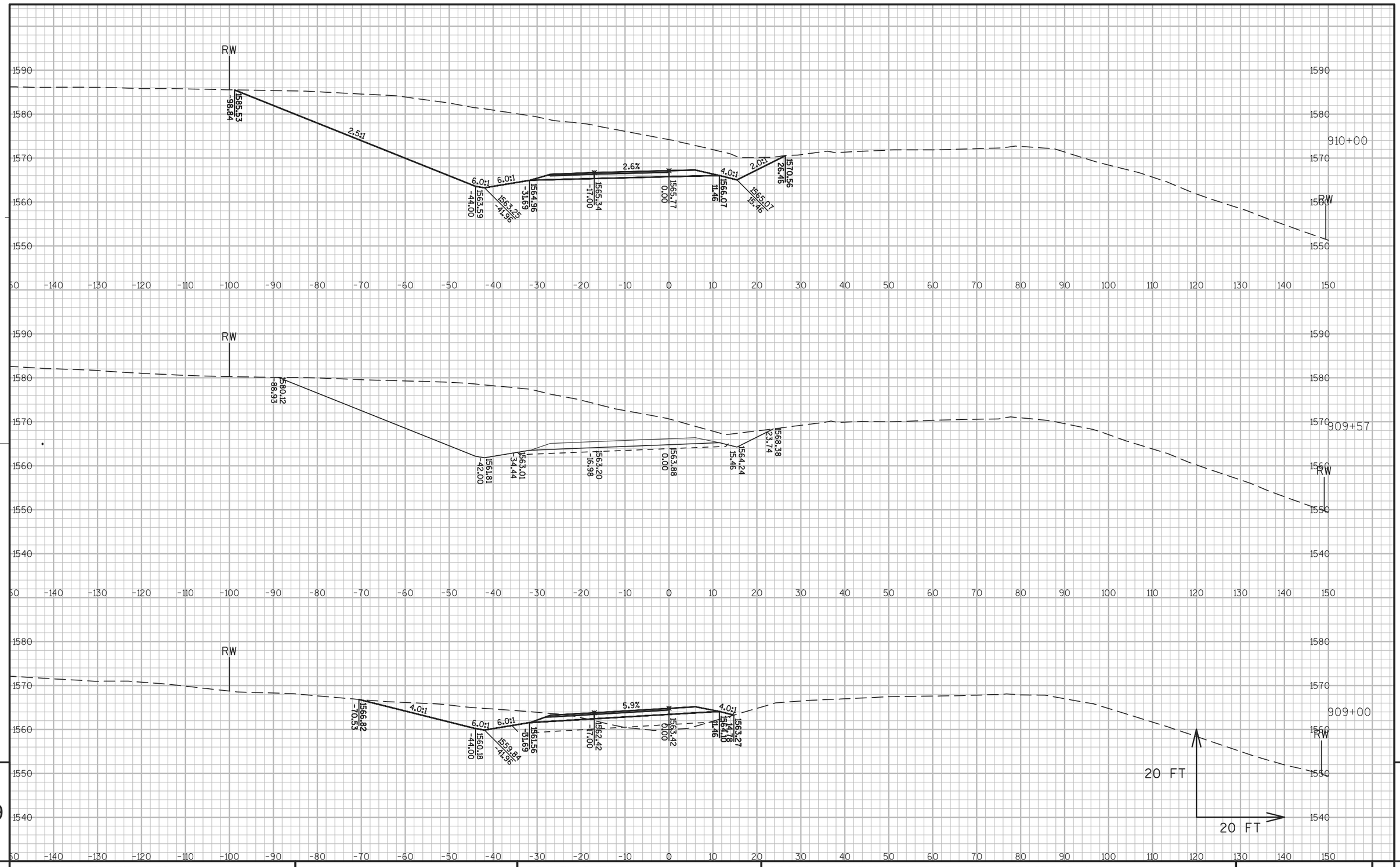


9

9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 445	E

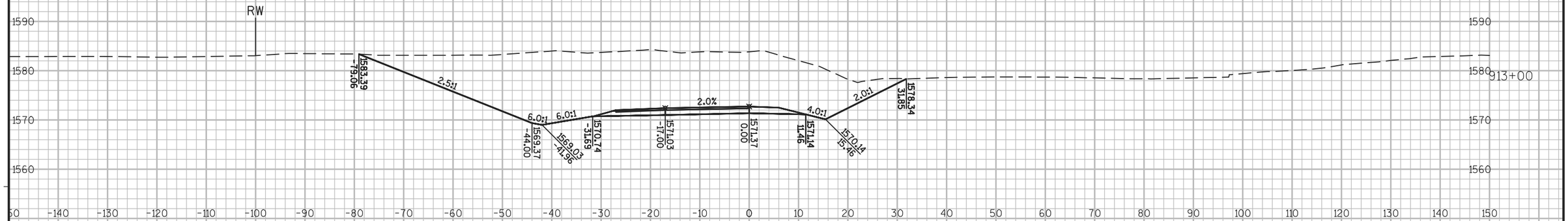
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (933)
PLOT DATE : 10/20/2015 3:12 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

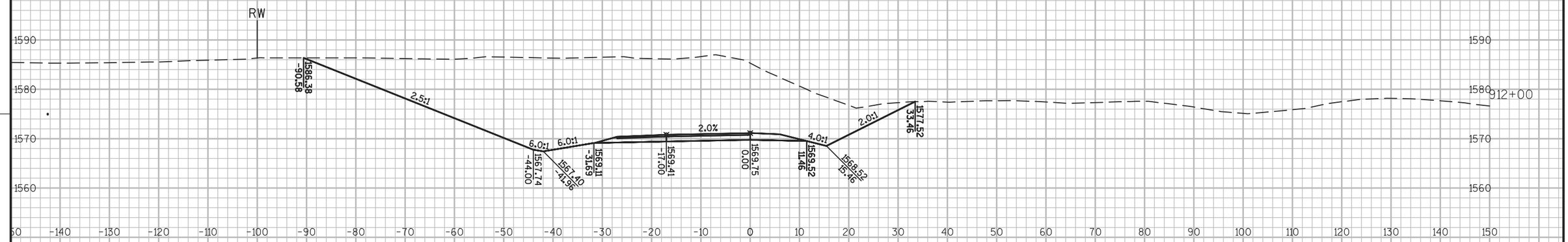


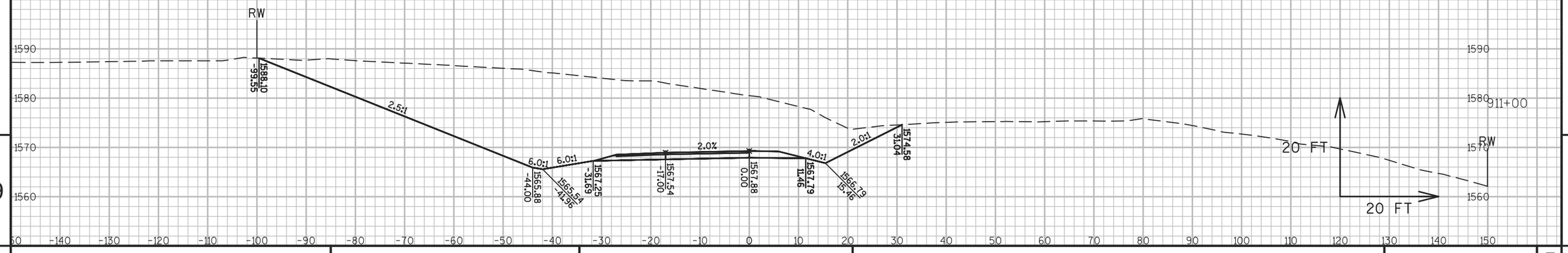
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 446	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (934)

PLOT DATE : 10/20/2015 3:14 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT







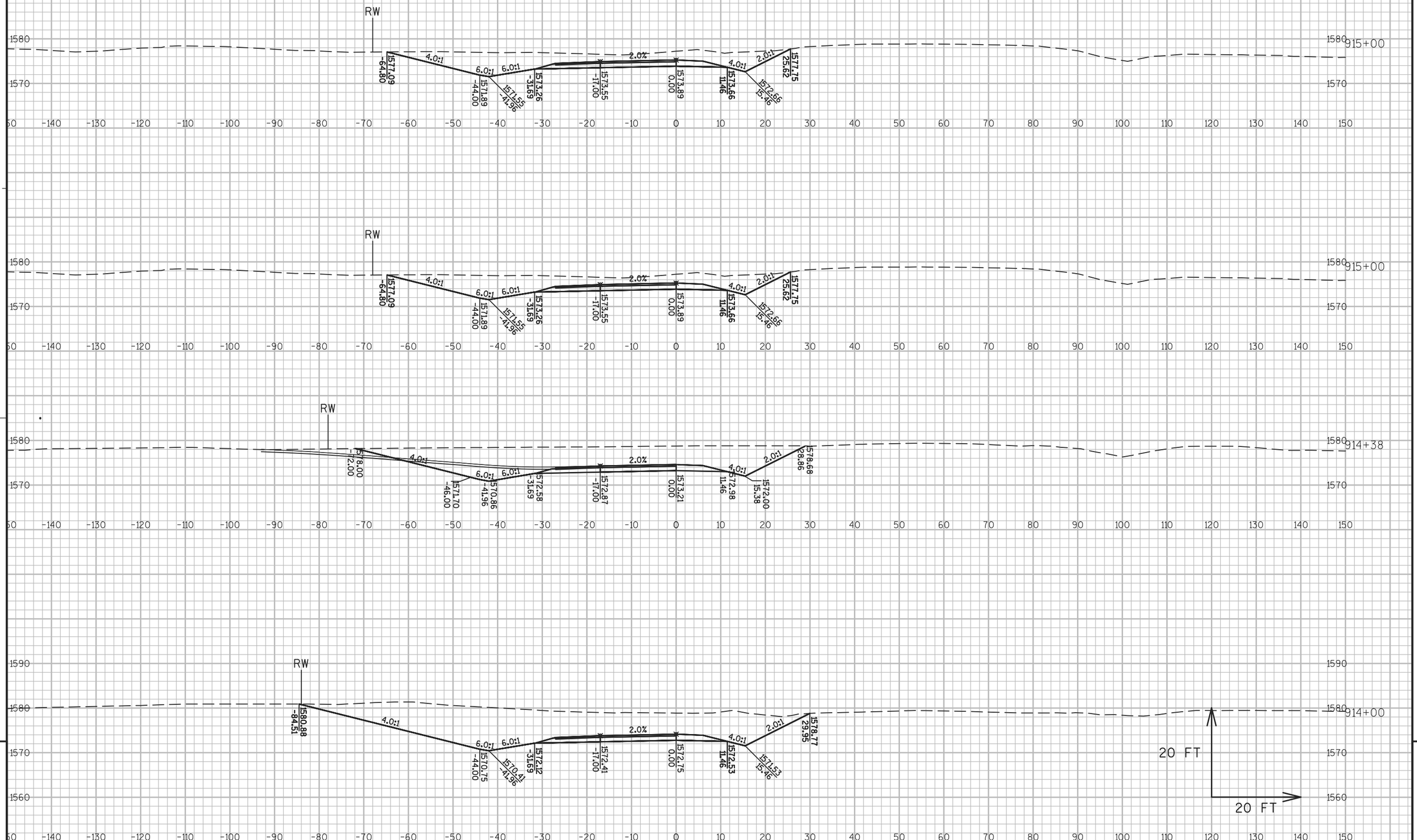
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 447	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (935)

PLOT DATE : 10/20/2015 3:15 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



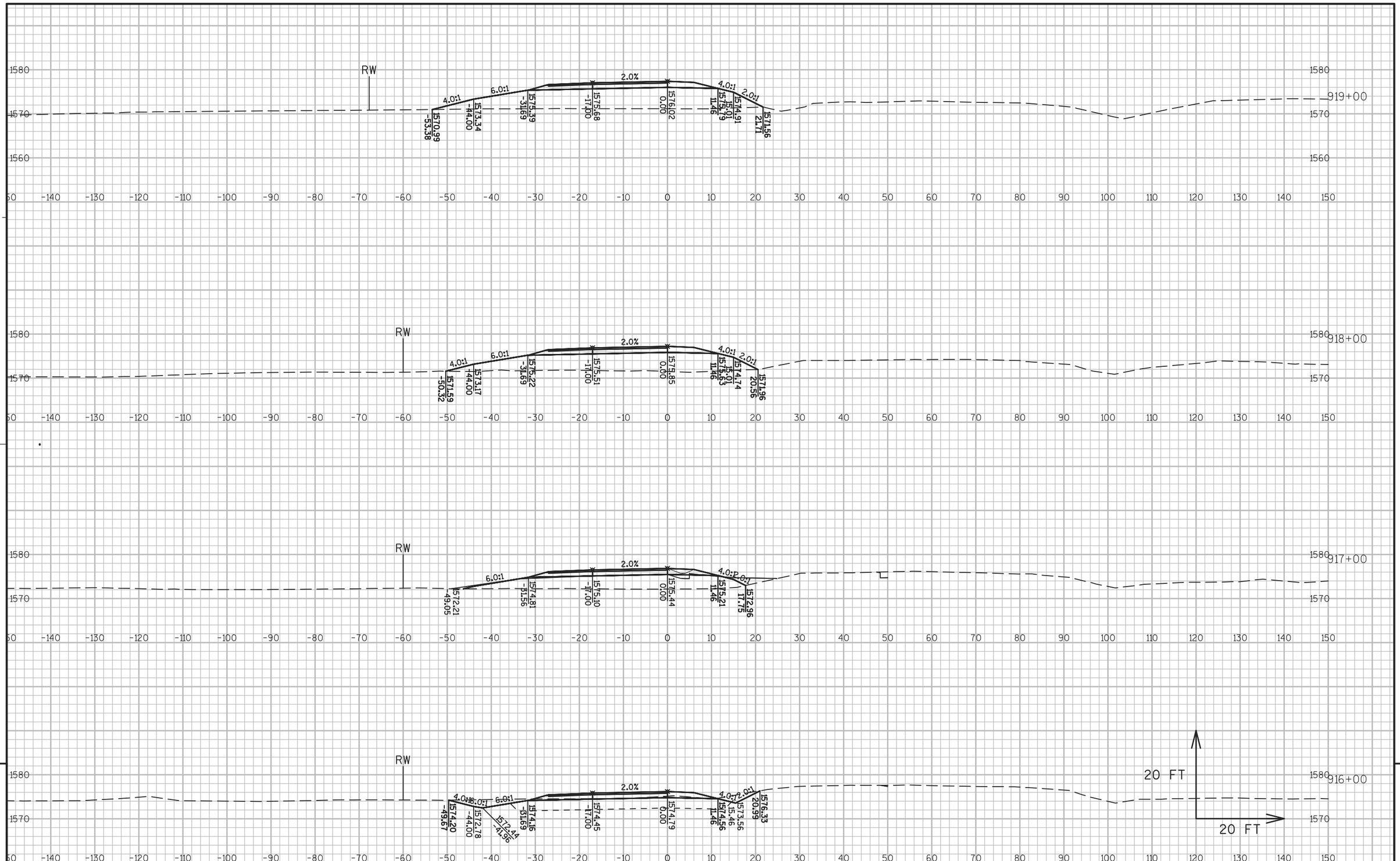
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 448	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (936)

PLOT DATE : 10/20/2015 3:17 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

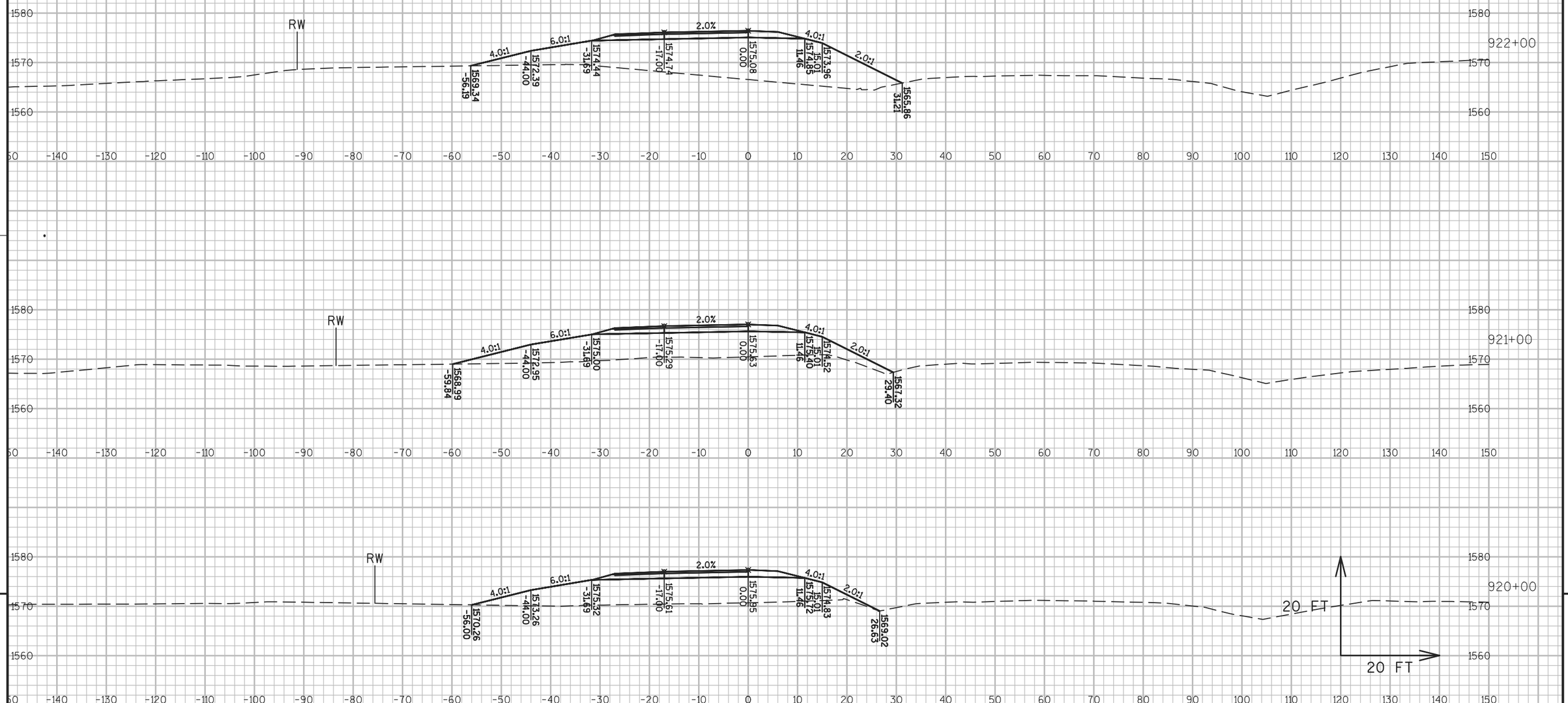


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 449	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (937)

PLOT DATE : 10/20/2015 3:19 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

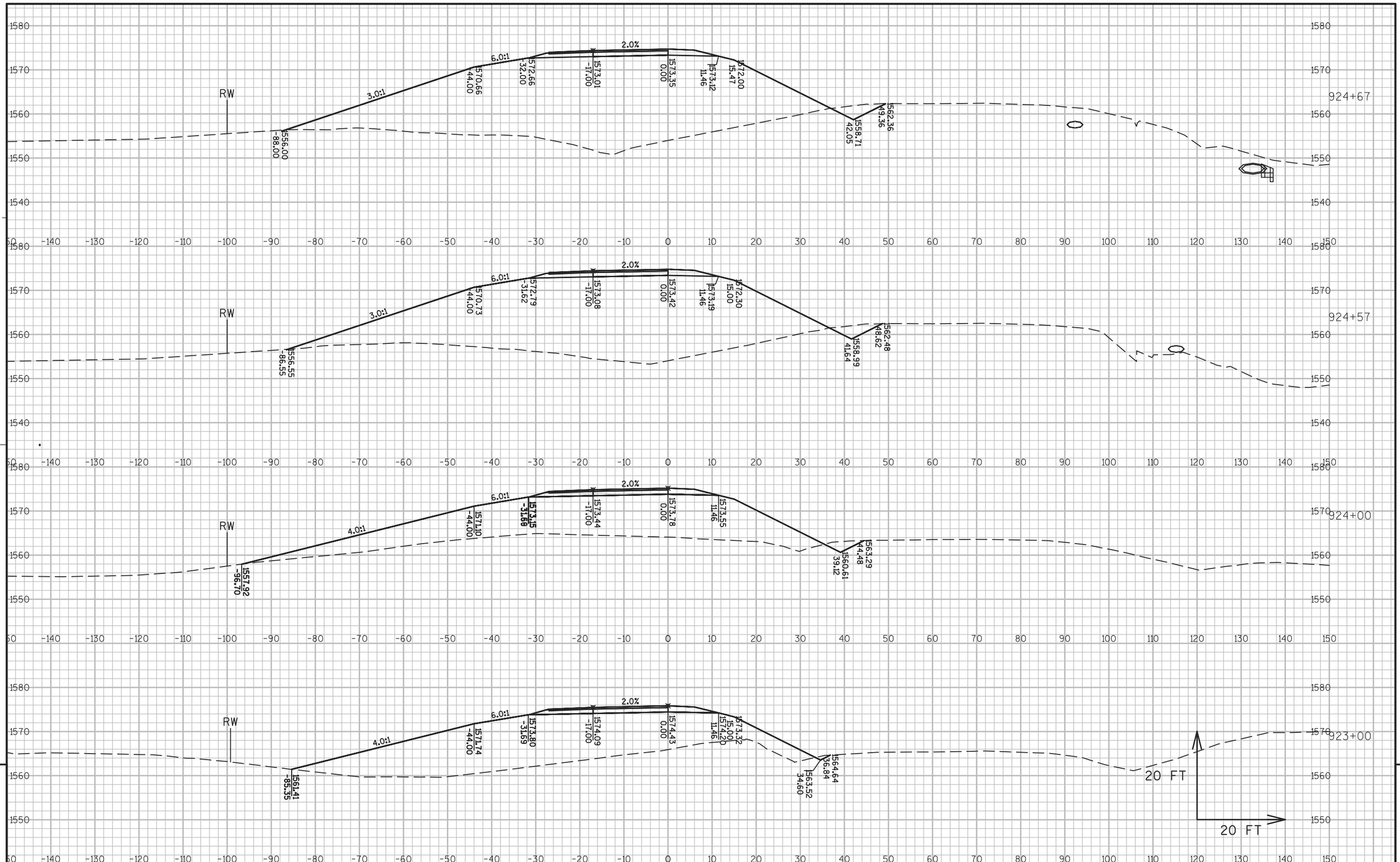


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 450 E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (938)

PLOT DATE : 10/20/2015 3:21 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

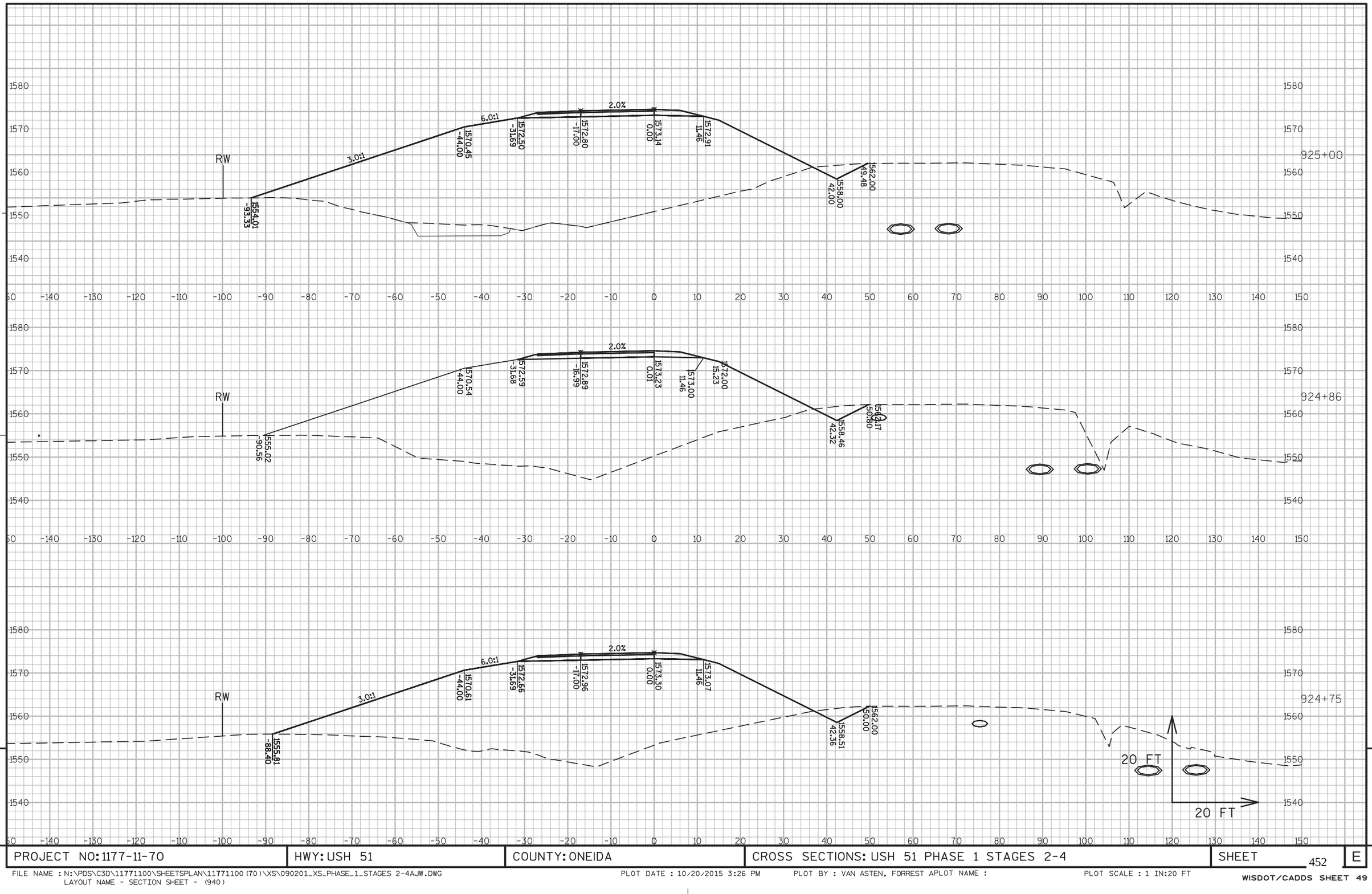


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 451	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (939)

PLOT DATE : 10/20/2015 3:23 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

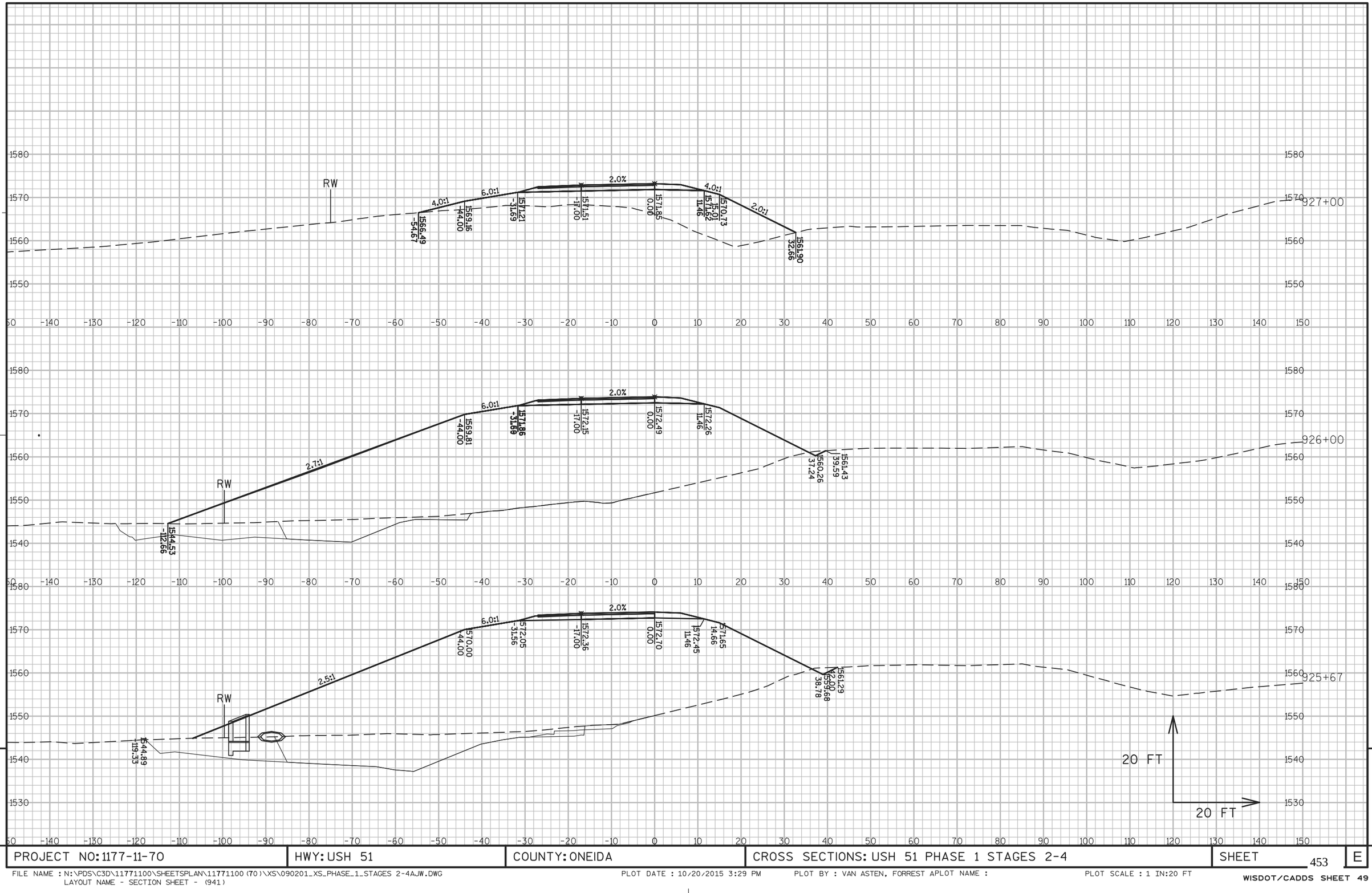


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 452	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (940)

PLOT DATE : 10/20/2015 3:26 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

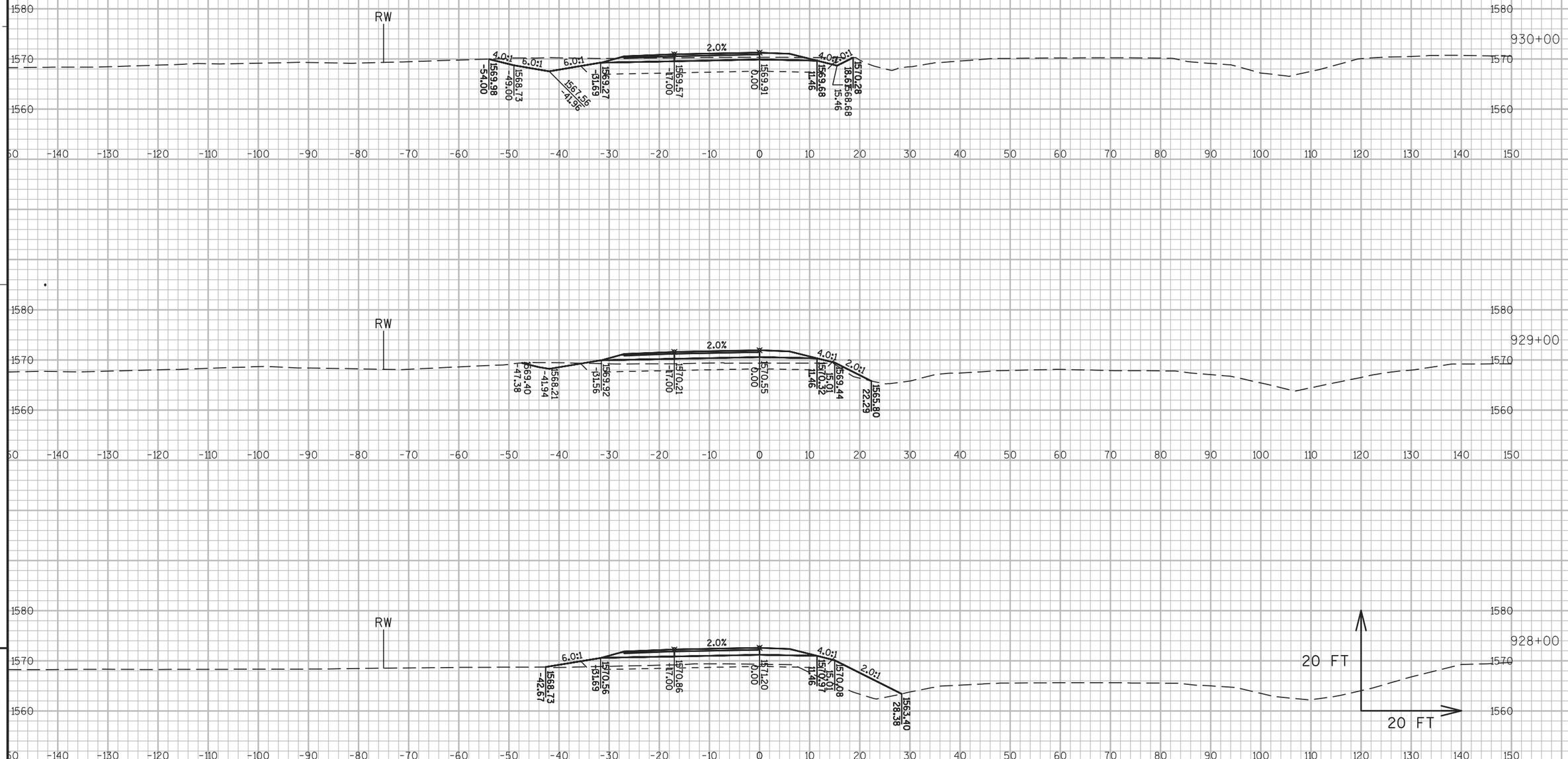


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 453	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (941)

PLOT DATE : 10/20/2015 3:29 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

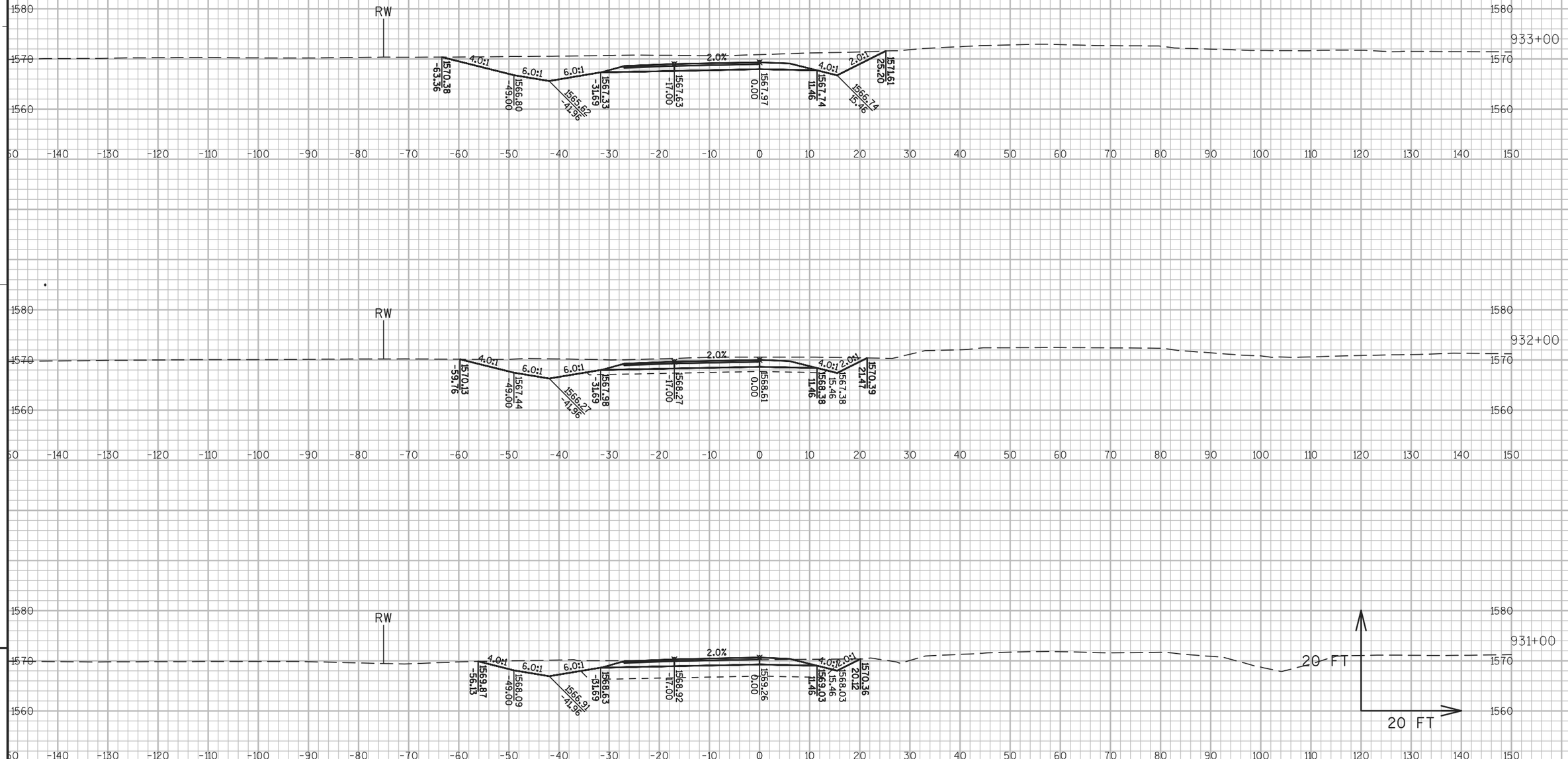


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 454	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (942)

PLOT DATE : 10/20/2015 3:32 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



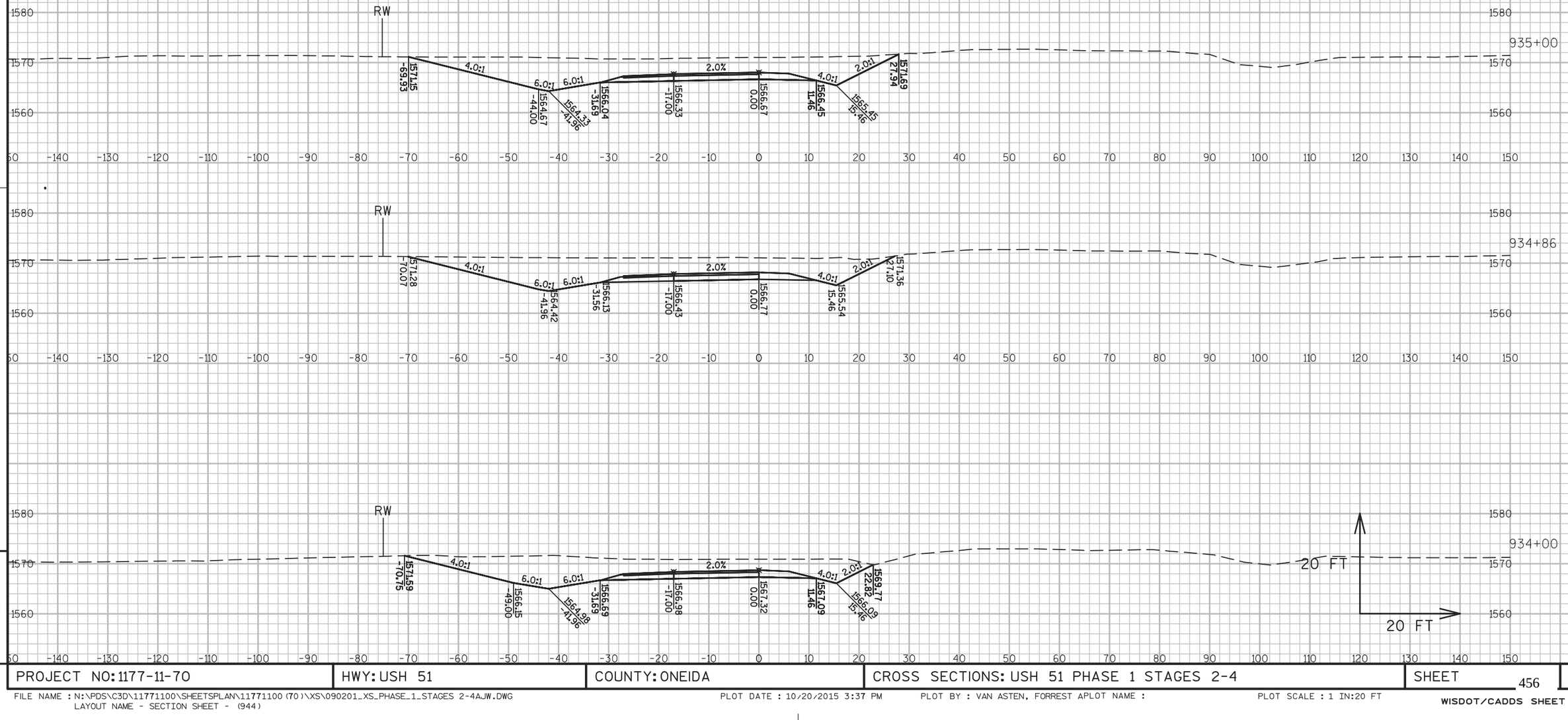
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9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 455	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (943)

PLOT DATE : 10/20/2015 3:34 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



9

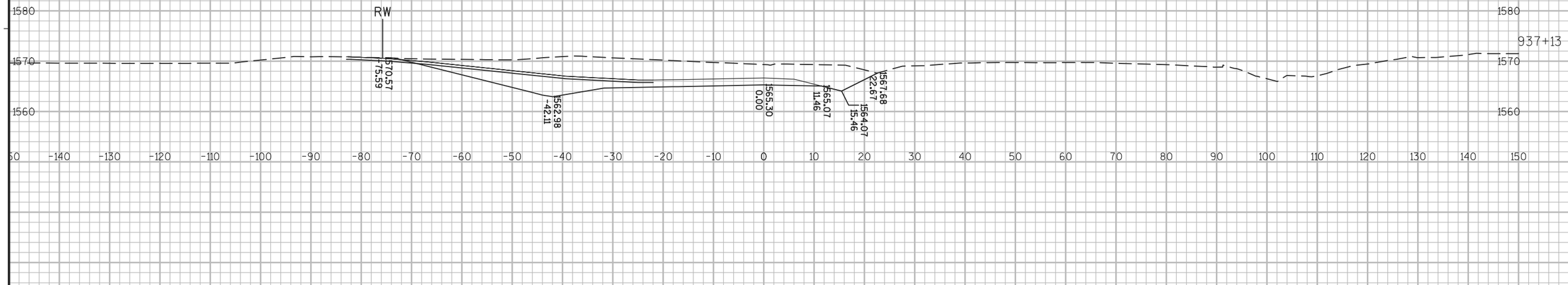
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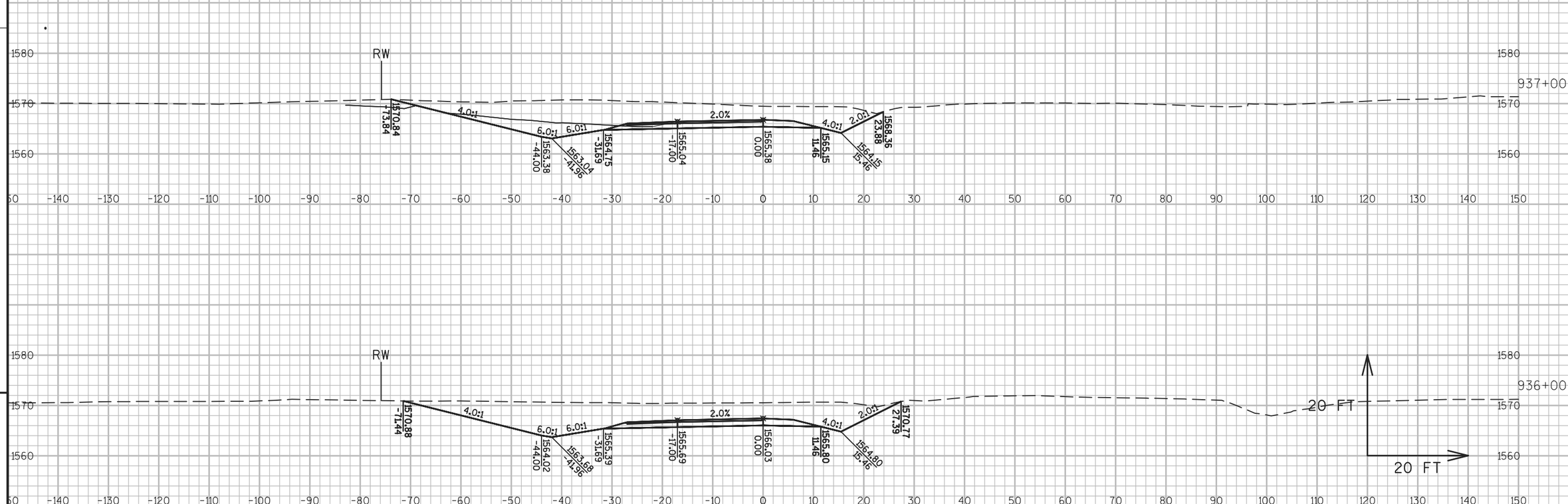
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 456	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (944)

PLOT DATE : 10/20/2015 3:37 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





9

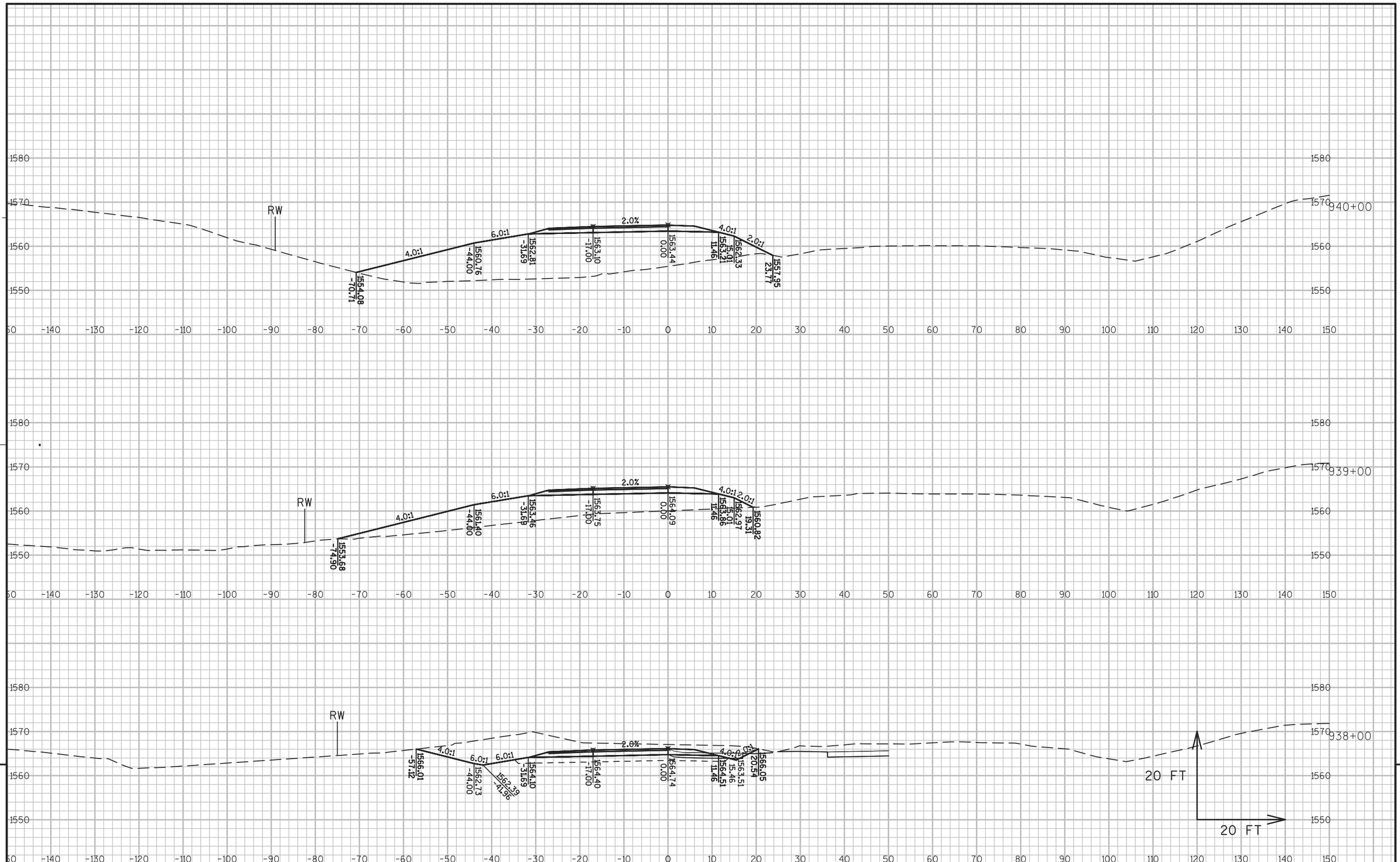
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 457	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (945)

PLOT DATE : 10/20/2015 3:39 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

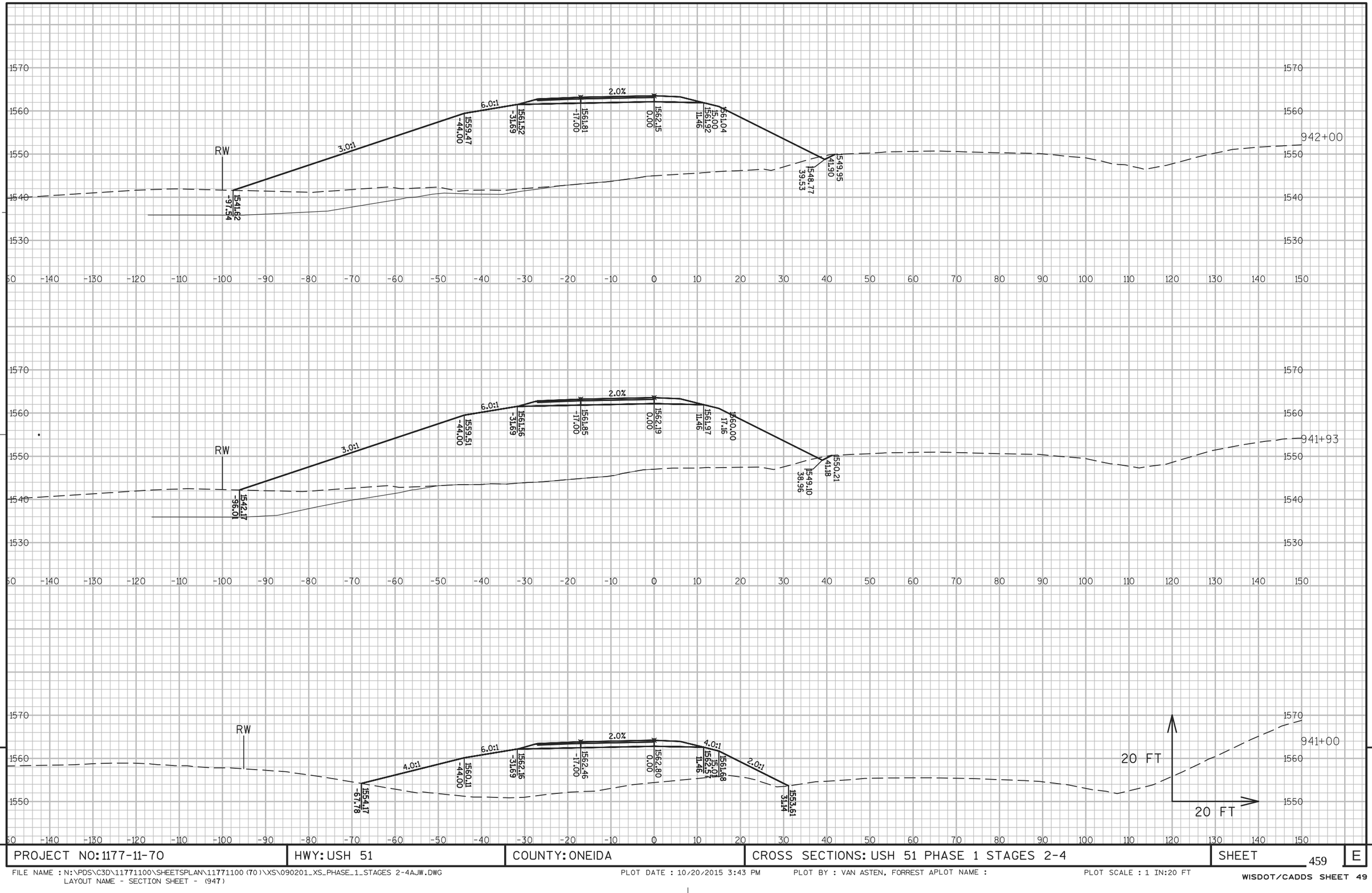


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 458	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (946)

PLOT DATE : 10/20/2015 3:41 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

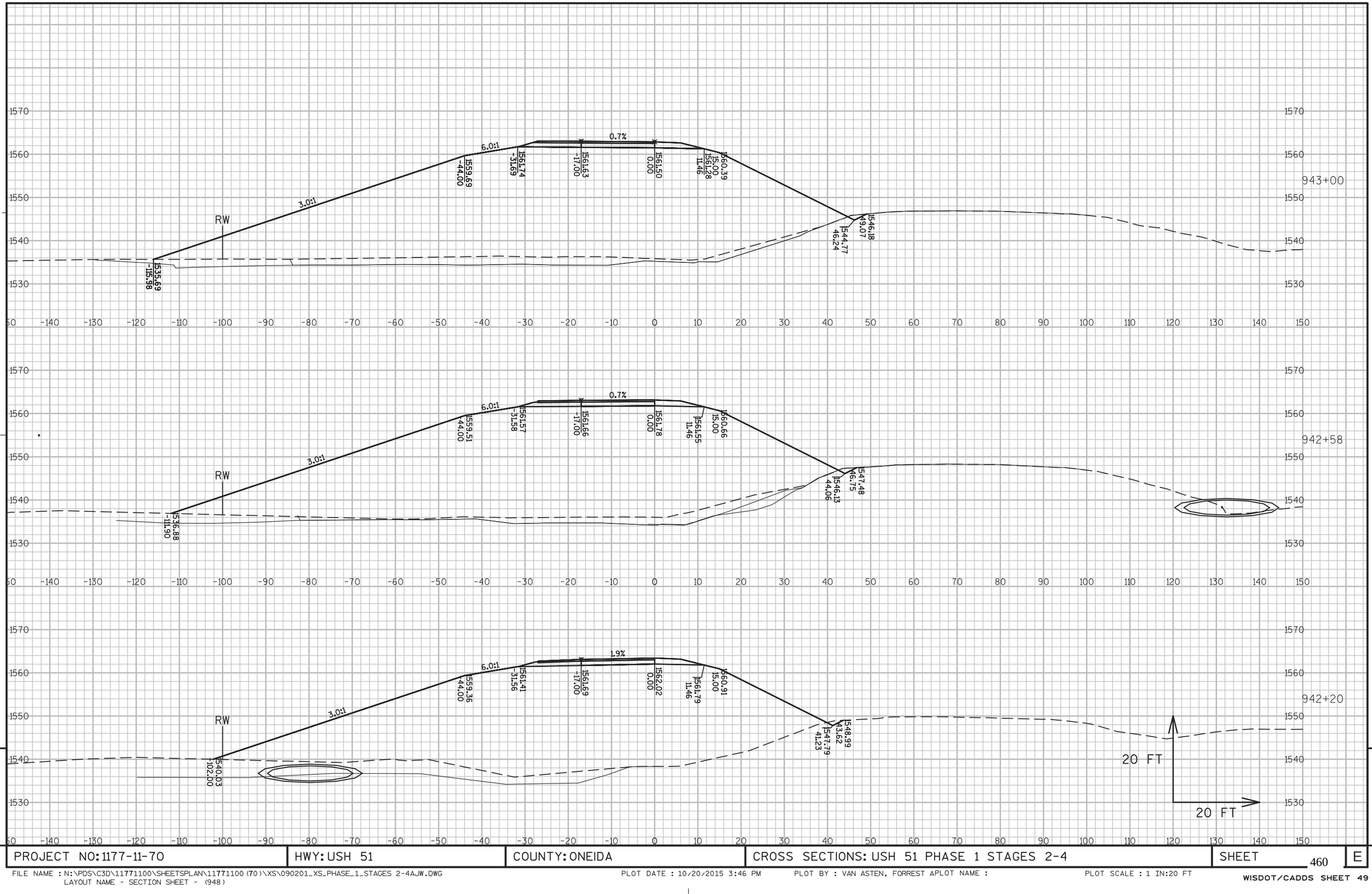


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 459	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (947)

PLOT DATE : 10/20/2015 3:43 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



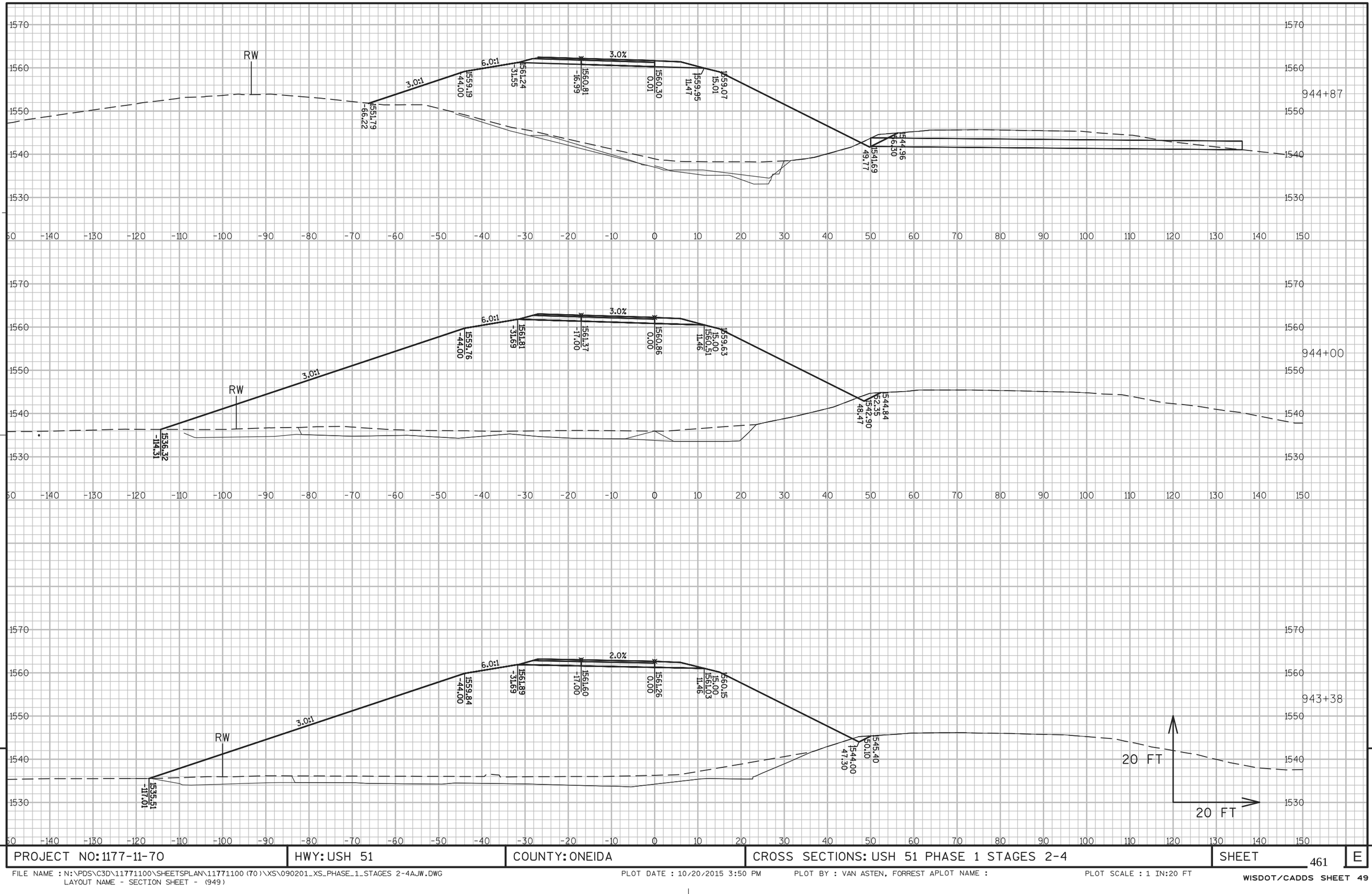
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 460	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (948)

PLOT DATE : 10/20/2015 3:46 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

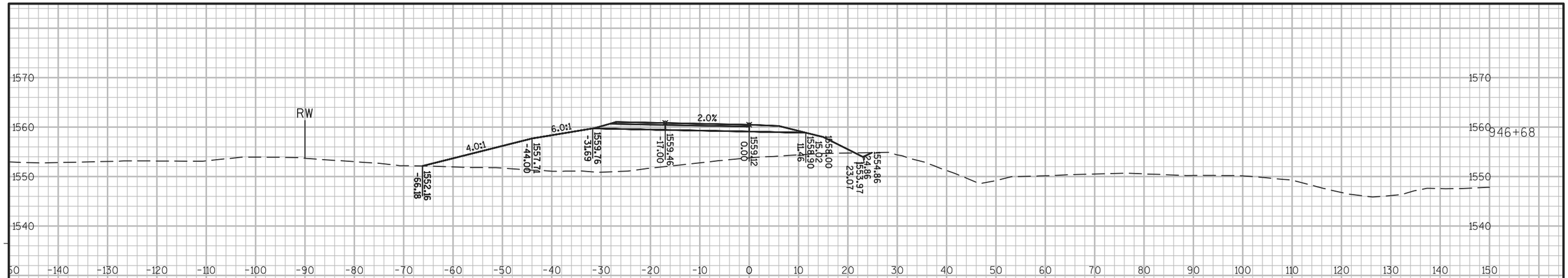


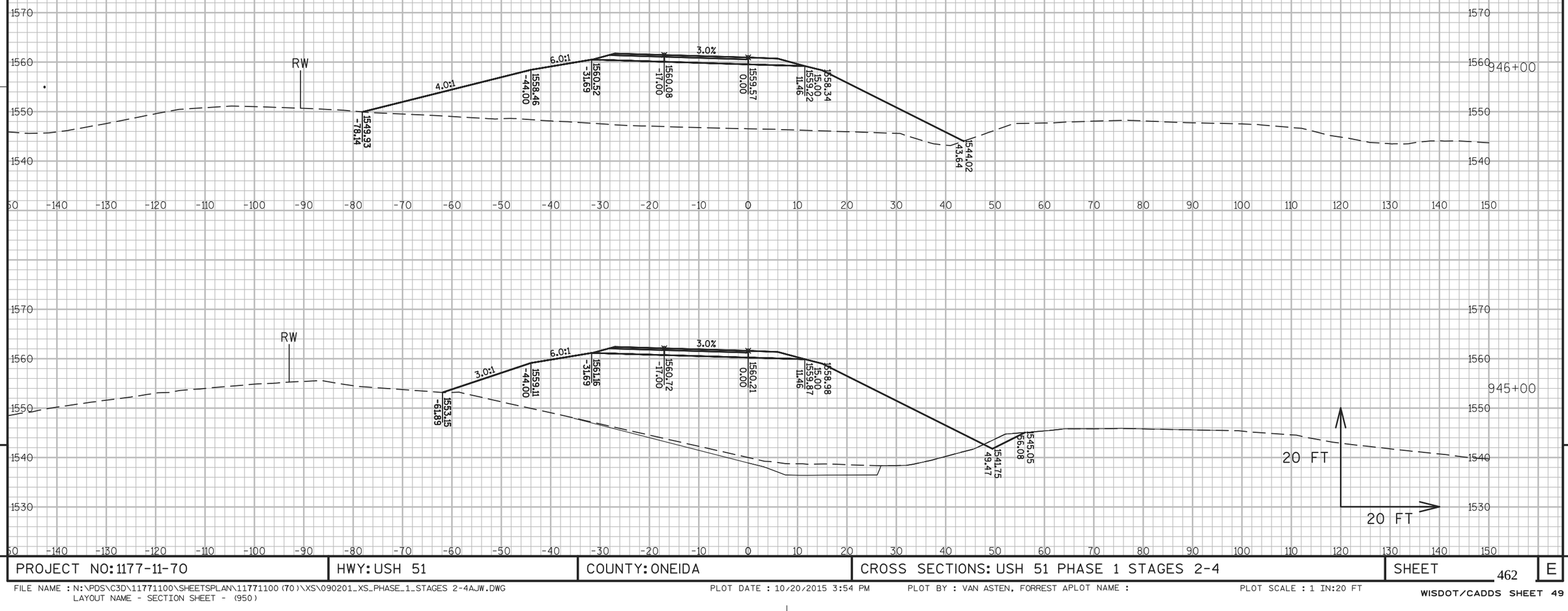
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 461	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (949)

PLOT DATE : 10/20/2015 3:50 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



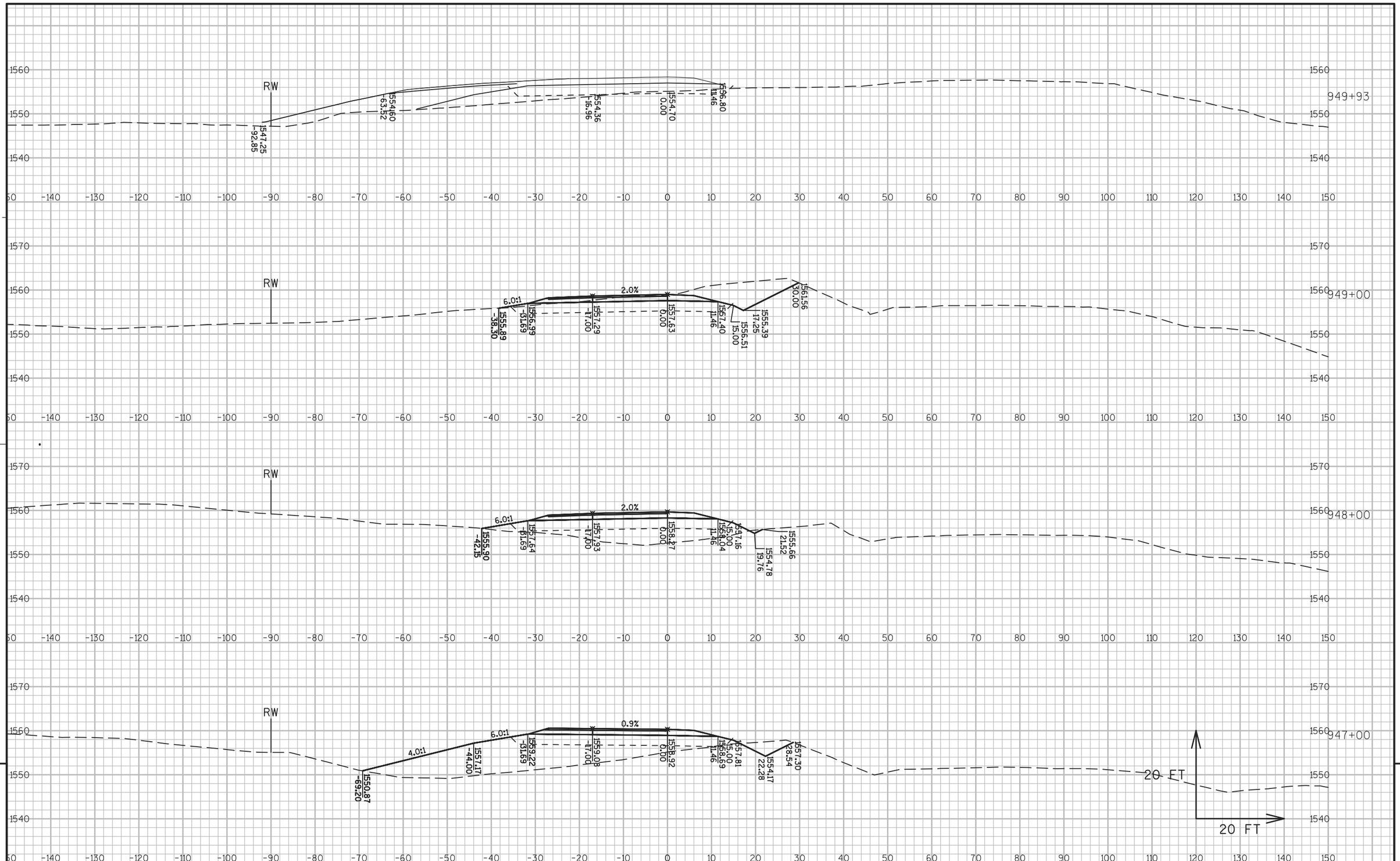


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 462	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (950)

PLOT DATE : 10/20/2015 3:54 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

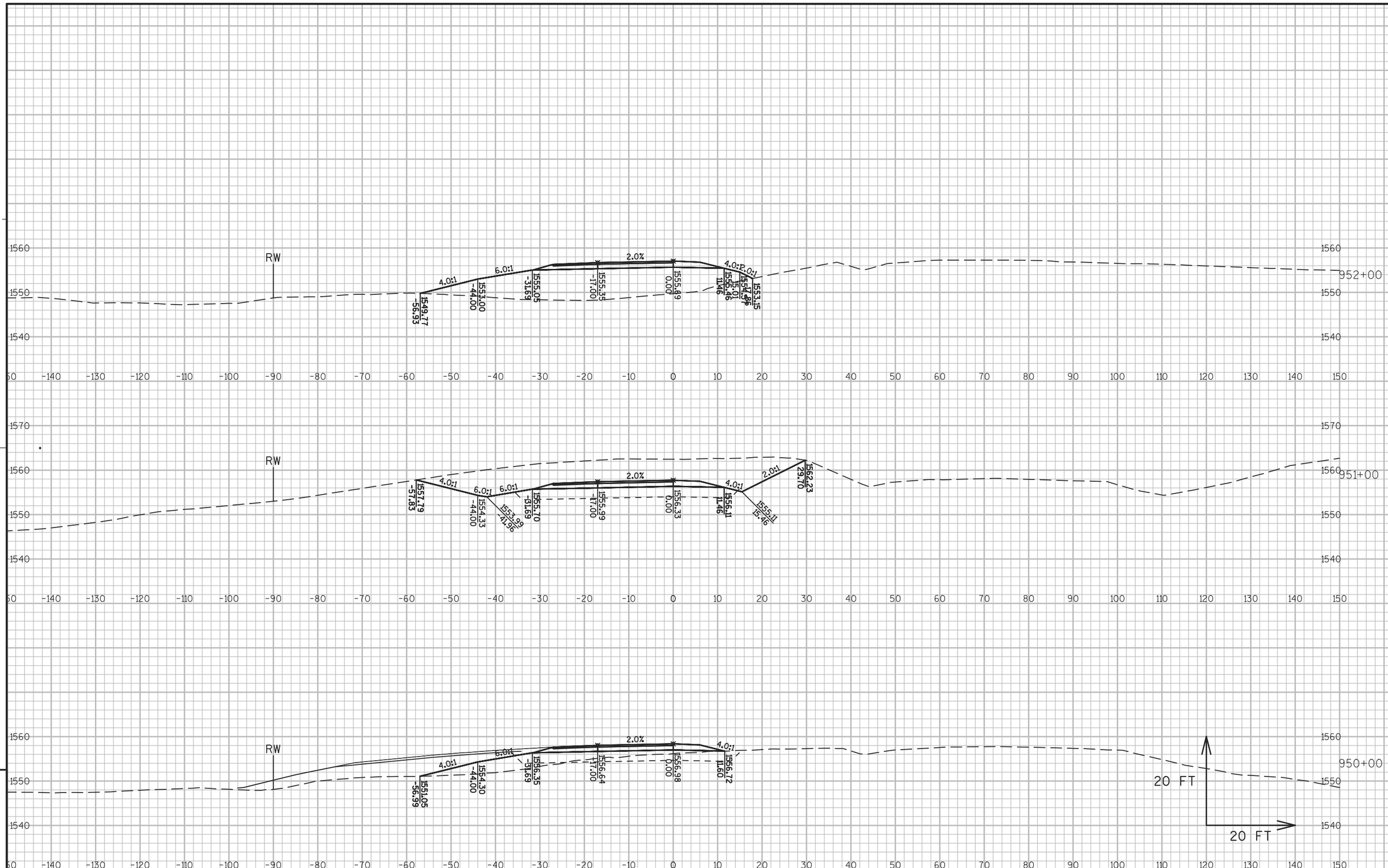


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 463	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (951)

PLOT DATE : 10/20/2015 3:56 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

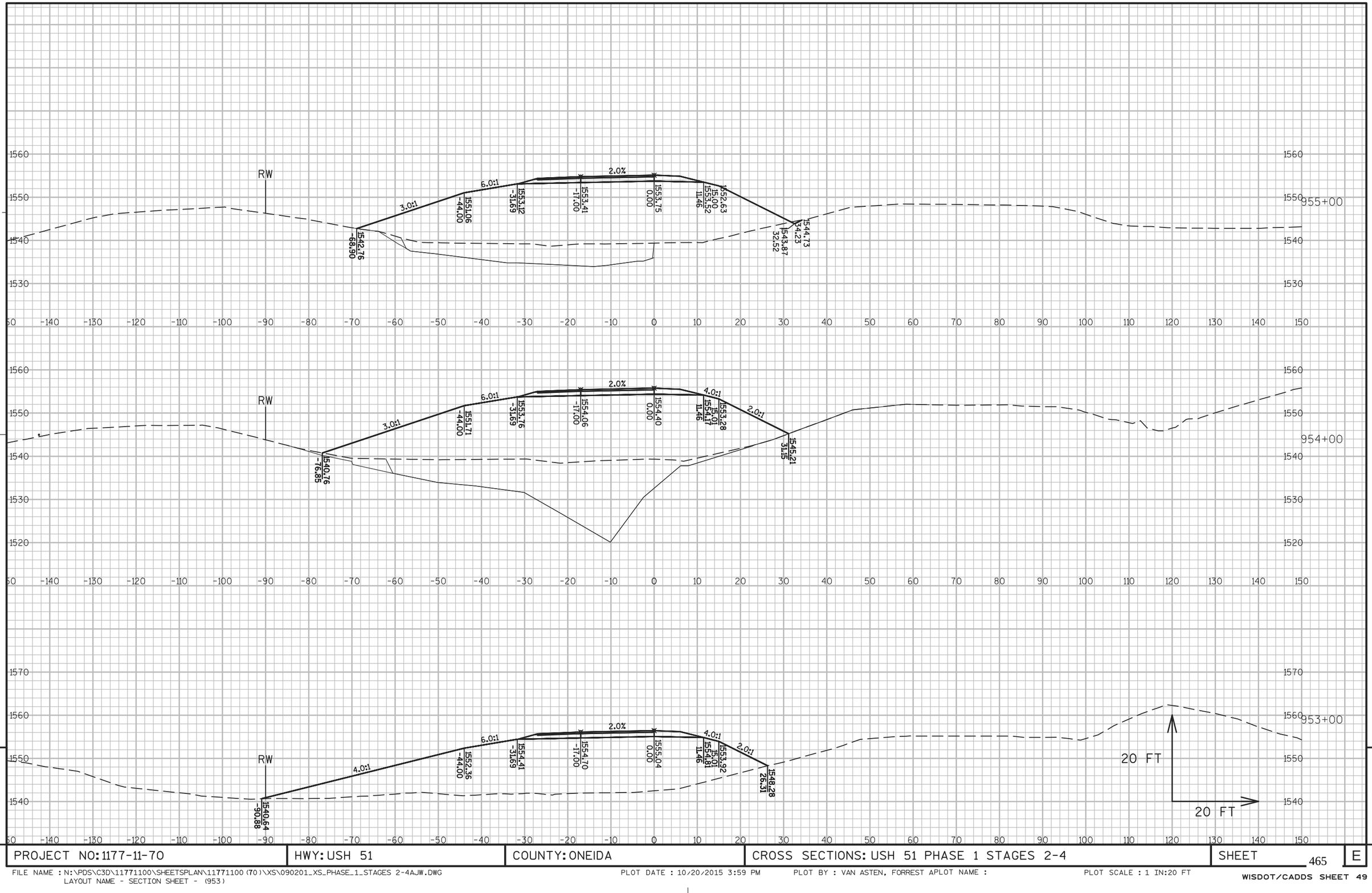
WISDOT/CADDS SHEET 49



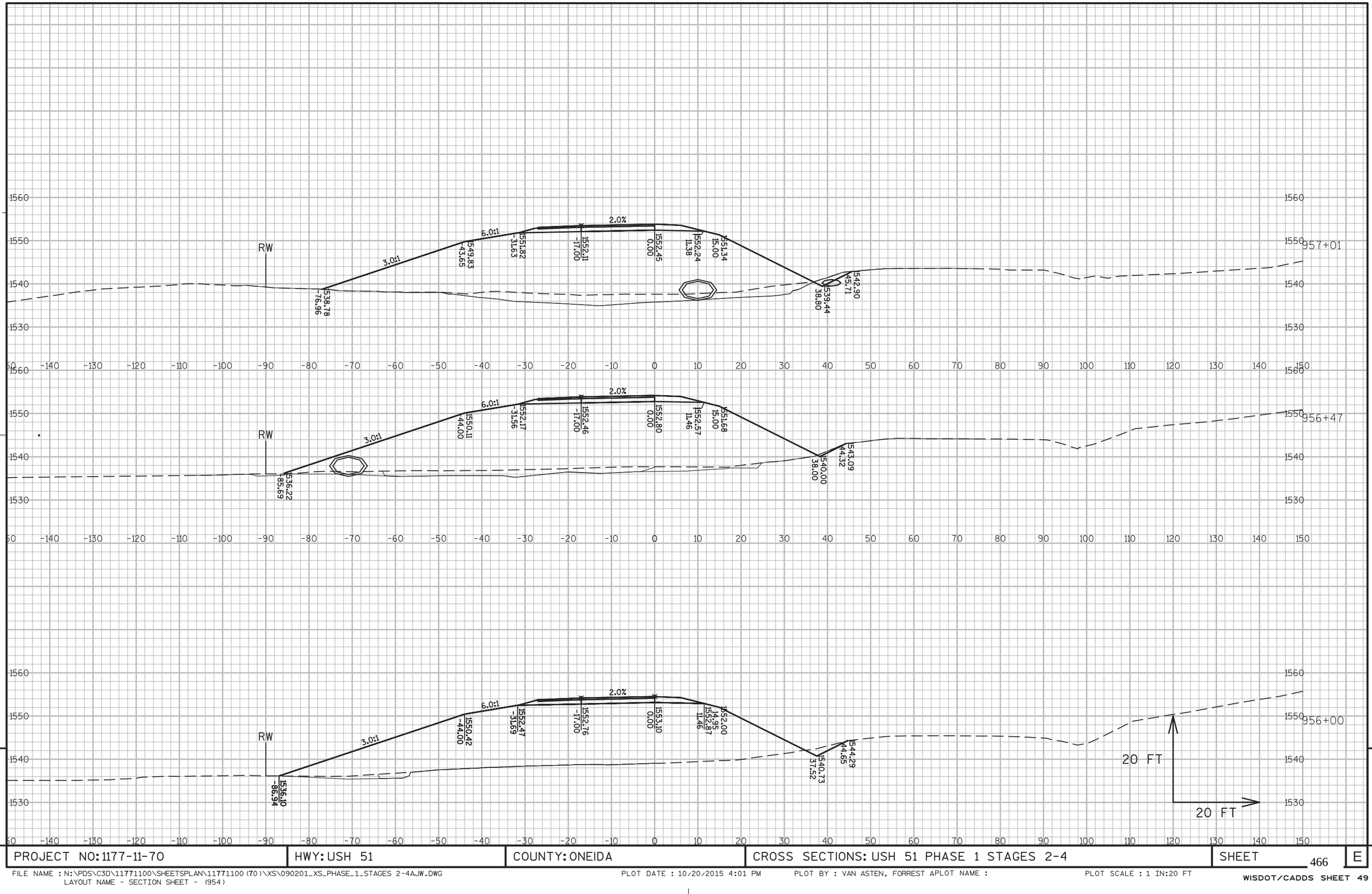
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 464	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (952)

PLOT DATE : 10/20/2015 3:58 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 465	E



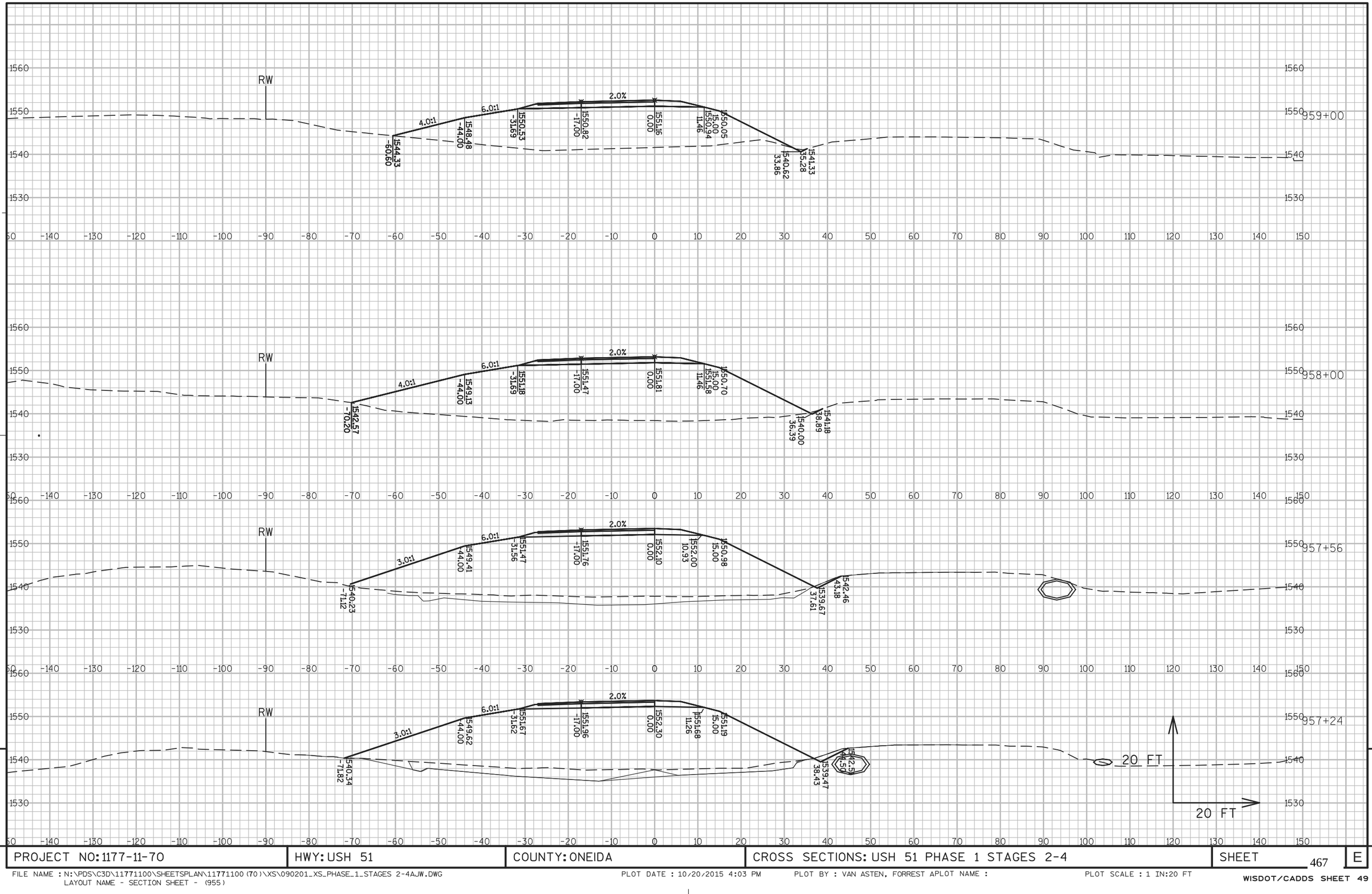
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 466	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (954)

PLOT DATE : 10/20/2015 4:01 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

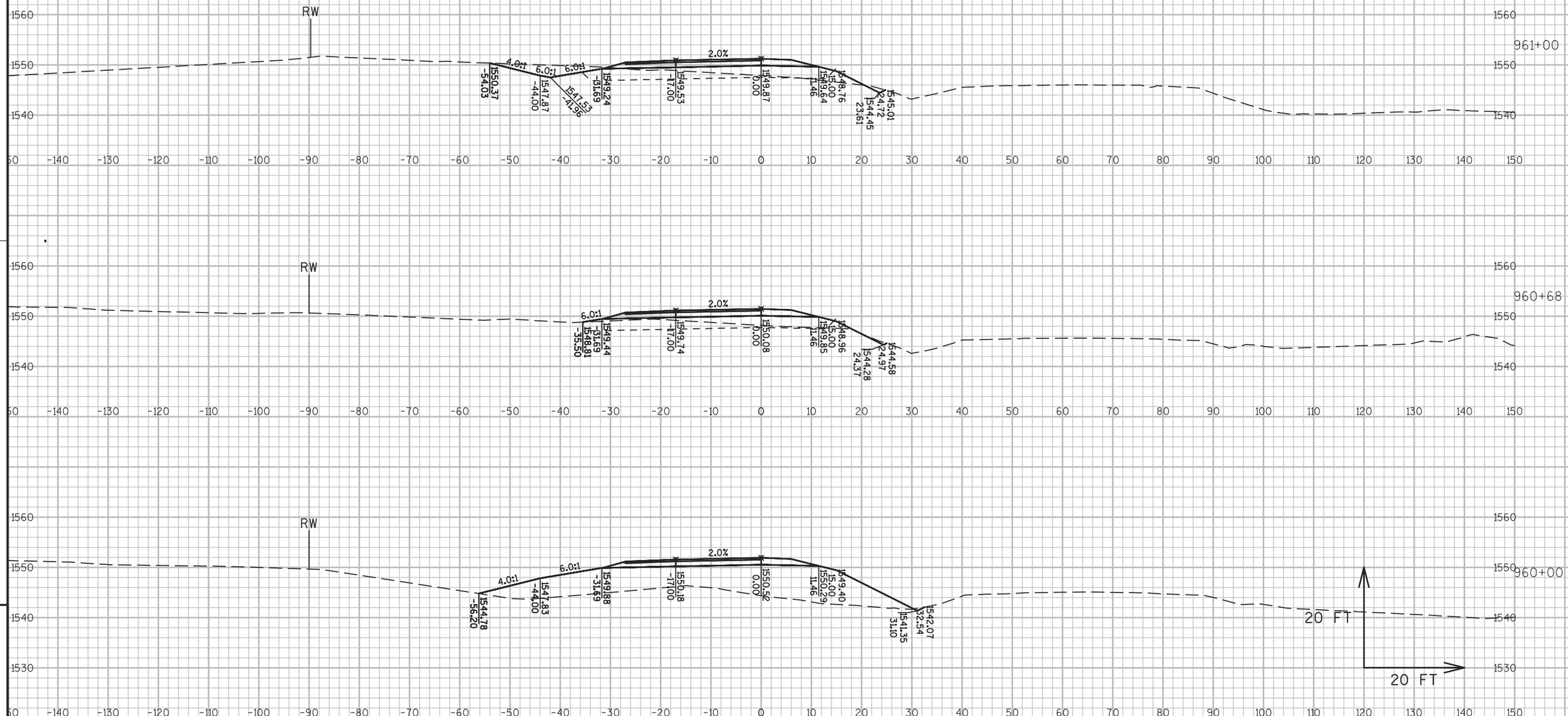


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 467	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (955)

PLOT DATE : 10/20/2015 4:03 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

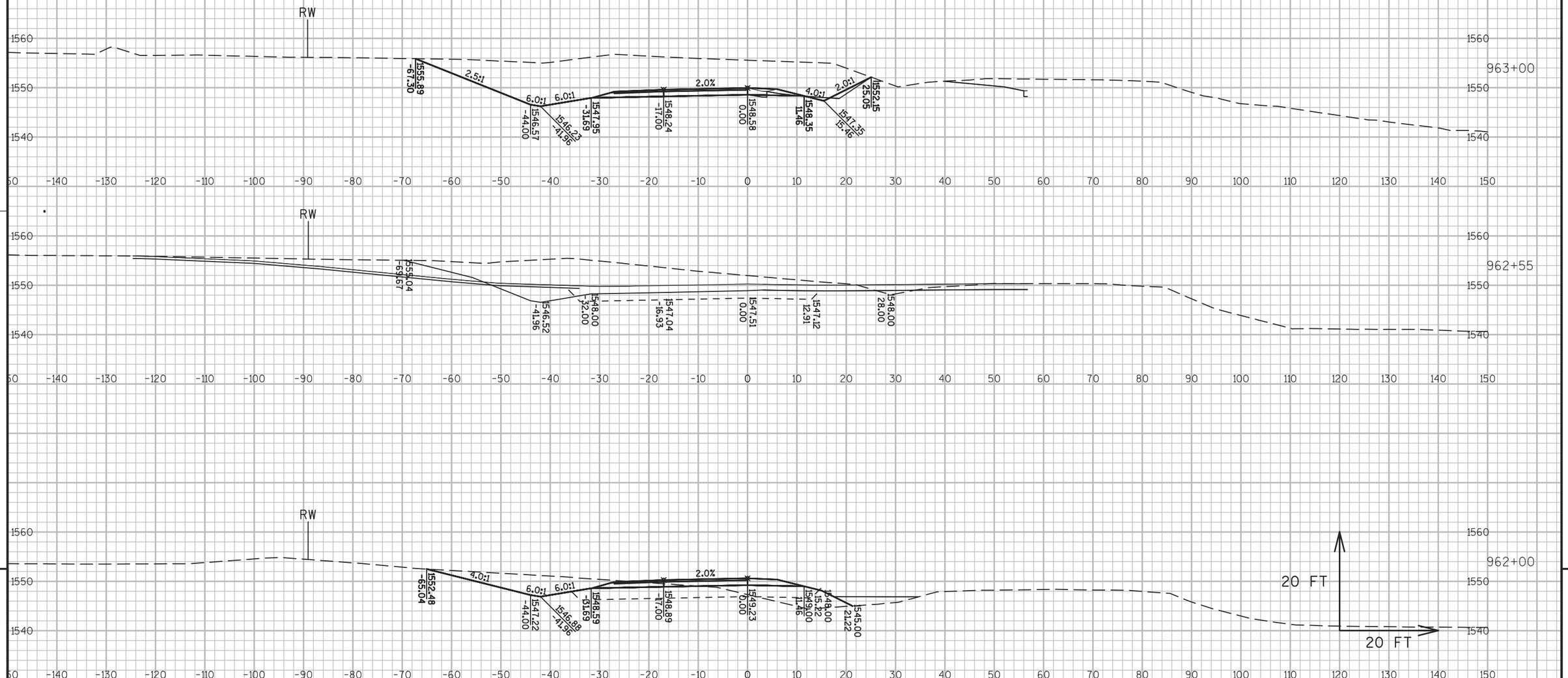


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 468	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (956)

PLOT DATE : 10/20/2015 4:05 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



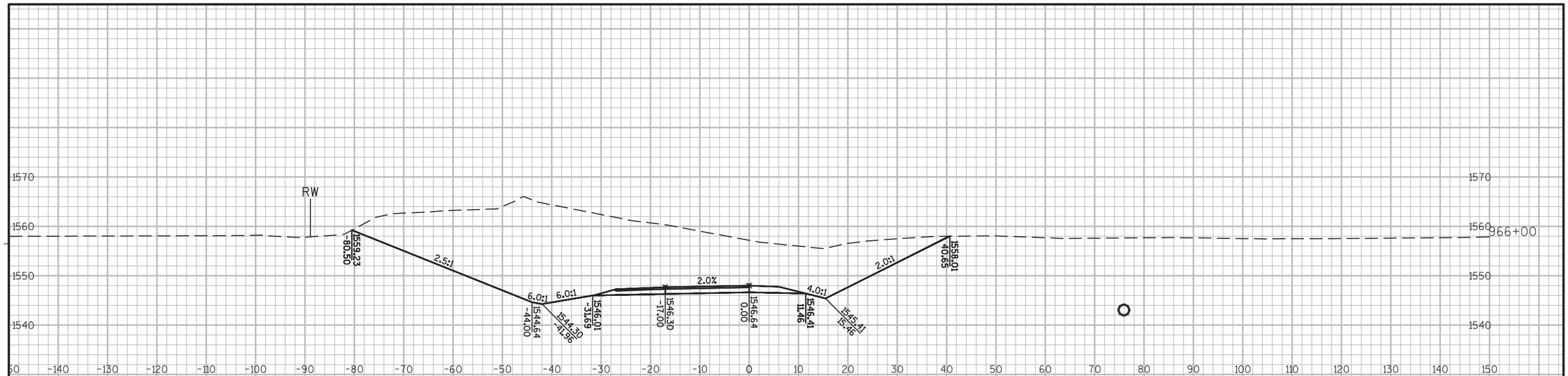
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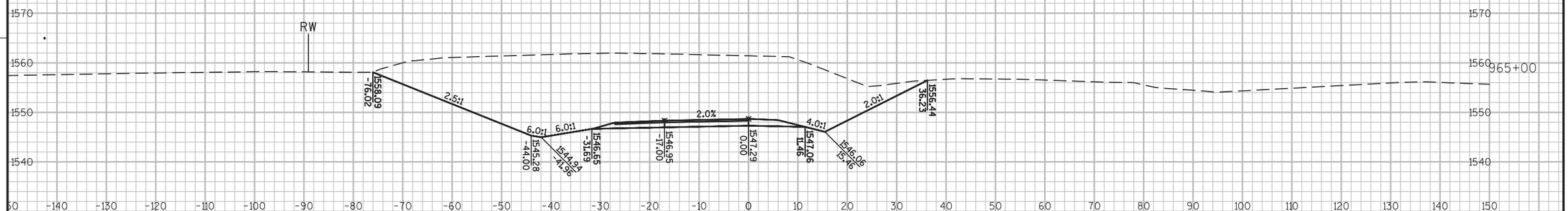
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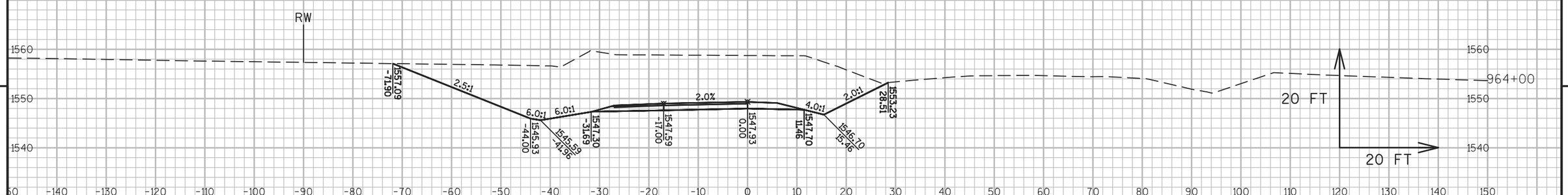
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 469	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (957)

PLOT DATE : 10/20/2015 4:06 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT







9

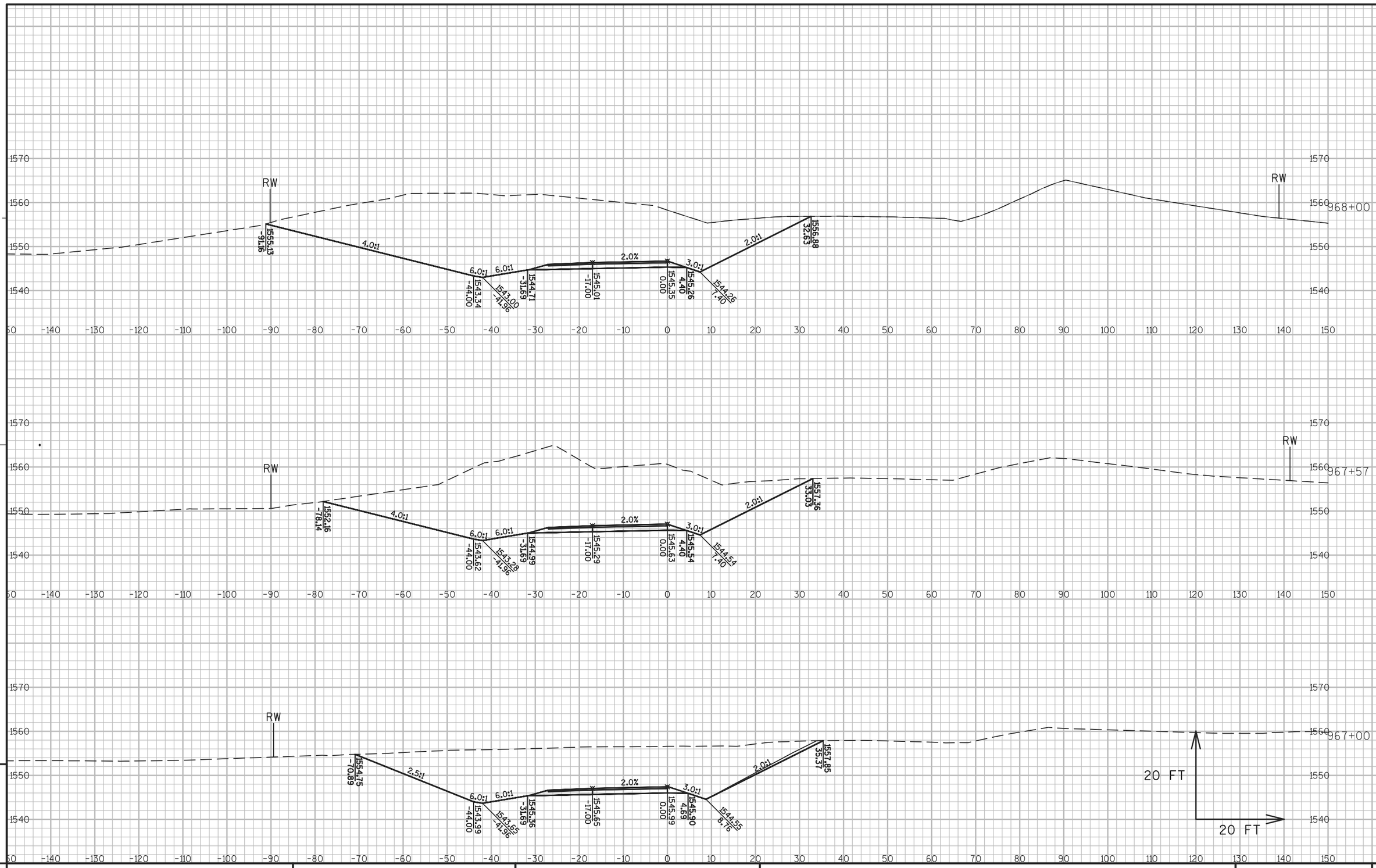
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 470	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (958)

PLOT DATE : 10/20/2015 4:08 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9 9

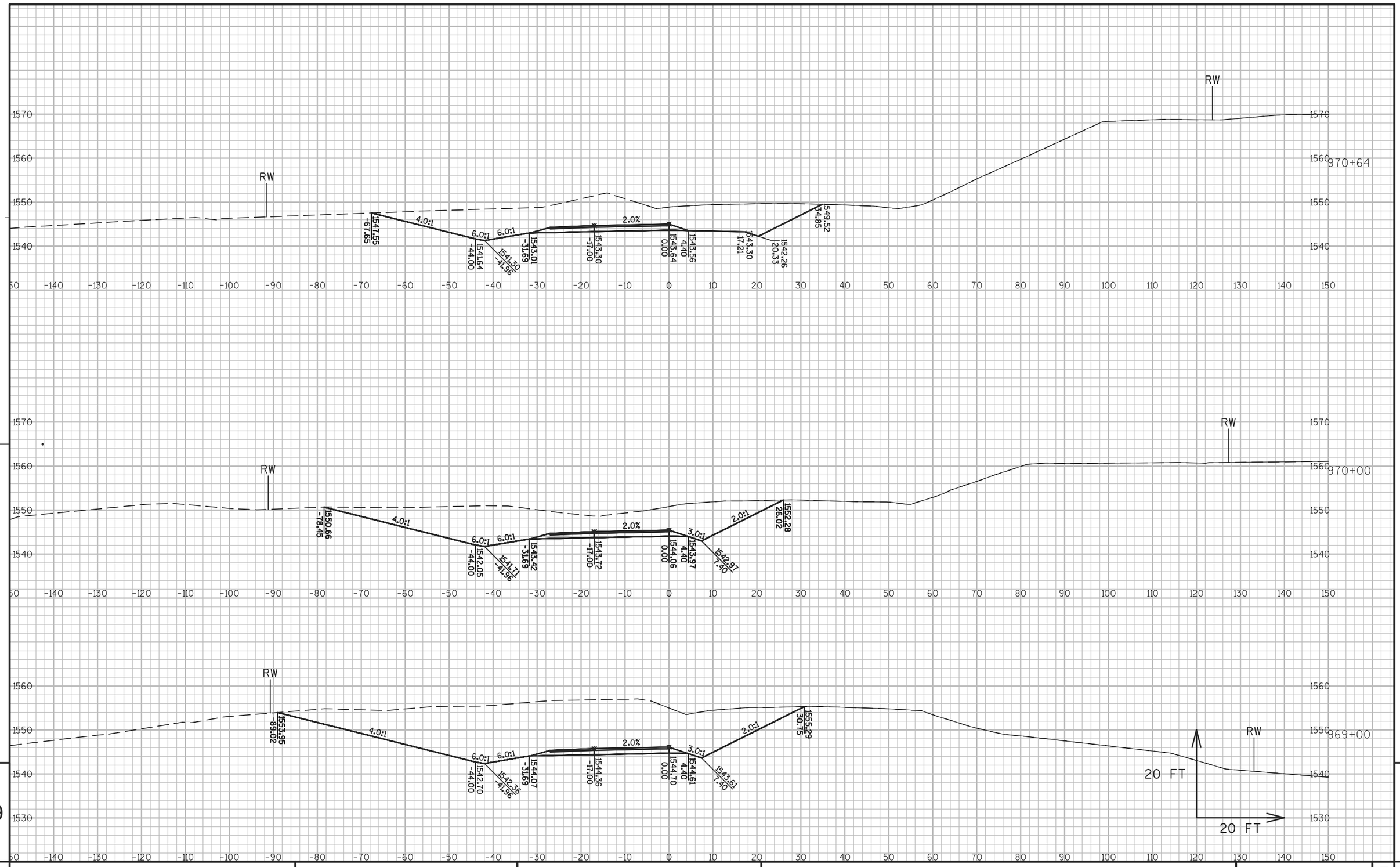
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 471	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (959)

PLOT DATE : 10/20/2015 4:10 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

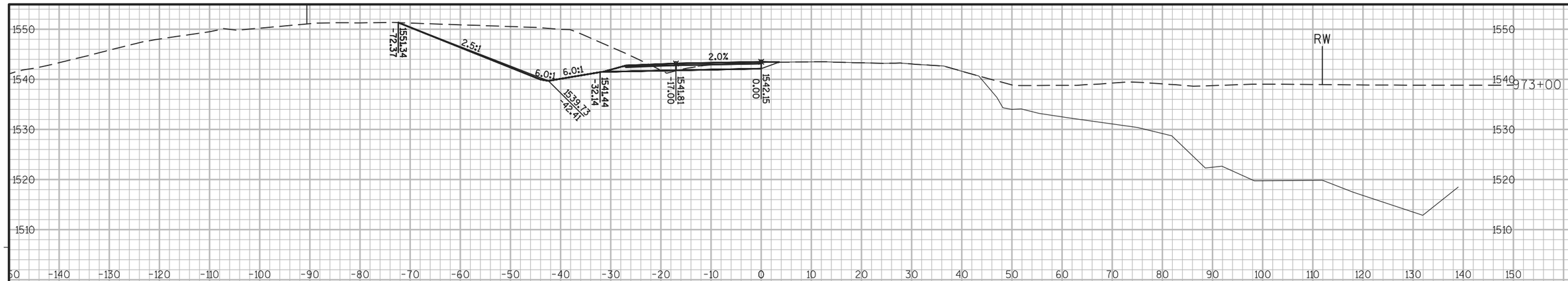
WISDOT/CADDS SHEET 49

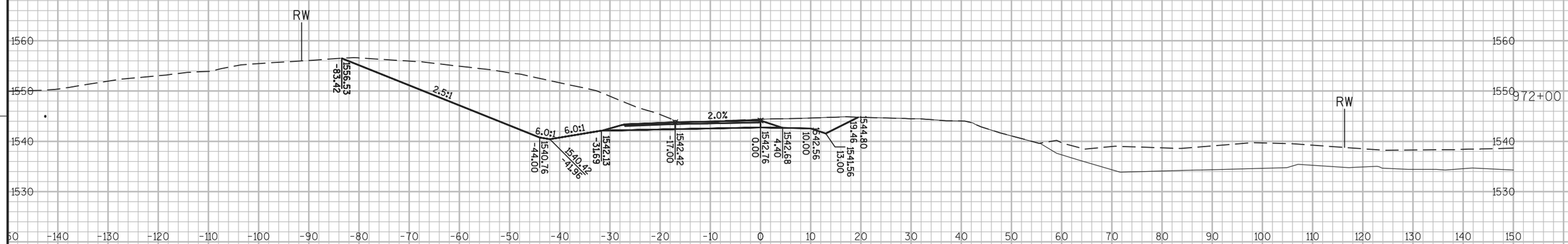


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 472	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (960)

PLOT DATE : 10/20/2015 4:12 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT







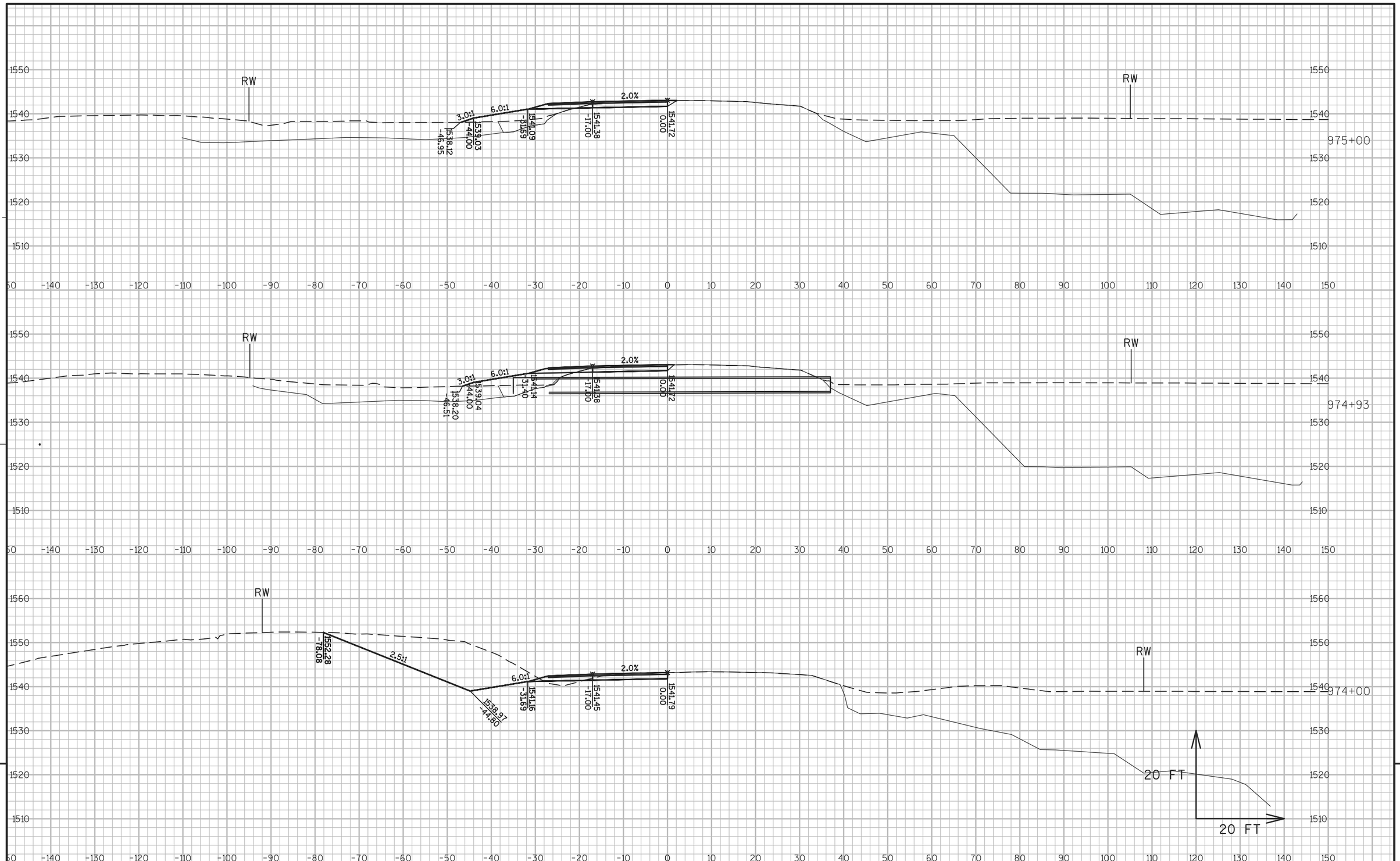
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 473	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (961)

PLOT DATE : 10/20/2015 4:16 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

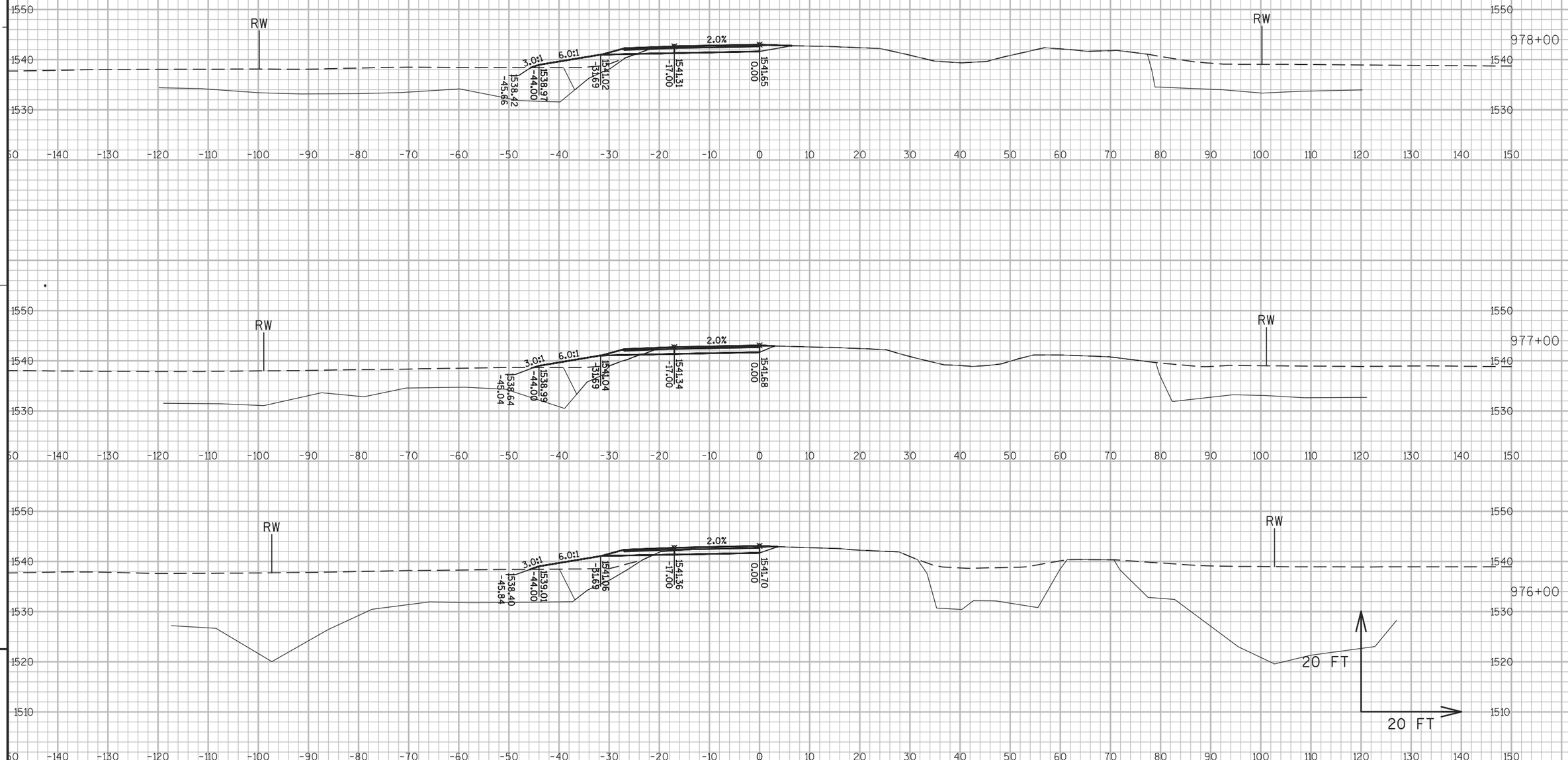


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 474	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (962)

PLOT DATE : 10/20/2015 4:18 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

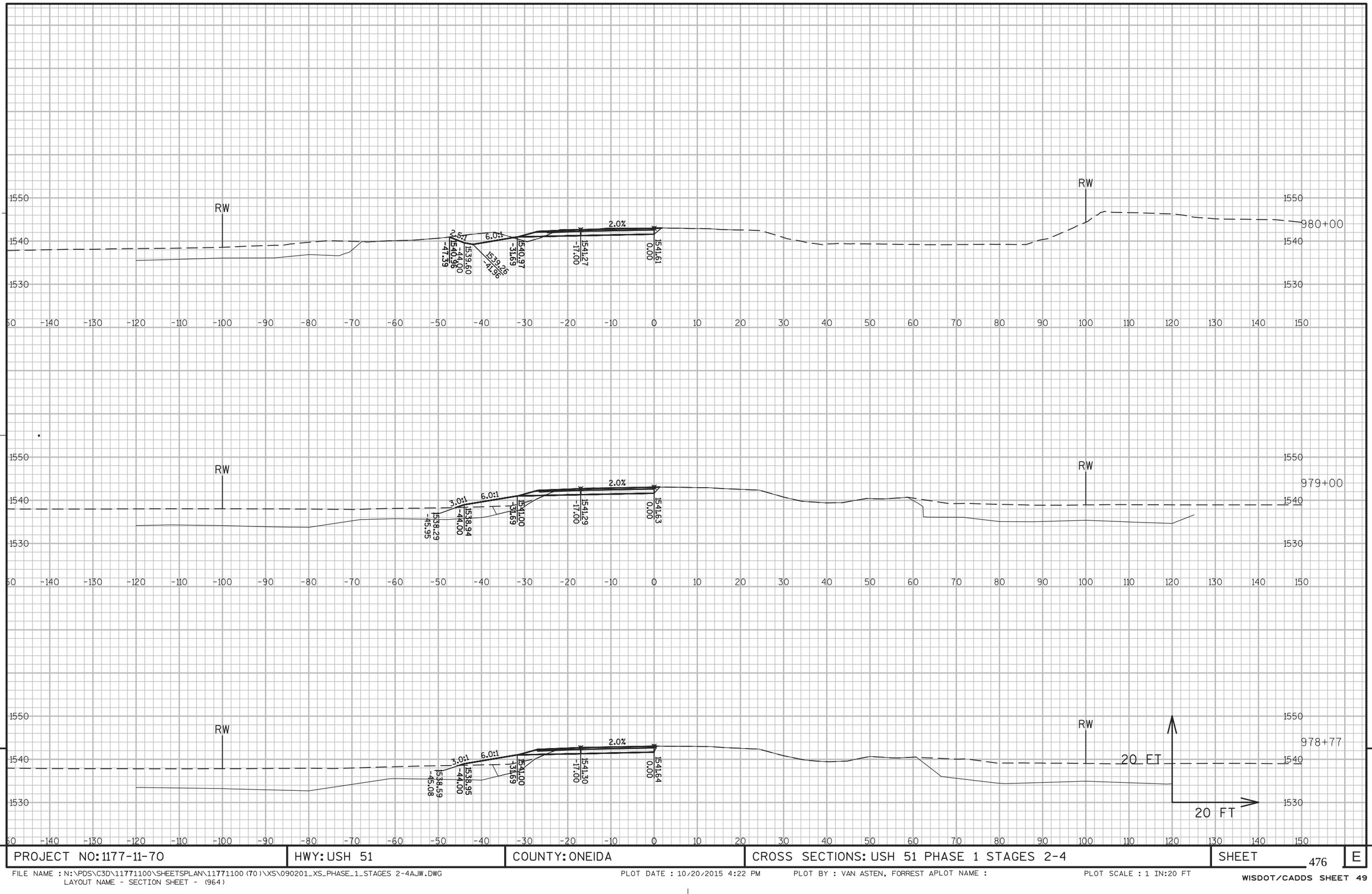


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 475	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (963)

PLOT DATE : 10/20/2015 4:20 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

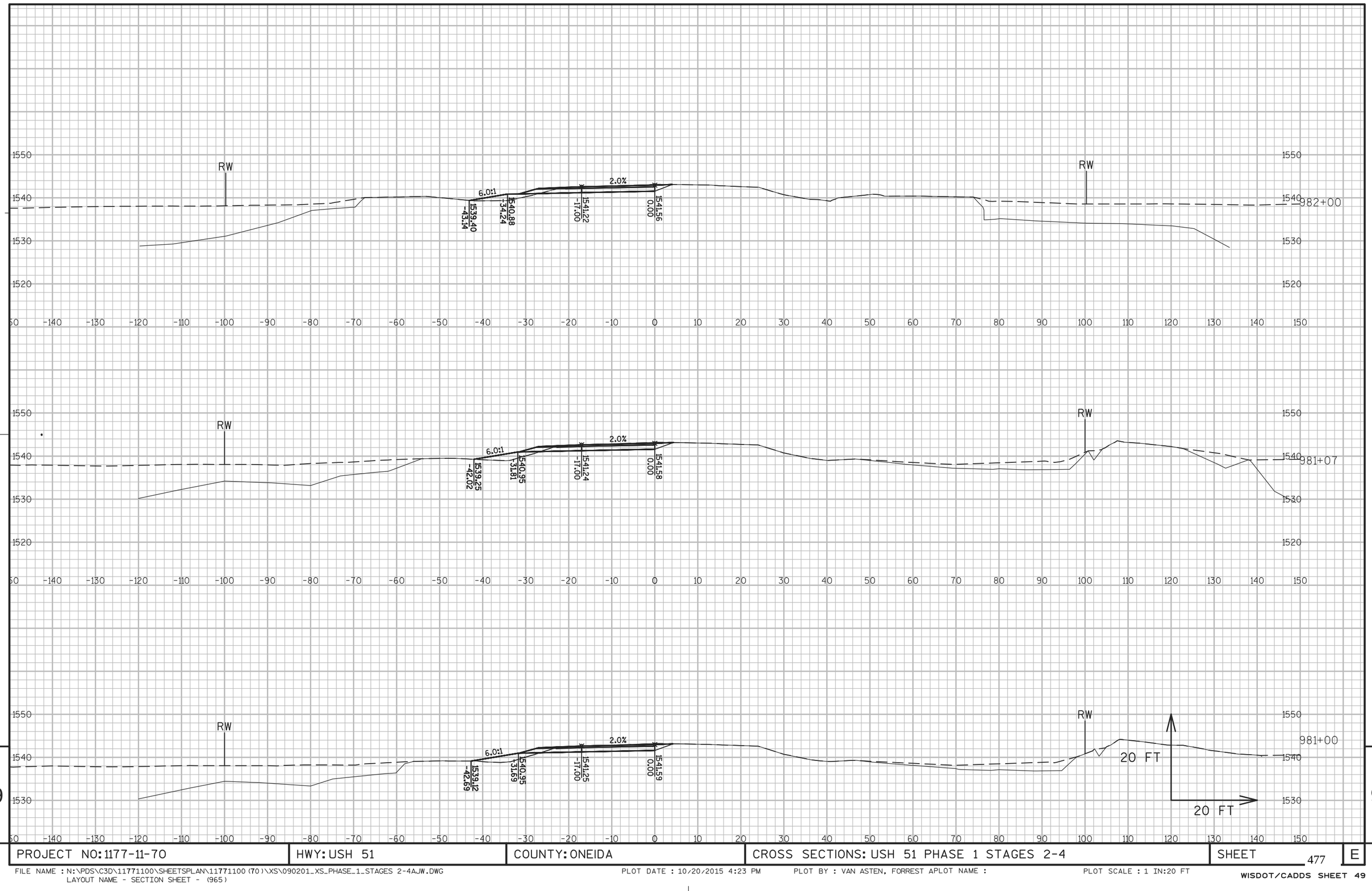


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 476	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (964)

PLOT DATE : 10/20/2015 4:22 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



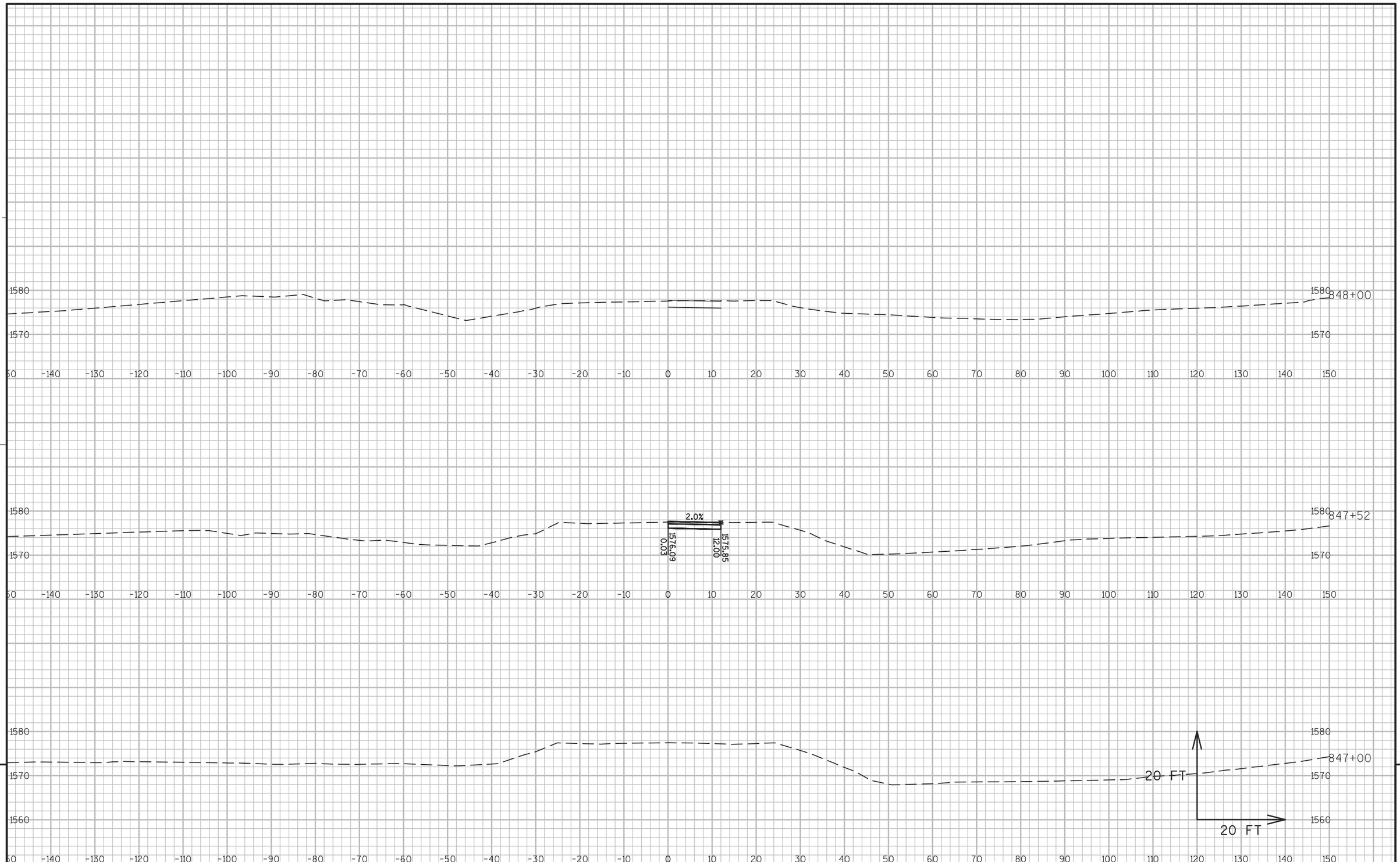
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9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGES 2-4	SHEET 477	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGES 2-4AJW.DWG
LAYOUT NAME - SECTION SHEET - (965)

PLOT DATE : 10/20/2015 4:23 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



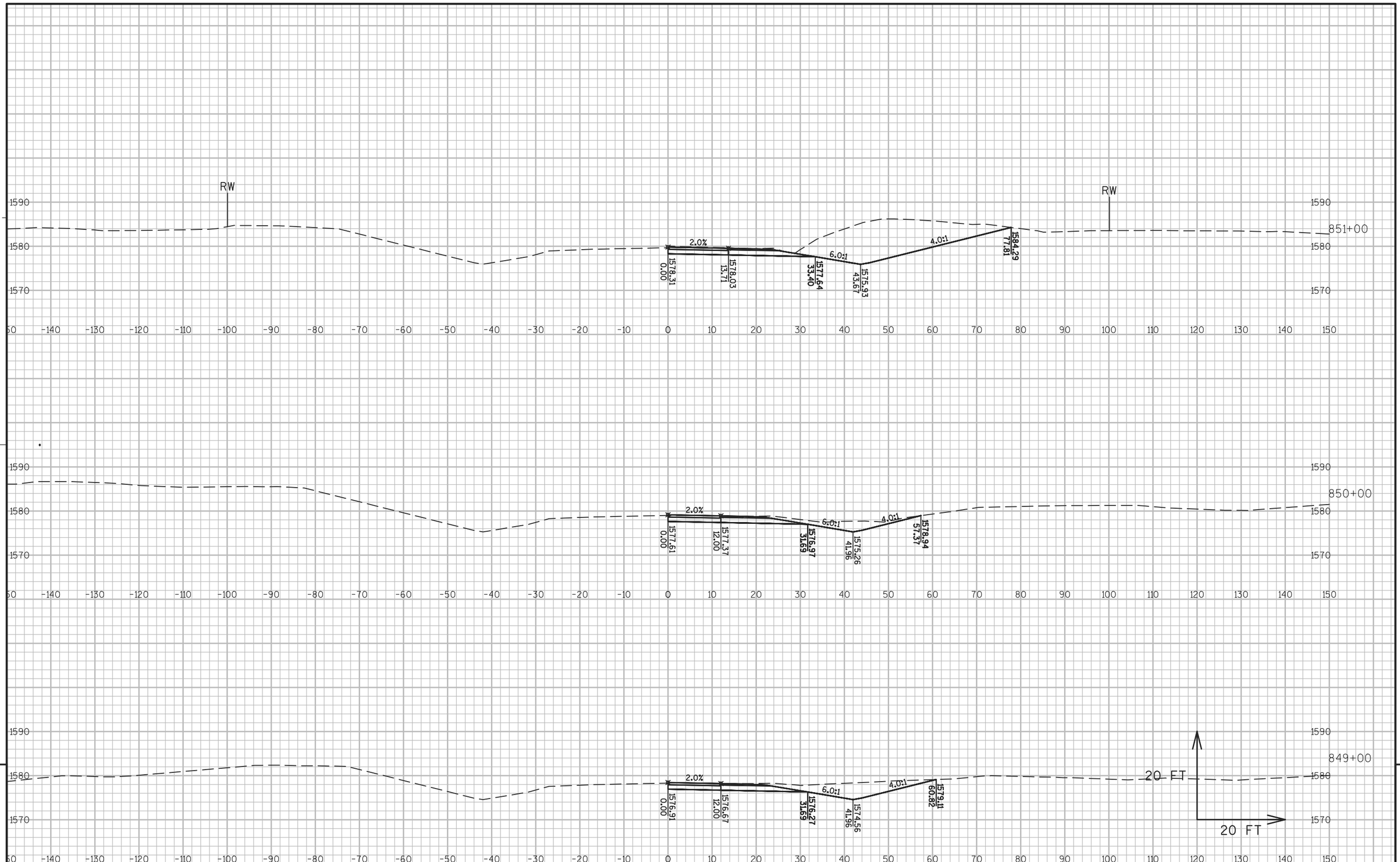
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 478	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (872)

PLOT DATE : 10/20/2015 2:30 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

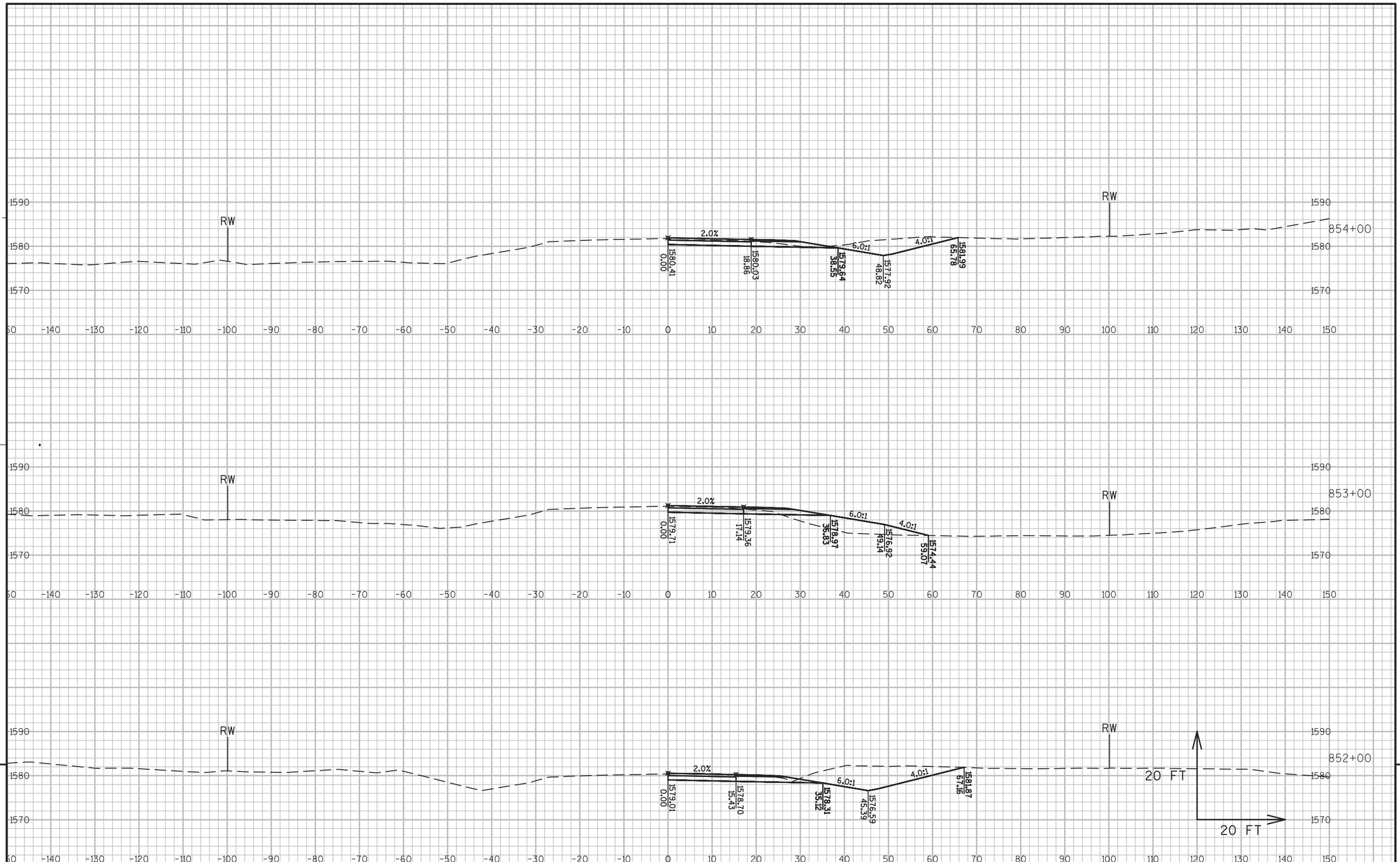


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 479	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (873)

PLOT DATE : 10/20/2015 2:32 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

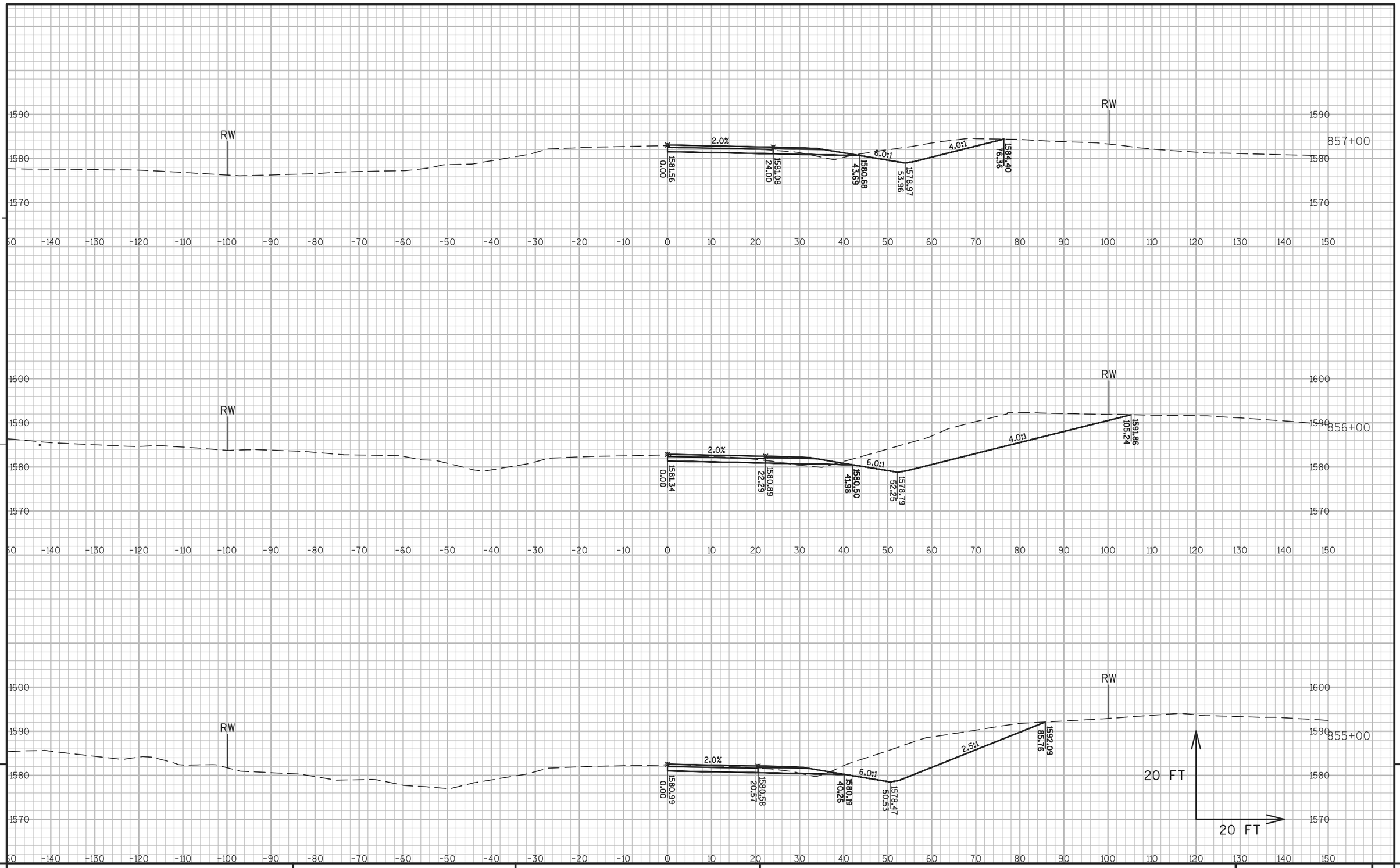


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 480	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (874)

PLOT DATE : 10/20/2015 2:33 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

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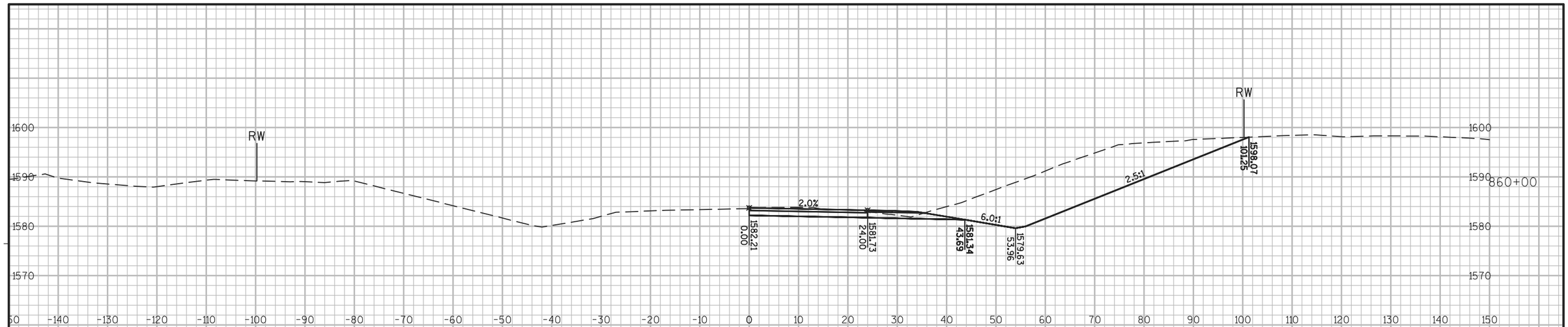
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 481	E

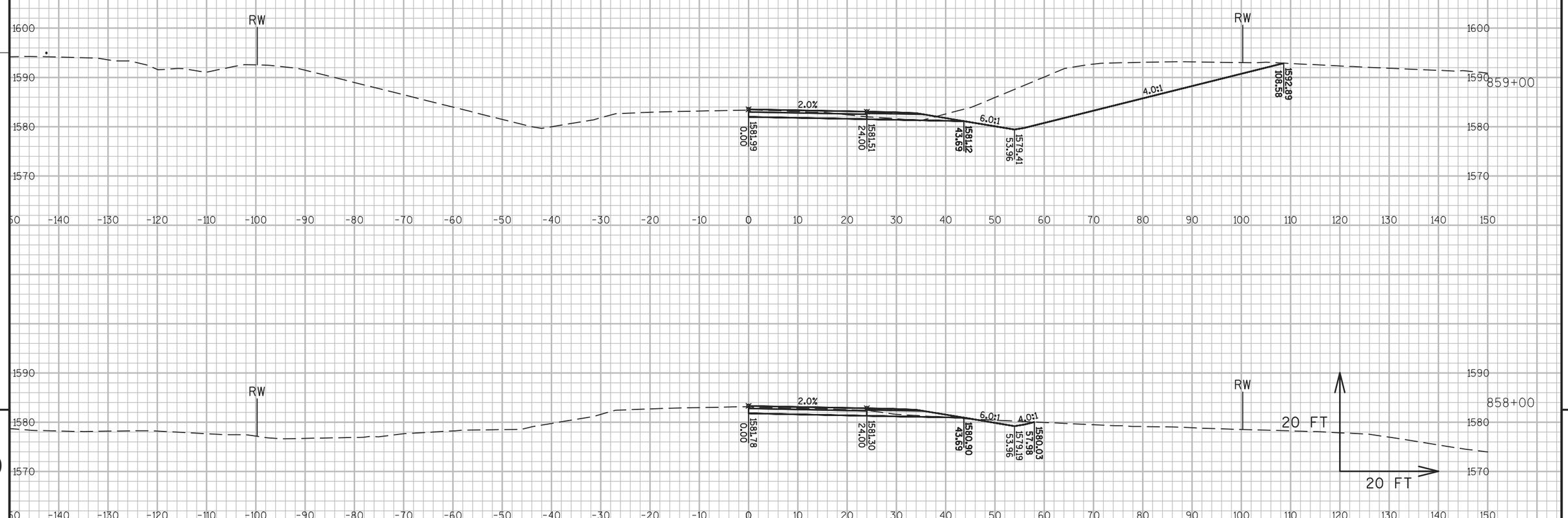
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (875)

PLOT DATE : 10/20/2015 2:35 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





9

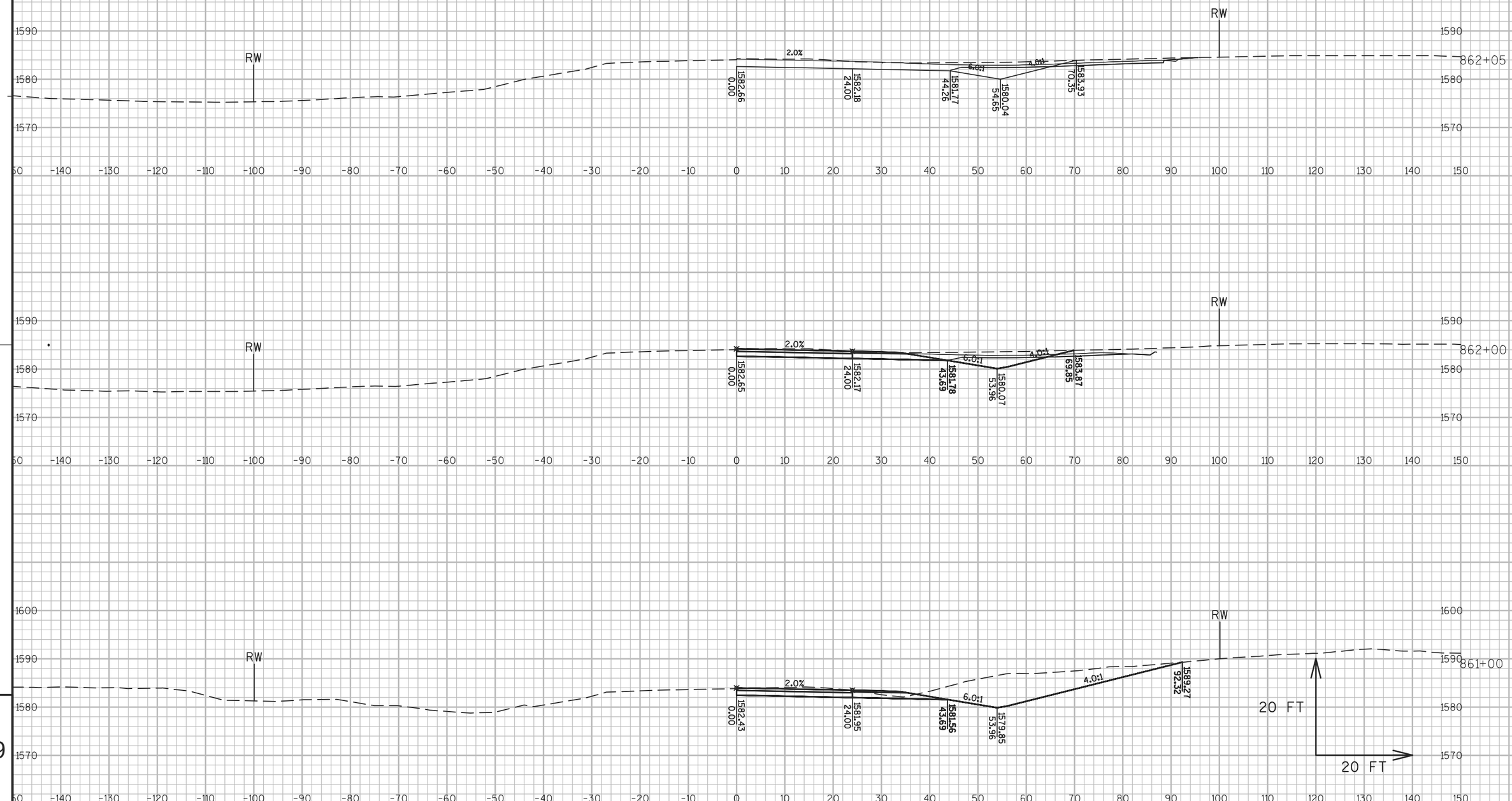
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 482	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (876)

PLOT DATE : 10/20/2015 2:36 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT



9

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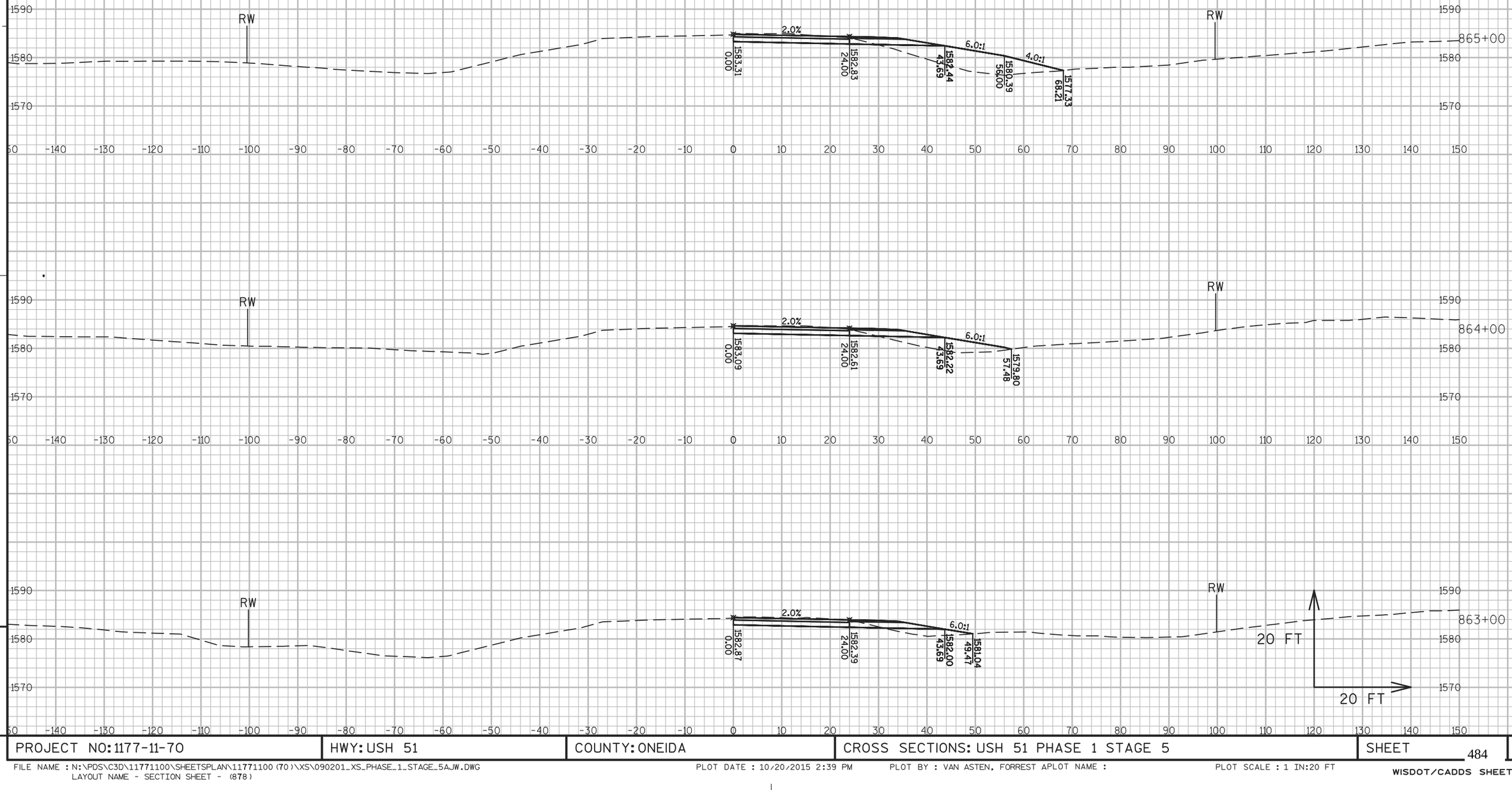
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 483	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (877)

PLOT DATE : 10/20/2015 2:38 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

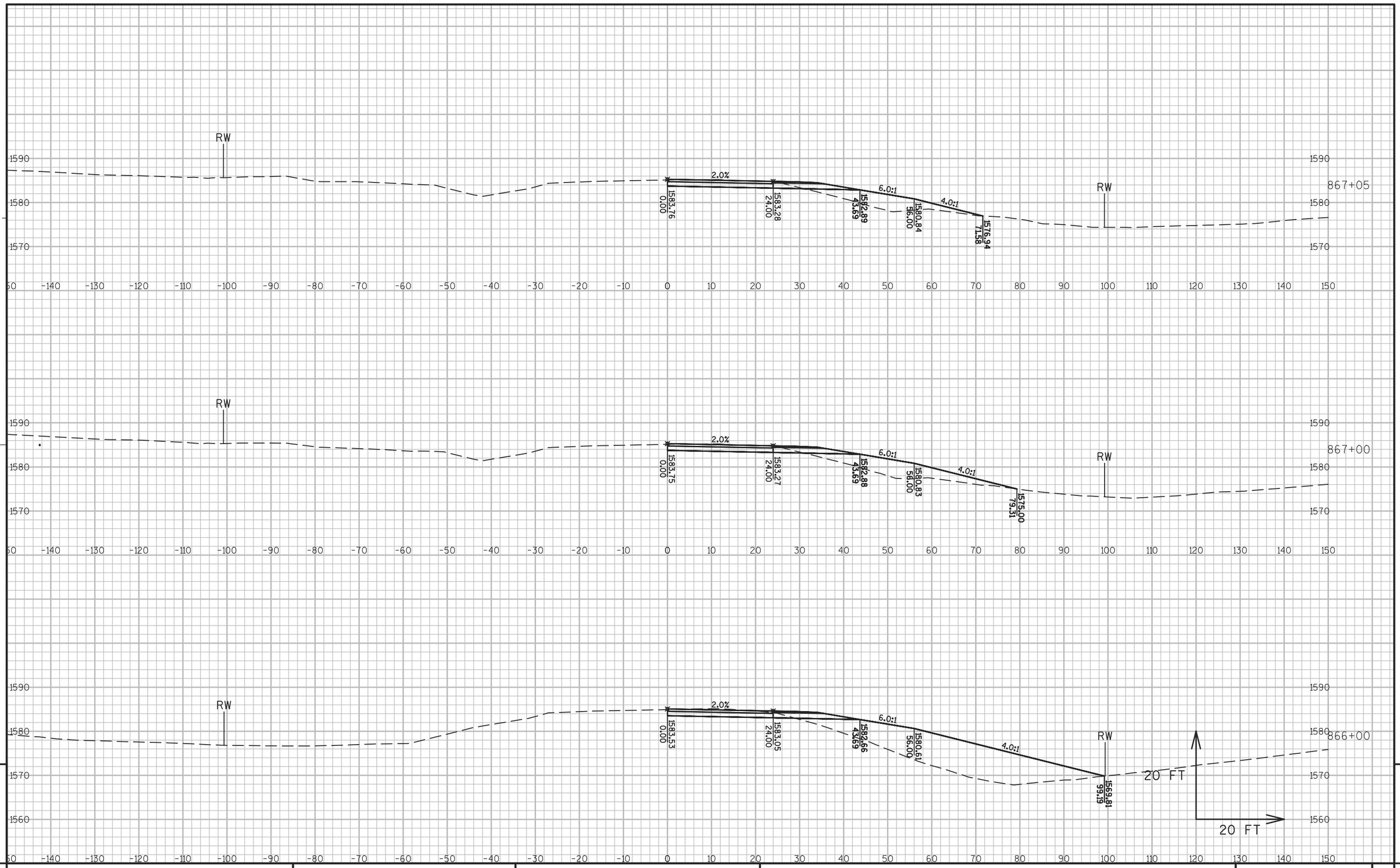


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 484	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (878)

PLOT DATE : 10/20/2015 2:39 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

9

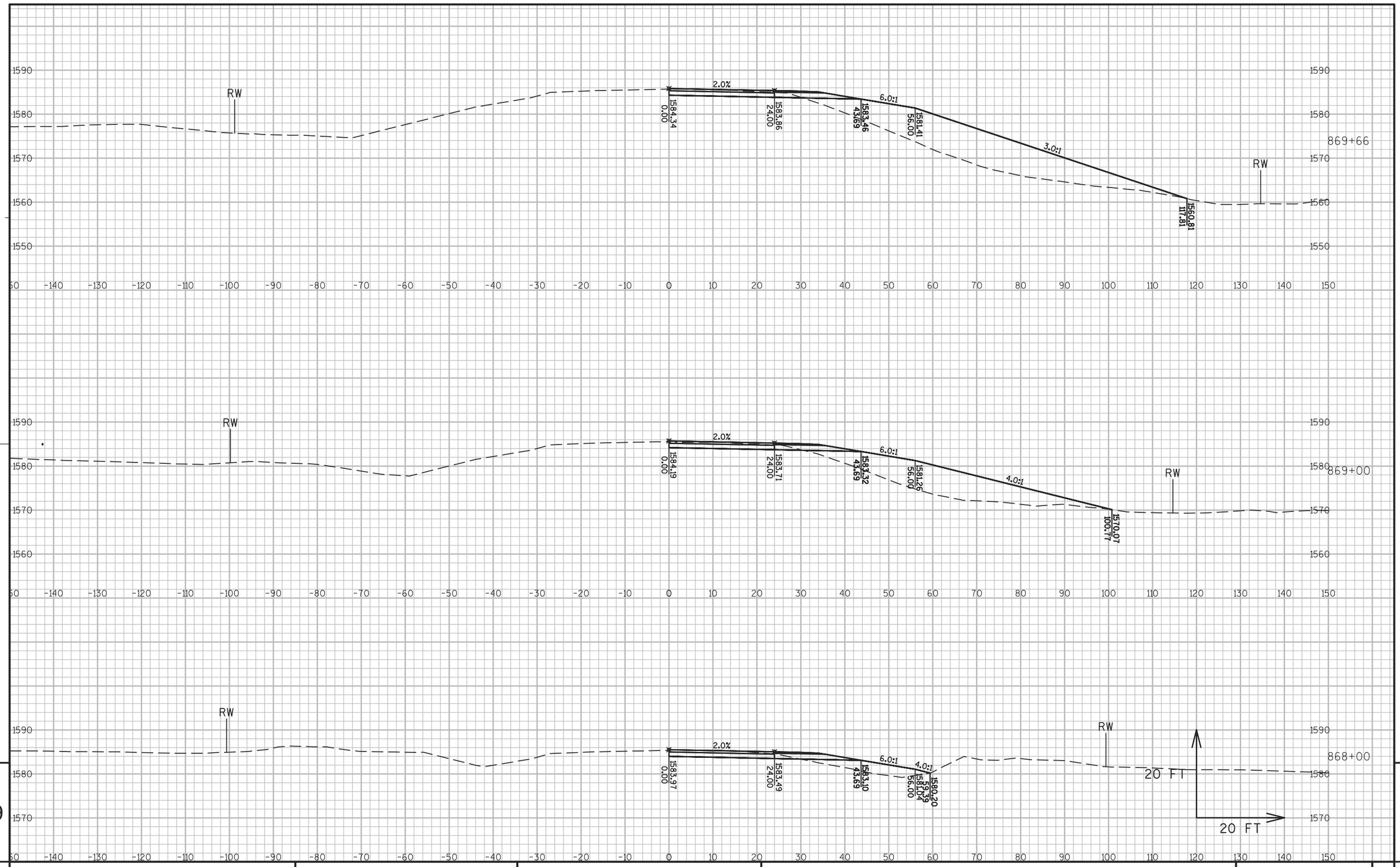
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 485	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (879)

PLOT DATE : 10/20/2015 2:40 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

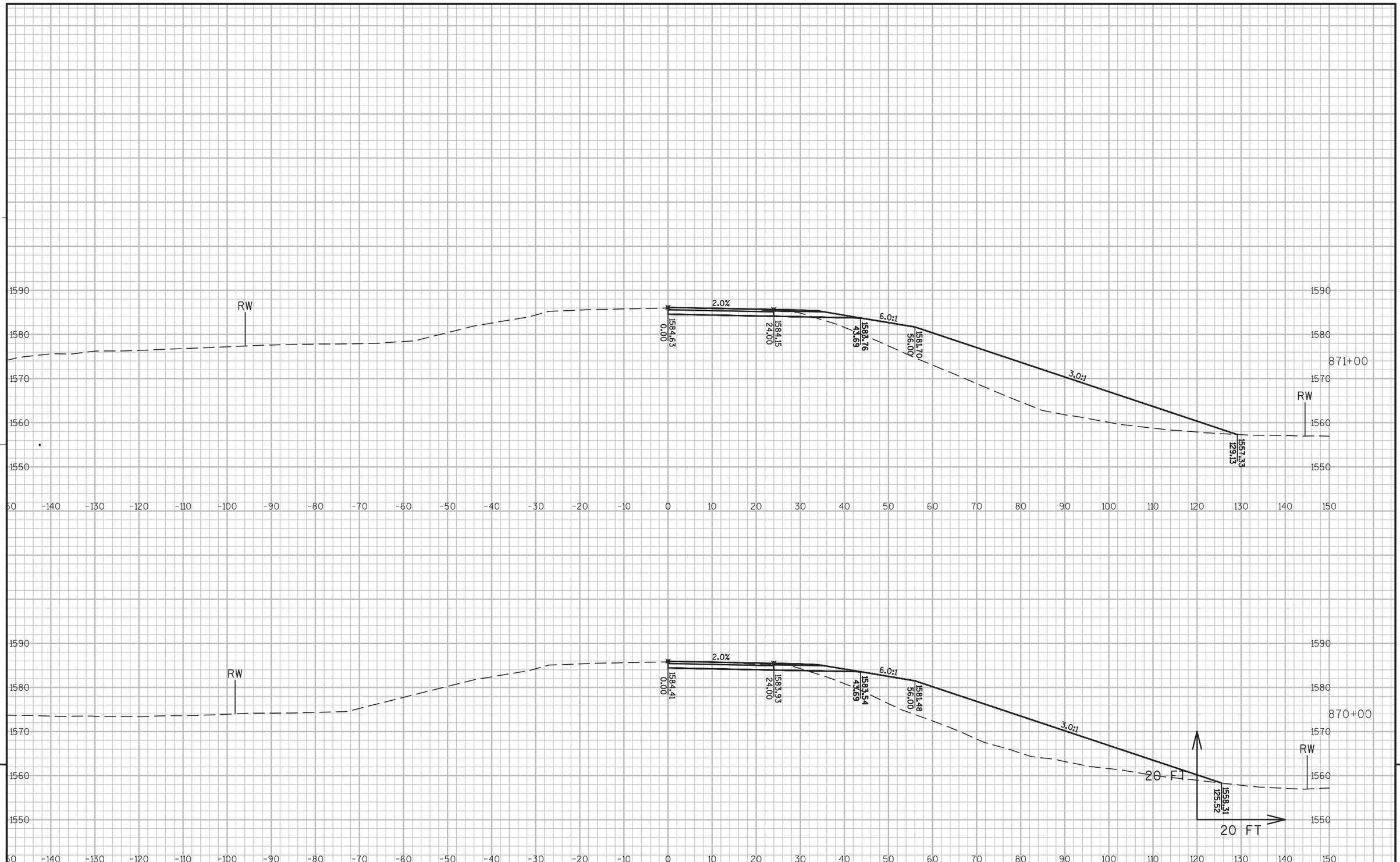


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 486	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (880)

PLOT DATE : 10/20/2015 2:42 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

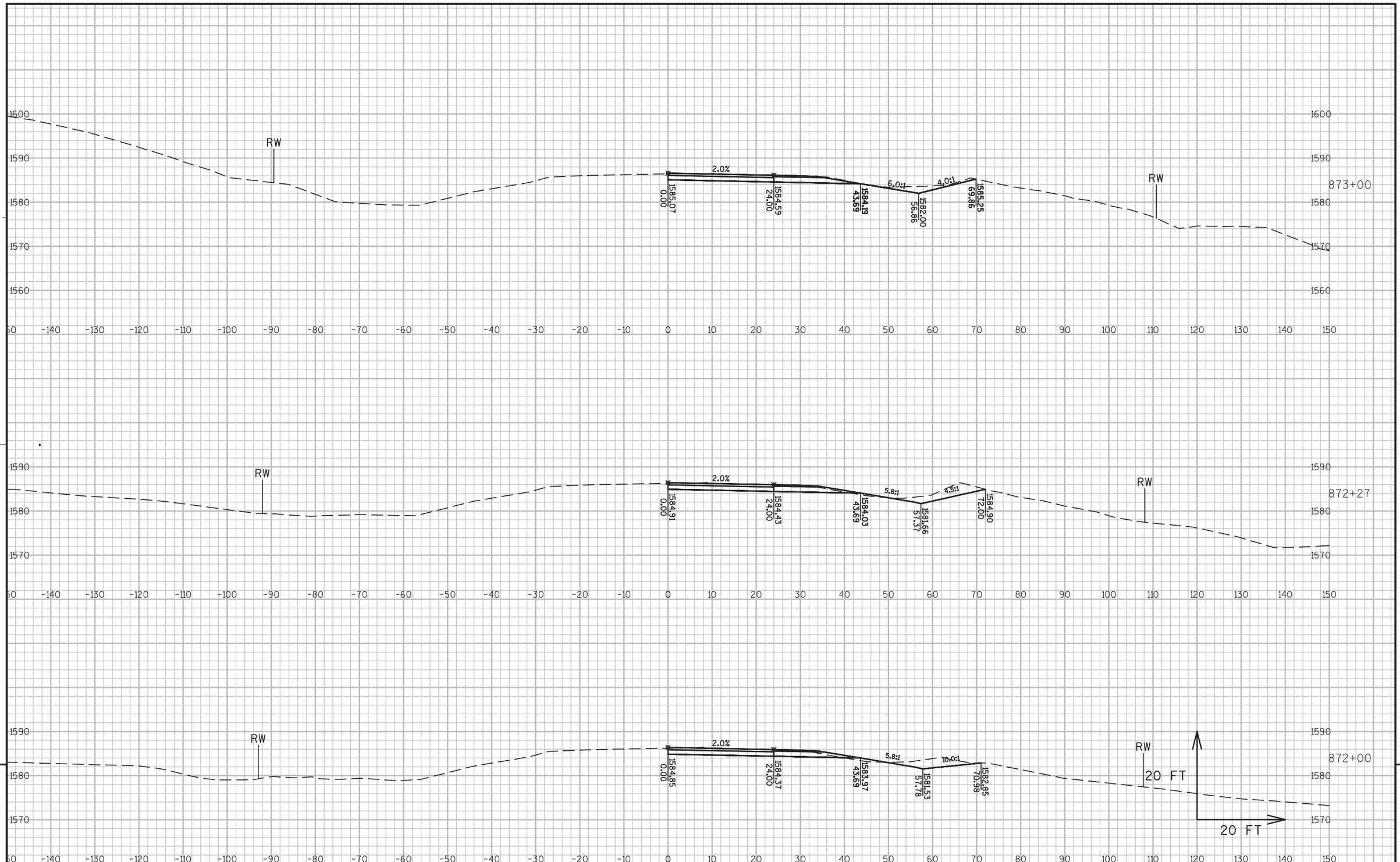


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 487	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (881)

PLOT DATE : 10/20/2015 2:43 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



