GRE

MAR 2015

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 = 692

PROJECT ID: 1440-13-71 & 74

WITH: N/A

COUNTY: SHEBOYGAN

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1440-13-71		
1440-13-74		

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

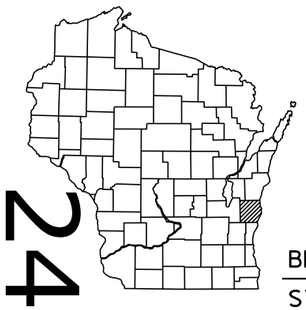
FOND DU LAC - PLYMOUTH

WCL - CTH P

STH 23

SHEBOYGAN COUNTY

STATE PROJECT NUMBER	STATE PROJECT NUMBER
1440-13-71	1440-13-74



24

PROJECT 1440-13-74

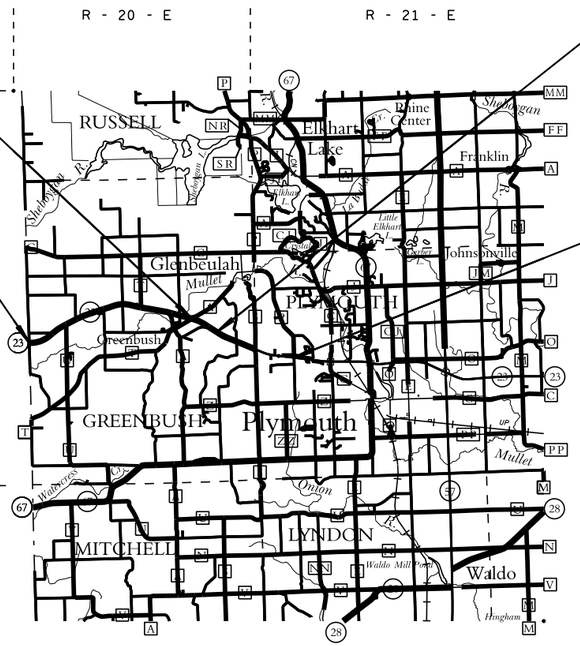
STRUCTURE B-59-0099

BEGIN PROJECT 1440-13-71

STA 745+60.12 WB

Y = 184748.00

X = 100687.89



PROJECT 1440-13-74

STRUCTURE B-59-0316

END PROJECT 1440-13-71

STA 1137+51.15 WB

N

DESIGN DESIGNATION

A.A.D.T.	2015	=	10400
A.A.D.T.	2035	=	12700
D.H.V.	2035	=	1562
D.D.		=	58/42
T.		=	11.2%
DESIGN SPEED		=	70 MPH
ESALS		=	5380100

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
- 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

LAYOUT SCALE 0 2 MI.

1440-13-71 TOTAL NET LENGTH OF CENTERLINE = 7.423 MI.

1440-13-74 TOTAL NET LENGTH OF CENTERLINE = 0.009 MI.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), NAD 83 (1991) SHEBOYGAN COUNTY.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	
Designer	E A DANKE
Project Manager	P W BRAUER
Regional Examiner	
Regional Supervisor	R J WAGNER
C.O. Examiner	

APPROVED FOR THE DEPARTMENT

DATE: 9-3-2014 Paul Brauer (Signature)

E

FILE NAME : N:\pds\projects\Sheboygan\1440-13-01\Plan Sheets\1440-13-71_DATE Page NOV 02 2014 09:56

PLOT BY : dotmvm PLOT NAME : 010101_ti.i ORG DATE : 09-13-10 Originator : NE Region PLOT SCALE : 21120:1

WISDOT/CADDS SHEET 10

GENERAL NOTES

*ALL J-TURNS AND ASSOCIATED GORE AREAS WILL BE CONSTRUCTED WITH 5" OF HMA, TYPE E-1 OVER 10" OF 1-¼" OF BASE AGGREGATE DENSE.

*BOTH RIGHT AND LEFT TURN LANES FOR SIDE ROADS/CROSSOVERS WILL BE CONSTRUCTED TO MATCH THE ADJACENT MAINLINE PAVEMENT STRUCTURE. CONCRETE LANES WILL BE 9" OF CONCRETE OVER 6" OF 1-¼" OF BASE AGGREGATE DENSE. ASPHALT LEFT TURN LANES AND CROSSOVERS WILL BE 5" OF HMA, TYPE E-10 OVER 10" OF 1-¼" BASE AGGREGATE DENSE. ASPHALT RIGHT TURN LANES WILL BE 6.25" OF HMA, TYPE E-10 OVER 15" OF 1-1*4" BASE AGGREGATE DENSE.

EROSION CONTROL ITEMS SHOWN ARE SUGGESTED LOCATIONS, THE EXACT LOCATIONS ARE TO BE DETERWINED IN THE FIELD BY THE ENGINEER.

WEEPING SLOPES LOCATIONS SHOWN IN EROSION CONTROL PLAN, WAY NOT INCLUDE ALL DISCOVERED THROUGHOUT THE CONSTRUCTION PROJECT, ADDITIONAL LOCATIONS ARE AT THE DISCRETION OF THE ENGINEER IN THE FIELD.

TOPSOIL, SEED, FERTILIZER, AND MULCH SHALL BE PLACED ON ALL EXPOSED DISTURBED AREAS THROUGH OUT THE PROJECT EXCEPT THE FUTURE ROADBED.

APPLY SOIL STABILIZER TYPE B TO FUTURE ROADBED, BETWEEEN SUBGRADE SHOULDER POINTS.

HMA PAVEMENT QUANTITIES WERE CALCULATED USING 110 LB/SY-INCH.

THE LOCATIONS OF EXISTING UTILITY FACILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE WAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

*DONE BY OTHERS

UTILITIES

ANR PIPELINE COMPANY
STEVE WHITTY
W8715 TOWER DRIVE
ADELL, WI 53001
PHONE: 262-626-3441
MOBLIE: 920-375-0475
EMAIL: steven_whitty@transcanada.com

FRONTIER
RYAN OSNESS
118 DIVISION STREET
PLYMOUTH, WI 53073
PHONE: 920-893-7455
MOBILE: 920-246-3530
EMAIL: ryan.d.osness@ftr.com

NORTHERN MORAINE UTILITY COMMISSION
SCOTT RANDALL
N7025 CTH P
P.O. BOX 217
GLENBEULAH, WI 53023
PHONE: 920-526-3808
EMAIL: nmuc@frontier.com

PLYMOUTH UTILITIES
JIM PETERSON
900 CTH PP
P.O. BOX 277
PLYMOUTH, WI 53073
PHONE: 920-893-1471
MOBILE: 920-946-1953
EMAIL: jpeterson@plymouthutilities.com

TIME WARNER CABLE
VINCE ALBIN
3545 PLANK ROAD
APPLETON, WI 54915
PHONE: 920-831-9249
MOBILE: 920-378-0444
EMAIL: vince.albin@twcable.com

WE ENERGIES
GREGORY BOERNER
700 SUNSET ROAD
PORT WASHINGTON, WI 53074
PHONE: 262-268-3654
MOBILE: 414-940-8438
EMAIL: Greg.Boerner@we-energies.com

WEST SHORE PIPELINE COMPANY
CASEY SCHWANDT
2119 NORTH QUINCY STREET
GREEN BAY, WI 54302
PHONE: 920-451-3732
MOBILE: 920-655-1428
EMAIL: CSchwandt@buckeye.com

WISCONSIN PUBLIC SERVICE
MIKE LOWTHER
933 S. WILDWOOD AVENUE
SHEBOYGAN, WI 53081
PHONE: 920-451-3743
MOBILE: 920-946-3198
EMAIL: mllowther@wisconsinpublicservice.com

COUNTY SURVEYOR OR SURVEYS CONTACT PERSON

CONTACT: ED HARVEY- SHEBOYGAN COUNTY
SHEBOYGAN COUNTY HIGHWAY DEPT
1211 NORTH 23RD STREET
SHEBOYGAN, WI 53081
920-459-3826
Fax 920-459-4317
harveelh@co.sheboygan.wi.us

DNR AREA LIAISON

JAY SCHIEFELBEIN
DEPARTMENT OF NATURAL RESOURCES
2984 SHAWANO AVENUE
GREEN BAY, WI 54313
920-662-5130
JEREMIAH.SCHIEFELBEIN@WISCONSIN.GOV

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

EMERGENCY CONTACT NUMBERS FOR WISCONSIN POWER AND LIGHT COMPANY

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-862-6261
GAS 24 HOUR EMERGENCY SERVICE: 1-800-862-6263

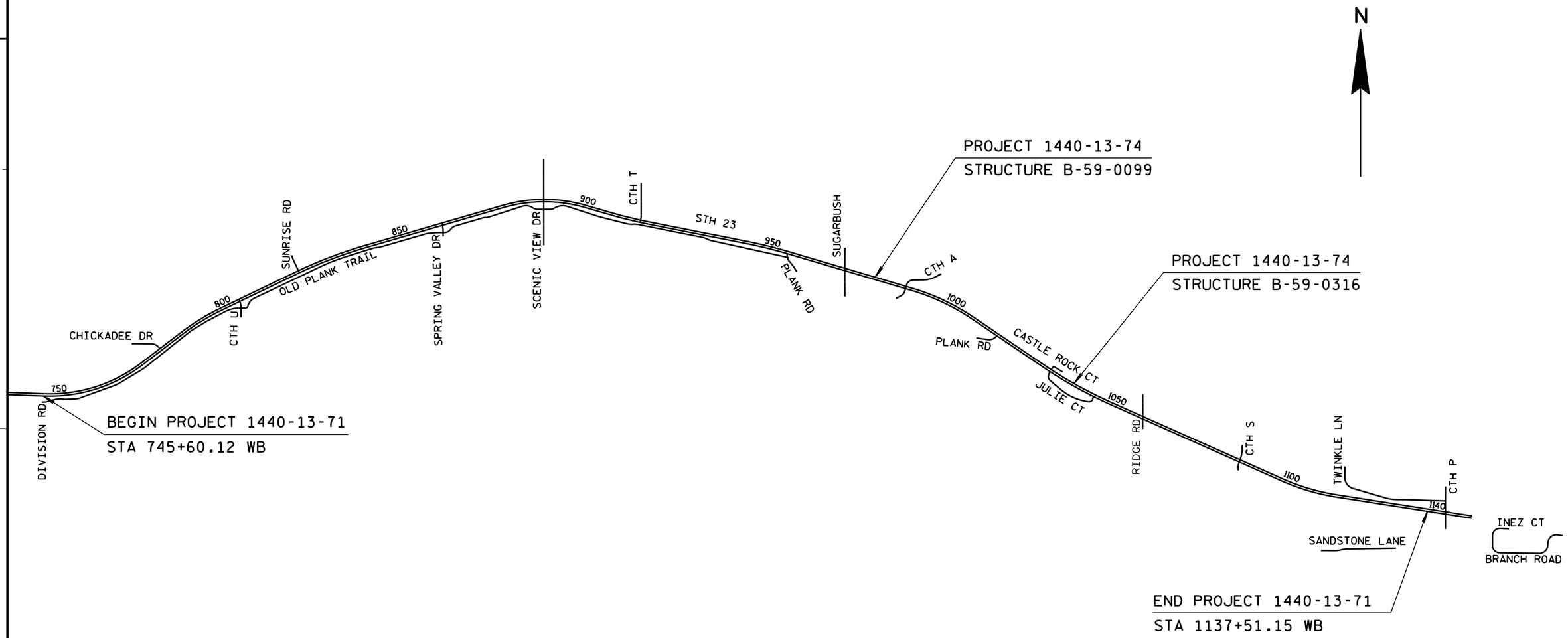
EMERGENCY CONTACT NUMBERS FOR WISCONSIN PUBLIC SERVICE

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-450-7240
GAS 24 HOUR EMERGENCY SERVICE: 1-800-450-7280

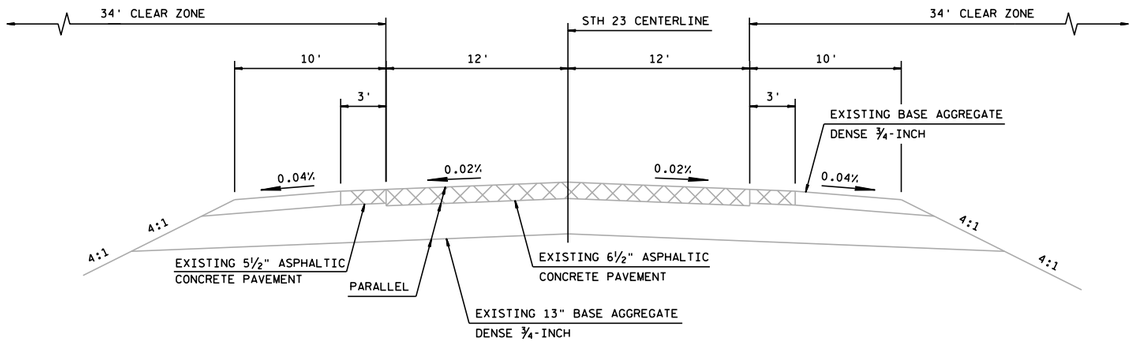
EMERGENCY CONTACT NUMBERS FOR WE ENERGIES

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-662-4797
GAS 24 HOUR EMERGENCY SERVICE: 1-800-261-5325

2

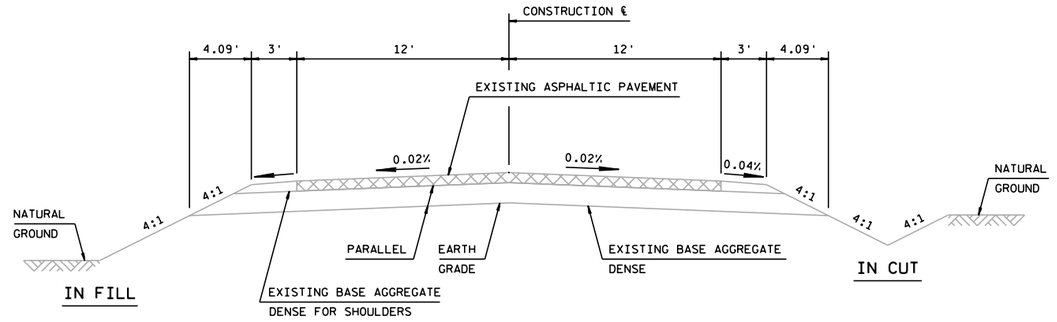


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PROJECT OVERVIEW	SHEET 3	E



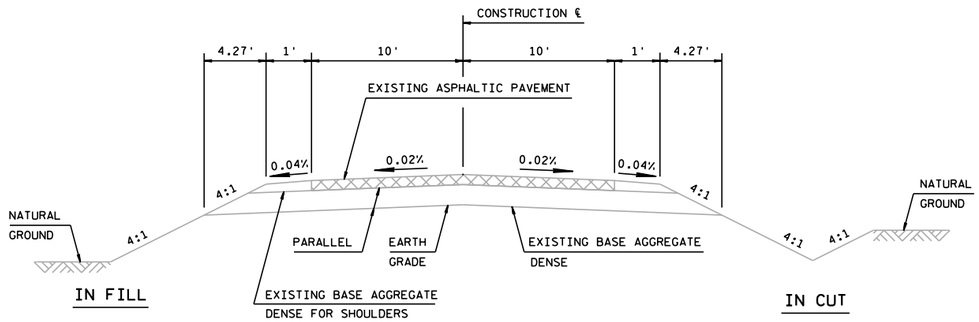
TYPICAL EXISTING CROSS SECTION FOR STH 23

SHEBOYGAN COUNTY



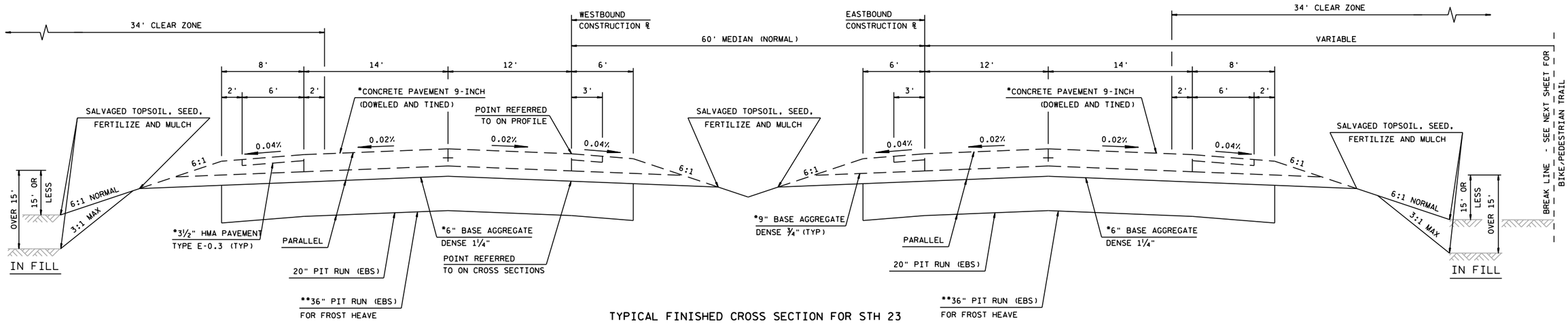
TYPICAL EXISTING CROSS SECTION

COUNTY TRUNK HIGHWAYS



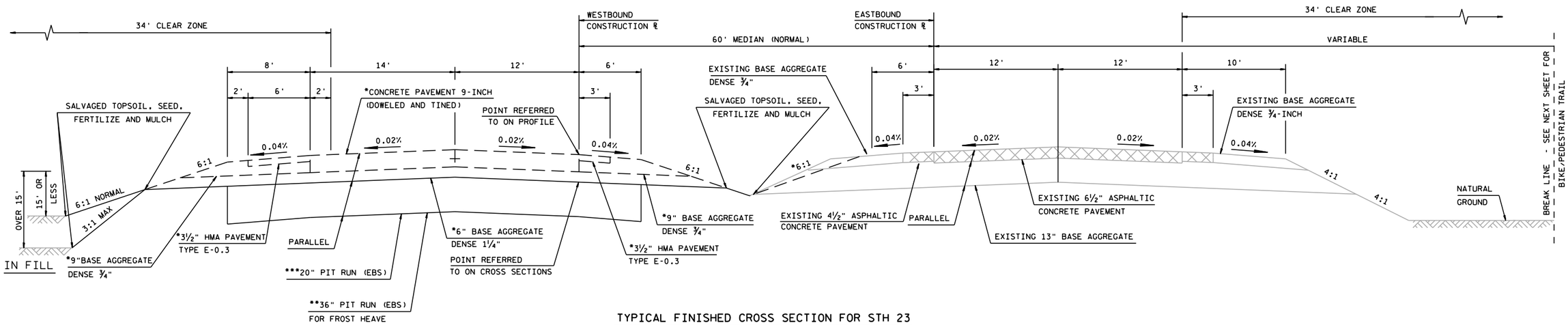
TYPICAL EXISTING CROSS SECTION

TOWN ROADS



TYPICAL FINISHED CROSS SECTION FOR STH 23

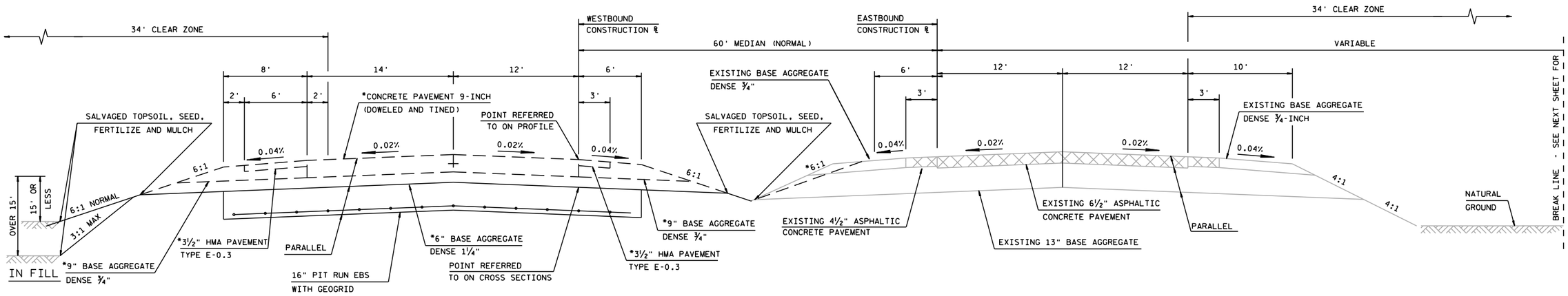
4-LANE CONSTRUCTION
745+60.12 - 777+67
*DONE BY OTHERS
**SEE FROST HEAVE DETAIL FOR LOCATIONS



TYPICAL FINISHED CROSS SECTION FOR STH 23

2-LANE CONSTRUCTION / 2-LANE REHABILITATION
777+67 - 1005+00
1009+00 - 1137+51.15
*DONE BY OTHERS
**SEE FROST HEAVE DETAIL FOR LOCATIONS
EBS SHOULD BE COMPLETED FOR THESE STATIONS
***777+67 - 870+00
***950+00 - 968+00

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	TYPICAL CROSS SECTIONS	SHEET 5	E

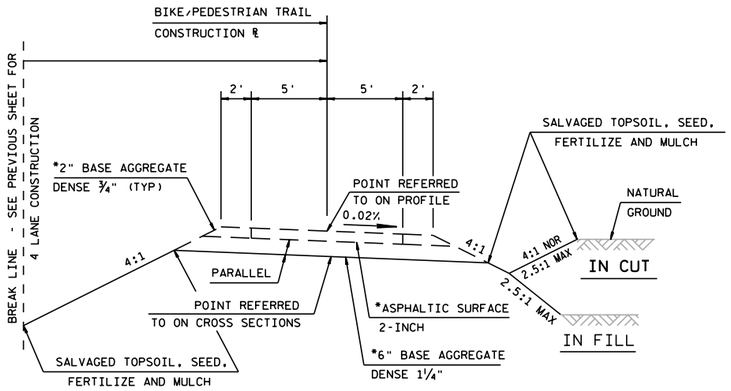


TYPICAL FINISHED CROSS SECTION FOR STH 23

2-LANE CONSTRUCTION / 2-LANE REHABILITATION
1005+00 - 1009+00

16" PIT RUN (EBS) WITH GEOGRID AND AS DIRECT BY THE ENGINEER

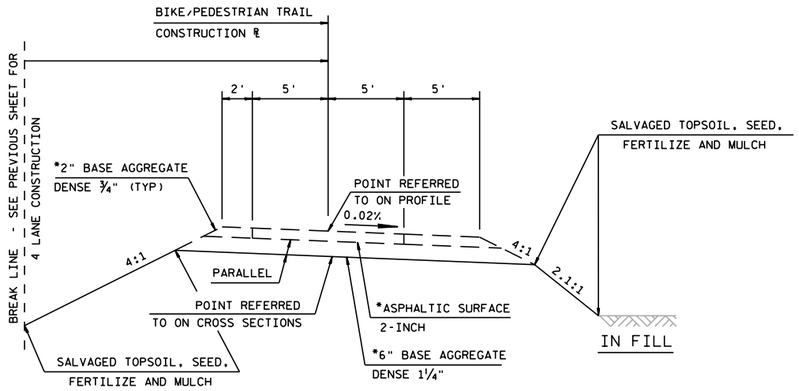
*DONE BY OTHERS



TYPICAL FINISHED CROSS SECTION FOR BIKE/PEDESTRIAN TRAIL

745+60.12 WB - 912+44 WB
933+33 WB - 955+12.70 WB

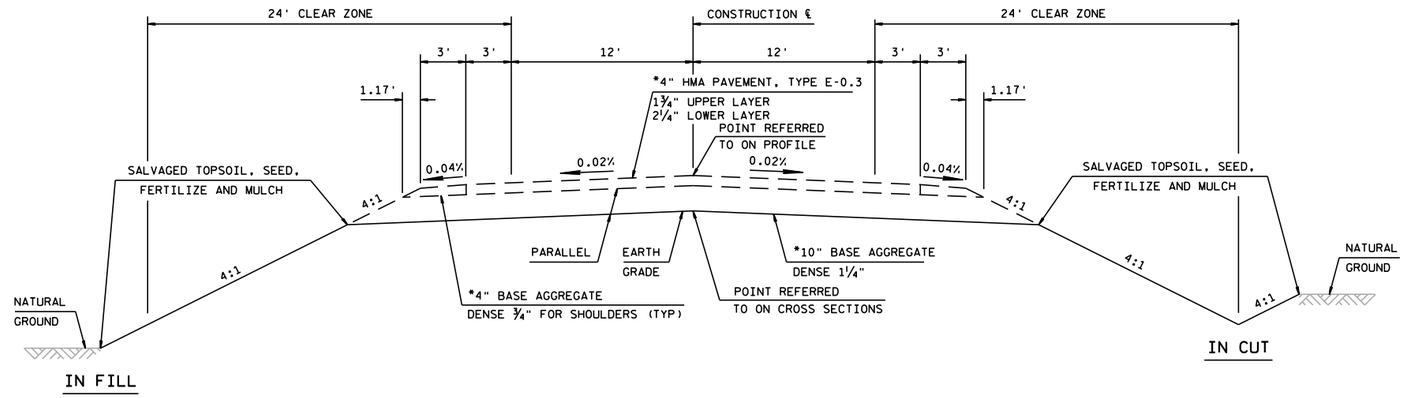
*DONE BY OTHERS



TYPICAL FINISHED CROSS SECTION FOR BIKE/PEDESTRIAN TRAIL

912+44 WB - 933+33 WB

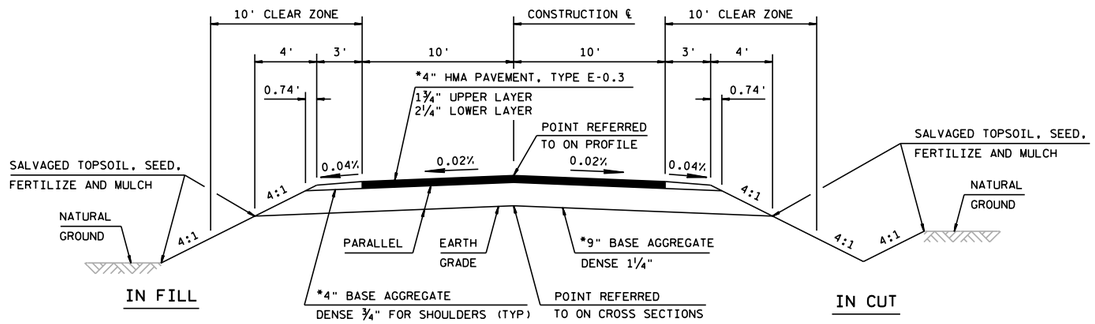
*DONE BY OTHERS



TYPICAL FINISHED CROSS SECTION FOR SIDE ROADS

CTH A

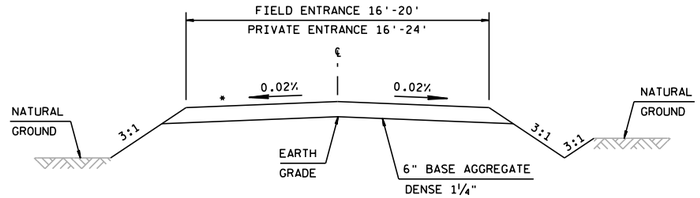
*DONE BY OTHERS



TYPICAL FINISHED CROSS SECTION FOR SIDE ROADS

*SUNRISE ROAD
RIDGE ROAD CUL DE SAC
TWINKLE LANE
BRANCH ROAD
INEZ COURT
SANDSTONE LANE

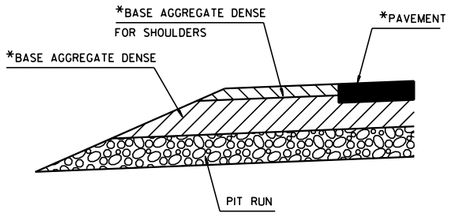
*DONE BY OTHERS



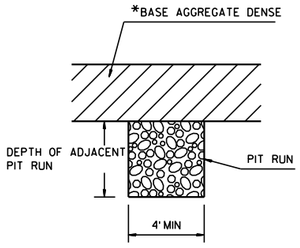
* REPLACE DRIVEWAY WITH EXISTING DRIVEWAY MATERIAL
IF ASPHALT, 2" ASPHALT SURFACE (ITEM *465.0105) OVER 6" BAD
IF CONCRETE, 6" CONCRETE PAVEMENT OVER 6" BAD

TYPICAL FINISHED CROSS SECTION FOR DRIVEWAYS

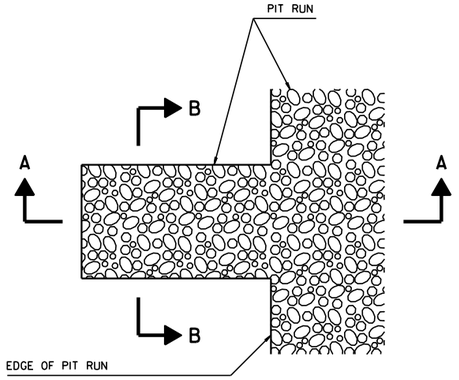
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	TYPICAL CROSS SECTIONS	SHEET 7	E



SECTION A-A



SECTION B-B



DETAIL FOR FRENCH DRAINS

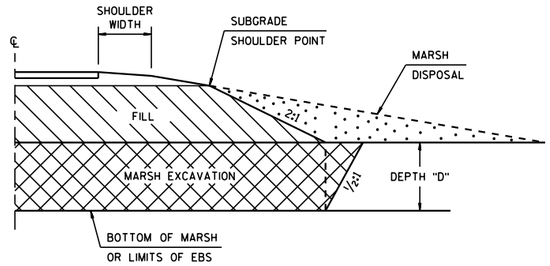
DRAINS ARE TO BE CONSTRUCTED IN SUBGRADE IMPROVEMENT/EBS AREAS AT LEAST EVERY 250' AND AT EACH SAG VERTICAL CURVE IN THE PROFILE.

LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

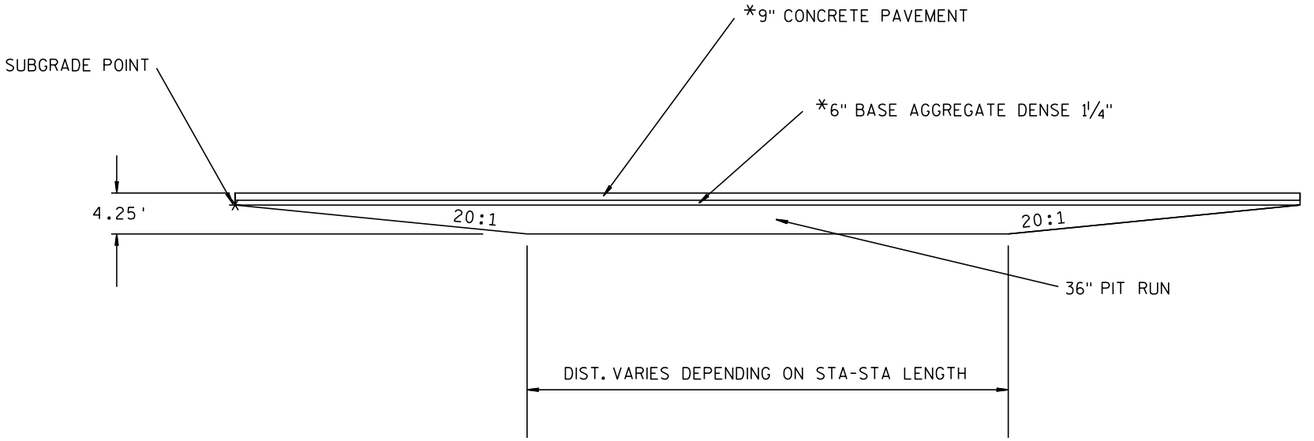
EXCAVATION REQUIRED TO CONSTRUCT FRENCH DRAINS SHALL BE CONSIDERED INCIDENTAL TO THE ITEM PIT RUN.

ENGINEER MAY REMOVE FRENCH DRAINS IF FILL MATERIAL IS WELL DRAINING.

* DONE BY OTHERS.



DETAIL FOR MARSH EXCAVATION

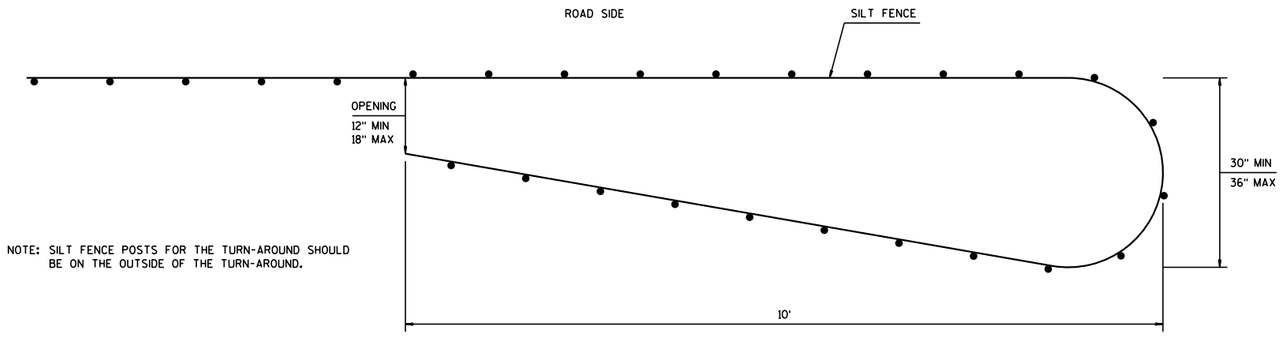


763+00 - 768+00	909+50 - 912+00	1024+00 - 1030+50
837+00 - 841+00	941+50 - 943+50	1040+50 - 1051+00
868+00 - 870+00	967+00 - 970+00	1067+00 - 1069+50
878+00 - 882+00	989+00 - 991+00	1074+50 - 1083+00
885+50 - 893+00	993+00 - 999+50	1132+00 - 1133+00
905+50 - 907+50	1016+50 - 1018+50	1136+00 - 1137+00

FROST HEAVE SIDE VIEW DETAIL

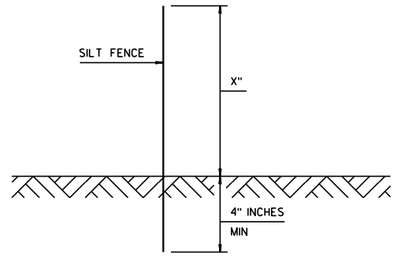
*DONE BY OTHERS

2

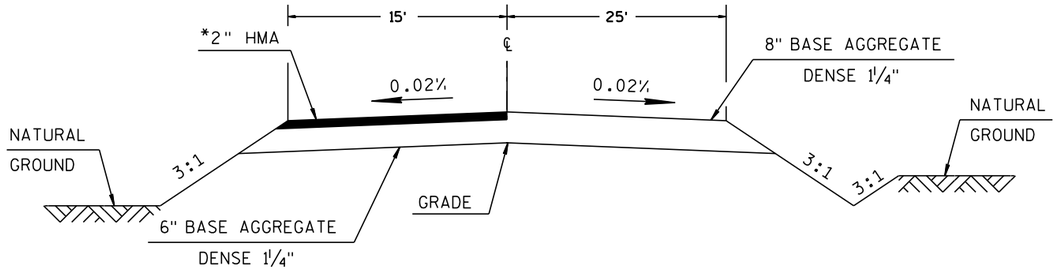


NOTE: SILT FENCE POSTS FOR THE TURN-AROUND SHOULD BE ON THE OUTSIDE OF THE TURN-AROUND.

PLAN VIEW

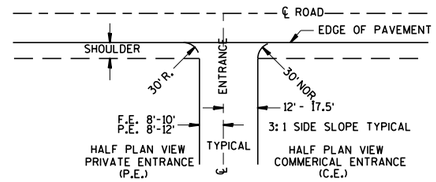


SILT FENCE TURN-AROUND DETAIL

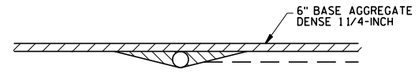


FINISHED CROSS SECTION FOR DRIVEWAY AT 952+65

*DONE BY OTHERS

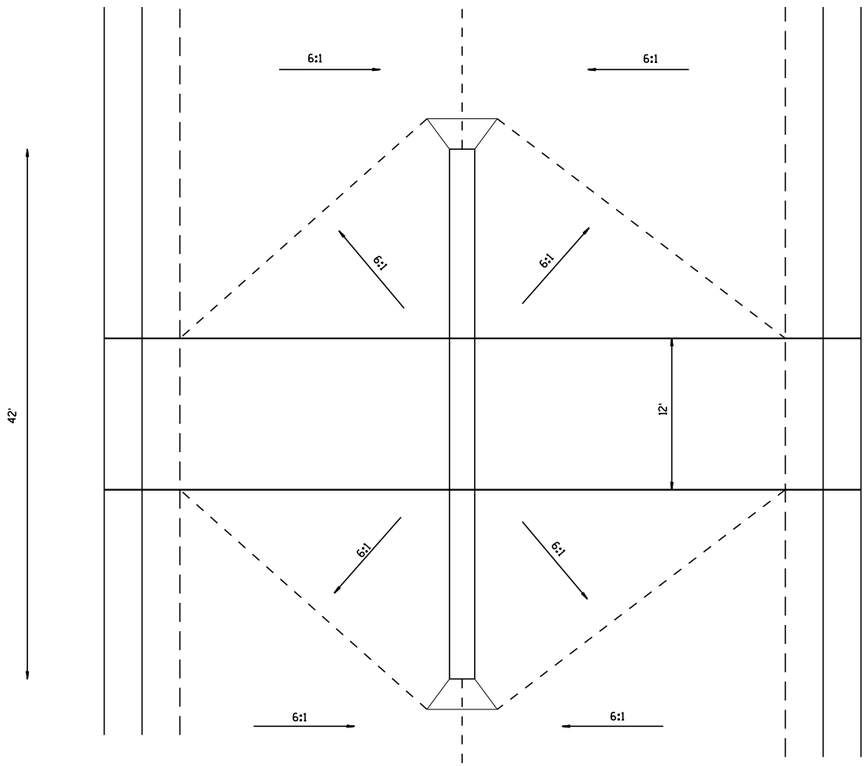


PLAN VIEW

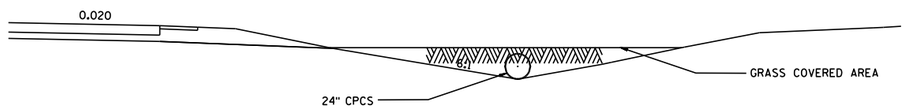


PROFILE VIEW

RURAL DRIVEWAY DETAIL



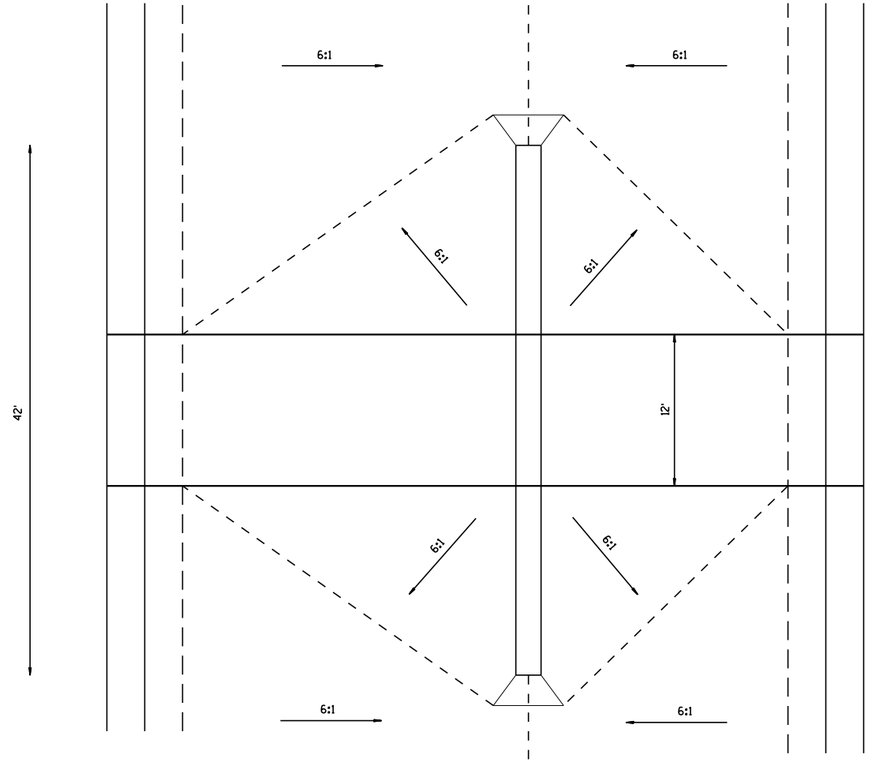
PLAN VIEW



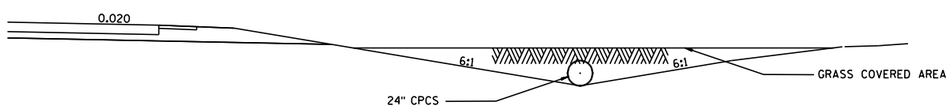
CROSS SECTION VIEW

SNOWMOBILE CROSSING DETAIL

833+77



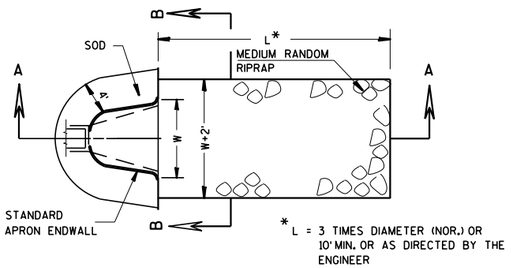
PLAN VIEW



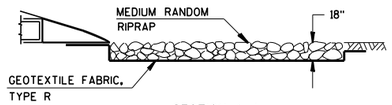
CROSS SECTION VIEW

SNOWMOBILE CROSSING DETAIL

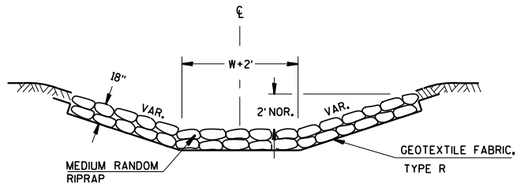
1011+00



* L = 3 TIMES DIAMETER (NOR.) OR 10' MIN. OR AS DIRECTED BY THE ENGINEER

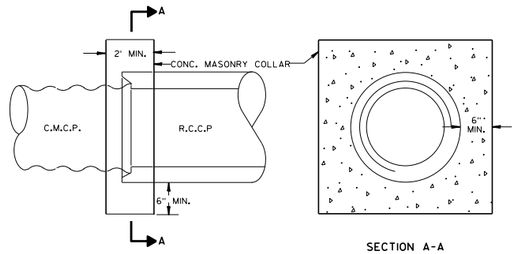


SECTION A-A



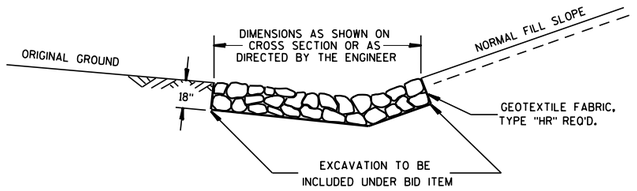
SECTION B-B

SOD, MEDIUM RANDOM RIPRAP AND GEOTEXTILE FABRIC
DETAIL AT APRON ENDWALLS

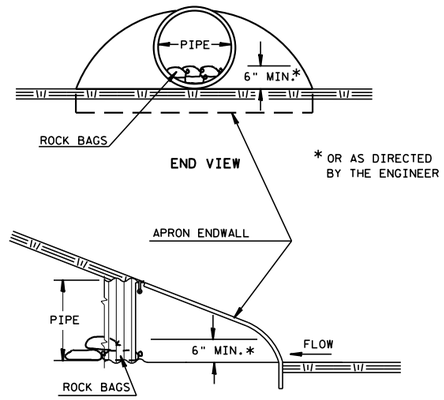


SECTION A-A

CONNECTION DETAIL R.C.C.P. TO C.M.C.P.



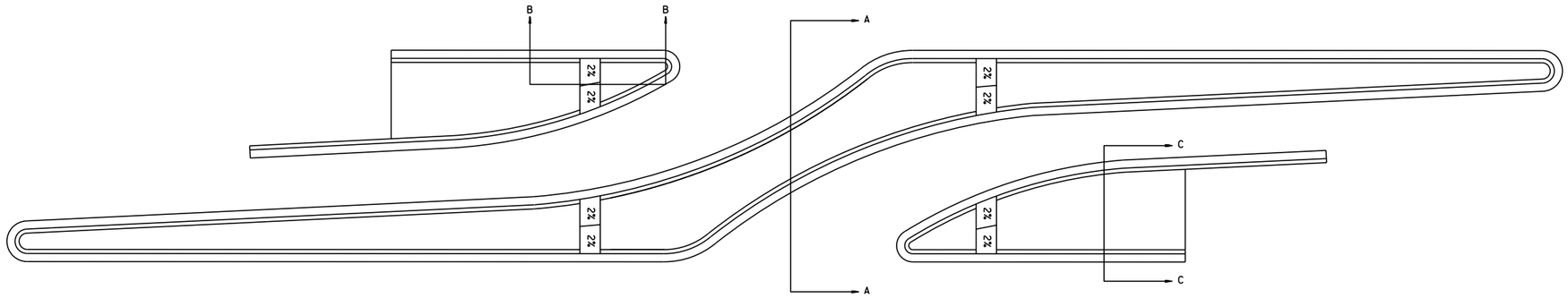
DETAIL FOR MEDIUM RANDOM RIPRAP IN DITCHES



SIDE VIEW

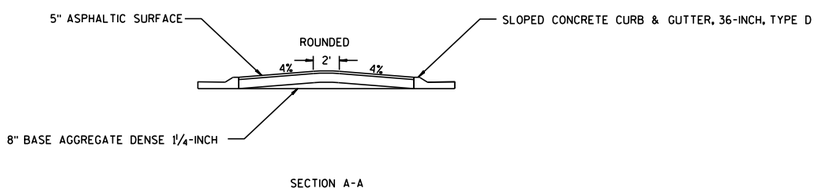
CULVERT PIPE DITCH CHECK

2

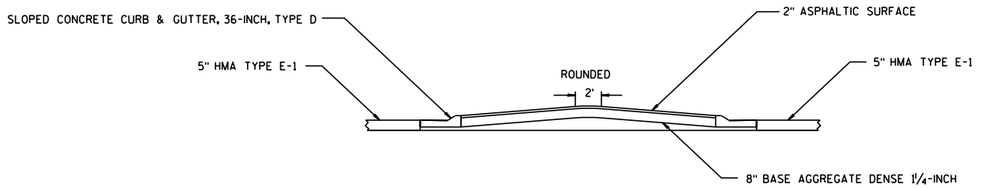


*J-TURN INTERSECTION DETAIL WITH BIKE PATH

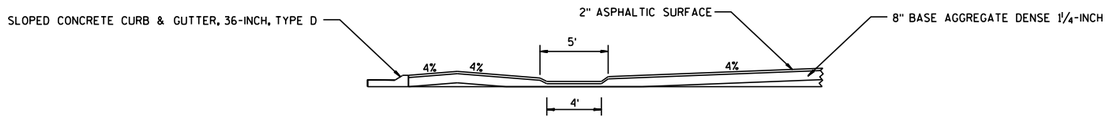
(SUGARBUSH ROAD)
(CTH A)
(CTH S)



SECTION A-A



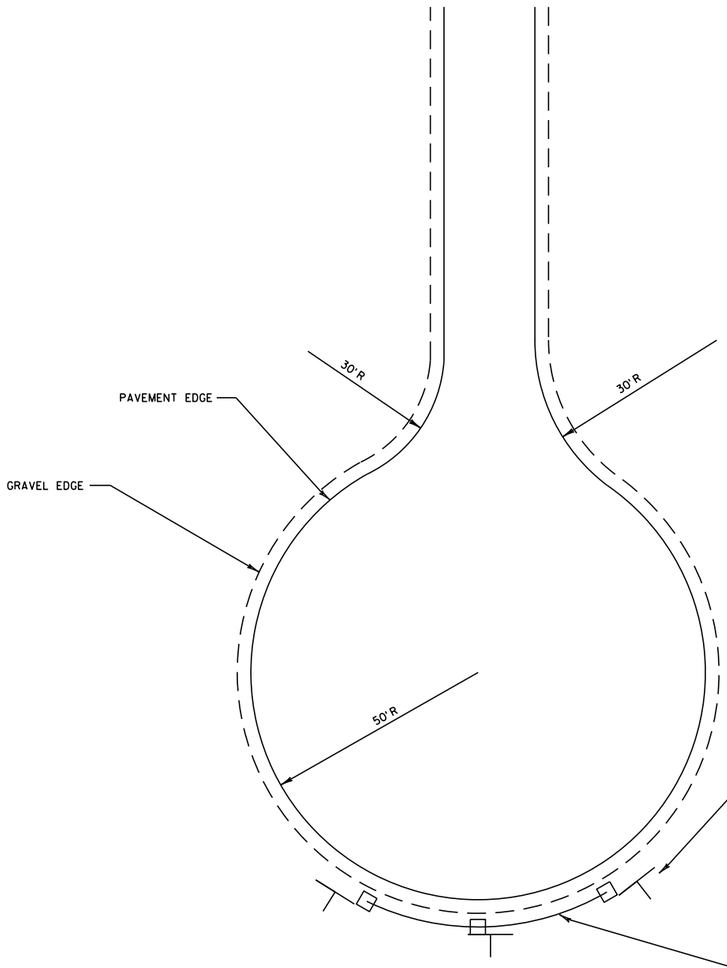
SECTION C-C



SECTION B-B

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CONSTRUCTION DETAILS	SHEET 12	E

2

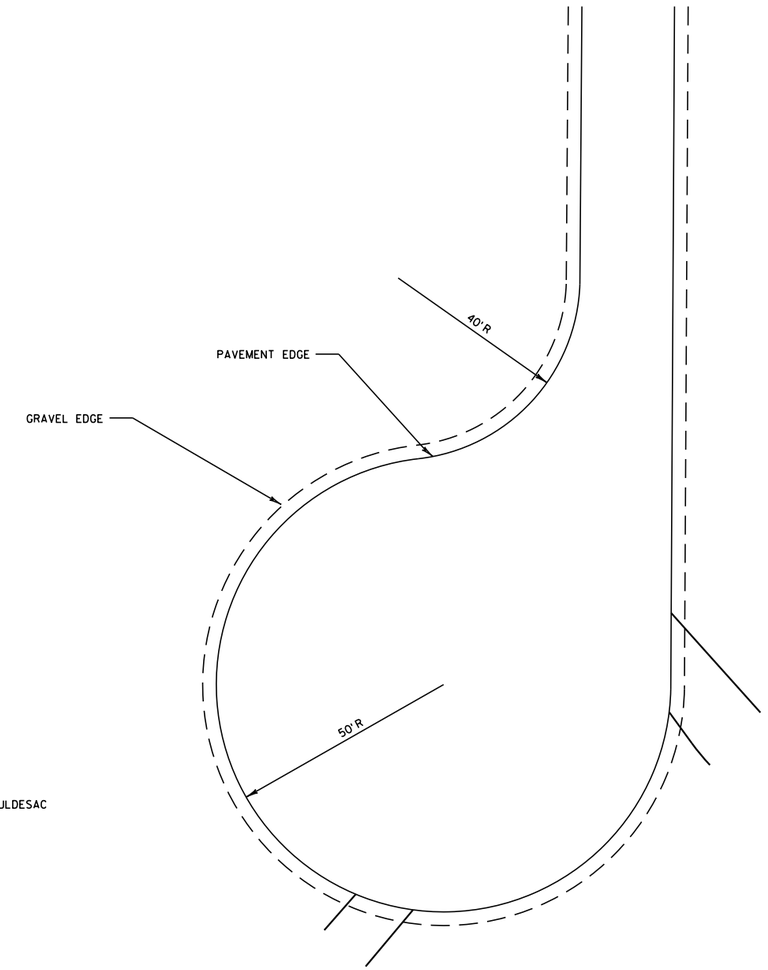


INSTALL 3 RED DIAMOND SIGNS TYPE W5-56
INSTALL DIAMONDS AT 35 FT SPACINGS AROUND BACK OF CULDESAC
INSTALL ONE DIAMOND BEHIND BEAM GUARD
SEE SIGNING PLAN SHEETS FOR MORE INFORMATION
INSTALLATION IS SUBJECT TO THE ENGINEER IN THE FIELD

INSTALL MINIMUM OF 25 FT OF BEAM GUARD CLASS A
ALIGN BEAM GUARD WITH STRAIGHT SECTION OF ROADWAY
INSTALL ROUNDED END SECTIONS (INCIDENTAL)
INSTALLATION IS SUBJECT TO THE ENGINEER IN THE FIELD

(RIDGE ROAD)
*(JULIE COURT EAST)
**(TWINKLE LANE)

*NO BEAM GUARD
**NO BEAM GUARD OR SIGNS

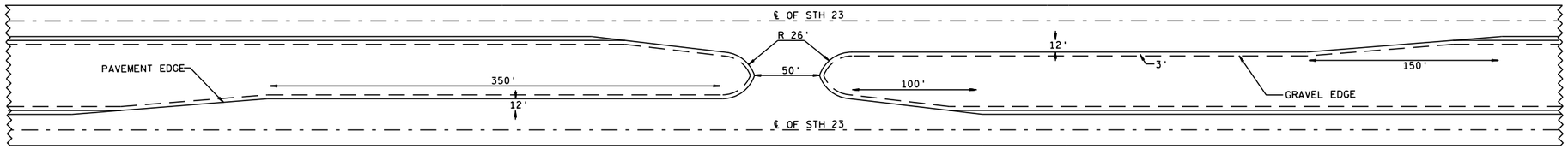


(SANDSTONE LANE)

CUL-DE-SAC DETAILS

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CONSTRUCTION DETAILS	SHEET 13	E

2



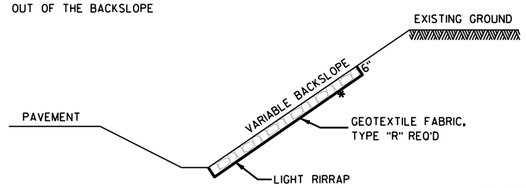
MEDIAN CROSSOVERS ALONG STH 23 FOR PUBLIC USE

(757+08.23)
(786+67.62)
(840+59.36)
(932+95.04)
(1019+43.54)

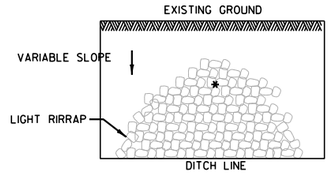
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CONSTRUCTION DETAILS	SHEET 14	E

FILE NAME : N:\pds\projects\Sheboygan\1440-13-01\Plan Sheets\1440-13-71\Construction Details\021006_cd.DGN PLOT DATE : 23-OCT-2014 10:57 PLOT BY : dotmvm PLOT NAME : 021006 cd15.i PLOT SCALE : 200:1

NOTE: LIGHT RIPRAP SHOULD BE PLACED AT LEAST 1 FOOT ABOVE THE LOCATION OF WHERE THE SPRING COMES OUT OF THE BACKSLOPE



CROSS-SECTIONAL VIEW



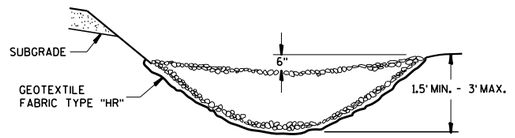
*LOCATION OF SPRING IN BACKSLOPE

FRONT VIEW

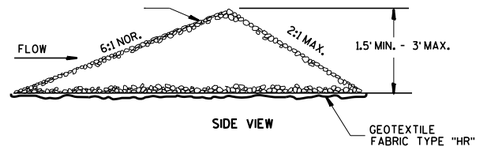
WEEPING SLOPE DETAIL

STA 760+00 - 766+00
STA 870+00 - 876+00
STA 914+00 - 918+00 'OLD PLANK TRAIL'
STA 906+00 - 910+00
STA 943+00 - 949+00
STA 1026+00 - 1029+00
STA 1098+00 - 1099+00

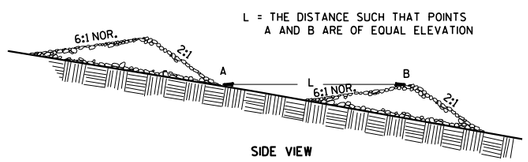
** MAY BE PLACED ON ANY OTHER BACKSLOPES THAT ARE DEEMED NECESSARY BY THE ENGINEER



CROSS SECTIONAL VIEW



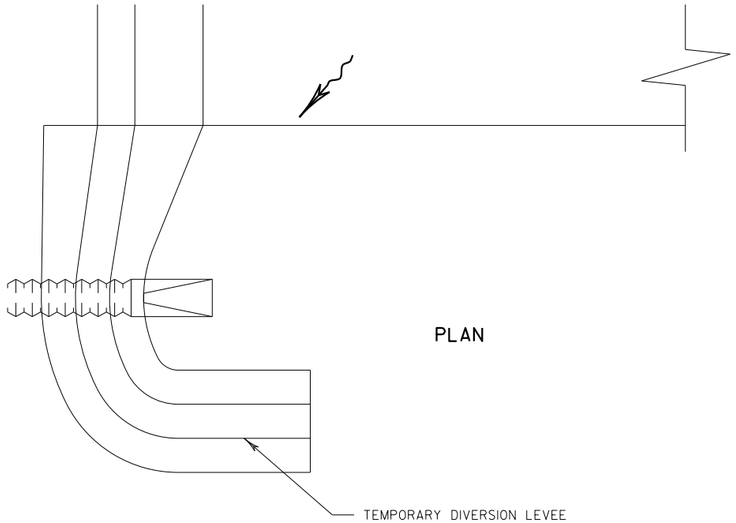
SIDE VIEW



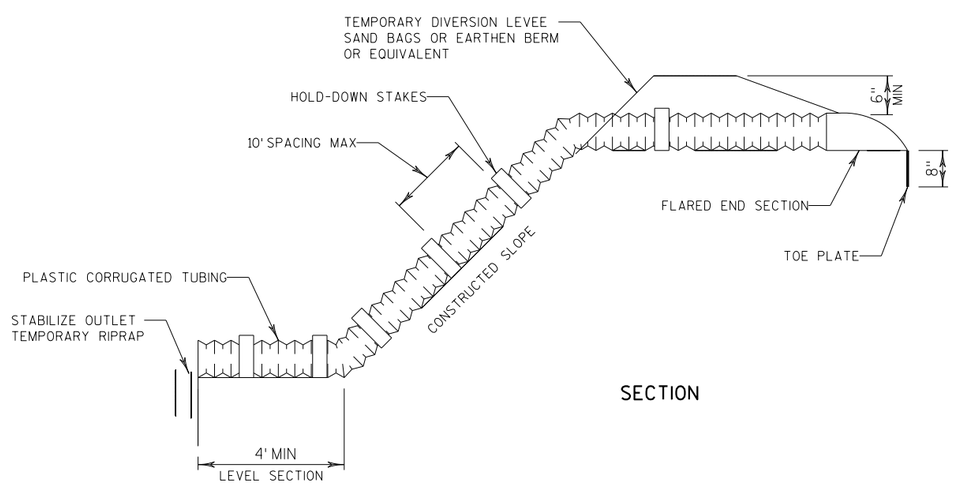
SIDE VIEW

TEMPORARY STONE DITCH CHECK

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CONSTRUCTION DETAILS	SHEET 15	E



PLAN



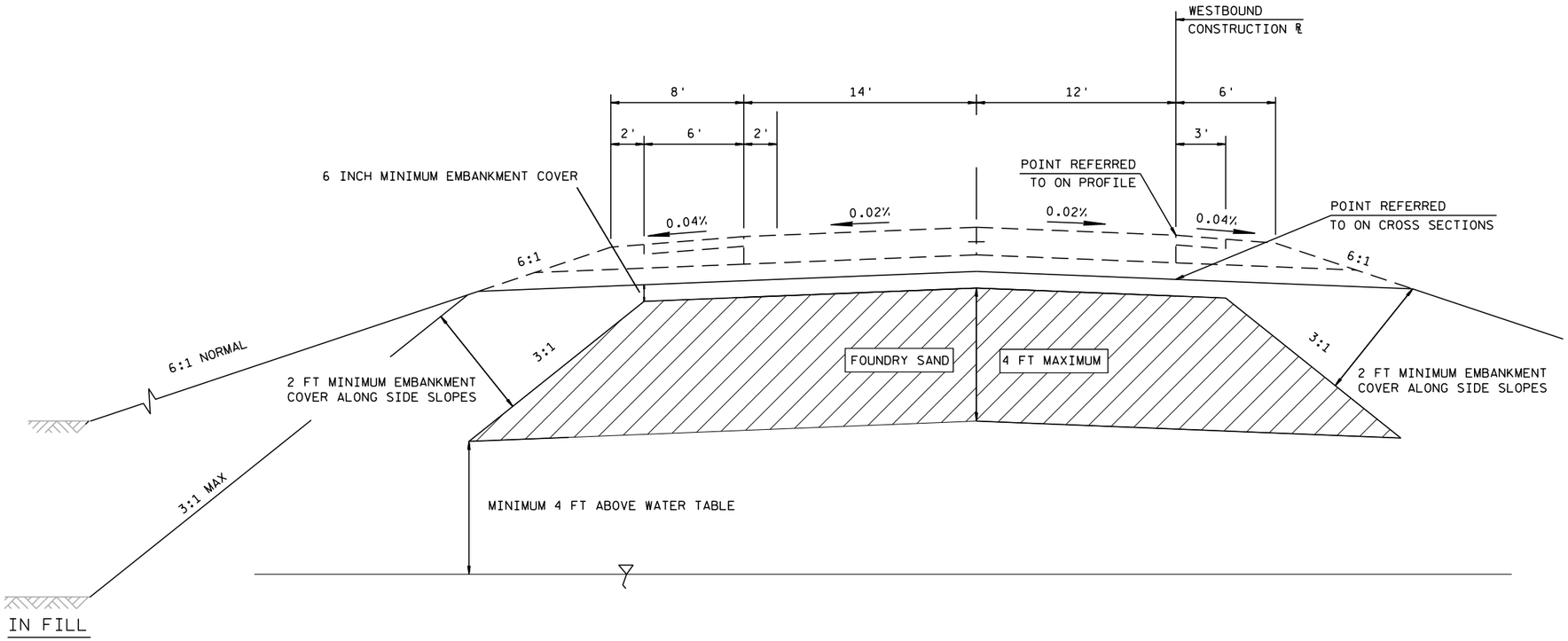
SECTION

NOTES:

1. TEMPORARY LEVEE SHALL BE CONSTRUCTED FROM EARTHEN BERM. SAND BAGS, OR OTHER EQUIVALENT MATERIAL TO TEMPORARILY DIVERT WATER ALONG THE TOP OF SLOPE.
2. CONDUIT MATERIAL SHALL BE HEAVY DUTY FLEXIBLE MATERIAL SUCH AS NON-PERFORATED CORRUGATED PLASTIC TUBING OR SPECIALLY DESIGNED FLEXIBLE TUBING
3. THE FLARED END SECTION AT THE INLET SHALL BE WATER-TIGHT WITH HAND COMPACTED MATERIAL AROUND THE PIPE AND END SECTION.
4. THE SOIL MATERIAL AROUND THE PIPE SHALL BE HAND COMPACTED IN 6" LIFTS TO FILL ALL VOIDS IN THE TUBING CORRUGATIONS.
5. REMOVE TEMPORARY DRAINS AND TEMPORARY LEVEES AFTER SLOPE IS FULLY STABILIZED WITH VEGETATION AND EROSION CONTROL FEATURES.
6. TEMPORARY OUTLET STABILIZATION SUCH AS RIPRAP OR OTHER APPROVED METHOD IS INCIDENTAL TO THE TEMPORARY SLOPE DRAIN ITEM.

TEMPORARY SLOPE DRAIN DETAIL

2



FOUNDRY SAND PLACEMENT DETAIL

STA 972+00 - 978+00
STA 1033+00 - 1036+75
STA 1038+35 - 1040+00
STA 1088+00 - 1093+50
STA 1101+00 - 1120+00

BEGINPROJECT 1440-13-71
STA 745+60.12 WB

754+84
36" CPCS
NORTH SIDE - REMOVE 45'
SOUTH SIDE - REMOVE 65'

772+56
30" CPCS
NORTH SIDE - REMOVE 4 FT
SOUTN SIDE - REMOVE 4 FT

770+86
24" CPCS (REMOVE)
FE (REMOVE)

STA BACK = 773+28.86
STA AHEAD = 773+44.91

747+60
24" CPCS (REMOVE)
PE (REMOVE)

770+67
24" CPCS (REMOVE)
FE (REMOVE)

767+09
24" CPCS (REMOVE)

784+60
2-48" CPCS
NORTH SIDE - REMOVE 14
SOUTH SIDE - REMOVE 28 FT

786+50 LT
PE (REMOVE)

796+16
24" CPCS (REMOVE)
FE (REMOVE)

801+00
24" CPCS (REMOVE)

782+64
24" CPCS (REMOVE)

795+97
24" CPCS (REMOVE)

777+62
24" CPCS (REMOVE)

REMOVING FENCE
782+33 - 784+35

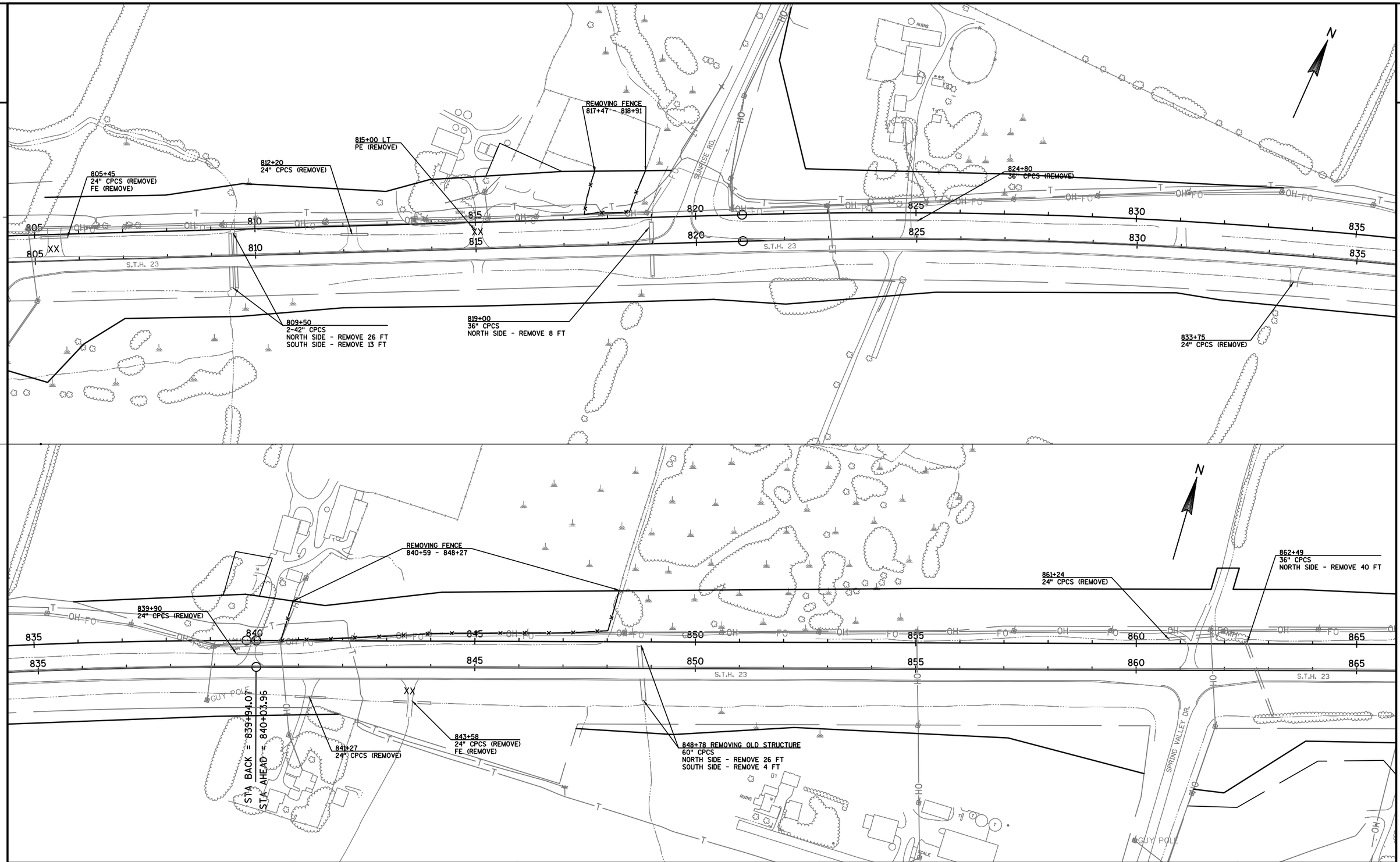
STA BACK = 798+65.65
STA AHEAD = 798+80.93

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	REMOVALS DETAIL	SHEET 18	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\REMOVALSPLAN\REMOVALS.DWG PLOT DATE : 11/24/2014 1:00 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	REMOVALS DETAIL	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\REMOVALSPLAN\REMOVALS.DWG PLOT DATE : 11/24/2014 1:01 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

866+74
24" CPCS (REMOVE)
FE (REMOVE)

866+46
24" CPCS (REMOVE)
PE (REMOVE)

888+16
24" CPCS
NORTH SIDE - REMOVE 8 FT

894+96
24" CPCS (REMOVE)
PE (REMOVE)

906+00
48" CPCS
NORTH SIDE - REMOVE 22 FT

911+07
24" CPCS (REMOVE)

51+75
24" CPCS (REMOVE)
PE (REMOVE)

913+52
24" CPCS
NORTH SIDE - REMOVE 4 FT
SOUTH SIDE - REMOVE 14 FT

REMOVING FENCE
904+31 - 907+65

STA BACK = 899+49.47
STA AHEAD = 899+83.30

STA BACK = 917+10.16
STA AHEAD = 917+15.27

920+00 LT
PE (REMOVE)

919+03
24" CPCS
NORTH SIDE - REMOVE 15 FT
SOUTH SIDE - REMOVE 33 FT

S.T.H. 23

C.T.H. "T"

SCENIC VIEW DR.

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	REMOVALS DETAIL	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\REMOVALSPLAN\REMOVALS.DWG PLOT DATE : 11/24/2014 1:02 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

928+72
24" CPCS
NORTH SIDE - REMOVE 16 FT
SOUTH SIDE - REMOVE 36 FT

932+92
24" CPCS (REMOVE)

936+37
24" CPCS
NORTH SIDE - REMOVE 20 FT

937+89
24" CPCS (REMOVE)

942+11
24" CPCS (REMOVE)

950+61
24" CPCS (REMOVE)
PE (REMOVE)

STA. BACK = 953+21.23
STA. AHEAD = 954+26.76

REMOVING OLD STRUCTURE
979+49.38
BOX CULVERT APRON AND WINGWALL

983+00
24" CPCS (REMOVE)
FE (REMOVE)

S.T.H. 23

SUGARBUSH

PLANK RD.

MULLET R.

C.T.H. L

GUY POLE

SEPTIC

TANKS

ANT.

SIGN

FOUND

925 930 935 940 945 950 955 960 965 970 975 980 985

N

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	REMOVALS DETAIL	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\REMOVALSPLAN\REMOVALS.DWG PLOT DATE : 11/24/2014 1:02 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

REMOVING FENCE
58+29 - 59+16

REMOVING FENCE
53+06 - 53+11

REMOVING FENCE
989+71 - 997+43

1002+02
24" CPCS
NORTH SIDE - REMOVE 55 FT

1006+36
24" CPCS (REMOVE)
FE (REMOVE)

1014+35
24" CPCS (REMOVE)

STA BACK = 1006+18.23
STA AHEAD = 1006+36.77

CAUTION

S.T.H. 23

C.T.H. 'A'

PLANK RD.

SEPTIC

REMOVING BILLBOARD
1017+51

REMOVING FENCE
1018+36 - 1024+04

1019+07
24" CPCS (REMOVE)

1034+53
24" CPCS
NORTH SIDE - REMOVE 40 FT

15+72
18" CPCS (REMOVE)

OBLITERATE OLD ROAD
14+55 - 16+07

SAW CUT
REQ'D

REMOVE ASPHALT
PAID AS COMMON EXCAVATION

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	REMOVALS DETAIL	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\REMOVALSPLAN\REMOVALS.DWG PLOT DATE : 11/24/2014 1:03 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

STA BACK = 1049+03.76
STA AHEAD = 1049+14.31

1046+80 RT
PE (REMOVE)

SAW CUT
REQ'D

1052+64
24" CPCS (REMOVE)

SAW CUT
REQ'D

REMOVE ASPHALT
PAID AS COMMON EXCAVATION

REMOVING SURFACE DRAIN

REMOVING CURB AND GUTTER

1067+34
24" CPCS (REMOVE)
FE (REMOVE)

1056+00
30" CPCS
NORTH SIDE - REMOVE 31 FT

1045 1050 1055 1060 1065 1070 1075

S.T.H. 23

RIDGE RD.

GUY

GUY PDLE

Comment2

OH

T

E

G

XX

N

SIGN

C.T.H. "S"

RIP RAP

BIKE PATH

CANOPY

WALLS

1075 1080 1085 1090 1095 1100 1105

1097+17
24" CPCS (REMOVE)

SAW CUT
REQ'D

REMOVING FENCE
1096+73 - 1097+23

1102+33
STRUCTURE (REMOVE)

REMOVING GUARDRAIL
1101+76 - 1115+27

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	REMOVALS DETAIL	SHEET 23	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\REMOVALSPLAN\REMOVALS.DWG PLOT DATE : 11/24/2014 1:26 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

REMOVE ASPHALT
PAID AS COMMON EXCAVATION

SAW CUT
REQ'D

OBLITERATE OLD ROAD
TWINKLE LANE

STA BACK = 1113+28.44
STA AHEAD = 1113+44.30

REMOVING GUARDRAIL
1101+76 - 1115+27

REMOVE ASPHALT
PAID AS COMMON EXCAVATION

REMOVING GUARDRAIL
1109+05 - 1110+30

REMOVE ASPHALT
PAID AS COMMON EXCAVATION

SAW CUT
REQ'D

OBLITERATE OLD ROAD
TWINKLE LANE
16+55 - 17+75

SAW CUT
REQ'D

REMOVING FENCE
1121+27 - 1124+98

1115+37
24" CPCS (REMOVE)

REMOVING GUARDRAIL
1115+53 - 1118+92

OBLITERATE OLD ROAD
COARY LN

1109+88
36" CPCS (REMOVE)

S.T.H 23

VALLEY LN.

OBLITERATE OLD ROAD
INEZ - BRACH ACCESS

SAW CUT
REQ'D

STH 23

REMOVE ASPHALT
PAID AS COMMON EXCAVATION

24" CPCS (REMOVE)

24" CPCS (REMOVE)

REMOVING CURB AND GUTTER

SAW CUT
REQ'D

REMOVE ASPHALT
PAID AS COMMON EXCAVATION

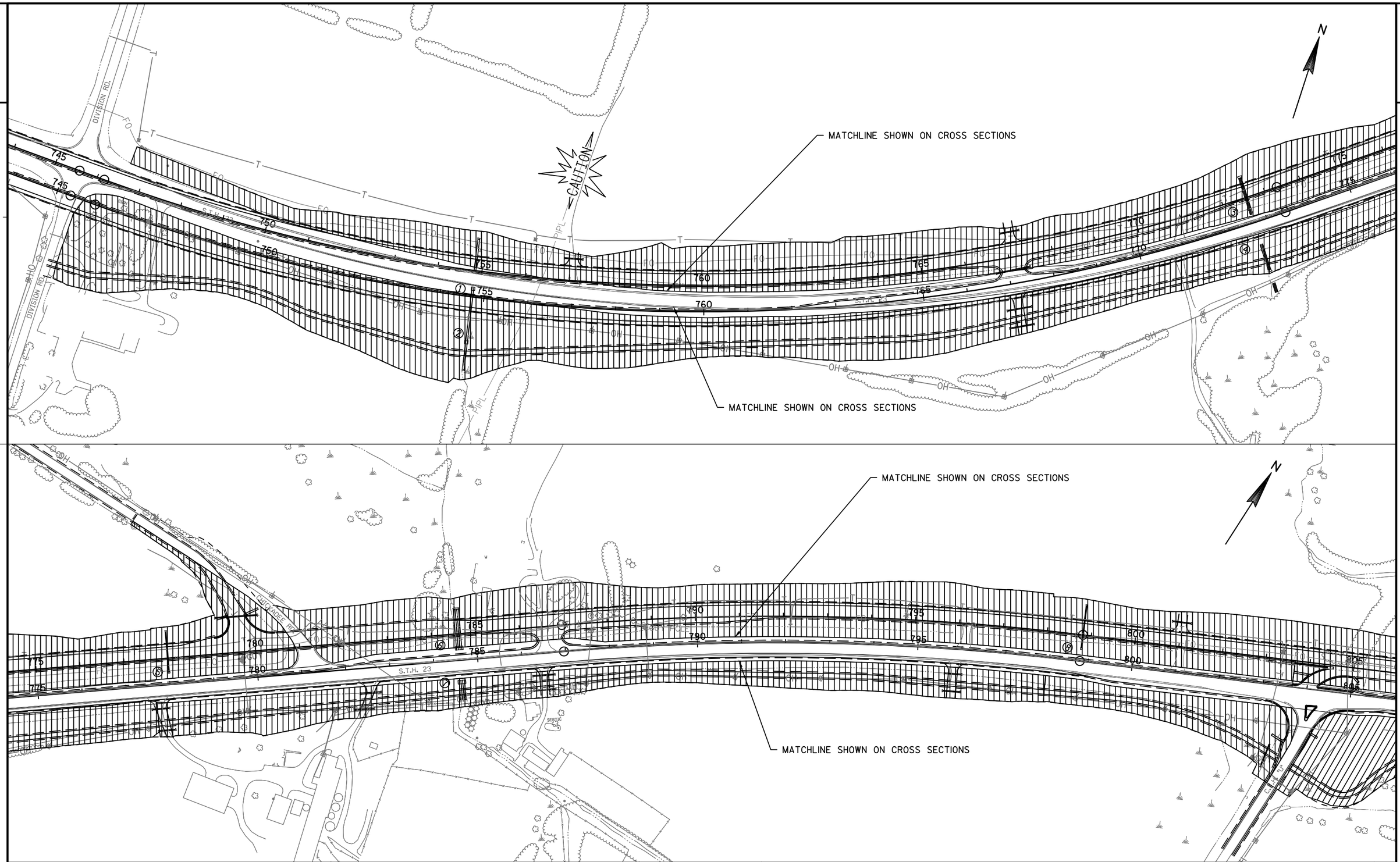
INEZ CT.

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	REMOVALS DETAIL	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\REMOVALSPLAN\REMOVALS.DWG PLOT DATE : 11/24/2014 1:05 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

2



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	GRADING FOOTPRINT	SHEET 25	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\CONSTRUCTION STAGING\GRADINGFOOTPRINT.DWG PLOT DATE : 9/24/2014 1:48 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

2

MATCHLINE SHOWN ON CROSS SECTIONS

MATCHLINE SHOWN ON CROSS SECTIONS

MATCHLINE SHOWN ON CROSS SECTIONS

MATCHLINE SHOWN ON CROSS SECTIONS

S.T.H. 23

SUNRISE RD

SPRING VALLEY DR

RUINS

GUY POLE

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	GRADING FOOTPRINT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\CONSTRUCTION STAGING\GRADINGFOOTPRINT.DWG PLOT DATE : 9/24/2014 1:48 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

MATCHLINE SHOWN ON CROSS SECTIONS

MATCHLINE SHOWN ON CROSS SECTIONS

MATCHLINE SHOWN ON CROSS SECTIONS

MATCHLINE SHOWN ON CROSS SECTIONS

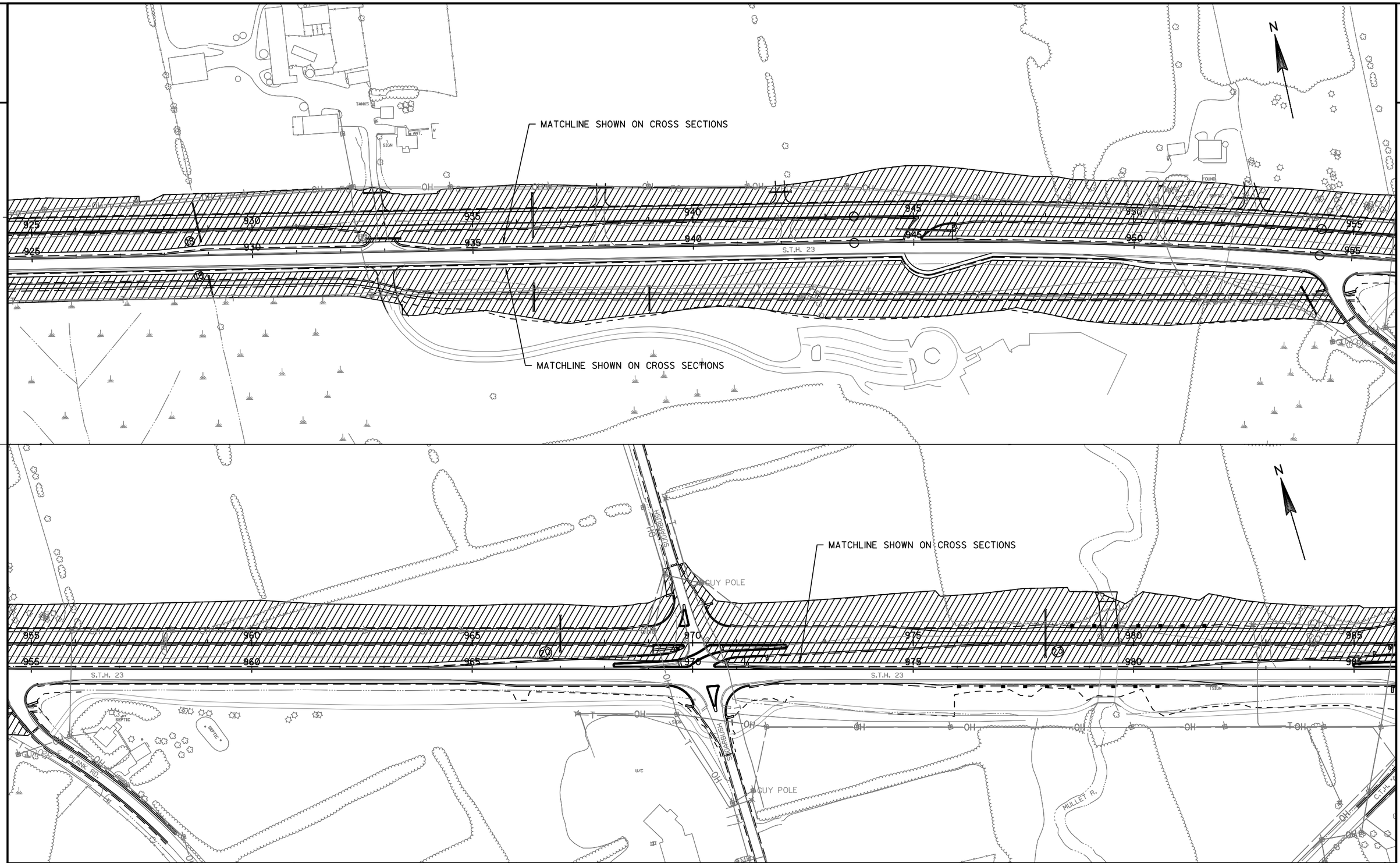
S.T.H. 23

SCENIC VIEW DR.

N

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	GRADING FOOTPRINT	SHEET 27	E

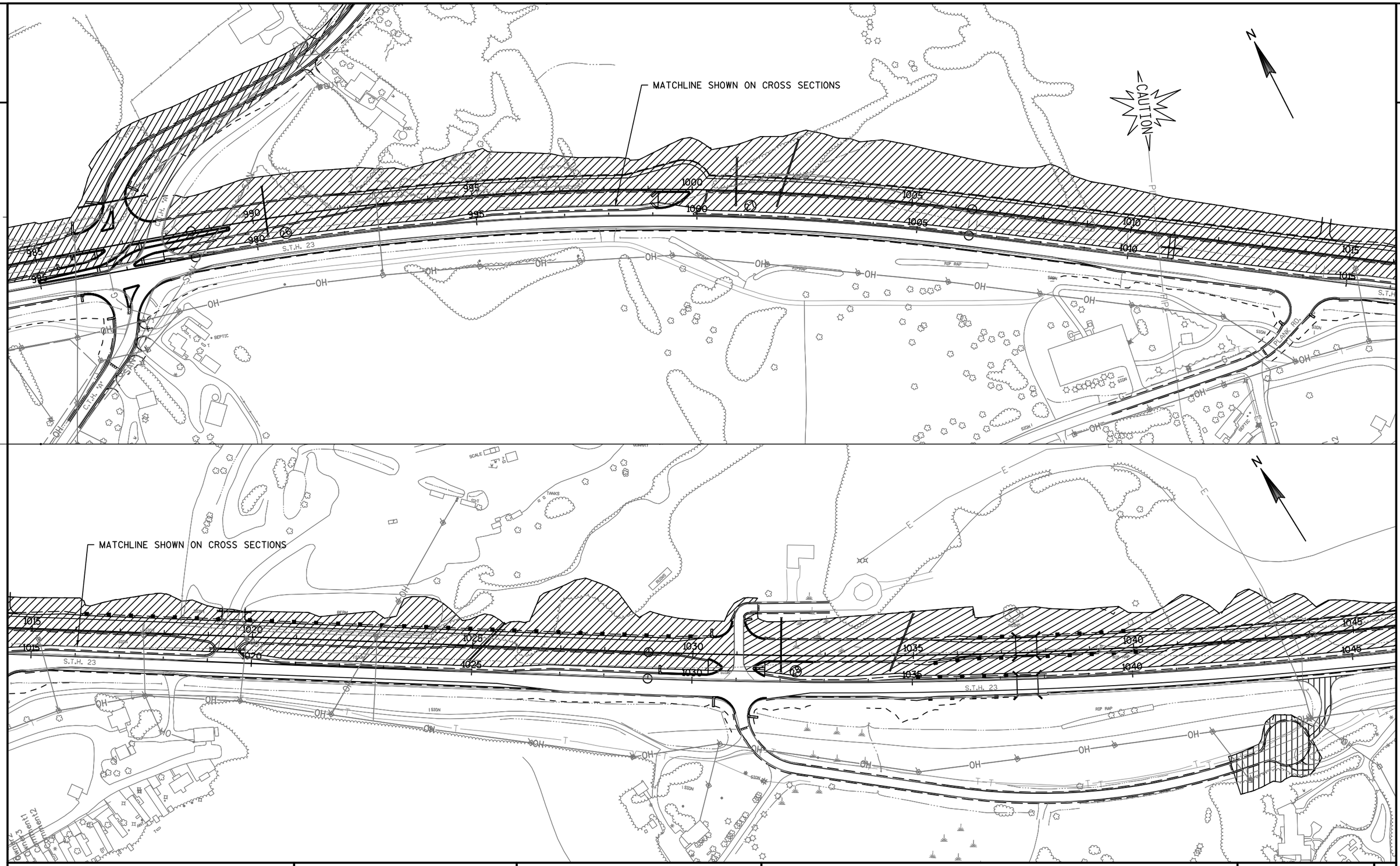
2



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	GRADING FOOTPRINT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\CONSTRUCTION STAGING\GRADINGFOOTPRINT.DWG PLOT DATE : 9/24/2014 1:50 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

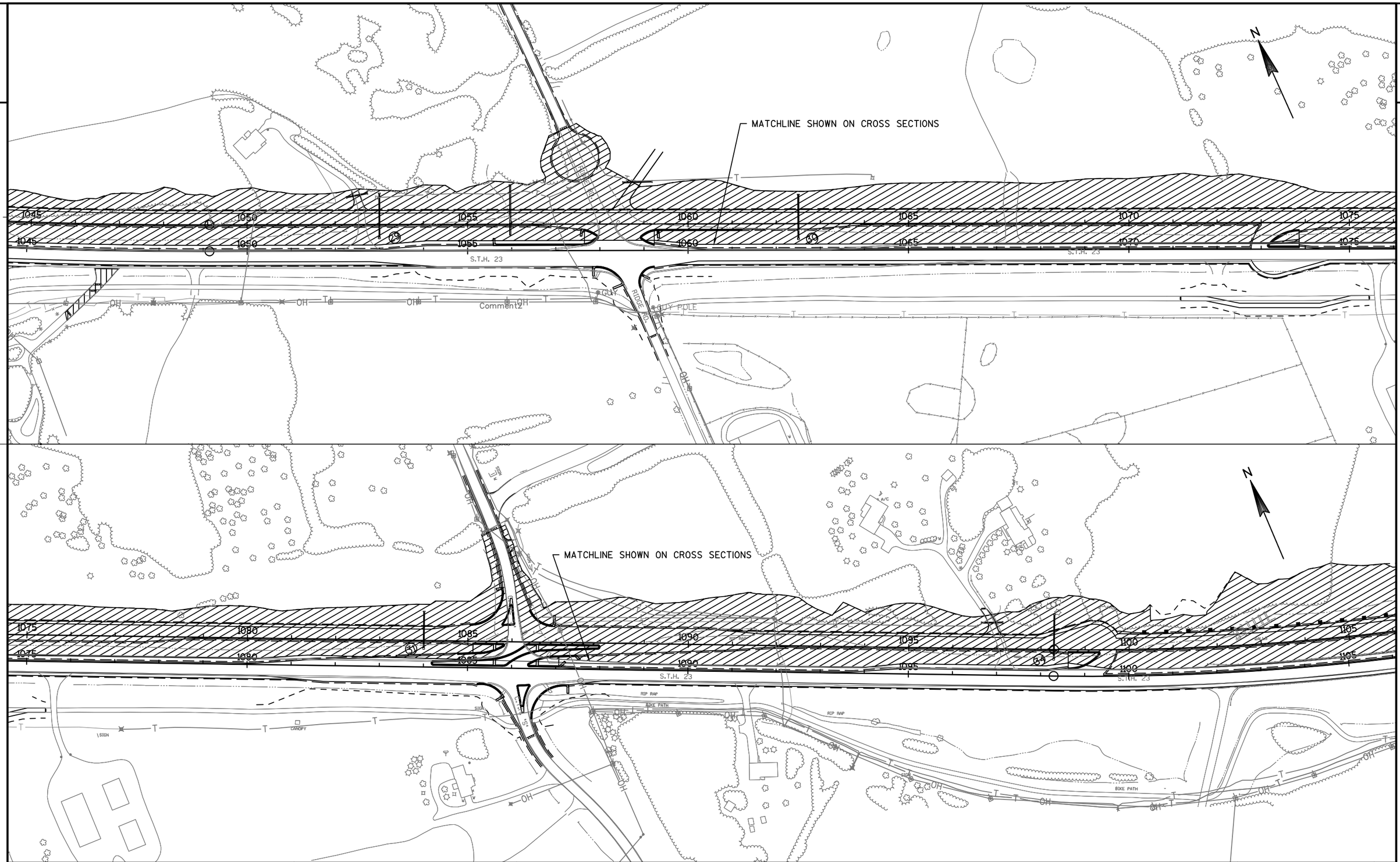


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	GRADING FOOTPRINT	SHEET 29	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\CONSTRUCTION STAGING\GRADINGFOOTPRINT.DWG PLOT DATE : 9/24/2014 1:51 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	GRADING FOOTPRINT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\CONSTRUCTION STAGING\GRADINGFOOTPRINT.DWG PLOT DATE : 9/24/2014 1:52 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

2

MATCHLINE SHOWN ON CROSS SECTIONS

N

S.T.H 23

VALLEY LN.

BIKE PATH

INEZ CT.

POOL

A/C

RUINS

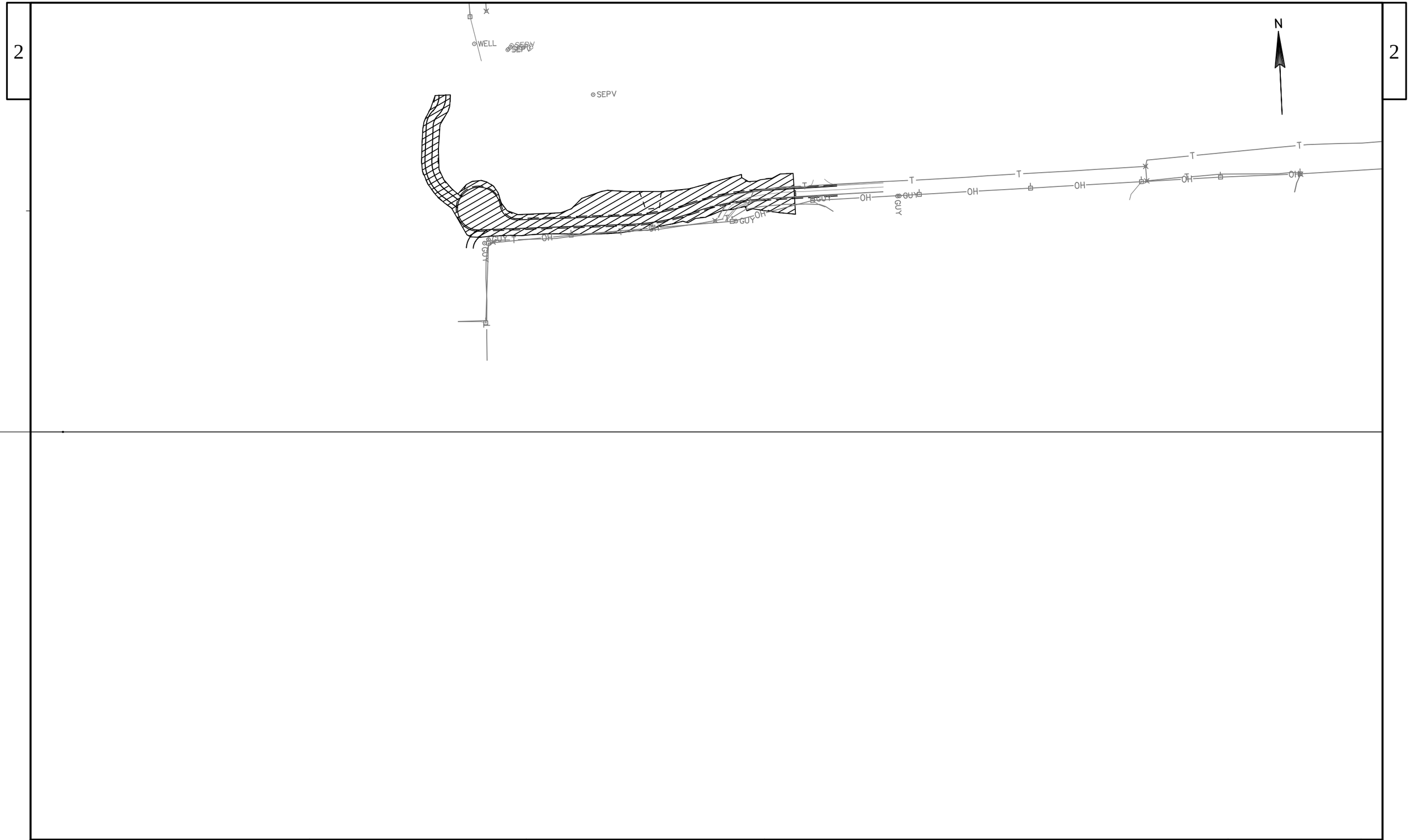
PIER

Compiled By: Departmental Mapping
Date: 12-07
Photography Date: 04-09-06

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	GRADING FOOTPRINT	SHEET 31	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\CONSTRUCTION STAGING\GRADINGFOOTPRINT.DWG PLOT DATE : 9/24/2014 1:53 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	GRADING FOOTPRINT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\CONSTRUCTION STAGING\GRADINGFOOTPRINT.DWG PLOT DATE : 9/24/2014 1:54 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

N

EXISTING R/W

PROPOSED R/W

CHICKADEE ROAD

R94'

R266'

48+00

49+00

PI: 49+16.53

+01.6 12.9'RT

+17.1 10.0'LT

+38.9 10.0'LT

+60.8 17.2'RT

+93.9 16.5'RT

+09.6 16.5'RT

+18.2 17.2'RT

+16.7 23.0'LT

+24.7 23.8'LT

+12.1(WB) R33'

+20.2

1013.54

1013.61

1014.38

1014.07

1014.33

1015.08

+09.5(WB) 38.0'LT

+29.6(WB) 26.0'LT

+55.5(WB) 36.0'LT

+35.5(WB) 38.0'LT

+46.5(WB) 59.4'

+10.4

+95.7(WB) 36.0'LT

+96.6(WB) 36.0'LT

SLOPE INTERCEPTS

3'

36'

2'

26'

6'

12

2.00%

778+00 779+00 780+00 781+00 782+00 783+00 784+00

STH 23 WB

EP: 50+00.00

STA 779+74 STH 23 WB
STA 50+00 CHICKADEE ROAD

SIGN

GUY

MH

FO

OH

T

STH 23 EB

+69.2(EB) 12.0'LT

+19.2(EB) 0.0'

24'

8'

2'

SHOULDER LANE

OLD PLANK TRAIL

822+00 823+00 824+00 825+00 826+00 827+00

S.T.H. 23

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - CHICKADEE ROAD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\CHICKADEE\CHICKADEE_INT.DWG PLOT DATE : 10/2/2014 8:03 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

STA 804+20 STH 23 WB
STA 50+00 CTH U

EP: 49+99.99

STH 804+18 STH 23 EB
STH 49+40 CTH U

PT: 49+39.93

PC: 47+76.54

BEGIN CONSTRUCTION
STA 47+00.0
SAW CUT REQ'D

CTH U

S.T.H. 23

EXISTING R/W

OLD PLANK TRAIL

SLOPE INTERCEPTS R/W LINE

SHOULDER LINE

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES.

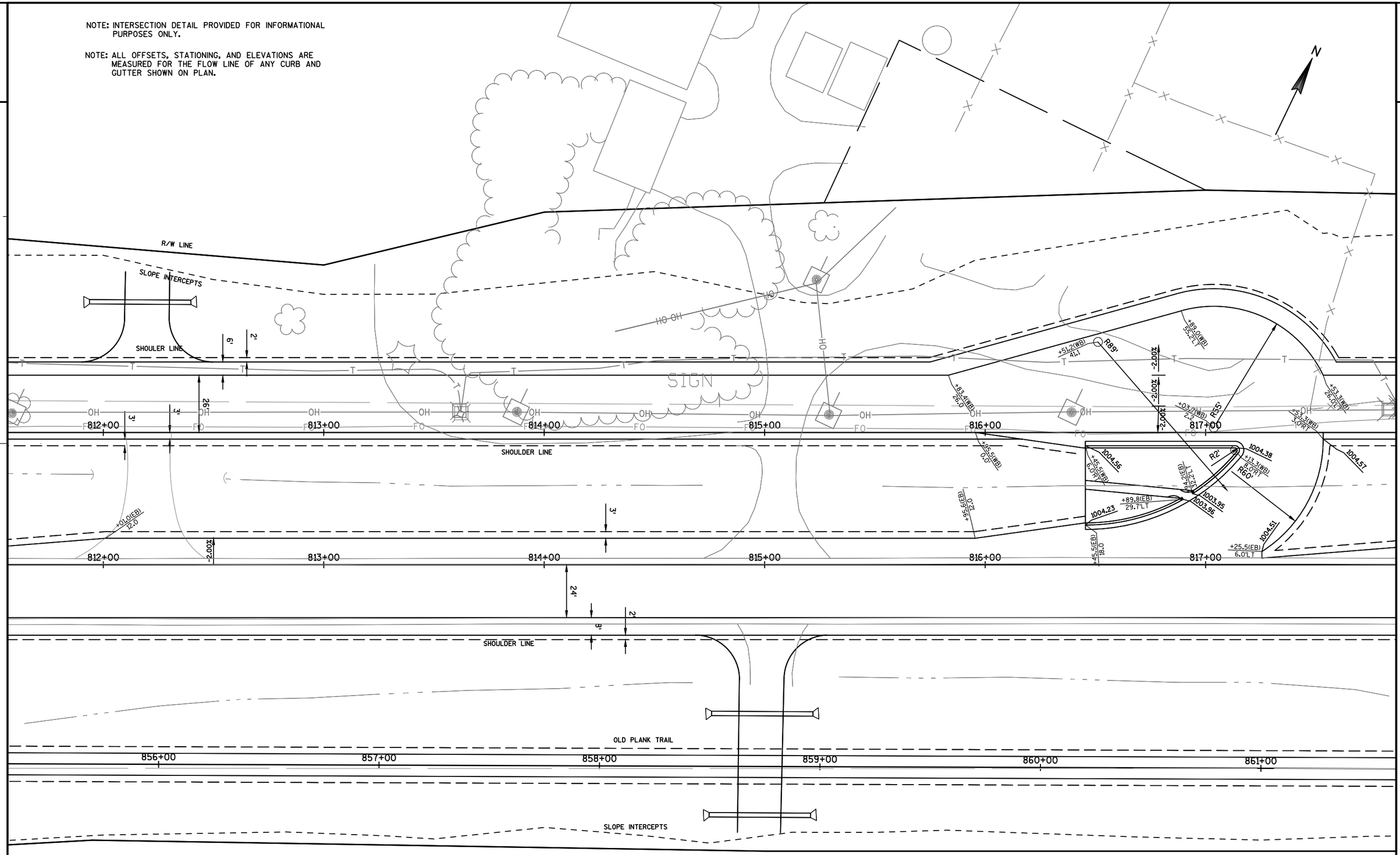
NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURE FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - CTH U	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\CTH U\CTH U_INT.DWG PLOT DATE : 10/2/2014 8:20 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 42

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - CTH U - J TURN	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\CTH U J TURN\CTH U J TURN.DWG PLOT DATE : 10/2/2014 8:22 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

N

EXISTING R/W

R/W LINE

SUNRISE ROAD

SLOPE INTERCEPTS

STA 821+54 STH 23 WB
STA 50+60 SUNRISE ROAD

PC: 821+05.42

STH 23 WB

STH 23 EB

BP: 50+00.00

S.T.H. 23

STA 821+54 STH 23 EB
STA 50+00 SUNRISE ROAD

PC: 821+05.42

SHOULDER LINE

OLD PLANK TRAIL

SLOPE INTERCEPTS

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - SUNRISE ROAD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\SUNRISE\SUNRISE.DWG PLOT DATE : 10/2/2014 8:44 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

STA 861+32 STH 23 WB
STA 50+00 SPRING VALLEY DR

EXISTING R/W

SHOULDER LINE

EP: 50+00.00

PT: 49+39.88

STA 861+26 STH 23 EB
STA 49+40 SPRING VALLEY DR

STH 23 WB

STH 23 EB

SPRING VALLEY DRIVE

OLD PLANK TRAIL

PC: 47+66.22

BEGIN CONSTRUCTION
STA 47+25.0
SAW CUT REQ'D

SLOPE INTERCEPTS

R/W LINE

S.T.H. 2

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - SPRING VALLEY DRIVE	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\SPRING VALLEY\SPRING VALLEY.DWG PLOT DATE : 10/2/2014 8:38 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

N

STA 888+81 STH 23 WB
STA 50+60 SCENIC VIEW DR

STA 888+64 STH 23 EB
STA 50+00 SCENIC VIEW DR

PI: 50+00.00

S.T.H. 23

SCENIC VIEW DRIVE

R/W LINE

SLOPE INTERCEPTS

SHOULDER LINE

52+00
51+00
50+00
49+00

886+00
887+00
888+00
889+00
890+00
891+00

R88'
R57'
R78'
R58'
R75'

1048.97
1048.09
1047.25
1046.09
1046.06
1045.97
1045.45
1045.34
1045.33
1045.30
1044.79
1044.71
1044.68
1044.60
1044.76
1043.73
1043.56
1043.40
1043.36
1043.30
1043.17
1042.09
1047.03
1046.51

+84.0
+78.8(WB)
+83.0 18.0'LT
+55.4
+68.2(WB)
+25.1 41.9'LT
+25.4 40.3'LT
+69.3(WB) 38.2'LT
+73.2(WB) 36.0'LT
+84.1
+64.8(WB)
+70.0(WB) 37.8'LT
+03.3(WB) 26.0'LT
+05.5(WB)
+70.5
+89.7(WB) 0.0'
+07.2(WB) 12.6'RT
+45.2(WB) 26.3'RT
+16.7(WB) 26.4'RT
+47.6(WB) 14.7'RT
+54.2(WB) 14.0'RT
+92.8(EB) 14.0'LT
+94.3(EB) 14.0'LT
+20.8(EB) 14.5'LT
+87.4
+35.1(EB)
+55.7(EB) 37.5'RT
+45.8(EB) 0.0'
+59.4(EB) 24.9'RT
+81.9(EB)
+69.1
+85.3(EB) 36.4'RT
+75.1(EB) 36.0'RT
+02.7
+83.8(EB)
+02.6 20.4'LT
+90.0 18.0'RT
+83.8
+63.0(EB)

26'
12'
36'
24'
3'
2'

PROJECT NO: 1440-13-71 | HWY: STH 23 | COUNTY: SHEBOYGAN | INTERSECTION DETAIL - SCENIC VIEW DRIVE | SHEET 38 | E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\SCENIC VIEW\SCENICVIEW.DWG PLOT DATE : 10/2/2014 8:36 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

2

R/W LINE

SLOPE INTERCEPTS

N

EXISTING R/W

SHOULDER LINE

6'

2'

PC: 907+38.05

902+00 903+00 904+00 905+00 906+00 907+00

STH 23 WB

26'

-2.00%

1.00%

12'

3'

+15.8(WB) 12.0'RT

+42.2(WB) 12.0'RT

SHOULDER LINE

1018.45

+93.3(WB) 6.0'RT

1016.00

+65.8(WB) 18.0'RT

+98.1(EB) 7.9'LT

R2'

1019.82

1018.57

1016.58

PC: 907+38.05

3'

3'

902+00 903+00 904+00 905+00 906+00 907+00

STH 23 EB

+56.9(EB) 3.0'LT

+10.2(EB) 10.2'RT

R55'

+65.9(EB) 6.0'LT

+16.0(EB) 0.0'

+55.3(EB) 24.0'RT

+57.0(EB) 24.0'RT

S.T.H. 23

2'

8'

-2.00%

R91'

+66.5(EB) 49.0'RT

SHOULDER LINE

+18.8(EB) 64.3'RT

R89'

+22.2(EB) 55.5'RT

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

950+00

OLD PLANK TRAIL

EXISTING R/W

SLOPE INTERCEPTS

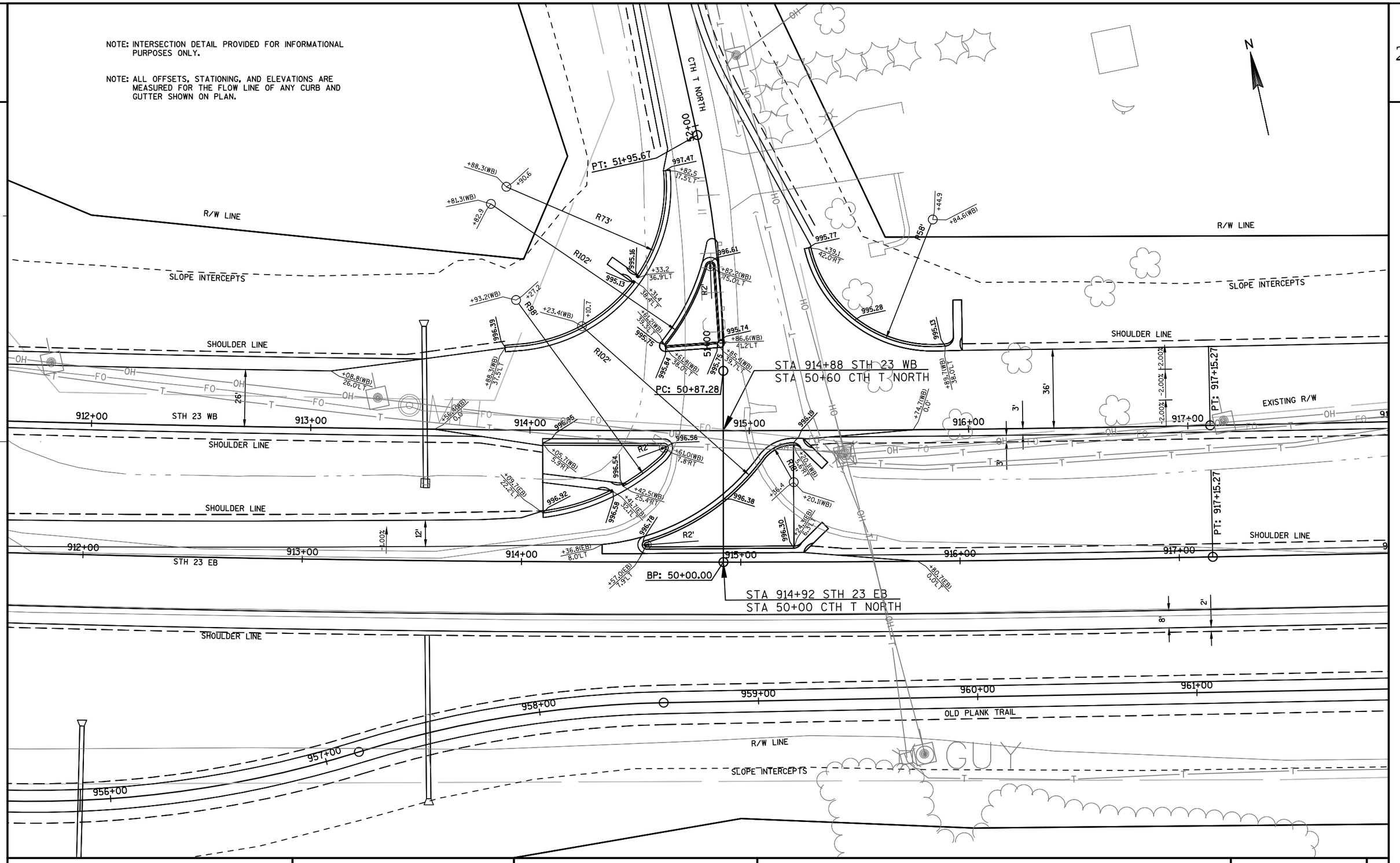
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - CTH T NORTH - J TURN	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\CTH T NORTH - J TURN\CTH T NORTH J TURN.DWG PLOT DATE : 10/2/2014 8:16 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - CTH T NORTH	SHEET 40	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\CTH T NORTH\CTH T NORTH.DWG PLOT DATE : 10/2/2014 8:14 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

R/W LINE

SLOPE INTERCEPTS

EXISTING R/W

SHOULDER LINE

OH FO

945 946 947 948 949 950

STH 23 WB

STH 23 EB

26'

3'

-2.00%

995.68

995.35

995.92

995.62

+11.6(WB) 6.0'RT

+86.6(WB) 16.2'RT

+38.6(WB) 12.0'RT

+63.8(WB) 12.0'RT

+19.6(EB) 3.0'LT

+78.5(EB) 3.0'LT

R2'

R88'

R55'

R89'

+31.9(EB) 10.2'RT

+64.5(EB) 15.7'RT

+87.3(EB) 47.6'RT

+40.0(EB) 64.6'RT

+36.5(EB) 0.0'

+78.7(EB) 24.0'RT

+78.6(EB) 24.1'RT

+84.1(EB) 24.0'RT

+83.7(EB) 32.0'RT

+34.5(EB) 36.0'RT

8"

2"

SIGN

989 990 991 992 993 994

OLD PLANK TRAIL

SLOPE INTERCEPTS

R/W LINE

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - SUGARBUSH ROAD - J TURN	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\SUGARBUSH ROAD - J TURN\SUGARBUSHROAD J TURN.DWG PLOT DATE : 10/2/2014 8:41 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

2

R/W LINE

SLOPE INTERCEPTS

FOUND

SEPTIC

SEPTIC

SHOULDER LINE

PT: 954+26.76

950+00 951+00 952+00 953+00 954+00 955+00 956+00

STH 23 WB

+13.6(WB) 0.0

SHOULDER LINE

PT: 954+26.76

STA 954+42 STH 23 EB
STA 50+00 CTH T SOUTH

SHOULDER LINE

950+00 951+00 952+00 953+00 954+00 955+00 956+00

STH 23 EB

36'

24'

+34.5(EB) 36.0RT

+14.7(EB) 24.0RT

EP: 50+00.00

+15.5(EB) 36.0RT

993.42

+35.4(EB) 35.0RT

992.90

PT: 49+33.50

993.41

+14.5(EB) 35.0RT

89°26

R36'

+99.0

+23.1(EB)

992.44

+32.9 22.9LT

+10.6 15.3RT

992.25

998+94

R68'

998+00

997+00

996+00

995+00

994+00

OLD PLANK TRAIL

EXISTING R/W

+23.8

49+00

CTH T SOUTH (PLANK RD WEST)

48+00

BEGIN CONSTRUCTION
STA 48+47.7
SAW CUT REQ'D

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

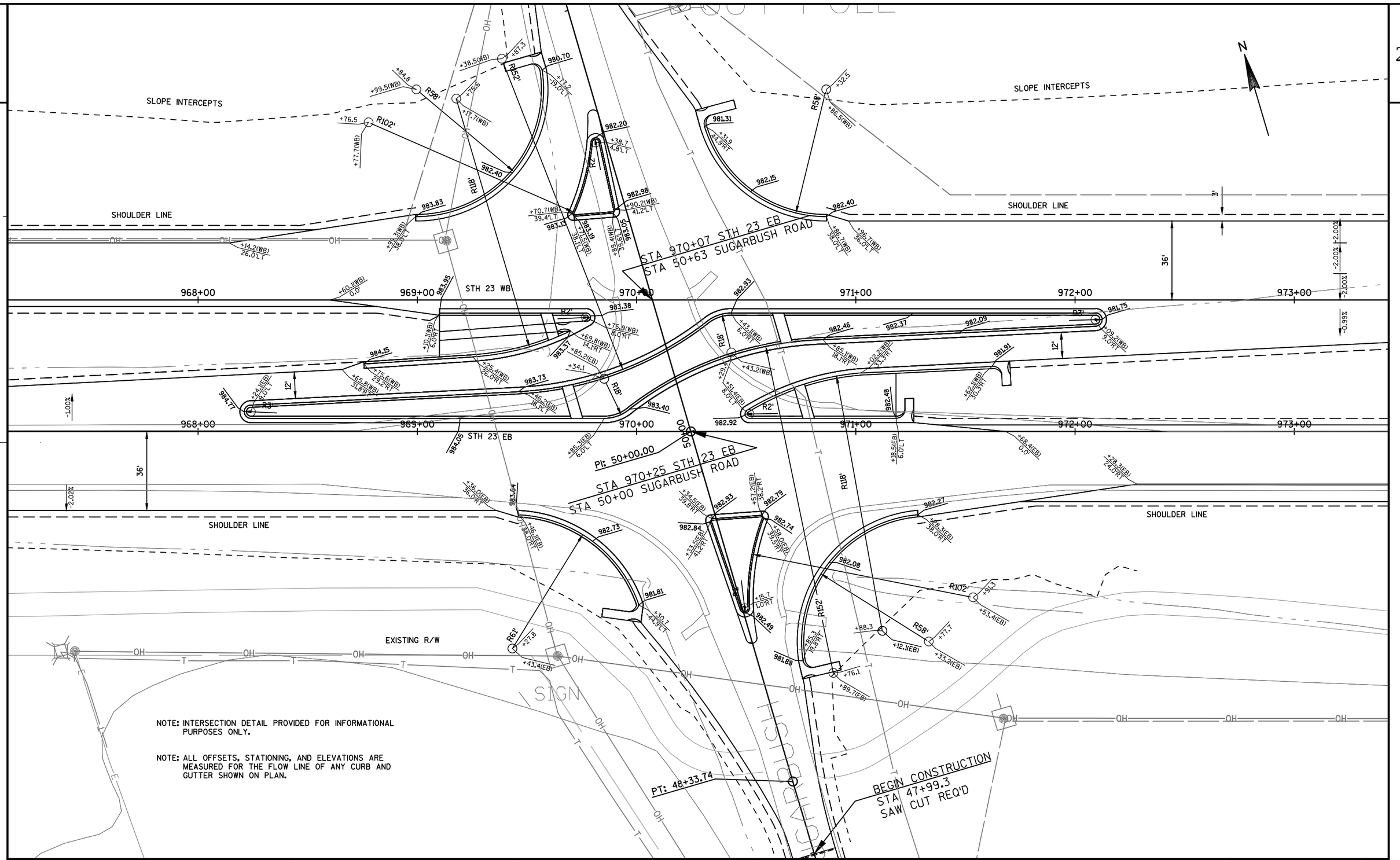
SLOPE INTERCEPTS

R/W LINE

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - CTH T SOUTH (PLANK RD)	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\CTH T SOUTH (PLANK)\CTH T SOUTH (PLANK RD).DWG PLOT DATE : 10/22/2014 8:13 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - SUGARBUSH ROAD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\SUGARBUSH ROAD\SUGARBUSH.DWG PLOT DATE : 10/2/2014 8:39 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

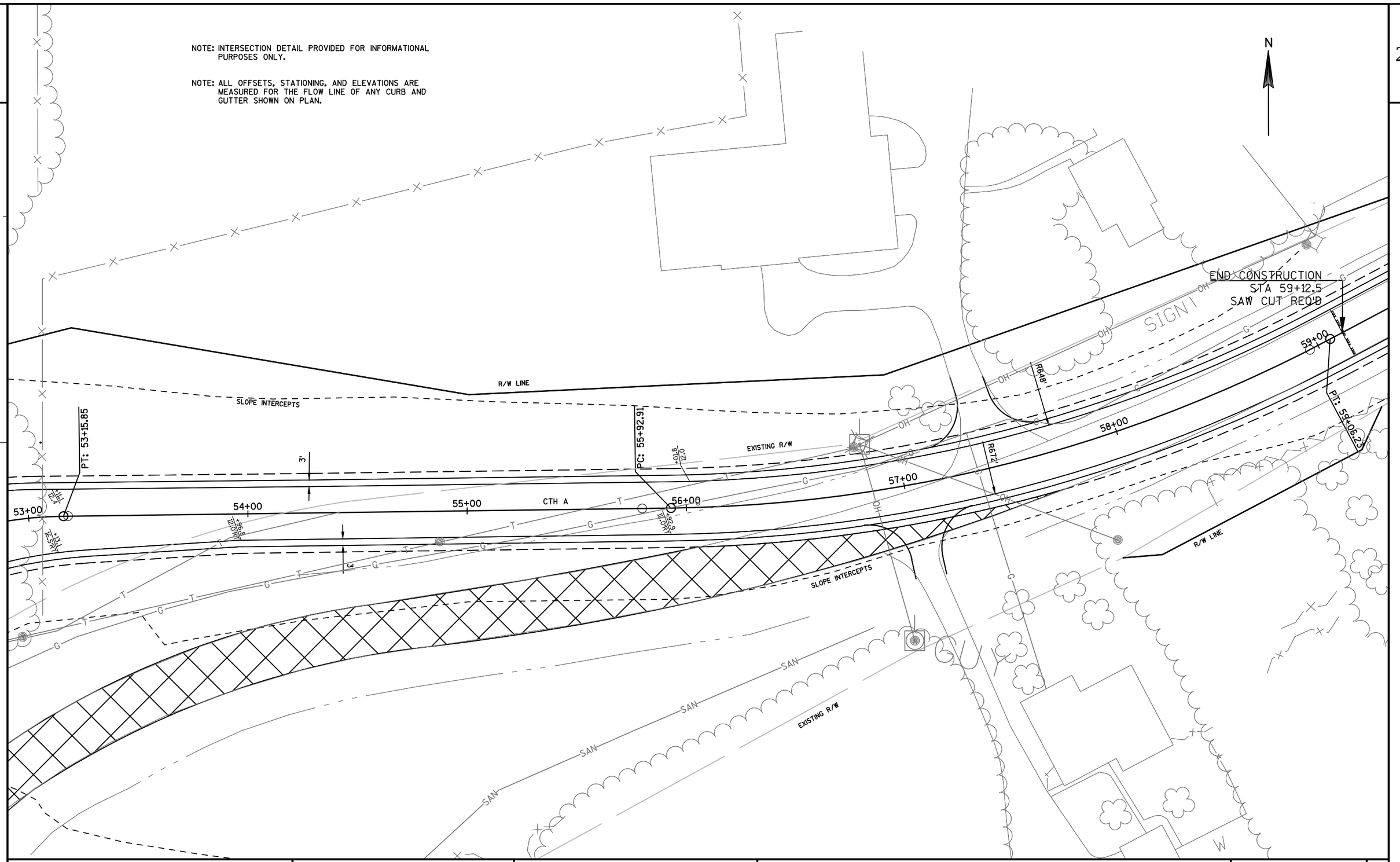
NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - CTH A	SHEET 44	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\CTH A\CTH A.DWG PLOT DATE : 10/2/2014 8:04 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

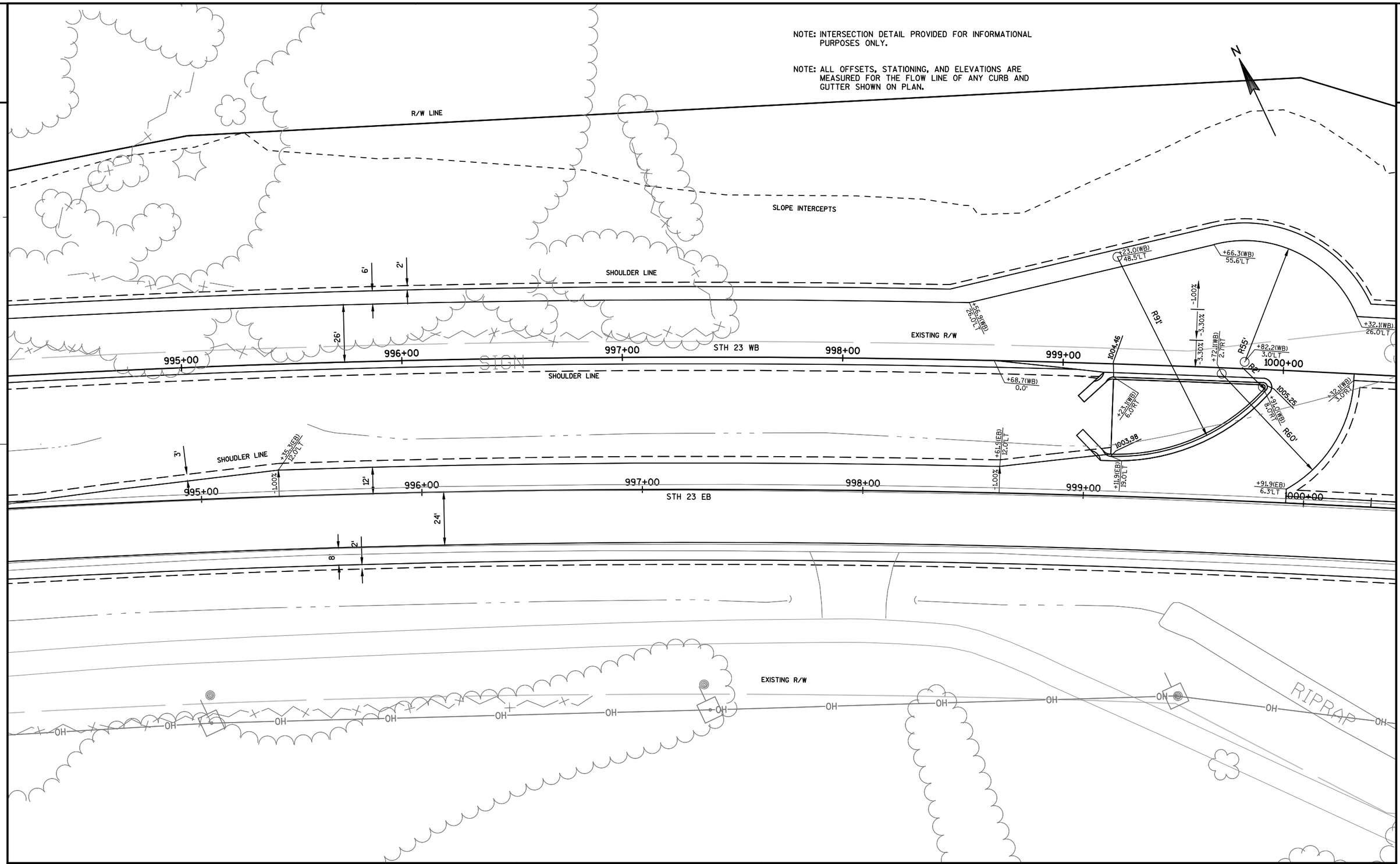


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - CTH A	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\CTH A\CTH A.DWG PLOT DATE : 10/2/2014 8:05 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - CTH A - J TURN	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\CTH A - J TURN\CTH A J TURN.DWG
PLOT DATE : 10/2/2014 8:07 AM
PLOT BY : MAY, MATTHEW J
PLOT NAME :
PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 42

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

R/W LINE

SLOPE INTERCEPTS

SHOULDER LINE

STH 23 WB

STH 23 EB

1010+00 1011+00 1012+00 1013+00 1014+00 1015+00 1016+

STA 1014+14.84 STH 23 EB
STA 50+00 PLANK ROAD

EP: 49+99.97

BEGIN CONSTRUCTION
STA 48+00.0
SAW CUT REQ'D

PC: 47+32.63

48+00

49+00

PLANK ROAD

OLD PLANK TRAIL

EXISTING R/W

CAUTION

SIGN

PIPL

OH

1029.82 1031.21 1029.89 1030.93 1032.41 1034.54

R125' R43' R58'

+31.6(EB) 36.0'RT
+41.6(EB) 36.0'RT
+93.5(EB) 0.0'
+98.6(EB) 24.0'RT
+59.9(EB) 74.2'RT
+38.6(EB) 84.3'RT
+90.0
+15.4
+81.0 15.6'LT
+59.6 10.0'RT
+30.7 25.9'RT
+27.5
+98.6(EB) 38.0'RT
+43.5(EB) 12.0'LT

36' 26' 6' 3' 3' 3' 3' 3' -2.00% 2.00%

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - PLANK ROAD	SHEET 47	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\PLANK RD\PLANKRD.DWG PLOT DATE : 10/22/2014 8:17 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

RUIN

R/W LINE

SLOPE INTERCEPTS

EXISTING R/W

PC: 50+83.62

PT: 51+18.93

END CONSTRUCTION
STA 51+39
SAW CUT REQ'D

EP: 53+78.12

N

CASTLE ROCK COURT

52+00

53+00

51+00

+48.6(WB)
77.9'LT

R78'

+77.8

1097.10

+75.3
15.5'LT

1097.32

+72.9
15.4'RT

+57.5

R48'

+64.3(WB)
85.9'LT

STA 1031+01.96 STH 23 EB
STA 50+00 CASTLE ROCK COURT

SHOULDER LINE

1096.16

1097.70

+47.5(WB)
39.9'LT

1098.20

1100.12

+59.2(WB)
26.0'LT

+51.9(WB)
36.0'LT

+71.9(WB)
36.0'LT

+82.8

R78'

+91.3(WB)
79.2'LT

3'

SHOULDER LINE

2.00%

2.00%

2.00%

48'

+49.5(WB)
0.0'

+1.1'

+26.5(WB)
11.8'LT

BP: 50+00.00

+00

1029+00

1030+00

1031+00

STH 23 WB

1032+00

1033+00

1034+00

SHOULDER LINE

R58'

1096.25

+35.7(WB)
12.2'RT

+52.4(WB)
29.9'RT

R3'

1101.60

1105.57

+39.9(WB)
28.2'RT

+71.3(WB)
14.0'RT

+71.1(WB)
14.0'RT

SHOULDER LINE

PC: 1028+99.16

1091.77

1093.19

1095.81

1097.09

1100.04

1100.02

+41.2(EB)
27.8'LT

1101.51

+32.4(EB)
13.8'LT

+32.4(EB)
14.0'LT

+64.7(EB)
15.8'LT

+64.9(EB)
0.0'

-1.00%

1028+00

1030+00

1031+00

STH 23 EB

BP: 0+00.00

1032+00

1033+00

1034+00

24'

8'

2'

SHOULDER LINE

-2.00%

SHOULDER LINE

R78'

+11.3

+14.6(EB)
21.1'RT

+56.0(EB)
36.0'RT

1097.20

1098.28

R58'

+24.7

+69.4(EB)
36.0'RT

+79.7(EB)
11.6'RT

1101.74

+69.2(EB)
24.0'RT

JULIE COURT

1098.99

1098.49

R58'

+77.0
15.9'LT

1098.45

+67.9(EB)
76.0'RT

+90.3

STA 1031+01.50 STH 23 EB
STA 0+00 JULIE COURT

R48'

+75.9

+52.4(EB)
85.9'RT

+72.4
15.7'RT

PC: 0+78.93

1+00

END CONSTRUCTION
STA 1+06.4
SAW CUT REQ'D

OLD PLANK TRAIL

OH

OH

OH

DESIGN

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - JULIE COURT / CASTLE ROCK COURT	SHEET 48	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\JULIE-CASTLE\JULIE-CASTLE.DWG PLOT DATE : 10/22/2014 8:20 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

2

N

1041 1042 1043 STH 23 WB 1044 1045 1046 1047

STA 1044+20 STH 23 EB
STA 16+41 JULIE COURT

EP: 16+41.21

STH 23 EB

15+00

PT: 15+60.75

OLD PLANK TRAIL

3'

OH

+27.4
30.4'LT
R30'

+55.8
28.9'LT

13+99.11

PT:

R50'

2.00%

PC: 14+30.11

+01.3
8.2'LT

14+00

+34.3
11.3'LT

BEGIN CONSTRUCTION
STA 12+64.2
SAW CUT REQ'D

13+00

JULIE COURT

+45.4
11.7'RT

+62.8
23.4'RT

12+00

R30'

+39.0
40.9'RT

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - JULIE COURT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\JULIE\JULIE.DWG PLOT DATE : 10/2/2014 8:26 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

R/W LINE

Pt: 52+37.54

+37.4 -39.7LT

R27'

R36

+39.5 12.8RT

+11.7 25.8RT

3'

25'

+13.0LT

+28.2LT

+56.7 2.5LT

R53'

-2.00%

-2.00%

Pt: 51+17.69

END CONSTRUCTION
STA 52+85.5
SAW CUT REQ'D

R/W LINE

SLOPE INTERCEPTS

SHOULDER LINE

STH 23 WB

STH 23 EB

SHOULDER LINE

SLOPE INTERCEPTS

SHOULDER LINE

S.T.H. 23

20'

36'

3'

20'

Pt: 50+00.00

+55.5(WB) 11.9LT

R58'

1058

1145.01

+65.7(WB) 14.0RT

1145.29

R3'

+91.7(WB) 29.5RT

+40.5(WB) 0.0

1057

1056

+58.4(EB) 14.0LT

1145.52

1144.94

+66.2(EB) 14.0LT

1145.23

1057

1056

R78'

+47.1(EB) 29.8RT

+33.3

+92.7(EB) 36.0RT

1145.62

+91.2(EB) 38.0RT

1145.65

45'

1145.45

+65.1 -17.4LT

R86'

+57.5

+92.9(EB) 103.5RT

OH

OH

OH

GUY

GUY

GUY POLE

RIDGE ROAD

48'

2'

6'

26'

-2.00%

-2.00%

-2.00%

+41.4(WB) 29.8LT

R78'

1059

1060

1061

1145.47

+34.1(WB) 14.0RT

1145.82

+22.1(WB) 2.0RT

1146.18

1145.62

R3'

1146.02

+96.7(WB) 30.5RT

+23.1(EB) 14.0LT

+48.4(EB) 0.0

1060

1061

+23.4(EB) 24.0RT

1059

R58'

+86.5

+33.0(EB) 11.9RT

+23.4(EB) 38.0RT

1146.02

+95.3(EB) 53.2RT

1145.15

R33'

+36.1

+23.1(EB) 1.0RT

1145.72

+36.4 11.0RT

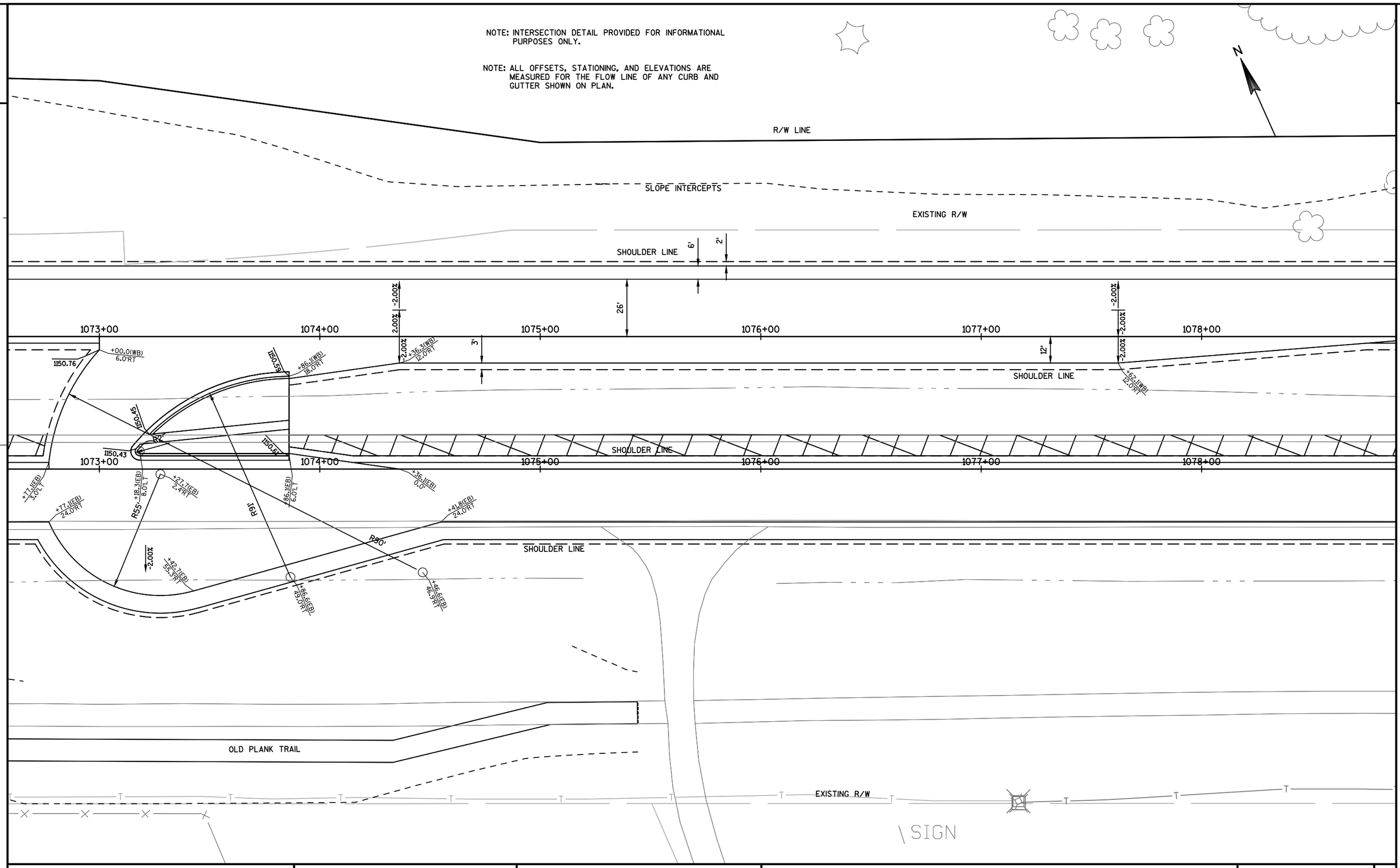
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: 1440-13-71	INTERSECTION DETAIL - RIDGE ROAD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\RIDGERD\RIDGERD.DWG PLOT DATE : 10/2/2014 8:32 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - CTH S - J TURN - WEST	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\CTH S - J TURN - WEST\CTH S - J TURN - WEST.DWG PLOT DATE : 10/2/2014 8:12 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

R/W LINE

SLOPE INTERCEPTS

EXISTING R/W

SHOULDER LINE

STH 23 WB

STA 1086+07 STH 23 WB
STA 50+60 CTH S

PC: 51+32.80

PI: 50+00.00

STH 23 EB

STA 1086+12 STH 23 EB
STA 50+00 CTH S

PT: 49+45.44

OLD PLANK TRAIL

BEGIN CONSTRUCTION
STA 48+42.2
SAW CUT REQ'D

RIP

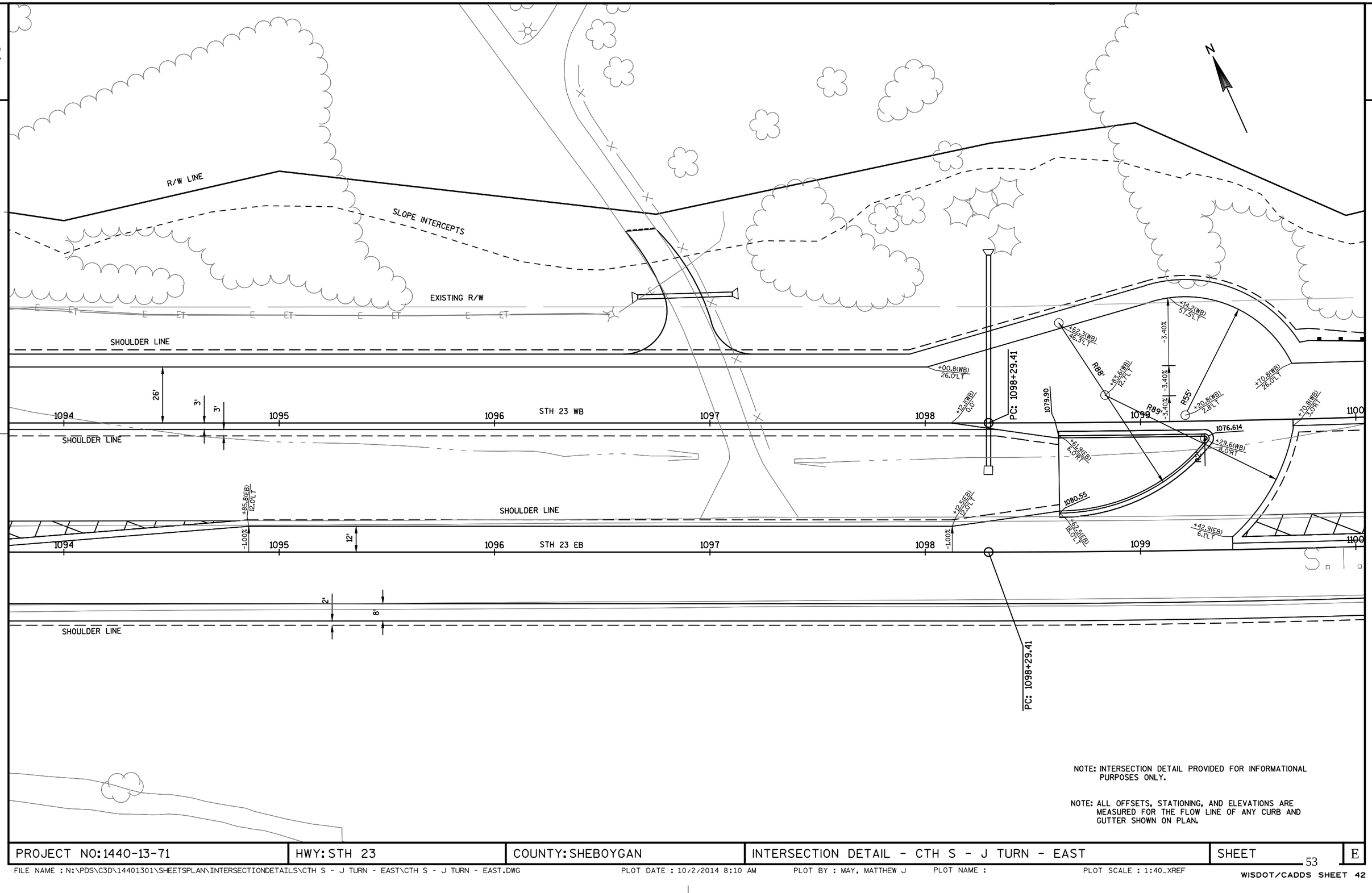
SIGN

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - CTH S	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\CTH S\CTH S.DWG PLOT DATE : 10/2/2014 8:09 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

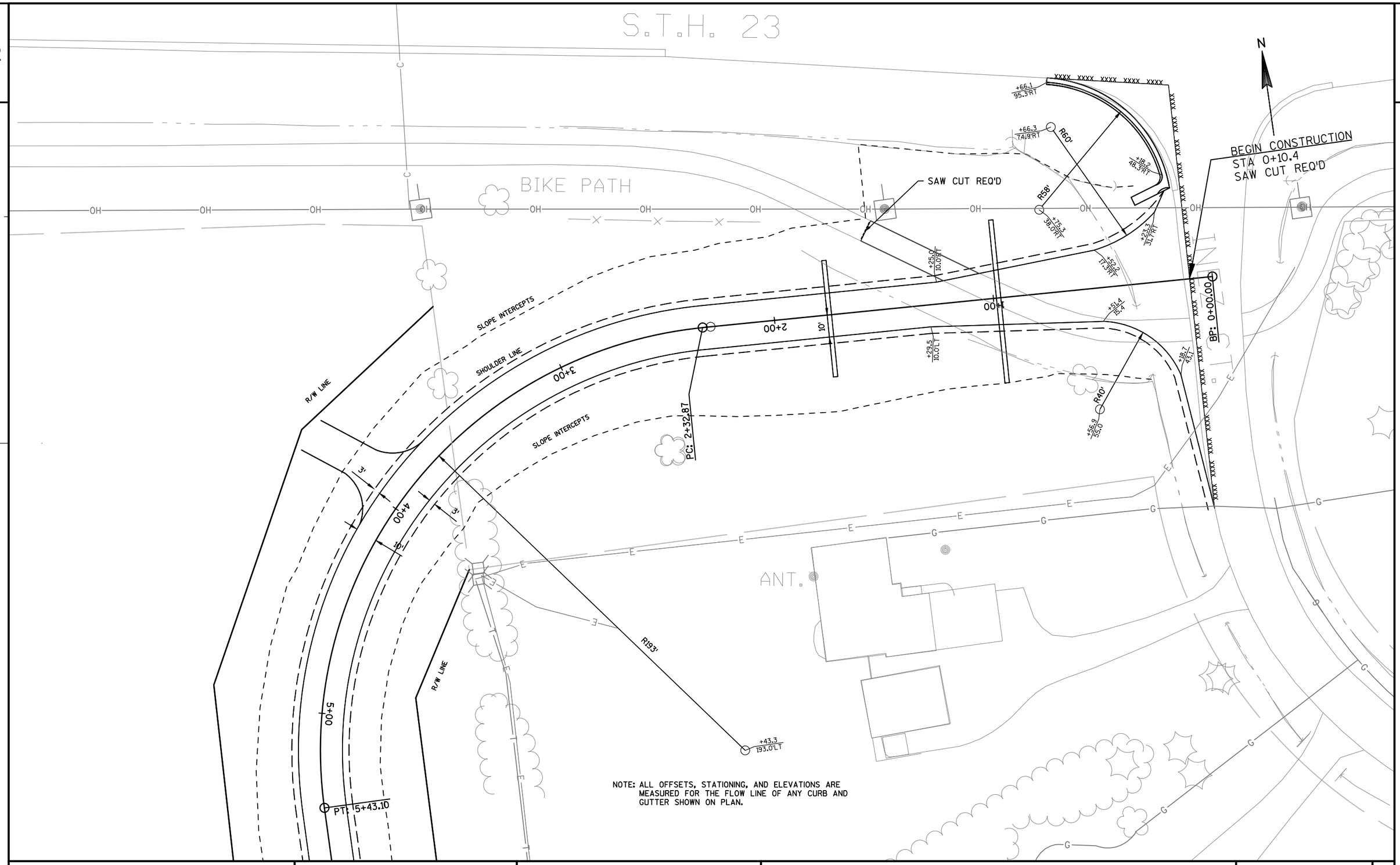
2



NOTE: INTERSECTION DETAIL PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - CTH S - J TURN - EAST	SHEET 53	E



NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - INEZ COURT - BRANCH ROAD	SHEET 54	E

2

N

PT: 29+17.33

EP: 30+48.51

29+00

30+00

28+00

27+00

26+00

921.65

+83.5
15.5'RT

+64.5
17.5'RT

+90.0
10.0

+90.0
10.0'RT

R235'

R212'

R/W LINE

SLOPE INTERCEPTS

SHOULDER LINE

SHOULDER LINE

SLOPE INTERCEPTS

R/W LINE

BRANCH RD.

END CONSTRUCTION
STA 29+64.5
SAW CUT REQ'D

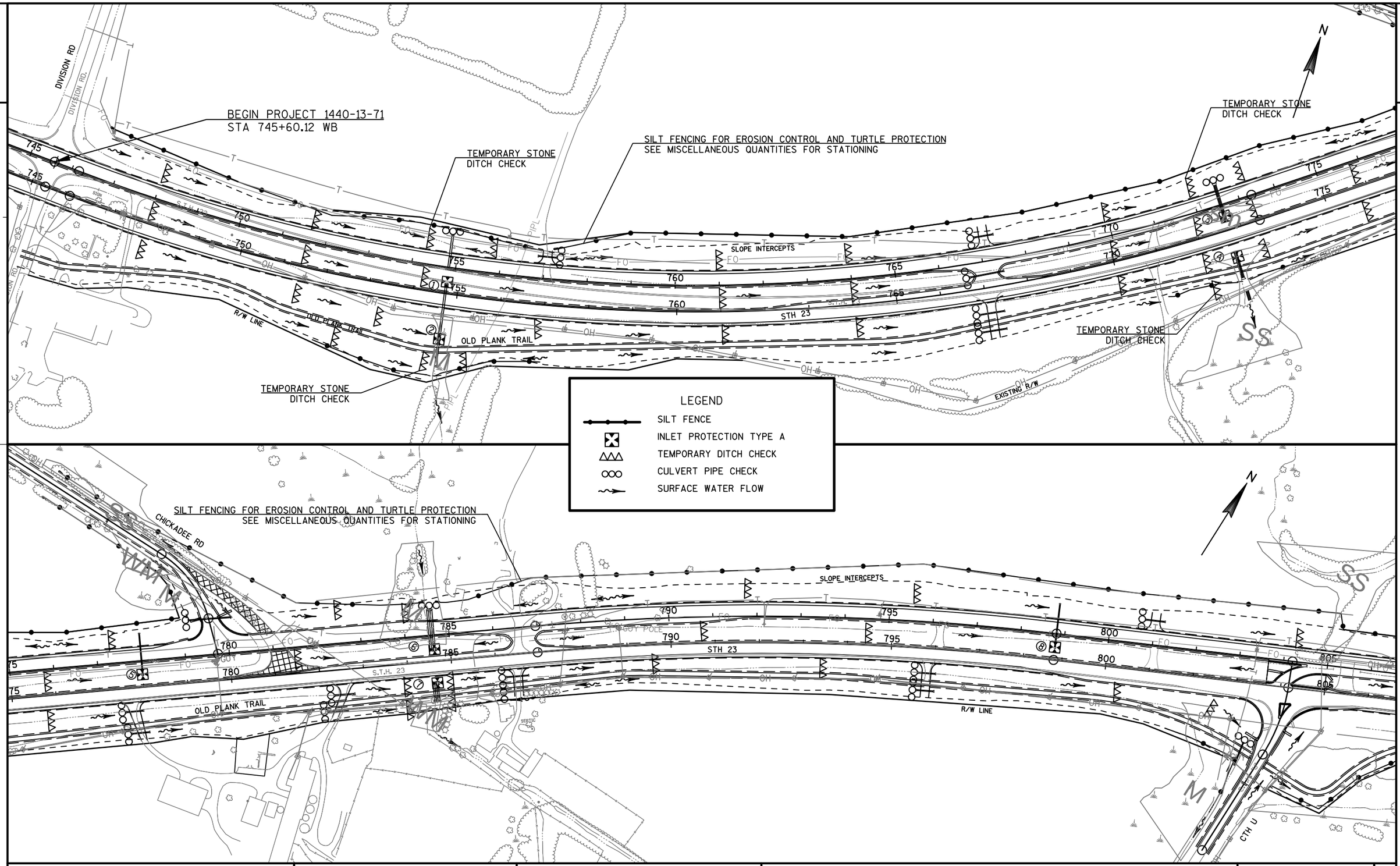
MH

MH

NOTE: ALL OFFSETS, STATIONING, AND ELEVATIONS ARE MEASURED FOR THE FLOW LINE OF ANY CURB AND GUTTER SHOWN ON PLAN.

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	INTERSECTION DETAIL - INEZ COURT - BRANCH ROAD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\INTERSECTIONDETAILS\INEZ-BRANCH\INEZ-BRANCH.DWG PLOT DATE : 10/22/2014 8:24 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:40_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL TEMPORARY	SHEET	E

2

TEMPORARY STONE
DITCH CHECK

SILT FENCING FOR EROSION CONTROL AND TURTLE PROTECTION
SEE MISCELLANEOUS QUANTITIES FOR STATIONING

SUNRISE RD

S.T.H. 23

STH 23

OLD PLANK TRAIL

R/W LINE

SLOPE INTERCEPTS

LEGEND

- SILT FENCE
- INLET PROTECTION TYPE A
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

SILT FENCING FOR EROSION CONTROL AND TURTLE PROTECTION
SEE MISCELLANEOUS QUANTITIES FOR STATIONING

TEMPORARY STONE
DITCH CHECK

EXISTING R/W

SPRING VALLEY DR

TEMPORARY STONE
DITCH CHECK

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL TEMPORARY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECTEMPORARY.DWG PLOT DATE : 12/15/2014 12:32 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

SILT FENCING FOR EROSION CONTROL AND TURTLE PROTECTION
SEE MISCELLANEOUS QUANTITIES FOR STATIONING

SLOPE INTERCEPTS

R/W LINE

EXISTING R/W

STH 23

S.T.H. 23

SCENIC VIEW DR

OLD PLANK TRAIL

LEGEND

- SILT FENCE
- INLET PROTECTION TYPE A
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

TEMPORARY STONE
DITCH CHECK

SILT FENCING FOR EROSION CONTROL AND TURTLE PROTECTION
SEE MISCELLANEOUS QUANTITIES FOR STATIONING

TEMPORARY STONE
DITCH CHECK

CTH T

RIPRAP

SEPTIC

WELL

N

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL TEMPORARY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECTEMPORARY.DWG
PLOT DATE : 12/15/2014 12:33 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

SILT FENCING FOR EROSION CONTROL AND TURTLE PROTECTION
SEE MISCELLANEOUS QUANTITIES FOR STATIONING

SLOPE INTECEPTS

STH 23 S.T.H. 23

OLD PLANK TRAIL

R/W LINE

CTH T SOUTH (PLANK RD)

LEGEND

- SILT FENCE
- INLET PROTECTION TYPE A
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

SILT FENCING FOR EROSION CONTROL AND TURTLE PROTECTION
SEE MISCELLANEOUS QUANTITIES FOR STATIONING

TEMPORARY STONE DITCH CHECK

TEMPORARY STONE DITCH CHECK

SUGARUSH RD

SLOPE INTERCEPTS

OLD PLANK TRAIL

EXISTING R/W

PLANK RD

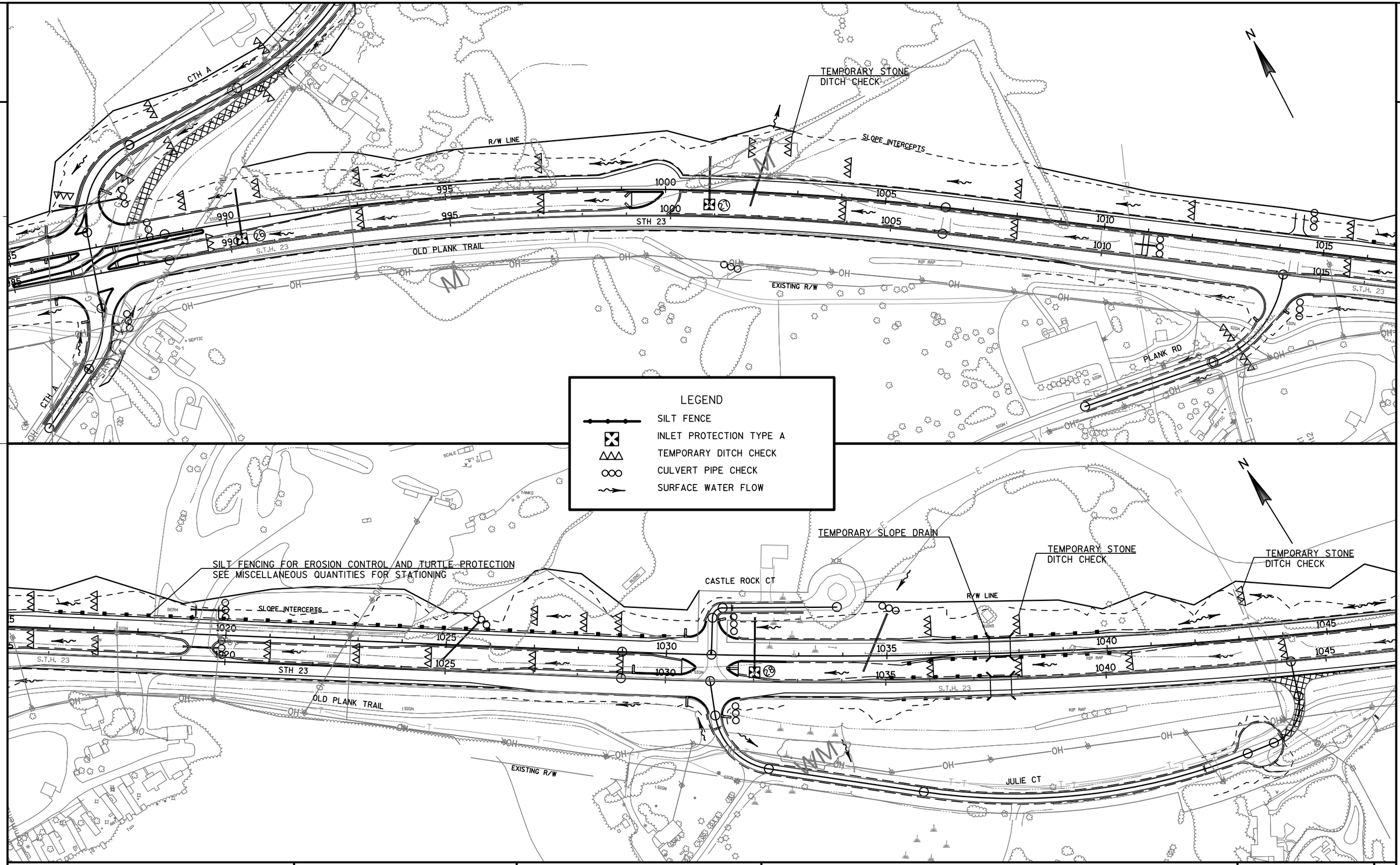
CTH A

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL TEMPORARY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECTEMPORARY.DWG PLOT DATE : 12/15/2014 12:34 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

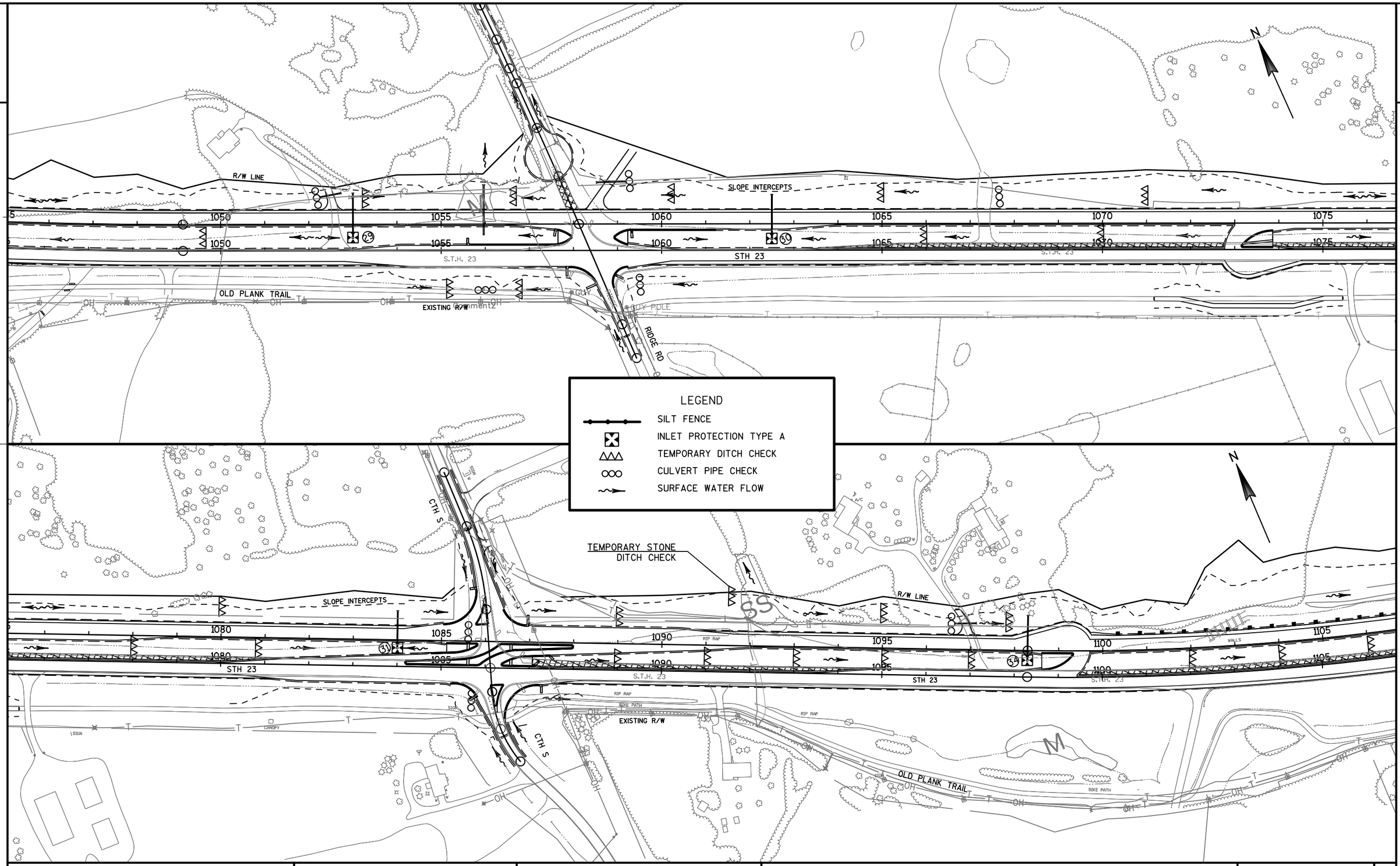
2



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL TEMPORARY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECTEMPORARY.DWG PLOT DATE : 12/15/2014 12:35 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL TEMPORARY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECTEMPORARY.DWG PLOT DATE : 12/15/2014 12:36 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

TWINKLE LN

TEMPORARY STONE DITCH CHECK

R/W LINE

SLOPE INTERCEPTS

TWINKLE LN

VALLEY LN

1110 1115 1120 1125 1130 1135

S.T.H 23 STH 23

OLD PLANK TRAIL

BIKE PATH

EXISTING R/W

COARY LN

N

LEGEND

- SILT FENCE
- INLET PROTECTION TYPE A
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

R/W LINE

SLOPE INTERCEPTS

VALLEY LN

CTH P

1125 1130 1135 1140 1145 1149

STH 23

S.T.H. 23

OLD PLANK TRAIL

BIKE PATH

EXISTING R/W

END PROJECT 1440-13-71
STA 1137+51.15 WB

PIONEER RD

CORN CRIB

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL TEMPORARY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECTEMPORARY.DWG PLOT DATE : 12/15/2014 12:37 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

EXISTING R/W

S.T.H. 23

STH 23

OLD PLANK TRAIL

INEZ - BRANCH RD

R/W LINE

INEZ CT

INEZ CT.

SLOPE INTERCEPTS

15

20

30+00

RIPRAP

RUINS

PIER

POOL

A/C

ANT.

SIGN

BIKE PATH

OH

T

G

E

W

MH

LEGEND

- SILT FENCE
- INLET PROTECTION TYPE A
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

WELL

SEPV

SANDSTONE LANE

R/W LINE

SLOPE INTERCEPTS

EXISTING R/W

GUY

WS

SS

2

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL TEMPORARY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECTEMPORARY.DWG PLOT DATE : 12/15/2014 12:38 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

BEGIN PROJECT 1440-13-71
STA 745+60.12 WB

DIVISION RD

NOTE;
APPLY ONE ROW OF EROSION
MAT ALONG ALL DITCH BOTTOMS.

WEEPING SLOPE (760+00 - 766+00)
SEE CONSTRUCTION DETAIL

R/W LINE

SLOPE INTERCEPTS

STH 23

OLD PLANK TRAIL

EXISTING R/W

LEGEND

########	DOUBLE NETTED LIGHT DUTY EROSION MAT CLASS 1, TYPE B
	MEDIUM RIP RAP-NOTED OTHERWISE
	SURFACE WATER FLOW

NOTE;
APPLY ONE ROW OF EROSION
MAT ALONG ALL DITCH BOTTOMS.

CHICKADEE RD

SLOPE INTERCEPTS

EXISTING R/W

R/W LINE

OLD PLANK TRAIL

S.T.H. 23

CTH U

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL PERMANENT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECPERMANENT.DWG PLOT DATE : 10/20/2014 10:33 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

NOTE;
APPLY ONE ROW OF EROSION
MAT ALONG ALL DITCH BOTTOMS.

LEGEND

DOUBLE NETTED LIGHT DUTY EROSION MAT CLASS 1, TYPE B

MEDIUM RIP RAP-NOTED OTHERWISE

SURFACE WATER FLOW

R/W LINE
SLOPE INTERCEPTS
OLD PLANK TRAIL
R/W LINE
SUNRISE RD
S.T.H. 23
STH 23
EXISTING R/W
RUINS
SIGN
GUY POLE
SPRING VALLEY DR

NOTE;
APPLY ONE ROW OF EROSION
MAT ALONG ALL DITCH BOTTOMS.

R/W LINE
SLOPE INTERCEPTS
OLD PLANK TRAIL
STH 23
S.T.H. 23
EXISTING R/W
SPRING VALLEY DR
GUY POLE
RUINS

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL PERMANENT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECPERMANENT.DWG PLOT DATE : 10/20/2014 10:34 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

NOTE;
APPLY ONE ROW OF EROSION
MAT ALONG ALL DITCH BOTTOMS.

WEEPING SLOPE (870+00-876+00)
SEE CONSTRUCTION DETAIL

WEEPING SLOPE(914+00-918+00 OLD PLANK TRAIL)
SEE CONSTRUCTION DETAIL

SCENIC VIEW RD

R/W LINE

OLD PLANK TRAIL

SLOPE INTERCEPTS

STH 23

S.T.H. 23

LEGEND

########	DOUBLE NETTED LIGHT DUTY EROSION MAT CLASS 1, TYPE B
	MEDIUM RIP RAP-NOTED OTHERWISE
	SURFACE WATER FLOW

NOTE:
APPLY ONE ROW OF EROSION
MAT ALONG ALL DITCH BOTTOMS.

WEEPING SLOPE (906+50-910+00)
SEE CONSTRUCTION DETAIL

CTH T

OLD PLANK TRAIL

SLOPE INTERCEPTS

R/W LINE

STH 23

S.T.H. 23

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL PERMANENT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECPERMANENT.DWG PLOT DATE : 10/20/2014 10:34 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

NOTE;
APPLY ONE ROW OF EROSION
MAT ALONG ALL DITCH BOTTOMS.

WEEPING SLOPE (943+00-949+00)
SEE CONSTRUCTION DETAIL

R/W LINE

STH 23

S.T.H. 23

OLD PLANK TRAIL

SLOPE INTERCEPTS

PLANK RD

SURGARBUSH RD

GUY POLE

EXISTING R/W

MULLET R.

NOTE;
APPLY ONE ROW OF EROSION
MAT ALONG ALL DITCH BOTTOMS.

LEGEND

DOUBLE NETTED LIGHT DUTY EROSION MAT CLASS 1, TYPE B

MEDIUM RIP RAP-NOTED OTHERWISE

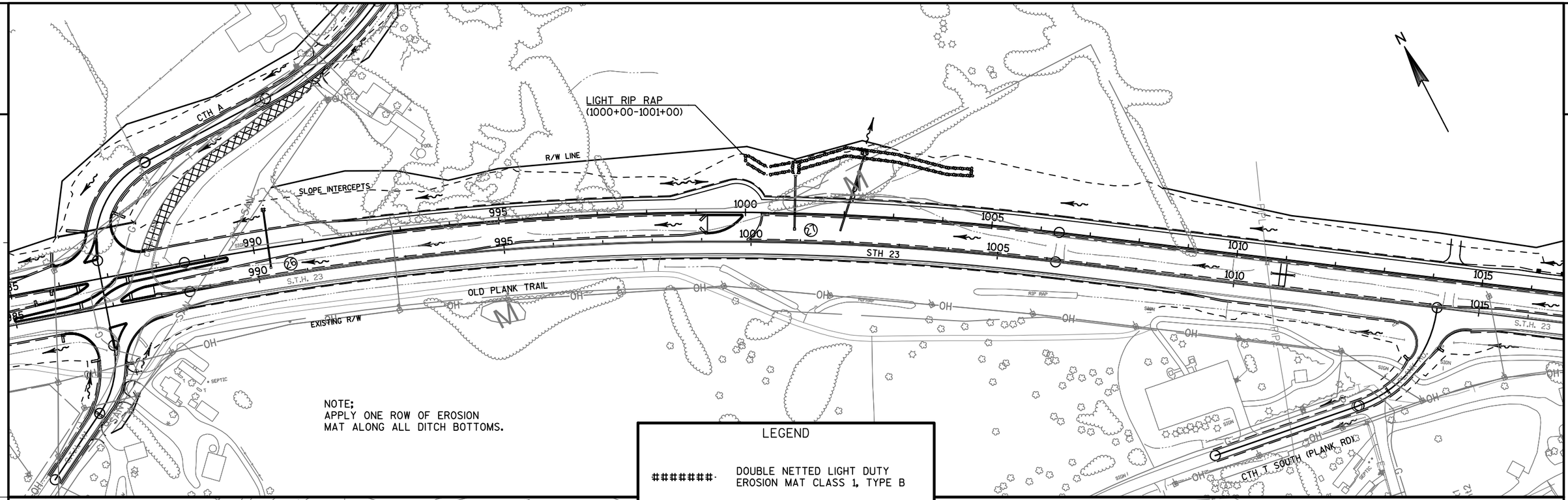
SURFACE WATER FLOW

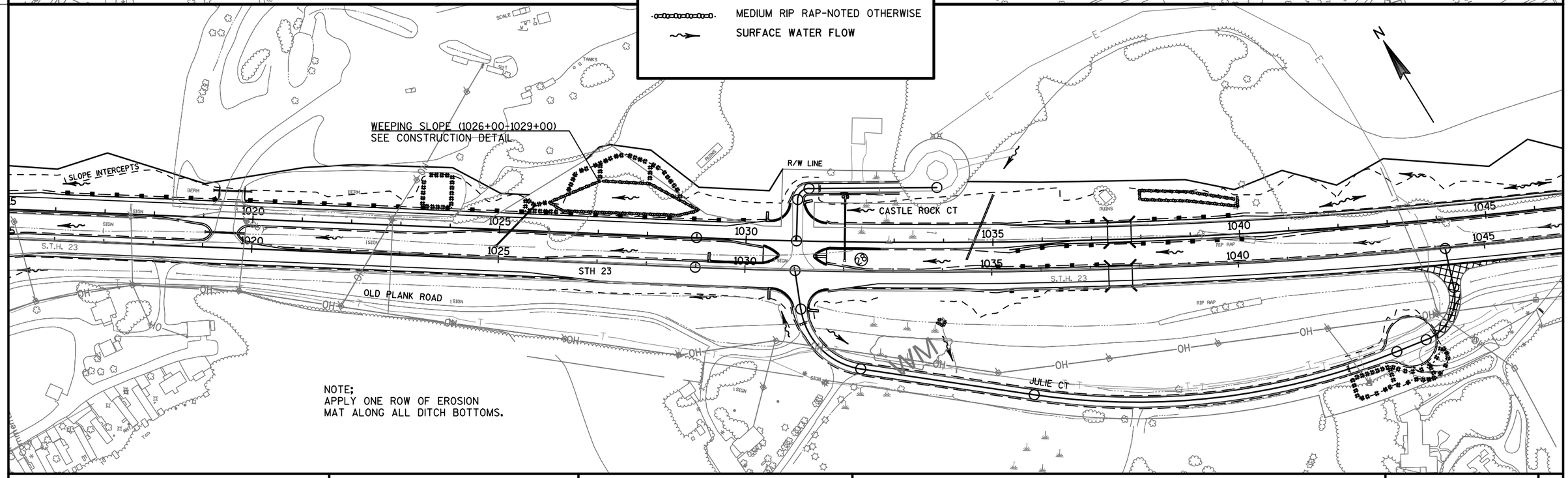
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL PERMANENT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECPERMANENT.DWG PLOT DATE : 10/20/2014 10:35 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2





PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL PERMANENT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECPERMANENT.DWG PLOT DATE : 10/20/2014 10:36 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

NOTE:
APPLY ONE ROW OF EROSION
MAT ALONG ALL DITCH BOTTOMS.

RIDGE RD

R/W LINE

SLOPE INTERCEPTS

S.T.H. 23

OLD PLANK TRAIL

GUY POLE

Comment2

LEGEND

########	DOUBLE NETTED LIGHT DUTY EROSION MAT CLASS 1, TYPE B
	MEDIUM RIP RAP-NOTED OTHERWISE
	SURFACE WATER FLOW

CTH S

WEEPING SLOPE (1098+00-1099+00
SEE CONSTRUCTION DETAIL

EXTRA-HEAVY RIP RAP
(1098+00-1109+75)

RIP RAP

BIKE PATH

EXISTING R/W

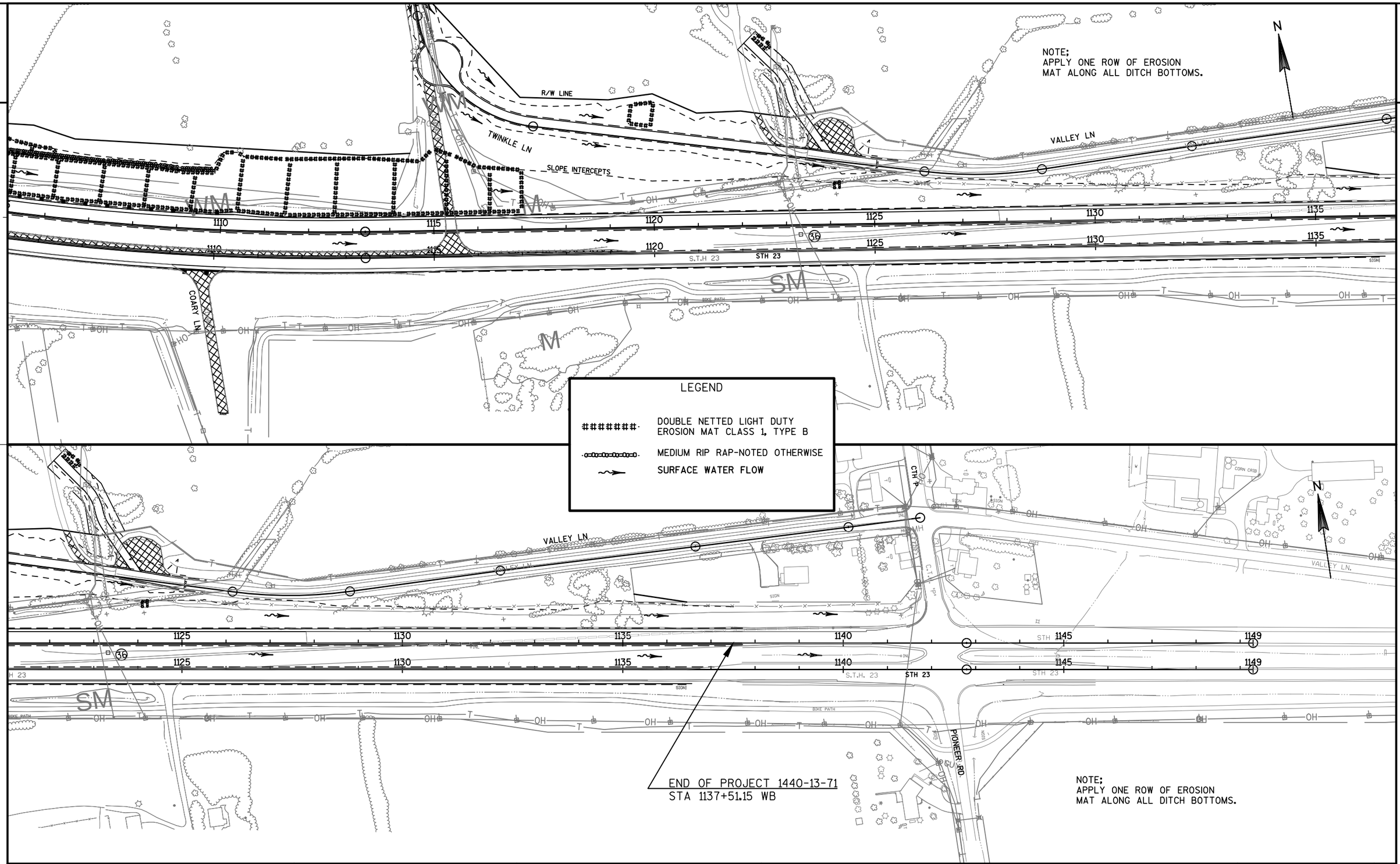
CANOPY

SIGN

NOTE:
APPLY ONE ROW OF EROSION
MAT ALONG ALL DITCH BOTTOMS.

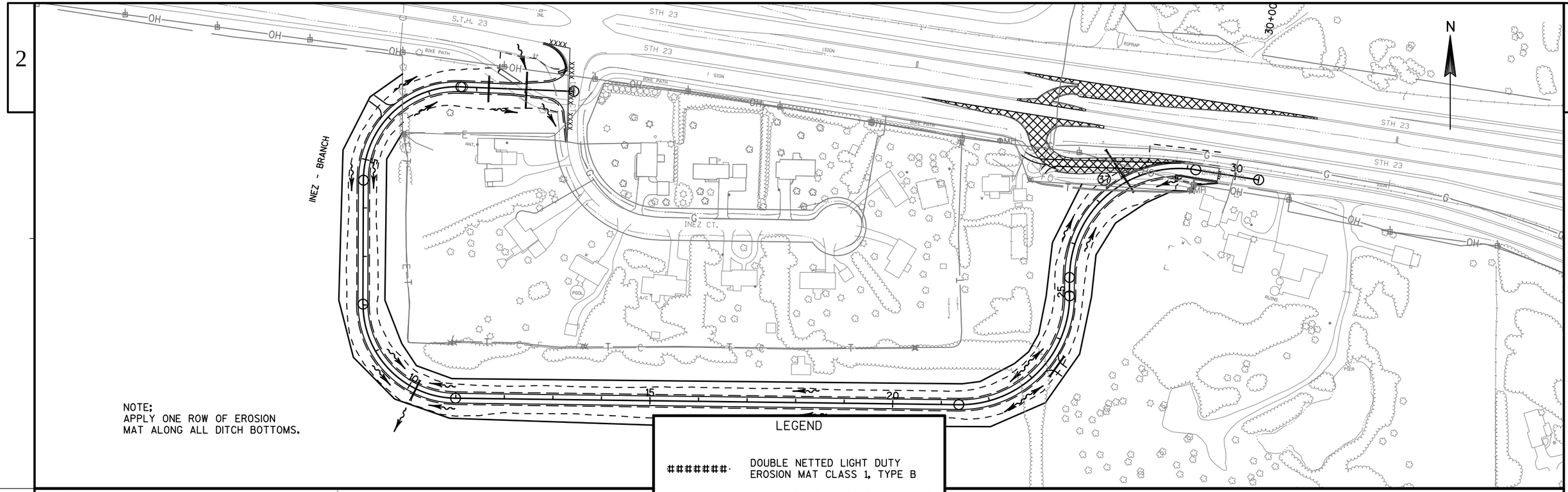
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL PERMANENT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECPERMANENT.DWG PLOT DATE : 10/20/2014 10:37 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42



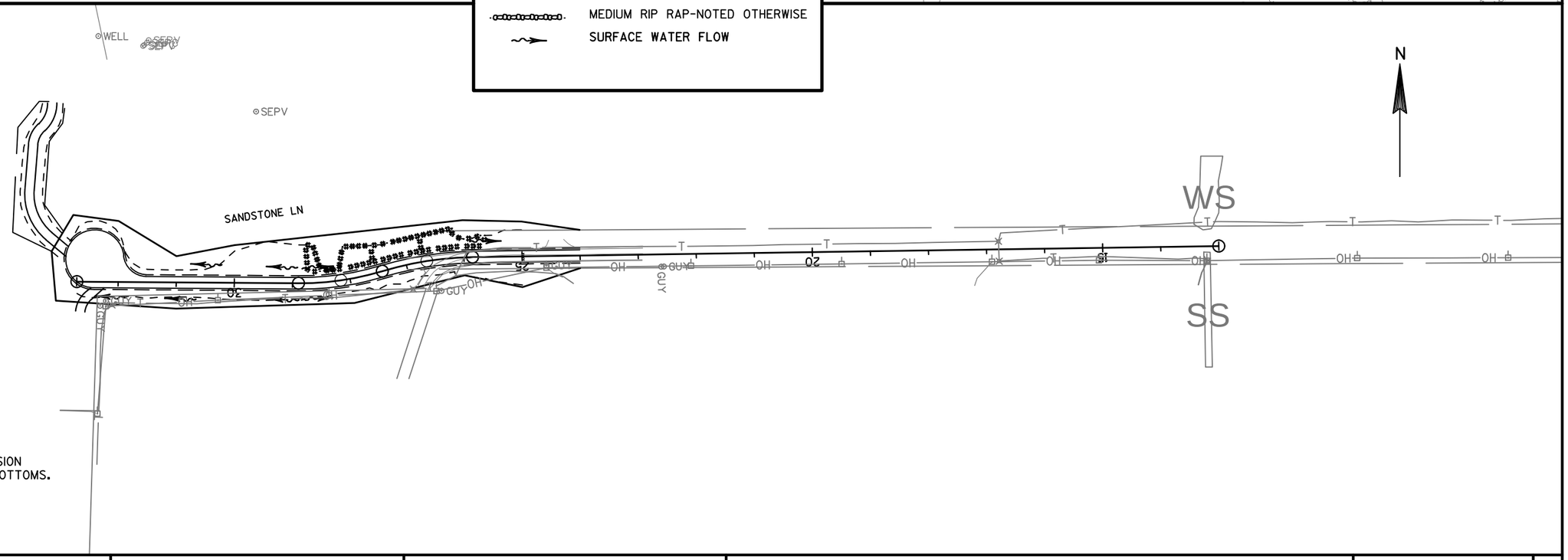
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL PERMANENT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECPERMANENT.DWG PLOT DATE : 10/20/2014 10:38 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT



LEGEND

########	DOUBLE NETTED LIGHT DUTY EROSION MAT CLASS 1, TYPE B
	MEDIUM RIP RAP-NOTED OTHERWISE
	SURFACE WATER FLOW



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	EROSION CONTROL PERMANENT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\EROSIONCONTROL\022001ECPERMANENT.DWG PLOT DATE : 10/20/2014 10:39 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

TRAFFIC CONTROL NOTES

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, DISTANCE TO EXISTING SIGNS.

ALL SIGNS ARE 48" X 48" 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 AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

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.

REDUCED SPEED AHEAD AND SPEED LIMIT 55 SIGNS MUST BE POST MOUNTED.

SPEED LIMIT SIGNS SHALL ALSO BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP AND AT 0.5 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER

THE LOCATION OF THE FIRST SIGN INDICATING THE 55 MPH REGULATORY SPEED LIMIT IS REFERENCED FROM BEGINNING OF LANE CLOSURE TAPER. THE 55 MPH REGULATORY SPEED LIMIT SIGN LOCATION MUST BE ADJUSTED WHEN CONSTRUCTION ACTIVITIES REQUIRE THE LANE CLOSURE START LOCATION TO CHANGE.

THE WORK AREA WILL BEGIN AT 745+60.12 WITH THE LANE ADDITION BEGINNING AT 746+00.

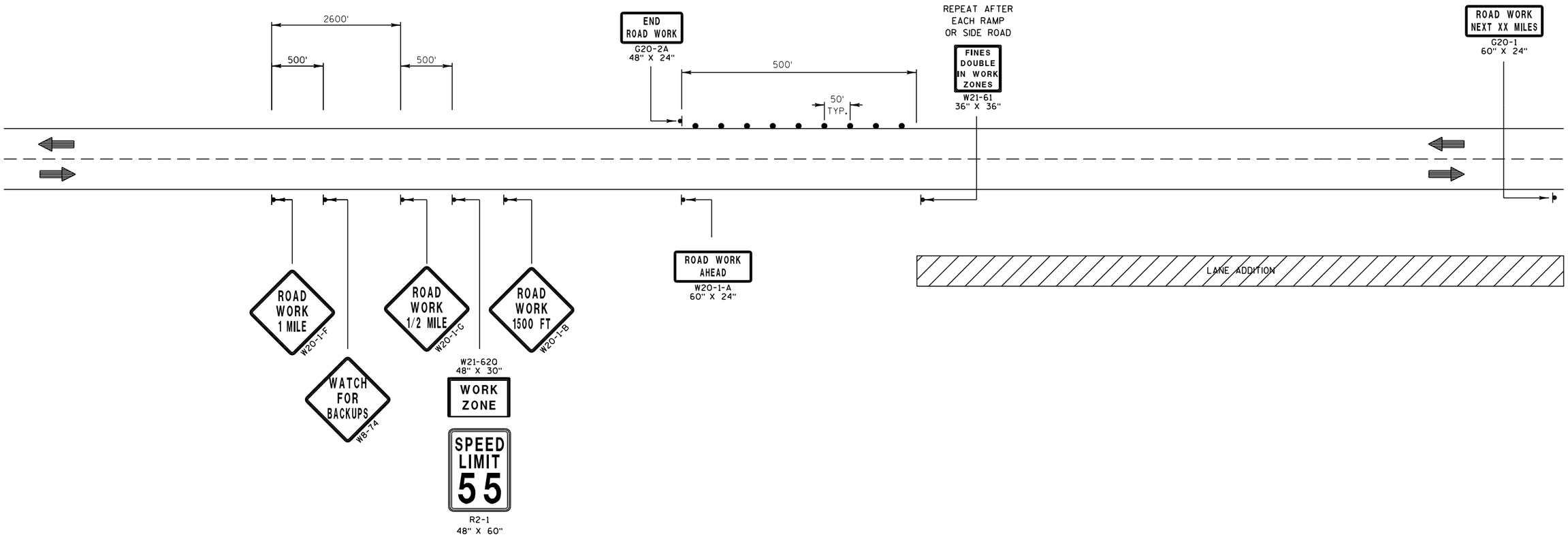
REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

IF LANE CLOSURE IS MORE THAN 1 MILE, PLACE A TYPE III BARRICADE APPROXIMATELY EVERY 1/2 MILE ACROSS THE CLOSED LANE TO HELP ENFORCE THE DRUM LINE.

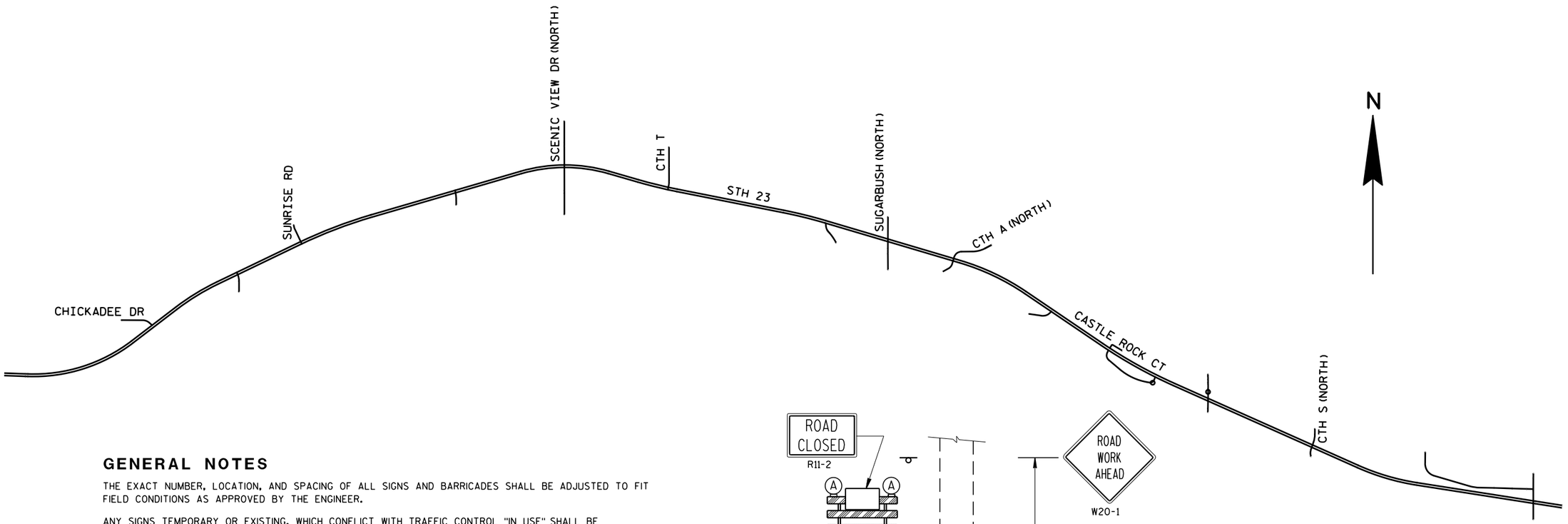
2



WORK ZONE - BEGINNING/END STAGE 1

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	TRAFFIC CONTROL DETAIL	SHEET 72	E

2



GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

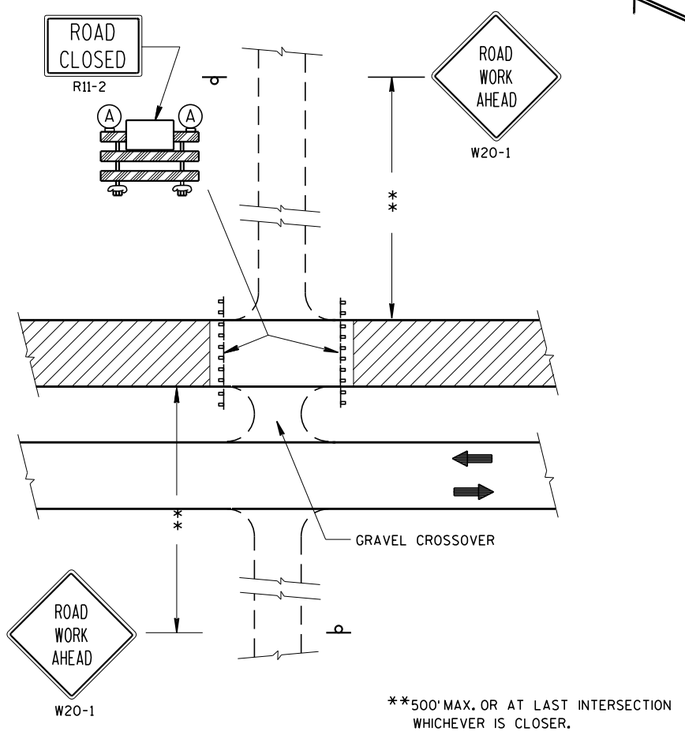
ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3 AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

THE REFLECTIVE SHEETING USED ON R11-2, R11-3 AND R11-4 SIGNS SHALL COMPLY WITH SUBSECTION 637.2.2.2 OF THE STANDARD SPECIFICATIONS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".



**500' MAX. OR AT LAST INTERSECTION WHICHEVER IS CLOSER.

LEGEND

- POST MOUNTED WARNING SIGN
- TYPE III BARRICADES
- (A) TYPE "A" LOW INTENSITY FLASHING WARNING LIGHT (FOR NIGHT USE)
- WORK AREA

DETAIL 2 (WB LANE CLOSURE)

(PUBLIC CROSS-TRAFFIC MAINTAINED. NO ACCESS TO PROJECT).

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	TRAFFIC CONTROL DETAIL	SHEET 73	E

2

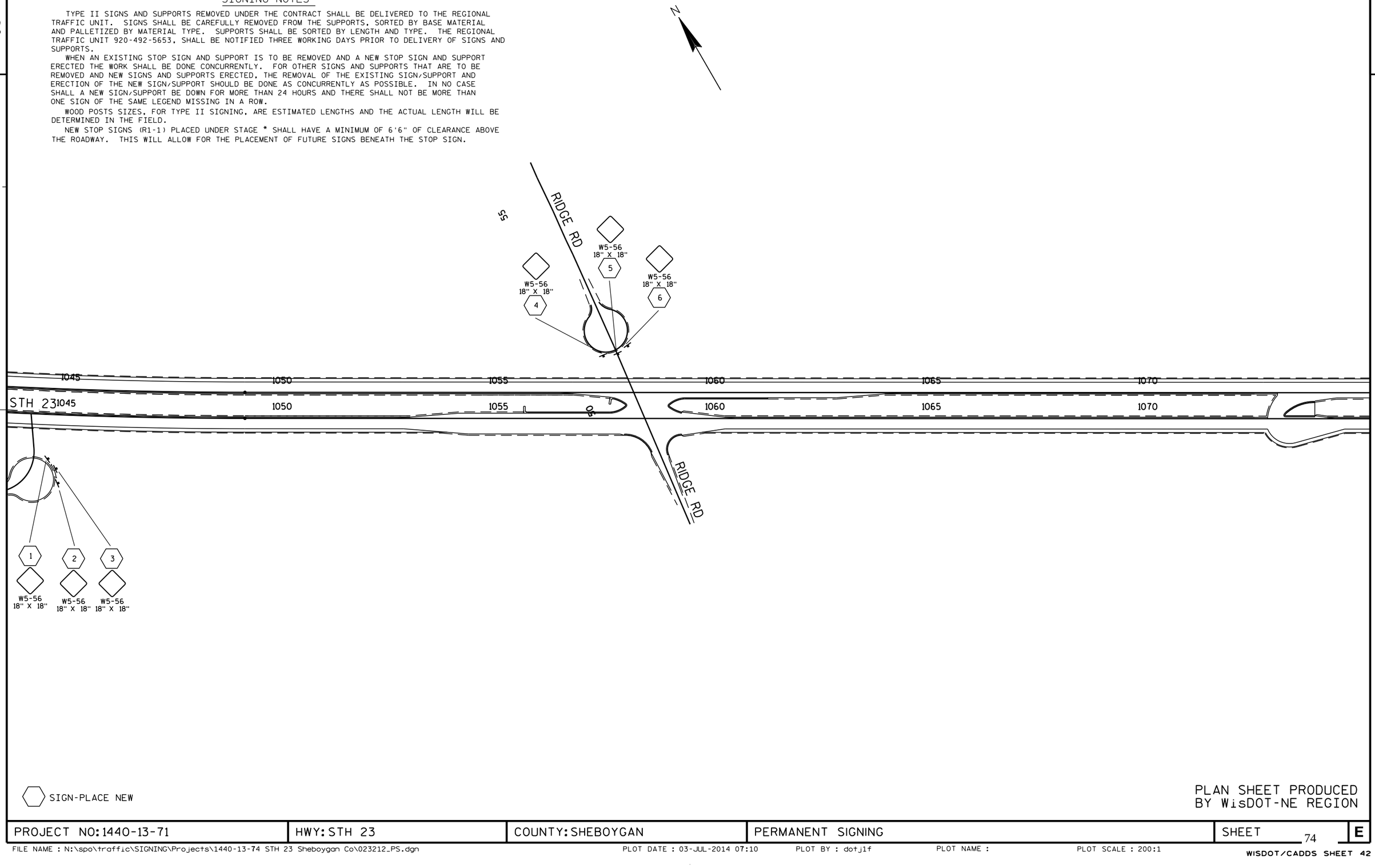
SIGNING NOTES

TYPE II SIGNS AND SUPPORTS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE REGIONAL TRAFFIC UNIT. SIGNS SHALL BE CAREFULLY REMOVED FROM THE SUPPORTS, SORTED BY BASE MATERIAL AND PALLETIZED BY MATERIAL TYPE. SUPPORTS SHALL BE SORTED BY LENGTH AND TYPE. THE REGIONAL TRAFFIC UNIT 920-492-5653, SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF SIGNS AND SUPPORTS.

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

NEW STOP SIGNS (R1-1) PLACED UNDER STAGE * SHALL HAVE A MINIMUM OF 6'6" OF CLEARANCE ABOVE THE ROADWAY. THIS WILL ALLOW FOR THE PLACEMENT OF FUTURE SIGNS BENEATH THE STOP SIGN.



SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PERMANENT SIGNING	SHEET 74	E

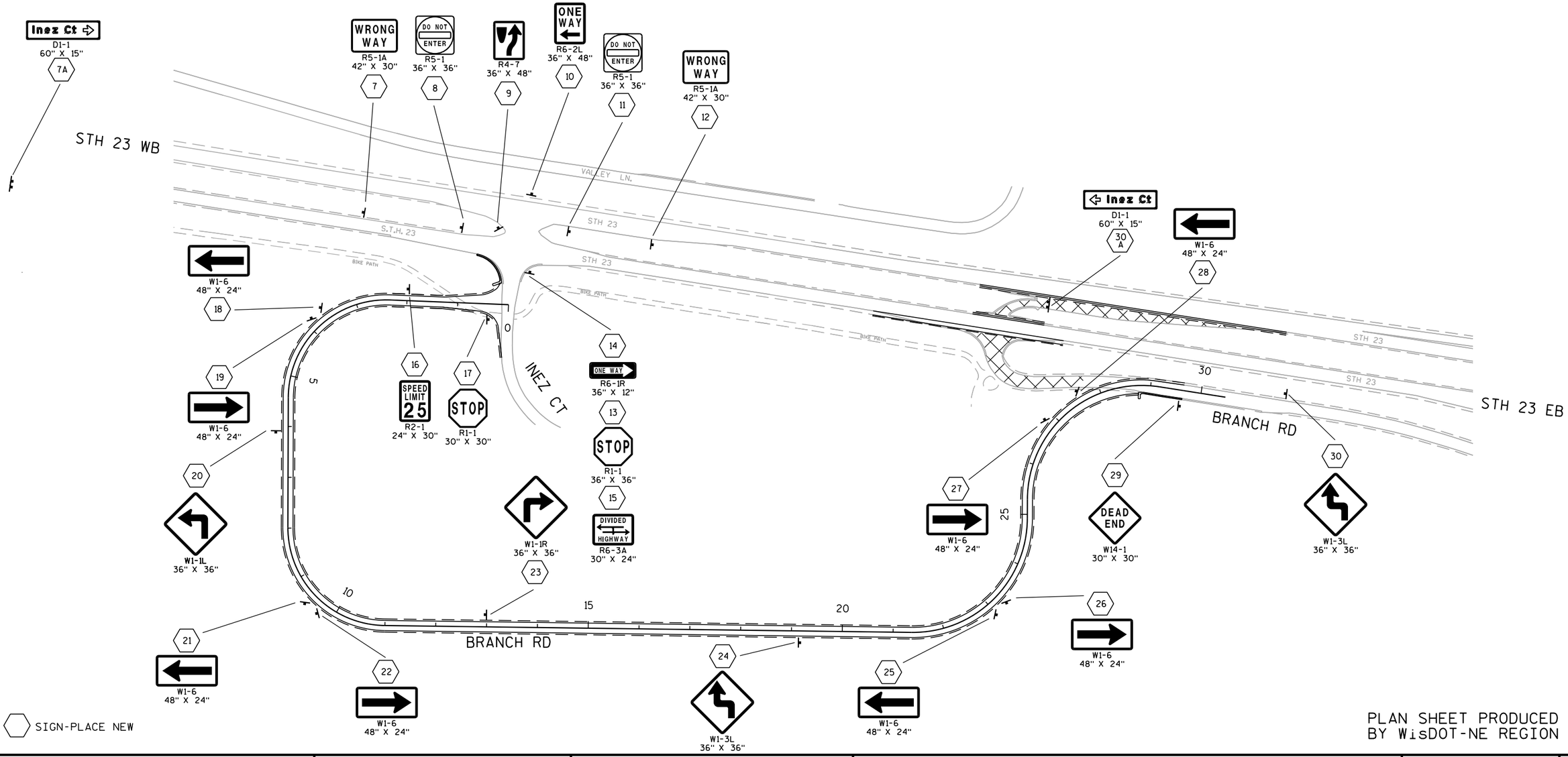
SIGNING NOTES

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WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

NEW STOP SIGNS (R1-1) PLACED UNDER STAGE * SHALL HAVE A MINIMUM OF 6'6" OF CLEARANCE ABOVE THE ROADWAY. THIS WILL ALLOW FOR THE PLACEMENT OF FUTURE SIGNS BENEATH THE STOP SIGN.



SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

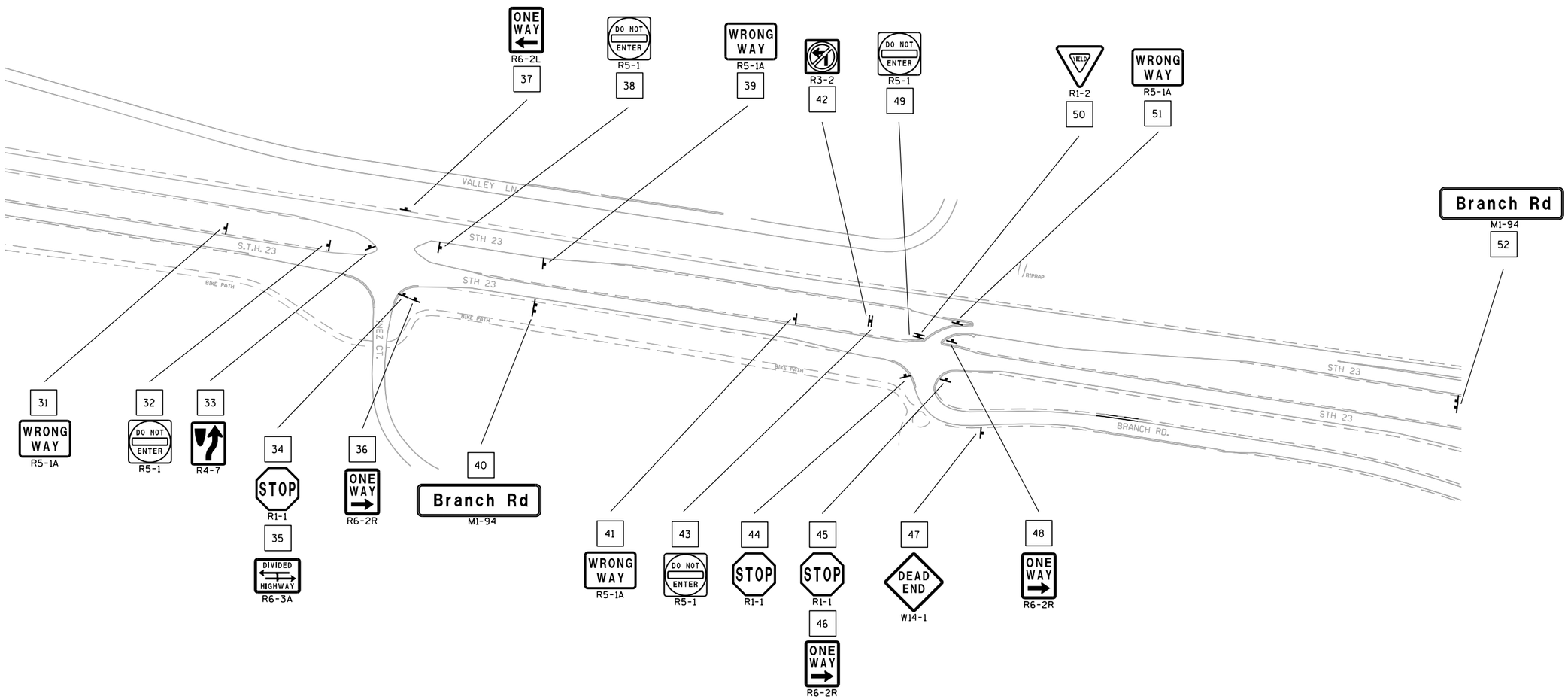
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PERMANENT SIGNING	SHEET 75	E

2

SIGNING NOTES

TYPE II SIGNS AND SUPPORTS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE REGIONAL TRAFFIC UNIT. SIGNS SHALL BE CAREFULLY REMOVED FROM THE SUPPORTS, SORTED BY BASE MATERIAL AND PALLETIZED BY MATERIAL TYPE. SUPPORTS SHALL BE SORTED BY LENGTH AND TYPE. THE REGIONAL TRAFFIC UNIT 920-492-5653, SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF SIGNS AND SUPPORTS.

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SIGN-REMOVE EXISTING

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	SIGN REMOVALS	SHEET 76	E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1440-13-74 STH 23 Sheboygan Co\023223_PS.dgn PLOT DATE : 03-JUL-2014 07:10 PLOT BY : dotj1f PLOT NAME : PLOT SCALE : 200:1

WISDOT/CADDS SHEET 42

2

GENERAL NOTES

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

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.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

TEMPORARY STORAGE OF ANY MATERIAL WILL NOT BE PERMITTED IN WETLANDS OR WATERWAYS OUTSIDE OF THE CONSTRUCTION LIMITS OR WITHIN WATERWAYS EXITING & ENTERING THE SITE.

FERTILIZER SHALL NOT BE USED, UNLESS DIRECTED BY THE ENGINEER.

THE EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER.

EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.

RESHAPING AND SEEDING OF ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY OPERATIONS OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS ARE AT THE CONTRACTOR'S EXPENSE UNLESS DETERMINED OTHERWISE BY THE ENGINEER.

DISTURBED AREAS ARE TO BE TOPSOILED AND TREATED AS SHOWN ON THE EROSION CONTROL PLANS OR AS DIRECTED BY THE ENGINEER.

IN THE EVENT DRAIN TILE IS DISCOVERED DURING EXPLORATION OPERATIONS THE CONTRACTOR SHALL CRUSH OR OTHERWISE DISABLE THE DRAIN TILE WITHIN THE LIMITS OF THE EXPLORATION TRENCH TO RENDER IT INOPERABLE AS APPROVED BY THE ENGINEER. THIS WORK SHALL BE PAID UNDER THE BID ITEMS PROVIDED IN THE CONTRACT.

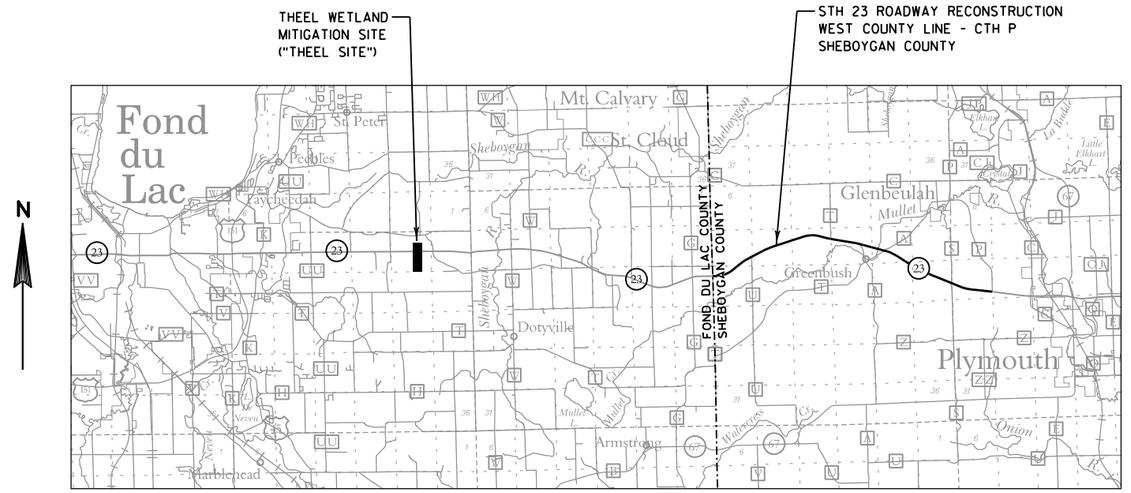
DO NOT DISTURB PROPERTY MONUMENTS SHOWN ON RIGHT-OF-WAY PLAT OR DISCOVERED DURING CONSTRUCTION.

BENCHMARKS & CONTROL FOR STAKING WILL BE PROVIDED BY THE DEPARTMENT.

FLAGGING TRAFFIC ON STH 23 WILL BE ALLOWED DURING CONSTRUCTION OF ACCESS TO THE THEEL SITE, IF REQUIRED.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

FOR TRAFFIC CONTROL DETAILS, SEE STANDARD DETAILS FOR:
- TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD
- TRAFFIC CONTROL, ADVANCED WARNING SIGNS 45 MPH OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC
- TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY



PROJECT OVERVIEW

ORDER OF SHEETS FOR THEEL WETLAND MITIGATION SITE

CONSTRUCTION DETAILS
EXISTING CONDITIONS
GRADING PLAN
EROSION CONTROL
PLANTING PLAN

AGENCY CONTACTS FOR THEEL WETLAND MITIGATION SITE

WISDOT
KATHIE VANPRICE
WISDOT ENVIRONMENTAL UNIT
944 VANDERPERREN WAY
GREEN BAY, WI 54304
(920) 492-7175
KATHIE.VANPRICE@DOT.WI.GOV

DNR AREA LIASON
JAY SCHIEFELBEIN
DEPARTMENT OF NATURAL RESOURCES
2984 SHAWANO AVENUE
GREEN BAY, WI 54313
(920) 360-3784
JEREMIAH.SCHIEFELBEIN@WISCONSIN.GOV

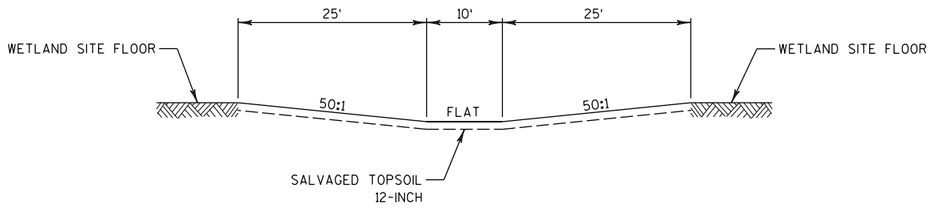
US ARMY CORP OF ENGINEERS
ANN NYE
OLD FORT SQUARE
211 N. BROADWAY, STE. 221
GREEN BAY, WI 54313
(920) 448-2824
ANN.M.NYE@USACE.ARMY.MIL

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

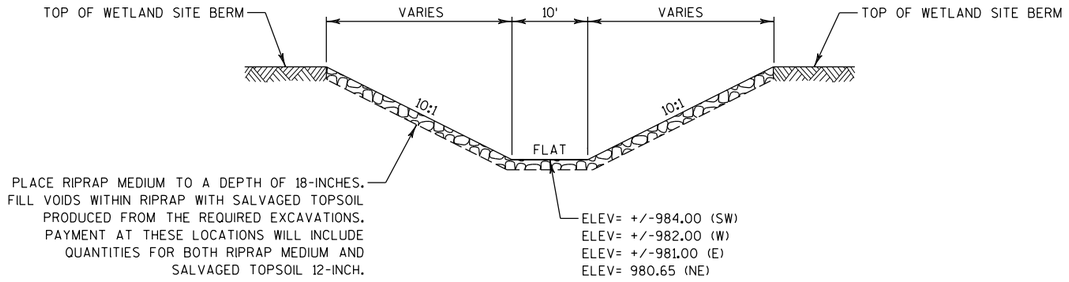
TOTAL PROJECT AREA = 81 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 63 ACRES (GRADING AREA)

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - CONSTRUCTION DETAILS	SHEET 77	E



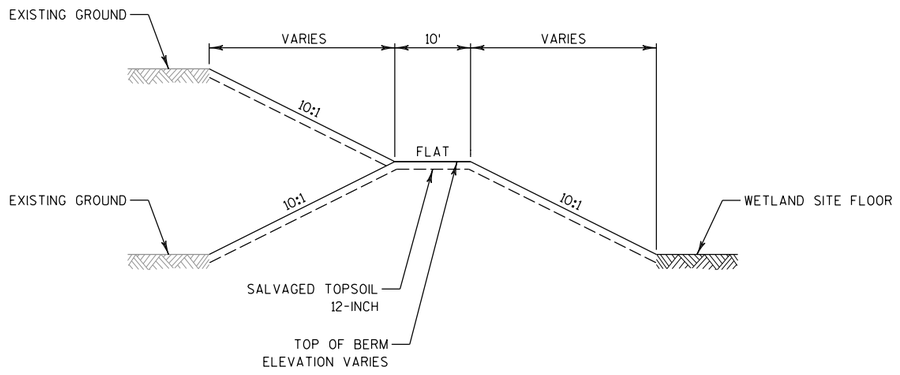
SECTION A-A

INTERIOR SWALES IN NORTH AND SOUTH THEEL SITE
6-INCH DEPTH (MAX)

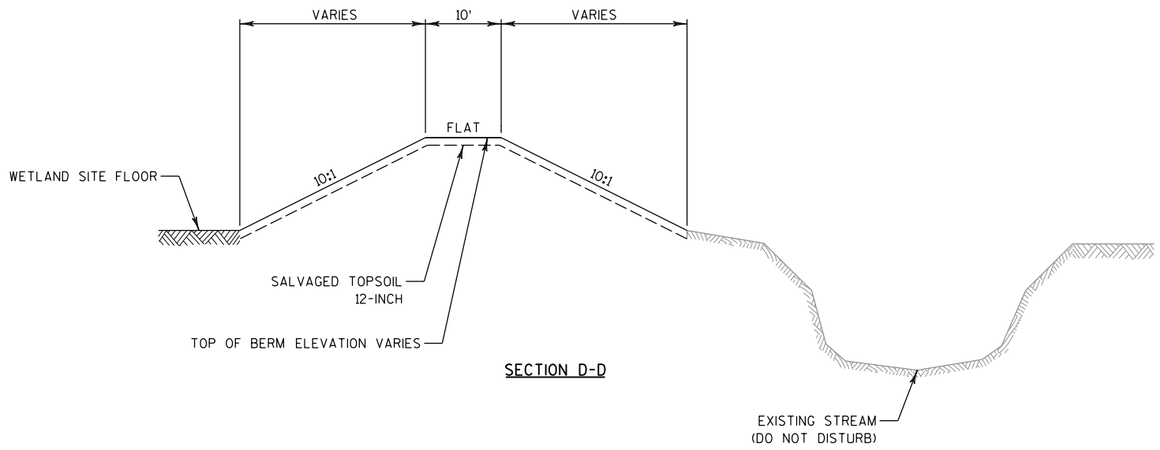


SECTION B-B

STREAM INLETS ON SOUTH THEEL SITE (SW AND W)
TEMPORARY CHANNEL OUTLET ON SOUTH THEEL SITE (E)
WEIR OUTLET ON NORTH THEEL SITE (NE)

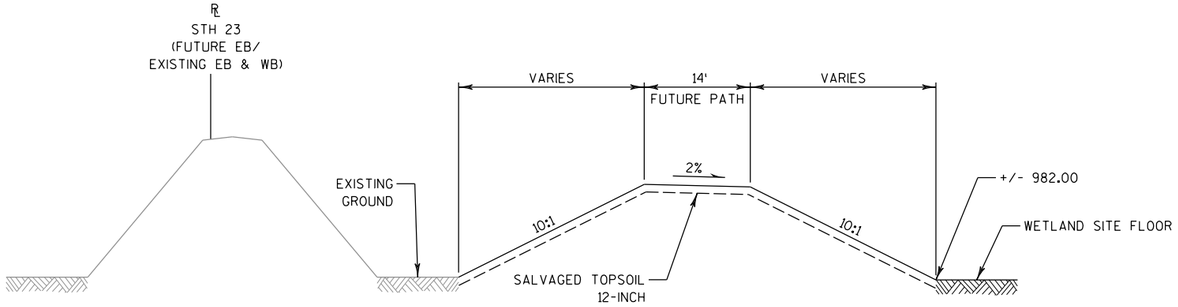


SECTION C-C

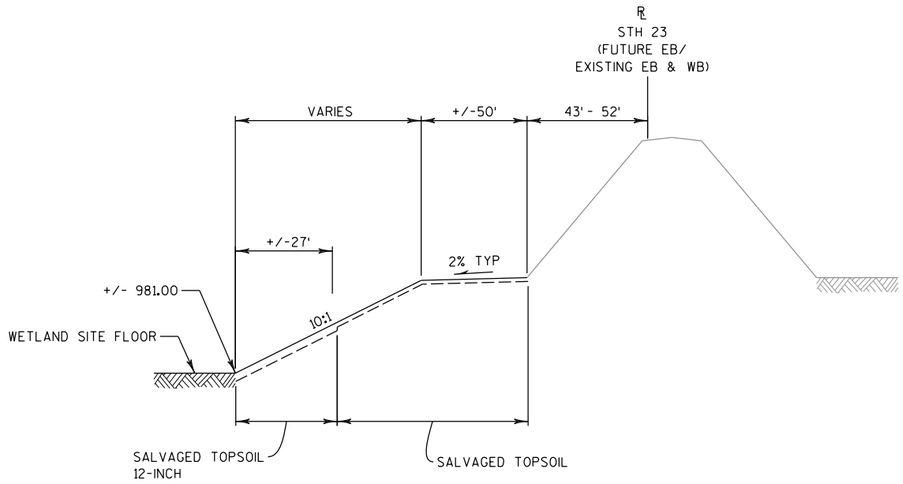


SECTION D-D

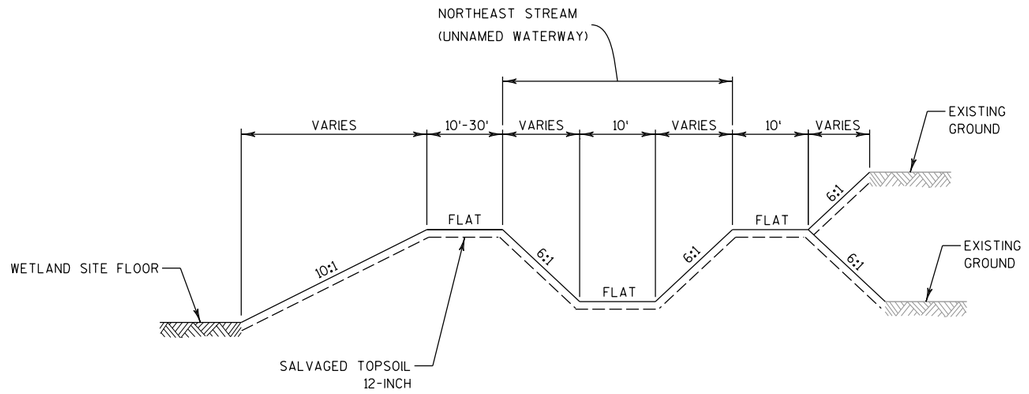
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - CONSTRUCTION DETAILS	SHEET 78	E



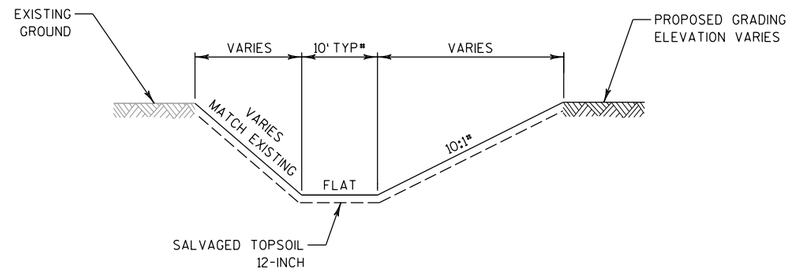
SECTION E-E
NORTH SIDE OF SOUTH THEEL SITE
ADJACENT TO EXISTING STH 23



SECTION F-F



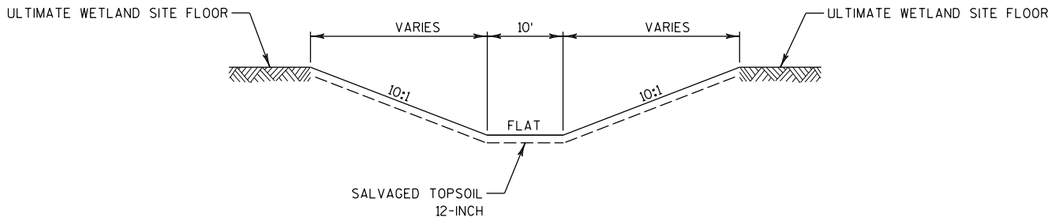
SECTION G-G
NORTH THEEL SITE
NORTHEAST STREAM REALIGNMENT



SECTION H-H
NORTH CHANNEL EXITING THE NORTH THEEL SITE

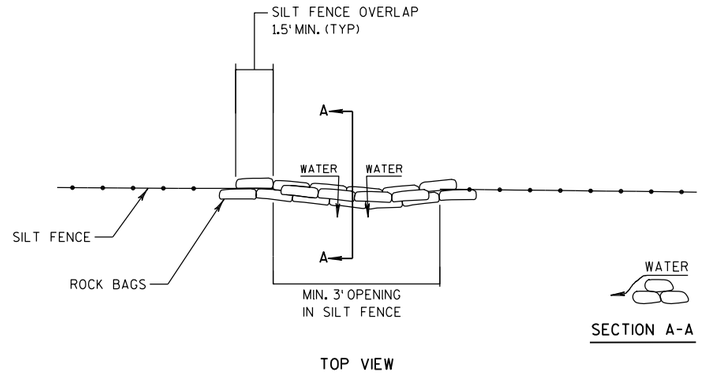
* MATCH CHANNEL WIDTH AND SIDE SLOPES AT OUTLET NEAR PROPERTY LINE

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - CONSTRUCTION DETAILS	SHEET 79	E

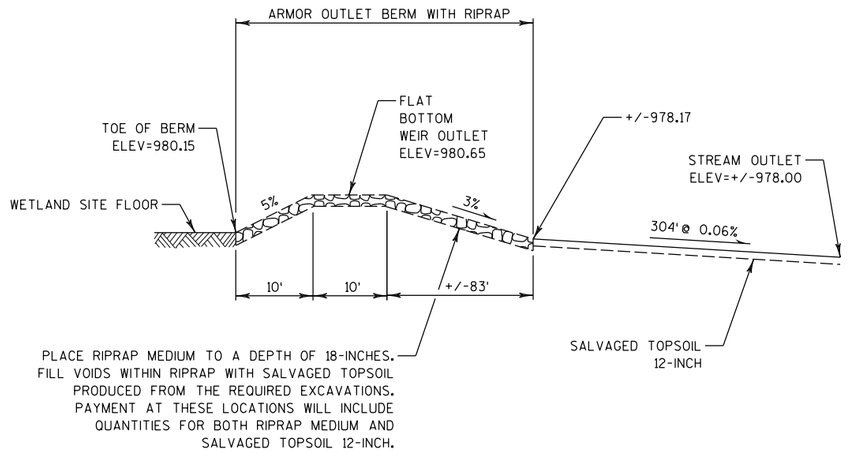


SECTION I-I

TEMPORARY INTERIOR SWALE IN SOUTH THEEL SITE
DEPTH VARIES 6-INCHES TO 12-INCHES
(SWALE TO BE REMOVED BY OTHERS UNDER FUTURE PROJECT)



SILT FENCE RELIEF DETAIL



STREAM PROFILE FROM BERM TO SITE OUTLET

NORTHEAST CORNER OF NORTH THEEL SITE

N

RECORDED POSITION
DO NOT DISTURB
ANY MONUMENT
THAT MAY BE PRESENT

T 15 N
R 18 E
11
14

SE 1/4 OF THE SW 1/4
SECTION 11, T15N, R18E

EXISTING STREAM
INVERT +/- 984.0

EXISTING STREAM
INVERT +/- 982.0

P.L.

(TS-9)

(TS-8)

REMOVE
24-INCH CPCM

0'THE'

5'THE'

10'THE'

15'THE'

20'THE'

25'THE'

N 0°41'39" W

Y=385096.24
X=853474.83

SW 1/4 OF THE SE 1/4
SECTION 11, T15N, R18E

EXISTING STREAM
(DO NOT DISTURB)

(TS-7)

NW 1/4 OF THE SE 1/4
SECTION 11, T15N, R18E

NE 1/4 OF THE SW 1/4
SECTION 11, T15N, R18E

AT&T (COMM)

ALLIANT ENERGY (ELEC)

RECORDED POSITION
DO NOT DISTURB
ANY MONUMENT
THAT MAY BE PRESENT

T 15 N
R 18 E
11

(TS-6)

CONSTRUCT TEMPORARY ACCESS
(INSTALLATION AND REMOVAL
INCIDENTAL TO PROJECT WORK;
COORDINATE LOCATION WITH
ENGINEER)

(TS-5)

EXISTING
2 - 60-INCH CPRP
(TO REMAIN)

EXISTING STREAM
(DO NOT DISTURB)

AT&T (COMM)

ALLIANT ENERGY (ELEC)

STH 23

R/W

Y=387791.49
X=853442.17

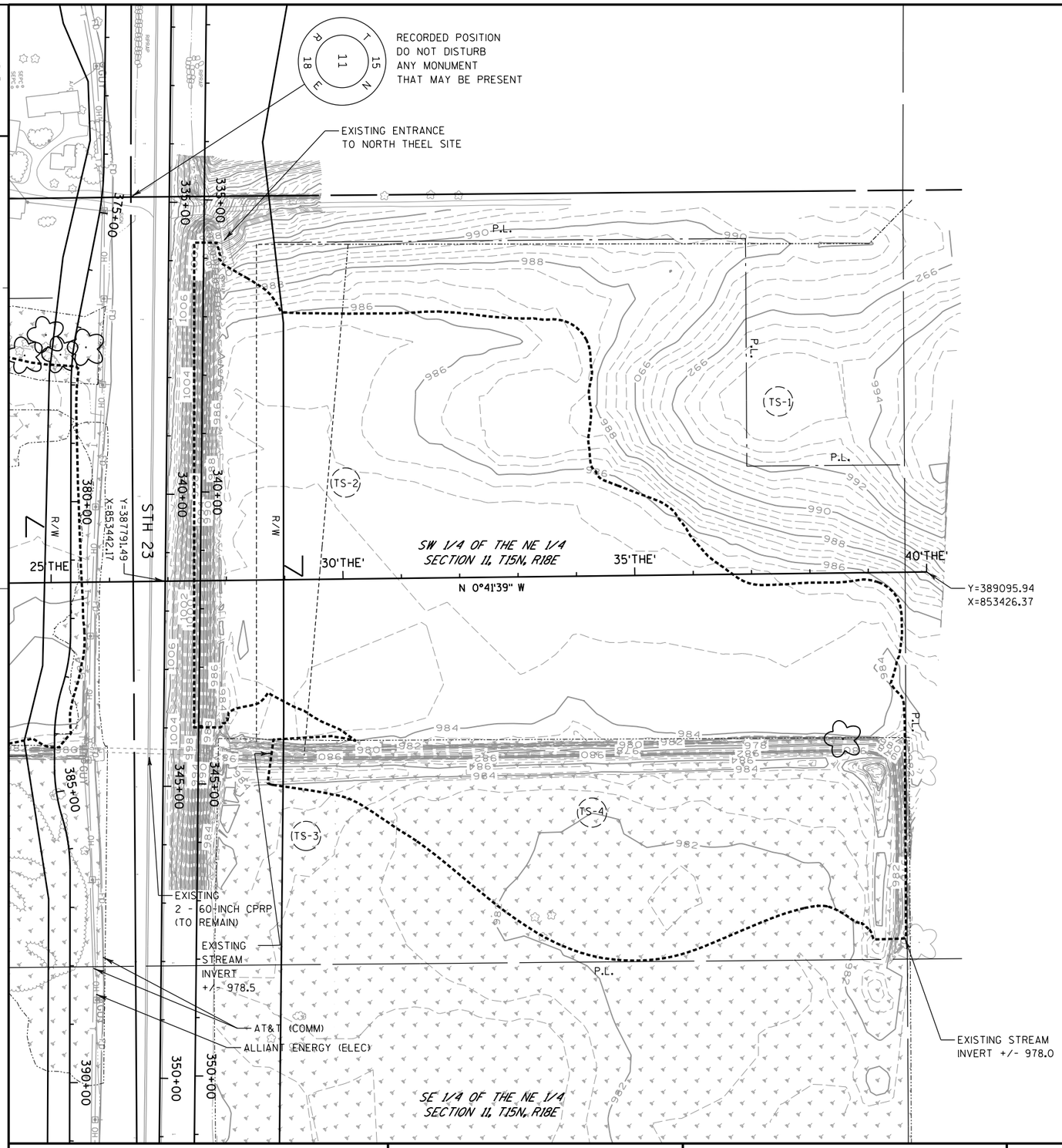
335+00
340+00
345+00
350+00
375+00
380+00
385+00

LEGEND

- EXISTING MAJOR (2') CONTOUR
- EXISTING MINOR (0.5') CONTOUR
- P.L. PROPERTY LINE
- EXISTING WETLANDS
- EXISTING WETLAND BOUNDARY
- EXISTING TREE TO BE REMOVED
- SLOPE INTERCEPT (PROPOSED WORK AREA)
- (TS-1) TOPSOIL SAMPLE LOCATION
- EXISTING DRAIN TILE TO REMAIN
- DRAIN TILE EXPLORATION & DRAIN TILE DISABLEMENT

NOTE:
PROPOSED STH 23 AND TRAIL ALIGNMENTS FOR REFERENCE ONLY. FUTURE CONSTRUCTION BY OTHERS.

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - EXISTING CONDITIONS	SHEET 81	E



N

LEGEND

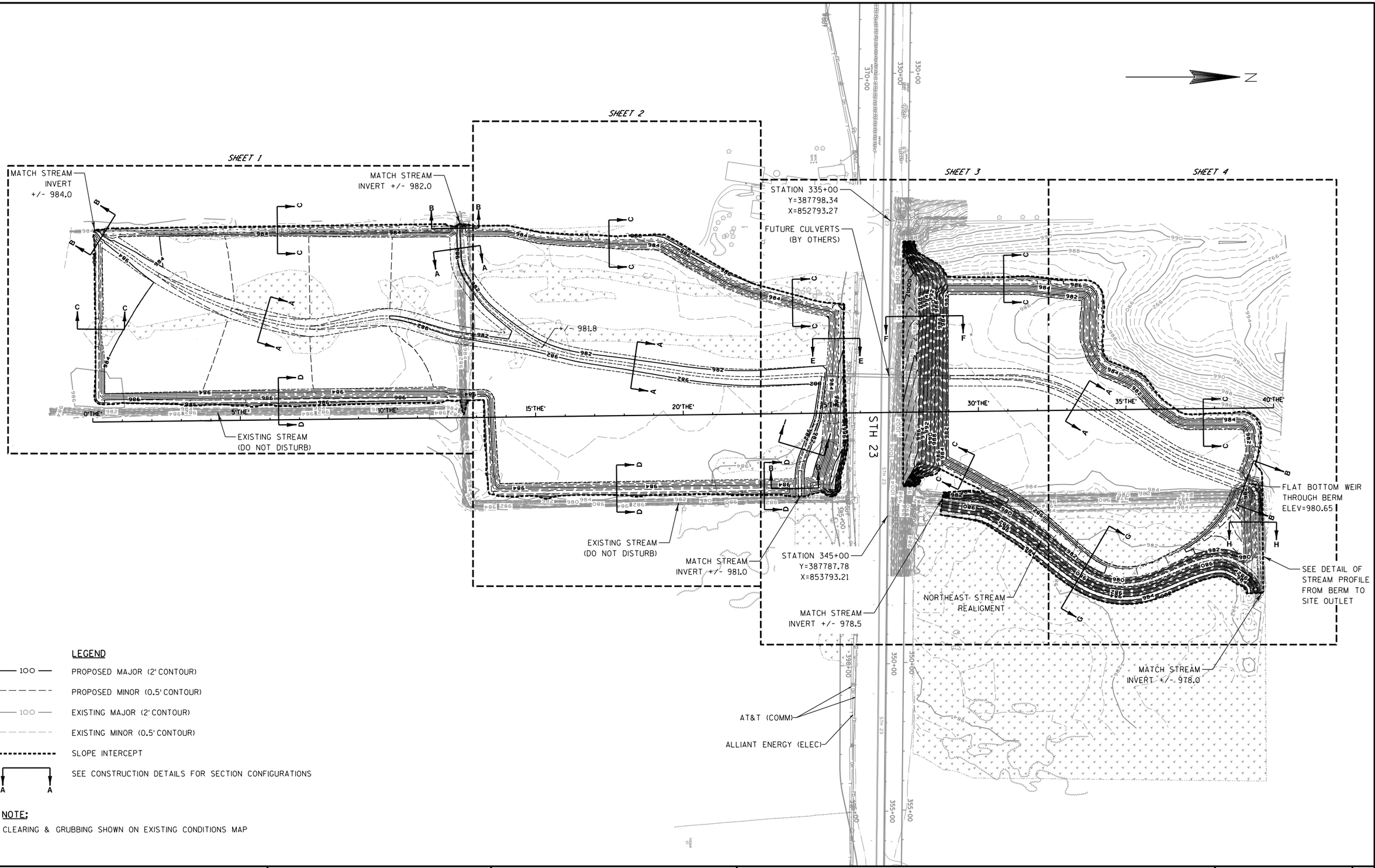
- EXISTING MAJOR (2') CONTOUR
- EXISTING MINOR (0.5') CONTOUR
- PROPERTY LINE
- EXISTING WETLANDS
- EXISTING WETLAND BOUNDARY
- EXISTING TREE TO BE REMOVED
- SLOPE INTERCEPT (PROPOSED WORK AREA)
- TOPSOIL SAMPLE LOCATION
- EXISTING DRAIN TILE TO REMAIN
- DRAIN TILE EXPLORATION & DRAIN TILE DISABLEMENT

NOTE:
PROPOSED STH 23 AND TRAIL ALIGNMENTS FOR REFERENCE ONLY. FUTURE CONSTRUCTION BY OTHERS.

TOPSOIL SAMPLES	
LOCATION	DEPTH
TS-1	12"
TS-2	9"
TS-3	17"
TS-4	7"
TS-5	9"
TS-6	18"
TS-7	14"
TS-8	20"+
TS-9	22"

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - EXISTING CONDITIONS	SHEET 82	E

2



LEGEND

- PROPOSED MAJOR (2' CONTOUR)
- PROPOSED MINOR (0.5' CONTOUR)
- EXISTING MAJOR (2' CONTOUR)
- EXISTING MINOR (0.5' CONTOUR)
- SLOPE INTERCEPT
- SEE CONSTRUCTION DETAILS FOR SECTION CONFIGURATIONS

NOTE:

CLEARING & GRUBBING SHOWN ON EXISTING CONDITIONS MAP

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - GRADING PLAN OVERVIEW	SHEET 83	E

2

LEGEND

100 — PROPOSED MAJOR (2') CONTOUR

PROPOSED MINOR (0.5') CONTOUR

100 — EXISTING MAJOR (2') CONTOUR

EXISTING MINOR (0.5') CONTOUR

SLOPE INTERCEPT

A A SEE CONSTRUCTION DETAILS FOR SECTION CONFIGURATIONS

NOTE:

CLEARING & GRUBBING SHOWN ON EXISTING CONDITIONS MAP

N

MATCH STREAM
INVERT +/- 984.0

MATCH STREAM
INVERT +/- 982.0

EXISTING STREAM
(DO NOT DISTURB)

0'THE' 2'THE' 4'THE' 6'THE' 8'THE' 10'THE' 12'THE'

2

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - GRADING SHEET 1	SHEET 84	E

FILE NAME : P:\48xx\4853-4854.DP.14.SHB-FDL\CADDS\Plan\14401371 Theel\021601_cm.dgn PLOT DATE : 11/26/2014 PLOT BY : sgc PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

2

LEGEND

100 PROPOSED MAJOR (2') CONTOUR

PROPOSED MINOR (0.5') CONTOUR

100 EXISTING MAJOR (2') CONTOUR

EXISTING MINOR (0.5') CONTOUR

SLOPE INTERCEPT

A A SEE CONSTRUCTION DETAILS FOR SECTION CONFIGURATIONS

NOTE:

CLEARING & GRUBBING SHOWN ON EXISTING CONDITIONS MAP

N

22'THE'

20'THE'

18'THE'

16'THE'

14'THE'

+/- 981.8

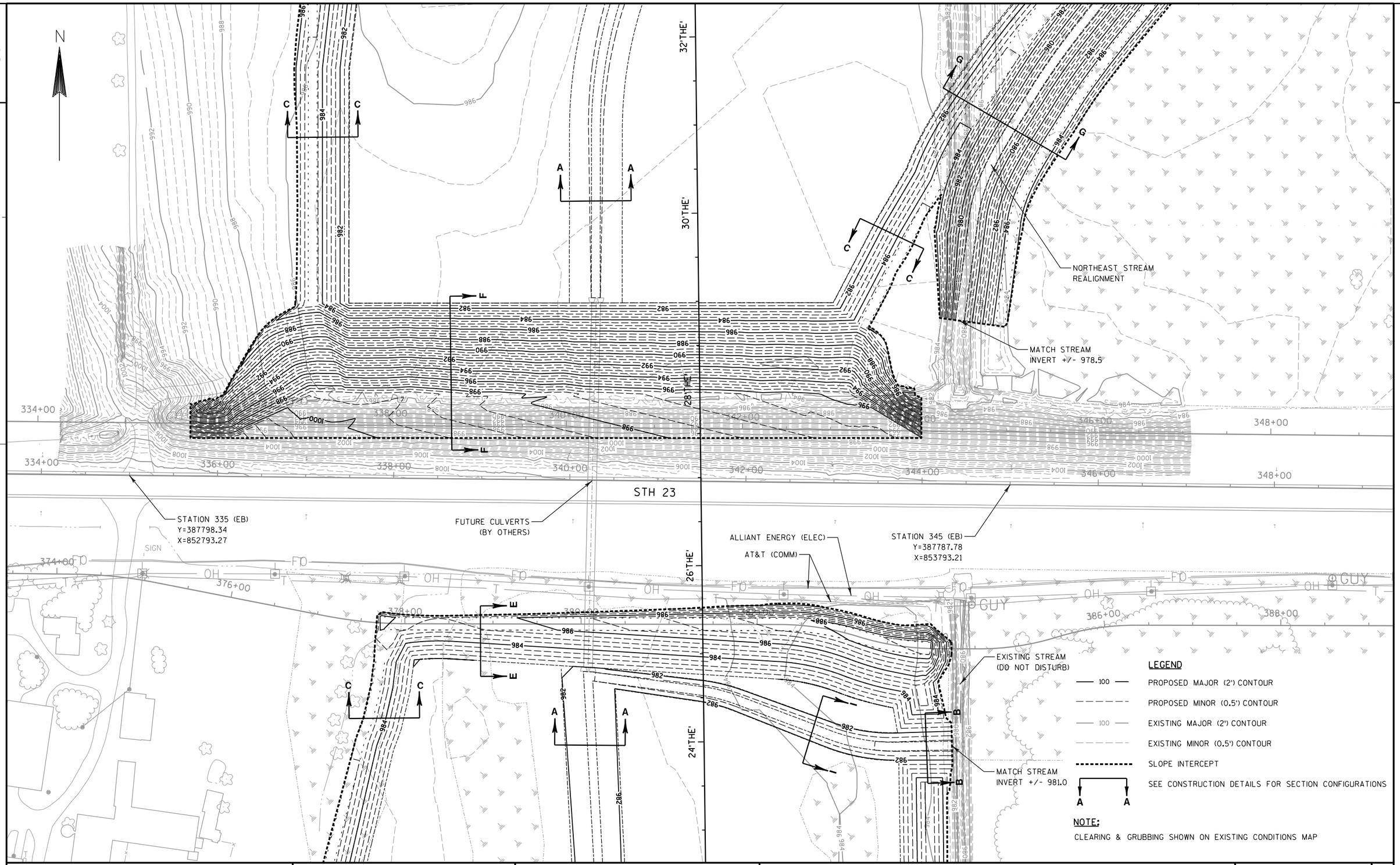
EXISTING STREAM
(DO NOT DISTURB)

2

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - GRADING SHEET 2	SHEET 85	E

FILE NAME : P:\48xx\4853-4854.DP.14.SHB-FDL\CADDS\Plan\14401371 Theel\021602_cm.dgn PLOT DATE : 11/26/2014 PLOT BY : sgc PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - GRADING SHEET 3	SHEET 86	E

2

LEGEND

100 PROPOSED MAJOR (2') CONTOUR

PROPOSED MINOR (0.5') CONTOUR

100 EXISTING MAJOR (2') CONTOUR

EXISTING MINOR (0.5') CONTOUR

SLOPE INTERCEPT

A A SEE CONSTRUCTION DETAILS FOR SECTION CONFIGURATIONS

NOTE:

CLEARING & GRUBBING SHOWN ON EXISTING CONDITIONS MAP

N

FLAT BOTTOM WEIR THROUGH BERM ELEV = 980.65

SEE DETAIL OF STREAM PROFILE FROM BERM TO SITE OUTLET

MATCH STREAM INVERT +/- 978.0

NORTHEAST STREAM REALIGNMENT

40'THE

38'THE

36'THE

34'THE

2

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - GRADING SHEET 4	SHEET 87	E

FILE NAME : P:\48xx\4853-4854.DP.14.SHB-FDL\CADDS\Plan\14401371 Theel\021604_cm.dgn PLOT DATE : 11/26/2014 PLOT BY : sgc PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

2

SHEET 1

SHEET 2

SHEET 3

SHEET 4

APPROX AREA 40' X 45'

APPROX AREA 45' X 60'

APPROX AREA 5' X 240'

APPROX AREA 60' X 80'

APPROX AREA 62' X 110'

STH 23

TRACK

0'THE'

5'THE'

10'THE'

15'THE'

20'THE'

25'THE'

30'THE'

35'THE'

40'THE'

N

LEGEND

- TRACK — TRACKING PADS
- ROCK BAGS (FOR SILT FENCE RELIEF)
- SILT FENCE
- SLOPE INTERCEPT
- EROSION MAT URBAN CLASS I TYPE A
- EROSION MAT CLASS II TYPE C
- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM (APPROXIMATE AREA LABELED ON PLANS)

NOTE:

THE TRACKING PAD LOCATIONS SHOWN IN THE PLAN MAY BE CHANGED BY THE CONTRACTOR WITH THE APPROVAL OF THE ENGINEER

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - EROSION CONTROL OVERVIEW	SHEET 88	E

FILE NAME : P:\48xx\4853-4854.DP.14.SHB-FDL\CADDS\Plan\14401371 Theel\022000_ec.dgn | PLOT DATE : 11/26/2014 | PLOT BY : sgc | PLOT NAME : | PLOT SCALE : 1:300

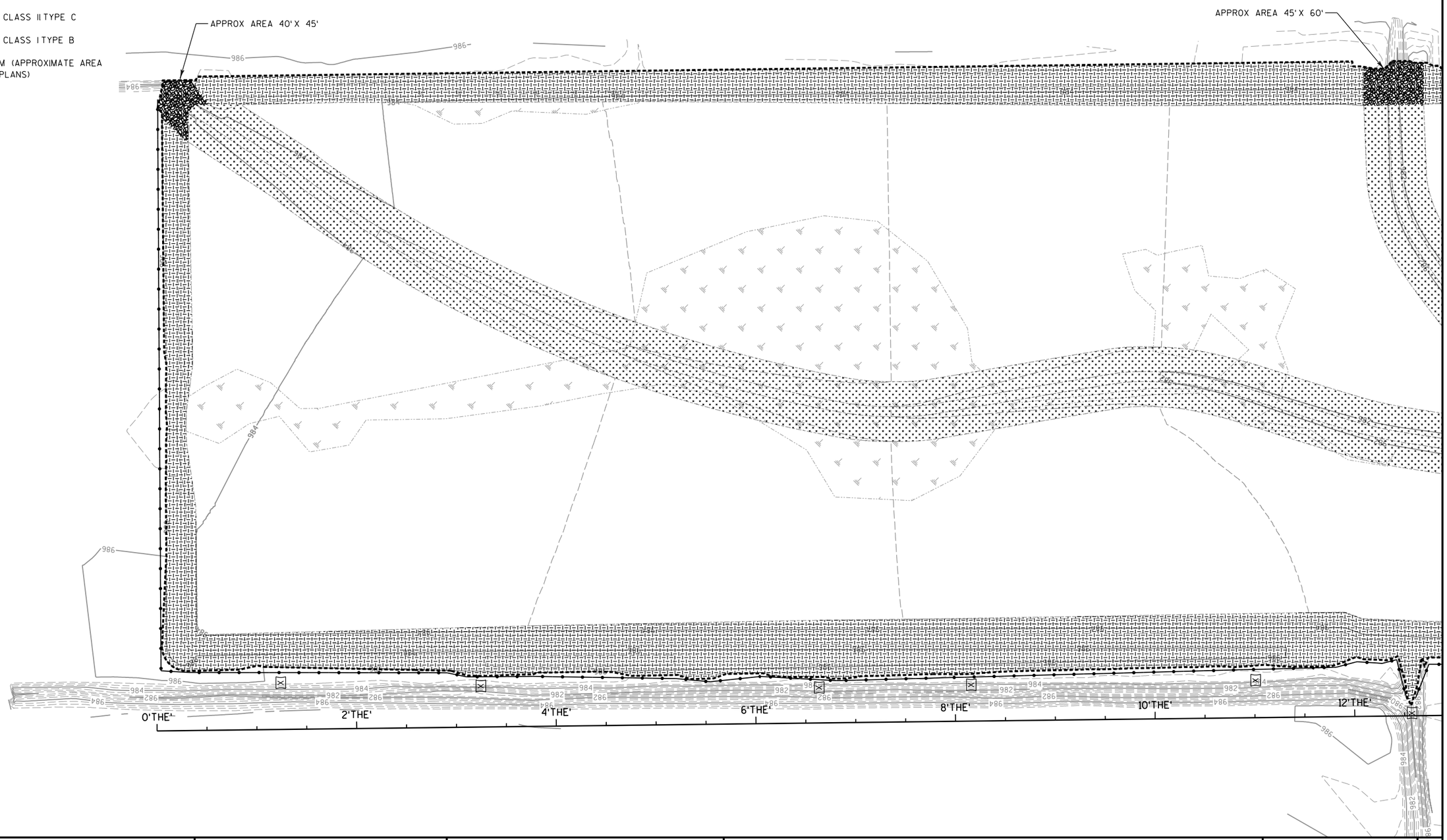
2

2

LEGEND

- TRACK — TRACKING PADS
- ROCK BAGS (FOR SILT FENCE RELIEF)
- SILT FENCE
- SLOPE INTERCEPT
- EROSION MAT URBAN CLASS I TYPE A
- EROSION MAT CLASS II TYPE C
- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM (APPROXIMATE AREA LABELED ON PLANS)

N



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - EROSION CONTROL SHEET 1	SHEET 89	E

FILE NAME : P:\48xx\4853-4854.DP.14.SHB-FDL\CADDS\Plan\14401371 Theel\022001_ec.dgn PLOT DATE : 11/26/2014 PLOT BY : sgc PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

LEGEND

- TRACK — TRACKING PADS
- ROCK BAGS (FOR SILT FENCE RELIEF)
- SILT FENCE
- SLOPE INTERCEPT
- EROSION MAT URBAN CLASS I TYPE A
- EROSION MAT CLASS II TYPE C
- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM (APPROXIMATE AREA LABELED ON PLANS)

N

22'THE'

20'THE'

18'THE'

16'THE'

14'THE'

2

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - EROSION CONTROL SHEET 2	SHEET 90	E

FILE NAME : P:\48xx\4853-4854.DP.14.SHB-FDL\CADDS\Plan\14401371 Theel\022002_ec.dgn PLOT DATE : 11/26/2014 PLOT BY : sgc PLOT NAME : PLOT SCALE : 1:100

LEGEND

- TRACK — TRACKING PADS
- ROCK BAGS (FOR SILT FENCE RELIEF)
- SILT FENCE
- SLOPE INTERCEPT
- EROSION MAT URBAN CLASS I TYPE A
- EROSION MAT CLASS II TYPE C
- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM (APPROXIMATE AREA LABELED ON PLANS)

N

APPROX AREA 5' X 240'

TRACK

32'THE'

30'THE'

28'THE'

26'THE'

24'THE'

334+00

336+00

338+00

340+00

STH 23

342+00

344+00

346+00

348+00

FUTURE CULVERTS
(BY OTHERS)

SIGN

374+00

376+00

378+00

386+00

388+00

APPROX AREA 60' X 80'

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - EROSION CONTROL SHEET 3	SHEET 91	E

FILE NAME : P:\48xx\4853-4854.DP.14.SHB-FDL\CADDS\Plan\14401371 Theel\022003_ec.dgn PLOT DATE : 11/26/2014 PLOT BY : sgc PLOT NAME : PLOT SCALE : 1:100

LEGEND

- TRACK — TRACKING PADS
- ROCK BAGS (FOR SILT FENCE RELIEF)
- SILT FENCE
- SLOPE INTERCEPT
- EROSION MAT URBAN CLASS I TYPE A
- EROSION MAT CLASS II TYPE C
- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM (APPROXIMATE AREA LABELED ON PLANS)



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - EROSION CONTROL SHEET 4	SHEET 92	E

FILE NAME : P:\48xx\4853-4854.DP.14.SHB-FDL\CADDS\Plan\14401371 Theel\022004_ec.dgn PLOT DATE : 11/26/2014 PLOT BY : sgc PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

2

2

SHEET 1

SHEET 2

SHEET 3

SHEET 4

STH 23

0'THE' 5'THE' 10'THE' 15'THE' 20'THE' 25'THE' 30'THE' 35'THE' 40'THE'

N

LEGEND

- SEEDING MIX WET MEADOW
- SEEDING MIX UPLAND BUFFER
- SEEDING MIX NO.30
- RIPRAP MEDIUM
- SLOPE INTERCEPT

NOTE:

THE CONTRACTOR SHALL CONTACT THE NE REGION ENVIRONMENTAL SECTION, (920)492-7738, AND THE PROJECT CONSTRUCTION LEADER A MINIMUM OF TWO WEEKS PRIOR TO PLANTING/SEEDING THE THEEL WETLAND MITIGATION SITE TO ALLOW FOR DIRECTION ON FINAL PLANTING/SEEDING LIMITS AND LOCATIONS.