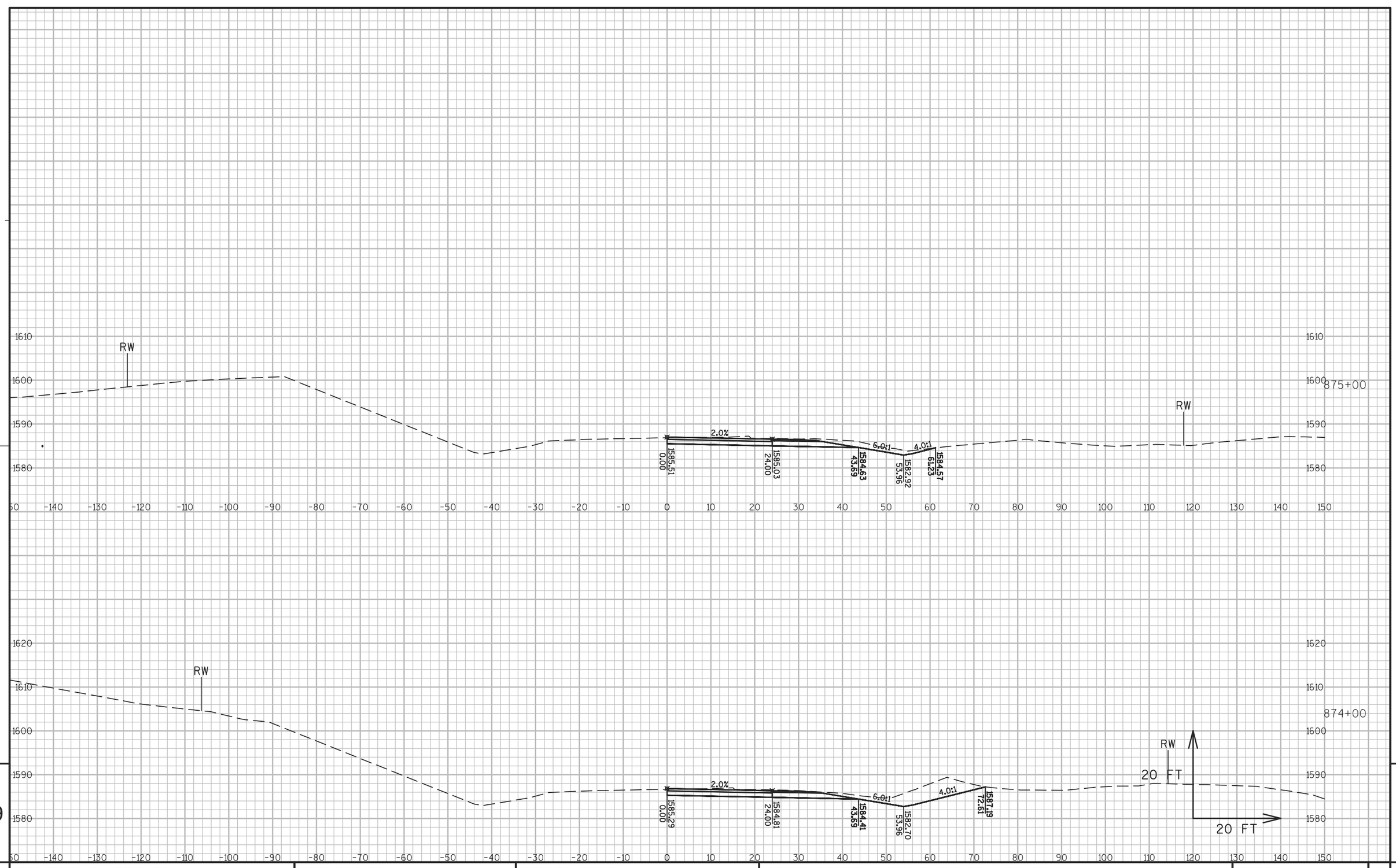
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 488	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (882)

PLOT DATE : 10/20/2015 2:45 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

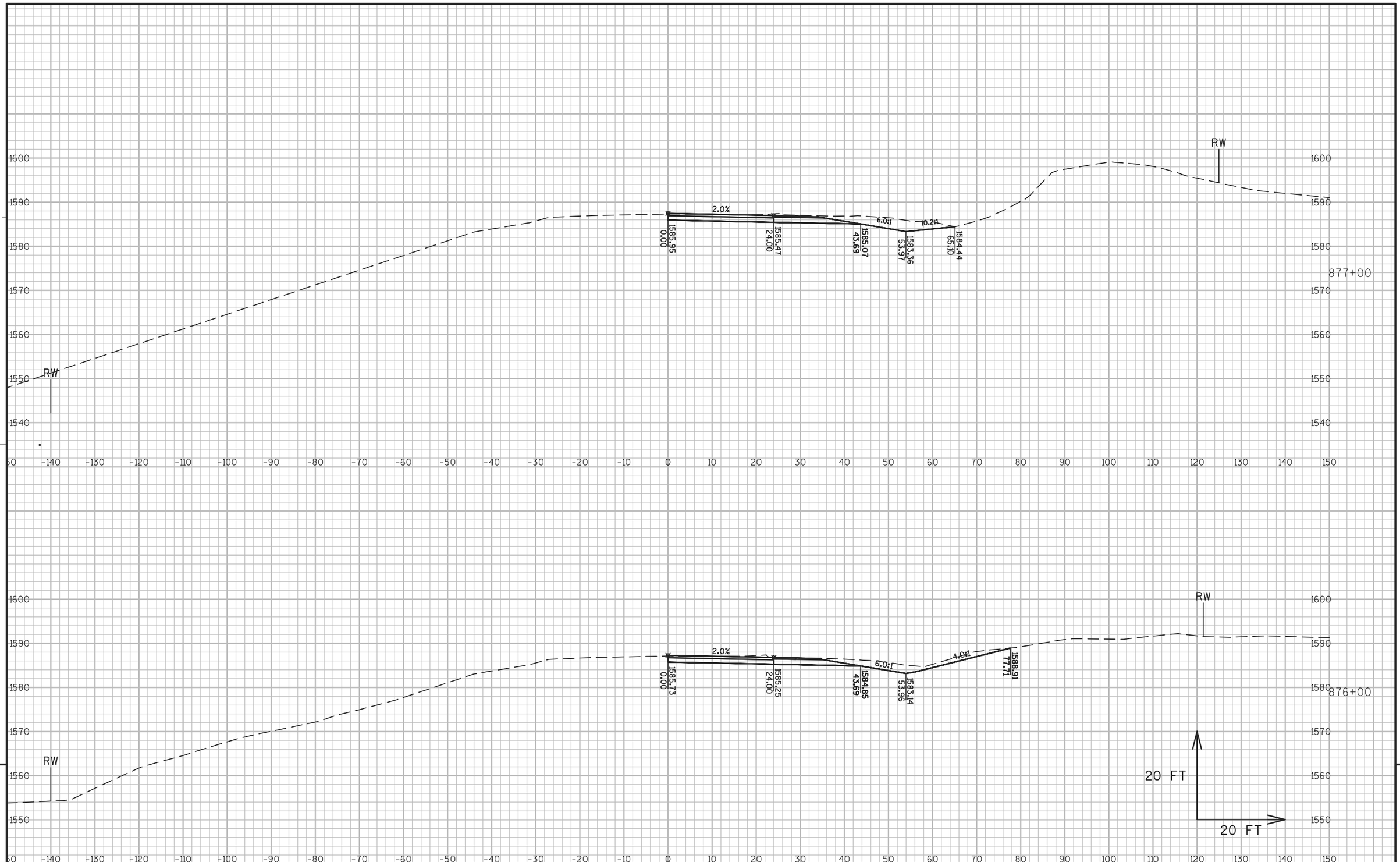
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 489	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (883)

PLOT DATE : 10/20/2015 2:46 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

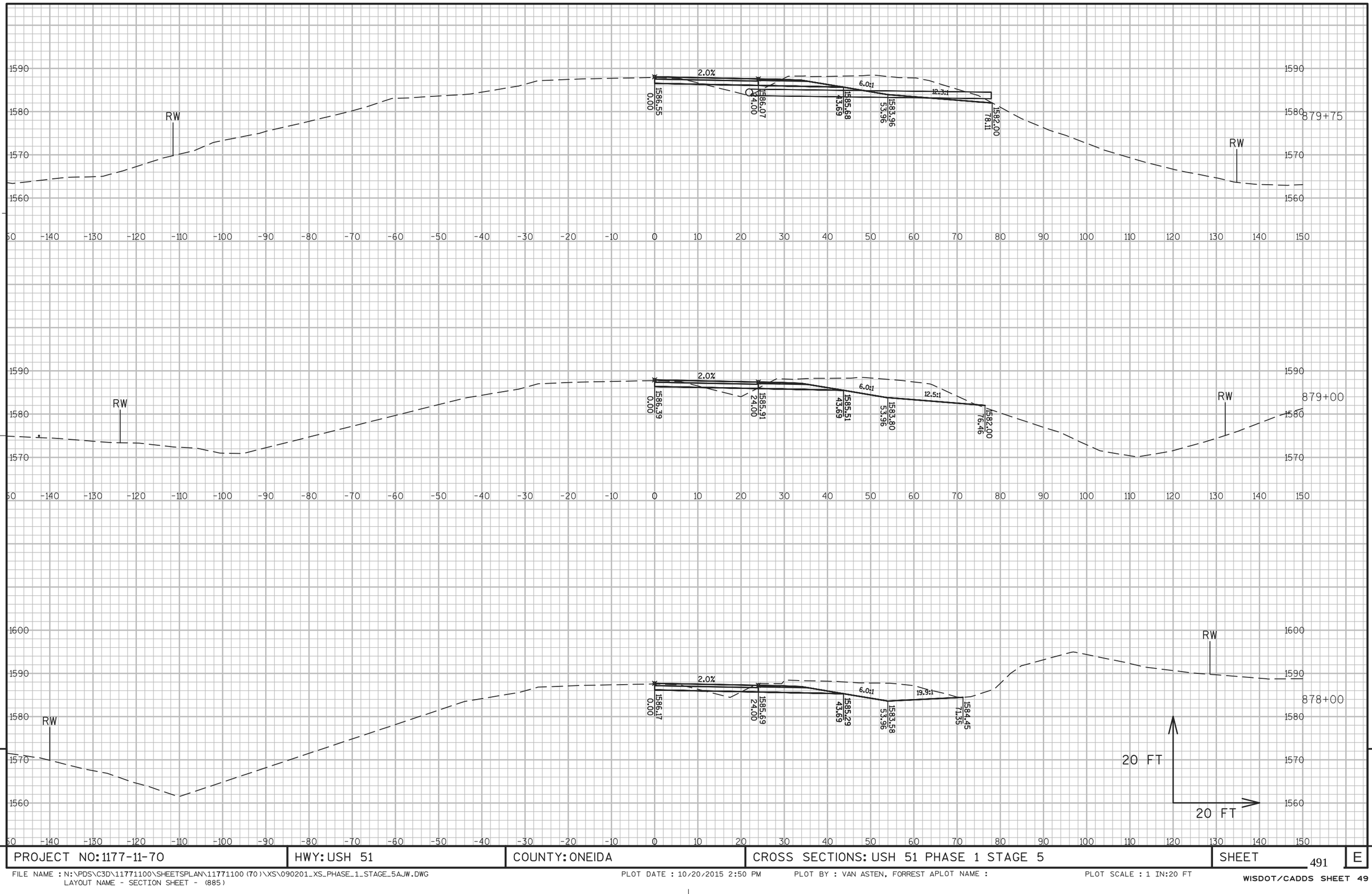


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 490	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (884)

PLOT DATE : 10/20/2015 2:48 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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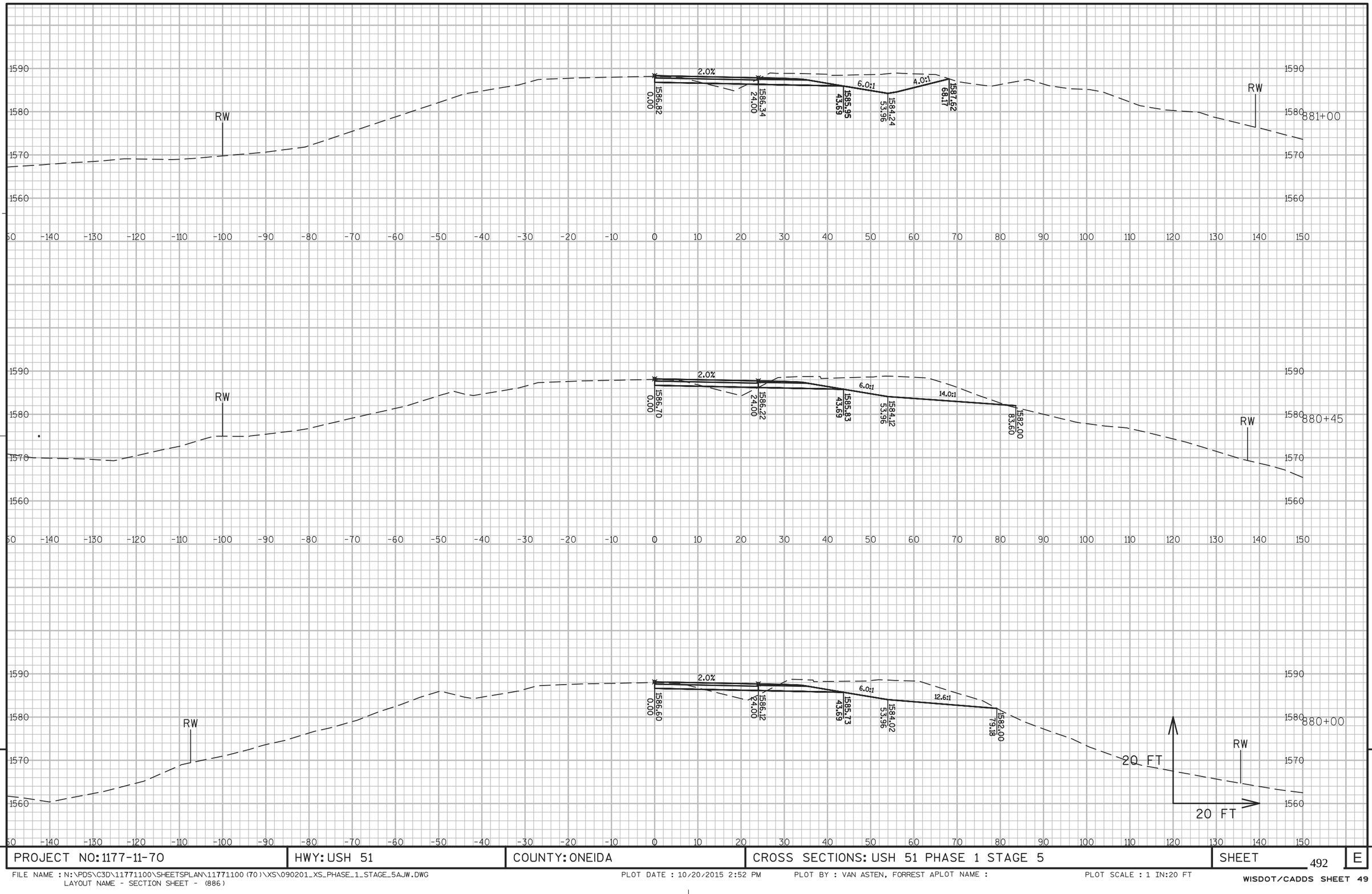
9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 491	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (885)

PLOT DATE : 10/20/2015 2:50 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

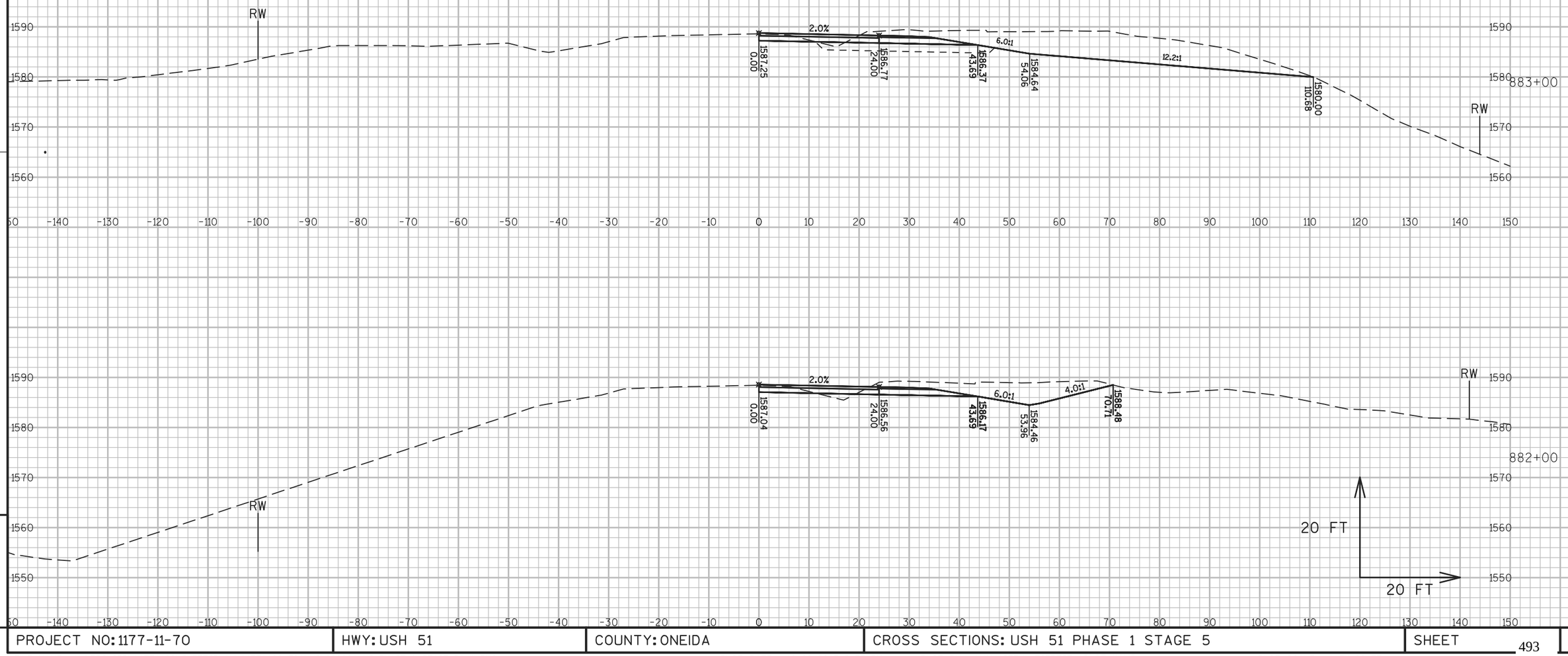


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 492	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (886)

PLOT DATE : 10/20/2015 2:52 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

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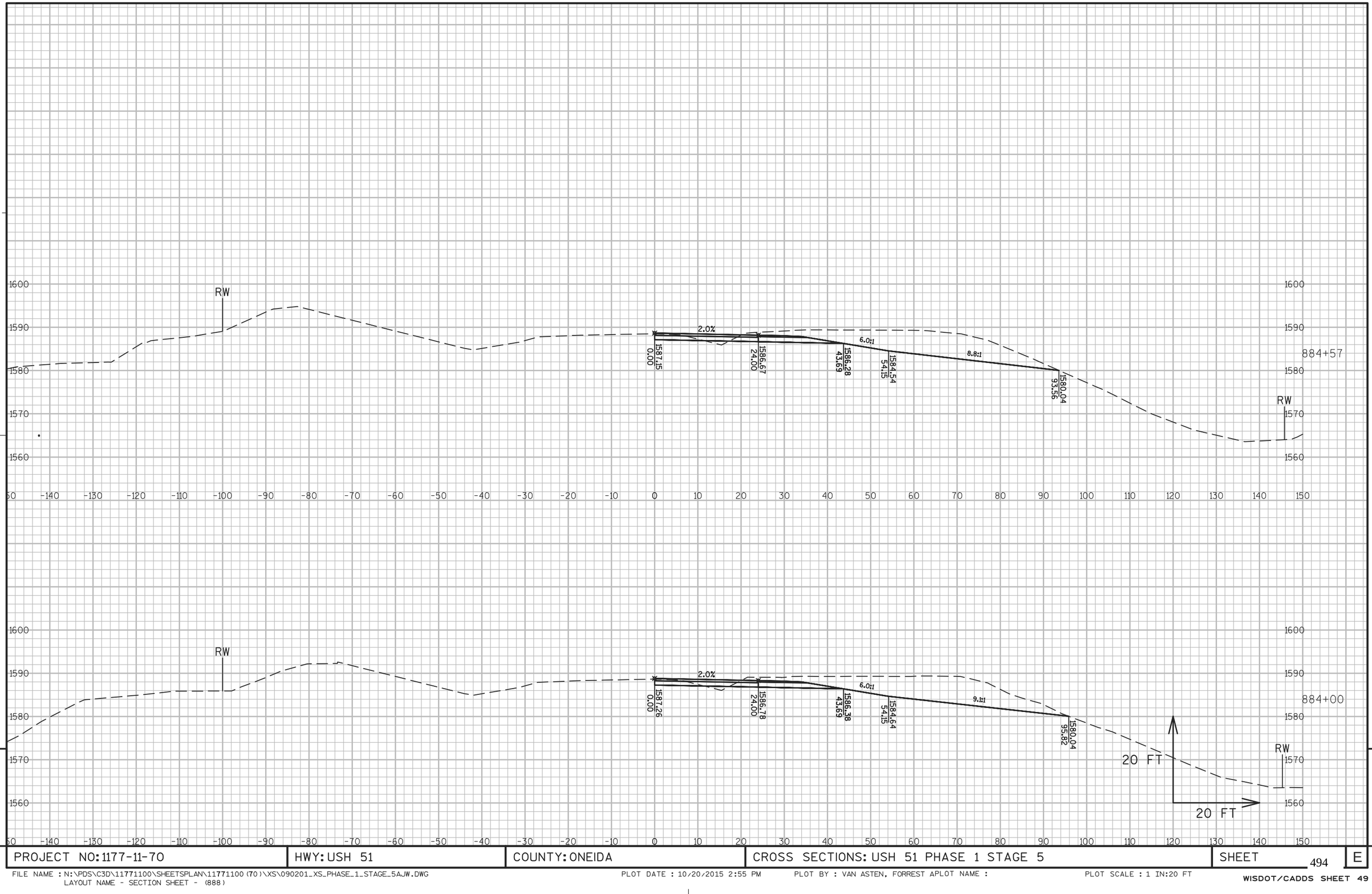
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 493	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (887)

PLOT DATE : 10/20/2015 2:53 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

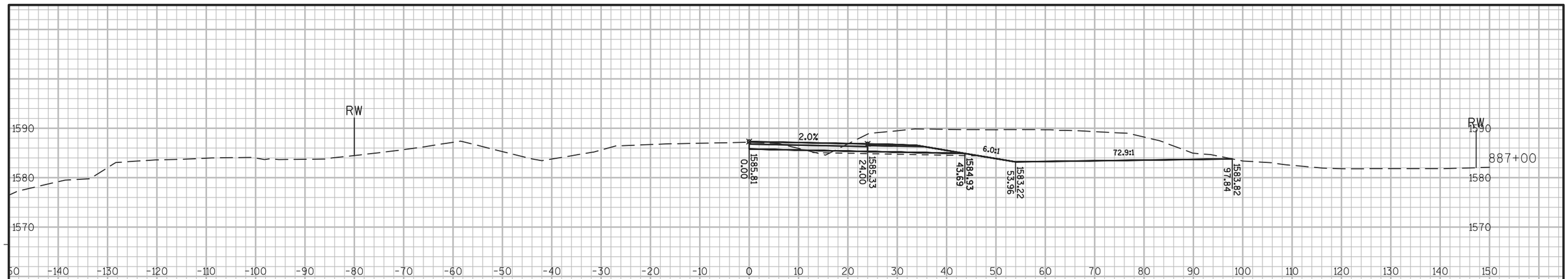
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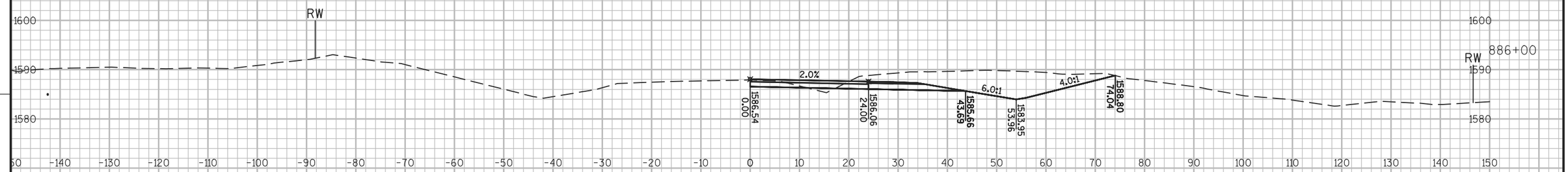
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 494	E

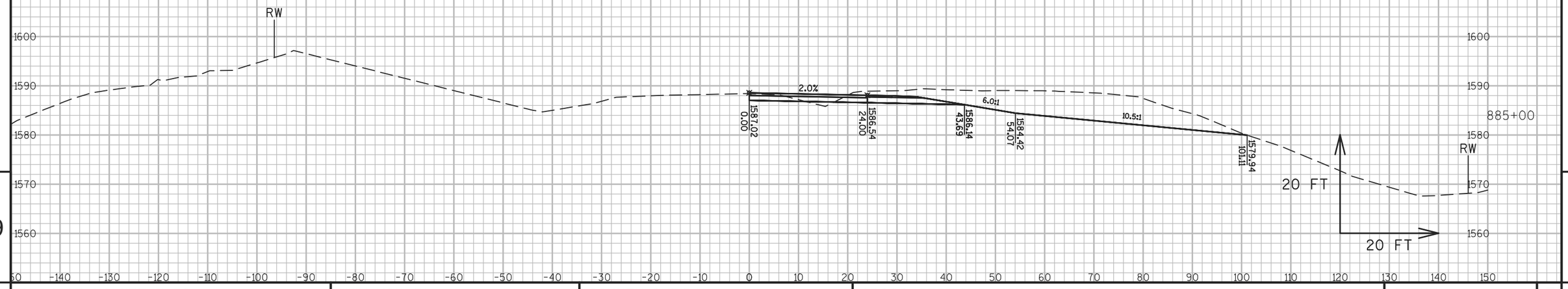
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (888)

PLOT DATE : 10/20/2015 2:55 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT







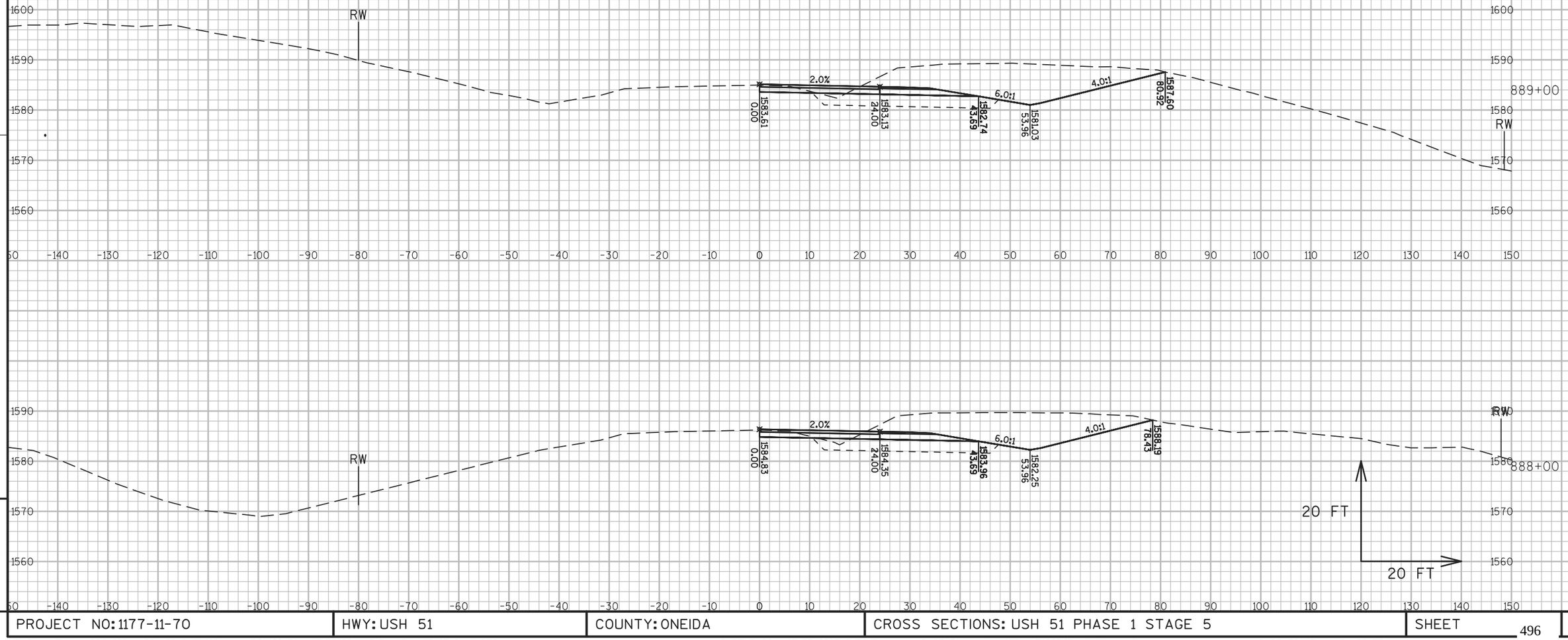
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 495	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (889)

PLOT DATE : 10/20/2015 2:57 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



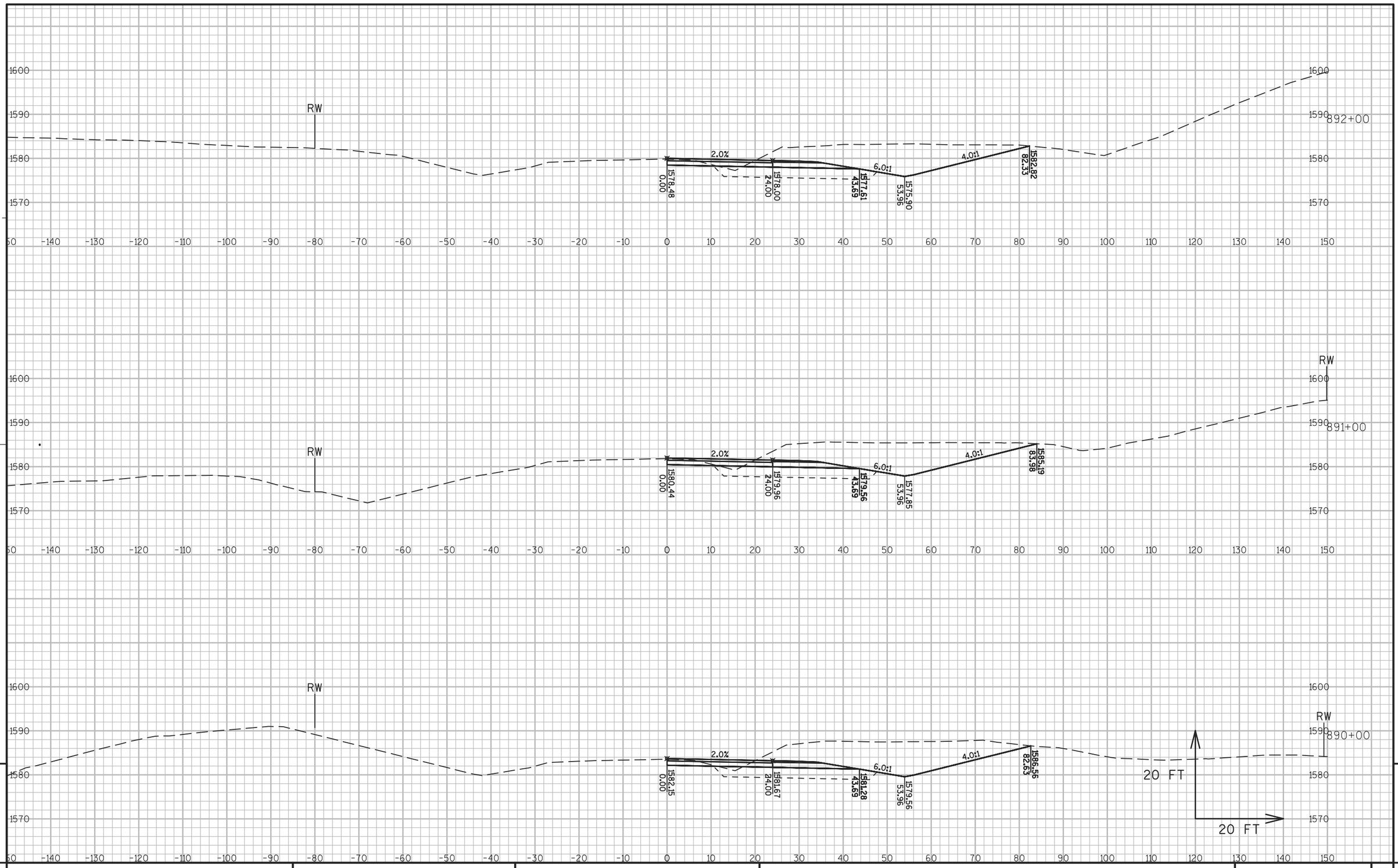
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 496	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (890)

PLOT DATE : 10/20/2015 2:59 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

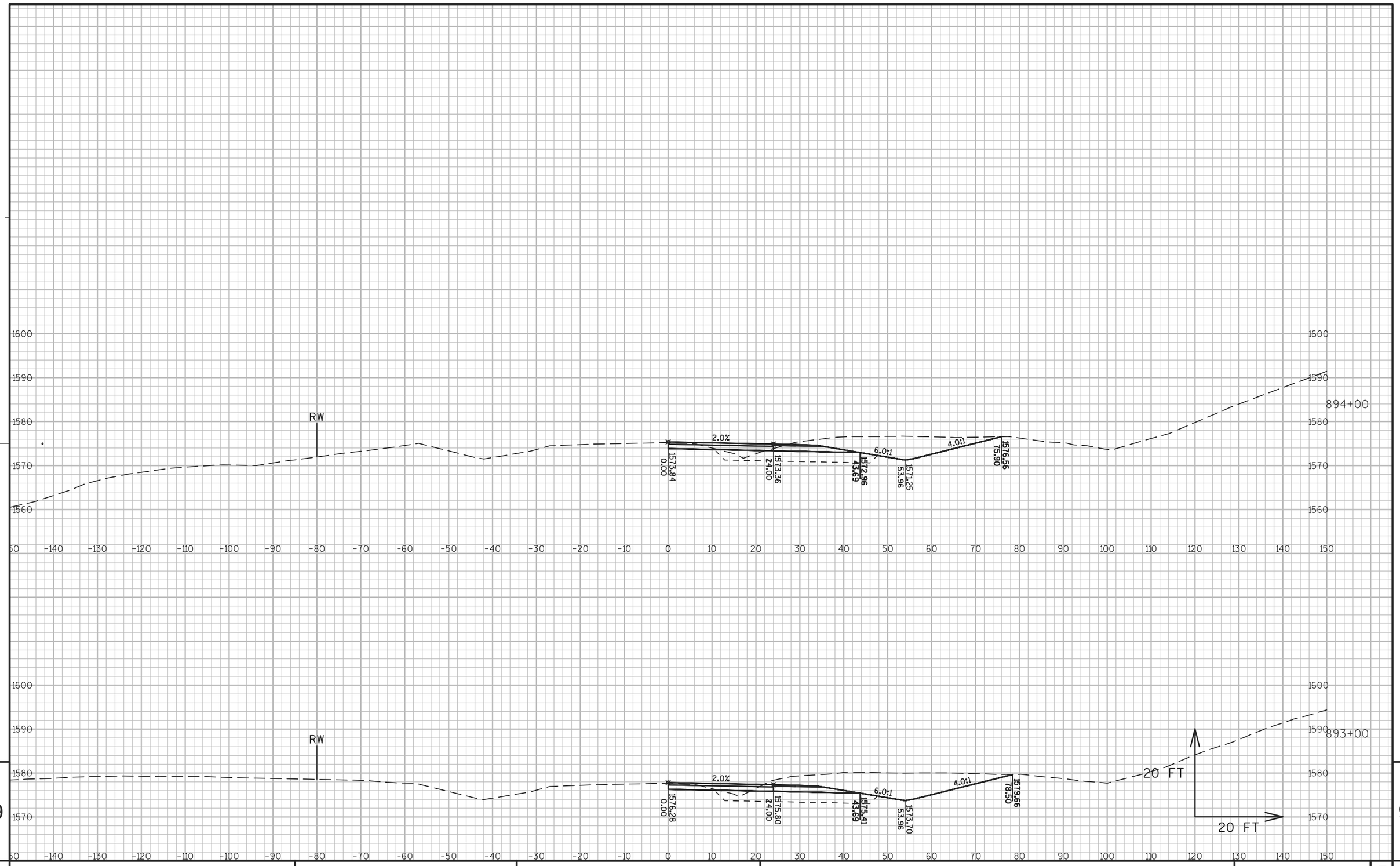
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 497	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (891)

PLOT DATE : 10/20/2015 3:00 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

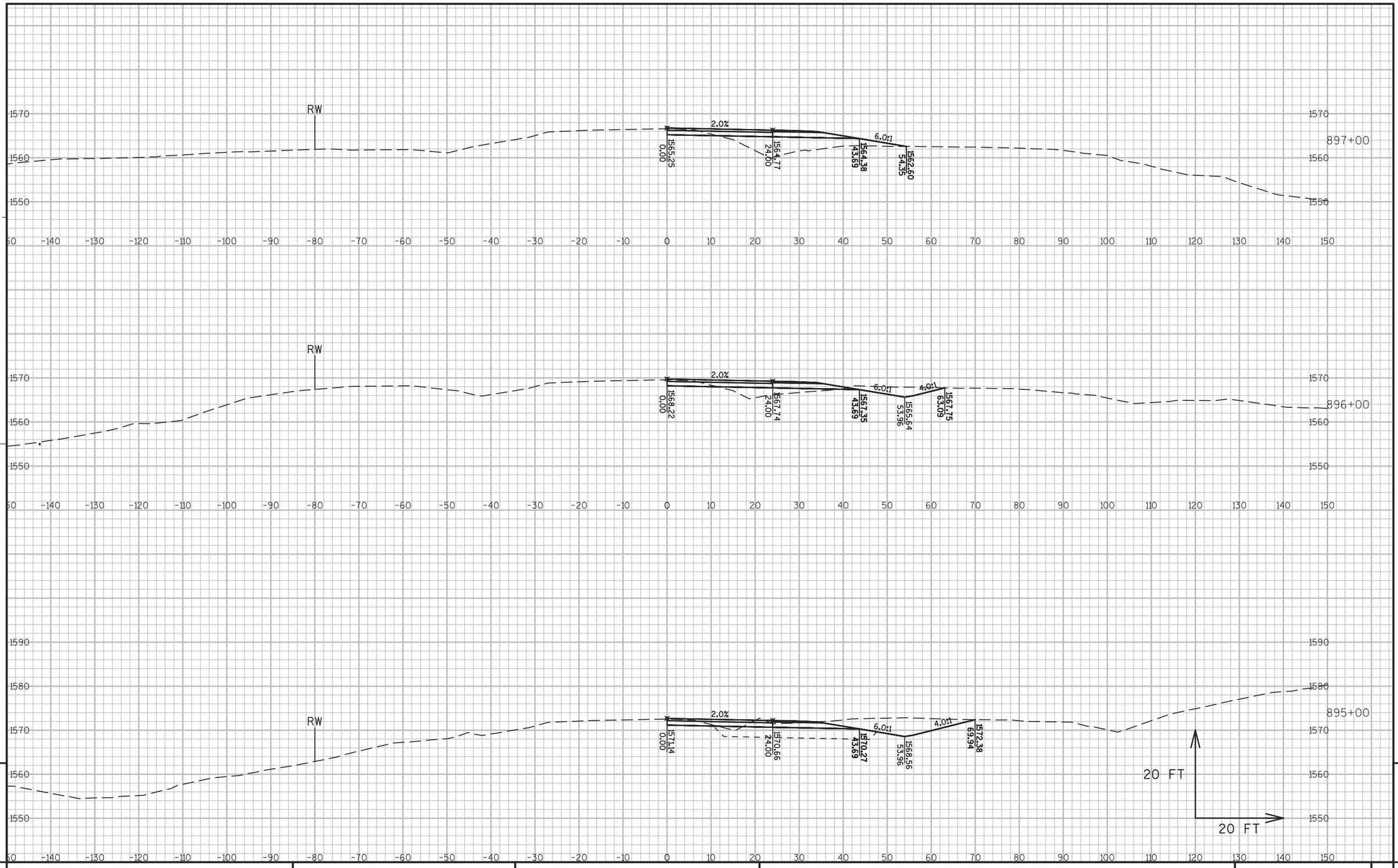


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 498	E

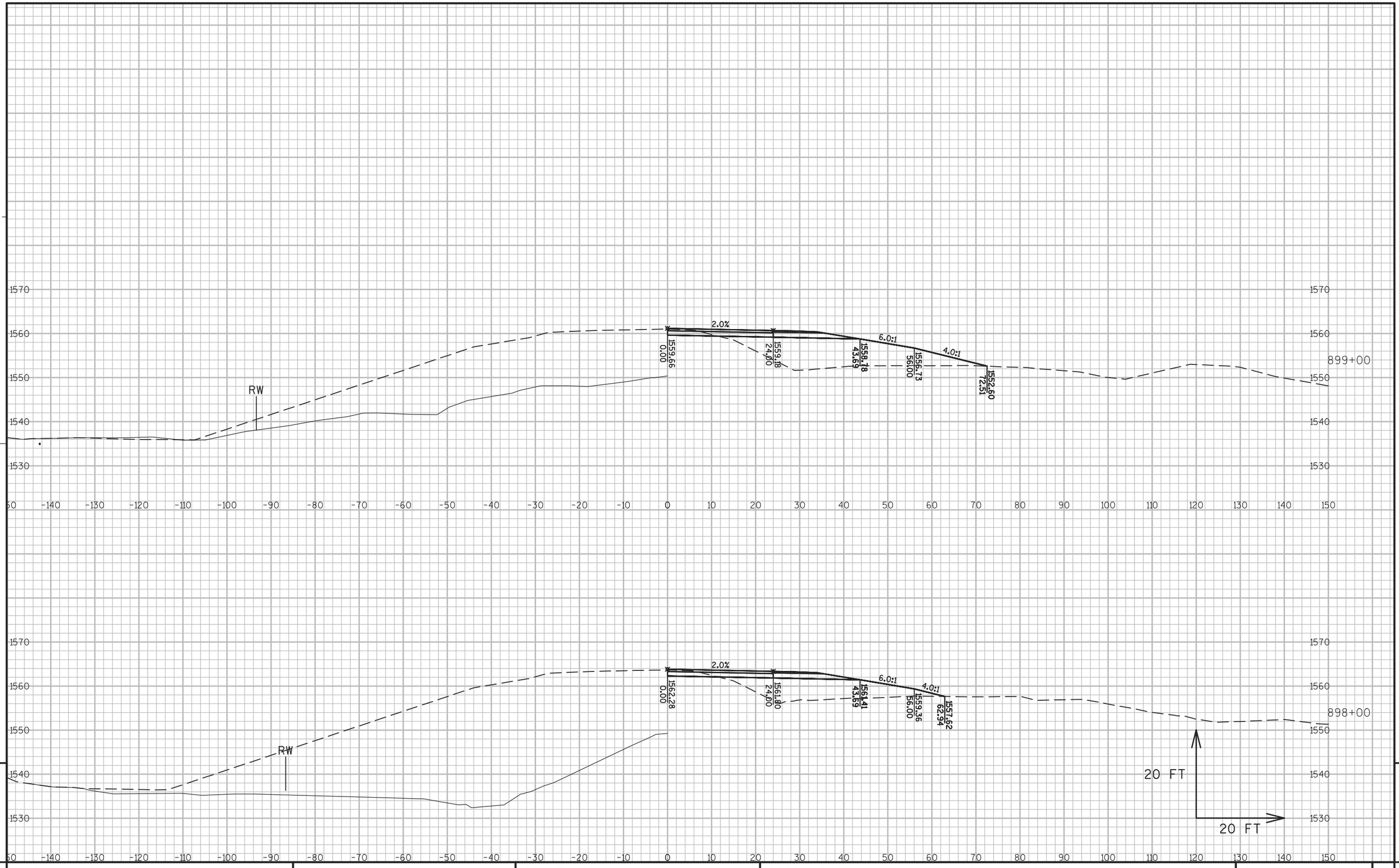
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LAYOUT NAME - SECTION SHEET - (892)
PLOT DATE : 10/20/2015 3:01 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 499	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (893)

PLOT DATE : 10/20/2015 3:03 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



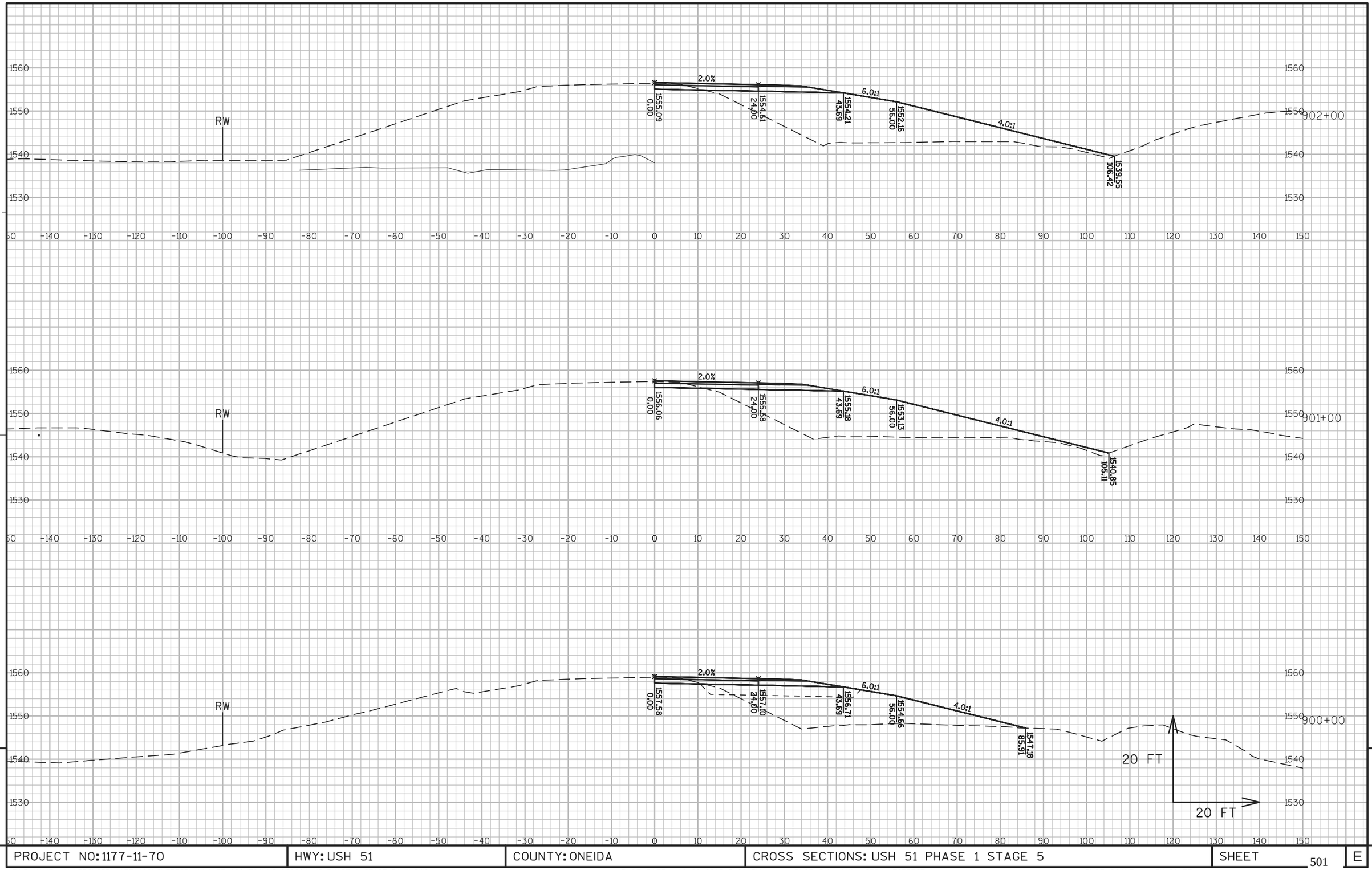
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 500	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (894)

PLOT DATE : 10/20/2015 3:04 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



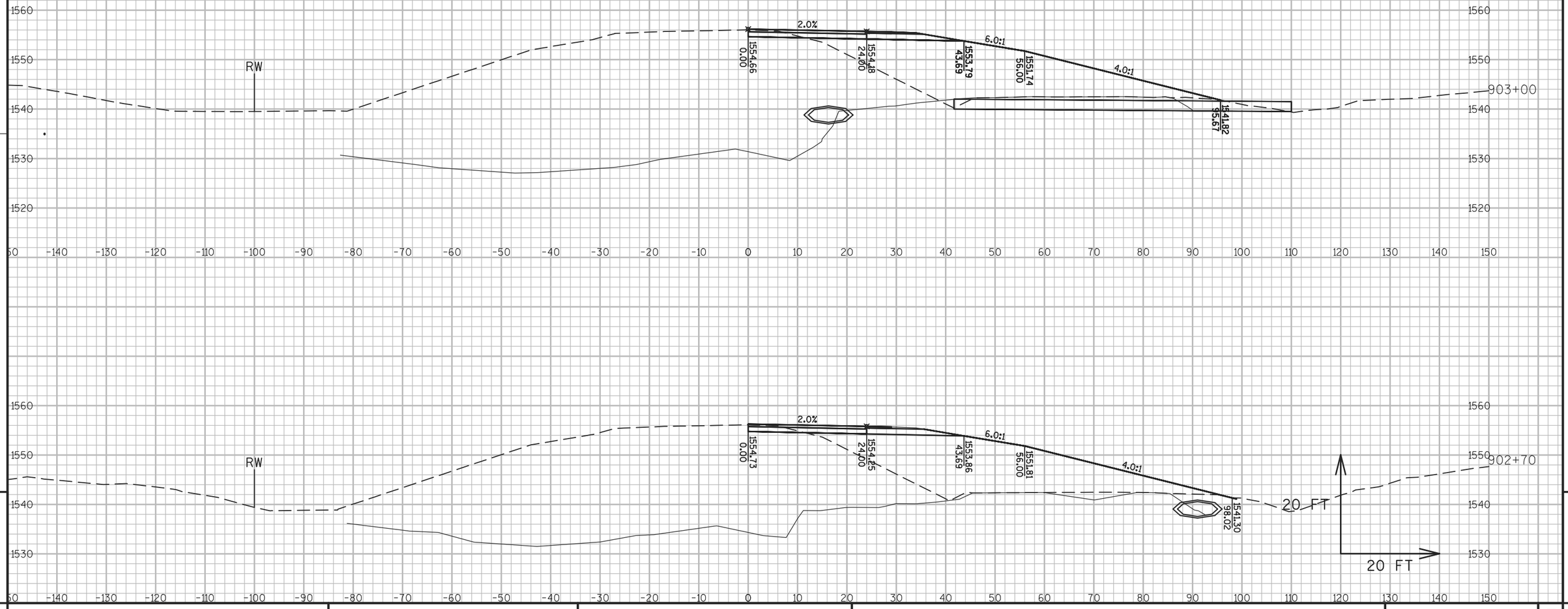
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 501	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (895)

PLOT DATE : 10/20/2015 3:06 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



9

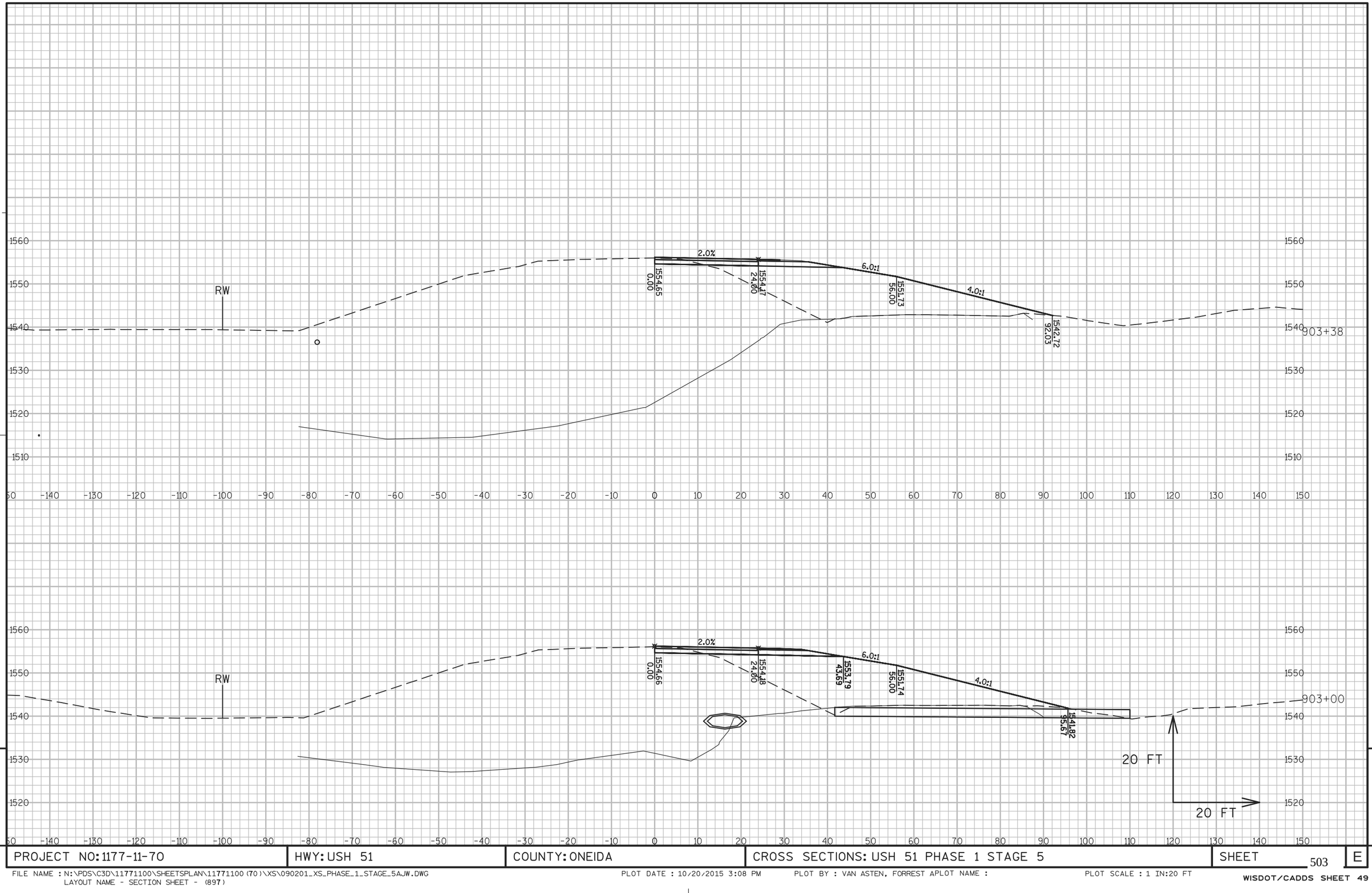
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 502	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (896)

PLOT DATE : 10/20/2015 3:07 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

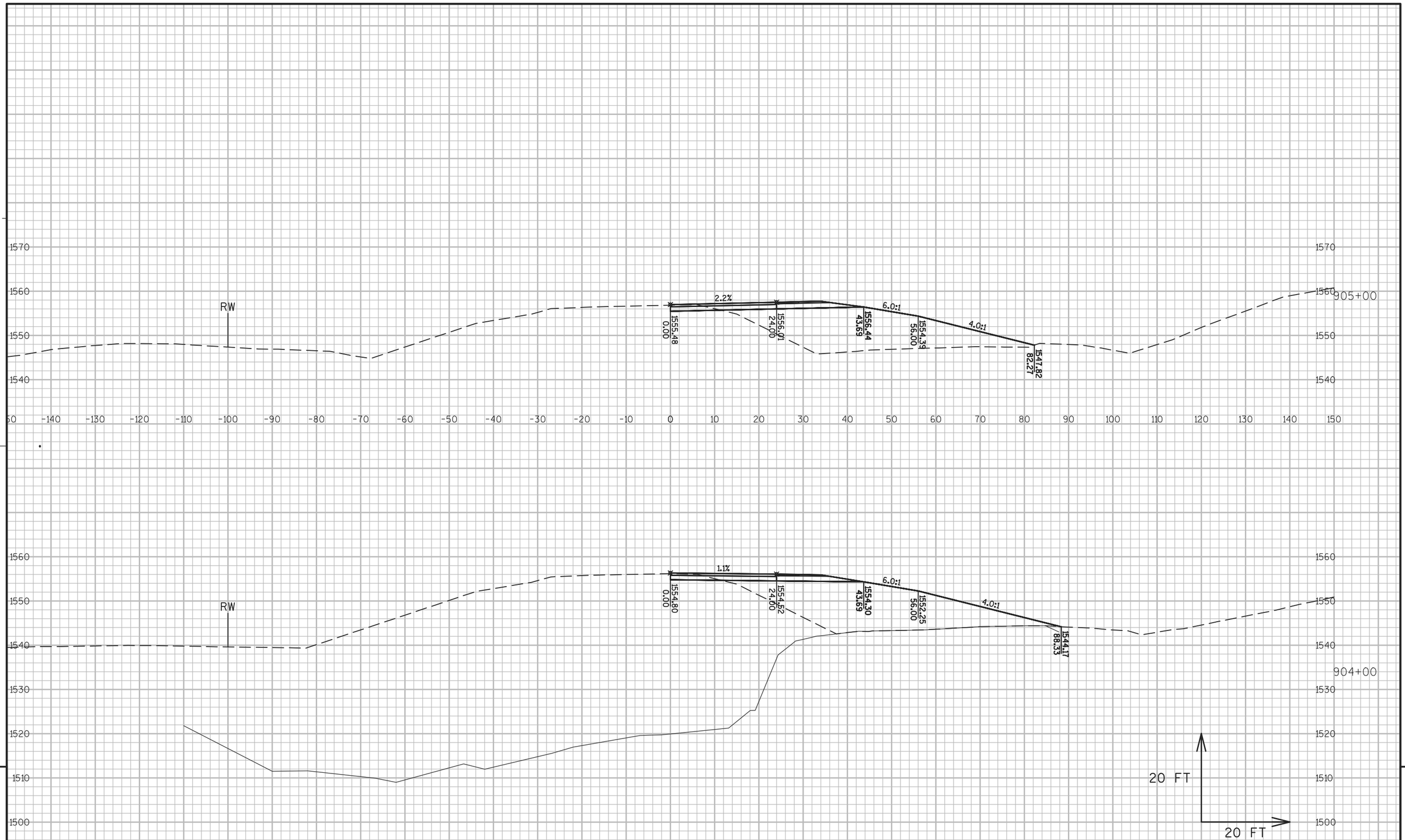


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 503	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (897)

PLOT DATE : 10/20/2015 3:08 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

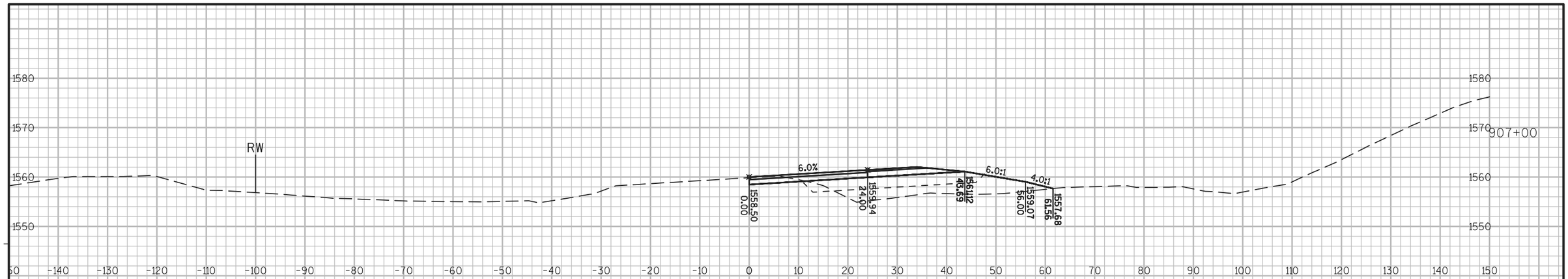


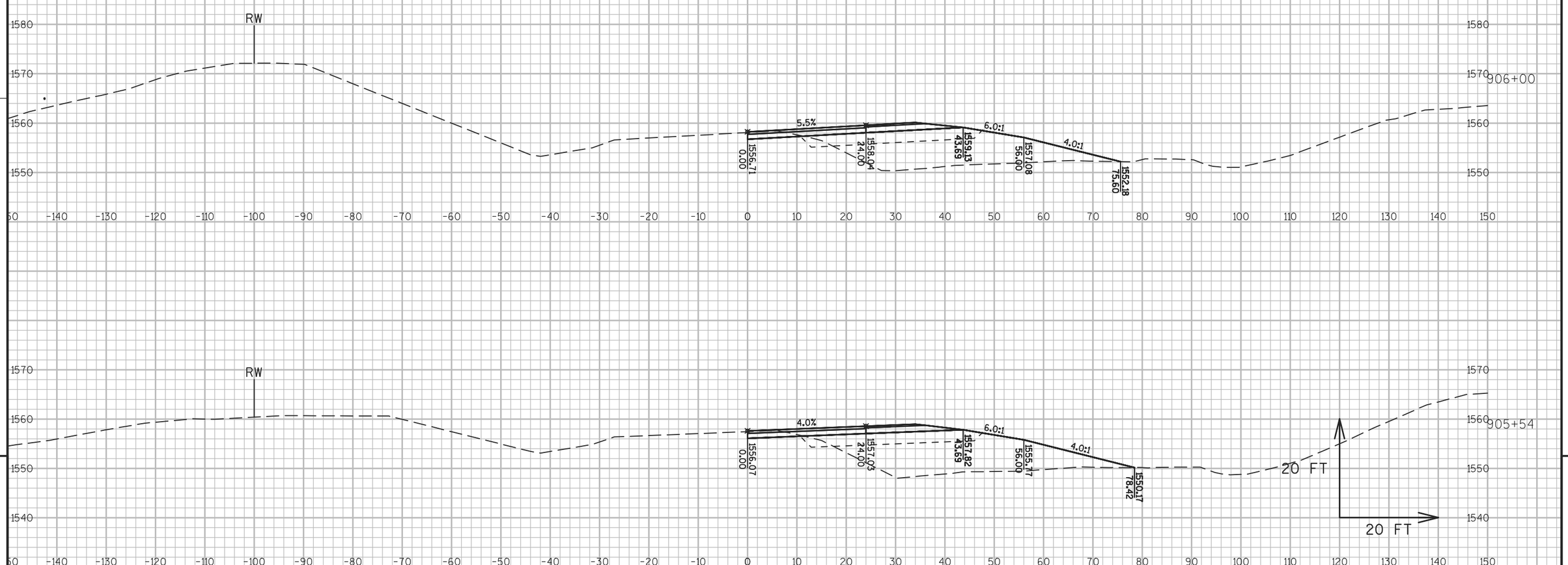
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 504	E

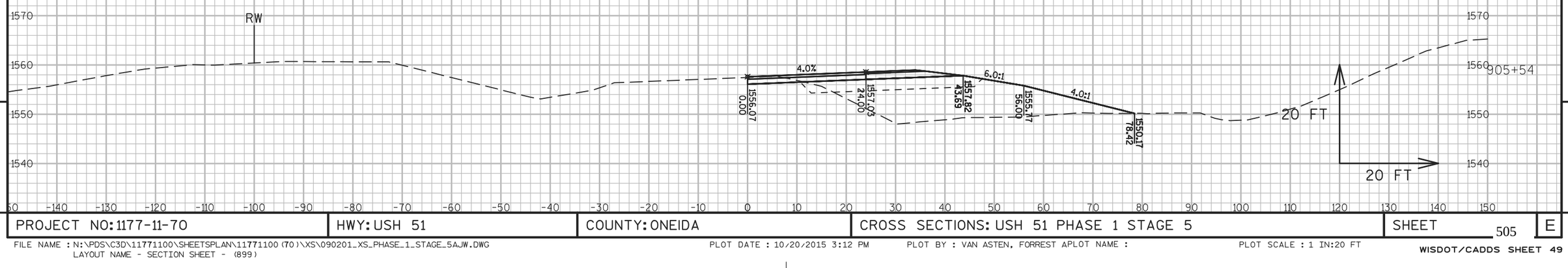
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (898)

PLOT DATE : 10/20/2015 3:10 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT







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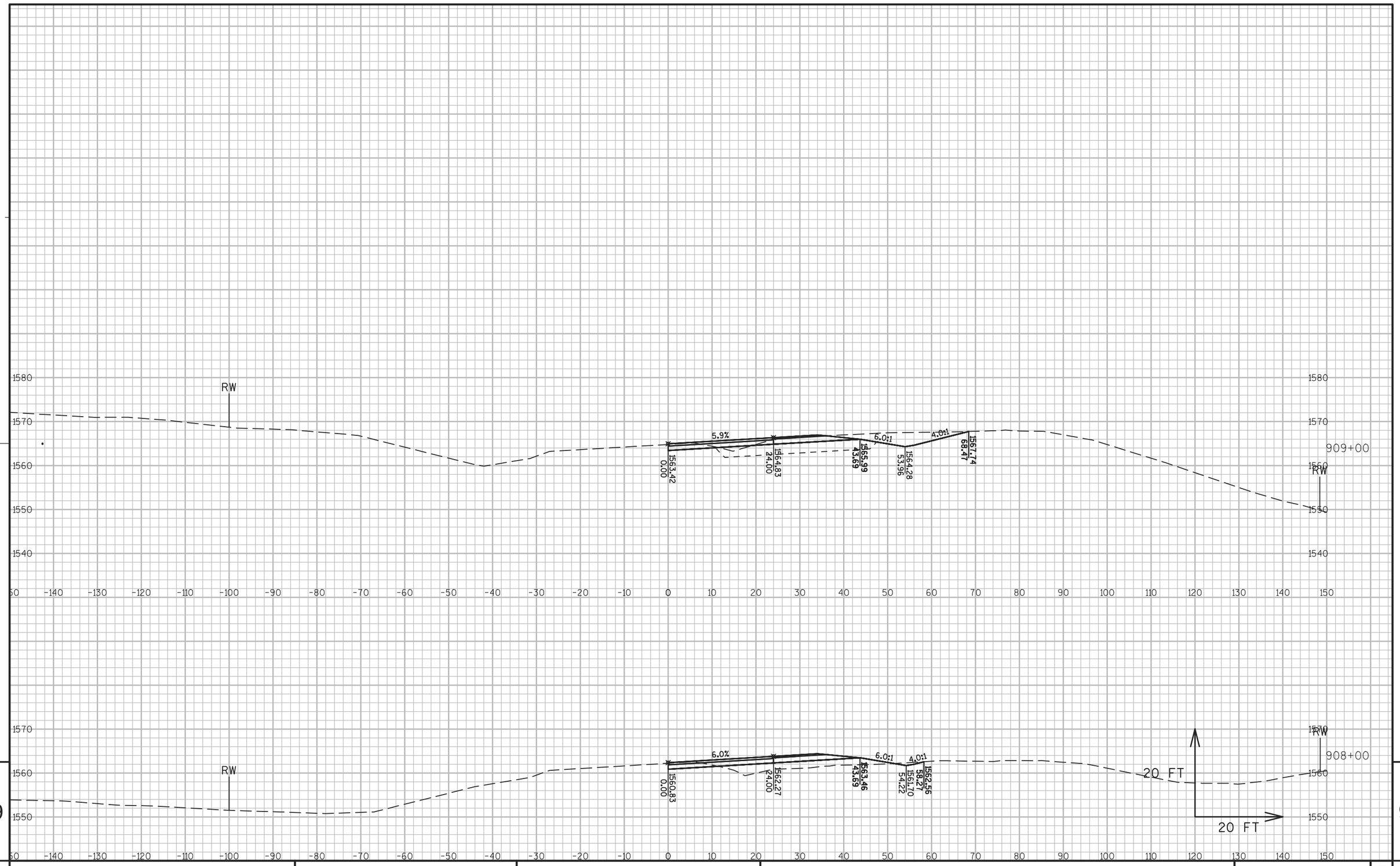
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 505	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (899)

PLOT DATE : 10/20/2015 3:12 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT



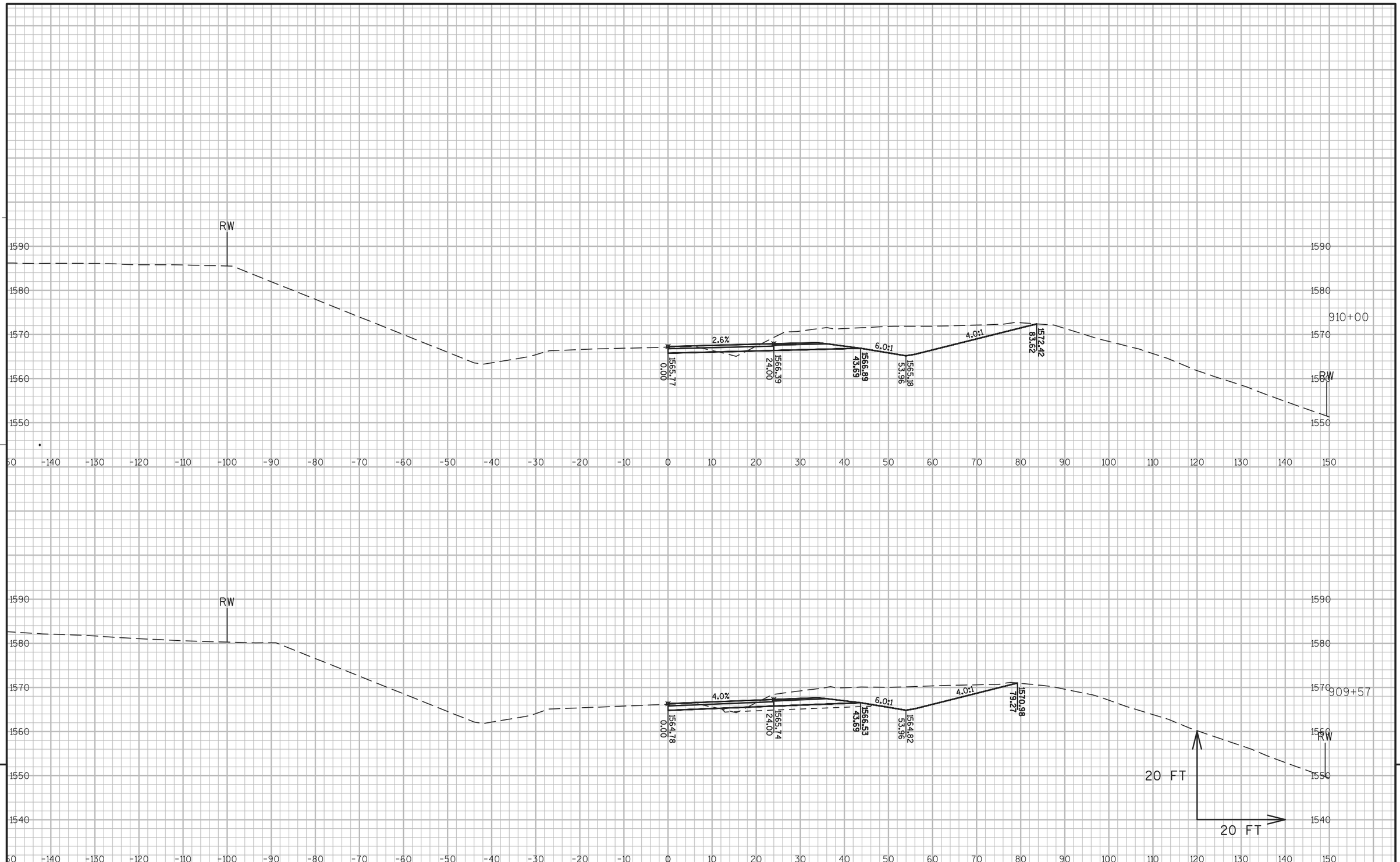
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9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 506	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (900)

PLOT DATE : 10/20/2015 3:13 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



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9

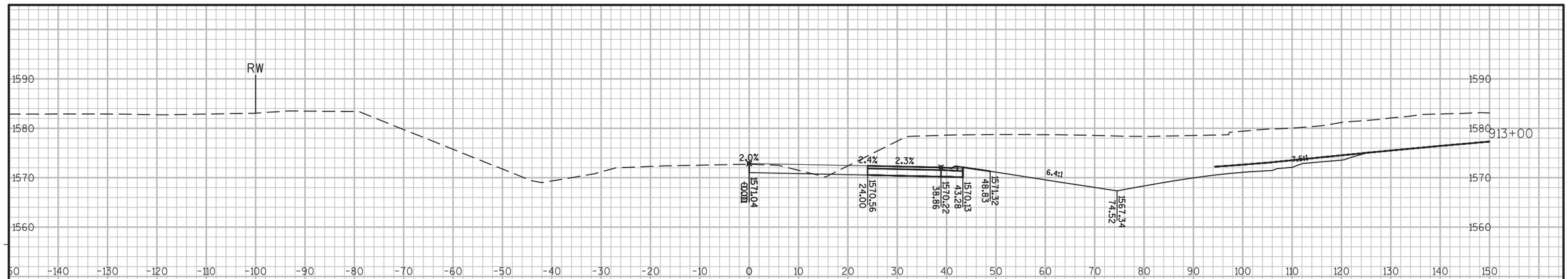
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 507	E

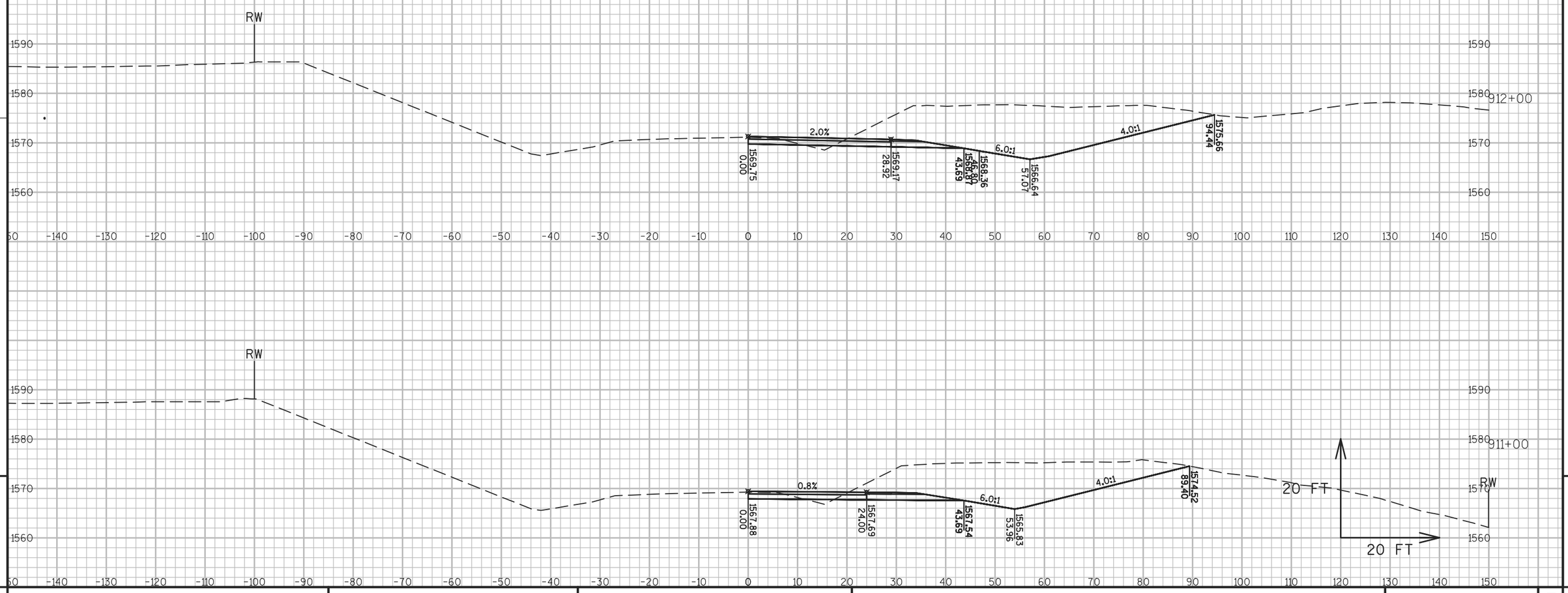
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (901)

PLOT DATE : 10/20/2015 3:15 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





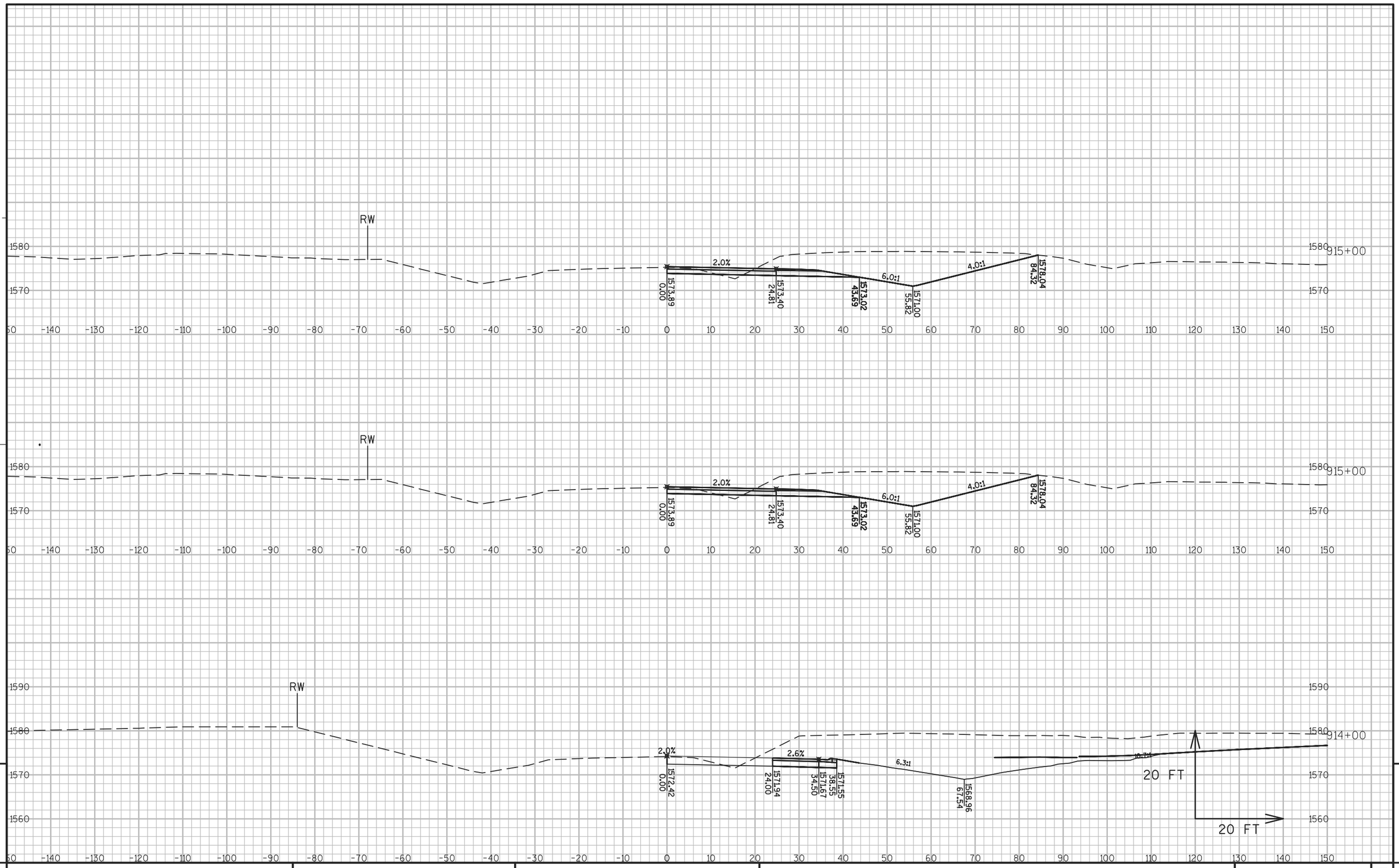
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 508	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (902)

PLOT DATE : 10/20/2015 3:16 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



9

9

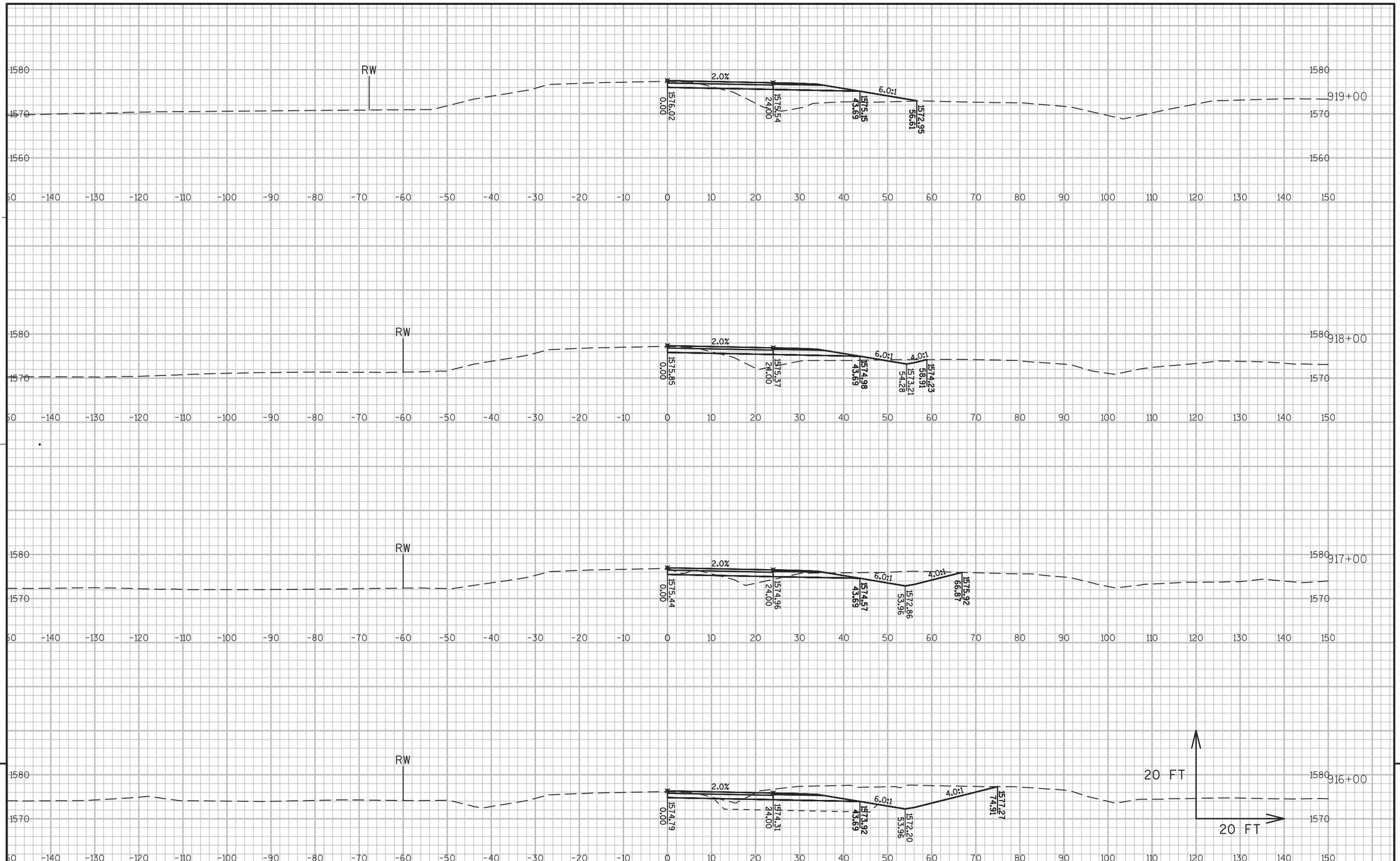
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 509	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (903)

PLOT DATE : 10/20/2015 3:17 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

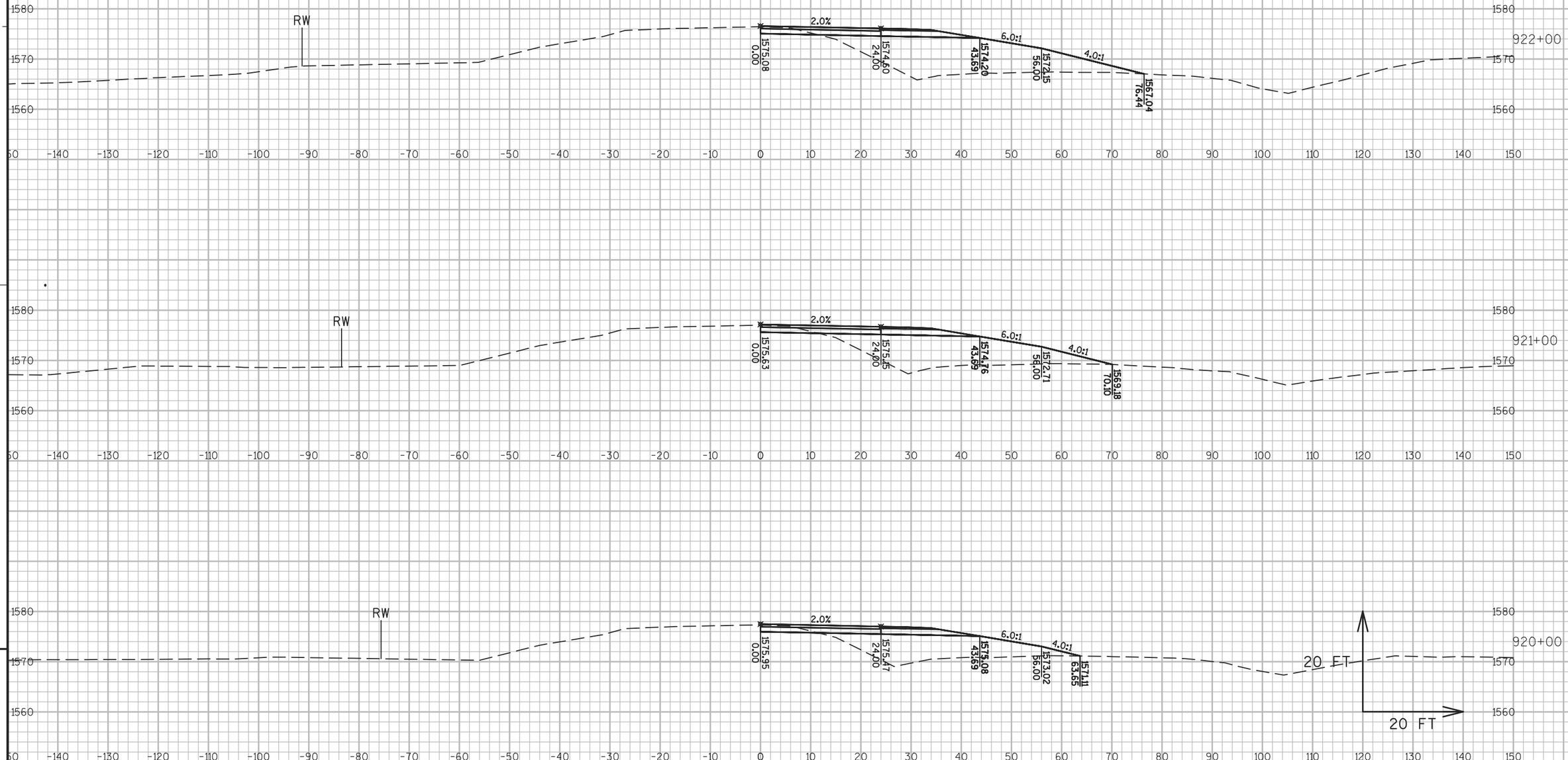
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 510	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (904)

PLOT DATE : 10/20/2015 3:19 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

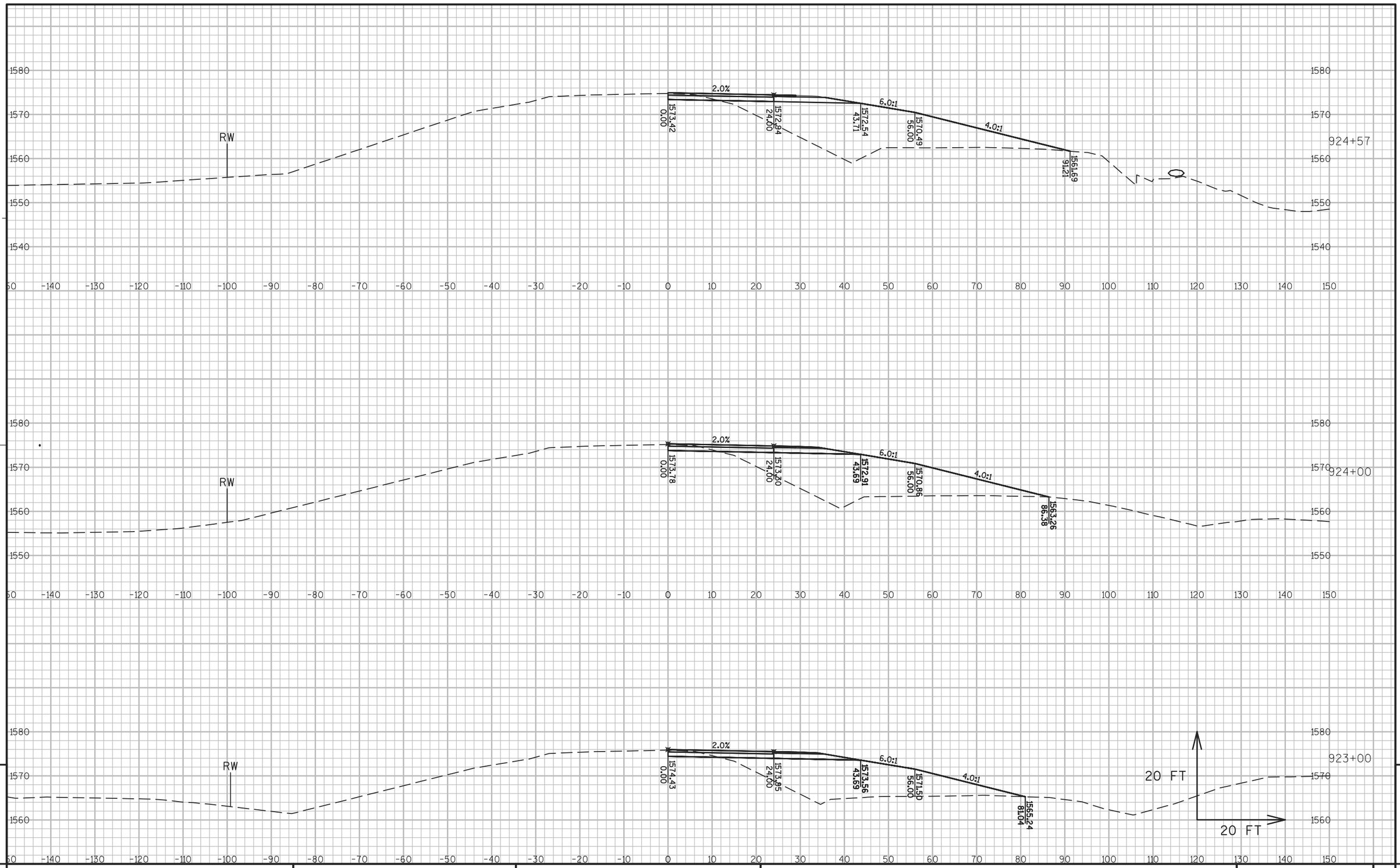


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 511	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (905)

PLOT DATE : 10/20/2015 3:20 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

9

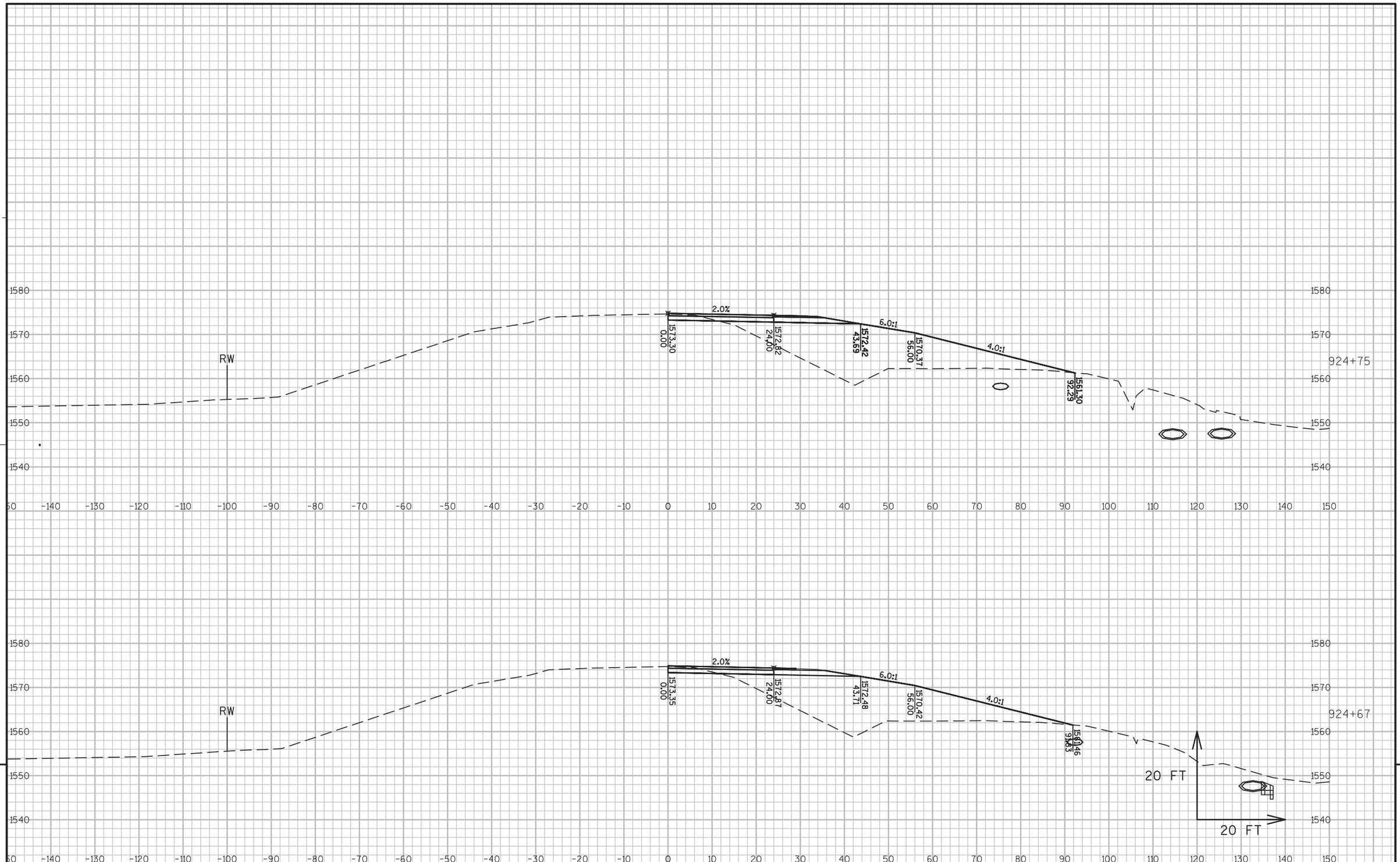
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 512	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (906)

PLOT DATE : 10/20/2015 3:22 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

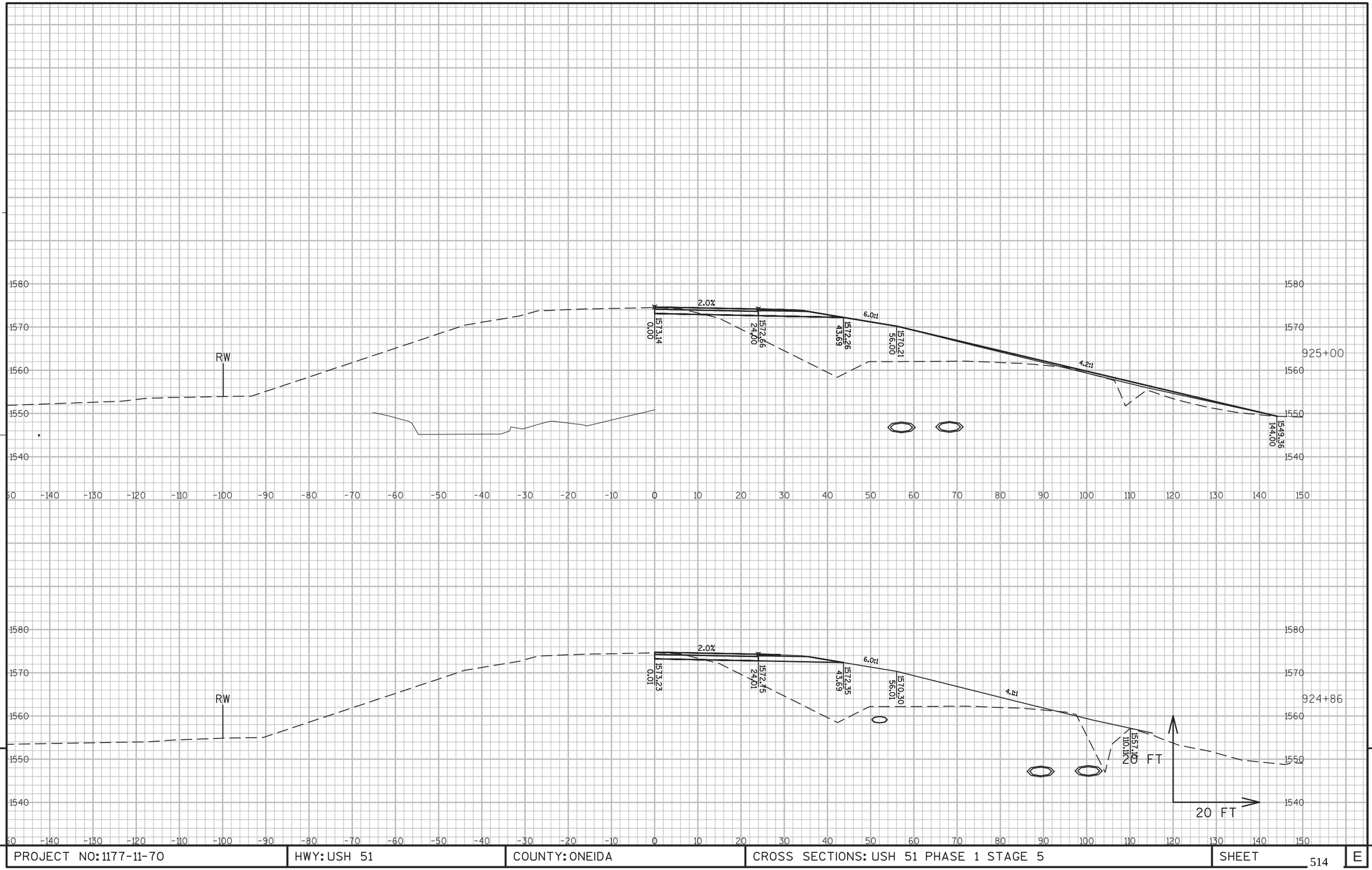
WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 513	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (907)

PLOT DATE : 10/20/2015 3:23 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



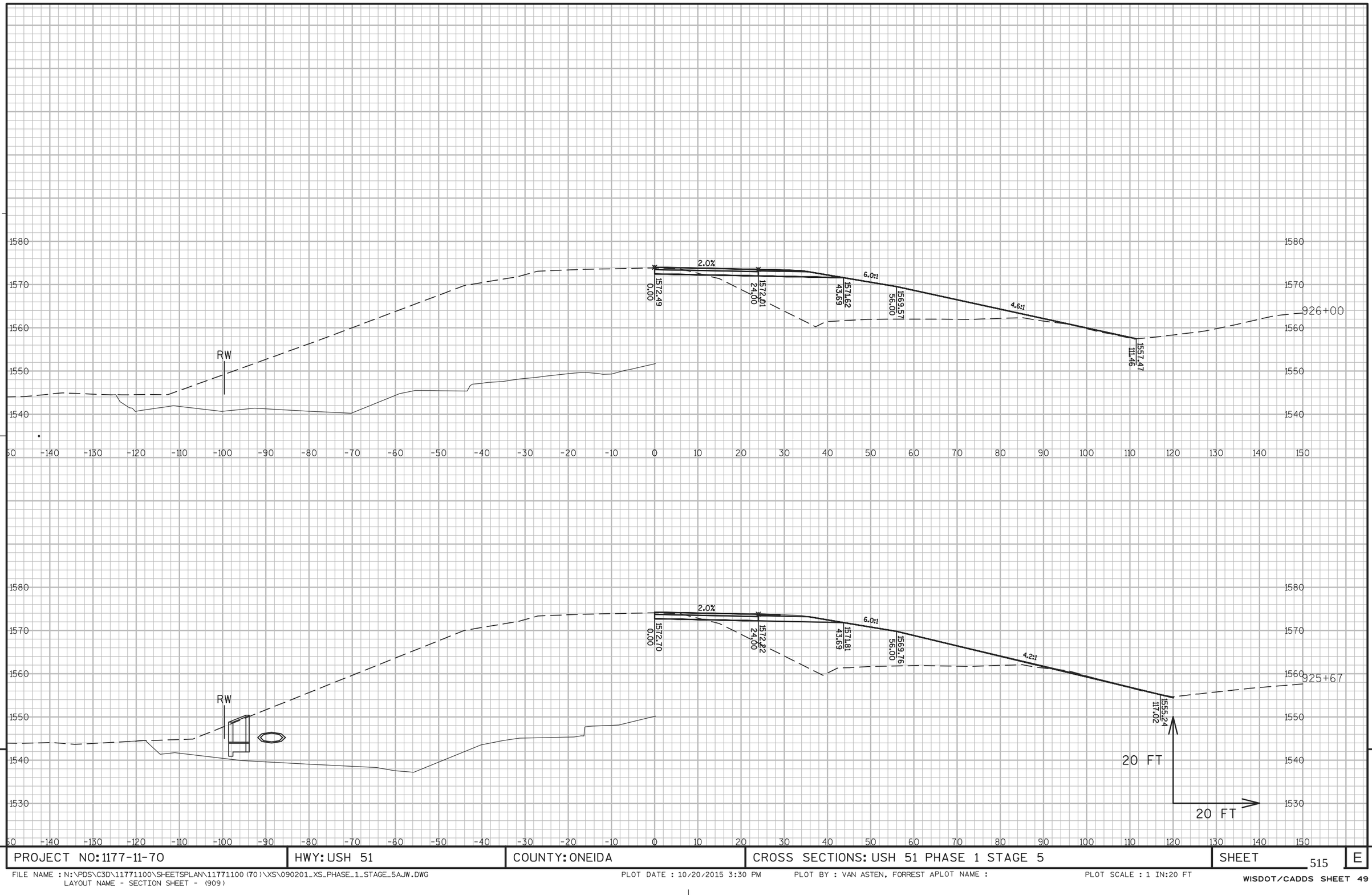
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 514	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (908)

PLOT DATE : 10/20/2015 3:26 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

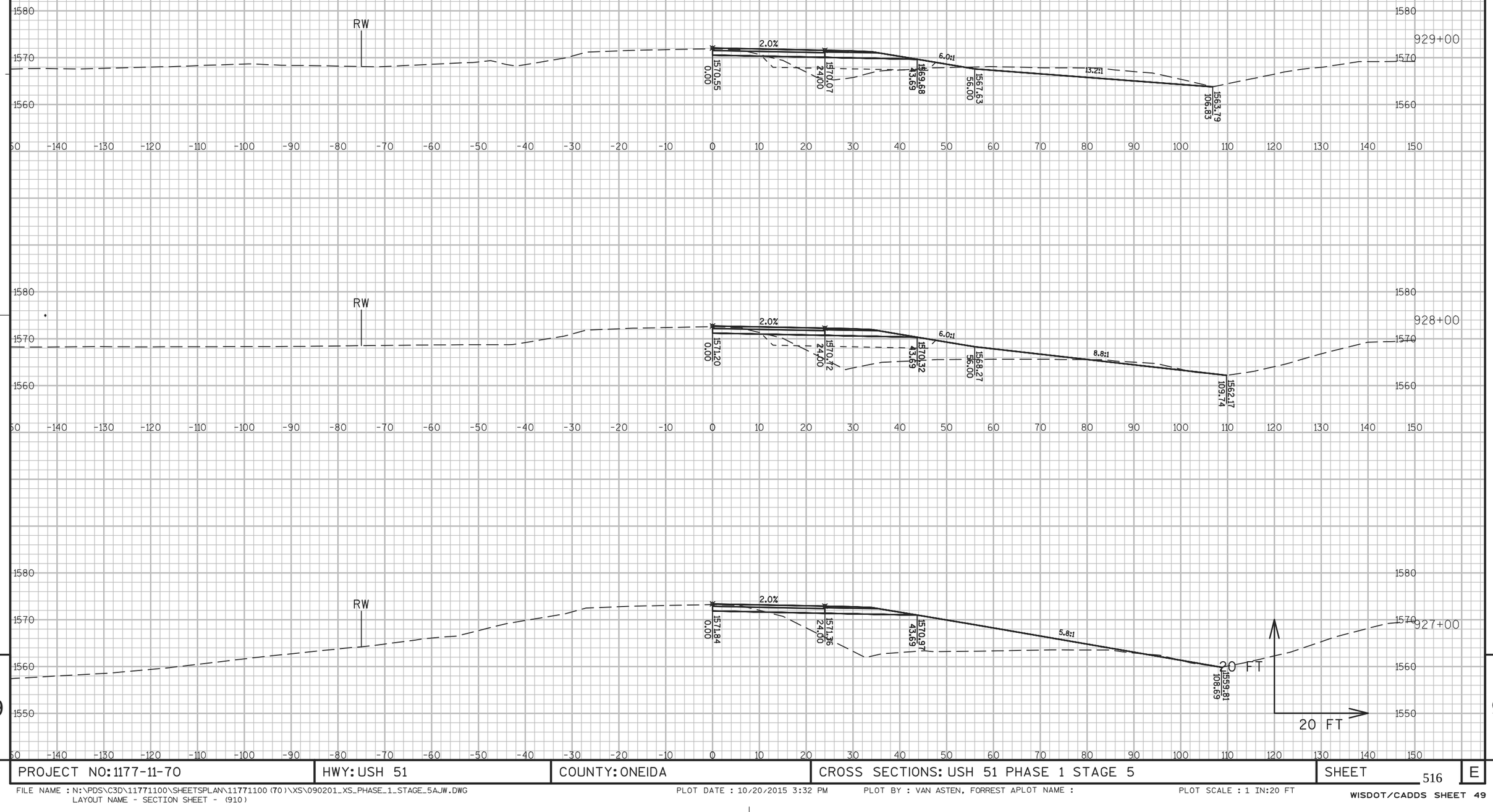


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 515	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (909)

PLOT DATE : 10/20/2015 3:30 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

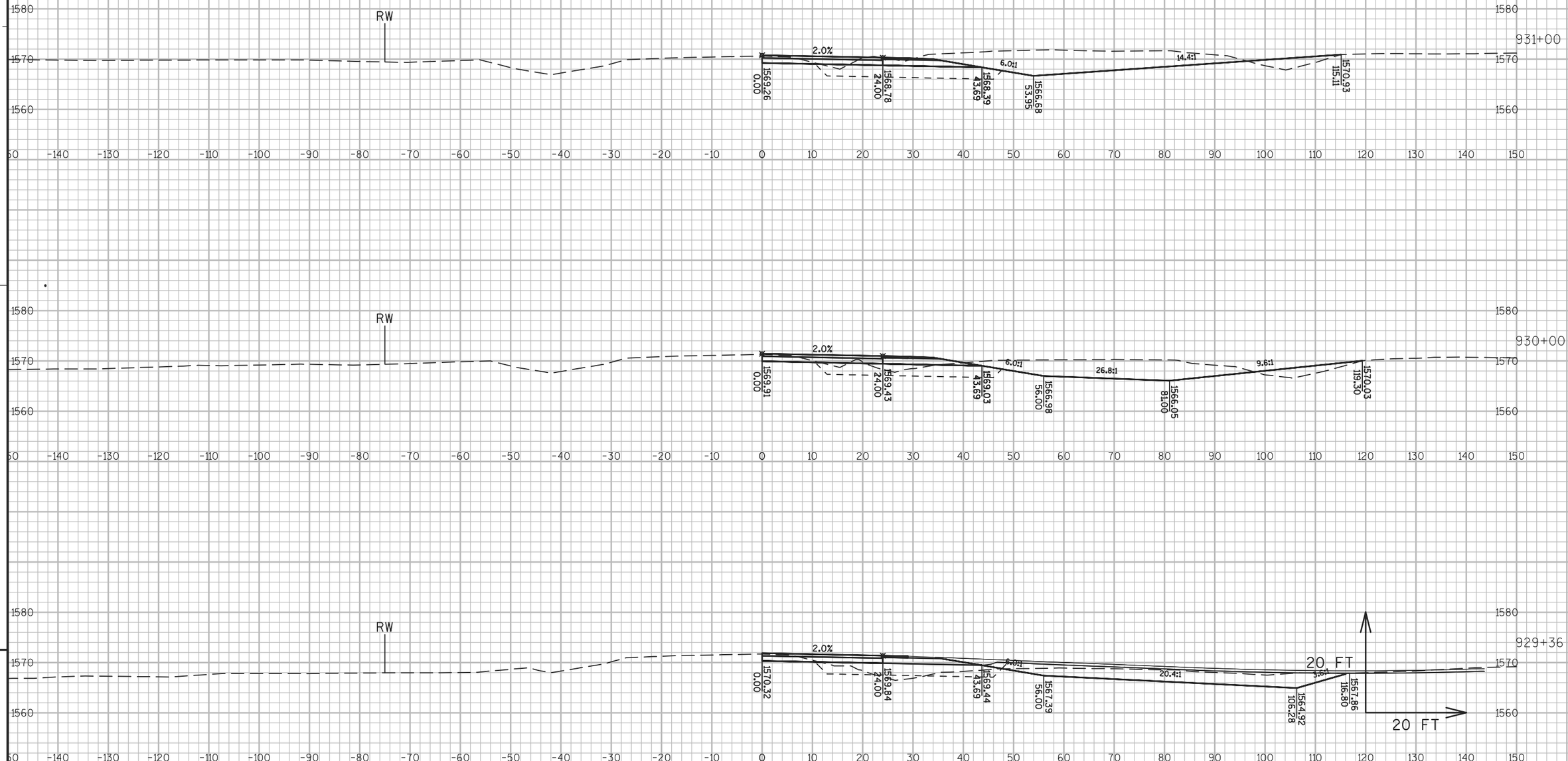


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 516	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (910)

PLOT DATE : 10/20/2015 3:32 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



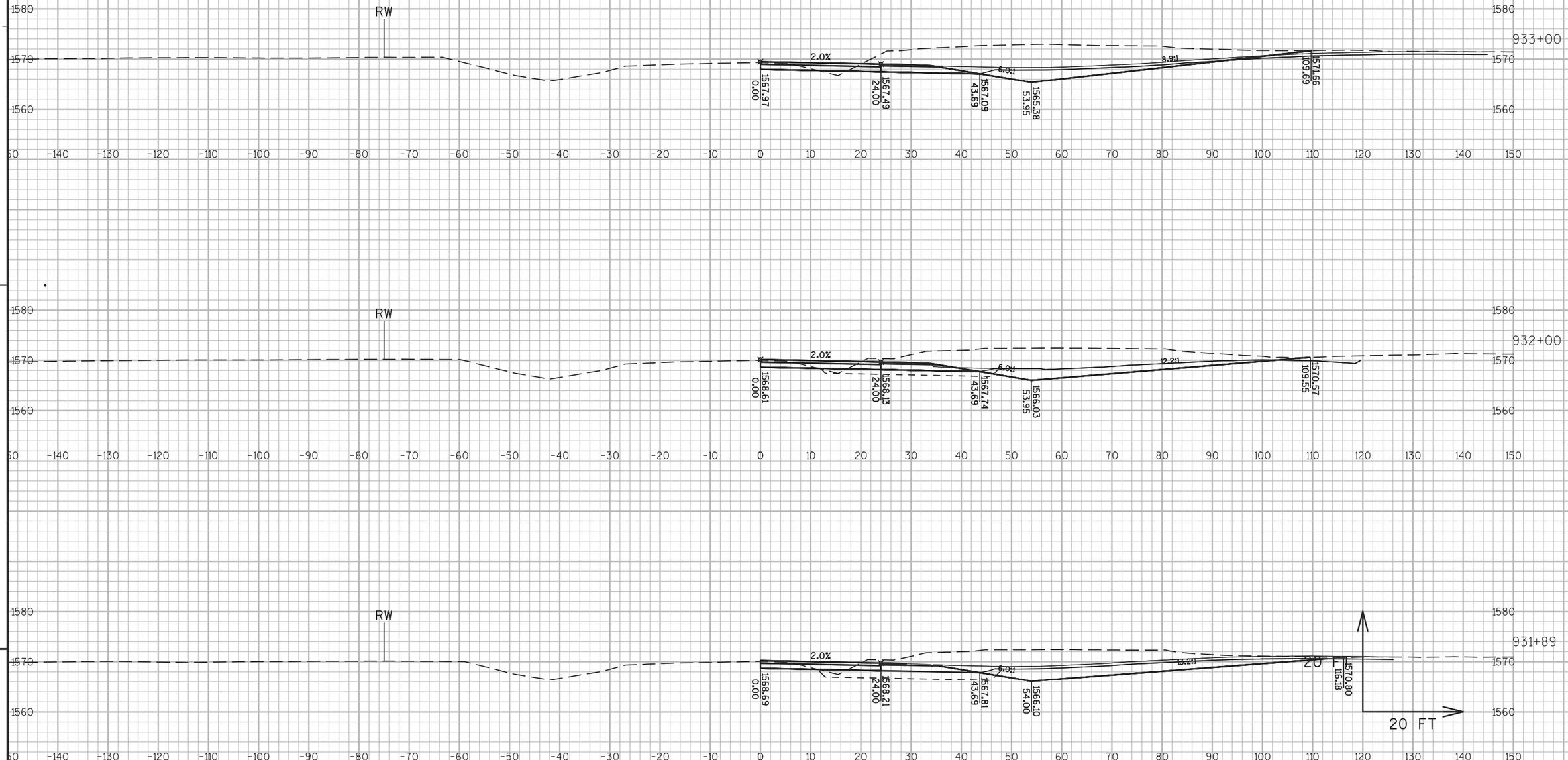
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 517	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (911)

PLOT DATE : 10/20/2015 3:34 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

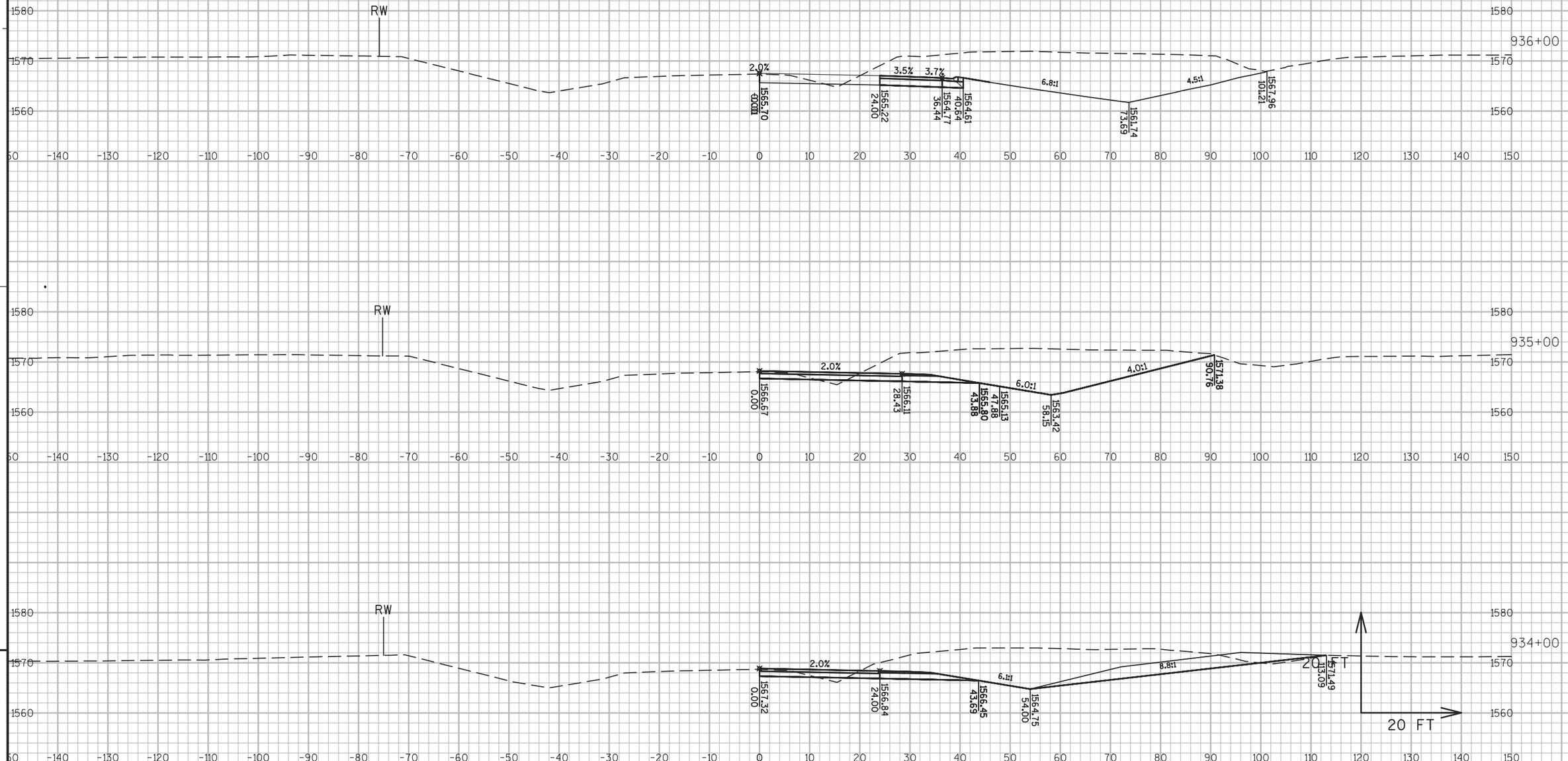
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 518	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (912)

PLOT DATE : 10/20/2015 3:37 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

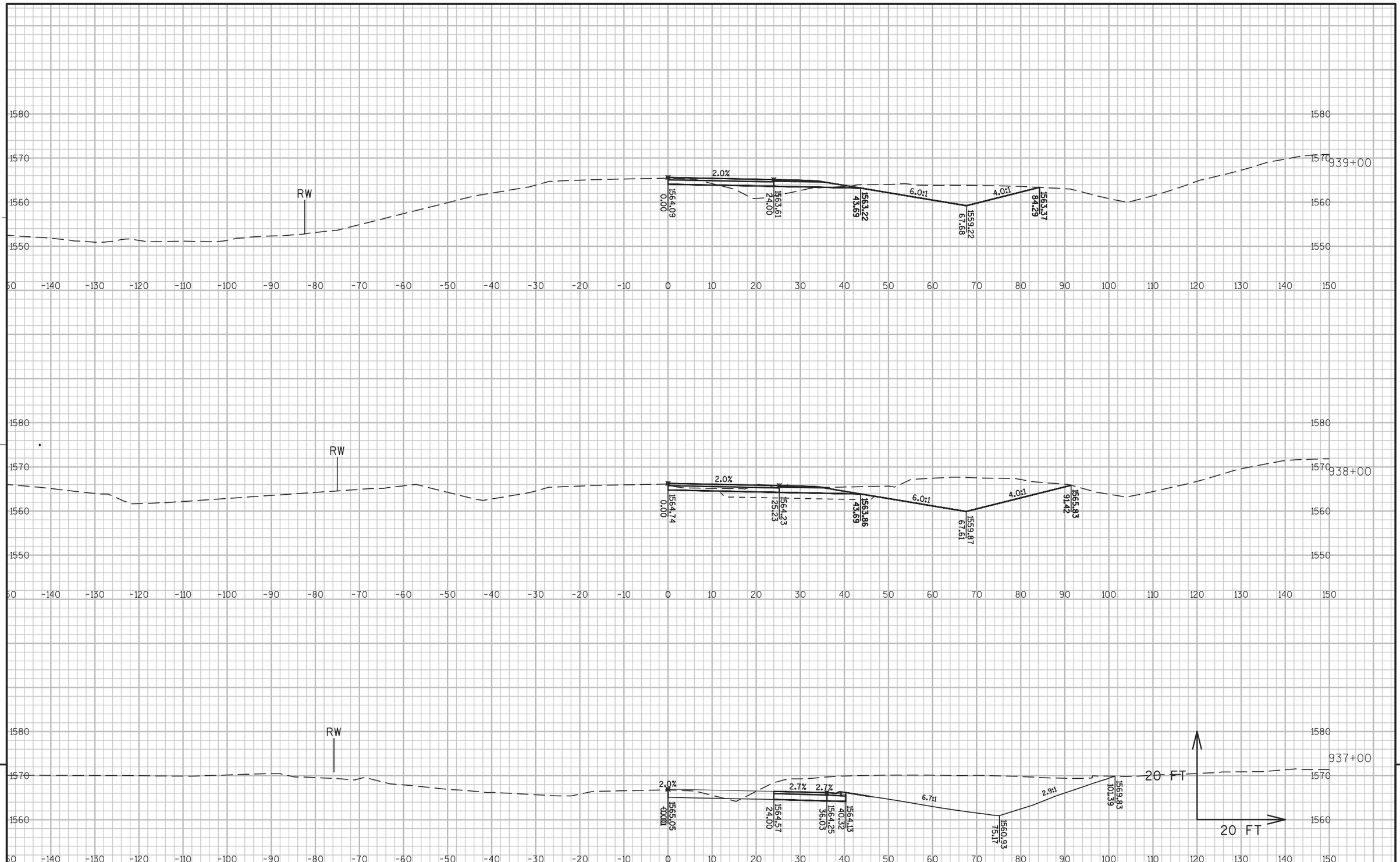


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 519	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (913)

PLOT DATE : 10/20/2015 3:39 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



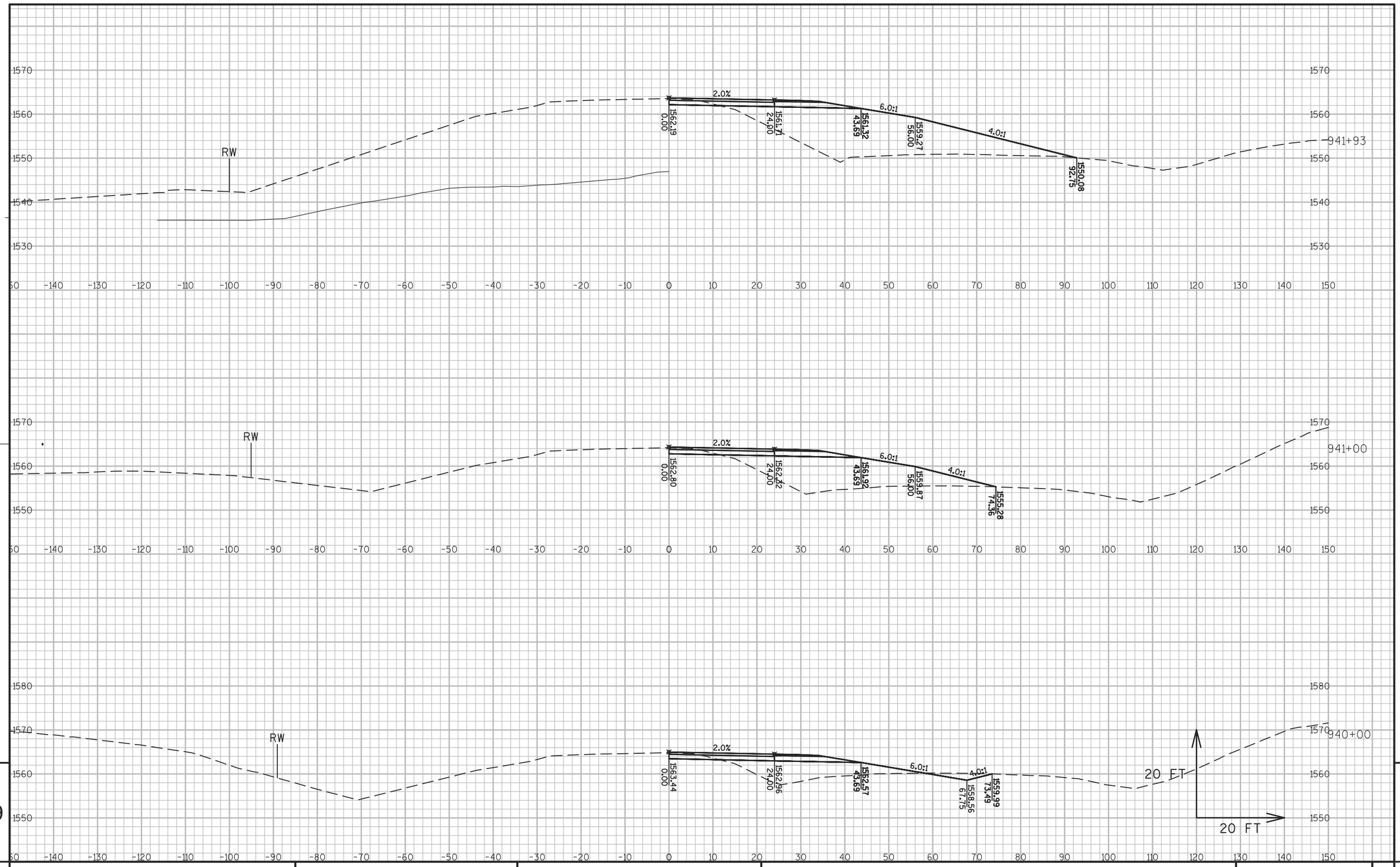
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 520	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (914)

PLOT DATE : 10/20/2015 3:41 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

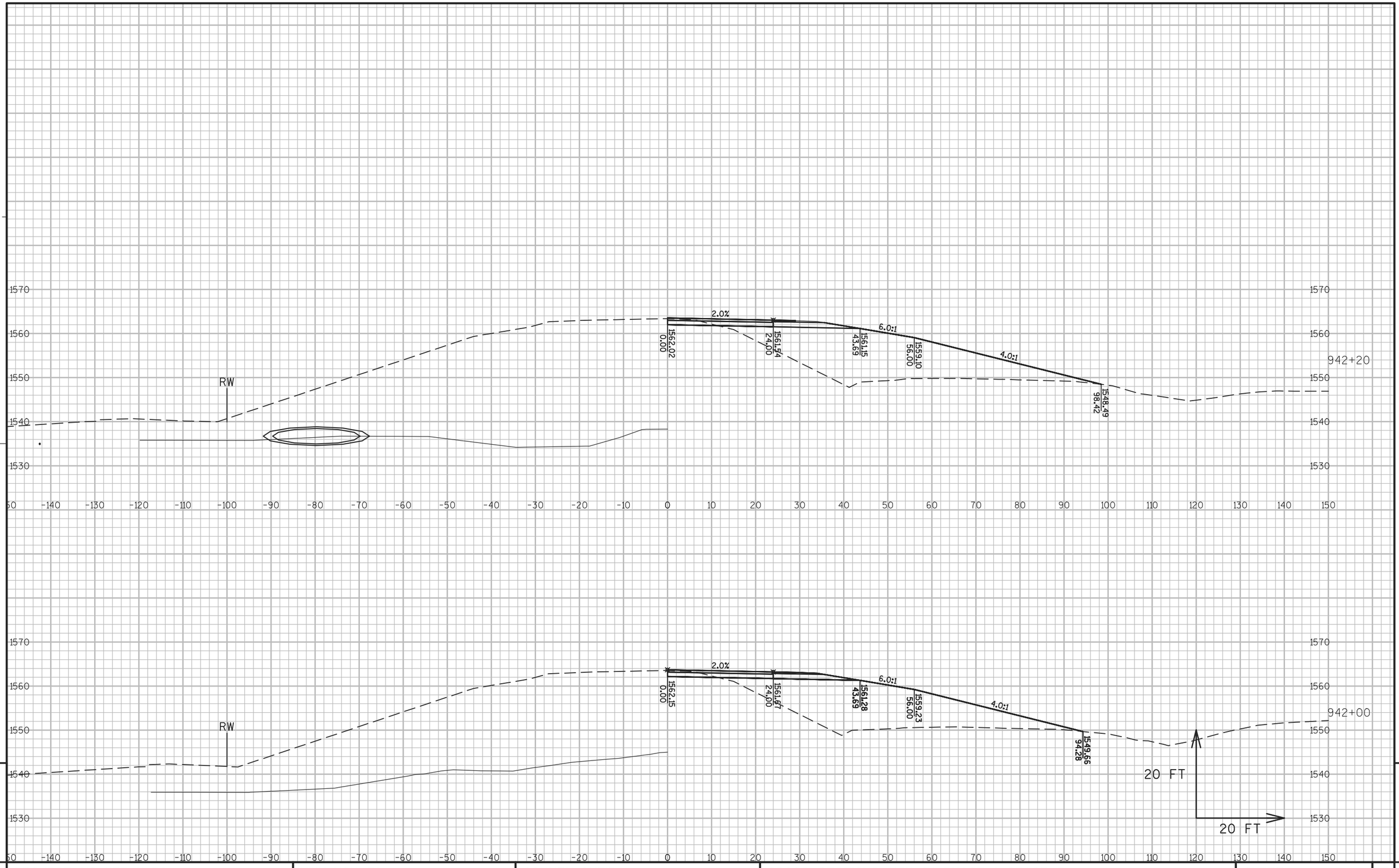


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 521	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (915)

PLOT DATE : 10/20/2015 3:43 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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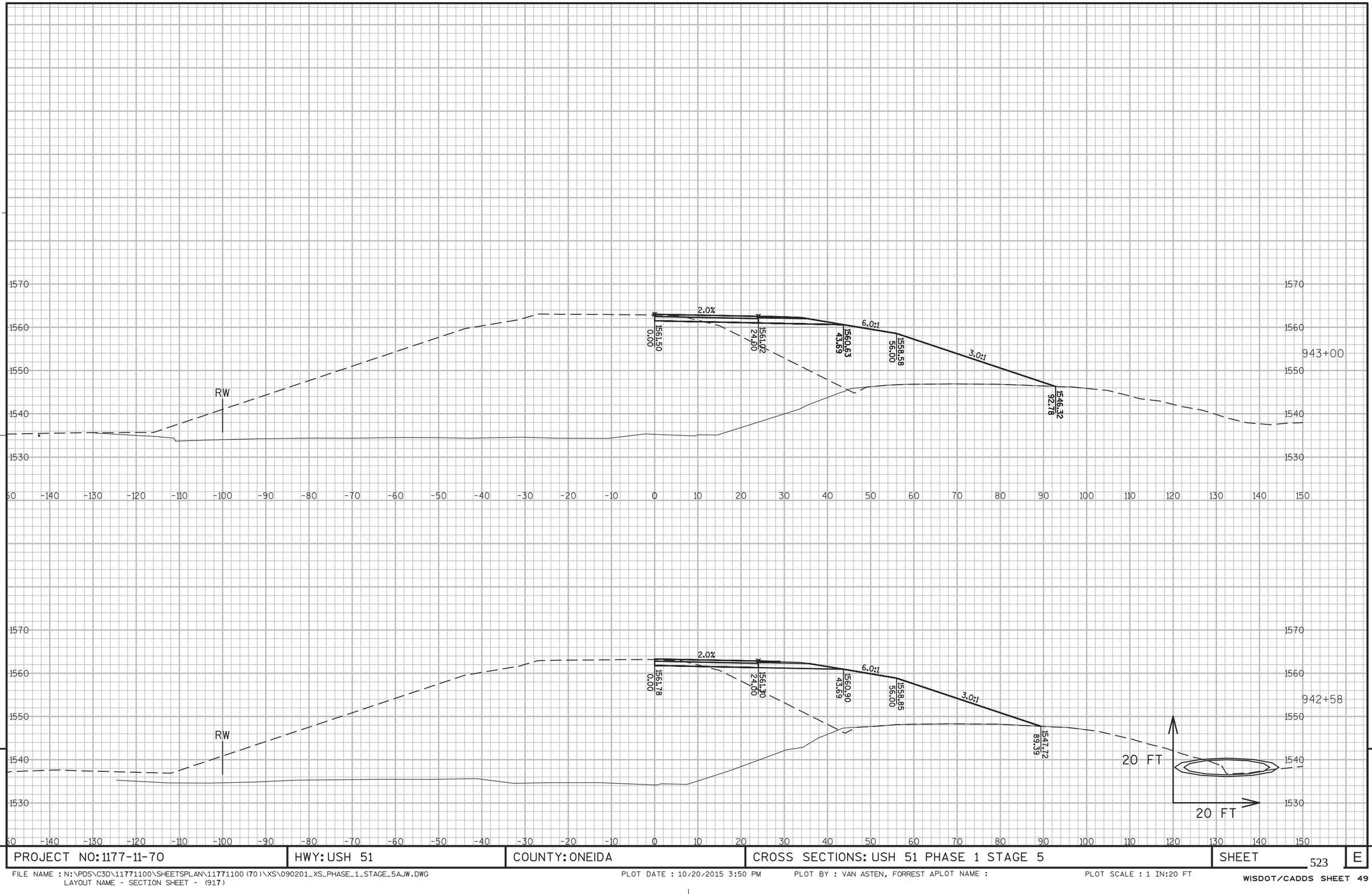
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 522	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (916)

PLOT DATE : 10/20/2015 3:46 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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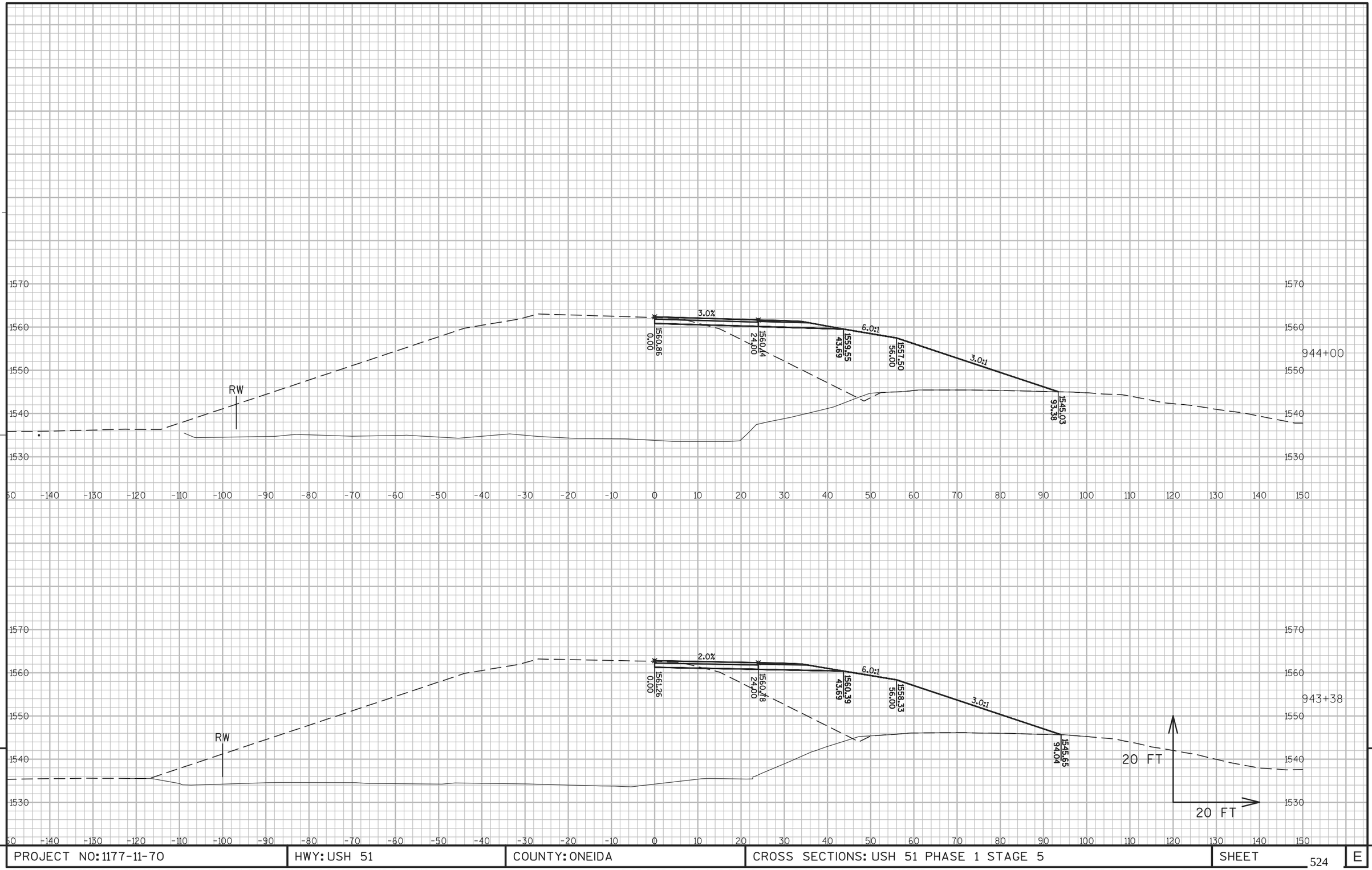
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 523	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (917)

PLOT DATE : 10/20/2015 3:50 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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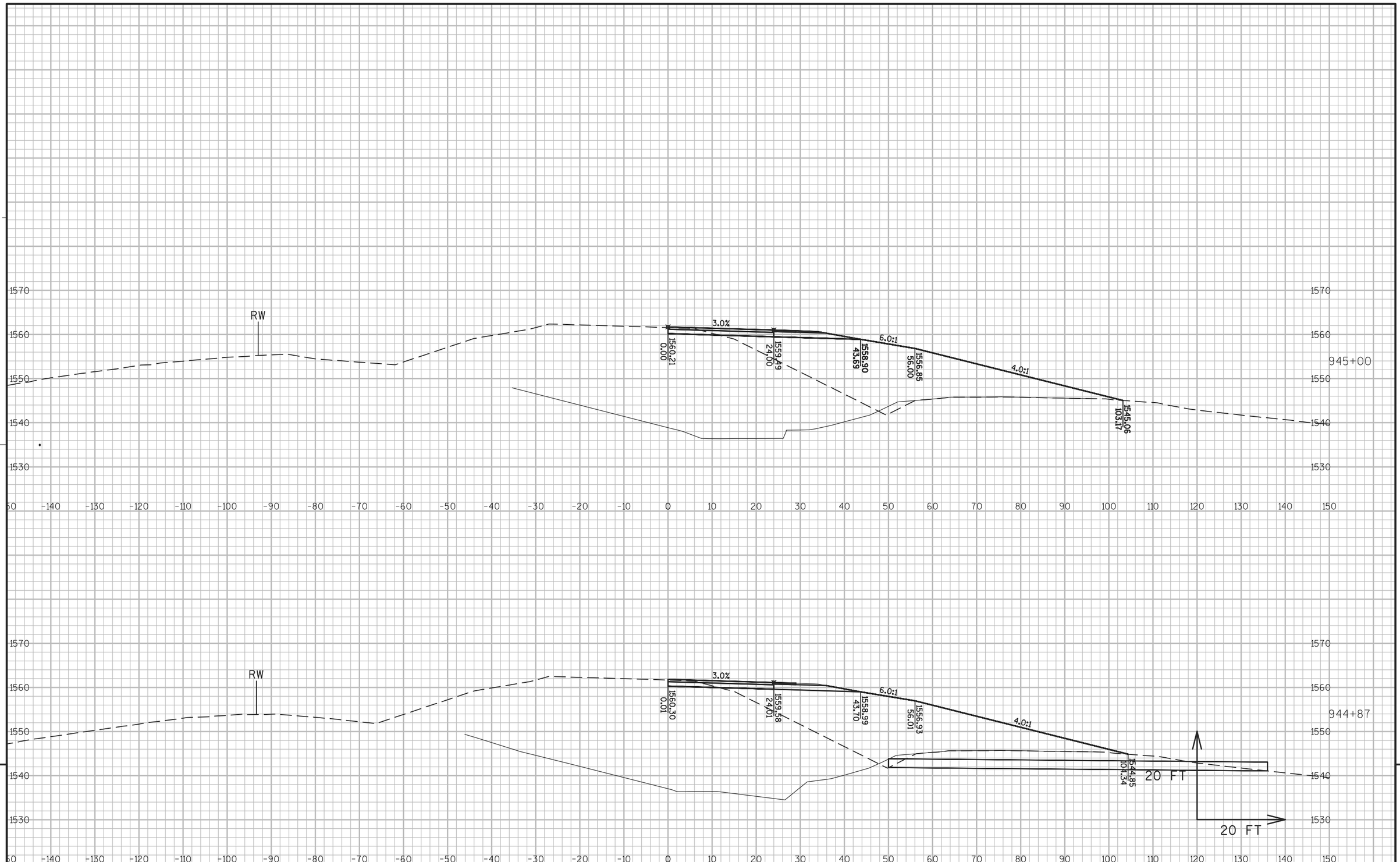
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 524	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (918)

PLOT DATE : 10/20/2015 3:54 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

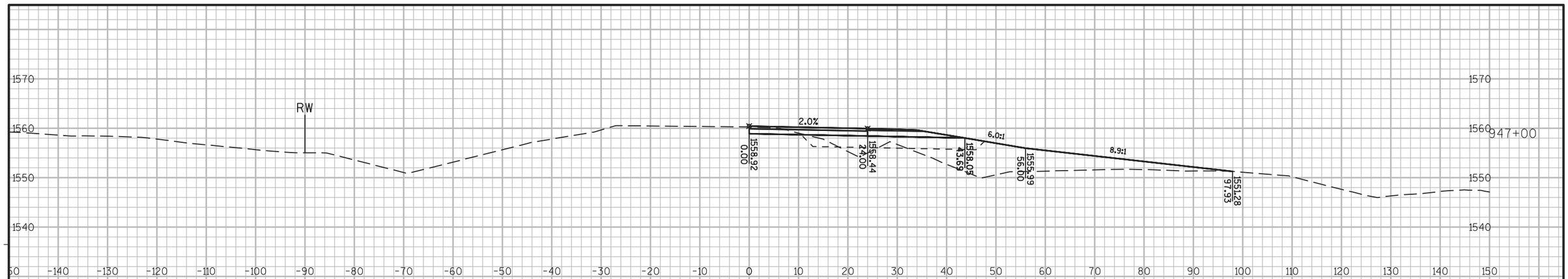


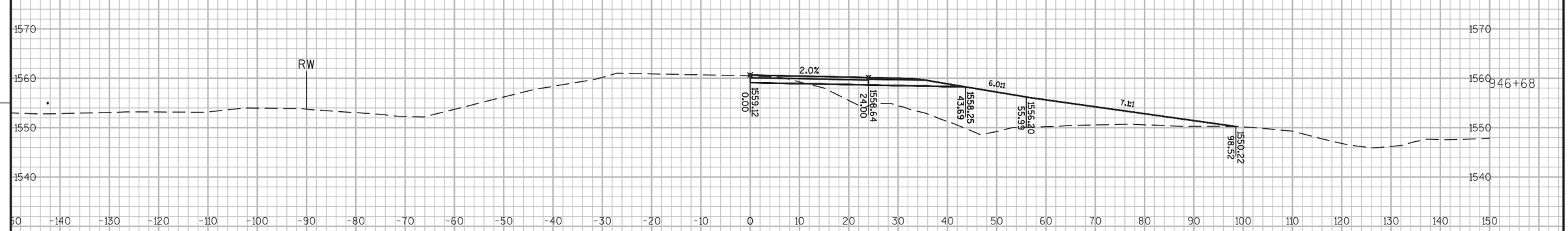
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 525	E

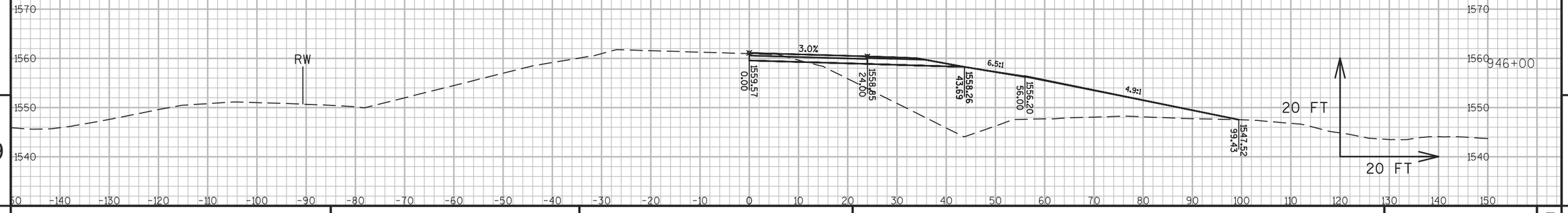
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (919)

PLOT DATE : 10/20/2015 3:55 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49







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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 526	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (920)

PLOT DATE : 10/20/2015 3:57 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

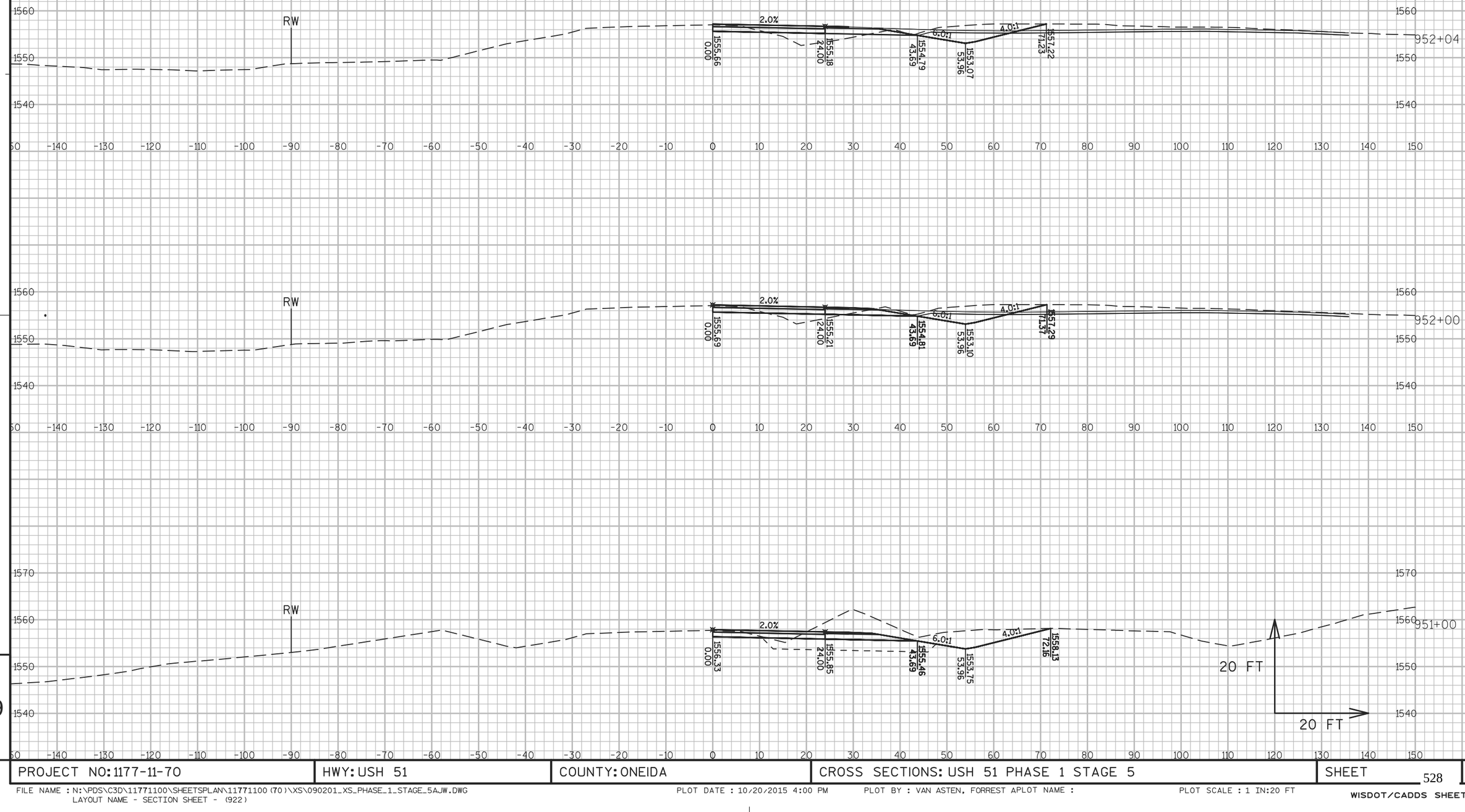
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 527	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (921)

PLOT DATE : 10/20/2015 3:58 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



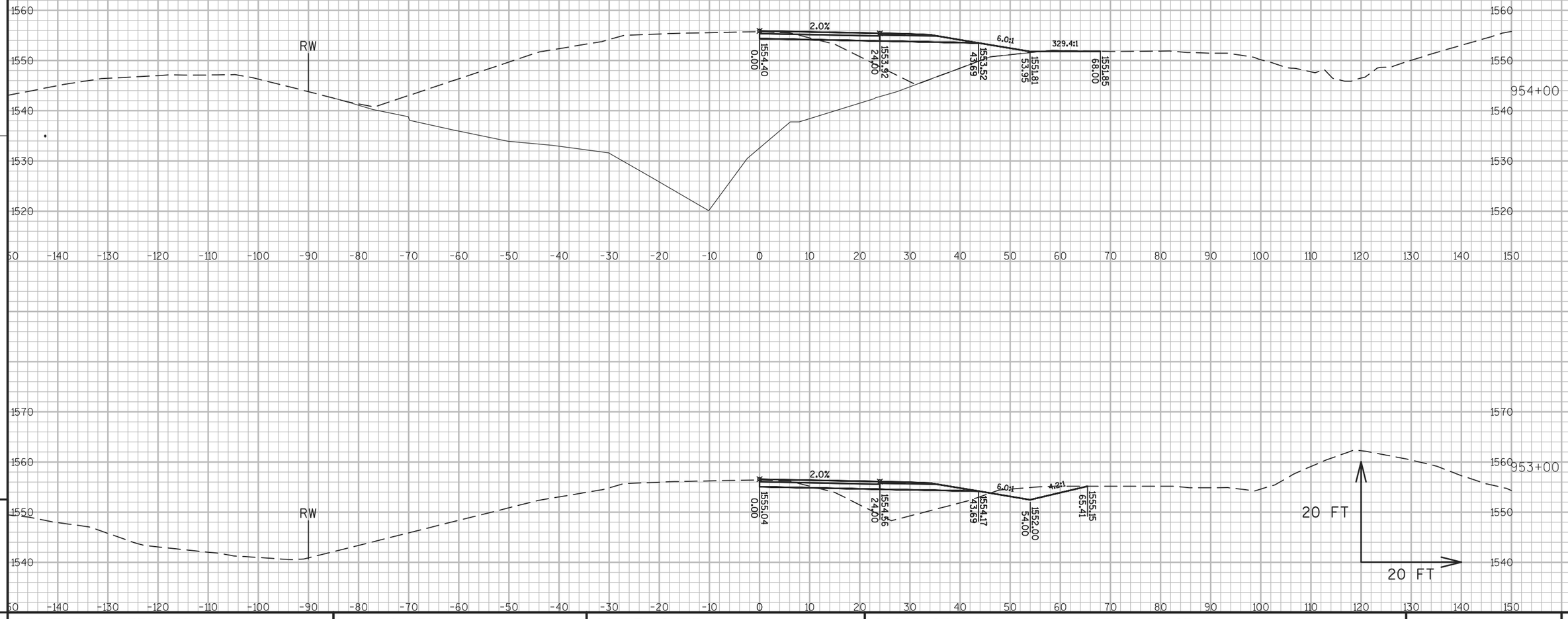
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 528	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (922)

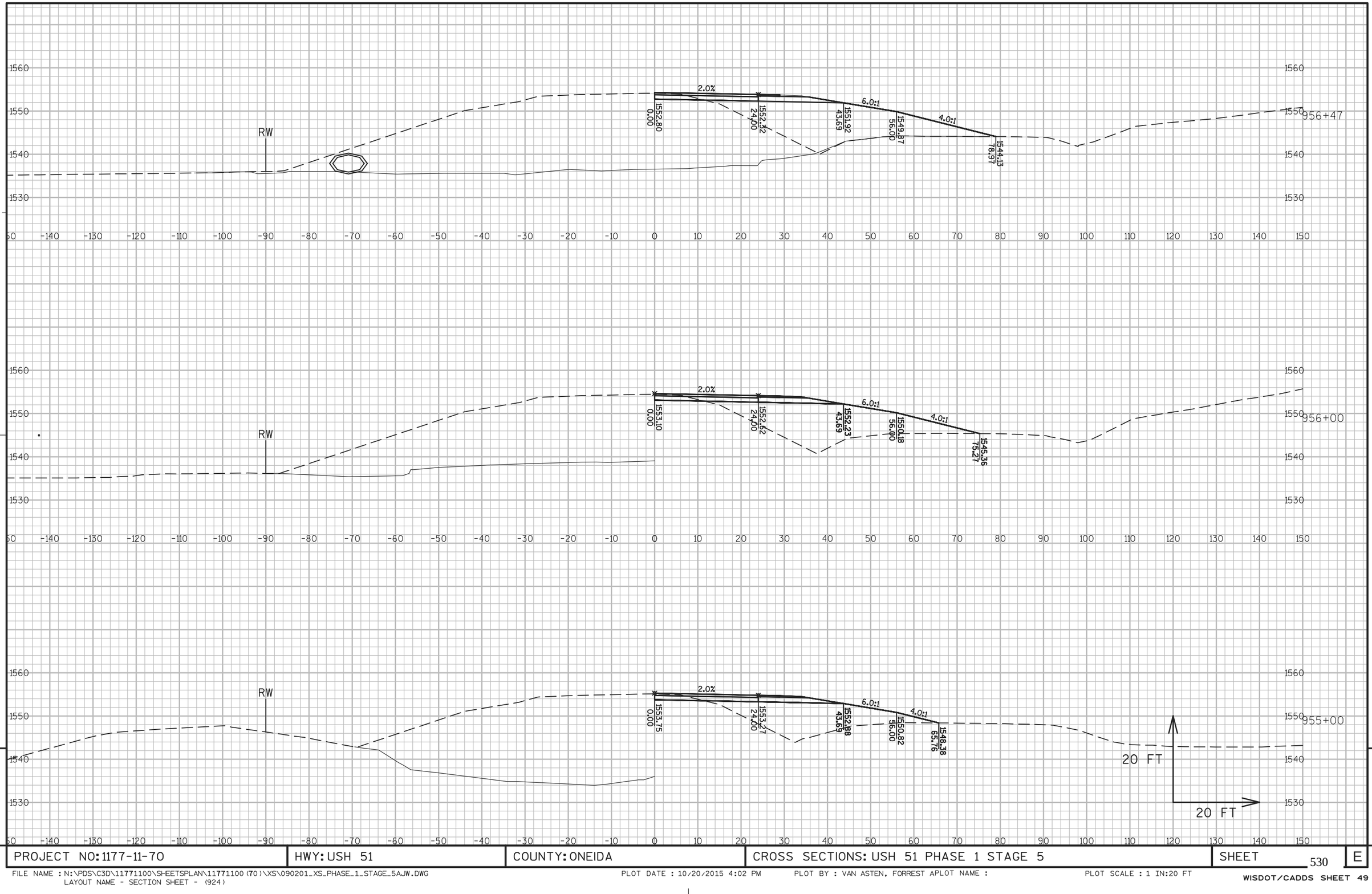
PLOT DATE : 10/20/2015 4:00 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 529	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (923)

PLOT DATE : 10/20/2015 4:01 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



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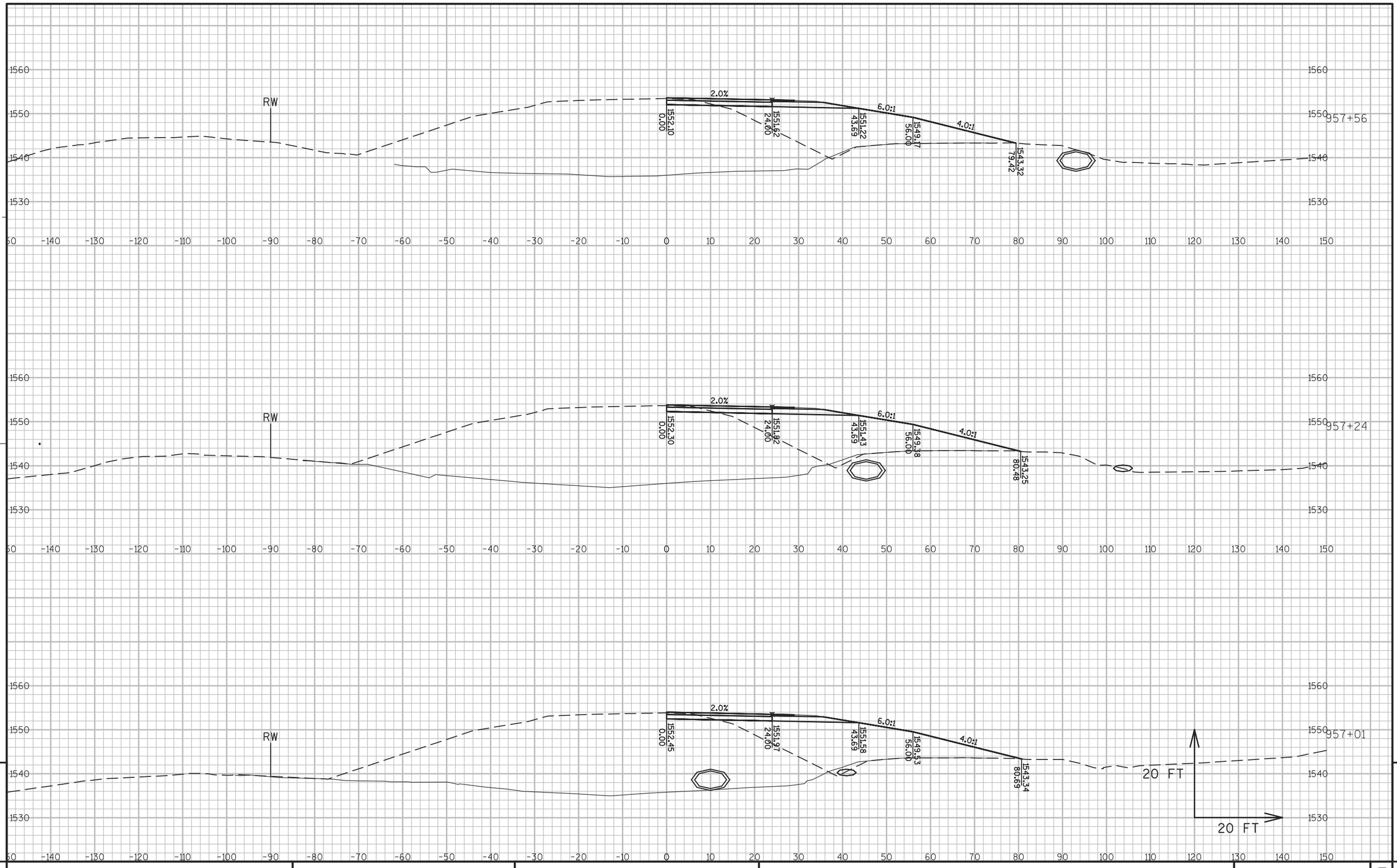
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 530	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (924)

PLOT DATE : 10/20/2015 4:02 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

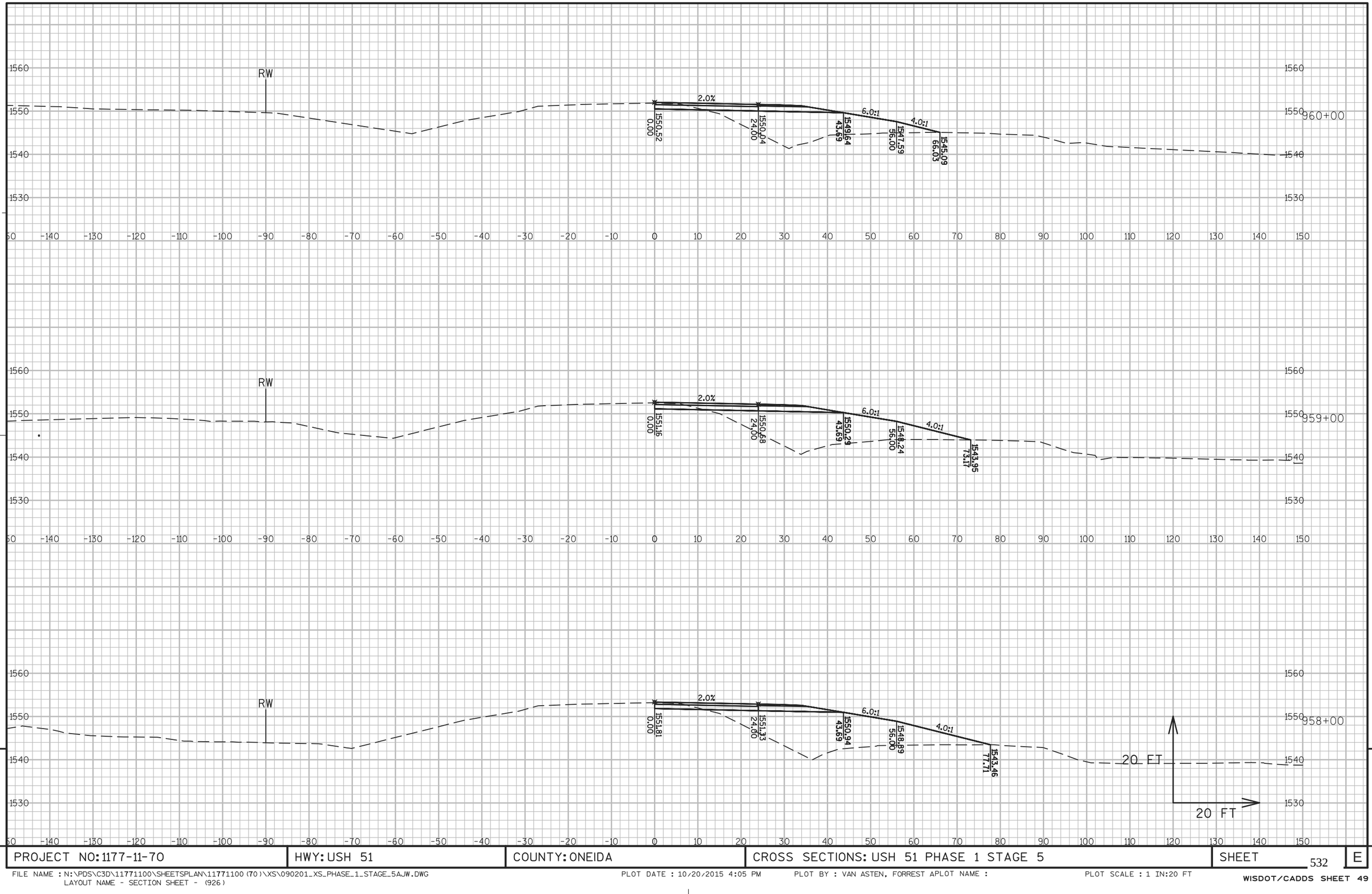


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 531	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (925)

PLOT DATE : 10/20/2015 4:04 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 532	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (926)

PLOT DATE : 10/20/2015 4:05 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

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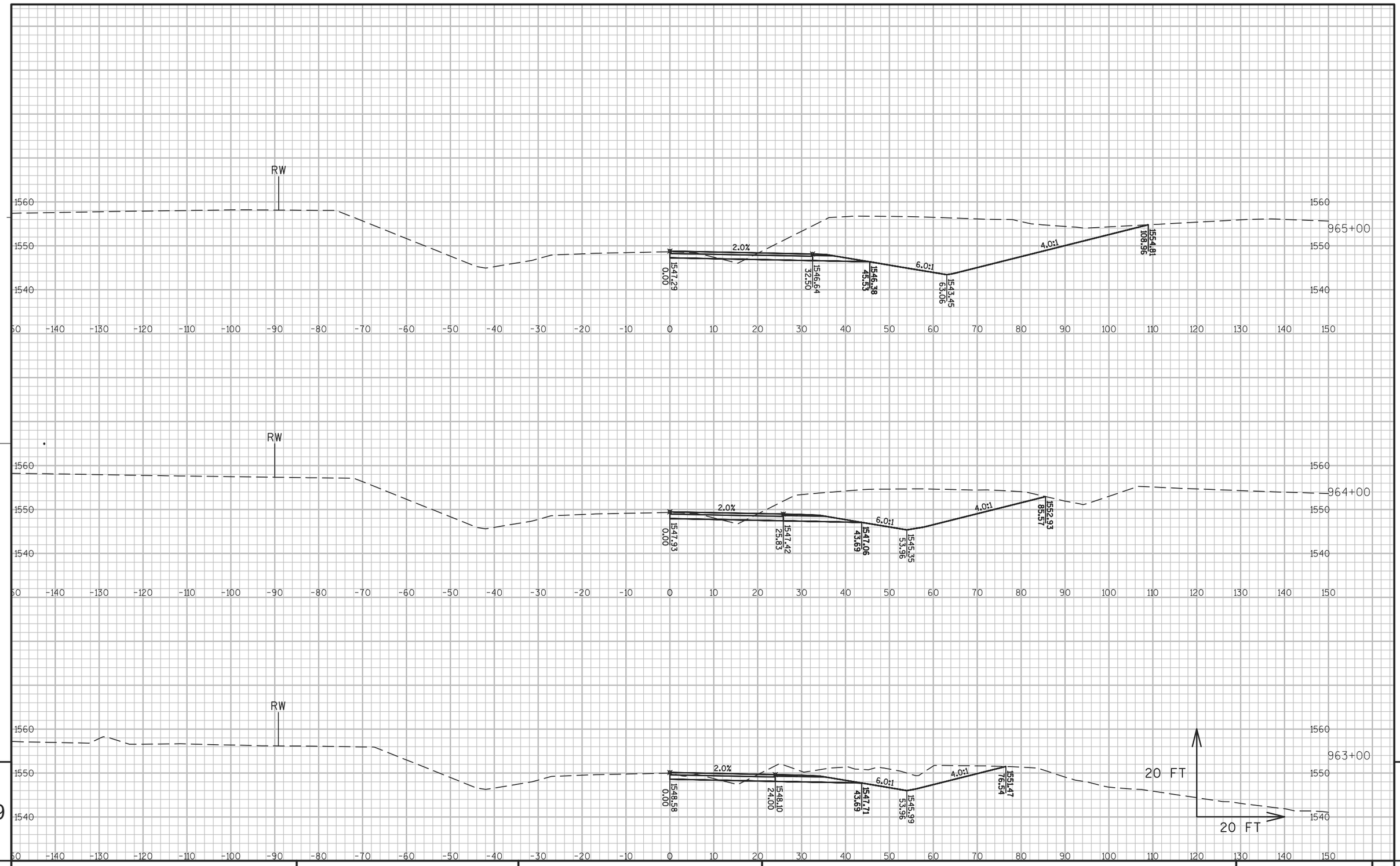
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 533	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (927)

PLOT DATE : 10/20/2015 4:06 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

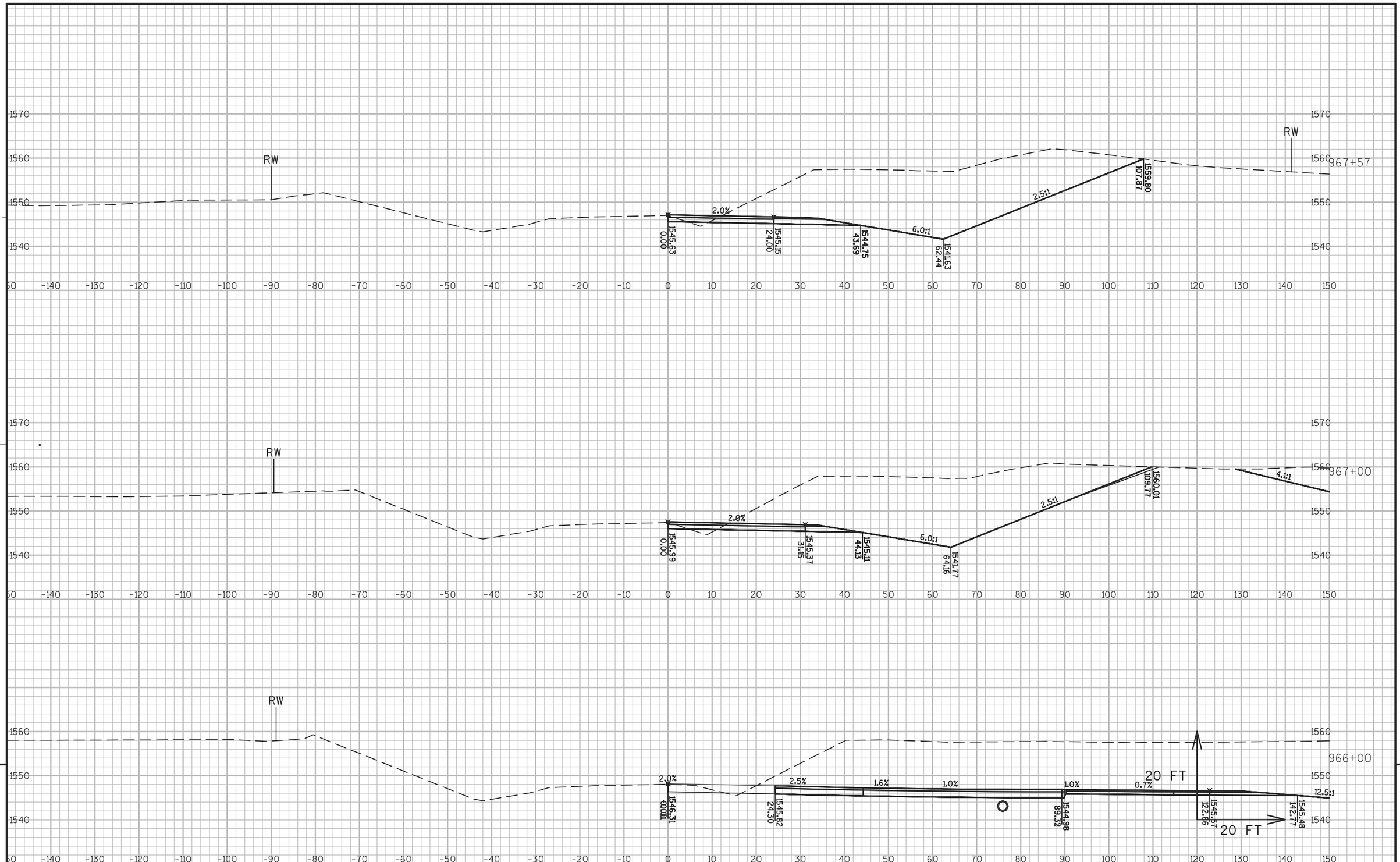


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 534	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (928)

PLOT DATE : 10/20/2015 4:08 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



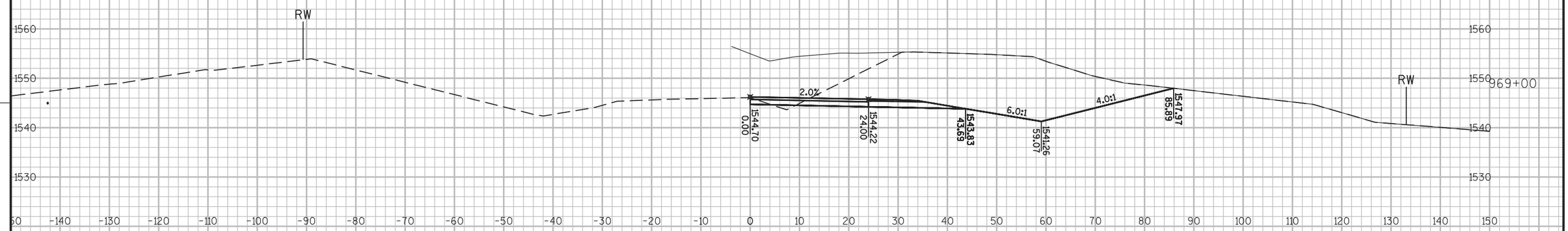
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 535	E

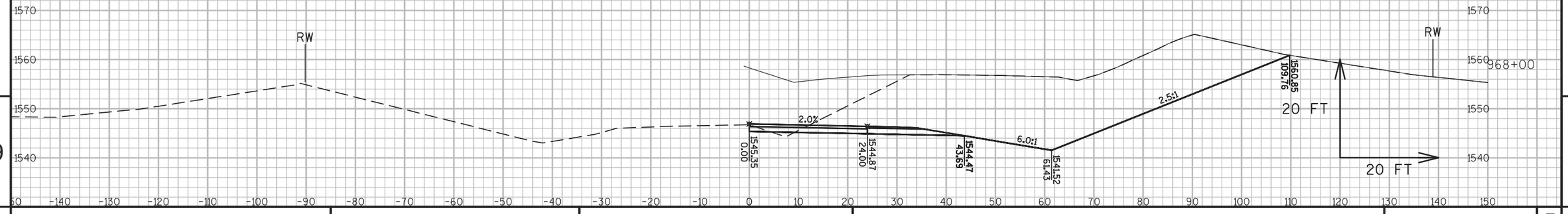
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (929)

PLOT DATE : 10/20/2015 4:09 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49







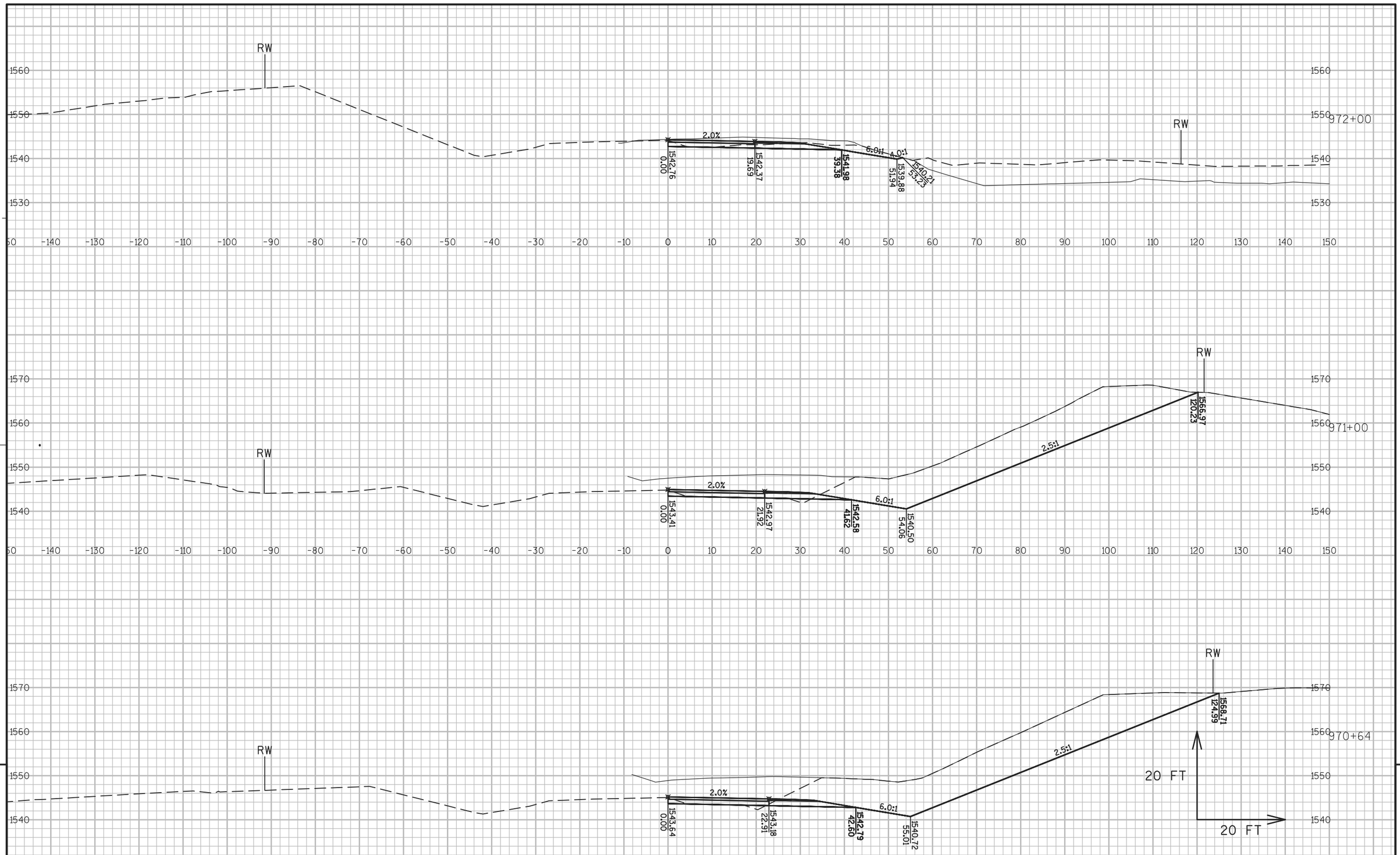
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 536	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (930)

PLOT DATE : 10/20/2015 4:11 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

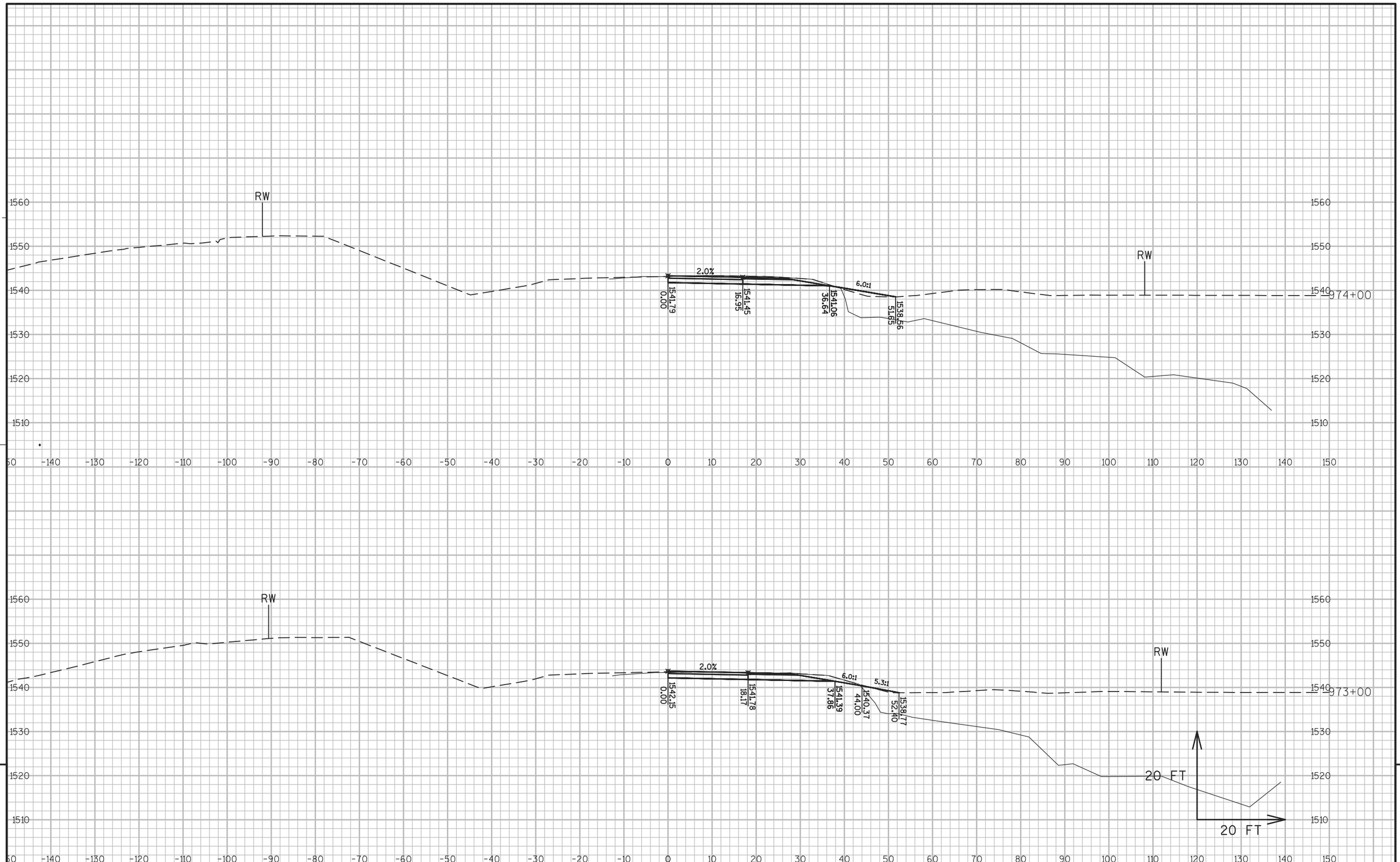


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 537	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (931)

PLOT DATE : 10/20/2015 4:14 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

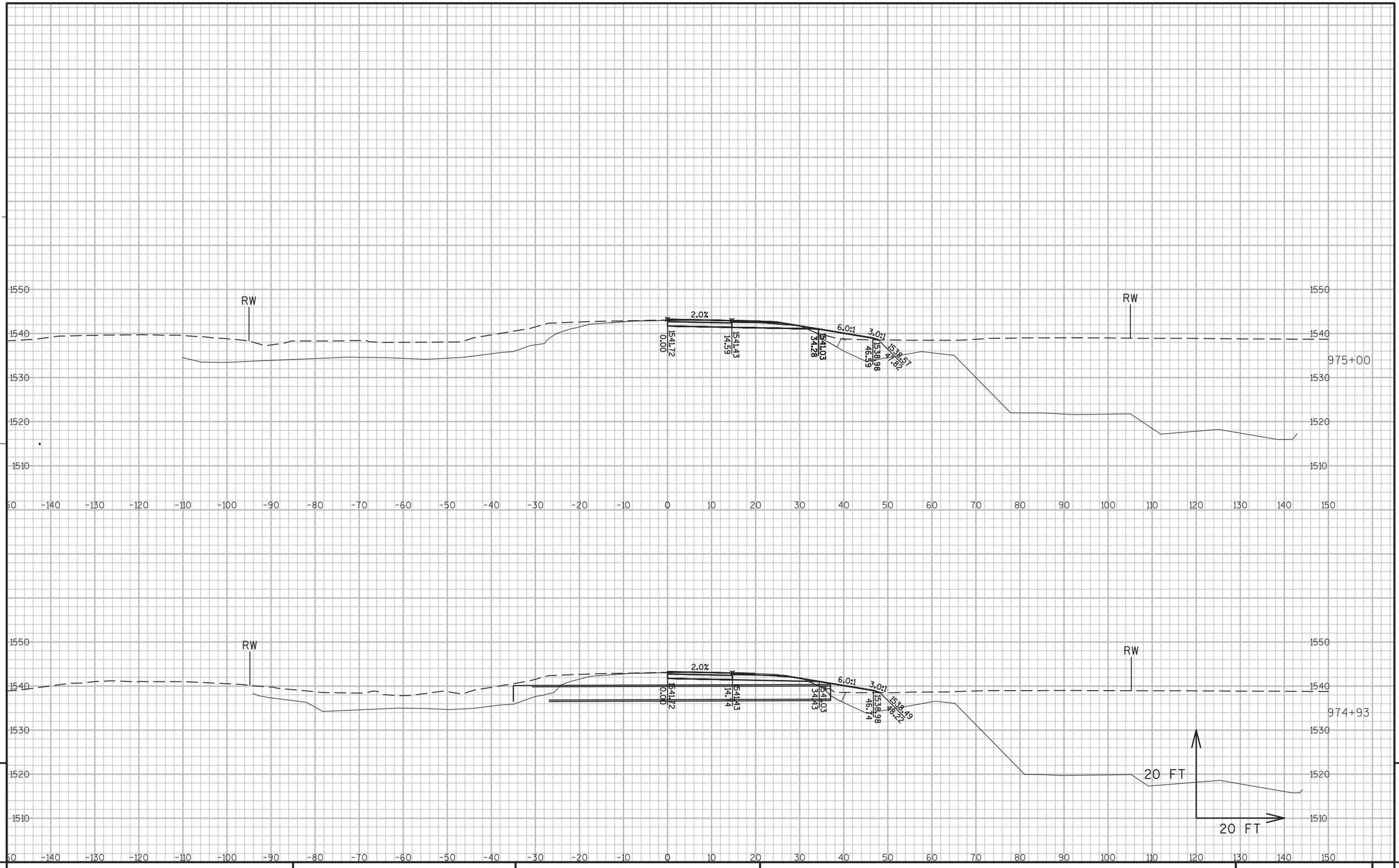
WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 538	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (932)

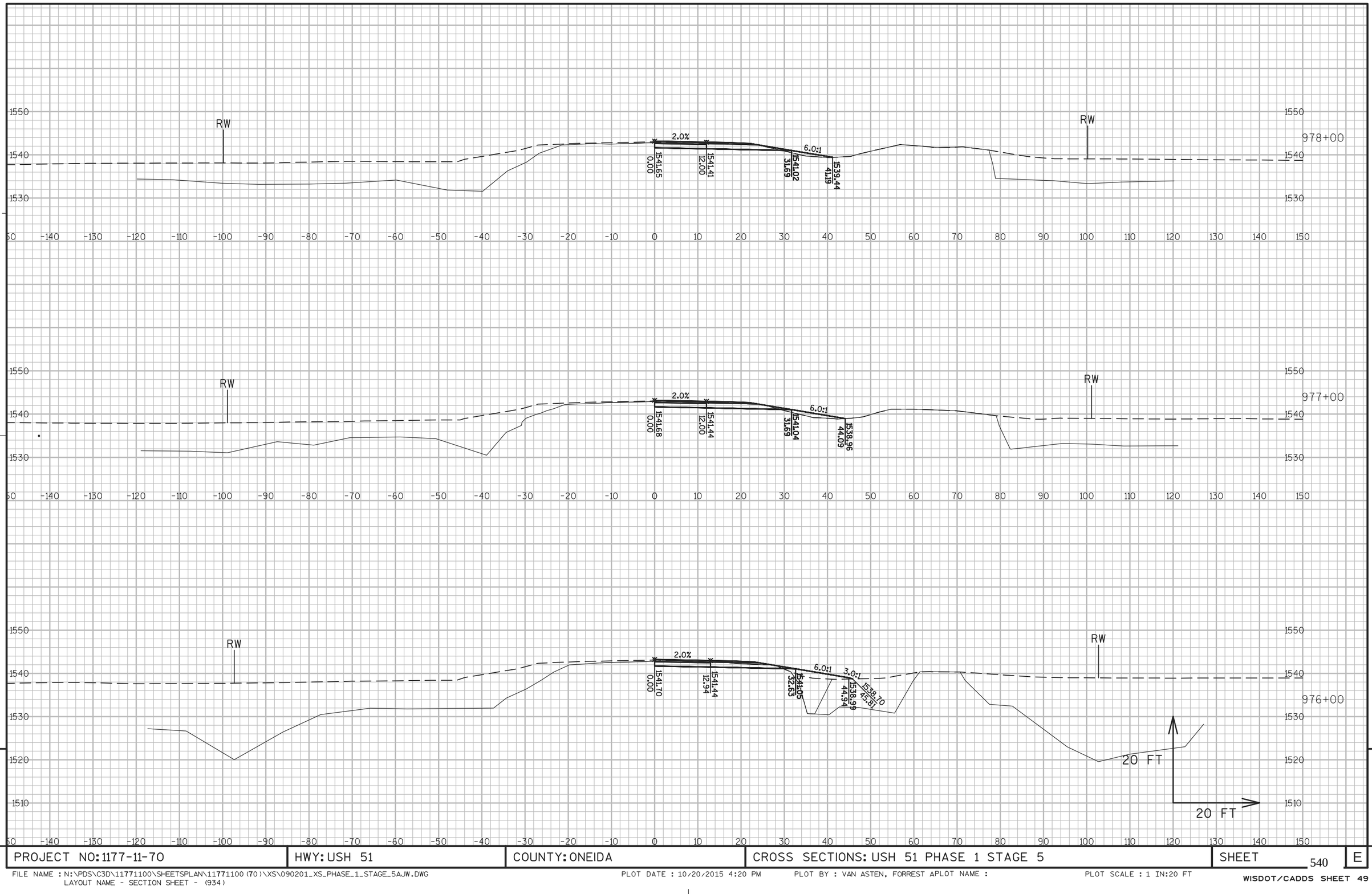
PLOT DATE : 10/20/2015 4:17 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 539	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (933)

PLOT DATE : 10/20/2015 4:18 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

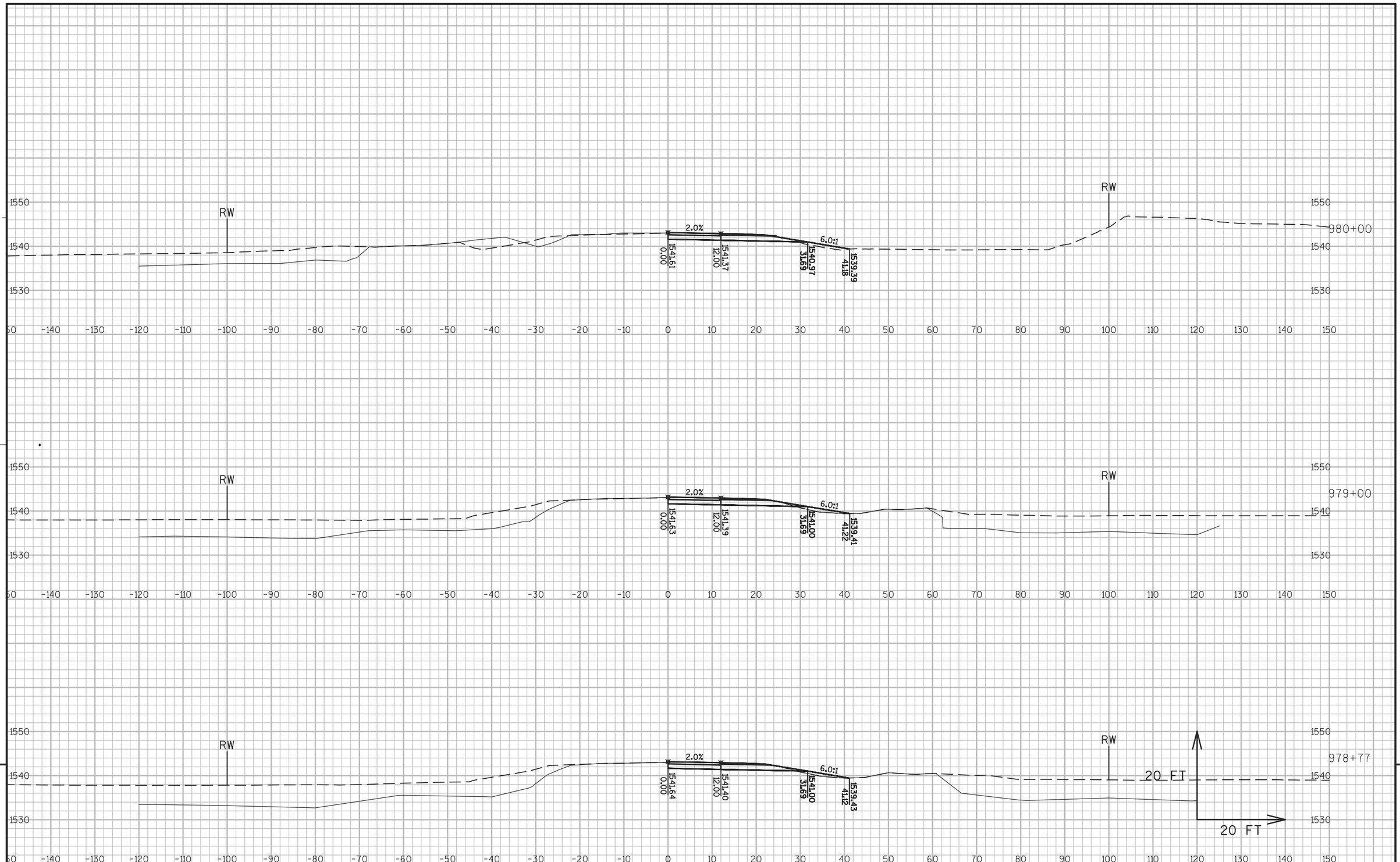


9 9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 540	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (934)

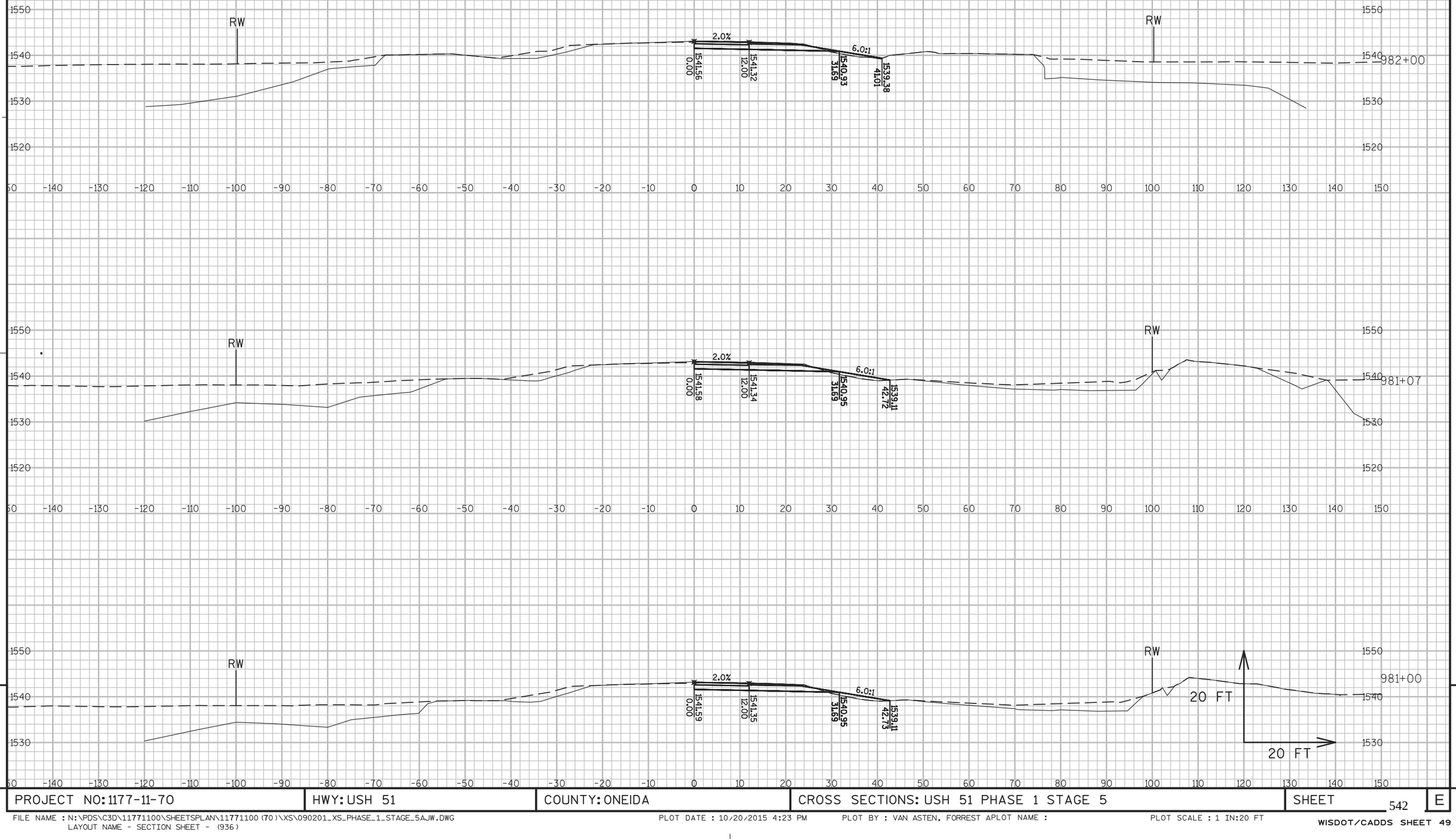
PLOT DATE : 10/20/2015 4:20 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 541	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (935)

PLOT DATE : 10/20/2015 4:21 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT



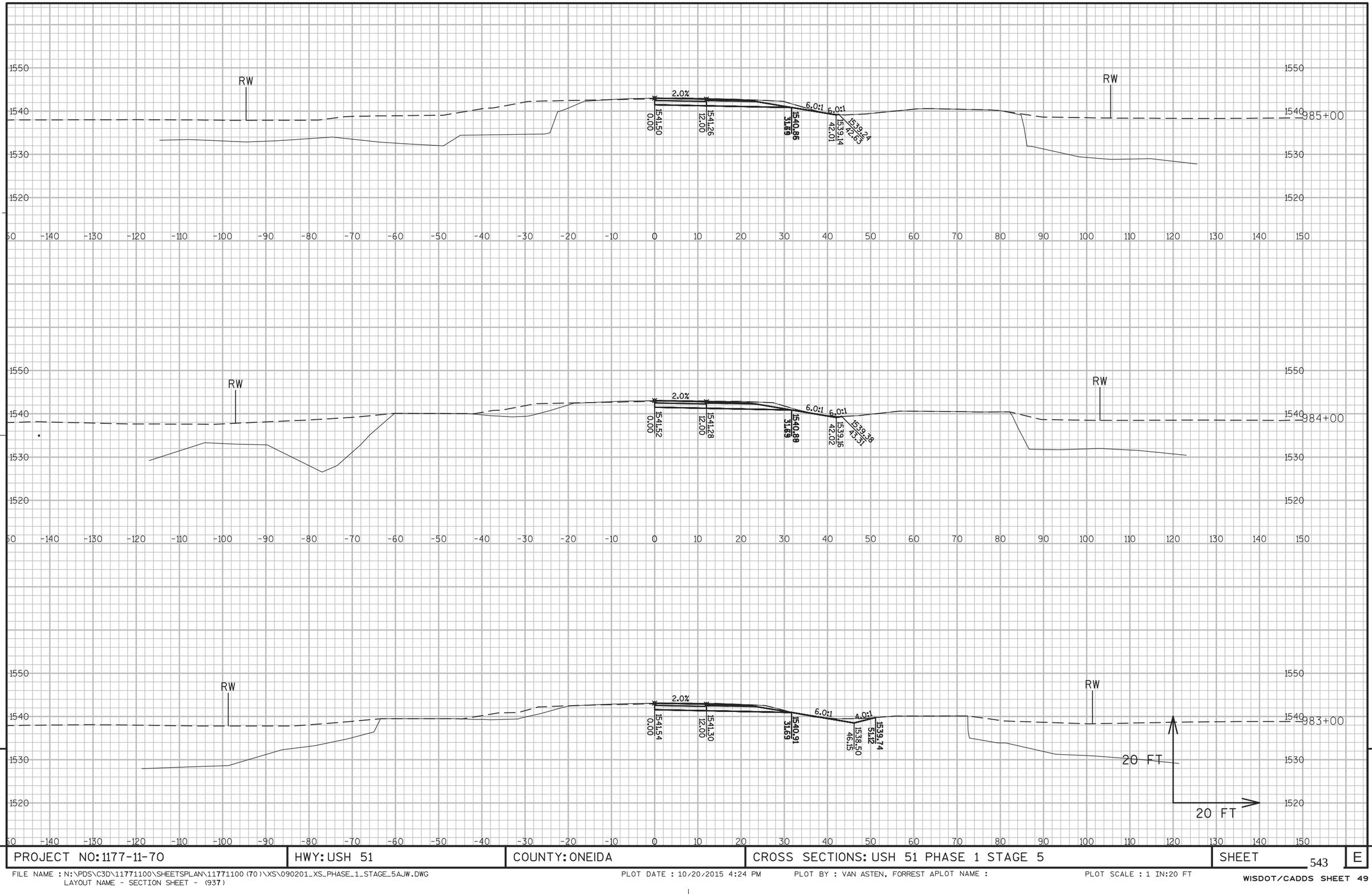
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 542	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (936)

PLOT DATE : 10/20/2015 4:23 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

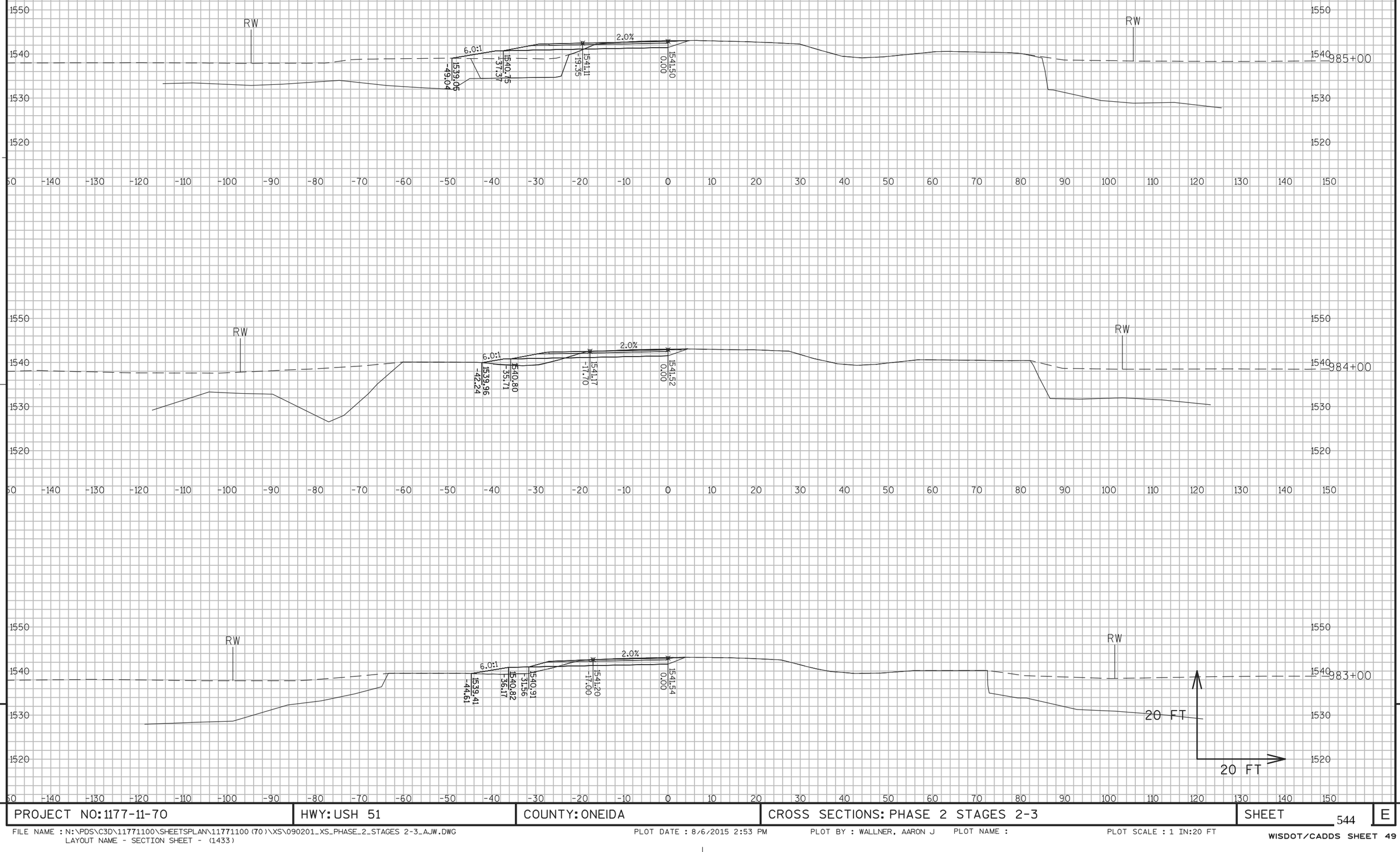


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 1 STAGE 5	SHEET 543	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_1_STAGE_5AJW.DWG
LAYOUT NAME - SECTION SHEET - (937)

PLOT DATE : 10/20/2015 4:24 PM PLOT BY : VAN ASTEN, FORREST APLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 544	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1433)

PLOT DATE : 8/6/2015 2:53 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

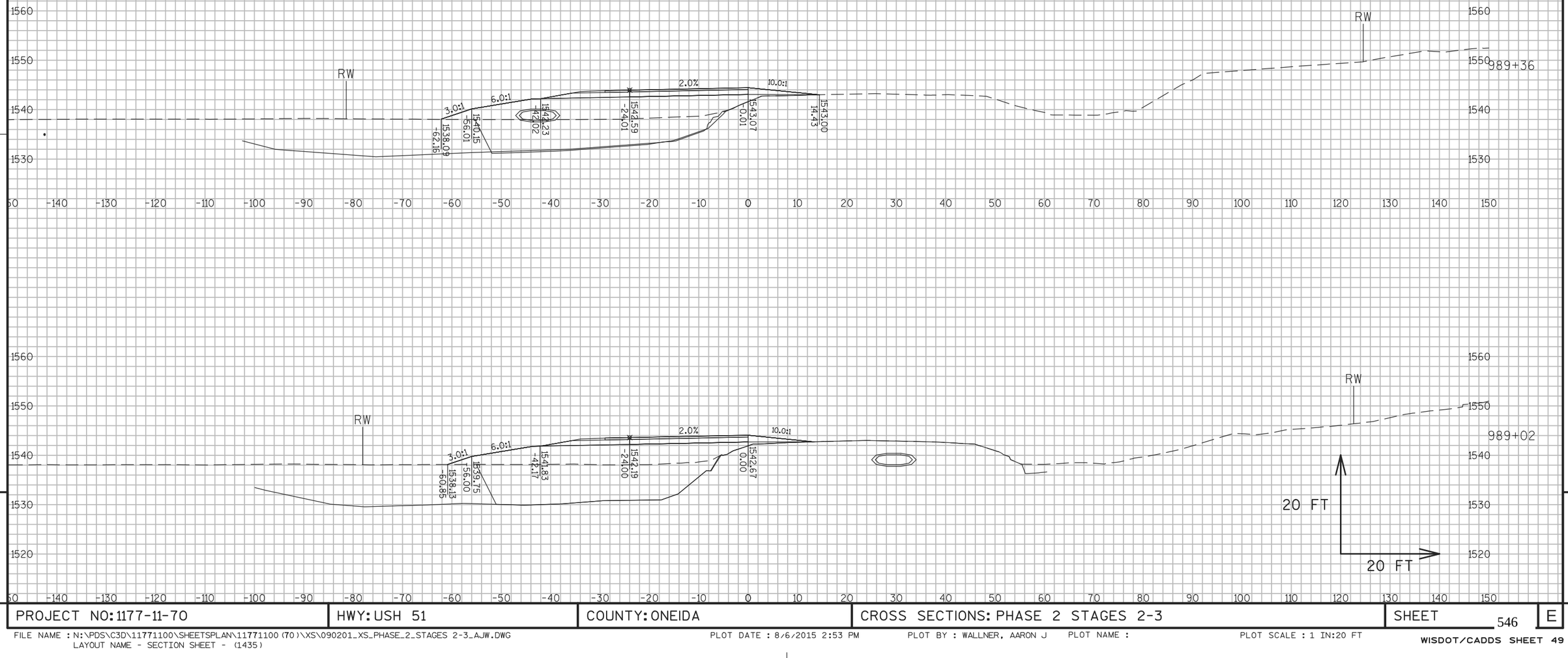
WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 545	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1434)

PLOT DATE : 8/6/2015 2:53 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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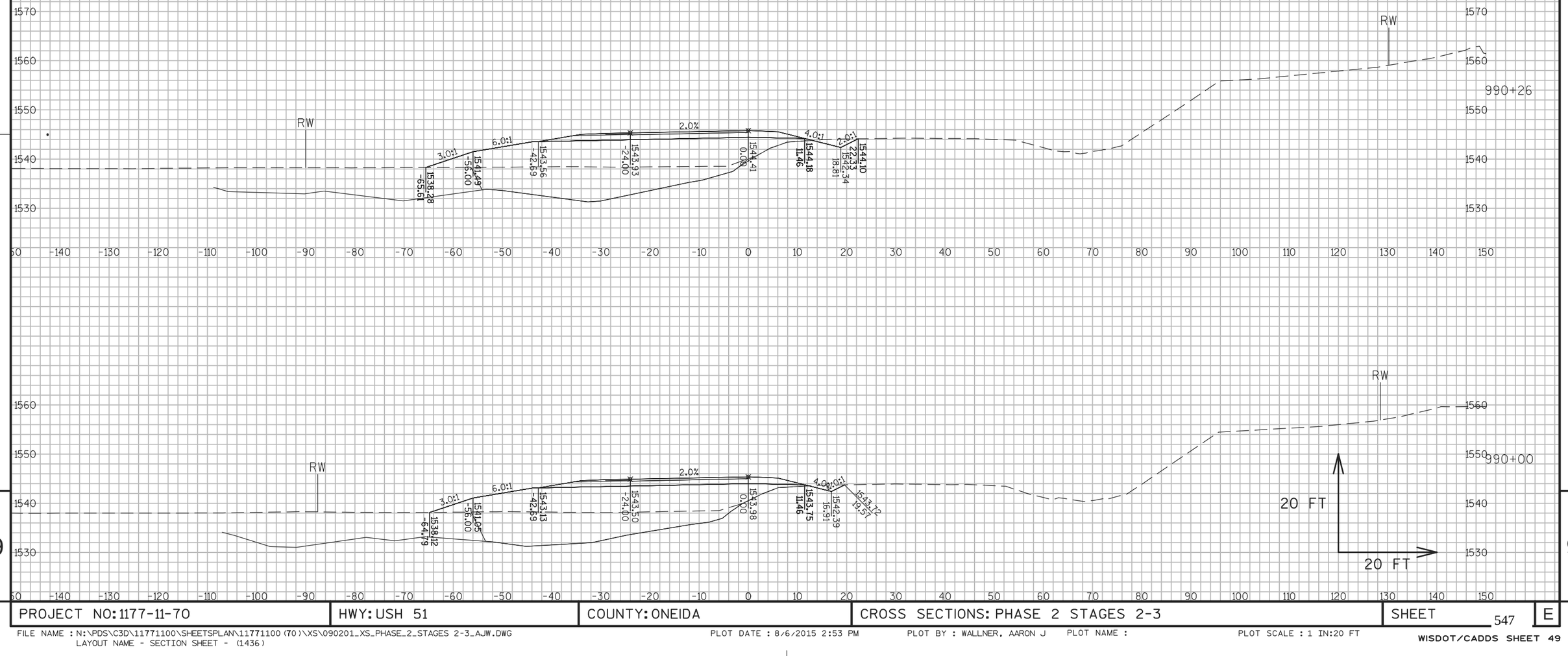
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 546	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1435)

PLOT DATE : 8/6/2015 2:53 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



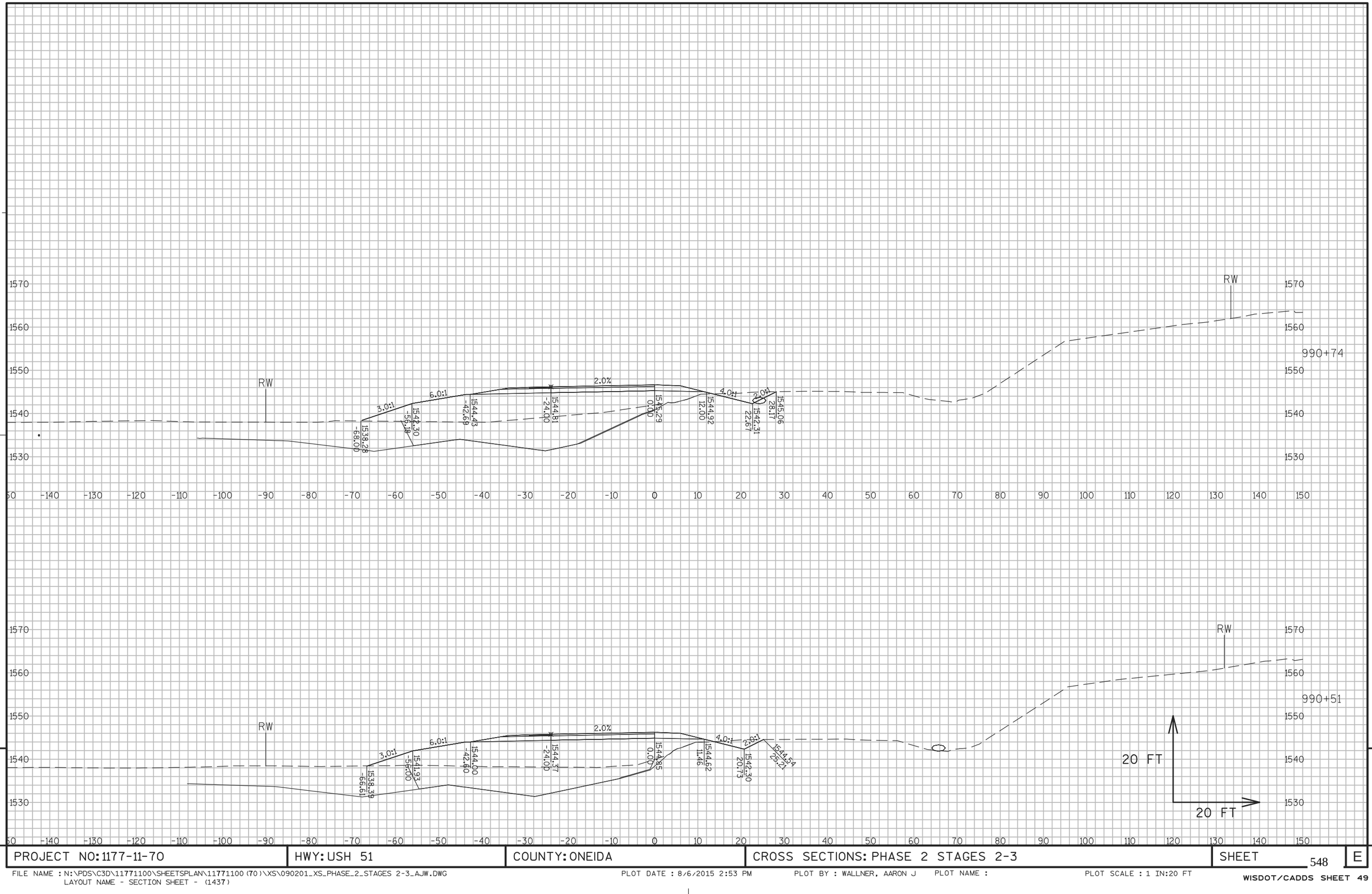
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 547	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1436)

PLOT DATE : 8/6/2015 2:53 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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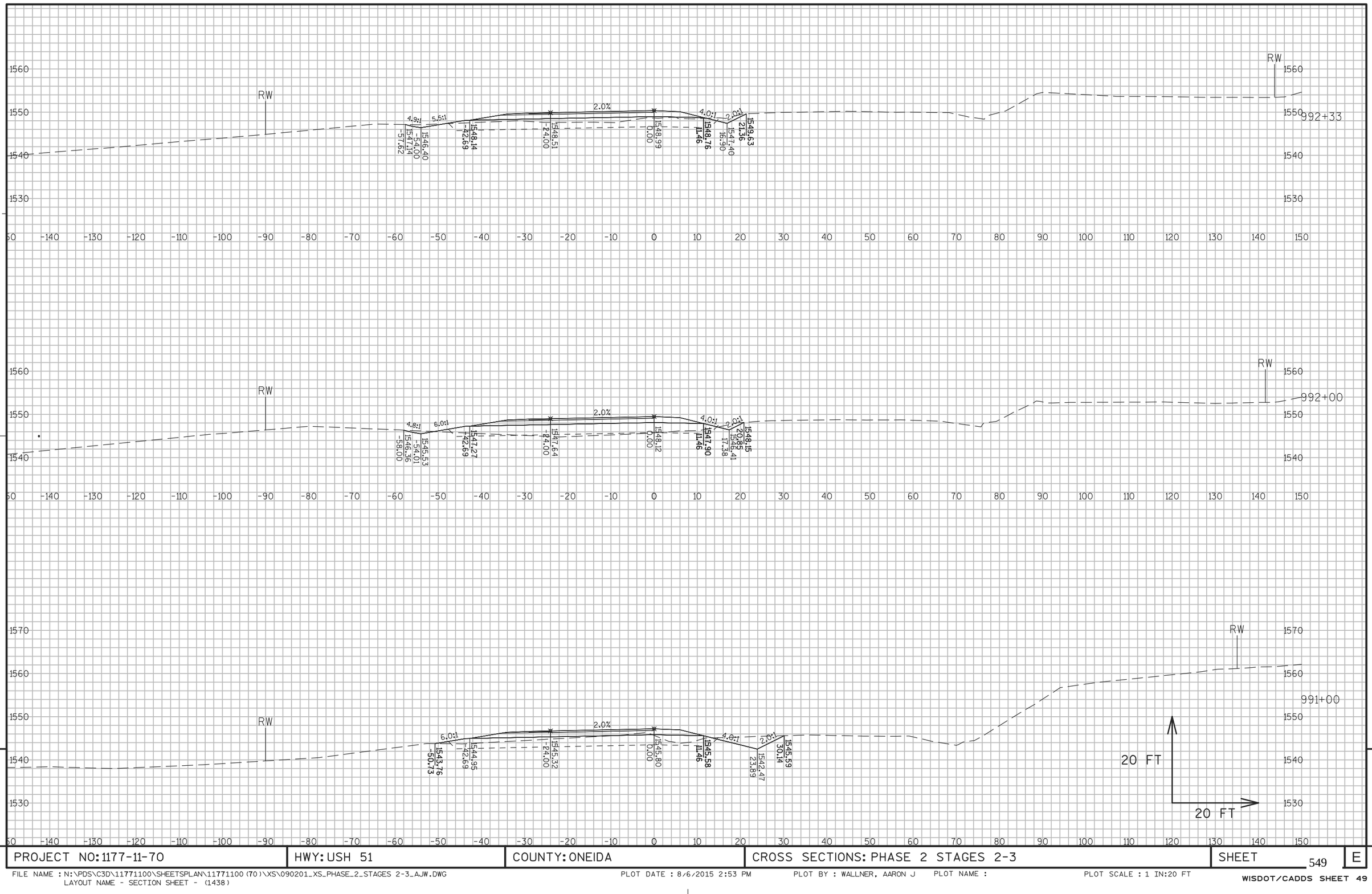
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 548	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1437)

PLOT DATE : 8/6/2015 2:53 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



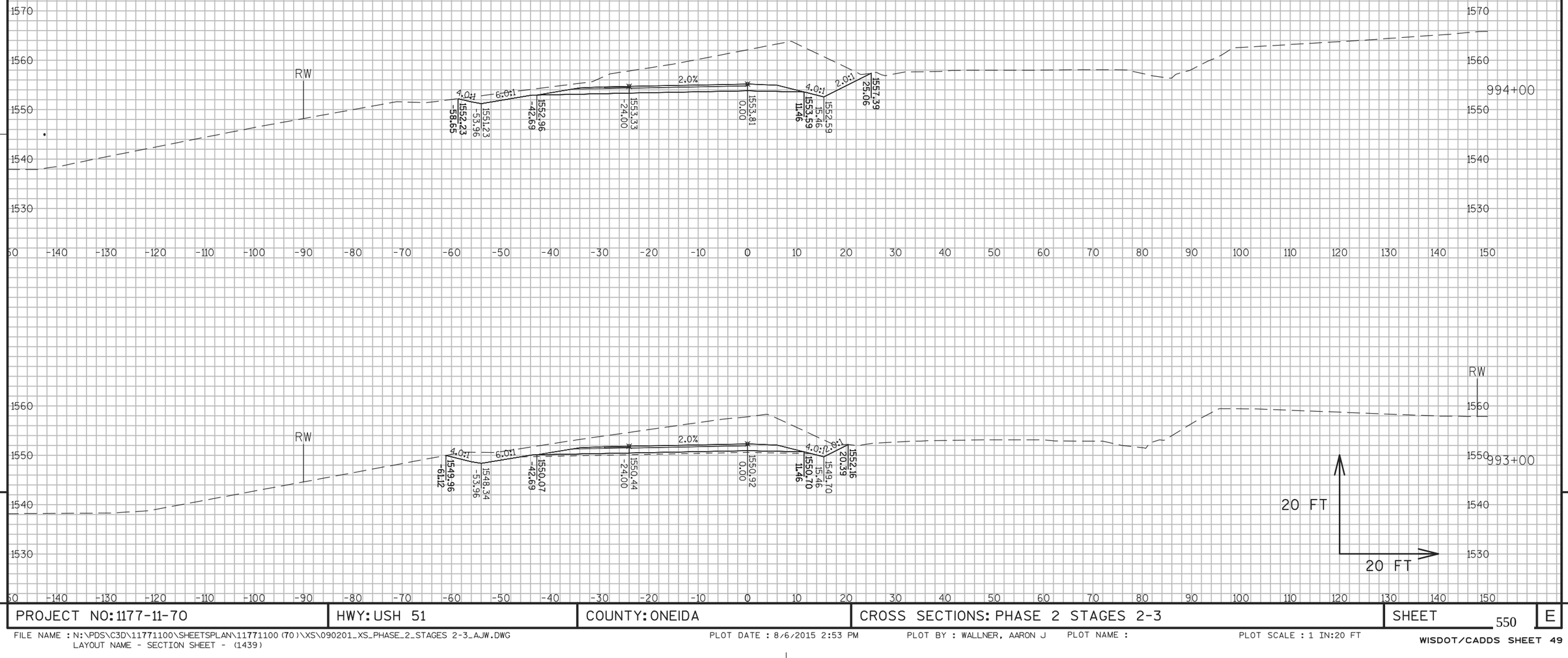
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 549	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1438)

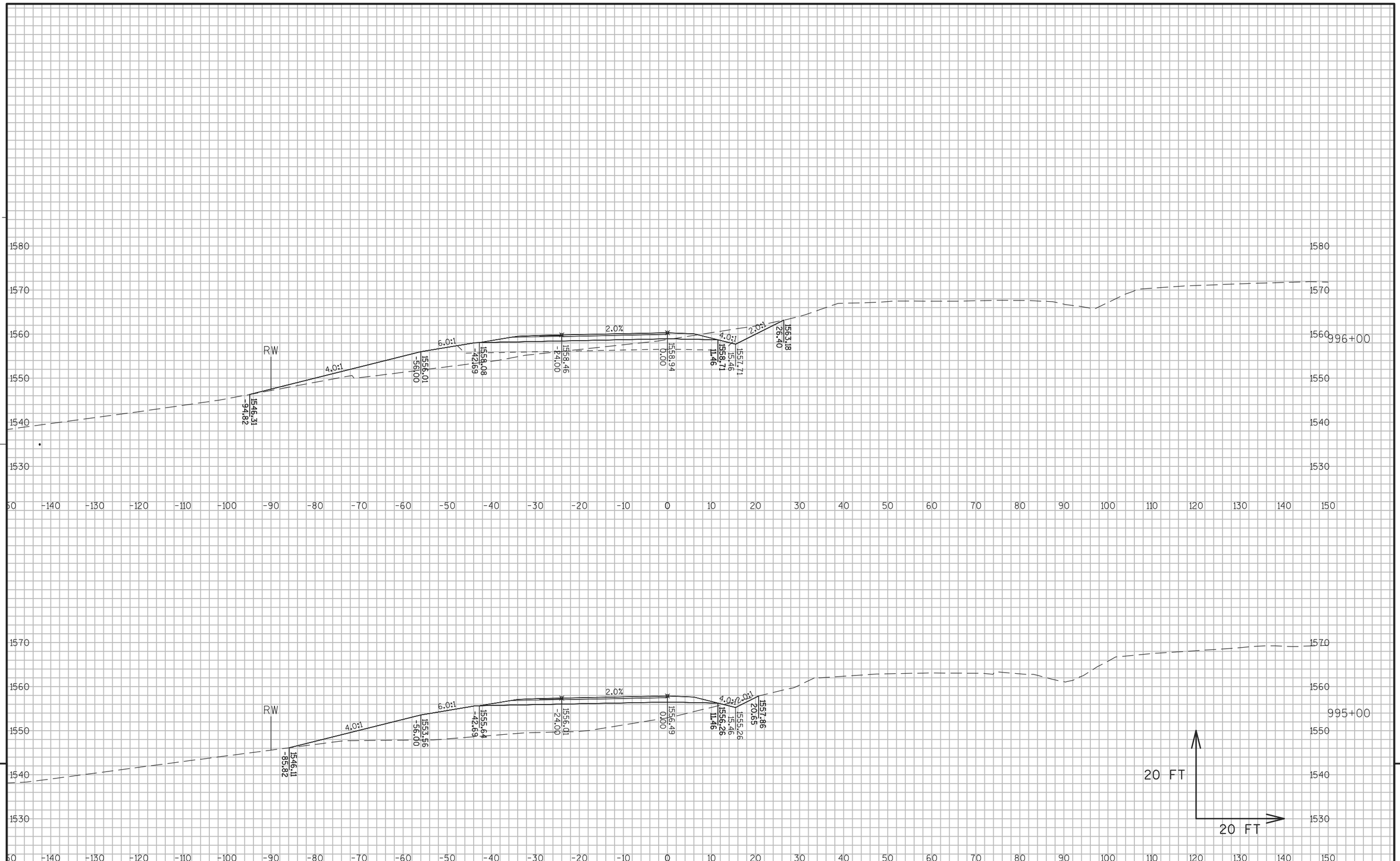
PLOT DATE : 8/6/2015 2:53 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 550	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1439)

PLOT DATE : 8/6/2015 2:53 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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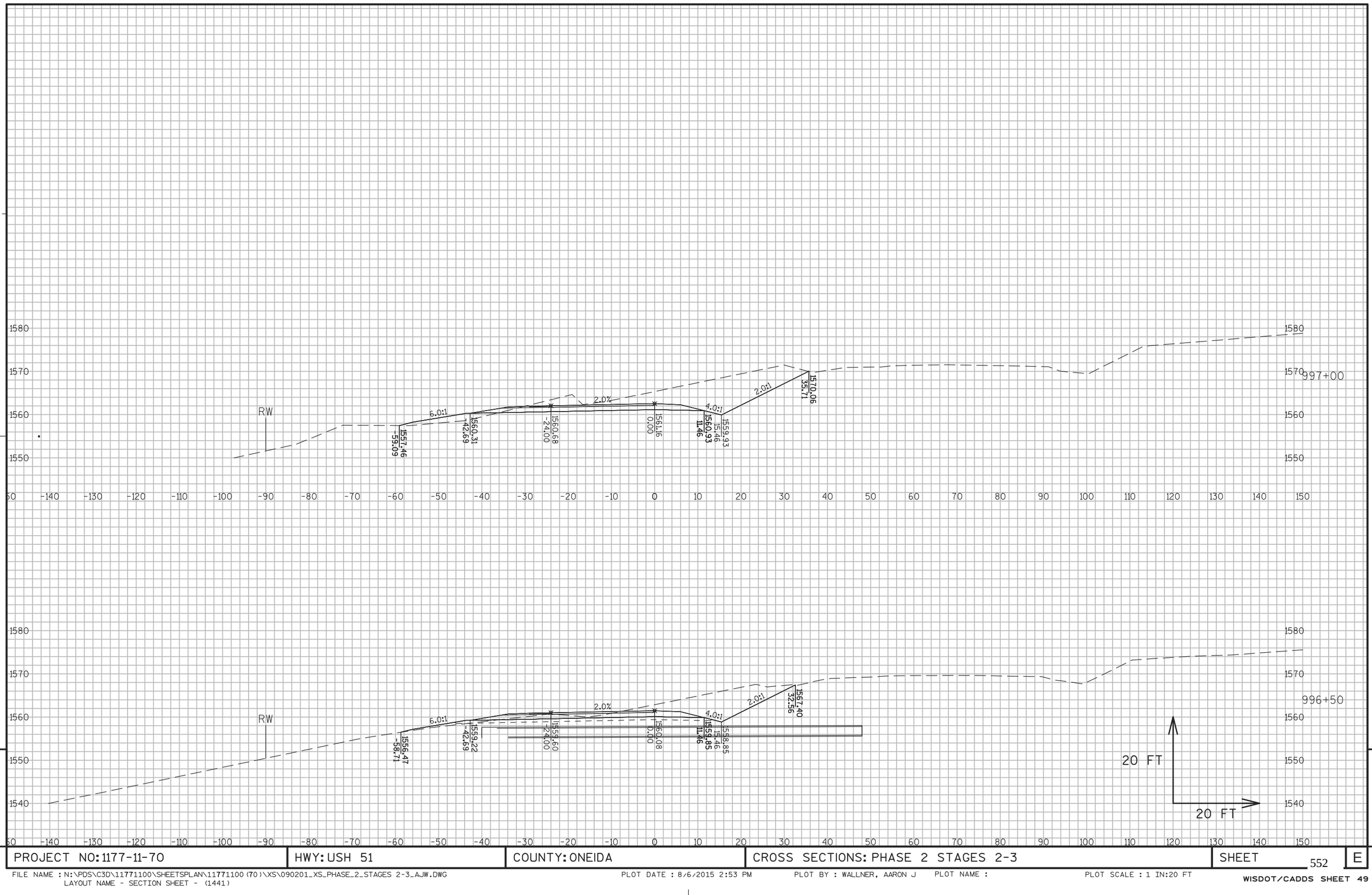
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 551	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1440)

PLOT DATE : 8/6/2015 2:53 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



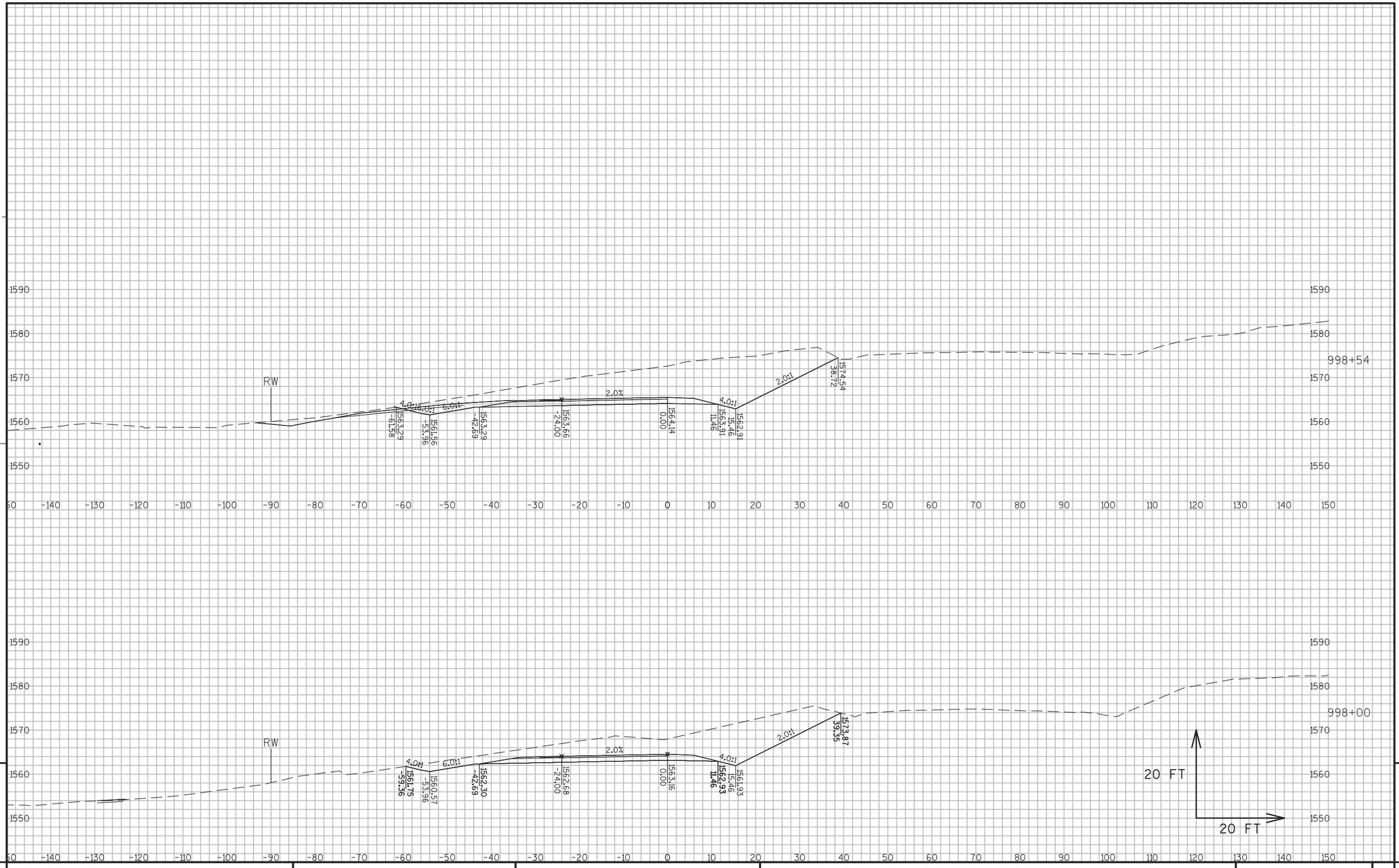
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 552	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1441)

PLOT DATE : 8/6/2015 2:53 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

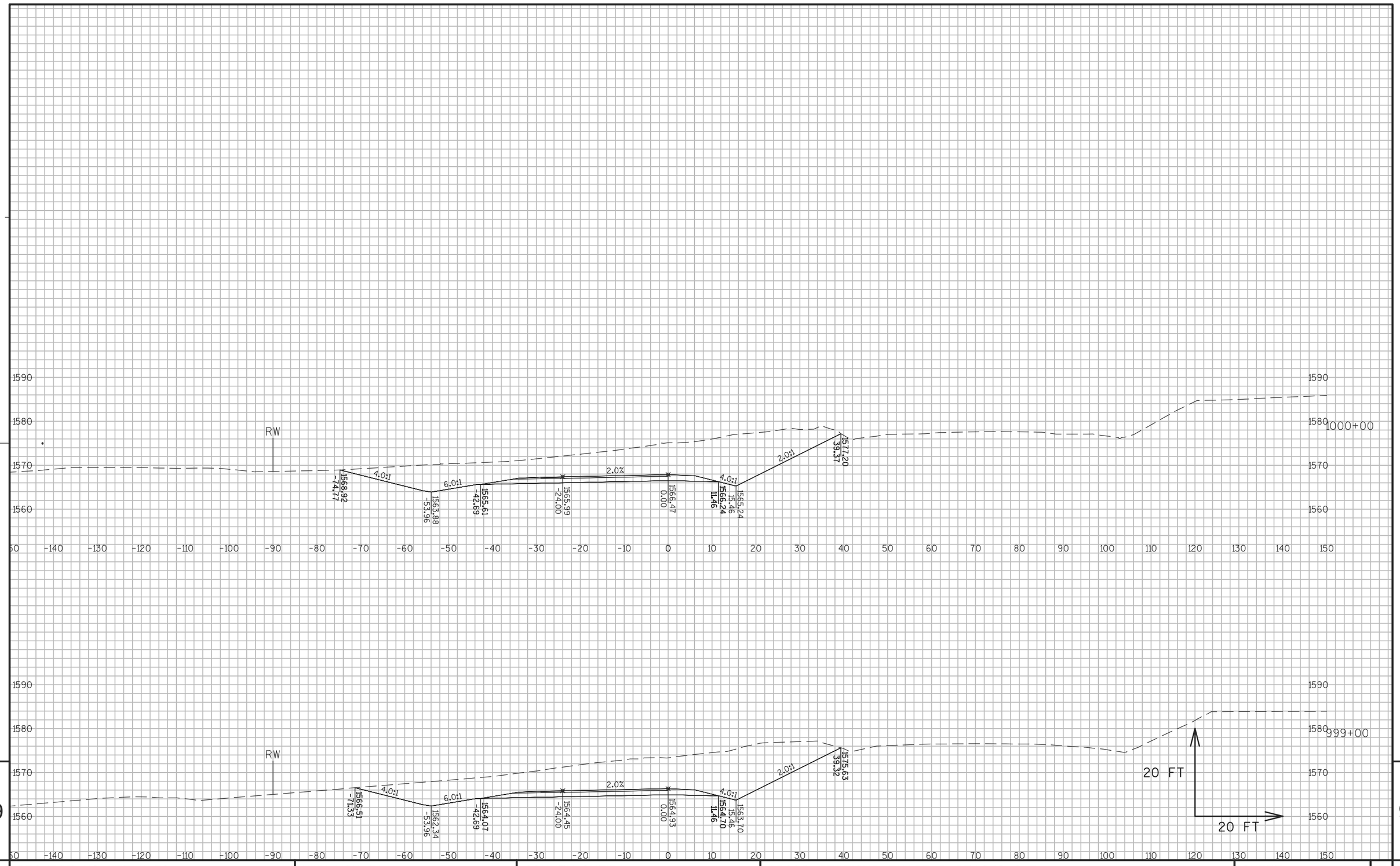


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 553	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1442)

PLOT DATE : 8/6/2015 2:54 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



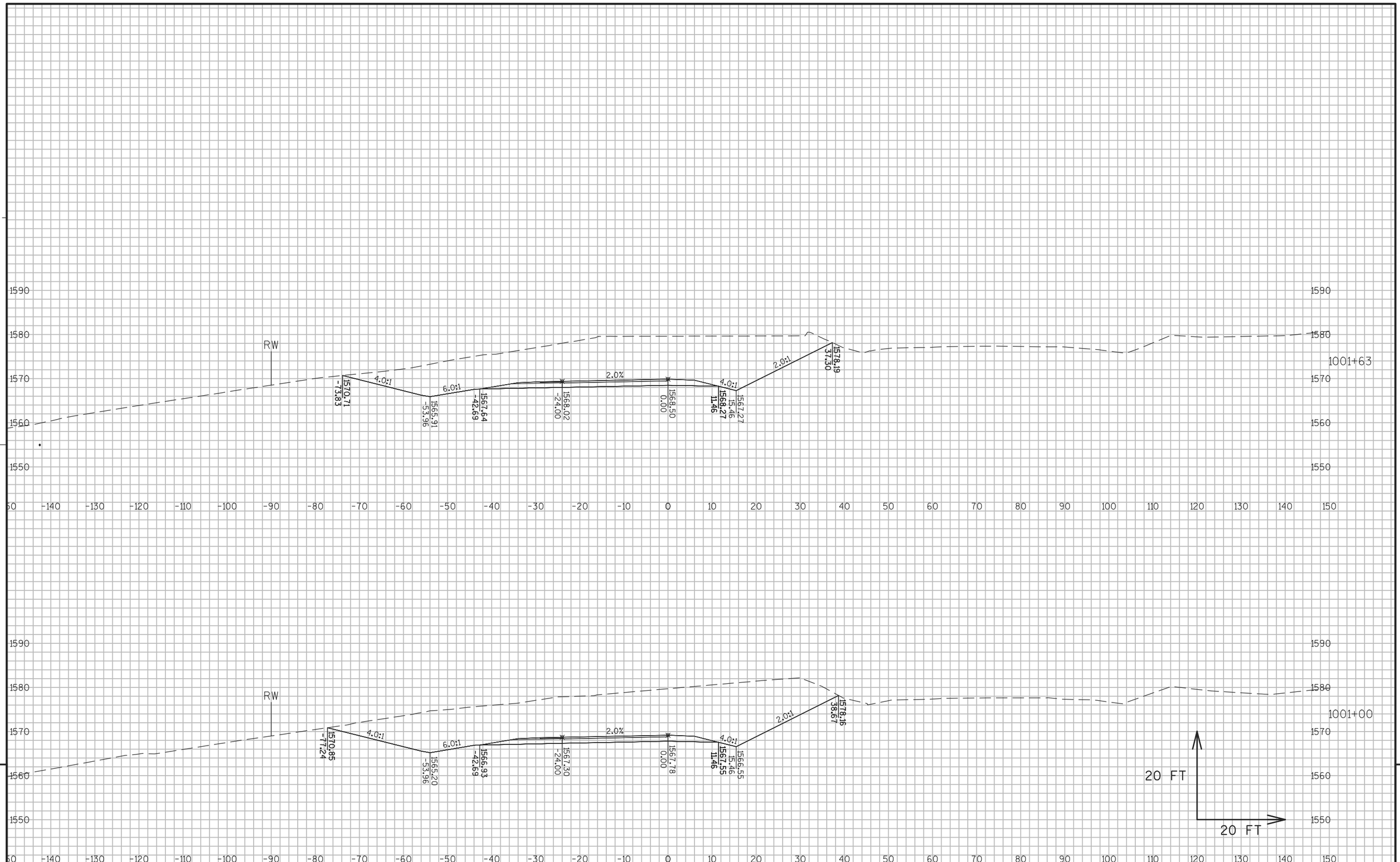
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 554	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1443)

PLOT DATE : 8/6/2015 2:54 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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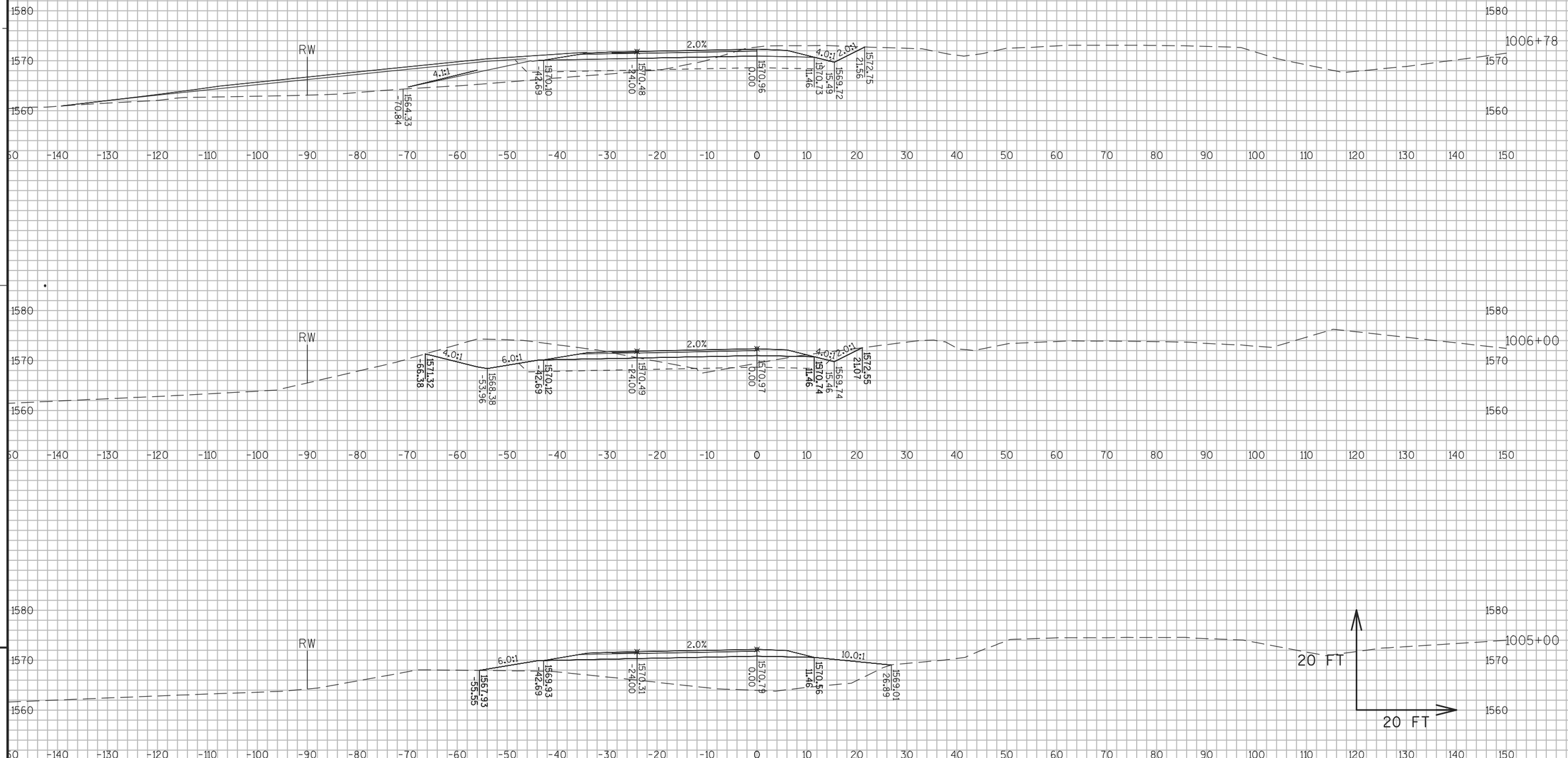
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 555	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1444)

PLOT DATE : 8/6/2015 2:54 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 556	E

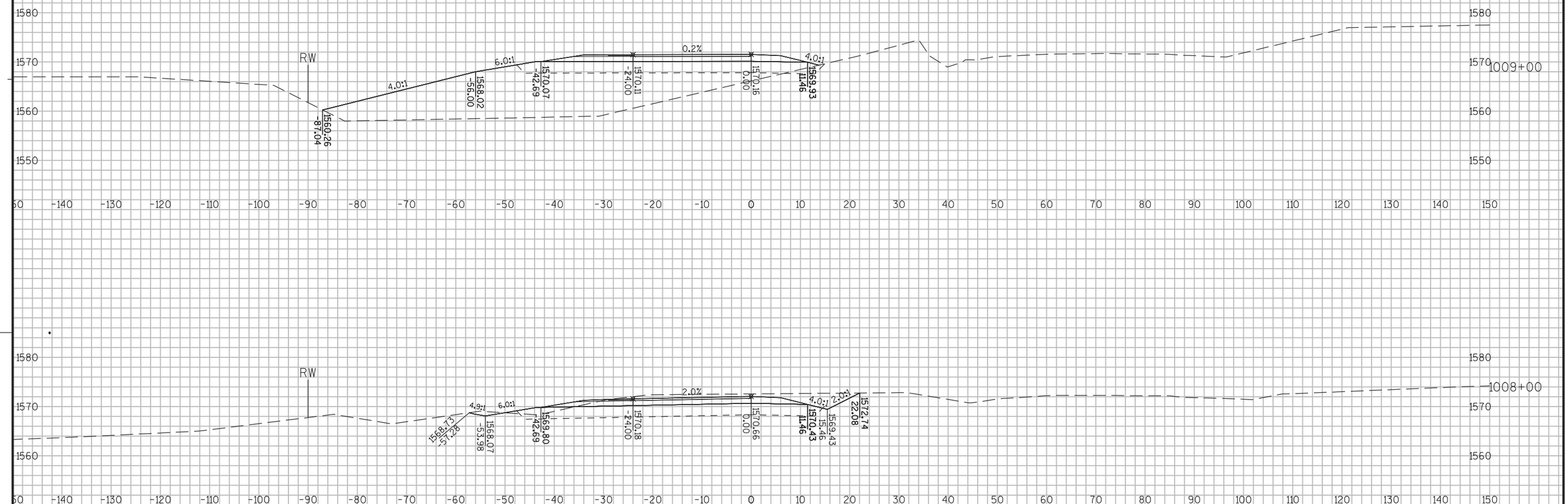


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 557 E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1446)

PLOT DATE : 8/6/2015 2:54 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

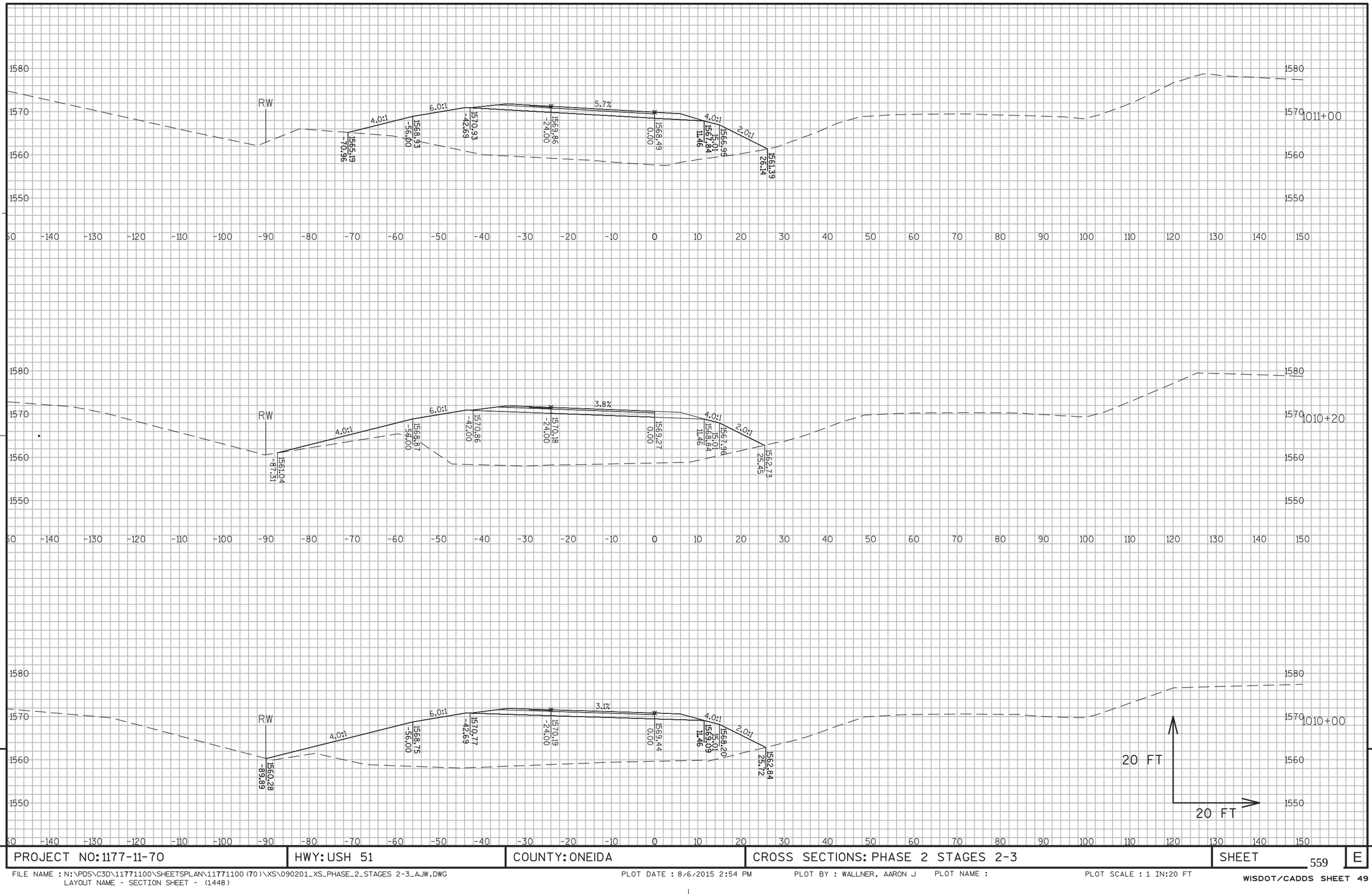


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 558	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1447)

PLOT DATE : 8/6/2015 2:54 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

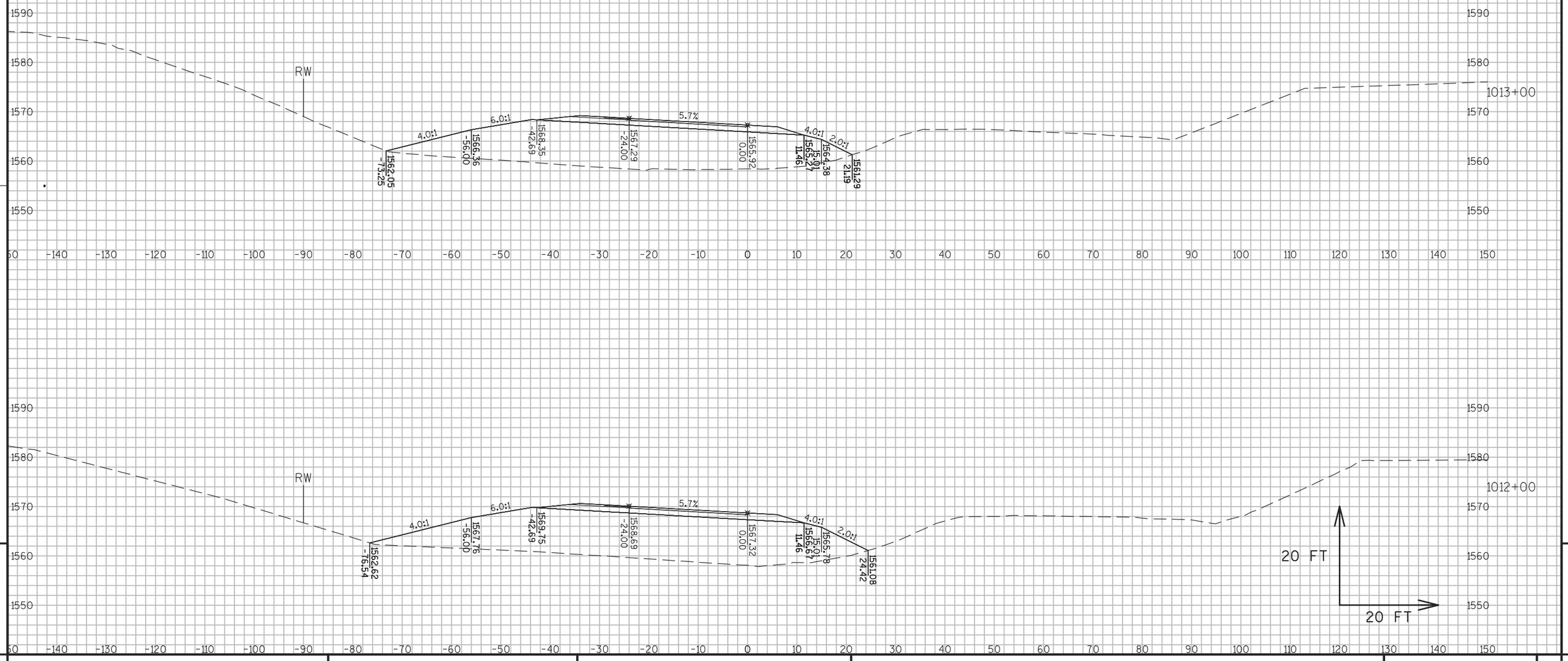


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 559	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1448)

PLOT DATE : 8/6/2015 2:54 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

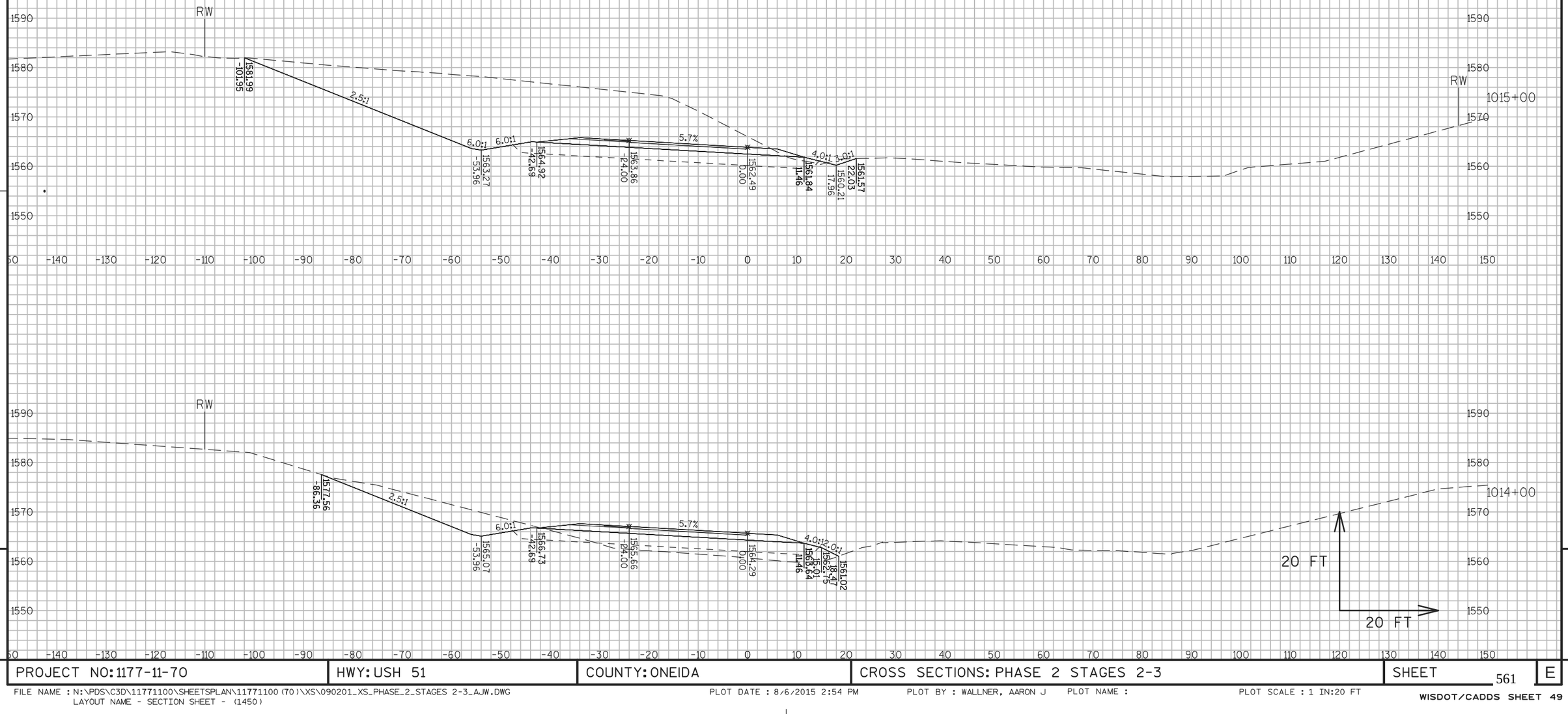
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 560	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1449)

PLOT DATE : 8/6/2015 2:54 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

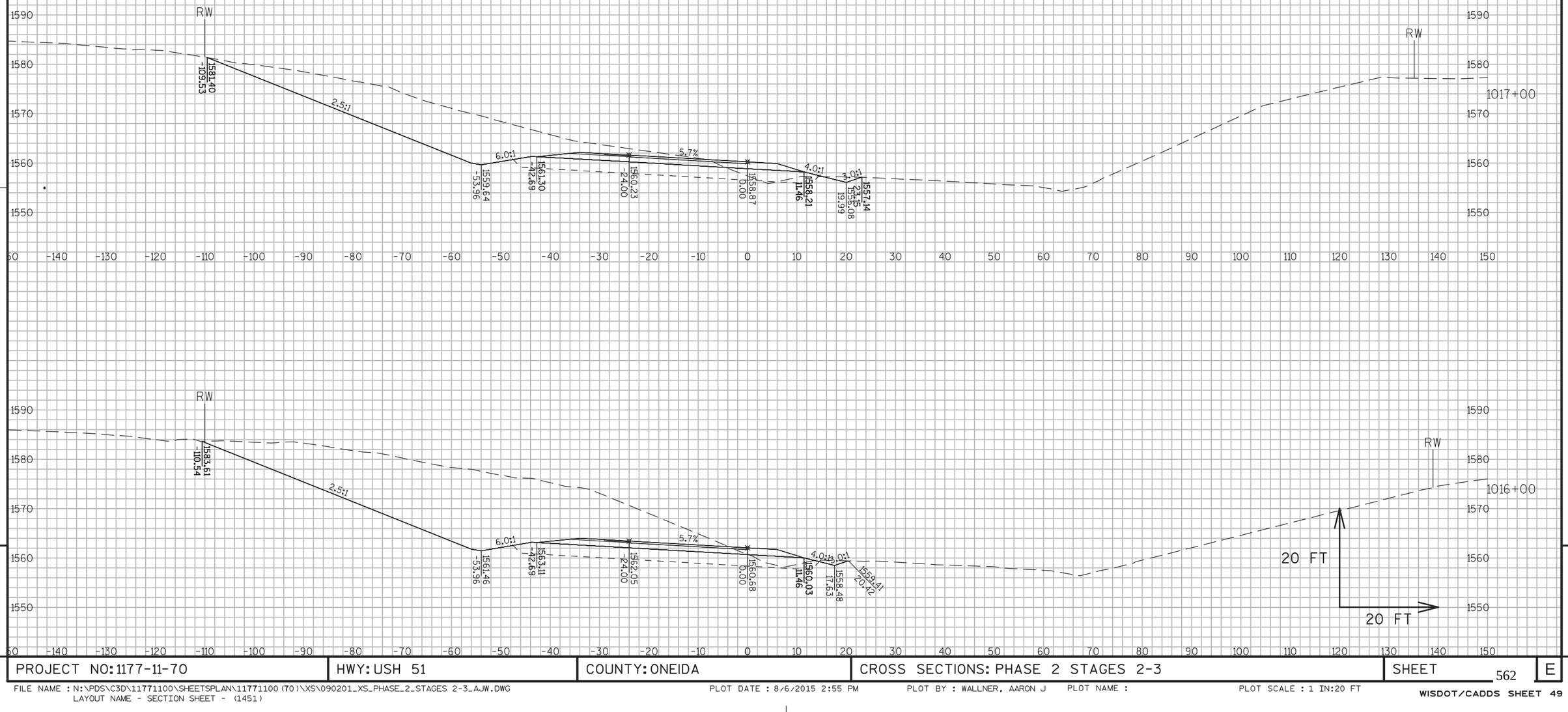
WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 561	E



9

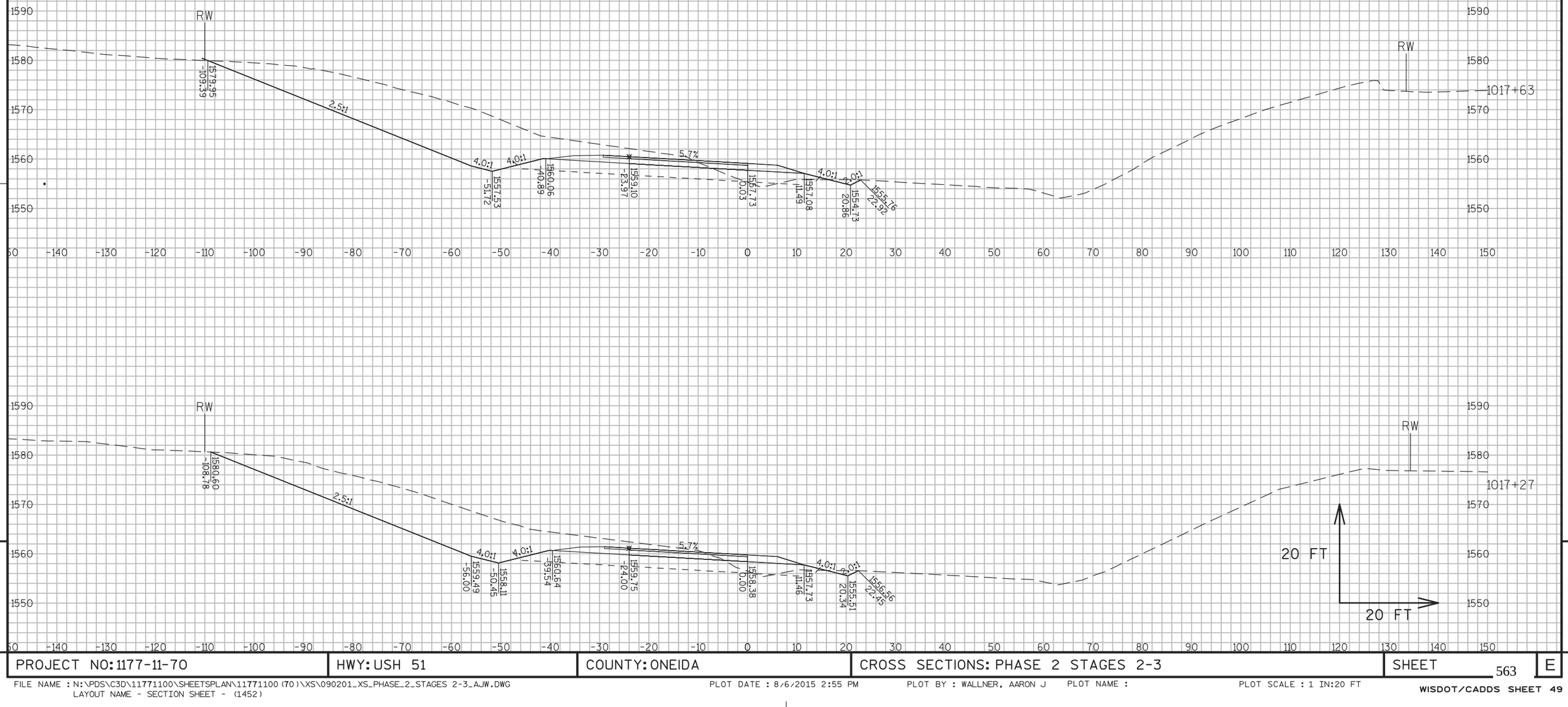
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 562	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1451)

PLOT DATE : 8/6/2015 2:55 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

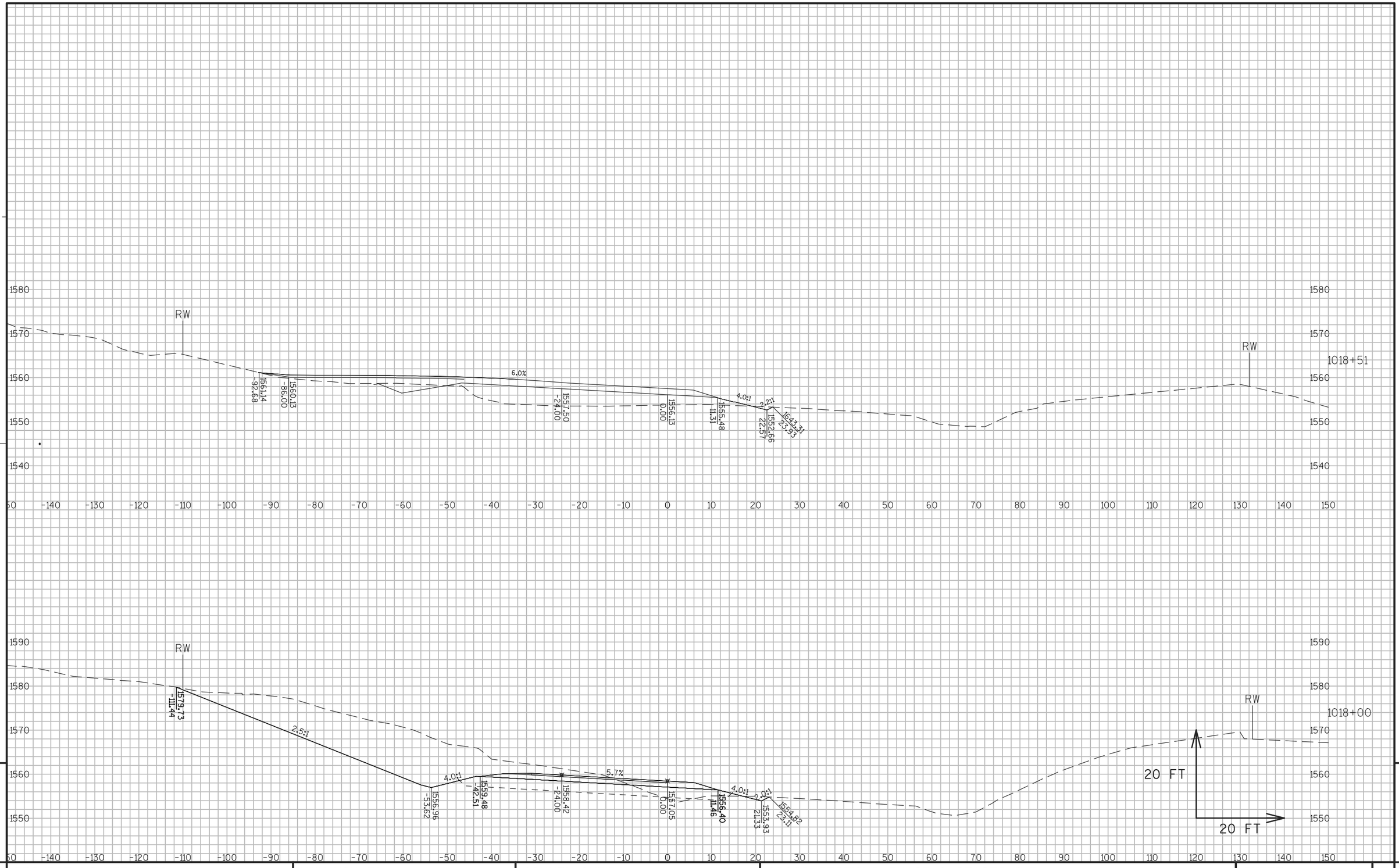


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 563	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1452)

PLOT DATE : 8/6/2015 2:55 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

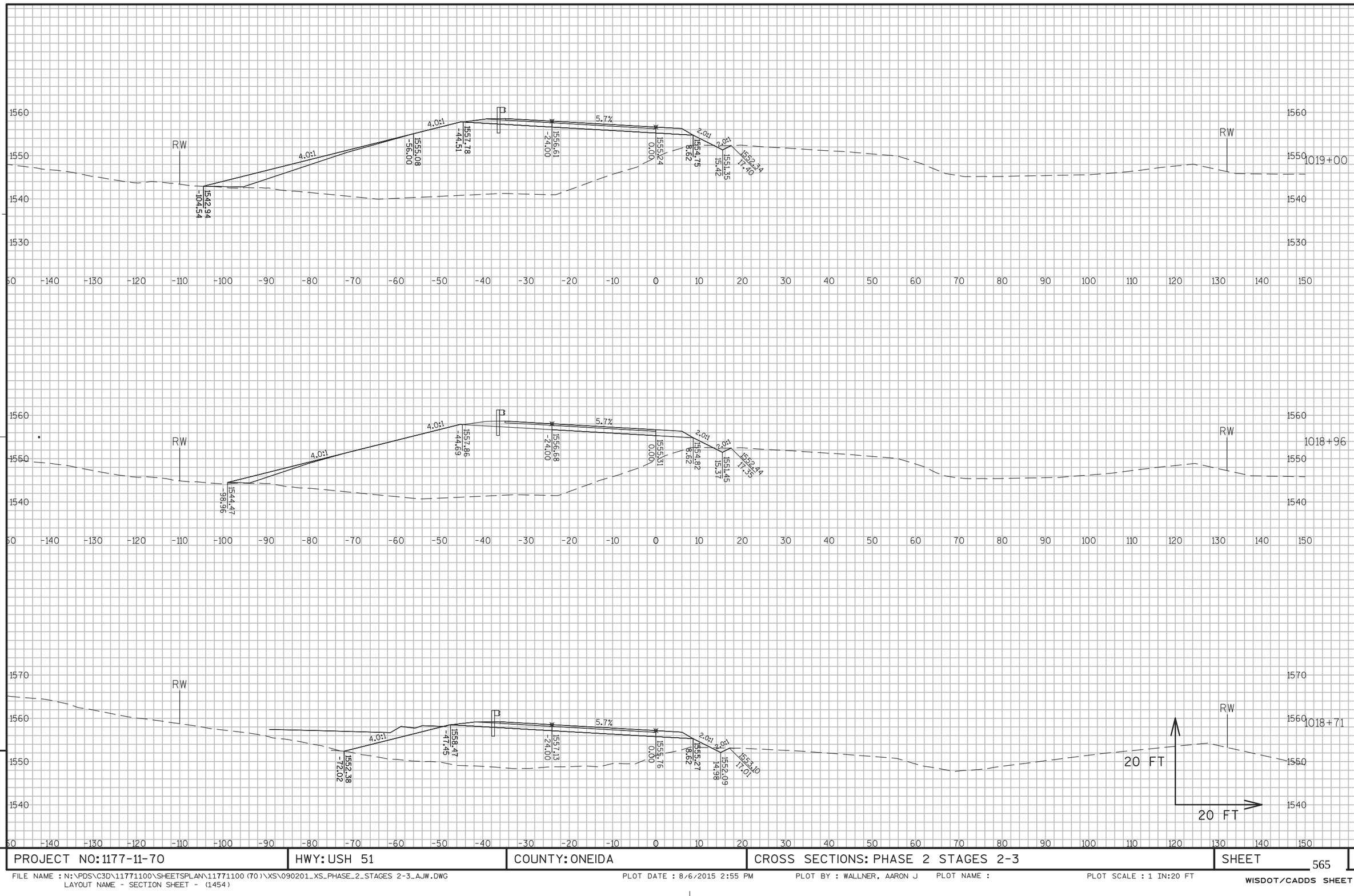


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 564	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1453)

PLOT DATE : 8/6/2015 2:55 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

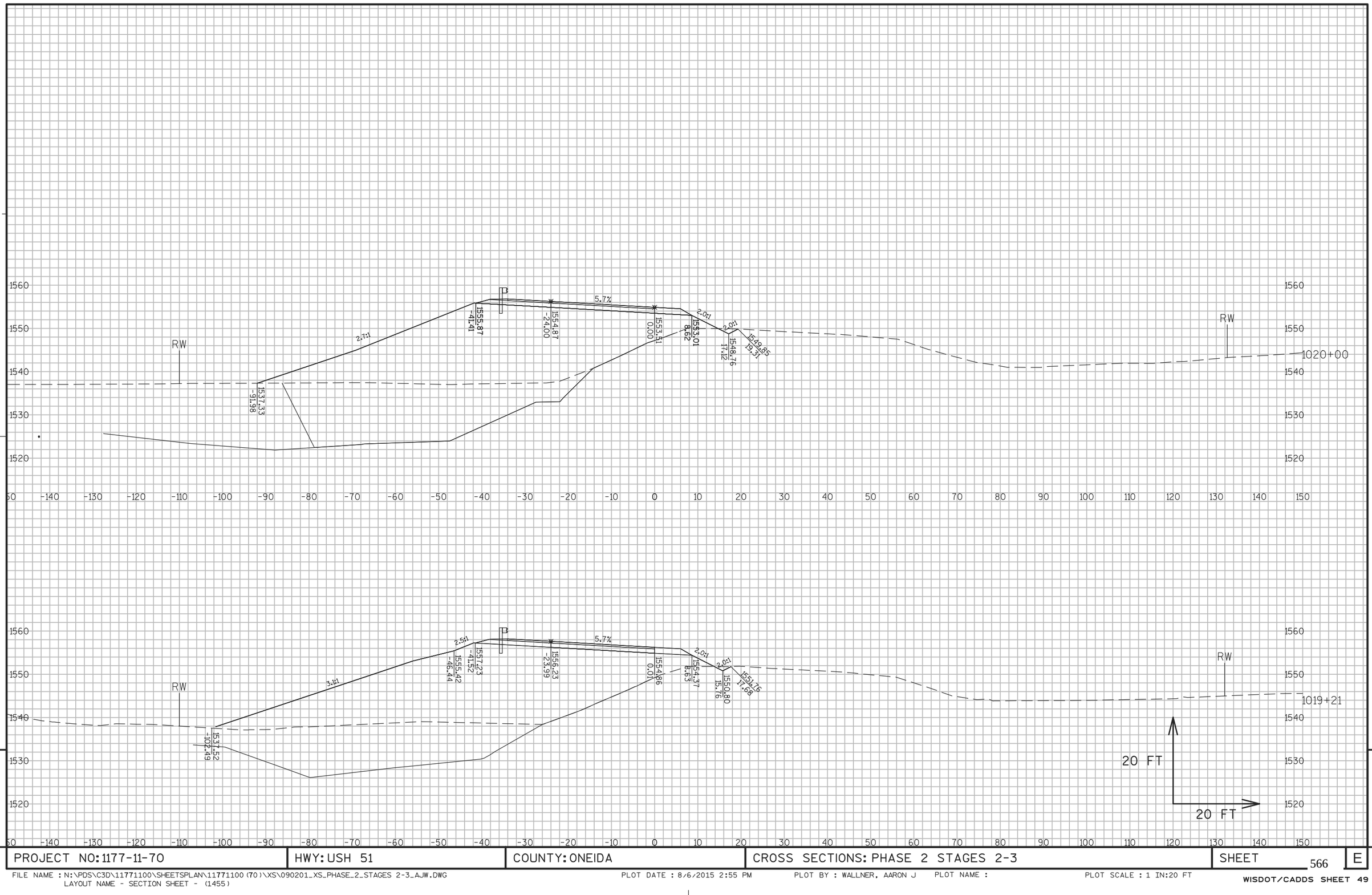
WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 565	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1454)

PLOT DATE : 8/6/2015 2:55 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

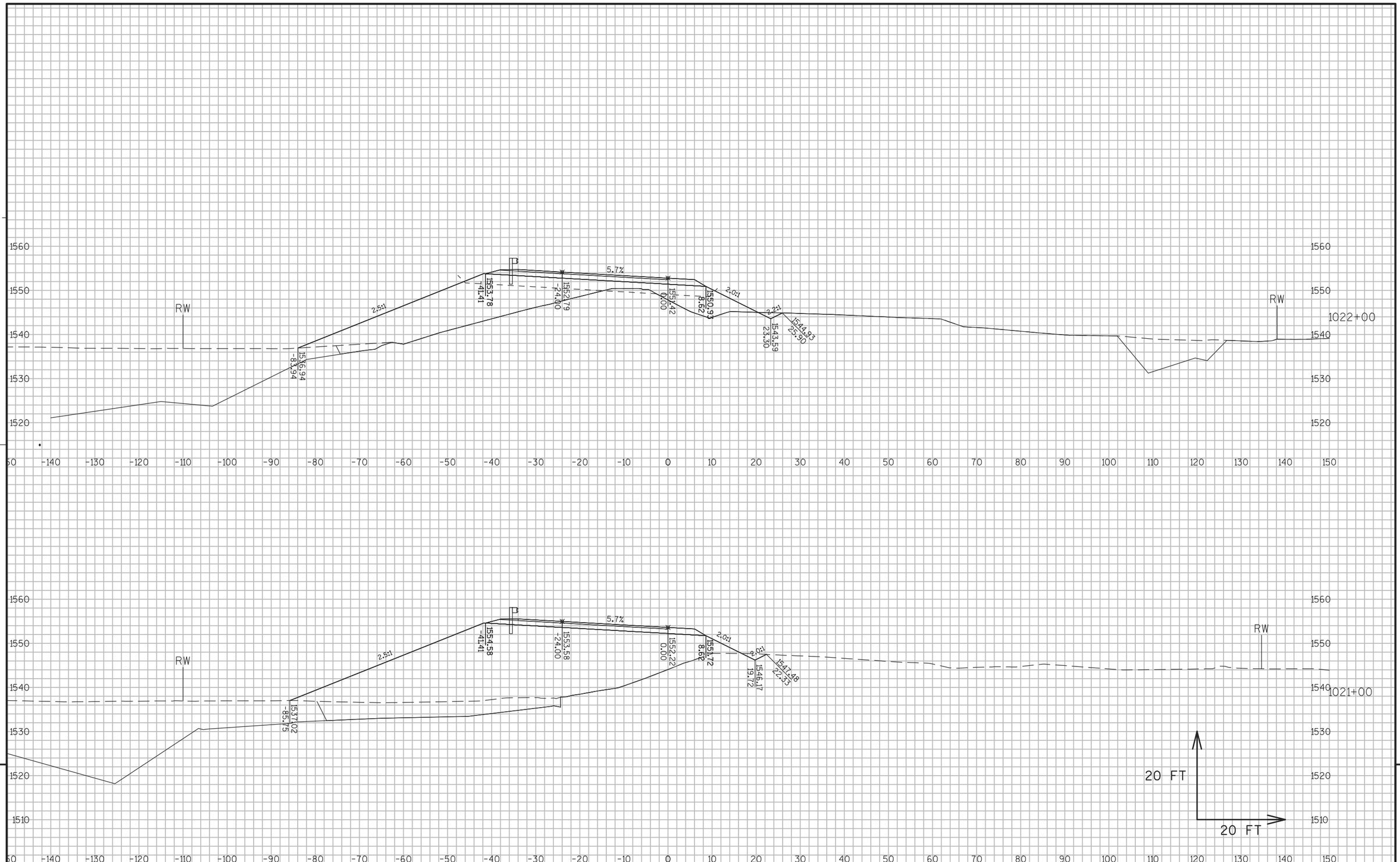


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 566	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1455)

PLOT DATE : 8/6/2015 2:55 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

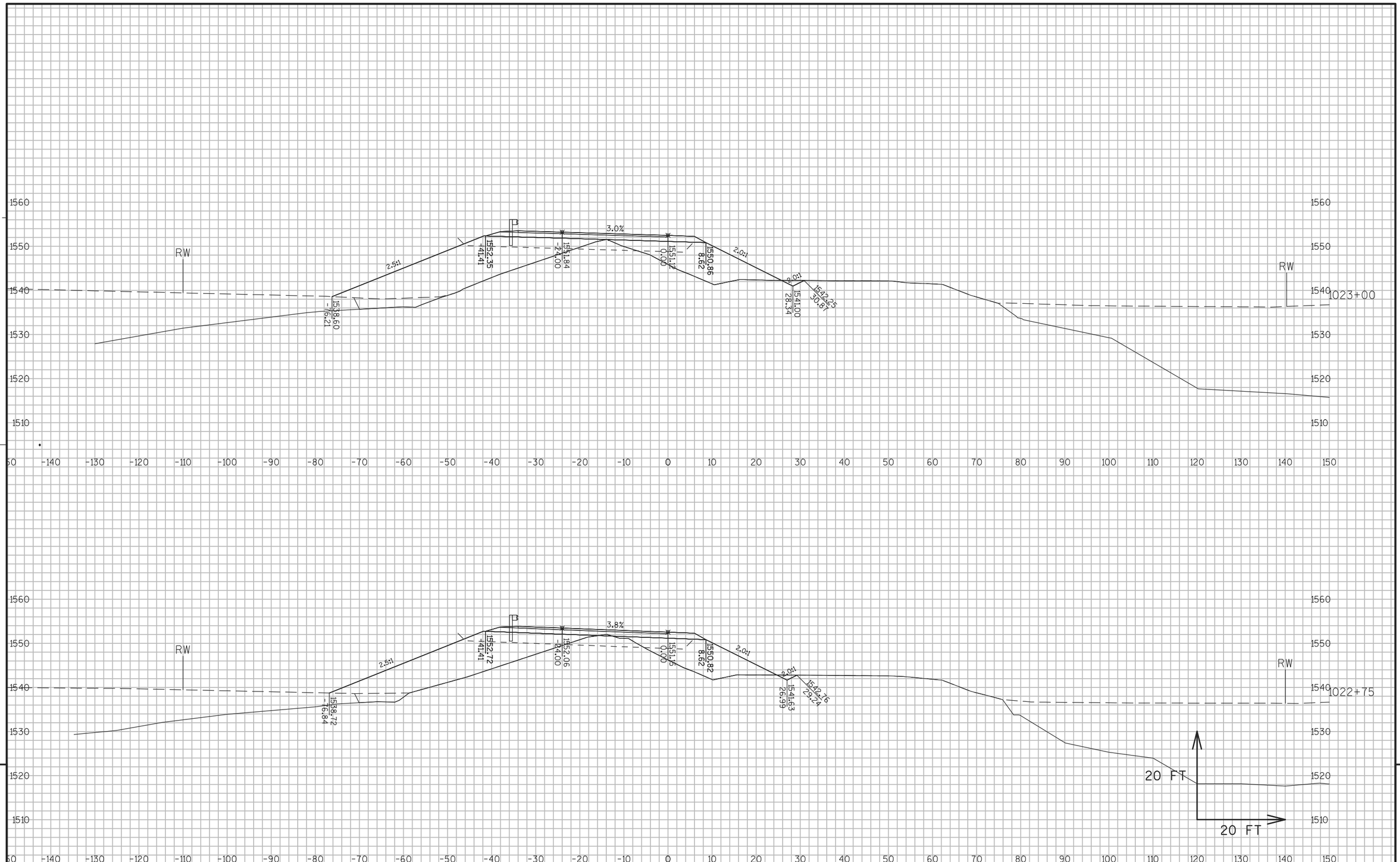


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 567	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1456)

PLOT DATE : 8/6/2015 2:55 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

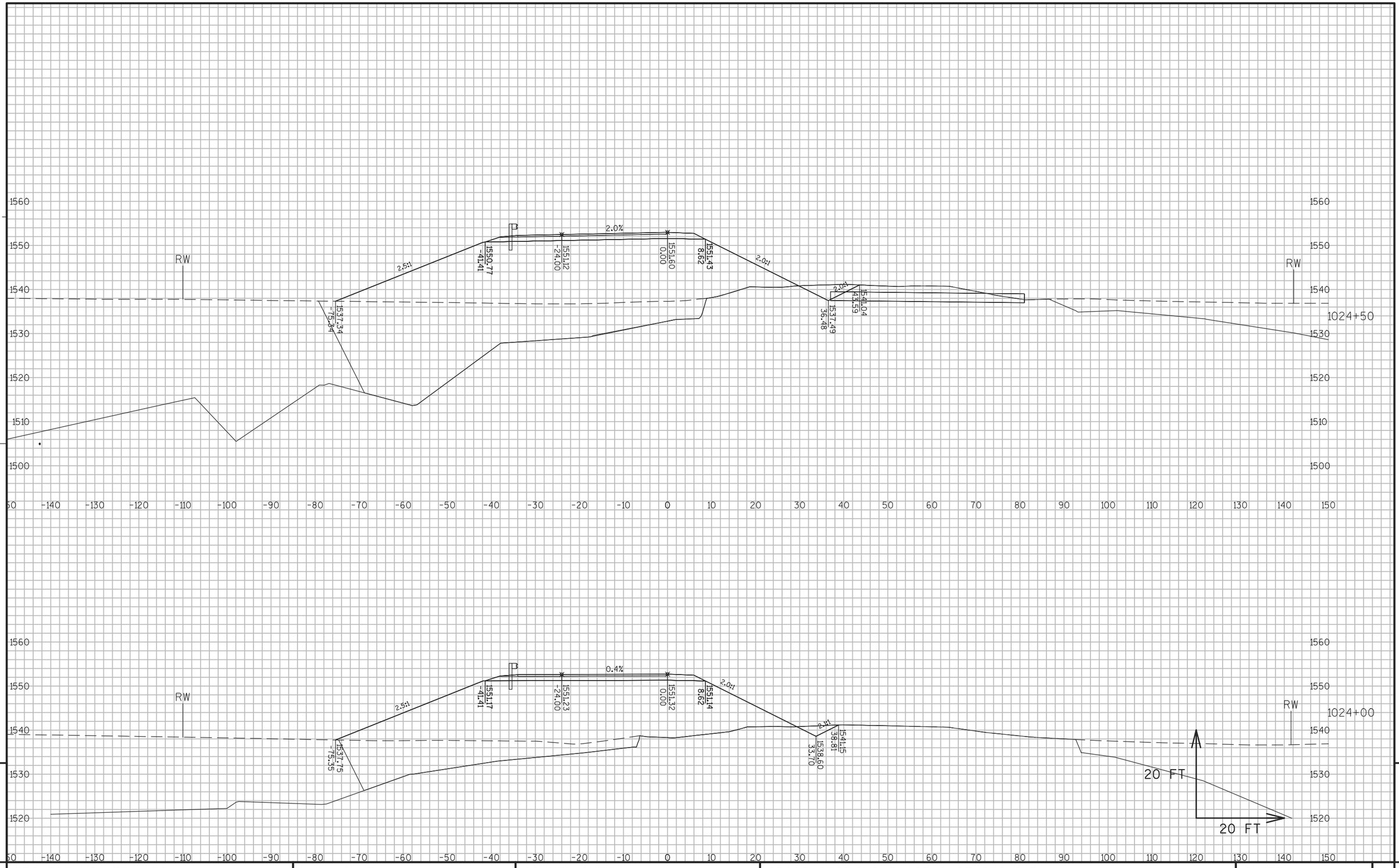


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 568 E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1457)

PLOT DATE : 8/6/2015 2:55 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

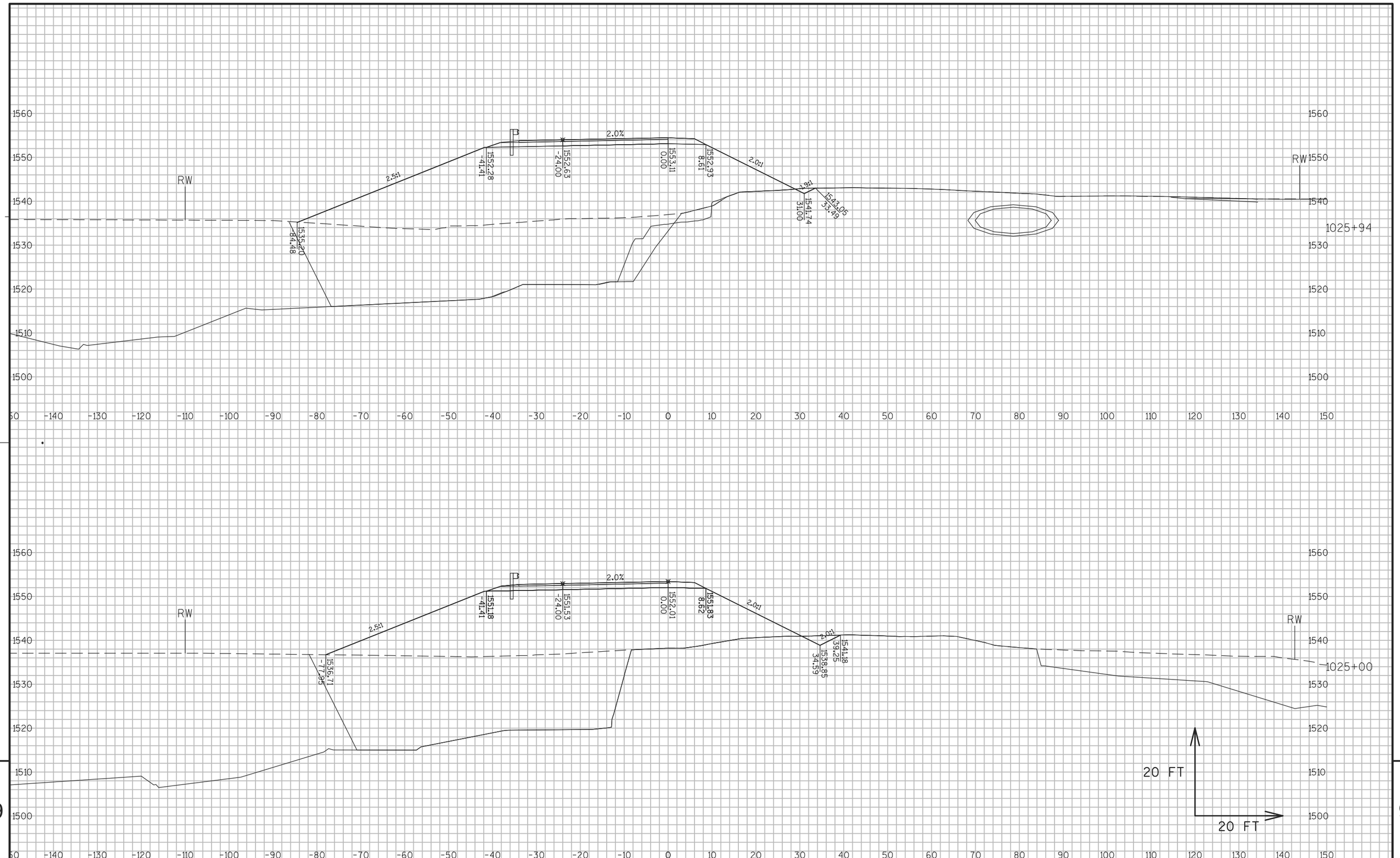
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 569	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1458)

PLOT DATE : 8/6/2015 2:55 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

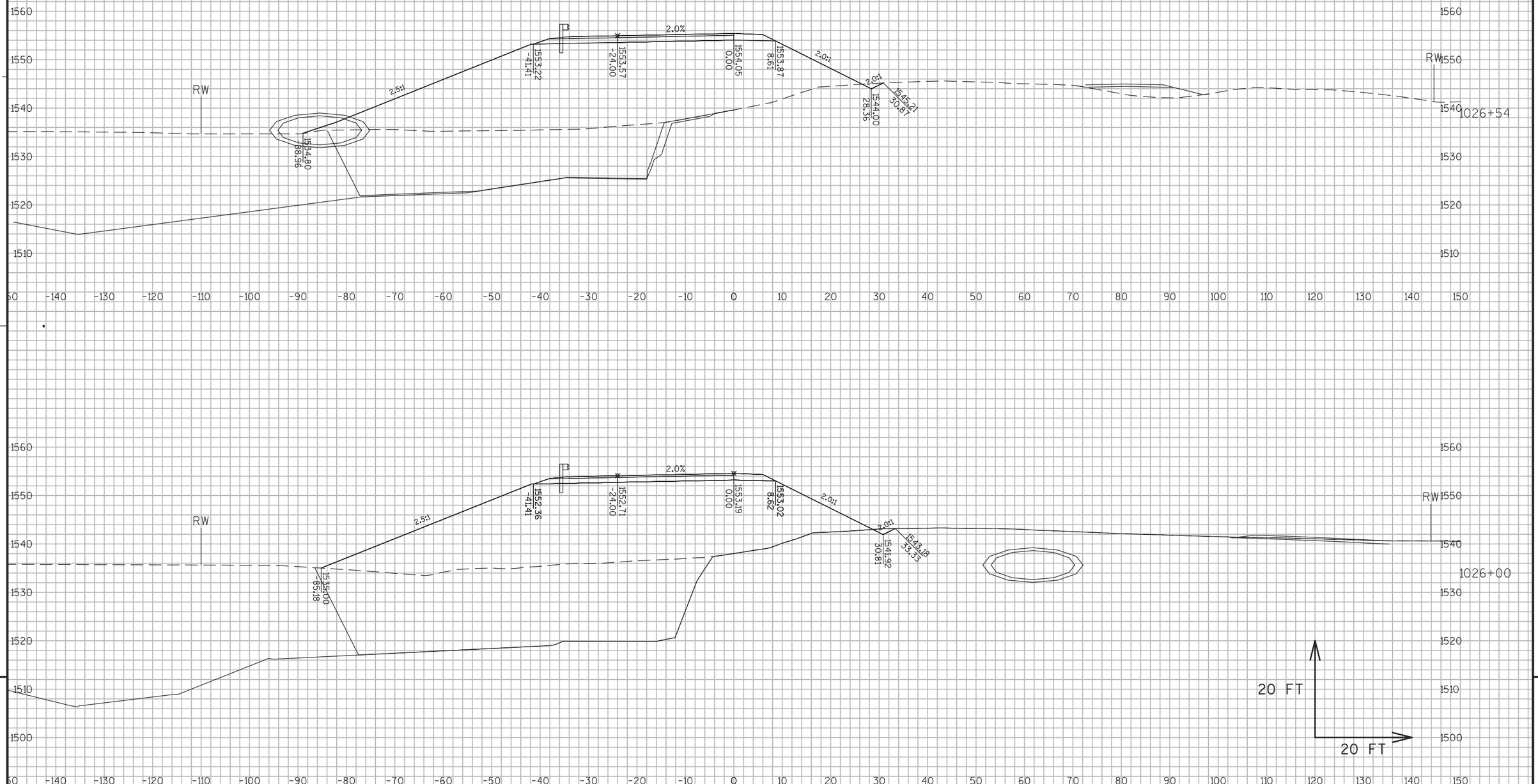
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 570	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1459)

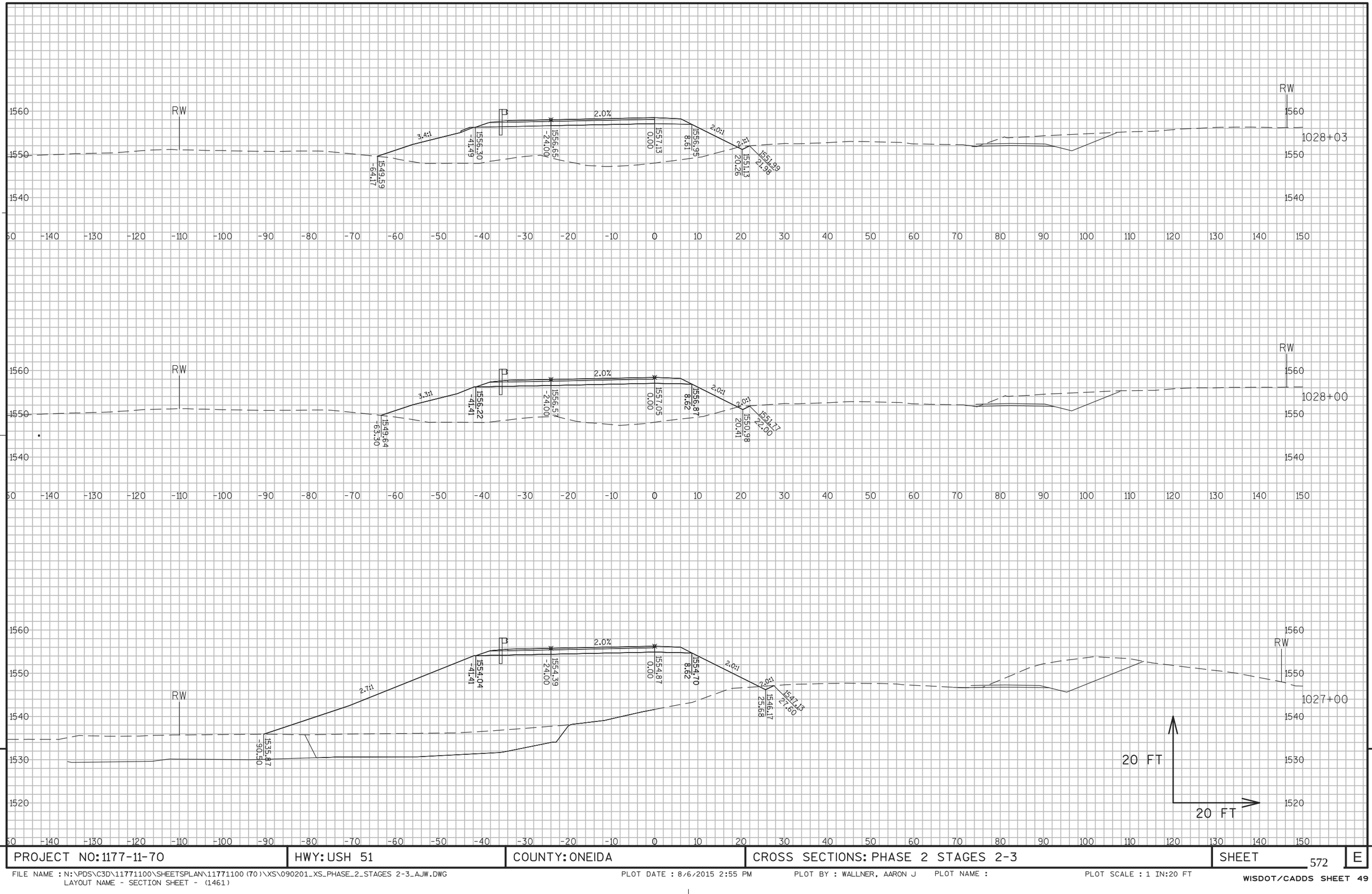
PLOT DATE : 8/6/2015 2:55 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

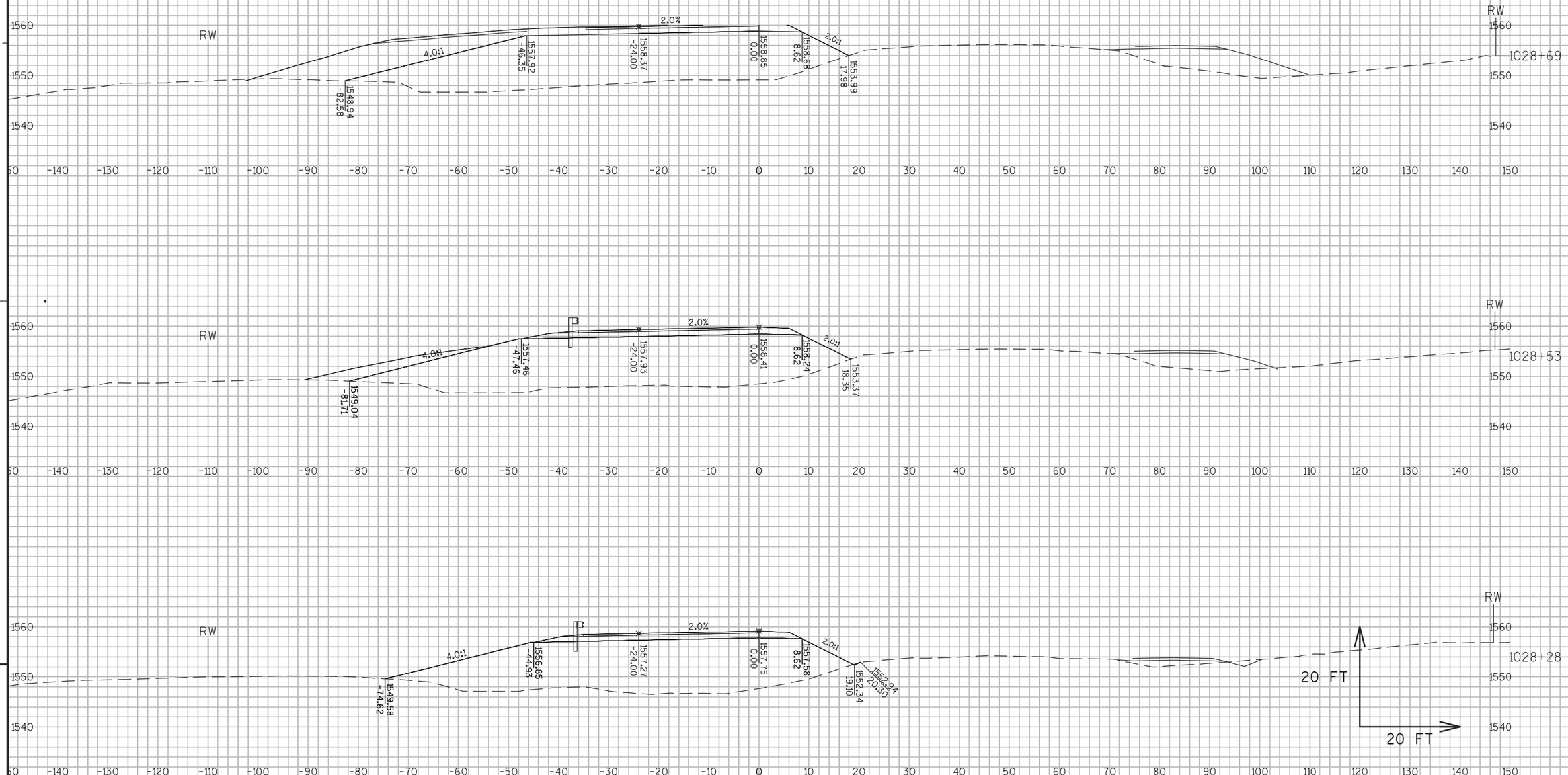


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 571	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1460)
PLOT DATE : 8/6/2015 2:55 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 572	E

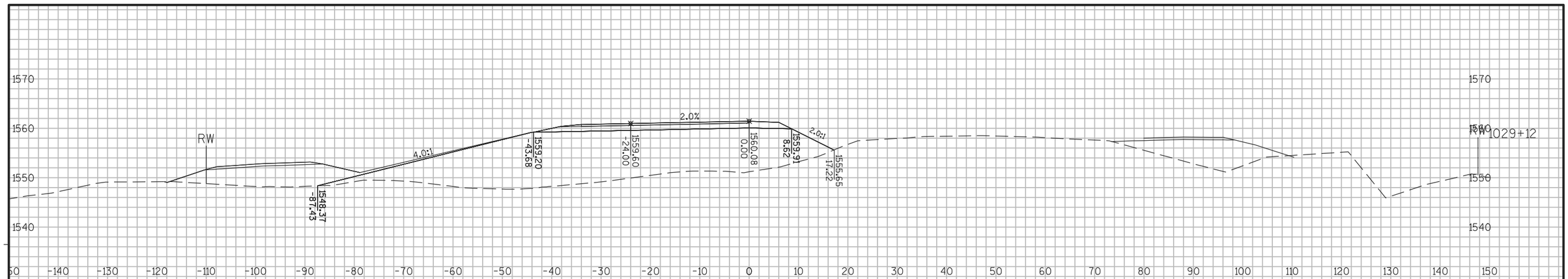


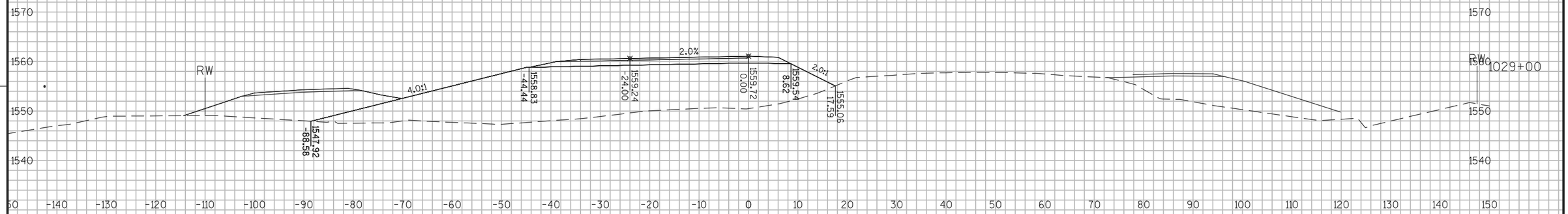
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 573 E

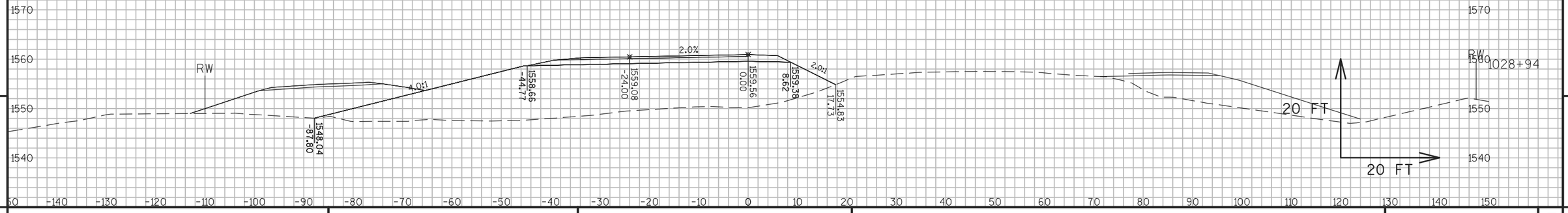
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LAYOUT NAME - SECTION SHEET - (1462)

PLOT DATE : 8/6/2015 2:55 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49







9

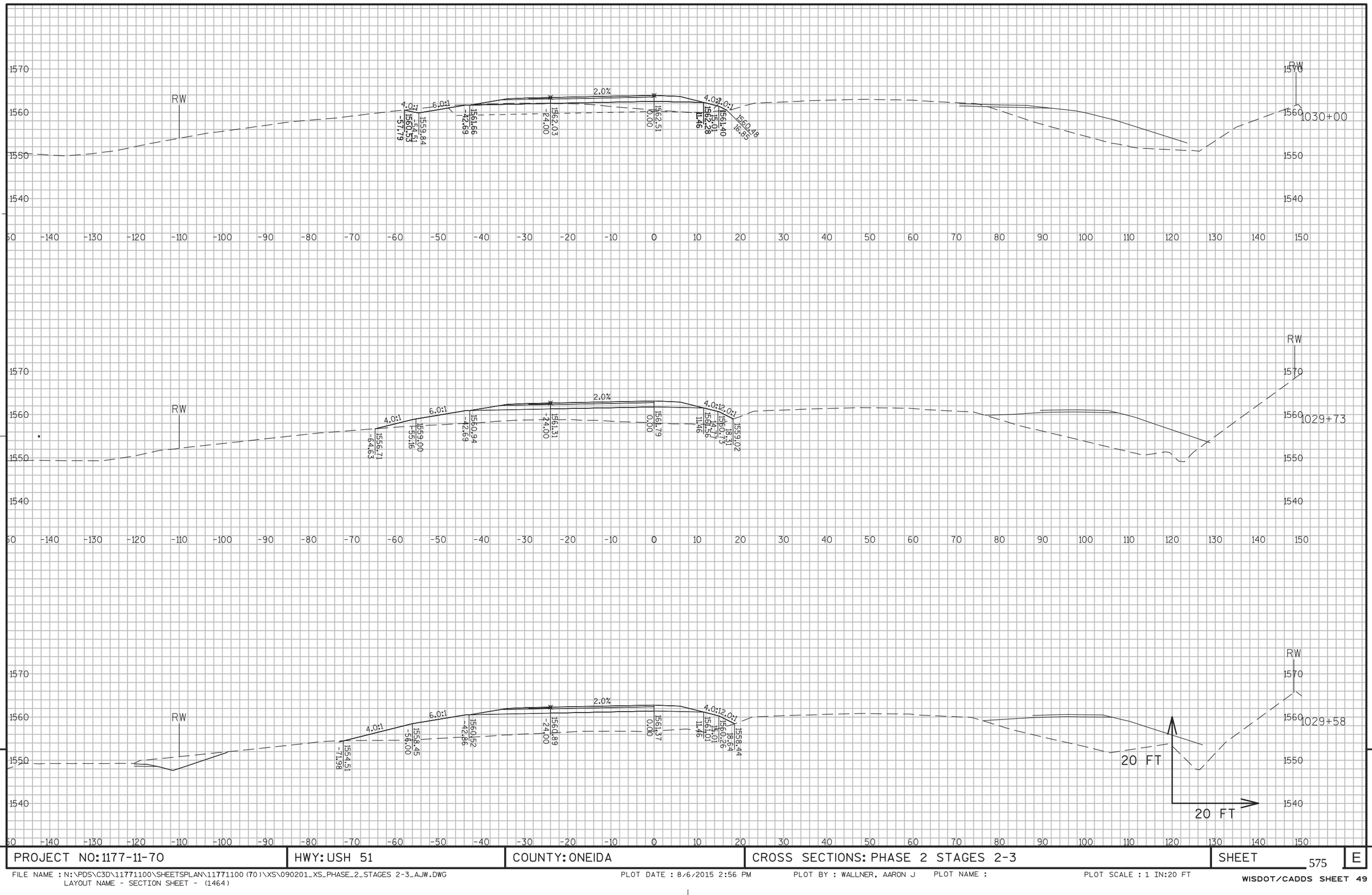
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 574	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1463)

PLOT DATE : 8/6/2015 2:56 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

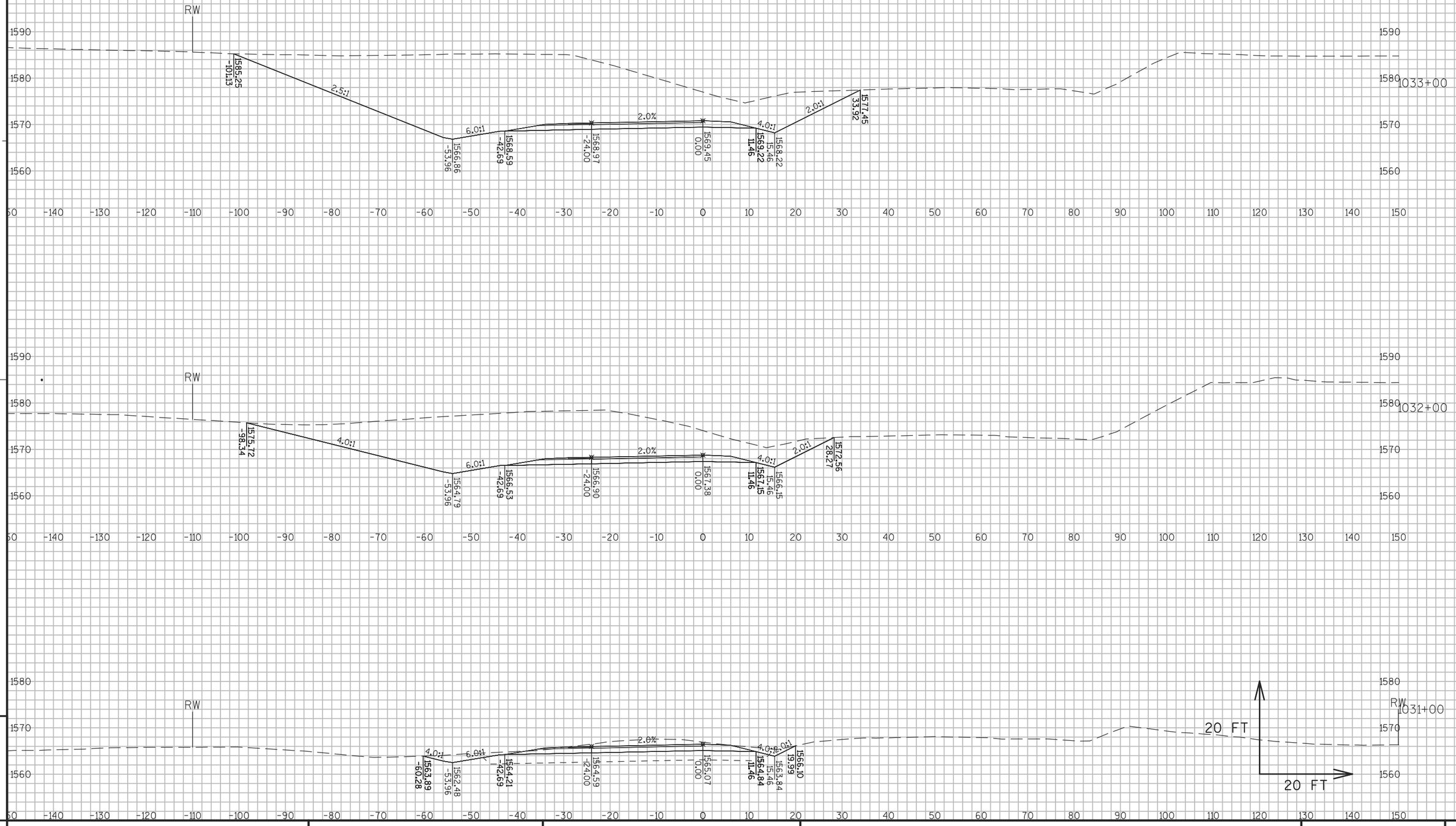


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 575 E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1464)

PLOT DATE : 8/6/2015 2:56 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

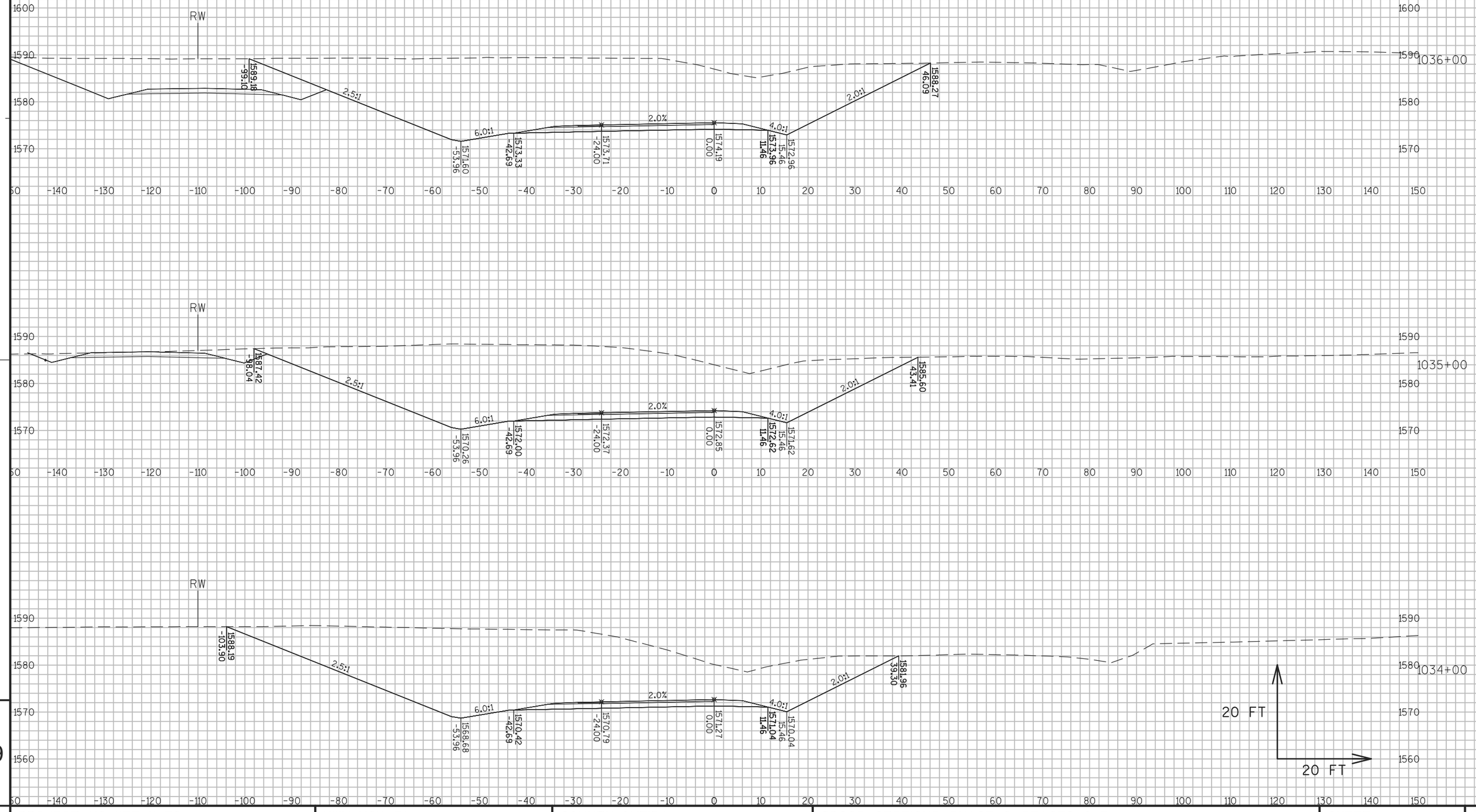


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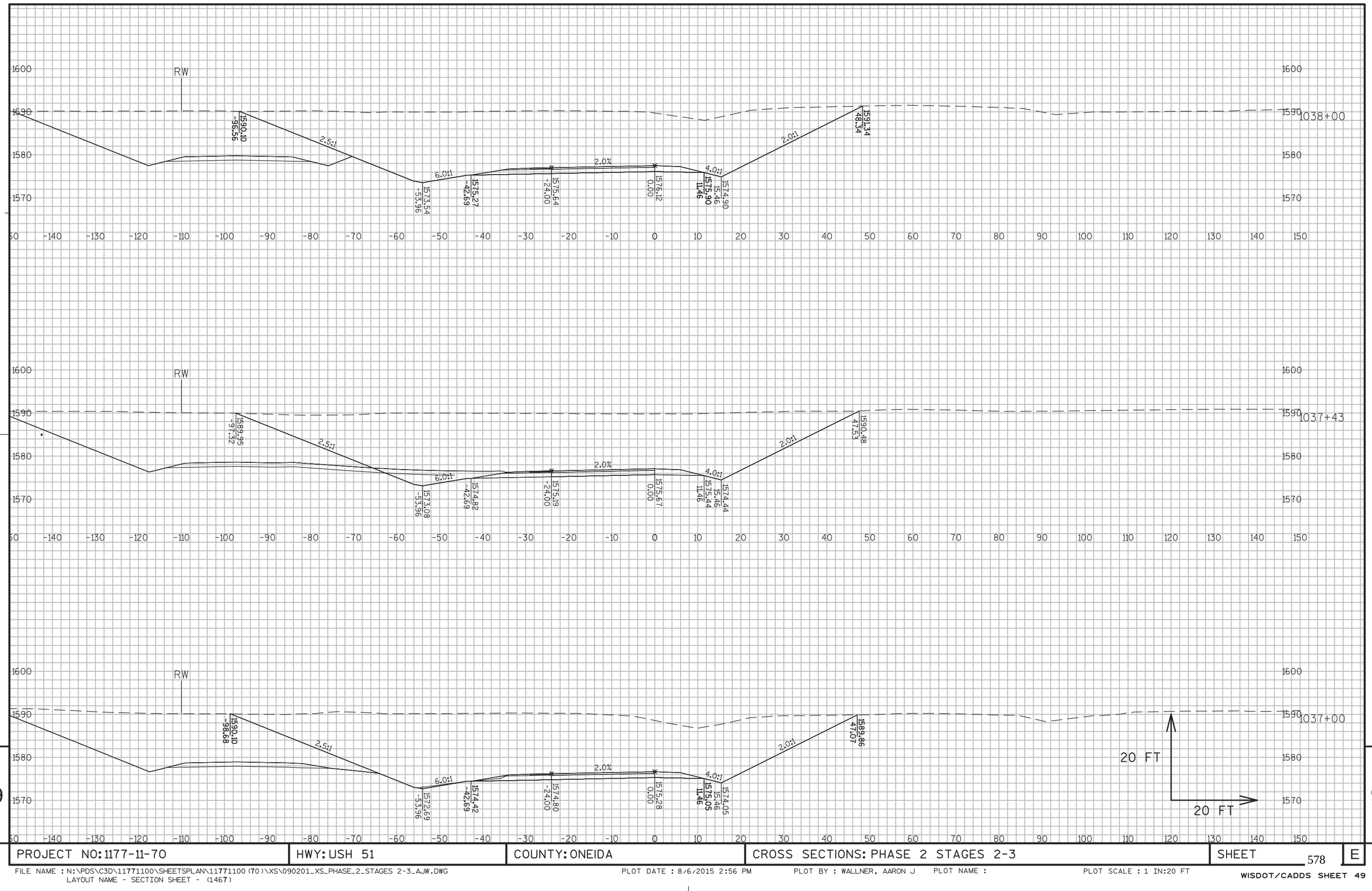
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 576	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1465)
PLOT DATE : 8/6/2015 2:56 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 577	E



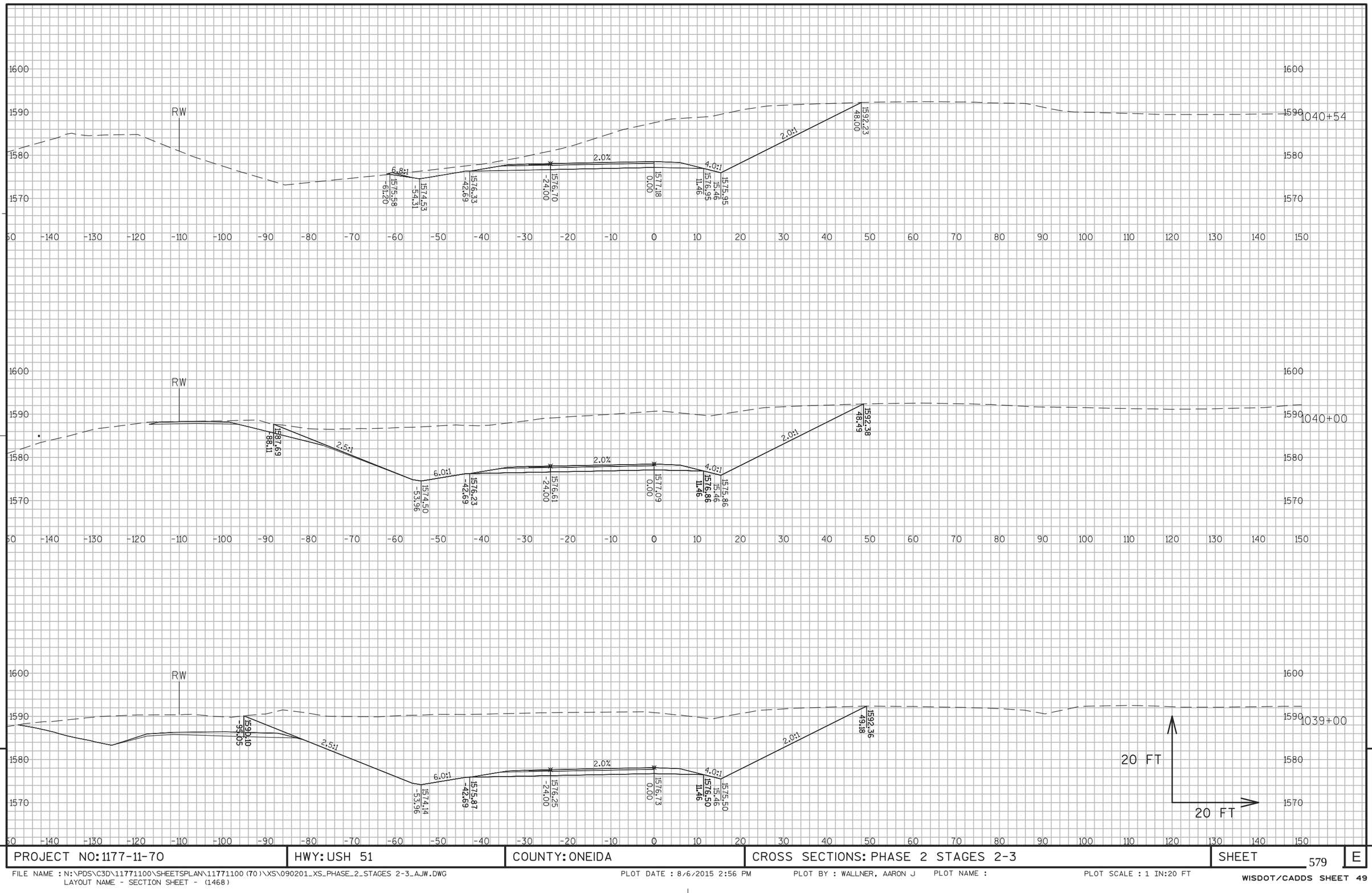
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 578	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
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PLOT DATE : 8/6/2015 2:56 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

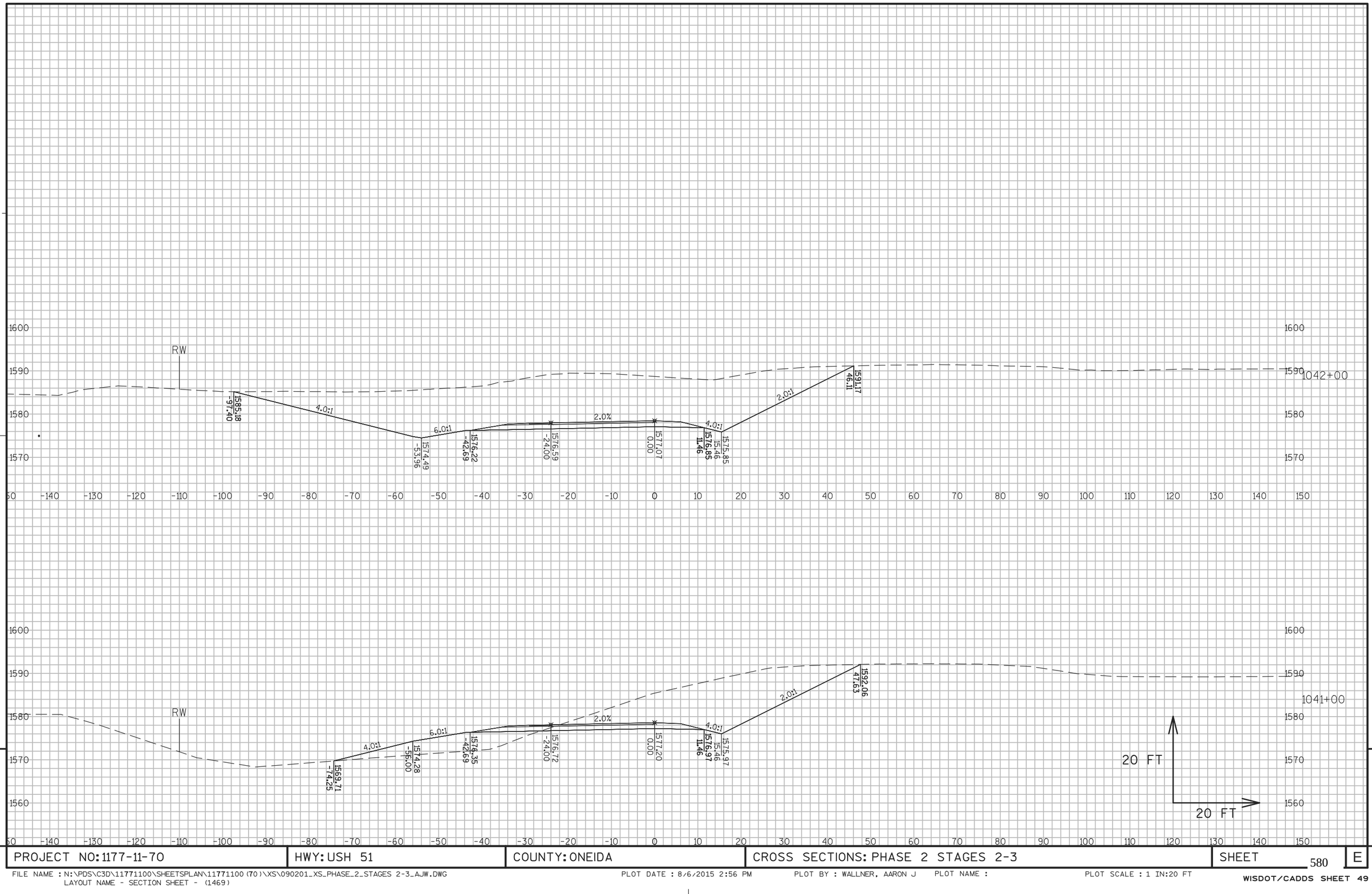


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 579	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1468)
PLOT DATE : 8/6/2015 2:56 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