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - PLANTING OVERVIEW	SHEET 93	E

FILE NAME : P:\48xx\4853-4854.DP.14.SHB-FDL\CADDS\Plan\14401371 Theel\023100_pl.dgn PLOT DATE : 11/26/2014 PLOT BY : sgc PLOT NAME : PLOT SCALE : 1:300

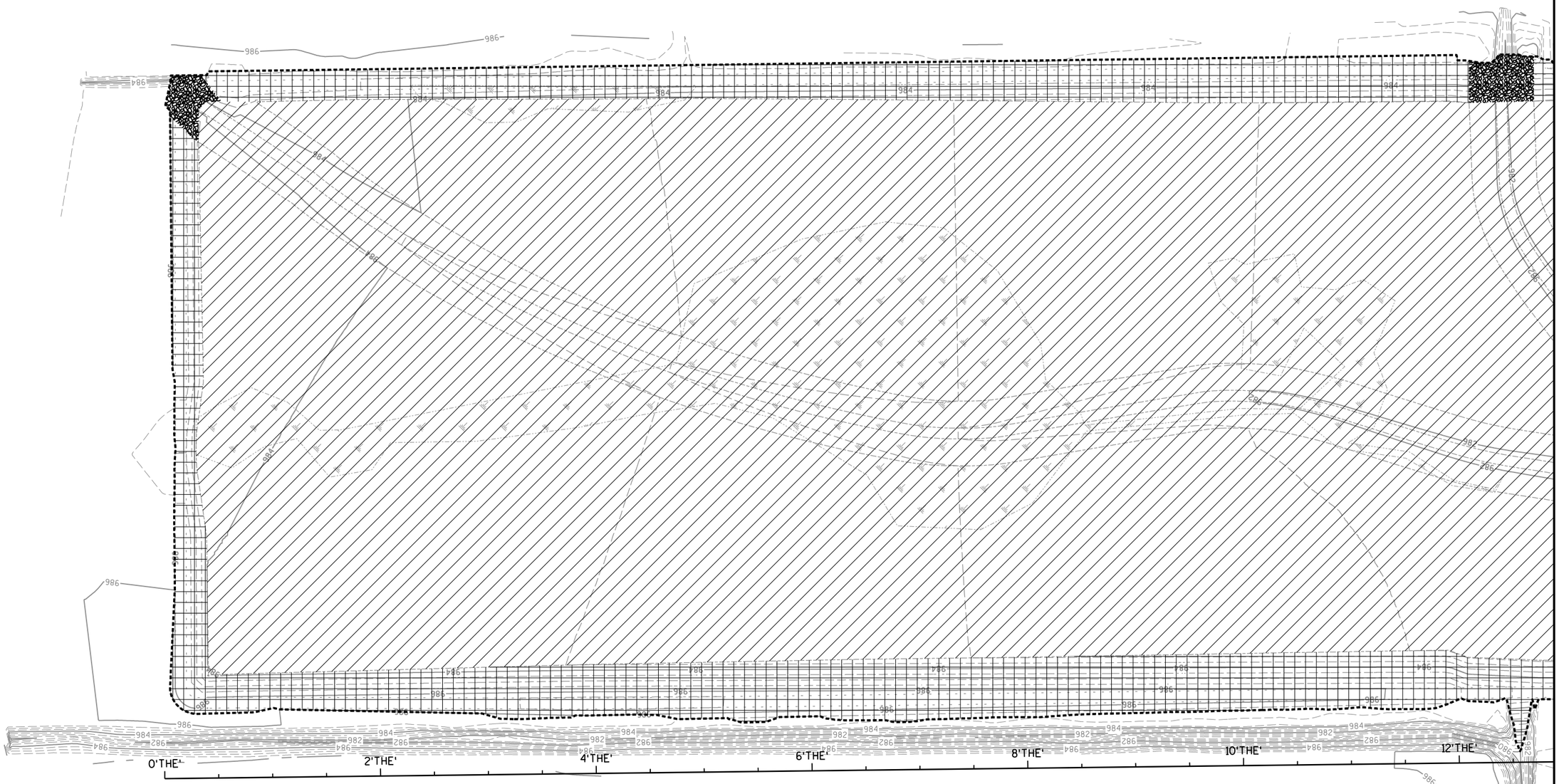
2

2

LEGEND

- SEEDING WET MEADOW MIX
- SEEDING UPLAND BUFFER MIX
- SEEDING MIXTURE NO.30
- RIPRAP MEDIUM
- SLOPE INTERCEPT

N



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - PLANTING SHEET 1	SHEET 94	E

FILE NAME : P:\48xx\4853-4854.DP.14.SHB-FDL\CADDS\Plan\14401371 Theel\023101_pl.dgn PLOT DATE : 11/26/2014 PLOT BY : sgc PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

2

2

TANKS

22' THE'

20' THE'

18' THE'

16' THE'

14' THE'

N

LEGEND

- SEEDING WET MEADOW MIX
- SEEDING UPLAND BUFFER MIX
- SEEDING MIXTURE NO.30
- RIPRAP MEDIUM
- SLOPE INTERCEPT

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - PLANTING SHEET 2	SHEET 95	E

FILE NAME : P:\48xx\4853-4854.DP.14.SHB-FDL\CADDS\Plan\14401371 Theel\023102_pl.dgn PLOT DATE : 11/26/2014 PLOT BY : sgc PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

LEGEND

SEEDING WET MEADOW MIX

SEEDING UPLAND BUFFER MIX

SEEDING MIXTURE NO.30

RIPRAP MEDIUM

SLOPE INTERCEPT

N

32'THE'

30'THE'

28'THE'

26'THE'

24'THE'

334+00

336+00

338+00

340+00

342+00

344+00

346+00

348+00

374+00

376+00

378+00

380+00

382+00

384+00

386+00

388+00

STH 23

FUTURE CULVERTS
(BY OTHERS)

SIGN

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - PLANTING SHEET 3	SHEET 96	E

FILE NAME : P:\48xx\4853-4854.DP.14.SHB-FDL\CADDS\Plan\14401371 Theel\023103_p1.dgn

PLOT DATE : 11/26/2014

PLOT BY : sgc

PLOT NAME :

PLOT SCALE : 1:100

LEGEND

- SEEDING WET MEADOW MIX
- SEEDING UPLAND BUFFER MIX
- SEEDING MIXTURE NO.30
- RIPRAP MEDIUM
- SLOPE INTERCEPT



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	THEEL WETLAND MITIGATION SITE - PLANTING SHEET 4	SHEET 97 E

FILE NAME : P:\48xx\4853-4854.DP.14.SHB-FDL\CADDS\Plan\14401371 Theel\023104_pl.dgn PLOT DATE : 11/26/2014 PLOT BY : sgc PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

DATE 08JAN15 — 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	1440-13-71 QUANTITY	1440-13-74 QUANTITY
0010	201.0105	Clearing	STA	120.000	120.000	
0020	201.0120	Clearing	ID	782.000	782.000	
0030	201.0205	Grubbing	STA	120.000	120.000	
0040	201.0220	Grubbing	ID	782.000	782.000	
0050	203.0100	Removing Small Pipe Culverts	EACH	57.000	57.000	
0060	203.0200	Removing Old Structure (station) 01. 848+78, 60" Cmcp	LS	1.000	1.000	
0070	203.0200	Removing Old Structure (station) 01. 979+49.38	LS	1.000		1.000
0080	204.0150	Removing Curb & Gutter	LF	715.000	715.000	
0090	204.0165	Removing Guardrail	LF	2,175.000	2,175.000	
0100	204.0170	Removing Fence	LF	4,670.000	4,670.000	
0110	204.0190	Removing Surface Drains	EACH	2.000	2.000	
0120	204.9105.S	Removing (Item Description) 01. Billboard	LS	1.000	1.000	
0130	205.0100	Excavation Common	CY	739,615.000	739,615.000	
0140	205.0400	Excavation Marsh	CY	17,000.000	17,000.000	
0150	206.1000	Excavation for Structures Bridges (structure) 02. B-59-0316	LS	1.000		1.000
0160	206.2000	Excavation for Structures Culverts (structure) 01. B-59-0099	LS	1.000		1.000
0170	208.0100	Borrow	CY	417,000.000	417,000.000	
0180	208.1100	Select Borrow	CY	25,000.000	25,000.000	
0190	210.0100	Backfill Structure	CY	1,755.000		1,755.000
0200	213.0100	Finishing Roadway (project) 01. 1440-13-71	EACH	1.000	1.000	
0210	214.0100	Obliterating Old Road	STA	16.000	16.000	
0220	305.0110	Base Aggregate Dense 3/4-Inch	TON	1,100.000	1,100.000	
0230	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	26,300.000	26,300.000	
0240	311.0115	Breaker Run	CY	211.000		211.000
0250	313.0110	Pit Run	TON	103,400.000	103,400.000	
0260	455.0105	Asphaltic Material PG58-28	TON	190.000	190.000	
0270	455.0605	Tack Coat	GAL	910.000	910.000	
0280	460.1100	Hma Pavement Type E-0.3	TON	3,500.000	3,500.000	
0290	460.2000	Incentive Density HMA Pavement	DOL	2,270.000	2,270.000	
0300	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	62.000	62.000	
0310	465.0315	Asphaltic Flumes	SY	16.000	16.000	
0320	502.0100	Concrete Masonry Bridges	CY	316.000		316.000
0330	502.3200	Protective Surface Treatment	SY	245.000		245.000
0340	502.6105	Masonry Anchors Type S 5/8-Inch	EACH	72.000		72.000
0350	504.0100	Concrete Masonry Culverts	CY	544.000		544.000
0360	504.0900	Concrete Masonry Endwalls	CY	34.000	34.000	
0370	505.0405	Bar Steel Reinforcement HS Bridges	LB	6,440.000		6,440.000
0380	505.0410	Bar Steel Reinforcement HS Culverts	LB	61,680.000		61,680.000
0390	505.0605	Bar Steel Reinforcement HS Coated Bridges	LB	36,540.000		36,540.000
0400	505.0610	Bar Steel Reinforcement HS Coated Culverts	LB	1,270.000		1,270.000
0410	516.0500	Rubberized Membrane Waterproofing	SY	68.000		68.000
0420	520.4024	Culvert Pipe Temporary 24-Inch	LF	1,778.000	1,778.000	
0430	520.8000	Concrete Collars for Pipe	EACH	17.000	17.000	
0440	521.0112	Culvert Pipe Corrugated Steel 12-Inch	LF	46.000	46.000	
0450	521.0124	Culvert Pipe Corrugated Steel 24-Inch	LF	1,990.000	1,990.000	
0460	521.0136	Culvert Pipe Corrugated Steel 36-Inch	LF	142.000	142.000	

DATE 08JAN15 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	1440-13-71 QUANTITY	1440-13-74 QUANTITY
0470	521.0142	Culvert Pipe Corrugated Steel 42-Inch	LF	52.000	52.000	
0480	521.1012	Apron Endwalls for Culvert Pipe Steel 12-Inch	EACH	2.000	2.000	
0490	521.1024	Apron Endwalls for Culvert Pipe Steel 24-Inch	EACH	88.000	88.000	
0500	521.1036	Apron Endwalls for Culvert Pipe Steel 36-Inch	EACH	3.000	3.000	
0510	521.1042	Apron Endwalls for Culvert Pipe Steel 42-Inch	EACH	2.000	2.000	
0520	522.0124	Culvert Pipe Reinforced Concrete Class III 24-Inch	LF	3,468.000	3,468.000	
0530	522.0130	Culvert Pipe Reinforced Concrete Class III 30-Inch	LF	282.000	282.000	
0540	522.0136	Culvert Pipe Reinforced Concrete Class III 36-Inch	LF	306.000	306.000	
0550	522.0142	Culvert Pipe Reinforced Concrete Class III 42-Inch	LF	662.000	662.000	
0560	522.0148	Culvert Pipe Reinforced Concrete Class III 48-Inch	LF	517.000	517.000	
0570	522.0154	Culvert Pipe Reinforced Concrete Class III 54-Inch	LF	302.000	302.000	
0580	522.0160	Culvert Pipe Reinforced Concrete Class III 60-Inch	LF	158.000	158.000	
0590	522.0324	Culvert Pipe Reinforced Concrete Class IV 24-Inch	LF	92.000	92.000	
0600	522.0330	Culvert Pipe Reinforced Concrete Class IV 30-Inch	LF	283.000	283.000	
0610	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	61.000	61.000	
0620	522.1030	Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	EACH	5.000	5.000	
0630	522.1036	Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	EACH	6.000	6.000	
0640	522.1042	Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	EACH	4.000	4.000	
0650	522.1048	Apron Endwalls for Culvert Pipe Reinforced Concrete 48-Inch	EACH	3.000	3.000	
0660	522.1060	Apron Endwalls for Culvert Pipe Reinforced Concrete 60-Inch	EACH	2.000	2.000	
0670	550.0500	Pile Points	EACH	18.000		18.000
0680	550.1100	Piling Steel HP 10-Inch X 42 Lb	LF	540.000		540.000
0690	601.0415	Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type J	LF	80.000	80.000	
0700	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	75.000	75.000	
0710	604.0600	Slope Paving Select Crushed Material	SY	250.000		250.000
0720	606.0100	Riprap Light	CY	2,300.000	2,300.000	
0730	606.0200	Riprap Medium	CY	2,350.000	2,350.000	
0740	606.0300	Riprap Heavy	CY	28.000		28.000
0750	606.0400	Riprap Extra-Heavy	CY	1,670.000	1,670.000	
0760	611.0612	Inlet Covers Type C	EACH	8.000	8.000	
0770	611.0642	Inlet Covers Type MS	EACH	44.000	44.000	
0780	611.2007	Manholes 7-Ft Diameter	EACH	4.000	4.000	
0790	611.2008	Manholes 8-Ft Diameter	EACH	4.000	4.000	
0800	611.3902	Inlets Median 2 Grate	EACH	22.000	22.000	
0810	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	200.000		200.000
0820	612.0700	Drain Tile Exploration	LF	3,020.000	3,020.000	

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DATE 08JAN15 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	1440-13-71 QUANTITY	1440-13-74 QUANTITY
0830	614.0150	Anchor Assemblies for Steel Plate Beam Guard	EACH	4.000		4.000
0840	614.0305	Steel Plate Beam Guard Class A	LF	175.000	175.000	
0850	614.0925	Salvaged Guardrail End Treatments	EACH	2.000	2.000	
0860	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1440-13-71	EACH	1.000	1.000	
0870	619.1000	Mobilization	EACH	1.000	1.000	
0880	624.0100	Water	MGAL	2,550.000	2,550.000	
0890	625.0500	Salvaged Topsoil	SY	580,575.000	580,575.000	
0900	627.0200	Mulching	SY	567,000.000	567,000.000	
0910	628.1504	Silt Fence	LF	37,275.000	37,275.000	
0920	628.1520	Silt Fence Maintenance	LF	10,475.000	10,475.000	
0930	628.1905	Mobilizations Erosion Control	EACH	28.000	28.000	
0940	628.1910	Mobilizations Emergency Erosion Control	EACH	10.000	10.000	
0950	628.2004	Erosion Mat Class I Type B	SY	330,405.000	330,405.000	
0960	628.2006	Erosion Mat Urban Class I Type A	SY	67,180.000	67,180.000	
0970	628.2027	Erosion Mat Class II Type C	SY	47,861.000	47,861.000	
0980	628.6510	Soil Stabilizer Type B	ACRE	43.000	43.000	
0990	628.7005	Inlet Protection Type A	EACH	30.000	30.000	
1000	628.7504	Temporary Ditch Checks	LF	3,730.000	3,730.000	
1010	628.7555	Culvert Pipe Checks	EACH	350.000	350.000	
1020	628.7560	Tracking Pads	EACH	7.000	7.000	
1030	628.7570	Rock Bags	EACH	440.000	440.000	
1040	629.0210	Fertilizer Type B	CWT	375.000	375.000	
1050	630.0120	Seeding Mixture No. 20	LB	8,100.000	8,100.000	
1060	630.0130	Seeding Mixture No. 30	LB	5,045.000	5,045.000	
1070	630.0200	Seeding Temporary	LB	6,450.000	6,450.000	
1080	633.5200	Markers Culvert End	EACH	120.000	120.000	
1090	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	18.000	18.000	
1100	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	7.000	7.000	
1110	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	6.000	6.000	
1120	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	1.000	1.000	
1130	637.2210	Signs Type II Reflective H	SF	97.640	97.640	
1140	637.2220	Signs Type II Reflective SH	SF	13.500	13.500	
1150	637.2230	Signs Type II Reflective F	SF	106.250	106.250	
1160	638.2602	Removing Signs Type II	EACH	18.000	18.000	
1170	638.3000	Removing Small Sign Supports	EACH	20.000	20.000	
1180	640.0200.S	Placing Industrial (byproduct) 01. Foundry Sand	CY	27,450.000	27,450.000	
1190	640.0250.S	Hauling Industrial (byproduct) 01. Foundry Sand	TON	43,250.000	43,250.000	
1200	642.5201	Field Office Type C	EACH	1.000	1.000	
1210	643.0100	Traffic Control (project) 01. 1440-13-71	EACH	1.000	1.000	
1220	643.0300	Traffic Control Drums	DAY	141,796.000	141,796.000	
1230	643.0420	Traffic Control Barricades Type III	DAY	70,745.000	70,745.000	
1240	643.0705	Traffic Control Warning Lights Type A	DAY	141,490.000	141,490.000	
1250	643.0900	Traffic Control Signs	DAY	31,495.000	31,495.000	
1260	643.1050	Traffic Control Signs PCMS	DAY	234.000	234.000	
1270	645.0105	Geotextile Fabric Type C	SY	904.000		904.000
1280	645.0120	Geotextile Fabric Type HR	SY	7,895.000	7,820.000	75.000
1290	645.0130	Geotextile Fabric Type R	SY	13,750.000	13,750.000	
1300	650.4500	Construction Staking Subgrade	LF	119,300.000	119,300.000	
1310	650.5000	Construction Staking Base	LF	5,300.000	5,300.000	

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DATE 08JAN15 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	1440-13-71 QUANTITY	1440-13-74 QUANTITY
1320	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	80.000	80.000	
1330	650.6000	Construction Staking Pipe Culverts	EACH	72.000	72.000	
1340	650.6500	Construction Staking Structure Layout (structure) 01. B-59-0099	LS	1.000	1.000	
1350	650.6500	Construction Staking Structure Layout (structure) 02. B-59-0316	LS	1.000	1.000	
1360	650.9910	Construction Staking Supplemental Control (project) 01. 1440-13-71	LS	1.000	1.000	
1370	650.9920	Construction Staking Slope Stakes	LF	119,300.000	119,300.000	
1380	690.0150	Sawing Asphalt	LF	491.000	491.000	
1390	690.0250	Sawing Concrete	LF	3.000	3.000	
1400	715.0502	Incentive Strength Concrete Structures	DOL	5,160.000		5,160.000
1410	999.1000.S	Seismograph	LS	1.000	1.000	
1420	SPV.0060	Special 01. Temporary Stone Ditch Checks	EACH	18.000	18.000	
1430	SPV.0060	Special 02. Temporary Slope Drain	EACH	1.000	1.000	
1440	SPV.0060	Special 03. Culvert Pipe Plug	EACH	2.000	2.000	
1450	SPV.0085	Special 01. Seeding Upland Buffer Mix	LB	195.000	195.000	
1460	SPV.0085	Special 02. Seeding Wet Meadow Mix	LB	480.000	480.000	
1470	SPV.0090	Special 01. Drain Tile Disablement	LF	1,770.000	1,770.000	
1480	SPV.0105	Special 01. Removing Old Structure Sta 1102+50 GABIAN BASKETS	LS	1.000	1.000	
1490	SPV.0105	Special 02. Construction Staking Wetland Site	LS	1.000	1.000	
1500	SPV.0120	Special 01. Water For Seeded Areas	MGAL	405.000	405.000	
1510	SPV.0180	Special 01. Geogrid Reinforcement	SY	2,400.000	2,400.000	
1520	SPV.0180	Special 02. Salvaged Topsoil 12-Inch	SY	367,295.000	367,295.000	

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CLEARING & GRUBBING (STATION)

1440-13-71

STATION	TO	STATION	LOCATION	201.0105 CLEARING STA	201.0205 GRUBBING STA
739+00	-	740+00	STH 23,LT&RT	2	2
745+00	-	749+00	STH 23,RT	4	4
783+00	-	785+00	STH 23,LT	2	2
786+00	-	787+00	STH 23,RT	1	1
786+00	-	790+00	STH 23,LT	4	4
804+00	-	808+00	STH 23,LT	4	4
811+00	-	816+00	STH 23,LT	5	5
821+00	-	824+00	STH 23, RT	3	3
823+00	-	828+00	STH 23,LT	5	5
838+00	-	841+00	STH 23,LT	3	3
848+00	-	854+00	STH 23,LT	6	6
861+00	-	863+00	STH 23,LT	2	2
863+00	-	865+00	STH 23, RT	2	2
875+00	-	876+00	STH 23,LT	1	1
901+00	-	902+00	STH 23,LT	1	1
915+00	-	917+00	STH 23,LT	2	2
919+00	-	920+00	STH 23,LT	1	1
948+00	-	953+00	STH 23,LT	5	5
954+00	-	956+00	STH 23,LT	2	2
959+00	-	961+00	STH 23,LT	2	2
975+00	-	980+00	STH 23,LT	5	5
983+00	-	988+00	STH 23,LT	5	5
991+00	-	998+00	STH 23,LT&RT	7	7
998+00	-	1003+00	STH 23,RT	5	5
1008+00	-	1010+00	STH 23,LT	2	2
1024+00	-	1027+00	STH 23,LT	3	3
1040+00	-	1051+00	STH 23,LT	11	11
1078+00	-	1080+00	STH 23,LT	2	2
1092+00	-	1096+00	STH 23,LT	4	4
1097+00	-	1098+00	STH 23,LT	1	1
1099+00	-	1105+00	STH 23,LT	6	6
15+00	-	21+00	VALLEY LN, LT&RT	6	6
03+00	-	05+00	INEZ CT/ BRANCH RD,LT&RT	2	2
09+00	-	11+00	INEZ CT/ BRANCH RD,LT&RT	2	2
22+00	-	24+00	INEZ CT/ BRANCH RD,LT&RT	2	2
			PROJECT TOTAL	**120**	**120**

CLEARING & GRUBBING (INCH DIAMETER)

1440-13-71

STATION	LOCATION	201.0120 CLEARING INCH-DIA	201.0220 GRUBBING INCH-DIA
943+00	STH 23, LT	10	10
1037+00	STH 23, RT	10	10
1058+00	STH 23, RT	9	9
1123+00	STH 23, RT	3	3
	PROJECT TOTAL	**32**	**32**

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

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REMOVING SMALL PIPE CULVERTS

1440-13-71

STATION	LOCATION	SIZE	LENGTH (FT)	TYPE	203.0100 EACH
747+60	STH 23 WB	24"	40	CPCS	1
754+84	STH 23 WB	36"	110	CPCS	1
767+09	STH 23 EB	24"	55	CPCS	1
770+67	STH 23 WB	24"	56	CPCS	1
770+86	STH 23 EB	24"	35	CPCS	1
772+56	STH 23 EB	30"	8	CPCS	1
777+62	STH 23 EB	24"	25	CPCS	1
782+64	STH 23 EB	24"	35	CPCS	1
784+60	STH 23 EB	48"	42	CPCS	2
795+97	STH 23 EB	24"	33	CPCS	1
796+16	STH 23 WB	24"	59	CPCS	1
801+00	STH 23 WB	24"	46	CPCS	1
805+45	STH 23 WB	24"	60	CPCS	1
809+50	STH 23 EB	42"	39	CPCS	2
812+20	STH 23 WB	24"	60	CPCS	1
819+00	STH 23 EB	36"	8	CPCS	1
824+80	STH 23 WB	24"	49	CPCS	1
833+75	STH 23 EB	24"	71	CPCS	1
839+90	STH 23 WB	24"	56	CPCS	1
841+27	STH 23 EB	24"	68	CPCS	1
843+58	STH 23 EB	24"	83	CPCS	1
861+24	STH 23 WB	24"	100	CPCS	1
862+49	STH 23 EB	36"	40	CPCS	1
866+46	STH 23 EB	24"	109	CPCS	1
866+74	STH 23 WB	24"	113	CPCS	1
888+16	STH 23 EB	24"	8	CPCS	1
894+96	STH 23 EB	24"	47	CPCS	1
906+00	STH 25 EB	48"	22	CPCS	1
911+07	STH 23 EB	24"	79	CPCS	1
913+52	STH 23 EB	24"	18	CPCS	1
51+75	CTH T	24"	35'	CPCS	1
919+03	STH 23 EB	24"	48	CPCS	1
928+72	STH 23 EB	24"	52	CPCS	1
932+92	STH 23 WB	24"	66	CPCS	1
936+37	STH 23 EB	24"	20	CPCS	1
937+89	STH 23 WB	24"	74	CPCS	1
942+11	STH 23 WB	24"	41	CPCS	1
950+61	STH 23 WB	24"	59	CPCS	1
983+00	STH 23 WB	24"	70	CPCS	1
1002+02	STH 23 EB	24"	55	CPCS	1
1006+36	STH 23 WB	24"	45	CPCS	1
1014+35	STH 23 WB	24"	41	CPCS	1
1019+07	STH 23 WB	24'	50	CPCS	1
1034+53	STH 23 WB	30"	40	CPCS	1
15+72	JULIE CT	18"	72	CPCS	1
1052+64	STH 23 WB	24"	76	CPCS	1
1056+00	STH 23 EB	30"	31	CPCS	1
1067+34	STH 23 WB	24"	65	CPCS	1
1097+17	STH 23 WB	24"	45	CPCS	1
1109+88	COARY LN	36"	200	CPCS	1
1115+37	TWINKLE RD	48"	146	CPCS	2
---	INEZ CT / TRAIL	24"	41	CPCS	1
---	UNDER BRANCH RD	24"	119	CPCS	1
			PROJECT TOTAL		**56**

***** NOTE: BASED OFF OF WESTBOUND REF LINE

REMOVING CURB & GUTTER

1440-13-71

STATION	TO	STATION	LOCATION	204.0150 LF
1057+66	-	1058+94	STH 23 EB LT	140
INEZ CT ENTRANCE	-	"STH 23 EB CONNECTION"	STH 23 EB RT	140
LEFT TURN LANE TO BRANCH RD	-	"STH 23 EB CONNECTION"	STH 23 WB RT	270
BRANCH RD ENTRANCE	-	"STH 23 EB CONNECTION"	STH 23 EB RT	120
29+19	-	29+65	BRANCH RD	46
			PROJECT TOTAL	**715**

REMOVING OLD STRUCTURE (STA 1102+50) GABION BASKETS

1440-13-71

STATION	LOCATION	SPV.0105.01 LS	COMMENT
1102+50	STH 23 EB LT	1	GABION BASKETS
	PROJECT TOTAL	**1**	

REMOVING OLD STRUCTURE (STA 848+78)

1440-13-71

STATION	LOCATION	SIZE	LENGTH (FT)	TYPE	203.0200 EACH
848+78	STH 23 EB	60"	30	CPCS	1
			PROJECT TOTAL		**1**

***** NOTE: BASED OFF OF WESTBOUND REF LINE

REMOVING SURFACE DRAINS

1440-13-71

STATION	TO	STATION	LOCATION	204.0190 EACH
49+86	-	50+08	RIDGE RD	2
			PROJECT TOTAL	**2**

REMOVING FENCE

1440-13-71

STATION	TO	STATION	LOCATION	204.0170 REMOVING FENCE LF
782+33	-	784+35	STH 23 EB RT	260
817+47	-	818+91	STH 23 WB LT	320
840+59	-	848+27	STH 23 WB LT	940
904+31	-	907+65	STH 23 EB RT	460
53+06	-	53+11	CTH A LT	130
58+29	-	59+16	CTH A RT	110
989+71	-	997+43	STH 23 WB LT	1300
1018+36	-	1024+04	STH 23 WB LT	650
1096+73	-	1097+23	STH 23 WB LT	130
1121+27	-	1124+98	STH 23 WB LT	370
			PROJECT TOTAL	**4670**

REMOVING GUARDRAIL

1440-13-71

STATION	TO	STATION	LOCATION	204.0165 REMOVING GUARDRAIL LF	614.0925 SALVAGED GUARDRAIL END TREATMENTS EACH	REMARKS
1101+76	-	1115+27	STH 23 EB LT	1486	1	SALVAGE ENERGY ABSORBING TERMINAL
1115+53	-	1118+92	STH 23 EB LT	339	1	SALVAGE ENERGY ABSORBING TERMINAL
1109+05	-	1110+30	STH 23 EB RT	350	---	
			PROJECT TOTAL	**2175**	**2**	

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

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REMOVING BILLBOARD

1440-13-71

204.9105.S

STATION	LOCATION	LS	REMARKS
1017+51	LT	1	
	PROJECT TOTAL	**1**	

OBLITERATING OLD ROAD

1440-13-71

STATION	TO	STATION	LOCATION	214.0100 STA
14+55	-	16+07	JULIE CT	1.5
1109+04	-	1110+29	STH 23 EB (COARY LANE)	3.3
1115+05	-	1115+28	STH 23 WB (TWINKLE LANE)	2
16+55	-	17+75	TWINKLE LANE	1.2
26+65	-	30+60	INEZ- BRANCH (STH 23 ACCESS)	8
			PROJECT TOTAL	**16**

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Division	From / To Station	Location	Common Excavation (1)	(item # 205.0100)	Available Material (5)	Marsh Excavation (6)	Reduced Marsh in Fill (8)	Reduced EBS in Fill (9)	Expanded Marsh Backfill (10)	Unexpanded Fill	Expanded Fill (13)	Mass Ordinate + / - (14)	Waste	Borrow (15)	Comment:
			Cut (2)	EBS Excavation (3)		(item #205.0500)	Factor 0.50	Factor 0.95	Factor 1.50		Factor 1.33			Factor 1.15 / 1.33 (item #208.0100)	
Division 1															
WB Mainline 1	745+60.12 - 1037+00		243,076	33,969	243,076	16,546	8,273	32,270	24,819	375,278	445,197	-202,121	0	-174,766	7,635 CY UNEXPANDED FILL REPLACED BY FOUNDRY SAND
WB Mainline 2	1037+00 - 1127+81.64		97,020	9,483	97,020	0	0	9,009	0	213,671	272,200	-175,180	0	-151,471	19,810 CY UNEXPANDED FILL REPLACED BY FOUNDRY SAND
Old Plank Trail	787+96.23 - 997+51.74		85,200	1,745	85,200	0	0	1,657	0	145,999	191,974	-106,774	0	-92,323	
Chickadee Rd	45+89 - 49+20.83		66	0	66	0	0	0	0	957	1,273	-1,207	0	-1,044	
Sunrise Rd	47+00 - 48+37.33		292	0	292	0	0	0	0	1,548	2,059	-1,767	0	-1,528	
CTH U	51+37.32 - 54+92.09		1,166	0	1,166	0	0	0	0	2,438	3,243	-2,077	0	-1,796	
Spring Valley Dr	46+45.41 - 48+54.49		243	0	243	0	0	0	0	2,401	3,194	-2,951	0	-2,552	
Scenic View South	47+13.61 - 48+91.65		516	0	516	0	0	0	0	224	297	218	218	0	
Scenic View North	51+53.92 - 52+71.54		634	104	634	0	0	99	0	0	-131	766	766	0	
CTH T North	51+43.96 - 53+00		642	0	642	0	0	0	0	32	42	600	600	0	
CTH T South	51+53.92 - 52+71.54		335	0	335	0	0	0	0	1	2	333	333	0	
Sugarbush Rd	51+52.62 - 52+43.5		68	84	68	0	0	80	0	46	-45	114	114	0	
CTH A	51+44.03 - 59+12.5		411	0	411	0	0	0	0	5,352	7,118	-6,706	0	-5,798	
Castle Rock	50+75.53 - 51+39		35	0	35	0	0	0	0	1	2	33	33	0	
Julie Ct Cul du Sac	51+02.65 - 52+35.46		883	0	883	0	0	0	0	228	303	580	580	0	
Ridge Rd Cul du Sac	51+32.41 - 53+19.64		152	0	152	0	0	0	0	1,342	1,785	-1,633	0	-1,412	
CTH S North	51+32.41 - 53+19.64		54	0	54	0	0	0	0	517	688	-634	0	-548	
Twinkle Ln	06+00 - 18+18.76		7,766	0	7,766	0	0	0	0	833	1,108	6,658	6,658	0	
Sandstone	25+00 - 32+70.58		4,014	0	4,014	0	0	0	0	245	326	3,688	3,688	0	
Inez - Branch Rd	0+31.75 - 29+62		6,385	0	6,385	0	0	0	0	856	1,139	5,246	5,246	0	
Boeckman Driveway	0+00 - 2+92		324	0	324	0	0	0	0	5	7	318	318	0	
Division 1 Subtotal			449,284	45,385	449,284	16,546	8,273	43,115	24,819	751,974	931,779	-482,495		417,195	
Grand Total			449,284	45,385	449,284	16,546	8,273	43,115	24,819	751,974	931,779	-482,495	18,553	417,195	
		Total Common Exc		495,000.00	Total Marsh Exc	17,000.00		Total Select Borrow:	25,000.00				Total Borrow	417,000.00	

1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
2) Salvaged/Unsuable Pavement Material is included in Cut.
3) EBS Excavation to be backfilled with Pit Run. Item 313.0110 is located in the Aggregate Summary
5) Available Material = Cut - Salvaged/Unusuable Pavement Material
8) Reduced Marsh in Fill - Excavated Marsh material is usuable in Fills outside the 1:1 slope. Marsh in Fill Reduction factor = 0.5
9) Reduced EBS in Fill - Excavated EBS material is usuable in Fills outside the 1:1 slope. EBS in Fill Reduction factor = 0.95
10) Expanded Marsh Backfill - This is to be filled with Select Borrow material. Marsh Backfill Factor = 1.5. Item number 208.1100
13) Expanded Fill. Factor = 1.33
Depending on selections: **Expanded Fill = (Unexpanded Fill - Reduced Marsh - Reduced EBS) * Fill Factor**
14) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.
15) Borrow Factor = 1.15/1.33

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

3

BASE AGGREGATE SUMMARY

1440-13-71

STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	*305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	*313.0110 PIT RUN TON	*624.0100 WATER MGAL	REMARKS
13+74	-	15+36	JULIE CT CUL DU SAC	30	570	---	8.4	
51+07	-	52+25	RIDGE RD CU DU SAC	30	580	---	8.5	
4+87	-	16+60	TWINKLE LN REALIGN	270	2750	---	43	
24+01	-	32+71	SANDSTONE LN	170	2000	---	30	
0+00	-	29+65	INEZ CT - BRANCH RD	600	5200	---	81	
745+60	-	780+90	STH 23 WB	---	---	13900	---	EBS AREAS SHOWN ON TYPICALS AND FROST HEAVE DETAIL
745+60	-	771+50	STH 23 EB	---	---	8450	---	EBS AREAS SHOWN ON TYPICALS AND FROST HEAVE DETAIL
780+90	-	819+70	STH 23 WB	---	---	16450	---	EBS AREAS SHOWN ON TYPICALS
819+70	-	870+00	STH 23 WB	---	---	4450	---	EBS AREAS SHOWN ON TYPICALS AND FROST HEAVE DETAIL
878+00	-	882+00	STH 23 WB	---	---	3100	---	FROST HEAVE DETAIL
885+50	-	888+70	STH 23 WB	---	---	3150	---	FROST HEAVE DETAIL
888+70	-	893+00	STH 23 WB	---	---	4500	---	FROST HEAVE DETAIL
905+50	-	907+50	STH 23 WB	---	---	2000	---	FROST HEAVE DETAIL
909+50	-	912+00	STH 23 WB	---	---	2100	---	FROST HEAVE DETAIL
941+50	-	943+50	STH 23 WB	---	---	1750	---	FROST HEAVE DETAIL
950+00	-	970+00	STH 23 WB	---	---	9200	---	FROST HEAVE DETAIL
989+00	-	991+00	STH 23 WB	---	---	2850	---	FROST HEAVE DETAIL
993+00	-	999+50	STH 23 WB	---	---	5200	---	FROST HEAVE DETAIL
1005+00	-	1009+00	STH 23 WB	---	---	1200	---	EBS AREAS SHOWN ON TYPICALS
1016+50	-	1018+50	STH 23 WB	---	---	1800	---	FROST HEAVE DETAIL
1024+00	-	1030+50	STH 23 WB	---	---	5050	---	FROST HEAVE DETAIL
1040+50	-	1051+00	STH 23 WB	---	---	7600	---	FROST HEAVE DETAIL
1067+00	-	1069+50	STH 23 WB	---	---	2100	---	FROST HEAVE DETAIL
1074+50	-	1083+00	STH 23 WB	---	---	6750	---	FROST HEAVE DETAIL
			SUBTOTAL	1100	11100	101600	171	

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

FRENCH DRAIN AREAS

1440-13-71

STATION	TO	STATION	LOCATION	*313.0110 PIT RUN TON	REMARKS
745+60	-	763+00	STH 23 WB	134	20" DEPTH
763+00	-	768+00	STH 23 EB & WB	57	36" DEPTH
768+00	-	777+67	STH 23 WB	43	20" DEPTH
777+67	-	800+00	STH 23 WB	124	20" DEPTH
800+00	-	818+00	STH 23 WB	104	20" DEPTH
818+00	-	837+00	STH 23 WB	138	20" DEPTH
837+00	-	841+00	STH 23 WB	34	36" DEPTH
841+00	-	868+00	STH 23 WB	260	20" DEPTH
868+00	-	870+00	STH 23 WB	40	36" DEPTH
878+00	-	882+00	STH 23 WB	26	36" DEPTH
885+50	-	890+00	STH 23 WB	40	36" DEPTH
891+00	-	893+00	STH 23 WB	20	36" DEPTH
905+50	-	907+50	STH 23 WB	48	36" DEPTH
909+50	-	912+00	STH 23 WB	36	36" DEPTH
941+50	-	943+50	STH 23 WB	30	36" DEPTH
950+00	-	967+00	STH 23 WB	131	20" DEPTH
967+00	-	970+00	STH 23 WB	32	36" DEPTH
989+00	-	991+00	STH 23 WB	32	36" DEPTH
993+00	-	994+50	STH 23 WB	30	36" DEPTH
996+00	-	999+50	STH 23 WB	26	36" DEPTH
1005+00	-	1009+00	STH 23 WB	41	36" DEPTH
1016+50	-	1018+50	STH 23 WB	23	36" DEPTH
1024+00	-	1025+50	STH 23 WB	24	36" DEPTH
1026+50	-	1030+50	STH 23 WB	48	36" DEPTH
1040+50	-	1043+00	STH 23 WB	35	36" DEPTH
1044+50	-	1051+00	STH 23 WB	42	36" DEPTH
1067+00	-	1069+50	STH 23 WB	38	36" DEPTH
1074+50	-	1076+00	STH 23 WB	21	36" DEPTH
1077+50	-	1083+00	STH 23 WB	46	36" DEPTH
1132+00	-	1133+00	STH 23 WB	28	36" DEPTH
1136+00	-	1137+00	STH 23 WB	36	36" DEPTH
			SUBTOTAL	1767	

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TEMPORARY DRIVEWAY ACCESS BASE AGGREGATE

1440-13-71

STATION	LOCATION	*305.01200 BASE AGGREGATE DENSE 1 1/4-INCH TON	*624.0100 WATER MGAL	520.4024 CULVERT PIPE TEMP. 24-INCH LF	REMARKS
757+06	STH 23 WB LT	70	0.98	---	COOPER DRIVEWAY
767+09	STH 23 WB RT	240	3.36	50	BARTZ DRIVEWAY
767+11	STH 23 WB LT	310	4.34	46	COOPER DRIVEWAY
777+62	STH 23 WB RT	180	2.52	44	BARTZ DRIVEWAY
779+74	CHICKADEE RD	260	3.64	64	CONNECTION TO STH 23
782+64	STH 23 WB RT	140	1.96	42	BARTZ DRIVEWAY
786+50	STH 23 WB RT	40	0.56	---	SCHNIEDER DRIVEWAY
795+86	STH 23 WB RT	180	2.52	44	SCHNIEDER DRIVEWAY
801+00	STH 23 WB LT	90	1.26	38	LIMBERG DRIVEWAY
804+20	CTH U	80	1.12	0	CONNECTION TO STH 23
815+00	STH 23 WB RT	75	1.05	34	KRAEMER DRIVEWAY
815+66	STH 23 WB LT	290	4.06	50	KRAEMER DRIVEWAY
820+34	STH 23 WB	---	---	74	DRAINING MEDIAN
824+66	STH 23 WB RT	70	0.98	36	SOBCZAK DRIVEWAY
824+82	STH 23 WB LT	120	1.68	42	WIRTZ DRIVEWAY
831+00	STH 23 WB LT	90	1.26	40	WIRTZ DRIVEWAY
833+73	STH 23 WB RT	160	2.24	44	LIMBERG DRIVEWAY
840+05	STH 23 WB LT	460	6.44	64	LIMBERG DRIVEWAY
841+40	STH 23 WB RT	80	1.12	38	MELIS DRIVEWAY
861+30	STH 23 WB LT	540	7.56	60	LIMBERG DRIVEWAY
908+33	STH 23 WB RT	120	1.68	40	PHIPPS DRIVEWAY
911+00	STH 23 WB LT	660	9.24	62	SIPPEL DRIVEWAY
923+00	STH 23 WB RT	180	2.52	44	HISTORICAL SOC. OF WI
932+92	STH 23 WB LT	400	5.6	58	ERNST DRIVEWAY
937+91	STH 23 WB LT	240	3.36	46	ERNST DRIVEWAY
942+00	STH 23 WB LT	250	3.5	50	ERNST DRIVEWAY
952+65	STH 23 WB LT	580	8.12	68	WESSEL DRIVEWAY
954+37	PLANK RD	240	3.36	64	CONNECTION TO STH 23
970+07	SUGARBUSH RD	70	0.98	---	CONNECTION TO STH 23
986+85	CTH A	70	0.98	---	CONNECTION TO STH 23
999+05	STH 23 WB RT	100	1.4	46	WATERS DRIVEWAY
1014+15	PLANK RD	310	4.34	66	CONNECTION TO STH 23
1014+37	STH 23 WB LT	100	1.4	38	THACKRAY DRIVEWAY
1019+21	STH 23 WB RT	110	1.54	40	SHEBOYGAN CTY.
1048+71	STH 23 WB RT	170	2.38	44	DeMUNCK DRIVEWAY
1052+61	STH 23 WB LT	170	2.38	46	HEIN DRIVEWAY
1058+50	STH 23 WB LT	100	1.4	38	DeMUNCK DRIVEWAY
1071+70	STH 23 EB RT	110	1.54	40	DeMUNCK DRIVEWAY
1075+64	STH 23 EB RT	120	1.68	48	
1086+07	CTH S	100	1.4	---	CONNECTION TO STH 23
1091+31	STH 23 WB RT	85	1.19	40	DAVIES DRIVEWAY
1097+11	STH 23 WB LT	80	1.12	38	GALSTAD DRIVEWAY
1102+33	STH 23 WB RT	160	2.24	52	McMULLEN DRIVEWAY
	SUBTOTALS	8000	112	1778	

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

INDUSTRIAL BYPRODUCT - FOUNDRY SAND

STATION	TO	STATION	640.0200.S PLACING CY	640.0250.S HAULING TON*
972+00	-	978+00	4425	6972
1033+00	-	1036+75	3210	5057
1038+35	-	1040+00	1700	2678
1087+00	-	1093+50	4240	6680
1101+00	-	1120+00	13870	21852
PROJECT TOTALS			**27450**	**43250**

* USING 1.37 TON/CY AND AN EXPANSION FACTOR OF 1.15

DUST CONTROL SUMMARY

1440-13-71

STATION	TO	STATION	LOCATION	*624.0100 WATER MGAL
746+00	-	1138+00	PROJECT	2110
			SUBTOTAL	2110

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

AGGREGATE SUMMARY

1440-13-71

	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	313.0110 PIT RUN TON	624.0100 WATER MGAL	520.4024 CULVERT PIPE TEMP. 24-INCH LF
PROJECT TOTALS	**1100**	**26300**	**103400**	**2500**	**1778**

DRIVEWAY BASE AGGREGATE

1440-13-71

STATION	LOCATION	*305.01200 BASE AGGREGATE DENSE 1 1/4-INCH TON	*624.0100 WATER MGAL	REMARKS
757+06	STH 23 WB LT	70	0.98	COOPER DRIVEWAY
767+09	STH 23 EB RT	240	3.36	BARTZ DRIVEWAY
767+11	STH 23 WB LT	310	4.34	COOPER DRIVEWAY
777+62	STH 23 EB RT	180	2.52	BARTZ DRIVEWAY
782+64	STH 23 EB RT	220	3.08	BARTZ DRIVEWAY
786+50	STH 23 EB RT	75	1.05	SCHNIEDER DRIVEWAY
795+86	STH 23 EB RT	230	3.22	SCHNIEDER DRIVEWAY
801+00	STH 23 WB LT	90	1.26	LIMBERG DRIVEWAY
812+20	STH 23 WB LT	100	1.4	KRAEMER DRIVEWAY
815+00	STH 23 EB RT	290	4.06	KRAEMER DRIVEWAY
824+66	STH 23 EB RT	60	0.84	SOBCZAK DRIVEWAY
824+82	STH 23 WB LT	120	1.68	WIRTZ DRIVEWAY
831+00	STH 23 WB LT	90	1.26	WIRTZ DRIVEWAY
833+73	STH 23 EB RT	140	1.96	LIMBERG DRIVEWAY
840+05	STH 23 WB LT	460	6.44	LIMBERG DRIVEWAY
841+40	STH 23 EB RT	100	1.4	MELIS DRIVEWAY
861+30	STH 23 WB LT	540	7.56	LIMBERG DRIVEWAY
908+33	STH 23 EB RT	440	6.16	PHIPPS DRIVEWAY
911+00	STH 23 WB LT	660	9.24	SIPPEL DRIVEWAY
932+92	STH 23 WB LT	400	5.6	ERNST DRIVEWAY
932+92	STH 23 EB RT	440	6.16	OLD WADE HOUSE DWY
937+91	STH 23 WB LT	240	3.36	ERNST DRIVEWAY
942+00	STH 23 WB LT	250	3.5	ERNST DRIVEWAY
952+65	STH 23 WB LT	570	7.98	WESSEL DRIVEWAY
1014+37	STH 23 WB LT	100	1.4	THACKRAY DRIVEWAY
1019+55	STH 23 WB LT	120	1.68	SHEBOYGAN COUNTY
1052+61	STH 23 WB LT	170	2.38	HEIN DRIVEWAY
1058+50	STH 23 WB LT	100	1.4	DeMUNCK DRIVEWAY
1097+11	STH 23 WB LT	330	4.62	GALSTAD DRIVEWAY
4+00	INEZ - BRANCH RD RT	30	0.42	RORTVEDT DRIVEWAY
24+60	INEZ - BRANCH RD RT	50	0.7	BERMKE DRIVEWAY
	SUBTOTALS	7215	101.0	

ASPHALTIC CONCRETE PAVEMENT SUMMARY

1440-13-71

STATION	TO	STATION	LOCATION	455.0105 ASPHALTIC MATERIAL PG58-28 TON	455.0605 TACK COAT GAL	460.1100 HMA PAVEMENT TYPE E-0.3 TON	465.0120 ASPHALTIC MATERIAL DRIVEWAYS AND FIELD ENTRANCES TON	REMARKS
13+00	-	14+56	JULIE CT	14	66	252	---	
51+07	-	52+25	RIDGE RD CUL DU SAC	13	62	239	---	
4+87	-	16+60	TWINKLE LN REALIGN	44	210	806	---	
24+01	-	32+71	SANDSTONE LN	32	150	575	---	
0+09	-	29+65	INEZ CT-BRANCH RD	89	424	1625	---	
0+00	-	2+45	BOECKMANN DRIVEWAY	---	---	---	62	2"
			PROJECT TOTALS	**190**	**910**	**3500**	**62**	

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010
UNLESS NOTED OTHERWISE

CULVERT PIPE SUMMARY

1440-13-71

** STATION	LOCATION	CLASS	INLET ELEV.	DISCH. ELEV.	*504.0900 CONCRETE MASONRY ENDWALL CY	*521.0136 CPCS 36-INCH LF	*522.0124 CPRC CLASS III 24-INCH LF	*522.0130 CPRC CLASS III 30-INCH LF	*522.0136 CPRC CLASS III 36-INCH LF	*522.0142 CPRC CLASS III 42-INCH LF	*522.0148 CPRC CLASS III 48-INCH LF	*522.0154 CPRC CLASS III 54-INCH LF	*522.0160 CPRC CLASS III 60-INCH LF	522.0324 CPRC CLASS IV 24-INCH LF	522.0330 CPRC CLASS IV 30-INCH LF
*** UNDERNEATH WB AND EB MAINLINE															
754+84	STH 23	III	1036.8	1032.4	---	46	---	---	---	---	106	---	---	---	---
772+56	STH 23	III	1012.7	1011.3	---	---	170	---	---	---	---	---	---	---	---
784+60	STH 23	III	1005.0	1003.4	4.4	---	---	---	---	---	170	---	---	---	---
809+50	STH 23	III	993.9	993.2	6.5	---	---	---	---	---	---	208	---	---	---
819+00	STH 23	III	994.4	991.8	---	---	---	---	111	---	---	---	---	---	---
848+71	STH 23	III	979.0	976.5	---	---	---	---	---	---	---	---	122	---	---
862+49	STH 23	III	992.2	988.7	---	---	---	---	---	138	---	---	---	---	---
888+16	STH 23	IV	1042.0	1039.5	---	---	---	---	---	---	---	---	---	92	---
904+83	STH 23	III	1000.2	996.2	3.6	---	---	---	---	256	---	---	---	---	---
913+52	STH 23	III	991.0	986.6	---	---	82	---	---	---	---	---	---	---	---
919+03	STH 23	III	988.7	984.0	---	---	86	---	---	---	---	---	---	---	---
928+72	STH 23	III	981.5	977.1	---	---	98	---	---	---	---	---	---	---	---
936+37	STH 23	III	983.6	982.0	---	---	---	---	108	---	---	---	---	---	---
1002+02	STH 23	IV	982.6	978.2	---	---	---	---	---	---	---	---	---	---	154
1034+53	STH 23	IV	1097.8	1092.5	---	---	---	---	---	---	---	---	---	---	129
1056+00	STH 23	III	1133.0	1128.8	---	---	---	---	---	105	---	---	---	---	---
UNDERNEATH WB MAINLINE															
778+00	STH 23	III	1009.4	1009.0	---	---	100	---	---	---	---	---	---	---	---
798+81	STH 23	III	999.4	998.7	---	---	94	---	---	---	---	---	---	---	---
807+00	STH 23	III	999.1	996.1	---	---	102	---	---	---	---	---	---	---	---
863+00	STH 23	III	1005.4	1004.5	---	---	94	---	---	---	---	---	---	---	---
904+00	STH 23	III	1007.1	1006.2	---	---	---	92	---	---	---	---	---	---	---
906+00	STH 23	III	1000.4	995.6	---	---	---	---	---	---	76	---	---	---	---
967+00	STH 23	III	979.0	978.1	---	---	83	---	---	---	---	---	---	---	---
978+00	STH 23	III	974.6	973.7	---	---	---	93	---	---	---	---	---	---	---
990+30	STH 23	III	987.9	987.0	---	---	107	---	---	---	---	---	---	---	---
1001+00	STH 23	III	999.7	998.7	---	---	---	97	---	---	---	---	---	---	---
1025+24	STH 23	III	1071.9	1070.5	---	---	91	---	---	---	---	---	---	---	---
1032+00	STH 23	III	1097.2	1094.4	---	---	98	---	---	---	---	---	---	---	---
1053+00	STH 23	III	1136.9	1134.4	---	---	93	---	---	---	---	---	---	---	---
1062+49	STH 23	III	1141.0	1140.8	---	---	91	---	---	---	---	---	---	---	---
1084+00	STH 23	III	1136.0	1135.4	---	---	75	---	---	---	---	---	---	---	---
1098+29	STH 23	III	1076.2	1074.8	---	---	87	---	---	---	---	---	---	---	---
UNDERNEATH CROSSOVERS															
767+06	STH 23	III	1043.1	1040.5	---	---	74	---	---	---	---	---	---	---	---
820+90	STH 23	III	1001.4	1000.6	---	---	162	---	---	---	---	---	---	---	---
840+23	STH 23	III	993.7	992.8	---	---	74	---	---	---	---	---	---	---	---
932+60	STH 23	III	988.4	987.7	---	---	74	---	---	---	---	---	---	---	---
1019+07	STH 23	III	1050.3	1046.2	---	---	74	---	---	---	---	---	---	---	---
UNDERNEATH J-TURN TURNAROUNDS															
901+45	STH 23 MEDIAN	III	1016.8	1013.2	---	---	131	---	---	---	---	---	---	---	---
944+35	STH 23 MEDIAN	III	993.2	992.2	---	---	124	---	---	---	---	---	---	---	---
SUB TOTALS					15	46	2264	282	219	499	352	208	122	92	283

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

** NOTE: BASED OFF OF WESTBOUND REF LINE

*** VERIFY CONDITIONS OF EXISTING PIPES BEING EXTENDED

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

CULVERT PIPE SUMMARY CONTINUED

1440-13-71

** STATION	LOCATION	CLASS	INLET ELEV.	DISCH. ELEV.	*521.1036 APRON ENDWALLS FOR CPCS 36-INCH EACH	*522.1024 APRON ENDWALLS FOR CPRC 24-INCH EACH	*522.1030 APRON ENDWALLS FOR CPRC 30-INCH EACH	*522.1036 APRON ENDWALLS FOR CPRC 36-INCH EACH	*522.1042 APRON ENDWALLS FOR CPRC 42-INCH EACH	*522.1048 APRON ENDWALLS FOR CPRC 48-INCH EACH	*522.1060 APRON ENDWALLS FOR CPRC 60-INCH EACH	*633.5200 CULVERT MARKER ENDS EACH	**** JOINT TIES EACH
*** UNDERNEATH WB AND EB MAINLINE													
754+84	STH 23	III	1036.8	1032.4	1	---	---	---	---	1	---	1	6
772+56	STH 23	III	1012.7	1011.3	---	1	---	---	---	---	---	1	6
784+60	STH 23	III	1005.0	1003.4	---	---	---	---	---	---	---	1	---
809+50	STH 23	III	993.9	993.2	---	---	---	---	---	---	---	1	---
819+00	STH 23	III	994.4	991.8	---	---	---	1	---	---	---	1	6
848+71	STH 23	III	979.0	976.5	---	---	---	---	---	---	1	1	6
862+49	STH 23	III	992.2	988.7	---	---	---	---	1	---	---	1	6
888+16	STH 23	IV	1042.0	1039.5	---	1	---	---	---	---	---	1	6
904+83	STH 23	III	1000.2	996.2	---	---	---	---	---	---	---	1	---
913+52	STH 23	III	991.0	986.6	---	1	---	---	---	---	---	1	6
919+03	STH 23	III	988.7	984.0	---	1	---	---	---	---	---	1	6
928+72	STH 23	III	981.5	977.1	---	1	---	---	---	---	---	1	6
936+37	STH 23	III	983.6	982.0	---	---	---	1	---	---	---	1	6
1002+02	STH 23	IV	982.6	978.2	---	---	1	---	---	---	---	1	6
1034+53	STH 23	IV	1097.8	1092.5	---	---	1	---	---	---	---	1	6
1056+00	STH 23	III	1133.0	1128.8	---	---	---	---	1	---	---	1	6
UNDERNEATH WB MAINLINE													
778+00	STH 23	III	1009.4	1009.0	---	1	---	---	---	---	---	1	6
798+81	STH 23	III	999.4	998.7	---	1	---	---	---	---	---	1	6
807+00	STH 23	III	999.1	996.1	---	1	---	---	---	---	---	1	6
863+00	STH 23	III	1005.4	1004.5	---	1	---	---	---	---	---	1	6
904+00	STH 23	III	1007.1	1006.2	---	---	1	---	---	---	---	1	6
906+00	STH 23	III	1000.4	995.6	---	---	---	---	---	1	---	1	6
967+00	STH 23	III	979.0	978.1	---	1	---	---	---	---	---	1	6
978+00	STH 23	III	974.6	973.7	---	---	1	---	---	---	---	1	6
990+30	STH 23	III	987.9	987.0	---	1	---	---	---	---	---	1	6
1001+00	STH 23	III	999.7	998.7	---	---	1	---	---	---	---	1	6
1025+24	STH 23	III	1071.9	1070.5	---	1	---	---	---	---	---	1	6
1032+00	STH 23	III	1097.2	1094.4	---	1	---	---	---	---	---	1	6
1053+00	STH 23	III	1136.9	1134.4	---	1	---	---	---	---	---	1	6
1062+49	STH 23	III	1141.0	1140.8	---	1	---	---	---	---	---	1	6
1084+00	STH 23	III	1136.0	1135.4	---	1	---	---	---	---	---	1	6
1098+29	STH 23	III	1076.2	1074.8	---	1	---	---	---	---	---	1	6
UNDERNEATH CROSSOVERS													
767+06	STH 23	III	1043.1	1040.5	---	1	---	---	---	---	---	1	12
820+90	STH 23	III	1001.4	1000.6	---	1	---	---	---	---	---	1	12
840+23	STH 23	III	993.7	992.8	---	1	---	---	---	---	---	1	12
932+60	STH 23	III	988.4	987.7	---	1	---	---	---	---	---	1	12
1019+07	STH 23	III	1050.3	1046.2	---	1	---	---	---	---	---	1	12
UNDERNEATH J-TURN TURNAROUNDS													
901+45	STH 23 MEDIAN	III	1016.8	1013.2	---	2	---	---	---	---	---	2	12
944+35	STH 23 MEDIAN	III	993.2	992.2	---	2	---	---	---	---	---	2	12
SUB TOTALS					1	26	5	2	2	2	1	41	258

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** NOTE: BASED OFF OF WESTBOUND REF LINE
*** VERIFY CONDITIONS OF EXISTING PIPES BEING EXTENDED
**** INCIDENTAL

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

CULVERT PIPE SUMMARY CONTINUED

1440-13-71

STATION	LOCATION	CLASS	INLET ELEV.	DISCH. ELEV.	*504.0900 CONCRETE MASONRY ENDWALL CY	*522.0124 CPRC CLASS III 24-INCH LF	*522.0130 CPRC CLASS III 30-INCH LF	*522.0136 CPRC CLASS III 36-INCH LF	*522.0142 CPRC CLASS III 42-INCH LF	*522.0148 CPRC CLASS III 48-INCH LF	*522.0154 CPRC CLASS III 54-INCH LF	*522.0160 CPRC CLASS III 60-INCH LF	*522.1024 APRON ENDWALLS FOR CPRC 24-INCH EACH	*522.1030 APRON ENDWALLS FOR CPRC 30-INCH EACH	*522.1036 APRON ENDWALLS FOR CPRC 36-INCH EACH
*** UNDERNEATH OLD PLANK TRAIL															
797+58	OLD PLANK TRAIL	III	1032.4	1030.3	---	---	---	---	---	94	---	---	---	---	---
815+97	OLD PLANK TRAIL	III	1011.3	1010.6	---	100	---	---	---	---	---	---	2	---	---
827+89	OLD PLANK TRAIL	III	1003.4	1003.1	4.4	---	---	---	---	71	---	---	---	---	---
846+40	OLD PLANK TRAIL	III	995.8	995.4	---	50	---	---	---	---	---	---	2	---	---
853+25	OLD PLANK TRAIL	III	994	993.9	6.5	---	---	---	---	---	94	---	---	---	
862+75	OLD PLANK TRAIL	III	997.9	997.2	---	---	---	26	---	---	---	---	---	---	2
892+40	OLD PLANK TRAIL	III	979.1	979.0	---	---	---	---	---	---	---	36	---	---	---
905+05	OLD PLANK TRAIL	III	992.1	991.9	---	83	---	---	---	---	---	---	2	---	---
907+06	OLD PLANK TRAIL	III	994.7	993.8	---	---	---	---	48	---	---	---	---	---	---
932+54	OLD PLANK TRAIL	III	1038.8	1038.7	---	44	---	---	---	---	---	---	2	---	---
933+07	OLD PLANK TRAIL	III	1039.9	1039.8	---	44	---	---	---	---	---	---	2	---	---
949+31	OLD PLANK TRAIL	III	996.2	992.6	7.2	---	---	---	115	---	---	---	---	---	---
955+87	OLD PLANK TRAIL	III	991.3	986.7	---	81	---	---	---	---	---	---	2	---	---
957+48	OLD PLANK TRAIL	III	987.3	986.4	---	41	---	---	---	---	---	---	2	---	---
962+95	OLD PLANK TRAIL	III	981.7	980.3	---	48	---	---	---	---	---	---	2	---	---
972+95	OLD PLANK TRAIL	III	978.0	977.2	---	42	---	---	---	---	---	---	1	---	---
980+34	OLD PLANK TRAIL	III	982.0	978.8	---	---	---	61	---	---	---	---	---	---	2
982+96	OLD PLANK TRAIL	III	980.9	978.8	---	45	---	---	---	---	---	---	2	---	---
997+88	OLD PLANK TRAIL	III	988.8	980.78	---	66	---	---	---	---	---	---	2	---	---
UNDERNEATH CROSSROADS															
49+29	CHICKADEE ROAD	III	1006.6	1006.1	---	91	---	---	---	---	---	---	2	---	---
52+00	SUNRISE ROAD	III	992.5	989.9	---	106	---	---	---	---	---	---	2	---	---
51+00	CTH A NORTHEND	III	981.8	978.0	---	117	---	---	---	---	---	---	2	---	---
0+98	INEZ COURT	III	917.0	916.7	---	50	---	---	---	---	---	---	2	---	---
1+75	INEZ COURT - BRANCH ROAD	III	917.4	917	---	46	---	---	---	---	---	---	2	---	
10+15	INEZ COURT - BRANCH ROAD	III	914.9	914.6	---	44	---	---	---	---	---	---	2	---	---
27+71	BRANCH ROAD	III	918.8	915.1	---	106	---	---	---	---	---	---	2	---	---
SUB TOTALS					19	1204	0	87	163	165	94	36	35	0	4

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

*** VERIFY CONDITIONS OF EXISTING PIPES BEING EXTENDED

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

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CULVERT PIPE SUMMARY CONTINUED

1440-13-71

STATION	LOCATION	CLASS	INLET ELEV.	DISCH. ELEV.	*522.1042 APRON ENDWALLS FOR CPRC 42-INCH EACH	*522.1048 APRON ENDWALLS FOR CPRC 48-INCH EACH	*522.1060 APRON ENDWALLS FOR CPRC 60-INCH EACH	*633.5200 CULVERT MARKER ENDS EACH	**** JOINT TIES EACH
				*** UNDERNEATH OLD PLANK TRAIL					
797+58	OLD PLANK TRAIL	III	1032.4	1030.3	---	1	---	1	6
815+97	OLD PLANK TRAIL	III	1011.3	1010.6	---	---	---	2	12
827+89	OLD PLANK TRAIL	III	1003.4	1003.1	---	---	---	2	---
846+40	OLD PLANK TRAIL	III	995.8	995.4	---	---	---	2	12
853+25	OLD PLANK TRAIL	III	994	993.9	---	---	---	2	---
862+75	OLD PLANK TRAIL	III	997.9	997.2	---	---	---	2	6
892+40	OLD PLANK TRAIL	III	979.1	979.0	---	---	1	1	6
905+05	OLD PLANK TRAIL	III	992.1	991.9	---	---	---	2	12
907+06	OLD PLANK TRAIL	III	994.7	993.8	2	---	---	2	12
932+54	OLD PLANK TRAIL	III	1038.8	1038.7	---	---	---	2	12
933+07	OLD PLANK TRAIL	III	1039.9	1039.8	---	---	---	2	12
949+31	OLD PLANK TRAIL	III	996.2	992.6	---	---	---	2	---
955+87	OLD PLANK TRAIL	III	991.3	986.7	---	---	---	2	12
957+48	OLD PLANK TRAIL	III	987.3	986.4	---	---	---	2	12
962+95	OLD PLANK TRAIL	III	981.7	980.3	---	---	---	2	12
972+95	OLD PLANK TRAIL	III	978.0	977.2	---	---	---	1	6
980+34	OLD PLANK TRAIL	III	982.0	978.8	---	---	---	2	12
982+96	OLD PLANK TRAIL	III	980.9	978.8	---	---	---	2	12
997+88	OLD PLANK TRAIL	III	988.8	980.78	---	---	---	2	12
				UNDERNEATH CROSSROADS					
49+29	CHICKADEE ROAD	III	1006.6	1006.1	---	---	---	2	12
52+00	SUNRISE ROAD	III	992.5	989.9	---	---	---	2	12
51+00	CTH A NORTHEND	III	981.8	978.0	---	---	---	2	12
0+98	INEZ COURT - BRANCH ROAD	III	917.0	916.7	---	---	---	2	12
1+75	INEZ COURT - BRANCH ROAD	III	917.4	917	---	--	---	2	12
10+15	INEZ COURT - BRANCH ROAD	III	914.9	914.6	---	---	---	2	12
27+71	BRANCH ROAD	III	918.8	915.1	---	---	---	2	12
	SUB TOTALS				2	1	1	49	252

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

*** VERIFY CONDITIONS OF EXISTING PIPES BEING EXTENDED

**** INCIDENTAL

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

CULVERT PIPE SUMMARY CONTINUED

** STATION	LOCATION	521.0112 CPCS 12-INCH LF	*521.0124 CPCS 24-INCH LF	*521.0136 CPCS 36-INCH LF	521.0142 CPCS 42-INCH LF	521.1012 APRON ENDWALLS FOR CPCS 12-INCH EACH	1440-13-71 *521.1024 APRON ENDWALLS FOR CPCS 24-INCH EACH	*521.1036 APRON ENDWALLS FOR CPCS 36-INCH EACH	521.1042 APRON ENDWALLS FOR CPCS 42-INCH EACH	**** ENDWALL CONNECTOR STRAP EACH	REMARKS
757+06	UNDERNEATH COOPER DRIVEWAY	---	38	---	---	---	2	---	---	2	1) BETWEEN TRAIL & 23 2) TRAIL & R/W
767+09	UNDERNEATH BARTZ DRIVEWAY	---	104	---	---	---	4	---	---	4	1) BETWEEN TRAIL & 23 2) TRAIL & R/W
771+13	UNDERNEATH COOPER DRIVEWAY	---	40	---	---	---	2	---	---	2	---
771+13	UNDERNEATH BARTZ PATH	---	40	---	---	---	---	---	---	---	SEE NOTE (A) BELOW
777+62	UNDERNEATH BARTZ DRIVEWAY	---	72	---	---	---	4	---	---	4	1) BETWEEN TRAIL & 23 2) TRAIL & R/W
782+64	UNDERNEATH BARTZ DRIVEWAY	---	84	---	---	---	4	---	---	4	1) BETWEEN TRAIL & 23 2) TRAIL & R/W
786+50	UNDERNEATH SCHNEIDER DRIVEWAY	---	92	---	---	---	4	---	---	4	1) BETWEEN TRAIL & 23 2) TRAIL & R/W
795+86	UNDERNEATH SCHNEIDER DRIVEWAY	---	72	---	---	---	4	---	---	4	1) BETWEEN TRAIL & 23 2) TRAIL & R/W
801+00	UNDERNEATH LIMBERG DRIVEWAY	---	40	---	---	---	2	---	---	2	---
812+20	UNDERNEATH KRAEMER DRIVEWAY	---	42	---	---	---	2	---	---	2	---
815+00	UNDERNEATH KRAEMER DRIVEWAY	---	104	---	---	---	4	---	---	4	1) BETWEEN TRAIL & 23 2) TRAIL & R/W
824+66	UNDERNEATH SOBCZAK DRIVEWAY	---	72	---	---	---	4	---	---	4	1) BETWEEN TRAIL & 23 2) TRAIL & R/W
824+82	UNDERNEATH WIRTZ DRIVEWAY	---	30	---	---	---	2	---	---	2	---
831+00	UNDERNEATH WIRTZ DRIVEWAY	---	32	---	---	---	2	---	---	2	---
833+73	UNDERNEATH LIMBERG DRIVEWAY	---	80	---	---	---	4	---	---	4	1) BETWEEN TRAIL & 23 2) TRAIL & R/W
833+76	JNDERNEATH SNOWMOBILE CROSSIN(	---	42	---	---	---	2	---	---	2	SEE NOTE (B) BELOW
840+05	UNDERNEATH LIMBERG DRIVEWAY	---	56	---	---	---	2	---	---	2	---
841+40	UNDERNEATH MELIS DRIVEWAY	---	76	---	---	---	4	---	---	4	1) BETWEEN TRAIL & 23 2) TRAIL & R/W
861+30	UNDERNEATH LIMBERG DRIVEWAY	---	---	96	52	---	2	2	2	4	1) 36" ALONG STH 23 DITCH & 2) 42" UNDER EAST LEG
0+38	UNDERNEATH ERNST DRIVEWAY	---	72	---	---	---	2	---	---	2	---
4+14	UNDERNEATH ERNST DRIVEWAY	---	38	---	---	---	2	---	---	2	---
0+11	UNDERNEATH PHIPPS DRIVEWAY	---	48	---	---	---	2	---	---	2	---
908+33	UNDERNEATH PHIPPS DRIVEWAY	---	92	---	---	---	4	---	---	4	1) BETWEEN TRAIL & 23 2) TRAIL & R/W
911+00	UNDERNEATH SIPPEL DRIVEWAY	---	56	---	---	---	2	---	---	2	---
932+92	UNDERNEATH ERNST DRIVEWAY	---	54	---	---	---	2	---	---	2	---
937+91	UNDERNEATH ERNST DRIVEWAY	---	48	---	---	---	2	---	---	2	---
942+00	UNDERNEATH ERNST DRIVEWAY	---	46	---	---	---	2	---	---	2	---
952+58	UNDERNEATH WESSEL DRIVEWAY	---	76	---	---	---	2	---	---	2	---
965+00	WADE HOUSE MITIGATION SITE	46	---	---	---	2	---	---	---	2	---
1011+00	JNDERNEATH SNOWMOBILE CROSSIN(	---	42	---	---	---	2	---	---	2	SEE NOTE (C) BELOW
1014+37	UNDERNEATH THACKRAY DRIVEWAY	---	44	---	---	---	2	---	---	2	---
1019+65	SHEBOYGAN COUNTY DRIVEWAY	---	60	---	---	---	2	---	---	2	---
1052+61	UNDERNEATH HEIN DRIVEWAY	---	40	---	---	---	2	---	---	2	---
1058+50	UNDERNEATH DeMUNCK DRIVEWAY	---	62	---	---	---	2	---	---	2	---
1097+11	UNDERNEATH GALSTAD DRIVEWAY	---	50	---	---	---	2	---	---	2	---
23+53	UNDERNEATH BERMKE DRIVEWAY	---	46			---	2			2	---
	SUB TOTALS	46	1990	96	52	2	88	2	2	92	

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** NOTE: BASED OFF OF WESTBOUND REF LINE
**** INCIDENTAL

(A) TO BE PLACED IN DRAINAGE CHANNEL FOR BARTZ PATH OFF OF R/W (BETWEEN END OF TRAIL CULVERTS AND WETLAND)
(B) IN MEDIAN DITCH LINE OF STH 23 - SNOWMOBILE CROSSING TO BE RAISED MOUND OF GRASS
(C) IN MEDIAN DITCH LINE OF STH 23 - SNOWMOBILE CROSSING TO BE RAISED MOUND OF GRASS

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

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CULVERT PIPE STRUCTURE SUMMARY

1440-13-71

STRUCTURE #	** STATION	LOCATION	CLASS	INLET BASE ELEV FLOW ELEV.	BOTTOM OF INLET ELEV.	611.0612 INLET COVERS TYPE C EACH	611.0642 INLET COVER FOR CPRC TYPE MS EACH	611.2007 MANHOLE 7-FT DIAMETER EACH	611.2008 MANHOLE 8-FT DIAMETER EACH	611.3902 INLET MEDIAN FOR CPRC 2 GRATE EACH	*633.5200 CULVERT MARKER ENDS EACH
*** UNDERNEATH WB AND EB MAINLINE											
1	754+88	STH 23	III	1048.3	1035.2	1	---	1	---	---	1
2	754+88	STH 23	III	1042.8	1032.4	1	---	1	---	---	1
3	772+56	STH 23	III	1015.8	1012.4	---	2	---	---	1	1
4	772+56	STH 23	III	1014.7	1011.3	---	2	---	---	1	1
5	778+00	STH 23	III	1012.4	1009.4	---	2	---	---	1	1
6	784+60	STH 23	III	1009.5	1004.2	1	---	1	---	---	1
7	784+60	STH 23	III	1008.4	1003.4	1	---	1	---	---	1
8	798+81	STH 23	III	1002.4	999.4	---	2	---	---	1	1
9	807+00	STH 23	III	1002.1	999.1	---	2	---	---	1	1
10	809+50	STH 23	III	1001.6	993.5	1	---	---	1	---	1
11	809+50	STH 23	III	998.8	993.9	1	---	---	1	---	1
12	819+00	STH 23	III	1001.0	994.4	---	2	---	---	1	1
13	848+71	STH 23	III	990.6	977.8	1	---	---	1	---	1
14	848+71	STH 23	III	984.6	979.0	1	---	---	1	---	1
15	863+00	STH 23	III	1008.4	1005.4	---	2	---	---	1	1
16	904+00	STH 23	III	1010.1	1007.1	---	2	---	---	1	1
17	914+00	STH 23	III	994.7	989.4	---	2	---	---	1	1
18	929+47	STH 23	III	987.3	979.8	---	2	---	---	1	1
19	929+47	STH 23	III	986.6	978.0	---	2	---	---	1	1
20	967+00	STH 23	III	982.8	979.5	---	2	---	---	1	1
23	978+00	STH 23	III	976.9	972	---	2	---	---	1	1
26	990+30	STH 23	III	990.9	987.9	---	2	---	---	1	1
27	1001+00	STH 23	III	1002.7	999.7	---	2	---	---	1	1
28	1032+00	STH 23	III	1100.2	1097.2	---	2	---	---	1	1
29	1053+00	STH 23	III	1139.9	1136.9	---	2	---	---	1	1
30	1062+49	STH 23	III	1143.5	1141.0	---	2	---	---	1	1
31	1084+00	STH 23	III	1138.5	1136	---	2	---	---	1	1
34	1098+29	STH 23	III	1079.2	1076.2	---	2	---	---	1	1
36	1123+29	STH 23	III	967.2	962.5	---	2	---	---	1	1
37	27+71	STH 22	III	921.7	917.1	---	2	---	---	1	1
					SUBTOTALS	8	44	4	4	22	30

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** NOTE: BASED OFF OF WESTBOUND REF LINE
*** VERIFY CONDITIONS OF EXISTING PIPES BEING EXTENDED

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

CULVERT PIPE SUMMARY CONTINUED

1440-13-71

	504.0900 CONCRETE MASONRY ENDWALL CY	521.0112 CPCS 12-INCH LF	521.0124 CPCS 24-INCH LF	521.0136 CPCS 36-INCH LF	521.0142 CPCS 42-INCH LF	521.1012 APRON ENDWALLS FOR CSCP 12-INCH EACH	521.1024 APRON ENDWALLS FOR CSCP 24-INCH EACH	521.1036 APRON ENDWALLS FOR CPCS 36-INCH EACH
PROJECT TOTALS	**34**	**46**	**1990**	**142**	**52**	**2**	**88**	**3**

	521.1042 APRON ENDWALLS FOR CPCS 42-INCH EACH	522.0124 CPRC CLASS III 24-INCH LF	522.0130 CPRC CLASS III 30-INCH LF	522.0136 CPRC CLASS III 36-INCH LF	522.0142 CPRC CLASS III 42-INCH LF	522.0148 CPRC CLASS III 48-INCH LF	522.0154 CPRC CLASS III 54-INCH LF	522.0160 CPRC CLASS III 60-INCH LF
PROJECT TOTALS	**2**	**3468**	**282**	**306**	**662**	**517**	**302**	**158**

	522.0324 CPRC CLASS IV 24-INCH LF	522.0330 CPRC CLASS IV 30-INCH LF	522.1024 APRON ENDWALLS FOR CPRC 24-INCH EACH	522.1030 APRON ENDWALLS FOR CPRC 30-INCH EACH	522.1036 APRON ENDWALLS FOR CPRC 36-INCH EACH	522.1042 APRON ENDWALLS FOR CPRC 42-INCH EACH	522.1048 APRON ENDWALLS FOR CPRC 48-INCH EACH
PROJECT TOTALS	**92**	**283**	**61**	**5**	**6**	**4**	**3**

	522.1060 APRON ENDWALLS FOR CPRC 60-INCH EACH	611.0612 INLET COVERS TYPE C EACH	611.0642 INLET COVER FOR CPRC TYPE MS EACH	611.2007 MANHOLE 7-FT DIAMETER EACH	611.2008 MANHOLE 8-FT DIAMETER EACH	611.3902 INLET MEDIAN FOR CPRC 2 GRATE EACH	633.5200 CULVERT MARKER ENDS EACH
PROJECT TOTALS	**2**	**8**	**44**	**4**	**4**	**22**	**120**

CORRUGATED STEEL CULVERT PIPE THICKNESSES

SIZE (INCH)	THICKNESS (INCH)
12	0.064
24	0.064
36	0.079
42	0.109
60	0.109

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

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CONCRETE COLLARS FOR PIPE

1440-13-71

STATION	LOCATION	520.8000 EACH	REMARKS
754+84	STH 23 WB	1	
772+56	STH 23 WB	2	NEXT TO STRUCTURES 3 AND 4
784+60	STH 23 WB	2	NEXT TO STRUCTURES 6 AND 7
809+50	STH 23 WB	2	NEXT TO STRUCTURES 10 AND 11
862+49	STH 23 WB	1	
888+16	STH 23 WB	1	
906+00	STH 23 WB	1	
913+52	STH 23 WB	1	
919+03	STH 23 WB	2	
936+37	STH 23 WB	1	
1002+02	STH 23 WB	1	
1034+53	STH 23 WB	1	
1056+00	STH 23 WB	1	
PROJECT TOTAL		**17**	

CURB & GUTTER SUMMARY

1440-13-71

STATION	TO	STATION	LOCATION	465.0315 ASPHALTIC FLUMES SY	601.0415 30-INCH TYPE J LF	601.0557 6-INCH SLOPED 36-INCH TYPE D LF	REMARKS
0+00	-	0+33	Inez - Bramch	9	---	75	
28+75	-	29+65	BRANCH RD	7	79	---	
PROJECT TOTALS				**16**	**80**	**75**	

DRAIN TILE EXPLORATION

1440-13-71

STATION	TO	STATION	LOCATION	612.0700 LF	REMARKS
855+25	-	861+75	LT	650	
901+00	-	902+00	LT	100	
1109+50	-	1114+50	LT	500	
PROJECT TOTALS				1250	

BEAM GUARD SUMMARY

1440-13-71

STATION	TO	STATION	LOCATION	614.0305 STEEL PLATE BEAM GUARD CLASS A LF	**END SECTION ROUNDED
51+01	-	---	RIDGE RD CUL DU SAC	25	2
1109+05	-	1110+30	STH 23 EB RT*	150	---
			PROJECT TOTALS	**175**	**2**

*FIELD CUT AND PUNCH NECESSARY. WILL NEED TO CUT APPROXIMATELY 2.5 FT OFF LAST SECTION. VERY LENGTH IN FIELD

**INCIDENTAL

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

RIPRAP & GEOTEXTILE FABRIC SUMMARY

STATION	TO	STATION	LOCATION	606.0100 RIPRAP LIGHT CY	606.0200 RIPRAP MEDIUM CY	1440-13-71 606.0400 RIPRAP EXTRA-HEAVY CY	645.0120 GEOTEXTILE FABRIC TYPE HR SY	645.0130 GEOTEXTILE FABRIC TYPE R SY	REMARKS
760+00	-	766+00	STH 23 LT	310	---	---	---	1900	WEEPING SLOPE
870+00	-	876+00	STH 23 RT	400	---	---	---	2500	WEEPING SLOPE
914+00	-	918+00	OLD PLANK TRAIL	250	---	---	---	1550	WEEPING SLOPE
906+00	-	910+00	STH 23 LT	335	---	---	---	2050	WEEPING SLOPE
943+00	-	949+00	STH 23 RT	480	---	---	---	2900	WEEPING SLOPE
1026+00	-	1029+00	STH 23 LT	225	---	---	---	1400	WEEPING SLOPE
1098+00	-	1099+00	STH 23 LT	30	---	---	---	200	WEEPING SLOPE
900+00	-	902+00	STH 23 LT	---	165	---	330	---	DITCH RIPRAP
902+00	-	904+25	STH 23 RT	---	185	---	370	---	DITCH RIPRAP
1000+00	-	1001+00	STH 23 LT	59	---	---	180	---	DITCH RIPRAP
1001+00	-	1004+50	STH 23 LT	---	325	---	650	---	DITCH RIPRAP
1038+00	-	1040+00	STH 23 LT	---	210	---	410	---	DITCH RIPRAP
1089+00	-	1091+50	STH 23 LT	---	200	---	400	---	DITCH RIPRAP
1098+00	-	1100+50	STH 23 LT	---	---	380	600	---	DITCH RIPRAP
1100+50	-	1102+25	STH 23 LT	---	---	220	360	---	DITCH RIPRAP, 8 FT FLATBOTTOM
1102+25	-	1106+25	STH 23 LT	---	---	495	820	---	DITCH RIPRAP, 8 FT FLATBOTTOM
1106+25	-	1109+75	STH 23 LT	---	---	420	720	---	DITCH RIPRAP, 8 FT FLATBOTTOM
754+88			STH 23 RT	---	9	---	15	---	CUVLERT RIPRAP
772+56			STH 23 RT	---	10	---	20	---	CULVERT RIPRAP
820+34			STH 23 LT	---	7	---	15	---	CULVERT RIPRAP
863+00			STH 23 LT	---	24	---	50	---	CULVERT RIPRAP
863+71			STH 23 LT	---	7	---	15	---	CULVERT RIPRAP
904+00			STH 23 LT	---	24	---	60	---	CULVERT RIPRAP
904+83			STH 23 RT	---	11	---	20	---	CULVERT RIPRAP
912+00			STH 23 RT	---	6	---	10	---	CULVERT RIPRAP
914+00			STH 23 RT	---	6	---	10	---	CULVERT RIPRAP
936+37			STH 23 RT	---	7	---	15	---	CULVERT RIPRAP
978+00			STH 23 LT	---	22	---	45	---	CULVERT RIPRAP
1001+00			STH 23 LT	---	14	---	30	---	CULVERT RIPRAP
1002+02			STH 23 LT	---	6	---	10	---	CULVERT RIPRAP
1033+00			STH 23 LT	---	6	---	10	---	CULVERT RIPRAP
1034+54			STH 23 RT	---	6	---	10	---	CULVERT RIPRAP
1056+00			STH 23 LT	---	7	---	15	---	CULVERT RIPRAP
1062+50			STH 23 LT	---	6	---	10	---	CULVERT RIPRAP
1098+29.408			STH 23 LT	---	6	---	10	---	CULVERT RIPRAP
1124+18			STH 23 LT	---	9	---	20	---	CULVERT RIPRAP
1132+00			STH 23 LT	---	6	---	10	---	CULVERT RIPRAP
0+25			Inez Ct - Branch Rd	---	17	---	45	---	CULVERT/DITCH RIP RAP
	UNDISTRIBUTED			209	131	152	529	1250	
			PROJECT TOTALS	**2300**	**1430**	**1670**	**5815**	**13750**	

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

TRACKING PADS

1440-13-71

STATION	LOCATION	628.7560 TRACKING PADS EACH
UNDISTRIBUTED	STH 23	5
	PROJECT TOTAL	**5**

TEMPORARY STONE DITCH CHECKS

1440-13-71

STATION	LOCATION	SPV.0060.01 EACH
754+25	STH 23 WB LT	1
754+45	STH 23 EB RT	1
771+95	STH 23 WB LT	1
772+00	STH 23 EB RT	1
809+05	STH 23 WB LT	1
810+25	STH 23 WB LT	1
858+00	STH 23 WB LT	1
863+95	STH 23 EB RT	1
903+80	STH 23 WB LT	1
905+20	STH 23 EB RT	1
939+75	STH 23 EB RT	1
953+00	STH 23 EB RT	1
979+50	STH 23 WB LT	1
980+05	STH 23 WB LT	1
1038+05	STH 23 WB LT	1
1043+20	STH 23 WB LT	1
1091+50	STH 23 WB LT	1
1113+95	STH 23 WB LT	1
	PROJECT TOTALS	**18**

LANDSCAPING SUMMARY - MAINLINE

1440-13-71

STATION	TO	STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIX NO 20 LB	630.0130 SEEDING MIX NO 30 LB	630.0200 SEEDING TEMPORARY LB	SPV.0120.01 WATER FOR SEEDED AREAS MGAL
746+00	-	779+00	STH 23 LEFT	14390	14390	9	240	99	170	10.28
746+00	-	779+00	STH 23 MEDIAN	10896	10896	7	---	196	98	7.78
746+00	-	779+00	STH 23 RIGHT	15890	15890	10	281	99	190	11.35
746+00	-	779+00	STH 23 RIGHT OF TRAIL	9724	9724	6	263	---	131	6.95
779+00	-	821+00	STH 23 LEFT	19412	19412	12	335	126	231	13.87
779+00	-	821+00	STH 23 MEDIAN	11848	11848	7	---	213	107	8.46
779+00	-	821+00	STH 23 LEFT OF TRAIL	20575	20575	13	367	126	246	14.70
779+00	-	821+00	STH 23 RIGHT OF TRAIL	10122	10122	6	273	---	137	7.23
821+00	-	861+00	STH 23 LEFT	22169	22169	14	419	120	269	15.83
821+00	-	861+00	STH 23 MEDIAN	11684	11684	7	---	210	105	8.35
821+00	-	861+00	STH 23 LEFT OF TRAIL	15522	15522	10	239	120	180	11.09
821+00	-	861+00	STH 23 RIGHT OF TRAIL	11733	11733	7	317	---	158	8.38
861+00	-	915+00	STH 23 LEFT	30172	30172	19	572	162	367	21.55
861+00	-	915+00	STH 23 MEDIAN	17317	17317	11	---	312	156	12.37
861+00	-	915+00	STH 23 LEFT OF TRAIL	44056	44056	28	947	162	554	31.47
861+00	-	915+00	STH 23 RIGHT OF TRAIL	20750	20750	13	560	---	280	14.82
915+00	-	970+00	STH 23 LEFT	27372	27372	17	492	165	328	19.55
915+00	-	970+00	STH 23 MEDIAN	16556	16556	10	---	298	149	11.83
915+00	-	970+00	STH 23 LEFT OF TRAIL	17667	17667	11	230	165	197	12.62
915+00	-	970+00	STH 23 RIGHT OF TRAIL	13439	13439	8	363	---	181	9.60
970+00	-	1026+00	STH 23 LEFT	33011	33011	21	639	168	404	23.58
970+00	-	1026+00	STH 23 MEDIAN	15306	15306	10	---	276	138	10.93
1026+00	-	1085+00	STH 23 LEFT	30156	30156	19	549	177	363	21.54
1026+00	-	1085+00	STH 23 MEDIAN	17728	17728	11	---	319	160	12.66
1085+00	-	1138+00	STH 23 LEFT	43706	43706	28	942	159	550	31.22
1085+00	-	1138+00	STH 23 MEDIAN	17428	17428	11		314	157	12.45
			UNDISTRIBUTED	5200	5200	3	80	40	60	3.71
			SUBTOTALS	523827	523827	330	8104	4026	6066	374

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

LANDSCAPING SUMMARY - SIDEROADS

STATION	TO	STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	1440-13-71 627.0200 MULCHING SY	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIX NO 20 LB	630.0130 SEEDING MIX NO 30 LB	630.0200 SEEDING TEMPORARY LB	SPV.0120.01 WATER FOR SEEDED AREAS MGAL
47+00	-	49+45	CHICKADEE RD NB	871	871	1		16	8	0.62
47+00	-	49+00	CHICKADEE RD SB	311	311	1	---	6	3	0.22
47+00	-	48+50	CTH U LEFT	0	0	0	---	0	0	0.00
46+00	-	47+50	CTH U RIGHT	0	0	0	---	0	0	0.00
51+55	-	55+00	SUNRISE RD NB	1253	1253	1	---	23	11	0.90
51+55	-	55+00	SUNRISE RD SB	2267	2267	1	---	41	20	1.62
48+00	-	49+00	SPRING VALLEY DR LEFT	0	0	0	---	0	0	0.00
48+00	-	49+00	SPRING VALLEY DR RIGHT	0	0	0	---	0	0	0.00
47+70	-	53+00	SCENIC VIEW DR NB	541	541	1	---	10	5	0.39
47+70	-	53+00	SCENIC VIEW DR SB	400	400	1	---	7	4	0.29
51+31	-	53+00	CTH T NB	556	556	1	---	10	5	0.40
51+38	-	53+00	CTH T SB	386	386	1	---	7	3	0.28
48+00	-	48+75	PLANK RD WEST LEFT	0	0	0	---	0	0	0.00
48+00	-	48+75	PLANK RD WEST RIGHT	0	0	0	---	0	0	0.00
48+00	-	53+00	SUGARBUSH RD NB	138	138	1	---	2	1	0.10
48+00	-	53+00	SUGARBUSH RD SB	132	132	1	---	2	1	0.09
47+62	-	59+00	CTH A NB	1530	1530	1	---	28	14	1.09
47+62	-	59+00	CTH A SB	2649	2649	2	---	48	24	1.89
0+73	-	1+00	PLANK RD EAST LEFT	0	0	0	---	0	0	0.00
0+73	-	1+00	PLANK RD EAST RIGHT	0	0	0	---	0	0	0.00
48+00	-	48+43	RIDGE RD LEFT	360	360	1	---	6	3	0.26
47+64	-	48+11	RIDGE RD RIGHT	579	579	1	---	10	5	0.41
48+53	-	53+00	CTH S LEFT	340	340	1	---	6	3	0.24
48+59	-	53+00	CTH S RIGHT	251	251	1	---	5	2	0.18
4+87	-	16+60	TWINKLE LN LEFT	3419	3419	2	---	62	31	2.44
4+87	-	16+60	TWINKLE LN RIGHT	1487	1487	1	---	27	13	1.06
24+01	-	32+71	SANDSTONE LN LEFT	1002	1002	1	---	18	9	0.72
24+01	-	32+71	SANDSTONE LN RIGHT	2192	2192	1	---	39	20	1.57
0+00	-	30+75	INEZ CT/BRANCH RD LT	4407	4407	3	---	79	40	3.15
0+00	-	30+75	INEZ CT/BRANCH RD RT	5316	5316	3	---	96	48	3.80
0+00	-	30+75	INEZ CT/BRANCH RD J-TURN	5682	5682	4	---	102	51	4.06
0+00	-	6+09	ERNST DRIVEWAY LT	1904	1904	1	---	34	17	1.36
0+00	-	6+09	ERNST DRIVEWAY RT	570	570	1	---	10	5	0.41
0+00	-	5+97	PHIPPS DRIVEWAY LT	1821	1821	1	---	33	16	1.30
0+00	-	5+97	PHIPPS DRIVEWAY RT	276	276	1	---	5	2	0.20
0+00	-	3+08	JOCHMAN DRIVEWAY LT	228	228	1	---	4	2	0.16
0+00	-	3+08	JOCHMAN DRIVEWAY RT	319	319	1	---	6	3	0.23
0+00	-	2+92	BOECKMAN DRIVEWAY LT	210	210	1	---	4	2	0.15
0+00	-	2+92	BOECKMAN DRIVEWAY RT	385	385	1	---	7	3	0.28
12+64	-	14+30	JULIE CT LT	191	191	1	---	3	2	0.14
12+64	-	14+30	JULIE CT RT	769	769	1	---	14	7	0.55
			UNDISTRIBUTED	425	425	1	---	8	4	0.30
			SUBTOTALS	43167	43167	43	0	777	387	31
			PROJECT TOTALS	**567000**	**567000**	**375**	**8100**	**4800**	**6450**	**405**

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

EROSION MAT SUMMARY

1440-13-71

628.2004

CLASS I

TYPE B

STATION	TO	STATION	SY	LOCATION
777+99			30	STH 23 LT
784+59			200	STH 23 RT
803+13			60	STH 23 RT
807+00			60	STH 23 LT
809+50			200	STH 23 LT
820+95			90	STH 23 LT
848+63			60	STH 23 LT
872+96	-	874+04	2046	STH 23 RT
888+03			60	STH 23 RT
905+96	-	910+06	5574	STH 23 LT
912+50	-	934+25	46388	STH 23 RT
938+97			60	STH 23 RT
954+32			60	STH 23 RT
967+00			60	STH 23 LT
990+00			60	STH 23 LT
1023+40	-	1024+00	3584	STH 23 LT
1025+50	-	1028+63	9843	STH 23 LT
12+63	-	14+51	6662	JULIE CT
1053+00			60	STH 23 LT
1084+00			60	STH 23 LT
1102+40	-	1117+00	154577	STH 23 LT
12+48	-	13+00	2452	TWINKLE LN
0+00	-	2+60	579	JOCHMAN DWY
25+64	-	28+76	7332	SANDSTONE LN
745+60	-	1137+51	18926	STH 23 LT DITCH BOTTOM
745+60	-	1137+51	16013	STH 23 MEDIAN DITCH BOTTOM
745+60	-	954+42	9099	STH 23 RT DITCH BOTTOM
787+81	-	998+40	8286	OLD PLANK TRAIL RT DITCH BOTTOM
UNDISTRIBUTED			24000	
PROJECT TOTAL			**317000**	

SOIL STABILIZER, TYPE B

1440-13-71

628.6510

STATION	TO	STATION	WB ACRE	EB ACRE	Trail ACRE	REMARKS
745+60	-	762+12.5	0.62	1.19	0.77	---
762+12.5	-	768+52	0.19	---	0.30	---
768+52	-	781+52	0.48	---	0.61	---
781+52	-	788+08	0.19	---	0.31	---
788+08	-	799+25.5	0.42	---	0.52	---
799+25.5	-	805+82.5	0.10	---	0.31	---
805+82.5	-	810+94	0.19	---	0.24	---
810+94	-	823+08	0.35	---	0.57	---
823+08	-	835+41	0.46	---	0.58	---
835+41	-	841+82	0.09	---	0.30	---
841+82	-	855+64	0.51	---	0.65	---
855+64	-	862+91	0.09	---	0.34	---
862+91	-	883+29.5	1.18	---	0.95	---
883+29.5	-	890+21	0.15	---	0.32	---
890+21	-	901+10	0.83	---	0.51	---
901+10	-	903+11	0.26	---	0.09	---
903+11	-	908+65	0.38	---	0.26	---
908+65	-	915+40	0.66	---	0.32	---
915+40	-	927+39	1.29	---	0.65	---
927+39	-	934+17	0.72	---	0.32	---
934+17	-	944+31	0.76	---	0.47	---
944+31	-	955+56.5	1.33	---	0.47	---
955+56.5	-	963+55	0.30	---	---	---
963.55	-	976+52	1.21	---	---	---
976+52	-	1008+04	3.00	---	---	---
1008+04	-	1042+91	3.08	---	---	---
1042+91	-	1072+52	2.37	---	---	---
1072+52	-	1100+18.5	3.33	---	---	---
1100+18.5	-	1136+86	3.38	---	---	---
UNDISTRIBUTED			2.79	0.12	0.99	
SUBTOTAL			30.73	1.31	10.85	
PROJECT TOTAL				**43**		

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

3

EROSION CONTROL SUMMARY

1440-13-71

STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS FOR EROSION CONTROL EACH	628.1910 EMERGENCY MOBILIZATIONS EROSION CONTROL EACH	628.7005 INLET PROTECTION TYPE A EACH	*628.7555 CULVERT PIPE CHECKS EACH	**628.7504 TEMPORARY DITCH CHECKS LF
745+60	-	1137+51	STH 23	---	---	20	6	30	348	2950
752+00	-	757+00	STH 23 LT	460	230	---	---	---	---	---
752+00	-	757+00	STH 23 RT	520	260	---	---	---	---	---
771+00	-	774+00	STH 23 RT	280	140	---	---	---	---	---
783+50	-	785+50	STH 23 LT	170	85	---	---	---	---	---
801+50	-	803+00	STH 23 RT	310	155	---	---	---	---	---
804+50	-	811+00	STH 23 RT	750	380	---	---	---	---	---
819+50	-	821+00	STH 23 LT	230	115	---	---	---	---	---
826+00	-	827+00	STH 23 LT	200	100	---	---	---	---	---
847+00	-	855+50	STH 23 LT	850	425	---	---	---	---	---
904+50	-	907+00	STH 23 RT	215	110	---	---	---	---	---
916+00	-	932+00	STH 23 RT	1610	805	---	---	---	---	---
938+75	-	940+50	STH 23 RT	250	125	---	---	---	---	---
953+00	-	955+00	STH 23 RT	235	120	---	---	---	---	---
978+00	-	981+00	STH 23 LT	230	115	---	---	---	---	---
978+00	-	981+00	STH 23 LT	230	115	---	---	---	---	---
1020+00	-	1025+00	STH 23 LT	555	280	---	---	---	---	---
1045+10	-	1046+70	STH 23 LT	175	90	---	---	---	---	---
24+50	-	31+50	SANDSTONE LANE RT	---	---	---	---	---	---	120
28+50	-	31+50	SANDSTONE LANE LT	250	125	---	---	---	---	140
6+50	-	16+00	TWINKLE LN LT	---	---	---	---	---	---	100
6+50	-	16+00	TWINKLE LN RT	---	---	---	---	---	---	100
0+00	-	30+00	INEZ CT - BRANCH RD LT	---	---	---	---	---	3	170
0+00	-	30+00	INEZ CT - BRANCH RD RT	---	---	---	---	---	2	150
746+00	-	970+00	STH 23 LT	22700	---	---	---	---	---	---
UNDISTRIBUTED				750	375	---	---	---	---	---
			PROJECT TOTALS	**30950**	**4150**	**20**	**6**	**30**	**350**	**3730**

*CULVERT PIPE CHECKS PLACED IN INLET END OF THE CULVERT PIPE

**TEMPORARY DITCH CHECK PLACED IN OUTLET DITCH LINE DOWNSTREAM OF CULVERT

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

3

ERECTION OF TYPE II SIGNS AND SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	W X H	637.2210 SIGNS TYPE II REFLECTIVE H S.F.	637.2220 SIGNS TYPE II REFLECTIVE SH S.F.	637.2230 SIGNS TYPE II REFLECTIVE F S.F.	634.0612 POSTS WOOD 4x6x12 EACH	634.0614 POSTS WOOD 4x6x14 EACH	634.0616 POSTS WOOD 4x6x16 EACH	634.0618 POSTS WOOD 4x6x18 EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
1	JULIE COURT CUL DU SAC	W5-56	18" X 18"	---	2.25	---	1	---	---	---	---	---	
2	"	W5-56	18" X 18"	---	2.25	---	1	---	---	---	---	---	
3	"	W5-56	18" X 18"	---	2.25	---	1	---	---	---	---	---	
4	RIDGE RD CUL DU SAC	W5-56	18" X 18"	---	2.25	---	1	---	---	---	---	---	
5	"	W5-56	18" X 18"	---	2.25	---	1	---	---	---	---	---	
6	"	W5-56	18" X 18"	---	2.25	---	1	---	---	---	---	---	
7	STH 23, W. OF INEZ CT	R5-1A	42" X 30"	8.75	---	---	---	1	---	---	---	---	
7A	"	D1-1	60" X 15"	6.25	---	---	2	---	---	---	---	---	INEZ CT, SEE SIGN DETAIL SHEET
8	"	R5-1	36" X 36"	9.00	---	---	---	1	---	---	---	---	
9	"	R4-7	36" X 48"	12.00	---	---	---	---	1	---	---	---	
10	"	R6-2L	36" X 48"	12.00	---	---	---	---	1	---	---	---	
11	STH 23, E. OF INEZ CT	R5-1	36" X 36"	9.00	---	---	---	1	---	---	---	---	
12	"	R5-1A	42" X 30"	8.75	---	---	---	1	---	---	---	---	
13	INEZ COURT	R1-1	36" X 36"	7.46	---	---	---	---	---	1	---	---	
14	"	R6-1R	36" X 12"	3.00	---	---	---	---	---	---	---	---	MOUNT ABOVE SIGN #13
15	"	R6-3A	30" X 24"	5.00	---	---	---	---	---	---	---	---	MOUNT BELOW SIGN #13
16	BRANCH RD EXTENSION	R2-1	24" X 30"	5.00	---	---	---	1	---	---	---	---	25 MPH
17	"	R1-1	30" X 30"	5.18	---	---	---	1	---	---	---	---	
18	"	W1-6	48" X 24"	---	---	8.00	1	---	---	---	---	---	
19	"	W1-6	48" X 24"	---	---	8.00	1	---	---	---	---	---	
20	"	W1-1L	36" X 36"	---	---	9.00	---	---	1	---	---	---	
21	"	W1-6	48" X 24"	---	---	8.00	1	---	---	---	---	---	
22	"	W1-6	48" X 24"	---	---	8.00	1	---	---	---	---	---	
23	"	W1-1R	36" X 36"	---	---	9.00	---	---	1	---	---	---	
24	"	W1-3L	36" X 36"	---	---	9.00	---	---	1	---	---	---	
25	"	W1-6	48" X 24"	---	---	8.00	1	---	---	---	---	---	
26	"	W1-6	48" X 24"	---	---	8.00	1	---	---	---	---	---	
27	"	W1-6	48" X 24"	---	---	8.00	1	---	---	---	---	---	
28	"	W1-6	48" X 24"	---	---	8.00	1	---	---	---	---	---	
	PAGE SUBTOTALS			91.39	13.50	91.00	16	6	5	1	0	0	

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

3

ERECTION OF TYPE II SIGNS AND SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	W X H	637.2210 SIGNS TYPE II REFLECTIVE H S.F.	637.2220 SIGNS TYPE II REFLECTIVE SH S.F.	637.2230 SIGNS TYPE II REFLECTIVE F S.F.	634.0612 POSTS WOOD 4x6x12 EACH	634.0614 POSTS WOOD 4x6x14 EACH	634.0616 POSTS WOOD 4x6x16 EACH	634.0618 POSTS WOOD 4x6x18 EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
29	BRANCH RD EXTENSION	W14-1	30" X 30"	---	---	6.25	---	1	---	---	---	---	
30	"	W1-3L	36" X 36"	---	---	9.00	---	---	1	---	---	---	
30A	STH 23, E. OF INEZ CT	D1-1	60" X 15"	6.25	---	---	2	---	---	---	---	---	INEZ CT, SEE SIGN DETAIL SHEET
31	STH 23, W. OF INEZ CT	R5-1A	---	---	---	---	---	---	---	---	1	1	
32	"	R5-1	---	---	---	---	---	---	---	---	1	1	
33	"	R4-7	---	---	---	---	---	---	---	---	1	1	
34	INEZ COURT	R1-1	---	---	---	---	---	---	---	---	1	1	
35	"	R6-3A	---	---	---	---	---	---	---	---	---	---	PART OF REMOVAL FOR SIGN #34
36	"	R6-2R	---	---	---	---	---	---	---	---	1	1	
37	STH 23, E. OF INEZ CT	R6-2L	---	---	---	---	---	---	---	---	1	1	
38	"	R5-1	---	---	---	---	---	---	---	---	1	1	
39	"	R5-1A	---	---	---	---	---	---	---	---	1	1	
40	"	M1-94	---	---	---	---	---	---	---	---	1	2	
41	STH 23, W. OF BRANCH RD	R5-1A	---	---	---	---	---	---	---	---	1	1	
42	"	R3-2	---	---	---	---	---	---	---	---	1	1	
43	"	R5-1	---	---	---	---	---	---	---	---	---	---	PART OF REMOVAL FOR SIGN #42
44	BRANCH RD	R1-1	---	---	---	---	---	---	---	---	1	1	
45	"	R1-1	---	---	---	---	---	---	---	---	1	1	
46	"	R6-2R	---	---	---	---	---	---	---	---	---	---	PART OF REMOVAL FOR SIGN #45
47	"	W14-1	---	---	---	---	---	---	---	---	1	1	
48	STH 23, MEDIAN AT BRANCH RD	R6-2R	---	---	---	---	---	---	---	---	1	1	
49	"	R5-1	---	---	---	---	---	---	---	---	1	1	
50	"	R1-2	---	---	---	---	---	---	---	---	---	---	PART OF REMOVAL FOR SIGN #49
51	"	R5-1A	---	---	---	---	---	---	---	---	1	1	
52	STH 23, E. OF BRANCH RD	M1-94	---	---	---	---	---	---	---	---	1	2	
	PAGE SUBTOTALS			6.25	0.00	15.25	2	1	1	0	18	20	
	PROJECT TOTALS			**97.64**	**13.50**	**106.25**	**18**	**7**	**6**	**1**	**18**	**20**	

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

TRAFFIC CONTROL SUMMARY

1440-13-71

LOCATION	APPROX. SERVICE PERIOD DAYS	643.0300 DRUMS NO. IN SERVICE	643.0300 DRUMS DAYS	643.0420 BARRICADES TYPE III NO. IN SERVICE	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A NO.IN SERVICE	643.0705 WARNING LIGHTS TYPE A DAYS	643.1050 PCMS NO.IN SERVICE	643.1050 PCMS DAYS	REMARKS
					Stage 1					
742+00	7	4	28	---	---	---	---	1	7	
746+75 to 767+00	365	52	18980	6	2190	12	4380	---	---	
779+50	365	6	2190	6	2190	12	4380	---	---	CHICKADEE CROSSING
786+20 to 788+20	365	8	2920	3	1095	6	2190	---	---	CROSSOVER
801+00	365	6	2190	6	2190	12	4380	---	---	DRIVEWAY
803+60 - 805+50	365	8	2920	3	1095	6	2190	---	---	CTH J TURN
815+50 to 825+00	365	20	7300	18	6570	36	13140	---	---	DRIVEWAYS/SUNRISE
819+75	365	6	2190	6	2190	12	4380	---	---	SUNRISE CROSSING
831+00	365	6	2190	6	2190	12	4380	---	---	DRIVEWAY
833+77	120	6	720	6	720	12	1440	---	---	SNOWMOBILE CROSSING
839+50 to 842+00	365	10	3650	9	3285	18	6570	---	---	DRIVEWAY/CROSSOVER
860+00 to 863+00	365	12	4380	6	2190	12	4380	---	---	DRIVEWAY/CROSSING
887+00 to 889+50	365	10	3650	---	---	---	---	---	---	SCENIC VIEW
888+75	365	6	2190	6	2190	12	4380	---	---	SCENIC VIEW CROSSING
901+50 - 903+00	365	6	2190	3	1095	6	2190	---	---	CTH T TURN AROUND
910+50 to 915+75	365	11	4015	6	2190	12	4380	---	---	DRIVEWAY/CROSSING
915+00	365	6	2190	6	2190	12	4380	---	---	CTH T CROSSING
920+00	365	6	2190	6	2190	12	4380	---	---	DRIVEWAY
931+50 - 934+50	365	18	6570	6	2190	12	4380	---	---	DRIVEWAY/CROSSOVER
937+75-942+00	365	12	4380	6	2190	12	4380	---	---	DRIVEWAYS
944+50 to 946+50	365	6	2190	3	1095	6	2190	---	---	SUGARBUSH TURNAROUND
952+65	365	6	2190	6	2190	12	4380	---	---	DRIVEWAY
967+75 to 972+00	365	10	3650	---	---	---	---	---	---	SUGARBUSH
970+00	365	6	2190	6	2190	12	4380	---	---	SUGARBUSH CROSSING
985+00 to 988+75	365	8	2920	---	---	---	---	---	---	CTH A
987+75	365	6	2190	6	2190	12	4380	---	---	CTH A CROSSING
998+50 to 1000+50	365	14	5110	3	1095	6	2190	---	---	CTH A TURNAROUND
1011+00	120	6	720	6	2190	12	4380	---	---	SNOWMOBILE CROSSING
1014+00	365	6	2190	6	2190	12	4380	---	---	DRIVEWAY
1018+35 to 1020+85	365	10	3650	6	2190	12	4380	---	---	DRIVEWAY/CROSSOVER
1029+00 to 1032+50	365	10	3650	---	---	---	---	---	---	CASTLE ROCK
1031+00	365	6	2190	6	2190	12	4380	---	---	CASTLE ROCK CROSSING
1052+50 to 1060+50	365	20	7300	15	5475	30	10950	---	---	DRIVEWAYS/RIDGE RD
1072+00 to 1074+00	365	6	2190	3	1095	6	2190	---	---	CTH S TURNAROUND
1083+50 to 1088+00	365	10	3650	---	---	---	---	---	---	CTH S
1086+00	365	6	2190	6	2190	12	4380	---	---	CTH S CROSSING
1097+00 to 1100+00	365	11	4015	9	3285	18	6570	---	---	DRIVEWAY/CTH S TURNAROUND
1115+50	100	6	600	6	600	12	1200	---	---	TWINKLE LN
1124+00 to 1138+50	365	30	10950	---	---	---	---	---	---	CROSSOVER
1150+00	7	4	28	---	---	---	---	1	7	
BRANCH ROAD	14	25	350	6	---	12	---	---	---	STH 23 ACCESS
PROJECT TOTALS		**406**	**140796**	**201**	**70305**	**402**	**140610**	**2**	**14**	

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

3

TRAFFIC CONTROL SUMMARY

1440-13-71

643.0900

LOCATION	SIGN NUMBER	QUANTITY	SERVICE DAYS	SIGN DAYS	REMARKS
740+50	G20-1/G20-2A	2	365	730	Road Work Next 7 Miles / End Road Work
747+00	W21-61	1	365	365	Fines Double in Work Zones
760+60	G20-1	1	365	365	Road Work Next 7 Miles
765+00	G20-1	1	365	365	Road Work Next 1/2 Miles
779+50	R11-2(MOD)	6	365	2190	Chickadee Crossing
789+15	G20-1	1	365	365	Road Work Next 1 Mile
794+75	G20-1	1	365	365	Road Work Next 7 Miles
806+60	G20-1	1	365	365	Road Work 1 Mile
819+20	G20-1	1	365	365	Road Work Next 6 Miles
821+00	R11-2(MOD)	6	365	2190	Sunrise Crossing and Drive
836+50	G20-1	1	365	365	Road Work Next 6 Miles
846+30	G20-1	1	365	365	Road Work Next 2 Miles
873+90	G20-1	1	365	365	Road Work Next 3 Miles
876+30	G20-1	1	365	365	Road Work Next 5 Miles
888+65	R11-2(MOD)	6	365	2190	Scenic View Crossing
899+90	G20-1	1	365	365	Road Work Next 3 Miles
903+80	G20-1	1	365	365	Road Work Next 5 Miles
914+88	R11-2(MOD)	6	365	2190	CTH T Crossing and Drive
929+90	G20-1	1	365	365	Road Work Next 4 Miles
955+00	G20-1	1	365	365	Road Work Next 4 Miles
970+25	R11-2(MOD)	6	365	2190	Sugarbush Crossing
971+80	G20-1	1	365	365	Road Work Next 4 Miles
985+05	G20-1	1	365	365	Road Work Next 3 Miles
986+85	R11-2(MOD)	6	365	2190	CTH A Crossing
998+00	G20-1	1	365	365	Road Work Next 5 Miles
1001+85	G20-1	1	365	365	Road Work Next 3 Miles
1016+00	G20-1	1	365	365	Road Work Next 5 Miles
1029+15	G20-1	2	365	730	Road Work Next 2 Miles
1043+10	G20-1	1	365	365	Road Work Next 6 Miles
1046+00	G20-1	1	365	365	Road Work Next 2 Miles
1071+00	G20-1	1	365	365	Road Work Next 6 Miles
1073+10	G20-1	1	365	365	Road Work Next 1 Mile
1101+05	G20-1	1	365	365	Road Work Next 1 Mile
1125+00	G20-1	1	365	365	Road Work Next 7 Miles
1031+00	R11-2(MOD)	6	365	2190	Julie Ln Crossing
1086+12	R11-2(MOD)	6	365	2190	CTH S Crossing
1137+50	G20-2	2	365	730	End Road Work
1138+00	W21-61	1	365	365	Fines Double in Work Zones
	PROJECT TOTALS	81	13870	29565	

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

CONSTRUCTION STAKING SUMMARY

1440-13-71

STATION	TO	STATION	LOCATION	650.4500 SUBGRADE LF	650.5000 BASE LF	650.5500 CURB & GUTTER LF	650.6000 PIPE CULVERTS EACH	650.6500 STRUCTURE LAYOUT (B-59-0099) LS	650.6500 STRUCTURE LAYOUT (B-59-0316) LS	650.9910 SUPPLEMENTAL CONTROL LS	650.9920 SLOPE STAKES LF	REMARKS
745+60	-	1137+51	STH 23 WB & EB	92850	---	---	44	1	1	1	92850	INCLUDES SIDE ROADS ALONG STH 23
24+00	-	32+71	SANDSTONE LN	870	870	---	---	---	---	---	870	
5+06		18+67	TWINKLE LN	1360	1360	---	---	---	---	---	1360	
0+00	-	30+75	INEZ/BRANCH RD	3075	3075	79	4	---	---	---	3075	
787+75	-	998+95	OLD PLANK TRAIL	21150	---	---	24	---	---	---	21150	
			PROJECT TOTALS	**119300**	**5300**	**80**	**72**	**1**	**1**	**1**	**119300**	

SAWING ASPHALT

1440-13-71

690.0150

STATION	LOCATION	LF	REMARKS
911+00 LT	STH 23	15	PE
950+61 LT	STH 23	12	PE
12+64.2	JULIE CT	20	
1046+80 RT	STH 23	70	PE
1097+00 LT	STH 23	14	PE
1109+88 RT	STH 23	22	COARY LANE
52+26	RIDGE RD	20	
24+00	SANDSTONE LN	22	
6+23	TWINKLE LN	12	
15+30 LT	TWINKLE LN	15	DRIVEWAY REMOVAL
18+67	TWINKLE LN	20	
0+10	INEZ - BRANCH RD	220	INEZ CT CONNECTION
29+65	BRANCH RD	29	BRANCH RD CONNECTION
	PROJECT TOTAL	**491**	

CULVERT PIPE PLUG

1440-13-71

SPV.0060.03

STATION	EACH	REMARKS
904+83	2	42"
PROJECT TOTAL	**2**	

TEMPORARY SLOPE DRAIN

1440-13-71

SPV.0060.02

STATION	EACH	REMARKS
1137+33 LT	1	
PROJECT TOTAL	**1**	

SAWING CONCRETE

1440-13-71

690.0250

STATION	LOCATION	LF	REMARKS
29+65	BRANCH RD	3	BRANCH RD CONNECTION
	PROJECT TOTAL	**3**	

GEOGRID REINFORCEMENT

1440-13-71

GEOGRID SPV.0180.01

STATION	TO	STATION	SY
1005+00	-	1009+00	600
UNDISTRIBUTED			1800
PROJECT TOTALS			**2400**

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010

CLEARING AND GRUBBING

LOCATION	201.0120 CLEARING ID	201.0220 GRUBBING ID
CAT 0020		
SOUTH THEEL SITE	700	700
NORTH THEEL SITE	50	50
TOTALS	750	750

REMOVING SMALL PIPE CULVERT

LOCATION	203.0100 EACH	COMMENTS
CAT 0020		
SOUTH THEEL SITE	1	24-INCH CPCM
TOTAL	1	

EARTHWORK SUMMARY

DIVISION	FROM/TO STATION	LOCATION	ITEM #205.0100 EXCAVATION COMMON CY (NOTE 1)	SALVAGED / UNUSEABLE PAVEMENT MATERIAL	AVAILABLE MATERIAL CY	UNEXPANDED FILL CY	EXPANDED FILL CY (NOTE 2)	MASS ORDINATE +/- CY (NOTE 3)	WASTE CY
CAT 0020									
2	0'THE'+05 - 25'THE'+52	SOUTH THEEL SITE	153,740	0	153,740	3,612	4,804	148,936	148,936
2	27'THE'+45 - 39'THE'+57	NORTH THEEL SITE	90,875	0	90,875	27,488	36,559	54,316	54,316
TOTALS			244,615	0	244,615	31,100	41,363	203,252	203,252

1) NO EBS IS ANTICIPATED. IF EBS IS REQUIRED IT WILL BE PAID AS COMMON EXCAVATION. ITEM NUMBER 205.0100

2) EXPANDED FILL FACTOR = 1.33, EXPANDED FILL = (UNEXPANDED FILL) * FILL FACTOR

3) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

RIPRAP AND GEOTEXTILE FABRIC ITEMS

STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE FABRIC TYPE HR SY	COMMENTS
CAT 0020				
0'THE'+31	LT	95	222	SW STREAM INLET OF SOUTH THEEL SITE
12'THE'+45	LT	136	306	WEST STREAM INLET OF SOUTH THEEL SITE
24'THE'+00	RT	270	510	EAST TEMPORARY OUTLET OF SOUTH THEEL SITE
28'THE'+50	LT	70	218	SW DITCH OF NORTH THEEL SITE
39'THE'+15	RT	349	749	NE BERM OF NORTH THEEL SITE
TOTALS		920	2,005	

DRAIN TILE ITEMS

LOCATION	612.0700 EXPLORATION LF	SPV.0090.01 DISABLEMENT LF
CAT 0020		
NORTH THEEL SITE	1,770	1,770
TOTALS	1,770	1,770

WATER

LOCATION	624.0100 MGAL
CAT 0020	
THEEL SITE	50
TOTAL	50

NOTE: WATER PROVIDED FOR COMPACTION AND DUST CONTROL

FINISHING AND EROSION MAT ITEMS

LOCATION	625.0500 SALVAGED TOPSOIL SY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	628.2008 EROSION MAT CLASS I TYPE B SY	628.2027 EROSION MAT CLASS II TYPE C SY	630.0130 SEEDING MIXTURE NO. 30 LB	SPV.0085.01 SEEDING UPLAND BUFFER MIX LBS	SPV.0085.02 SEEDING WET MEADOW MIX LBS	SPV.0180.02 SALVAGED TOPSOIL 12-INCH SY
CAT 0020								
SOUTH THEEL SITE	--	32,086	--	19,815	--	78	275	198,439
NORTH THEEL SITE	10,858	21,657	10,723	18,472	196	75	106	95,394
UNDISTRIBUTED	2,717	13,437	2,682	9,574	49	42	99	73,462
TOTALS	13,575	67,180	13,405	47,861	245	195	480	367,295

SILT FENCE AND ROCK BAG ITEMS

LOCATION	628.1504 LF	628.1520 MAINTENANCE LF	628.7570 ROCK BAGS EACH
CAT 0020			
SOUTH THEEL SITE	3,625	3,625	252
NORTH THEEL SITE	1,435	1,435	98
UNDISTRIBUTED	1,265	1,265	90
TOTALS	6,325	6,325	440

NOTE: ROCK BAGS PROVIDED FOR SILT FENCE RELIEF

MOBILIZATIONS EROSION CONTROL

LOCATION	628.1905 EACH	628.1910 EMERGENCY EACH
CAT 0020		
THEEL SITE	8	4
TOTALS	8	4

TRACKING PADS

LOCATION	628.7560 EACH
CAT 0020	
SOUTH THEEL SITE ENTRANCE	1
NORTH THEEL SITE ENTRANCE	1
TOTAL	2

TRAFFIC CONTROL

LOCATION	DAYS	643.0300 DRUMS EACH	643.0300 DRUMS DAYS	643.0420 BARRICADES TYPE III EACH	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A EACH	643.0705 WARNING LIGHTS TYPE A DAYS	643.0900 SIGNS EACH	643.0900 SIGNS DAYS	643.1050 SIGNS PCMS EACH	643.1050 SIGNS PCMS DAYS
CAT 0020											
STH 23 ENTRANCE/EXIT @ THEEL SITE	110	5	550	4	440	8	880	17	1,870	2	220
STH 23 SHOULDER CLOSURE @ THEEL SITE	30	15	450	--	--	--	--	2	60	--	--
TOTALS			1,000		440		880		1,930		220

CONSTRUCTION STAKING

LOCATION	SPV.0105.02 WETLAND SITE LS
CAT 0020	
THEEL SITE	1
TOTALS	1

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.01

AMENDMENT NO 1

AMENDS PARCEL 1 AND ADDS PARCEL 81 OF TRANSPORTATION PROJECT PLAT 1440-13-22-4.01 RECORDED AS DOCUMENT NO 1920075 AND FILED IN VOL 1, PG 38.

THAT PART OF THE FRACTIONAL NW¼ OF THE NW¼, FRACTIONAL SW¼ OF THE NW¼, NE¼ OF THE NW¼ AND SE¼ OF THE NW¼, SECTION 18, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	◕
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP	○
ACRES	AC	(1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	
CHORD BEARING	CH BRG	SET P.K. NAIL	△
CHORD DISTANCE	CH DIS	PROPOSED R/W	000
DEED	(D)	BOUNDARY POINT	
DOCUMENT	DOC	CORPORATE LIMITS	//////////////////
EAST BOUND	EB	EXISTING R/W	
GAS VALVE	GV	SECTION LINE	
INLET	I.L	QUARTER LINE	
MANHOLE	MH	SIXTEENTH LINE	
MONUMENT	MON	PROPOSED OR NEW R/W LINE	
NORTH BOUND	NB	PROPOSED EASEMENT LINE	
PAGE	PG	PARCEL NUMBER	(00)
PERMANENT	PERM	UTILITY PARCEL NUMBER	000
PERMANENT LIMITED EASEMENT	PLE	PROPERTY LINE	PL
PRIVATE DRIVEWAY	PD	LOT, TIE AND OTHER MINOR DASHED LINES	
PROPERTY LINE	PL	ACCESS RESTRICTED (By Previous Project/Control)	
RADIUS	RAD	ACCESS RESTRICTED (By Acquisition)	
REFERENCE LINE	℄	NO ACCESS (By Statutory Authority)	
REMAINING	REM	LIMITED EASEMENT (Temporary or Permanent)	
RIGHT OF WAY	R/W	STORM SEWER	SS
SECTION	SEC	SANITARY SEWER	SAN
SECTION LINE	S	BURIED GAS LINE	G
FOUND 1" IRON PIPE OR AS LABELED	IP ●	CABLE OVERHEAD	OH
FOUND 2" IRON PIPE	IP ◉		
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	TI		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	ø
TELEPHONE POLE	●	ø
SIGN	▶	▷
TELEPHONE PEDESTAL	■	□
LIGHT POLE	✱	✲

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
100	ANR PIPELINE	RELEASE OF RIGHTS
101	FRONTIER	RELEASE OF RIGHTS
102	WE ENERGIES - GAS	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

SECTION 18
T15N-R20E, TOWN OF GREENBUSH

LOCATION SKETCH
(NOT TO SCALE)

STATION AND OFFSET TABLE

D3	745+00.00	0.00'	
1	745+67.09	200.71'	
20	746+25.60	177.53'	
2	746+75.00	192.00'	
3	747+80.00	152.00'	
21	749+50.00	150.70'	
4	749+80.00	118.00'	
22	751+85.00	141.24'	
5	753+35.00	197.00'	
23	753+90.00	163.00'	
6	754+60.00	205.00'	
7	755+90.00	150.00'	
24	756+75.00	135.00'	
8	758+95.00	135.00'	
25	758+95.00	177.00'	
9	760+00.00	107.00'	
10	761+46.00	111.23'	
IP1	763+04.14	153.73'	
26	764+05.00	155.00'	
IP2	765+08.71	238.29'	
IP3	766+07.17	267.53'	
IP4	767+08.00	256.10'	
IP5	768+07.36	232.89'	
27	768+15.00	155.00'	
IP6	771+43.09	162.21'	
28	771+55.00	150.00'	
D4	775+00.00	0.00'	

COURSE TABLE

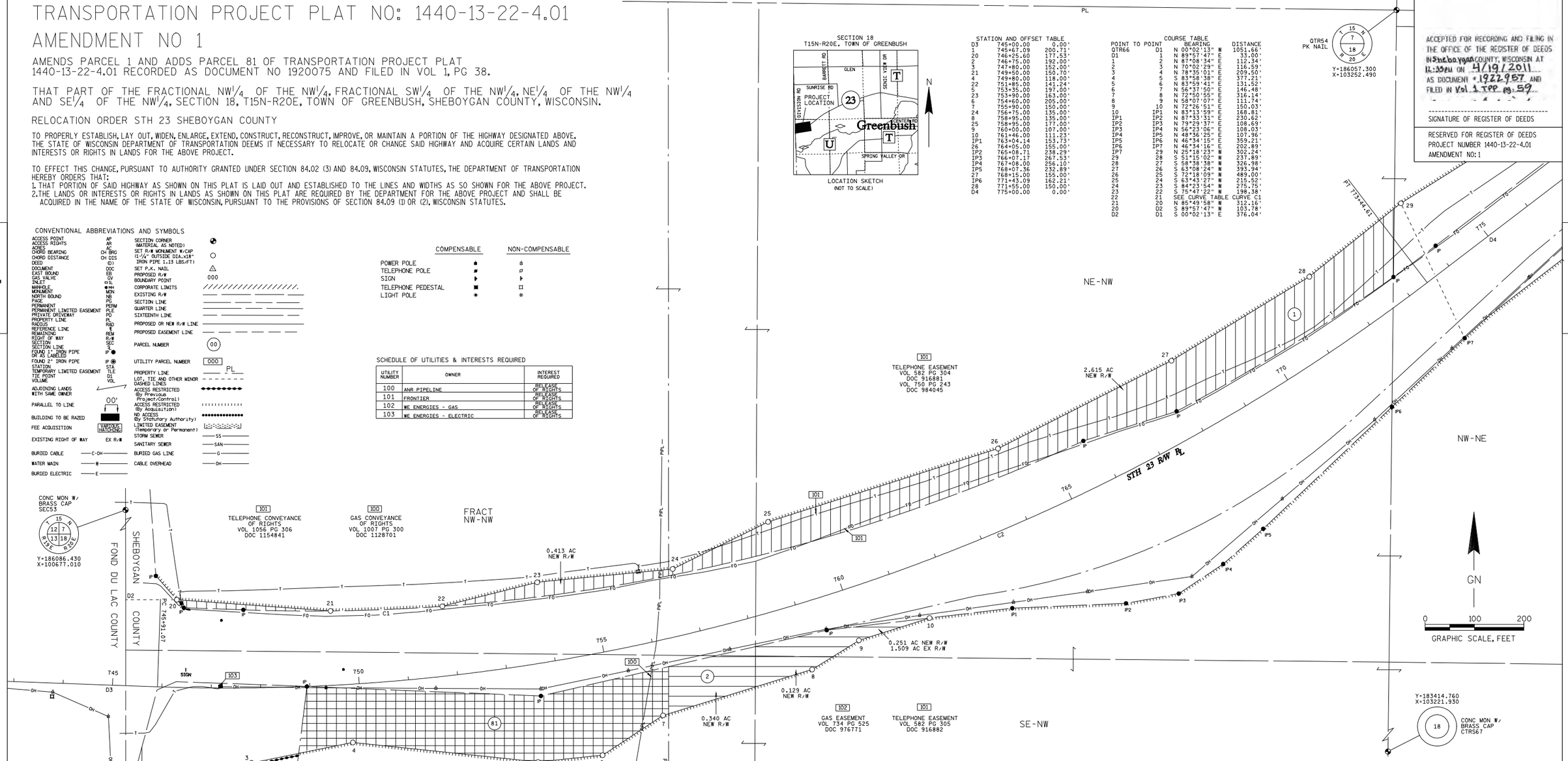
POINT TO POINT		BEARING	DISTANCE
QTR66	D1	N 00°02'13" W	1051.66'
D1	1	N 89°57'47" E	33.00'
1	2	N 87°08'34" E	112.34'
2	3	N 70°02'29" E	116.59'
3	4	N 78°35'01" E	209.50'
4	5	S 83°58'38" E	377.21'
5	6	N 83°59'41" E	131.52'
6	7	N 56°37'50" E	146.48'
7	8	N 72°50'55" E	316.14'
8	9	N 58°07'07" E	111.74'
9	10	N 72°26'51" E	150.03'
10	IP1	N 81°13'59" E	168.81'
IP1	IP2	N 87°33'31" E	230.62'
IP2	IP3	N 79°29'37" E	108.69'
IP3	IP4	N 56°23'06" E	108.03'
IP4	IP5	N 48°36'25" E	107.96'
IP5	IP6	N 46°34'15" E	359.21'
IP6	IP7	N 46°34'16" E	202.89'
IP7	29	N 25°18'23" W	302.24'
29	28	S 51°15'02" W	237.89'
28	27	S 58°38'38" W	326.98'
27	26	S 63°08'24" W	393.94'
26	25	S 72°18'09" W	489.00'
25	24	S 63°43'27" W	215.52'
24	23	S 84°23'54" W	275.75'
23	22	S 75°47'22" W	198.38'
22	21	SEE CURVE TABLE CURVE C1	
21	20	N 85°49'58" W	312.16'
20	D2	S 89°57'47" W	103.78'
D2	D1	S 00°02'13" E	376.04'

QTR54
PK NAIL
(15 N, 7 E, 18, 20)
Y=186057.300
X=103252.490

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 12:35PM ON 4/19/2011 AS DOCUMENT # 1922957 AND FILED IN Vol 1 TPP pg: 59

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.01
AMENDMENT NO: 1



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL
1	DONALD F. & RUTH V. COOPER	FEE & ACCESS RIGHTS	3.028	-	3.028
2	PETER J. & LISA L. BARTZ	FEE & ACCESS RIGHTS	0.720	1.509	2.229
81	DANIEL P. COOPER	FEE & ACCESS RIGHTS	2.125	-	2.125

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 87°37'33" W	226.59'	3729.74'	226.62'
C2	N 72°20'18" E	2699.49'	4000.00'	2753.54'

PI C1 Y 184840.952 X 101206.249 PI C2 Y 184634.493 X 102175.134

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR66	D3	N 01°15'23" W	1254.97'
D3	PC C2	S 87°56'27" E	91.07'
PC C2	PT C2	SEE CURVE TABLE CURVE C2	
PT C2	D4	N 52°37'03" E	155.39'
D4	QTR54	N 22°02'48" W	494.06'

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
4/07/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman W. Pawelczyk — SIGNATURE
4/07/2011 — DATE

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.01, VOL. 1 TPP PG. 21, DOCUMENT NO. 1900597.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.01

THAT PART OF THE FRACTIONAL NW¼ OF THE NW¼, FRACTIONAL SW¼ OF THE NW¼, NE¼ OF THE NW¼ AND SE¼ OF THE NW¼, SECTION 18, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

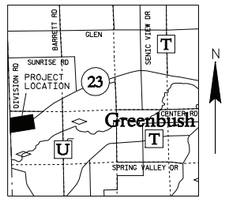
ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP	○
ACRES	AC.	(1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS./FT)	
CHORD BEARING	CH BRG	SET P.K. NAIL	△
CHORD DISTANCE	CH DIS	PROPOSED R/W	000
DEED	(D)	BOUNDARY POINT	
DOCUMENT	DOC	CORPORATE LIMITS	////////////////////.
EAST BOUND	EB	EXISTING R/W	
GAS VALVE	GV	SECTION LINE	
INLET	I.L.	QUARTER LINE	
MANHOLE	MH	SIXTEENTH LINE	
MONUMENT	MON	PROPOSED OR NEW R/W LINE	
NORTH BOUND	NB	PROPOSED EASEMENT LINE	
PACE	PC	PARCEL NUMBER	(00)
PERMANENT	PERM	UTILITY PARCEL NUMBER	000
PERMANENT LIMITED EASEMENT	PLE	PROPERTY LINE	PL
PRIVATE DRIVEWAY	PD	LOT, TIE AND OTHER MINOR DASHED LINES	
PROPERTY LINE	PL	ACCESS RESTRICTED (By Previous Project/Control)	
RADIUS	RAD	ACCESS RESTRICTED (By Acquisition)	
REFERENCE LINE	℄	NO ACCESS (By Statutory Authority)	
REMAINING	REM	LIMITED EASEMENT (Temporary or Permanent)	
RIGHT OF WAY	R/W	STORM SEWER	SS
SECTION	SEC	SANITARY SEWER	SAN
SECTION LINE	S	BURIED GAS LINE	G
FOUND 1" IRON PIPE OR AS LABELED	IP ●	CABLE OVERHEAD	OH
FOUND 2" IRON PIPE	IP ◉		
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	D1		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS RATIONING		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	ø
TELEPHONE POLE	●	ø
SIGN	▶	▷
TELEPHONE PEDESTAL	■	◫
LIGHT POLE	✶	✶

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
100	ANR PIPELINE	RELEASE OF RIGHTS
101	FRONTIER	RELEASE OF RIGHTS
102	WE ENERGIES - GAS	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

SECTION 18
T15N-R20E, TOWN OF GREENBUSH



LOCATION SKETCH
(NOT TO SCALE)

STATION AND OFFSET TABLE

D3	745+00.00	0.00'	
1	745+67.09	200.71'	
20	746+25.60	177.53'	
2	746+75.00	192.00'	
3	747+80.00	152.00'	
21	749+50.00	150.70'	
4	749+80.00	118.00'	
22	751+85.00	145.24'	
5	753+35.00	197.00'	
23	753+90.00	163.00'	
6	754+60.00	205.00'	
7	755+90.00	150.00'	
24	756+75.00	135.00'	
8	758+95.00	135.00'	
25	758+95.00	177.00'	
9	760+00.00	107.00'	
10	761+46.00	111.23'	
IP1	763+04.14	153.73'	
26	764+05.00	155.00'	
IP2	765+08.71	238.29'	
IP3	766+07.17	267.53'	
IP4	767+08.00	256.10'	
IP5	768+07.36	232.89'	
27	768+15.00	155.00'	
IP6	771+43.09	162.21'	
28	771+55.00	150.00'	
D4	775+00.00	0.00'	

COURSE TABLE

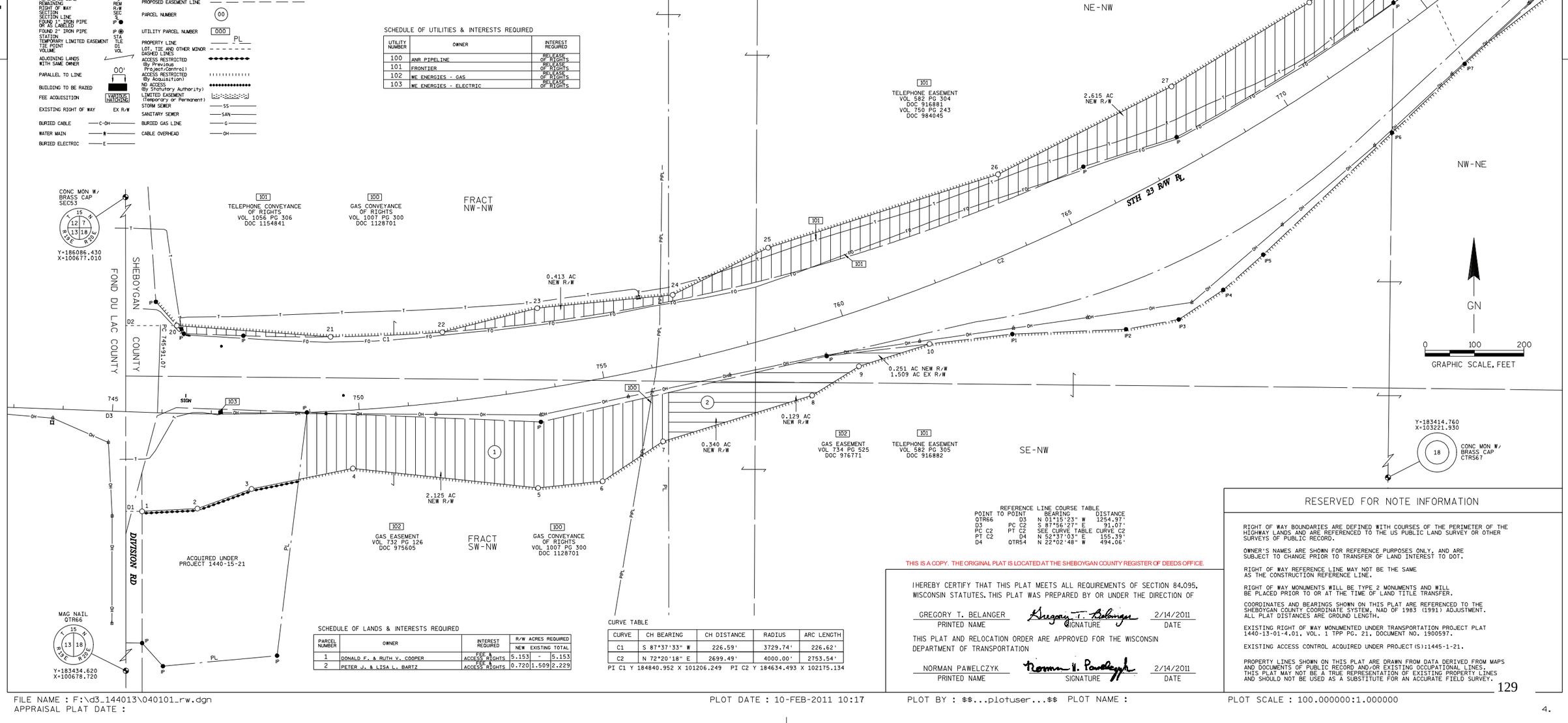
POINT TO POINT		BEARING	DISTANCE
QTR66	D1	N 00°02'13" W	1051.66'
D1	1	N 89°57'47" E	33.00'
1	2	N 87°08'34" E	112.34'
2	3	N 70°02'29" E	116.59'
3	4	N 78°35'01" E	209.50'
4	5	S 83°58'38" E	377.21'
5	6	S 84°59'41" E	131.52'
6	7	N 56°37'50" E	146.48'
7	8	N 72°50'55" E	316.14'
8	9	N 58°07'07" E	111.74'
9	10	N 72°26'51" E	150.03'
10	IP1	N 81°13'59" E	168.81'
IP1	IP2	N 87°33'31" E	230.62'
IP2	IP3	N 79°29'37" E	108.69'
IP3	IP4	N 56°23'06" E	108.03'
IP4	IP5	N 48°36'25" E	107.96'
IP5	IP6	N 46°34'15" E	359.21'
IP6	IP7	N 46°34'16" E	202.89'
IP7	29	N 25°18'23" W	302.24'
29	28	S 51°15'02" W	237.89'
28	27	S 58°38'38" W	326.98'
27	26	S 63°08'24" W	393.94'
26	25	S 72°18'09" W	489.00'
25	24	S 63°43'27" W	215.52'
24	23	S 84°23'54" W	275.75'
23	22	S 75°47'22" W	198.38'
22	21	SEE CURVE TABLE CURVE C1	
21	20	N 85°49'58" W	312.16'
20	D2	S 89°57'47" W	103.78'
D2	D1	S 00°02'13" E	376.04'

QTRS4 PK NAIL
Y=186057.300
X=103252.490

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:39 AM ON 2/17/2011 AS DOCUMENT # 1980075 AND FILED IN Vol. 1 Page 38

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.01
AMENDMENT NO:



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL
1	DONALD F. & RUTH V. COOPER	FEE & ACCESS RIGHTS	5.153	-	5.153
2	PETER J. & LISA L. BARTZ	FEE & ACCESS RIGHTS	0.720	1.509	2.229

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 87°37'33" W	226.59'	3729.74'	226.62'
C2	N 72°20'18" E	2699.49'	4000.00'	2753.54'

PI C1 Y 184840.952 X 101206.249 PI C2 Y 184634.493 X 102175.134

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR66	D3	N 01°15'23" W	1254.97'
D3	PC C2	S 87°56'27" E	91.07'
PC C2	PT C2	SEE CURVE TABLE CURVE C2	
PT C2	D4	N 52°37'03" E	155.39'
D4	QTR54	N 22°02'48" W	494.06'

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

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

GREGORY T. BELANGER (PRINTED NAME) — Gregory T. Belanger (SIGNATURE) — 2/14/2011 (DATE)

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

NORMAN PAWELCZYK (PRINTED NAME) — Norman W. Pawelczyk (SIGNATURE) — 2/14/2011 (DATE)

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.01, VOL. 1 TPP PG. 21, DOCUMENT NO. 1900597.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FILE NAME : F:\d3_144013\040101_rw.dgn
APPRAISAL PLAT DATE :
PLOT DATE : 10-FEB-2011 10:17
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : 100.000000:1.000000

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.02

THAT PART OF THE SW¼ OF THE SE¼, SECTION 7 AND THAT PART OF THE NW¼ OF THE NE¼, SECTION 18, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP	○
ACRES	AC	(1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	
CHORD BEARING	CH BRG	SET P.K. NAIL	△
CHORD DISTANCE	CH DIS	PROPOSED R/W	000
DEED	(D)	BOUNDARY POINT	
DOCUMENT	DOC	CORPORATE LIMITS	//////////
EAST BOUND	EB	EXISTING R/W	
GAS VALVE	GV	SECTION LINE	
INLET	▭IL	QUARTER LINE	
MANHOLE	●MH	SIXTEENTH LINE	
MONUMENT	MON	PROPOSED OR NEW R/W LINE	
NORTH BOUND	NB	PROPOSED EASEMENT LINE	
PAGE	PG	PARCEL NUMBER	(00)
PERMANENT	PERM	UTILITY PARCEL NUMBER	000
PERMANENT LIMITED EASEMENT	PLE	PROPERTY LINE	PL
PRIVATE DRIVEWAY	PD	LOT, TIE AND OTHER MINOR DASHED LINES	
PROPERTY LINE	PL	ACCESS RESTRICTED (By Previous Project/Control)	
RADIUS	RAD	ACCESS RESTRICTED (By Acquisition)	
REFERENCE LINE	℄	NO ACCESS (By Statutory Authority)	
REMAINING	REM	LIMITED EASEMENT (Temporary or Permanent)	
RIGHT OF WAY	R/W	STORM SEWER	SS
SECTION	SEC	SANITARY SEWER	SAN
SECTION LINE	℄	BURIED GAS LINE	G
FOUND 1" IRON PIPE OR AS CAPPED	IP ●	CABLE OVERHEAD	OH
FOUND 2" IRON PIPE	IP ⊕		
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	OI		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	OO'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	⊕
TELEPHONE POLE	■	▫
SIGN	◗	◗
TELEPHONE PEDESTAL	■	▫
LIGHT POLE	✱	✱

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.02, VOL. 1 TPP PG. 22, DOCUMENT NO. 1900598.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, INCLUDING THE RIGHT TO OPERATE THE NECESSARY EQUIPMENT, THE RIGHT OF INGRESS AND EGRESS AS REQUIRED AND THE RIGHT TO PRESERVE,PROTECT, REMOVE, OR PLANT ANY VEGETATION. ALL TLES ON THIS PLAT EXPIRE AT THE COMPLETION OF THE PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

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

GREGORY T. BELANGER (PRINTED NAME) — Gregory T. Belanger (SIGNATURE) — 2/14/2011 (DATE)

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

NORMAN PAWELCZYK (PRINTED NAME) — Norman V. Pawelczyk (SIGNATURE) — 2/14/2011 (DATE)

CONC MON W/ BRASS CAP CTRS41
Y=188694.600
X=103301.610

CONC MON W/ BRASS CAP SEC53
Y=186086.430
X=100677.010

QTR54 PK NAIL
Y=186057.300
X=103252.490

PK NAIL SEC55
Y=186014.290
X=105887.740

CONC MON W/ BRASS CAP CTRS67
Y=183414.760
X=103221.930

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
102	WE ENERGIES - GAS	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:31 AM ON 2/17/2011 AS DOCUMENT # 1920716 AND FILED IN Vol: 1 Page 39

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.02
AMENDMENT NO:

SW-SE · SE-SE · NE-NW · NE-NE · NW-NE

CHICADEE DR · STH 23 R/W ℄ · PL · D8 · D9 · D10 · C1

101 TELEPHONE EASEMENT VOL 582 PG 305 DOC 916882 VOL 582 PG 304 DOC 916881 VOL 750 PG 243 DOC984045

102 GAS EASEMENT VOL 732 PG 126 DOC 975605

101 TELEPHONE CONVEYANCE OF RIGHTS VOL 1056 PG 306 DOC 1154841

103 ELECTRIC EASEMENT VOL 3 PG 524 DOC 607953

103 ELECTRIC CONVEYANCE OF RIGHTS VOL 1057 PG 736 DOC 1155665 VOL 1094 PG 783 DOC 1176574

TLE FOR SITE CLEARANCE

STATION AND OFFSET TABLE

D9	768+00.00	0.00'
IP6	771+43.09	162.21'
IP7	773+37.03	135.56'
29	774+00.00	160.00'
11	774+05.00	129.23'
30	776+30.00	139.00'
12	778+10.00	128.00'
33	778+49.15	261.75'
32	778+75.00	225.00'
31	778+94.00	149.00'
133	779+00.00	121.00'
T36	779+88.00	212.00'
T35	780+00.00	135.35'
13	780+15.00	137.50'
T37	780+55.00	225.00'
T38	780+75.00	130.20'
14	782+00.00	115.00'
276	784+00.00	113.00'
D10	786+00.00	0.00'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR54	D8	S 89°53'54" E	304.55'
D8	277	N 80°38'06" E	827.35'
277	276	S 49°11'02" W	200.36'
276	14	S 52°02'41" W	200.01'
14	13	S 45°41'00" W	186.36'
13	133	S 60°46'57" W	116.18'
133	12	S 48°10'13" W	90.27'
12	11	S 52°26'39" W	405.00'
11	IP7	S 47°19'11" W	66.52'
IP7	IP6	S 46°34'16" W	202.89'
IP6	IP5	S 46°34'15" W	359.21'
IP5	28	N 10°22'23" E	519.25'
28	29	N 51°15'02" E	237.89'
29	30	N 57°50'04" E	230.96'
30	31	N 59°26'54" E	264.19'
31	32	N 51°25'07" W	78.34'
32	33	N 72°30'00" W	44.93'
33	D8	N 00°56'06" E	33.00'

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR54	D9	S 24°41'21" W	938.26'
D9	PT C1	SEE CURVE TABLE CURVE C1	
PT C1	D10	N 52°37'03" E	1255.39'
D10	SEC55	S 80°52'52" E	1595.91'

D9 = PC C1

CURVE TABLE

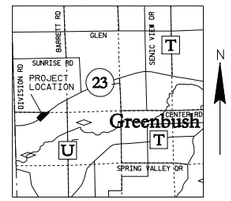
CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	N 56°31'05" E	544.19'	4000.00'	544.61'

PI C1 Y 185339.445 X 103097.760

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
1	DONALD F. & RUTH V. COOPER	FEE & ACCESS RIGHTS	1.547	0.107	1.654	
2	PETER J. & LISA L. BARTZ	FEE, TLE & ACCESS RIGHTS	0.647	0.562	1.209	0.138

SECTIONS 7 & 18 T15N-R20E, TOWN OF GREENBUSH



LOCATION SKETCH (NOT TO SCALE)

GN

0 100 200

GRAPHIC SCALE, FEET

FILE NAME : F:\d3_144013\040102_rw.dgn
APPRAISAL PLAT DATE :
PLOT DATE : 10-FEB-2011 10:19 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 100.000000:1.000000

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.03

THAT PART OF THE SW1/4 OF THE SE1/4 AND THE SE1/4 OF THE SE1/4, SECTION 7, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

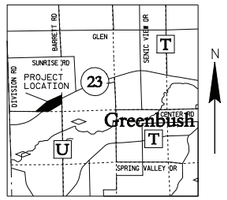
ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR		
ANGLE	∠	SET R/W MONUMENT W/CAP (1-1/4" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	
CHORD BEARING	CH BRG		
CHORD DISTANCE	CH DIS		
DEED	(D)		
DOCUMENT	DOC	SET P.K. NAIL	
EAST BOUND	EB	PROPOSED R/W	000
GAS VALVE	GV	BOUNDARY POINT	
INLET	I	CORPORATE LIMITS	
MANHOLE	MH	EXISTING R/W	
MONUMENT	MON	SECTION LINE	
NORTH BOUND	NB	QUARTER LINE	
PAGE	PG	SIXTEENTH LINE	
PERMANENT	PERM	PROPOSED OR NEW R/W LINE	
PERMANENT LIMITED EASEMENT	PLE	PROPOSED EASEMENT LINE	
PRIVATE DRIVEWAY	PD		
PROPERTY LINE	PL	PARCEL NUMBER	00
RADIUS	RAD		
REFERENCE LINE	℄	UTILITY PARCEL NUMBER	000
REMAINING	REM	PROPERTY LINE	PL
RIGHT OF WAY	R/W	LOT, TIE AND OTHER MINOR DASHED LINES	
SECTION	SEC	ACCESS RESTRICTED (By Previous Project/Control)	
SECTION LINE	℄	ACCESS RESTRICTED (By Acquisition)	
FOUND 1" IRON PIPE OR AS LABELED	IP	NO ACCESS (By Statutory Authority)	
FOUND 2" IRON PIPE	IP	LIMITED EASEMENT (Temporary or Permanent)	
STATION	STA	STORM SEWER	SS
TEMPORARY LIMITED EASEMENT	TLE	SANITARY SEWER	SAN
TIE POINT	OI	BURIED GAS LINE	G
VOLUME	VOL	CABLE OVERHEAD	OH
ADJOINING LANDS WITH SAME OWNER		BURIED CABLE	C-OH
PARALLEL TO LINE	00'	WATER MAIN	W
BUILDING TO BE RAZED		BURIED ELECTRIC	E
FEE ACQUISITION	VARYING HATCHING		
EXISTING RIGHT OF WAY	EX R/W		

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	⊕
TELEPHONE POLE	■	⊡
SIGN	▶	▷
TELEPHONE PEDESTAL	■	□
LIGHT POLE	✱	✲

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR54	D13	S 87°27'25" E	742.40'
D13	PC C1	N 52°37'03" E	496.46'
PC C1	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	D14	N 64°20'22" E	719.08'
D14	SEC55	S 06°46'10" W	1243.31'

SECTION 7
T15N-R20E, TOWN OF GREENBUSH



LOCATION SKETCH
(NOT TO SCALE)

N

STATION AND OFFSET TABLE

D13	782+00.00	0.00'
276	784+00.00	113.00'
277	786+00.00	101.00'
15	789+00.00	100.00'
16	793+60.00	115.00'
17	800+00.00	109.00'
18	801+00.00	120.00'
19	802+87.48	170.80'
D14	806+00.00	0.00'

NE-SE

2" IRON PIPE OTR42



Y=188654.800
X=105921.890

CURVE TABLE

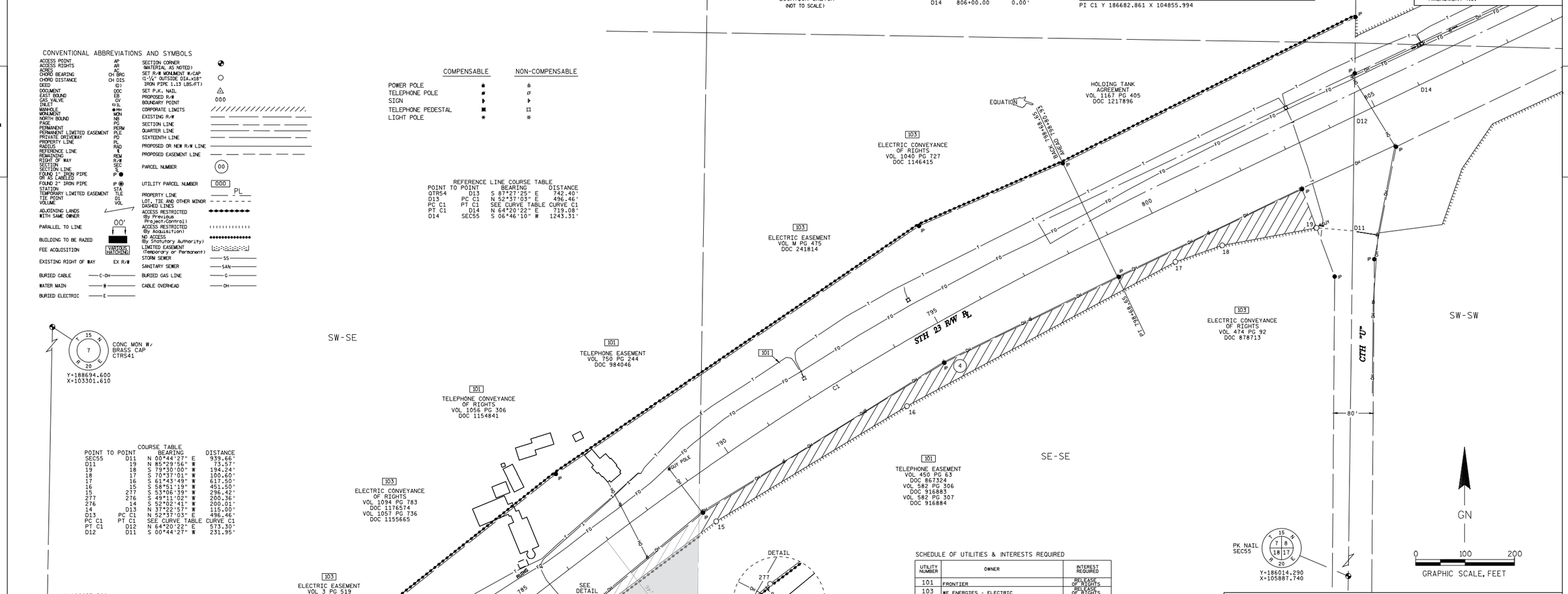
CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	N 58°28'43" E	1170.15'	5729.58'	1172.20'

PI C1 Y 186682.861 X 104855.994

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:31AM ON 2-17-2011 AS DOCUMENT # 1920077 AND FILED IN Vol. 1 Page 40

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.03
AMENDMENT NO:



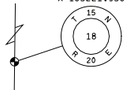
COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
SEC55	D11	N 00°44'27" E	939.66'
D11	19	N 85°29'56" W	73.57'
19	18	S 79°30'00" W	194.24'
18	17	S 70°37'01" W	100.60'
17	16	S 61°43'49" W	617.50'
16	15	S 58°51'19" W	451.50'
15	277	S 53°06'39" W	296.42'
277	276	S 49°11'02" W	200.36'
276	14	S 52°02'41" W	200.01'
14	D13	N 37°22'57" W	115.00'
D13	PC C1	N 52°37'03" E	496.46'
PC C1	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	D12	N 64°20'22" E	573.30'
D12	D11	S 00°44'27" W	231.95'

CONC MON W/ BRASS CAP CTRS41
Y=188694.600
X=103301.610



QTR54 PK NAIL
Y=186057.300
X=103252.490



CONC MON W/ BRASS CAP CTRS67
Y=183414.760
X=103221.930

PK NAIL SEC55
Y=186014.290
X=105887.740

GN

0 100 200
GRAPHIC SCALE, FEET

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL
4	VICTOR L. SCHNEIDER	FEE & ACCESS RIGHTS	1.327	-	1.327

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
2/14/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman W. Pawelczyk — SIGNATURE
2/14/2011 — DATE

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.01, VOL. 1 TPP PG. 22, DOCUMENT NO. 1900598 AND ACQUIRED UNDER PROJECT 1440-15-21.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21 AND 1440-15-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.04

THAT PART OF TRACT 1, VOL 1 OF CERTIFIED SURVEY MAPS, PG 115 AND THE NW¼ OF THE SW¼, SW¼ OF THE SW¼ AND NE¼ OF THE SW¼, SECTION 8, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR		
ACRES	AC		
CHORD BEARING	CH BRG	SET R/W MONUMENT W/CAP 1-1/4" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT	
CHORD DISTANCE	CH DIS		
DEED	(D)		
DOCUMENT	DOC	SET P.K. NAIL	
EAST BOUND	EB	PROPOSED R/W	
GAS VALVE	GV	BOUNDARY POINT	
INLET	▭ IL		
MANHOLE	● MH	CORPORATE LIMITS	
MONUMENT	MON	EXISTING R/W	
NORTH BOUND	NB		
PAGE	PG	SECTION LINE	
PERMANENT	PERM		
PERMANENT LIMITED EASEMENT	PLE	QUARTER LINE	
PRIVATE DRIVEWAY	PD	SIXTEENTH LINE	
PROPERTY LINE	PL		
RADIUS	RAD	PROPOSED OR NEW R/W LINE	
REFERENCE LINE	℄		
REMAINING	REM	PROPOSED EASEMENT LINE	
RIGHT OF WAY	R/W		
SECTION	SEC		
SECTION LINE	ℑ	PARCEL NUMBER	(00)
FOUND 1" IRON PIPE OR AS CABLED	IP ●		
FOUND 2" IRON PIPE	IP ⊛	UTILITY PARCEL NUMBER	000
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE	PROPERTY LINE	PL
TIE POINT	DI	LOT, TIE AND OTHER MINOR DASHED LINES	
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER		ACCESS RESTRICTED (By Previous Project/Control)	
PARALLEL TO LINE	00'	ACCESS RESTRICTED (By Acquisition)	
BUILDING TO BE RAZED		NO ACCESS (By Statutory Authority)	
FEE ACQUISITION	VARIOUS HATCHING	LIMITED EASEMENT (Temporary or Permanent)	
EXISTING RIGHT OF WAY	EX R/W	STORM SEWER	SS
		SANITARY SEWER	SAN
BURIED CABLE	C-OH	BURIED GAS LINE	G
WATER MAIN	W	CABLE OVERHEAD	OH
BURIED ELECTRIC	E		

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	⚡	⚡
TELEPHONE POLE	▰	▱
SIGN	▶	▷
TELEPHONE PEDESTAL	■	□
LIGHT POLE	✱	✱

DETAIL

NOT TO SCALE

Y=186654.800
X=105921.890

2" IRON PIPE QTR42

Y=186014.290
X=105887.740

PK NAIL SEC55

Y=188572.230
X=108568.180

1" IRON PIPE CTRS67

Y=185955.150
X=108541.470

QTR56 STONE W/ CHIS. "X"

REFERENCE LINE COURSE TABLE

POINT	TO POINT	BEARING	DISTANCE
SEC55	D17	N 02°49'55" W	1138.60'
D17	PC C1	N 64°20'22" E	1730.42'
PC C1	D31	SEE CURVE TABLE	CURVE C1
D31	CTR543	N 22°20'35" W	174.61'

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	N 67°42'04" E	1343.81'	11459.16'	1344.58'

PI C1 Y 188192.299 X 107997.925

COURSE TABLE

POINT	TO POINT	BEARING	DISTANCE
SEC55	D11	N 00°44'27" E	939.66'
D11	34	N 00°44'27" E	393.84'
34	35	N 64°58'02" E	273.81'
35	36	N 57°29'48" E	176.26'
36	37	N 69°05'19" E	326.12'
37	38	N 50°50'38" E	102.84'
38	39	N 62°25'49" E	300.17'
39	40	N 65°29'40" E	248.06'
40	D15	S 89°20'12" E	59.81'
D15	D16	N 00°39'48" E	449.46'
D16	67	S 89°20'12" E	33.00'
67	68	S 11°24'38" E	122.86'
68	69	S 37°28'20" E	252.90'
69	70	N 67°26'36" E	456.21'
70	71	N 68°53'45" E	628.08'
71	IP8	N 63°51'08" E	118.91'
IP8	IP9	N 63°51'09" E	39.76'
IP9	53	S 74°14'53" E	510.52'
53	52	S 71°28'05" W	697.97'
52	51	S 75°18'07" W	99.56'
51	50	S 66°07'30" W	544.86'
50	49	S 61°28'56" W	341.91'
49	48	S 69°42'20" W	164.52'
48	47	S 64°20'22" W	535.00'
47	46	S 65°16'43" W	305.04'
46	45	S 61°10'24" W	235.36'
45	44	S 65°00'02" W	260.02'
44	43	S 34°16'16" W	109.77'
43	42	S 19°20'22" W	120.21'
42	41	S 82°29'11" W	128.43'
41	D11	N 85°29'56" W	54.22'

STATION AND OFFSET TABLE

D17	803+75.00	0.00'
41	803+97.96	235.00'
42	805+20.00	275.00'
34	805+26.20	145.00'
43	806+05.00	190.00'
44	807+00.00	135.00'
35	808+00.00	142.00'
45	809+60.00	138.00'
36	809+75.00	163.00'
46	811+95.00	125.00'
37	813+00.00	136.00'
38	814+00.00	160.00'
47	815+00.00	130.00'
T22	815+27.00	164.23'
T23	815+61.00	238.00'
39	817+00.00	170.00'
40	819+48.01	165.00'
48	820+35.00	130.00'
68	821+97.00	408.00'
49	822+00.00	145.00'
67	822+25.00	527.35'
69	822+50.00	161.00'
50	825+45.00	120.00'
70	827+00.00	151.00'
51	830+95.00	103.00'
52	831+95.00	113.00'
71	833+20.00	150.63'
IP8	834+36.46	164.82'
D31	834+50.00	0.00'

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
5	ROBERT, JR. & RONALD KRAEMER	FEE & ACCESS RIGHTS	4.352	1.103	5.455	0.144
7	DEAN C. & KAYE M. HAU	FEE & ACCESS RIGHTS	1.766	0.942	2.708	
8	ROBERT J. & SANDRA WIRTZ	FEE & ACCESS RIGHTS	0.260	0.124	0.384	
9	LEONARD J. SOBCZAK	FEE & ACCESS RIGHTS	1.002	-	1.002	

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

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

GREGORY T. BELANGER (PRINTED NAME) — Gregory T. Belanger (SIGNATURE) — 2/14/2011 (DATE)

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

NORMAN PAWELCZYK (PRINTED NAME) — Norman R. Pawelczyk (SIGNATURE) — 2/14/2011 (DATE)

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:37 AM ON 2-17-2011 AS DOCUMENT # 1920078 AND FILED IN Vol. 1 Page 41

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.04
AMENDMENT NO:

SECTION 8
T15N-R20E, TOWN OF GREENBUSH

LOCATION SKETCH
(NOT TO SCALE)

GN

0 100 200

GRAPHIC SCALE, FEET

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.01, VOL. 1 TPP PG. 23, DOCUMENT NO. 1900599.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, INCLUDING THE RIGHT TO OPERATE THE NECESSARY EQUIPMENT, THE RIGHT OF INGRESS AND EGRESS AS REQUIRED AND THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT ANY VEGETATION. ALL TLES ON THIS PLAT EXPIRE AT THE COMPLETION OF THE PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

FILE NAME : F:\d3_144013\040104_rw.dgn
APPRAISAL PLAT DATE :
PLOT DATE : 10-FEB-2011 10:57
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : 100.000000:1.000000

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.05

THAT PART OF THE NW1/4 OF THE SE1/4, SW1/4 OF THE NE1/4 AND SE1/4 OF THE NE1/4, SECTION 8, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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.

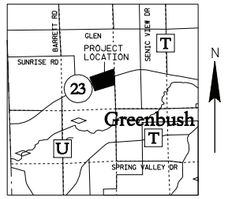
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
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.

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

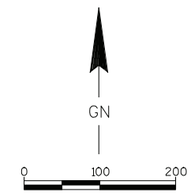
ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-1/4" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	○
ACRES	Ac	SET P.K. NAIL	△
CHORD BEARING	CH BRG	PROPOSED R/W	000
CHORD DISTANCE	CH DIS	BOUNDARY POINT	
DEED	(D)	CORPORATE LIMITS	
DOCUMENT	DOC	EXISTING R/W	
EAST BOUND	EB	SECTION LINE	
GAS VALVE	GV	QUARTER LINE	
INLET		SIXTEENTH LINE	
MANHOLE	MH	PROPOSED OR NEW R/W LINE	
MONUMENT	MON	PROPOSED EASEMENT LINE	
NORTH BOUND	NB	PARCEL NUMBER	(00)
PAGE	PG	UTILITY PARCEL NUMBER	000
PERMANENT	PERM	PROPERTY LINE	PL
PERMANENT LIMITED EASEMENT	PLE	LOT, TIE AND OTHER MINOR DASHED LINES	
PRIVATE DRIVEWAY	PD	ACCESS RESTRICTED (By Previous Project-Control)	
PROPERTY LINE	PL	ACCESS RESTRICTED (By Acquisition)	
RADIUS	RAD	NO ACCESS (By Statutory Authority)	
REFERENCE LINE	℄	LIMITED EASEMENT (Temporary or Permanent)	
REMAINING	REM	STORM SEWER	SS
RIGHT OF WAY	R/W	SANITARY SEWER	SAN
SECTION	SEC	BURIED GAS LINE	G
SECTION LINE		CABLE OVERHEAD	OH
FOUND 1" IRON PIPE OR AS LABELED	IP ●		
FOUND 2" IRON PIPE	IP ◉		
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	DI		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	⊕
TELEPHONE POLE	■	⊡
SIGN	▶	▷
TELEPHONE PEDESTAL	▣	⊟
LIGHT POLE	✱	✲

SECTION 8
T15N-R20E, TOWN OF GREENBUSH



LOCATION SKETCH
(NOT TO SCALE)



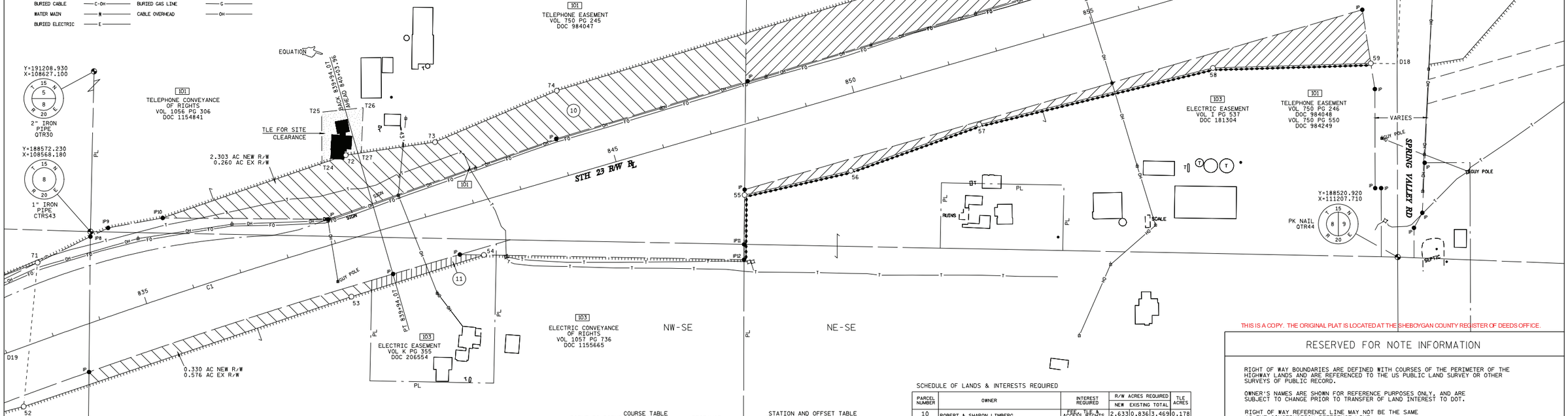
GRAPHIC SCALE, FEET

"T" POST SEC31
Y=191163.450
X=111199.120

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:31AM ON 2-17-2011 AS DOCUMENT # 1920079 AND FILED IN Vol. 1 Page 42

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.05
AMENDMENT NO:



REFERENCE LINE COURSE TABLE

POINT TO POINT	BEARING	DISTANCE
CTRS43 D19	S 35°09'07" W	302.01'
D19 PT C1	SEE CURVE TABLE CURVE C1	
PT C1 D20	N 73°46'58" E	2296.04'
D20 QTR44	S 12°11'06" W	711.36'

D19 + PC C1

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR44	D18	N 00°11'10" W	390.16'
D18	59	N 88°58'02" W	53.11'
59	58	S 88°18'48" W	318.86'
58	57	S 76°22'48" W	485.50'
57	56	S 70°14'43" W	275.52'
56	55	S 77°10'10" W	220.06'
55	IP11	S 00°32'46" W	99.76'
IP11	IP12	S 00°10'33" W	30.94'
IP12	54	N 88°57'20" W	525.34'
54	53	S 72°32'34" W	280.39'
53	52	S 71°28'05" W	697.97'
52	71	N 05°30'15" E	291.85'
71	IP8	N 63°51'08" E	118.91'
IP8	IP9	N 63°51'09" E	39.76'
IP9	IP10	N 79°37'27" E	112.18'
IP10	72	N 71°04'21" E	390.66'
72	73	N 81°39'44" E	182.18'
73	74	N 67°06'38" E	266.81'
74	75	N 73°08'36" E	1075.07'
75	250	N 73°43'02" E	669.24'
250	255	N 00°11'10" W	50.00'
255	273	N 73°43'02" E	50.00'
273	274	S 00°11'10" E	50.00'
274	D18	S 02°48'32" W	459.68'

STATION AND OFFSET TABLE

D19	831+95.00	0.00'
IP8	834+36.46	164.82'
IP9	834+75.34	169.83'
IP10	835+84.84	153.91'
53	839+00.00	112.00'
T24	839+20.00	162.82'
T25	839+48.00	262.00'
72	839+70.00	165.00'
T27	840+11.00	160.62'
T26	840+40.00	247.00'
73	841+60.00	140.00'
54	841+91.13	106.31'
74	844+25.00	171.00'
IP12	846+92.82	262.20'
IP11	847+01.55	232.52'
55	847+30.32	137.00'
56	849+50.00	150.00'
57	852+25.00	153.00'
75	855+00.00	183.00'
58	857+10.00	155.00'
59	860+18.66	235.00'
250	861+69.24	183.76'
255	861+83.04	231.82'
D20	863+00.00	0.00'

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	N 71°47'07" E	798.91'	11459.16'	799.07'

PI C1 Y 188463.396 X 108769.383

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
10	ROBERT & SHARON LIMBERG	FEE, TLE & ACCESS RIGHTS	2.633	0.836	3.469	0.178
11	JAMES K. MEIS & JANIE L. DEAN	FEE & ACCESS RIGHTS	0.083	0.019	0.102	
12	MERLIN P. & RUTH Y. LIMBERG	FEE & ACCESS RIGHTS	3.761	-	3.761	

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
2/14/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman T. Pawelczyk — SIGNATURE
2/14/2011 — DATE

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.04, VOL. 1 TPP PG. 24, DOCUMENT NO. 1900600.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, INCLUDING THE RIGHT TO OPERATE THE NECESSARY EQUIPMENT, THE RIGHT OF INGRESS AND EGRESS AS REQUIRED AND THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT ANY VEGETATION. ALL TLES ON THIS PLAT EXPIRE AT THE COMPLETION OF THE PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

FILE NAME : F:\d3_144013\040105_rw.dgn
APPRAISAL PLAT DATE :
PLOT DATE : 10-FEB-2011 11:01
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : 100.000000:1.000000

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.06

AMENDMENT NO 1

AMENDS PARCEL 13 OF TRANSPORTATION PROJECT PLAT 1440-13-22-4.06
RECORDED AS DOCUMENT NO 1920080 AND FILED IN VOL 1, PAGE 43.

THAT PART OF THE NE¼ OF THE NW¼, SW¼ OF THE NW¼ AND SE¼ OF THE NW¼, SECTION 9, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

"T" POST SEC31
Y=191163.450
X=111199.120

NW-NW

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

REFERENCE LINE COURSE TABLE

POINT TO POINT	BEARING	DISTANCE
QTR44 D23	N 03°44'54" W	640.85'
D23 PC C1	N 73°46'58" E	1699.10'
PC C1 D24	SEE CURVE TABLE	CURVE C1
D24 QTR32	N 06°01'33" W	313.14'

D24 = PT C1

SECTION 9
T15N-R20E, TOWN OF GREENBUSH

LOCATION SKETCH
(NOT TO SCALE)

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT AP
ACCESS RIGHTS AR
ACRES A
CHORD BEARING CH BRG
CHORD DISTANCE CH DIS
DEED (D)
DOCUMENT DOC
EAST BOUND EB
GAS VALVE GV
INLET IL
MANHOLE MH
MONUMENT MON
NORTH BOUND NB
PAGE PG
PERMANENT PERM
PERMANENT LIMITED EASEMENT PLE
PRIVATE DRIVEWAY PD
PROPERTY LINE PL
RADIUS RAD
REFERENCE LINE R
REMAINING REM
RIGHT OF WAY R/W
SECTION SEC
SECTION LINE SL
FOUND 1" IRON PIPE OP AS LABELED IP
FOUND 2" IRON PIPE IP
STATION STA
TEMPORARY LIMITED EASEMENT TLE
TIE POINT DI
VOLUME VOL
ADJOINING LANDS WITH SAME OWNER
PARALLEL TO LINE 00'
BUILDING TO BE RAZED
FEE ACQUISITION VARIOUS HATCHING
EXISTING RIGHT OF WAY EX R/W
BURIED CABLE C-OH
WATER MAIN W
BURIED ELECTRIC E

SECTION CORNER (MATERIAL AS NOTED)
SET R/W MONUMENT W/CAP (1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)
SET P.K. NAIL
PROPOSED R/W 000
BOUNDARY POINT
CORPORATE LIMITS
EXISTING R/W
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
PROPOSED OR NEW R/W LINE
PROPOSED EASEMENT LINE
PARCEL NUMBER 00
UTILITY PARCEL NUMBER 000
PROPERTY LINE PL
LOT, TIE AND OTHER MINOR DASHED LINES
ACCESS RESTRICTED (By Previous Project/Control)
ACCESS RESTRICTED (By Acquisition)
NO ACCESS (By Statutory Authority)
LIMITED EASEMENT (Temporary or Permanent)
STORM SEWER SS
SANITARY SEWER SAN
BURIED GAS LINE G
CABLE OVERHEAD OH

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	○
TELEPHONE POLE	■	□
SIGN	▶	▷
TELEPHONE PEDESTAL	■	□
LIGHT POLE	✱	✱

NE-NW

PK NAIL QTR32
Y=191090.620
X=113845.980

103
ELECTRIC CONVEYANCE OF RIGHTS
VOL 1094 PG 783
DOC 1176574

103
ELECTRIC EASEMENT
VOL K PG 354
DOC 206553

101
TELEPHONE EASEMENT
VOL 595 PG 411
DOC 921698

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN SheboyganCOUNTY, WISCONSIN AT 10:33 AM ON 5-31-11 AS DOCUMENT # 1974787 AND FILED IN Vol LTPP pg. 6-3
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.06
AMENDMENT NO: 1

SW-NW

103
ELECTRIC CONVEYANCE OF RIGHTS
VOL 1057 PG 736
DOC 1155665

101
TELEPHONE EASEMENT
VOL 749 PG 495
DOC 983724
VOL 750 PG 247
DOC 984049

101
TELEPHONE CONVEYANCE OF RIGHTS
VOL 1056 PG 306
DOC 1154841

103
ELECTRIC EASEMENT
VOL I PG 541
DOC 181308

TLE FOR DRIVEWAY

COURSE TABLE

POINT TO POINT	BEARING	DISTANCE
D18	N 00°11'10" W	390.16'
60	S 88°58'02" E	64.92'
61	N 80°25'57" E	69.09'
62	N 41°15'06" E	219.43'
63	N 74°38'51" E	265.03'
64	N 70°07'15" E	250.51'
65	N 80°06'44" E	111.36'
66	N 71°26'45" E	997.58'
IP13	N 83°58'04" E	99.77'
85	N 85°01'05" E	419.99'
86	S 65°06'13" E	40.36'
87	S 80°31'44" E	96.84'
88	S 86°00'00" E	130.61'
D21	N 82°15'08" E	25.00'
D22	N 00°23'13" E	612.94'
84	N 89°36'47" W	24.75'
83	S 07°18'34" W	191.94'
82	S 29°44'59" W	60.67'
81	S 89°49'59" W	458.71'
80	S 73°30'14" W	318.97'
79	S 79°12'01" W	344.80'
78	S 77°25'09" W	536.08'
77	S 65°39'10" W	247.49'
76	S 76°18'16" W	545.53'
274	S 73°43'02" W	155.76'
273	N 00°11'10" W	50.00'
255	S 73°43'02" W	50.00'
250	S 00°11'10" E	50.00'
D18	S 03°16'29" E	445.84'

STATION AND OFFSET TABLE

D23	861+00.00	0.00'
T11	861+18.44	307.84'
60	861+31.38	270.00'
61	862+00.00	278.00'
274	862+19.24	183.82'
T12	862+29.99	310.73'
273	862+33.04	231.88'
76	863+75.00	184.00'
62	863+85.00	160.00'
T13	864+12.98	205.38'
T14	865+61.78	203.06'
T15	865+99.58	244.98'
T17	866+14.04	163.46'
T16	866+31.16	215.64'
63	866+50.00	164.00'
64	869+00.00	148.00'
77	869+20.00	160.00'
65	870+00.00	197.00'
78	871+65.00	195.00'
79	877+00.00	161.00'
66	880+05.00	150.98'
80	880+35.00	136.00'
IP13	881+08.41	161.96'
81	883+40.00	170.00'
85	885+48.00	186.07'
86	885+85.00	206.00'
87	886+85.00	228.00'
82	887+80.00	133.00'
83	888+10.00	185.00'
88	888+23.45	241.35'
84	888+35.35	375.00'
D24	890+00.00	0.00'

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	N 82°48'13" E	1195.94'	3813.72'	1200.90'

PI C1 Y 189804.019 X 113378.678

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
13	RICHARD C. & JOANN A. ERNST	FEE, TLE & ACCESS RIGHTS	4.330	-	4.330	0.563
15	RAEDER RENTALS, LLC, A WISCONSIN LIMITED LIABILITY COMPANY	FEE & ACCESS RIGHTS	2.435	0.119	2.554	
16	MICHAEL J. & ANDREW P. PHIPPS	FEE & ACCESS RIGHTS	0.727	0.550	1.277	

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
5/23/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman V. Pawelczyk — SIGNATURE
5/23/2011 — DATE

MANAGED FOREST LAW
VOL 1874 PG 112
DOC 1609850

SE-NW

Y=188418.230
X=113827.930

CONC MON W/ BRASS CAP CTRS45

GN

0 100 200
GRAPHIC SCALE, FEET

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

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RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.05, VOL. 1 TPP PG. 25, DOCUMENT NO. 1900601.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, INCLUDING THE RIGHT TO OPERATE THE NECESSARY EQUIPMENT, THE RIGHT OF INGRESS AND EGRESS AS REQUIRED AND THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT ANY VEGETATION. ALL TLES ON THIS PLAT EXPIRE AT THE COMPLETION OF THE PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

FILE NAME : F:\d3_144013\040124_rw.dgn
APPRAISAL PLAT DATE :
PLOT DATE : 20-MAY-2011 10:14
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : 100.000000:1.000000

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.06

THAT PART OF THE NE¼ OF THE NW¼, SW¼ OF THE NW¼ AND SE¼ OF THE NW¼, SECTION 9, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

"T" POST SEC31
Y=191163.450
X=111199.120

NW-NW

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

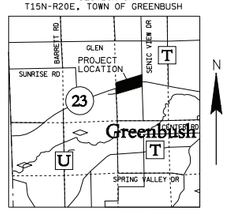
UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

REFERENCE LINE COURSE TABLE

POINT TO POINT	BEARING	DISTANCE
QTR44 D23	N 03°44'54" W	640.85'
D23 PC C1	N 73°46'58" E	1699.10'
PC C1 D24	SEE CURVE TABLE CURVE C1	
D24 QTR32	N 06°01'33" W	313.14'

D24 = PT C1

SECTION 9
T15N-R20E, TOWN OF GREENBUSH



LOCATION SKETCH
(NOT TO SCALE)

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	○
ACRES	A	SET P.K. NAIL	△
CHORD BEARING	CH BRG	PROPOSED R/W	000
CHORD DISTANCE	CH DIS	BOUNDARY POINT	
DEED	(D)	CORPORATE LIMITS	
DOCUMENT	DOC	EXISTING R/W	
EAST BOUND	EB	SECTION LINE	
GAS VALVE	GV	QUARTER LINE	
INLET	IL	SIXTEENTH LINE	
MANHOLE	MH	PROPOSED OR NEW R/W LINE	
MONUMENT	MON	PROPOSED EASEMENT LINE	
NORTH BOUND	NB	PARCEL NUMBER	00
PAGE	PG	UTILITY PARCEL NUMBER	000
PERMANENT	PERM	PROPERTY LINE	PL
PERMANENT LIMITED EASEMENT	PLE	LOT, TIE AND OTHER MINOR DASHED LINES	
PRIVATE DRIVEWAY	PD	ACCESS RESTRICTED (By Previous Project-Control)	
PROPERTY LINE	PL	ACCESS RESTRICTED (By Acquisition)	
RADIUS	RAD	NO ACCESS (By Statutory Authority)	
REFERENCE LINE	Ł	LIMITED EASEMENT (Temporary or Permanent)	VARIOUS HATCHING
REMAINING RIGHT OF WAY	REM R/W	STORM SEWER	SS
SECTION	SEC	SANITARY SEWER	SAN
SECTION LINE	SEC	BURIED GAS LINE	G
FOUND 1" IRON PIPE OR AS LABELED	IP	CABLE OVERHEAD	OH
FOUND 2" IRON PIPE	IP		
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	DI		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION			
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	○
TELEPHONE POLE	■	□
SIGN	▶	▷
TELEPHONE PEDESTAL	■	□
LIGHT POLE	✱	✱

NE-NW

PK NAIL QTR32
Y=191090.620
X=113845.980

101
TELEPHONE EASEMENT
VOL 595 PG 411
DOC 921698

103
ELECTRIC CONVEYANCE OF RIGHTS
VOL 1094 PG 783
DOC 1176574

103
ELECTRIC EASEMENT
VOL K PG 354
DOC 206553

101
TELEPHONE CONVEYANCE OF RIGHTS
VOL 1056 PG 306
DOC 1154841

MANAGED FOREST LAW
VOL 1874 PG 112
DOC 1609850

SE-NW

103
ELECTRIC EASEMENT
VOL I PG 541
DOC 181308

103
ELECTRIC CONVEYANCE OF RIGHTS
VOL 1057 PG 736
DOC 1155665

101
TELEPHONE EASEMENT
VOL 749 PG 495
DOC 983724
VOL 750 PG 247
DOC 984049

SW-NW

COURSE TABLE

POINT TO POINT	BEARING	DISTANCE
QTR44 D18	N 00°11'10" W	390.16'
D18 60	S 88°58'02" E	64.92'
60 61	N 80°25'57" E	69.09'
61 62	N 41°15'06" E	219.43'
62 63	N 74°38'51" E	265.03'
63 64	N 70°07'15" E	250.51'
64 65	S 80°06'44" E	111.36'
65 66	N 71°26'45" E	997.58'
66 IP13	N 83°58'04" E	99.77'
IP13 85	N 85°01'05" E	419.99'
85 86	S 65°06'13" E	40.36'
86 87	S 80°31'44" E	96.84'
87 88	S 86°00'00" E	130.61'
88 D21	N 82°15'08" E	25.00'
D21 D22	N 00°23'13" E	612.94'
D22 84	N 89°36'47" W	24.75'
84 83	S 07°18'34" W	191.94'
83 82	S 29°44'59" W	60.67'
82 81	S 89°49'59" W	458.71'
81 80	S 73°30'14" W	318.97'
80 79	S 79°12'01" W	344.80'
79 78	S 77°26'09" W	536.08'
78 77	S 65°39'10" W	247.49'
77 76	S 76°18'16" W	545.53'
P76 274	S 73°43'02" W	155.76'
274 273	N 00°11'10" W	50.00'
273 255	S 73°43'02" W	50.00'
255 250	S 00°11'10" E	50.00'
250 D18	S 03°16'29" E	445.84'

STATION AND OFFSET TABLE

D23	861+00.00	0.00'
T4	861+05.60	345.38'
T1	861+21.47	298.97'
60	861+31.38	270.00'
61	862+00.00	278.00'
274	862+19.24	183.82'
273	862+33.04	231.88'
76	863+75.00	184.00'
62	863+85.00	160.00'
T3	865+32.82	147.97'
T2	865+33.14	301.47'
63	866+50.00	164.00'
64	869+00.00	148.00'
77	869+20.00	160.00'
65	870+00.00	197.00'
78	871+65.00	195.00'
79	877+00.00	161.00'
66	880+05.00	150.98'
80	880+35.00	136.00'
IP13	881+08.41	161.96'
81	883+40.00	170.00'
85	885+48.00	186.07'
86	885+85.00	206.00'
87	886+85.00	228.00'
82	887+80.00	133.00'
83	888+10.00	185.00'
88	888+23.45	241.35'
84	888+35.35	375.00'
D24	890+00.00	0.00'

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	N 82°48'13" E	1195.94'	3813.72'	1200.90'

PI C1 Y 189804.019 X 113378.678

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
13	RICHARD C. & JOANN A. ERNST	FEE, TLE & ACCESS RIGHTS	4.330	-	4.330	0.448
15	RAEDER RENTALS, LLC, A WISCONSIN LIMITED LIABILITY COMPANY	FEE & ACCESS RIGHTS	2.435	0.119	2.554	
16	MICHAEL J. & ANDREW P. PHIPPS	FEE & ACCESS RIGHTS	0.727	0.550	1.277	

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
2/14/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman V. Pawelczyk — SIGNATURE
2/14/2011 — DATE

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:21AM ON 2-17-2011 AS DOCUMENT # 1920080 AND FILED IN Vol 1 Page 43

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.06
AMENDMENT NO:

SCENIC VIEW DR

Y=188418.230
X=113827.930

CONC MON W/ BRASS CAP CTRS45

GN

0 100 200
GRAPHIC SCALE, FEET

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.05, VOL. 1 TPP PG. 25, DOCUMENT NO. 1900601.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, INCLUDING THE RIGHT TO OPERATE THE NECESSARY EQUIPMENT, THE RIGHT OF INGRESS AND EGRESS AS REQUIRED AND THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT ANY VEGETATION. ALL TLES ON THIS PLAT EXPIRE AT THE COMPLETION OF THE PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.07
AMENDMENT NO 1

AMENDS PARCEL 16 OF TRANSPORTATION PROJECT PLAT 1440-13-22-4.07
RECORDED AS DOCUMENT NO 1920081 AND FILED IN VOL 1, PAGE 44

THAT PART OF TRACT 1, VOL 4 OF CERTIFIED SURVEY MAPS, PG 292 AND LOT 1, VOL 9 OF CERTIFIED SURVEY MAPS, PG 128 AND THE NW¼ OF THE NE¼, SW¼ OF THE NE¼, NE¼ OF THE NE¼ AND SE¼ OF THE NE¼, SECTION 9, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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.

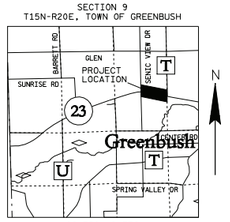
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
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.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN SHEBOYGAN COUNTY, WISCONSIN AT 11:30 P.M. ON 5/3/2011 AS DOCUMENT # 1923688 AND FILED IN VOL 1 TPP. Pg. 161

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.07
AMENDMENT NO: 1

SECTION 9
T15N-R20E, TOWN OF GREENBUSH

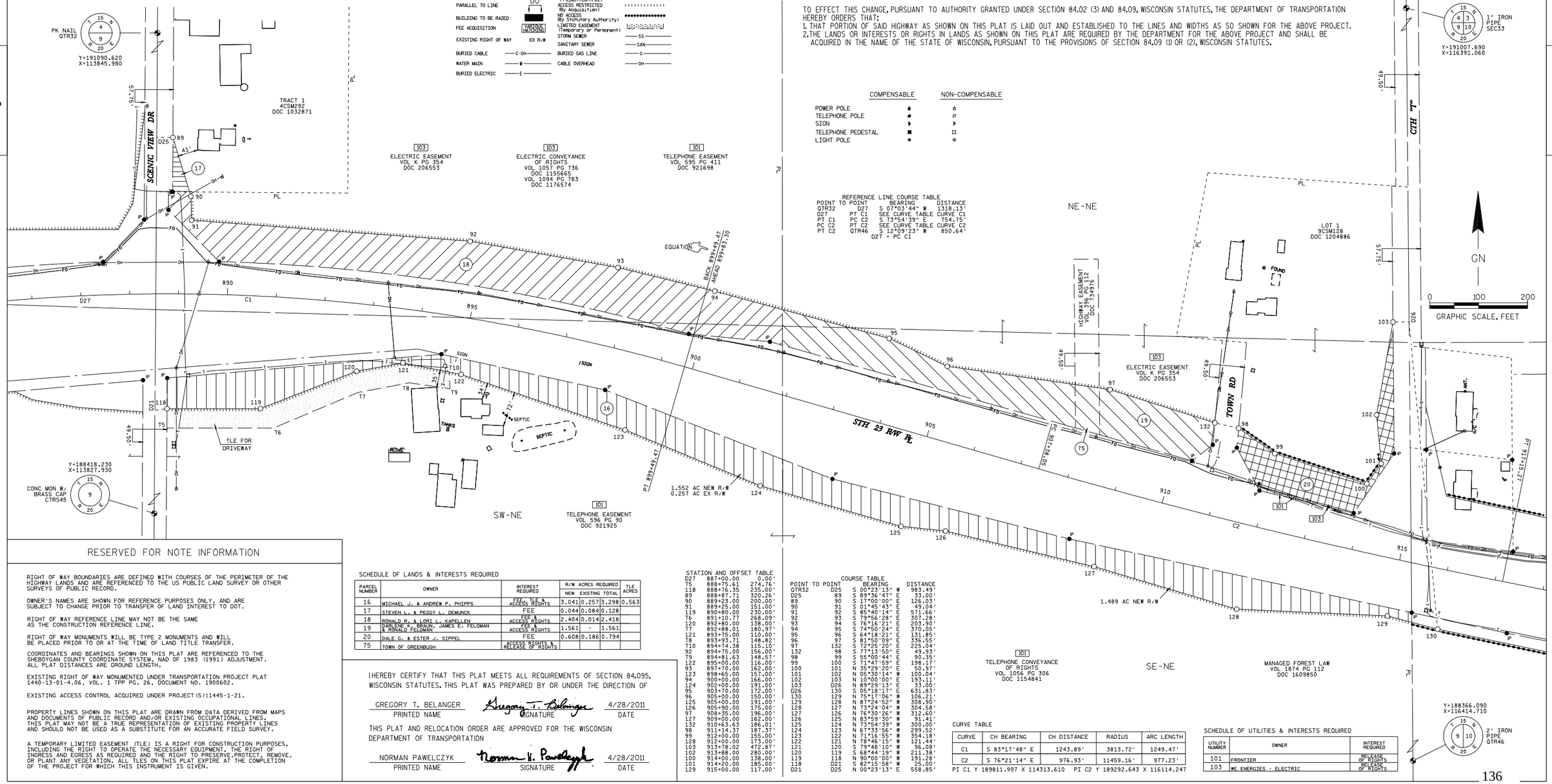


LOCATION SKETCH
(NOT TO SCALE)

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	
ACRES	AC		
CHORD BEARING	CH BRG	SET P.K. NAIL	
CHORD DISTANCE	CH DIS	PROPOSED R/W	000
DEED	(D)	BOUNDARY POINT	
DOCUMENT	DOC	CORPORATE LIMITS	
EAST BOUND	EB	EXISTING R/W	
GAS VALVE	GV	SECTION LINE	
INLET	I	QUARTER LINE	
MANHOLE	MH	SIXTEENTH LINE	
MONUMENT	MON	PROPOSED OR NEW R/W LINE	
NORTH BOUND	NB	PROPOSED EASEMENT LINE	
PAGE	PG		
PERMANENT	PERM	PARCEL NUMBER	00
PERMANENT LIMITED EASEMENT	PLE		
PRIVATE DRIVEWAY	PD	UTILITY PARCEL NUMBER	000
PROPERTY LINE	PL	PROPERTY LINE	PL
RADIUS	RAD	LOT, TIE AND OTHER MINOR DASHED LINES	
REFERENCE LINE	℄	ACCESS RESTRICTED (By Previous Project/Control)	
REMAINING	REM	ACCESS RESTRICTED (By Acquisition)	
RIGHT OF WAY	R/W	NO ACCESS (By Statutory Authority)	
SECTION	SEC	LIMITED EASEMENT (Temporary or Permanent)	
SECTION LINE	℄	STORM SEWER	SS
FOUND 1" IRON PIPE OR AS LABELED	IP ●	SANITARY SEWER	SAN
FOUND 2" IRON PIPE	IP ◎	BURIED GAS LINE	G
STATION	STA	CABLE OVERHEAD	OH
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	DI		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	⊕
TELEPHONE POLE	■	⊡
SIGN	▶	⊩
TELEPHONE PEDESTAL	■	⊡
LIGHT POLE	✱	✱



REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR32	D27	S 07°03'44" W	1318.13'
D27	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	PC C2	S 73°54'39" E	754.75'
PC C2	PT C2	SEE CURVE TABLE	CURVE C2
PT C2	QTR46	S 12°09'23" W	850.64'

D27 = PC C1

STATION AND OFFSET TABLE

D27	887+00.00	0.00'
T5	888+75.61	274.76'
118	888+76.35	235.00'
89	888+87.71	320.26'
90	889+23.00	200.00'
91	889+25.00	151.00'
119	890+80.00	230.00'
T6	891+10.77	268.09'
120	892+80.00	138.00'
T7	892+88.01	180.97'
121	893+75.00	110.00'
T8	893+93.71	148.82'
T10	894+74.38	116.10'
92	894+75.00	156.00'
T9	894+81.63	148.57'
122	895+00.00	116.00'
93	897+70.00	162.00'
123	898+65.00	157.00'
94	900+00.00	166.00'
124	902+00.00	191.00'
95	903+70.00	172.00'
96	905+00.00	150.00'
125	905+00.00	191.00'
126	905+90.00	175.00'
97	908+35.00	196.00'
127	909+00.00	162.00'
132	910+63.63	166.01'
98	911+14.37	187.37'
99	912+00.00	155.00'
128	912+00.00	173.00'
103	913+78.02	472.87'
102	913+88.00	280.00'
100	914+00.00	138.00'
101	914+20.00	185.00'
129	915+00.00	117.00'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR32	D25	S 00°23'13" W	983.49'
D25	89	S 89°36'47" E	33.00'
89	90	S 17°00'00" E	126.03'
90	91	S 01°45'43" E	49.04'
91	92	S 85°40'14" E	571.66'
92	93	S 79°56'28" E	307.28'
93	94	S 76°16'21" E	203.90'
94	95	S 74°50'24" E	370.05'
95	96	S 64°18'21" E	131.85'
96	97	S 81°50'09" E	336.55'
97	132	S 72°25'20" E	225.04'
132	98	S 77°13'50" E	49.93'
98	99	S 55°00'44" E	90.35'
99	100	S 71°47'00" E	198.17'
100	101	N 35°29'20" E	50.97'
101	102	N 05°30'14" W	100.04'
102	103	N 10°00'00" E	193.11'
103	D26	N 89°29'13" E	33.00'
D26	130	S 05°18'17" E	631.83'
130	129	N 75°17'06" W	106.21'
129	128	N 87°24'52" W	308.90'
128	127	N 73°24'04" W	304.58'
127	126	N 76°30'26" W	312.60'
126	125	N 83°59'30" W	91.41'
125	124	N 73°54'39" W	300.00'
124	123	N 67°33'66" W	299.52'
123	122	N 71°16'55" W	354.18'
122	121	N 78°46'15" W	121.44'
121	120	S 79°48'10" W	96.08'
120	119	S 68°44'19" W	211.38'
119	118	N 90°00'00" W	191.28'
118	D21	S 82°15'58" W	25.00'
D21	D25	N 00°23'13" E	558.85'

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 83°17'48" E	1243.89'	3813.72'	1249.47'
C2	S 76°21'14" E	976.93'	11459.16'	977.23'

PI C1 Y 189811.997 X 114313.610 PI C2 Y 189292.643 X 116114.247

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
16	MICHAEL J. & ANDREW P. PHIPPS	FEE, TLE & ACCESS RIGHTS	3.041	0.257	3.298	0.563
17	STEVEN L. & PEGGY L. DEMUNCK	FEE	0.044	0.084	0.128	
18	RONALD R. & LORI L. KAPELLEN	FEE & ACCESS RIGHTS	2.404	0.014	2.418	
19	DARLENE K. BRAUN, JAMES E. FELDMAN & RONALD FELDMAN	FEE & ACCESS RIGHTS	1.561	–	1.561	
20	DALE G. & ESTER J. SIPPEL	FEE	0.608	0.186	0.794	
75	TOWN OF GREENBUSH	ACCESS RIGHTS & RELEASE OF RIGHTS				

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.06, VOL. 1 TPP PG. 26, DOCUMENT NO. 1900602.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, INCLUDING THE RIGHT TO OPERATE THE NECESSARY EQUIPMENT, THE RIGHT OF INGRESS AND EGRESS AS REQUIRED AND THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT ANY VEGETATION. ALL TLES ON THIS PLAT EXPIRE AT THE COMPLETION OF THE PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
4/28/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman W. Pawelczyk — SIGNATURE
4/28/2011 — DATE

FILE NAME : F:\d3_144013\040122_rw.dgn
APPRAISAL PLAT DATE :
PLOT DATE : 26-APR-2011 10:42
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : 100.000000:1.000000

8051006
Tx:4026474

1936463
SHEBOYGAN COUNTY, WI
RECORDED ON
12/28/2011 11:50 AM
ELLEN R. SCHLEICHER
REGISTER OF DEEDS
RECORDING FEE: 30.00
EXEMPTION #
Cashier ID: 9
PAGES: 1

Document Number
VACATION ORDER
TRANSPORTATION PROJECT PLAT PARCEL
Wisconsin Department of Transportation
s.84.095(3)(b) Wis. Stats.
DT2222 · 2006

This Vacation Order applies to Transportation Project Plat 1440-13-22-4.07, recorded on 5/3/2011 as Document Number 1923658 in the Office of the Register of Deeds for Sheboygan County.

Whereas, parcel 75 of the above-described Transportation Project Plat has been determined to be unnecessary for transportation improvement project purposes, said parcel is vacated and rescinded.

This space is reserved for recording data

Return to

Wisconsin Department of Transportation
944 Vanderperren Way
Green Bay, WI 54304

Parcel Identification Number/Tax Key Number

This Vacation Order has been approved by the Wisconsin Department of Transportation.

Gregory T. Belanger
(Signature)

Gregory T. Belanger
(Print Name)

Right of Way Plat Technician
(Title)

(Seal)

12-20-2011
(Date)

State of Wisconsin)
) ss.
BROWN County)

On the above date, this instrument was acknowledged before me by the named person(s).

(Signature, Notary Public, State of Wisconsin)

EICHAID JAY VISTE
(Print or Type Name, Notary Public, State of Wisconsin)

8/17/2014
(Date Commission Expires)

Project ID 1440-13-22-4.07 This instrument was drafted by Gregory T. Belanger

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.07

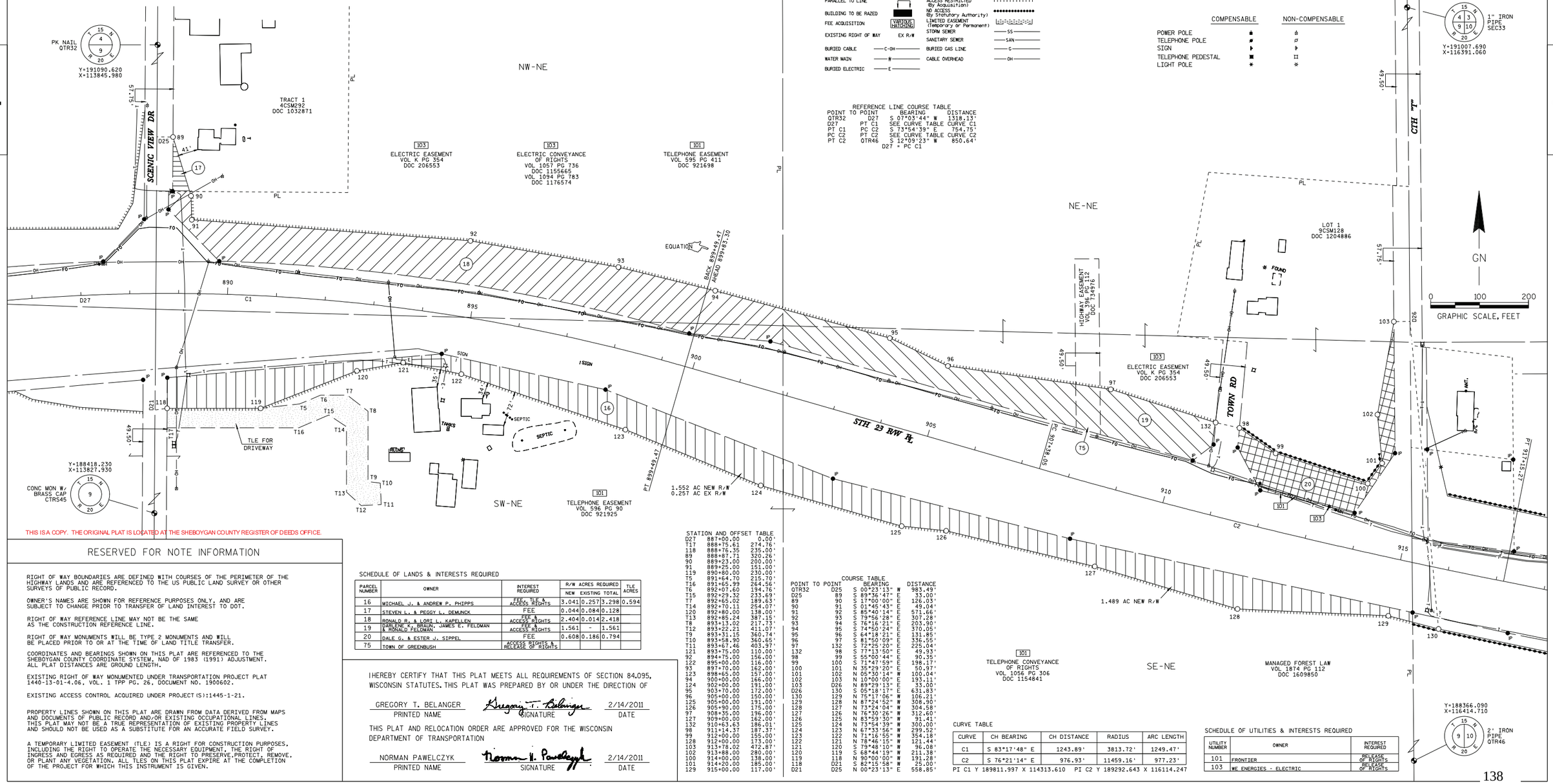
THAT PART OF TRACT 1, VOL 4 OF CERTIFIED SURVEY MAPS, PG 292 AND LOT 1, VOL 9 OF CERTIFIED SURVEY MAPS, PG 128 AND THE NW¼ OF THE NE¼, SW¼ OF THE NE¼, NE¼ OF THE NE¼ AND SE¼ OF THE NE¼, SECTION 9, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.



CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	⊕
ACCESS RIGHTS	AR		
ANGLE	∠	SET R/W MONUMENT W/CAP (1-¼" OUTSIDE DIA. x18" IRON PIPE 1.13 LBS/FT)	○
CHORD BEARING	CH BRG		
CHORD DISTANCE	CH DIS	SET P.K. NAIL	△
DEED	(D)	PROPOSED R/W	000
DOCUMENT	DOC	BOUNDARY POINT	
EAST BOUND	EB	CORPORATE LIMITS	
GAS VALVE	GV	EXISTING R/W	
INLET	⊓ IL	SECTION LINE	
MANHOLE	●MH	QUARTER LINE	
MONUMENT	MON	SIXTEENTH LINE	
NORTH BOUND	NB	PROPOSED OR NEW R/W LINE	
PAGE	PG	PROPOSED EASEMENT LINE	
PERMANENT	PERM	PARCEL NUMBER	00
PERMANENT LIMITED EASEMENT	PLE	UTILITY PARCEL NUMBER	000
PRIVATE DRIVEWAY	PD	PROPERTY LINE	PL
PROPERTY LINE	PL	LOT, TIE AND OTHER MINOR DASHED LINES	
RADIUS	RAD	ACCESS RESTRICTED (By Previous Project/Control)	
REFERENCE LINE	℄	ACCESS RESTRICTED (By Acquisition)	
REMAINING	REM	NO ACCESS (By Statutory Authority)	
RIGHT OF WAY	R/W	LIMITED EASEMENT (Temporary or Permanent)	
SECTION	SEC	STORM SEWER	SS
SECTION LINE	S	SANITARY SEWER	SAN
FOUND 1" IRON PIPE OR AS LABELED	IP-●	BURIED GAS LINE	G
FOUND 2" IRON PIPE	IP ◉	CABLE OVERHEAD	OH
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	TP		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

SECTION 9
T15N-R20E, TOWN OF GREENBUSH



LOCATION SKETCH
(NOT TO SCALE)

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	○
TELEPHONE POLE	●	○
SIGN	⚑	⚐
TELEPHONE PEDESTAL	■	□
LIGHT POLE	✳	✳

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:31 AM ON 2-17-2011 AS DOCUMENT # 1980081 AND FILED IN Vol. 1 Page 44

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.07
AMENDMENT NO:

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR32	D27	S 07°03'44" W	1318.13'
D27	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	PC C2	S 73°54'39" E	754.75'
PC C2	PT C2	SEE CURVE TABLE	CURVE C2
PT C2	QTR46	S 12°09'23" W	850.64'

D27 = PC C1

STATION AND OFFSET TABLE

D27	887+00.00	0.00'
T17	888+75.61	274.76'
118	888+76.35	235.00'
89	888+87.71	320.26'
90	889+23.00	200.00'
91	889+25.00	151.00'
119	890+80.00	230.00'
T5	891+64.70	215.70'
T16	891+65.99	264.56'
T6	892+07.60	194.76'
T15	892+29.32	233.69'
T7	892+65.02	189.63'
T14	892+70.11	254.07'
120	892+80.00	138.00'
T13	893+85.24	387.15'
T8	893+13.02	217.73'
T12	893+22.21	411.07'
T9	893+31.15	360.74'
T10	893+58.90	360.65'
T11	893+67.46	403.97'
121	893+75.00	110.00'
92	894+75.00	156.00'
122	895+00.00	116.00'
93	897+70.00	162.00'
123	898+65.00	157.00'
94	900+00.00	166.00'
124	902+00.00	191.00'
95	903+70.00	172.00'
96	905+00.00	150.00'
125	905+00.00	191.00'
126	905+90.00	175.00'
97	908+35.00	196.00'
127	909+00.00	162.00'
132	910+63.63	186.01'
98	911+14.37	187.37'
99	912+00.00	155.00'
128	912+00.00	173.00'
103	913+78.02	472.87'
102	913+88.00	280.00'
100	914+00.00	138.00'
101	914+20.00	185.00'
129	915+00.00	117.00'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR32	D25	S 00°23'13" W	983.49'
D25	89	S 89°36'47" E	33.00'
89	90	S 17°00'00" E	126.03'
90	91	S 01°45'43" E	49.04'
91	92	S 85°40'14" E	571.66'
92	93	S 79°56'28" E	307.28'
93	94	S 76°16'21" E	203.90'
94	95	S 74°50'24" E	370.05'
95	96	S 64°18'21" E	131.85'
96	97	S 81°50'09" E	336.55'
97	132	S 72°54'20" E	225.04'
132	98	S 77°13'50" E	49.93'
98	99	S 55°00'44" E	90.35'
99	100	S 71°47'00" E	198.17'
100	101	N 35°29'20" E	50.97'
101	102	N 05°30'14" W	100.04'
102	103	N 10°00'00" E	193.11'
103	D26	N 89°29'13" E	33.00'
D26	130	S 05°18'17" E	631.83'
130	129	N 75°17'06" W	106.21'
129	128	N 87°24'52" W	308.90'
128	127	N 73°24'04" W	304.58'
127	126	N 76°30'26" W	312.60'
126	125	N 83°59'30" W	91.41'
125	124	N 73°54'39" W	300.00'
124	123	N 67°33'66" W	299.52'
123	122	N 71°16'55" W	354.18'
122	121	N 78°46'15" W	121.44'
121	120	S 79°48'10" W	96.08'
120	119	S 68°44'19" W	211.38'
119	118	N 90°00'00" W	191.28'
118	D21	S 82°15'58" W	25.00'
D21	D25	N 00°23'13" E	558.85'

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 83°17'48" E	1243.89'	3813.72'	1249.47'
C2	S 76°21'14" E	976.93'	11459.16'	977.23'

PI C1 Y 189811.997 X 114313.610 PI C2 Y 189292.643 X 116114.247

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
16	MICHAEL J. & ANDREW P. PHIPPS	FEE, TLE & ACCESS RIGHTS	3.041	0.257	3.298	0.594
17	STEVEN L. & PEGGY L. DEMUNCK	FEE	0.044	0.084	0.128	
18	RONALD R. & LORI L. KAPELLEN	FEE & ACCESS RIGHTS	2.404	0.014	2.418	
19	DARLENE K. BRAUN, JAMES E. FELDMAN & RONALD FELDMAN	FEE & ACCESS RIGHTS	1.561	-	1.561	
20	DALE G. & ESTER J. SIPPEL	FEE	0.608	0.186	0.794	
75	TOWN OF GREENBUSH	ACCESS RIGHTS & RELEASE OF RIGHTS				

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.06, VOL. 1 TPP PG. 26, DOCUMENT NO. 1900602.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, INCLUDING THE RIGHT TO OPERATE THE NECESSARY EQUIPMENT, THE RIGHT OF INGRESS AND EGRESS AS REQUIRED AND THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT ANY VEGETATION. ALL TLES ON THIS PLAT EXPIRE AT THE COMPLETION OF THE PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
2/14/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman T. Pawelczyk — SIGNATURE
2/14/2011 — DATE

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

FILE NAME : F:\d3_144013\040107_rw.dgn
APPRAISAL PLAT DATE :

PLOT DATE : 10-FEB-2011 11:05 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 100.000000:1.000000

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.08

THAT PART OF TRACT 1, VOL 1 OF CERTIFIED SURVEY MAPS, PG 291 AND THE SW¼ OF THE NW¼ AND THE SE¼ OF THE NW¼, SECTION 10, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:31AM ON 2-17-2011 AS DOCUMENT # 1920082 AND FILED IN Vol. 1 Page 45

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.08
AMENDMENT NO:

1" IRON PIPE SEC33
Y=191007.690
X=116391.060

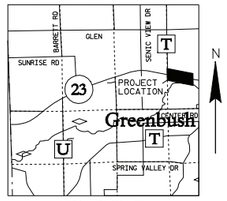
2" IRON PIPE QTR34
Y=191008.740
X=119087.750

2" IRON PIPE QTR46
Y=188366.090
X=116414.710

SAWED "X" IN ROCK CTRS47
Y=188377.000
X=119081.

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	■	▲
TELEPHONE POLE	●	○
SIGN	▶	▷
TELEPHONE PEDESTAL	■	□
LIGHT POLE	*	*

SECTION 10
T15N-R20E, TOWN OF GREENBUSH

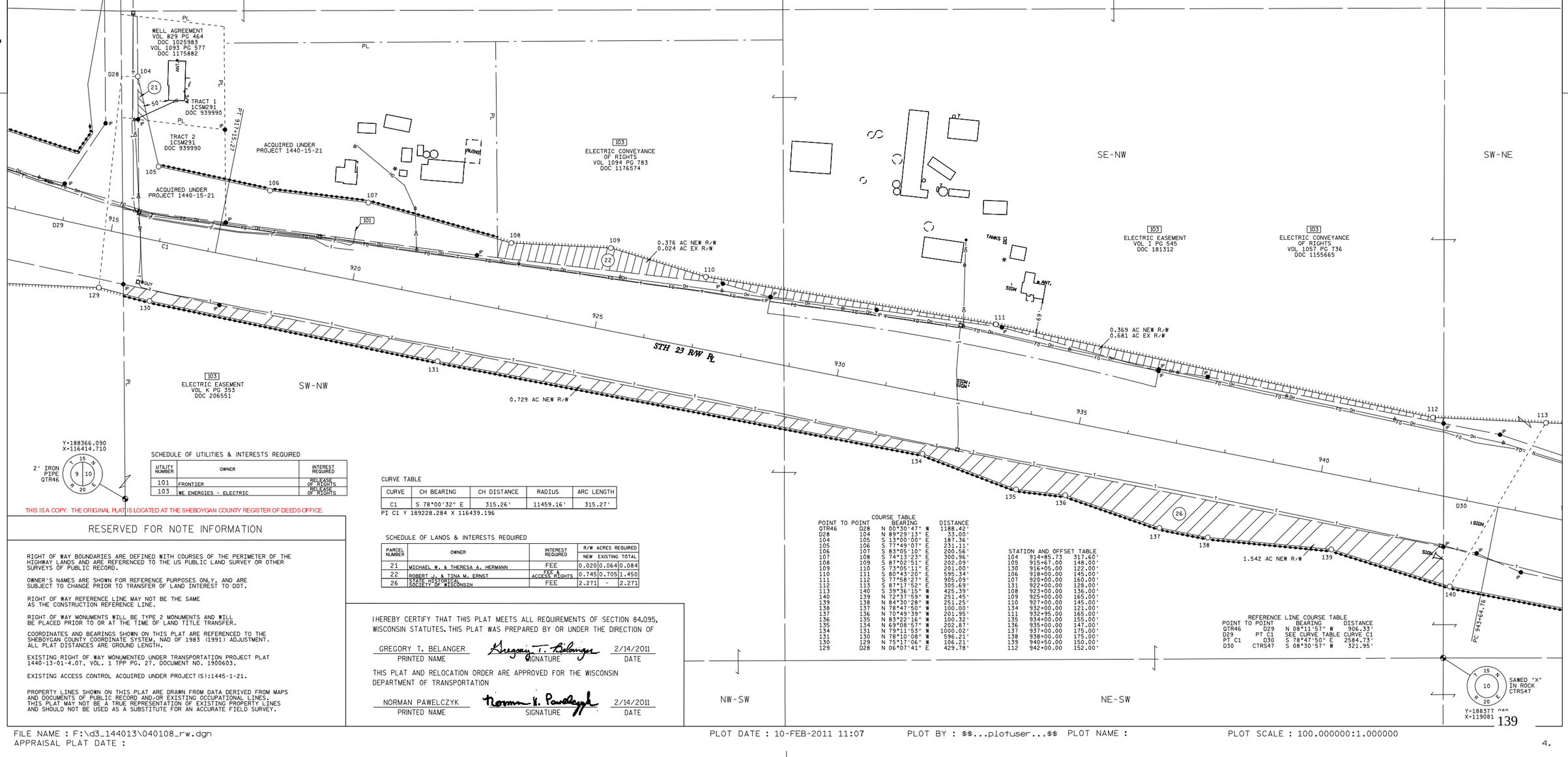


LOCATION SKETCH
(NOT TO SCALE)

GRAPHIC SCALE, FEET
0 100 200

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	○
ACRES	AC	SET P.K. NAIL	△
CHORD BEARING	CH BRG	PROPOSED R/W	000
CHORD DISTANCE	CH DIS	BOUNDARY POINT	
DEED	(D)	CORPORATE LIMITS	
DOCUMENT	DOC	EXISTING R/W	
EAST BOUND	EB	SECTION LINE	
GAS VALVE	GV	QUARTER LINE	
INLET	▭ I.	SIXTEENTH LINE	
MANHOLE	●MH	PROPOSED OR NEW R/W LINE	
MONUMENT	MON	PROPOSED EASEMENT LINE	
NORTH BOUND	NB	PARCEL NUMBER	(00)
PAGE	PG	UTILITY PARCEL NUMBER	000
PERMANENT	PERM	PROPERTY LINE	PL
PERMANENT LIMITED EASEMENT	PLE	LOT, TIE AND OTHER MINOR DASHED LINES	
PRIVATE DRIVEWAY	PD	ACCESS RESTRICTED (By Previous Project/Control)	
PROPERTY LINE	PL	ACCESS RESTRICTED (By Acquisition)	
RADIUS	RAD	NO ACCESS (By Statutory Authority)	
REFERENCE LINE	℄	LIMITED EASEMENT (Temporary or Permanent)	
REMAINING	REM	STORM SEWER	SS
RIGHT OF WAY	R/W	SANITARY SEWER	SAN
SECTION	SEC	BURIED GAS LINE	G
SECTION LINE	S	CABLE OVERHEAD	OH
FOUND 1" IRON PIPE OR AS LABELED	IP ●	BURIED CABLE	C-OH
FOUND 2" IRON PIPE	IP ◉	WATER MAIN	W
STATION	STA	BURIED ELECTRIC	E
TEMPORARY LIMITED EASEMENT	TLE	ADJOINING LANDS WITH SAME OWNER	
TIE POINT	OL	PARALLEL TO LINE	00'
VOLUME	VOL	BUILDING TO BE RAZED	
		FEE ACQUISITION	VARIOUS HATCHING
		EXISTING RIGHT OF WAY	EX R/W



SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 78°00'32" E	315.26'	11459.16'	315.27'

PI C1 Y 189228.284 X 116439.196

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL
21	MICHAEL W. & THERESA A. HERMANN	FEE	0.020	0.064	0.084
22	ROBERT J. & TINA M. ERNST	FEE & ACCESS RIGHTS	0.745	0.705	1.450
26	STATE HISTORICAL SOCIETY OF WISCONSIN	FEE	2.271	-	2.271

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR46	D28	N 05°10'47" W	1188.42'
D28	104	N 89°29'13" E	33.00'
104	105	S 13°00'00" E	187.36'
105	106	S 77°49'07" E	231.11'
106	107	S 83°05'10" E	200.56'
107	108	S 74°13'23" E	300.96'
108	109	S 87°02'51" E	202.09'
109	110	S 73°05'11" E	201.00'
110	111	S 80°43'20" E	595.34'
111	112	S 77°58'27" E	905.09'
112	113	S 87°17'52" E	305.69'
113	140	S 39°36'15" W	425.39'
140	139	N 72°37'59" W	251.45'
139	138	N 84°30'28" W	251.25'
138	137	N 78°47'50" W	100.00'
137	136	N 70°49'39" W	201.95'
136	135	N 83°22'16" W	100.32'
135	134	N 69°08'57" W	202.87'
134	131	N 79°11'53" W	1000.02'
131	130	N 78°10'08" W	596.21'
130	129	N 75°17'06" W	106.21'
129	D28	N 06°07'41" E	429.78'

STATION AND OFFSET TABLE

104	914+85.73	317.60'
105	915+67.00	148.00'
130	916+05.00	122.00'
106	918+00.00	145.00'
107	920+00.00	160.00'
131	922+00.00	128.00'
108	923+00.00	136.00'
109	925+00.00	165.00'
110	927+00.00	145.00'
134	932+00.00	121.00'
111	932+95.00	165.00'
135	934+00.00	155.00'
136	935+00.00	147.00'
137	937+00.00	175.00'
138	938+00.00	175.00'
139	940+50.00	150.00'
112	942+00.00	152.00'

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR46	D29	N 08°11'57" W	906.33'
D29	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	D30	S 78°47'50" E	2584.73'
D30	CTRS47	S 08°30'57" W	321.95'

PC 943+64.76

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.07. VOL. 1 TPP PG. 27. DOCUMENT NO. 1900603.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
2/14/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman R. Pawelczyk — SIGNATURE
2/14/2011 — DATE

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.09

THAT PART OF LOT 1, VOL 12 OF CERTIFIED SURVEY MAPS, PG 269 AND THE NW¼ OF THE SE¼, SW¼ OF THE NE¼ AND SE¼ OF THE NE¼, SECTION 10, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:31 AM ON 2-17-2011 AS DOCUMENT # 1920083 AND FILED IN Vol. 1 Page 46

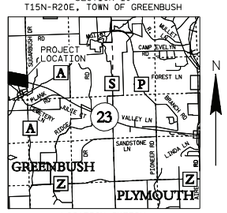
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.09
AMENDMENT NO:

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	○
TELEPHONE POLE	■	□
SIGN	▶	▷
TELEPHONE PEDESTAL	■	□
LIGHT POLE	*	*

2" IRON PIPE QTR34
Y=191008.740
X=119087.750

SECTION 10
T15N-R20E, TOWN OF GREENBUSH



LOCATION SKETCH
(NOT TO SCALE)

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP	○
ACRES	Ac	(1-¼" OUTSIDE DIA.X18" IRON PIPE 1.13 LBS/FT)	
CHORD BEARING	CH BRG	SET P.K. NAIL	△
CHORD DISTANCE	CH DIS	PROPOSED R/W	000
DEED	(D)	BOUNDARY POINT	
DOCUMENT	DOC	CORPORATE LIMITS	
EAST BOUND	EB	EXISTING R/W	
GAS VALVE	GV	SECTION LINE	
INLET	In.	QUARTER LINE	
MANHOLE	MH	SIXTEENTH LINE	
MONUMENT	MON	PROPOSED OR NEW R/W LINE	
NORTH BOUND	NB	PROPOSED EASEMENT LINE	
PAGE	PG	PARCEL NUMBER	00
PERMANENT	PERM		
PERMANENT LIMITED EASEMENT	PLE		
PRIVATE DRIVEWAY	PD		
PROPERTY LINE	PL		
RADIUS	RAD		
REFERENCE LINE	℄		
REMAINING	REM		
RIGHT OF WAY	R/W		
SECTION	SEC		
SECTION LINE	S.		
FOUND 1" IRON PIPE OR AS LABELED	IP ●		

FOUND 2" IRON PIPE	IP ◉	UTILITY PARCEL NUMBER	000
STATION	STA	PROPERTY LINE	PL
TEMPORARY LIMITED EASEMENT	TLE	LOT, TIE AND OTHER MINOR DASHED LINES	
TIE POINT	DI	ACCESS RESTRICTED (By Previous Project/Control)	
VOLUME	VOL	ACCESS RESTRICTED (By Acquisition)	
ADJOINING LANDS WITH SAME OWNER		NO ACCESS (By Statutory Authority)	
PARALLEL TO LINE	OO'	LIMITED EASEMENT (Temporary or Permanent)	
BUILDING TO BE RAZED		STORM SEWER	SS
FEE ACQUISITION	VARIOUS HATCHING	SANITARY SEWER	SAN
EXISTING RIGHT OF WAY	EX R/W	BURIED GAS LINE	G
BURIED CABLE	C-OH	CABLE OVERHEAD	OH
WATER MAIN	W		
BURIED ELECTRIC	E		

MAG NAIL SEC35
Y=191003.160
X=121753.030

MAG NAIL QTR48
Y=188375.720
X=121751.370

SAWED "X" IN ROCK CTRS47
Y=188377.080
X=119081.640

MAG NAIL QTR60
Y=185732.160
X=119075.630

1" IRON PIPE SEC61
Y=185747.730
X=121737.

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 76°09'21" E	1056.09'	11459.16'	1056.47'

PI C1 Y 188580.202 X 119711.378

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
22	ROBERT J. & TINA M. ERNST	FEE & ACCESS RIGHTS	0.822	-	0.822	
23	JOYCE WESSEL	FEE & ACCESS RIGHTS	0.704	-	0.704	0.060
24	CALVIN & DONNA KRAEMER	FEE & ACCESS RIGHTS	0.665	-	0.665	
25	WALTER J. & ORLENE M. PHIPPS & PHILIP L. PHIPPS	FEE	0.807	-	0.807	
26	STATE HISTORICAL SOCIETY OF WISCONSIN	FEE	1.387	-	1.387	

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.08, VOL. 1 TPP PG. 28, DOCUMENT NO. 1900604.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, INCLUDING THE RIGHT TO OPERATE THE NECESSARY EQUIPMENT, THE RIGHT OF INGRESS AND EGRESS AS REQUIRED AND THE RIGHT TO PRESERVE,PROTECT, REMOVE, OR PLANT ANY VEGETATION. ALL TLES ON THIS PLAT EXPIRE AT THE COMPLETION OF THE PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

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

GREGORY T. BELANGER (PRINTED NAME) — Gregory T. Belanger (SIGNATURE) — 2/14/2011 (DATE)

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

NORMAN PAWELCZYK (PRINTED NAME) — Norman V. Pawelczyk (SIGNATURE) — 2/14/2011 (DATE)

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR48	117	N 89°58'15" W	786.53'
117	D32	S 16°29'09" W	160.00'
D32	D33	N 73°30'53" W	727.39'
D33	143	S 16°29'08" W	150.00'
143	142	N 80°11'18" W	322.09'
142	141	N 74°13'50" W	394.03'
141	140	N 79°06'42" W	394.99'
140	139	N 72°37'59" W	251.45'
139	112	N 37°36'58" E	337.20'
112	113	S 87°17'52" E	305.69'
113	114	S 72°11'52" E	407.78'
114	115	S 77°01'57" E	202.95'
115	116	S 73°48'21" E	899.15'
116	117	S 70°36'58" E	158.20'

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
CTRS47	D34	N 22°34'22" W	386.90'
D34	PC C1	S 78°47'50" E	264.76'
PC C1	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	D35	S 73°30'53" E	1573.24'
D35	QTR48	N 03°35'00" E	392.72'

STATION AND OFFSET TABLE

D34	941+00.00	0.00'
140	943+00.00	177.00'
113	945+00.00	198.00'
141	947+00.00	170.00'
114	949+00.00	163.00'
T29	949+80.00	180.00'
T28	949+80.00	164.57'
T31	950+35.00	165.99'
T30	950+35.00	182.00'
T32	950+95.00	205.00'
115	951+00.00	168.00'
142	951+00.00	183.00'
T33	951+32.00	210.00'
T34	951+47.00	167.00'
143	954+30.61	150.00'
116	960+00.00	168.00'
117	961+58.00	160.00'
D35	970+00.00	0.00'

GRAPHIC SCALE, FEET
0 100 200

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.10

THAT PART OF TRACT 1, VOL 3 OF CERTIFIED SURVEY MAPS, PG 284 AND THE NE¼ OF THE SW¼ AND THE SE¼ OF THE SW¼, SECTION 11, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 2:11 PM ON 3-22-2011 AS DOCUMENT # 1921702 AND FILED IN Vol. 1 Page 57

SIGNATURE OF REGISTER OF DEEDS

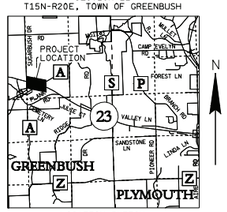
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.10
AMENDMENT NO:

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	○
ACRES	AC	SET P.K. NAIL	△
CHORD BEARING	CH BRG	PROPOSED R/W	000
CHORD DISTANCE	CH DIS	BOUNDARY POINT	
DEED	(D)	CORPORATE LIMITS	
DOCUMENT	DOC	EXISTING R/W	
EAST BOUND	EB	SECTION LINE	
GAS VALVE	GV	QUARTER LINE	
INLET	▭ IL	SIXTEENTH LINE	
MANHOLE	● MH	PROPOSED OR NEW R/W LINE	
MONUMENT	MON	PROPOSED EASEMENT LINE	
NORTH BOUND	NB	PARCEL NUMBER	(00)
PAGE	PG		
PERMANENT	PERM		
PERMANENT LIMITED EASEMENT	PLE		
PRIVATE DRIVEWAY	PD		
PROPERTY LINE	PL		
RADIUS	RAD		
REFERENCE LINE	℄		
REMAINING	REM		
RIGHT OF WAY	R/W		
SECTION	SEC		
SECTION LINE	℄		
FOUND 1" IRON PIPE OR AS LABELED	IP ●	FOUND 2" IRON PIPE	IP ◉
		STATION	STA
		TEMPORARY LIMITED EASEMENT	TLE
		TIE POINT	D1
		VOLUME	VOL
		ADJOINING LANDS WITH SAME OWNER	
		PARALLEL TO LINE	00'
		BUILDING TO BE RAZED	
		FEE ACQUISITION	VARIOUS (SEE TABULATION)
		EXISTING RIGHT OF WAY	EX R/W
		BURIED CABLE	C-OH
		WATER MAIN	W
		BURIED ELECTRIC	E
		UTILITY PARCEL NUMBER	000
		PROPERTY LINE	PL
		LOT, TIE AND OTHER MINOR DASHED LINES	
		ACCESS RESTRICTED (By Previous Project/Control)	
		ACCESS RESTRICTED (By Acquisition)	
		NO ACCESS (By Statutory Authority)	
		LIMITED EASEMENT (Temporary or Permanent)	
		STORM SEWER	SS
		SANITARY SEWER	SAN
		BURIED GAS LINE	G
		CABLE OVERHEAD	OH

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	ø
TELEPHONE POLE	●	ø
SIGN	⊧	⊧
TELEPHONE PEDESTAL	■	□
LIGHT POLE	✱	✱

SECTION 11
T15N-R20E, TOWN OF GREENBUSH



LOCATION SKETCH
(NOT TO SCALE)

MAG NAIL
QTR48

Y=188375.720
X=121751.370

ROCK W/
CHIS "X"
CTR549

Y=188383.300
X=124366.410

Y=185747.730
X=121737.140

1" IRON PIPE SEC61

Y=185747.600
X=124358.850

2" IRON PIPE QTR62

GRAPHIC SCALE, FEET
0 100 200

GN

NW-SW

NE-SW

SW-SW

SE-SW

SUGARBUSH RD

STH 23 R/W PL

CTH "A"

101 TELEPHONE CONVEYANCE OF RIGHTS VOL 1056 PG 306 DOC 1154841

103 ELECTRIC EASEMENT VOL M PG 287 DOC 231952

101 103 UTILITY EASEMENT DOC 1733341

TRACT 1
3CSM284
DOC 1009958

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR48	D36	S 05°18'37" W	398.59'
D36	D37	S 73°30'53" E	1317.24'
D37	167	S 34°12'50" E	397.13'
167	166	S 90°00'00" E	23.04'
166	165	N 61°29'07" E	42.43'
165	164	N 47°57'03" E	38.98'
164	D39	N 16°29'11" E	181.75'
D39	PC C1	S 73°30'53" E	136.97'
PC C1	D38	SEE CURVE TABLE	CURVE C1
D38	160	N 27°48'43" E	193.00'
160	159	N 67°48'28" W	505.93'
159	158	N 75°53'37" W	103.84'
158	157	N 52°19'54" W	107.16'
157	156	N 62°57'31" W	103.94'
156	155	N 75°30'00" W	152.62'
155	IP15	N 61°22'25" E	207.24'
IP15	IP14	N 66°50'00" E	105.14'
IP14	154	N 85°25'19" E	18.01'
154	153	N 62°23'07" E	102.71'
153	152	N 25°00'00" E	21.59'
152	151	N 14°27'28" E	107.03'
151	150	S 70°45'00" W	268.75'
150	149	S 87°24'51" W	189.53'
149	148	N 80°20'01" W	183.77'
148	147	S 75°48'11" W	174.42'
147	146	S 34°26'29" W	113.53'
146	145	N 81°16'48" W	111.02'
145	144	N 69°55'31" W	159.72'
144	D37	S 16°29'08" W	155.00'

D38 = PT C1

STATION AND OFFSET TABLE

D40	969+00.00	0.00'
144	983+40.59	155.00'
145	985+00.00	145.00'
146	986+10.00	160.00'
147	986+45.00	268.00'
167	986+47.90	251.54'
166	986+70.00	245.00'
165	987+00.00	215.00'
164	987+20.35	181.75'
148	987+95.00	357.00'
149	989+70.00	380.00'
155	990+52.67	179.56'
150	991+35.00	448.00'
IP15	991+86.09	332.93'
156	992+00.00	192.00'
IP14	992+56.78	406.35'
154	992+72.00	414.00'
157	993+00.00	180.00'
151	993+24.83	618.83'
153	993+35.00	491.00'
152	993+36.29	512.54'
158	994+00.00	150.00'
159	995+00.00	165.00'
D38	999+90.00	0.00'

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 67°51'05" E	1130.84'	5729.58'	1132.68'

PI C1 Y 187295.480 X 124052.631

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR48	D40	S 18°19'38" W	383.01'
D40	PC C1	S 73°30'53" E	1957.32'
PC C1	D38	SEE CURVE TABLE	CURVE C2
D38	CTR549	N 07°56'36" W	1366.03'

D38 = PT C1

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL
29	WALTER J. PHIPPS & ORLENE M. CARY	FEE	1.410	-	1.410
30	GREGORY & JUDITH L. WATERS	FEE & ACCESS RIGHTS	0.004	-	0.004
31	RICHARD & SUSAN WEHMEYER	FEE	1.801	-	1.801
68	LAUREN ANN POCINE & TERRY T. HOUSE	FEE	0.010	-	0.010

SCHEDULE OF SIGNS

SIGN NUMBER	SIGN OWNER
31-1	NEW HOPE UNITED METHODIST
31-2	WEST BEND HO CAMPGROUND RESORT

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.09, VOL. 1 TPP PG. 29, DOCUMENT NO. 1900605.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

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

GREGORY T. BELANGER (PRINTED NAME) — Gregory T. Belanger (SIGNATURE) — 3/17/2011 (DATE)

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

NORMAN PAWELCZYK (PRINTED NAME) — Norman V. Pawelczyk (SIGNATURE) — 3/17/2011 (DATE)

FILE NAME : F:\d3_144013\040110_rw.dgn
APPRAISAL PLAT DATE :

PLOT DATE : 15-MAR-2011 08:59 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 100.000000:1.000000

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.11

THAT PART OF TRACT 2, VOL 6 OF CERTIFIED SURVEY MAPS, PG 319 AND THE SE¼ OF THE SE¼, NW¼ OF THE SE¼ AND SW¼ OF THE SE¼, SECTION 11, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:31AM ON 2-17-2011 AS DOCUMENT # 1920084 AND FILED IN Vol. 1 Page 47

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.11
AMENDMENT NO:

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL
32	MAPLE GROVES ACRES, LLC	FEE & ACCESS RIGHTS	2.554	-	2.554
34	CRAMER OUTDOOR ADVERTISING, INC.	FEE & ACCESS RIGHTS	0.796	-	0.796
35	COUNTY OF SHEBOYGAN, A MUNICIPAL CORPORATION	FEE	1.482	-	1.482
39	ALFRED, JR. & DORIS BRUGGINK	ACCESS RIGHTS			

SCHEDULE OF SIGNS

SIGN NUMBER	SIGN OWNER
34-1	LAMAR ADVERTISING-MILWAUKEE

SECTION 11
T15N-R20E, TOWN OF GREENBUSH



LOCATION SKETCH
(NOT TO SCALE)

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-¼" OUTSIDE DIA.X18" IRON PIPE 1.13 LBS./FT)	
ACRES	AC	SET P.K. NAIL	
CHORD BEARING	CH BRG	PROPOSED R/W	000
CHORD DISTANCE	CH DIS	BOUNDARY POINT	
DEED	(D)	CORPORATE LIMITS	
DOCUMENT	DOC	EXISTING R/W	
EAST BOUND	EB	SECTION LINE	
GAS VALVE	GV	QUARTER LINE	
INLET	IN	SIXTEENTH LINE	
MANHOLE	MH	PROPOSED OR NEW R/W LINE	
MONUMENT	MON	PROPOSED EASEMENT LINE	
NORTH BOUND	NB	PARCEL NUMBER	00
PAGE	PG		
PERMANENT	PERM		
PERMANENT LIMITED EASEMENT	PLE		
PRIVATE DRIVEWAY	PD		
PROPERTY LINE	PL		
RADIUS	RAD		
REFERENCE LINE	℄		
REMAINING	REM		
RIGHT OF WAY	R/W		
SECTION	SEC		
SECTION LINE	℄		
FOUND 1" IRON PIPE OR AS LABELED	IP●		

FOUND 2" IRON PIPE	IP⊗	UTILITY PARCEL NUMBER	000
STATION	STA	PROPERTY LINE	PL
TEMPORARY LIMITED EASEMENT	TLE	LOT, TIE AND OTHER MINOR DASHED LINES	
TIE POINT	DI	ACCESS RESTRICTED (By Previous Project Control)	
VOLUME	VOL	ACCESS RESTRICTED (By Acquisition)	
ADJOINING LANDS WITH SAME OWNER		NO ACCESS (By Statutory Authority)	
PARALLEL TO LINE	00'	LIMITED EASEMENT (Temporary or Permanent)	
BUILDING TO BE RAZED		STORM SEWER	SS
FEE ACQUISITION	VARIOUS HATCHING	SANITARY SEWER	SAN
EXISTING RIGHT OF WAY	EX R/W	BURIED GAS LINE	G
BURIED CABLE	C-OH	CABLE OVERHEAD	OH
WATER MAIN	W		
BURIED ELECTRIC	E		

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	○
TELEPHONE POLE	◆	◇
SIGN	▶	▷
TELEPHONE PEDESTAL	■	□
LIGHT POLE	✱	✲

ROCK W/ CHIS "X" CTRS49
Y=188383.300
X=124366.410

2" IRON PIPE OTR50
Y=188391.590
X=126992.220

"T" BAR SEC63
Y=185740.650
X=126951.760

Y=185747.600
X=124358.850

GN

0 100 200
GRAPHIC SCALE, FEET

STATION AND OFFSET TABLE

D41	995+00.00	0.00'
160	999+90.00	193.00'
161	1000+85.00	169.00'
162	1002+15.00	212.00'
163	1002+71.33	200.49'
IP16	1006+55.19	445.20'
168	1008+36.04	175.00'
169	1011+00.00	150.00'
170	1014+00.00	151.00'
171	1016+00.00	145.00'
172	1017+00.00	182.00'
173	1019+00.00	128.00'
174	1021+00.00	169.00'
175	1022+00.00	179.00'
176	1024+00.00	181.00'
177	1025+00.00	133.00'
178	1025+56.83	133.00'
179	1026+70.00	209.17'
180	1026+95.00	235.00'
D42	1027+17.30	0.00'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
SEC63	180	N 70°58'09" W	23.09'
180	179	S 78°09'26" W	35.95'
179	178	N 89°50'47" W	136.42'
178	177	N 55°54'17" W	56.83'
177	176	N 30°15'49" W	110.92'
176	175	N 56°28'39" W	200.01'
175	174	N 61°36'55" W	100.50'
174	173	N 67°29'23" W	204.16'
173	172	N 40°47'42" W	207.16'
172	171	N 76°12'33" W	106.63'
171	170	N 54°11'11" W	200.09'
170	169	N 56°05'44" W	300.00'
169	168	N 50°29'39" W	265.14'
168	IP16	N 00°18'00" E	325.14'
IP16	163	S 89°59'06" W	455.75'
163	162	N 48°30'00" W	59.48'
162	161	N 78°20'18" W	141.03'
161	160	N 47°57'09" W	100.90'
160	159	N 67°46'28" W	505.93'
159	D41	S 22°54'43" W	165.00'
D41	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	D42	S 55°54'17" E	2080.53'
D42	SEC63	N 34°05'44" E	241.00'

D41 = PC C1

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
CTRS49	D41	S 12°51'16" W	1170.95'
D41	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	D42	S 55°54'17" E	2080.53'
D42	SEC63	N 34°05'44" E	241.00'

D41 = PC C1

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 61°29'47" E	1116.56'	5729.58'	1118.33'

PI C1 Y 187021.812 X 124629.239

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
105	WEST SHORE PIPELINE COMPANY	RELEASE OF RIGHTS

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.10, VOL. 1 TPP PG. 30, DOCUMENT NO. 1900606.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
2/14/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman V. Pawelczyk — SIGNATURE
2/14/2011 — DATE

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

FILE NAME : F:\d3_144013\040111_rw.dgn
APPRAISAL PLAT DATE :
PLOT DATE : 10-FEB-2011 11:15 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 100.000000:1.000000

4.

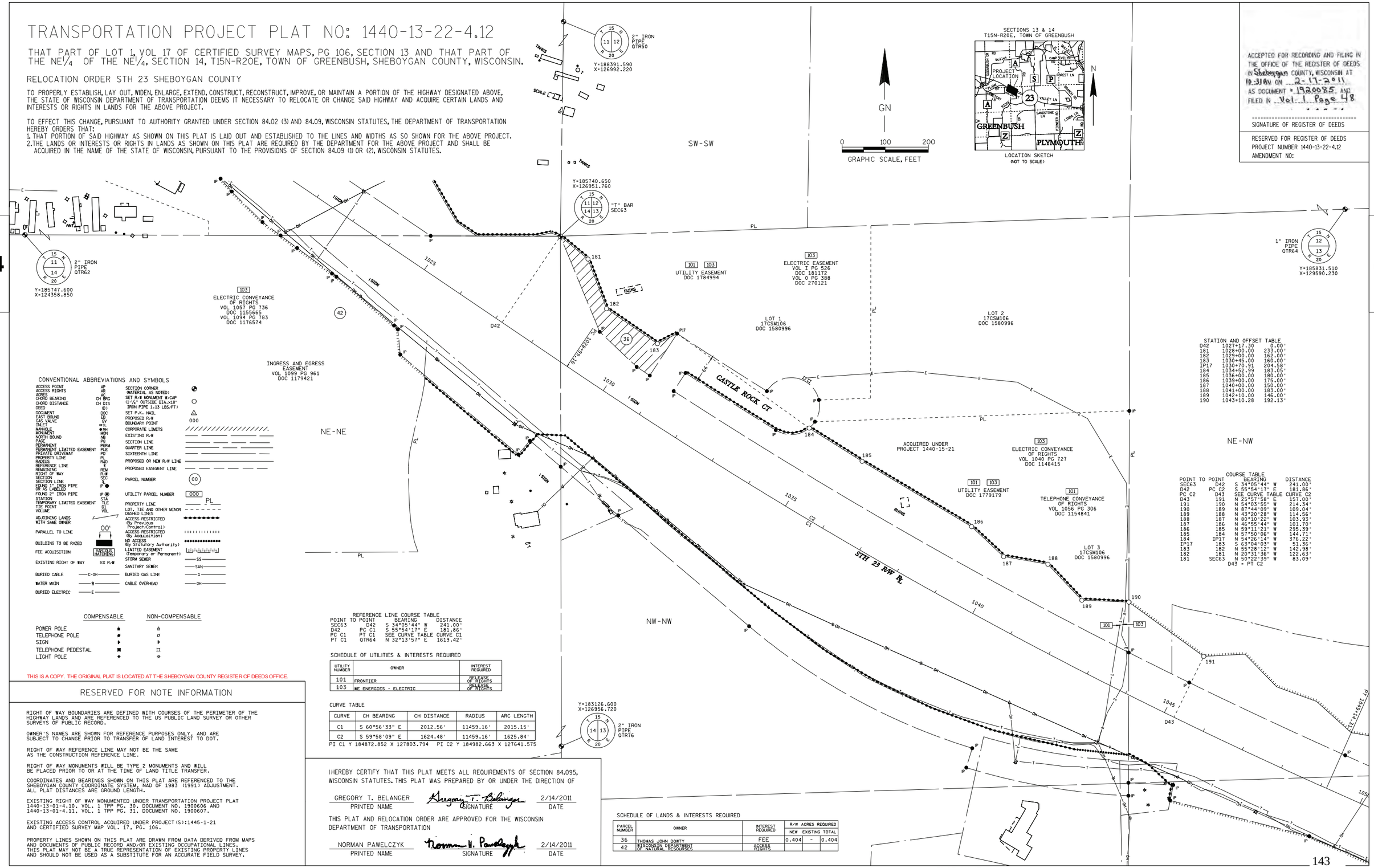
TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.12

THAT PART OF LOT 1, VOL 17 OF CERTIFIED SURVEY MAPS, PG 106, SECTION 13 AND THAT PART OF THE NE¼ OF THE NE¼, SECTION 14, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.



ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:31AM ON 2-17-2011 AS DOCUMENT # 1920085 AND FILED IN Vol-1 Page 48

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.12
AMENDMENT NO:

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	○
ACRES	AC	SET P.K. NAIL	△
CHORD BEARING	CH BRG	PROPOSED R/W	000
CHORD DISTANCE	CH DIS	BOUNDARY POINT	
DEED	(D)	CORPORATE LIMITS	
DOCUMENT	DOC	EXISTING R/W	
EAST BOUND	EB	SECTION LINE	
GAS VALVE	GV	QUARTER LINE	
INLET		SIXTEENTH LINE	
MANHOLE	MH	PROPOSED OR NEW R/W LINE	
MONUMENT	MON	PROPOSED EASEMENT LINE	
NORTH BOUND	NB	PARCEL NUMBER	(00)
PAGE	PG	UTILITY PARCEL NUMBER	000
PERMANENT	PERM	PROPERTY LINE	PL
PERMANENT LIMITED EASEMENT	PLE	LOT, TIE AND OTHER MINOR DASHED LINES	
PRIVATE DRIVEWAY	PD	ACCESS RESTRICTED (By Previous Project/Control)	
PROPERTY LINE	PL	ACCESS RESTRICTED (By Acquisition)	
RADIUS	RAD	NO ACCESS (By Statutory Authority)	
REFERENCE LINE	℄	LIMITED EASEMENT (Temporary or Permanent)	
REMAINING	REM	STORM SEWER	SS
RIGHT OF WAY	R/W	SANITARY SEWER	SAN
SECTION	SEC	BURIED GAS LINE	G
SECTION LINE	℄	CABLE OVERHEAD	OH
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	DT		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS (WATCHING)		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	○
TELEPHONE POLE	■	□
SIGN	▶	▷
TELEVISION PEDESTAL	■	□
LIGHT POLE	✱	✱

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.10, VOL. 1 TPP PG. 30, DOCUMENT NO. 1900606 AND 1440-13-01-4.11, VOL. 1 TPP PG. 31, DOCUMENT NO. 1900607.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21 AND CERTIFIED SURVEY MAP VOL. 17, PG. 106.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
SEC63	D42	S 34°05'44" W	241.00'
D42	PC C1	S 55°54'17" E	181.86'
PC C1	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	QTR64	N 32°13'57" E	1619.42'

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 60°56'33" E	2012.56'	11459.16'	2015.15'
C2	S 59°58'09" E	1624.48'	11459.16'	1625.84'

PI C1 Y 184872.852 X 127803.794 PI C2 Y 184982.663 X 127641.575

STATION AND OFFSET TABLE

D42	1027+17.30	0.00'
181	1028+00.00	233.00'
182	1029+00.00	162.00'
183	1030+45.00	160.00'
IP17	1030+70.91	204.58'
184	1034+52.99	183.05'
185	1036+00.00	180.00'
186	1039+00.00	175.00'
187	1040+00.00	150.00'
188	1041+00.00	183.00'
189	1042+10.00	146.00'
190	1043+10.28	192.13'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
SEC63	D42	S 34°05'44" W	241.00'
D42	PC C2	S 55°54'17" E	181.86'
PC C2	D43	SEE CURVE TABLE	CURVE C2
D43	191	N 25°57'58" E	157.00'
191	190	N 54°03'55" W	214.34'
190	189	N 87°44'09" W	109.04'
189	188	N 43°20'28" W	114.56'
188	187	N 80°10'22" W	103.93'
187	186	N 46°55'44" W	101.70'
186	185	N 59°11'21" W	295.39'
185	184	N 57°50'06" W	144.71'
184	IP17	N 54°26'14" W	376.22'
IP17	183	S 63°04'03" W	51.36'
183	182	N 55°28'12" W	142.98'
182	181	N 20°31'36" W	122.63'
181	SEC63	N 50°22'39" W	83.09'

D43 = PT C2

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

GREGORY T. BELANGER (PRINTED NAME) — Gregory T. Belanger (SIGNATURE) — 2/14/2011 (DATE)

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

NORMAN PAWELCZYK (PRINTED NAME) — Norman W. Pawelczyk (SIGNATURE) — 2/14/2011 (DATE)

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL
36	THOMAS JOHN DONTY	FEE	0.404	-	0.404
42	WISCONSIN DEPARTMENT OF NATURAL RESOURCES	ACCESS RIGHTS			

FILE NAME : F:\d3_144013\040112_rw.dgn
APPRAISAL PLAT DATE :
PLOT DATE : 10-FEB-2011 11:18 PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : 100.000000:1.000000

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.13

THAT PART OF THE NE 1/4 OF THE NW 1/4 AND THE SE 1/4 OF THE NW 1/4 , SECTION 13, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

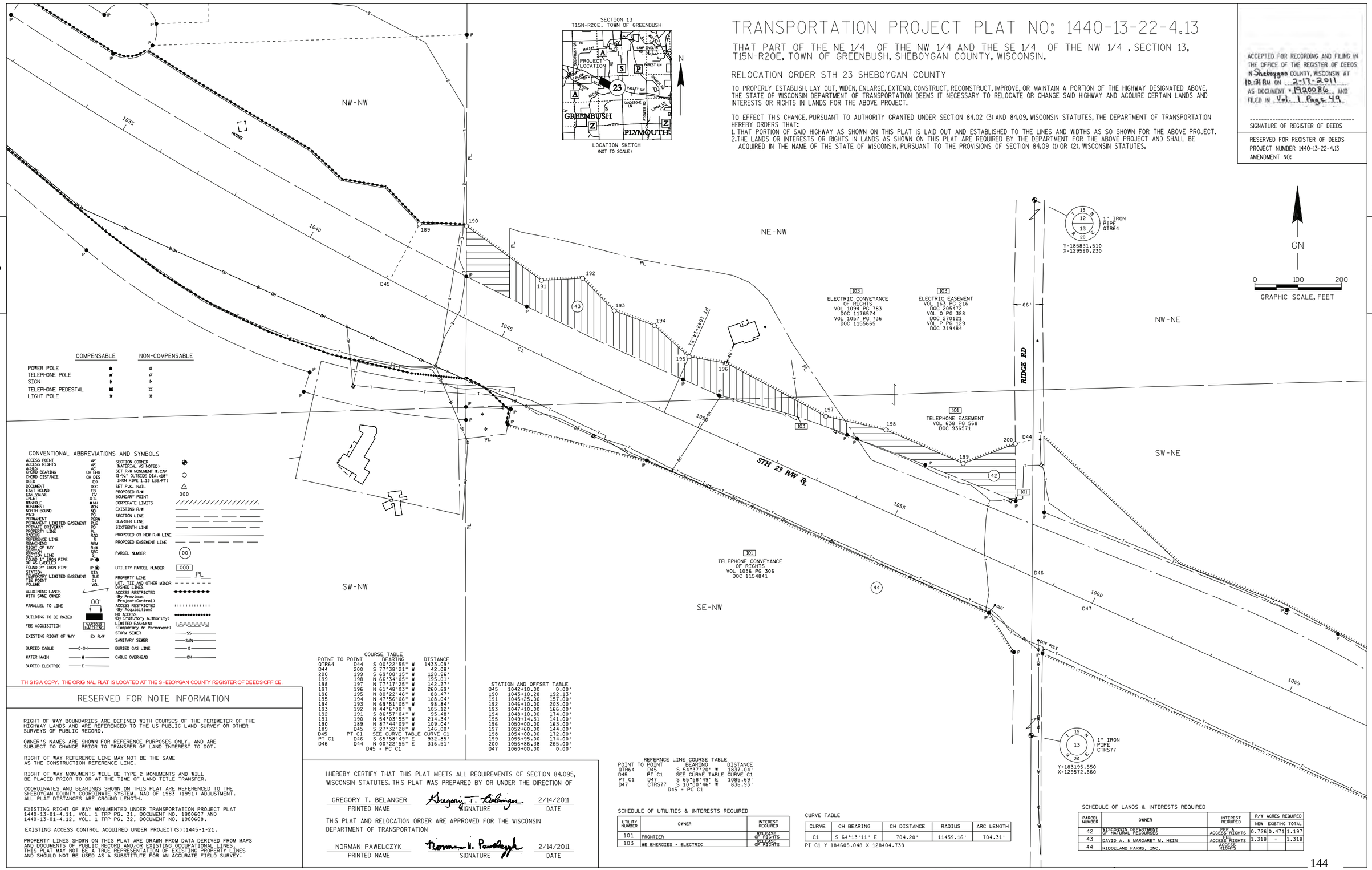
ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:31 AM ON 2-17-2011 AS DOCUMENT # 1920086 AND FILED IN Vol. 1 Page 49.

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.13
AMENDMENT NO:

SECTION 13
T15N-R20E, TOWN OF GREENBUSH

LOCATION SKETCH
(NOT TO SCALE)



	COMPENSABLE	NON-COMPENSABLE
POWER POLE	♠	♧
TELEPHONE POLE	♥	♡
SIGN	♦	♢
TELEPHONE PEDESTAL	■	□
LIGHT POLE	✱	✲

103
ELECTRIC CONVEYANCE OF RIGHTS
VOL 1094 PG 783
DOC 1176574
VOL 1057 PG 736
DOC 1155665

103
ELECTRIC EASEMENT
VOL 163 PG 216
DOC 205472
VOL O PG 388
DOC 270121
VOL P PG 129
DOC 319484

101
TELEPHONE EASEMENT
VOL 638 PG 568
DOC 936571

101
TELEPHONE CONVEYANCE OF RIGHTS
VOL 1056 PG 306
DOC 1154841

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	⊕
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-1/4" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	○
ACRES	AC	SET P.K. NAIL	△
CHORD BEARING	CH BRG	PROPOSED R/W	000
CHORD DISTANCE	CH DIS	BOUNDARY POINT	
DEED	(D)	CORPORATE LIMITS	
DOCUMENT	DOC	EXISTING R/W	
EAST BOUND	EB	SECTION LINE	
GAS VALVE	GV	QUARTER LINE	
INLET	⊡ I.	SIXTEENTH LINE	
MANHOLE	●MH	PROPOSED OR NEW R/W LINE	
MONUMENT	MON	PROPOSED EASEMENT LINE	
NORTH BOUND	NB	PARCEL NUMBER	(00)
PAGE	PG	UTILITY PARCEL NUMBER	000
PERMANENT	PERM	PROPERTY LINE	PL
PERMANENT LIMITED EASEMENT	PLE	LOT, TIE AND OTHER MINOR DASHED LINES	
PRIVATE DRIVEWAY	PD	ACCESS RESTRICTED (By Previous Project/Control)	
PROPERTY LINE	PL	ACCESS RESTRICTED (By Acquisition)	
RADIUS	RAD	NO ACCESS (By Statutory Authority)	
REFERENCE LINE	℄	LIMITED EASEMENT (Temporary or Permanent)	
REMAINING	REM	STORM SEWER	SS
RIGHT OF WAY	R/W	SANITARY SEWER	SAN
SECTION	SEC	BURIED GAS LINE	G
SECTION LINE	SEC.	CABLE OVERHEAD	OH
FOUND 1" IRON PIPE OR AS CAPPED	IP ●		
FOUND 2" IRON PIPE	IP ◉		
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	OI		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.11, VOL. 1 TPP PG. 31, DOCUMENT NO. 1900607 AND 1440-13-01-4.12, VOL. 1 TPP PG. 32, DOCUMENT NO. 1900608.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR64	D44	S 00°22'55" W	1433.09'
D44	200	S 77°38'21" W	42.08'
200	199	S 69°08'15" W	128.96'
199	198	N 66°34'05" W	195.01'
198	197	N 77°17'25" W	142.77'
197	196	N 61°48'03" W	260.69'
196	195	N 80°22'46" W	88.47'
195	194	N 47°56'06" W	108.04'
194	193	N 69°51'05" W	98.84'
193	192	N 44°6'00" W	105.12'
192	191	S 86°57'04" W	95.48'
191	190	N 54°03'55" W	214.34'
190	189	N 87°44'09" W	109.04'
189	D45	S 27°32'28" W	146.00'
D45	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	D46	S 65°58'49" E	932.85'
D46	D44	N 00°22'55" E	316.51'

D45 = PC C1

STATION AND OFFSET TABLE

D45	1042+10.00	0.00'
190	1043+10.28	192.13'
191	1045+25.00	157.00'
192	1046+10.00	203.00'
193	1047+10.00	166.00'
194	1048+10.00	174.00'
195	1049+14.31	141.00'
196	1050+00.00	163.00'
197	1052+60.00	144.00'
198	1054+00.00	172.00'
199	1055+95.00	174.00'
200	1056+86.38	265.00'
D47	1060+00.00	0.00'

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
2/14/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman T. Pawelczyk — SIGNATURE
2/14/2011 — DATE

REFERNCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR64	D45	S 54°37'20" W	1837.04'
D45	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	D47	S 65°58'49" E	1085.69'
D47	CTRS77	S 10°00'46" W	836.93'

D45 = PC C1

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 64°13'11" E	704.20'	11459.16'	704.31'

PI C1 Y 184605.048 X 128404.738

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL
42	WISCONSIN DEPARTMENT OF NATURAL RECOURSES	FEE & ACCESS RIGHTS	0.726	0.471	1.197
43	DAVID A. & MARGARET M. HEIN	FEE ACCESS RIGHTS	1.318	-	1.318
44	RIDGELAND FARMS, INC.	ACCESS RIGHTS			

FILE NAME : F:\d3_144013\040113_rw.dgn
APPRAISAL PLAT DATE :
PLOT DATE : 10-FEB-2011 11:19 PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : 100.000000:1.000000

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.14

THAT PART OF THE NE¼ OF THE SE¼, SW¼ OF THE NE¼ AND SE¼ OF THE NE¼, SECTION 13, T15N-R20E, TOWN OF GREENBUSH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:31 AM ON 2-17-2011 AS DOCUMENT # 1920087 AND FILED IN Vol. 1 Page 50

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.14
AMENDMENT NO:

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
106	PLYMOUTH UTILITIES	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL
42	WISCONSIN DEPARTMENT OF NATURAL RECOURSES	FEE & ACCESS RIGHTS	1.480	0.203	1.683
44	RIDGELAND FARMS, INC.	FEE & ACCESS RIGHTS	1.415	1.335	2.750

1" IRON PIPE OTR64
Y=185831.510
X=129590.230

1" IRON PIPE CTRS77
Y=183195.550
X=129572.660

PK NAIL SEC65
Y=185909.580
X=132228.800

Y=183264.420
X=132205.840
CONC MON W/ BRASS CAP OTR78

Y=180620.840
X=132183.170
PK NAIL SEC91

101
TELEPHONE EASEMENT
VOL 638 PG 568
DOC 936571
VOL 1083 PG 571
DOC 1170513

101
TELEPHONE CONVEYANCE OF RIGHTS
VOL 1056 PG 306
DOC 1154841

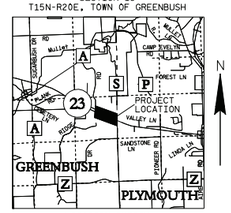
106
ELECTRIC EASEMENT
VOL 163 PG 287
DOC 206548
VOL 0 PG 382
DOC 270101

106
ELECTRIC CONVEYANCE OF RIGHTS
VOL 1094 PG 783
DOC 1176574
VOL 1057 PG 736
DOC 1155665

106
ELECTRIC EASEMENT
VOL 163 PG 224
DOC 205543
VOL 0 PG 247
DOC 261794

SW-NE
SE-NE
NW-SE
NE-SE

SECTION 13
T15N-R20E, TOWN OF GREENBUSH



LOCATION SKETCH
(NOT TO SCALE)

GN
0 100 200
GRAPHIC SCALE, FEET

RIDGE RD
STH 23 R/W
CTH "S"
PL
SIGN
CANOPY
GUY
GUY POLE
D44 D45 D46 D47 D48 D49 D50
201 202 203 204 205 206 207 208 209 210 211 212
1060 1065 1070 1075 1080 1085

COMPENSABLE / NON-COMPENSABLE

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	⊕
TELEPHONE POLE	■	◘
SIGN	▶	▷
TELEPHONE PEDESTAL	■	◘
LIGHT POLE	✱	✲

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	⊕
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	○
ACRES	AC		
CHORD BEARING	CH BRG		
CHORD DISTANCE	CH DIS		
DEED	(D)	SET P.K. NAIL	△
DOCUMENT	DOC	PROPOSED R/W	000
EAST BOUND	EB	BOUNDARY POINT	
GAS VALVE	GV	CORPORATE LIMITS	////////////////////.
INLET	IL	EXISTING R/W	
MANHOLE	MH	SECTION LINE	
MONUMENT	MON	QUARTER LINE	
NORTH BOUND	NB	SIXTEENTH LINE	
PAGE	PG	PROPOSED OR NEW R/W LINE	
PERMANENT	PERM	PROPOSED EASEMENT LINE	
PERMANENT LIMITED EASEMENT	PLE	PARCEL NUMBER	(00)
PRIVATE DRIVEWAY	PD	UTILITY PARCEL NUMBER	000
PROPERTY LINE	PL	PROPERTY LINE	PL
RADIUS	RAD	LOT, TIE AND OTHER MINOR DASHED LINES	
REFERENCE LINE	℄	ACCESS RESTRICTED (By Previous Project/Control)	
REMAINING	REM	ACCESS RESTRICTED (By Acquisition)	
RIGHT OF WAY	R/W	NO ACCESS (By Statutory Authority)	
SECTION	SEC	LIMITED EASEMENT (Temporary or Permanent)	VARIOUS WIDTHS
SECTION LINE	S	STORM SEWER	SS
FOUND 1" IRON PIPE OR AS LABELED	IP	SANITARY SEWER	SAN
FOUND 2" IRON PIPE	IP	BURIED GAS LINE	G
STATION	STA	CABLE OVERHEAD	OH
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	TP		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00°		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS WIDTHS		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
OTR78	IP18	S 88°30'08" W	58.46'
IP18	212	S 24°00'11" W	117.51'
212	211	S 72°21'36" W	36.11'
211	210	N 61°58'34" W	200.49'
210	209	N 73°57'00" W	201.95'
209	208	N 60°16'11" W	100.50'
208	207	N 66°26'20" W	500.02'
207	206	N 58°00'39" W	201.95'
206	205	N 64°32'54" W	200.06'
205	204	N 68°46'35" W	430.51'
204	203	N 61°44'38" W	270.74'
203	202	N 69°24'51" W	250.45'
202	201	N 47°05'55" W	432.61'
201	D44	S 77°38'21" W	25.36'
D44	D46	S 00°22'55" W	316.51'
D46	D48	S 65°58'49" E	2873.04'
D48	OTR78	N 00°29'29" E	351.96'

STATION AND OFFSET TABLE

D49	1057+00.00	0.00'
201	1057+40.67	305.00'
202	1061+50.00	165.00'
203	1064+00.00	180.00'
204	1066+70.00	160.00'
205	1071+00.00	181.00'
206	1073+00.00	176.00'
207	1075+00.00	148.00'
208	1080+00.00	152.00'
209	1081+00.00	142.00'
210	1083+00.00	170.00'
211	1085+00.00	156.00'
IP18	1085+26.94	297.51'
212	1085+26.98	180.00'
D50	1089+00.00	0.00'

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
OTR64	D49	S 04°56'28" W	1695.97'
D49	D50	S 65°58'49" E	3200.00'
D50	OTR78	N 20°46'02" W	454.67'

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.12, VOL. 1 TPP PG. 32, DOCUMENT NO. 1900608.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

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

GREGORY T. BELANGER (PRINTED NAME) — Gregory T. Belanger (SIGNATURE) — 2/14/2011 (DATE)

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

NORMAN PAWELCZYK (PRINTED NAME) — Norman W. Pawelczyk (SIGNATURE) — 2/14/2011 (DATE)

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.15 AMENDMENT NO 1

AMENDS PARCELS 51 AND 53 OF TRANSPORTATION PROJECT PLAT 1440-13-22-4.15 RECORDED AS DOCUMENT NO 1920088 AND FILED IN VOL 1, PAGE 51.

THAT PART OF LOT 1, VOL 9 OF CERTIFIED SURVEY MAPS, PG 240, LOTS 1 AND 2, VOL 9 OF CERTIFIED SURVEY MAPS, PG 300 AND LOT 1, VOL 13 OF CERTIFIED SURVEY MAPS, PG 262 AND THE FRACTIONAL NW¼ OF THE SW¼, NE¼ OF THE SW¼ AND SE¼ OF THE SW¼, SECTION 18, T15N-R21E, TOWN OF PLYMOUTH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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.

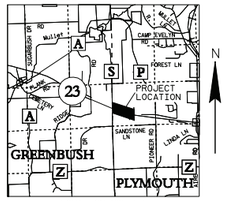
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
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.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN SHEBOYGAN COUNTY, WISCONSIN AT 10:07 AM ON 5/11/2011 AS DOCUMENT # 1924080 AND FILED IN Vol 1 TPP 8, 62

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.15
AMENDMENT NO: 1

SECTION 18
T15N-R21E, TOWN OF PLYMOUTH



LOCATION SKETCH
(NOT TO SCALE)

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL
49	ROBERT R. & JUDITH M. KOLVENBACH	FEE & ACCESS RIGHTS	0.646	0.159	0.805
50	KARLOY J. & CAROL A. GALSTAD	FEE & ACCESS RIGHTS	0.433	-	0.433
51	RANDALL E. & BARBARA A WEGNER	FEE & ACCESS RIGHTS	0.608	-	0.608
52	ARNO H. DIPPEL	ACCESS RIGHTS			
53	THE TRUSTEE OF THE LUCILLE M. JENS REVOCABLE TRUST OF 1997	FEE	2.708	-	2.708
54	JOHN & LORI JENS	ACCESS RIGHTS			
55	ROGER L. & THERESE BOECKMANN	ACCESS RIGHTS			
73	JOHN W. DAVIES, III AND SHARON K. DAVIES, OR THEIR SUCCESSORS, AS TRUSTEES OF THE JOHN W. AND SHARON K. DAVIES TRUST	ACCESS RIGHTS			
74	JEROME J. & MARY J. MCMULLEN	ACCESS RIGHTS			

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR78	D54	S 37°53'32" W	332.39'
D54	PC C1	S 65°58'49" E	1329.41'
PC C1	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	D55	S 81°07'27" E	355.70'
D55	CTRS1067	N 05°28'06" W	1334.74'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR78	D51	S 00°29'29" W	167.49'
D51	D48	S 00°29'29" W	184.47'
D48	PC C1	S 65°58'49" E	1109.21'
PC C1	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	D52	S 81°07'27" E	218.96'
D52	D53	N 00°20'47" E	250.43'
D53	270	N 89°39'12" W	78.63'
270	269	N 82°46'32" W	104.12'
269	229	N 76°57'47" W	656.28'
229	228	N 61°37'18" W	98.71'
228	227	N 76°41'39" W	98.65'
227	226	N 81°53'42" W	68.05'
226	225	N 25°07'29" W	75.48'
225	224	S 73°32'06" W	98.34'
224	223	S 49°51'48" W	92.24'
223	222	N 60°39'22" W	95.20'
222	221	N 79°35'02" W	102.08'
221	220	N 42°16'53" W	106.86'
220	219	N 73°55'02" W	68.22'
219	218	N 78°00'03" W	158.45'
218	217	N 59°27'38" W	176.14'
217	216	N 78°55'59" W	102.61'
216	215	N 57°26'59" W	202.24'
215	214	N 69°41'58" W	200.42'
214	213	N 67°48'02" W	230.12'
213	IP19	N 43°41'59" W	75.68'
IP19	D51	N 89°30'31" W	58.25'

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 73°33'17" E	1510.48'	5729.58'	1514.89'

PI C1 Y 182150.846 X 133911.896

STATION AND OFFSET TABLE

D54	1085+00.00	0.00'
IP19	1086+99.97	192.38'
213	1087+70.00	163.69'
214	1090+00.00	171.00'
215	1092+00.00	184.00'
216	1094+00.00	154.00'
217	1095+00.00	177.00'
218	1096+75.00	157.00'
219	1098+30.00	190.00'
220	1099+00.00	199.00'
221	1100+00.00	154.00'
222	1101+03.02	174.15'
223	1102+00.00	160.00'
224	1102+46.75	240.46'
225	1103+30.35	298.11'
226	1103+85.24	243.69'
227	1104+55.31	255.51'
228	1105+58.38	262.29'
229	1106+59.32	241.51'
269	1113+44.30	233.00'
270	1114+48.36	236.00'
D55	1117+00.00	0.00'

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

GREGORY T. BELANGER — PRINTED NAME — Gregory T. Belanger — SIGNATURE — 5/09/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME — Norman V. Pawelczyk — SIGNATURE — 5/09/2011 — DATE

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.13, VOL. 1 TPP PG. 33, DOCUMENT NO. 1900609.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR		
ACRES	AC	SET R/W MONUMENT W/CAP (1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	
CHORD BEARING	CH BRG		
CHORD DISTANCE	CH DIS		
DEED	(D)	SET P.K. NAIL	
DOCUMENT	DOC	PROPOSED R/W	
EAST BOUND	EB	BOUNDARY POINT	
GAS VALVE	GV	CORPORATE LIMITS	
INLET	INL	EXISTING R/W	
MANHOLE	MH	SECTION LINE	
MONUMENT	MON	QUARTER LINE	
NORTH BOUND	NB	SIXTEENTH LINE	
PAGE	PG	PROPOSED OR NEW R/W LINE	
PERMANENT	PERM	PROPOSED EASEMENT LINE	
PERMANENT LIMITED EASEMENT	PLE	PARCEL NUMBER	00
PRIVATE DRIVEWAY	PD	UTILITY PARCEL NUMBER	000
PROPERTY LINE	PL	PROPERTY LINE	PL
RADIUS	RAD	LOT, TIE AND OTHER MINOR DASHED LINES	
REFERENCE LINE	℄	ACCESS RESTRICTED (By Previous Project/Control)	
REMAINING	REM	ACCESS RESTRICTED (By Acquisition)	
RIGHT OF WAY	R/W	NO ACCESS (By Statutory Authority)	
SECTION	SEC	LIMITED EASEMENT (Temporary or Permanent)	
SECTION LINE		STORM SEWER	SS
FOUND 1" IRON PIPE OR AS LABELED	IP	SANITARY SEWER	SAN
FOUND 2" IRON PIPE	IP ◉	BURIED GAS LINE	G
STATION	STA	CABLE OVERHEAD	OH
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	DI		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

Y=183264.420
X=132205.840
CONC MON W/ BRASS CAP QTR78

Y=180620.840
X=132183.170
PK NAIL SEC91

2" IRON PIPE CTRS1067
Y=183307.140
X=134888.920

2" IRON PIPE QTR80
Y=180685.370
X=134873.070

106 ELECTRIC EASEMENT VOL 163 PG 208 DOC 205373 VOL 1079 PG 17 DOC 1167741

106 UTILITY EASEMENT VOL 1187 PG 499 DOC 1228285

106 UTILITY EASEMENT VOL 1187 PG 496 DOC 1228284

INGRESS & EGRESS EASEMENT DOC 1679966

101 TELEPHONE EASEMENT VOL 1079 PG 16 DOC 1167740

101 TELEPHONE EASEMENT VOL 1083 PG 570 DOC 1170512

101 TELEPHONE EASEMENT VOL 1084 PG 745 DOC 1171175

101 TELEPHONE EASEMENT VOL 946 PG 287 DOC 1094368

106 ELECTRIC EASEMENT VOL I PG 543 DOC 181310

MANAGED FOREST LAND VOL 1477 PG 540 DOC 1465103

LOT 1 9CSM240 DOC 1216239

LOT 1 9CSM300 DOC 1222089

LOT 2 9CSM300 DOC 1222089

LOT 1 13CSM262 DOC 1469637

UNIMPROVED 49.5' WIDE ROAD BY DEED VOL 258, PG 258 TO TOWN OF PLYMOUTH

FRACT NW-SW

FRACT SW-SW

NE-SW

SE-SW

STH 23 RW ℄

CTH "S"

TWINKLE LN

COARY LN

GN

0 100 200
GRAPHIC SCALE, FEET

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.15

THAT PART OF LOT 1, VOL 9 OF CERTIFIED SURVEY MAPS, PG 240, LOTS 1 AND 2, VOL 9 OF CERTIFIED SURVEY MAPS, PG 300 AND LOT 1, VOL 13 OF CERTIFIED SURVEY MAPS, PG 262 AND THE FRACTIONAL NW¼ OF THE SW¼, NE¼ OF THE SW¼ AND SE¼ OF THE SW¼, SECTION 18, T15N-R21E, TOWN OF PLYMOUTH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

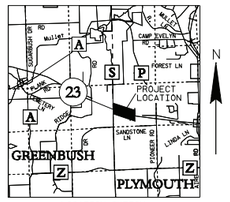
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE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

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:31AM ON 2-17-2011 AS DOCUMENT # 1920088 AND FILED IN Vol. 1 Page 51

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.15
AMENDMENT NO:

SECTION 18
T15N-R21E, TOWN OF PLYMOUTH



LOCATION SKETCH
(NOT TO SCALE)

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL
49	ROBERT R. & JUDITH M. KOLVENBACH	FEE & ACCESS RIGHTS	0.646	0.159	0.805
50	KARLOY J. & CAROL A. GALSTAD	FEE & ACCESS RIGHTS	0.433	-	0.433
51	RANDALL E. & BARBARA A WEGNER	FEE & ACCESS RIGHTS	0.603	-	0.603
52	ARNO H. DIPPEL	ACCESS RIGHTS			
53	THE TRUSTEE OF THE LUCILLE M. JENS REVOCABLE TRUST OF 1997	FEE	2.257	-	2.257
54	JOHN & LORI JENS	ACCESS RIGHTS			
55	ROGER L. & THERESE BOECKMANN	ACCESS RIGHTS			
73	JOHN R. DAVIES, JAE AND SHARON K. DAVIES, OR THEIR SUCCESSOR AS TRUSTEES OF THE JOHN R. AND SHARON K. DAVIES TRUST	ACCESS RIGHTS			
74	JEROME J. & MARY J. MCMULLEN	ACCESS RIGHTS			

COMPENSABLE / NON-COMPENSABLE

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	♠	♤
TELEPHONE POLE	■	□
SIGN	▶	▷
TELEPHONE PEDESTAL	▣	⊟
LIGHT POLE	✱	✲

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
106	PLYMOUTH UTILITIES	RELEASE OF RIGHTS

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR78	D54	S 37°53'32" W	332.39'
D54	PC C1	S 65°58'49" E	1329.41'
PC C1	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	D55	S 81°07'27" E	355.70'
D55	CTRS1067	N 05°28'06" W	1334.74'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR78	D51	S 00°29'29" W	167.49'
D51	D48	S 00°29'29" W	184.47'
D48	PC C1	S 65°58'49" E	1109.21'
PC C1	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	D52	S 81°07'27" E	218.96'
D52	D53	N 00°20'47" E	250.43'
D53	229	N 89°39'13" W	78.64'
229	228	N 82°46'31" W	104.12'
228	227	N 77°40'15" W	320.52'
227	226	N 76°40'58" W	383.21'
226	225	N 86°11'10" W	98.54'
225	224	N 63°48'27" W	102.03'
224	223	N 89°49'21" W	210.02'
223	222	N 63°18'28" W	97.63'
222	221	N 77°32'11" W	98.48'
221	220	N 42°16'53" W	106.86'
220	219	N 73°55'02" W	68.22'
219	218	N 78°00'03" W	158.45'
218	217	N 59°27'38" W	176.14'
217	216	N 78°55'59" W	102.61'
216	215	N 57°26'59" W	202.24'
215	214	N 69°41'58" W	200.42'
214	213	N 67°48'02" W	230.12'
213	IP19	N 43°41'59" W	75.68'
IP19	D51	N 89°30'31" W	58.25'

STATION OFFSET TABLE

D54	1085+00.00	0.00'
IP19	1086+99.97	192.38'
213	1087+70.00	163.69'
214	1090+00.00	171.00'
215	1092+00.00	184.00'
216	1094+00.00	154.00'
217	1095+00.00	177.00'
218	1096+75.00	157.00'
219	1098+30.00	190.00'
220	1099+00.00	199.00'
221	1100+00.00	154.00'
222	1101+00.00	170.00'
223	1102+00.00	160.00'
224	1104+05.00	230.00'
225	1105+10.00	215.00'
226	1106+10.00	237.00'
227	1110+10.00	243.00'
228	1113+44.30	233.00'
229	1114+48.36	236.00'
D55	1117+00.00	0.00'

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 73°33'17" E	1510.48'	5729.58'	1514.89'

PI C1 Y 182150.846 X 133911.896

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	◕
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	○
ACRES	AC.	SET P.K. NAIL	△
CHORD BEARING	CH BRG	PROPOSED R/W	000
CHORD DISTANCE	CH DIS	BOUNDARY POINT	
DEED	(D)	CORPORATE LIMITS	
DOCUMENT	DOC	EXISTING R/W	
EAST BOUND	EB	SECTION LINE	
GAS VALVE	GV	QUARTER LINE	
INLET	D=IN.	SIXTEENTH LINE	
MANHOLE	●MH	PROPOSED OR NEW R/W LINE	
MONUMENT	MON	PROPOSED EASEMENT LINE	
NORTH BOUND	NB	PARCEL NUMBER	(00)
PAVED	PVD	UTILITY PARCEL NUMBER	000
PERMANENT	PERM	PROPERTY LINE	PL
PERMANENT LIMITED EASEMENT	PLE	LOT, TIE AND OTHER MINOR DASHED LINES	
PRIVATE DRIVEWAY	PD	ACCESS RESTRICTED (By Previous Project-Control)	
PROPERTY LINE	PL	ACCESS RESTRICTED (By Acquisition)	
RADIUS	RAD	NO ACCESS (By Statutory Authority)	
REFERENCE LINE	℄	LIMITED EASEMENT (Temporary or Permanent)	
REMAINING	REM	STORM SEWER	SS
RIGHT OF WAY	R/W	SANITARY SEWER	SAN
SECTION	SEC	BURIED GAS LINE	G
SECTION LINE	S	CABLE OVERHEAD	OH
FOUND 1" IRON PIPE OR AS LABELED	IP ●		
FOUND 2" IRON PIPE	IP ◉		
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	DI		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.13, VOL. 1 TPP PG. 33, DOCUMENT NO. 1900609.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-21.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

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

GREGORY T. BELANGER (PRINTED NAME) — SIGNATURE — 2/14/2011 (DATE)

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

NORMAN PAWELCZYK (PRINTED NAME) — SIGNATURE — 2/14/2011 (DATE)

Y=183264.420
X=132205.840
CONC MON W/ BRASS CAP QTR78

Y=180620.840
X=132183.170
PK NAIL SEC91

2" IRON PIPE CTRS1067
Y=183307.140
X=134888.920

2" IRON PIPE QTR80
Y=180685.370
X=134873.070

GRAPHIC SCALE, FEET: 0 100 200

FILE NAME : F:\d3_144013\040115_rw.dgn
APPRAISAL PLAT DATE :

PLOT DATE : 11-FEB-2011 10:02 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 100.000000:1.000000

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.16
AMENDMENT NO 1

AMENDS PARCEL 58 OF TRANSPORTATION PROJECT PLAT 1440-13-22-4.16
RECORDED AS DOCUMENT NO 1920089 AND FILED IN VOL 1, PG 52.