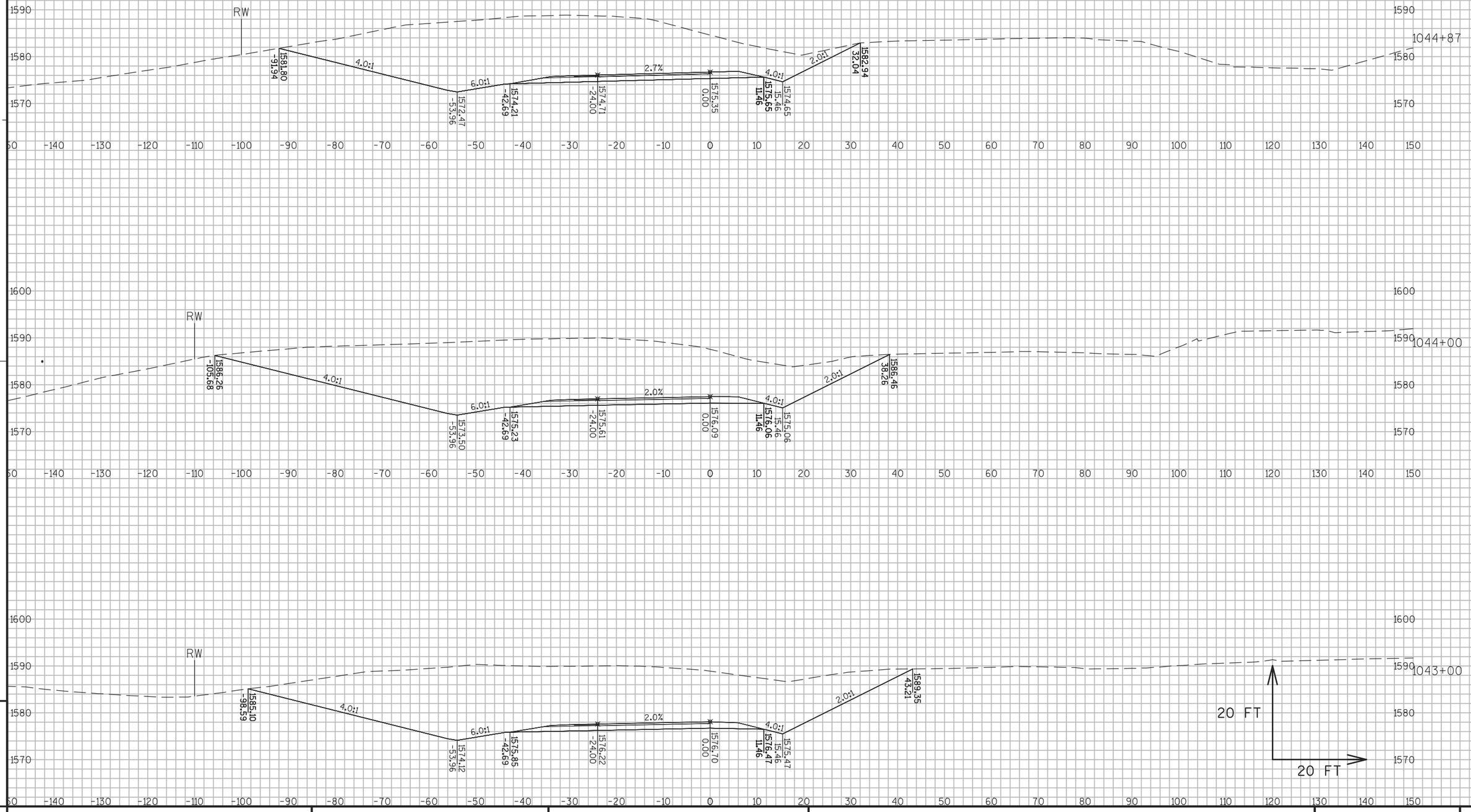
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 580	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1469)

PLOT DATE : 8/6/2015 2:56 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

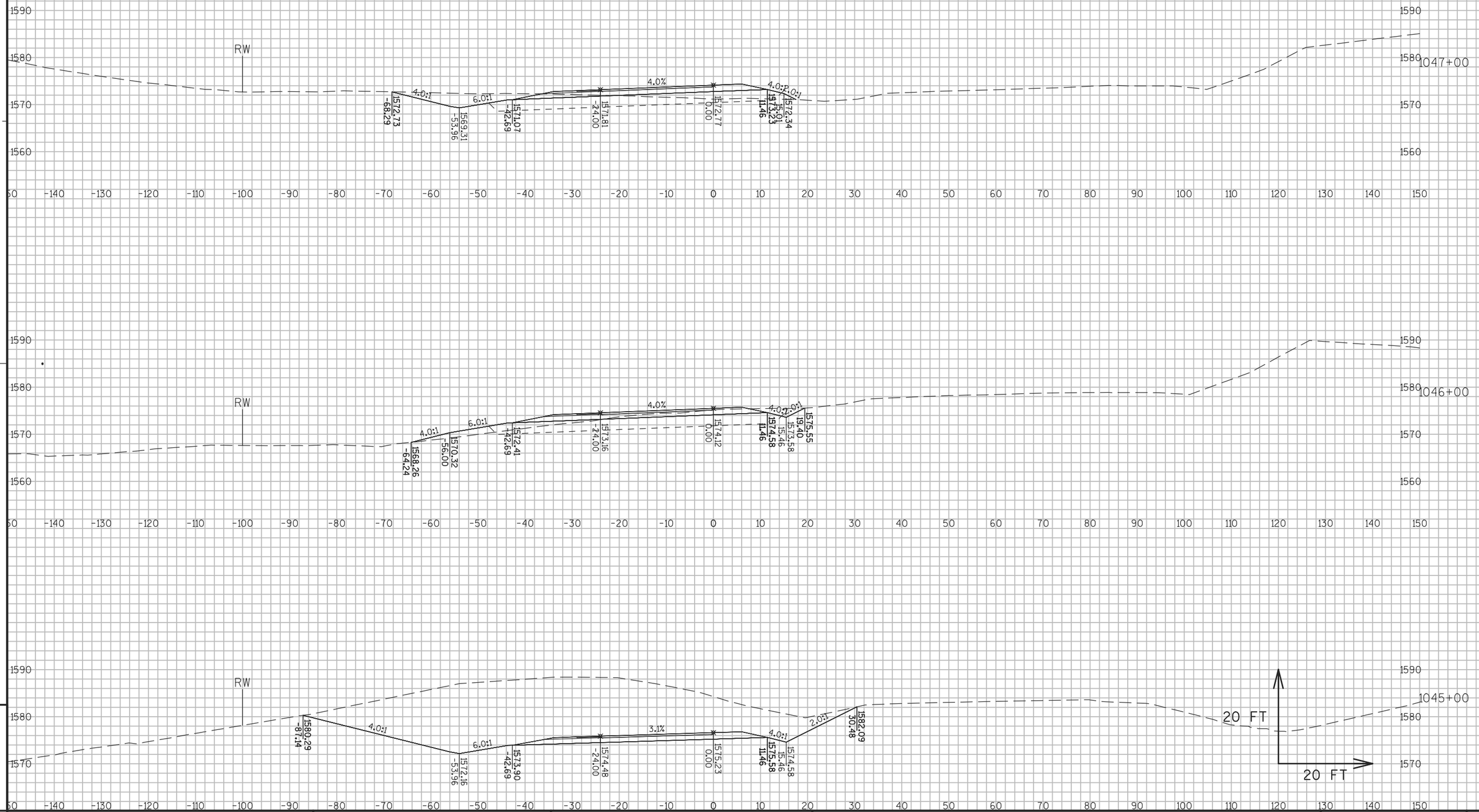


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 581	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1470)

PLOT DATE : 8/6/2015 2:56 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

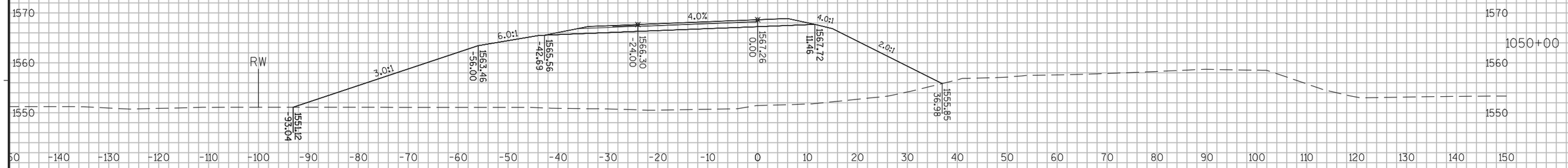


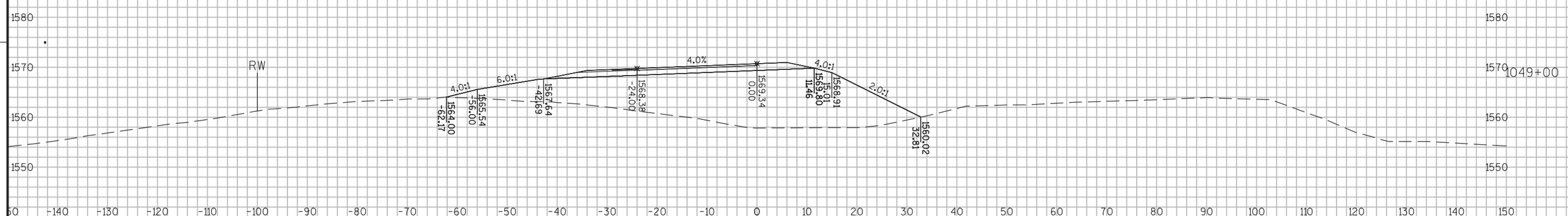
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 582	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1471)
PLOT DATE : 8/6/2015 2:56 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49







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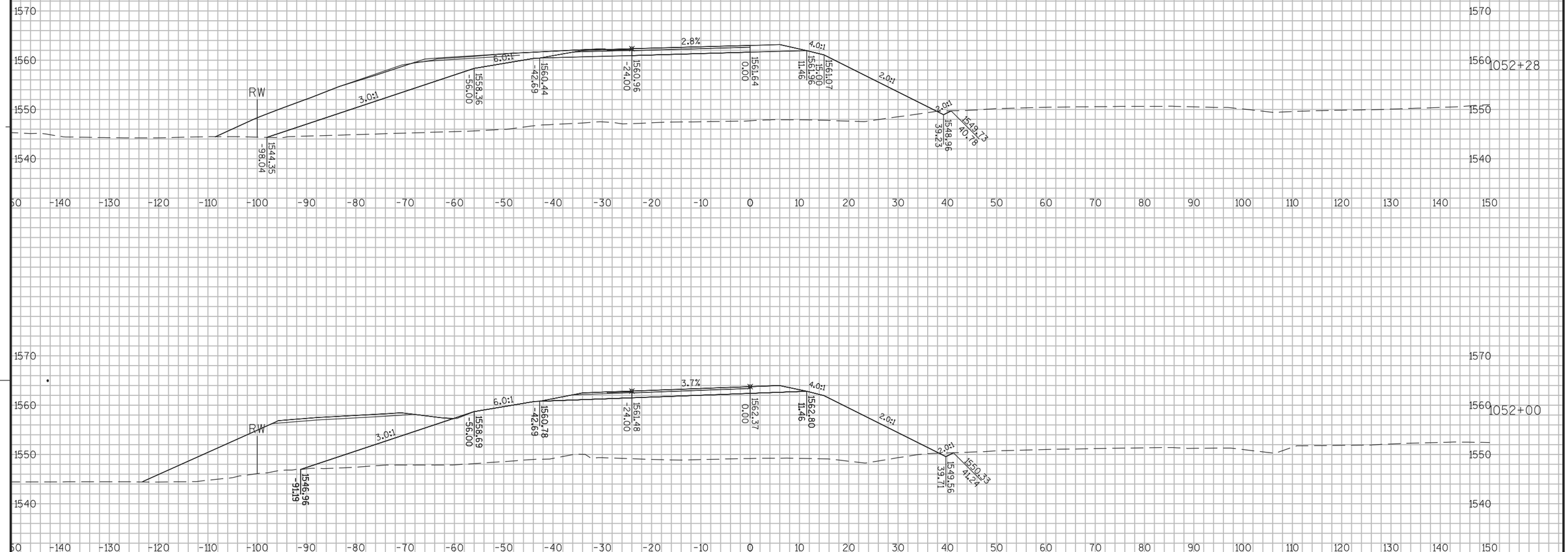
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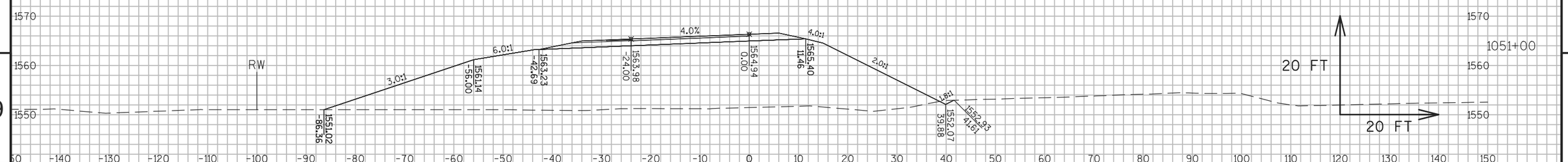
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 583	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1472)

PLOT DATE : 8/6/2015 2:56 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





9

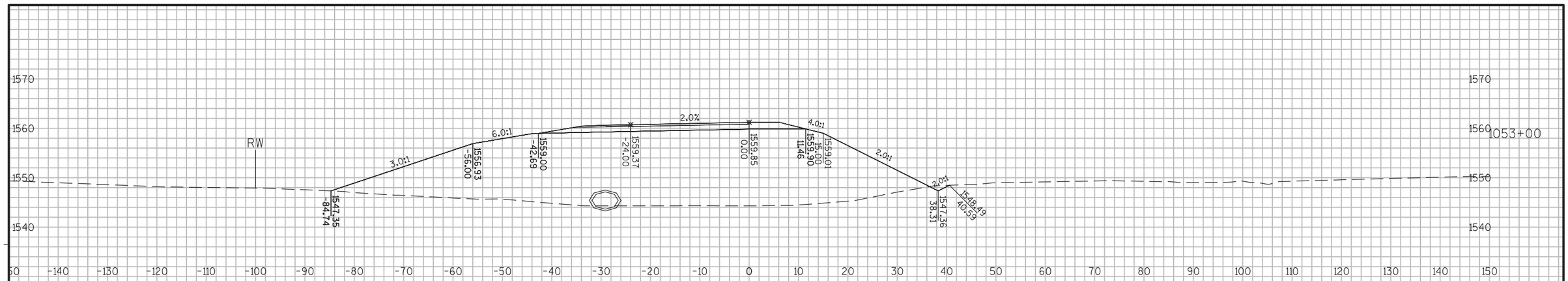
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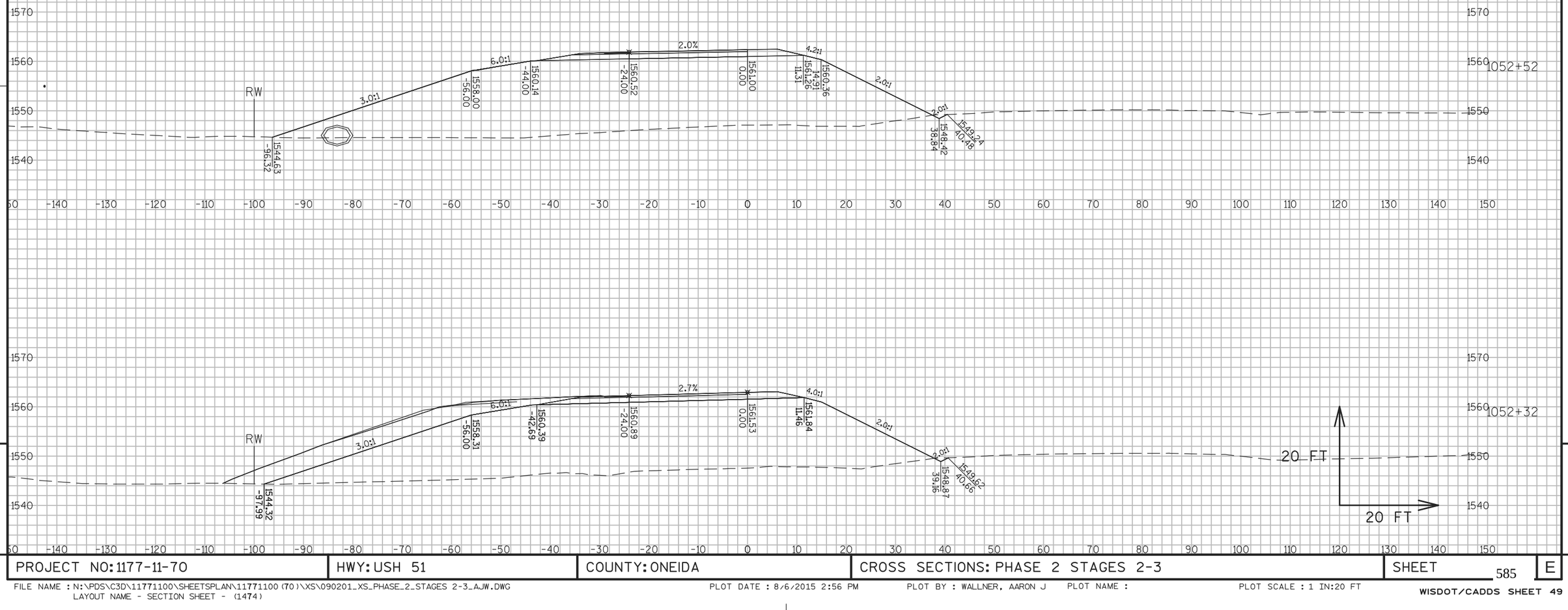
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 584	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1473)

PLOT DATE : 8/6/2015 2:56 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

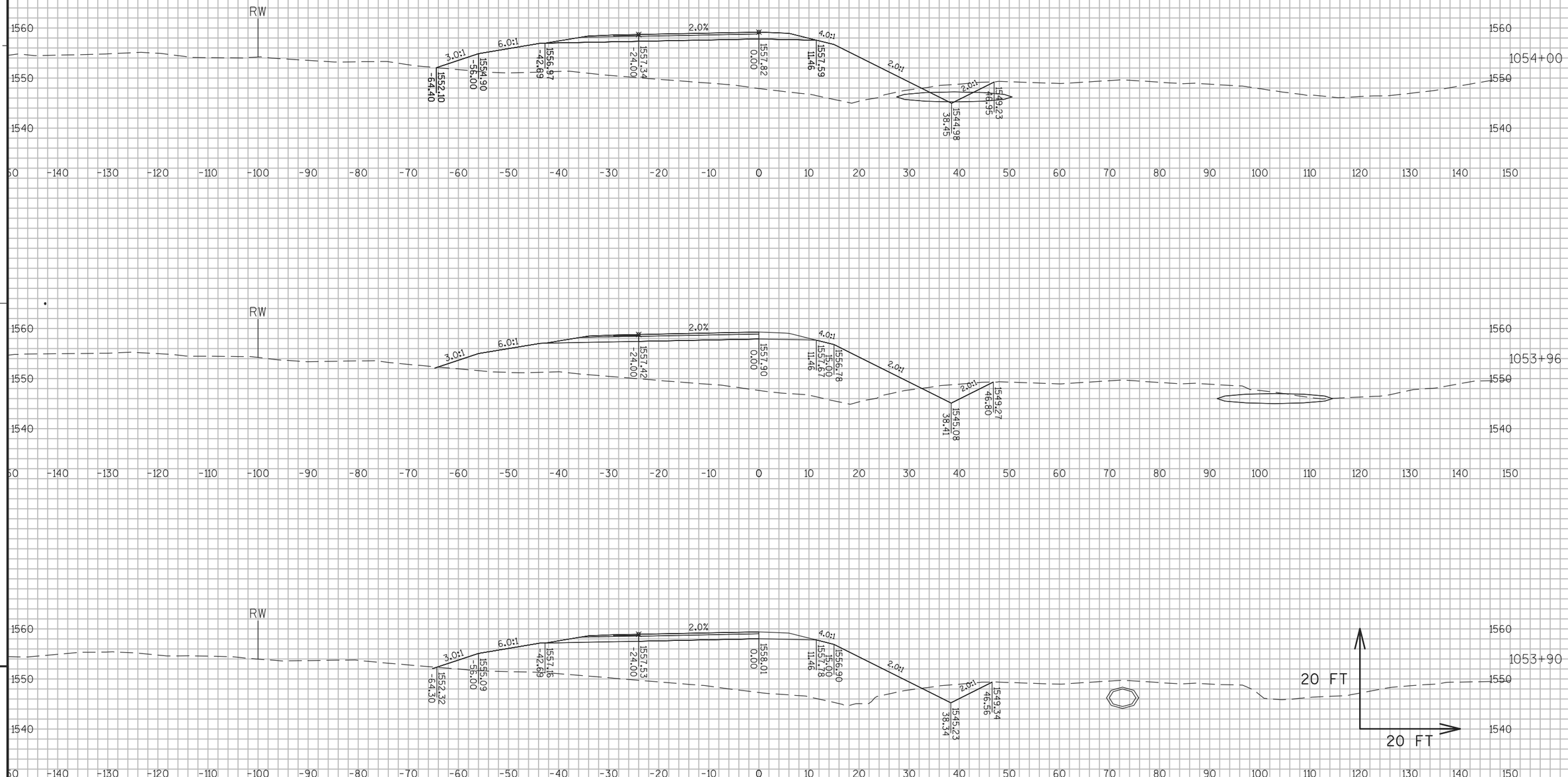
WISDOT/CADDS SHEET 49





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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 585	E

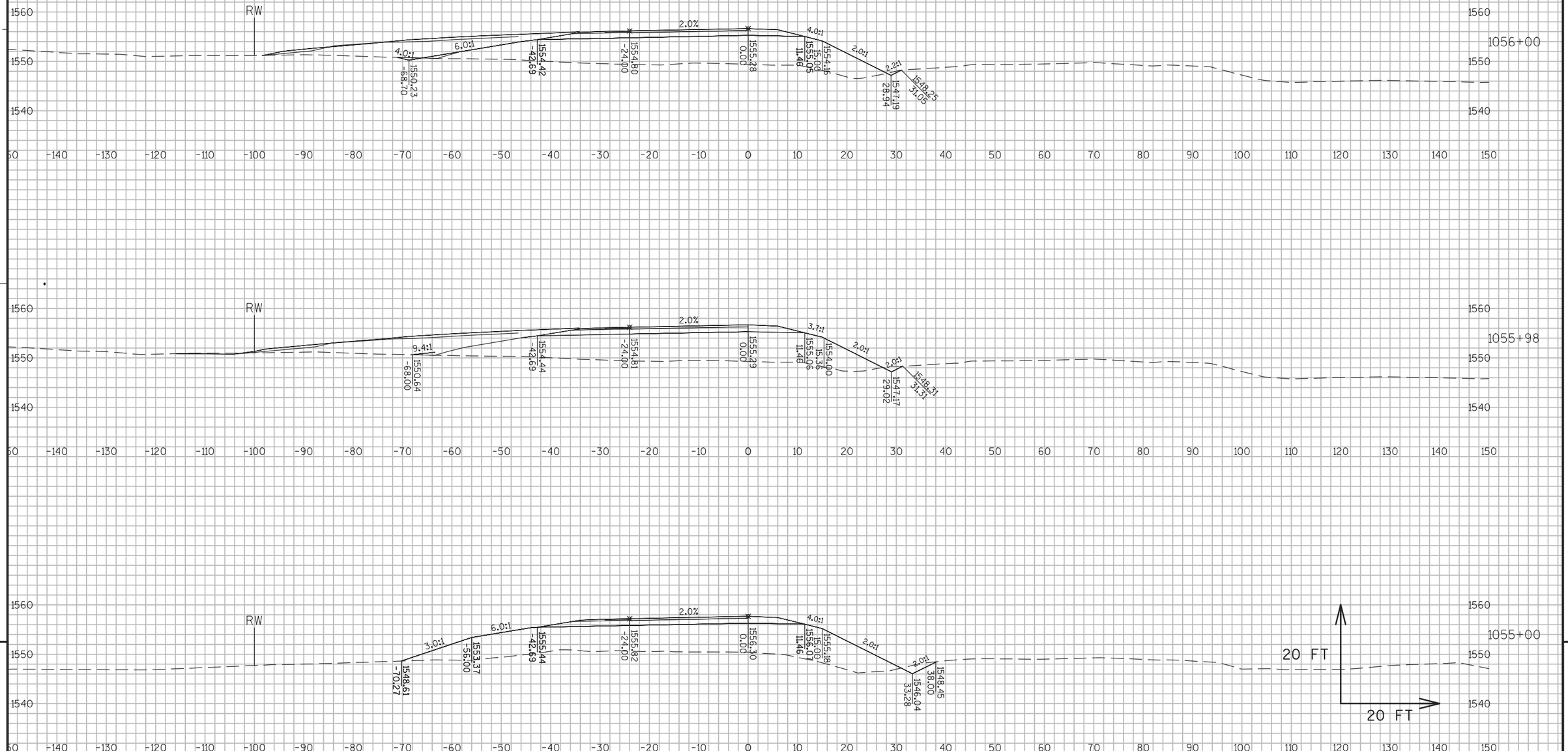


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 586	E

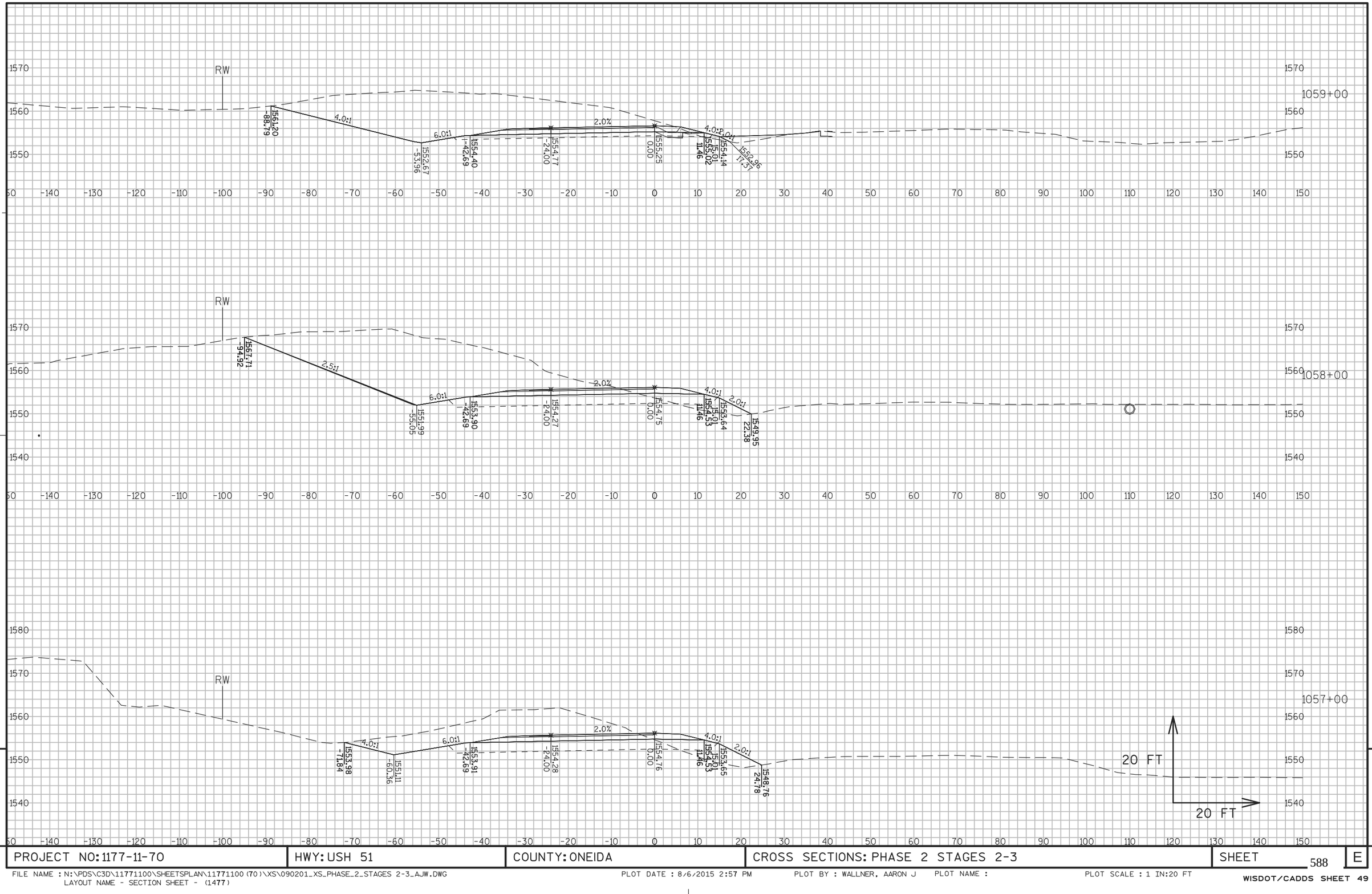
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LAYOUT NAME - SECTION SHEET - (1475)

PLOT DATE : 8/6/2015 2:56 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 587	E

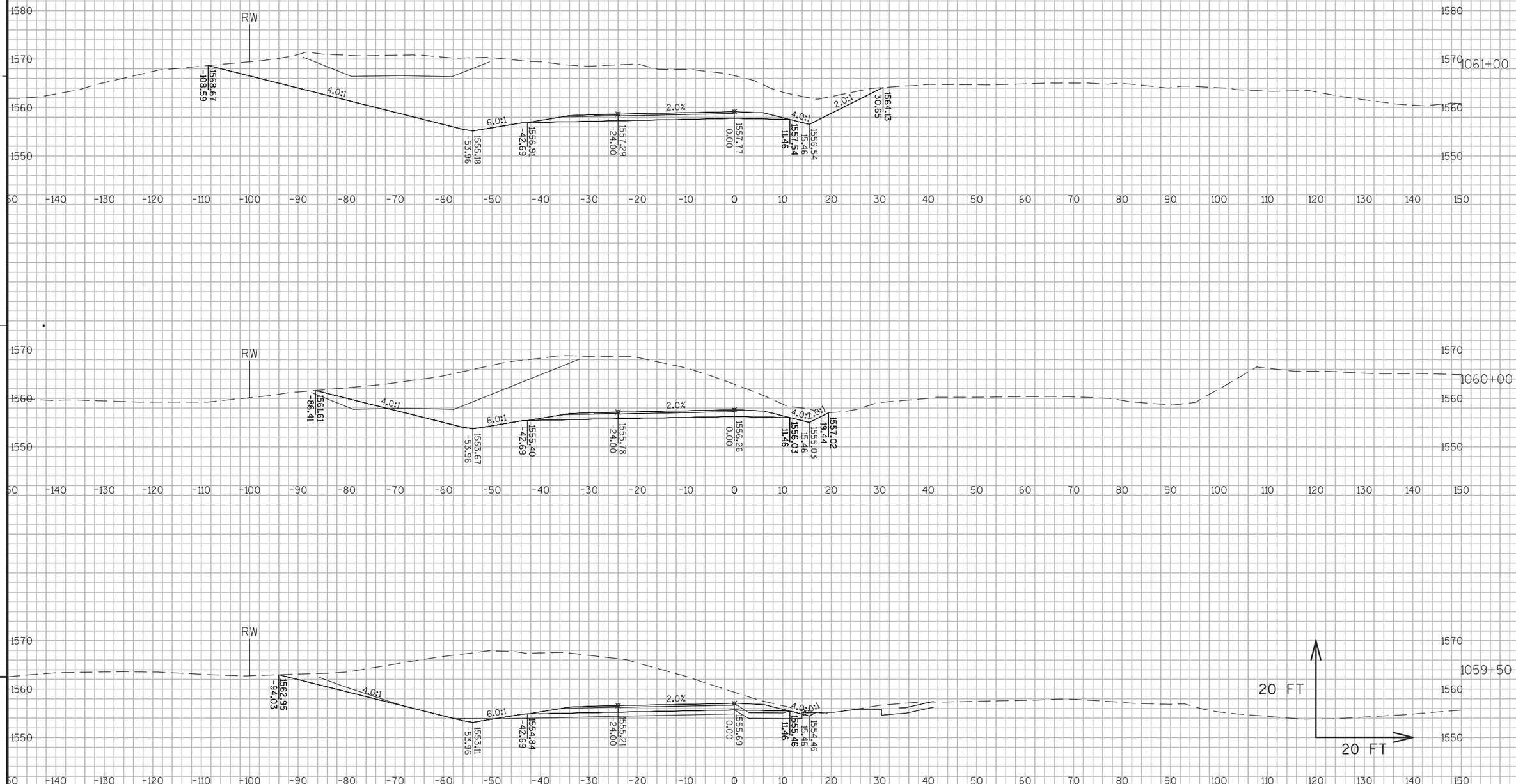


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 588	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1477)
PLOT DATE : 8/6/2015 2:57 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

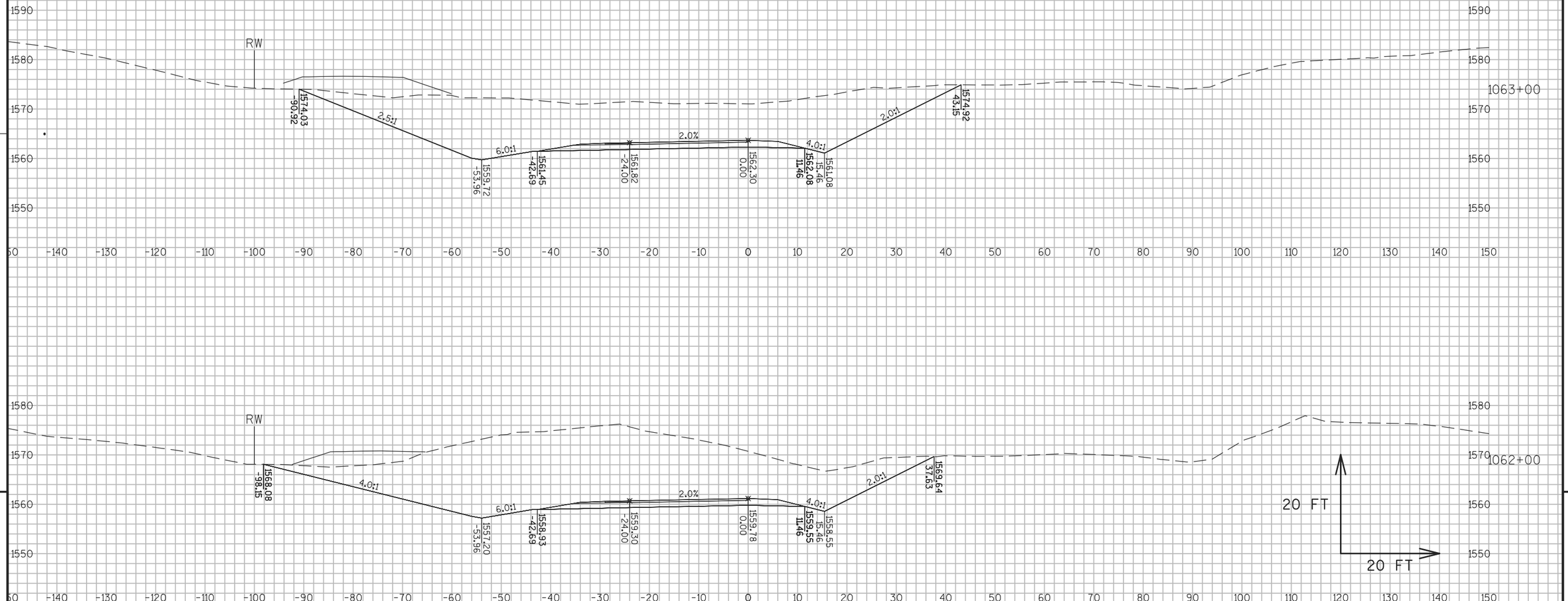


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 589	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1478)

PLOT DATE : 8/6/2015 2:57 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

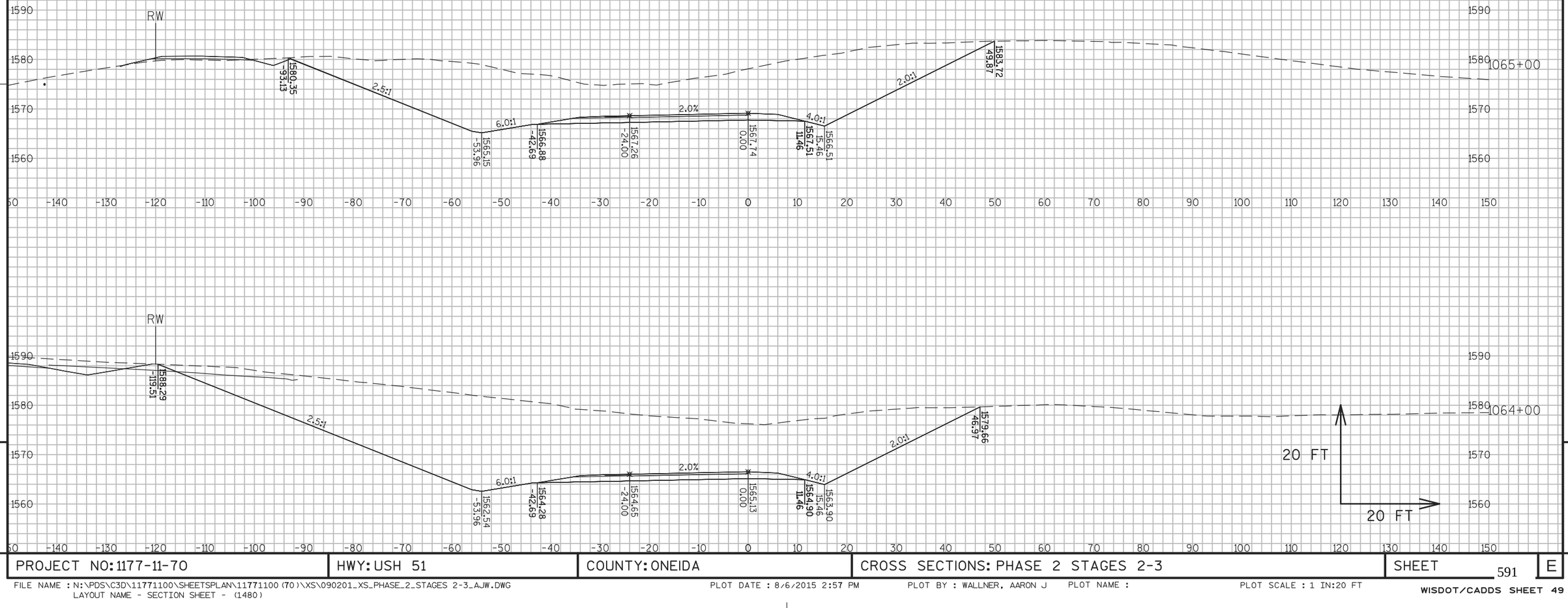
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 590	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1479)

PLOT DATE : 8/6/2015 2:57 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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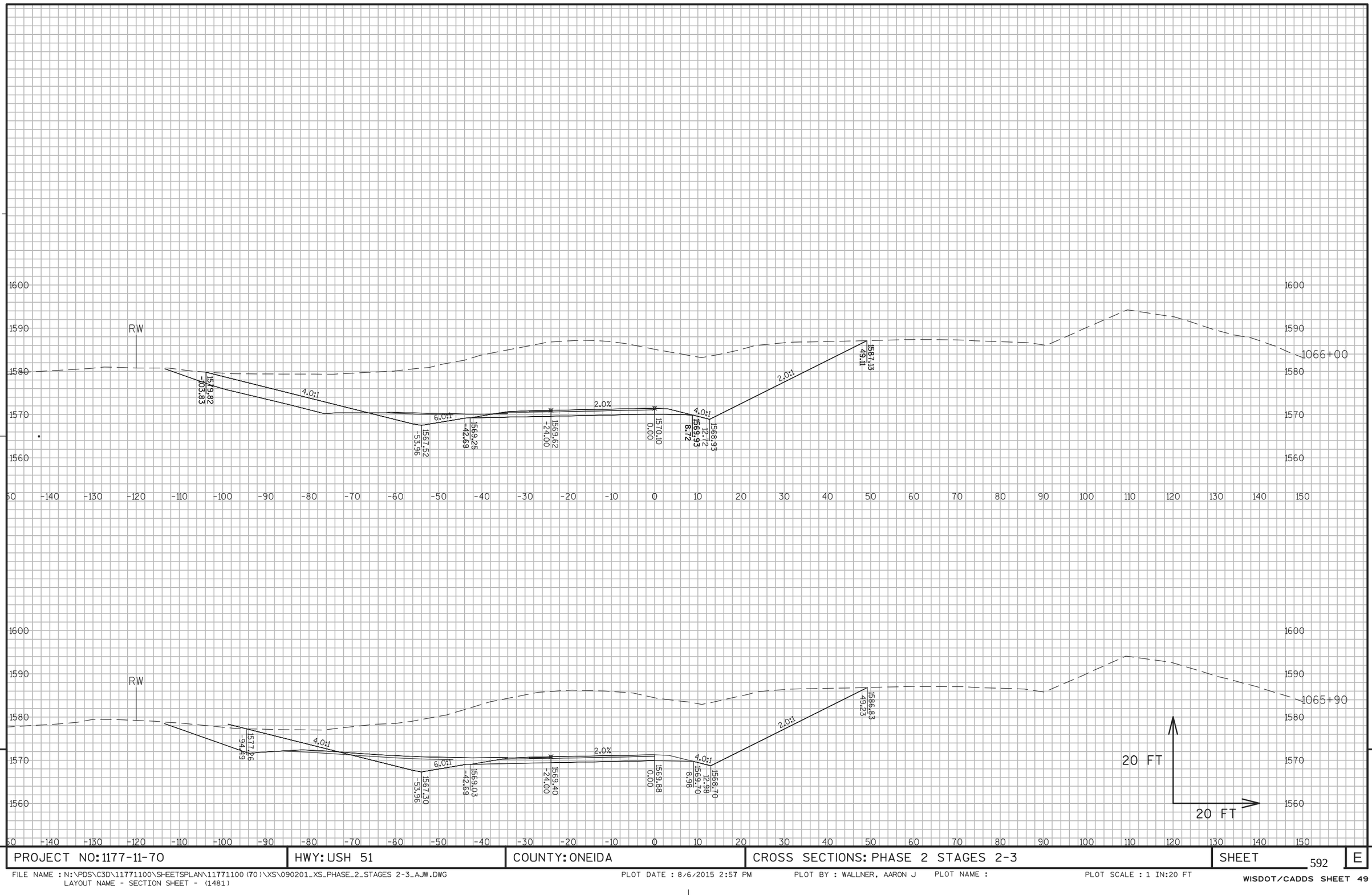
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 591	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1480)

PLOT DATE : 8/6/2015 2:57 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



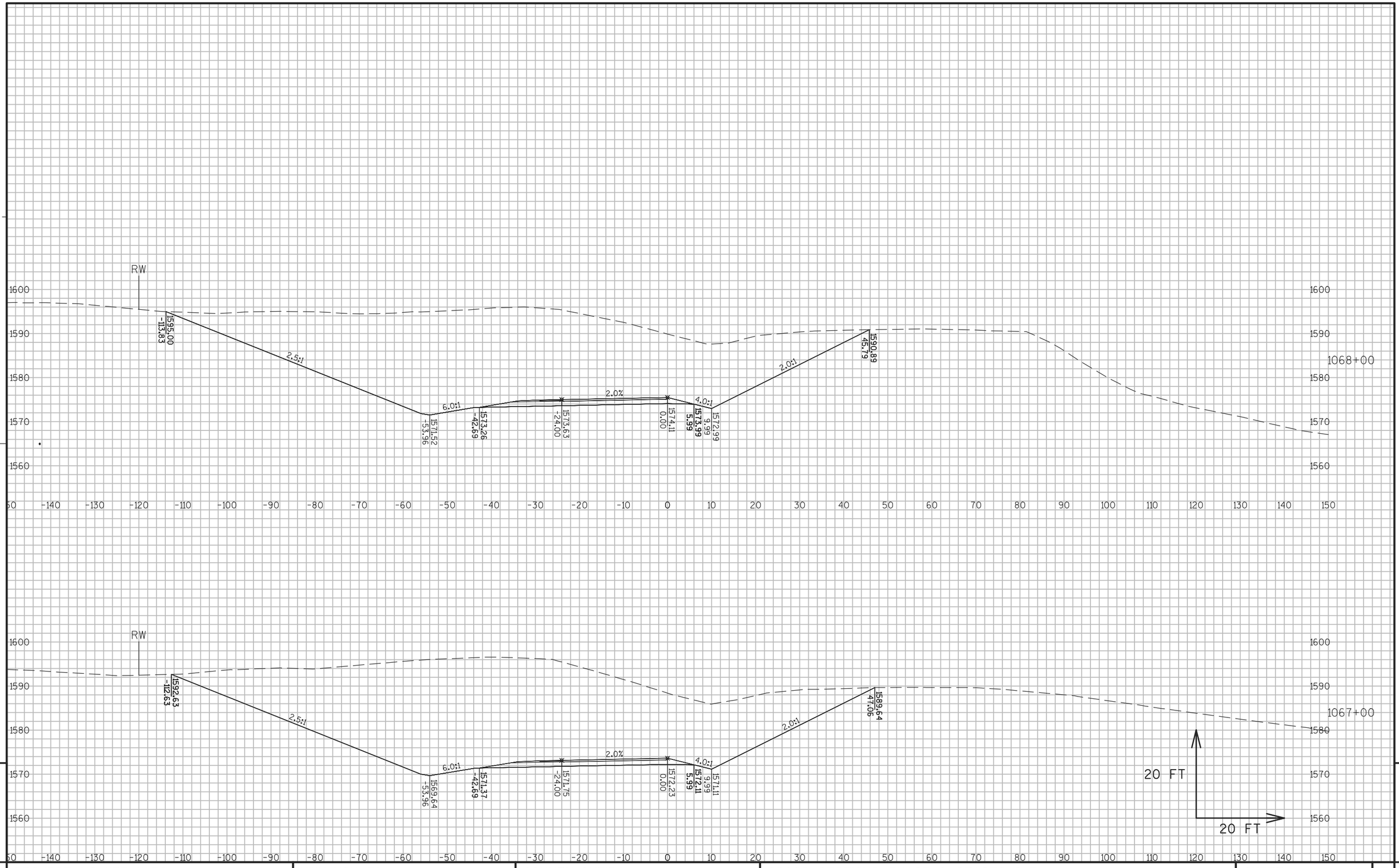
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 592	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1481)

PLOT DATE : 8/6/2015 2:57 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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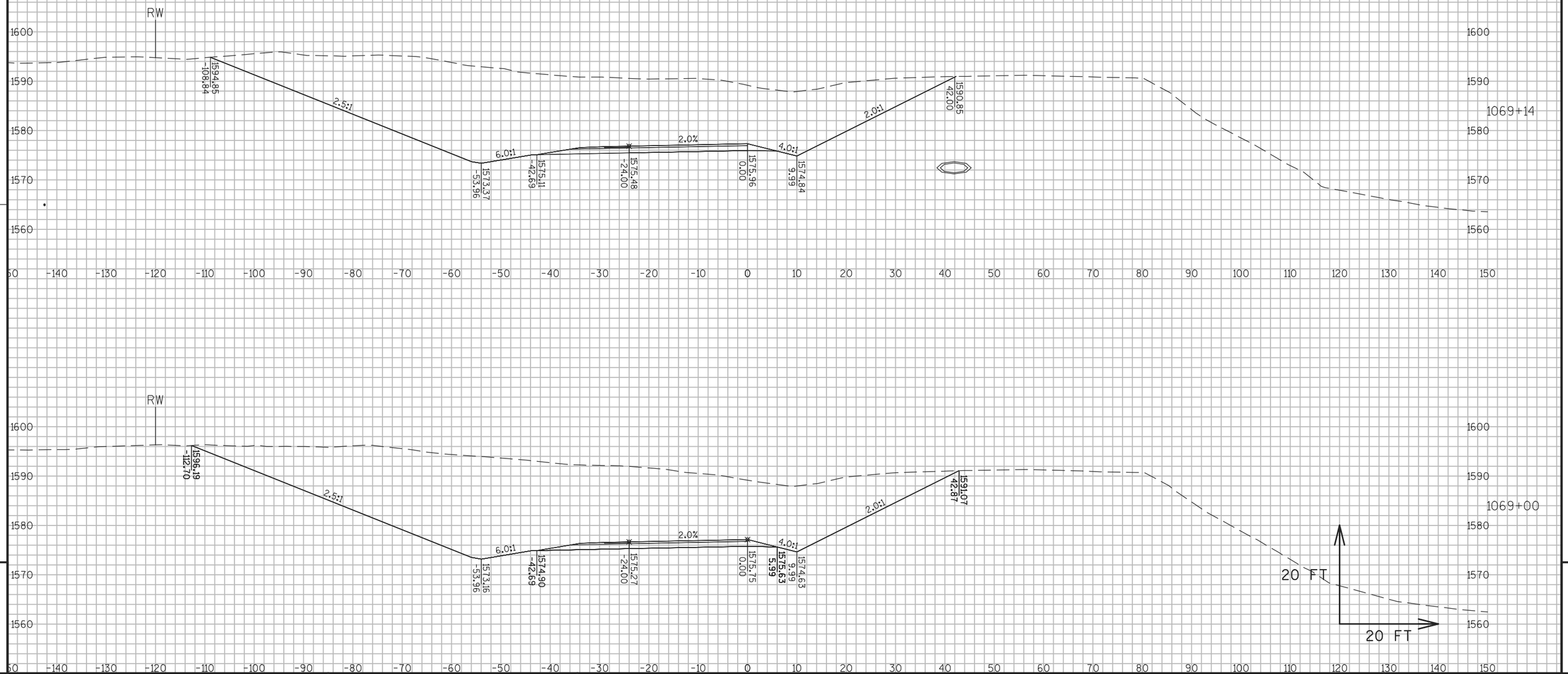
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 593	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1482)

PLOT DATE : 8/6/2015 2:57 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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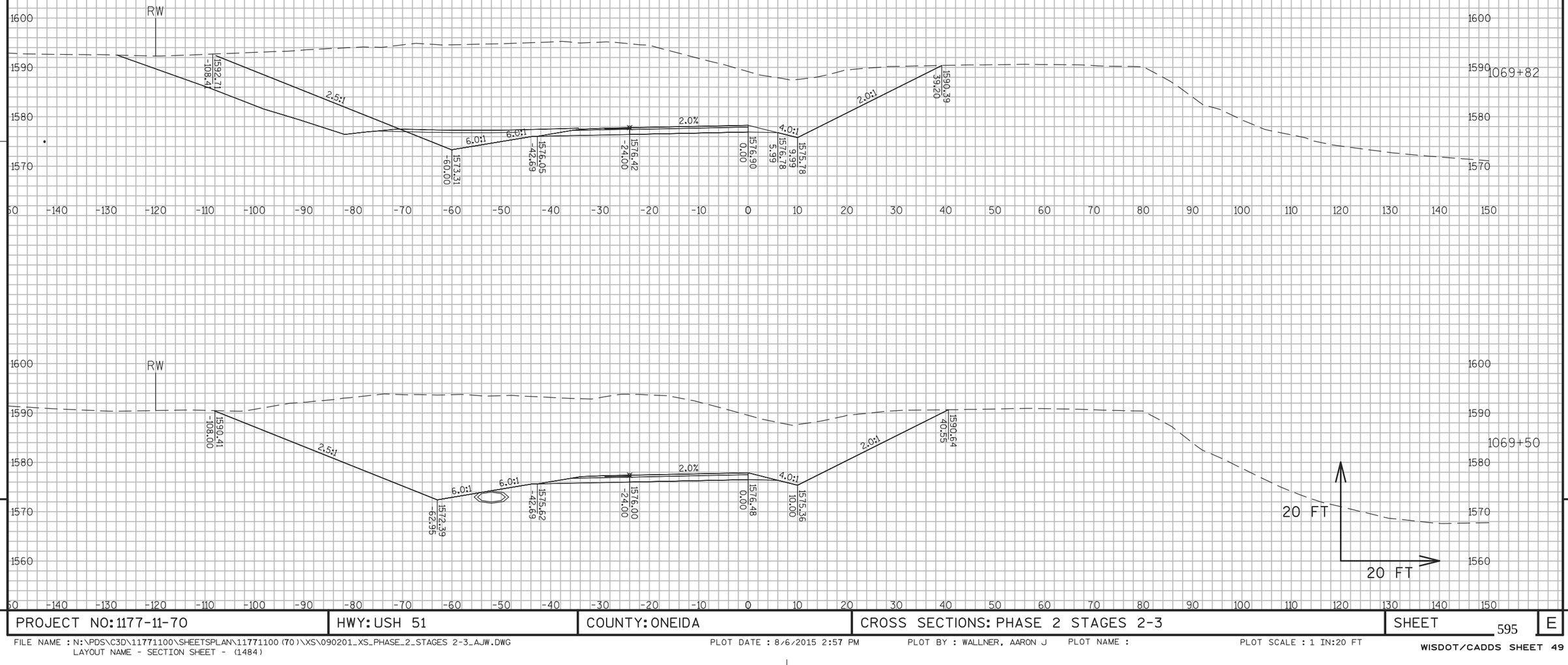
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 594	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1483)

PLOT DATE : 8/6/2015 2:57 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



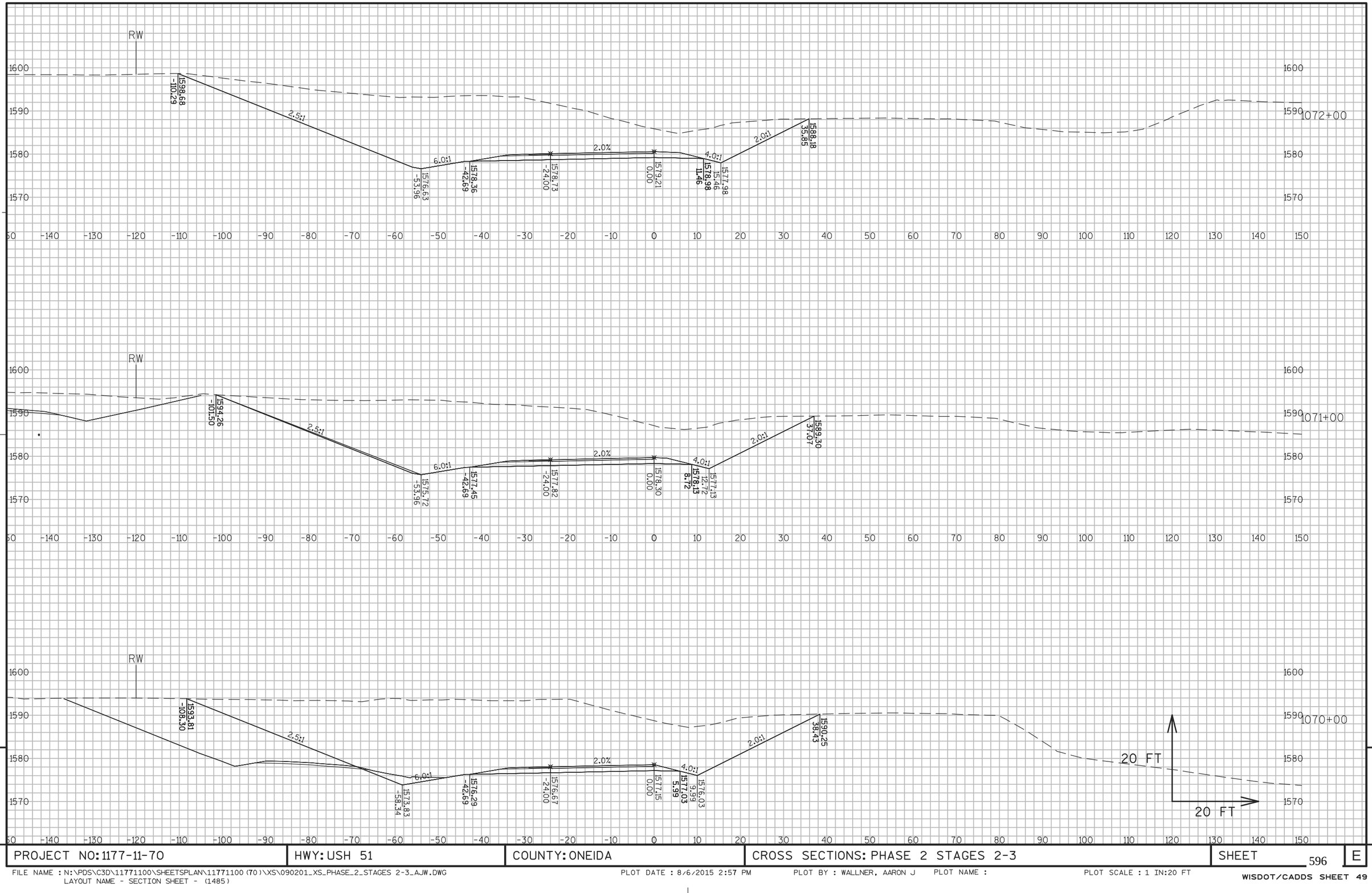
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 595	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1484)

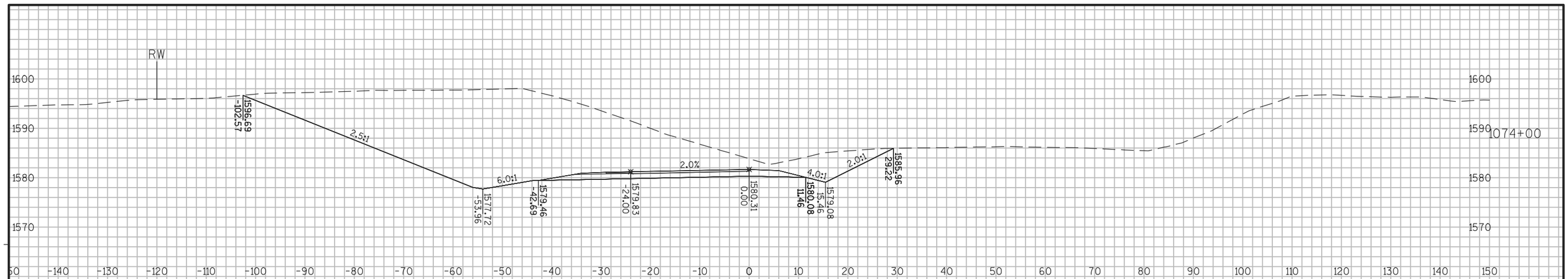
PLOT DATE : 8/6/2015 2:57 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

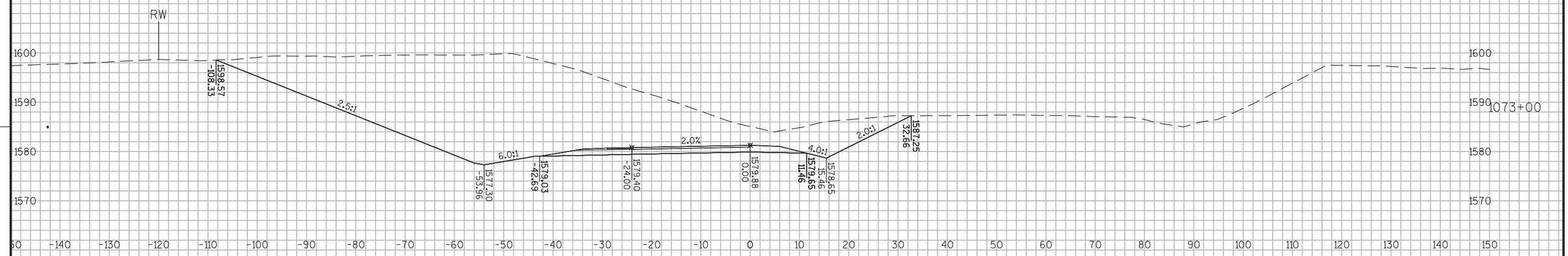
WISDOT/CADDS SHEET 49

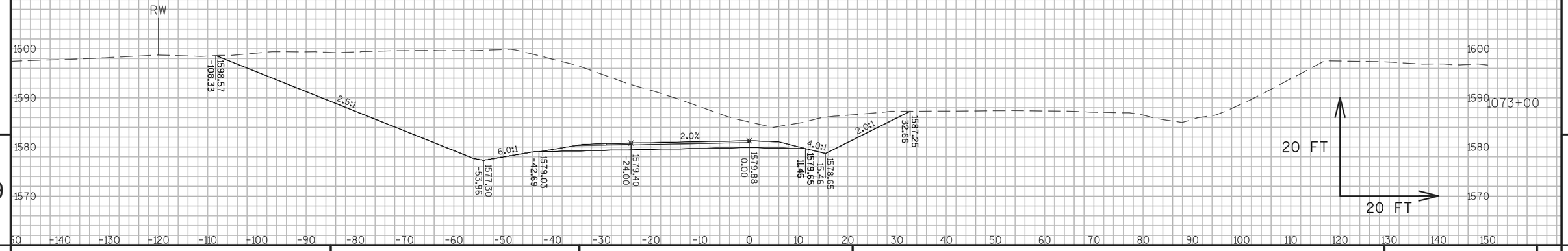


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 596	E







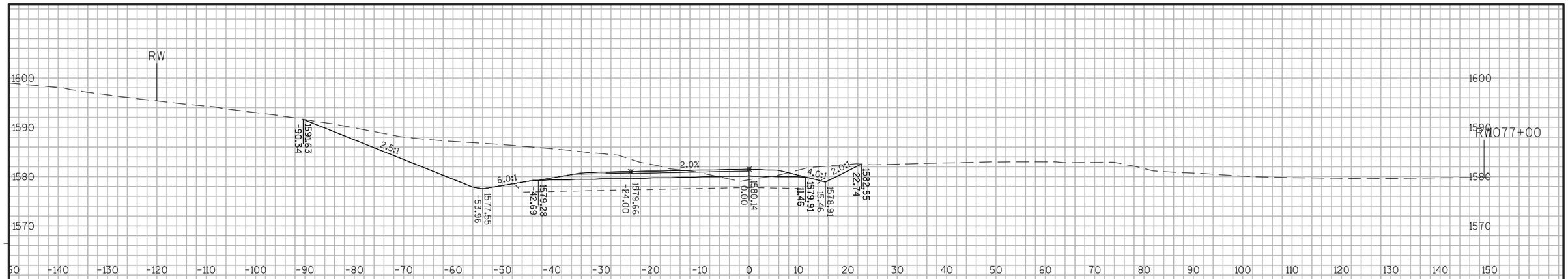
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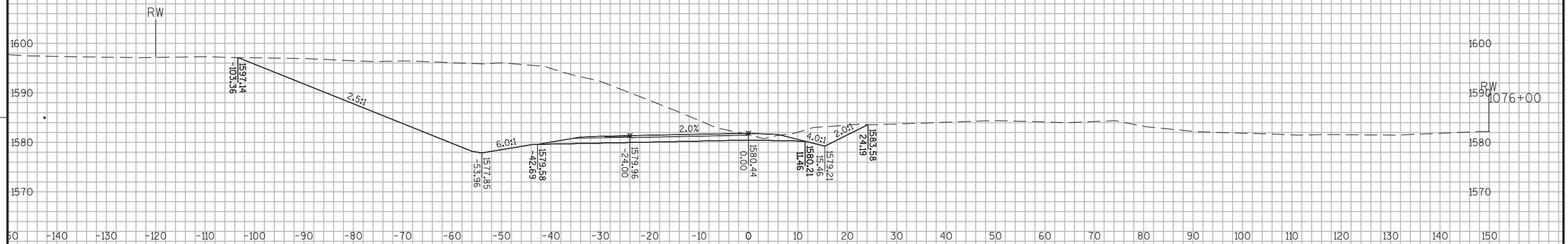
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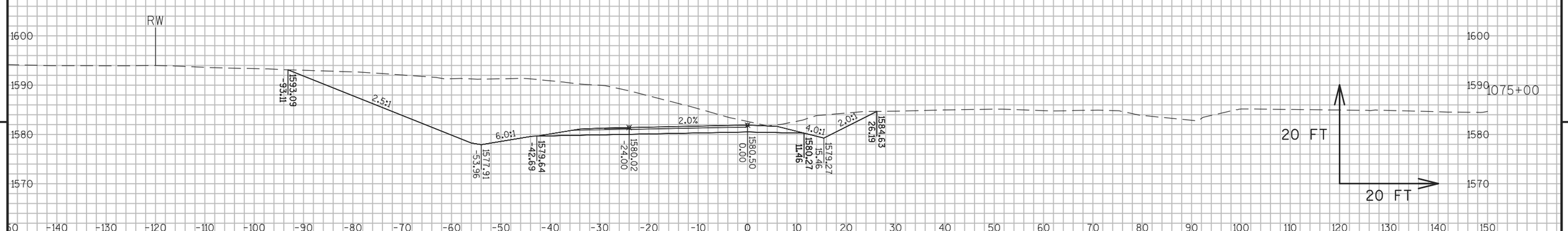
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 597	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1486)

PLOT DATE : 8/6/2015 2:57 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT







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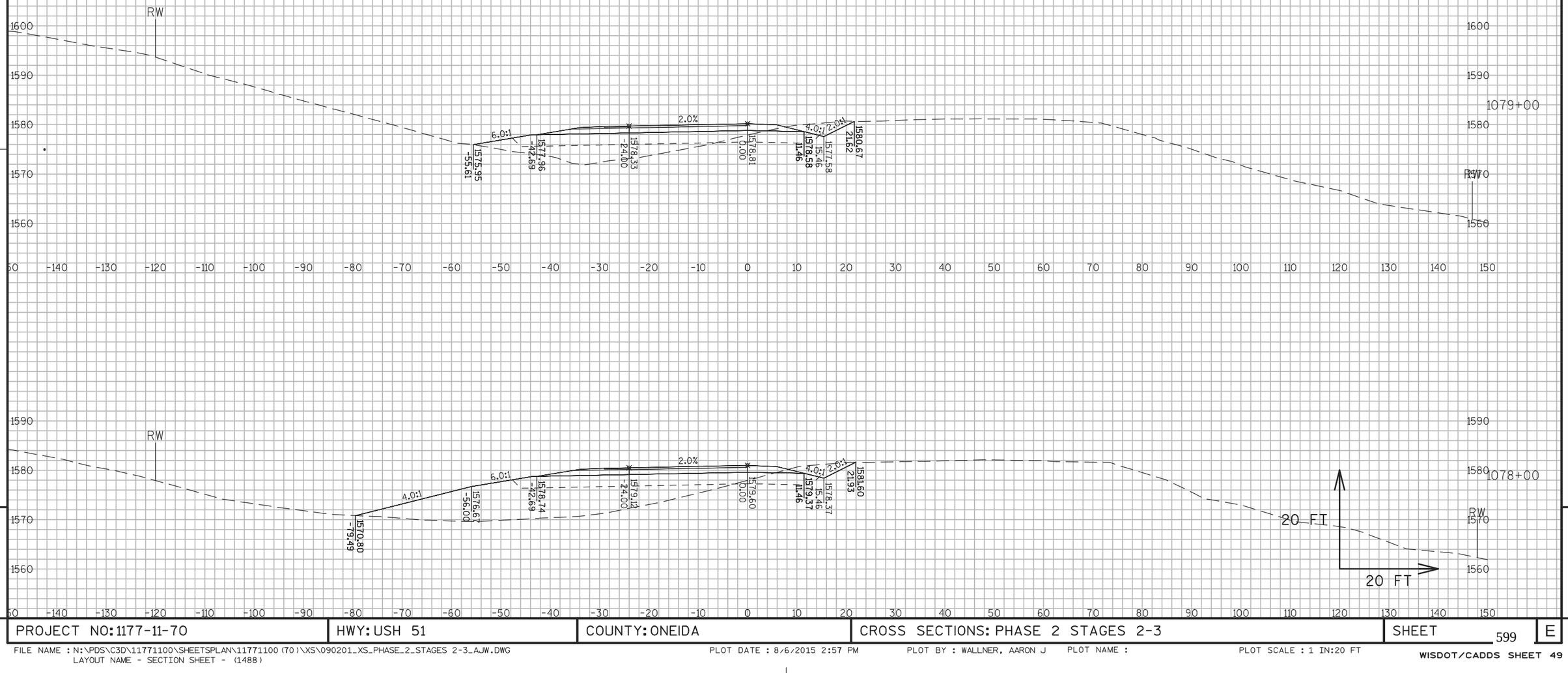
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 598	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100 (70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1487)

PLOT DATE : 8/6/2015 2:57 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



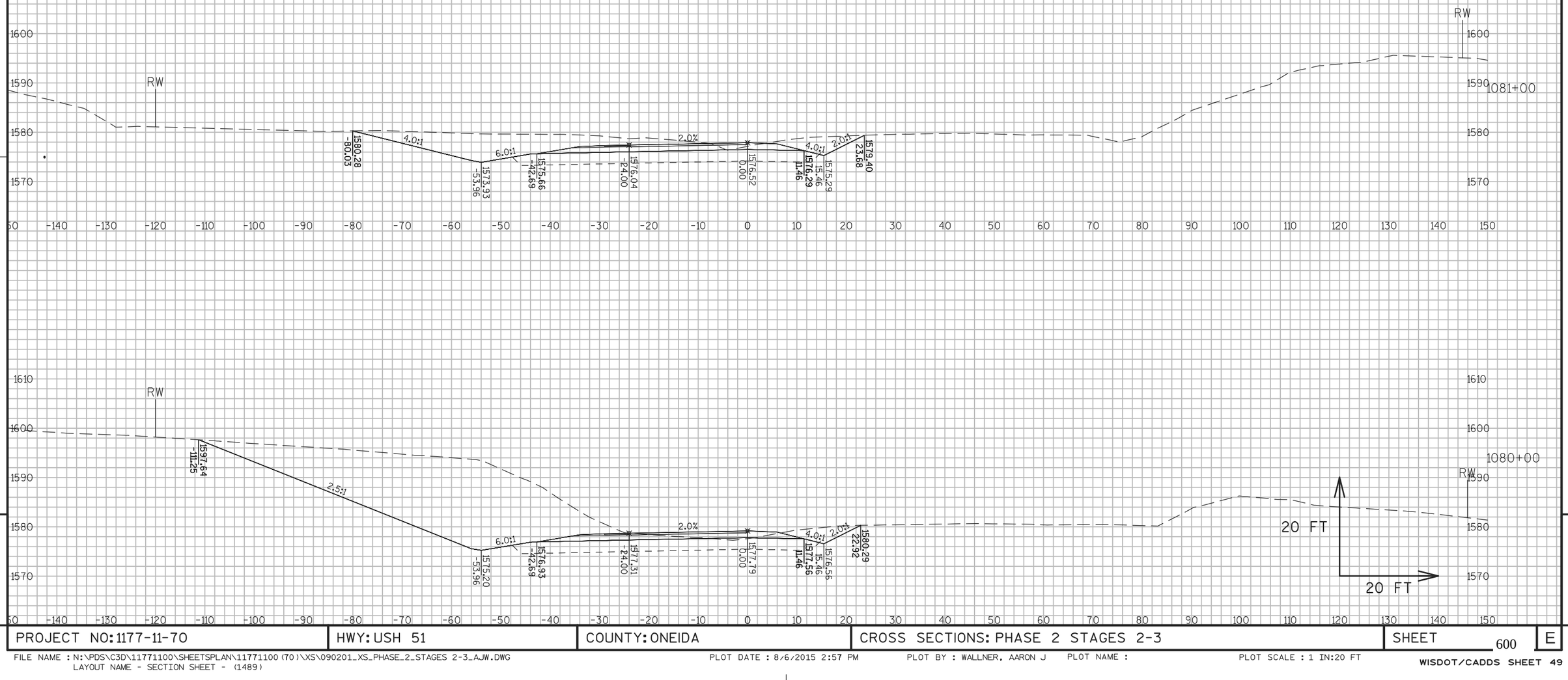
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 599	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1488)

PLOT DATE : 8/6/2015 2:57 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



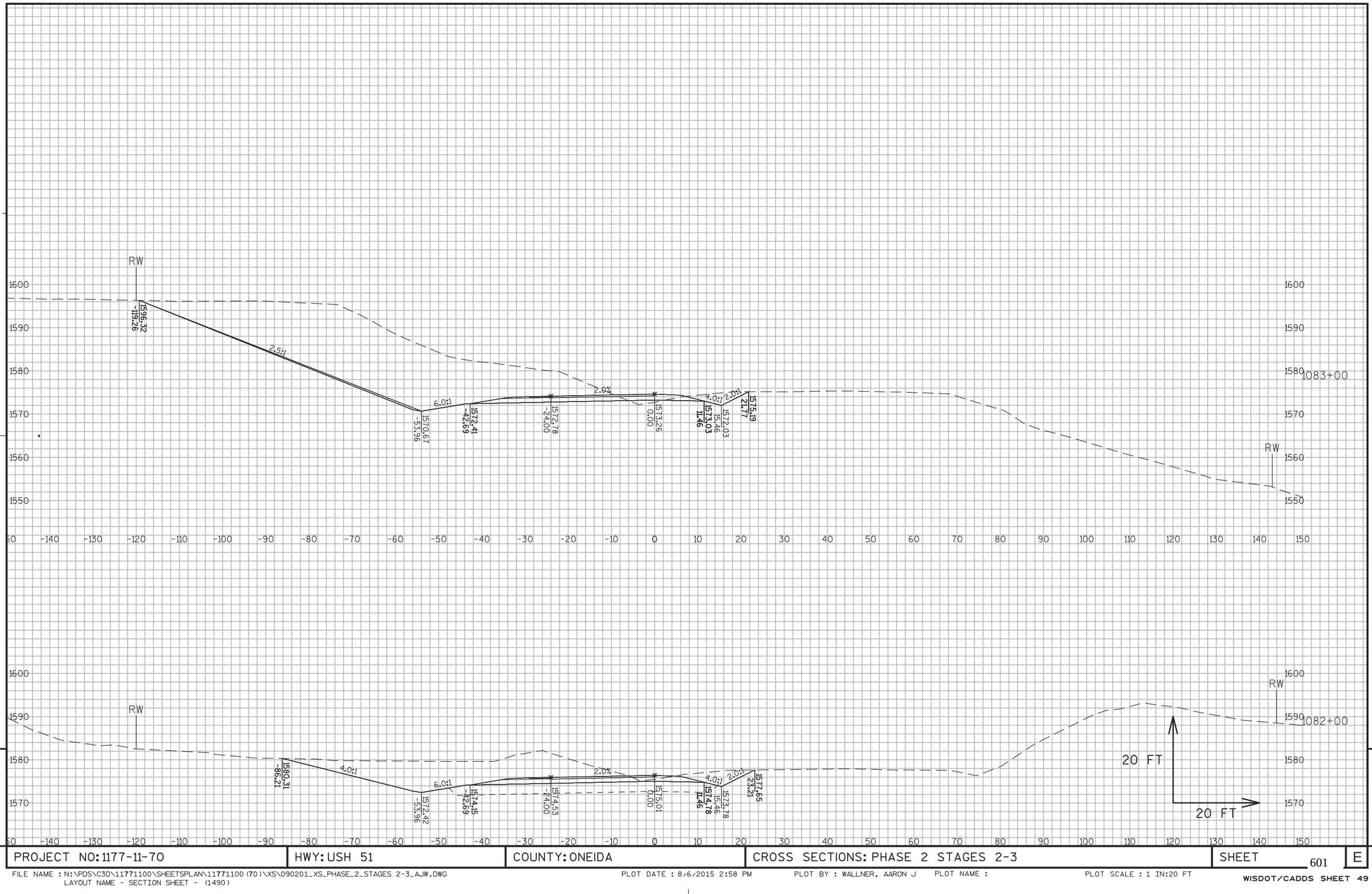
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET	E

9

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1489)

PLOT DATE : 8/6/2015 2:57 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



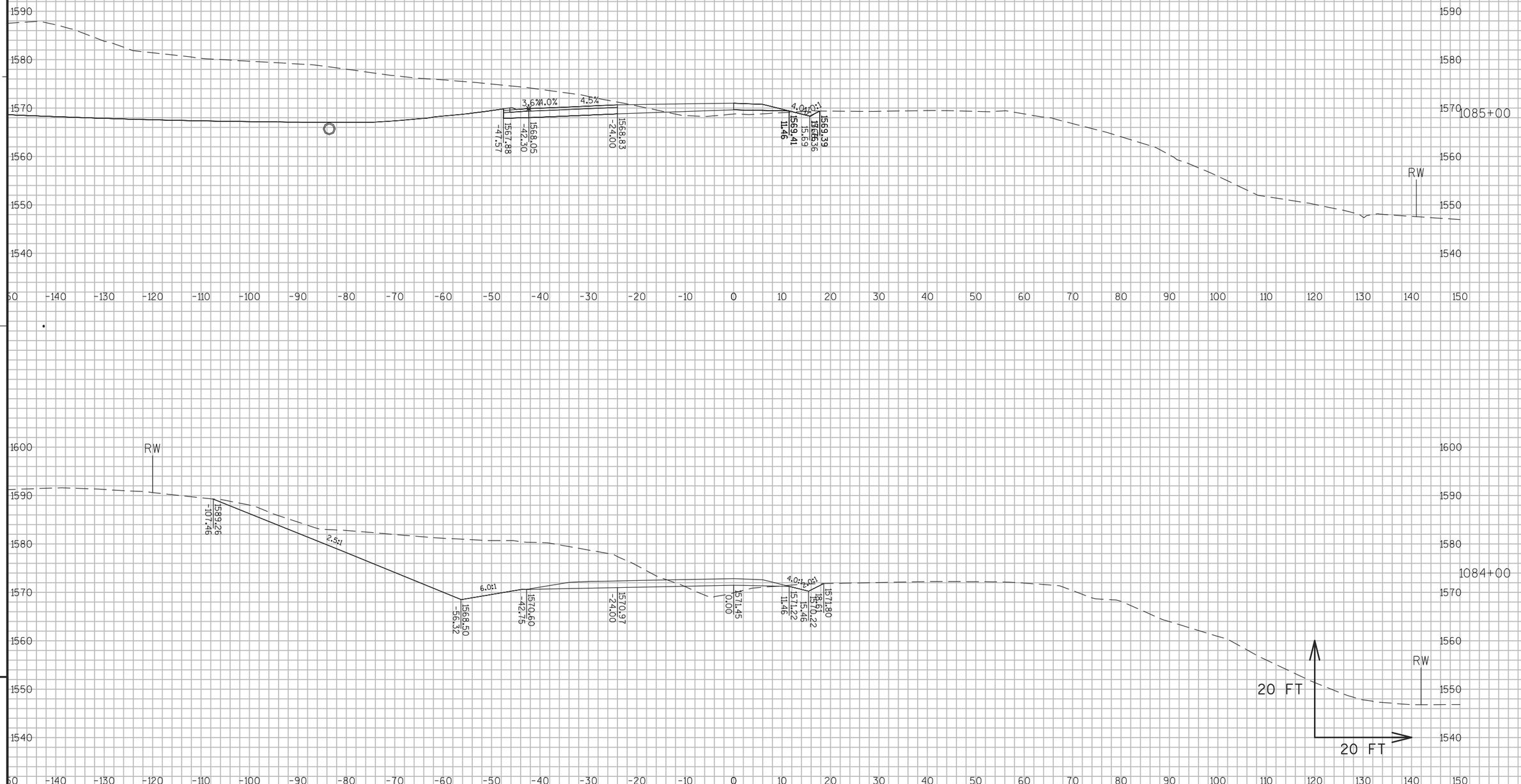
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 601	E

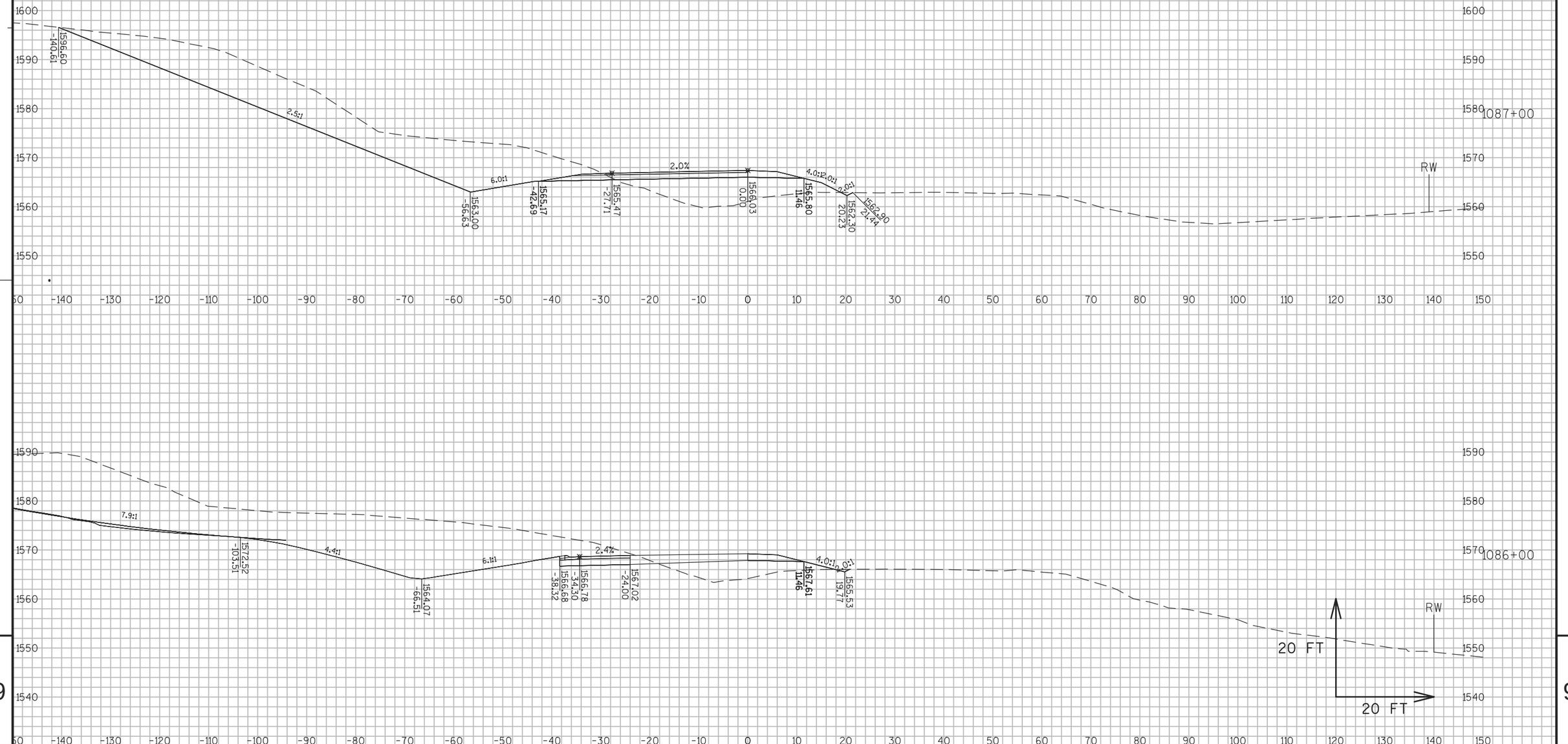
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1490)

PLOT DATE : 8/6/2015 2:58 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 602	E



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9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 603	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1492)

PLOT DATE : 8/6/2015 2:58 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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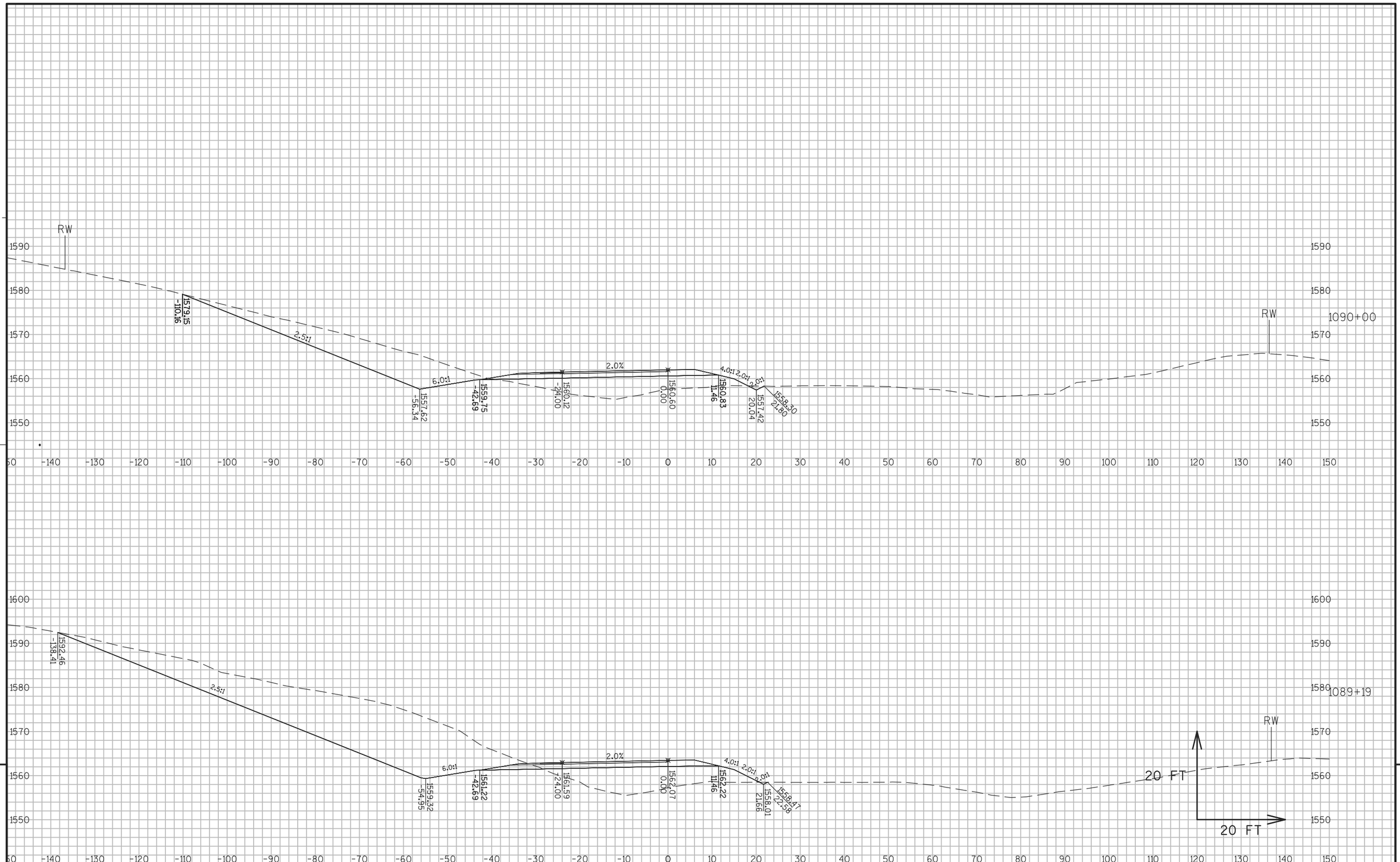
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 604	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1493)

PLOT DATE : 8/6/2015 2:58 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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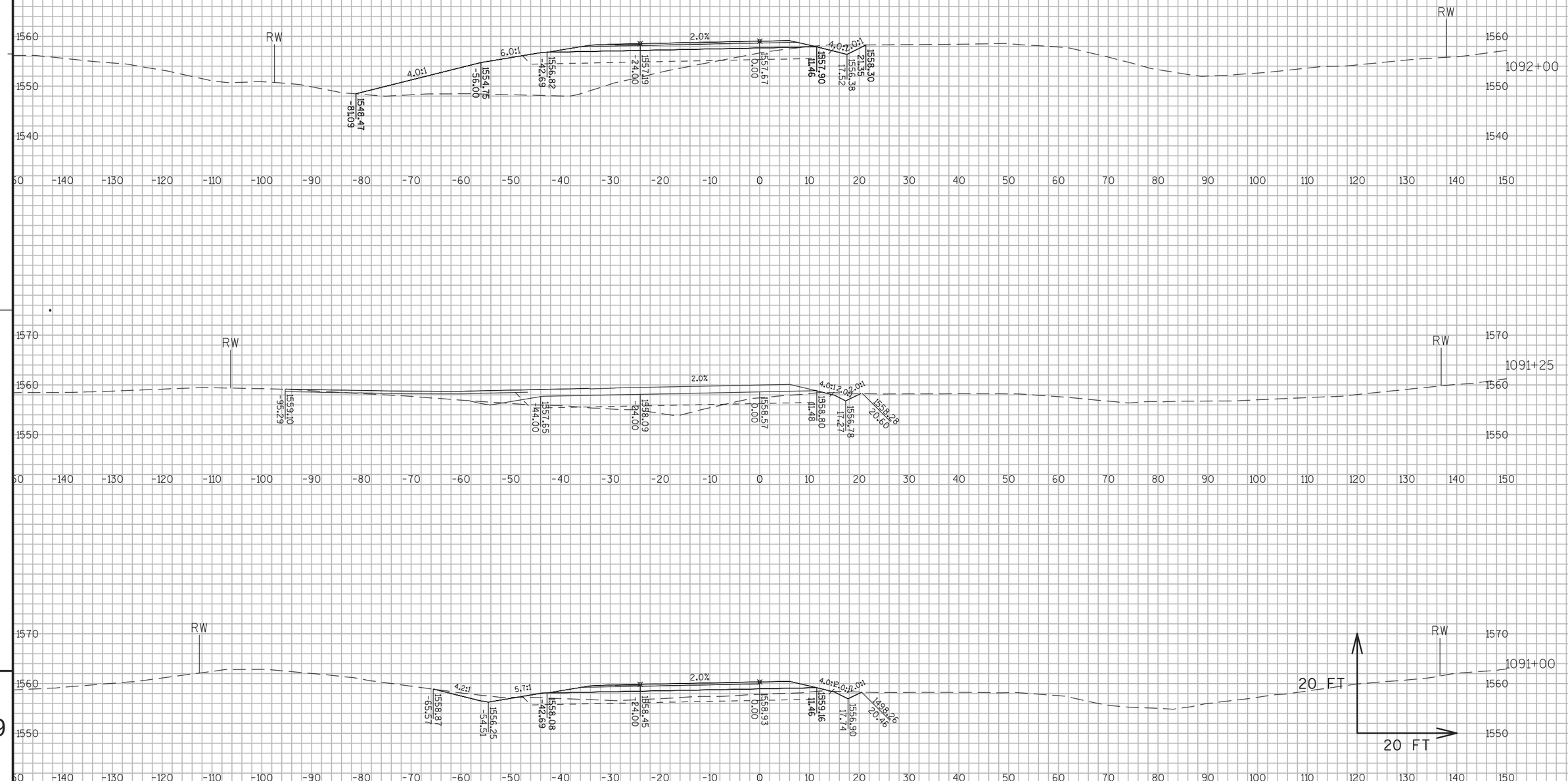
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 605	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1494)

PLOT DATE : 8/6/2015 2:58 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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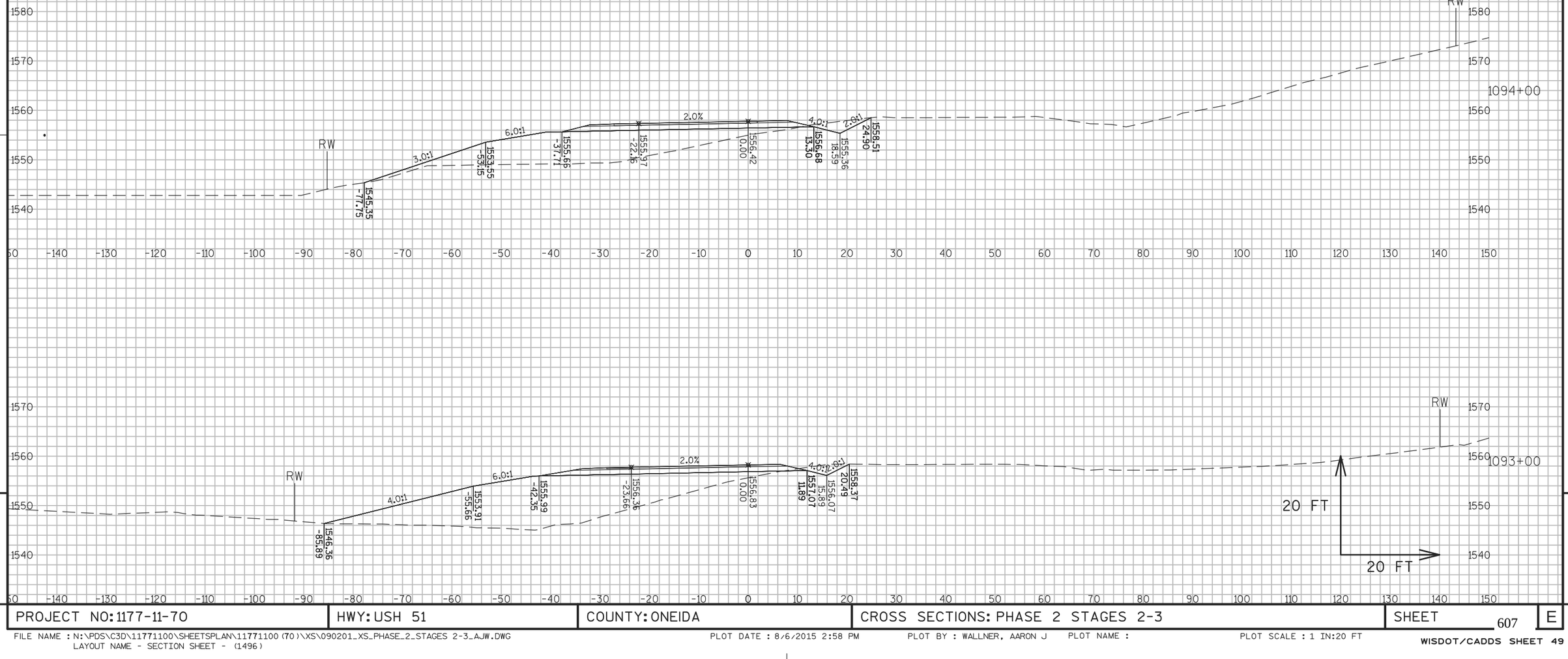
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 606	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1495)

PLOT DATE : 8/6/2015 2:58 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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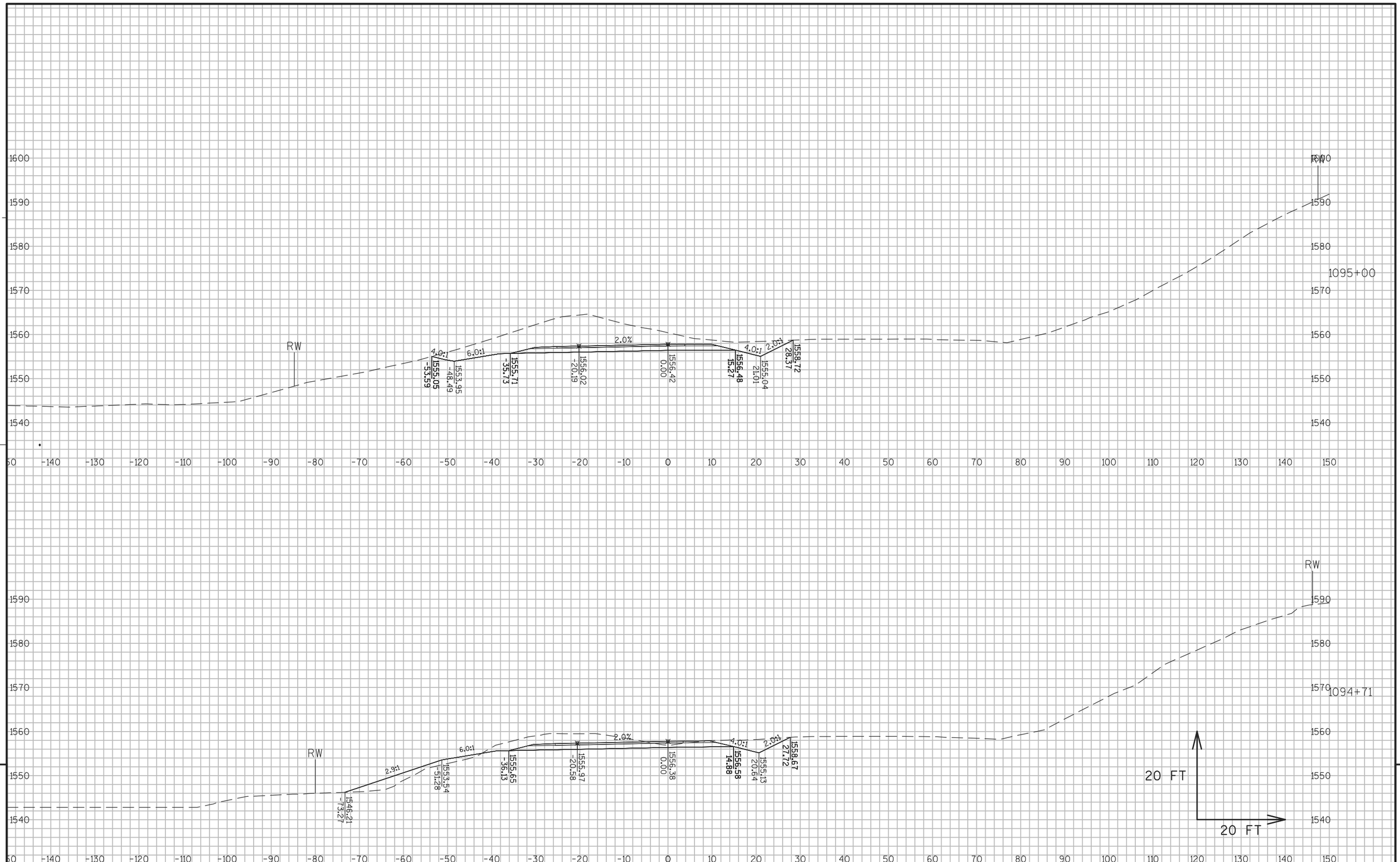
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 607	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1496)

PLOT DATE : 8/6/2015 2:58 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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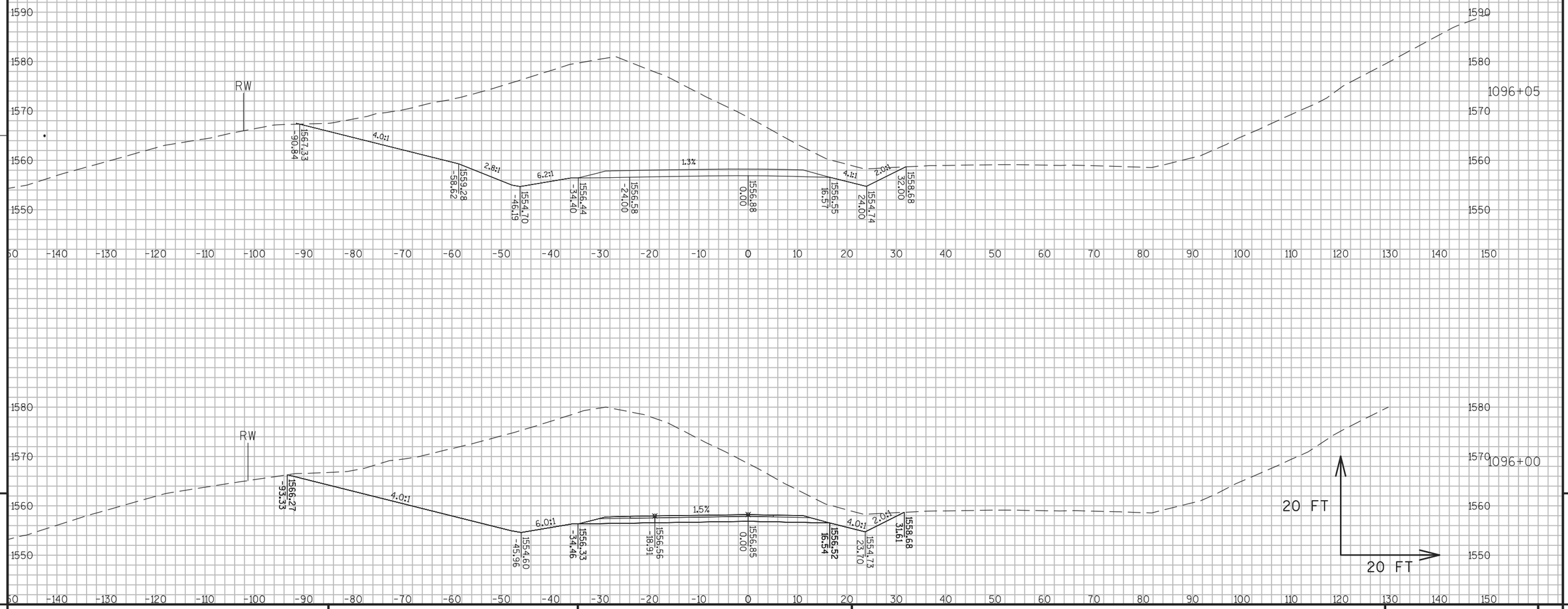
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 608	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1497)

PLOT DATE : 8/6/2015 2:58 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



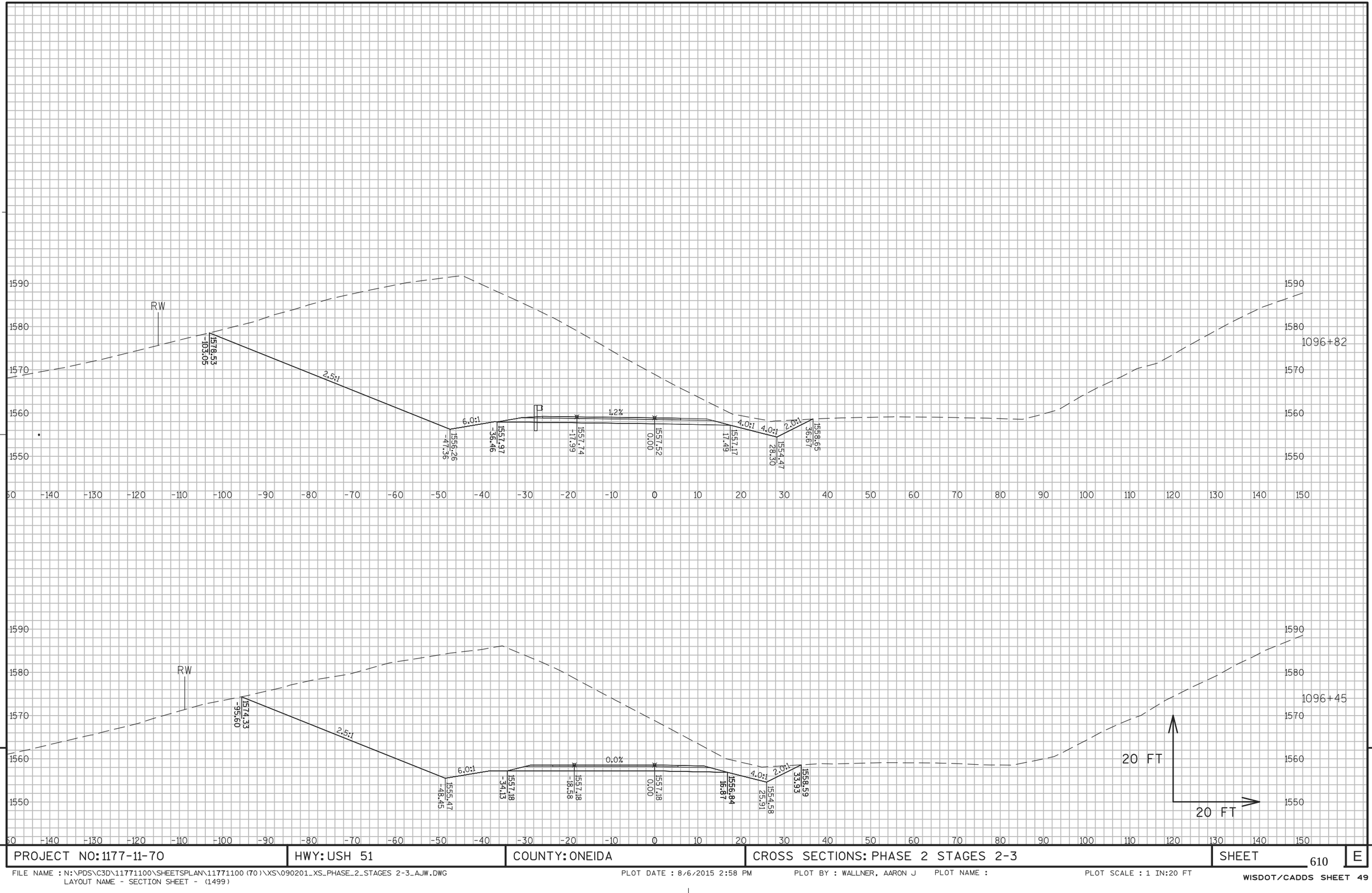
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 609	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1498)

PLOT DATE : 8/6/2015 2:58 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

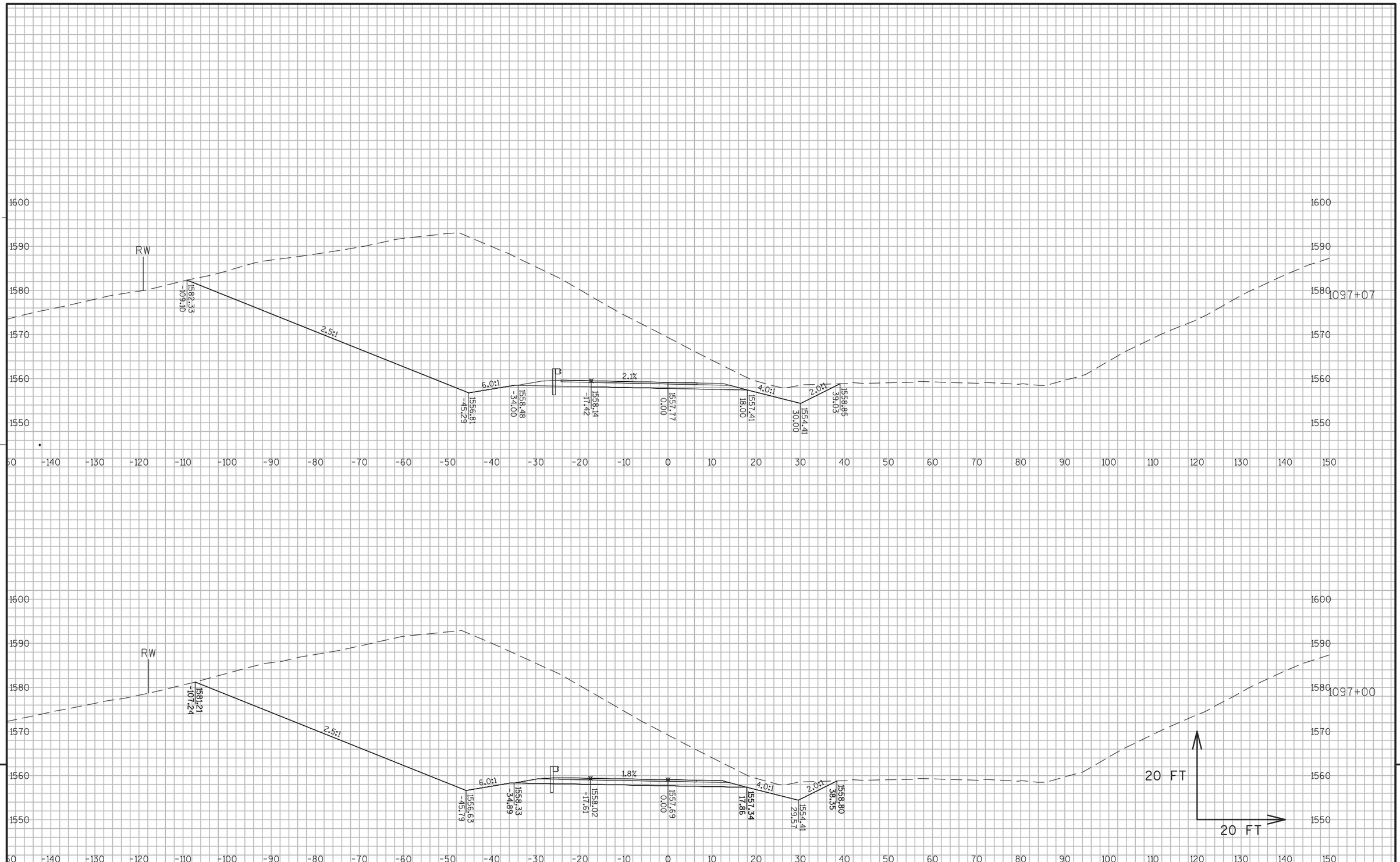


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 610	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1499)
PLOT DATE : 8/6/2015 2:58 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



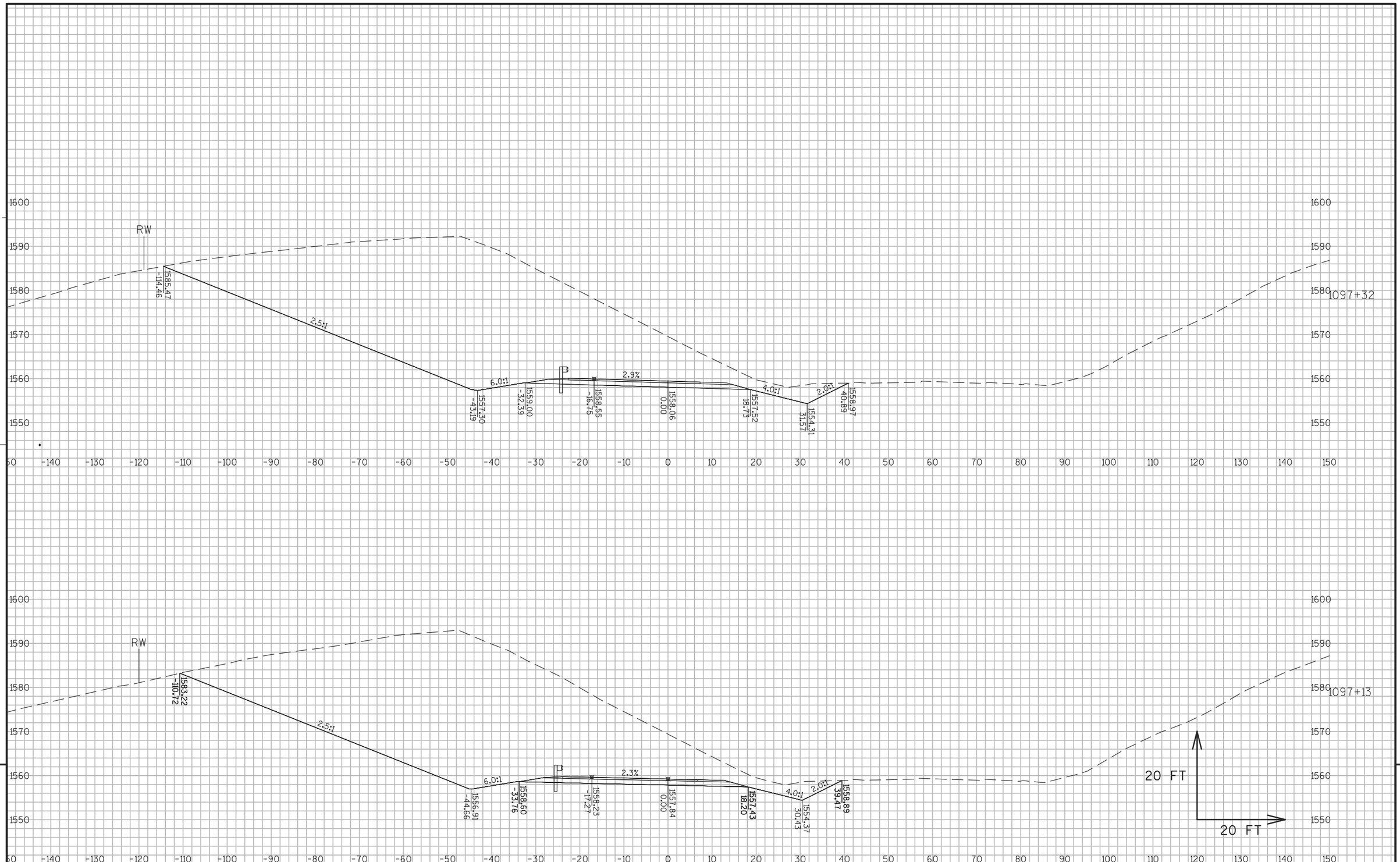
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 611	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1500)

PLOT DATE : 8/6/2015 2:58 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



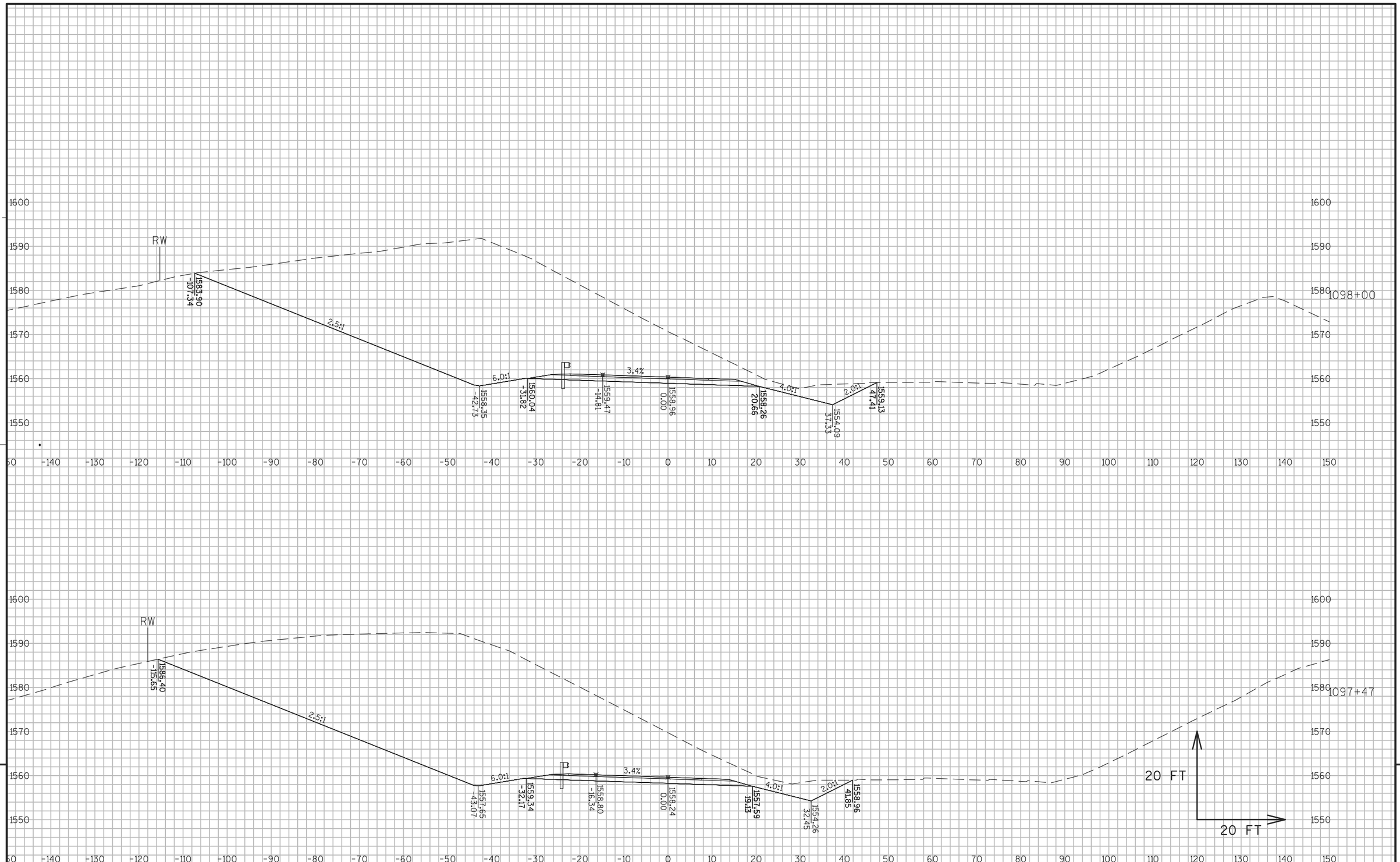
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 612	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1501)

PLOT DATE : 8/6/2015 2:58 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

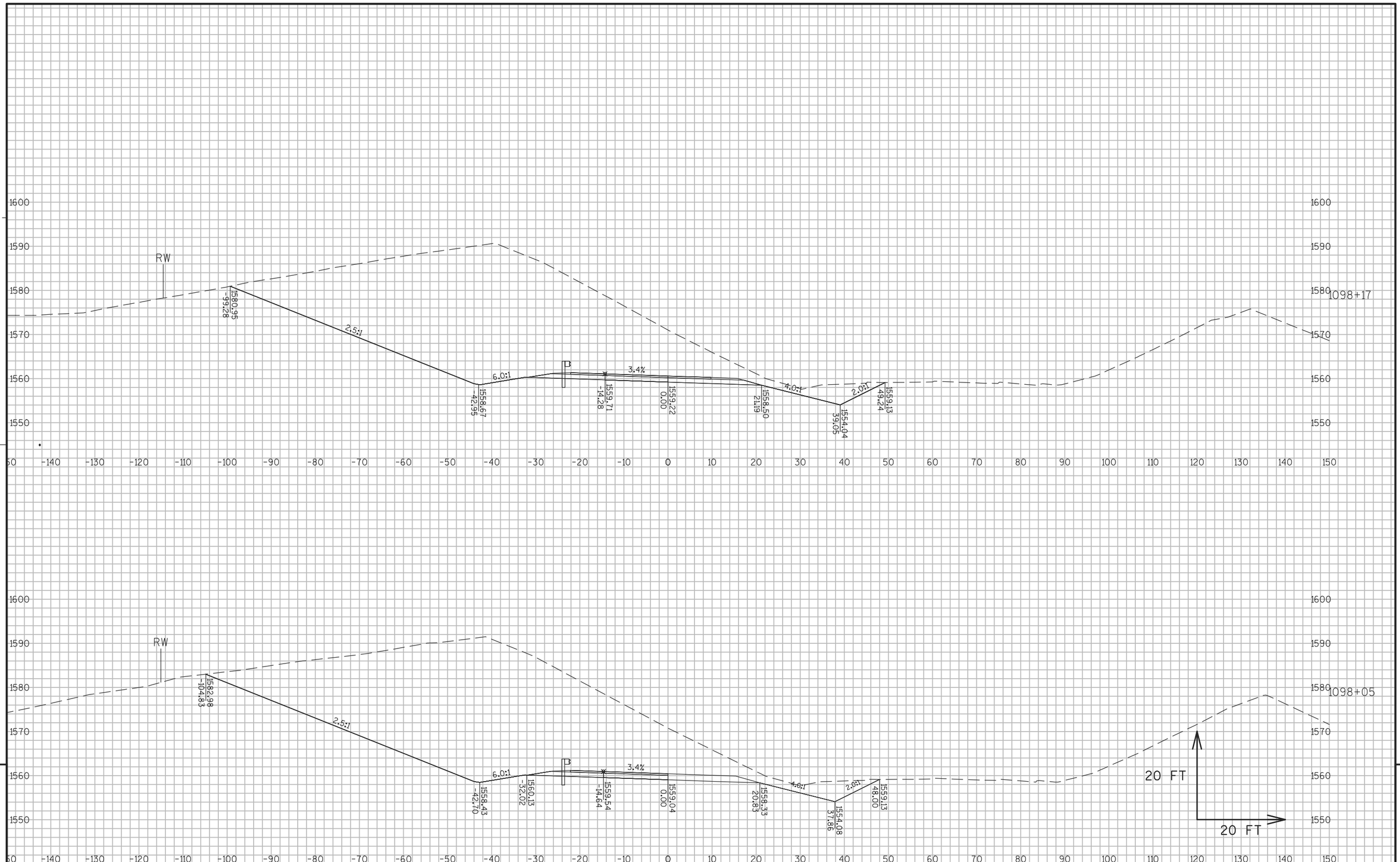


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 613	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1502)

PLOT DATE : 8/6/2015 2:58 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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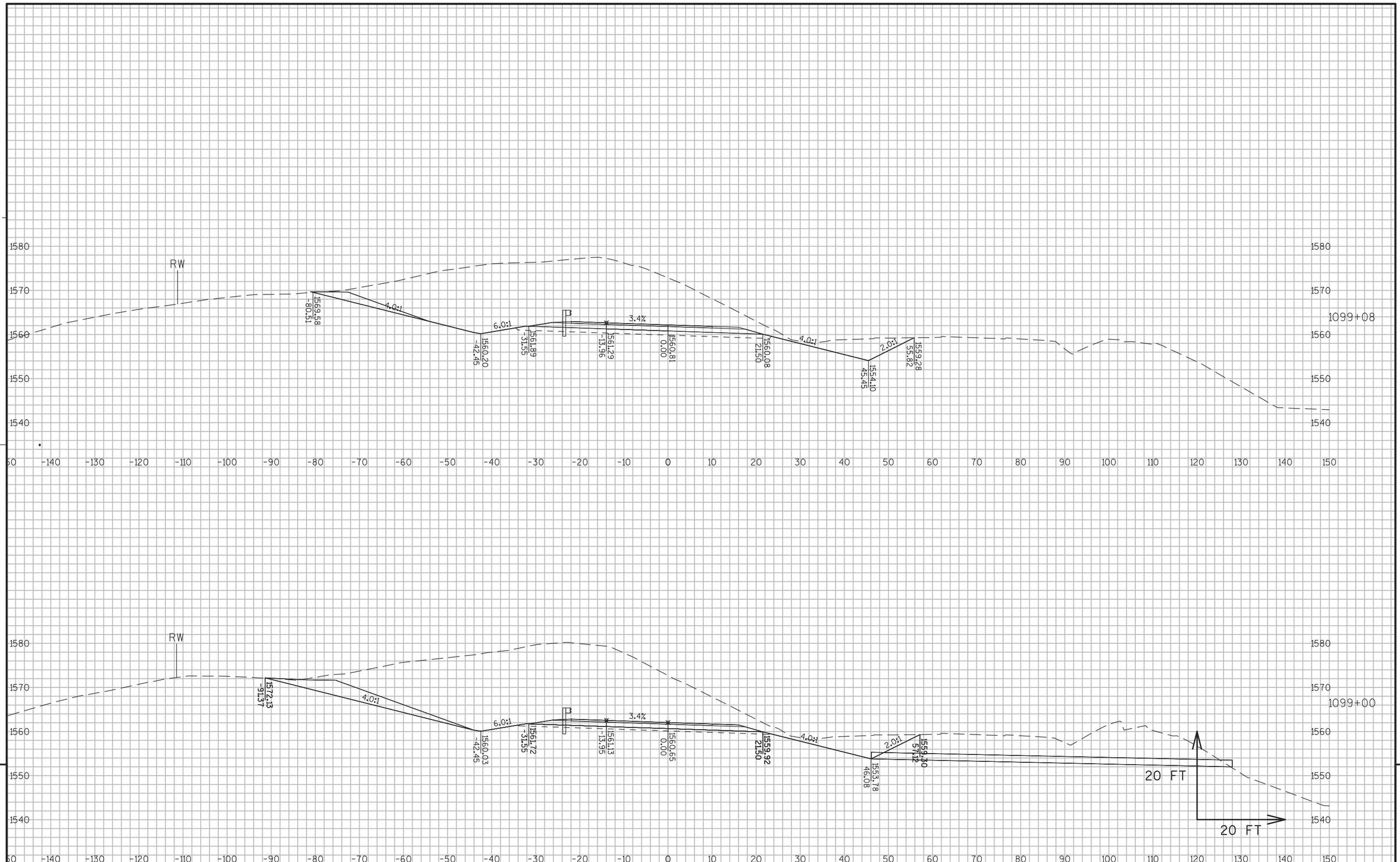
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 614	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1503)

PLOT DATE : 8/6/2015 2:58 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

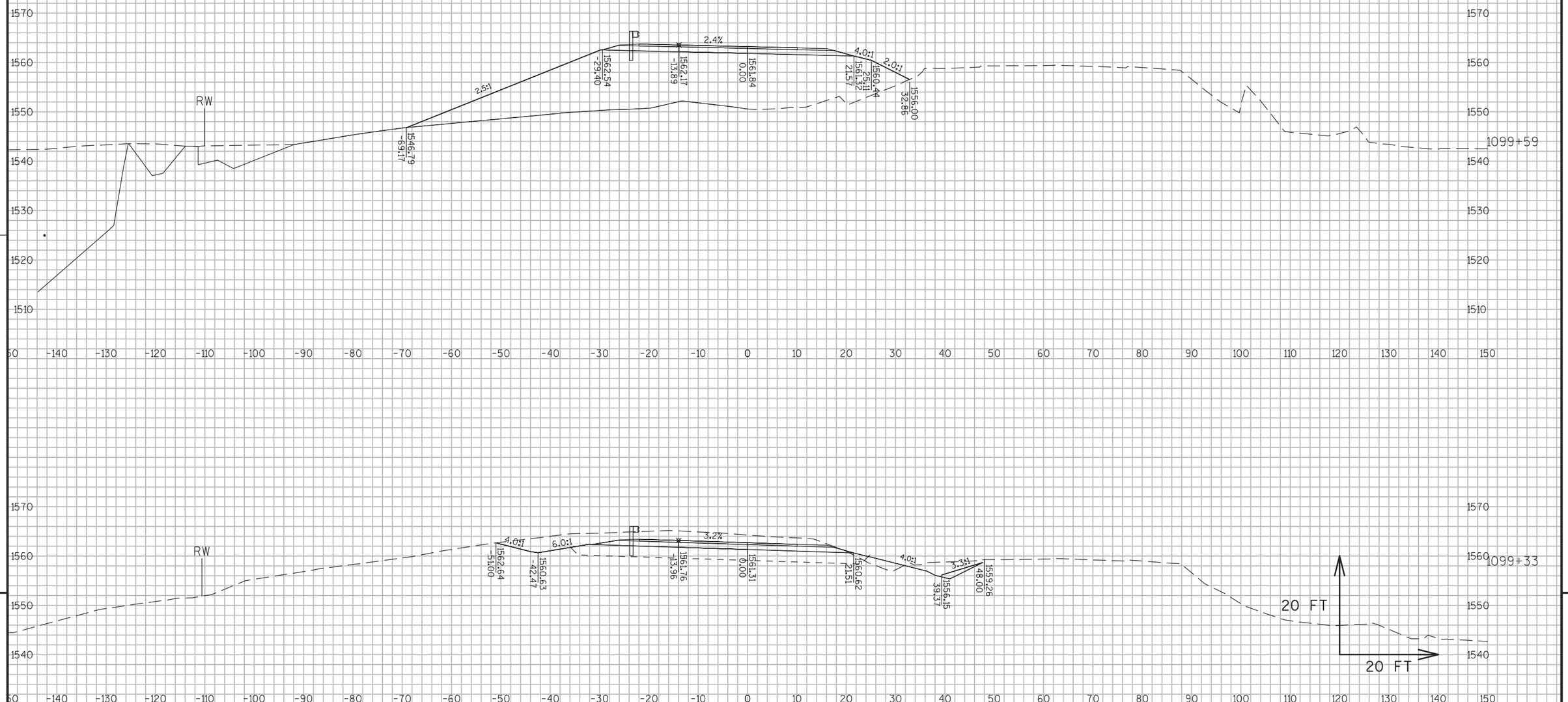


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 615	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1504)

PLOT DATE : 8/6/2015 2:59 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

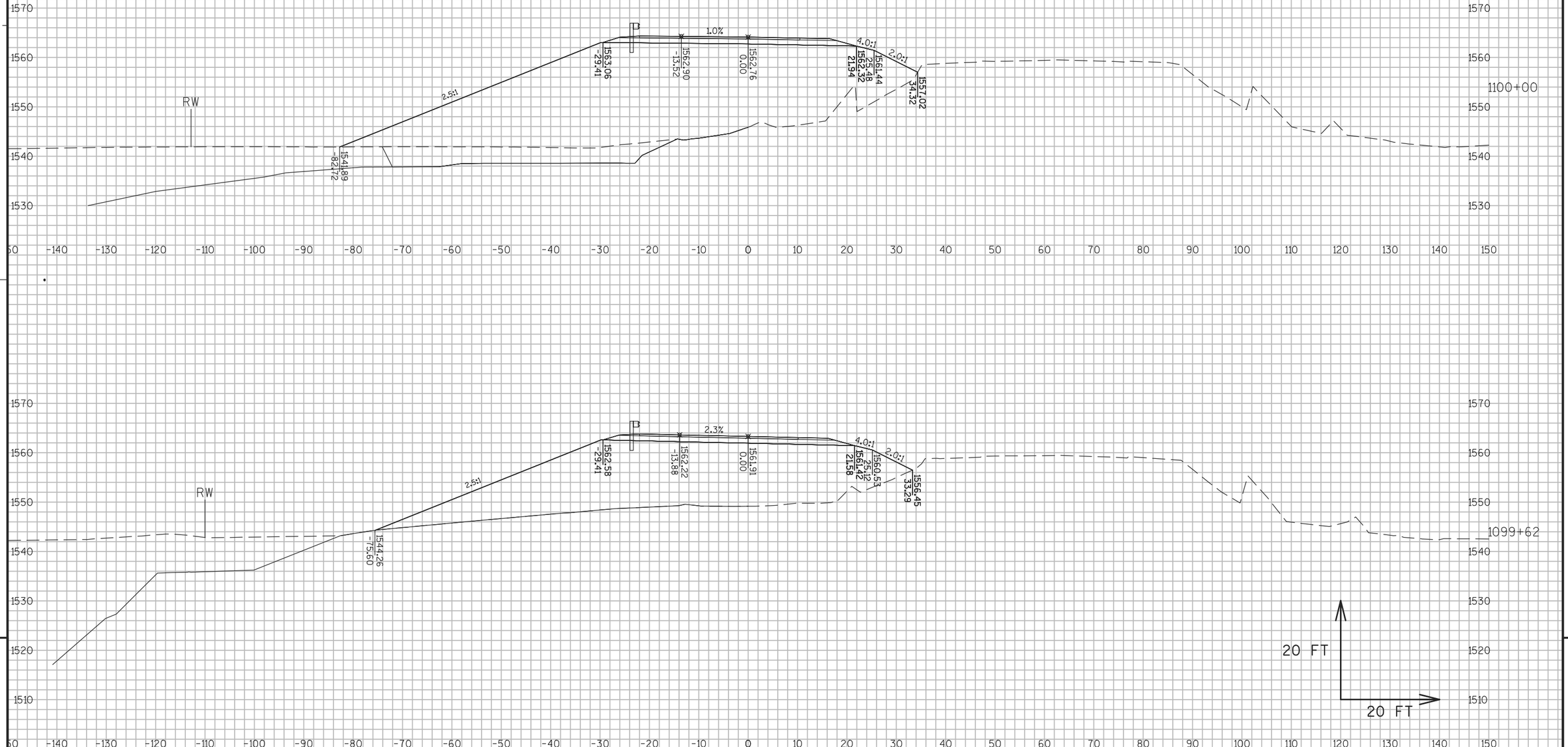


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 616	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1505)
PLOT DATE : 8/6/2015 2:59 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

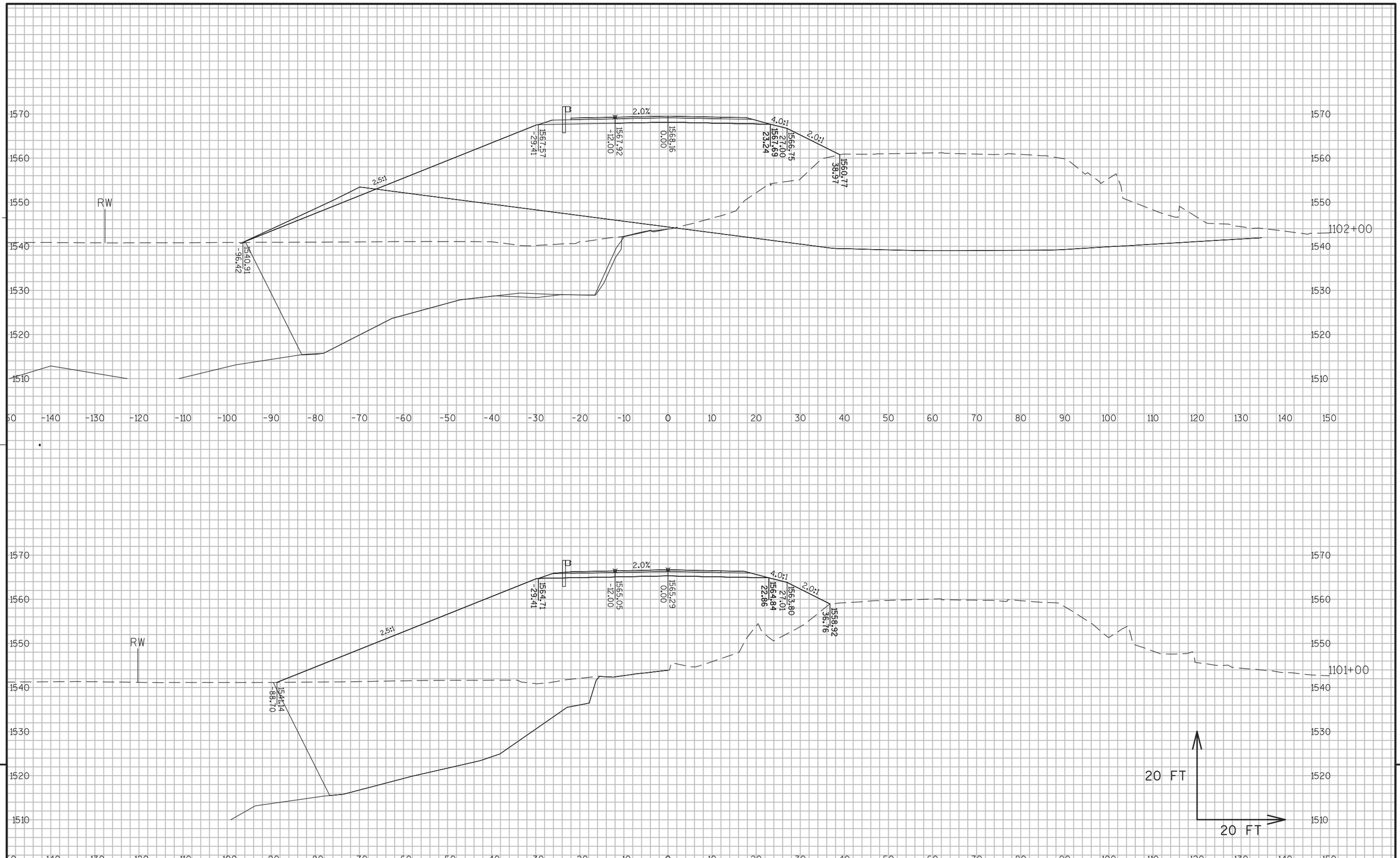


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 617	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1506)

PLOT DATE : 8/6/2015 2:59 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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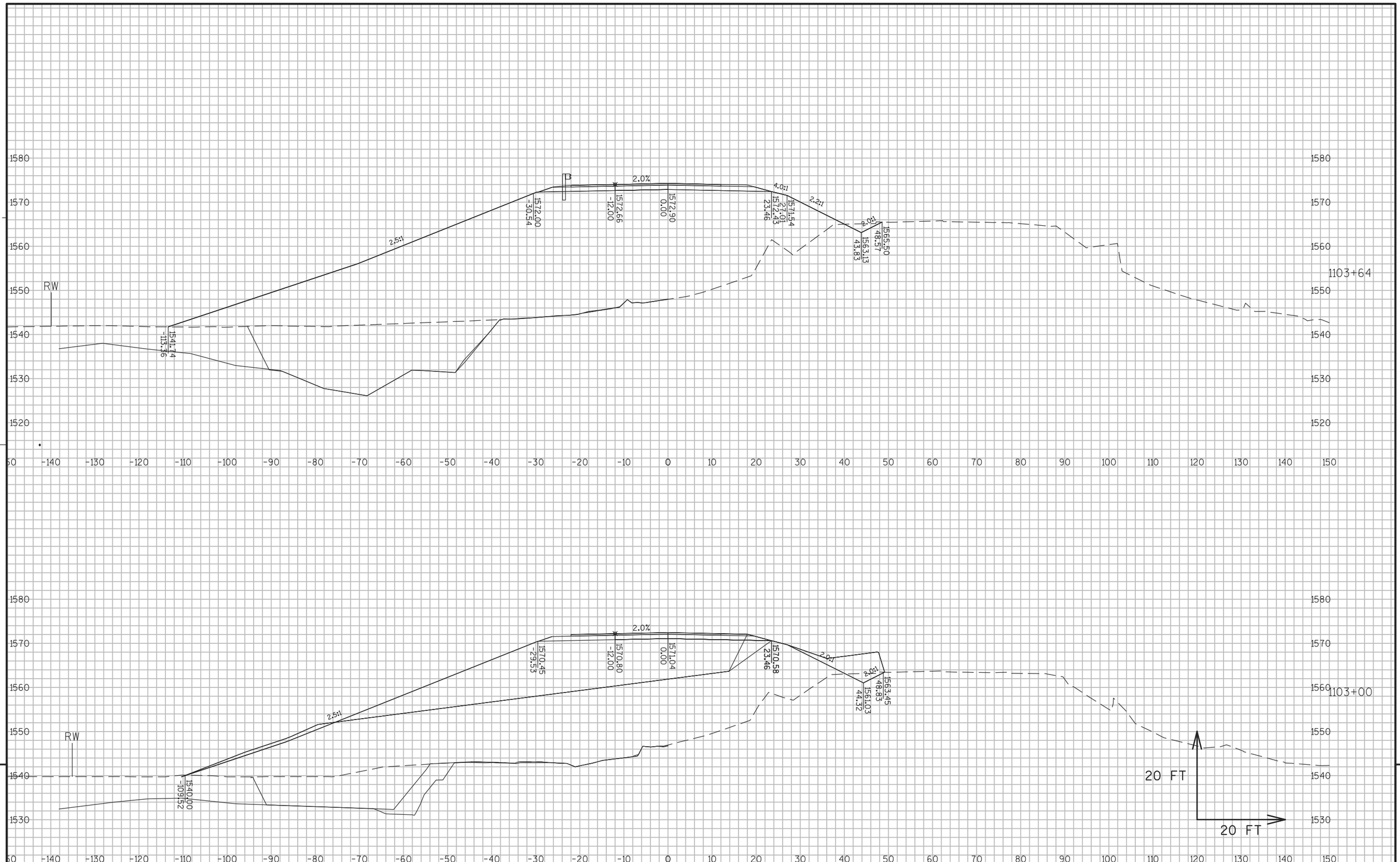
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 618	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1507)

PLOT DATE : 8/6/2015 2:59 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

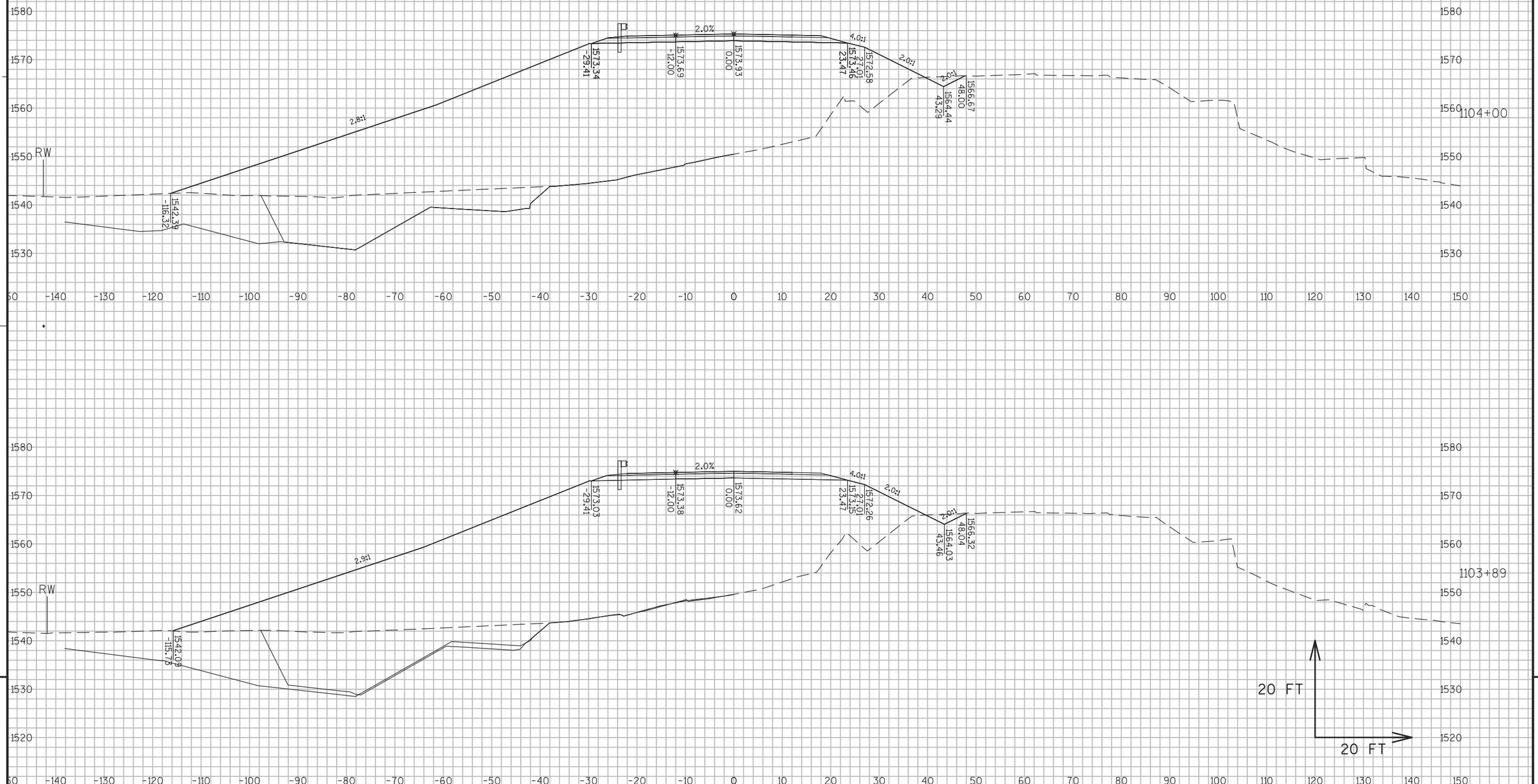


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 619	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1508)

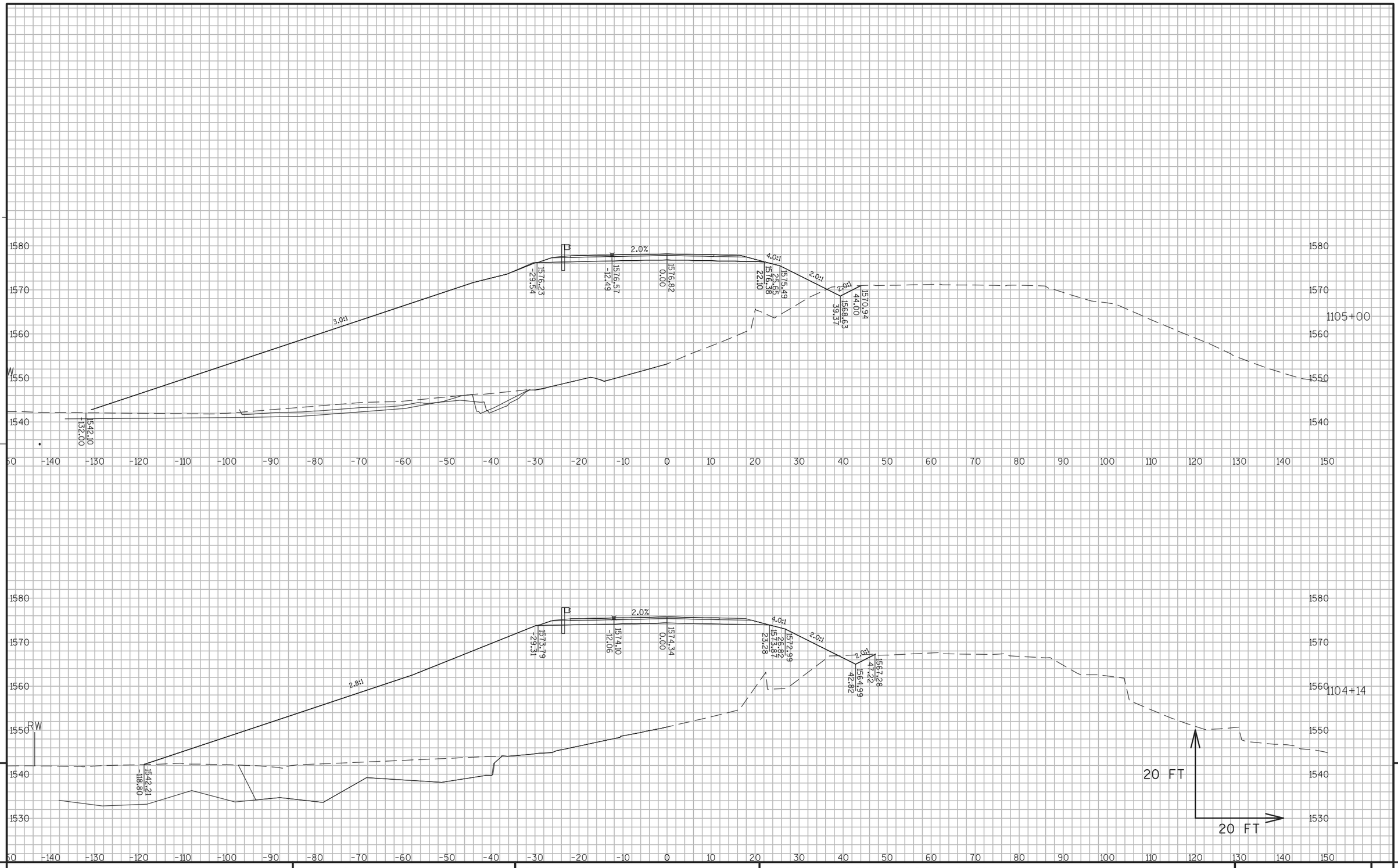
PLOT DATE : 8/6/2015 2:59 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

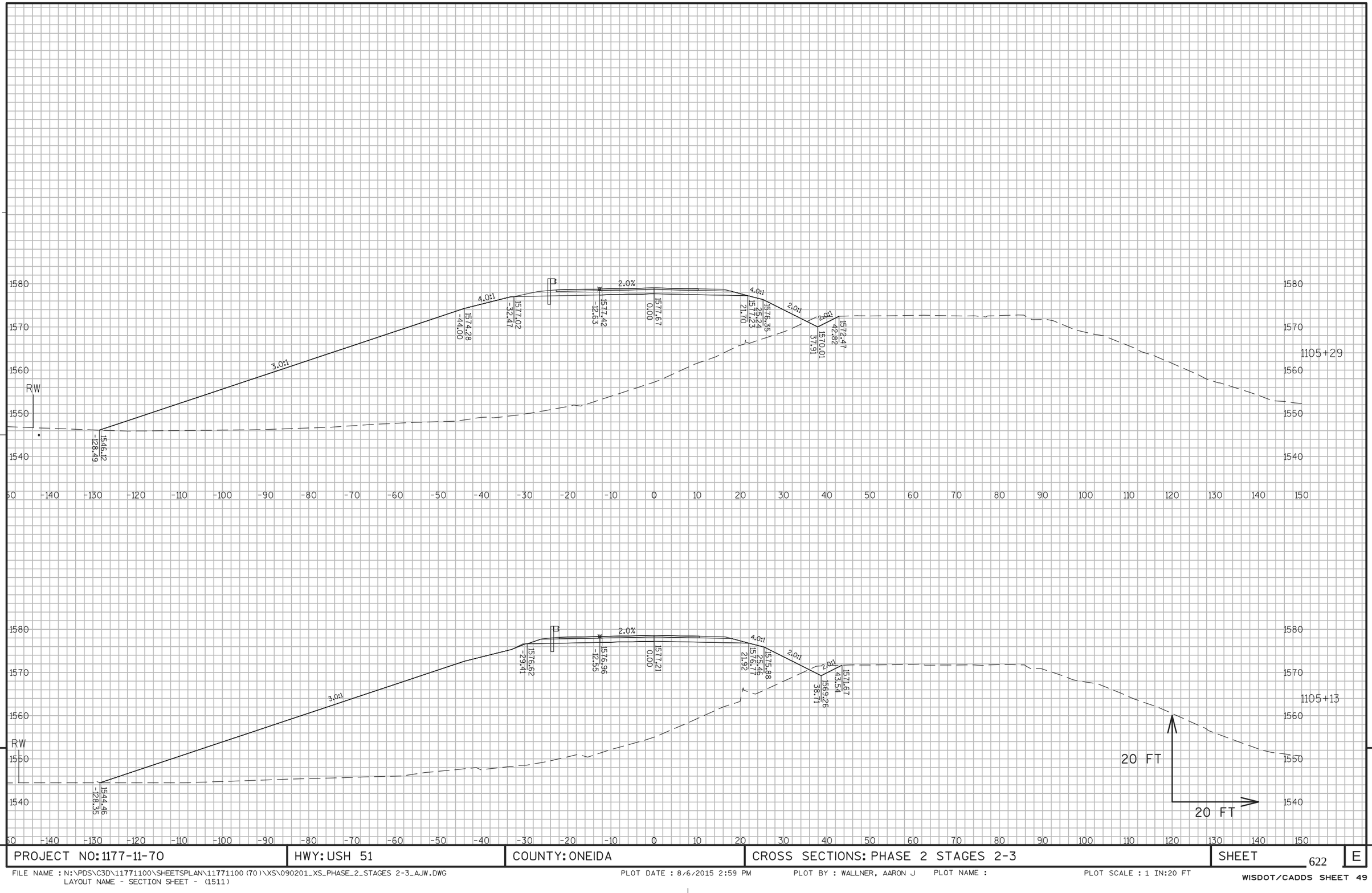


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 620	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1509)
PLOT DATE : 8/6/2015 2:59 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 621	E

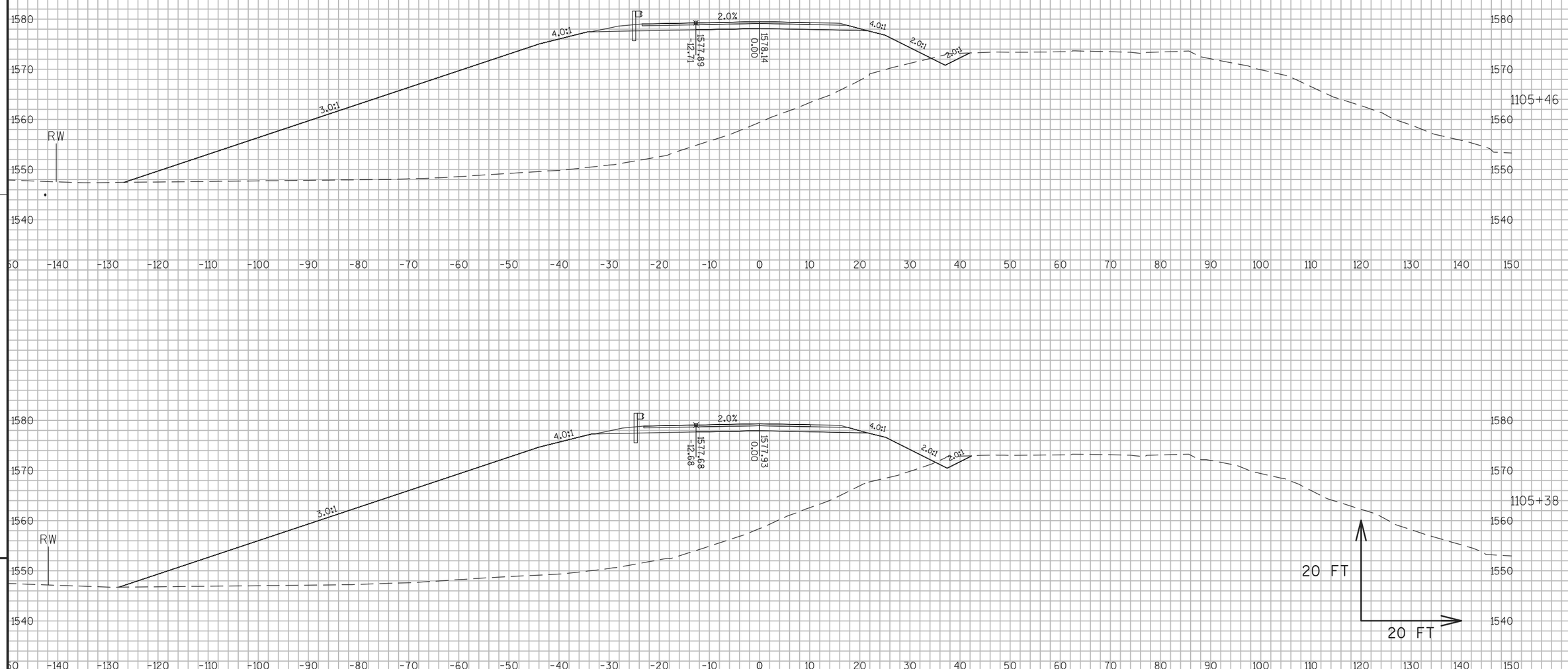


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 622 E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1511)

PLOT DATE : 8/6/2015 2:59 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

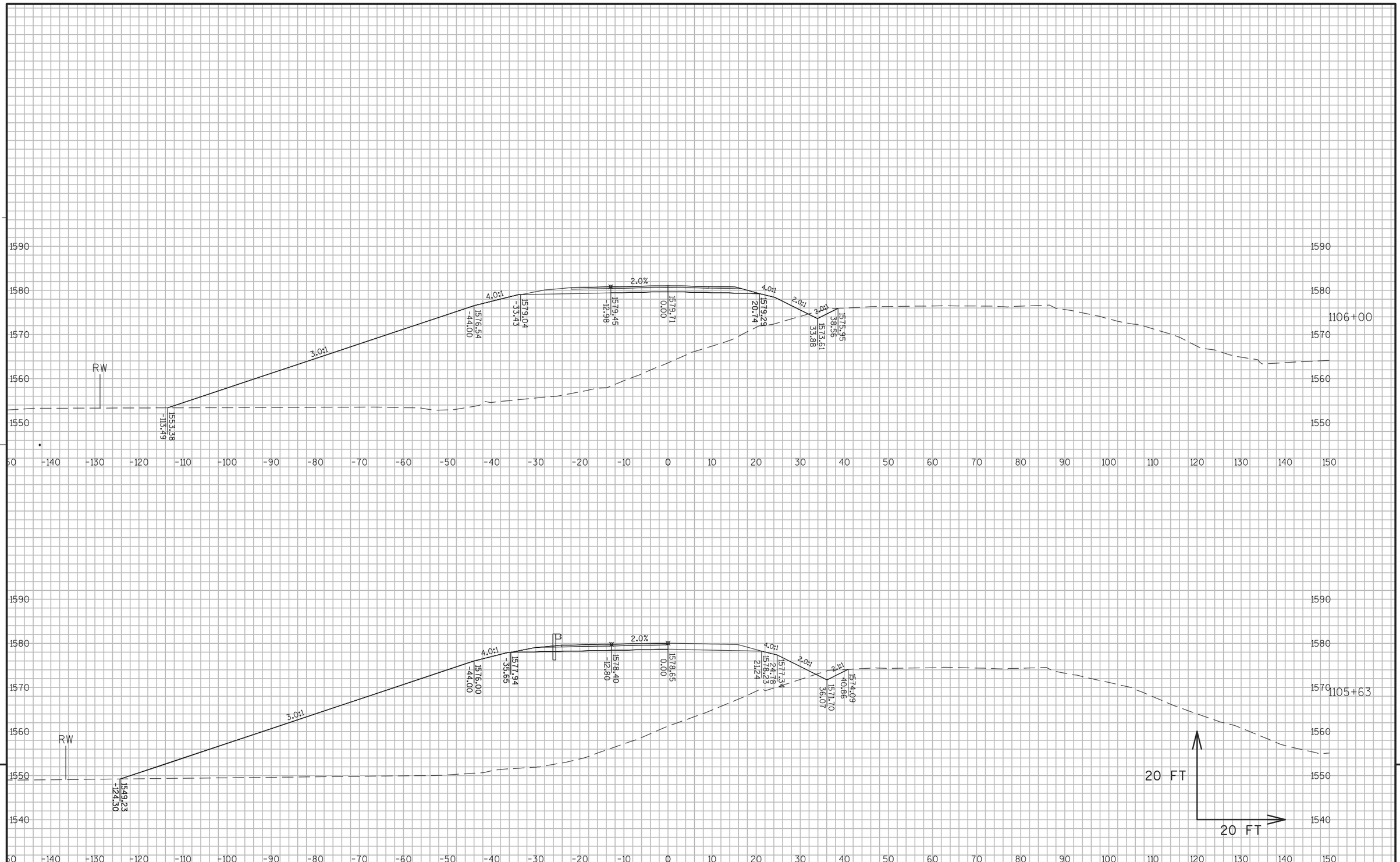


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 623	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1512)

PLOT DATE : 8/6/2015 2:59 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

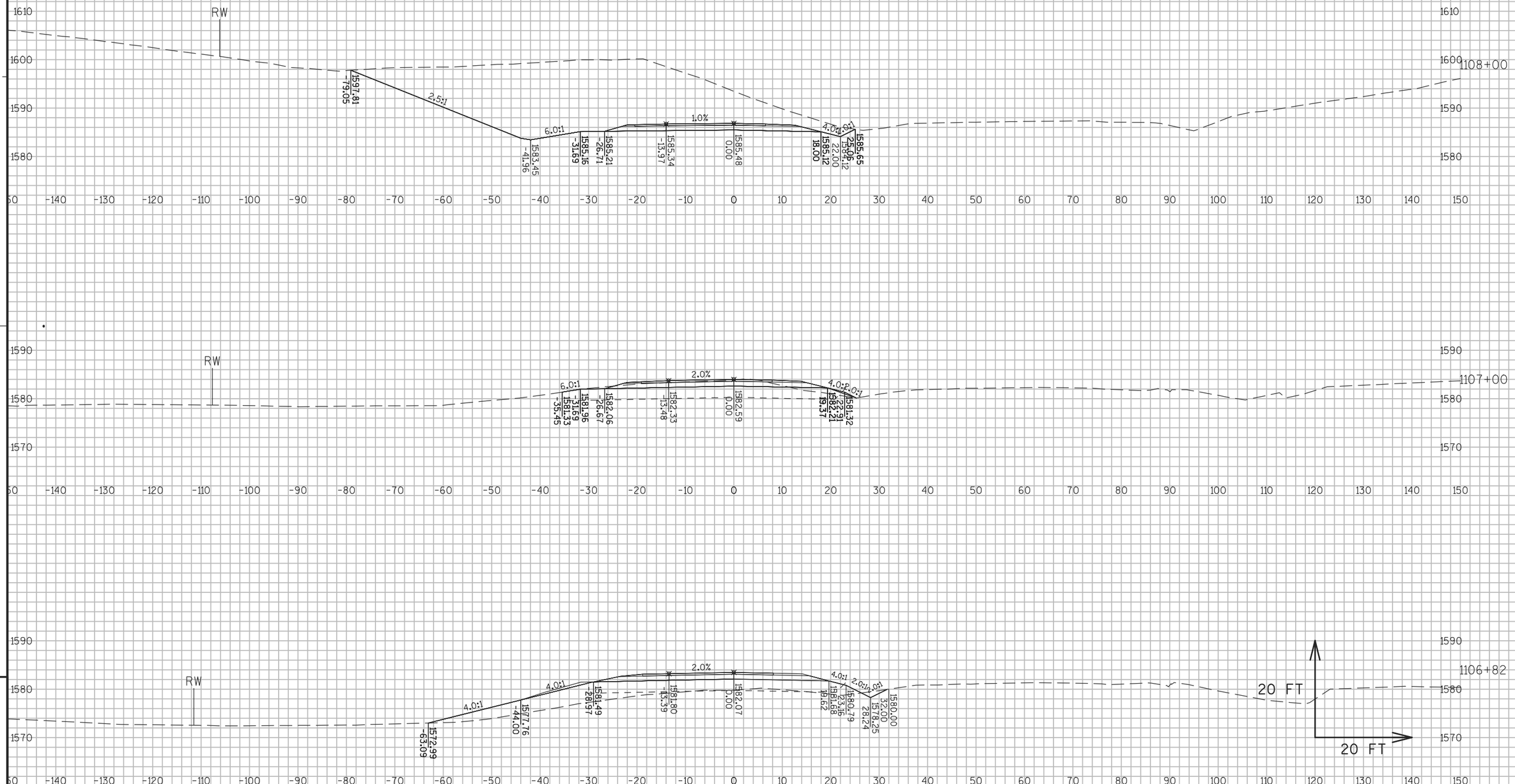


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 624	E

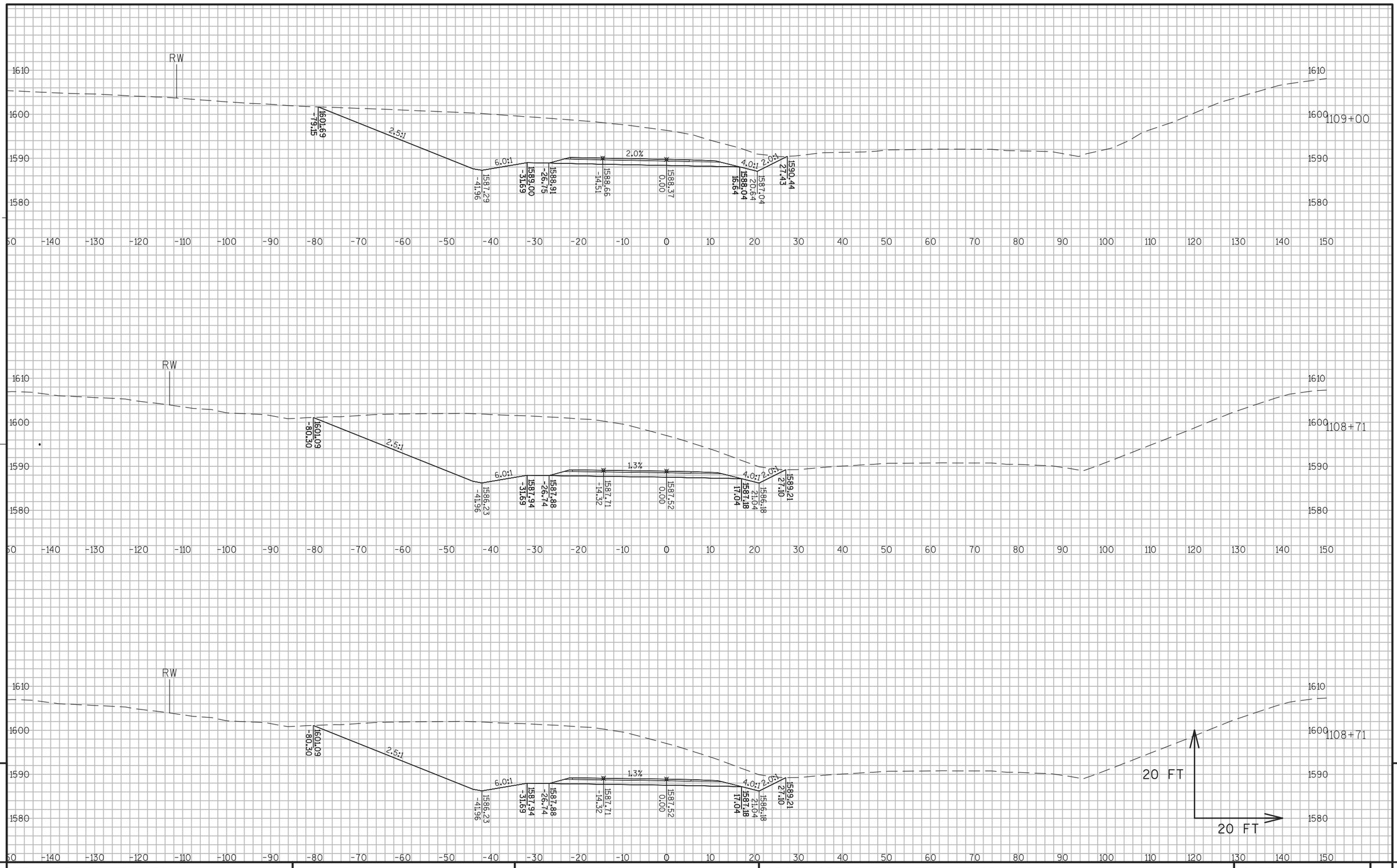
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1513)
PLOT DATE : 8/6/2015 2:59 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 625	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1514)
PLOT DATE : 8/6/2015 2:59 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

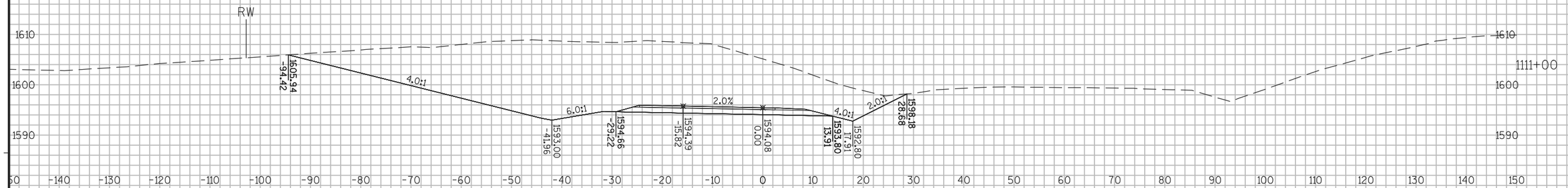


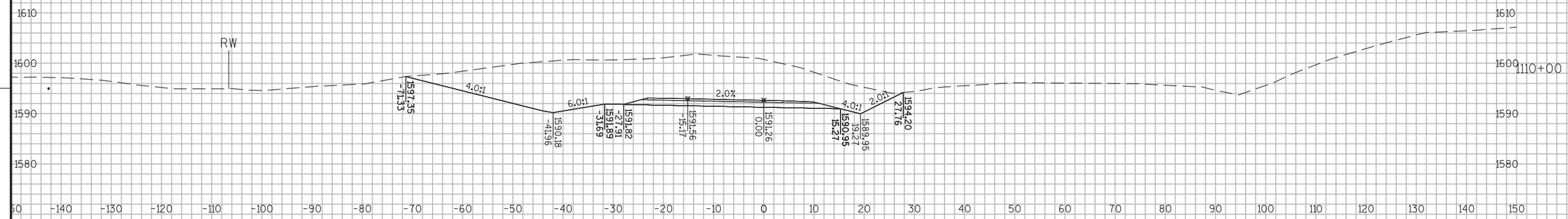
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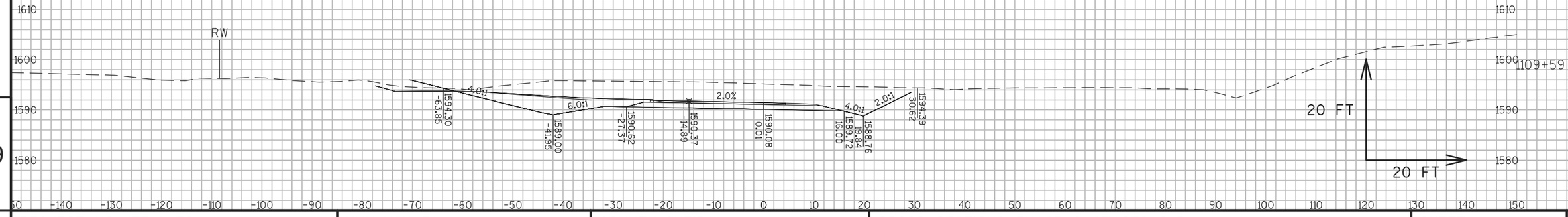
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 626	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1515)
PLOT DATE : 8/6/2015 2:59 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49







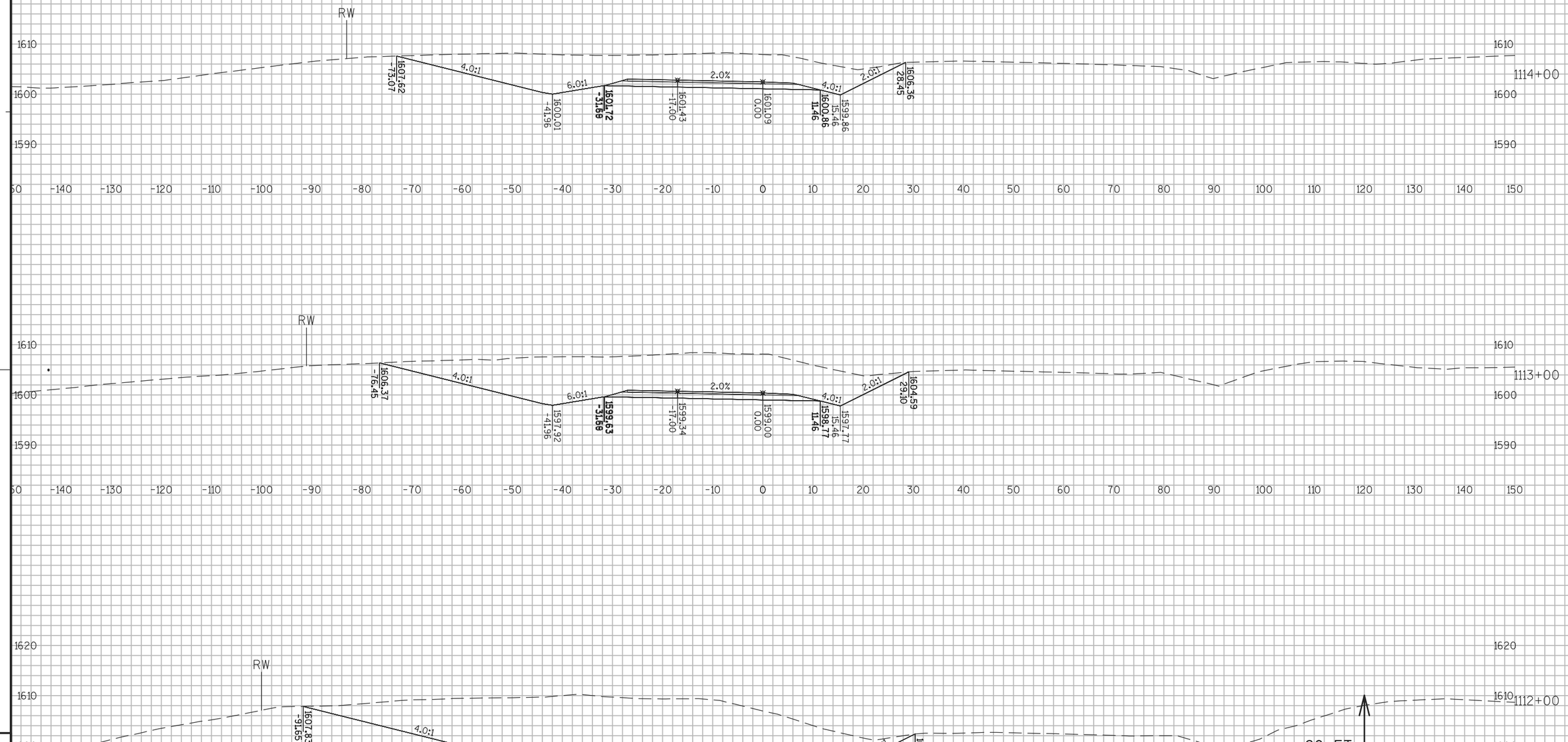
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 627	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1516)

PLOT DATE : 8/6/2015 2:59 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



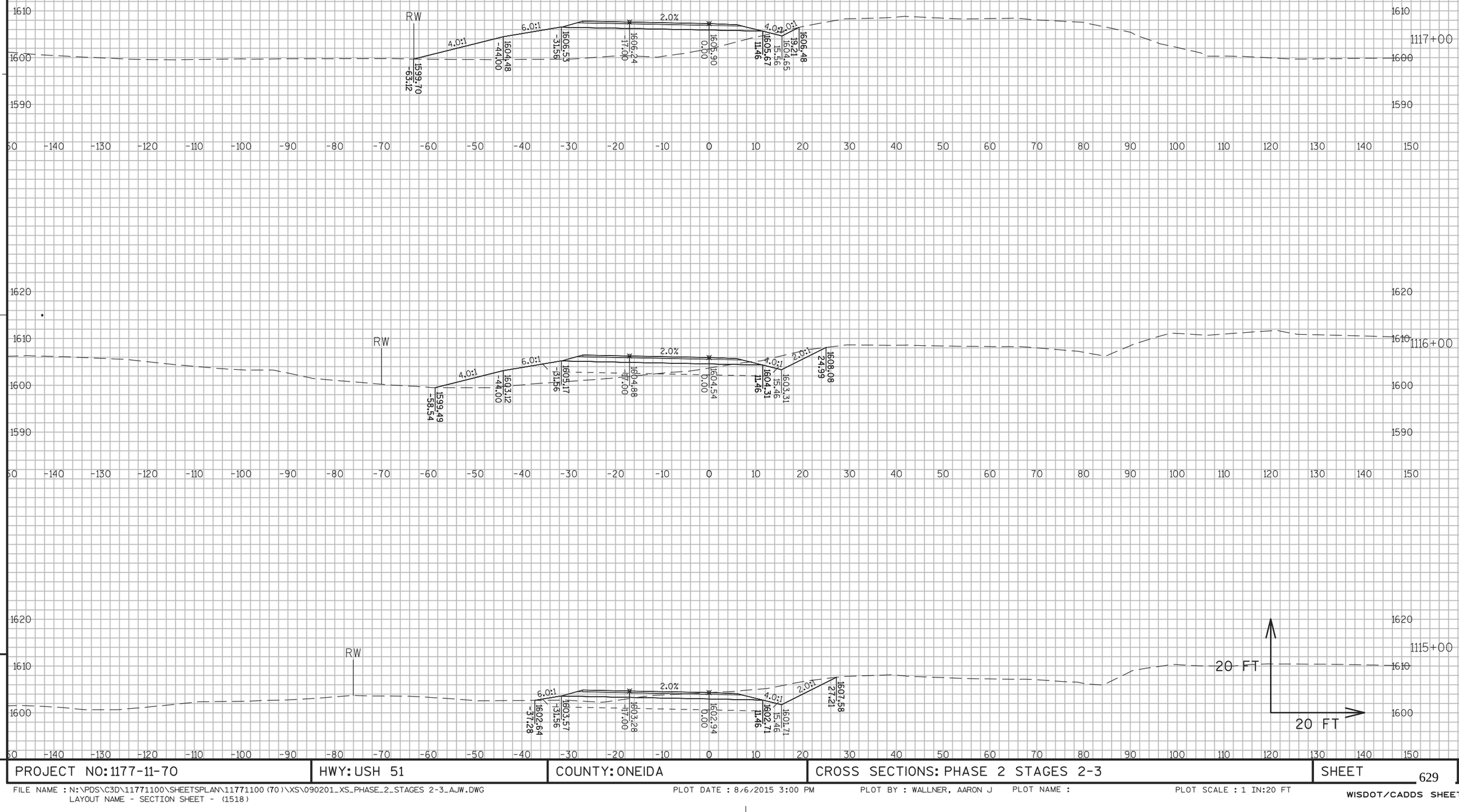
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 628	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1517)

PLOT DATE : 8/6/2015 3:00 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

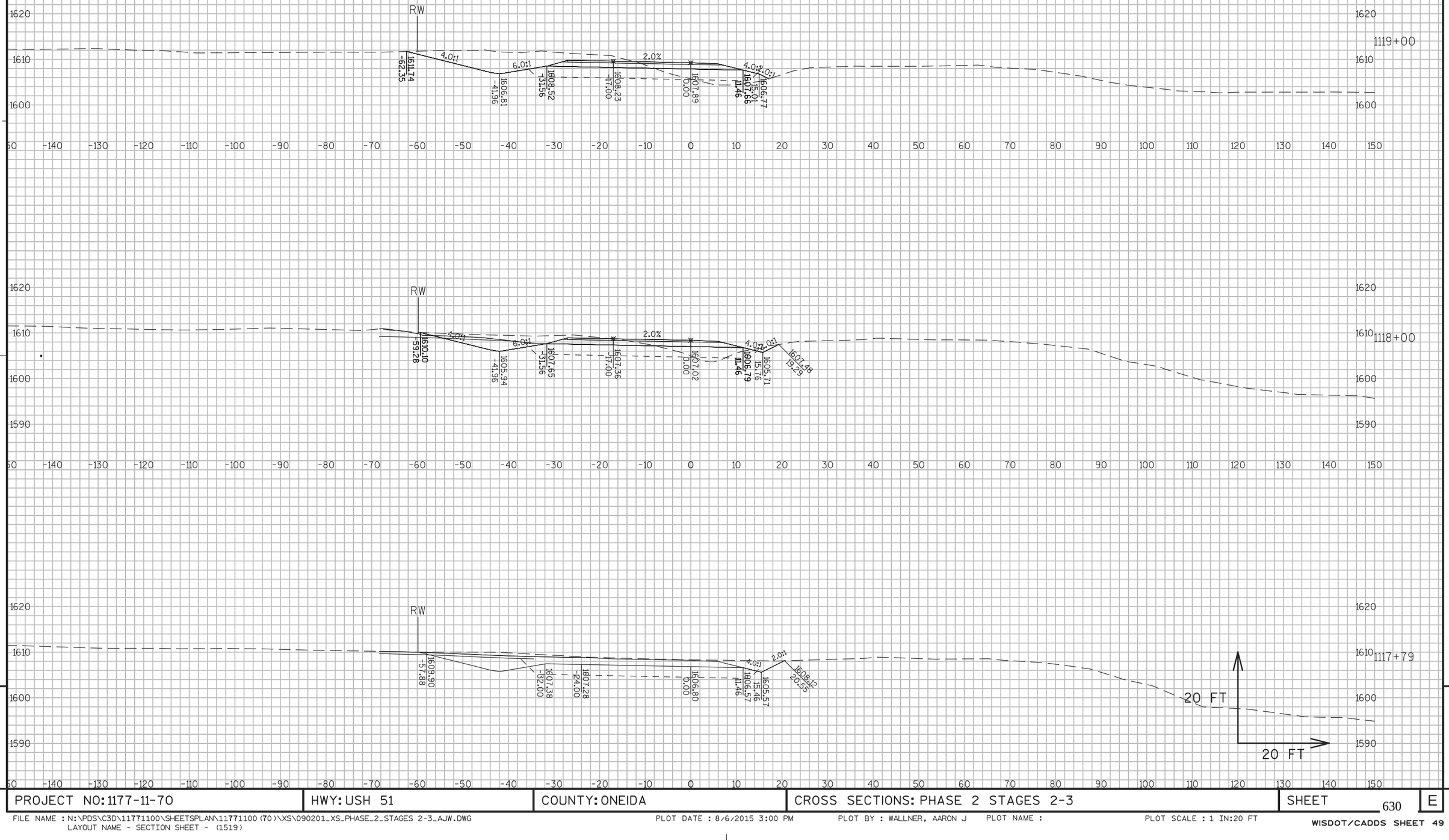


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 629	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1518)

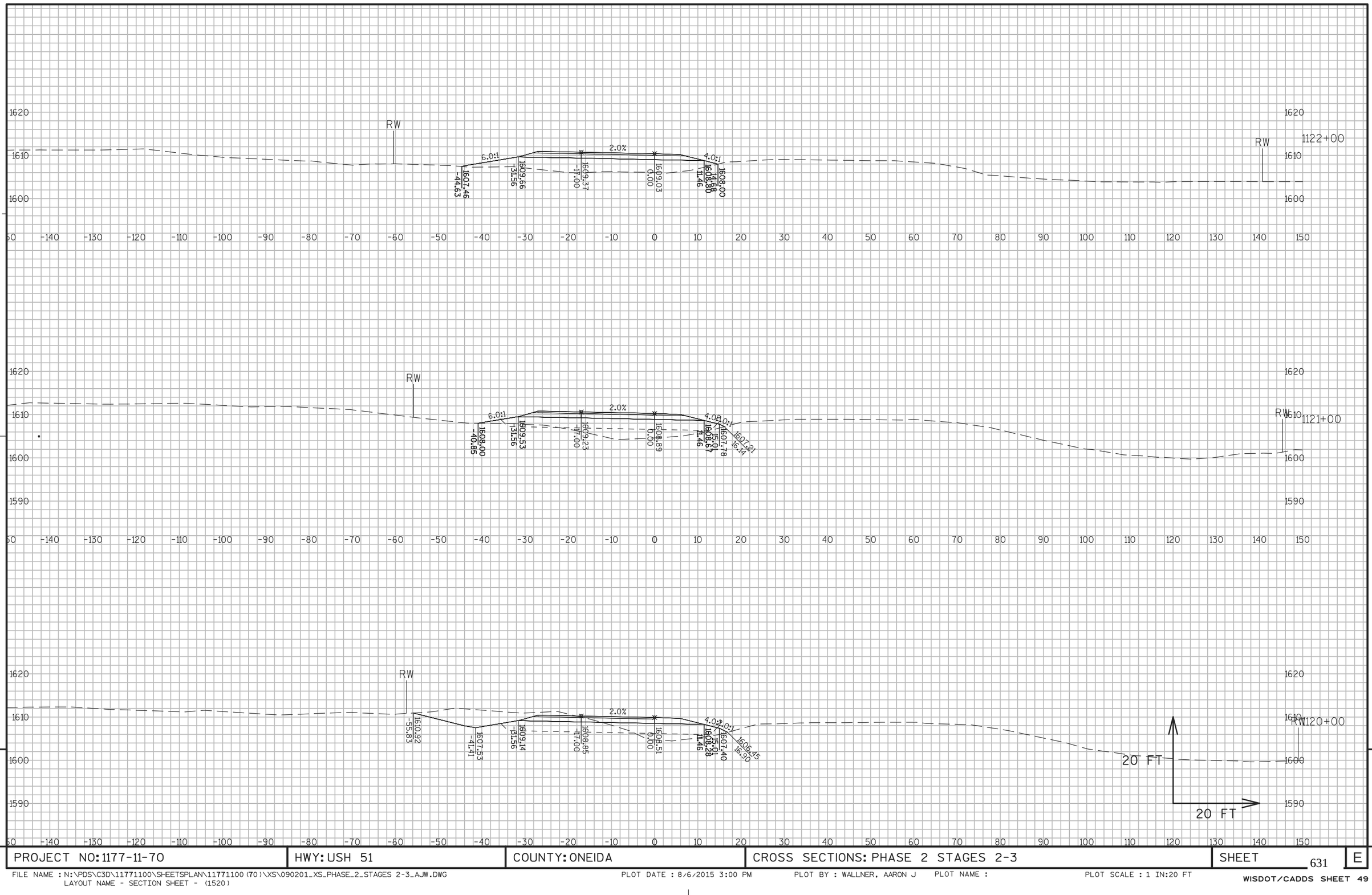
PLOT DATE : 8/6/2015 3:00 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 630	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1519)
PLOT DATE : 8/6/2015 3:00 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

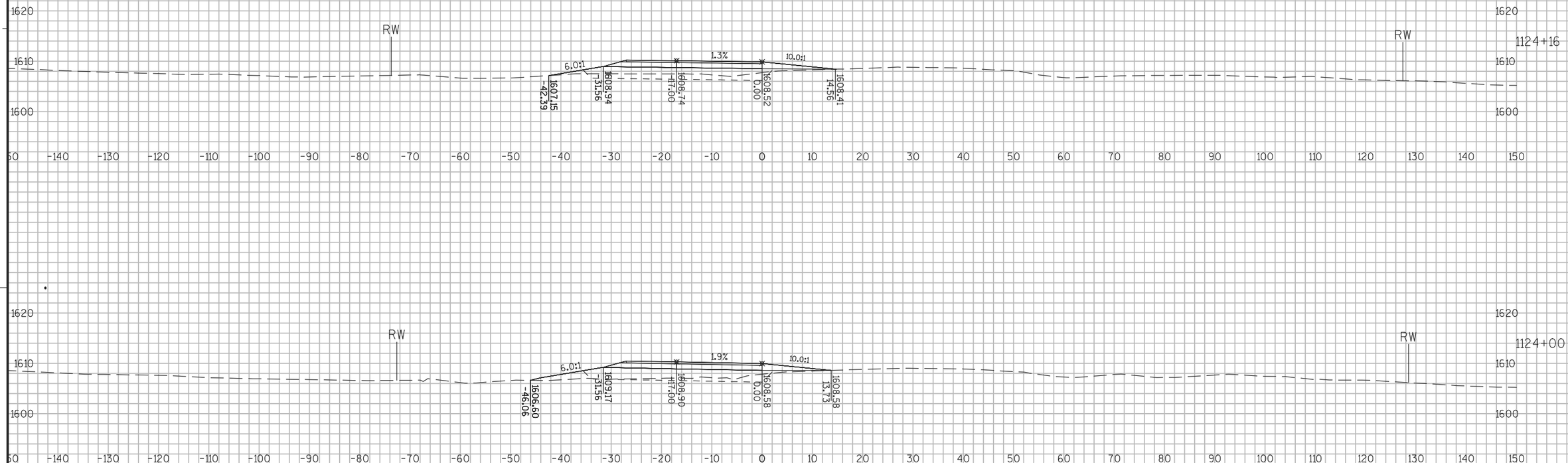


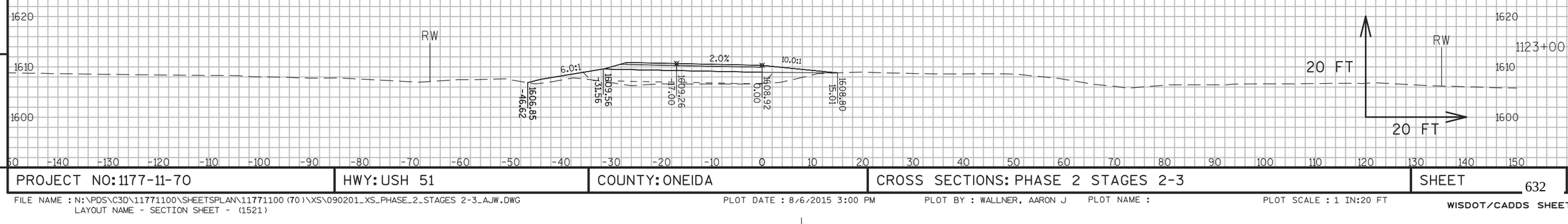
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 631	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1520)

PLOT DATE : 8/6/2015 3:00 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





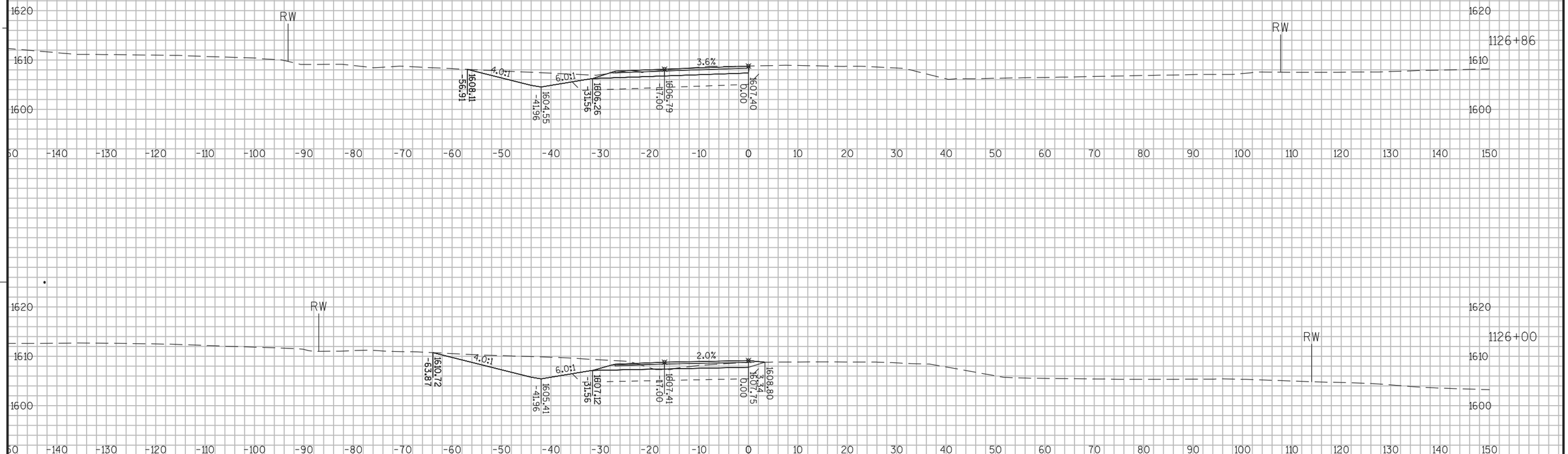
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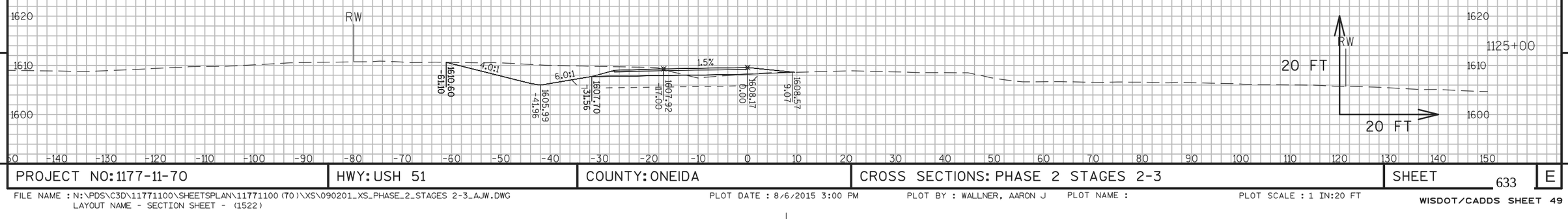
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 632	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1521)

PLOT DATE : 8/6/2015 3:00 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT





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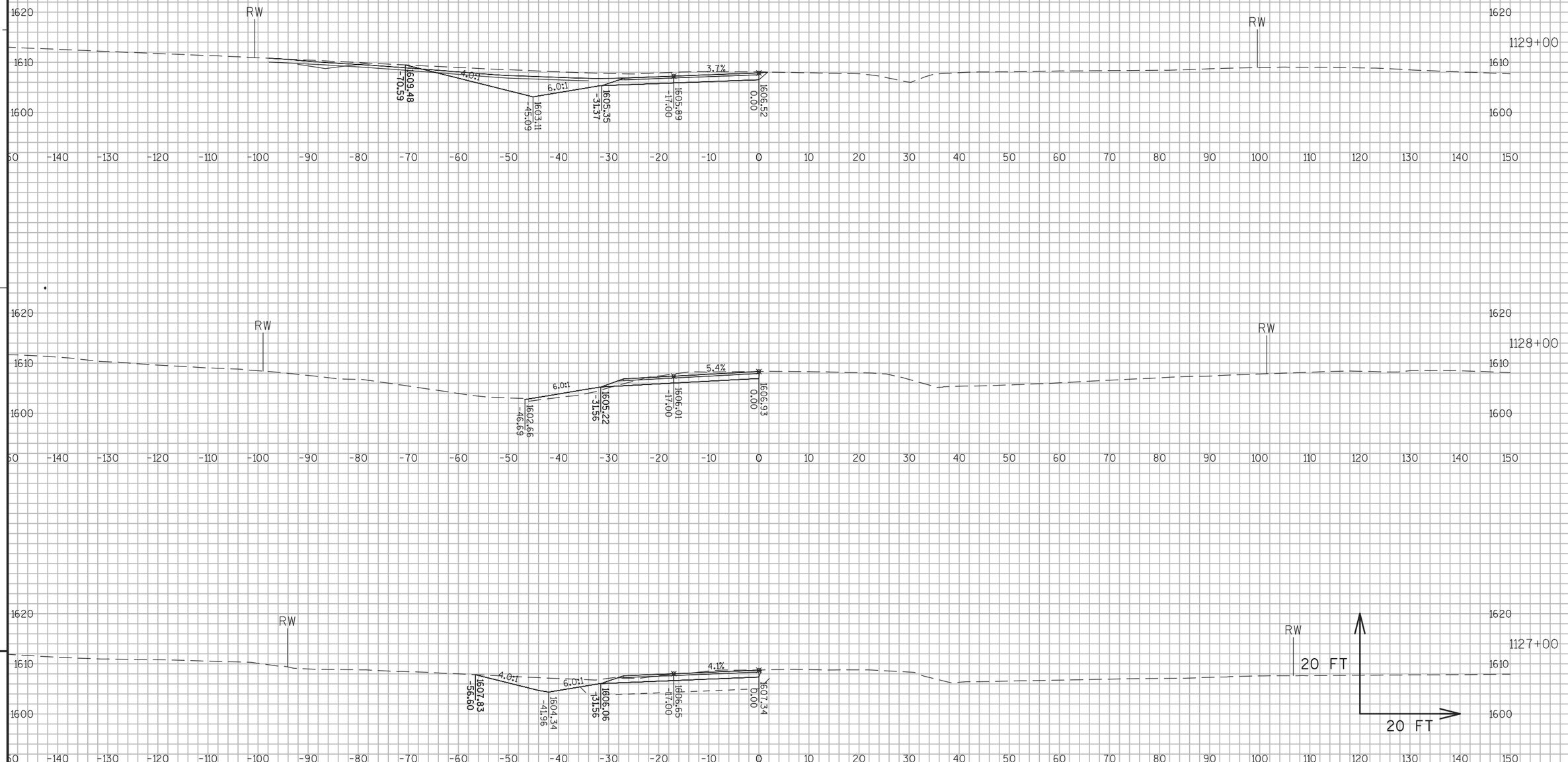
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 633	E

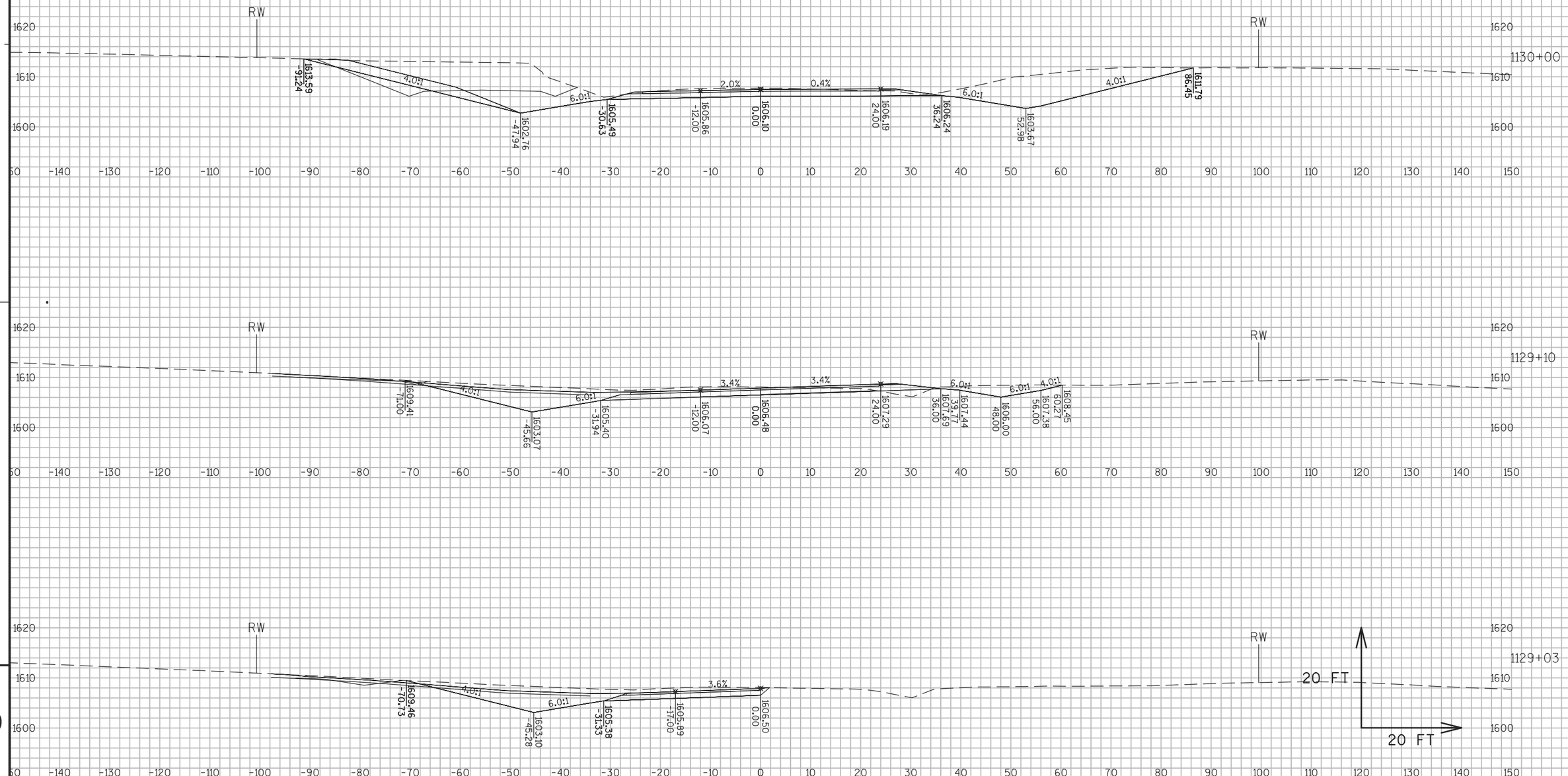
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LAYOUT NAME - SECTION SHEET - (1522)

PLOT DATE : 8/6/2015 3:00 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 634	E



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9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 635	E

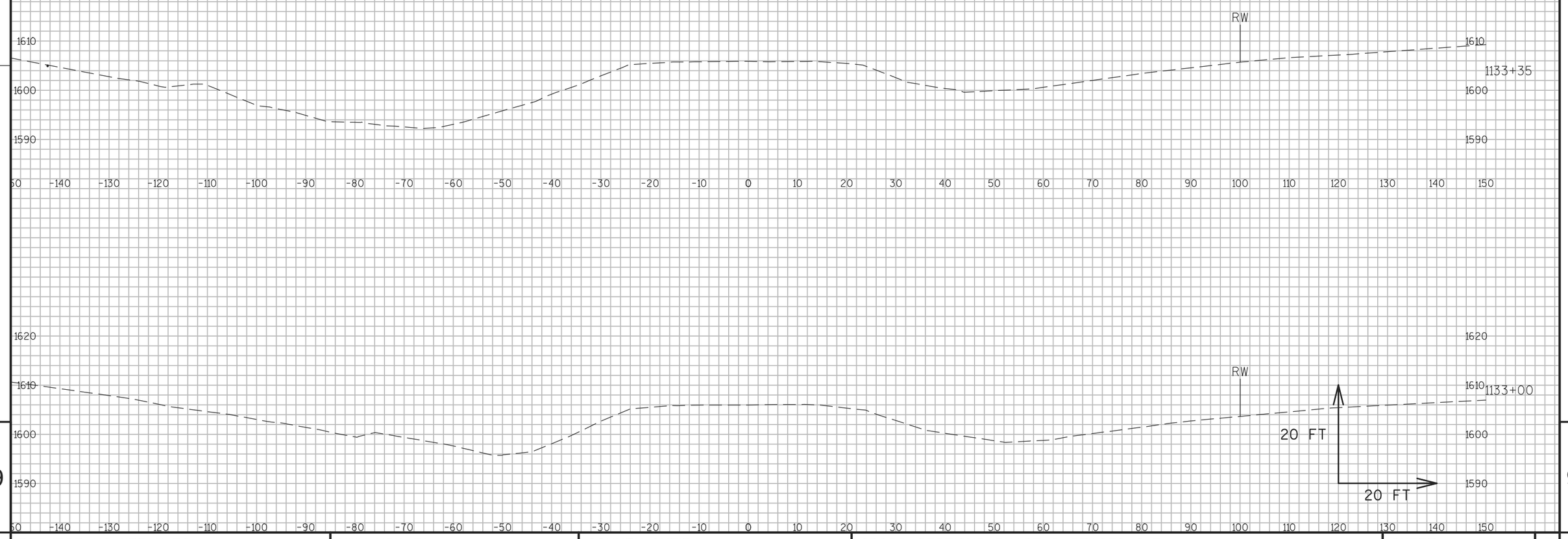
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LAYOUT NAME - SECTION SHEET - (1524)
PLOT DATE : 8/6/2015 3:00 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 636	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1525)

PLOT DATE : 8/6/2015 3:00 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



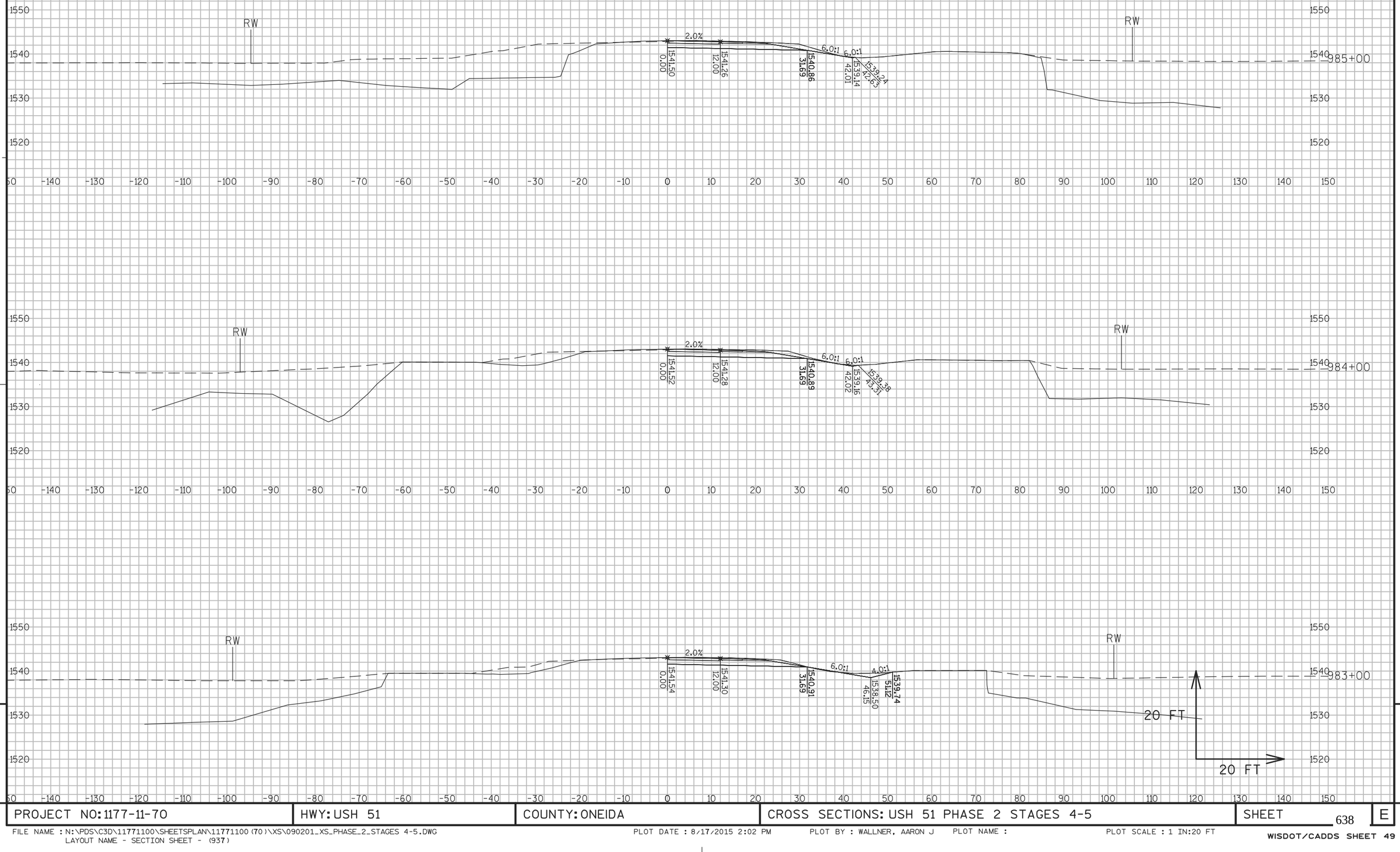
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: PHASE 2 STAGES 2-3	SHEET 637	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 2-3_AJW.DWG
LAYOUT NAME - SECTION SHEET - (1526)

PLOT DATE : 8/6/2015 3:00 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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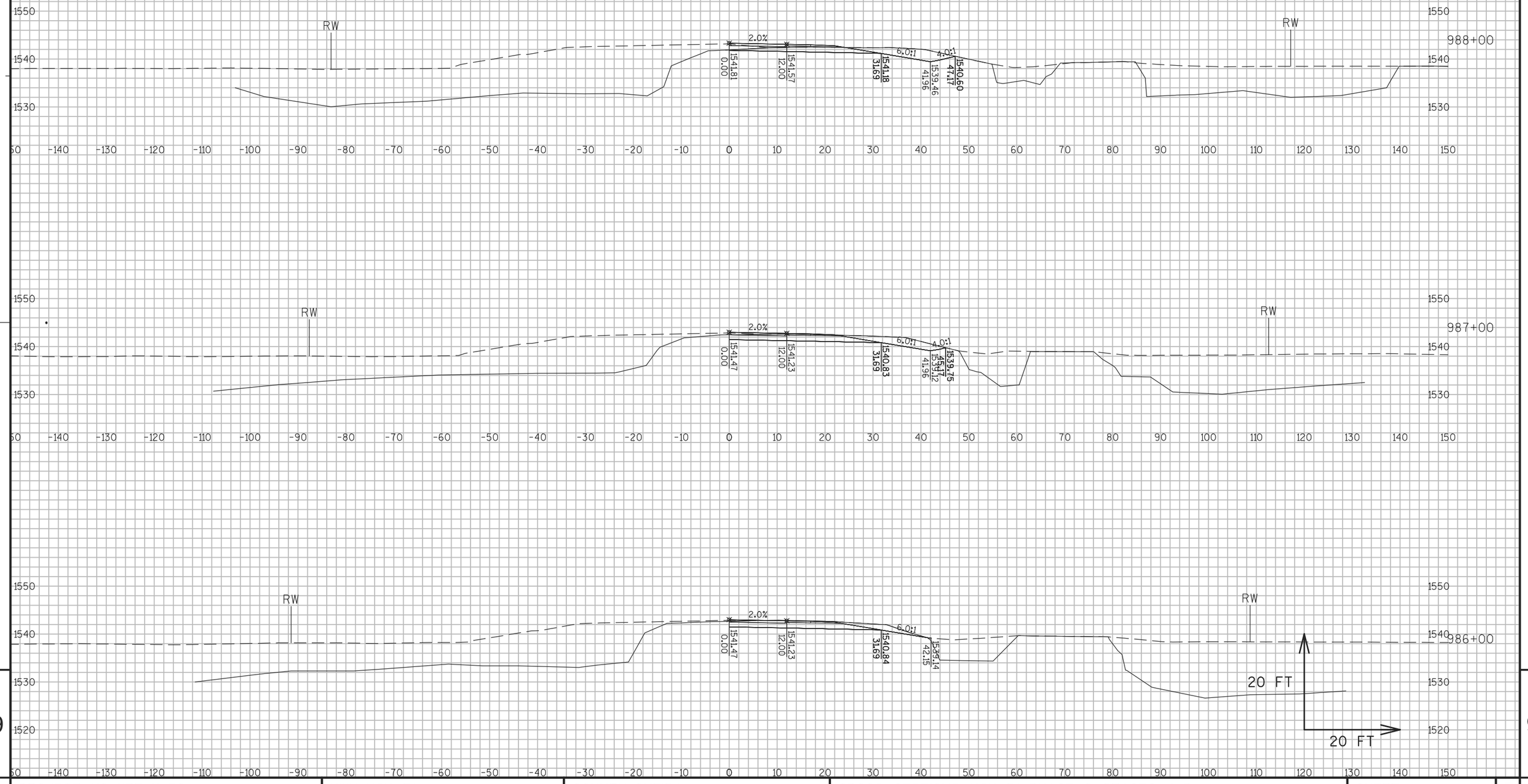
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 638	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (937)

PLOT DATE : 8/17/2015 2:02 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

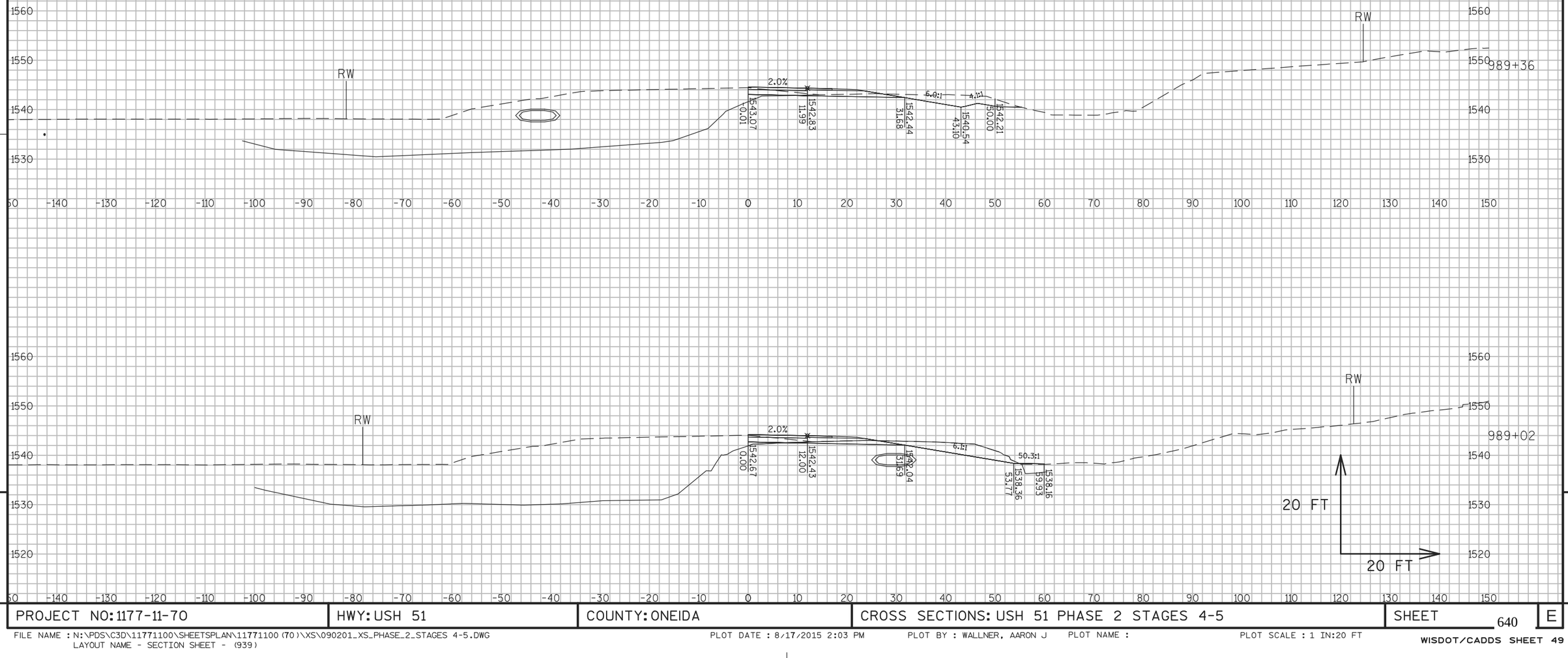


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 639	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (938)

PLOT DATE : 8/17/2015 2:03 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

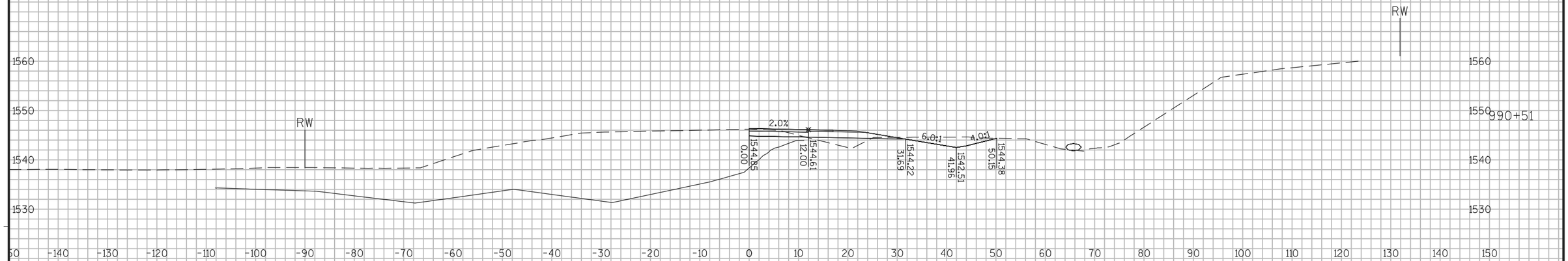


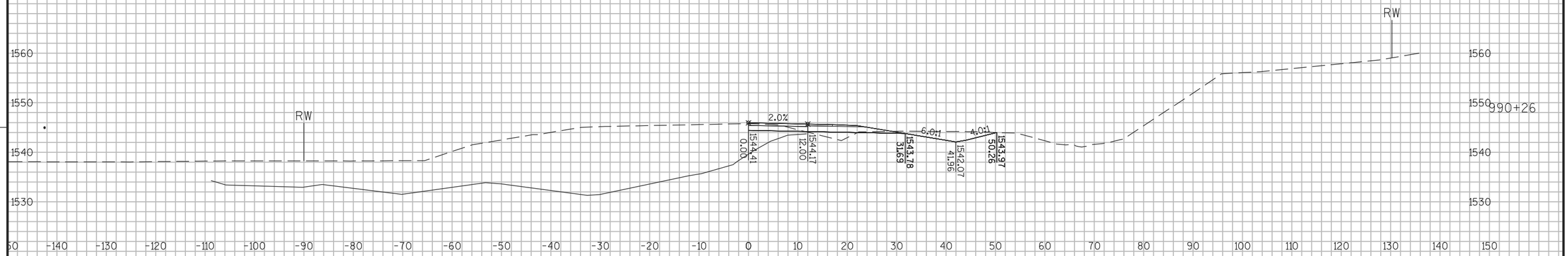
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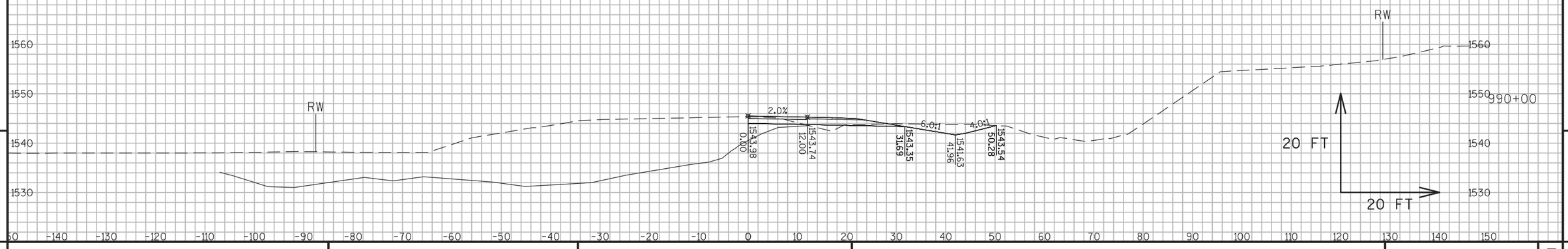
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LAYOUT NAME - SECTION SHEET - (939)

PLOT DATE : 8/17/2015 2:03 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49







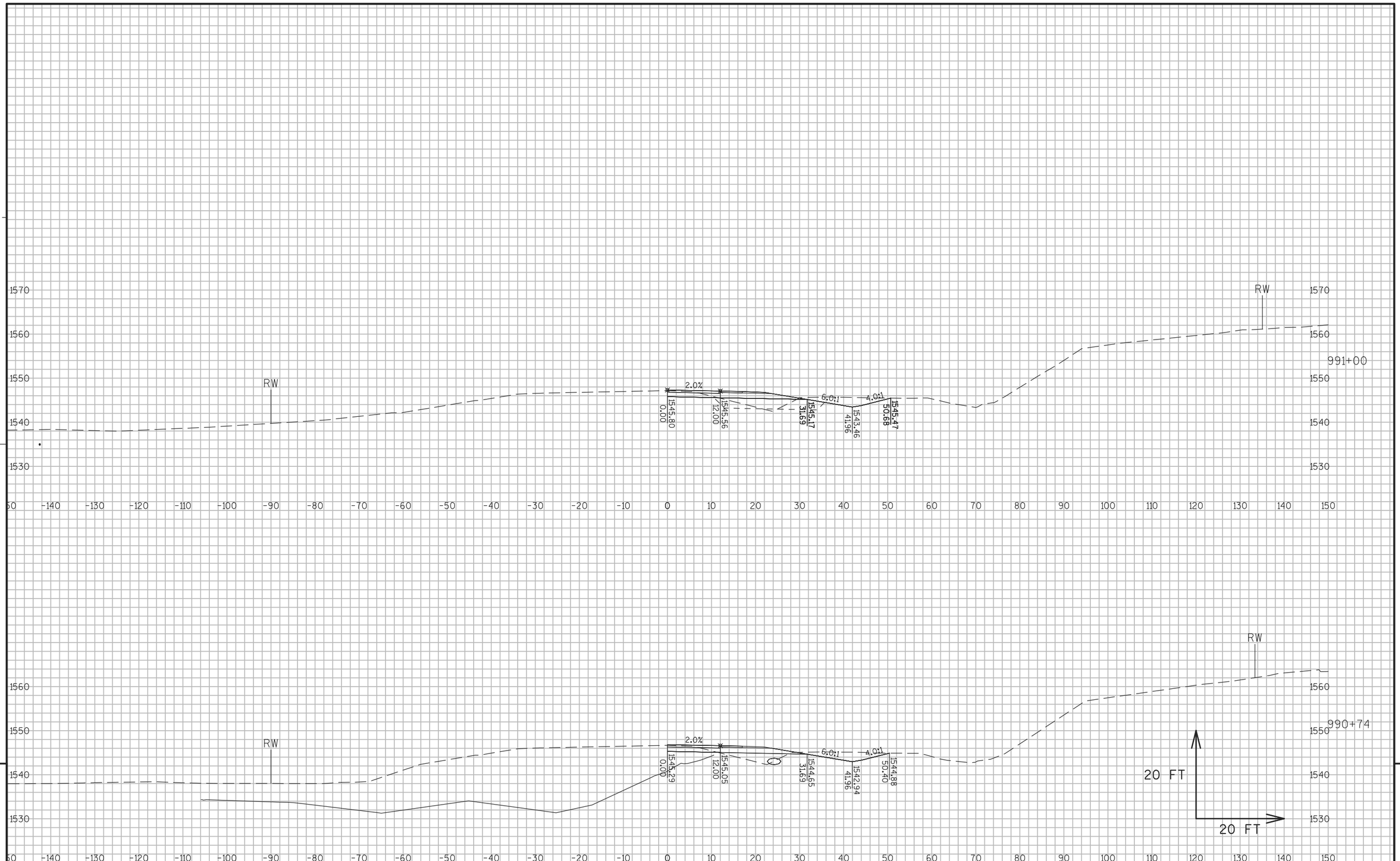
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 641	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (940)

PLOT DATE : 8/17/2015 2:03 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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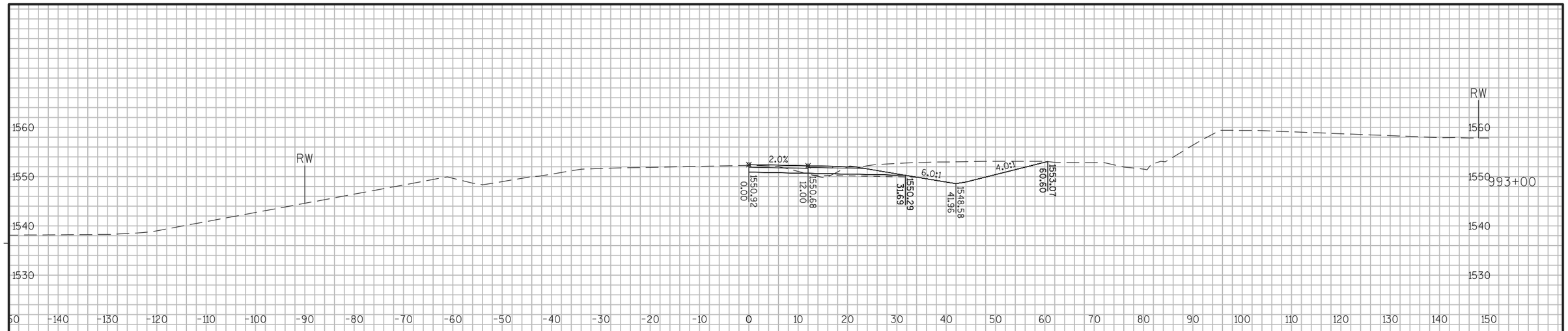
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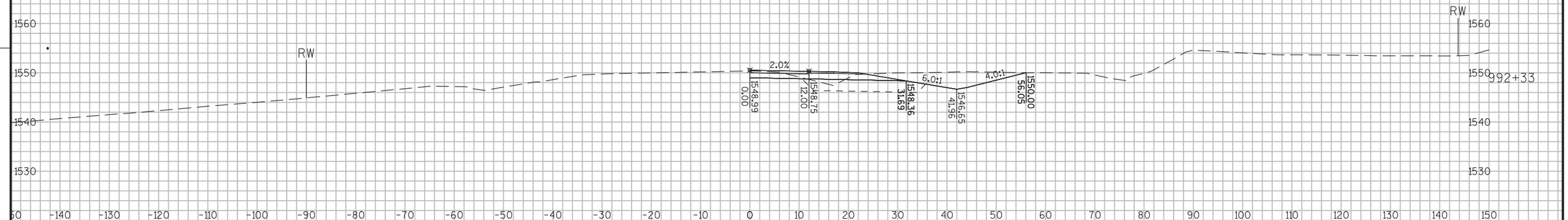
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 642	E

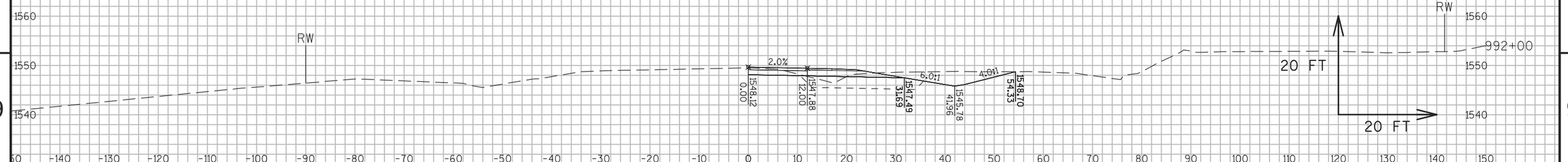
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (941)

PLOT DATE : 8/17/2015 2:03 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49







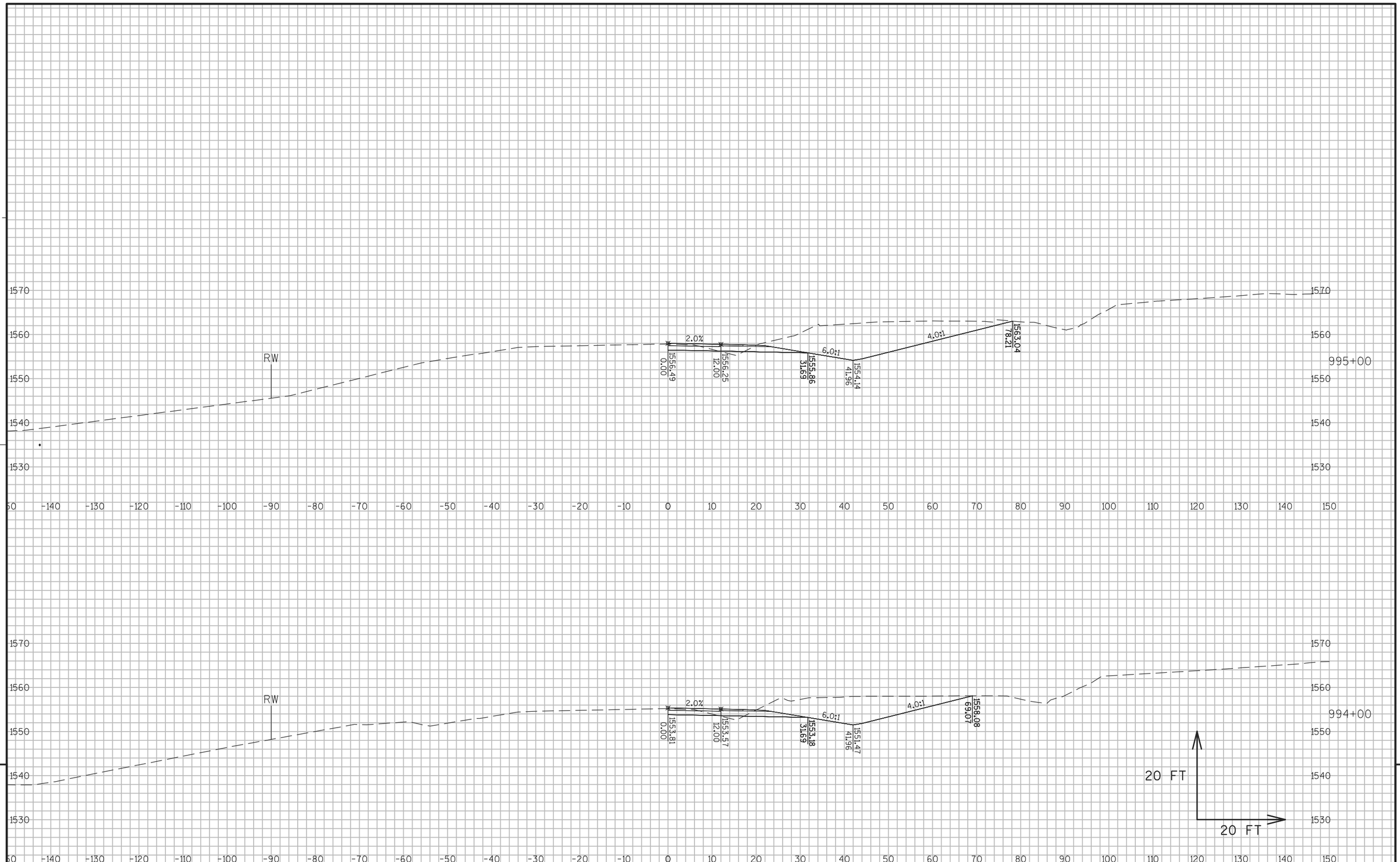
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 643	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (942)

PLOT DATE : 8/17/2015 2:03 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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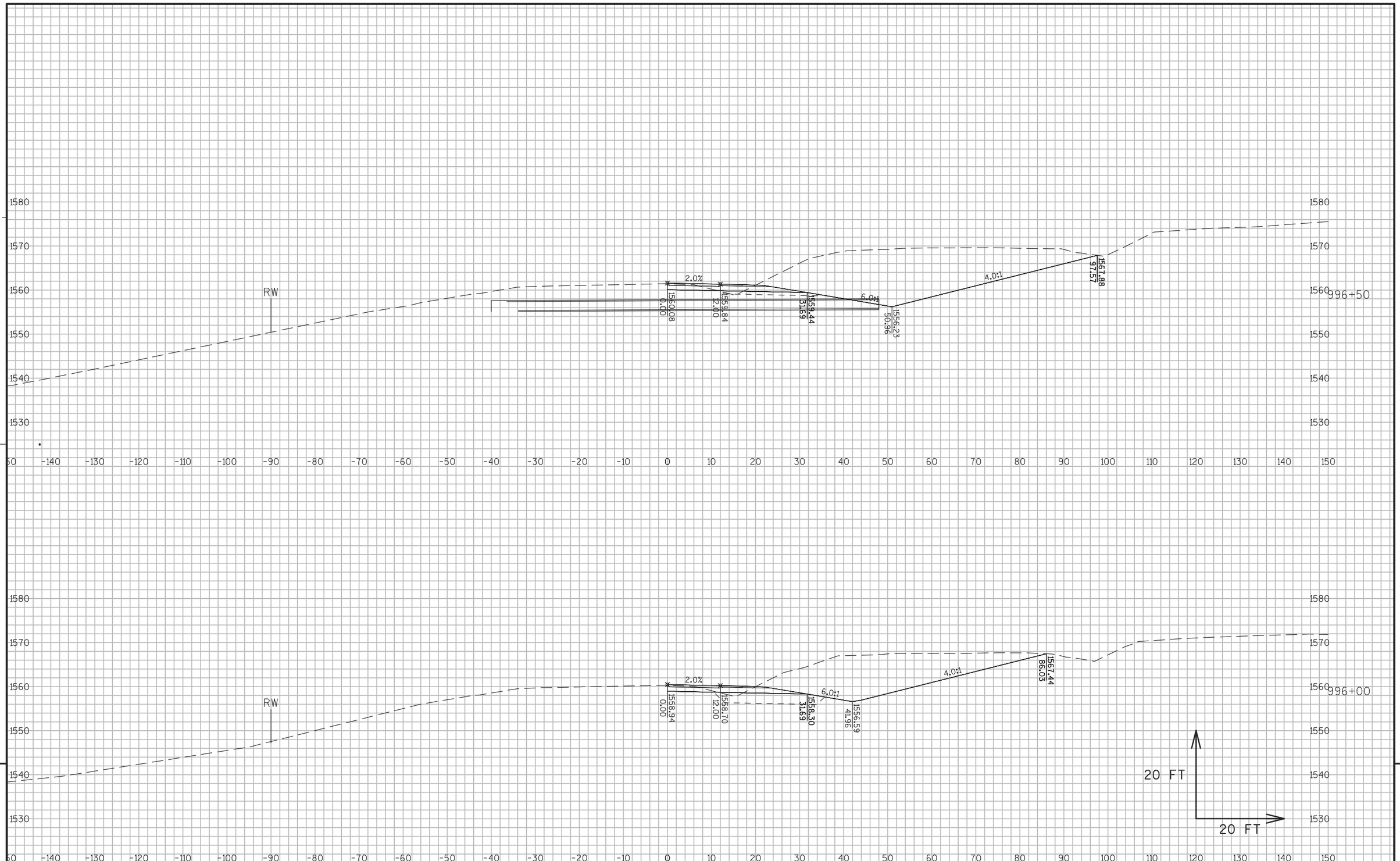
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 644	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (943)

PLOT DATE : 8/17/2015 2:03 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

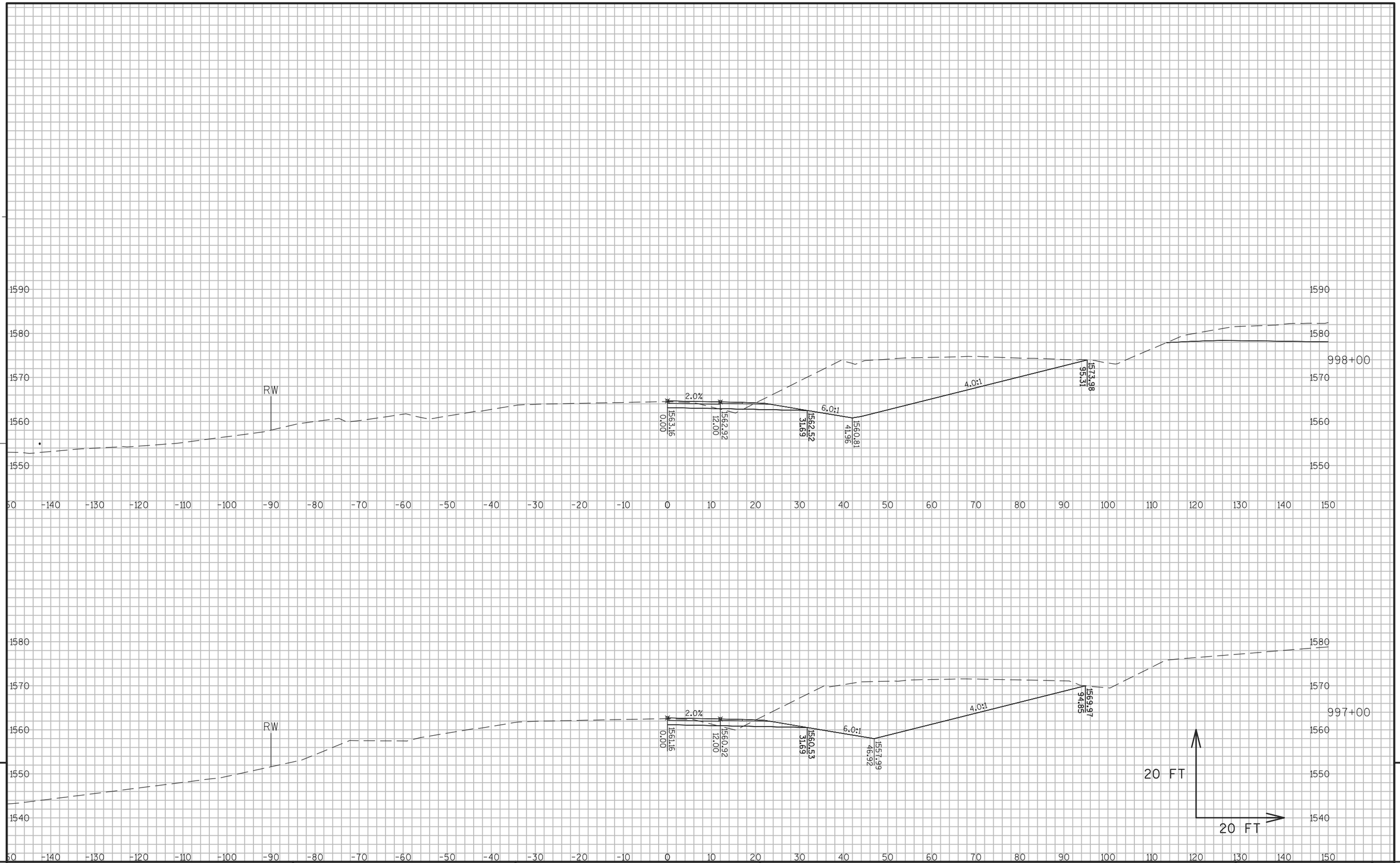


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 645	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (944)

PLOT DATE : 8/17/2015 2:03 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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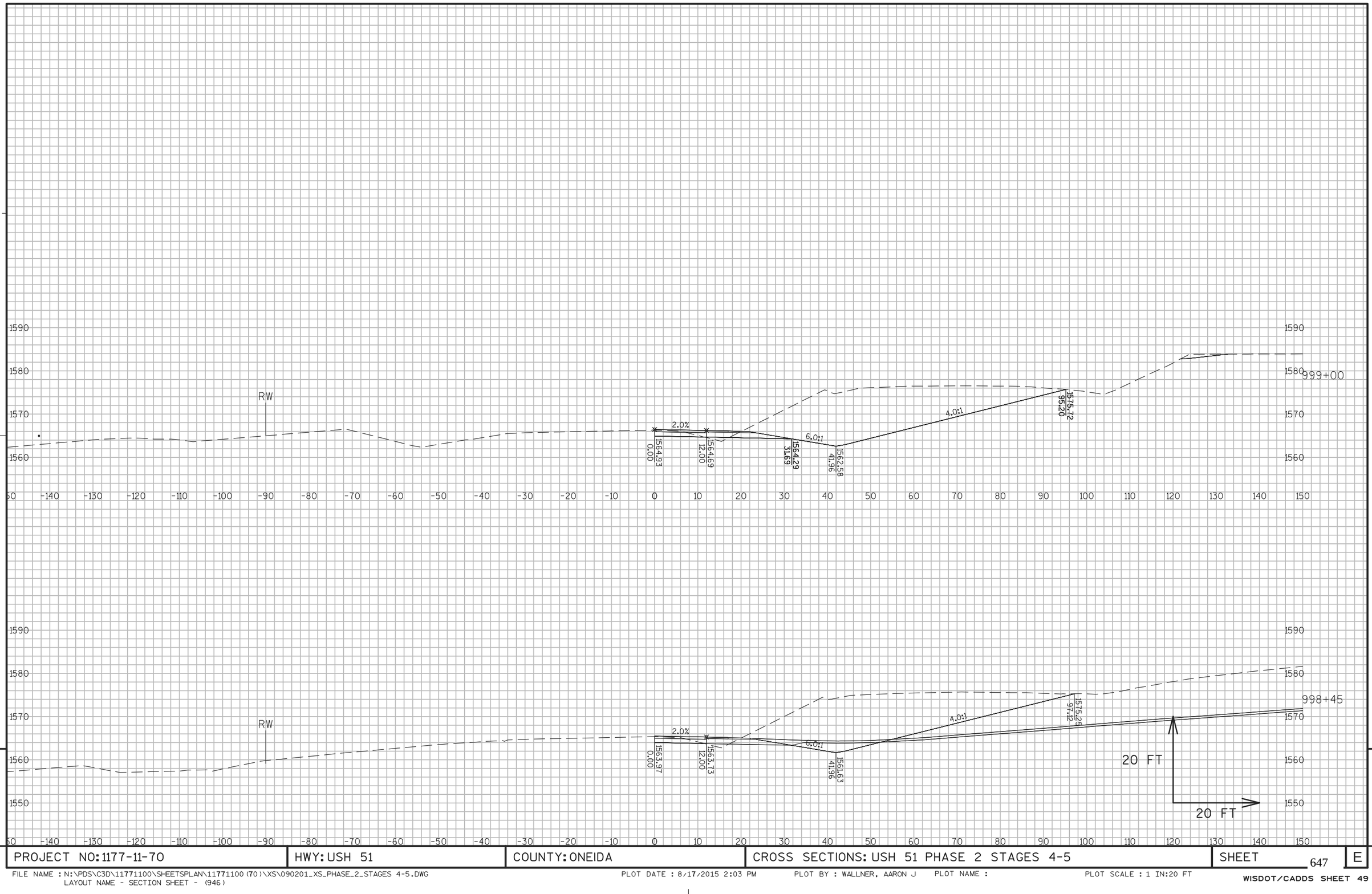
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 646	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (945)

PLOT DATE : 8/17/2015 2:03 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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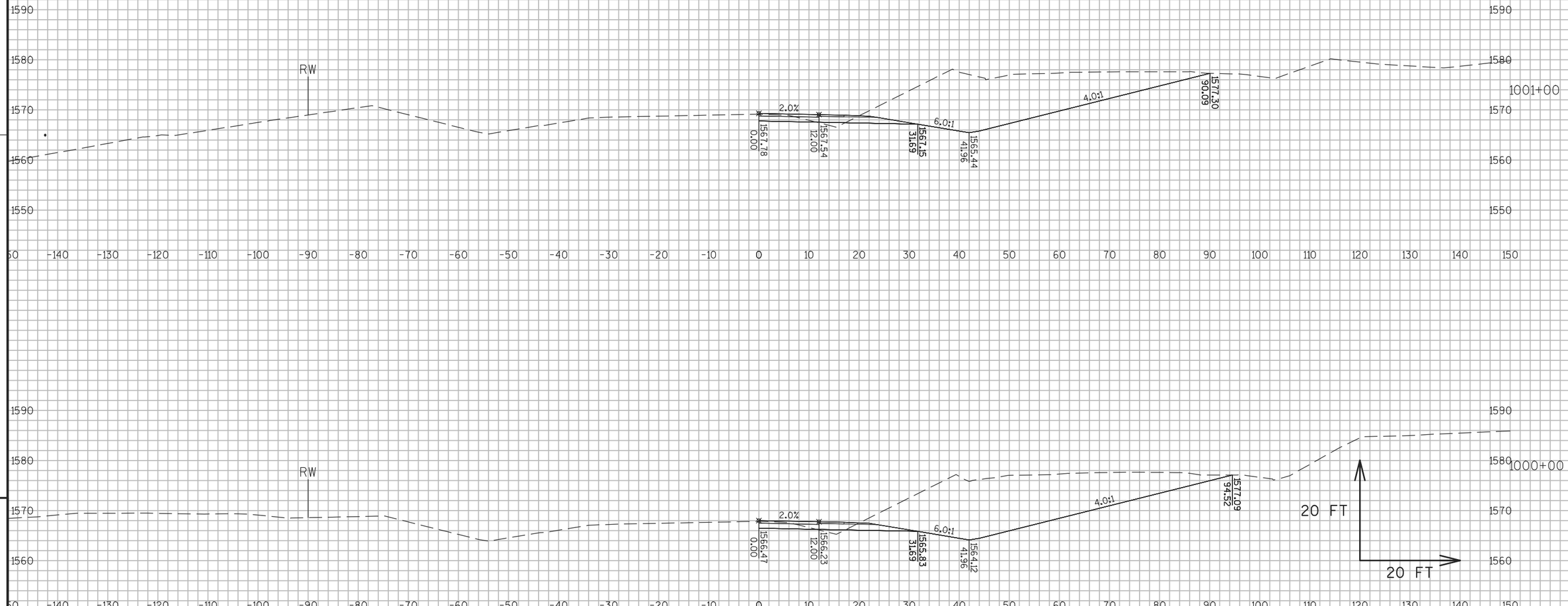
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 647	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (946)

PLOT DATE : 8/17/2015 2:03 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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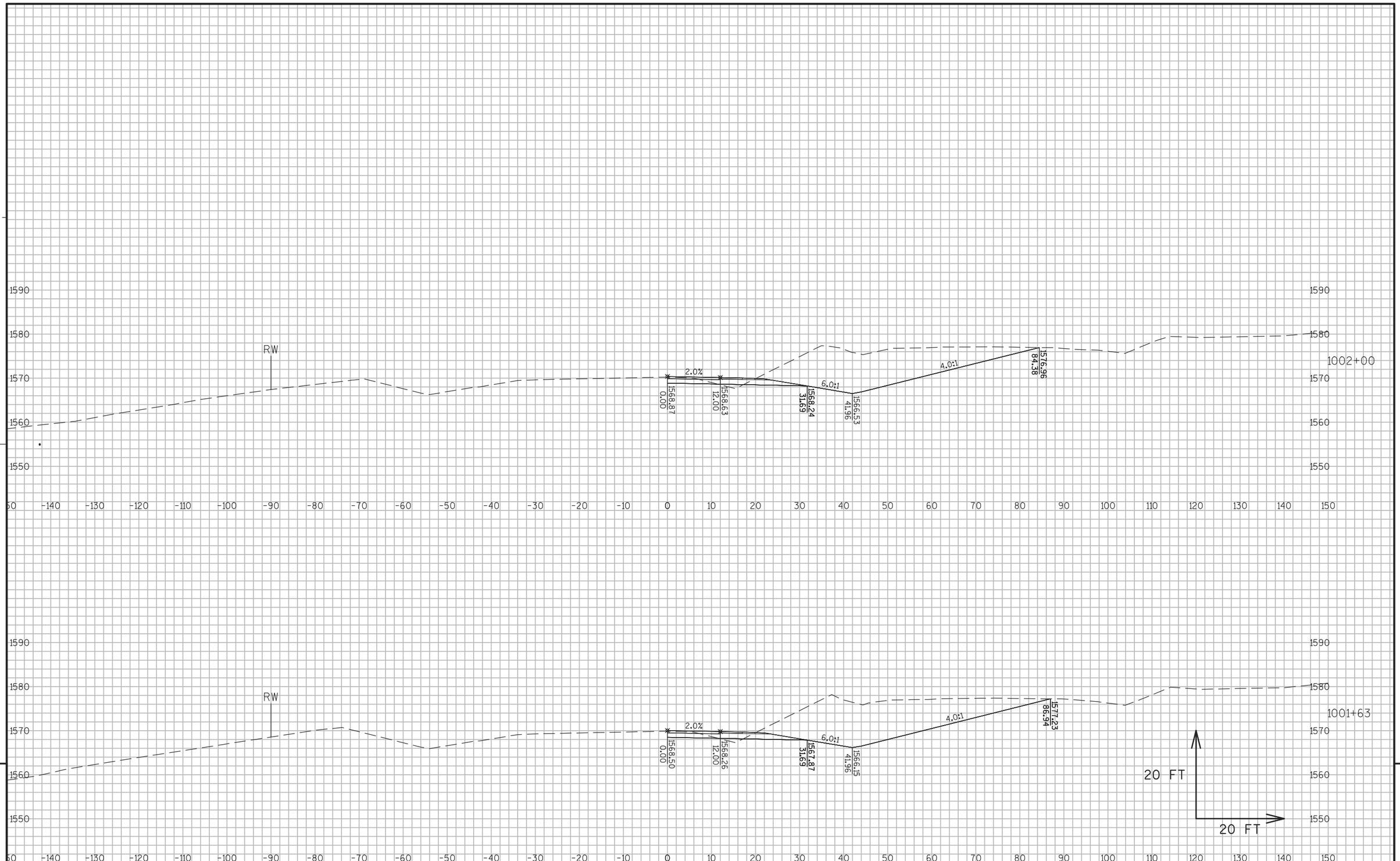
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 648	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (947)

PLOT DATE : 8/17/2015 2:03 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

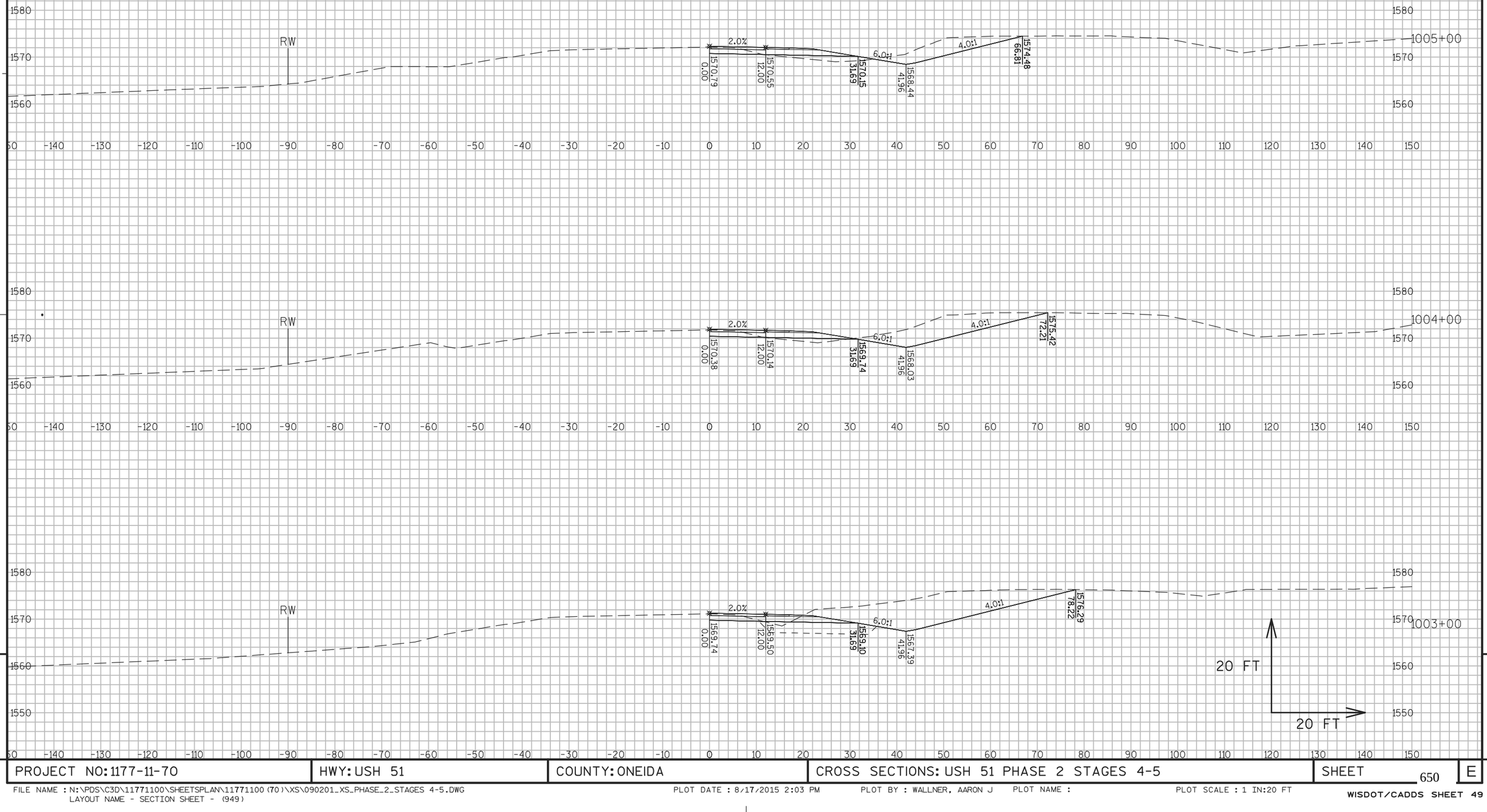
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 649	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (948)

PLOT DATE : 8/17/2015 2:03 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

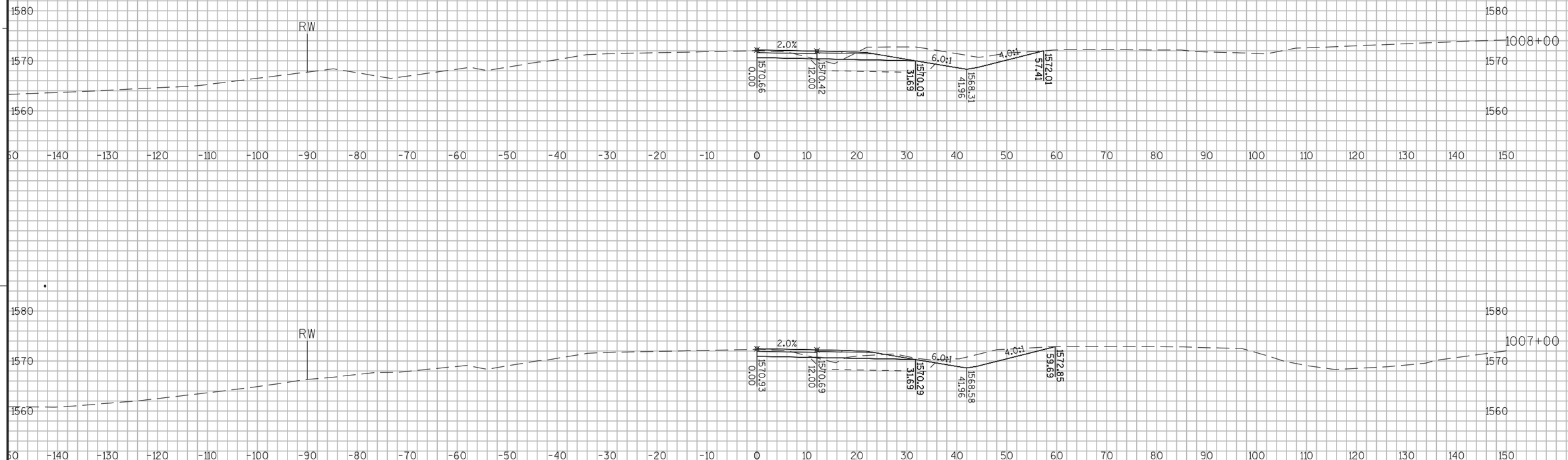


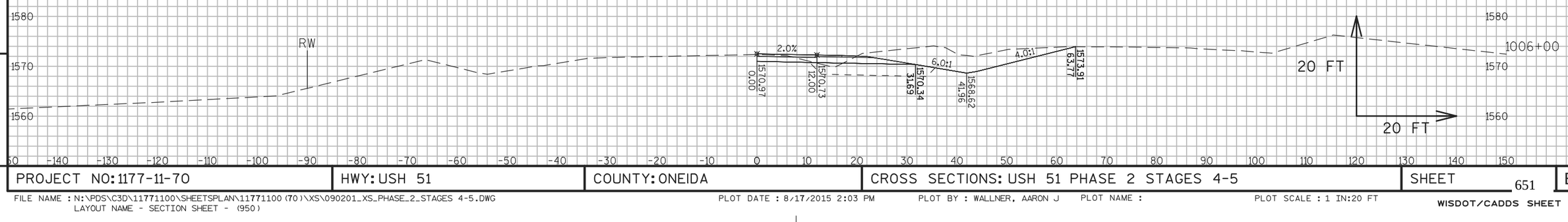
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 650	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (949)

PLOT DATE : 8/17/2015 2:03 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





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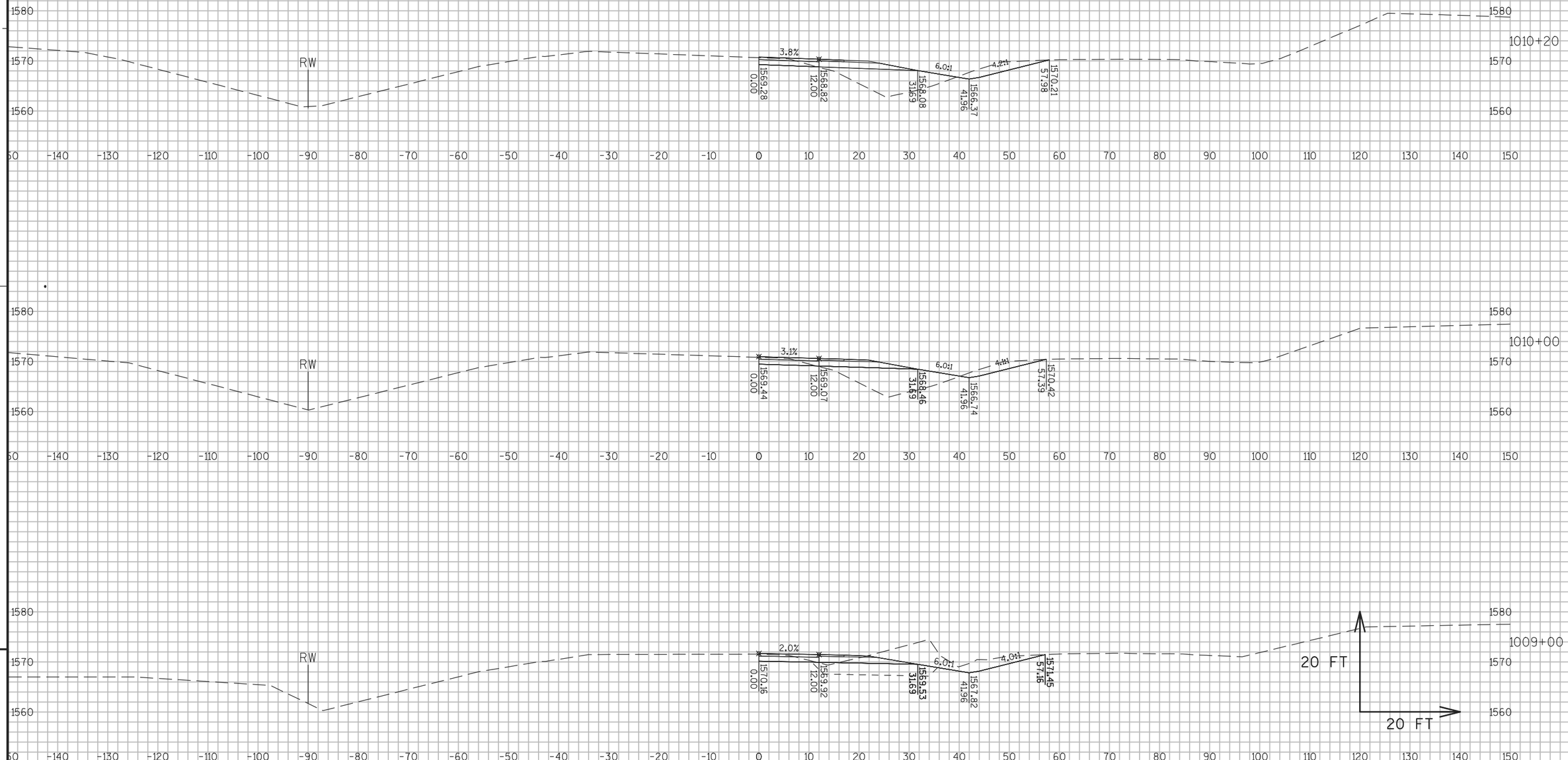
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 651	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (950)

PLOT DATE : 8/17/2015 2:03 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

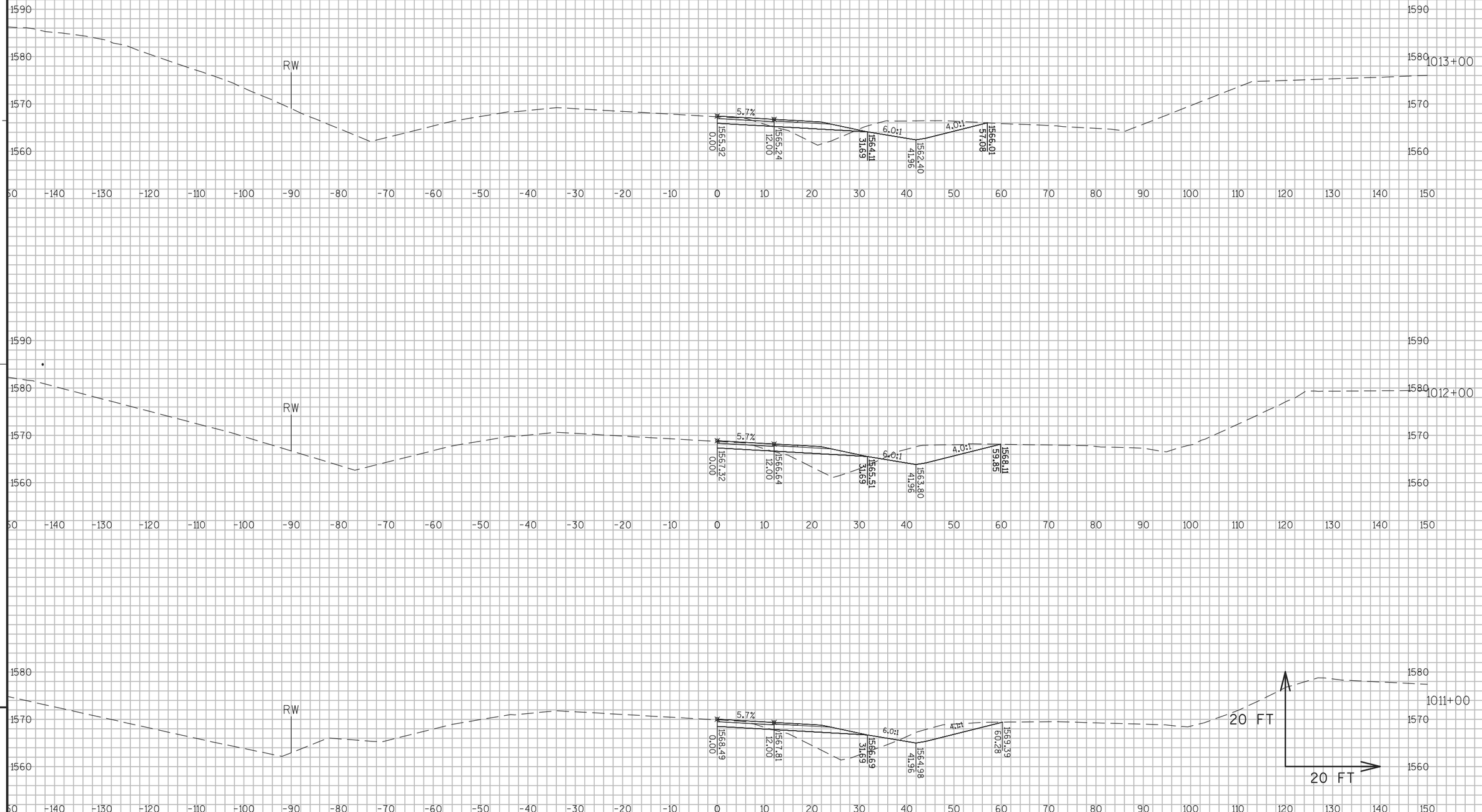


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 652	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (951)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

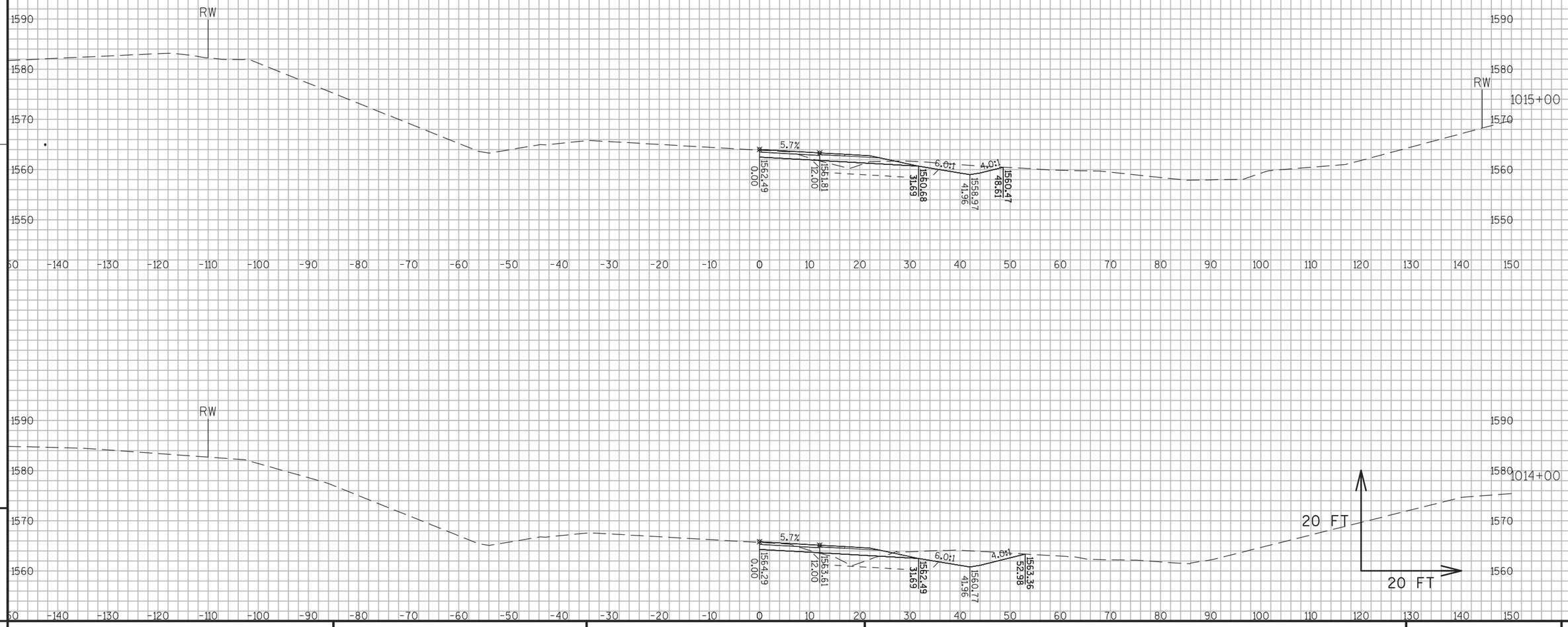


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 653	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (952)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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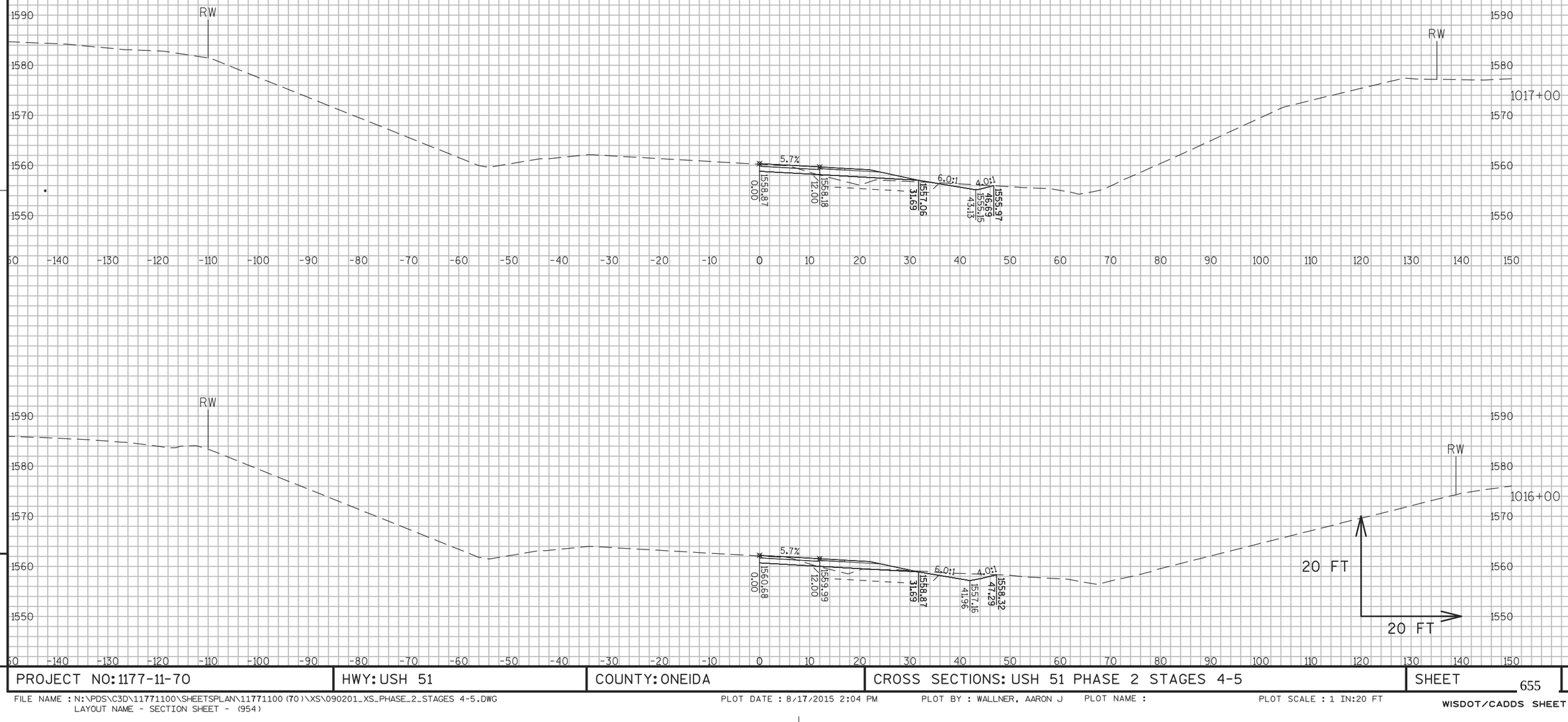
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 654	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (953)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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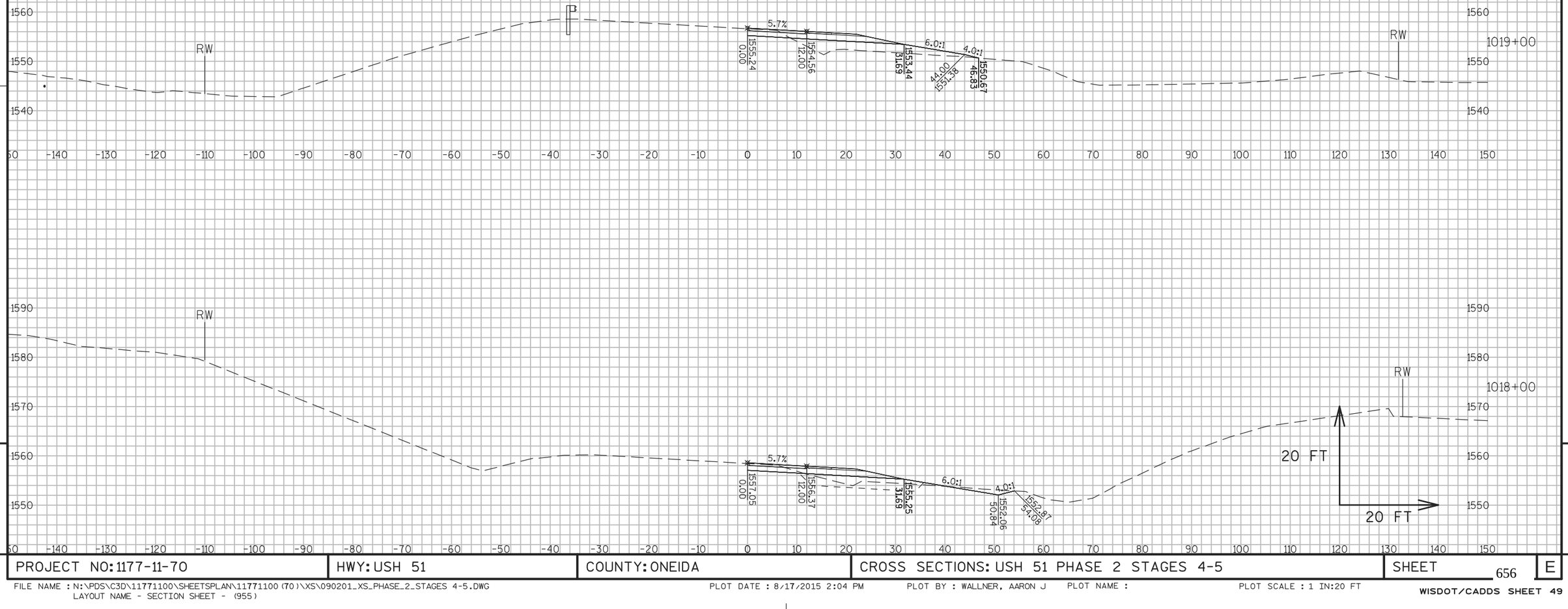
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 655	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (954)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

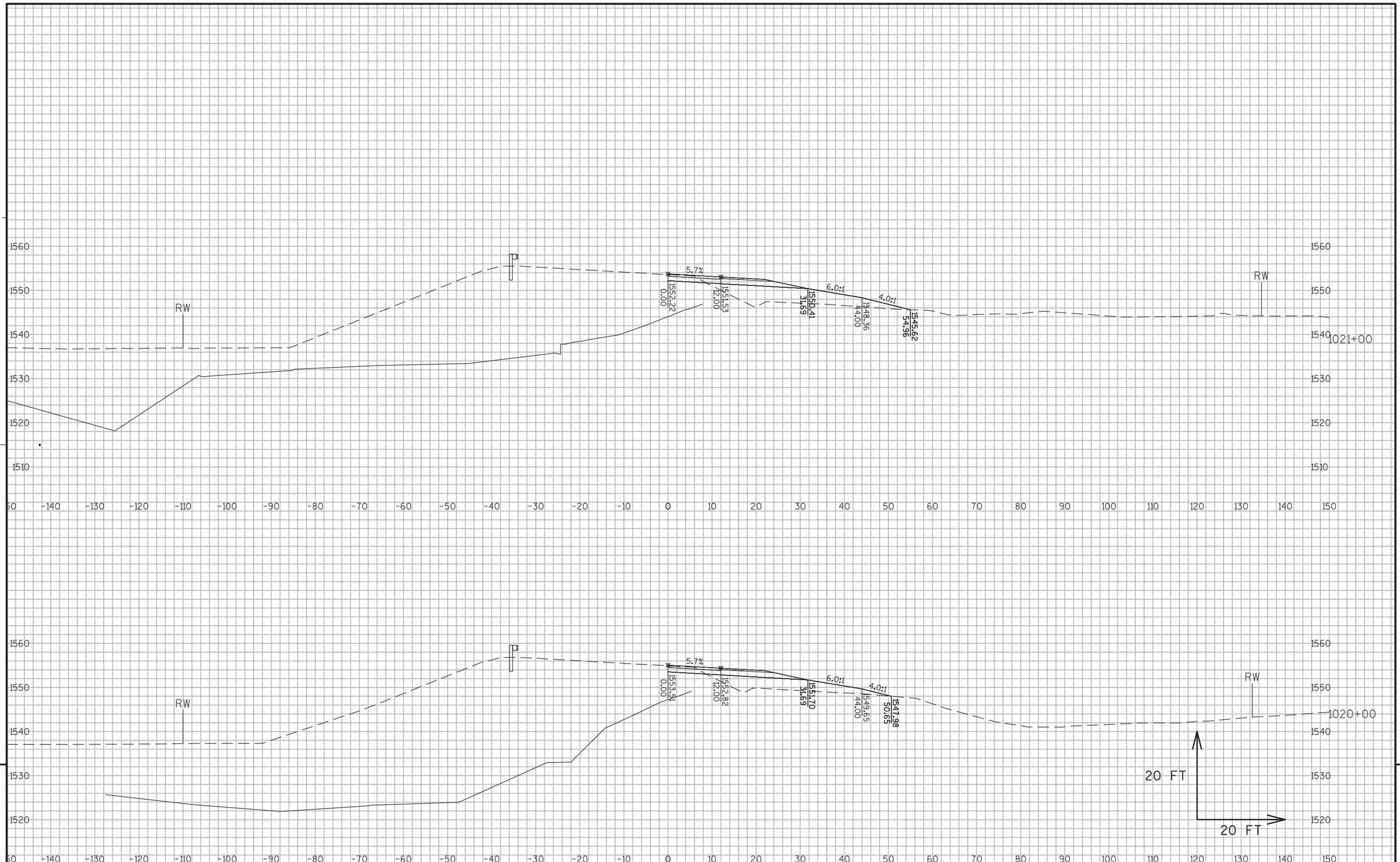
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 656	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (955)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

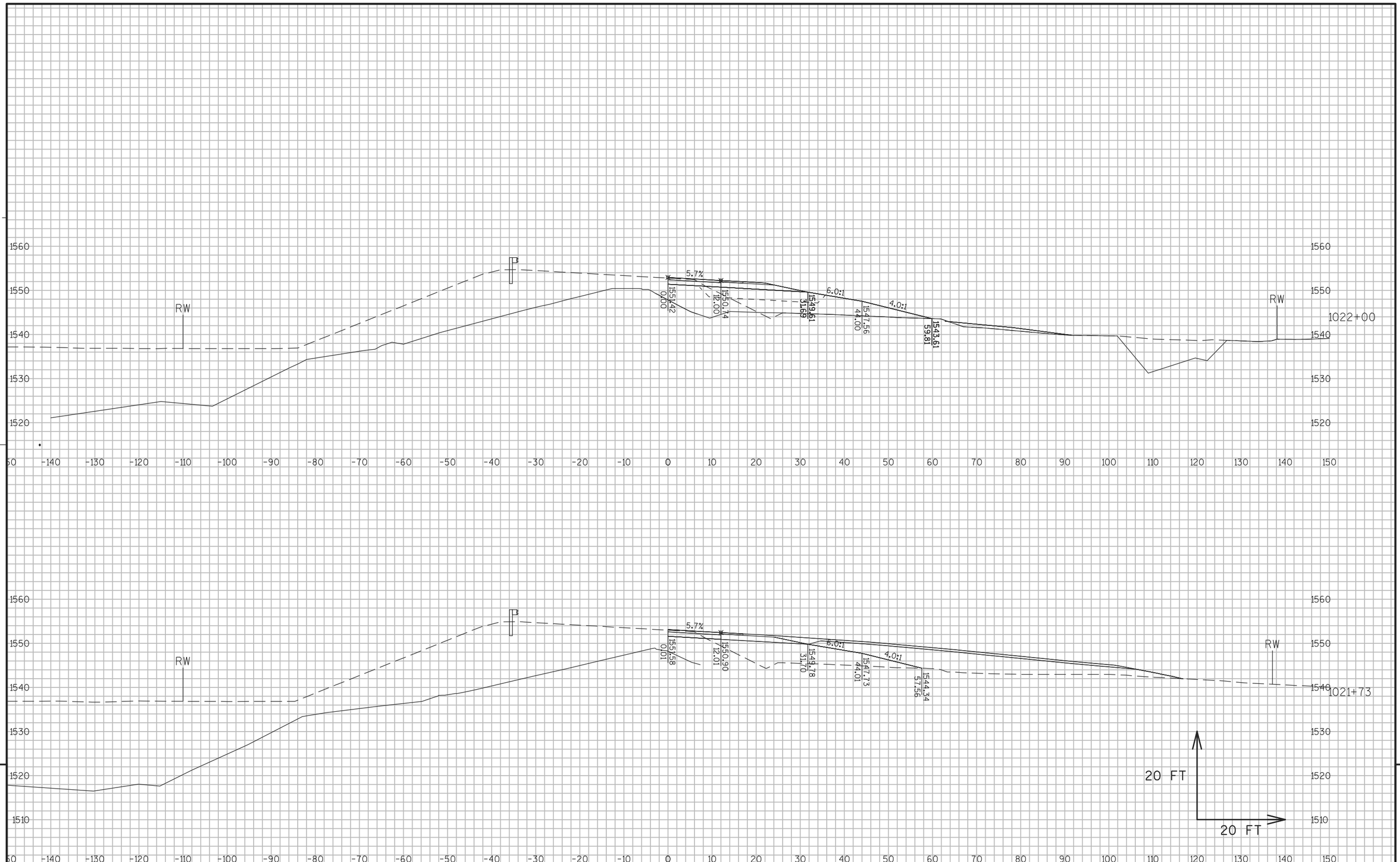
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 657	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (956)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

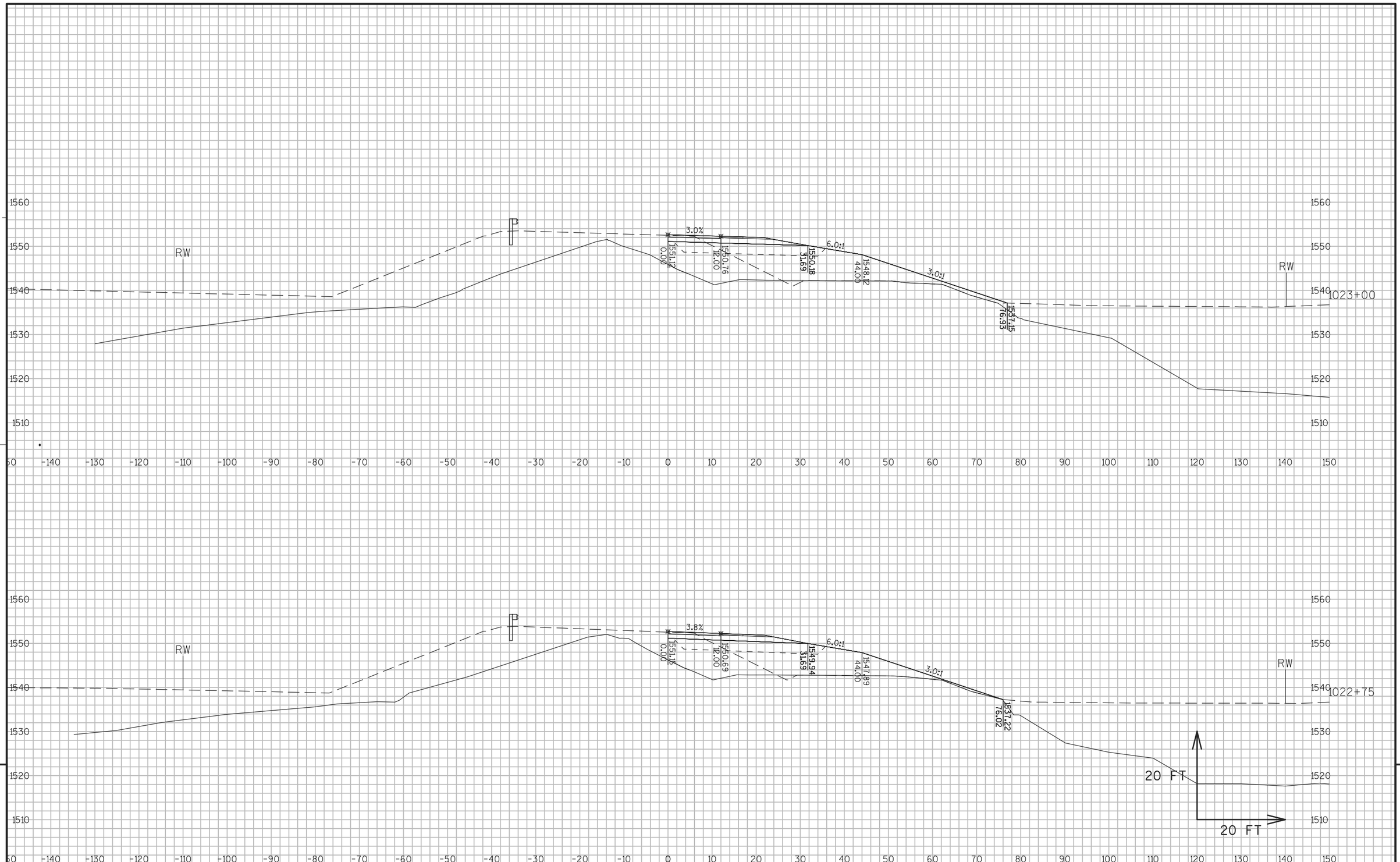


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 658 E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (957)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

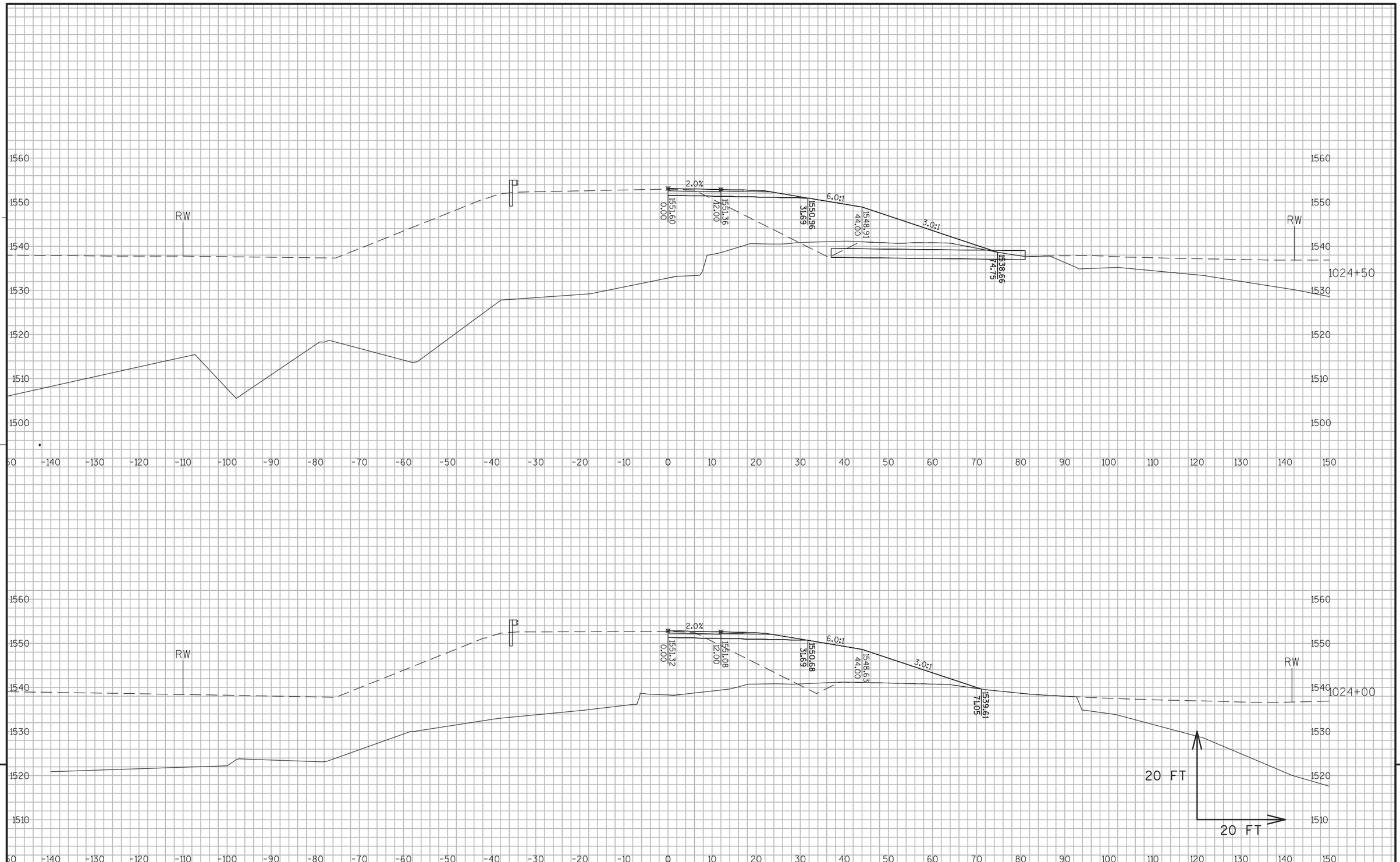


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 659	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (958)
PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

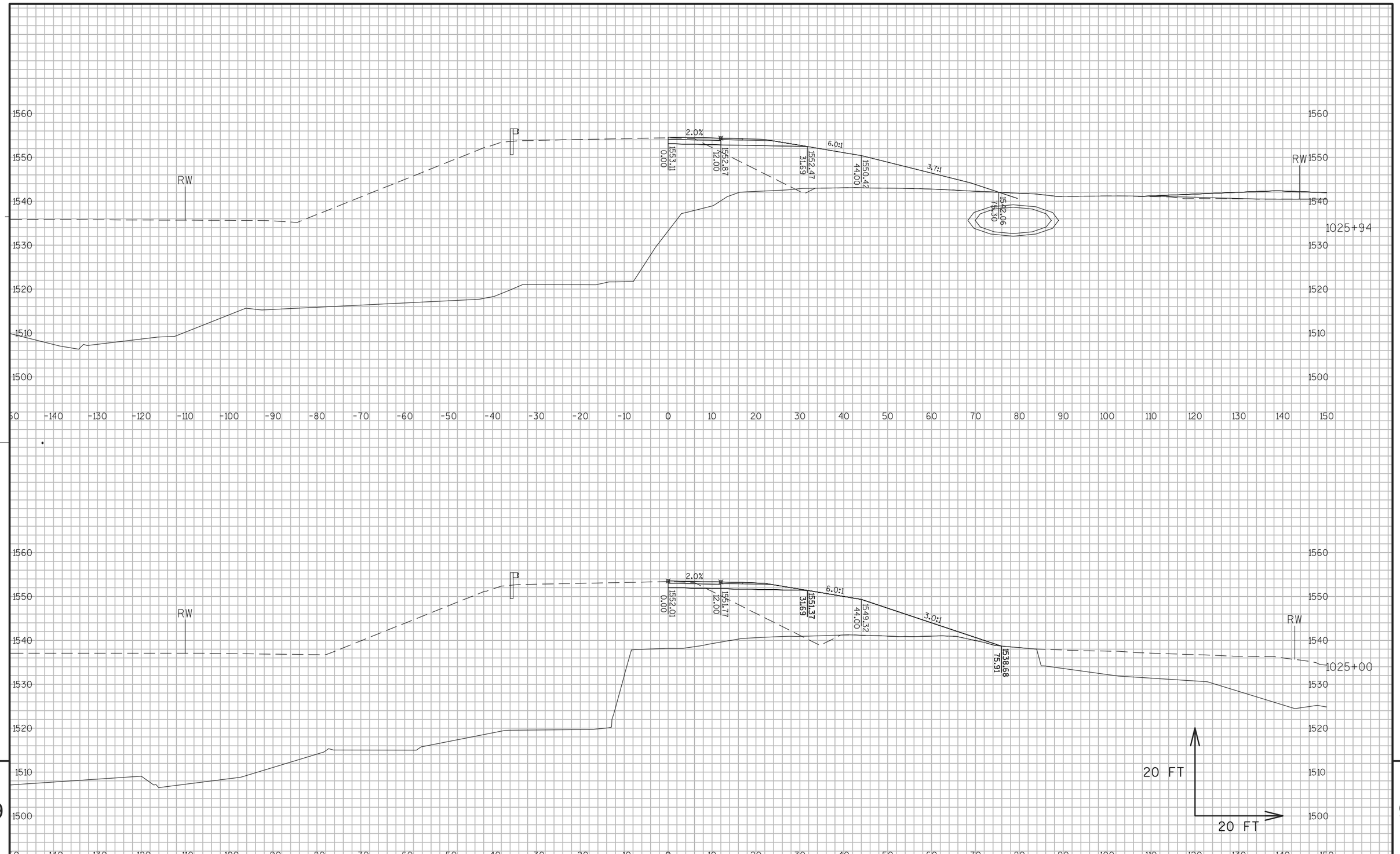


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 660	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (959)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

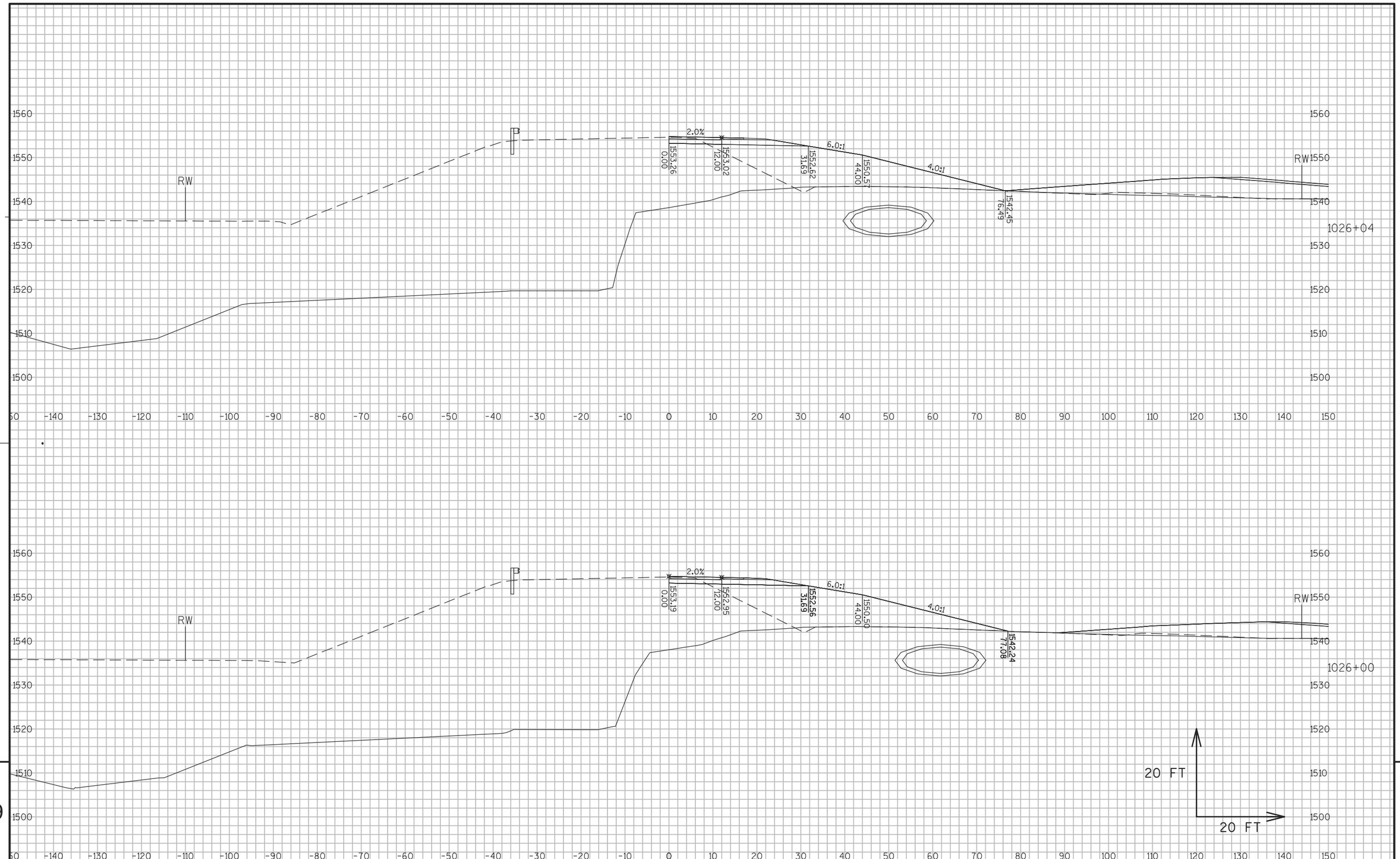


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 661	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (960)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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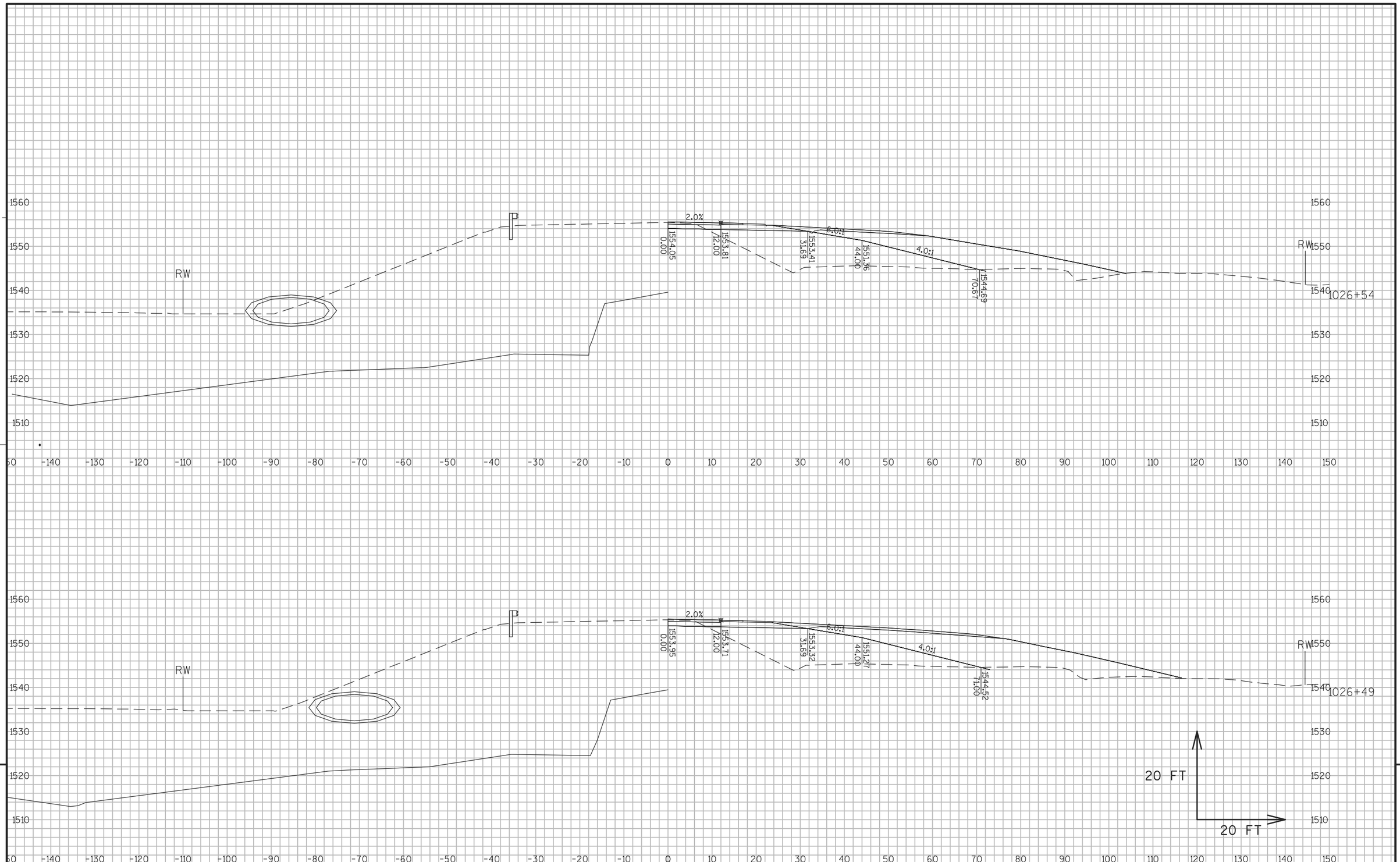
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 662	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (961)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

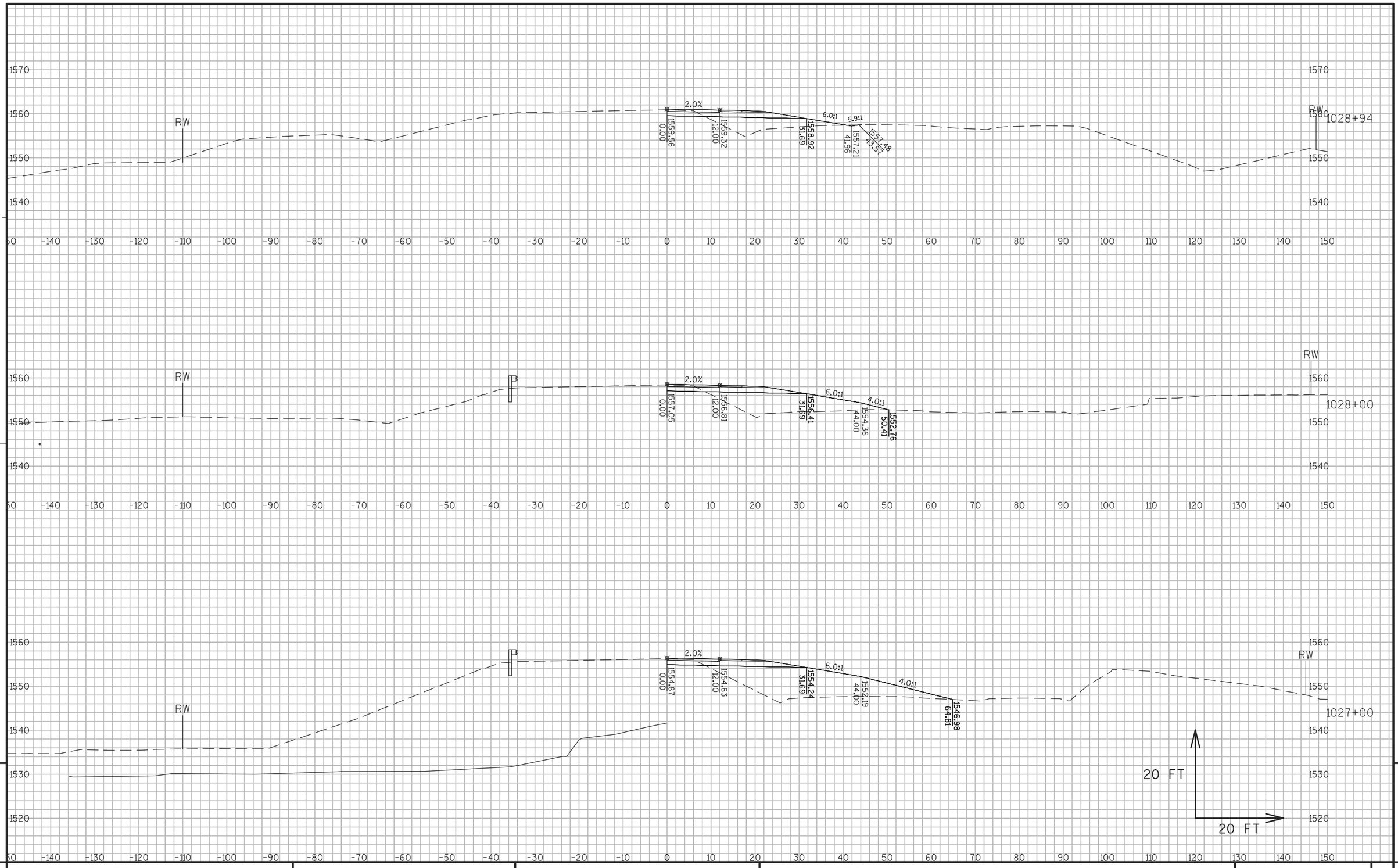


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 663	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (962)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



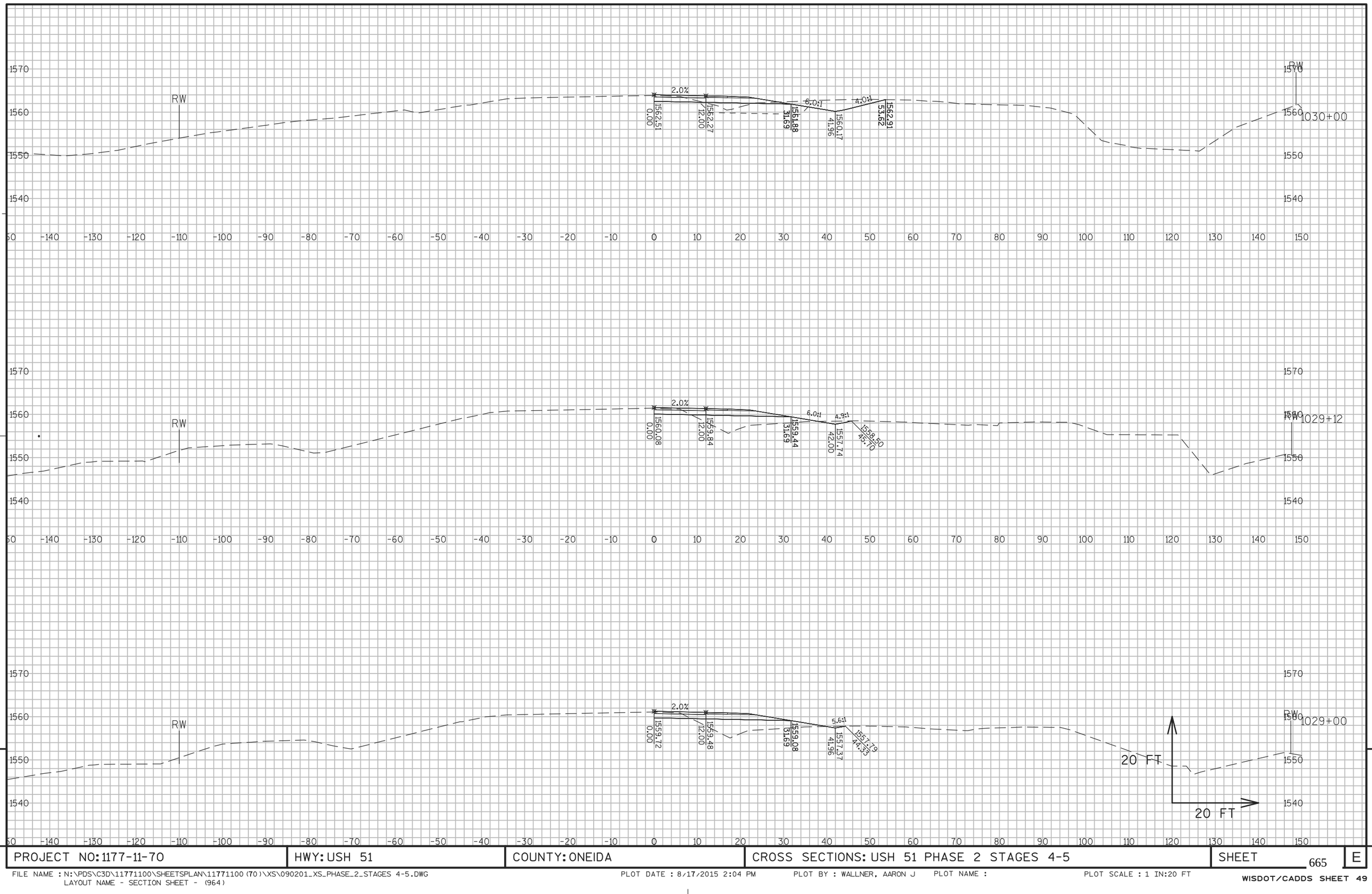
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 664	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (963)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

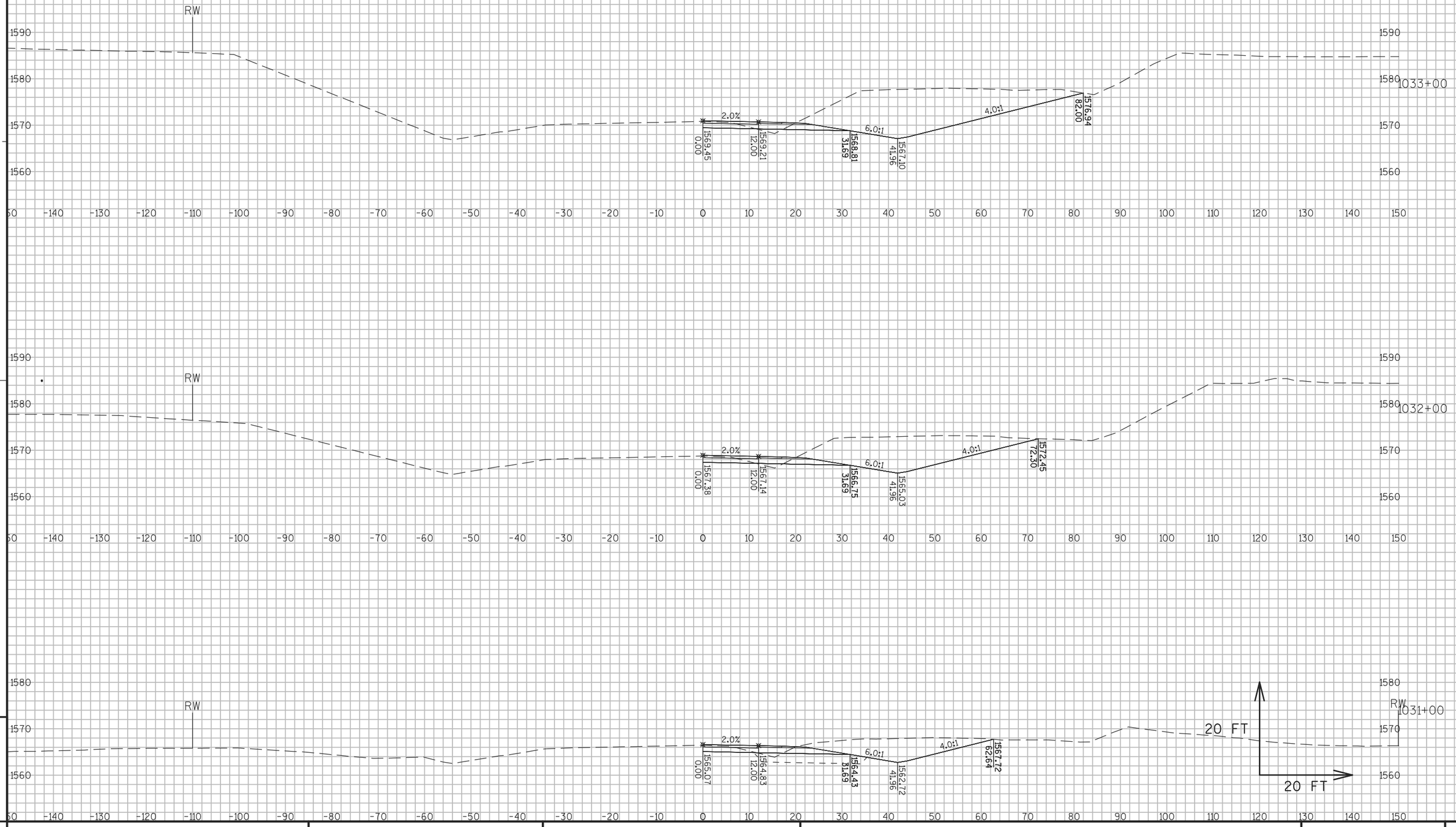


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 665	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (964)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



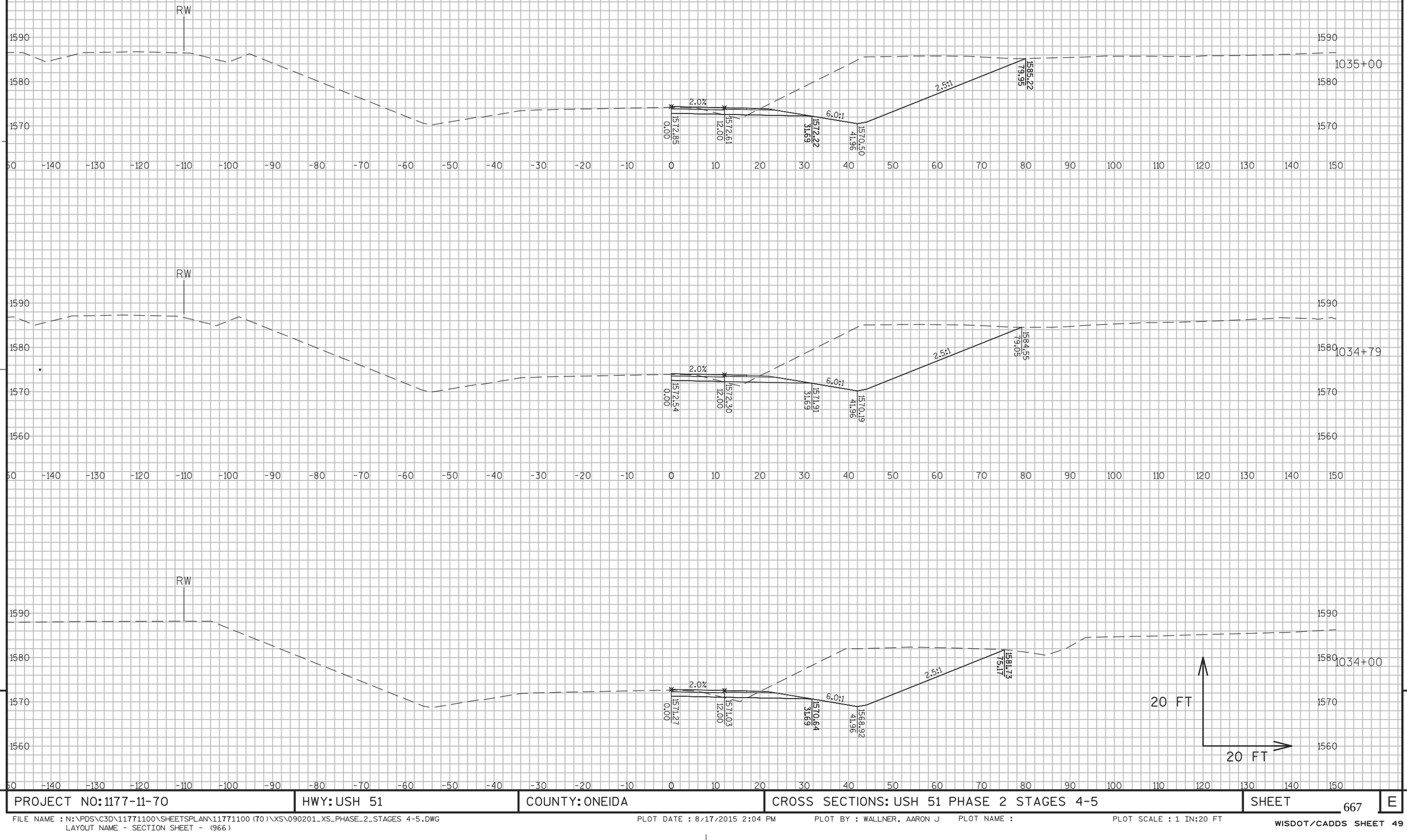
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 666	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (965)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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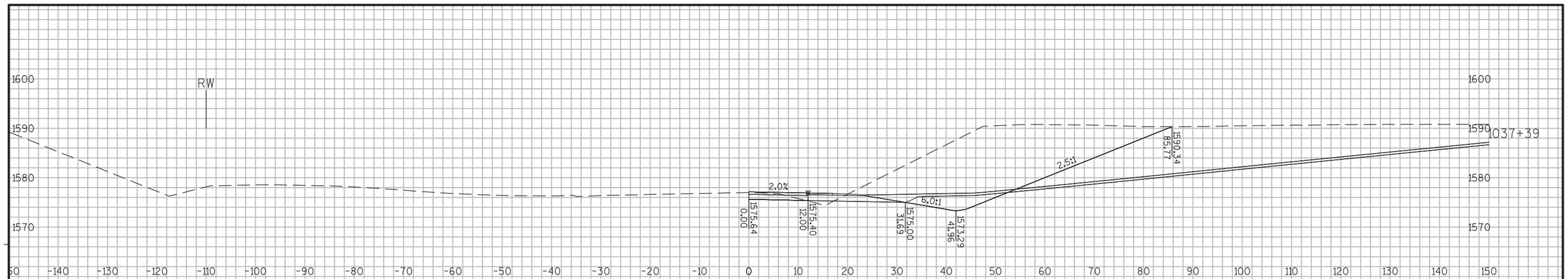
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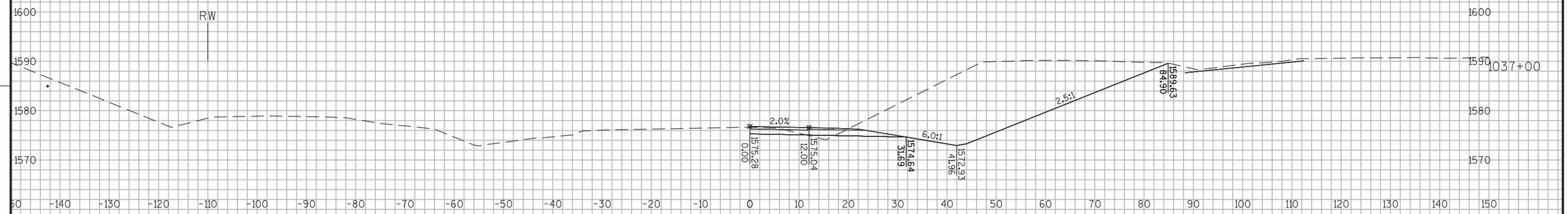
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 667	E

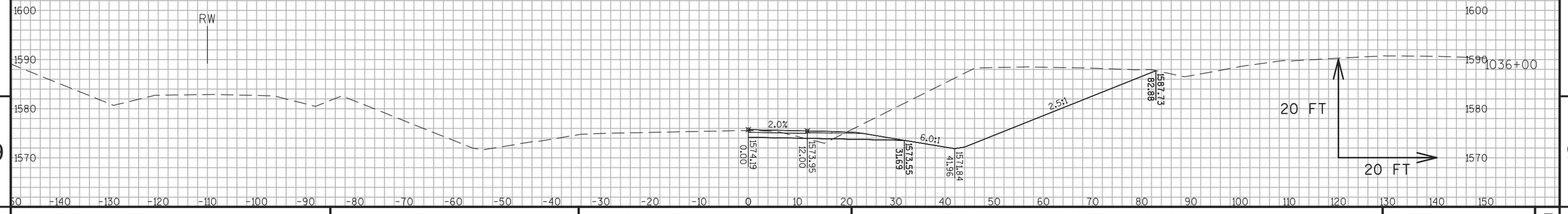
FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (966)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49







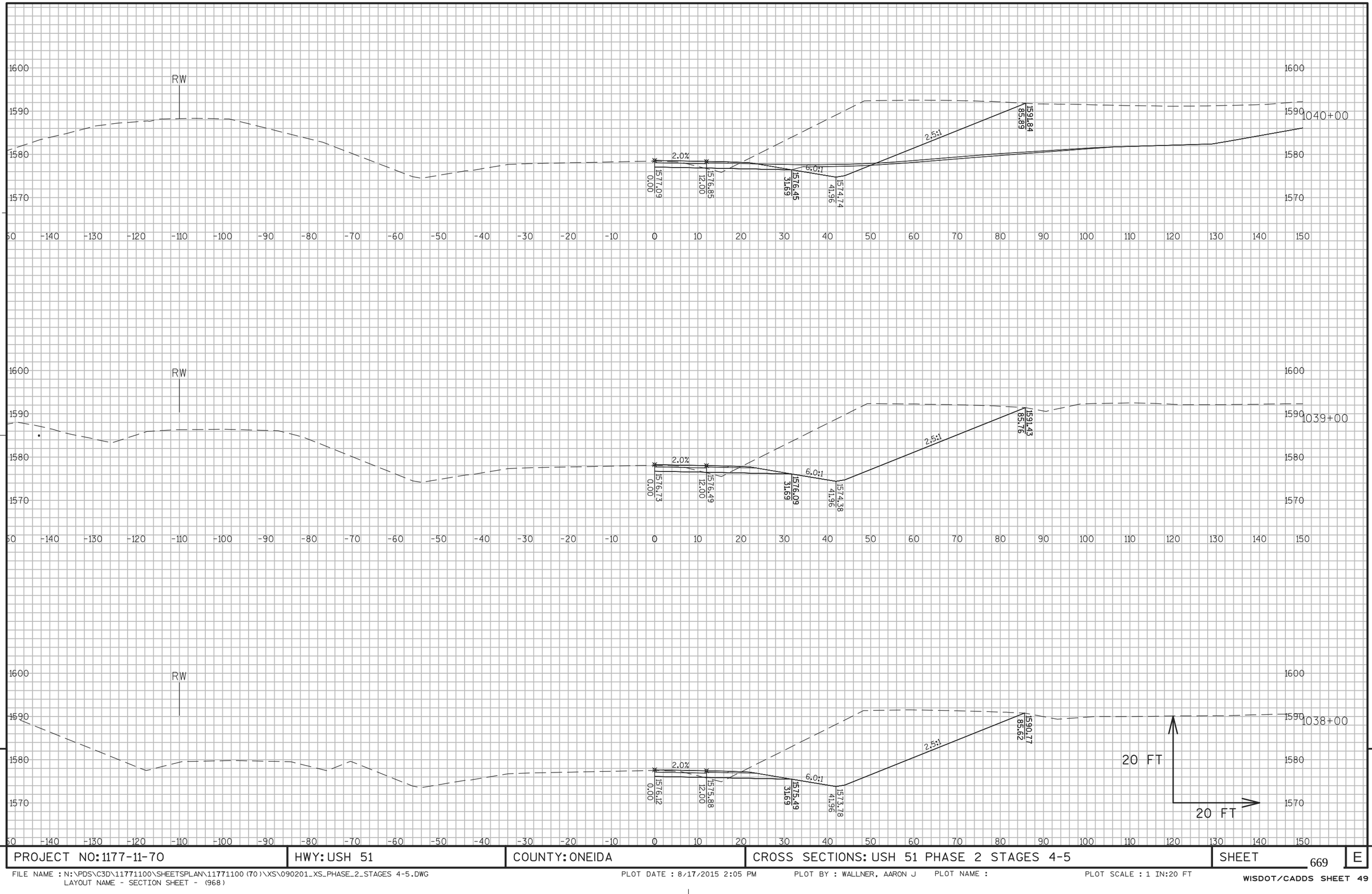
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 668	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (967)

PLOT DATE : 8/17/2015 2:04 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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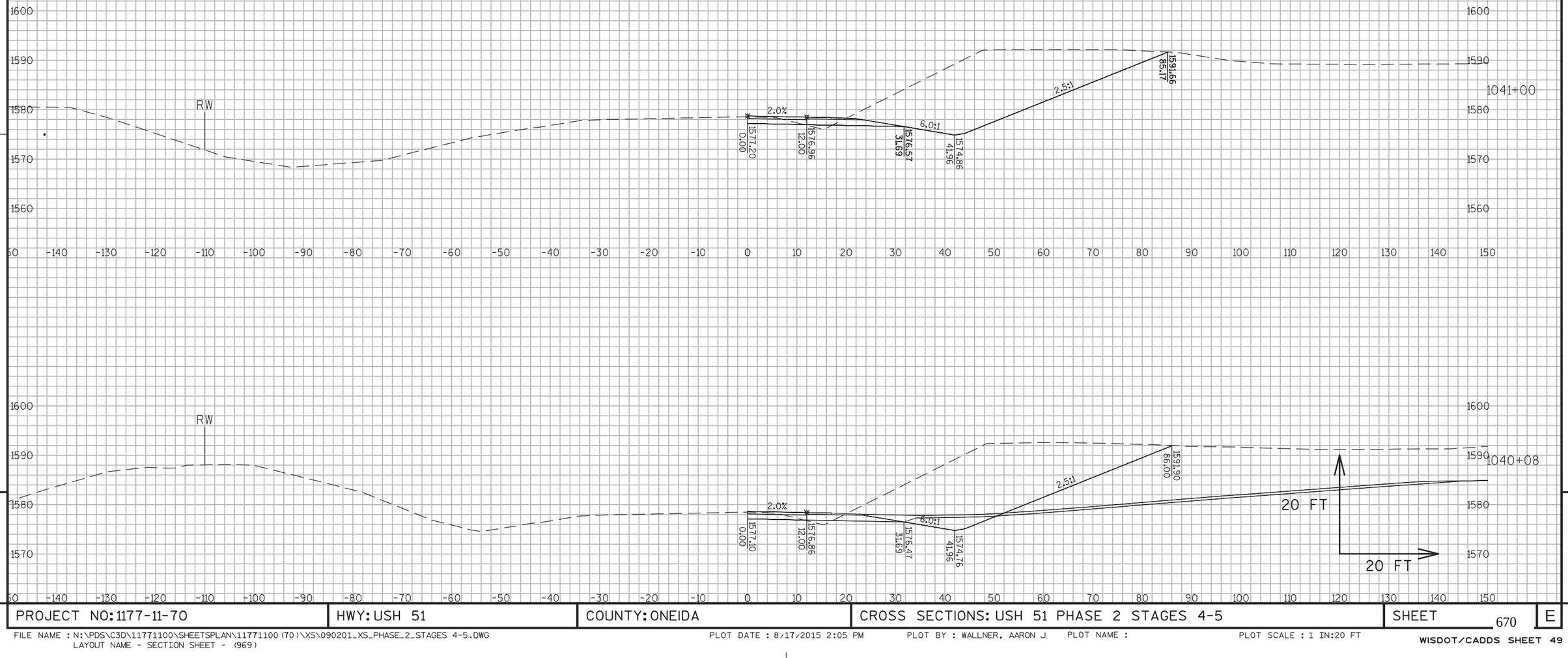
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 669	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (968)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

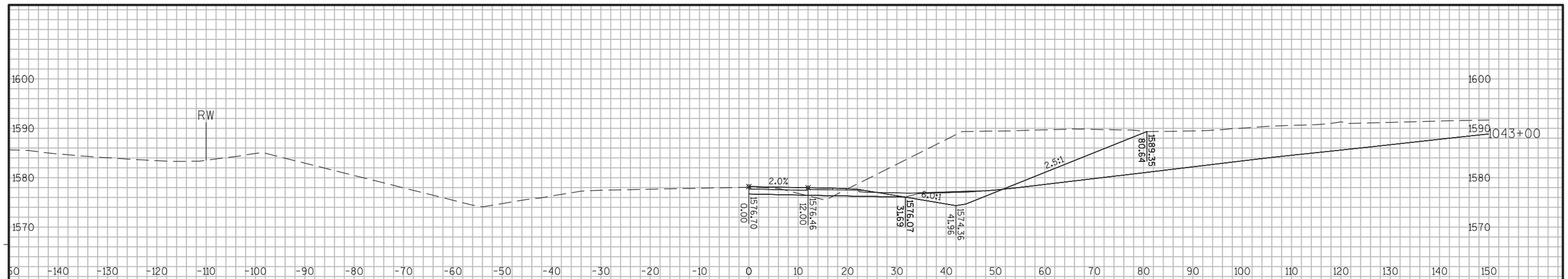


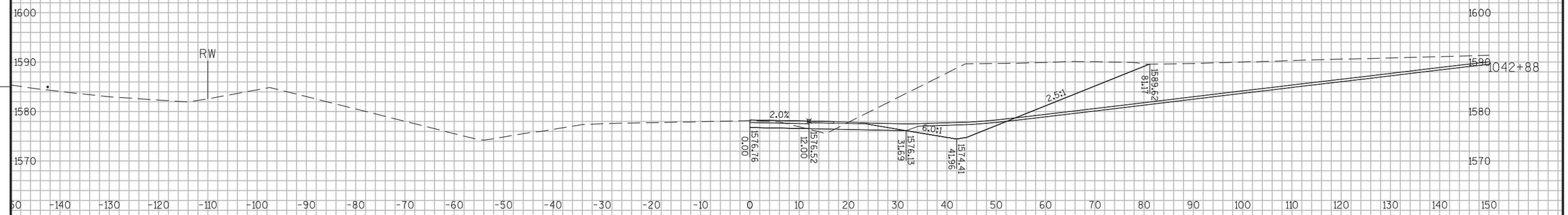
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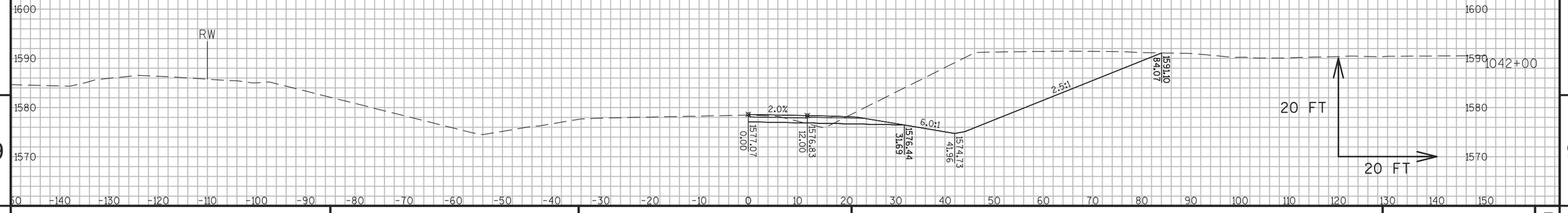
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 670	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (969)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT







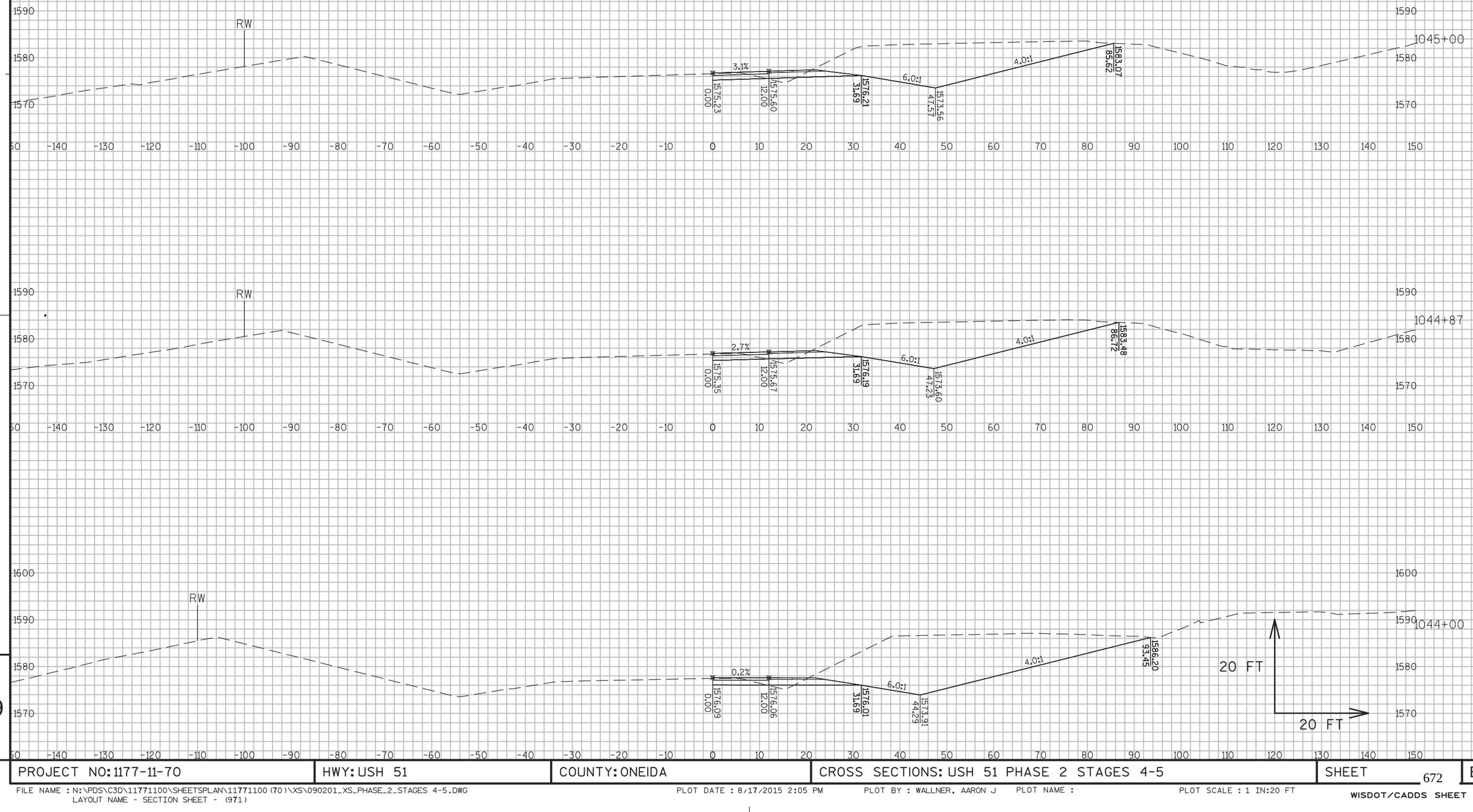
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 671	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (970)