THAT PART OF THE NW¼ OF THE SE¼ AND THE SE¼ OF THE SE¼, SECTION 18,
T15N-R21E, TOWN OF PLYMOUTH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

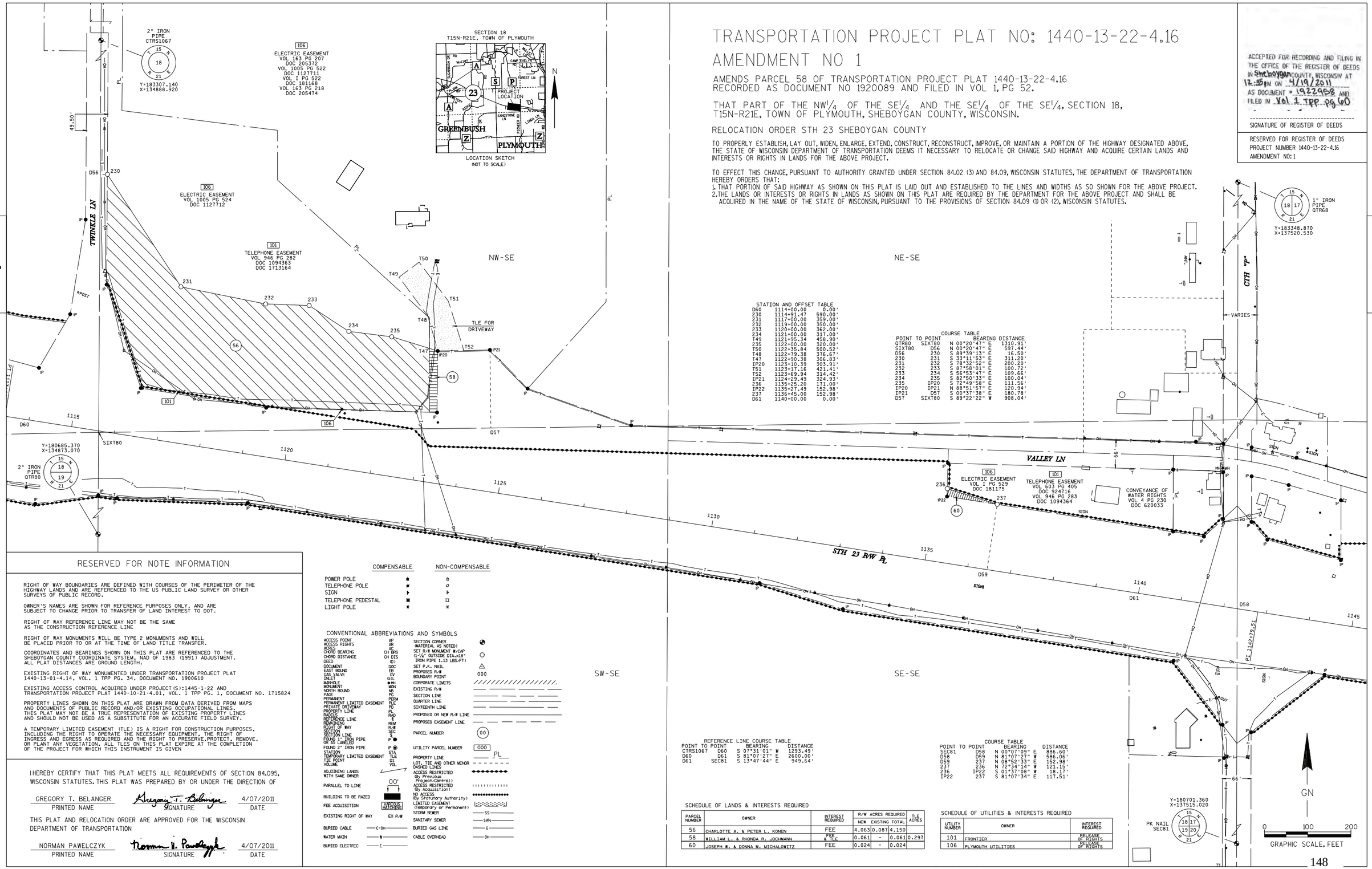
ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 12:35PM ON 4/19/2011 AS DOCUMENT # 1922958 AND FILED IN Vol 1 TPP Pg 60

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.16
AMENDMENT NO: 1

SECTION 18
T15N-R21E, TOWN OF PLYMOUTH

LOCATION SKETCH
(NOT TO SCALE)



STATION AND OFFSET TABLE

D60	1114+00.00	0.00'
230	1114+91.47	590.00'
231	1117+00.00	359.00'
232	1119+00.00	350.00'
233	1120+00.00	362.00'
234	1121+00.00	317.00'
T49	1121+95.34	458.90'
235	1122+00.00	320.00'
T50	1122+35.84	500.52'
T48	1122+79.38	376.67'
T47	1122+90.38	306.83'
IP20	1123+10.39	303.91'
T51	1123+17.16	421.41'
T52	1123+69.94	314.42'
IP21	1124+29.49	324.93'
236	1135+25.20	171.00'
IP22	1135+27.49	152.98'
237	1136+45.00	152.98'
D61	1140+00.00	0.00'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR80	SIXT80	N 00°20'47" E	1310.91'
SIXT80	D56	N 00°20'47" E	597.44'
D56	230	S 89°39'13" E	16.50'
230	231	S 33°11'53" E	311.20'
231	232	S 78°32'52" E	200.20'
232	233	S 87°58'01" E	100.72'
233	234	S 56°53'47" E	109.66'
234	235	S 82°50'33" E	100.04'
235	IP20	S 72°49'58" E	111.56'
IP20	IP21	N 88°51'57" E	120.94'
IP21	D57	S 00°37'38" E	180.78'
D57	SIXT80	S 89°22'22" W	908.04'

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
CTRS1067	D60	S 07°31'01" W	1293.49'
D60	D61	S 81°07'27" E	2600.00'
D61	SEC81	S 13°47'44" E	949.64'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
SEC81	D58	N 00°07'09" E	886.60'
D58	D59	N 81°07'27" W	586.06'
D59	237	N 08°52'33" E	152.98'
237	236	N 72°54'14" W	121.15'
236	IP22	S 01°37'08" W	18.17'
IP22	237	S 81°07'34" E	117.51'

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
56	CHARLOTTE A. & PETER L. KONEN	FEE	4.063	0.087	4.150	
58	WILLIAM L. & RHONDA R. JOCHMANN	FEE & TLE	0.061	-	0.061	0.297
60	JOSEPH W. & DONNA M. MICHALOWITZ	FEE	0.024	-	0.024	

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
106	PLYMOUTH UTILITIES	RELEASE OF RIGHTS

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

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COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.14, VOL. 1 TPP PG. 34, DOCUMENT NO. 1906610

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-22 AND TRANSPORTATION PROJECT PLAT 1440-10-21-4.01, VOL. 1 TPP PG. 1, DOCUMENT NO. 1715824

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, INCLUDING THE RIGHT TO OPERATE THE NECESSARY EQUIPMENT, THE RIGHT OF INGRESS AND EGRESS AS REQUIRED AND THE RIGHT TO PRESERVE,PROTECT, REMOVE, OR PLANT ANY VEGETATION. ALL TLES ON THIS PLAT EXPIRE AT THE COMPLETION OF THE PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
4/07/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman W. Pawelczyk — SIGNATURE
4/07/2011 — DATE

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	○
TELEPHONE POLE	●	○
SIGN	▶	▷
TELEPHONE PEDESTAL	■	□
LIGHT POLE	✱	✱

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-½" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	○
ANGLE	A	SET P.K. NAIL	△
CHORD BEARING	CH BRG	PROPOSED R/W	000
CHORD DISTANCE	CH DIS	BOUNDARY POINT	
DEED	(D)	CORPORATE LIMITS	
DOCUMENT	DOC	EXISTING R/W	
EAST BOUND	EB	SECTION LINE	
GAS VALVE	GV	QUARTER LINE	
INLET	▭IL	SIXTEENTH LINE	
MANHOLE	●MH	PROPOSED OR NEW R/W LINE	
MONUMENT	MON	PROPOSED EASEMENT LINE	
NORTH BOUND	NB	PARCEL NUMBER	(00)
PAGE	PG	UTILITY PARCEL NUMBER	000
PERMANENT	PERM	PROPERTY LINE	PL
PERMANENT LIMITED EASEMENT	PLE	LOT, TIE AND OTHER MINOR DASHED LINES	
PRIVATE DRIVEWAY	PD	ACCESS RESTRICTED (By Previous Project/Control)	
PROPERTY LINE	PL	ACCESS RESTRICTED (By Acquisition)	
RADIUS	RAD	NO ACCESS (By Statutory Authority)	
REFERENCE LINE	℄	LIMITED EASEMENT (Temporary or Permanent)	
REMAINING	REM	STORM SEWER	SS
RIGHT OF WAY	R/W	SANITARY SEWER	SAN
SECTION	SEC	BURIED GAS LINE	G
SECTION LINE	SL	CABLE OVERHEAD	OH
FOUND 1" IRON PIPE OR AS LABELED	IP ●		
FOUND 2" IRON PIPE	IP ◉		
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	TI		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

FILE NAME : F:\d3_144013\040121_rw.dgn
APPRAISAL PLAT DATE :
PLOT DATE : 06-APR-2011 14:38 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 100.000000:1.000000

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.16

THAT PART OF THE NW1/4 OF THE SE1/4 AND THE SE1/4 OF THE SE1/4, SECTION 18, T15N-R21E, TOWN OF PLYMOUTH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
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ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 10:31 AM ON 2-17-2011 AS DOCUMENT # 1900089 AND FILED IN Vol. 1 Page 52

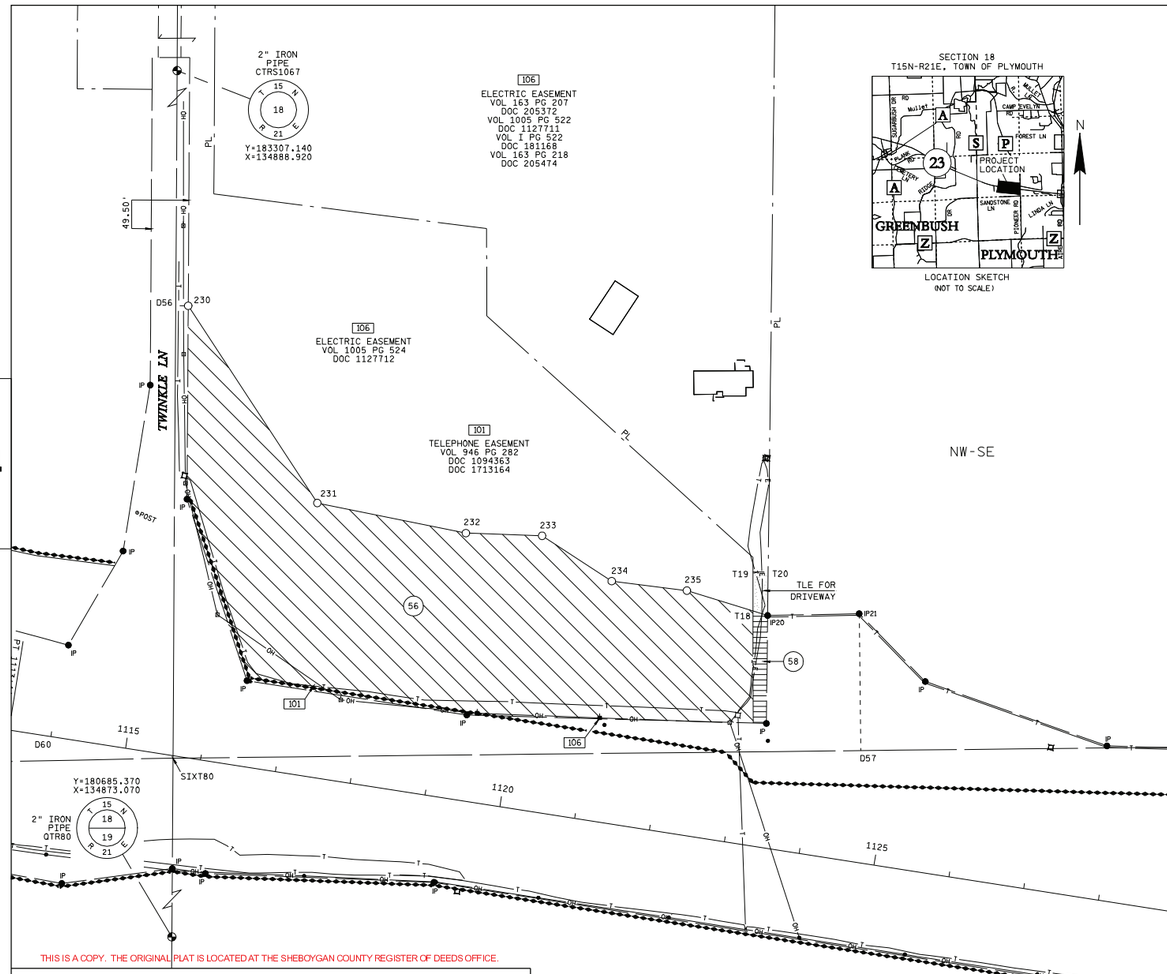
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.16
AMENDMENT NO:

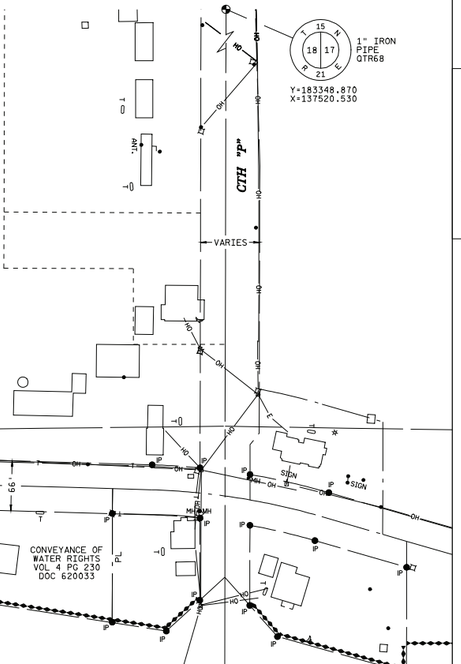
SECTION 18
T15N-R21E, TOWN OF PLYMOUTH

LOCATION SKETCH
(NOT TO SCALE)

NW-SE



NE-SE



SW-SE

SE-SE

STATION AND OFFSET TABLE

D60	1114+00.00	0.00'
230	1114+91.47	590.00'
231	1117+00.00	359.00'
232	1119+00.00	350.00'
233	1120+00.00	362.00'
234	1121+00.00	317.00'
235	1122+00.00	320.00'
T19	1122+82.39	357.55'
T18	1122+90.38	306.83'
T20	1123+02.23	360.65'
IP20	1123+10.39	303.91'
IP21	1124+29.49	324.93'
236	1135+25.20	171.00'
IP22	1135+27.49	152.98'
237	1136+45.00	152.98'
D61	1140+00.00	0.00'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR80	SIXT80	N 00°20'47" E	1310.91'
SIXT80	D56	N 00°20'47" E	597.44'
D56	230	S 89°39'13" E	16.50'
230	231	S 33°11'53" E	311.20'
231	232	S 78°32'52" E	200.20'
232	233	S 87°58'01" E	100.72'
233	234	S 56°53'47" E	109.66'
234	235	S 82°50'33" E	100.04'
235	IP20	S 72°49'58" E	111.56'
IP20	IP21	N 88°51'57" E	120.94'
IP21	D57	S 00°37'38" E	180.78'
D57	SIXT80	S 89°22'22" W	908.04'

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
CTRS1067	D60	S 07°31'01" W	1293.49'
D60	D61	S 81°07'27" E	2600.00'
D61	SEC81	S 13°47'44" E	949.64'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
SEC81	D58	N 00°07'09" E	886.60'
D58	D59	N 81°07'27" W	586.06'
D59	237	N 08°52'33" E	152.98'
237	236	N 72°54'14" W	121.15'
236	IP22	S 01°37'08" W	18.17'
IP22	237	S 81°07'34" E	117.51'

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
56	CHARLOTTE A. & PETER L. KONEN	FEE	4.063	0.087	4.150	
58	WILLIAM L. & RHONDA R. JOCHMANN	FEE & TLE	0.061	-	0.061	0.025
60	JOSEPH W. & DONNA M. MICHALOWITZ	FEE	0.024	-	0.024	

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
106	PLYMOUTH UTILITIES	RELEASE OF RIGHTS

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

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COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.14, VOL. 1 TPP PG. 34, DOCUMENT NO. 1900610

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-22 AND TRANSPORTATION PROJECT PLAT 1440-10-21-4.01, VOL. 1 TPP PG. 1, DOCUMENT NO. 1715824

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, INCLUDING THE RIGHT TO OPERATE THE NECESSARY EQUIPMENT, THE RIGHT OF INGRESS AND EGRESS AS REQUIRED AND THE RIGHT TO PRESERVE,PROTECT, REMOVE, OR PLANT ANY VEGETATION. ALL TLES ON THIS PLAT EXPIRE AT THE COMPLETION OF THE PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
2/14/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman V. Pawelczyk — SIGNATURE
2/14/2011 — DATE

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	○
TELEPHONE POLE	◆	◇
SIGN	▶	▷
TELEPHONE PEDESTAL	■	□
LIGHT POLE	★	☆

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-1/4" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	○
ANGLE	∠	SET P.K. NAIL	△
CHORD BEARING	CH BRG	PROPOSED R/W	000
CHORD DISTANCE	CH DIS	BOUNDARY POINT	
DEED	(D)	CORPORATE LIMITS	
DOCUMENT	DOC	EXISTING R/W	
EAST BOUND	EB	SECTION LINE	
GAS VALVE	GV	QUARTER LINE	
INLET	▭IL	SIXTEENTH LINE	
MANHOLE	●MH	PROPOSED OR NEW R/W LINE	
MONUMENT	MON	PROPOSED EASEMENT LINE	
NORTH BOUND	NB	PARCEL NUMBER	(00)
PAGE	PG	UTILITY PARCEL NUMBER	000
PERMANENT	PERM	PROPERTY LINE	PL
PERMANENT LIMITED EASEMENT	PLE	LOT, TIE AND OTHER MINOR DASHED LINES	
PRIVATE DRIVEWAY	PD	ACCESS RESTRICTED (By Previous Project/Control)	
PROPERTY LINE	PL	ACCESS RESTRICTED (By Acquisition)	
RADIUS	RAD	NO ACCESS (By Statutory Authority)	
REFERENCE LINE	℄	LIMITED EASEMENT (Temporary or Permanent)	
REMAINING	REM	STORM SEWER	SS
RIGHT OF WAY	R/W	SANITARY SEWER	SAN
SECTION	SEC	BURIED GAS LINE	G
SECTION LINE	SL	CABLE OVERHEAD	OH
FOUND 1" IRON PIPE OR AS LABELED	IP ●		
FOUND 2" IRON PIPE	IP ◉		
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	TI		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

FILE NAME : F:\d3_144013\040116_rw.dgn
APPRAISAL PLAT DATE :
PLOT DATE : 11-FEB-2011 10:04 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 100.000000:1.000000

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.17
AMENDMENT NO 1

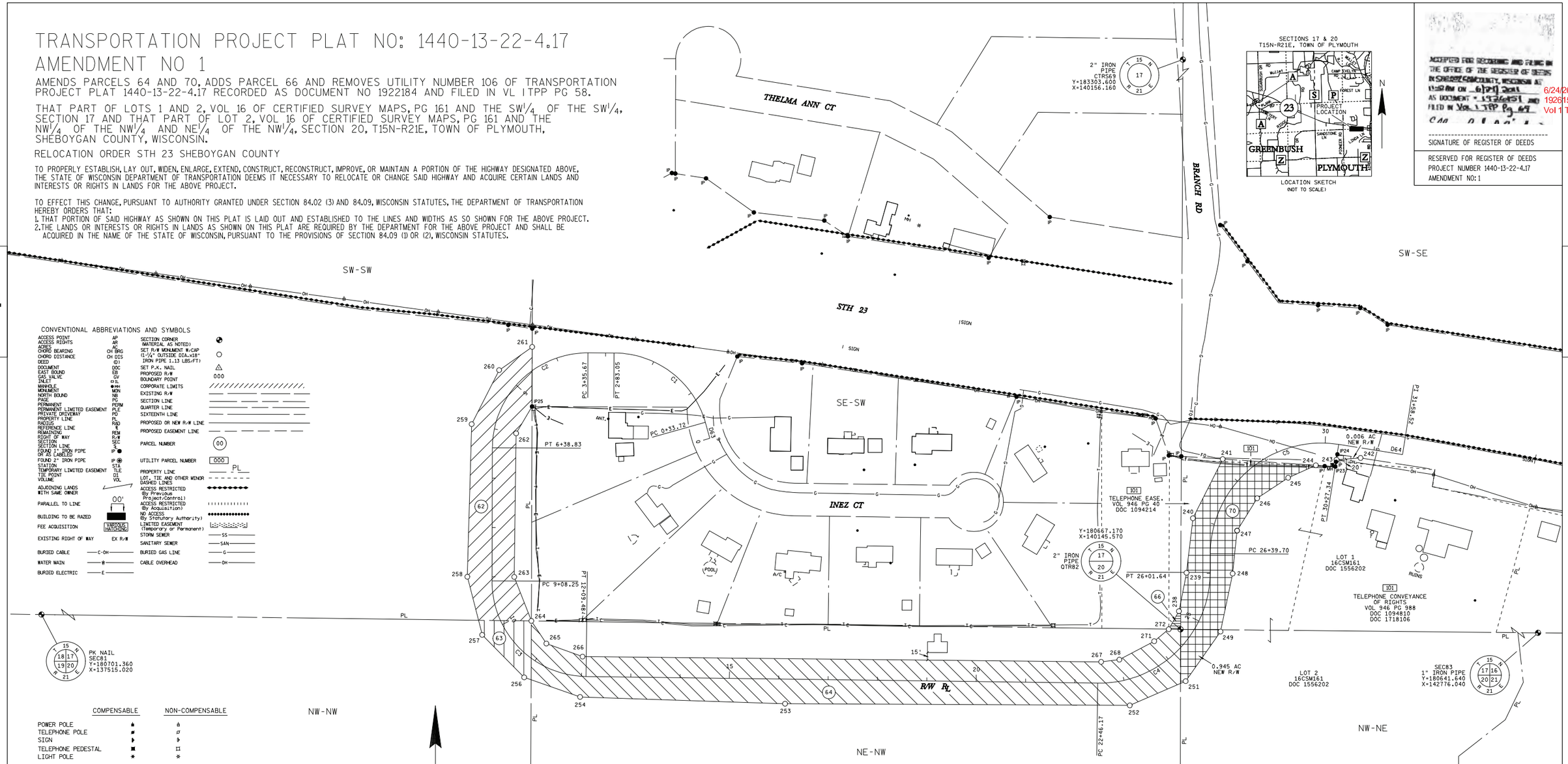
AMENDS PARCELS 64 AND 70, ADDS PARCEL 66 AND REMOVES UTILITY NUMBER 106 OF TRANSPORTATION PROJECT PLAT 1440-13-22-4.17 RECORDED AS DOCUMENT NO 1922184 AND FILED IN VL ITPP PG 58.

THAT PART OF LOTS 1 AND 2, VOL 16 OF CERTIFIED SURVEY MAPS, PG 161 AND THE SW¼ OF THE SW¼, SECTION 17 AND THAT PART OF LOT 2, VOL 16 OF CERTIFIED SURVEY MAPS, PG 161 AND THE NW¼ OF THE NW¼ AND NE¼ OF THE NW¼, SECTION 20, T15N-R21E, TOWN OF PLYMOUTH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.



CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	○
ACRES	Ac	SET P.K. NAIL	△
CHORD BEARING	CH BRG	PROPOSED R/W	
CHORD DISTANCE	CH DIS	BOUNDARY POINT	000
DEED	(D)	CORPORATE LIMITS	
DOCUMENT	DOC	EXISTING R/W	
EAST BOUND	EB	SECTION LINE	
GAS VALVE	GV	QUARTER LINE	
INLET		SIXTEENTH LINE	
MANHOLE	MH	PROPOSED OR NEW R/W LINE	
MONUMENT	MON	PROPOSED EASEMENT LINE	
NORTH BOUND	NB		
PAGE	PG	PARCEL NUMBER	(00)
PERMANENT	PERM		
PERMANENT LIMITED EASEMENT	PLE	UTILITY PARCEL NUMBER	000
PRIVATE DRIVEWAY	PD	PROPERTY LINE	PL
PROPERTY LINE	PL	LOT, TIE AND OTHER MINOR DASHED LINES	
RADIUS	RAD	ACCESS RESTRICTED (By Previous Project-Control)	
REFERENCE LINE		ACCESS RESTRICTED (By Acquisition)	
REMAINING	REM	NO ACCESS (By Statutory Authority)	
RIGHT OF WAY	R/W	LIMITED EASEMENT (Temporary or Permanent)	
SECTION	SEC	STORM SEWER	SS
SOUTH LINE	S	SANITARY SEWER	SAN
FOUND 1" IRON PIPE OR AS CAPPED	IP ●	BURIED GAS LINE	G
FOUND 2" IRON PIPE	IP ◉	CABLE OVERHEAD	OH
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	DI		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-ON		
WATER MAIN	W		
BURIED ELECTRIC	E		

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	♣	♧
TELEPHONE POLE	■	□
SIGN	▶	▷
TELEPHONE PEDESTAL	■	□
LIGHT POLE	✱	✲

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.15, VOL. 1 TPP PG. 35, DOCUMENT NO. 1900611 AND 1440-13-01-4.16, VOL. 1 TPP PG. 36, DOCUMENT NO. 1900612.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-22.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
06/15/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman V. Pawelczyk — SIGNATURE
06/15/2011 — DATE

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	N 52°49'01" W	232.35'	193.00'	249.33'
C2	S 45°10'28" W	272.94'	193.00'	303.16'
C3	S 44°32'18" E	271.57'	193.00'	301.23'
C4	N 45°29'22" E	319.63'	225.00'	355.46'
C5	N 49°35'14" E	341.45'	225.00'	387.65'

PI C1 Y 181226.611 X 139143.052 PI C2 Y 181227.800 X 138751.951
PI C3 Y 180574.311 X 138749.960 PI C4 Y 180555.300 X 140204.648
PI C5 Y 181082.512 X 140206.768

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL
62	ROGER M. & JACQUELINE RORTVEDT	FEE	1.130	-	1.130
63	TODD K. & KRISTEN L. RORTVEDT	FEE	0.181	-	0.181
64	CORV FARMS INC, A WISCONSIN CORPORATION	FEE	2.733	-	2.733
66	CURT G. JOA, INC.	FEE	0.012	-	0.012
70	RANDALL K. & STACEY A. BERMKE	FEE	0.951	-	0.951

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR82	D63	N 67°54'45" W	1029.23'
D63	PC C1	N 15°48'29" W	33.72'
PC C1	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	PC C2	N 89°49'33" W	52.62'
PC C2	PT C2	SEE CURVE TABLE	CURVE C2
PT C2	PC C3	S 00°10'29" W	269.42'
PC C3	PT C3	SEE CURVE TABLE	CURVE C3
PT C3	PC C4	S 89°15'04" E	1036.69'
PC C4	PT C4	SEE CURVE TABLE	CURVE C4
PT C4	PC C5	N 00°13'49" E	38.06'
PC C5	PT C5	SEE CURVE TABLE	CURVE C5
PT C5	D64	S 81°03'21" E	131.18'
D64	SEC83	S 80°07'21" E	2213.58'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR82	272	N 89°15'44" W	24.00'
272	238	N 29°30'30" E	41.94'
238	239	N 11°07'38" E	79.26'
239	240	N 06°43'02" E	111.28'
240	241	N 26°43'58" E	134.17'
241	IP24	N 87°38'24" E	232.53'
IP24	242	S 81°07'33" E	47.45'
242	243	S 85°54'59" W	48.67'
243	IP23	S 08°52'40" W	14.09'
IP23	244	S 86°12'50" W	39.89'
244	245	S 65°41'58" W	61.56'
245	246	S 56°30'51" W	75.28'
246	247	S 31°44'30" W	77.18'
247	248	S 05°58'17" W	87.38'
248	249	S 11°47'21" W	120.01'
249	251	S 35°06'23" W	122.79'
251	252	S 66°32'55" W	133.14'
252	253	N 89°45'28" W	698.45'
253	254	N 88°06'33" W	415.56'
254	256	N 70°40'09" W	119.91'
256	257	N 44°39'08" W	121.06'
257	258	N 14°21'39" W	121.53'
258	259	N 01°37'40" E	309.23'
259	260	N 26°59'53" E	122.71'
260	261	N 54°52'53" E	81.82'
261	IP25	S 00°10'27" W	120.71'
IP25	262	S 30°37'27" W	63.17'
262	263	S 00°45'47" W	290.76'
263	264	S 21°15'53" E	95.75'
264	265	S 33°39'06" E	54.96'
265	266	S 70°10'16" E	77.90'
266	267	S 89°25'09" E	1050.60'
267	268	N 83°11'45" E	37.22'
268	271	N 62°09'11" E	79.87'
271	272	N 50°25'12" E	38.16'

STATION AND OFFSET TABLE

D63	0+00.00	0.00'
261	4+33.00	40.86'
260	5+00.00	46.00'
IP25	5+35.42	52.18'
262	6+00.00	45.00'
259	6+00.00	47.00'
258	9+00.00	50.00'
263	9+00.00	45.00'
257	10+00.00	46.00'
264	10+28.14	54.04'
265	11+00.00	42.00'
256	11+00.00	40.00'
266	12+00.00	40.00'
254	12+00.00	42.00'
253	16+13.42	50.00'
267	22+54.08	43.15'
252	23+00.00	52.12'
268	23+00.19	42.94'
251	24+00.00	57.06'
271	24+00.47	45.90'
272	24+47.87	42.56'
238	24+99.98	44.94'
249	25+00.00	48.86'
248	26+00.00	45.44'
239	26+00.65	48.03'
247	27+00.00	47.85'
240	27+00.16	45.15'
246	28+00.00	52.57'
241	28+11.37	52.52'
245	29+00.00	56.25'
244	29+78.32	44.55'
IP24	30+28.04	20.23'
243	30+28.05	31.14'
IP23	30+28.07	45.23'
242	30+75.47	20.17'
D64	31+58.52	

6/24/2011
1926151
Vol 1 TPP Pg 64

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN SHEBOYGAN COUNTY, WISCONSIN AT 11:58 AM ON 6 PM 2011 AS DOCUMENT # 1926151 AND FILED IN VOL 1 TPP Pg 64

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.17
AMENDMENT NO: 1

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.17

THAT PART OF LOTS 1 AND 2, VOL 16 OF CERTIFIED SURVEY MAPS, PG 161 AND THE SW¼ OF THE SW¼, SECTION 17 AND THAT PART OF LOT 2, VOL 16 OF CERTIFIED SURVEY MAPS, PG 161 AND THE NW¼ OF THE NW¼ AND NE¼ OF THE NW¼, SECTION 20, T15N-R21E, TOWN OF PLYMOUTH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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.

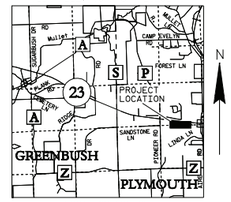
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
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.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN SHEBOYGAN COUNTY, WISCONSIN AT 09:36 AM ON April 2, 2011 AS DOCUMENT # 1922184 AND FILED IN vol 1 TPP pg 58

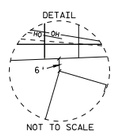
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.17
AMENDMENT NO:

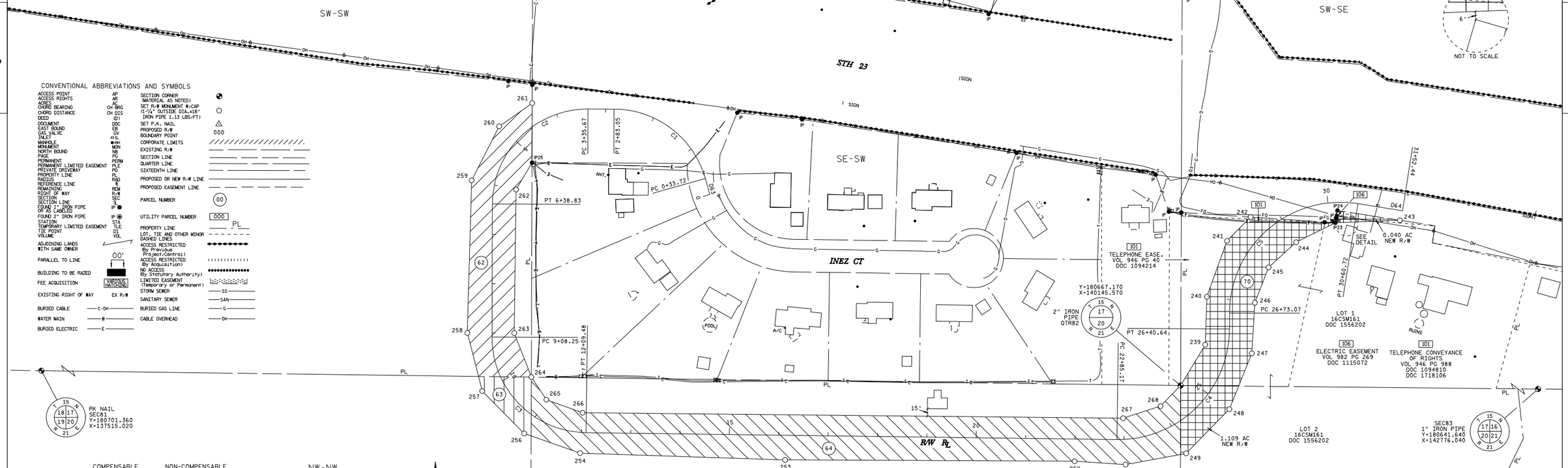
SECTIONS 17 & 20
T15N-R21E, TOWN OF PLYMOUTH



LOCATION SKETCH
(NOT TO SCALE)



NOT TO SCALE



CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS/FT)	
ACRES	Ac		
CHORD BEARING	CH BRG		
CHORD DISTANCE	CH DIS	SET P.K. NAIL	
DEED	(D)	PROPOSED R/W	
DOCUMENT	DOC	BOUNDARY POINT	000
EAST BOUND	EB	CORPORATE LIMITS	
GAS VALVE	GV	EXISTING R/W	
INLET		SECTION LINE	
MANHOLE	MH	QUARTER LINE	
MONUMENT	MON	SIXTEENTH LINE	
NORTH BOUND	NB	PROPOSED OR NEW R/W LINE	
PAGE	PG	PROPOSED EASEMENT LINE	
PERMANENT	PERM	PARCEL NUMBER	00
PERMANENT LIMITED EASEMENT	PLE	UTILITY PARCEL NUMBER	000
PRIVATE DRIVEWAY	PD	PROPERTY LINE	PL
PROPERTY LINE	PL	LOT, TIE AND OTHER MINOR DASHED LINES	
RADIUS	RAD	ACCESS RESTRICTED (By Previous Project-Control)	
REFERENCE LINE	R	ACCESS RESTRICTED (By Acquisition)	
REMAINING	REM	NO ACCESS (By Statutory Authority)	
RIGHT OF WAY	R/W	LIMITED EASEMENT (Temporary or Permanent)	
SECTION	SEC	STORM SEWER	SS
SECTION LINE		SANITARY SEWER	SAN
FOUND ¾" IRON PIPE OR AS CAPPED	IP	BURIED GAS LINE	G
FOUND 2" IRON PIPE	IP	CABLE OVERHEAD	OH
STATION	STA		
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	DI		
VOLUME	VOL		
ADJOINING LANDS WITH SAME OWNER			
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		
EXISTING RIGHT OF WAY	EX R/W		
BURIED CABLE	C-OH		
WATER MAIN	W		
BURIED ELECTRIC	E		

	COMPENSABLE	NON-COMPENSABLE
POWER POLE		
TELEPHONE POLE		
SIGN		
TELEPHONE PEDESTAL		
LIGHT POLE		

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

GN

0 100 200

GRAPHIC SCALE, FEET

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

EXISTING RIGHT OF WAY MONUMENTED UNDER TRANSPORTATION PROJECT PLAT 1440-13-01-4.15, VOL. 1 TPP PG. 35, DOCUMENT NO. 1900611 AND 1440-13-01-4.16, VOL. 1 TPP PG. 36, DOCUMENT NO. 1900612.

EXISTING ACCESS CONTROL ACQUIRED UNDER PROJECT(S):1445-1-22.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

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

GREGORY T. BELANGER — PRINTED NAME
Gregory T. Belanger — SIGNATURE
03/25/2011 — DATE

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

NORMAN PAWELCZYK — PRINTED NAME
Norman V. Pawelczyk — SIGNATURE
03/25/2011 — DATE

CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	N 52°49'01" W	232.35'	193.00'	249.33'
C2	S 45°10'28" W	272.94'	193.00'	303.16'
C3	S 44°32'18" E	271.57'	193.00'	301.23'
C4	N 45°29'21" E	319.64'	225.00'	355.47'
C5	N 49°35'12" E	341.45'	225.00'	387.65'

PI C1 Y 181226.611 X 139143.052 PI C2 Y 181227.800 X 138751.951
PI C3 Y 180574.311 X 138749.960 PI C4 Y 180554.791 X 140243.647
PI C5 Y 181076.377 X 140245.738

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL
62	ROGER M. & JACQUELINE RORTVEDT	FEE	1.130	-	1.130
63	TODD K. & KRISTEN L. RORTVEDT	FEE	0.181	-	0.181
64	LAND FIRMS INC, A WISCONSIN CORPORATION	FEE	2.731	-	2.731
70	RANDALL K. & STACEY A. BERNKE	FEE	1.149	-	1.149

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
106	PLYMOUTH UTILITIES	RELEASE OF RIGHTS

REFERENCE LINE COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR82	D63	N 67°54'45" W	1029.23'
D63	PC C1	N 15°48'29" W	33.72'
PC C1	PT C1	SEE CURVE TABLE	CURVE C1
PT C1	PC C2	N 89°49'33" W	52.62'
PC C2	PT C2	SEE CURVE TABLE	CURVE C2
PT C2	PC C3	S 00°10'29" W	269.42'
PC C3	PT C3	SEE CURVE TABLE	CURVE C3
PT C3	PC C4	S 89°15'05" E	1075.69'
PC C4	PT C4	SEE CURVE TABLE	CURVE C4
PT C4	PC C5	N 00°13'47" E	32.43'
PC C5	PT C5	SEE CURVE TABLE	CURVE C5
PT C5	D64	S 81°03'22" E	91.72'
D64	SEC83	S 80°07'21" E	2213.58'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR82	239	N 31°07'39" E	96.62'
239	240	N 01°55'06" E	97.23'
240	241	N 19°49'13" E	120.34'
241	242	N 44°47'45" E	67.78'
242	IP23	S 86°12'45" E	172.42'
IP23	IP24	N 08°52'30" E	25.00'
IP24	243	S 81°07'34" E	128.04'
243	IP23	S 87°49'33" E	130.46'
IP23	244	S 63°41'51" W	88.94'
244	245	S 47°30'06" W	75.65'
245	246	S 21°16'38" W	76.72'
246	247	S 03°25'12" W	102.89'
247	248	S 21°56'08" W	121.92'
248	249	S 44°18'17" W	125.13'
249	251	S 79°37'12" W	124.85'
251	252	N 86°15'35" W	103.49'
252	253	N 89°44'23" W	586.60'
253	254	N 88°06'33" W	415.56'
254	256	N 70°40'09" W	119.91'
256	257	N 44°39'08" W	121.06'
257	258	N 14°21'39" W	121.53'
258	259	N 01°37'40" E	309.23'
259	260	N 26°59'53" E	122.71'
260	261	N 54°52'53" E	81.82'
261	IP25	S 00°10'27" W	120.71'
IP25	262	S 30°37'27" W	63.17'
262	263	S 00°13'47" E	290.76'
263	264	S 21°15'53" E	95.75'
264	265	S 33°39'06" E	54.96'
265	266	S 70°10'16" E	77.90'
266	267	S 89°25'09" E	1095.19'
267	268	N 72°08'05" E	79.62'
268	QTR82	N 44°12'52" E	58.25'

STATION AND OFFSET TABLE

D63	0+00.00	0.00'
261	4+33.00	40.86'
260	5+00.00	46.00'
IP25	5+15.42	52.18'
262	6+00.00	45.00'
259	6+00.00	47.00'
263	9+00.00	45.00'
258	9+00.00	50.00'
257	10+00.00	46.00'
264	10+28.14	54.04'
256	11+00.00	40.00'
265	11+00.00	42.00'
254	12+00.00	42.00'
266	12+00.00	40.00'
253	16+13.42	50.00'
252	22+00.00	45.00'
267	23+00.00	43.00'
251	23+00.00	51.00'
249	24+00.00	63.00'
268	24+00.00	46.00'
248	25+00.00	53.00'
247	26+00.00	50.00'
246	27+00.00	50.00'
241	28+00.00	48.00'
245	28+00.00	52.00'
242	28+56.42	41.97'
244	29+00.00	55.00'
IP23	30+12.97	41.10'
IP24	30+18.63	16.59'
243	31+50.00	20.07'
D64	31+52.44	0.00'

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.18 AMENDMENT NO 1

AMENDS PARCEL 55 AND CHANGES PARCEL 75 TO PARCEL 80 OF TRANSPORTATION PROJECT PLAT 1440-13-22-4.18 RECORDED AS DOCUMENT NO 1920590 AND FILED IN VOL 1, PG 53.

THAT PART OF LOT 1, VOL 9 OF CERTIFIED SURVEY MAPS, PG 85 AND LOT 1, VOL 22 OF CERTIFIED SURVEY MAPS, PG 224 AND THE NE¼ OF THE NW¼, SECTION 19 AND THAT PART OF THE SE¼ OF THE SW¼ AND THE SW¼ OF THE SE¼, SECTION 18, T15N-R21E, TOWN OF PLYMOUTH, SHEBOYGAN COUNTY, WISCONSIN.

RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

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) AND 84.09, 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.

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS./FT)	
ACRES	AC		
CHORD BEARING	CH BRG		
CHORD DISTANCE	CH DIS		
DEED	(D)	SET P.K. NAIL	
DOCUMENT	DOC	PROPOSED R/W	000
EAST BOUND	EB	BOUNDARY POINT	
GAS VALVE	GV	CORPORATE LIMITS	
INLET	I.L.	EXISTING R/W	
MANHOLE	MH	SECTION LINE	
MONUMENT	MON	QUARTER LINE	
NORTH BOUND	NB	SIXTEENTH LINE	
PAGE	PG	PROPOSED OR NEW R/W LINE	
PERMANENT	PERM	PROPOSED EASEMENT LINE	
PERMANENT LIMITED EASEMENT	PLE	PARCEL NUMBER	00
PRIVATE DRIVEWAY	PD	UTILITY PARCEL NUMBER	000
PROPERTY LINE	PL	PROPERTY LINE	PL
RADIUS	RAD	LOT, TIE AND OTHER MINOR DASHED LINES	
REFERENCE LINE	R	ACCESS RESTRICTED (By Previous Project/Control)	
REMAINING	REM	ACCESS RESTRICTED (By Acquisition)	
RIGHT OF WAY	R/W	NO ACCESS (By Statutory Authority)	
SECTION	SEC	LIMITED EASEMENT (Temporary or Permanent)	
SECTION LINE	-x-	STORM SEWER	SS
FOUND 1" IRON PIPE OR AS LABELED	IP	SANITARY SEWER	SAN
FOUND 2" IRON PIPE	IP	BURIED GAS LINE	G
STATION	STA	CABLE OVERHEAD	OH
TEMPORARY LIMITED EASEMENT	TLE	BURIED CABLE	C-OH
TIE POINT	DI	WATER MAIN	W
VOLUME	VOL	BURIED ELECTRIC	E
ADJOINING LANDS WITH SAME OWNER		EXISTING RIGHT OF WAY	EX R/W
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	⊕	⊕
TELEPHONE POLE	⊕	⊕
SIGN	⊧	⊧
TELEPHONE PEDESTAL	▣	▣
LIGHT POLE	✳	✳

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

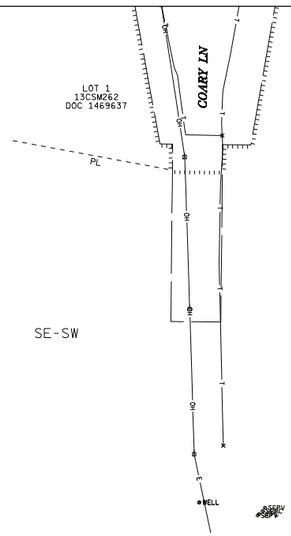
A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, INCLUDING THE RIGHT TO OPERATE THE NECESSARY EQUIPMENT, THE RIGHT OF INGRESS AND EGRESS AS REQUIRED AND THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT ANY VEGETATION. ALL TLES ON THIS PLAT EXPIRE AT THE COMPLETION OF THE PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

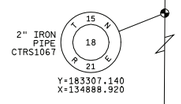
I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095, WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

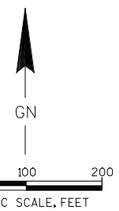
GREGORY T. BELANGER (PRINTED NAME) — Gregory T. Belanger (SIGNATURE) — 3/10/2011 (DATE)

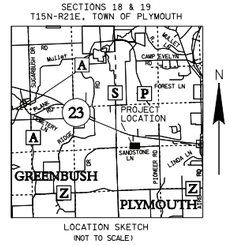
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

NORMAN PAWELCZYK (PRINTED NAME) — Norman V. Pawelczyk (SIGNATURE) — 3/10/2011 (DATE)









ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN SHEBOYGAN COUNTY, WISCONSIN AT 8:00AM ON 3/17/2011 @ 8:00AM AS DOCUMENT # 1921470 AND FILED IN VOL. 1 PP. 56

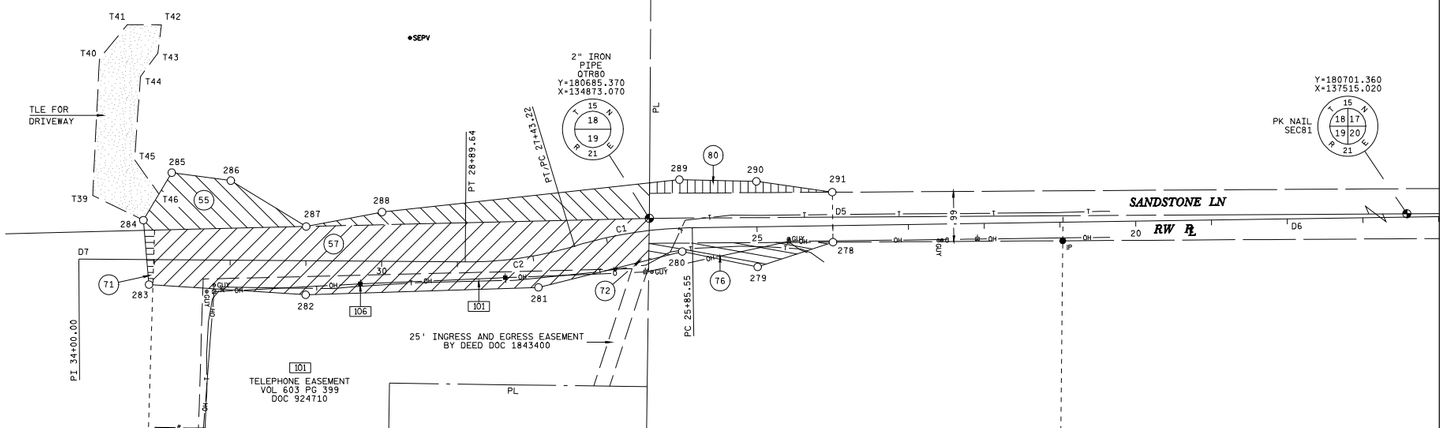
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.18
AMENDMENT NO: 1

SW-SE

NW-NE

NE-NW



CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 81°09'04" W	157.16'	565.00'	157.67'
C2	S 81°47'13" W	145.87'	486.03'	146.42'

PI C1 Y 180671.681 X 134850.330 PI C2 Y 180627.313 X 134703.779

STATION AND OFFSET TABLE

D6	18+00.00	0.00'
278	24+00.00	21.80'
291	24+00.00	44.21'
279	25+00.00	53.00'
290	25+00.00	60.00'
280	26+00.00	31.00'
289	26+00.00	64.00'
281	28+00.00	42.00'
288	30+00.00	65.00'
282	31+00.00	45.00'
287	31+00.00	45.12'
286	32+00.00	105.00'
285	32+78.00	115.00'
T42	32+93.00	310.00'
T46	32+94.67	86.62'
T43	32+97.59	272.65'
283	33+07.00	33.00'
284	33+15.00	52.00'
T44	33+20.27	241.29'
T45	33+27.33	131.51'
T41	33+38.00	310.00'
T40	33+74.58	265.05'
T39	33+82.22	84.15'
D7	34+00.00	0.00'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR80	D5	N 89°39'12" E	241.97'
D5	278	S 00°51'15" E	33.00'
278	279	S 71°48'56" W	104.76'
279	280	N 78°26'49" W	101.58'
280	281	S 75°59'13" W	195.70'
281	282	S 88°11'19" W	307.43'
282	283	N 86°15'54" W	207.35'
283	284	N 04°57'34" W	85.38'
284	285	N 30°50'35" E	73.06'
285	286	S 82°16'37" E	78.64'
286	287	S 58°40'10" E	116.56'
287	288	N 79°10'24" E	101.96'
288	289	N 83°46'58" E	394.83'
289	290	S 88°42'59" E	101.71'
290	291	S 81°52'46" E	101.24'
291	D5	S 00°51'15" E	33.00'

R/W REFERENCE LINE COURSE TABLE

POIN TO POINT		BEARING	DISTANCE
SEC81	D6	S 89°27'57" W	1799.97'
D6	PC C1	S 89°08'45" W	785.55'
PC C1	PT C1/PC C2	SEE CURVE TABLE	CURVE C1
PT C1/PC C2	PT C2	SEE CURVE TABLE	CURVE C2
PT C2	D7	N 89°34'58" W	510.36'
D7	SEC91	S 89°40'57" W	1936.52'

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
55	ROGER L. & THERESE BOECKMANN	FEE & TLE	0.511	-	0.511	0.342
57	ROGER W. & DIANE M. BAUMHARDT	FEE	1.240	-	1.240	
71	DORIS SUEMNICHT	FEE & RELEASE OF RIGHTS	0.016	-	0.016	
72	GARY D. & LORRETTA E. FISHER, TRUSTEES OF THE GARY D. & LORRETTA FISHER REVOCABLE TRUST	RELEASE OF RIGHTS				
80	THE TRUSTEE OF THE STEVEN J. BORTVEDT AND CHERYL J. BORTVEDT REVOCABLE LIVING TRUST OF 2007	FEE	0.070	0.183	0.253	
76	PAUL AND STACY A. GLOEDE	FEE	0.103	0.184	0.287	

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
106	PLYMOUTH UTILITIES	RELEASE OF RIGHTS

FILE NAME : F:\d3_144013\040118_rw.dgn
APPRAISAL PLAT DATE :
PLOT DATE : 08-MAR-2011 15:26
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : 100.000000:1.000000

TRANSPORTATION PROJECT PLAT NO: 1440-13-22-4.18

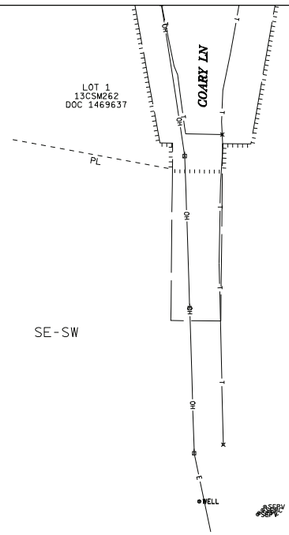
THAT PART OF LOT 1, VOL 9 OF CERTIFIED SURVEY MAPS, PG 85 AND LOT 1, VOL 22 OF CERTIFIED SURVEY MAPS, PG 224 AND THE NE¼ OF THE NW¼, SECTION 19 AND THAT PART OF THE SE¼ OF THE SW¼ AND THE SW¼ OF THE SE¼, SECTION 18, T15N-R21E, TOWN OF PLYMOUTH, SHEBOYGAN COUNTY, WISCONSIN.

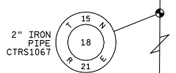
RELOCATION ORDER STH 23 SHEBOYGAN COUNTY

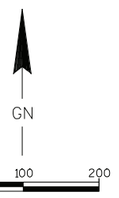
TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN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

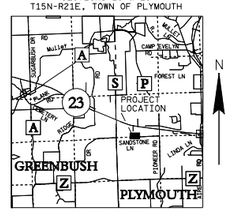
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

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.









ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Sheboygan COUNTY, WISCONSIN AT 12:22PM ON 2-28-2011 AS DOCUMENT # 1920590 AND FILED IN Vol 1 Page 53

SIGNATURE OF REGISTER OF DEEDS

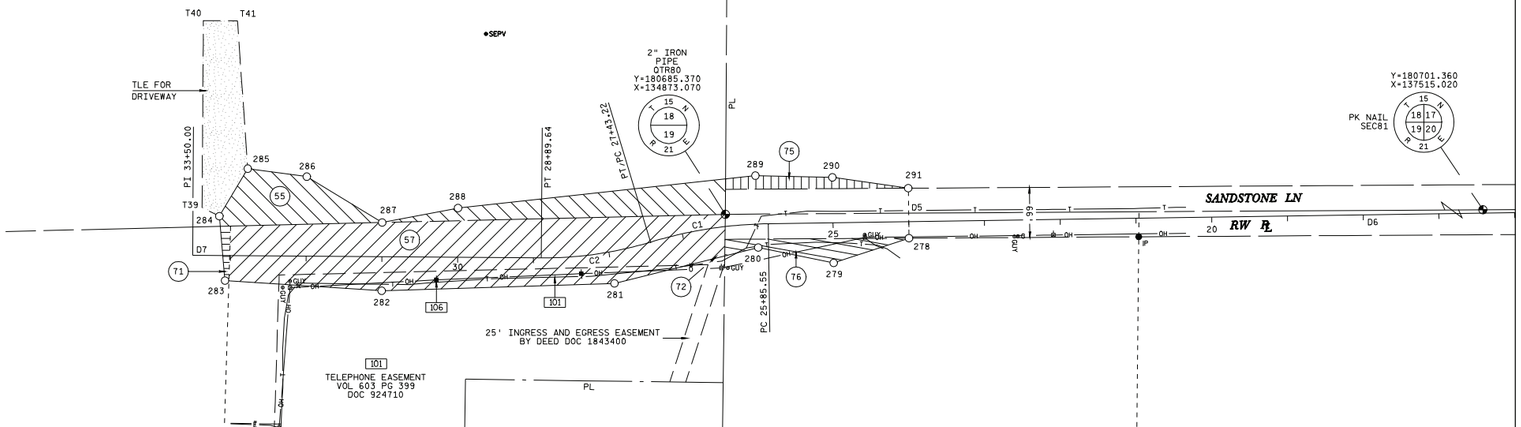
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1440-13-22-4.18
AMENDMENT NO:

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER (MATERIAL AS NOTED)	
ACCESS RIGHTS	AR	SET R/W MONUMENT W/CAP (1-¼" OUTSIDE DIA.x18" IRON PIPE 1.13 LBS./FT)	
ACRES	AC		
CHORD BEARING	CH BRG		
CHORD DISTANCE	CH DIS		
DEED	(D)	SET P.K. NAIL	
DOCUMENT	DOC	BOUNDARY POINT	
EAST BOUND	EB	PROPOSED R/W	000
GAS VALVE	GV	CORPORATE LIMITS	
INLET	I.L.	EXISTING R/W	
MANHOLE	MH	SECTION LINE	
MONUMENT	MON	QUARTER LINE	
NORTH BOUND	NB	SIXTEENTH LINE	
PAGE	PG	PROPOSED OR NEW R/W LINE	
PERMANENT	PERM	PROPOSED EASEMENT LINE	
PERMANENT LIMITED EASEMENT	PLE	PARCEL NUMBER	00
PRIVATE DRIVEWAY	PD	UTILITY PARCEL NUMBER	000
PROPERTY LINE	PL	PROPERTY LINE	PL
RADIUS	RAD	LOT, TIE AND OTHER MINOR DASHED LINES	
REFERENCE LINE	R	ACCESS RESTRICTED (By Previous Project Control)	
REMAINING	REM	ACCESS RESTRICTED (By Acquisition)	
RIGHT OF WAY	R/W	NO ACCESS (By Statutory Authority)	
SECTION	SEC	LIMITED EASEMENT (Temporary or Permanent)	
SECTION LINE	S/L	STORM SEWER	SS
FOUND 1" IRON PIPE OR AS LABELED	IP	SANITARY SEWER	SAN
FOUND 2" IRON PIPE	IP	BURIED GAS LINE	G
STATION	STA	CABLE OVERHEAD	OH
TEMPORARY LIMITED EASEMENT	TLE	BURIED CABLE	C-OH
TIE POINT	DI	WATER MAIN	W
VOLUME	VOL	BURIED ELECTRIC	E
ADJOINING LANDS WITH SAME OWNER		EXISTING RIGHT OF WAY	EX R/W
PARALLEL TO LINE	00'	FEE ACQUISITION	VARIOUS HATCHING
BUILDING TO BE RAZED			

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	●	○
TELEPHONE POLE	■	□
SIGN	▶	▷
TELEPHONE PEDESTAL	■	□
LIGHT POLE	✱	✲





CURVE TABLE

CURVE	CH BEARING	CH DISTANCE	RADIUS	ARC LENGTH
C1	S 81°09'04" W	157.16'	565.00'	157.67'
C2	S 81°47'13" W	145.87'	486.03'	146.42'

PI C1 Y 180671.681 X 134850.330 PI C2 Y 180627.313 X 134703.779

STATION AND OFFSET TABLE

D6	18+00.00	0.00'
278	24+00.00	21.80'
291	24+00.00	44.21'
279	25+00.00	53.00'
290	25+00.00	60.00'
280	26+00.00	31.00'
289	26+00.00	64.00'
281	28+00.00	42.00'
288	30+00.00	65.00'
282	31+00.00	45.00'
287	31+00.00	45.12'
286	32+00.00	105.00'
285	32+78.00	115.00'
T41	32+93.00	310.00'
283	33+07.00	33.00'
284	33+15.00	52.00'
T40	33+38.00	310.00'
T39	33+38.00	63.00'
D7	33+50.00	0.00'

COURSE TABLE

POINT TO POINT		BEARING	DISTANCE
QTR80	D5	N 89°39'12" E	241.97'
D5	278	S 00°51'15" E	33.00'
278	279	S 71°48'56" W	104.76'
279	280	N 78°26'49" W	101.58'
280	281	S 75°59'13" W	195.70'
281	282	S 88°11'19" W	307.43'
282	283	N 86°15'54" W	207.35'
283	284	N 04°57'34" W	85.38'
284	285	N 30°50'35" E	73.06'
285	286	S 82°16'37" E	78.64'
286	287	S 58°40'10" E	116.56'
287	288	N 79°10'24" E	101.96'
288	289	N 83°46'58" E	394.83'
289	290	S 88°42'59" E	101.71'
290	291	S 81°52'46" E	101.24'
291	D5	S 00°51'15" E	33.00'

R/W REFERENCE LINE COURSE TABLE

POIN TO POINT		BEARING	DISTANCE
SEC81	D6	S 89°27'57" W	1799.97'
D6	PC C1	S 89°08'45" W	785.55'
PC C1	PT C1/PC C2	SEE CURVE TABLE	CURVE C1
PT C1/PC C2	PT C2	SEE CURVE TABLE	CURVE C2
PT C2	D7	N 89°34'58" W	460.36'
D7	SEC91	S 89°42'04" W	1986.52'

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
55	ROGER L. & THERESE BOECKMANN	FEE & TLE	0.511	-	0.511	0.292
57	ROGER W. & DIANE M. BAUMHARDT	FEE	1.240	-	1.240	
71	DORIS SUEMNICHT	FEE & RELEASE OF RIGHTS	0.016	-	0.016	
72	GARY D. & LORRETTA E. FISHER, TRUSTEES OF THE GARY D. & LORRETTA FISHER REVOCABLE TRUST	RELEASE OF RIGHTS				
75	THE TRUSTEE OF THE STEVEN J. BORTVEDT AND CHERYL J. BORTVEDT REVOCABLE LIVING TRUST OF 2007	FEE	0.070	0.183	0.253	
76	PAUL AND STACY A. GLOEDE	FEE	0.103	0.184	0.287	

SCHEDULE OF UTILITIES & INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
101	FRONTIER	RELEASE OF RIGHTS
106	PLYMOUTH UTILITIES	RELEASE OF RIGHTS

THIS IS A COPY. THE ORIGINAL PLAT IS LOCATED AT THE SHEBOYGAN COUNTY REGISTER OF DEEDS OFFICE.

RESERVED FOR NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO DOT.

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

RIGHT OF WAY MONUMENTS WILL BE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE SHEBOYGAN COUNTY COORDINATE SYSTEM, NAD OF 1983 (1991) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, INCLUDING THE RIGHT TO OPERATE THE NECESSARY EQUIPMENT, THE RIGHT OF INGRESS AND EGRESS AS REQUIRED AND THE RIGHT TO PRESERVE,PROTECT, REMOVE, OR PLANT ANY VEGETATION. ALL TLES ON THIS PLAT EXPIRE AT THE COMPLETION OF THE PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

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

GREGORY T. BELANGER (PRINTED NAME) — Gregory T. Belanger (SIGNATURE) — 2/22/2011 (DATE)

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

NORMAN PAWELCZYK (PRINTED NAME) — Norman W. Pawelczyk (SIGNATURE) — 2/22/2011 (DATE)

FILE NAME : F:\d3_144013\040118_rw.dgn
APPRAISAL PLAT DATE :

PLOT DATE : 18-FEB-2011 15:50 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 100.000000:1.000000

WB 1
CURVE NOTES
PI STA = 760+28.97
Y = 184695.227
X = 102155.796
DELTA = 39°26'29"
D = 1°27'15"
T = 1412.34'
L = 2712.23'
R = 3940.00'
PC STA = 746+16.63
PT STA = 773+44.61
RUNOFF = 135'
S.E. = 4.50%
S.E TRANSITION = 195'

EB 1
CURVE NOTES
PI STA = 760+24.91
Y = 184634.493
X = 102175.134
DELTA = 39°26'29"
D = 1°25'57"
T = 1433.84'
L = 2753.54'
R = 4000.00'
PC STA = 745+91.07
PT STA = 773+44.61
RUNOFF = 135'
S.E. = 4.50%
S.E. TRANSITION = 195'

PI: 745+31.33
PI: 745+56.89
PC: 745+91.07
PC: 746+16.63
BEGINPROJECT 1440-13-71
STA 745+60.12 WB
CONCRETE PIPE COLLAR
754+84 36" CPCS
SKEW 1°
757+06 LT
24" CPCS FE
CAUTION
R/W LINE
SLOPE INTERCEPTS
767+11 LT
24" CPCS FE
767+06
24" CPRC III
772+56 2-24" CPRC III
CONCRETE PIPE COLLAR
STA BACK = 773+28.89
STA AHEAD = 773+44.61
PT: 773+44.61
NORTHBOUND
STH 23
DIVISION RD
OLD PLANK TRAIL
EXISTING R/W
754+84 48" CPRC III
SKEW 1°
767+09 RT
24" CPCS
767+09 RT
24" CPCS FE
CONCRETE PIPE COLLAR
772+56 RT
2-24" CPCS FE
PT: 773+44.61

VPC STA 745+70.89
VPC EL 1070.52
VPI STA 750+70.89
VPI EL 1061.80
VPT STA 755+70.89
VPT EL 1049.52
-2.46%
STA 754+84
1-36" CPCS (NORTH SIDE)
1-48" CPRC III REQ'D (SOUTH SIDE)
SKEW 1°
VCL = 1000.00
K = 1404.50
FINISHED PROFILE
ORIGINAL PROFILE
PIT RUN
VCL = 1300.00
K = 680.04
VPC STA 760+40.89
VPC EL 1037.97
VPI STA 766+90.89
VPI EL 1022.00
STA 772+50
2-24" CPRC III REQ'D
VPT STA 773+56.64
VPT EL 1018.46

745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775
1072.75	1071.76	1070.96	1070.01	1069.39	1068.21	1067.65	1066.34	1065.49	1064.40	1063.35	1062.38	1061.02	1060.30	1058.74	1058.14	1056.24	1055.91	1053.52	1053.61	1050.56	1051.24	1047.93	1048.80	1045.63	1046.34	1041.96	1043.89	1038.24	1041.43	1035.35	1038.97	1033.28	1036.54	1032.17	1034.25	1030.75	1032.10	1030.43	1030.09	1029.38	1028.24	1026.98	1026.53	1024.39	1024.97	1023.82	1023.56	1020.66	1022.29	1019.30	1021.17	1018.51	1020.20	1015.79	1019.37	1014.94	1018.52	1017.04	1018.22	1016.44	1017.67

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: STH 23 WESTBOUND	SHEET 154	E

WB 2
CURVE NOTES
PI STA = 792+90.77
Y = 186734.276
X = 104824.460
DELTA = 11°43'19"
D = 0°59'23"
T = 594.31'
L = 1184.47'
R = 5789.58'
PC STA = 786+96.46
PT STA = 798+80.93
RUNOFF = 99'
S.E. = 3.30%
S.E. TRANSITION = 159'

EB 2
CURVE NOTES
PI STA = 792+84.61
Y = 186682.861
X = 104855.994
DELTA = 11°43'19"
D = 1°00'00"
T = 588.15'
L = 1172.20'
R = 5729.58'
PC STA = 786+96.46
PT STA = 798+80.93
RUNOFF = 102'
S.E. = 3.40%
S.E. TRANSITION = 162'

EQUATION
STA BACK = 798+68.65
STA AHEAD = 798+80.93

VCL = 800.00
K = 1623.24

-0.55%

STA 778+00
1-24" CPRC III REQ'D

STA 784+60
2-48" CPRC III REQ'D

PIT RUN

FINISHED PROFILE

ORIGINAL PROFILE

VPC STA 792+96.64
VPC EL 1007.88

VPI STA 796+96.64
VPI EL 1005.70

VPT STA 800+96.64
VPT EL 1005.49

| | | |

SAW CUT REQ'D

55+00.62

PC: 54+10.14

EXISTING R/W

SUNRISE RD

819+00
36" CPRC III

809+50
2-54" CPRC III

812+20 LT
24" CPCS PE

CONCRETE PIPE COLLAR

807+00
24" CPRC III

R/W LINE

SLOPE INTERCEPTS

PC: 821+05.42

STA 821+54 STH 23 WB
STA 50+60 SUNRISE ROAD

824+82 LT
24" CPCS PE

831+00 LT
24" CPCS

833+77
24" CPCS

BP: 50+00.00

S.T.H. 23

OLD PLANK TRAIL

815+00 RT
24" CPCS

815+00
24" CPCS FE

820+34
24" CULVERT PIPE
TEMPORARY

820+90
24" CPRC III

821+54 STH 23 EB
STA 50+00 SUNRISE ROAD

824+66 RT
24" CPCS PE

824+66 RT
24" CPCS

833+73 RT
24" CPCS

833+73 RT
24" CPCS FE

CONCRETE PIPE COLLAR

WB 3
CURVE NOTES
PI STA = 830+45.68
Y = 188362.090
X = 108212.792
DELTA = 9°19'59"
D = 0°29'51"
T = 940.27'
L = 1876.38'
R = 11519.16'
PC STA = 821+05.42
PT STA = 839+81.79
RUNOFF = 60'
S.E. = 2.00%
S.E. TRANSITION = 120'

EB 3
CURVE NOTES
PI STA = 830+51.89
Y = 188310.693
X = 108244.364
DELTA = 9°26'36"
D = 0°30'00"
T = 946.47'
L = 1888.65'
R = 11459.16'
PC STA = 821+05.42
PT STA = 840+03.96
RUNOFF = 60'
S.E. = 2.00%
S.E. TRANSITION = 120'

FINISHED PROFILE

-0.05%

VPC STA 825+46.64
VPC EL 1004.21

VPI STA 829+46.64
VPI EL 1004.00

VPT STA 833+46.64
VPT EL 1001.80

STA 807+00
1-24" CPRC III REQ'D

MARSH

STA 809+50
2-54" CPRC III REQ'D

STA 819+00
1-36" CPRC III REQ'D

ORIGINAL PROFILE

PIT RUN

VCL = 800.00
K = 1610.59

805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835
999.28	1005.27	997.36	1005.23	997.51	1005.18	996.95	1005.12	996.18	1005.07	995.62	1005.02	998.64	1004.97	1002.16	1004.91	1000.87	1004.86	1003.18	1004.81	1003.84	1004.76	1004.70	1001.00	1004.65	1000.60	1004.60	994.67	1004.55	1003.06	1004.50	997.29	1004.44	997.48	1004.39	997.85	1004.34	997.69	1004.29	1000.60	1004.23	997.93	1004.17	999.47	1004.06	1000.18	1003.88	999.85	1003.64	1000.09	1003.33	1002.15	1002.97	999.75	1002.54	999.49	1002.05	999.33	1001.51	999.18	1000.96	1000.88

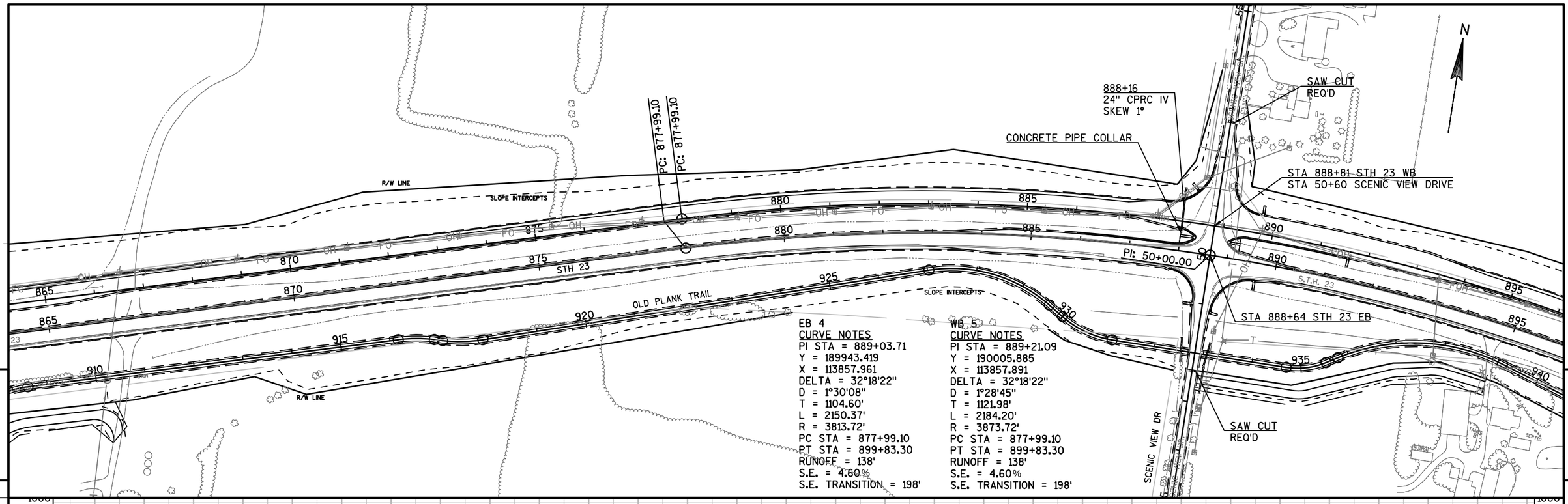
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: STH 23 WESTBOUND	SHEET 156 E

WB 4
CURVE NOTES
PI STA = 839+92.88
Y = 188629.540
X = 109125.776
DELTA = 0°06'37"
D = 0°29'51"
T = 11.08'
L = 22.16'
R = 11519.16'
PC STA = 839+81.79
PT STA = 840+03.96
RUNOFF = 60'
S.E. = 2.00%
S.E. TRANSITION = 120'

PC: 839+81.79
PT: 840+03.96
840+05 LT
24" CPCS PE
840+23
24" CPRC III
848+71
60" CPRC III
SKEW 5°
861+30 LT
36" CPCS FE
861+30
42" CPCS
862+49
42" CPRC III
863+00
24" CPRC III
STA 861+32 STH WB
STA 861+26 STH 23 EB
EP: 50+00.00
EXISTING R/W
R/W LINE
SLOPE INTERCEPTS
S.T.H. 23
OLD PLANK TRAIL
PC: 47+66.22
PT: 49+39.88
CONCRETE PIPE COLLAR
841+40 RT
24" CPCS PE
841+40 RT
24" CPCS
PT: 840+03.96
EQUATION
STA BACK = 839+94.07
STA AHEAD = 840+03.96
SPRING VALLEY DR
BP: 46+45.41
GUY POLE
SAW CUT
REQ'D
RUINS
N

VCL = 1600.00
K = 502.63
VPC STA 846+96.64
VPC EL 994.39
VPI STA 854+96.64
VPI EL 990.00
VPT STA 862+96.64
VPT EL 1011.07
FINISHED
PROFILE
-0.55%
PIT RUN
STA 848+71
1-60" CPRC III REQ'D
SKEW 14°
MARSH
ORIGINAL
PROFILE
STA 863+00
1-24" CPRC III REQ'D
STA 862+50
1-42" CPRC III REQ'D
SKEW 20°

| | | |



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: STH 23 WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\MAINLINE\050101_PP.DWG PLOT DATE : 12/15/2014 12:47 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

WB 6
CURVE NOTES
PI STA = 912+24.40
Y = 189351.003
X = 116128.415
DELTA = 4°53'10"
D = 0°30'09"
T = 486.35'
L = 972.11'
R = 11399.16'
PC STA = 907+38.05
PT STA = 917+15.27
RUNOFF = 60'
S.E. = 2.00%
S.E. TRANSITION = 120'

EB 5
CURVE NOTES
PI STA = 912+26.96
Y = 189292.643
X = 116114.247
DELTA = 4°53'10"
D = 0°30'00"
T = 488.91'
L = 977.23'
R = 11459.16'
PC STA = 907+38.05
PT STA = 917+15.27
RUNOFF = 60'
S.E. = 2.00%
S.E. TRANSITION = 120'

PI: 55+39.81
PT: 51+95.67'
PC: 50+87.28
BP: 50+00.00
EQUATION
STA BACK = 917+10.16
STA AHEAD = 917+15.27
PT: 917+15.27
PT: 899+83.30
PT: 899+83.30
EQUATION
STA BACK = 899+49.47
STA AHEAD = 899+83.30
PC: 907+38.05
PC: 907+38.05
SAW CUT REQ'D
SAW CUT REQ'D
STA 914+88 STH 23 WB
STA 50+60 CTH T NORTH
STA 914+88 STH 23 EB
904+00
30" CPRC III
904+83
2-42" CPRC III
906+00
48" CPRC III
911+00 LT
24" CPCS PE
913+52
24" CPRC III
919+03
24" CPRC III
901+45
24" CPRC III
908+33
24" CPCS FE
908+33
24" CPCS
CONCRETE PIPE PLUGS
CONCRETE PIPE COLLAR
CONCRETE PIPE COLLAR
CONCRETE PIPE COLLAR
R/W LINE
SLOPE INTERCEPTS
EXISTING R/W
OLD PLANK TRAIL
S.T.H. 23
CTH "T"
RIPRAP
SEPTIC
TANK
SIGN
CITY

VCL = 1400.00
K = 606.12
-2.93%
VCL = 3000.00
K = 538.70
VCL = 1000.00
K = 863.31
-0.63%
VPT STA 899+76.64
VPT EL 1024.48
VPC STA 900+76.64
VPC EL 1021.54
VPI STA 907+76.64
VPI EL 1001.00
VPT STA 914+76.64
VPT EL 996.62
VPC STA 922+01.75
VPC EL 992.12
STA 904+00
1-30" CPRC III REQ'D
STA 904+83
2-42" CPRC III REQ'D
SKEW 20°
STA 906+00
1-48" CPRC III REQ'D
STA 913+52
1-24" CPRC III REQ'D
STA 919+03
1-24" CPRC III REQ'D
PIT RUN
PIT RUN
ORIGINAL PROFILE
FINISHED PROFILE

895	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925
1030.81	1036.03	1029.45	1027.07	1031.89	1025.53	1029.37	1022.71	1026.67	1017.00	1023.79	1008.83	1020.86	1006.52	1018.05	1002.86	1015.40	1000.39	1012.92	998.38	1010.60	999.12	1008.44	1011.74	1006.45	1014.36	1004.63	1012.30	1002.97	1006.48	1001.48	1001.21	1000.15	996.26	998.99	994.17	997.99	992.98	997.15	994.74	996.48	991.91	995.85	990.63	995.23	989.41	989.69	994.64	988.20	994.01	992.54	993.39	986.76	992.76	985.66	992.14	984.80	991.57	983.59	991.11	982.82	990.78	990.72

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: STH 23 WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\MAINLINE\050101_PP.DWG
PLOT DATE : 12/15/2014 12:47 PM
PLOT BY : MAY, MATTHEW J
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

WB 7
CURVE NOTES
PI STA = 948+96.14
Y = 188638.521
X = 119725.750
DELTA = 5°16'56"
D = 0°29'51"
T = 531.38'
L = 1062.00'
R = 11519.16'
PC STA = 943+64.76
PT STA = 954+26.76
RUNOFF = 60'
S.E. = 2.00%
S.E. TRANSITION = 120'

EB 6
CURVE NOTES
PI STA = 948+93.37
Y = 188580.202
X = 119711.378
DELTA = 5°16'56"
D = 0°30'00"
T = 528.61'
L = 1056.47'
R = 11459.16'
PC STA = 943+64.76
PT STA = 954+26.76
RUNOFF = 60'
S.E. = 2.00%
S.E. TRANSITION = 120'

928+72
24" CPRC III
SKEW 11°

932+92 LT
24" CPCS PE

936+37 LT
36" CPRC III

937+91 LT
24" CPCS FE

942+00 LT
24" CPCS FE

PC: 943+64.76

PC: 943+64.76

SAW CUT REQ'D

952+58 LT
24" CPCS PE

PT: 954+26.76

PT: 954+26.76

R/W LINE

EXISTING R/W

SLOPE INTERCEPTS

S.T.H. 23

STH 23

STA 954+42 STH 23 EB

EP: 50+00.00

PT: 49+33.50

OLD PLANK TRAIL

R/W LINE

SLOPE INTERCEPTS

932+60
24" CPRC III

CONCRETE PIPE COLLAR

944+35
24" CPRC III

PLANK RD

PT: 47+77.68

EQUATION
STA BACK = 954+26.76
STA AHEAD = 954+26.76

VCL = 1000.00
K = 863.31

VPI STA 927+01.75
VPI EL 989.00

VPT STA 932+01.75
VPT EL 991.67

VPC STA 934+01.75
VPC EL 992.73

VPI STA 948+01.75
VPI EL 1000.20

FINISHED PROFILE

ORIGINAL PROFILE

0.53%

STA 928+72
1-24" CPRC III REQ'D
SKEW 11°

STA 936+37
1-36" CPRC III REQ'D

PIT RUN

PIT RUN

VCL = 2800.00
K = 2159.83

| | | |

EP: 55+99.99

SUGARBUSH

SAW CUT REQ'D

STA 970+07 STH 23 WB
STA 50+62 SUGARBUSH ROAD

967+00
24" CPRC III

978+00
30" CPRC III

PC: 50+80

R/W LINE

SLOPE INTERCEPTS

GUY POLE

955 960 965 970 975 980 985

S.T.H. 23

PT: 50+00.00

EXISTING R/W

SAW CUT REQ'D

PC: 47+78.00

STA 970+25 STH 23 EB

PT: 48+33.74

SAW CUT REQ'D

PC: 46+99.95

PT: 47+71.78

PLANK RD

PT: 49+05.

MULLET R.

N

5

5

ORIGINAL PROFILE

VPT STA 962+01.75
VPT EL 989.52

VCL = 1200.00
K = 620.43

FINISHED PROFILE

-0.76%

PIT RUN

STA 967+00
1-24" CPRC III REQ'D

PIT RUN

VPC STA 970+71.75
VPC EL 982.88

VCL = 2800.00
K = 2159.83

FOUNDRY SAND

VPI STA 976+71.75
VPI EL 978.30

STA 978+00
1-30" CPRC III REQ'D

VPT STA 982+71.75
VPT EL 985.33

1050 1040 1030 1020 1010 1000 990 980 970 960 950

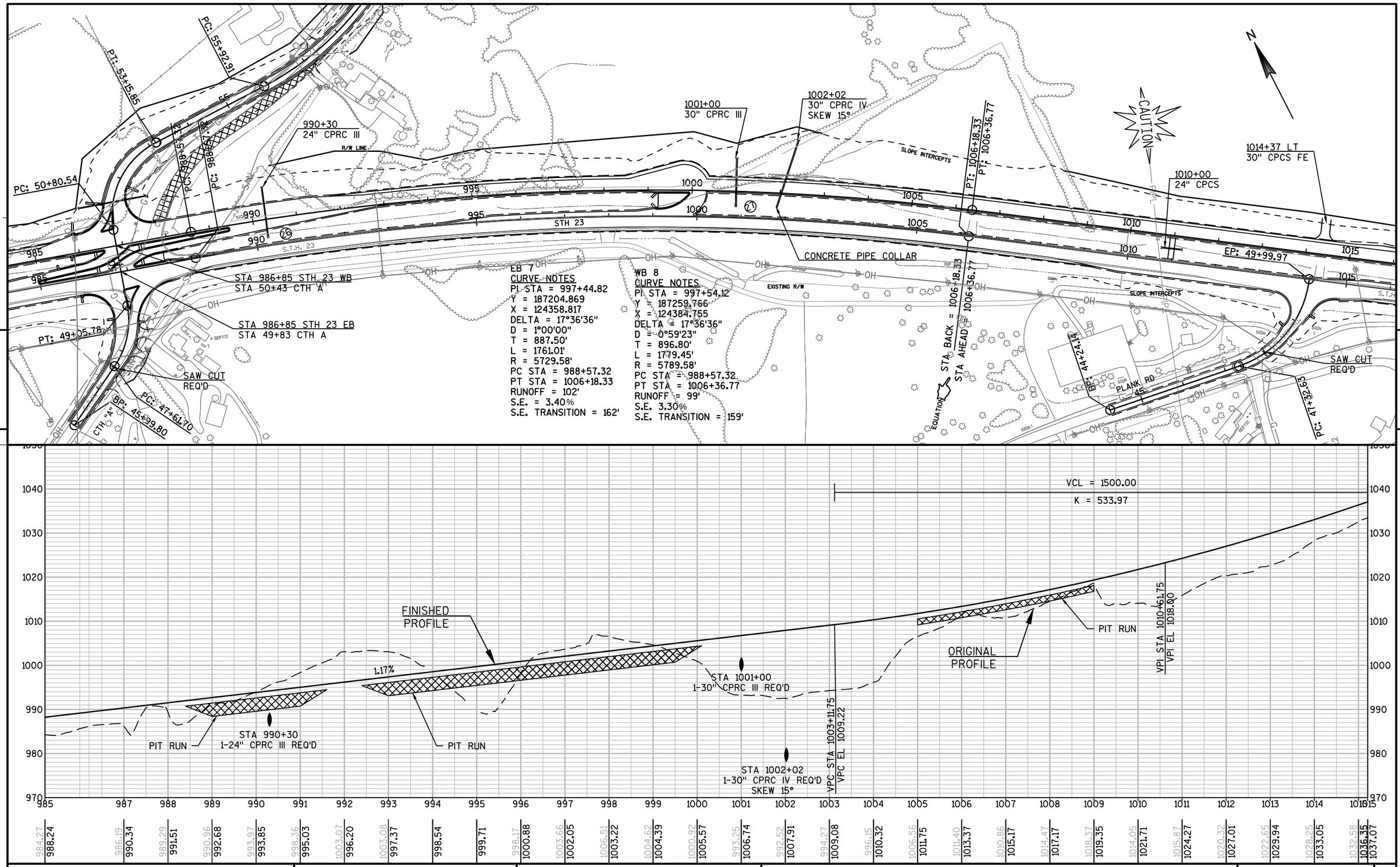
955 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985

995.88 993.64 996.82 992.76 995.31 992.21 995.57 991.61 995.20 990.96 994.68 990.27 994.07 989.53 993.45 988.77 992.82 988.00 992.31 987.24 990.98 986.48 988.28 985.72 985.52 984.95 982.58 984.19 982.09 983.43 975.43 982.67 972.52 982.03 969.49 981.56 969.83 981.24 968.59 981.09 967.93 981.10 966.09 981.27 964.65 981.60 964.48 982.09 968.21 982.74 970.54 983.55 970.71 984.53 979.90 985.66 981.23 986.83 984.19 988.00 988.24

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: STH 23 WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\MAINLINE\050101_PP.DWG PLOT DATE : 12/15/2014 12:49 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: STH 23 WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\MAINLINE\050101_PP.DWG PLOT DATE : 12/15/2014 12:49 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

1019+55
24" CPCS

1019+07
24" CPRC III

1025+24
24" CPRC III
SKEW 42°

STA 1031+01.96 STH 23 WB

PC: 50+83.62

PC: 1028+99.16

PT: 51+18.93

SAW CUT
REQ'D

1032+00
24" CPRC III

EP: 53+78.12

BP: 50+00.00

SLOPE INTERCEPTS

R/W LINE

EXISTING R/W

STA 1031+01.50 STH EB

BP: 0+00.00

PC: 0+78.93

SAW CUT
REQ'D

PT: 2+62.35

EP: 16+41.21

PT: 15+60.75

PC: 14+30.17

PT: 13+66.11

PT: 6+17.75

JULIE CT

S.T.H. 23

STH 23

RIP RAP

RUINS

WB 9
CURVE NOTES
PI STA = 1039+04.05
Y = 184925.503
X = 127833.048
DELTA = 10°04'33"
D = 0°30'09"
T = 1004.89'
L = 2004.60'
R = 11399.16'
PC STA = 1028+99.16
PT STA = 1049+03.76
RUNOFF = 60'
S.E. TRANSITION = 2.00%
S.E. TRANSITION = 120'

EB 8
CURVE NOTES
PI STA = 1039+09.34
Y = 184872.852
X = 127803.794
DELTA = 10°04'33"
D = 0°30'00"
T = 1010.18'
L = 2015.15'
R = 11459.16'
PC STA = 1028+99.16
PT STA = 1049+14.31
RUNOFF = 60'
S.E. = 2.00%
S.E. TRANSITION = 120'

VCL = 1500.00
K = 533.97

VPT STA 1018+11.75
VPT EL 1047.85

FINISHED
PROFILE

ORIGINAL
PROFILE

PIT RUN

3.98%

STA 1025+24
1-24" CPRC III REQ'D
SKEW 42°

STA 1032+00
1-24" CPRC III REQ'D

1033.48	1037.07	1043.90	1043.52	1047.61	1047.39	1048.60	1051.36	1051.29	1055.34	1054.16	1059.32	1057.28	1063.31	1060.40	1067.29	1067.10	1071.27	1083.14	1075.25	1065.60	1079.23	1089.24	1083.21	1093.97	1087.19	1096.61	1091.17	1096.45	1095.15	1097.16	1099.13	1096.02	1103.11	1095.23	1106.95

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: STH 23 WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\MAINLINE\050101_PP.DWG PLOT DATE : 12/15/2014 12:50 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WB 9
CURVE NOTES
PI STA = 1039+04.05
Y = 184925.503
X = 127833.048
DELTA = 10°04'33"
D = 0°30'09"
T = 1004.89'
L = 2004.60'
R = 11399.16'
PC STA = 1028+99.16
PT STA = 1049+03.76
RUNOFF = 60'
S.E. TRANSITION = 2.00%
S.E. TRANSITION = 120'

EB 8
CURVE NOTES
PI STA = 1039+09.34
Y = 184872.852
X = 127803.794
DELTA = 10°04'33"
D = 0°30'00"
T = 1010.18'
L = 2015.15'
R = 11459.16'
PC STA = 1028+99.16
PT STA = 1049+14.31
RUNOFF = 60'
S.E. = 2.00%
S.E. TRANSITION = 120'

EQUATION
STA BACK = 1049+03.76
STA AHEAD = 1049+14.31

1034+53
30" CPRC IV
SKEW 20°

1053+00
24" CPRC III

1052+61 LT
24" CPCS FE

1056+00
42" CPRC III

1058+86
24" CPCS FE

STA 1058+12.62 STH 23 WB

STA 1058+38 STH 23 EB
STA 49+34 RIDGE ROAD

CONCRETE PIPE COLLAR

CONCRETE PIPE COLLAR

SAW CUT REQ'D

SAW CUT REQ'D

SAW CUT REQ'D

SAW CUT REQ'D

EP: 53+78.12
PI: 50+00.00
PT: 2+62.35
PC: 6+17.75
EP: 16+41.21
PT: 15+60.75
PT: 13+66.11
PC: 14+30.77
PT: 1049+14.31
PI: 55+44.
PI: 54+58.17
PI: 53+86.40
PI: 53+48.78
PI: 52+37.54
PI: 51+17.89
PI: 50+00.00
PI: 47+52.23
BP: 46+68.90

R/W LINE
SLOPE INTERCEPTS
RIP RAP
S.T.H. 23
STH 23
JULIE CT
EXISTING R/W
SLOPE INTERCEPTS
GUY POLE
RIDGE RD
RUINS
OH
T
Comment2

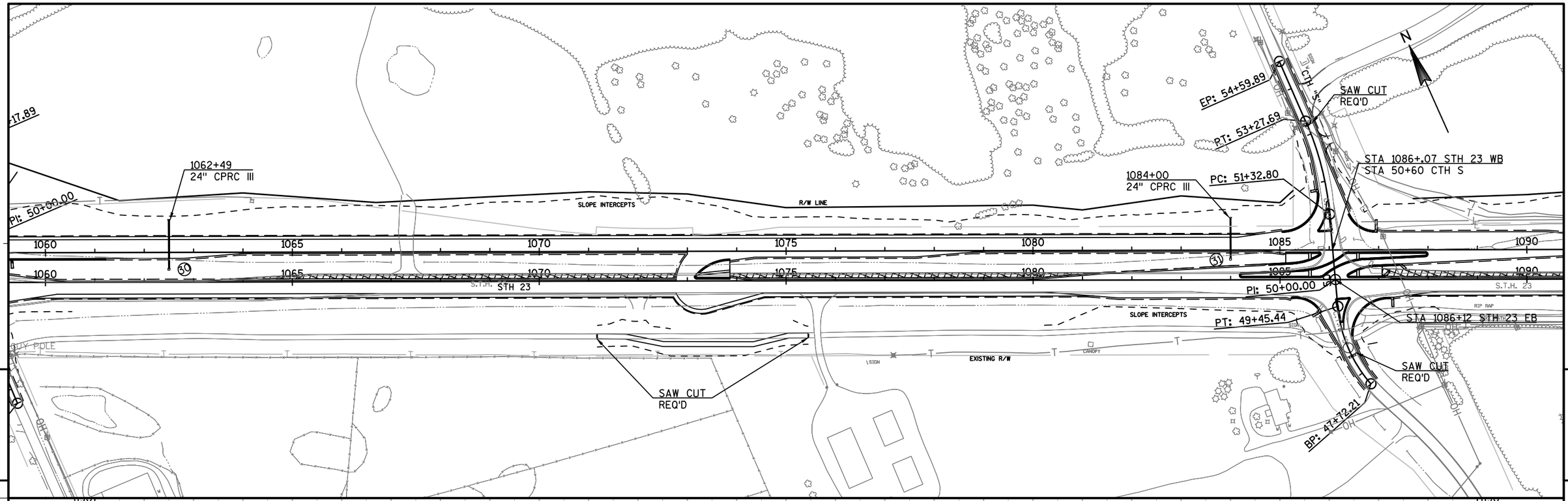
ORIGINAL PROFILE
FINISHED PROFILE
0.38%

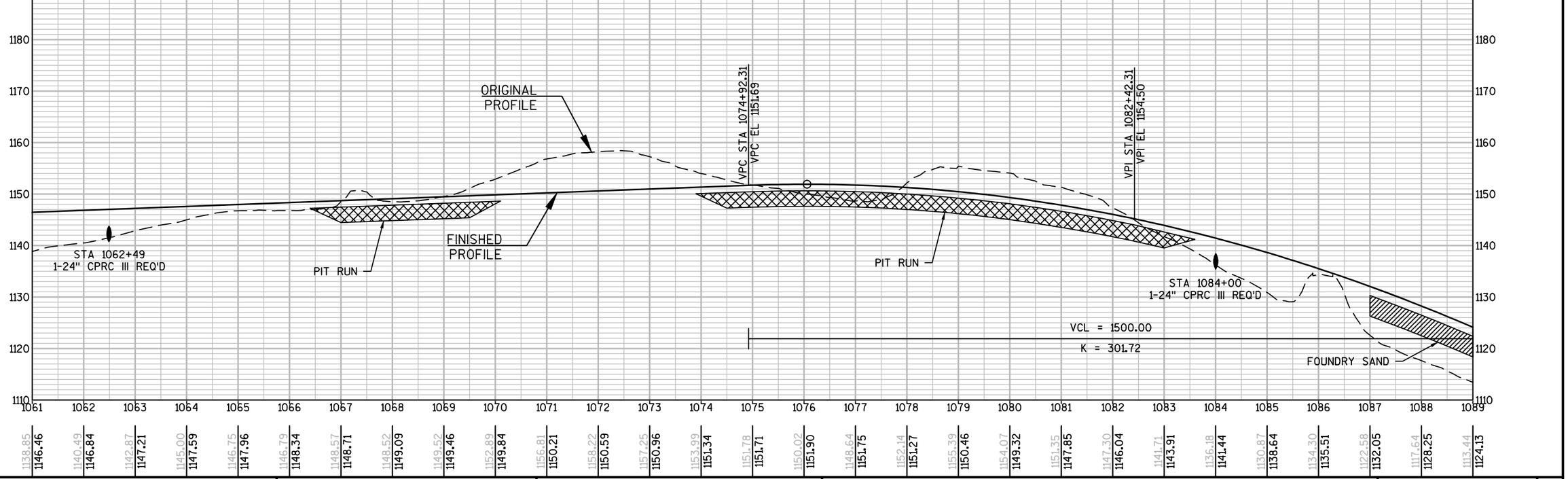
VPC STA 1035+51.75
VPC EL 1117.11
VPI STA 1041+01.75
VPI EL 1139.00
VPT STA 1046+51.75
VPT EL 1141.06
VCL = 1100.00
K = 305.14
PIT RUN
FOUNDRY SAND
STA 1034+53
1-30" CPRC IV REQ'D
SKEW 20°
STA 1053+00
1-24" CPRC III REQ'D
STA 1056+00
1-42" CPRC III REQ'D

1095.23	1100.66	1097.65	1101.98	1106.13	1109.82	1113.08	1123.25	1138.03	1145.41	1130.86	1127.34	1148.98	1150.87	1146.55	1146.11	1049+14.31	1147.03	1139.89	1138.09	1135.32	1132.60	1131.91	1132.04	1132.20	1144.00	1134.84	1135.93	1138.85
1106.95	1111.07	1115.05	1118.99	1122.65	1125.98	1128.98	1131.66	1134.00	1136.02	1137.72	1139.08	1140.12	1140.83	1141.25	1141.62	1142.00	1142.33	1142.71	1143.08	1143.46	1143.83	1144.21	1144.58	1144.96	1145.33	1145.71	1146.08	1146.46

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: STH 23 WESTBOUND	SHEET E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\MAINLINE\050101_PP.DWG PLOT DATE : 12/15/2014 12:50 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

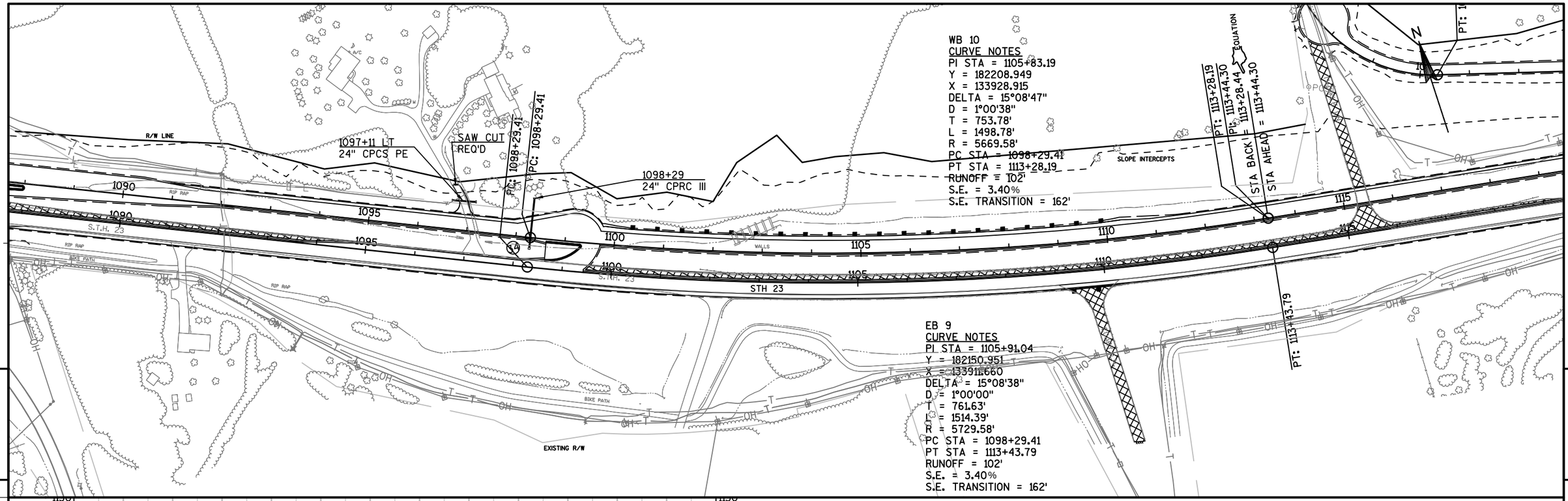




PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: STH 23 WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\MAINLINE\050101_PP.DWG PLOT DATE : 12/15/2014 12:51 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



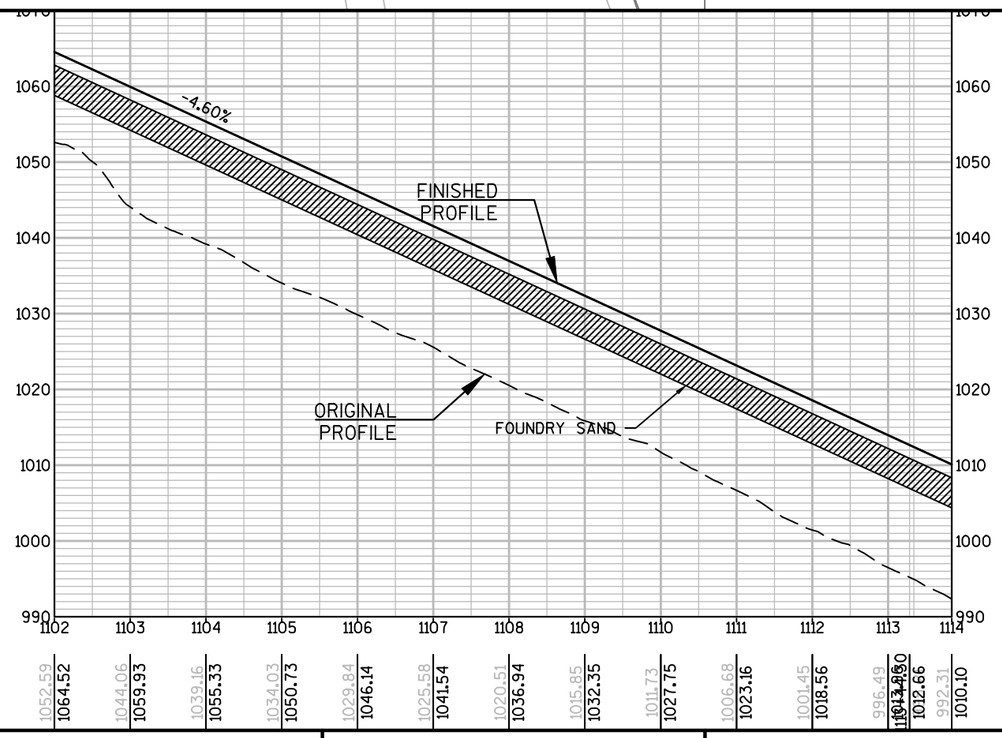
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: STH 23 WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\MAINLINE\050101_PP.DWG PLOT DATE : 12/15/2014 12:52 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

WB 10
CURVE NOTES
PI STA = 1105+83.19
Y = 182208.949
X = 133928.915
DELTA = 15°08'47"
D = 1°00'38"
T = 753.78'
L = 1498.78'
R = 5669.58'
PC STA = 1098+29.41
PT STA = 1113+28.19
RUNOFF = 102'
S.E. = 3.40%
S.E. TRANSITION = 162'

EB 9
CURVE NOTES
PI STA = 1105+91.04
Y = 182150.951
X = 133911.560
DELTA = 15°08'38"
D = 1°00'00"
T = 761.63'
L = 1514.39'
R = 5729.58'
PC STA = 1098+29.41
PT STA = 1113+43.79
RUNOFF = 102'
S.E. = 3.40%
S.E. TRANSITION = 162'

PT: 1113+28.19
PI: 1113+44.30
STA BACK = 1113+28.44 EQUATION
STA AHEAD = 1113+44.30
PT: 1113+43.79
PC: 6+46.27
PT: 10+35.13
PC: 19+28.80
PT: 21+96.03
R/W LINE
SLOPE INTERCEPTS
STEEL PLATE BEAM GUARD CLASS A
SAW CUT REQ'D
EXISTING R/W
STH 23
S.T.H 23
BIKE PATH
WALLS



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: STH 23 WESTBOUND	SHEET	E

PC: 6+46.21

PT: 10+35.13

R/W LINE

SAW CUT REQ'D

PC: 19+28.80

PT: 21+96.03

PI: 25+40.00

PI: 29+86.20

PI: 33+35.87

EP: 35+00.66

PT: 1113+28.19

PI: 1113+44.30

EQUATION

STA BACK = 1113+28.44

STA AHEAD = 1113+44.30

SLOPE INTERCEPTS

PT: 1113+43.79

S.T.H 23

STH 23

EXISTING R/W

BIKE PATH

CTH "P"

PI: 1142+79.51

PIONEER RD

END PROJECT 1440-13-71
STA 1137+51.15

VCL = 1200.00

K = 434.73

FINISHED PROFILE

FOUNDRY SAND

ORIGINAL PROFILE

VPC STA 1118+08.17
VPC EL 991.34

VPI STA 1124+08.17
VPI EL 963.76

VPT STA 1130+08.17
VPT EL 952.75

VCL = 1000.00

K = 642.76

VPC STA 1138+08.17
VPC EL 938.06

-1.84%

992.31	998.15	987.93	979.27	976.37
1010.10	1005.50	1000.90	996.31	991.71

975.20	972.39	970.18	970.65	970.14	967.70	964.61	961.28	958.80	957.22	955.08	953.07	951.40	949.53	947.68	945.81	944.02	942.16	940.33	938.49	929.88	929.18
987.21	982.94	978.90	975.09	971.51	968.16	965.04	962.15	959.49	957.07	954.87	952.90	951.06	949.22	947.39	945.55	943.72	941.88	940.04	938.21	936.44	934.82

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: STH 23 WESTBOUND	SHEET E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\MAINLINE\050101_PP.DWG PLOT DATE : 12/15/2014 12:53 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

TRAIL 2 CURVE NOTES
PI STA = 792+29.37
Y = 184620.926
X = 101115.787
DELTA = 22°17'22"
D = 11°27'33"
T = 98.50'
L = 194.51'
R = 500.00'
PC STA = 791+30.87
PI STA = 793+25.38

TRAIL 5 CURVE NOTES
PI STA = 808+29.05
Y = 184988.945
X = 102651.579
DELTA = 11°15'41"
D = 5°43'46"
T = 98.59'
L = 196.55'
R = 1000.00'
PC STA = 807+30.45
PT STA = 809+27.00

TRAIL 1 CURVE NOTES
PI STA = 788+77.78
Y = 184529.017
X = 100776.290
DELTA = 14°20'28"
D = 57°17'45"
T = 12.58'
L = 25.03'
R = 100.00'
PC STA = 788+65.20
PT STA = 788+90.23

TRAIL 3 CURVE NOTES
PI STA = 793+88.27
Y = 184600.862
X = 101275.929
DELTA = 9°24'00"
D = 19°05'55"
T = 24.66'
L = 49.22'
R = 300.00'
PC STA = 793+63.61
PT STA = 794+12.83

797+58
48" CPRC III
SKEW 6°

TRAIL 4 CURVE NOTES
PI STA = 797+28.73
Y = 184614.283
X = 101616.237
DELTA = 17°38'07"
D = 19°05'55"
T = 46.54'
L = 92.34'
R = 300.00'
PC STA = 796+82.20
PT STA = 797+74.54

815+96
2-24" CPRC III
SKEW 4°

TRAIL 6 CURVE NOTES
PI STA = 816+43.05
Y = 185410.404
X = 103348.723
DELTA = 7°23'13"
D = 11°27'33"
T = 32.28'
L = 64.46'
R = 500.00'
PC STA = 816+10.77
PT STA = 816+75.24

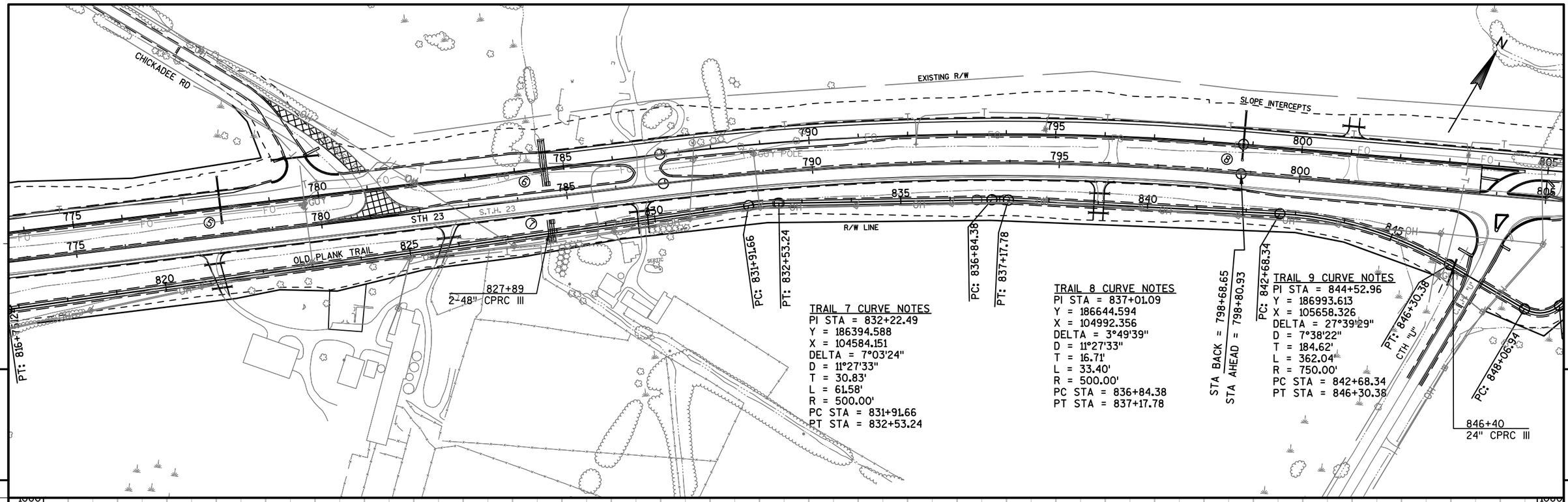
DIVISION RD
DIVISION RD
DIVISION
R/W LINE
SLOPE INTERCEPTS
STH 23
OLD PLANK TRAIL
EXISTING R/W
STA BACK = 773+28.8
STA AHEAD = 773+4
N

VCL = 471.72
K = 169.65
VCL = 400.00
K = 77.94
VCL = 200.00
K = 103.41
VCL = 400.00
K = 22767.37
VCL = 200.00
K = 888.89
VCL = 400.00
K = 301.89

STA 797+58
1-48" CPRC III REQ'D
SKEW 6°
STA 815+96
2-24" CPRC III REQ'D
SKEW 4°

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: OLD PLANK TRAIL	SHEET	E

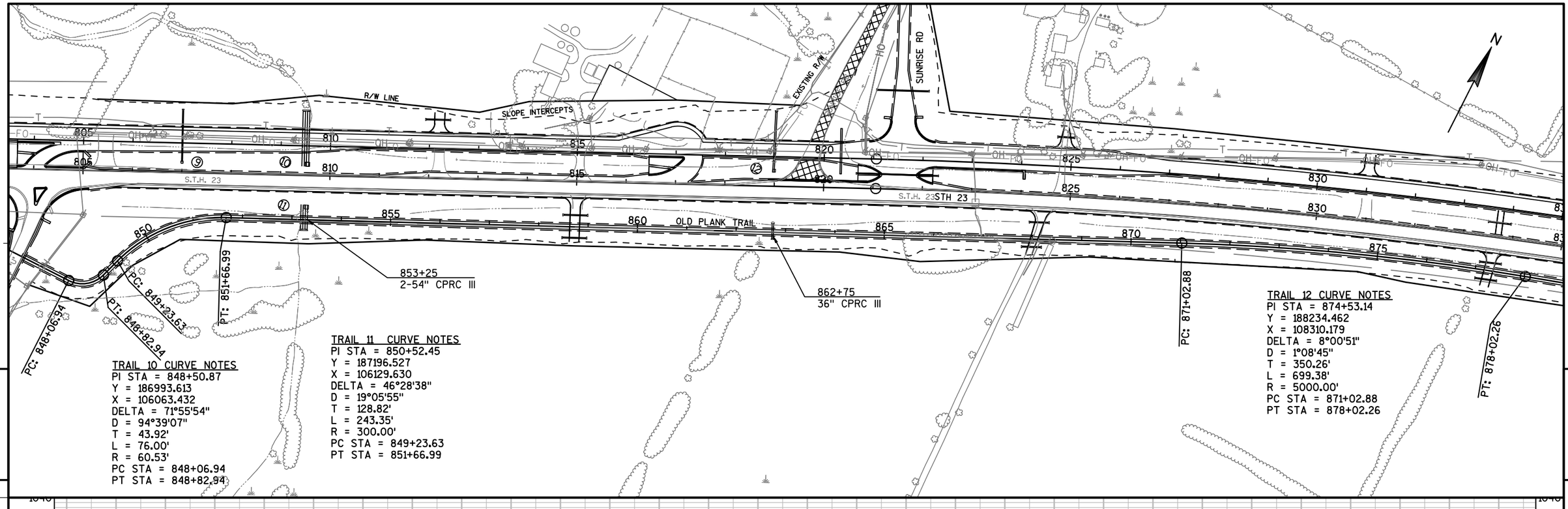
FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\OLD PLANK TRAIL\OLDPLANKTRAIL_PP.DWG
PLOT DATE : 12/1/2014 8:09 AM
PLOT BY : MAY, MATTHEW J
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: OLD PLANK TRAIL	SHEET 170	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\OLD PLANK TRAIL\OLDPLANKTRAIL_PP.DWG PLOT DATE : 12/1/2014 8:10 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

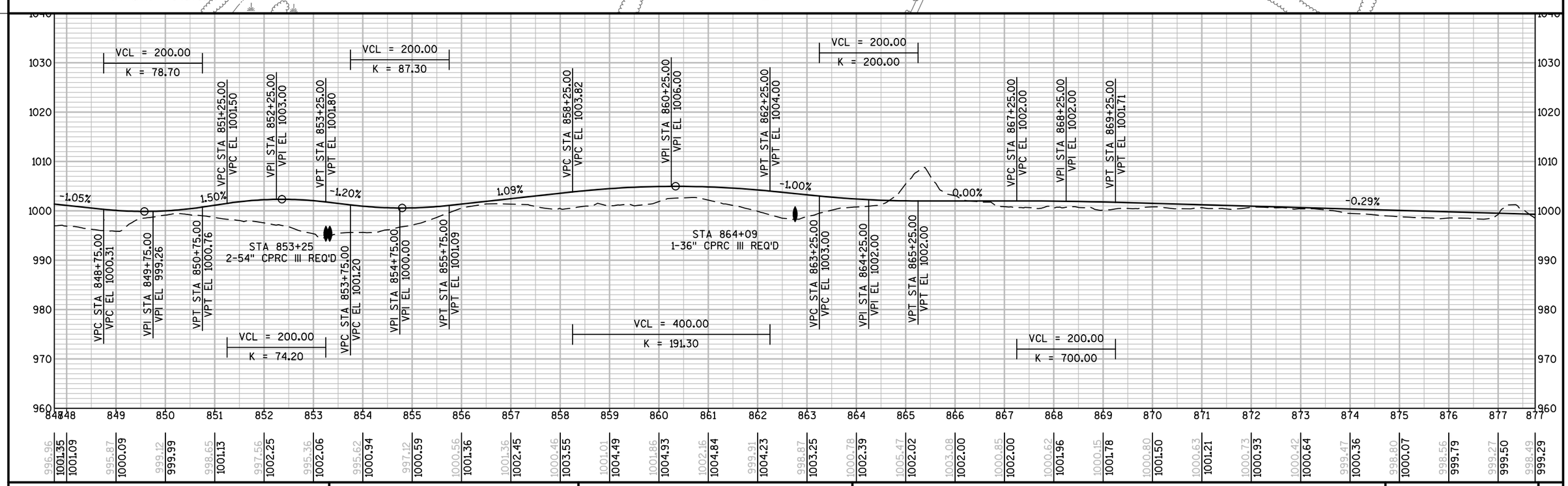
WISDOT/CADDS SHEET 44



TRAIL 10 CURVE NOTES
PI STA = 848+50.87
Y = 186993.613
X = 106063.432
DELTA = 71°55'54"
D = 94°39'07"
T = 43.92'
L = 76.00'
R = 60.53'
PC STA = 848+06.94
PT STA = 848+82.94

TRAIL 11 CURVE NOTES
PI STA = 850+52.45
Y = 187196.527
X = 106129.630
DELTA = 46°28'38"
D = 19°05'55"
T = 128.82'
L = 243.35'
R = 300.00'
PC STA = 849+23.63
PT STA = 851+66.99

TRAIL 12 CURVE NOTES
PI STA = 874+53.14
Y = 188234.462
X = 108310.179
DELTA = 8°00'51"
D = 1°08'45"
T = 350.26'
L = 699.38'
R = 5000.00'
PC STA = 871+02.88
PT STA = 878+02.26

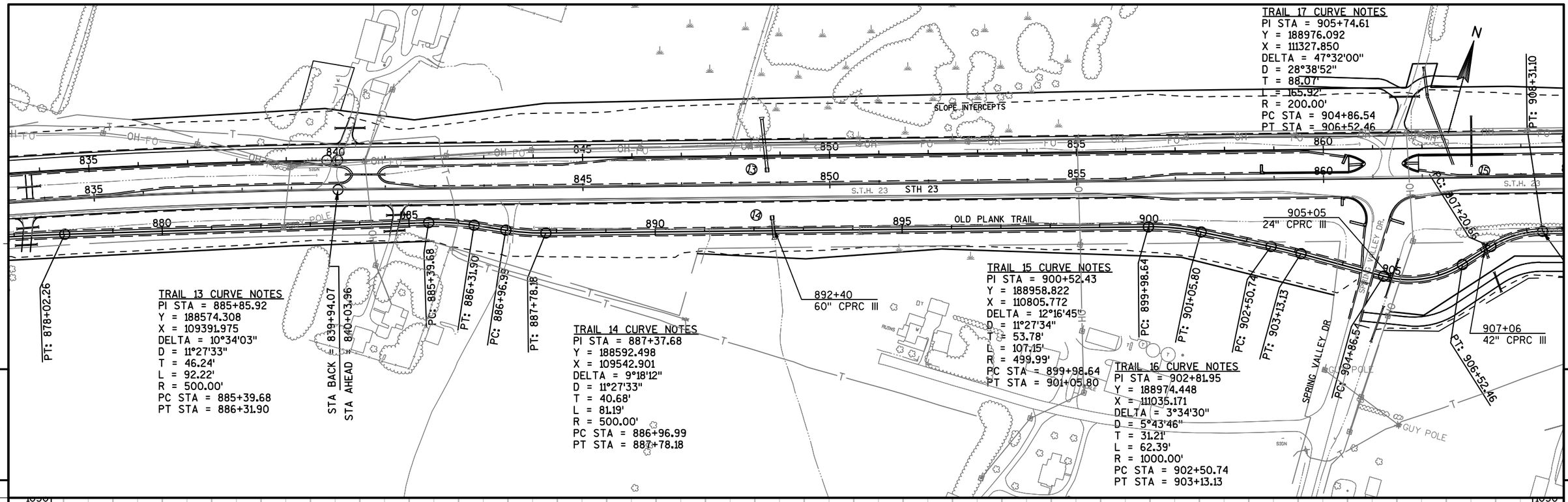


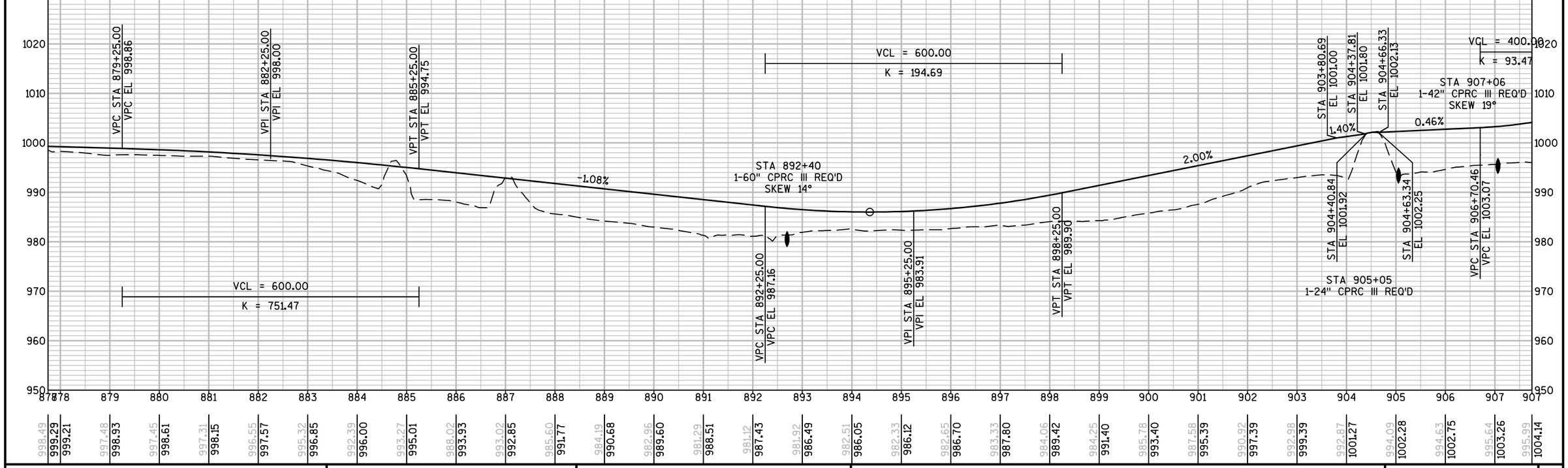
996.96	1001.35	1001.09	995.87	1000.09
999.12	999.99	998.65	1001.13	997.56
1002.25	995.36	1002.06	995.62	1000.94
997.12	1000.59	1000.56	1001.36	1001.36
1002.45	1000.46	1003.55	1001.01	1004.49
1001.86	1004.93	1002.16	1004.84	999.91
1004.23	998.87	1003.25	1000.78	1002.39
1005.47	1002.02	1003.08	1002.00	1000.85
1002.00	1000.62	1001.96	1000.15	1001.78
1000.80	1001.50	1000.63	1001.21	1000.73
1000.93	1000.42	1000.64	999.47	1000.36
998.80	1000.07	998.56	999.79	999.27
999.50	998.49	999.29		

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: OLD PLANK TRAIL	SHEET 171 E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\OLD PLANK TRAIL\OLDPLANKTRAIL_PP.DWG PLOT DATE : 12/1/2014 8:10 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: OLD PLANK TRAIL	SHEET 172	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\OLD PLANK TRAIL\OLDPLANKTRAIL_PP.DWG PLOT DATE : 12/1/2014 8:11 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

TRAIL 18 CURVE NOTES
PI STA = 907+77.33
Y = 189133.975
X = 111470.732
DELTA = 31°38'17"
D = 28°38'54"
T = 56.67'
L = 110.44'
R = 200.00'
PC STA = 907+20.66
PT STA = 908+31.10

TRAIL 19 CURVE NOTES
PI STA = 916+53.45
Y = 189371.216
X = 112286.409
DELTA = 13°59'13"
D = 19°05'55"
T = 36.80'
L = 73.24'
R = 300.00'
PC STA = 916+16.64
PT STA = 916+89.88

TRAIL 20 CURVE NOTES
PI STA = 917+48.00
Y = 189374.910
X = 112381.258
DELTA = 15°36'52"
D = 19°05'55"
T = 41.13'
L = 81.76'
R = 300.00'
PC STA = 917+06.87
PT STA = 917+88.62

TRAIL 21 CURVE NOTES
PI STA = 928+42.88
Y = 189710.579
X = 113423.950
DELTA = 50°04'35"
D = 19°05'55"
T = 140.14'
L = 262.20'
R = 300.00'
PC STA = 927+02.74
PT STA = 929+64.94

TRAIL 22 CURVE NOTES
PI STA = 930+58.17
Y = 189586.119
X = 113621.346
DELTA = 32°13'54"
D = 28°38'52"
T = 57.79'
L = 112.51'
R = 200.00'
PC STA = 930+00.38
PT STA = 931+12.89

TRAIL 23 CURVE NOTES
PI STA = 935+12.02
Y = 189586.119
X = 114078.268
DELTA = 31°28'54"
D = 38°11'50"
T = 42.28'
L = 82.42'
R = 150.00'
PC STA = 934+69.75
PT STA = 935+52.16

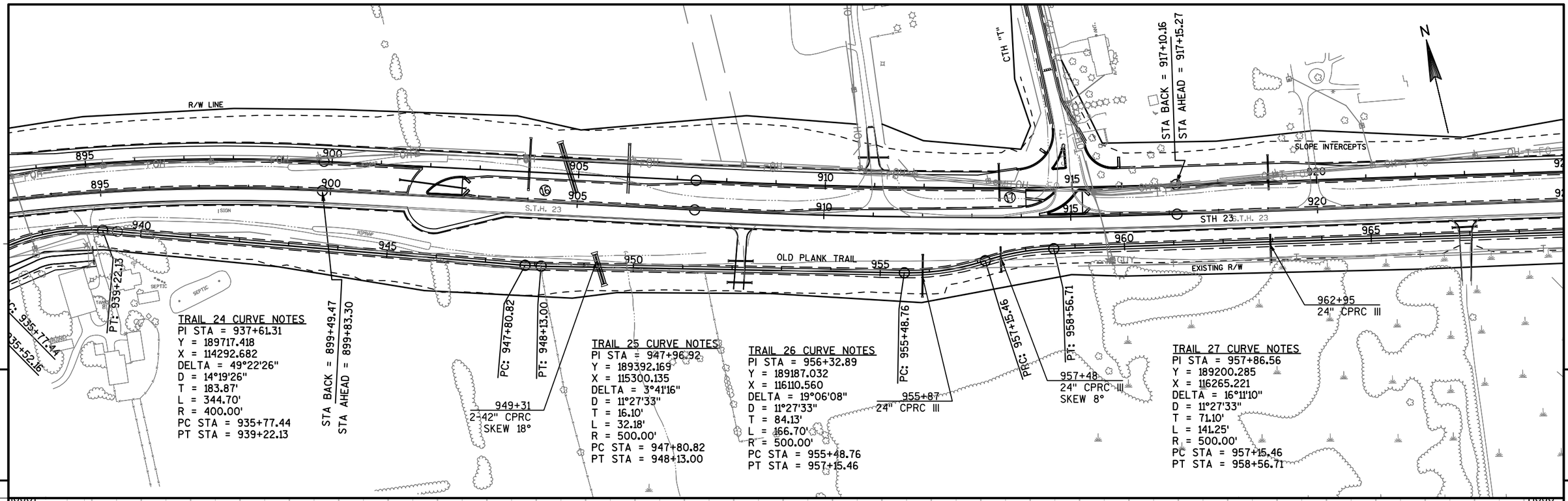
R/W LINE
SLOPE INTERCEPTS
STH 23
S.T.H. 23
EXISTING R/W
SCENIC VIEW DR
932+54
24" CPRC III
SKEW 5°
933+07
24" CPRC III
SKEW 8°
PT: 906+52.46
PT: 908+31.10
STA BACK = 908+31.12
STA AHEAD = 908+60.66
PC: 916+16.64
PT: 916+89.88
PC: 917+06.87
PT: 917+88.62
PC: 927+02.74
PT: 929+64.94
PC: 930+00.38
PT: 931+12.89
PC: 934+69.75
PT: 935+52.16
PC: 935+71.44
PT: 939+22.17

VCL = 400.00
K = 93.47
VPI STA 909+00.00
VPI EL 1004.00
VPT STA 911+00.00
VPT EL 1013.49
4.74%
VPC STA 915+71.80
VPC EL 1035.86
VPI STA 919+52.89
VPI EL 1053.94
VCL = 762.18
K = 135.36
VPT STA 923+33.98
VPT EL 1050.56
-0.89%
VPC STA 932+17.06
VPC EL 1042.72
VPT STA 932+36.87
VPT EL 1042.51
STA 932+71.88
EL 1042.24
STA 932+93.30
EL 1042.23
VCL = 200.00
K = 202.02
STA 933+07
1-24" CPRC III REQ'D
SKEW 8°
-1.21%
-1.23%
-0.24%
STA 932+54
1-24" CPRC III
REQ'D
SKEW 5°
VPI STA 932+26.97
VPI EL 1042.63
STA 932+68.87
EL 1042.12
STA 932+96.50
EL 1042.11
VCL = 19.82
K = 81.43
VPC STA 934+97.66
VPC EL 1039.62
VPI STA 935+97.66
VPI EL 1038.39
VPT STA 936+97.66
VPT EL 1038.15

907	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937
995.99	1004.14	908+60.66 1005.20	1006.14	1002.87	1009.28	1014.79	1013.49	1018.06	1018.23	1022.46	1022.97	1028.59	1027.72	1044.42	1032.46	1053.39	1037.17	1057.35	1041.34	1057.06	1044.76	1056.24	1047.45	1052.98	1049.40	1050.37	1050.61	1048.95	1051.08	1045.73	1050.82	1046.78	1049.97	1047.20	1049.08	1047.06	1048.19	1045.66	1047.31	1045.60	1046.42	1046.71	1045.53	1047.17	1044.64	1042.93	1043.76	1041.51	1042.87	1041.85	1042.06	1040.07	1040.83	1039.27	1039.60	1040.37	1038.62	1037.42	1038.14	1034.76	1037.93

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: OLD PLANK TRAIL	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\OLD PLANK TRAIL\OLDPLANKTRAIL_PP.DWG
PLOT DATE : 12/1/2014 8:11 AM
PLOT BY : MAY, MATTHEW J
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: OLD PLANK TRAIL	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\OLD PLANK TRAIL\OLDPLANKTRAIL_PP.DWG PLOT DATE : 12/1/2014 8:12 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

TRAIL 28 CURVE NOTES
PI STA = 976+36.11
Y = 188838.056
X = 118079.919
DELTA = 16°08'15"
D = 11°27'33"
T = 70.88'
L = 140.83'
R = 500.00'
PC STA = 975+65.22
PT STA = 977+06.05

EXISTING R/W
SLOPE INTERCEPTS
STH 23
OLD PLANK TRAIL
R/W LINE
TANKS
SIGN
SEPTIC
FOUND

972+95
24" CPRC III
SKEW 15°

PC: 975+65.22

PRC: 977+06.05

PT: 978+41.73

PI: 979+18.41

980+34
36" CPRC III

982+96
24" CPRC III

TRAIL 29 CURVE NOTES
PI STA = 977+74.31
Y = 188773.967
X = 118203.423
DELTA = 15°32'53"
D = 11°27'33"
T = 68.26'
L = 135.68'
R = 500.00'
PC STA = 977+06.05
PT STA = 978+41.73

STA BACK = 954+21.23
STA AHEAD = 954+26.76

VCL = 400.00
K = 315.15

VPT STA 976+54.54
VPT EL 988.54

VPC STA 980+04.54
VPC EL 991.23

VPI STA 981+04.54
VPI EL 992.00

VPT STA 982+04.54
VPT EL 989.43

VCL = 200.00
K = 30.43

VPC STA 983+54.54
VPC EL 985.57

VPI STA 984+54.54
VPI EL 983.00

VPT STA 985+54.54
VPT EL 987.00

VPT STA 993+54.54
VPT EL 1004.58

VCL = 80.50
K = 21.69

VPC STA 997+14.29
VPC EL 993.02

STA 972+95
1-24" CPRC III REQ'D
SKEW 15°

VPC STA 972+54.54
VPC EL 988.00

VPI STA 974+54.54
VPI EL 987.00

0.77%

STA 980+34
1-36" CPRC III REQ'D

-2.57%

STA 982+96
1-24" CPRC III REQ'D

4.00%

VPC STA 989+54.54
VPC EL 1003.00

VPI STA 991+54.54
VPI EL 1011.00

-3.21%

VCL = 400.00
K = 55.46

VCL = 200.00
K = 59.87

VPI STA 997+54.54
VPI EL 991.73

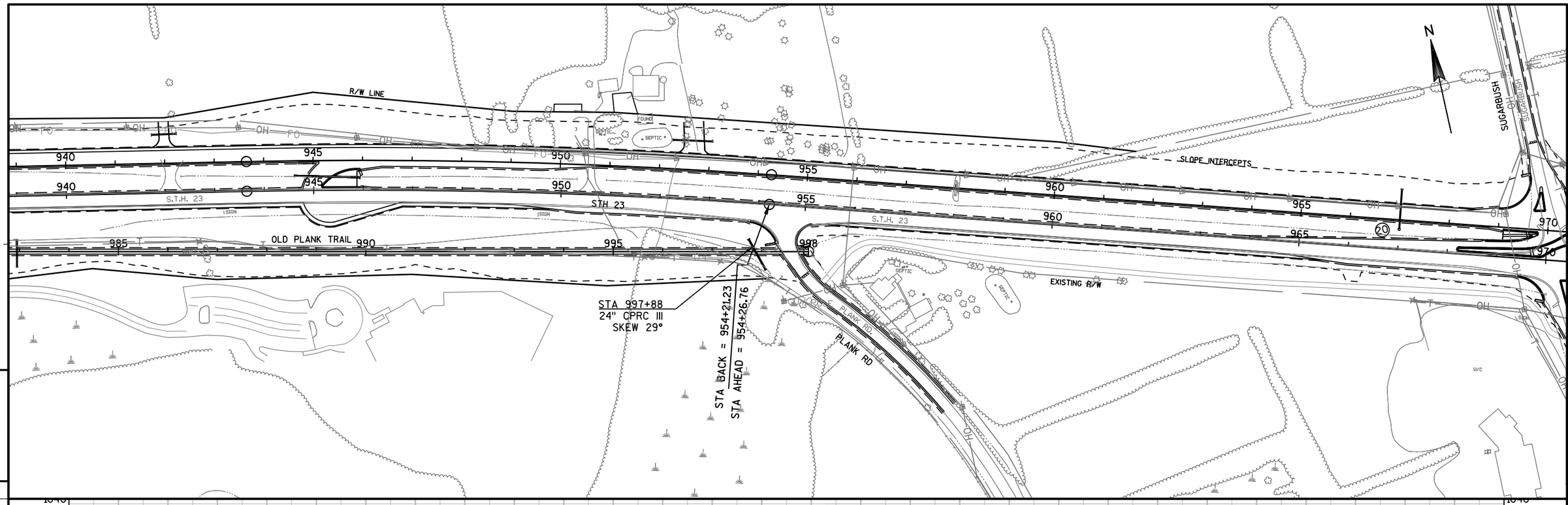
VPT STA 997+94.79
VPT EL 991.93

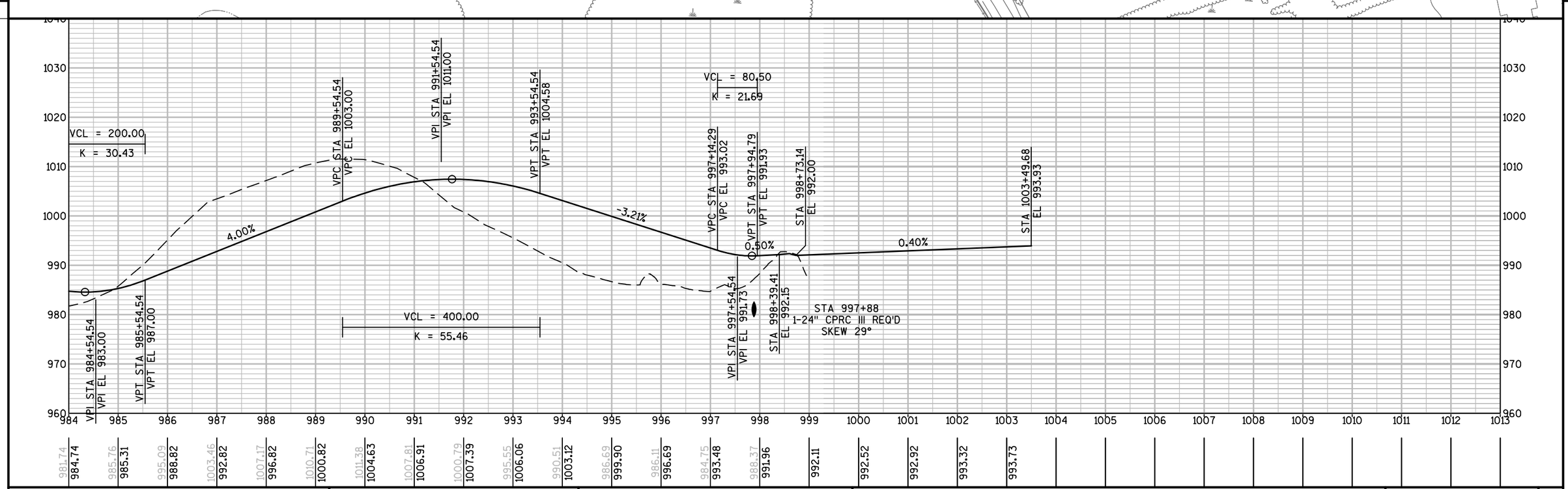
984.26 990.22	984.18 989.77	983.97 989.27	983.75 988.77	983.25 988.27
983.25 987.81	983.57 987.61	983.76 987.73	984.03 988.17	989.49 988.89
987.36 989.66	985.51 990.43	983.02 991.20	980.77 991.20	979.72 989.54
980.28 986.97	981.74 984.74	985.76 985.31	995.09 988.82	1003.46 992.82
1007.17 996.82	1010.71 1000.82	1011.38 1004.63	1007.81 1006.91	1000.79 1007.39
995.55 1006.06	990.51 1003.12	986.69 999.90	986.11 996.69	984.75 993.48
988.37 991.96	992.01			

968	969	970	971	972
973	974	975	976	977
978	979	980	981	982
983	984	985	986	987
988	989	990	991	992
993	994	995	996	997
998				

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: OLD PLANK TRAIL	SHEET 175 E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\OLD PLANK TRAIL\OLDPLANKTRAIL_PP.DWG
PLOT DATE : 12/1/2014 8:12 AM
PLOT BY : MAY, MATTHEW J
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

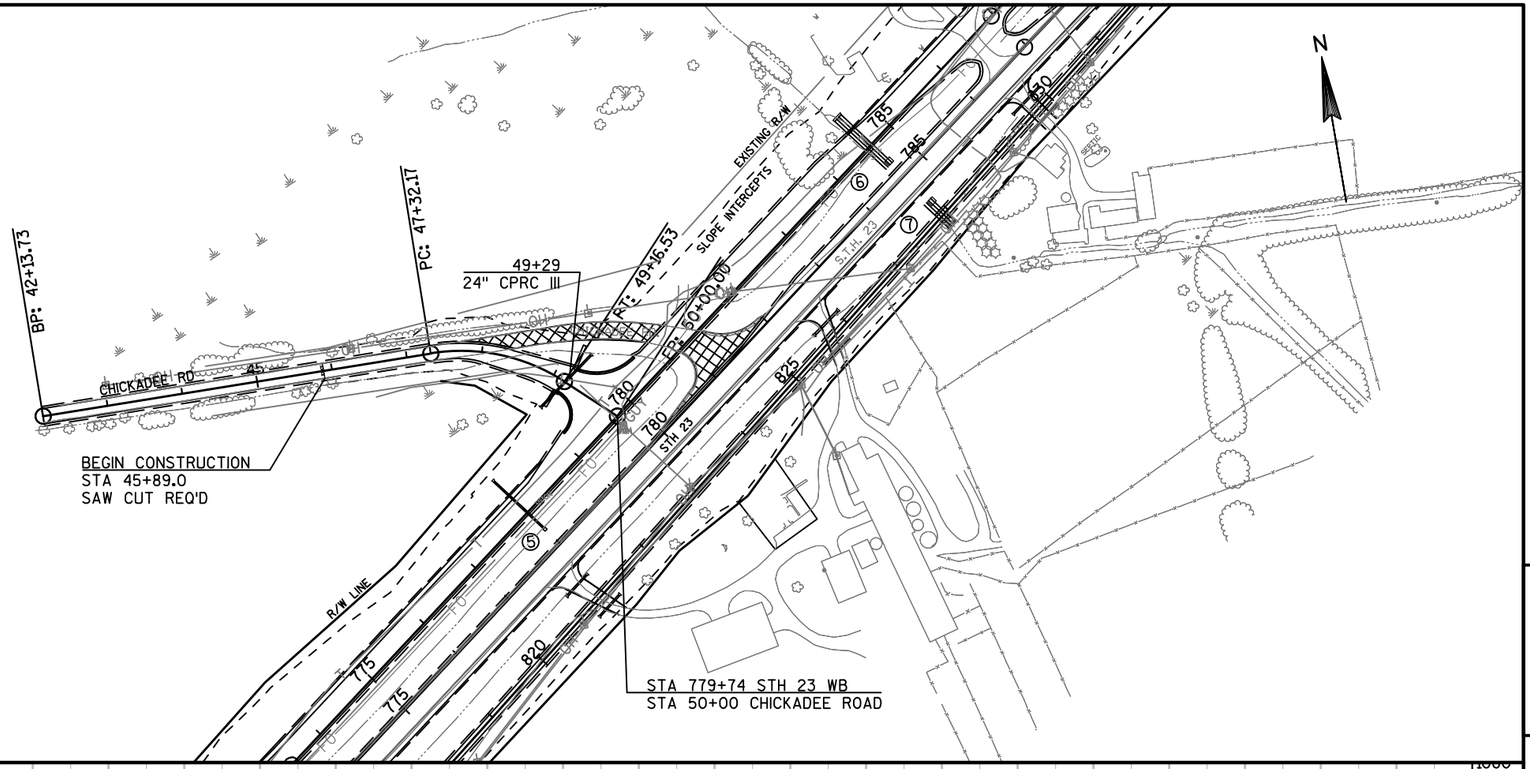


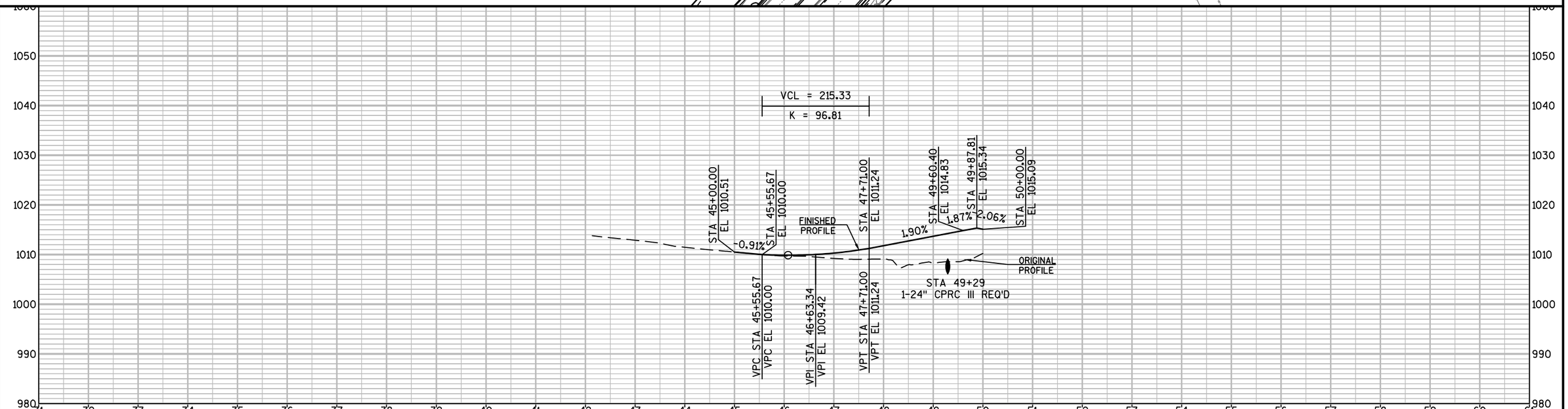


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: OLD PLANK TRAIL	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\OLD PLANK TRAIL\OLDPLANKTRAIL_PP.DWG PLOT DATE : 12/1/2014 8:13 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

CHICKADEE CURVE NOTES
PI STA = 48+28.77
Y = 186056.774
X = 103645.676
DELTA = 42°15'06"
D = 22°55'06"
T = 96.60'
L = 184.36'
R = 250.00'
PC STA = 47+32.17
PT STA = 49+16.53
RUNOFF = 67'
S.E. = 3.9%
S.E. TRANSITION = 101'

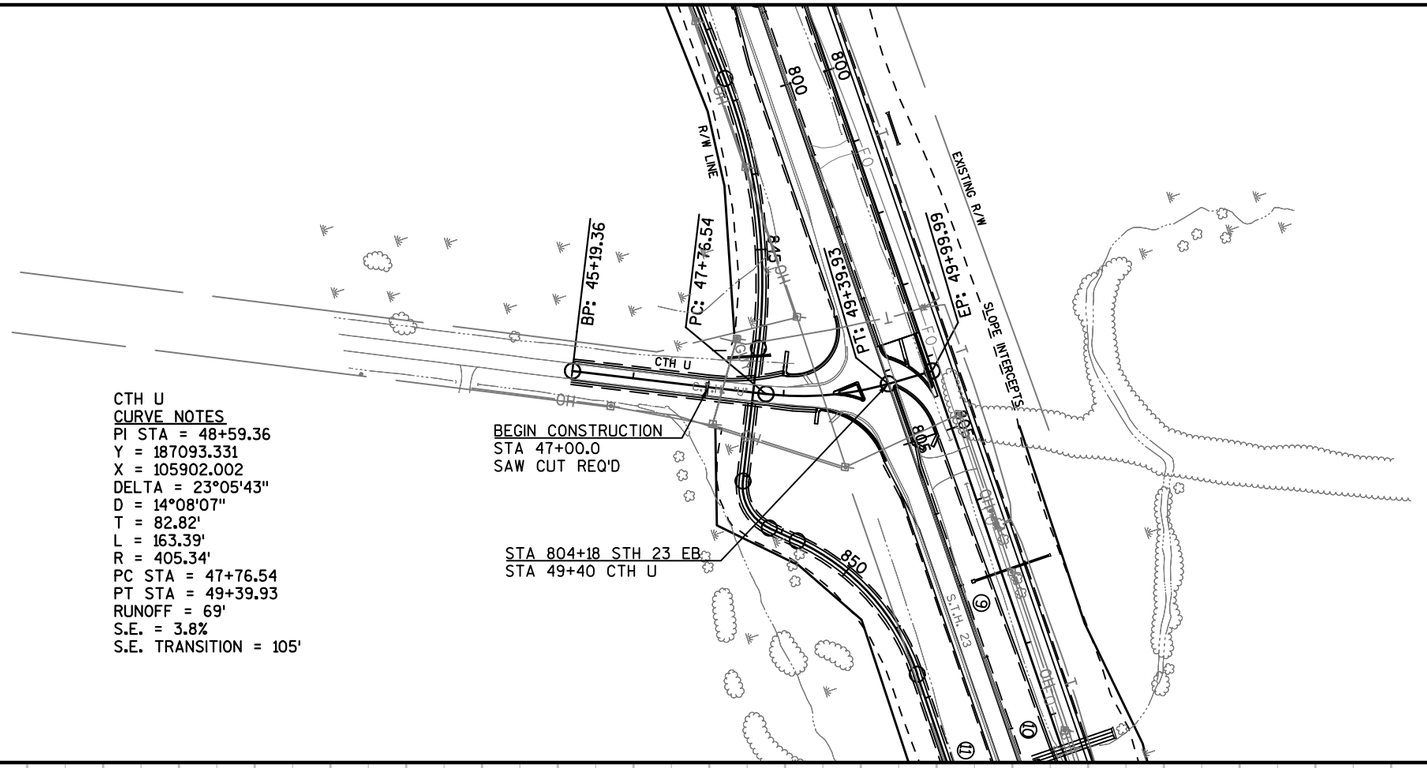




PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: CHICKADEE ROAD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\CHICKADEE\CHICKADEE_PP.DWG PLOT DATE : 10/2/2014 10:26 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

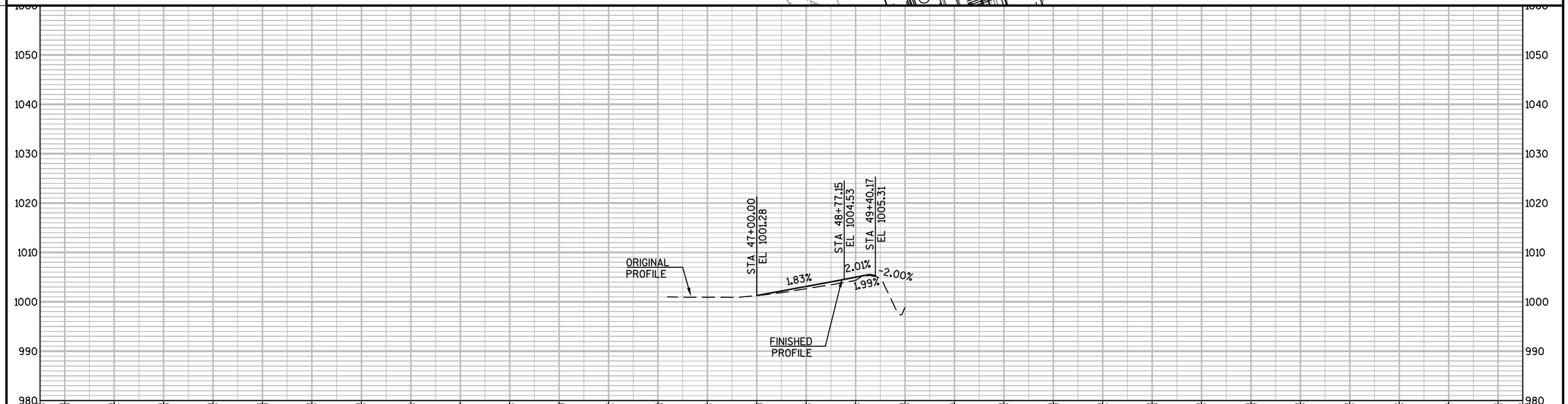
WISDOT/CADDS SHEET 44



CTH U
CURVE NOTES
PI STA = 48+59.36
Y = 187093.331
X = 105902.002
DELTA = 23°05'43"
D = 14°08'07"
T = 82.82'
L = 163.39'
R = 405.34'
PC STA = 47+76.54
PT STA = 49+39.93
RUNOFF = 69'
S.E. = 3.8%
S.E. TRANSITION = 105'

BEGIN CONSTRUCTION
STA 47+00.0
SAW CUT REQ'D

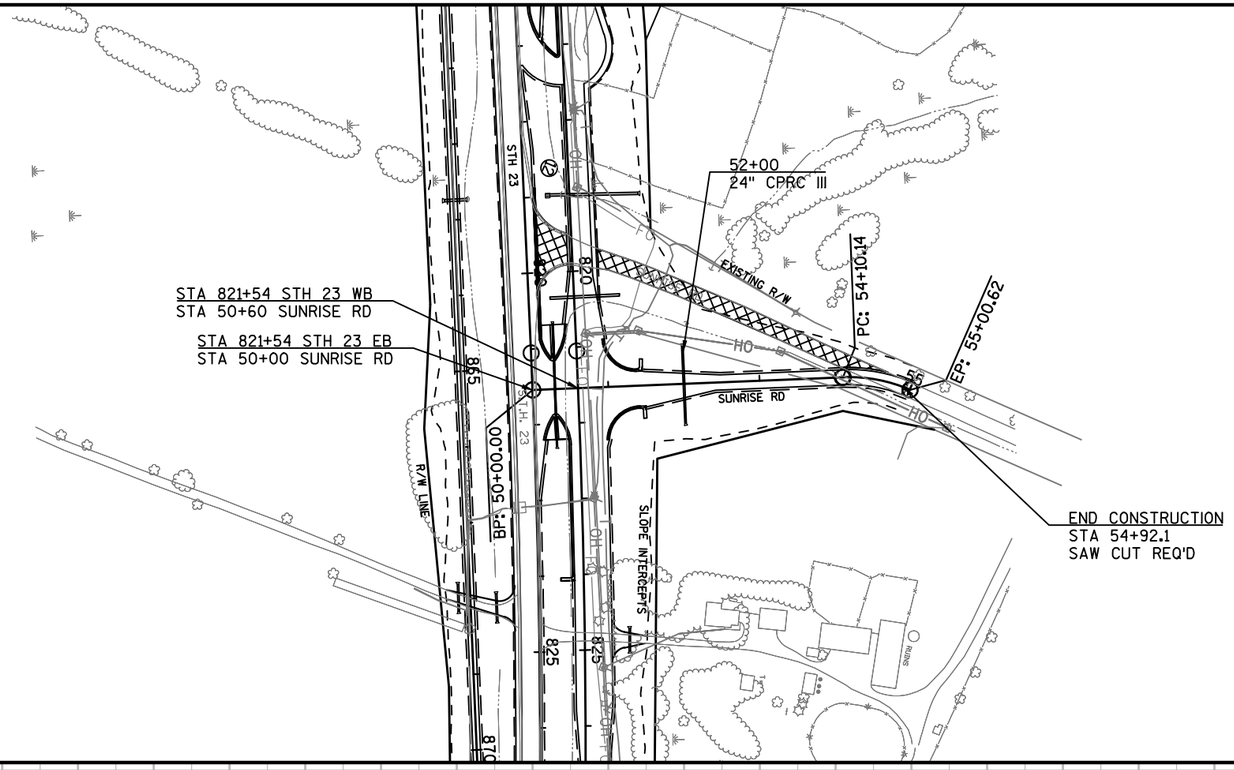
STA 804+18 STH 23 EB
STA 49+40 CTH U

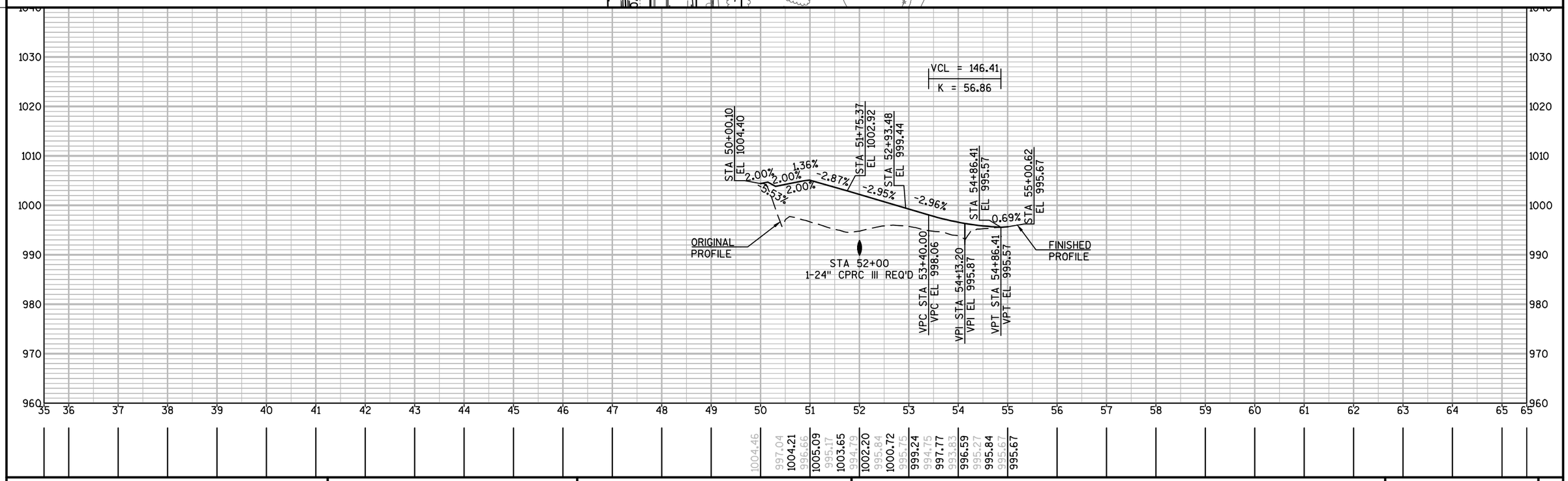


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: CTH U	SHEET	E

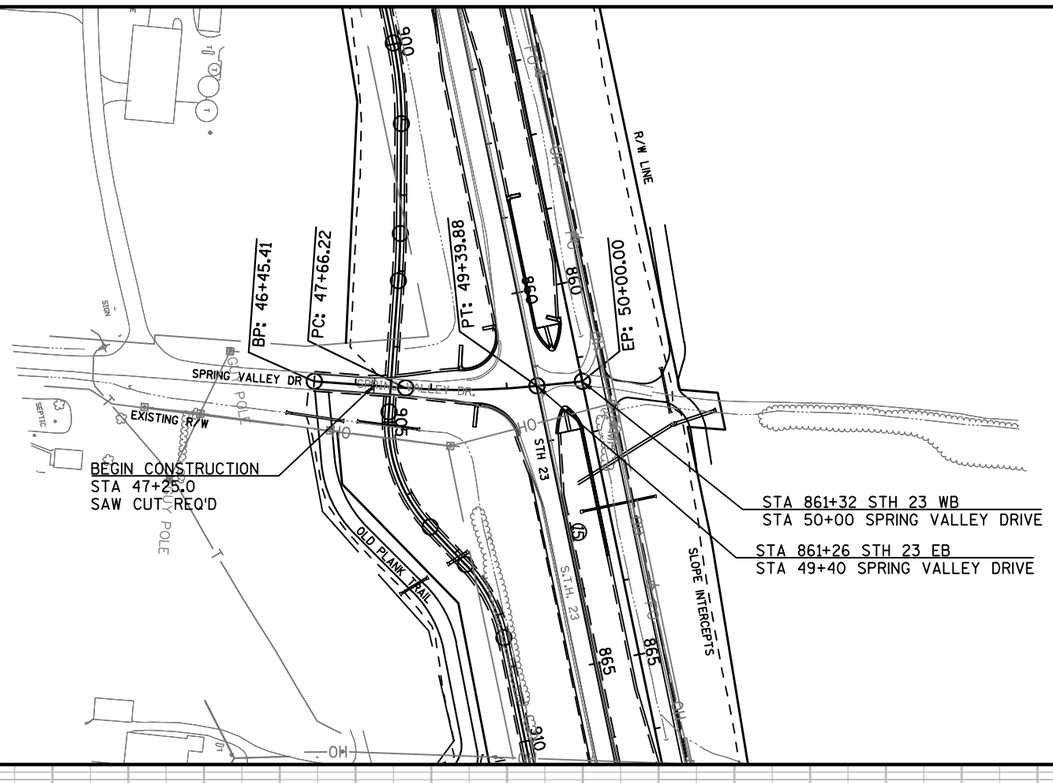
FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\CTH U\CTH U_PP.DWG PLOT DATE : 10/2/2014 10:39 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



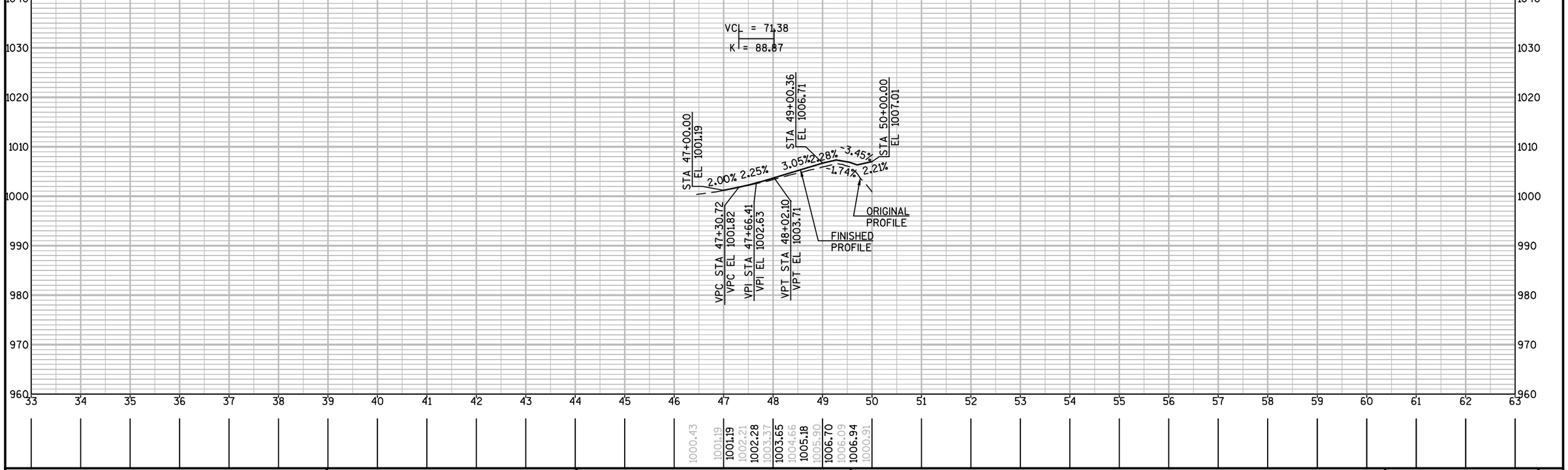


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: SUNRISE ROAD	SHEET 179 E

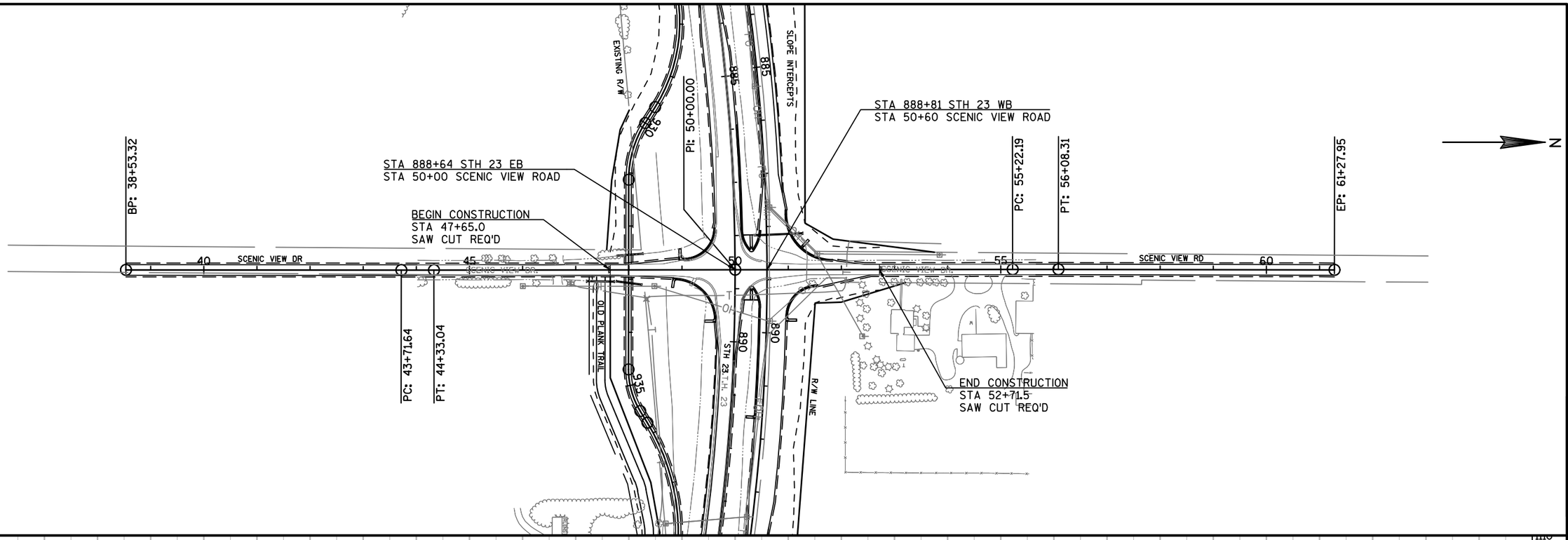


SPRING VALLEY
CURVE NOTES
PI STA = 48+53.27
Y = 189082.140
X = 111205.969
DELTA = 9°54'13"
D = 5°42'11"
T = 87.04'
L = 173.66'
R = 1004.64'
PC STA = 47+66.22
PT STA = 49+39.88
RUNOFF = 41'
S.E. = 2.4%
S.E. TRANSITION = 75'

N



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: SPRING VALLEY ROAD	SHEET 180	E

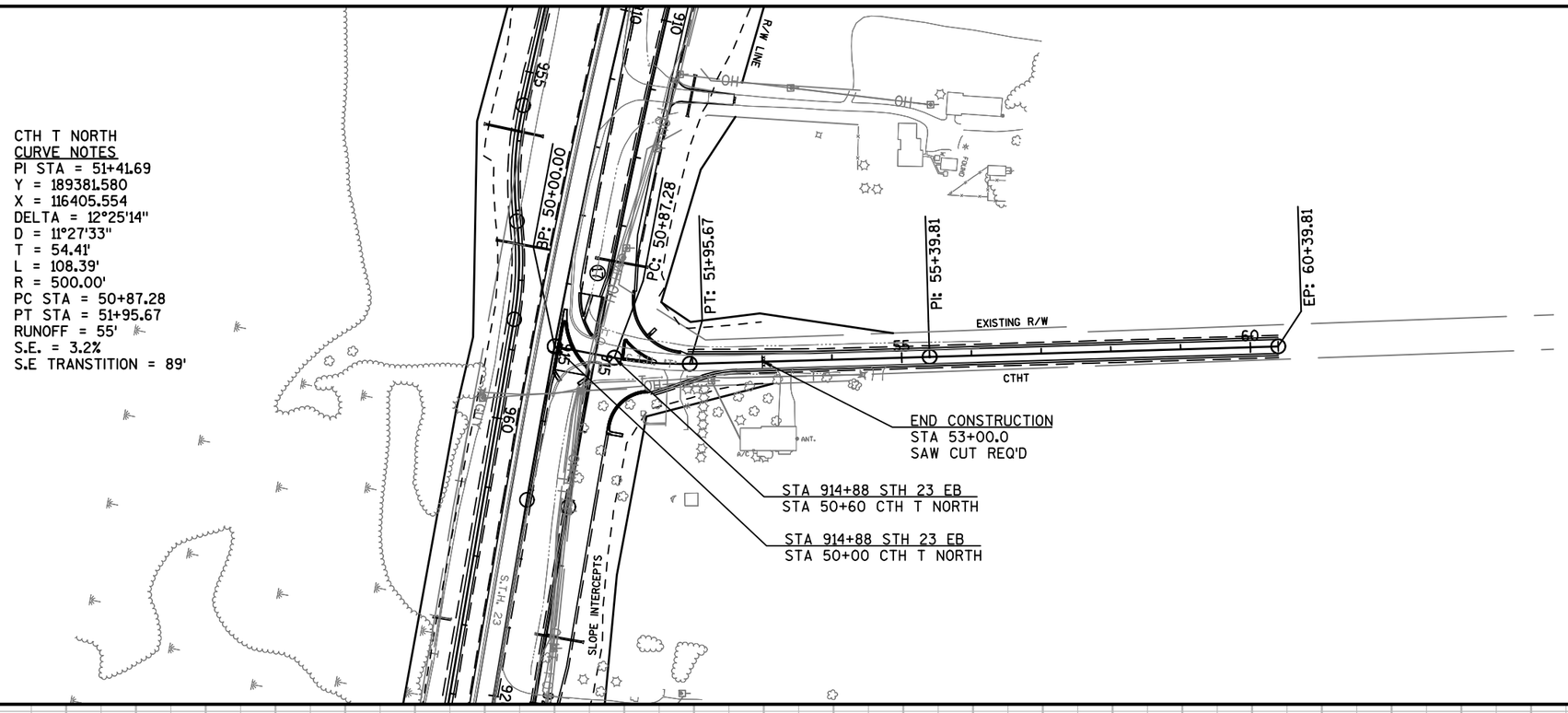


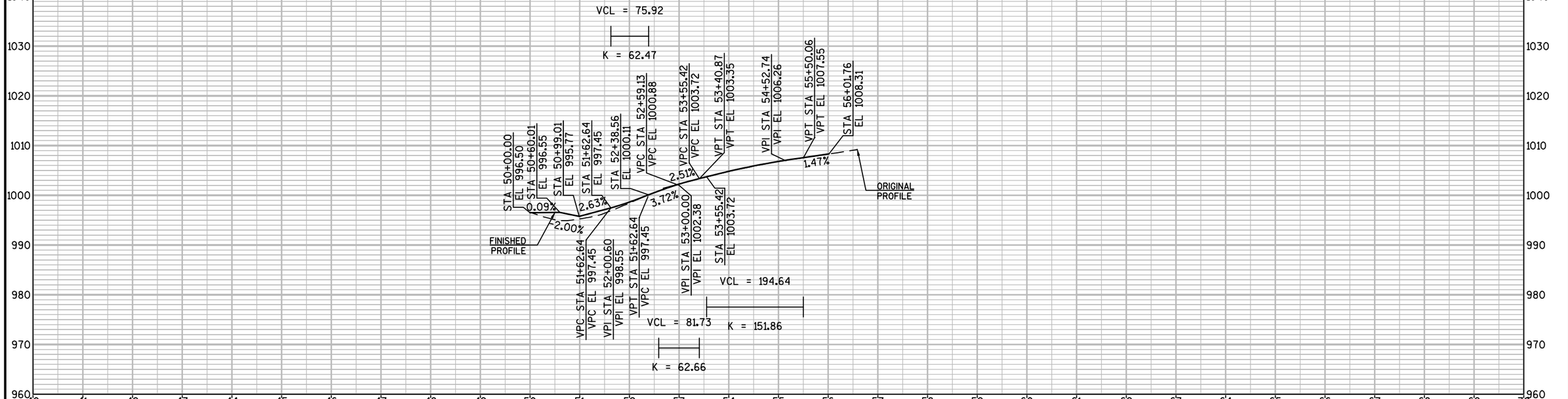
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: SCENIC VIEW DRIVE	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\SCENIC VIEW\SCENICVIEW_PP.DWG PLOT DATE : 10/2/2014 11:02 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

CTH T NORTH
CURVE NOTES
PI STA = 51+41.69
Y = 189381.580
X = 116405.554
DELTA = 12°25'14"
D = 11°27'33"
T = 54.41'
L = 108.39'
R = 500.00'
PC STA = 50+87.28
PT STA = 51+95.67
RUNOFF = 55'
S.E. = 3.2%
S.E TRANSTITION = 89'



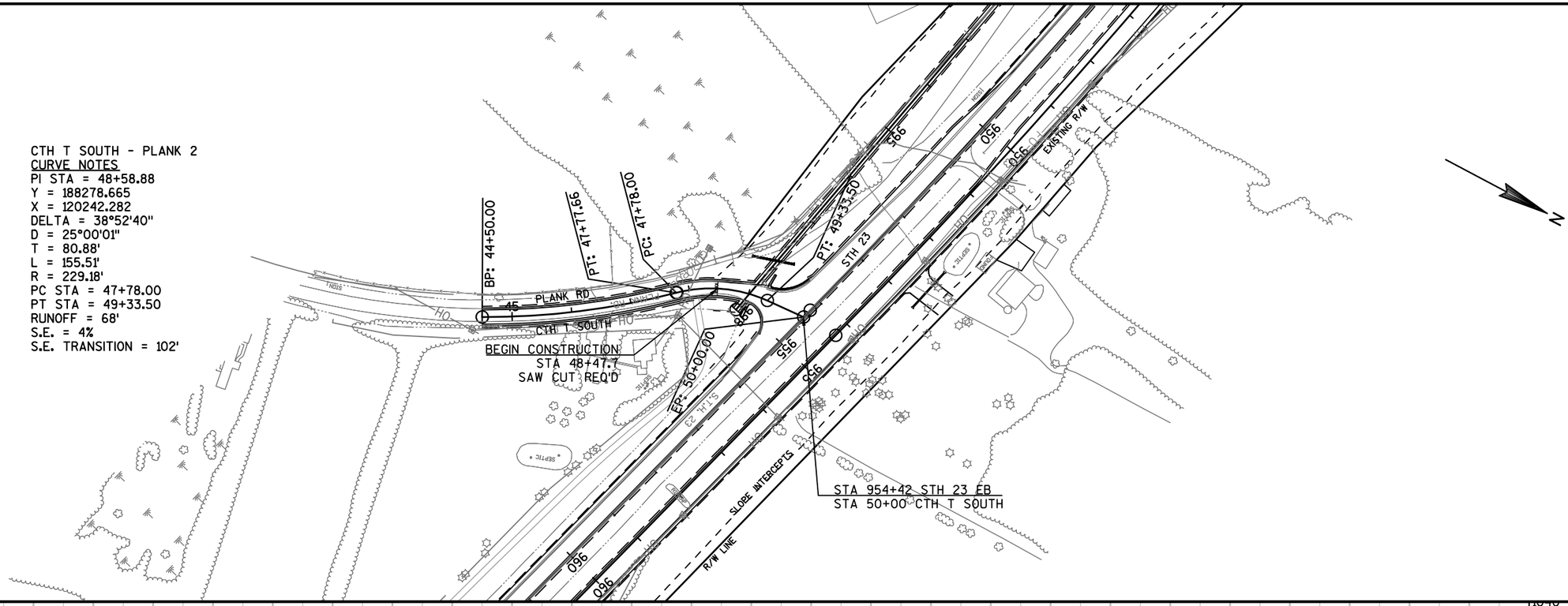


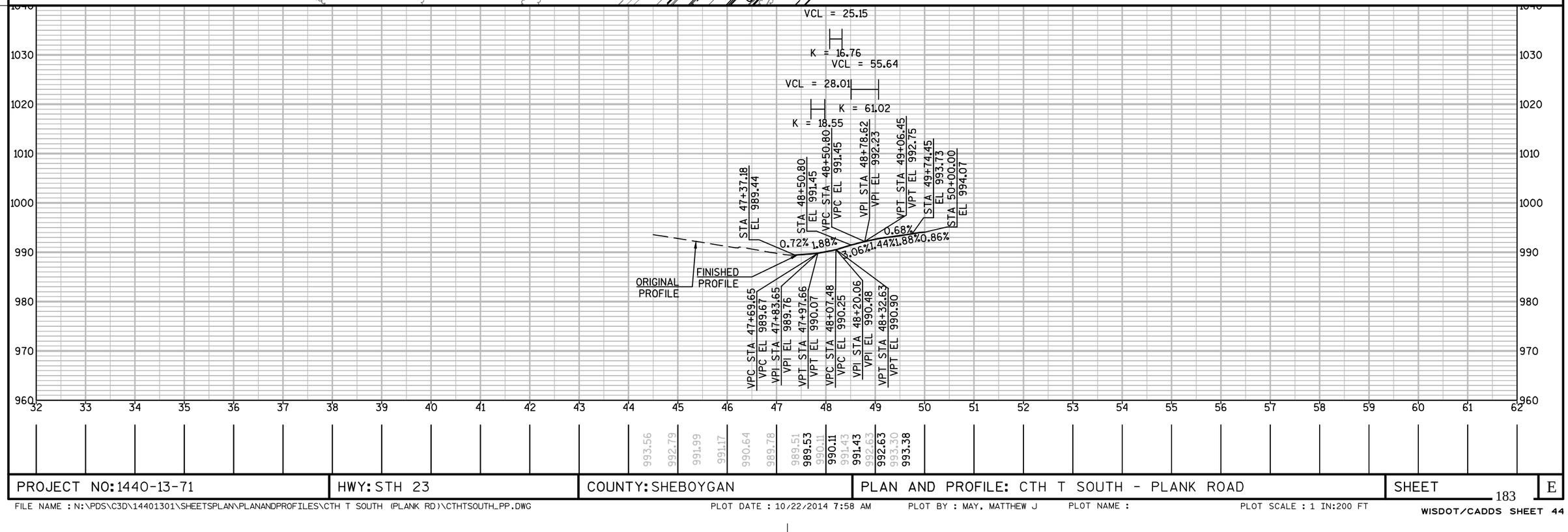
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: CTH T NORTH	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\CTH T NORTH\CTHTNORTH_PP.DWG
PLOT DATE : 10/2/2014 10:34 AM
PLOT BY : MAY, MATTHEW J
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

CTH T SOUTH - PLANK 1
CURVE NOTES
PI STA = 46+14.74
Y = 188097.012
X = 120408.108
DELTA = 14°44'40"
D = 4°30'00"
T = 164.74'
L = 327.66'
R = 1273.24'
PC STA = 44+50.00
PT STA = 47+77.66
RUNOFF = -
S.E. = -
S.E. TRANSITION = -

CTH T SOUTH - PLANK 2
CURVE NOTES
PI STA = 48+58.88
Y = 188278.665
X = 120242.282
DELTA = 38°52'40"
D = 25°00'01"
T = 80.88'
L = 155.51'
R = 229.18'
PC STA = 47+78.00
PT STA = 49+33.50
RUNOFF = 68'
S.E. = 4%
S.E. TRANSITION = 102'

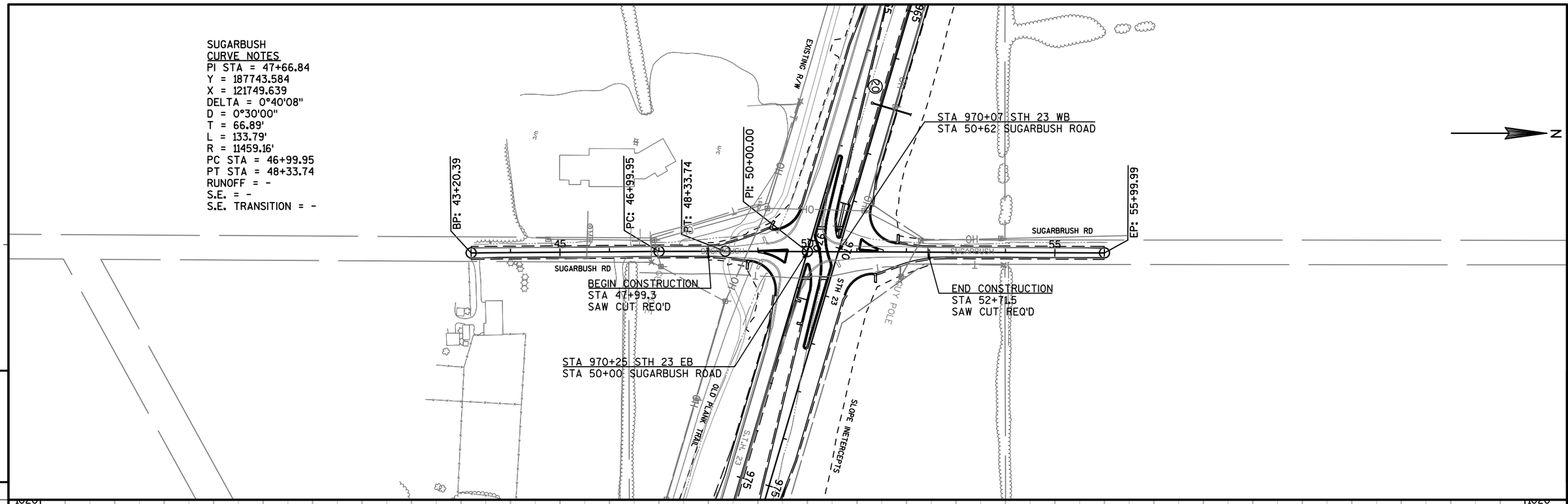


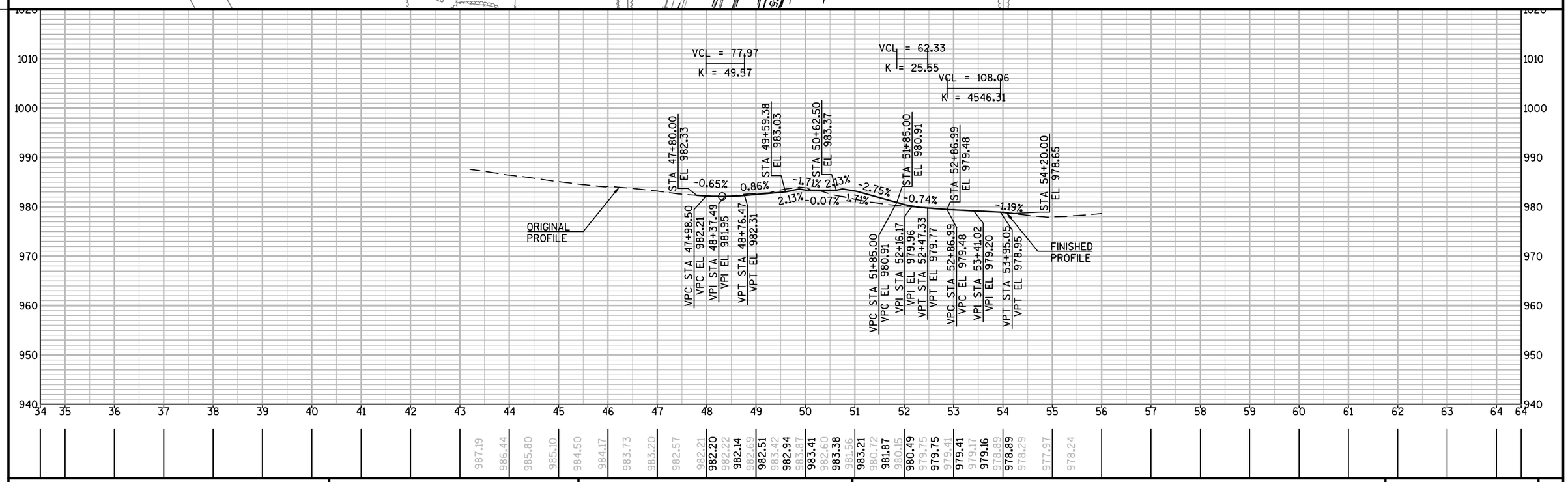


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: CTH T SOUTH - PLANK ROAD	SHEET 183	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\CTH T SOUTH (PLANK RD)\CTHTSOUTH_PP.DWG
PLOT DATE : 10/22/2014 7:58 AM
PLOT BY : MAY, MATTHEW J
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

SUGARBUSH
CURVE NOTES
PI STA = 47+66.84
Y = 187743.584
X = 121749.639
DELTA = 0°40'08"
D = 0°30'00"
T = 66.89'
L = 133.79'
R = 11459.16'
PC STA = 46+99.95
PT STA = 48+33.74
RUNOFF = -
S.E. = -
S.E. TRANSITION = -





PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: SUGARBUSH ROAD	SHEET 184 E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\SUGARBUSH\SUGARBUSH_PP.DWG
PLOT DATE : 10/2/2014 11:08 AM
PLOT BY : MAY, MATTHEW J
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

CTH A1
CURVE NOTES
PI STA = 48+37.62
DELTA = 44°37'23"
D = 30°58'15"
T = 75.92'
L = 144.08'
R = 185.00'
PC STA = 47+61.70
PT STA = 49+05.78
RUNOFF = 69'
S.E. = 3.8%
S.E. = TRANSITION = 105'

CTH A2
CURVE NOTES
PI STA = 52+17.12
DELTA = 72°52'34"
D = 30°58'15"
T = 136.58'
L = 235.31'
R = 185.00'
PC STA = 50+80.54
PT STA = 53+15.85
RUNOFF = 68'
S.E. = 4%
S.E. TRANSITION = 102'

CTH A3
CURVE NOTES
PI STA = 57+52.58
DELTA = 27°11'59"
D = 8°40'52"
T = 159.67'
L = 313.32'
R = 660.00'
PC STA = 55+92.91
RUNOFF = 74'
S.E. = 3.8%
S.E. TRASITION = 113'

STA 986+85 STH 23 WB
STA 50+43 CTH A

BEGIN CONSTRUCTION
STA 47+61.8
SAW CUT REQ'D

STA 986+85 STH 23 EB
STA 49+83 CTH A

END CONSTRUCTION
STA 59+12.5
SAW CUT REQ'D

STA 51+00
1-24" CPRC III REQ'D

VCL = 69.36
K = 40.00

VCL = 69.07
K = 40.00

VCL = 230.00
K = 73.17

VCL = 437.85
K = 86.48

STA 47+61.70
EL 990.24

STA 49+44.80
EL 989.60

STA 50+55.80
EL 990.41

STA 51+94.99
EL 988.98

STA 54+24.99
EL 991.98

VPI STA 56+78.92
VPI EL 999.80

STA 58+97.84
EL 995.52

VPT STA 58+97.84
VPT EL 995.52

STA 59+14.48
EL 995.14

-0.68% 2.00% 2.00% 2.00% -2.00% -0.27% 2.87% -2.31%

ORIGINAL PROFILE

FINISHED PROFILE

VPC STA 48+75.44
VPC EL 989.47

VPI STA 49+10.12
VPI EL 989.23

VPT STA 49+44.80
VPT EL 989.60

VPC STA 50+82.09
VPC EL 989.88

VPI STA 51+16.63
VPI EL 989.19

VPT STA 51+51.17
VPT EL 989.10

VPC STA 51+94.99
VPC EL 988.98

VPI STA 53+09.99
VPI EL 988.67

VPT STA 54+24.99
VPT EL 991.98

| | | |

PLANK
CURVE NOTES
PI STA = 48+82.50
Y = 186146.299
X = 125655.248
DELTA = 64°33'09"
D = 24°08'45"
T = 149.87'
L = 267.34'
R = 237.29'
PC STA = 47+32.63
PT STA = 49+99.97
RUNOFF = 67'
S.E = 3.9%
S.E. TRANSITION = 101'

BP: 44+24.14
PC: 47+32.63
EP: 49+99.97
STA 1014+14.84 STH 23 EB
STA 50+00 PLANK ROAD
R/W LINE
EXISTING R/W
PLANK RD
BEGIN CONSTRUCTION
STA 48+00.0
SAW CUT REQ'D
SLOPE INTERCEPTS
OLD PLANK TRAIL
STH 23
S.T.H. 23
SEPTIC
WELLS
TANKS
CEMETERY
SCALE
Owner2
Comment3
Comment1
Comment2

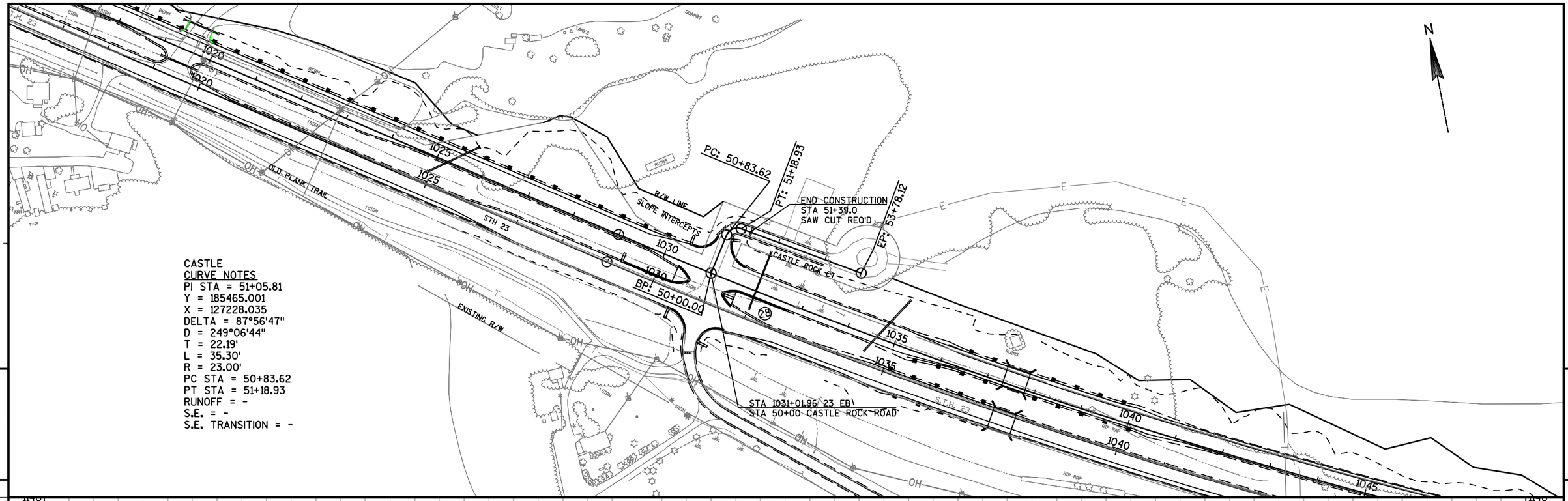
STA 48+00.00
EL 1028.04
VPC STA 48+11.63
VPC EL 1028.38
VPI STA 48+51.30
VPI EL 1029.63
VPT STA 48+90.97
VPT EL 1030.68
STA 49+60.82
EL 1032.06
STA 49+73.72
EL 1032.37
STA 49+87.97
EL 1032.69
STA 49+99.97
EL 1032.45
2.39%
1.97%
2.22%
1.95%
2.91%
ORIGINAL PROFILE
FINISHED PROFILE
STA 48+11.63
EL 1028.38
VCL = 79.34
K = 166.53

1021.51 1022.07 1022.60 1023.32 1024.16 1025.38 1026.71 1028.04 1028.04 1029.54 1029.54 1030.90 1030.86 1031.65 1031.85

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: PLANK ROAD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\PLANK\PLANK_PP.DWG PLOT DATE : 10/2/2014 10:55 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: CASTLE ROCK COURT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\CASTLE ROCK\CASTLEROCK_PP.DWG PLOT DATE : 10/2/2014 10:23 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

STA 1031+01.50 STH 23 EB
STA 0+00 JULIE COURT

STA 1031+01.96 STH 23 EB
STA 50+00 CASTLE ROCK ROAD

R/W LINE

SLOPE INTERCEPTS

BP: 0+00.00

EP: 16+41.21

STH 23

S.T.H. 23

END CONSTRUCTION
STA 1+06.4
SAW CUT REQ'D

PC: 0+78.93

PT: 15+60.75

JULIE CT.

EXISTING R/W

BEGIN CONSTRUCTION
STA 12+64.2
SAW CUT REQ'D

PT: 2+62.35

PC: 6+17.75

PT: 13+66.11

PC: 14+30.17

JULIE1
CURVE NOTES
PI STA = 1+85.45
Y = 185156.680
X = 127062.895
DELTA = 72°58'49"
D = 39°47'19"
T = 106.52'
L = 183.42'
R = 144.00'
PC STA = 0+78.93
PT STA = 2+62.35

JULIE2
CURVE NOTES
PI STA = 10+00.97
Y = 184611.494
X = 127708.668
DELTA = 30°24'35"
D = 4°03'49"
T = 383.22'
L = 748.36'
R = 1410.00'
PC STA = 6+17.75
PT STA = 13+66.11

JULIE3
CURVE NOTES
PI STA = 15+08.83
Y = 184522.312
X = 128226.992
DELTA = 80°26'45"
D = 61°35'30"
T = 78.65'
L = 130.58'
R = 93.00'
PC STA = 14+30.17
PT STA = 15+60.75

VCL = 31.11

K = 50.00

STA 0+00.00
EL 1098.85

STA 0+24.36
EL 1099.50

STA 0+39.15
EL 1099.32

STA 0+95.66
EL 1098.65

STA 1+08.94
EL 1098.56

-1.28%

-1.36%

-0.66%

2.67%

FINISHED PROFILE

ORIGINAL PROFILE

VPC STA 0+64.55
VPC EL 1098.97

VPI STA 0+80.10
VPI EL 1098.76

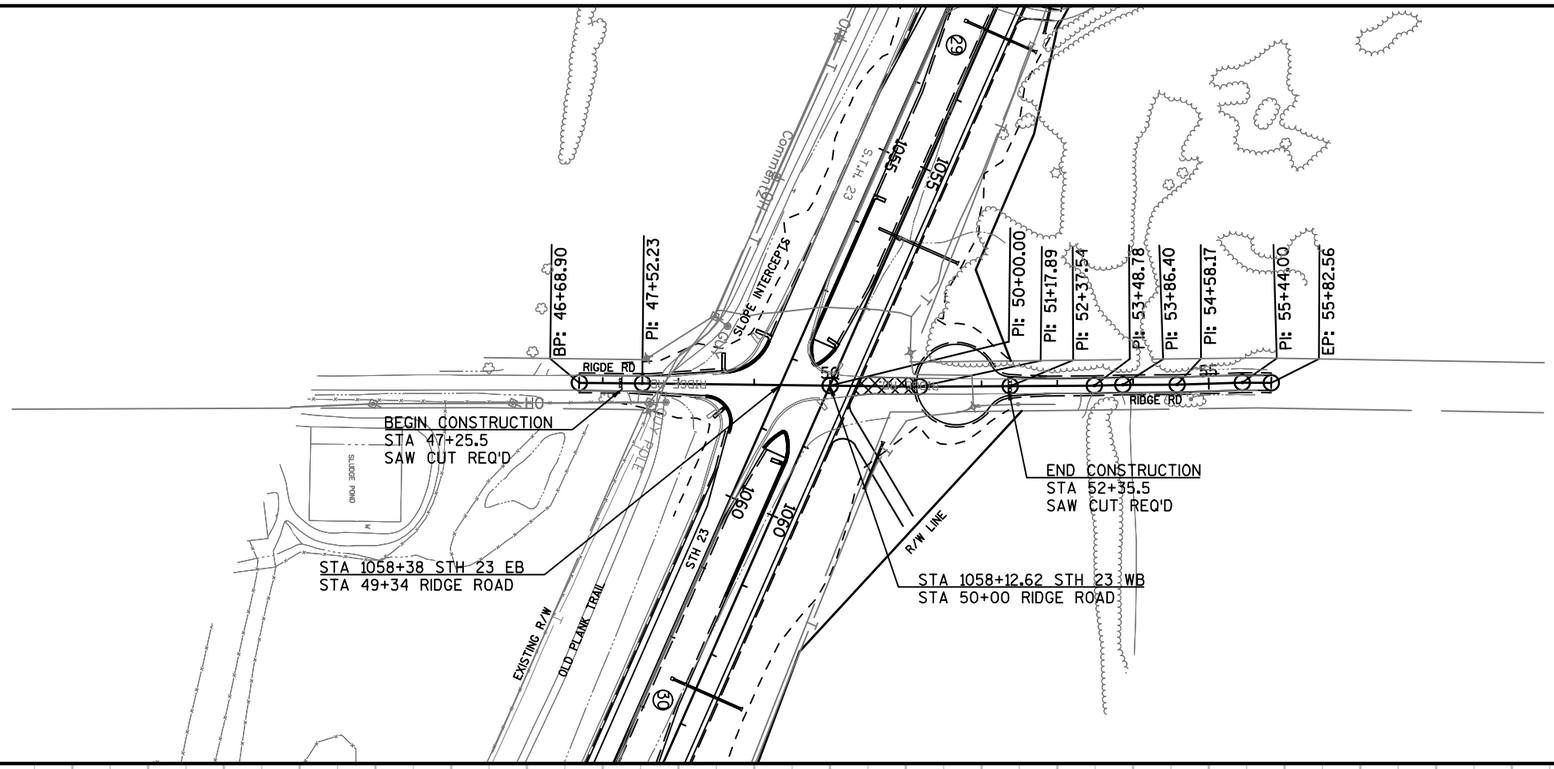
VPT STA 0+95.66
VPT EL 1098.65

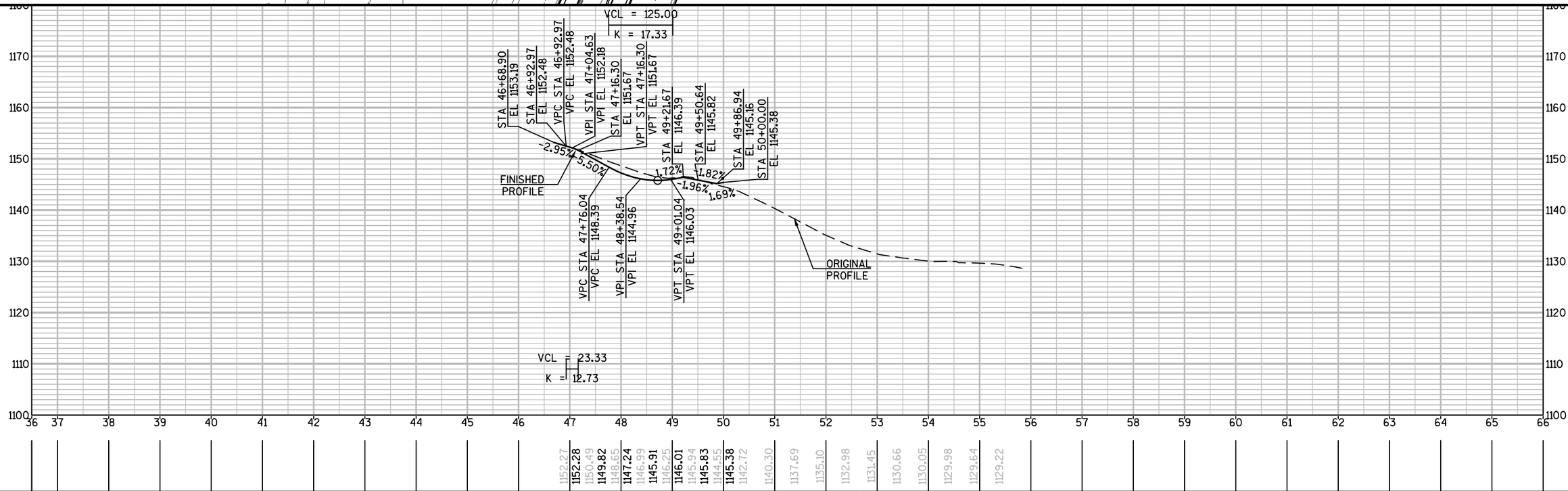
1097.86 1098.85 1098.88 1099.17 1098.59 1098.62 1098.25 1097.64 1097.26 1097.61 1097.84 1098.04 1098.33 1099.39 1100.44 1101.73 1103.64 1106.01 1108.71 1111.70 1114.61 1117.68 1120.73 1123.70 1126.66 1129.70 1132.63 1135.68 1138.90 1141.69 1144.34 1145.73 1145.49 1143.96 1142.38 1141.24

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: JULIE COURT	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\JULIE\JULIE_PP.DWG PLOT DATE : 10/2/2014 10:50 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



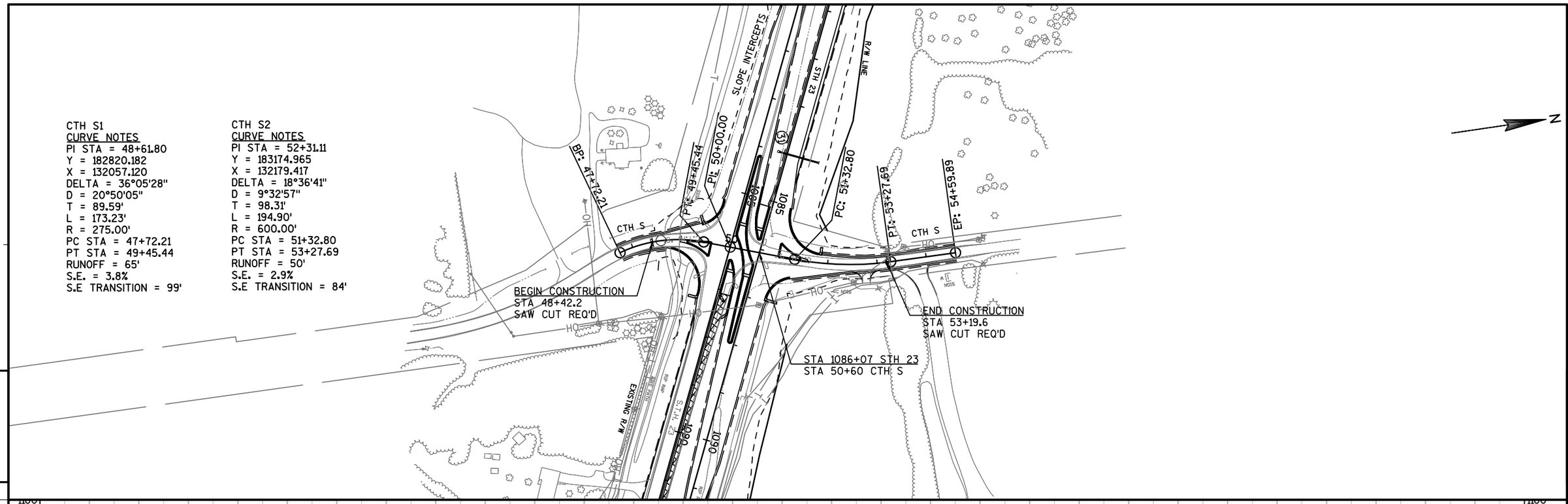


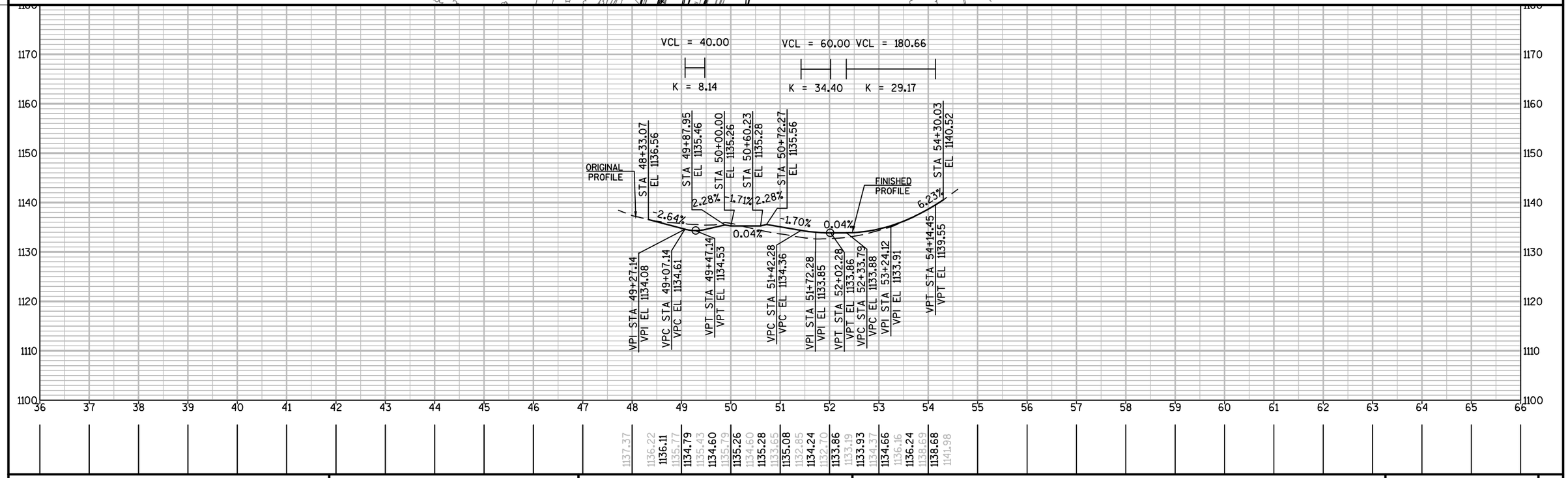
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: RIDGE ROAD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\RIDGE\RIDGE_PP.DWG PLOT DATE : 10/2/2014 10:58 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

CTH S1
CURVE NOTES
PI STA = 48+61.80
Y = 182820.182
X = 132057.120
DELTA = 36°05'28"
D = 20°50'05"
T = 89.59'
L = 173.23'
R = 275.00'
PC STA = 47+72.21
PT STA = 49+45.44
RUNOFF = 65'
S.E. = 3.8%
S.E TRANSITION = 99'

CTH S2
CURVE NOTES
PI STA = 52+31.11
Y = 183174.965
X = 132179.417
DELTA = 18°36'41"
D = 9°32'57"
T = 98.31'
L = 194.90'
R = 600.00'
PC STA = 51+32.80
PT STA = 53+27.69
RUNOFF = 50'
S.E. = 2.9%
S.E TRANSITION = 84'





PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: CTH S	SHEET 190	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\CTH S\CTHS_PP.DWG PLOT DATE : 10/22/2014 8:06 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

TWINKLE1
CURVE NOTES
PI STA = 8+73.43
Y = 182326.986
X = 134871.408
DELTA = 74°16'01"
D = 19°05'55"
T = 227.16'
L = 388.86'
R = 300.00'
PC STA = 6+46.27
PT STA = 10+35.13
RUNOFF = -
S.E. = -
S.E. TRANSITION = -

TWINKLE2
CURVE NOTES
PI STA = 20+63.21
Y = 181973.667
X = 136075.902
DELTA = 15°18'40"
D = 5°43'46"
T = 134.42'
L = 267.23'
R = 1000.00'
PC STA = 19+28.80
PT STA = 21+96.03
RUNOFF = -
S.E. = -
S.E. TRANSITION = -

END CONSTRUCTION
STA 18+18.8
SAW CUT REQ'D

BP: 3+64.65
PC: 6+46.27
SAW CUT REQ'D
PT: 10+35.13
R/W LINE
SLOPE INTERCEPTS
EXISTING R/W
TWINKLE LN
PC: 19+28.80
PI: 21+96.03
PI: 25+40.00
PI: 29+88.20
PI: 33+35.87
EP: 35+00.00
VALLEY LN
S.T.H. 23
STH 23
OLD PLANK TRAIL
BIKE PATH
SEPTIC
SIGN
N

VCL = 310.00
K = 64.36
VCL = 250.00
K = 98.89
VCL = 540.00
K = 99.36

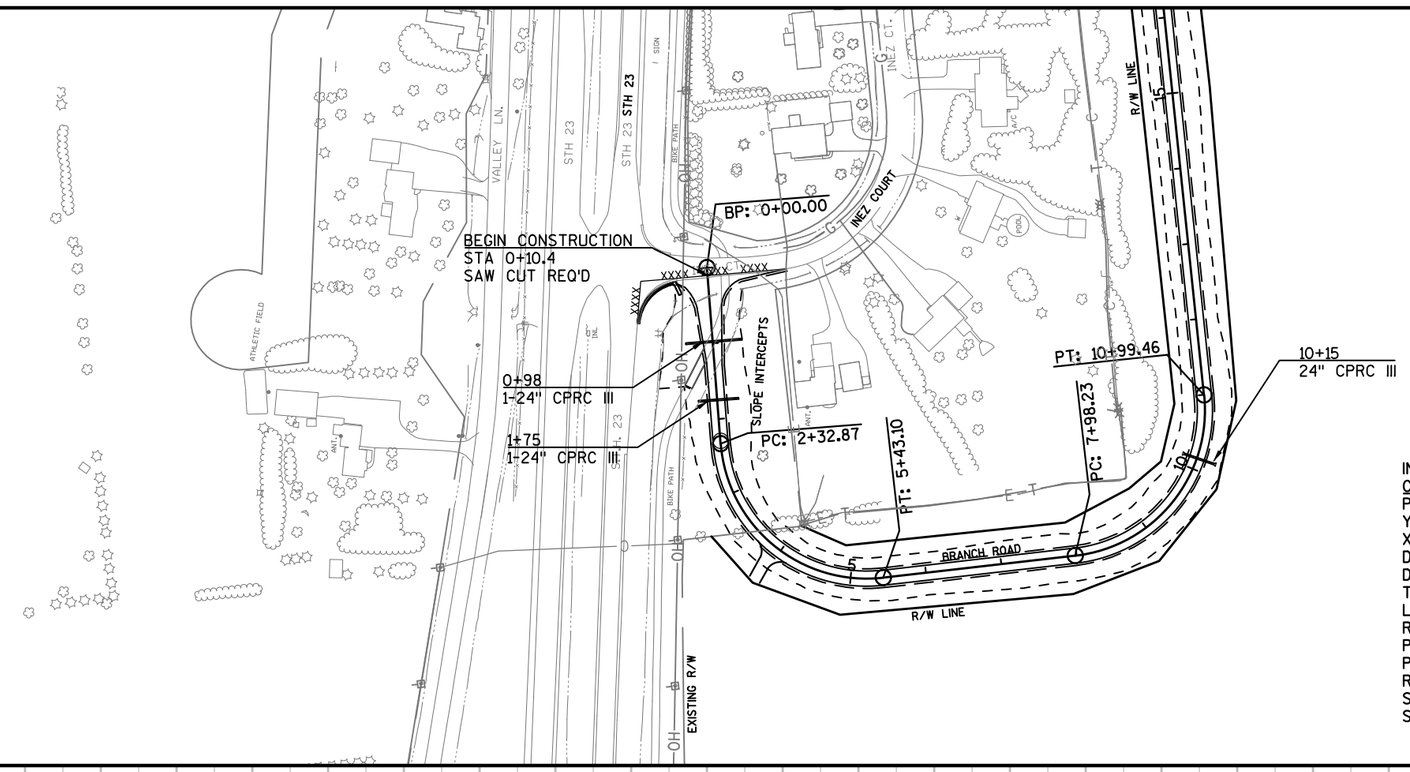
-2.93%
-3.85%
-3.85%
0.97%
-4.47%
-1.94%
-1.46%

FINISHED PROFILE
ORIGINAL PROFILE

STA 3+64.65
EL 999.64
STA 3+99.13
EL 998.63
STA 6+00.00
EL 990.90
VPC STA 7+10.00
VPC EL 986.66
VPI STA 8+65.00
VPI EL 980.70
VPT STA 10+20.00
VPT EL 982.19
VPC STA 10+30.00
VPC EL 982.29
VPI STA 13+00.00
VPI EL 984.90
VPT STA 15+70.00
VPT EL 972.84
VPC STA 17+60.71
VPC EL 964.32
VPI STA 18+85.71
VPI EL 958.73
VPT STA 20+10.71
VPT EL 956.31
STA 29+49.63
EL 938.09
STA 33+03.48
EL 932.92

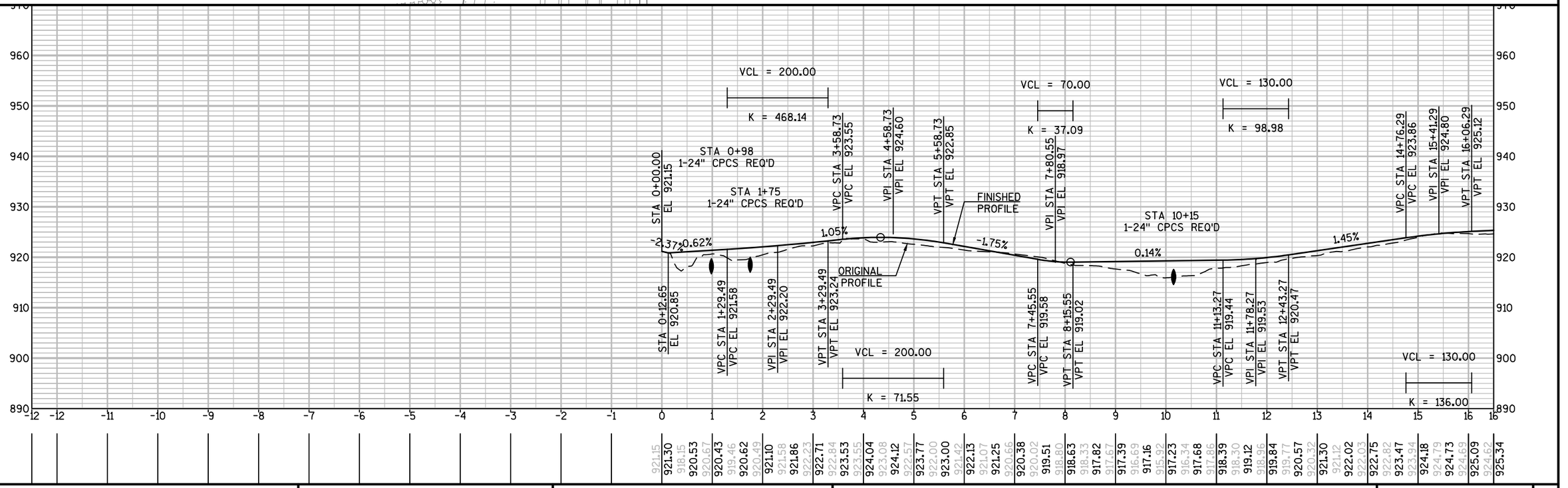
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: TWINKLE LANE	SHEET E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\TWINKLE\TWINKLE_PP.DWG
PLOT DATE : 10/2/2014 11:12 AM
PLOT BY : MAY, MATTHEW J
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

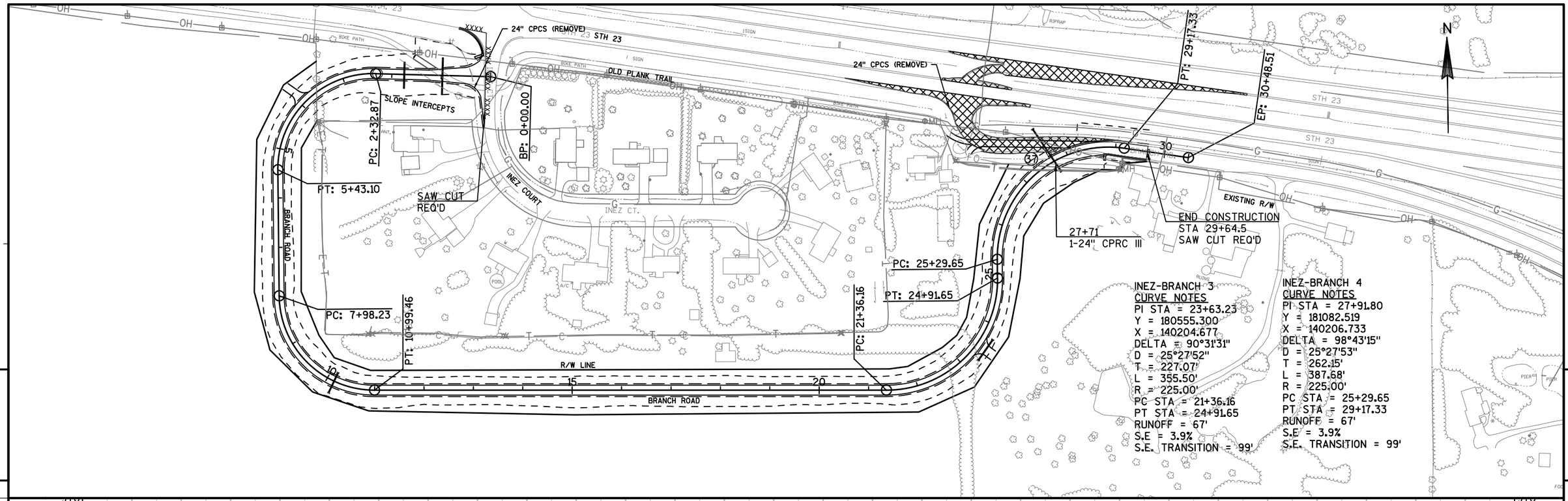


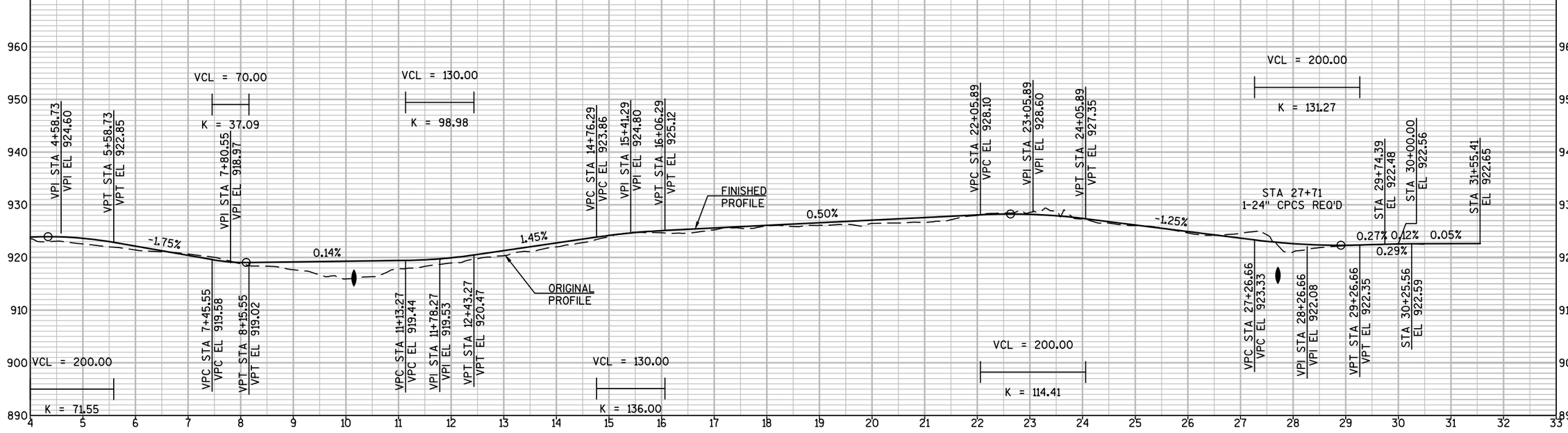
INEZ-BRANCH1
CURVE NOTES
PI STA = 4+33.07
Y = 181220.717
X = 138751.925
DELTA = 92°05'50"
D = 29°41'11"
T = 200.20'
L = 310.23'
R = 193.00'
PC STA = 2+32.87
PT STA = 5+43.10
RUNOFF = 67'
S.E = 3.9%
S.E. TRANSITION = 101'

INEZ-BRANCH 2
CURVE NOTES
PI STA = 9+89.31
Y = 180574.311
X = 138749.957
DELTA = 89°25'33"
D = 29°41'13"
T = 191.08'
L = 301.23'
R = 193.00'
PC STA = 7+98.23
PT STA = 10+99.46
RUNOFF = 67'
S.E = 3.9%
S.E. TRANSITION = 101'



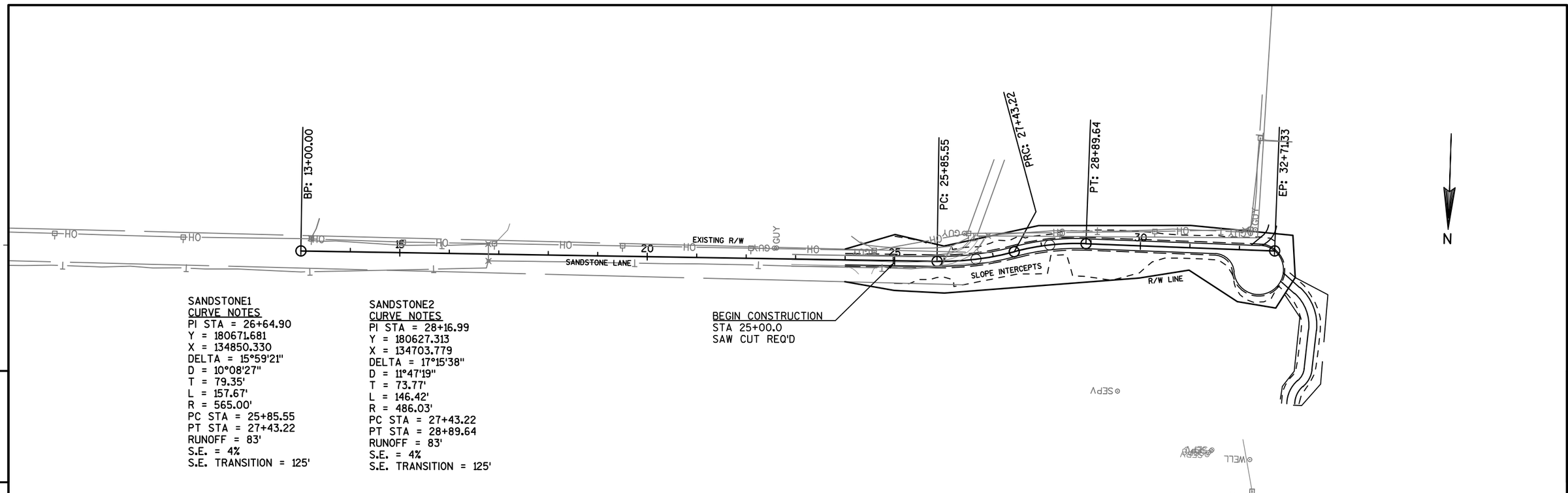
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: INEZ COURT - BRANCH ROAD	SHEET 192 E





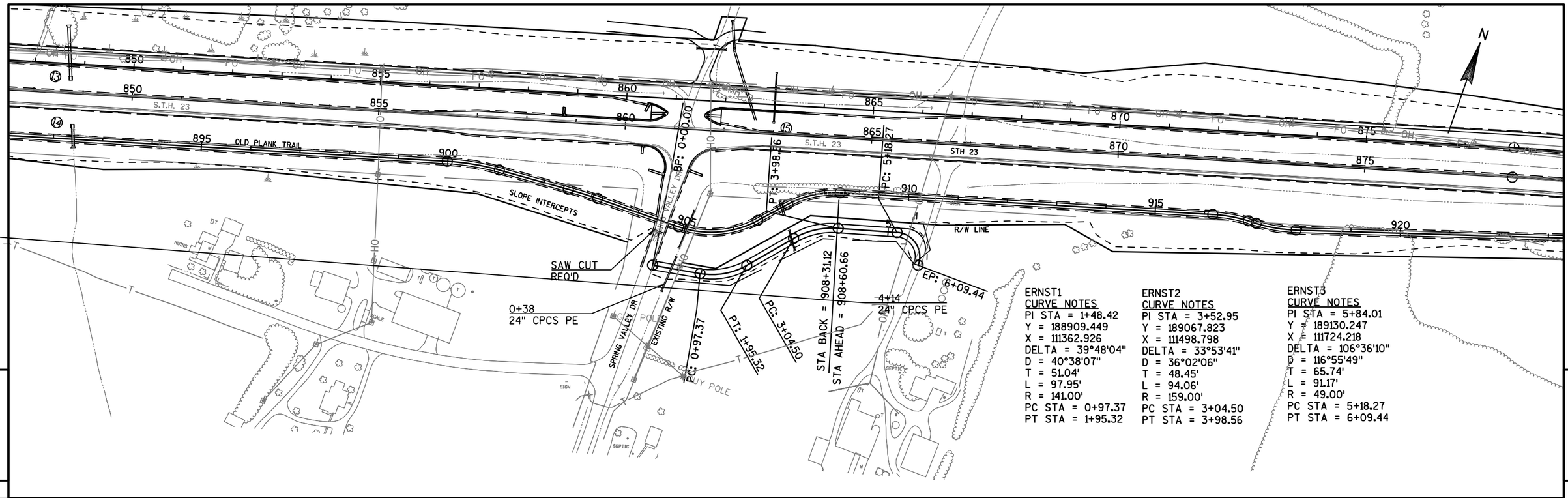
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: INEZ COURT - BRANCH ROAD	SHEET	E

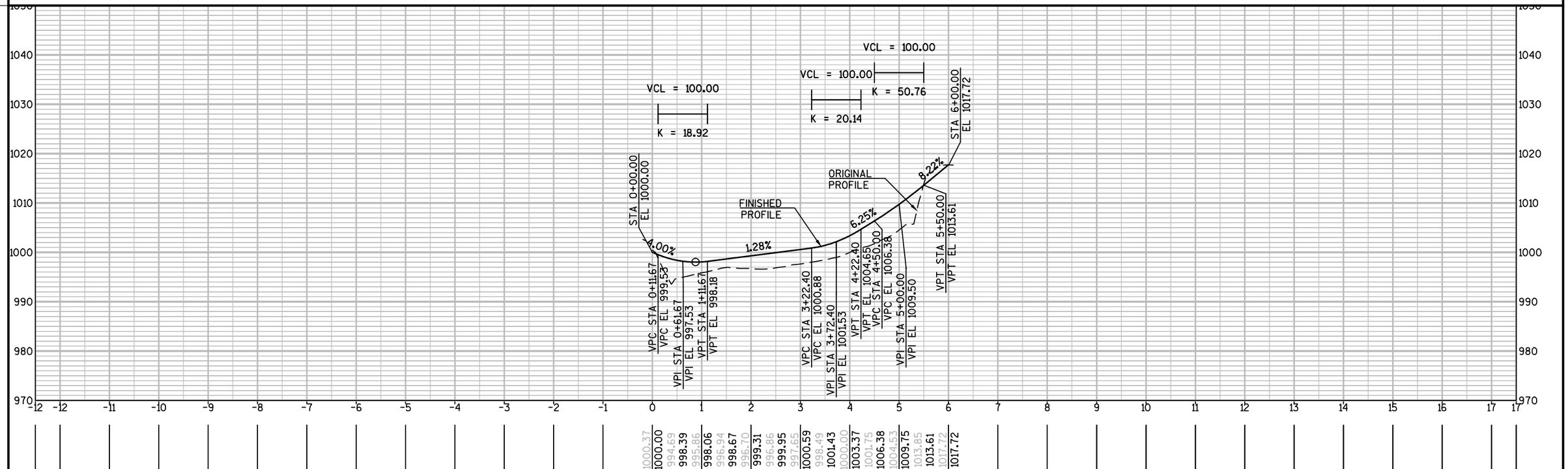
FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\INEZ BRANCH\INEZBRANCH_PP.DWG
PLOT DATE : 10/2/2014 10:45 AM
PLOT BY : MAY, MATTHEW J
PLOT NAME :
PLOT SCALE : 1 IN:200 FT



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: SANDSTONE LANE	SHEET 194	E

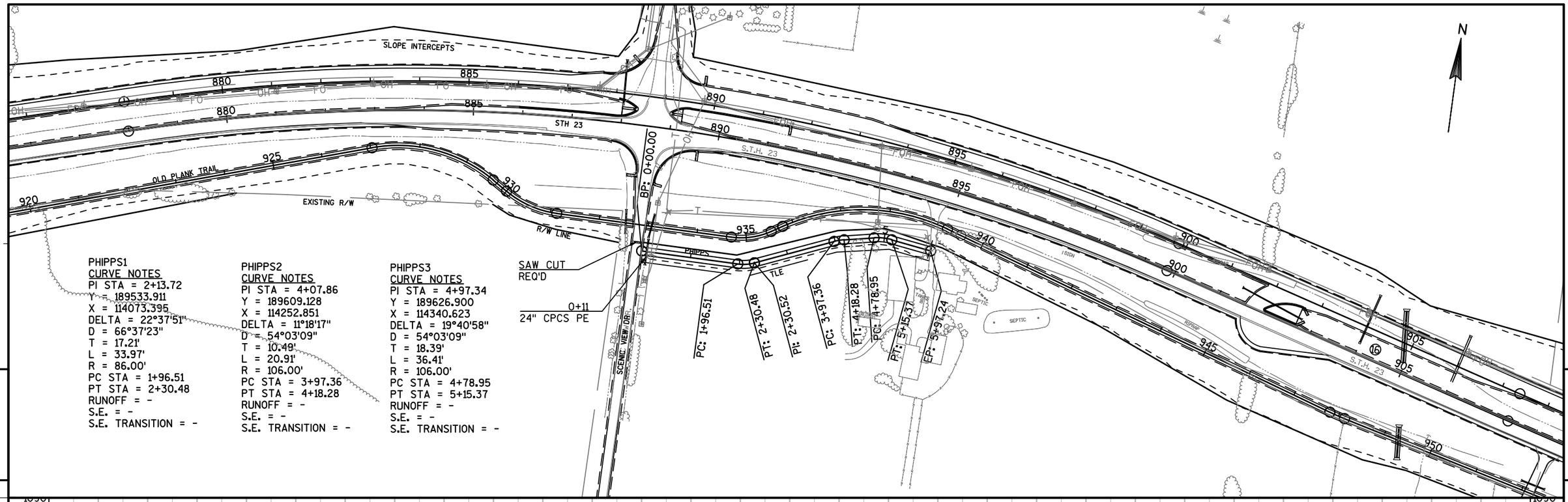
FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\SANDSTONE\SANDSTONE_PP.DWG PLOT DATE : 10/2/2014 11:01 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT





PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: ERNST DRIVEWAY	SHEET E

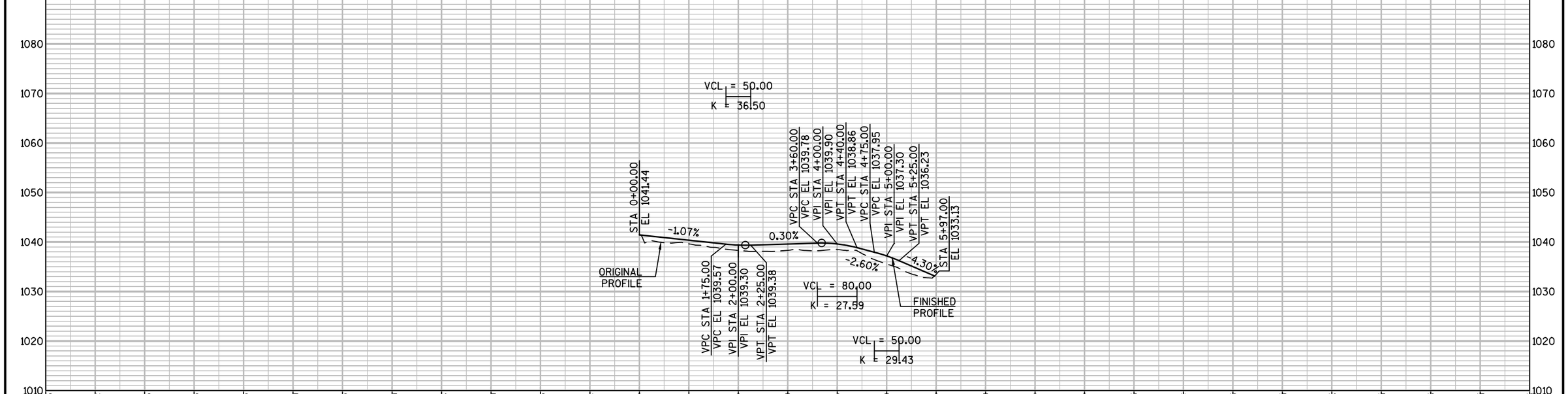
FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\ERNST\ERNST_PP.DWG PLOT DATE : 10/2/2014 10:41 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT



PHIPPS1
CURVE NOTES
PI STA = 2+13.72
Y = 189533.911
X = 114073.395
DELTA = 22°37'51"
D = 66°37'23"
T = 17.21'
L = 33.97'
R = 86.00'
PC STA = 1+96.51
PT STA = 2+30.48
RUNOFF = -
S.E. = -
S.E. TRANSITION = -

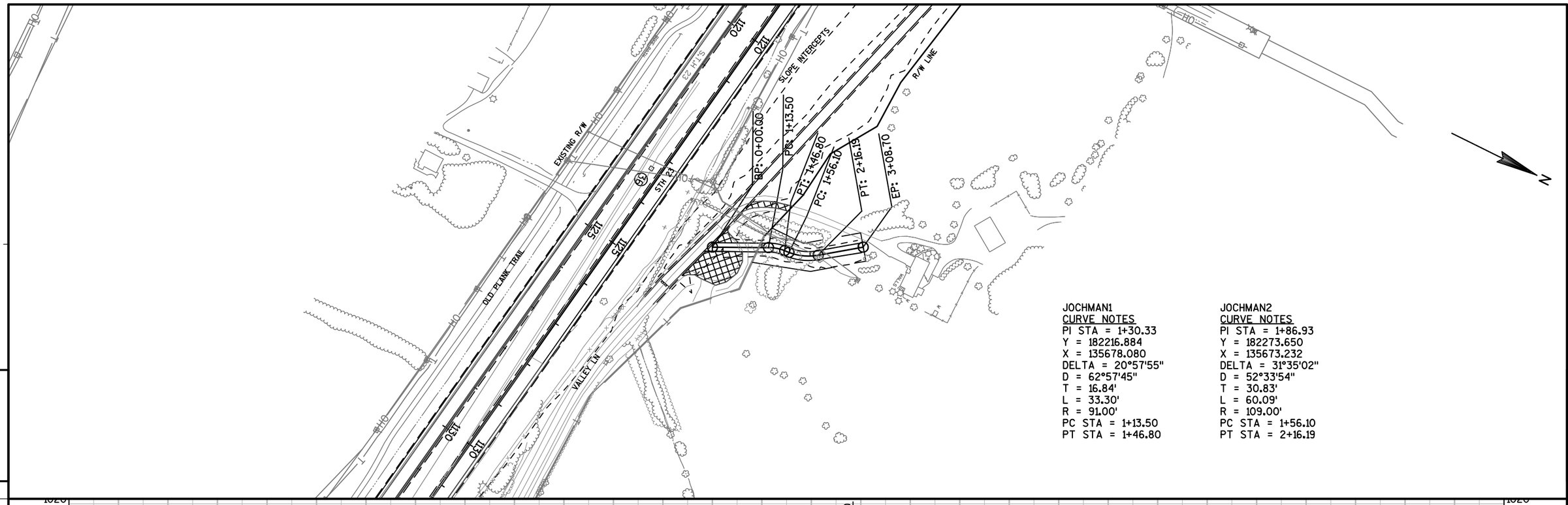
PHIPPS2
CURVE NOTES
PI STA = 4+07.86
Y = 189609.128
X = 114252.851
DELTA = 11°18'17"
D = 54°03'09"
T = 10.49'
L = 20.91'
R = 106.00'
PC STA = 3+97.36
PT STA = 4+18.28
RUNOFF = -
S.E. = -
S.E. TRANSITION = -

PHIPPS3
CURVE NOTES
PI STA = 4+97.34
Y = 189626.900
X = 114340.623
DELTA = 19°40'58"
D = 54°03'09"
T = 18.39'
L = 36.41'
R = 106.00'
PC STA = 4+78.95
PT STA = 5+15.37
RUNOFF = -
S.E. = -
S.E. TRANSITION = -



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: PHIPPS DRIVEWAY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\PHIPPS\PHIPPS_PP.DWG
PLOT DATE : 10/2/2014 10:52 AM
PLOT BY : MAY, MATTHEW J
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44



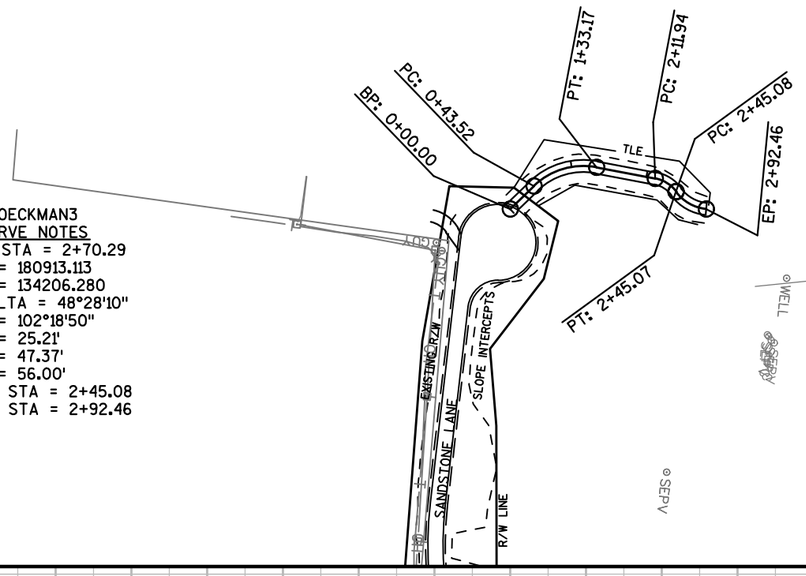
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: JOCHMAN DRIVEWAY	SHEET 197 E

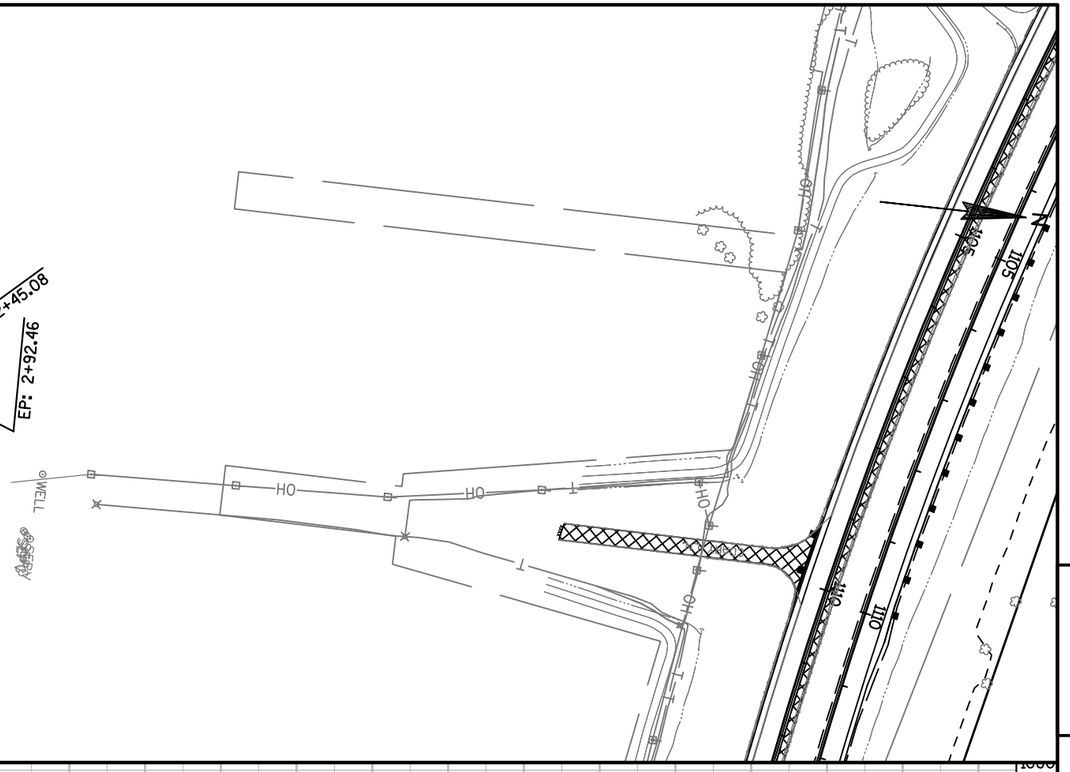
FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\JOCHMAN\JOCHMAN_PP.DWG PLOT DATE : 10/2/2014 10:47 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1 IN:200 FT

BROECKMAN1
CURVE NOTES
PI STA = 0+92.08
Y = 180740.185
X = 134163.163
DELTA = 54°38'46"
D = 60°57'11"
T = 48.57'
L = 89.65'
R = 94.00'
PC STA = 0+43.52
PT STA = 1+33.17

BROECKMAN2
CURVE NOTES
PI STA = 2+29.34
Y = 180884.453
X = 134174.744
DELTA = 43°08'45"
D = 130°13'04"
T = 17.40'
L = 33.13'
R = 44.00'
PC STA = 2+11.94
PT STA = 2+45.07

BROECKMAN3
CURVE NOTES
PI STA = 2+70.29
Y = 180913.113
X = 134206.280
DELTA = 48°28'10"
D = 102°18'50"
T = 25.21'
L = 47.37'
R = 56.00'
PC STA = 2+45.08
PT STA = 2+92.46




OHT
OHT
OHT

PI STA = 1+13.12
Y = 189374.667
X = 111191.025
DELTA = 73°09'27"
D = 98°42'34"
T = 43.07'
L = 74.11'
R = 58.04'
PC STA = 0+70.05
PT STA = 1+44.16

PT: 1+44.16
EP: 1+95.98
20'
PC: 0+70.05
20'
BP: 0+00.00
RIGHT OF WAY
SLOPE INTERCEPTS
RIGHT OF WAY
STH 23 WB
S.T.H. 23
15
N
870
865
865
860
850

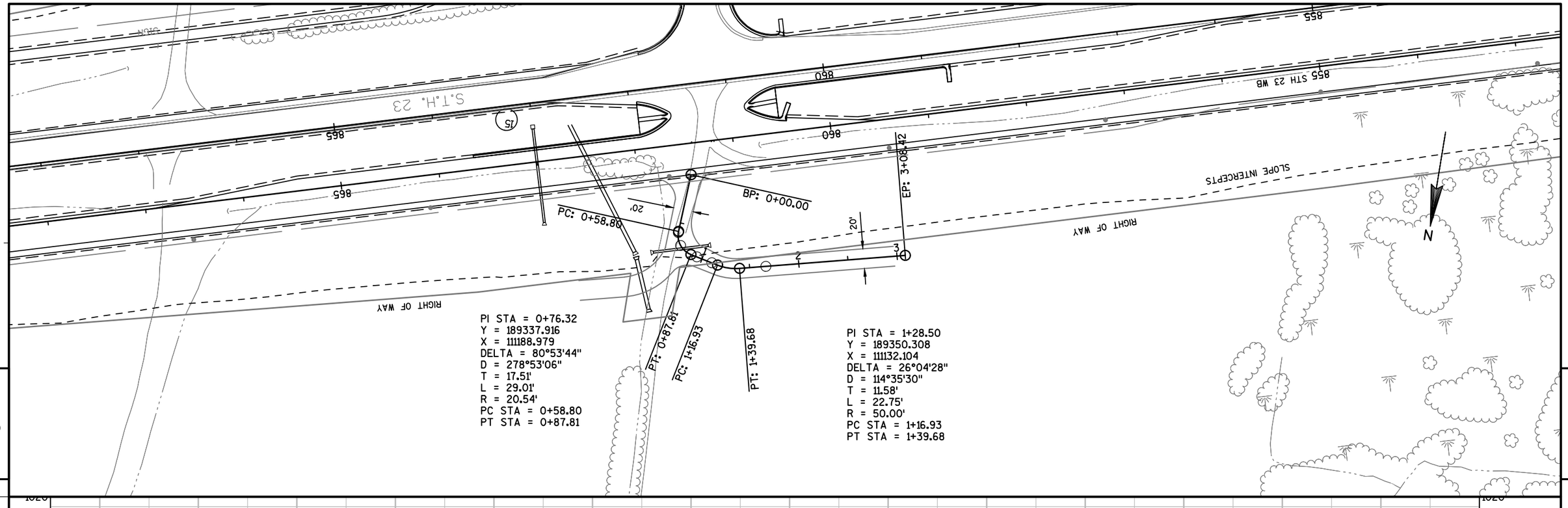
STA 0+00.00
EL 1007.18
STA 0+75.00
EL 1005.00
-2.91%
FINISHED PROFILE
-10.04%
STA 1+95.35
EL 992.92
ORIGINAL PROFILE

1020
1015
1010
1005
1000
995
990
985
980
-7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8

996.15 1007.18 | 991.56 1005.73 | 990.26 1002.49 | 992.42 997.47

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: SPRING VALLEY DRIVEWAY - ERNST	SHEET 199 E

FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\861+50 DRIVEWAY\ERNSTFE.DWG
PLOT DATE : 10/3/2014 7:50 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:100_XREF
WISDOT/CADDS SHEET 44



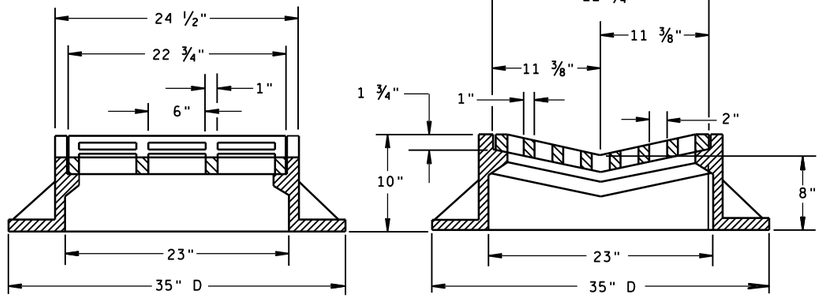
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	PLAN AND PROFILE: SPRING VALLEY DRIVEAY - LIMBERG	SHEET 200 E

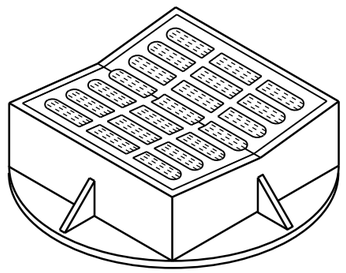
FILE NAME : N:\PDS\C3D\14401301\SHEETSPLAN\PLANANDPROFILES\861+50 DRIVEWAY\LIMBERG.DWG PLOT DATE : 10/3/2014 7:58 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:100_XREF

WISDOT/CADDS SHEET 44

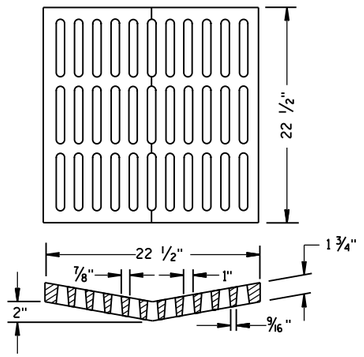
Standard Detail Drawing List

08A05-19B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08B09-01	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER
08C08-01	INLETS MEDIAN 1 AND 2 GRATE
08D01-17	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D04-05	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E14-01	TRACKING PAD
08F01-11	APRON ENDWALLS FOR CULVERT 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
09A01-13B	AT-GRADE SIDE ROAD INTERSECTION, TYPE "A1" & "A2"
12A03-10	NAME PLATE (STRUCTURES)
14B15-08A	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
14B15-08B	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
14B15-08C	STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS
14B18-06A	STEEL PLATE BEAM GUARD, CLASS "A" (AT BRIDGES, OBSTACLES AND SIDEROADS/DRIVEWAYS)
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C02-05A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-05B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C03-02	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-02	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C28-02	SIGNING AND MARKING FOR COMBINATION RIGHT TURN AND BYPASS LANE
15D28-02	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D29-03	TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD



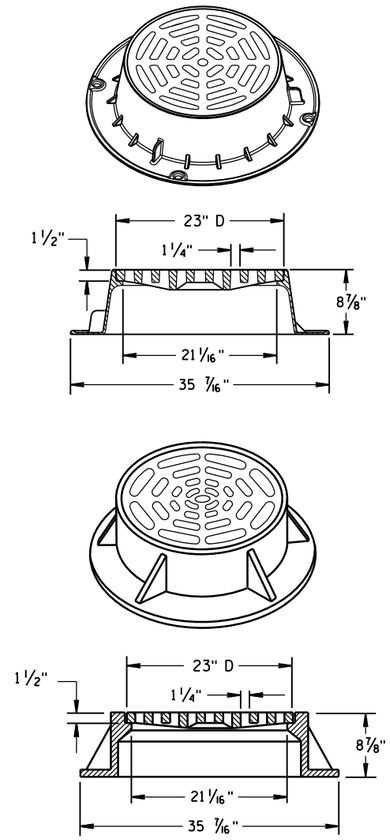


TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.
NOTED AS TYPE B-A ON THE DRAINAGE TABLE



TYPE "C"

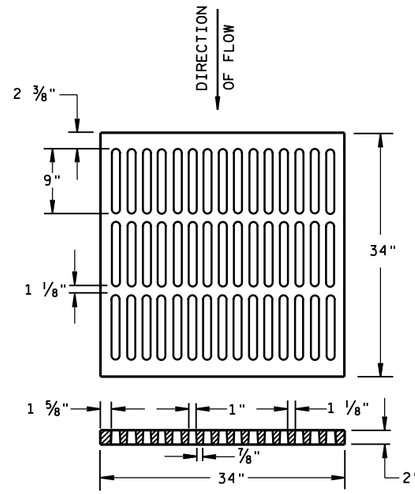
NOTE: EITHER CASTING IS ACCEPTABLE

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.

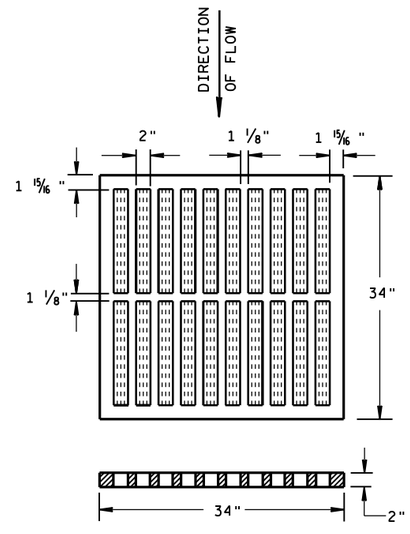
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



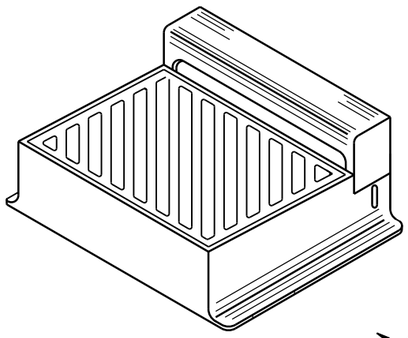
ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

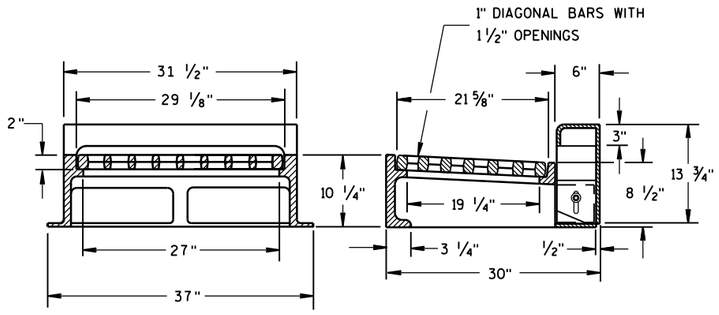


TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS
NOTED AS TYPE MS ON DRAINAGE TABLE



DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

TYPE "WM"

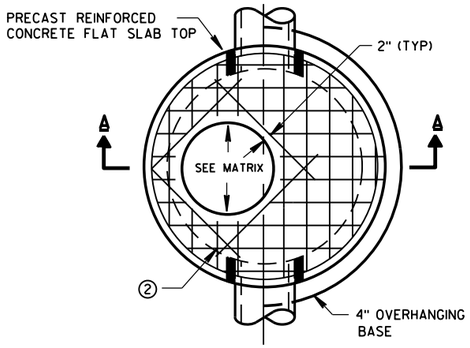
INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

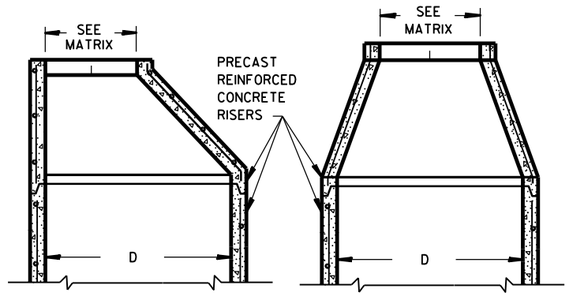
APPROVED
11/27/2013 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 A 5-19b

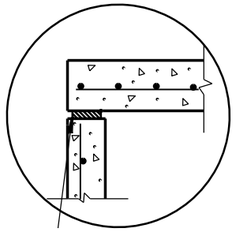


PLAN VIEW CIRCULAR OPENING

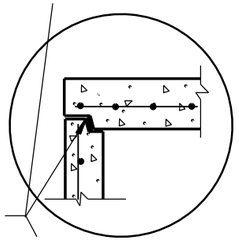


OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

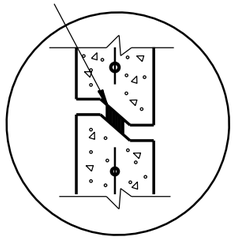


TOP WITH PLAIN END JOINT



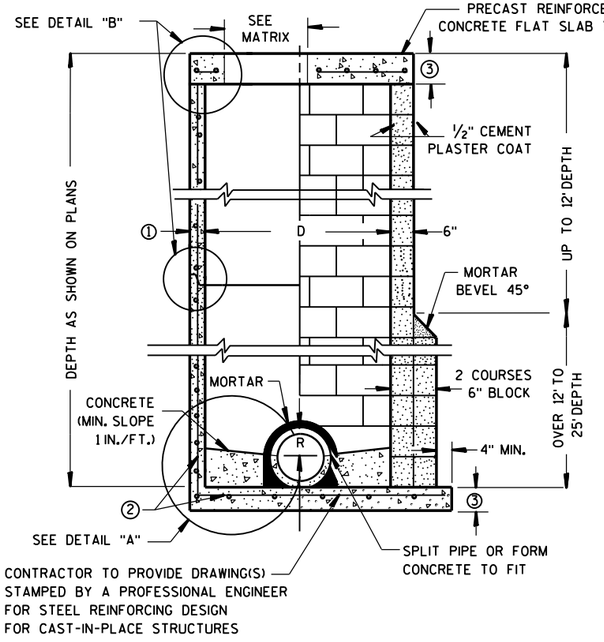
JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C990 (TYP)

TOP WITH TONGUE AND GROOVE JOINT



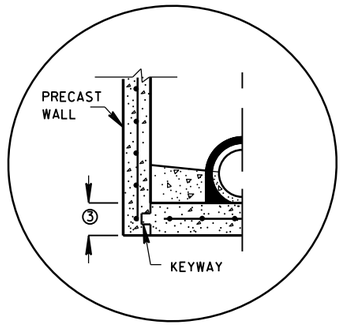
RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

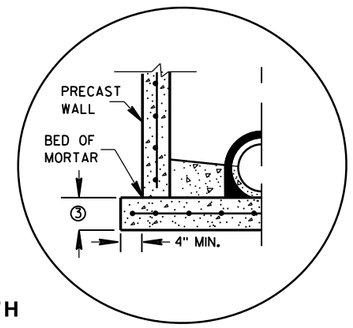


PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

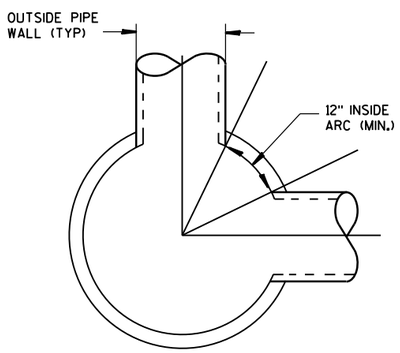


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



DETAIL "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.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE 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 DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE 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.

PRECAST REINFORCED CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES. THE CONE TOPS SHALL BE INSTALLED ON A BED OF MORTAR.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES, AND CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½" AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

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

CONCRETE BLOCK WILL NOT BE PERMITED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

4" OVERHANGING BASES ARE REQUIRED FOR ALL 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.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT, 5 INCHES FOR 4-FT, 6 INCHES FOR 5-FT, 7 INCHES FOR 6-FT, 8 INCHES FOR 7-FT AND 9 INCHES FOR 8-FT DIAMETER PRECAST MANHOLES.

② FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

③ PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER OF 48" AND LESS SHALL HAVE A MINIMUM THICKNESS OF 6". PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER LARGER THAN 48" SHALL HAVE A MINIMUM THICKNESS OF 8".