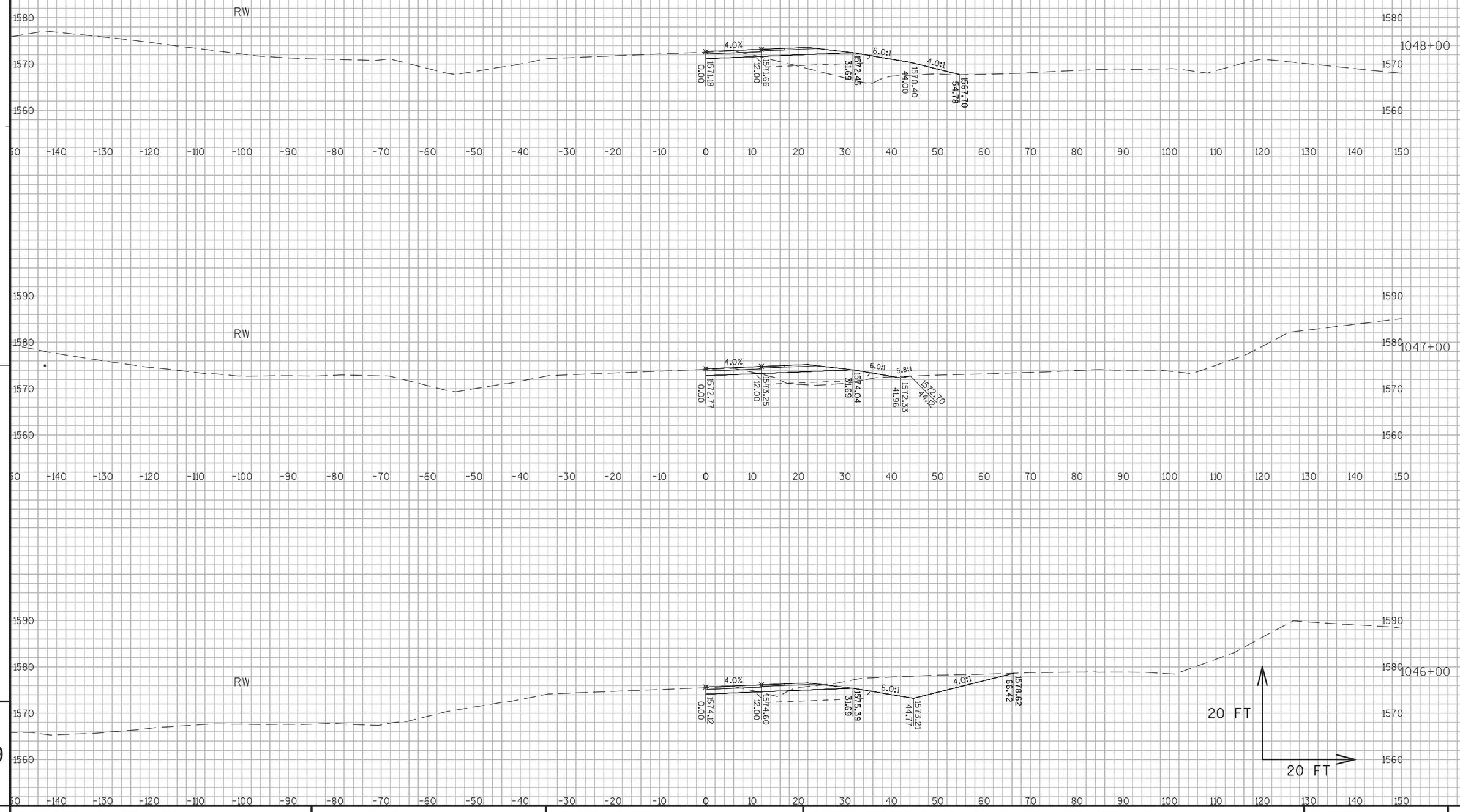
PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 672	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (971)

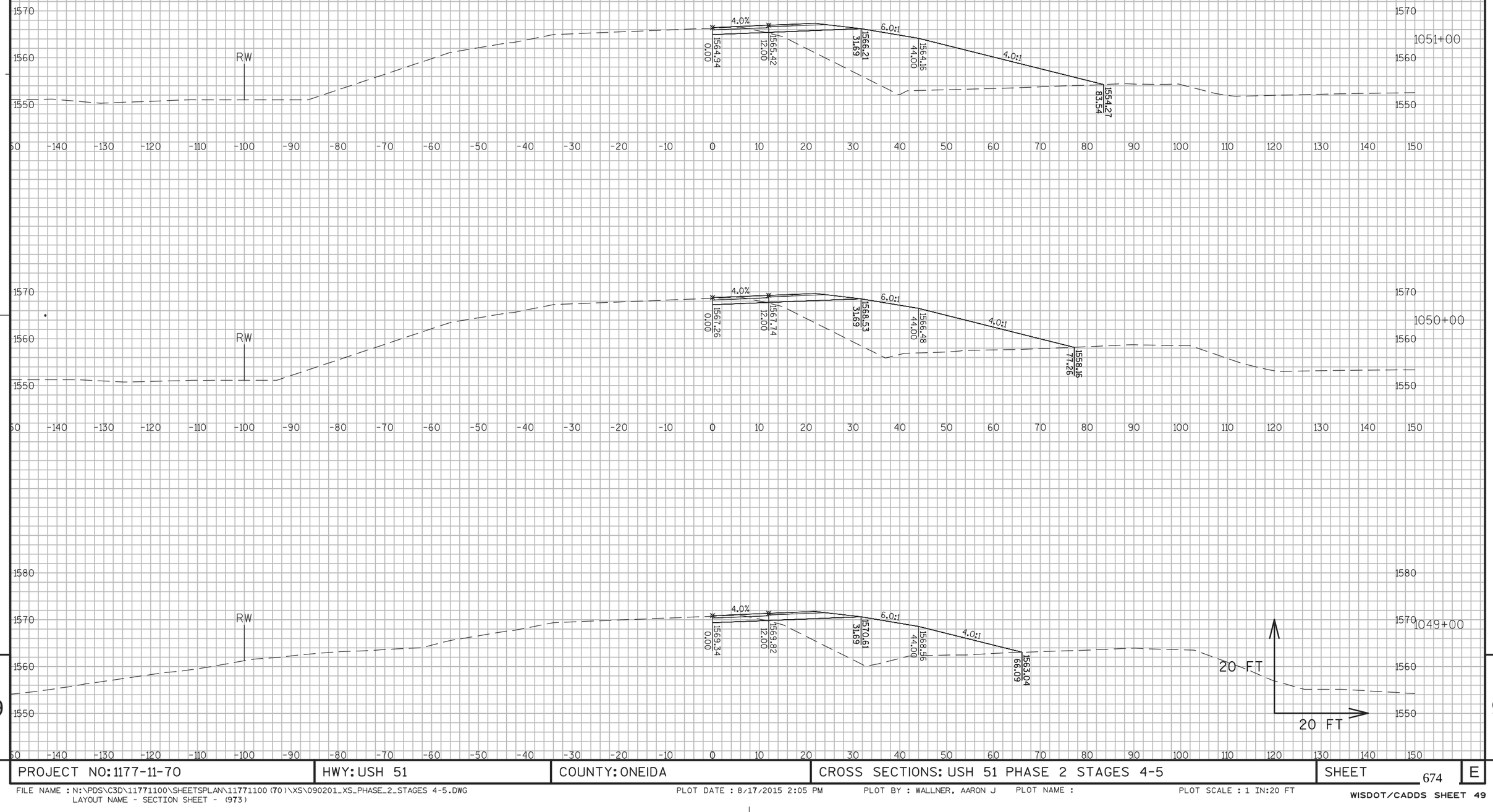
PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 673	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (972)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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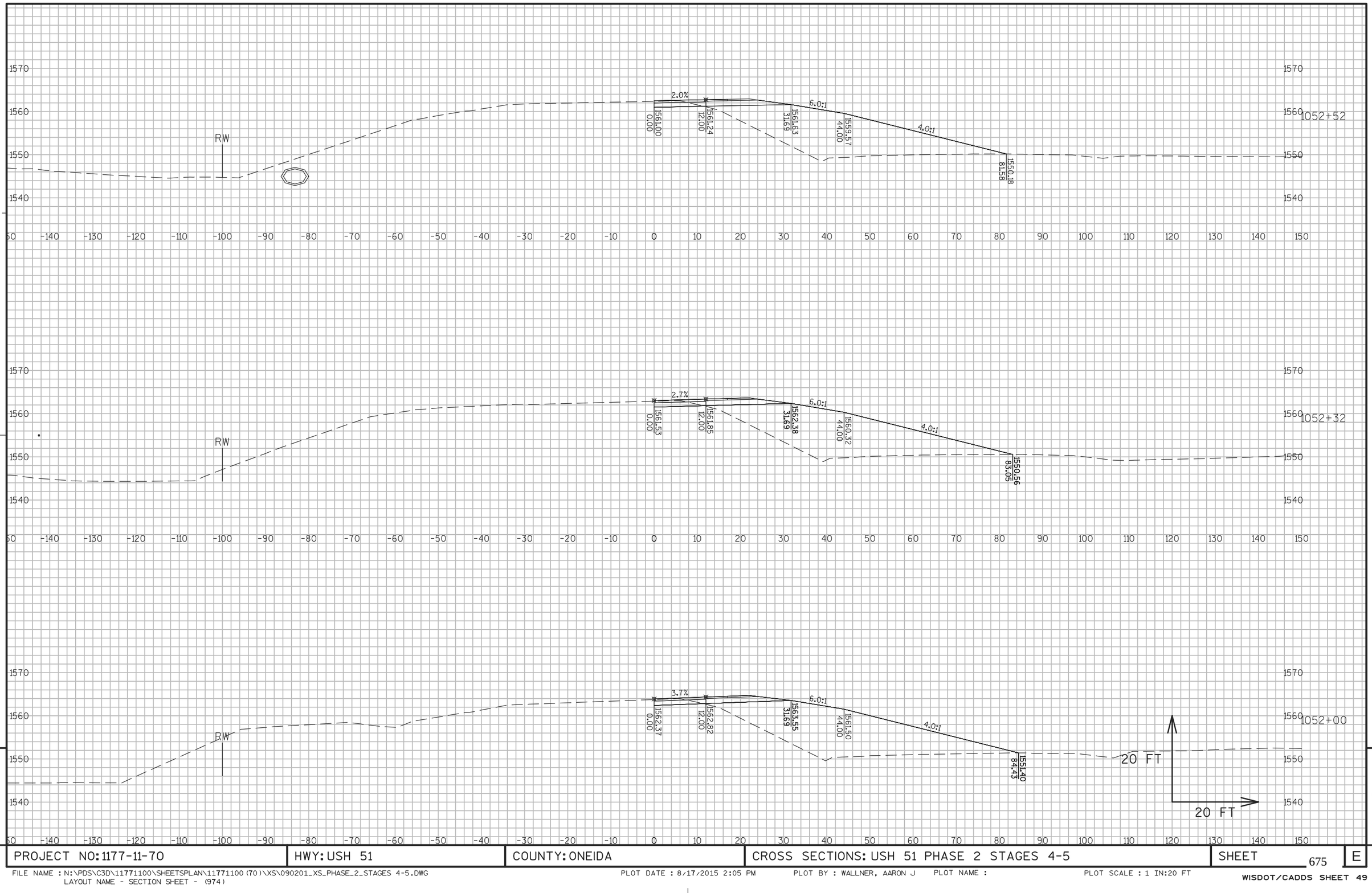
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 674	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (973)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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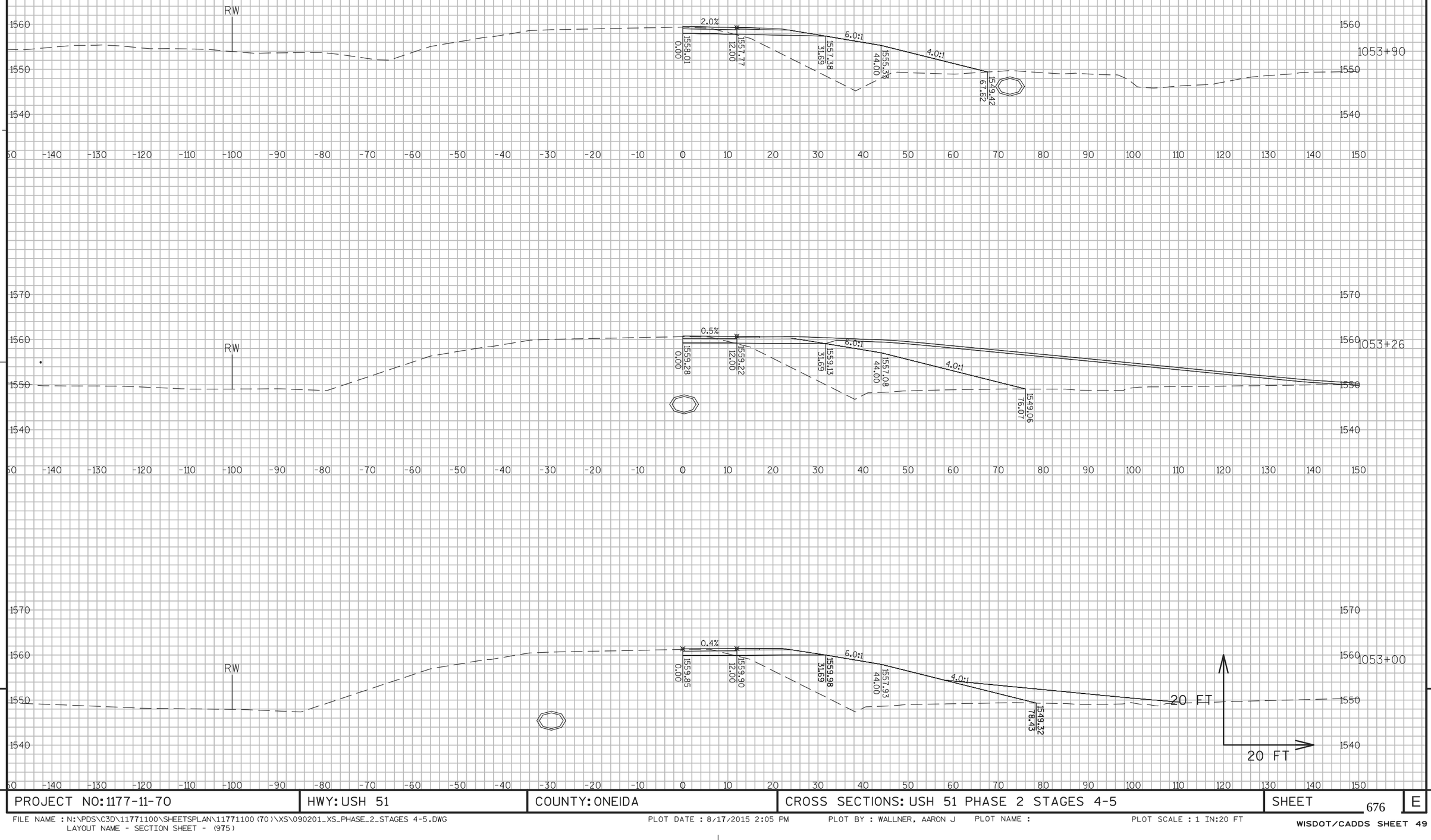
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 675	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (974)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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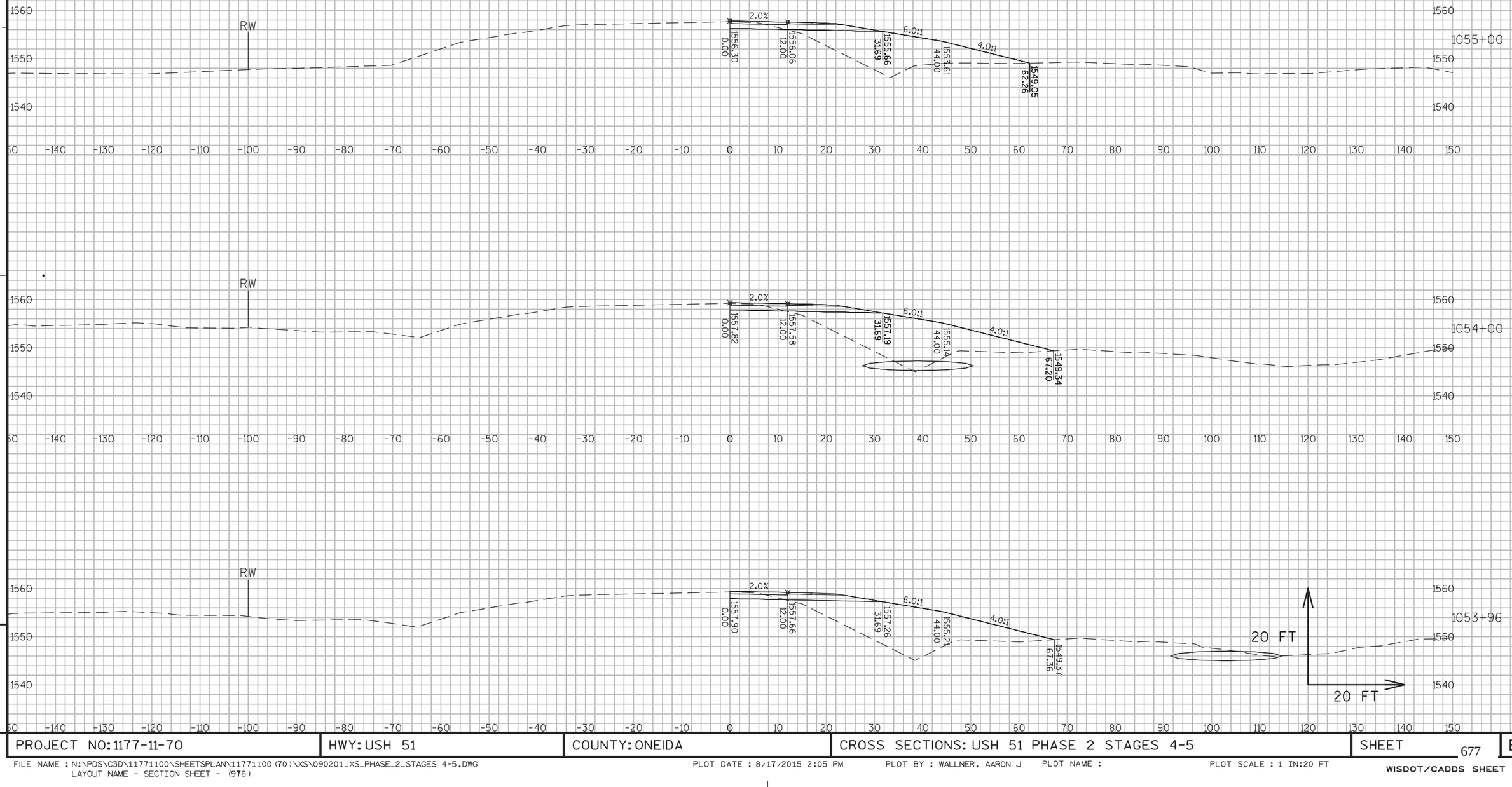
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 676	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (975)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

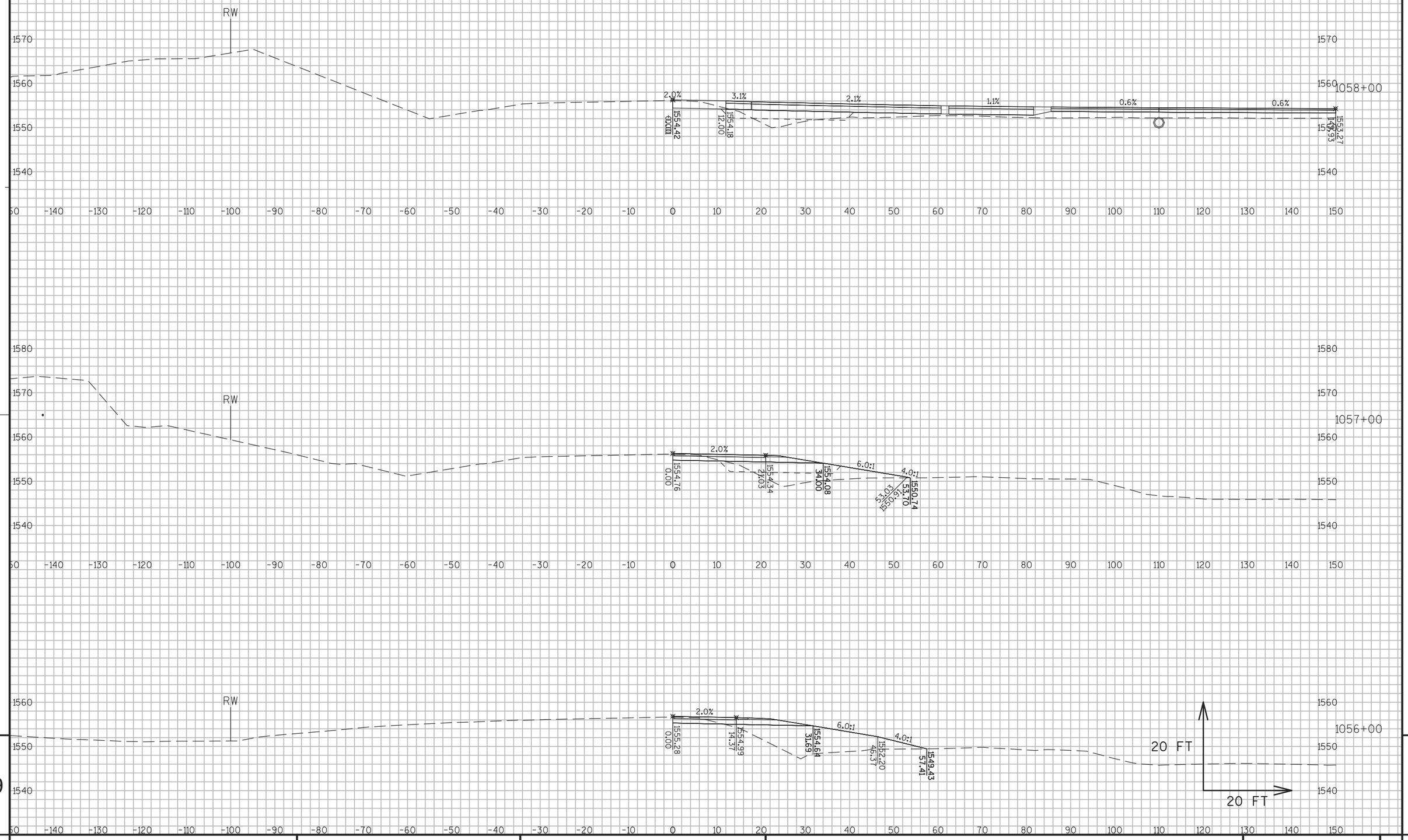


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 677	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (976)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



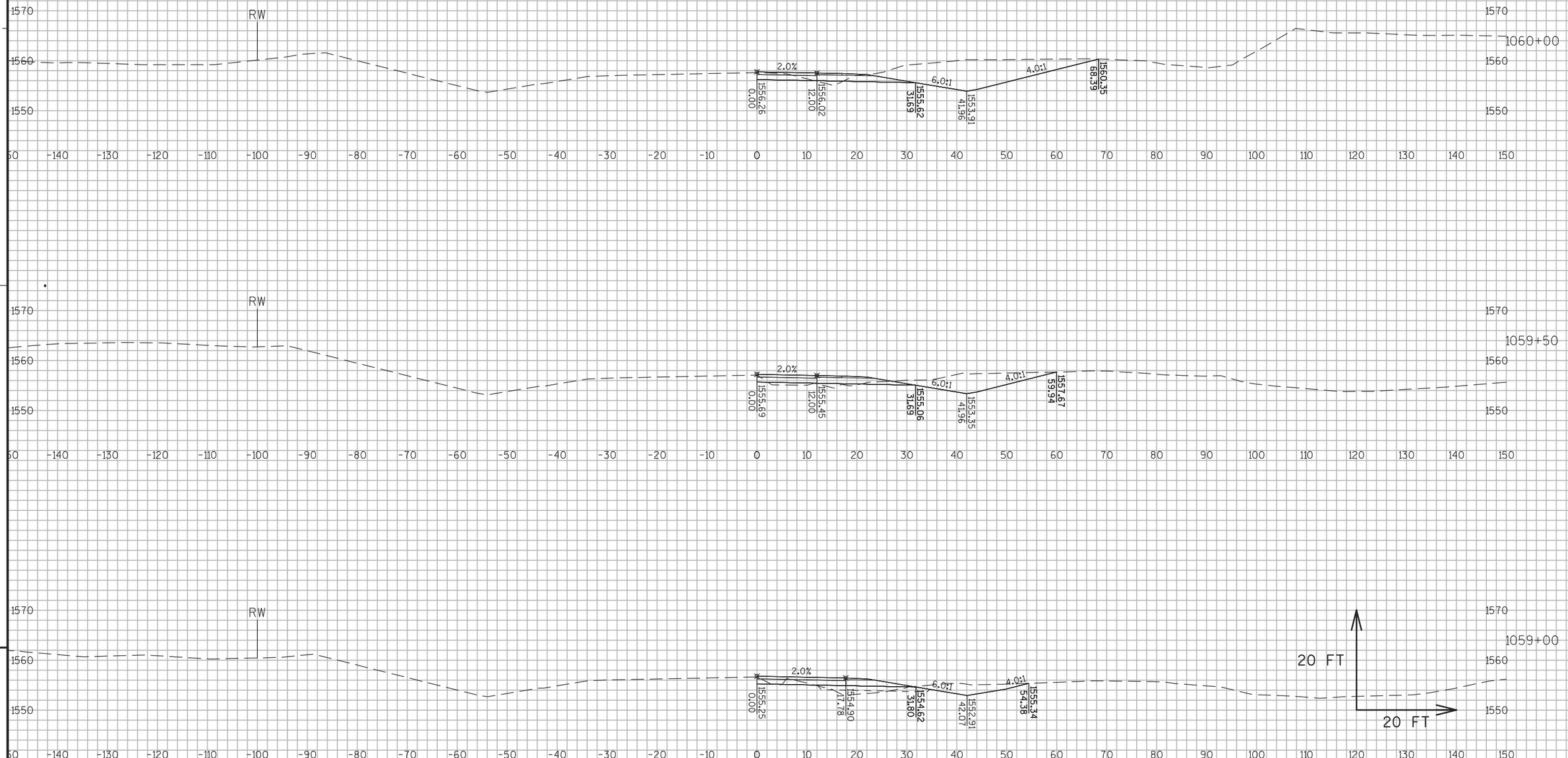
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 678	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (977)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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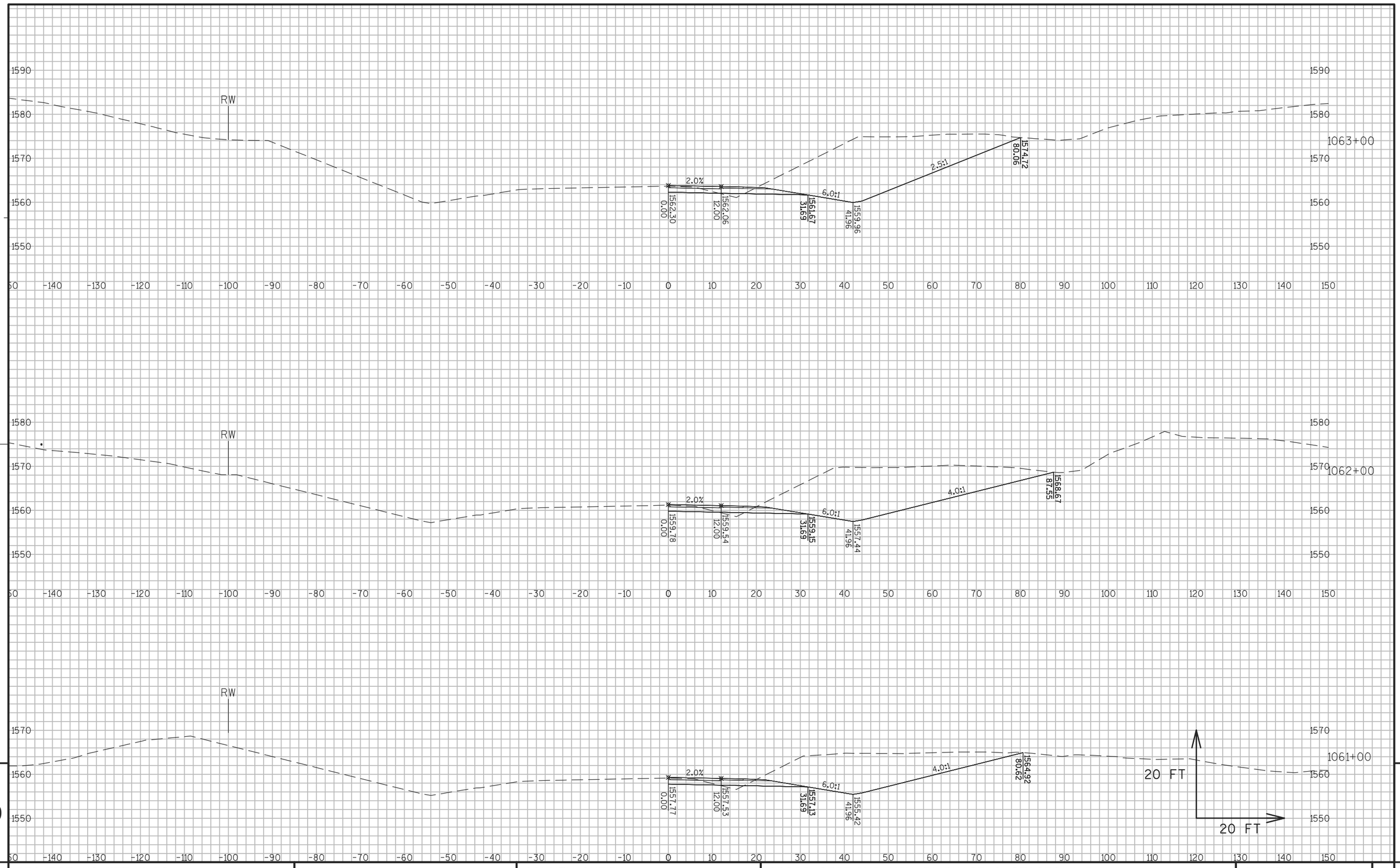
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 679	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (978)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



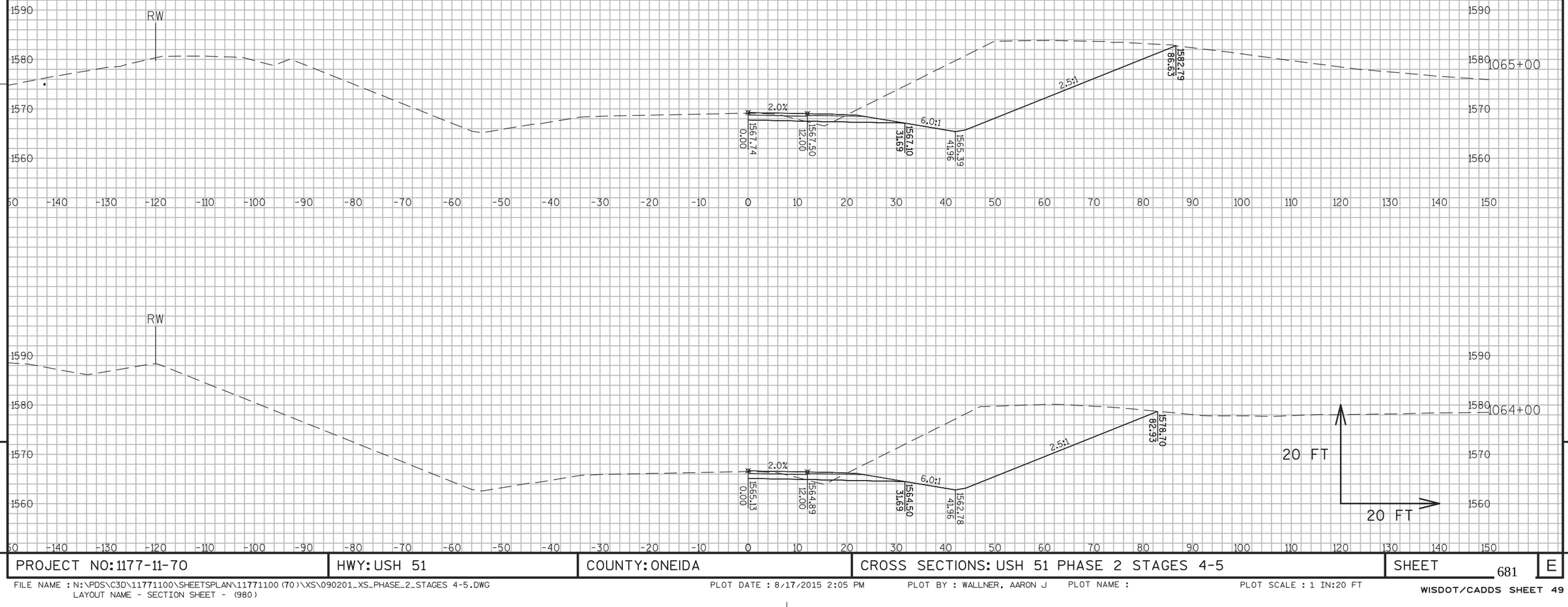
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 680	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (979)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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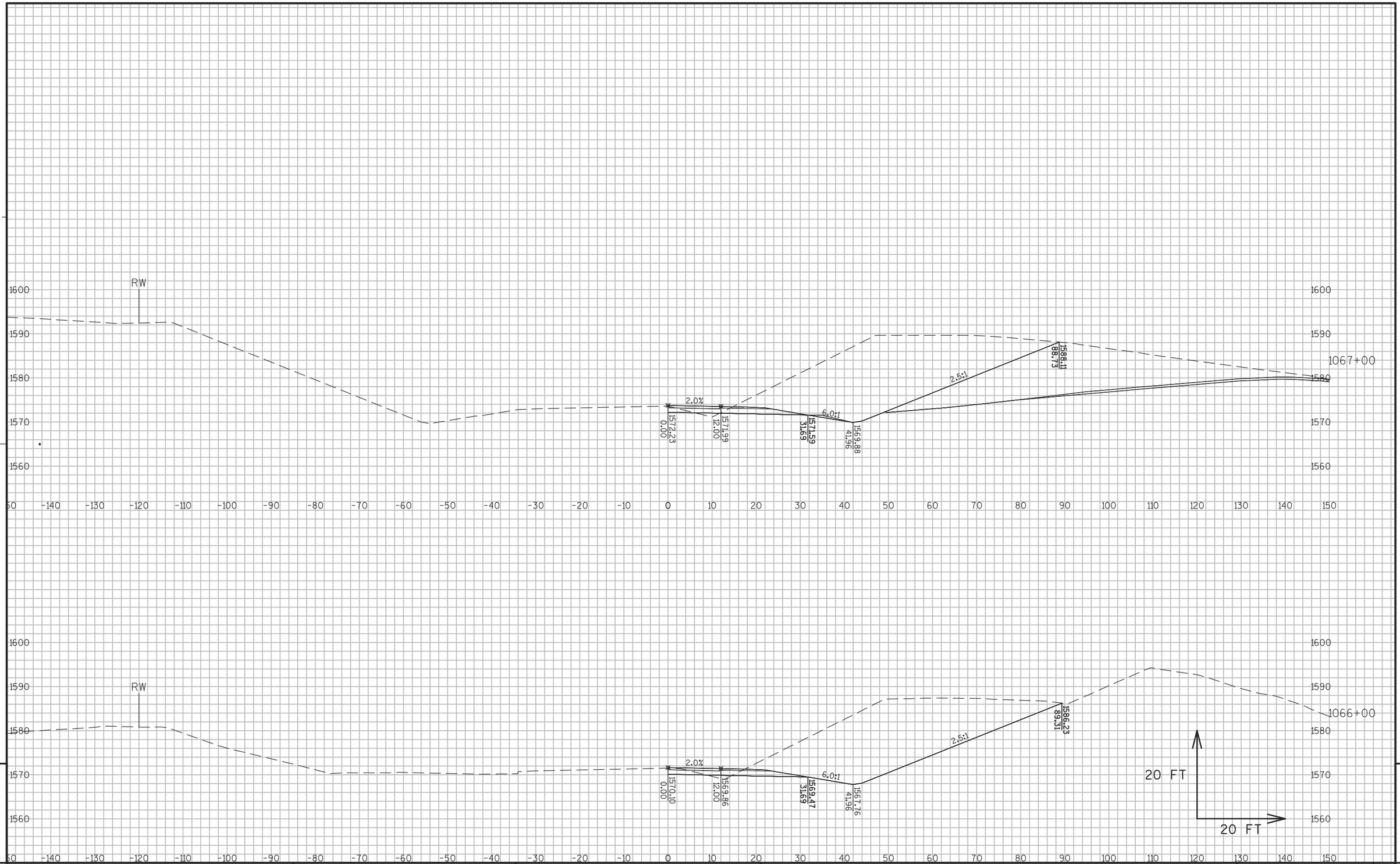
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 681	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (980)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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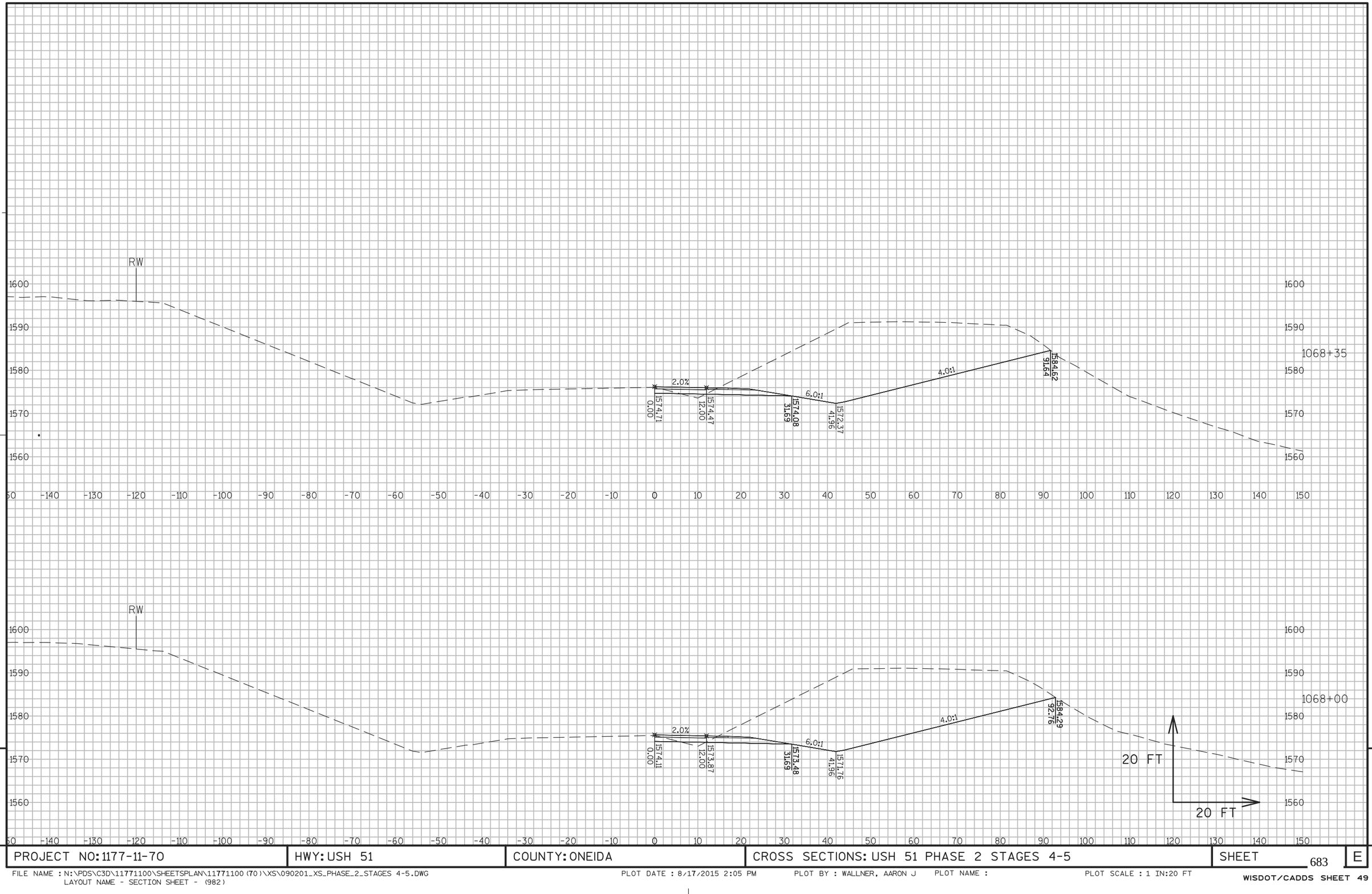
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 682	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (981)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

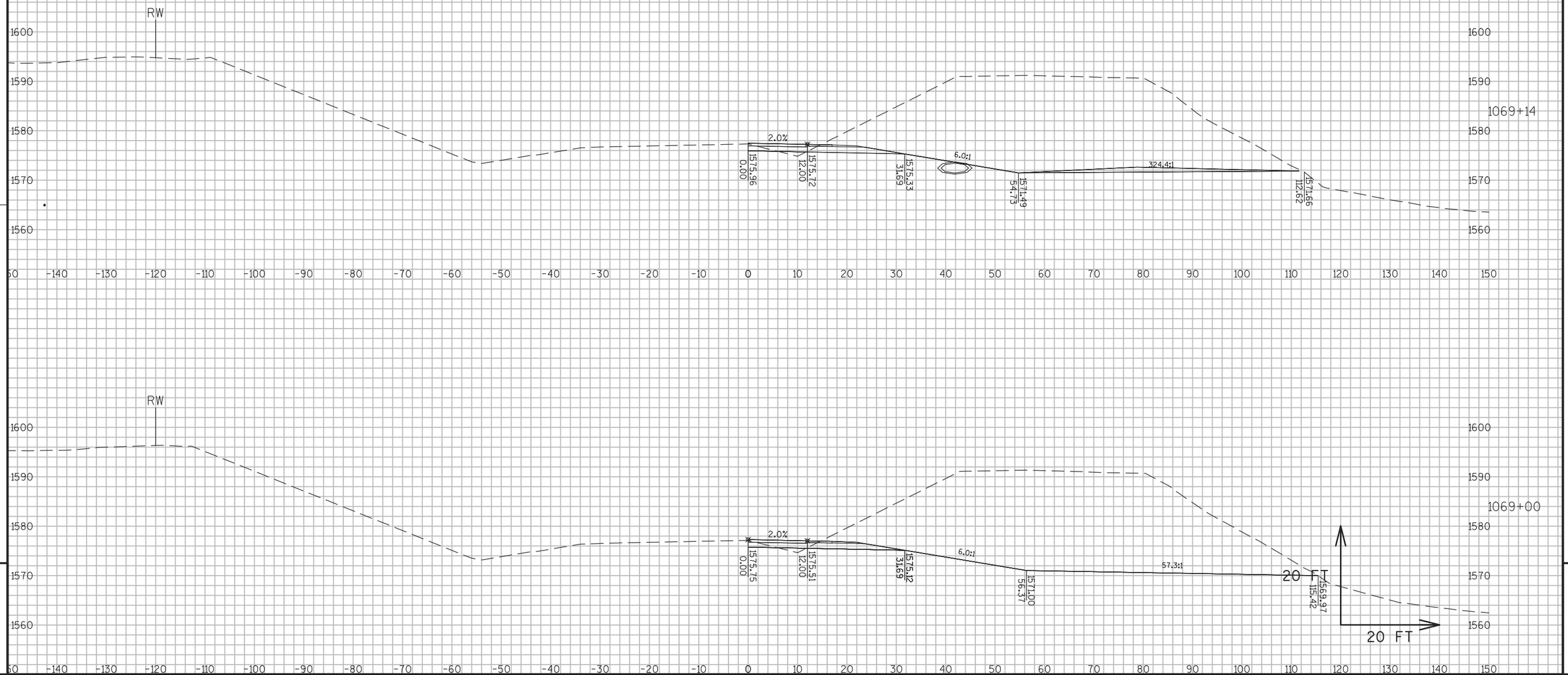


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 683	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (982)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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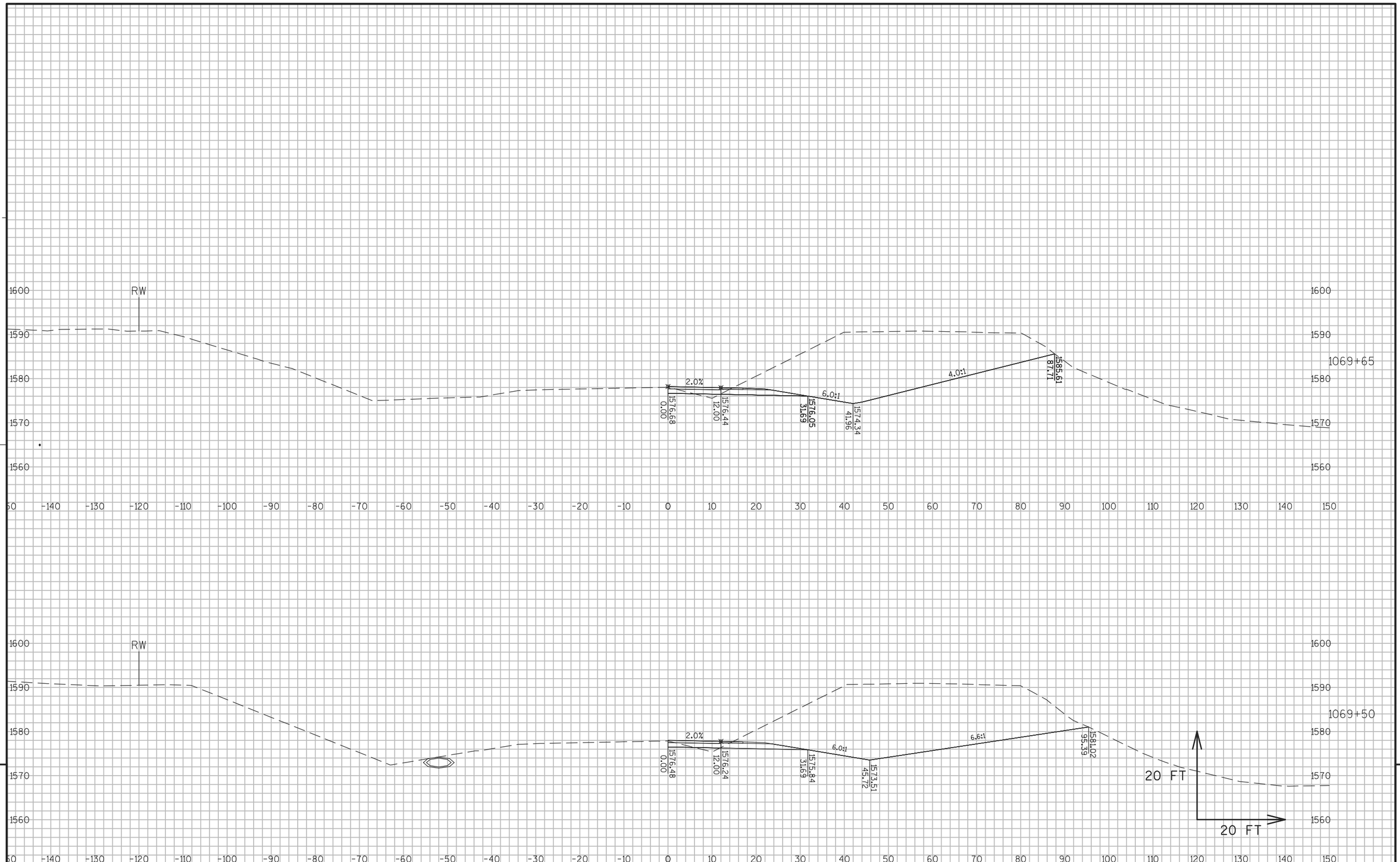
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 684	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (983)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

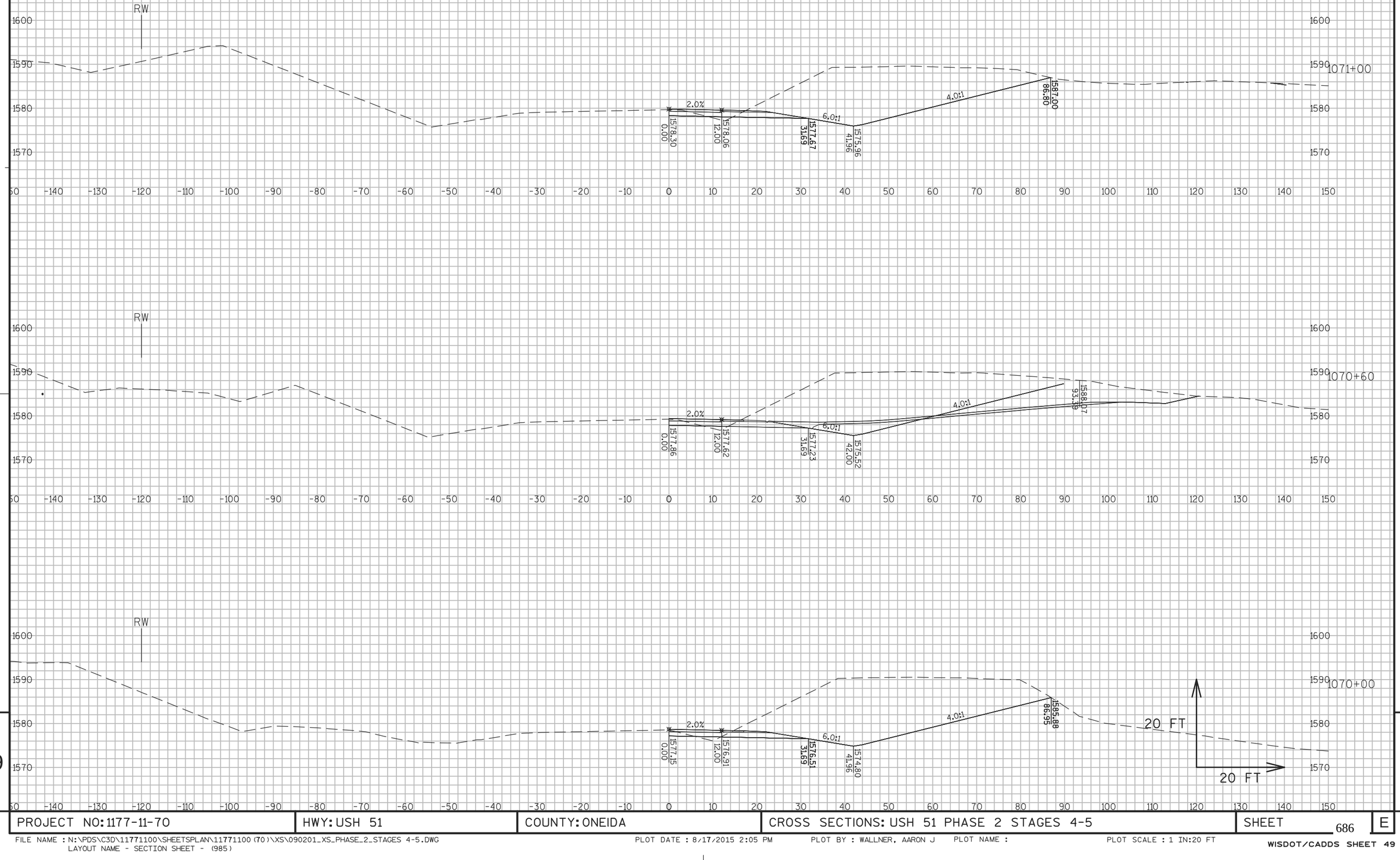


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 685	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (984)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

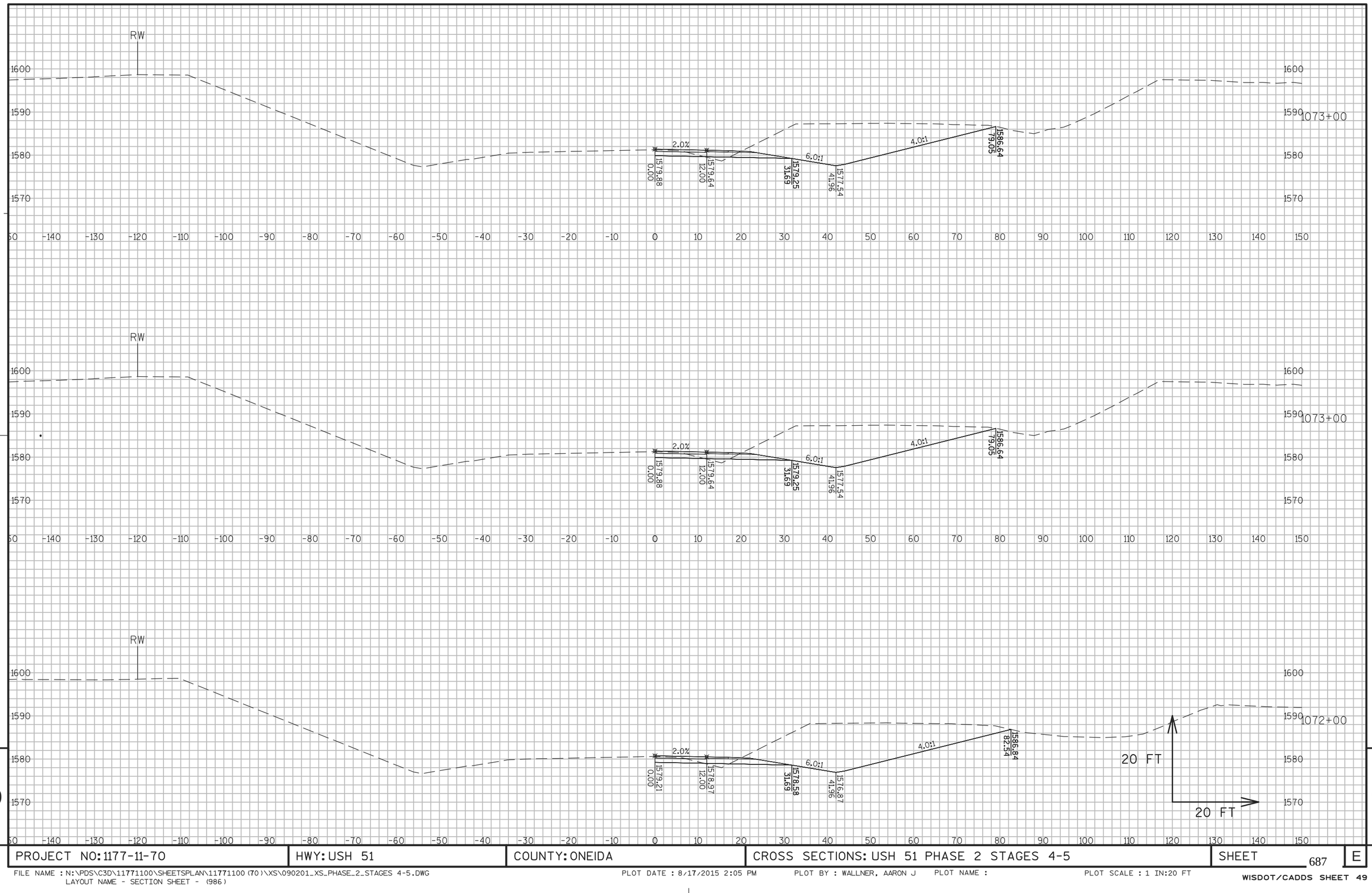


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 686	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (985)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 687	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (986)

PLOT DATE : 8/17/2015 2:05 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

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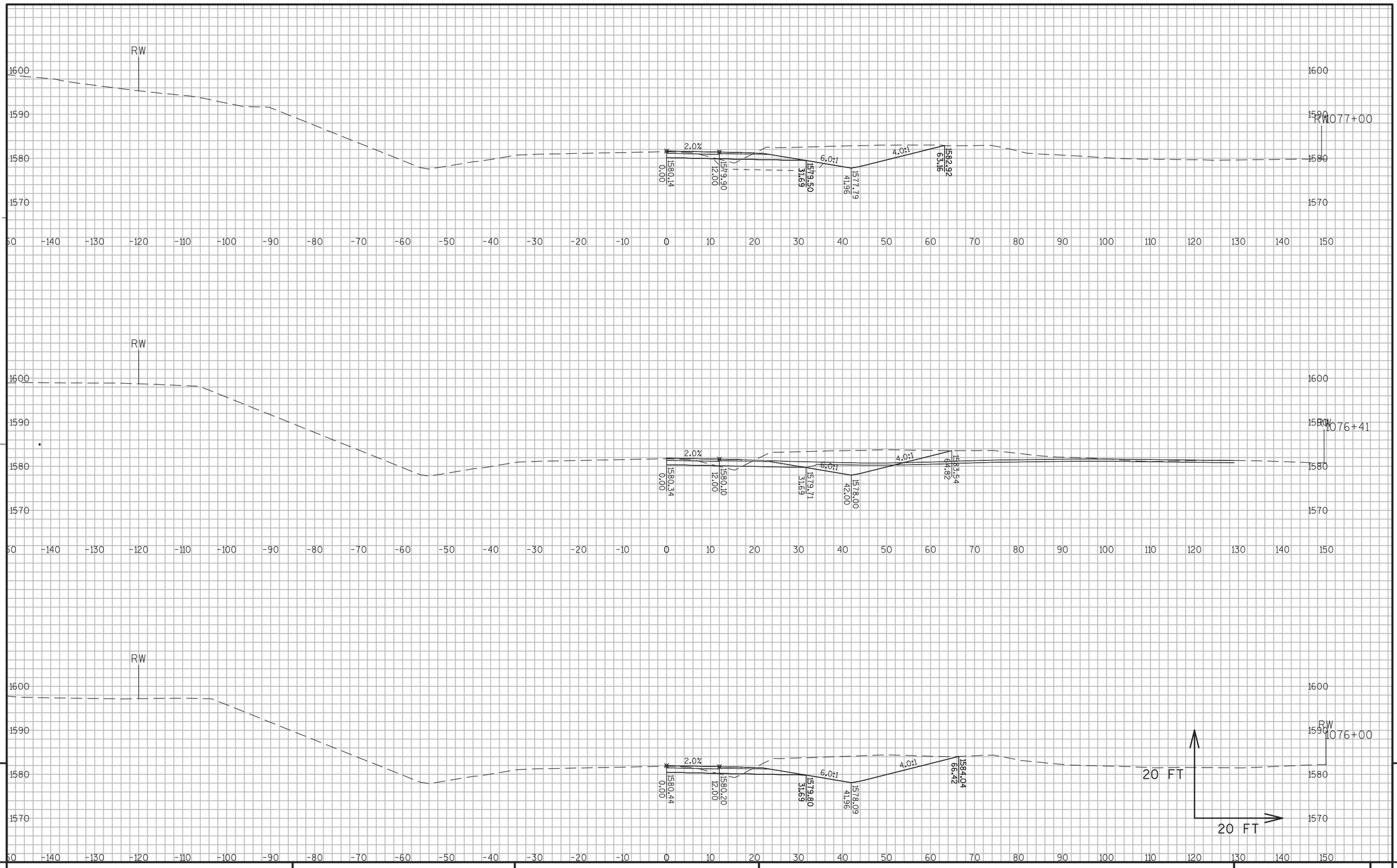
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 688	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (987)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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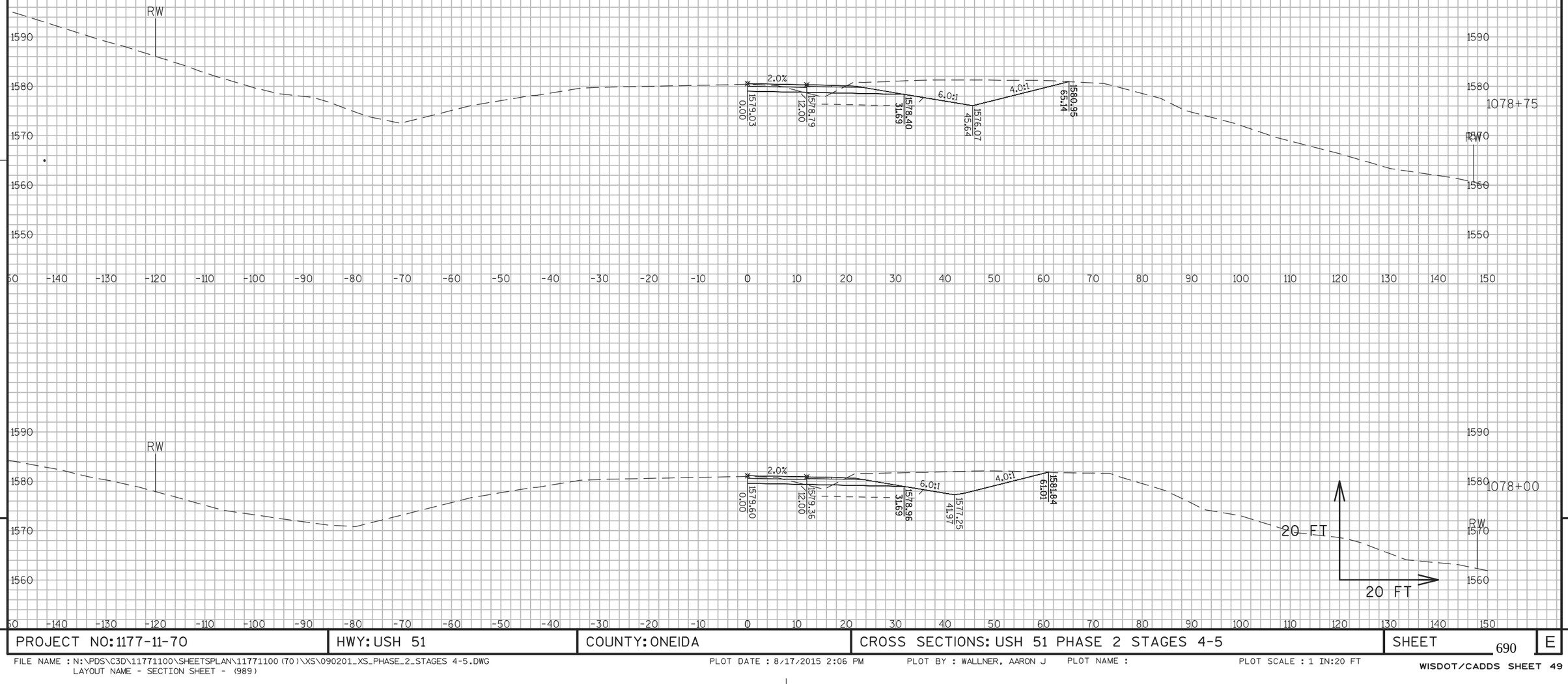
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 689	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (988)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

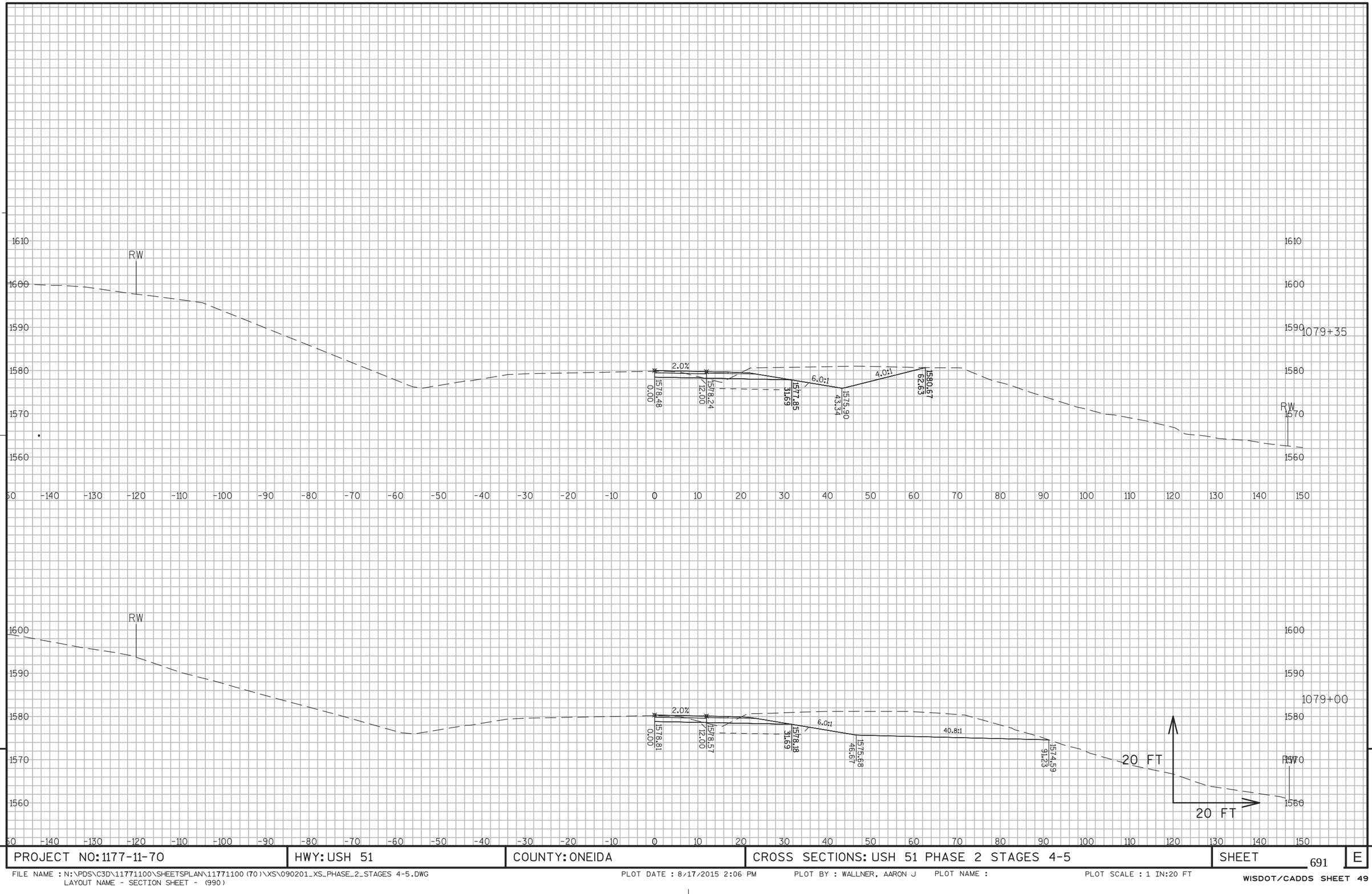


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 690	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (989)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

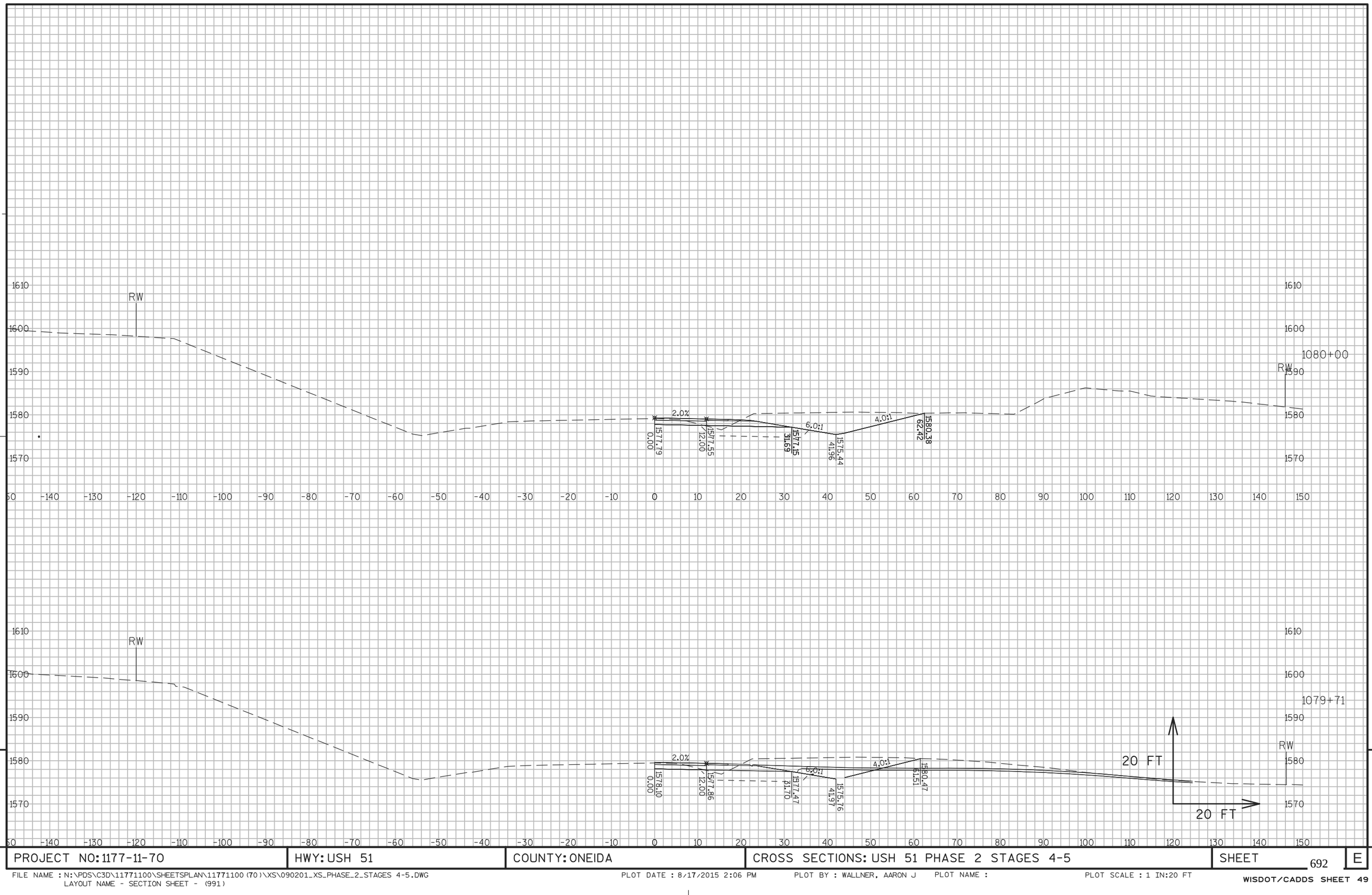


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 691	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (990)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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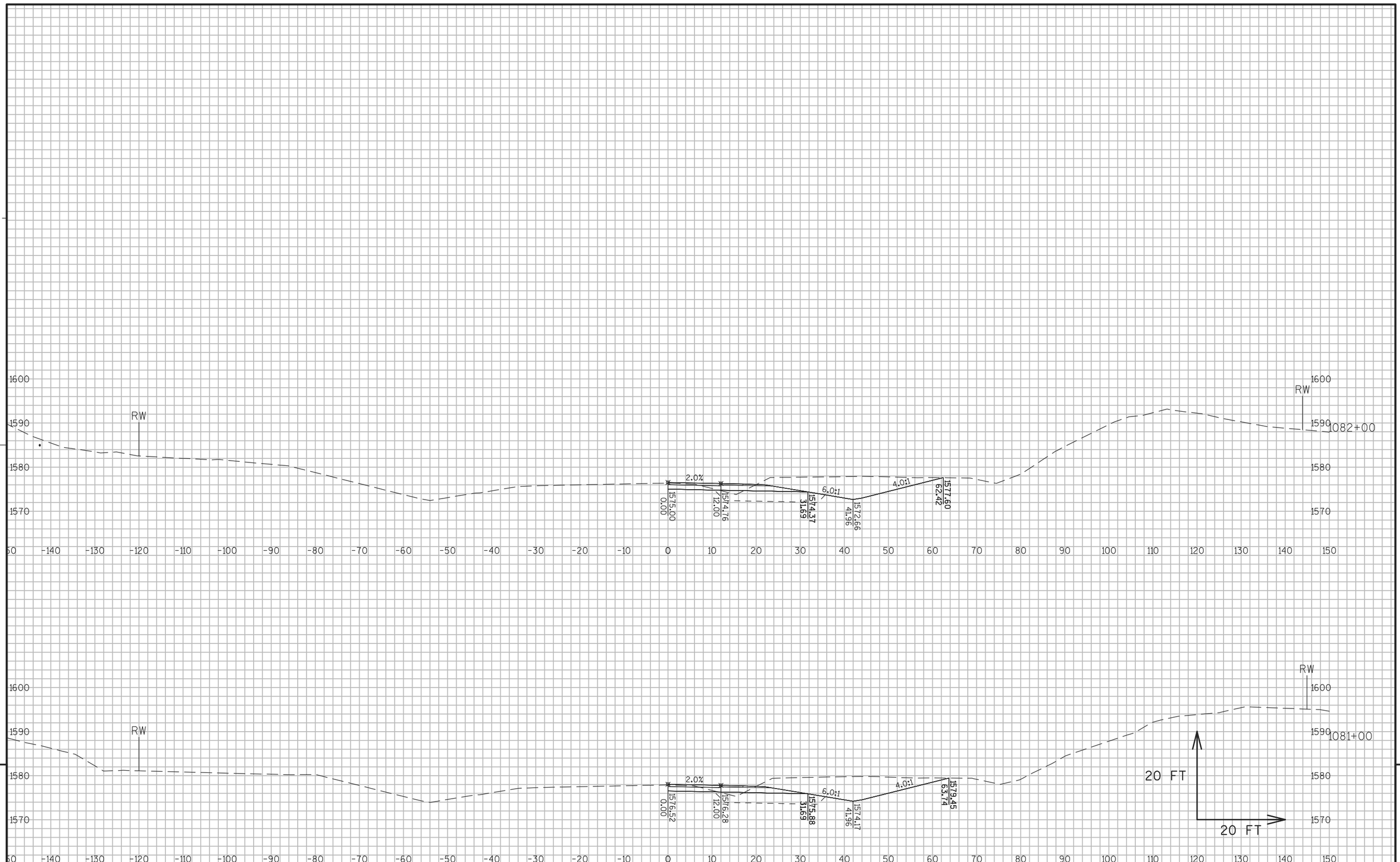
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 692	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (991)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

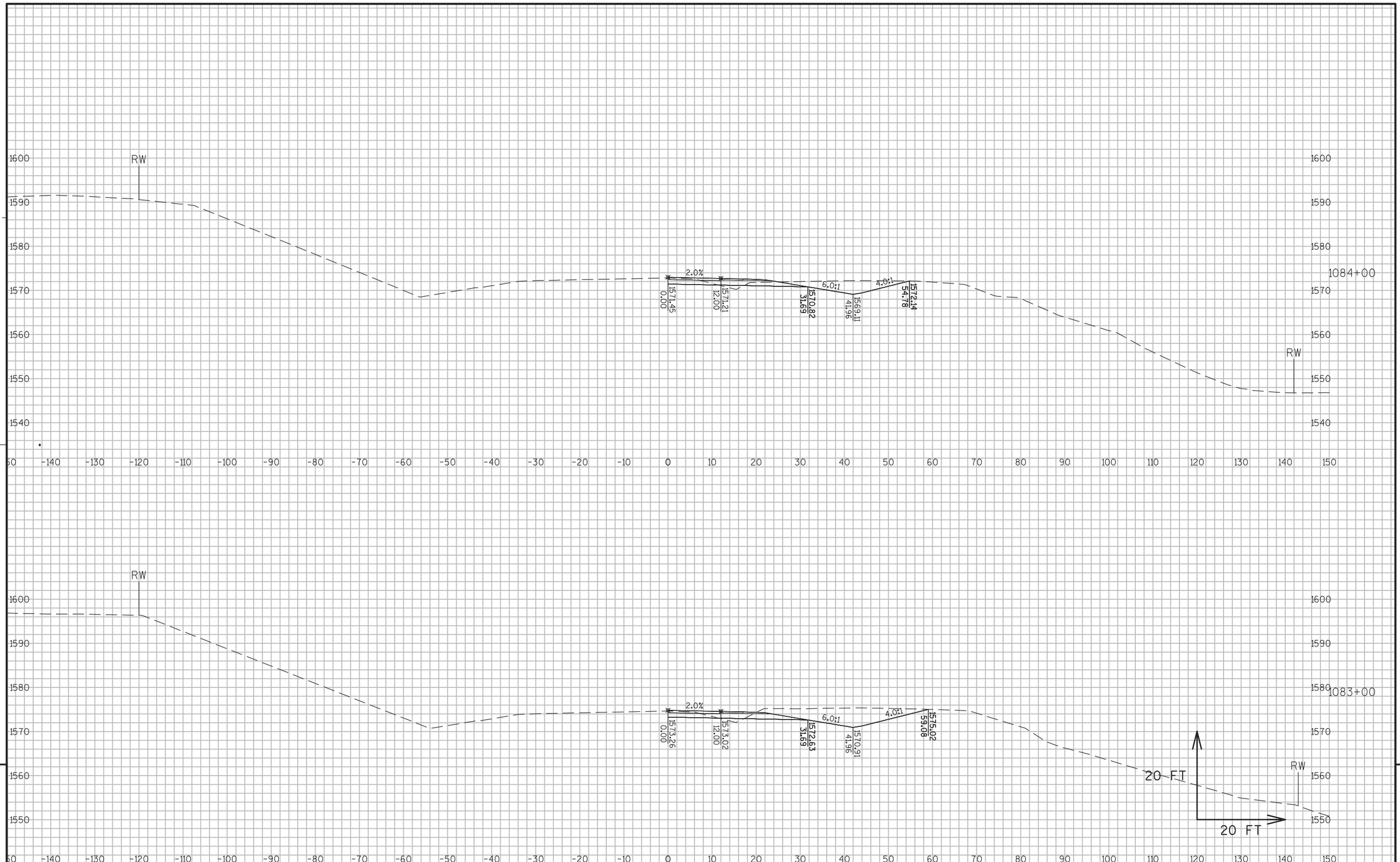
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 693	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (992)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

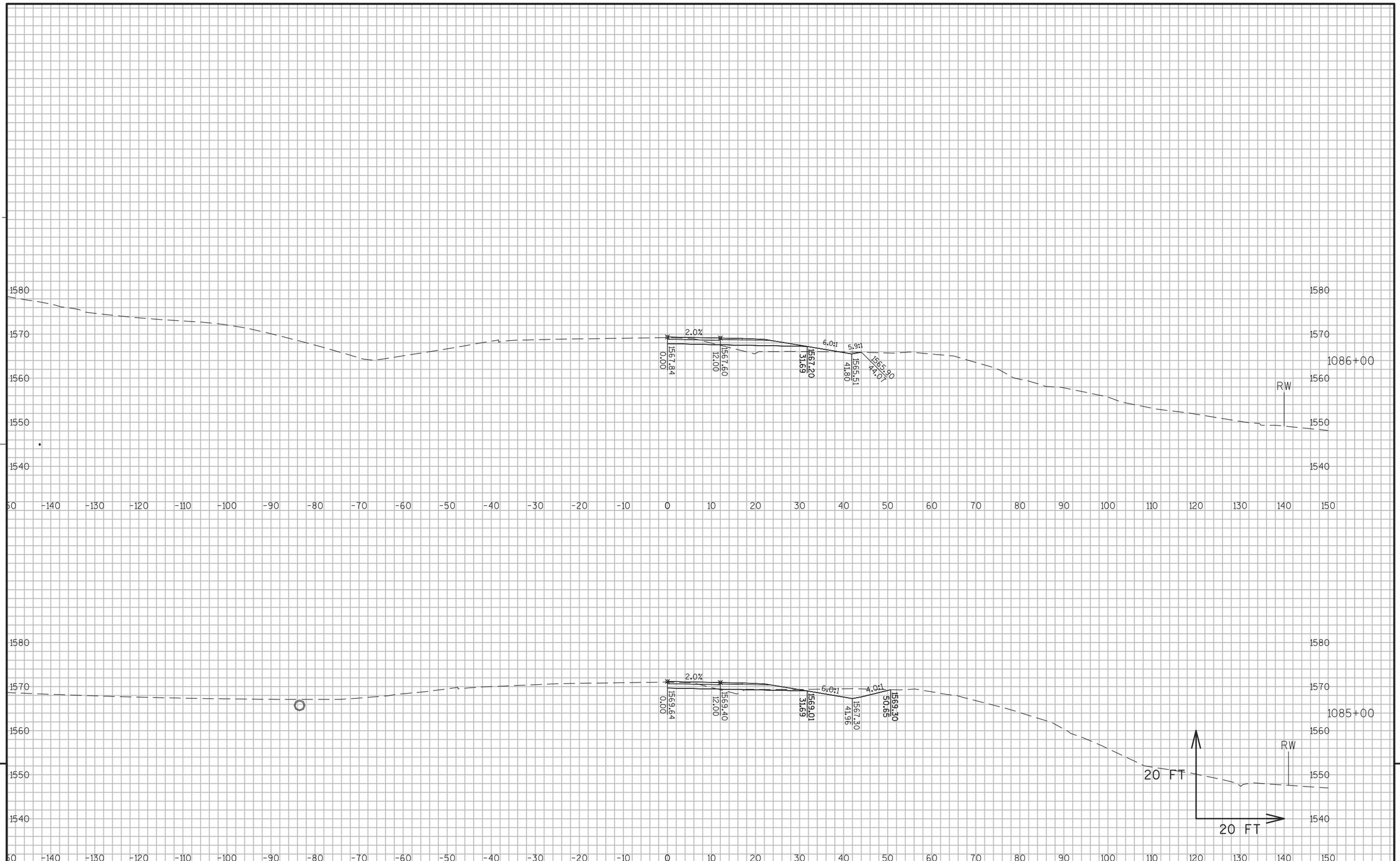


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 694	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (993)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 695	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (994)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

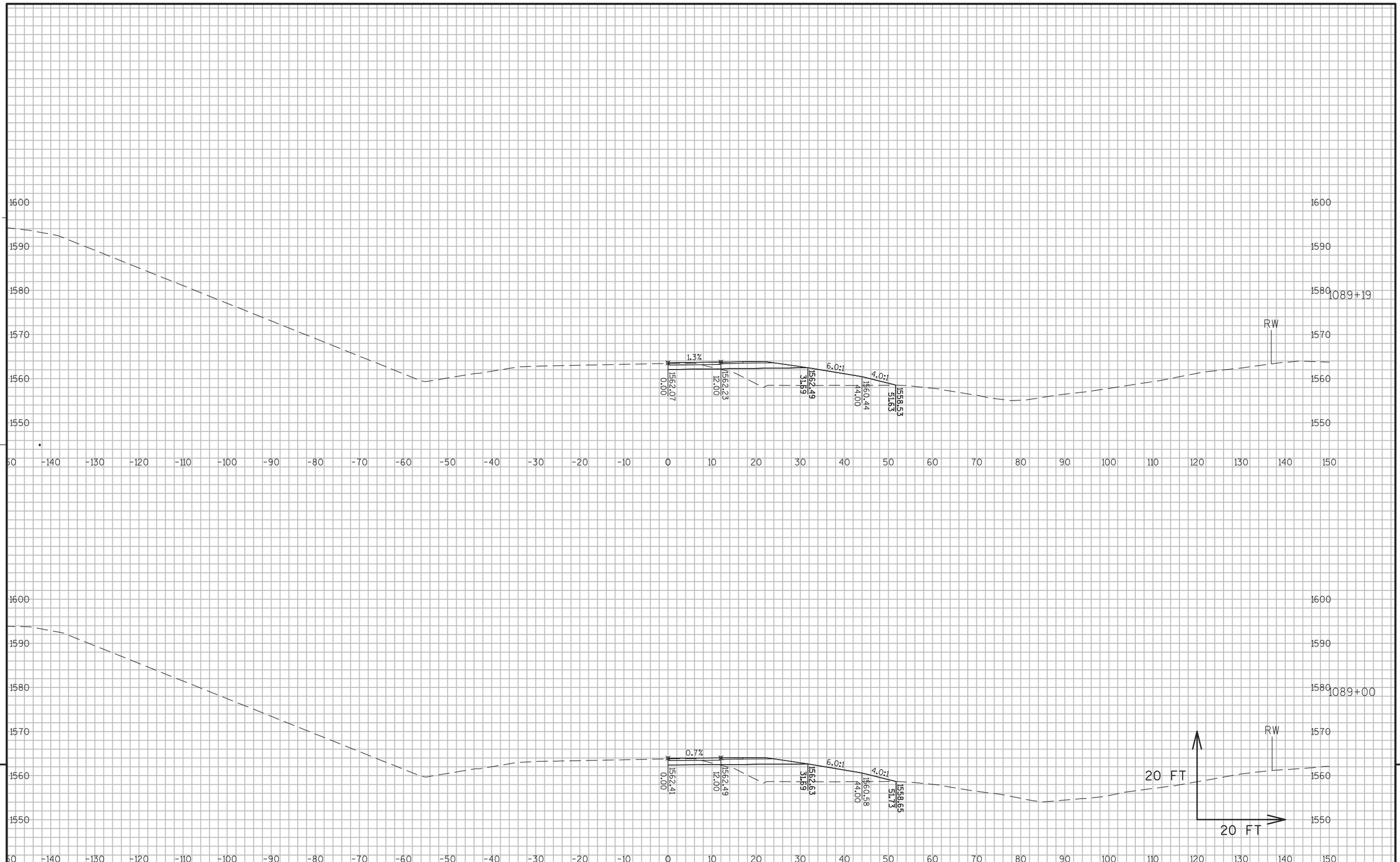
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 696	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (995)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

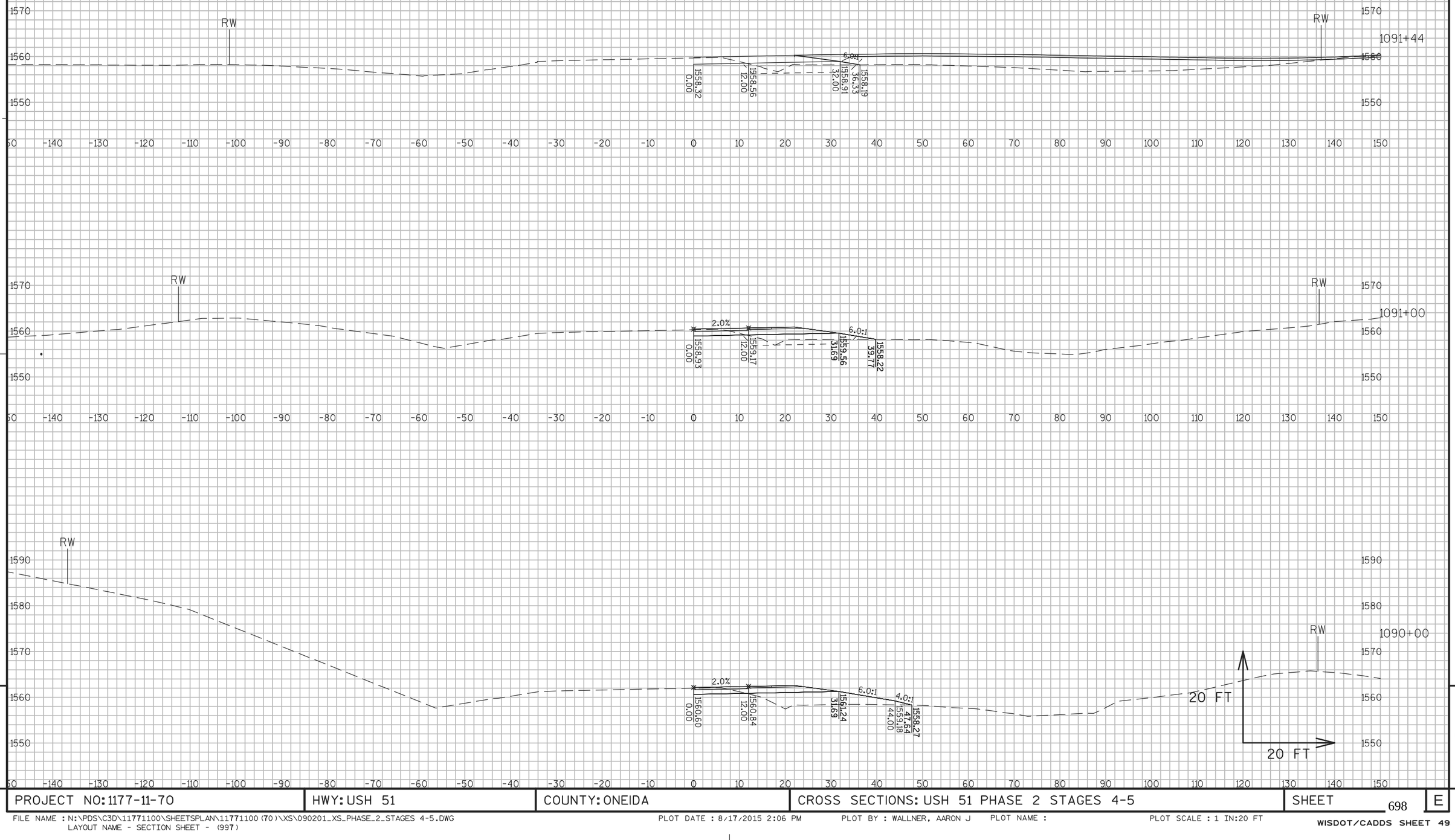
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 697	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (996)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

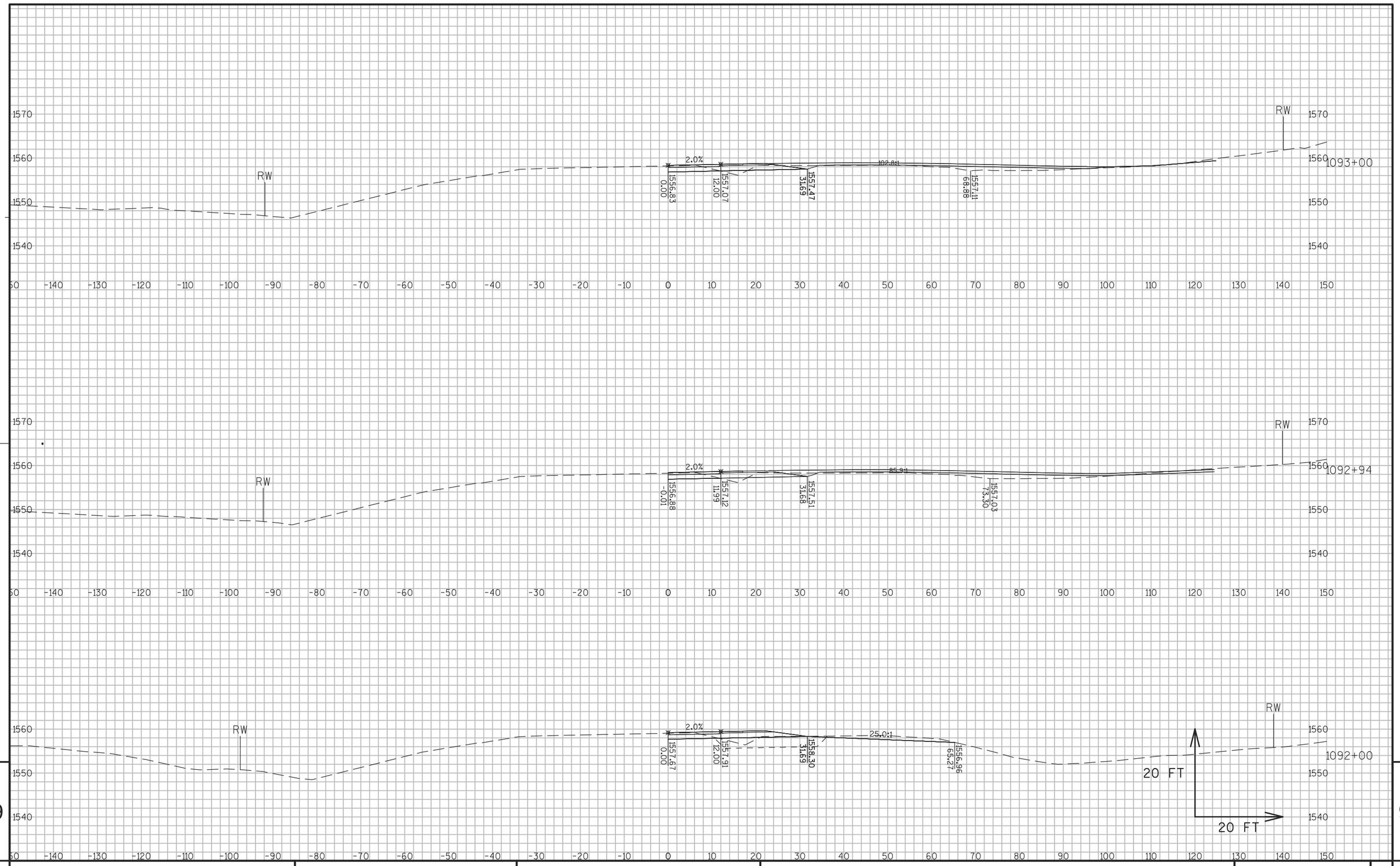
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 698	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (997)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



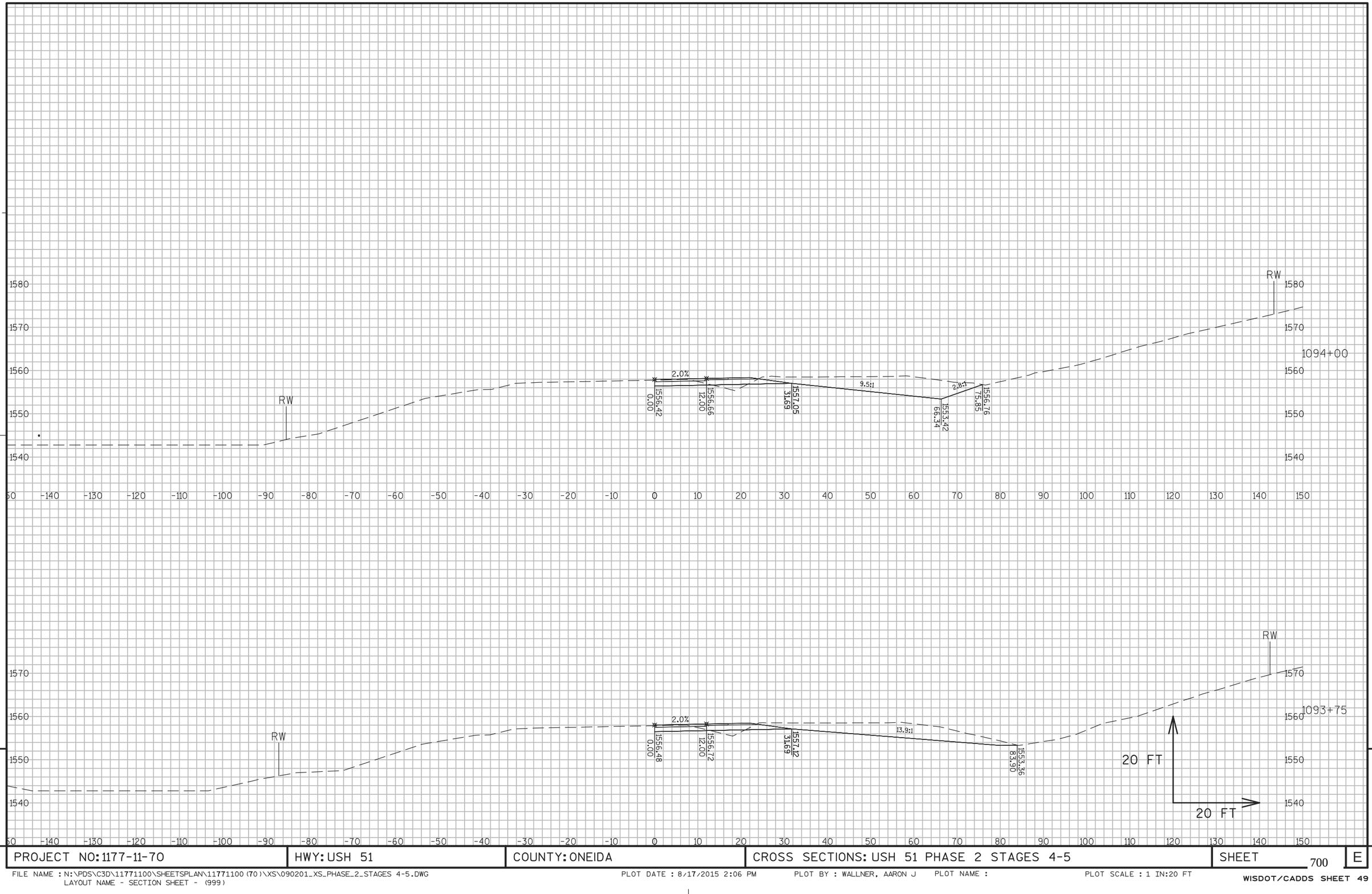
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 699	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (998)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

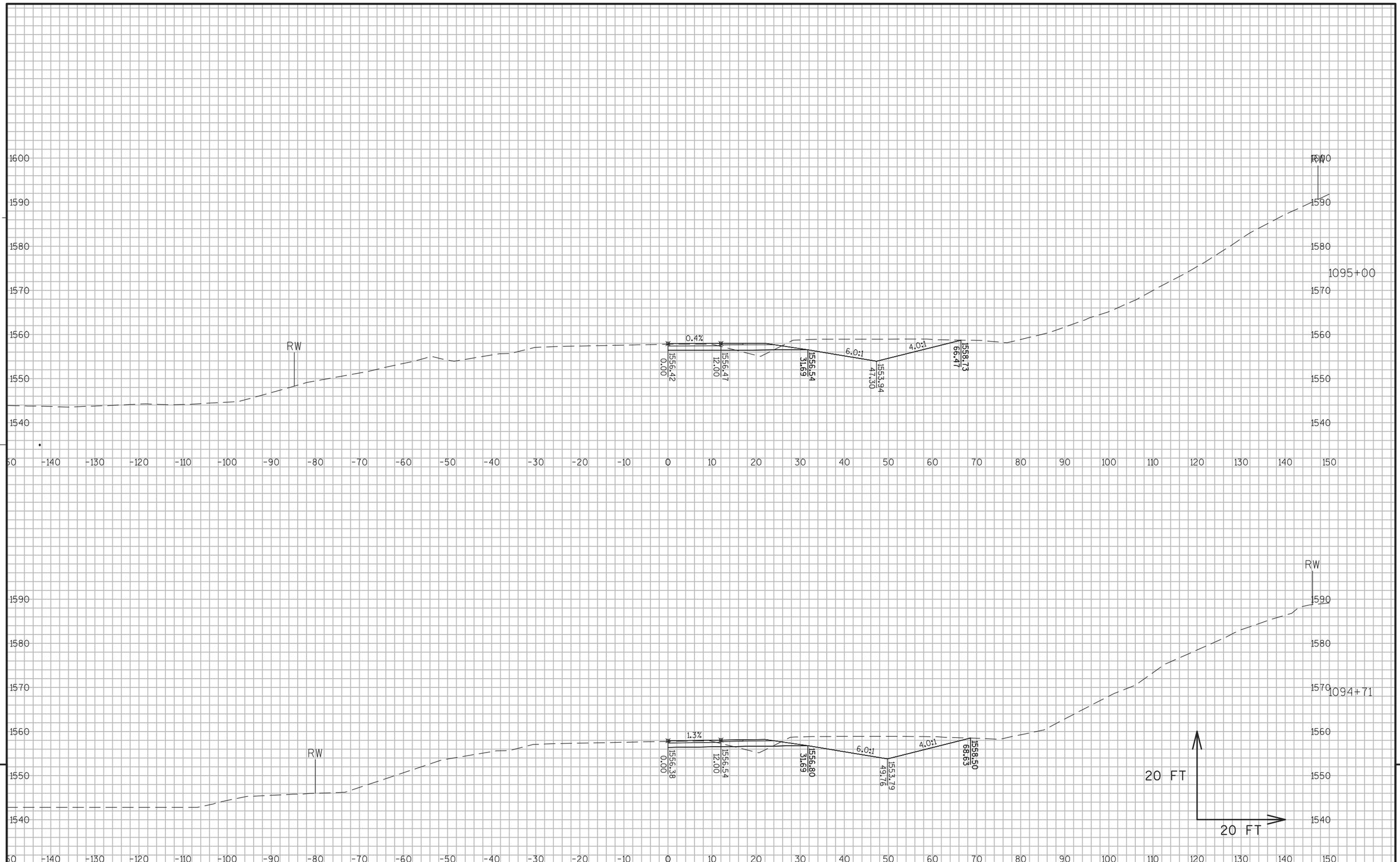


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 700	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (999)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

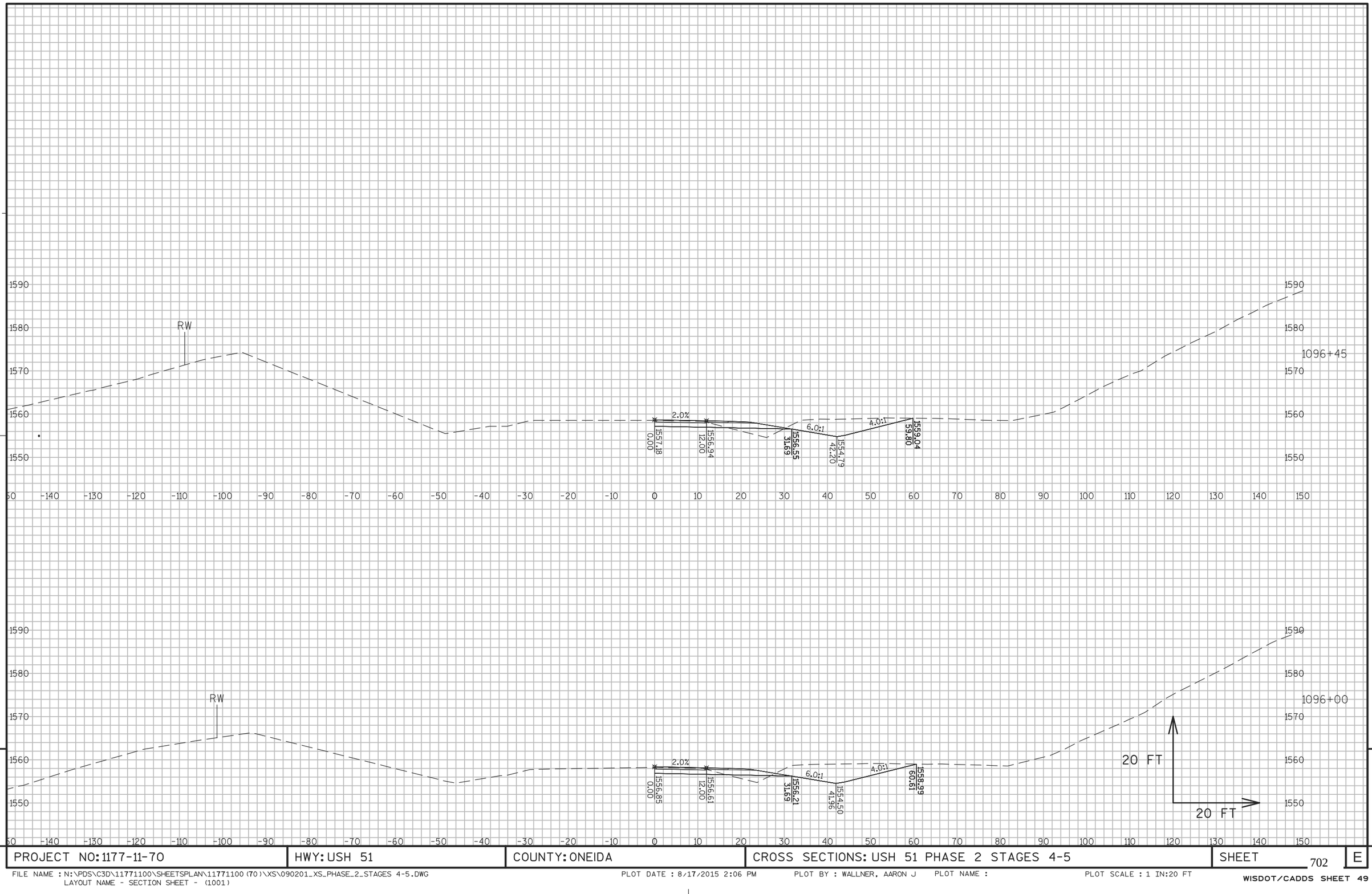


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 701	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1000)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



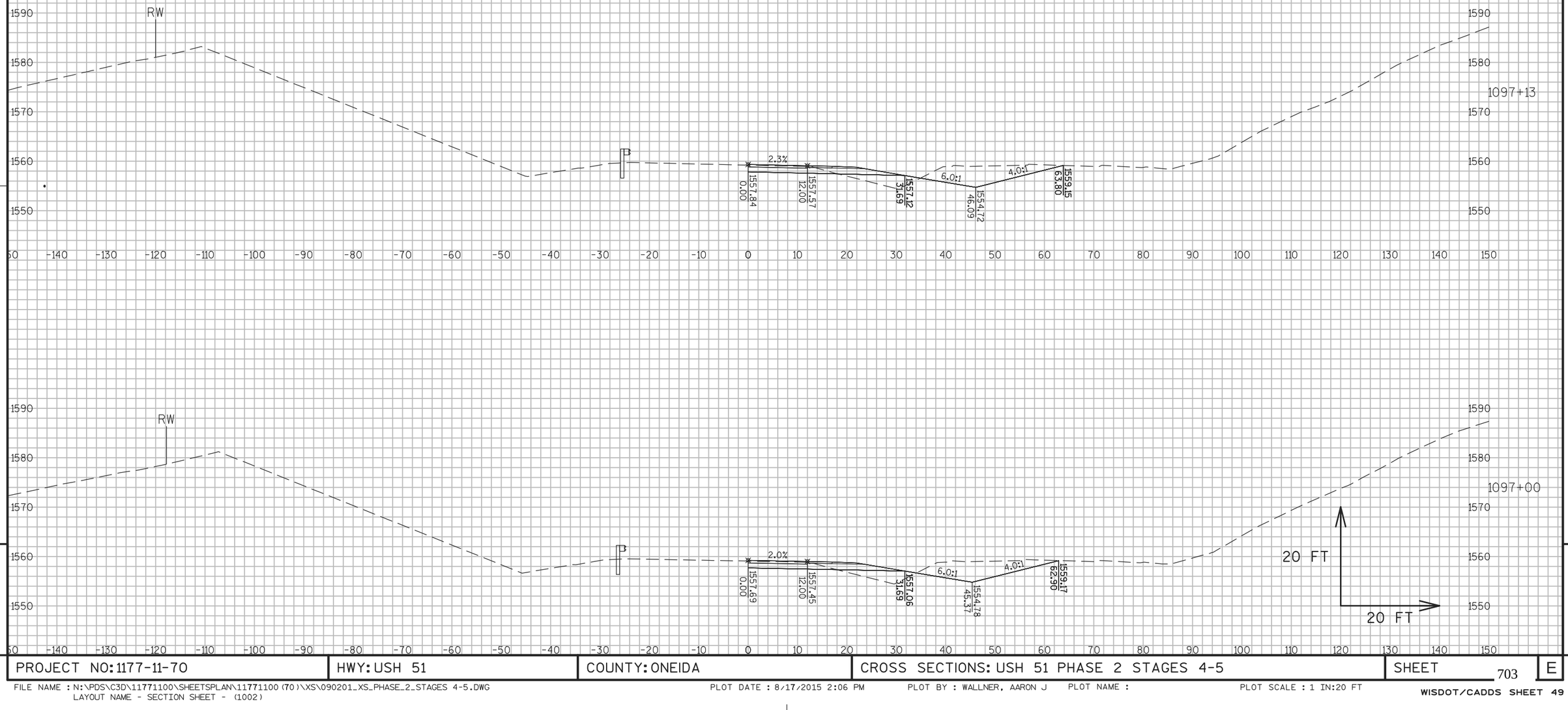
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 702	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1001)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



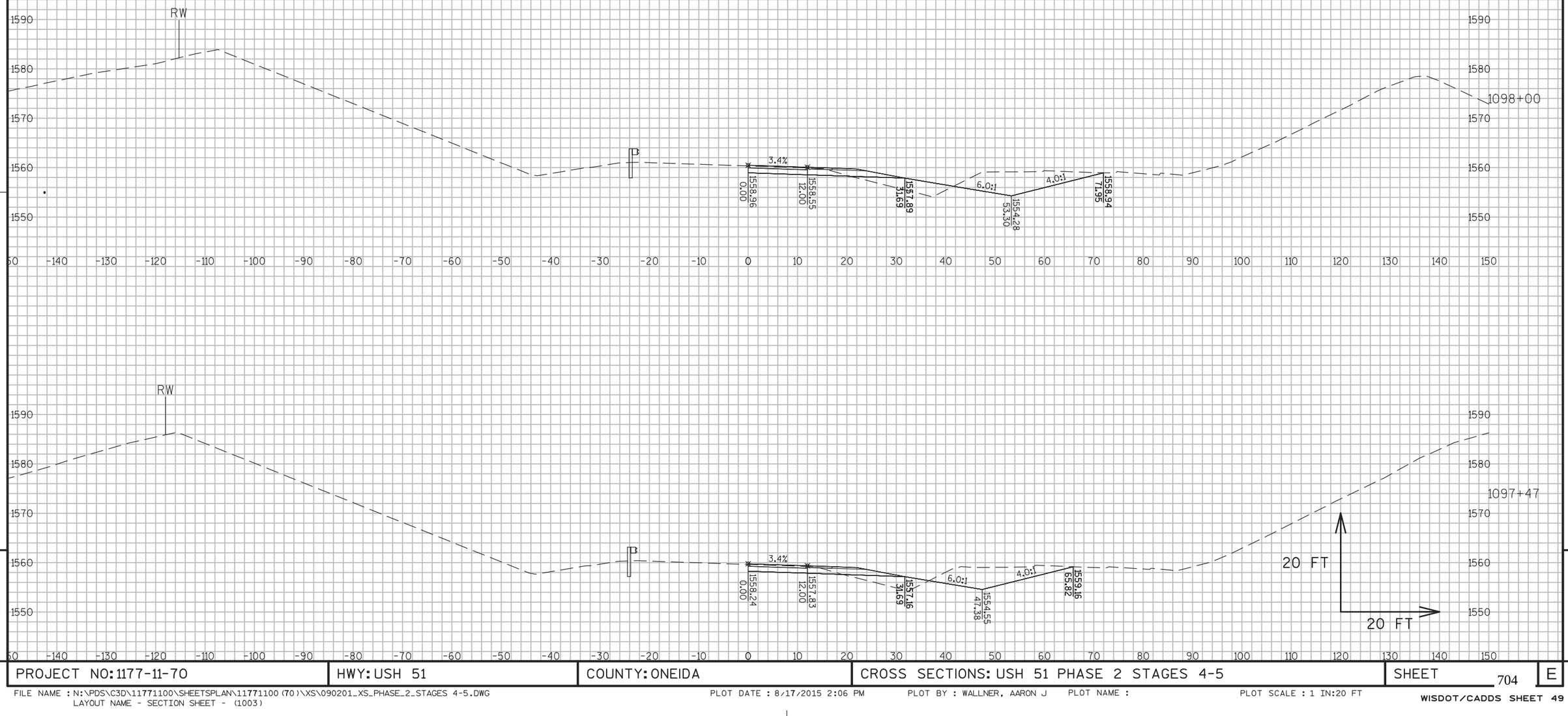
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 703	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1002)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



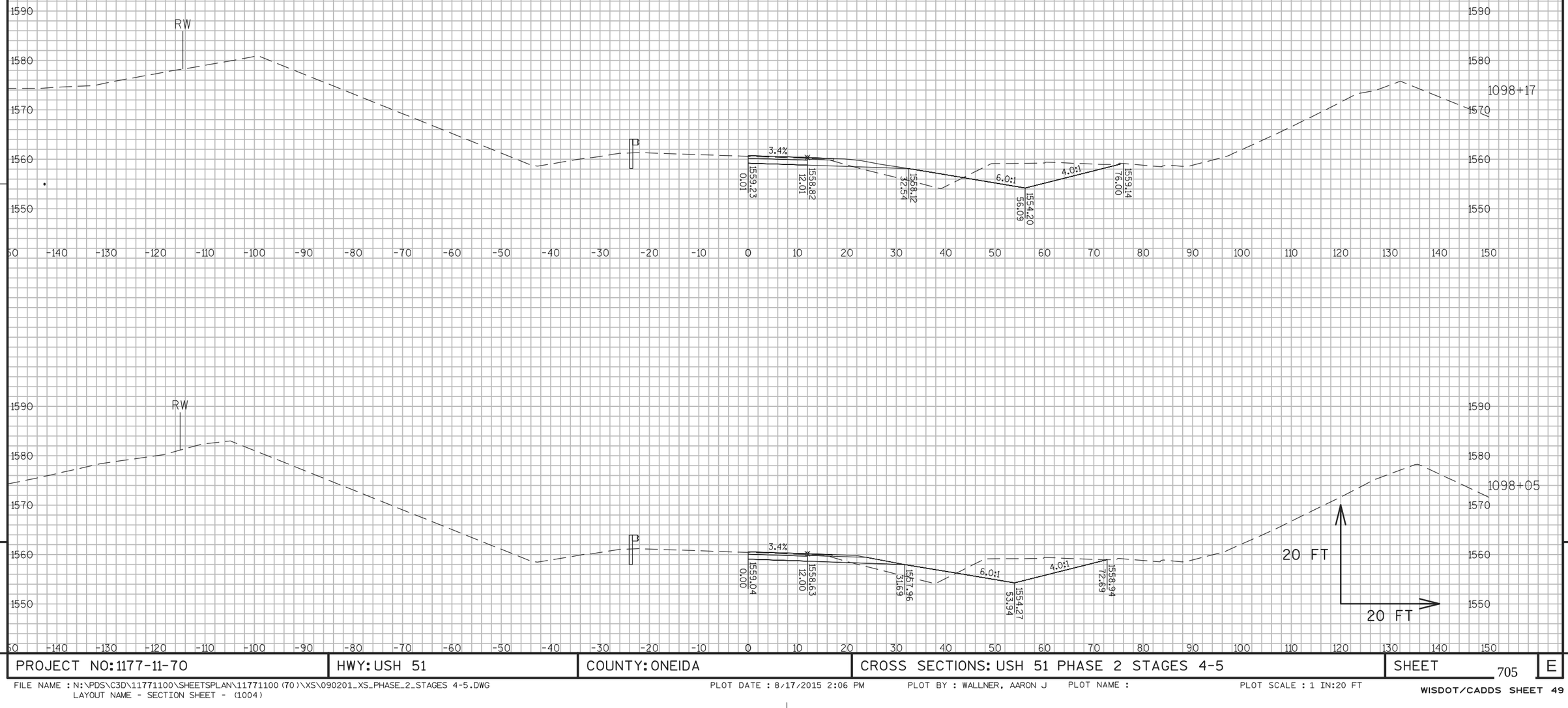
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 704	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1003)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

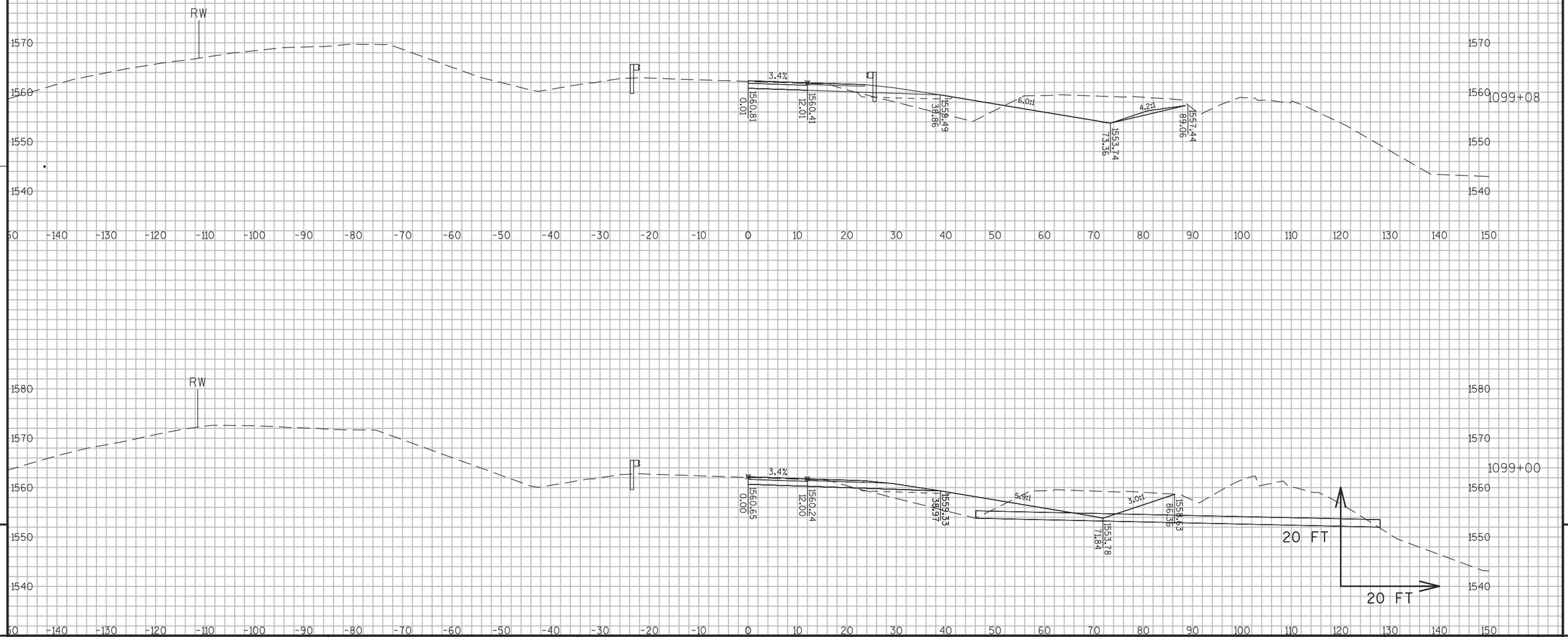


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 705	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1004)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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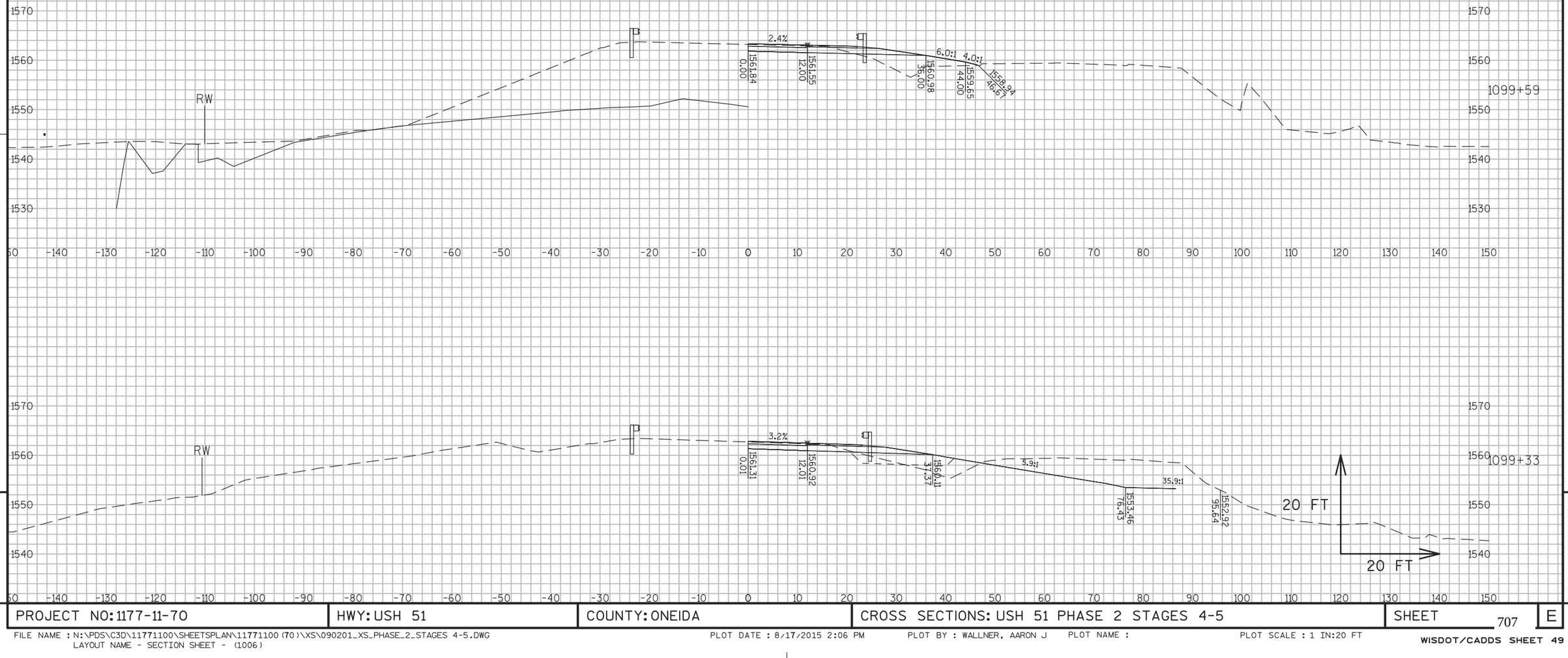
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 706	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1005)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

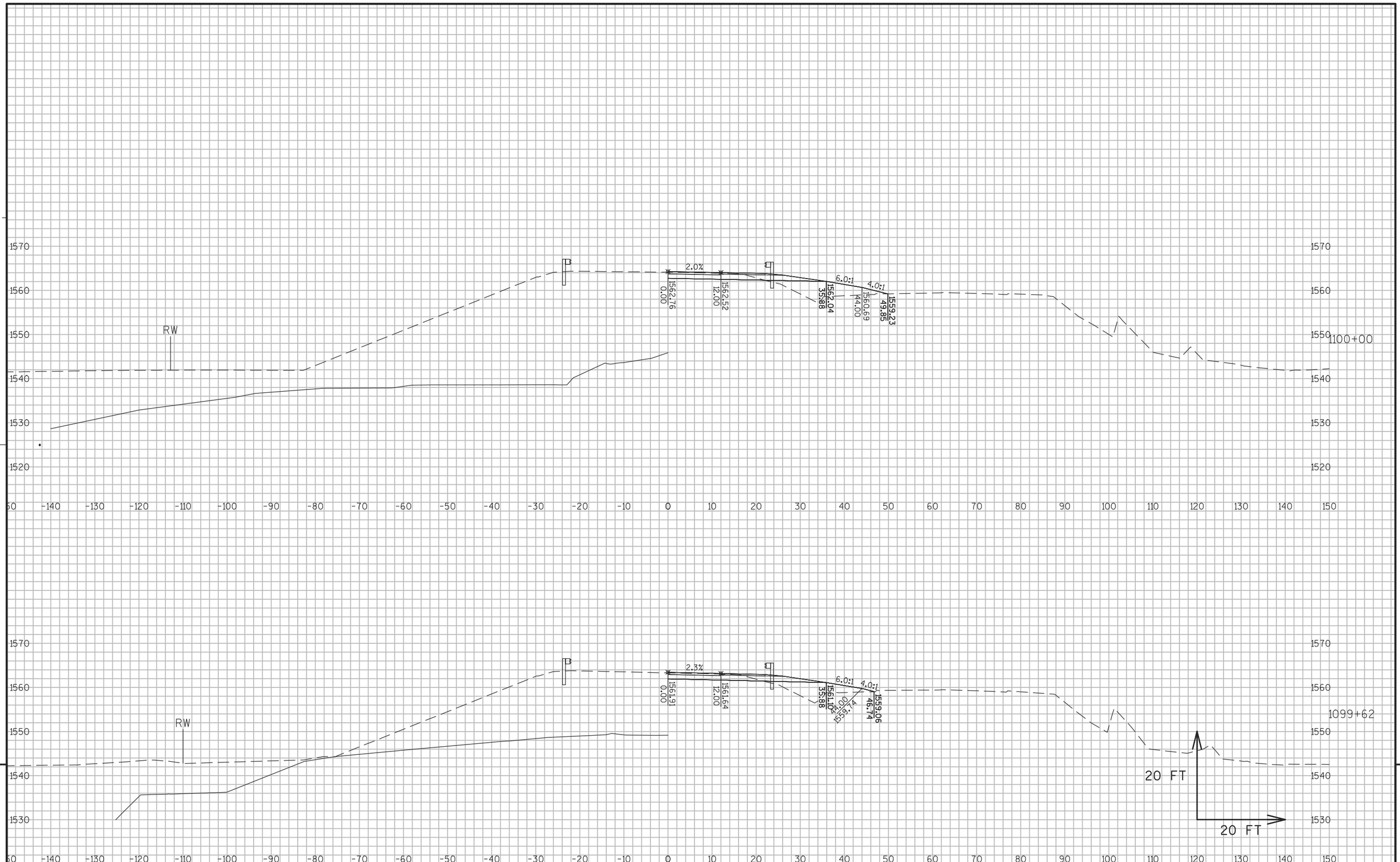


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 707	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1006)

PLOT DATE : 8/17/2015 2:06 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

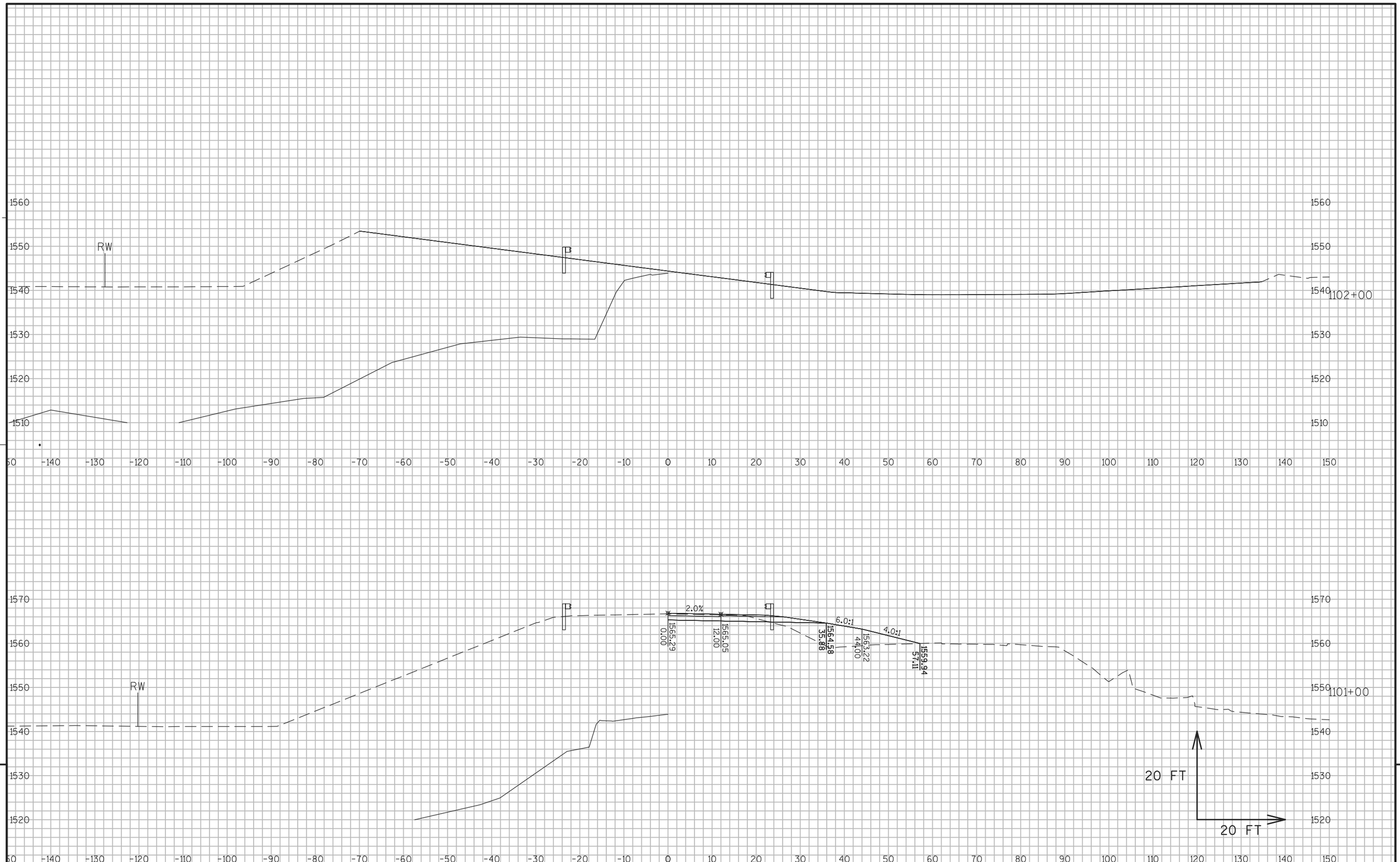


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 708	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1007)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

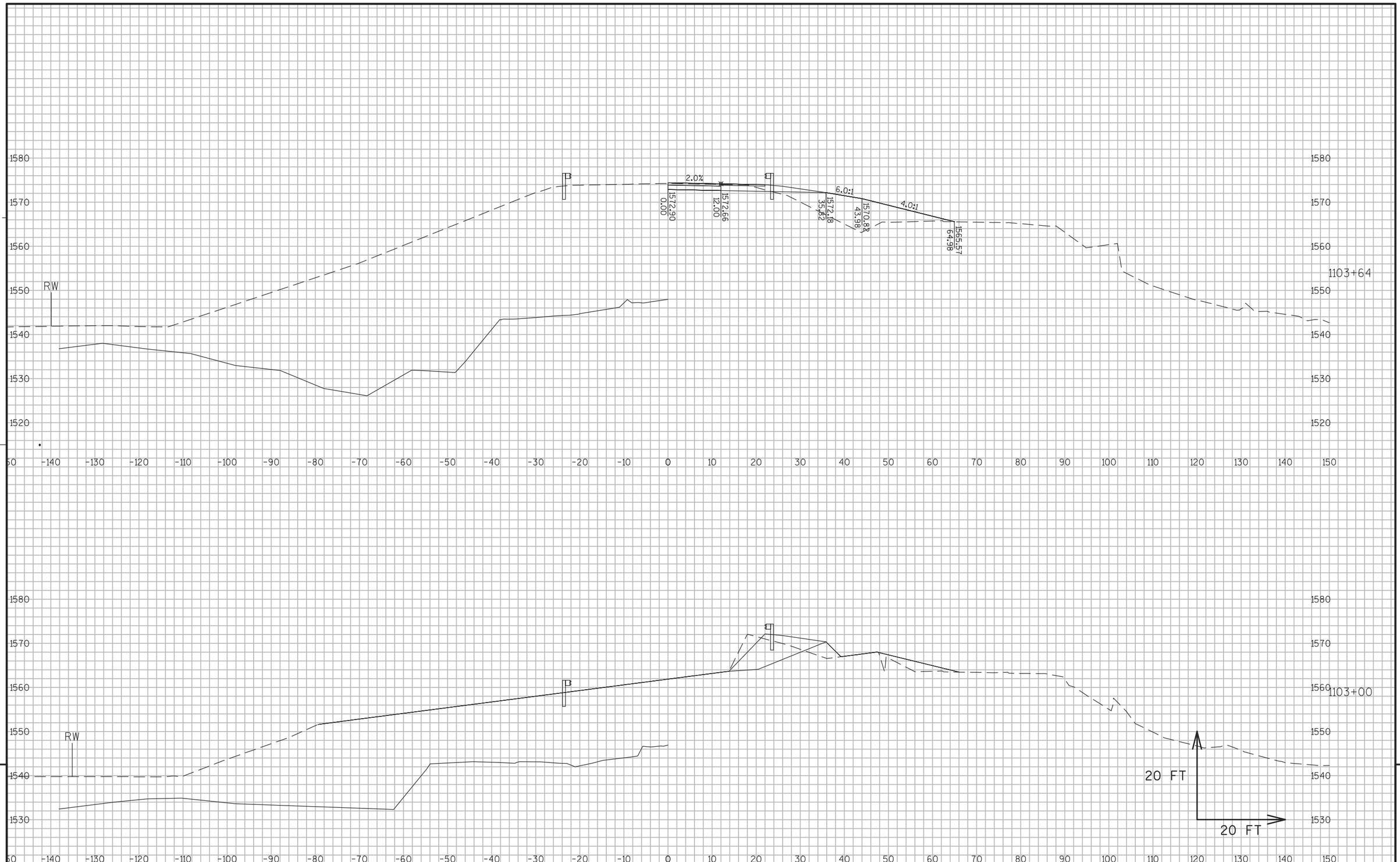


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 709	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1008)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

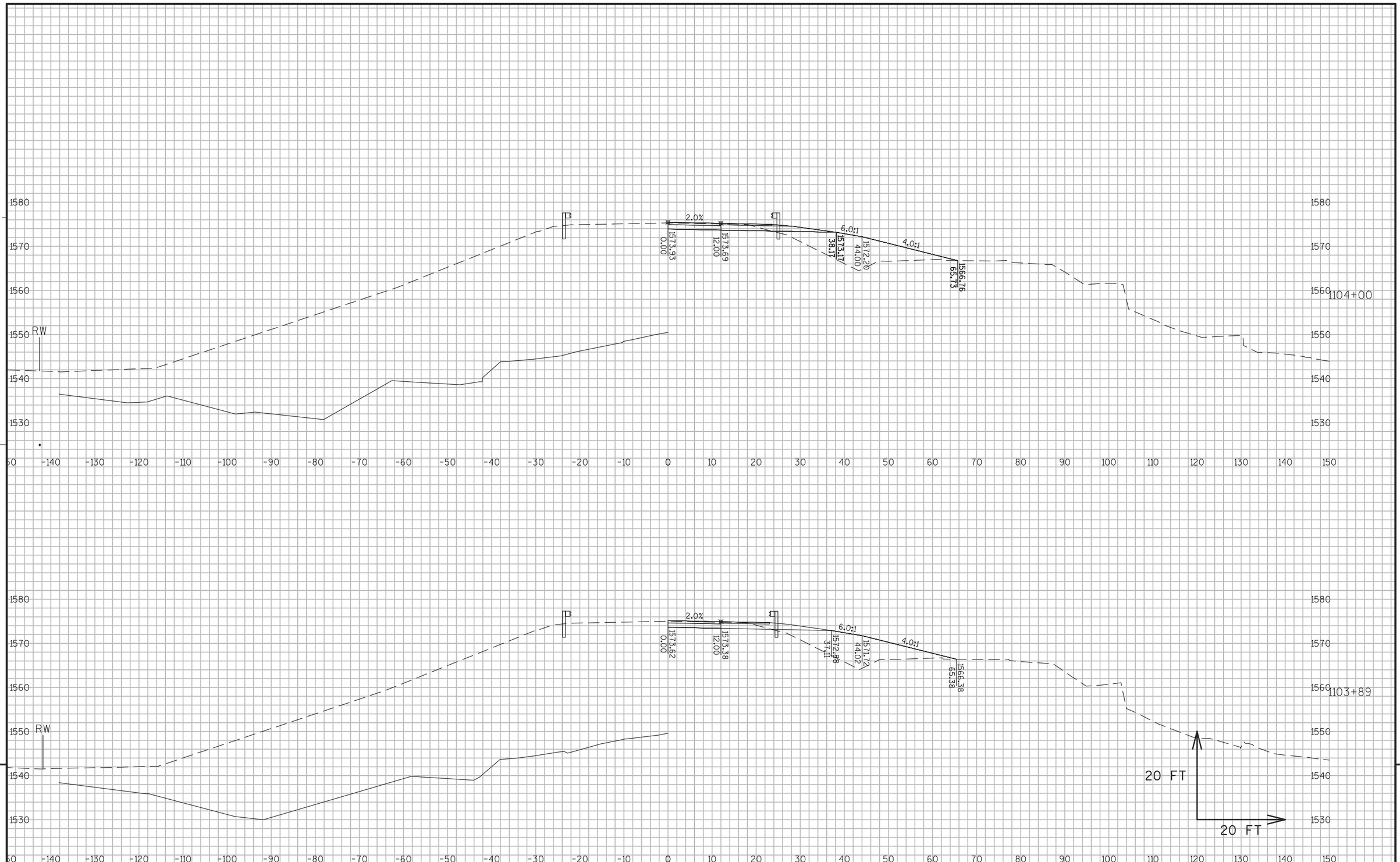


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 710	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1009)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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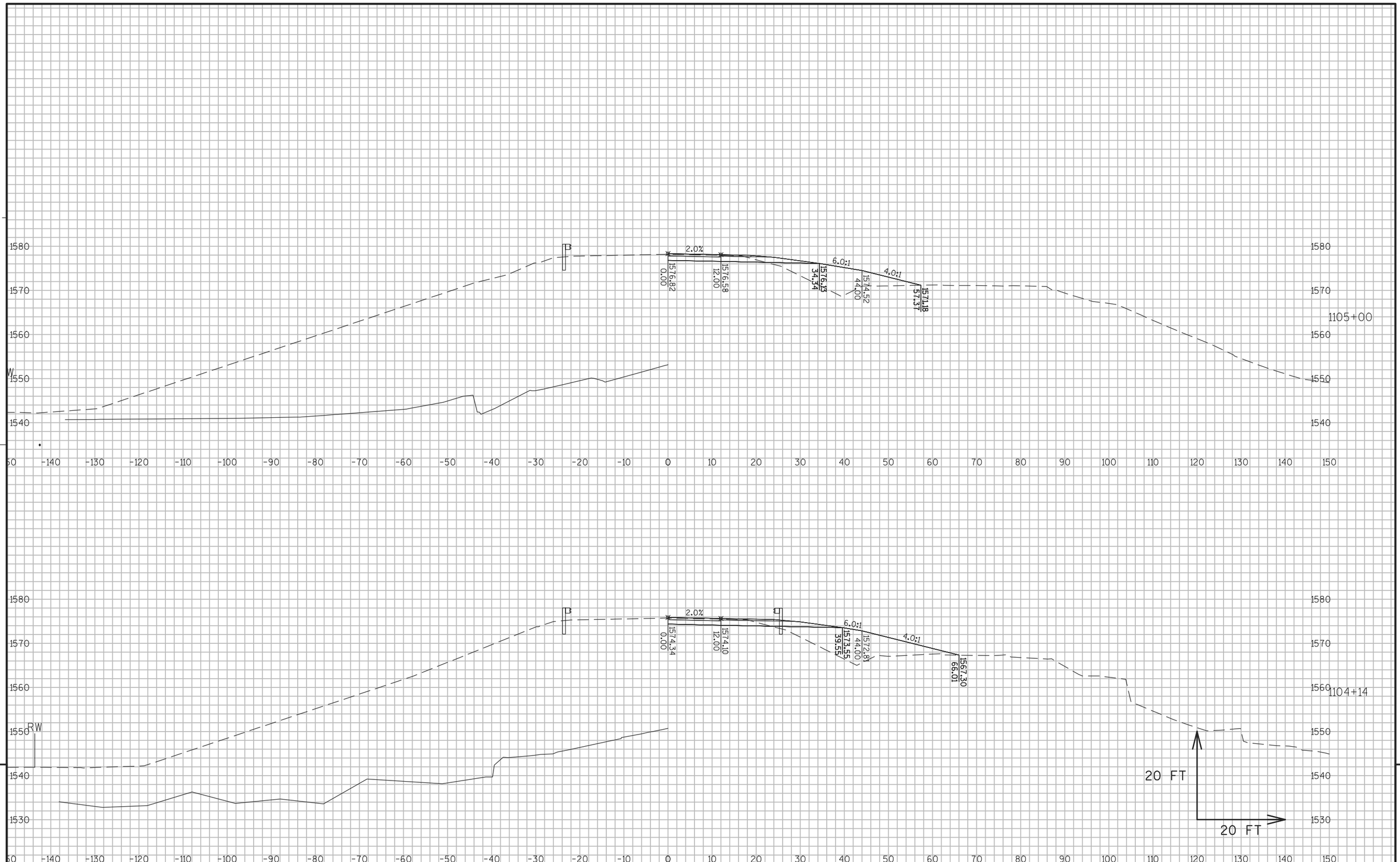
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 711	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1010)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

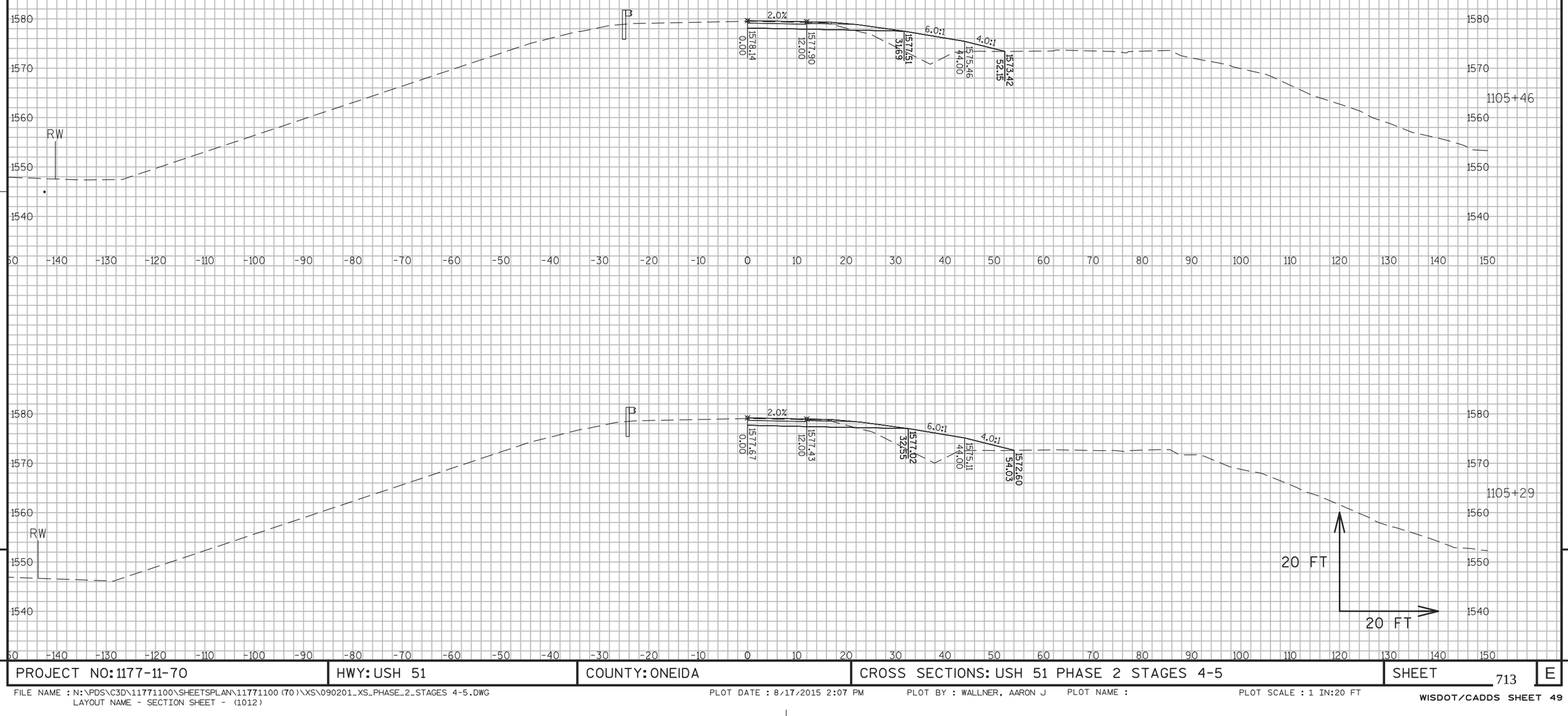


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 712 E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1011)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

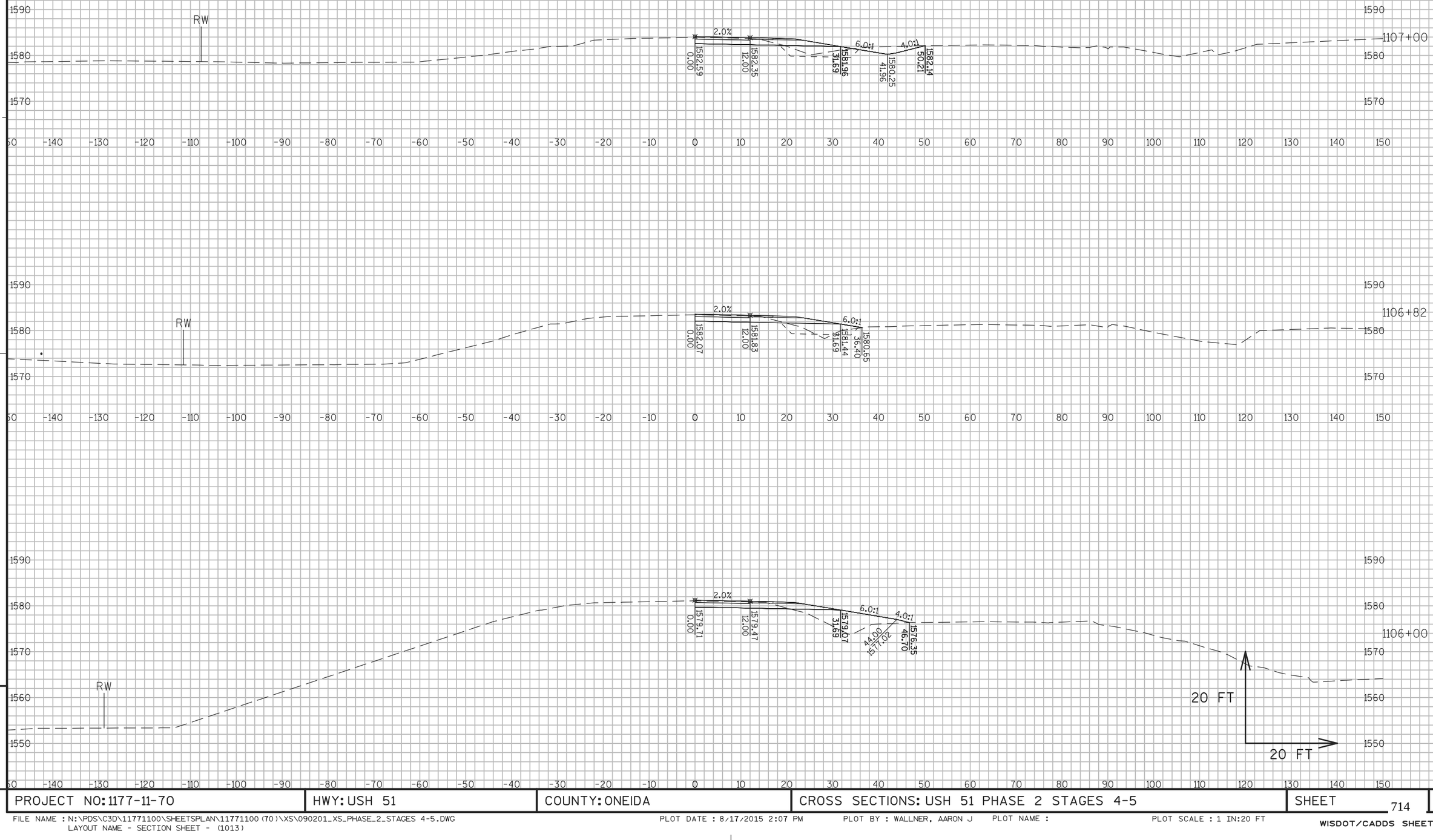
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 713	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1012)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

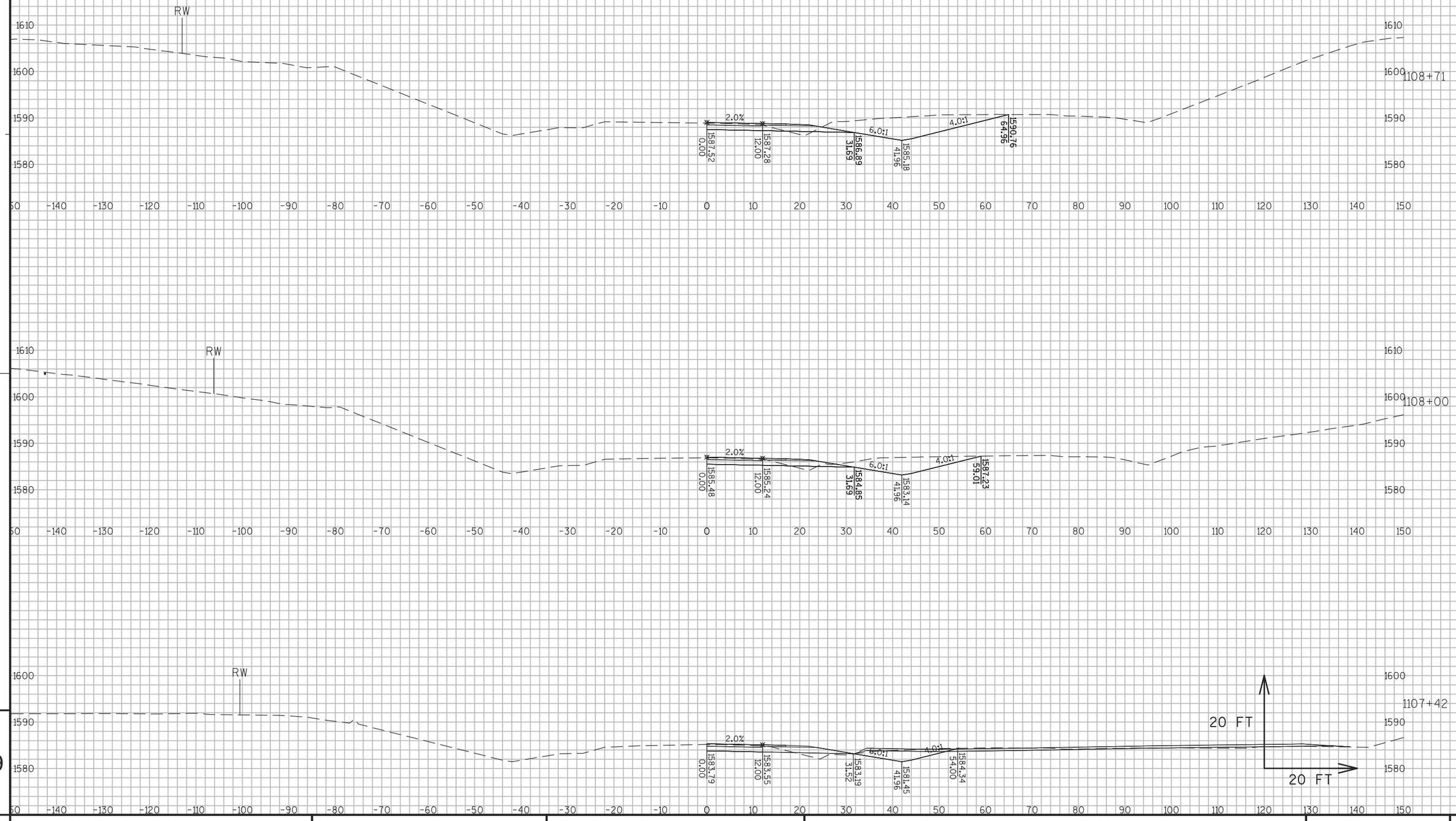


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 714	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1013)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



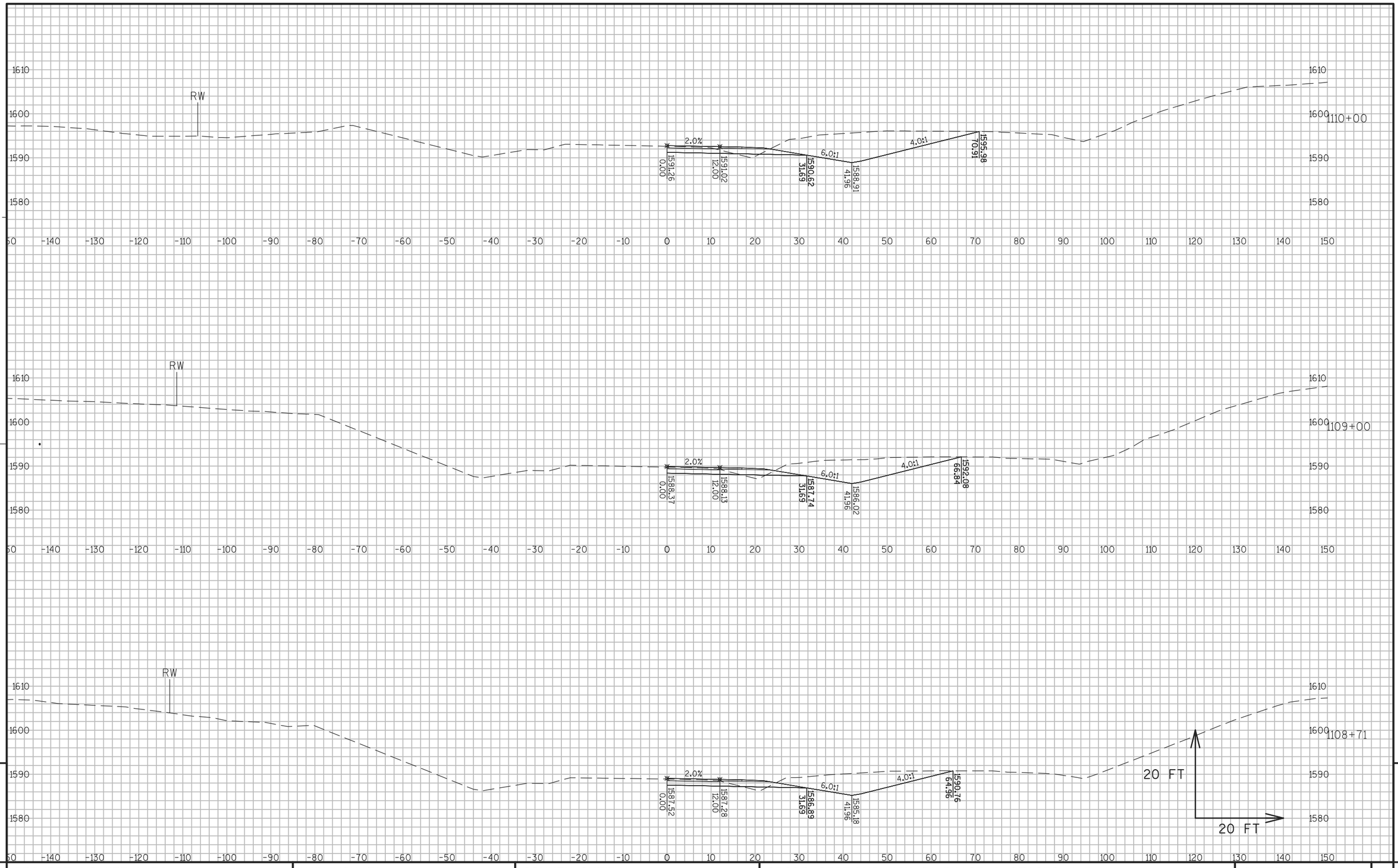
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 715	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1014)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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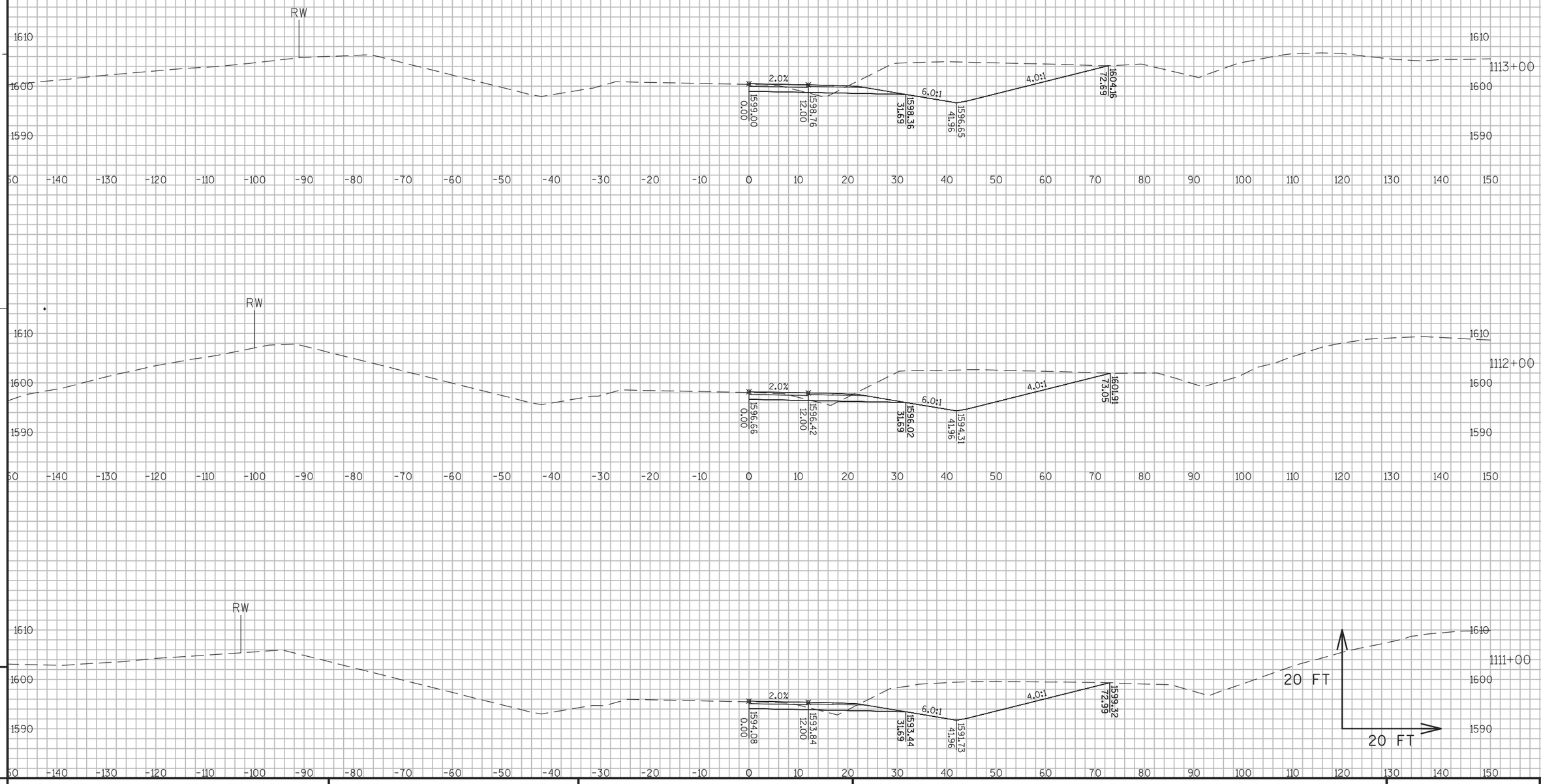
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 716	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1015)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

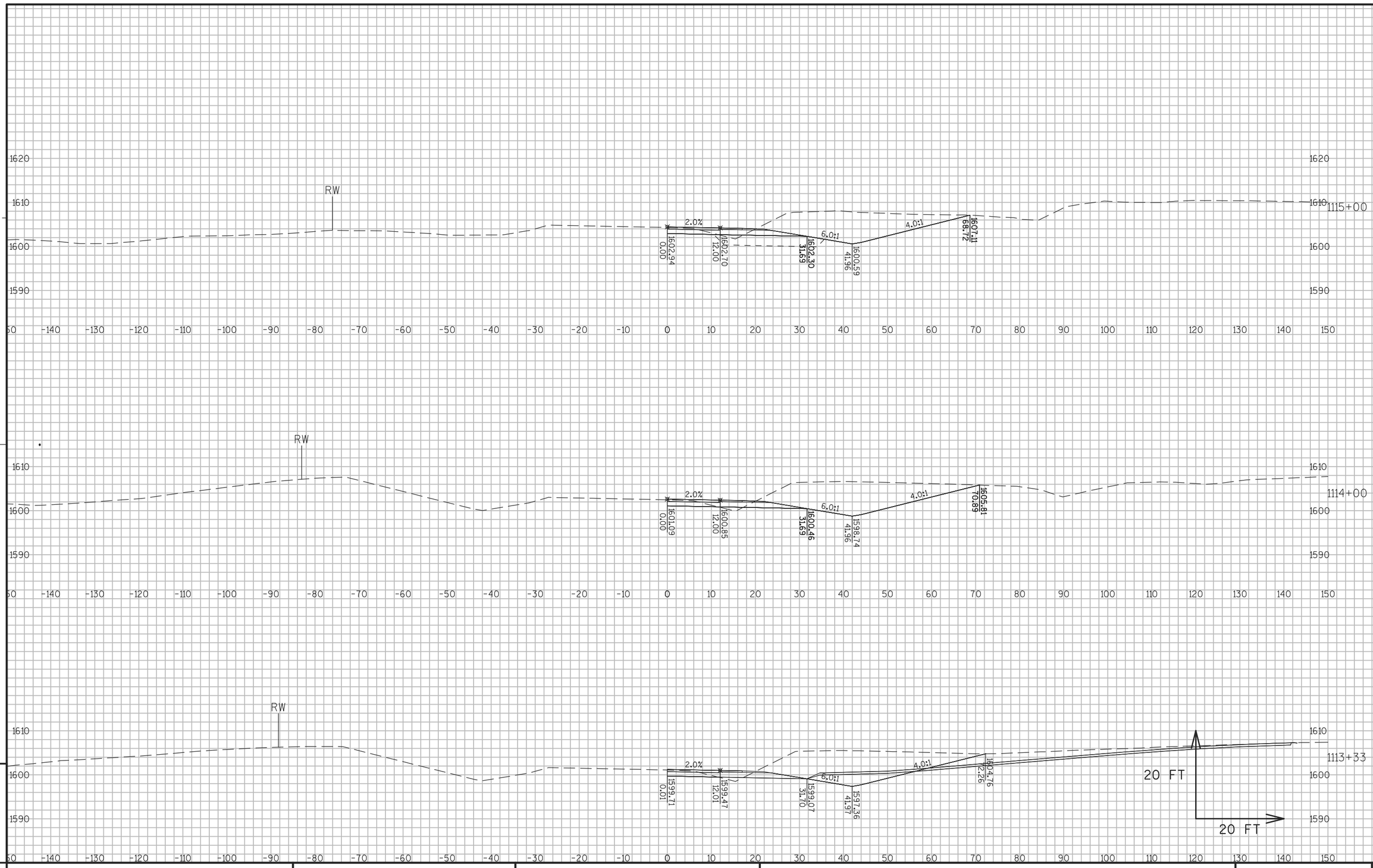
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 717	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1016)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