MANHOLE COVER OPENING MATRIX

MANHOLE COVER TYPE	C	ALL J'S	K	L	M
OPENING SIZE (FT)					
2 DIA.	X	X		X	
3 DIA.			X		X

PIPE MATRIX

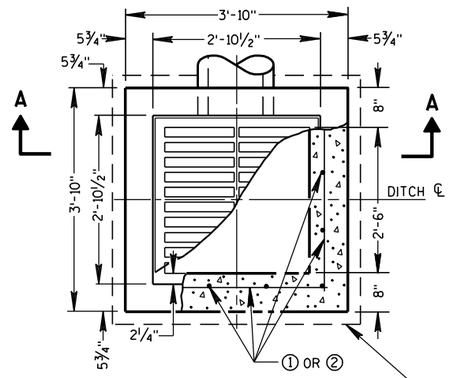
MANHOLE SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18
5-FT	36	24
6-FT	42	36
7-FT	48	36
8-FT	60	42

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER

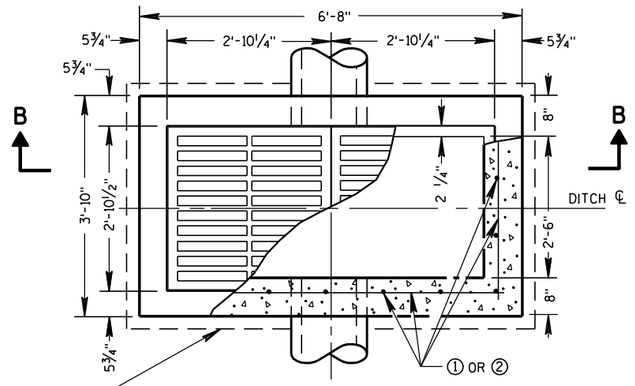
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 B 9-1

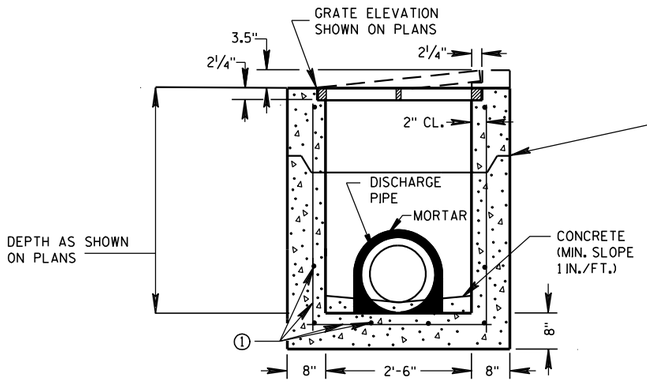


PLAN VIEW

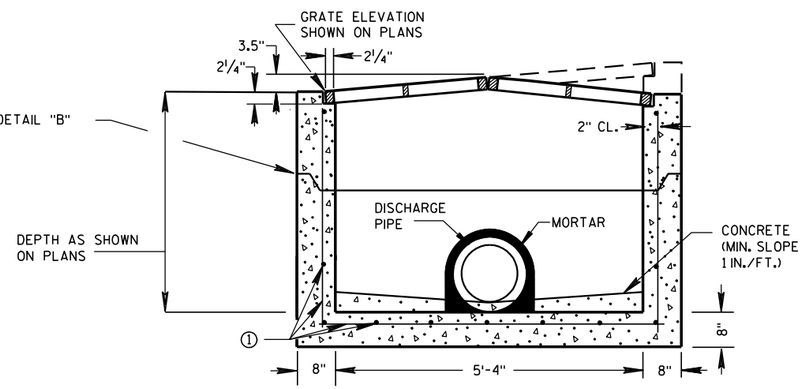


PLAN VIEW

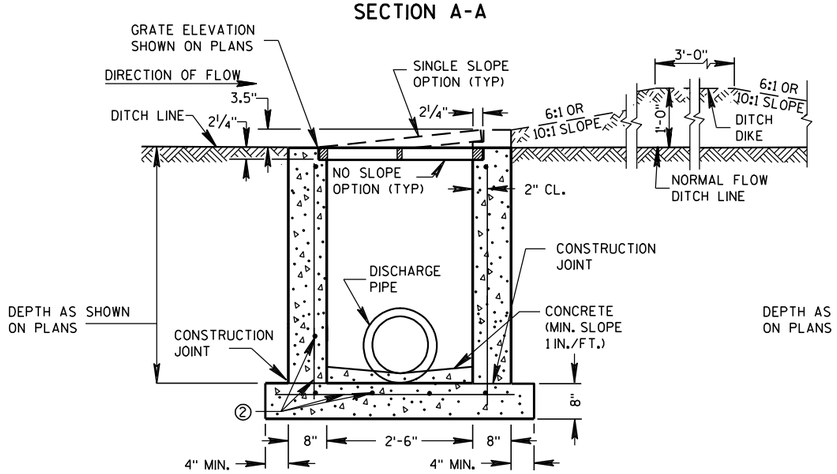
4" OVERHANGING BASE ON REINFORCED CAST-IN-PLACE CONCRETE INLETS



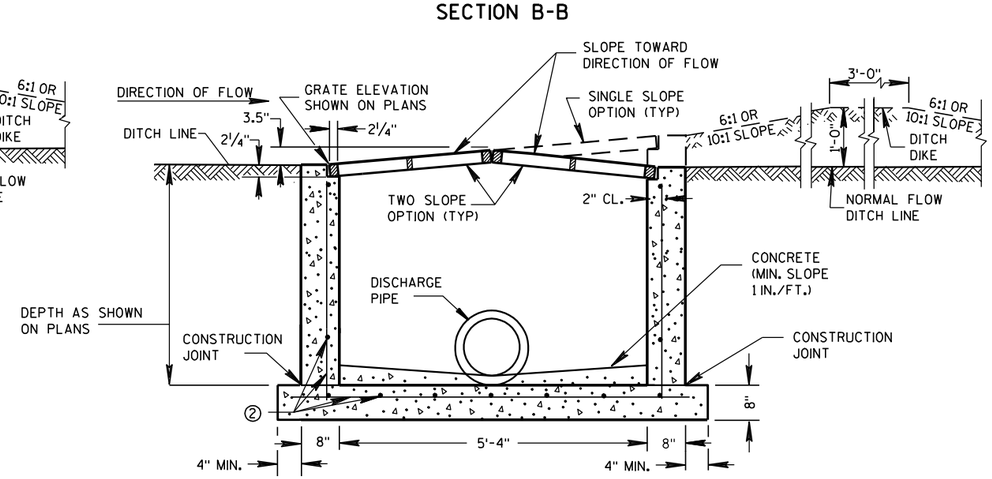
PRECAST REINFORCED CONCRETE SECTION A-A



PRECAST REINFORCED CONCRETE SECTION B-B



REINFORCED CAST-IN-PLACE CONCRETE SECTION A-A



REINFORCED CAST-IN-PLACE CONCRETE SECTION B-B

INLETS MEDIAN 1 GRATE

INLETS MEDIAN 2 GRATE

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 INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 1G-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

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.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

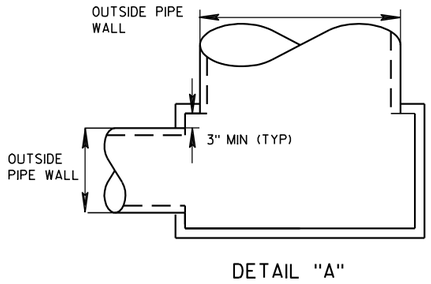
MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

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.

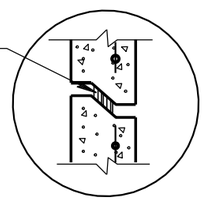
PIPE MATRIX

	MAXIMUM INSIDE PIPE DIAMETER	
INLET SIZE	WIDTH (IN)	LENGTH (IN)
1 GRATE	18	18
2 GRATE	18	42



DETAIL "A"

JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)



DETAIL "B"

INLETS MEDIAN 1 AND 2 GRATE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/5/2012
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

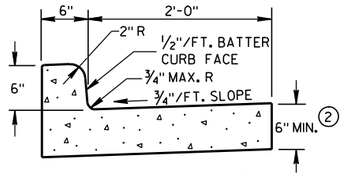
FHWA

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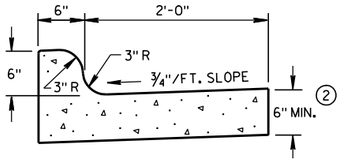
S.D.D. 8 C 8-1

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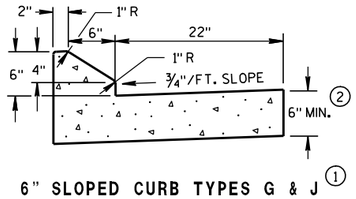
S.D.D. 8 C 8-1



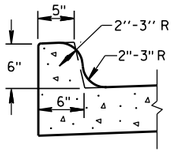
TYPES A & D (1)



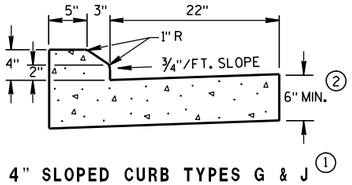
TYPES K & L (1)



6" SLOPED CURB TYPES G & J (1)

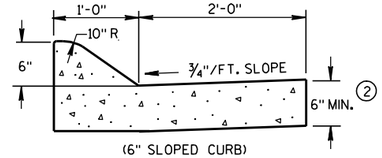


OPTIONAL CURB SHAPE FOR TYPES K & L (1)

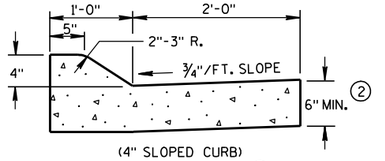


4" SLOPED CURB TYPES G & J (1)

CONCRETE CURB & GUTTER 30"

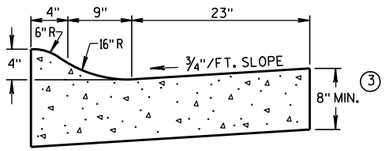


(6" SLOPED CURB)



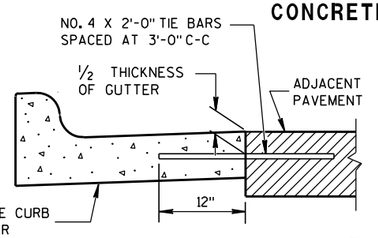
(4" SLOPED CURB)

TYPES A & D (1)

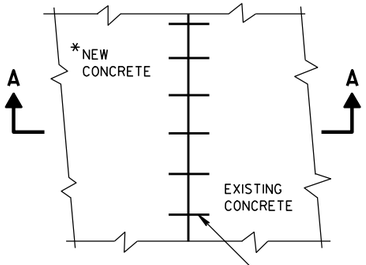


4" SLOPED CURB TYPES R & T (1) (4)

CONCRETE CURB & GUTTER 36"

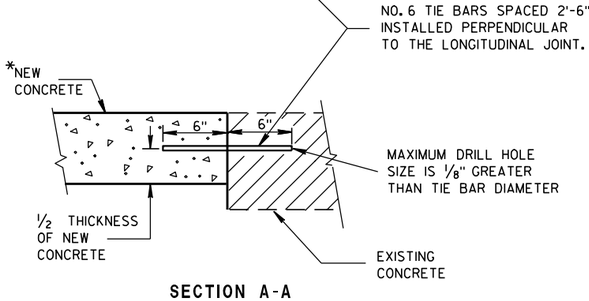


TYPICAL TIE BAR LOCATION (1)



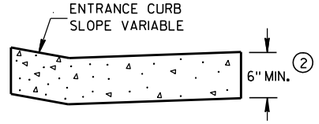
*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

PLAN VIEW



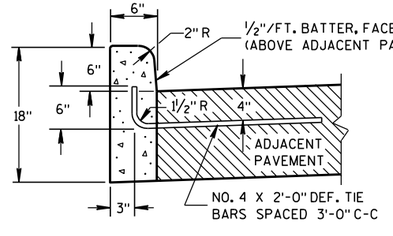
SECTION A-A

TIE BARS DRILLED INTO EXISTING PAVEMENT



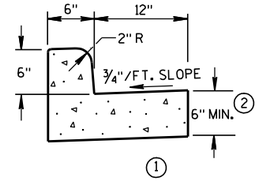
DRIVEWAY ENTRANCE CURB

(WHEN DIRECTED BY THE ENGINEER)



(1)

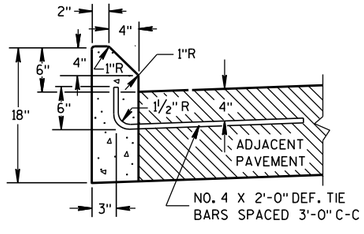
TYPES A & D



(1)

TYPES A & D

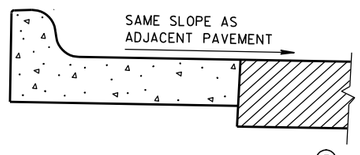
CONCRETE CURB & GUTTER 18"



(1)

TYPES G & J

CONCRETE CURB



(5)

REVERSE SLOPE GUTTER

(TYPICAL FOR ALL CURB & GUTTER TYPES)

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.

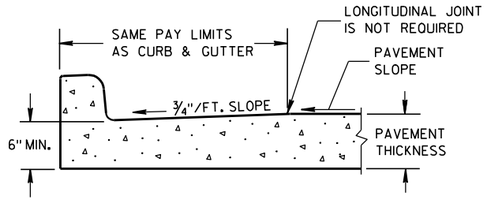
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K AND R.

(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.

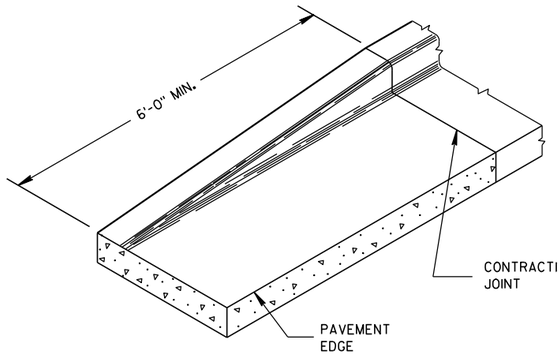
(3) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(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.



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB & GUTTER



END SECTION CURB & GUTTER

CONCRETE CURB, CONCRETE CURB & GUTTER AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
9/4/08 DATE
/S/ Jerry H. [illegible]
ROADWAY STANDARDS ENGINEER

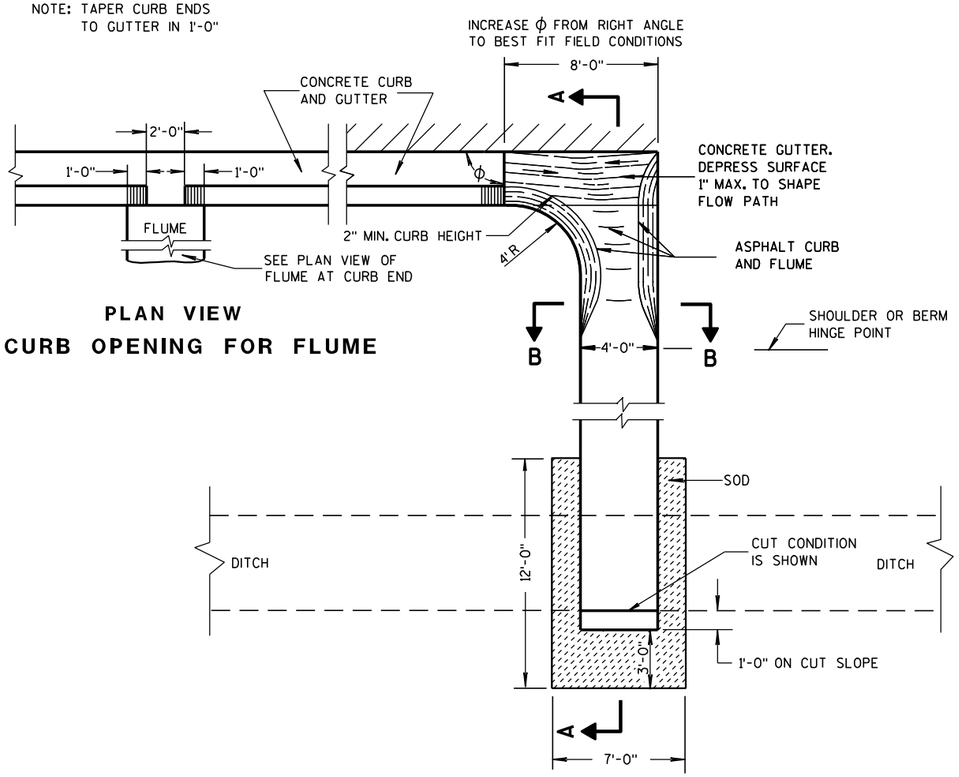
FHWA

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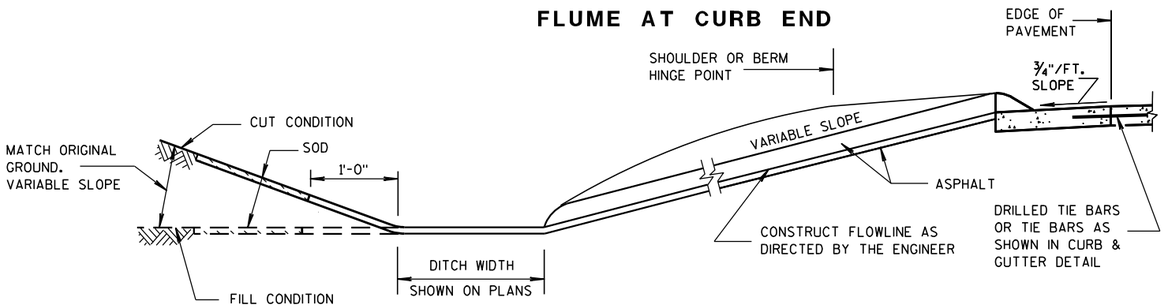
S.D.D. 8 D 1-17

ASPHALTIC FLUME

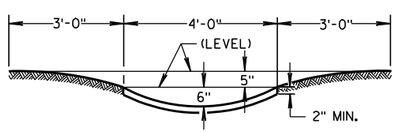


PLAN VIEW
CURB OPENING FOR FLUME

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.

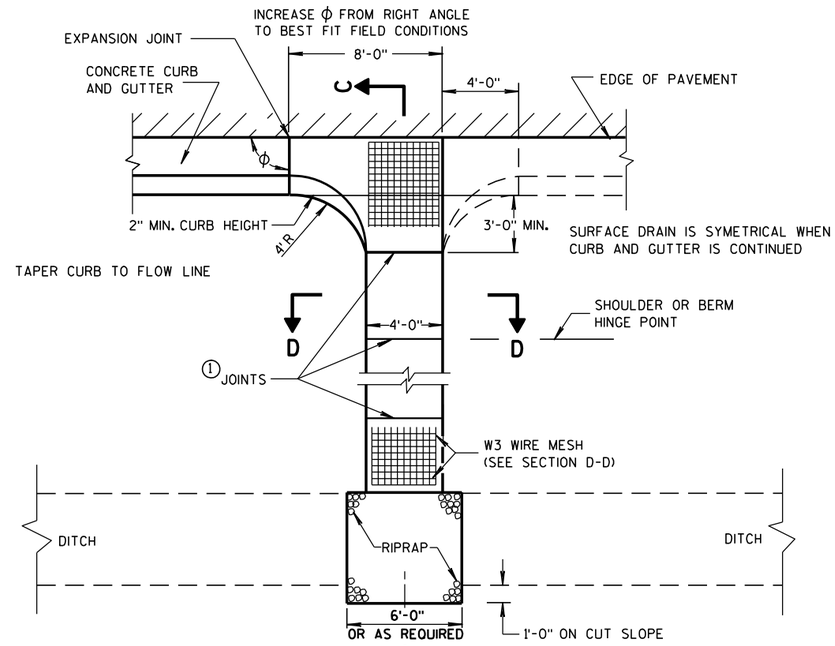
WELDED STEEL WIRE FABRIC SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

① JOINTS SHALL BE $\frac{1}{8}$ TO $\frac{1}{4}$ INCH WIDE BY $1\frac{1}{2}$ INCHES DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.

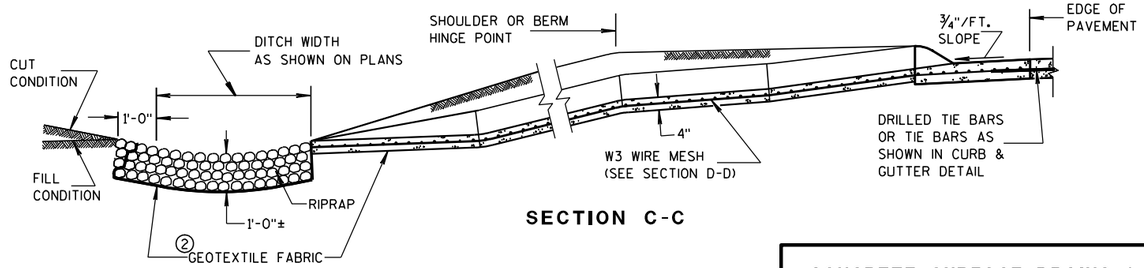
② GEOTEXTILE FABRIC TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.

③ CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED

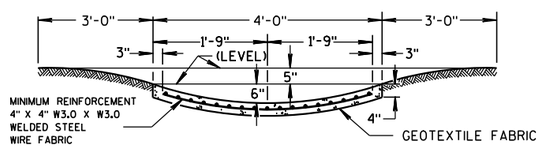
③ CONCRETE SURFACE DRAIN



PLAN VIEW



SECTION C-C



SECTION D-D

CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

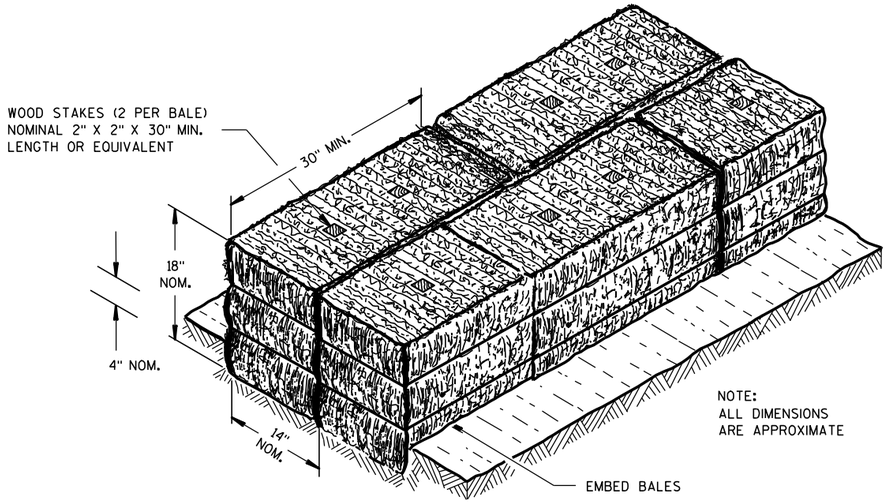
APPROVED
9-4-08 DATE
/S/ Jerry H. [illegible]
ROADWAY STANDARDS ENGINEER
206
[illegible]MENT
FHWA

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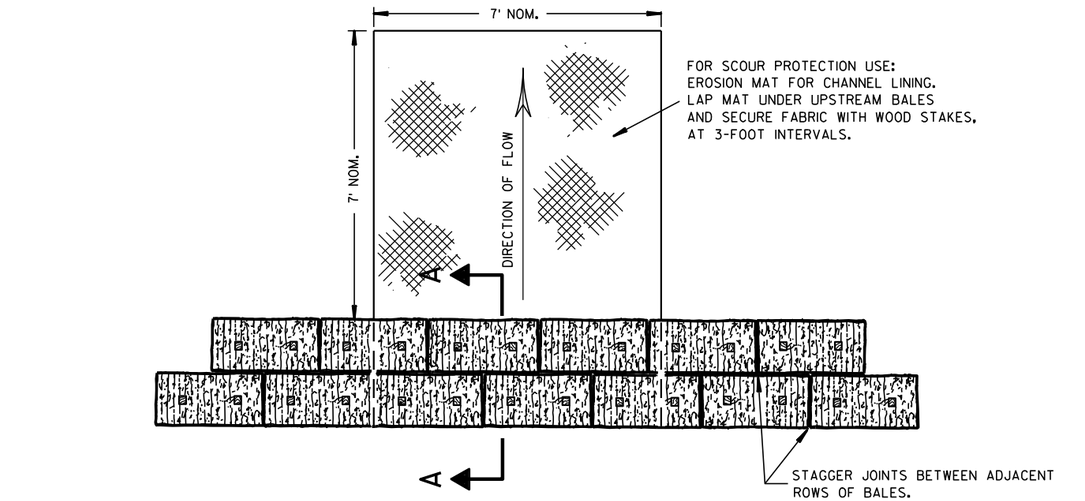
S.D.D. 8 D 4-5

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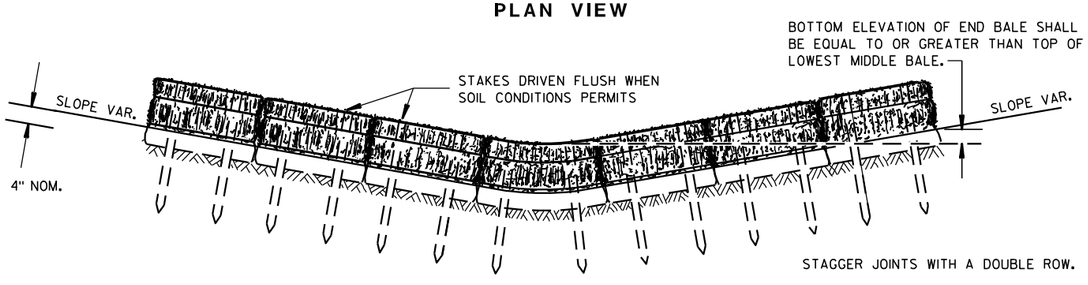
S.D.D. 8 D 4-5



SECTION A-A



PLAN VIEW



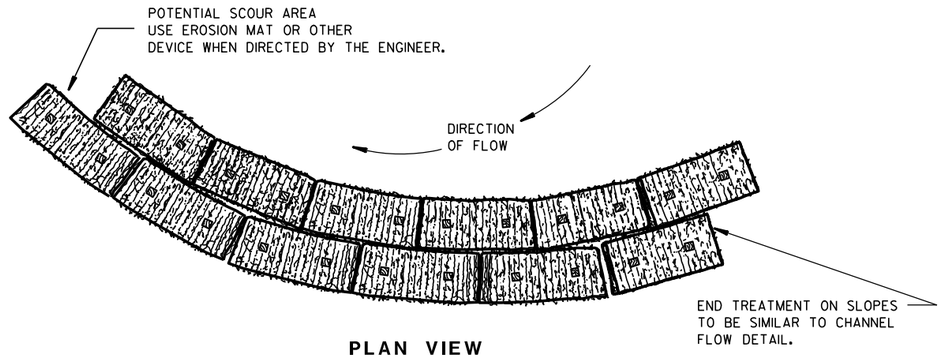
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

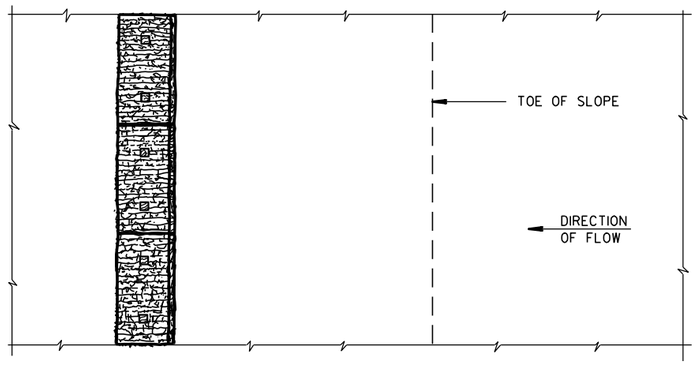
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(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.

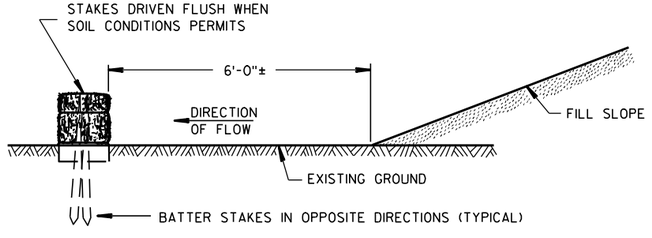


PLAN VIEW

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

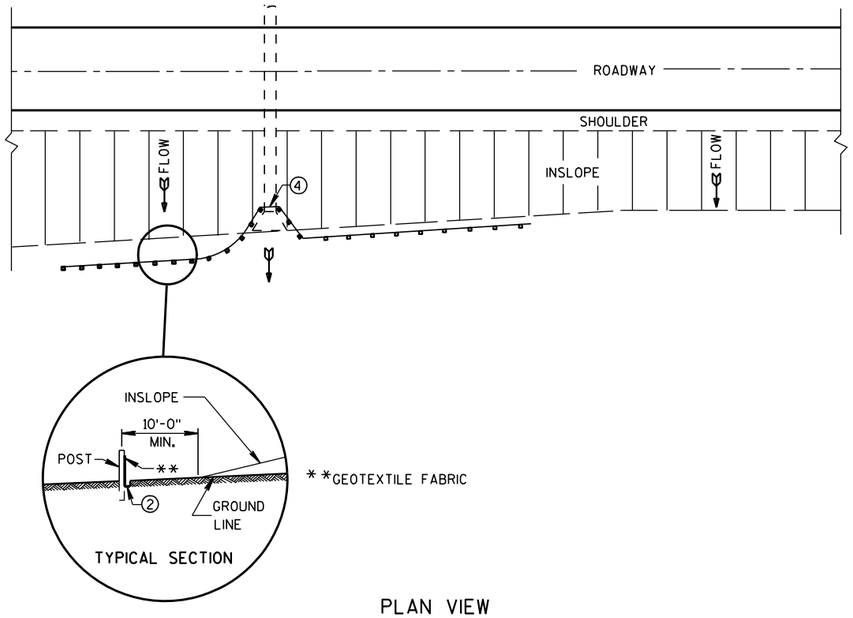
APPROVED
6/04/02 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 E 8-3

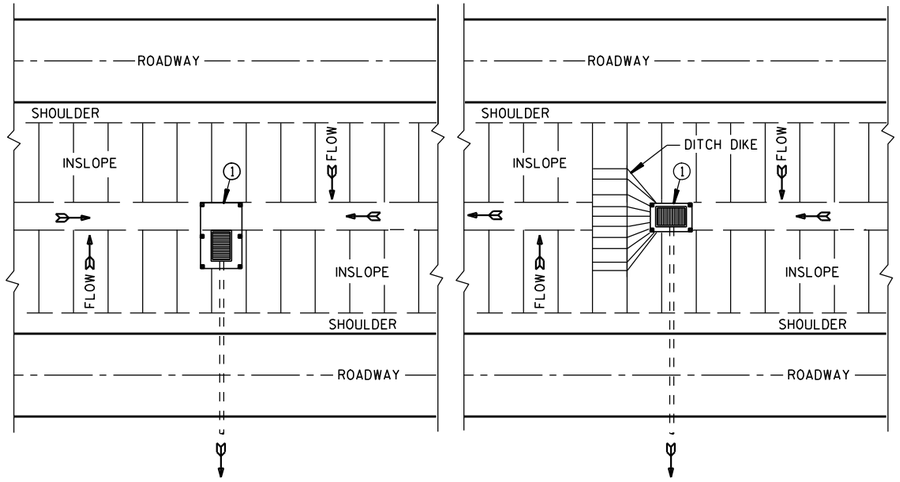
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S.D.D. 8 E 8-3



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.

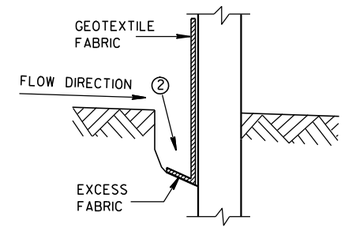
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

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.

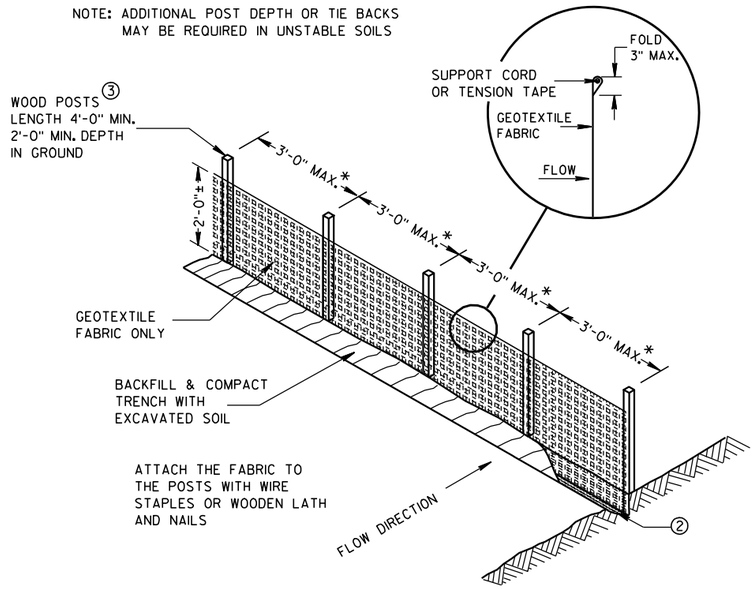
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

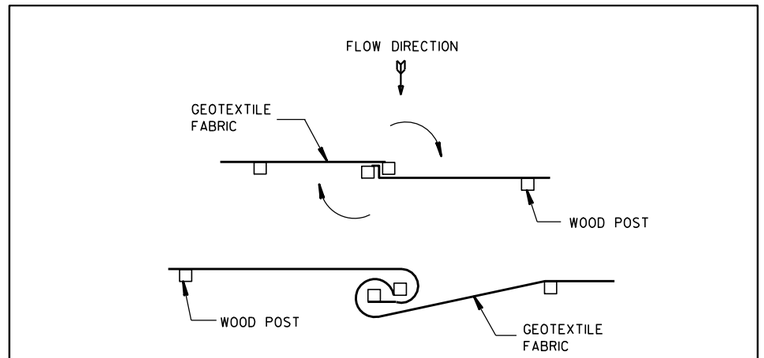
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



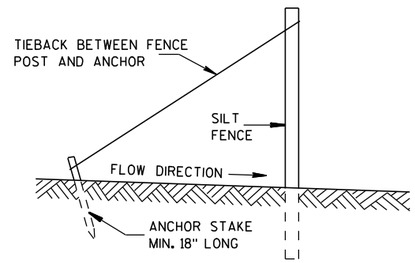
TRENCH DETAIL



SILT FENCE



JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

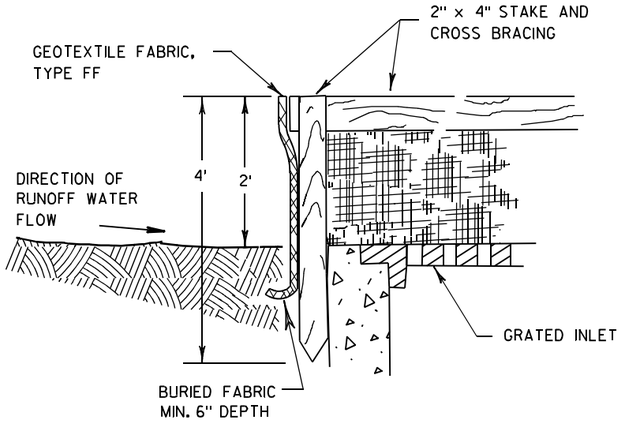
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

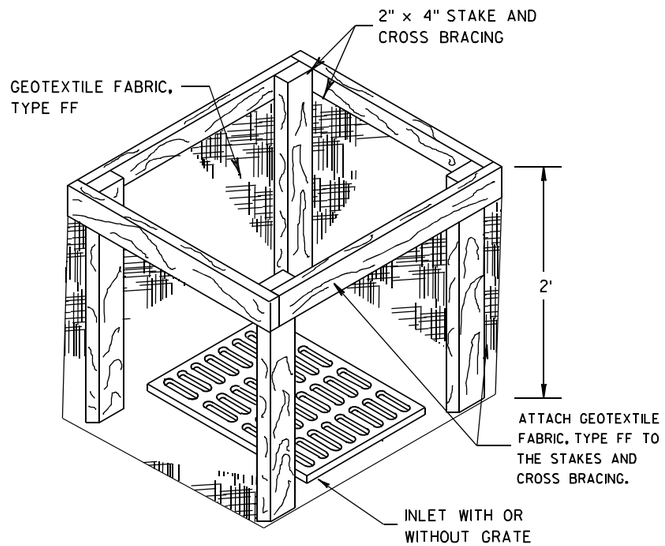
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S.D.D. 8 E 9-6

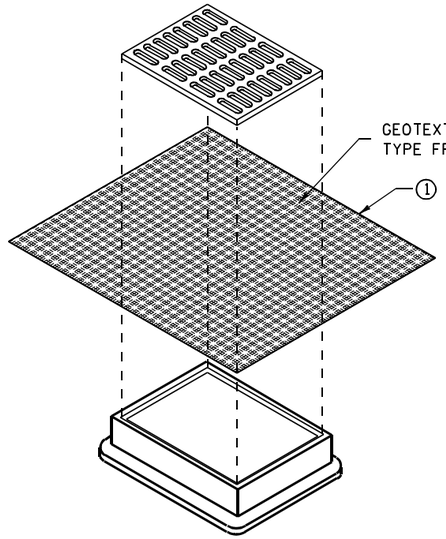
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S.D.D. 8 E 9-6



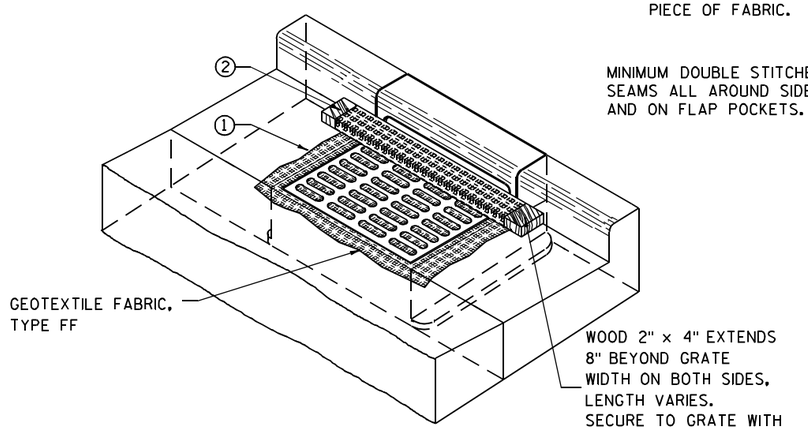


INLET PROTECTION, TYPE A

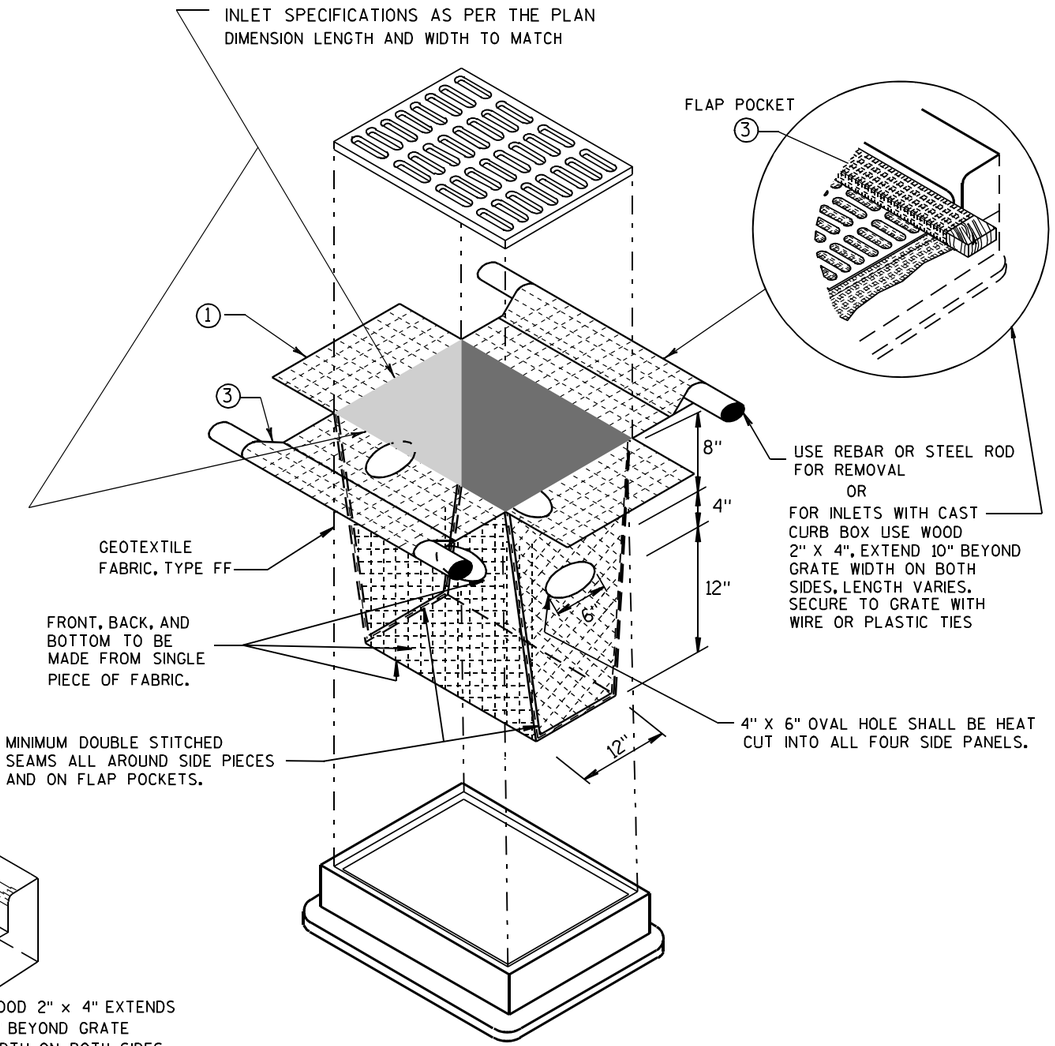


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

10/16/02
DATE

/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

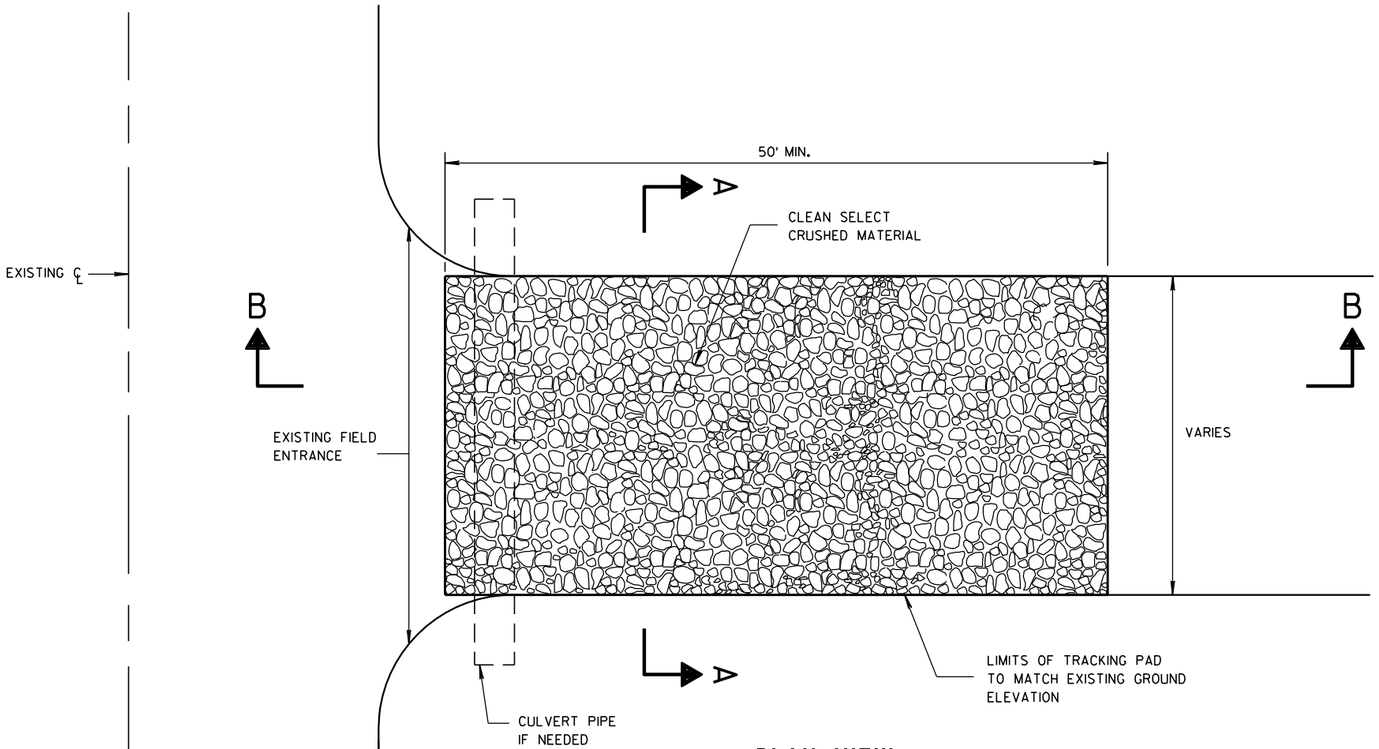
FHWA

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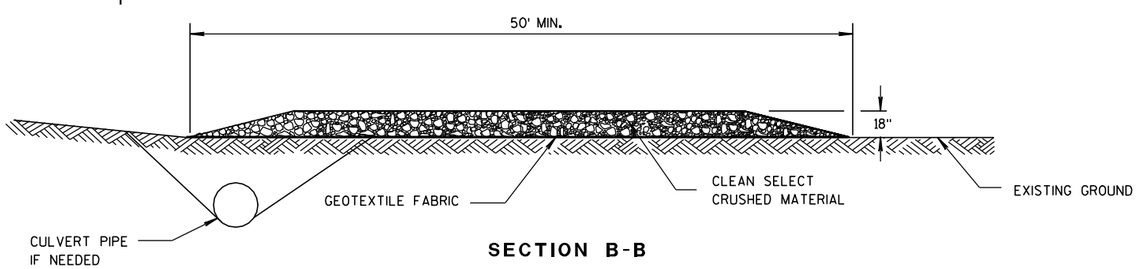
S.D.D. 8 E 10-2

6

S.D.D. 8 E 10-2



PLAN VIEW



SECTION B-B

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.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

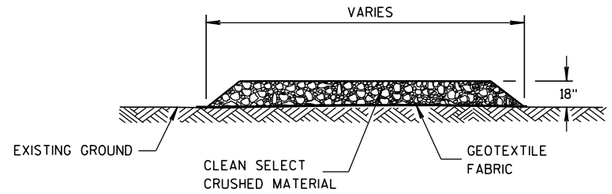
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A-A

TRACKING PAD

6

S.D.D. 8 E 14-1

TRACKING PAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

3/24/2011
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS ENGINEER

FHWA

ENT

6

S.D.D. 8 E 14-1

METAL APRON ENDWALLS

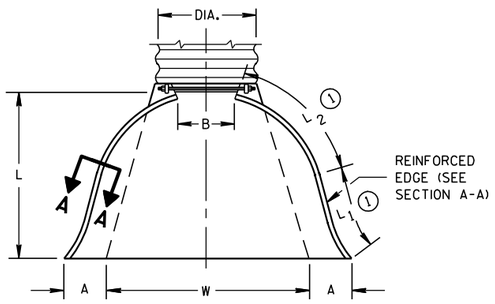
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	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

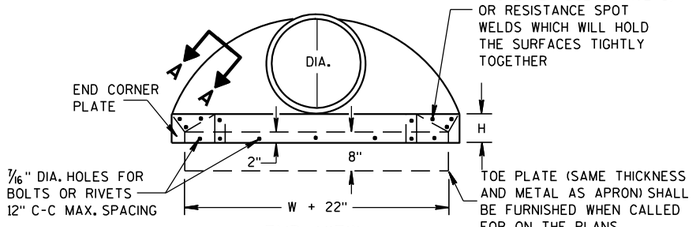
REINFORCED CONCRETE APRON ENDWALLS

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

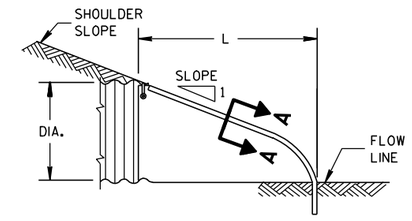
*MINIMUM
**MAXIMUM



PLAN VIEW

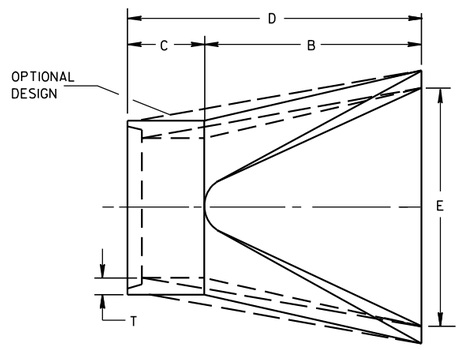


END VIEW

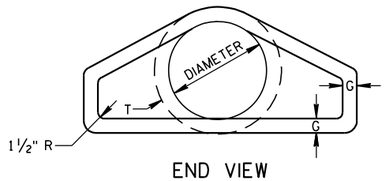


SIDE ELEVATION

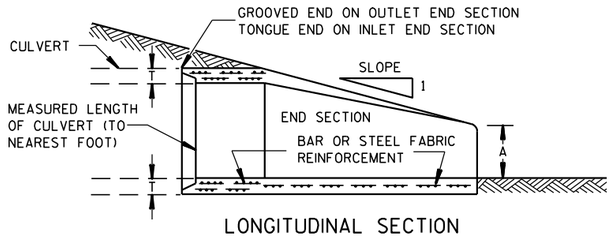
METAL ENDWALLS



PLAN

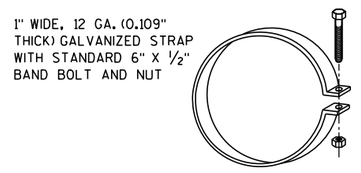


END VIEW



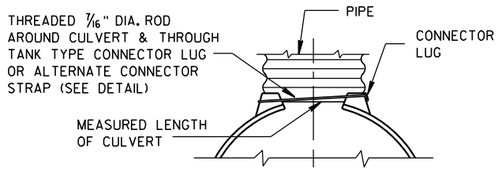
LONGITUDINAL SECTION

CONCRETE ENDWALLS

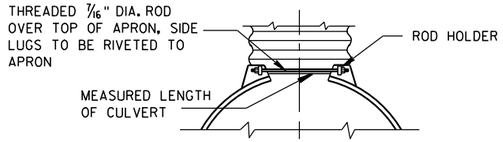


ALTERNATE FOR TYPE 1 CONNECTION

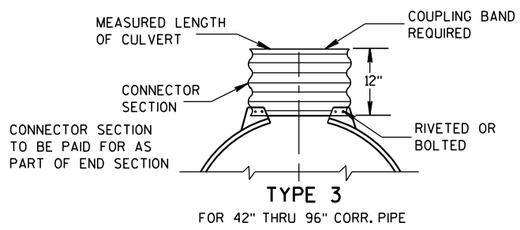
END SECTION CONNECTOR STRAP



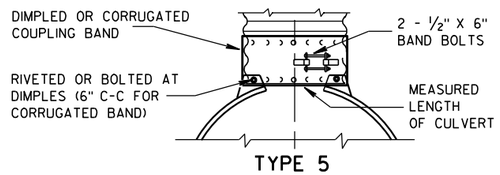
TYPE 1
FOR 12" THRU 24" CORR. PIPE



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

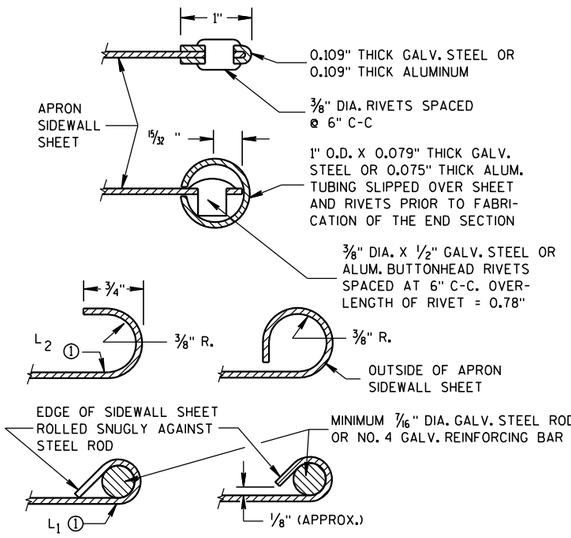
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

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.

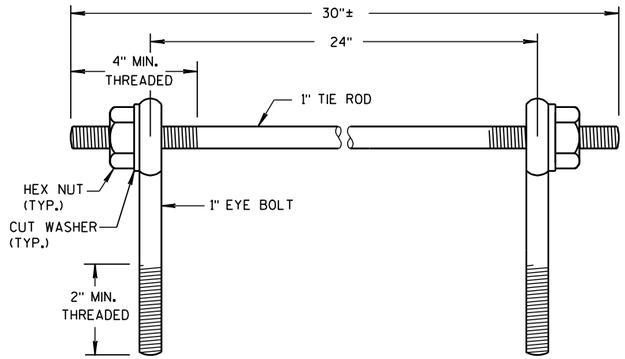
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

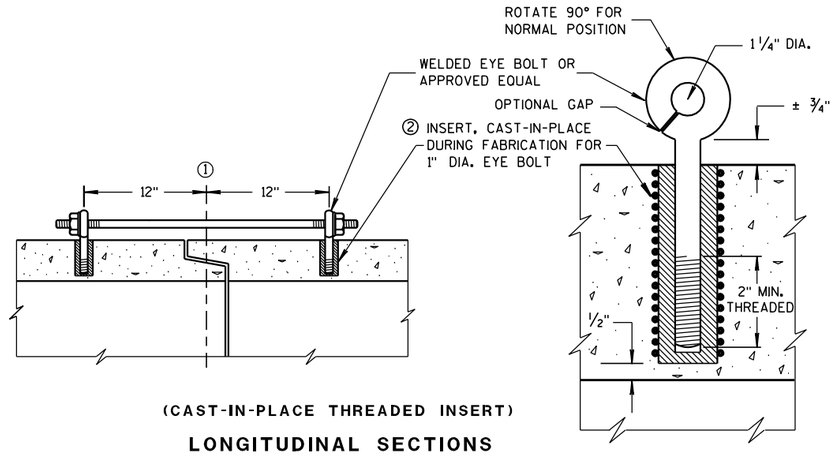
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 F 1-11



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.

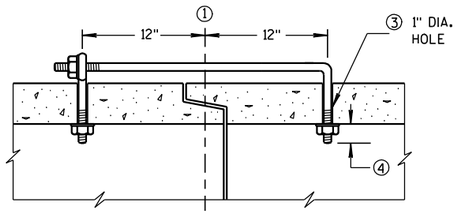
② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ℄ OF TONGUE AND GROOVE.

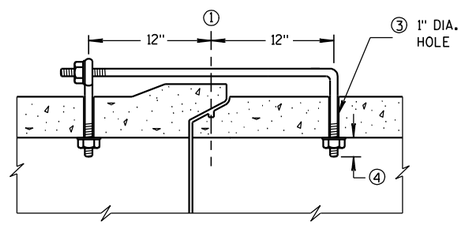
④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

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)

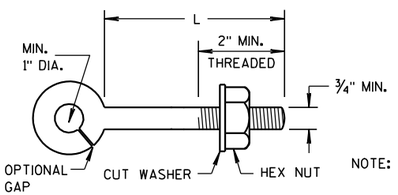


(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

EYE BOLT DIMENSION TABLE

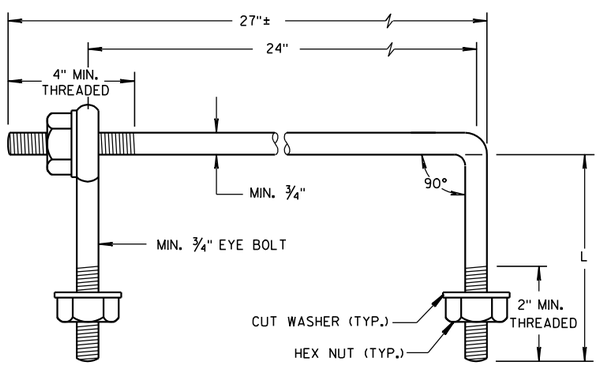
PIPE SIZE	L = LENGTH	
	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
18" TO 24"	4 1/2"	6 1/4"
30"	5"	7"
36"	5 1/2"	7"
42"	6"	
48"	6 1/2"	
60"	7 1/2"	
66"	8"	



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

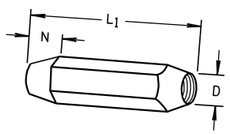
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

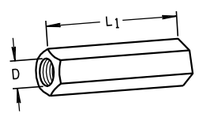
ADJUSTABLE TIE ROD TABLE

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



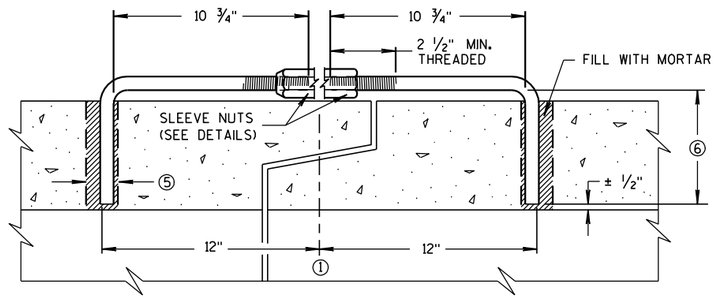
TAPERED



PLAIN

RIGHT AND LEFT THREADS

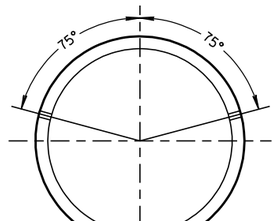
SLEEVE NUTS



LONGITUDINAL SECTION

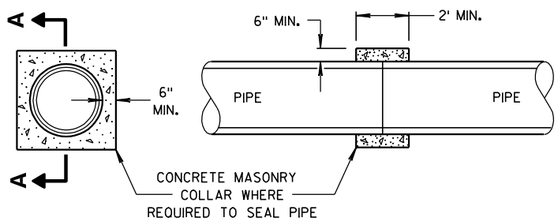
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

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

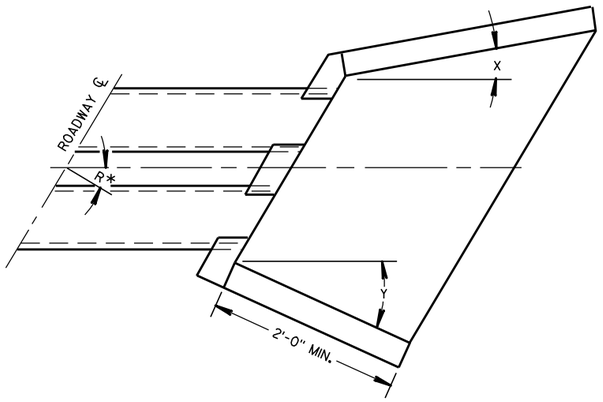
APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

S.D.D. 8 F 4-7

6

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.

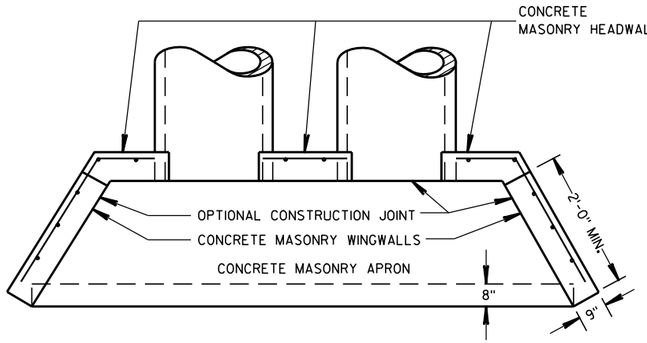
FILL SLOPES FLATTER THAN 2 ½:1 SHALL BE WARPED TO MEET THE TOP OF THE WINGWALLS.

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.

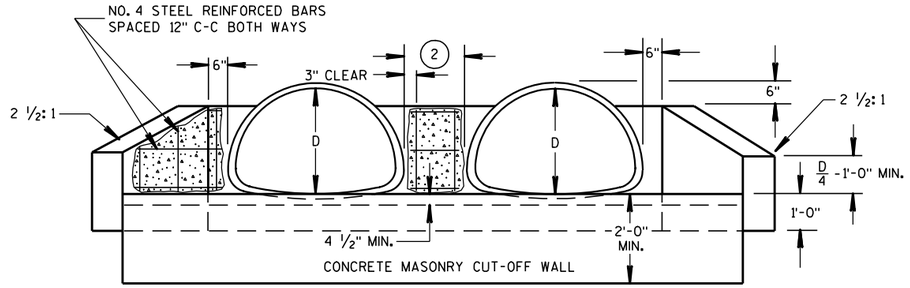
(2) THE SPACE BETWEEN PIPES SHALL BE AS FOLLOWS:

DIAMETER OR SPAN	SPACE
UP TO AND INCLUDING 48"	2'-0"
OVER 48" TO 72"	½ DIA. OR SPAN
OVER 72"	3'-0"



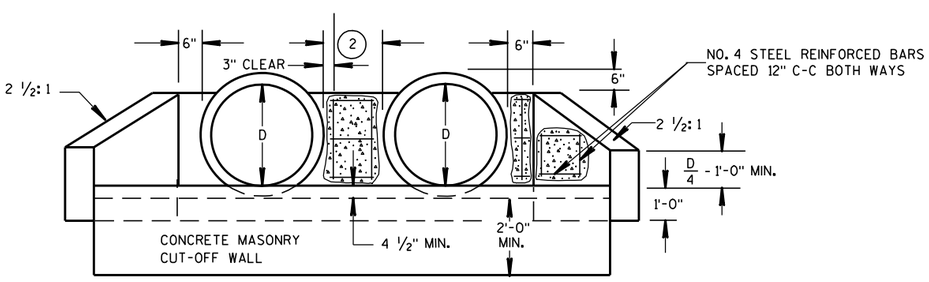
PLAN VIEW

CULVERT PIPE AND PIPE ARCH



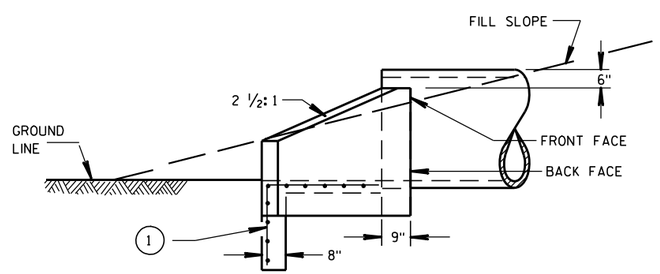
END ELEVATION

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

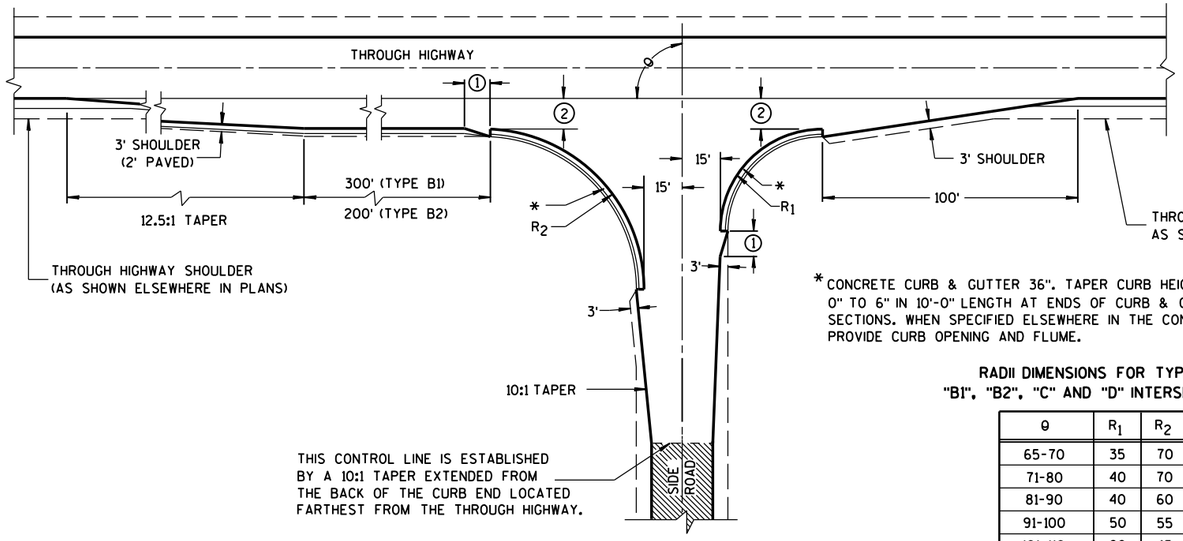
APPROVED
9/14/98 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 F 10-1

6

S.D.D. 8 F 10-1

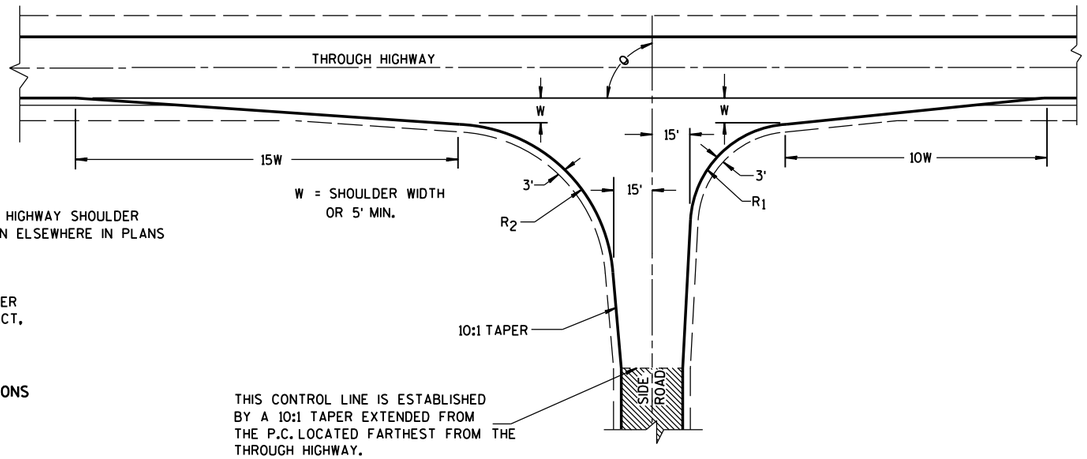


TYPE "B1" AND "B2"

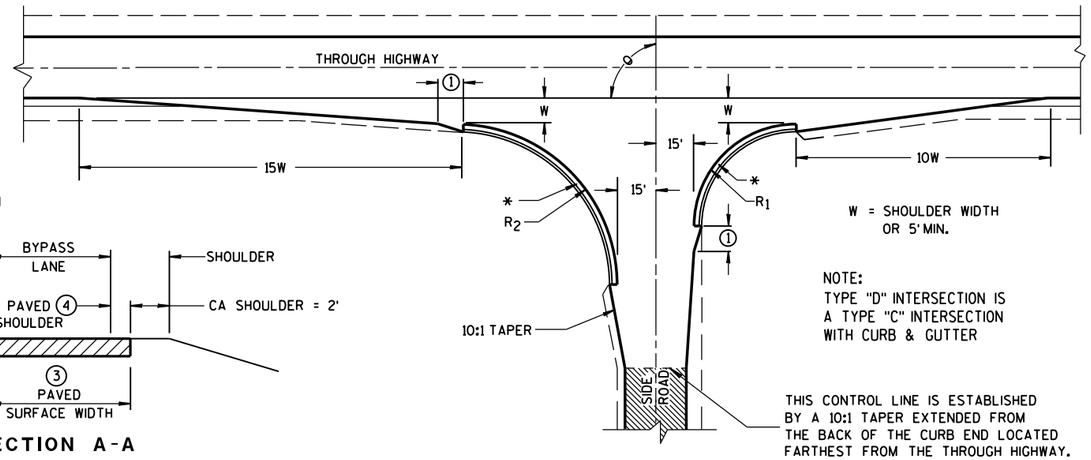
*CONCRETE CURB & GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10'-0" LENGTH AT ENDS OF CURB & GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME.

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

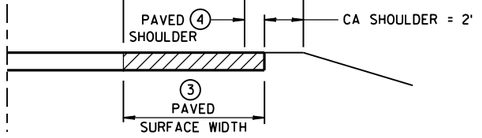
(1) 10-FT TYPICAL.

(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

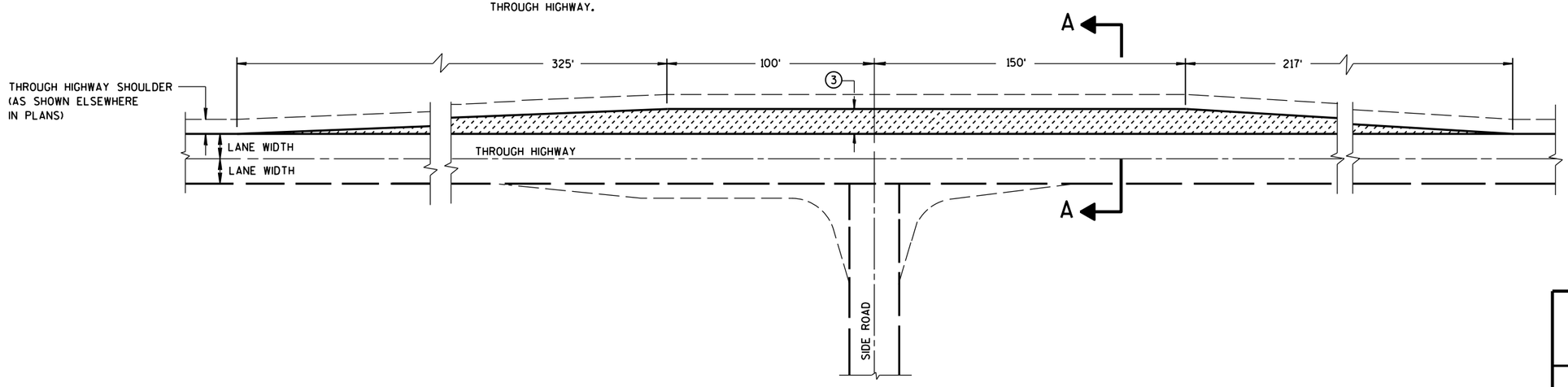
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(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)



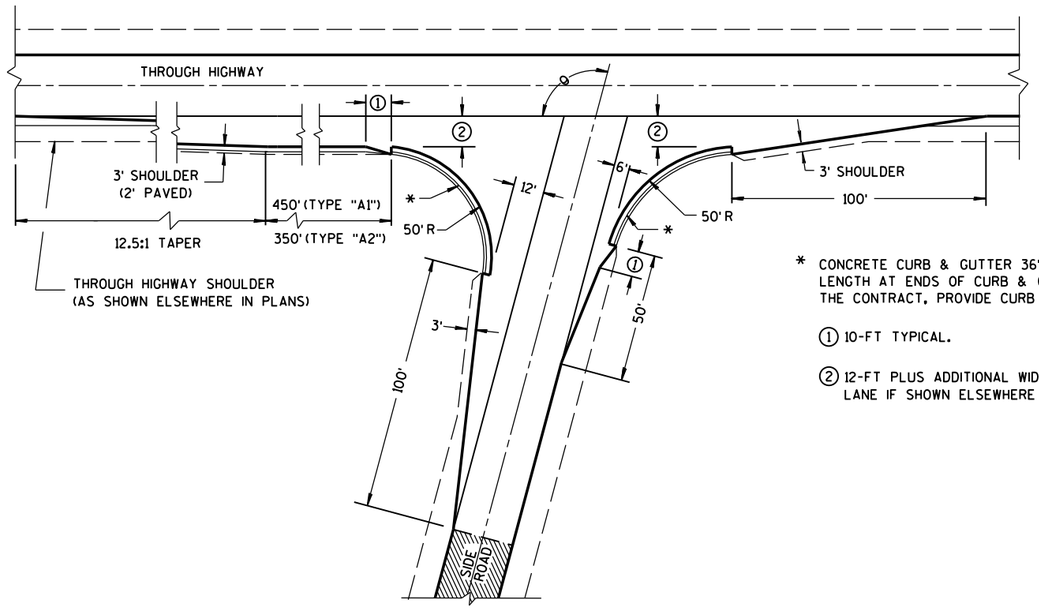
TEE INTERSECTION BYPASS LANE DETAIL

AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND "D" AND TEE INTERSECTION BYPASS LANE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 9 A 1-13a



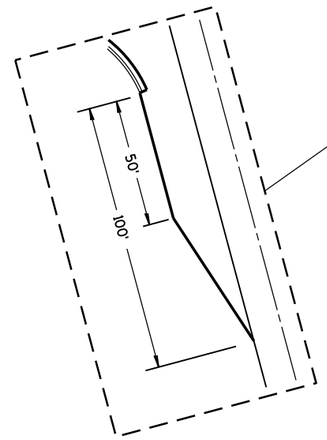
θ = MORE THAN 80°

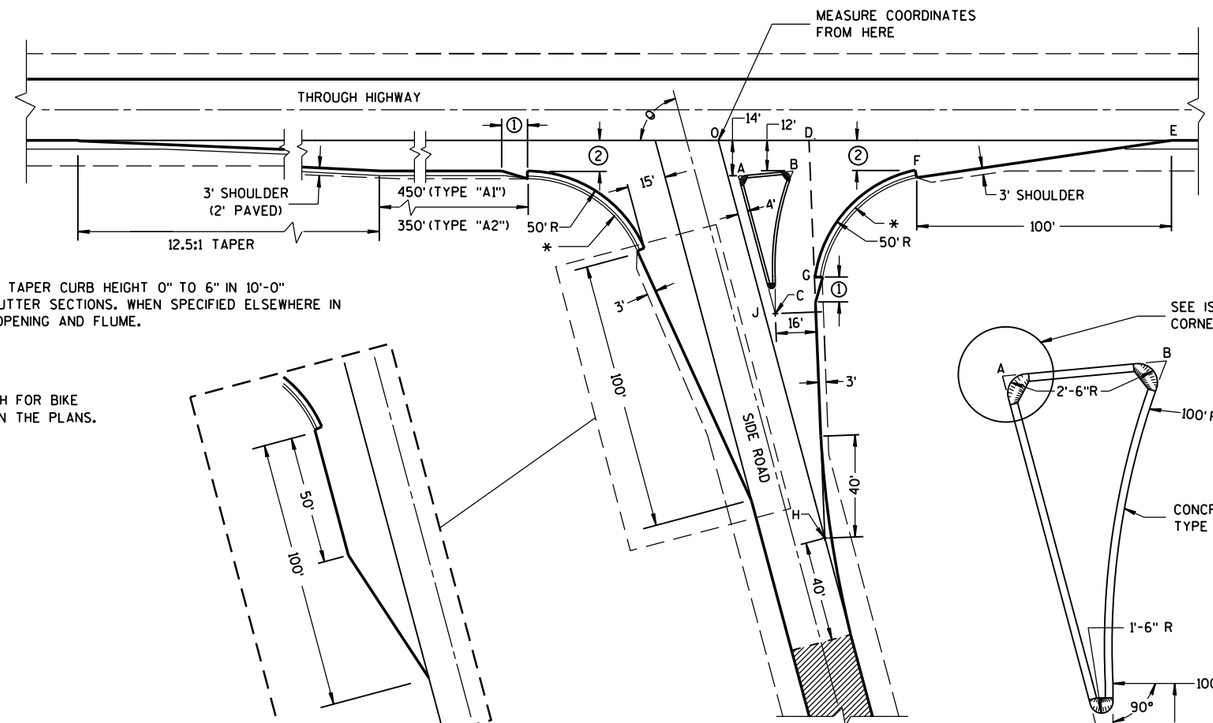
* CONCRETE CURB & GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10'-0" LENGTH AT ENDS OF CURB & GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME.

① 10-FT TYPICAL.

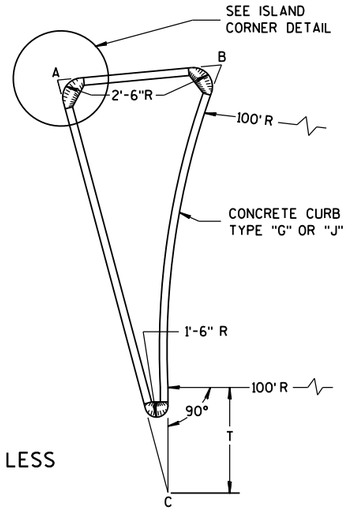
② 12-FT PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLANS.

EXISTING PAVED SURFACE





θ = ACUTE ANGLES 80° OR LESS

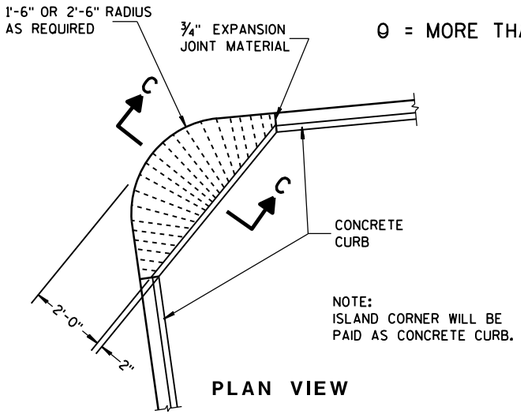


SIDE ROAD WIDENING AND TAPER REQUIRED WHERE THE THROUGH HIGHWAY CARRIES TWO-WAY TRAFFIC
θ = ACUTE ANGLES 70° OR LESS

TABLE OF DIMENSIONS FOR
VARIABLE SIDE ROAD INTERSECTION ANGLES
(INTERPOLATE VALUES FOR ANGLES NOT SHOWN)

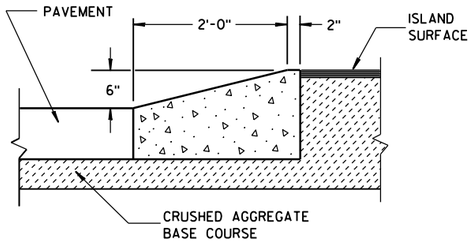
ANGLE θ DEGREES	COORDINATES IN FEET (MEASURED FROM POINT "O") X / Y								LENGTH IN FEET				
	A	B	C	D	E	F	G	H	AB	AC	T	OJ	OH
60	12.7 / -14.0	44.9 / -12.0	46.4 / -72.4	41.9 / 0.0	205.0 / 0.0	104.6 / -12.0	64.0 / -75.5	85.0 / -147.1	32.3	67.4	4.9	85.9	169.9
65	10.9 / -14.0	39.0 / -12.0	37.8 / -71.6	39.4 / 0.0	196.1 / 0.0	95.7 / -12.0	54.1 / -71.5	70.5 / -151.3	28.2	63.6	8.5	80.9	166.9
70	9.4 / -14.0	33.9 / -12.0	29.8 / -70.1	37.4 / 0.0	188.3 / 0.0	87.8 / -12.0	45.6 / -67.5	56.1 / -154.2	24.6	59.7	11.5	76.1	164.1
75	7.9 / -14.0	29.3 / -12.0	22.3 / -67.9	35.7 / 0.0	181.2 / 0.0	80.7 / -12.0	38.2 / -63.4	41.8 / -155.9	21.5	55.8	13.8	71.4	161.4
80	6.5 / -14.0	25.4 / -12.0	15.6 / -65.2	34.4 / 0.0	174.8 / 0.0	74.4 / -12.0	31.8 / -59.3	27.6 / -156.5	18.9	52.0	15.6	66.9	158.9

TYPE "A1" & "A2" SIDE ROAD INTERSECTION DETAILS



NOTE:
ISLAND CORNER WILL BE PAID AS CONCRETE CURB.

PLAN VIEW



SECTION C-C

ISLAND CORNER DETAIL

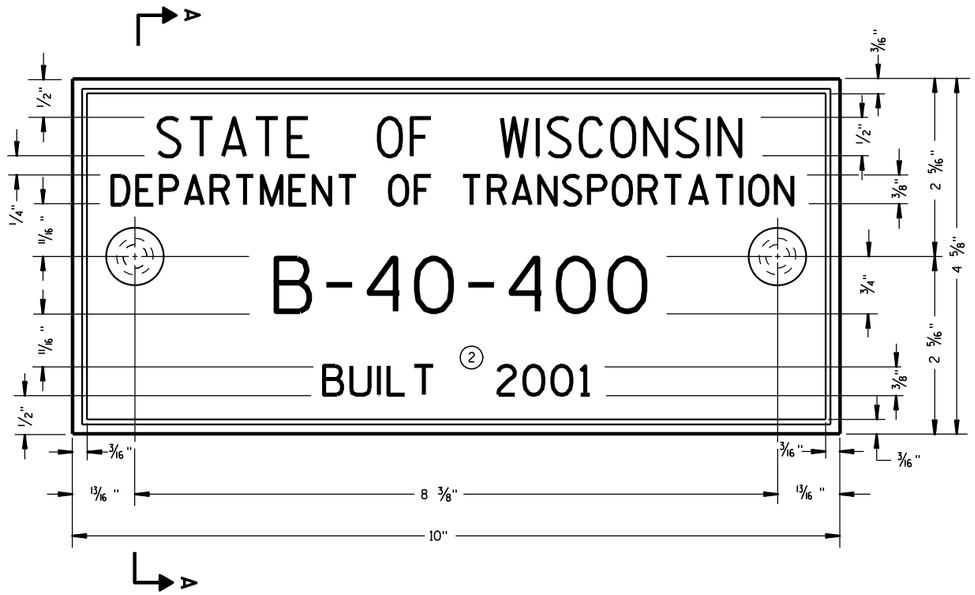
(TO BE CONSTRUCTED AT ALL ISLAND CORNERS)

AT-GRADE SIDE ROAD
INTERSECTION, TYPE "A1" & "A2"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12/18/12 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 9 A 1-13b



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

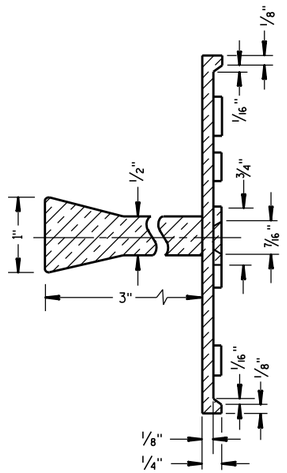
GENERAL NOTES

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.

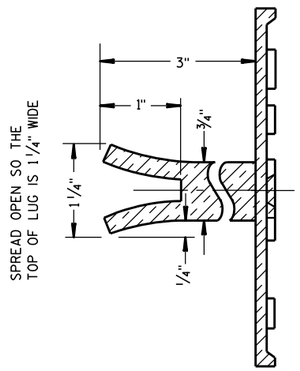
THE BRIDGE NUMBER AND YEAR BUILT SHOWN ON THIS DRAWING ARE EXAMPLES ONLY. SEE CONSTRUCTION PLANS FOR INDIVIDUAL NUMBERING AND YEAR BUILT.

(1) EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

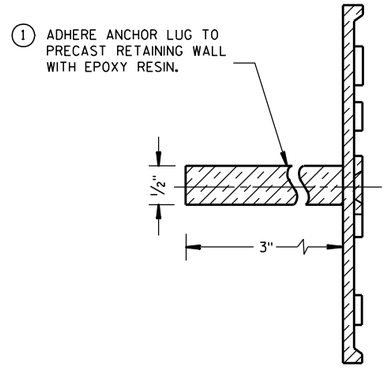
(2) REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE CONSTRUCTION.



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 ENGINEER

FHWA

6

S.D.D. 12 A 3-10

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) W6 X 9 OR W6 X 8.5 STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6" X 8" WOOD POSTS WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS. APPROVED PLASTIC BLOCKOUT DESIGNS MAY VARY FROM THIS TYPICAL DETAIL WHEN USED IN CONJUNCTION WITH STEEL POSTS.

DO NOT MIX STEEL POSTS AND WOOD POSTS IN A SINGLE INSTALLATION.

(2) USE STRUCTURAL STEEL POSTS CONFORMING TO ASTM A 36. GALVANIZED POSTS ACCORDING TO AASHTO M 111. EITHER SET THE POSTS IN DRILLED HOLES OR DRIVE TO GRADE. REMOVE MUSHROOMING CAUSED BY DRIVING AND REPAIR DAMAGED SPELTER COATING ON GALVANIZED POSTS.

(3) INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(4) USE EITHER WOOD OR APPROVED PLASTIC BLOCKOUTS ON WOOD POSTS.

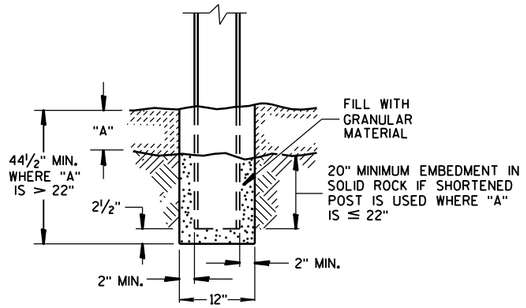
(5) IF THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING, W BEAM (LHW).

(6) IF ROCK IS ENCOUNTERED DURING EXCAVATION, THE ENGINEER MAY APPROVE USING A 12 INCH DIAMETER POST HOLE EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE APPROXIMATELY 2½ INCHES DEEP. CUT THE POSTS TO LENGTH AND PLACE IN YHE HOLE. BACKFILL WITH MATERIAL EXCAVATED FROM THE HOLE AND COMPACT ADEQUATEY.

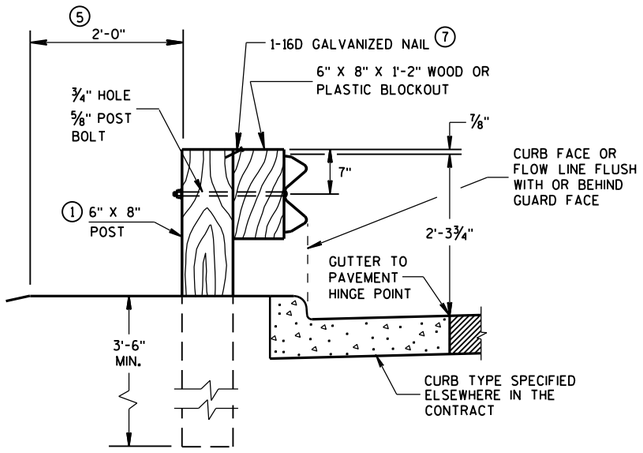
(7) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

INSTALL BEAM GUARD SECTIONS AND ALL NECESSARY HARDWARE ACCORDING TO THE APPLICABLE PLAN AND CURRENT STANDARD AND SUPPLEMENTAL SPECIFICATIONS.

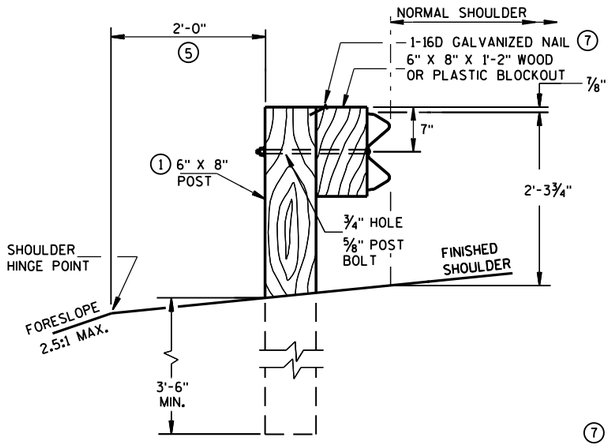
ALL DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES EXCEPT WHERE ALLOWABLE TOLERANCES ARE SHOWN.



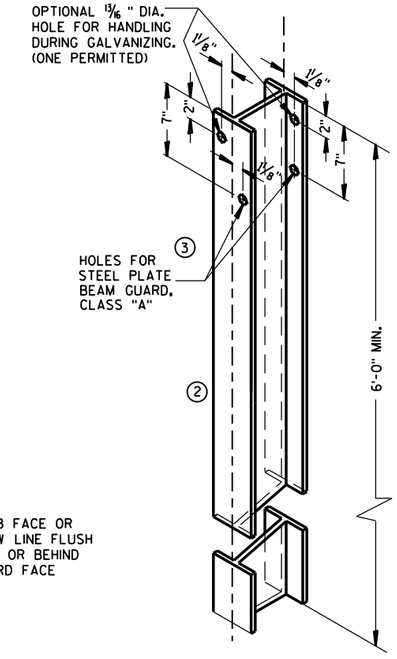
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (6)



END VIEW
LOCATED ALONG A CURBED ROADWAY

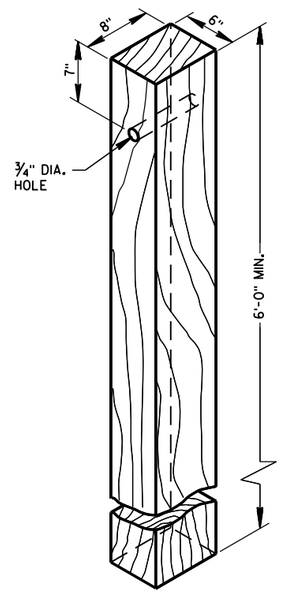


END VIEW
LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION

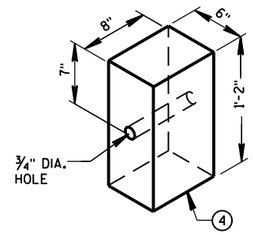


STEEL POST &
HOLE PUNCHING DETAIL
(W6 X 9) (1)

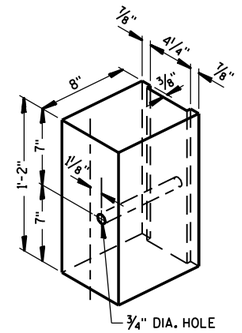
ALL HOLES 13/16" DIAMETER EXCEPT AS NOTED



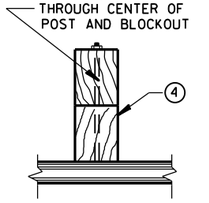
WOOD POST
(6"X8") NOMINAL



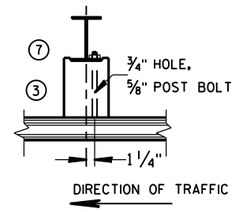
WOOD OR PLASTIC
BLOCKOUT FOR
WOOD POSTS



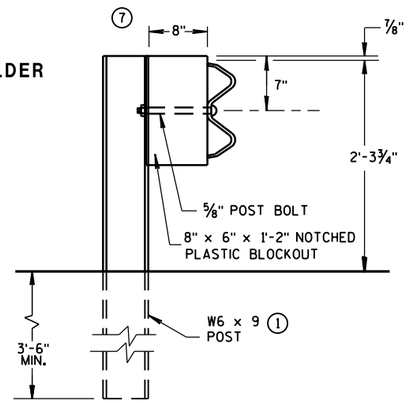
TYPICAL NOTCHED (1)
PLASTIC BLOCKOUT
FOR STEEL POSTS



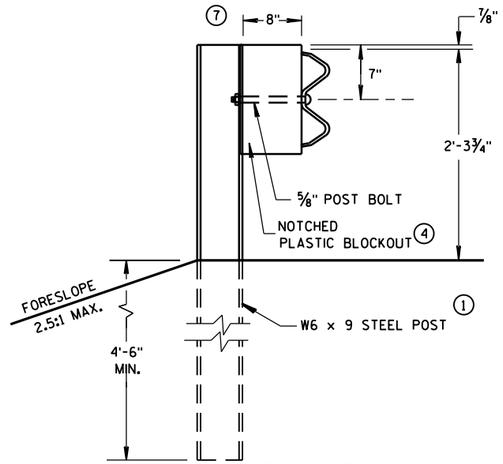
PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



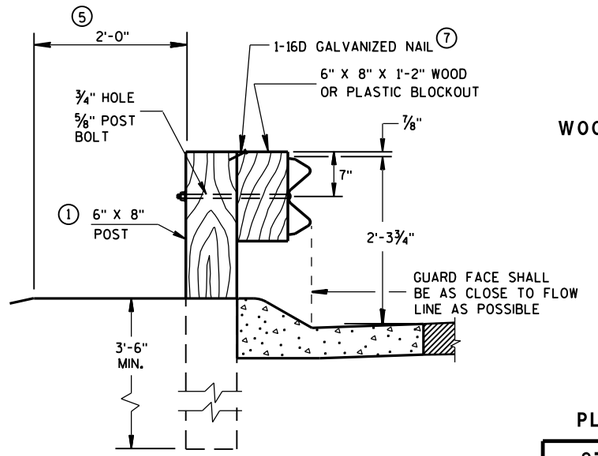
PLAN VIEW
STEEL POST, NOTCHED
PLASTIC BLOCKOUT & BEAM



END VIEW
STEEL POST & NOTCHED
PLASTIC BLOCKOUT ALTERNATIVE
STANDARD INSTALLATION



END VIEW
LONGER POST AT HALF
POST SPACING W BEAM
(LHW)



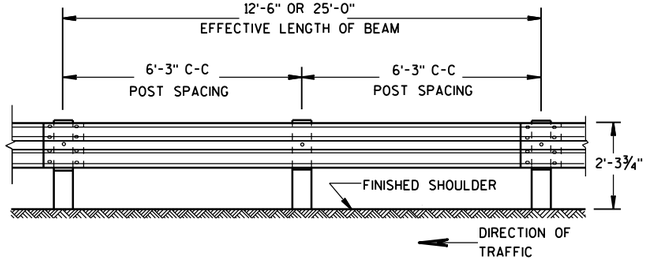
END VIEW
LOCATED ALONG A
MOUNTABLE CURBED ROADWAY

TYPICAL INSTALLATION OF STEEL PLATE BEAM GUARD

STEEL PLATE BEAM GUARD,
CLASS "A"
INSTALLATION & ELEMENTS

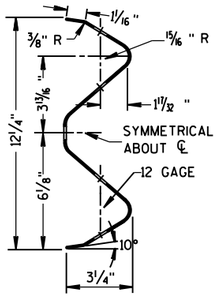
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6
S.D.D. 14 B 15-8a

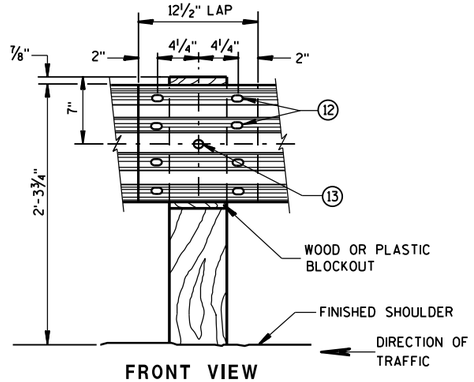


FRONT VIEW

POST SPACING STANDARD INSTALLATION



SECTION THRU W BEAM



FRONT VIEW

BEAM SPLICE AT WOOD POST AND POST MOUNTING DETAIL

GENERAL NOTES

(8) 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.

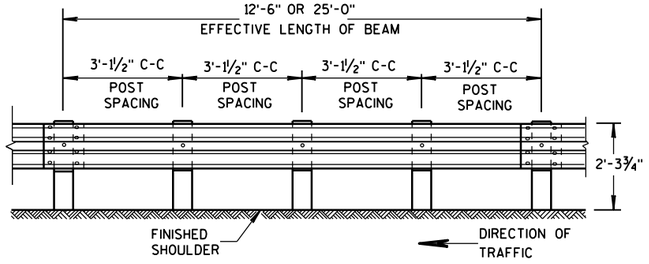
(9) DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

(10) REVERSE EVERY OTHER REFLECTOR FOR 2-WAY VISIBILITY. THE CONTRACTOR MAY FURNISH TWO-SIDED REFLECTORS IN LIEU OF ONE-SIDED REFLECTORS.

(11) PROVIDE AN ANGLE OF BEND OF 90° ± 1° FOR TWO-SIDED REFLECTORS.

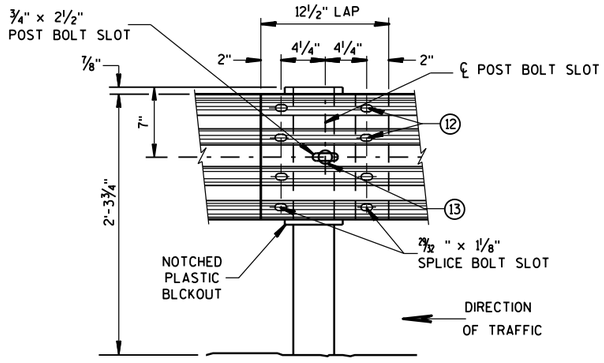
(12) 8 -⅝" ϕ X 2" BUTTON HEAD BOLTS WITH OVAL SHOULDERS & RECESS NUTS.

(13) ⅝" DIA. BUTTON HEAD BOLT AND RECESS NUT WITH ⅝" DIA. F844 FLAT WASHER UNDER NUT.



FRONT VIEW

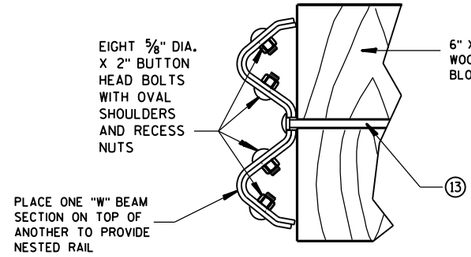
POST SPACING FOR LONGER POST AT HALF POST SPACING W BEAM (LHW)



FRONT VIEW

BEAM SPLICE AT STEEL POST

TYPICAL SPLICING DETAILS OF STEEL PLATE BEAM GUARD

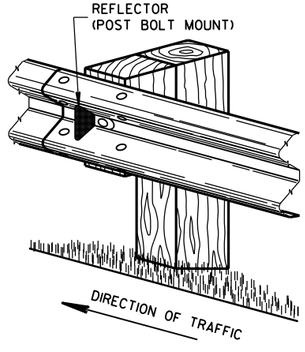


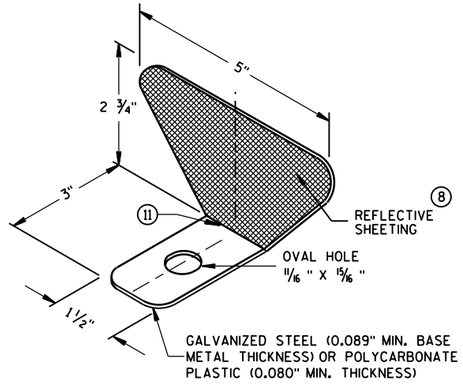
NESTED W BEAM (NW)

USE ALL OTHER STANDARD BEAM GUARD DETAILS FOR CONSTRUCTING NESTED W BEAM (NW)

REFLECTOR SPACING (9)

	BEAM GUARD LENGTH	REFLECTOR SPACING	NO. SURFACES REFLECTORIZED	MIN. NO. REFLECTORS
ONE WAY TRAFFIC	< 200'	50' C-C	1	3
	> 200'	100' C-C	1	
TWO WAY TRAFFIC	< 200'	25' C-C	1 (10)	6
	> 200'	50' C-C	1	
TWO WAY TRAFFIC	< 200'	50' C-C	2 (11)	3
	> 200'	100' C-C	2	



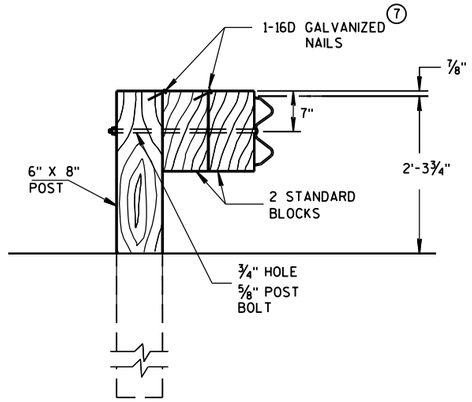


ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION (8)

STEEL PLATE BEAM GUARD,
CLASS "A",
INSTALLATION & ELEMENTS

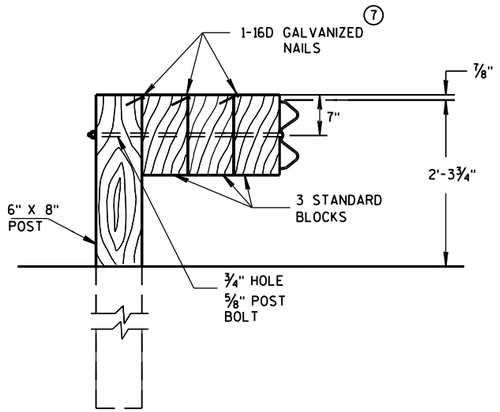
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 14 B 15-8b



DETAIL FOR DOUBLE BLOCKS

THE NUMBER OF DOUBLE BLOCK POSTS WITHIN A BARRIER RUN IS UNLIMITED

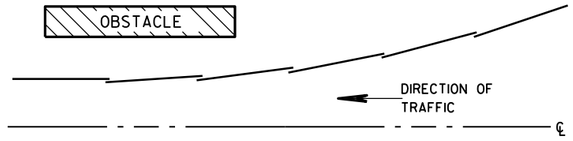


DETAIL FOR TRIPLE BLOCKS

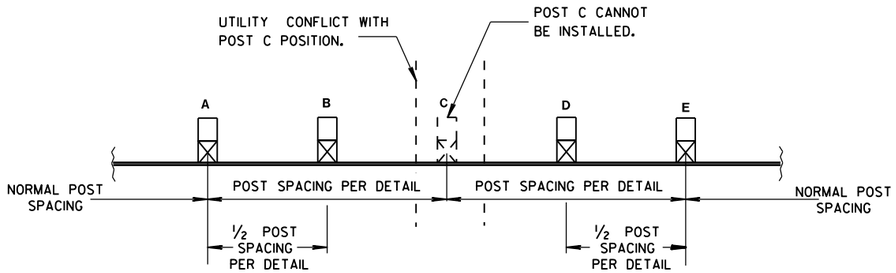
TRIPLE BLOCK DETAIL IS LIMITED TO ONE LOCATION WITHIN A BEAM GUARD RUN.

NOTES: USE DOUBLE OR TRIPLE BLOCKS WHEN UNDERGROUND OBSTACLES PREVENT THE POST FROM BEING INSTALLED.

DO NOT USE EXTRA 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.



PLAN VIEW
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION

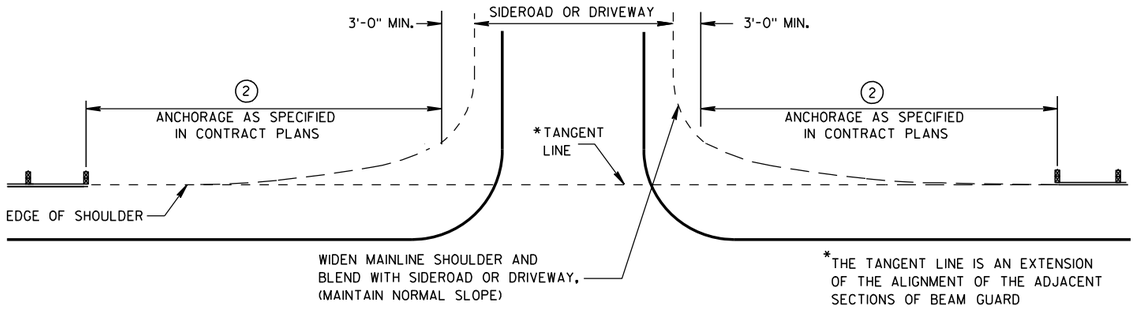
STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

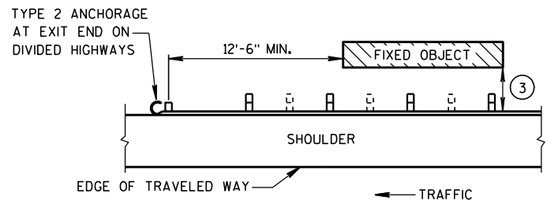
APPROVED
June 2014 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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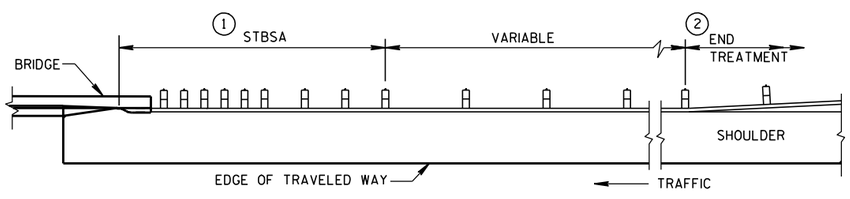
S.D.D. 14 B 15-8c



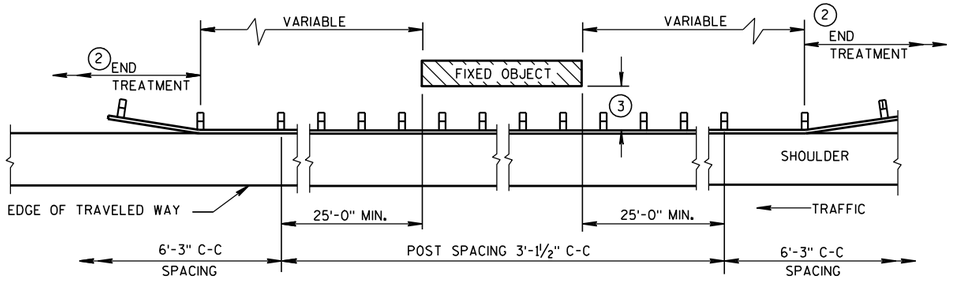
BEAM GUARD AT SIDEROADS OR DRIVEWAYS



BEAM GUARD AT OBSTACLES EXIT END - ONE WAY TRAFFIC

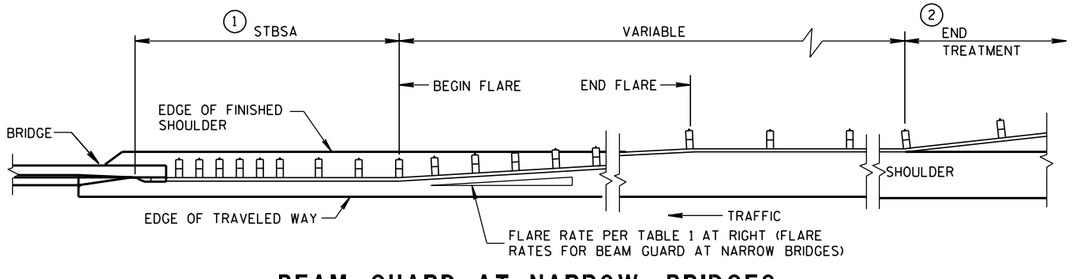


BEAM GUARD AT FULL WIDTH BRIDGES



BEAM GUARD AT OBSTACLES - TWO WAY TRAFFIC

(RAIL TO OBSTACLE CLEARANCE 3'-6" TO 4'-6")



BEAM GUARD AT NARROW BRIDGES

(FLARED TO SHOULDER EDGE, THEN PARALLEL TO ROADWAY)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE PERTINENT STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

W6 X 9 OR W6 X 8.5 STEEL POSTS WITH NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6" X 8" WOOD POSTS WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS.

THE LOCATIONS AND LENGTHS OF BEAM GUARD ARE SHOWN ELSEWHERE IN THE PLAN.

(1) STEEL THRIE BEAM STRUCTURAL APPROACH (STBSA) - SEE CURRENT SDD 14B20.

(2) USE AN APPROVED END TREATMENT FOR THE TRAFFIC APPROACH SIDE OF BRIDGE/OBSTACLES. USE TYPE 2 ANCHORAGE ONLY AT THE DOWNSTREAM ENDS OF BEAM GUARD LOCATED ALONG ROADWAYS WITH ONE WAY TRAFFIC.

(3)

MINIMUM LATERAL DISTANCE FROM FACE OF BEAM GUARD TO FIXED OBJECT	POST SPACING
3'-6"	3' - 1½"
4'-6"	6' - 3"

TABLE 1
FLARE RATES FOR BEAM GUARD AT NARROW BRIDGES

POSTED SPEED (MPH)	FLARE RATE
25	13:1
30	15:1
35	16:1
40	18:1
45	21:1
50	24:1
55	26:1
65	30:1

STEEL PLATE BEAM GUARD CLASS "A" AT BRIDGES, OBSTACLES AND SIDEROADS/DRIVEWAYS

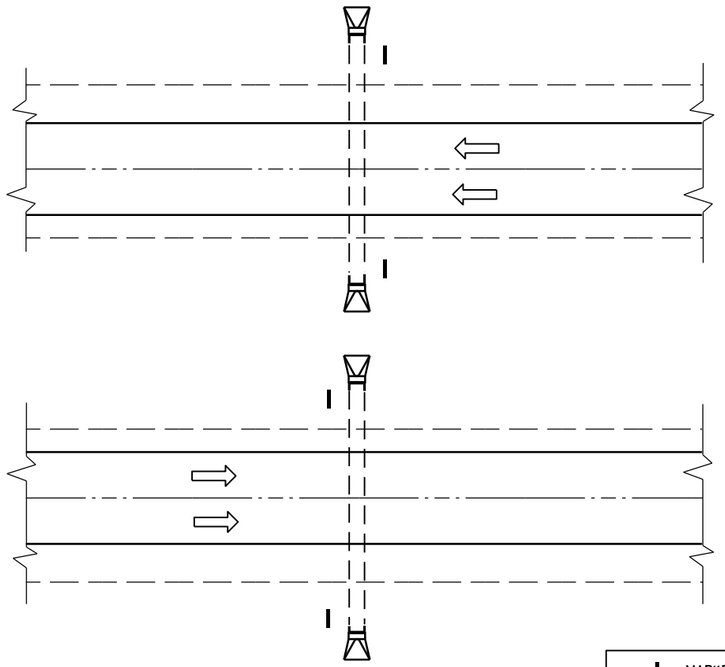
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8-21-07
DATE

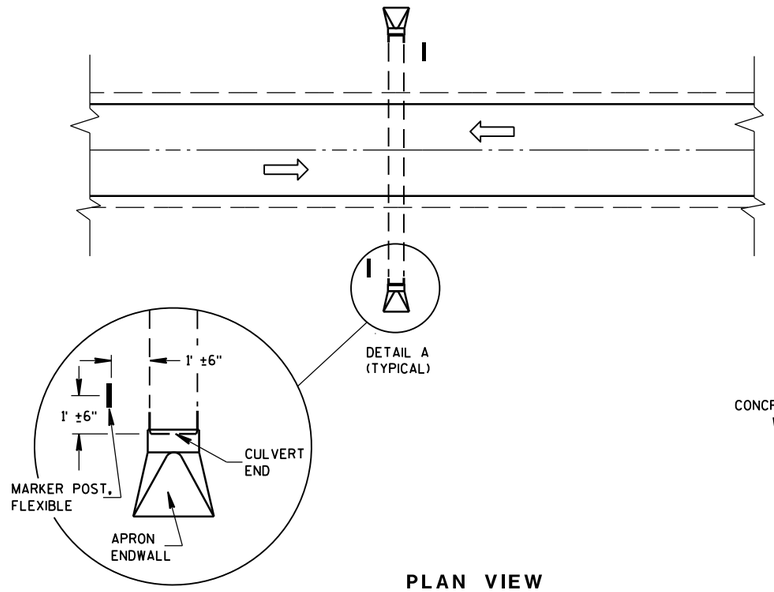
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

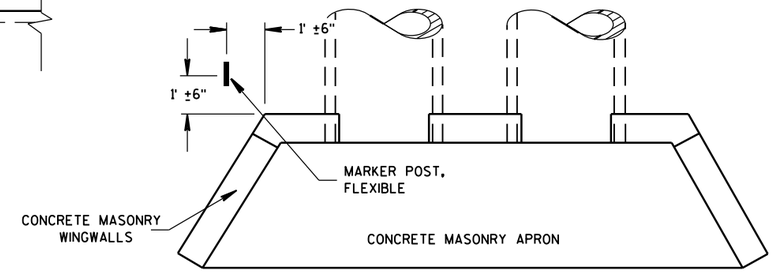
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

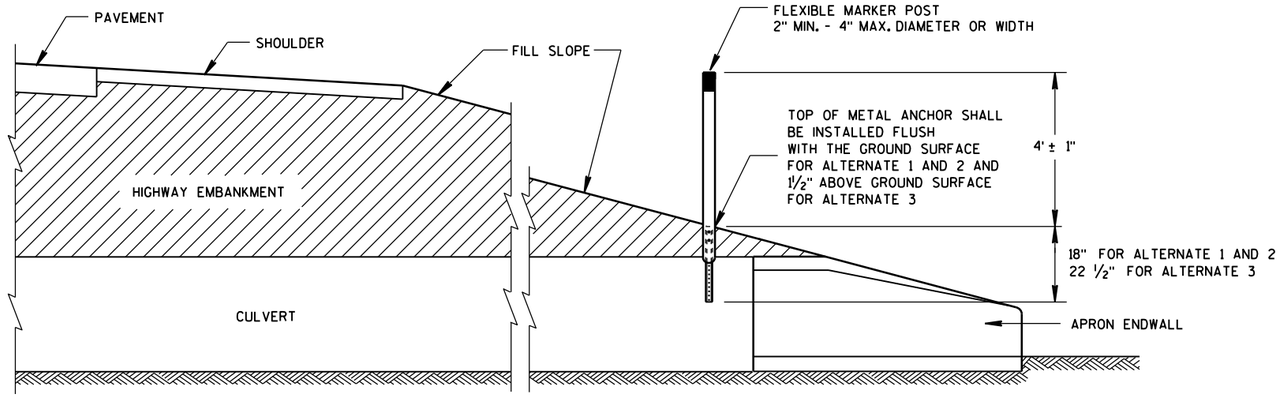
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



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

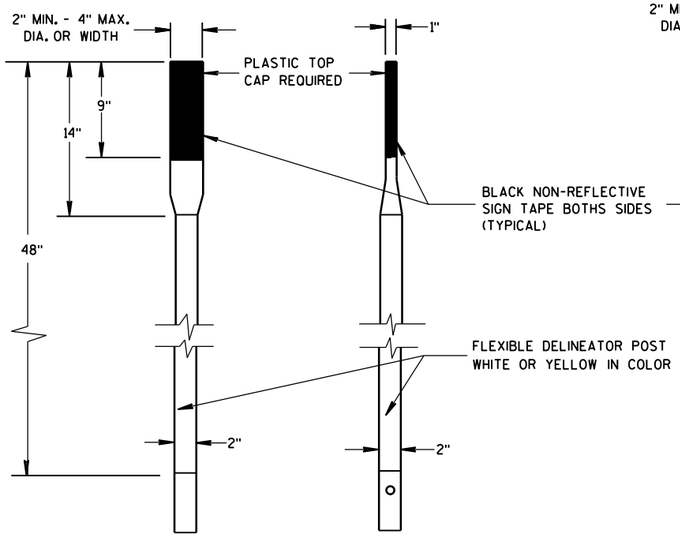
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

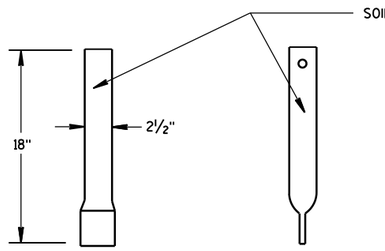
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S.D.D. 15 A 3-2a

6

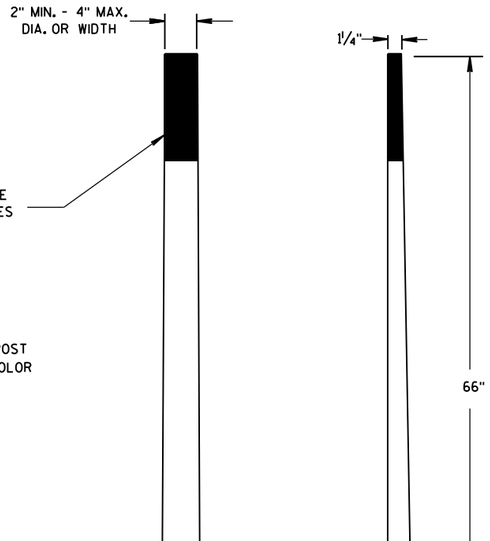
S.D.D. 15 A 3-2a





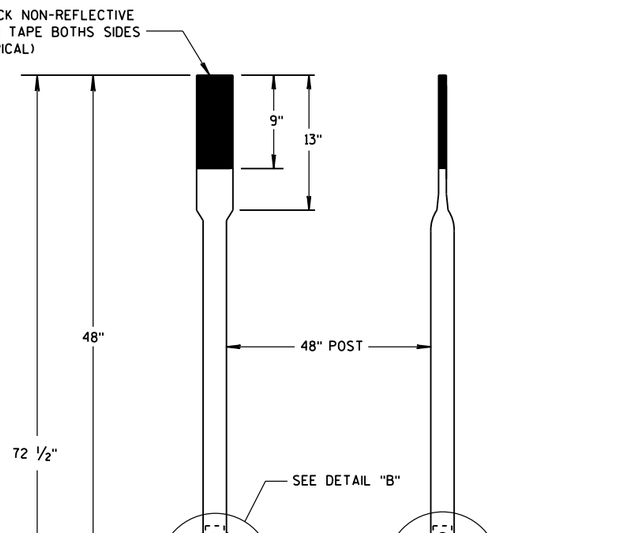
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

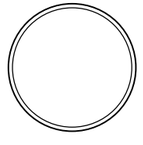
ALTERNATE 2



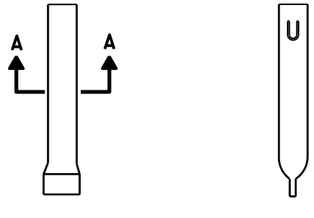
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POSTS

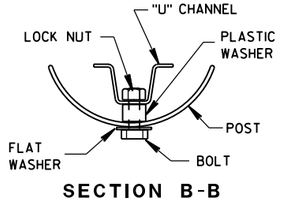


SECTION A-A

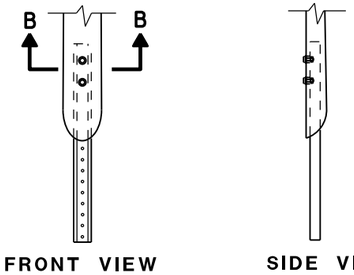


FRONT VIEW SIDE VIEW

ALTERNATE 1

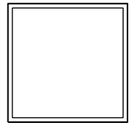


SECTION B-B

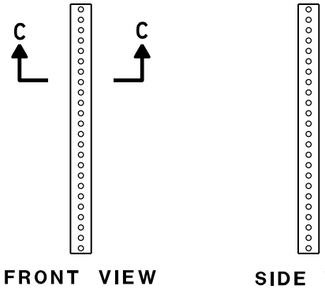


FRONT VIEW SIDE VIEW

ALTERNATE 2



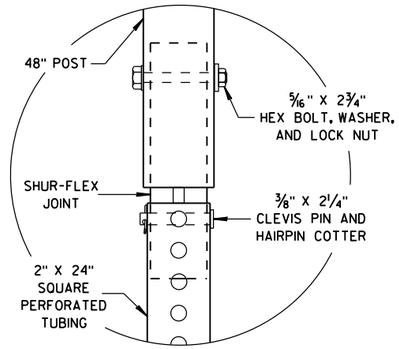
SECTION C-C



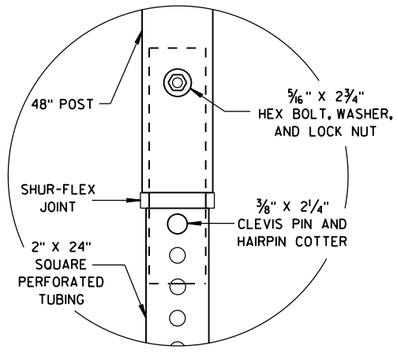
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

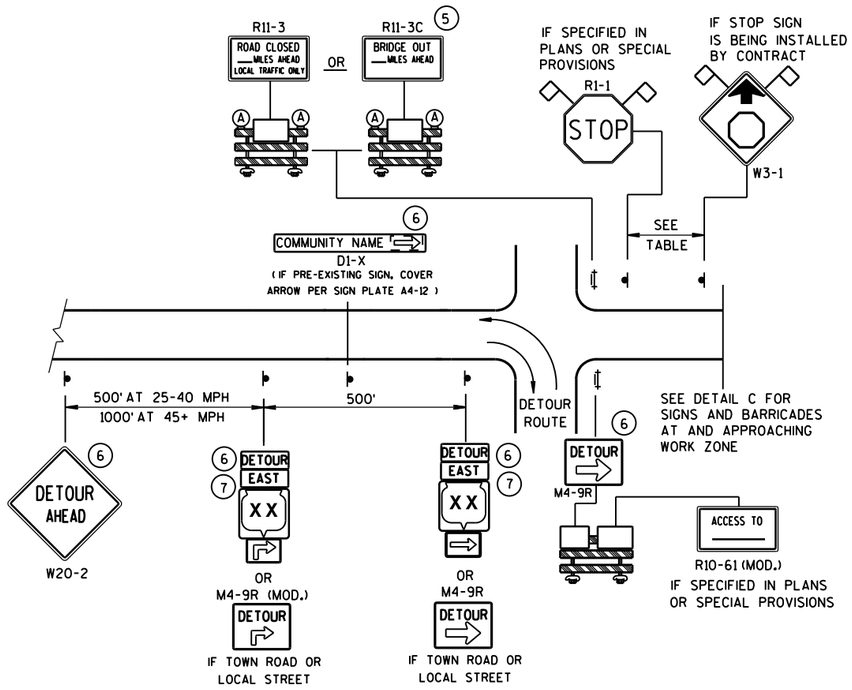
APPROVED
10/1/2012 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

6

S.D.D. 15 A 3-2b

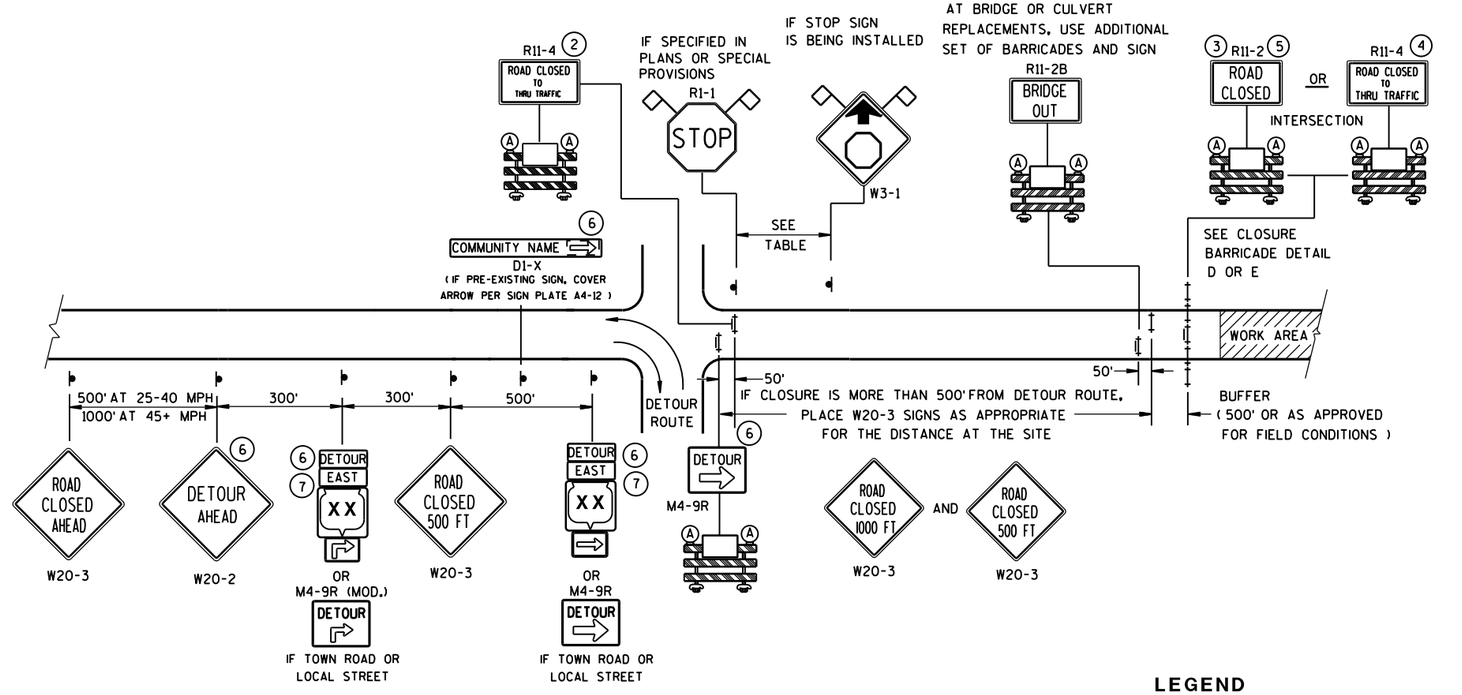
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S.D.D. 15 A 3-2b



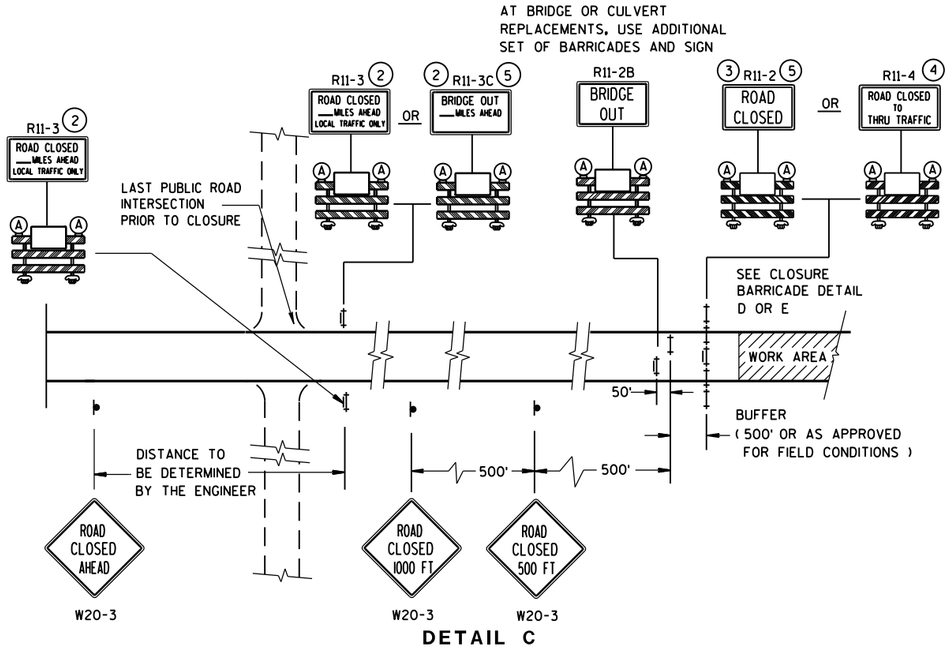
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "**b**" FOR GENERAL NOTES AND FOOTNOTES ① THROUGH ⑦

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- DETOUR / EAST — M4-8 / M3-X
- XX — M1-4; COUNTY XX — M1-5A; XX — M1-6
- M05-1 OR M06-1
- FLAGS, 16" X 16" MIN., (ORANGE)

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

8/2013 DATE

/S/ Travis Feltes
STATE TRAFFIC ENGINEER

223

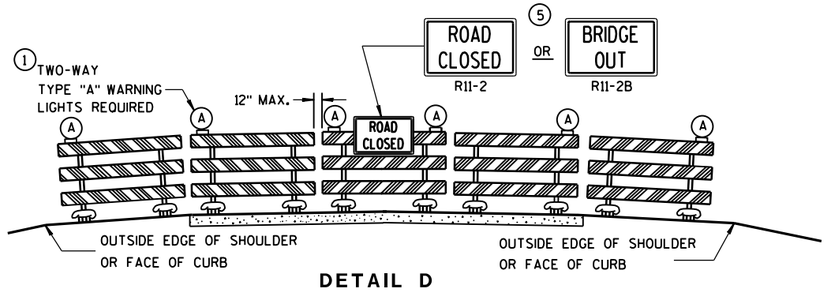
FHWA

6

S.D.D. 15 C 2-5a

6

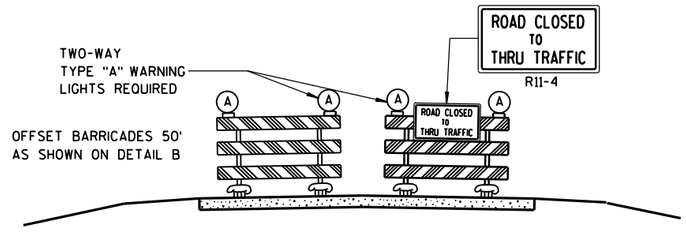
S.D.D. 15 C 2-5a



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2-SHEET "**a**" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, M4-9, R11-4 AND R10-61 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

"WO AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11-2 SHALL BE 48" X 30".
- R11-3, R11-4 AND R10-61 SHALL BE 60" X 30".
- M4-9 SHALL BE 30" X 24".
- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- M05-1 AND M06-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1-1 SHALL BE 36" X 36".

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT LIGHT SPACING).

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

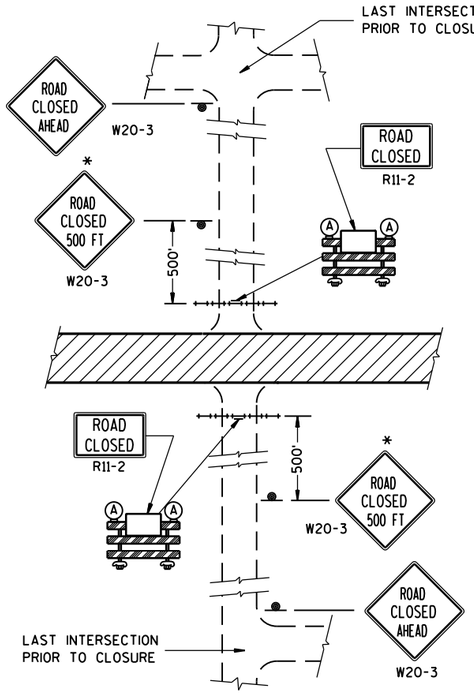
8/2013 — DATE

/S/ Travis Feltes — STATE TRAFFIC ENGINEER

FHWA

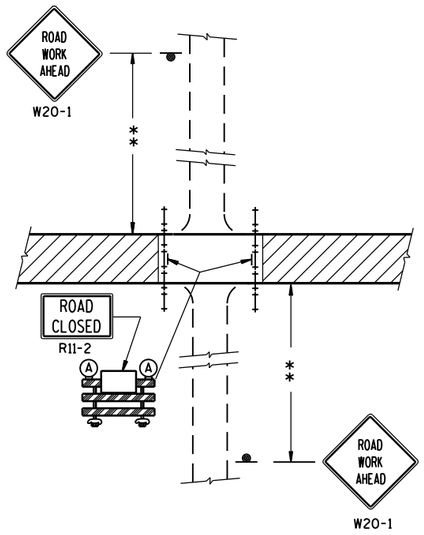
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S.D.D. 15 C 2-5b



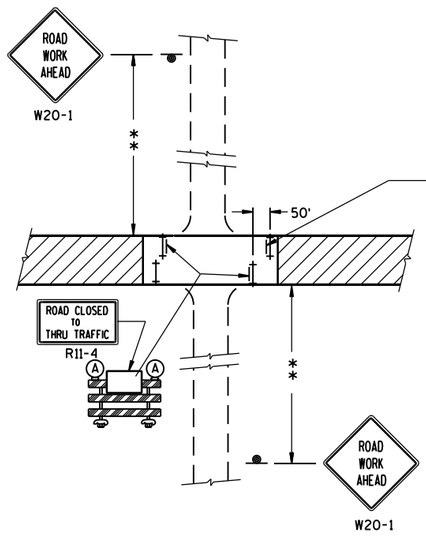
DETAIL 1

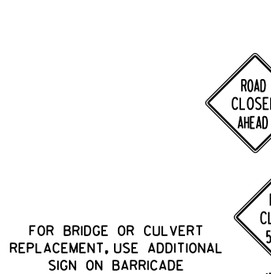
(NO ACCESS TO PROJECT)

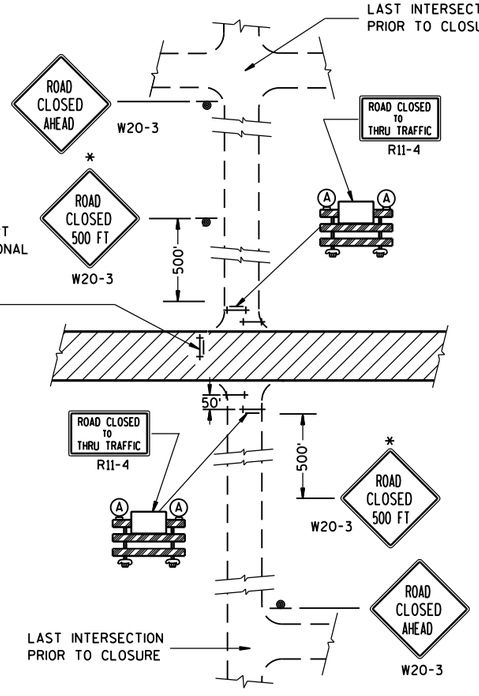


DETAIL 2

(PUBLIC CROSS-TRAFFIC MAINTAINED. NO ACCESS TO PROJECT).







DETAIL 3

(PUBLIC CROSS-TRAFFIC MAINTAINED. CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS).

DETAIL 4

(CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS TO PROJECT)

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3 AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

*OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FT. OR LESS FROM THE WORK ZONE.

**500' MAX. OR AT LAST INTERSECTION WHICHEVER IS CLOSER.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

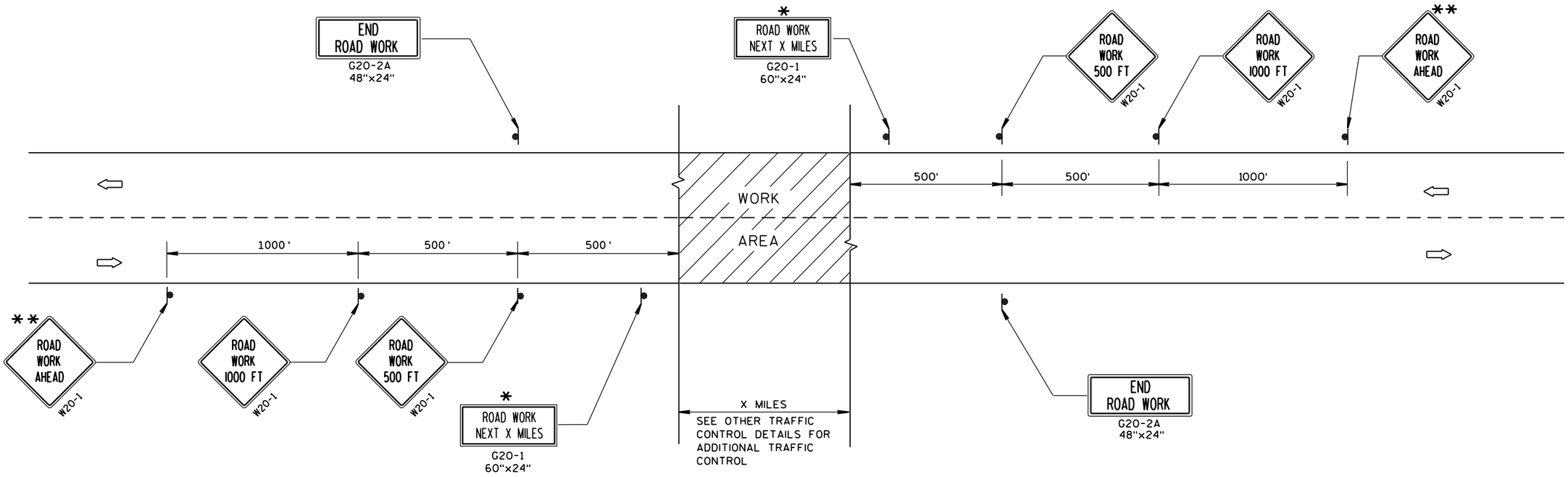
APPROVED
8/2013 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

6

S.D.D. 15 C 3-2

6

S.D.D. 15 C 3-2



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.

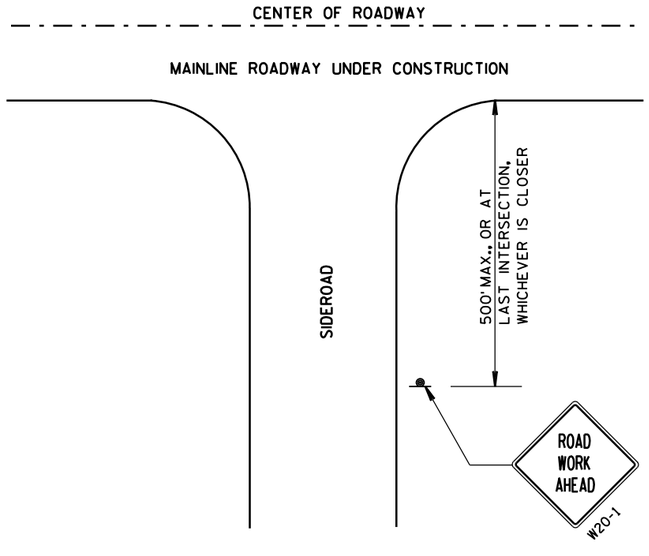
ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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 W20-1 "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

8/2013 — DATE

/S/ Travis Feltes — STATE TRAFFIC ENGINEER

SIGN

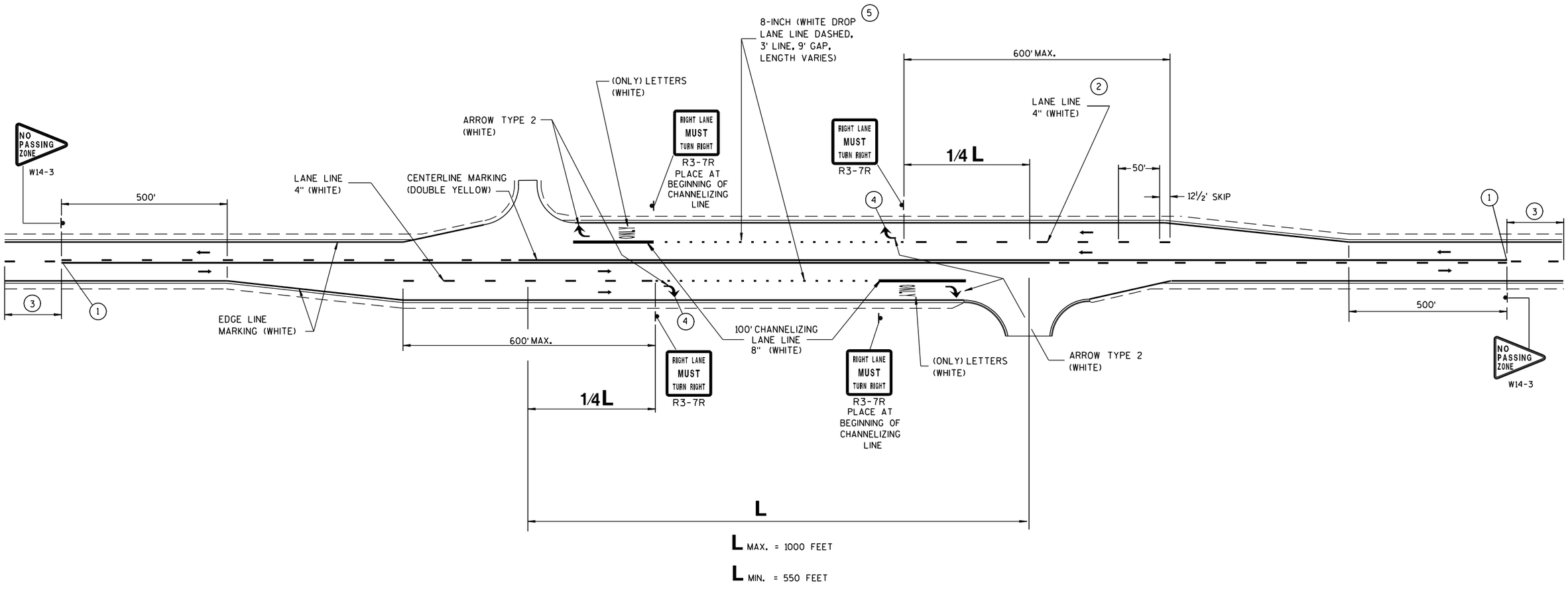
FHWA

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S.D.D. 15 C 4-2

GENERAL NOTES

1. BARRIER LINE STARTS AT 500 FEET PRIOR TO THE BYPASS TAPER.
2. PLACE R3-7R SIGNS AT BEGINNING OF WHITE DROP LANE LINE DASHED AND WHITE CHANNEL LINE.
3. IF THE DISTANCE BETWEEN TWO SUCCESSIVE NO PASSING ZONES IS LESS THAN THE MINIMUM DISTANCE BETWEEN ZONES, CONNECT THE TWO ZONES.
4. REQUIRED ONLY WHEN SPECIFIED IN THE PLANS.
5. 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.



LEGEND

⇄ DIRECTION OF TRAFFIC

SIGNING AND MARKING FOR COMBINATION RIGHT TURN AND BYPASS LANE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

5-13-10 DATE

/S/ Thomas N. Notbohm
STATE TRAFFIC ENGINEER

FHWA

6

S.D.D. 15 C 28-2

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.

W20-1 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.

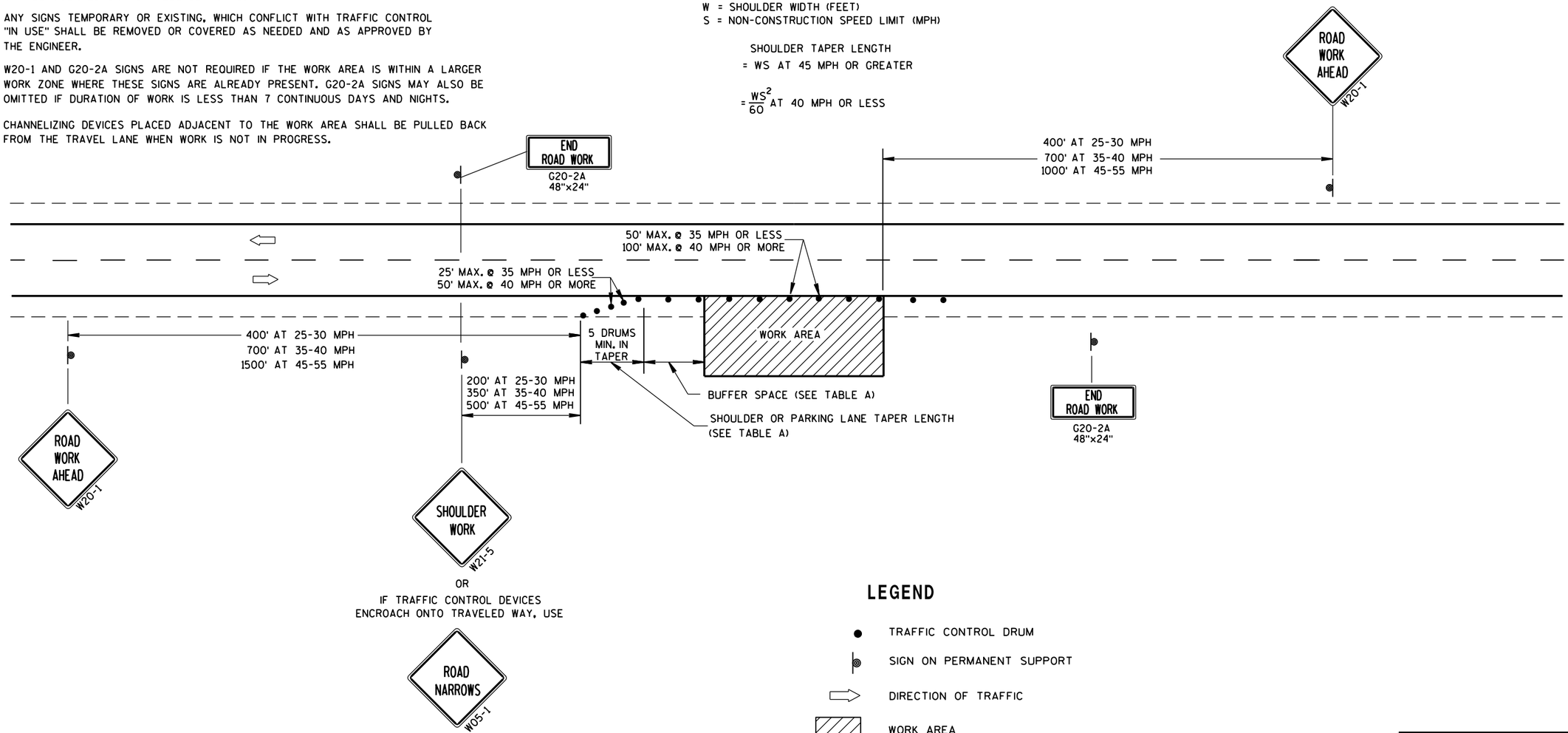
TABLE A

S \ W	SHOULDER TAPER LENGTH (FEET) 4	6	8	10	BUFFER SPACE (FEET)
30	20	30	40	50	85
35	30	45	55	70	120
40	40	55	75	90	170
45	60	90	120	150	220
50	70	100	135	170	280
55	75	110	150	185	335

W = SHOULDER WIDTH (FEET)
S = NON-CONSTRUCTION SPEED LIMIT (MPH)

SHOULDER TAPER LENGTH
= WS AT 45 MPH OR GREATER

$= \frac{WS^2}{60}$ AT 40 MPH OR LESS



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

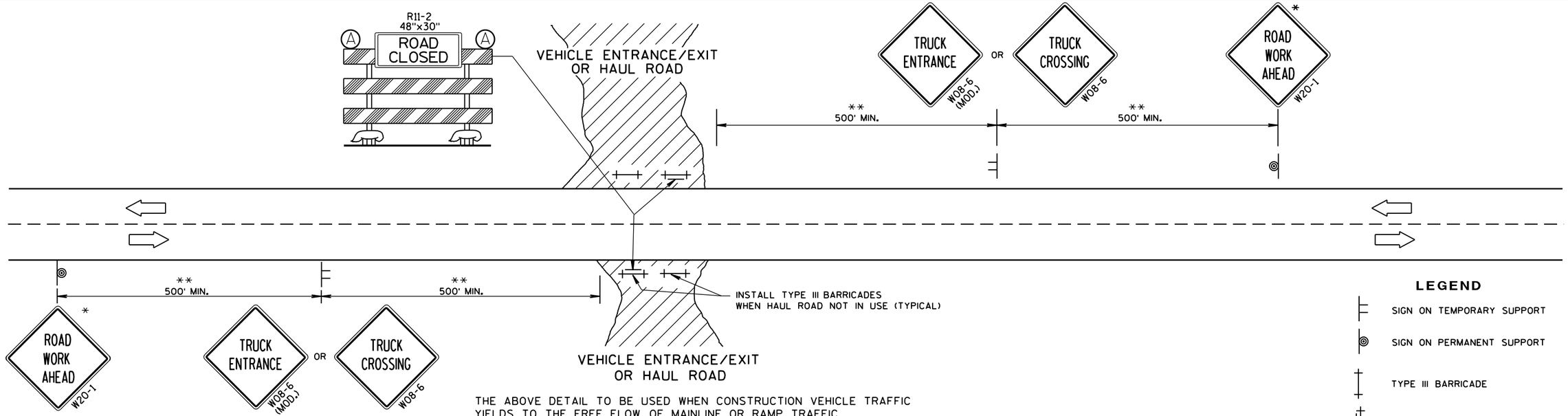
APPROVED

8/2013 DATE — /S/ Travis Feltes STATE TRAFFIC ENGINEER

FHWA

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S.D.D. 15 D 28-2
S.D.D. 15 D 28-2



THE ABOVE DETAIL TO BE USED WHEN CONSTRUCTION VEHICLE TRAFFIC YIELDS TO THE FREE FLOW OF MAINLINE OR RAMP TRAFFIC

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS, DEVICES AND FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

WHEN ACTIVITY REFLECTED BY THE SIGN IS NOT CURRENTLY TAKING PLACE, THE HIGHWAY SHALL BE RESTORED TO NORMAL CONDITION AND THE SIGNS SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC.

WHEN A SIDE ROAD OR RAMP INTERSECTS WITHIN THE ADVANCE SIGNING AREA, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

* THESE SIGNS ARE TO BE USED ONLY WHEN VEHICLE ENTRANCE/EXIT CONDITIONS ARE SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA OR SIGNING OR AS DIRECTED BY THE ENGINEER.

** 500 FEET SHOWN IS FOR ROADWAYS WITH A NON-CONSTRUCTION REGULATORY SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FEET. FOR 25-30 MPH, USE 200 FEET. USE 1000 FEET/1500 FEET FOR EXPRESSWAY/FREEWAY.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

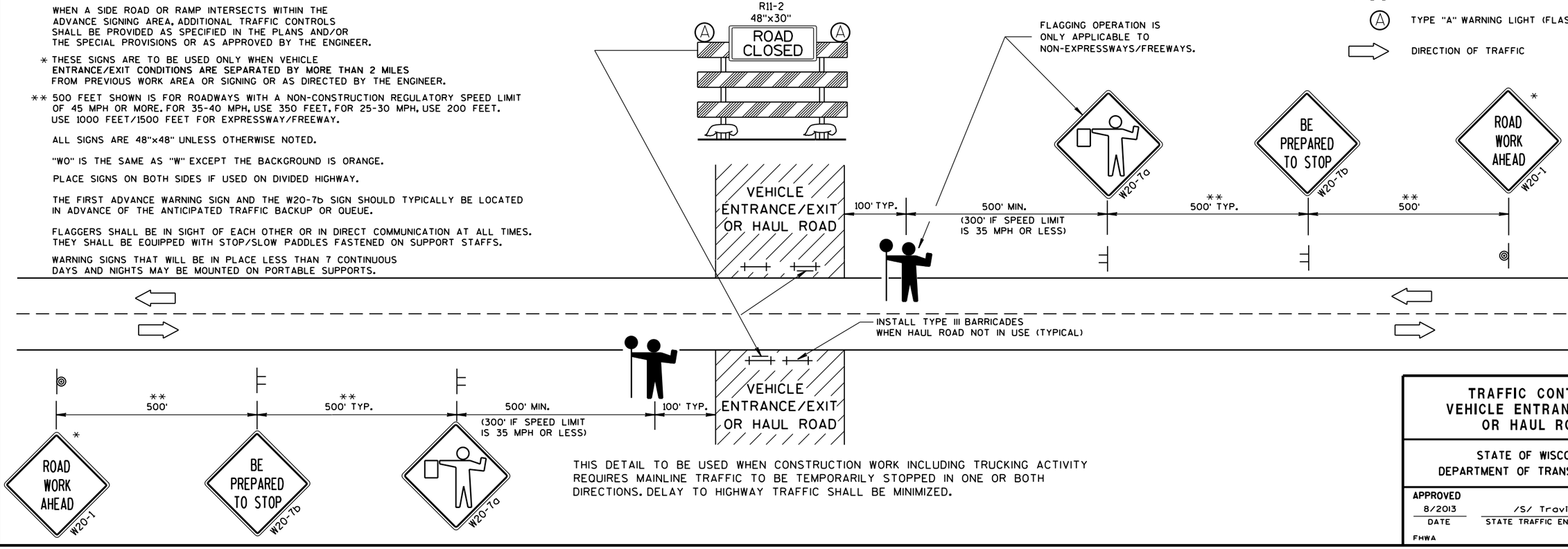
"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

PLACE SIGNS ON BOTH SIDES IF USED ON DIVIDED HIGHWAY.

THE FIRST ADVANCE WARNING SIGN AND THE W20-7b SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

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.

WARNING SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.



THIS DETAIL TO BE USED WHEN CONSTRUCTION WORK INCLUDING TRUCKING ACTIVITY REQUIRES MAINLINE TRAFFIC TO BE TEMPORARILY STOPPED IN ONE OR BOTH DIRECTIONS. DELAY TO HIGHWAY TRAFFIC SHALL BE MINIMIZED.

TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013	/S/ Travis Feltes	
DATE	STATE TRAFFIC ENGINEER	IGN

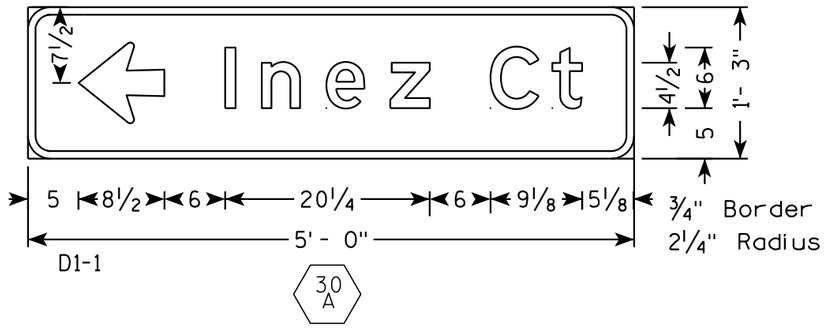
FHWA

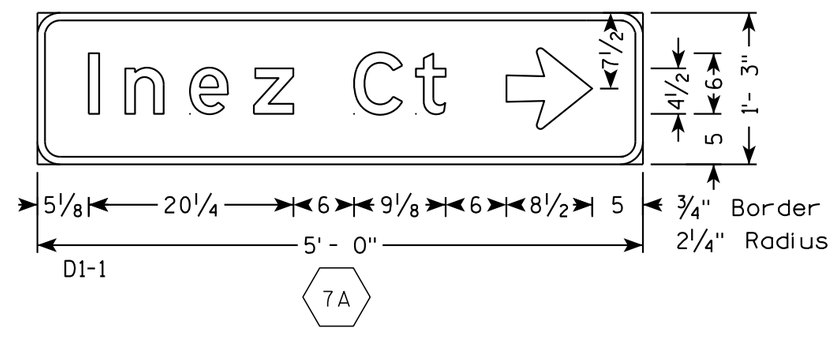
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S.D.D. 15 D 29-3

NOTES

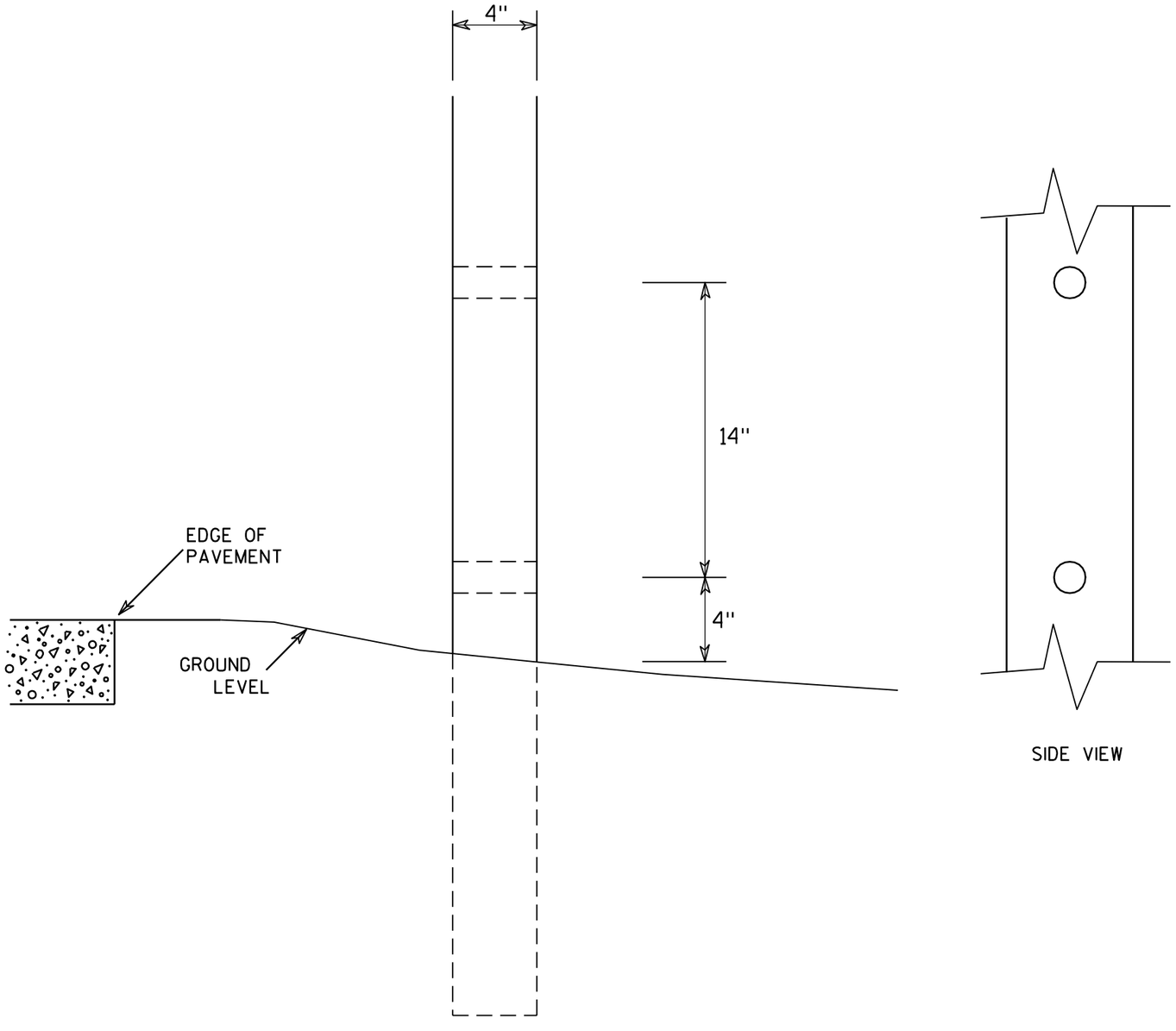
1. All Signs Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Green except as noted
   Message - White
3. Message Series - E except as noted





7

7



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

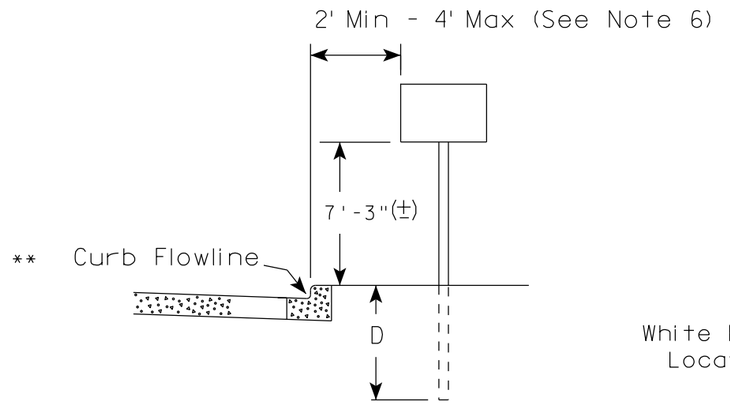
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

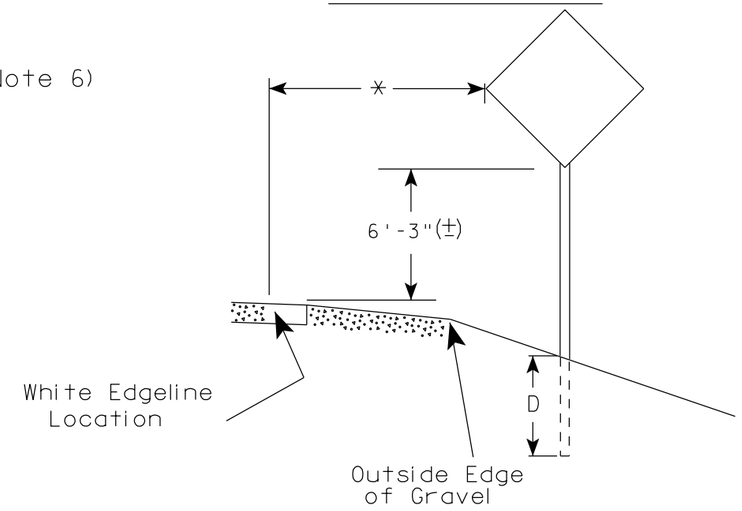
DATE 3/27/97 PLATE NO. A4-11.2

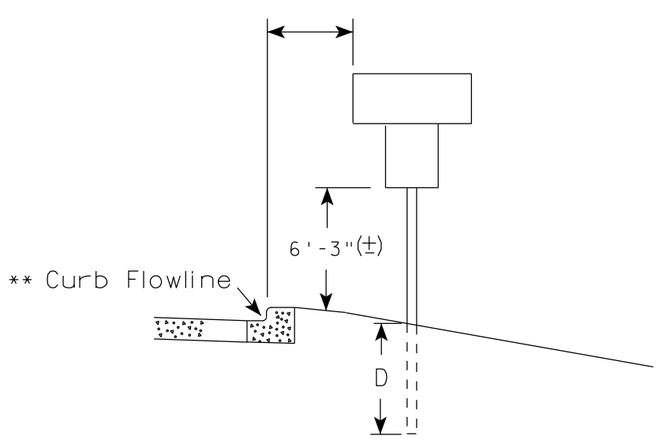
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 231	E

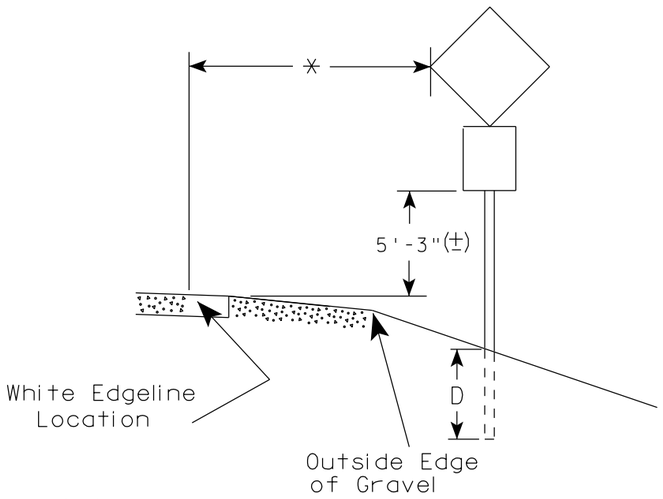
URBAN AREA



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, 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

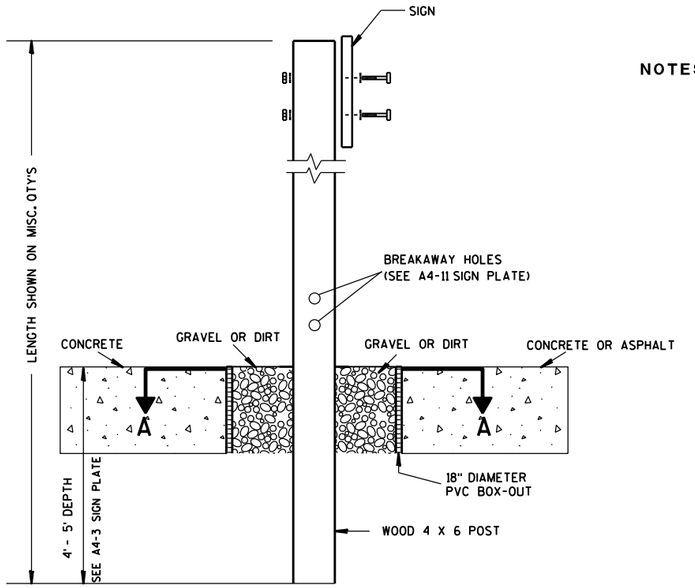
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/14 PLATE NO. A4-3.19

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

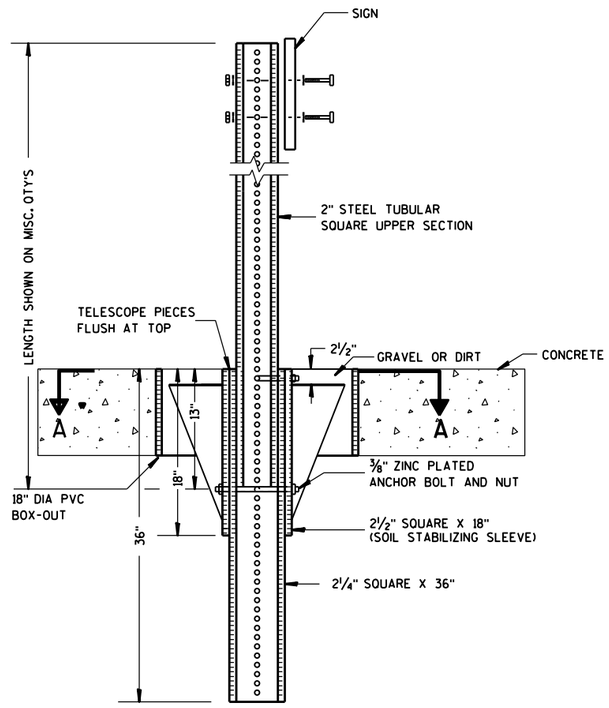
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WISDOT/CADDS SHEET 42



ELEVATION VIEW

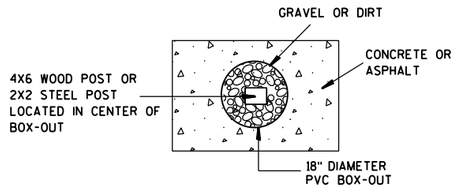
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

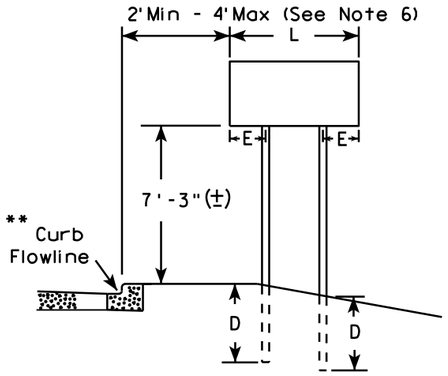
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

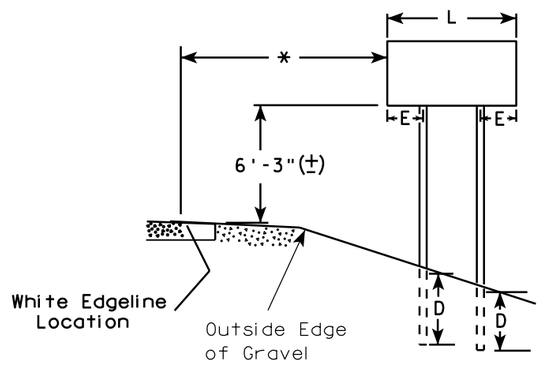
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

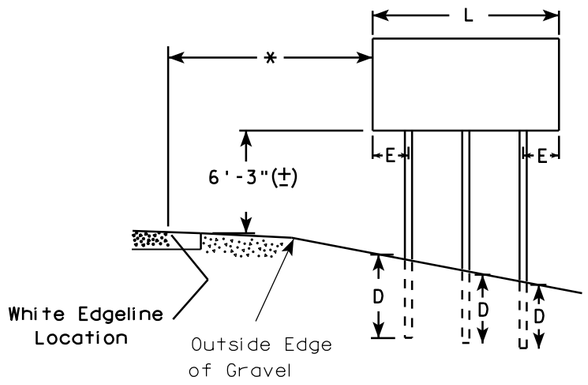
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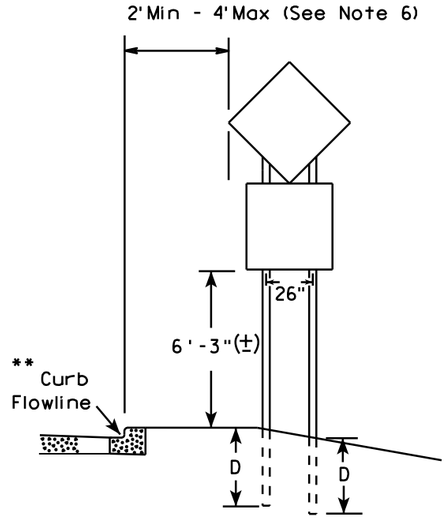
URBAN AREA



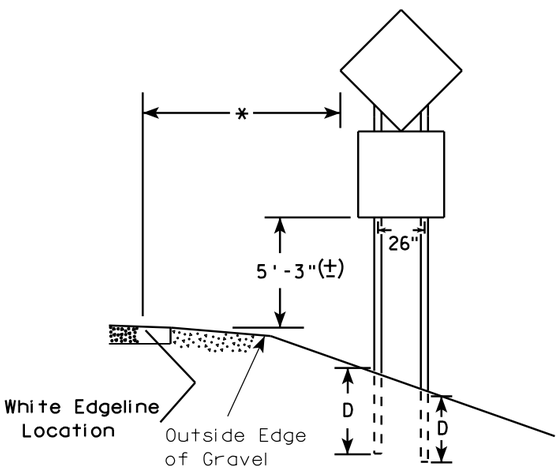
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



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 or 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'

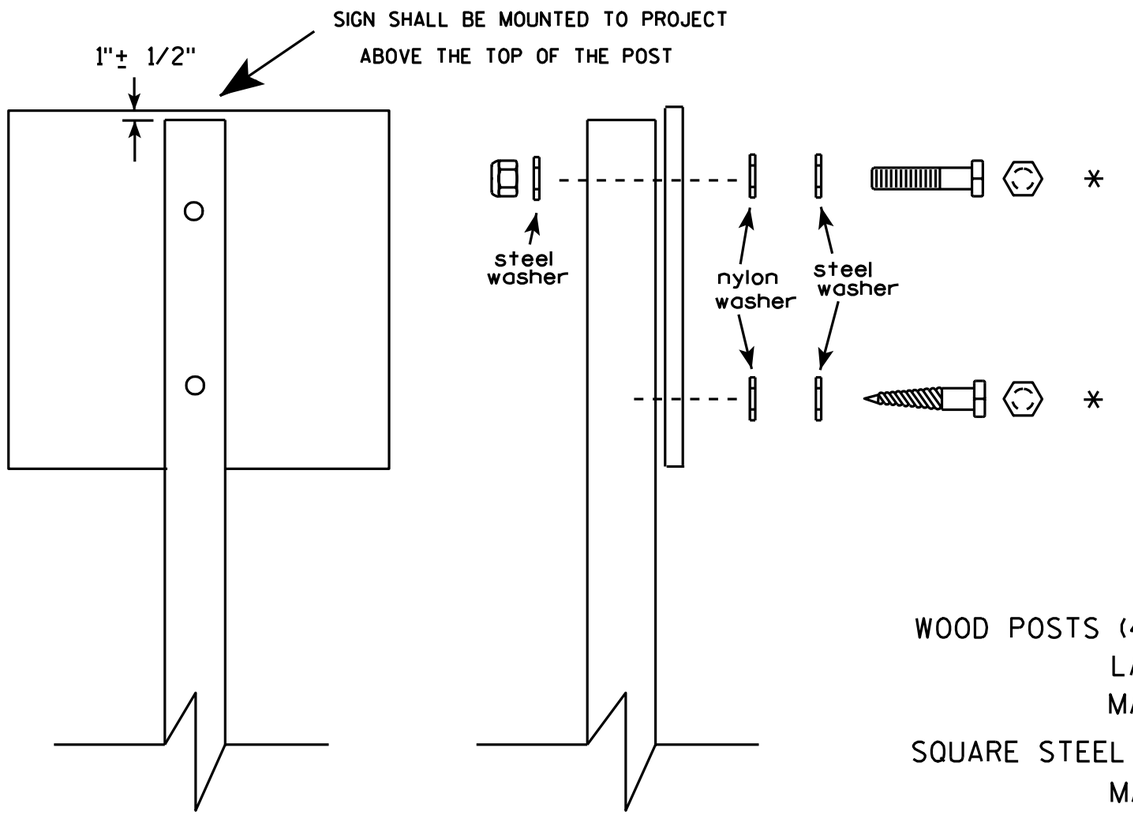
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/14 PLATE NO. A4-4 234 13

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

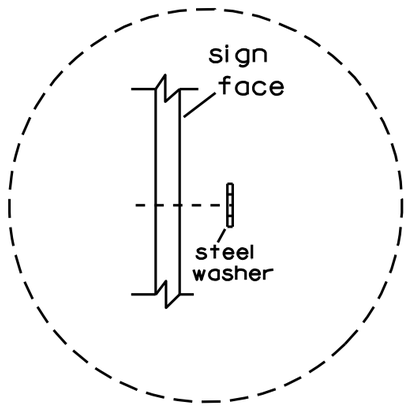
b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

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

7

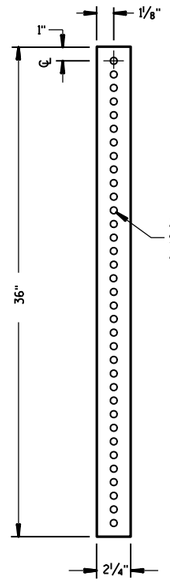
7

PROJECT NO:

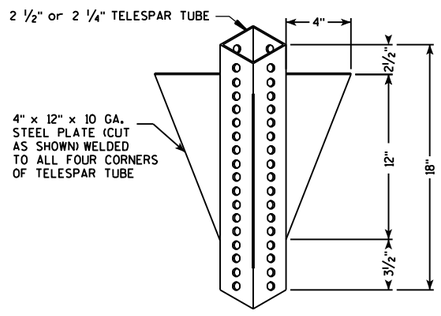
SHEET NO: 235 E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

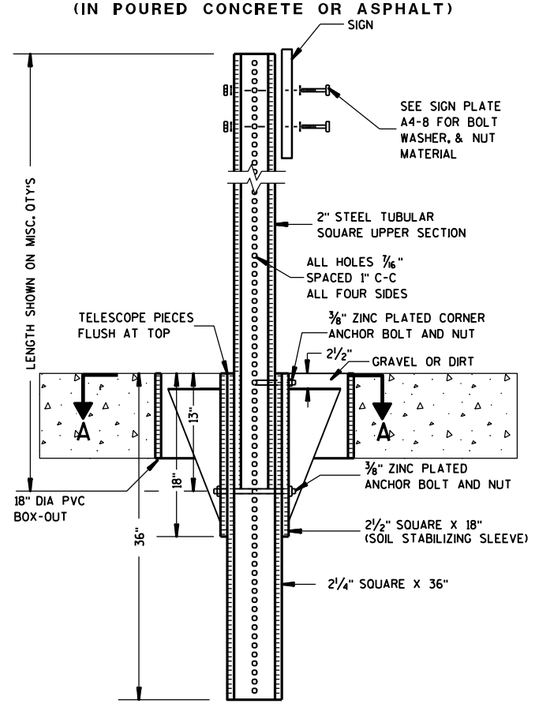
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



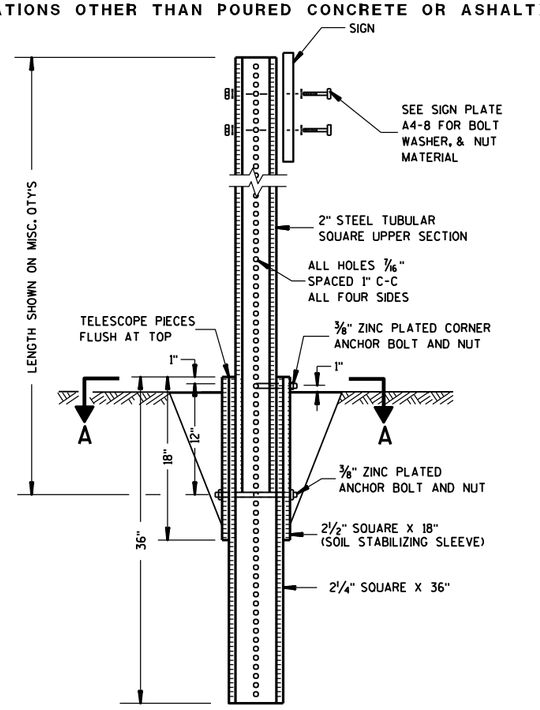
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

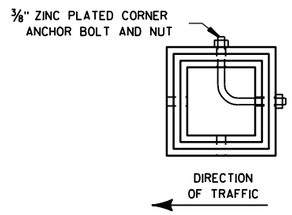


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASHALT)





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

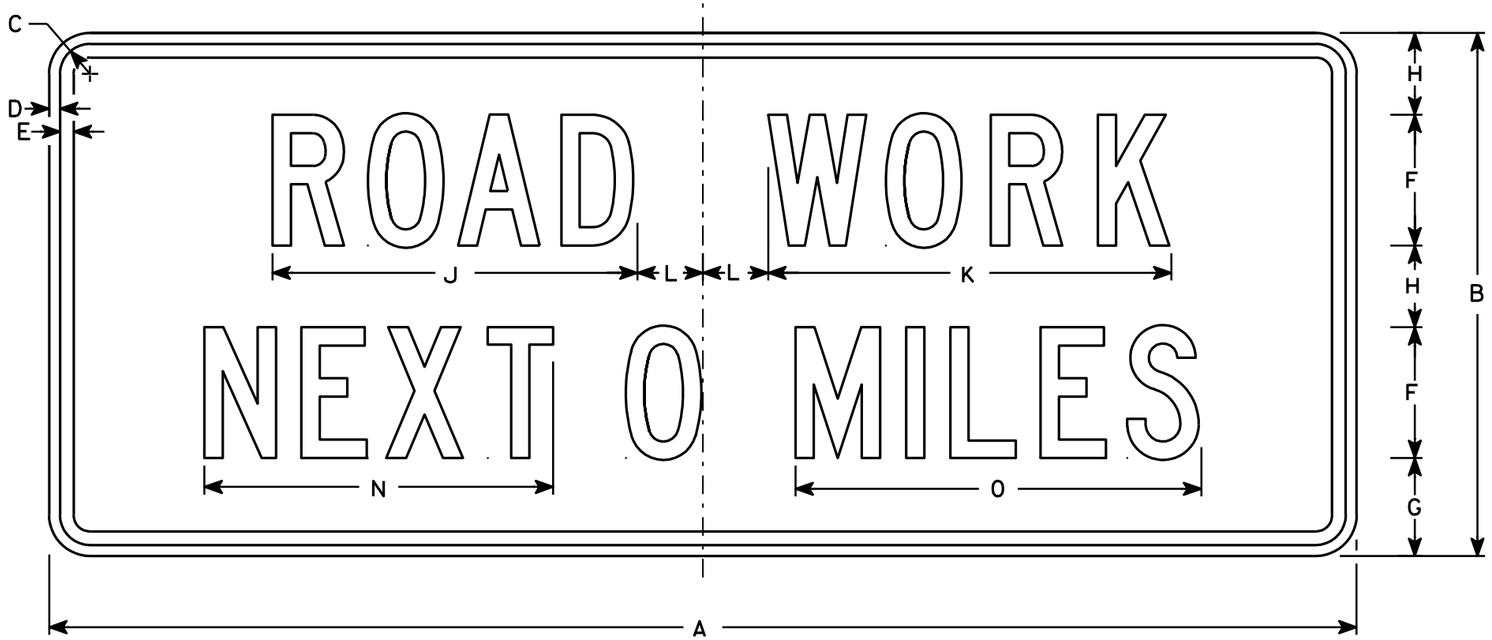
Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 5/30/12 PLATE NO. A4-9.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 236	E



G20-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   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.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance

Metric equivalent for this sign is:

SIZE	
1	
2	1500 mm X 600 mm
3	
4	1500 mm X 600 mm
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	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10	.90
3																												
4	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10	.90
5																												

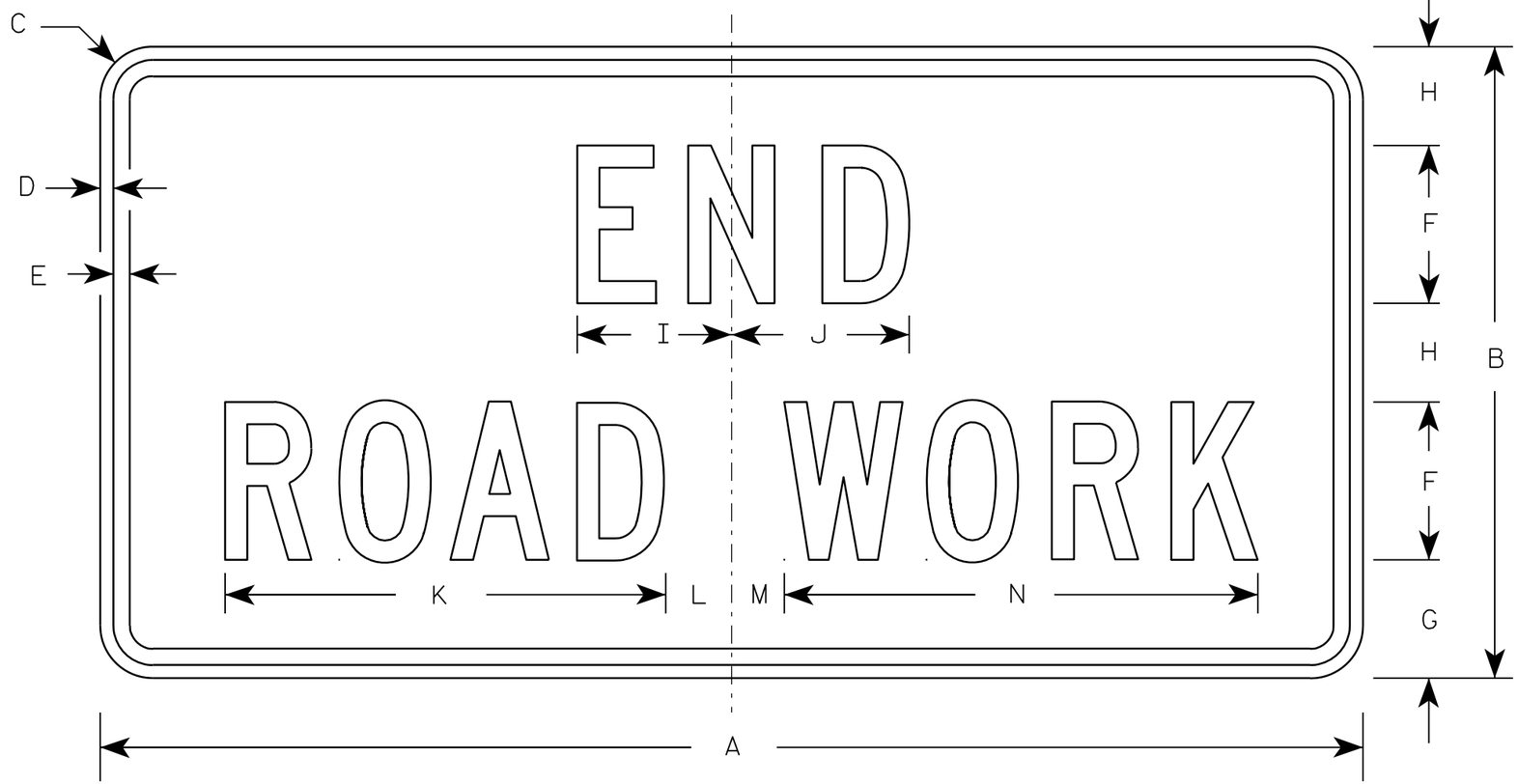
STANDARD SIGN
G20-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spray for State Traffic Engineer

DATE 4/8/97 PLATE NO. G20-1.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 237	E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   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.

Metric equivalent for this sign is:

SIZE	
1	900 mm X 450 mm
2	1200 mm X 600 mm
3	1200 mm X 600 mm
4	1200 mm X 600 mm
5	1200 mm X 600 mm

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	36	18	1 1/8	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5	0.41
2	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72

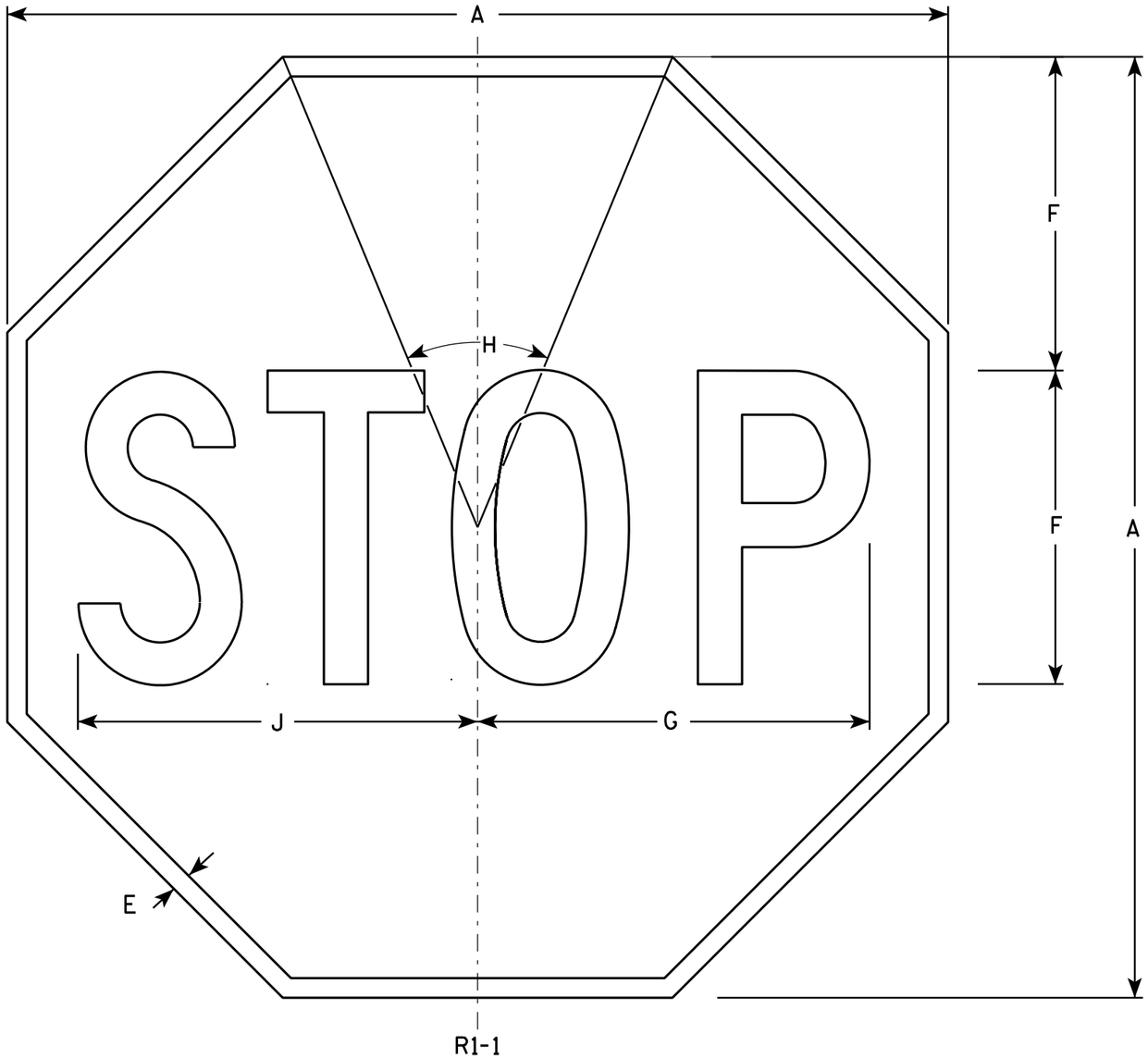
STANDARD SIGN
G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/30/09 PLATE NO. G20-2A.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 238	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

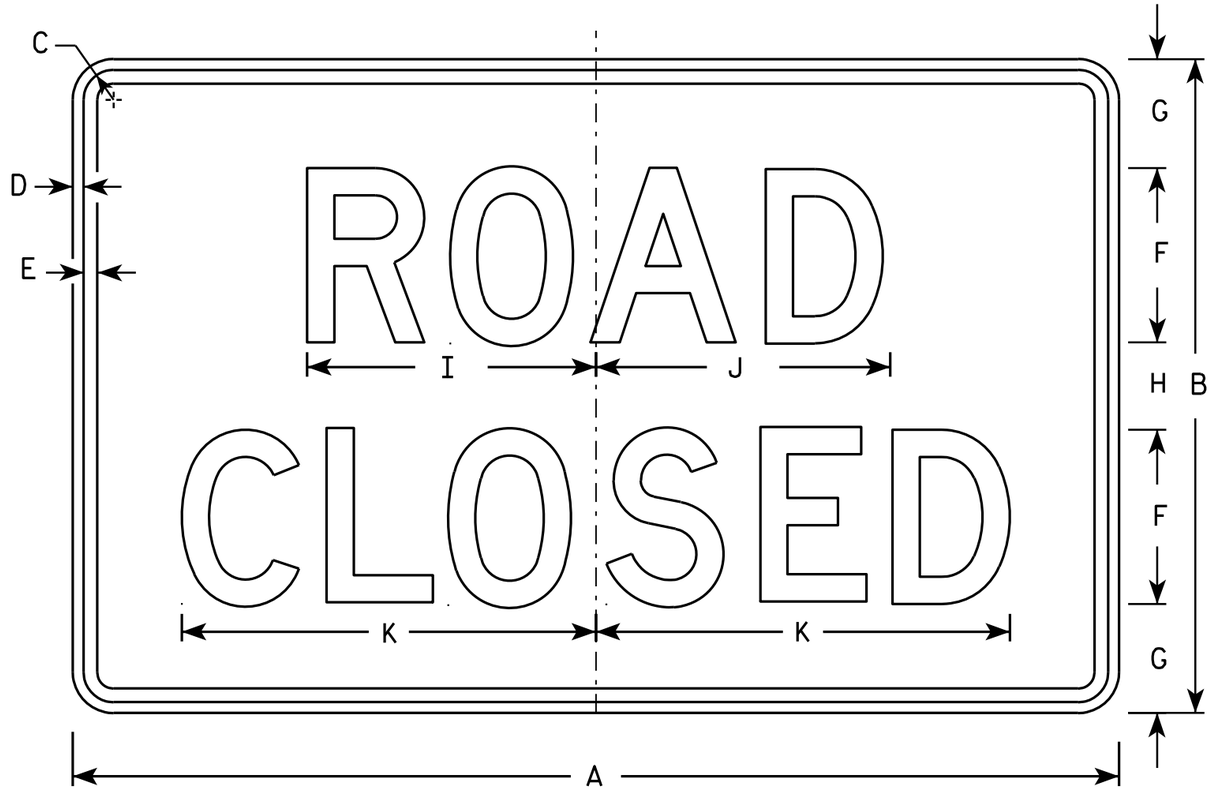
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1.12

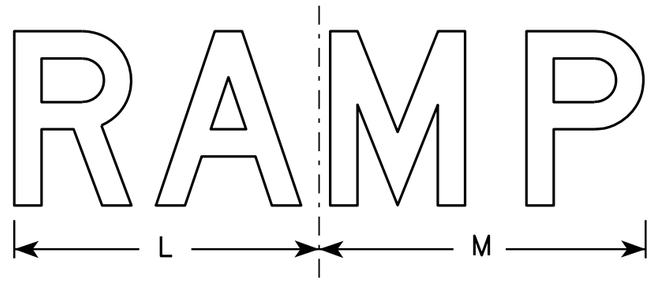
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 239	E



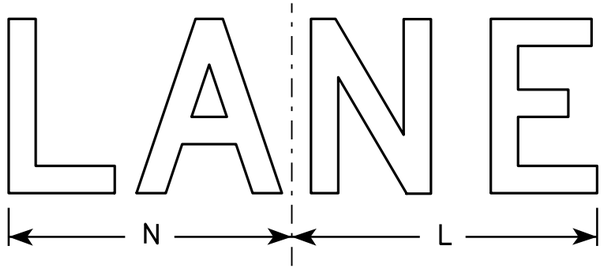
R11-2

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.
5. Modify the message as required.



R11-2R



R11-2L

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	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
2M	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
3	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
4	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
5	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0

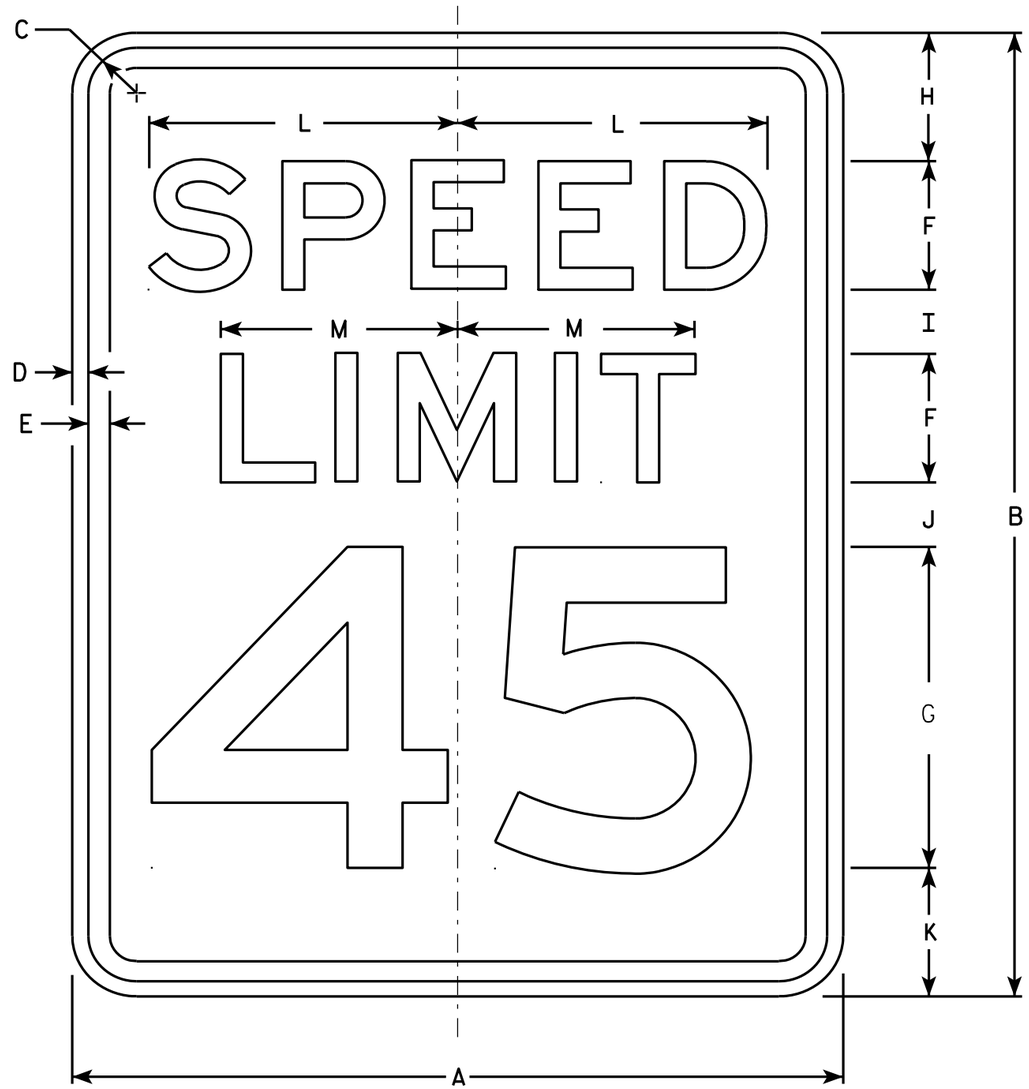
STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/11 PLATE NO. R11-2.10

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 240	E



R2-1

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 - 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.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

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	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

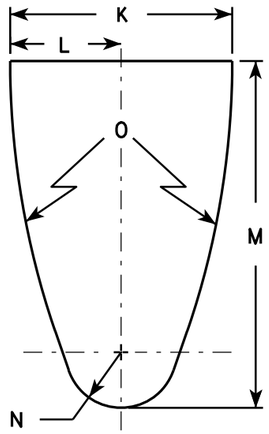
STANDARD SIGN
R2-1

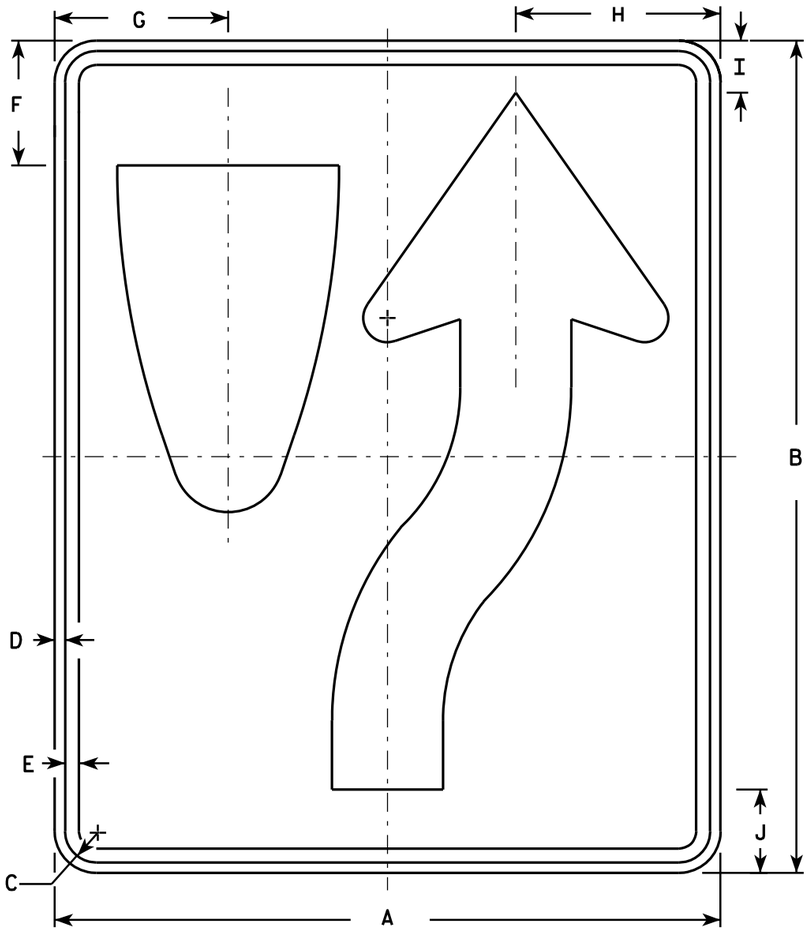
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 241 | E

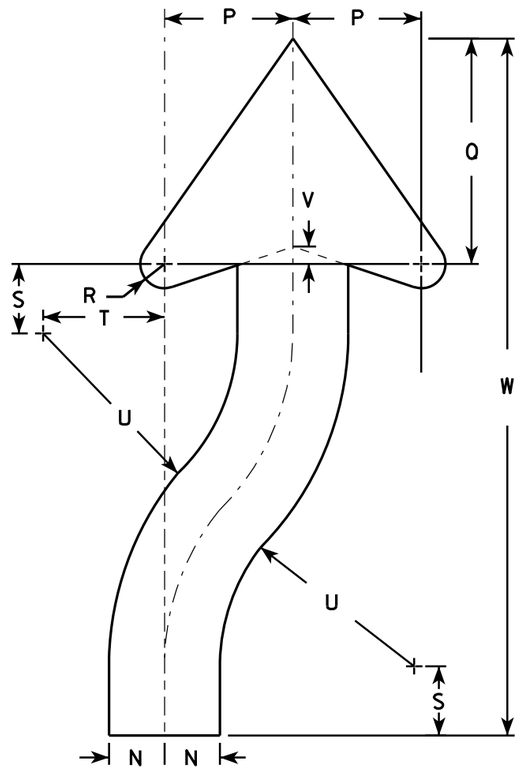




R4-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
4. R4-8 is the same as R4-7 except Legend is reversed.



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	18	24	1 1/8	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	2 1/4	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

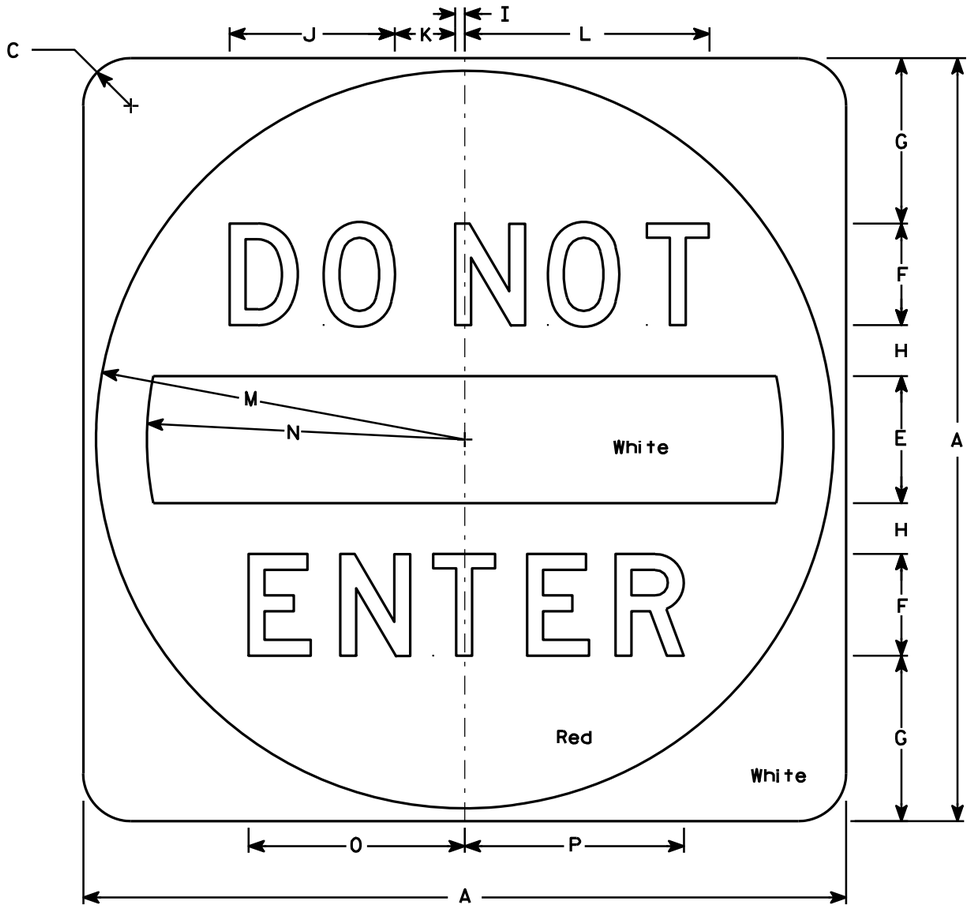
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-7.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 242	E



R5-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See detail
   Message - White - Type H Reflective
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but when base material is metal, the cornors 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	30		1 7/8		5	4	6 1/2	2	3/8	6 1/2	2 3/8	9 5/8	14 1/2	12 1/2	8 1/2	8 5/8											6.26
2M	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
3	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
4	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
5	48		3		8	6	11	3	5/8	9 3/4	3 5/8	14 1/2	23 1/2	20	12 3/4	12 7/8											16.0

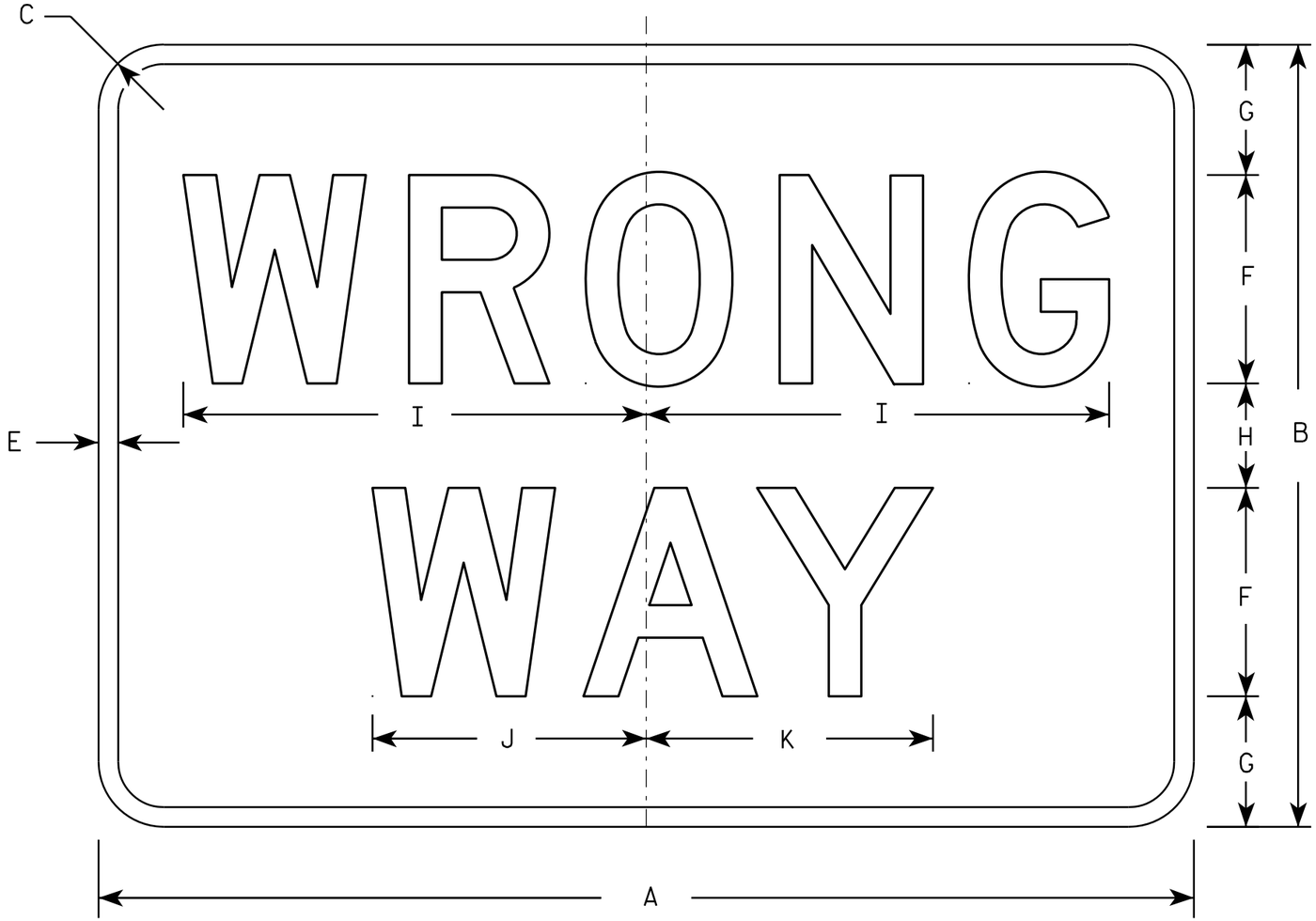
STANDARD SIGN
R5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 243 | E



R5-1A

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 - 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	30	18	1 1/2		1/2	5	3	2	11	6 1/2	6 7/8																3.75
2S	36	24	2		5/8	6	4 1/2	3	13 1/4	7 7/8	8 1/4																6.00
2M	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
3	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
4	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
5	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75

STANDARD SIGN
R5-1A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1A.2

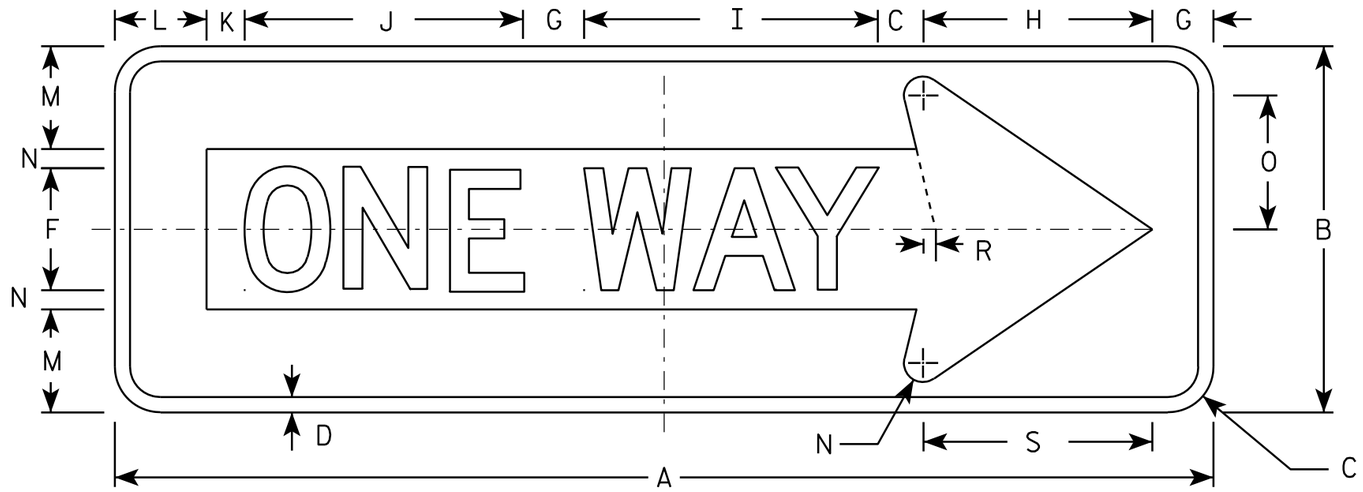
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 244	E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R51A.DGN PLOT DATE : 17-DEC-2010 12:42 PLOT BY : dotsja PLOT NAME : PLOT SCALE : 5.462457:1.000000

WISDOT/CADDS SHEET 42

7

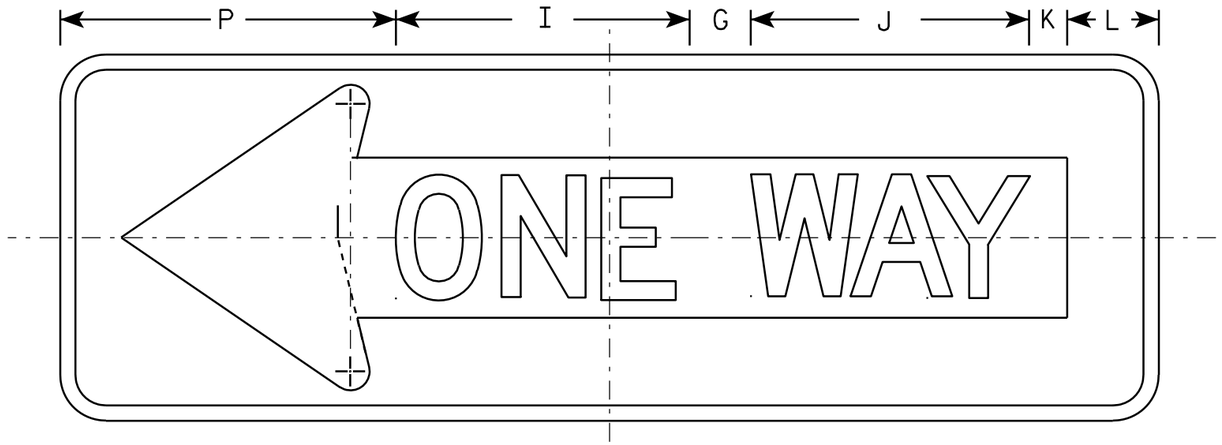
7



R6-1R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - BLACK
   Message - BLACK LEGEND & WHITE ARROW & BORDER
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.



R6-1L

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	12	1 ½	½		4	2	7 ½	9 ⅝	9 ⅛	1 ¼	3	3 ⅜	⅝	4 ⅜	11		⅜	7 ½								3.0
2M	54	18	2 ¼	¾		6	3	11 ¼	14 ½	13 ⅝	1 ⅞	4 ½	5	1	6 ½	16 ½		⅝	11 ¼								6.75
3	54	18	2 ¼	¾		6	3	11 ¼	14 ½	13 ⅝	1 ⅞	4 ½	5	1	6 ½	16 ½		⅝	11 ¼								6.75
4	54	18	2 ¼	¾		6	3	11 ¼	14 ½	13 ⅝	1 ⅞	4 ½	5	1	6 ½	16 ½		⅝	11 ¼								6.75
5																											

STANDARD SIGN
R6-1 L & R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

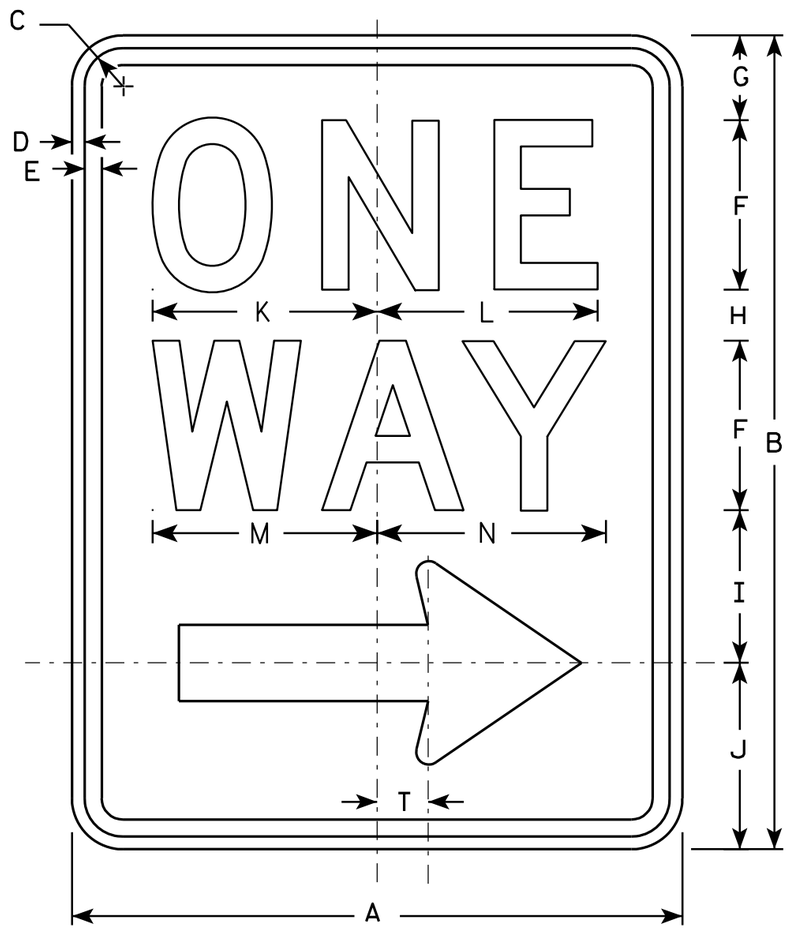
DATE 12/17/10 PLATE NO. R6-1.2

PROJECT NO:

SHEET NO: 245 E

7

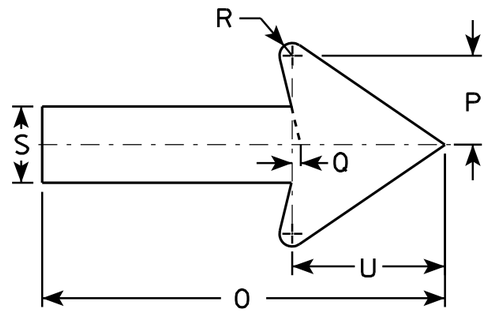
7



R6-2R

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.
5. R6-2L same as R6-2R except arrow points to the left.



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
1	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	30	1 1/8	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 3/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

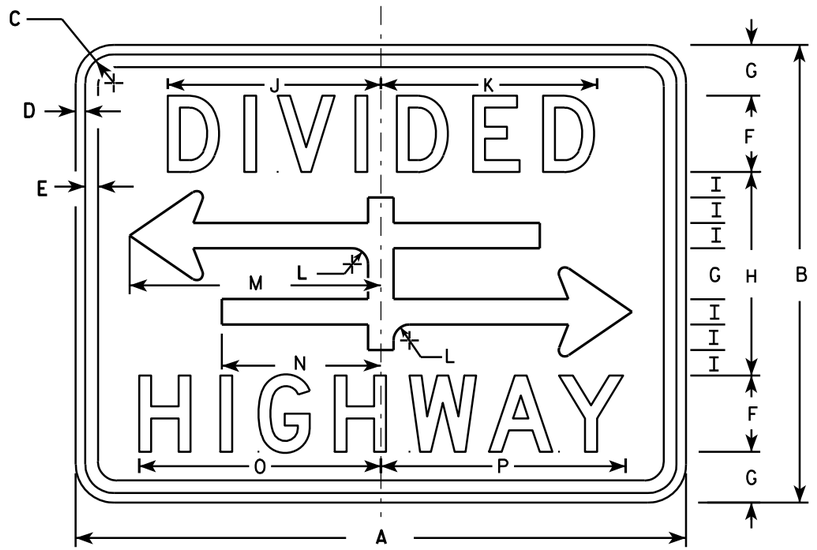
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

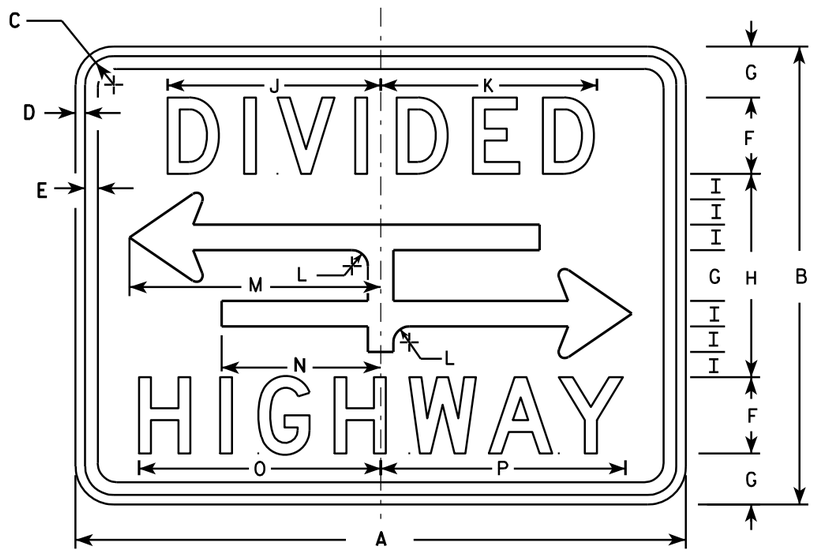
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 246	E



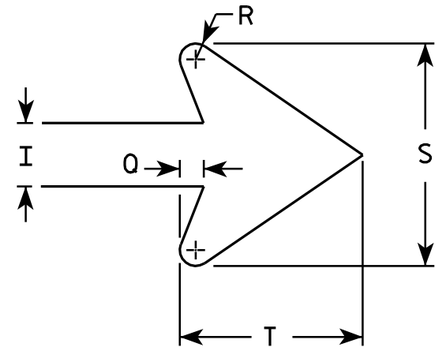
R6-3

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.



R6-3A



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	24	18	1 1/8	3/8	3/8	3	2	8	1	8 3/8	8 1/2	5/8	9 7/8	6 1/4	9 1/2	9 5/8	3/8	1/4	3 1/2	2 3/4							3.0
2S	30	24	1 1/8	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
2M	30	24	1 1/8	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
3																											
4																											
5																											

STANDARD SIGN
R6-3 & R6-3A

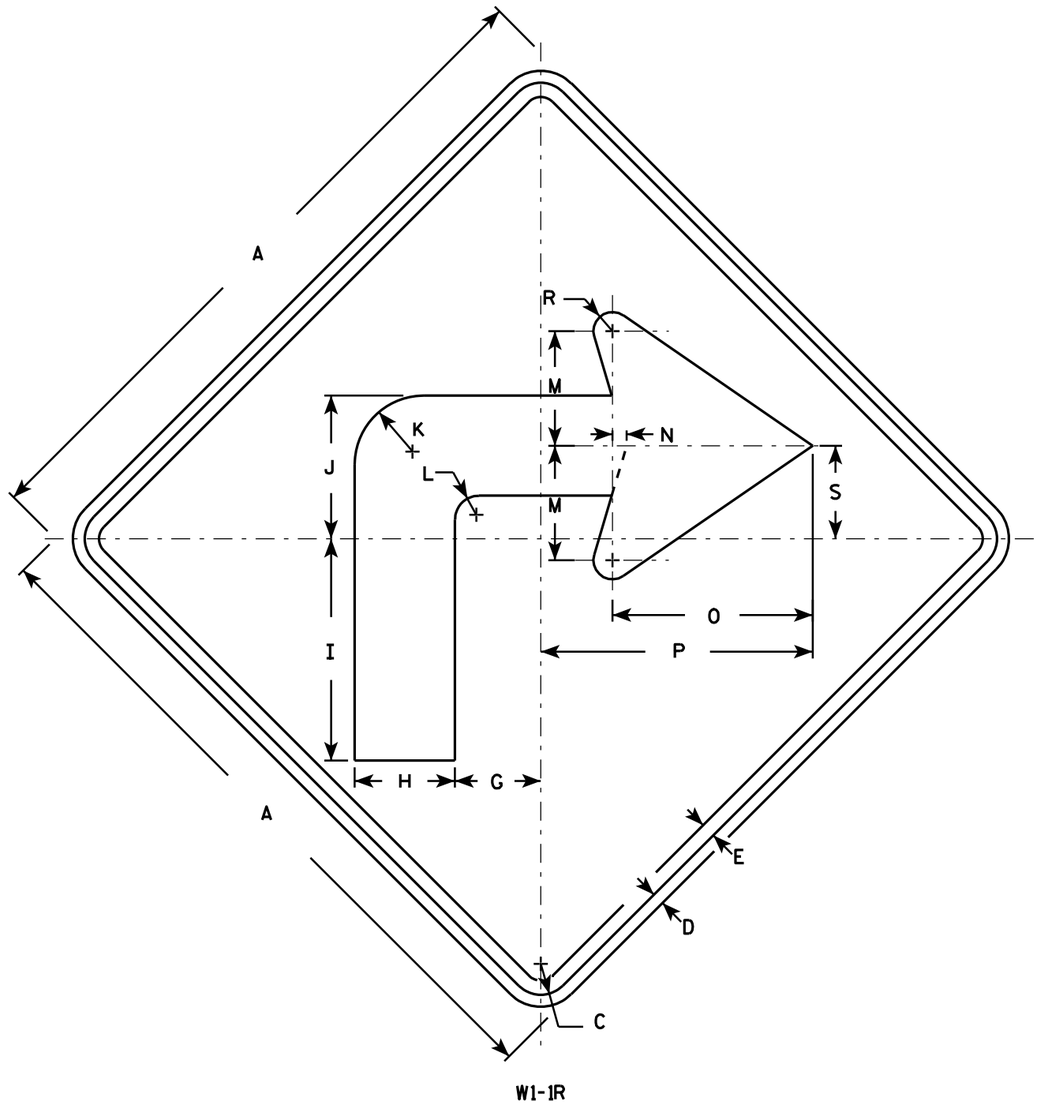
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R6-3.5

PROJECT NO:

SHEET NO: 247 E



W1-1R

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. 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. W1-1L is the same as W1-1R except the arrow 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	24		1 1/8	3/8	1/2		3	3 1/2	7 3/4	5	2 1/2	7/8	4	1/2	7	9 1/2		5/8	3 1/4								4.0
2S	36		1 5/8	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 1/4	6	3/4	10 1/2	14 1/4		1	4 7/8								9.0
2M	36		1 5/8	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 1/4	6	3/4	10 1/2	14 1/4		1	4 7/8								9.0
3	36		1 5/8	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 1/4	6	3/4	10 1/2	14 1/4		1	4 7/8								9.0
4	48		2 1/4	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19		1 1/4	6 1/2								16.0
5	48		2 1/4	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19		1 1/4	6 1/2								16.0

STANDARD SIGN
W1-1

WISCONSIN DEPT OF TRANSPORTATION

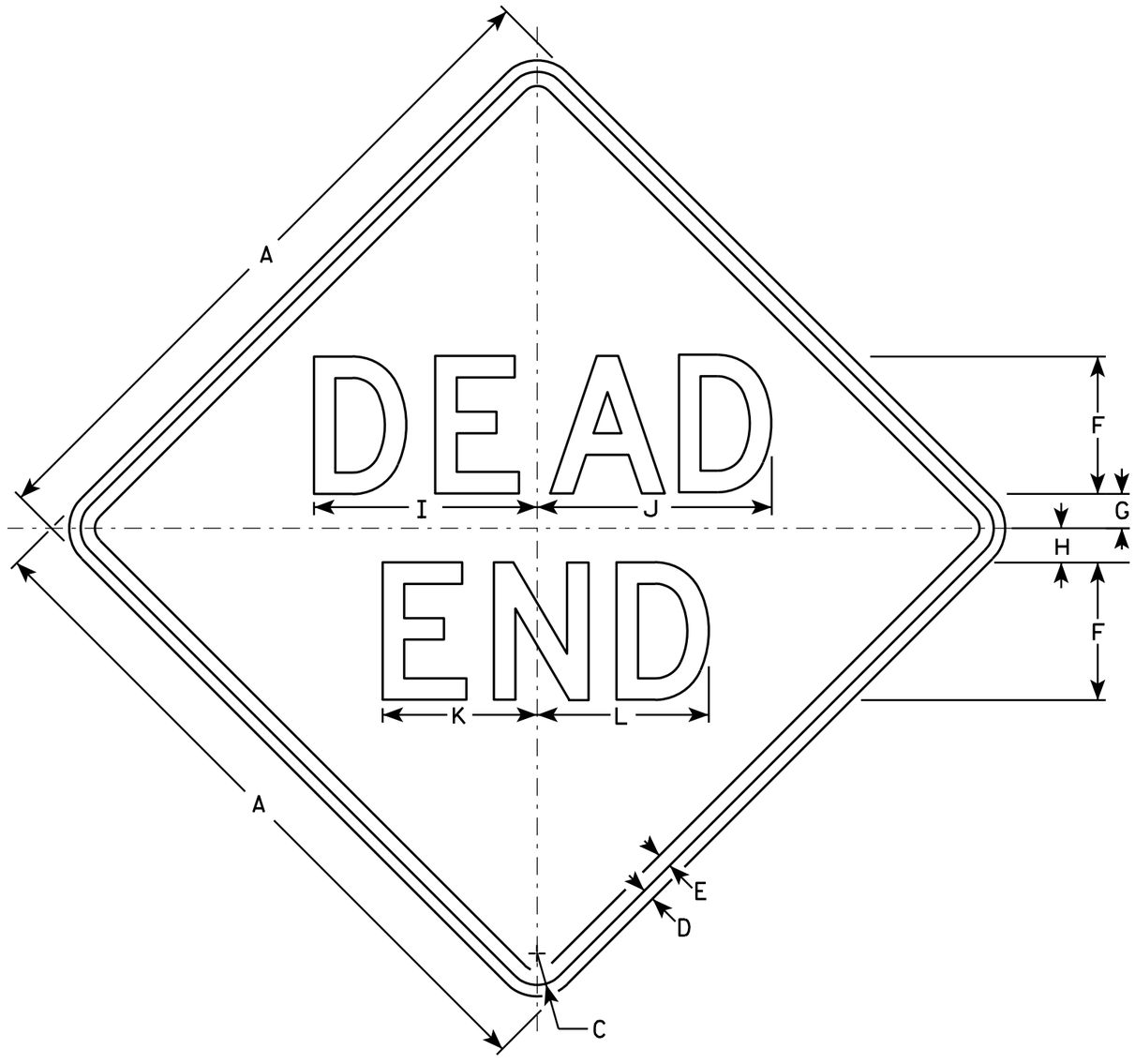
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/15/12 PLATE NO. W1-1.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 248 | E

7

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W11.DGN PLOT DATE : 15-MAY-2012 13:47 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 7.939035:1.000000
WISDOT/CADDS SHEET 42



W14-1

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.

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		1 1/8	3/8	1/2	5	1	2	8 1/4	8 5/8	5 5/8	6 1/4															4.0
2S	30		1 3/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
2M	30		1 3/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
3	36		1 5/8	5/8	3/4	7	2	3	11 3/8	12	7 7/8	8 3/4															9.0
4																											
5																											

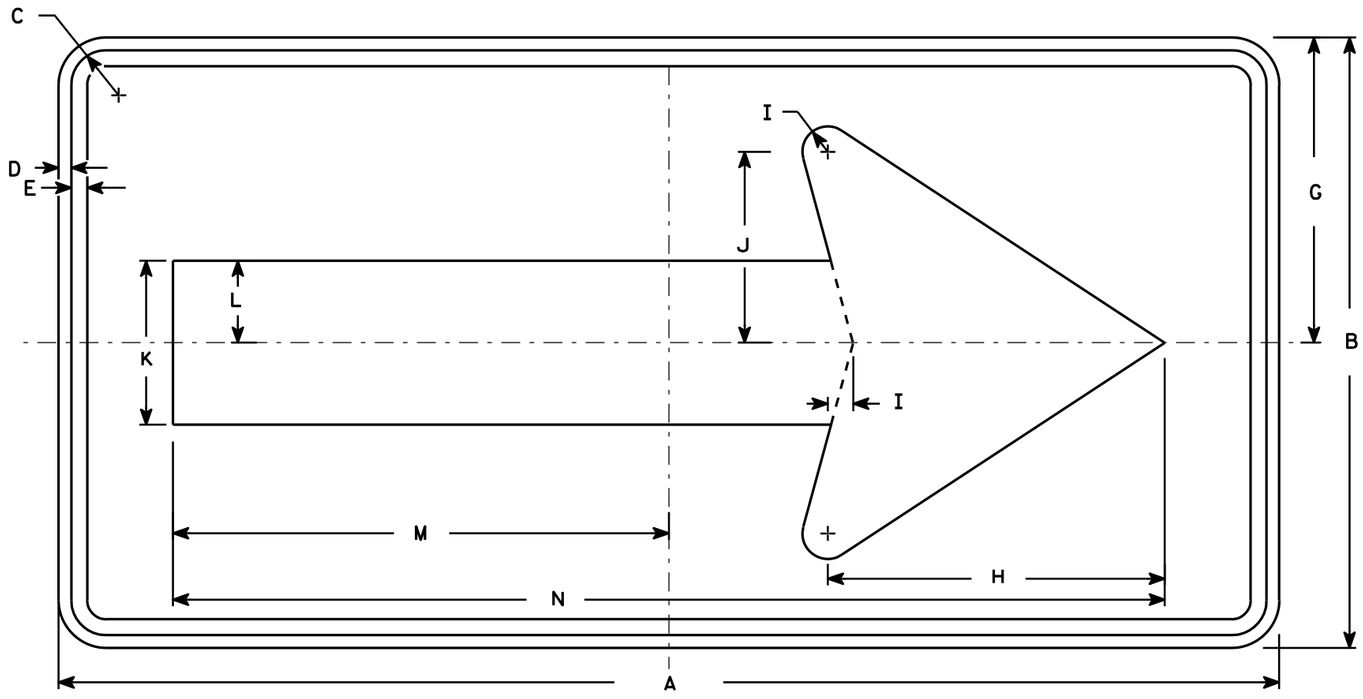
STANDARD SIGN
W14-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W14-1.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 249	E



W1-6

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.

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	36	18	1 1/8	3/8	3/8		9	10	3/4	5 5/8	4 3/4	2 3/8	14 5/8	29 1/4													4.5
2S	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	96	48	2 1/4	3/4	1		24	26 1/2	2	15	13	6 1/2	39	78													32.0

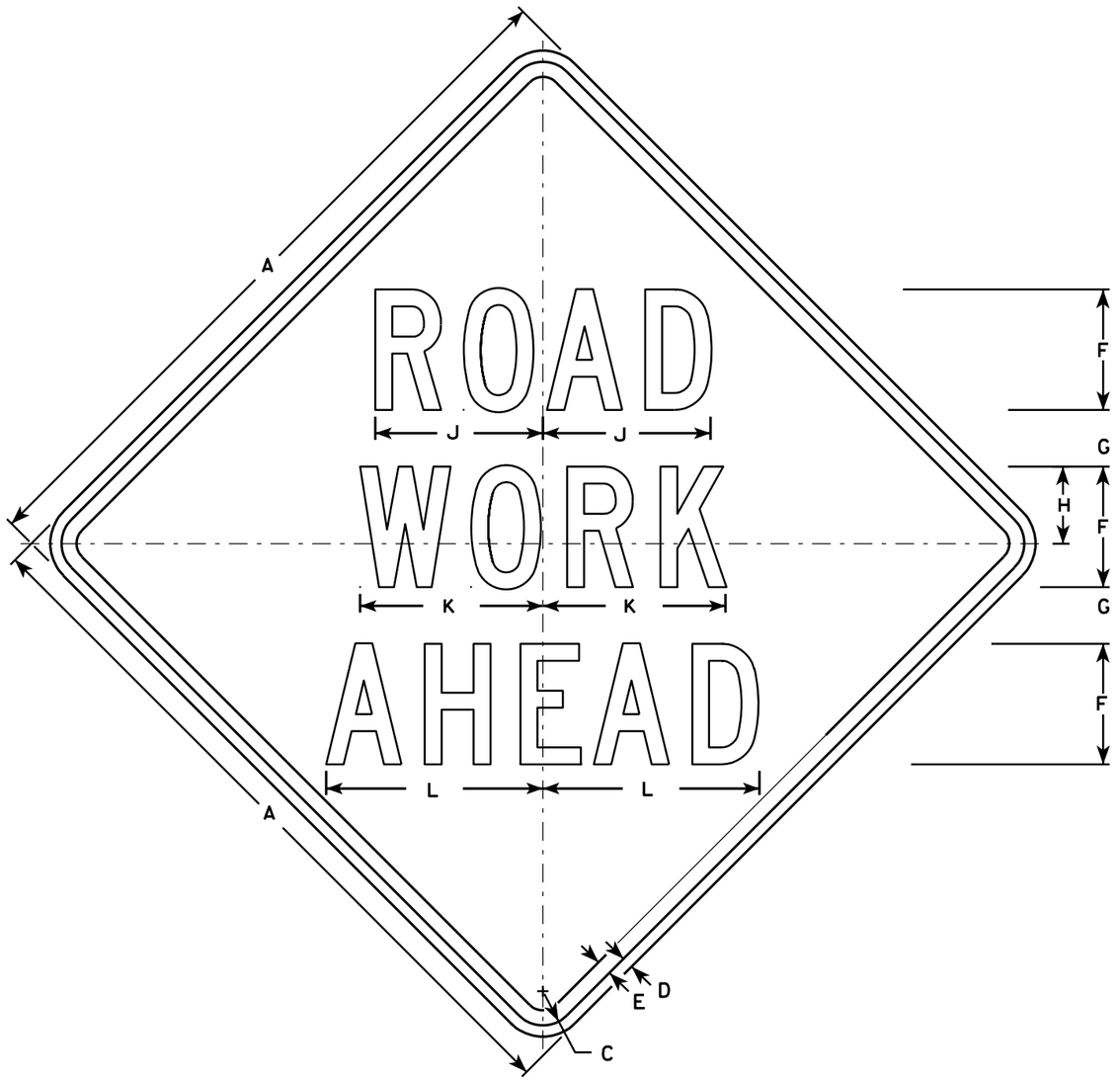
STANDARD SIGN
W1-6

WISCONSIN DEPT OF TRANSPORTATION

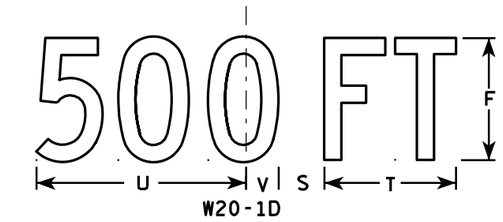
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-6.8

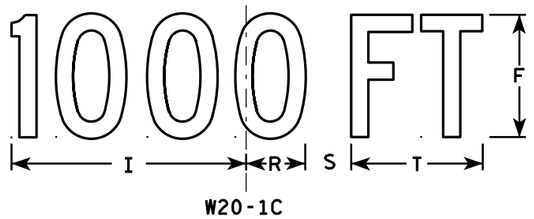
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 250



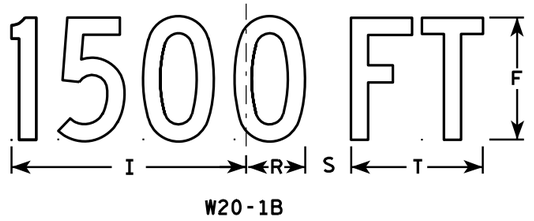
W20-1A



W20-1D



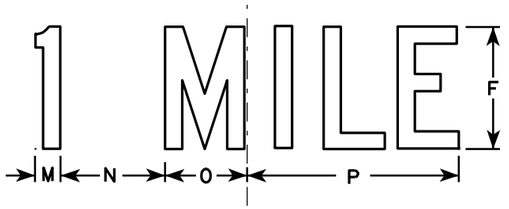
W20-1C



W20-1B



W20-1G



W20-1F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   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	36		1 3/8	1/2	5/8	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9		2 1/2	1 7/8	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8		3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8		3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8		3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8		3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8		3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-1.9

PROJECT NO:

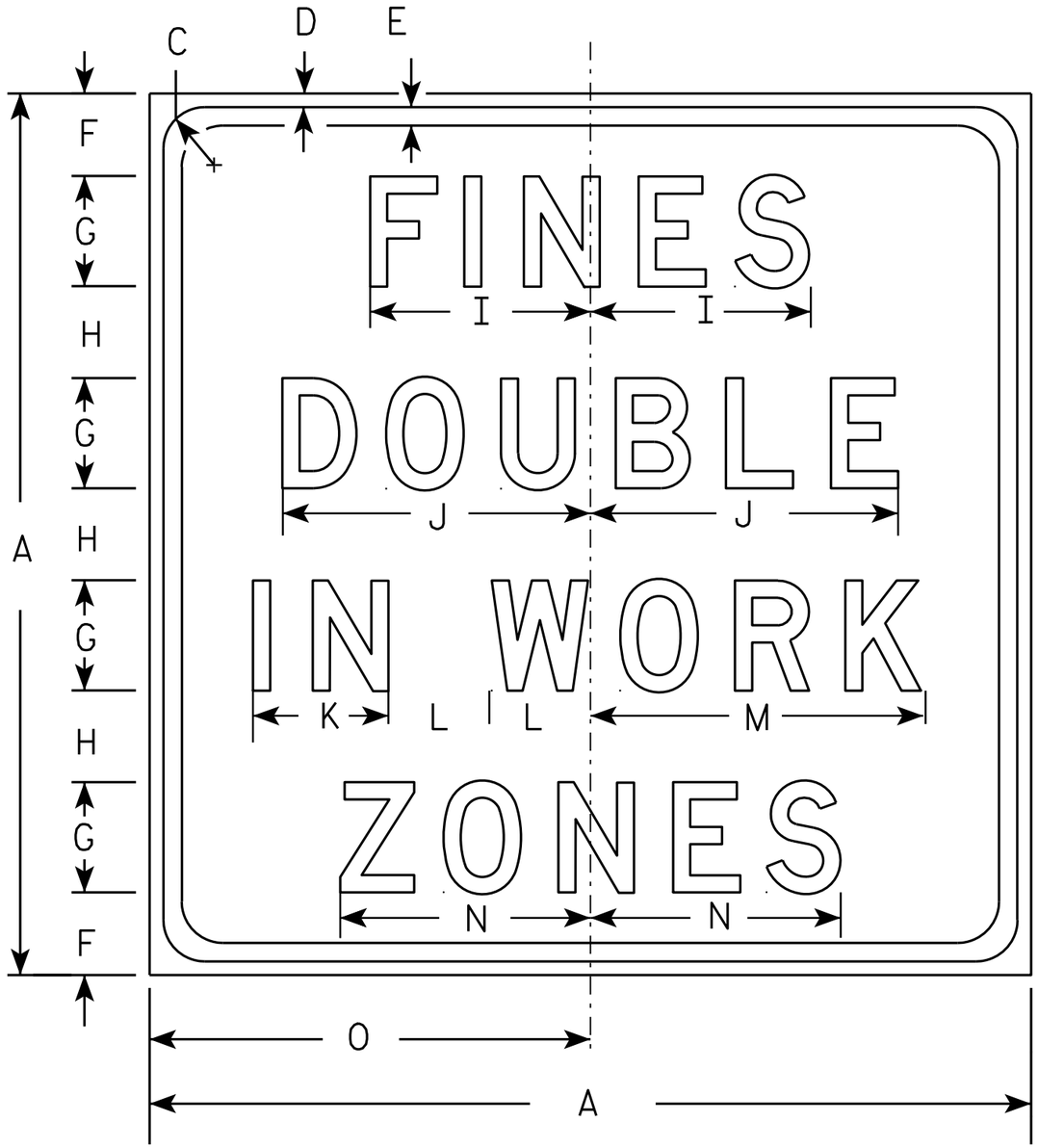
SHEET NO: 251 E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W201.DGN PLOT DATE : 18-MAR-2011 09:56 PLOT BY : mscj9h

WISDOT/CADDS SHEET 42

7

7



W21-61

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	24		1 1/8	3/8	1/2	2 1/4	3	2 1/2	6	8 3/8	3 3/4	2 3/4	9 1/8	6 7/8	12												4.0
2S	36		1 5/8	5/8	3/4	3 3/8	4 1/2	3 3/4	9	12 5/8	5 1/2	4 1/8	13 3/4	10 1/4	18												9.0
2M	36		1 5/8	5/8	3/4	3 3/8	4 1/2	3 3/4	9	12 5/8	5 1/2	4 1/8	13 3/4	10 1/4	18												9.0
3	48		2 1/4	3/4	1	4 1/2	6	5	12	16 3/4	7 3/8	5 1/2	18 1/4	13 5/8	24												16.0
4																											
5																											

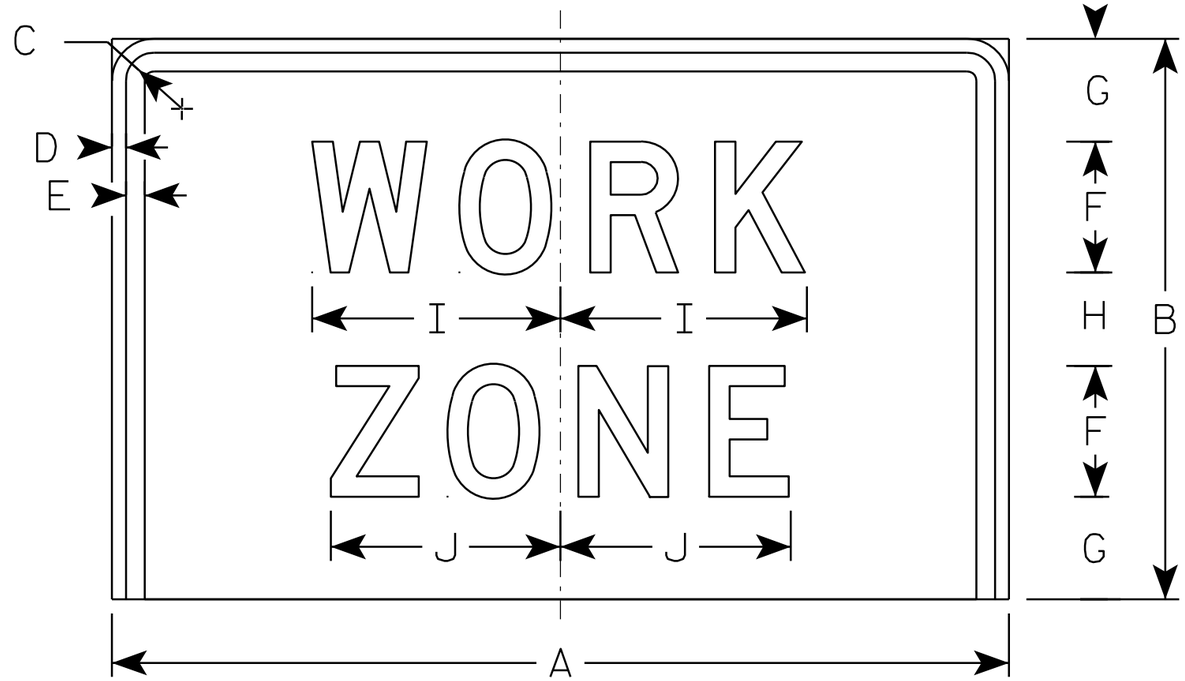
STANDARD SIGN
W21-61

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 3/21/11 PLATE NO. W21-61.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 252 | E



W21-620

NOTES

1. Sign is Type II - Type F - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D

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	48	30	2 1/4	3/4	1	7	5 1/2	5	13 1/4	12 1/4																	10.0
2M	48	30	2 1/4	3/4	1	7	5 1/2	5	13 1/4	12 1/4																	10.0
3																											
4																											
5																											

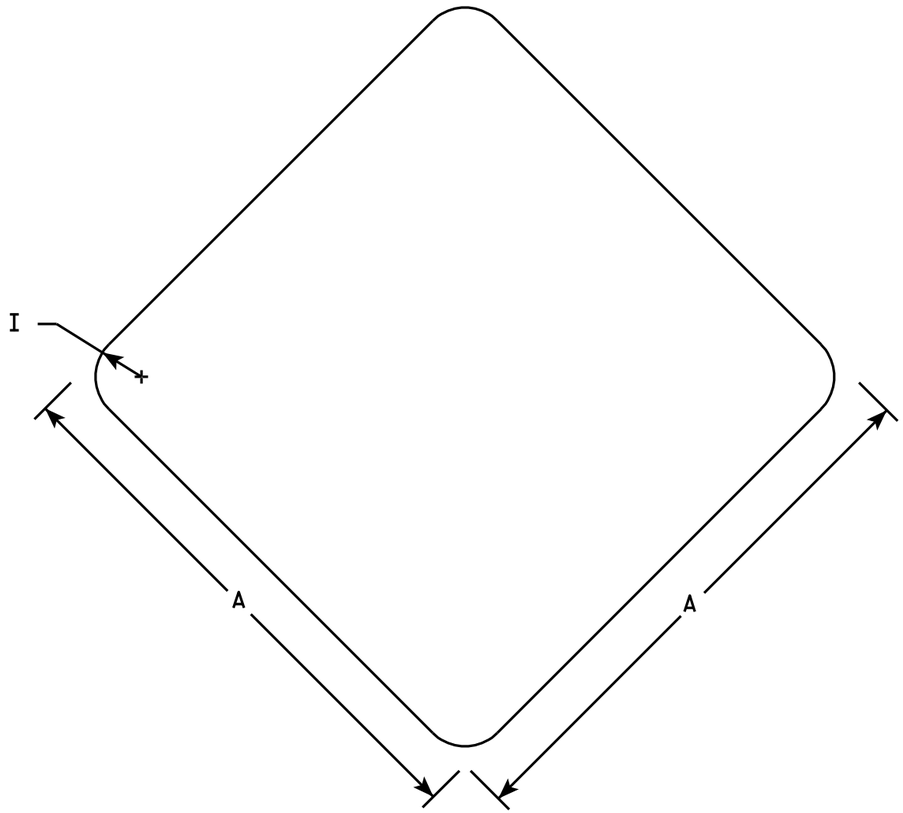
STANDARD SIGN
W21-620

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/21/11 PLATE NO. W21-620.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 253	E



W5-56

NOTES

1. Sign is Type II - Type SH Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
3. Corners may be square or rounded when base material is plywood. When base material is metal the corners 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	12								1																		1.0
2S	18								1 ½																		2.25
2M	18								1 ½																		2.25
3																											
4																											
5																											

STANDARD SIGN
W5-56

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. W5-56.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 254	E

STATE PROJECT NUMBER
1440-13-74

▲ SEE CORNER DETAILS

* BUILD APRON AND END OF BOX LEVEL

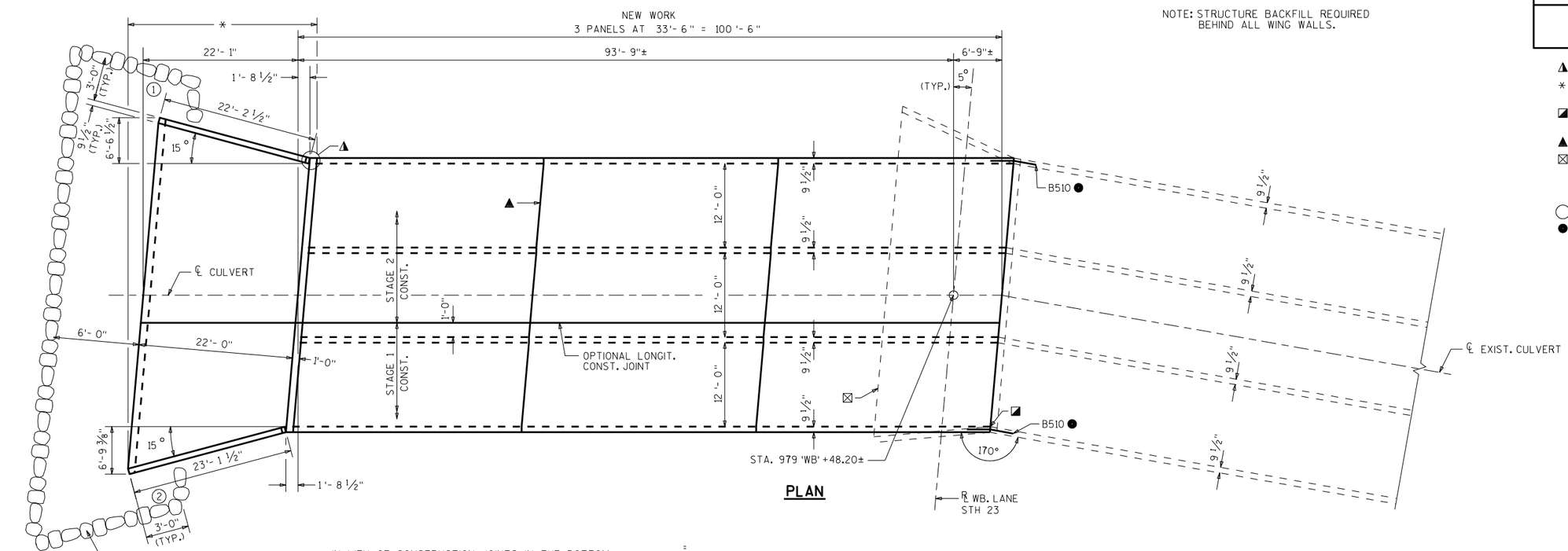
◪ INSIDE WALLS TO MATCH EXISTING (TYP.)

▲ VERT. CONST. JOINT (TYP.)

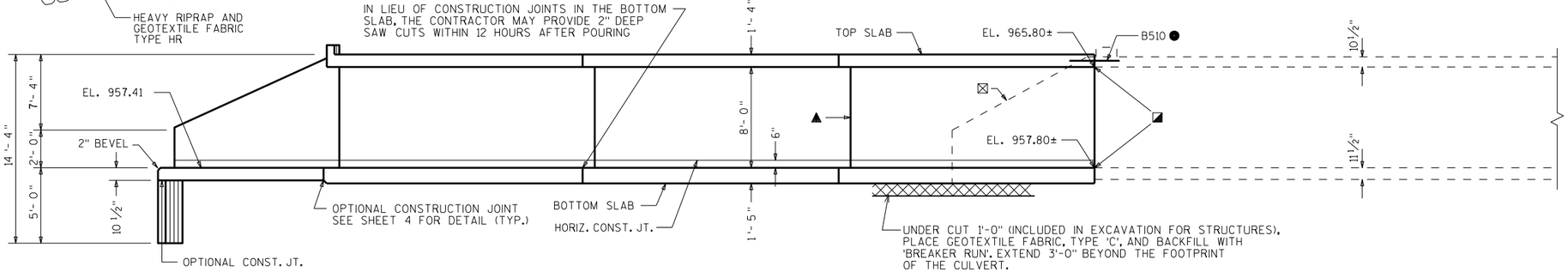
⊠ REMOVE EXISTING APRON AND WINGS. EXTEND EXISTING BAR STEEL REINFORCEMENT IN BOTTOM SLAB 2'-0" INTO NEW WORK.

◯ INDICATES WING NUMBER

● CONCRETE MASONRY ANCHORS, TYPE S (EPOXY ANCHORED), 5/8-INCH, EMBED 6" INTO SOUND CONCRETE AND SPACE AT 1'-0" CENTERS. (TYP. IN ALL WALLS AND TOP SLAB).



PLAN



OUTLET

ELEVATION
(INTERIOR WALLS NOT SHOWN)

LIST OF DRAWINGS

1. LAYOUT
2. OUTLET EXTENSION DETAILS
3. APRON DETAILS
4. DETAILS
5. SUBSURFACE EXPLORATION

STRUCTURE DESIGN CONTACT:
DANIELLE DE TENNIS (608) 266-8689
LAURA SHADEWALD (608) 267-9592

DESIGN DATA

LIVE LOAD:

DESIGN LOADING; HL-93
INVENTORY RATING FACTOR: RF=1.05
OPERATING RATING FACTOR: RF=1.35
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): 255 (KIPS)

EARTHLOAD: DESIGNED FOR 16.0 FT. OF FILL.

ULTIMATE DESIGN STRESSES:
CONCRETE MASONRY, GRADE A-FA ——— f'_c = 3500 P.S.I.
HIGH STRENGTH BAR STEEL REINFORCEMENT — f_y = 60000 P.S.I.

HYDRAULIC DATA

100 YEAR FREQUENCY
Q_{100} = 800 C.F.S.
VEL. = 4.2 F.P.S.
HW. = EL. 964.06

2 YEAR FREQUENCY
Q_2 = 230 C.F.S.
$HW._2$ = EL. 961.41

DRAINAGE AREA = 27.2 SQ. MI.
OVERTOPPING RDWY. = N.A.
SCOUR CODE = 8

TRAFFIC VOLUME

STH 23
A.D.T. = 10600 (2033)
R.D.S. = 70 M.P.H.

TOTAL ESTIMATED QUANTITIES

BID ITEMS

203.0200	REMOVING OLD STRUCTURE STA. 979+49.38	1	LS
206.2000	EXCAVATION FOR STRUCTURES CULVERTS B-59-99	1	LS
210.0100	BACKFILL STRUCTURE	1175	CY
311.0115	BREAKER RUN	211	CY
502.6105	MASONRY ANCHORS TYPE S 5/8-INCH	72	EACH
504.0100	CONCRETE MASONRY CULVERTS	544	CY
505.0410	BAR STEEL REINFORCEMENT HS CULVERTS	61,680	LB
505.0610	BAR STEEL REINFORCEMENT HS COATED CULVERTS	1,270	LB
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	42	SY
606.0300	RIPRAP HEAVY	28	CY
645.0105	GEOTEXTILE FABRIC TYPE C	674	SY
645.0120	GEOTEXTILE FABRIC TYPE HR	75	SY

NON-BID ITEMS

FILLER	3/4"	SIZE

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

THE UPPER LIMITS OF EXCAVATION FOR STRUCTURES SHALL BE THE EXISTING GROUNDLINE.

ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TO THE TOP OF THE BOX WITHIN THE LENGTH OF THE CULVERT.

THE CONCRETE IN THE CUTOFF WALLS MAY BE PLACED UNDERWATER IF THE EXCAVATION CANNOT BE DEWATERED.

PLACE A 18" (MIN.) WIDE SHEET OF 'RUBBERIZED MEMBRANE WATERPROOFING' ON TOP SLAB OVER ALL CONSTRUCTION JOINTS AND EXTEND DOWN TO BOTTOM OF OUTSIDE WALLS.

THE CONTRACTOR MAY FURNISH A PRECAST CONCRETE BOX CULVERT IN LIEU OF THE CAST-IN-PLACE BOX CULVERT WITH THE ACCEPTANCE OF THE SHOP DRAWINGS BY THE STRUCTURES DESIGN SECTION. THE PRECAST CONCRETE BOX CULVERT SHALL CONFORM TO PRECAST DETAILS IN CHAPTER 36 STANDARDS OF THE CURRENT WISC. DOT BRIDGE MANUAL. PAYMENT FOR THE PRECAST CULVERT SHALL BE BASED ON THE QUANTITIES AND PRICES BID FOR THE ITEMS LISTED IN THE "TOTAL ESTIMATED QUANTITIES".

CONTRACTOR MAY ELECT TO SUBSTITUTE #1 OR #2 CONCRETE COARSE AGGREGATE, SELECT CRUSHED MATERIAL OR OTHER GRANULAR MATERIAL AS APPROVED BY THE FIELD ENGINEER, IN LIEU OF THE BREAKER RUN, TO BE UTILIZED AS A CONSTRUCTION PLATFORM FOR THE BOX. THE CONTRACTOR IS RESPONSIBLE FOR BASE STABILITY WITH ANY SUBSTITUTED MATERIAL.

NO.	DATE	REVISION	BY

Plans Prepared By WISDOT
BUREAU OF STRUCTURES

ACCEPTED William C. Dreher 12/10/14
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-59-99

STH 23 OVER MULLET RIVER

COUNTY SHEBOYGAN | TOWN/~~CITY/VILLAGE~~ GREENBUSH

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
DFD	NAR	DFD	NAR

LAYOUT

SHEET 1 OF 5

255

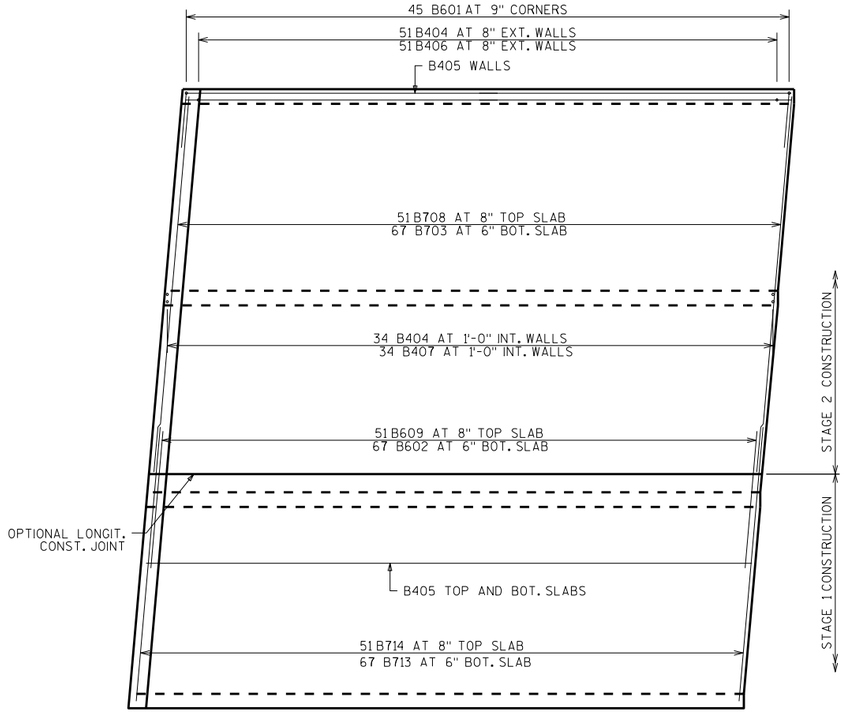
I.D. 1440-13-01C

DATE: JUNE 2014

SCALE = 4

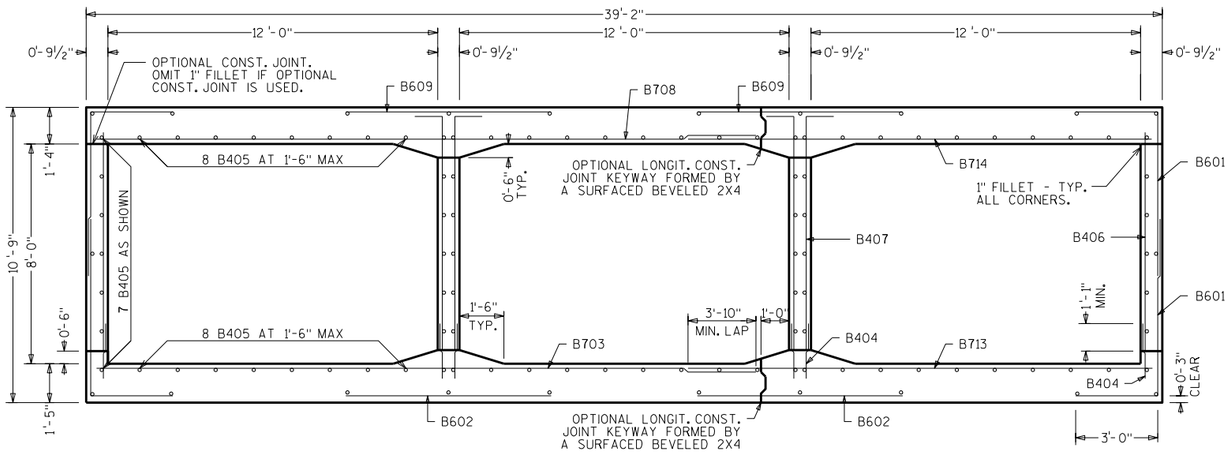
STATE PROJECT NUMBER

1440-13-74



PLAN VIEW OF EXTERIOR PANEL

INTERIOR PANELS SIMILAR



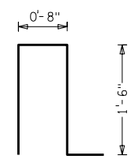
TYPICAL SECTION THRU BOX

ALL LONGITUDINAL BARS NOT IDENTIFIED ARE B405 AS SHOWN.

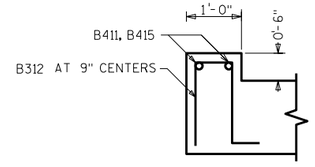
BILL OF BARS

THE FIRST OR FIRST AND SECOND DIGIT OF THE MARK SIGNIFIES THE BAR SIZE. THE DIMENSION IN THE BENT COLUMN IS THE OUT TO OUT HORIZONTAL LEG OF A "L" SHAPED BAR. LONGER BARS OF THE SAME SIZE MAY BE SUBSTITUTED FOR SHORTER BARS. PAYMENT BASED ON BAR LENGTHS AS DETAILED.