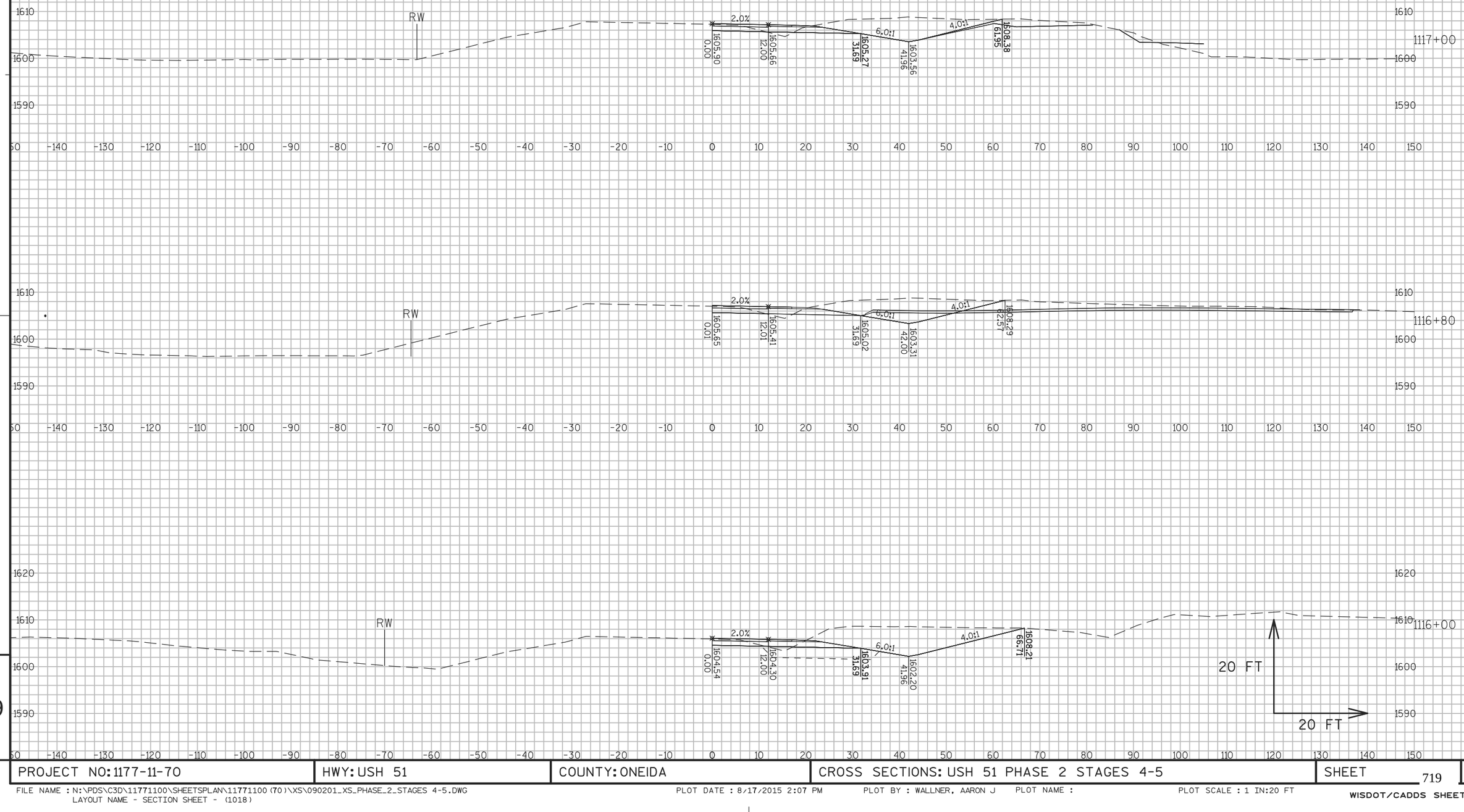
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 718	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1017)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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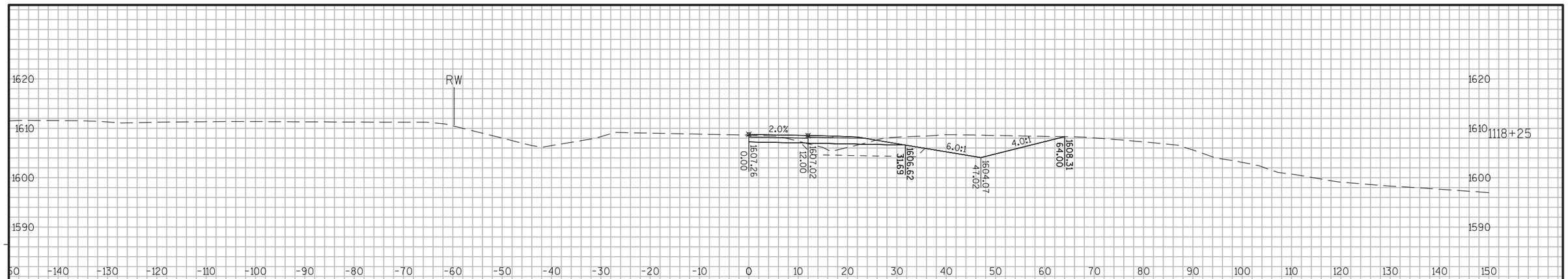
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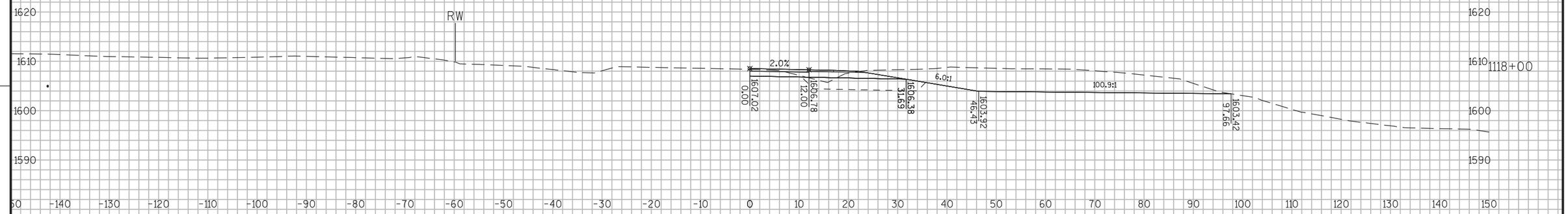
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 719	E

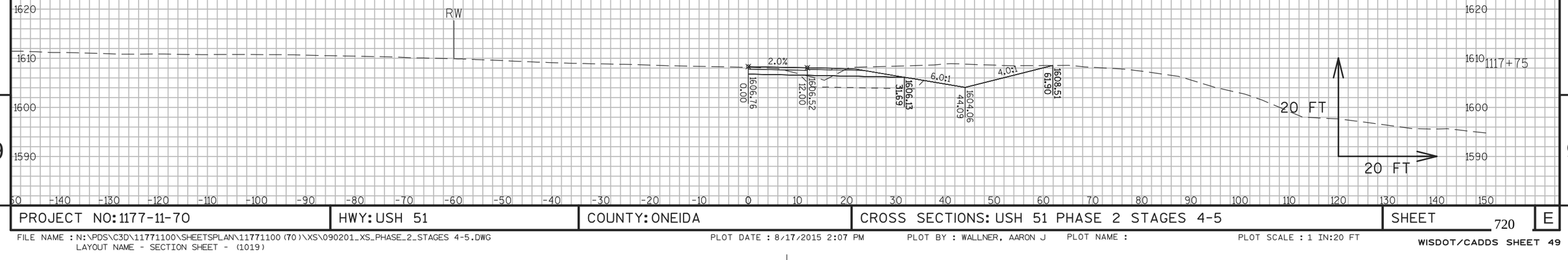
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LAYOUT NAME - SECTION SHEET - (1018)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49







9

9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 720	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1019)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

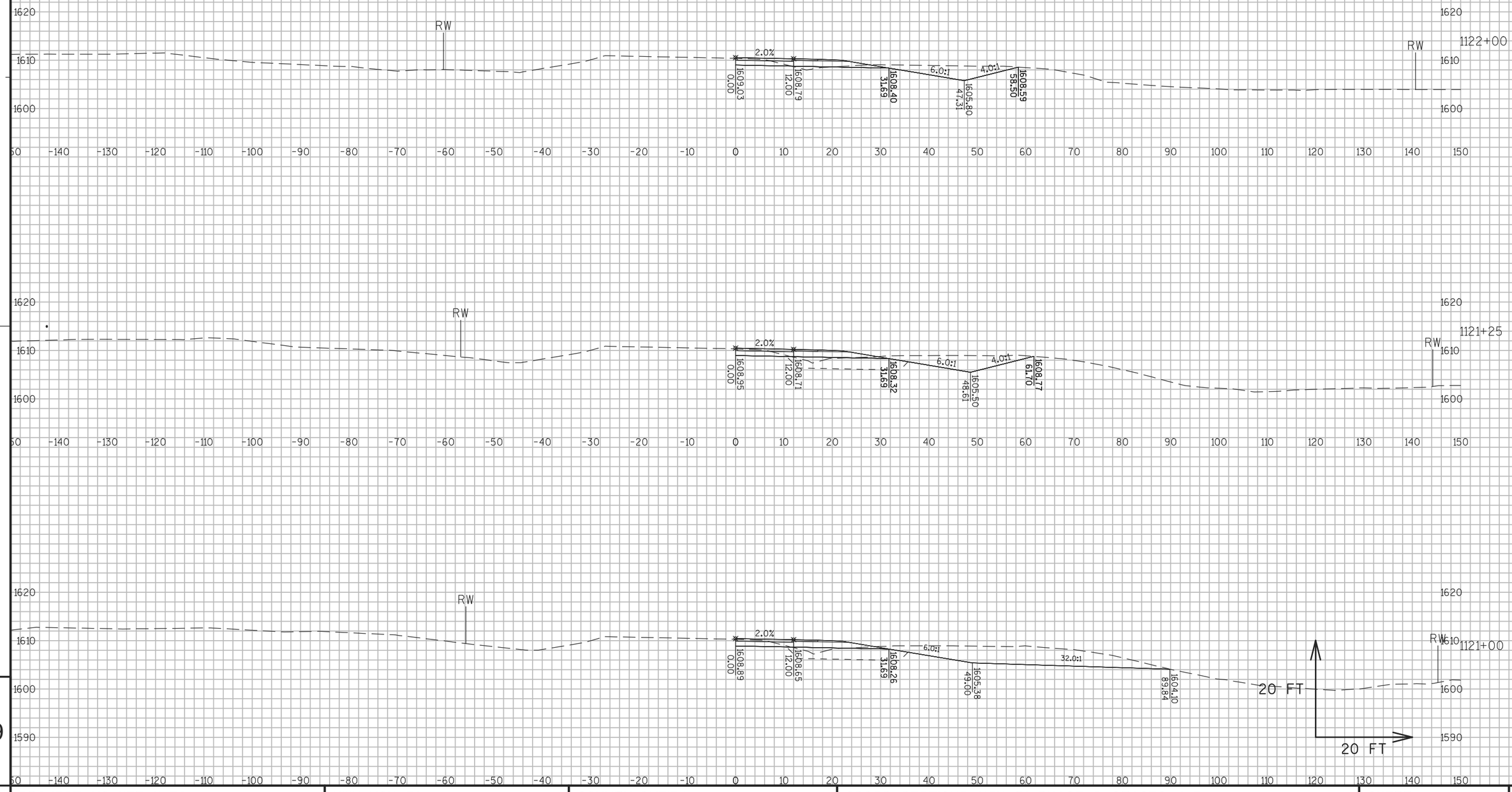
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 721	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1020)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

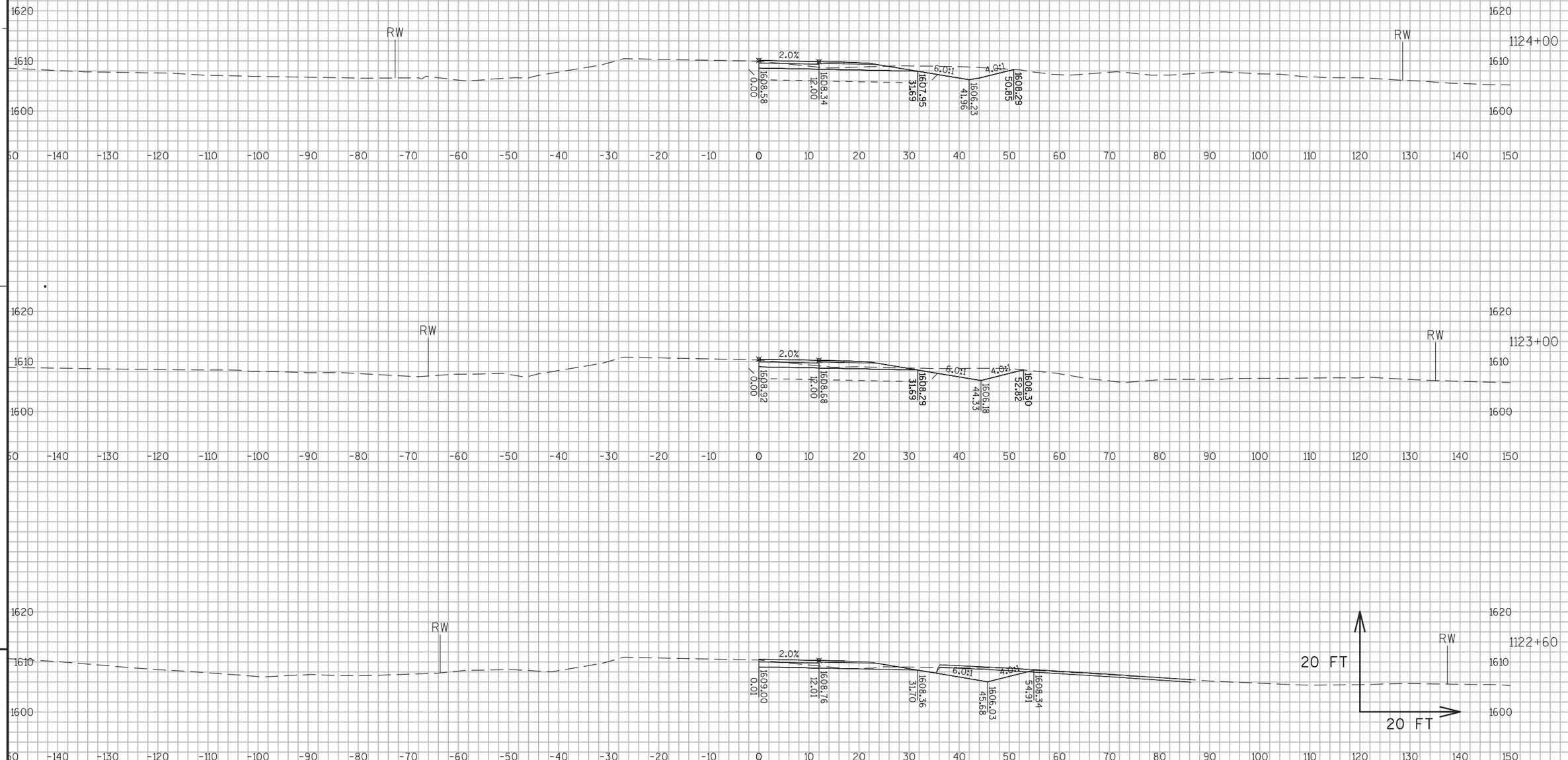


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 722	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1021)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

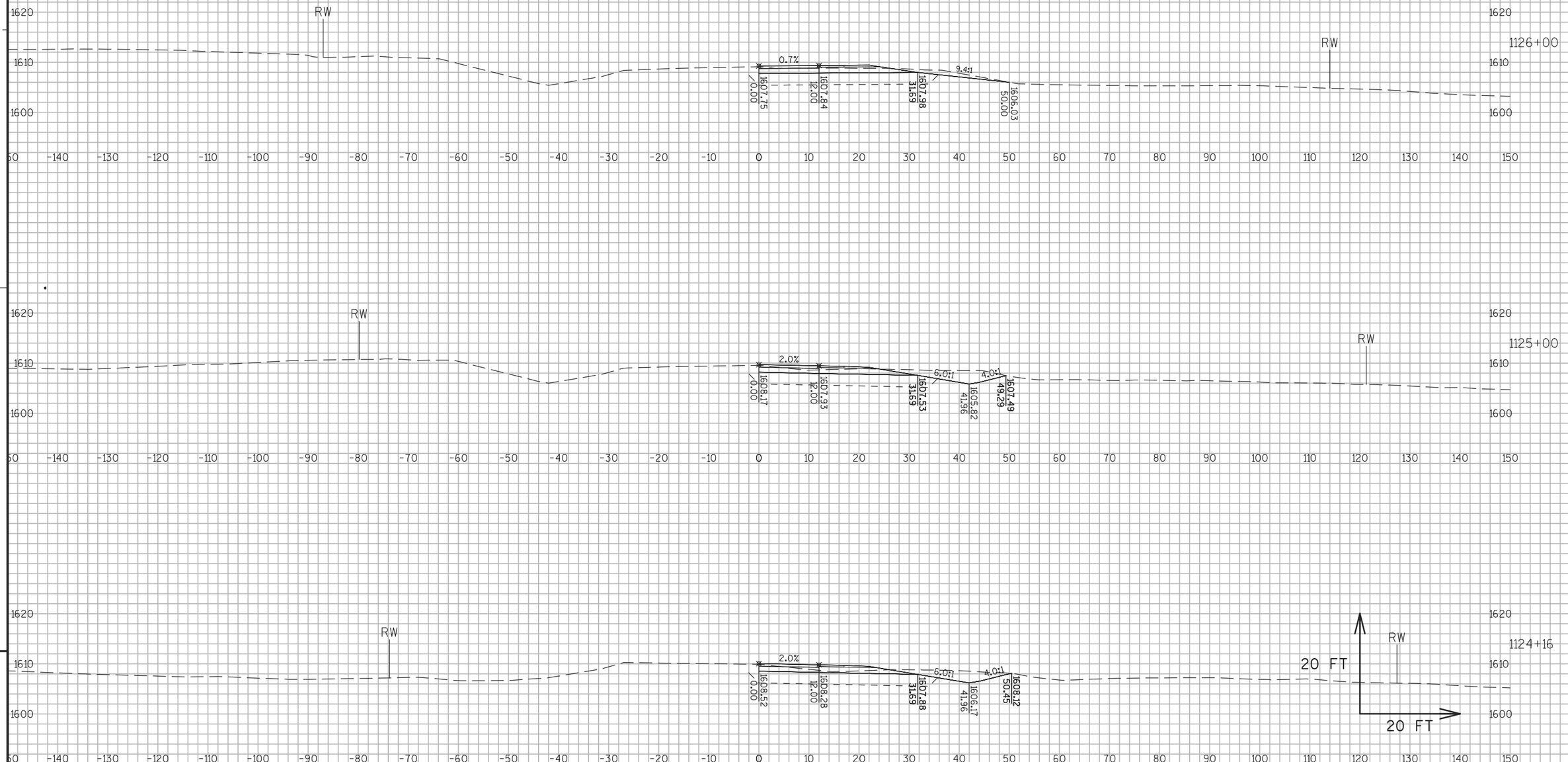


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 723	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1022)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

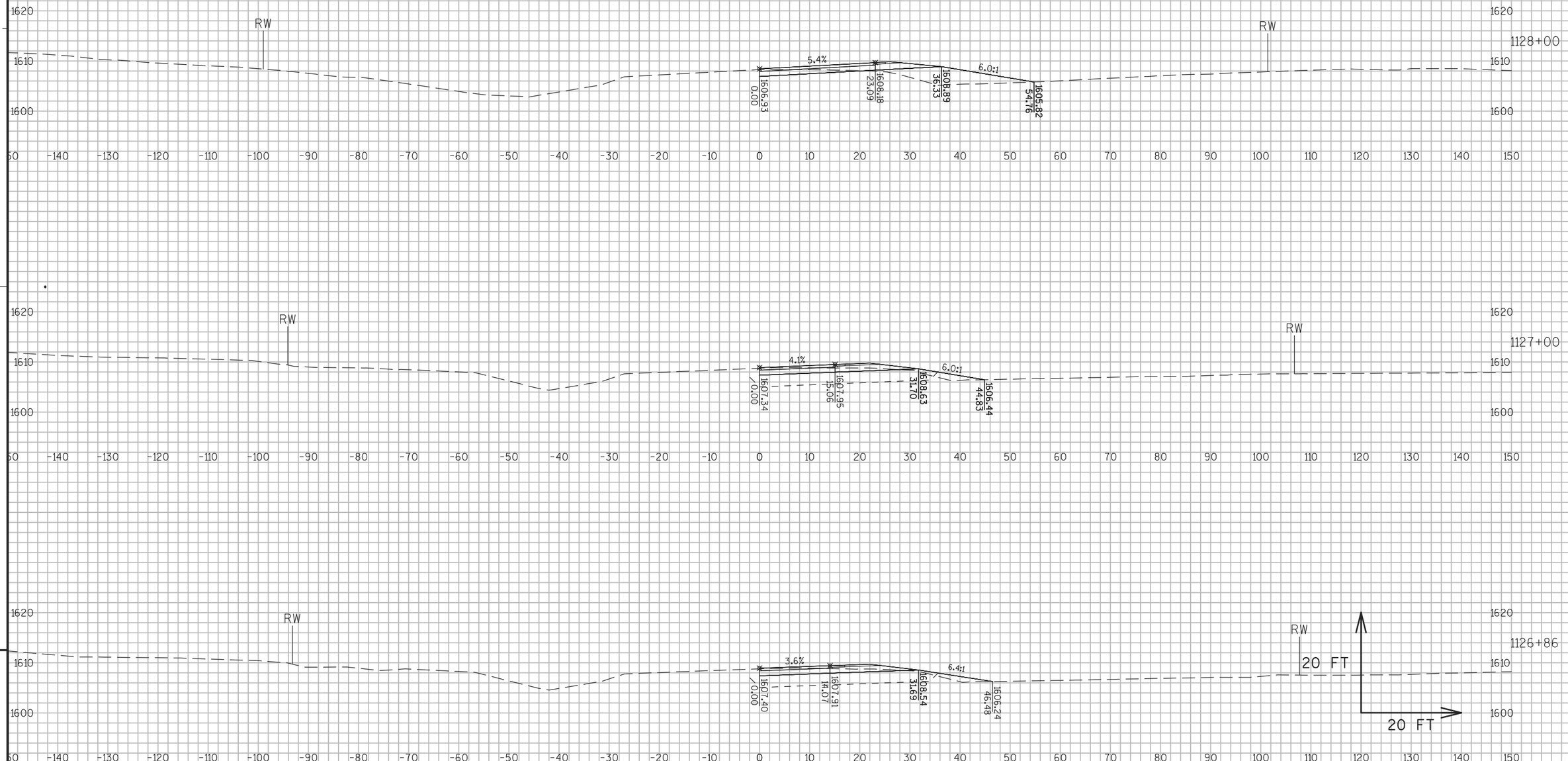


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 724	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1023)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



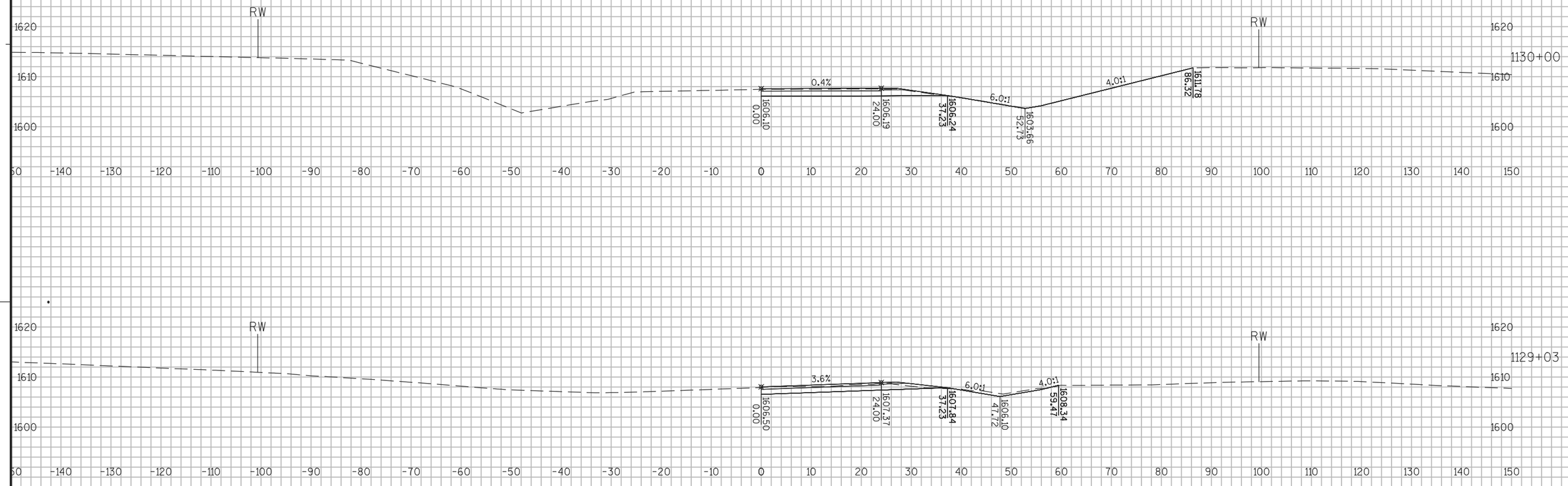
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 725	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1024)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT



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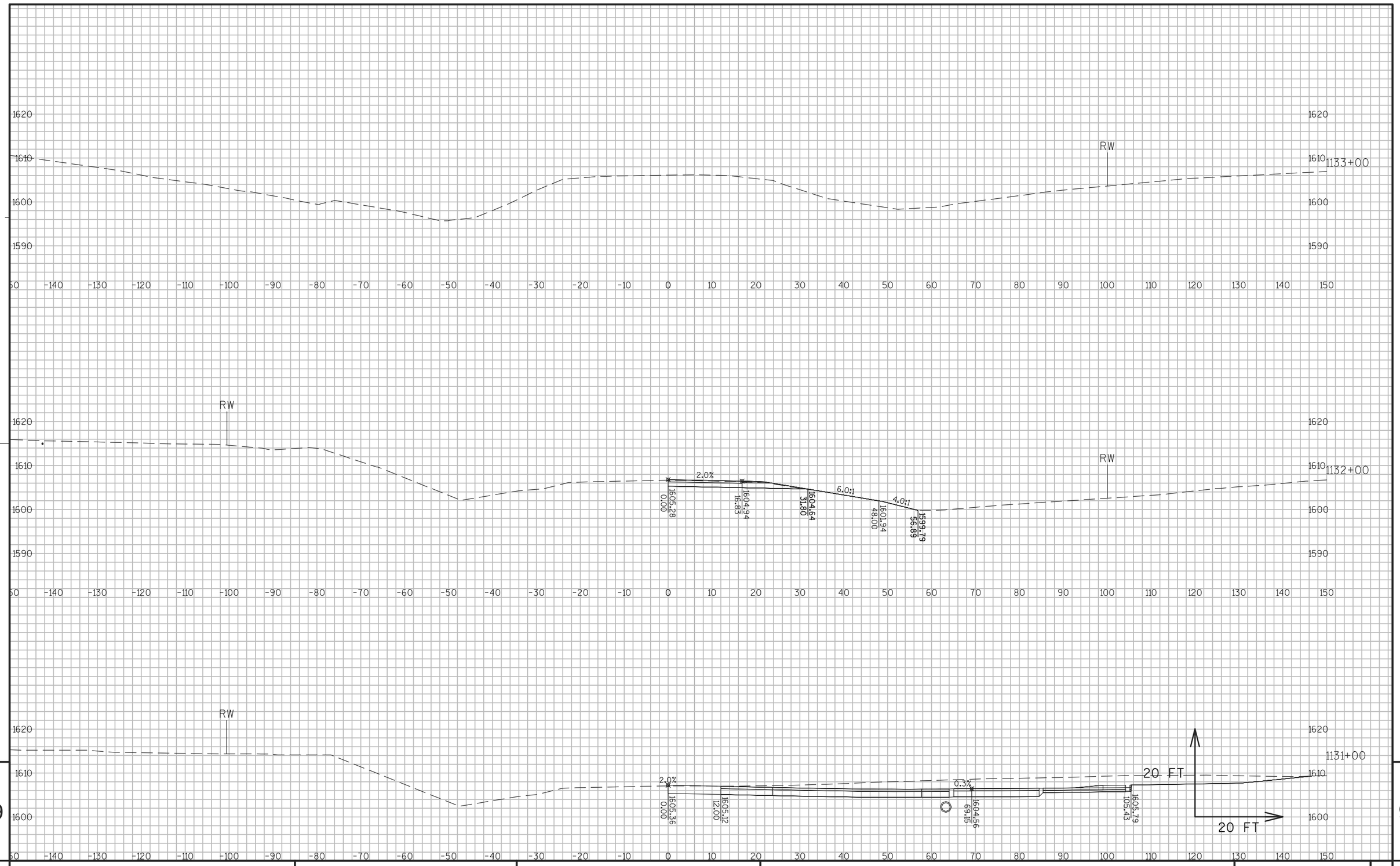
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 726	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1025)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

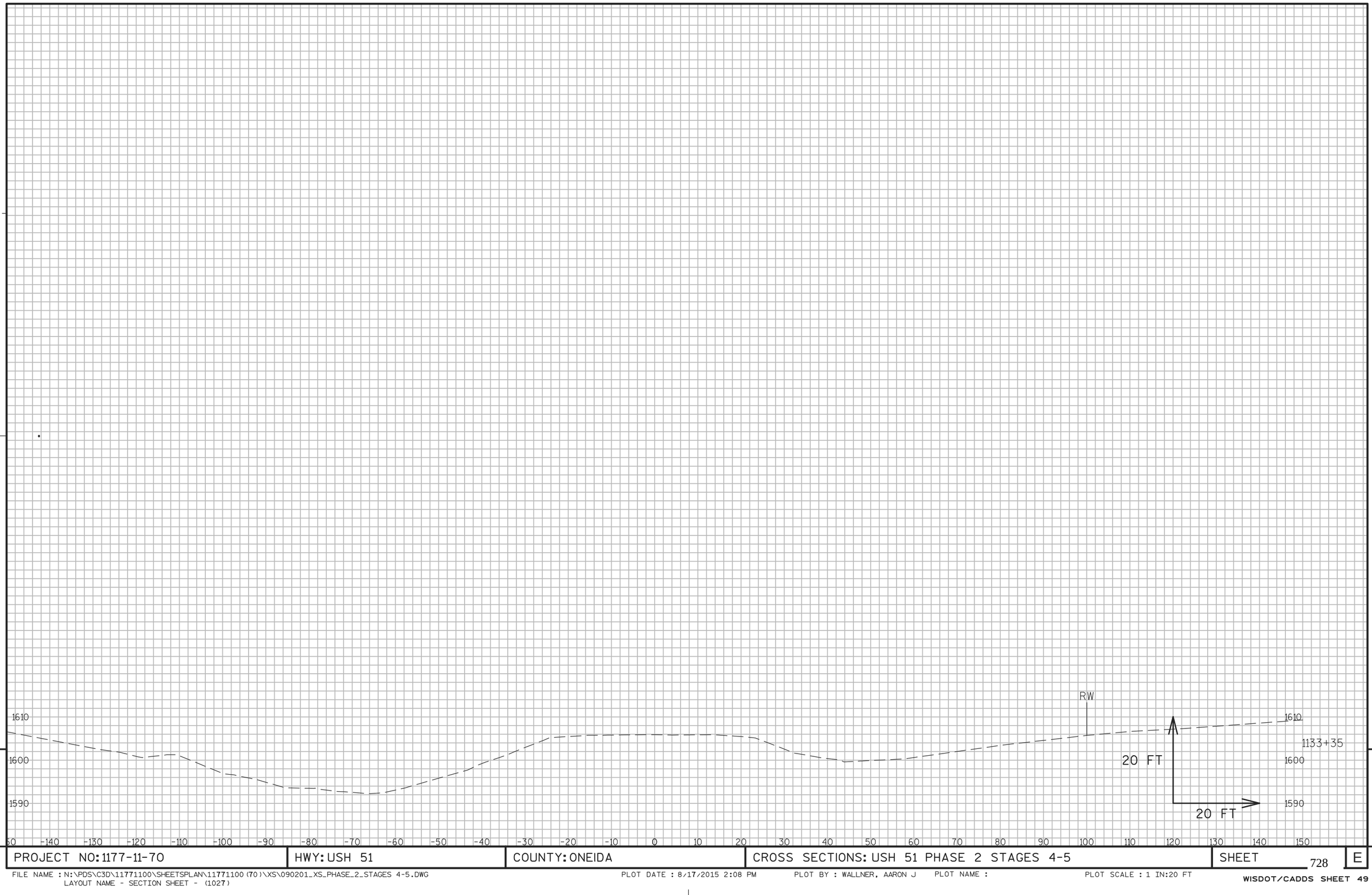
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 727	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1026)

PLOT DATE : 8/17/2015 2:07 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

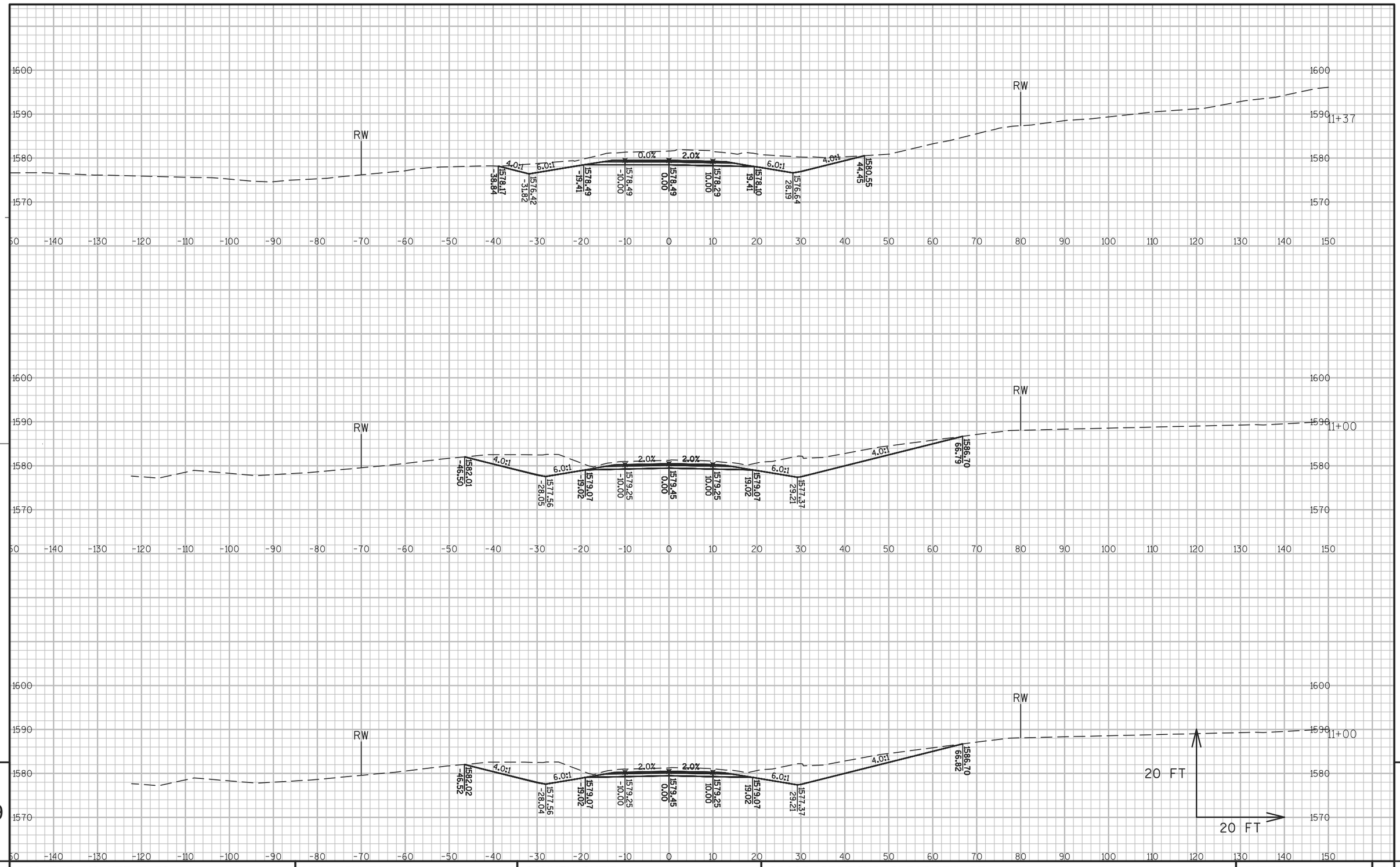


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: USH 51 PHASE 2 STAGES 4-5	SHEET 728	E

FILE NAME : N:\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PHASE_2_STAGES 4-5.DWG
LAYOUT NAME - SECTION SHEET - (1027)
PLOT DATE : 8/17/2015 2:08 PM PLOT BY : WALLNER, AARON J PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



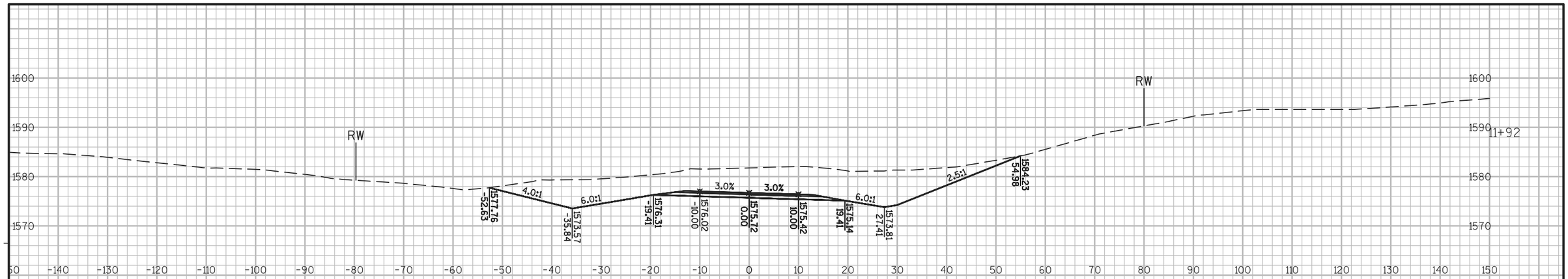
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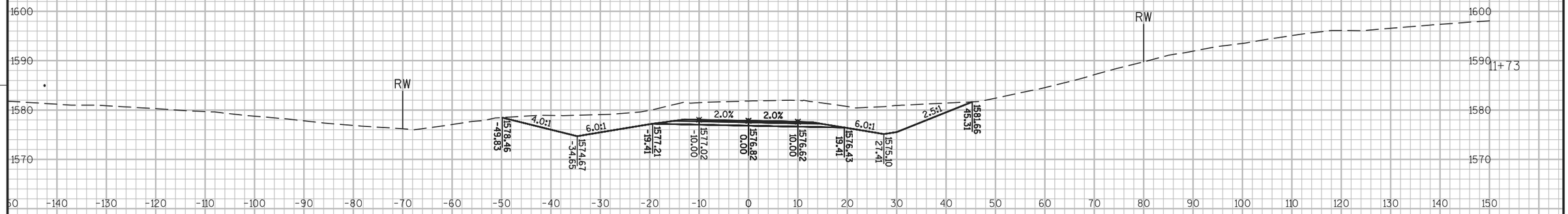
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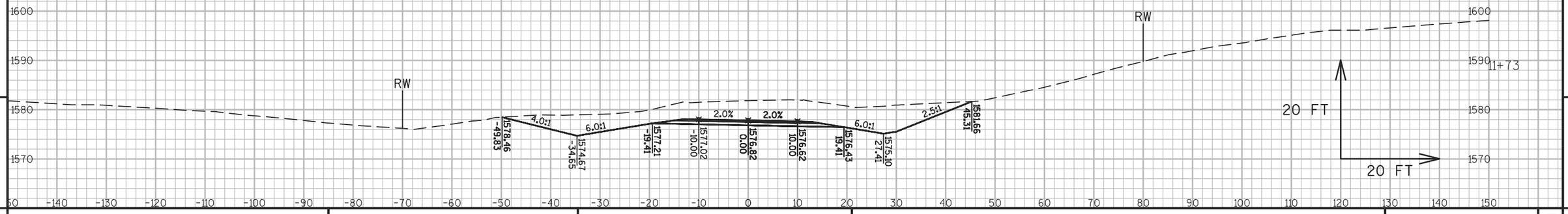
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: CLEARVIEW CT.	SHEET 729	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (378)

PLOT DATE : 10/20/2015 3:06 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF







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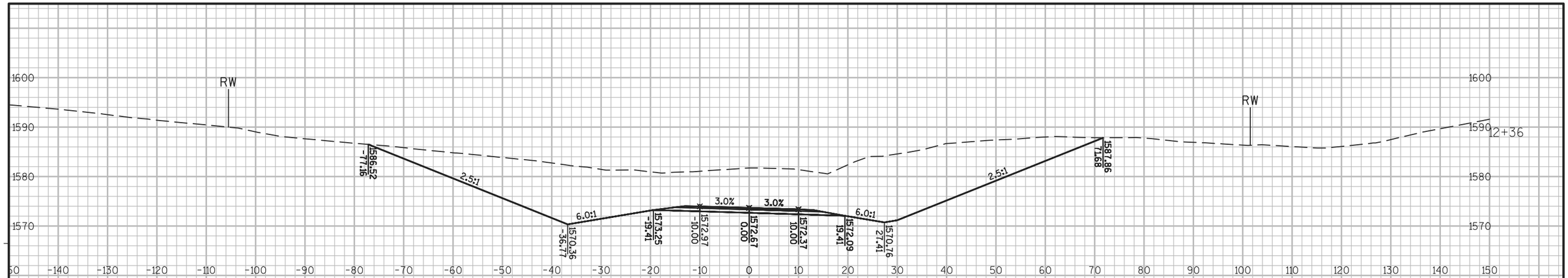
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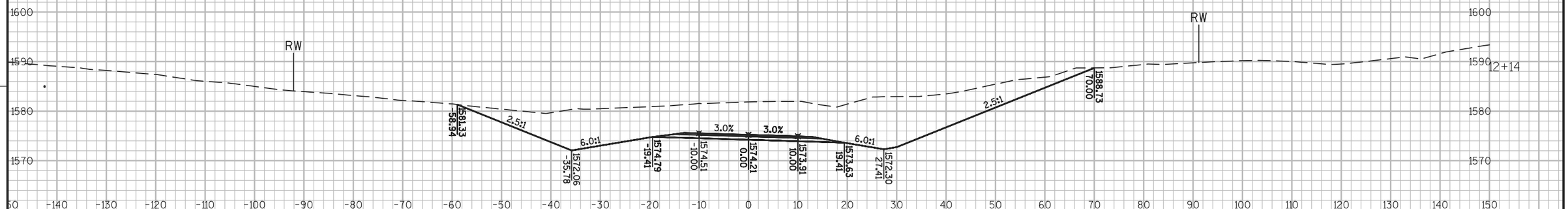
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: CLEARVIEW CT.	SHEET 730	E

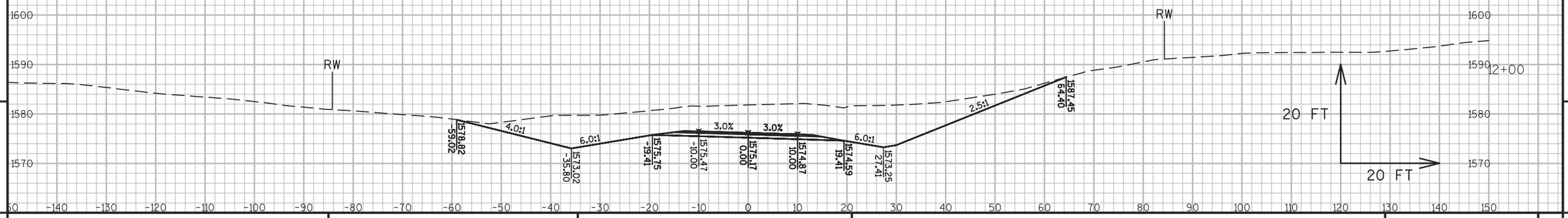
FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (379)

PLOT DATE : 10/20/2015 3:06 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49





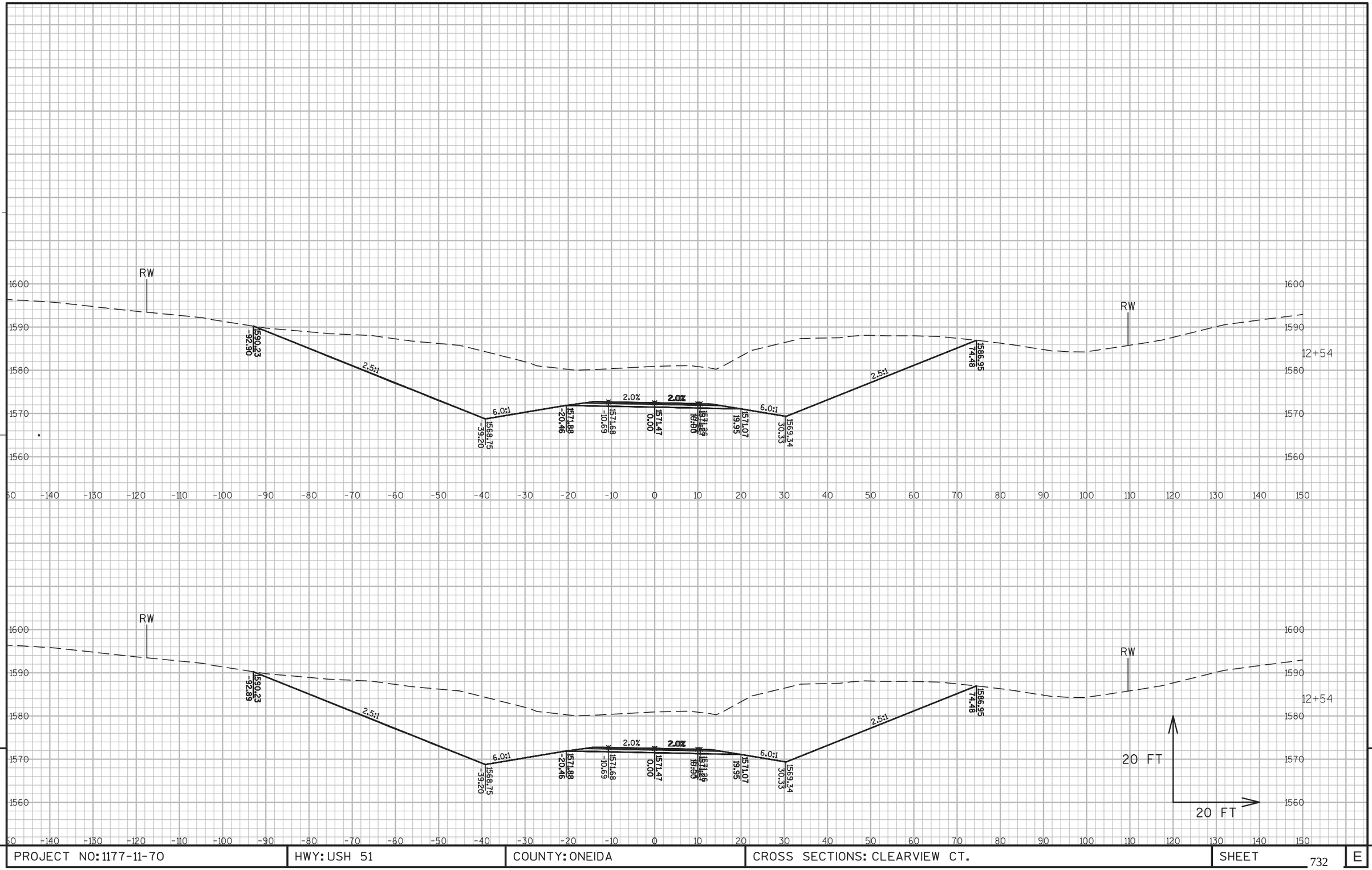


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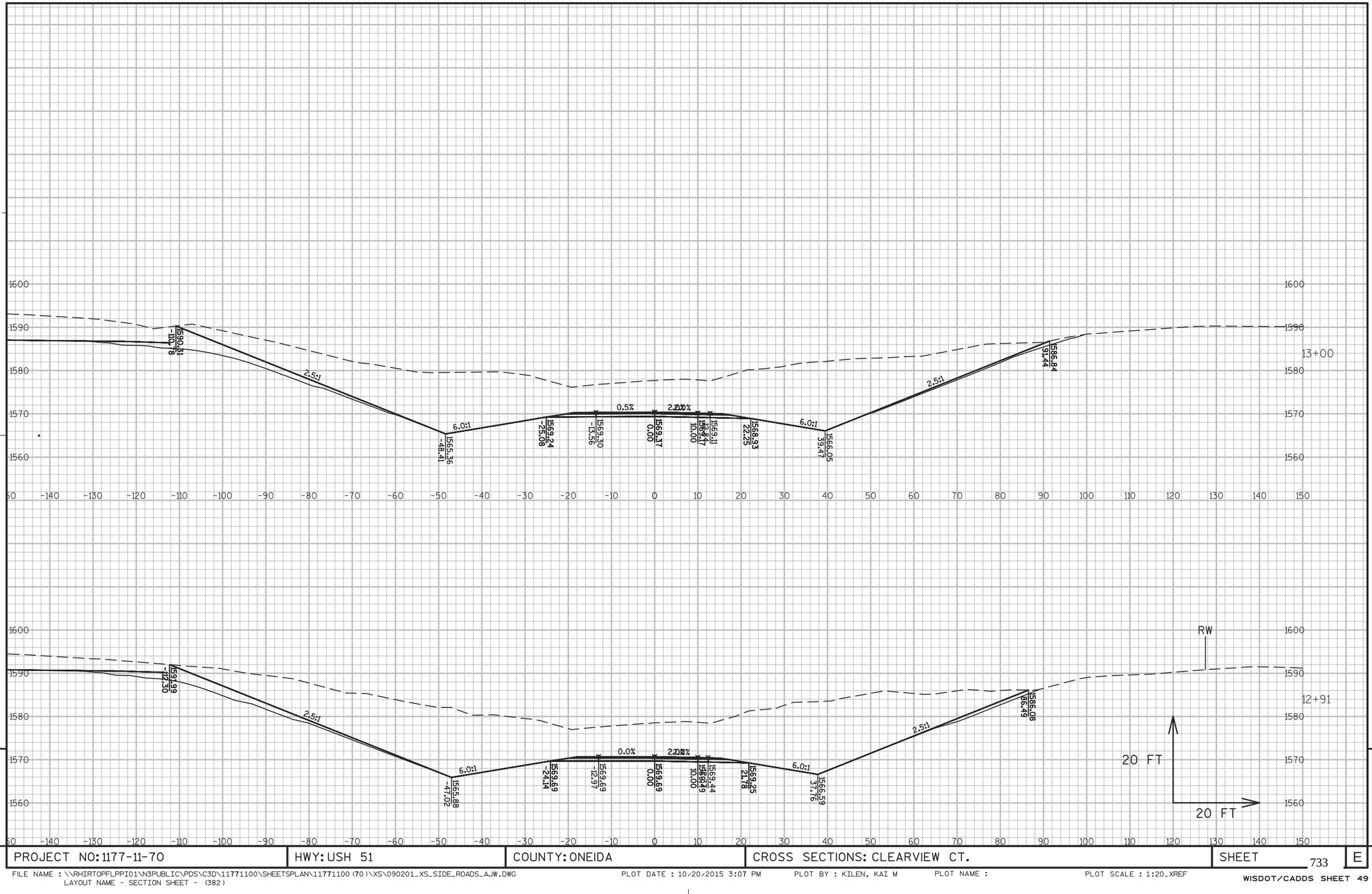
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: CLEARVIEW CT.	SHEET 731	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (380)
PLOT DATE : 10/20/2015 3:06 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



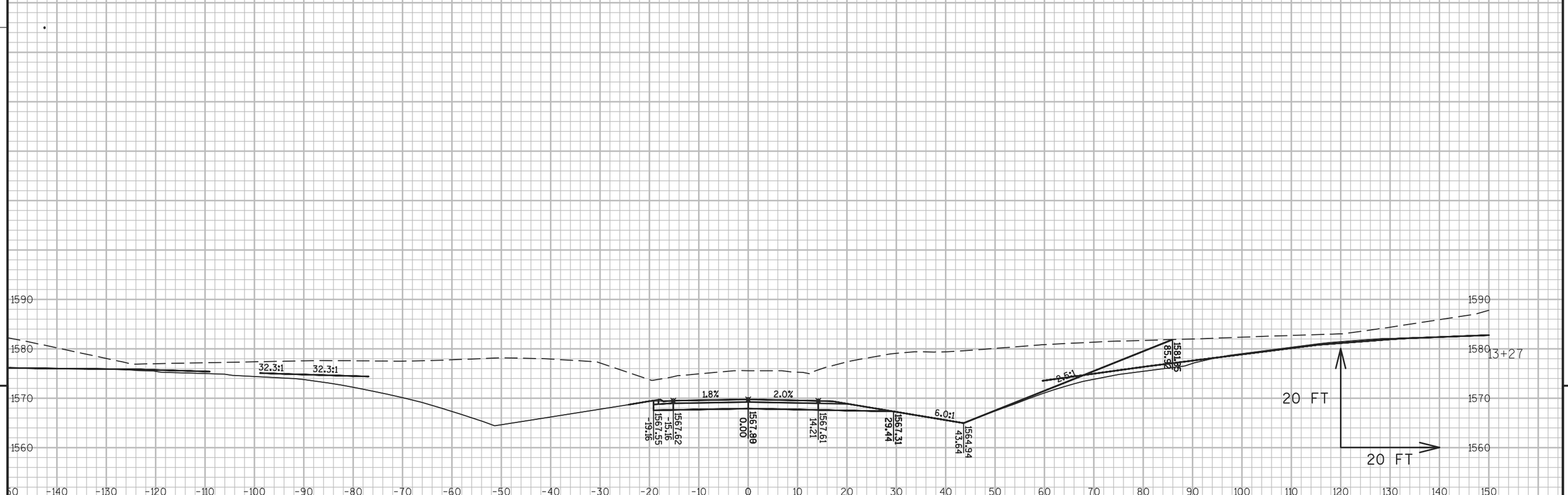
PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: CLEARVIEW CT.	SHEET 732	E



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: CLEARVIEW CT.	SHEET 733	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (382)

PLOT DATE : 10/20/2015 3:07 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF



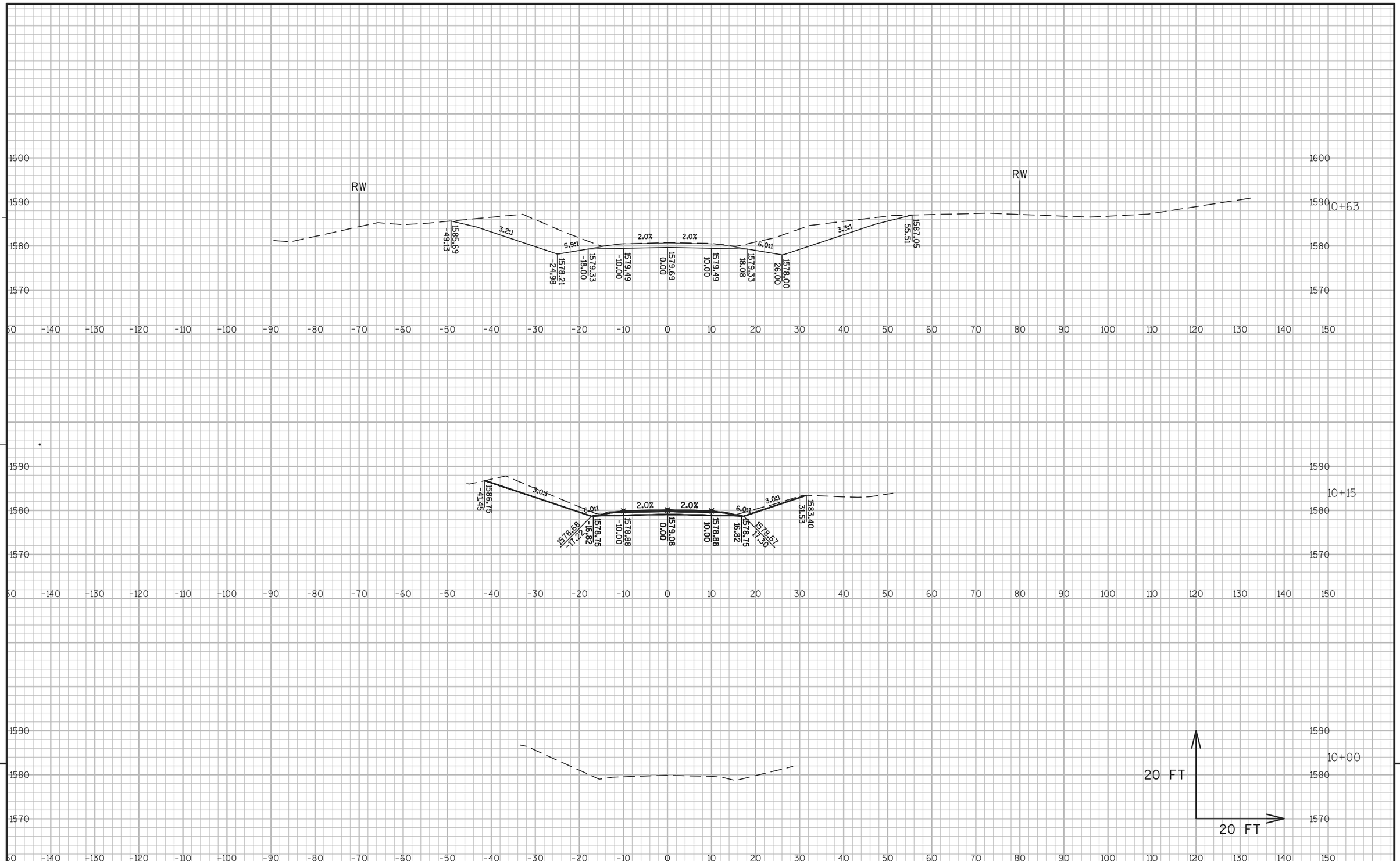
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: CLEARVIEW CT.	SHEET 734	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (383)

PLOT DATE : 10/20/2015 3:08 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF

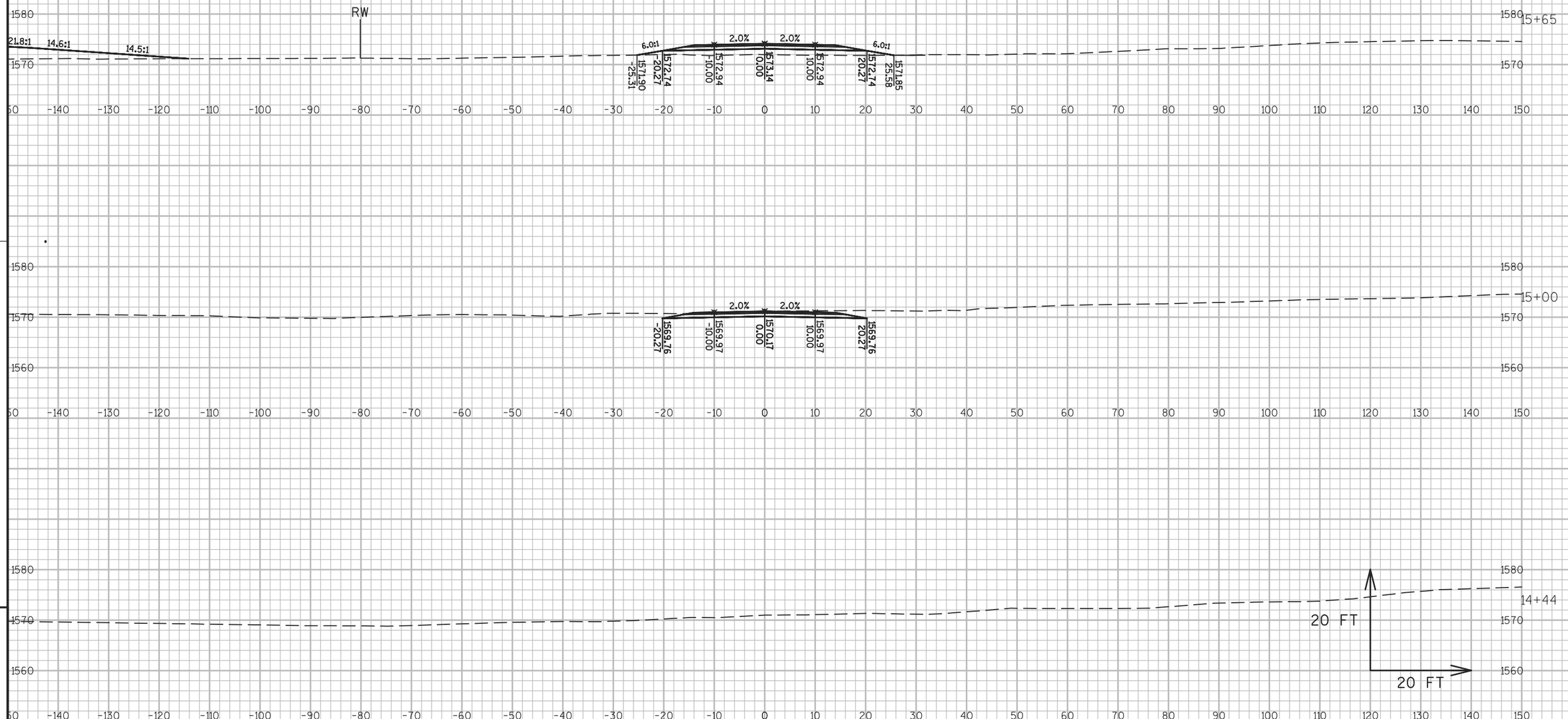


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: CLEARVIEW CT.	SHEET 735 E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (377)

PLOT DATE : 10/20/2015 3:08 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

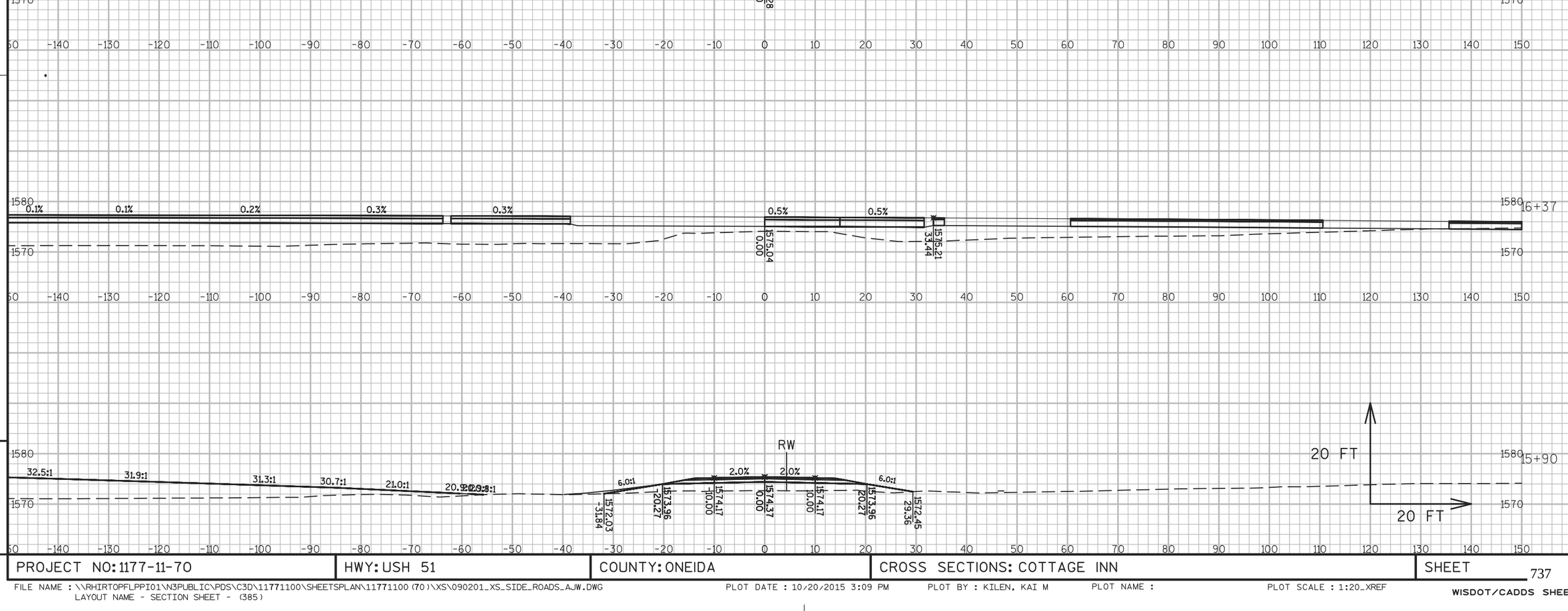


PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: COTTAGE INN	SHEET 736	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (384)

PLOT DATE : 10/20/2015 3:08 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

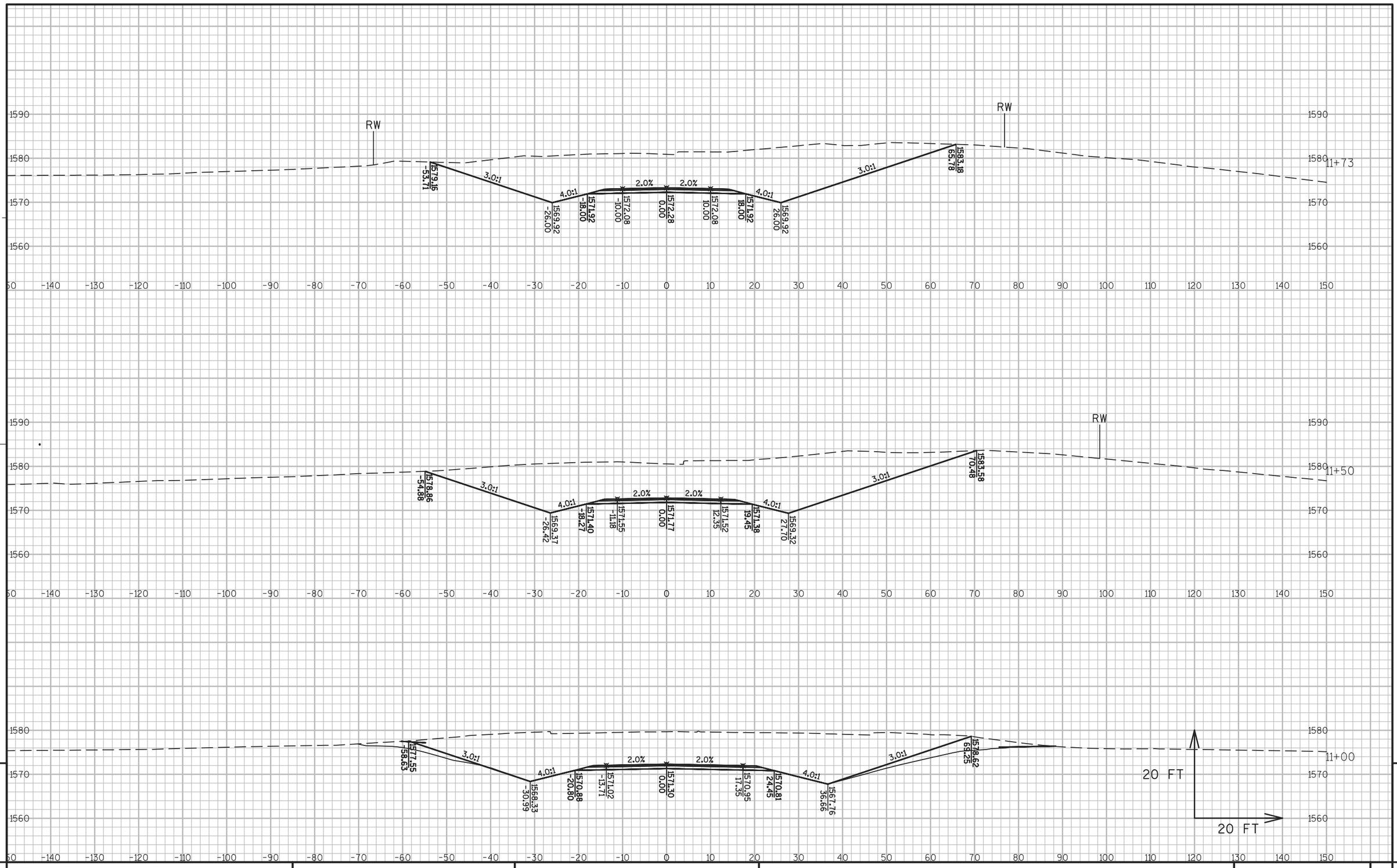


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: COTTAGE INN	SHEET 737	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (385)
PLOT DATE : 10/20/2015 3:09 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

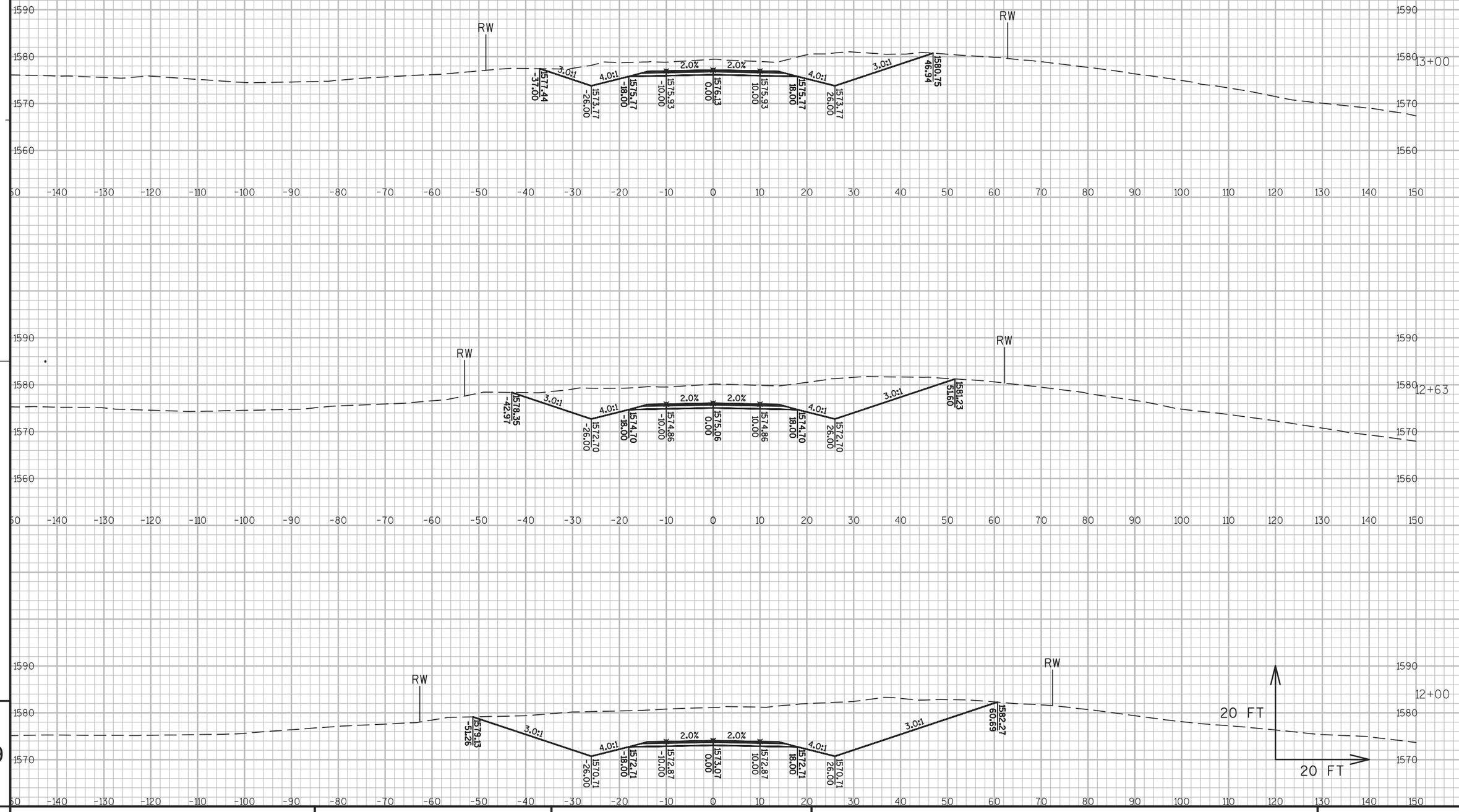


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: JACKSON HEIGHTS ROAD	SHEET 738	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (386)

PLOT DATE : 10/20/2015 3:09 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF

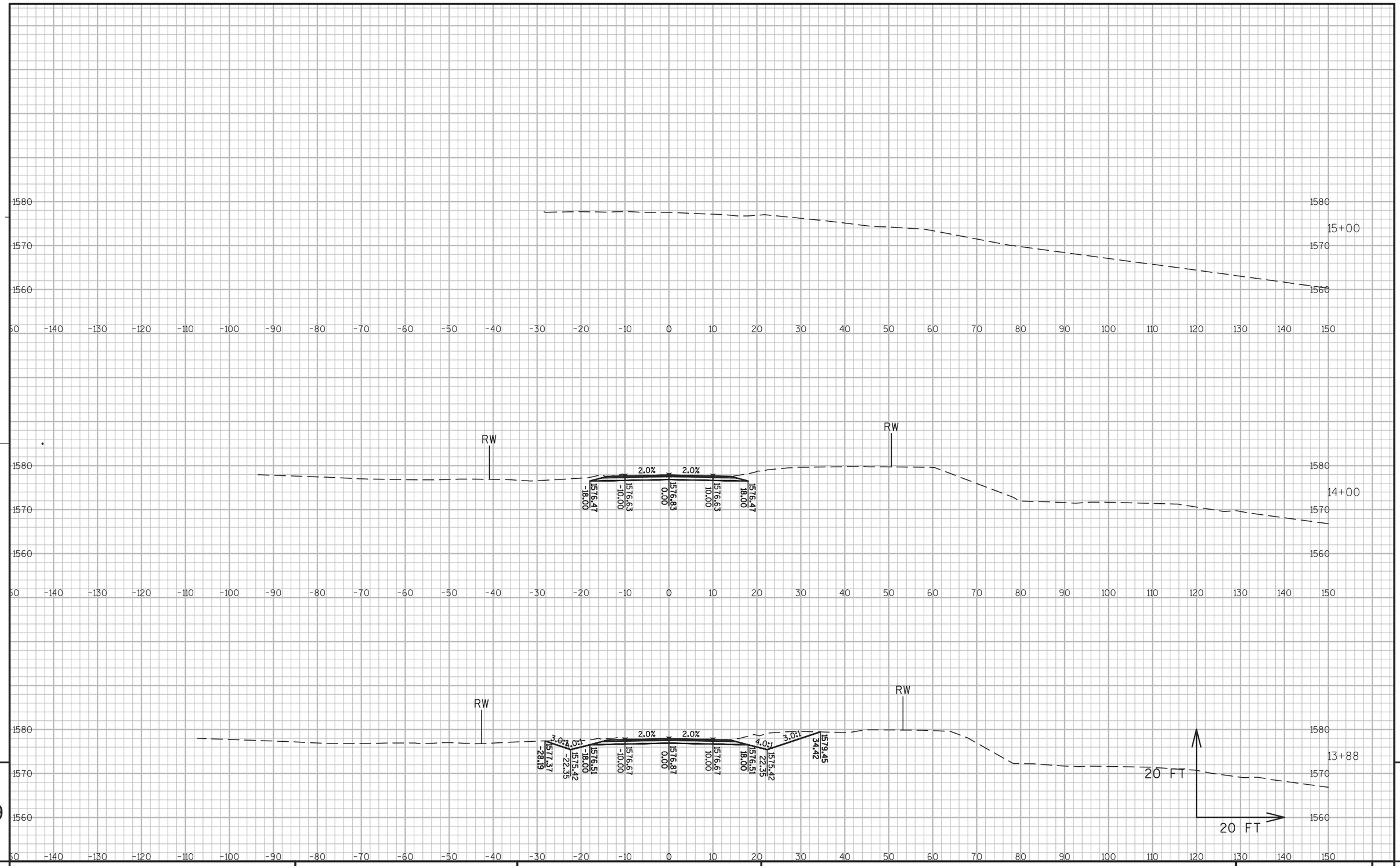


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: JACKSON HEIGHTS ROAD	SHEET 739	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (387)
PLOT DATE : 10/20/2015 3:09 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



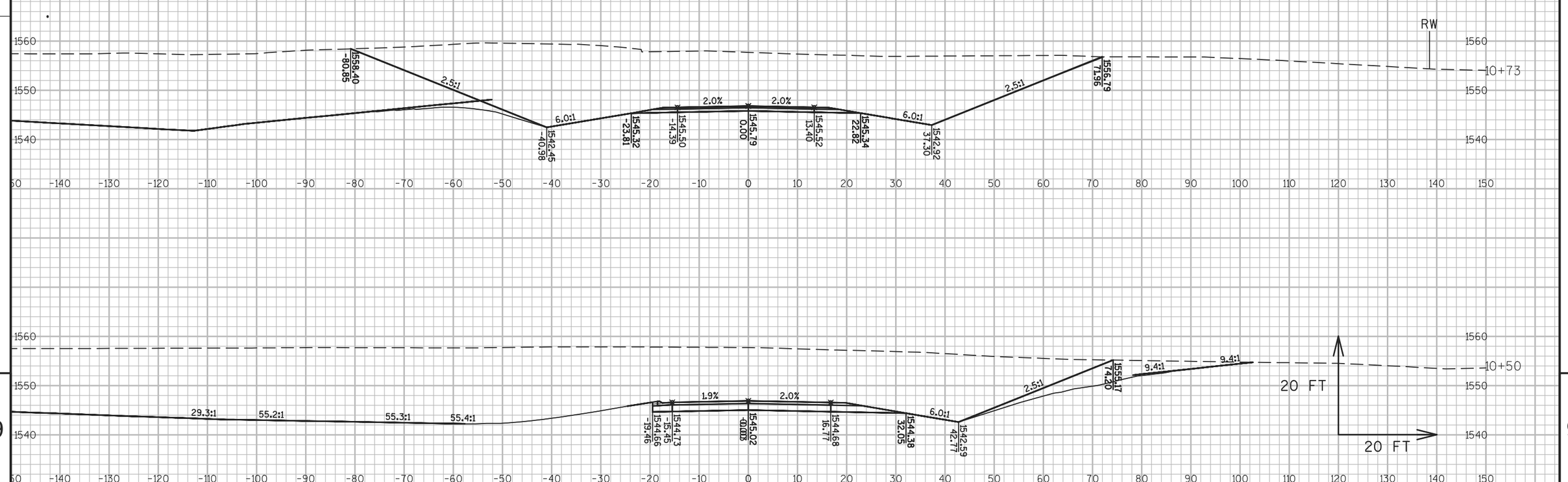
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: JACKSON HEIGHTS ROAD	SHEET 740	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (388)
PLOT DATE : 10/20/2015 3:10 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49





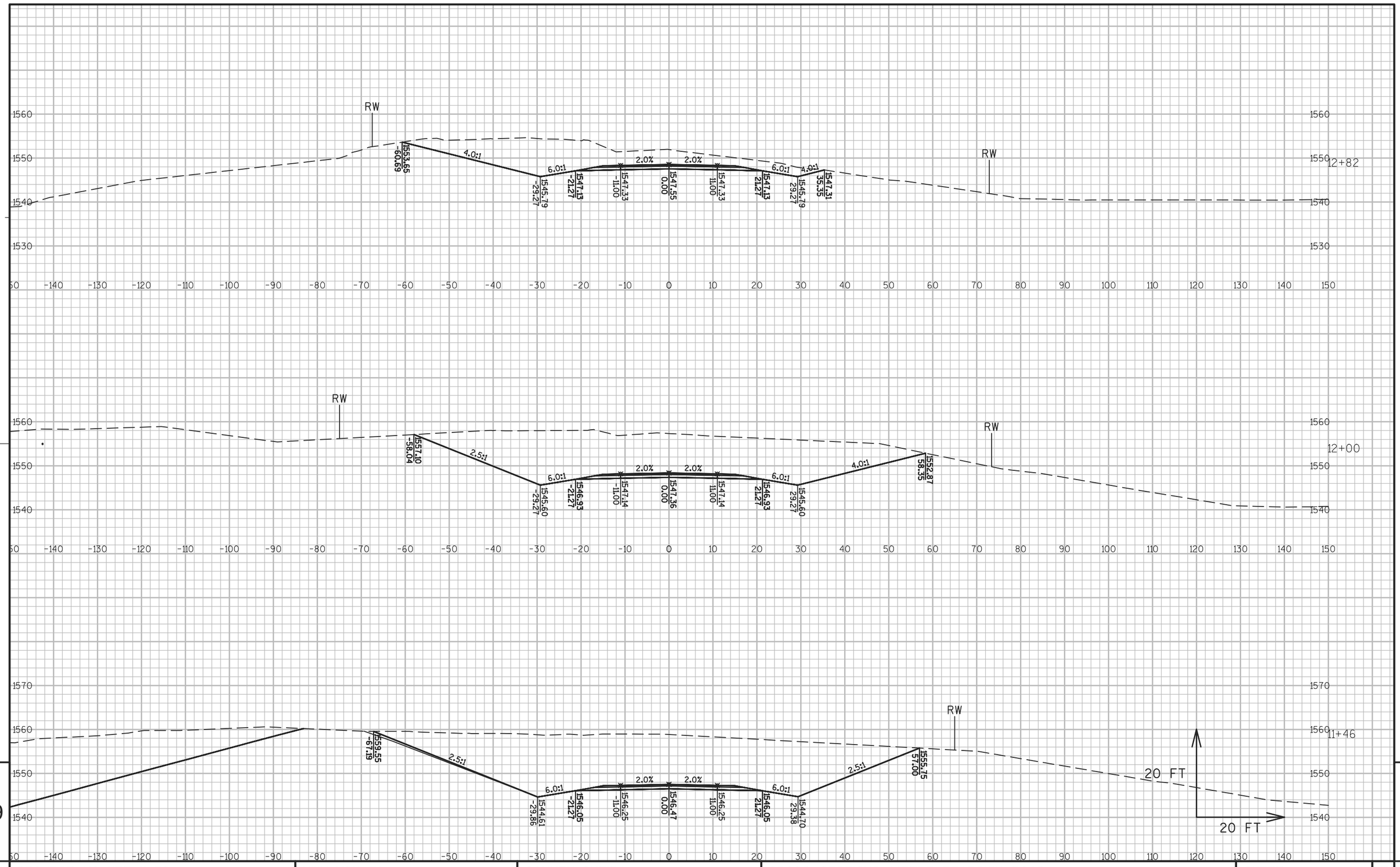
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: LITTLE BEARSKIN ROAD	SHEET 741	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100 (70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (389)

PLOT DATE : 10/20/2015 3:10 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF

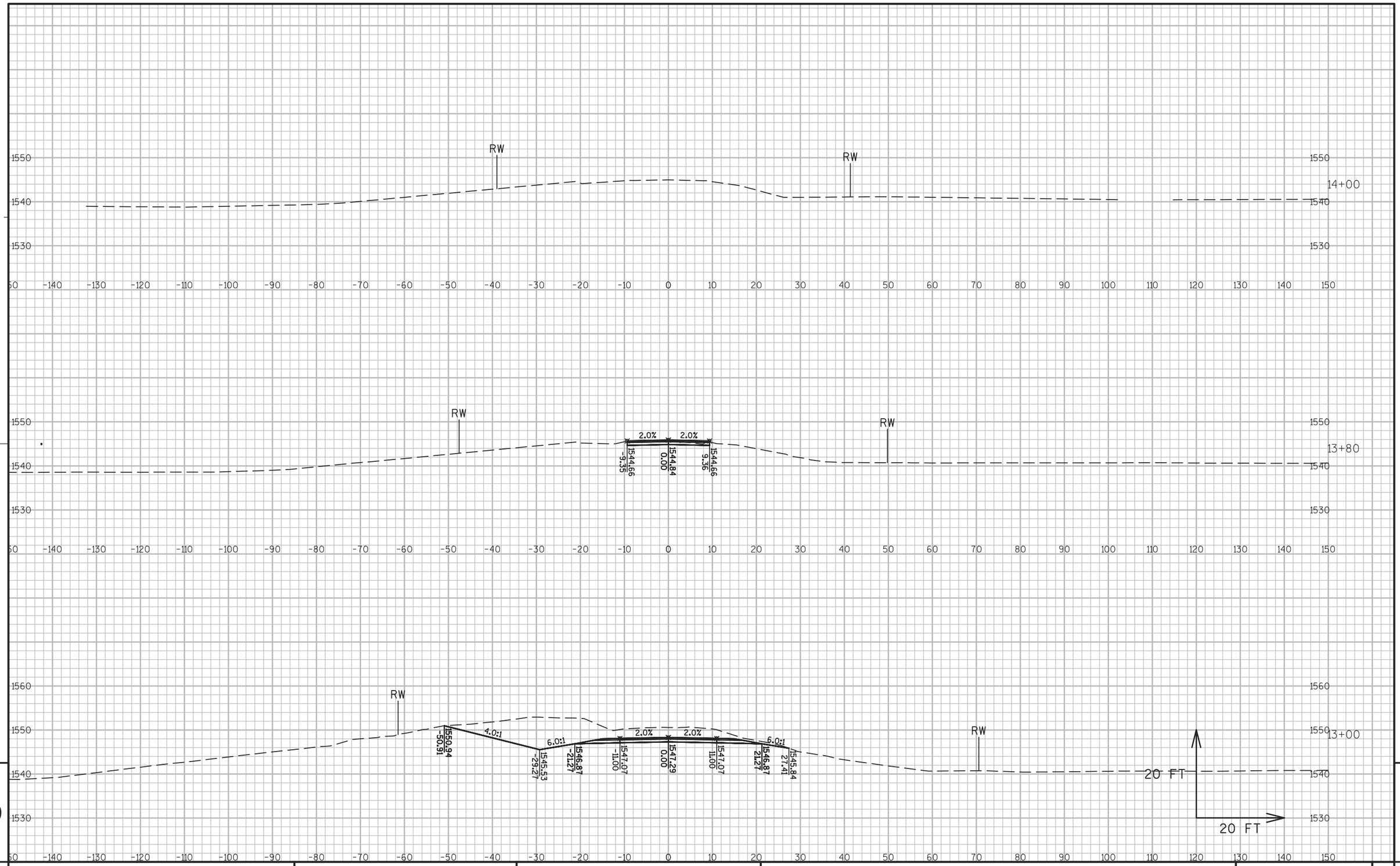


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: LITTLE BEARSKIN ROAD	SHEET 742	E

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FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (390)
PLOT DATE : 10/20/2015 3:10 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF



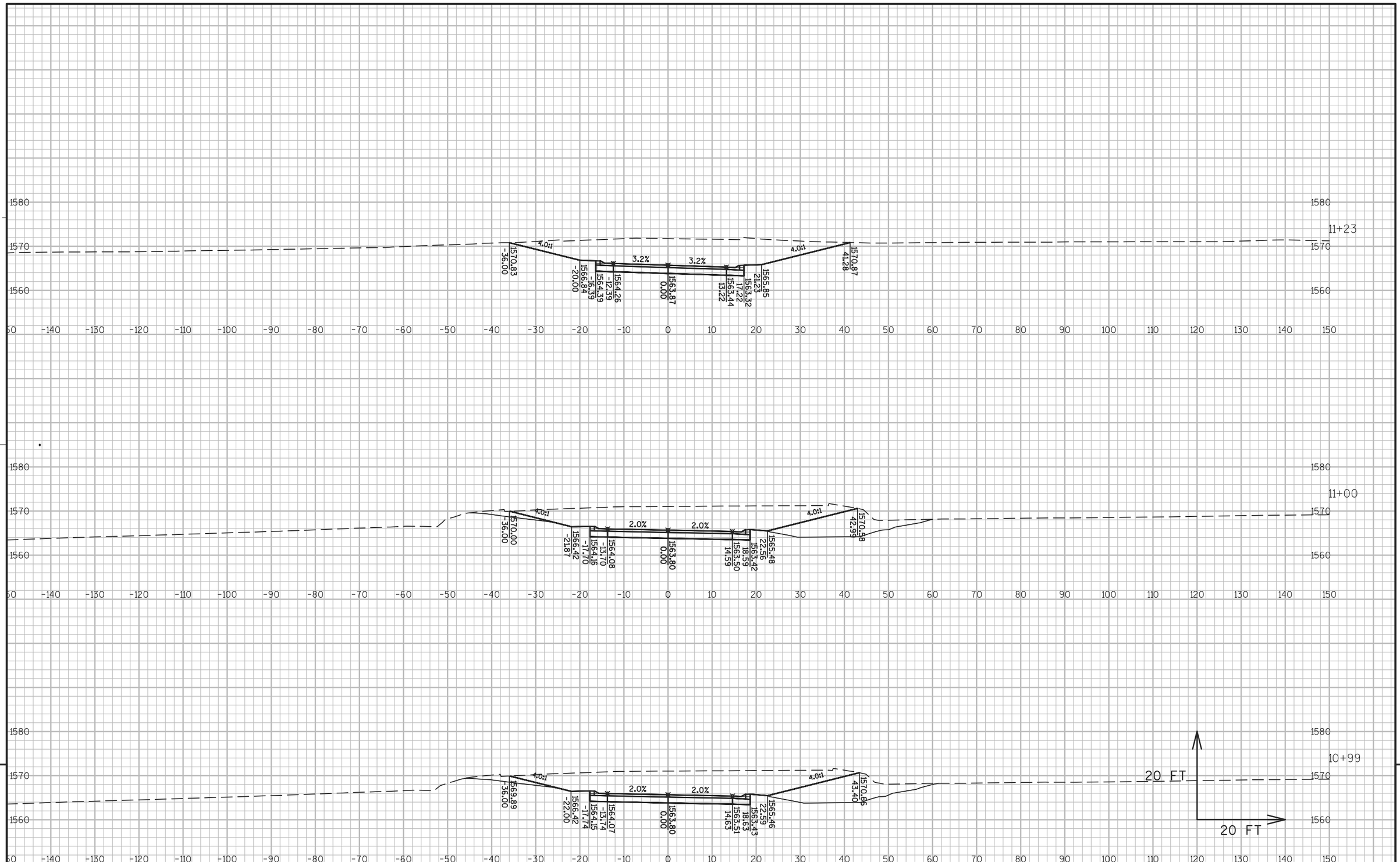
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9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: LITTLE BEARSKIN ROAD	SHEET 743	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (391)

PLOT DATE : 10/20/2015 3:11 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF

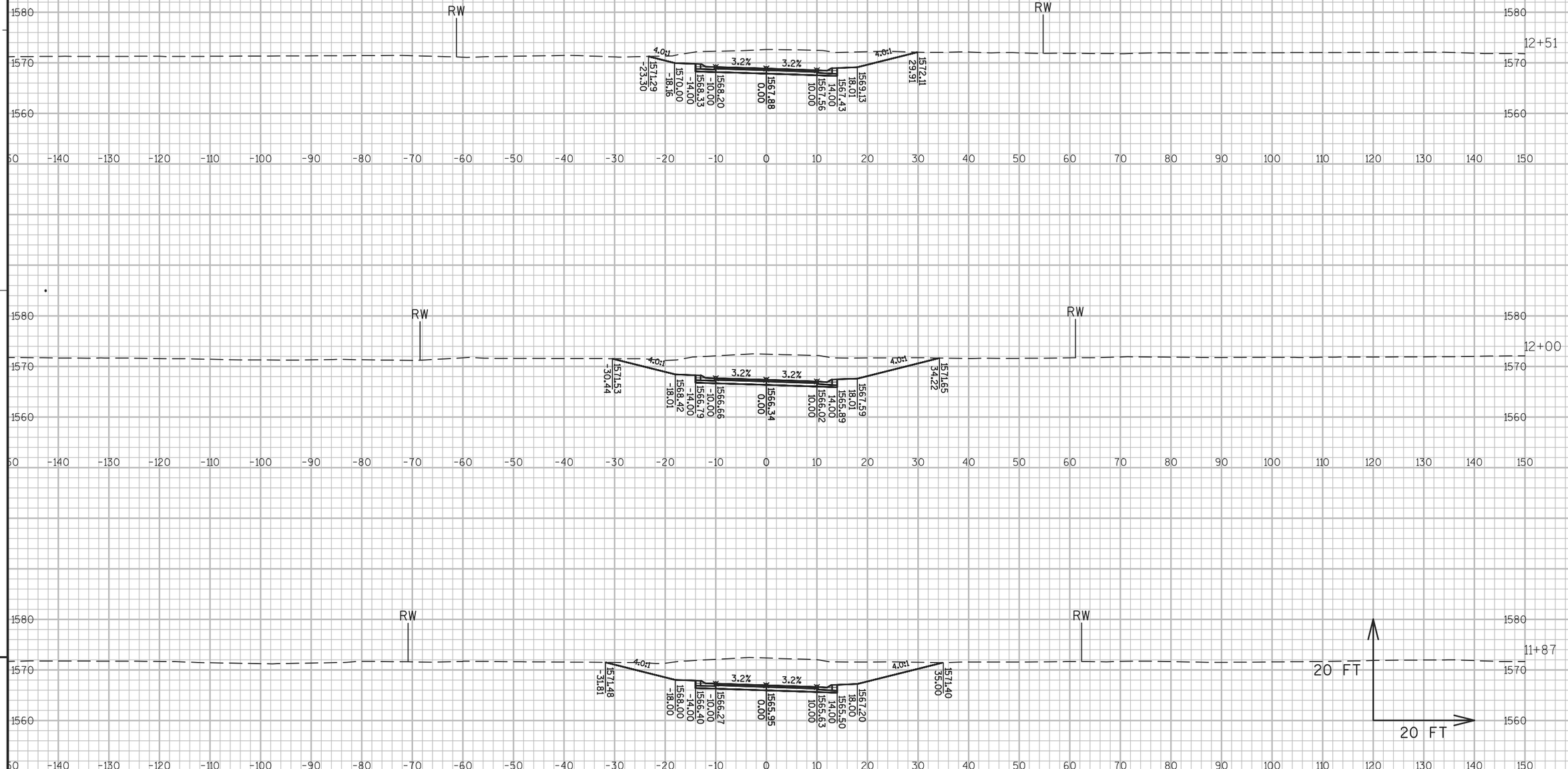


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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: OAKRIDGE ROAD	SHEET 744	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (392)
PLOT DATE : 10/20/2015 3:11 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



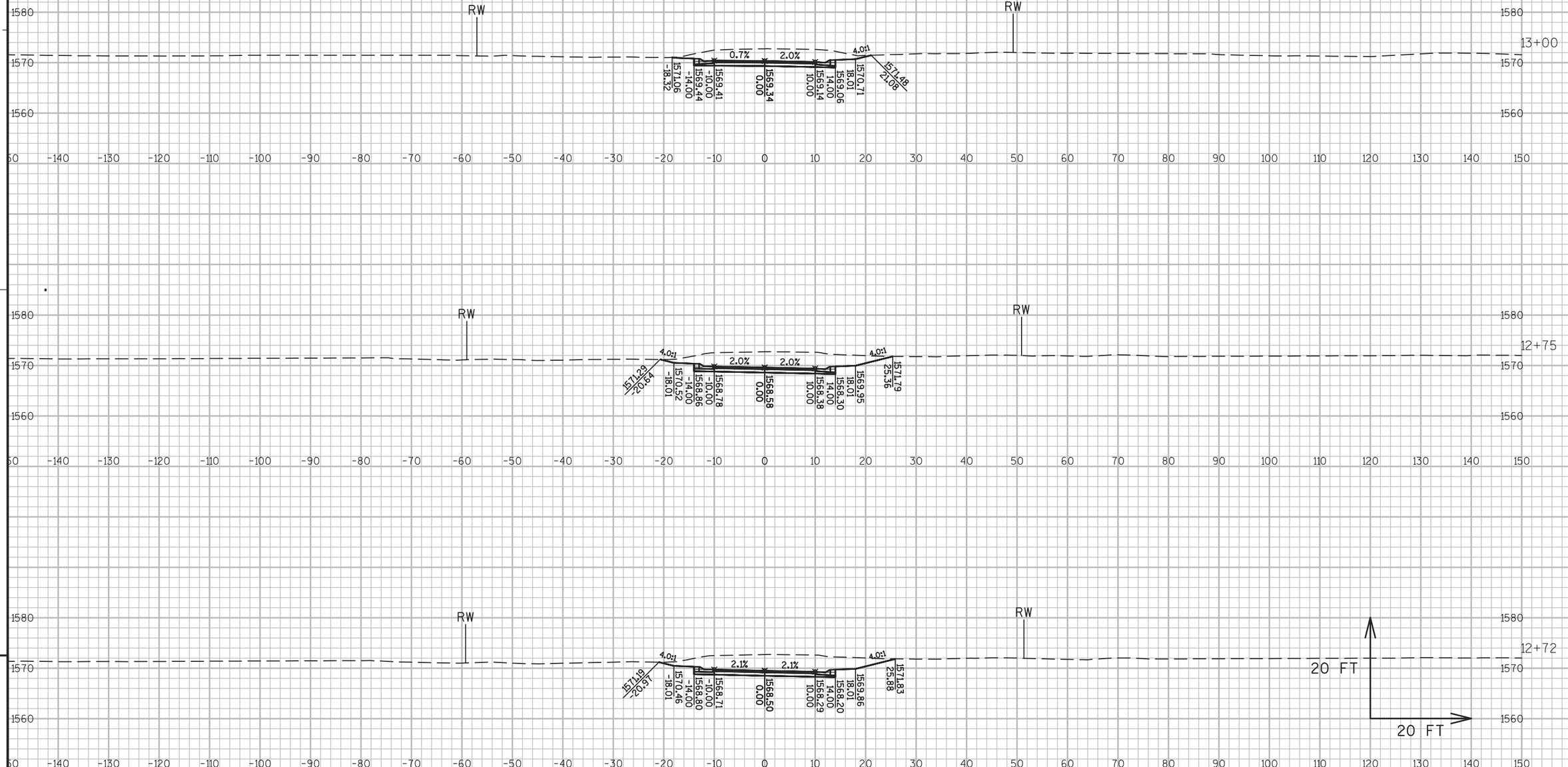
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: OAKRIDGE ROAD	SHEET 745	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (393)

PLOT DATE : 10/20/2015 3:11 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF



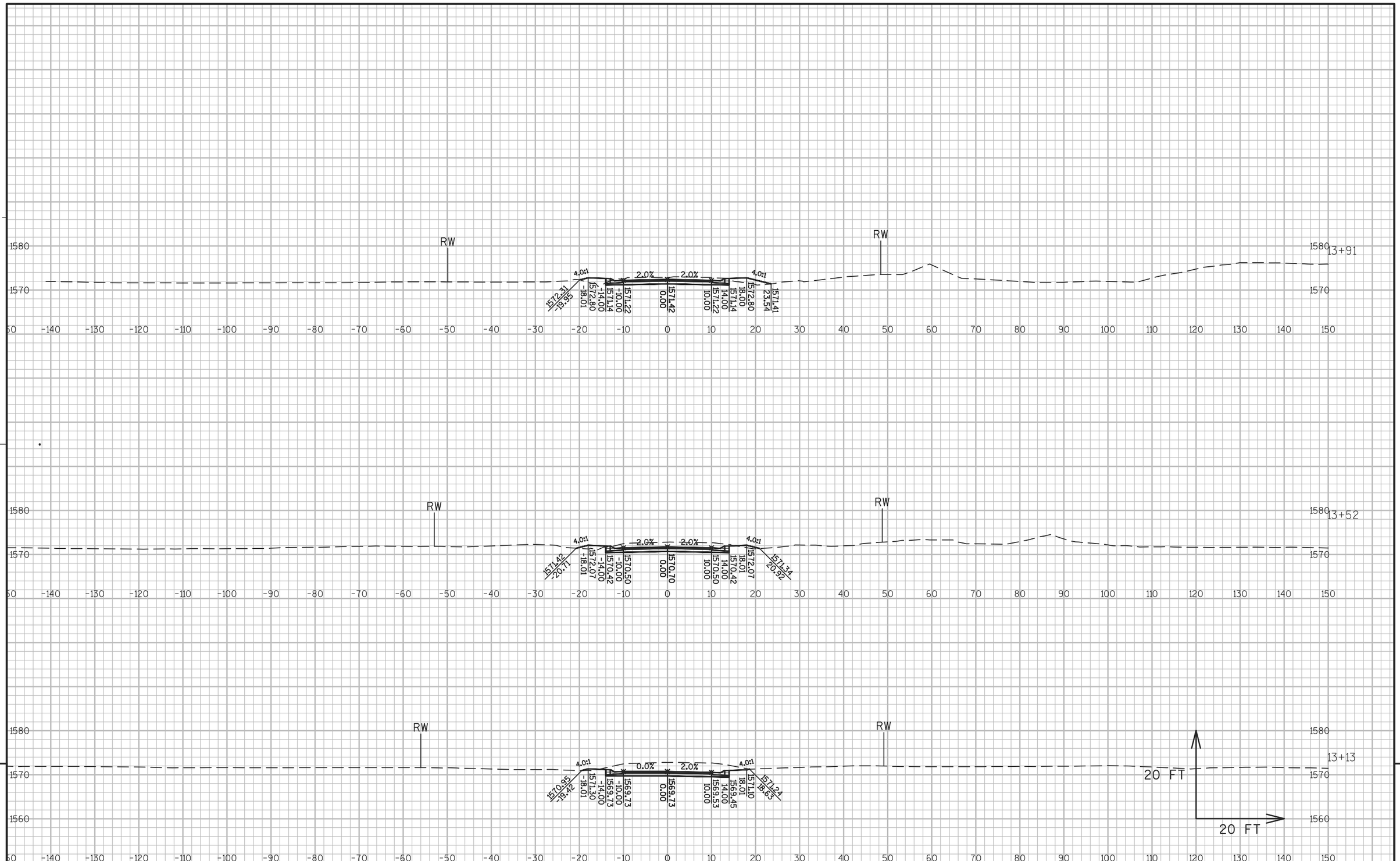
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: OAKRIDGE ROAD	SHEET 746	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (394)

PLOT DATE : 10/20/2015 3:12 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF



9

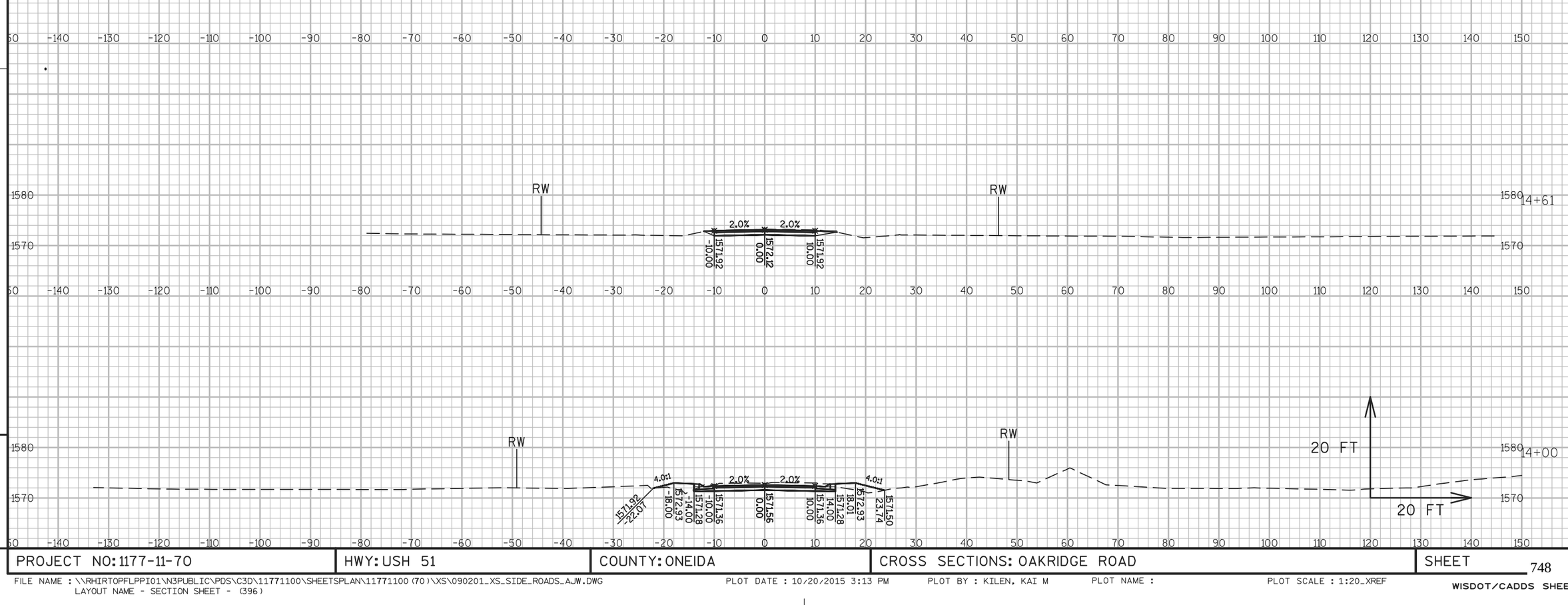
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PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: OAKRIDGE ROAD	SHEET 747	E

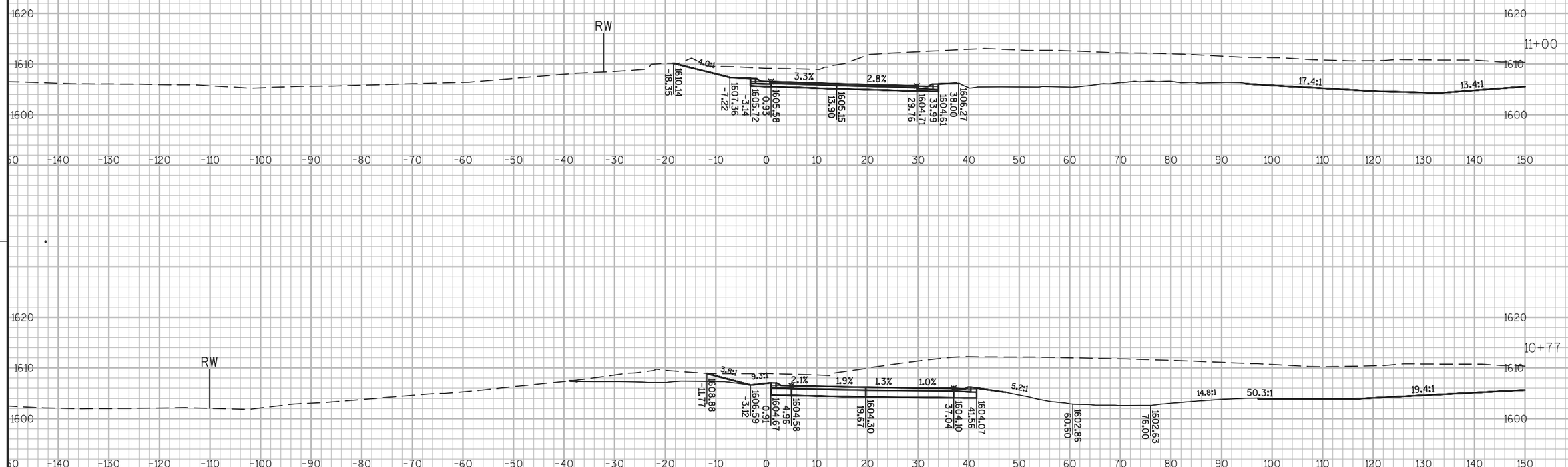
FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (395)

PLOT DATE : 10/20/2015 3:12 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: OAKRIDGE ROAD	SHEET 748	E

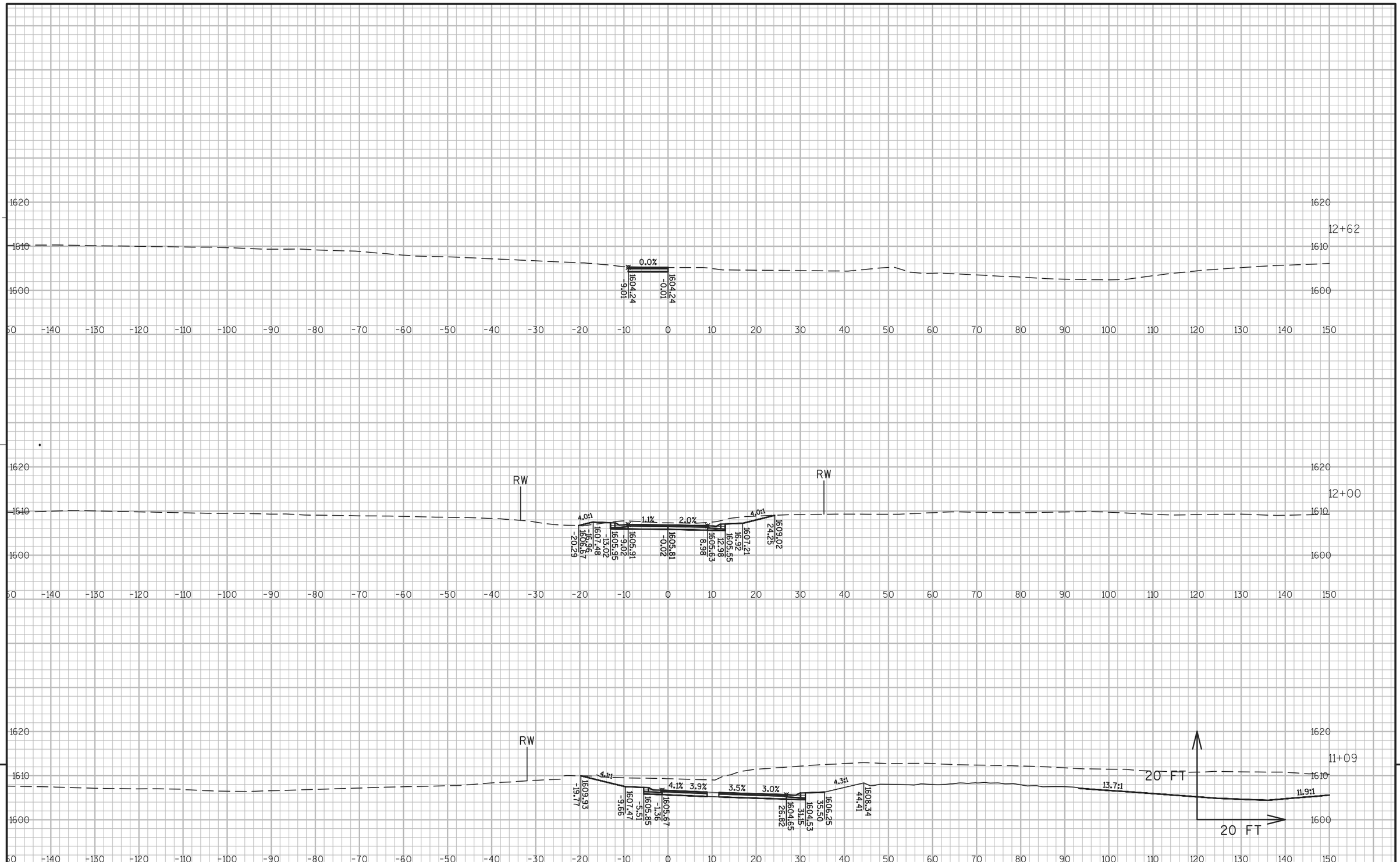


9

9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: S. BLUE LAKE ROAD	SHEET 749	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (397)
PLOT DATE : 10/20/2015 3:13 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: S. BLUE LAKE ROAD	SHEET 750	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (398)

PLOT DATE : 10/20/2015 3:13 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF



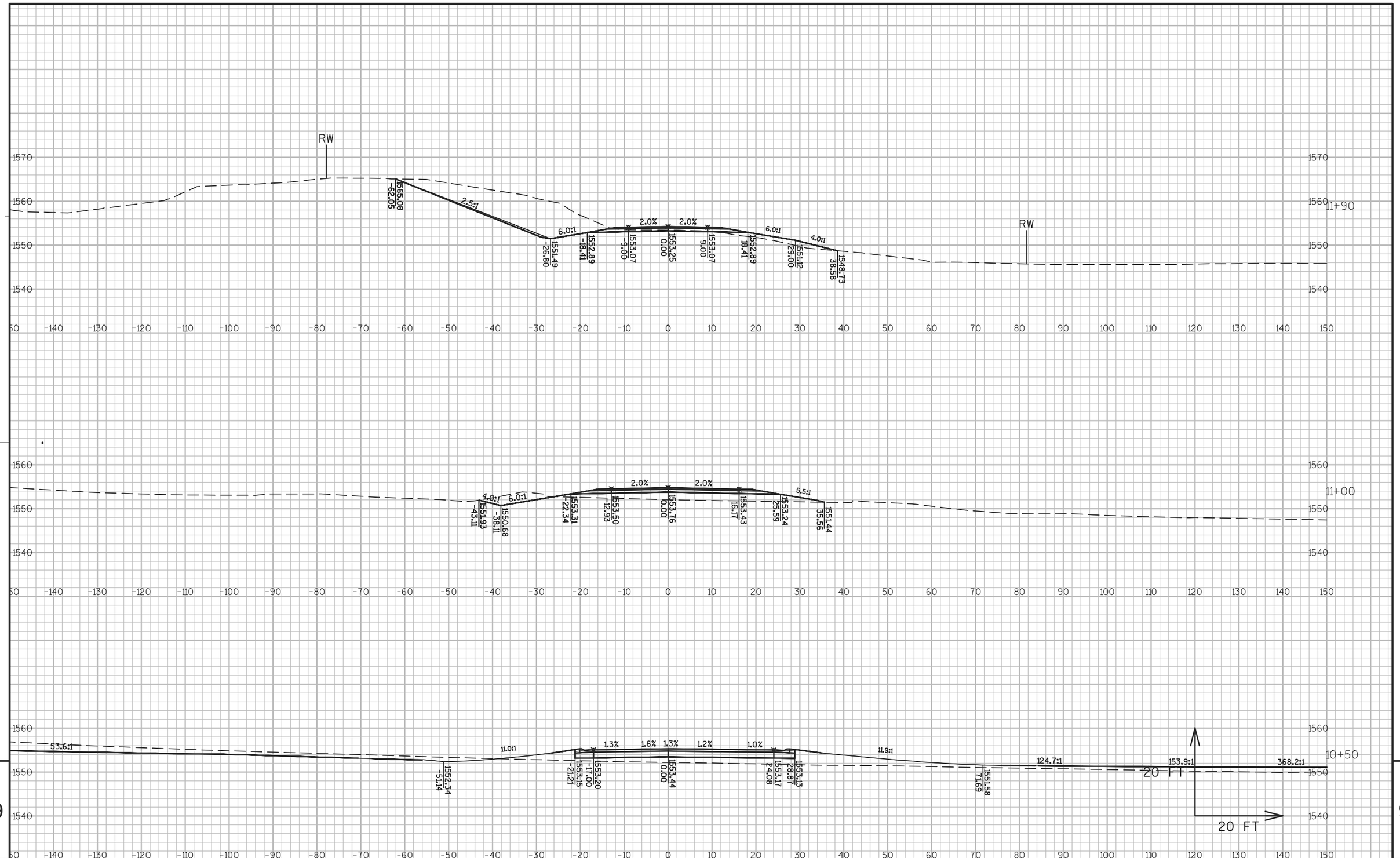
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9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: S. BLUE LAKE ROAD	SHEET 751	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (399)

PLOT DATE : 10/20/2015 3:14 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF



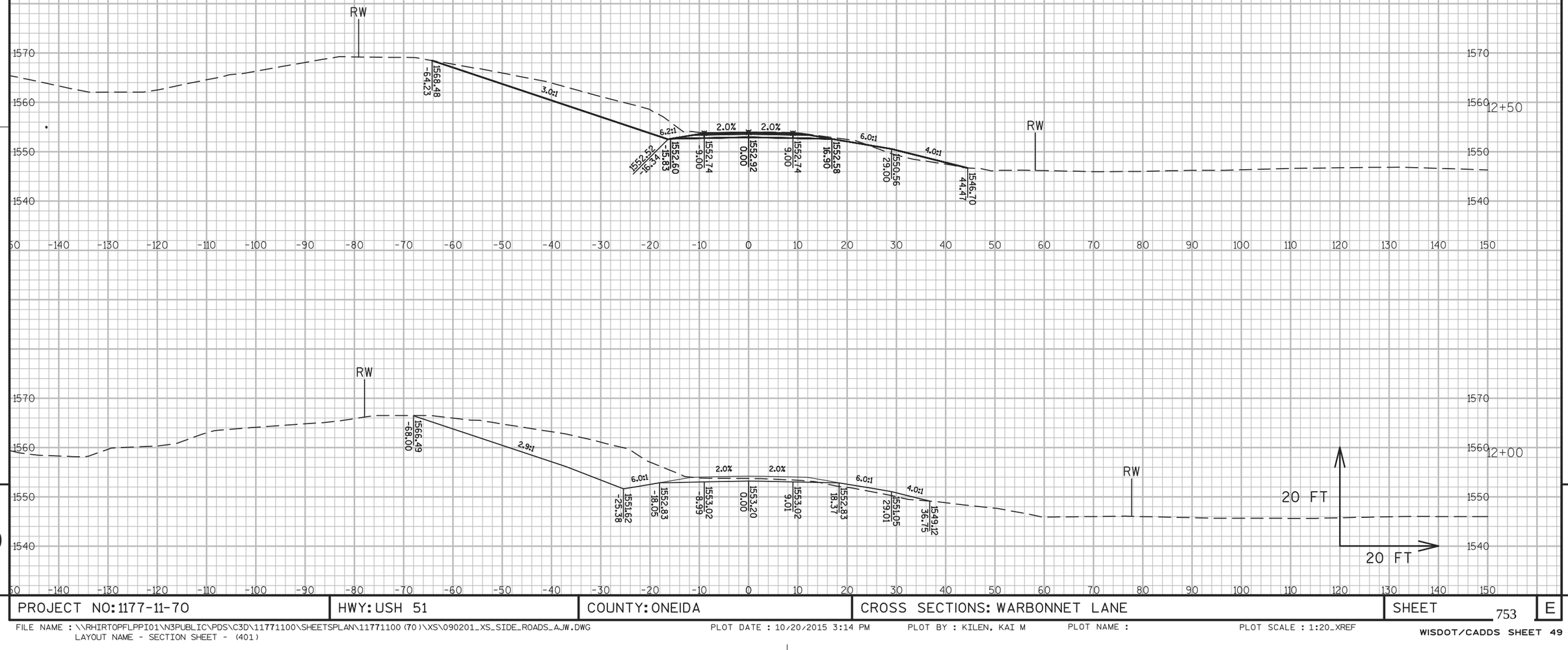
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9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: WARBONNET LANE	SHEET 752	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (400)

PLOT DATE : 10/20/2015 3:14 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF



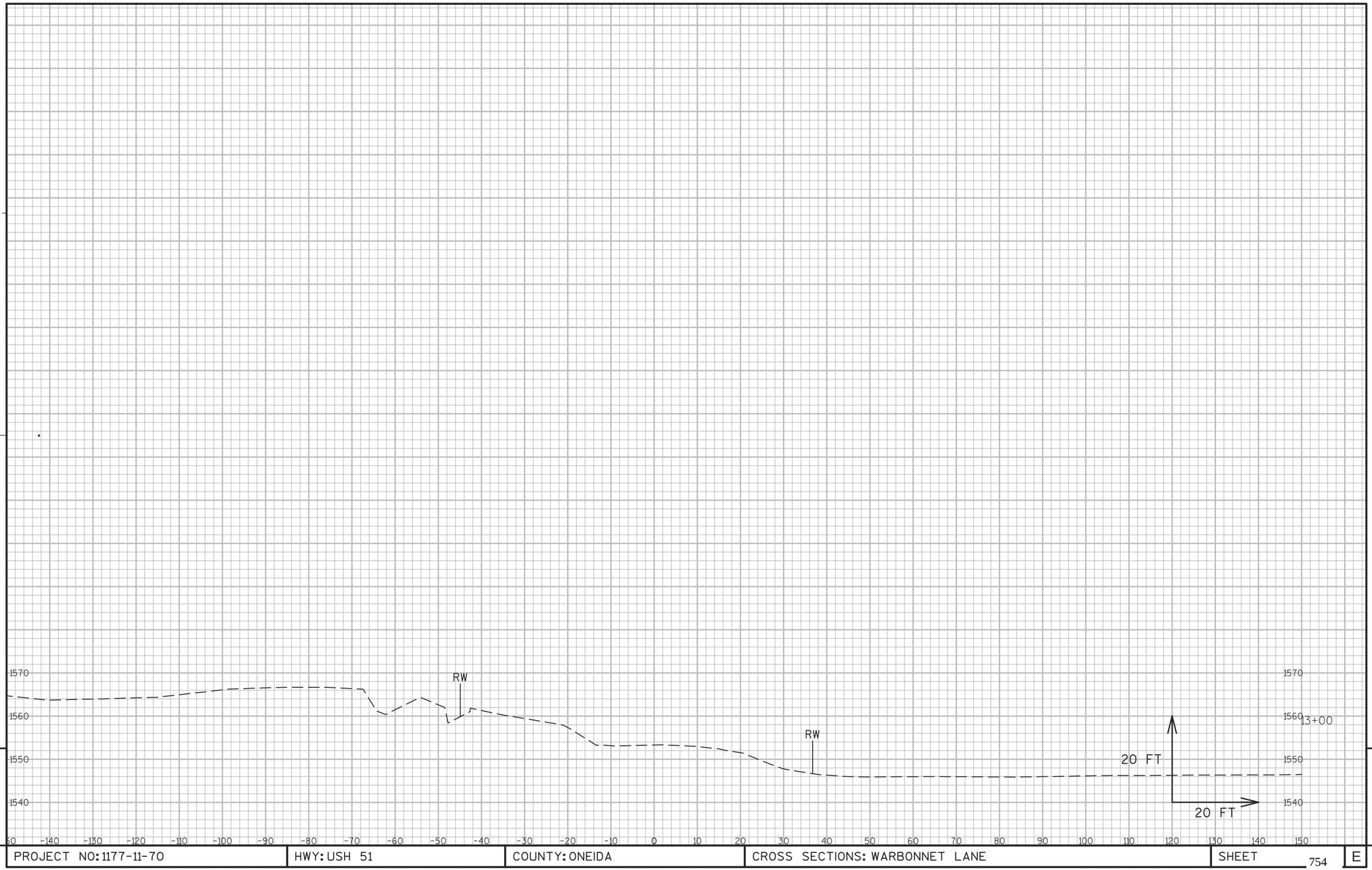
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9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: WARBONNET LANE	SHEET 753	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (401)

PLOT DATE : 10/20/2015 3:14 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF

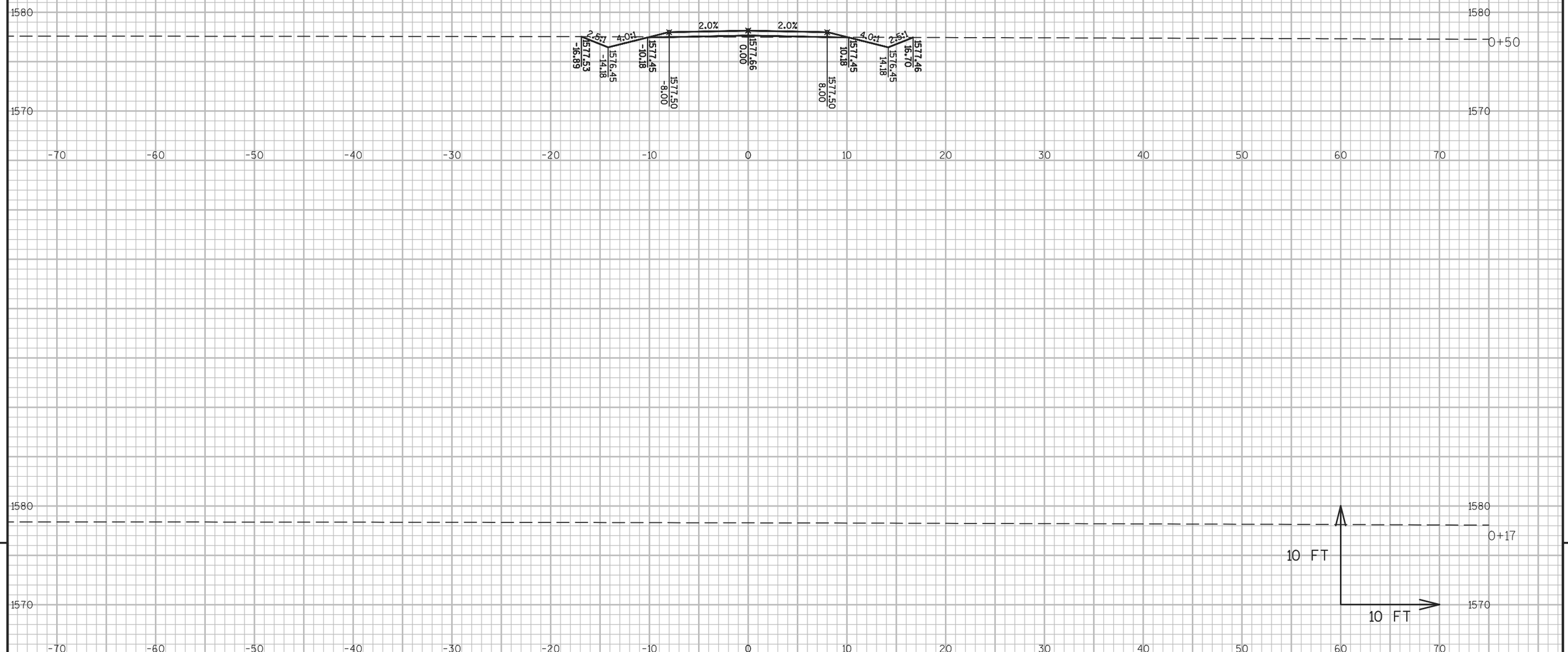


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9

PROJECT NO: 1177-11-70	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: WARBONNET LANE	SHEET 754	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_SIDE_ROADS_AJW.DWG
LAYOUT NAME - SECTION SHEET - (402)
PLOT DATE : 10/20/2015 3:15 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



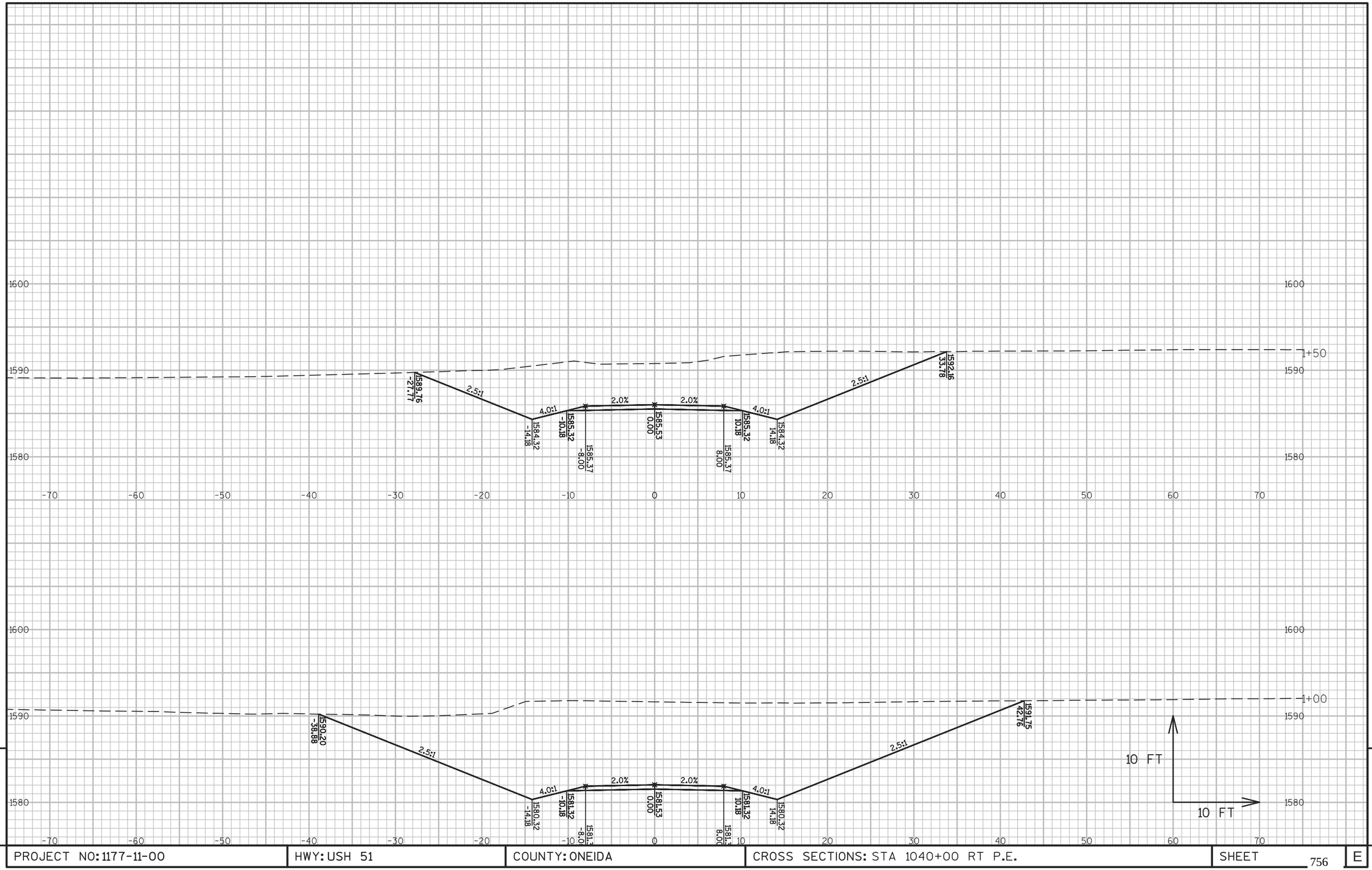
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1040+00 RT P.E.	SHEET 755	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (9)

PLOT DATE : 10/20/2015 3:22 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



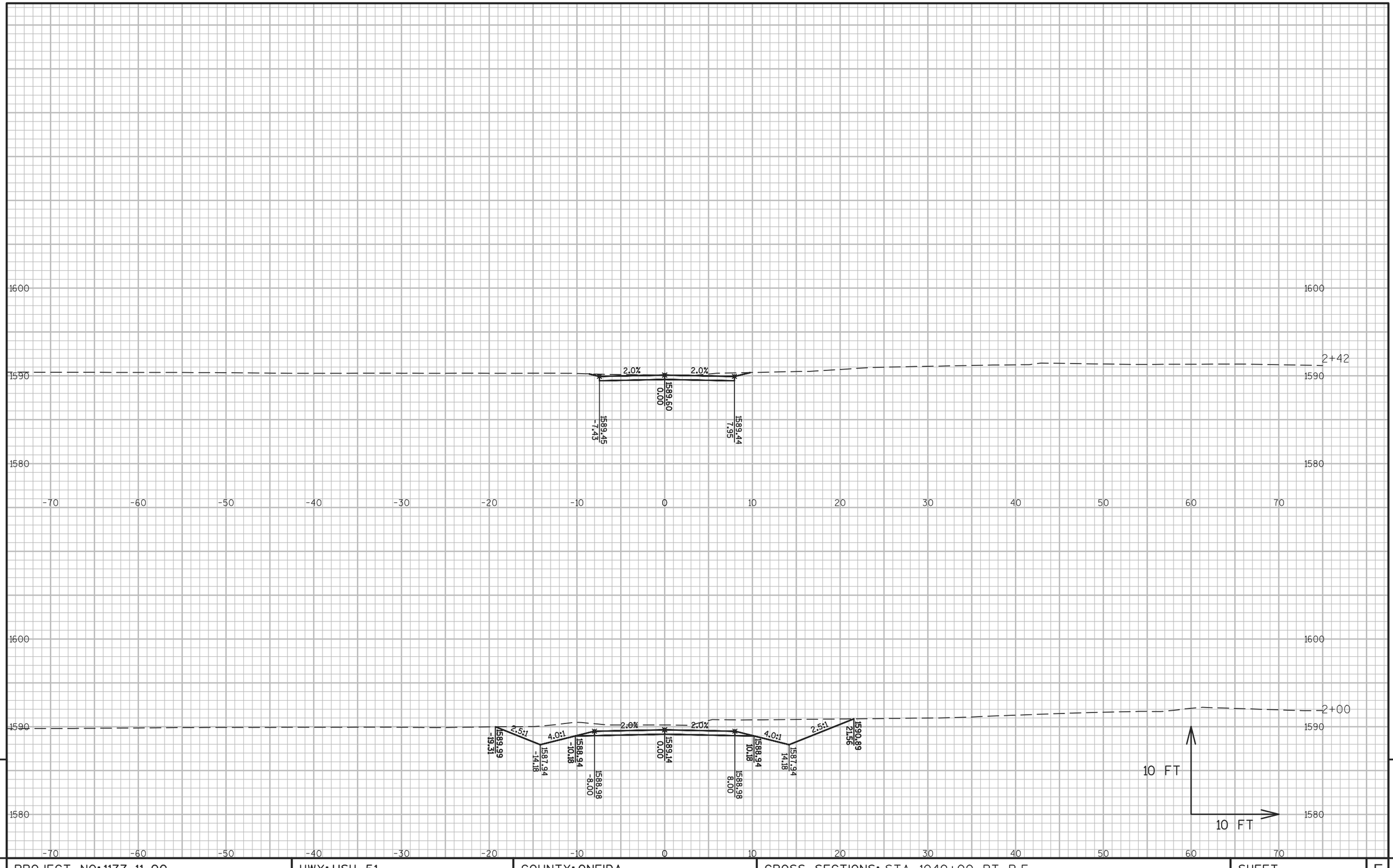
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1040+00 RT P.E.	SHEET 756	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (10)

PLOT DATE : 10/20/2015 3:22 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

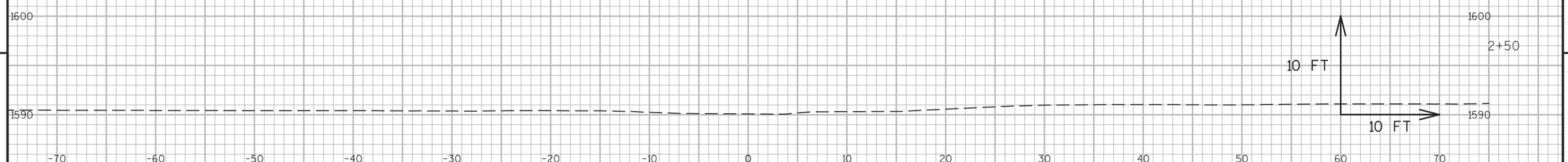


PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1040+00 RT P.E.	SHEET 757	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (11)

PLOT DATE : 10/20/2015 3:22 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

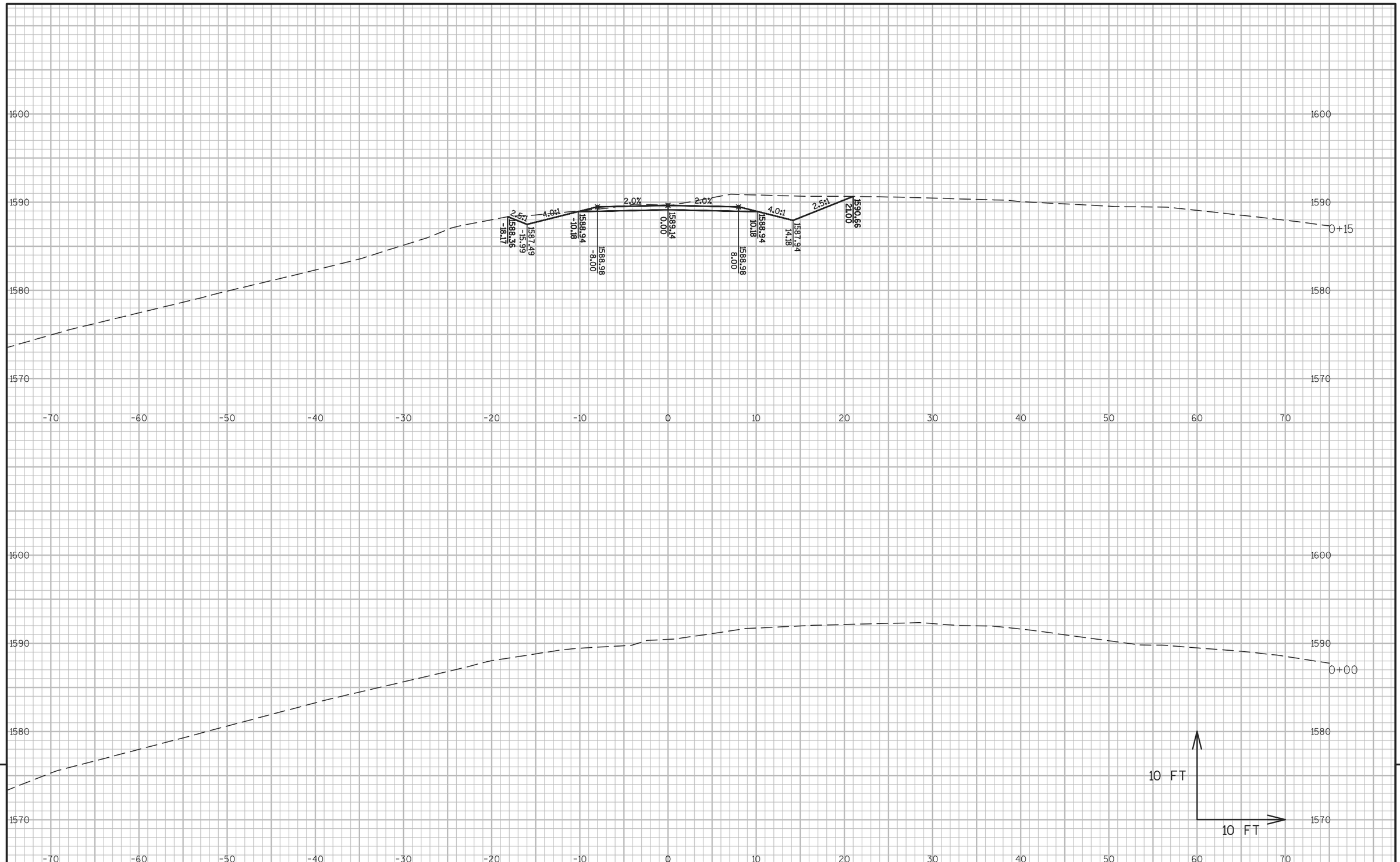
WISDOT/CADDS SHEET 49



9 9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1040+00 RT P.E.	SHEET 758	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (12)
PLOT DATE : 10/20/2015 3:22 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49



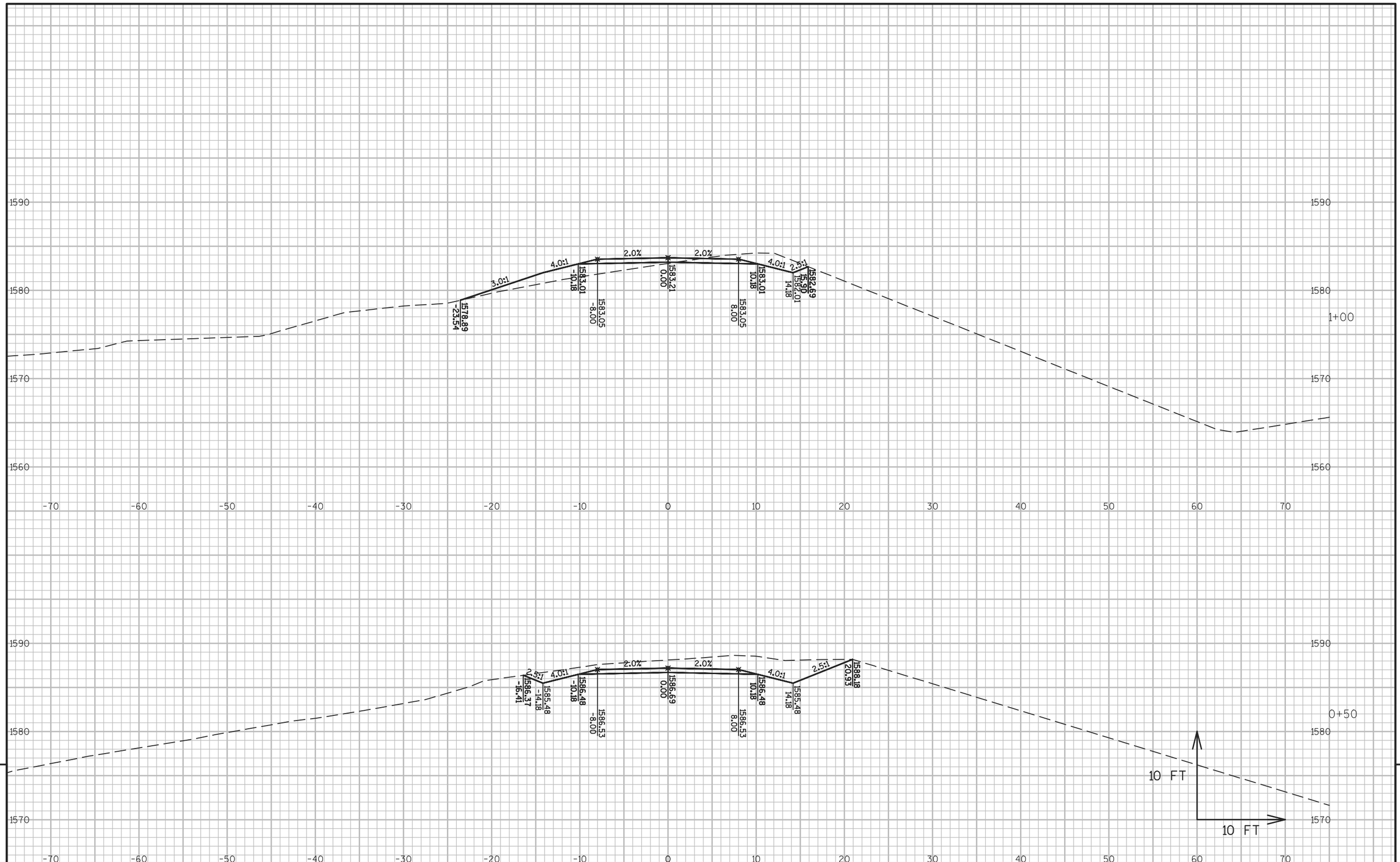
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1064+00 LT P.E.	SHEET 759	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (13)

PLOT DATE : 10/20/2015 3:23 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



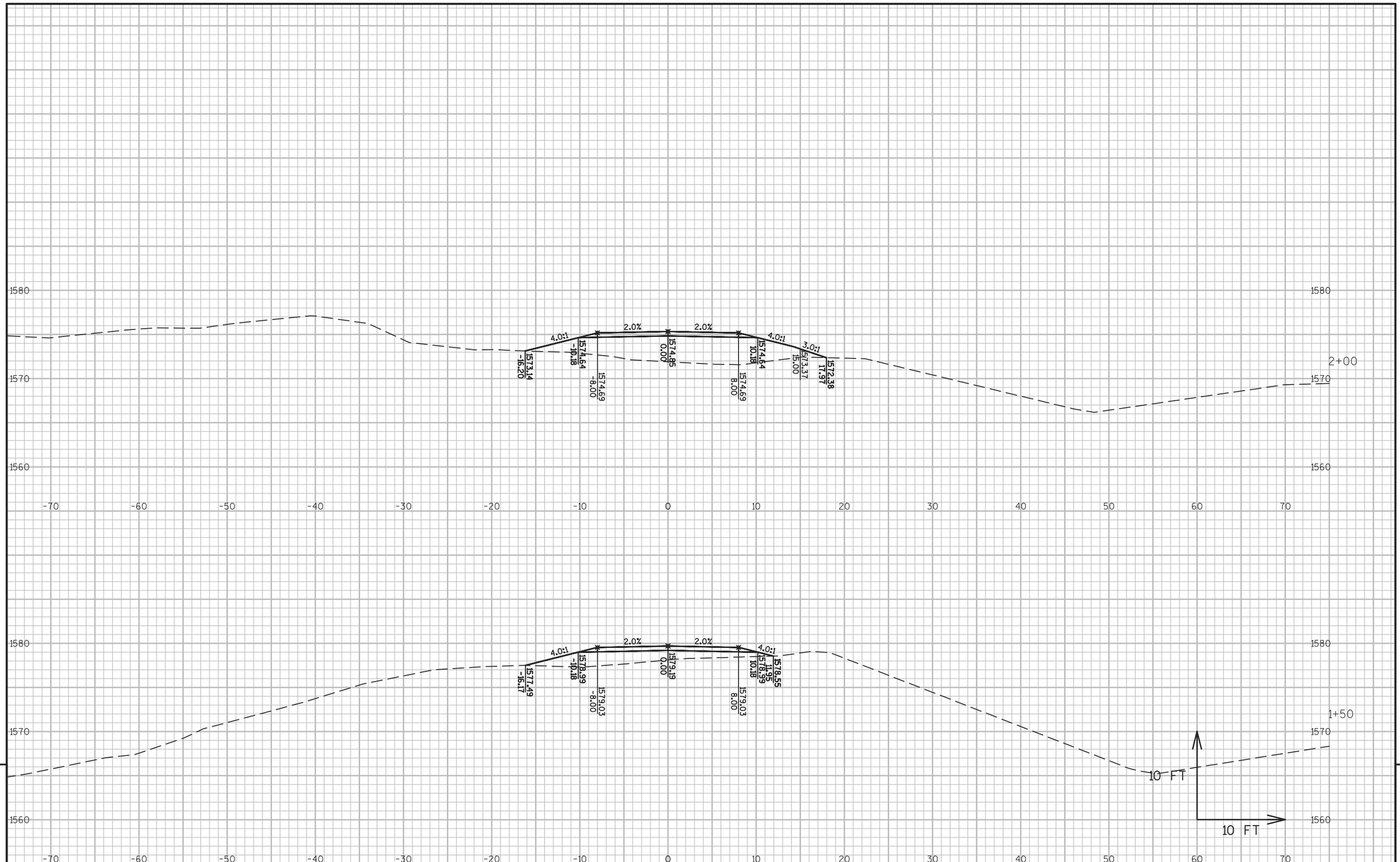
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1064+00 LT P.E.	SHEET 760	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (14)

PLOT DATE : 10/20/2015 3:23 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



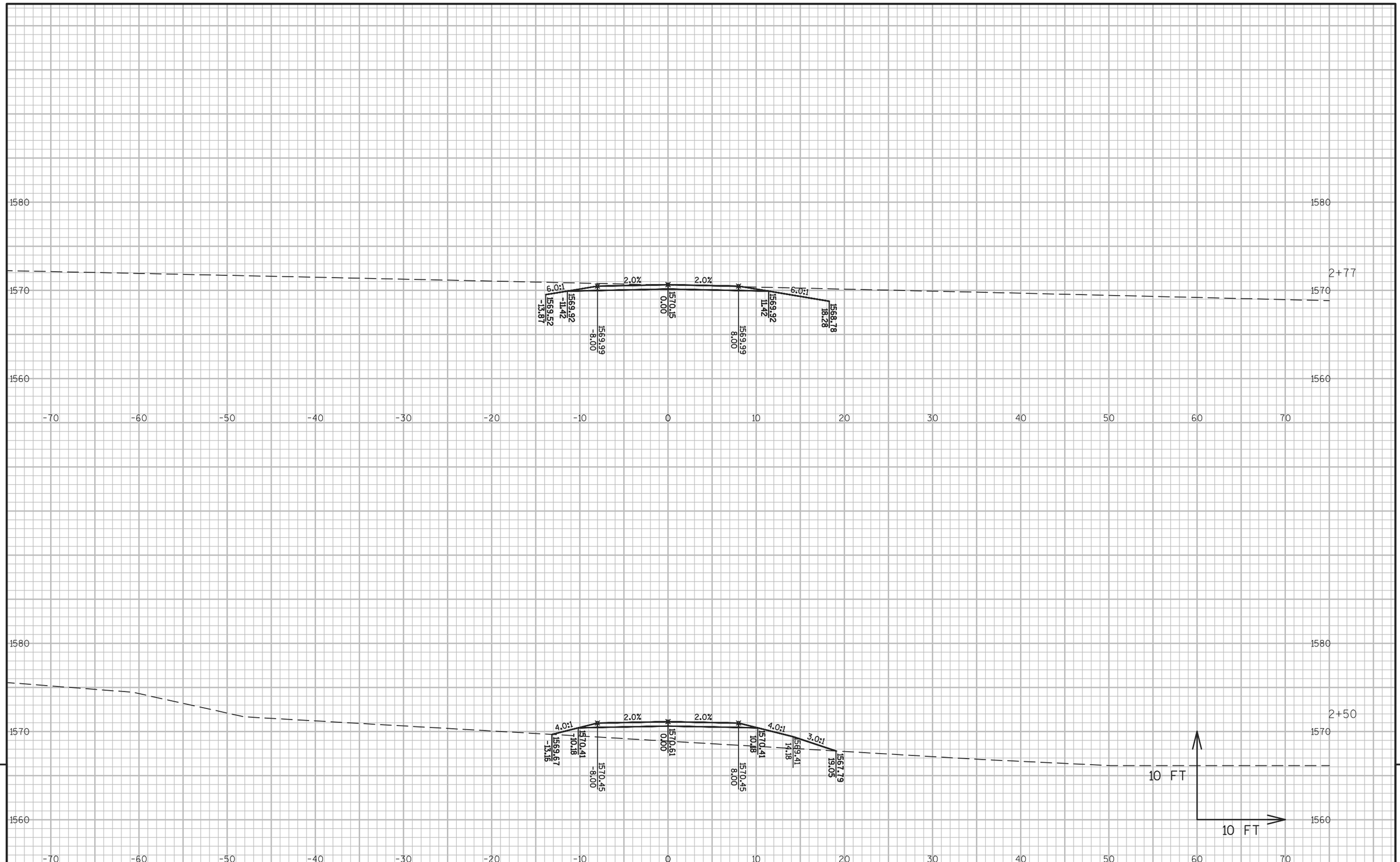
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1064+00 LT P.E.	SHEET 761	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (15)

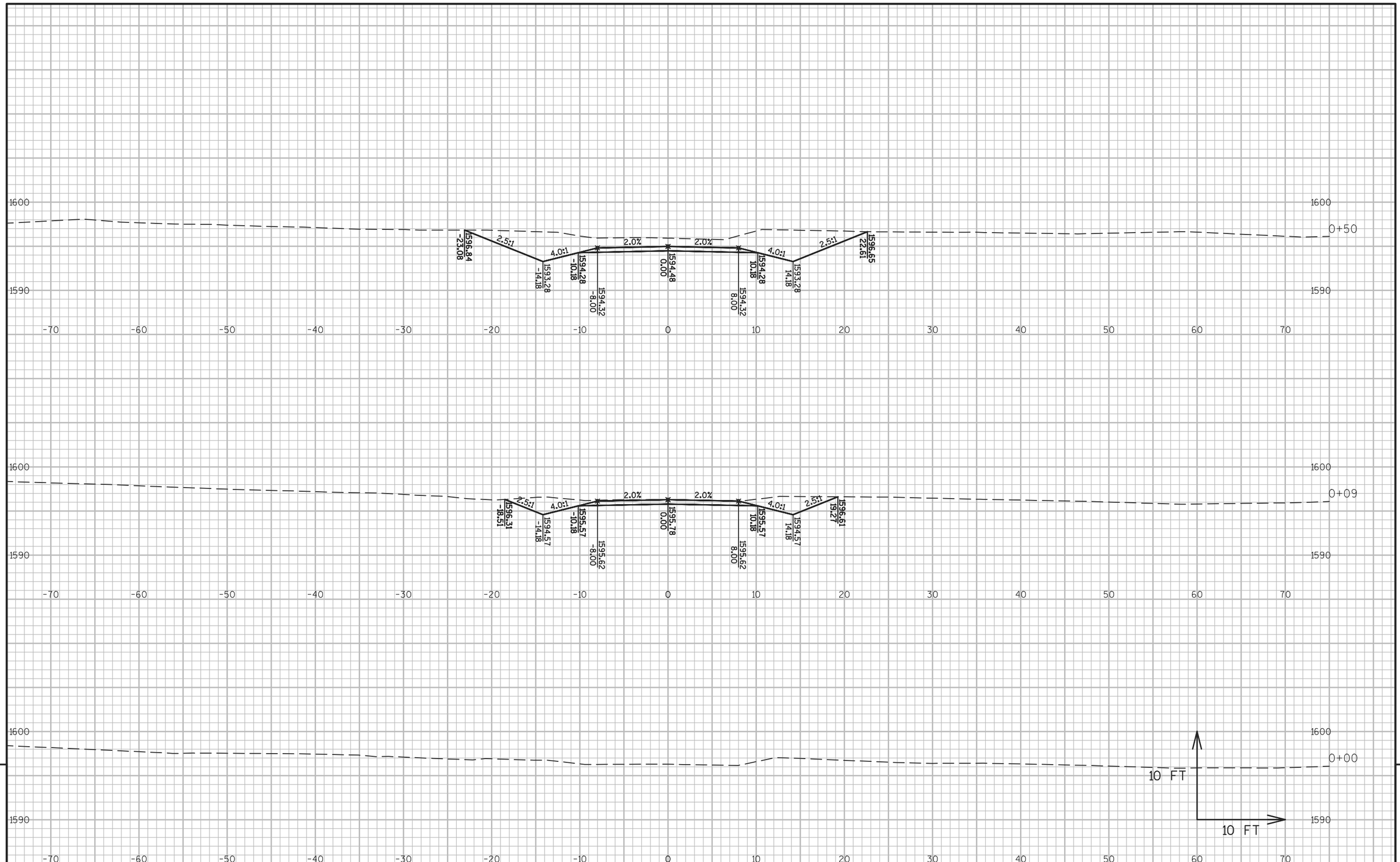
PLOT DATE : 10/20/2015 3:23 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1064+00 LT P.E.	SHEET 762	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (16)

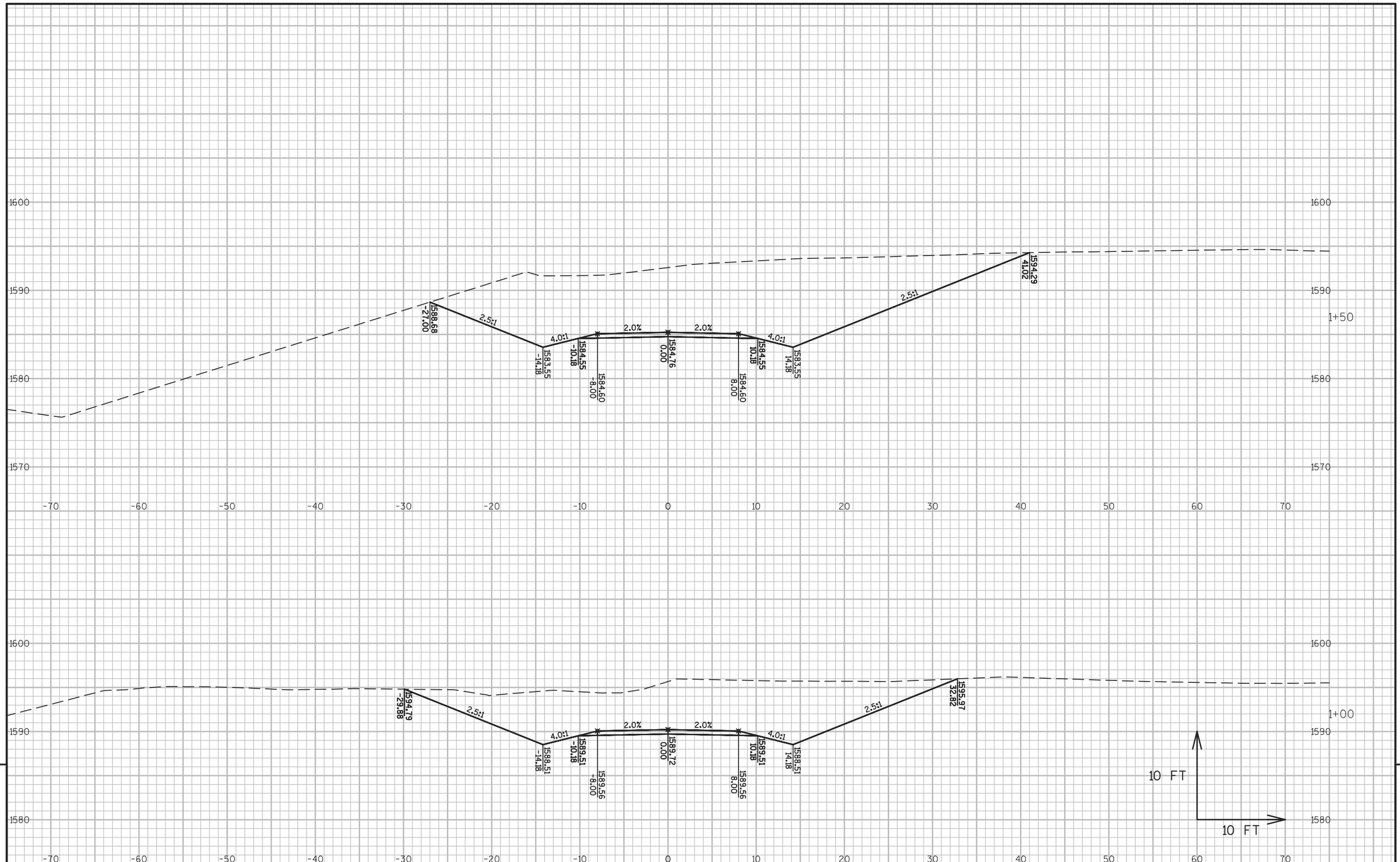
PLOT DATE : 10/20/2015 3:23 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1070+00 LT P.E.	SHEET 763	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (19)

PLOT DATE : 10/20/2015 3:24 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



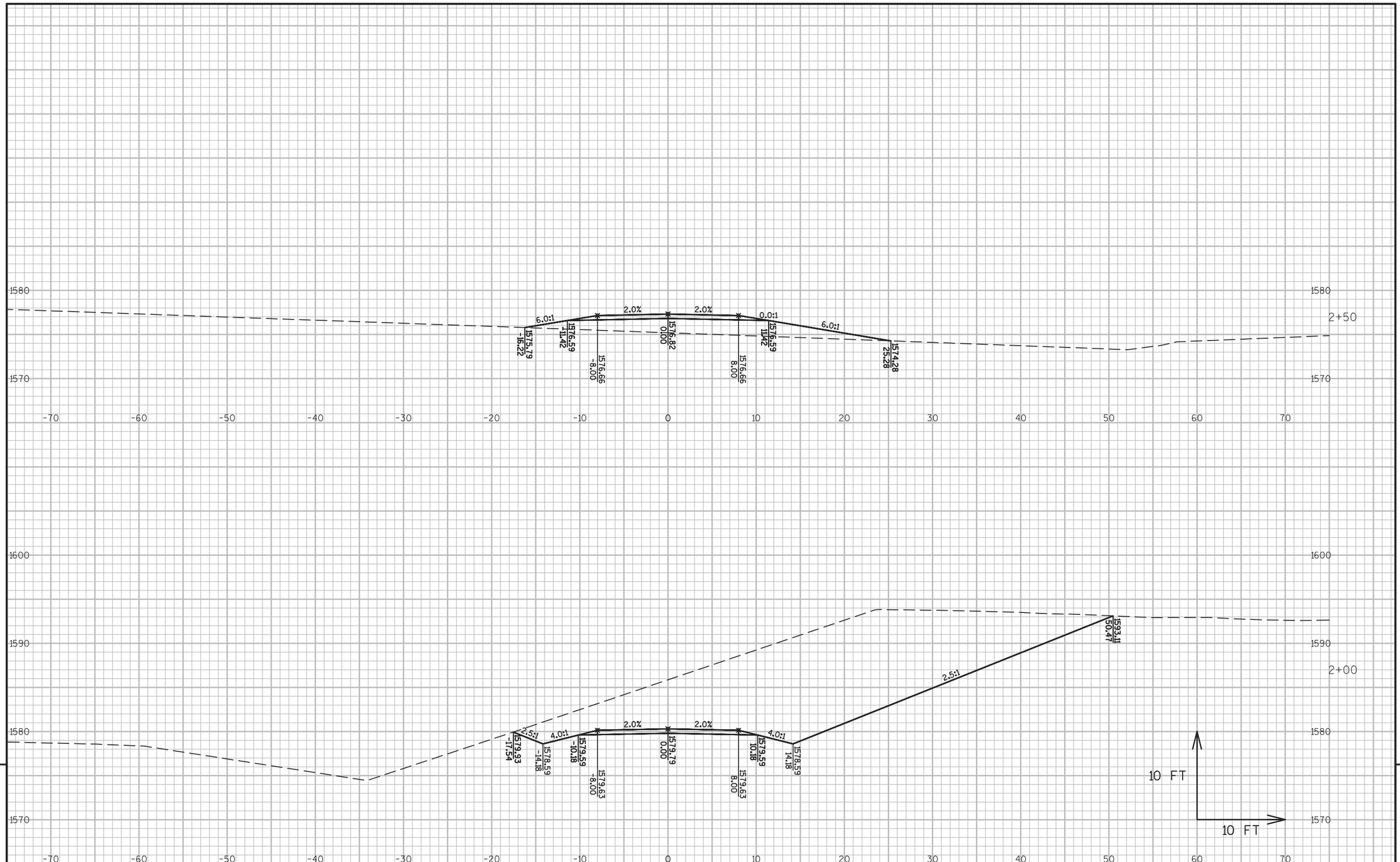
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1070+00 LT P.E.	SHEET 764	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (20)

PLOT DATE : 10/20/2015 3:24 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



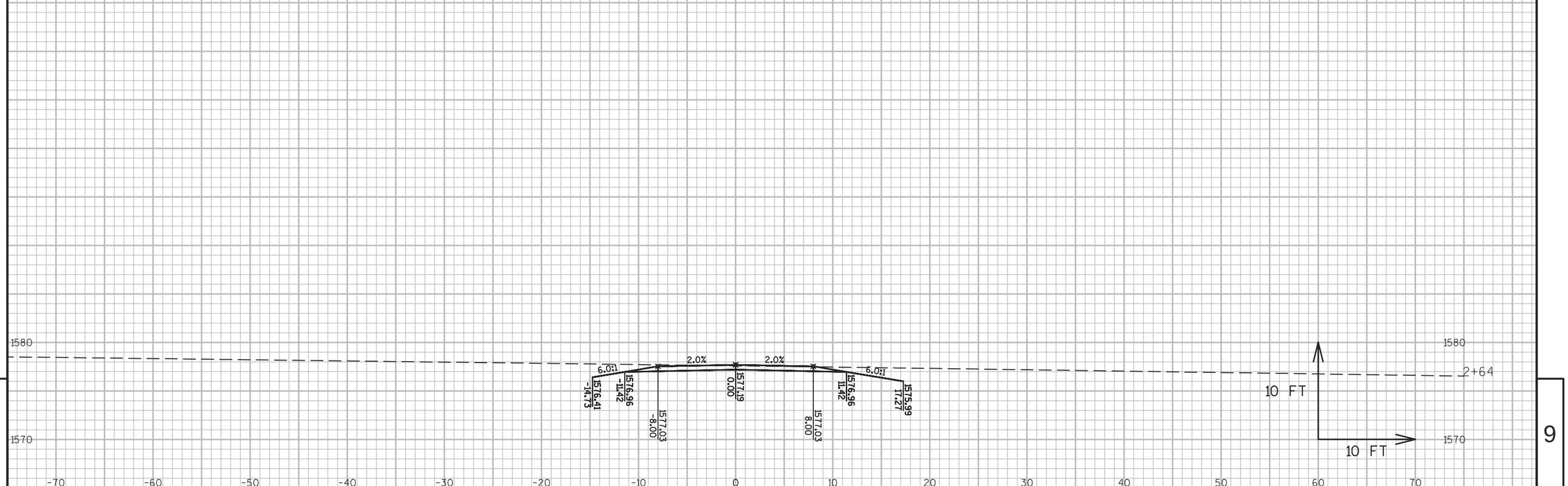
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1070+00 LT P.E.	SHEET 765	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (21)

PLOT DATE : 10/20/2015 3:24 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



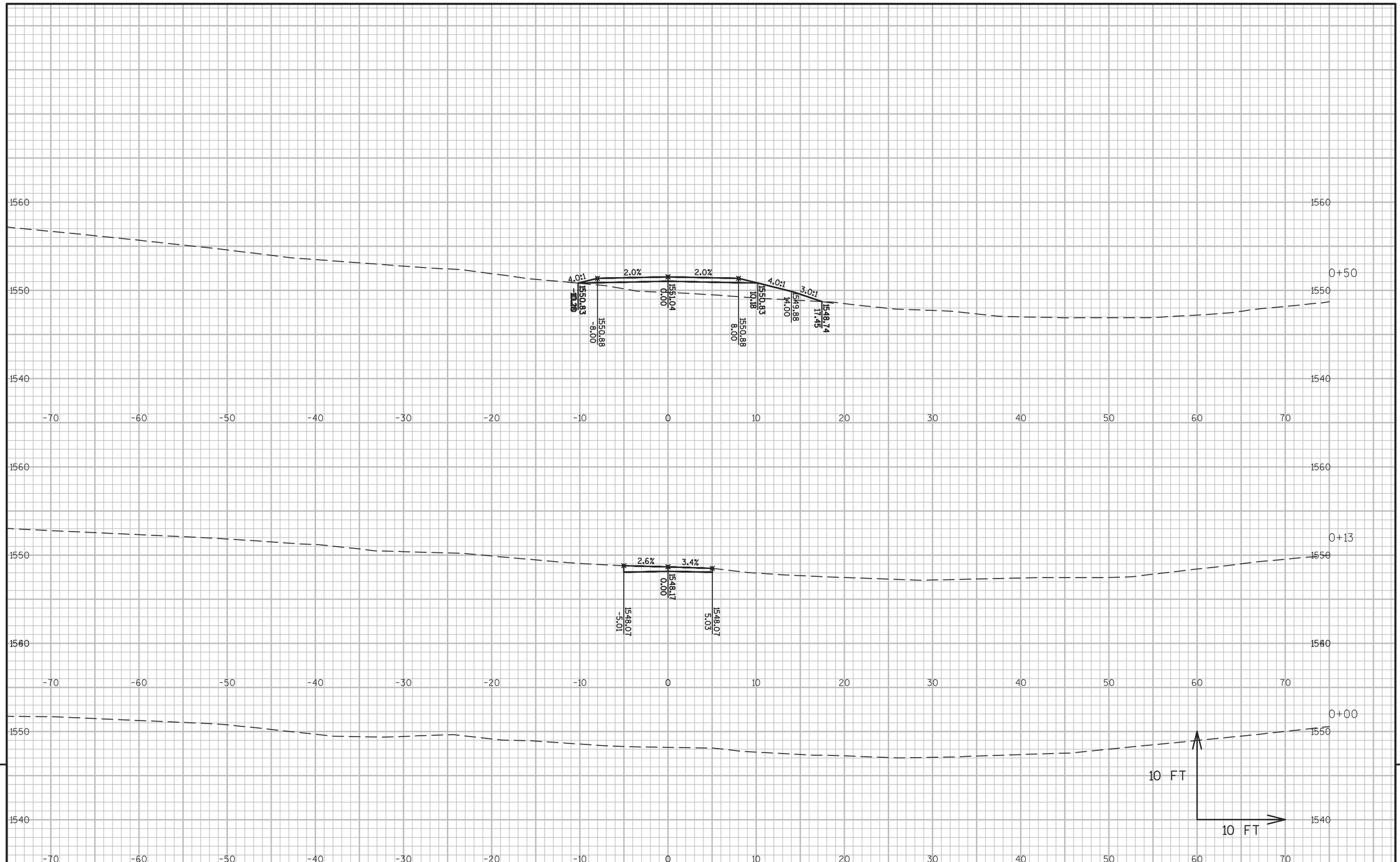
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1070+00 LT P.E.	SHEET 766	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (22)