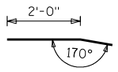
MARK	NUMBER REQ'D.	LENGTH	BENT	LOCATION
B601	540	9 -1	3-0	CORNERS
B602	402	7-6		BOTTOM SLAB TRANS.
B703	201	24-6		BOTTOM SLAB TRANS. - STAGE 2
B404	510	2-9		WALLS-DOWELS VERT.
B405	336	33-0		TOP&BOTTOM SLAB & WALL
B406	306	8-6		EXT. WALLS VERT.
B407	408	9-6	1-0	INT. WALLS VERT.
B708	153	24-6		TOP SLAB TRANS. - STAGE 2
B609	306	7-6		TOP SLAB TRANS.
● B510	72	2-6	YES	VERT. CONST. JNT.
B411	2	24-6		HEADER - STAGE 2
B312	53	3-11	YES	HEADER STIRRUPS
B713	201	18-4		BOTTOM SLAB TRANS. - STAGE 1
B714	153	18-4		TOP SLAB TRANS. - STAGE 1
B415	2	18-4		HEADER - STAGE 1
B516	224	4-0		VERT. CONST. JNT.



B312

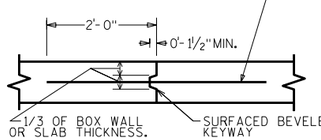


SECTION THRU TOP HEADER



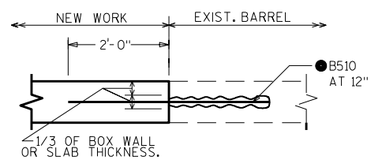
● B510

B516 AT 12" CONTRACTOR MAY UTILIZE MASONRY ANCHORS TYPE S (EPOXY ANCHORED) 5/8-INCH WITH 6" MINIMUM EMBEDMENT. INCIDENTAL TO "BAR STEEL REINFORCEMENT HS CULVERTS".



VERTICAL CONSTRUCTION JOINT

2" DEEP SAW CUT WITHIN 12 HOURS AFTER POURING MAY BE USED IN LIEU OF CONST. JT. IN BOTTOM SLAB.



VERTICAL CONSTRUCTION JOINT BETWEEN NEW AND EXIST.

● CONCRETE MASONRY ANCHORS, TYPE S (EPOXY ANCHORED), 5/8-INCH, EMBED 6" INTO SOUND CONCRETE AND SPACE AT 1'-0" CENTERS. (TYP. IN ALL WALLS AND TOP SLAB).

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-59-99

DRAWN BY DFD | PLANS CK'D. NAR

OUTLET EXTENSION DETAILS

SHEET 2

256

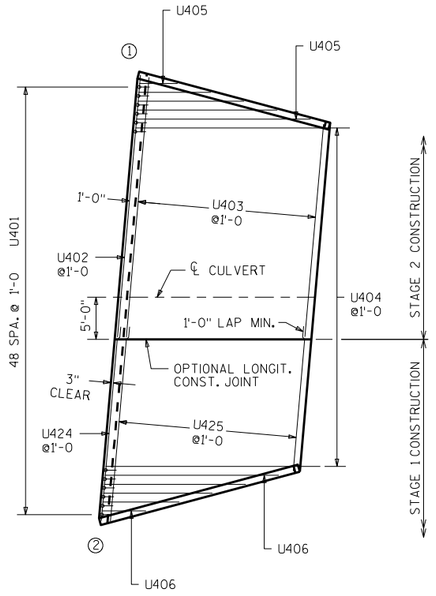
SCALE = 4

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8

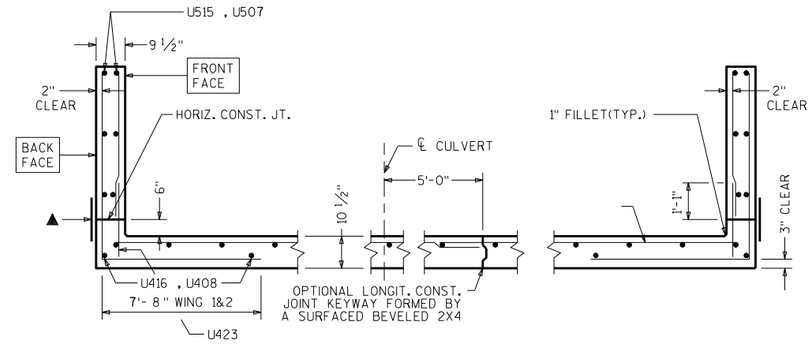
STATE PROJECT NUMBER

1440-13-74



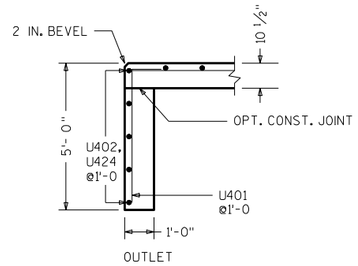
APRON REINF.

▲ 18" RUBBERIZED MEMBRANE WATER-PROOFING. PLACE ALONG HORIZ. CONST. JT. FOR ENTIRE WING LENGTH (TYP.).



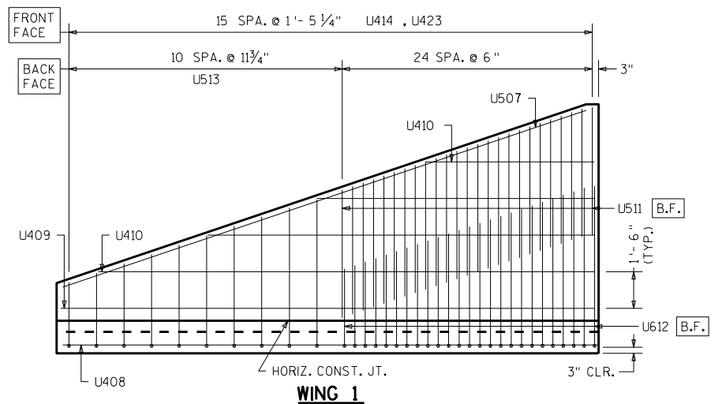
SECTION THRU WINGS

AT RIGHT ANGLES TO WING WALLS

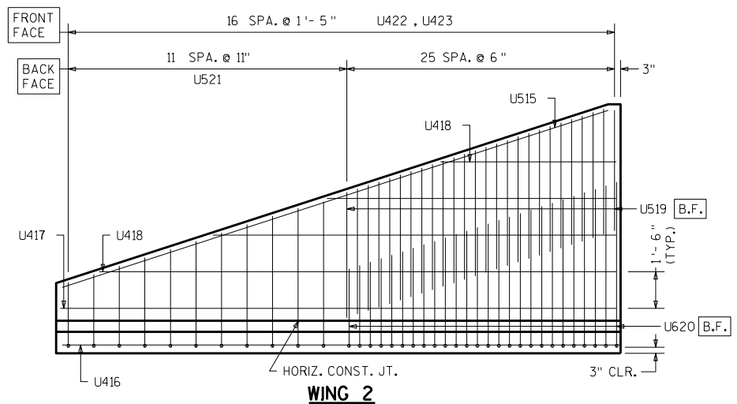


CUT-OFF WALLS

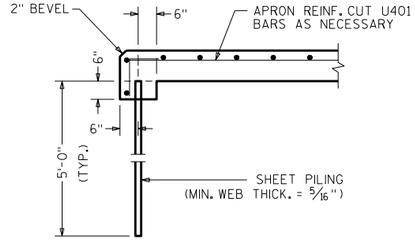
SECTION THRU THE WALLS



WING 1



WING 2



ALTERNATE CUT-OFF WALL

THE ABOVE ALT. MAY BE USED IN LIEU OF THE CAST-IN-PLACE CONC. CUT-OFF WALLS. PAYMENT WILL BE BASED ON THE CONC. CUT-OFF WALL.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-59-99

DRAWN BY DFD | PLANS CK'D. NAR

APRON DETAILS

SHEET 3

257

SCALE = 4

8

8

STATE PROJECT NUMBER

1440-13-74

BILL OF BARS

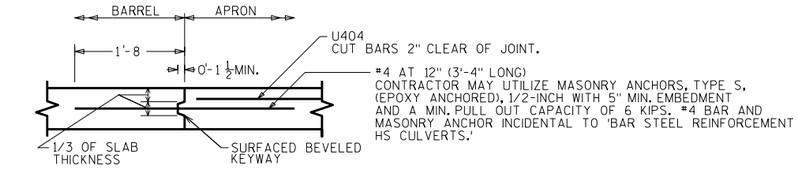
THE FIRST DIGIT OF THE BAR MARK SIGNIFIES THE BAR SIZE.
THE DIMENSION IN THE BENT COLUMN IS THE OUT TO OUT HORIZONTAL LEG OF AN L - SHAPED BAR.

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
U401		49	5 - 6	1 - 0		OUTLET APRON AND CUTOFF WALL
U402		5	30 - 0			OUTLET APRON AND CUTOFF WALL
U403		21	27 - 4		*	" APRON
U404		39	24 - 1			" APRON
U405		5	12 - 5		*	" APRON
U406		5	11 - 11		*	" APRON
U507		2	22 - 9			WING 1 -HORIZONTAL - BOTH FACES
U408		2	21 - 9			WING "-HORIZONTAL -APRON BOTT. SLAB
U409		2	21 - 9			WING "-HORIZONTAL - BOTH FACES
U410		8	13 - 9		*	WING "-HORIZONTAL - BOTH FACES
U511		25	4 - 6			WING "-VERTICAL - BACK FACE
U612	X	25	12 - 7	7 - 8	*	WING "-VERTICAL - BACK FACE
U513	X	10	11 - 6	7 - 8	*	WING "-VERTICAL - BACK FACE
U414		16	5 - 0		*	WING "-VERTICAL - FRONT FACE
U515		2	23 - 8			WING 2 -HORIZONTAL - BOTH FACES
U416		2	22 - 8			WING "-HORIZONTAL -APRON BOTT. SLAB
U417		2	22 - 8			WING "-HORIZONTAL - BOTH FACES
U418		8	14 - 4		*	WING "-HORIZONTAL - BOTH FACES
U519		26	4 - 6			WING "-VERTICAL - BACK FACE
U620	X	26	12 - 7	7 - 8	*	WING "-VERTICAL - BACK FACE
U521	X	11	11 - 6	7 - 8	*	WING "-VERTICAL - BACK FACE
U422		17	5 - 0		*	WING "-VERTICAL - FRONT FACE
U423	X	33	2 - 2			WINGS 1 AND 2 - DOWELS - FRONT FACE
U424		5	20 - 10			OUTLET APRON AND CUTOFF WALL
U425		21	18 - 5		*	" APRON

* LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

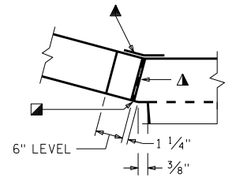
BAR SERIES TABLE --- BUNDLE AND TAG EACH SERIES SEPARATELY

BAR MARK	NO. REQ'D.	LENGTHS FOR EACH SERIES
U403	1 SERIES OF 21	24 - 8 TO 29 - 11
U405	1 SERIES OF 5	5 - 1 TO 19 - 8
U406	1 SERIES OF 5	4 - 3 TO 19 - 7
U410	2 SERIES OF 4	7 - 1 TO 20 - 4
U612	1 SERIES OF 25	10 - 7 TO 14 - 7
U513	1 SERIES OF 10	10 - 1 TO 13 - 0
U414	1 SERIES OF 16	1 - 4 TO 8 - 7
U418	2 SERIES OF 4	7 - 4 TO 21 - 3
U620	1 SERIES OF 26	10 - 7 TO 14 - 7
U521	1 SERIES OF 11	10 - 0 TO 13 - 0
U422	1 SERIES OF 17	1 - 4 TO 8 - 7
U425	1 SERIES OF 21	15 - 8 TO 21 - 2



OPTIONAL CONSTRUCTION JOINT

2" DEEP SAW CUT WITHIN 12 HOURS AFTER POURING MAY BE USED IN LIEU OF CONST. JT. IN BOTTOM SLAB.

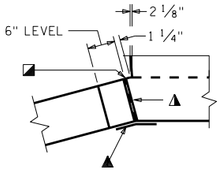


CORNER 1

▲ 3/4" FILLER TYPICAL. EXTEND FILLER FROM HORIZ. CONST. JT. TO TOP OF WING.

◪ 1" BEVEL TYPICAL

▲ 18" RUBBERIZED MEMBRANE WATER-PROOFING. EXTEND FROM HORIZ. CONST. JT. TO TOP OF WALL.



CORNER 2

CORNER DETAILS

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-59-99

DRAWN BY DFD | PLANS CK'D. NAR

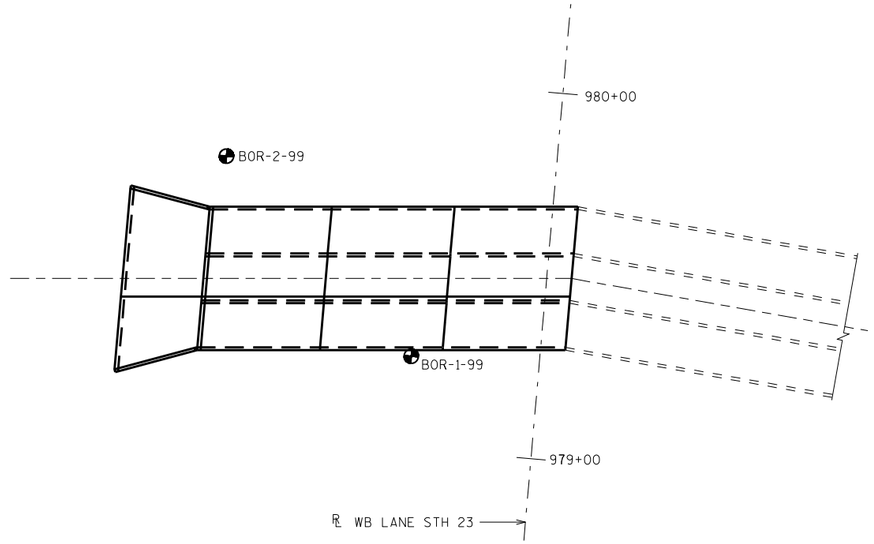
DETAILS

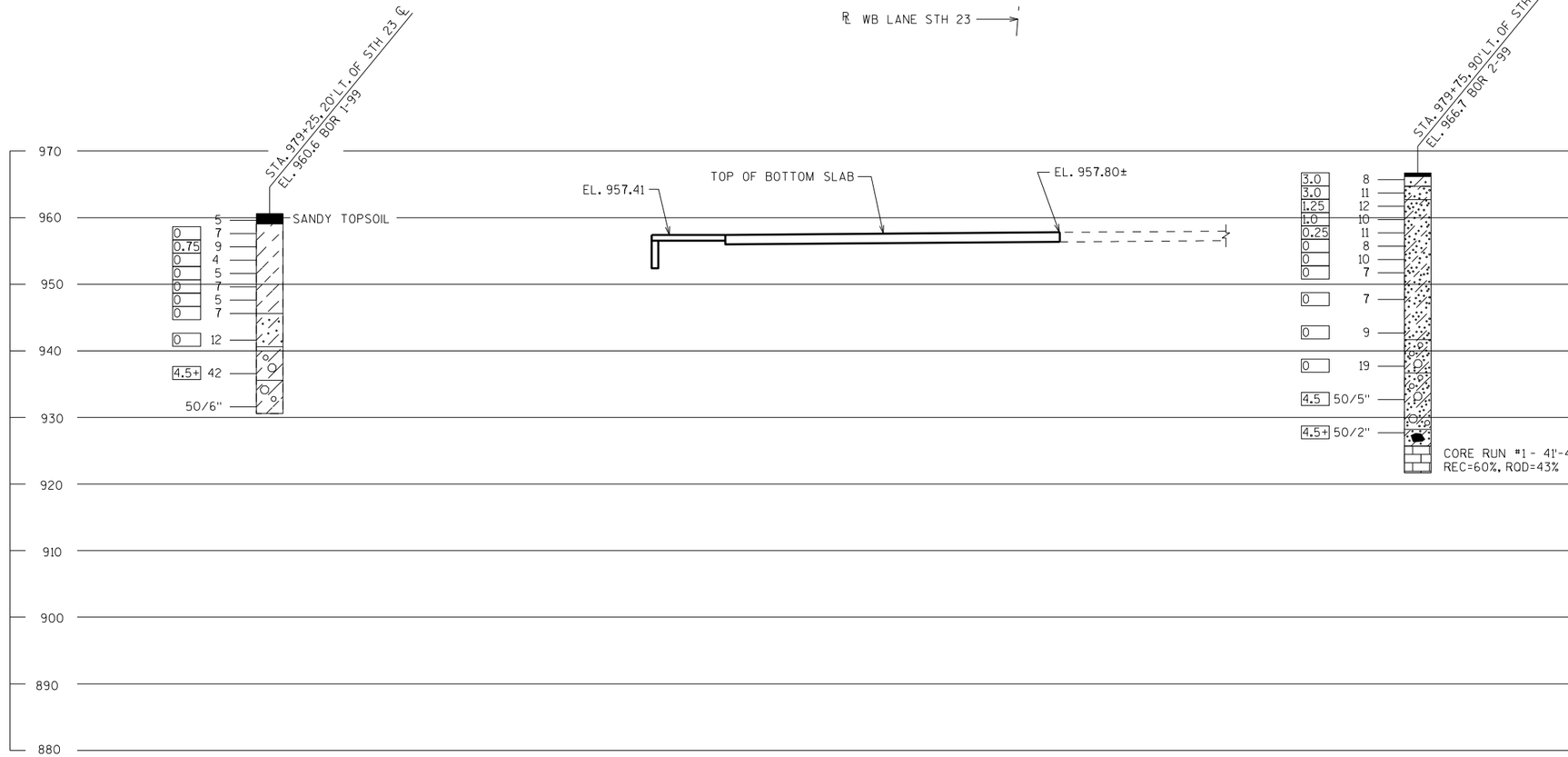
SHEET 4

258

SCALE = 4

FOND DU LAC - PLYMOUTH
WCL - CTH C





STATE PROJECT NUMBER

1440-13-74

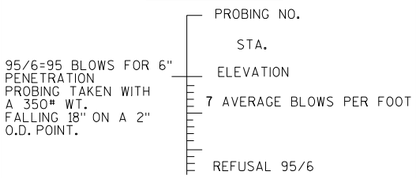
ABBREVIATIONS

F — FINE M — MEDIUM C — COARSE
WS — WEATHERED SO — SOUND

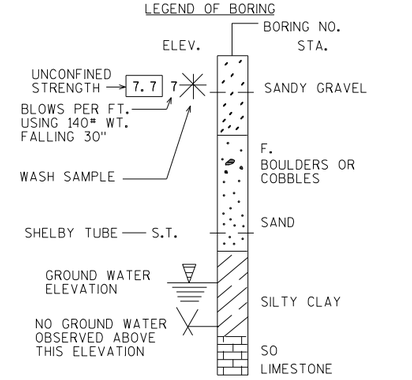
MATERIAL SYMBOLS

TOPSOIL, SILT, SANDSTONE
SAND, PEAT, LIMESTONE
GRAVEL, CLAY, IGNEOUS ROCK

LEGEND OF PROBING



LEGEND OF BORING



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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.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-59-99

DRAWN BY PR/NAR | PLANS CK'D. NAR

SUBSURFACE EXPLORATION

SHEET 5

259

SCALE = 10

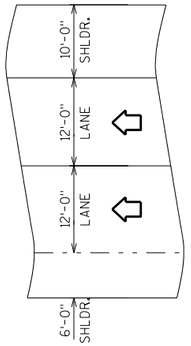
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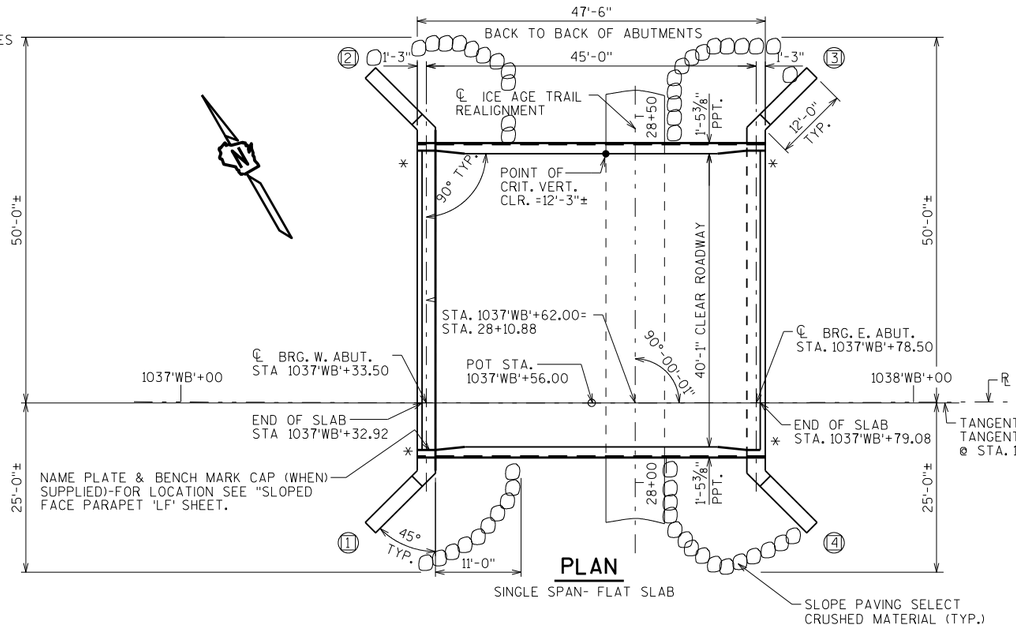
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STATE PROJECT NUMBER
1440-13-74

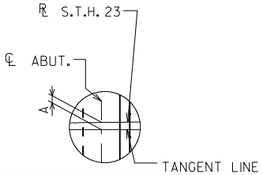
* PROVIDE FOR THRIE BEAM GUARD RAIL ATTACHMENT. AT UNUSED ANCHOR ASSEMBLIES CAULK HOLES SHUT WITH '100%' SILICONE CAULK.

(1) INDICATES WING NUMBER



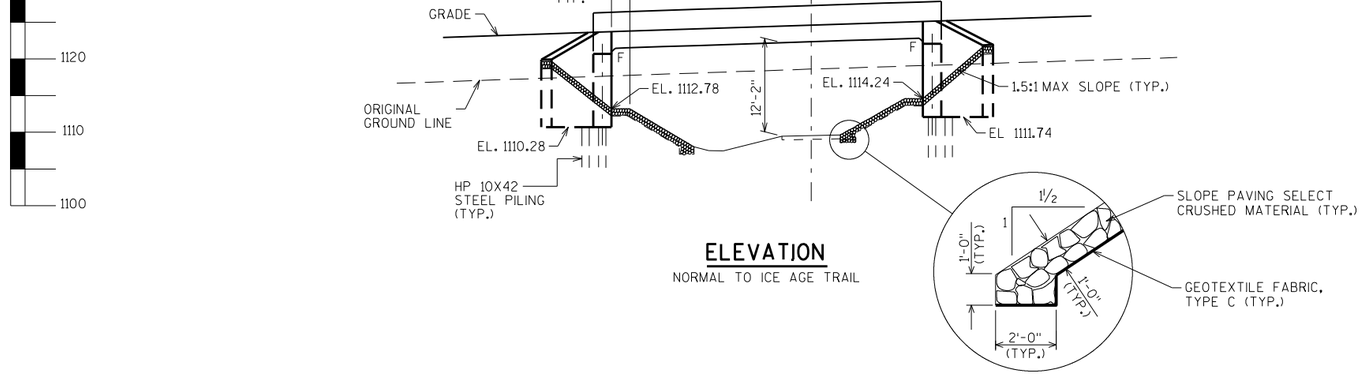


PLAN
SINGLE SPAN- FLAT SLAB

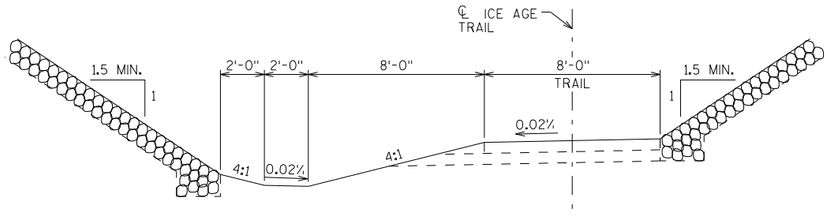


LOCATION	DIM. A (ALONG ℄ SUBSTR.)
WEST ABUT.	0'-0¼"
EAST ABUT.	0'-0¼"

TANGENT OFFSET DETAIL & TABLE



ELEVATION
NORMAL TO ICE AGE TRAIL



PROPOSED TYPICAL SECTION THRU ICE AGE TRAIL

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: RF=1.08
OPERATING RATING FACTOR: RF=1.40
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 SLAB — f'c = 4,000 P.S.I. ALL OTHER — f'c = 3,500 P.S.I.
BAR STEEL REINFORCEMENT, GRADE 60 — fy = 60,000 P.S.I.

FOUNDATION DATA

ABUTMENTS TO BE SUPPORTED ON HP 10 X42 STEEL PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 160 TONS **PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATED 30'-0" LONG. PILE POINTS ARE REQ'D.

** 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.

TRAFFIC VOLUME

S.T.H. 23
A.D.T.=12,100 (2033)
R.D.S.=70 M.P.H.

CURVE DATA

℞ S.T.H. 23 W.B.
P.I. = STA.1039'WB'+04.05
Δ = 10°04'32.7"
D = 00°30'09.5"
T = 1004.89'
L = 2004.60'
R = 11399.16'
S.E. = R.C.
P.C. = 1028'WB'+99.16
P.T. = 1049'WB'+03.76

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES
3. SUBSURFACE EXPLORATION
4. WEST ABUTMENT
5. WEST ABUTMENT DETAILS
6. EAST ABUTMENT
7. EAST ABUTMENT DETAILS
8. SUPERSTRUCTURE
9. SUPERSTRUCTURE DETAILS
10. SLOPED FACE PARAPET 'LF'

STRUCTURE DESIGN CONTACT:
DANIELLE DE TENNIS (608) 266-8689
LAURA SHADEWALD (608) 267-9592

NO.	DATE	REVISION	BY

Plans Prepared By **WISDOT**
BUREAU OF STRUCTURES

ACCEPTED William C. Dreher LLS 2/17/12
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-59-316

WESTBOUND S.T.H. 23 OVER ICE AGE TRAIL

COUNTY	TOWN/~~CITY/VILLAGE~~
SHEBOYGAN	GREENBUSH

DESIGN SPEC. AASHTO LRFD DESIGN SPEC. 5th EDITION

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
DFD	BLB	CRJ	BLB

GENERAL PLAN

SHEET 1 OF 10

260

SCALE = 10

I.D. 1440-13-01B

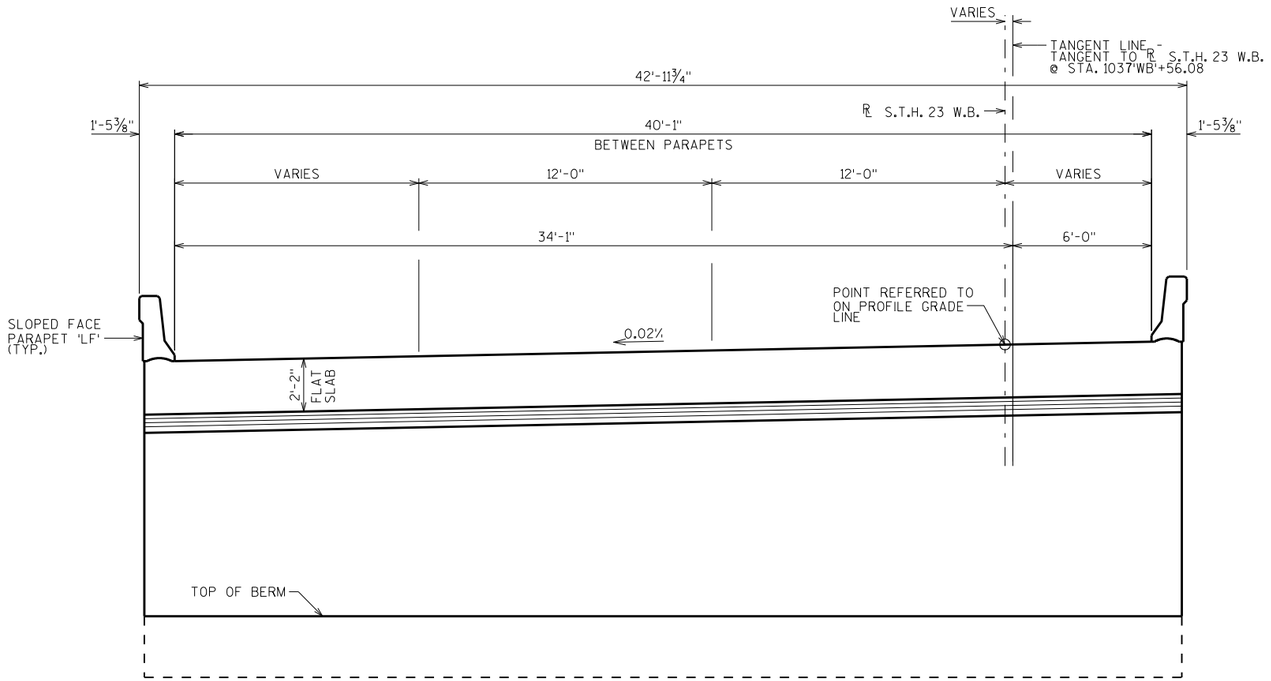
DATE: AUG. '11

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8

STATE PROJECT NUMBER

1440-13-74



CROSS SECTION THRU ROADWAY LOOKING EAST

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.

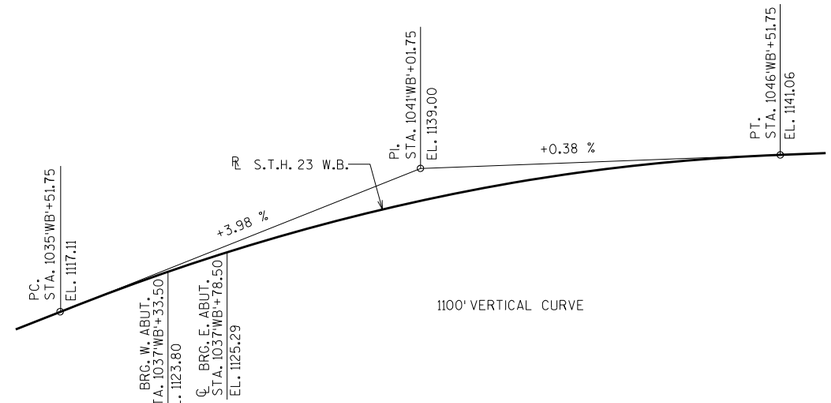
AT THE BACKFACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL.

SLAB FALSEWORK SHALL BE SUPPORTED ON PILES OR THE SUBSTRUCTURE, UNLESS AN ALTERNATE METHOD IS APPROVED BY THE ENGINEER.

THE GRADATION OF THE STRUCTURE BACKFILL SHALL MEET THE REQUIREMENTS OF SECTION 209.2.2 OF THE STANDARD SPECIFICATIONS FOR GRADE 1 MATERIAL.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE TOP OF DECK SURFACE AND THE FRONT FACE AND THE TOP OF THE PARAPET.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SLOPE PAVING SELECT CRUSHED MATERIAL AND GEOTEXTILE FABRIC TYPE C TO THE EXTENT SHOWN ON SHEET 1 AND IN THE ABUTMENT DETAILS.



PROFILE GRADE LINE ℄ WESTBOUND S.T.H. 23



PROFILE GRADE LINE ℄ ICE AGE TRAIL

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER.	WEST ABUT.	EAST ABUT.	TOTALS
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-59-316	LS	———	———	———	1
210.0100	BACKFILL STRUCTURE	CY	———	290	290	580
502.0100	CONCRETE MASONRY BRIDGES	CY	178	69	69	316
502.3200	PROTECTIVE SURFACE TREATMENT	SY	245	———	———	245
505.0405	BAR STEEL REINFORCEMENT HS BRIDGES	LB	———	3220	3220	6440
505.0605	BAR STEEL REINFORCEMENT HS COATED BRIDGES	LB	32145	2195	2200	36540
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	———	13	13	26
550.0500.S	PILE POINTS	EACH	———	9	9	18
550.1100.S	PILING STEEL HP 10-INCH X 42 LB	LF	———	270	270	540
604.0600	SLOPE PAVING SELECT CRUSHED MATERIAL	SY	———	125	125	250
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	———	100	100	200
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	4	———	———	4
645.0105	GEOTEXTILE FABRIC TYPE C	SY	———	115	115	230
	NON-BID ITEMS					
	FILLER	SIZE	———	———	———	½" & ¾"

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-59-316

DRAWN BY CRJ | PLANS CK'D. BLB

CROSS SECTION & QUANTITIES

SHEET 2

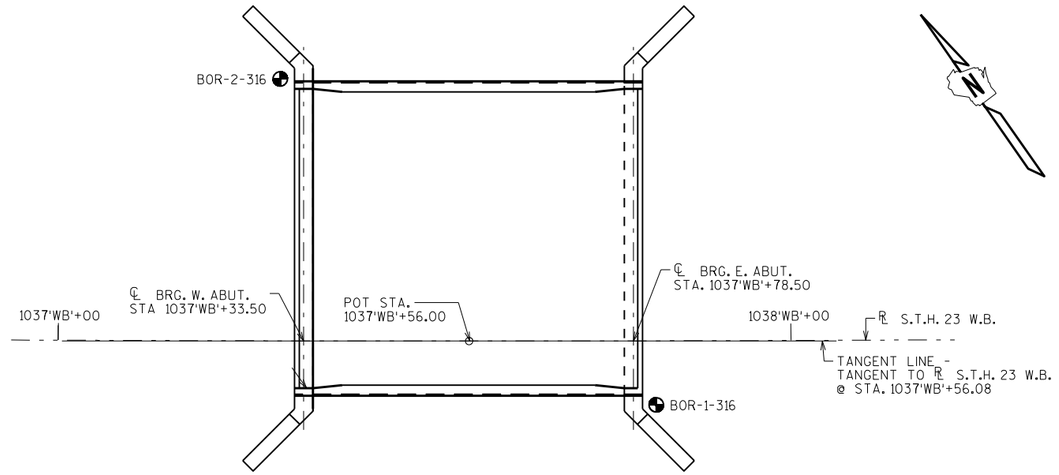
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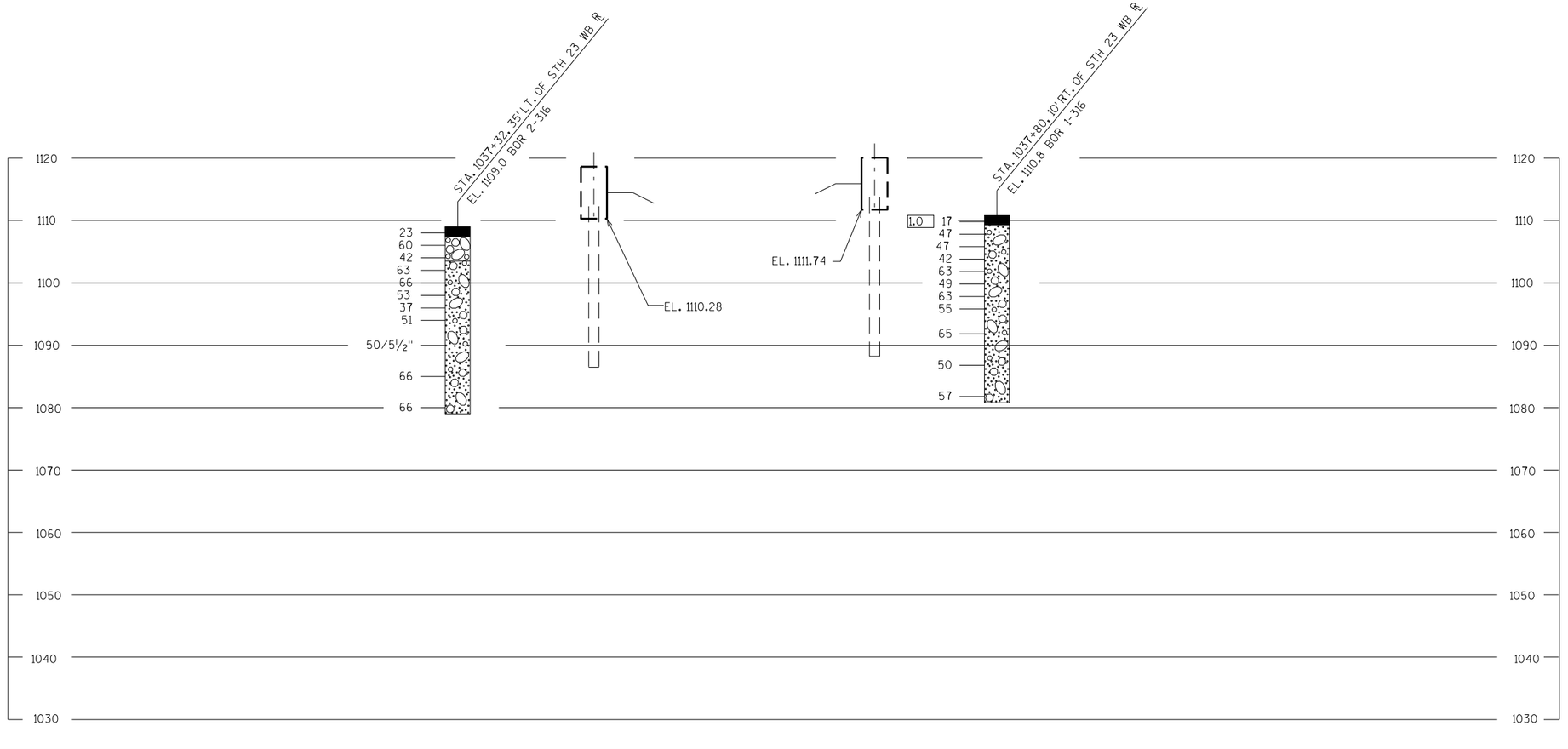
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8

FOND DU LAC - PLYMOUTH
WCL - CTH C





STATE PROJECT NUMBER

1440-13-74

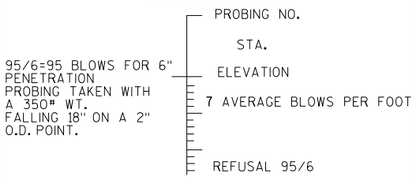
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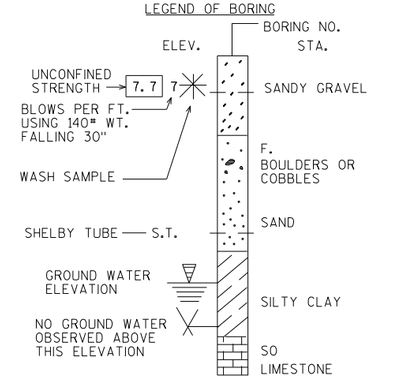
MATERIAL SYMBOLS

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SAND, PEAT, LIMESTONE
GRAVEL, CLAY, IGNEOUS ROCK

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NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-59-316

DRAWN BY CRJ | PLANS CK'D. BLB

SUBSURFACE EXPLORATION

SHEET 3

262

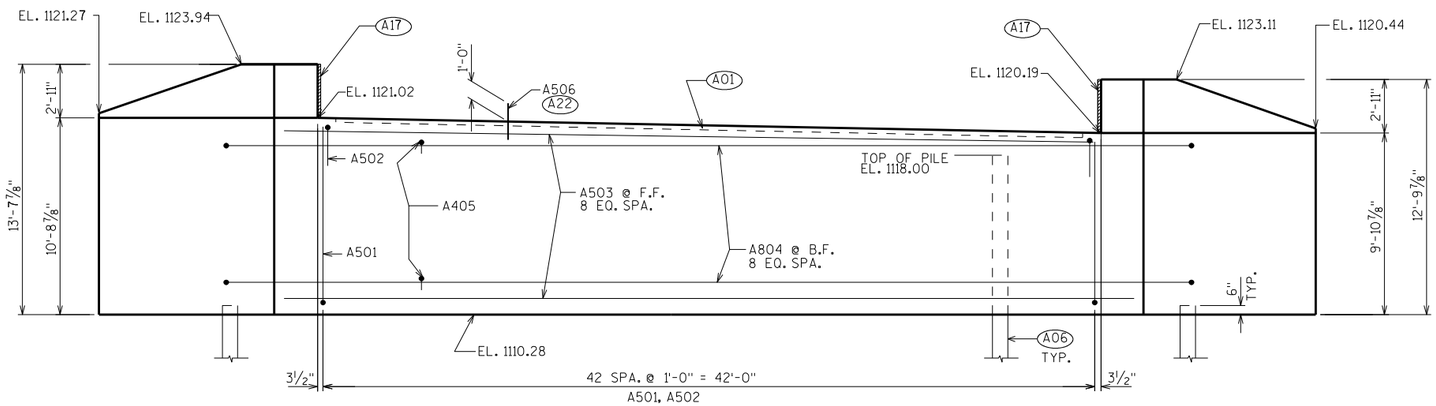
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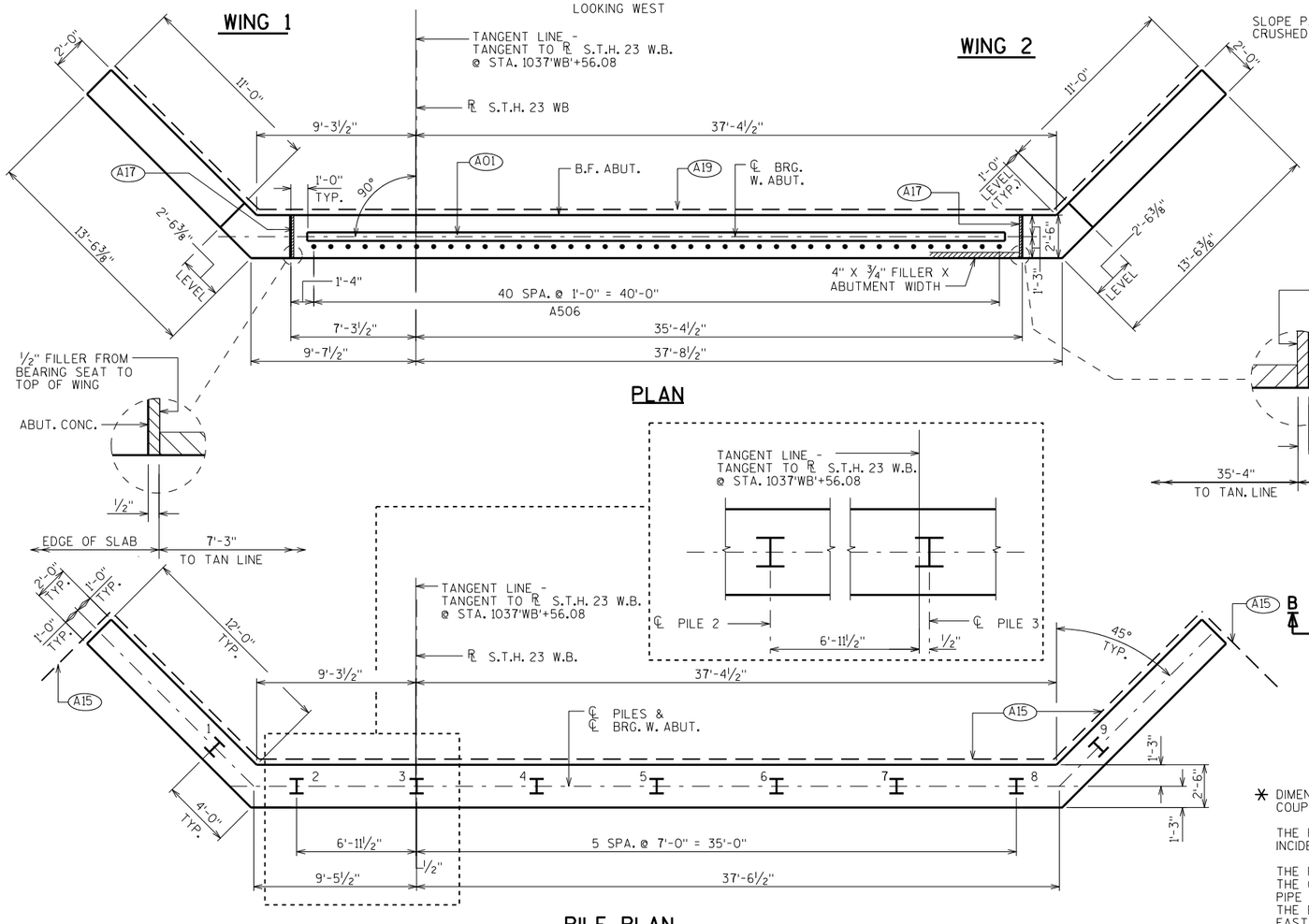
STATE PROJECT NUMBER

1440-13-74



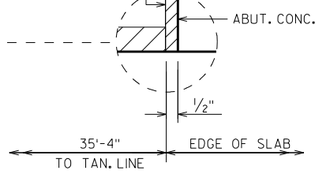
ELEVATION

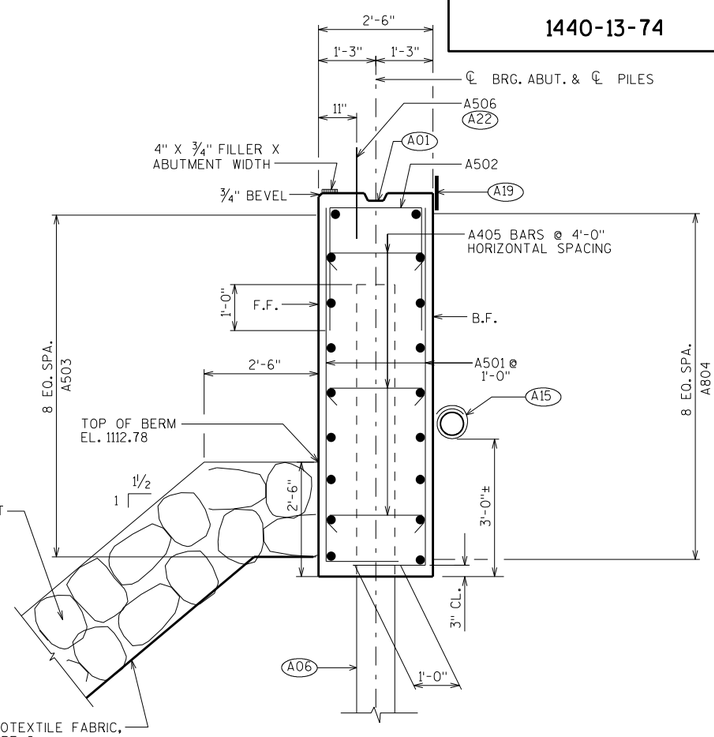
LOOKING WEST



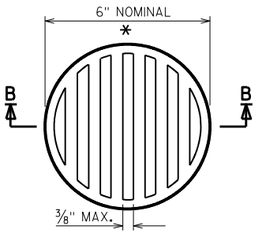
PLAN

PILE PLAN





SECTION THRU ABUTMENT BODY



RODENT SCREEN DETAIL

* DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SCREEN, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SCREEN 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 SCREEN TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SCREEN SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH SHEET METAL SCREWS.

(A01) CONSTRUCTION JOINT: KEYWAY FORMED BY A BEVELED 2" x 6".

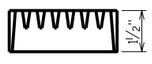
(A06) SUPPORT ABUTMENT ON HP 10 x 42 STEEL PILING, ESTIMATED 30'-0" LONG WITH A REQUIRED DRIVING RESISTANCE OF 160 TONS PER PILE. PILE POINTS ARE REQ'D.

(A17) 1/2" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW CUTTER LINE AT INSIDE FACE.

(A15) PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SCREEN REQUIRED.

(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

(A22) A506 BARS SPACED @ 1'-0" CTRS.. MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE. (EMBED 1'-0" INTO CONC.)



SECTION B-B

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-59-316

DRAWN BY CRJ | PLANS CK'D. BLB

WEST ABUTMENT

SHEET 4

263

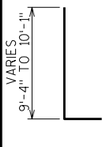
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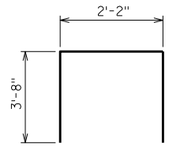
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STATE PROJECT NUMBER

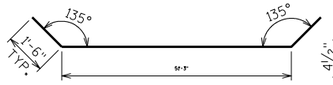
1440-13-74



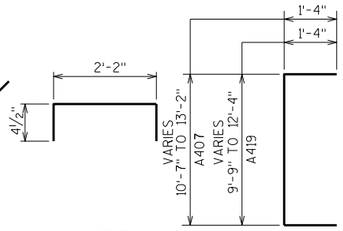
A501



A502

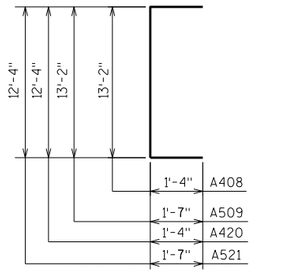


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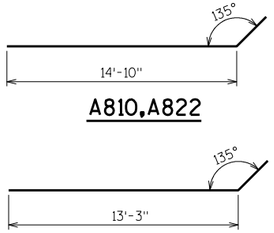


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A407,A419

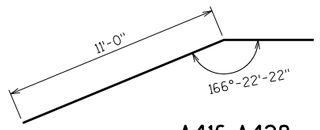


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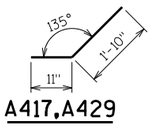


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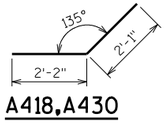
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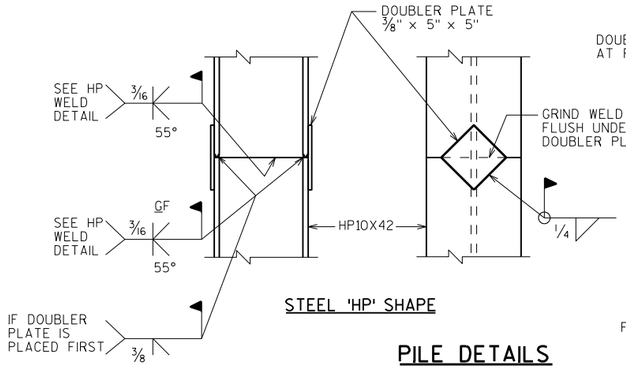
A416,A428



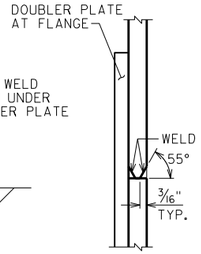
A417,A429



A418,A430



STEEL 'HP' SHAPE



HP WELD DETAIL
FLANGE SHOWN, WEB SIMILAR

BAR SERIES TABLE

MARK	NO. REQD.	LENGTH
A501	2 SERIES OF 43	10'-9" TO 11'-6"
A407	2 SERIES OF 15	13'-1" TO 15'-8"
A419	2 SERIES OF 15	12'-3" TO 14'-10"

BUNDLE AND TAG EACH SERIES SEPARATELY.

BILL OF BARS

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

	BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
⚠	A501		86	11'-2"	X	X	BODY-VERT.
	A502		43	9'-3"	X		BODY-VERT.
	A503		9	47'-0"			BODY-HORIZ.-F.F.
	A804		9	54'-3"	X		BODY-HORIZ.-B.F.
	A405		30	2'-9"	X		BODY-VERT.-TIE BARS
	A506	X	41	2'-0"			BODY-TOP-DOWEL BARS
⚠	A407	X	30	14'-5"	X	X	WING 1-VERT.
	A408	X	6	15'-8"	X		WING 1-VERT.
	A509	X	6	16'-2"	X		WING 1/BODY-VERT.
	A810	X	9	16'-3"	X		WING 1-HORIZ.-B.F.
	A511	X	9	14'-8"	X		WING 1-HORIZ.-F.F.
	A412	X	2	12'-3"			WING 1-HORIZ.-F.F. & B.F.
	A413	X	2	9'-10"			WING 1-HORIZ.-F.F. & B.F.
	A414	X	2	7'-6"			WING 1-HORIZ.-F.F. & B.F.
	A415	X	2	5'-2"			WING 1-HORIZ.-F.F. & B.F.
	A416	X	2	13'-5"	X		WING 1-HORIZ.-TOP-F.F. & B.F.
	A417	X	5	2'-9"	X		WING 1-HORIZ.-B.F.
	A418	X	5	4'-3"	X		WING 1-HORIZ.-F.F.
⚠	A419	X	30	13'-6"	X	X	WING 2-VERT.
	A420	X	6	14'-10"	X		WING 2-VERT.
	A521	X	6	15'-3"	X		WING 2/BODY-VERT.
	A822	X	9	16'-3"	X		WING 2-HORIZ.-B.F.
	A523	X	9	14'-8"	X		WING 2-HORIZ.-F.F.
	A424	X	2	12'-3"			WING 2-HORIZ.-F.F. & B.F.
	A425	X	2	9'-10"			WING 2-HORIZ.-F.F. & B.F.
	A426	X	2	7'-6"			WING 2-HORIZ.-F.F. & B.F.
	A427	X	2	5'-2"			WING 2-HORIZ.-F.F. & B.F.
	A428	X	2	13'-5"	X		WING 2-HORIZ.-TOP-F.F. & B.F.
	A429	X	5	2'-9"	X		WING 2-HORIZ.-B.F.
	A430	X	5	4'-3"	X		WING 2-HORIZ.-F.F.

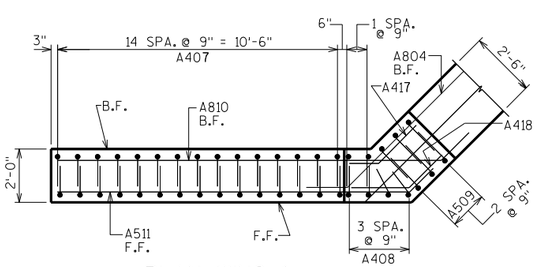
⚠ LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

(A01) CONSTRUCTION JOINT: KEYWAY FORMED BY A BEVELED 2 x 6.

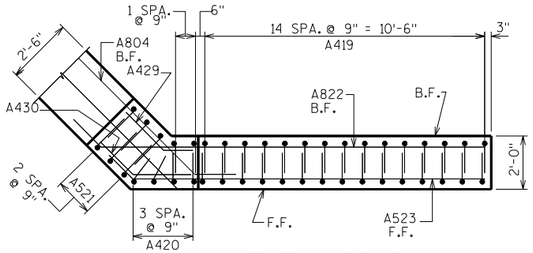
(A06) SUPPORT ABUTMENT ON HP 10 X 42 STEEL PILING, ESTIMATED 30'-0" LONG WITH A REQUIRED DRIVING RESISTANCE OF 160 TONS PER PILE. PILE POINTS ARE REQ'D.

(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

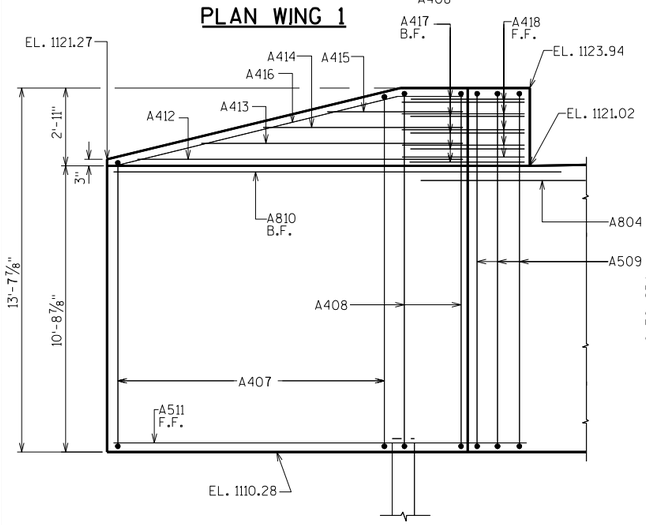
PILE DETAILS



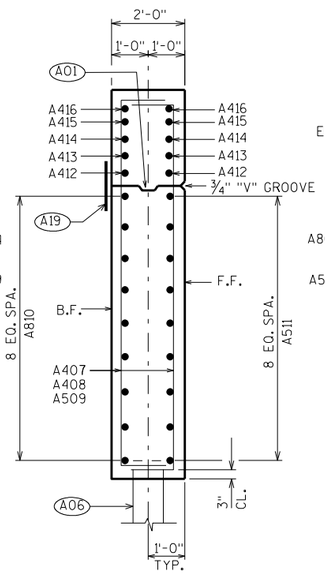
PLAN WING 1



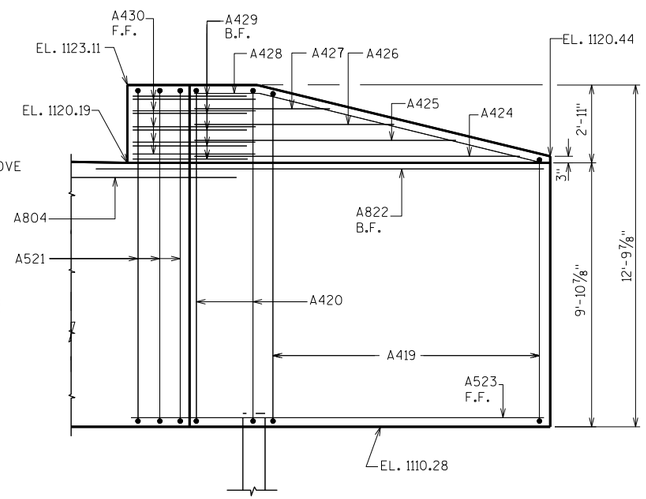
PLAN WING 2



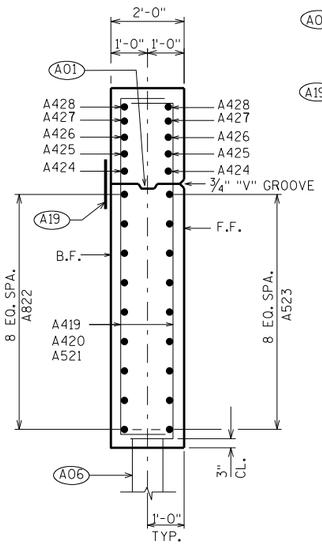
ELEVATION WING 1



SECTION THRU WING 1



ELEVATION WING 2



SECTION THRU WING 2

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-59-316

DRAWN BY CRJ | PLANS CK'D. BLB

WEST ABUTMENT DETAILS

SHEET 5

264

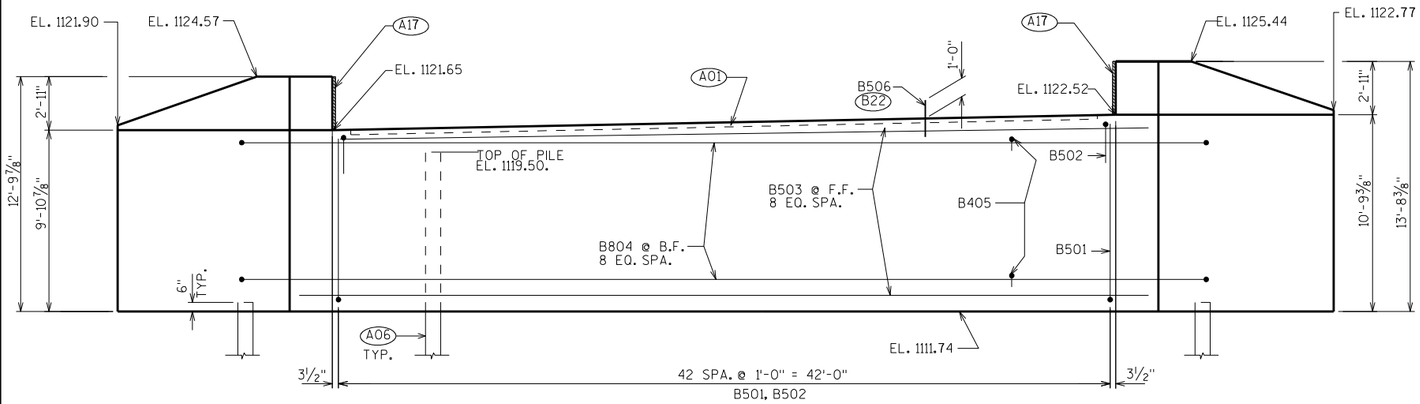
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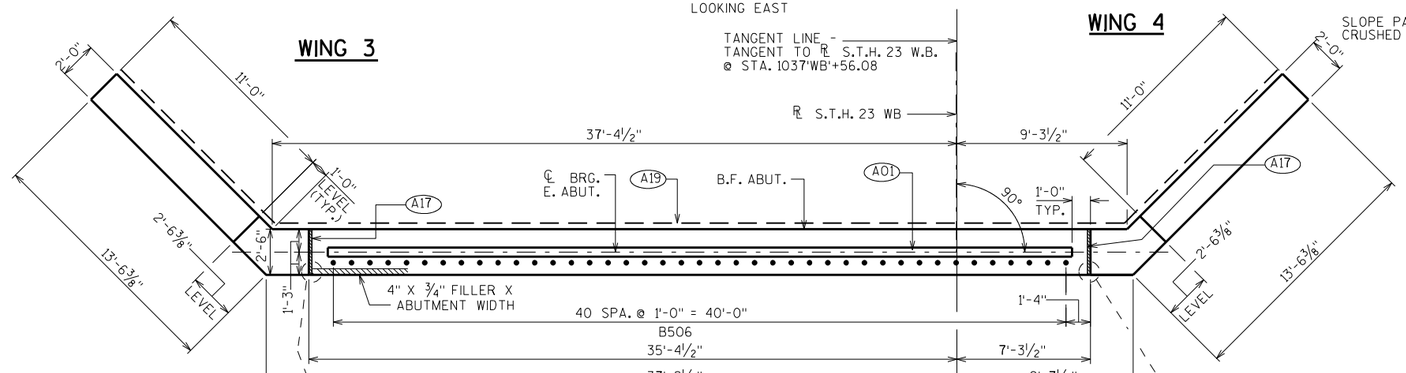
STATE PROJECT NUMBER

1440-13-74

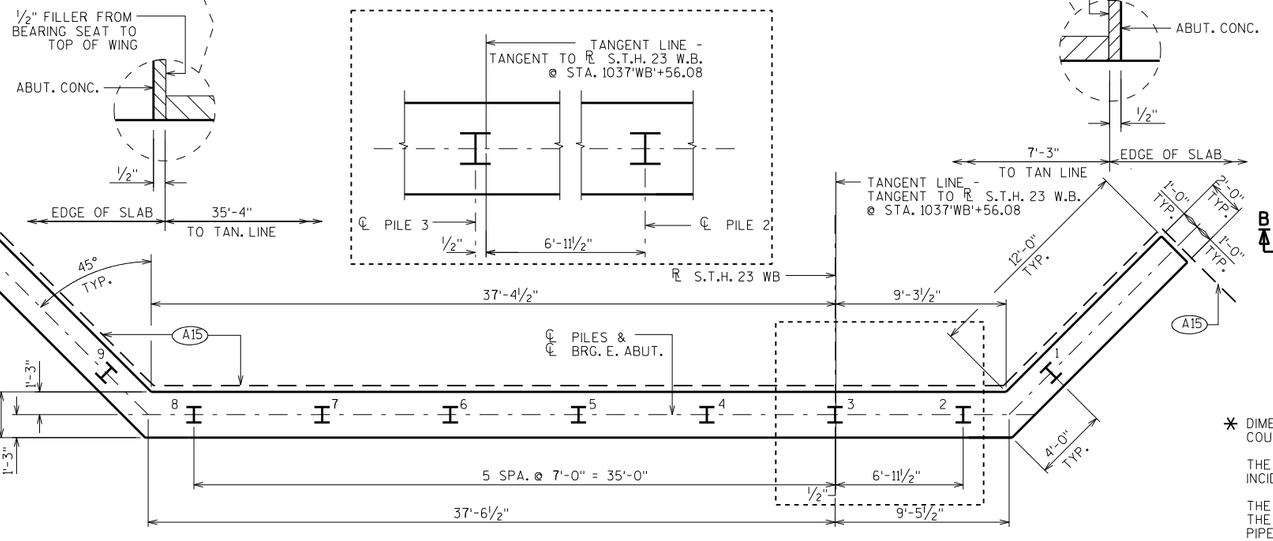


ELEVATION

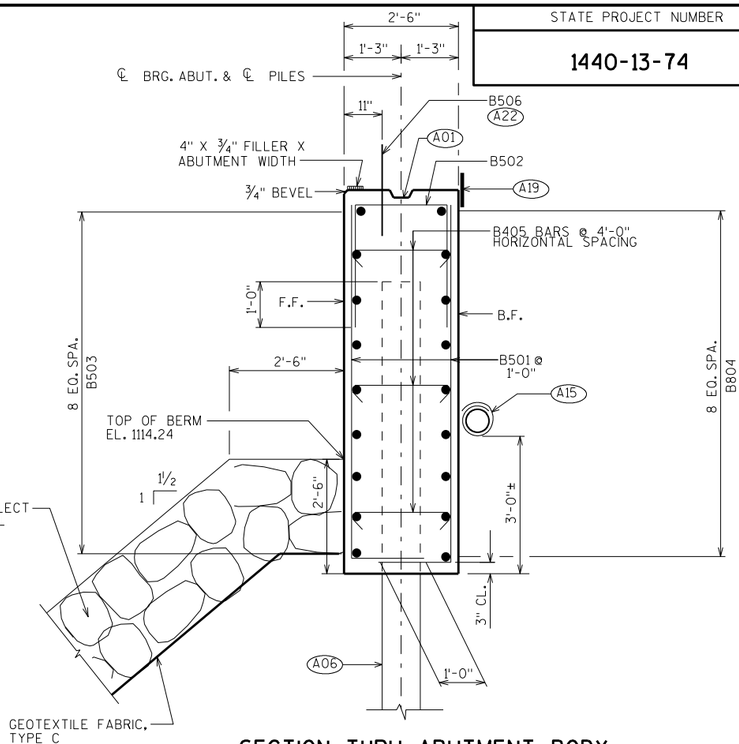
LOOKING EAST



PLAN



PILE PLAN



SECTION THRU ABUTMENT BODY

(A01) CONSTRUCTION JOINT: KEYWAY FORMED BY A BEVELED 2" x 6".

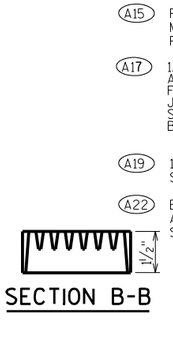
(A06) SUPPORT ABUTMENT ON HP 10 x 42 STEEL PILING, ESTIMATED 30'-0" LONG WITH A REQUIRED DRIVING RESISTANCE OF 160 TONS PER PILE. PILE POINTS ARE REQ'D.

(A15) PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SCREEN REQUIRED.

(A17) 1/2" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

(A22) B506 BARS SPACED @ 1'-0" CTRS.. MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE. (EMBED 1'-0" INTO CONC.)



SECTION B-B

RODENT SCREEN DETAIL

* DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SCREEN, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SCREEN 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 SCREEN TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SCREEN SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH SHEET METAL SCREWS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-59-316

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EAST ABUTMENT

SHEET 6

265

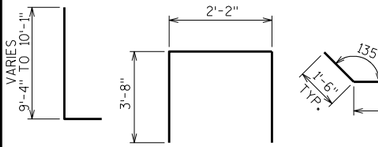
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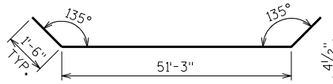
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STATE PROJECT NUMBER

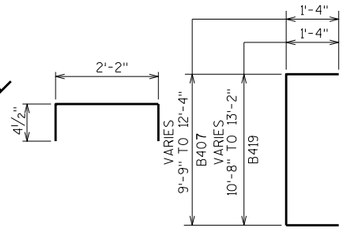
1440-13-74



B501 B502

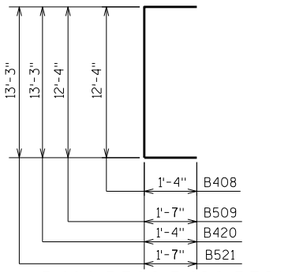


B804

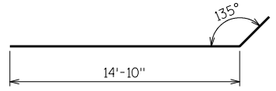


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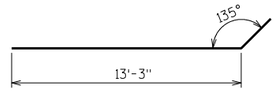
B407,B419



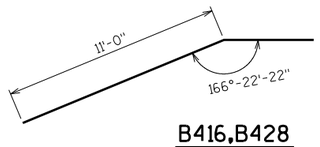
B408,B509,B420,B521



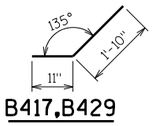
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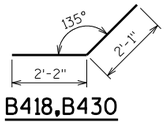
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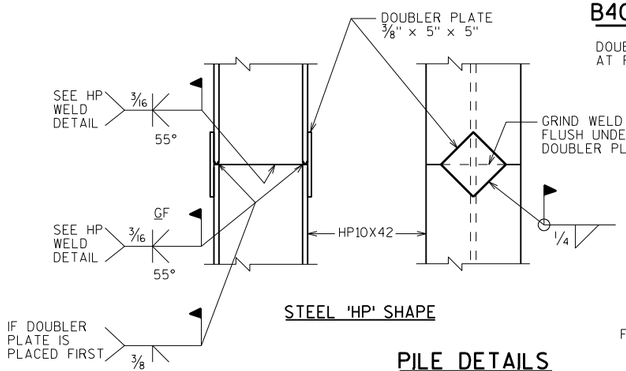
B416,B428



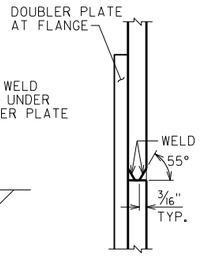
B417,B429



B418,B430



STEEL 'HP' SHAPE



HP WELD DETAIL
FLANGE SHOWN, WEB SIMILAR

PILE DETAILS

BAR SERIES TABLE

MARK	NO. REQD.	LENGTH
B501	2 SERIES OF 43	10'-9" TO 11'-6"
B407	2 SERIES OF 15	12'-3" TO 14'-10"
B419	2 SERIES OF 15	13'-2" TO 15'-8"

BUNDLE AND TAG EACH SERIES SEPARATELY.

BILL OF BARS

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

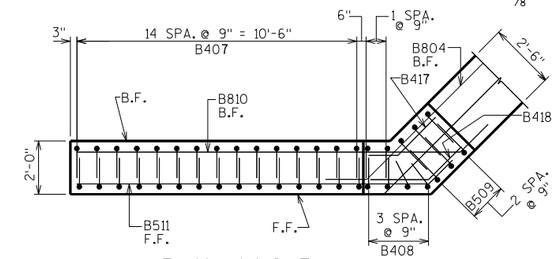
	BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
⚠	B501		86	11'-2"	X	X	BODY-VERT.
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	B503		9	47'-0"			BODY-HORIZ.-F.F.
	B804		9	54'-3"	X		BODY-HORIZ.-B.F.
	B405		30	2'-9"	X		BODY-VERT.-TIE BARS
	B506	X	41	2'-0"			BODY-TOP-DOWEL BARS
⚠	B407	X	30	13'-7"	X	X	WING 3-VERT.
	B408	X	6	14'-10"	X		WING 3-VERT.
	B509	X	6	15'-3"	X		WING 3/BODY-VERT.
	B810	X	9	16'-3"	X		WING 3-HORIZ.-B.F.
	B511	X	9	14'-8"	X		WING 3-HORIZ.-F.F.
	B412	X	2	12'-3"			WING 3-HORIZ.-F.F. & B.F.
	B413	X	2	9'-10"			WING 3-HORIZ.-F.F. & B.F.
	B414	X	2	7'-6"			WING 3-HORIZ.-F.F. & B.F.
	B415	X	2	5'-2"			WING 3-HORIZ.-F.F. & B.F.
	B416	X	2	13'-5"	X		WING 3-HORIZ.-TOP-F.F. & B.F.
	B417	X	5	2'-9"	X		WING 3-HORIZ.-B.F.
	B418	X	5	4'-3"	X		WING 3-HORIZ.-F.F.
⚠	B419	X	30	14'-5"	X	X	WING 4-VERT.
	B420	X	6	15'-9"	X		WING 4-VERT.
	B521	X	6	16'-2"	X		WING 4/BODY-VERT.
	B822	X	9	16'-3"	X		WING 4-HORIZ.-B.F.
	B523	X	9	14'-8"	X		WING 4-HORIZ.-F.F.
	B424	X	2	12'-3"			WING 4-HORIZ.-F.F. & B.F.
	B425	X	2	9'-10"			WING 4-HORIZ.-F.F. & B.F.
	B426	X	2	7'-6"			WING 4-HORIZ.-F.F. & B.F.
	B427	X	2	5'-2"			WING 4-HORIZ.-F.F. & B.F.
	B428	X	2	13'-5"	X		WING 4-HORIZ.-TOP-F.F. & B.F.
	B429	X	5	2'-9"	X		WING 5-HORIZ.-B.F.
	B430	X	5	4'-3"	X		WING 5-HORIZ.-F.F.

⚠ LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

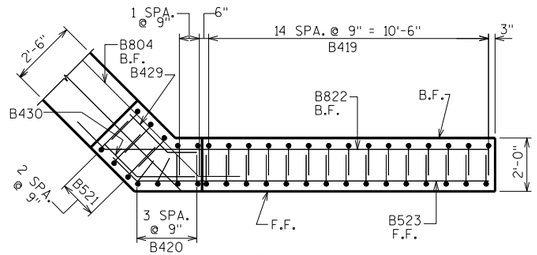
(A01) CONSTRUCTION JOINT: KEYWAY FORMED BY A BEVELED 2 x 6.

(A06) SUPPORT ABUTMENT ON HP 10 x 42 STEEL PILING, ESTIMATED 30'-0" LONG WITH A REQUIRED DRIVING RESISTANCE OF 160 TONS PER PILE. PILE POINTS ARE REQ'D.

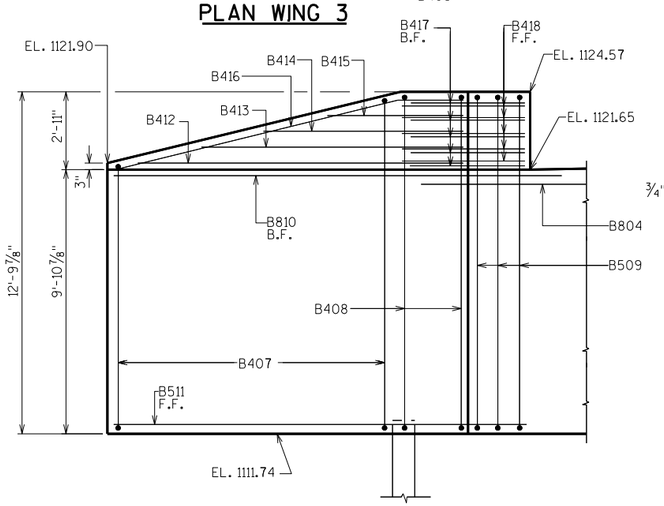
(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.



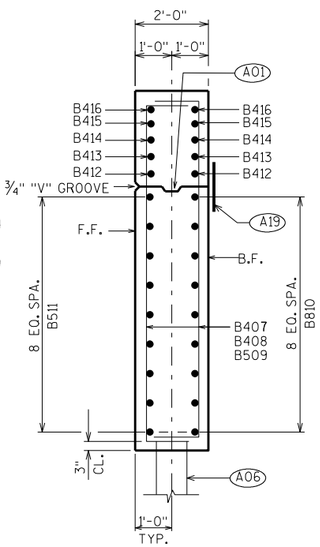
PLAN WING 3



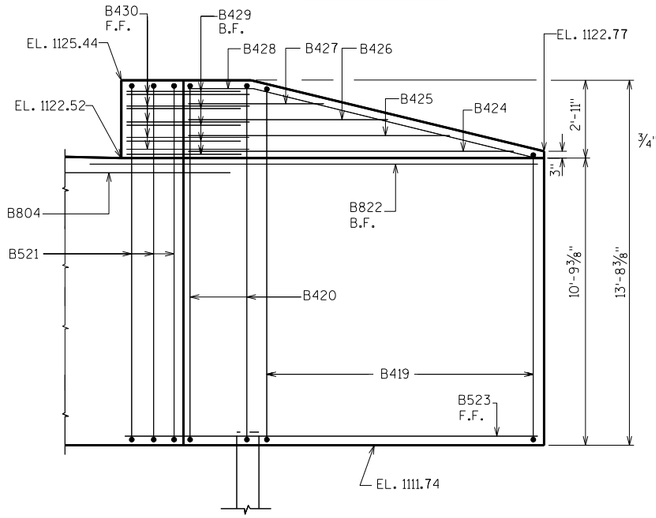
PLAN WING 4



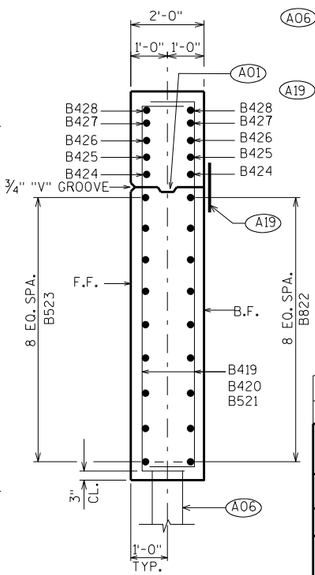
ELEVATION WING 3



SECTION THRU WING 3



ELEVATION WING 4



SECTION THRU WING 4

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-59-316

DRAWN BY CRJ | PLANS CK'D. BLB

EAST ABUTMENT DETAILS

SHEET 7

266

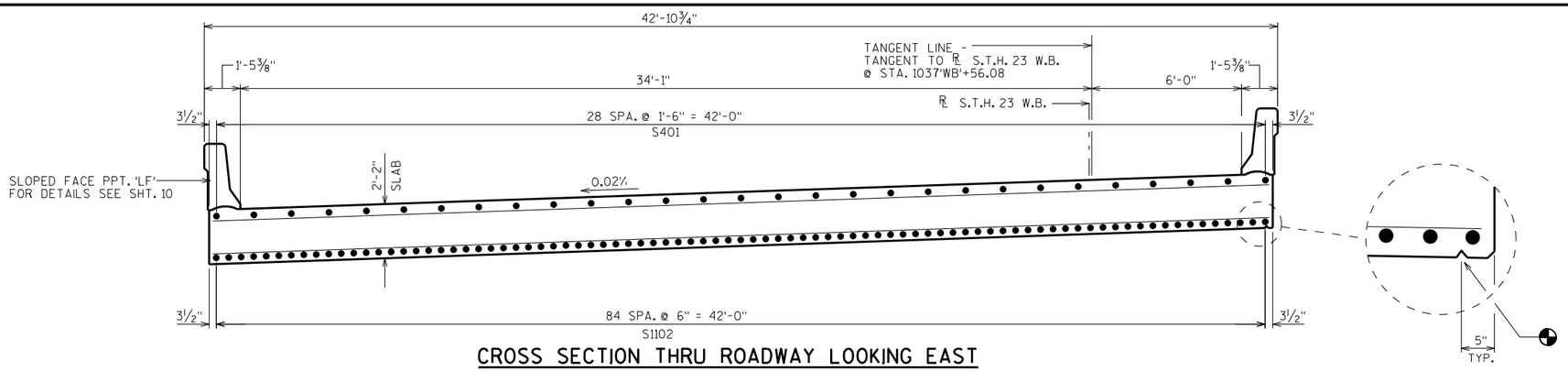
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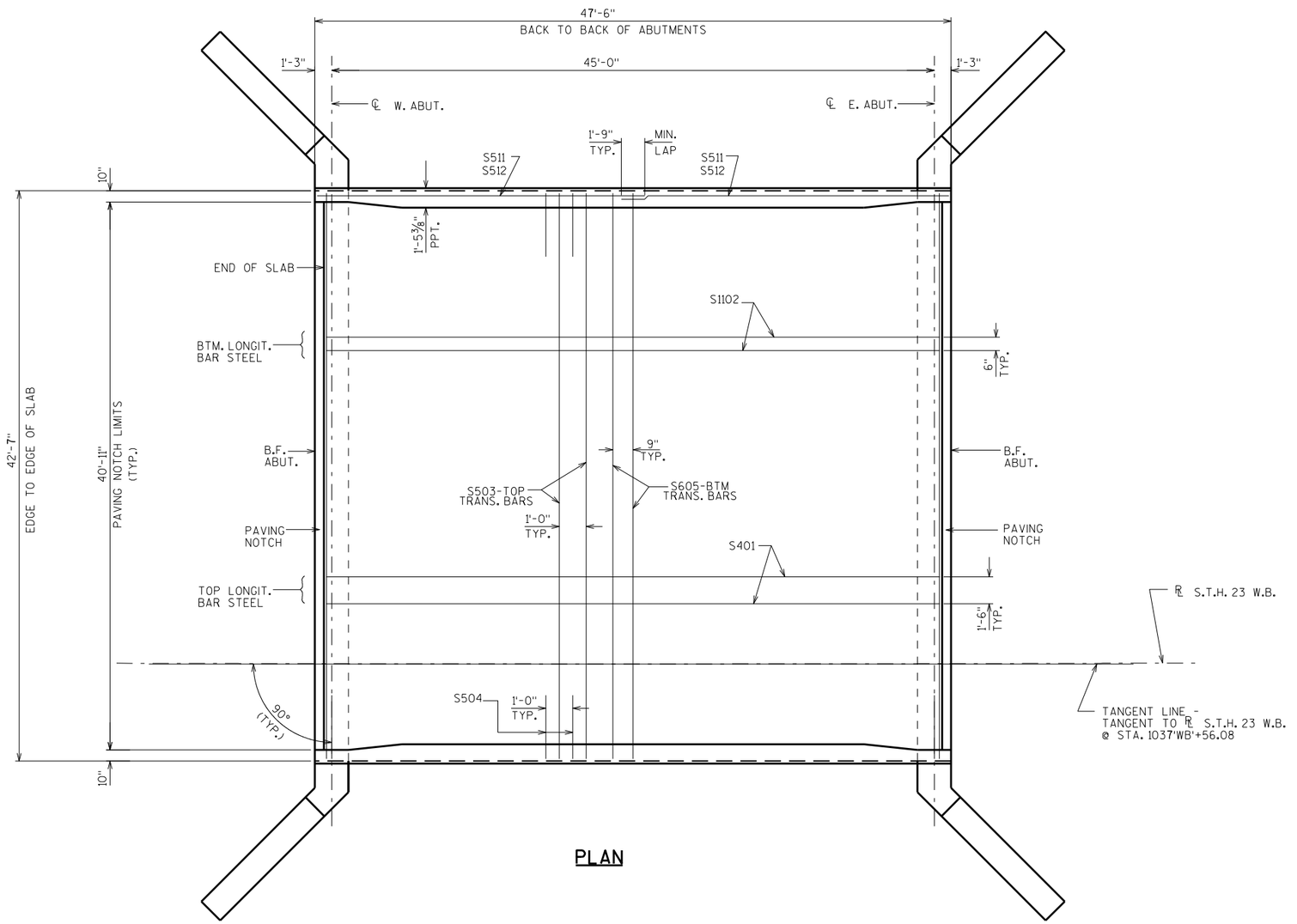
8

STATE PROJECT NUMBER

1440-13-74



CROSS SECTION THRU ROADWAY LOOKING EAST



PLAN

¾" V-GROOVE. EXTEND V-GROOVE TO THE FILLET ADJACENT TO THE ABUTMENTS.

V-GROOVES ARE REQUIRED

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-59-316

DRAWN BY CRJ | PLANS CK'D. BLB

SUPERSTRUCTURE

SHEET 8

267

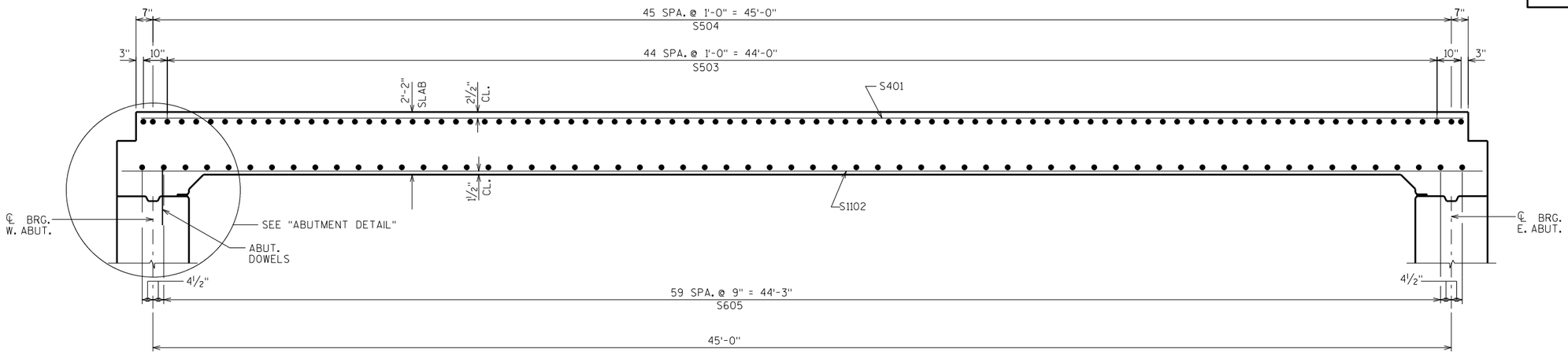
8

8

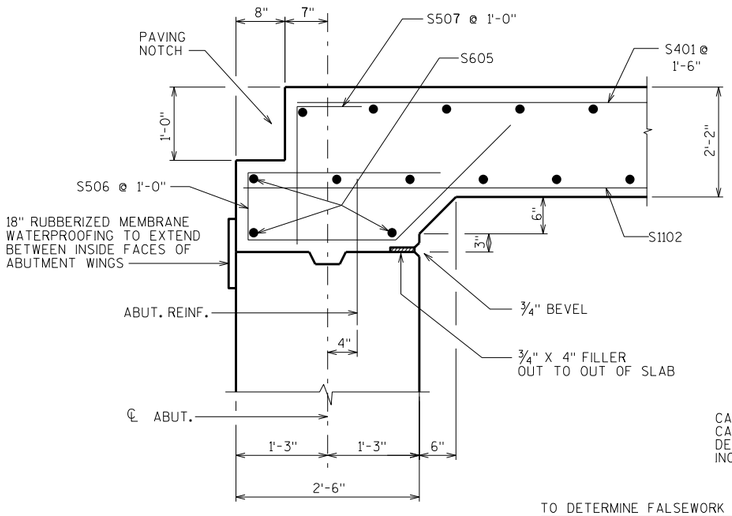
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STATE PROJECT NUMBER

1440-13-74

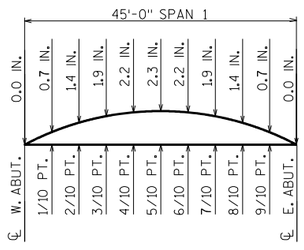


LONGITUDINAL SECTION THRU ROADWAY



ABUTMENT DETAIL

(W. ABUT. SHOWN, E. ABUT. SIMILAR)



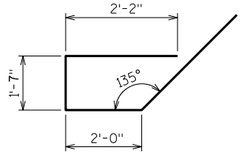
CAMBER DIAGRAM

CAMBER IS BASED ON 3 TIMES DEAD LOAD DEFLECTIONS. CAMBER SPANS AS SHOWN TO PROVIDE FOR DEADLOAD DEFLECTION & FUTURE CREEP. CAMBER DOES NOT INCLUDE ALLOWANCE FOR FORM SETTLEMENT.

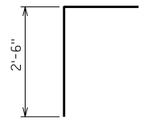
TO DETERMINE FALSEWORK ELEVATION AT EDGE OF SLAB OR TANGENT LINE FOLLOW THIS PROCEDURE:

TOP OF SLAB ELEVATION AT FINAL GRADE
MINUS (-) SLAB THICKNESS
PLUS (+) CAMBER
PLUS (+) FORM SETTLEMENT/DEFLECTION DUE TO PLACEMENT OF SLAB CONCRETE (TO BE COMPUTED BY THE CONTRACTOR)
= TOP OF SLAB FALSEWORK ELEVATION.

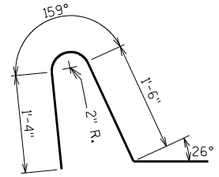
PRIOR TO RELEASING SLAB FALSEWORK, TAKE TOP OF SLAB ELEVATIONS AT THE ℄ OF ABUTMENTS, AND AT 5/10 PTS. TO VERIFY CAMBER.



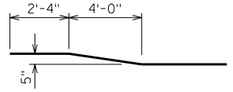
S506



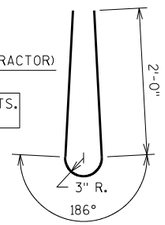
S507



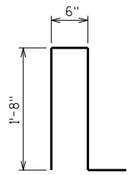
S509



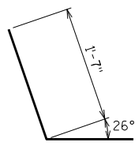
S512



S510



S513



S514

BILL OF BARS

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

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
S401	X	29	45'-10"			SLAB-LONGIT. TOP
S1102	X	85	47'-2"			SLAB-LONGIT. BTM.
S503	X	47	42'-3"			SLAB.-TRANS. TOP
S504	X	92	4'-9"			SLAB.-TRANS. TOP
S605	X	68	42'-3"			SLAB.-TRANS. BTM.
S506	X	86	7'-6"	X		SLAB-VERT. @ ABUTS.
S507	X	86	3'-11"	X		SLAB-VERT. @ ABUTS.
S408	X	NOT	USED			
S509	X	102	4'-2"	X		SLAB-VERT.-PPT. 'LF'
S510	X	158	4'-10"	X		SLAB-VERT.-PPT. 'LF'
S511	X	16	24'-6"			SLAB-HORIZ.-PPT. 'LF'
S512	X	4	24'-6"	X		SLAB-HORIZ.-PPT. 'LF'
S513	X	56	4'-5"	X		SLAB-VERT.-PPT. 'LF'
S514	X	32	2'-4"	X		SLAB-VERT.-PPT. 'LF'

NOTES

TOP TRANSVERSE BARS IN SLAB SHALL BE SUPPORTED BY INDIVIDUAL BAR CHAIRS AT APPROXIMATELY 3'-0" CENTERS EACH WAY. BOTTOM LONGITUDINAL BARS TO BE SUPPORTED BY CONTINUOUS BAR CHAIRS AT APPROXIMATELY 4'-0" CENTERS.

SLAB THICKNESS DIMENSIONS ARE MINIMUM. ANY TOLERANCES NECESSARY TO CORRECT CONSTRUCTION DISCREPANCIES ARE TO BE PLUS (+).

PARAPETS PLACED ON TOP OF THE SLAB SHALL BE POURED AFTER FALSEWORK HAS BEEN RELEASED.

TOP OF SLAB ELEVATIONS

	℄ BRG. W. ABUT	1/10 PT.	2/10 PT.	3/10 PT.	4/10 PT.	5/10 PT.	6/10 PT.	7/10 PT.	8/10 PT.	9/10 PT.	℄ BRG. E. ABUT
L/N. E.O.S.	1123.11	1123.26	1123.41	1123.56	1123.71	1123.85	1124.00	1124.14	1124.28	1124.43	1124.57
TAN. LINE	1123.80	1123.95	1124.11	1124.26	1124.41	1124.56	1124.71	1124.85	1125.00	1125.15	1125.29
R/S. E.O.S.	1123.94	1124.09	1124.25	1124.40	1124.55	1124.70	1124.85	1125.00	1125.15	1125.29	1125.44

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-59-316

DRAWN BY CRJ | PLANS CK'D. BLB

SUPERSTRUCTURE DETAILS

SHEET 9

268

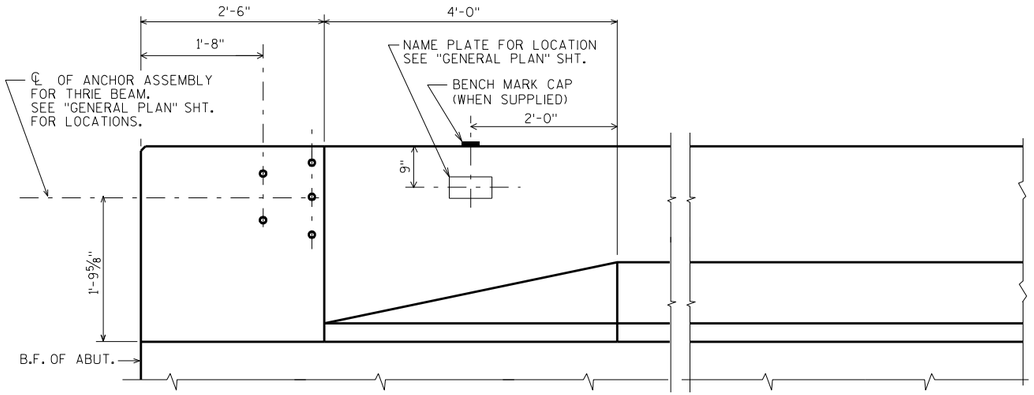
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8

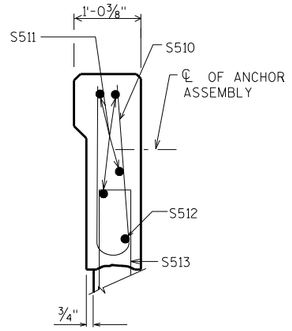
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STATE PROJECT NUMBER

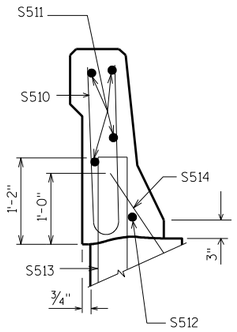
1440-13-74



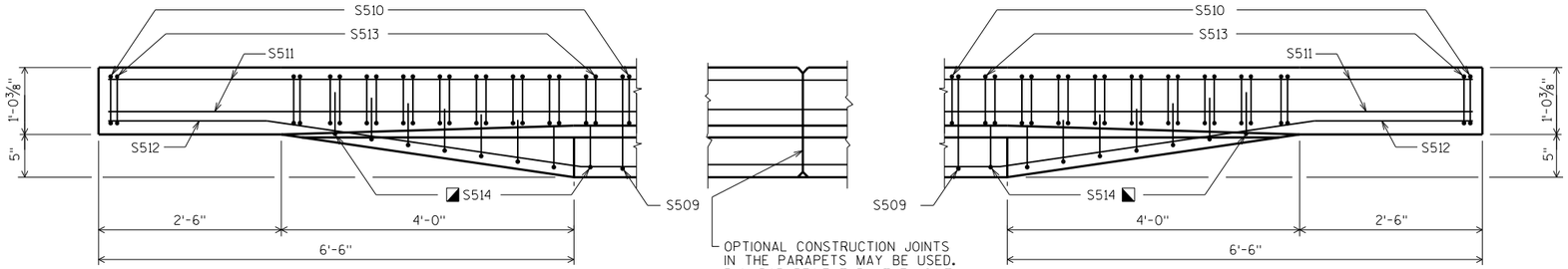
INSIDE ELEVATION



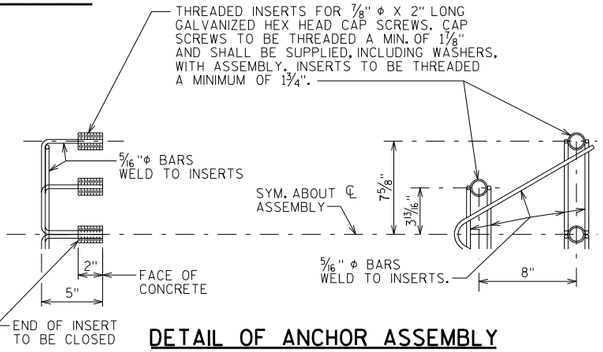
SECTION A-A



SECTION B-B



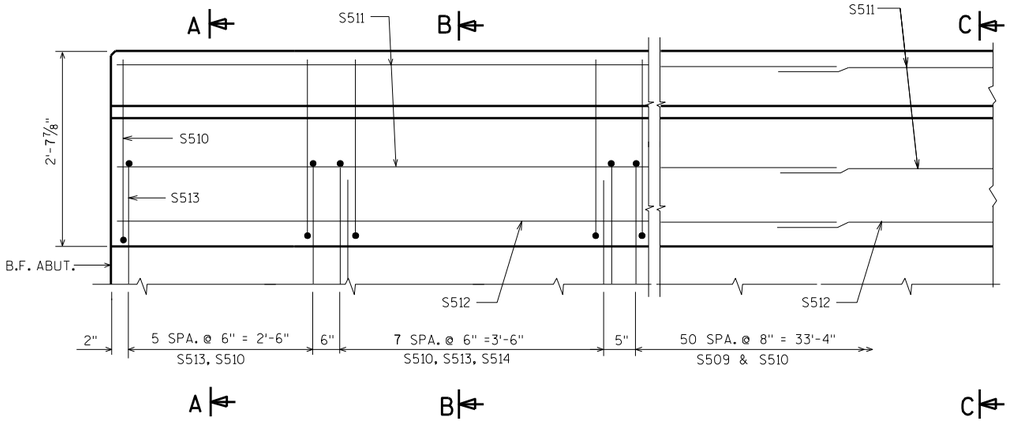
PLAN



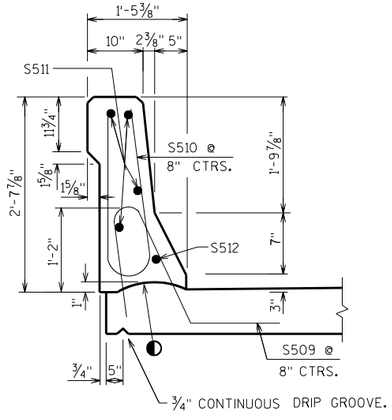
DETAIL OF ANCHOR ASSEMBLY

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.



OUTSIDE ELEVATION



SECTION C-C

◐ CONST. JOINT - STRIKE OFF AS SHOWN.

◪ USE CARE TO PLACE S514 BARS CORRECTLY ALONG TRANSITION OF PARAPET.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-59-316

DRAWN BY CRJ | PLANS CK'D. BLB

SLOPED FACE PARAPET LF

SHEET 10

269

8

8

12

SCALE = 1

STATION	Real Station	Distance	AREA (SF) Cut	Fill	Marsh Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut	Fill	Marsh Exc	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Marsh Backfill	Reduced Marsh in Fill	Reduced EBS In Fill	Mass Ordinate
											1.00	1.33	1.50	0.50	0.95	
							Note 1	Note 3			Note 1		Note 4	Note 6	Note 7	Note 8
745+60.12(1)	74560.12	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0.00	0.00	0.00
746+00(1)	74600.00	39.88	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0.00	0.00	0.00
747+00(1)	74700.00	100.00	62.23	0.00	0.00	0.00	115	0	0	0	115	0	0	0.00	0.00	115.25
748+00(1)	74800.00	100.00	110.61	0.00	0.00	0.00	320	0	0	0	435	0	0	0.00	0.00	435.32
749+00(1)	74900.00	100.00	99.46	0.00	0.00	0.00	389	0	0	0	824	0	0	0.00	0.00	824.32
750+00(1)	75000.00	100.00	50.40	2.17	0.00	3.36	278	4	0	6	1,102	5	0	0.00	5.91	1,104.34
751+00(1)	75100.00	100.00	24.90	23.00	0.00	5.84	139	47	0	17	1,241	67	0	0.00	22.10	1,203.28
752+00(1)	75200.00	100.00	12.32	98.05	0.00	8.74	69	224	0	27	1,310	366	0	0.00	47.74	1,008.16
753+00(1)	75300.00	100.00	10.45	159.66	0.00	10.94	42	477	0	36	1,352	1,000	0	0.00	82.37	461.66
754+00(1)	75400.00	100.00	4.30	246.31	0.00	8.34	27	752	0	36	1,380	2,000	0	0.00	116.30	-465.79
755+00(1)	75500.00	100.00	9.39	329.02	0.00	9.12	25	1,065	0	32	1,405	3,417	0	0.00	147.02	-1,816.59
756+00(1)	75600.00	100.00	2.03	208.35	0.00	9.24	21	995	0	34	1,426	4,741	0	0.00	179.32	-3,075.98
757+00(1)	75700.00	100.00	31.61	0.00	0.00	58.51	62	386	0	125	1,489	5,254	0	0.00	298.51	-3,368.31
758+00(1)	75800.00	100.00	85.06	2.32	0.00	36.45	216	4	0	176	1,705	5,260	0	0.00	465.57	-2,935.80
759+00(1)	75900.00	100.00	332.62	6.73	0.00	39.56	773	17	0	141	2,478	5,282	0	0.00	599.29	-2,006.77
760+00(1)	76000.00	100.00	512.54	15.10	0.00	44.09	1,565	40	0	155	4,043	5,336	0	0.00	746.45	-299.71
761+00(1)	76100.00	100.00	721.89	20.86	0.00	51.05	2,286	67	0	176	6,329	5,424	0	0.00	913.82	2,120.28
762+00(1)	76200.00	100.00	831.87	25.30	0.00	56.81	2,877	85	0	200	9,206	5,538	0	0.00	1,103.56	5,136.27
763+00(1)	76300.00	100.00	704.00	35.05	0.00	112.61	2,844	112	0	314	12,051	5,687	0	0.00	1,401.60	8,228.21
764+00(1)	76400.00	100.00	634.79	34.77	0.00	118.99	2,479	129	0	429	14,530	5,859	0	0.00	1,809.04	11,077.37
765+00(1)	76500.00	100.00	681.52	35.71	0.00	120.80	2,438	131	0	444	16,967	6,032	0	0.00	2,230.89	13,902.45
766+00(1)	76600.00	100.00	533.89	40.20	0.00	125.31	2,251	141	0	456	19,218	6,219	0	0.00	2,663.85	16,542.07
767+00(1)	76700.00	100.00	140.17	0.00	0.00	152.31	1,248	74	0	514	20,466	6,318	0	0.00	3,152.24	18,340.89
768+00(1)	76800.00	100.00	228.54	41.18	0.00	144.82	683	76	0	550	21,149	6,420	0	0.00	3,674.97	19,617.47
769+00(1)	76900.00	100.00	78.38	54.11	0.00	68.36	568	176	0	395	21,718	6,654	0	0.00	4,050.01	20,449.93
770+00(1)	77000.00	100.00	85.83	52.99	0.00	62.82	304	198	0	243	22,022	6,918	0	0.00	4,280.78	20,797.15
771+00(1)	77100.00	100.00	95.15	23.38	0.00	64.85	335	141	0	236	22,357	7,106	0	0.00	4,505.38	21,242.91
772+00(1)	77200.00	100.00	107.52	102.86	0.00	26.58	375	234	0	169	22,732	7,417	0	0.00	4,666.23	21,521.24
773+00(1)	77300.00	100.00	183.46	117.23	0.00	20.61	539	408	0	87	23,271	7,959	0	0.00	4,749.26	21,628.45
774+00(2)	77384.26	84.26	176.22	38.20	0.00	66.97	561	243	0	137	23,832	8,282	0	0.00	4,879.08	22,039.76
775+00(2)	77484.26	100.00	118.39	20.78	0.00	66.97	546	109	0	248	24,378	8,427	0	0.00	5,114.71	22,753.44
776+00(2)	77584.26	100.00	10.98	84.04	0.00	4.22	240	194	0	132	24,617	8,685	0	0.00	5,239.95	22,901.40
777+00(2)	77684.26	100.00	1.47	269.52	0.00	0.00	23	655	0	8	24,640	9,556	0	0.00	5,247.38	22,063.51
778+00(2)	77784.26	100.00	1.20	298.99	0.00	0.00	5	1,053	0	0	24,645	10,956	0	0.00	5,247.38	20,668.23
779+00(2)	77884.26	100.00	10.24	320.78	0.00	0.00	21	1,148	0	0	24,667	12,483	0	0.00	5,247.38	19,162.93
779+09.53(2)	77893.78	9.53	1.55	331.74	0.00	0.00	2	115	0	0	24,669	12,636	0	0.00	5,247.38	19,011.89
779+37.32(2)	77921.58	27.79	0.00	369.38	0.00	0.00	1	361	0	0	24,669	13,116	0	0.00	5,247.38	18,532.74
779+44.83(2)	77929.09	7.51	0.00	315.18	0.00	0.00	0	95	0	0	24,669	13,242	0	0.00	5,247.38	18,406.07
779+82.4(2)	77966.66	37.57	0.00	319.66	0.00	0.00	0	442	0	0	24,669	13,830	0	0.00	5,247.38	17,818.67
780+00(2)	77984.26	17.60	0.00	332.98	0.00	0.00	0	213	0	0	24,669	14,113	0	0.00	5,247.38	17,535.78
780+07.9(2)	77992.16	7.90	0.00	322.52	0.00	0.00	0	96	0	0	24,669	14,240	0	0.00	5,247.38	17,408.26
780+45.47(2)	78029.72	37.57	36.70	289.81	0.00	0.00	26	426	0	0	24,695	14,807	0	0.00	5,247.38	16,867.19
781+00(2)	78084.26	54.53	27.23	97.03	0.00	0.00	65	391	0	0	24,760	15,326	0	0.00	5,247.38	16,412.19
782+00(2)	78184.26	100.00	5.48	347.79	0.00	0.00	61	824	0	0	24,820	16,422	0	0.00	5,247.38	15,377.20
783+00(2)	78284.26	100.00	5.41	471.49	0.00	0.00	20	1,517	0	0	24,840	18,440	0	0.00	5,247.38	13,379.51
				Subtotal			24,840	13,865	0	5,524						

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
4 - Expanded Marsh Backfill	Will be backfilled with Select Borrow, Item 208.1100
6 - Reduced Marsh in Fill	Reduced Marsh Excavation that can be used in Fill
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	Fill	Marsh Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut	Fill	Marsh Exc	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Marsh Backfill	Reduced Marsh in Fill	Reduced EBS In Fill	Mass Ordinate
											1.00	1.33	1.50	0.50	0.95	
							Note 1	Note 3			Note 1		Note 4	Note 6	Note 7	Note 8
784+00(2)	78384.26	100.00	11.00	358.12	0.00	0.00	30	1,536	0	0	24,871	20,483	0	0.00	5,247.38	11,366.62
785+00(2)	78484.26	100.00	18.13	201.42	0.00	0.00	54	1,036	0	0	24,925	21,861	0	0.00	5,247.38	10,042.46
786+00(2)	78584.26	100.00	95.98	18.79	0.00	29.31	211	408	0	54	25,136	22,404	0	0.00	5,298.95	9,780.00
786+42.66(2)	78626.92	42.66	80.03	13.74	0.00	30.43	139	26	0	47	25,275	22,438	0	0.00	5,343.79	9,944.50
786+93.46(2)	78677.71	50.80	13.16	22.79	0.00	10.68	88	34	0	39	25,363	22,483	0	0.00	5,380.53	10,035.32
787+00(2)	78684.26	6.54	21.76	34.56	0.00	5.69	4	7	0	2	25,367	22,493	0	0.00	5,382.41	10,032.82
788+00(2)	78784.26	100.00	0.00	44.79	0.00	12.28	40	147	0	33	25,407	22,688	0	0.00	5,414.03	9,919.71
789+00(2)	78884.26	100.00	3.17	276.75	0.00	0.00	6	595	0	23	25,413	23,480	0	0.00	5,435.63	9,162.35
790+00(2)	78984.26	100.00	5.39	307.16	0.00	0.00	16	1,081	0	0	25,429	24,918	0	0.00	5,435.63	7,740.04
791+00(2)	79084.26	100.00	3.56	307.98	0.00	0.00	17	1,139	0	0	25,445	26,433	0	0.00	5,435.63	6,241.54
792+00(2)	79184.26	100.00	7.43	259.80	0.00	0.00	20	1,051	0	0	25,466	27,832	0	0.00	5,435.63	4,863.46
793+00(2)	79284.26	100.00	3.46	310.92	0.00	0.00	20	1,057	0	0	25,486	29,237	0	0.00	5,435.63	3,477.95
794+00(2)	79384.26	100.00	30.54	159.64	0.00	0.00	63	871	0	0	25,549	30,396	0	0.00	5,435.63	2,381.93
795+00(2)	79484.26	100.00	70.30	79.75	0.00	16.61	187	443	0	31	25,736	30,986	0	0.00	5,464.85	2,017.92
796+00(2)	79584.26	100.00	82.07	94.67	0.00	0.00	282	323	0	31	26,018	31,416	0	0.00	5,494.07	1,909.36
797+00(2)	79684.26	100.00	33.78	207.25	0.00	0.00	215	559	0	0	26,232	32,159	0	0.00	5,494.07	1,380.28
798+00(2)	79784.26	100.00	13.38	239.56	0.00	0.00	87	827	0	0	26,320	33,260	0	0.00	5,494.07	367.12
799+00(2)	79884.26	100.00	11.99	326.93	0.00	0.00	47	1,049	0	0	26,367	34,655	0	0.00	5,494.07	-981.16
800+00(2)	79984.26	100.00	5.84	375.41	0.00	0.00	33	1,301	0	0	26,400	36,385	0	0.00	5,494.07	-2,677.98
801+00(2)	80084.26	100.00	14.78	334.59	0.00	0.00	38	1,315	0	0	26,438	38,134	0	0.00	5,494.07	-4,388.49
802+00(2)	80184.26	100.00	49.79	261.85	0.00	0.00	120	1,105	0	0	26,558	39,603	0	0.00	5,494.07	-5,737.92
803+00(2)	80284.26	100.00	63.52	236.17	0.00	0.00	210	922	0	0	26,767	40,829	0	0.00	5,494.07	-6,754.71
803+66.26(2)	80350.51	66.26	58.92	250.75	0.00	0.00	150	597	0	0	26,918	41,624	0	0.00	5,494.07	-7,399.05
804+00(2)	80384.26	33.74	51.55	287.91	0.00	10.33	69	337	0	6	26,987	42,071	0	0.00	5,500.21	-7,769.54
804+73.55(2)	80457.81	73.55	35.86	305.18	0.00	0.00	119	808	0	14	27,106	43,146	0	0.00	5,513.58	-8,707.05
805+00(2)	80484.26	26.45	37.83	273.24	0.00	0.00	36	283	0	0	27,142	43,523	0	0.00	5,513.58	-9,047.79
806+00(2)	80584.26	100.00	29.73	340.80	0.00	0.00	125	1,137	0	0	27,267	45,035	0	0.00	5,513.58	-10,435.04
807+00(2)	80684.26	100.00	30.22	348.17	0.00	0.00	111	1,276	0	0	27,378	46,732	0	0.00	5,513.58	-12,020.94
808+00(2)	80784.26	100.00	38.93	370.95	0.00	0.00	128	1,332	0	0	27,506	48,503	0	0.00	5,513.58	-13,664.06
809+00(2)	80884.26	100.00	11.13	530.88	0.00	0.00	93	1,670	0	0	27,599	50,724	0	0.00	5,513.58	-15,792.55
809+31.29(2)	80915.55	31.29	5.31	610.62	227.44	0.00	10	661	132	0	27,608	51,604	198	65.89	5,513.58	-16,575.08
809+82.15(2)	80966.41	50.86	3.09	689.15	232.69	0.00	8	1,224	433	0	27,616	53,232	848	282.58	5,513.58	-17,907.13
810+00(2)	80984.26	17.85	2.75	656.39	0.00	0.00	2	445	77	0	27,618	53,824	963	321.04	5,513.58	-18,445.65
811+00(2)	81084.26	100.00	6.76	430.30	0.00	0.00	18	2,012	0	0	27,636	56,500	963	321.04	5,513.58	-21,104.51
812+00(2)	81184.26	100.00	97.15	70.86	0.00	30.58	192	928	0	57	27,828	57,735	963	321.04	5,567.37	-22,074.85
813+00(2)	81284.26	100.00	4.70	123.44	0.00	0.00	189	360	0	57	28,017	58,213	963	321.04	5,621.16	-22,293.24
814+00(2)	81384.26	100.00	78.01	35.44	0.00	62.64	153	294	0	116	28,170	58,604	963	321.04	5,731.35	-22,384.83
815+00(2)	81484.26	100.00	109.91	0.00	0.00	67.08	348	66	0	240	28,518	58,692	963	321.04	5,959.55	-21,820.61
816+00(2)	81584.26	100.00	43.26	44.96	0.00	14.19	284	83	0	151	28,801	58,802	963	321.04	6,102.53	-21,457.54
817+00(2)	81684.26	100.00	0.00	75.38	0.00	7.81	80	223	0	41	28,882	59,099	963	321.04	6,141.24	-21,622.32
818+00(2)	81784.26	100.00	24.22	260.73	0.00	0.00	45	622	0	14	28,926	59,927	963	321.04	6,154.98	-22,387.00
819+00(2)	81884.26	100.00	1.58	687.62	0.00	0.00	48	1,756	0	0	28,974	62,262	963	321.04	6,154.98	-24,674.97
820+00(2)	81984.26	100.00	531.22	1.76	0.00	52.44	987	1,277	0	97	29,961	63,960	963	321.04	6,247.23	-25,263.55
820+91.18(2)	82075.44	91.18	0.00	568.76	0.00	0.00	897	963	0	89	30,858	65,242	963	321.04	6,331.34	-25,535.96
821+00(2)	82084.26	8.82	0.00	598.67	0.00	0.00	0	191	0	0	30,858	65,495	963	321.04	6,331.34	-25,789.48
				Subtotal			6,018	35,380	642	1,141						

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
4 - Expanded Marsh Backfill	Will be backfilled with Select Borrow, Item 208.1100
6 - Reduced Marsh in Fill	Reduced Marsh Excavation that can be used in Fill
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	Fill	Marsh Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut	Fill	Marsh Exc	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Marsh Backfill	Reduced Marsh in Fill	Reduced EBS In Fill	Mass Ordinate
											1.00	1.33	1.50	0.50	0.95	
							Note 1	Note 3			Note 1		Note 4	Note 6	Note 7	Note 8
821+21.89(2)	82106.14	21.89	0.00	544.83	0.00	0.64	0	463	0	0	30,858	66,111	963	321.04	6,331.59	-26,406.13
821+35.28(2)	82119.54	13.39	0.00	492.95	0.00	0.81	0	257	0	0	30,858	66,454	963	321.04	6,331.93	-26,748.00
821+81.29(2)	82165.54	46.01	0.00	470.67	0.00	0.79	0	821	0	1	30,858	67,546	963	321.04	6,333.23	-27,838.20
821+93.43(2)	82177.69	12.14	0.00	510.66	0.00	0.63	0	221	0	0	30,858	67,839	963	321.04	6,333.53	-28,131.25
822+00(2)	82184.26	6.57	0.00	543.49	0.00	0.52	0	128	0	0	30,858	68,010	963	321.04	6,333.66	-28,301.69
822+23.6(2)	82207.86	23.60	0.00	536.47	0.00	0.00	0	472	0	0	30,858	68,637	963	321.04	6,333.88	-28,929.10
823+00(2)	82284.26	76.40	13.46	484.58	0.00	0.00	19	1,445	0	0	30,877	70,559	963	321.04	6,333.88	-30,831.41
824+00(2)	82384.26	100.00	32.60	397.23	0.00	0.00	85	1,633	0	0	30,962	72,731	963	321.04	6,333.88	-32,917.97
825+00(2)	82484.26	100.00	33.90	140.22	0.00	0.00	123	995	0	0	31,085	74,054	963	321.04	6,333.88	-34,118.54
826+00(2)	82584.26	100.00	4.73	368.44	0.00	0.00	72	942	0	0	31,157	75,307	963	321.04	6,333.88	-35,299.82
827+00(2)	82684.26	100.00	5.43	289.43	0.00	0.00	19	1,218	0	0	31,176	76,928	963	321.04	6,333.88	-36,901.31
828+00(2)	82784.26	100.00	28.06	169.76	0.00	0.00	62	850	0	0	31,238	78,058	963	321.04	6,333.88	-37,970.26
829+00(2)	82884.26	100.00	38.92	123.43	0.00	0.00	124	543	0	0	31,362	78,781	963	321.04	6,333.88	-38,568.34
830+00(2)	82984.26	100.00	50.85	90.98	0.00	0.00	166	397	0	0	31,528	79,309	963	321.04	6,333.88	-38,930.18
831+00(2)	83084.26	100.00	130.46	21.57	0.00	46.01	336	208	0	85	31,864	79,586	963	321.04	6,414.82	-38,763.98
832+00(2)	83184.26	100.00	58.13	69.50	0.00	5.62	349	169	0	96	32,213	79,810	963	321.04	6,505.64	-38,518.25
833+00(2)	83284.26	100.00	73.75	65.21	0.00	20.49	244	249	0	48	32,457	80,142	963	321.04	6,551.57	-38,544.74
834+00(2)	83384.26	100.00	91.12	51.93	0.00	35.72	305	217	0	104	32,763	80,430	963	321.04	6,650.46	-38,396.41
835+00(2)	83484.26	100.00	108.53	30.99	0.00	55.86	370	154	0	170	33,132	80,635	963	321.04	6,811.58	-38,016.60
836+00(2)	83584.26	100.00	159.61	20.37	0.00	65.74	497	95	0	225	33,629	80,761	963	321.04	7,025.50	-37,362.02
837+00(2)	83684.26	100.00	254.96	10.96	0.00	120.90	768	58	0	346	34,397	80,838	963	321.04	7,353.84	-36,234.79
838+00(2)	83784.26	100.00	295.64	7.16	0.00	120.90	1,020	34	0	448	35,416	80,883	963	321.04	7,779.23	-34,694.03
839+00(2)	83884.26	100.00	390.36	8.13	0.00	120.90	1,270	28	0	448	36,687	80,921	963	321.04	8,204.62	-32,895.56
840+00(2)	83984.26	100.00	453.72	0.00	0.00	144.51	1,563	15	0	492	38,250	80,941	963	321.04	8,671.55	-30,731.47
841+00(2)	84084.26	100.00	45.31	54.33	0.00	102.78	924	101	0	458	39,174	81,074	963	321.04	9,106.60	-29,362.55
842+00(2)	84184.26	100.00	7.96	314.42	0.00	0.00	99	683	0	190	39,272	81,983	963	321.04	9,287.41	-29,931.64
843+00(2)	84284.26	100.00	2.07	741.80	0.00	0.00	19	1,956	0	0	39,291	84,584	963	321.04	9,287.41	-32,514.48
844+00(2)	84384.26	100.00	7.25	956.64	0.00	0.00	17	3,145	0	0	39,308	88,767	963	321.04	9,287.41	-36,680.41
845+00(2)	84484.26	100.00	1.10	1101.05	6.17	0.00	15	3,811	11	0	39,324	93,835	980	326.75	9,287.41	-41,725.38
846+00(2)	84584.26	100.00	8.37	1074.01	277.19	0.00	18	4,028	525	0	39,341	99,192	1,767	589.12	9,287.41	-46,715.98
847+00(2)	84684.26	100.00	30.51	1020.68	205.68	0.00	72	3,879	894	0	39,413	104,352	3,109	1,036.22	9,287.41	-51,208.48
848+00(2)	84784.26	100.00	24.32	1082.41	276.30	0.00	102	3,895	893	0	39,515	109,531	4,447	1,482.50	9,287.41	-55,693.24
849+00(2)	84884.26	100.00	31.99	1029.66	866.61	0.00	104	3,911	2,116	0	39,619	114,733	7,622	2,540.75	9,287.41	-59,383.44
850+00(2)	84984.26	100.00	27.16	1007.29	830.41	0.00	110	3,772	3,143	0	39,729	119,750	12,336	4,112.06	9,287.41	-62,200.98
851+00(2)	85084.26	100.00	20.98	1065.69	537.32	0.00	89	3,839	2,533	0	39,818	124,856	16,135	5,378.48	9,287.41	-65,533.18
852+00(2)	85184.26	100.00	6.19	1172.55	316.15	0.00	50	4,145	1,580	0	39,868	130,369	18,506	6,168.72	9,287.41	-69,944.55
853+00(2)	85284.26	100.00	3.91	1255.67	276.86	0.00	19	4,497	1,098	0	39,887	136,349	20,153	6,717.80	9,287.41	-75,176.19
854+00(2)	85384.26	100.00	2.91	1279.81	303.64	0.00	13	4,695	1,075	0	39,899	142,594	21,766	7,255.30	9,287.41	-80,693.48
855+00(2)	85484.26	100.00	2.49	1374.57	233.98	0.00	10	4,916	996	0	39,909	149,132	23,259	7,753.10	9,287.41	-86,559.03
856+00(2)	85584.26	100.00	14.21	1379.61	163.74	0.00	31	5,100	737	0	39,940	155,915	24,364	8,121.37	9,287.41	-92,821.75
857+00(2)	85684.26	100.00	11.88	1369.34	0.00	0.00	48	5,091	303	0	39,989	162,686	24,819	8,272.98	9,287.41	-99,342.36
858+00(2)	85784.26	100.00	5.51	1353.90	0.00	0.00	32	5,043	0	0	40,021	169,393	24,819	8,272.98	9,287.41	-106,017.38
859+00(2)	85884.26	100.00	13.66	1251.41	0.00	0.00	36	4,825	0	0	40,056	175,810	24,819	8,272.98	9,287.41	-112,398.65
860+00(2)	85984.26	100.00	18.11	1197.25	0.00	0.00	59	4,535	0	0	40,115	181,841	24,819	8,272.98	9,287.41	-118,370.78
860+51.79(2)	86036.04	51.79	25.70	1278.30	0.00	0.00	42	2,374	0	0	40,157	184,998	24,819	8,272.98	9,287.41	-121,486.36
				Subtotal			9,299	89,852	15,904	3,112						

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
4 - Expanded Marsh Backfill	Will be backfilled with Select Borrow, Item 208.1100
6 - Reduced Marsh in Fill	Reduced Marsh Excavation that can be used in Fill
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	Fill	Marsh Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut	Fill	Marsh Exc	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Marsh Backfill	Reduced Marsh in Fill	Reduced EBS In Fill	Mass Ordinate
											1.00	1.33	1.50	0.50	0.95	
							Note 1	Note 3			Note 1		Note 4	Note 6	Note 7	Note 8
860+84.11(2)	86068.37	32.33	23.60	1149.51	0.00	0.00	30	1,453	0	0	40,187	186,931	24,819	8,272.98	9,287.41	-123,389.80
861+00(2)	86084.26	15.89	21.34	978.79	0.00	2.23	13	626	0	1	40,200	187,764	24,819	8,272.98	9,288.04	-124,208.51
861+59.47(2)	86143.72	59.47	29.19	1044.14	0.00	0.00	56	2,228	0	2	40,256	190,727	24,819	8,272.98	9,290.36	-127,112.56
862+00(2)	86184.26	40.53	45.68	1283.09	0.00	0.00	56	1,747	0	0	40,312	193,050	24,819	8,272.98	9,290.36	-129,379.77
863+00(2)	86284.26	100.00	21.84	1361.30	0.00	0.00	125	4,897	0	0	40,437	199,563	24,819	8,272.98	9,290.36	-135,767.77
864+00(2)	86384.26	100.00	13.91	1357.94	0.00	0.00	66	5,036	0	0	40,503	206,261	24,819	8,272.98	9,290.36	-142,398.95
865+00(2)	86484.26	100.00	9.07	1286.51	0.00	0.00	43	4,897	0	0	40,546	212,774	24,819	8,272.98	9,290.36	-148,869.57
866+00(2)	86584.26	100.00	13.13	1187.20	0.00	0.00	41	4,581	0	0	40,587	218,866	24,819	8,272.98	9,290.36	-154,921.11
867+00(2)	86684.26	100.00	33.92	523.76	0.00	0.00	87	3,168	0	0	40,674	223,080	24,819	8,272.98	9,290.36	-159,048.01
868+00(2)	86784.26	100.00	194.63	213.25	0.00	38.18	423	1,365	0	71	41,097	224,896	24,819	8,272.98	9,357.53	-160,350.65
869+00(2)	86884.26	100.00	636.38	108.80	0.00	115.95	1,539	596	0	285	42,636	225,689	24,819	8,272.98	9,628.69	-159,244.31
870+00(2)	86984.26	100.00	902.18	30.96	0.00	120.00	2,849	259	0	437	45,485	226,033	24,819	8,272.98	10,043.79	-156,187.27
871+00(2)	87084.26	100.00	1640.62	14.57	0.00	0.00	4,709	84	0	222	50,194	226,145	24,819	8,272.98	10,254.91	-151,309.74
872+00(2)	87184.26	100.00	1805.82	12.57	0.00	0.00	6,382	50	0	0	56,576	226,212	24,819	8,272.98	10,254.91	-144,994.30
873+00(2)	87284.26	100.00	1645.01	13.36	0.00	0.00	6,390	48	0	0	62,967	226,276	24,819	8,272.98	10,254.91	-138,667.76
874+00(2)	87384.26	100.00	1407.42	13.37	0.00	0.00	5,653	49	0	0	68,619	226,342	24,819	8,272.98	10,254.91	-133,080.94
875+00(2)	87484.26	100.00	1053.45	18.25	0.00	0.00	4,557	59	0	0	73,177	226,420	24,819	8,272.98	10,254.91	-128,601.63
876+00(2)	87584.26	100.00	701.63	16.89	0.00	0.00	3,250	65	0	0	76,427	226,506	24,819	8,272.98	10,254.91	-125,438.03
877+00(2)	87684.26	100.00	470.77	13.97	0.00	0.00	2,171	57	0	0	78,598	226,582	24,819	8,272.98	10,254.91	-123,342.93
878+00(2)	87784.26	100.00	299.18	7.90	0.00	120.90	1,426	40	0	224	80,024	226,636	24,819	8,272.98	10,467.60	-121,688.06
879+00(2)	87884.26	100.00	151.70	4.59	0.00	120.90	835	23	0	448	80,859	226,667	24,819	8,272.98	10,892.98	-120,318.07
880+00(2)	87984.26	100.00	161.88	0.57	0.00	120.90	581	10	0	448	81,439	226,680	24,819	8,272.98	11,318.36	-119,184.30
881+00(2)	88084.26	100.00	211.75	0.00	0.00	120.90	692	1	0	448	82,131	226,681	24,819	8,272.98	11,743.75	-117,928.03
882+00(2)	88184.26	100.00	370.12	0.21	0.00	120.90	1,078	0	0	448	83,209	226,681	24,819	8,272.98	12,169.14	-116,285.23
883+00(2)	88284.26	100.00	629.72	0.01	0.00	0.00	1,852	0	0	224	85,060	226,682	24,819	8,272.98	12,381.83	-114,151.33
884+00(2)	88384.26	100.00	660.37	0.00	0.00	0.00	2,389	0	0	0	87,449	226,682	24,819	8,272.98	12,381.83	-111,762.30
885+00(2)	88484.26	100.00	468.62	0.00	0.00	20.03	2,091	0	0	37	89,540	226,682	24,819	8,272.98	12,417.06	-109,624.72
886+00(2)	88584.26	100.00	153.53	0.49	0.00	120.90	1,152	1	0	261	90,692	226,683	24,819	8,272.98	12,664.99	-108,144.05
887+00(2)	88684.26	100.00	32.58	19.73	0.00	109.80	345	37	0	427	91,037	226,733	24,819	8,272.98	13,070.85	-107,309.40
887+69.89(2)	88754.14	69.89	48.05	21.55	0.00	158.82	104	53	0	348	91,141	226,804	24,819	8,272.98	13,401.10	-106,836.86
888+00(2)	88784.26	30.11	126.93	21.68	0.00	168.68	98	24	0	183	91,239	226,836	24,819	8,272.98	13,574.61	-106,540.59
888+39.94(2)	88824.20	39.94	139.18	0.01	0.00	273.62	197	16	0	327	91,436	226,857	24,819	8,272.98	13,885.41	-105,951.73
888+60.24(2)	88844.50	20.30	247.87	0.00	0.00	346.03	145	0	0	233	91,581	226,857	24,819	8,272.98	14,106.67	-105,511.98
889+00(2)	88884.26	39.76	258.65	0.00	0.00	288.58	373	0	0	467	91,954	226,857	24,819	8,272.98	14,550.58	-104,548.61
889+09.75(2)	88894.01	9.75	234.92	0.00	0.00	349.47	89	0	0	115	92,043	226,857	24,819	8,272.98	14,660.01	-104,313.98
889+27.14(2)	88911.40	17.40	259.89	0.39	0.00	252.24	159	0	0	194	92,203	226,858	24,819	8,272.98	14,844.16	-103,909.82
889+77.37(2)	88961.63	50.23	280.02	0.00	0.00	170.23	502	0	0	393	92,705	226,858	24,819	8,272.98	15,217.46	-102,911.63
890+00(2)	88984.26	22.63	290.00	0.00	0.00	168.60	239	0	0	142	92,944	226,858	24,819	8,272.98	15,352.35	-102,493.35
891+00(2)	89084.26	100.00	235.19	0.00	0.00	168.60	973	0	0	624	93,916	226,858	24,819	8,272.98	15,945.57	-100,731.80
892+00(2)	89184.26	100.00	70.74	0.00	0.00	162.84	567	0	0	614	94,483	226,858	24,819	8,272.98	16,528.65	-99,389.77
893+00(2)	89284.26	100.00	12.49	48.67	0.00	55.99	154	90	0	405	94,637	226,978	24,819	8,272.98	16,913.62	-98,843.51
894+00(2)	89384.26	100.00	5.11	360.99	0.00	0.00	33	759	0	104	94,669	227,987	24,819	8,272.98	17,012.12	-99,688.88
895+00(2)	89484.26	100.00	6.51	444.60	0.00	0.00	22	1,492	0	0	94,691	229,971	24,819	8,272.98	17,012.12	-101,651.50
896+00(2)	89584.26	100.00	12.69	431.17	0.00	0.00	36	1,622	0	0	94,727	232,128	24,819	8,272.98	17,012.12	-103,772.95
897+00(2)	89684.26	100.00	15.90	444.28	0.00	0.00	53	1,621	0	0	94,779	234,284	24,819	8,272.98	17,012.12	-105,876.23
				Subtotal			54,622	37,057	0	8,131						

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
4 - Expanded Marsh Backfill	Will be backfilled with Select Borrow, Item 208.1100
6 - Reduced Marsh in Fill	Reduced Marsh Excavation that can be used in Fill
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	Fill	Marsh Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut	Fill	Marsh Exc	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Marsh Backfill	Reduced Marsh in Fill	Reduced EBS In Fill	Mass Ordinate
											1.00	1.33	1.50	0.50	0.95	
							Note 1	Note 3			Note 1		Note 4	Note 6	Note 7	Note 8
898+00(2)	89784.26	100.00	15.68	458.20	0.00	0.00	58	1,671	0	0	94,838	236,507	24,819	8,272.98	17,012.12	-108,040.54
899+00(2)	89884.26	100.00	12.91	489.34	0.00	0.00	53	1,755	0	0	94,891	238,841	24,819	8,272.98	17,012.12	-110,321.36
900+00(2)	89984.26	100.00	16.72	577.99	0.00	0.00	55	1,977	0	0	94,946	241,470	24,819	8,272.98	17,012.12	-112,895.27
901+00(2)	90084.26	100.00	14.22	848.00	0.00	0.00	57	2,641	0	0	95,003	244,982	24,819	8,272.98	17,012.12	-116,350.13
901+59.13(2)	90143.38	59.13	7.38	996.98	0.00	0.00	24	2,020	0	0	95,027	247,669	24,819	8,272.98	17,012.12	-119,013.31
902+00(2)	90184.26	40.87	4.86	1171.30	0.00	0.00	9	1,641	0	0	95,036	249,851	24,819	8,272.98	17,012.12	-121,186.80
902+73.93(2)	90258.18	73.93	8.41	1114.11	0.00	0.00	18	3,129	0	0	95,054	254,013	24,819	8,272.98	17,012.12	-125,329.94
903+00(2)	90284.26	26.07	7.69	1092.53	0.00	0.00	8	1,065	0	0	95,062	255,430	24,819	8,272.98	17,012.12	-126,739.16
904+00(2)	90384.26	100.00	11.83	942.38	0.00	0.00	36	3,768	0	0	95,098	260,442	24,819	8,272.98	17,012.12	-131,714.93
905+00(2)	90484.26	100.00	52.79	663.16	0.00	0.00	120	2,973	0	0	95,218	264,396	24,819	8,272.98	17,012.12	-135,549.68
906+00(2)	90584.26	100.00	292.65	216.08	0.00	49.20	640	1,628	0	91	95,857	266,562	24,819	8,272.98	17,098.67	-136,960.40
907+00(2)	90684.26	100.00	1057.47	17.60	0.00	134.06	2,500	433	0	339	98,358	267,137	24,819	8,272.98	17,421.06	-134,606.95
908+00(2)	90784.26	100.00	1694.13	0.00	0.00	20.03	5,096	33	0	285	103,453	267,180	24,819	8,272.98	17,692.13	-129,194.23
909+00(2)	90884.26	100.00	1758.40	0.00	0.00	19.62	6,394	0	0	73	109,847	267,180	24,819	8,272.98	17,761.88	-122,707.88
910+00(2)	90984.26	100.00	1231.18	6.04	0.00	120.90	5,536	11	0	260	115,383	267,195	24,819	8,272.98	18,009.10	-116,857.70
911+00(2)	91084.26	100.00	485.70	0.00	0.00	120.90	3,179	11	0	448	118,562	267,210	24,819	8,272.98	18,434.49	-113,127.41
912+00(2)	91184.26	100.00	92.66	83.56	0.00	97.03	1,071	155	0	404	119,633	267,416	24,819	8,272.98	18,817.88	-111,752.27
913+00(2)	91284.26	100.00	74.39	186.40	0.00	0.00	309	500	0	180	119,943	268,081	24,819	8,272.98	18,988.57	-111,880.78
913+88.52(2)	91372.78	88.52	57.71	199.83	0.00	0.00	217	633	0	0	120,159	268,923	24,819	8,272.98	18,988.57	-112,506.31
914+00(2)	91384.26	11.48	69.05	185.50	0.00	0.00	27	82	0	0	120,186	269,032	24,819	8,272.98	18,988.57	-112,588.31
914+47.25(2)	91431.50	47.25	12.44	202.48	0.00	0.00	71	339	0	0	120,258	269,483	24,819	8,272.98	18,988.57	-112,968.49
914+58.9(2)	91443.15	11.65	4.50	106.92	0.00	0.00	4	67	0	0	120,261	269,572	24,819	8,272.98	18,988.57	-113,053.62
915+00(2)	91484.26	41.10	13.76	31.53	0.00	0.00	14	105	0	0	120,275	269,712	24,819	8,272.98	18,988.57	-113,179.88
915+25.49(2)	91509.75	25.49	27.65	180.08	0.00	0.00	20	100	0	0	120,295	269,845	24,819	8,272.98	18,988.57	-113,293.19
915+47.14(2)	91531.40	21.65	30.10	169.30	0.00	0.00	23	140	0	0	120,318	270,031	24,819	8,272.98	18,988.57	-113,456.30
915+97.53(2)	91581.78	50.39	28.86	162.47	0.00	0.00	55	310	0	0	120,373	270,443	24,819	8,272.98	18,988.57	-113,813.03
916+00(2)	91584.26	2.47	28.68	160.62	0.00	0.00	3	15	0	0	120,376	270,463	24,819	8,272.98	18,988.57	-113,830.07
917+00(2)	91684.26	100.00	17.10	217.78	0.00	0.00	85	701	0	0	120,460	271,395	24,819	8,272.98	18,988.57	-114,677.28
918+00(3)	91779.14	94.88	22.45	284.00	0.00	0.00	69	882	0	0	120,530	272,568	24,819	8,272.98	18,988.57	-115,780.42
919+00(3)	91879.14	100.00	72.22	253.82	0.00	0.00	175	996	0	0	120,705	273,892	24,819	8,272.98	18,988.57	-116,929.73
920+00(3)	91979.14	100.00	137.30	0.00	0.00	0.00	388	470	0	0	121,093	274,517	24,819	8,272.98	18,988.57	-117,166.86
921+00(3)	92079.14	100.00	43.36	286.40	0.00	0.00	335	530	0	0	121,428	275,223	24,819	8,272.98	18,988.57	-117,537.69
922+00(3)	92179.14	100.00	25.45	334.51	0.00	0.00	127	1,150	0	0	121,555	276,752	24,819	8,272.98	18,988.57	-118,939.54
923+00(3)	92279.14	100.00	26.19	346.62	0.00	0.00	96	1,261	0	0	121,651	278,429	24,819	8,272.98	18,988.57	-120,521.49
924+00(3)	92379.14	100.00	13.89	400.00	0.00	0.00	74	1,383	0	0	121,725	280,268	24,819	8,272.98	18,988.57	-122,286.16
925+00(3)	92479.14	100.00	34.12	423.59	0.00	0.00	89	1,525	0	0	121,814	282,297	24,819	8,272.98	18,988.57	-124,225.71
926+00(3)	92579.14	100.00	12.96	487.11	0.00	0.00	87	1,686	0	0	121,901	284,540	24,819	8,272.98	18,988.57	-126,381.52
927+00(3)	92679.14	100.00	7.04	562.43	0.00	0.00	37	1,944	0	0	121,938	287,125	24,819	8,272.98	18,988.57	-128,929.46
928+00(3)	92779.14	100.00	9.55	622.61	0.00	0.00	31	2,195	0	0	121,969	290,044	24,819	8,272.98	18,988.57	-131,817.48
929+00(3)	92879.14	100.00	9.50	648.61	0.00	0.00	35	2,354	0	0	122,004	293,175	24,819	8,272.98	18,988.57	-134,913.16
930+00(3)	92979.14	100.00	9.16	622.32	0.00	0.00	35	2,354	0	0	122,039	296,305	24,819	8,272.98	18,988.57	-138,008.83
931+00(3)	93079.14	100.00	20.61	610.32	0.00	0.00	55	2,283	0	0	122,094	299,341	24,819	8,272.98	18,988.57	-140,989.62
932+00(3)	93179.14	100.00	18.83	605.01	0.00	0.00	73	2,251	0	0	122,167	302,334	24,819	8,272.98	18,988.57	-143,909.89
932+70.05(3)	93249.19	70.05	68.78	258.47	0.00	0.00	114	1,120	0	0	122,280	303,824	24,819	8,272.98	18,988.57	-145,285.98
933+00(3)	93279.14	29.95	70.20	44.11	0.00	0.00	77	168	0	0	122,358	304,047	24,819	8,272.98	18,988.57	-145,432.10
				Subtotal			27,578	52,453	0	2,080						

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
4 - Expanded Marsh Backfill	Will be backfilled with Select Borrow, Item 208.1100
6 - Reduced Marsh in Fill	Reduced Marsh Excavation that can be used in Fill
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	Fill	Marsh Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut	Fill	Marsh Exc	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Marsh Backfill	Reduced Marsh in Fill	Reduced EBS In Fill	Mass Ordinate
											1.00	1.33	1.50	0.50	0.95	
							Note 1	Note 3			Note 1		Note 4	Note 6	Note 7	Note 8
933+20.04(3)	93299.18	20.04	2.04	441.39	0.00	0.00	27	180	0	0	122,384	304,287	24,819	8,272.98	18,988.57	-145,644.97
934+00(3)	93379.14	79.96	0.00	618.01	0.00	0.00	3	1,569	0	0	122,387	306,373	24,819	8,272.98	18,988.57	-147,728.20
935+00(3)	93479.14	100.00	4.46	631.48	0.00	0.00	8	2,314	0	0	122,396	309,450	24,819	8,272.98	18,988.57	-150,797.41
936+00(3)	93579.14	100.00	11.62	580.03	0.00	0.00	30	2,244	0	0	122,425	312,434	24,819	8,272.98	18,988.57	-153,751.54
937+00(3)	93679.14	100.00	7.44	702.88	0.00	0.00	35	2,376	0	0	122,461	315,594	24,819	8,272.98	18,988.57	-156,876.00
938+00(3)	93779.14	100.00	29.93	218.45	0.00	0.00	69	1,706	0	0	122,530	317,863	24,819	8,272.98	18,988.57	-159,076.00
939+00(3)	93879.14	100.00	5.34	552.35	0.00	0.00	65	1,427	0	0	122,595	319,762	24,819	8,272.98	18,988.57	-160,909.15
940+00(3)	93979.14	100.00	8.05	423.87	0.00	0.00	25	1,808	0	0	122,620	322,166	24,819	8,272.98	18,988.57	-163,288.75
941+00(3)	94079.14	100.00	17.56	197.50	0.00	0.00	47	1,151	0	0	122,667	323,696	24,819	8,272.98	18,988.57	-164,771.74
942+00(3)	94179.14	100.00	199.67	0.00	0.00	120.90	402	366	0	224	123,070	324,183	24,819	8,272.98	19,201.26	-164,573.02
943+00(3)	94279.14	100.00	538.07	8.82	0.00	120.90	1,366	16	0	448	124,436	324,205	24,819	8,272.98	19,626.64	-162,662.79
944+00(3)	94379.14	100.00	1160.99	1.74	0.00	20.03	3,146	20	0	261	127,582	324,231	24,819	8,272.98	19,874.57	-159,212.64
944+79.57(3)	94458.71	79.57	1582.40	2.58	0.00	0.00	4,043	6	0	30	131,625	324,239	24,819	8,272.98	19,902.60	-155,141.18
945+00(3)	94479.14	20.43	1629.55	7.35	0.00	0.00	1,215	4	0	0	132,840	324,244	24,819	8,272.98	19,902.60	-153,931.23
946+00(3)	94579.14	100.00	1629.29	0.21	0.00	0.00	6,035	14	0	0	138,875	324,263	24,819	8,272.98	19,902.60	-147,914.96
947+00(3)	94679.14	100.00	1268.38	0.00	0.00	0.00	5,366	0	0	0	144,241	324,263	24,819	8,272.98	19,902.60	-142,549.41
948+00(3)	94779.14	100.00	962.69	0.00	0.00	0.00	4,132	0	0	0	148,372	324,263	24,819	8,272.98	19,902.60	-138,417.81
949+00(3)	94879.14	100.00	654.62	0.60	0.00	0.00	2,995	1	0	0	151,367	324,265	24,819	8,272.98	19,902.60	-135,424.29
950+00(3)	94979.14	100.00	628.74	4.53	0.00	0.00	2,377	9	0	0	153,744	324,277	24,819	8,272.98	19,902.60	-133,060.33
951+00(3)	95079.14	100.00	505.98	7.71	0.00	67.08	2,101	23	0	124	155,845	324,307	24,819	8,272.98	20,020.61	-130,832.17
952+00(3)	95179.14	100.00	606.14	3.85	0.00	67.08	2,059	21	0	248	157,905	324,336	24,819	8,272.98	20,256.63	-128,487.24
953+00(3)	95279.14	100.00	475.29	4.61	0.00	67.08	2,003	16	0	248	159,908	324,357	24,819	8,272.98	20,492.64	-126,191.52
954+00(3)	95379.14	100.00	489.54	5.52	0.00	67.08	1,787	19	0	248	161,694	324,382	24,819	8,272.98	20,728.66	-124,115.82
955+00(3)	95479.14	100.00	533.44	1.09	0.00	67.08	1,894	12	0	248	163,589	324,398	24,819	8,272.98	20,964.68	-121,923.79
956+00(3)	95579.14	100.00	661.51	6.52	0.00	67.08	2,213	14	0	248	165,802	324,417	24,819	8,272.98	21,200.70	-119,415.77
957+00(3)	95679.14	100.00	688.28	11.02	0.00	67.08	2,500	32	0	248	168,301	324,460	24,819	8,272.98	21,436.71	-116,645.45
958+00(3)	95779.14	100.00	764.69	10.41	0.00	67.08	2,691	40	0	248	170,992	324,513	24,819	8,272.98	21,672.73	-113,693.64
959+00(3)	95879.14	100.00	912.62	11.12	0.00	67.08	3,106	40	0	248	174,098	324,566	24,819	8,272.98	21,908.75	-110,326.64
960+00(3)	95979.14	100.00	922.55	11.26	0.00	67.08	3,398	41	0	248	177,496	324,621	24,819	8,272.98	22,144.76	-106,669.41
961+00(3)	96079.14	100.00	803.12	8.61	0.00	67.08	3,196	37	0	248	180,692	324,670	24,819	8,272.98	22,380.78	-103,208.77
962+00(3)	96179.14	100.00	748.52	8.62	0.00	67.08	2,873	32	0	248	183,566	324,712	24,819	8,272.98	22,616.79	-100,063.91
963+00(3)	96279.14	100.00	711.82	9.18	0.00	67.08	2,704	33	0	248	186,270	324,756	24,819	8,272.98	22,852.81	-97,089.52
964+00(3)	96379.14	100.00	693.26	9.10	0.00	67.08	2,602	34	0	248	188,872	324,801	24,819	8,272.98	23,088.83	-94,218.64
965+00(3)	96479.14	100.00	659.03	11.73	0.00	67.08	2,504	39	0	248	191,376	324,852	24,819	8,272.98	23,324.84	-91,451.80
966+00(3)	96579.14	100.00	575.26	8.85	0.00	67.08	2,286	38	0	248	193,662	324,903	24,819	8,272.98	23,560.86	-88,902.87
967+00(3)	96679.14	100.00	416.63	23.12	0.00	120.90	1,837	59	0	348	195,499	324,982	24,819	8,272.98	23,891.56	-86,704.92
968+00(3)	96779.14	100.00	161.06	37.89	0.00	120.90	1,070	113	0	448	196,568	325,132	24,819	8,272.98	24,316.94	-85,219.61
969+00(3)	96879.14	100.00	57.51	116.39	0.00	95.76	405	286	0	401	196,973	325,512	24,819	8,272.98	24,698.10	-84,687.89
969+45.01(3)	96924.15	45.01	0.00	146.47	0.00	107.48	48	219	0	169	197,021	325,803	24,819	8,272.98	24,859.04	-84,717.32
969+58.78(3)	96937.92	13.77	1.38	110.58	0.00	67.67	0	66	0	45	197,021	325,891	24,819	8,272.98	24,901.46	-84,747.70
970+00(3)	96979.14	41.22	6.46	19.12	0.00	52.78	6	99	0	92	197,027	326,022	24,819	8,272.98	24,988.81	-84,757.24
970+26.82(3)	97005.96	26.82	26.05	29.45	0.00	20.04	16	24	0	36	197,044	326,054	24,819	8,272.98	25,023.17	-84,727.48
970+50.77(3)	97029.91	23.95	22.74	416.87	0.00	0.00	22	198	0	9	197,065	326,318	24,819	8,272.98	25,031.61	-84,957.91
970+86.7(3)	97065.84	35.92	16.34	554.33	0.00	0.00	26	646	0	0	197,091	327,177	24,819	8,272.98	25,031.61	-85,791.20
971+00(3)	97079.14	13.30	14.54	566.85	0.00	0.00	8	276	0	0	197,099	327,544	24,819	8,272.98	25,031.61	-86,150.96
				Subtotal			74,741	17,667	0	6,361						

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
4 - Expanded Marsh Backfill	Will be backfilled with Select Borrow, Item 208.1100
6 - Reduced Marsh in Fill	Reduced Marsh Excavation that can be used in Fill
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	Fill	Marsh Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut	Fill	Marsh Exc	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Marsh Backfill	Reduced Marsh in Fill	Reduced EBS In Fill	Mass Ordinate
											1.00	1.33	1.50	0.50	0.95	
							Note 1	Note 3			Note 1		Note 4	Note 6	Note 7	Note 8
972+00(3)	97179.14	100.00	11.89	689.49	0.00	0.00	49	2,327	0	0	197,148	330,639	24,819	8,272.98	25,031.61	-89,196.31
973+00(3)	97279.14	100.00	13.50	823.55	0.00	0.00	47	2,802	0	0	197,195	334,365	24,819	8,272.98	25,031.61	-92,875.84
974+00(3)	97379.14	100.00	14.45	981.16	0.00	0.00	52	3,342	0	0	197,247	338,810	24,819	8,272.98	25,031.61	-97,269.03
975+00(3)	97479.14	100.00	20.23	1107.78	0.00	0.00	64	3,868	0	0	197,311	343,955	24,819	8,272.98	25,031.61	-102,349.79
976+00(3)	97579.14	100.00	14.67	1252.75	0.00	0.00	65	4,371	0	0	197,375	349,769	24,819	8,272.98	25,031.61	-108,099.08
977+00(3)	97679.14	100.00	21.01	1527.53	0.00	0.00	66	5,149	0	0	197,442	356,617	24,819	8,272.98	25,031.61	-114,880.76
978+00(3)	97779.14	100.00	25.53	1680.78	0.00	0.00	86	5,941	0	0	197,528	364,519	24,819	8,272.98	25,031.61	-122,696.53
979+00(3)	97879.14	100.00	28.54	1621.29	0.00	0.00	100	6,115	0	0	197,628	372,652	24,819	8,272.98	25,031.61	-130,729.26
980+00(3)	97979.14	100.00	32.24	1224.49	0.00	0.00	113	5,270	0	0	197,740	379,661	24,819	8,272.98	25,031.61	-137,625.76
981+00(3)	98079.14	100.00	58.25	1025.85	0.00	0.00	168	4,167	0	0	197,908	385,203	24,819	8,272.98	25,031.61	-143,000.69
982+00(3)	98179.14	100.00	17.96	924.80	0.00	0.00	141	3,612	0	0	198,049	390,008	24,819	8,272.98	25,031.61	-147,663.93
983+00(3)	98279.14	100.00	7.75	464.83	0.00	0.00	48	2,573	0	0	198,097	393,430	24,819	8,272.98	25,031.61	-151,038.91
984+00(3)	98379.14	100.00	11.01	458.40	0.00	0.00	35	1,710	0	0	198,131	395,704	24,819	8,272.98	25,031.61	-153,278.04
985+00(3)	98479.14	100.00	27.13	265.14	0.00	0.00	71	1,340	0	0	198,202	397,486	24,819	8,272.98	25,031.61	-154,989.48
986+00(3)	98579.14	100.00	4.36	385.21	0.00	0.00	58	1,204	0	0	198,260	399,088	24,819	8,272.98	25,031.61	-156,532.97
986+44.26(3)	98623.40	44.26	0.00	451.85	0.00	0.00	4	686	0	0	198,264	400,000	24,819	8,272.98	25,031.61	-157,441.80
986+75.46(3)	98654.60	31.20	0.01	501.97	0.00	0.00	0	551	0	0	198,264	400,733	24,819	8,272.98	25,031.61	-158,174.86
987+00(3)	98679.14	24.54	4.38	508.15	0.00	0.00	2	459	0	0	198,266	401,344	24,819	8,272.98	25,031.61	-158,783.38
987+22.96(3)	98702.10	22.96	24.07	484.75	0.00	0.00	12	422	0	0	198,278	401,905	24,819	8,272.98	25,031.61	-159,332.65
987+43.97(3)	98723.11	21.02	42.18	379.80	0.00	0.00	26	337	0	0	198,304	402,353	24,819	8,272.98	25,031.61	-159,754.44
987+82.88(3)	98762.02	38.91	155.25	6.17	0.00	0.00	142	278	0	0	198,446	402,723	24,819	8,272.98	25,031.61	-159,982.05
988+00(3)	98779.14	17.12	168.20	44.86	0.00	0.00	103	16	0	0	198,549	402,744	24,819	8,272.98	25,031.61	-159,901.03
989+00(3)	98879.14	100.00	31.47	54.45	0.00	104.43	370	184	0	193	198,918	402,989	24,819	8,272.98	25,215.33	-159,531.52
990+00(3)	98979.14	100.00	245.98	6.26	0.00	194.88	514	112	0	554	199,432	403,138	24,819	8,272.98	25,741.89	-158,466.92
991+00(3)	99079.14	100.00	547.26	0.00	0.00	178.66	1,469	12	0	692	200,901	403,154	24,819	8,272.98	26,399.04	-156,139.36
992+00(3)	99179.14	100.00	779.11	0.00	0.00	0.00	2,456	0	0	331	203,357	403,154	24,819	8,272.98	26,713.34	-153,265.09
993+00(3)	99279.14	100.00	581.71	0.00	0.00	120.90	2,520	0	0	224	205,877	403,154	24,819	8,272.98	26,926.04	-150,462.17
994+00(3)	99379.14	100.00	117.76	3.75	0.00	120.44	1,295	7	0	447	207,173	403,163	24,819	8,272.98	27,350.62	-148,611.41
995+00(3)	99479.14	100.00	13.76	704.20	0.00	0.00	244	1,311	0	223	207,416	404,907	24,819	8,272.98	27,562.50	-149,829.71
996+00(3)	99579.14	100.00	32.97	256.77	0.00	18.78	87	1,780	0	35	207,503	407,273	24,819	8,272.98	27,595.54	-152,066.06
997+00(3)	99679.14	100.00	368.72	2.23	0.00	120.90	744	480	0	259	208,247	407,911	24,819	8,272.98	27,841.27	-151,633.28
998+00(3)	99779.14	100.00	431.19	0.74	0.00	120.90	1,481	6	0	448	209,728	407,919	24,819	8,272.98	28,266.66	-149,593.53
998+56.88(3)	99836.02	56.88	252.06	0.73	0.00	128.64	720	2	0	263	210,448	407,921	24,819	8,272.98	28,516.35	-148,543.85
999+00(3)	99879.14	43.12	137.70	0.00	0.00	162.15	311	1	0	232	210,759	407,922	24,819	8,272.98	28,736.96	-147,939.96
999+70.42(3)	99949.56	70.42	40.33	148.37	0.00	1.98	232	193	0	214	210,991	408,179	24,819	8,272.98	28,940.29	-147,694.69
1000+00(3)	99979.14	29.58	26.14	440.83	0.00	0.00	36	323	0	1	211,027	408,608	24,819	8,272.98	28,941.32	-148,086.20
1001+00(3)	100079.14	100.00	16.62	1254.83	0.00	0.00	79	3,140	0	0	211,107	412,784	24,819	8,272.98	28,941.32	-152,183.34
1002+00(3)	100179.14	100.00	2.66	2325.29	0.00	0.00	36	6,630	0	0	211,142	421,602	24,819	8,272.98	28,941.32	-160,965.31
1003+00(3)	100279.14	100.00	20.35	2151.16	0.00	0.00	43	8,290	0	0	211,185	432,628	24,819	8,272.98	28,941.32	-171,948.02
1004+00(3)	100379.14	100.00	22.73	1330.28	0.00	0.00	80	6,447	0	0	211,265	441,202	24,819	8,272.98	28,941.32	-180,442.88
1005+00(3)	100479.14	100.00	57.10	423.27	0.00	0.00	148	3,247	0	0	211,413	445,521	24,819	8,272.98	28,941.32	-184,613.95
1006+00(3)	100579.14	100.00	3.77	420.44	0.00	7.36	113	1,562	0	14	211,525	447,599	24,819	8,272.98	28,954.27	-186,562.01
1007+00(3)	100679.14	100.00	44.79	471.25	0.00	0.00	90	1,651	0	14	211,615	449,795	24,819	8,272.98	28,967.21	-188,651.06
1008+00(3)	100779.14	100.00	442.85	56.98	0.00	1.36	903	978	0	3	212,518	451,096	24,819	8,272.98	28,969.61	-189,045.86
1009+00(3)	100879.14	100.00	58.15	359.73	0.00	11.40	928	772	0	24	213,446	452,123	24,819	8,272.98	28,992.07	-189,114.55
				Subtotal			16,347	93,668	0	4,169						

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
4 - Expanded Marsh Backfill	Will be backfilled with Select Borrow, Item 208.1100
6 - Reduced Marsh in Fill	Reduced Marsh Excavation that can be used in Fill
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	Fill	Marsh Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Fill Note 3	Marsh Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.33	Expanded Marsh Backfill 1.50 Note 4	Reduced Marsh in Fill 0.50 Note 6	Reduced EBS In Fill 0.95 Note 7	Mass Ordinate Note 8
1010+00(3)	100979.14	100.00	9.12	636.44	0.00	0.00	125	1,845	0	21	213,571	454,576	24,819	8,272.98	29,012.13	-191,463.56
1011+00(3)	101079.14	100.00	5.99	606.46	0.00	0.00	28	2,302	0	0	213,599	457,637	24,819	8,272.98	29,012.13	-194,496.77
1012+00(3)	101179.14	100.00	5.55	493.85	0.00	0.00	21	2,038	0	0	213,620	460,347	24,819	8,272.98	29,012.13	-197,185.41
1013+00(3)	101279.14	100.00	1.82	532.47	0.00	0.00	14	1,901	0	0	213,634	462,875	24,819	8,272.98	29,012.13	-199,699.54
1014+00(3)	101379.14	100.00	2.49	319.64	0.00	0.00	8	1,578	0	0	213,642	464,974	24,819	8,272.98	29,012.13	-201,790.26
1015+00(3)	101479.14	100.00	10.92	181.56	0.00	0.00	25	928	0	0	213,667	466,208	24,819	8,272.98	29,012.13	-202,999.87
1016+00(3)	101579.14	100.00	47.24	40.44	0.00	0.00	108	411	0	0	213,774	466,755	24,819	8,272.98	29,012.13	-203,438.96
1017+00(3)	101679.14	100.00	324.77	2.50	0.00	120.90	689	80	0	224	214,463	466,861	24,819	8,272.98	29,224.82	-202,572.94
1018+00(3)	101779.14	100.00	316.68	8.26	0.00	120.90	1,188	20	0	448	215,651	466,887	24,819	8,272.98	29,650.21	-200,845.80
1019+00(3)	101879.14	100.00	147.40	107.67	0.00	0.95	859	215	0	226	216,510	467,173	24,819	8,272.98	29,864.58	-199,986.81
1019+18.42(3)	101897.56	18.42	76.40	143.24	0.00	0.00	76	86	0	0	216,587	467,287	24,819	8,272.98	29,864.89	-200,023.89
1019+67.98(3)	101947.12	49.57	5.56	249.93	0.00	0.00	75	361	0	0	216,662	467,767	24,819	8,272.98	29,864.89	-200,428.63
1020+00(3)	101979.14	32.02	23.94	266.23	0.00	0.00	17	306	0	0	216,680	468,174	24,819	8,272.98	29,864.89	-200,818.14
1021+00(3)	102079.14	100.00	23.72	328.07	0.00	0.00	88	1,101	0	0	216,768	469,637	24,819	8,272.98	29,864.89	-202,193.60
1022+00(3)	102179.14	100.00	15.85	381.74	0.00	0.00	73	1,314	0	0	216,841	471,386	24,819	8,272.98	29,864.89	-203,868.55
1023+00(3)	102279.14	100.00	0.00	420.01	0.00	0.00	29	1,485	0	0	216,870	473,360	24,819	8,272.98	29,864.89	-205,813.87
1024+00(3)	102379.14	100.00	14.40	254.50	0.00	22.52	27	1,249	0	42	216,897	475,022	24,819	8,272.98	29,904.51	-207,395.81
1025+00(3)	102479.14	100.00	966.09	6.50	0.00	132.90	1,816	483	0	288	218,713	475,664	24,819	8,272.98	30,177.93	-205,859.27
1026+00(3)	102579.14	100.00	0.00	797.89	0.00	0.00	1,789	1,490	0	246	220,502	477,646	24,819	8,272.98	30,411.73	-205,740.43
1027+00(3)	102679.14	100.00	2240.42	5.27	0.00	132.90	4,149	1,487	0	246	224,651	479,624	24,819	8,272.98	30,645.53	-203,258.71
1028+00(3)	102779.14	100.00	2739.35	7.85	0.00	132.90	9,222	24	0	492	233,873	479,656	24,819	8,272.98	31,113.14	-193,447.32
1029+00(3)	102879.14	100.00	786.25	11.02	0.00	132.90	6,529	35	0	492	240,401	479,703	24,819	8,272.98	31,580.74	-186,342.97
1030+00(3)	102979.14	100.00	294.81	23.80	0.00	152.83	2,002	64	0	529	242,403	479,788	24,819	8,272.98	32,083.42	-183,758.17
1030+39.34(3)	103018.48	39.34	168.40	57.71	0.00	61.03	337	59	0	156	242,741	479,867	24,819	8,272.98	32,231.42	-183,302.88
1030+75.63(3)	103054.77	36.29	20.90	25.16	0.00	0.00	127	56	0	41	242,868	479,941	24,819	8,272.98	32,270.39	-183,197.91
1031+00(3)	103079.14	24.37	7.84	18.71	0.00	0.00	13	20	0	0	242,881	479,968	24,819	8,272.98	32,270.39	-183,211.28
1031+33.05(3)	103112.19	33.05	8.76	176.83	0.00	0.00	10	120	0	0	242,891	480,127	24,819	8,272.98	32,270.39	-183,360.30
1031+61.81(3)	103140.95	28.76	14.55	383.04	0.00	0.00	12	298	0	0	242,904	480,523	24,819	8,272.98	32,270.39	-183,744.49
1032+00(3)	103179.14	38.19	7.34	529.27	0.00	0.00	15	645	0	0	242,919	481,382	24,819	8,272.98	32,270.39	-184,587.07
1033+00(3)	103279.14	100.00	0.89	949.20	0.00	0.00	15	2,738	0	0	242,934	485,023	24,819	8,272.98	32,270.39	-188,213.25
1034+00(3)	103379.14	100.00	2.08	977.11	0.00	0.00	6	3,567	0	0	242,940	489,767	24,819	8,272.98	32,270.39	-192,952.19
1035+00(3)	103479.14	100.00	4.65	1445.01	0.00	0.00	12	4,485	0	0	242,952	495,733	24,819	8,272.98	32,270.39	-198,905.30
1036+00(3)	103579.14	100.00	11.38	1453.67	0.00	0.00	30	5,368	0	0	242,982	502,872	24,819	8,272.98	32,270.39	-206,014.97
1037+00(3)	103679.14	100.00	39.55	1145.52	0.00	0.00	94	4,813	0	0	243,076	509,274	24,819	8,272.98	32,270.39	-212,322.38
				Subtotal			29,630	42,971	0	3,451						
				TOTAL			**243,076**	**382,913**	**16,546**	**33,969**						

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
4 - Expanded Marsh Backfill	Will be backfilled with Select Borrow, Item 208.1100
6 - Reduced Marsh in Fill	Reduced Marsh Excavation that can be used in Fill
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut	Cumulative Vol (CY) Expanded Fill	Cumulative Vol (CY) Reduced EBS In Fill	Mass Ordinate
									1.00	1.33	0.95	
						Note 1	Note 3		Note 1		Note 7	Note 8
1038+00(3)	103779.14	0.00	121.11	1039.72	0.00	0	0	0	0	0	0.00	0.00
1039+00(3)	103879.14	100.00	65.78	1071.34	0.00	346	3,909	0	346	5,199	0.00	-4,853.37
1040+00(3)	103979.14	100.00	41.77	420.32	0.00	199	2,762	0	545	8,873	0.00	-8,328.13
1041+00(3)	104079.14	100.00	970.16	30.74	142.26	1,874	835	263	2,419	9,984	250.28	-7,815.42
1042+00(3)	104179.14	100.00	799.52	0.00	120.00	3,277	57	486	5,696	10,060	711.68	-5,075.33
1043+00(3)	104279.14	100.00	2.83	793.26	0.00	1,486	1,469	222	7,182	12,014	922.79	-5,754.37
1044+00(3)	104379.14	100.00	0.00	805.01	0.00	5	2,960	0	7,188	15,950	922.79	-9,685.59
1045+00(3)	104479.14	100.00	823.37	0.00	120.90	1,525	1,491	224	8,712	17,933	1,135.49	-10,356.23
1046+00(3)	104579.14	100.00	676.17	0.00	120.90	2,777	0	448	11,489	17,933	1,560.88	-8,004.69
1047+00(3)	104679.14	100.00	670.54	1.00	120.90	2,494	2	448	13,983	17,935	1,986.27	-5,938.64
1048+00(3)	104779.14	100.00	821.36	0.00	120.90	2,763	2	448	16,746	17,938	2,411.66	-3,603.72
1049+00(3)	104879.14	100.00	302.99	3.24	120.90	2,082	6	448	18,828	17,946	2,837.04	-1,954.95
1050+00(4)	104968.59	89.45	659.01	4.90	120.90	1,594	13	401	20,422	17,964	3,217.55	-759.86
1051+00(4)	105068.59	100.00	43.17	59.94	91.54	1,300	120	393	21,722	18,124	3,591.29	7.04
1052+00(4)	105168.59	100.00	8.67	296.78	0.00	96	661	170	21,818	19,002	3,752.33	-936.59
1053+00(4)	105268.59	100.00	9.82	400.67	0.00	34	1,292	0	21,852	20,720	3,752.33	-2,620.15
1054+00(4)	105368.59	100.00	44.47	662.26	0.00	101	1,968	0	21,953	23,338	3,752.33	-5,137.58
1055+00(4)	105468.59	100.00	1.73	930.81	0.00	86	2,950	0	22,038	27,262	3,752.33	-8,975.71
1056+00(4)	105568.59	100.00	2.65	1137.95	0.00	8	3,831	0	22,046	32,357	3,752.33	-14,062.90
1057+00(4)	105668.59	100.00	2.25	942.04	0.00	9	3,852	0	22,055	37,480	3,752.33	-19,176.78
1057+65.64(4)	105734.23	65.64	154.31	427.52	0.00	190	1,665	0	22,246	39,694	3,752.33	-21,200.70
1058+00(4)	105768.59	34.36	148.01	18.51	0.00	192	284	0	22,438	40,071	3,752.33	-21,385.79
1058+47.43(4)	105816.02	47.43	24.46	516.54	0.00	151	470	0	22,589	40,696	3,752.33	-21,859.31
1059+00(4)	105868.59	52.57	21.24	685.19	0.00	44	1,170	0	22,634	42,253	3,752.33	-23,370.89
1060+00(4)	105968.59	100.00	136.42	484.46	0.00	292	2,166	0	22,926	45,133	3,752.33	-25,959.75
1061+00(4)	106068.59	100.00	122.50	325.24	0.00	479	1,499	0	23,405	47,128	3,752.33	-27,474.53
1062+00(4)	106168.59	100.00	30.74	284.24	0.00	284	1,129	0	23,689	48,629	3,752.33	-28,691.86
1063+00(4)	106268.59	100.00	43.31	194.23	0.00	137	886	0	23,826	49,807	3,752.33	-29,733.15
1064+00(4)	106368.59	100.00	278.99	78.24	0.00	597	505	0	24,423	50,478	3,752.33	-29,807.37
1065+00(4)	106468.59	100.00	458.89	50.93	0.00	1,366	239	0	25,790	50,796	3,752.33	-28,759.08
1066+00(4)	106568.59	100.00	587.98	59.84	0.00	1,939	205	0	27,728	51,069	3,752.33	-27,093.27
1067+00(4)	106668.59	100.00	676.87	36.14	120.62	2,342	178	223	30,071	51,306	3,964.53	-25,199.55
1068+00(4)	106768.59	100.00	648.97	52.33	118.95	2,455	164	444	32,526	51,524	4,385.99	-23,383.67
1069+00(4)	106868.59	100.00	921.18	48.26	120.34	2,908	186	443	35,434	51,771	4,806.97	-21,144.69
1070+00(4)	106968.59	100.00	1114.71	37.44	20.02	3,770	159	260	39,204	51,982	5,053.91	-17,832.53
1071+00(4)	107068.59	100.00	1439.74	11.27	0.00	4,730	90	37	43,934	52,102	5,089.14	-13,257.29
1072+00(4)	107168.59	100.00	1506.99	6.25	0.00	5,457	32	0	49,391	52,145	5,089.14	-7,843.54
1073+00(4)	107268.59	100.00	1240.89	20.82	0.00	5,089	50	0	54,480	52,212	5,089.14	-2,821.55
1074+00(4)	107368.59	100.00	494.15	23.33	25.08	3,213	82	46	57,693	52,321	5,133.26	238.64
1075+00(4)	107468.59	100.00	281.40	32.95	139.01	1,436	104	304	59,129	52,459	5,421.93	1,247.56
1076+00(4)	107568.59	100.00	211.52	31.47	124.32	913	119	488	60,042	52,618	5,885.20	1,538.46
1077+00(4)	107668.59	100.00	98.67	33.12	94.92	574	120	406	60,616	52,777	6,270.91	1,568.11
1078+00(4)	107768.59	100.00	129.98	26.86	138.66	423	111	433	61,040	52,925	6,681.83	1,432.89
1079+00(4)	107868.59	100.00	478.59	5.87	120.90	1,127	61	481	62,167	53,006	7,138.46	2,022.64
1080+00(4)	107968.59	100.00	472.75	6.49	120.90	1,762	23	448	63,928	53,036	7,563.84	3,328.55
				Subtotal		63,928	39,877	7,962				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	Fill	EBS	Incremental Vol (CY) (Unadjusted) Cut	Fill	EBS	Cumulative Vol (CY) Cut 1.00	Expanded Fill 1.33	Reduced EBS In Fill 0.95	Mass Ordinate
						Note 1	Note 3		Note 1		Note 7	Note 8
1081+00(4)	108068.59	100.00	241.51	8.54	120.90	1,323	28	448	65,251	53,073	7,989.22	4,188.87
1082+00(4)	108168.59	100.00	382.53	39.80	120.90	1,156	90	448	66,407	53,192	8,414.60	4,800.07
1083+00(4)	108268.59	100.00	384.38	69.89	108.51	1,420	203	425	67,827	53,462	8,818.20	5,546.51
1084+00(4)	108368.59	100.00	310.18	156.58	0.00	1,286	419	201	69,113	54,020	9,009.10	6,084.03
1085+00(4)	108468.59	100.00	202.02	217.50	0.00	949	693	0	70,062	54,941	9,009.10	6,111.18
1085+04.31(4)	108472.90	4.31	115.38	220.78	0.00	25	35	0	70,087	54,988	9,009.10	6,089.98
1085+61.6(4)	108530.19	57.29	6.75	534.26	0.00	130	801	0	70,217	56,053	9,009.10	5,154.13
1086+00(4)	108568.59	38.40	0.00	0.00	0.00	5	380	0	70,221	56,559	9,009.10	4,653.70
1086+40.2(4)	108608.79	40.20	5.47	260.66	0.00	4	194	0	70,225	56,817	9,009.10	4,399.65
1086+59.92(4)	108628.51	19.71	19.17	545.65	0.00	9	294	0	70,234	57,208	9,009.10	4,017.12
1086+97.34(4)	108665.92	37.42	11.52	539.45	0.00	21	752	0	70,256	58,208	9,009.10	3,038.37
1087+00(4)	108668.59	2.66	42.92	533.78	0.00	3	53	0	70,258	58,279	9,009.10	2,970.66
1088+00(4)	108768.59	100.00	134.69	502.47	0.00	329	1,919	0	70,587	60,831	9,009.10	747.31
1089+00(4)	108868.59	100.00	258.92	407.49	0.00	729	1,685	0	71,316	63,072	9,009.10	-765.00
1090+00(4)	108968.59	100.00	45.19	860.63	0.00	563	2,348	0	71,879	66,195	9,009.10	-3,325.17
1091+00(4)	109068.59	100.00	37.13	1229.13	0.00	152	3,870	0	72,032	71,342	9,009.10	-8,319.72
1092+00(4)	109168.59	100.00	24.37	1529.00	0.00	114	5,108	0	72,146	78,136	9,009.10	-14,999.00
1093+00(4)	109268.59	100.00	15.80	1168.13	0.00	74	4,995	0	72,220	84,779	9,009.10	-21,567.53
1094+00(4)	109368.59	100.00	139.17	496.60	0.00	287	3,083	0	72,507	88,879	9,009.10	-25,380.72
1095+00(4)	109468.59	100.00	717.64	196.47	0.00	1,587	1,283	0	74,094	90,586	9,009.10	-25,501.06
1096+00(4)	109568.59	100.00	384.43	110.98	0.00	2,041	569	0	76,135	91,343	9,009.10	-24,217.44
1097+00(4)	109668.59	100.00	270.81	0.00	0.00	1,213	206	0	77,348	91,616	9,009.10	-23,277.37
1098+00(4)	109768.59	100.00	898.67	82.29	0.00	2,166	152	0	79,514	91,819	9,009.10	-21,314.35
1099+00(4)	109868.59	100.00	1138.48	137.32	0.00	3,773	407	0	83,286	92,360	9,009.10	-18,082.75
1100+00(4)	109968.59	100.00	20.30	355.74	0.00	2,146	913	0	85,432	93,574	9,009.10	-17,151.25
1101+00(4)	110068.59	100.00	50.50	669.02	0.00	131	1,898	0	85,563	96,098	9,009.10	-19,544.06
1102+00(4)	110168.59	100.00	231.01	684.24	0.00	521	2,506	0	86,085	99,431	9,009.10	-22,355.77
1103+00(4)	110268.59	100.00	54.91	2110.49	0.00	529	5,175	0	86,614	106,315	9,009.10	-28,709.60
1104+00(4)	110368.59	100.00	125.03	2511.54	0.00	333	8,559	0	86,947	117,698	9,009.10	-39,760.25
1105+00(4)	110468.59	100.00	278.61	2439.79	0.00	747	9,169	0	87,695	129,893	9,009.10	-51,207.71
1106+00(4)	110568.59	100.00	77.38	2818.32	0.00	659	9,737	0	88,354	142,844	9,009.10	-63,499.02
1107+00(4)	110668.59	100.00	32.53	2959.78	0.00	204	10,700	0	88,558	157,075	9,009.10	-77,526.74
1108+00(4)	110768.59	100.00	31.06	2937.43	0.00	118	10,921	0	88,675	171,600	9,009.10	-91,933.59
1109+00(4)	110868.59	100.00	47.18	2751.33	0.00	145	10,535	0	88,820	185,611	9,009.10	-105,799.92
1110+00(4)	110968.59	100.00	28.29	3166.13	0.00	140	10,958	0	88,960	200,185	9,009.10	-120,234.63
1111+00(4)	111068.59	100.00	17.24	3308.96	0.00	84	11,991	0	89,044	216,133	9,009.10	-136,098.23
1112+00(4)	111168.59	100.00	16.14	3117.36	0.00	62	11,901	0	89,106	231,961	9,009.10	-151,864.20
1113+00(4)	111268.59	100.00	25.72	2903.93	0.00	78	11,151	0	89,184	246,791	9,009.10	-166,616.87
1114+00(5)	111352.73	84.14	43.78	2762.86	0.00	108	8,830	0	89,292	258,535	9,009.10	-178,252.26
1115+00(5)	111452.73	100.00	1020.99	655.55	0.00	1,972	6,330	0	91,264	266,954	9,009.10	-184,699.90
1116+00(5)	111552.73	100.00	64.40	1766.56	0.00	2,010	4,485	0	93,274	272,920	9,009.10	-188,655.50
1117+00(5)	111652.73	100.00	59.57	1920.76	0.00	230	6,828	0	93,503	282,002	9,009.10	-197,507.66
1118+00(5)	111752.73	100.00	90.64	1503.74	0.00	278	6,342	0	93,781	290,436	9,009.10	-205,663.90
1119+00(5)	111852.73	100.00	102.80	1116.70	0.00	358	4,853	0	94,140	296,890	9,009.10	-211,759.72
1120+00(5)	111952.73	100.00	74.16	901.83	0.00	328	3,738	0	94,467	301,862	9,009.10	-216,403.59
				Subtotal		30,539	187,087	1,521				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95	Mass Ordinate
						Note 1	Note 3		Note 1		Note 7	Note 8
1121+00(5)	112052.73	100.00	86.40	723.50	0.00	297	3,010	0	94,765	305,865	9,009.10	-220,109.40
1122+00(5)	112152.73	100.00	102.13	426.05	0.00	349	2,129	0	95,114	308,696	9,009.10	-222,591.56
1123+00(5)	112252.73	100.00	91.29	136.30	0.00	358	1,041	0	95,472	310,081	9,009.10	-223,618.42
1124+00(5)	112352.73	100.00	83.62	6.54	0.00	324	265	0	95,796	310,433	9,009.10	-223,646.32
1125+00(5)	112452.73	100.00	75.58	7.00	0.00	295	25	0	96,091	310,466	9,009.10	-223,384.85
1126+00(5)	112552.73	100.00	41.19	9.23	0.00	216	30	0	96,307	310,506	9,009.10	-223,208.59
1127+00(5)	112652.73	100.00	125.59	0.00	0.00	309	17	0	96,616	310,529	9,009.10	-222,922.48
1127+81.64(5)	112734.37	81.64	141.83	0.00	0.00	404	0	0	97,020	310,529	9,009.10	-222,518.21
				Subtotal		2,553	6,517	0				
				Total		**97,020**	**233,481**	**9,483**				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95 Note 7	Mass Ordinate Note 8
787+96.23(1)	78796.23	0.00	0.00	0.00	0.00	0	0	0	0	0	0.00	0.00
788+00(1)	78800.00	3.77	0.00	0.00	0.00	0	0	0	0	0	0.00	0.00
789+00(1)	78900.00	100.00	267.93	294.54	70.09	496	545	130	496	725	123.30	-352.56
790+00(1)	79000.00	100.00	346.65	128.92	69.58	1,138	784	259	1,634	1,768	369.01	-503.12
791+00(1)	79100.00	100.00	294.79	36.95	69.13	1,188	307	257	2,822	2,177	613.03	32.17
792+00(1)	79200.00	100.00	91.40	49.41	67.30	715	160	253	3,537	2,390	853.03	294.63
793+00(1)	79300.00	100.00	1.80	181.22	1.47	173	427	127	3,710	2,958	974.01	-221.79
794+00(1)	79400.00	100.00	3.92	589.86	0.00	11	1,428	3	3,720	4,857	976.60	-2,112.93
795+00(1)	79500.00	100.00	3.66	966.25	0.18	14	2,882	0	3,735	8,689	976.91	-5,931.83
796+00(1)	79600.00	100.00	3.55	1419.50	3.50	13	4,418	7	3,748	14,565	983.39	-11,800.94
797+00(1)	79700.00	100.00	0.54	1831.68	5.68	8	6,021	17	3,755	22,573	999.55	-19,817.05
798+00(1)	79800.00	100.00	3.10	1305.60	5.53	7	5,810	21	3,762	30,300	1,019.26	-27,557.05
799+00(1)	79900.00	100.00	1.38	448.77	5.23	8	3,249	20	3,770	34,621	1,038.19	-31,888.65
800+00(1)	80000.00	100.00	238.53	125.33	5.52	444	1,063	20	4,215	36,035	1,057.10	-32,877.27
801+00(1)	80100.00	100.00	371.44	26.54	7.35	1,130	281	24	5,344	36,409	1,079.74	-32,144.39
802+00(1)	80200.00	100.00	210.23	6.65	14.41	1,077	61	40	6,421	36,491	1,118.02	-31,187.26
803+00(1)	80300.00	100.00	56.85	22.35	7.54	495	54	41	6,916	36,562	1,156.63	-30,802.69
804+00(1)	80400.00	100.00	31.66	41.90	7.46	164	119	28	7,080	36,720	1,183.02	-30,823.43
805+00(1)	80500.00	100.00	36.75	55.68	8.19	127	181	29	7,207	36,961	1,210.57	-30,964.65
806+00(1)	80600.00	100.00	82.43	39.59	27.98	221	176	67	7,427	37,195	1,274.21	-31,042.25
807+00(1)	80700.00	100.00	115.86	40.40	25.65	367	148	99	7,795	37,392	1,368.56	-30,966.43
808+00(1)	80800.00	100.00	108.13	39.32	19.74	415	148	84	8,209	37,589	1,448.41	-30,827.85
809+00(1)	80900.00	100.00	83.74	28.21	14.28	355	125	63	8,565	37,755	1,508.27	-30,698.73
810+00(1)	81000.00	100.00	79.12	24.94	12.63	302	98	50	8,866	37,886	1,555.62	-30,575.39
811+00(1)	81100.00	100.00	67.78	30.15	12.36	272	102	46	9,138	38,022	1,599.58	-30,482.98
812+00(1)	81200.00	100.00	35.12	43.56	5.20	191	136	33	9,329	38,203	1,630.46	-30,504.84
813+00(1)	81300.00	100.00	5.84	106.63	2.79	76	278	15	9,405	38,573	1,644.51	-30,812.97
814+00(1)	81400.00	100.00	13.31	32.85	2.27	35	258	9	9,440	38,917	1,653.42	-31,129.94
815+00(1)	81500.00	100.00	0.14	164.24	0.00	25	365	4	9,465	39,402	1,657.41	-31,594.46
816+00(1)	81600.00	100.00	2.91	225.22	0.00	6	721	0	9,471	40,361	1,657.41	-32,548.03
817+00(1)	81700.00	100.00	42.64	13.37	0.00	84	442	0	9,555	40,949	1,657.41	-33,051.29
818+00(1)	81800.00	100.00	91.32	4.29	0.00	248	33	0	9,803	40,992	1,657.41	-32,846.73
819+00(1)	81900.00	100.00	92.99	5.95	0.00	341	19	0	10,144	41,018	1,657.41	-32,530.65
820+00(1)	82000.00	100.00	102.64	12.39	0.00	362	34	0	10,507	41,063	1,657.41	-32,213.53
821+00(1)	82100.00	100.00	0.00	0.00	0.00	190	23	0	10,697	41,093	1,657.41	-32,053.97
822+00(1)	82200.00	100.00	138.55	12.69	0.00	257	23	0	10,953	41,125	1,657.41	-31,828.65
823+00(1)	82300.00	100.00	326.59	16.13	0.00	861	53	0	11,815	41,196	1,657.41	-31,038.26
824+00(1)	82400.00	100.00	456.19	14.89	0.00	1,450	57	0	13,264	41,272	1,657.41	-29,665.07
825+00(1)	82500.00	100.00	94.51	20.03	0.00	1,020	65	0	14,284	41,358	1,657.41	-28,731.27
826+00(1)	82600.00	100.00	15.27	60.75	0.00	203	150	0	14,487	41,557	1,657.41	-28,726.94
827+00(1)	82700.00	100.00	5.78	118.12	0.00	39	331	0	14,526	41,997	1,657.41	-29,128.53
828+00(1)	82800.00	100.00	25.61	98.65	0.00	58	401	0	14,584	42,531	1,657.41	-29,604.31
829+00(1)	82900.00	100.00	34.07	46.36	0.00	111	269	0	14,695	42,889	1,657.41	-29,850.94
830+00(1)	83000.00	100.00	18.39	41.02	0.00	97	162	0	14,792	43,104	1,657.41	-29,968.99
831+00(1)	83100.00	100.00	0.49	75.90	0.00	35	217	0	14,827	43,392	1,657.41	-30,221.99
				Subtotal		14,827	32,625	1,745				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	Fill	EBS	Incremental Vol (CY) (Unadjusted) Cut	Fill	EBS	Cumulative Vol (CY) Cut 1.00	Expanded Fill 1.33	Reduced EBS In Fill 0.95	Mass Ordinate
						Note 1	Note 3		Note 1		Note 7	Note 8
832+00(1)	83200.00	100.00	0.79	67.31	0.00	2	265	0	14,829	43,744	1,657.41	-30,572.36
833+00(1)	83300.00	100.00	0.43	75.66	0.00	2	265	0	14,832	44,097	1,657.41	-30,922.24
834+00(1)	83400.00	100.00	0.86	95.93	0.00	2	318	0	14,834	44,519	1,657.41	-31,342.46
835+00(1)	83500.00	100.00	5.35	96.42	0.00	12	356	0	14,846	44,993	1,657.41	-31,804.70
836+00(1)	83600.00	100.00	23.26	55.12	0.00	53	281	0	14,899	45,366	1,657.41	-32,124.97
837+00(1)	83700.00	100.00	26.16	44.13	0.00	92	184	0	14,990	45,611	1,657.41	-32,277.90
838+00(1)	83800.00	100.00	32.44	37.40	0.00	109	151	0	15,099	45,811	1,657.41	-32,370.19
839+00(1)	83900.00	100.00	92.67	0.00	0.00	232	69	0	15,330	45,904	1,657.41	-32,230.63
840+00(1)	84000.00	100.00	32.54	19.53	0.00	232	36	0	15,562	45,952	1,657.41	-32,046.86
841+00(1)	84100.00	100.00	7.30	55.67	0.00	74	139	0	15,636	46,137	1,657.41	-32,158.29
842+00(1)	84200.00	100.00	1.90	85.71	0.00	17	262	0	15,653	46,485	1,657.41	-32,489.47
843+00(1)	84300.00	100.00	3.89	107.17	0.00	11	357	0	15,664	46,960	1,657.41	-32,953.79
844+00(1)	84400.00	100.00	11.20	118.45	0.00	28	418	0	15,692	47,516	1,657.41	-33,481.53
845+00(1)	84500.00	100.00	8.91	200.13	0.00	37	590	0	15,729	48,300	1,657.41	-34,228.91
846+00(1)	84600.00	100.00	7.19	161.81	0.00	30	670	0	15,759	49,192	1,657.41	-35,090.55
846+06.94(1)	84606.94	6.94	6.95	157.51	0.00	2	41	0	15,761	49,246	1,657.41	-35,143.29
849+35.02(1)	84935.02	328.08	23.67	134.43	0.00	186	1,774	0	15,947	51,605	1,657.41	-37,316.30
850+00(1)	85000.00	64.98	51.52	12.46	0.00	90	177	0	16,037	51,841	1,657.41	-37,460.92
851+00(1)	85100.00	100.00	51.95	76.95	0.00	192	166	0	16,229	52,061	1,657.41	-37,489.52
852+00(1)	85200.00	100.00	33.12	138.85	0.00	158	400	0	16,386	52,592	1,657.41	-37,863.48
853+00(1)	85300.00	100.00	8.16	236.78	0.00	76	696	0	16,463	53,517	1,657.41	-38,712.20
854+00(1)	85400.00	100.00	4.23	221.38	0.00	23	848	0	16,486	54,646	1,657.41	-39,817.69
855+00(1)	85500.00	100.00	19.47	109.76	0.00	44	613	0	16,530	55,462	1,657.41	-40,589.39
856+00(1)	85600.00	100.00	31.19	25.58	0.00	94	251	0	16,623	55,795	1,657.41	-40,828.91
857+00(1)	85700.00	100.00	41.46	12.56	0.00	135	71	0	16,758	55,889	1,657.41	-40,788.31
858+00(1)	85800.00	100.00	19.08	81.70	0.00	112	175	0	16,870	56,121	1,657.41	-40,908.34
859+00(1)	85900.00	100.00	40.59	83.62	0.00	110	306	0	16,980	56,528	1,657.41	-41,205.01
860+00(1)	86000.00	100.00	23.13	76.75	0.00	118	297	0	17,098	56,923	1,657.41	-41,481.99
861+00(1)	86100.00	100.00	34.33	63.12	0.00	106	259	0	17,205	57,268	1,657.41	-41,720.08
862+00(1)	86200.00	100.00	13.19	139.00	0.00	88	374	0	17,293	57,765	1,657.41	-42,129.89
863+00(1)	86300.00	100.00	33.16	132.54	0.00	86	503	0	17,379	58,434	1,657.41	-42,712.86
864+00(1)	86400.00	100.00	26.10	52.25	0.00	110	342	0	17,488	58,889	1,657.41	-43,058.26
865+00(1)	86500.00	100.00	163.60	0.38	0.00	351	97	0	17,840	59,019	1,657.41	-42,836.59
866+00(1)	86600.00	100.00	99.24	0.00	0.00	487	1	0	18,326	59,020	1,657.41	-42,350.80
867+00(1)	86700.00	100.00	38.39	14.76	0.00	255	27	0	18,581	59,056	1,657.41	-42,132.29
868+00(1)	86800.00	100.00	72.04	14.00	0.00	204	53	0	18,786	59,127	1,657.41	-41,998.64
869+00(1)	86900.00	100.00	35.30	25.92	0.00	199	74	0	18,985	59,225	1,657.41	-41,898.19
870+00(1)	87000.00	100.00	42.18	12.03	0.00	143	70	0	19,128	59,319	1,657.41	-41,848.19
871+00(1)	87100.00	100.00	63.93	6.78	0.00	197	35	0	19,325	59,365	1,657.41	-41,698.03
872+00(1)	87200.00	100.00	81.76	3.02	0.00	270	18	0	19,594	59,389	1,657.41	-41,452.37
873+00(1)	87300.00	100.00	85.66	7.01	0.00	310	19	0	19,904	59,414	1,657.41	-41,167.05
874+00(1)	87400.00	100.00	64.34	20.14	0.00	278	50	0	20,182	59,481	1,657.41	-40,956.14
875+00(1)	87500.00	100.00	52.46	24.52	0.00	216	83	0	20,399	59,591	1,657.41	-40,849.86
876+00(1)	87600.00	100.00	41.77	23.71	0.00	174	89	0	20,573	59,710	1,657.41	-40,794.17
877+00(1)	87700.00	100.00	130.13	6.02	0.00	318	55	0	20,891	59,783	1,657.41	-40,549.09
				Subtotal		6,064	12,324	0				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95 Note 7	Mass Ordinate Note 8
878+00(1)	87800.00	100.00	102.20	26.72	0.00	430	61	0	21,322	59,864	1,657.41	-40,199.51
879+00(1)	87900.00	100.00	67.96	35.40	0.00	315	115	0	21,637	60,017	1,657.41	-40,037.41
880+00(1)	88000.00	100.00	55.54	33.97	0.00	229	128	0	21,865	60,188	1,657.41	-39,979.57
881+00(1)	88100.00	100.00	47.90	33.64	0.00	192	125	0	22,057	60,354	1,657.41	-39,954.55
882+00(1)	88200.00	100.00	42.39	36.65	0.00	167	130	0	22,224	60,527	1,657.41	-39,960.47
883+00(1)	88300.00	100.00	29.06	45.02	0.00	132	151	0	22,356	60,728	1,657.41	-40,029.30
884+00(1)	88400.00	100.00	46.51	76.51	0.00	140	225	0	22,496	61,028	1,657.41	-40,188.67
885+00(1)	88500.00	100.00	61.44	19.14	0.00	200	177	0	22,696	61,263	1,657.41	-40,224.34
886+00(1)	88600.00	100.00	58.31	146.06	0.00	222	306	0	22,918	61,670	1,657.41	-40,409.47
887+00(1)	88700.00	100.00	216.49	0.00	0.00	509	270	0	23,427	62,030	1,657.41	-40,260.33
888+00(1)	88800.00	100.00	43.28	231.80	0.00	481	429	0	23,908	62,601	1,657.41	-40,350.20
889+00(1)	88900.00	100.00	39.01	256.73	0.00	152	905	0	24,060	63,804	1,657.41	-41,401.05
890+00(1)	89000.00	100.00	42.81	248.11	0.00	152	935	0	24,212	65,047	1,657.41	-42,492.92
891+00(1)	89100.00	100.00	7.93	272.42	0.00	94	964	0	24,306	66,329	1,657.41	-43,681.00
892+00(1)	89200.00	100.00	23.76	209.36	0.00	59	892	0	24,365	67,516	1,657.41	-44,808.94
893+00(1)	89300.00	100.00	31.31	161.97	0.00	102	688	0	24,467	68,431	1,657.41	-45,621.53
894+00(1)	89400.00	100.00	22.75	138.65	0.00	100	557	0	24,567	69,171	1,657.41	-46,261.83
895+00(1)	89500.00	100.00	11.99	143.62	0.00	64	523	0	24,631	69,866	1,657.41	-46,892.73
896+00(1)	89600.00	100.00	17.91	150.92	0.00	55	545	0	24,686	70,592	1,657.41	-47,562.79
897+00(1)	89700.00	100.00	15.68	167.34	0.00	62	589	0	24,749	71,376	1,657.41	-48,284.46
898+00(1)	89800.00	100.00	31.09	203.11	0.00	87	686	0	24,835	72,288	1,657.41	-49,110.27
899+00(1)	89900.00	100.00	10.14	300.33	0.00	76	932	0	24,911	73,528	1,657.41	-50,273.88
900+00(1)	90000.00	100.00	25.21	347.24	0.00	65	1,199	0	24,977	75,123	1,657.41	-51,803.36
901+00(1)	90100.00	100.00	24.19	464.10	0.00	91	1,502	0	25,068	77,121	1,657.41	-53,710.19
902+00(1)	90200.00	100.00	31.63	474.41	0.00	103	1,738	0	25,172	79,433	1,657.41	-55,918.34
903+00(1)	90300.00	100.00	49.23	562.47	0.00	150	1,920	0	25,322	81,987	1,657.41	-58,322.40
903+82.4(1)	90382.40	82.40	27.66	772.63	0.00	117	2,037	0	25,439	84,696	1,657.41	-60,914.74
905+68.8(1)	90568.80	186.39	64.04	640.27	0.00	317	4,877	0	25,755	91,182	1,657.41	-67,084.50
906+00(1)	90600.00	31.20	70.79	769.80	0.00	78	815	0	25,833	92,266	1,657.41	-68,090.27
907+00(1)	90700.00	100.00	14.50	565.69	0.00	158	2,473	0	25,991	95,555	1,657.41	-71,221.59
908+00(1)	90800.00	100.00	0.00	462.08	0.00	27	1,903	0	26,018	98,087	1,657.41	-73,726.09
909+00(2)	90870.46	70.46	0.41	448.94	0.00	1	1,189	0	26,019	99,668	1,657.41	-75,306.60
910+00(2)	90970.46	100.00	16.84	344.19	0.00	32	1,469	0	26,051	101,621	1,657.41	-77,228.10
911+00(2)	91070.46	100.00	445.31	0.00	0.00	856	637	0	26,906	102,469	1,657.41	-77,219.99
912+00(2)	91170.46	100.00	188.39	11.42	0.00	1,174	21	0	28,080	102,497	1,657.41	-76,074.59
913+00(2)	91270.46	100.00	152.87	8.31	0.00	632	37	0	28,712	102,546	1,657.41	-75,491.21
914+00(2)	91370.46	100.00	337.38	15.31	0.00	908	44	0	29,620	102,604	1,657.41	-74,641.49
915+00(2)	91470.46	100.00	1350.28	6.81	0.00	3,125	41	0	32,745	102,658	1,657.41	-71,570.67
916+00(2)	91570.46	100.00	1353.55	6.24	0.00	5,007	24	0	37,752	102,690	1,657.41	-66,595.71
917+00(2)	91670.46	100.00	1101.02	5.02	0.00	4,546	21	0	42,298	102,718	1,657.41	-62,077.94
918+00(2)	91770.46	100.00	996.42	7.80	0.00	3,884	24	0	46,182	102,750	1,657.41	-58,225.39
919+00(2)	91870.46	100.00	629.13	27.79	0.00	3,010	66	0	49,192	102,838	1,657.41	-55,302.78
920+00(2)	91970.46	100.00	191.43	66.89	0.00	1,520	175	0	50,712	103,071	1,657.41	-54,016.43
921+00(2)	92070.46	100.00	20.68	114.56	0.00	393	336	0	51,104	103,518	1,657.41	-54,070.52
922+00(2)	92170.46	100.00	11.47	165.70	0.00	60	519	0	51,164	104,208	1,657.41	-54,701.25
				Subtotal		30,273	33,402	0				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95 Note 7	Mass Ordinate Note 8
923+00(2)	92270.46	100.00	17.67	227.92	0.00	54	729	0	51,218	105,177	1,657.41	-55,616.77
924+00(2)	92370.46	100.00	35.64	108.28	0.00	99	623	0	51,317	106,005	1,657.41	-56,346.11
925+00(2)	92470.46	100.00	64.45	35.21	0.00	185	266	0	51,502	106,359	1,657.41	-56,514.19
926+00(2)	92570.46	100.00	68.34	19.47	0.00	246	101	0	51,748	106,494	1,657.41	-56,402.97
927+00(2)	92670.46	100.00	56.52	23.92	0.00	231	80	0	51,979	106,600	1,657.41	-56,278.61
928+00(2)	92770.46	100.00	69.40	9.09	0.00	233	61	0	52,212	106,682	1,657.41	-56,126.71
929+00(2)	92870.46	100.00	190.05	4.34	0.00	480	25	0	52,693	106,715	1,657.41	-55,679.31
930+00(2)	92970.46	100.00	493.13	5.85	0.00	1,265	19	0	53,958	106,740	1,657.41	-54,439.27
931+00(2)	93070.46	100.00	396.22	5.53	0.00	1,647	21	0	55,605	106,768	1,657.41	-52,820.36
932+00(2)	93170.46	100.00	308.50	32.30	0.00	1,305	70	0	56,910	106,861	1,657.41	-51,608.49
932+04.76(2)	93175.23	4.76	283.60	43.63	0.00	52	7	0	56,962	106,870	1,657.41	-51,565.19
933+85.38(2)	93355.85	180.62	285.62	1.04	0.00	1,904	149	0	58,866	107,069	1,657.41	-49,860.00
935+00(2)	93470.46	114.62	326.72	13.40	0.00	1,300	31	0	60,166	107,109	1,657.41	-48,601.03
936+00(2)	93570.46	100.00	309.66	17.88	0.00	1,178	58	0	61,344	107,187	1,657.41	-47,499.57
937+00(2)	93670.46	100.00	84.67	20.13	0.00	730	70	0	62,075	107,280	1,657.41	-46,862.96
938+00(2)	93770.46	100.00	17.99	128.66	0.00	190	276	0	62,265	107,647	1,657.41	-47,039.31
939+00(2)	93870.46	100.00	47.70	111.87	0.00	122	445	0	62,386	108,239	1,657.41	-47,510.06
940+00(2)	93970.46	100.00	13.58	210.41	0.00	113	597	0	62,500	109,033	1,657.41	-48,190.34
941+00(2)	94070.46	100.00	14.92	249.28	0.00	53	851	0	62,553	110,165	1,657.41	-49,269.75
942+00(2)	94170.46	100.00	28.44	269.71	0.00	80	961	0	62,633	111,443	1,657.41	-50,467.70
943+00(2)	94270.46	100.00	39.68	450.80	0.00	126	1,334	0	62,759	113,218	1,657.41	-52,116.14
944+00(2)	94370.46	100.00	49.52	605.53	0.00	165	1,956	0	62,924	115,819	1,657.41	-54,552.67
945+00(2)	94470.46	100.00	14.97	880.68	0.00	119	2,752	0	63,044	119,480	1,657.41	-58,093.71
946+00(2)	94570.46	100.00	19.89	882.19	0.00	65	3,265	0	63,108	123,822	1,657.41	-62,371.04
947+00(2)	94670.46	100.00	4.59	1141.78	0.00	45	3,748	0	63,154	128,807	1,657.41	-67,310.69
948+00(2)	94770.46	100.00	20.43	888.66	0.00	46	3,760	0	63,200	133,808	1,657.41	-72,265.28
949+00(2)	94870.46	100.00	13.78	586.48	0.00	63	2,732	0	63,263	137,441	1,657.41	-75,835.15
950+00(2)	94970.46	100.00	17.35	356.60	0.00	58	1,746	0	63,321	139,764	1,657.41	-78,100.27
951+00(2)	95070.46	100.00	19.34	224.04	0.00	68	1,075	0	63,389	141,194	1,657.41	-79,462.42
952+00(2)	95170.46	100.00	207.19	74.32	0.00	420	553	0	63,808	141,929	1,657.41	-79,777.74
953+00(2)	95270.46	100.00	87.60	124.63	0.00	546	368	0	64,354	142,419	1,657.41	-79,721.82
954+00(2)	95370.46	100.00	43.01	190.98	0.00	242	584	0	64,596	143,196	1,657.41	-80,257.29
955+00(2)	95470.46	100.00	8.71	302.22	0.00	96	913	0	64,692	144,411	1,657.41	-81,376.24
956+00(2)	95570.46	100.00	2.35	437.97	0.00	20	1,371	0	64,712	146,234	1,657.41	-83,178.82
957+00(2)	95670.46	100.00	0.00	371.20	0.00	4	1,498	0	64,717	148,227	1,657.41	-85,167.44
958+00(2)	95770.46	100.00	0.00	198.96	0.00	0	1,056	0	64,717	149,631	1,657.41	-86,571.72
959+00(2)	95870.46	100.00	0.00	184.98	0.00	0	711	0	64,717	150,577	1,657.41	-87,517.35
960+00(2)	95970.46	100.00	0.00	196.35	0.00	0	706	0	64,717	151,516	1,657.41	-88,456.55
961+00(2)	96070.46	100.00	0.00	203.15	0.00	0	740	0	64,717	152,500	1,657.41	-89,440.49
962+00(2)	96170.46	100.00	0.00	205.94	0.00	0	758	0	64,717	153,507	1,657.41	-90,448.06
963+00(2)	96270.46	100.00	0.00	246.23	0.00	0	837	0	64,717	154,621	1,657.41	-91,561.73
964+00(2)	96370.46	100.00	0.00	235.60	0.00	0	892	0	64,717	155,808	1,657.41	-92,748.46
965+00(2)	96470.46	100.00	0.00	235.18	0.00	0	872	0	64,717	156,967	1,657.41	-93,907.96
966+00(2)	96570.46	100.00	0.00	243.28	0.00	0	886	0	64,717	158,146	1,657.41	-95,086.37
967+00(2)	96670.46	100.00	6.58	24.50	0.00	12	496	0	64,729	158,805	1,657.41	-95,733.72
				Subtotal		13,565	41,051	0				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut	Cumulative Vol (CY) Expanded Fill	Cumulative Vol (CY) Reduced EBS In Fill	Mass Ordinate
									1.00	1.33	0.95	
						Note 1	Note 3		Note 1		Note 7	Note 8
968+00(2)	96770.46	100.00	0.00	252.85	0.00	12	514	0	64,741	159,488	1,657.41	-96,404.66
969+00(2)	96870.46	100.00	0.00	235.64	0.00	0	905	0	64,741	160,691	1,657.41	-97,607.81
970+00(2)	96970.46	100.00	0.00	211.62	0.00	0	828	0	64,741	161,793	1,657.41	-98,709.39
971+00(2)	97070.46	100.00	0.00	197.45	0.00	0	758	0	64,741	162,801	1,657.41	-99,716.90
972+00(2)	97170.46	100.00	0.00	196.43	0.00	0	729	0	64,741	163,771	1,657.41	-100,687.00
973+00(2)	97270.46	100.00	0.07	195.56	0.00	0	726	0	64,741	164,736	1,657.41	-101,652.32
974+00(2)	97370.46	100.00	0.00	173.15	0.00	0	683	0	64,741	165,644	1,657.41	-102,560.31
975+00(2)	97470.46	100.00	0.00	165.05	0.00	0	626	0	64,741	166,477	1,657.41	-103,393.29
976+00(2)	97570.46	100.00	0.00	159.56	0.00	0	601	0	64,741	167,277	1,657.41	-104,192.79
977+00(2)	97670.46	100.00	97.10	0.00	0.00	180	295	0	64,921	167,670	1,657.41	-104,405.95
978+00(2)	97770.46	100.00	24.57	60.65	0.00	225	112	0	65,146	167,819	1,657.41	-104,330.03
979+00(2)	97870.46	100.00	3.30	194.13	0.00	52	472	0	65,198	168,447	1,657.41	-104,905.93
980+00(2)	97970.46	100.00	40.40	357.22	0.00	81	1,021	0	65,279	169,805	1,657.41	-106,182.94
981+00(2)	98070.46	100.00	39.29	512.32	0.00	148	1,610	0	65,427	171,946	1,657.41	-108,177.01
982+00(2)	98170.46	100.00	1.55	539.06	0.00	76	1,947	0	65,502	174,536	1,657.41	-110,690.91
983+00(2)	98270.46	100.00	1.15	279.17	0.00	5	1,515	0	65,507	176,551	1,657.41	-112,701.20
984+00(2)	98370.46	100.00	1.31	137.61	0.00	5	772	0	65,512	177,578	1,657.41	-113,723.16
985+00(2)	98470.46	100.00	94.86	52.05	0.00	178	351	0	65,690	178,045	1,657.41	-114,012.17
986+00(2)	98570.46	100.00	636.44	23.13	0.00	1,354	139	0	67,044	178,230	1,657.41	-112,843.06
987+00(2)	98670.46	100.00	1121.58	10.58	0.00	3,256	62	0	70,300	178,313	1,657.41	-109,670.49
988+00(2)	98770.46	100.00	1128.74	1.85	0.00	4,167	23	0	74,467	178,343	1,657.41	-105,533.85
989+00(2)	98870.46	100.00	990.85	0.00	0.00	3,925	3	0	78,392	178,348	1,657.41	-101,613.25
990+00(2)	98970.46	100.00	794.76	0.00	0.00	3,307	0	0	81,699	178,348	1,657.41	-98,306.55
991+00(2)	99070.46	100.00	347.89	0.00	0.00	2,116	0	0	83,815	178,348	1,657.41	-96,190.53
992+00(2)	99170.46	100.00	98.71	241.05	0.00	827	446	0	84,642	178,942	1,657.41	-95,957.18
993+00(2)	99270.46	100.00	59.25	503.04	0.00	293	1,378	0	84,934	180,774	1,657.41	-97,497.32
994+00(2)	99370.46	100.00	23.42	712.65	0.00	153	2,251	0	85,088	183,769	1,657.41	-100,338.41
995+00(2)	99470.46	100.00	2.99	817.18	0.00	49	2,833	0	85,136	187,536	1,657.41	-104,057.39
996+00(2)	99570.46	100.00	2.78	590.89	0.00	11	2,608	0	85,147	191,004	1,657.41	-107,514.72
997+00(2)	99670.46	100.00	12.20	393.73	0.00	28	1,823	0	85,175	193,430	1,657.41	-109,912.05
997+51.74(2)	99722.21	51.74	14.01	193.95	0.00	25	563	0	85,200	194,179	1,657.41	-110,635.89
				Subtotal		20,471	26,596	0				
				Total		**85,200**	**145,999**	**1,745**				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

Chickadee Rd

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95	Mass Ordinate
						Note 1	Note 3		Note 1		Note 7	Note 8
45+89	4589.00	0.00	4.36	0.06	0.00	0	0	0	0	0	0.00	0.00
46+00	4600.00	11.00	4.18	0.07	0.00	2	0	0	2	0	0.00	1.71
46+50	4650.00	50.00	2.76	1.40	0.00	6	1	0	8	2	0.00	6.32
47+00	4700.00	50.00	0.39	6.11	0.00	3	7	0	11	11	0.00	-0.02
47+50	4750.00	50.00	0.00	20.87	0.00	0	25	0	11	44	0.00	-32.89
48+00	4800.00	50.00	0.00	75.68	0.00	0	89	0	11	163	0.00	-151.79
48+50	4850.00	50.00	6.05	169.87	0.00	6	227	0	17	466	0.00	-448.57
49+00	4900.00	50.00	22.48	271.60	0.00	26	409	0	43	1,009	0.00	-965.80
49+10.81	4910.81	10.81	32.13	298.28	0.00	11	114	0	54	1,161	0.00	-1,106.65
49+20.83	4920.83	10.01	30.52	155.95	0.00	12	84	0	66	1,273	0.00	-1,207.06
				TOTAL		66	957	0				

CTH U

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95	Mass Ordinate
						Note 1	Note 3		Note 1		Note 7	Note 8
47+00	4700.00	0.00	64.92	0.00	0.00	0	0	0	0	0	0.00	0.00
47+24.23	4724.23	24.23	84.53	0.42	0.00	67	0	0	67	0	0.00	66.81
47+50	4750.00	25.77	14.56	534.56	0.00	47	255	0	114	340	0.00	-225.45
47+76.54	4776.54	26.54	75.91	394.85	0.00	44	457	0	159	947	0.00	-788.53
48+00	4800.00	23.46	81.79	506.26	0.00	69	391	0	227	1,468	0.00	-1,240.68
48+04.14	4804.14	4.14	74.64	510.10	0.00	12	78	0	239	1,572	0.00	-1,332.27
48+26.06	4826.06	21.92	30.45	216.11	0.00	43	295	0	282	1,964	0.00	-1,681.74
48+37.33	4837.33	11.27	19.88	128.43	0.00	10	72	0	292	2,059	0.00	-1,766.84
				TOTAL		292	1,548	0				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

Sunrise Rd

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95 Note 7	Mass Ordinate Note 8
51+37.32	5137.32	0.00	0.00	643.43	0.00	0	0	0	0	0	0.00	0.00
51+50	5150.00	12.68	50.17	619.98	0.00	12	297	0	12	395	0.00	-382.75
52+00	5200.00	50.00	96.25	432.12	0.00	136	974	0	147	1,690	0.00	-1,542.82
52+50	5250.00	50.00	197.56	185.27	0.00	272	572	0	419	2,450	0.00	-2,031.07
53+00	5300.00	50.00	179.69	99.50	0.00	349	264	0	769	2,801	0.00	-2,032.46
53+50	5350.00	50.00	83.68	77.60	0.00	244	164	0	1,013	3,019	0.00	-2,006.70
54+00	5400.00	50.00	19.72	47.86	0.00	96	116	0	1,108	3,174	0.00	-2,065.48
54+50	5450.00	50.00	16.53	4.43	0.00	34	48	0	1,142	3,238	0.00	-2,096.31
54+92.09	5492.09	42.09	14.58	0.03	0.00	24	3	0	1,166	3,243	0.00	-2,076.69
				TOTAL		**1,166**	**2,438**	**0**				

Spring Valley Rd

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95 Note 7	Mass Ordinate Note 8
46+45.41	4645.41	0.00	4.46	49.89	0.00	0	0	0	0	0	0.00	0.00
46+76.2	4676.20	30.79	5.69	210.87	0.00	6	149	0	6	198	0.00	-191.96
47+00	4700.00	23.80	165.63	0.48	0.00	76	93	0	81	322	0.00	-240.34
47+25	4725.00	25.00	37.84	323.80	0.00	94	150	0	176	521	0.00	-345.81
47+50	4750.00	25.00	8.65	870.24	0.00	22	553	0	197	1,257	0.00	-1,059.51
47+66.22	4766.22	16.22	7.86	687.98	0.00	5	468	0	202	1,879	0.00	-1,677.09
48+00	4800.00	33.78	13.90	280.21	0.00	14	606	0	216	2,685	0.00	-2,468.98
48+40.42	4840.42	40.42	12.98	167.39	0.00	20	335	0	236	3,130	0.00	-2,894.50
48+54.49	4854.49	14.06	13.50	15.89	0.00	7	48	0	243	3,194	0.00	-2,951.09
				TOTAL		**243**	**2,401**	**0**				

Scenic View South

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) Rock Exc	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95 Note 7	Mass Ordinate Note 8
47+13.61	4713.61	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0.00	0.00
47+50	4750.00	36.39	3.42	30.27	0.00	0.00	2	20	0	2	27	0.00	-24.82
48+00	4800.00	50.00	17.30	89.88	0.00	0.00	19	111	0	21	175	0.00	-153.59
48+50	4850.00	50.00	197.01	0.09	0.00	0.00	198	83	0	220	286	0.00	-65.94
48+91.65	4891.65	41.65	186.32	11.09	0.00	0.00	296	9	0	516	297	0.00	218.23
				TOTAL			**516**	**224**	**0**				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

Scenic View North

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95 Note 7	Mass Ordinate Note 8
51+53.92	5153.92	0.00	237.11	0.00	121.54	0	0	0	0	0	0.00	0.00
52+00	5200.00	46.08	126.94	0.00	0.00	311	0	104	311	0	98.54	212.14
52+50	5250.00	50.00	119.33	0.00	0.00	228	0	0	539	0	98.54	440.17
52+71.54	5271.54	21.54	120.82	0.00	0.00	96	0	0	634	0	98.54	535.95
				TOTAL		**634**	**0**	**104**				

CTH T North

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95 Note 7	Mass Ordinate Note 8
51+43.96	5143.96	0.00	33.94	13.52	0.00	0	0	0	0	0	0.00	0.00
51+56.24	5156.24	12.28	139.36	20.49	0.00	39	8	0	39	10	0.00	29.13
51+82.86	5182.86	26.62	100.77	5.50	0.00	118	13	0	158	27	0.00	130.48
52+00	5200.00	17.14	91.67	4.03	0.00	61	3	0	219	31	0.00	187.52
52+50	5250.00	50.00	118.77	0.67	0.00	195	4	0	414	37	0.00	376.59
53+00	5300.00	50.00	127.65	3.21	0.00	228	4	0	642	42	0.00	599.98
				TOTAL		**642**	**32**	**0**				

CTH T South (Plank Rd)

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) Marsh Ex	AREA (SF) Rock Exc	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95 Note 7	Mass Ordinate Note 8
48+00	4800.00	0.00	48.95	0.00	0.00	0.00	0.00	0	0	0	0	0	0.00	0.00
48+34.67	4834.67	34.67	49.56	0.00	0.00	0.00	0.00	63	0	0	63	0	0.00	63.24
48+72.13	4872.13	37.46	97.67	0.82	0.00	0.00	0.00	102	1	0	165	1	0.00	164.62
49+02.79	4902.79	30.67	111.58	0.22	0.00	0.00	0.00	119	1	0	284	2	0.00	282.66
49+09.52	4909.52	6.72	108.22	0.00	0.00	0.00	0.00	27	0	0	312	2	0.00	310.00
49+15.74	4915.74	6.22	93.47	0.00	0.00	0.00	0.00	23	0	0	335	2	0.00	333.25
				TOTAL				**335**	**1**	**0**				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

Sugarbush North

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95 Note 7	Mass Ordinate Note 8
51+52.62	5152.62	0.00	3.16	24.47	48.65	0	0	0	0	0	0.00	0.00
51+74.63	5174.63	22.00	51.77	22.64	83.16	22	19	54	22	26	51.03	-54.17
51+85.21	5185.21	10.59	12.89	15.79	18.05	13	8	20	35	36	69.88	-70.36
52+16.85	5216.85	31.63	16.95	5.94	0.00	17	13	11	53	52	79.92	-79.85
52+43.5	5243.50	26.65	14.71	6.77	0.00	16	6	0	68	61	79.92	-72.57
				TOTAL		**68**	**46**	**84**				

CTH A North

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95 Note 7	Mass Ordinate Note 8
51+44.03	5144.03	0.00	29.07	228.31	0.00	0	0	0	0	0	0.00	0.00
51+95.15	5195.15	51.12	12.65	616.70	0.00	39	800	0	39	1,064	0.00	-1,024.37
52+00	5200.00	4.85	8.65	637.52	0.00	2	113	0	41	1,214	0.00	-1,172.28
52+50	5250.00	50.00	6.45	571.51	0.00	14	1,119	0	55	2,703	0.00	-2,647.19
53+00	5300.00	50.00	3.85	415.31	0.00	10	914	0	65	3,918	0.00	-3,852.91
53+50	5350.00	50.00	7.82	304.27	0.00	11	666	0	76	4,804	0.00	-4,728.25
54+00	5400.00	50.00	29.29	239.13	0.00	34	503	0	110	5,473	0.00	-5,363.08
54+50	5450.00	50.00	31.86	179.82	0.00	57	388	0	167	5,989	0.00	-5,822.38
55+00	5500.00	50.00	23.71	141.70	0.00	51	298	0	218	6,385	0.00	-6,166.87
55+50	5550.00	50.00	12.61	112.02	0.00	34	235	0	252	6,697	0.00	-6,445.69
56+00	5600.00	50.00	14.28	73.63	0.00	25	172	0	277	6,926	0.00	-6,649.42
56+50	5650.00	50.00	11.23	32.04	0.00	24	98	0	300	7,056	0.00	-6,755.93
57+00	5700.00	50.00	10.98	8.16	0.00	21	37	0	321	7,106	0.00	-6,784.88
57+50	5750.00	50.00	13.22	0.00	0.00	22	8	0	343	7,116	0.00	-6,772.53
58+00	5800.00	50.00	9.44	0.67	0.00	21	1	0	364	7,117	0.00	-6,752.37
58+50	5850.00	50.00	9.40	0.04	0.00	17	1	0	382	7,117	0.00	-6,735.79
59+00	5900.00	50.00	14.87	0.00	0.00	22	0	0	404	7,118	0.00	-6,713.38
59+12.5	5912.50	12.50	16.71	0.04	0.00	7	0	0	411	7,118	0.00	-6,706.08
				TOTAL		**411**	**5,352**	**0**				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

Castle Rock Ct

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95	Mass Ordinate
						Note 1	Note 3		Note 1		Note 7	Note 8
50+75.53	5075.53	0.00	6.59	3.21	0.00	0	0	0	0	0	0.00	0.00
50+89.24	5089.24	13.71	9.90	0.83	0.00	4	1	0	4	1	0.00	2.82
51+07.72	5107.72	18.48	13.27	0.00	0.00	8	0	0	12	2	0.00	10.38
51+18.93	5118.93	11.21	17.01	0.00	0.00	6	0	0	18	2	0.00	16.66
51+39	5139.00	20.07	27.92	0.00	0.00	17	0	0	35	2	0.00	33.36
				TOTAL		**35**	**1**	**0**				

Julie Ct Cul du Sac

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95	Mass Ordinate
						Note 1	Note 3		Note 1		Note 7	Note 8
12+64.15	1264.15	0.00	75.00	3.28	0.00	0	0	0	0	0	0.00	0.00
13+00	1300.00	35.85	43.47	83.50	0.00	79	58	0	79	77	0.00	2.02
13+41.98	1341.98	41.98	46.23	35.18	0.00	70	92	0	148	199	0.00	-50.95
13+55.85	1355.85	13.87	160.16	6.48	0.00	53	11	0	201	214	0.00	-12.16
13+84.19	1384.19	28.34	165.58	24.98	0.00	171	17	0	372	236	0.00	136.86
14+21.29	1421.29	37.10	295.66	16.53	0.00	317	29	0	689	273	0.00	415.81
14+50.22	1450.22	28.92	66.18	24.95	0.00	194	22	0	883	303	0.00	580.08
				TOTAL		**883**	**228**	**0**				

Ridge Cul du Sac

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95	Mass Ordinate
						Note 1	Note 3		Note 1		Note 7	Note 8
51+02.65	5102.65	0.00	40.32	69.38	0.00	0	0	0	0	0	0.00	0.00
51+17.89	5117.89	15.24	30.21	165.03	0.00	20	66	0	20	88	0.00	-68.06
51+38.41	5138.41	20.52	29.83	380.26	0.00	23	207	0	43	364	0.00	-320.82
51+52.3	5152.30	13.90	30.24	457.47	0.00	15	216	0	58	650	0.00	-592.08
52+00	5200.00	47.70	30.87	272.63	0.00	54	645	0	112	1,508	0.00	-1,395.78
52+35.46	5235.46	35.46	29.95	44.57	0.00	40	208	0	152	1,785	0.00	-1,632.86
				TOTAL		**152**	**1,342**	**0**				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

CTH S North

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95	Mass Ordinate
						Note 1	Note 3		Note 1		Note 7	Note 8
51+32.41	5132.41	0.00	22.34	195.43	0.00	0	0	0	0	0	0.00	0.00
51+64.17	5164.17	31.75	6.50	205.41	0.00	17	236	0	17	313	0.00	-296.52
51+98.33	5198.33	34.17	0.17	72.98	0.00	4	176	0	21	548	0.00	-526.60
52+38.25	5238.25	39.91	2.69	24.52	0.00	2	72	0	23	644	0.00	-620.33
52+75	5275.00	36.75	12.22	9.21	0.00	10	23	0	33	674	0.00	-640.72
53+00	5300.00	25.00	14.02	4.99	0.00	12	7	0	46	683	0.00	-637.31
53+19.64	5319.64	19.64	10.10	5.37	0.00	9	4	0	54	688	0.00	-633.55
				TOTAL		54	517	0				

Twinkle Ln

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95	Mass Ordinate
						Note 1	Note 3		Note 1		Note 7	Note 8
06+00	600.00	0.00	38.67	0.00	0.00	0	0	0	0	0	0.00	0.00
06+50	650.00	50.00	81.31	0.00	0.00	111	0	0	111	0	0.00	111.09
07+00	700.00	50.00	78.05	0.00	0.00	148	0	0	259	0	0.00	258.64
07+50	750.00	50.00	256.57	11.87	0.00	310	11	0	568	15	0.00	553.85
08+00	800.00	50.00	250.07	10.27	0.00	469	20	0	1,038	42	0.00	995.70
08+50	850.00	50.00	23.33	13.21	0.00	253	22	0	1,291	71	0.00	1,219.94
09+00	900.00	50.00	31.19	19.39	0.00	50	30	0	1,341	111	0.00	1,230.27
09+50	950.00	50.00	48.56	6.98	0.00	74	24	0	1,415	143	0.00	1,271.65
10+00	1000.00	50.00	59.73	1.40	0.00	100	8	0	1,515	154	0.00	1,361.60
10+50	1050.00	50.00	86.39	0.00	0.00	135	1	0	1,651	155	0.00	1,495.18
11+00	1100.00	50.00	159.55	0.00	0.00	228	0	0	1,878	155	0.00	1,722.91
11+50	1150.00	50.00	250.33	0.00	0.00	380	0	0	2,258	155	0.00	2,102.42
12+00	1200.00	50.00	298.42	0.00	0.00	508	0	0	2,766	155	0.00	2,610.52
12+50	1250.00	50.00	462.95	0.00	0.00	705	0	0	3,471	155	0.00	3,315.48
13+00	1300.00	50.00	699.34	0.00	0.00	1,076	0	0	4,547	155	0.00	4,391.68
13+50	1350.00	50.00	502.49	0.00	0.00	1,113	0	0	5,660	155	0.00	5,504.49
14+00	1400.00	50.00	180.27	0.00	0.00	632	0	0	6,292	155	0.00	6,136.68
14+50	1450.00	50.00	50.64	57.11	0.00	214	53	0	6,506	226	0.00	6,280.16
15+00	1500.00	50.00	66.61	50.70	0.00	109	100	0	6,615	359	0.00	6,255.96
15+50	1550.00	50.00	165.83	74.47	0.00	215	116	0	6,830	513	0.00	6,317.05
16+00	1600.00	50.00	186.04	69.22	0.00	326	133	0	7,156	690	0.00	6,465.90
16+50	1650.00	50.00	60.29	135.22	0.00	228	189	0	7,384	941	0.00	6,442.21
17+00	1700.00	50.00	82.25	0.00	0.00	132	125	0	7,516	1,108	0.00	6,407.67
17+50	1750.00	50.00	66.36	0.00	0.00	138	0	0	7,653	1,108	0.00	6,545.28
18+00	1800.00	50.00	31.80	0.02	0.00	91	0	0	7,744	1,108	0.00	6,636.14
18+18.76	1818.76	18.76	30.65	0.20	0.00	22	0	0	7,766	1,108	0.00	6,657.73
				TOTAL		7,766	833	0				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

Sandstone Ln

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.33	Cumulative Vol (CY) Reduced EBS In Fill 0.95 Note 7	Mass Ordinate Note 8
						Note 1	Note 3		Note 1			
25+00	2500.00	0.00	74.07	100.02	0.00	0	0	0	0	0	0.00	0.00
25+50	2550.00	50.00	35.35	60.24	0.00	101	148	0	101	197	0.00	-96.04
26+00	2600.00	50.00	33.70	0.59	0.00	64	56	0	165	272	0.00	-107.02
26+50	2650.00	50.00	76.59	0.00	0.00	102	1	0	267	273	0.00	-5.64
27+00	2700.00	50.00	114.44	0.00	0.00	177	0	0	444	273	0.00	171.25
27+50	2750.00	50.00	116.44	1.46	0.00	214	1	0	658	275	0.00	383.23
28+00	2800.00	50.00	84.39	14.95	0.00	186	15	0	844	295	0.00	548.96
28+50	2850.00	50.00	23.18	5.18	0.00	100	19	0	944	320	0.00	623.77
29+00	2900.00	50.00	304.38	0.00	0.00	303	5	0	1,247	326	0.00	920.70
29+50	2950.00	50.00	485.35	0.00	0.00	731	0	0	1,978	326	0.00	1,651.93
30+00	3000.00	50.00	209.87	0.00	0.00	644	0	0	2,622	326	0.00	2,295.65
30+50	3050.00	50.00	70.38	0.00	0.00	259	0	0	2,881	326	0.00	2,555.14
31+00	3100.00	50.00	45.70	0.00	0.00	107	0	0	2,989	326	0.00	2,662.62
31+50	3150.00	50.00	66.87	0.00	0.00	104	0	0	3,093	326	0.00	2,766.85
32+00	3200.00	50.00	231.35	0.00	0.00	276	0	0	3,369	326	0.00	3,042.98
32+50	3250.00	50.00	266.14	0.00	0.00	461	0	0	3,830	326	0.00	3,503.62
32+70.58	3270.58	20.58	218.43	0.00	0.00	185	0	0	4,014	326	0.00	3,688.26
				TOTAL		**4,014**	**245**	**0**				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

Inez Branch Rd

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut	Cumulative Vol (CY) Expanded Fill	Cumulative Vol (CY) Reduced EBS In Fill	Mass Ordinate
									1.00	1.33	0.95	
						Note 1	Note 3		Note 1		Note 7	Note 8
00+31.75	31.75	0.00	38.18	68.37	0.00	0	0	0	0	0	0.00	0.00
00+50	50.00	18.25	41.24	77.57	0.00	27	49	0	27	66	0.00	-38.75
01+00	100.00	50.00	44.58	16.11	0.00	79	87	0	106	181	0.00	-74.65
01+50	150.00	50.00	104.49	32.33	0.00	138	45	0	244	241	0.00	3.73
02+00	200.00	50.00	61.01	16.07	0.00	153	45	0	398	300	0.00	97.37
02+50	250.00	50.00	59.03	3.18	0.00	111	18	0	509	324	0.00	184.81
03+00	300.00	50.00	50.39	0.10	0.00	101	3	0	610	328	0.00	282.08
03+50	350.00	50.00	57.59	0.00	0.00	100	0	0	710	328	0.00	381.94
04+00	400.00	50.00	47.34	0.00	0.00	97	0	0	807	328	0.00	479.10
04+50	450.00	50.00	21.11	0.30	0.00	63	0	0	871	328	0.00	542.12
05+00	500.00	50.00	16.45	4.69	0.00	35	5	0	905	335	0.00	570.76
05+50	550.00	50.00	16.16	0.77	0.00	30	5	0	936	341	0.00	594.22
06+00	600.00	50.00	36.81	0.00	0.00	49	1	0	985	342	0.00	642.32
06+50	650.00	50.00	72.74	0.00	0.00	101	0	0	1,086	342	0.00	743.76
07+00	700.00	50.00	101.09	0.00	0.00	161	0	0	1,247	342	0.00	904.71
07+50	750.00	50.00	107.64	0.00	0.00	193	0	0	1,440	342	0.00	1,097.98
08+00	800.00	50.00	62.88	0.00	0.00	158	0	0	1,598	342	0.00	1,255.87
08+50	850.00	50.00	47.02	0.03	0.00	102	0	0	1,700	342	0.00	1,357.61
09+00	900.00	50.00	32.51	18.19	0.00	74	17	0	1,774	365	0.00	1,408.82
09+50	950.00	50.00	21.66	62.39	0.00	50	75	0	1,824	464	0.00	1,359.76
10+00	1000.00	50.00	5.97	100.24	0.00	26	151	0	1,849	664	0.00	1,185.08
10+50	1050.00	50.00	8.08	84.01	0.00	13	171	0	1,862	891	0.00	971.19
11+00	1100.00	50.00	22.91	18.64	0.00	29	95	0	1,891	1,018	0.00	873.48
11+50	1150.00	50.00	29.00	5.26	0.00	48	22	0	1,939	1,047	0.00	892.13
12+00	1200.00	50.00	25.91	1.11	0.00	51	6	0	1,990	1,055	0.00	935.13
12+50	1250.00	50.00	39.69	0.00	0.00	61	1	0	2,051	1,056	0.00	994.50
13+00	1300.00	50.00	33.08	0.00	0.00	67	0	0	2,118	1,056	0.00	1,061.88
13+50	1350.00	50.00	33.03	0.00	0.00	61	0	0	2,179	1,056	0.00	1,123.09
14+00	1400.00	50.00	43.04	0.00	0.00	70	0	0	2,250	1,056	0.00	1,193.53
14+50	1450.00	50.00	51.41	0.00	0.00	87	0	0	2,337	1,056	0.00	1,280.99
15+00	1500.00	50.00	78.07	0.00	0.00	120	0	0	2,457	1,056	0.00	1,400.88
15+50	1550.00	50.00	84.95	0.00	0.00	151	0	0	2,608	1,056	0.00	1,551.82
16+00	1600.00	50.00	61.21	0.00	0.00	135	0	0	2,743	1,056	0.00	1,687.16
16+50	1650.00	50.00	50.44	0.00	0.00	103	0	0	2,847	1,056	0.00	1,790.54
17+00	1700.00	50.00	61.47	0.00	0.00	104	0	0	2,950	1,056	0.00	1,894.16
17+50	1750.00	50.00	67.39	0.00	0.00	119	0	0	3,070	1,056	0.00	2,013.47
18+00	1800.00	50.00	77.84	0.00	0.00	134	0	0	3,204	1,056	0.00	2,147.95
18+50	1850.00	50.00	60.28	0.00	0.00	128	0	0	3,332	1,056	0.00	2,275.84
19+00	1900.00	50.00	62.44	0.00	0.00	114	0	0	3,446	1,056	0.00	2,389.47
19+50	1950.00	50.00	44.90	0.00	0.00	99	0	0	3,545	1,056	0.00	2,488.87
20+00	2000.00	50.00	53.28	0.00	0.00	91	0	0	3,636	1,056	0.00	2,579.77
20+50	2050.00	50.00	31.65	0.00	0.00	79	0	0	3,715	1,056	0.00	2,658.41
21+00	2100.00	50.00	20.31	0.36	0.00	48	0	0	3,763	1,057	0.00	2,706.09
21+50	2150.00	50.00	37.03	0.00	0.00	53	0	0	3,816	1,057	0.00	2,758.74
22+00	2200.00	50.00	71.11	0.00	0.00	100	0	0	3,916	1,057	0.00	2,858.87
				Subtotal		3,916	795	0				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor

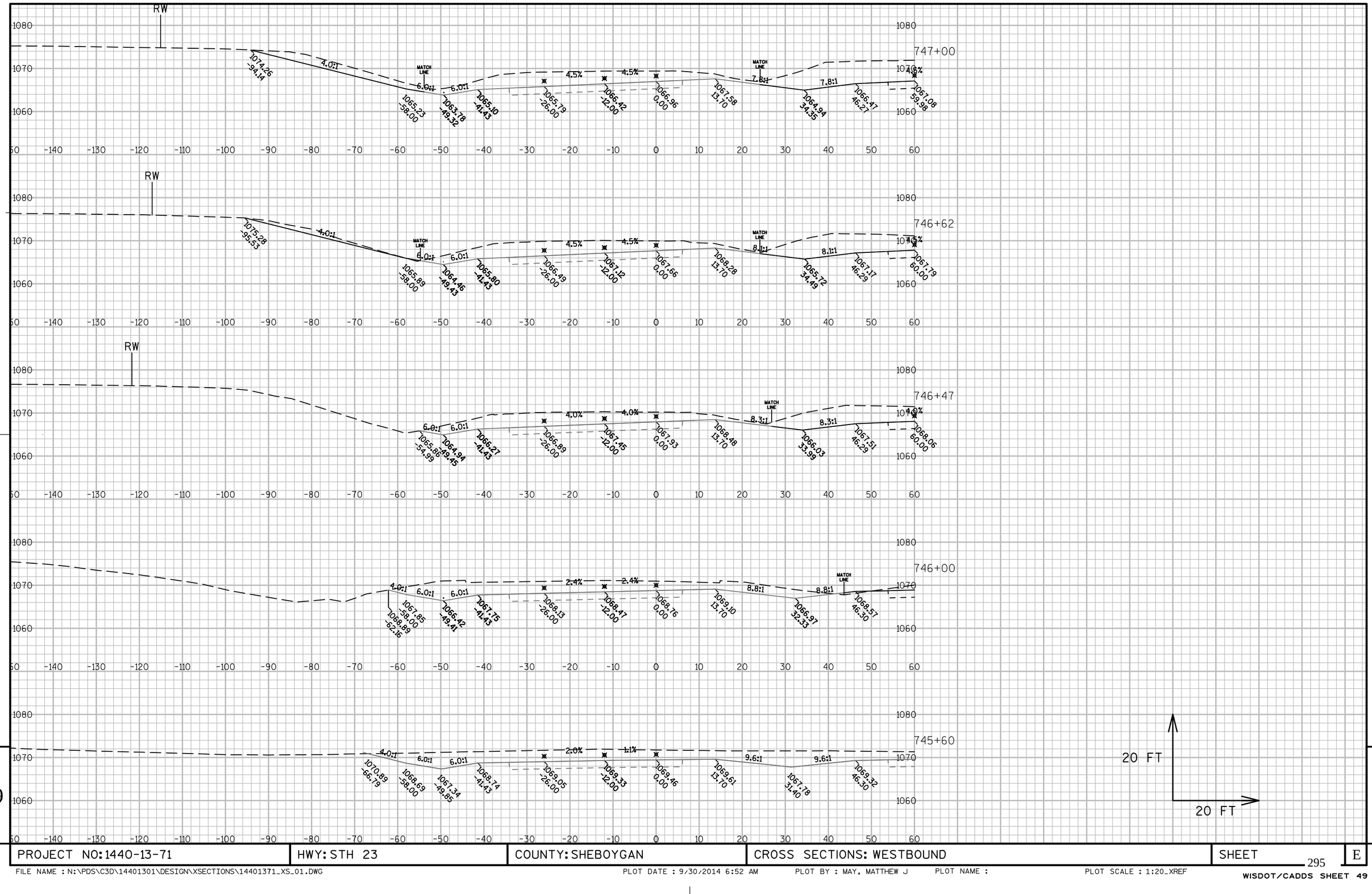
Inez Branch Rd

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut	Cumulative Vol (CY) Expanded Fill	Cumulative Vol (CY) Reduced EBS In Fill	Mass Ordinate
									1.00	1.33	0.95	
						Note 1	Note 3		Note 1		Note 7	Note 8
22+50	2250.00	50.00	86.17	0.00	0.00	146	0	0	4,062	1,057	0.00	3,004.51
23+00	2300.00	50.00	110.81	0.00	0.00	182	0	0	4,244	1,057	0.00	3,186.91
23+50	2350.00	50.00	120.75	0.00	0.00	214	0	0	4,458	1,057	0.00	3,401.31
24+00	2400.00	50.00	76.15	0.00	0.00	182	0	0	4,641	1,057	0.00	3,583.63
24+50	2450.00	50.00	54.72	0.00	0.00	121	0	0	4,762	1,057	0.00	3,704.80
25+00	2500.00	50.00	59.65	0.00	0.00	106	0	0	4,868	1,057	0.00	3,810.69
25+50	2550.00	50.00	80.18	0.00	0.00	129	0	0	4,997	1,057	0.00	3,940.17
26+00	2600.00	50.00	58.52	0.03	0.00	128	0	0	5,126	1,057	0.00	4,068.56
26+50	2650.00	50.00	71.56	0.00	0.00	120	0	0	5,246	1,057	0.00	4,188.97
27+00	2700.00	50.00	138.17	0.00	0.00	194	0	0	5,440	1,057	0.00	4,383.17
27+50	2750.00	50.00	169.86	5.24	0.00	285	5	0	5,725	1,064	0.00	4,661.92
28+00	2800.00	50.00	111.32	14.70	0.00	260	18	0	5,986	1,088	0.00	4,897.71
28+50	2850.00	50.00	81.59	4.06	0.00	179	17	0	6,164	1,111	0.00	5,053.22
29+00	2900.00	50.00	39.19	7.43	0.00	112	11	0	6,276	1,125	0.00	5,150.91
29+50	2950.00	50.00	52.56	1.84	0.00	85	9	0	6,361	1,137	0.00	5,224.45
29+62	2962.00	12.00	53.41	5.60	0.00	24	2	0	6,385	1,139	0.00	5,245.80
				Subtotal		2,469	62	0				
				TOTAL		**6,385**	**856**	**0**				

Boeckman Drivewy

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut	Cumulative Vol (CY) Expanded Fill	Cumulative Vol (CY) Reduced EBS In Fill	Mass Ordinate
									1.00	1.33	0.95	
						Note 1	Note 3		Note 1		Note 7	Note 8
00+00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0.00	0.00
00+43.52	43.52	43.52	38.02	0.00	0.00	31	0	0	31	0	0.00	30.64
00+50	50.00	6.48	39.50	0.00	0.00	9	0	0	40	0	0.00	39.95
00+88.34	88.34	38.34	28.76	1.93	0.00	48	1	0	88	2	0.00	86.60
01+00	100.00	11.66	24.36	0.83	0.00	11	1	0	100	3	0.00	97.28
01+33.17	133.17	33.17	20.07	0.00	0.00	27	1	0	127	3	0.00	123.89
01+50	150.00	16.83	23.25	0.00	0.00	14	0	0	141	3	0.00	137.39
02+00	200.00	50.00	32.98	0.02	0.00	52	0	0	193	3	0.00	189.44
02+11.94	211.94	11.94	32.76	1.53	0.00	15	0	0	207	4	0.00	203.52
02+28.51	228.51	16.57	35.81	2.67	0.00	21	1	0	228	5	0.00	222.84
02+45.07	245.07	16.57	52.62	0.00	0.00	27	1	0	255	7	0.00	248.88
02+45.08	245.08	0.01	52.63	0.00	0.00	0	0	0	255	7	0.00	248.90
02+50	250.00	4.92	55.38	0.00	0.00	10	0	0	265	7	0.00	258.74
02+68.77	268.77	18.77	50.29	0.00	0.00	37	0	0	302	7	0.00	295.46
02+92.46	292.46	23.69	0.00	0.00	0.00	22	0	0	324	7	0.00	317.52
				TOTAL		**324**	**5**	**0**				

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
3 - Fill	EBS Excavation to be backfilled with Pit Run.
7 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Mass Ordinate	Mass Ordinate = Cut - (Fill - Reduced Marsh - Reduced EBS)*Fill Factor



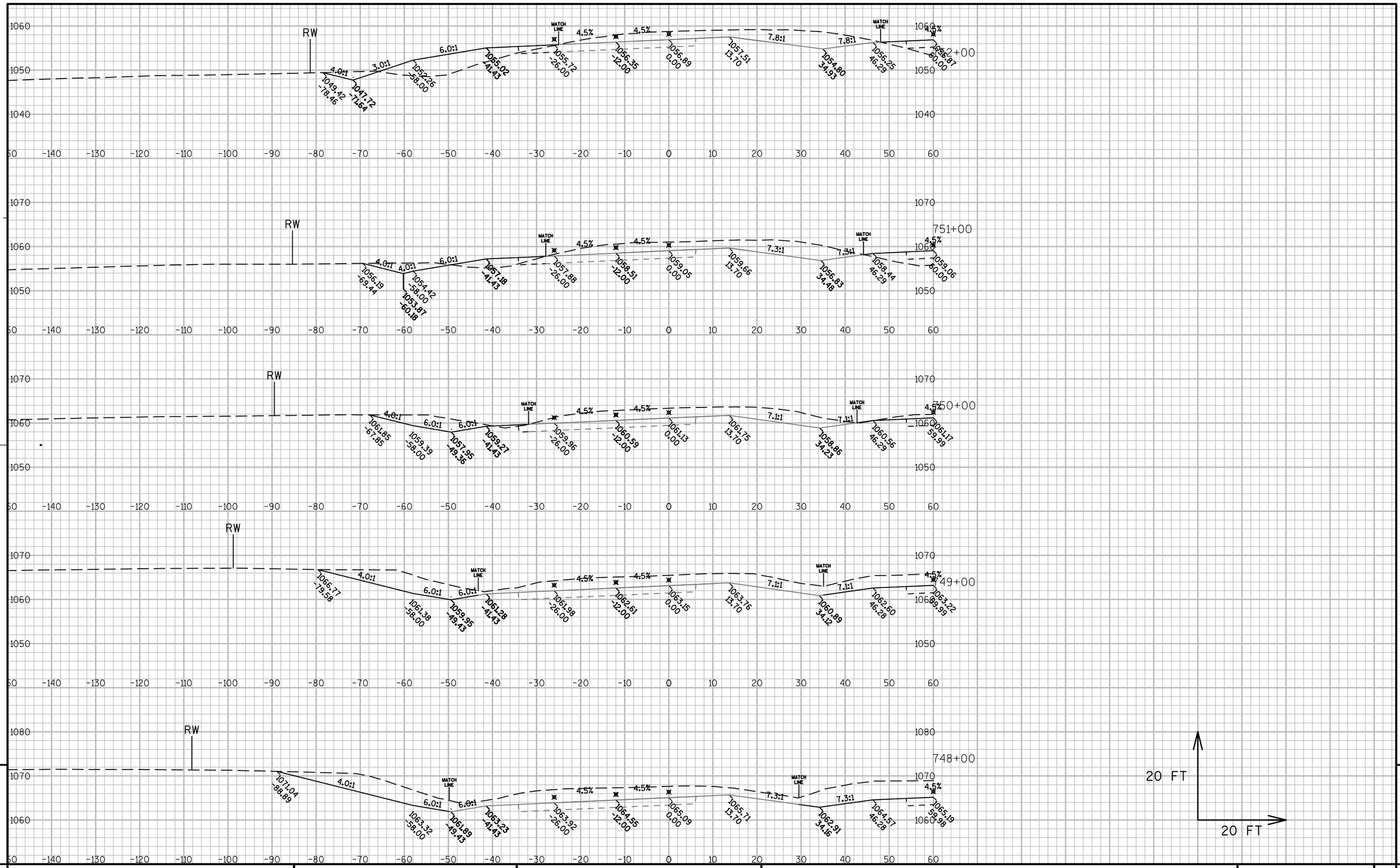
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

9

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 6:52 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

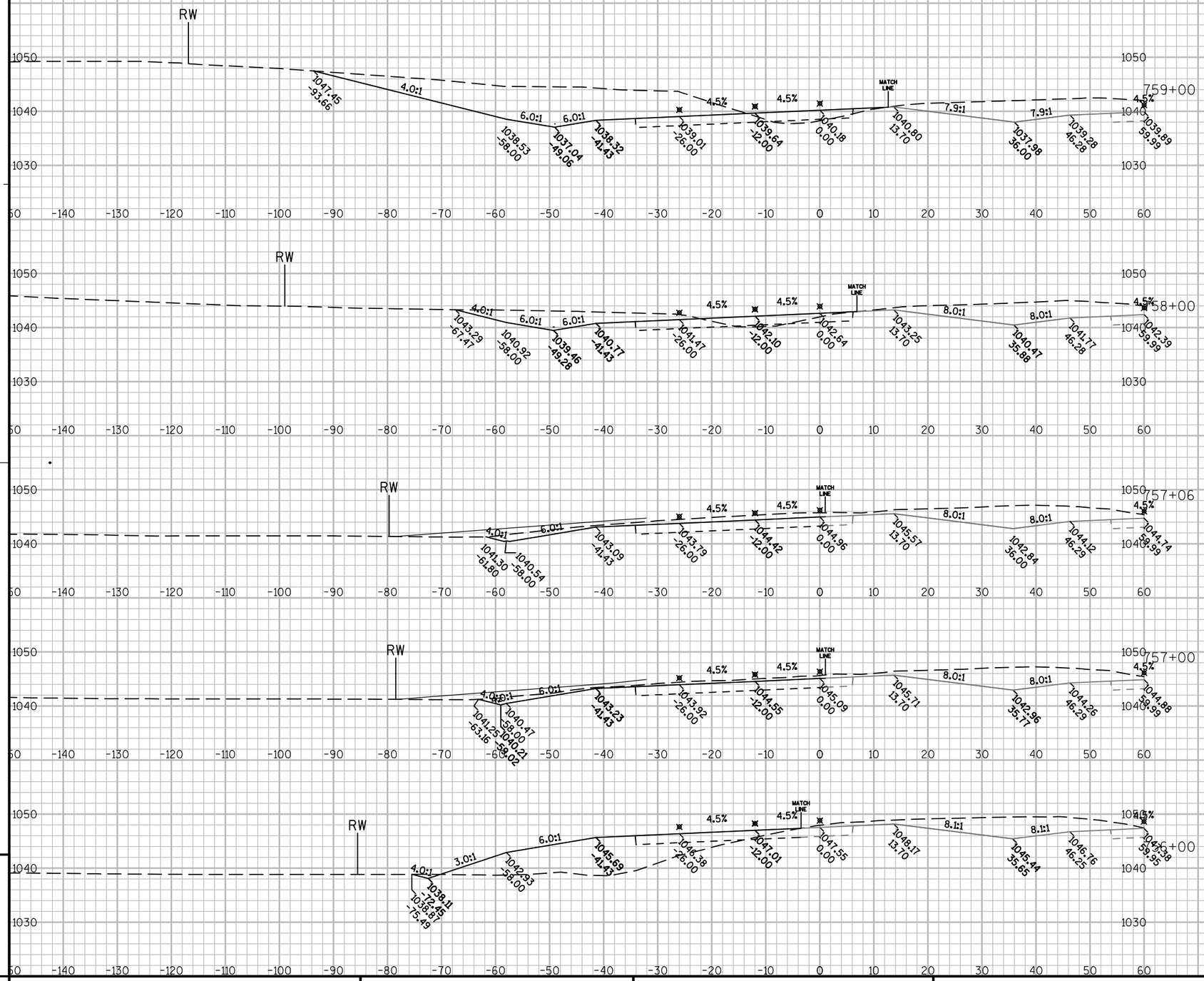


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 6:52 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 6:52 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

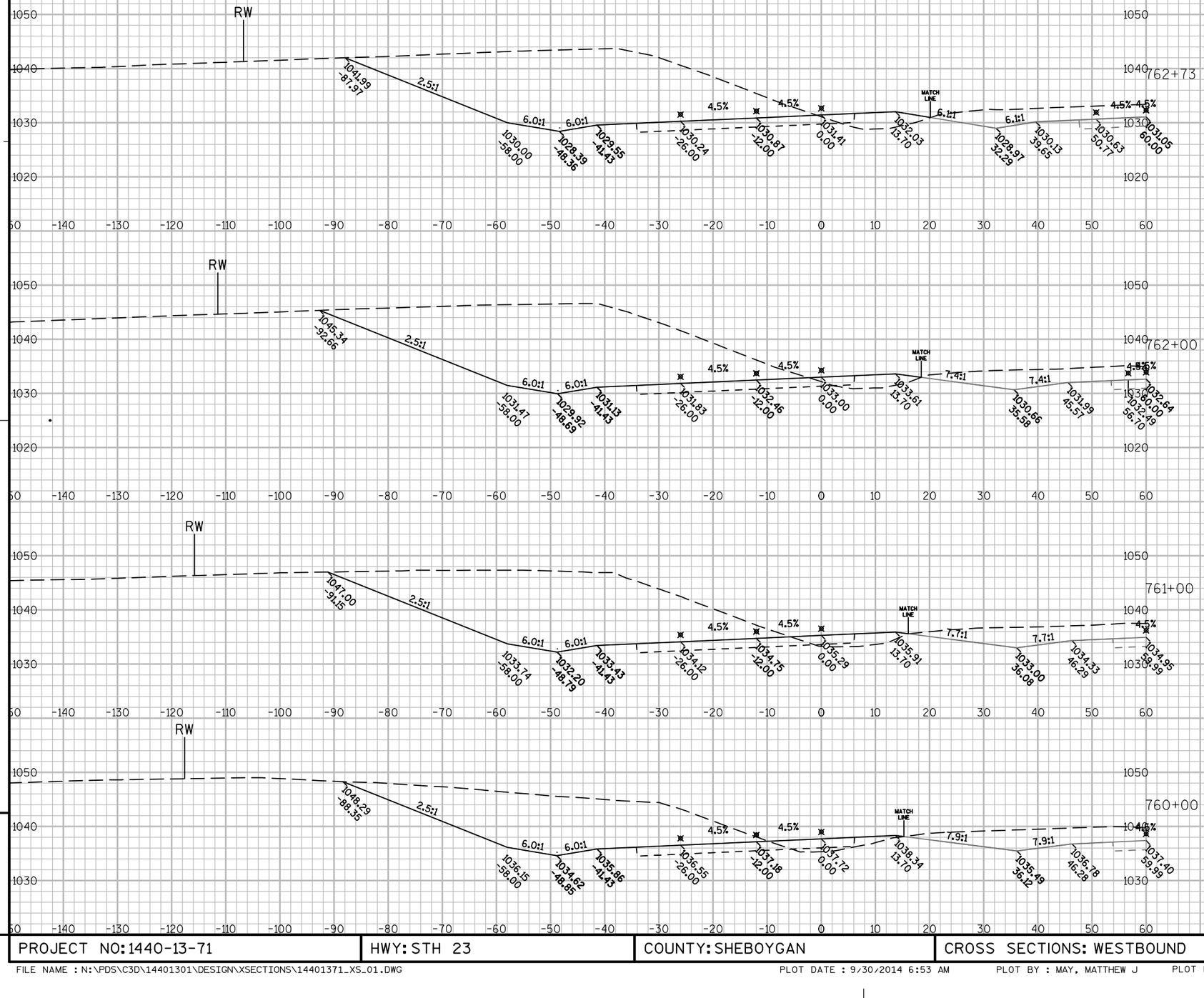


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

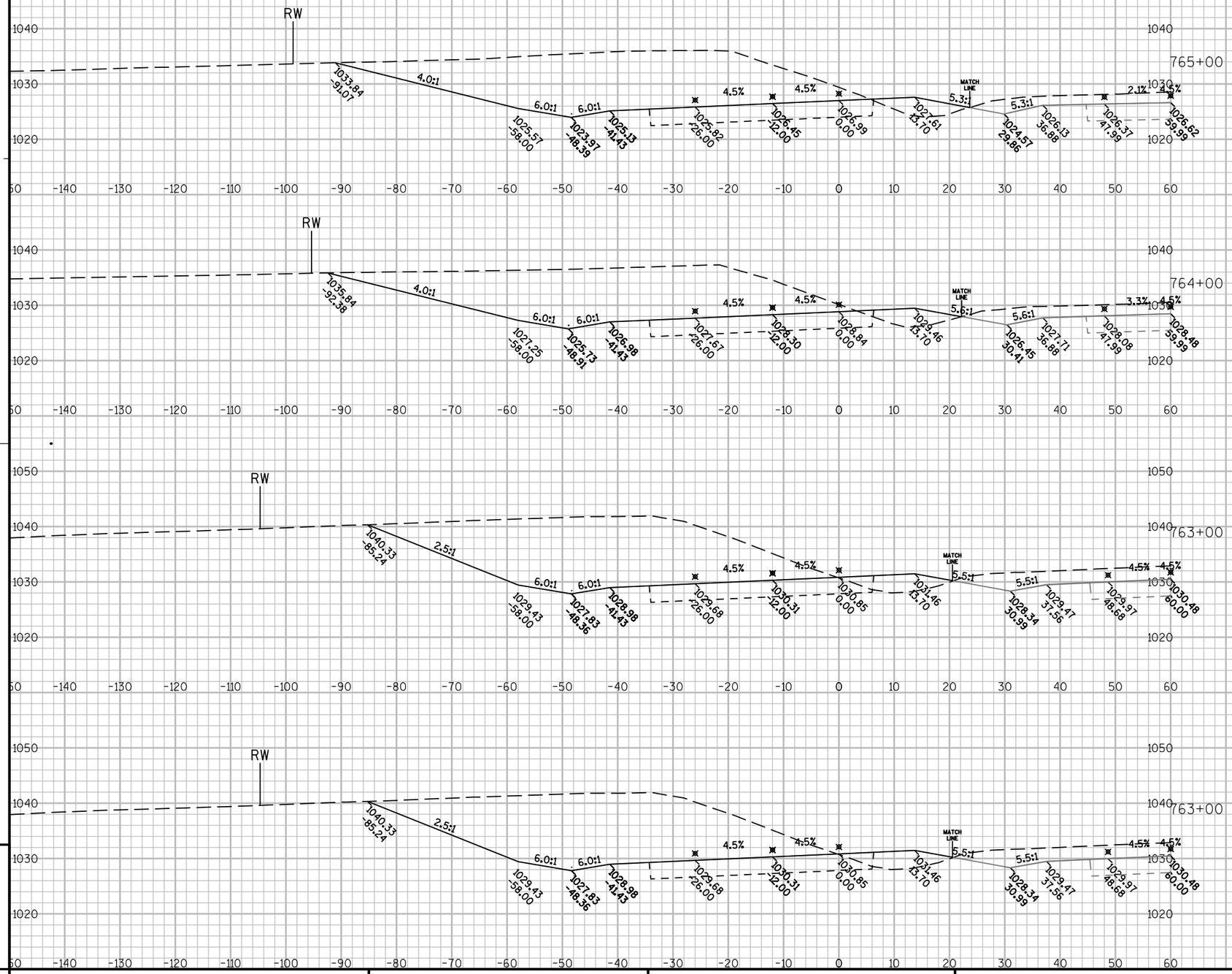
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 299	E

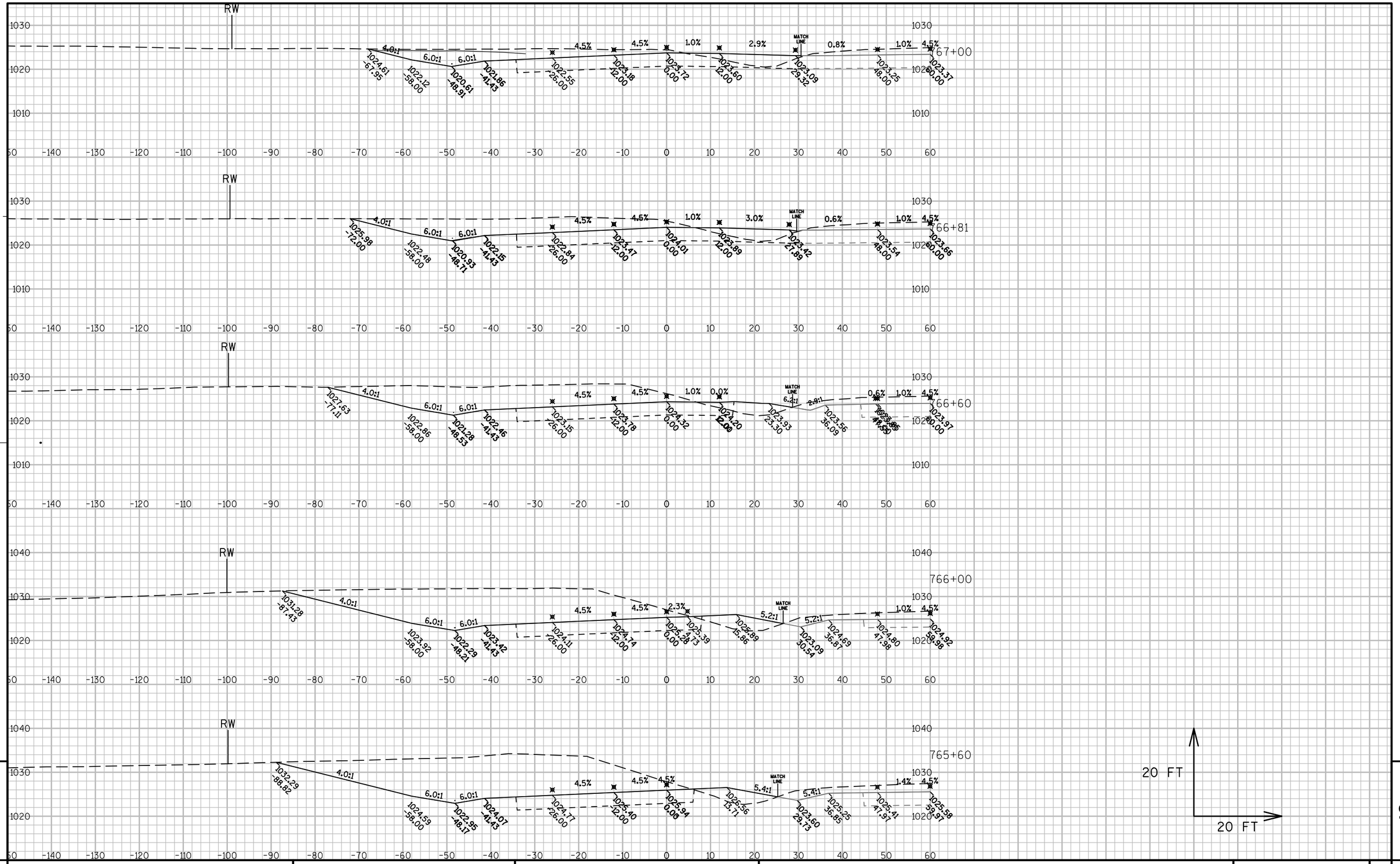
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

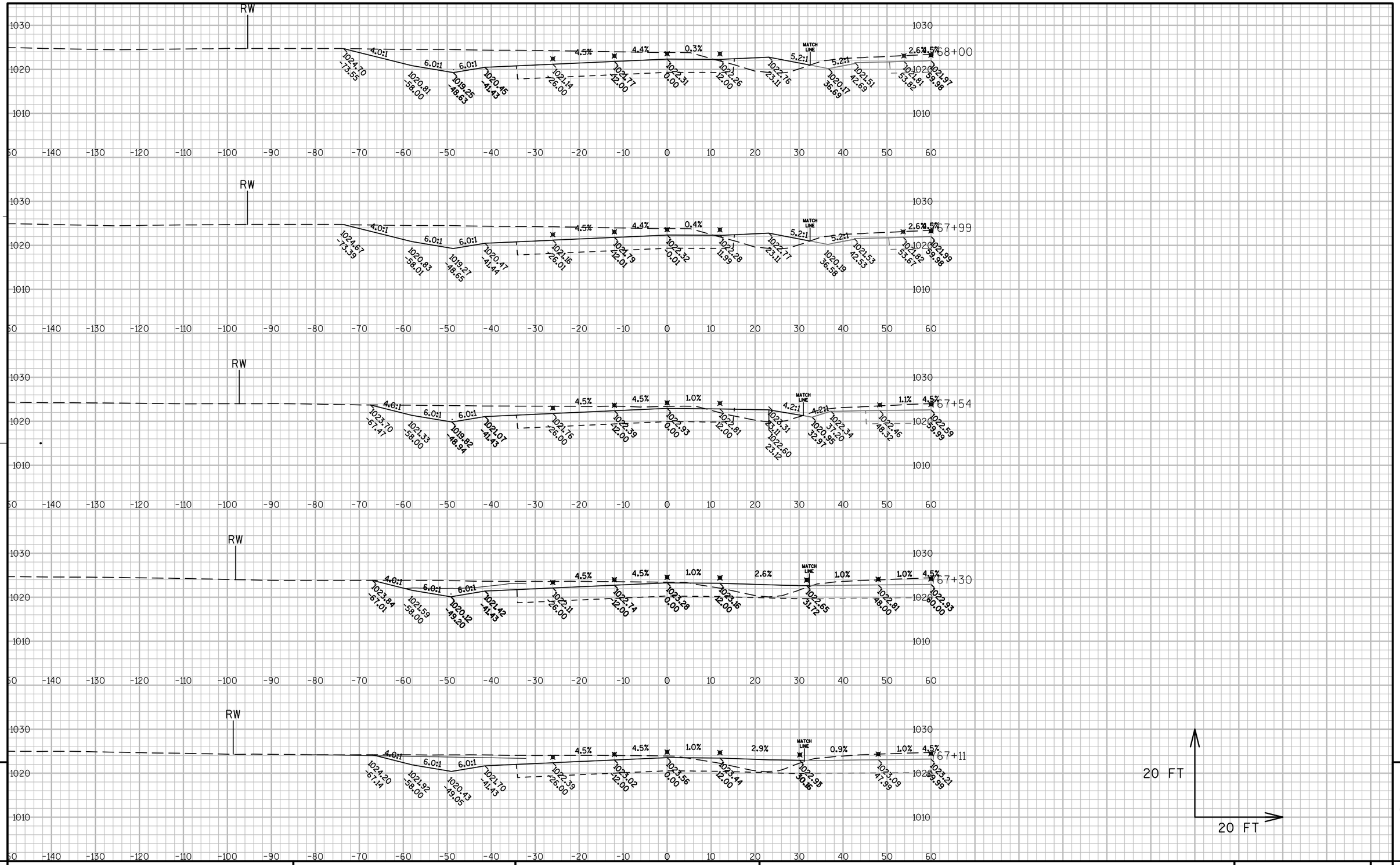
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 301	E