PLOT DATE : 10/20/2015 3:24 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



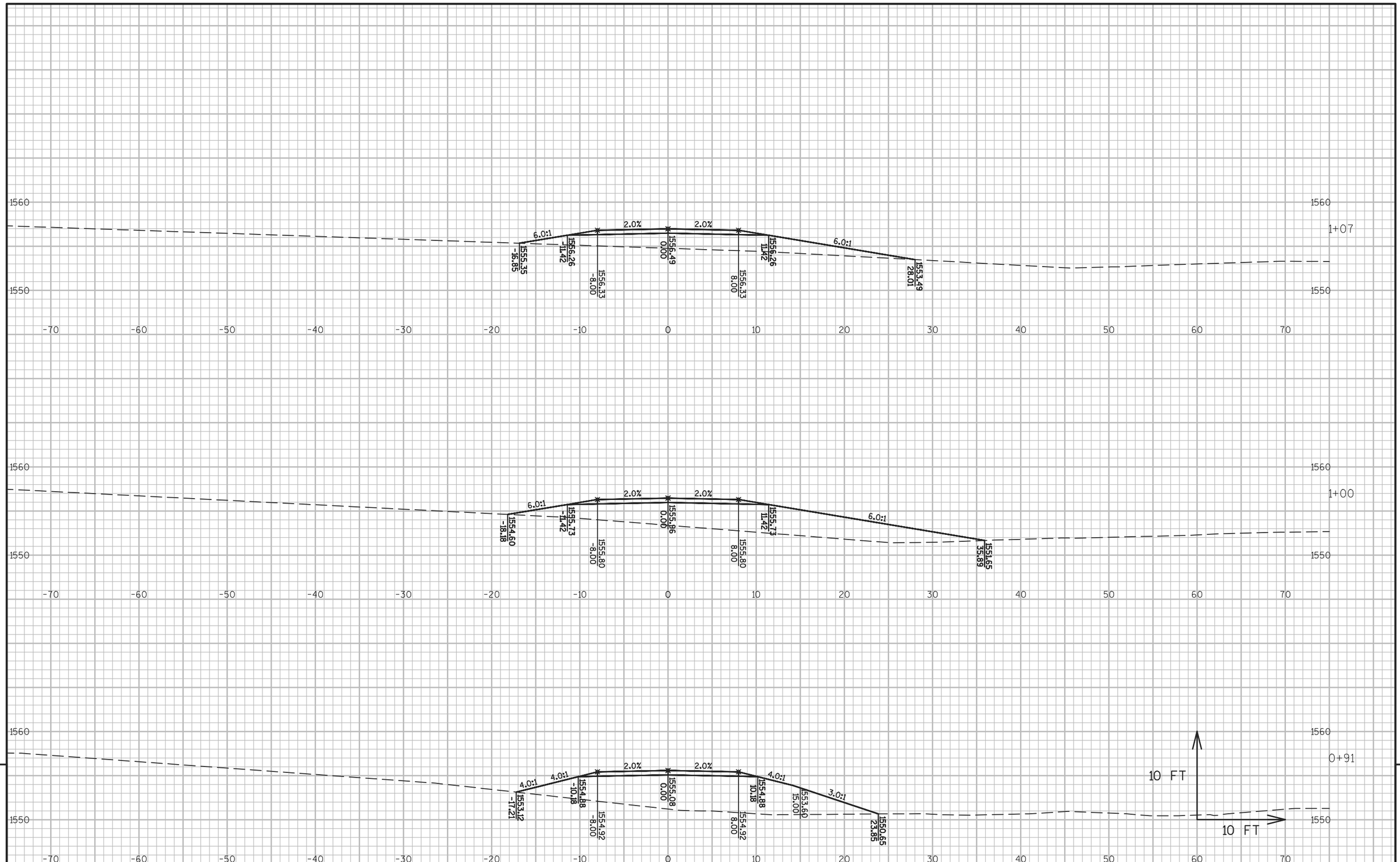
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 950+00 LT P.E.	SHEET 767	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (23)

PLOT DATE : 10/20/2015 3:25 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



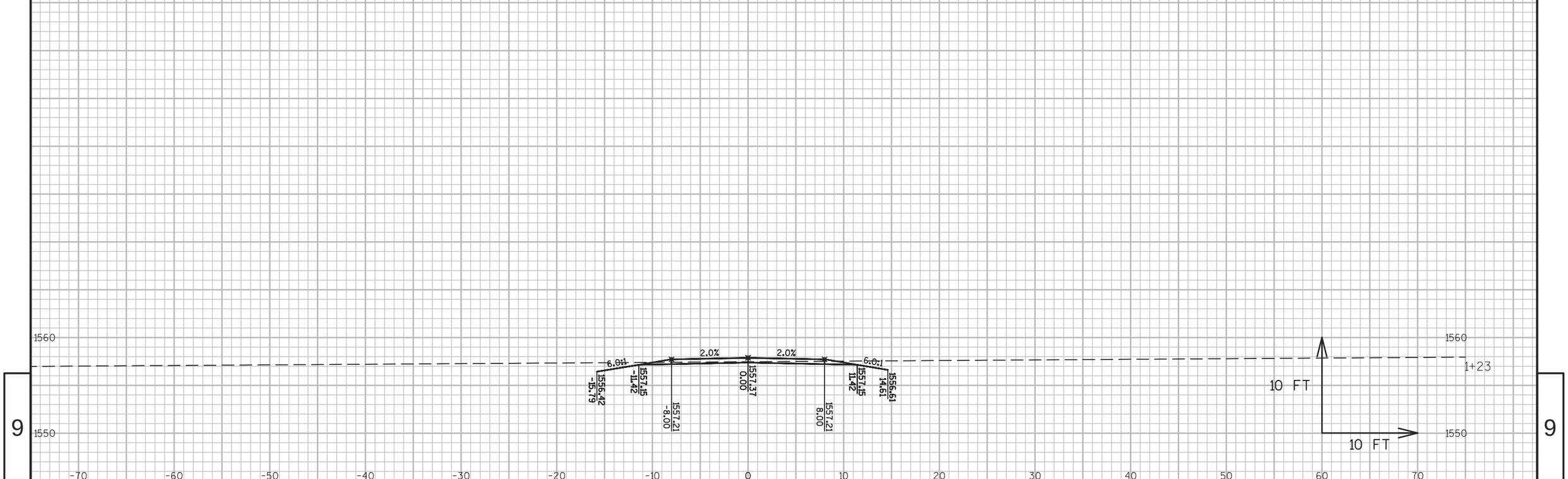
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 950+00 LT P.E.	SHEET 768	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (24)

PLOT DATE : 10/20/2015 3:25 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



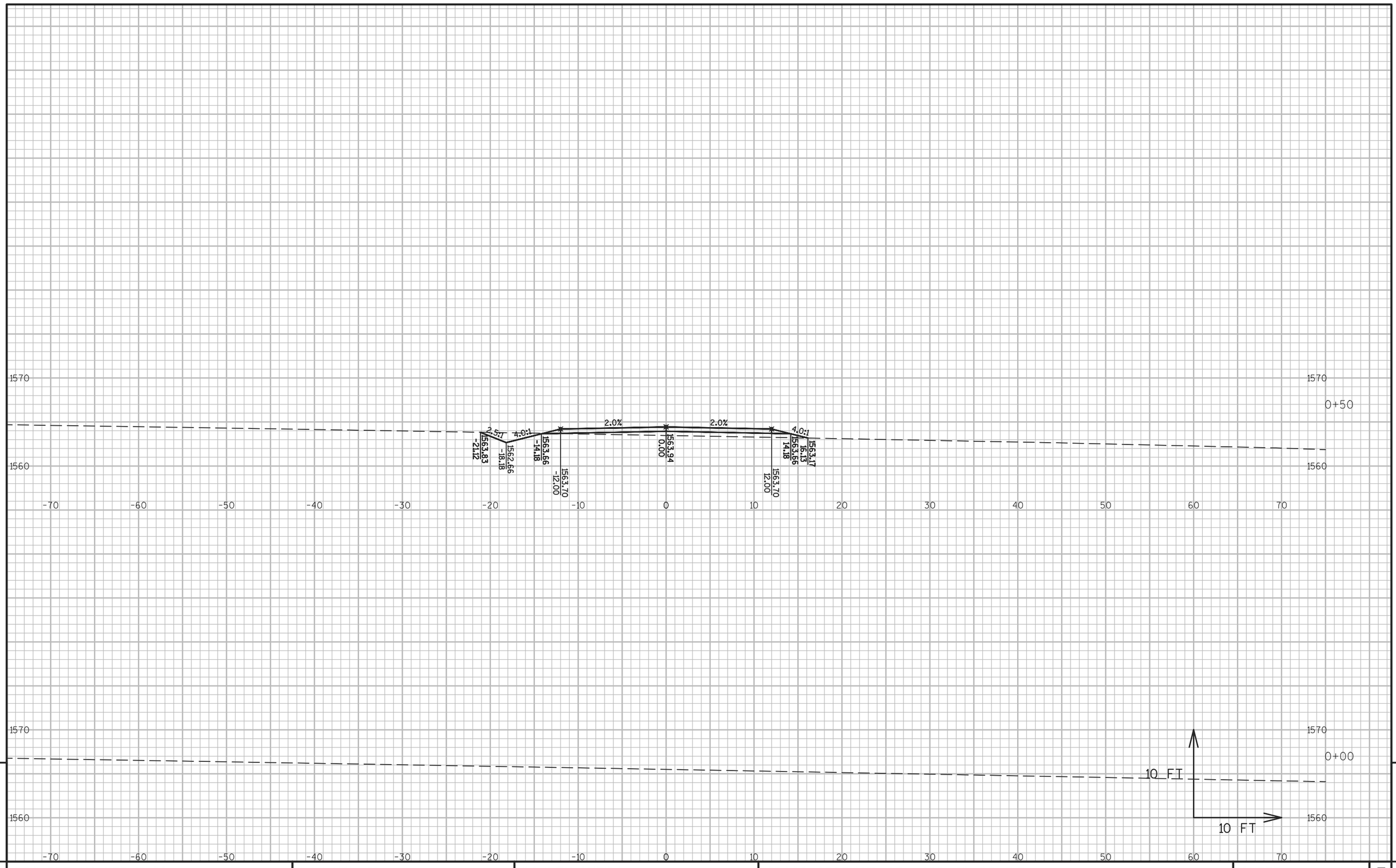
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 950+00 LT P.E.	SHEET 769	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (25)

PLOT DATE : 10/20/2015 3:25 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

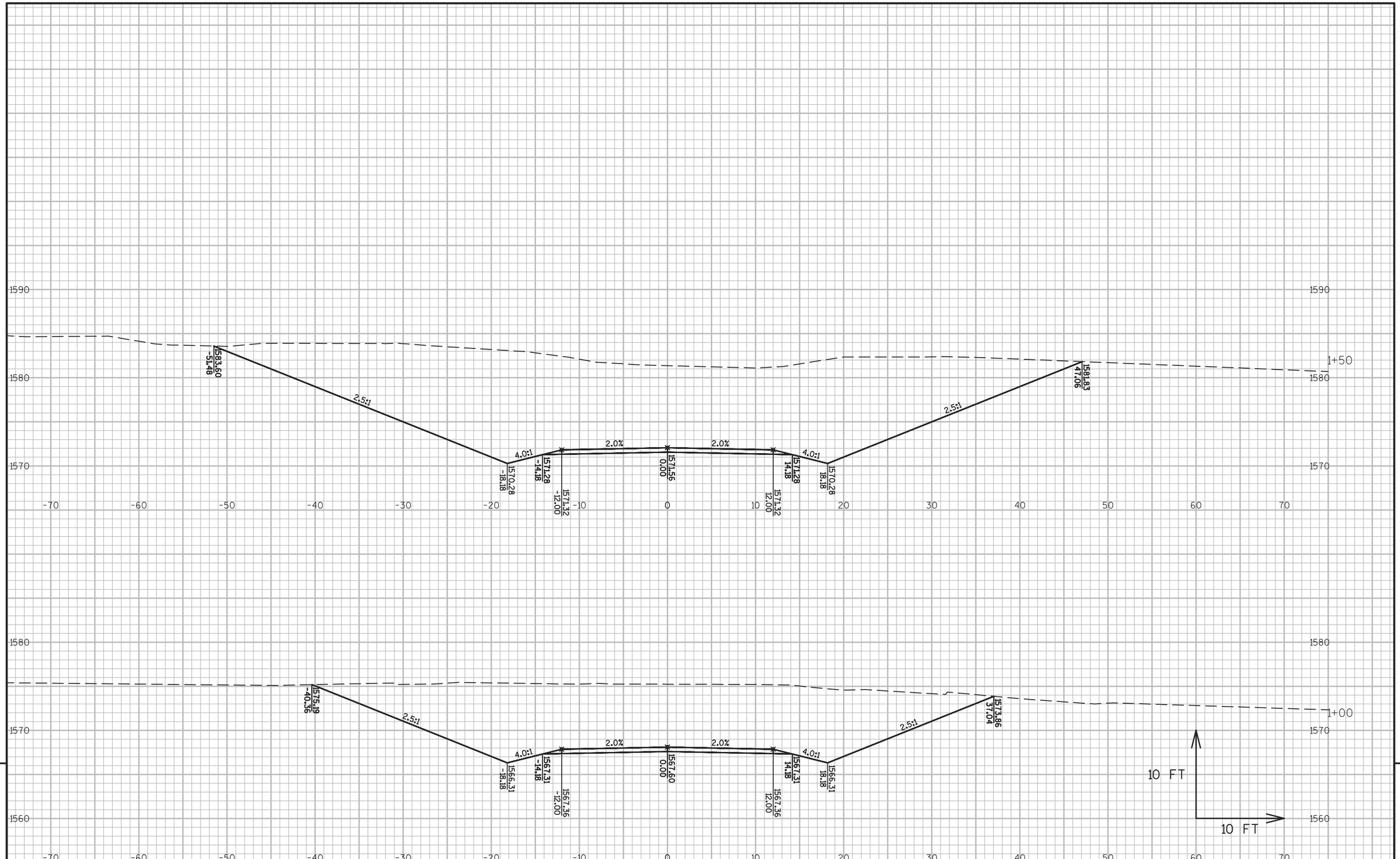


9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 998+40 RT P.E.	SHEET 770	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (26)

PLOT DATE : 10/20/2015 3:25 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



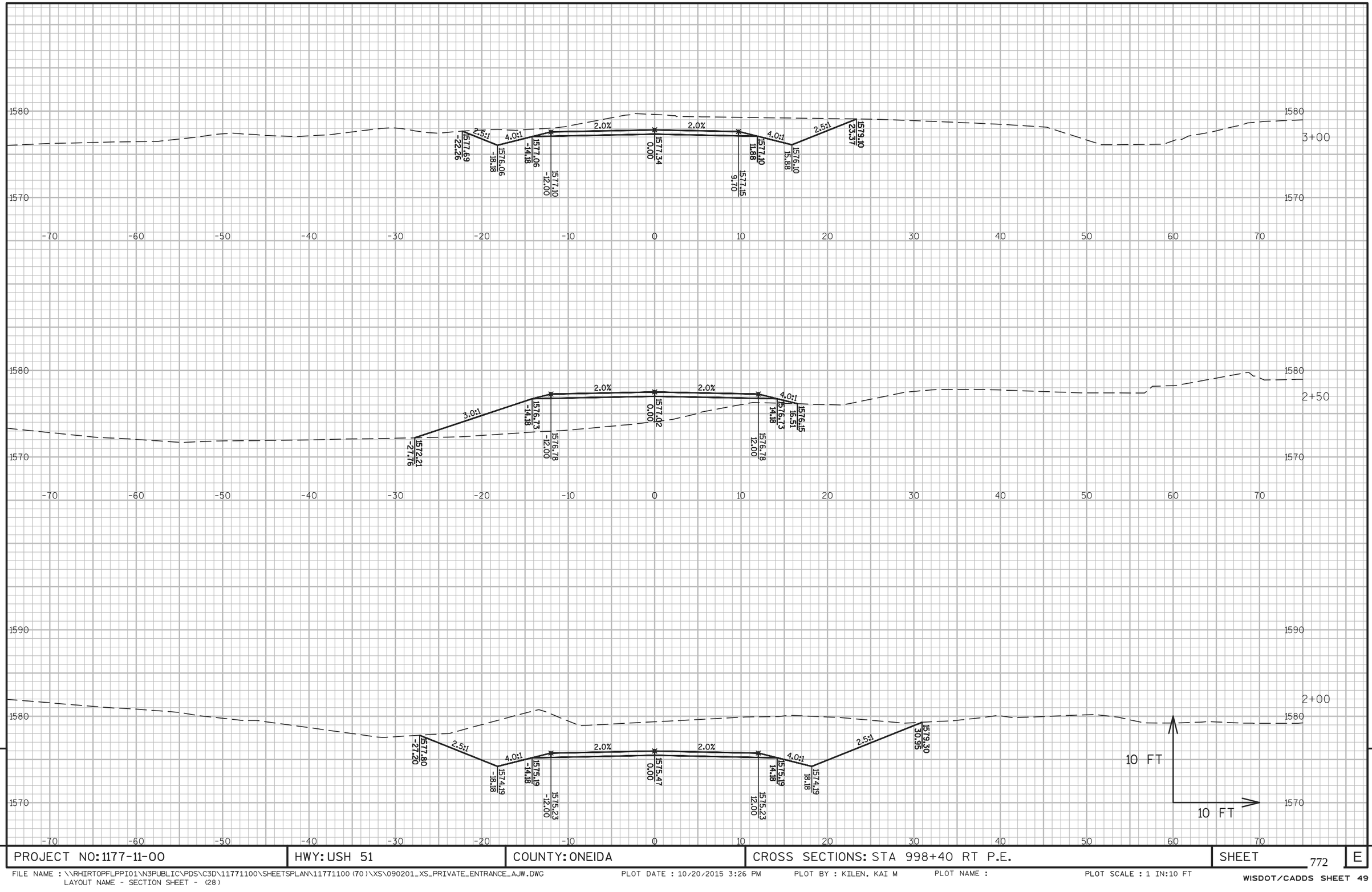
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 998+40 RT P.E.	SHEET 771	E

9

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (27)

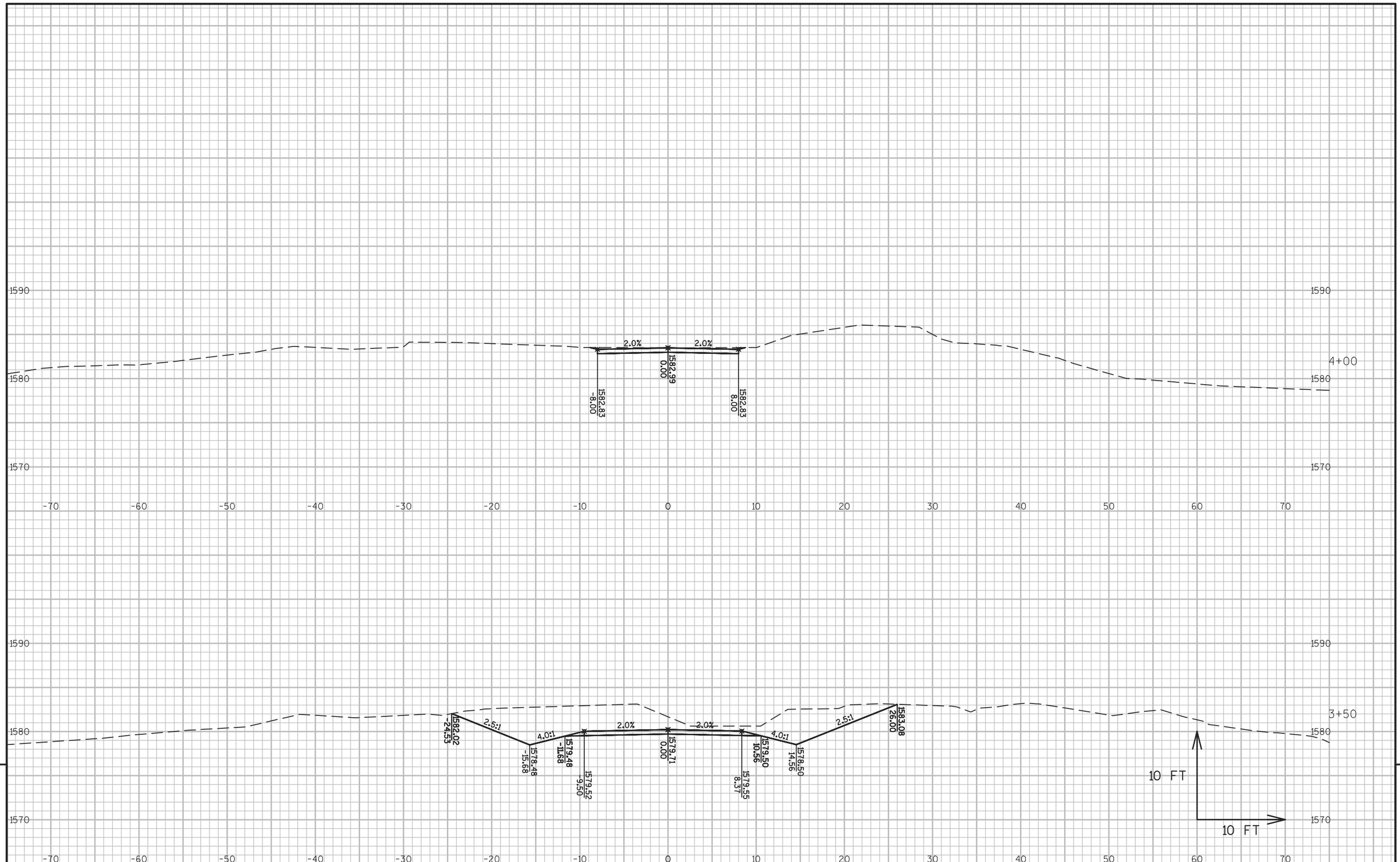
PLOT DATE : 10/20/2015 3:26 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 998+40 RT P.E.	SHEET 772	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (28)

PLOT DATE : 10/20/2015 3:26 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



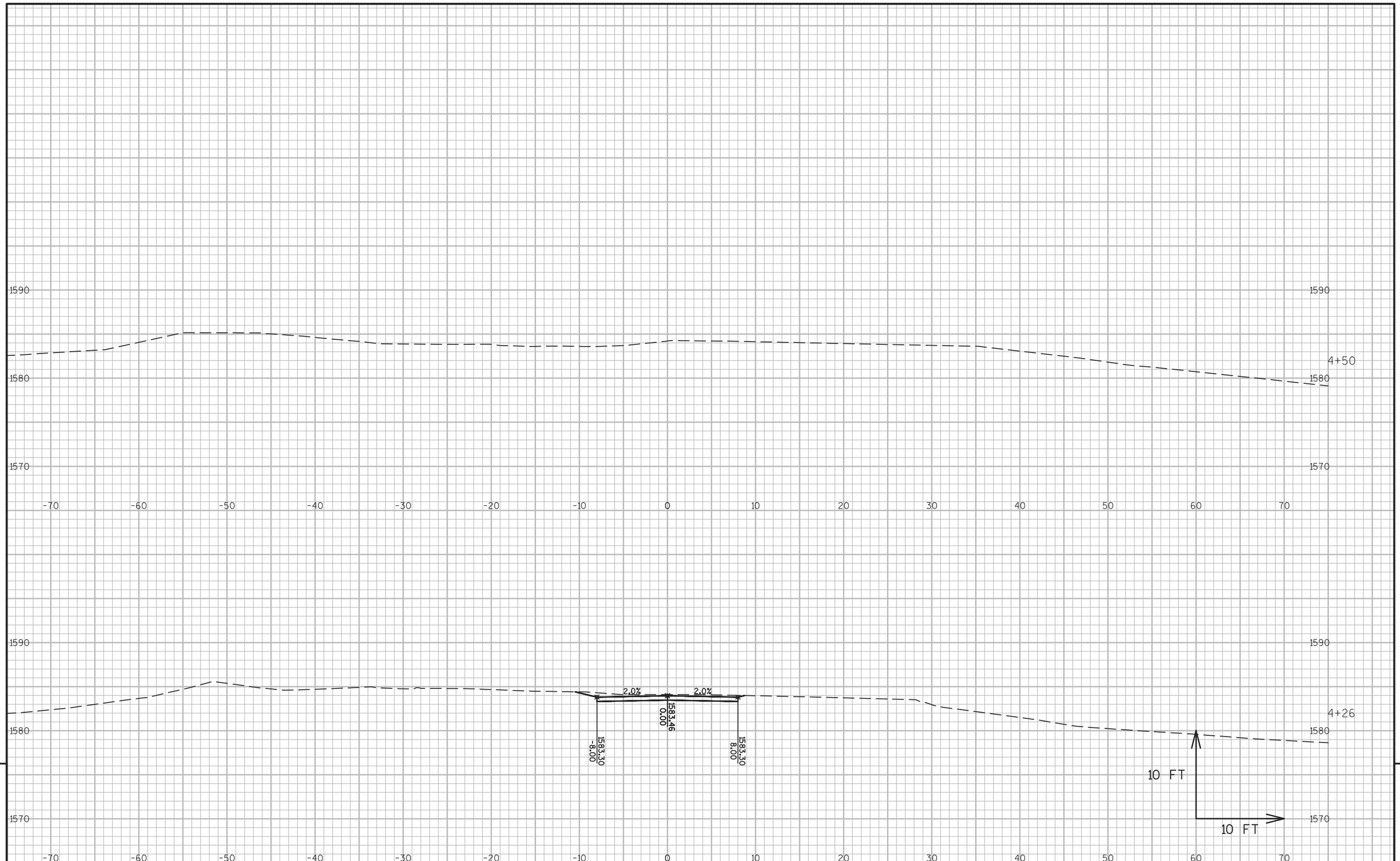
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 998+40 RT P.E.	SHEET 773	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (29)

PLOT DATE : 10/20/2015 3:26 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



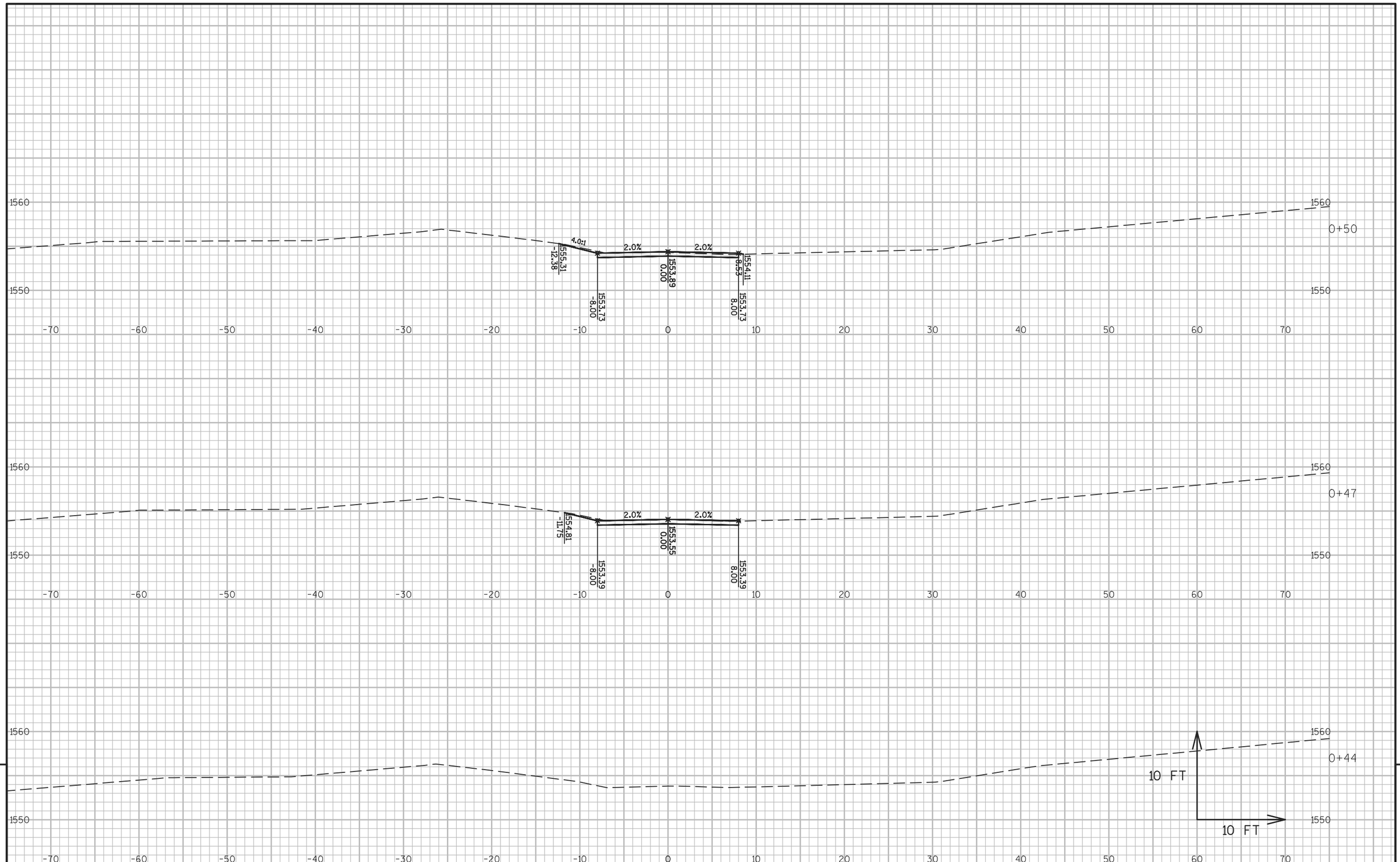
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 998+40 RT P.E.	SHEET 774	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (30)

PLOT DATE : 10/20/2015 3:26 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

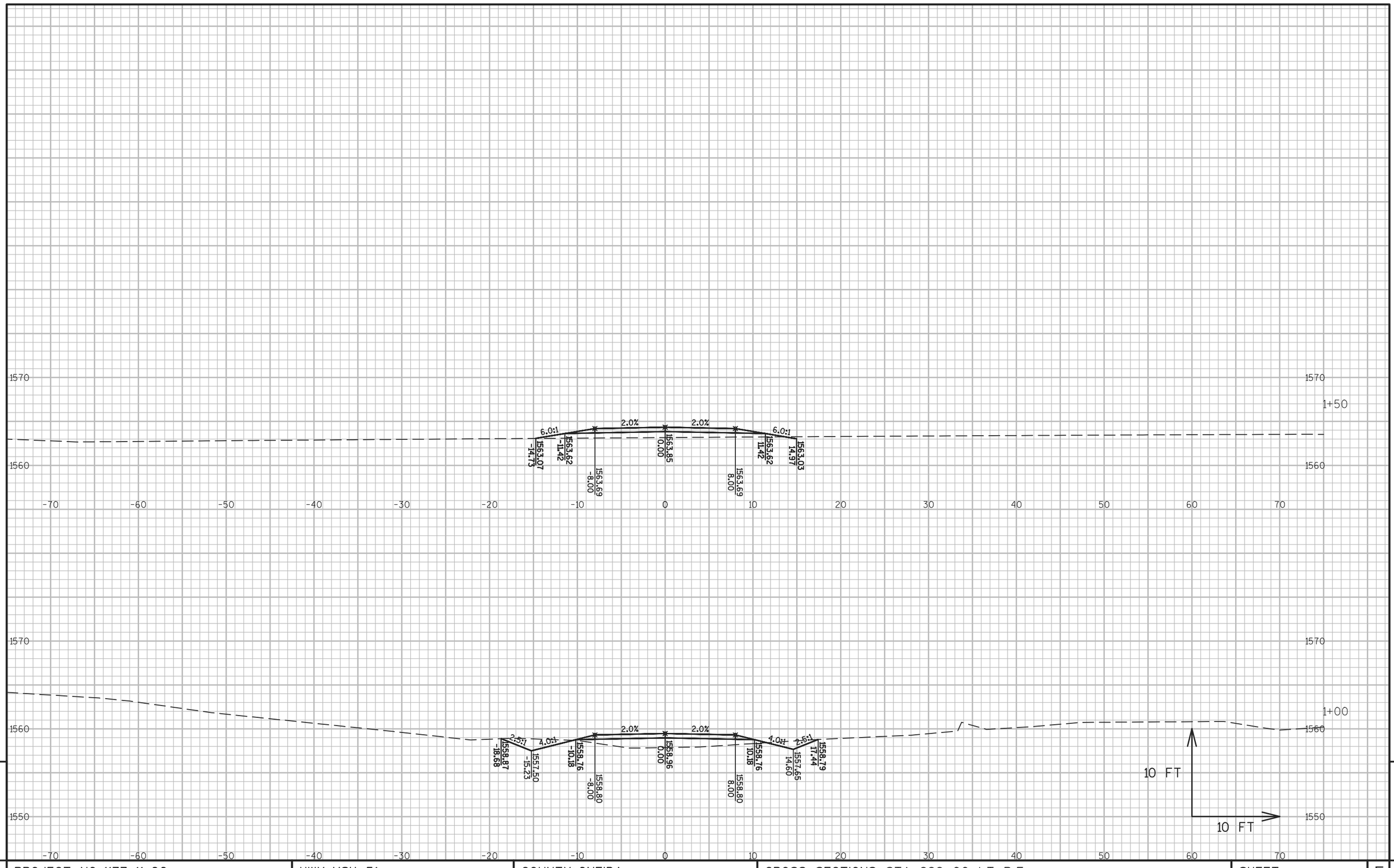


9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 999+00 LT P.E.	SHEET 775	E

9

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (31)
PLOT DATE : 10/20/2015 3:27 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49

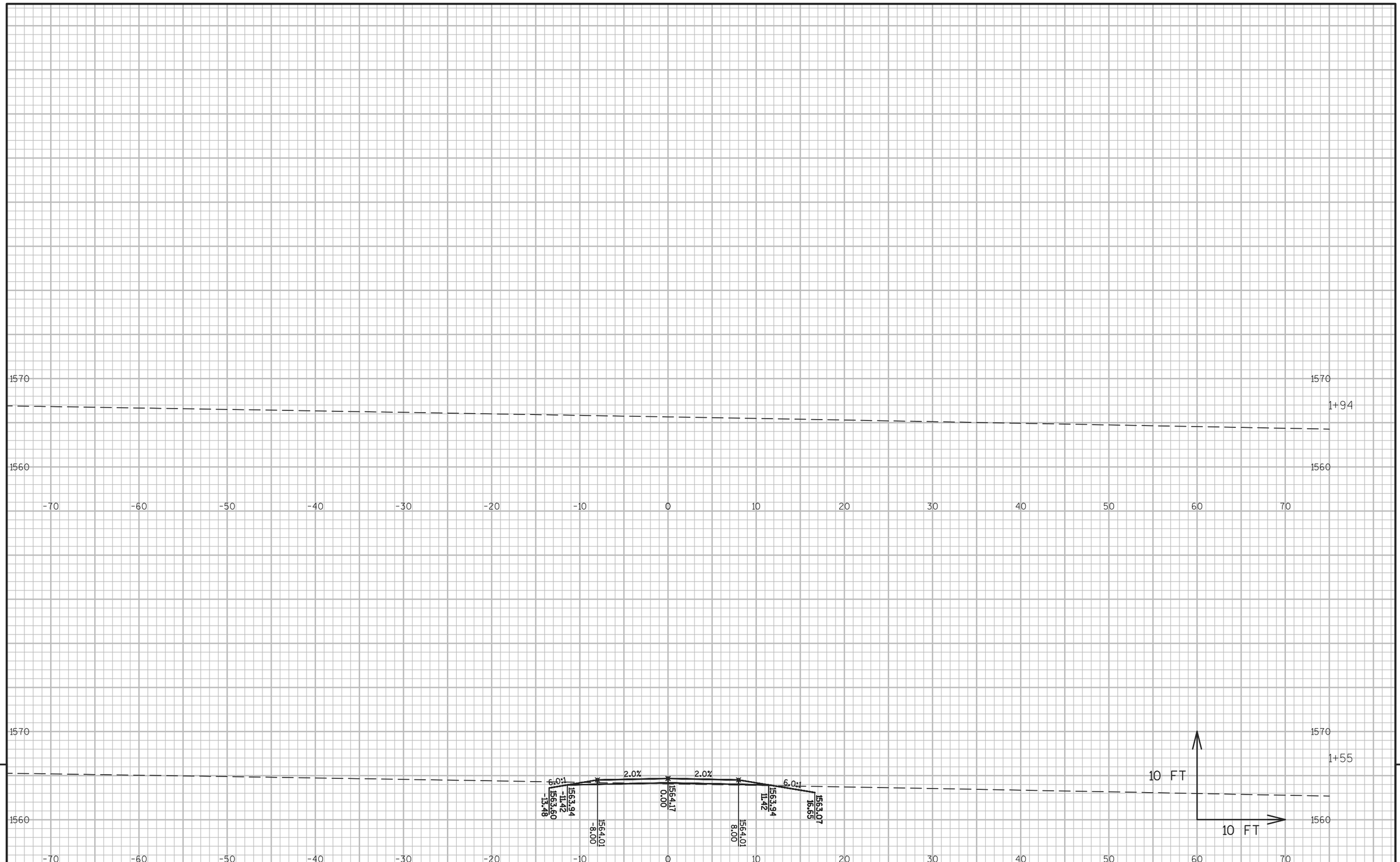


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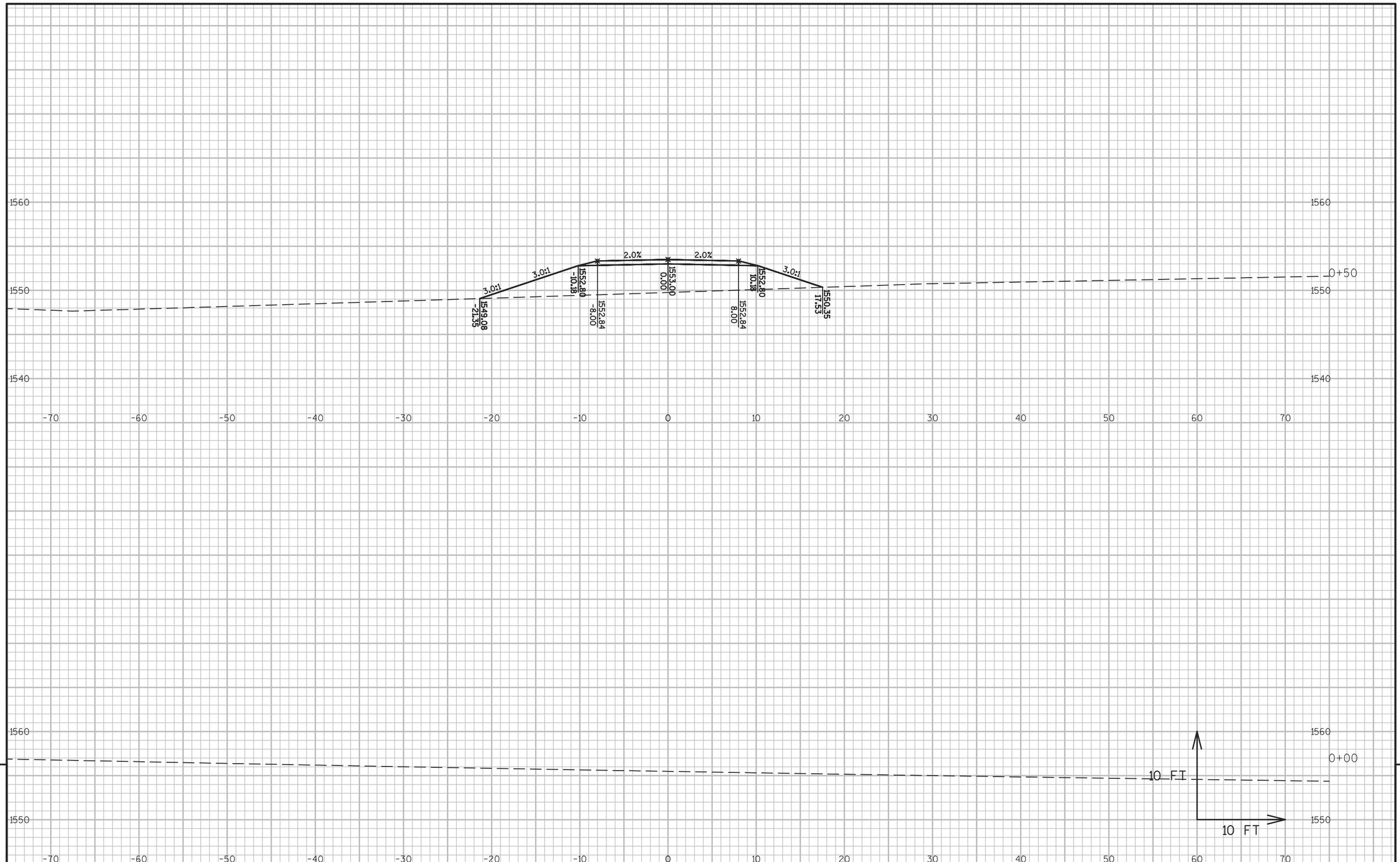
PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 999+00 LT P.E.	SHEET 776	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (32)
PLOT DATE : 10/20/2015 3:27 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 999+00 LT P.E.	SHEET 777	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (33)
PLOT DATE : 10/20/2015 3:27 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49



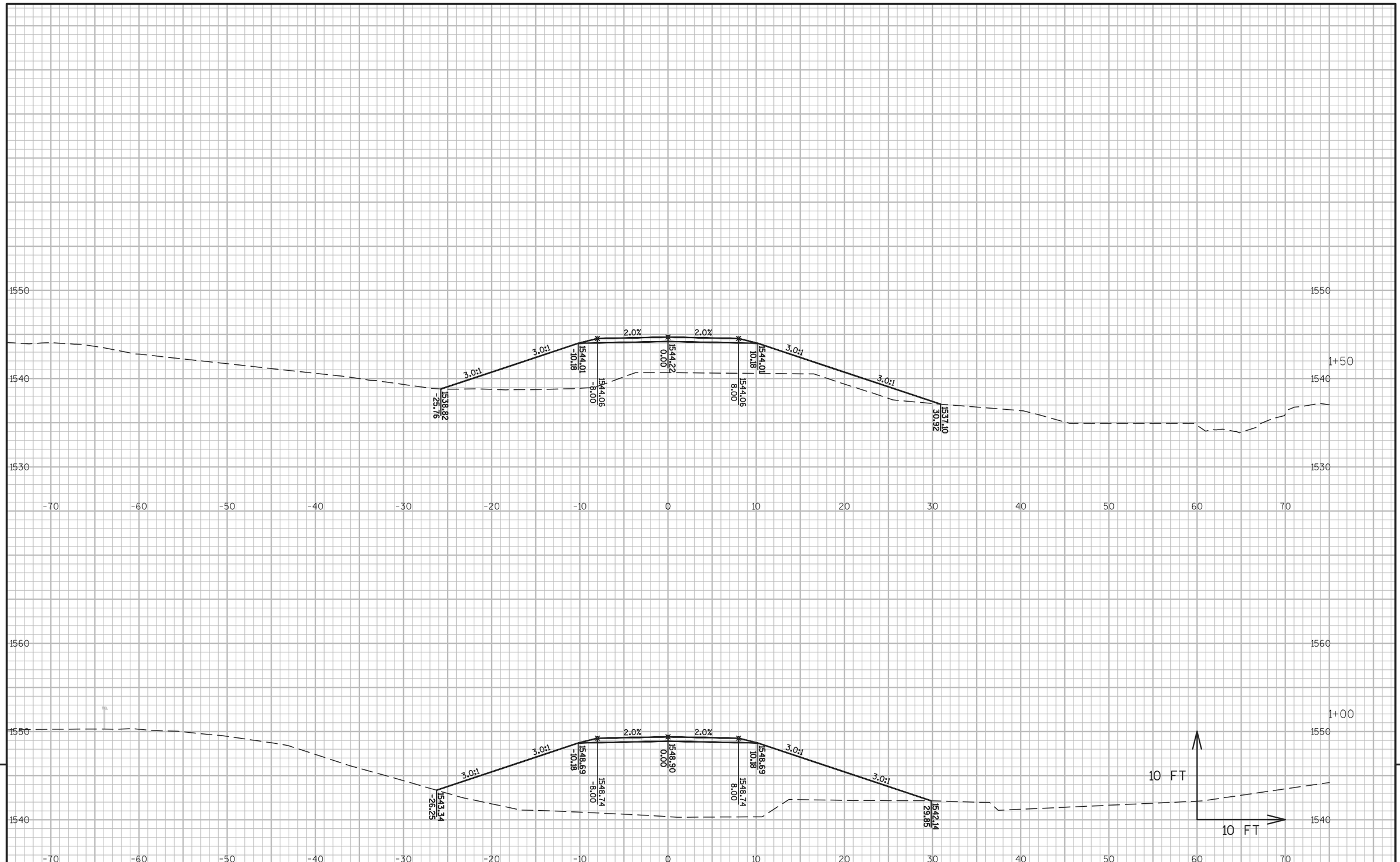
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: FROST BITE TRAIL P.E.	SHEET 778	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (34)

PLOT DATE : 10/20/2015 3:28 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

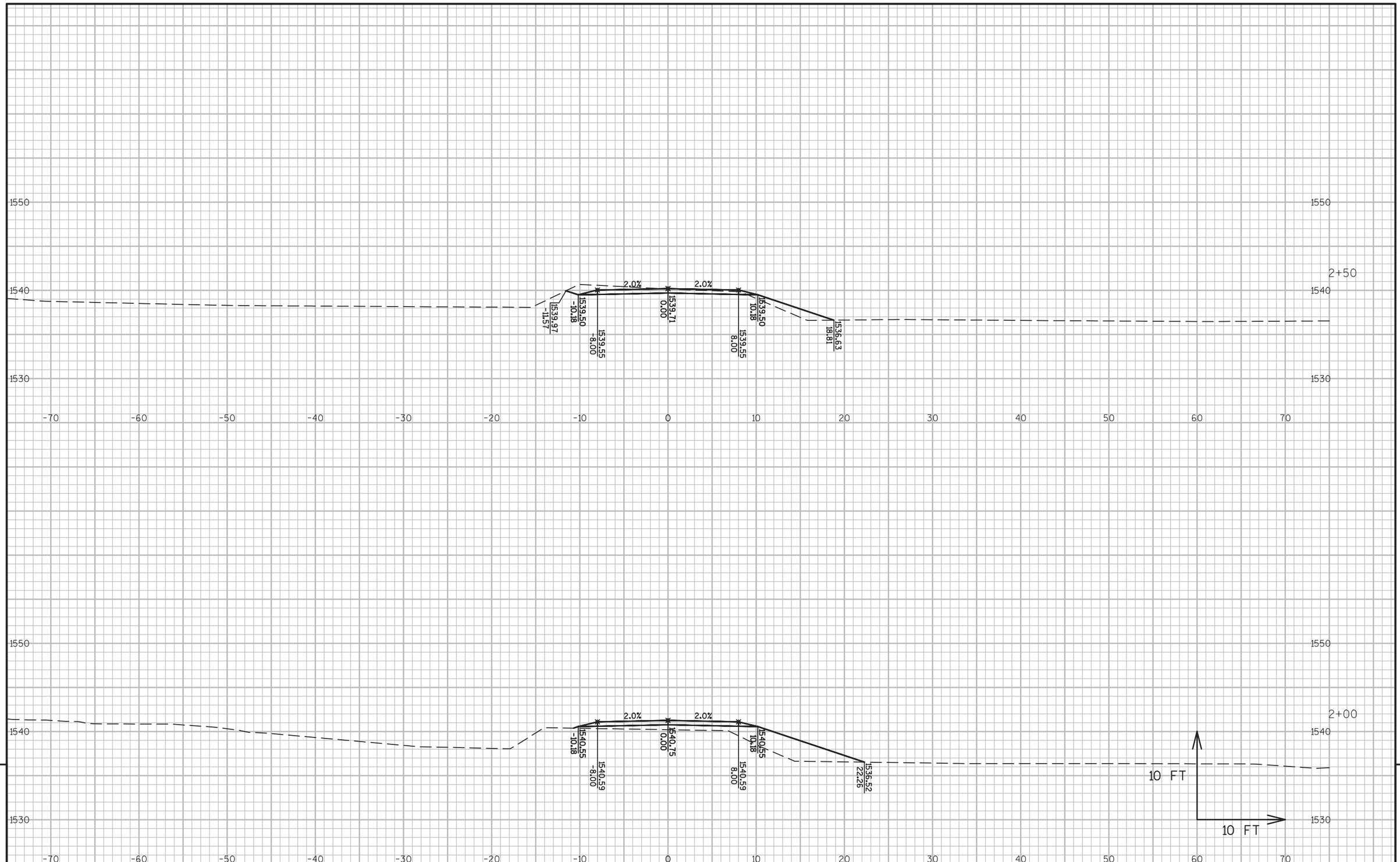


9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: FROST BITE TRAIL P.E.	SHEET 779	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (35)

PLOT DATE : 10/20/2015 3:28 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

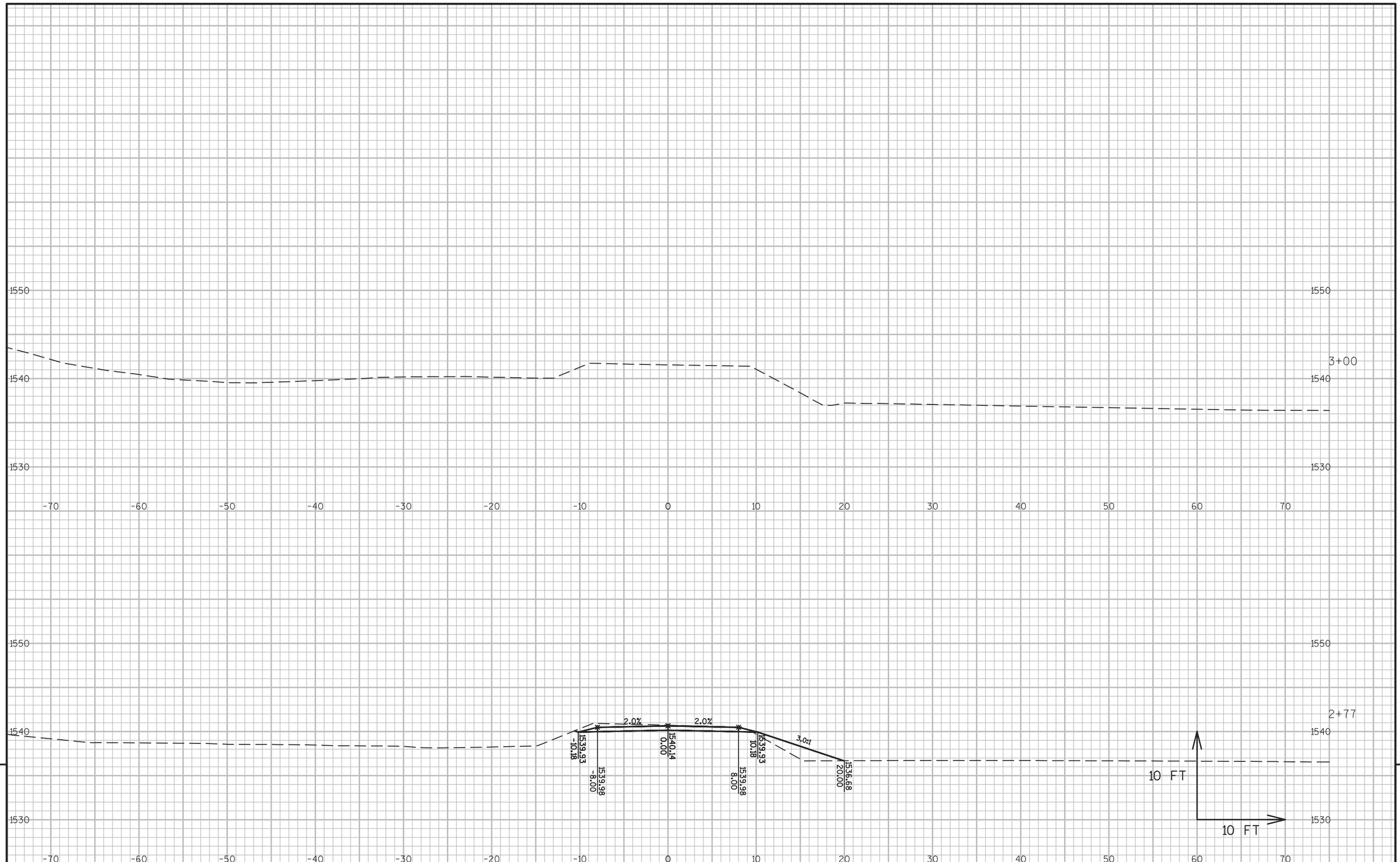
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: FROST BITE TRAIL P.E.	SHEET 780	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (36)

PLOT DATE : 10/20/2015 3:28 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



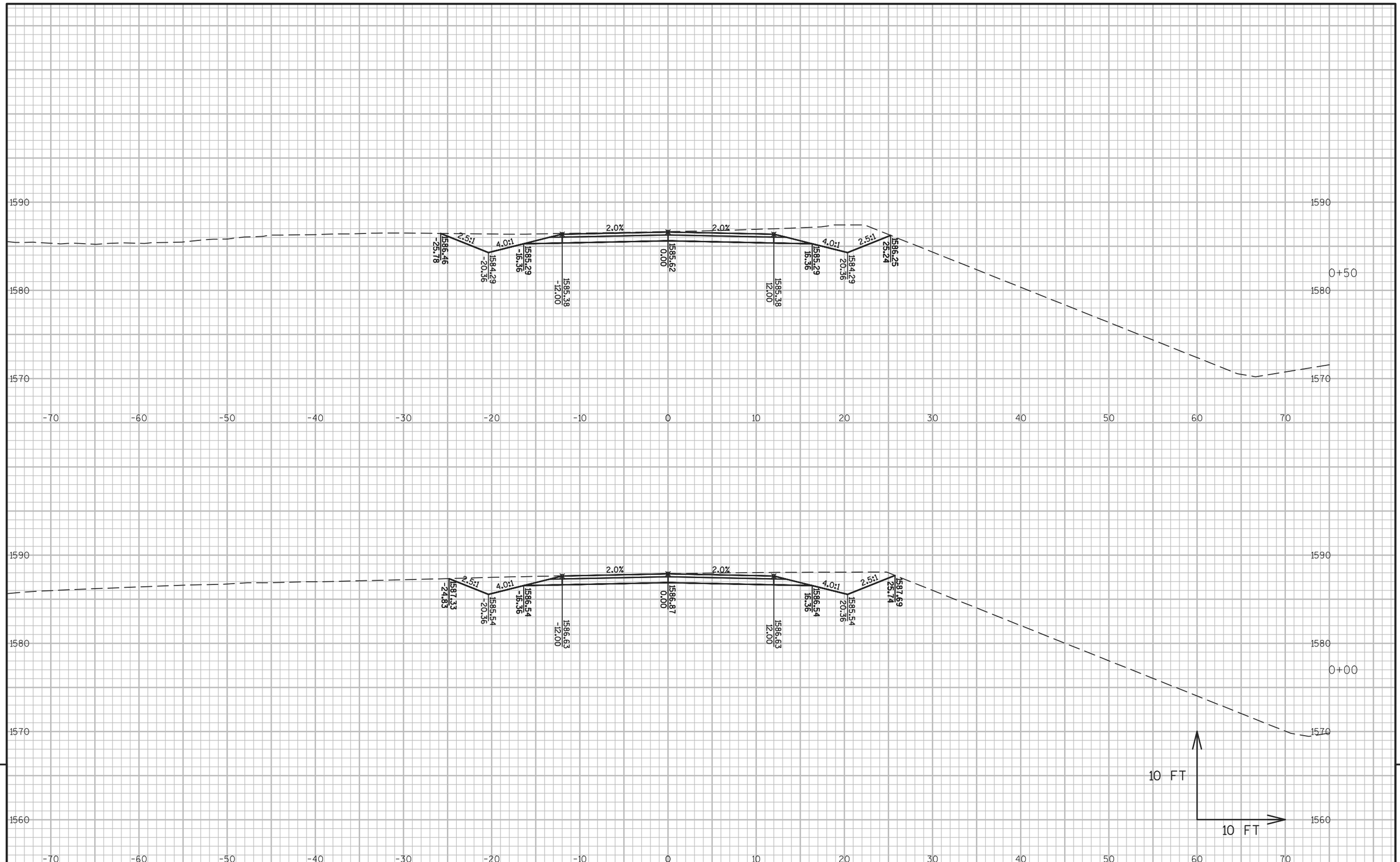
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: FROST BITE TRAIL P.E.	SHEET 781	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (37)

PLOT DATE : 10/20/2015 3:28 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



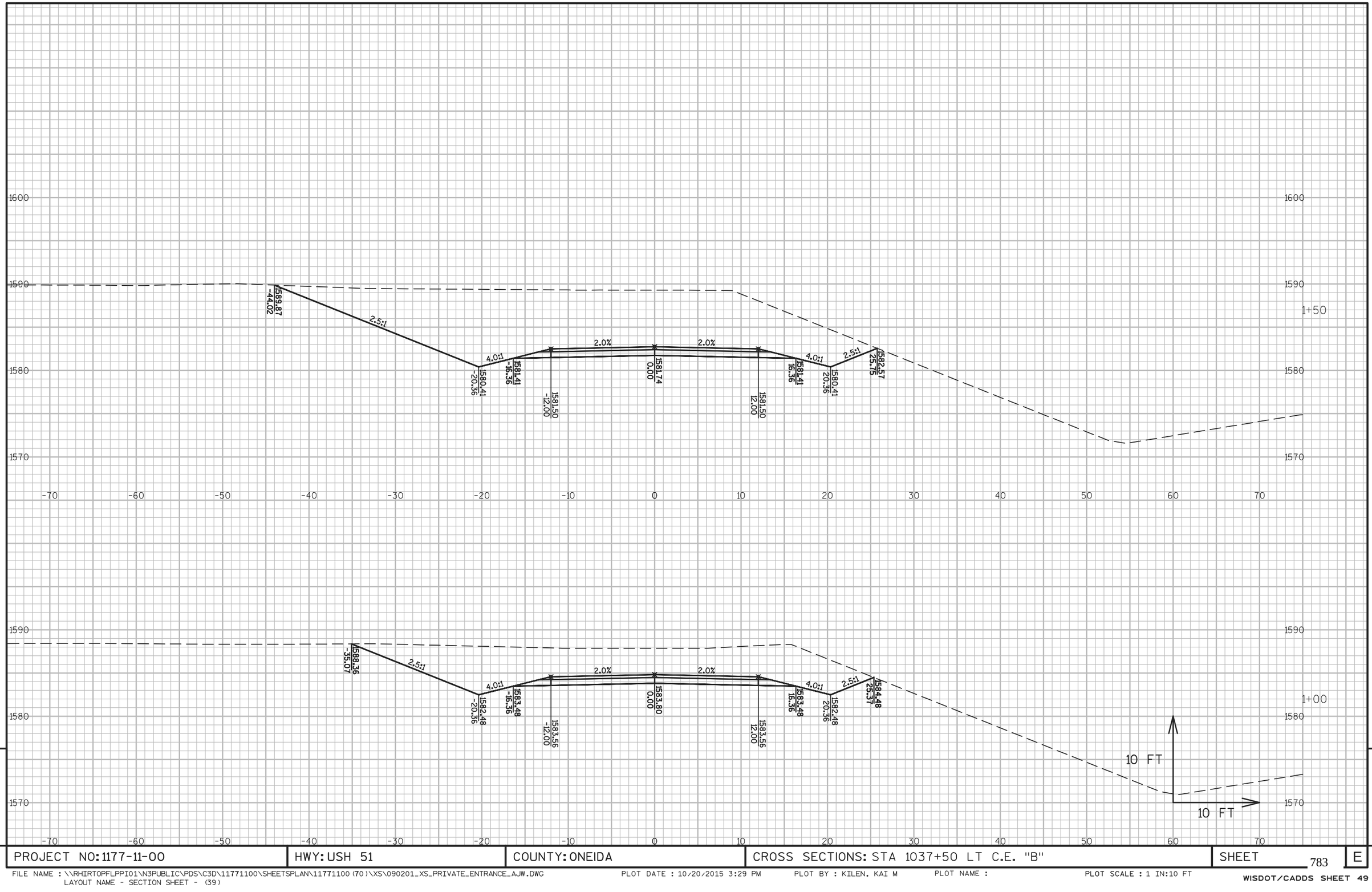
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1037+50 LT C.E. "B"	SHEET 782	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (38)

PLOT DATE : 10/20/2015 3:29 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



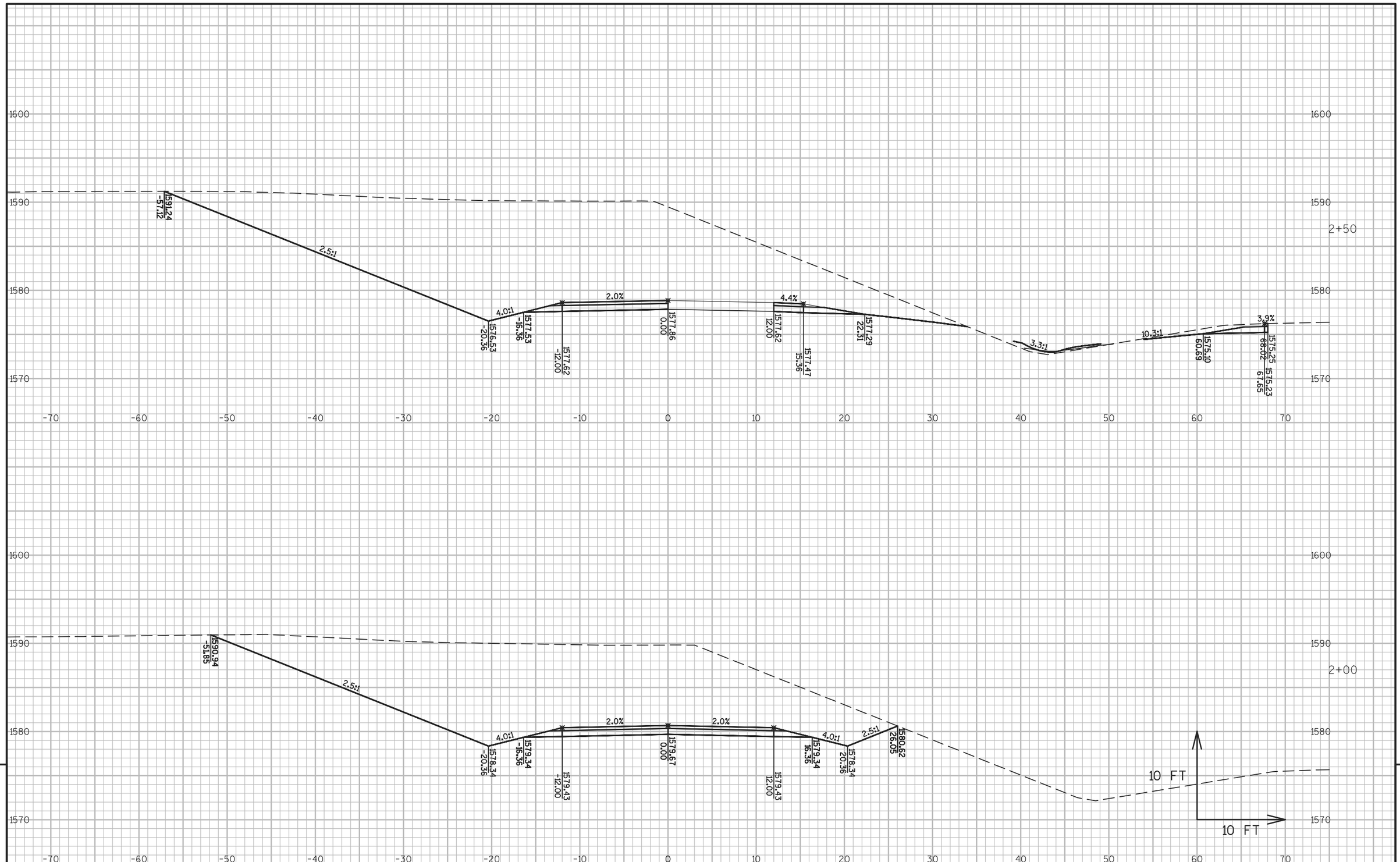
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1037+50 LT C.E. "B"	SHEET 783	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (39)

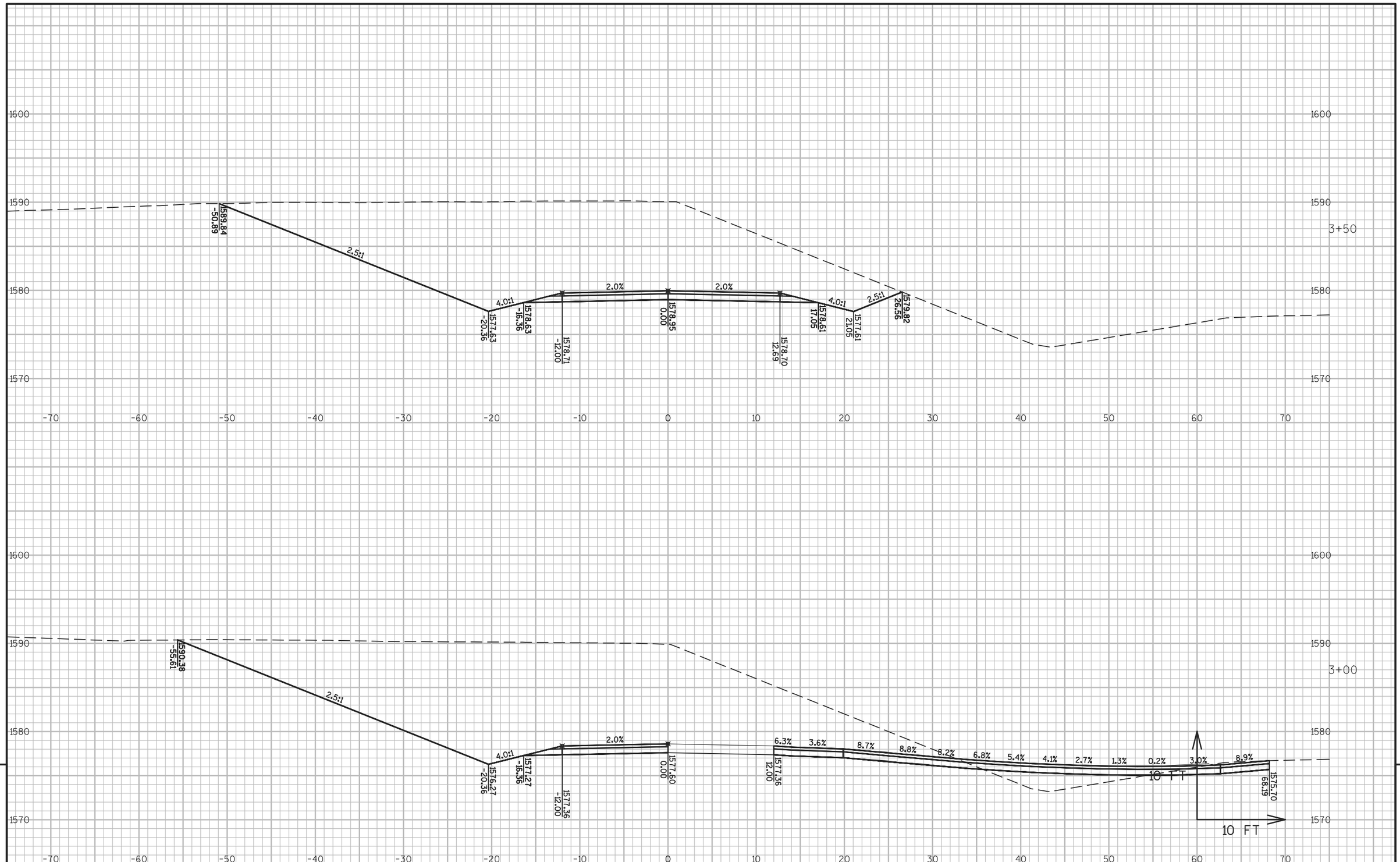
PLOT DATE : 10/20/2015 3:29 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1037+50 LT C.E. "B"	SHEET 784	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100 (70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (40)

PLOT DATE : 10/20/2015 3:29 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

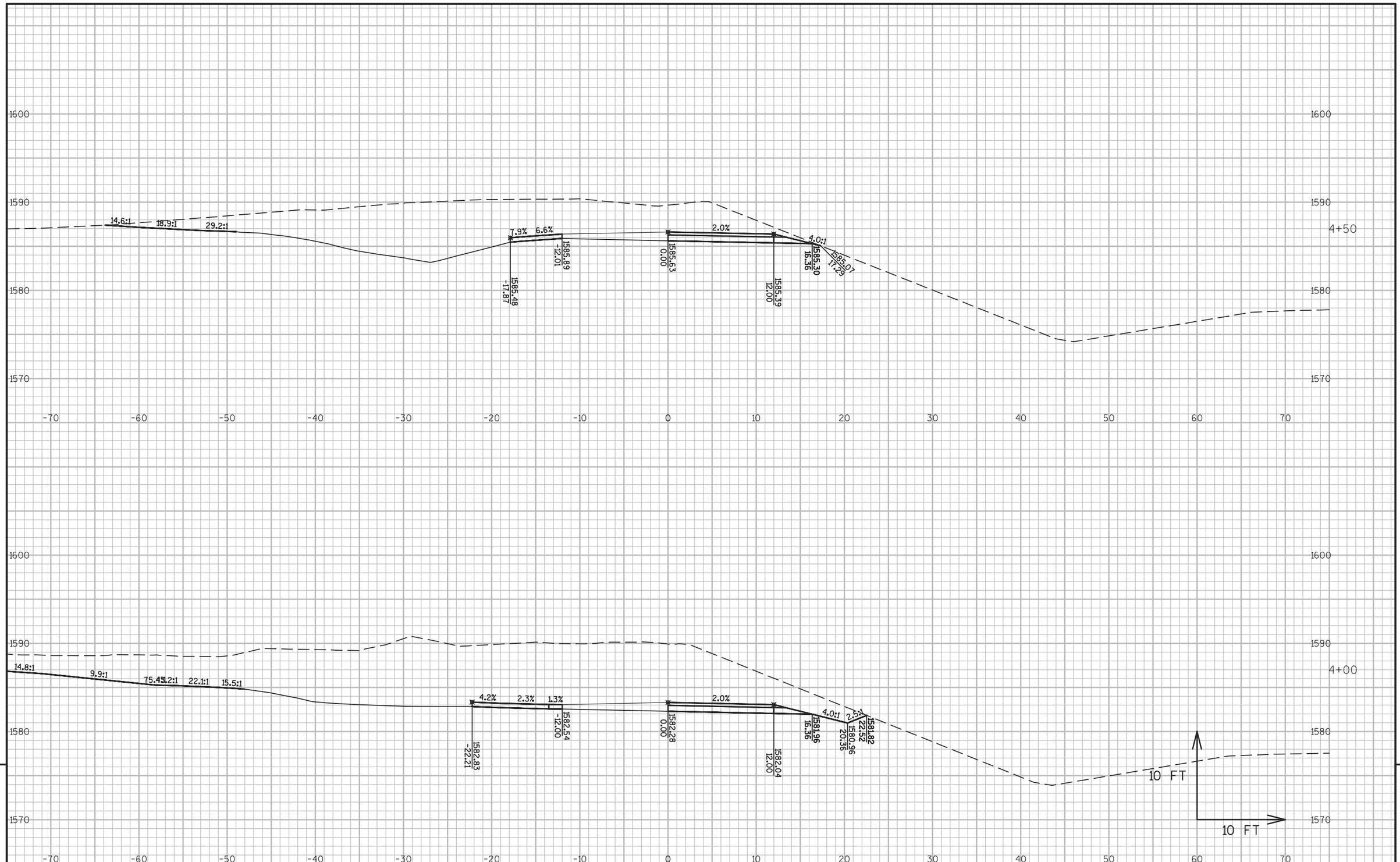


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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1037+50 LT C.E. "B"	SHEET 785	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (41)
PLOT DATE : 10/20/2015 3:29 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



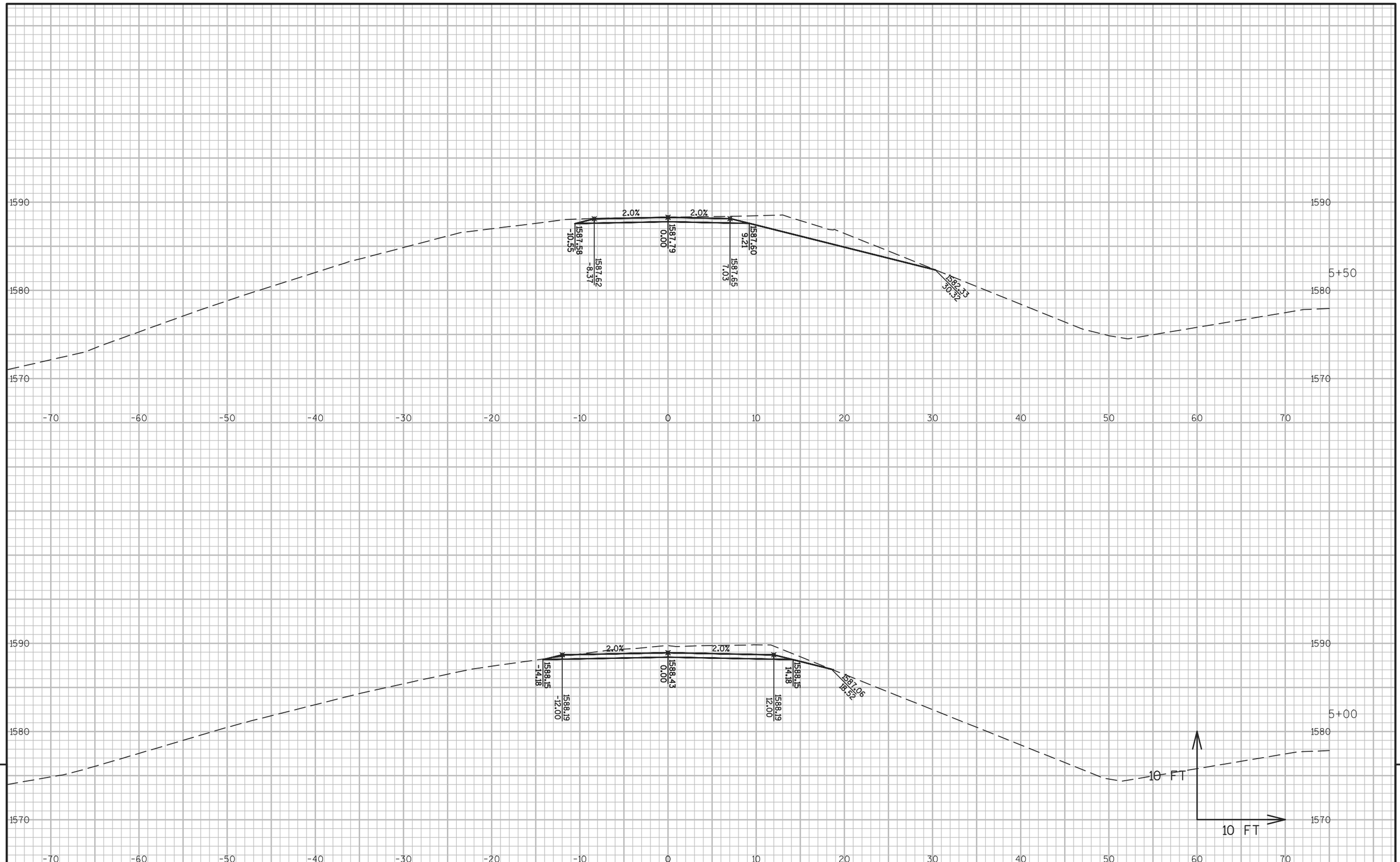
9

9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1037+50 LT C.E. "B"	SHEET 786	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (42)

PLOT DATE : 10/20/2015 3:30 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



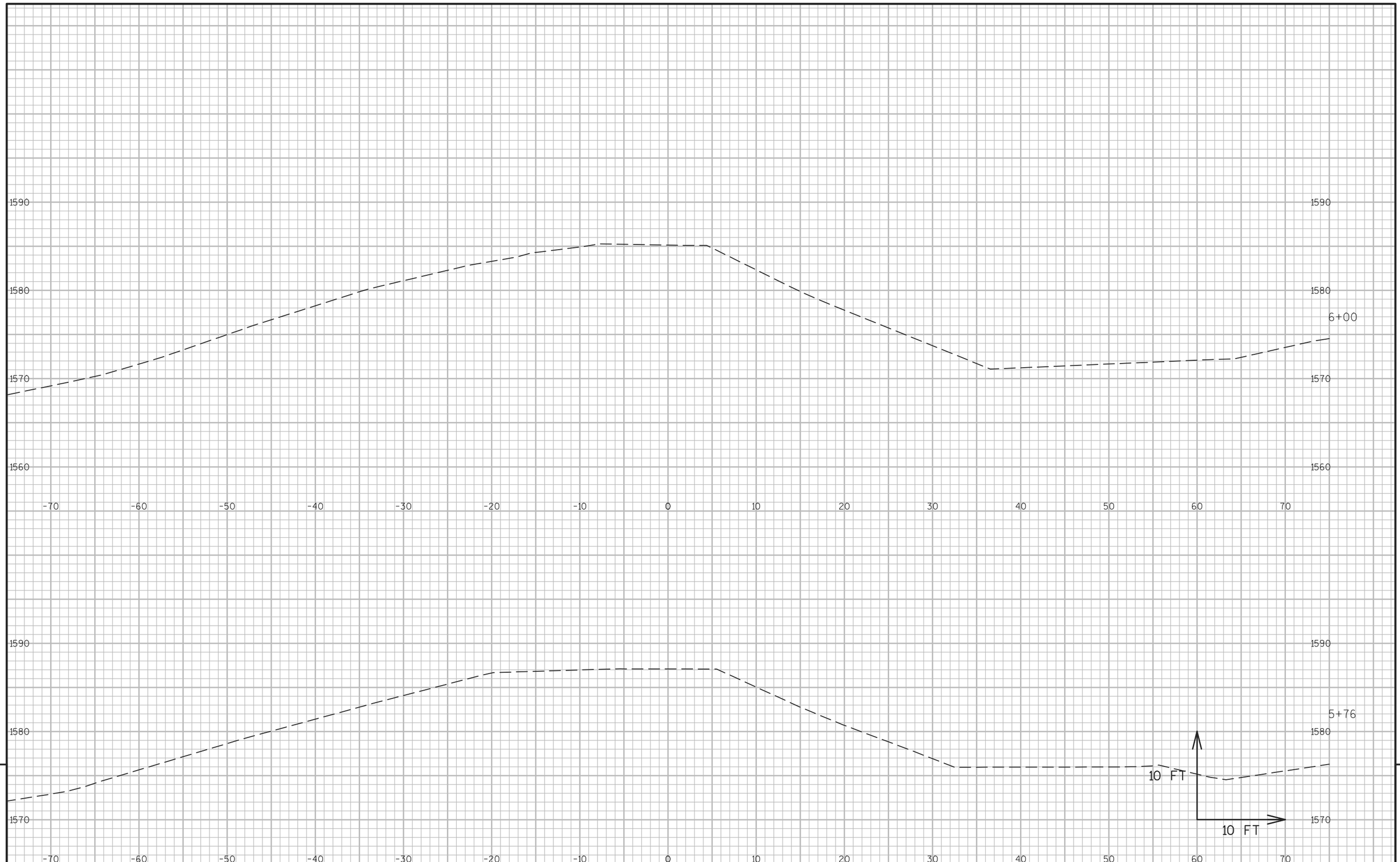
9

9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1037+50 LT C.E. "B"	SHEET 787	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (43)

PLOT DATE : 10/20/2015 3:30 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

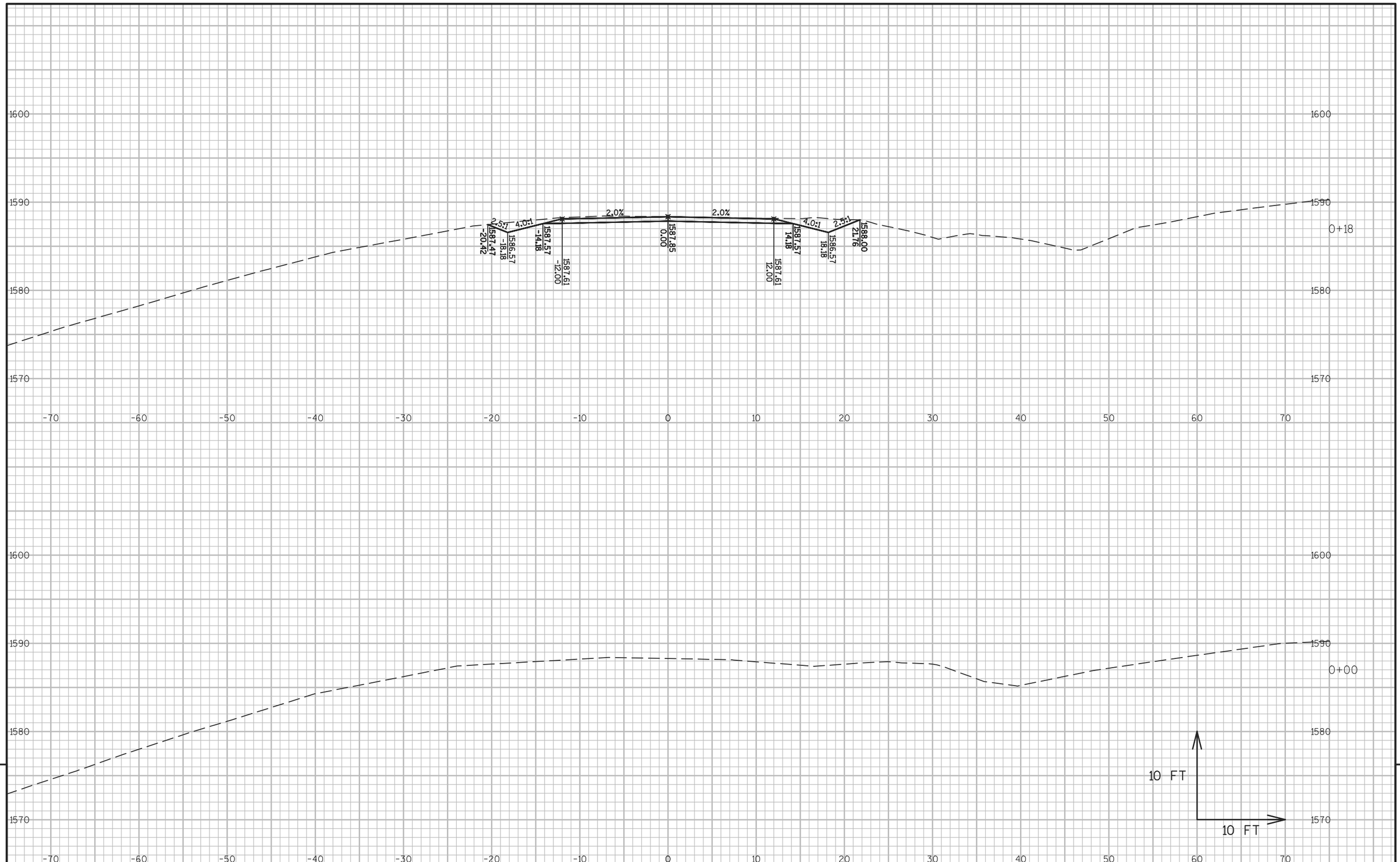


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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1037+50 LT C.E. "B"	SHEET 788	E

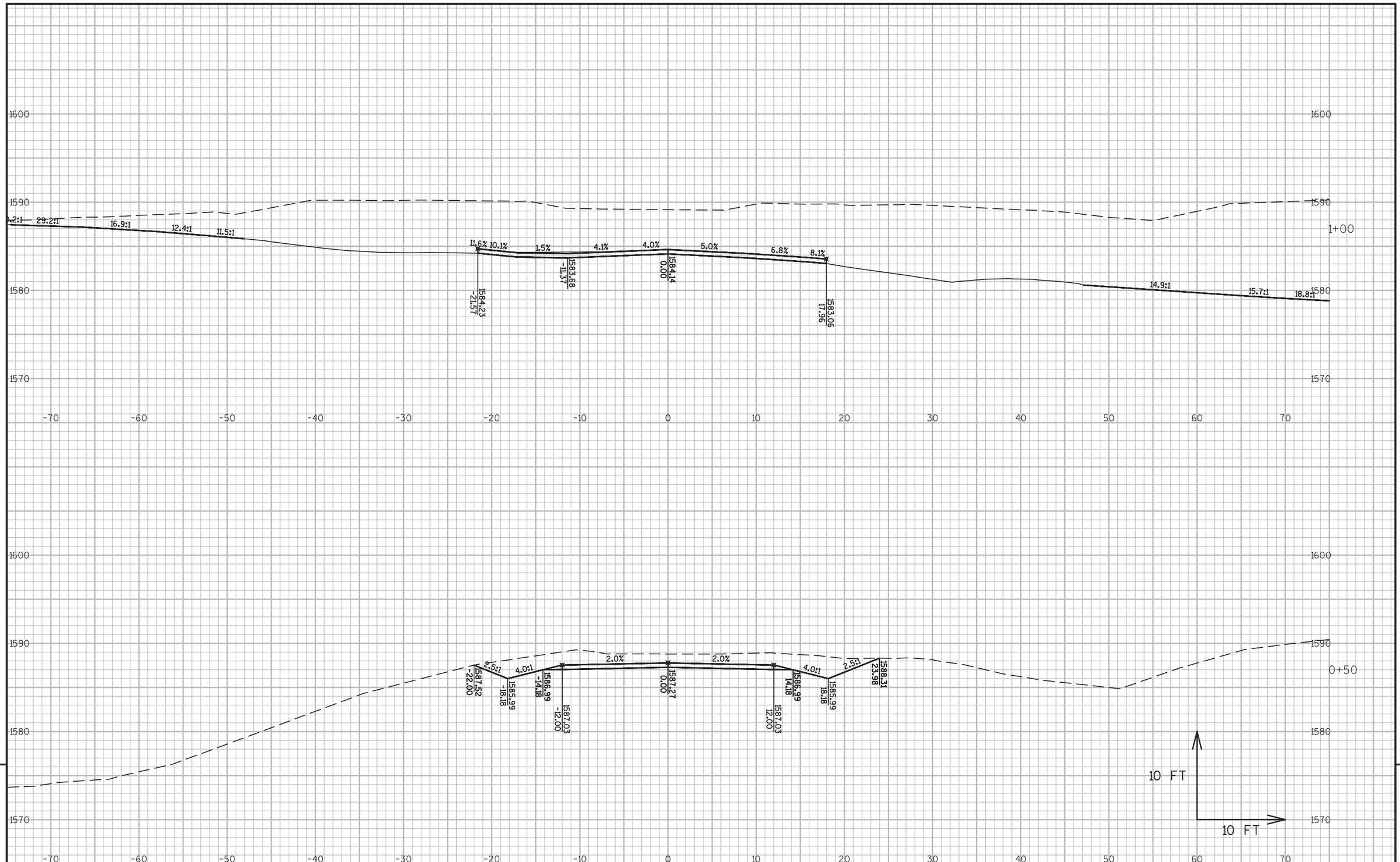
FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (44)
PLOT DATE : 10/20/2015 3:30 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49



PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1037+50 LT C.E. "C"	SHEET 789	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (46)

PLOT DATE : 10/20/2015 3:30 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



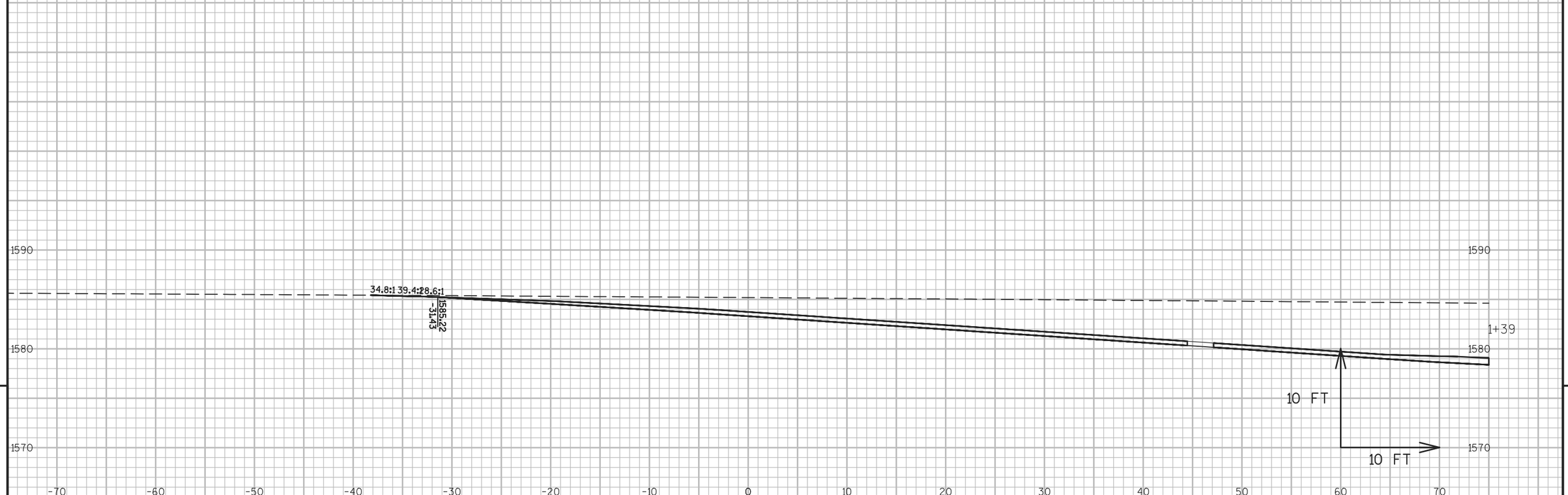
9

9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1037+50 LT C.E. "C"	SHEET 790	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (47)

PLOT DATE : 10/20/2015 3:30 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

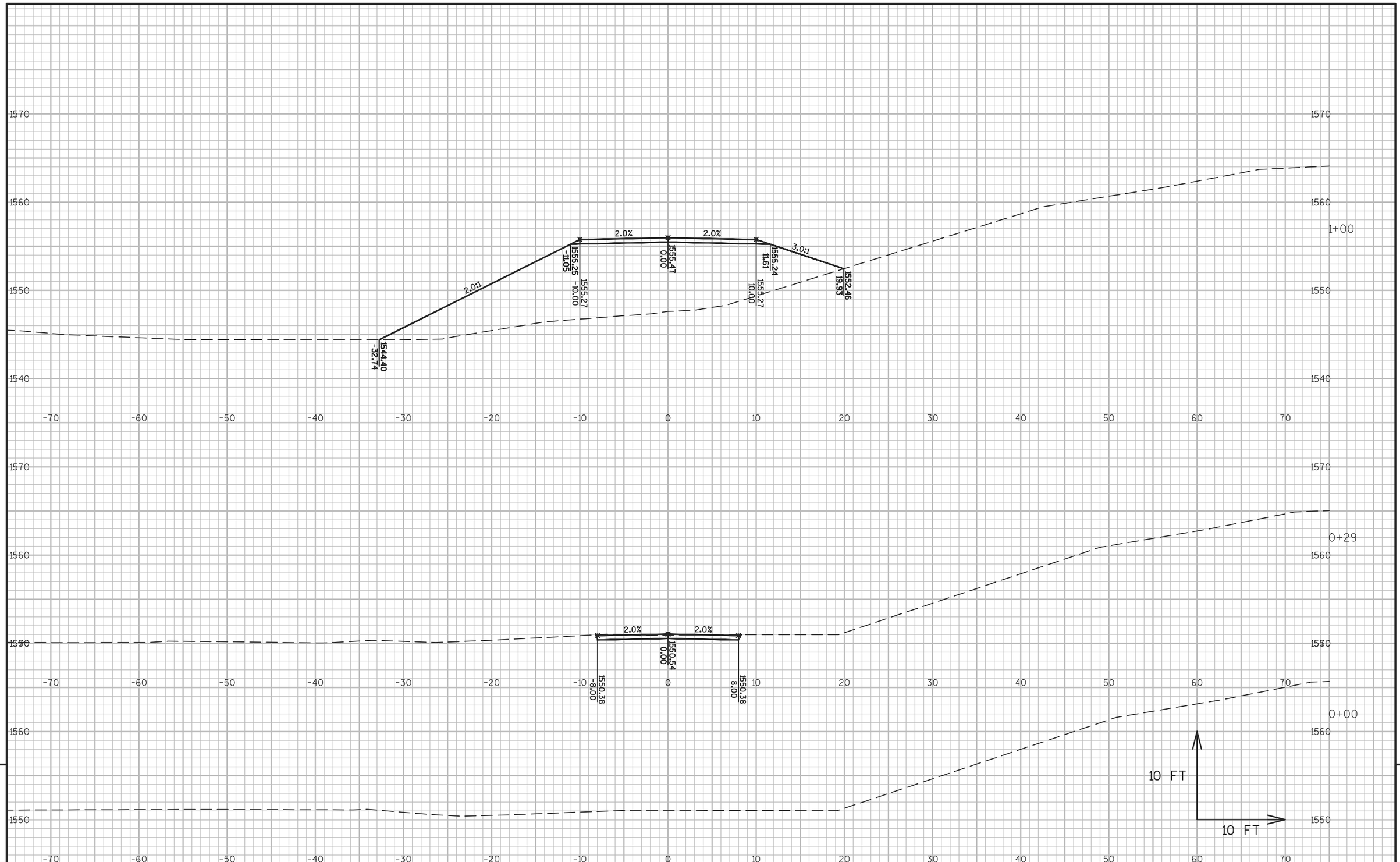


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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1037+50 LT C.E. "C"	SHEET 791	E

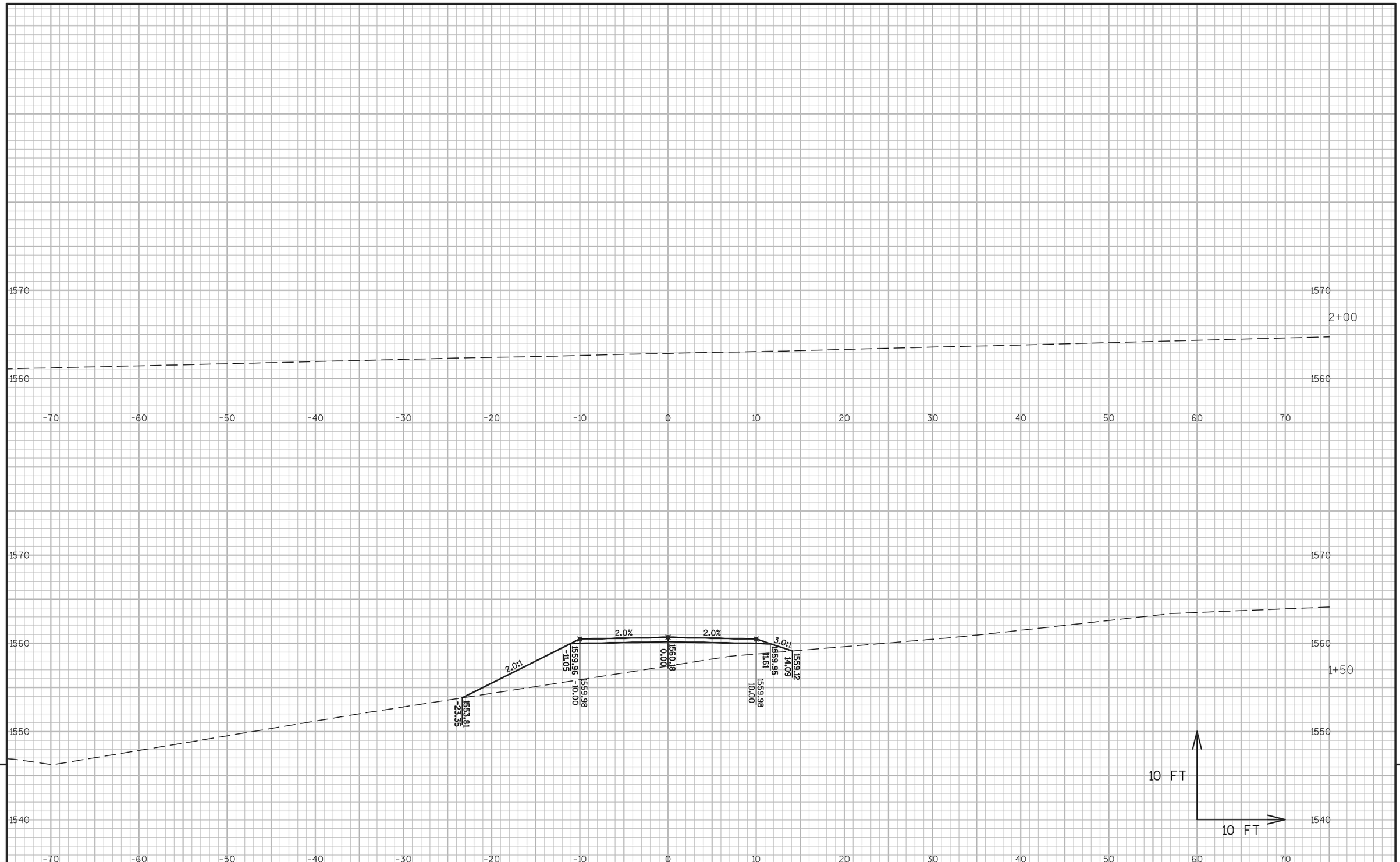
FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (48)
PLOT DATE : 10/20/2015 3:31 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49



9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1052+28 LT P.E.	SHEET 792	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (49)
PLOT DATE : 10/20/2015 3:31 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49



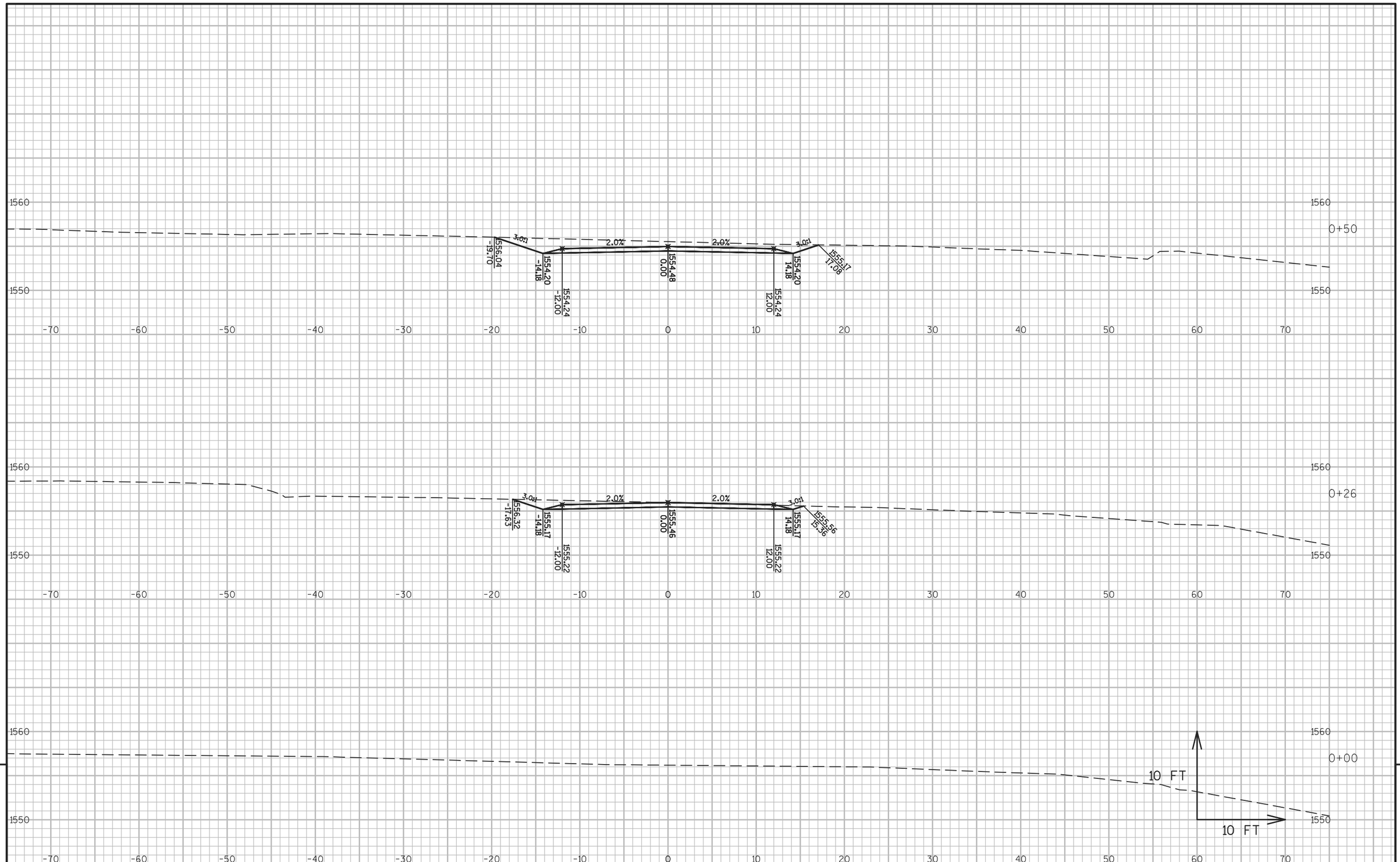
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1052+28 LT P.E.	SHEET 793	E

9

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (50)

PLOT DATE : 10/20/2015 3:31 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



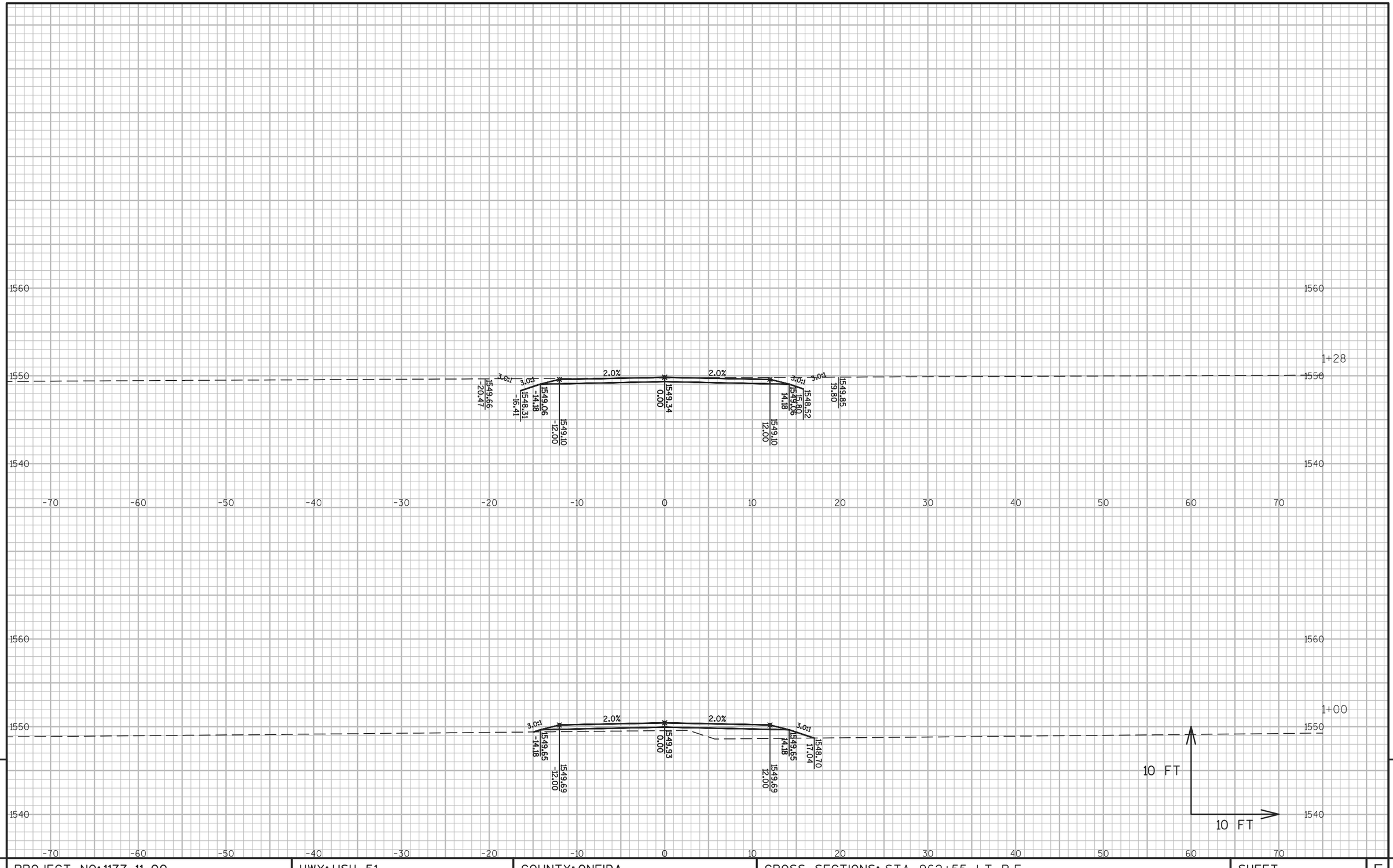
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 962+55 LT P.E.	SHEET 794	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (51)

PLOT DATE : 10/20/2015 3:31 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

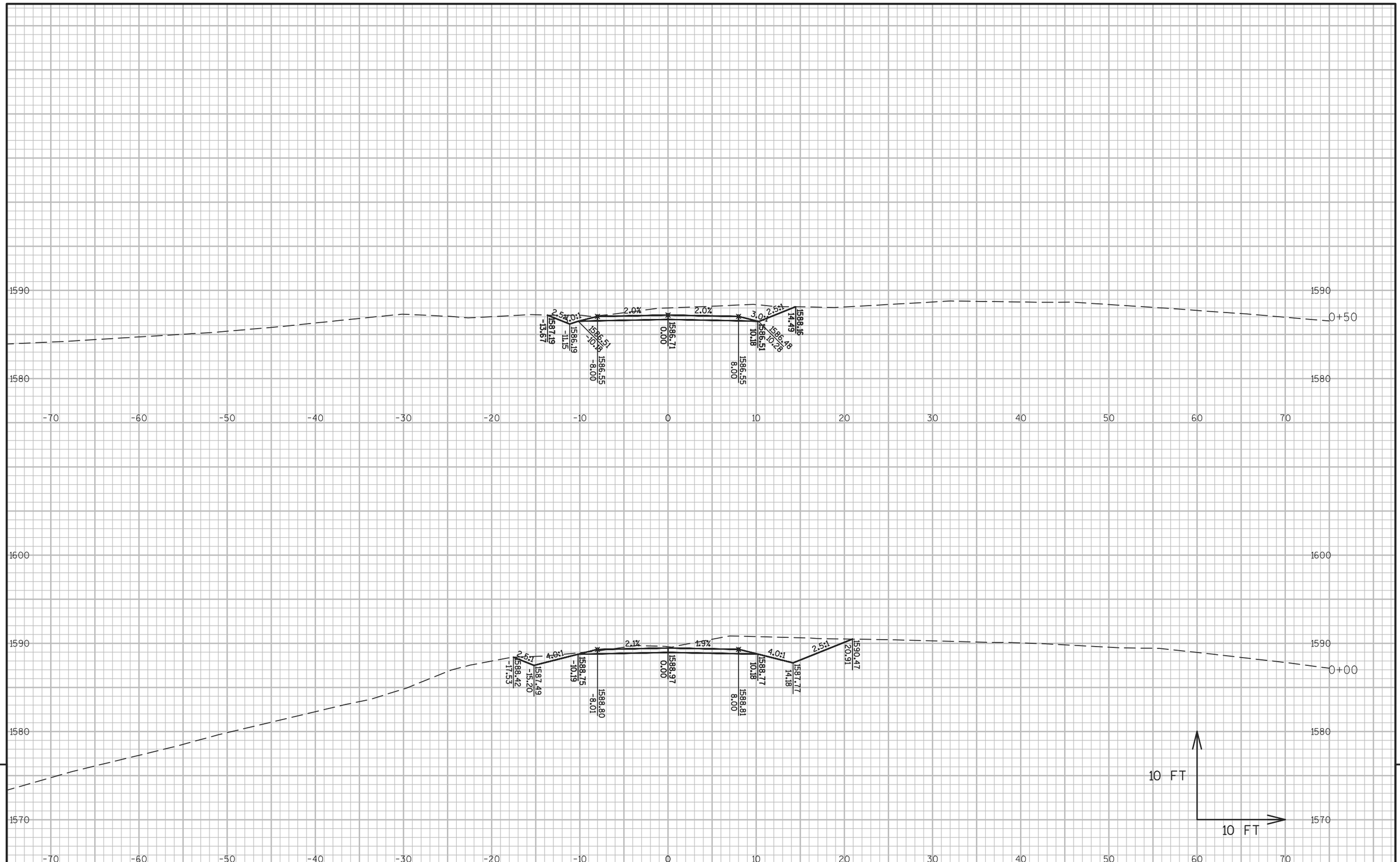


PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 962+55 LT P.E.	SHEET 795	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (52)

PLOT DATE : 10/20/2015 3:32 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



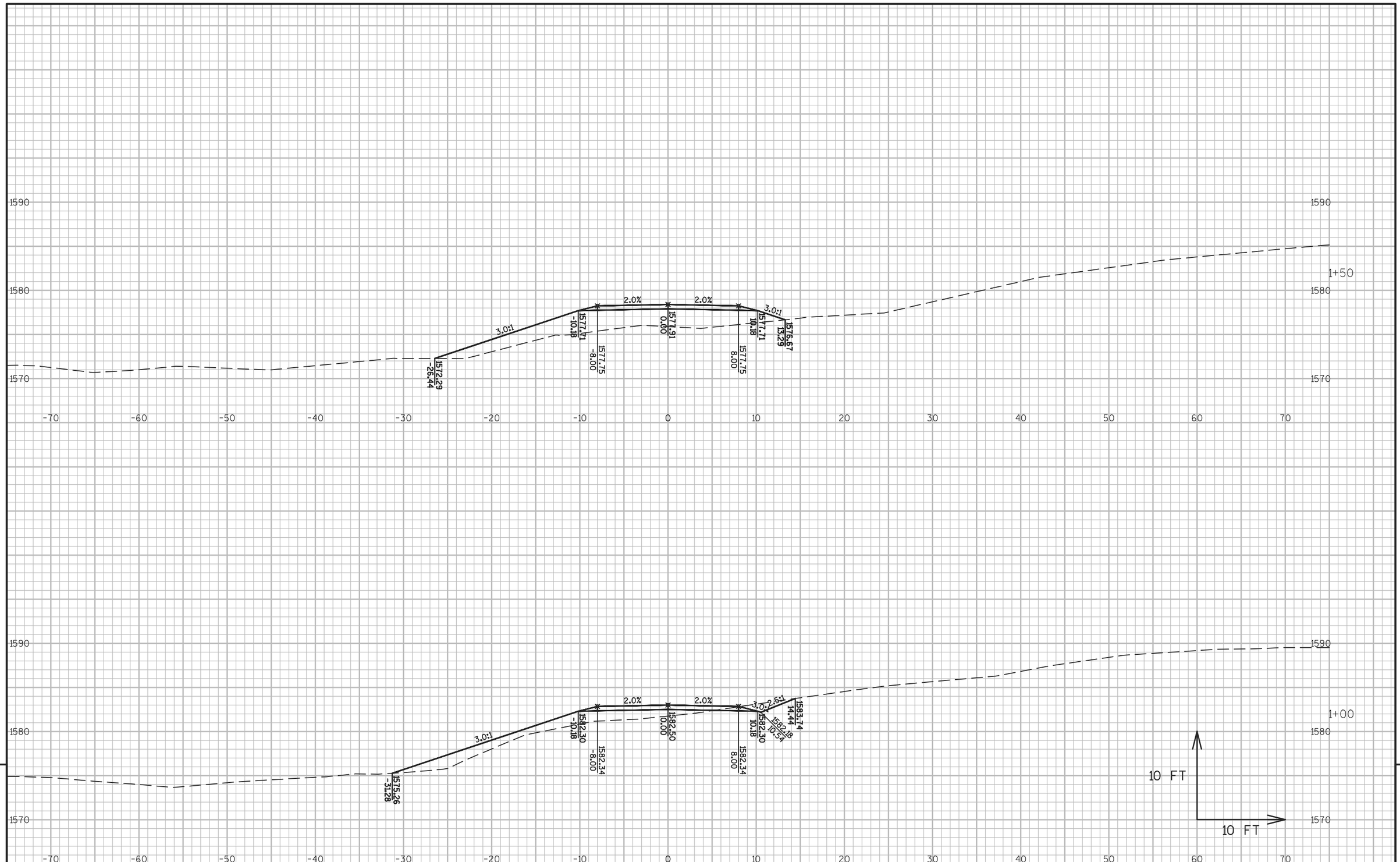
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1064+00 LT P.E. TEMPORARY	SHEET 796	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (53)

PLOT DATE : 10/20/2015 3:32 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



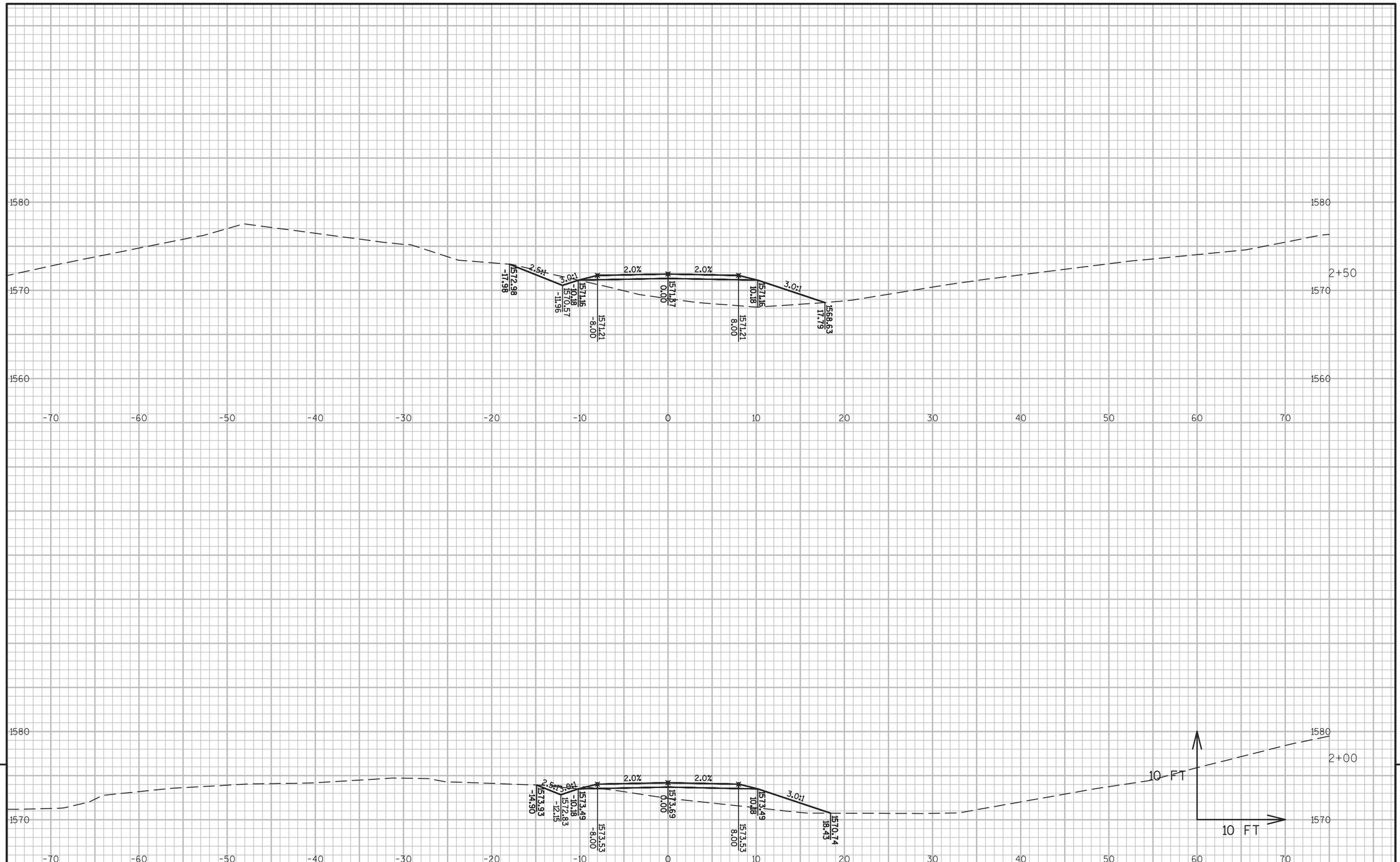
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1064+00 LT P.E. TEMPORARY	SHEET 797	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (54)

PLOT DATE : 10/20/2015 3:32 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

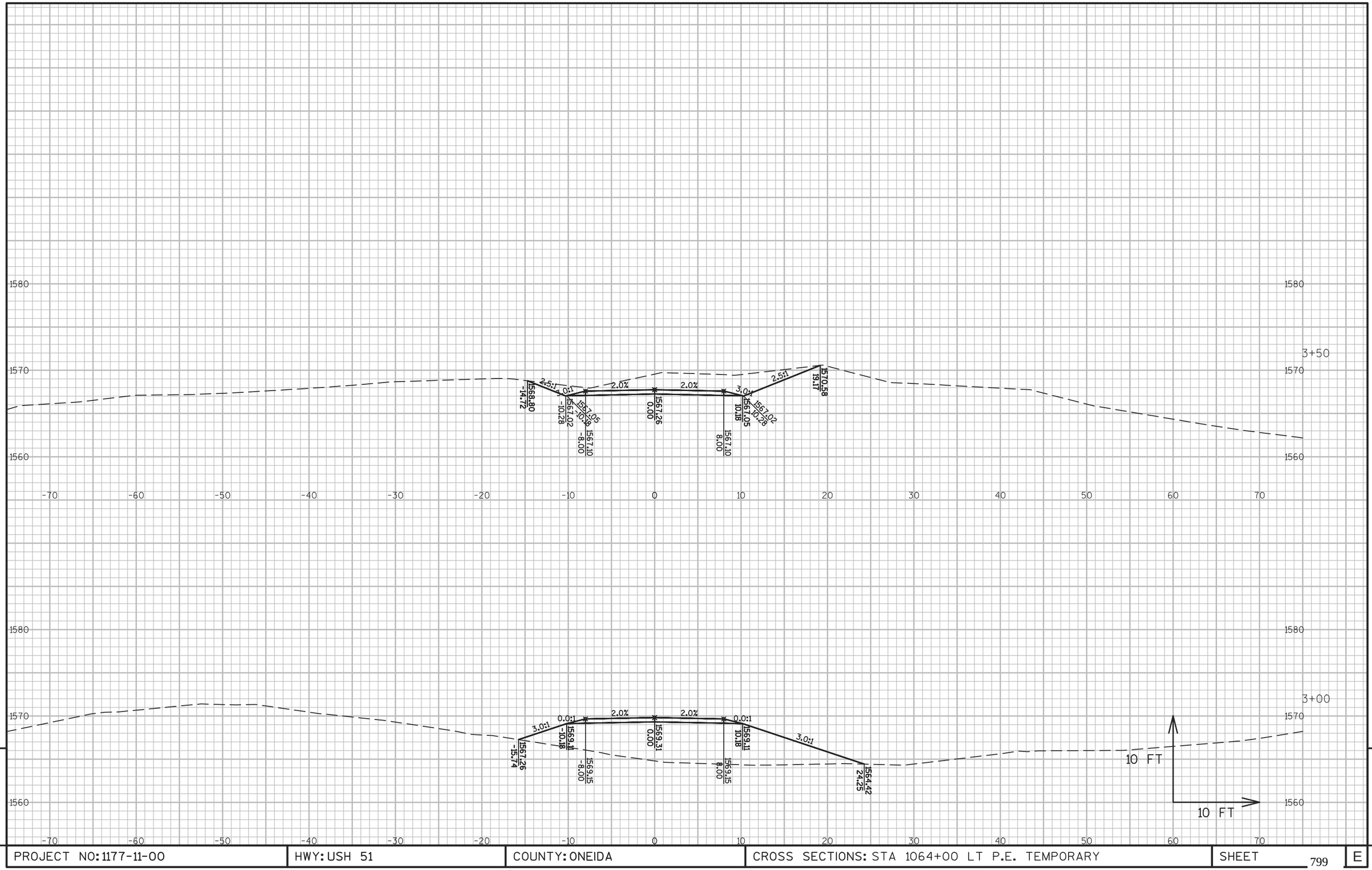


9 9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1064+00 LT P.E. TEMPORARY	SHEET 798	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (55)

PLOT DATE : 10/20/2015 3:32 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



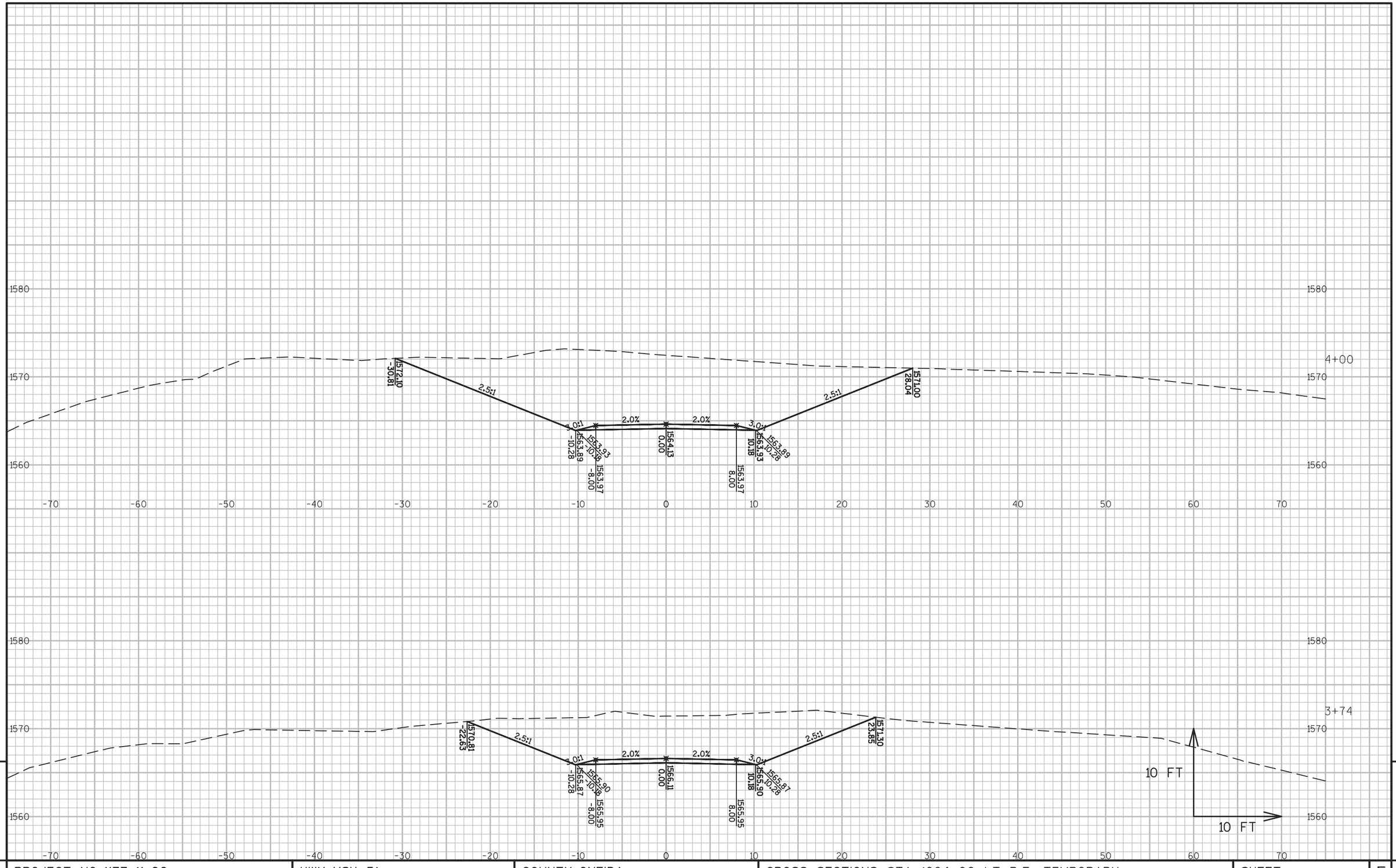
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1064+00 LT P.E. TEMPORARY	SHEET 799	E

9

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (56)

PLOT DATE : 10/20/2015 3:32 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



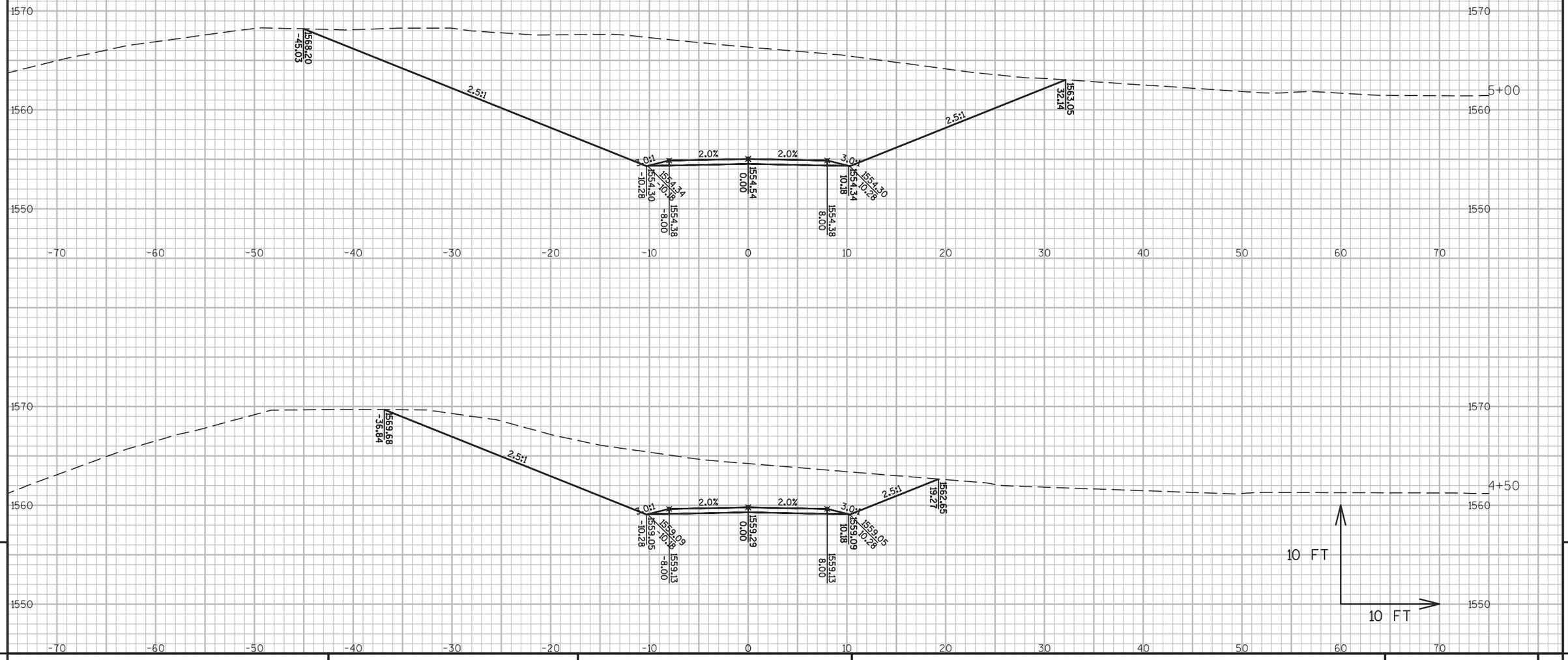
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1064+00 LT P.E. TEMPORARY	SHEET 800	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (57)

PLOT DATE : 10/20/2015 3:33 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

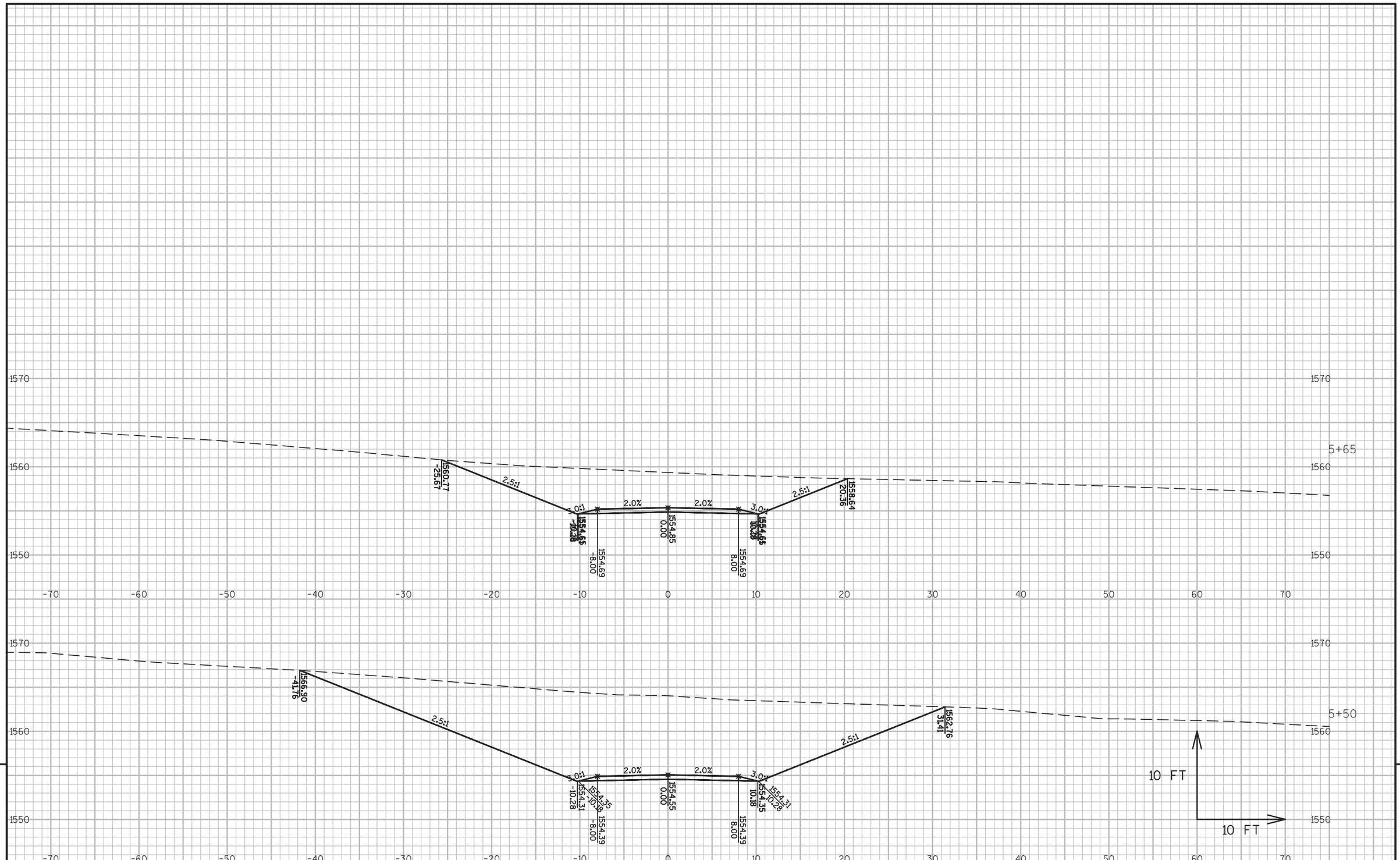
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1064+00 LT P.E. TEMPORARY	SHEET 801	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (58)

PLOT DATE : 10/20/2015 3:33 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



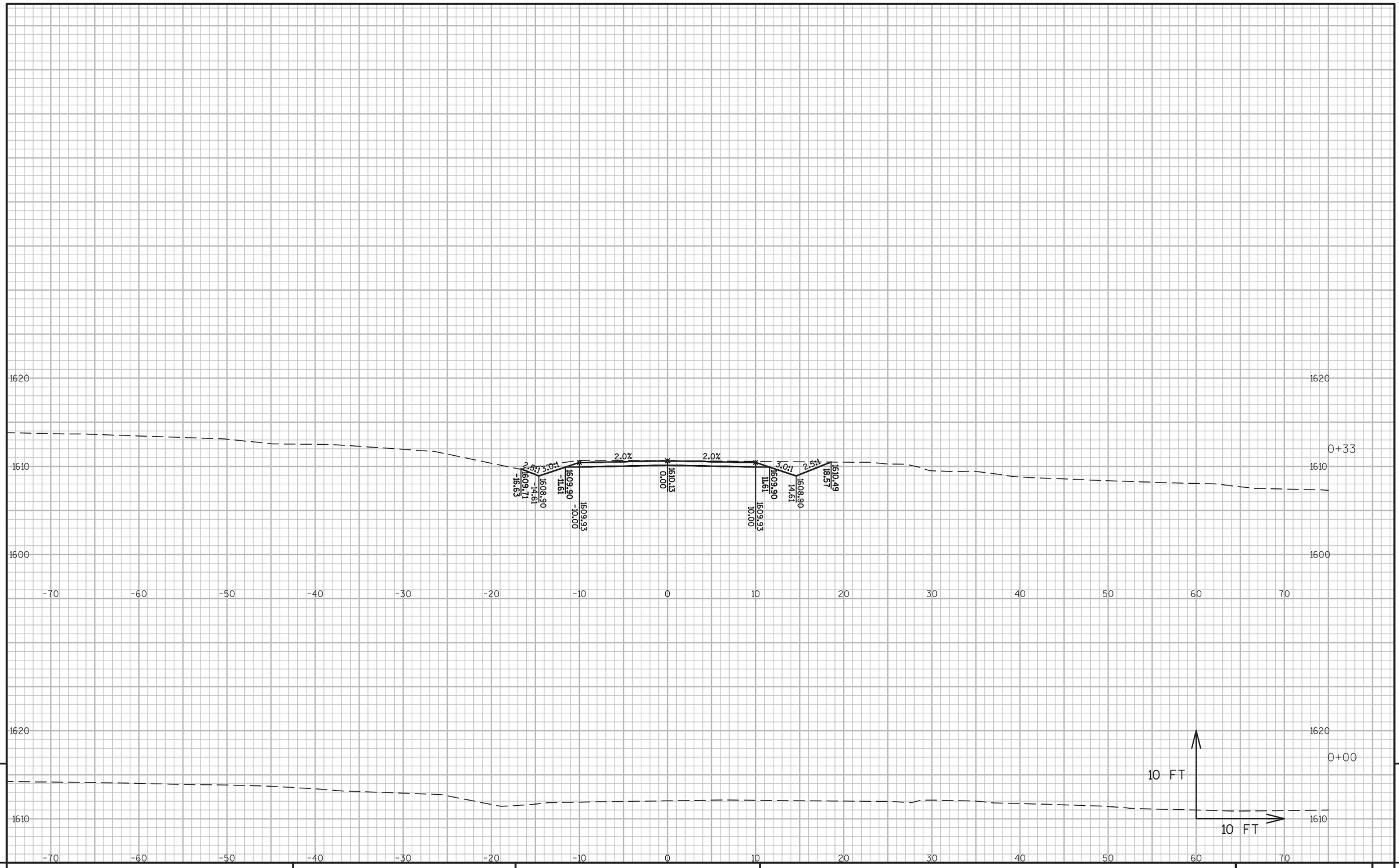
9

9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1064+00 LT P.E. TEMPORARY	SHEET 802	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (59)

PLOT DATE : 10/20/2015 3:33 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

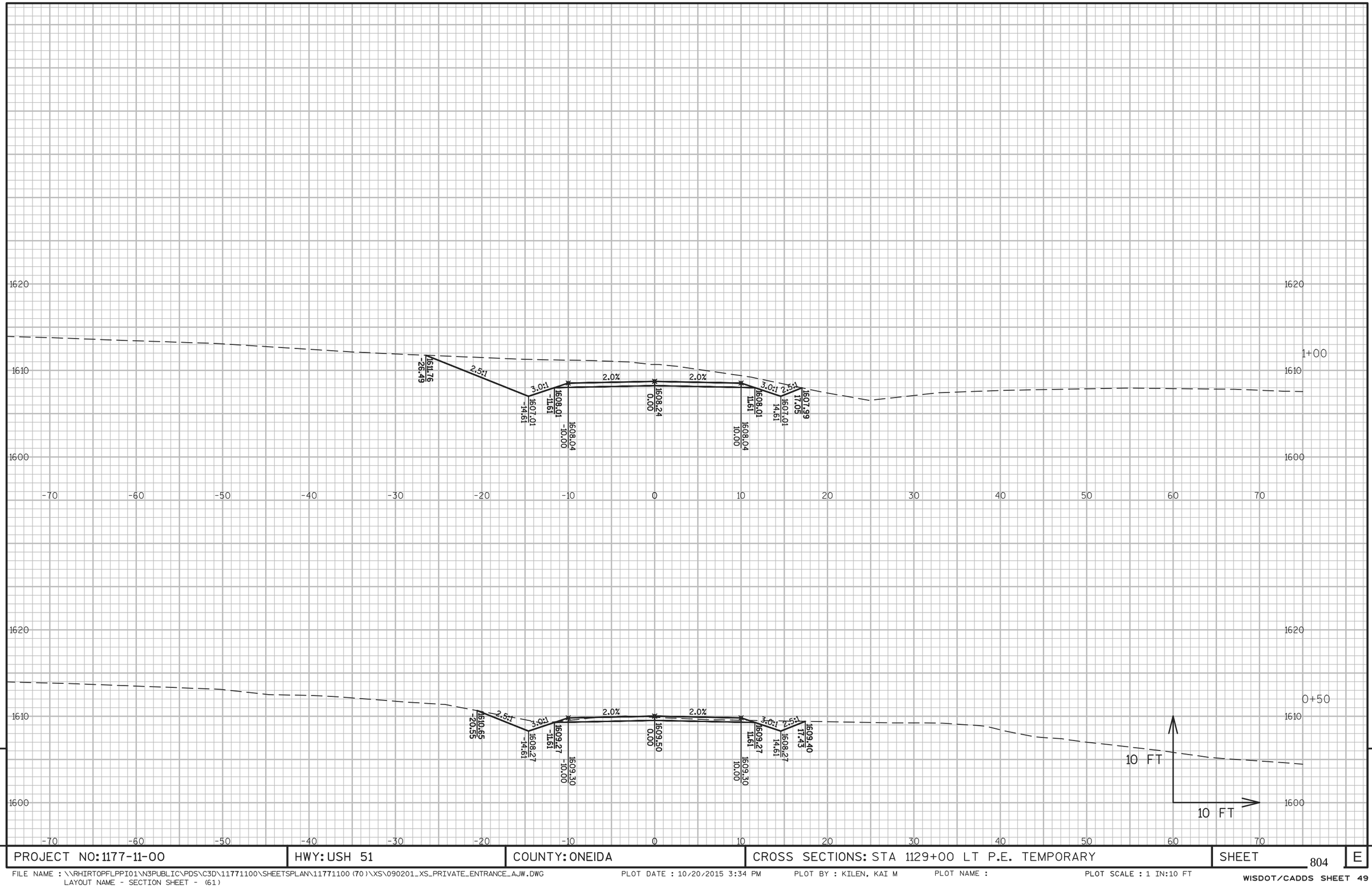


PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1129+00 LT P.E. TEMPORARY	SHEET 803	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (60)

PLOT DATE : 10/20/2015 3:33 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

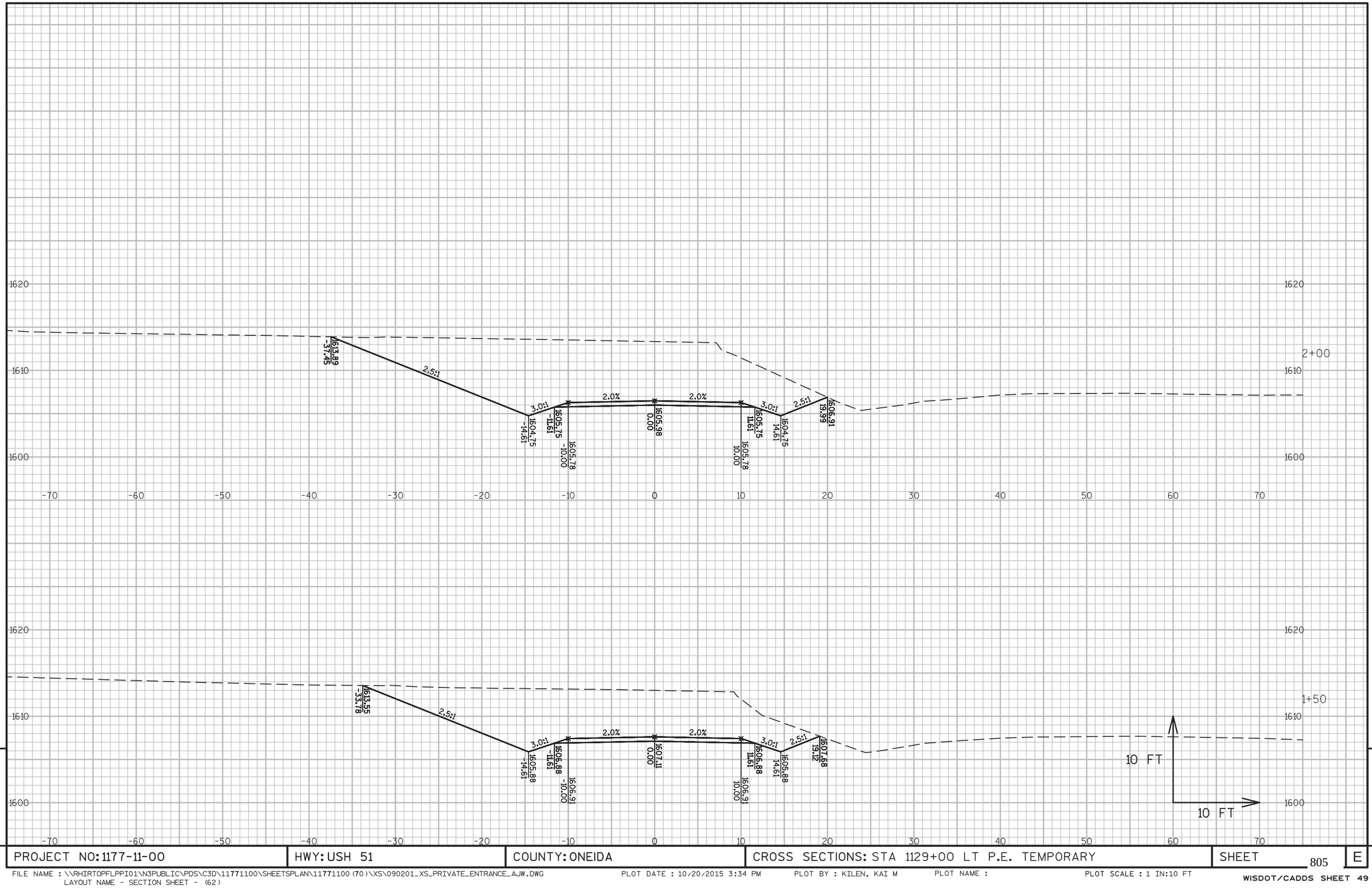
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1129+00 LT P.E. TEMPORARY	SHEET 804	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100 (70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (61)

PLOT DATE : 10/20/2015 3:34 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

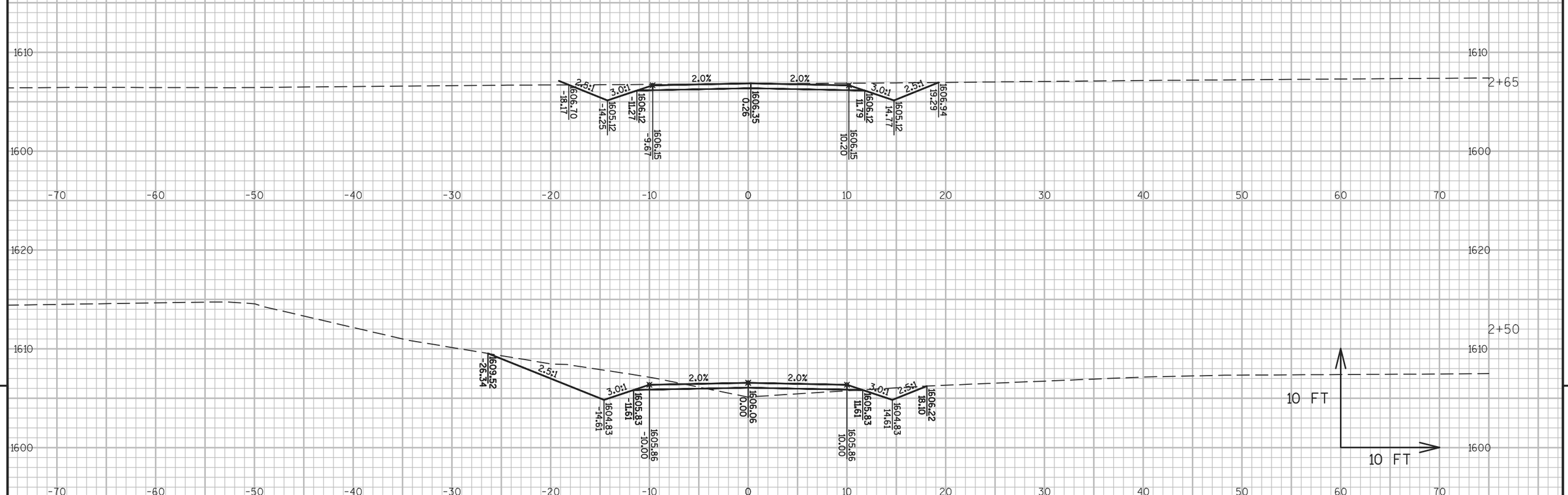


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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1129+00 LT P.E. TEMPORARY	SHEET 805	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (62)
PLOT DATE : 10/20/2015 3:34 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49



9

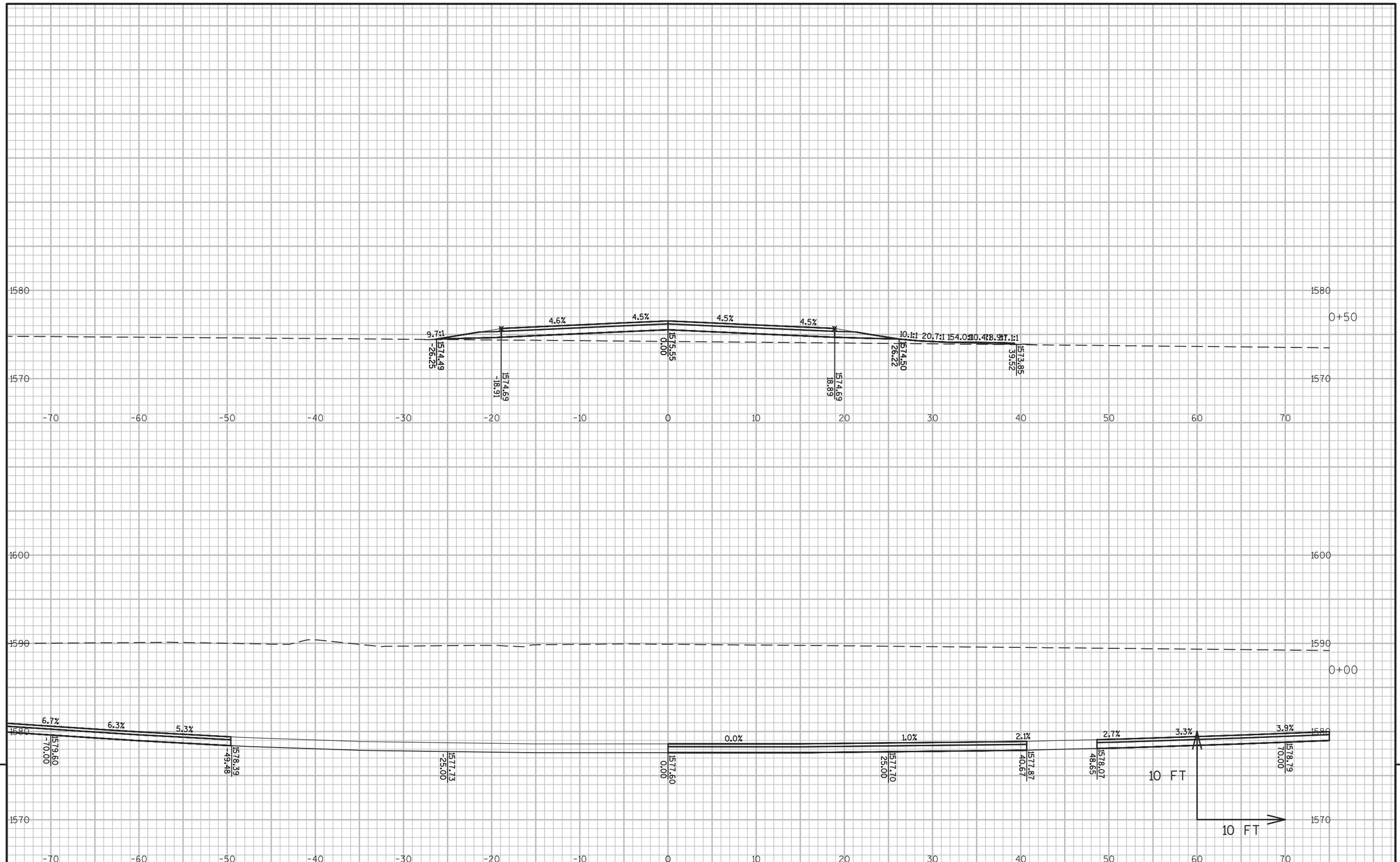
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1129+00 LT P.E. TEMPORARY	SHEET 806	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100 (70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (63)

PLOT DATE : 10/20/2015 3:34 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



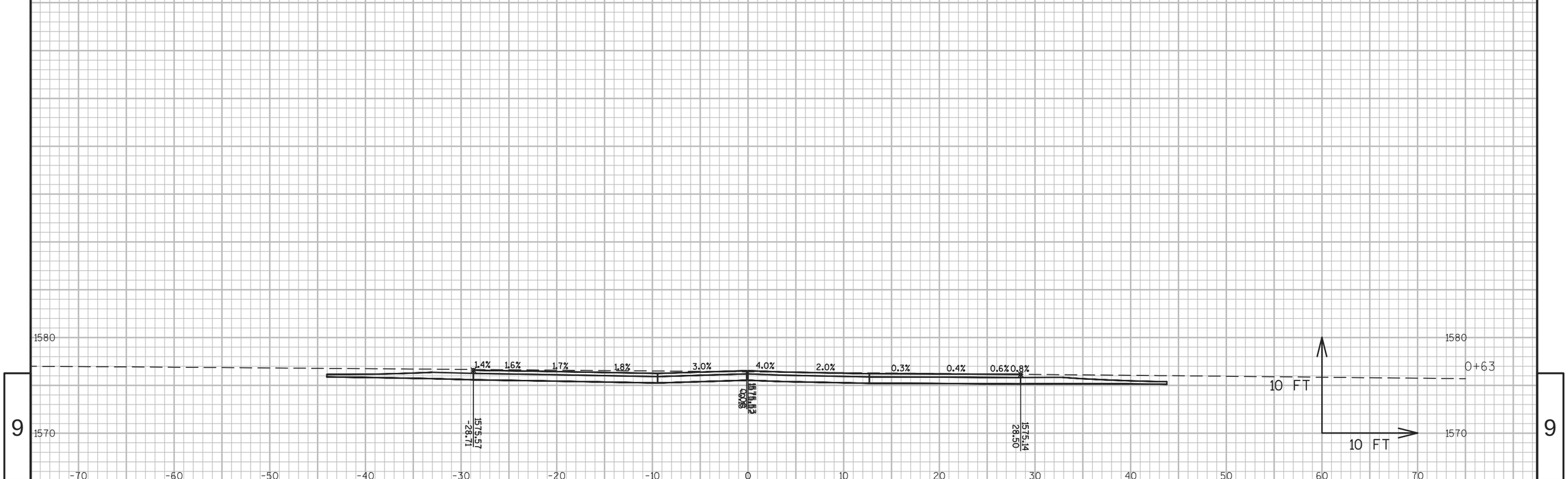
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1037+50 LT C.E. "A"	SHEET 807	E

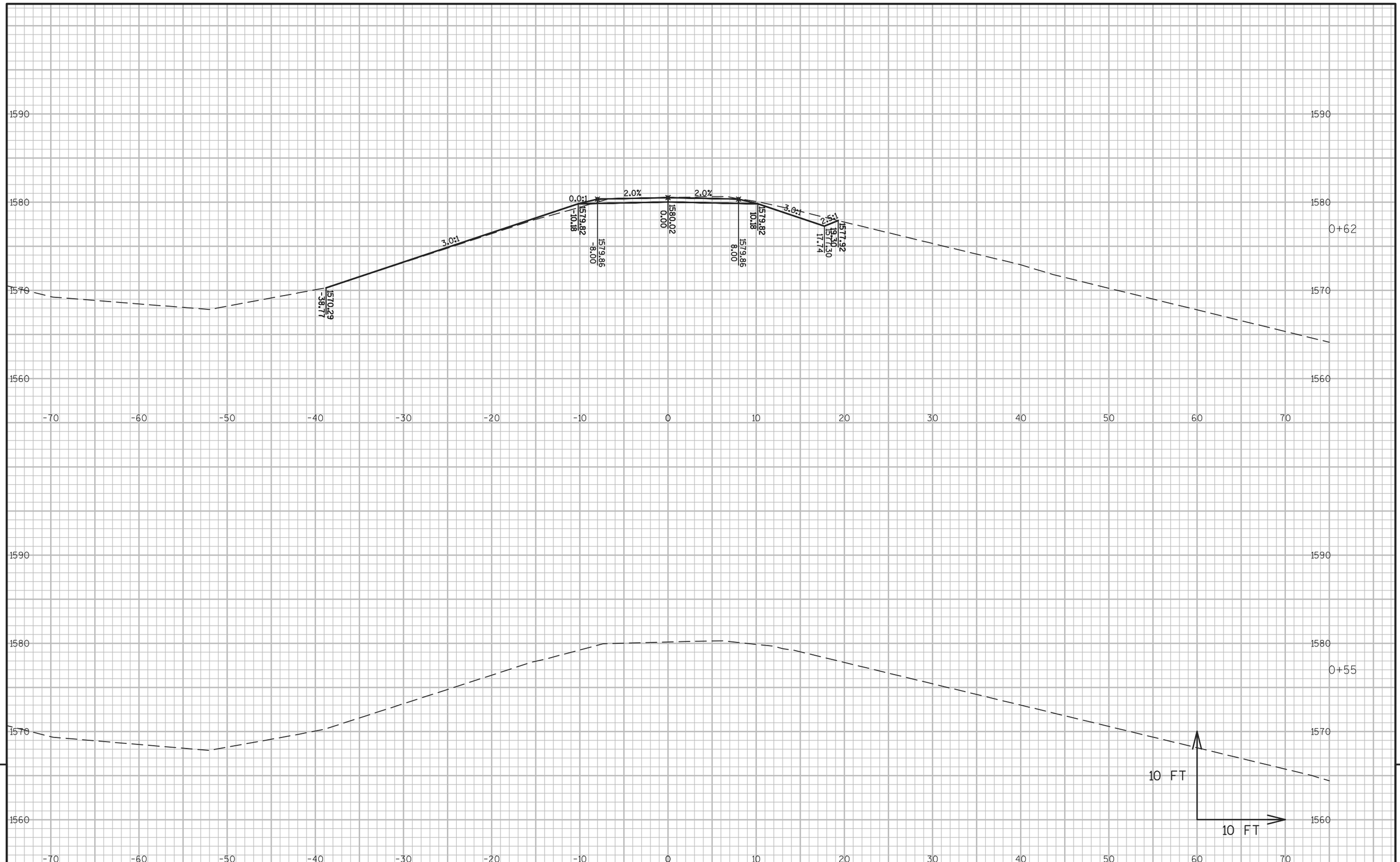
FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (64)

PLOT DATE : 10/20/2015 3:34 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1037+50 LT C.E. "A"	SHEET 808	E



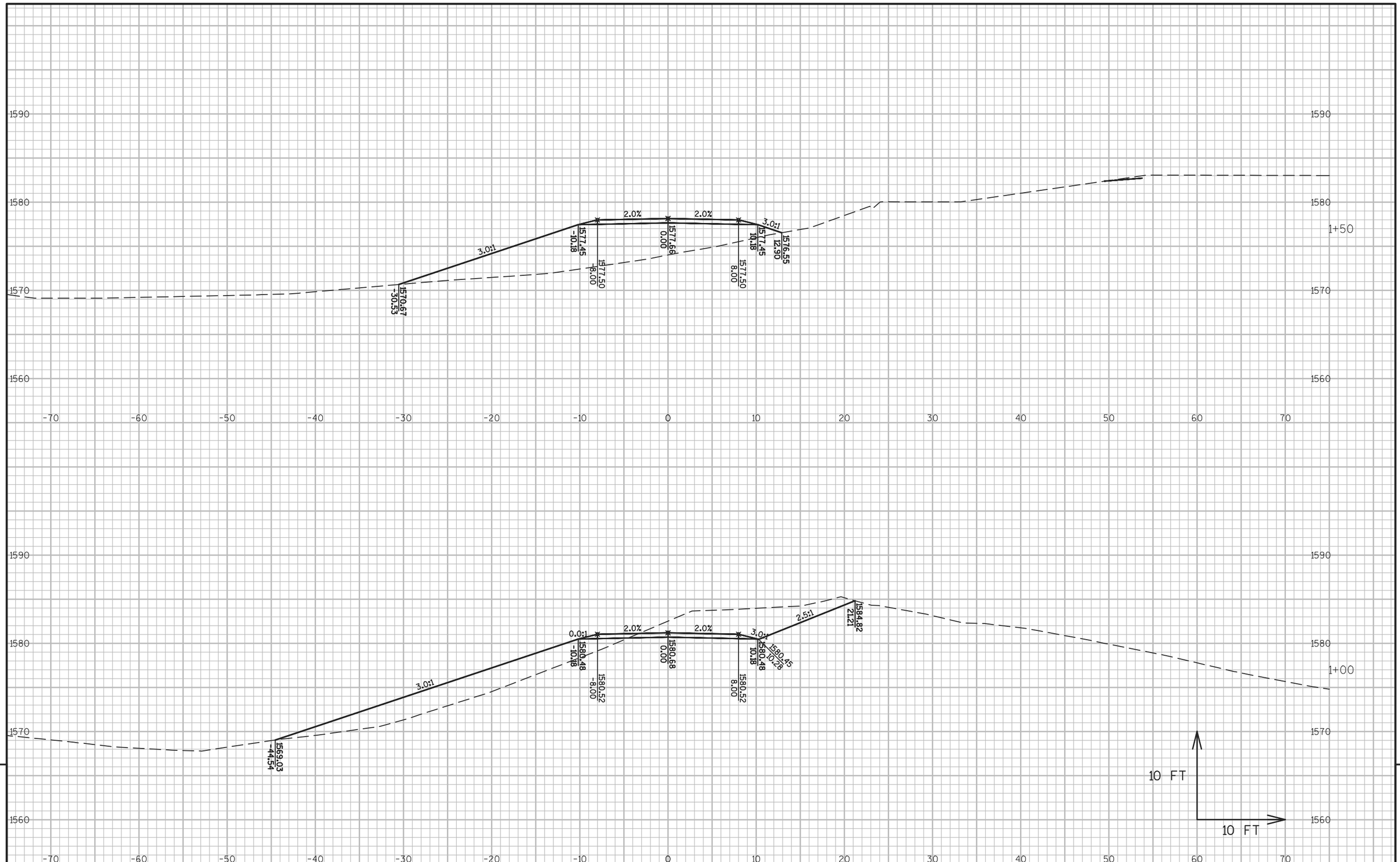
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9

PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1040+50 LT TEMPORARY C.E.	SHEET 809	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (66)

PLOT DATE : 10/20/2015 3:35 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT



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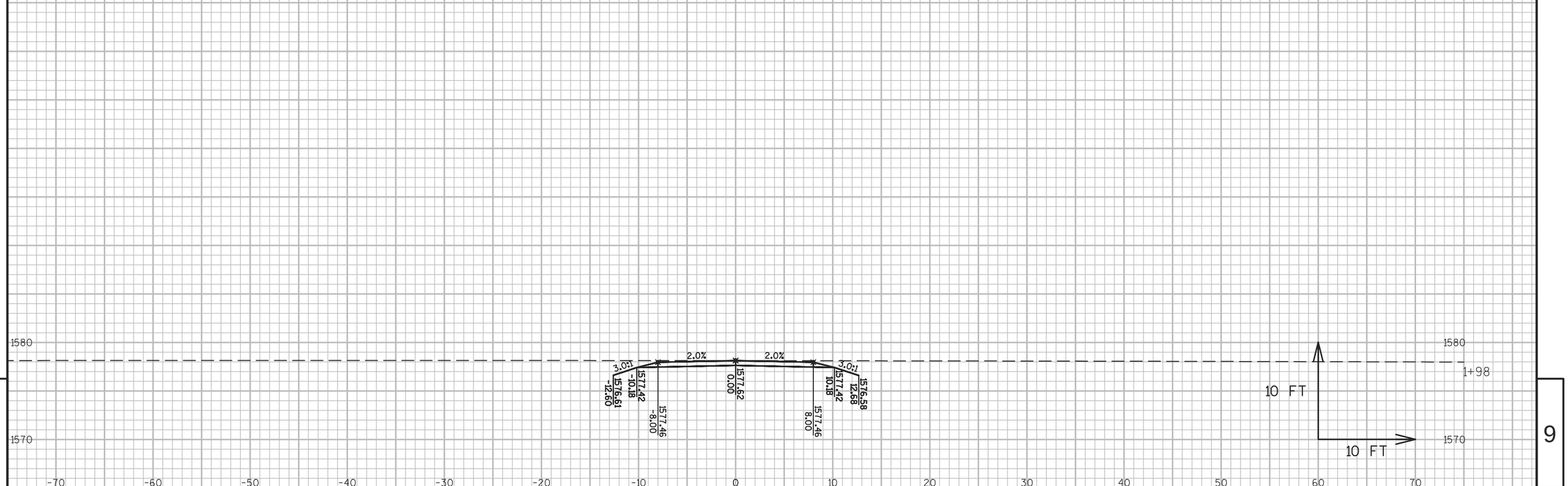
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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1040+50 LT TEMPORARY C.E.	SHEET 810	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (67)

PLOT DATE : 10/20/2015 3:35 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



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PROJECT NO: 1177-11-00	HWY: USH 51	COUNTY: ONEIDA	CROSS SECTIONS: STA 1040+50 LT TEMPORARY C.E.	SHEET 811	E

FILE NAME : \\RHIRTOPFLPPI01\N3PUBLIC\PDS\C3D\11771100\SHEETSPLAN\11771100(70)\XS\090201_XS_PRIVATE_ENTRANCE_AJW.DWG
LAYOUT NAME - SECTION SHEET - (68)

PLOT DATE : 10/20/2015 3:35 PM PLOT BY : KILEN, KAI M PLOT NAME : PLOT SCALE : 1 IN:10 FT

Wisconsin Department of Transportation

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