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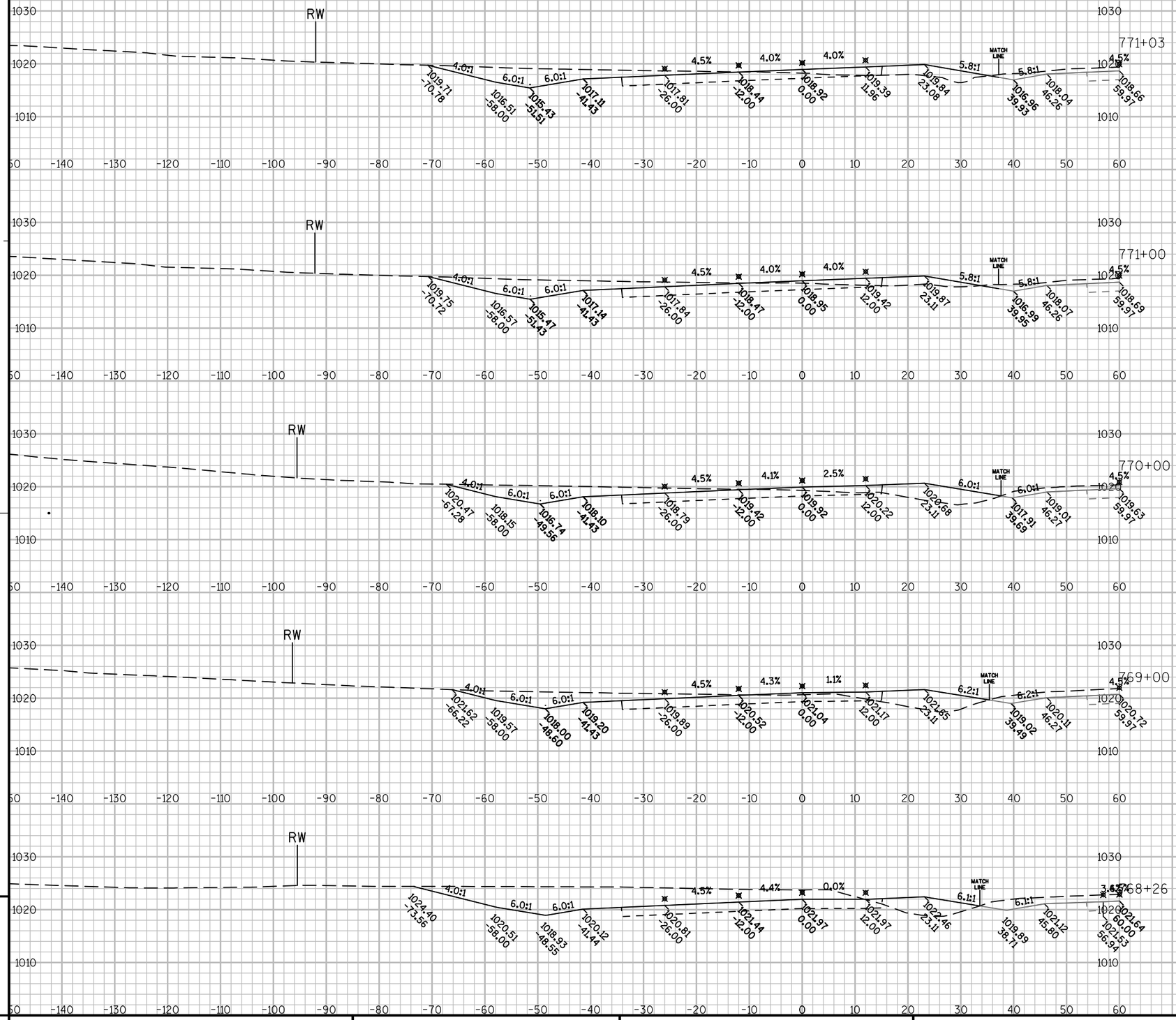
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 6:55 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



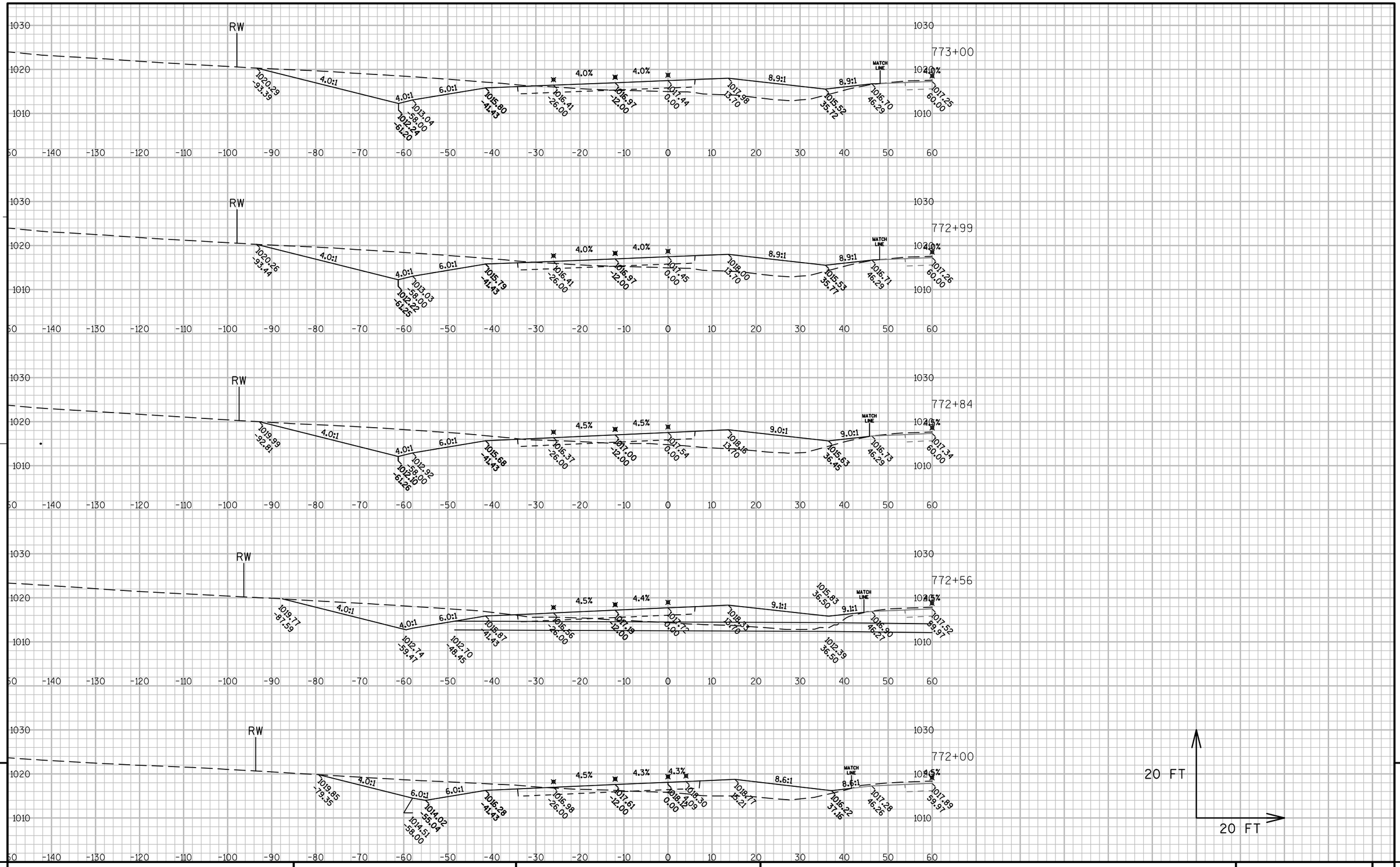
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

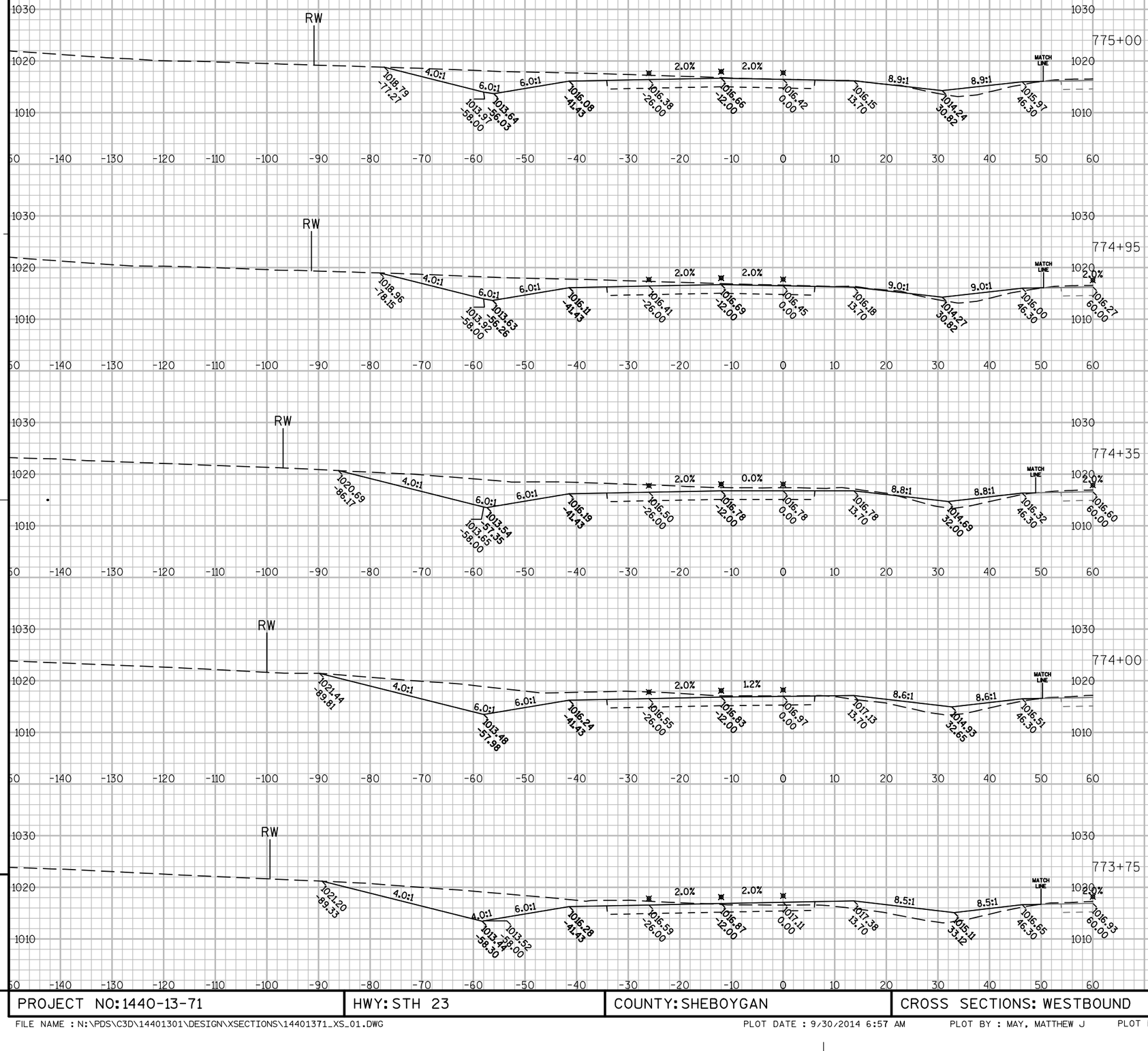
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WISDOT/CADDS SHEET 49

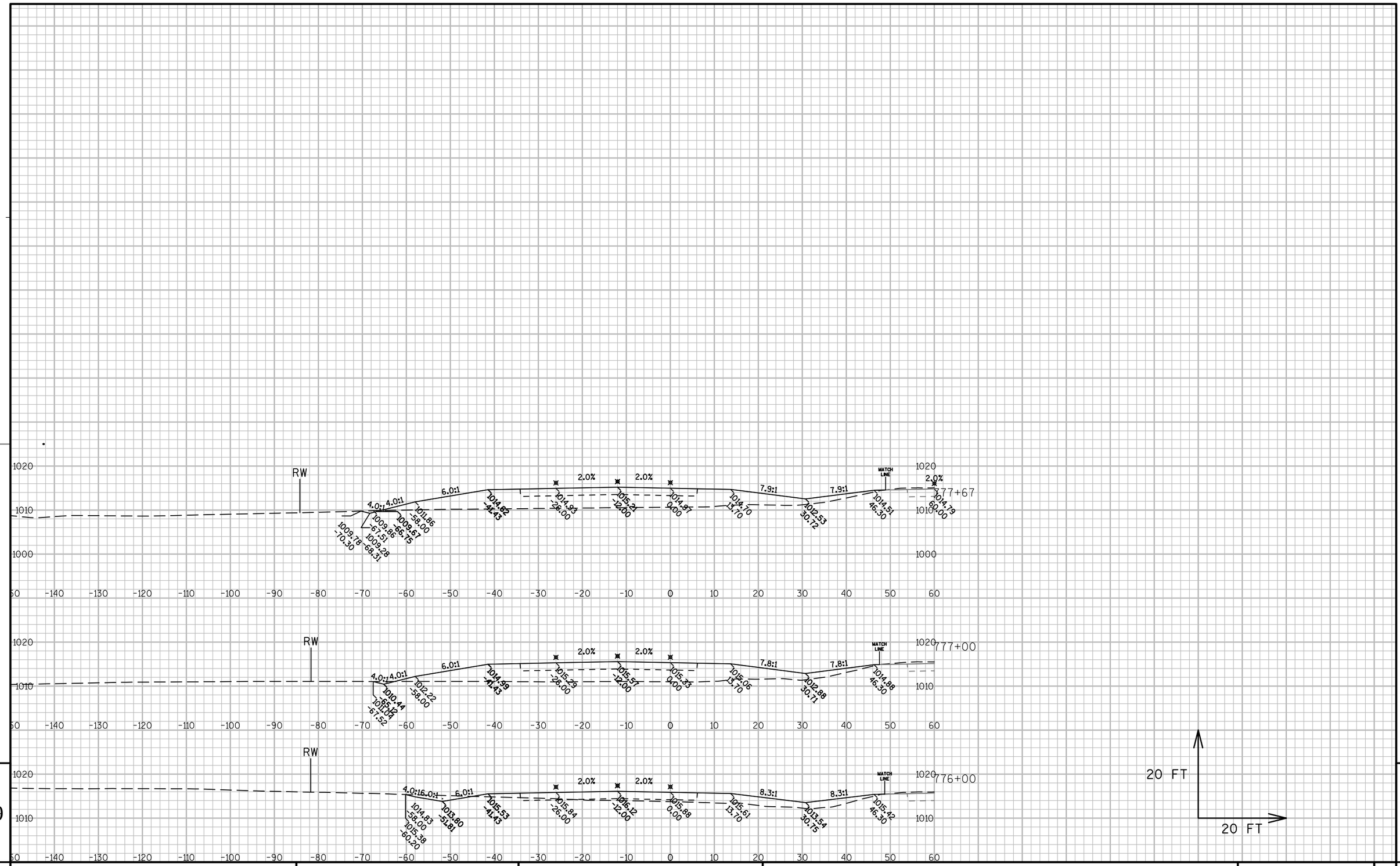


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 6:57 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

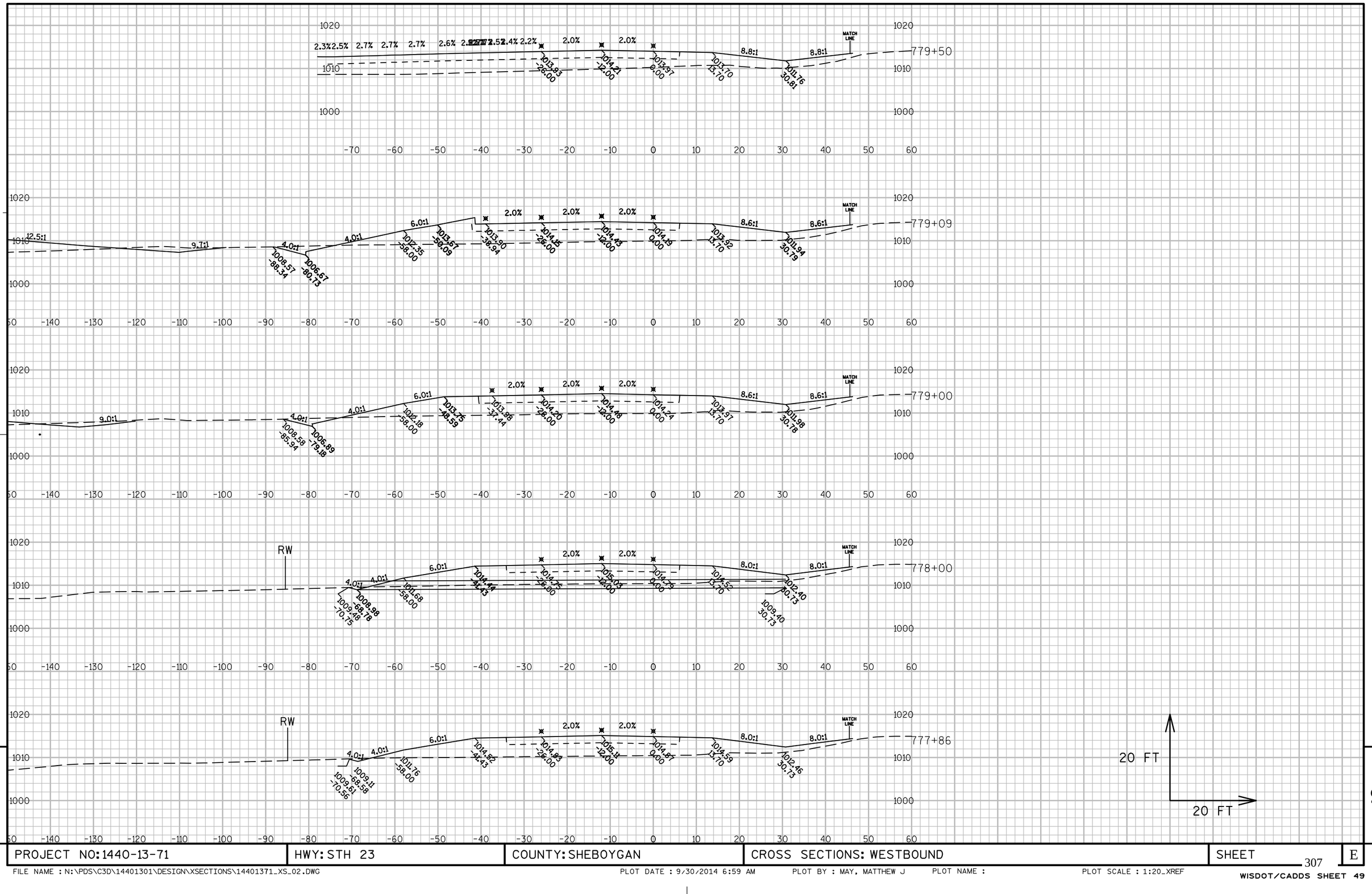


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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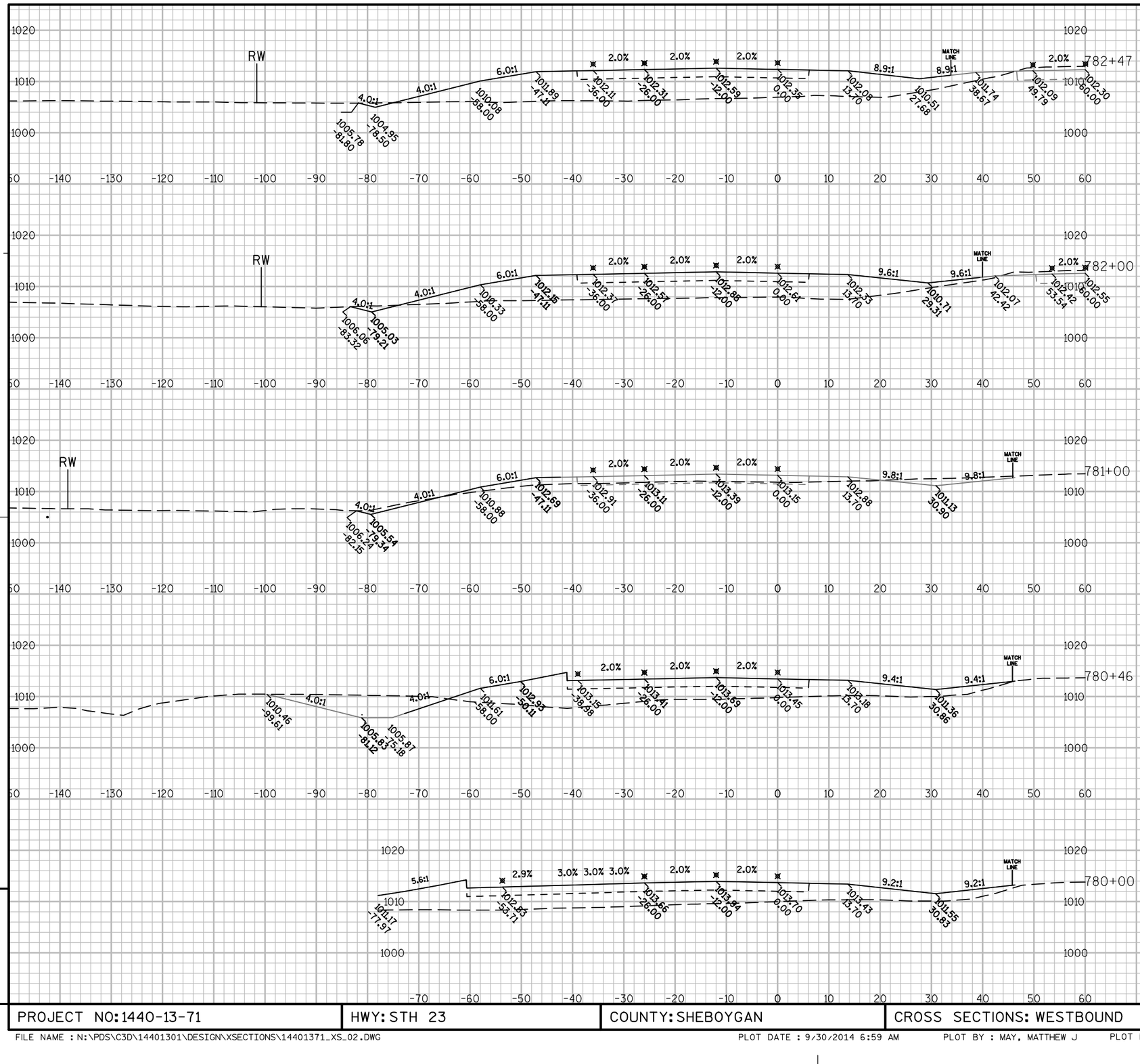
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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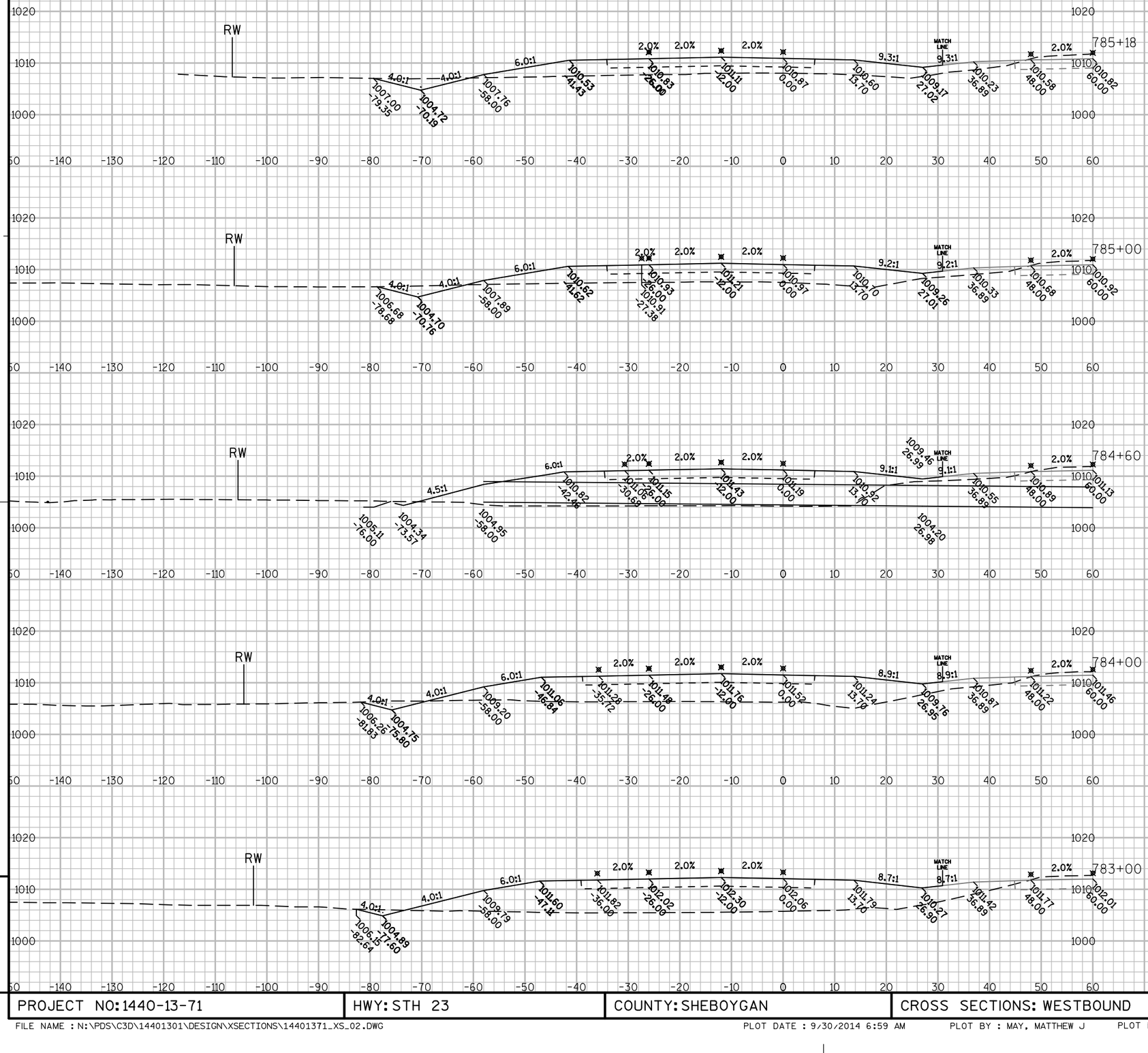
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WISDOT/CADDS SHEET 49



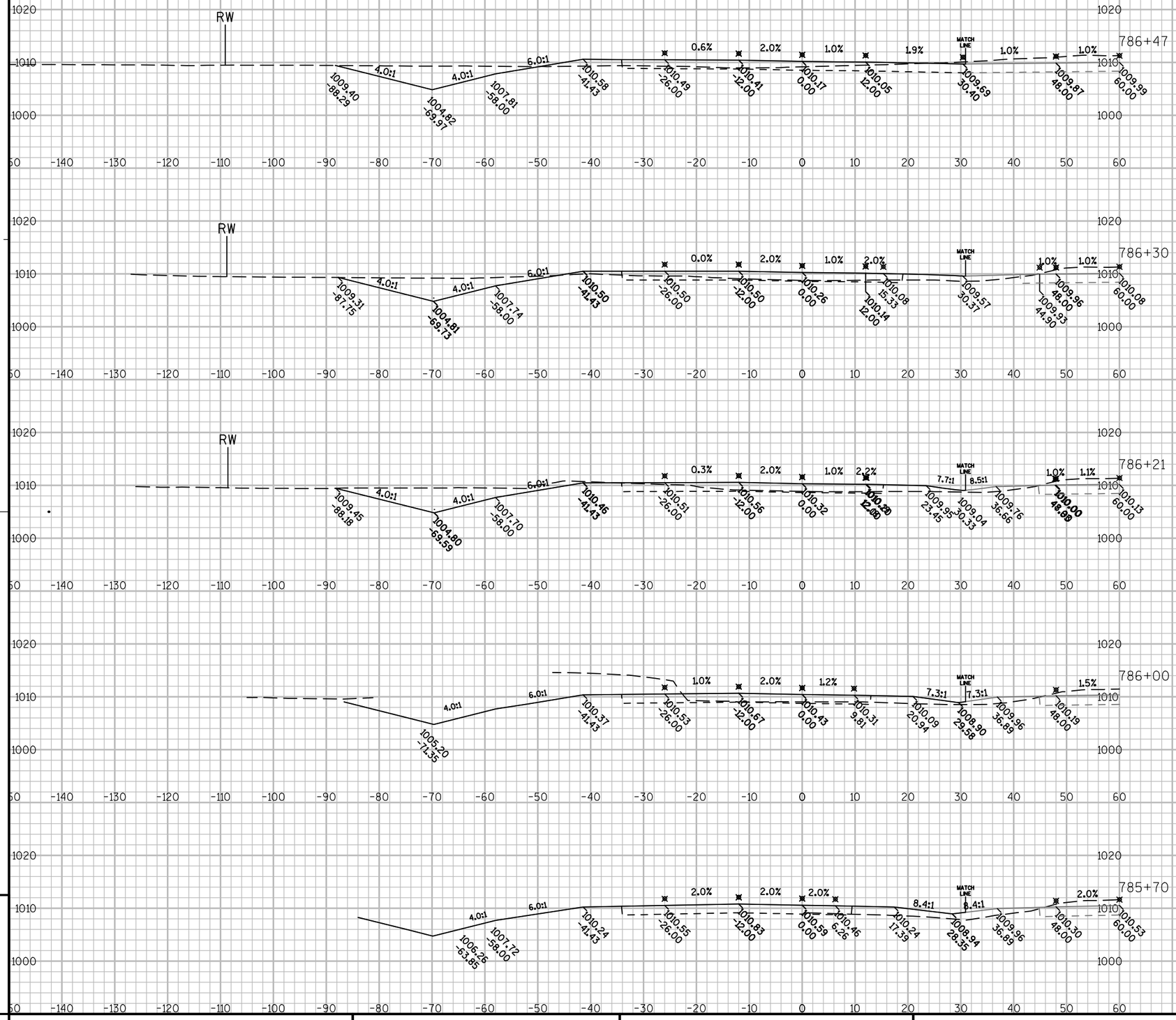
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_02.DWG PLOT DATE : 9/30/2014 6:59 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



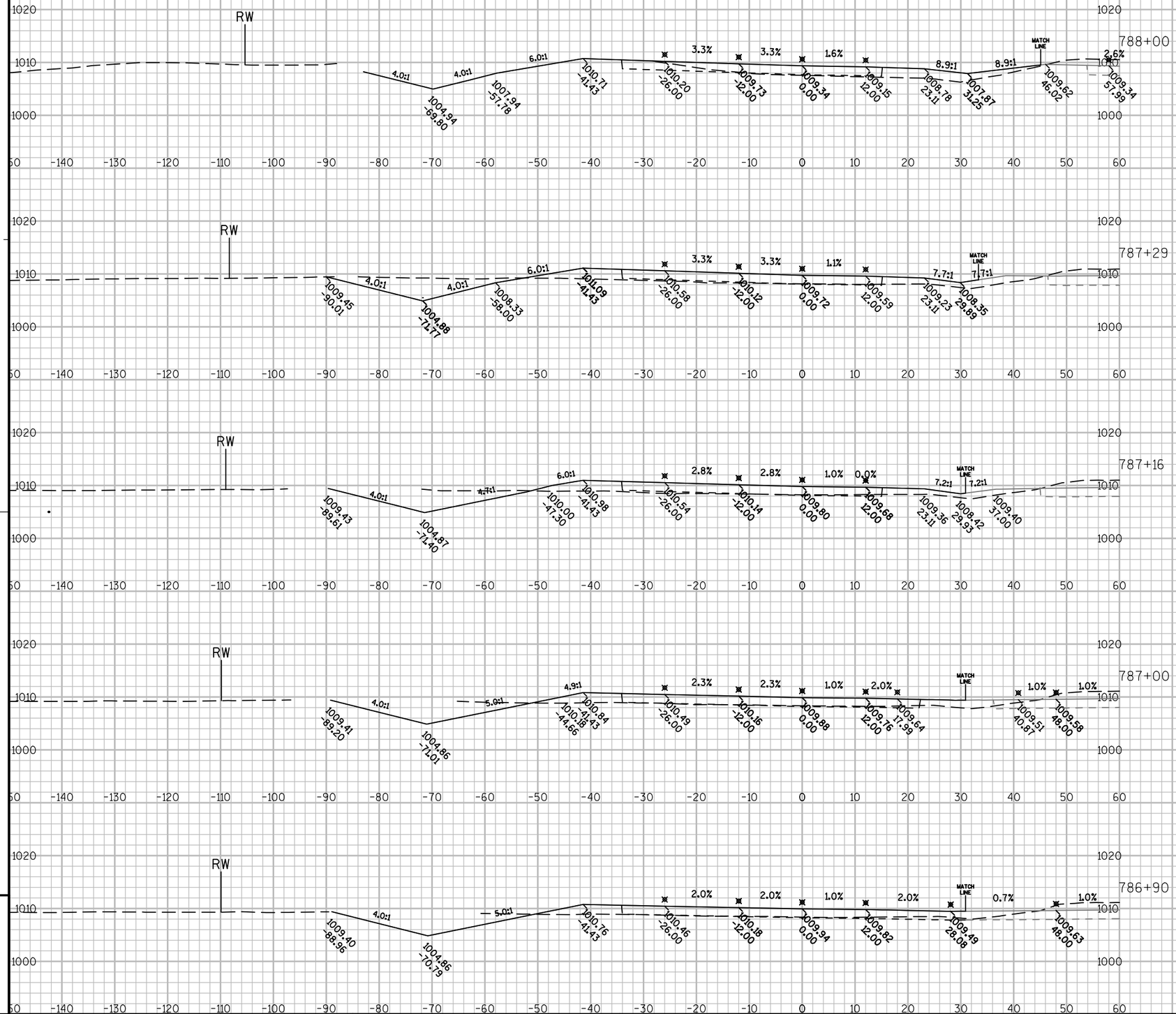
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_02.DWG PLOT DATE : 9/30/2014 6:59 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

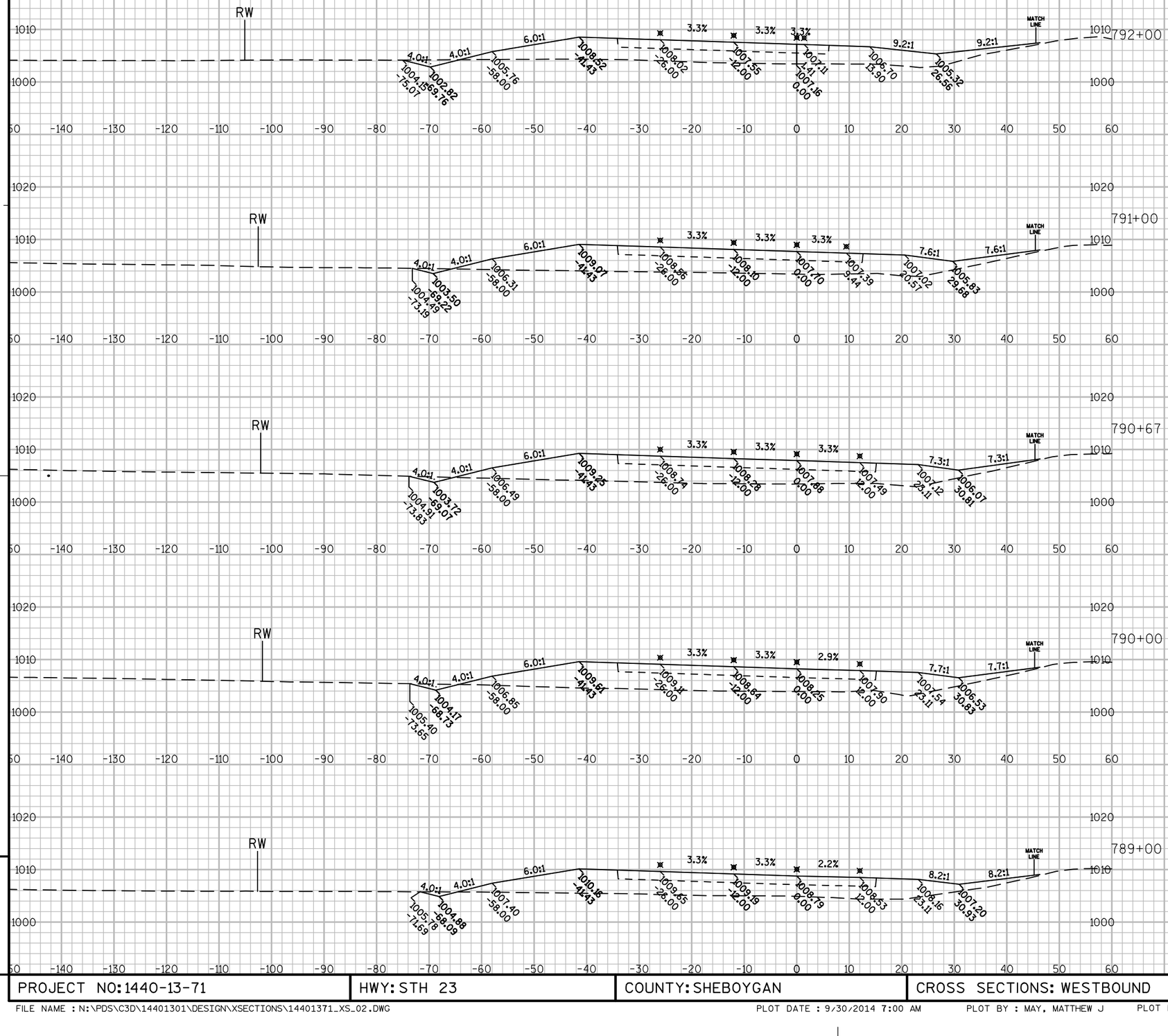
FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_02.DWG PLOT DATE : 9/30/2014 7:00 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_02.DWG PLOT DATE : 9/30/2014 7:00 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

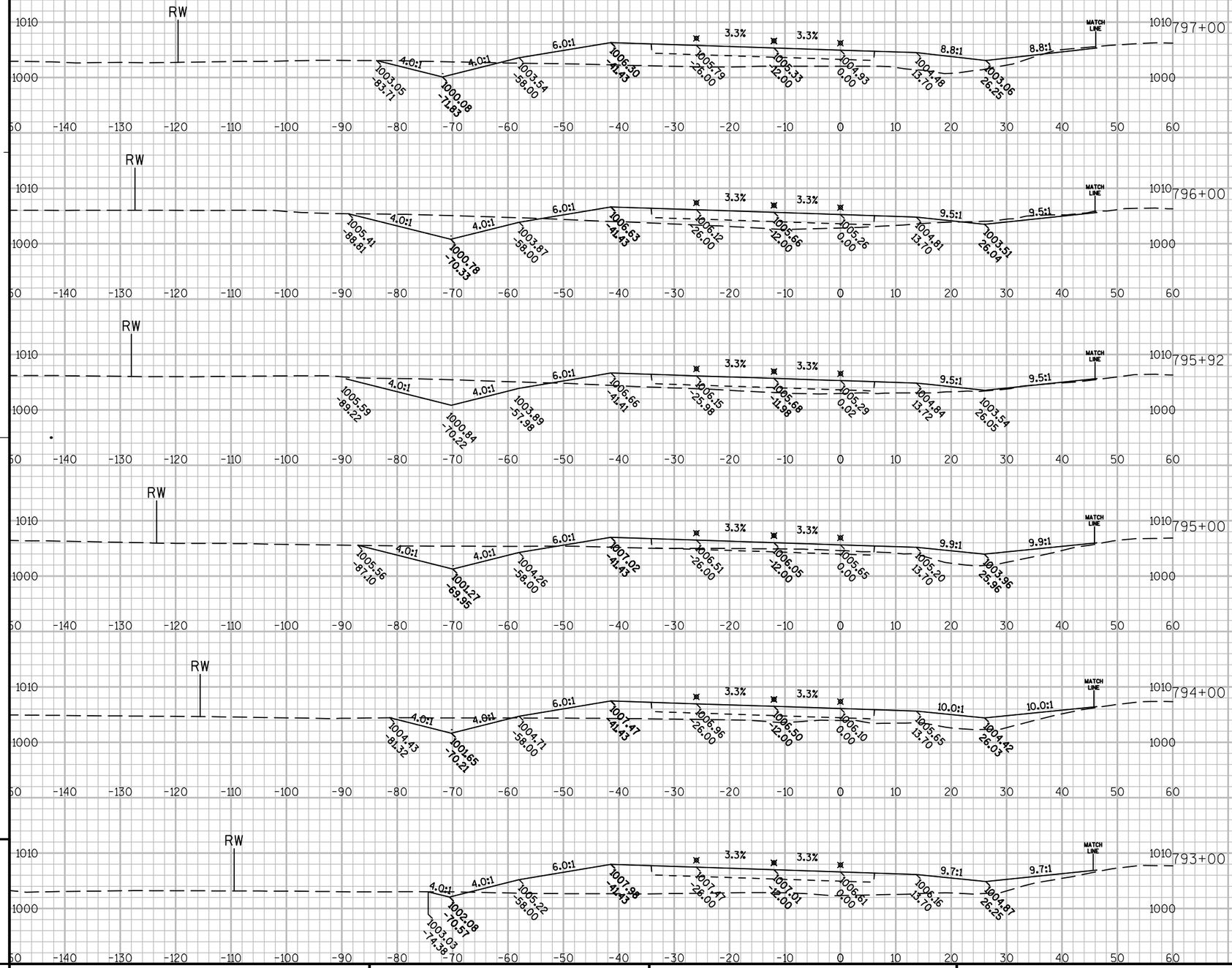
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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WISDOT/CADDS SHEET 49

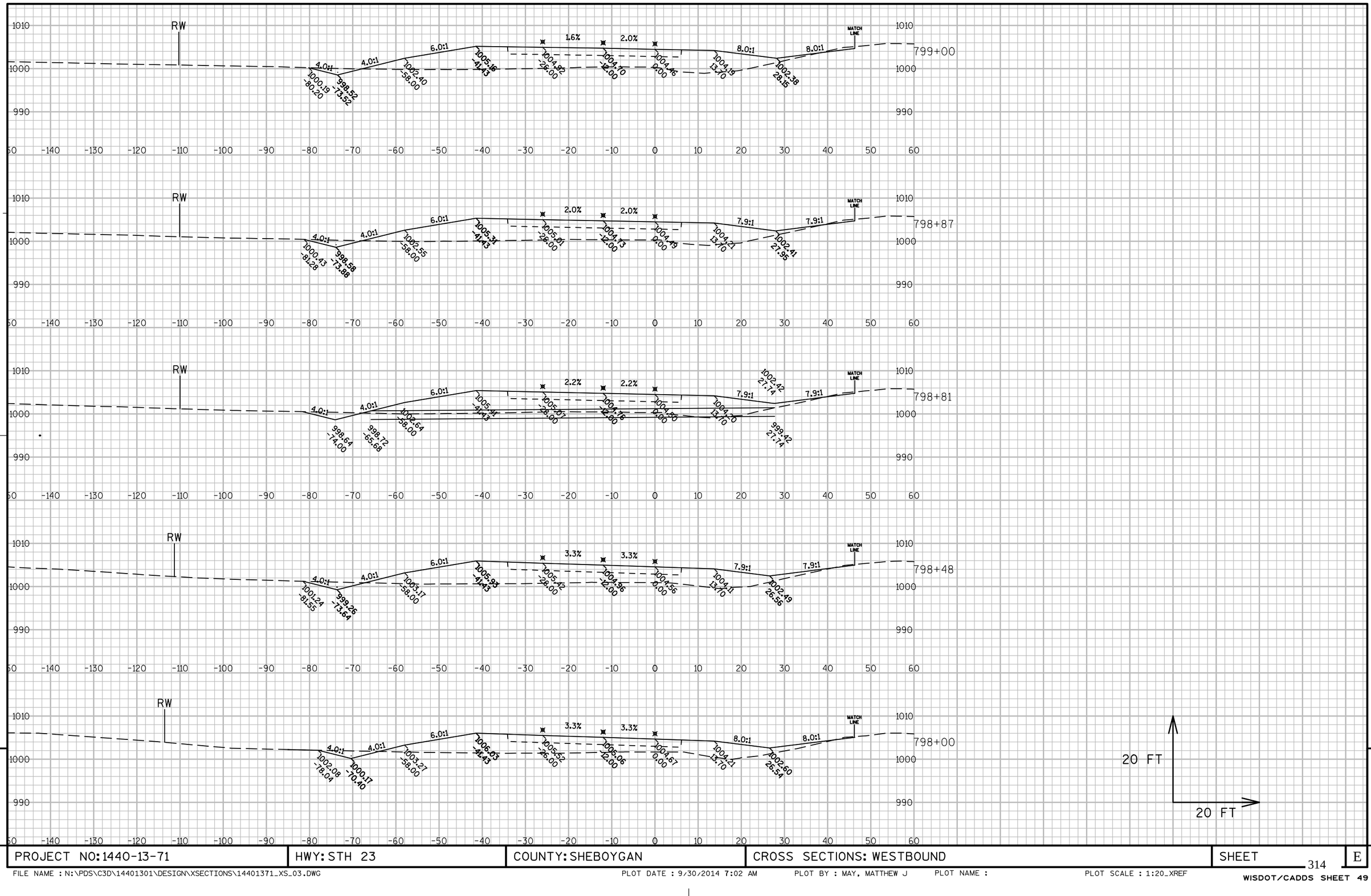


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

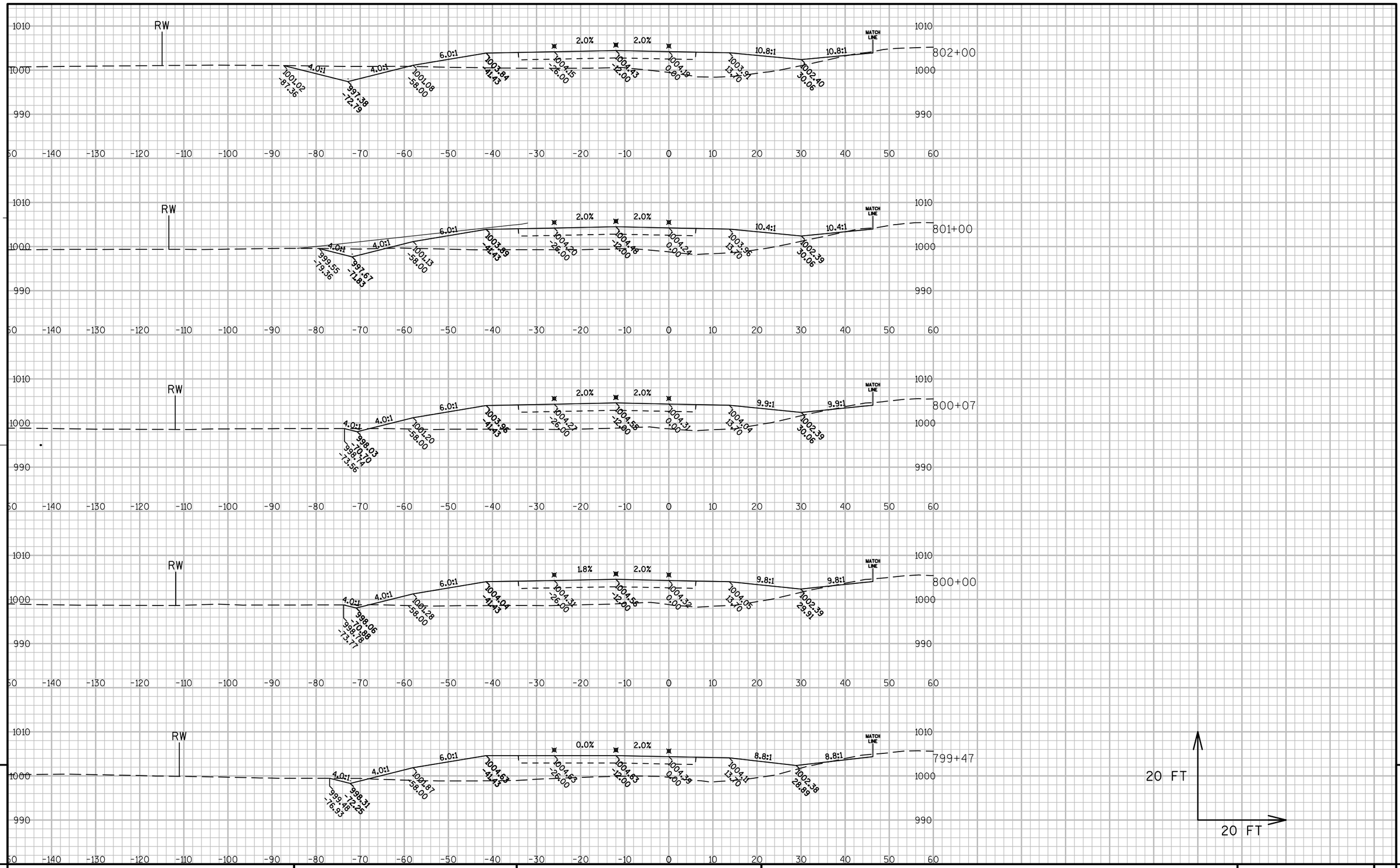
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 314	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_03.DWG PLOT DATE : 9/30/2014 7:02 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

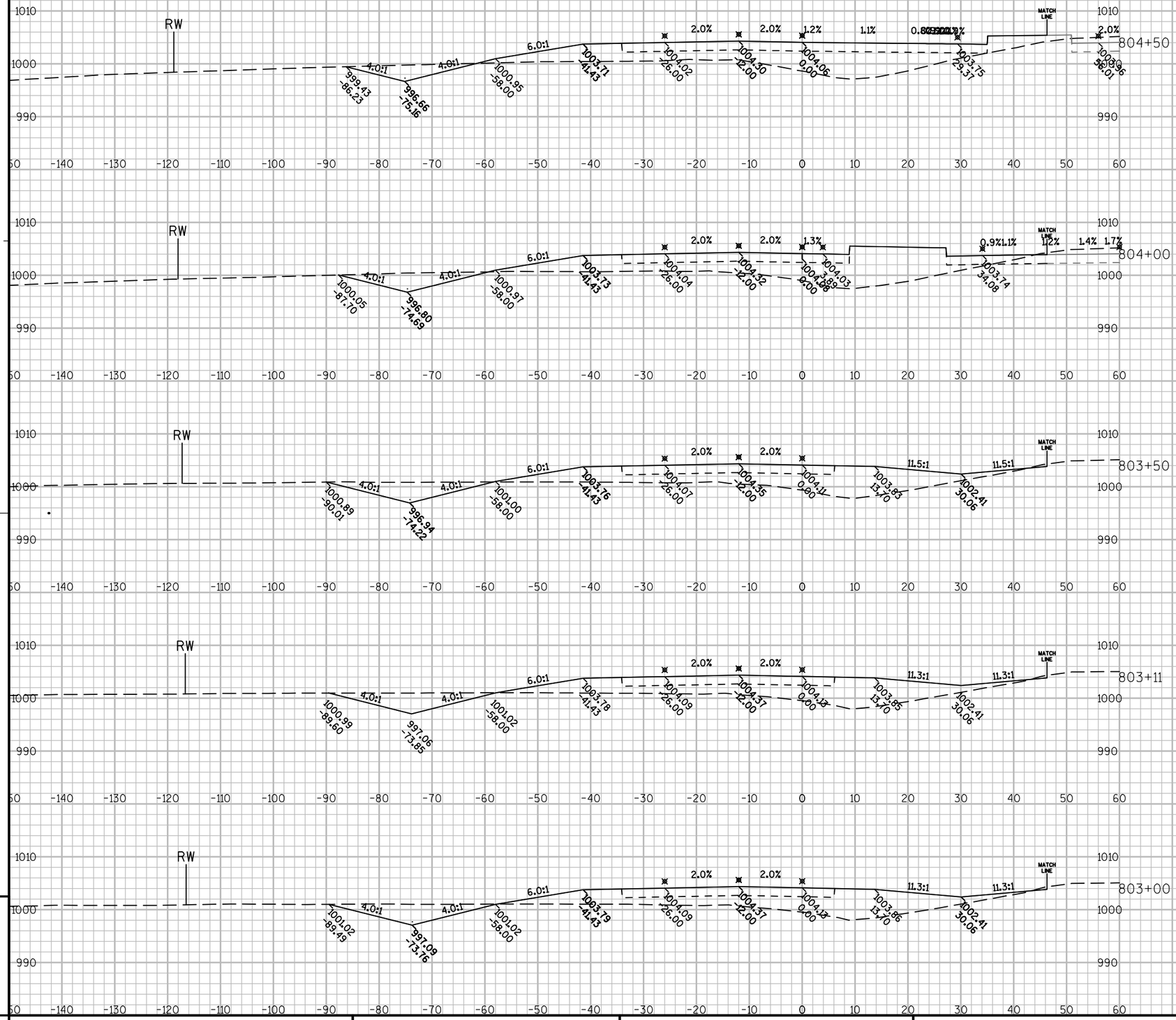
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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WISDOT/CADDS SHEET 49



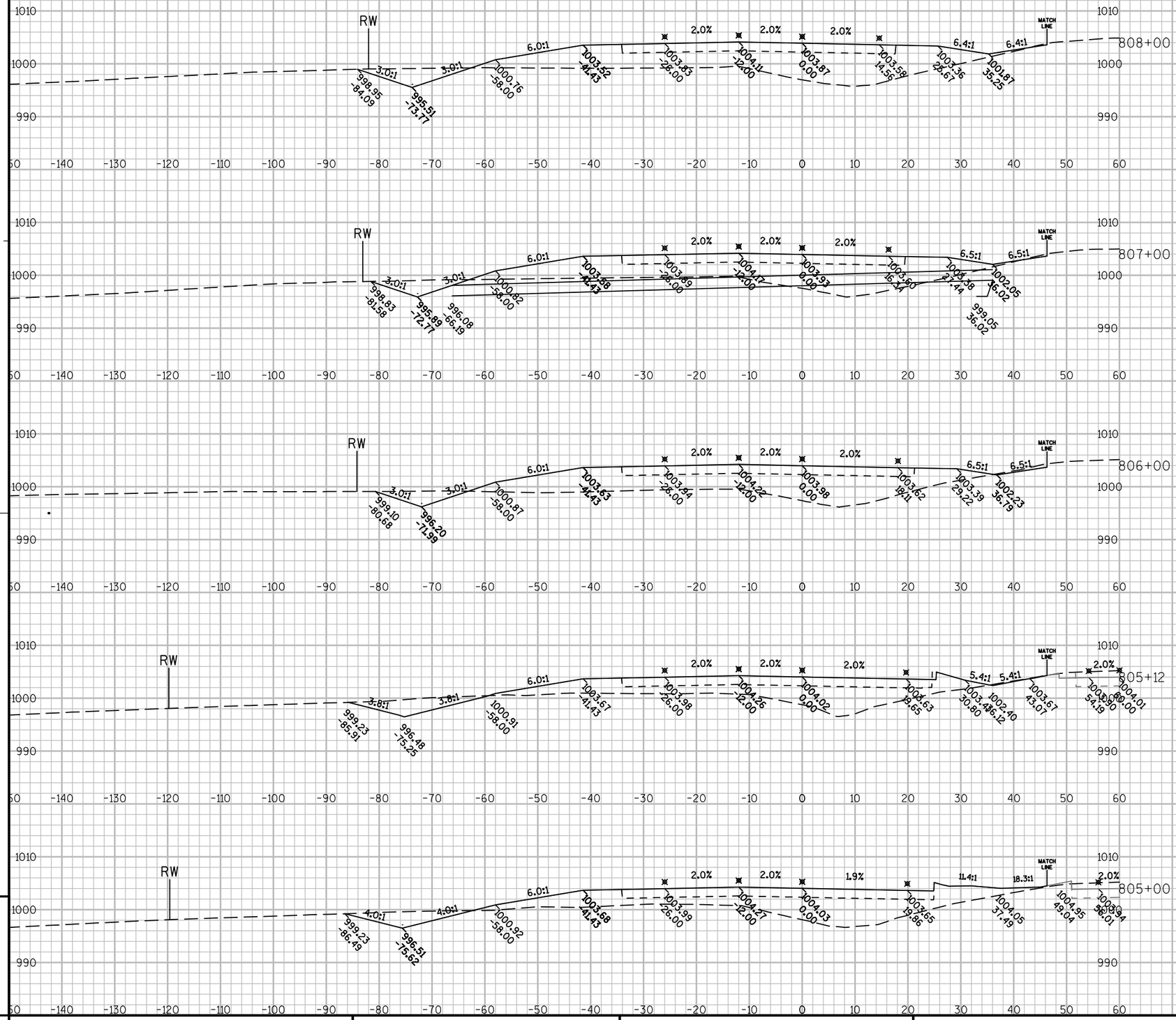
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_03.DWG PLOT DATE : 9/30/2014 7:03 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

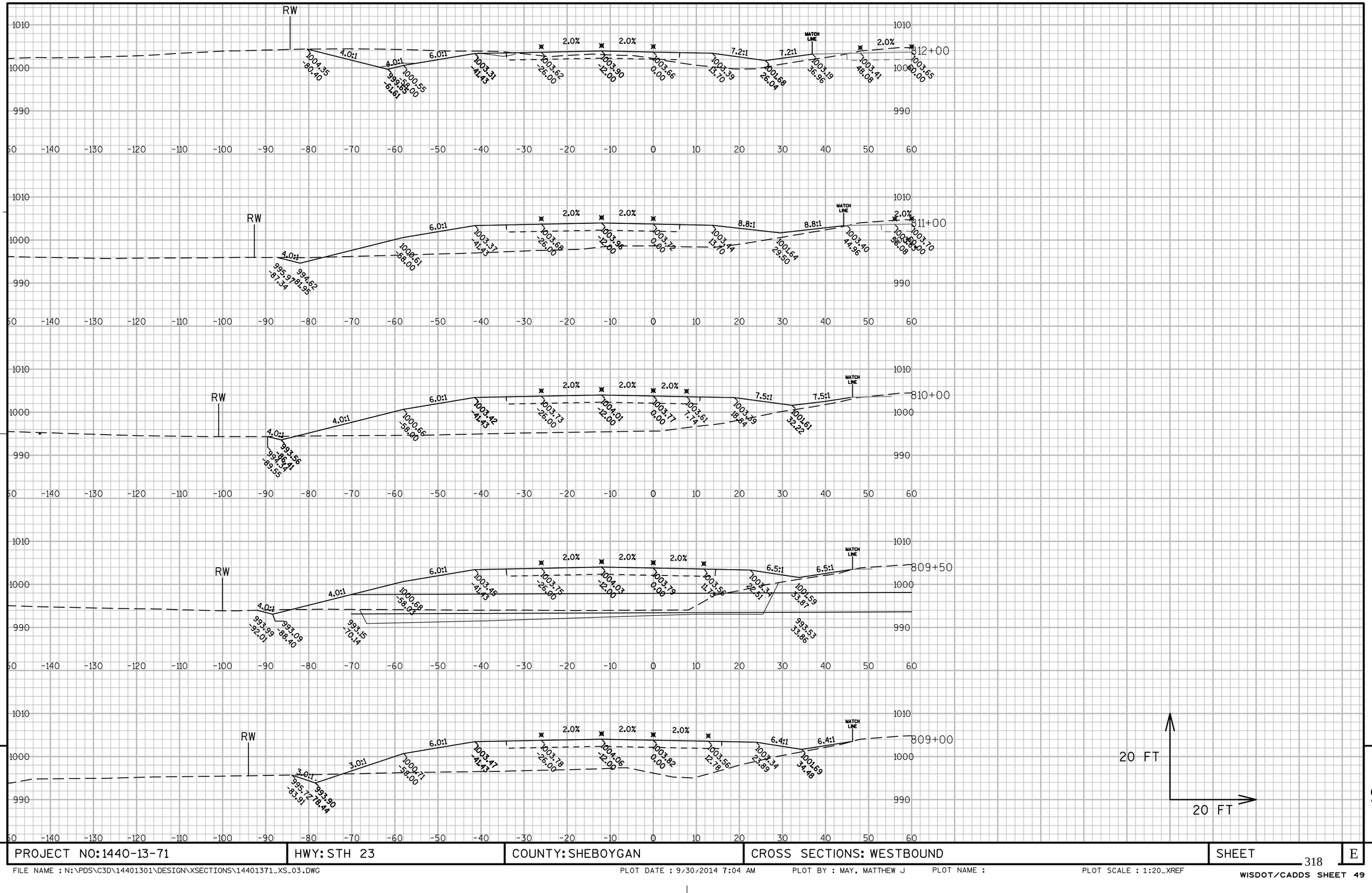
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

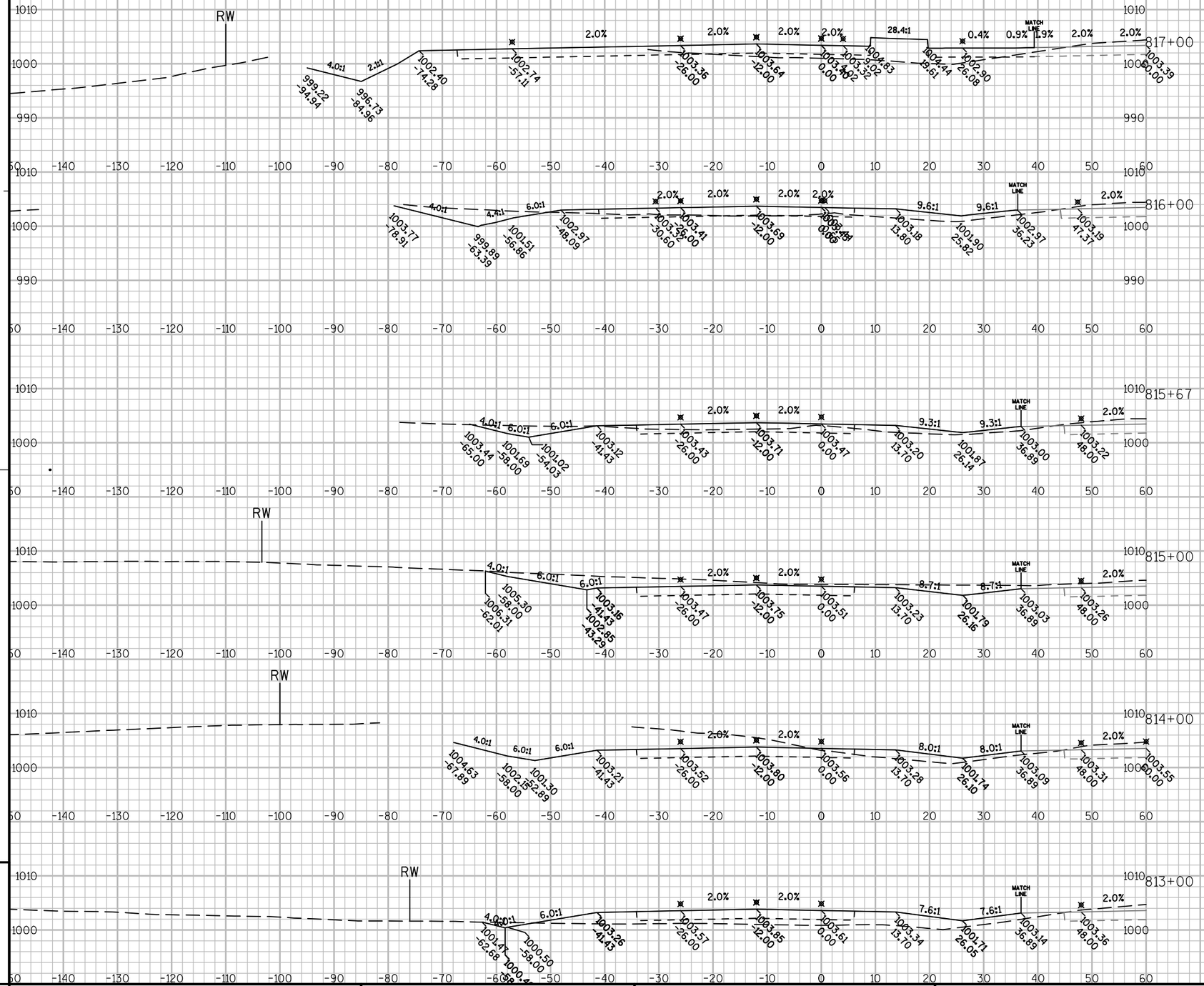
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WISDOT/CADDS SHEET 49



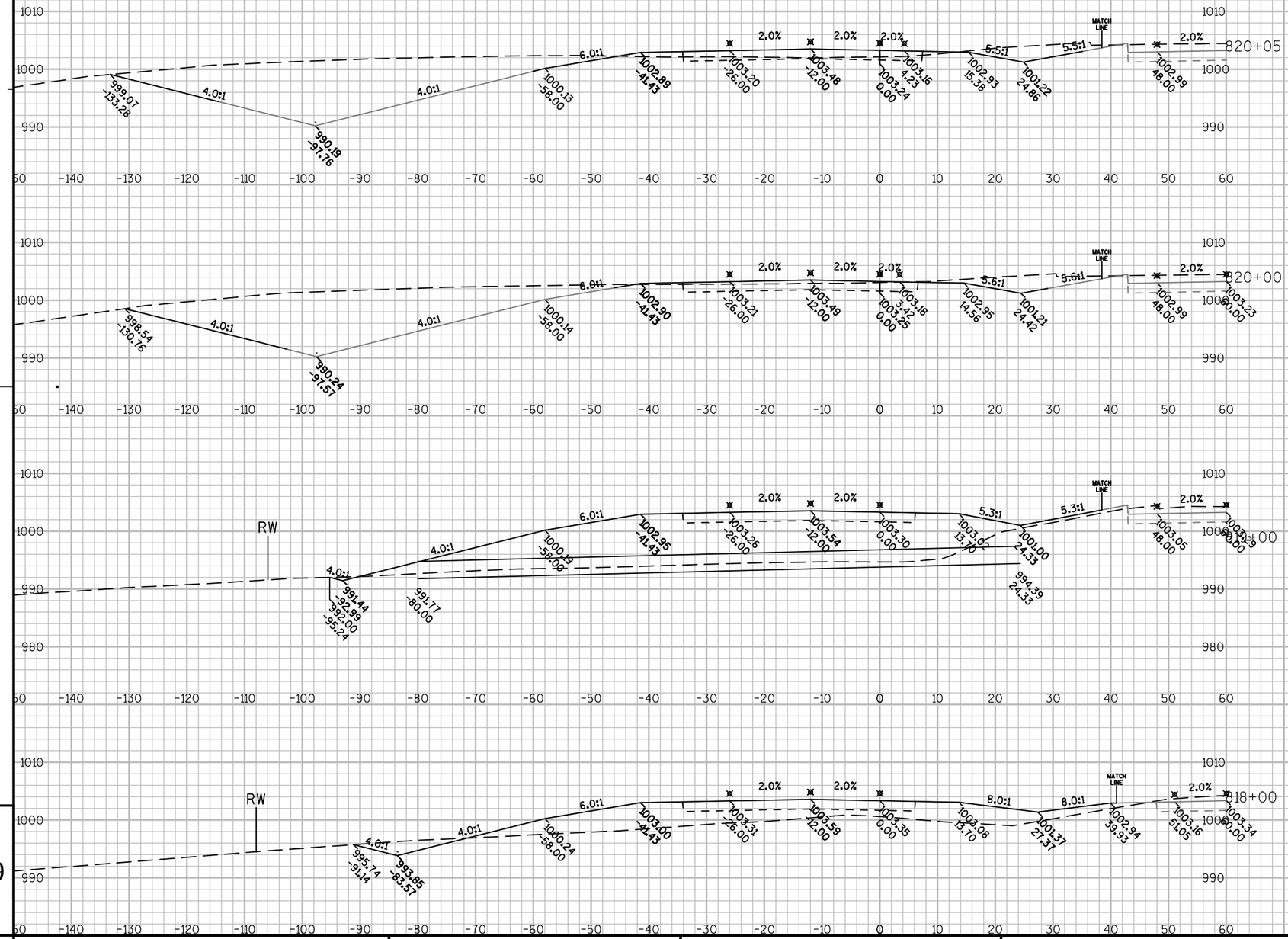
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_03.DWG PLOT DATE : 9/30/2014 7:04 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

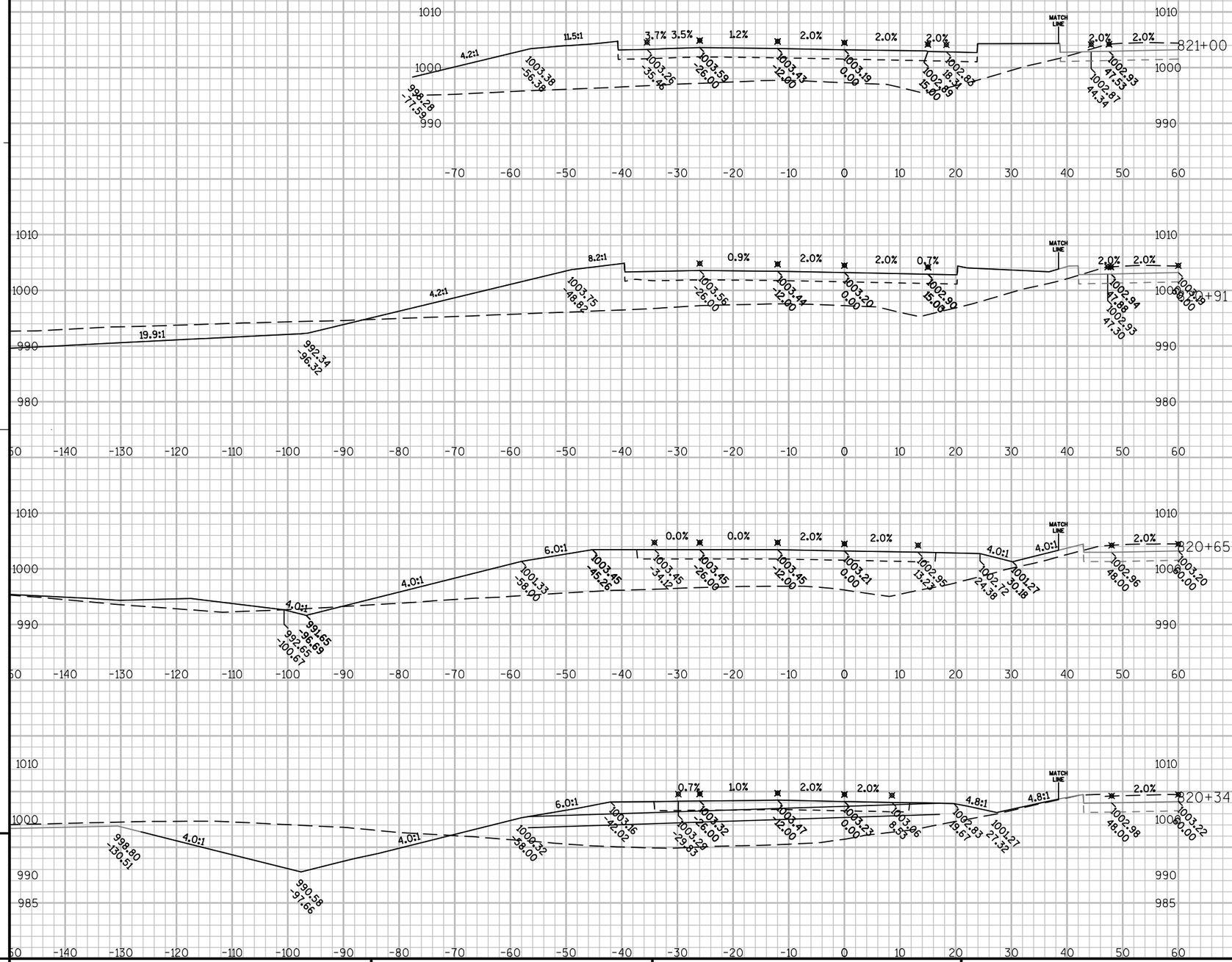
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_03.DWG PLOT DATE : 9/30/2014 7:05 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

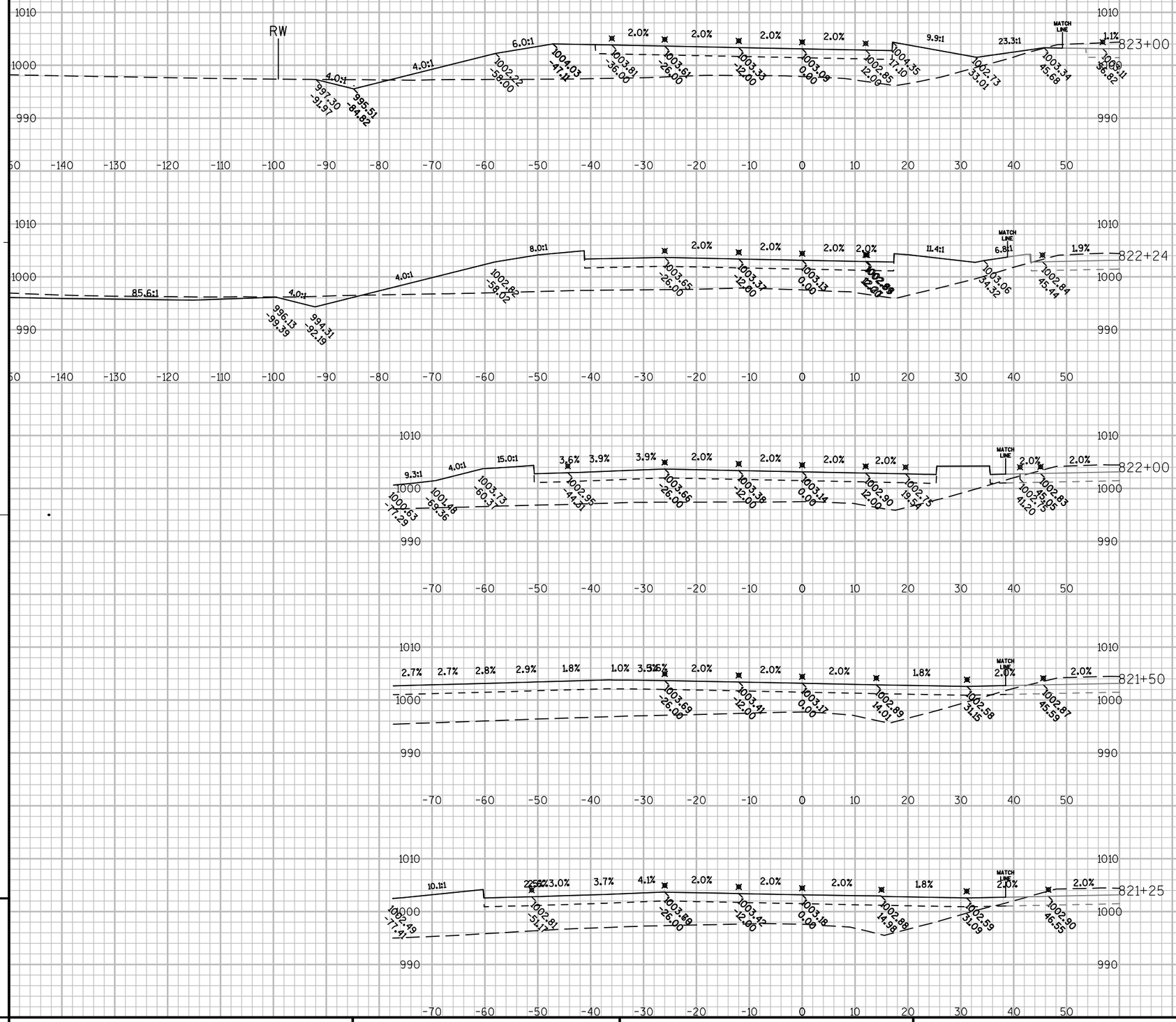
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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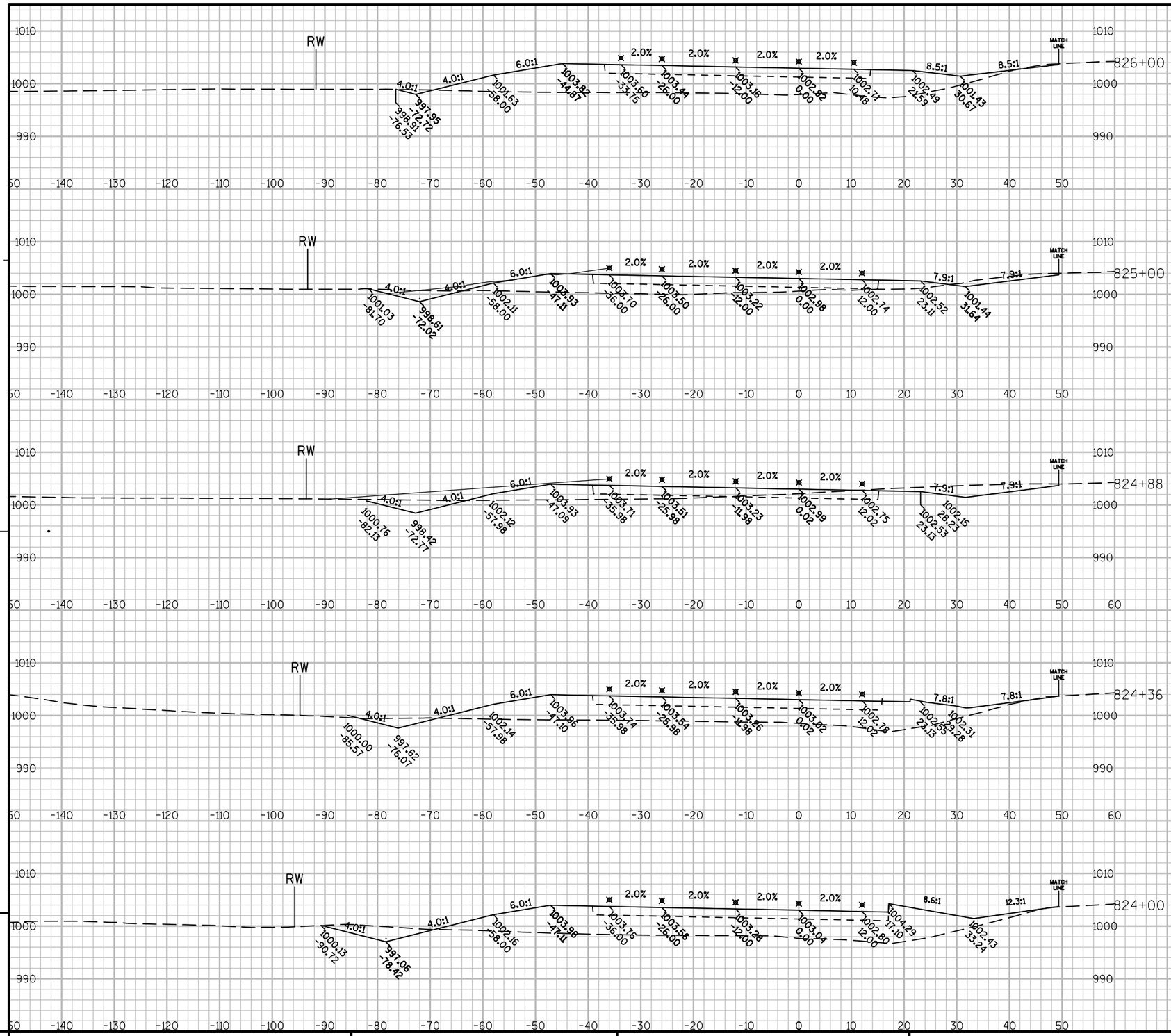
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_03.DWG PLOT DATE : 9/30/2014 7:05 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

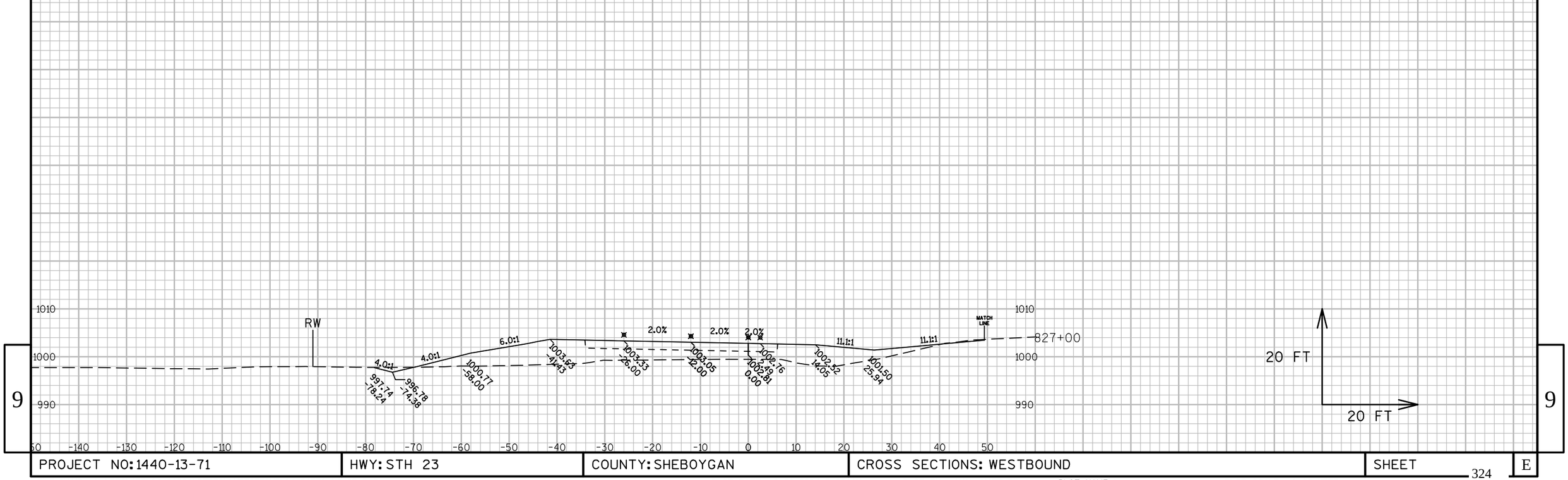
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

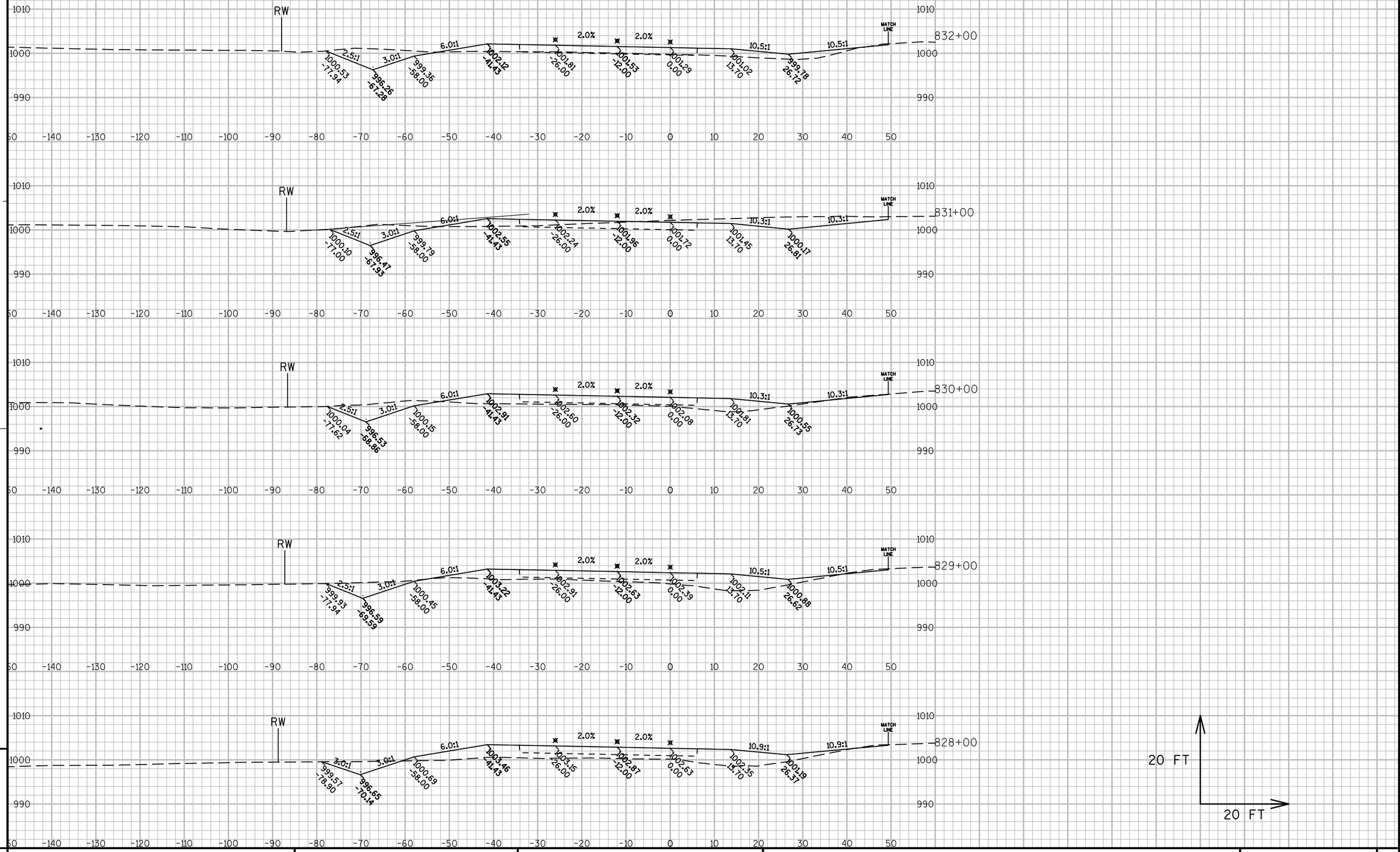
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

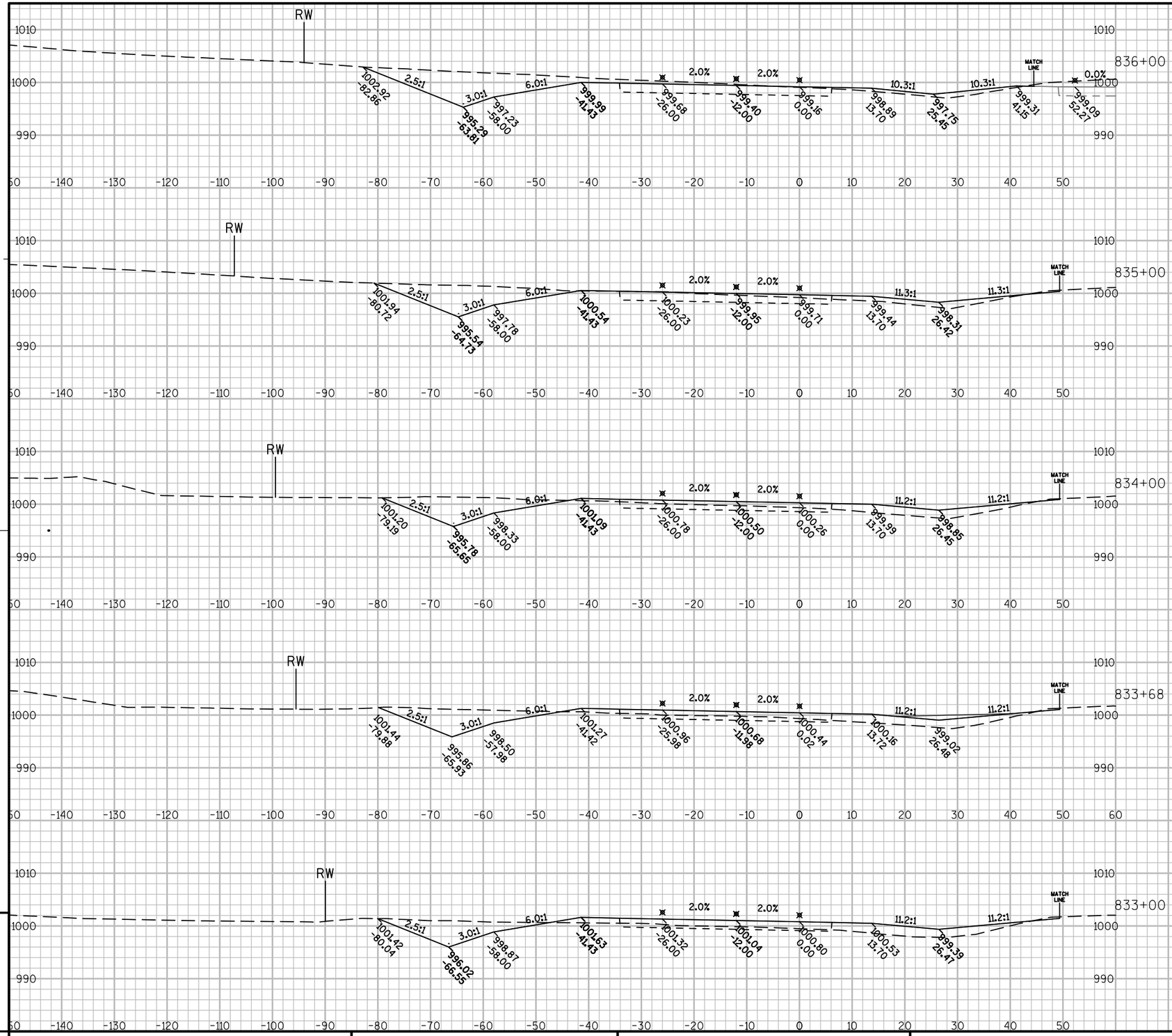
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 7:08 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



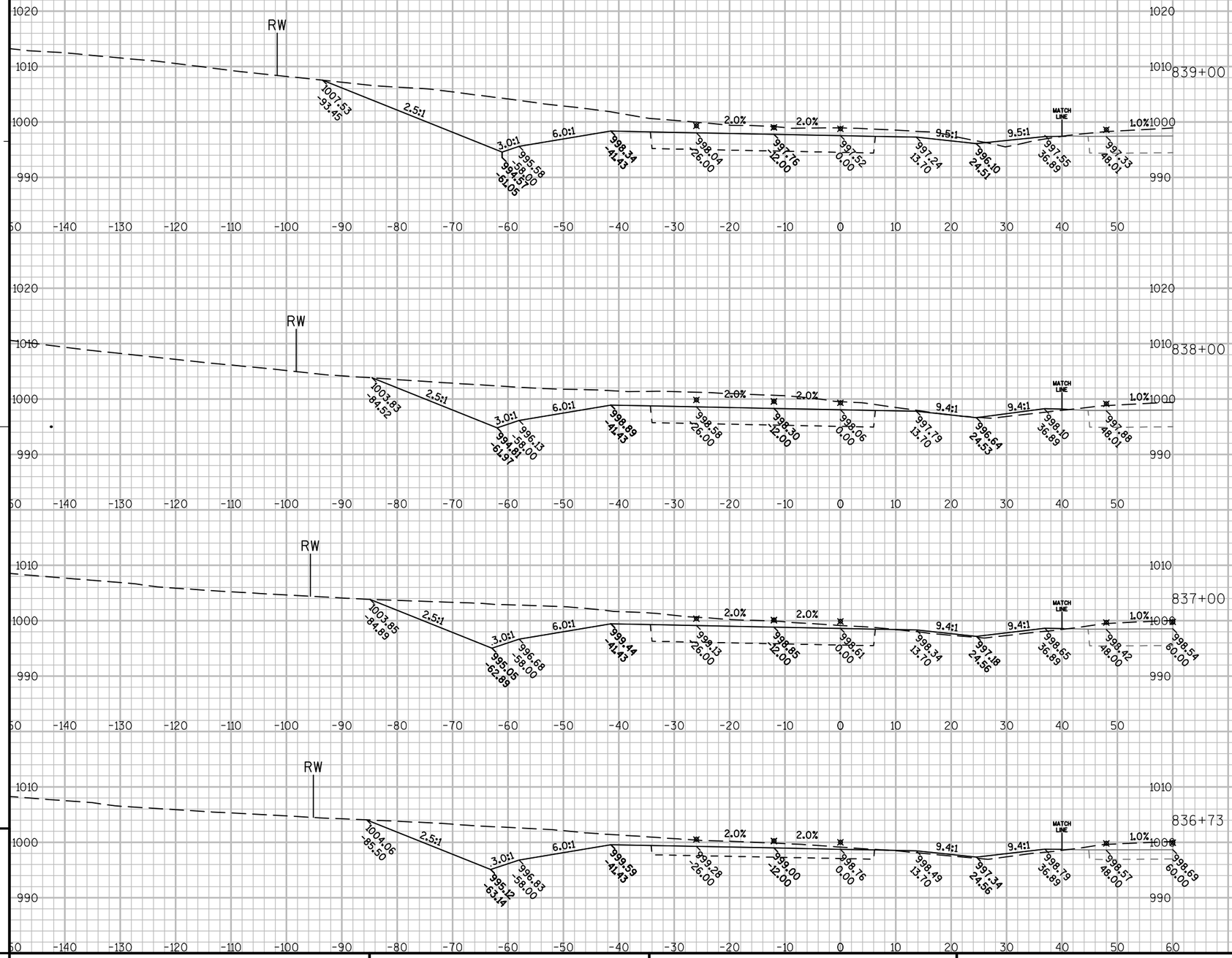
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 7:08 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



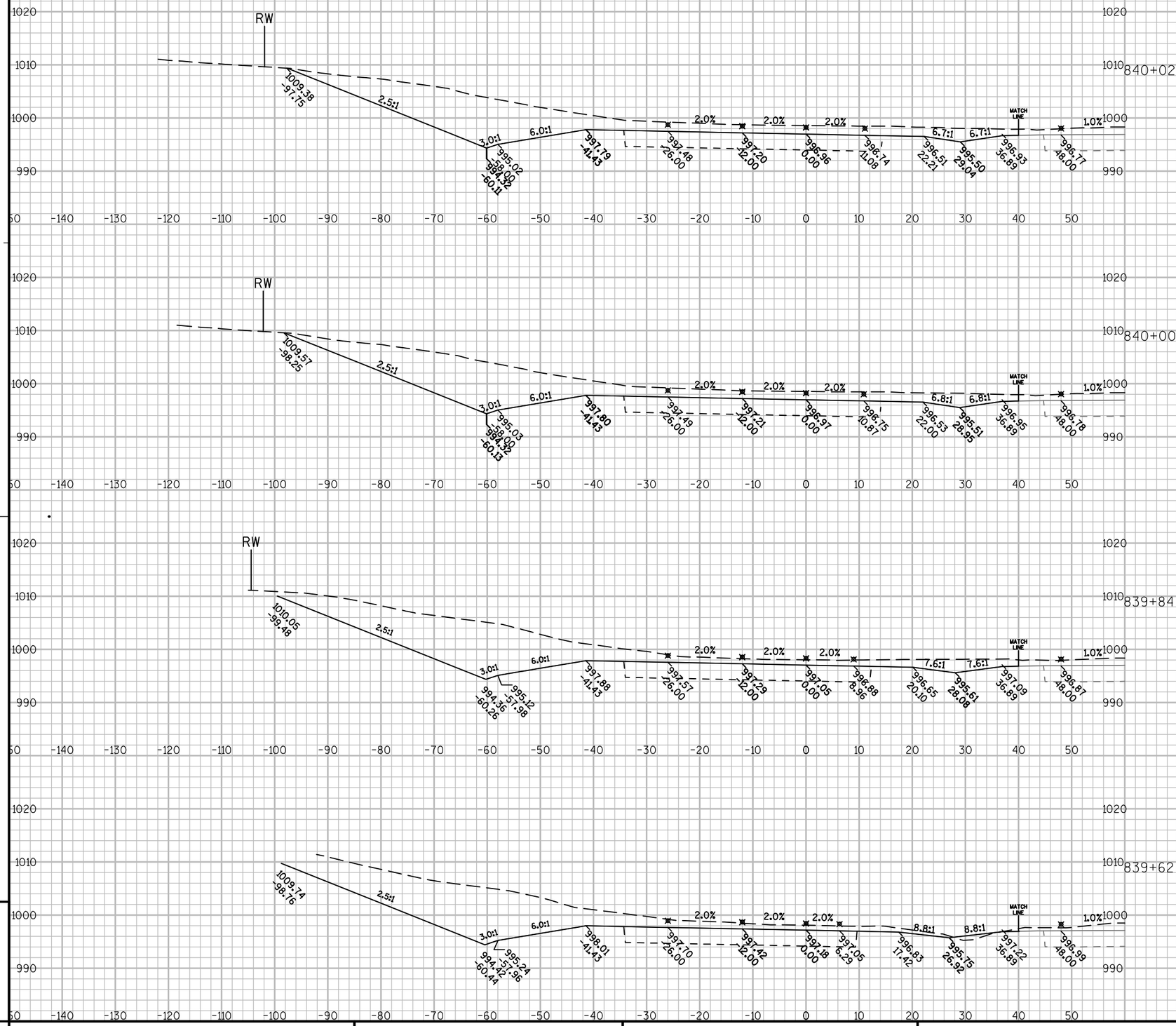
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

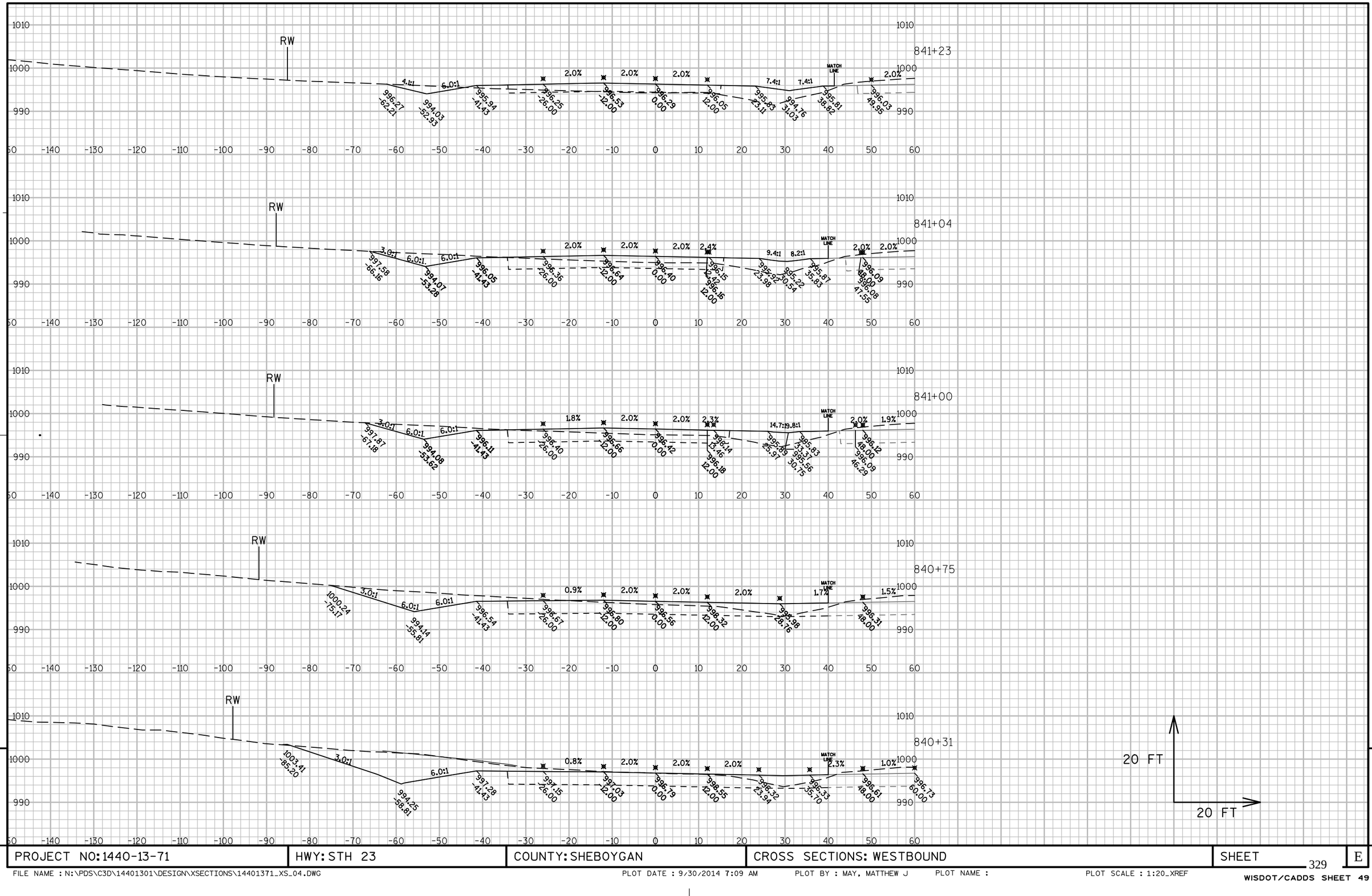
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WISDOT/CADDS SHEET 49



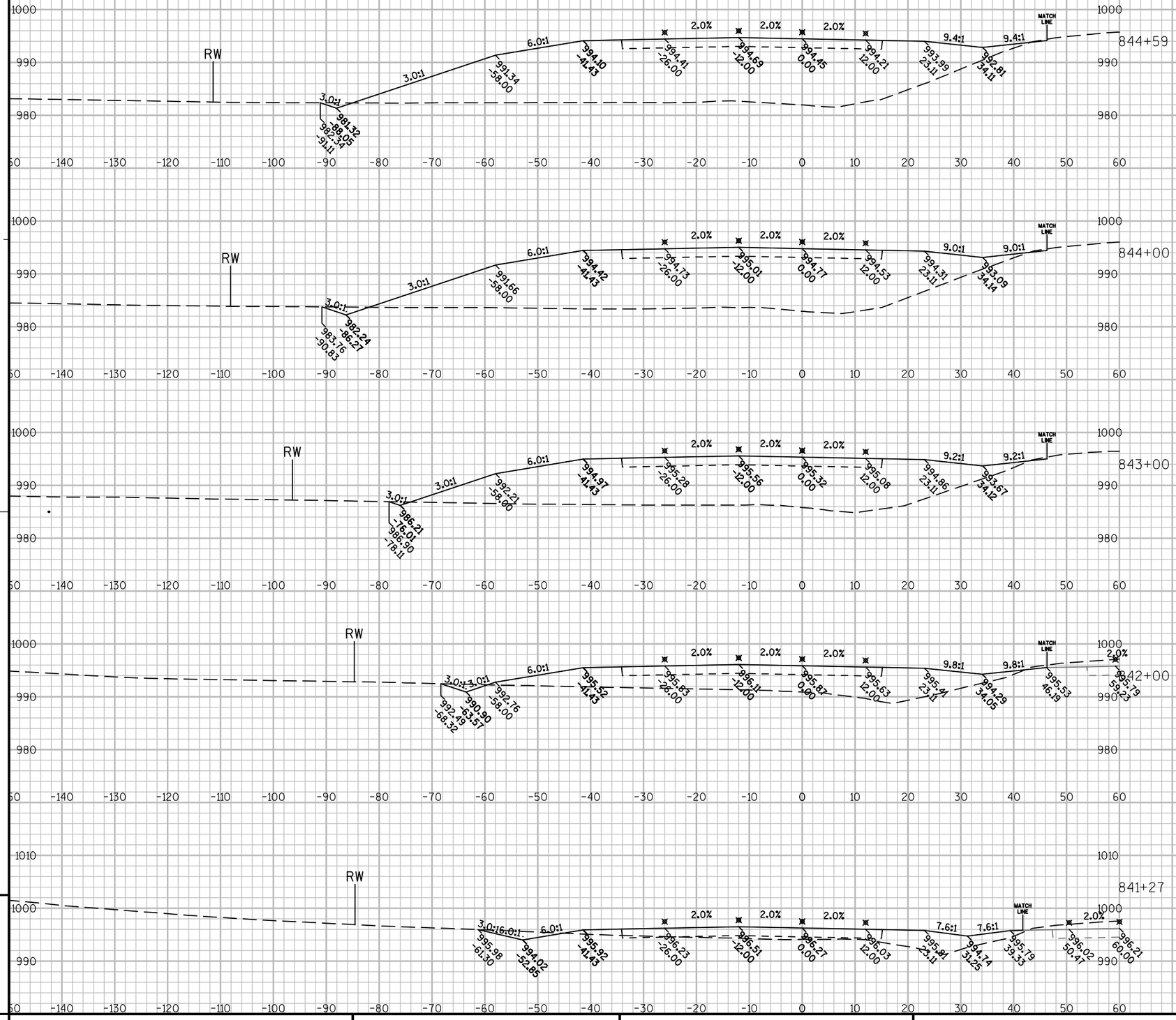
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 7:09 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



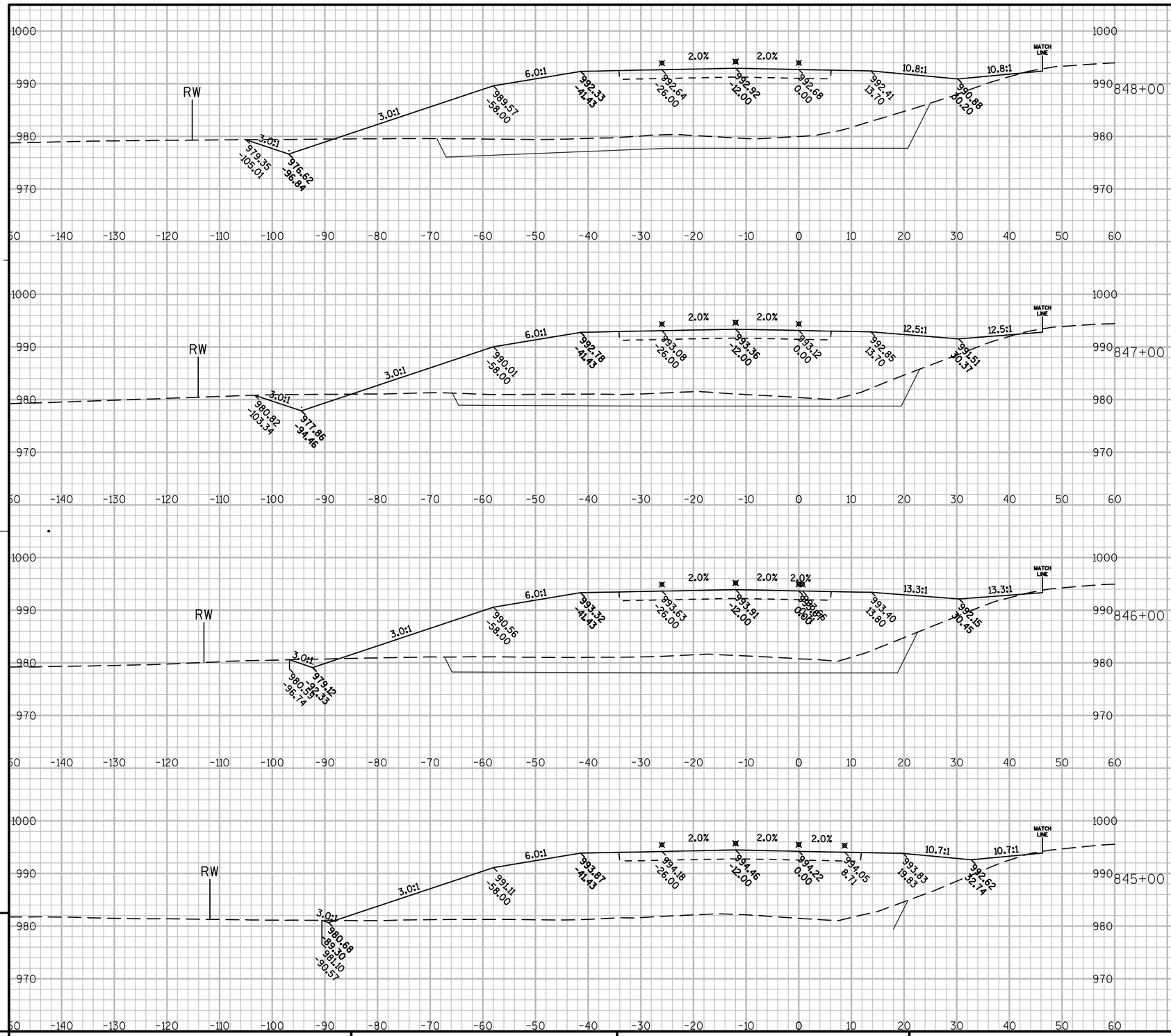
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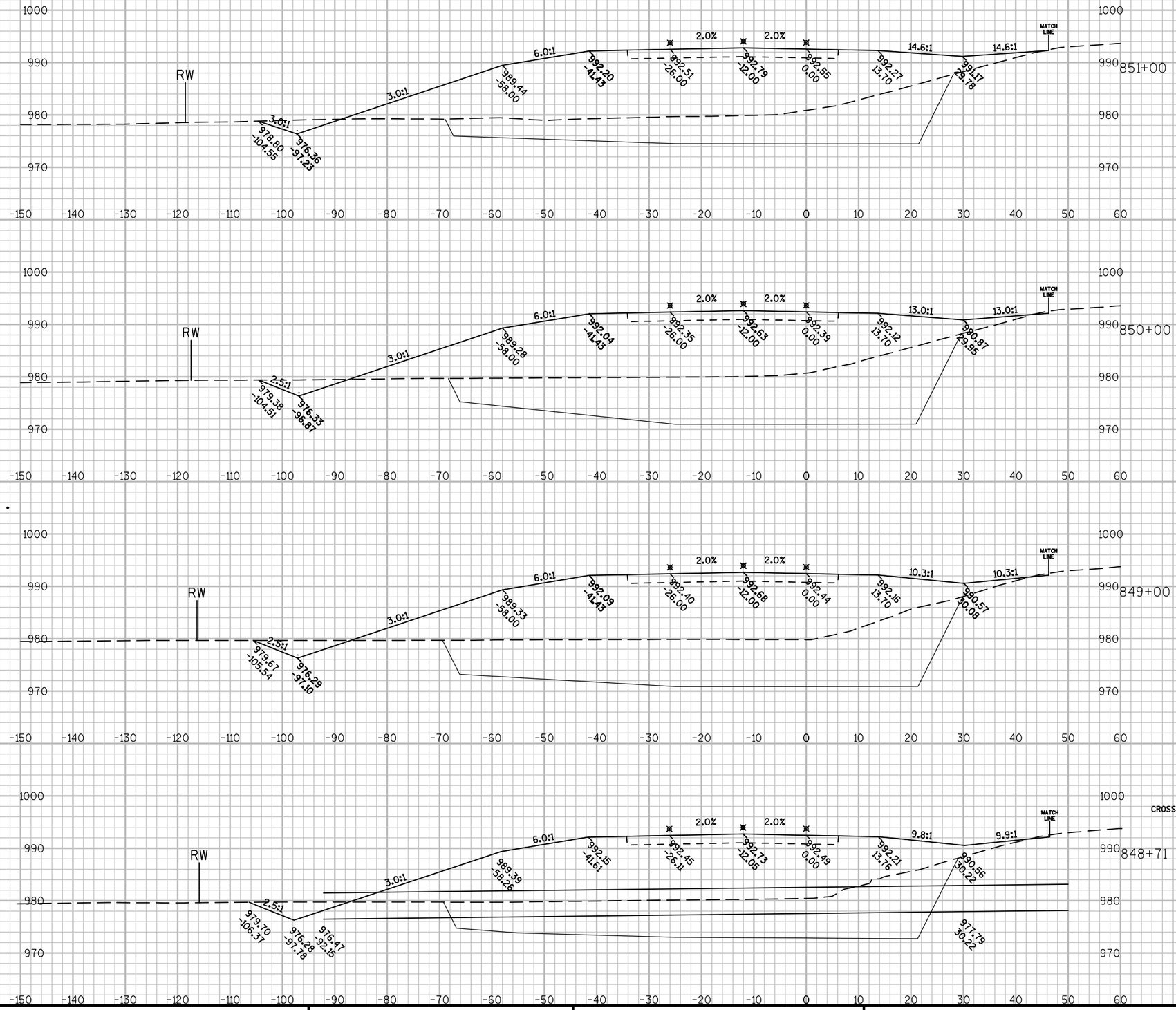
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 7:10 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

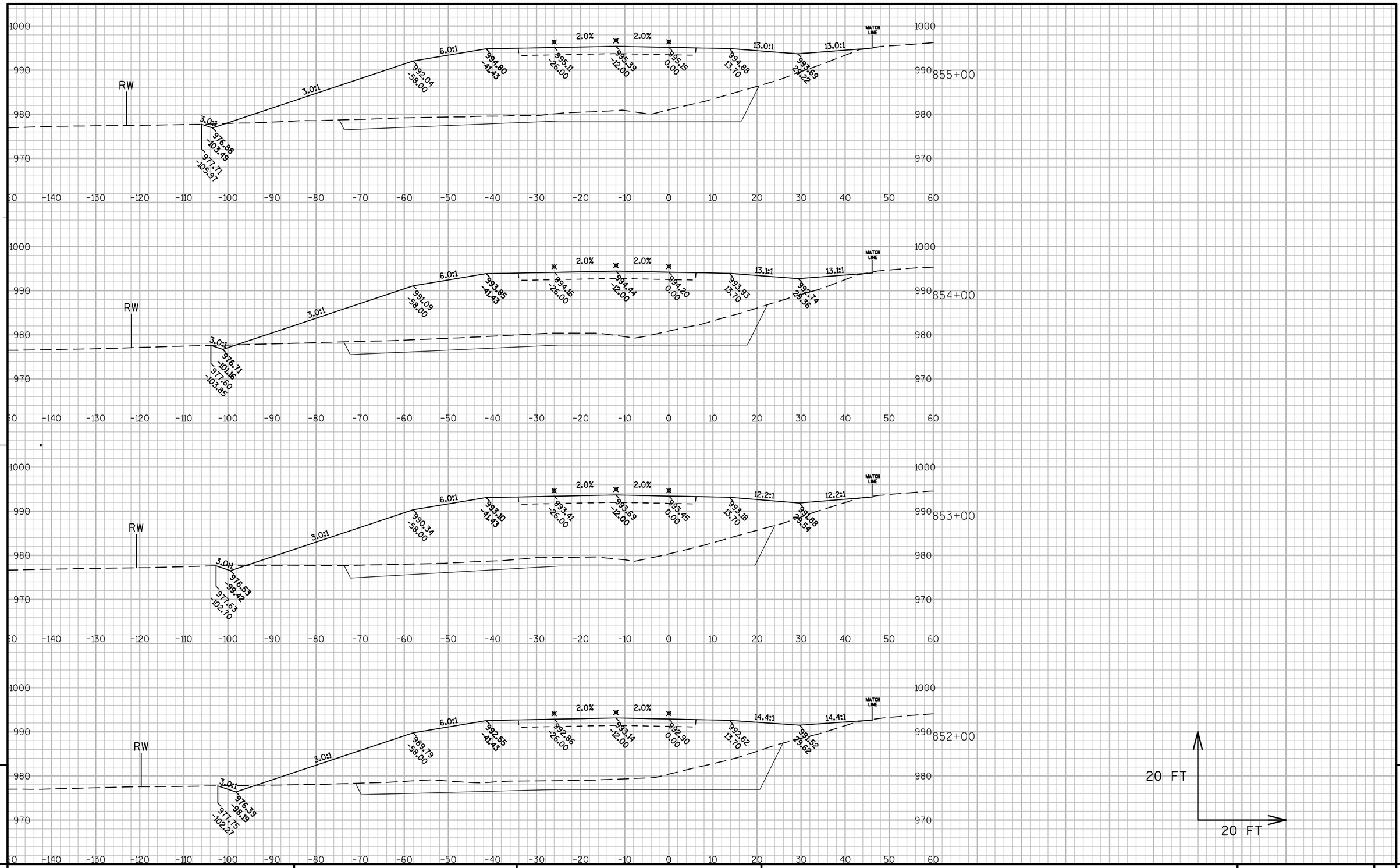


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 7:10 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



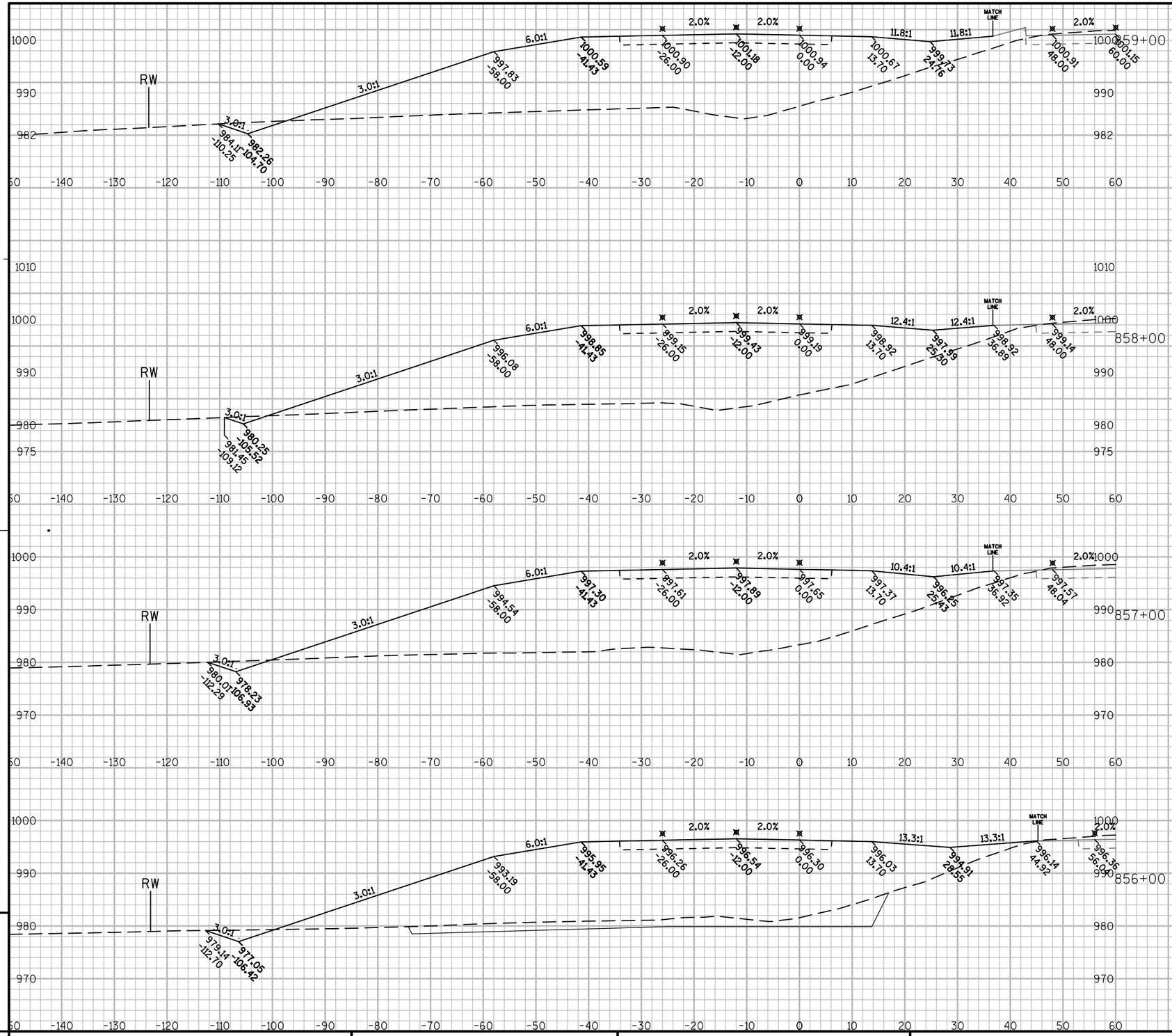
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

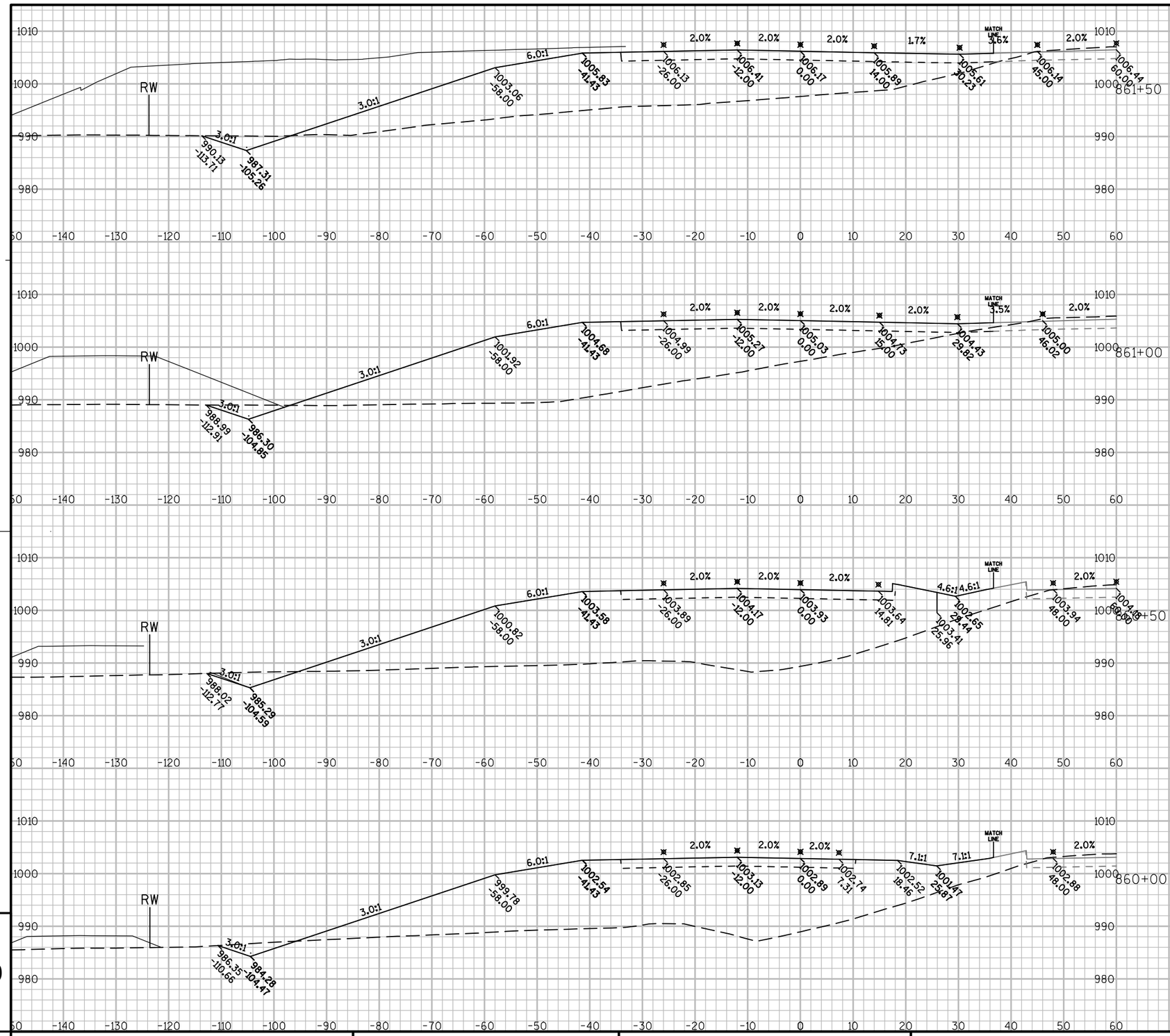
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 7:11 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



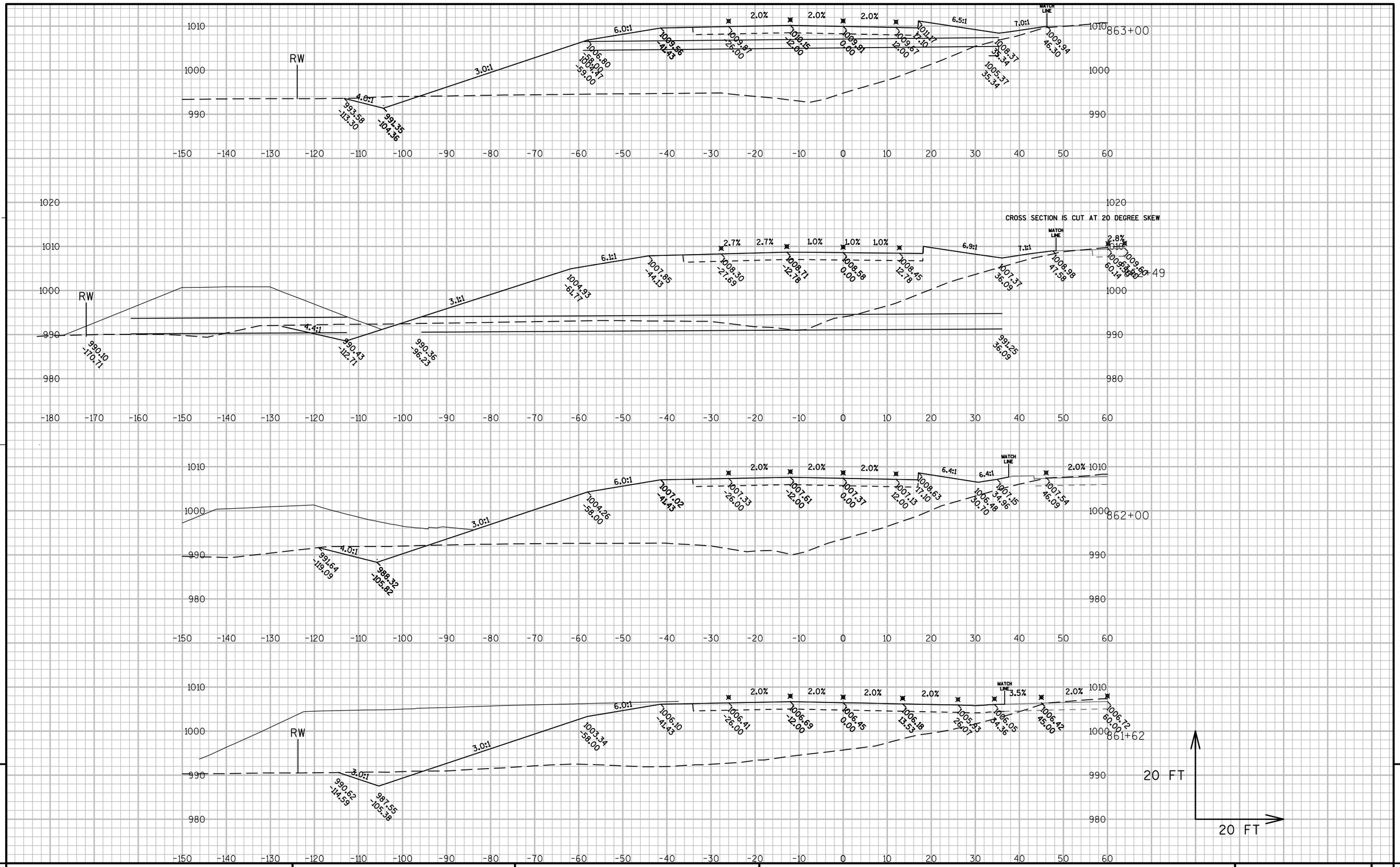
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 335	E

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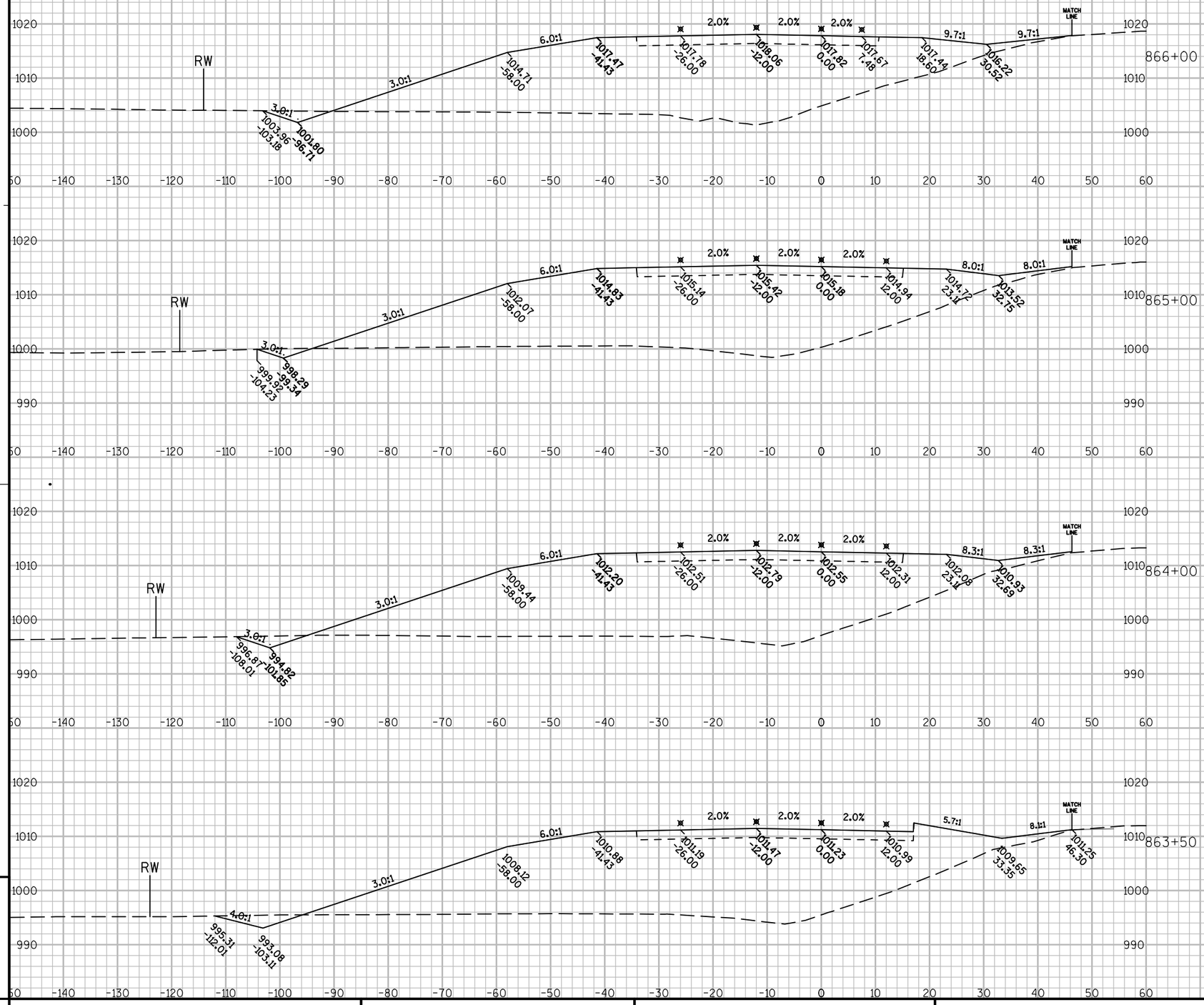
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 336	E

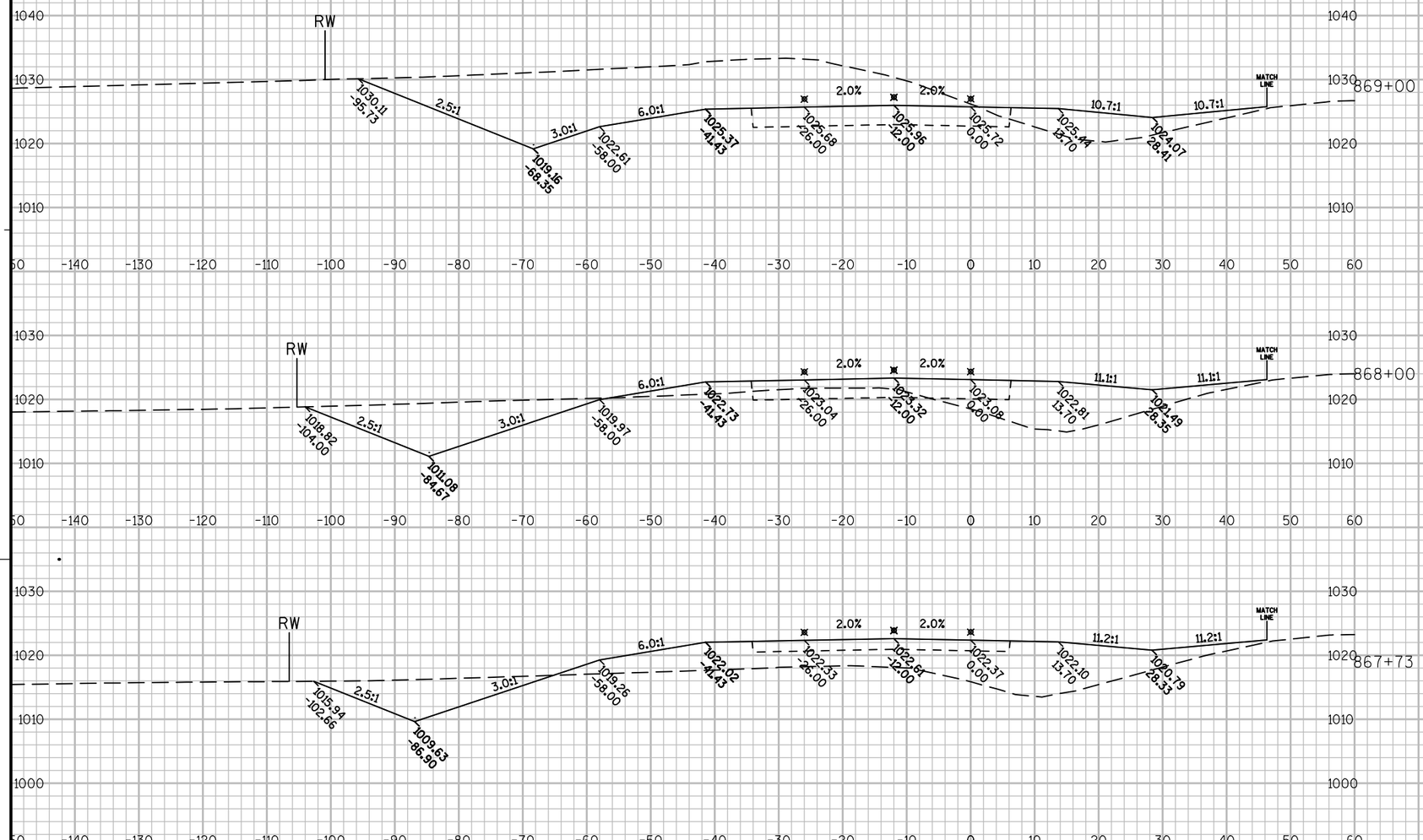
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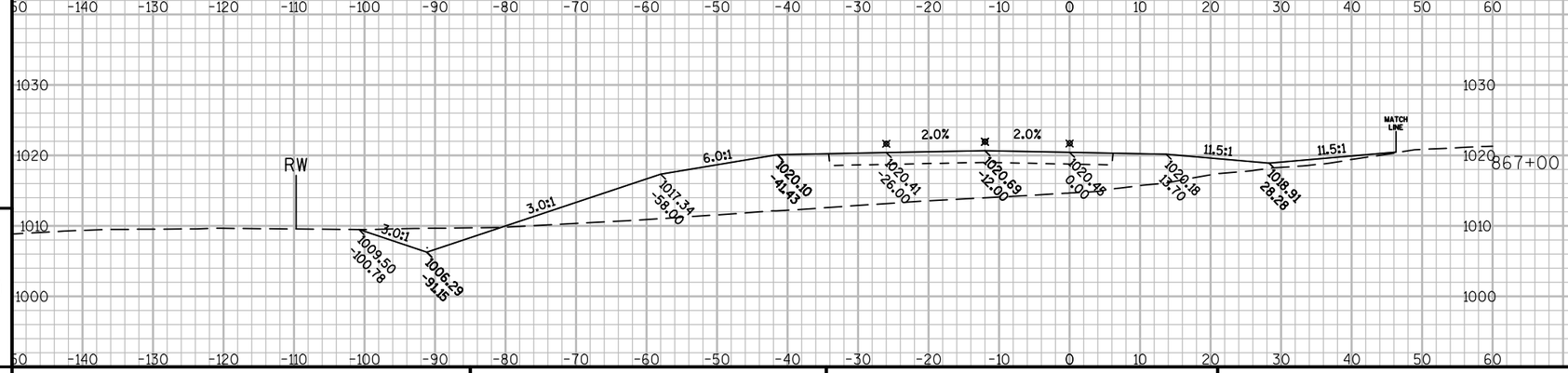
WISDOT/CADDS SHEET 49

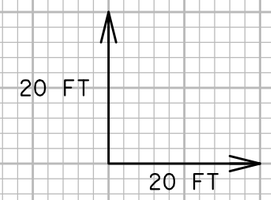


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 7:12 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

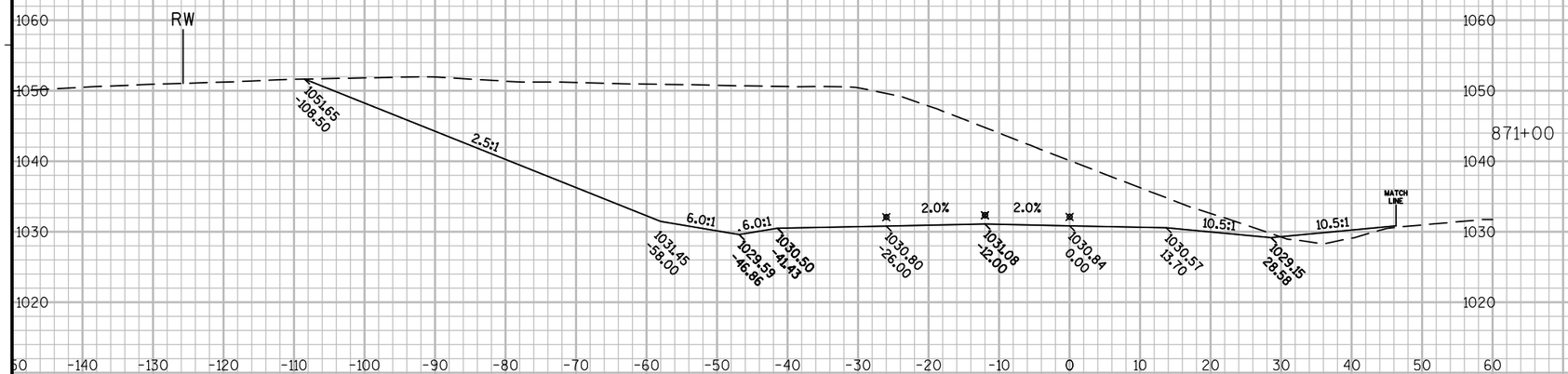


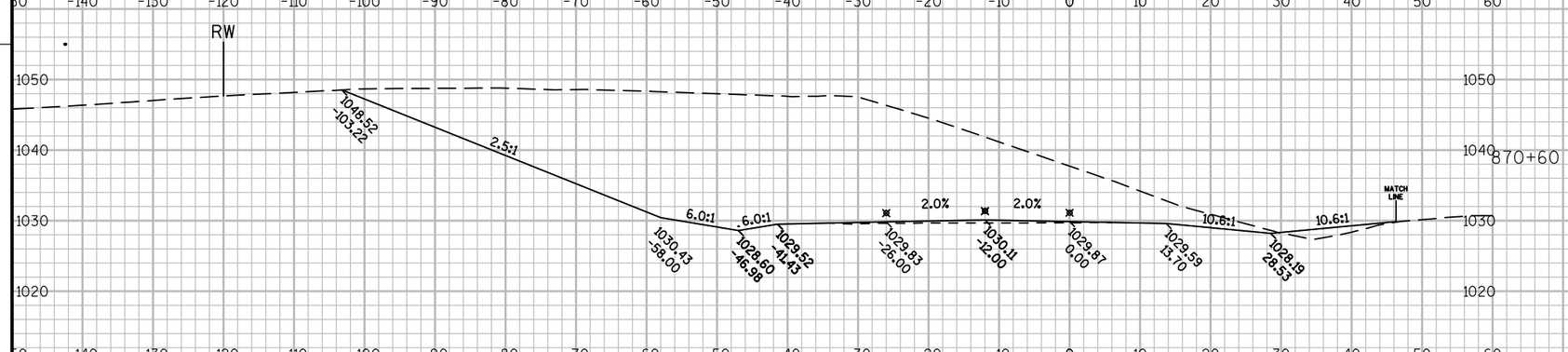


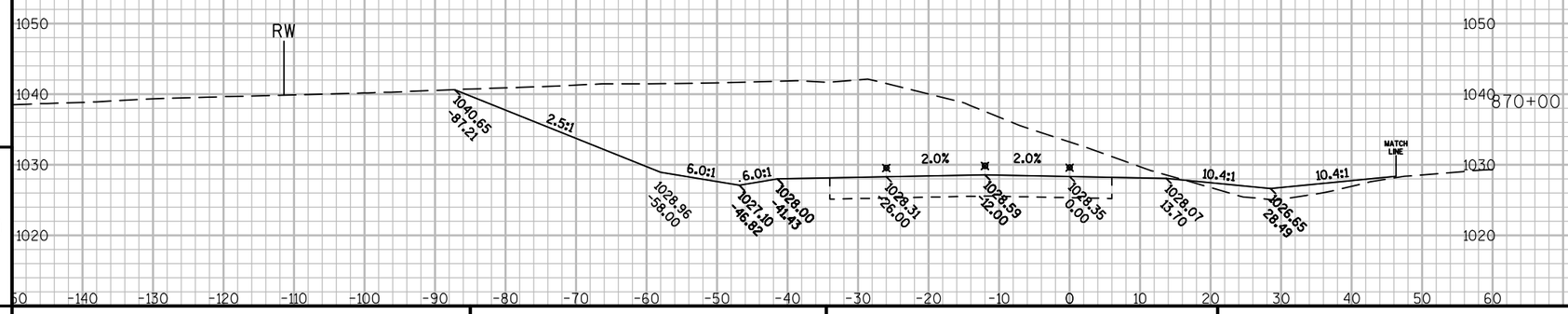


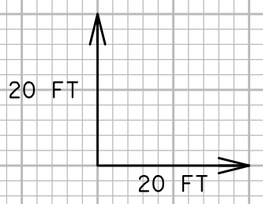
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_05.DWG PLOT DATE : 9/30/2014 7:14 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF









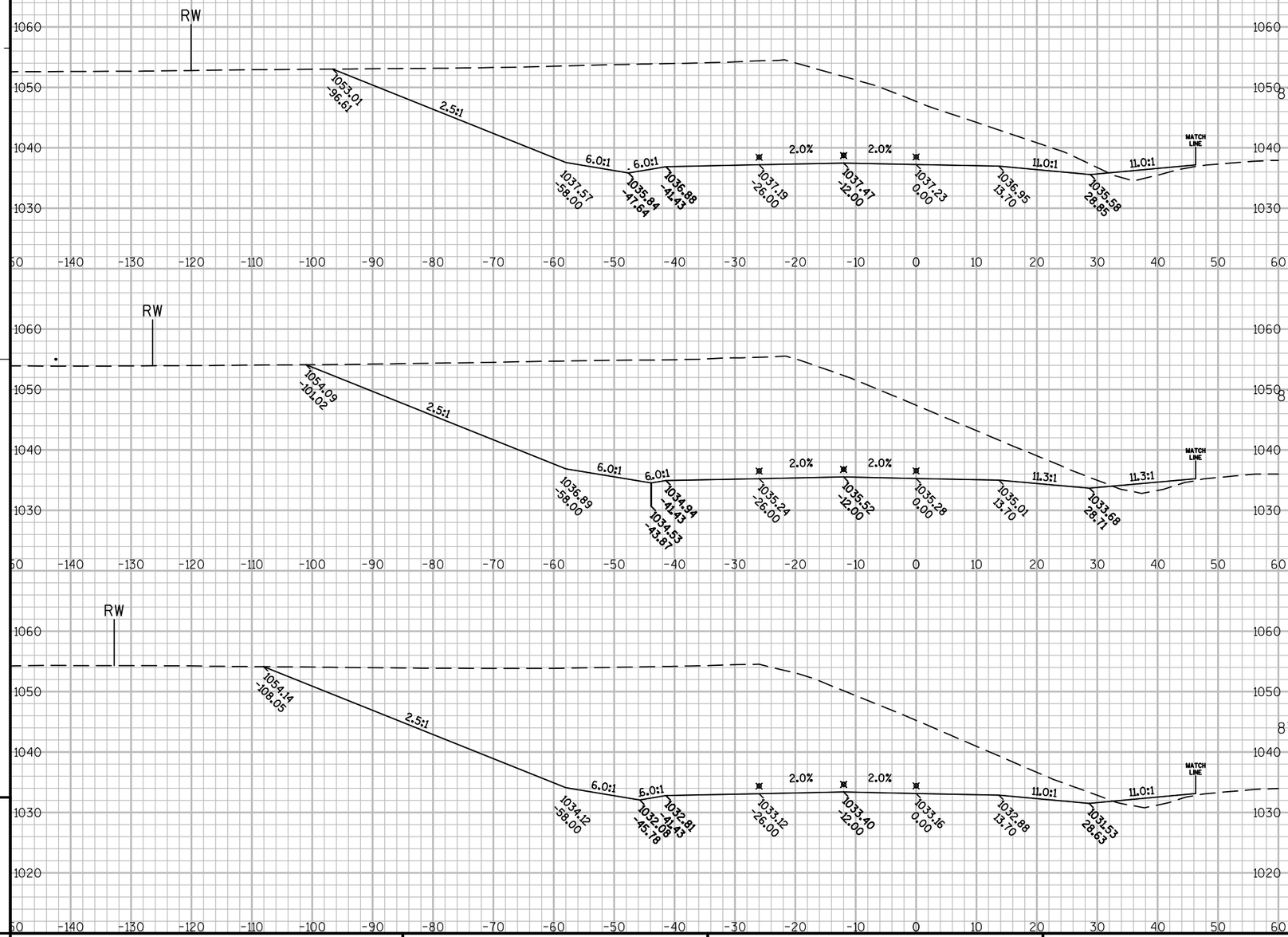
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_05.DWG PLOT DATE : 9/30/2014 7:14 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

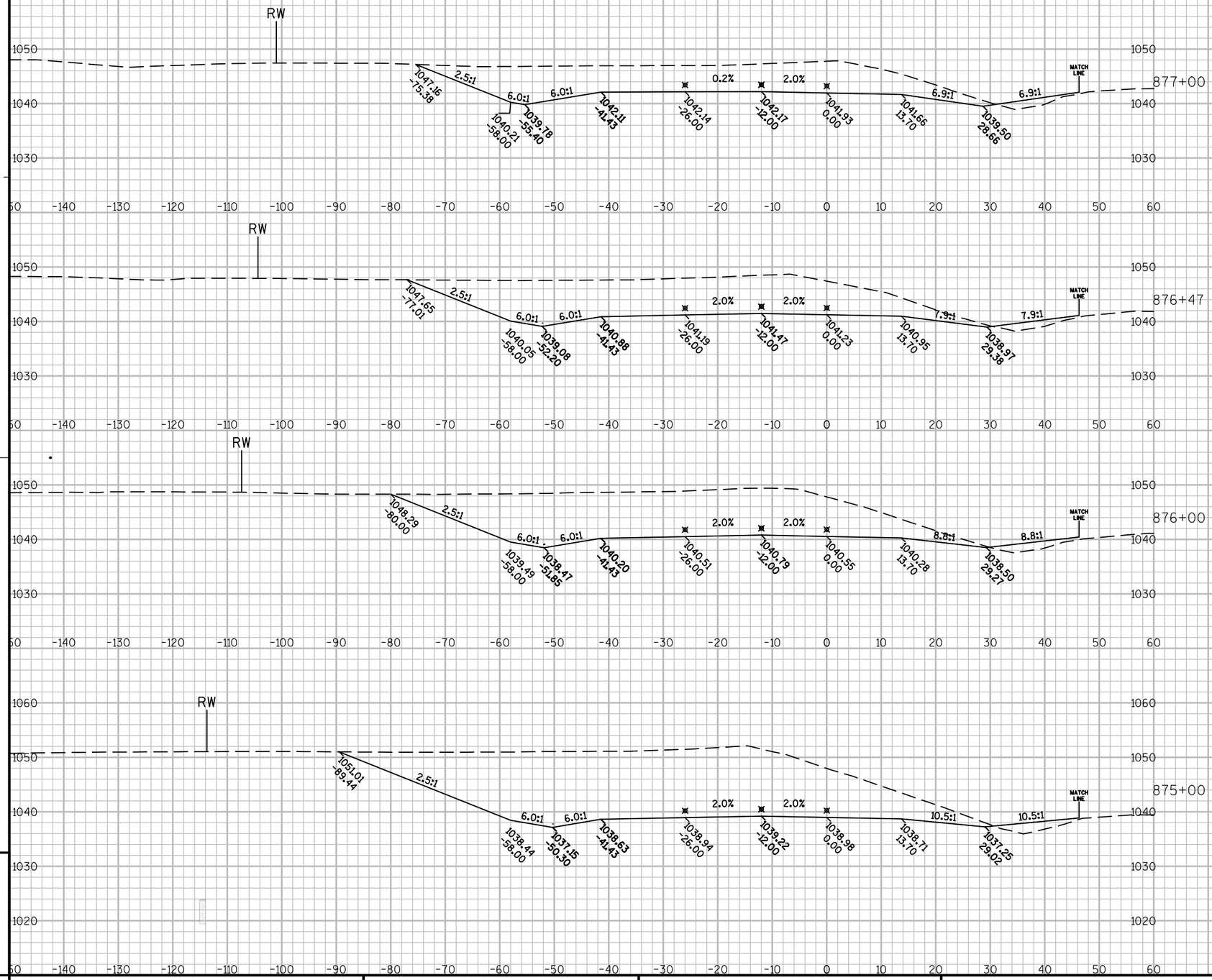
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_05.DWG PLOT DATE : 9/30/2014 7:15 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

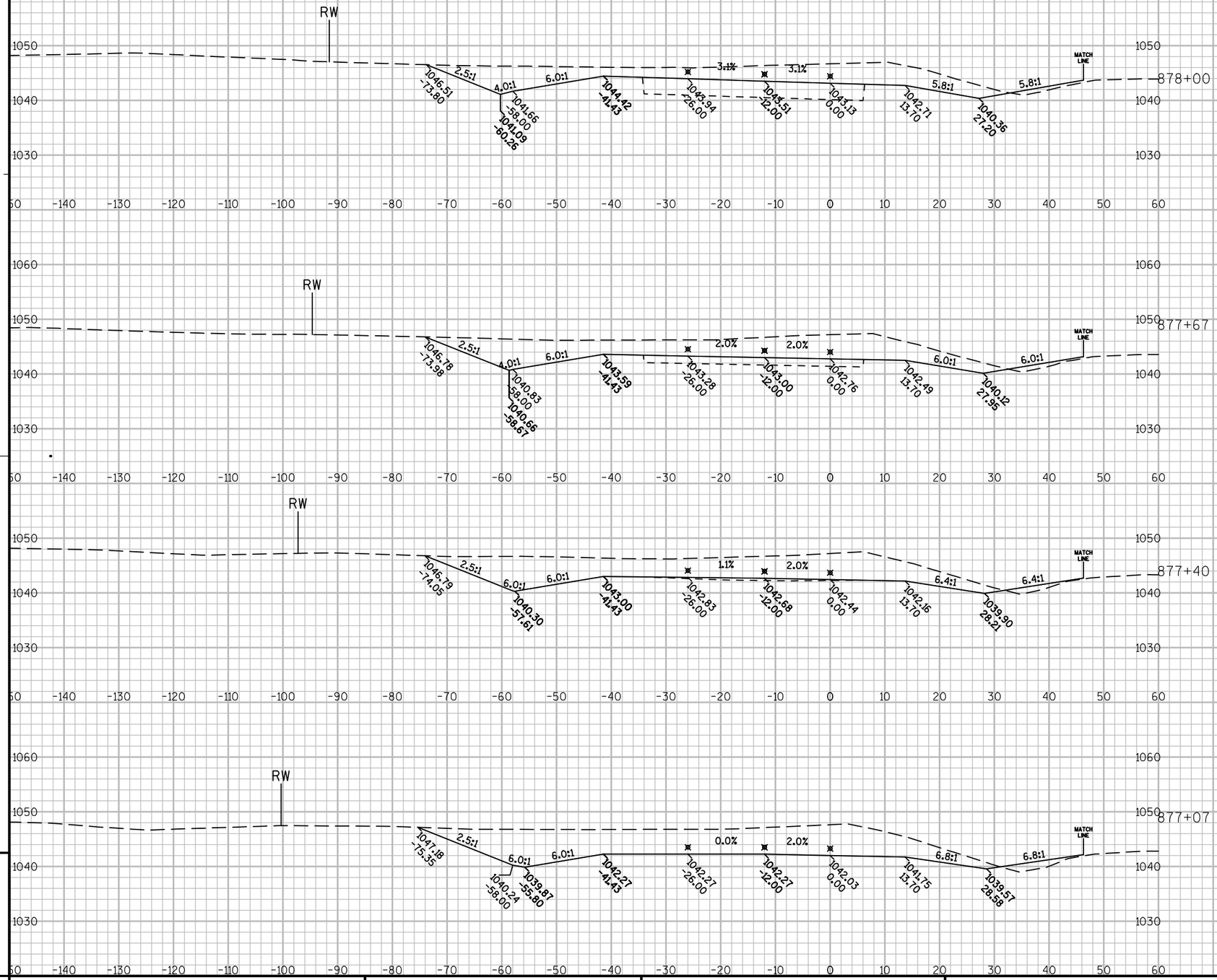
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

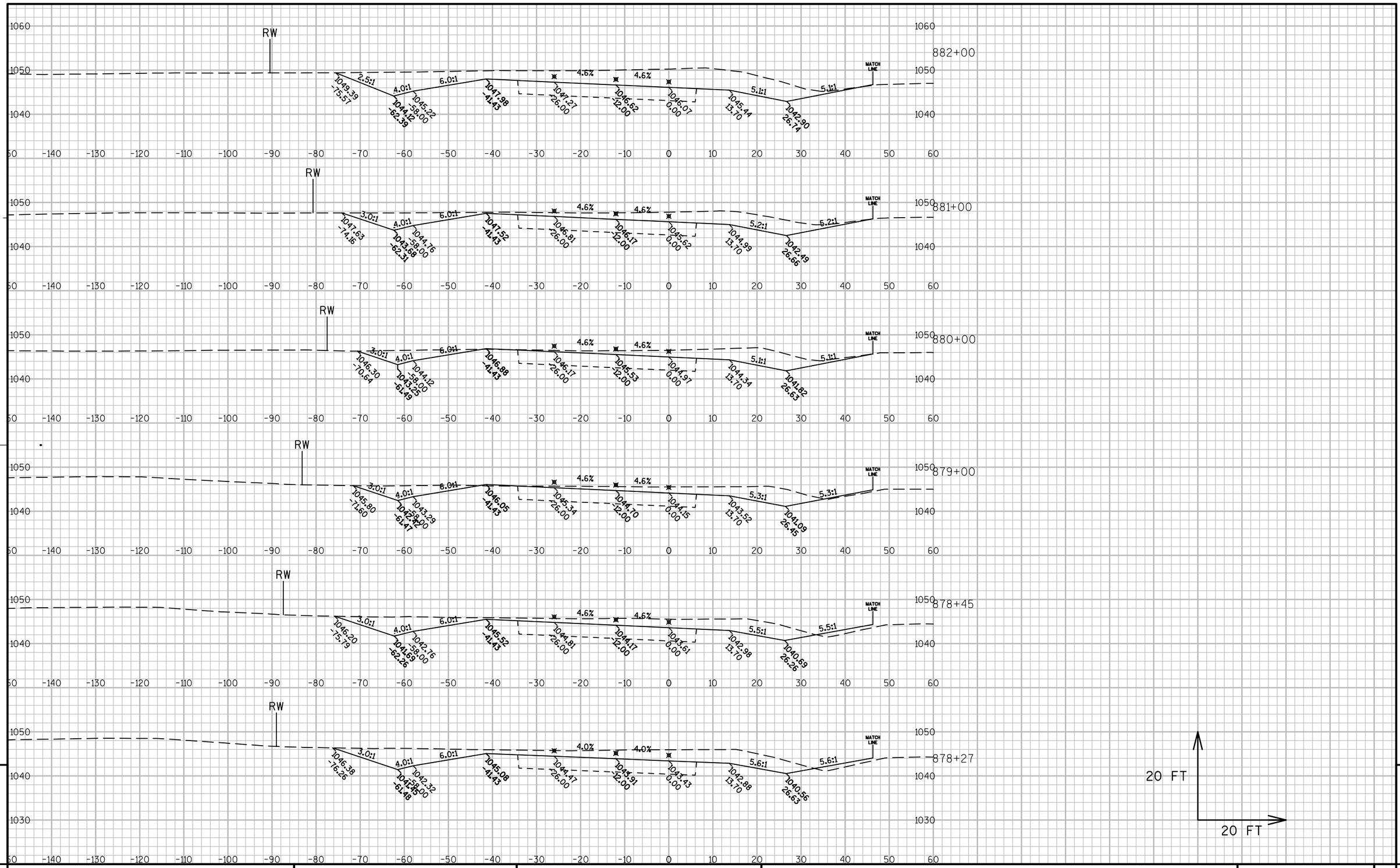
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WISDOT/CADDS SHEET 49



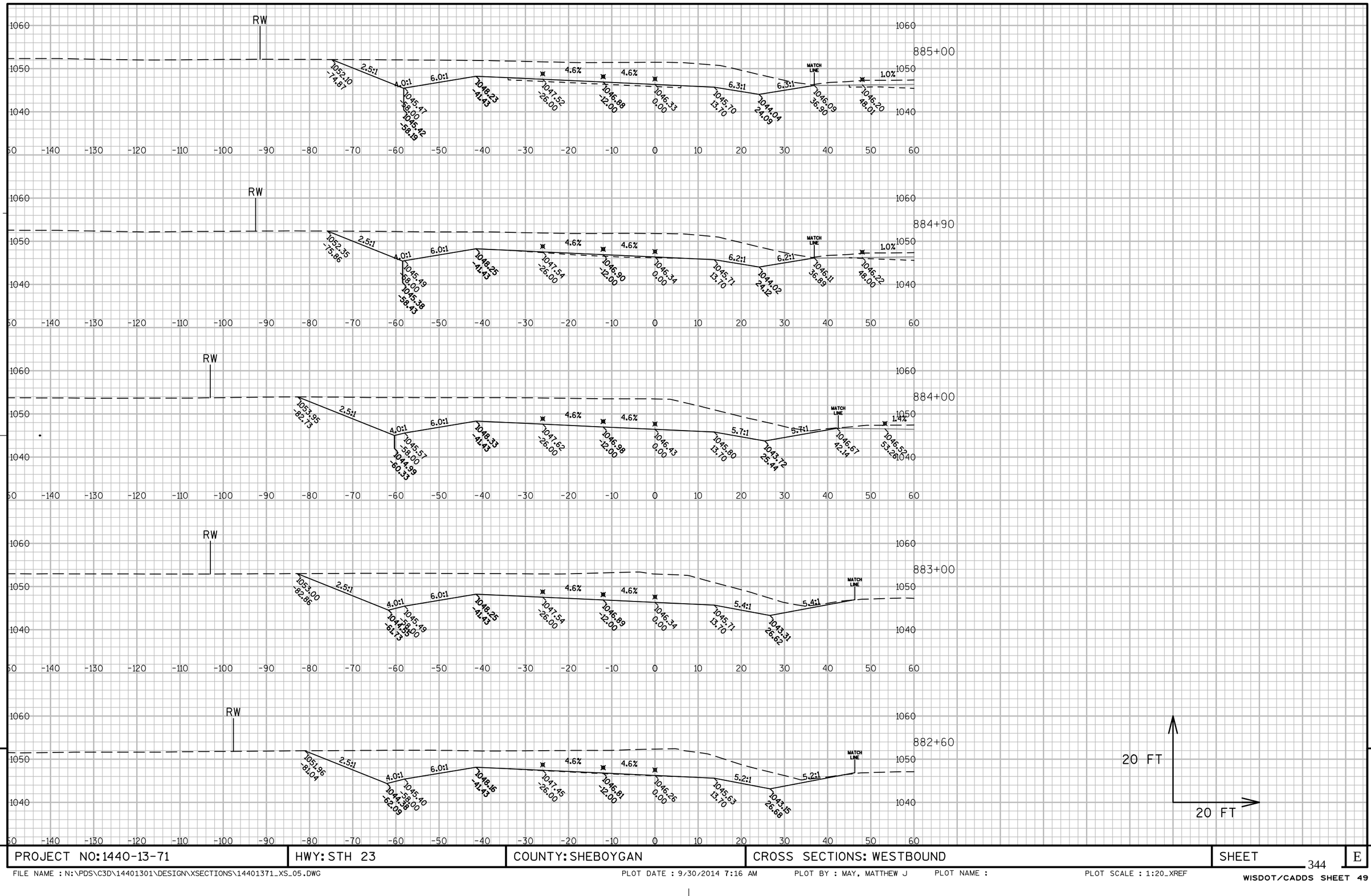
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_05.DWG PLOT DATE : 9/30/2014 7:15 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



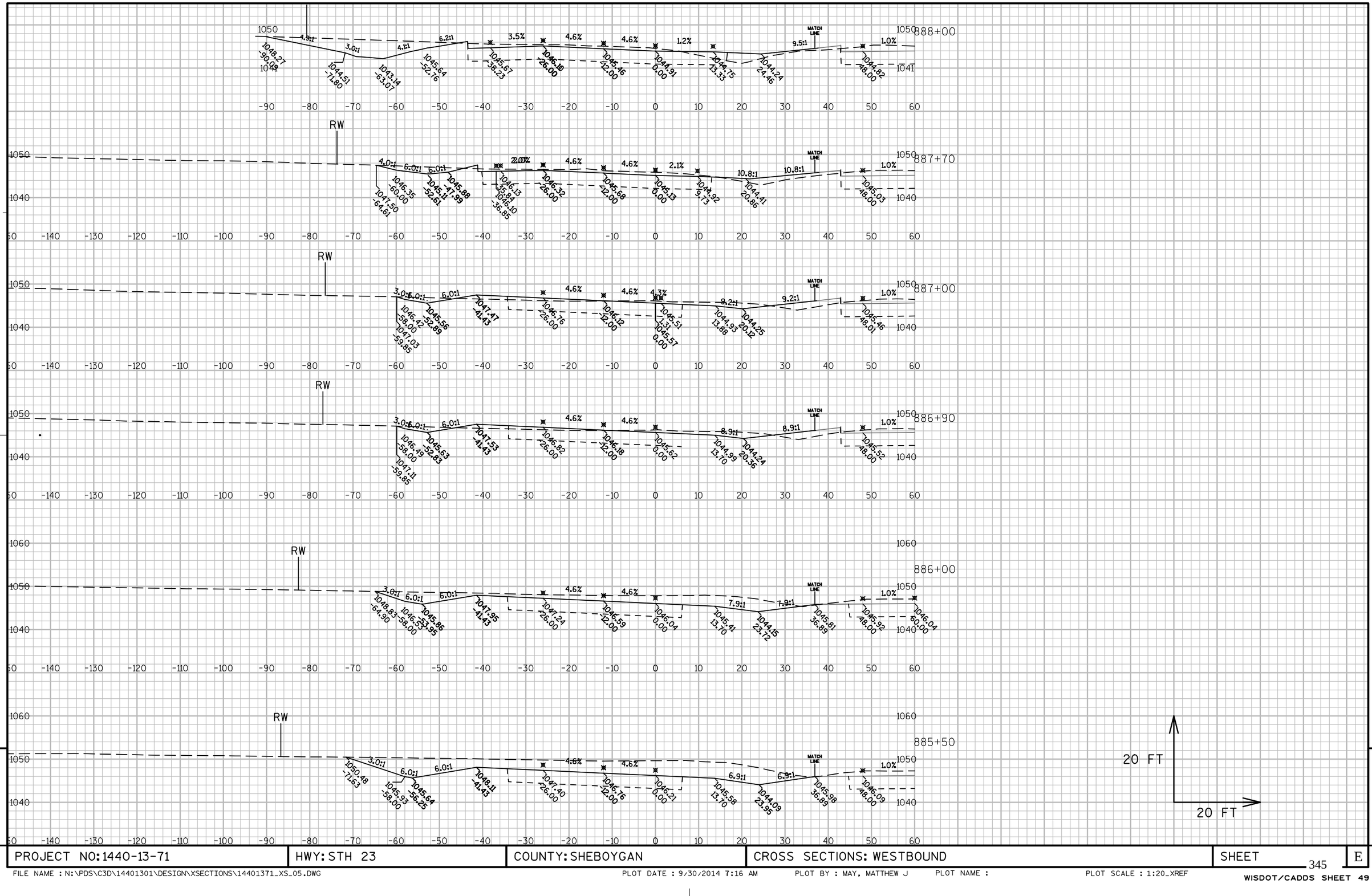
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_05.DWG
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PLOT NAME :
PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



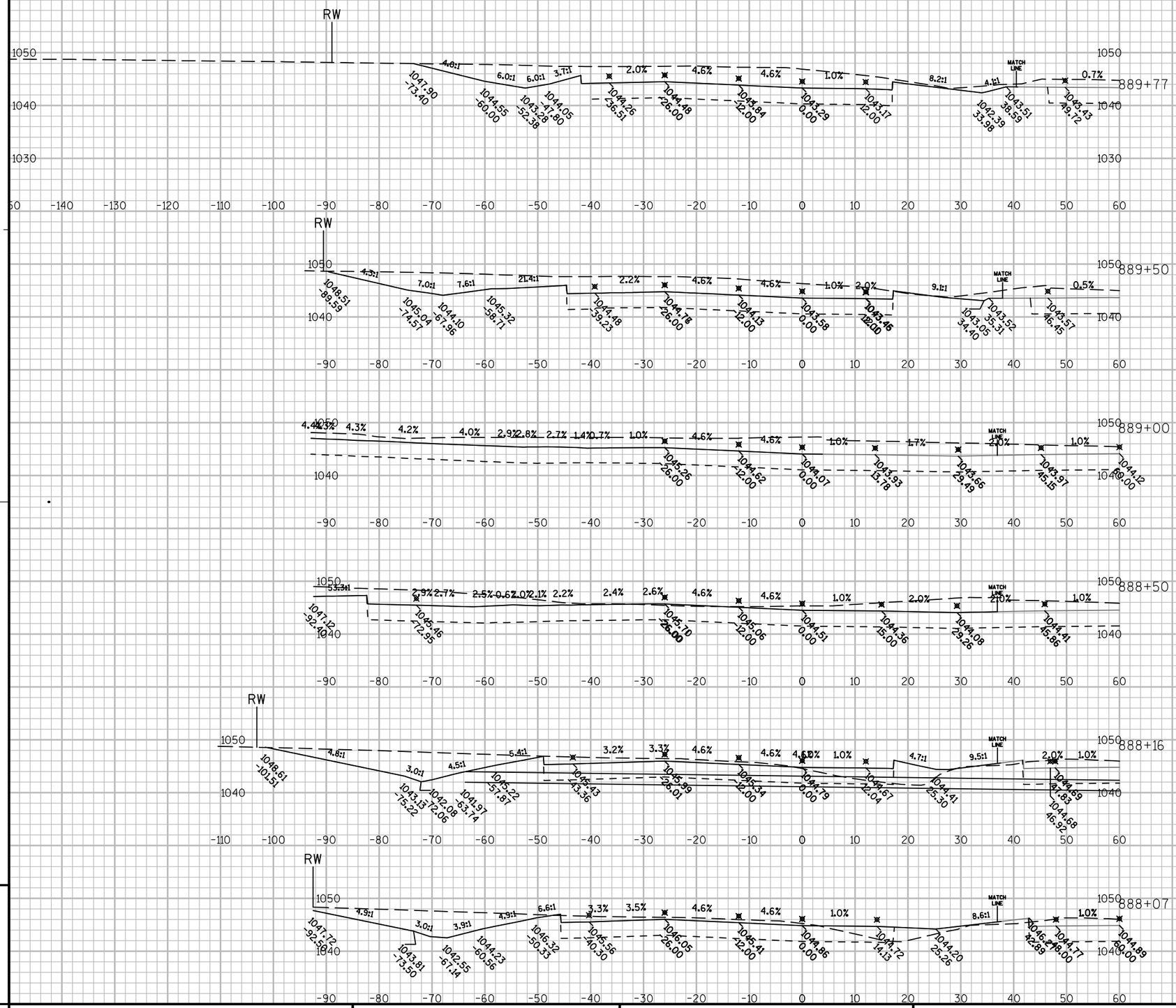
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_05.DWG PLOT DATE : 9/30/2014 7:16 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



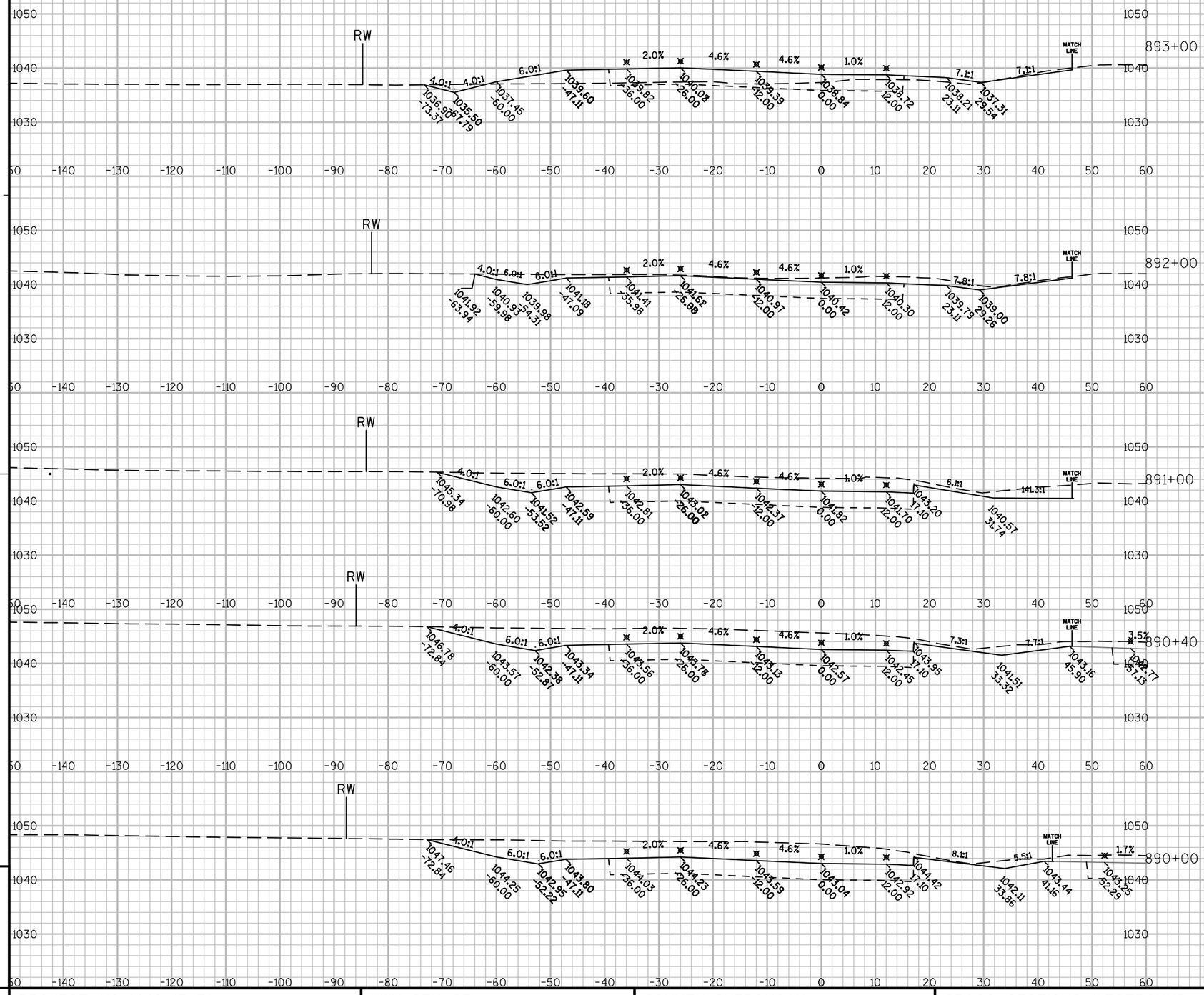
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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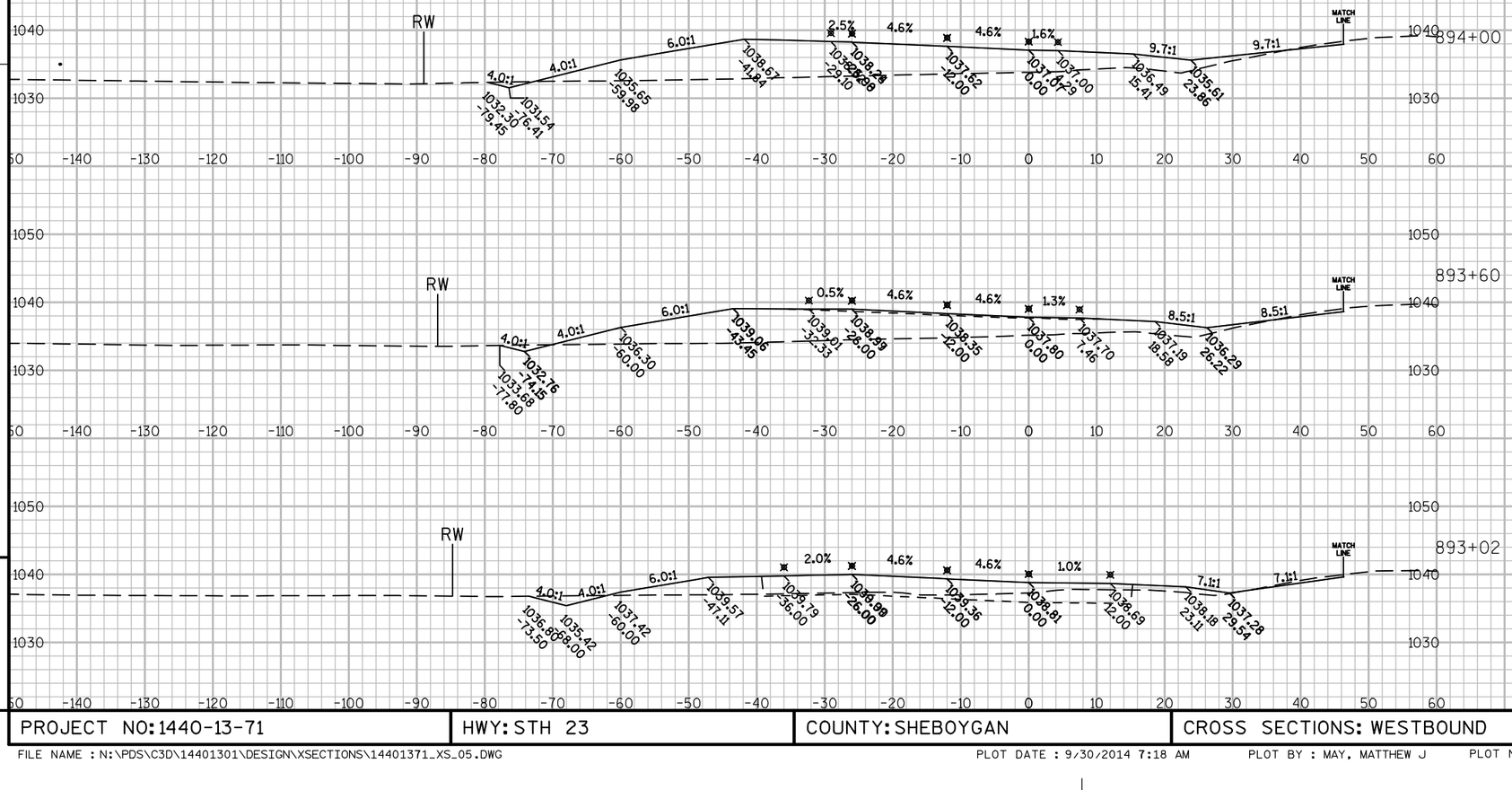
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

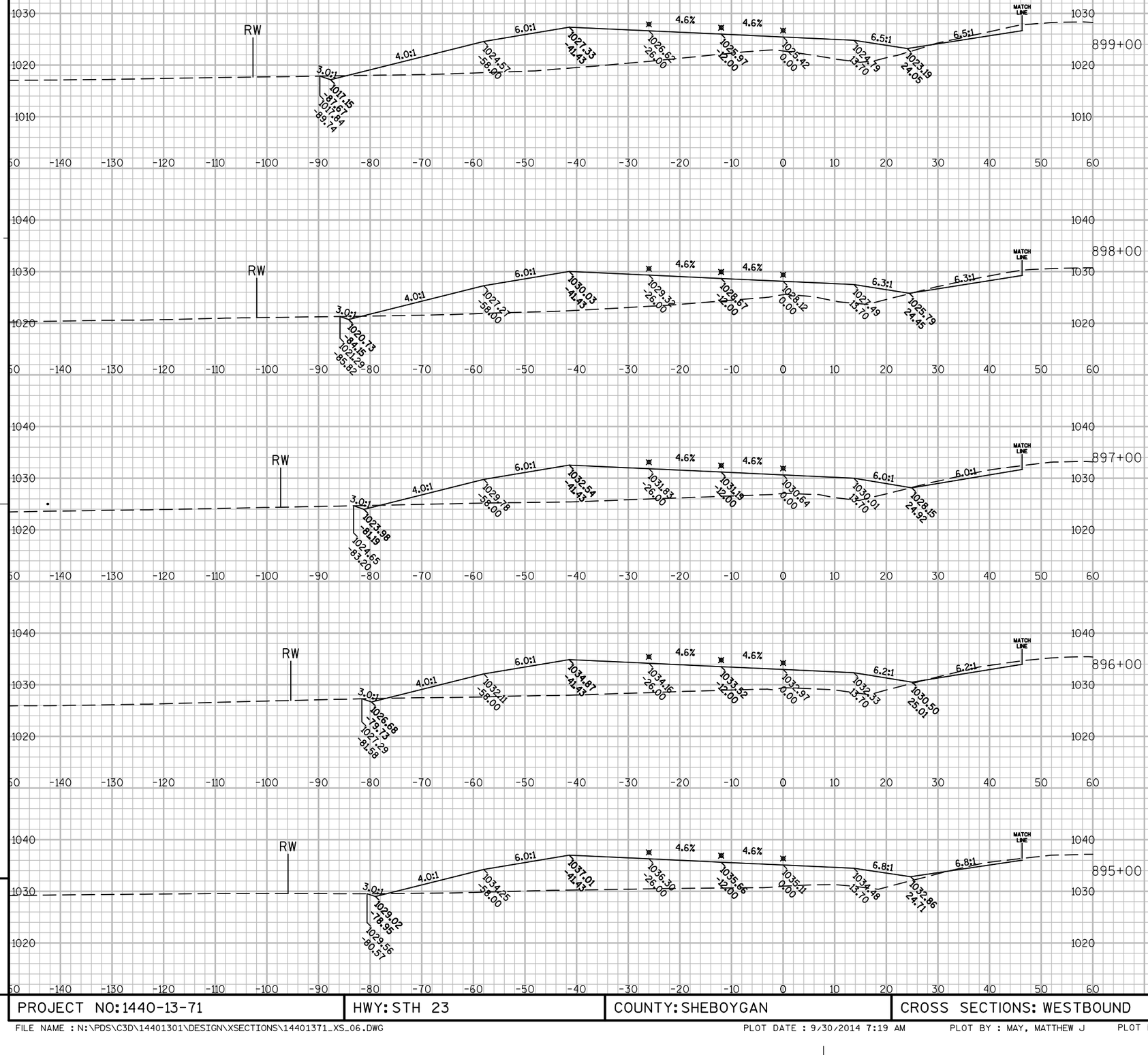
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PLOT NAME :
PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 348	E

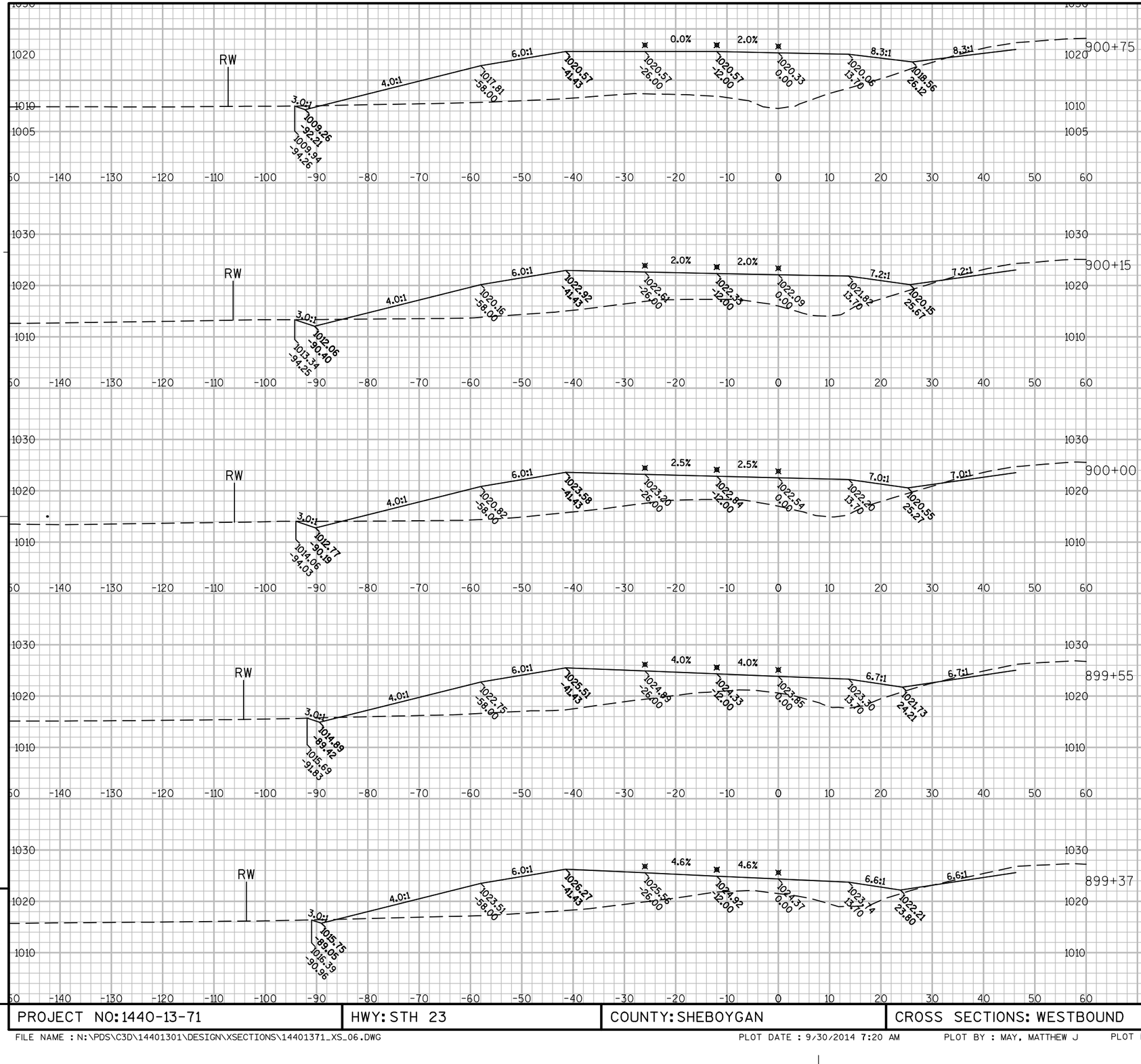
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

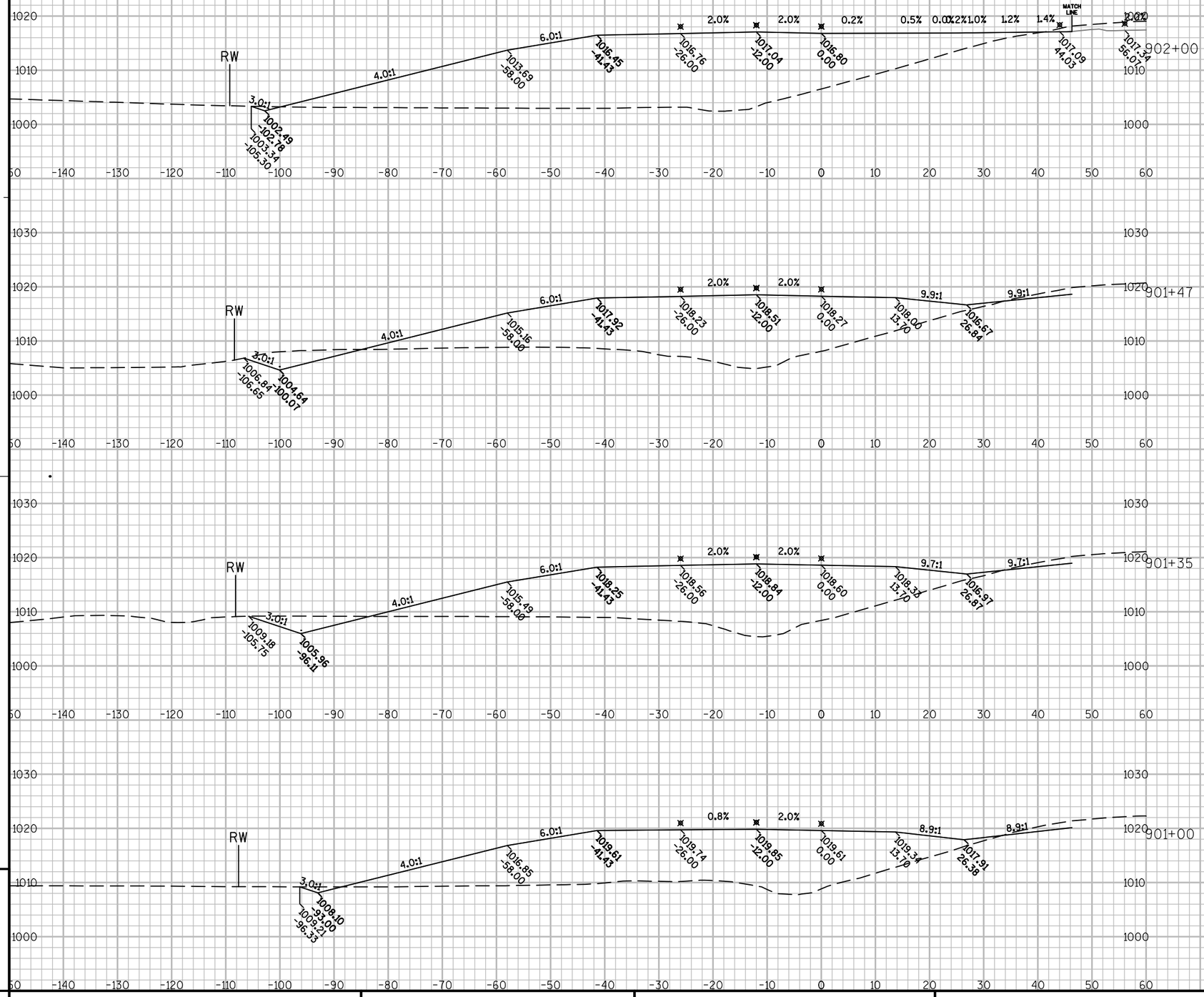
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 350	E

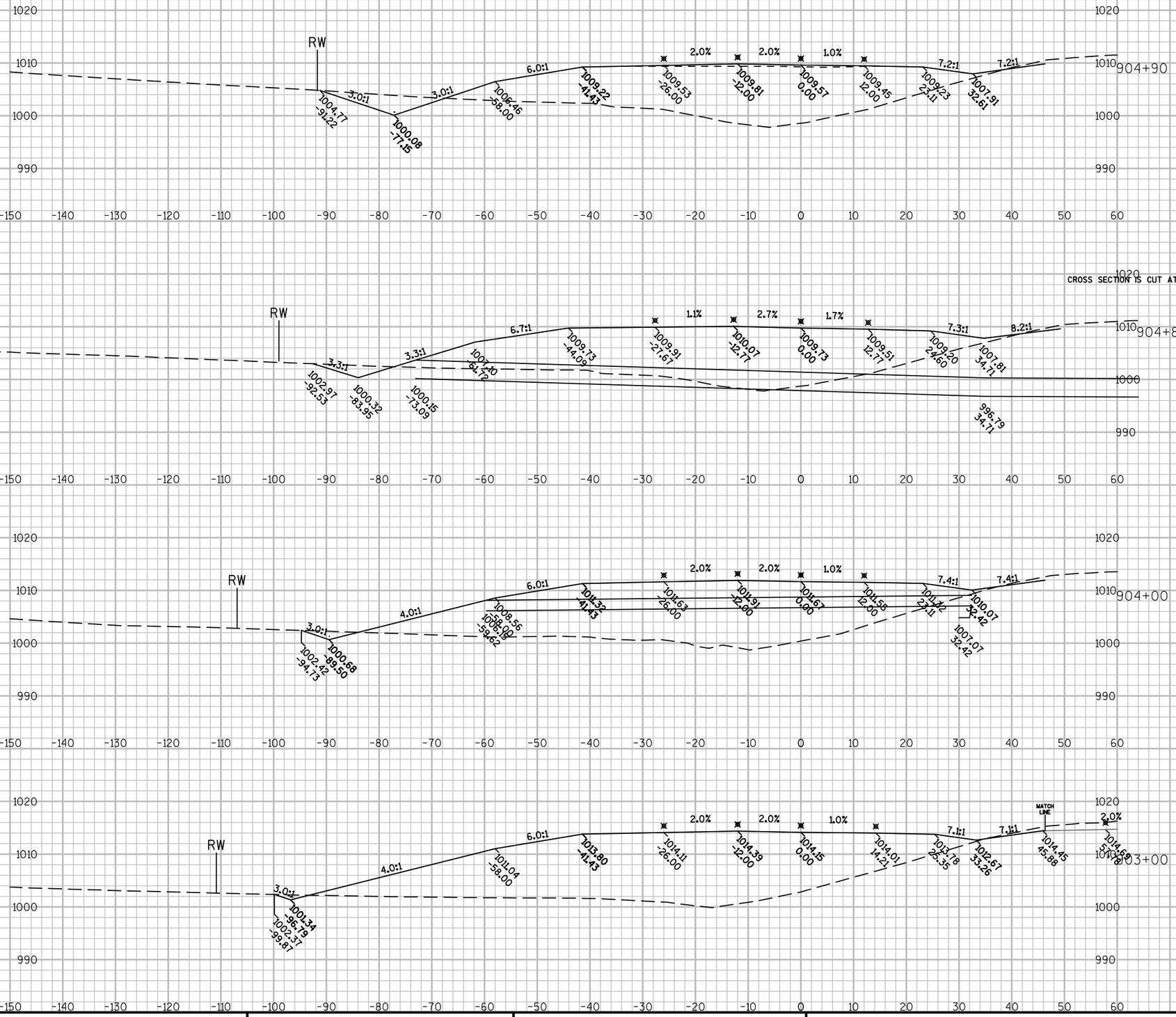
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WISDOT/CADDS SHEET 49



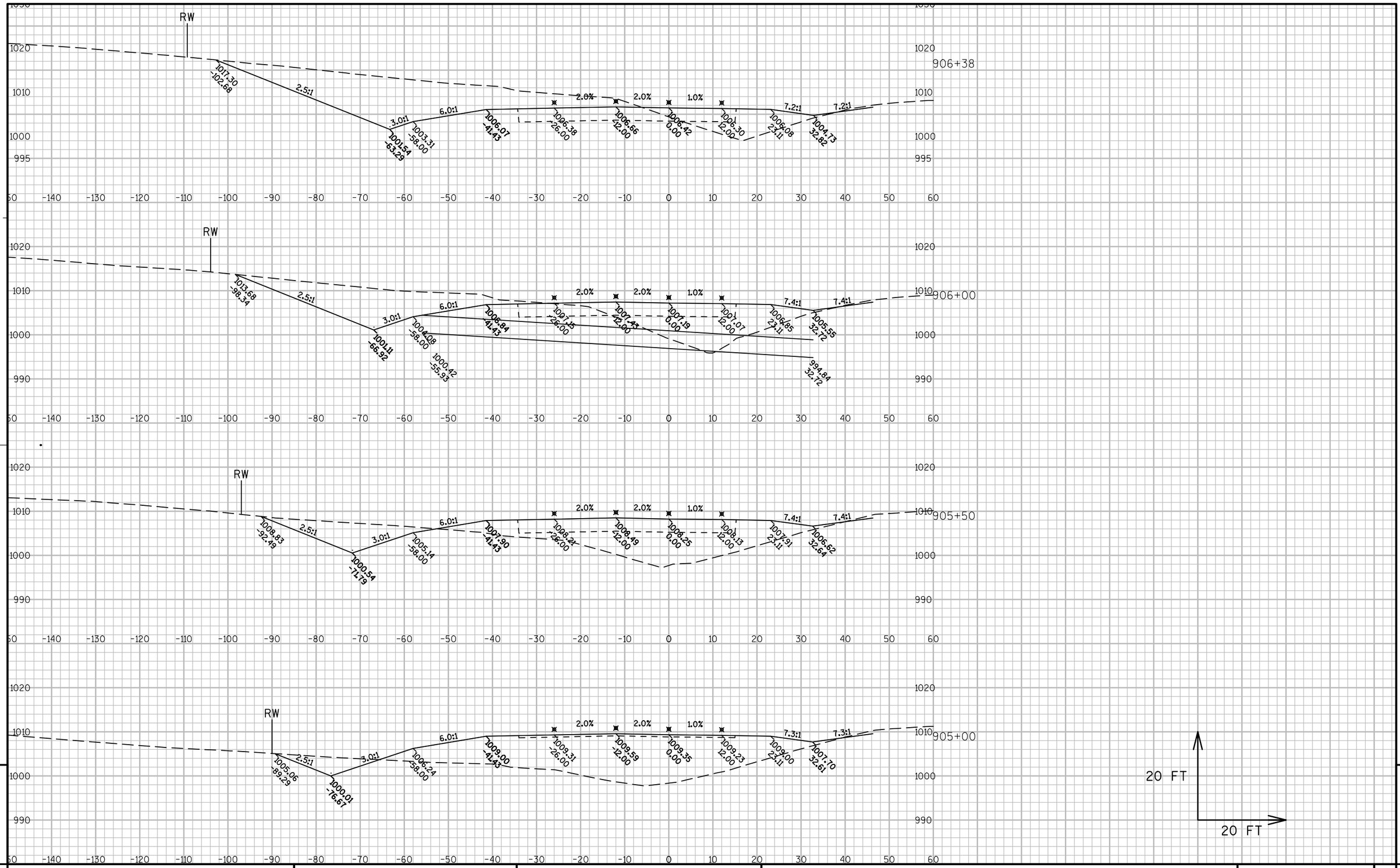
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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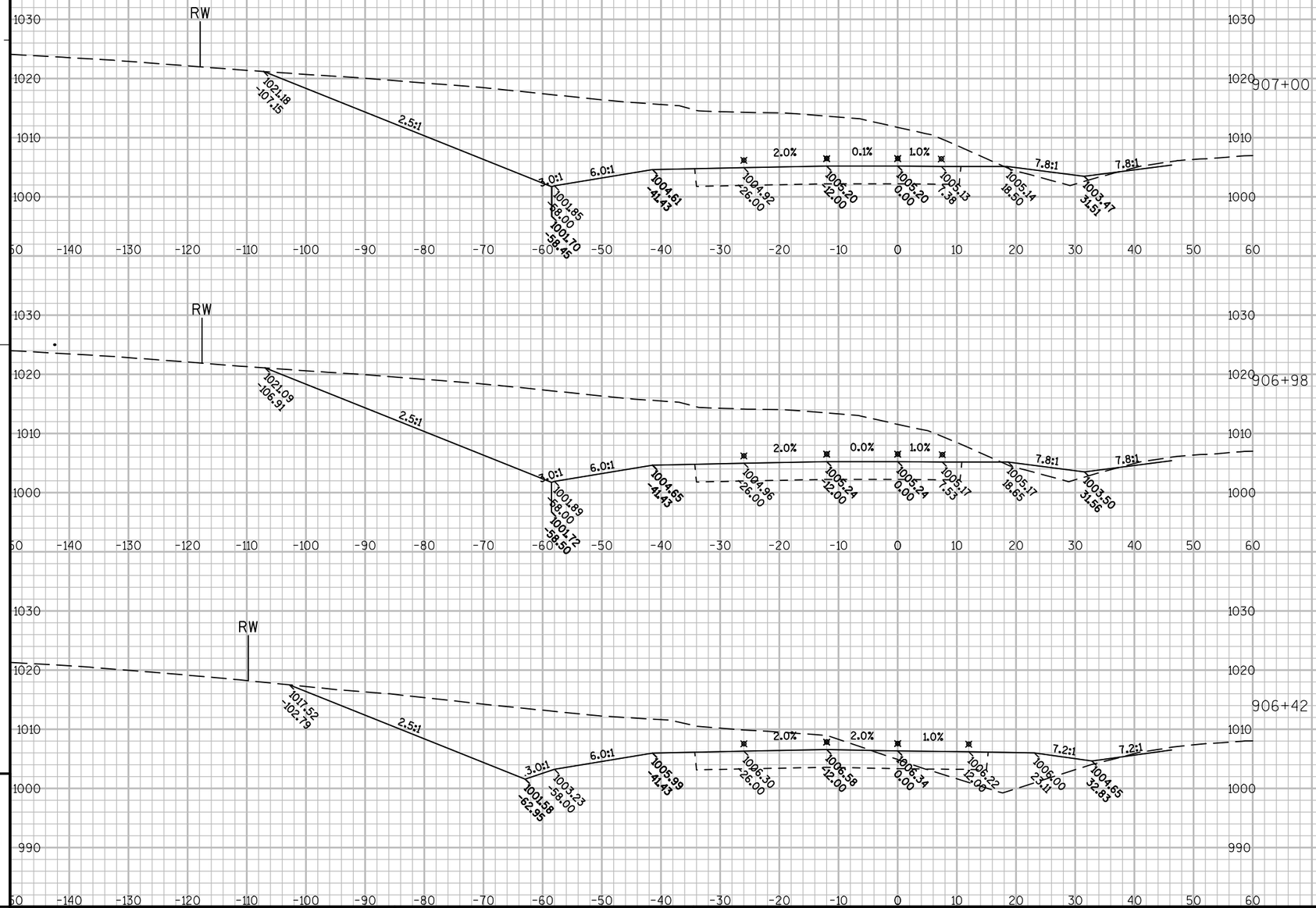
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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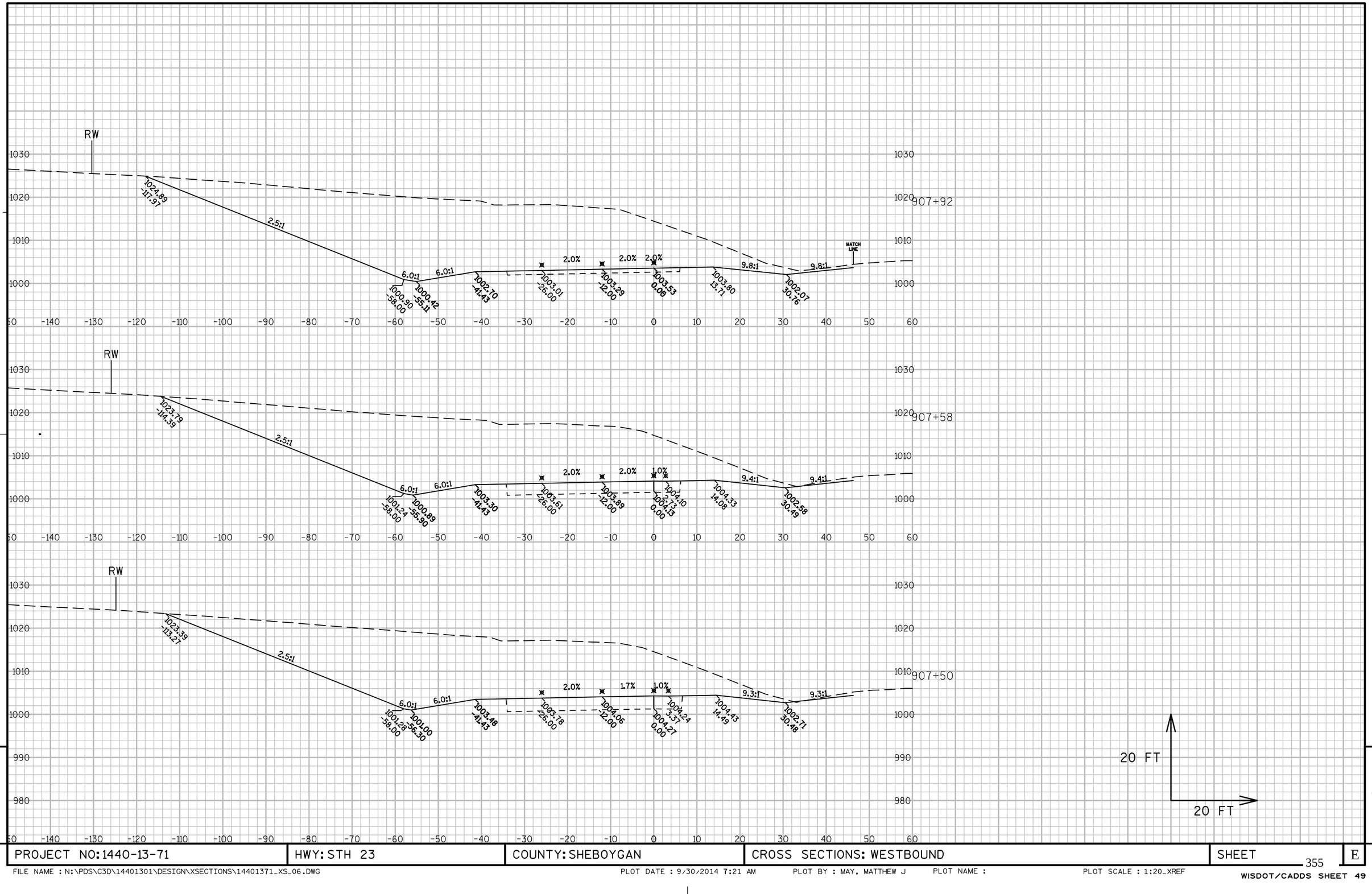
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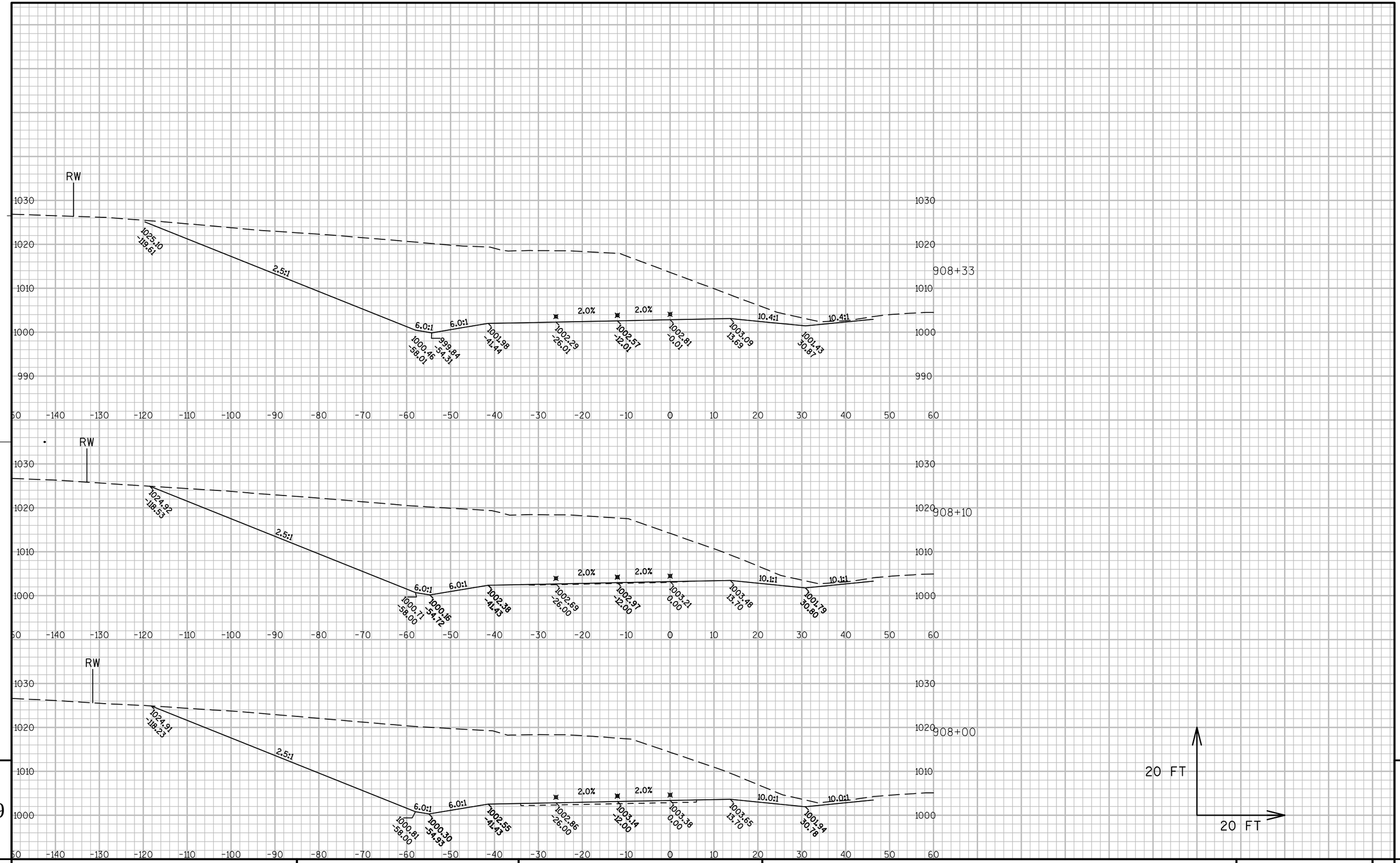
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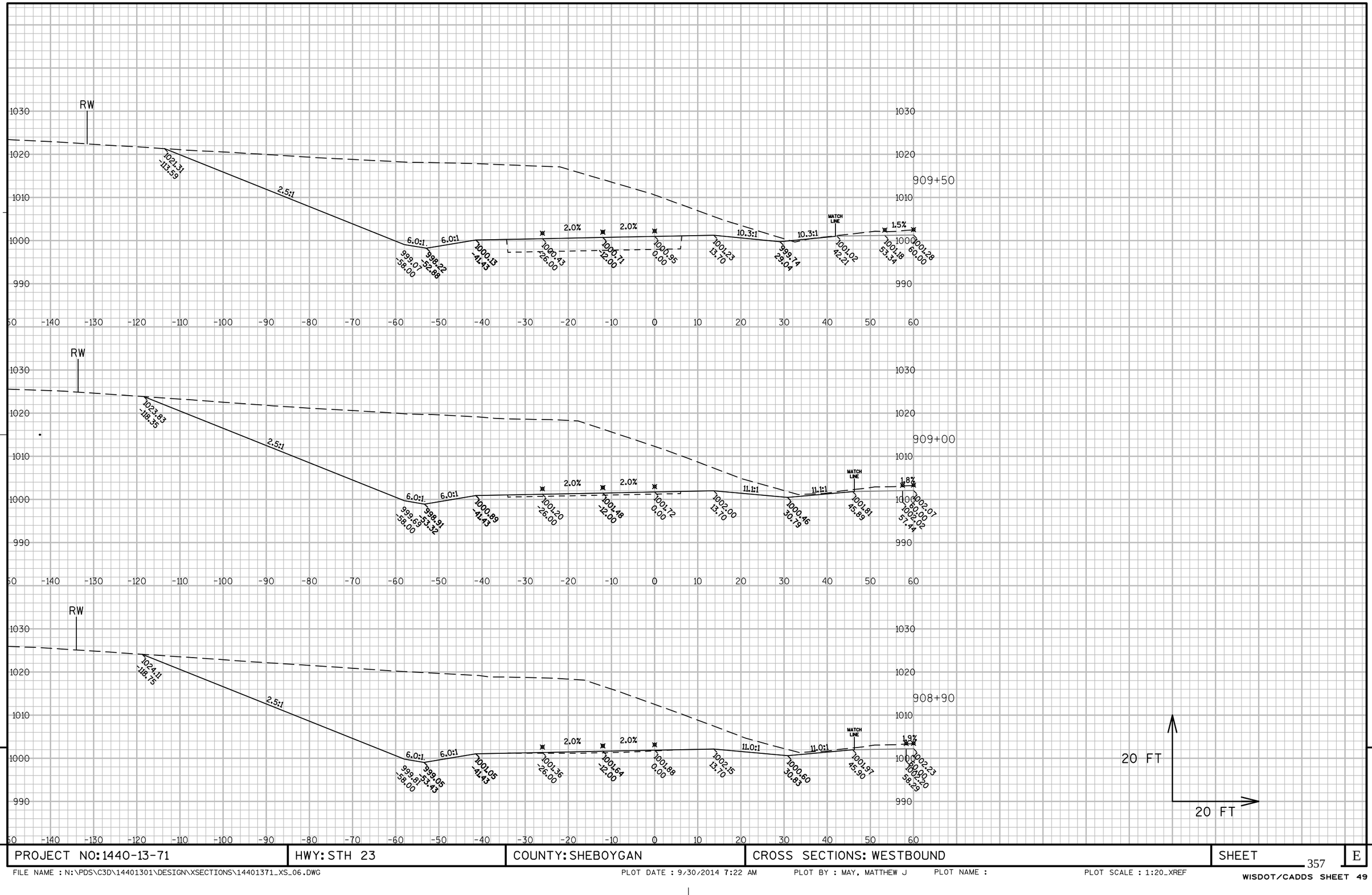
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PLOT NAME :
PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

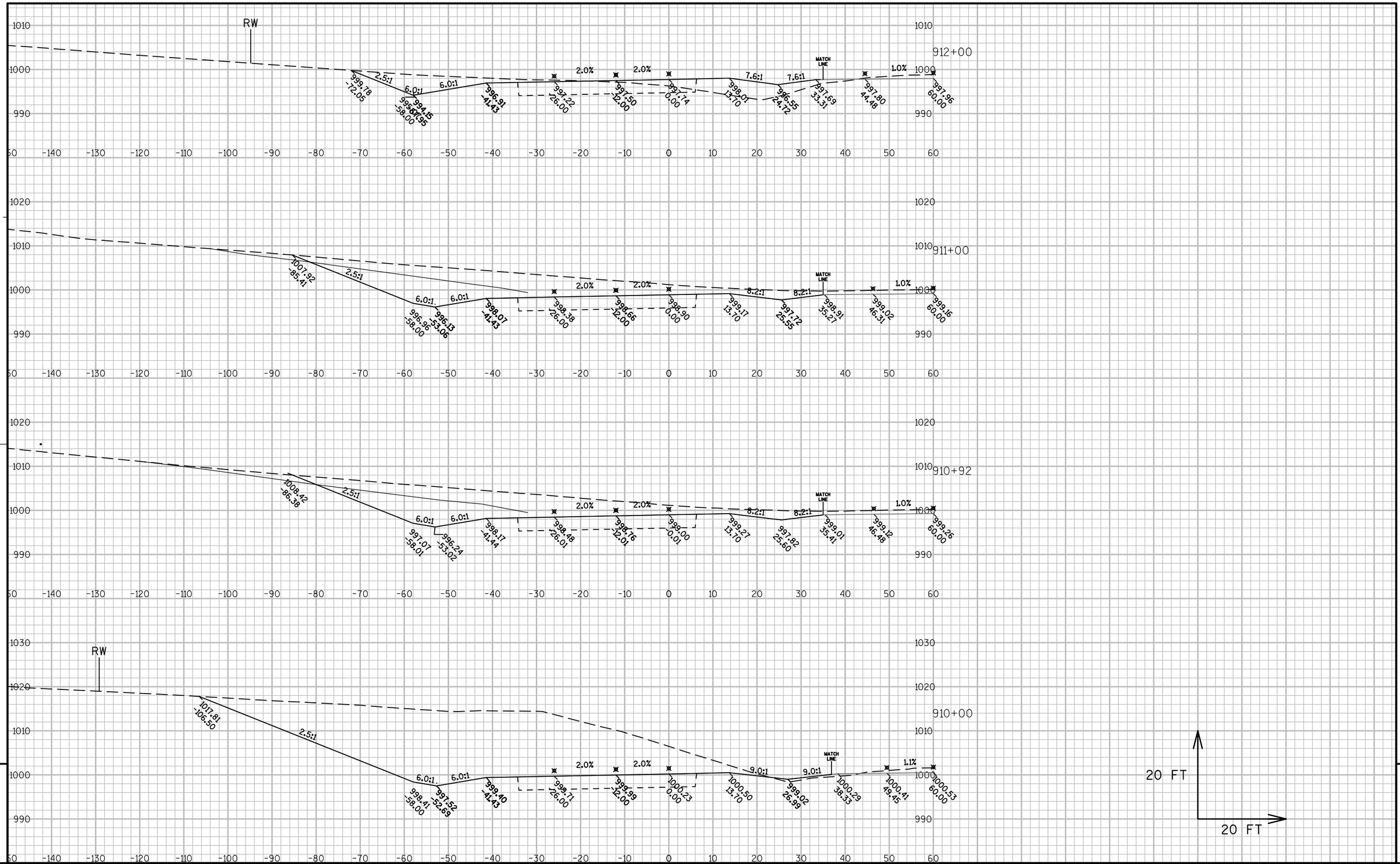
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 357	E

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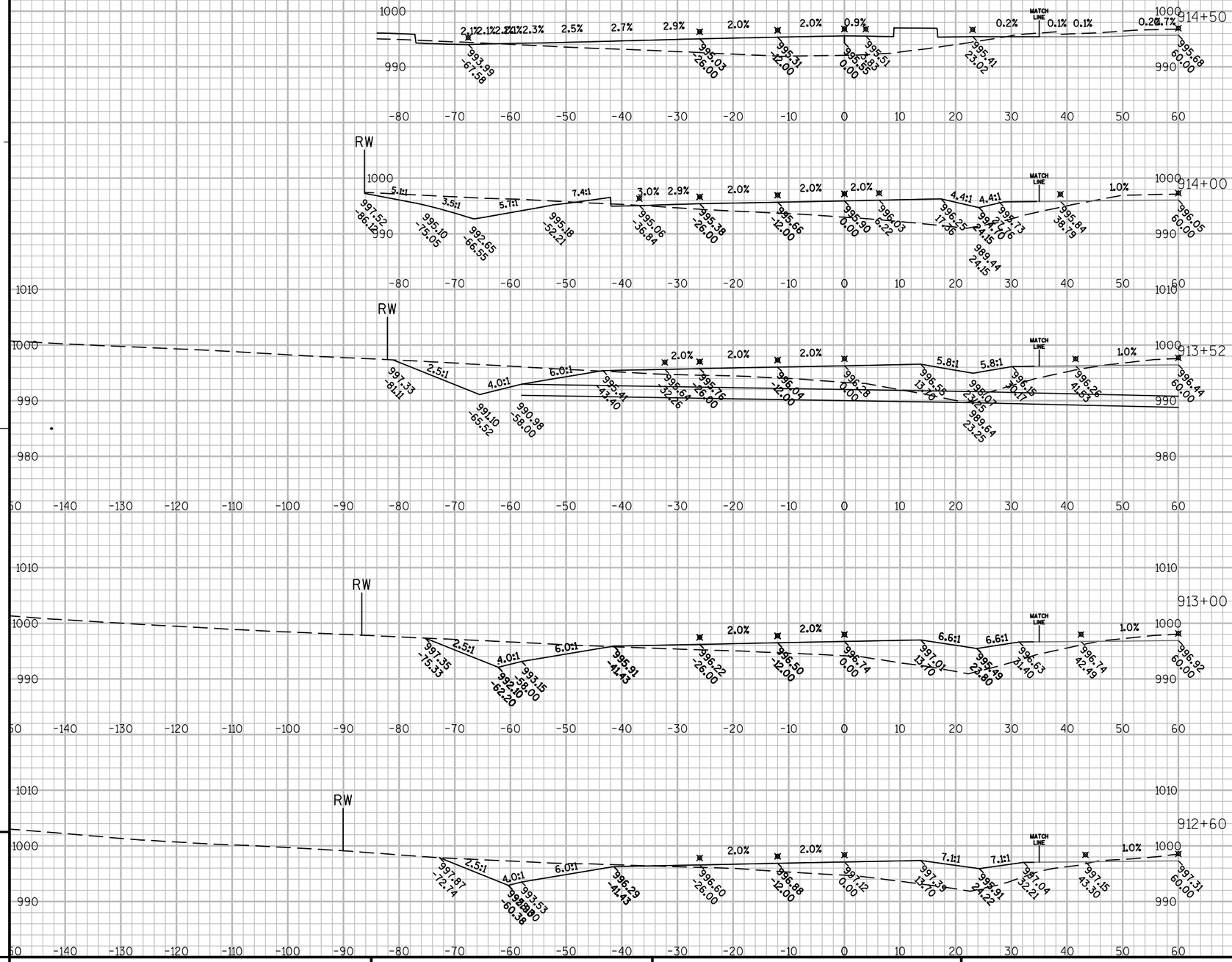
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_06.DWG PLOT DATE : 9/30/2014 7:23 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



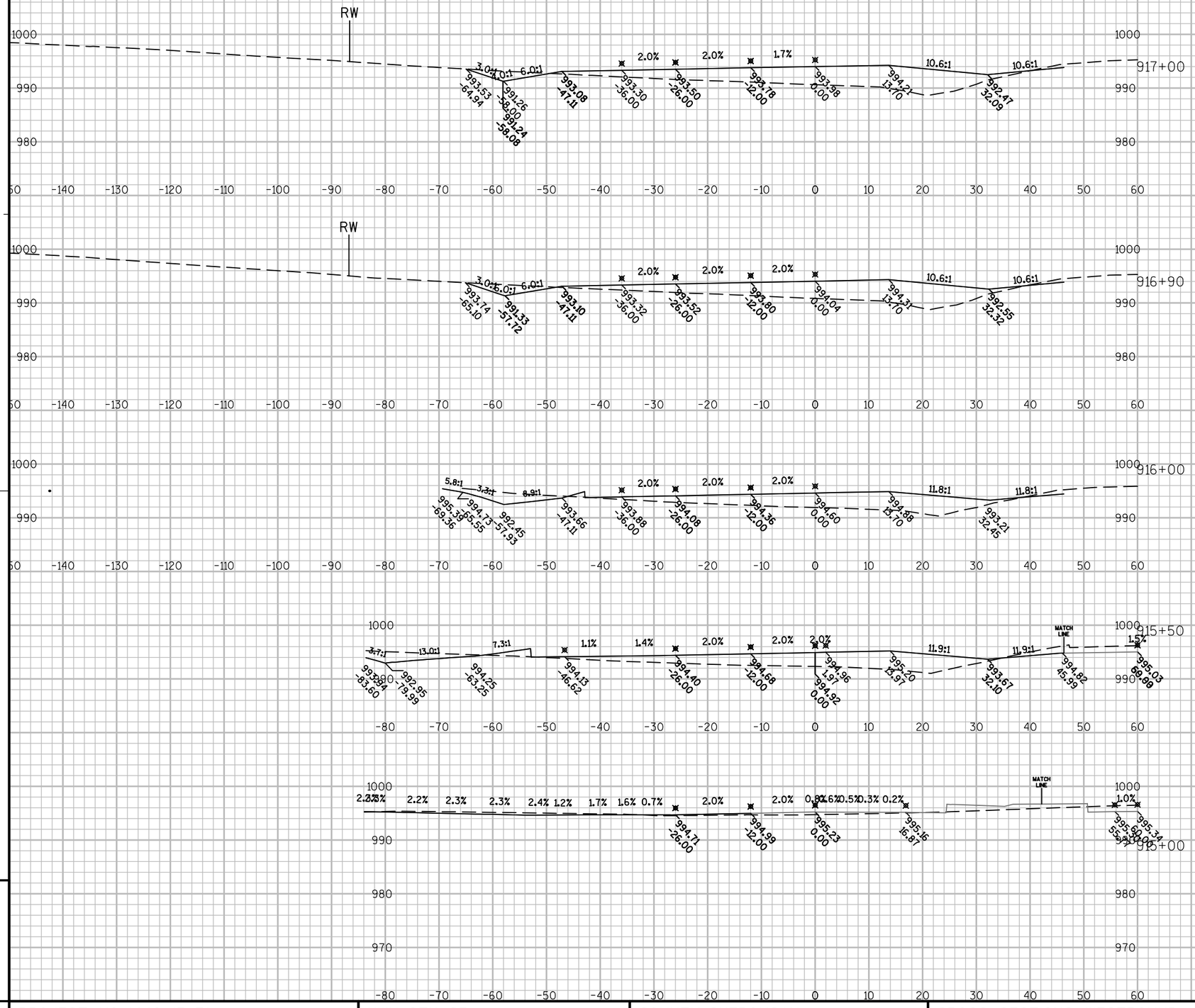
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_06.DWG PLOT DATE : 9/30/2014 7:23 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

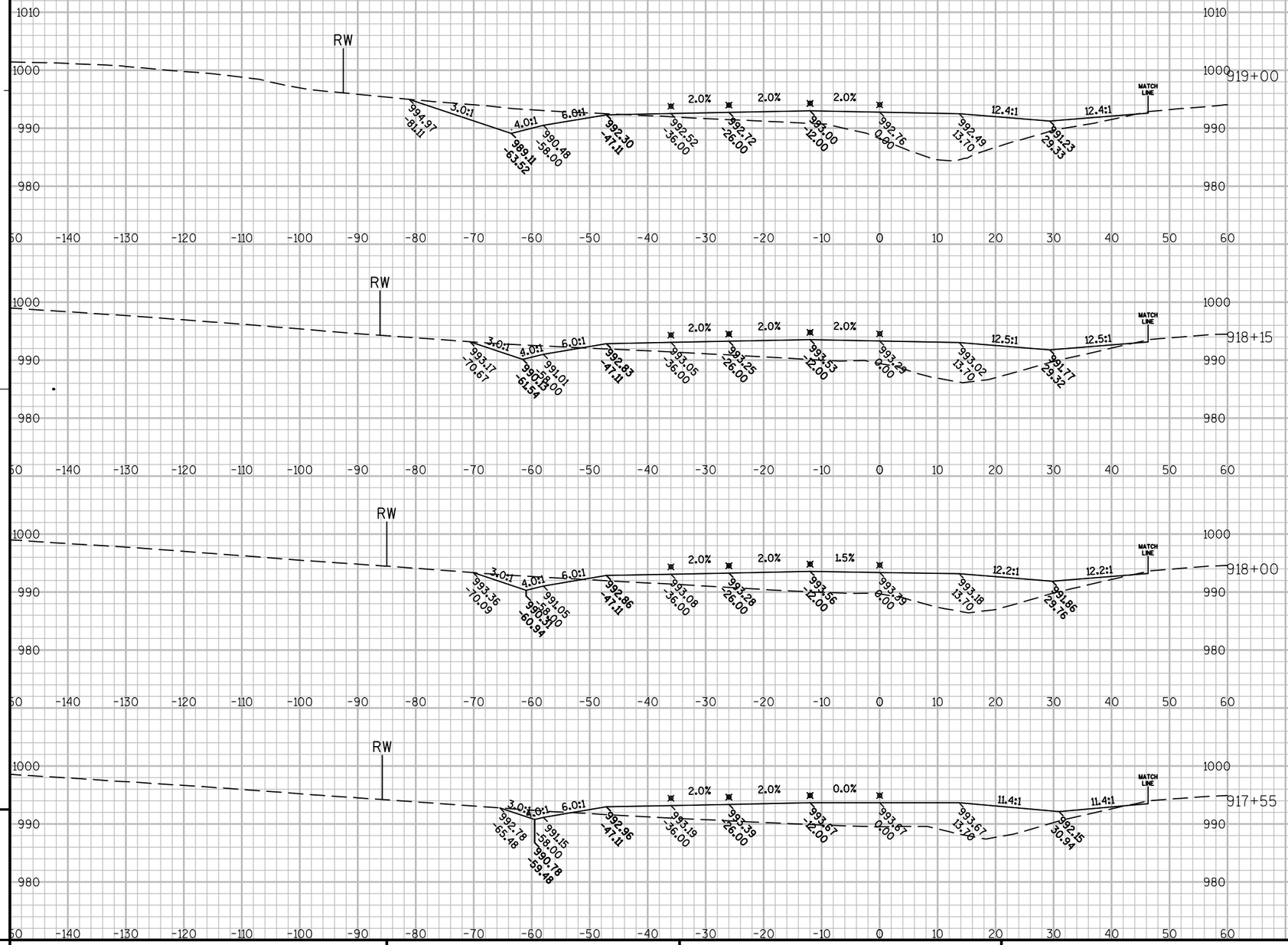
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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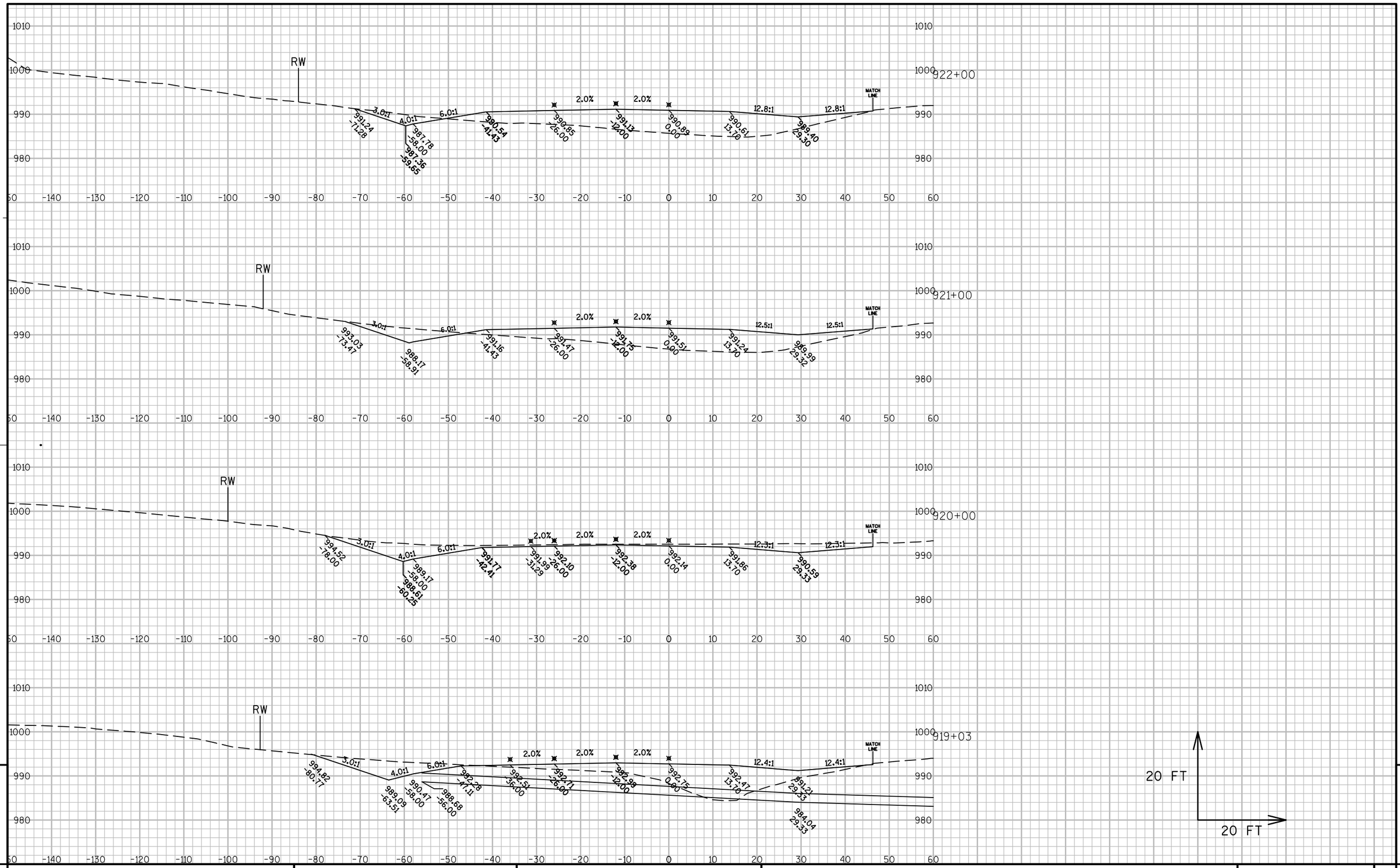
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

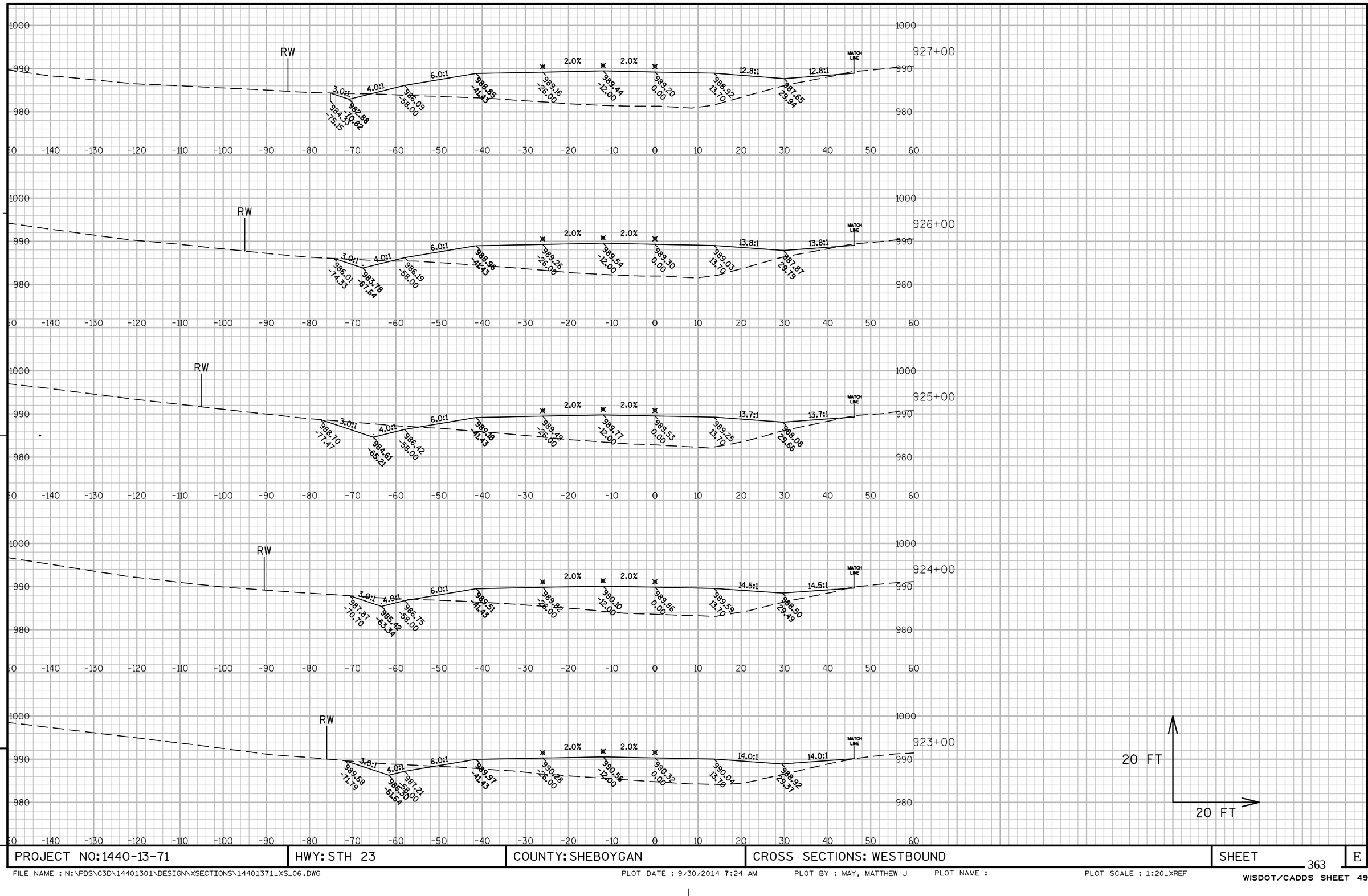
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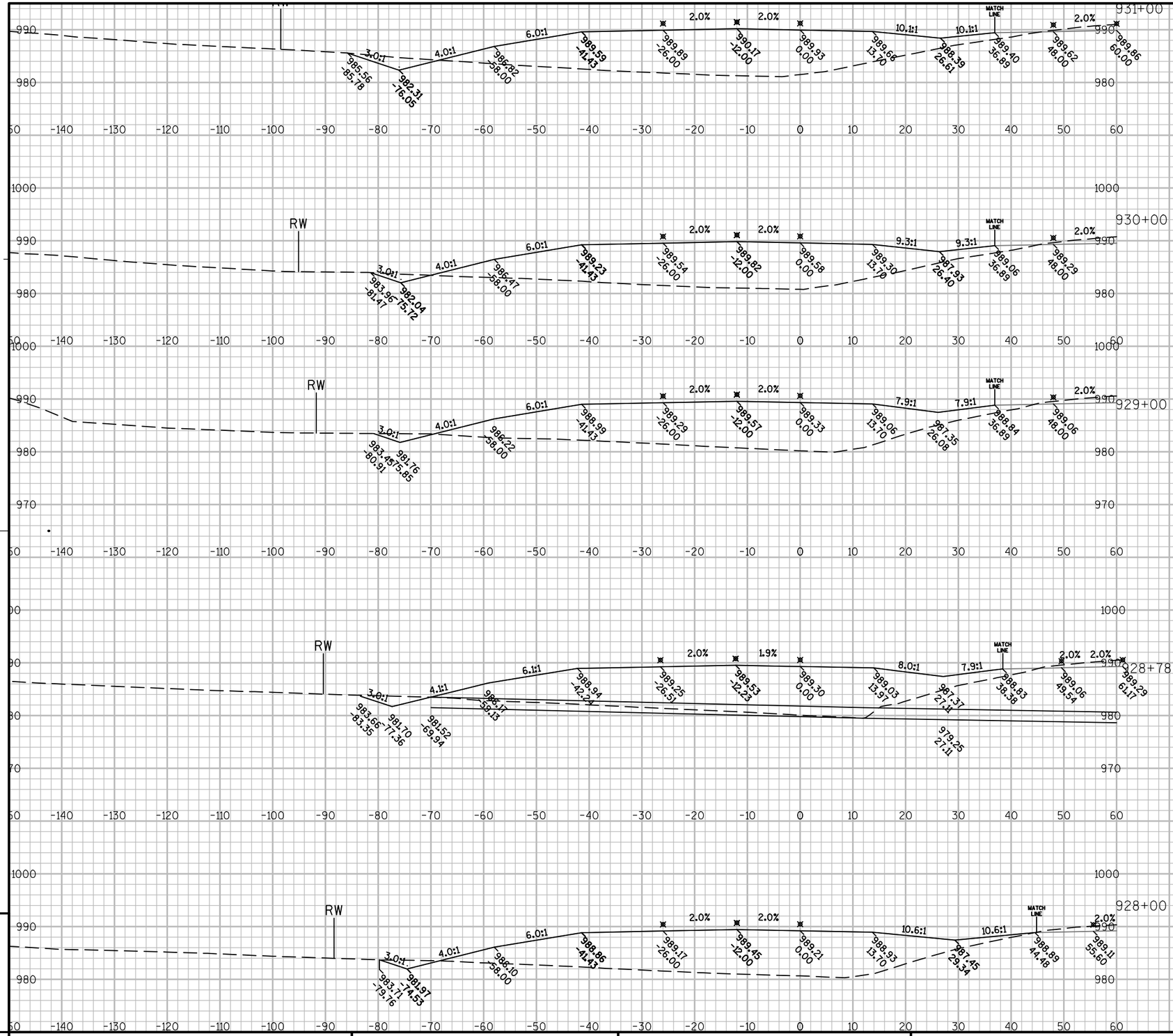
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

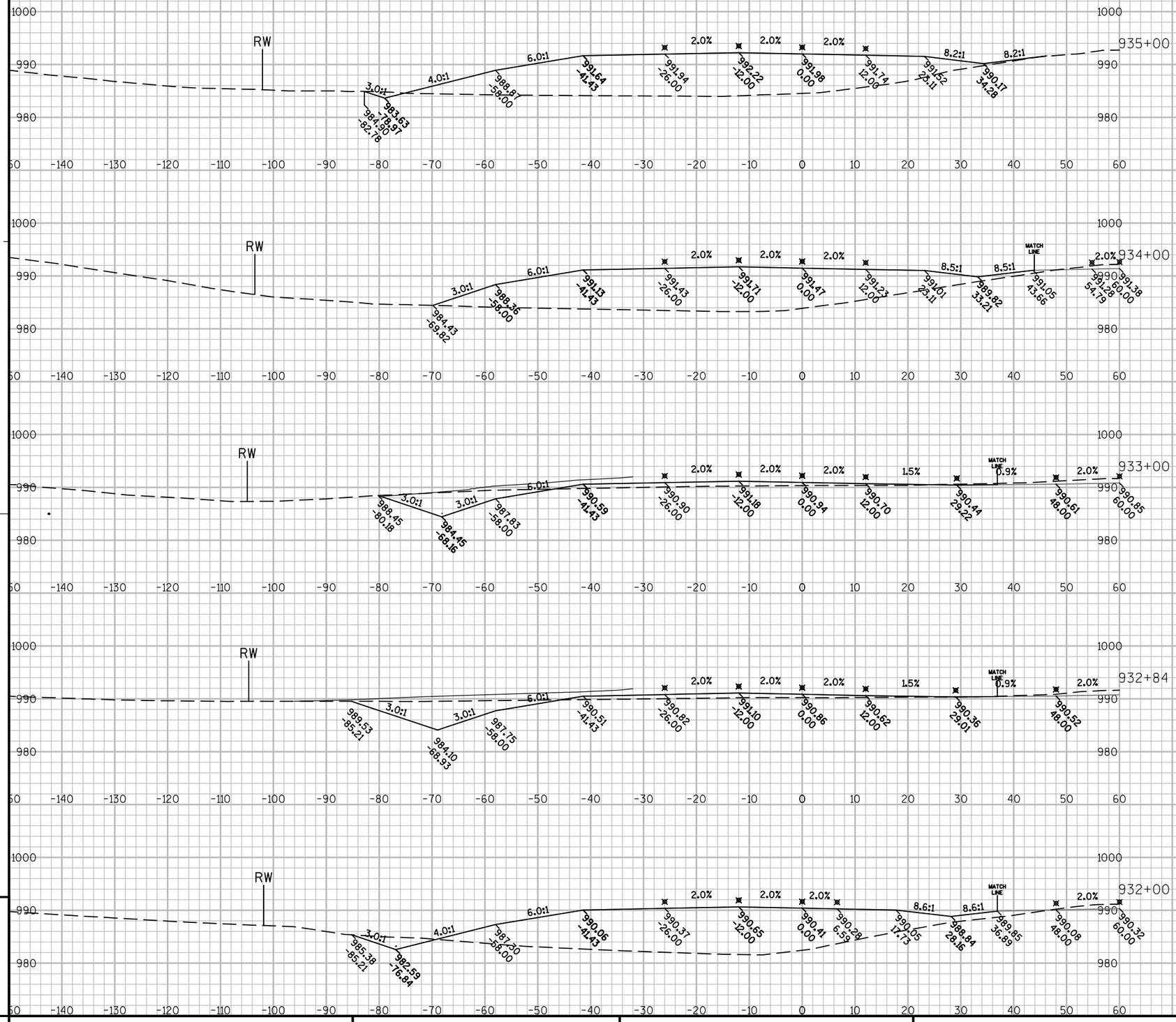
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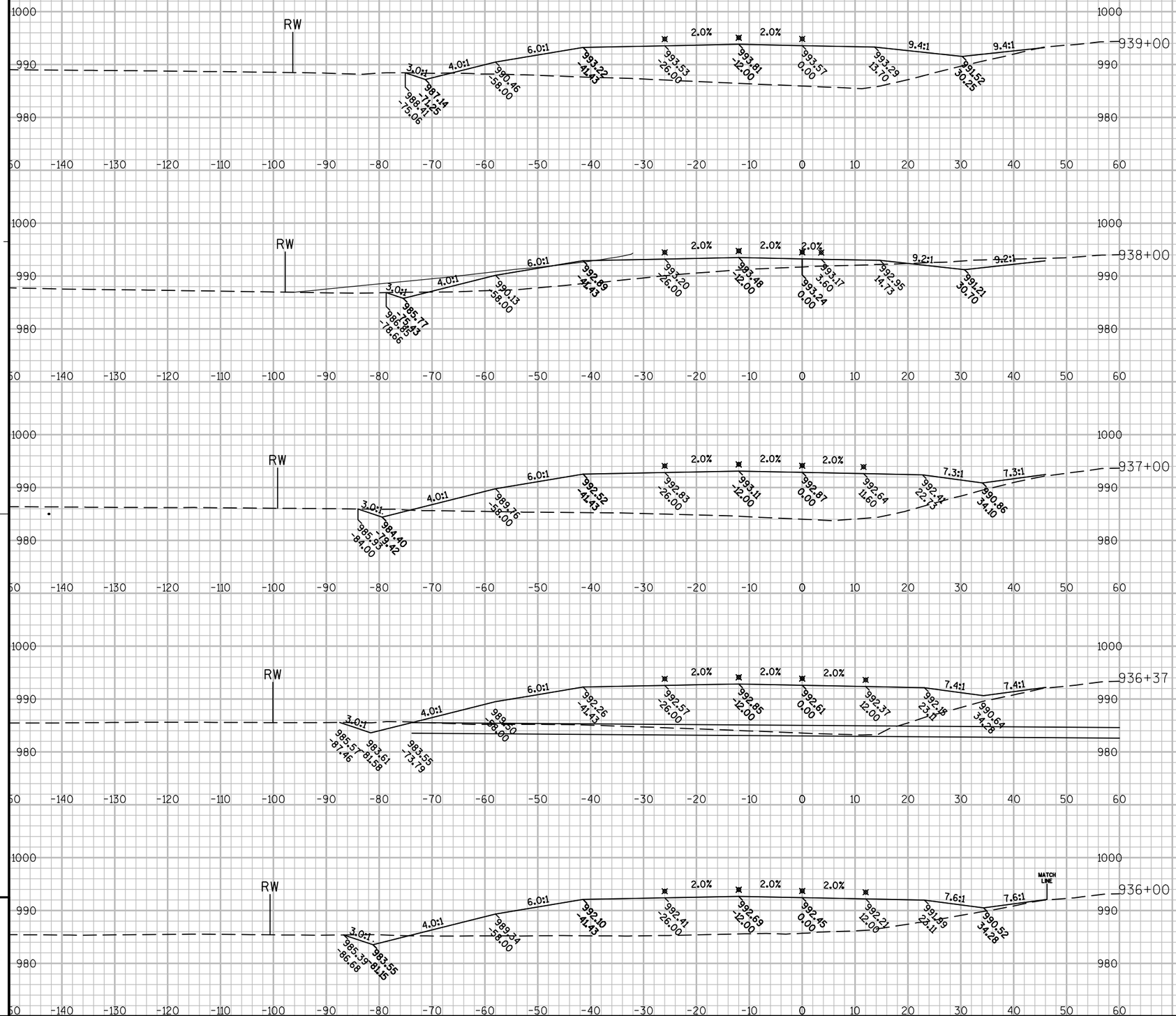
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WISDOT/CADDS SHEET 49

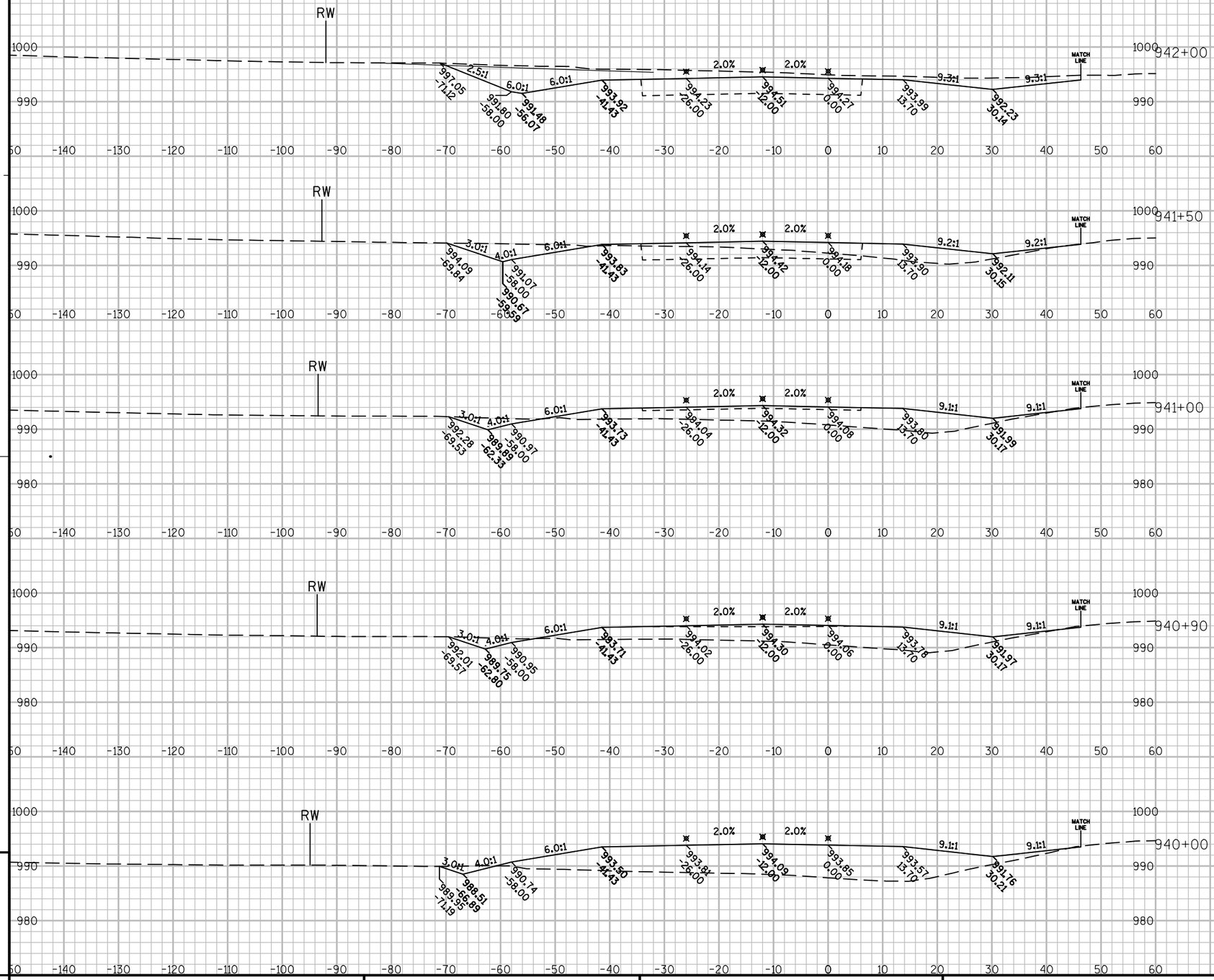


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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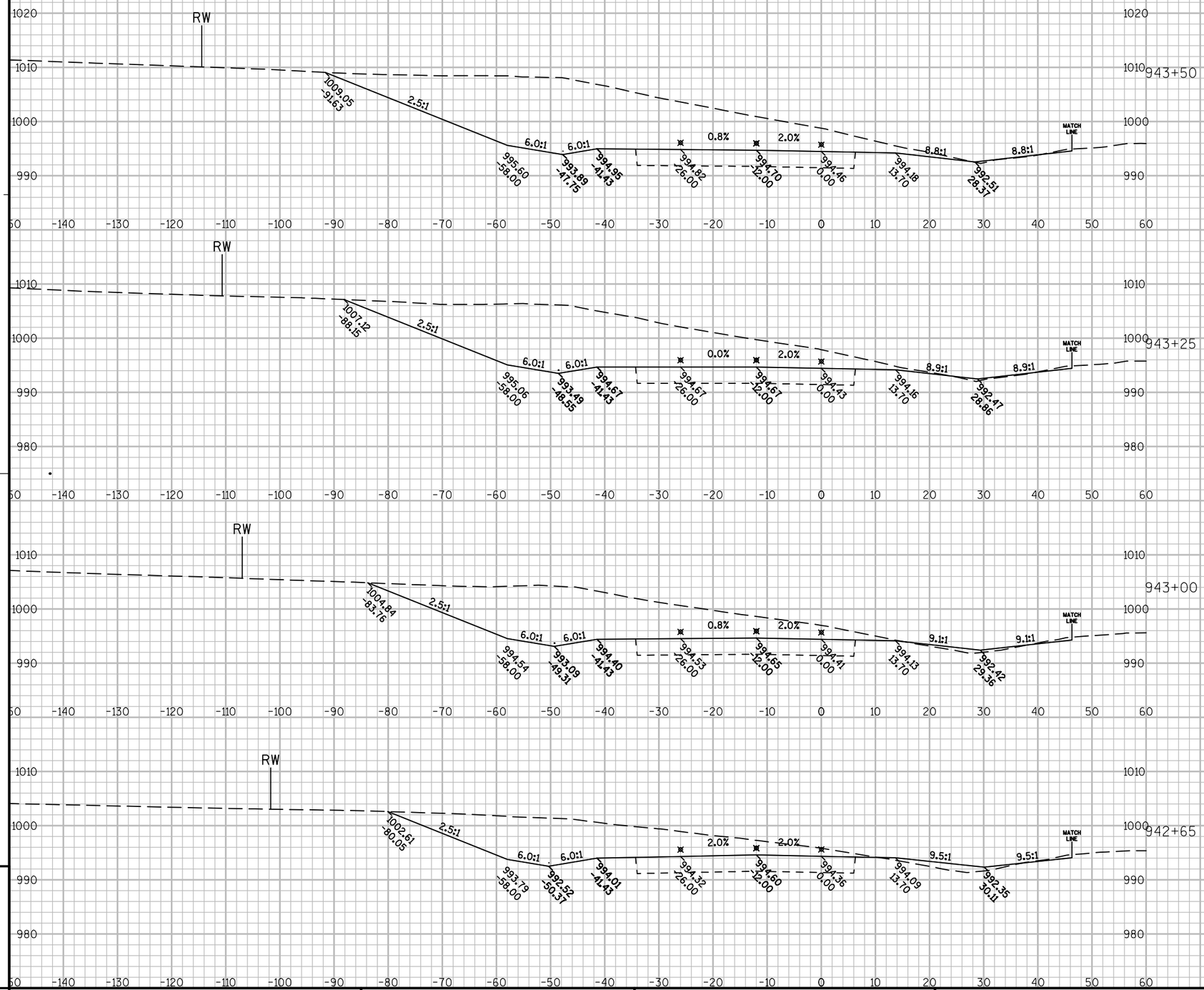
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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WISDOT/CADDS SHEET 49

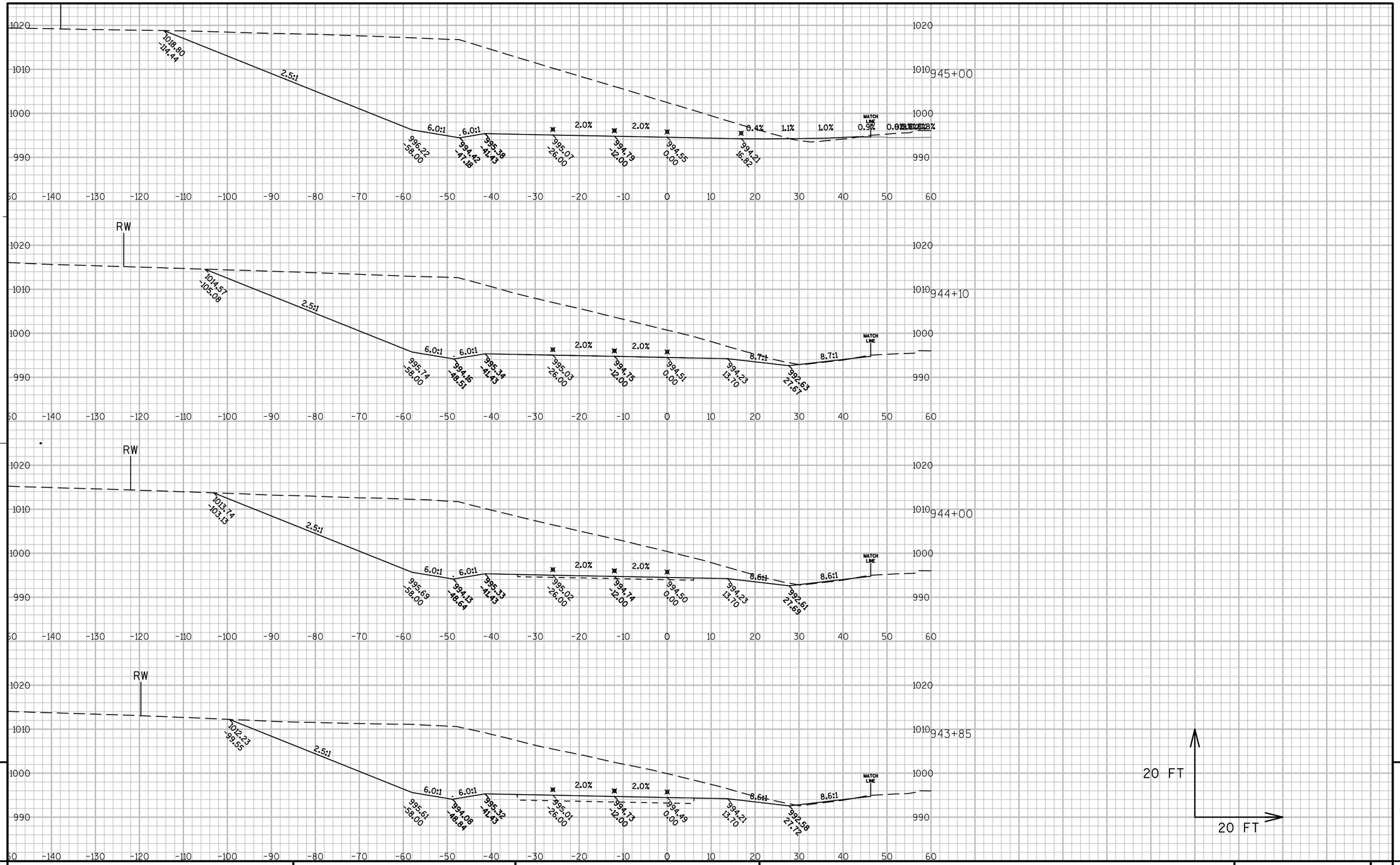


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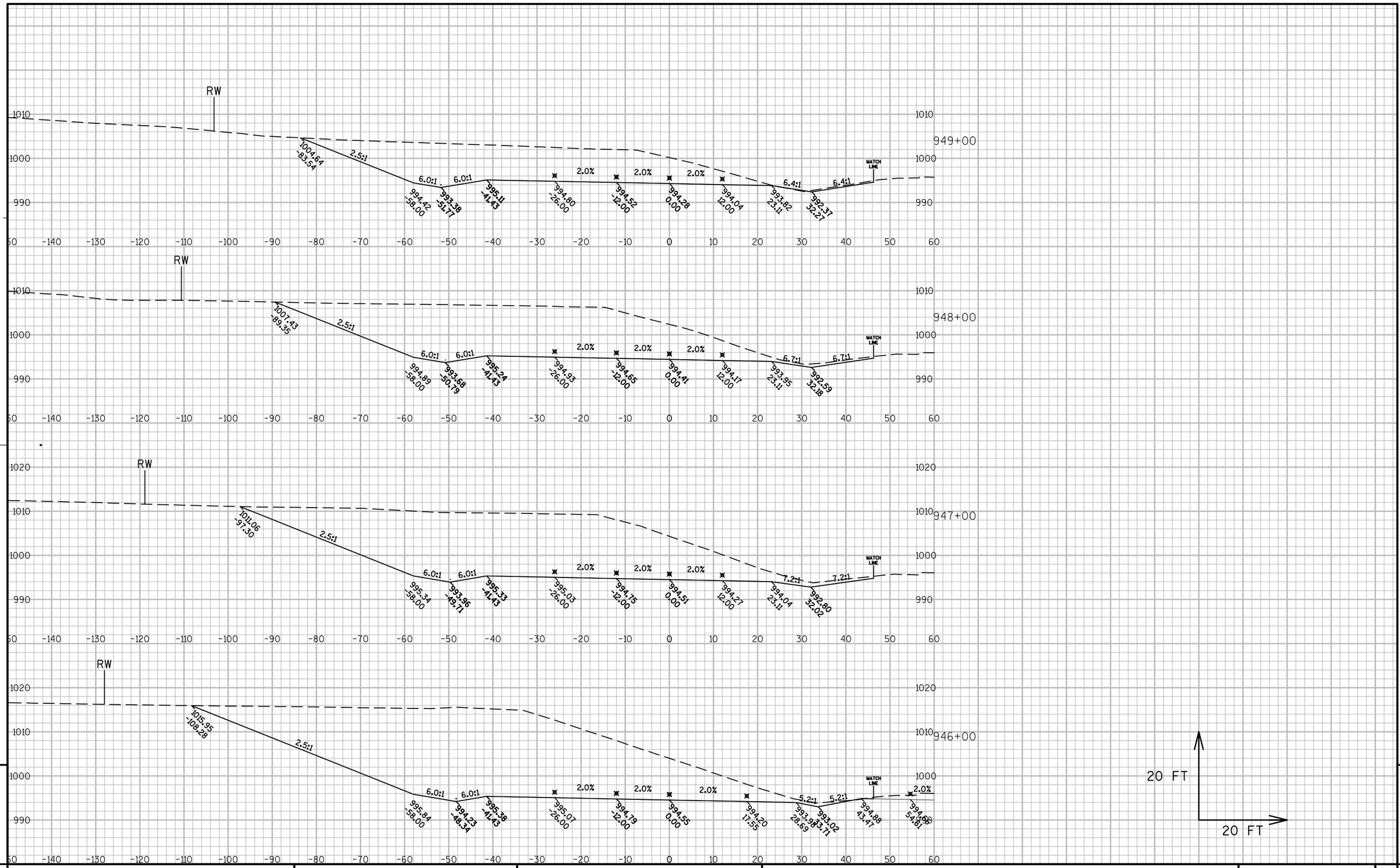
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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PLOT NAME :
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WISDOT/CADDS SHEET 49

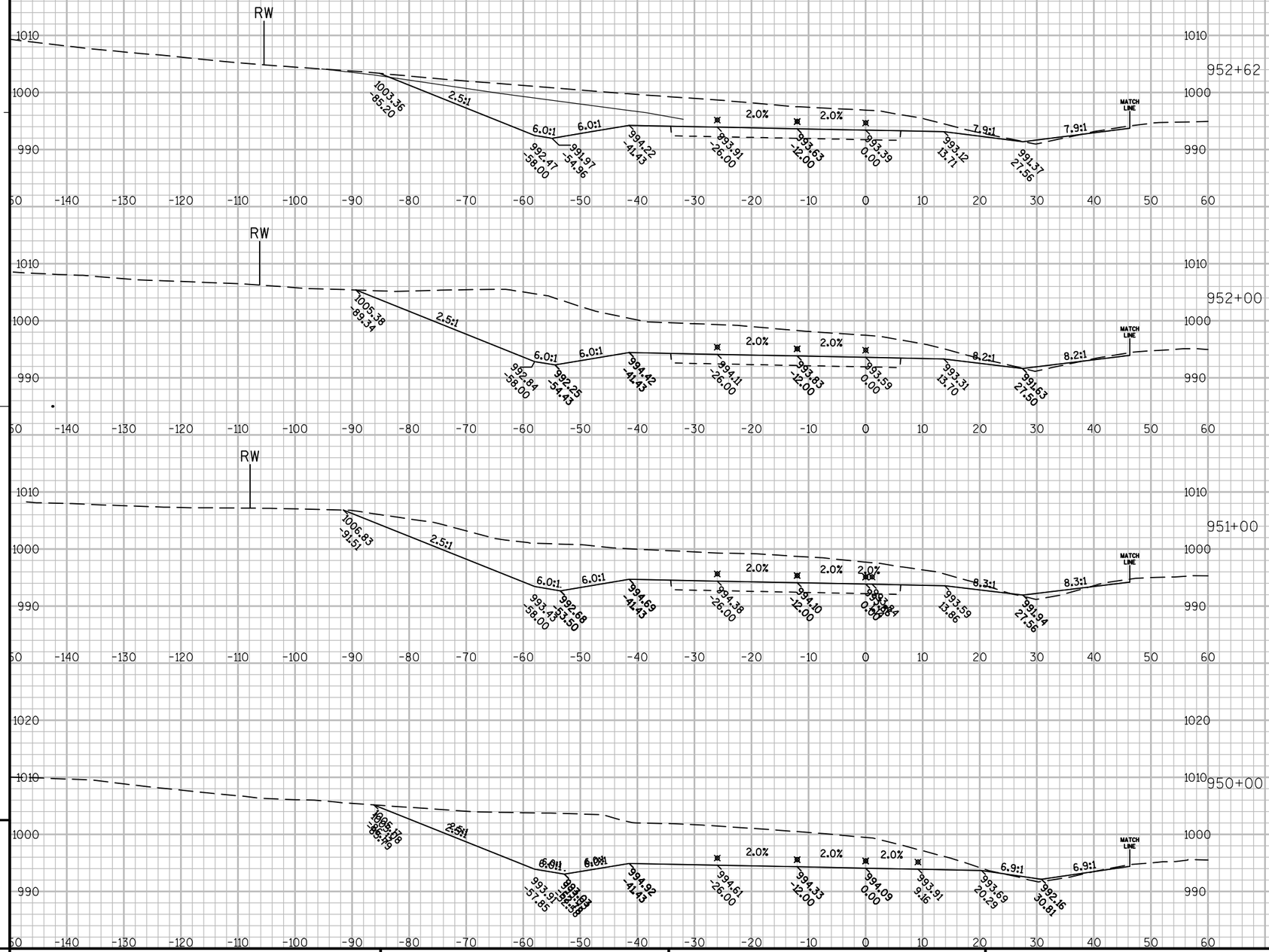


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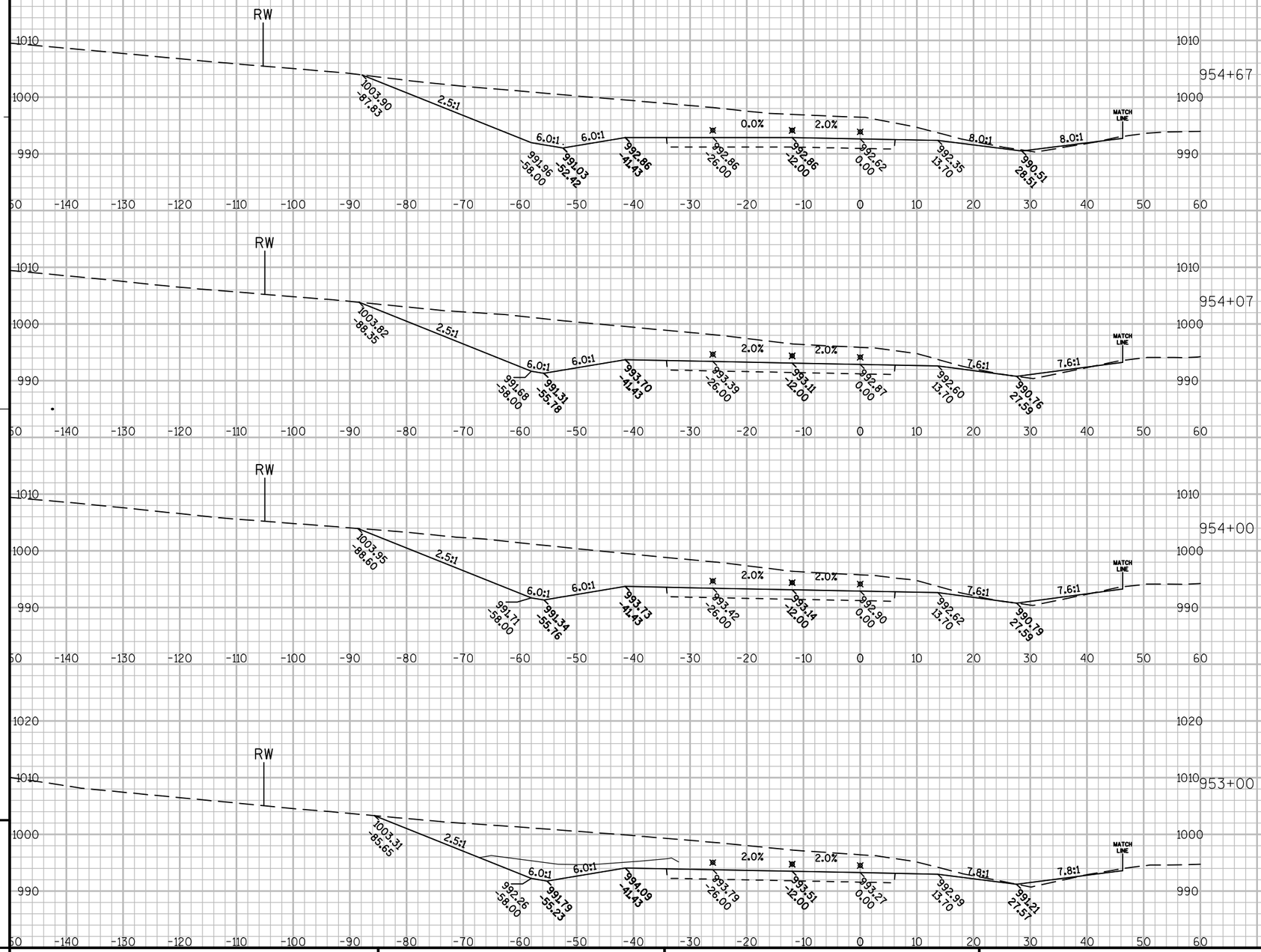
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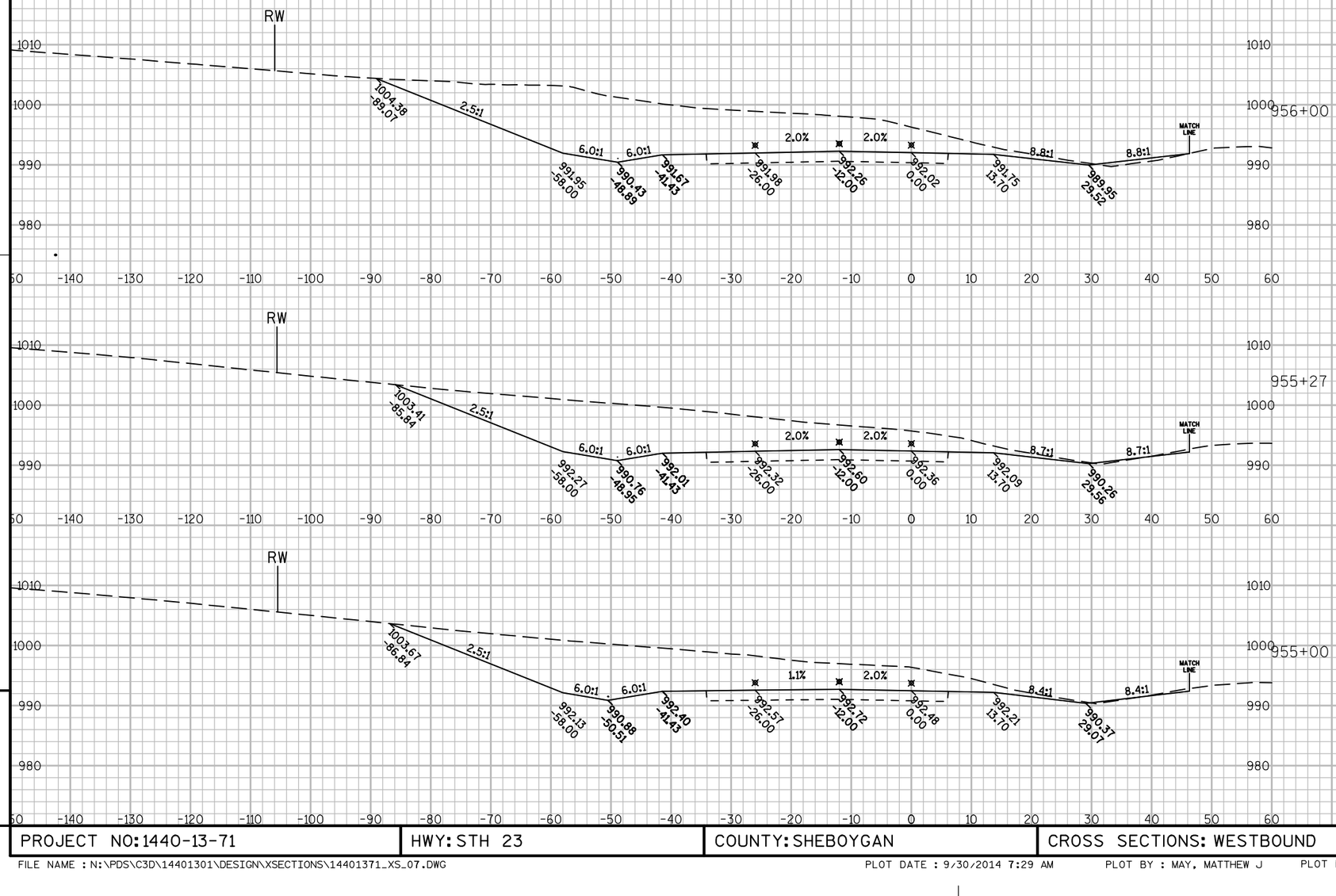
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_07.DWG
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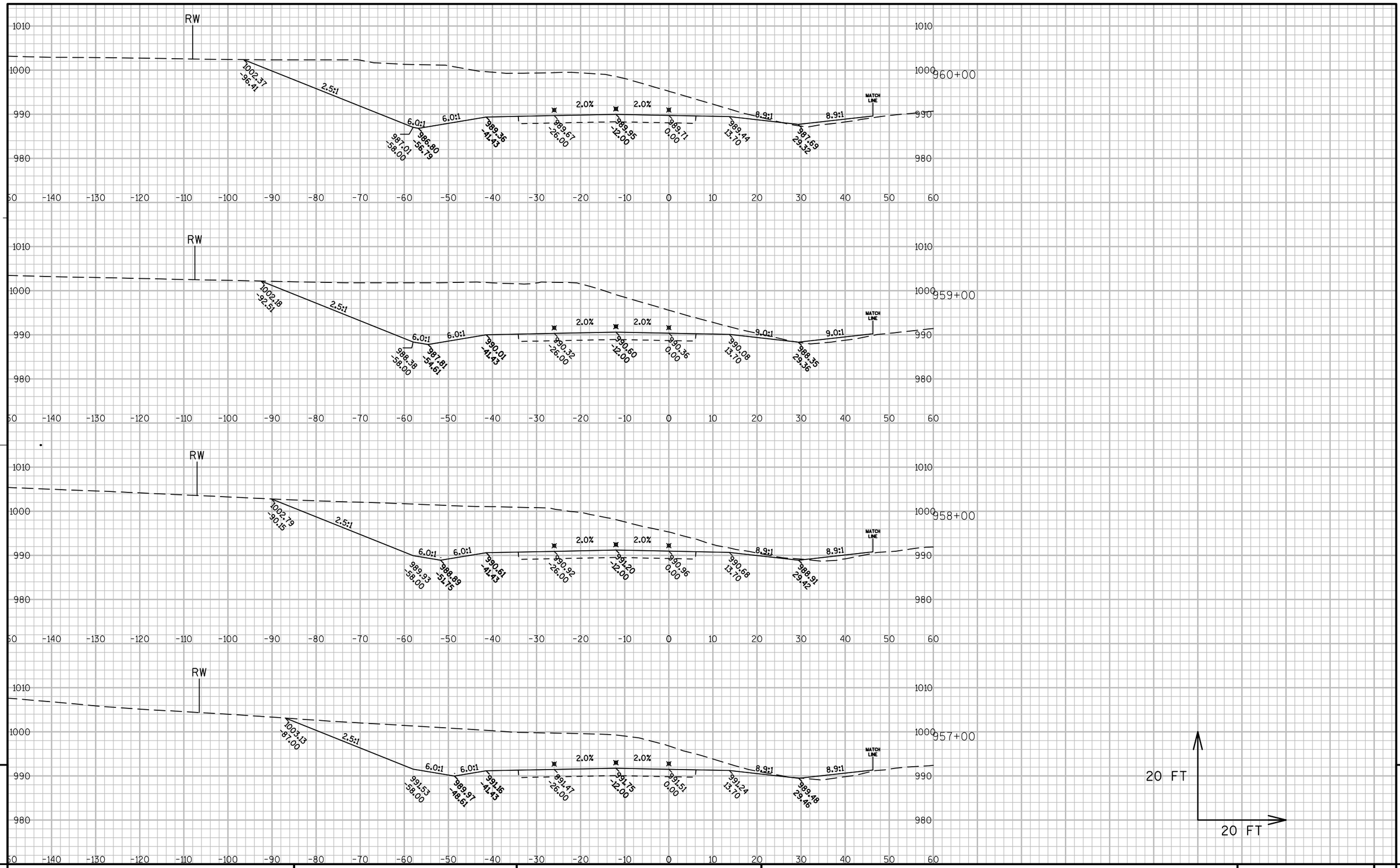


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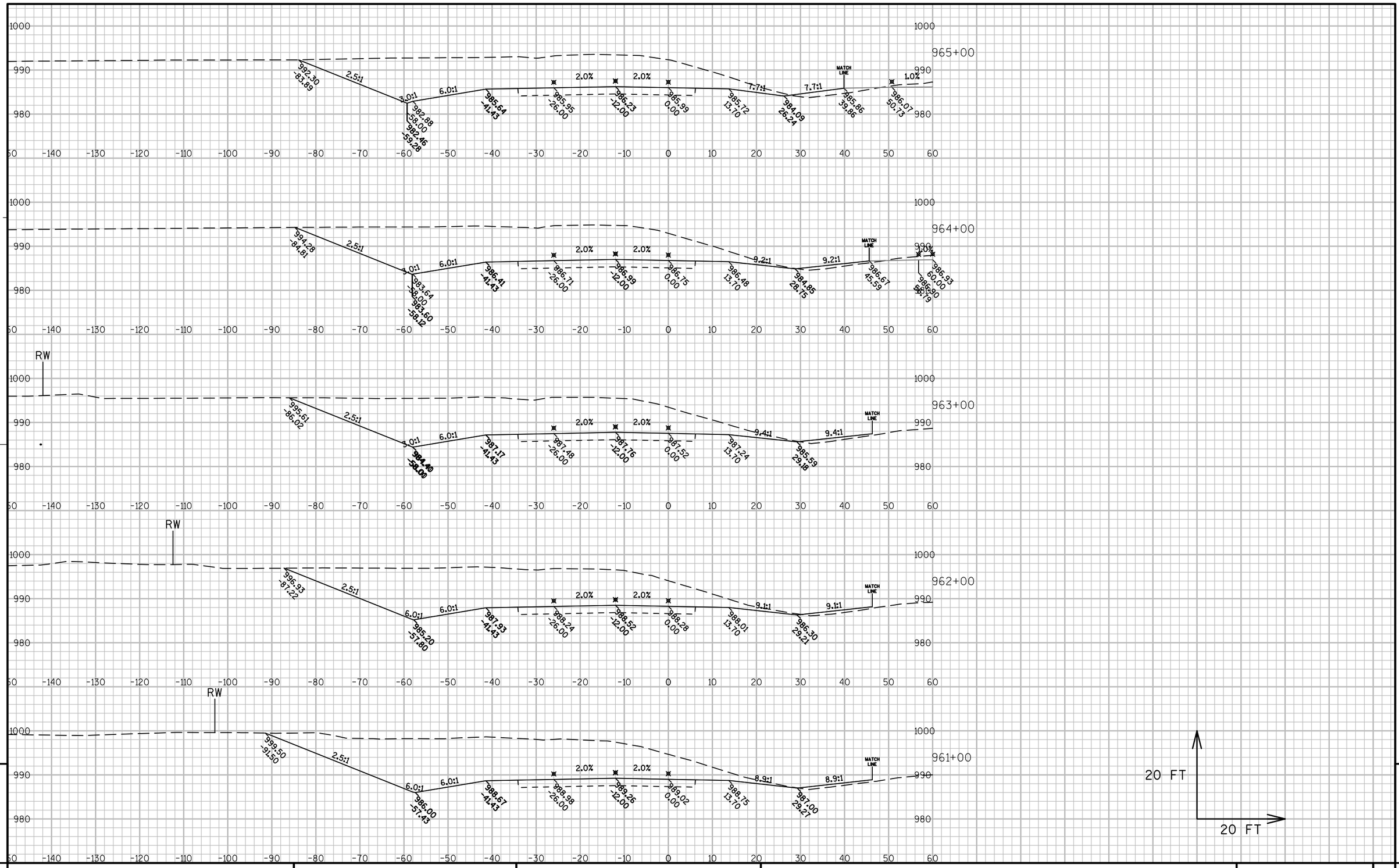
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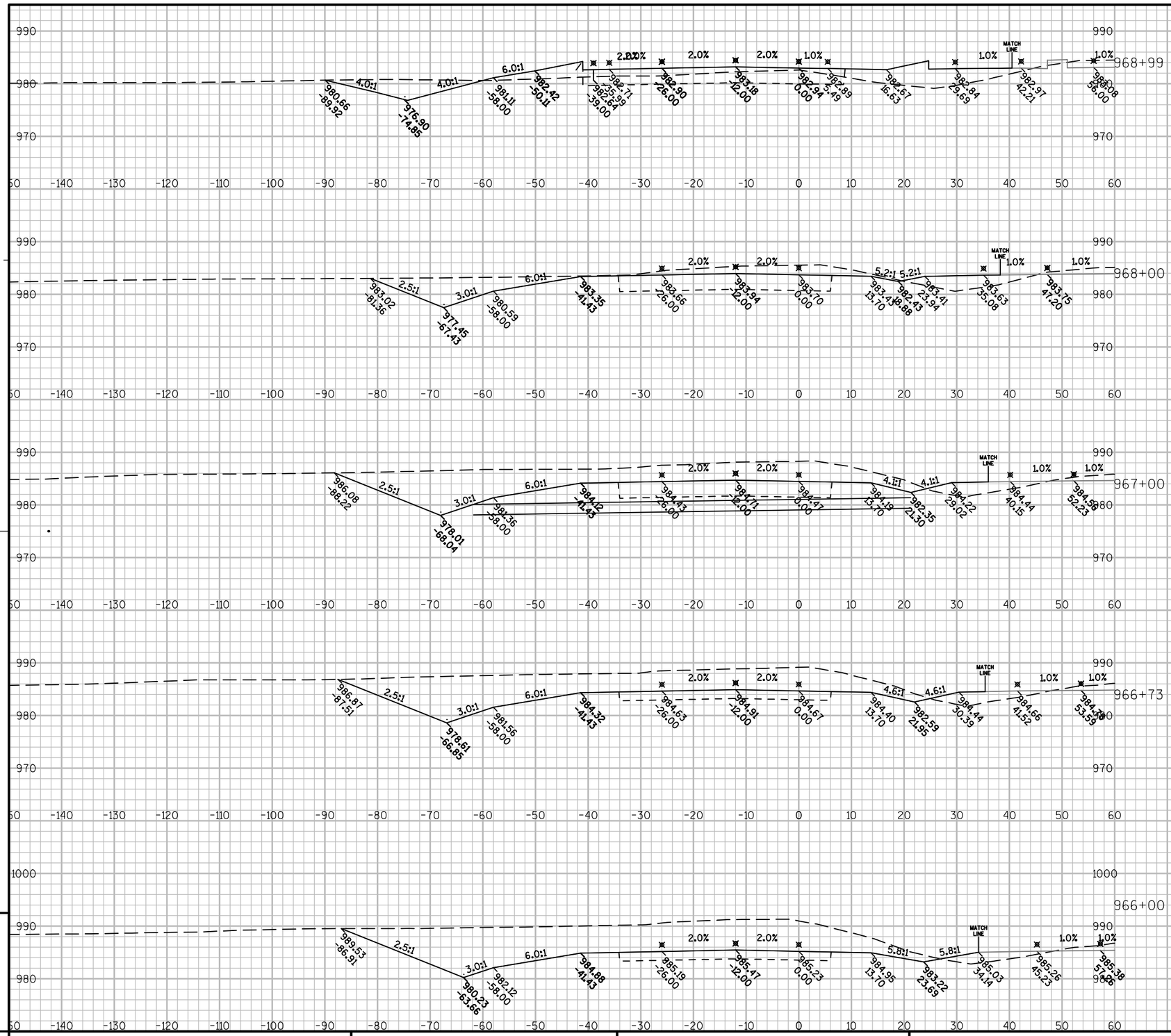
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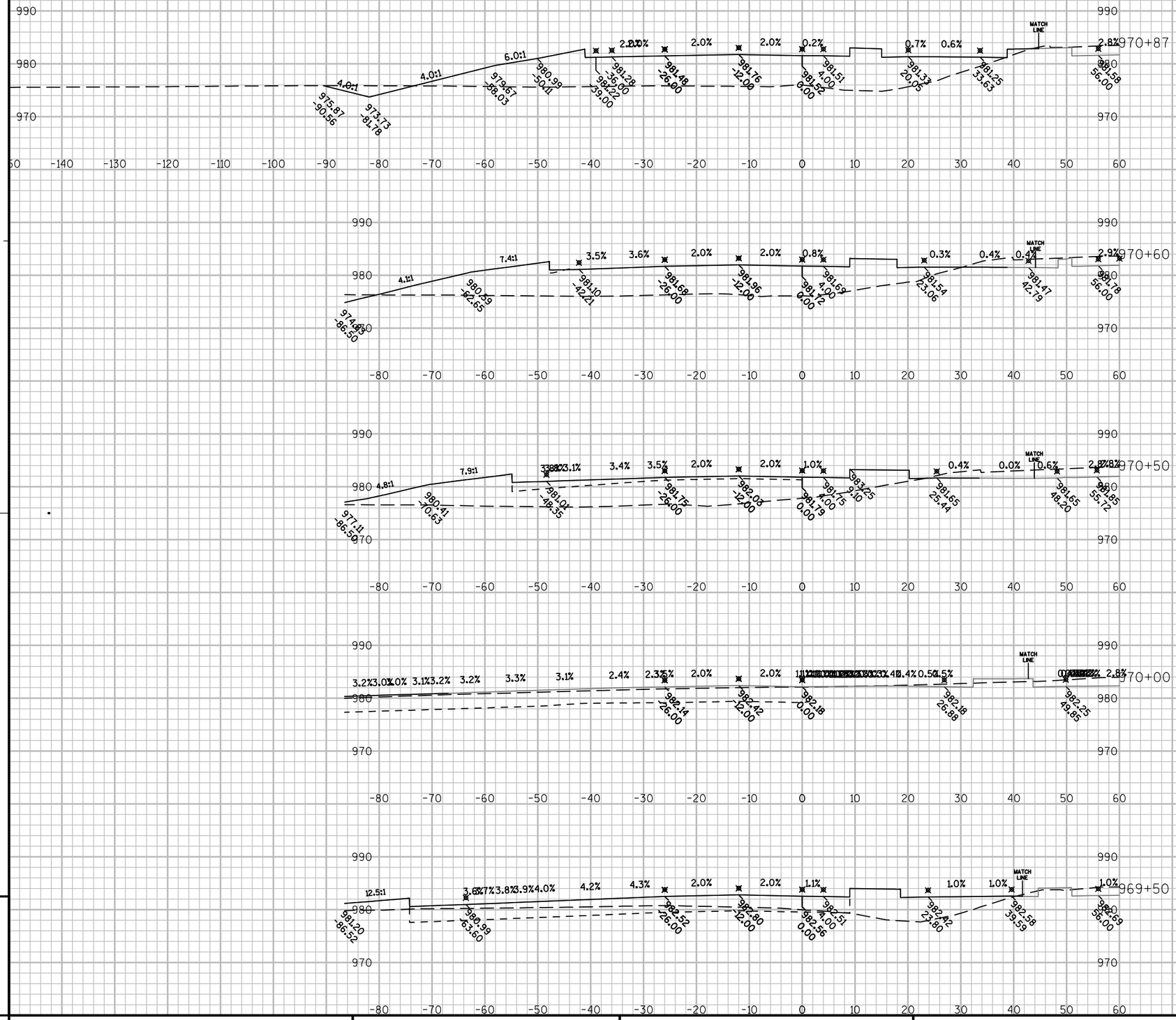
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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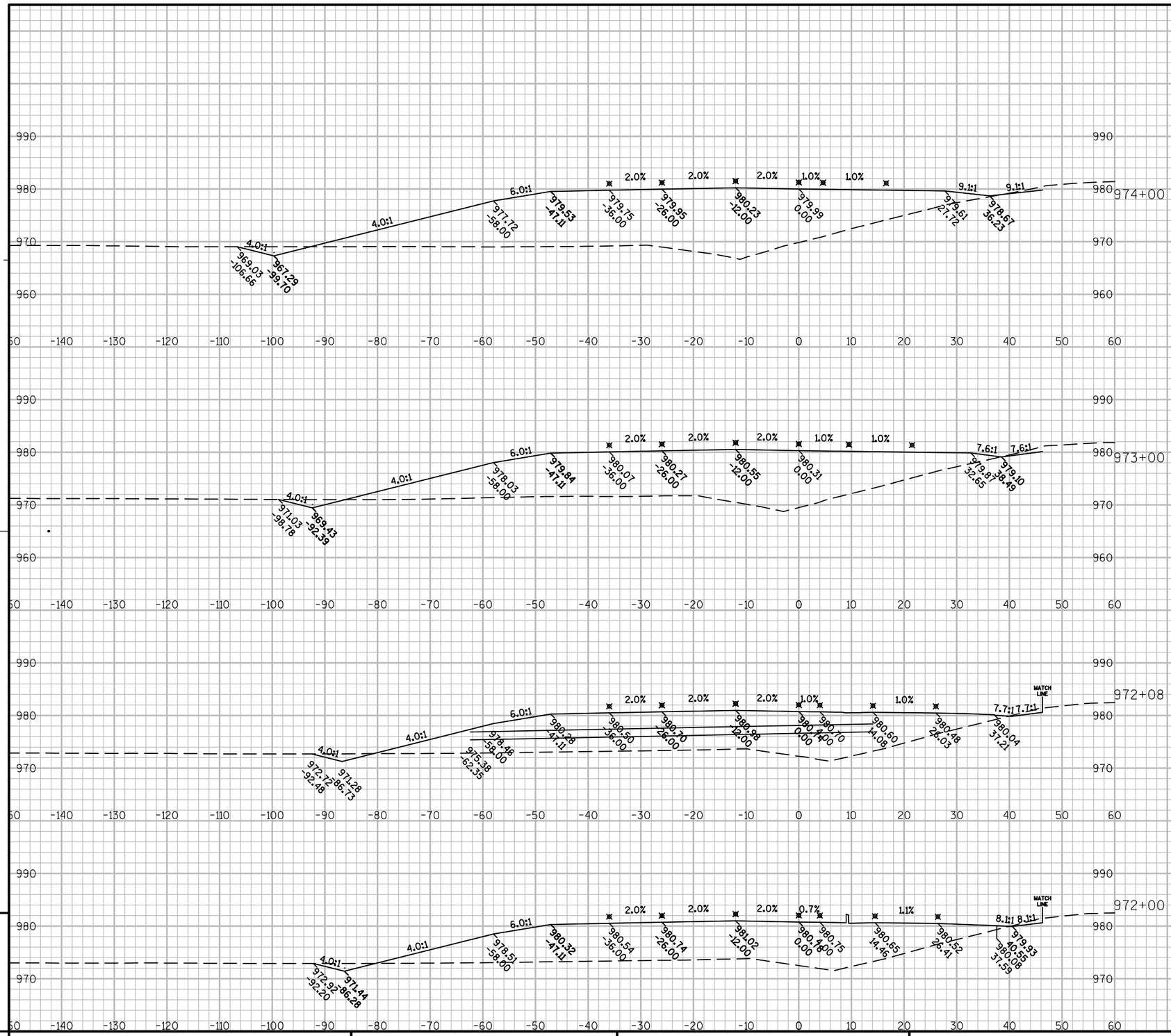
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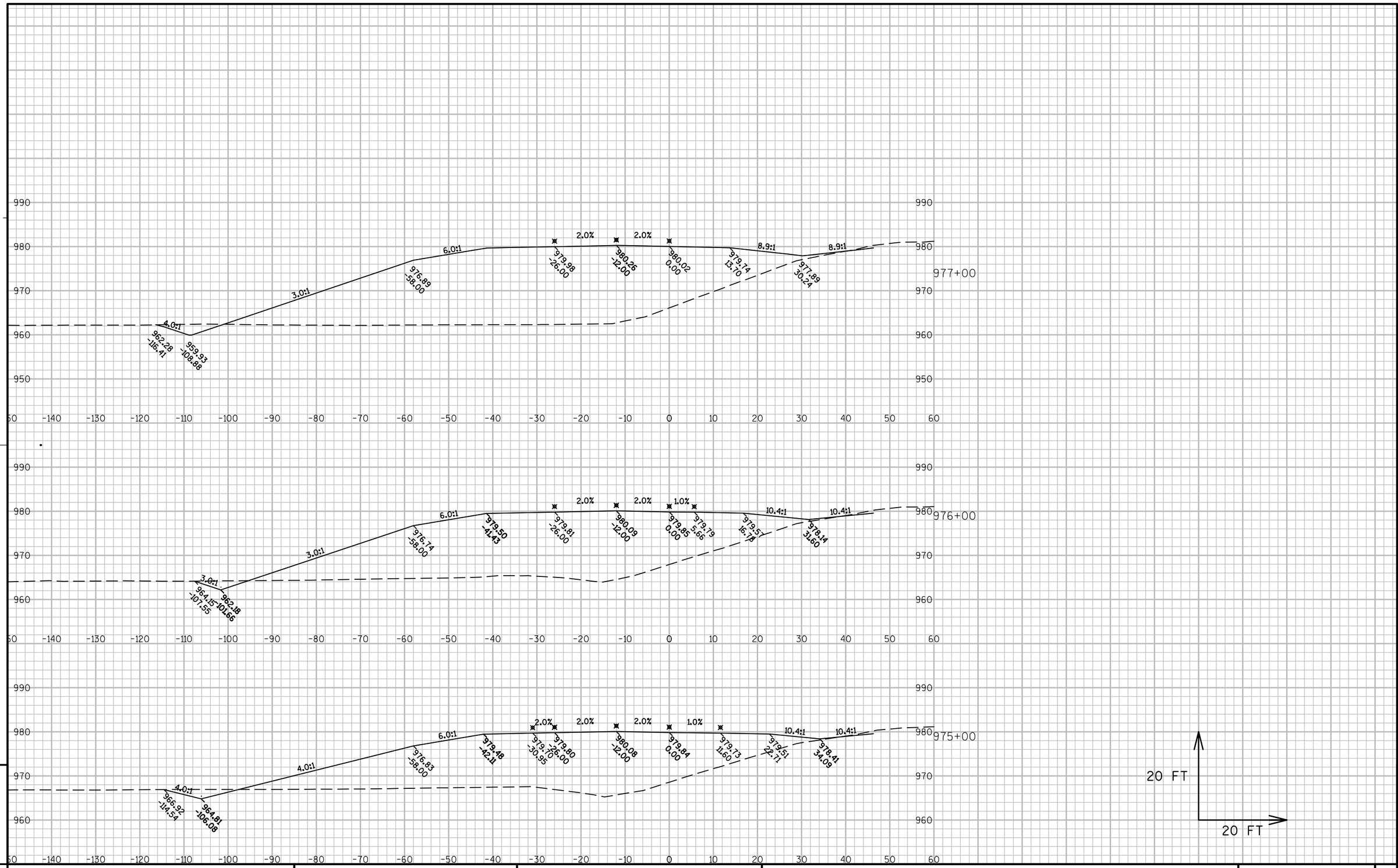
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WISDOT/CADDS SHEET 49



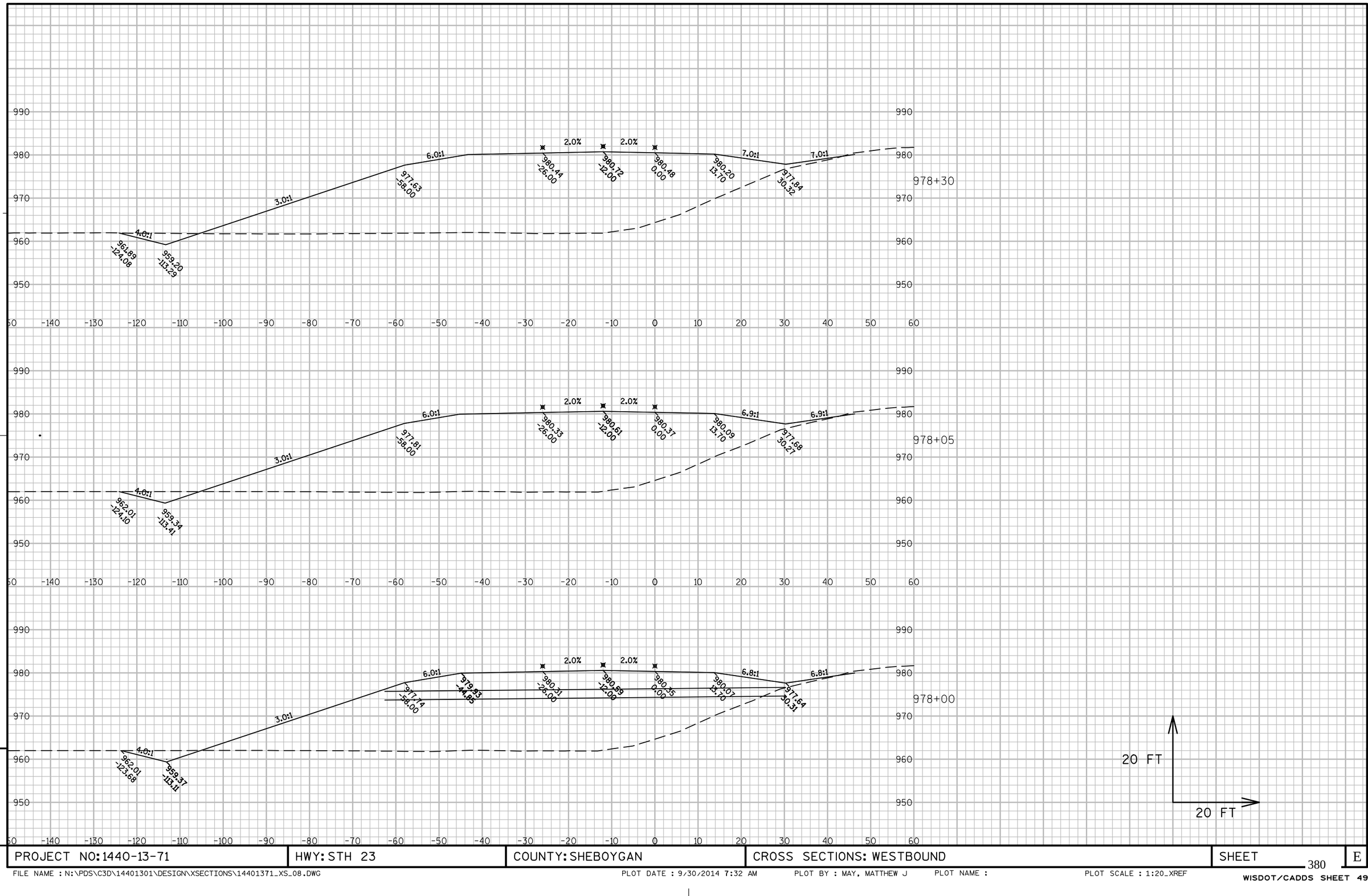
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_08.DWG PLOT DATE : 9/30/2014 7:32 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

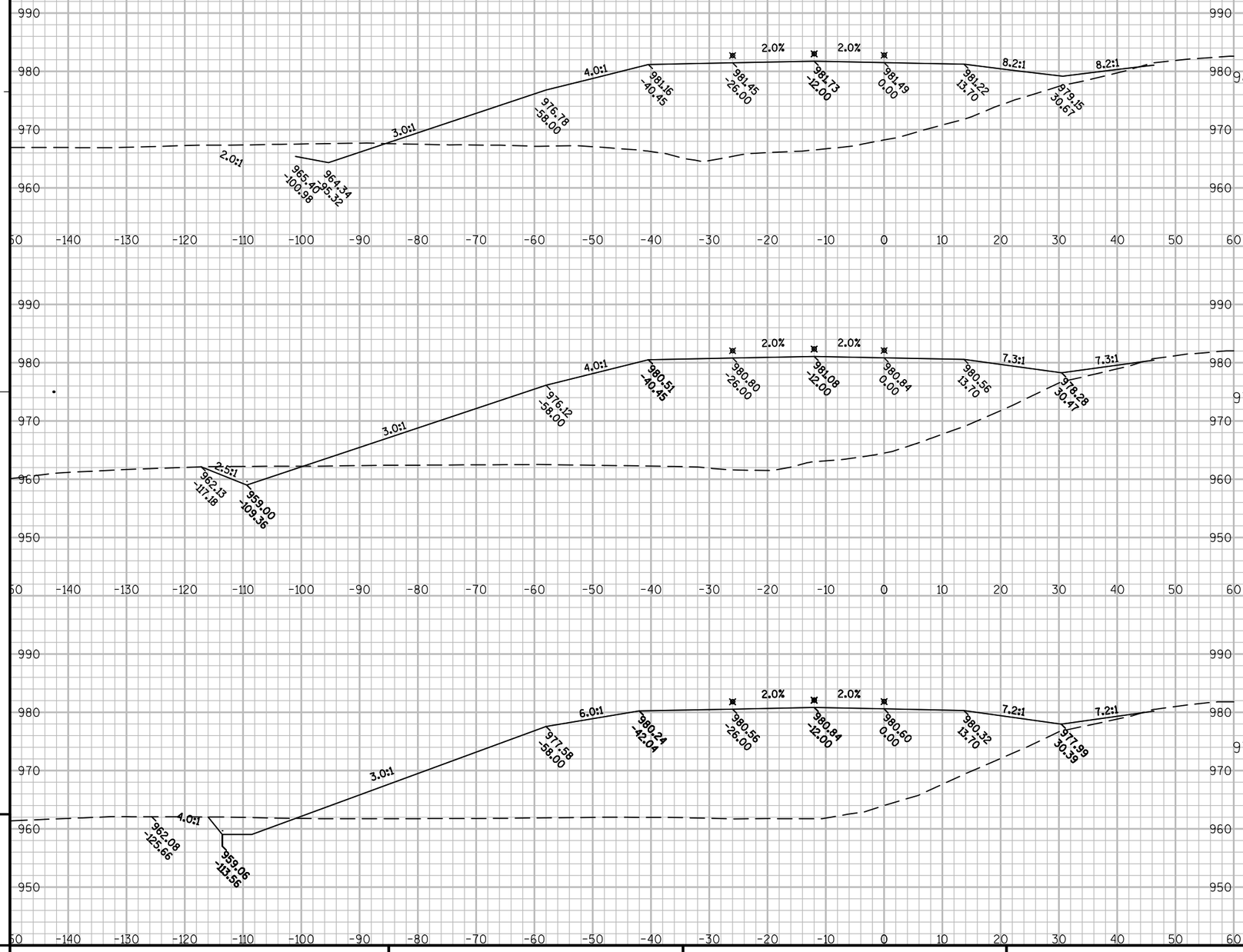
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 380	E

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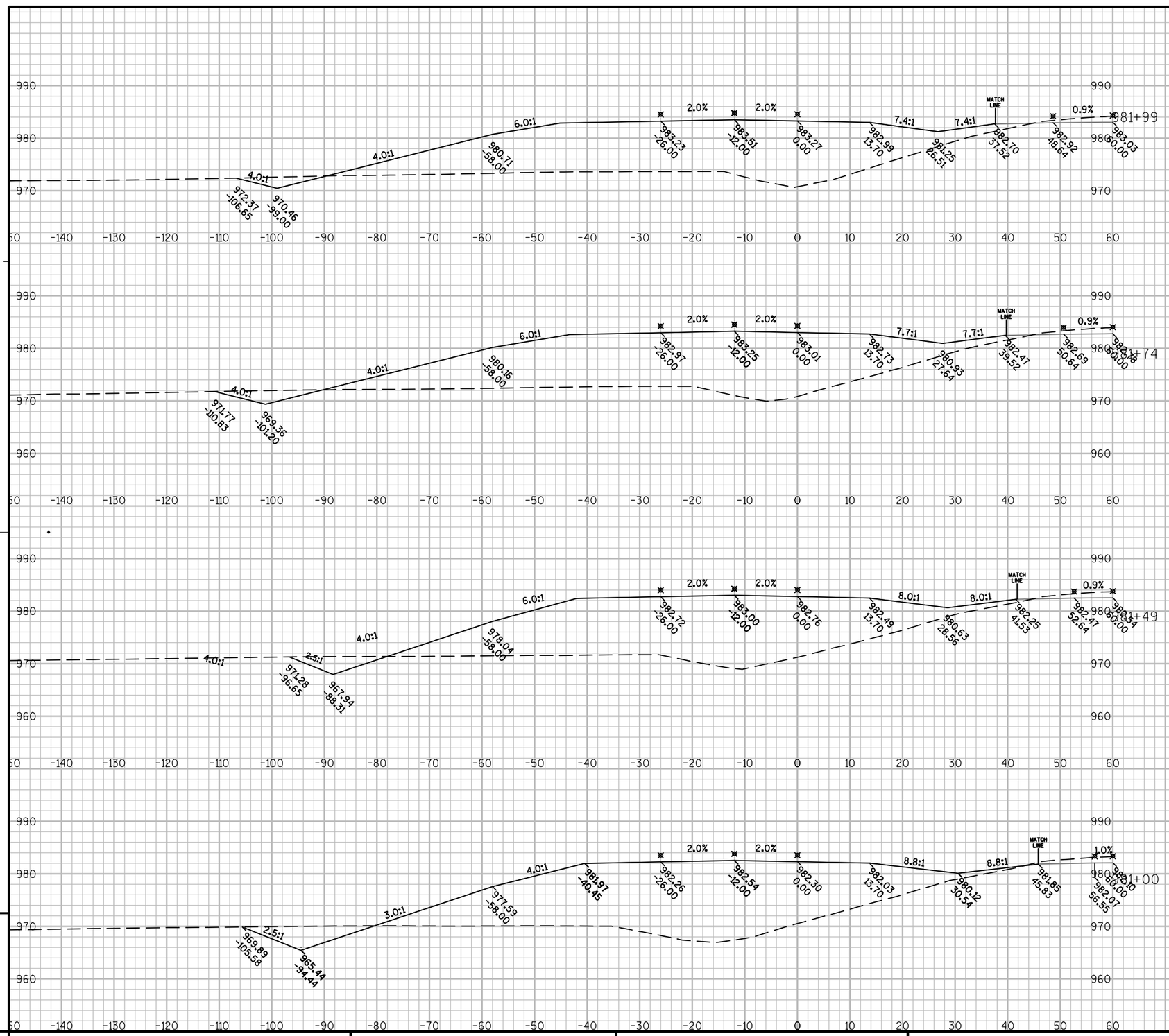
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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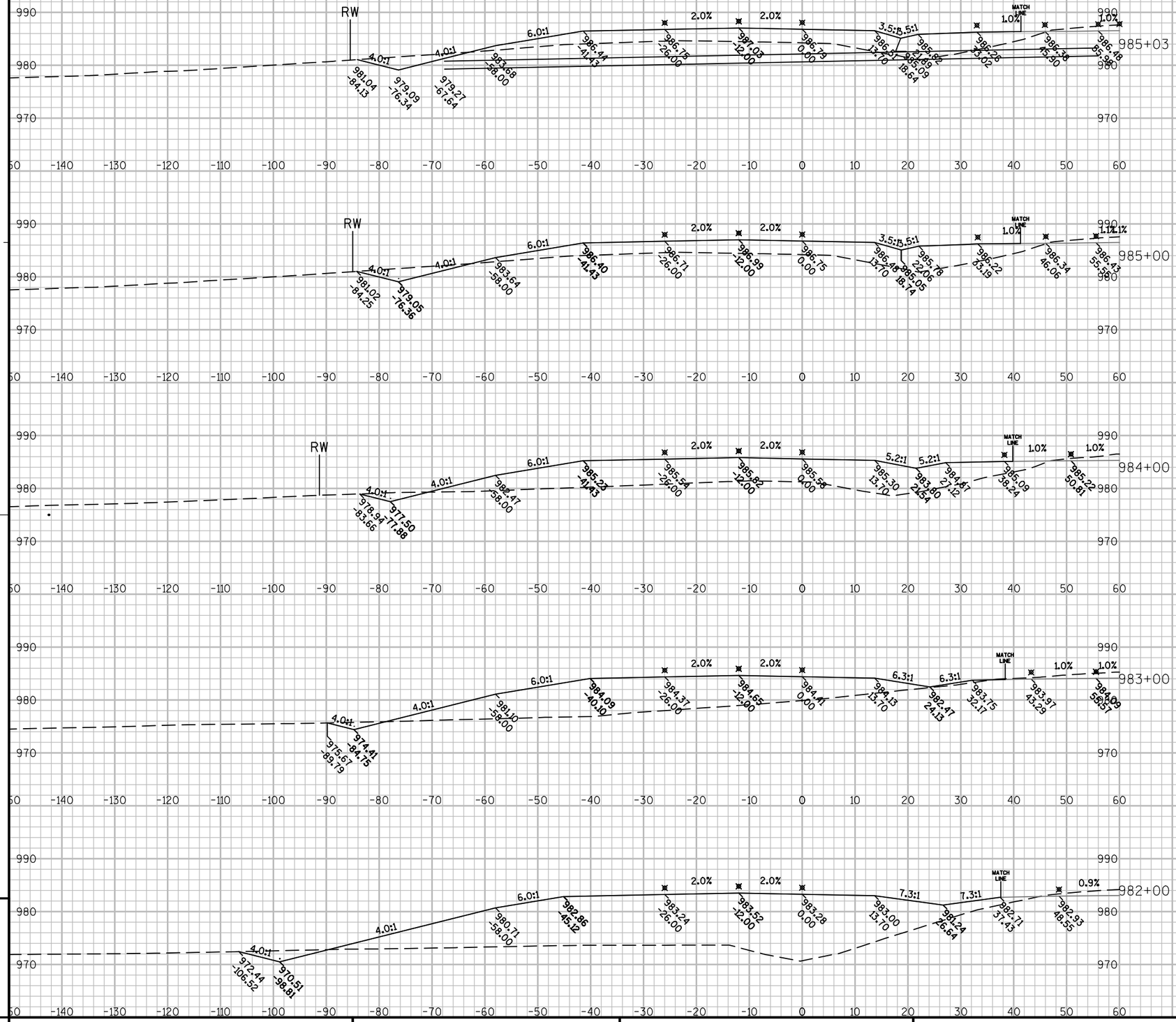
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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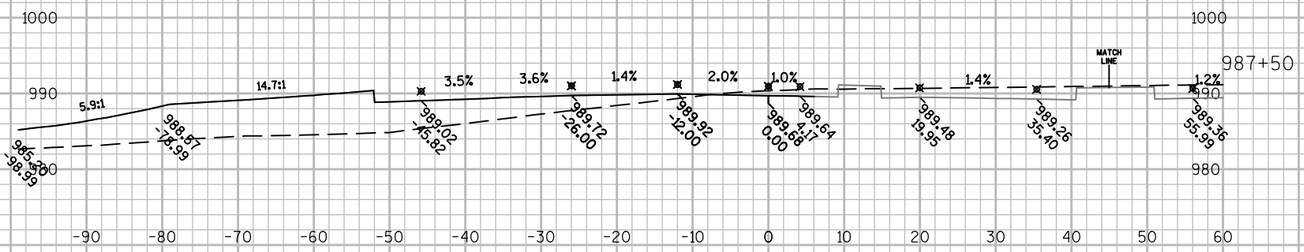
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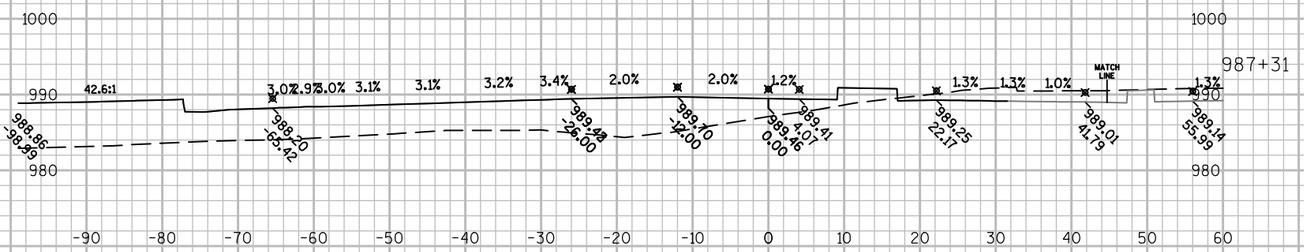


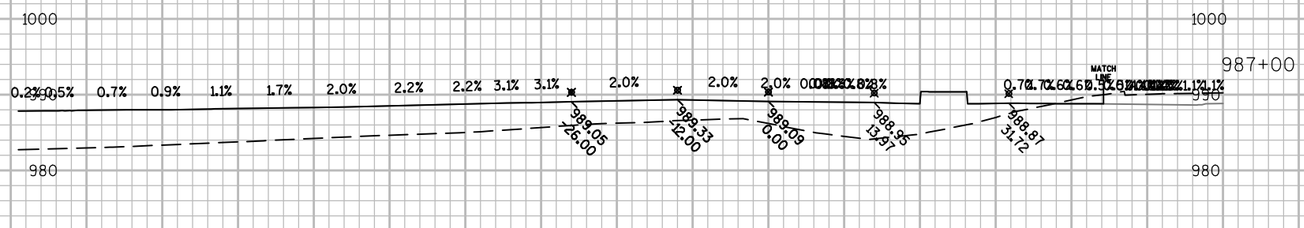
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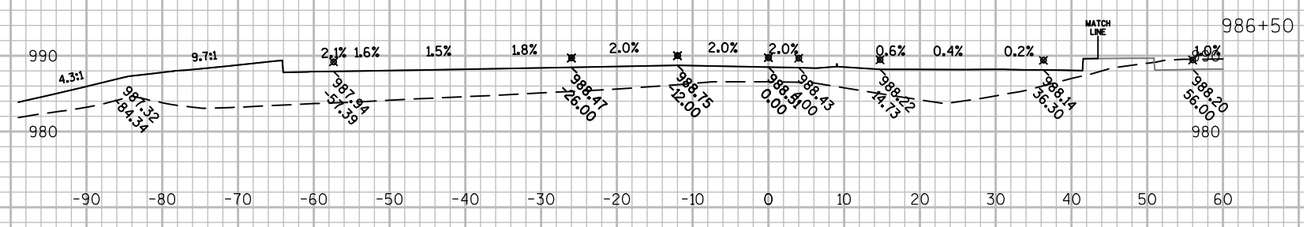
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WISDOT/CADDS SHEET 49

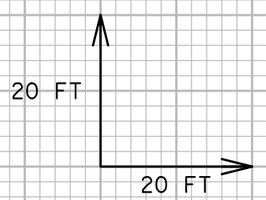












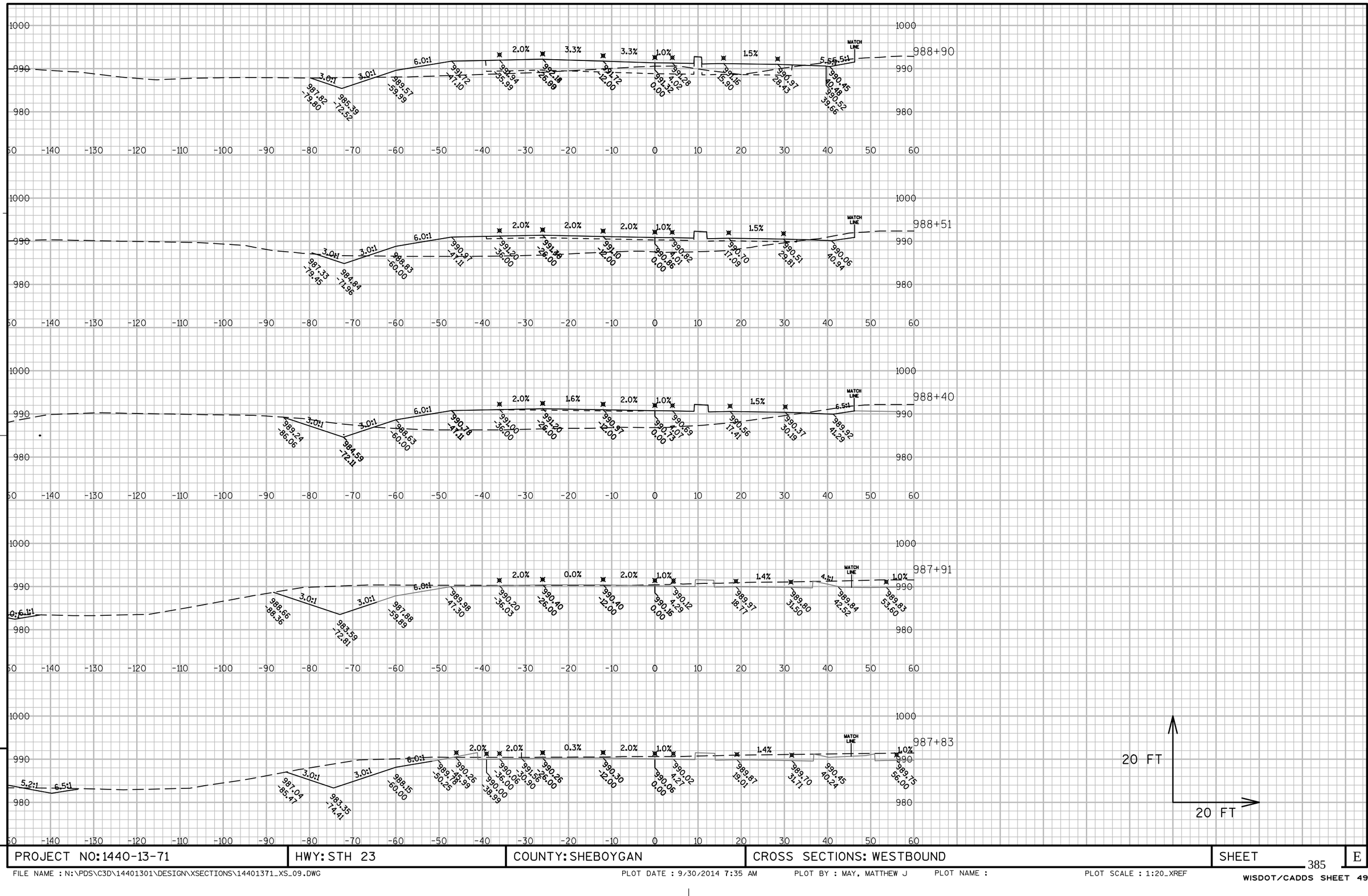
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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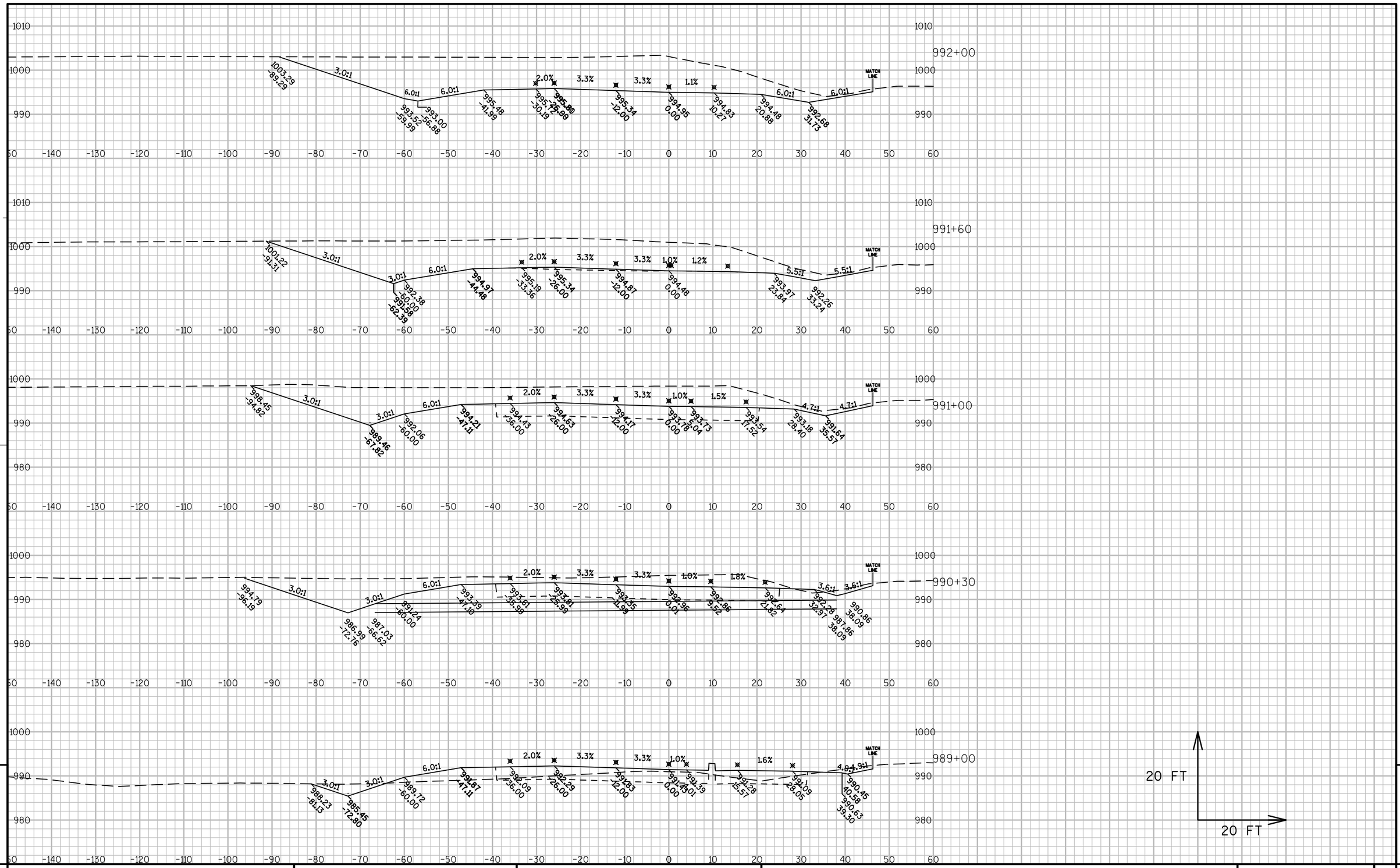
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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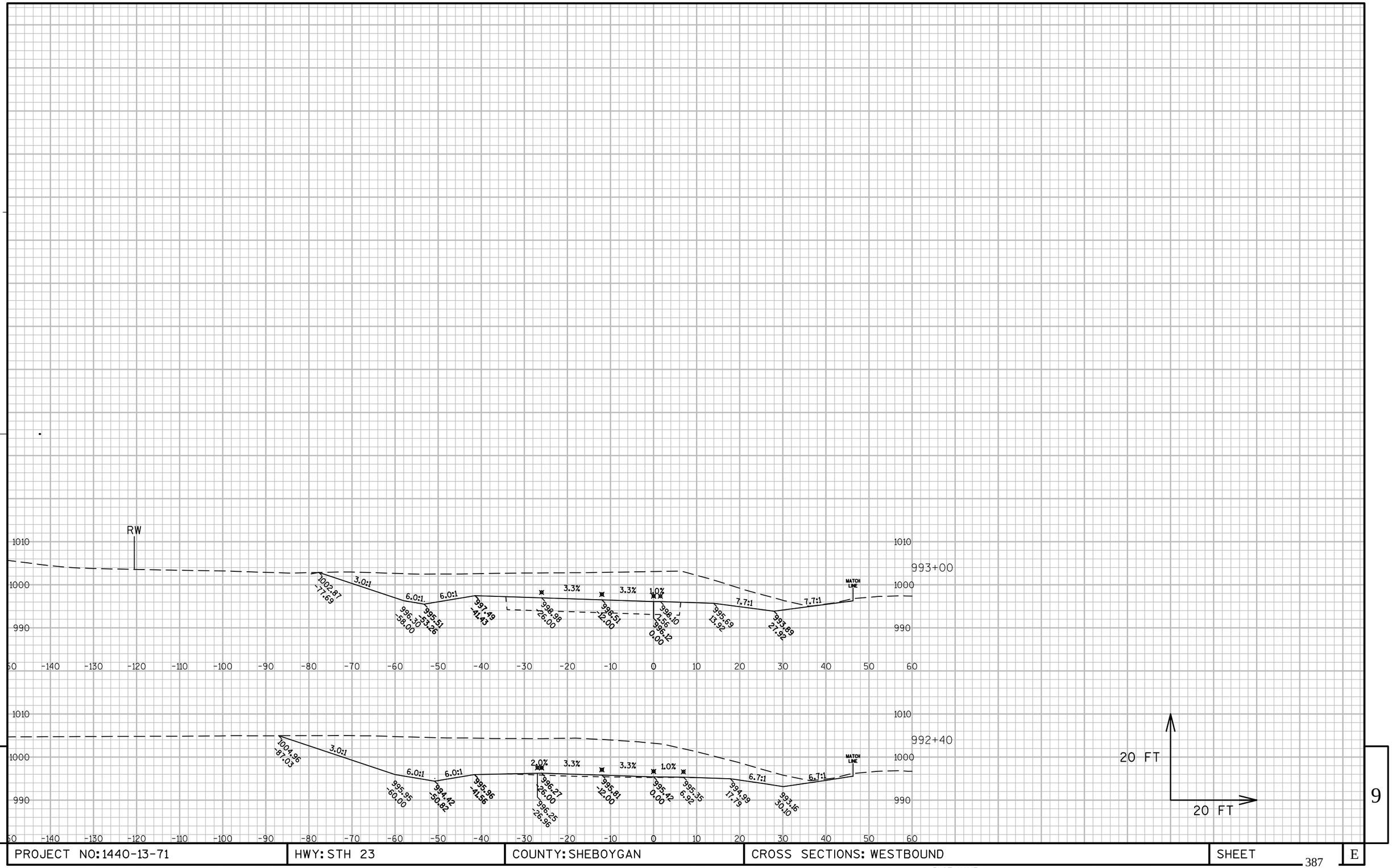
WISDOT/CADDS SHEET 49



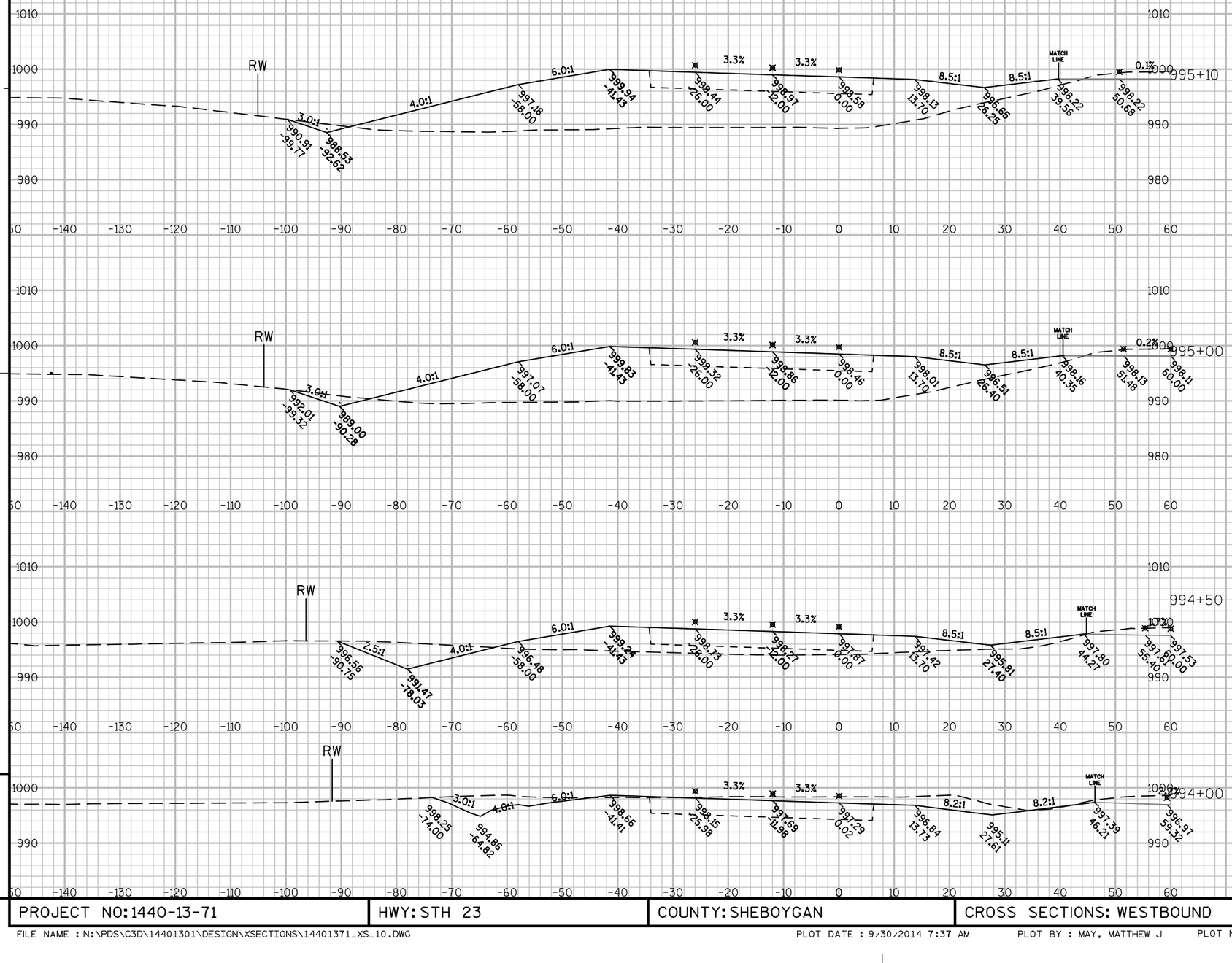
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WISDOT/CADDS SHEET 49

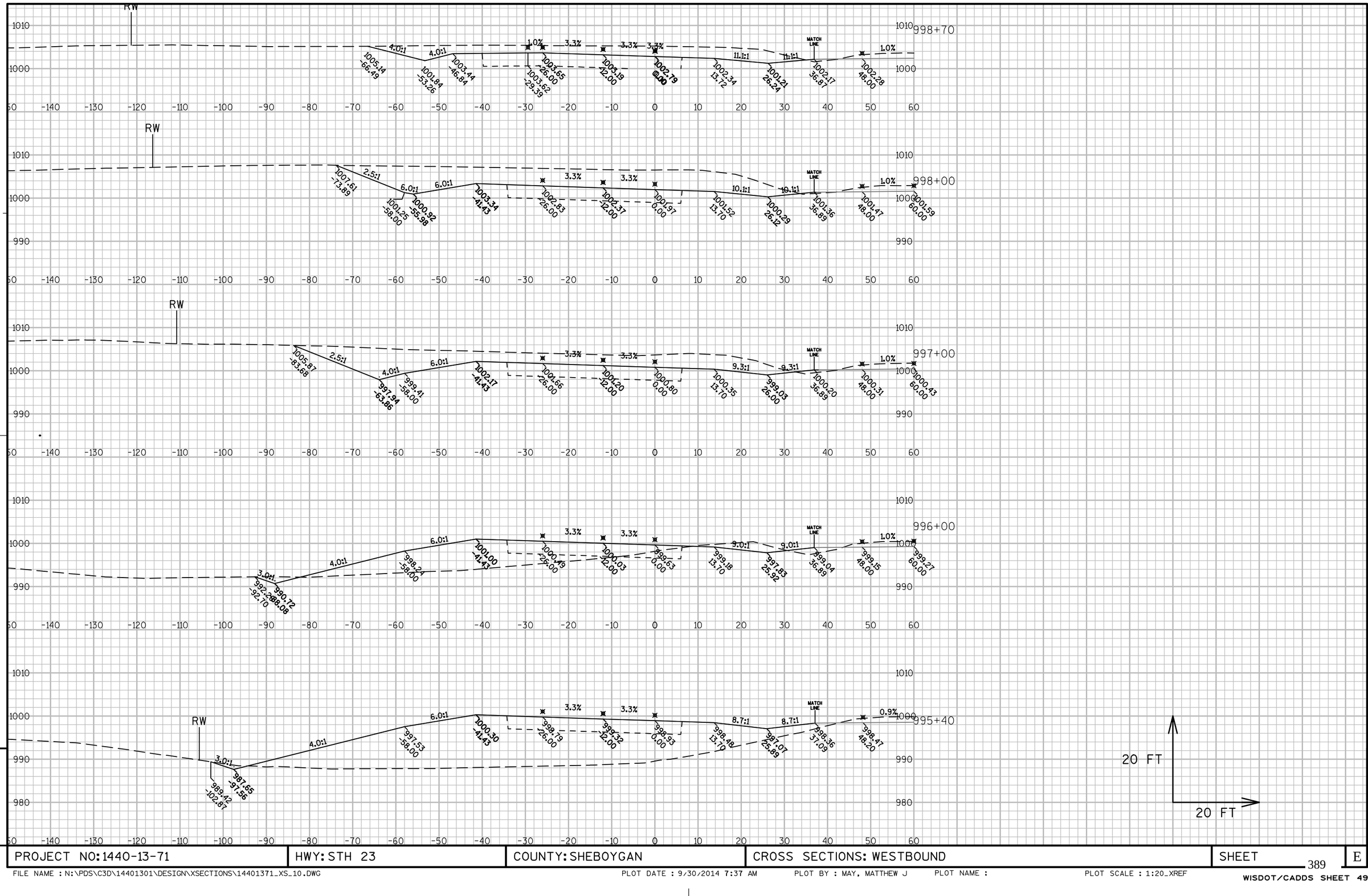


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E



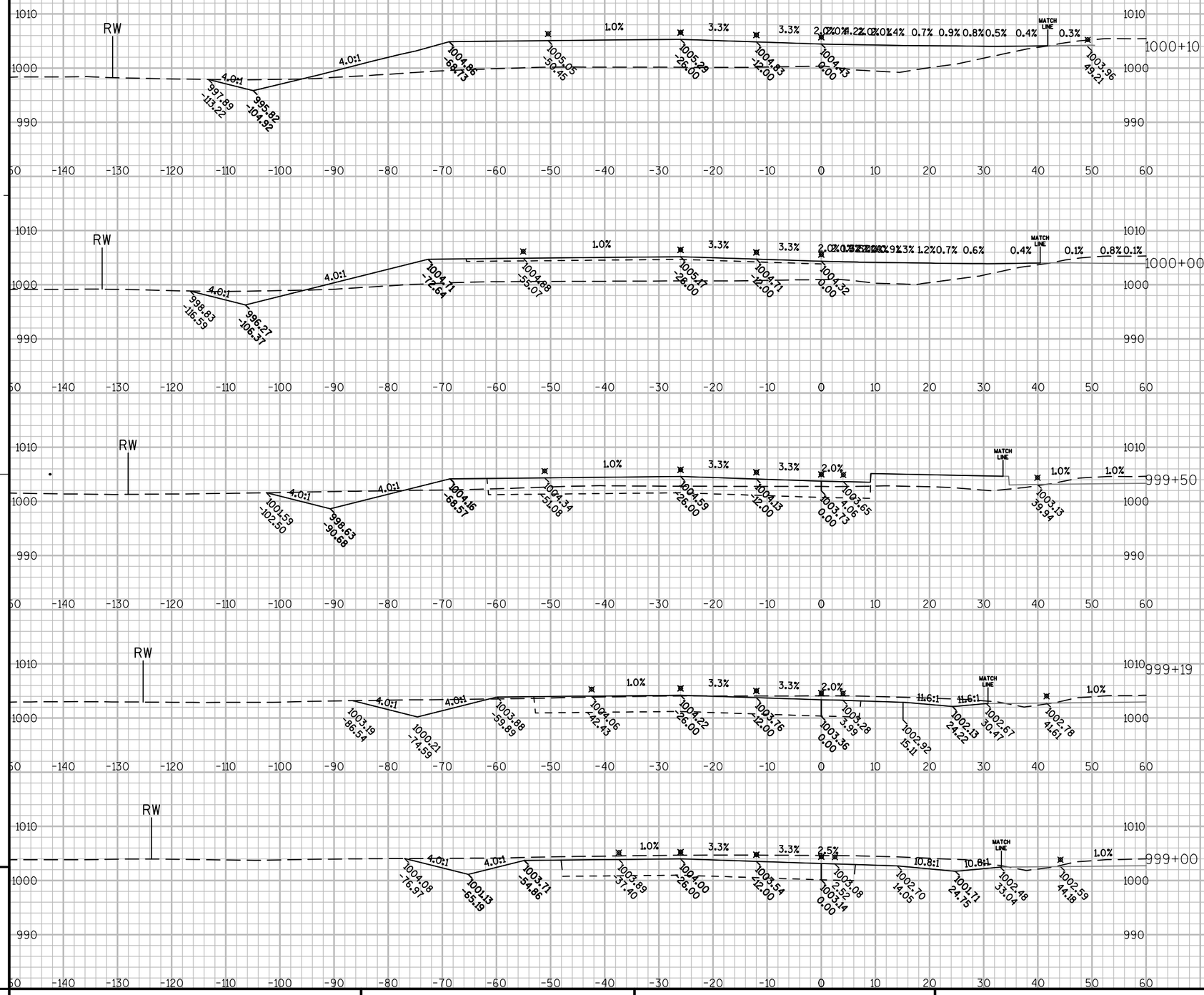
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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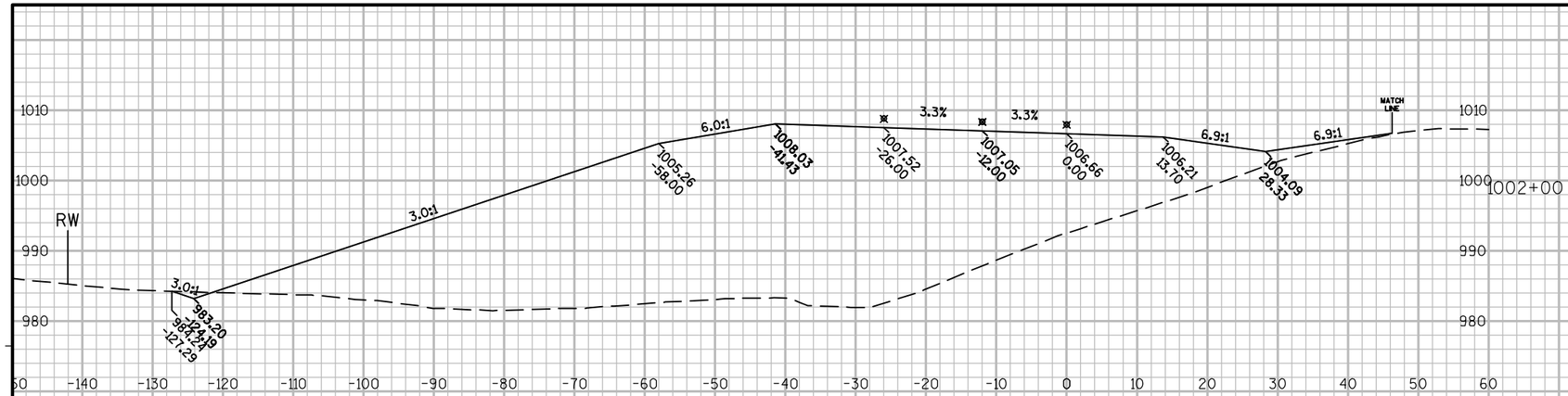
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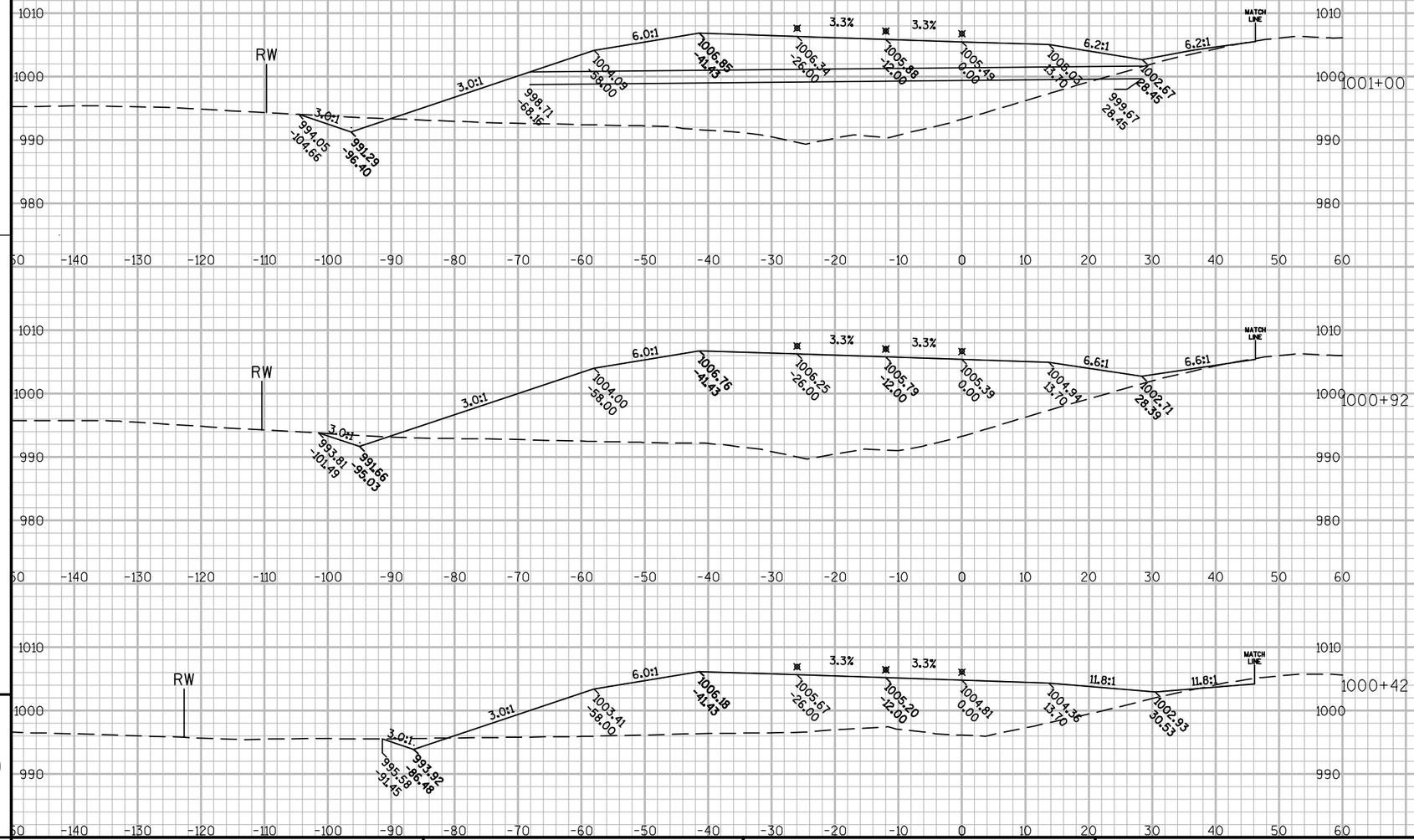
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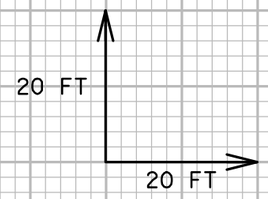


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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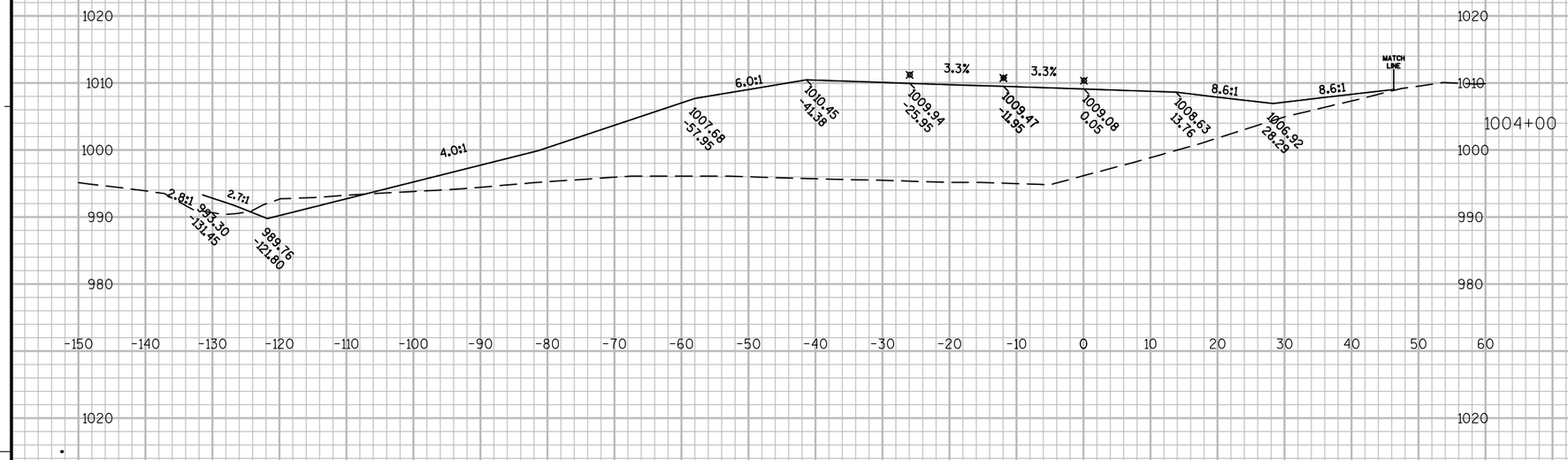


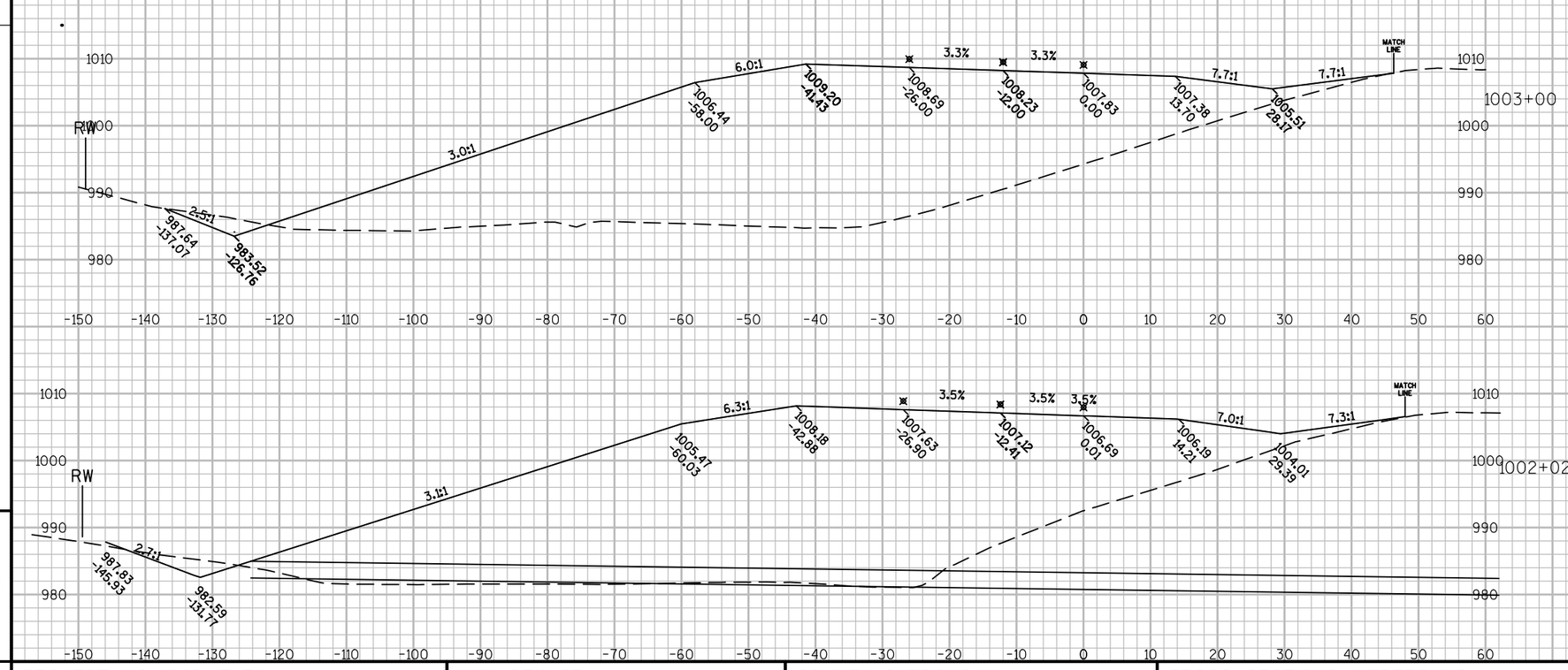
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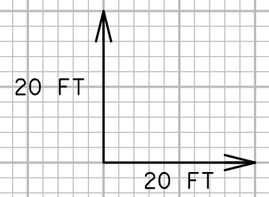
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 391	E

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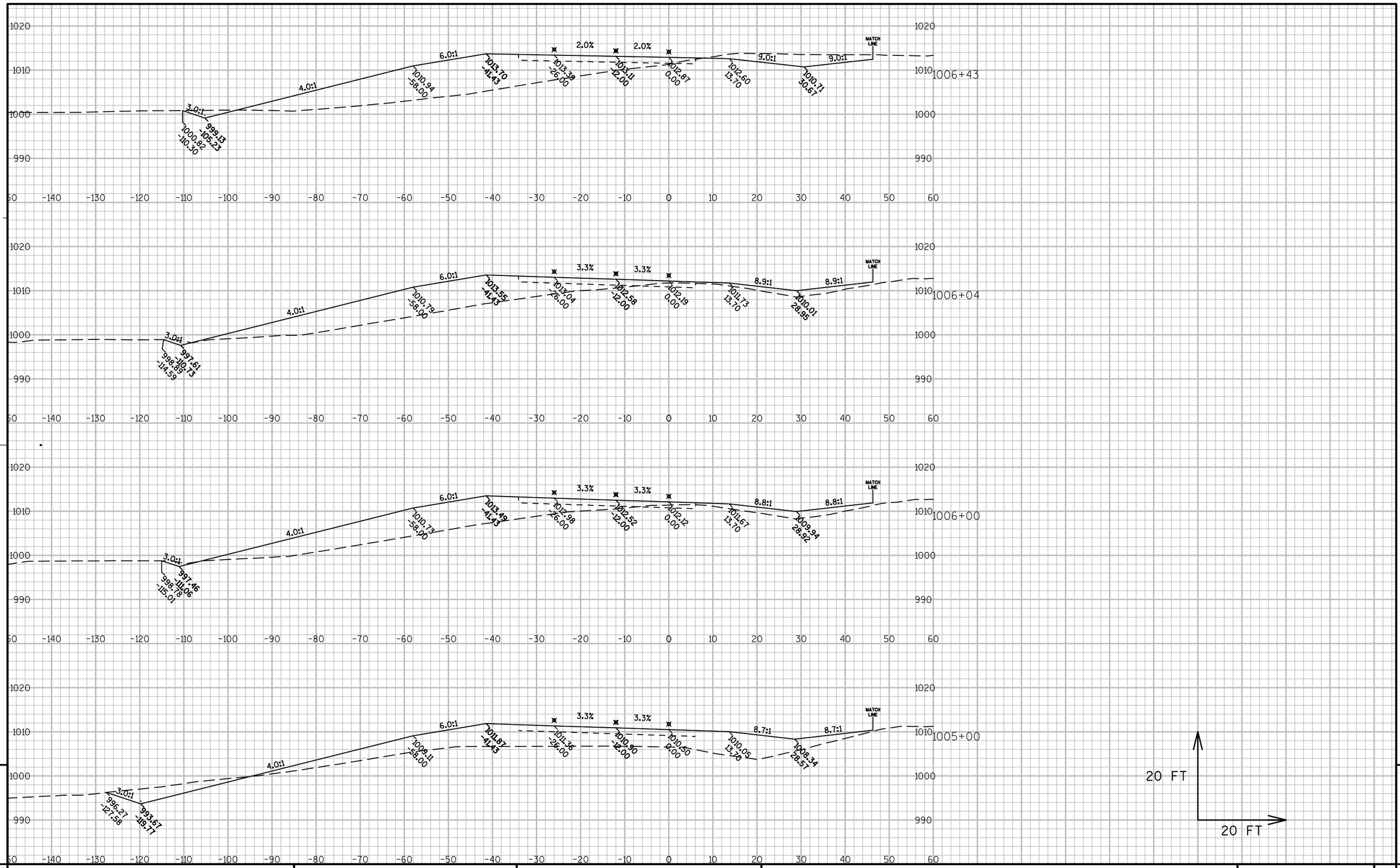






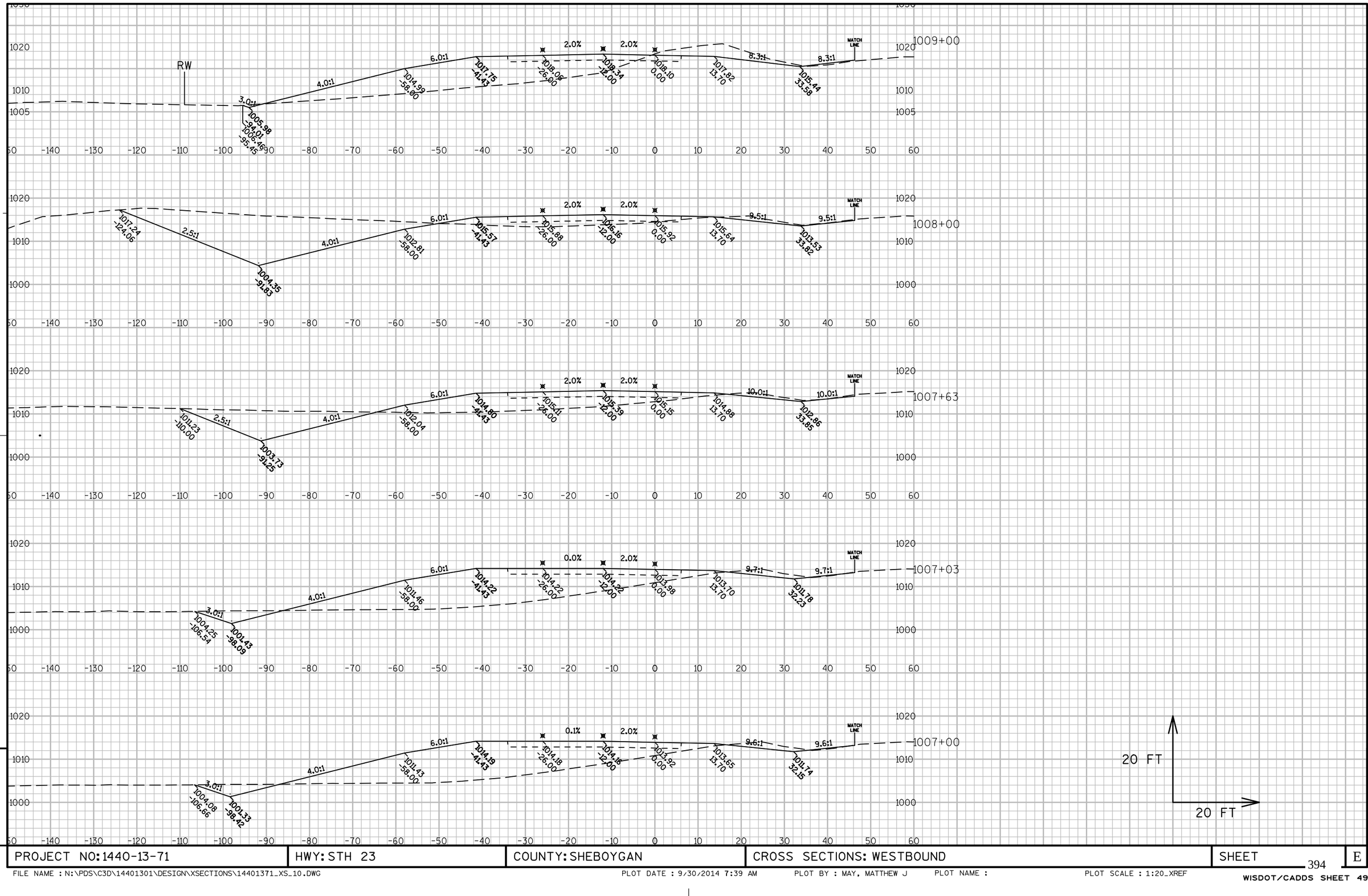
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_10.DWG PLOT DATE : 9/30/2014 7:38 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



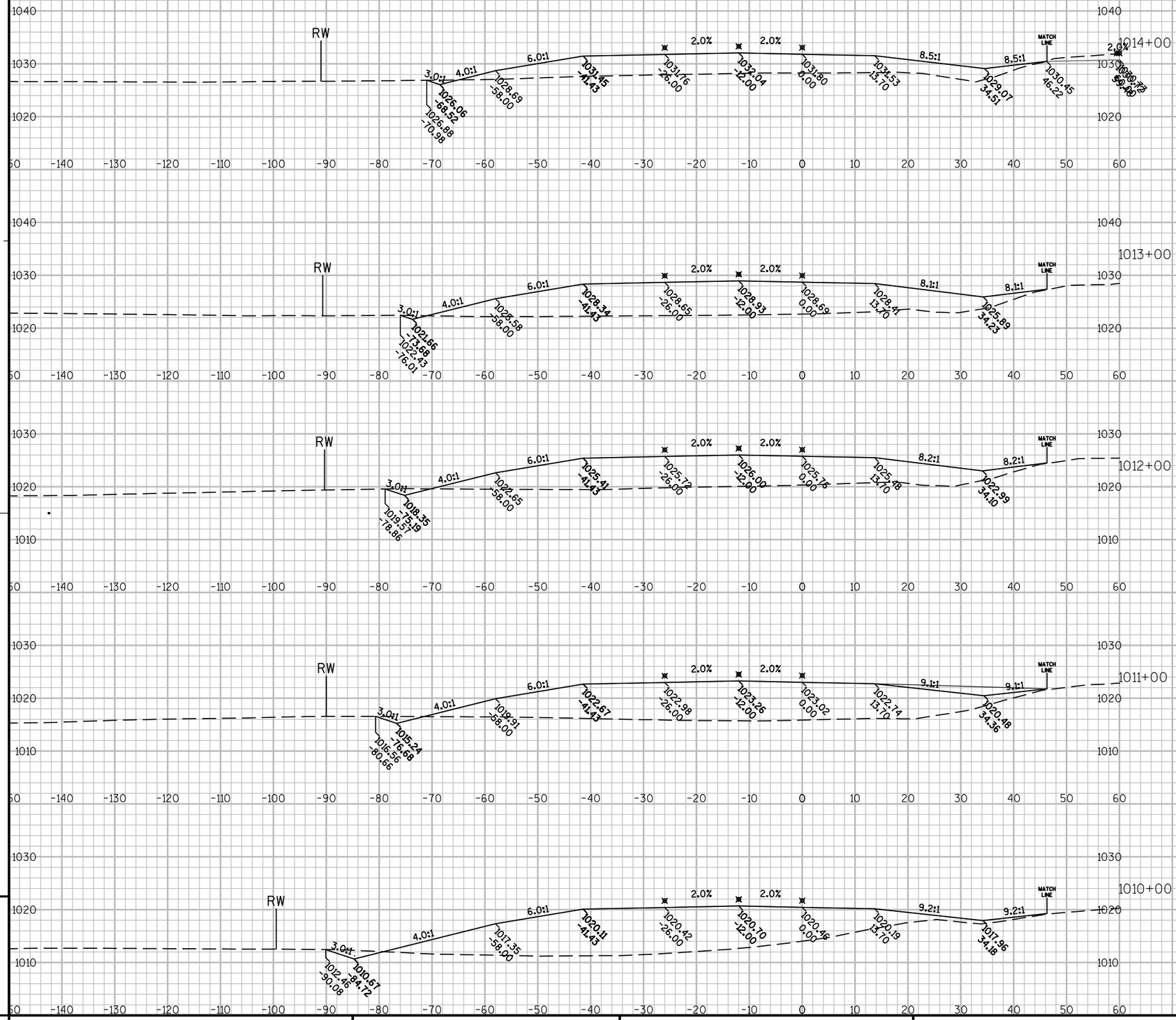
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_10.DWG PLOT DATE : 9/30/2014 7:39 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_10.DWG PLOT DATE : 9/30/2014 7:39 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



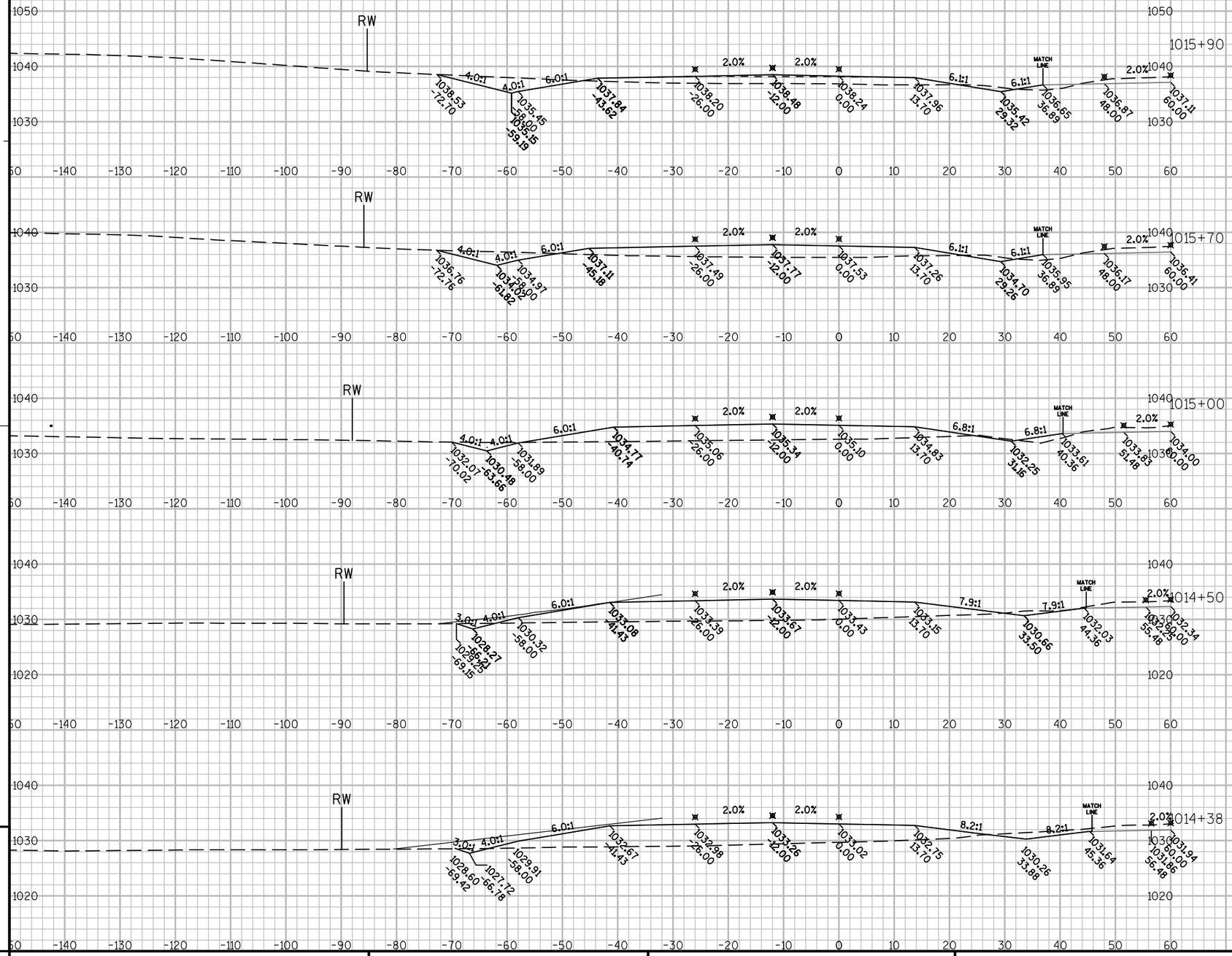
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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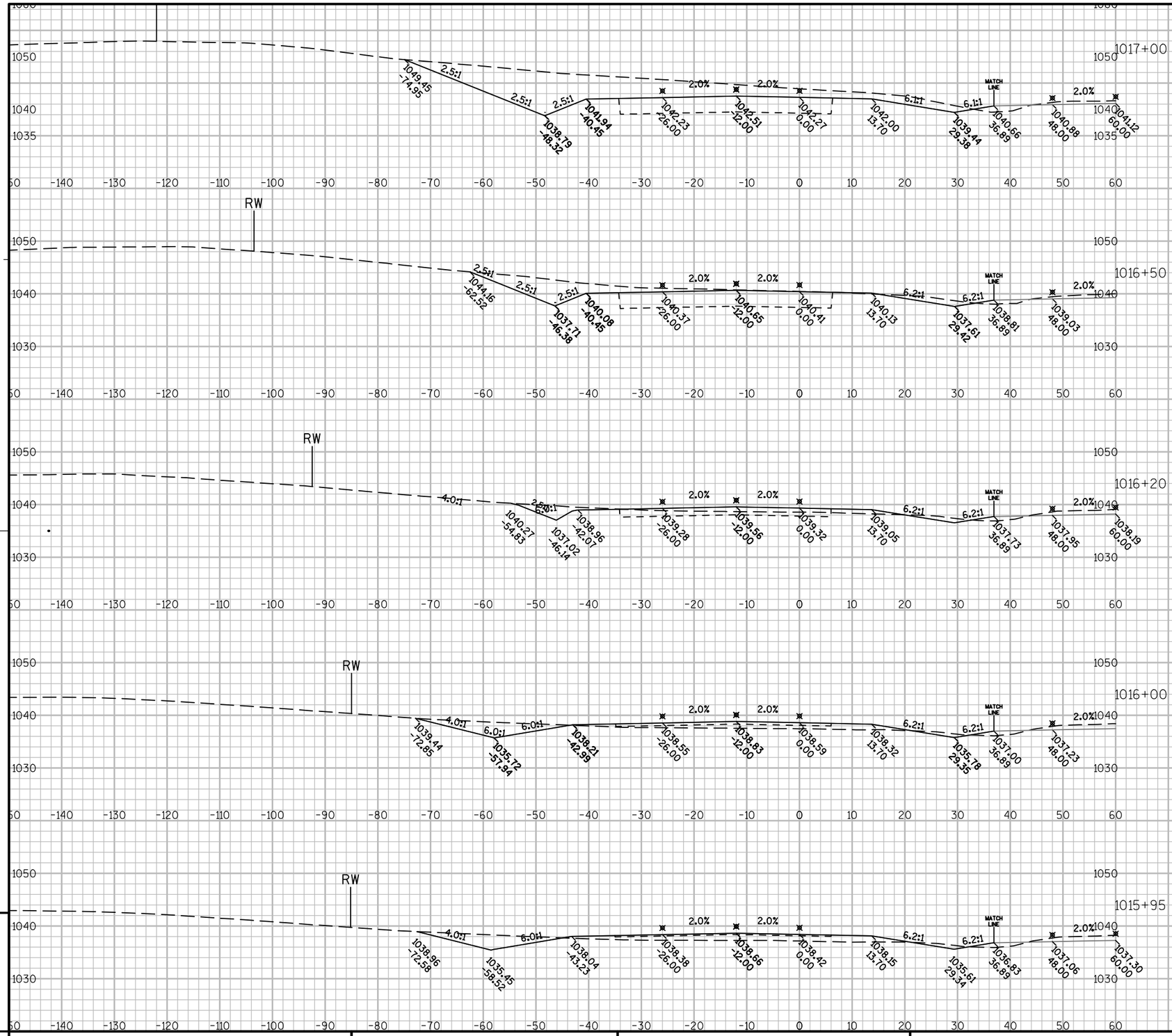
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

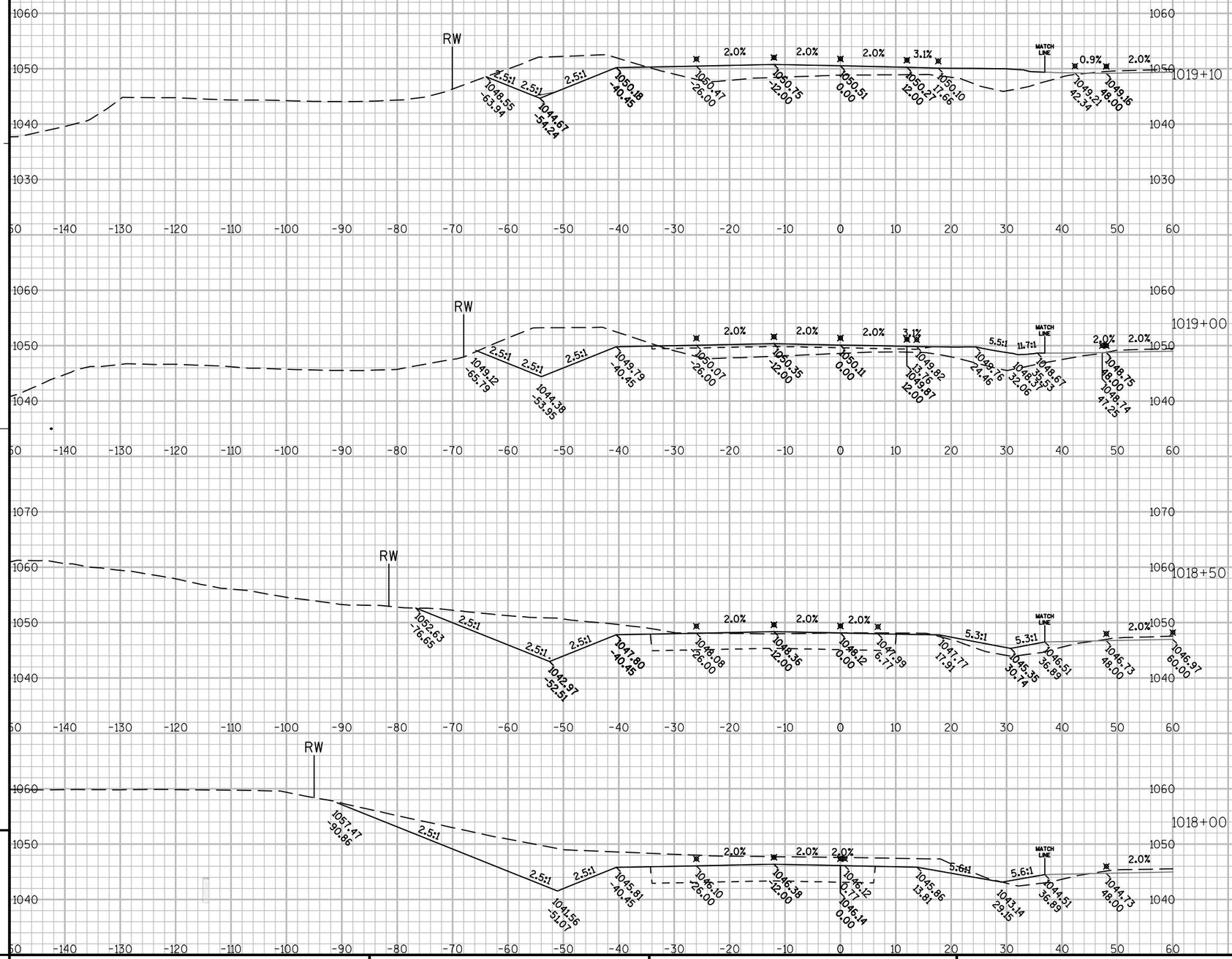
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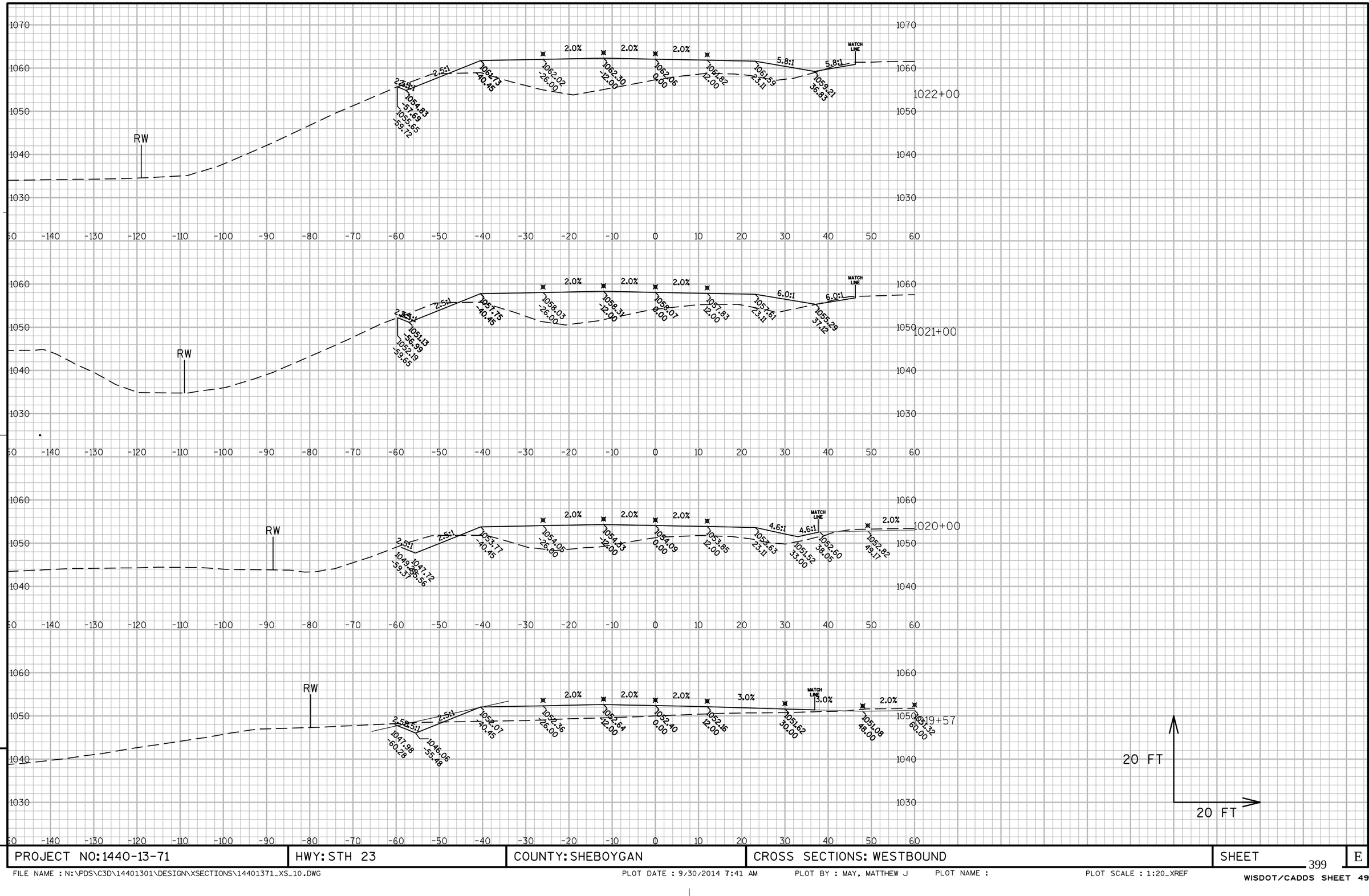
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WISDOT/CADDS SHEET 49

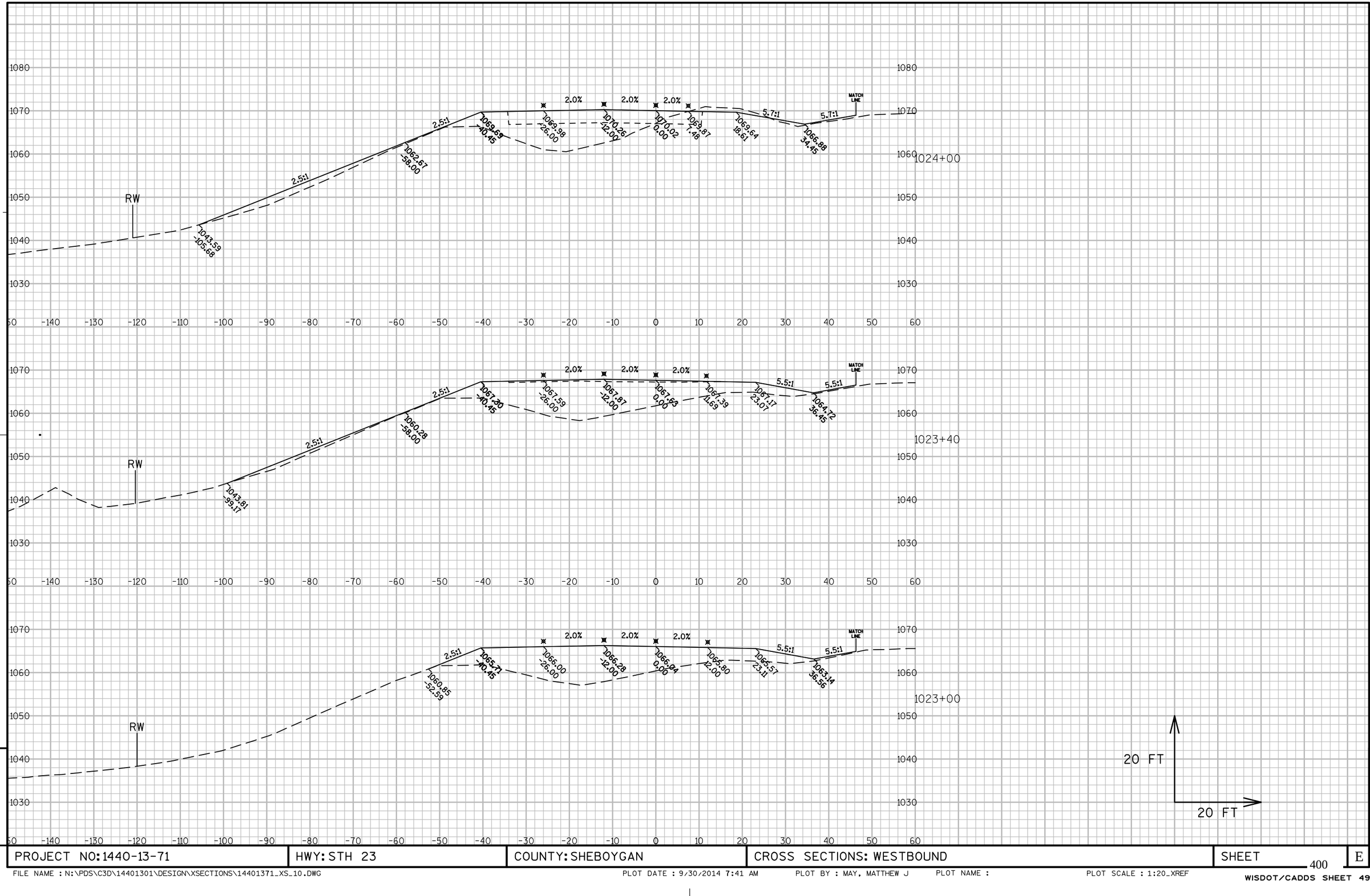


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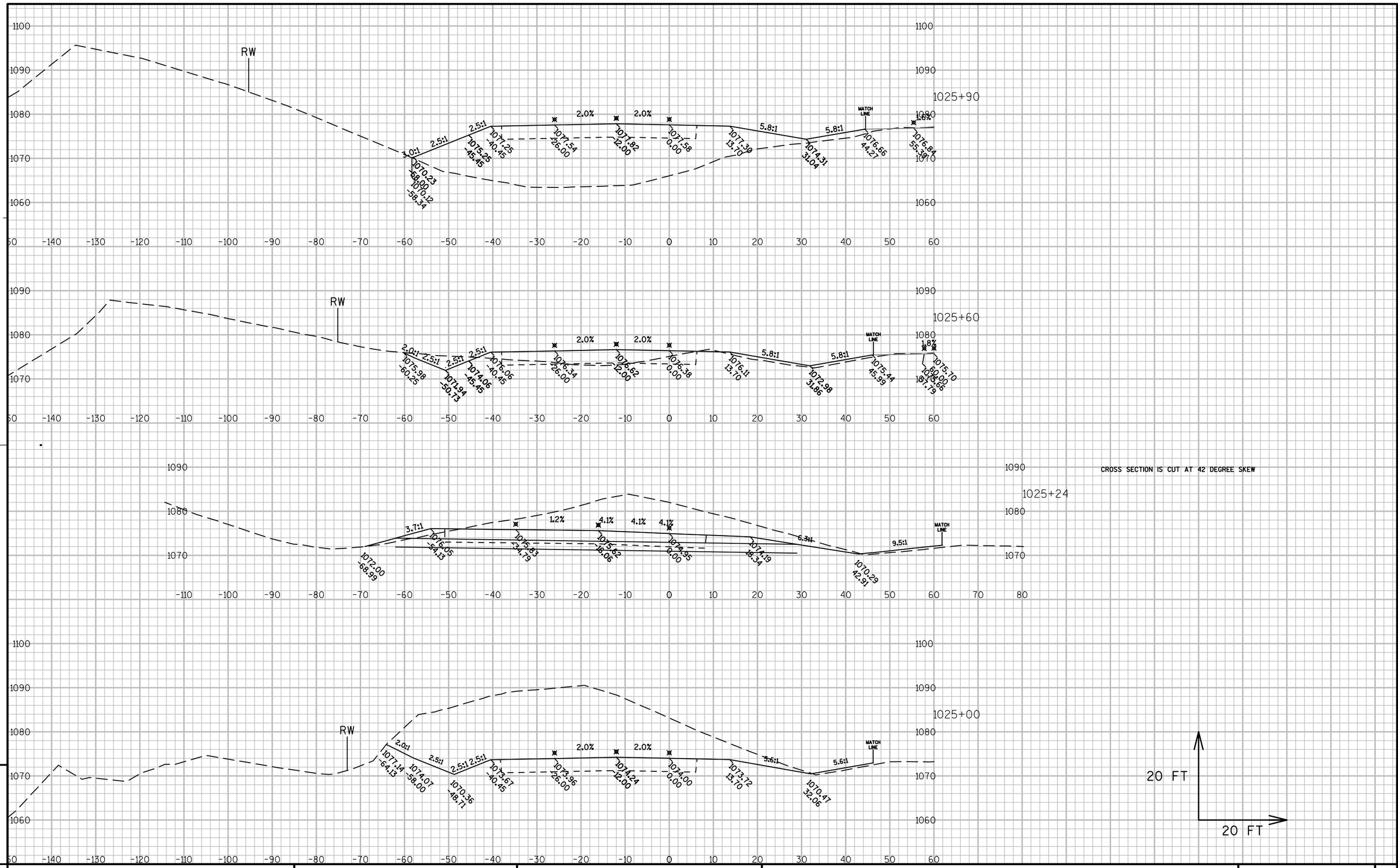
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E



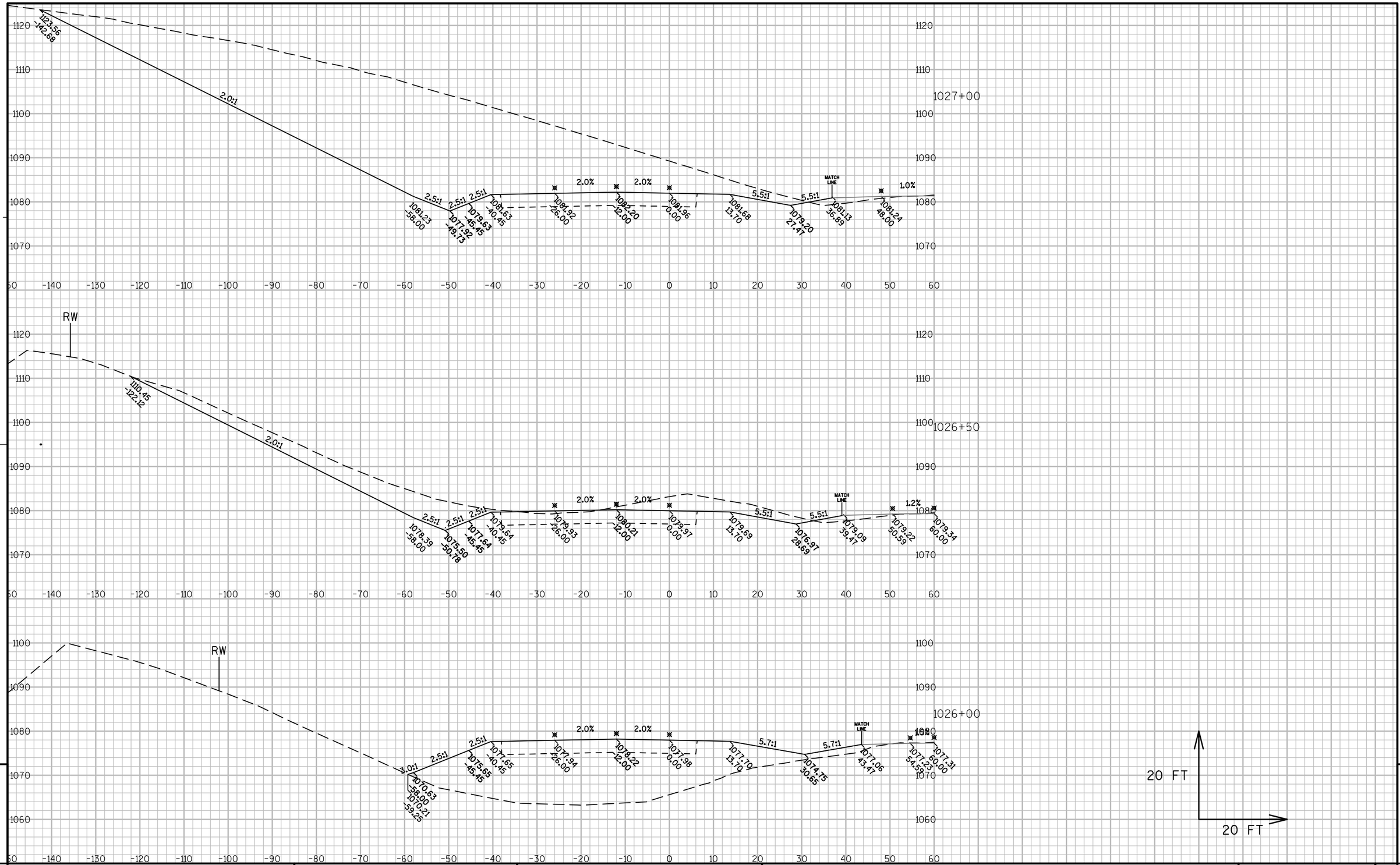
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

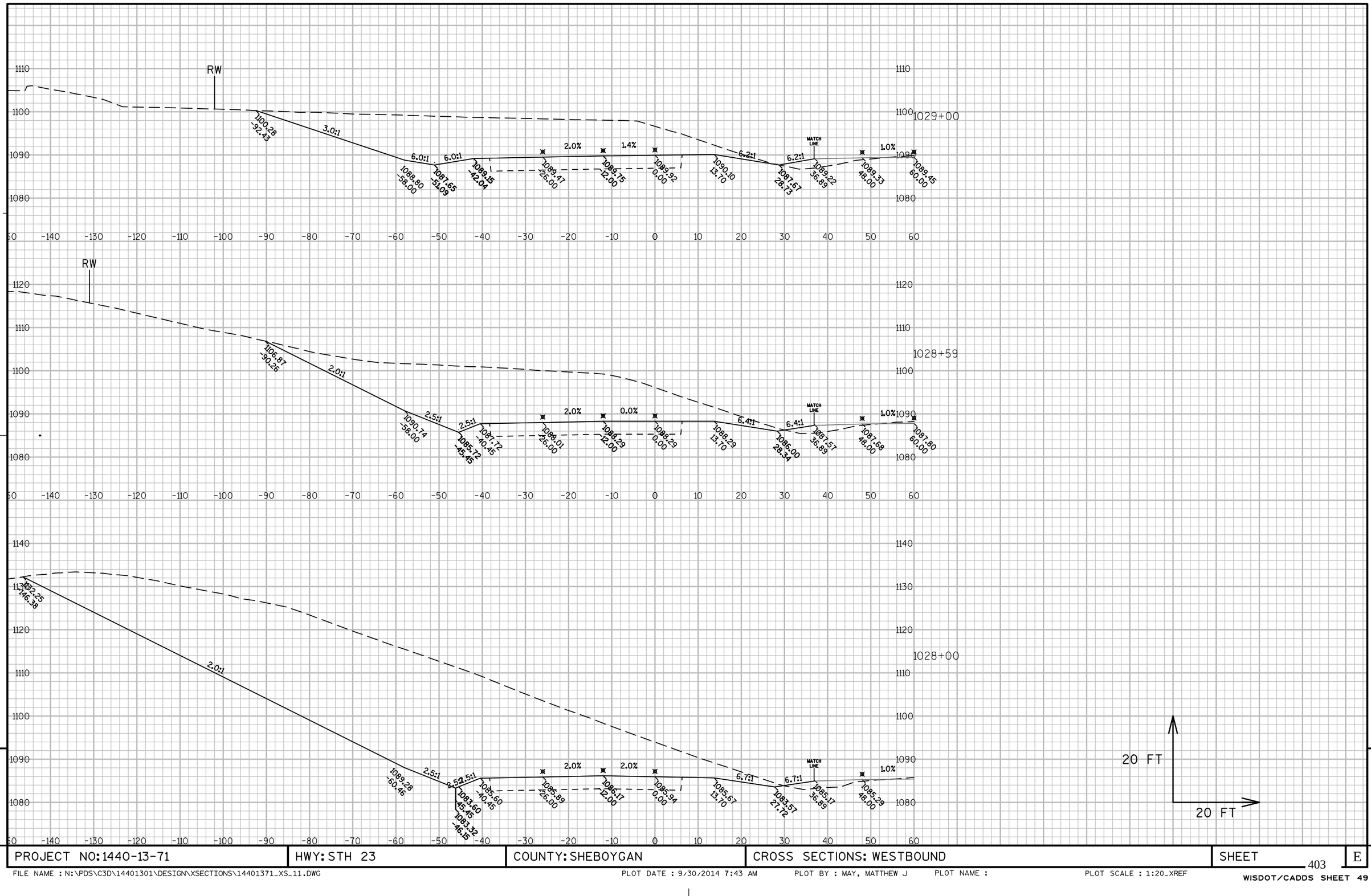
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

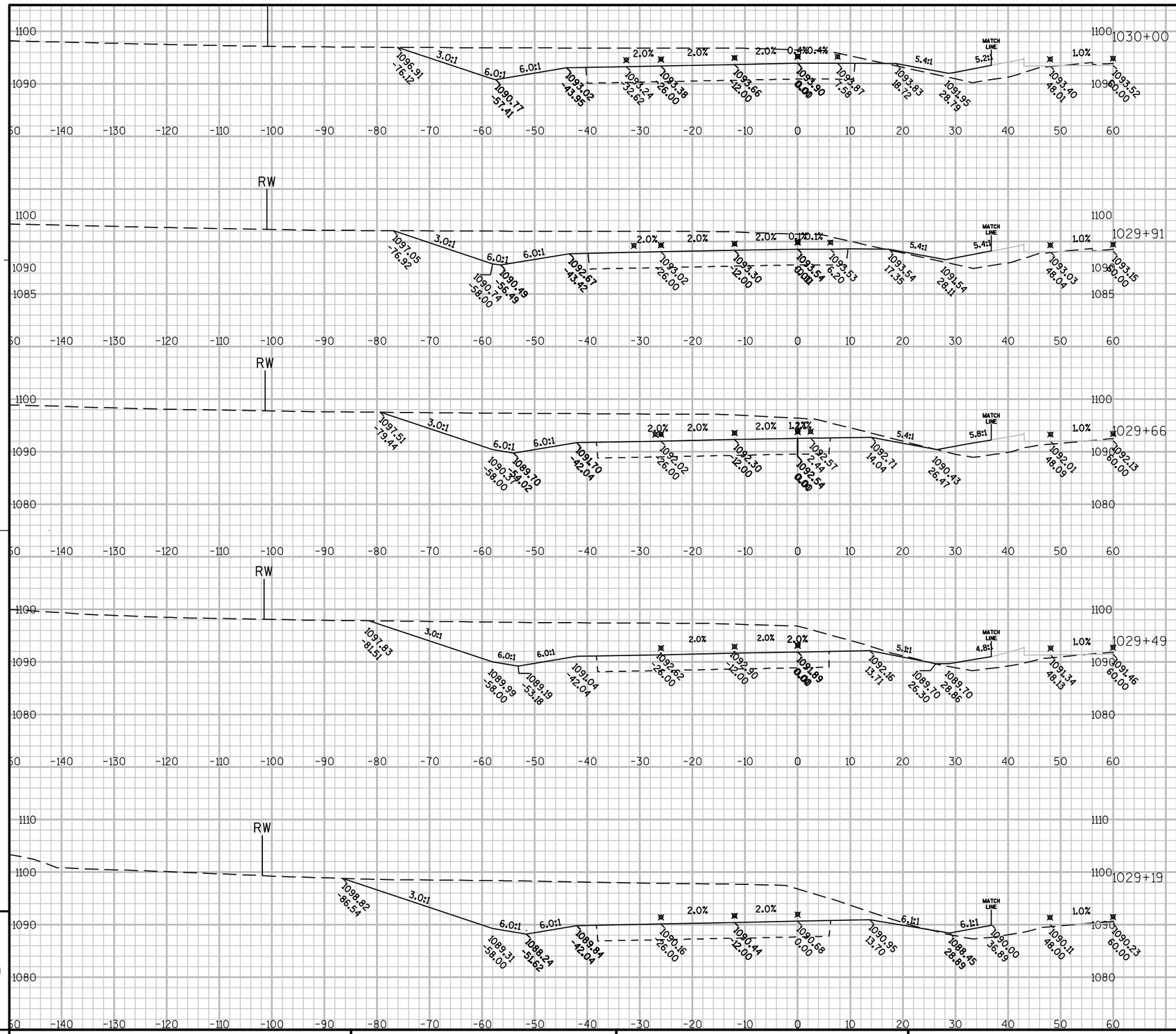
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_11.DWG PLOT DATE : 9/30/2014 7:43 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

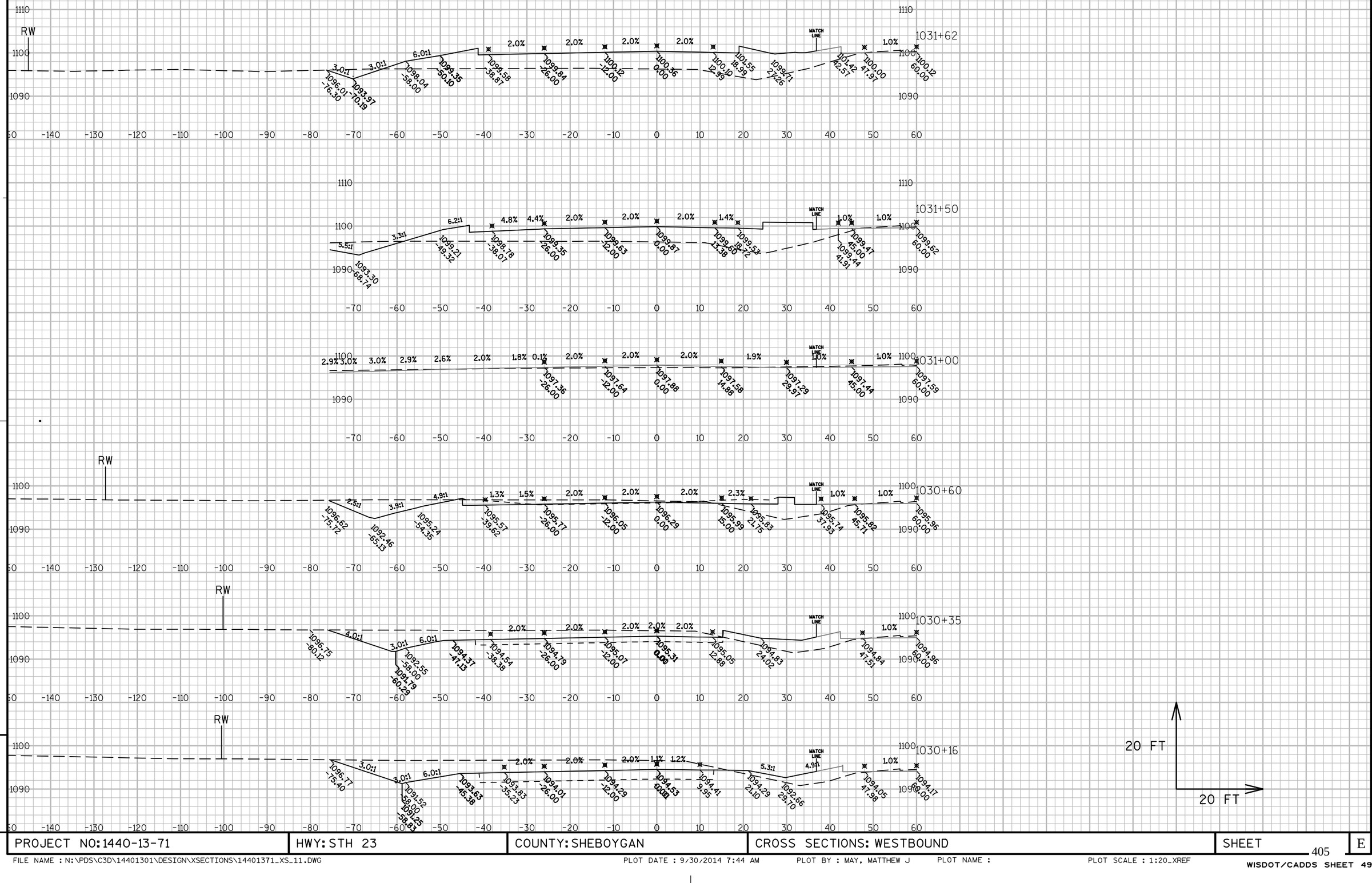
WISDOT/CADDS SHEET 49



PROJECT NO:1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 404 E

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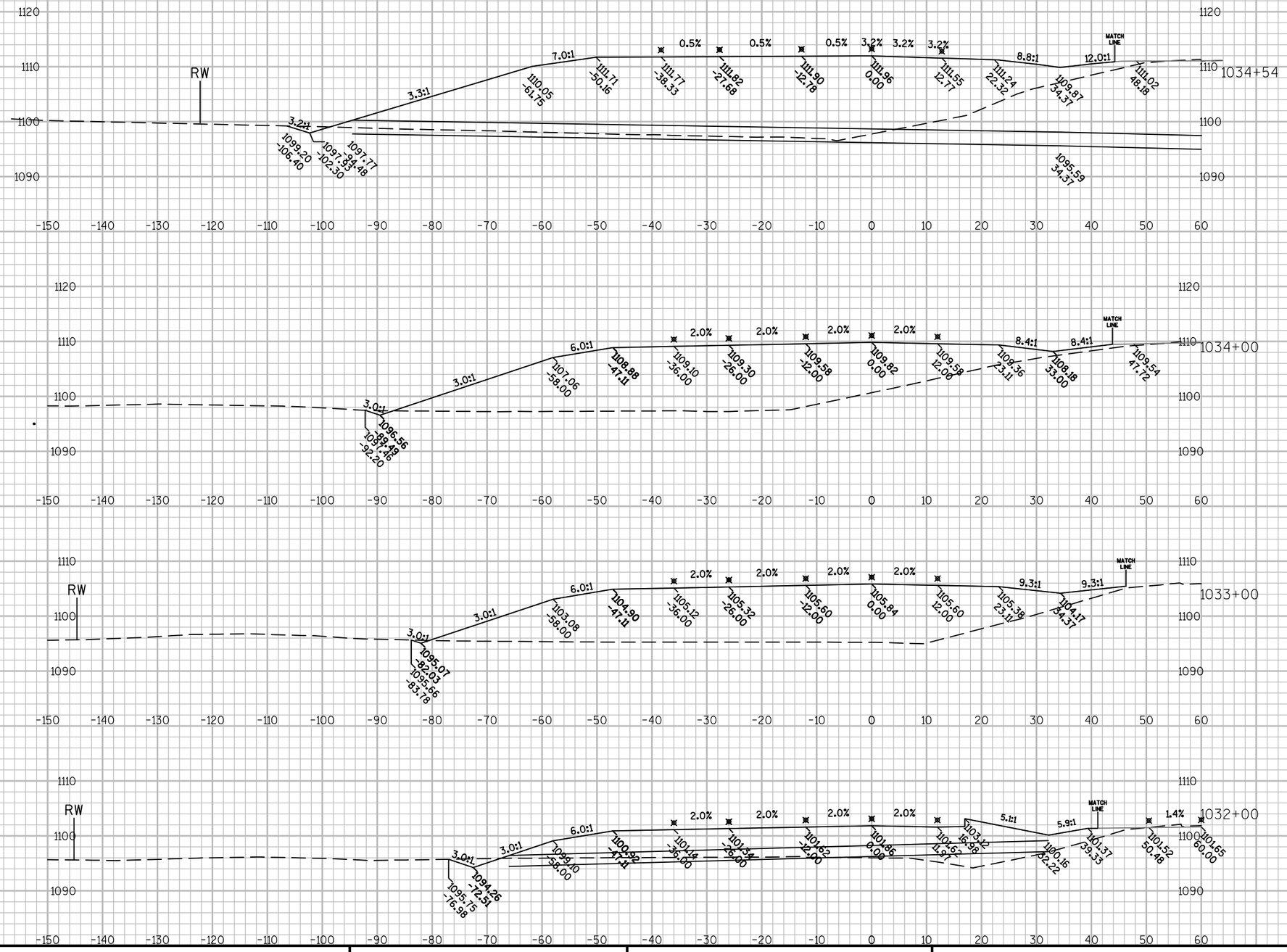
WISDOT/CADDS SHEET 49



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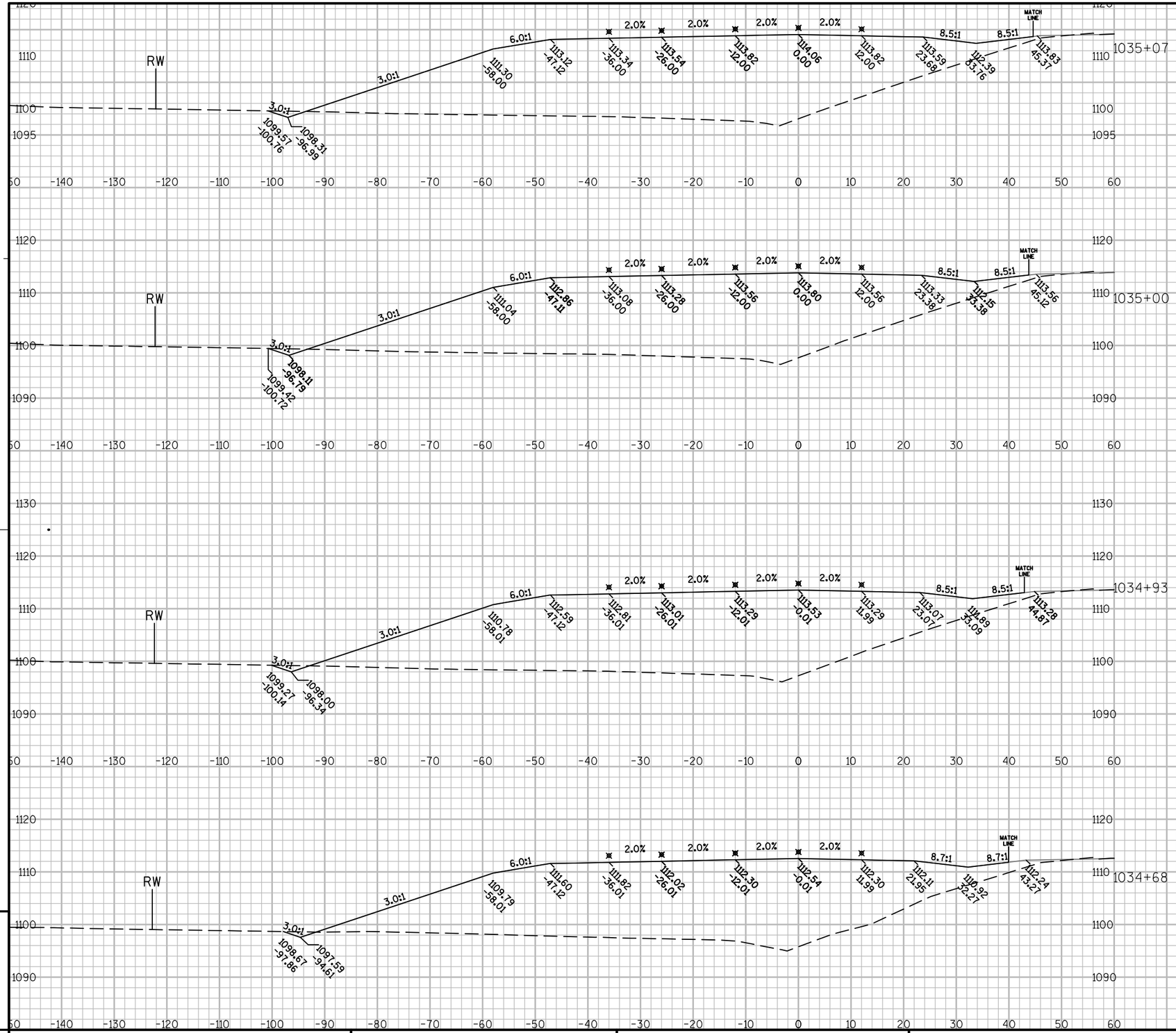
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CROSS SECTION CUT AT 20 DEGREE SKEW



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

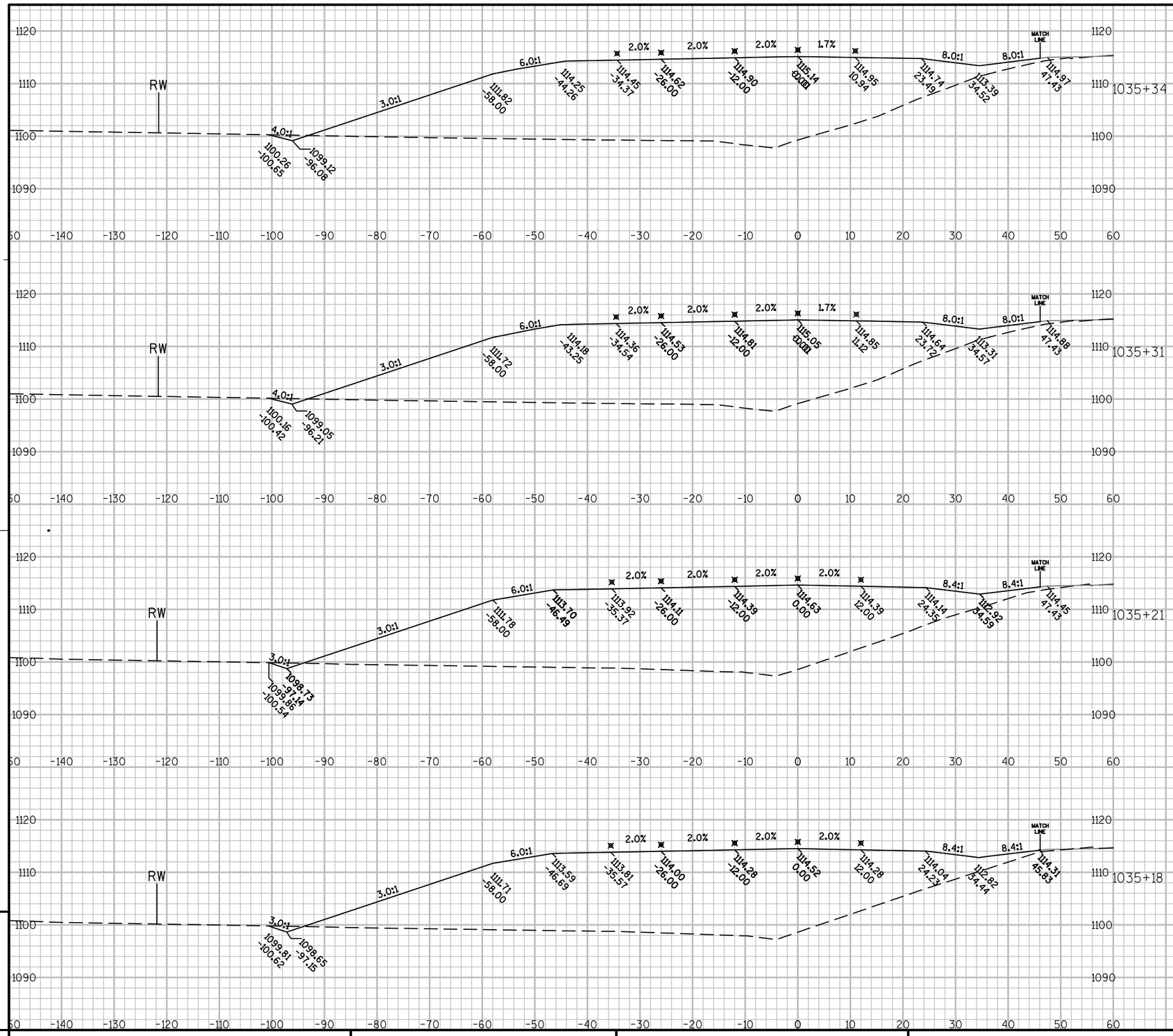
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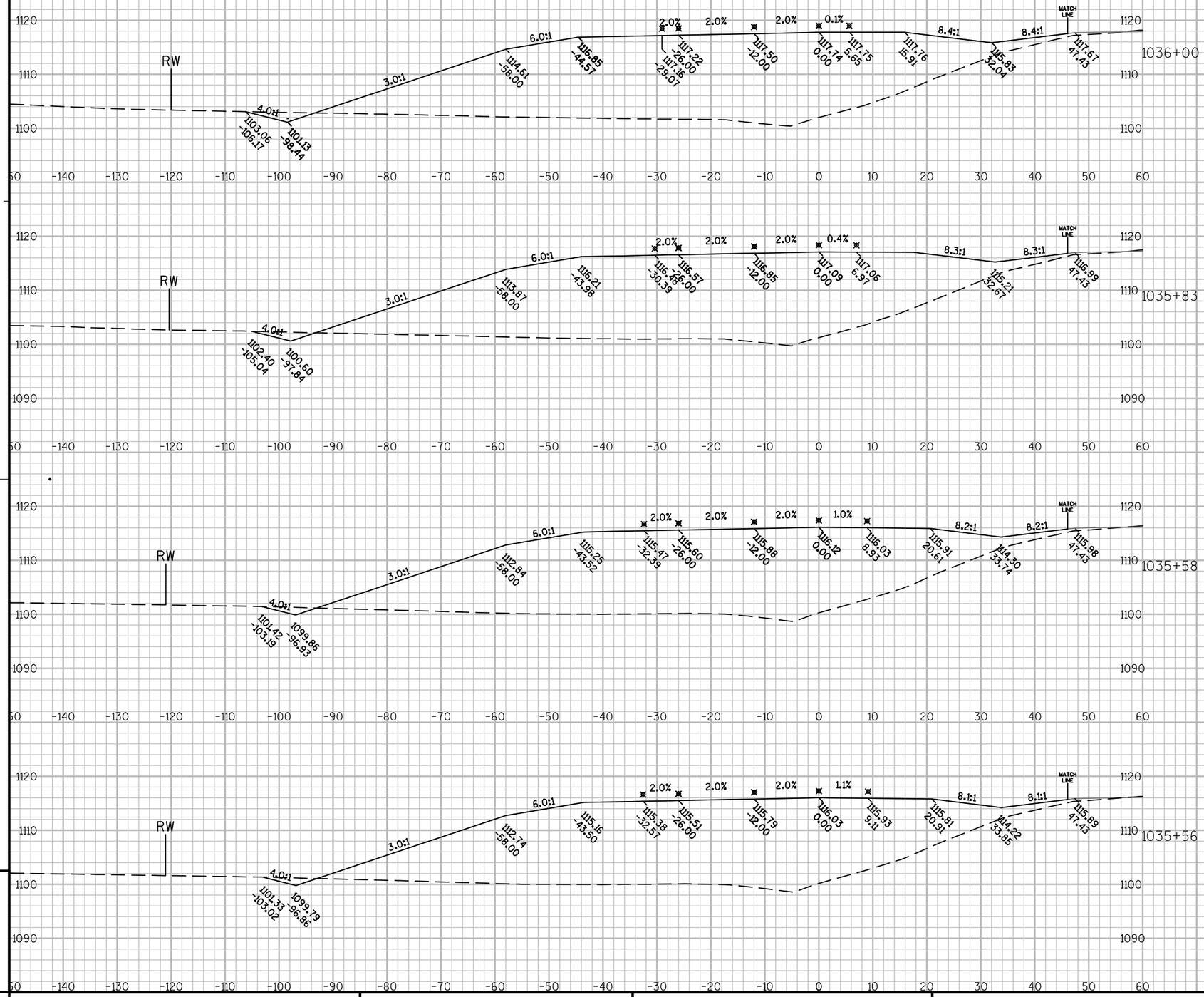
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 407	E



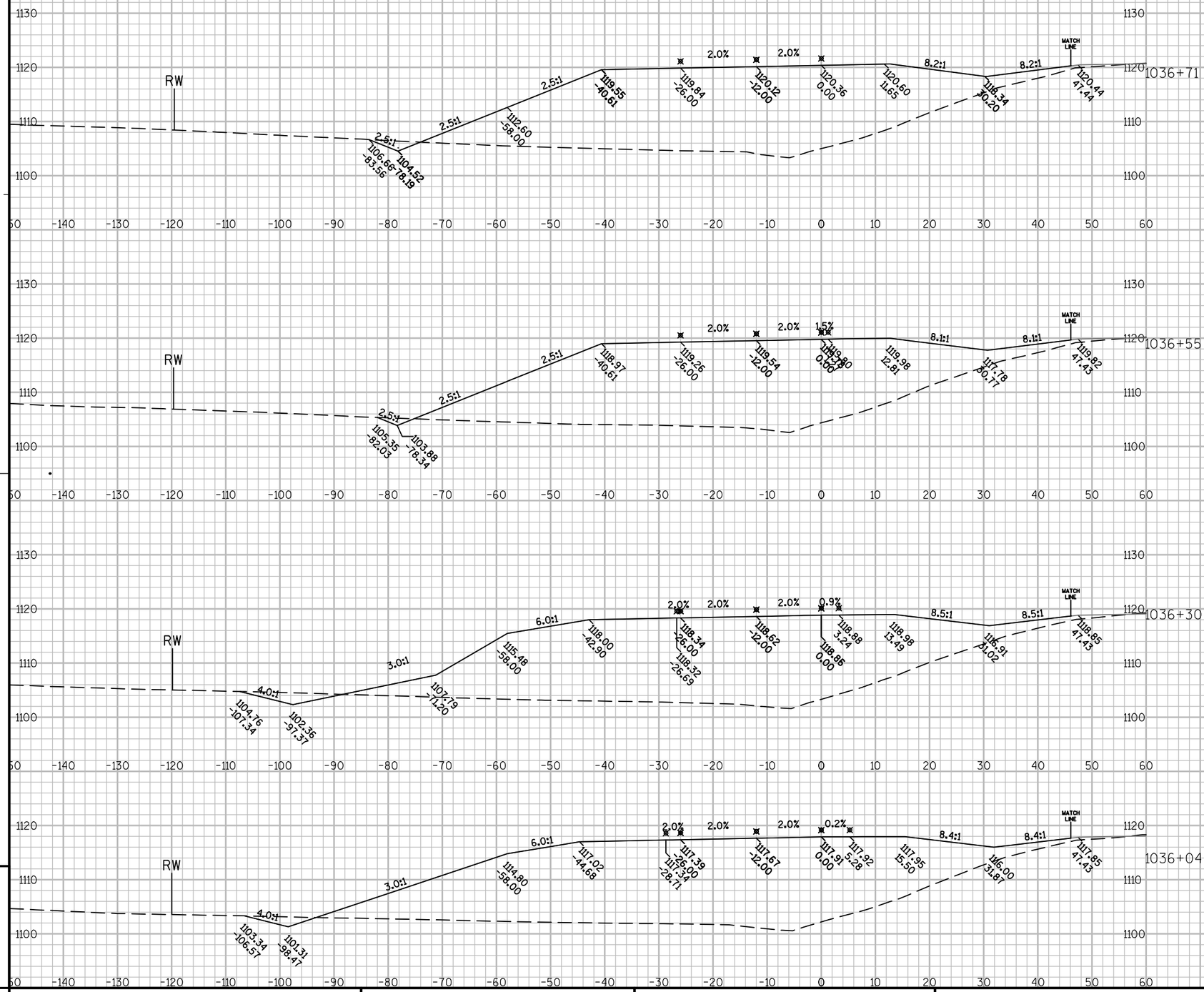
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_11.DWG PLOT DATE : 9/30/2014 7:45 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



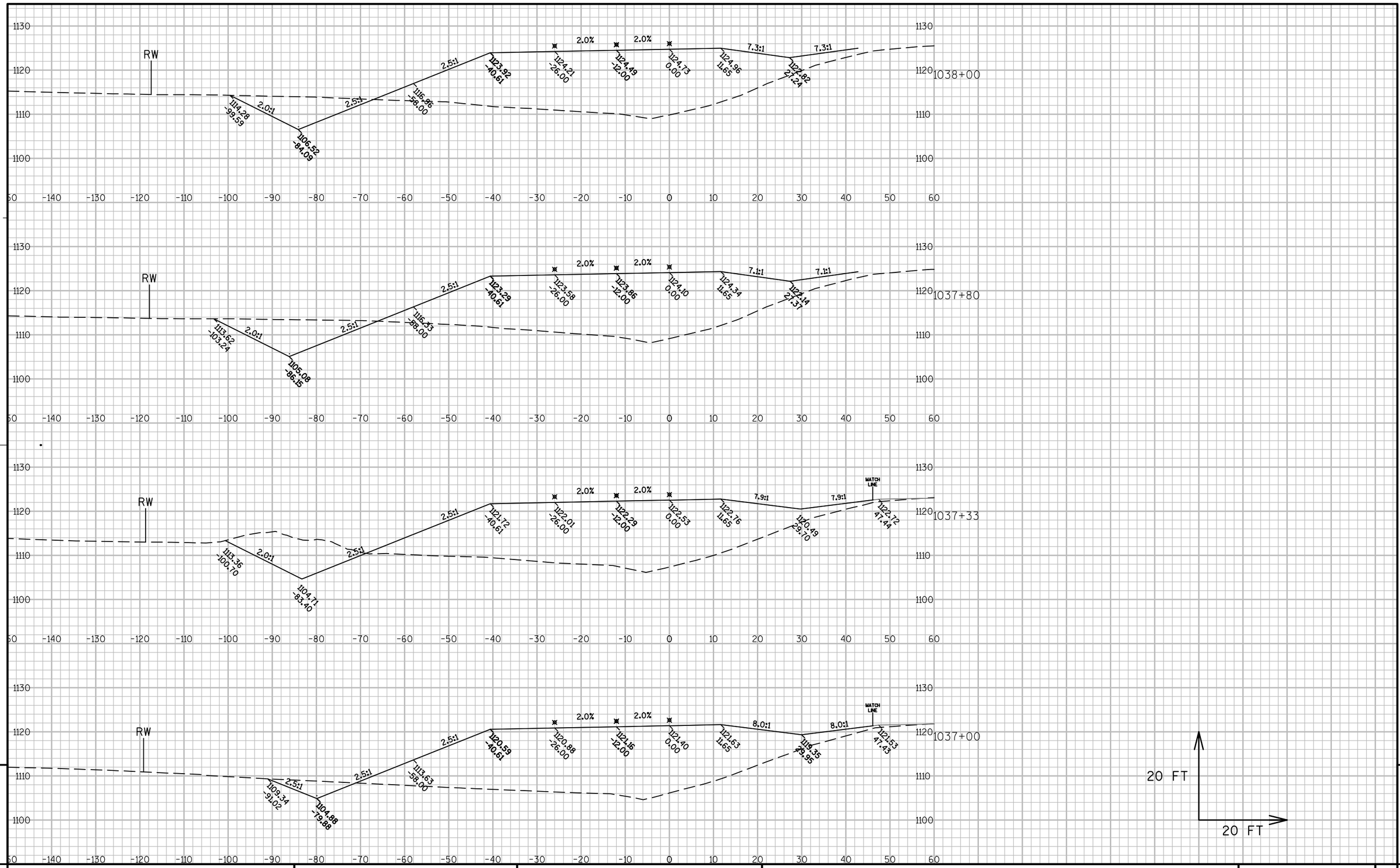
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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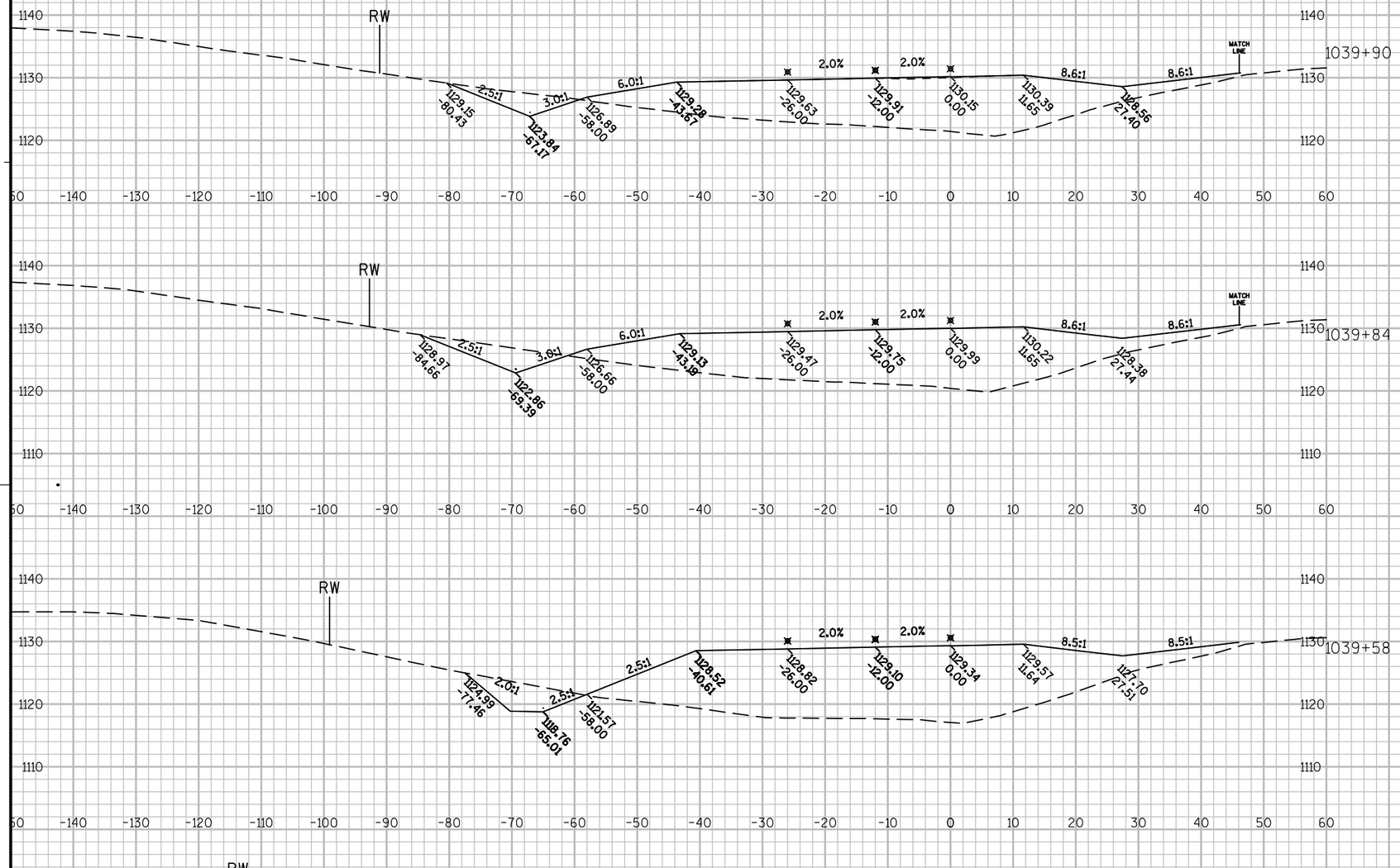
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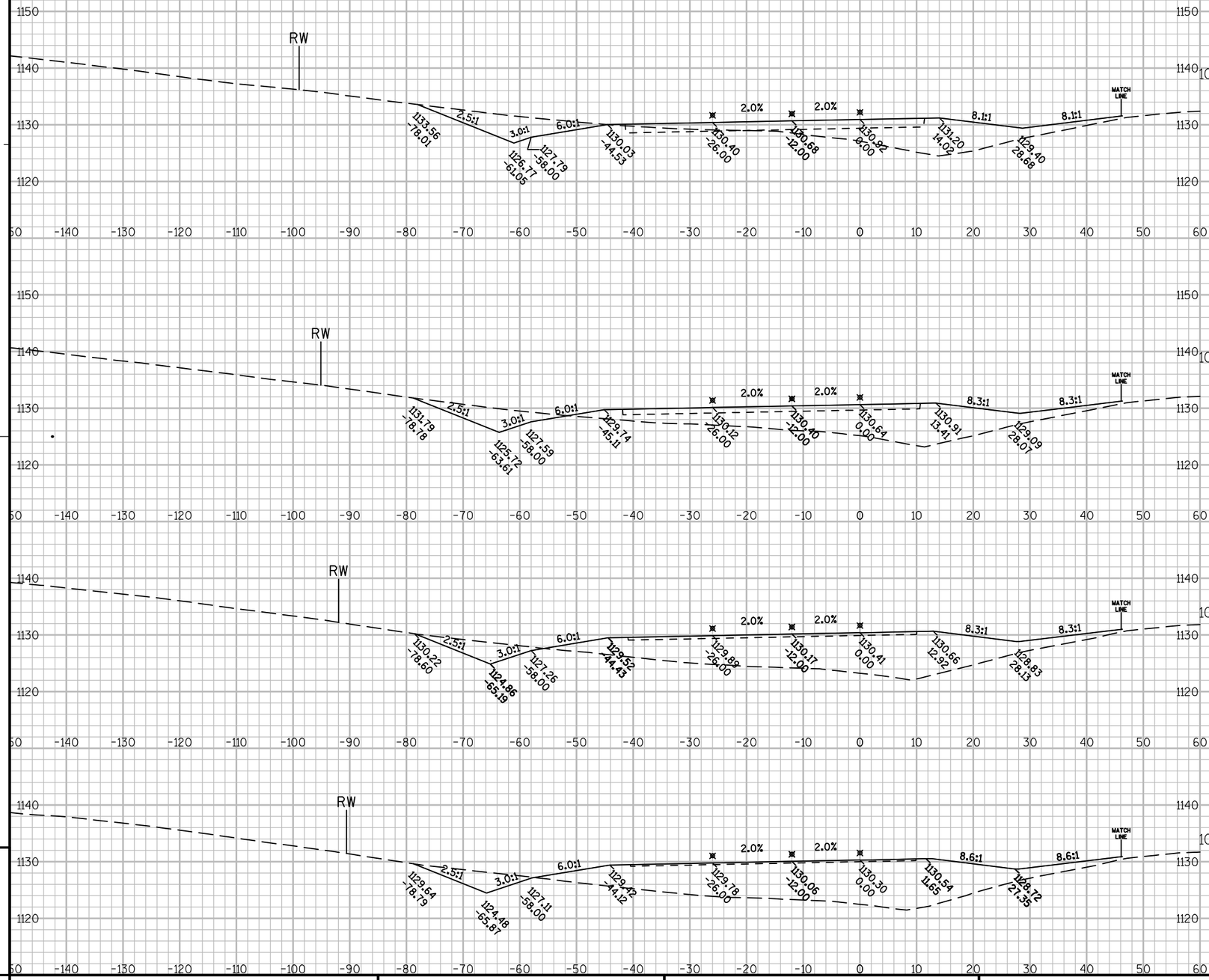


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_11.DWG PLOT DATE : 9/30/2014 7:46 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E



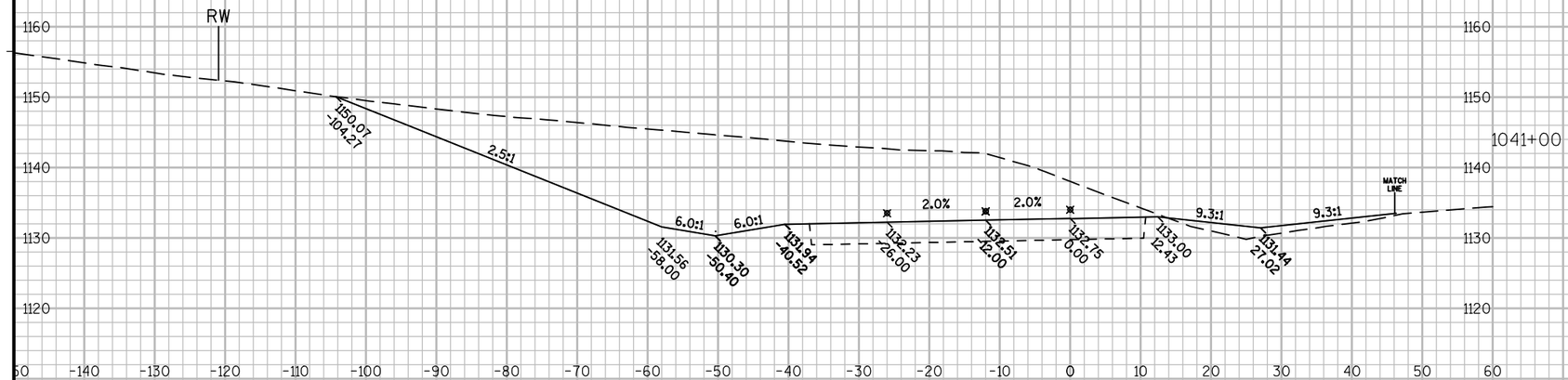
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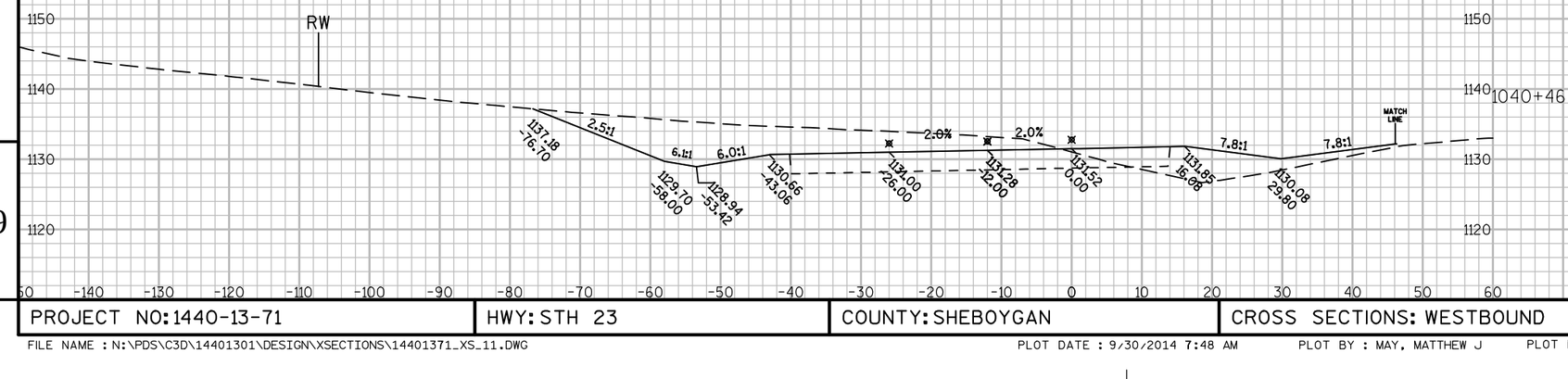
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

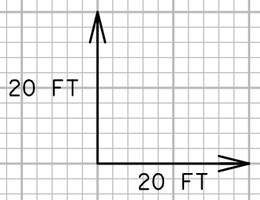
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WISDOT/CADDS SHEET 49



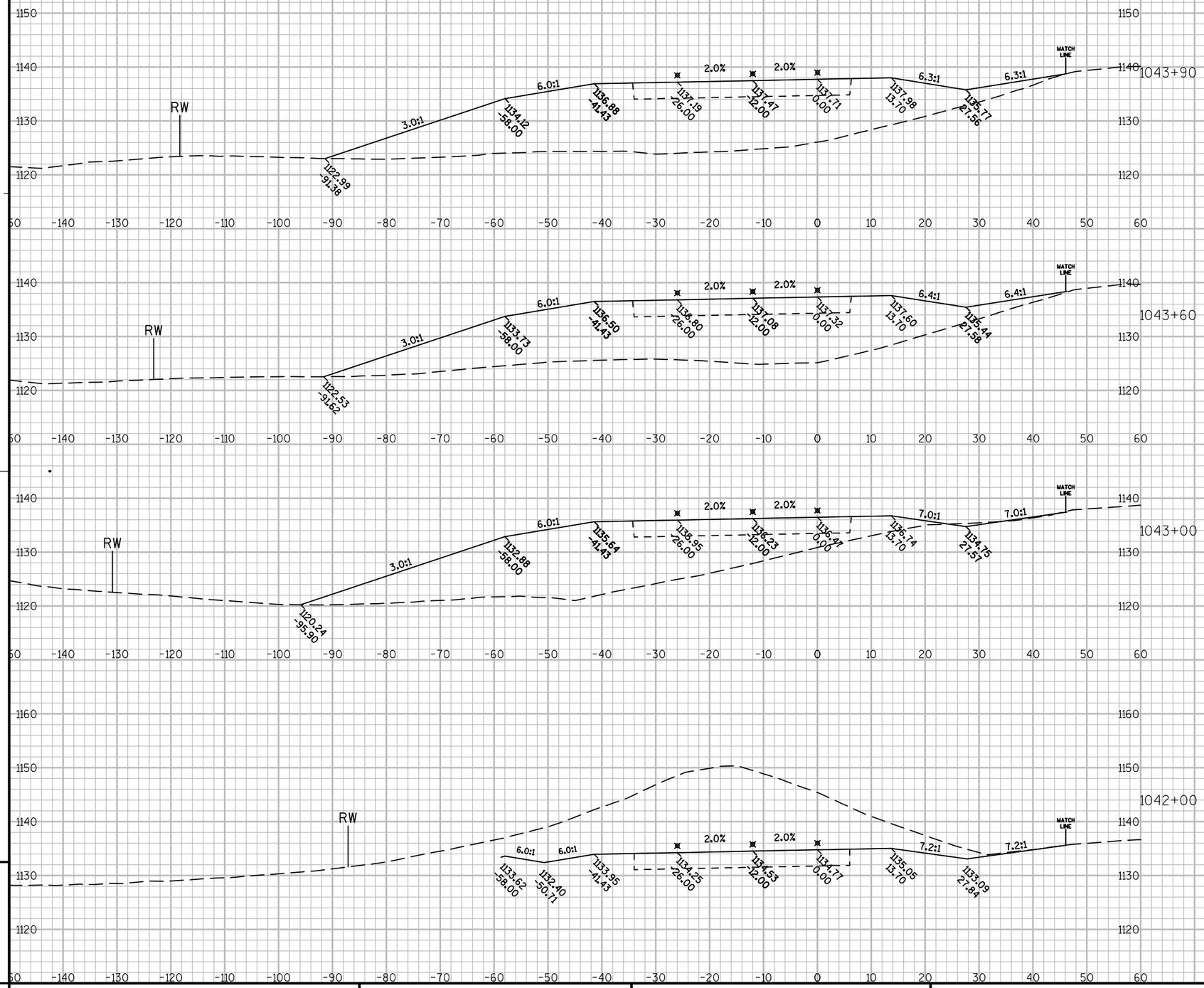




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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

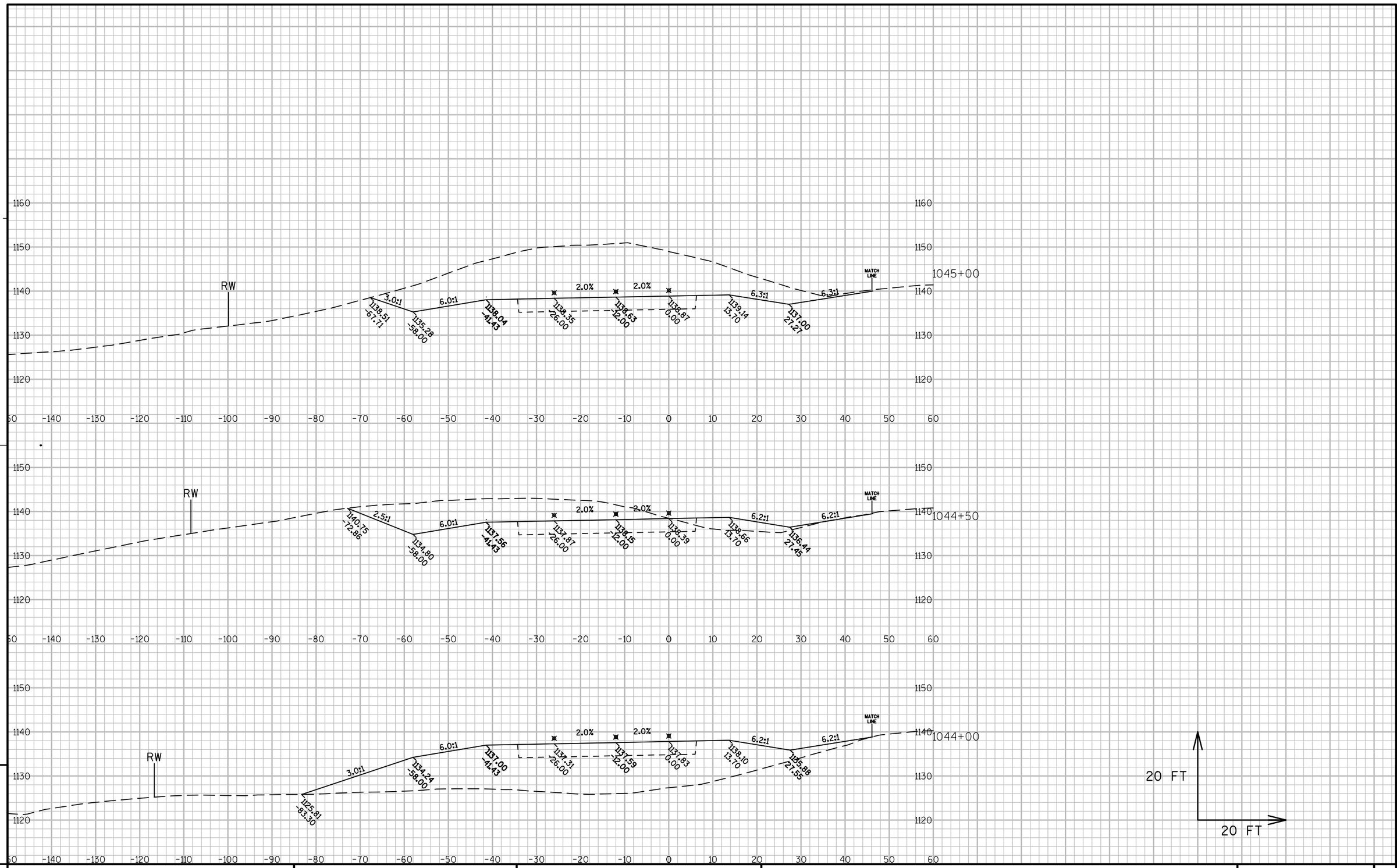
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_11.DWG PLOT DATE : 9/30/2014 7:48 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

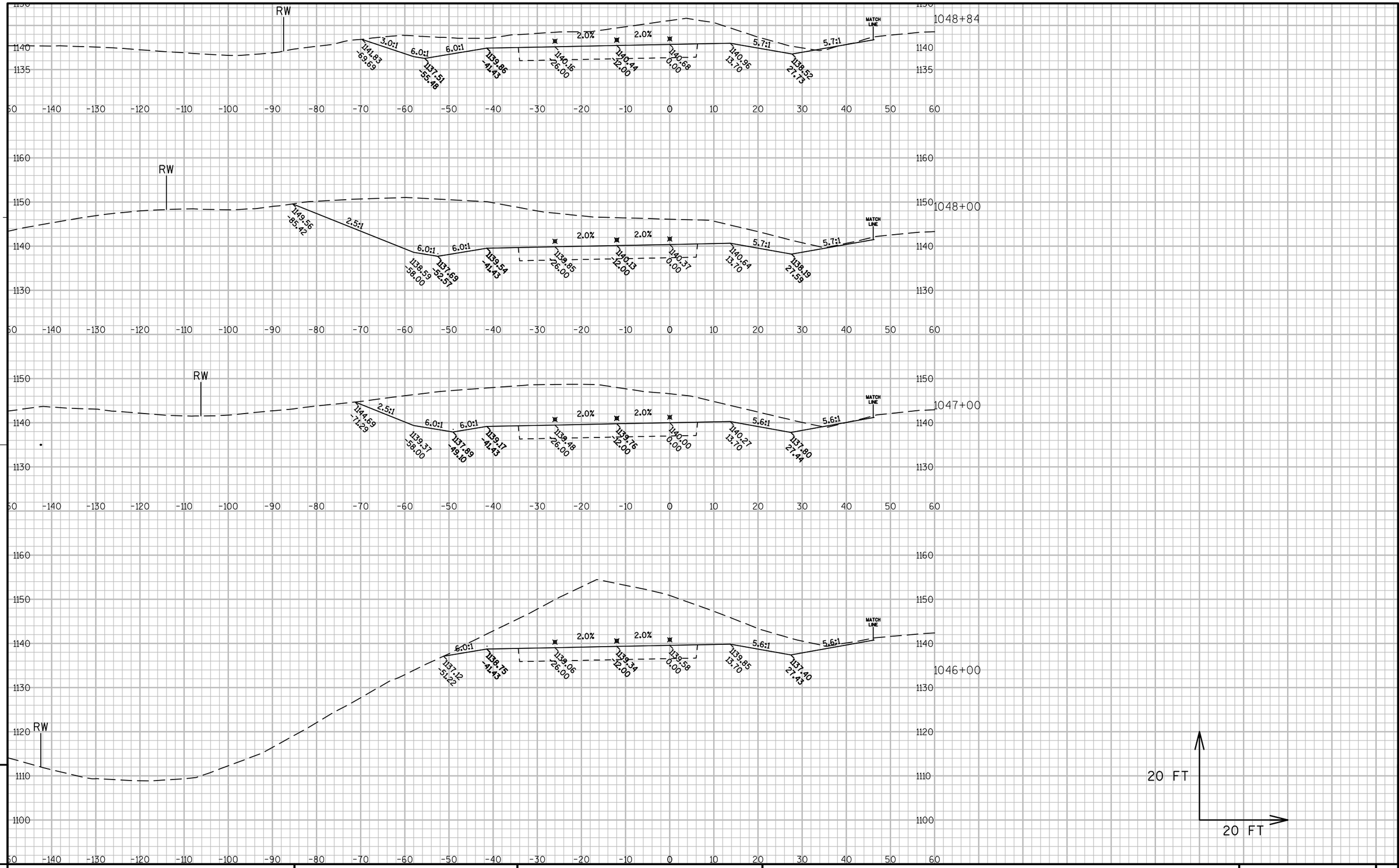


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

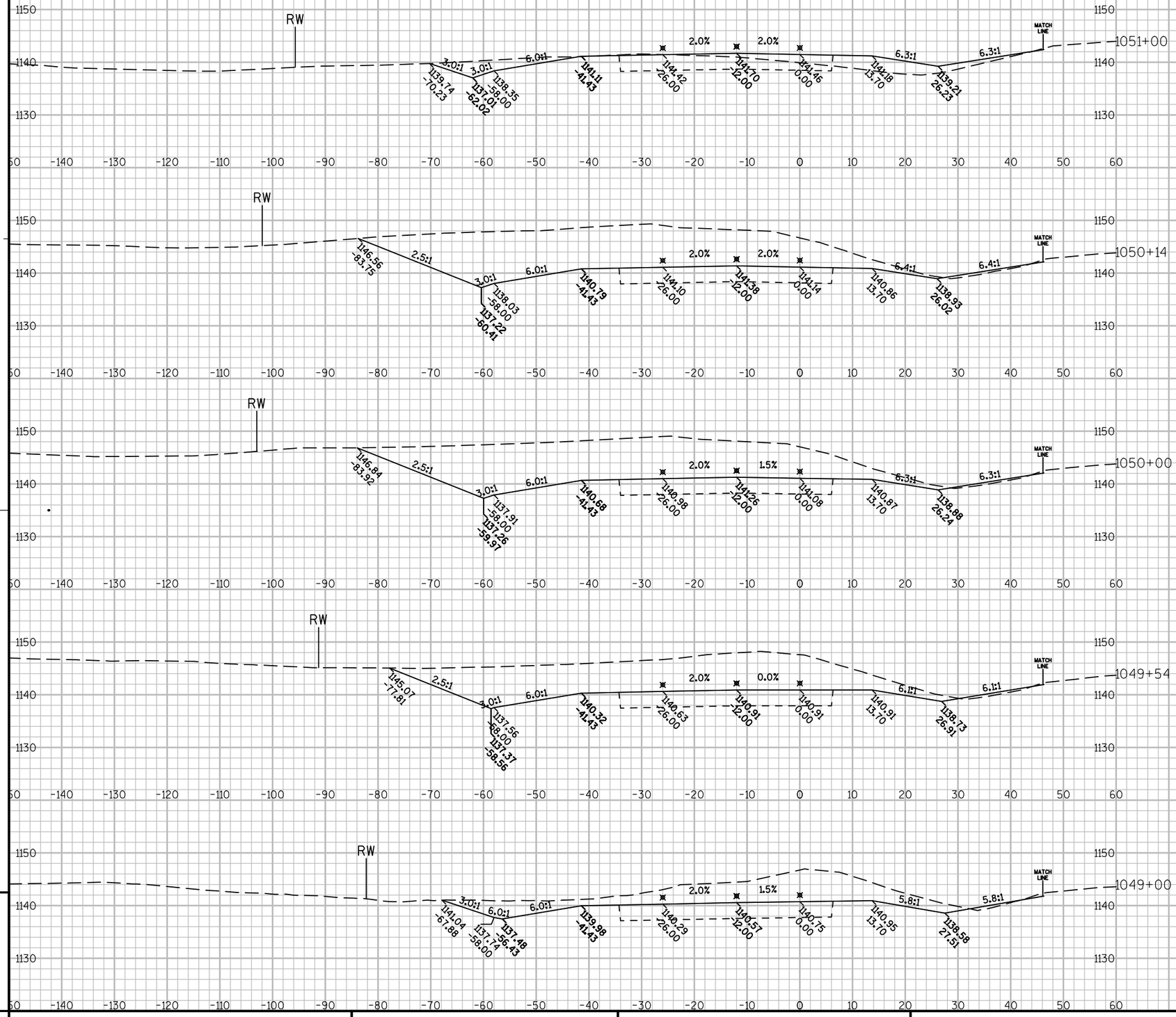
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

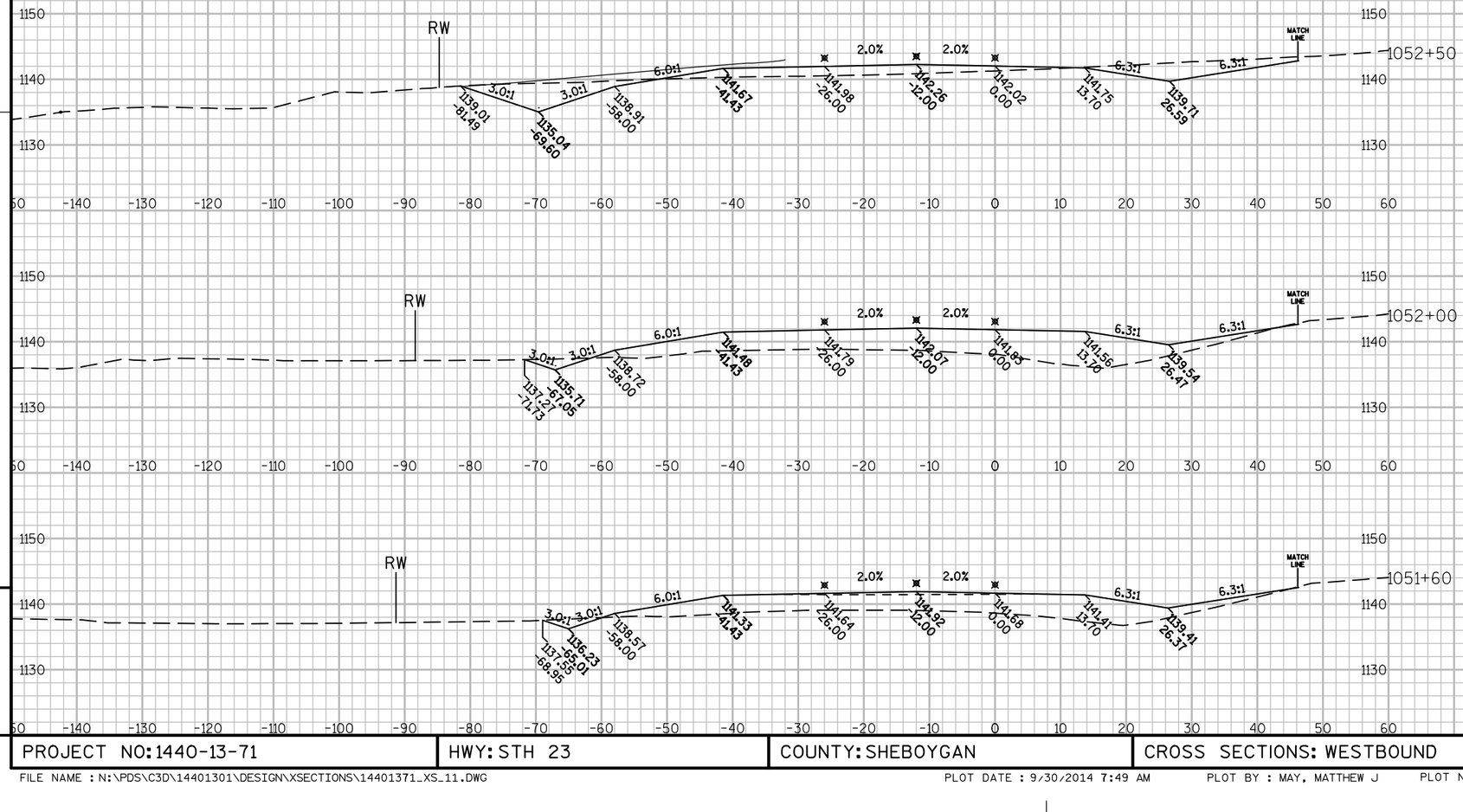
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_11.DWG PLOT DATE : 9/30/2014 7:49 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

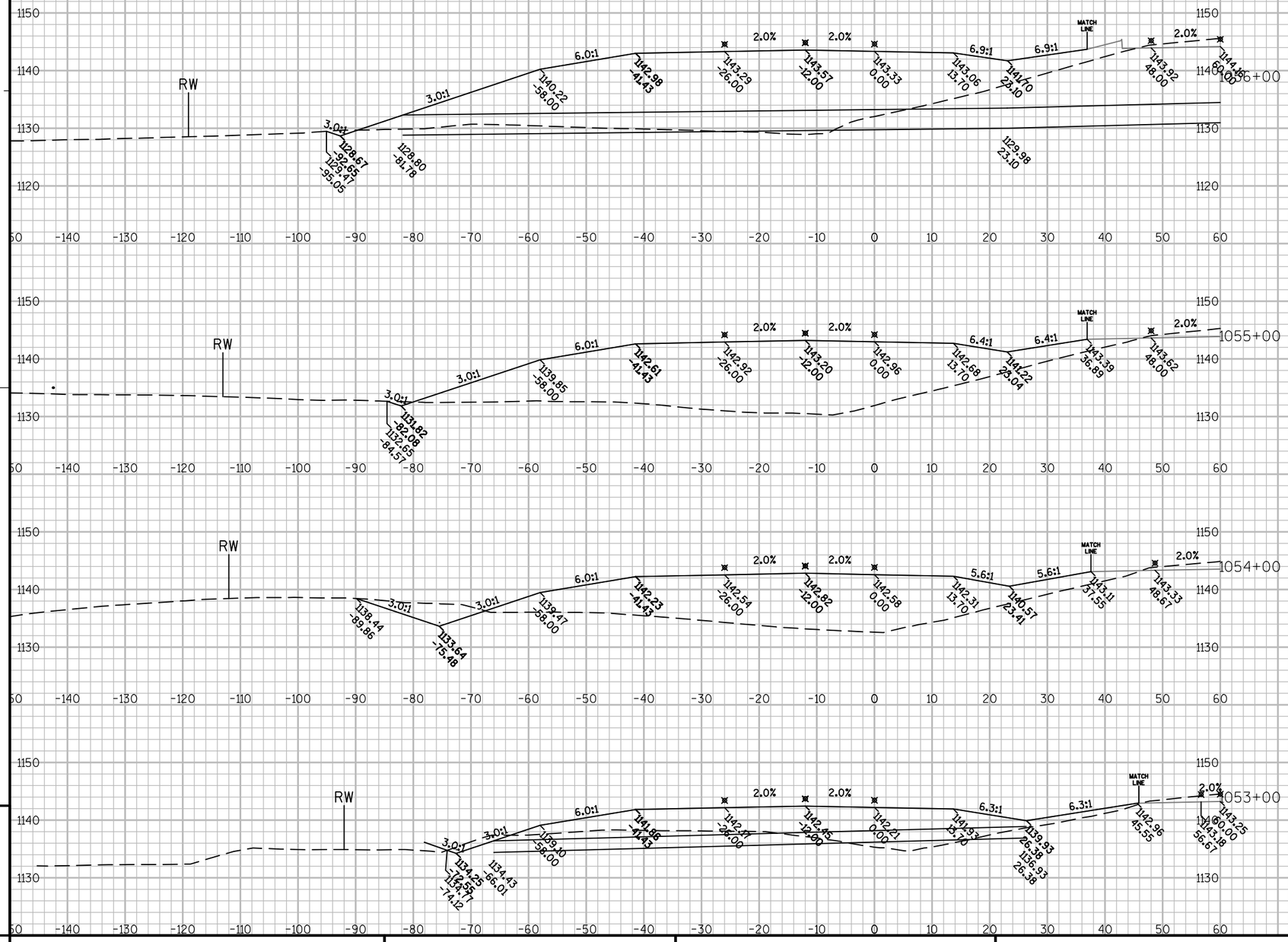


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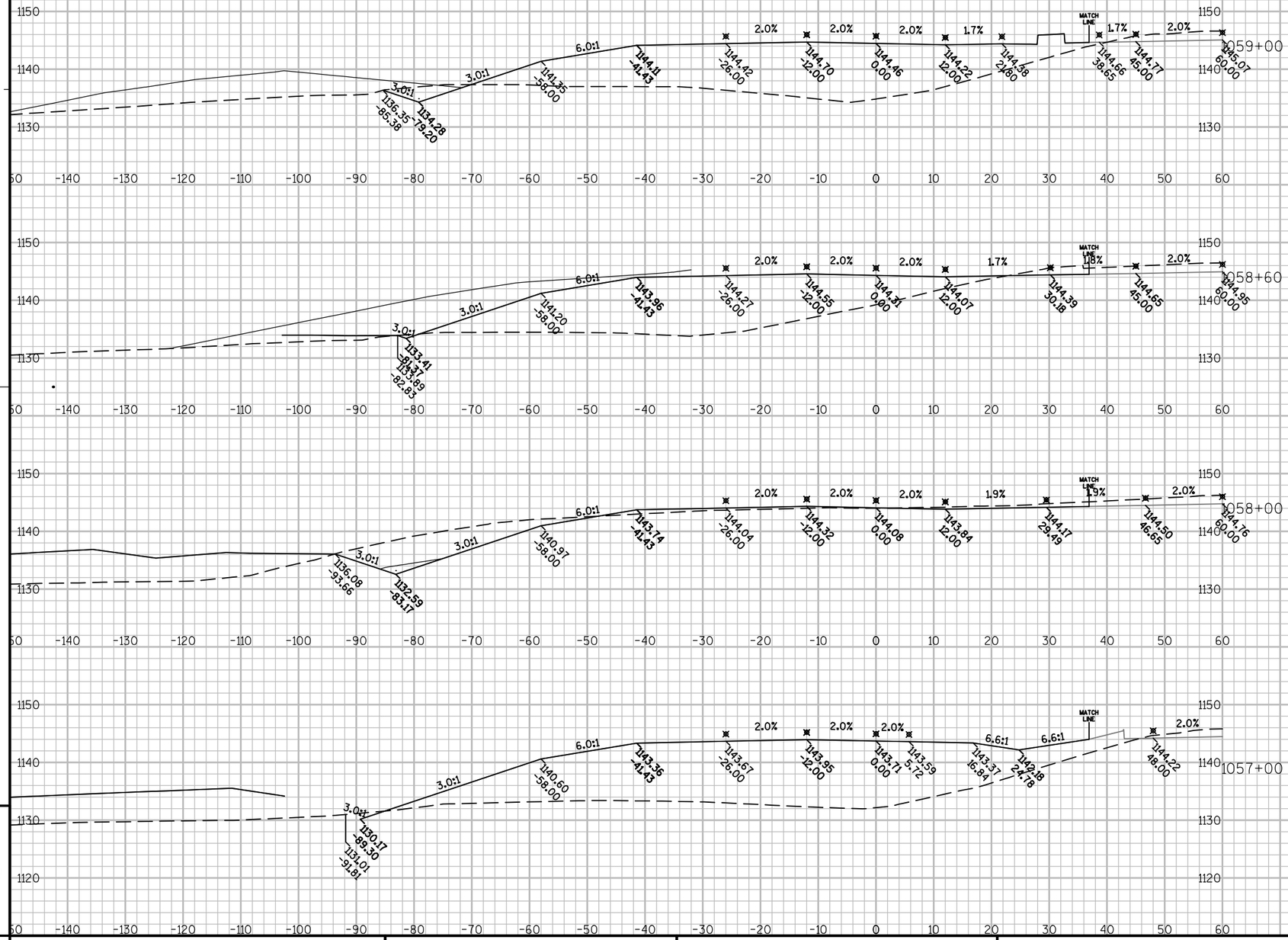
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_11.DWG PLOT DATE : 9/30/2014 7:49 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



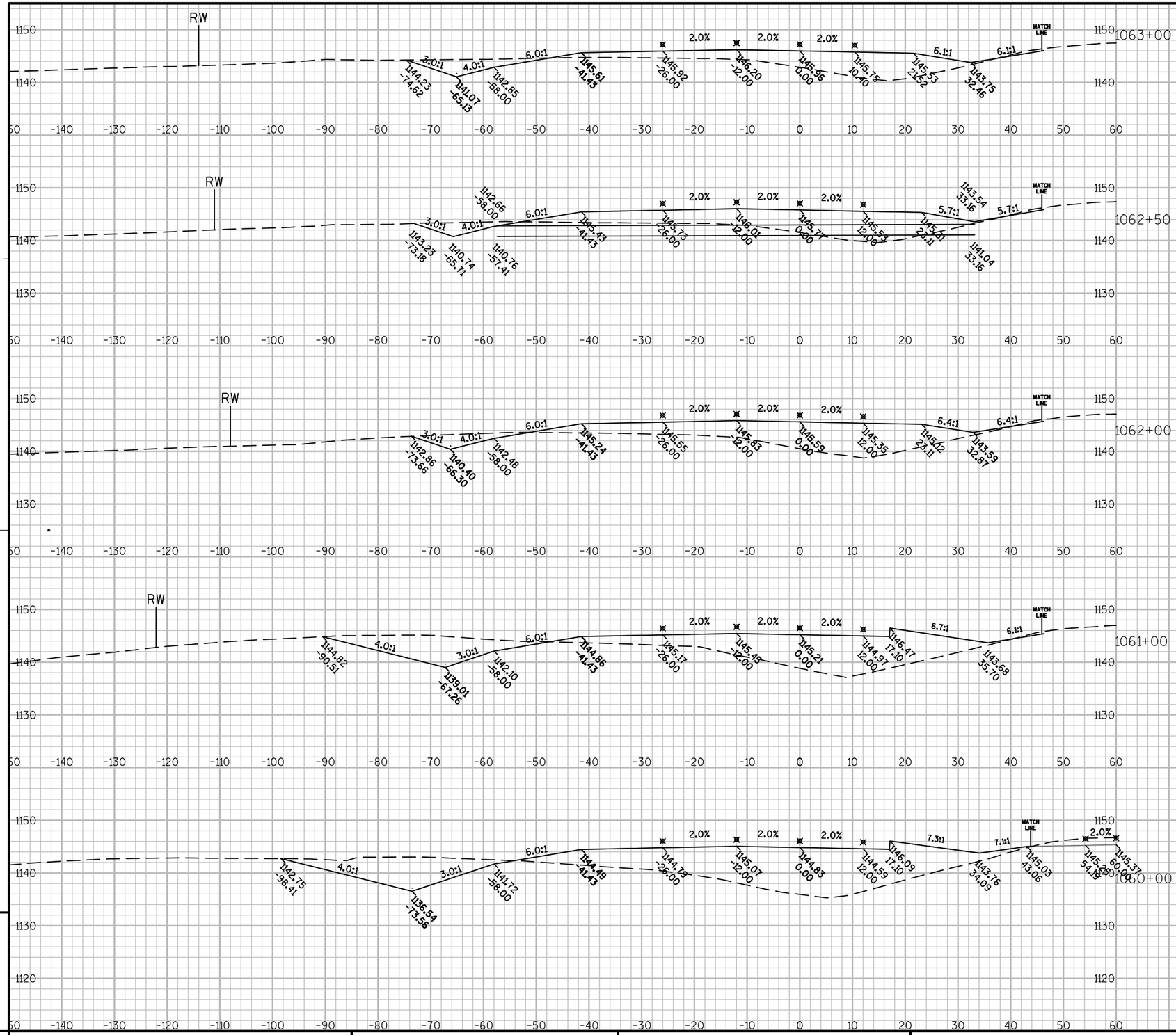
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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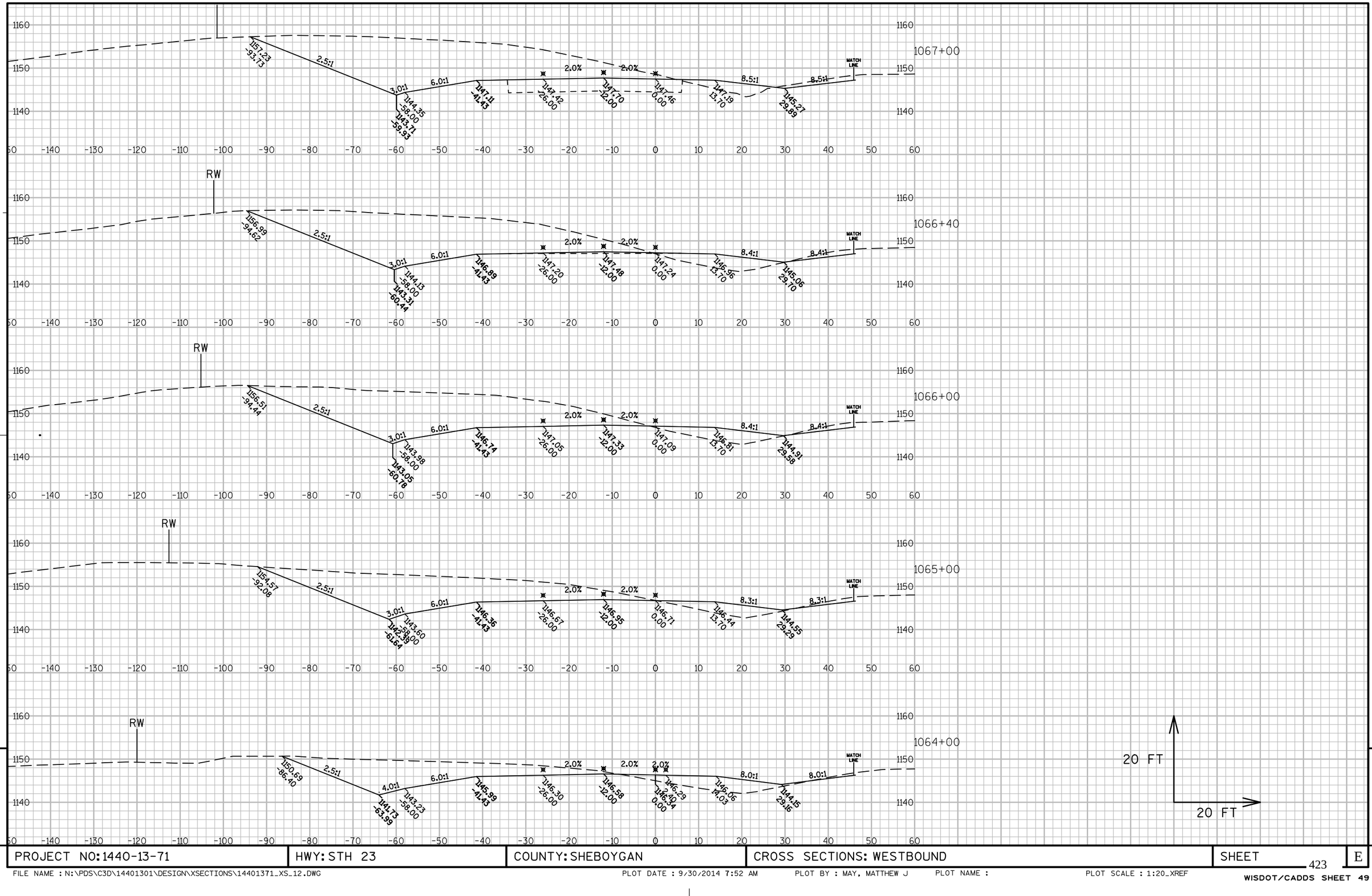


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

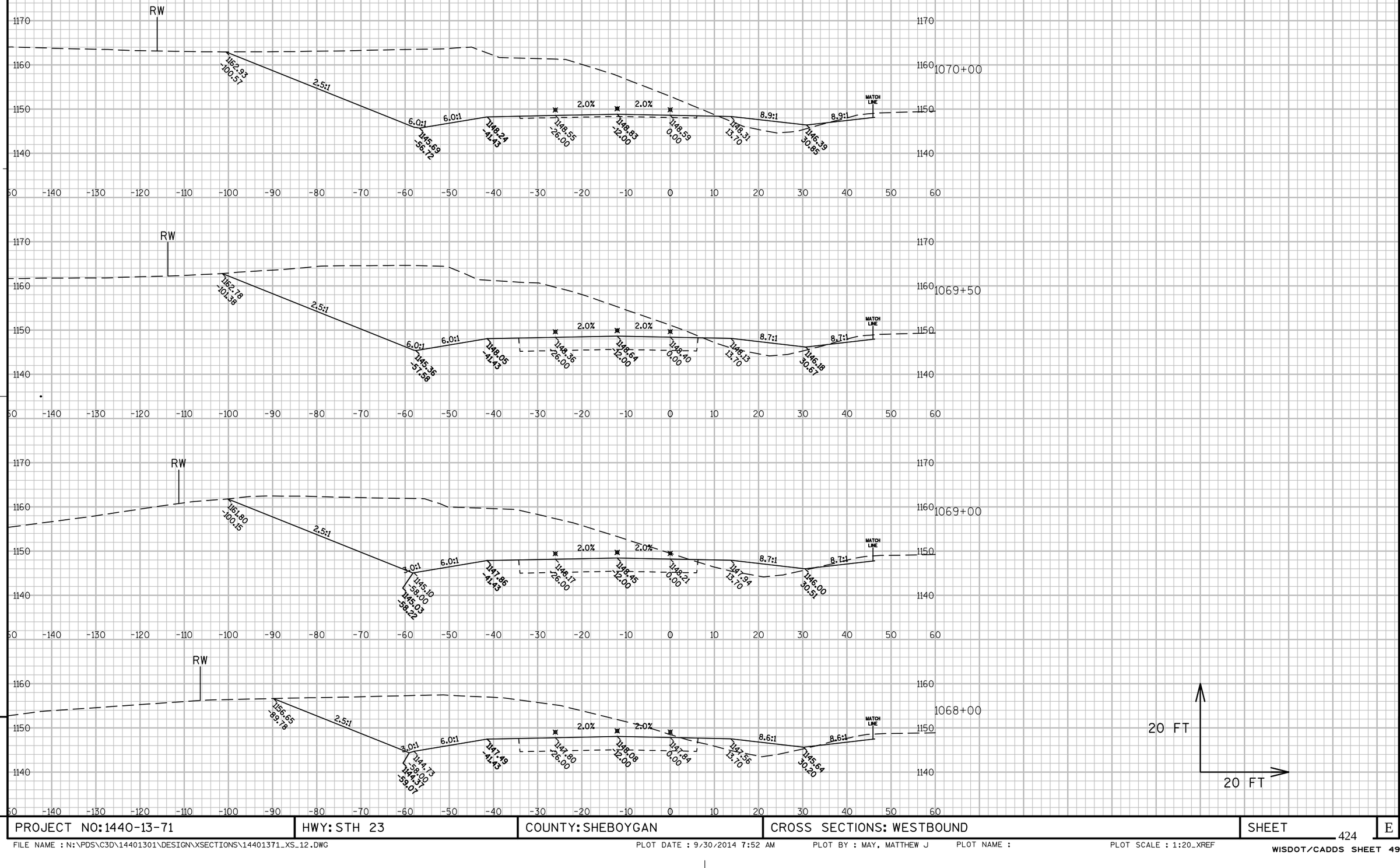
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

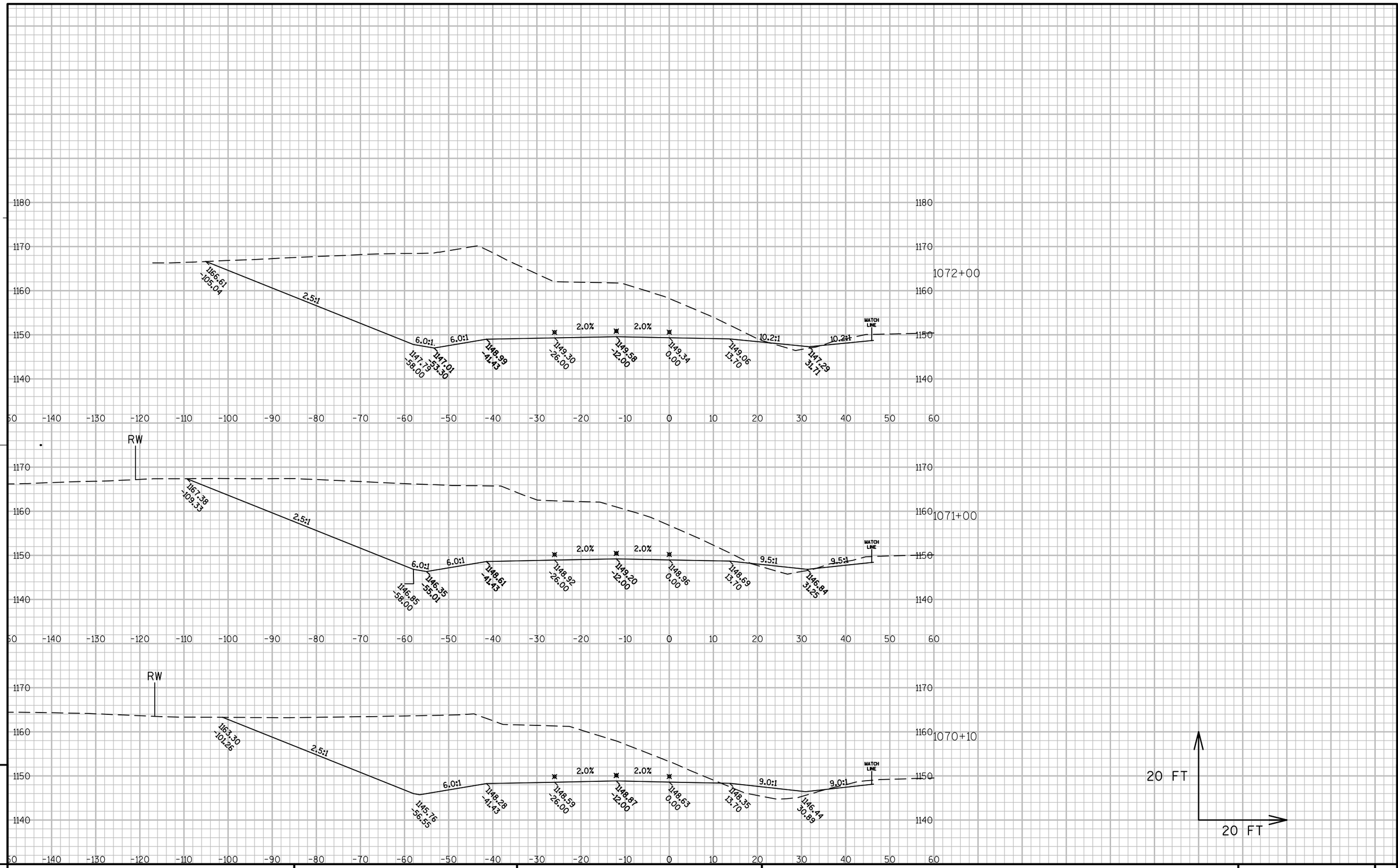


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E



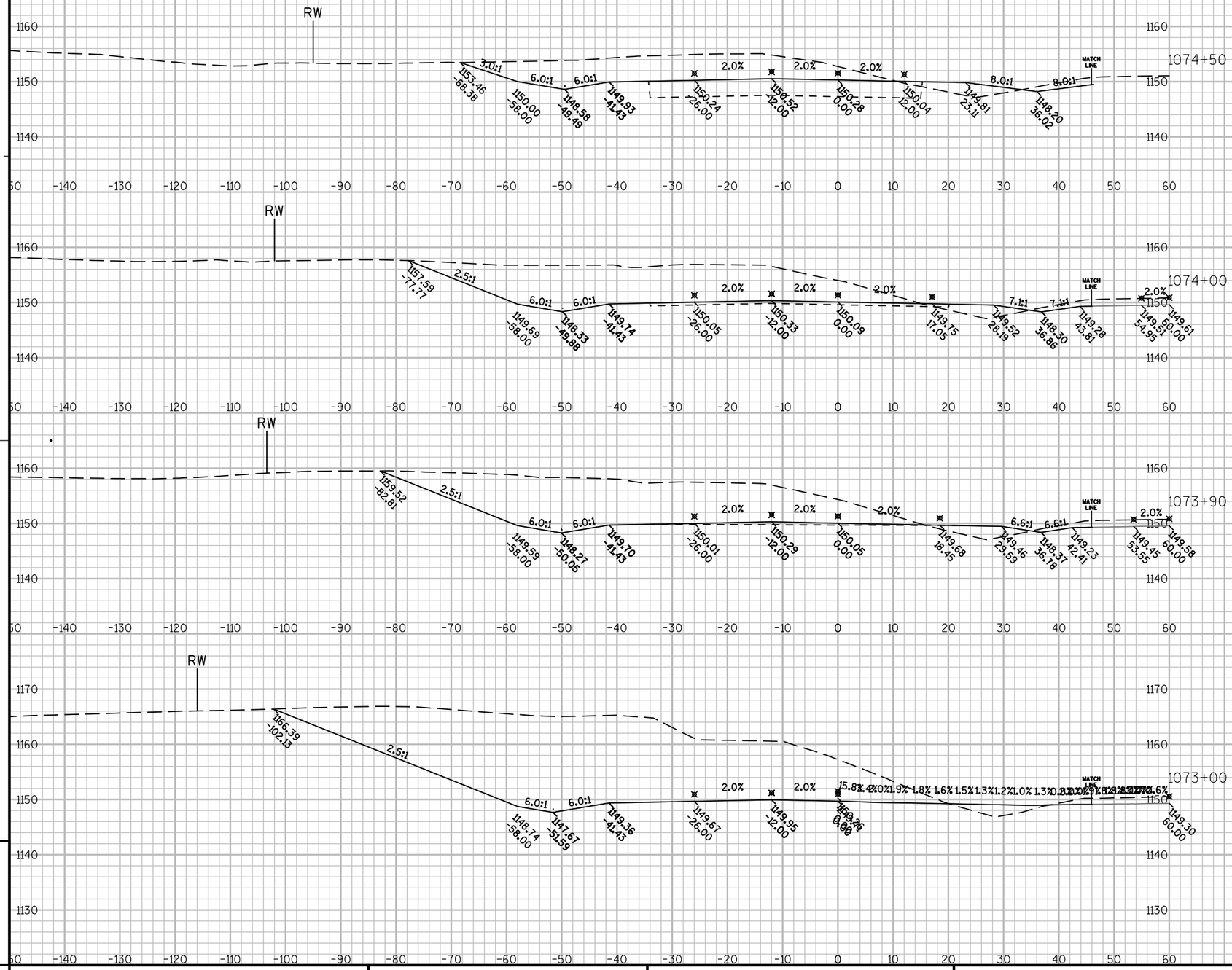
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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WISDOT/CADDS SHEET 49



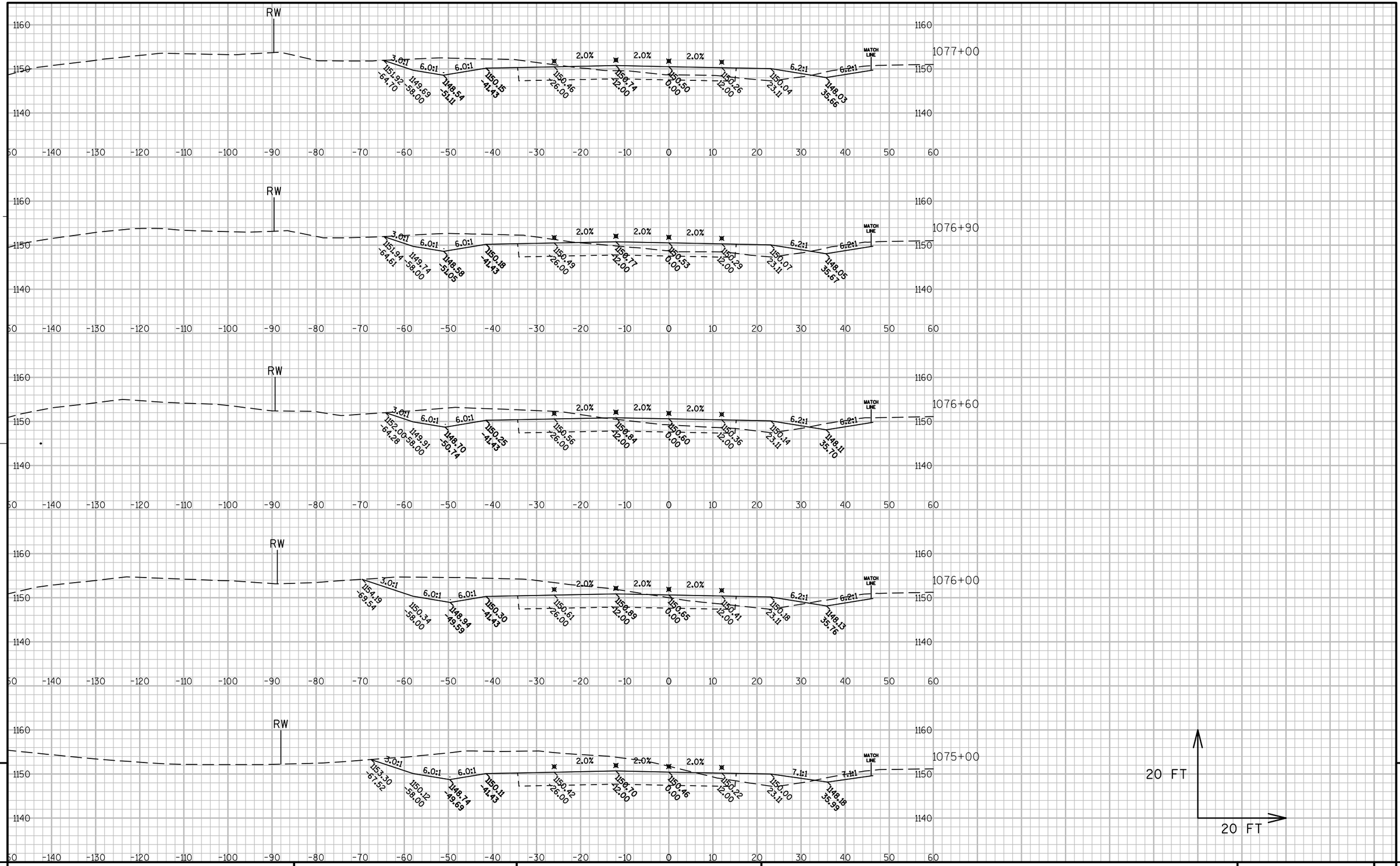
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_12.DWG PLOT DATE : 9/30/2014 7:52 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_12.DWG PLOT DATE : 9/30/2014 7:52 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



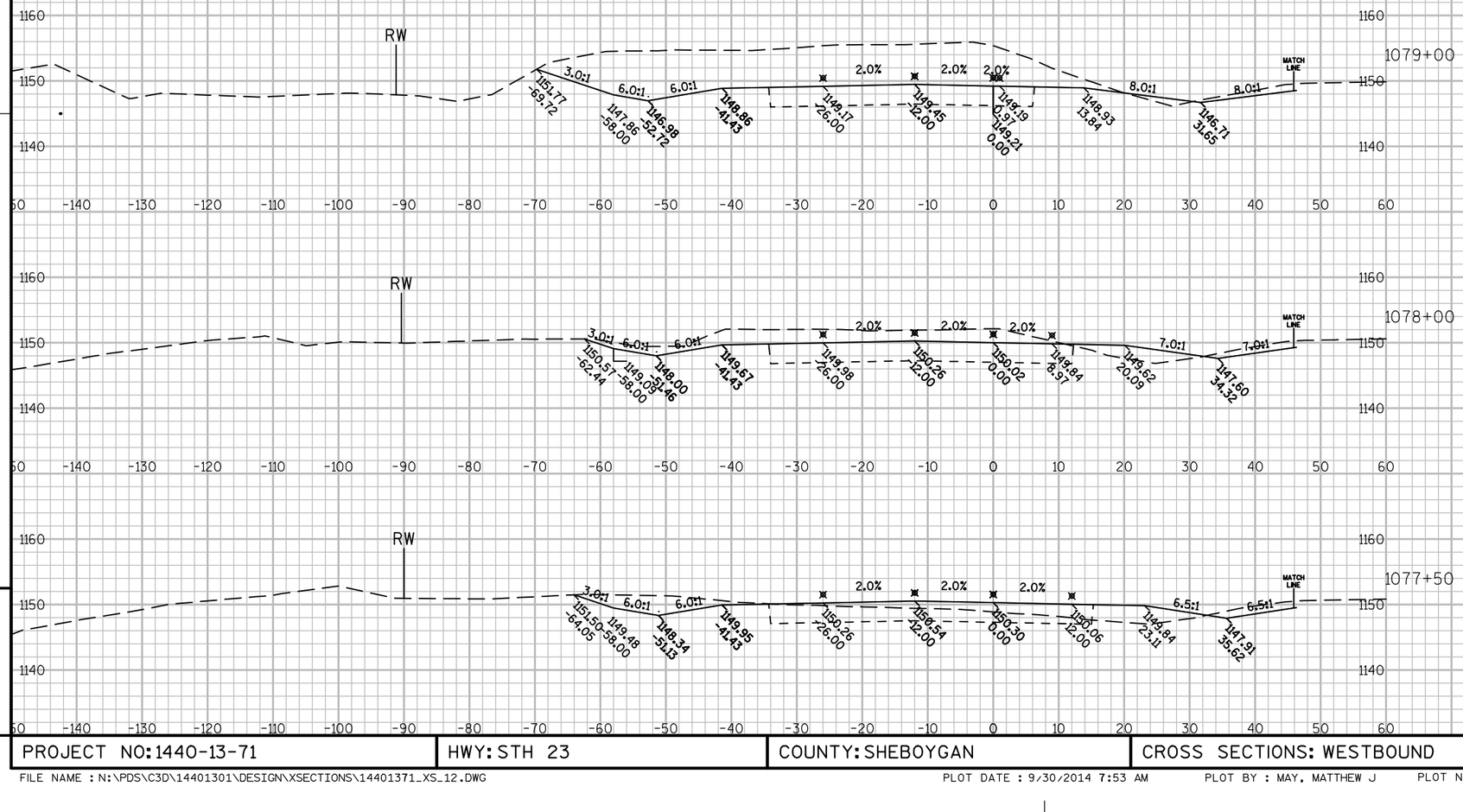
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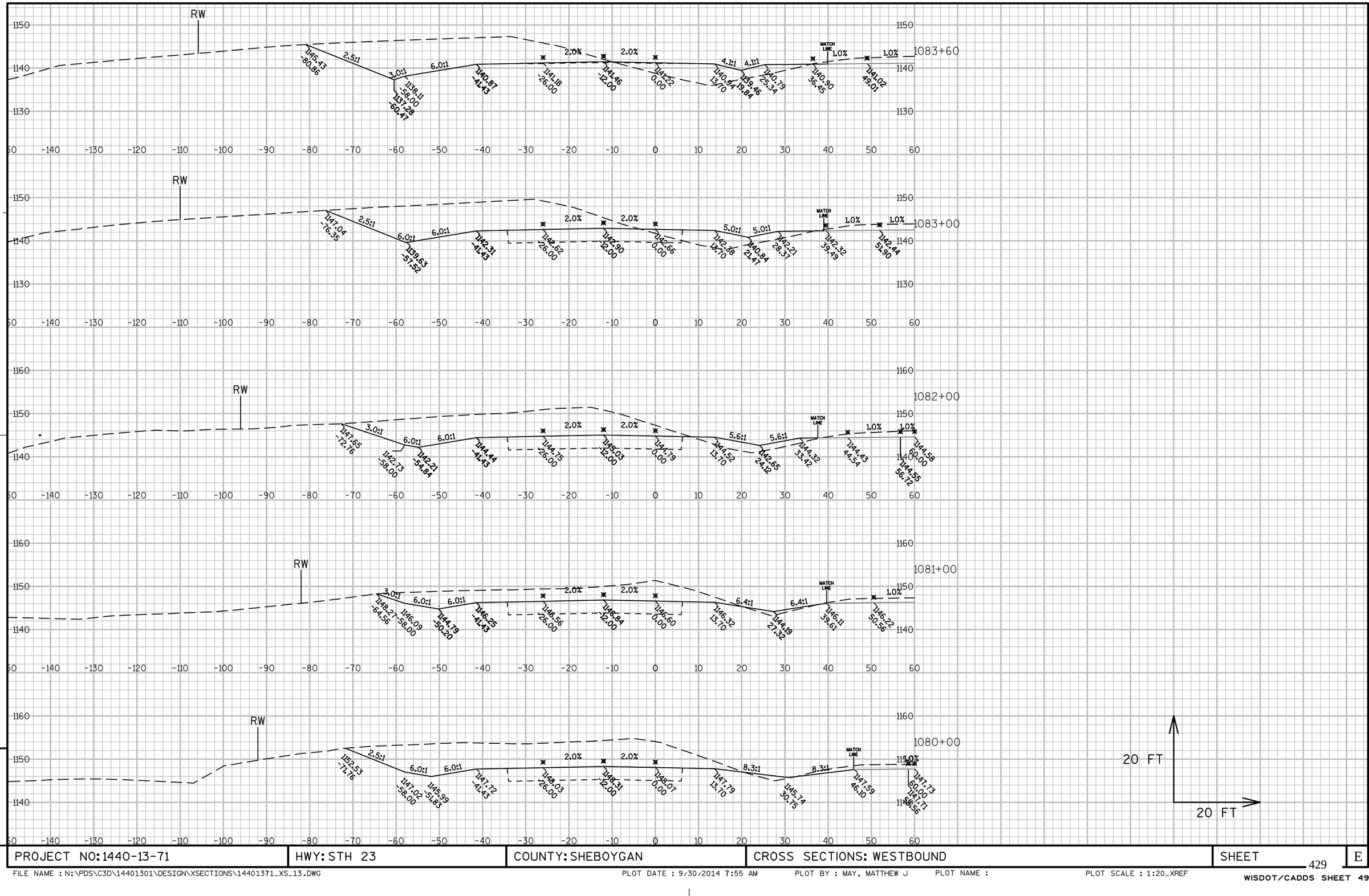
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_12.DWG PLOT DATE : 9/30/2014 7:53 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

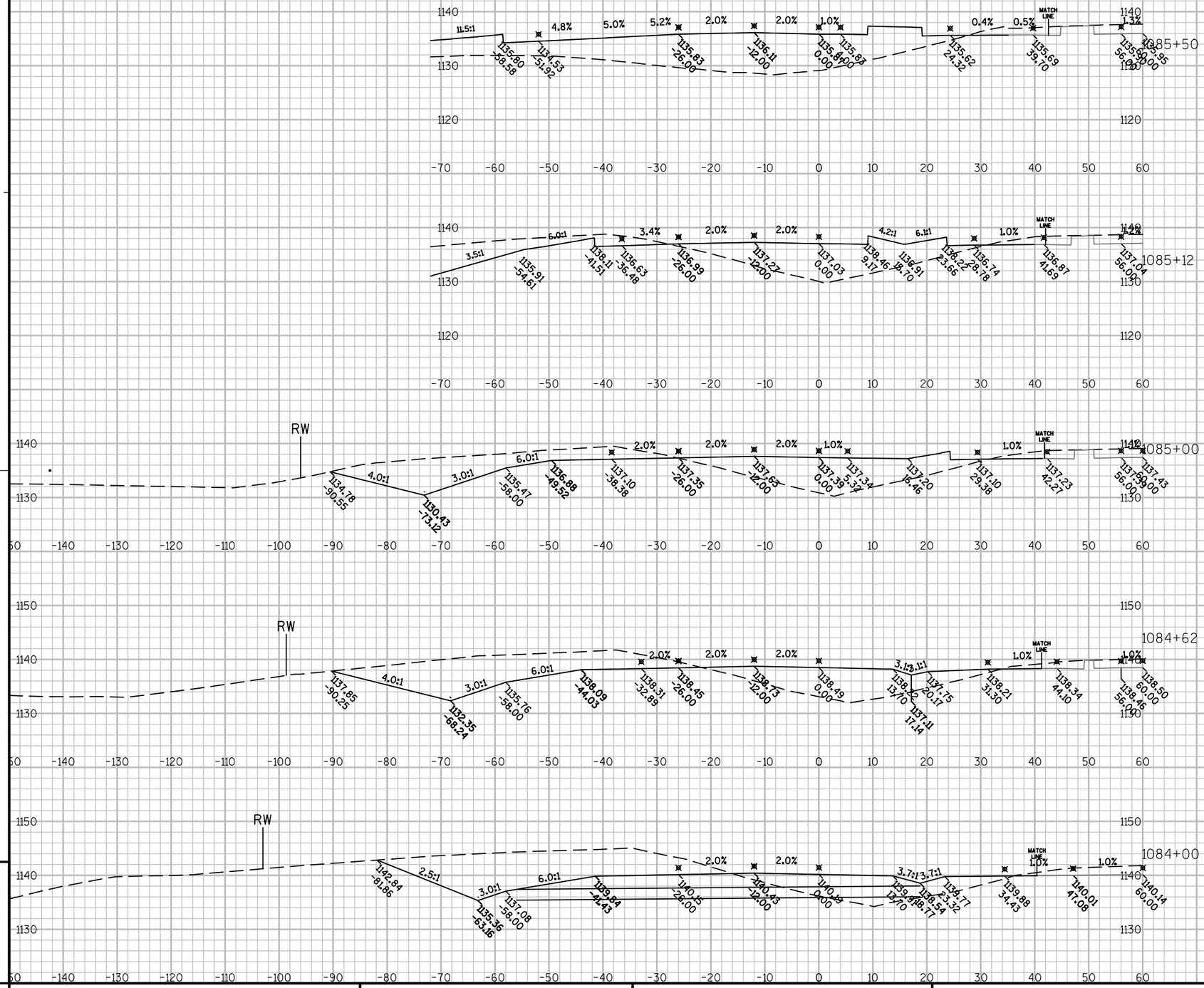


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 428	E



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_13.DWG PLOT DATE : 9/30/2014 7:55 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



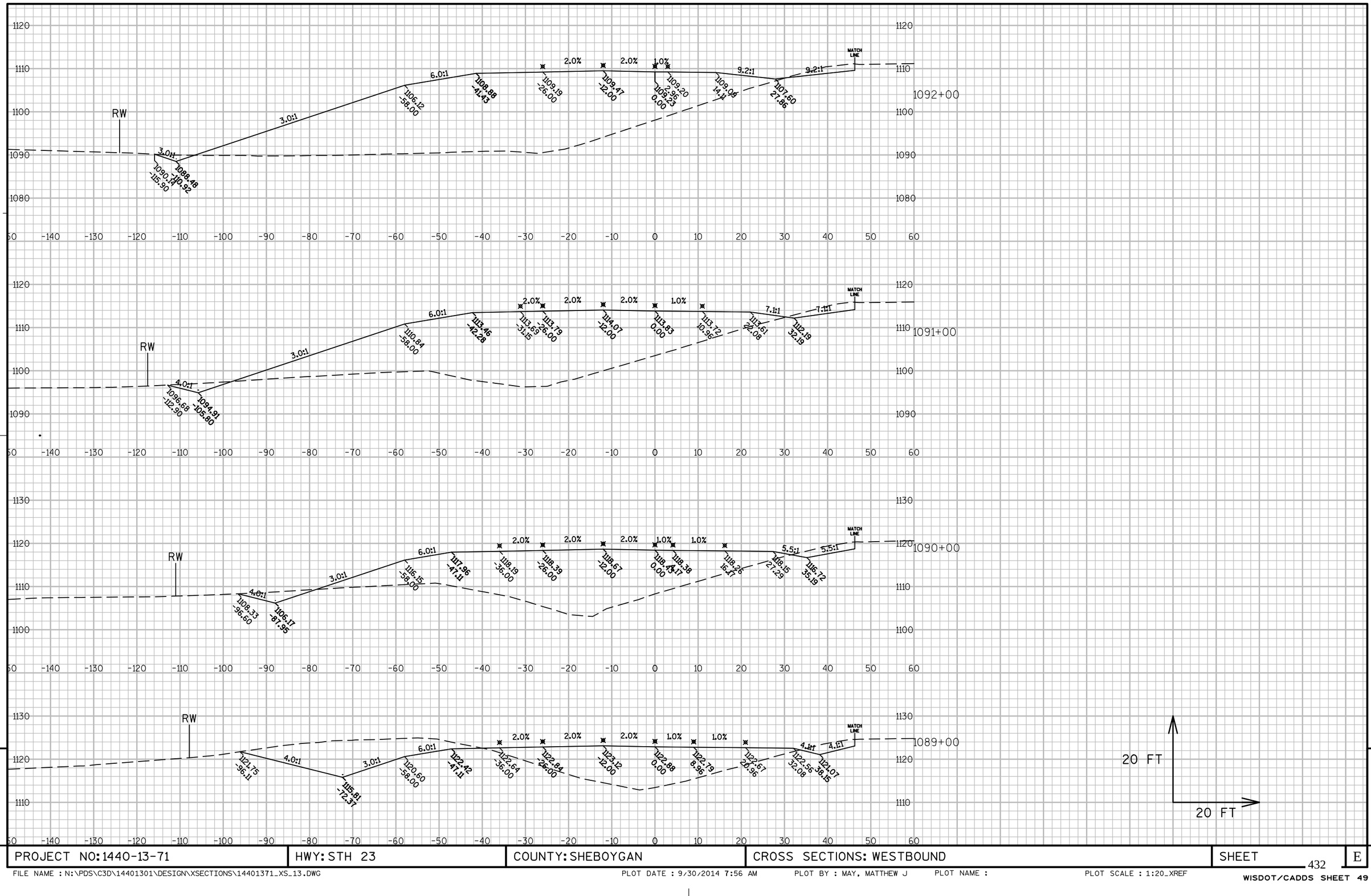
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 430	E

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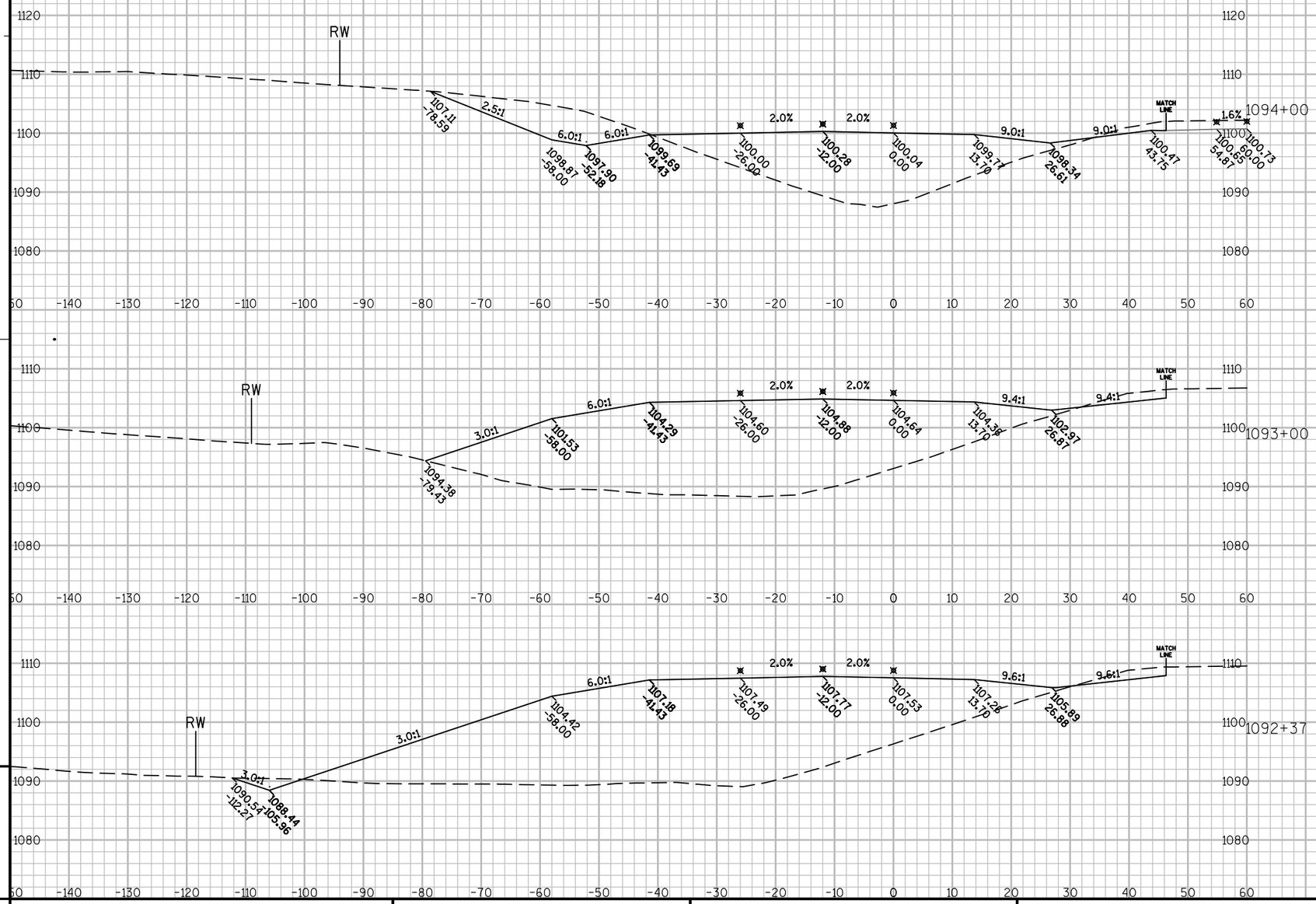


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

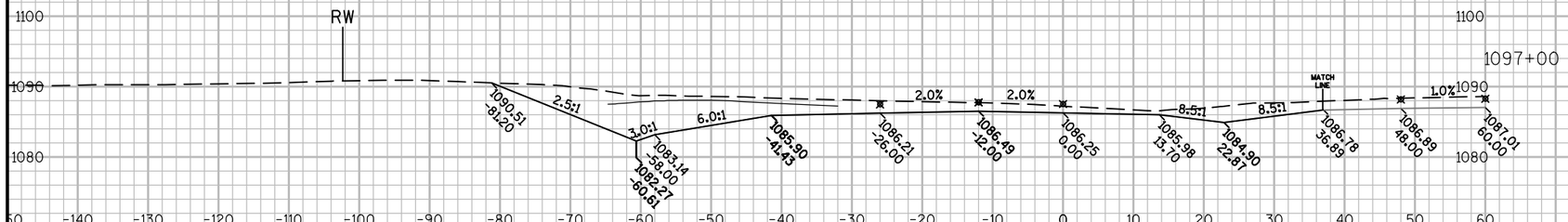
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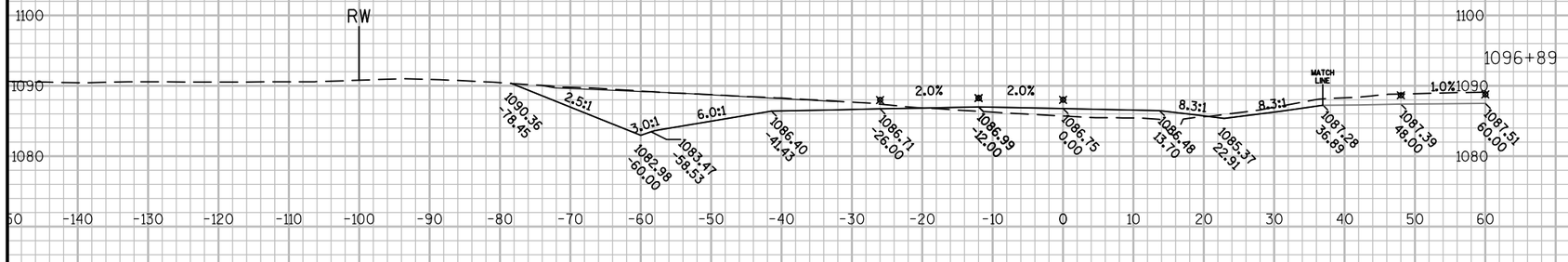


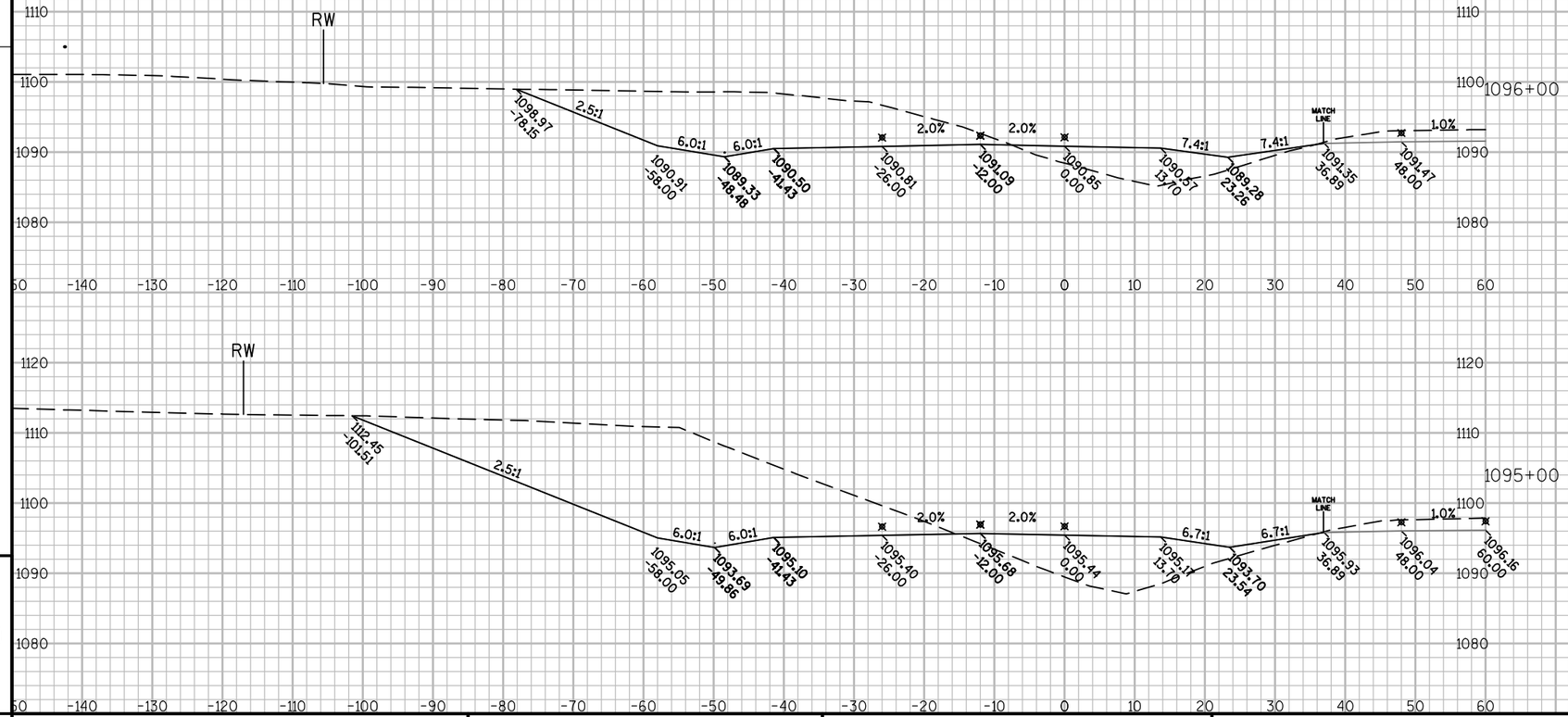
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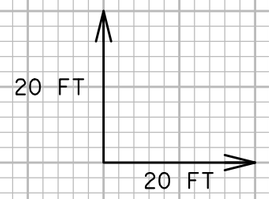
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WISDOT/CADDS SHEET 49



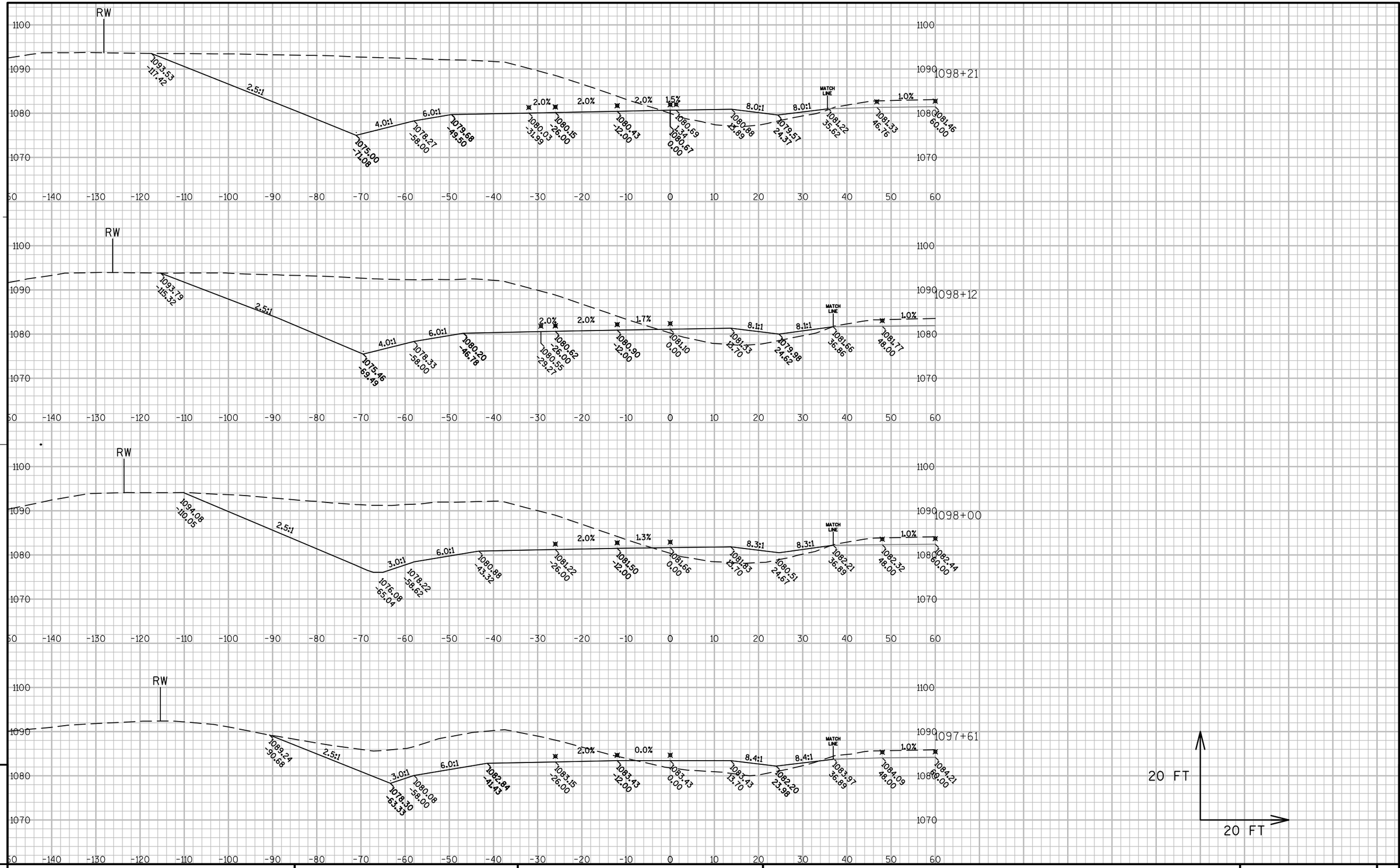






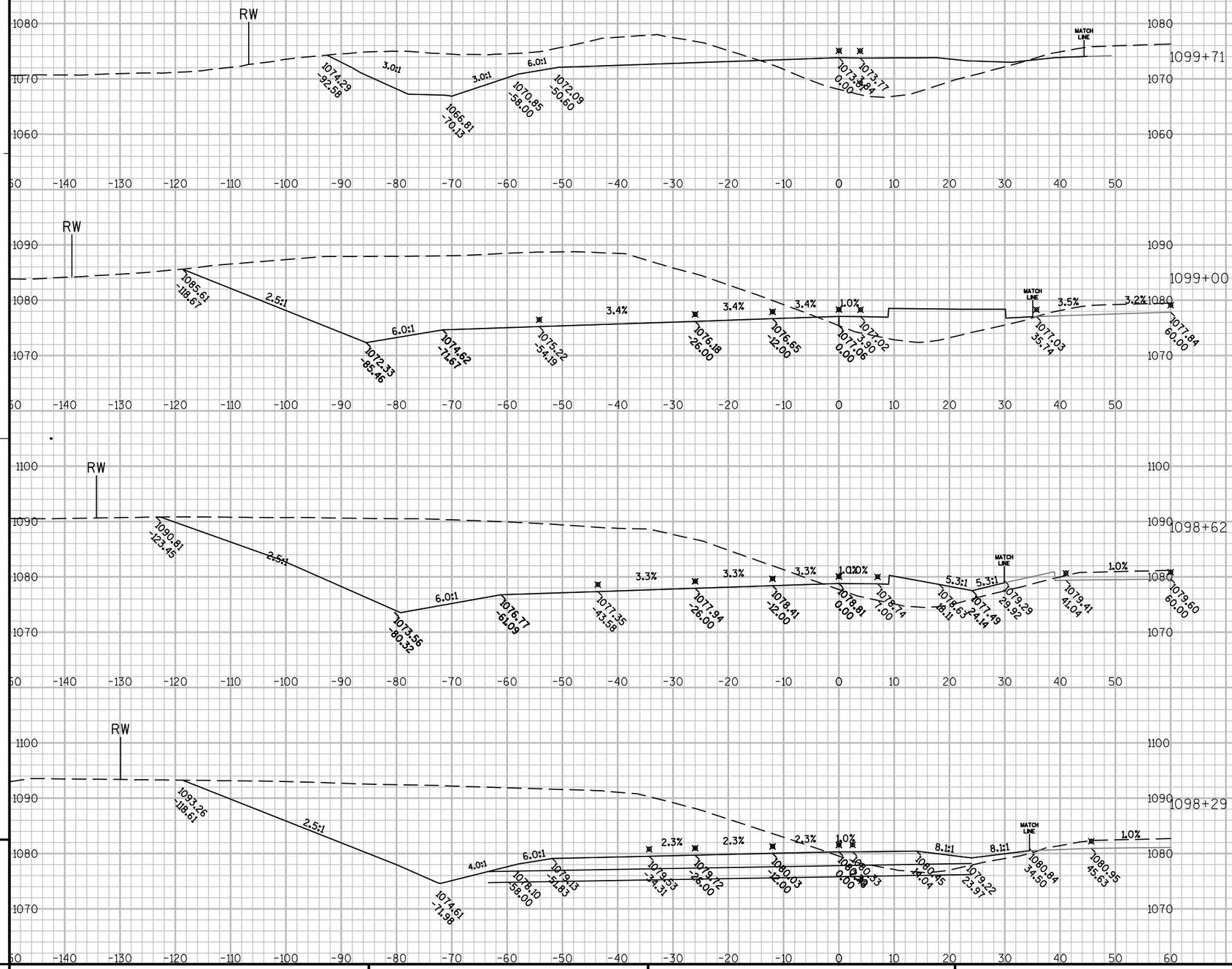
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_13.DWG PLOT DATE : 9/30/2014 7:56 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



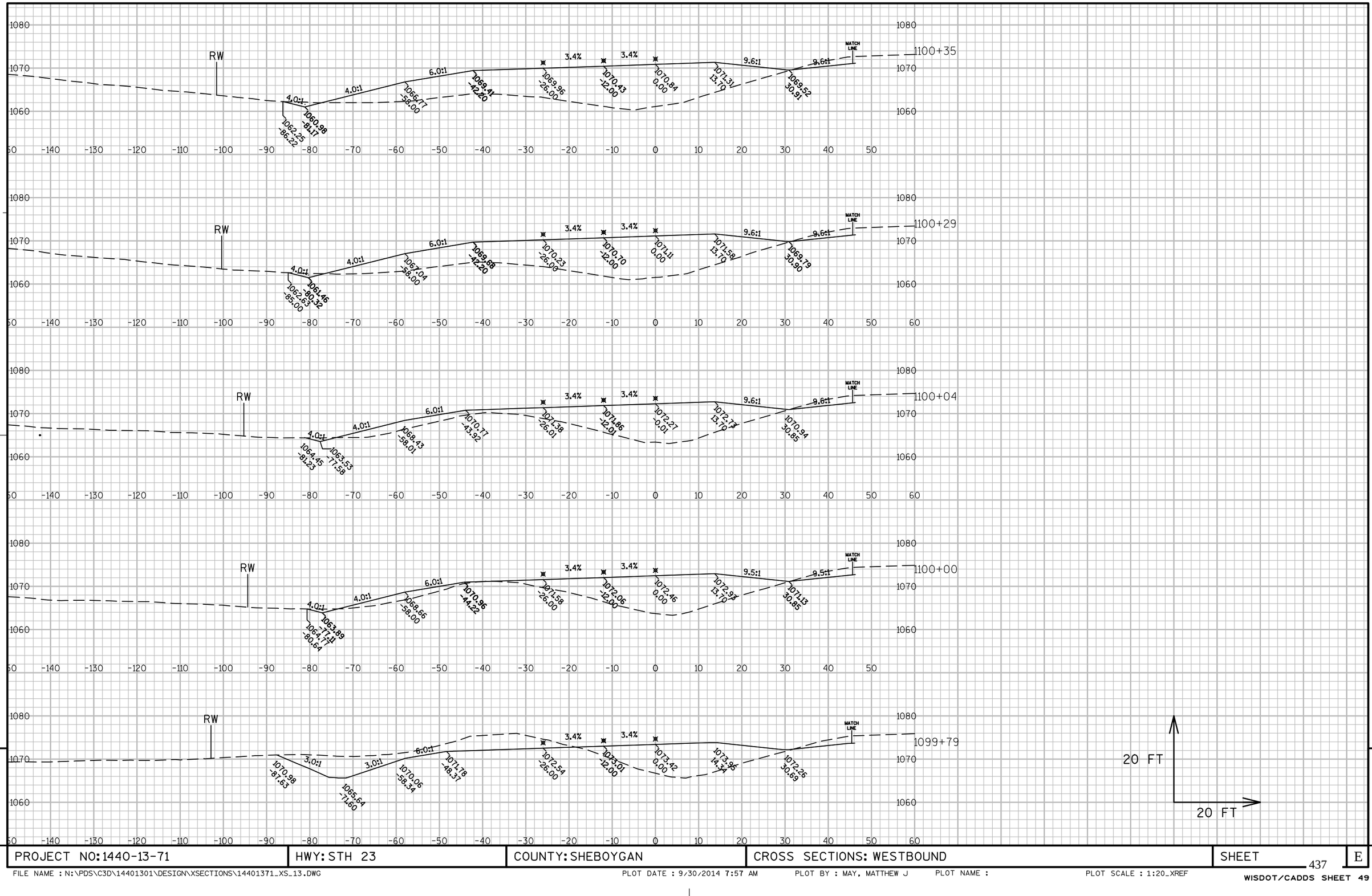
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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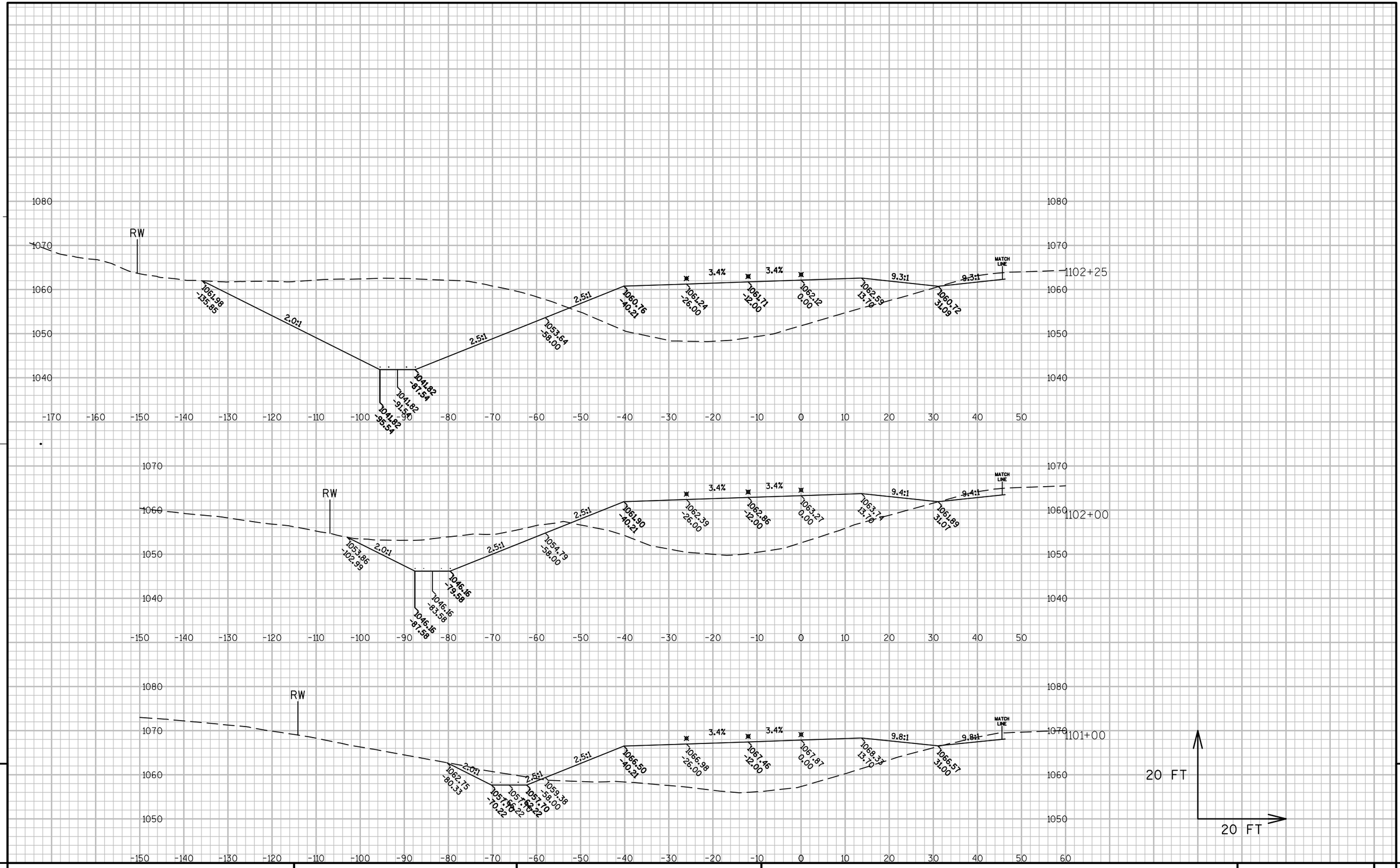
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_13.DWG PLOT DATE : 9/30/2014 7:57 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



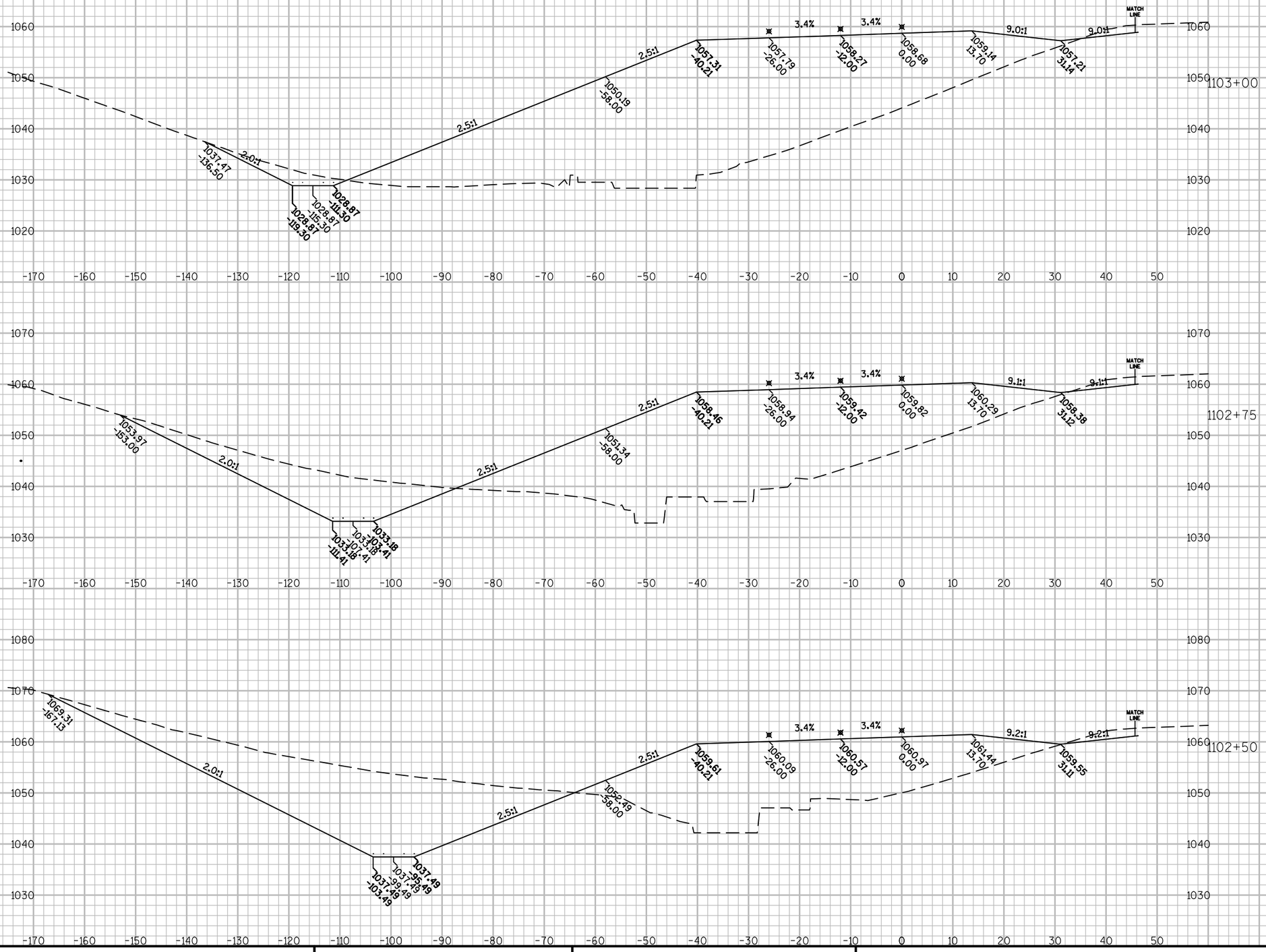
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 438	E

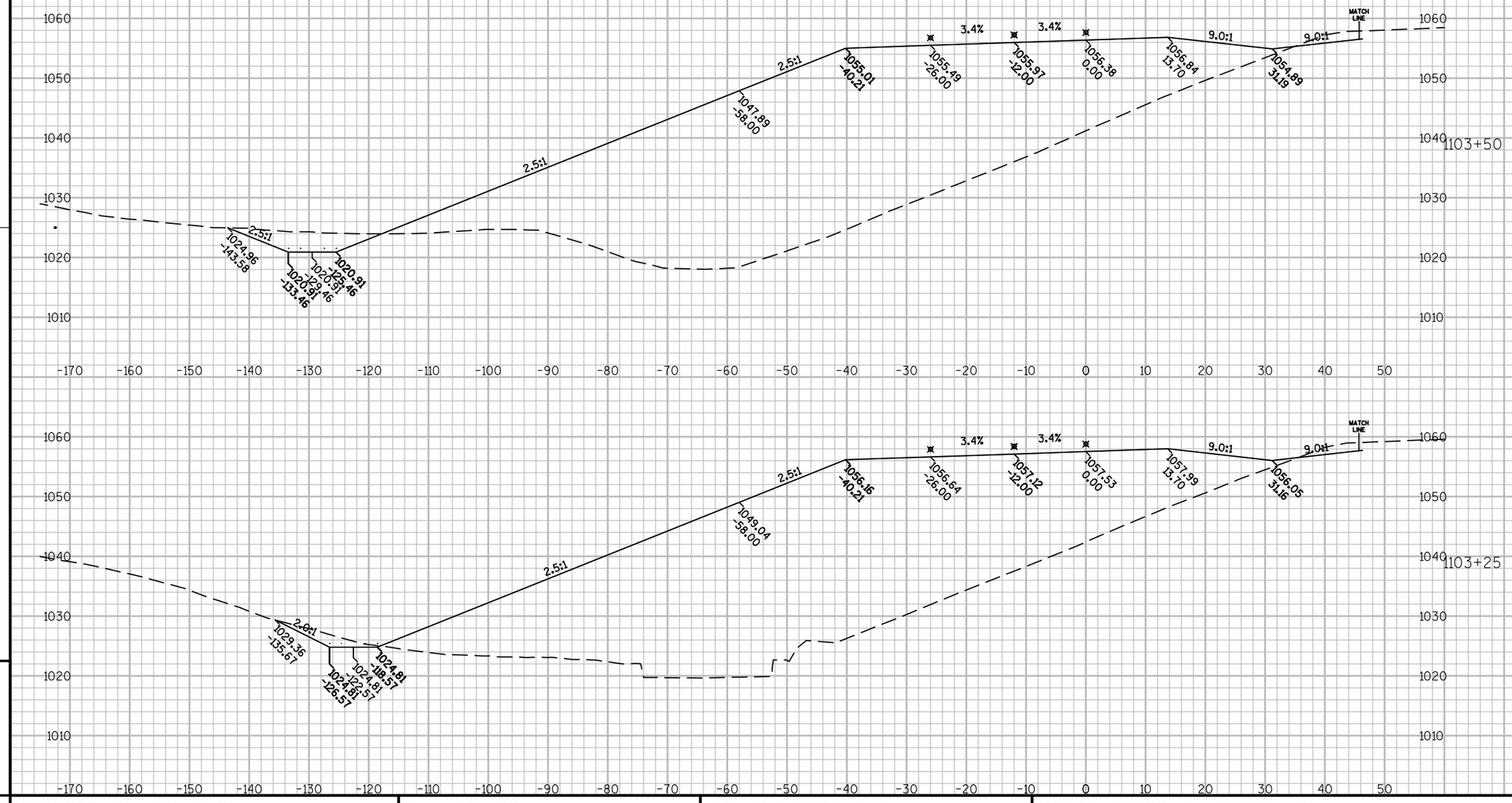
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_14.DWG PLOT DATE : 9/30/2014 7:59 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

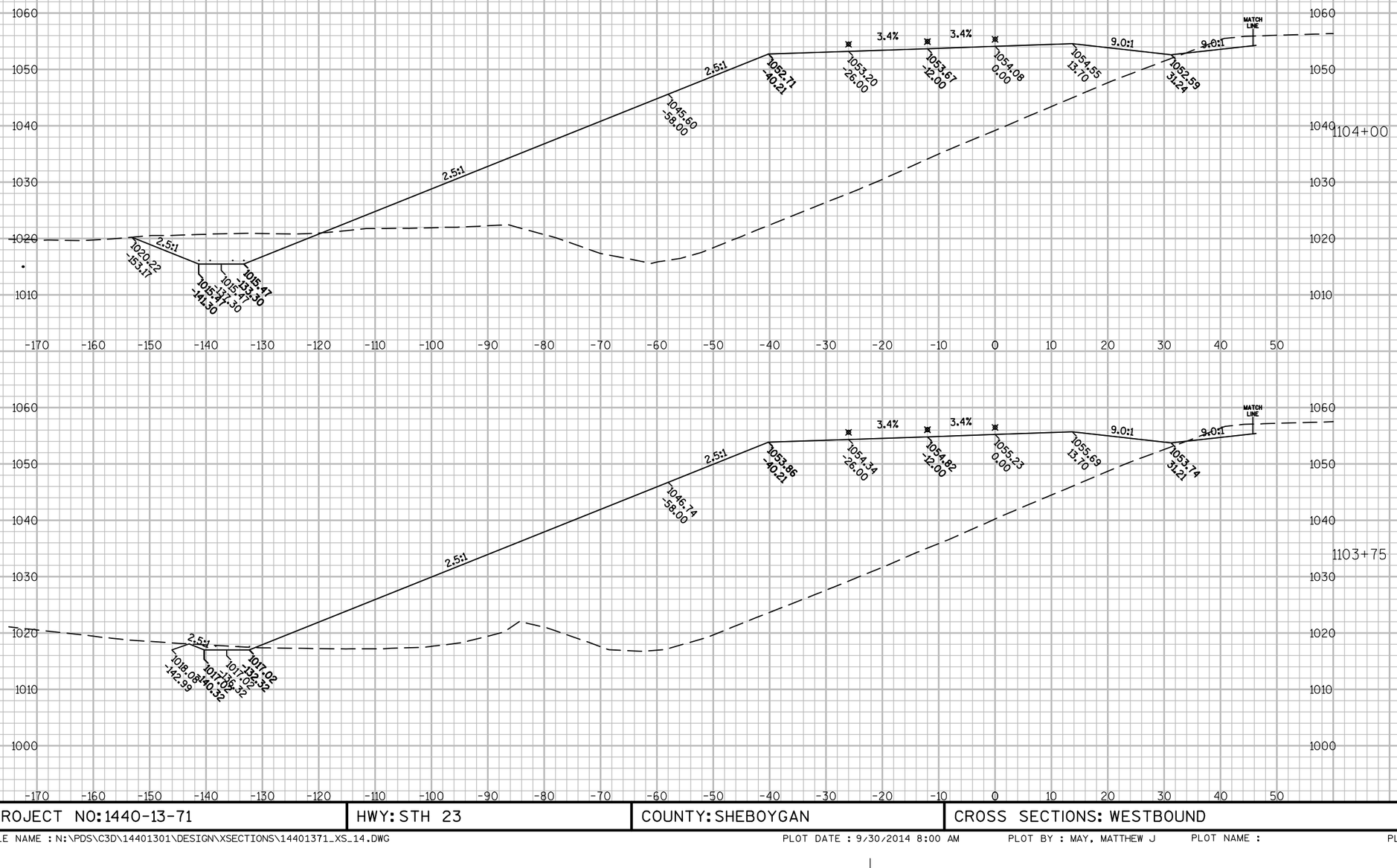


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 440	E

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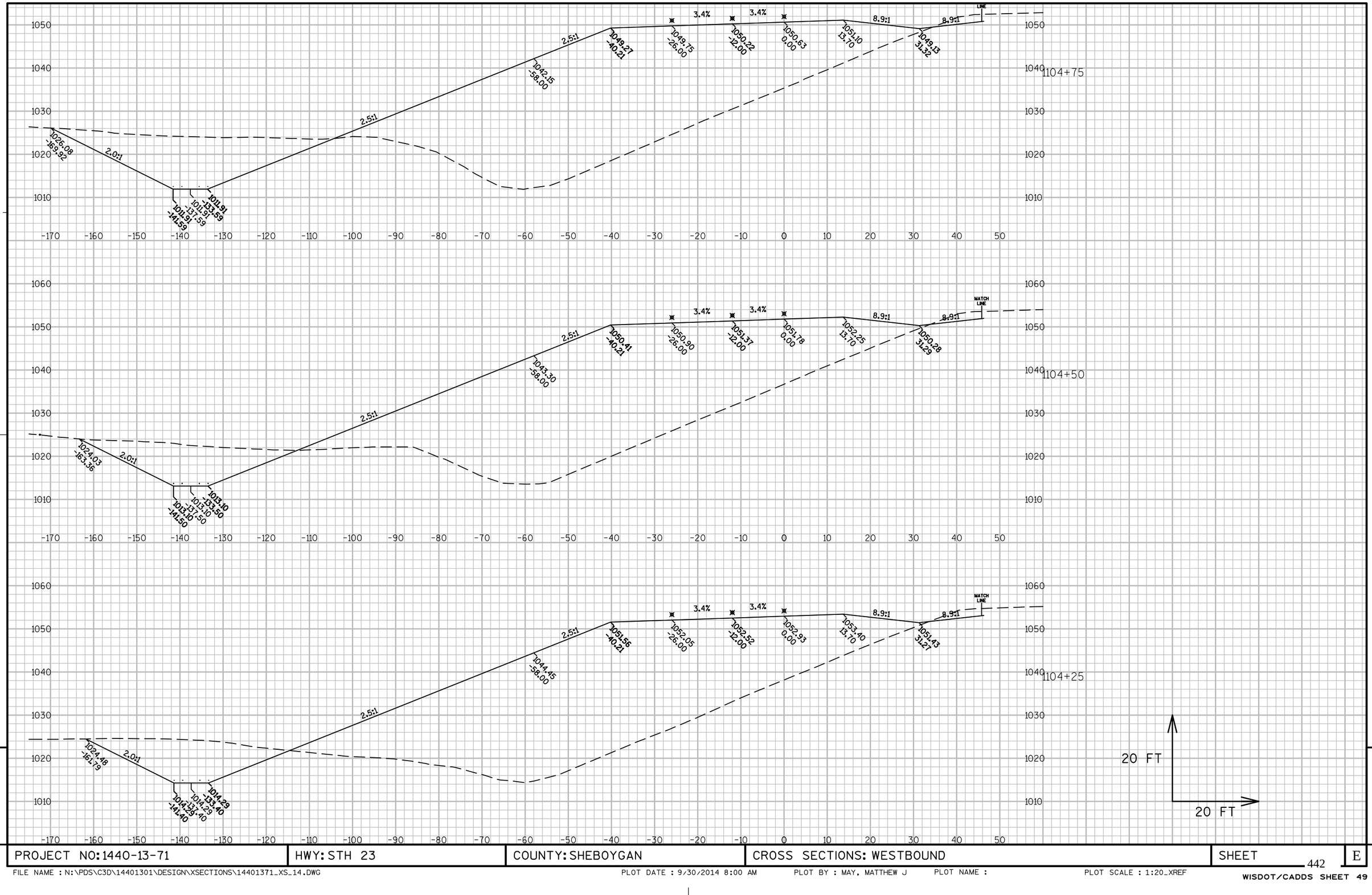


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

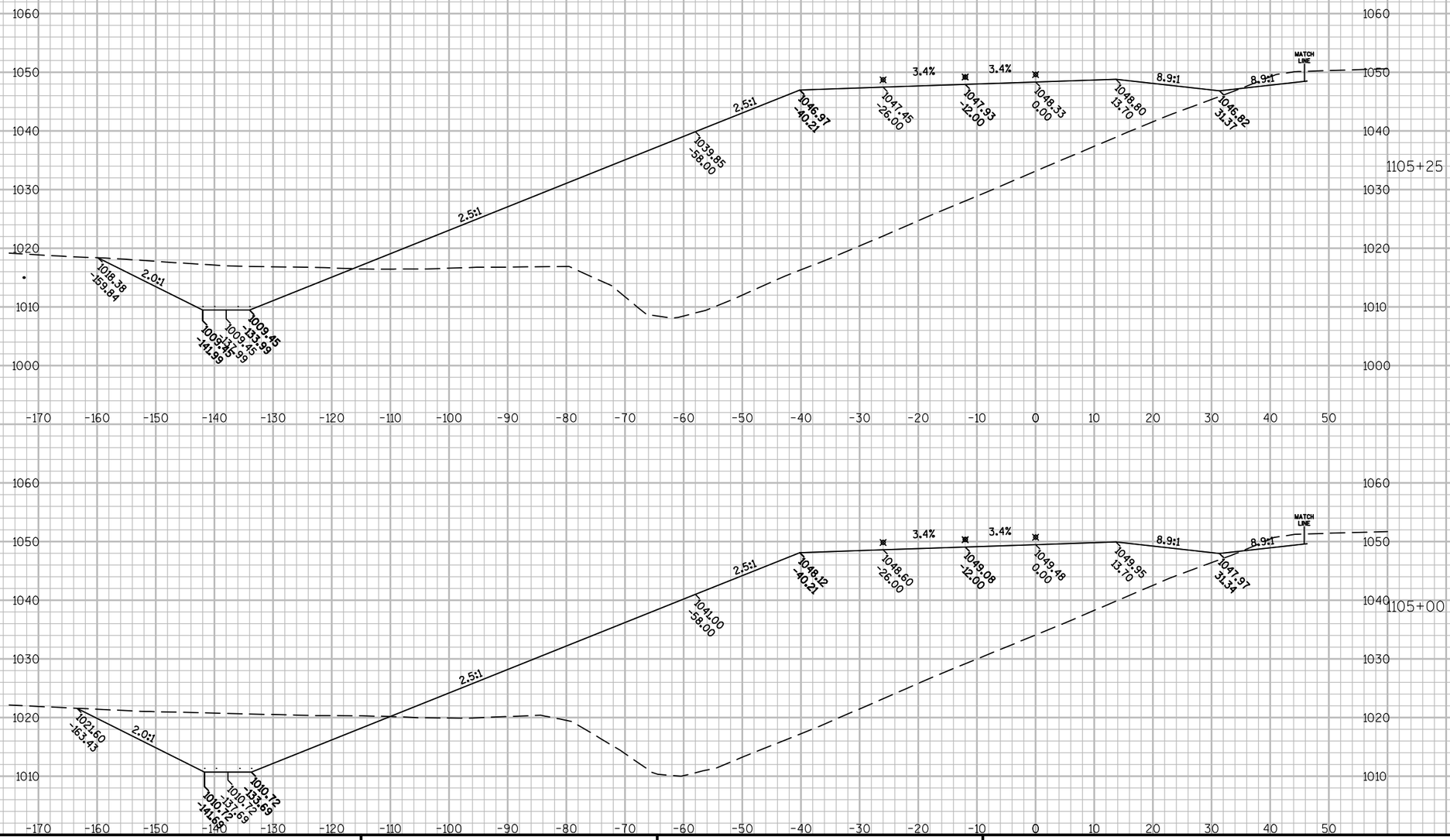
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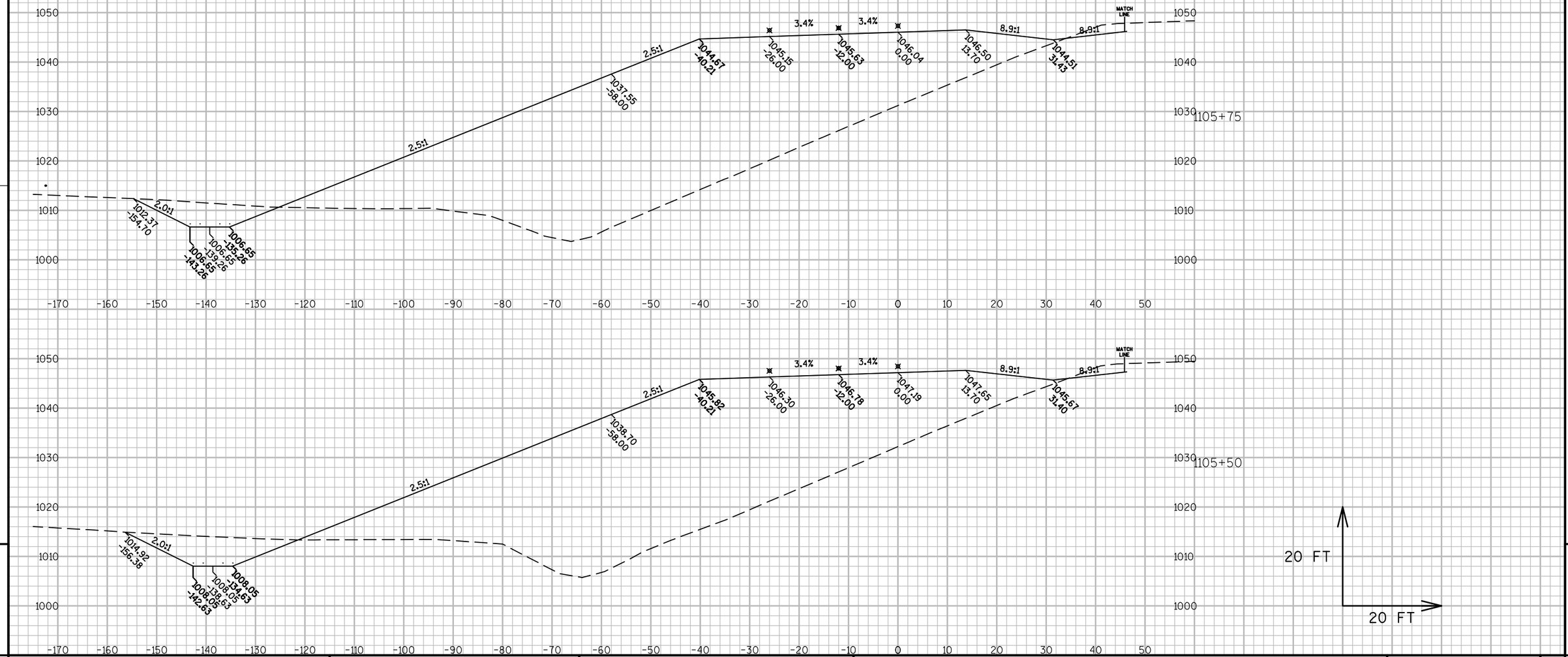
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 442	E



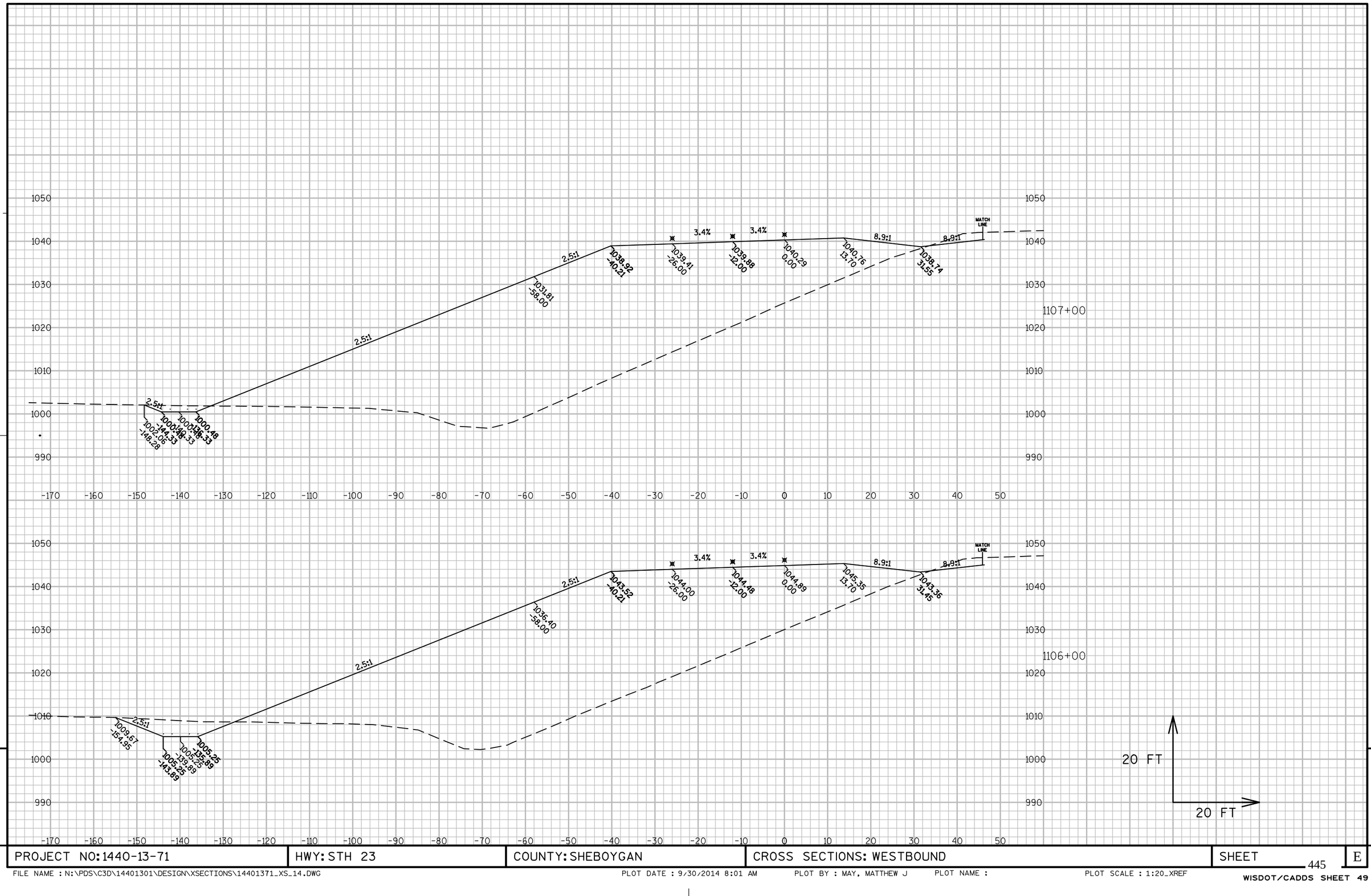
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

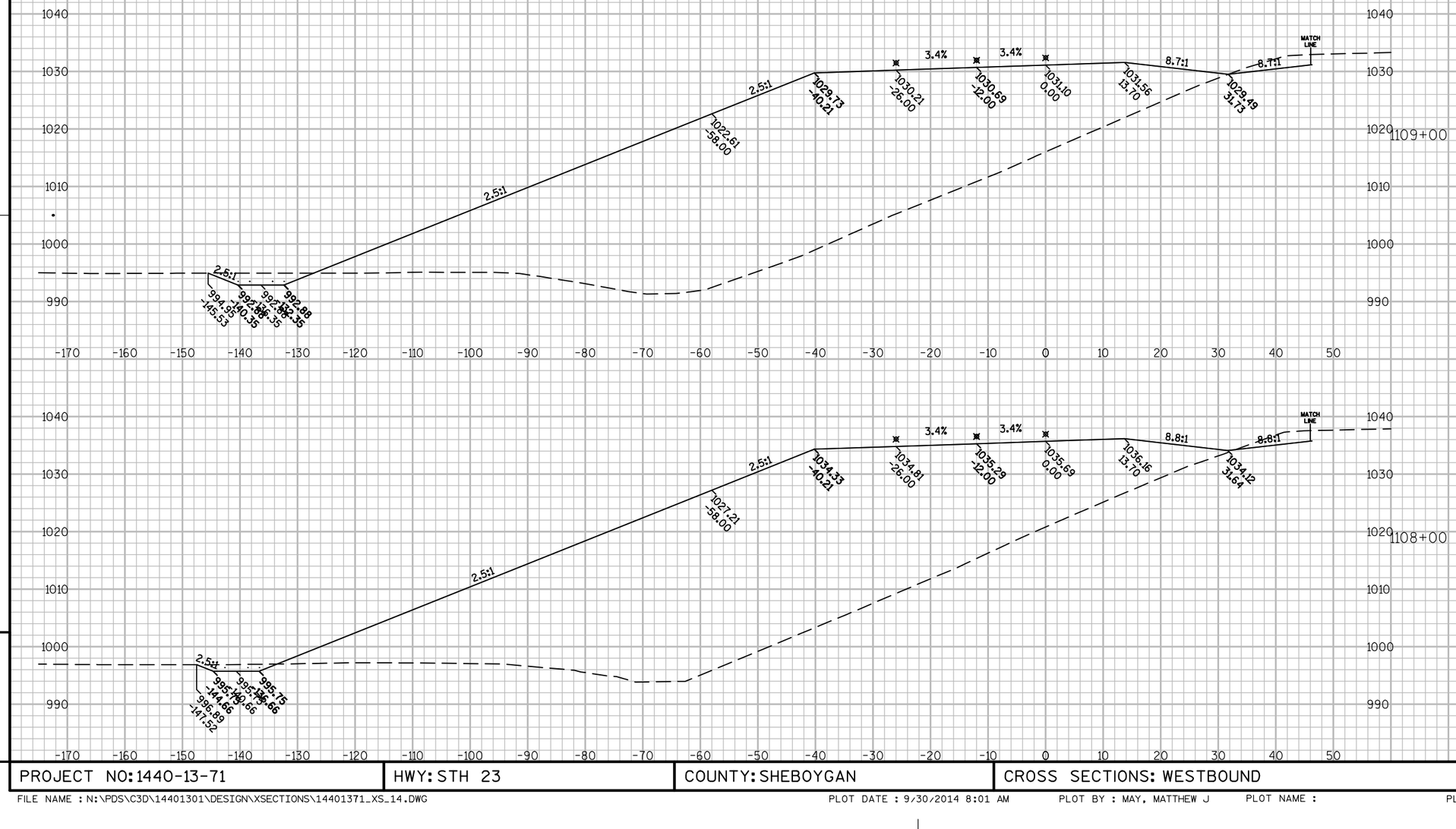
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

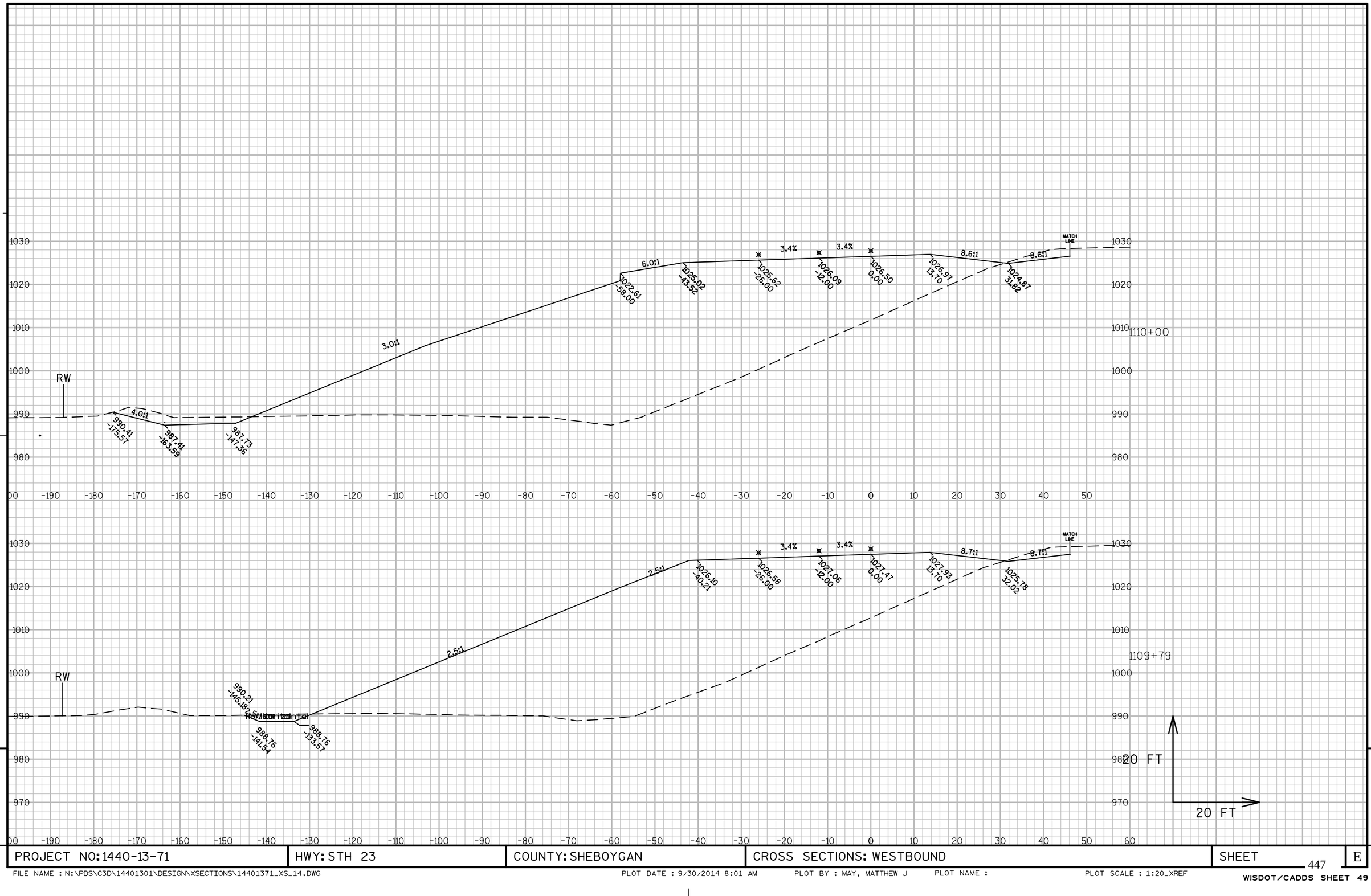
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_14.DWG PLOT DATE : 9/30/2014 8:01 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



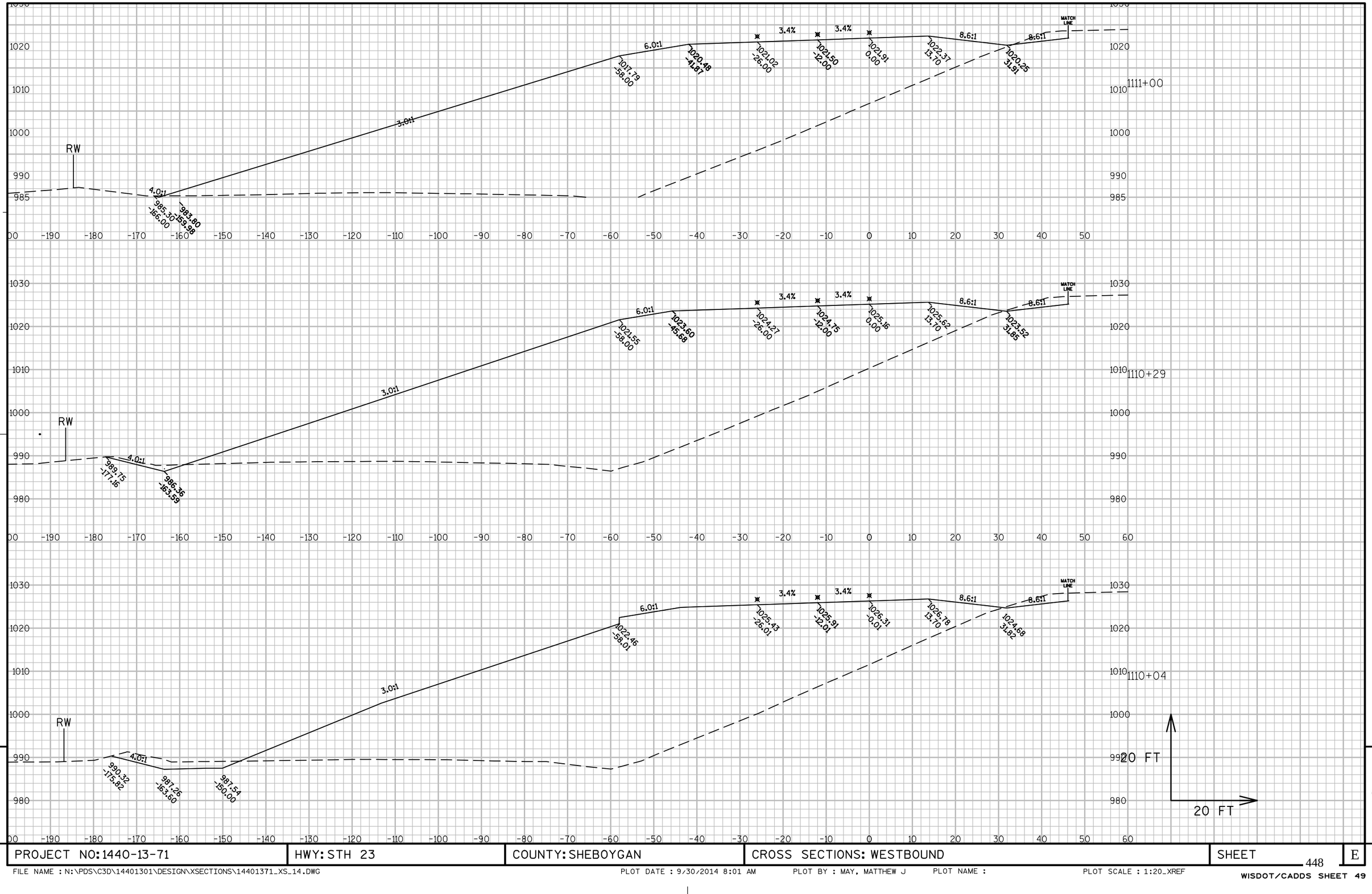
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 447	E

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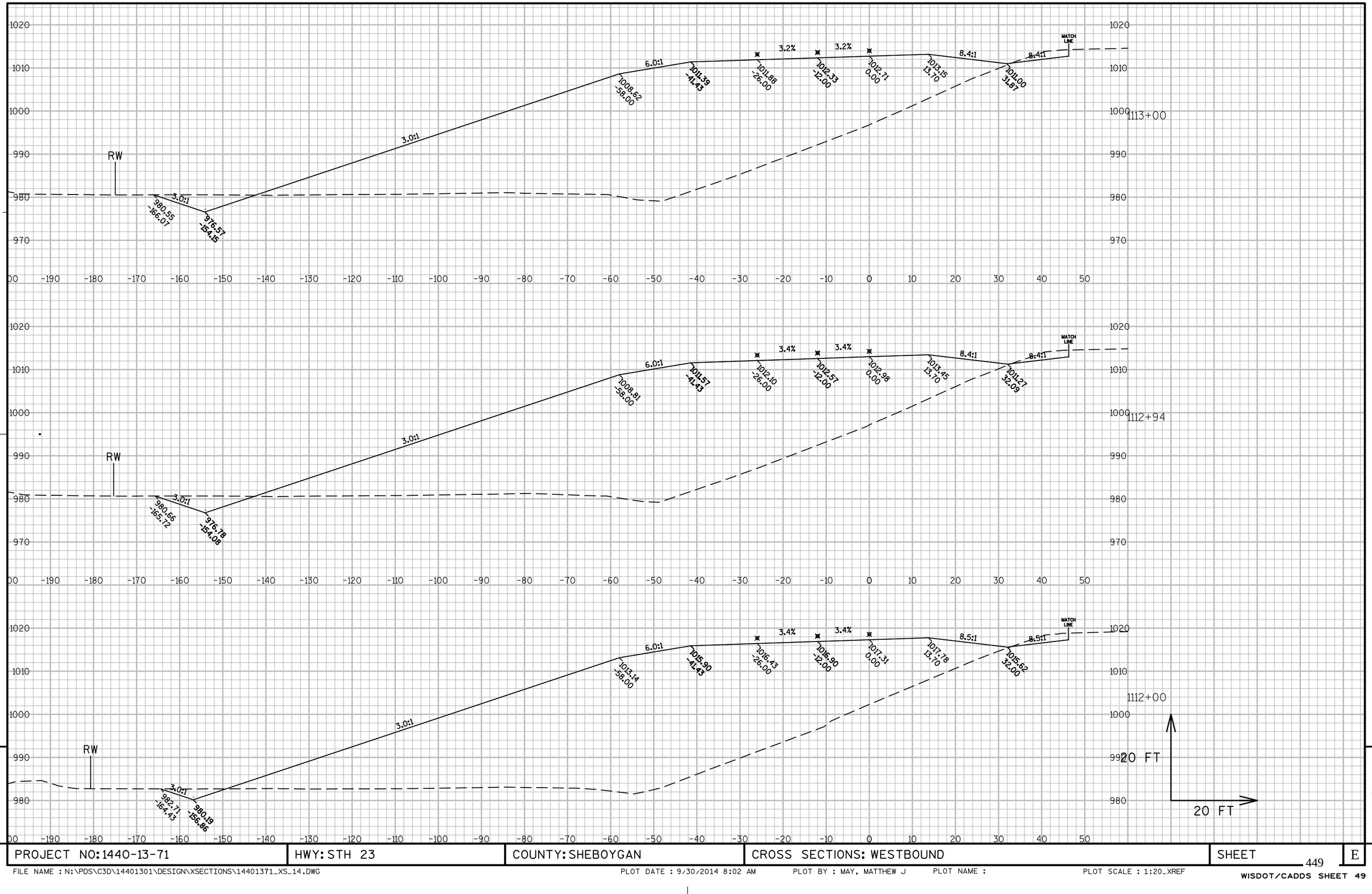
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 448	E

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WISDOT/CADDS SHEET 49

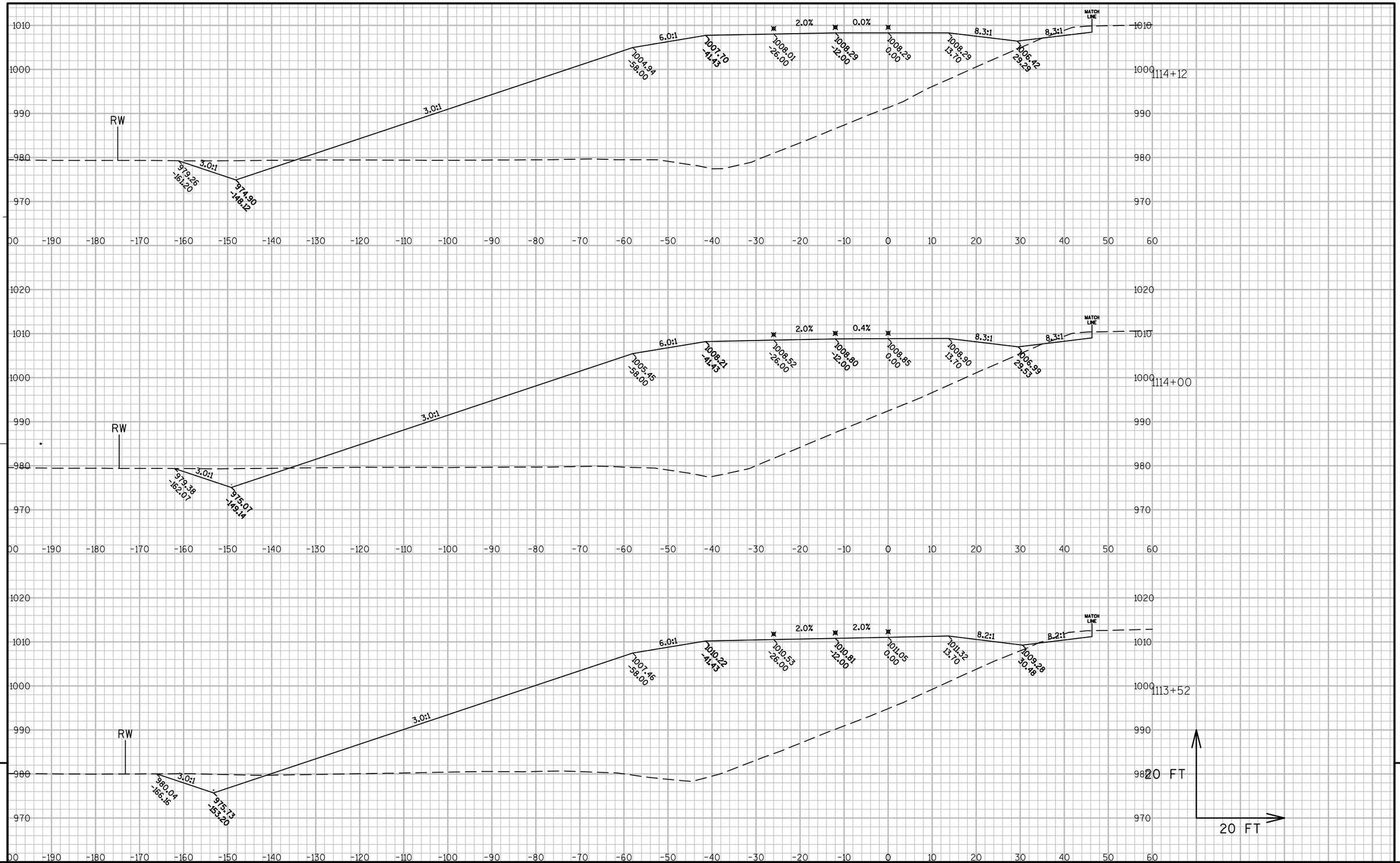


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_14.DWG PLOT DATE : 9/30/2014 8:02 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

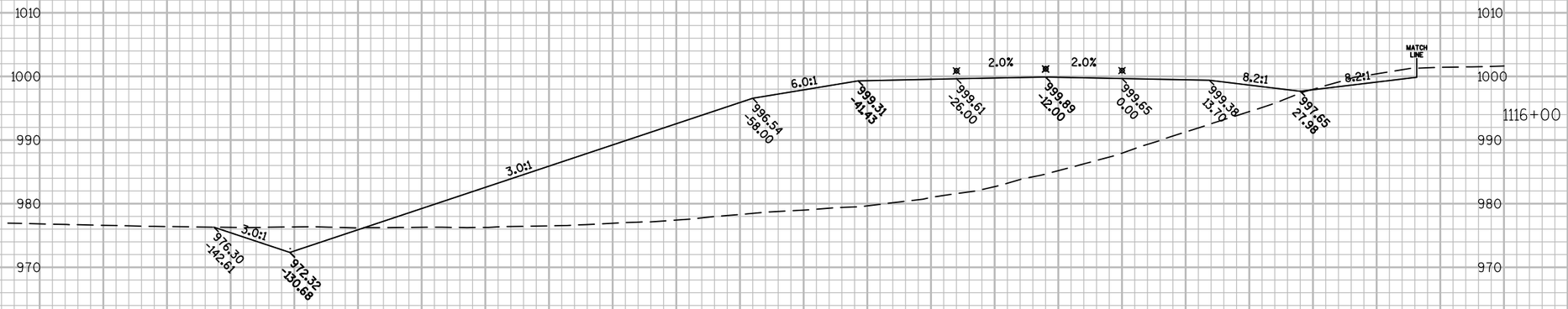
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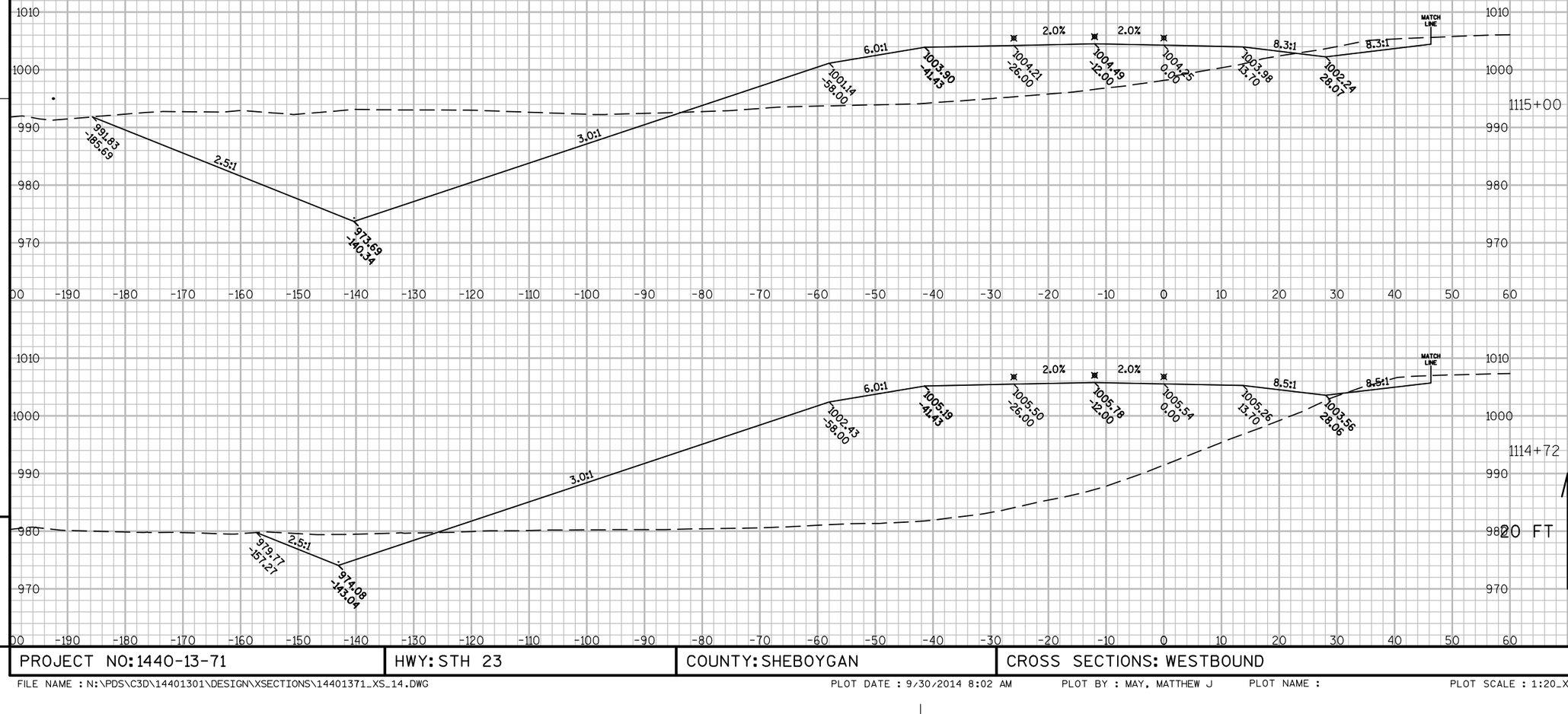


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 450	E





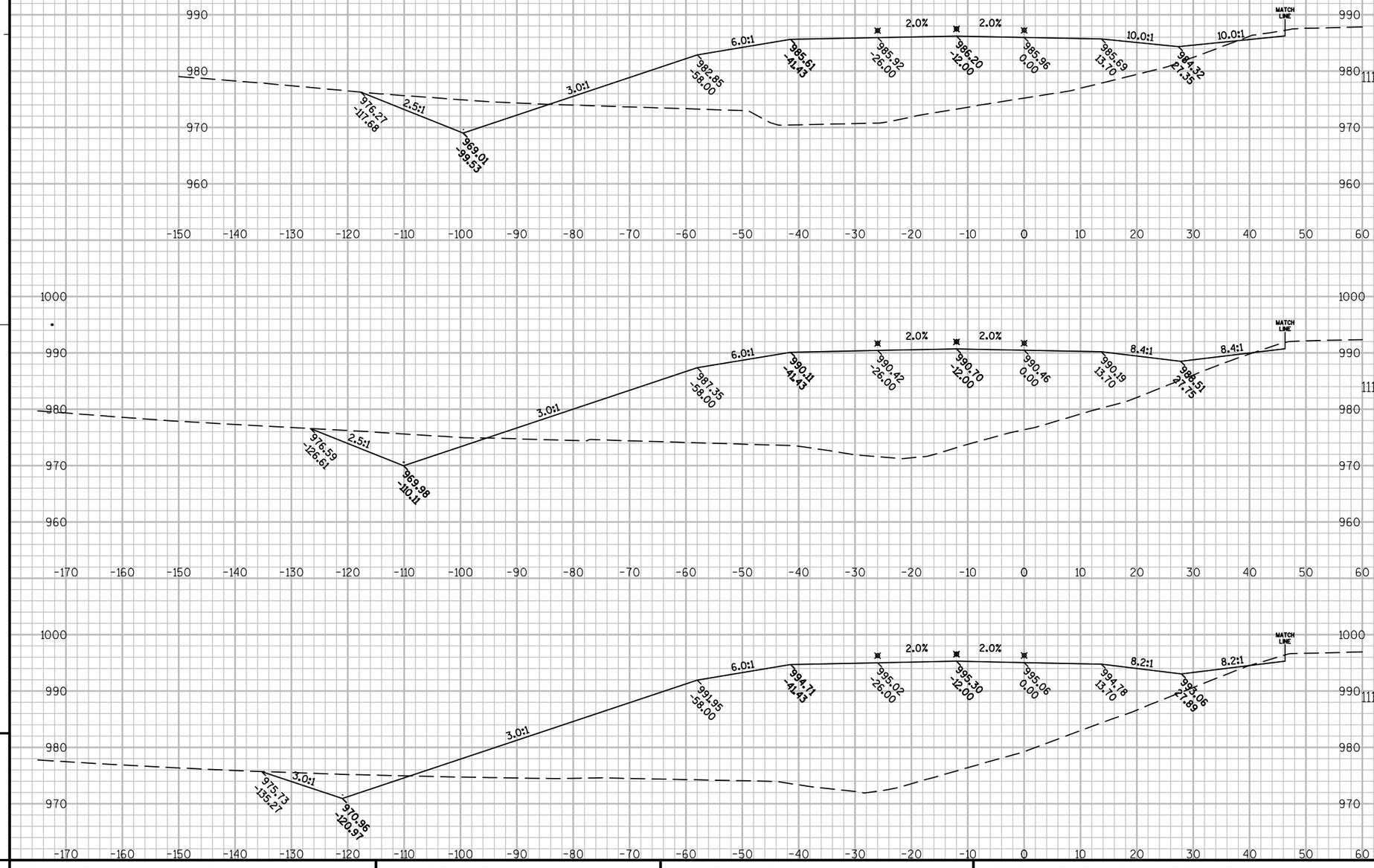
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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WISDOT/CADDS SHEET 49

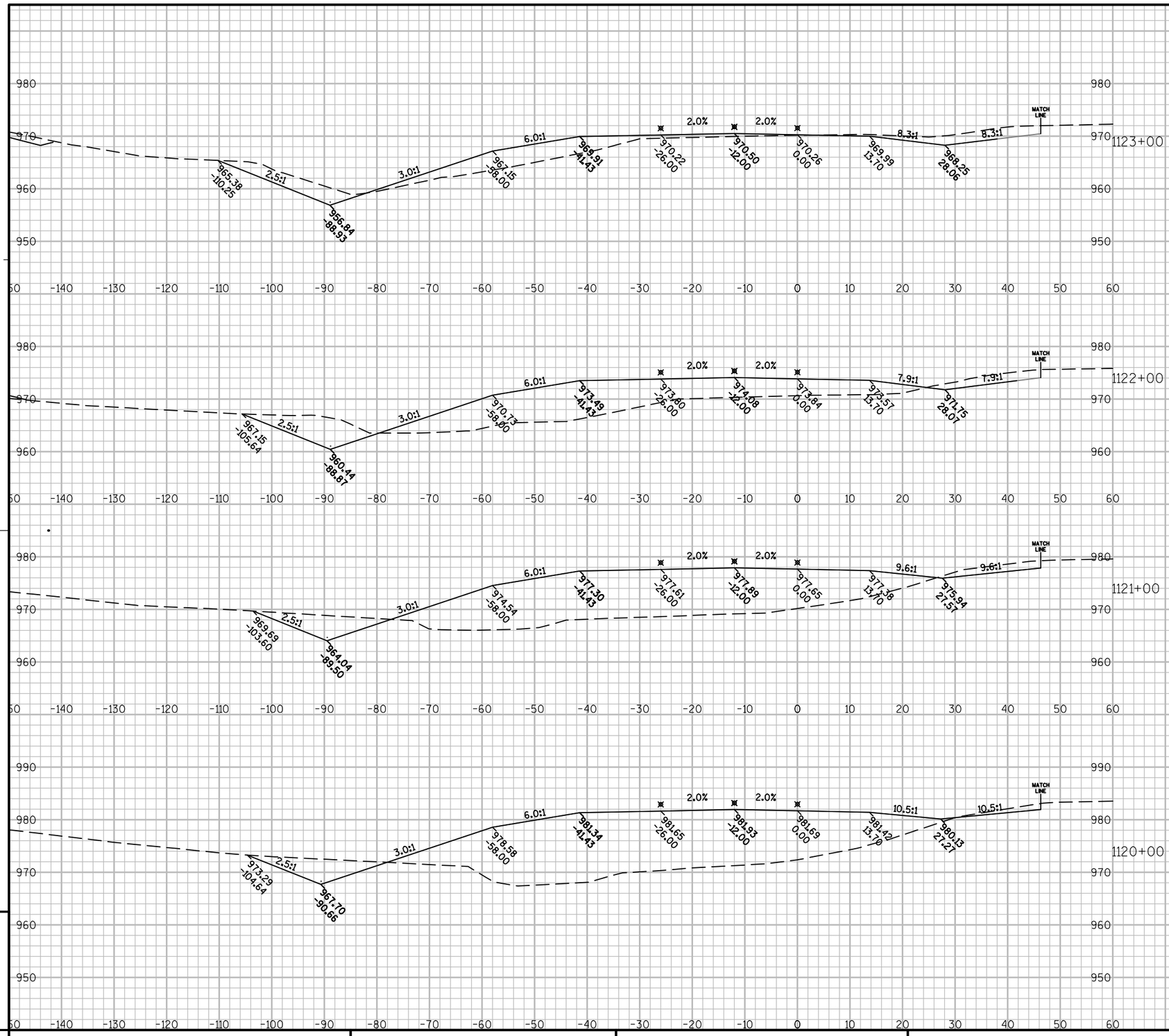


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET 452	E

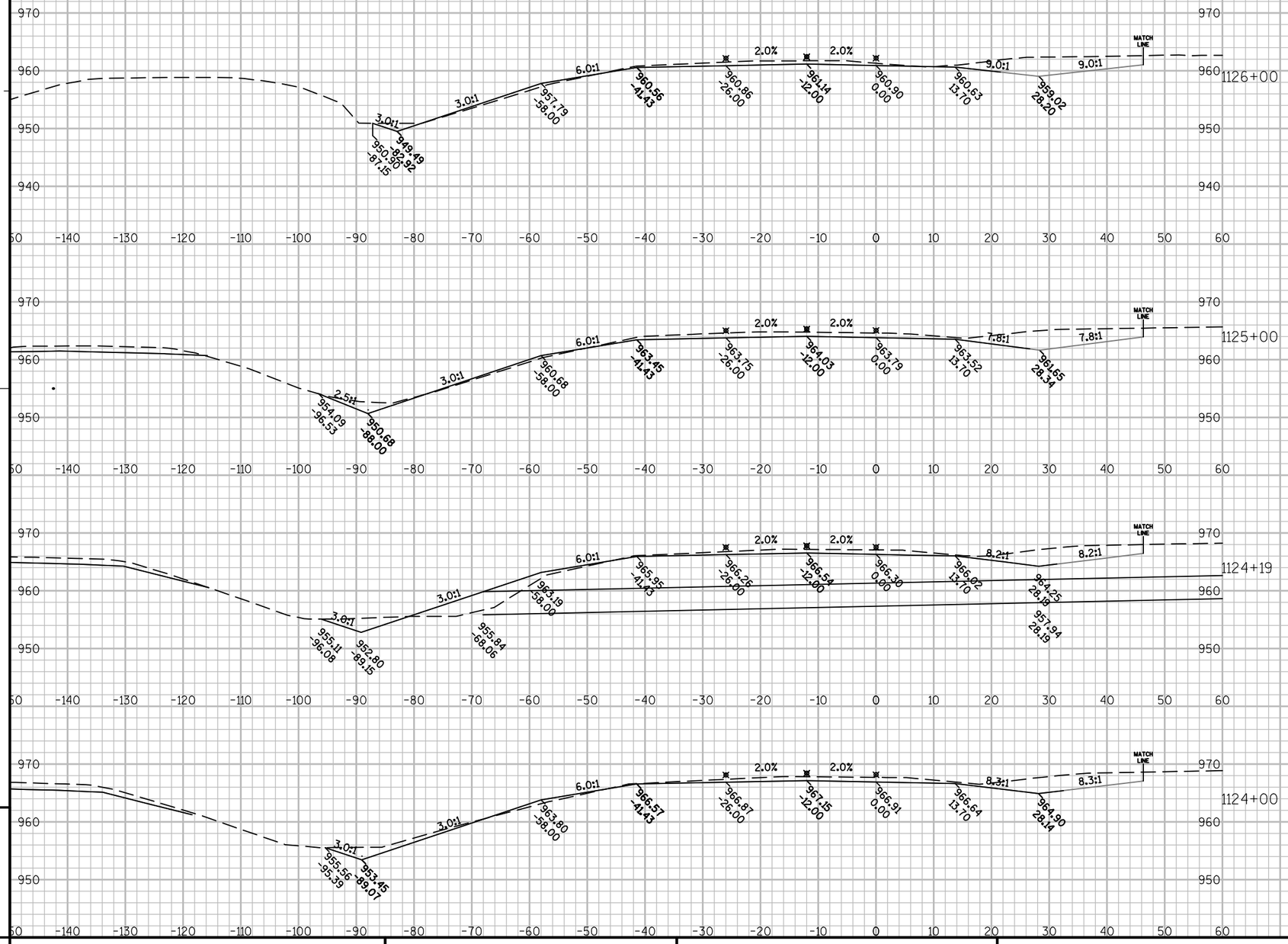
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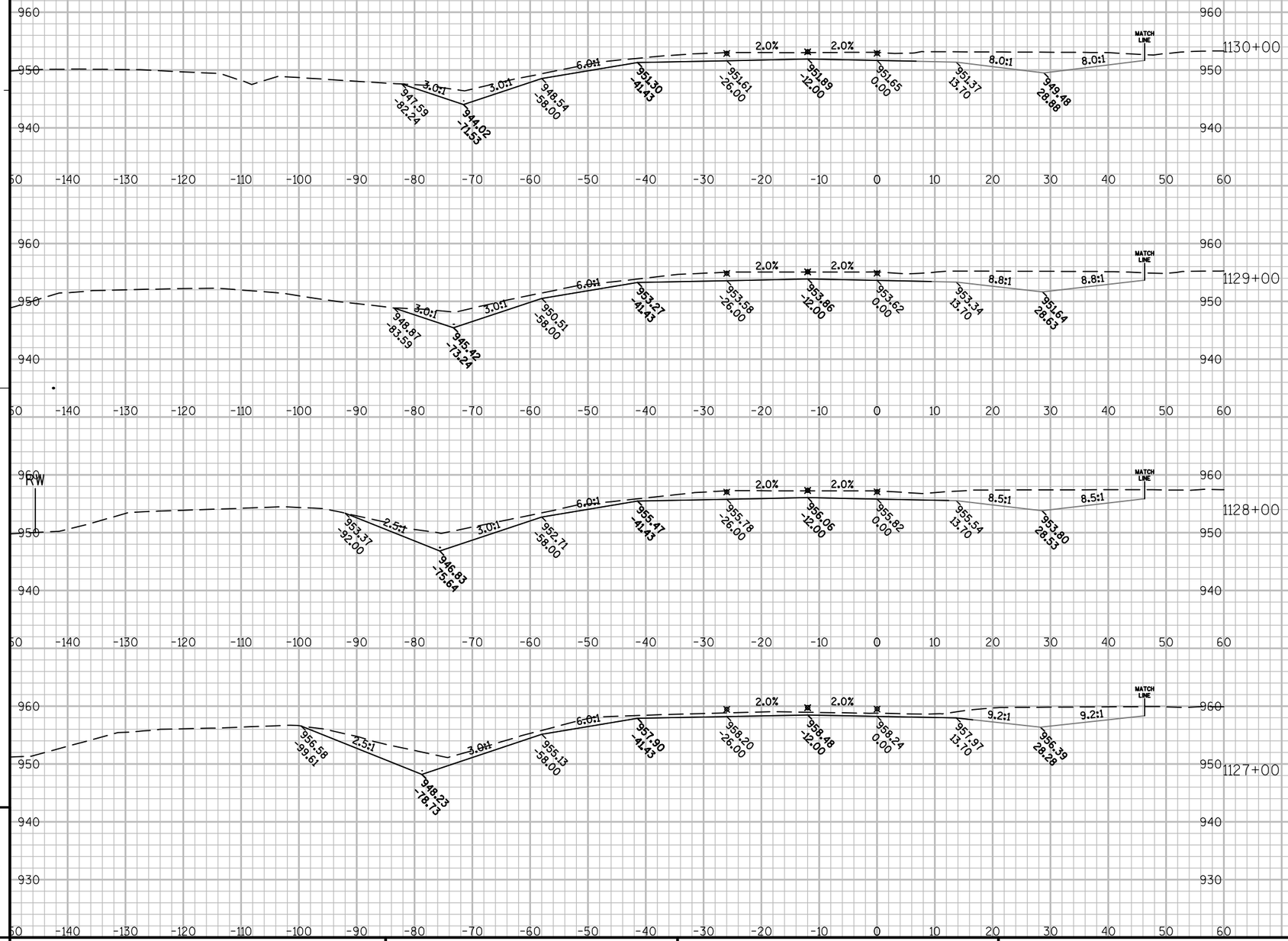
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

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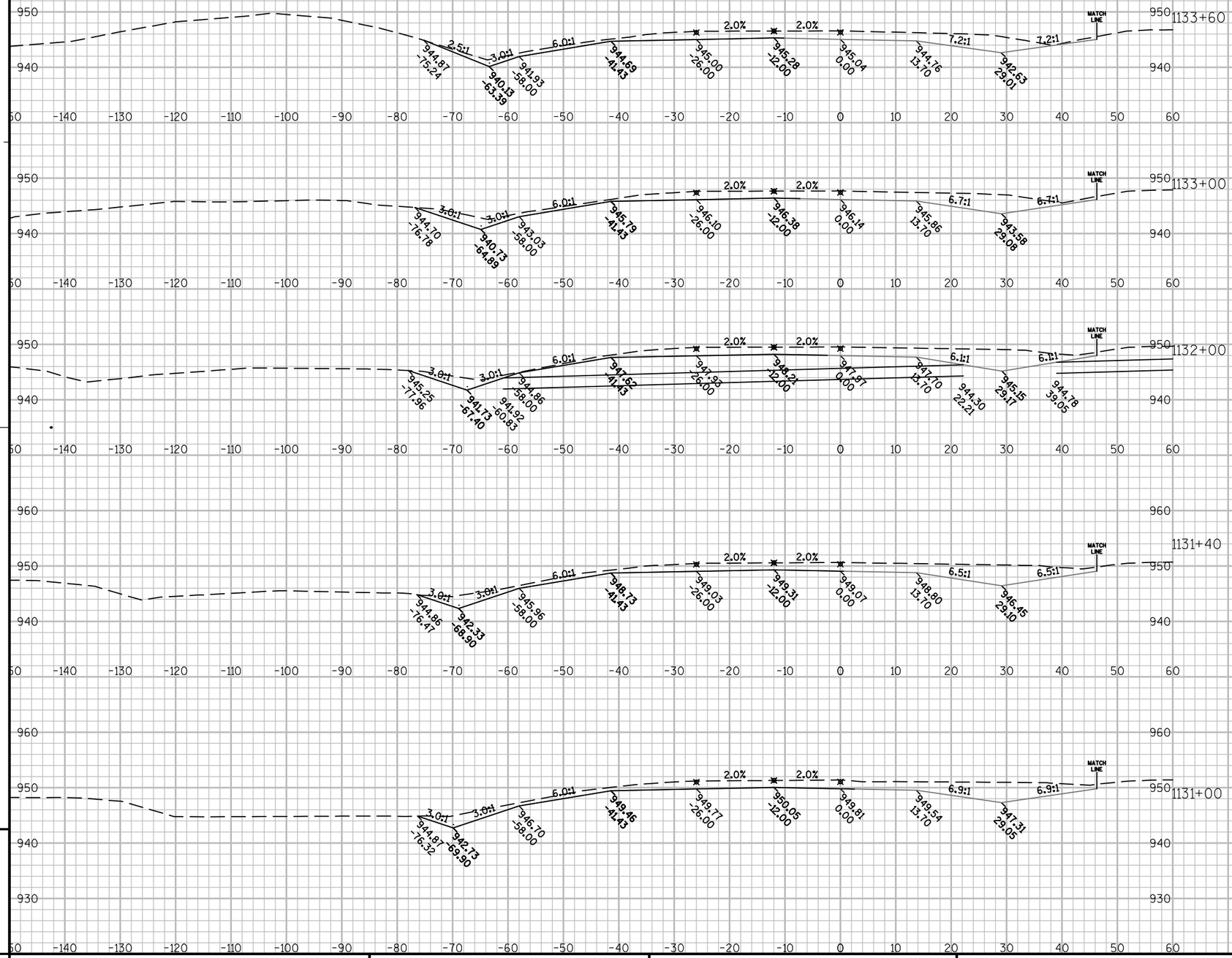
WISDOT/CADDS SHEET 49



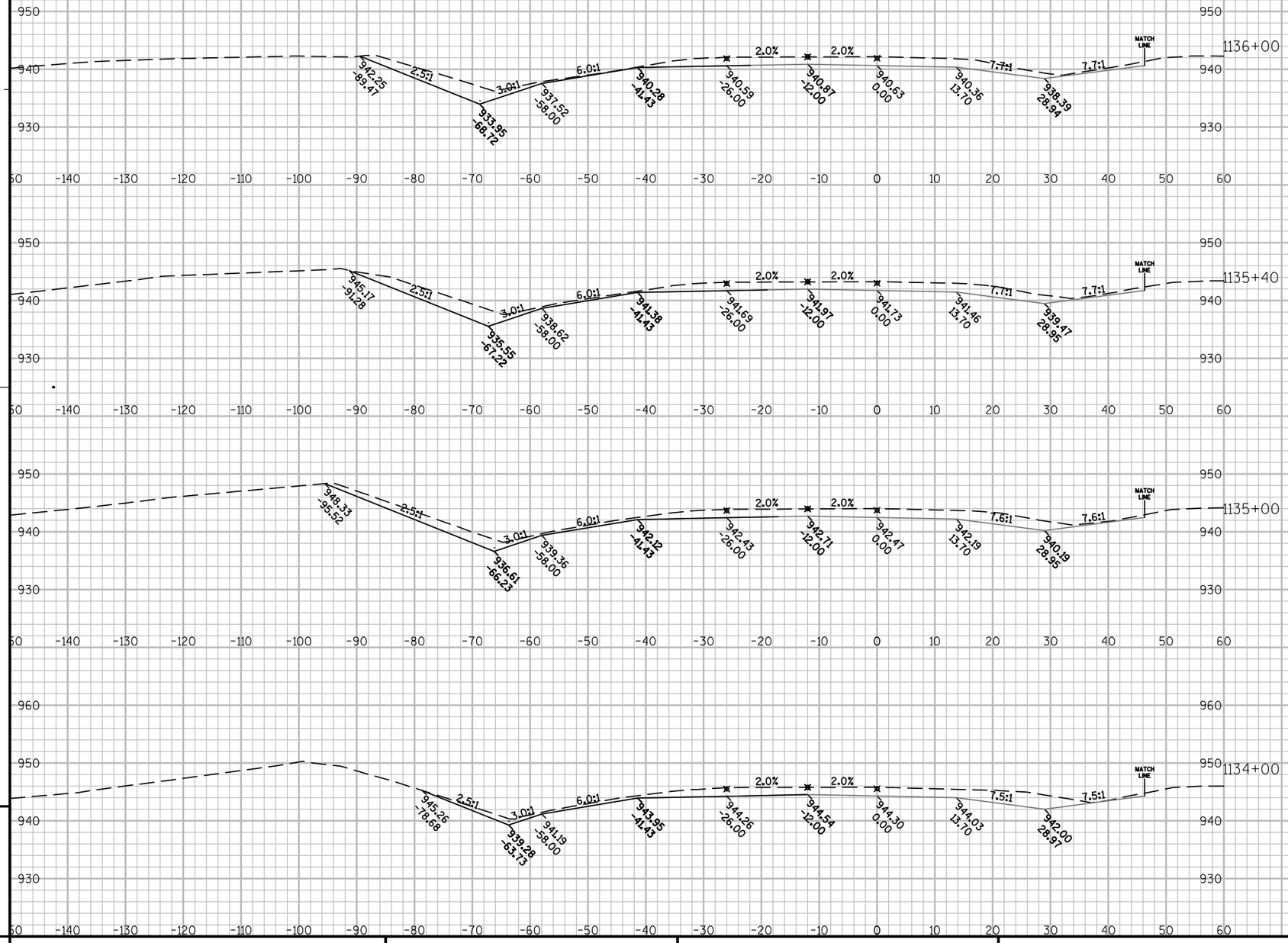
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

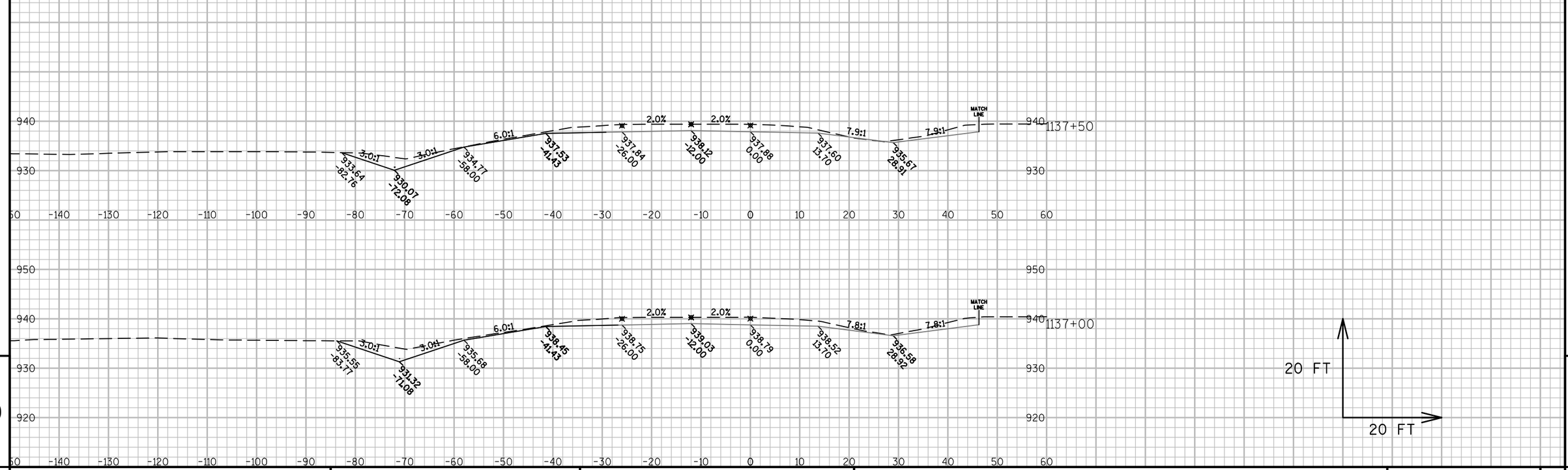


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E



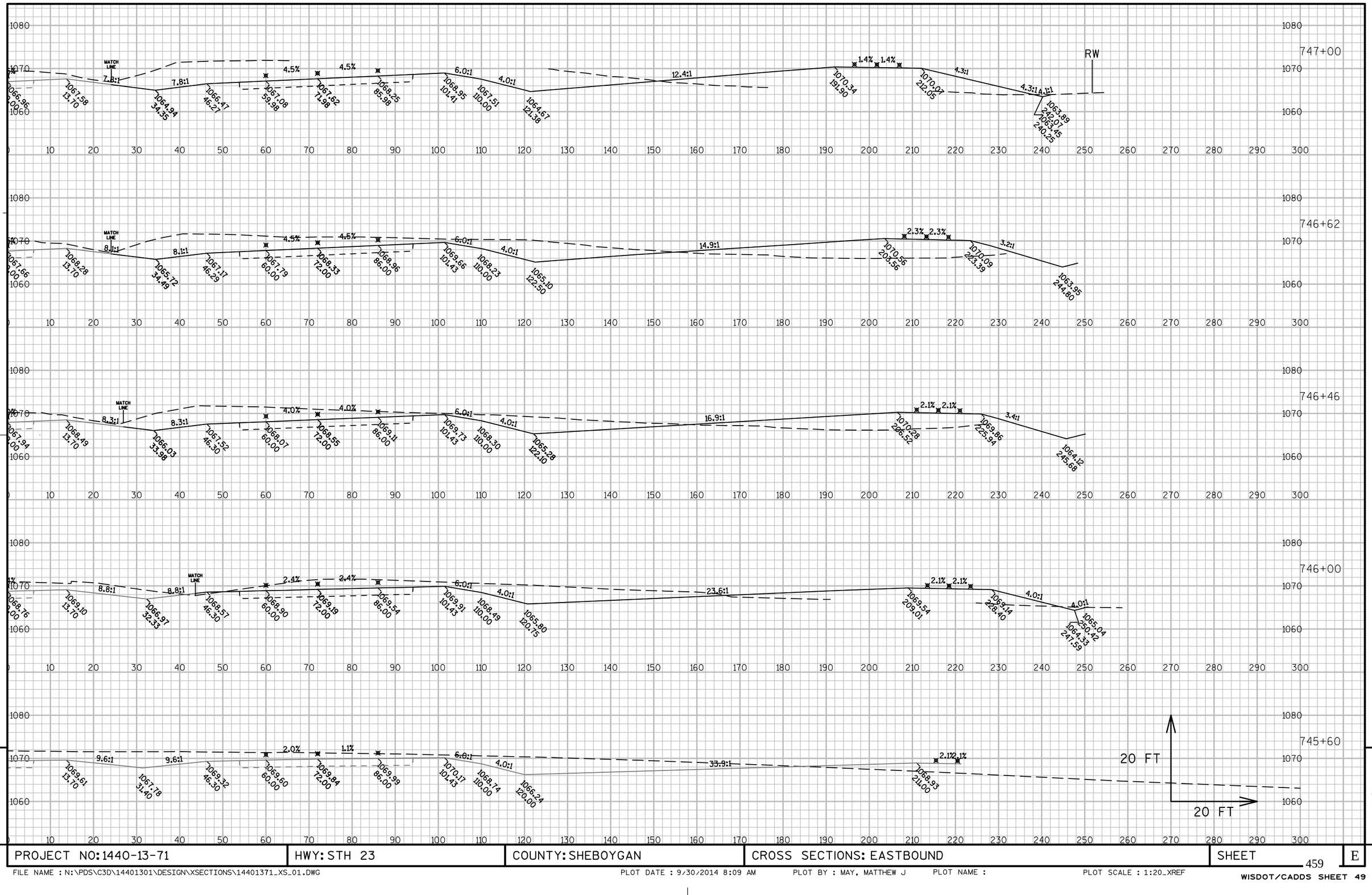
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_14.DWG PLOT DATE : 9/30/2014 8:04 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: WESTBOUND	SHEET	E

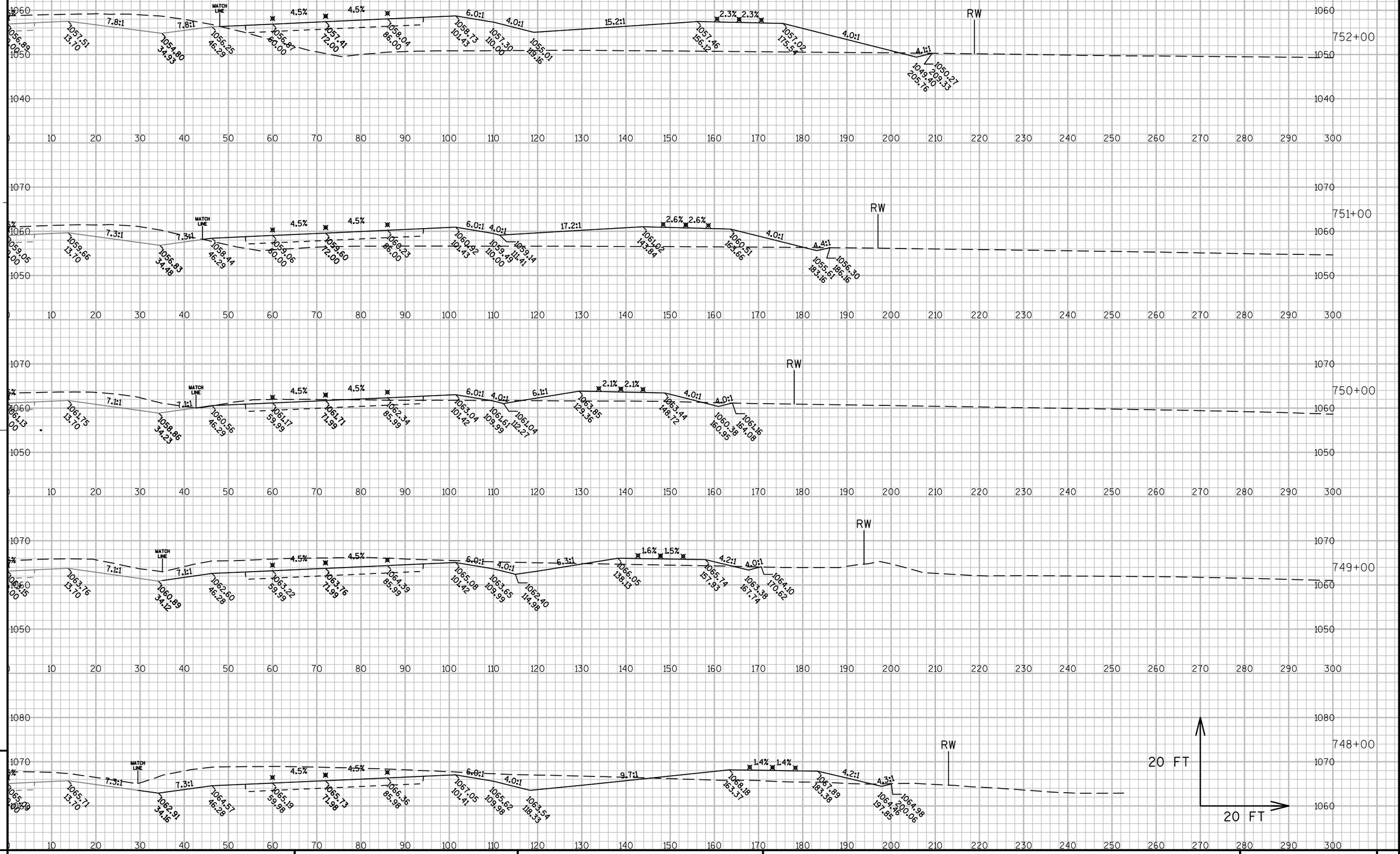
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 459	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 8:09 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



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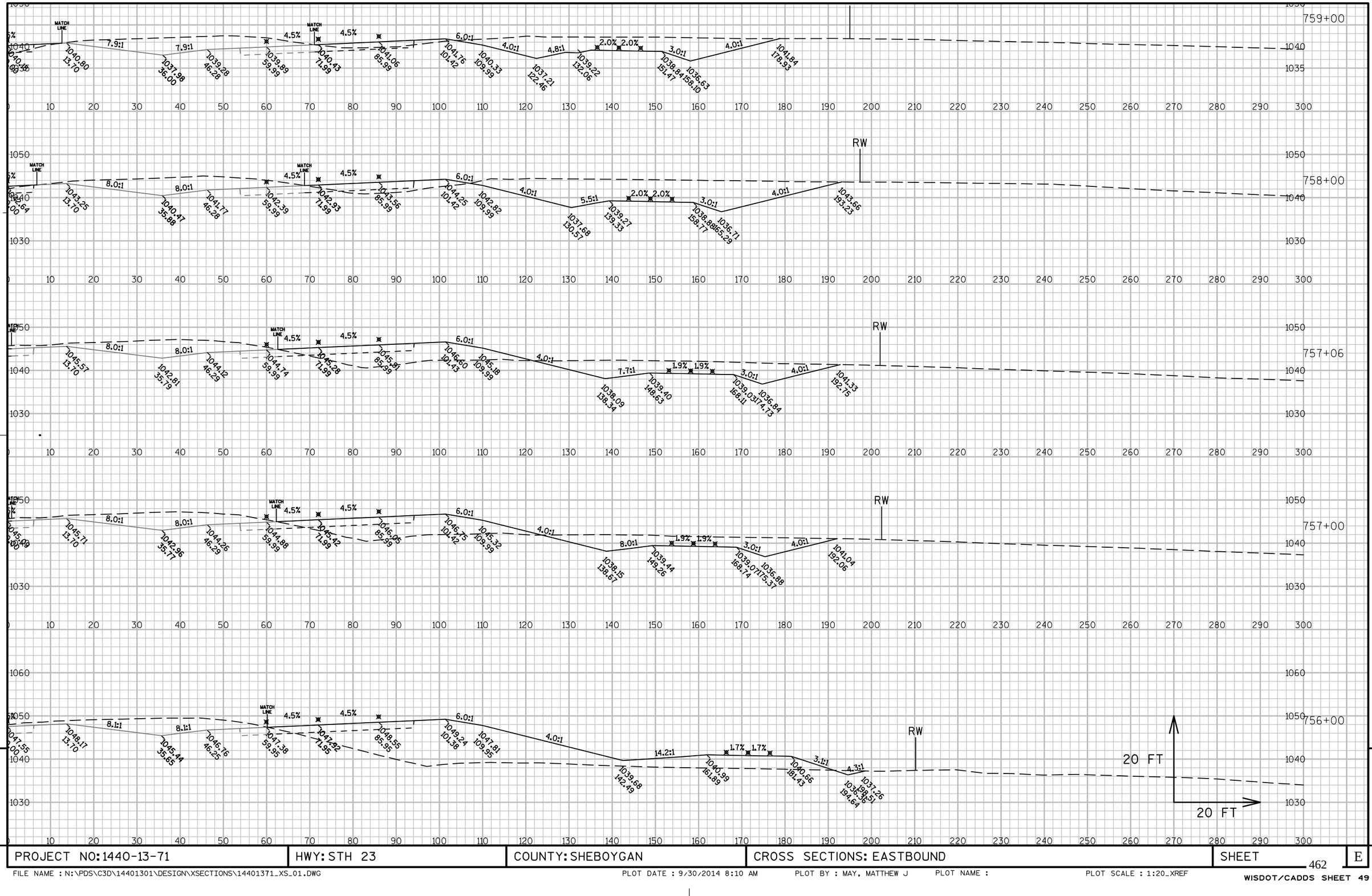
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 460	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 8:09 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

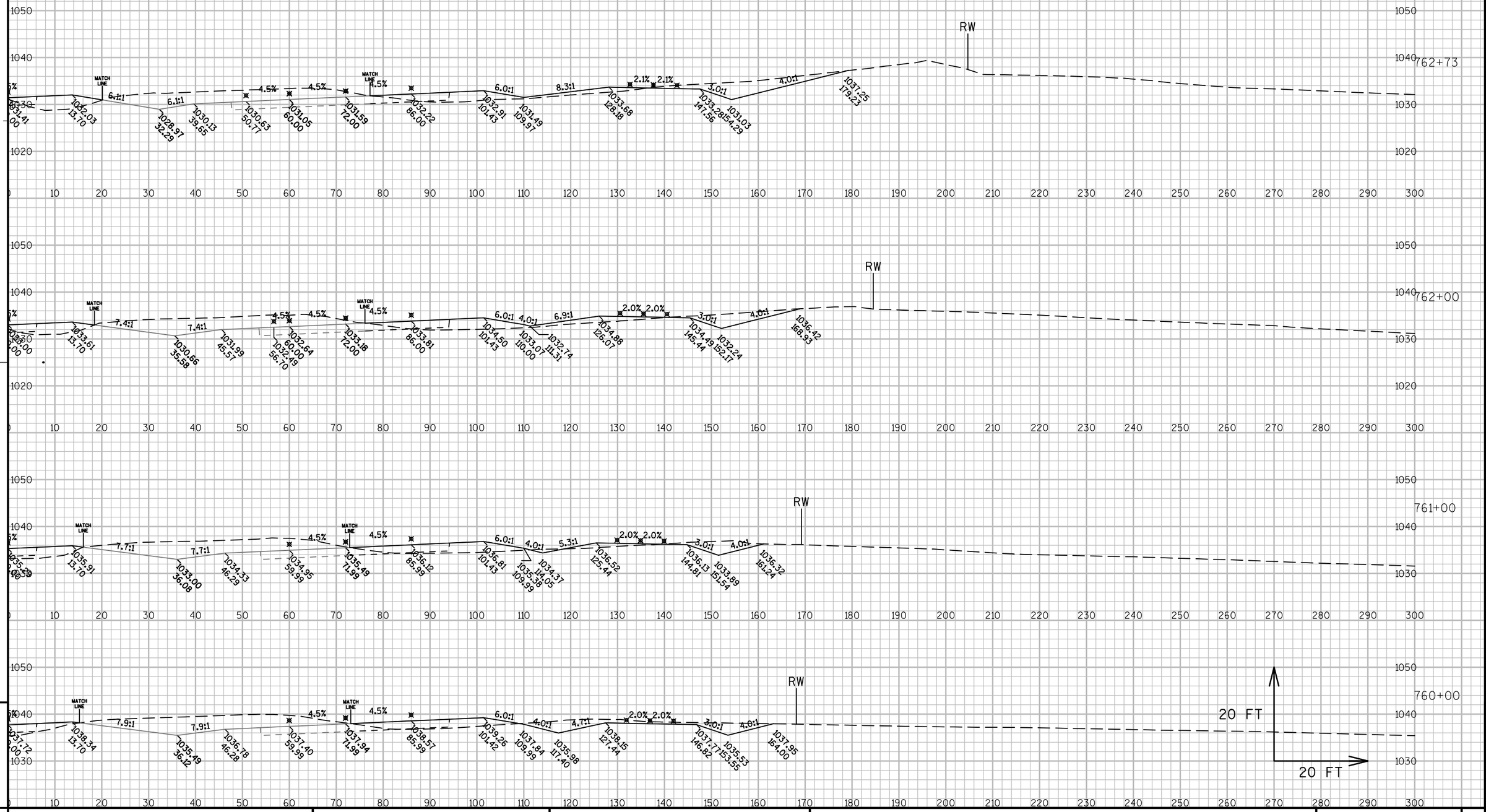
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 8:09 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

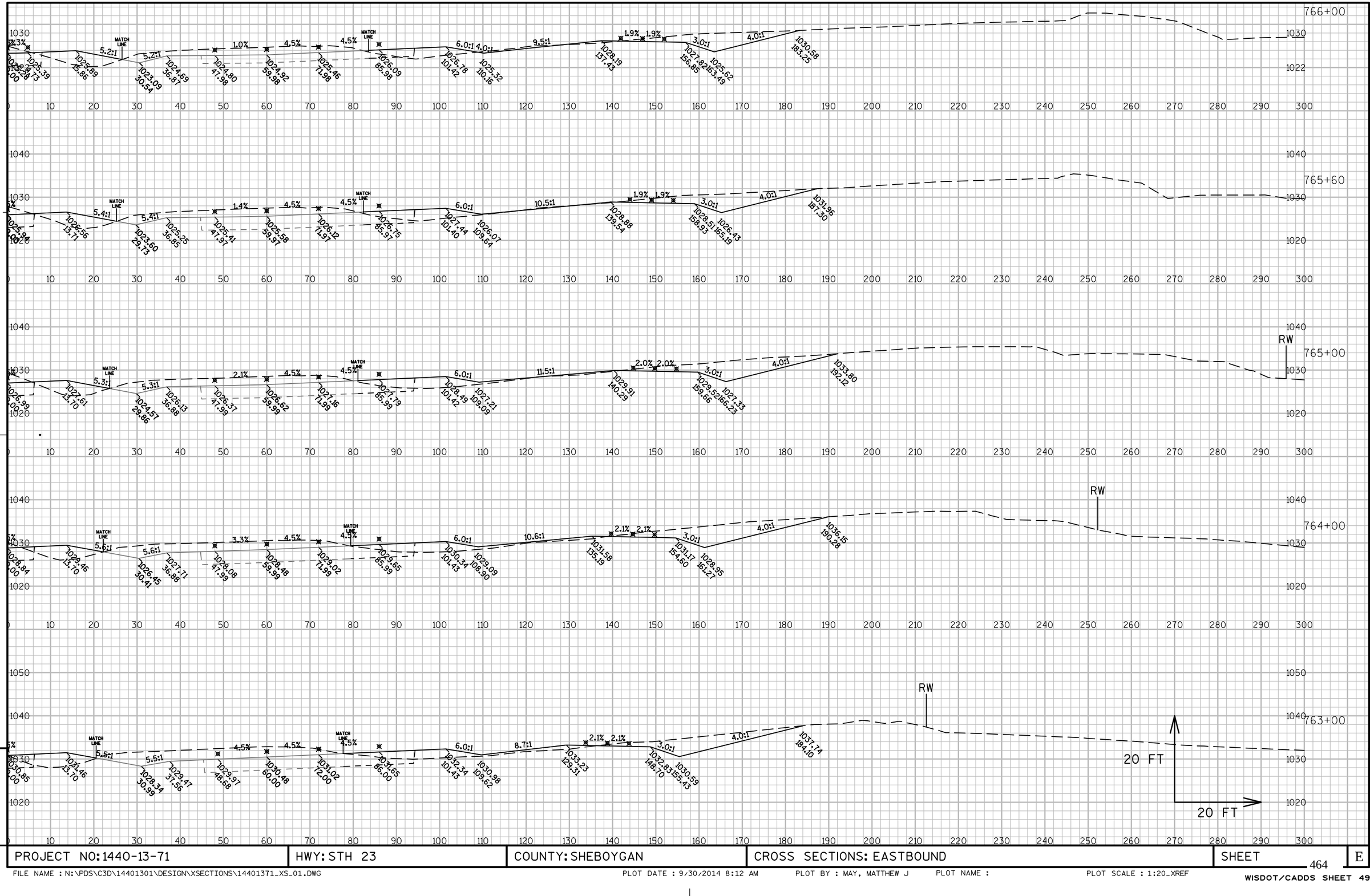
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

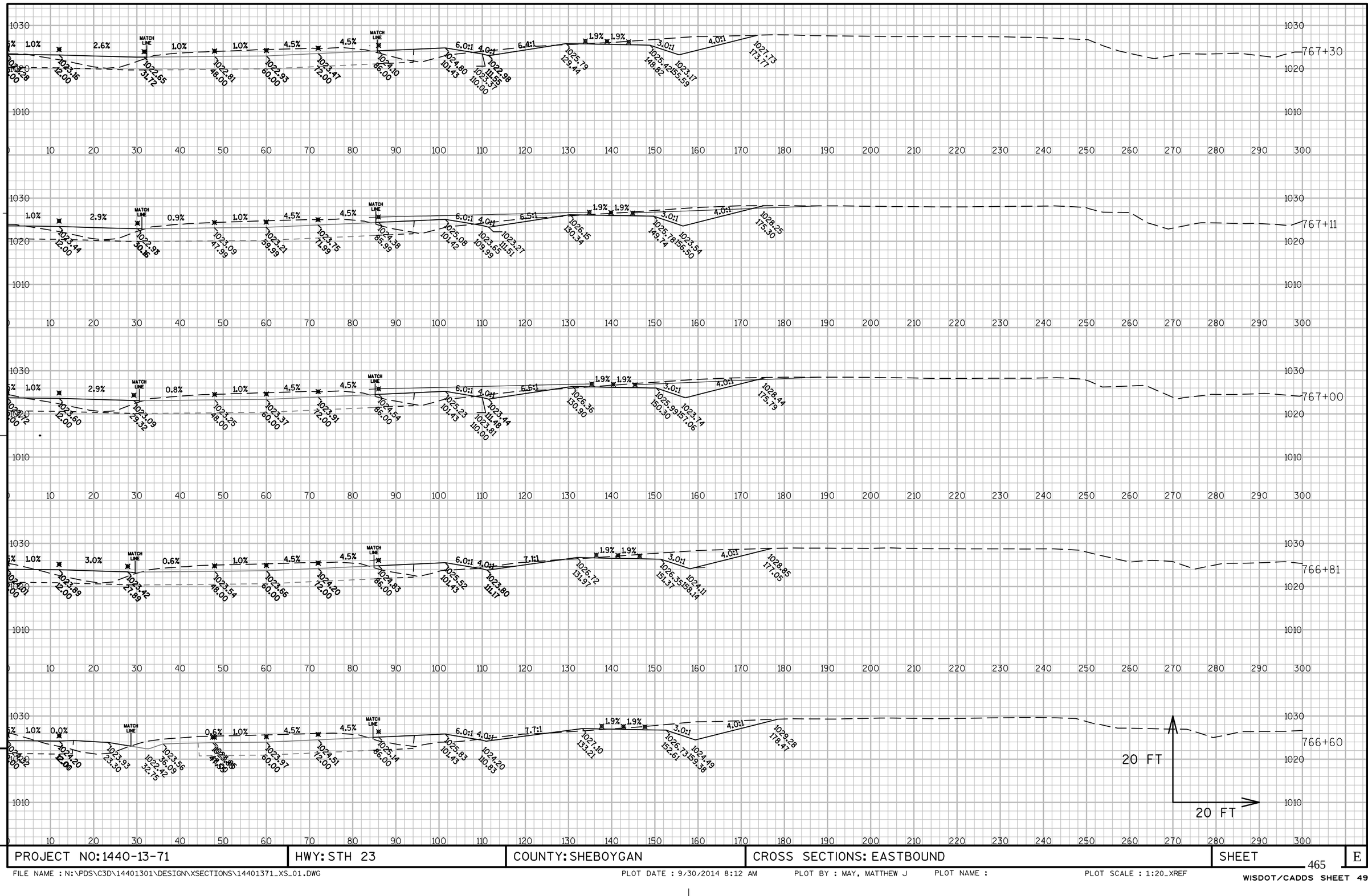
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 464	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 8:12 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



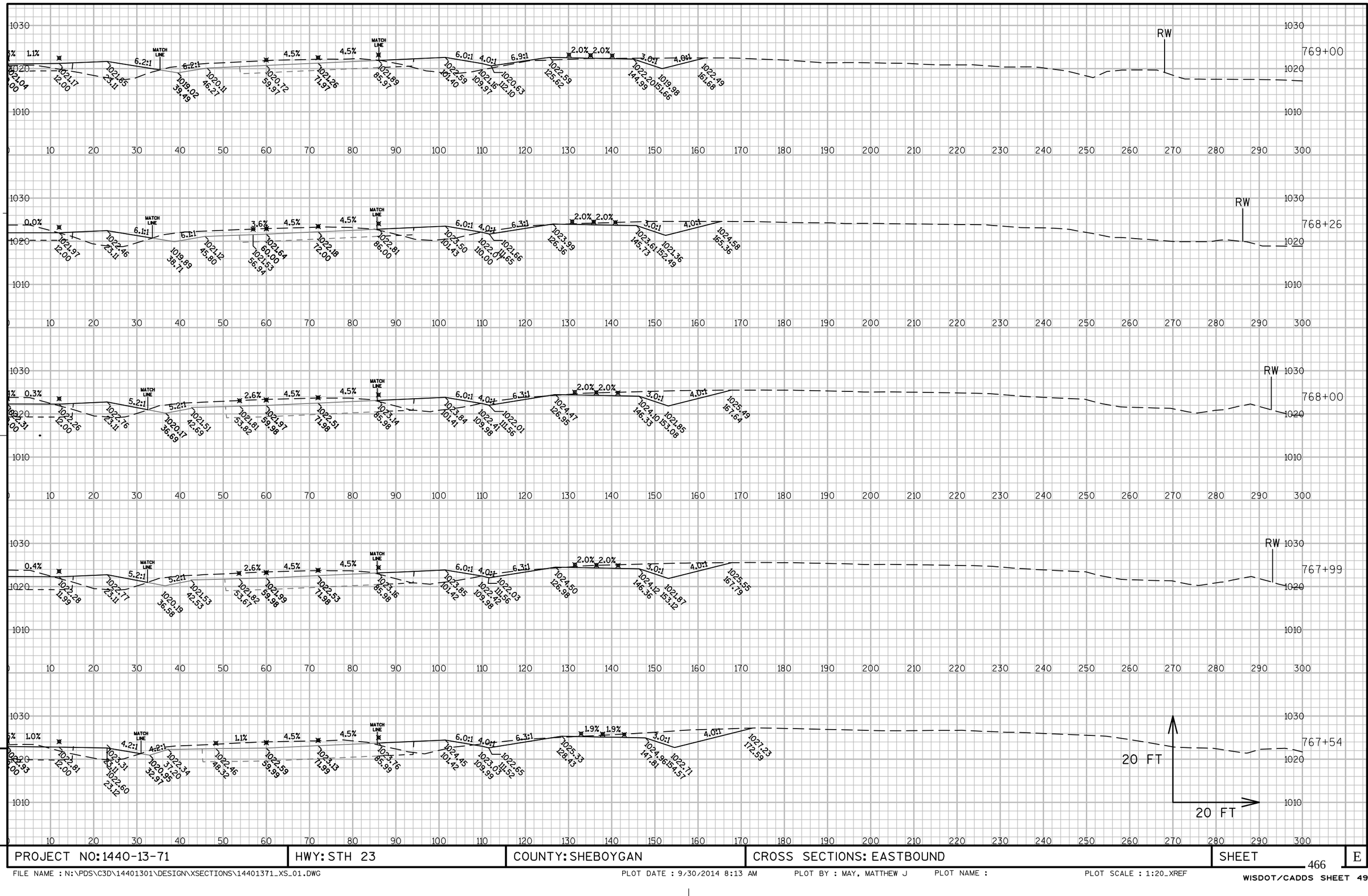
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 8:12 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



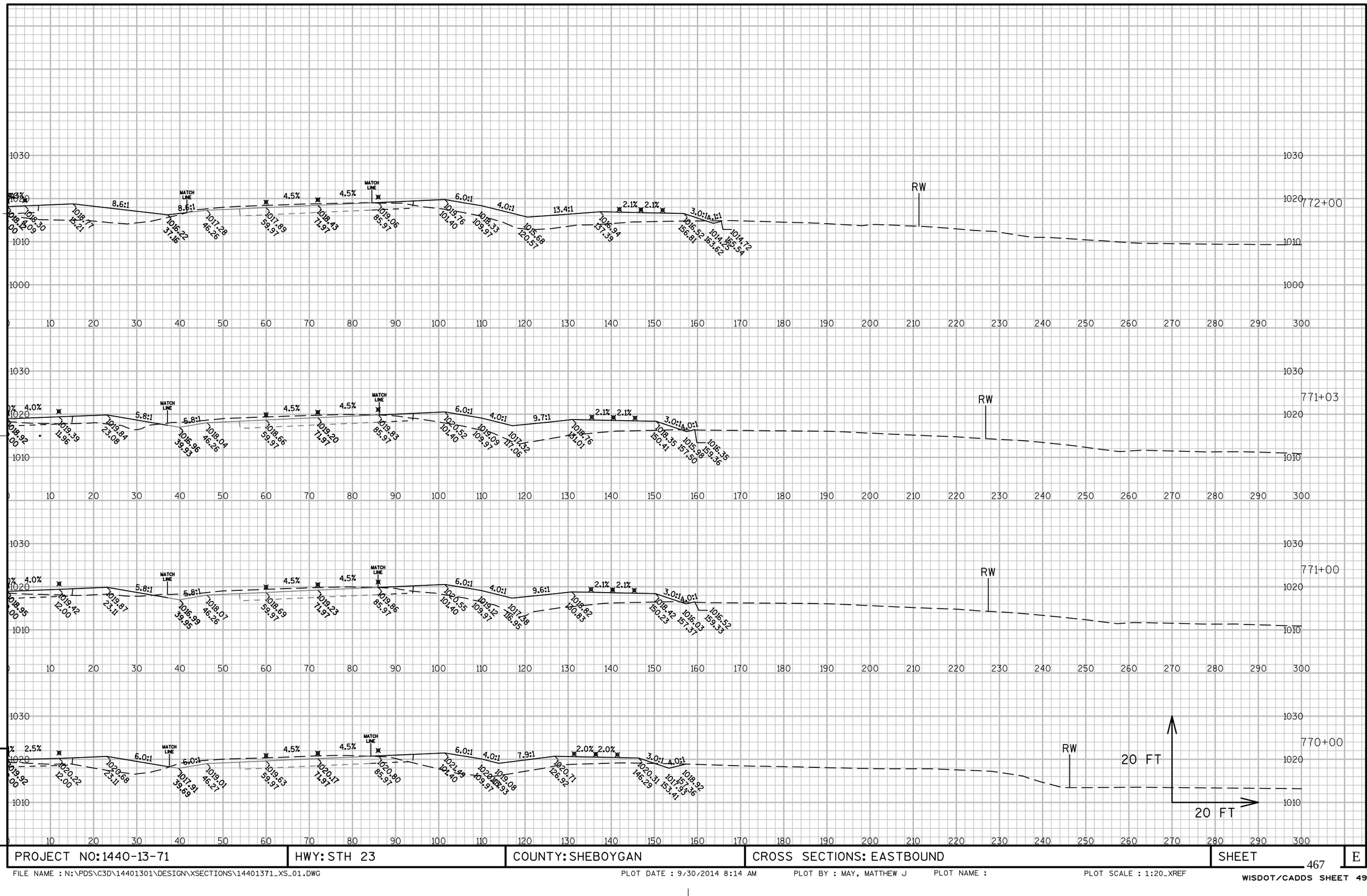
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 8:13 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



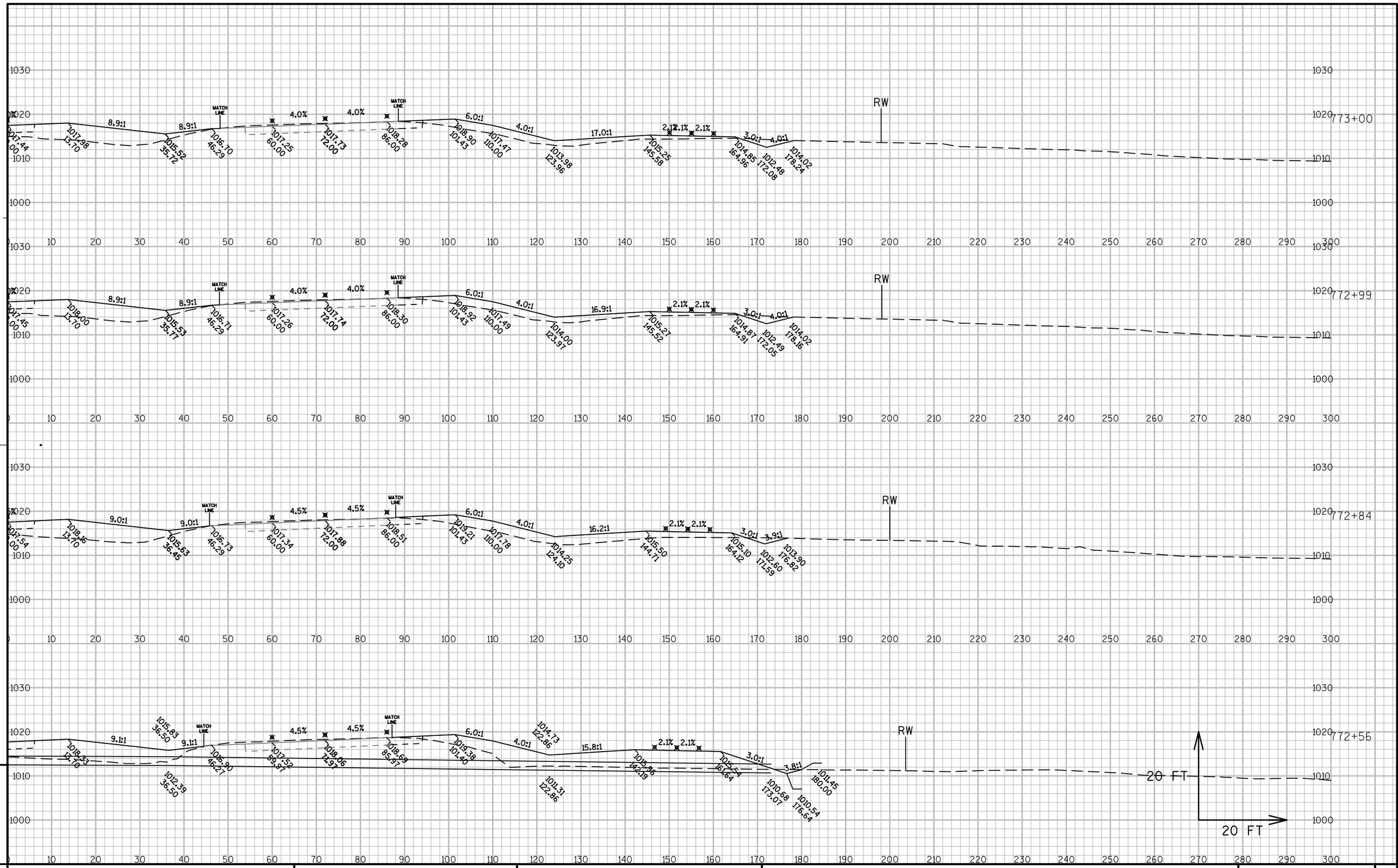
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 467	E

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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 8:14 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

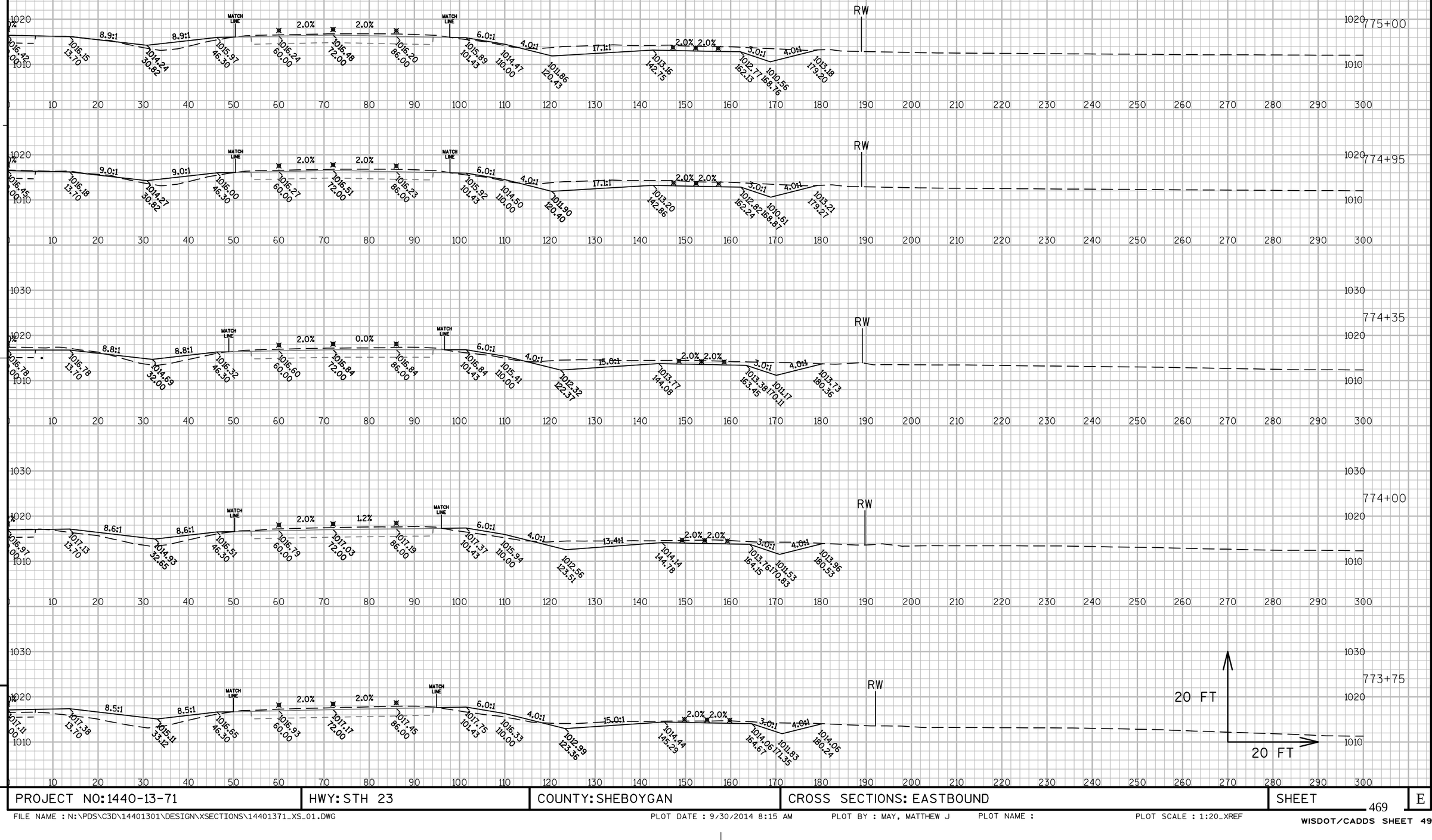
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 468	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 8:15 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

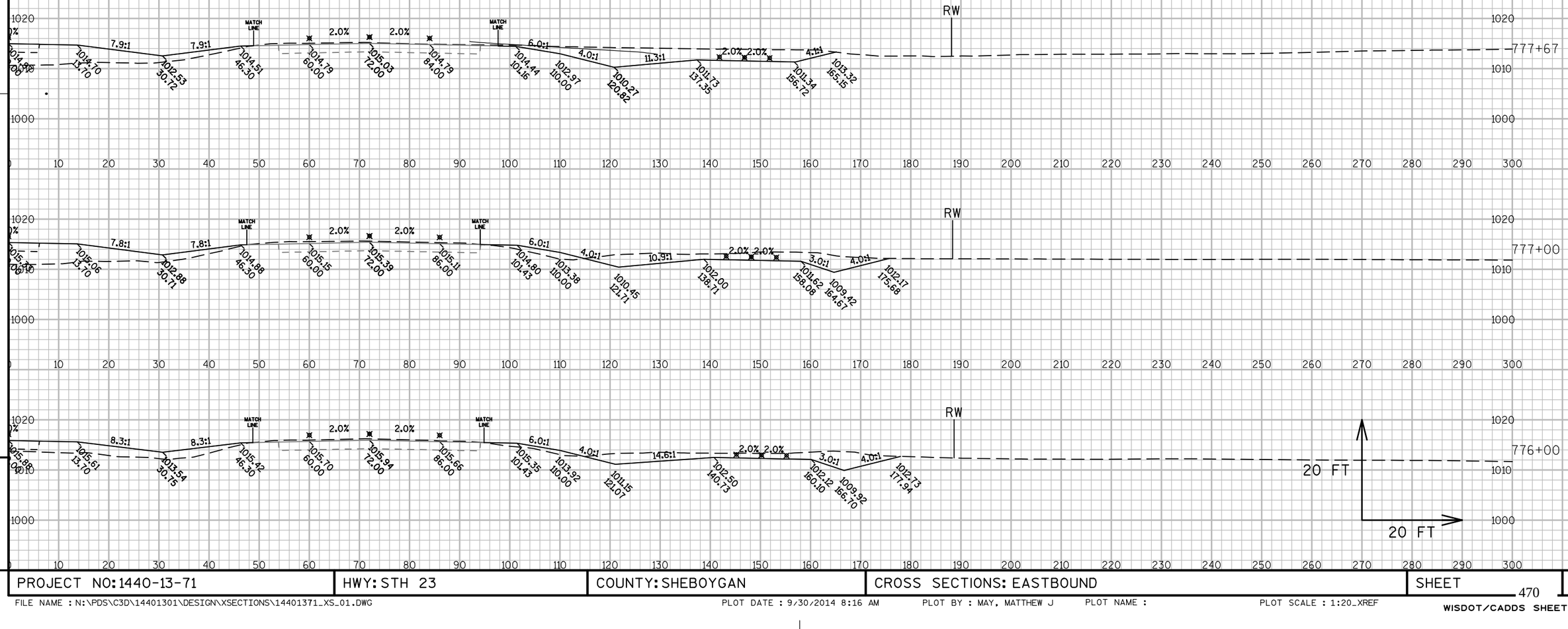
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 469	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 8:15 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

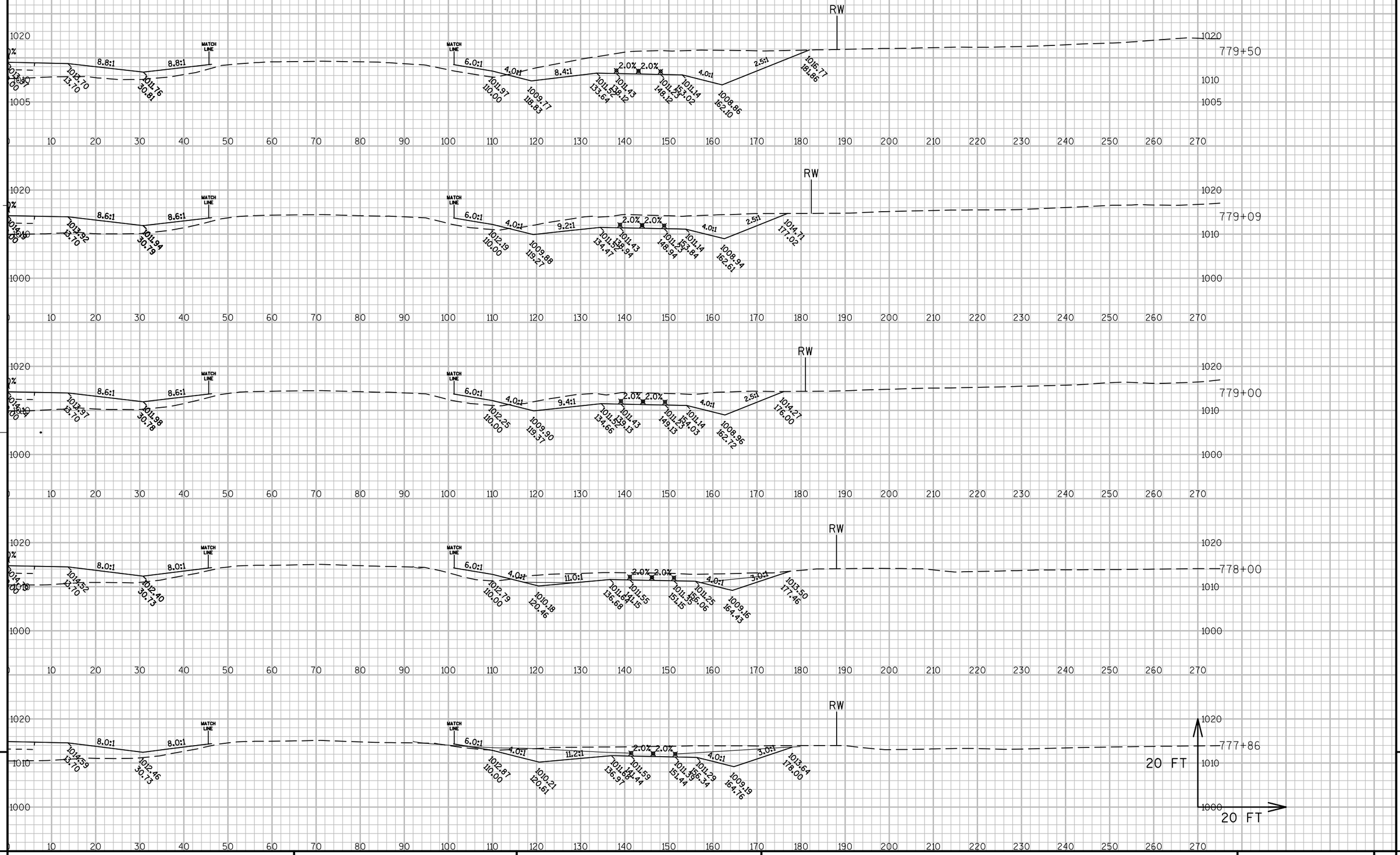
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 470	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_01.DWG PLOT DATE : 9/30/2014 8:16 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

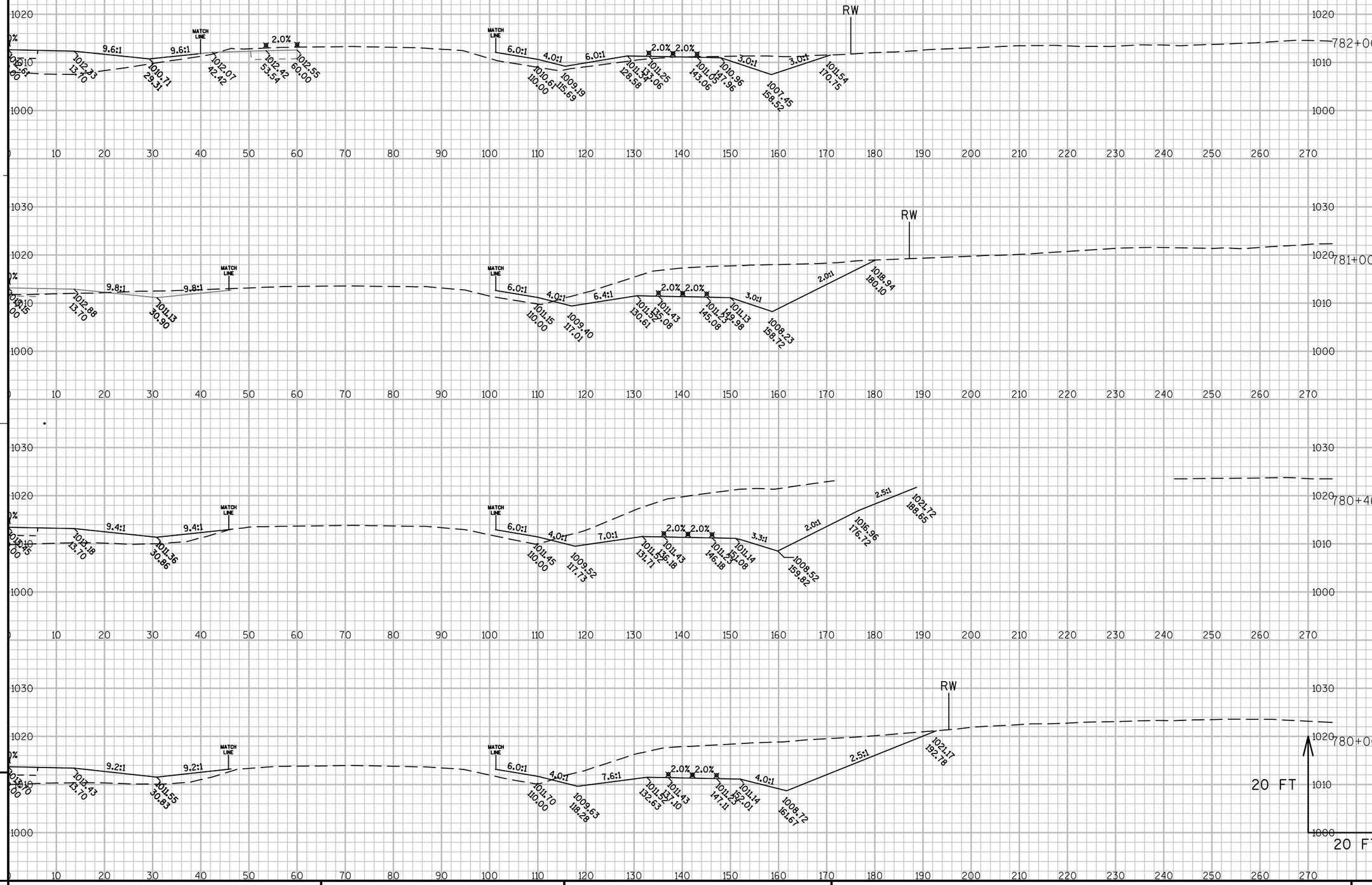
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 471	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_02.DWG PLOT DATE : 9/30/2014 8:18 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

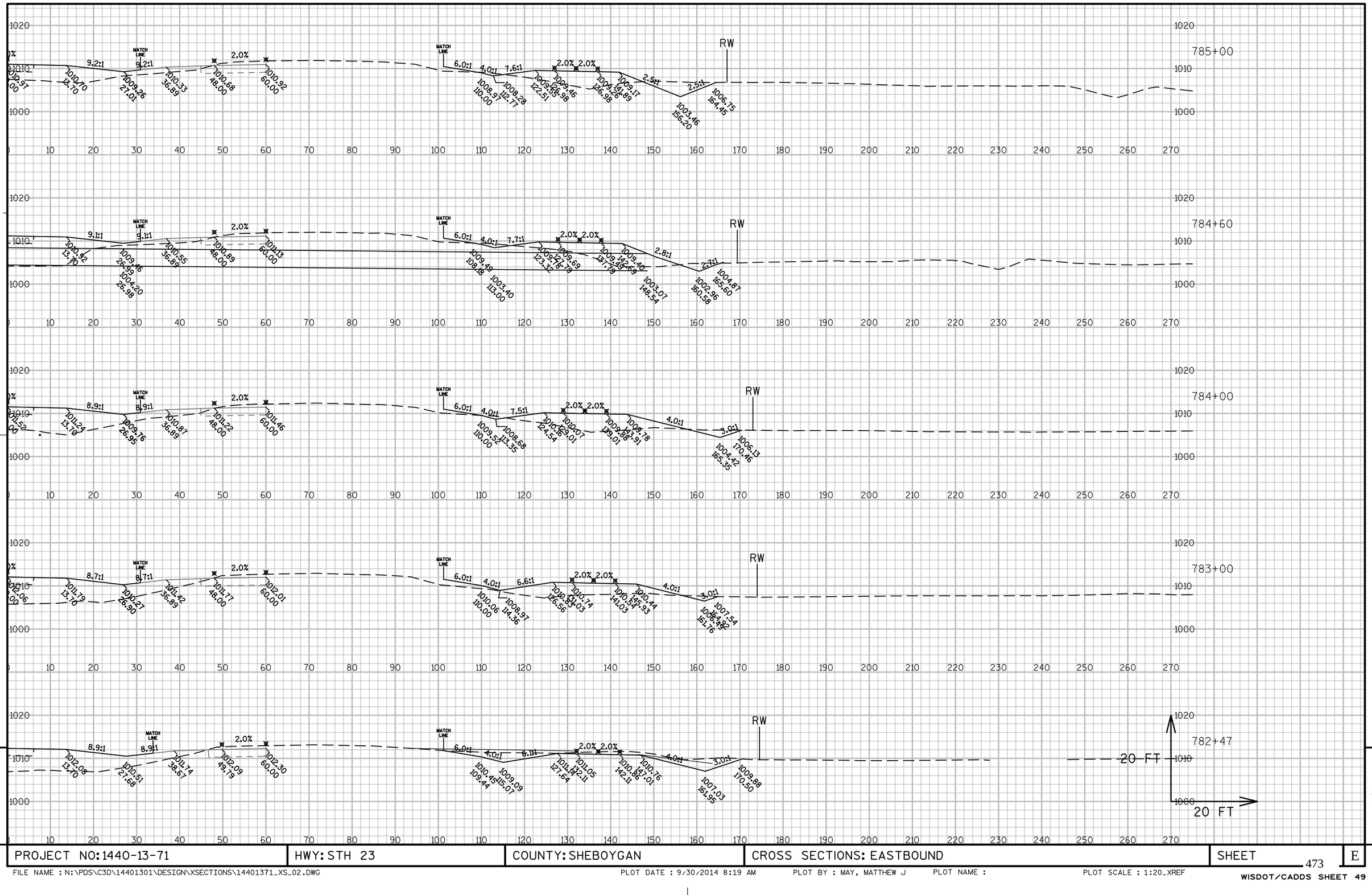
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

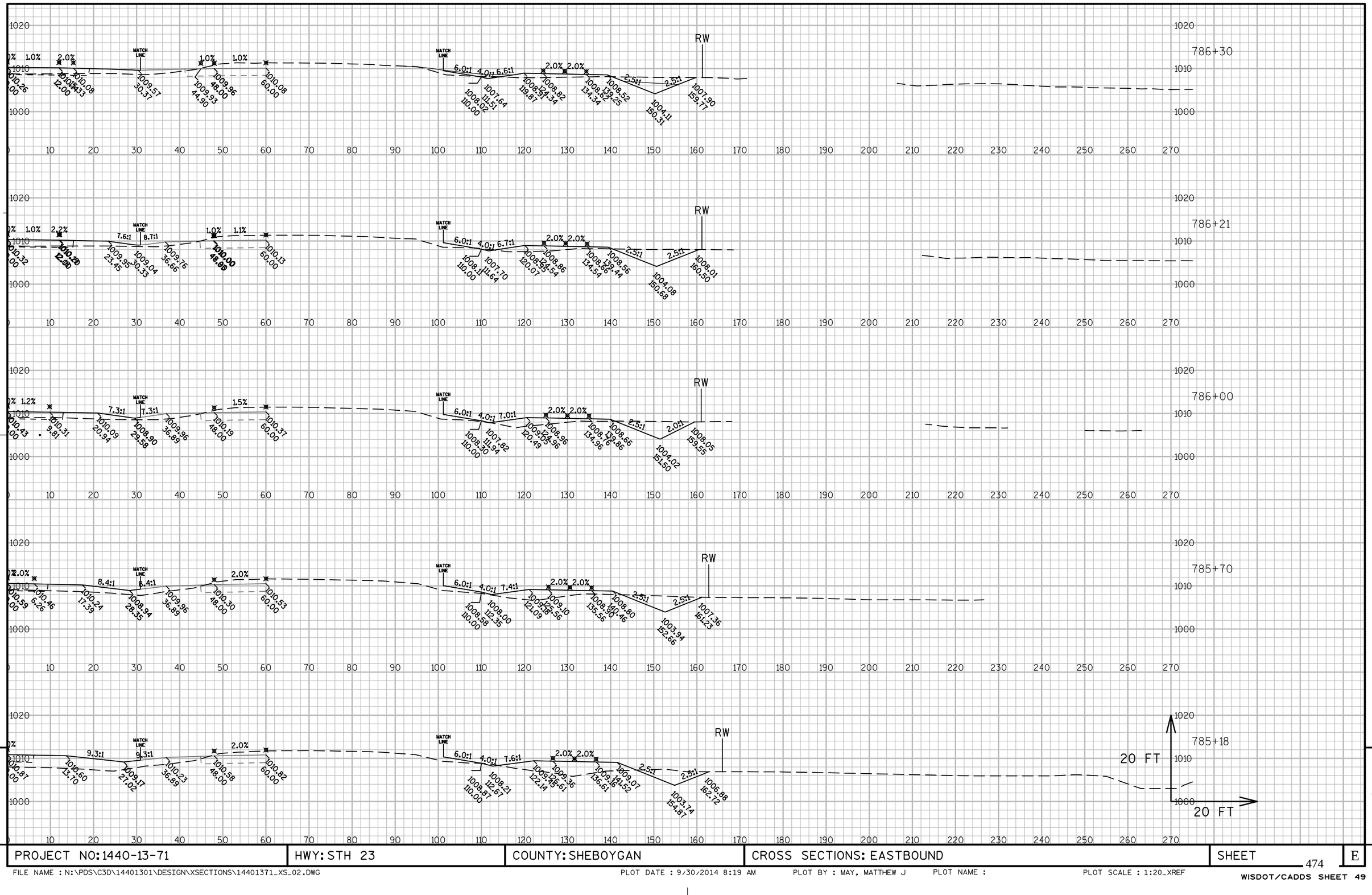
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

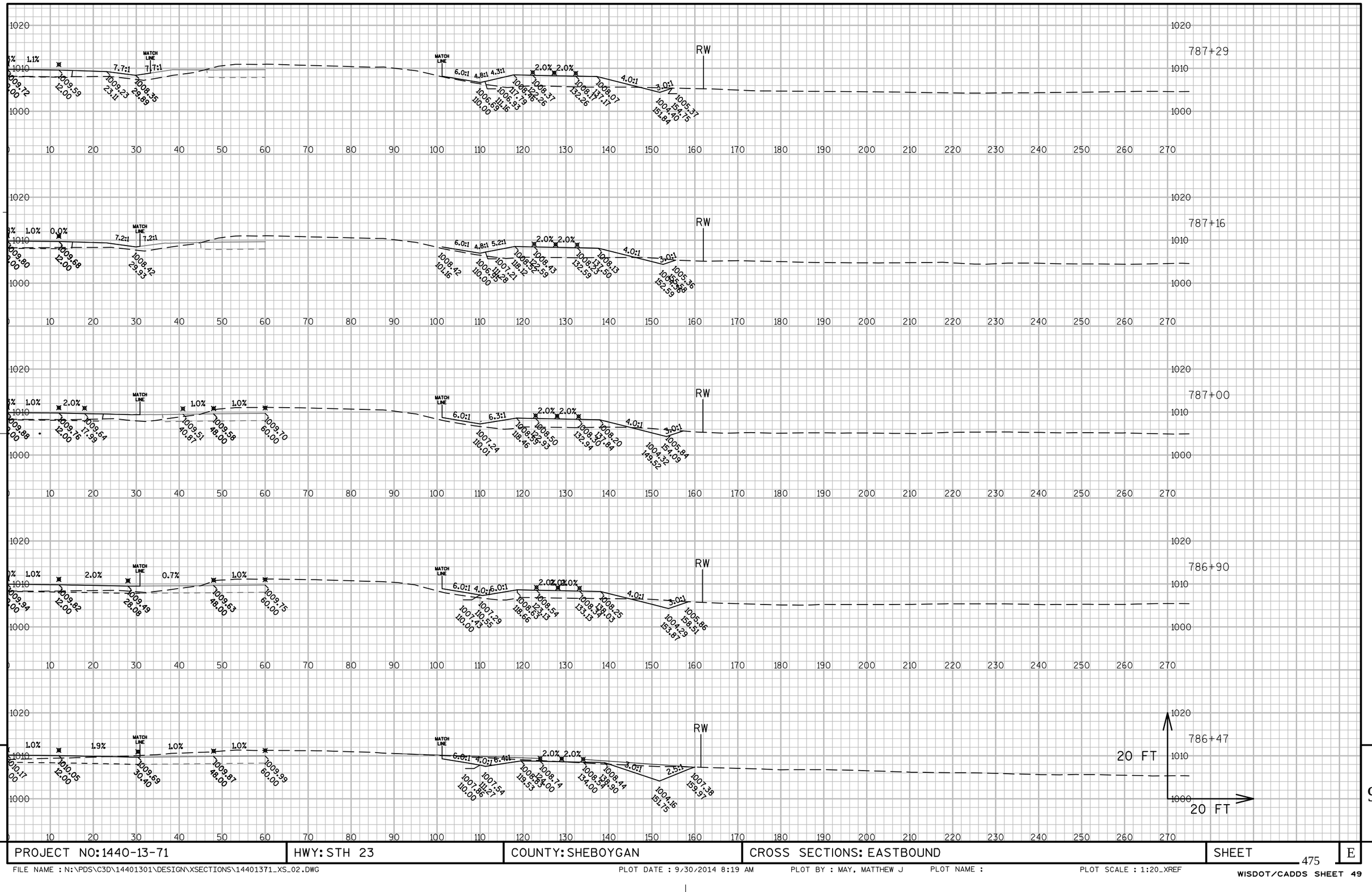
FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_02.DWG PLOT DATE : 9/30/2014 8:19 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 474	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_02.DWG PLOT DATE : 9/30/2014 8:19 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

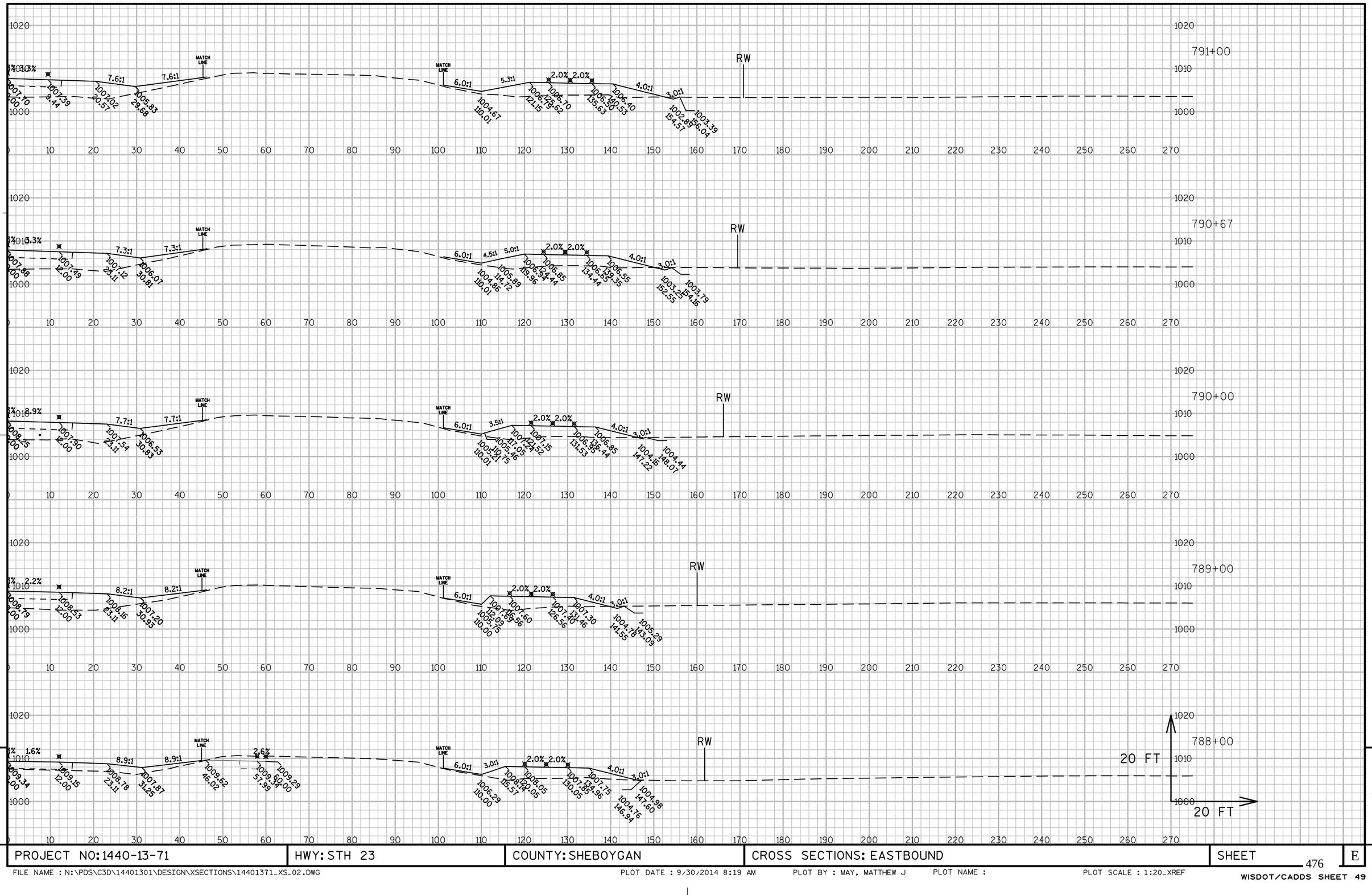
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 475 E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_02.DWG PLOT DATE : 9/30/2014 8:19 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

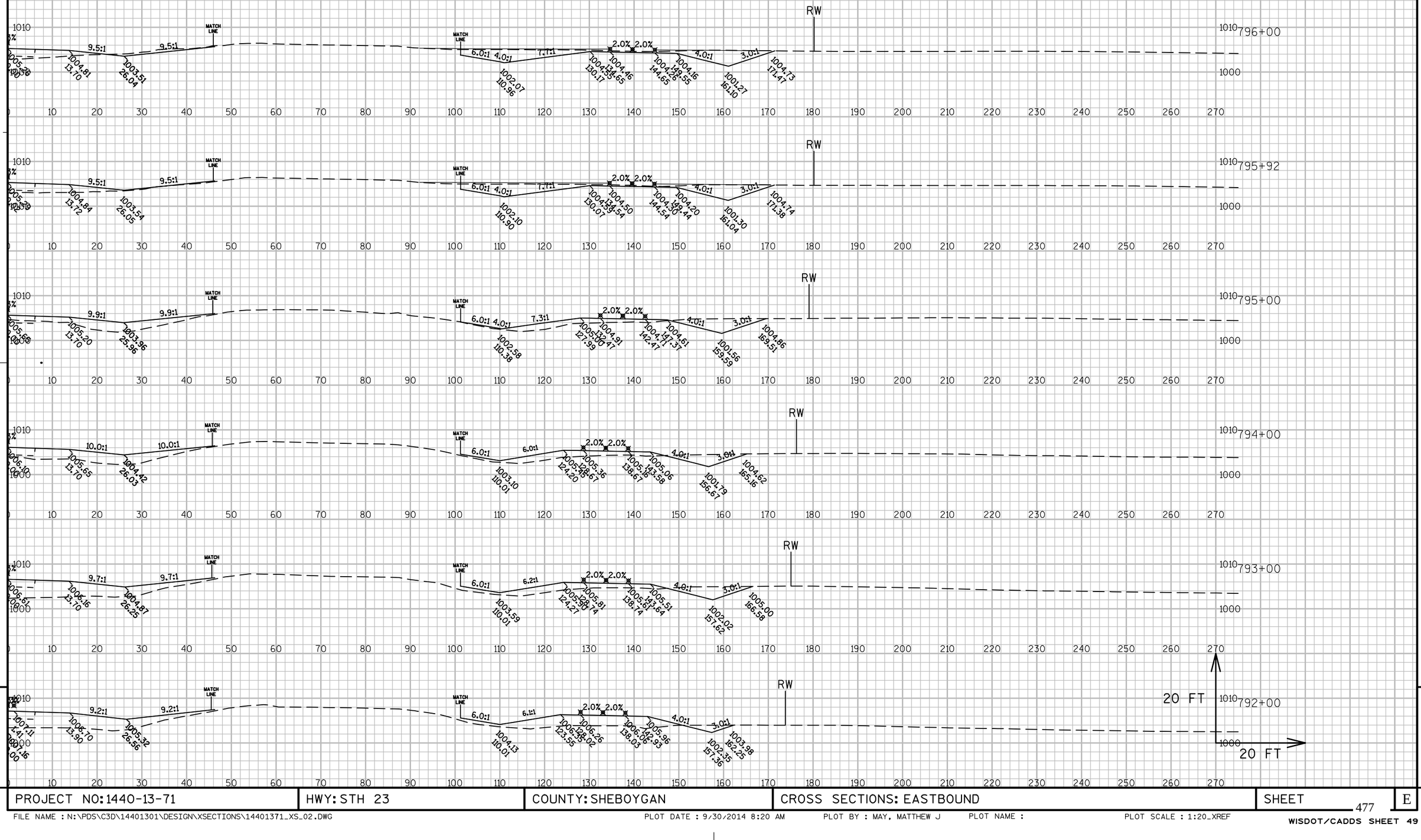
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

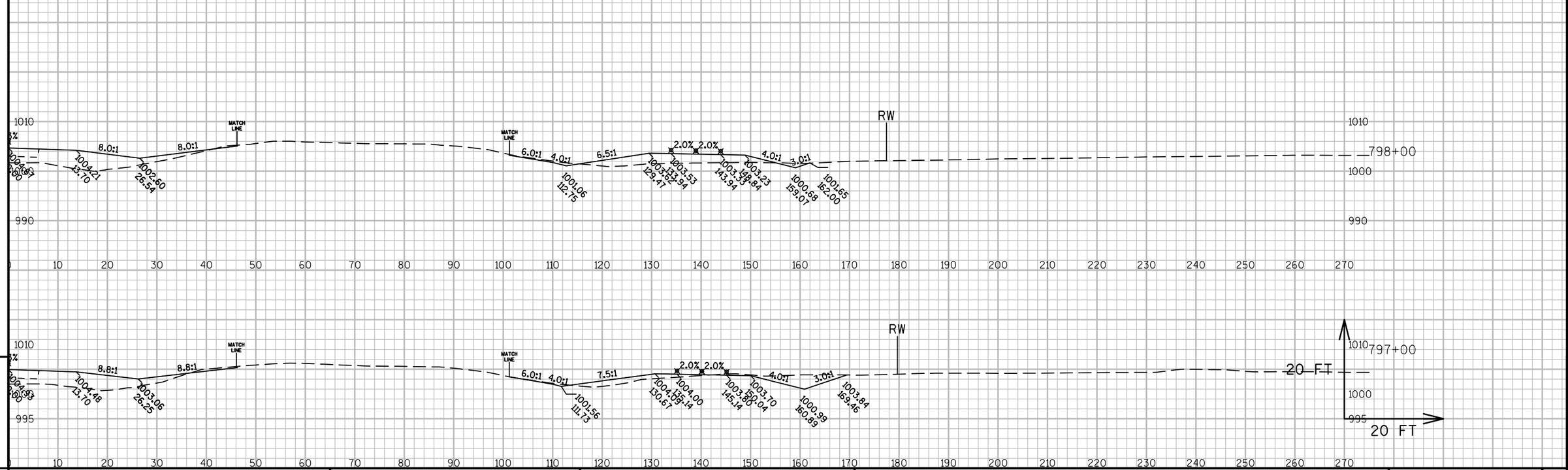
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_02.DWG PLOT DATE : 9/30/2014 8:20 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

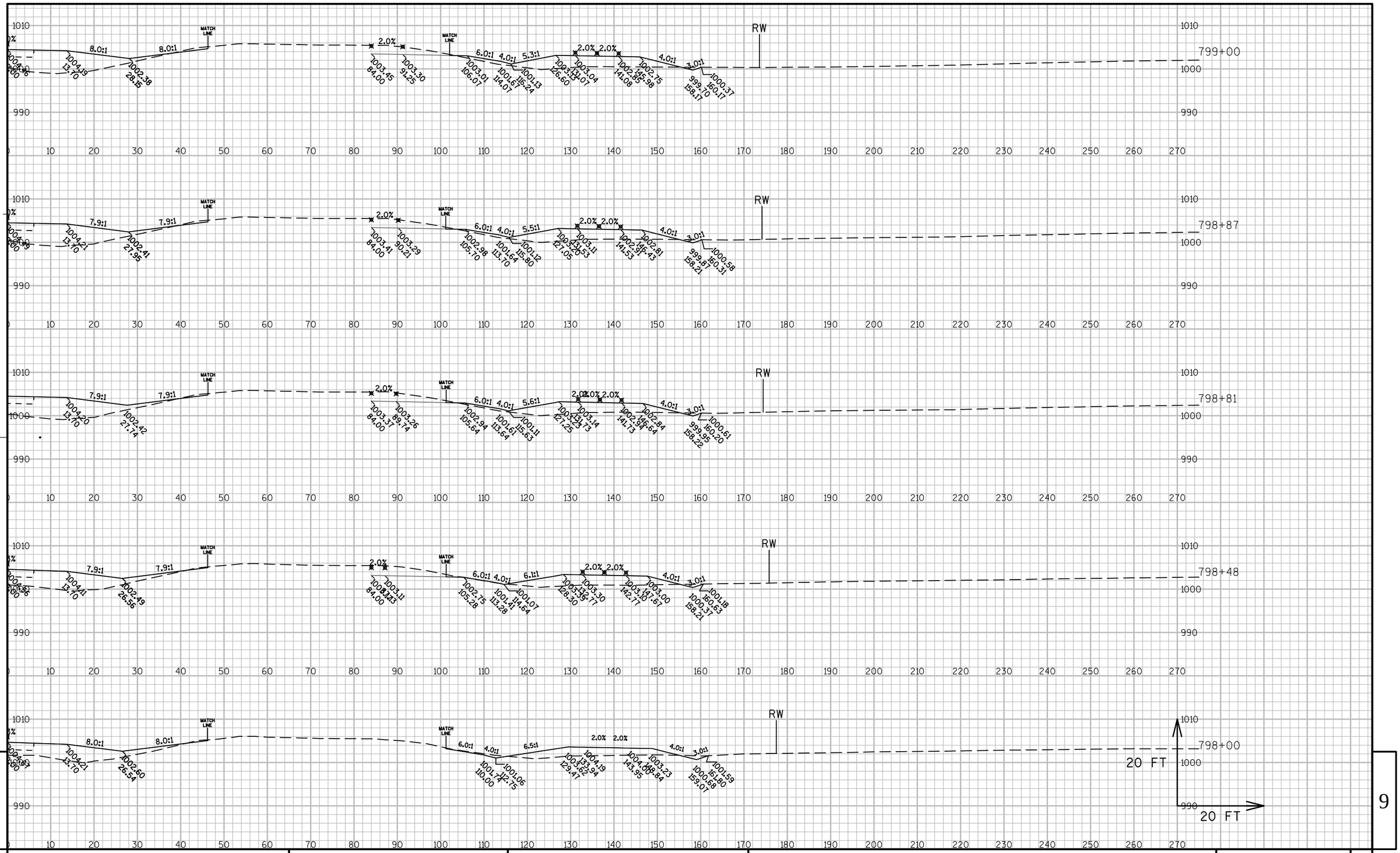


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

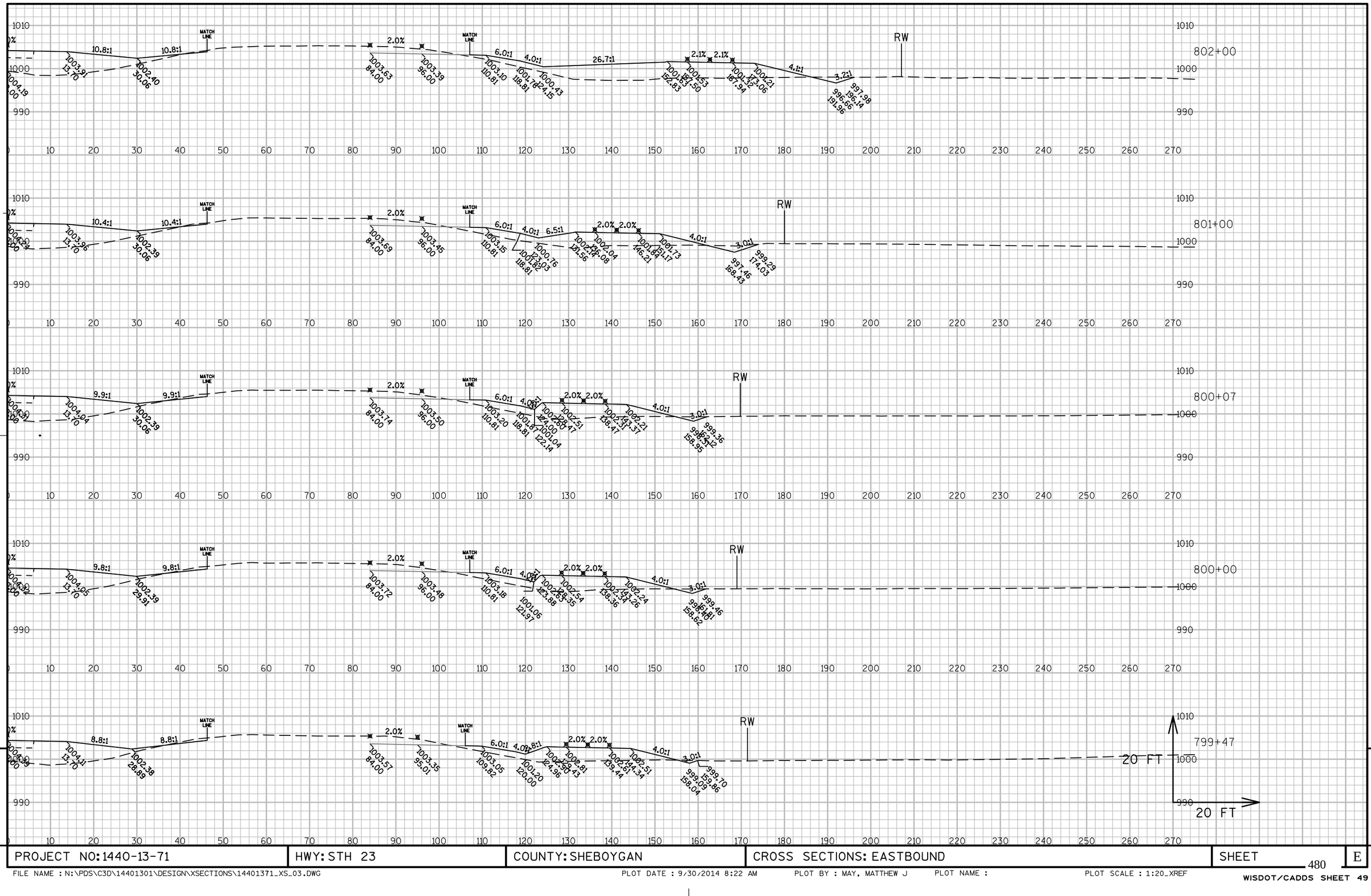
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 479	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_03.DWG PLOT DATE : 9/30/2014 8:22 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

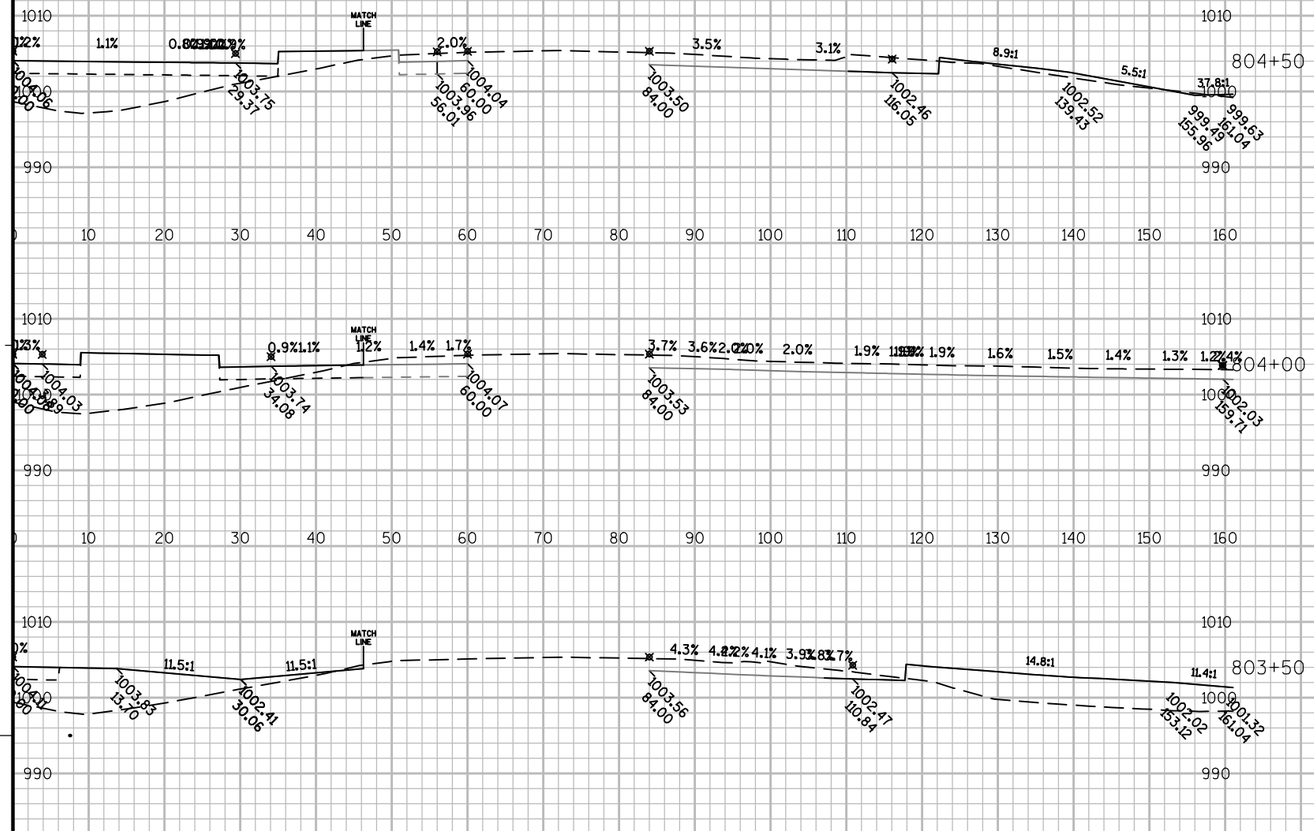
WISDOT/CADDS SHEET 49

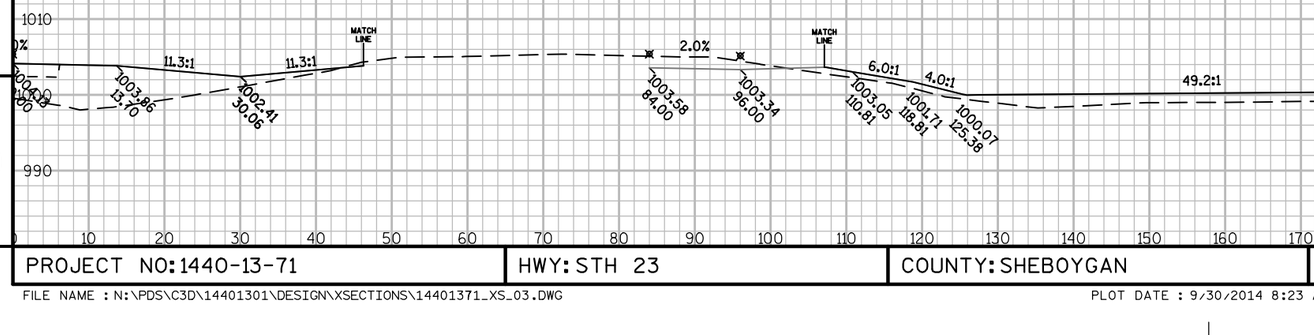


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 480	E

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WISDOT/CADDS SHEET 49



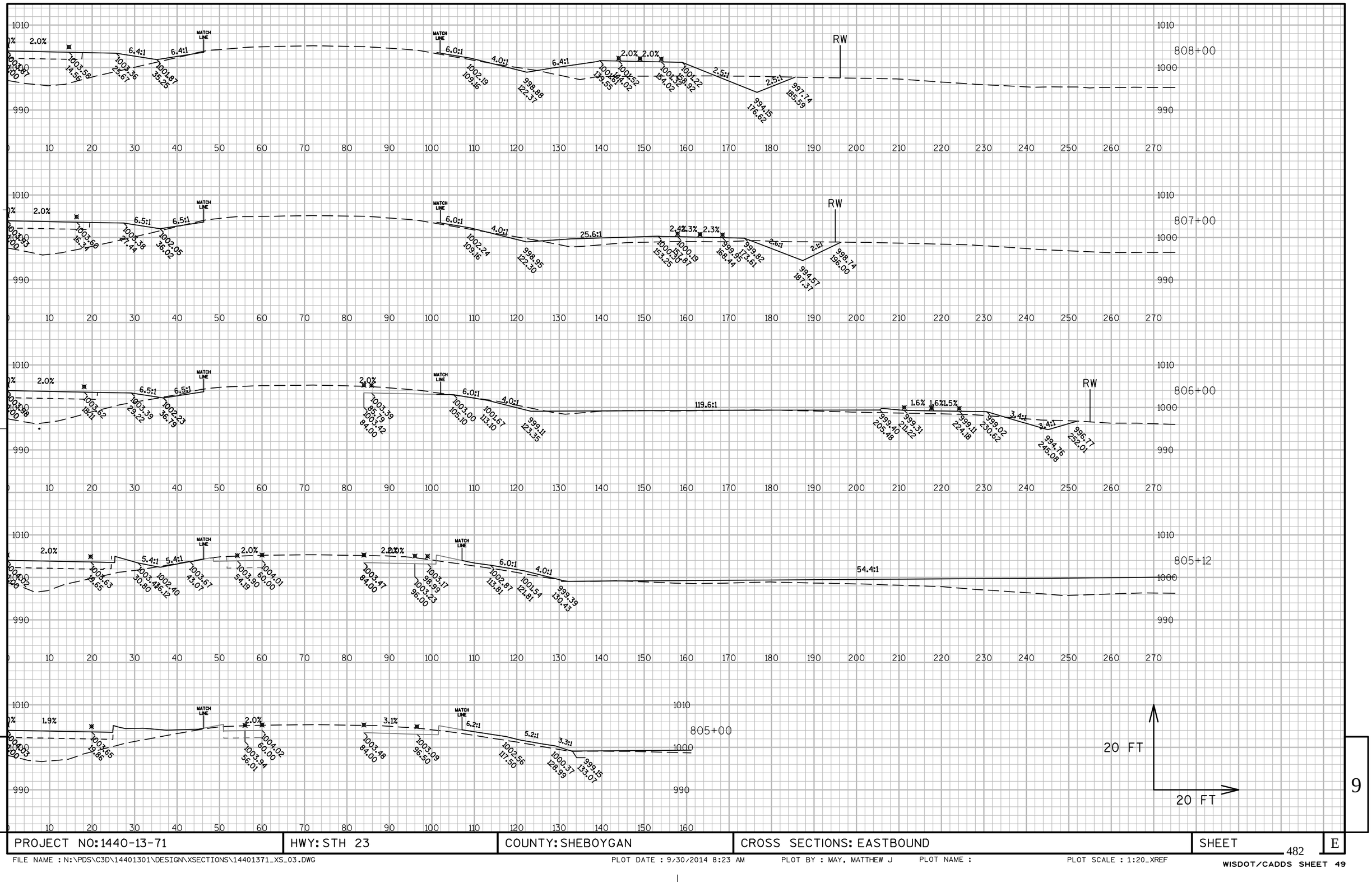


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 481	E

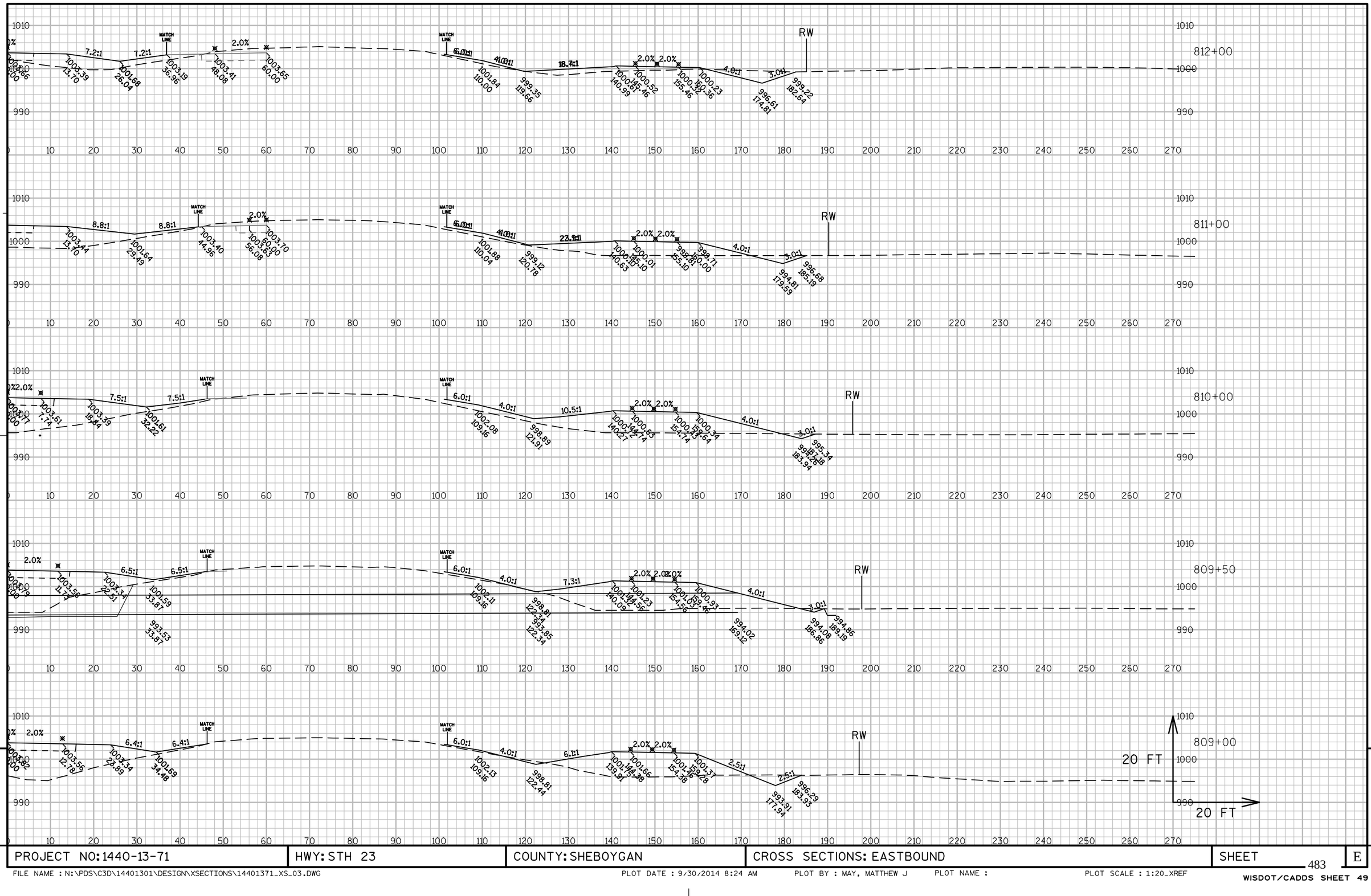
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WISDOT/CADDS SHEET 49



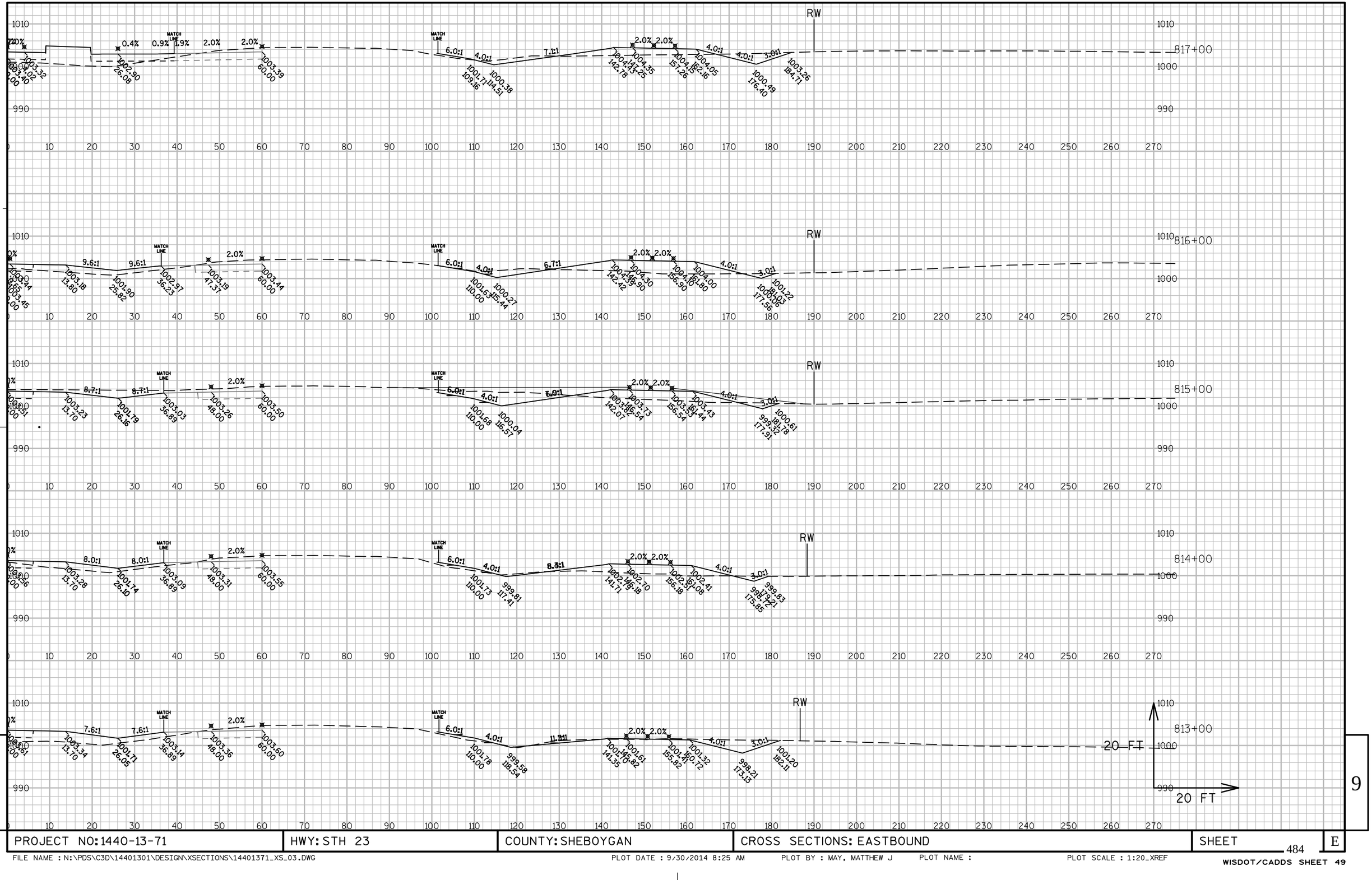
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

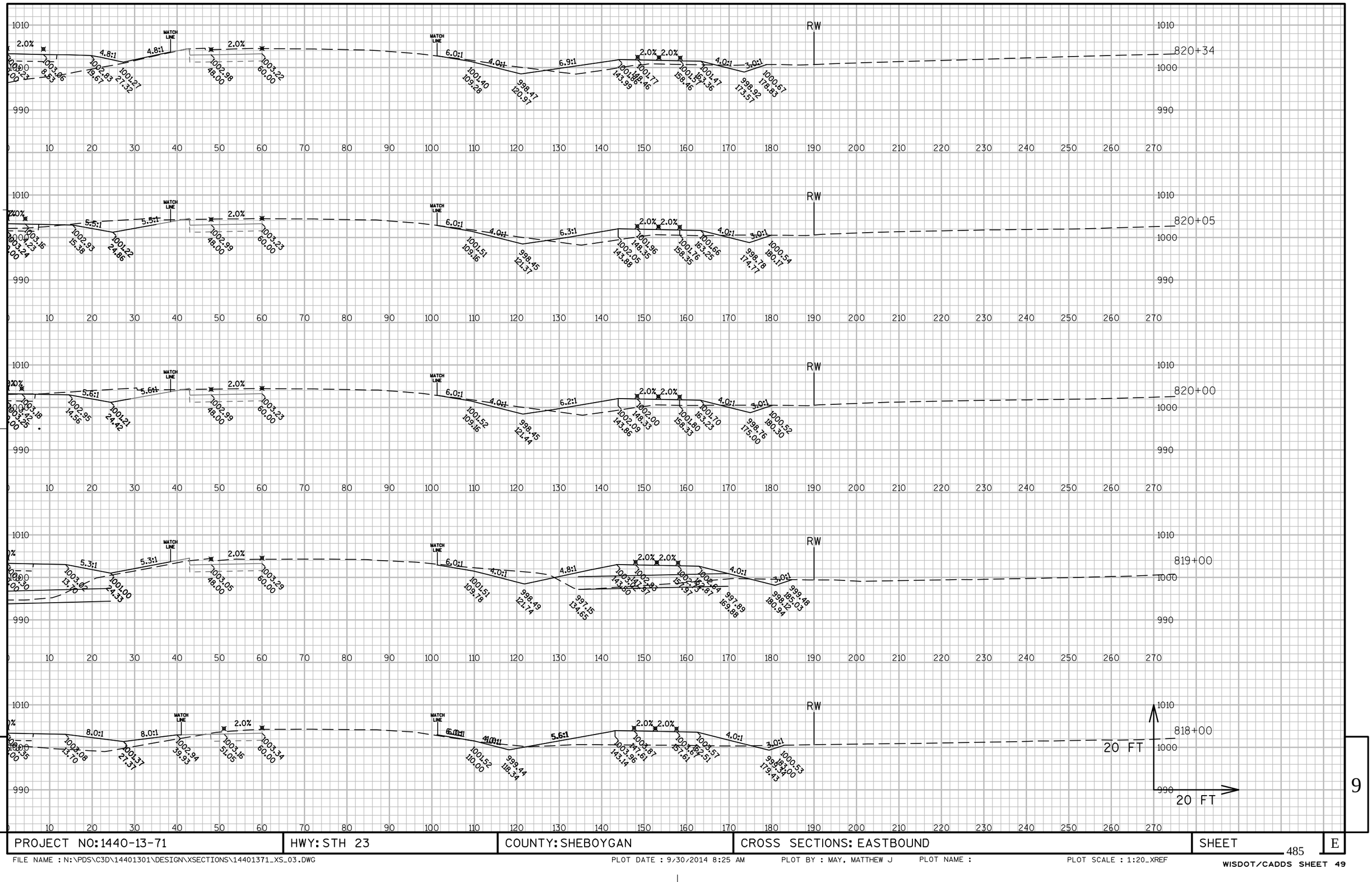
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 484	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_03.DWG PLOT DATE : 9/30/2014 8:25 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

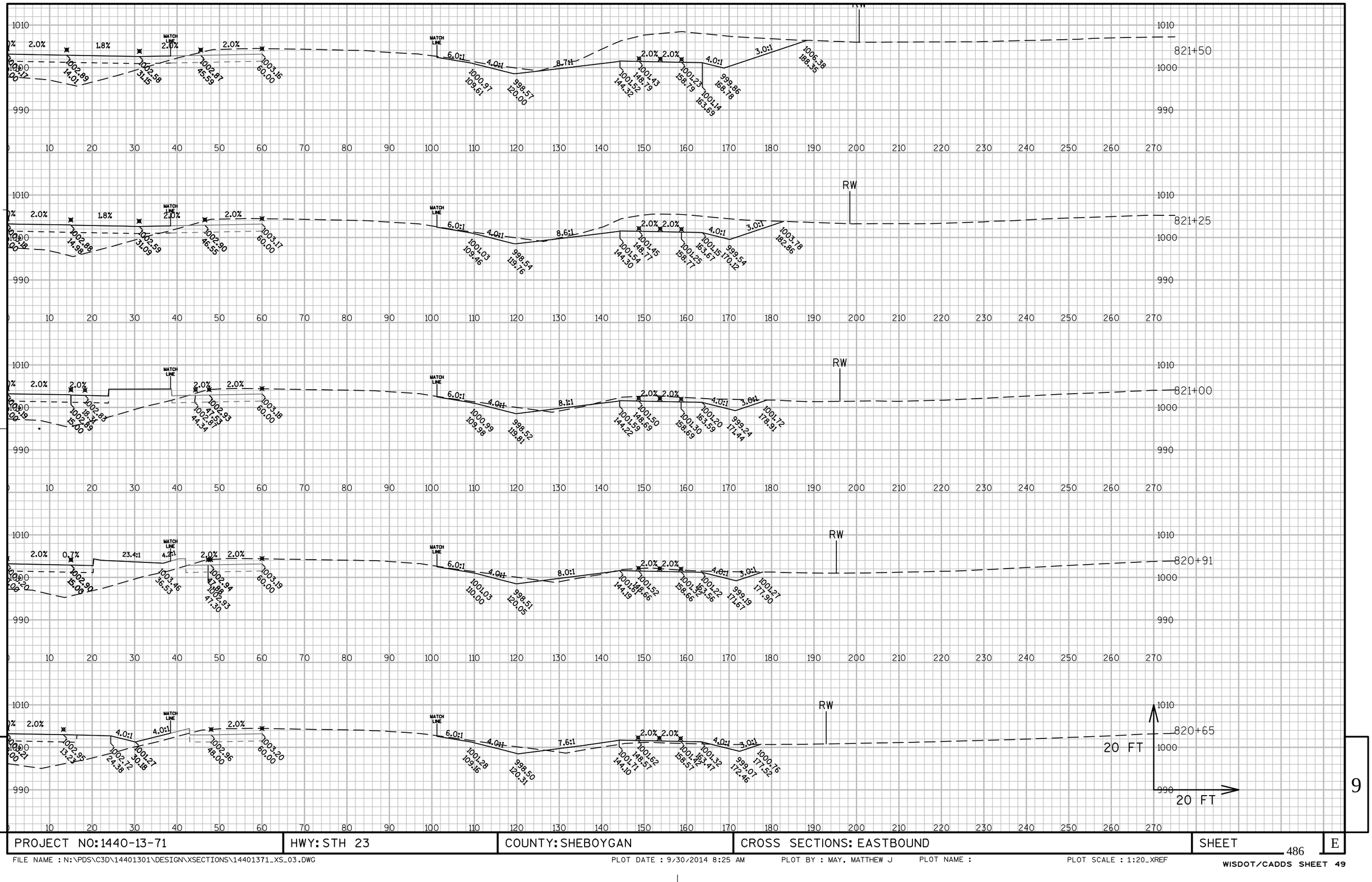
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_03.DWG PLOT DATE : 9/30/2014 8:25 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

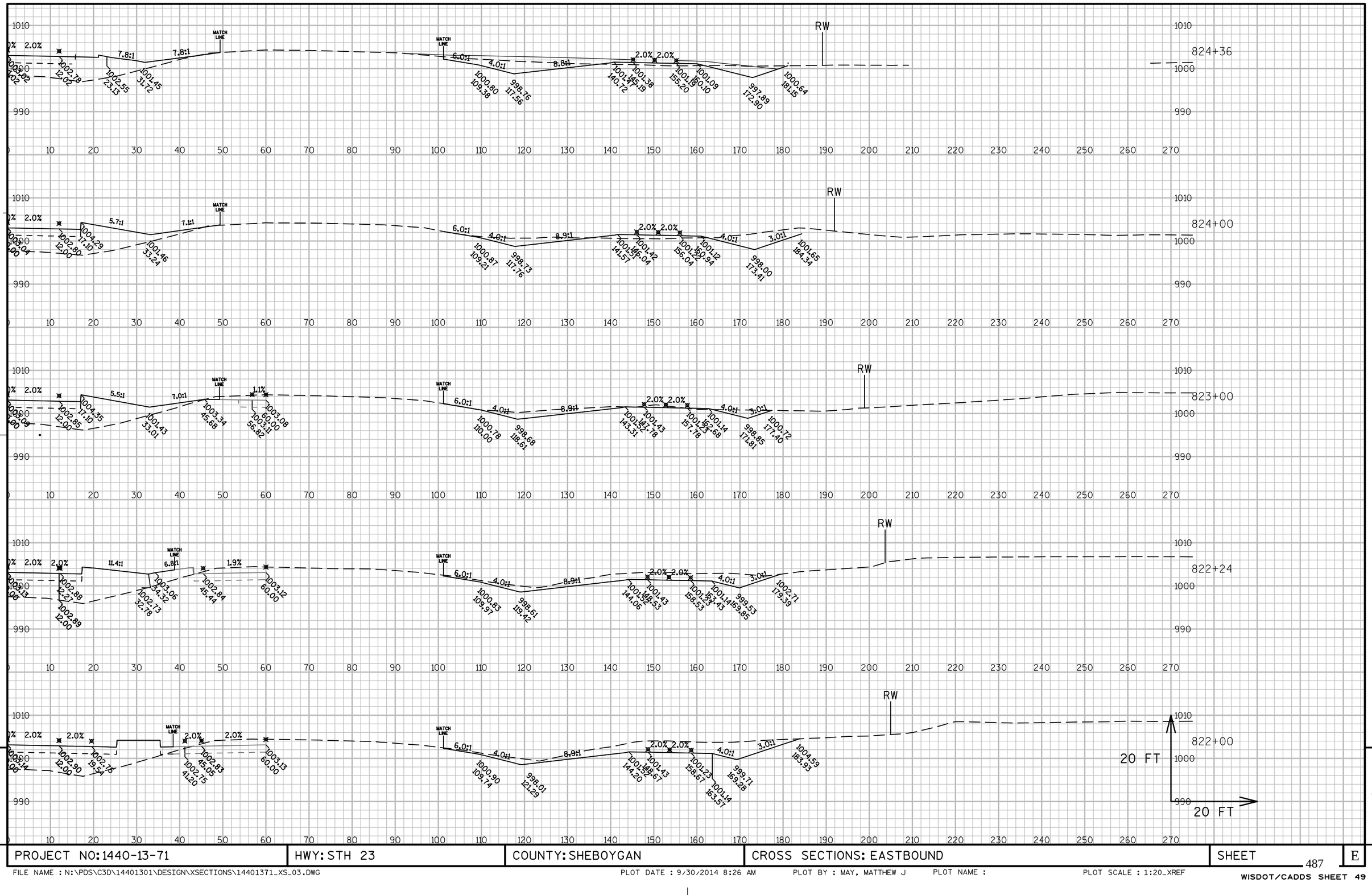
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_03.DWG PLOT DATE : 9/30/2014 8:25 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



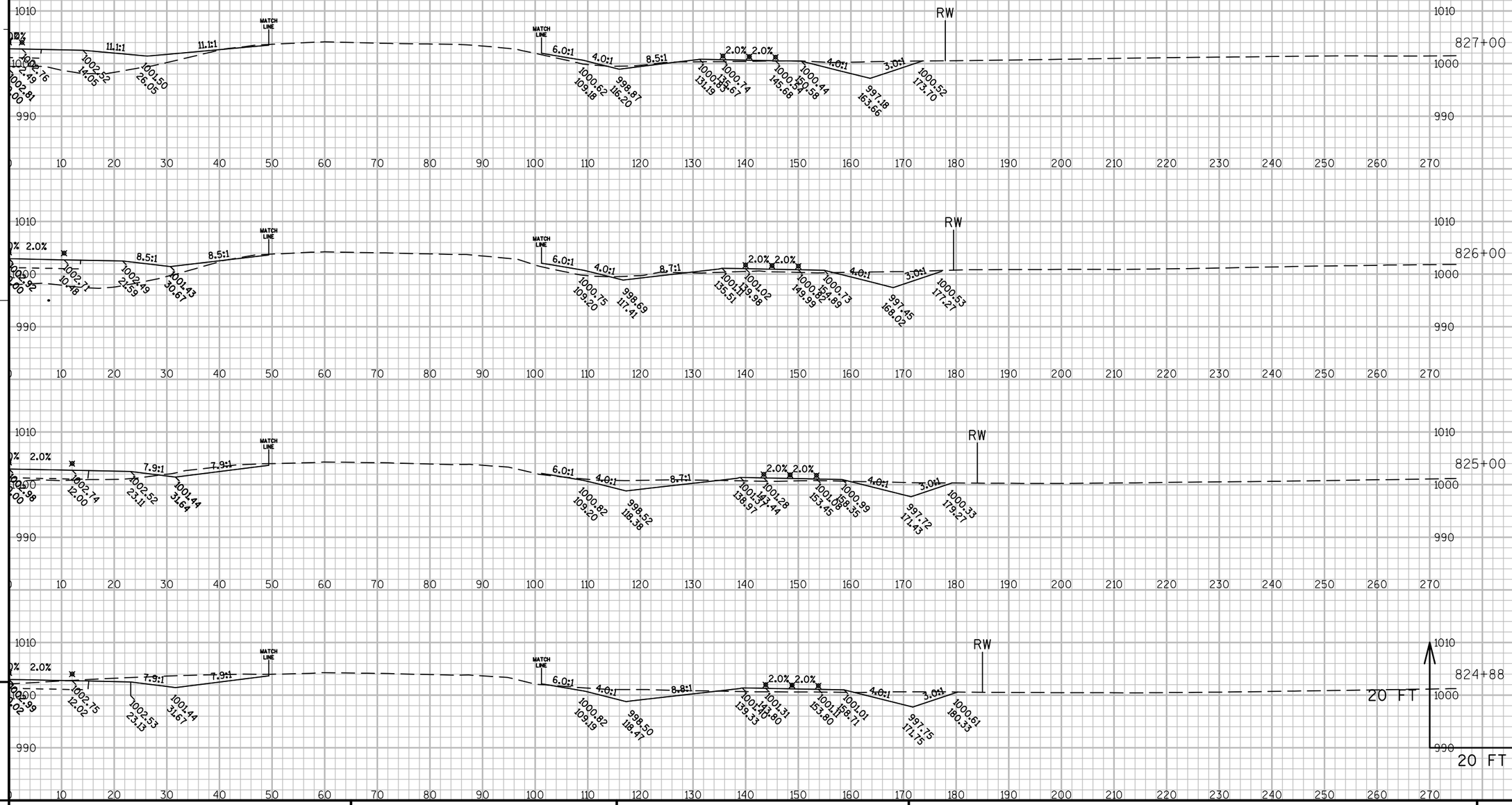
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 487	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_03.DWG PLOT DATE : 9/30/2014 8:26 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

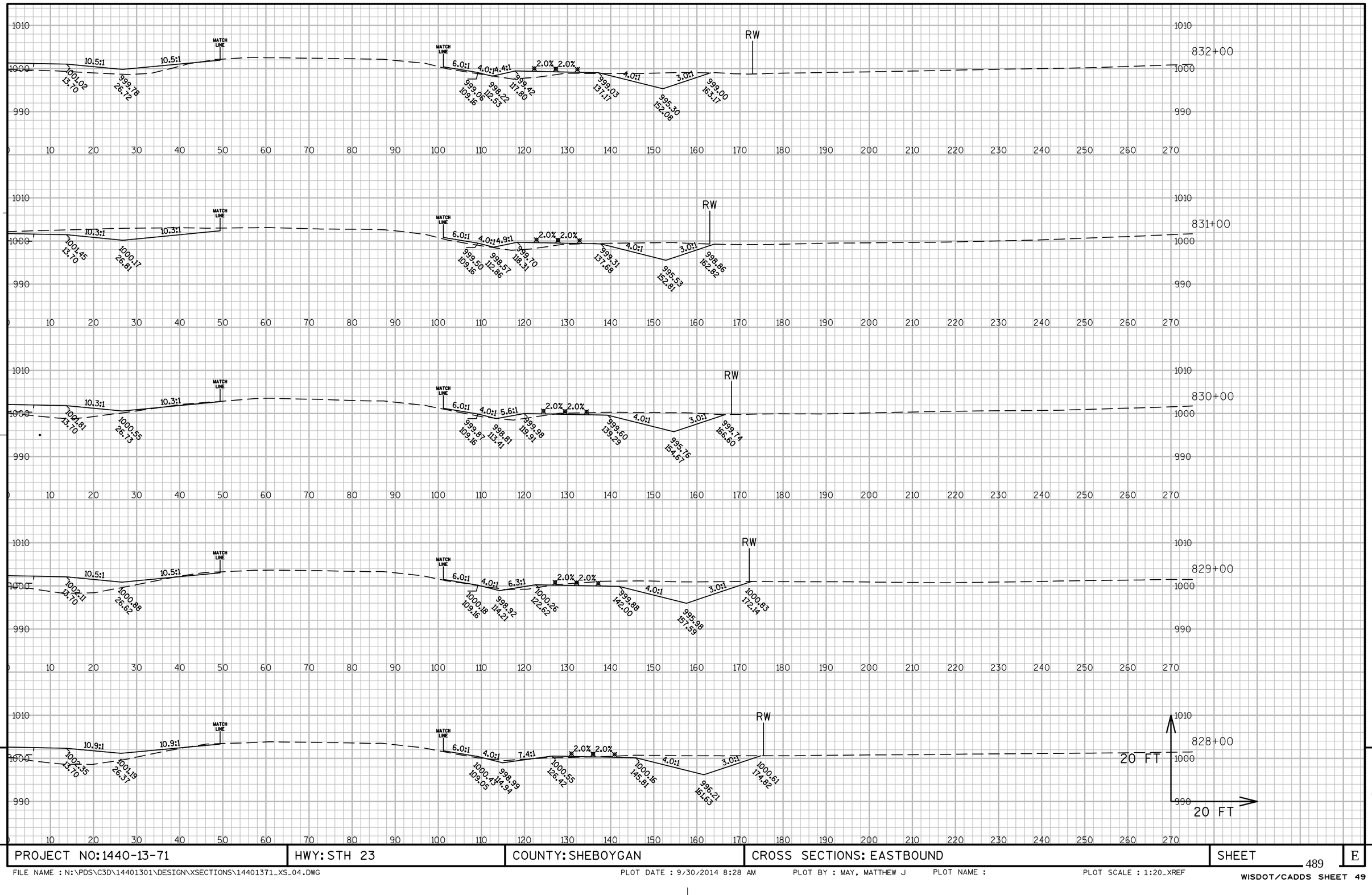
WISDOT/CADDS SHEET 49



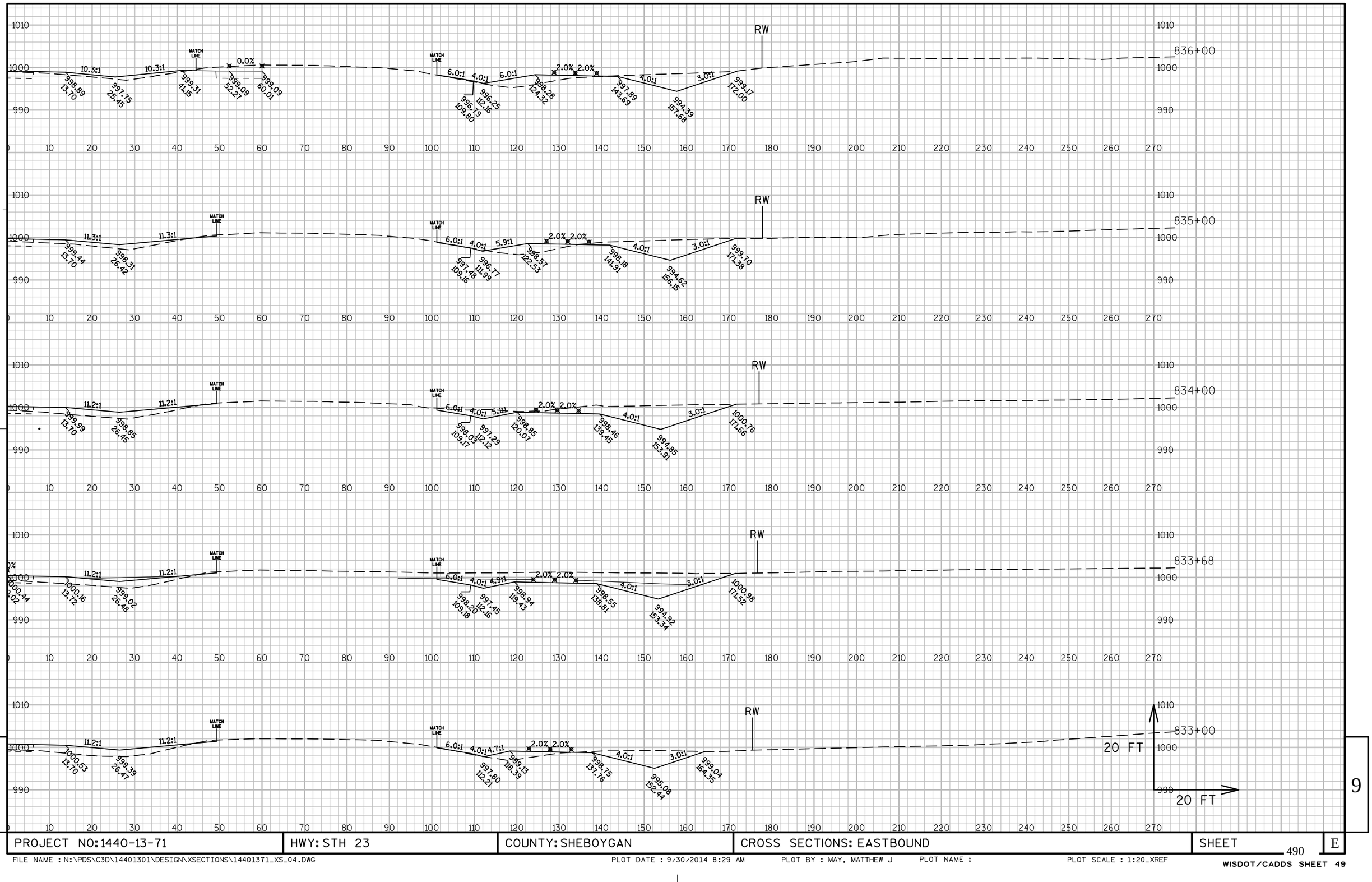
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_03.DWG PLOT DATE : 9/30/2014 8:26 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

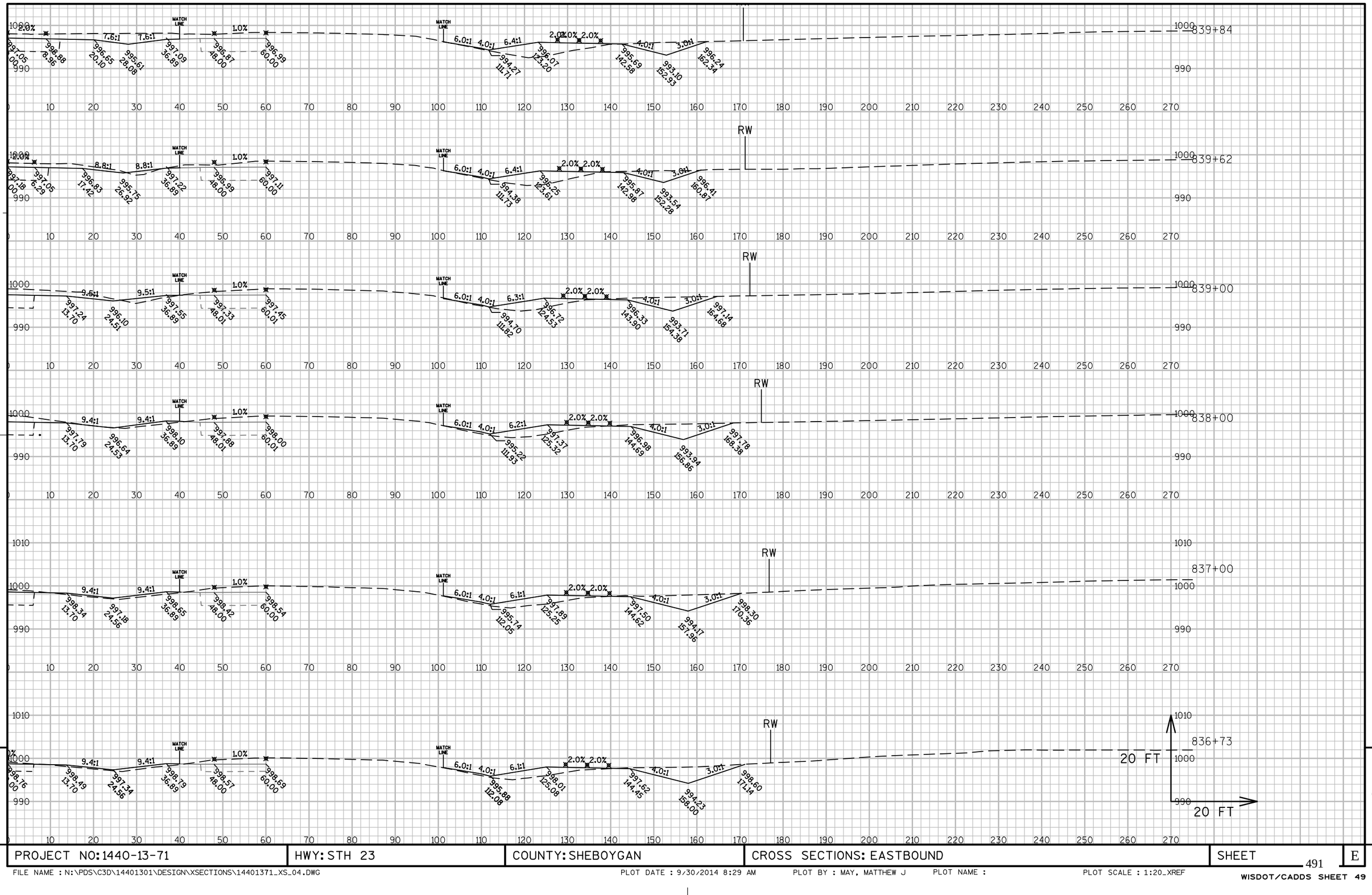


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E



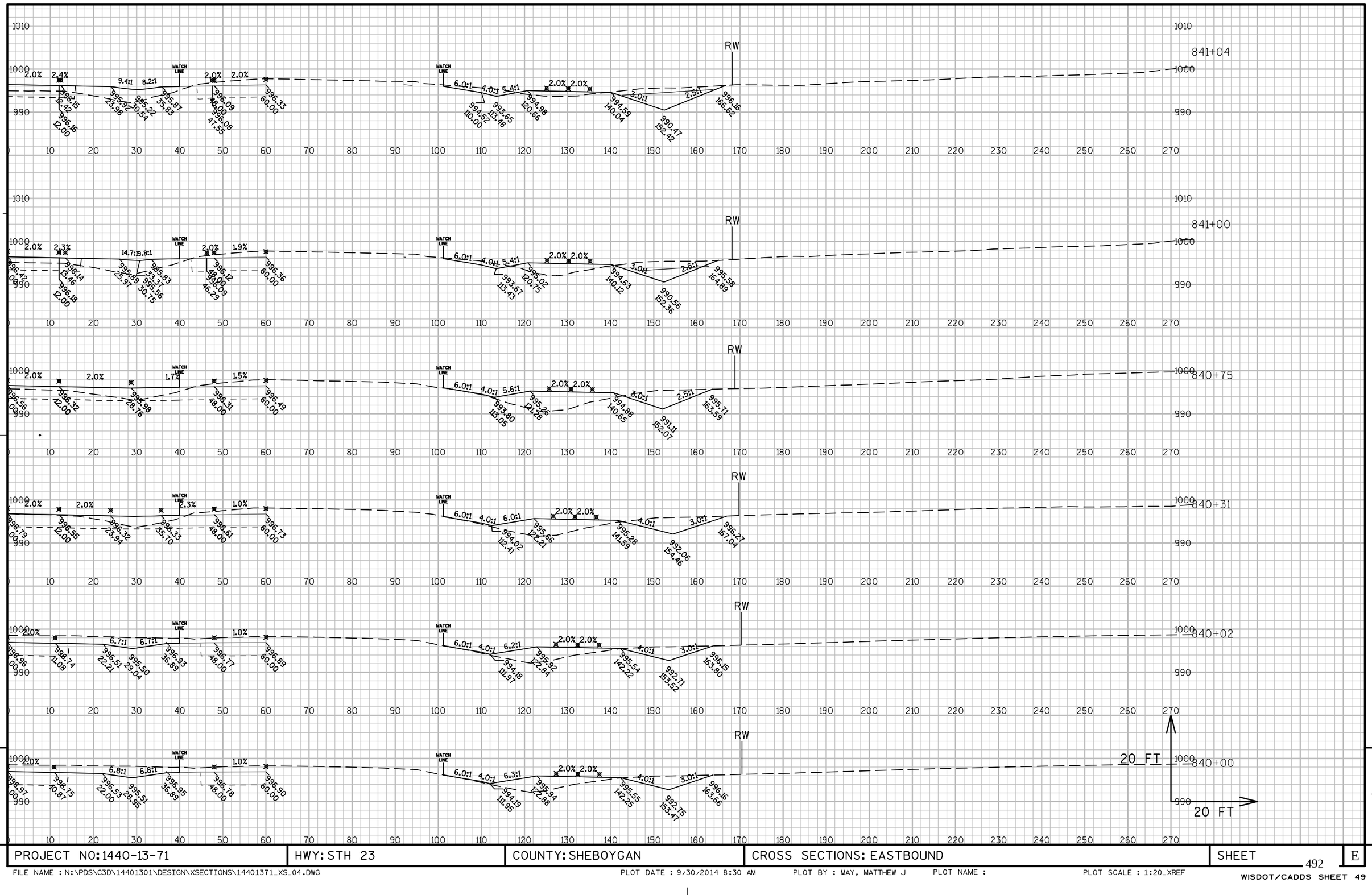
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 8:29 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



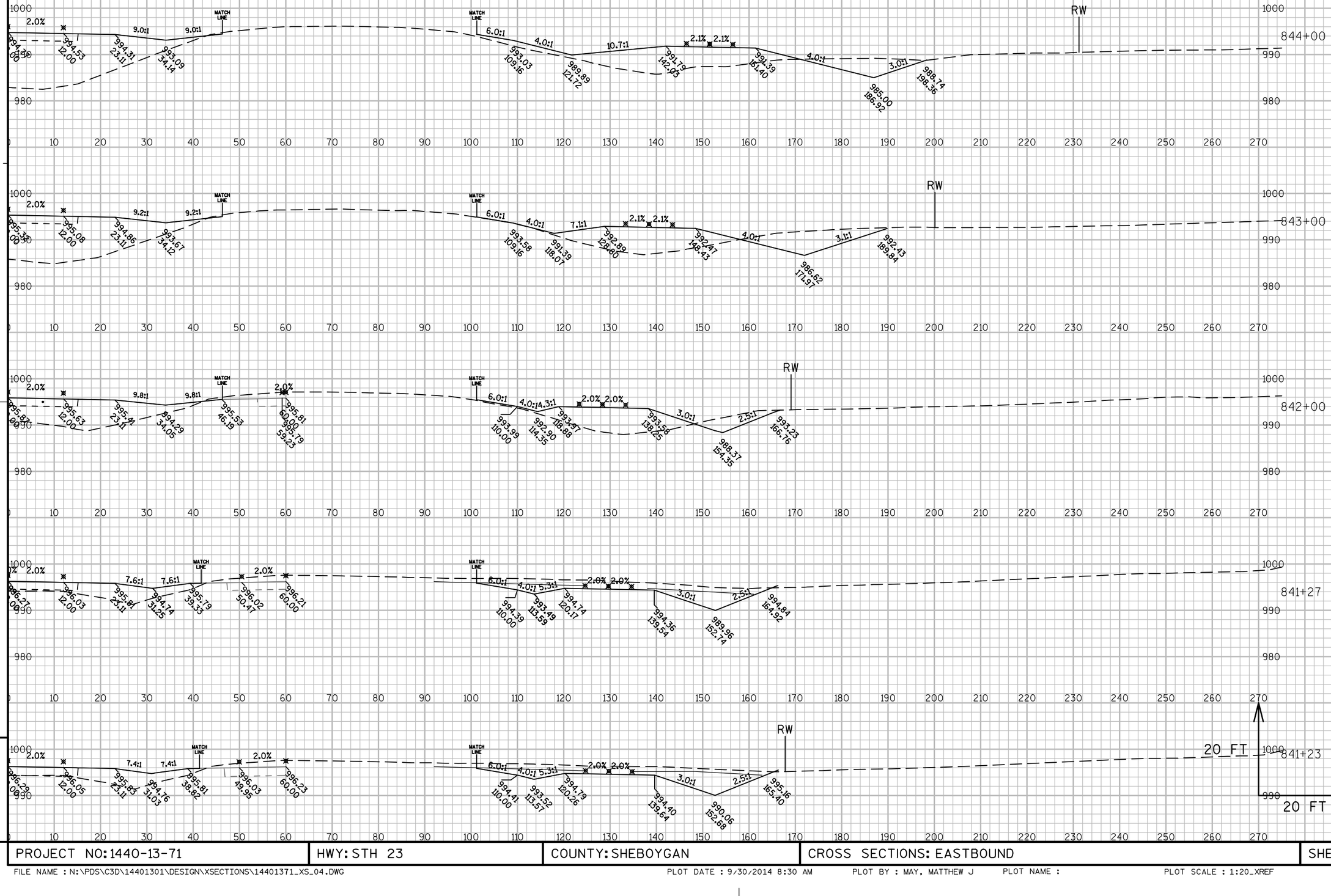
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 8:29 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



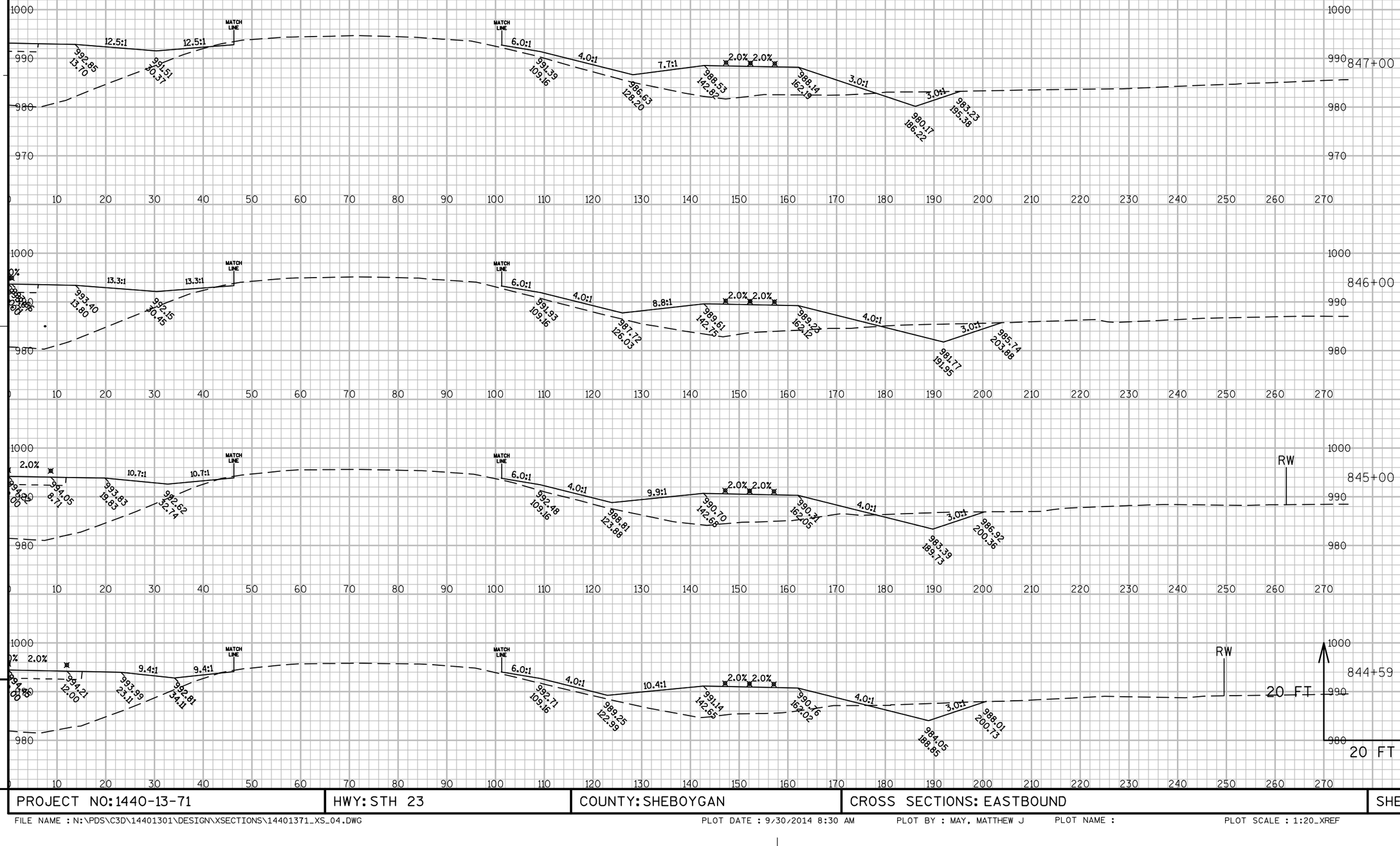
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 8:30 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

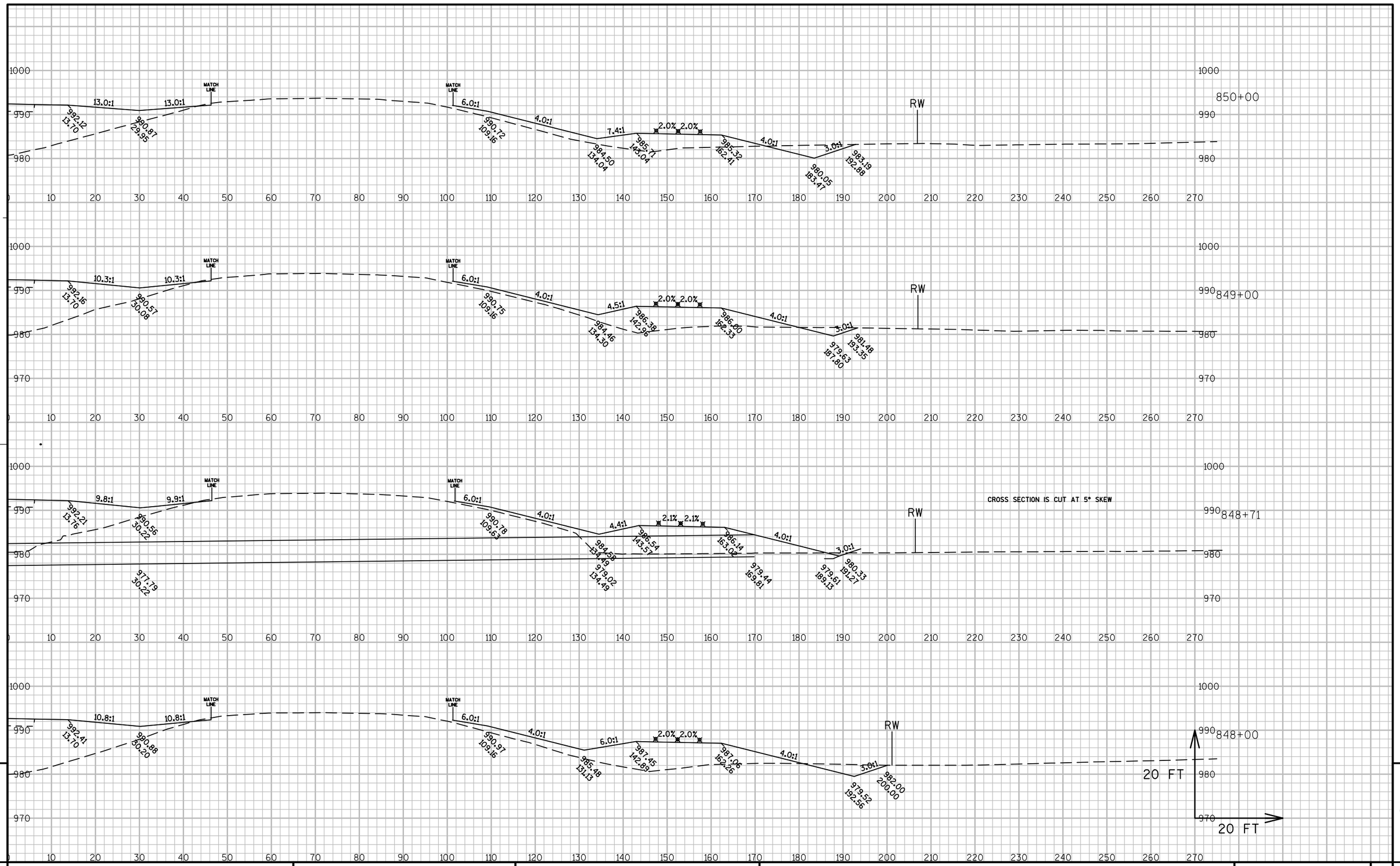
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 494	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 8:30 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



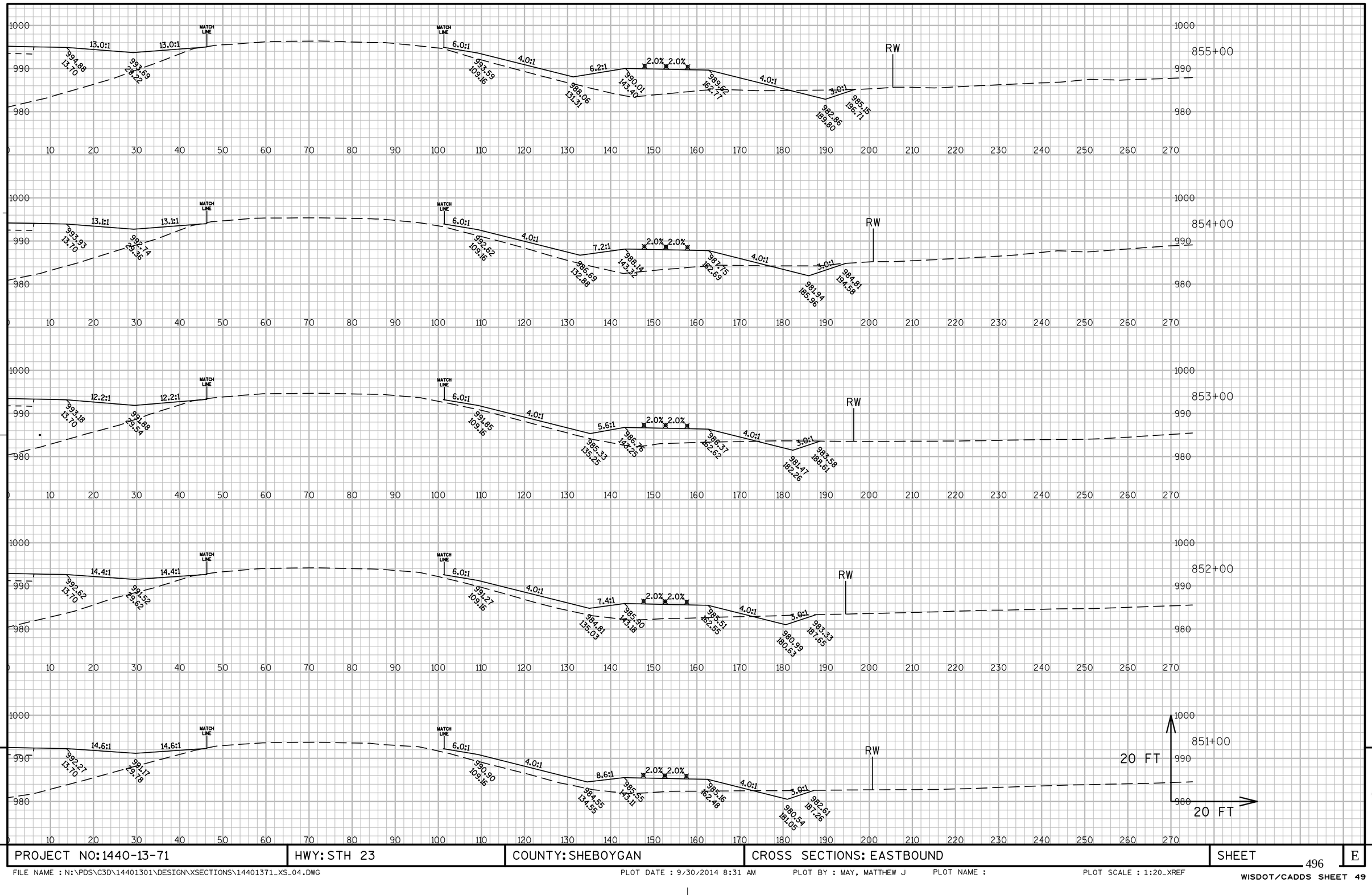
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

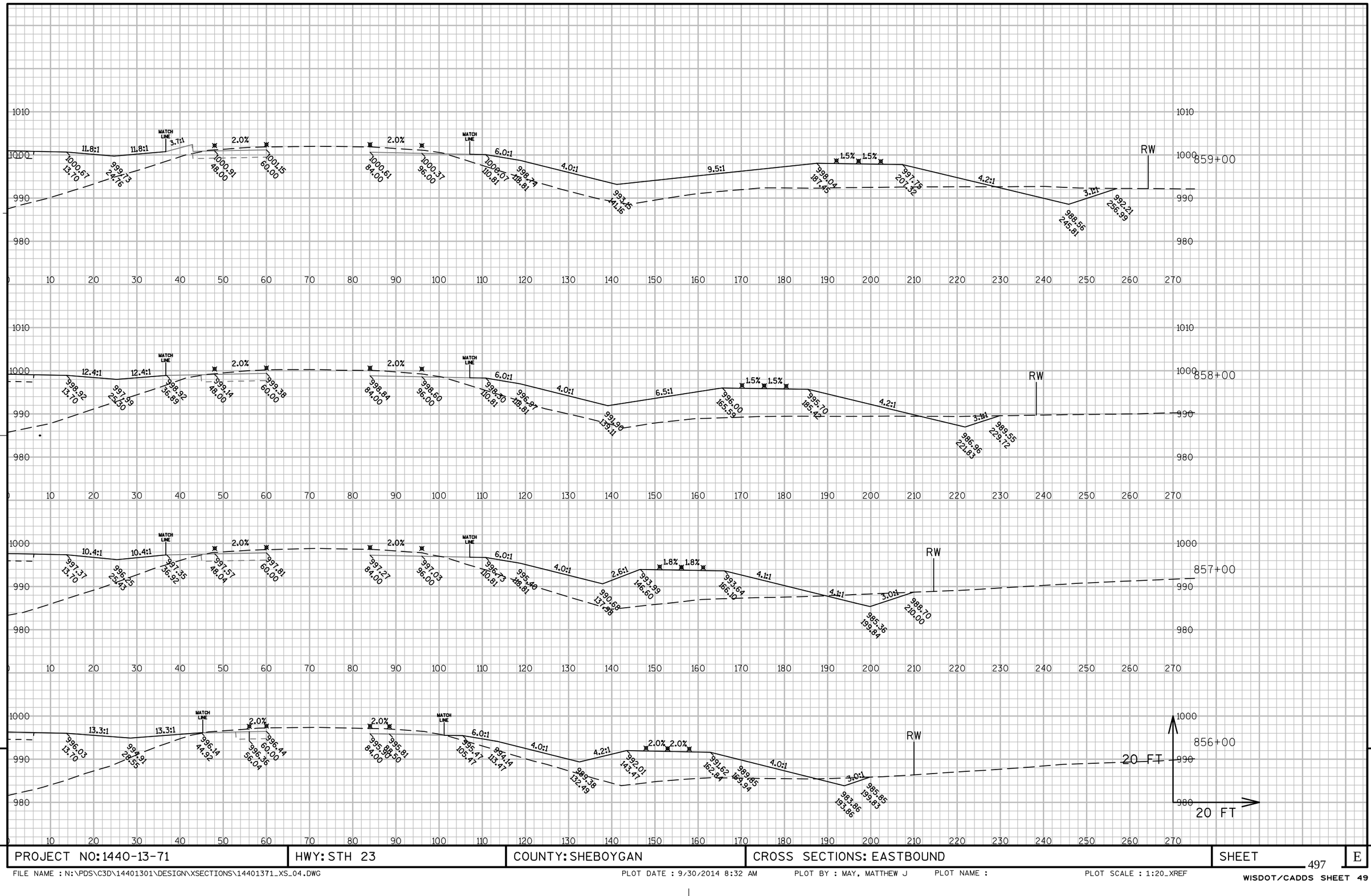
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

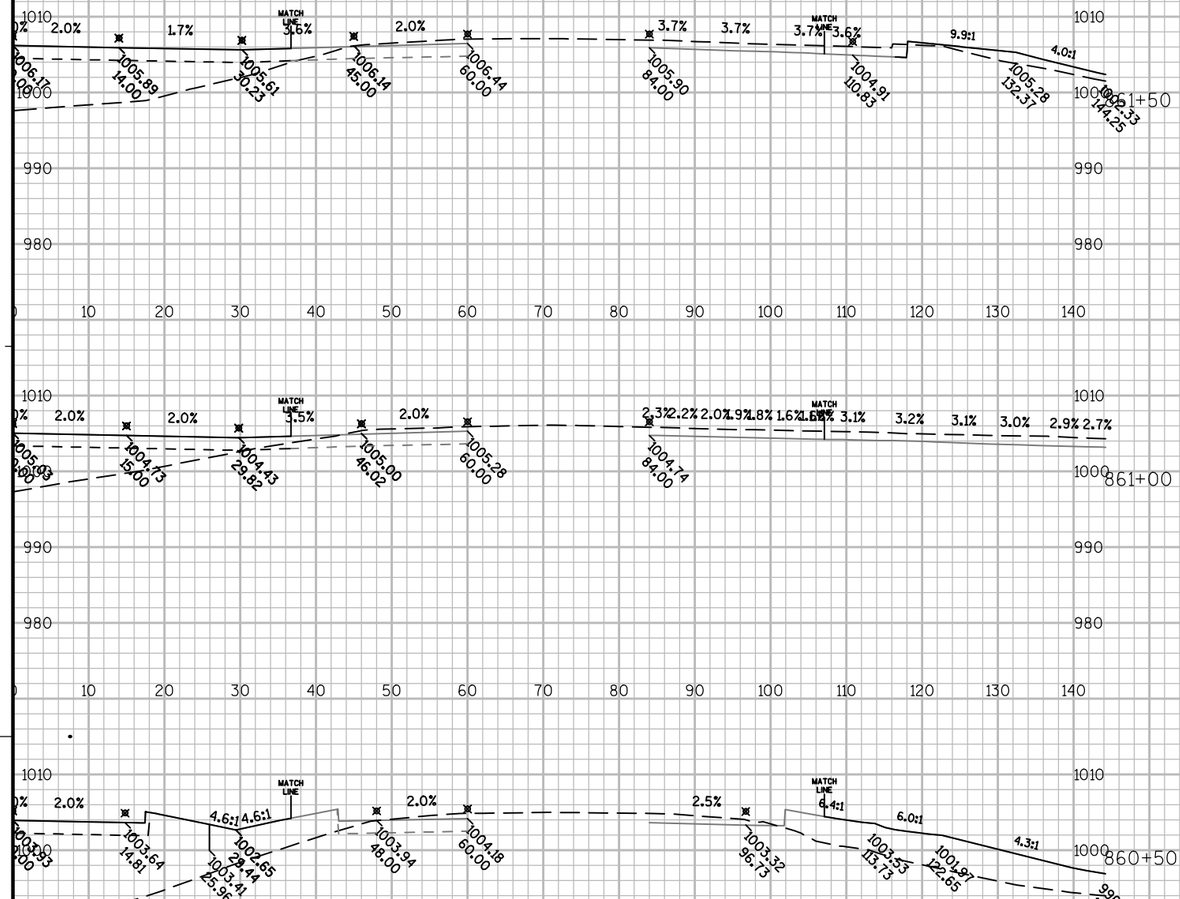
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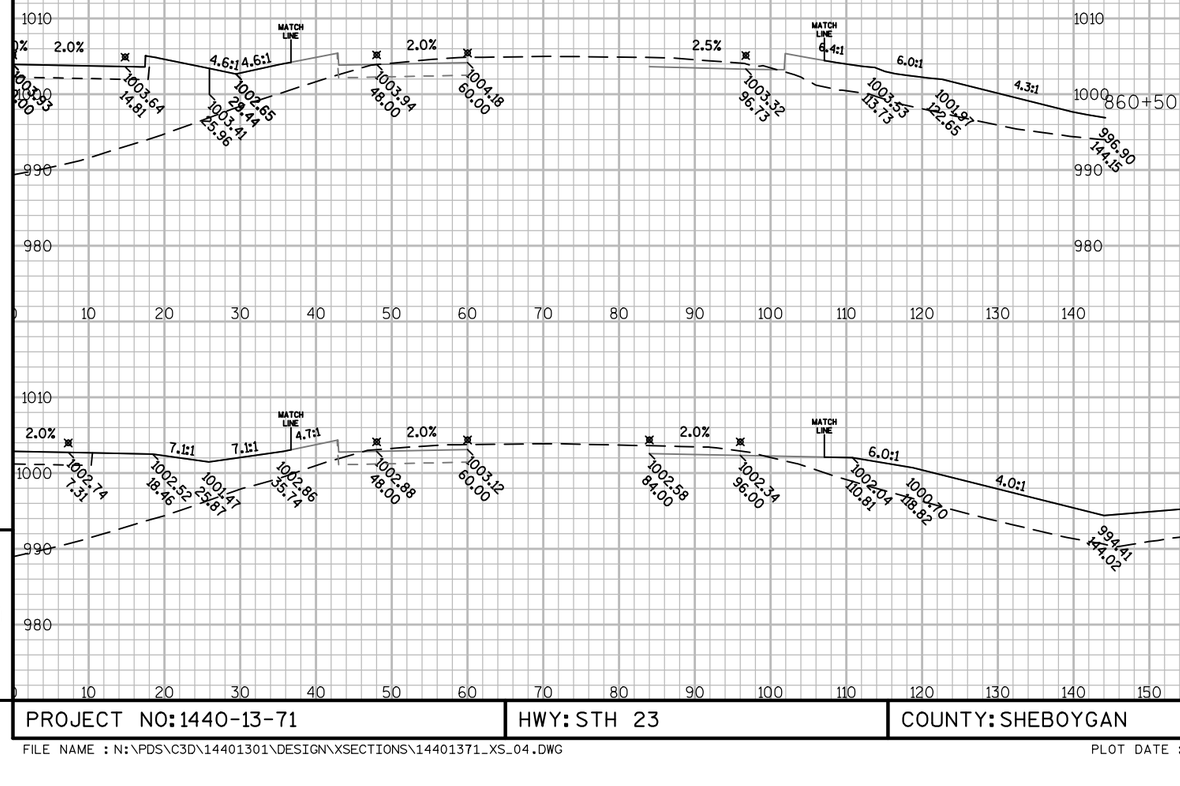


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 8:32 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

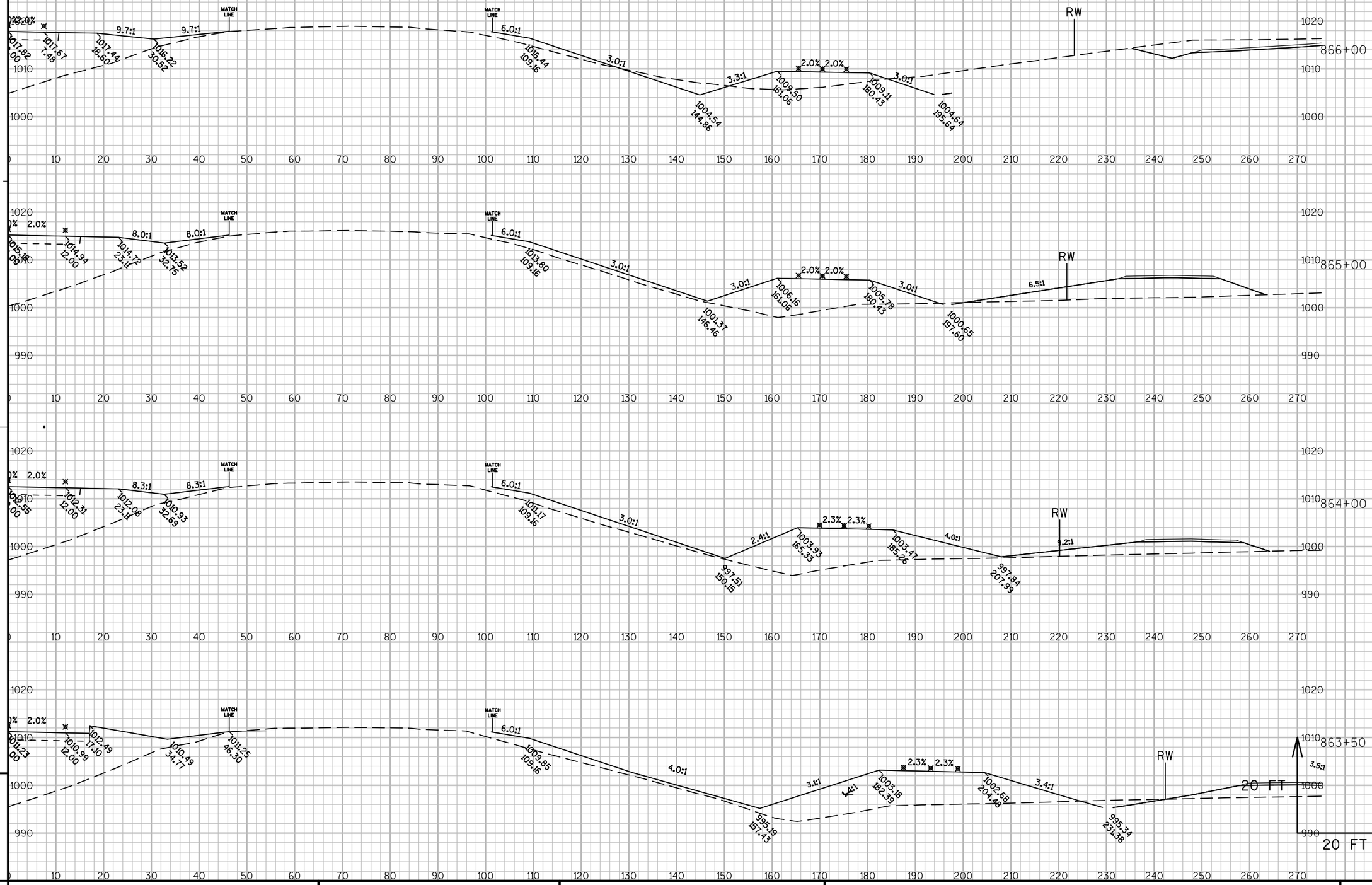




PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 8:32 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

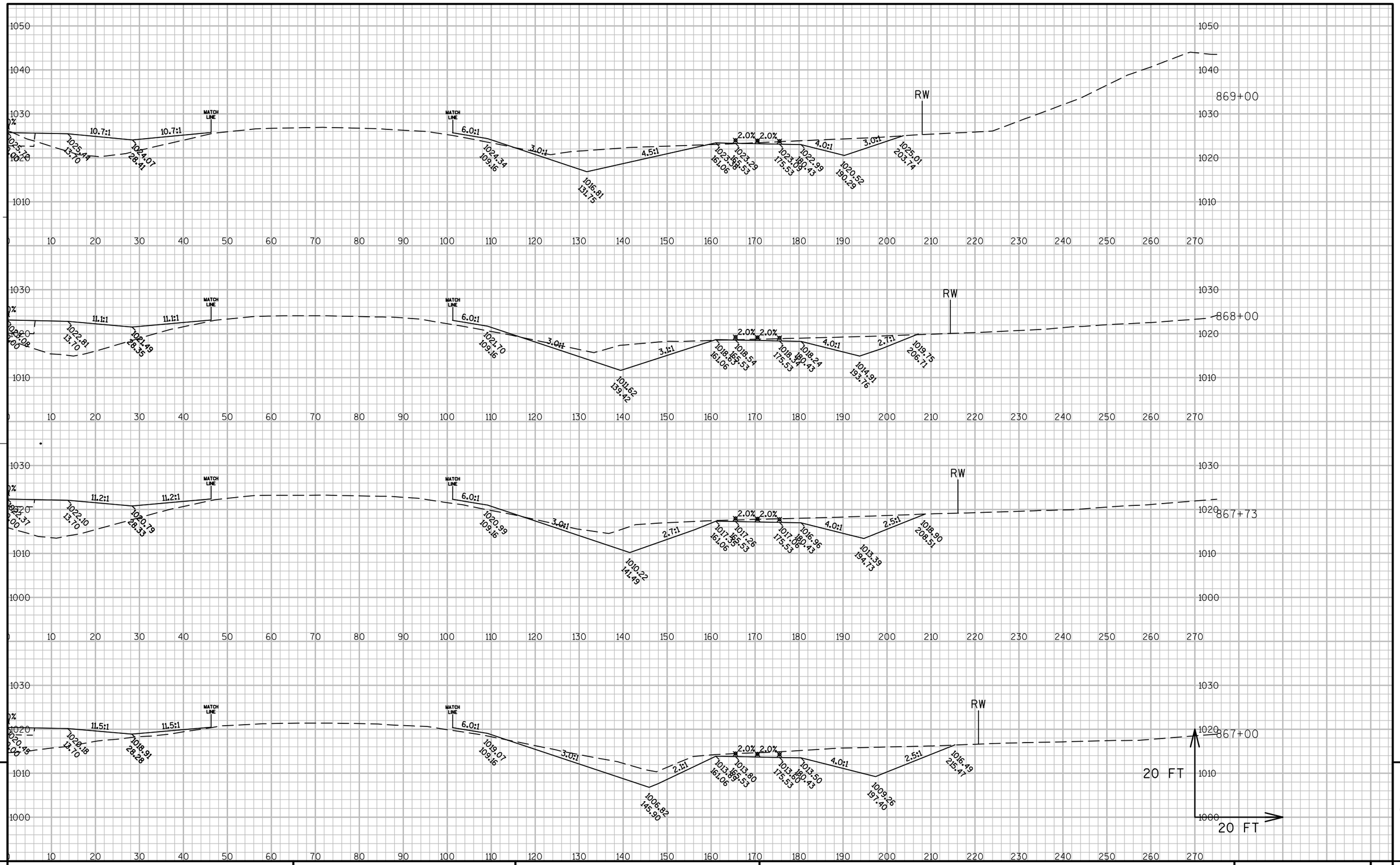
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 500	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_04.DWG PLOT DATE : 9/30/2014 8:33 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

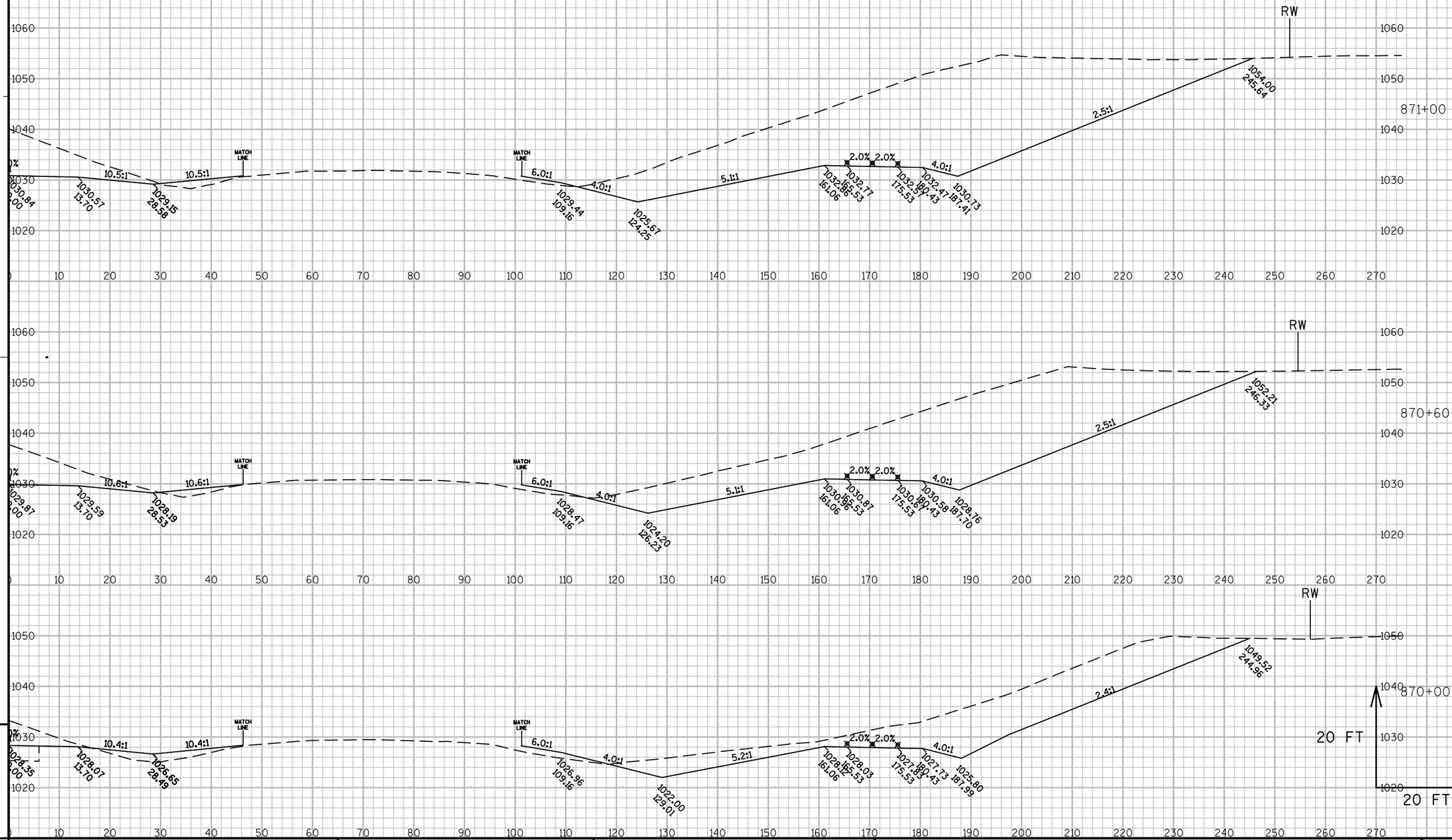
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

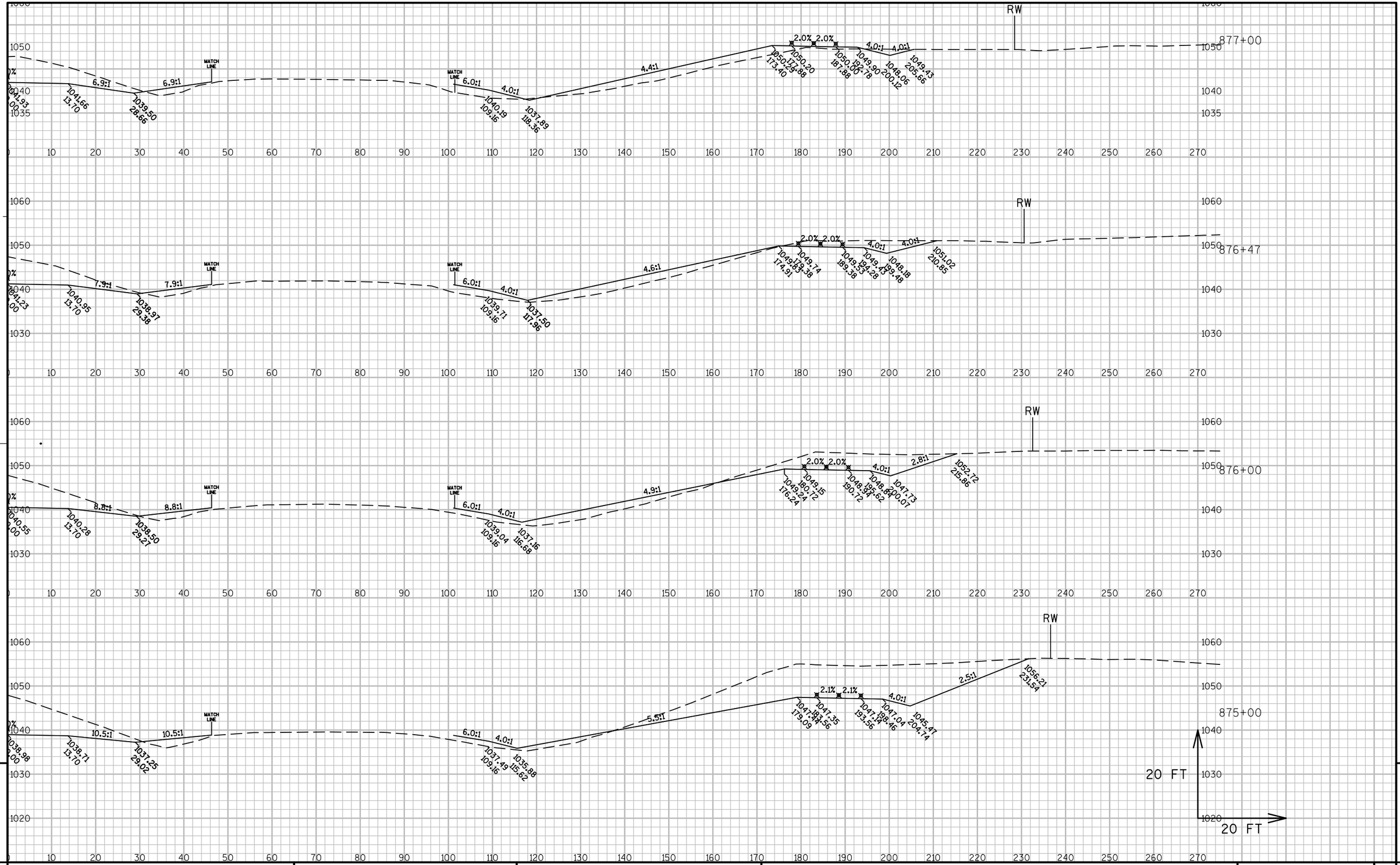
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

503

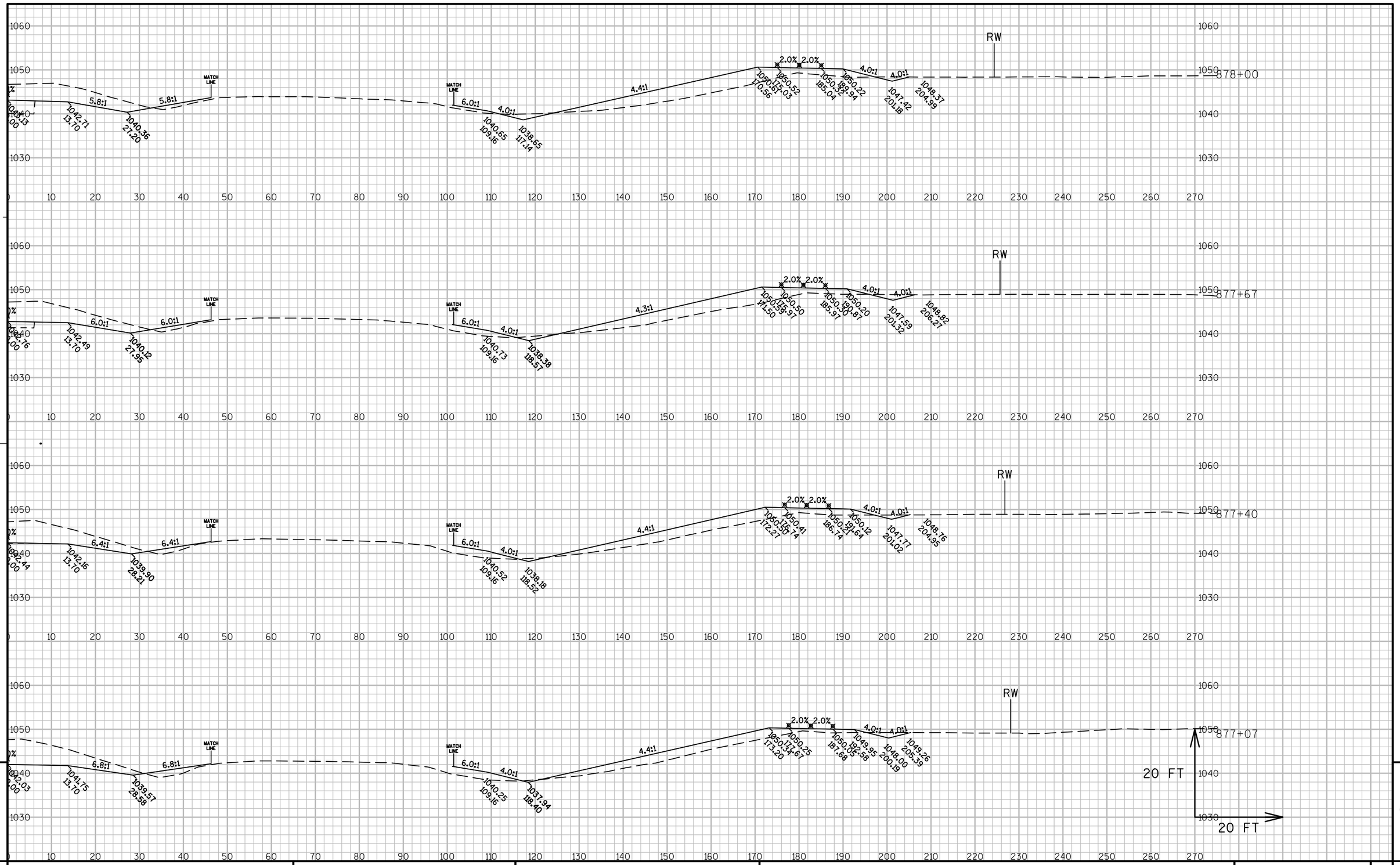
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WISDOT/CADDS SHEET 49



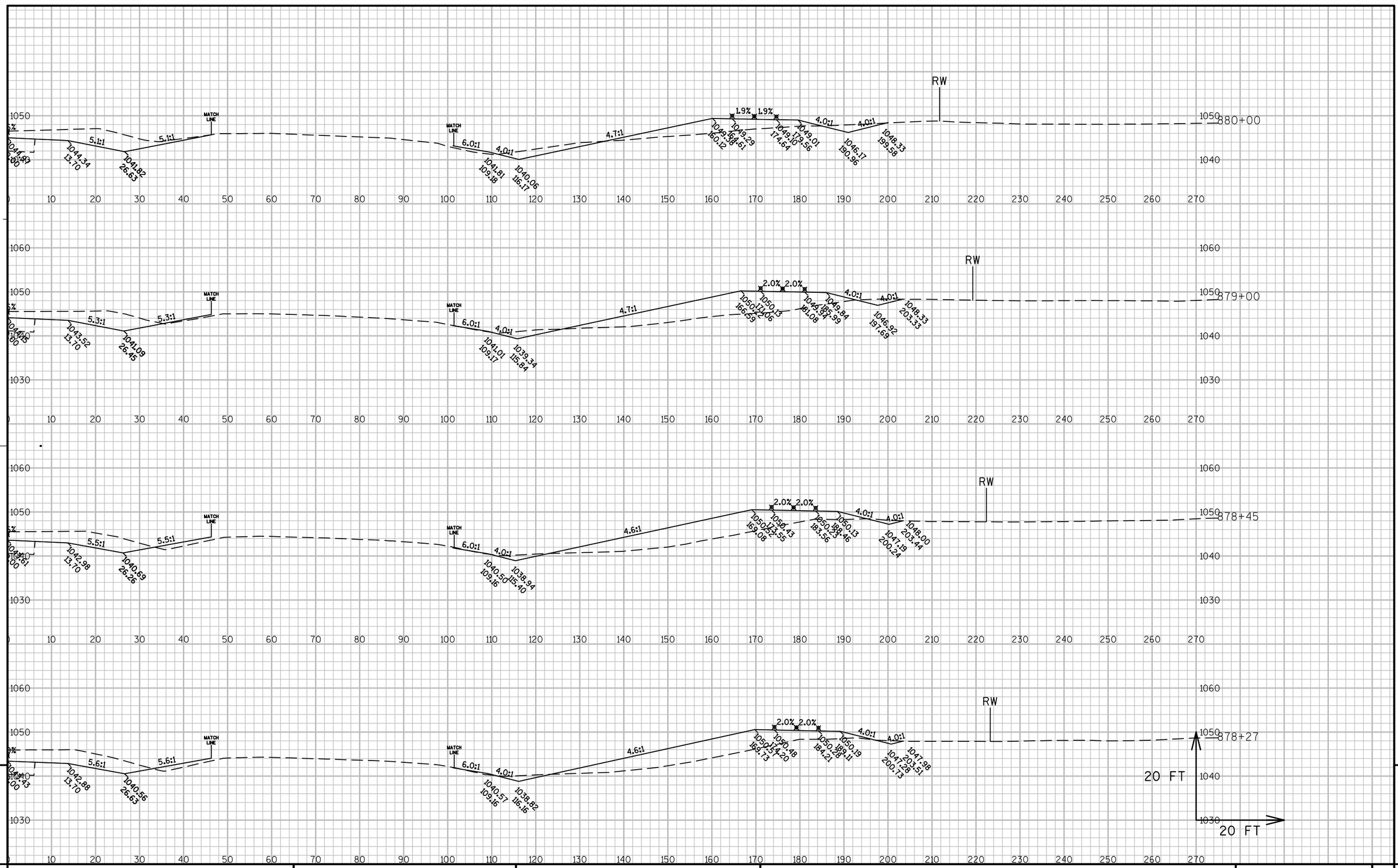
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_05.DWG PLOT DATE : 9/30/2014 8:36 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

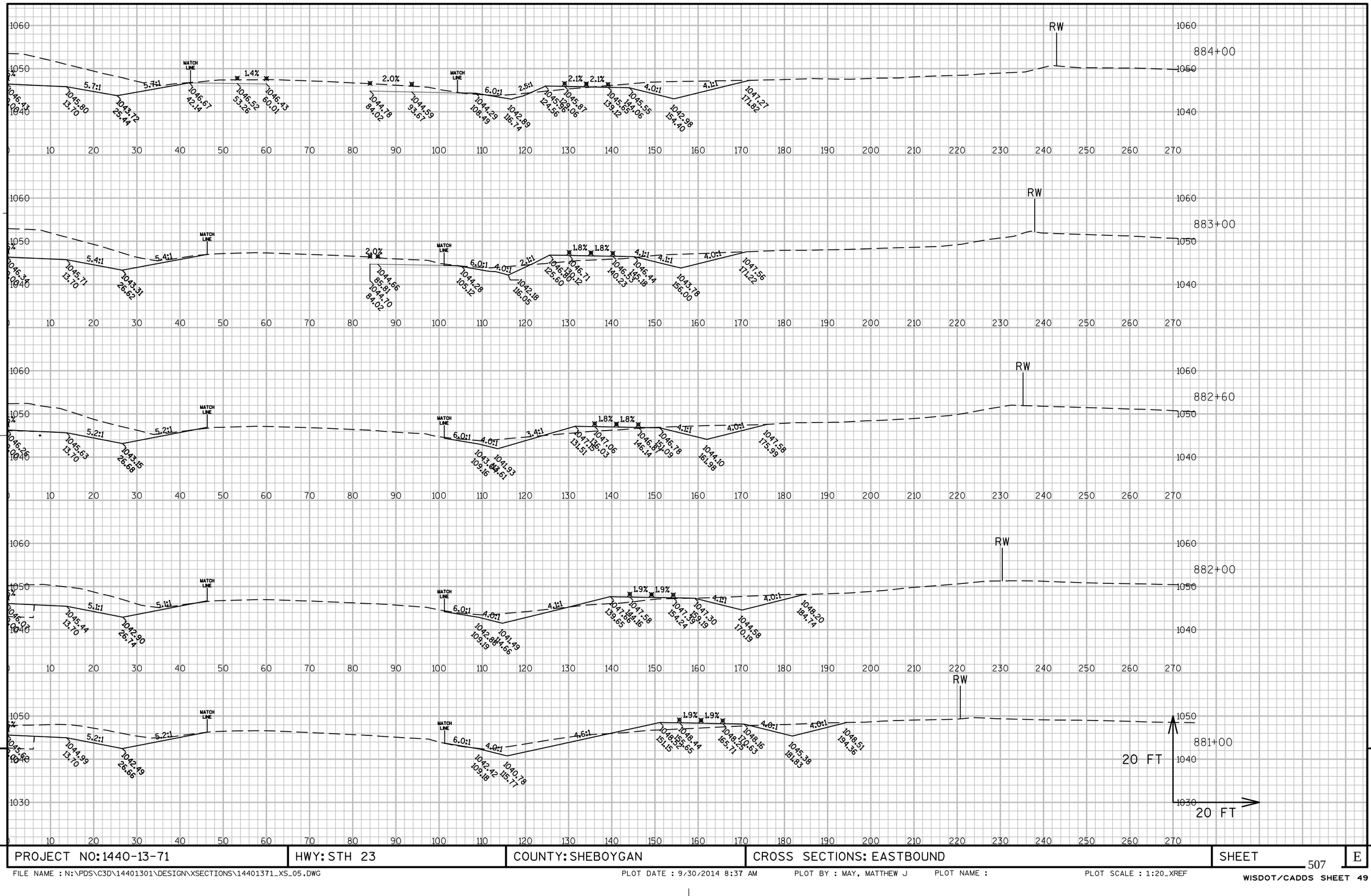
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

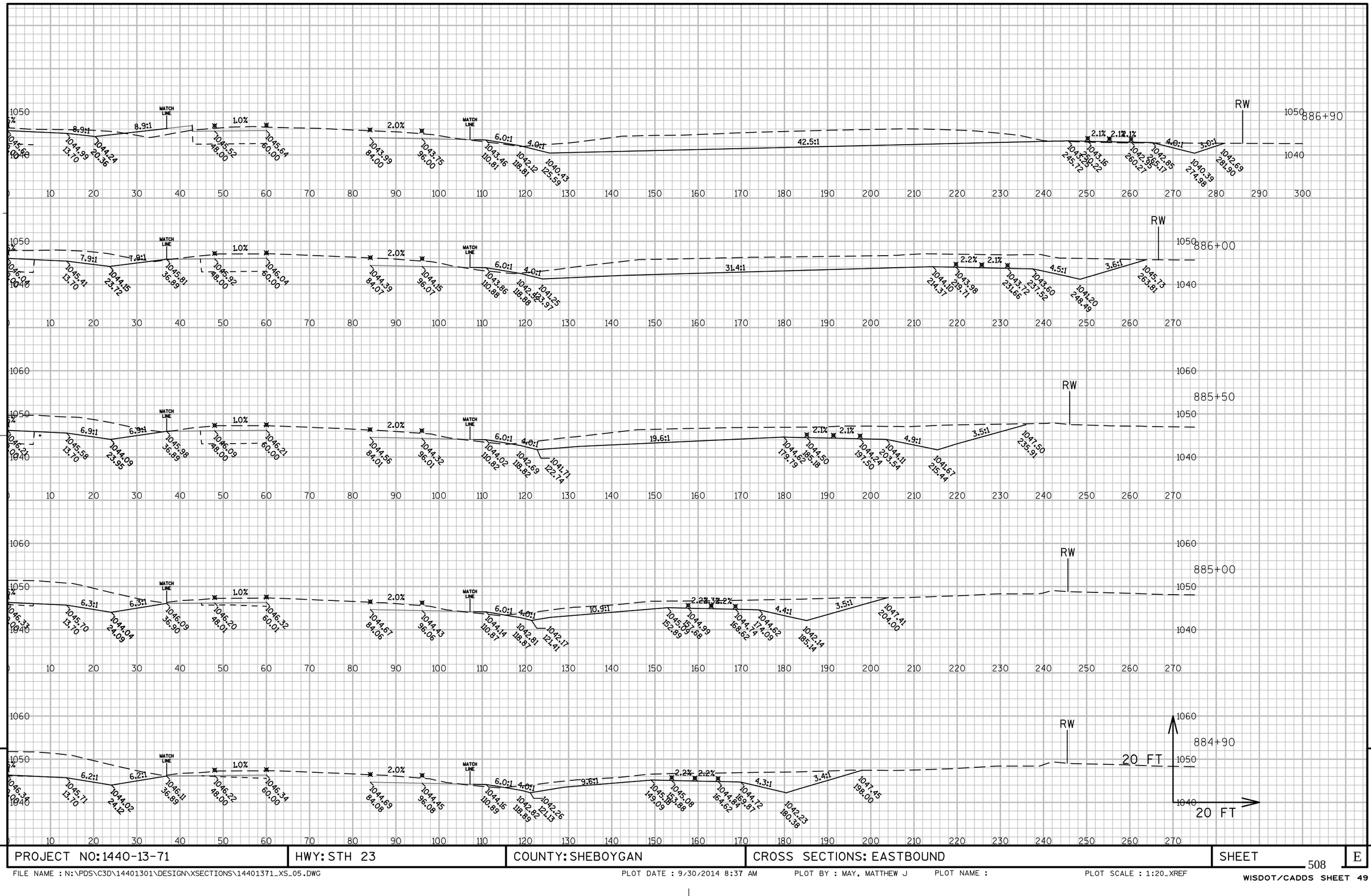
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WISDOT/CADDS SHEET 49



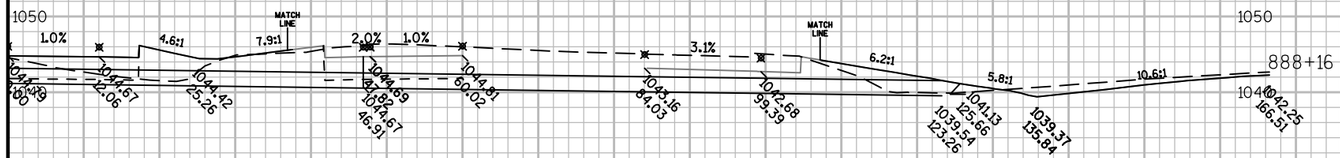
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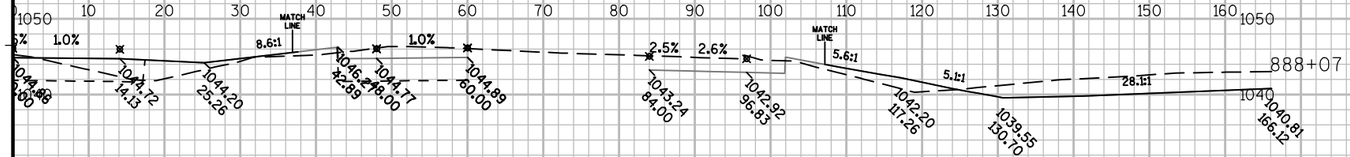
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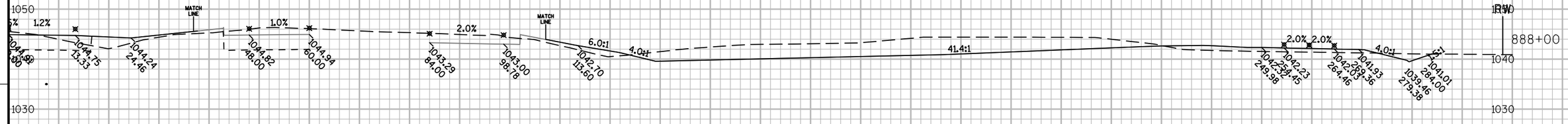


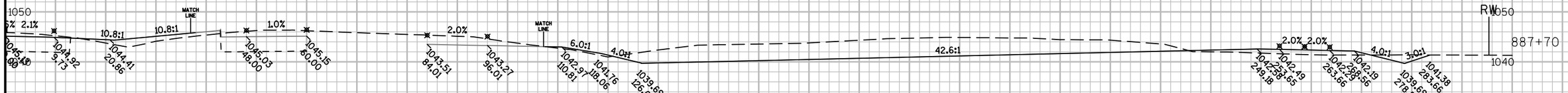
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

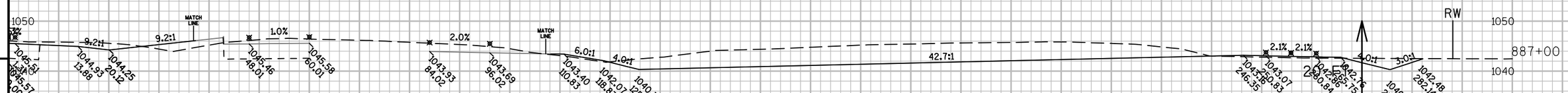
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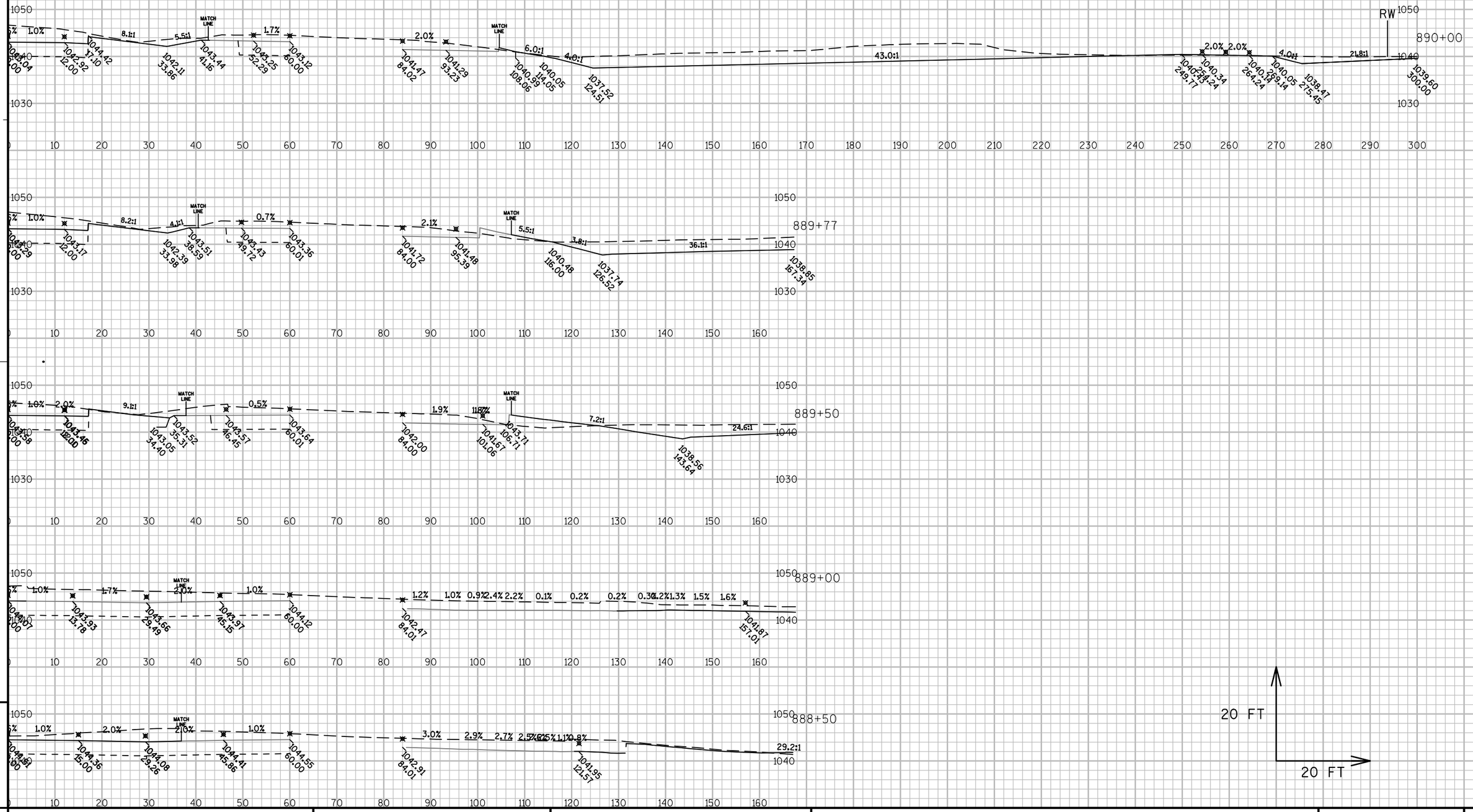




PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 509	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_05.DWG PLOT DATE : 9/30/2014 8:38 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

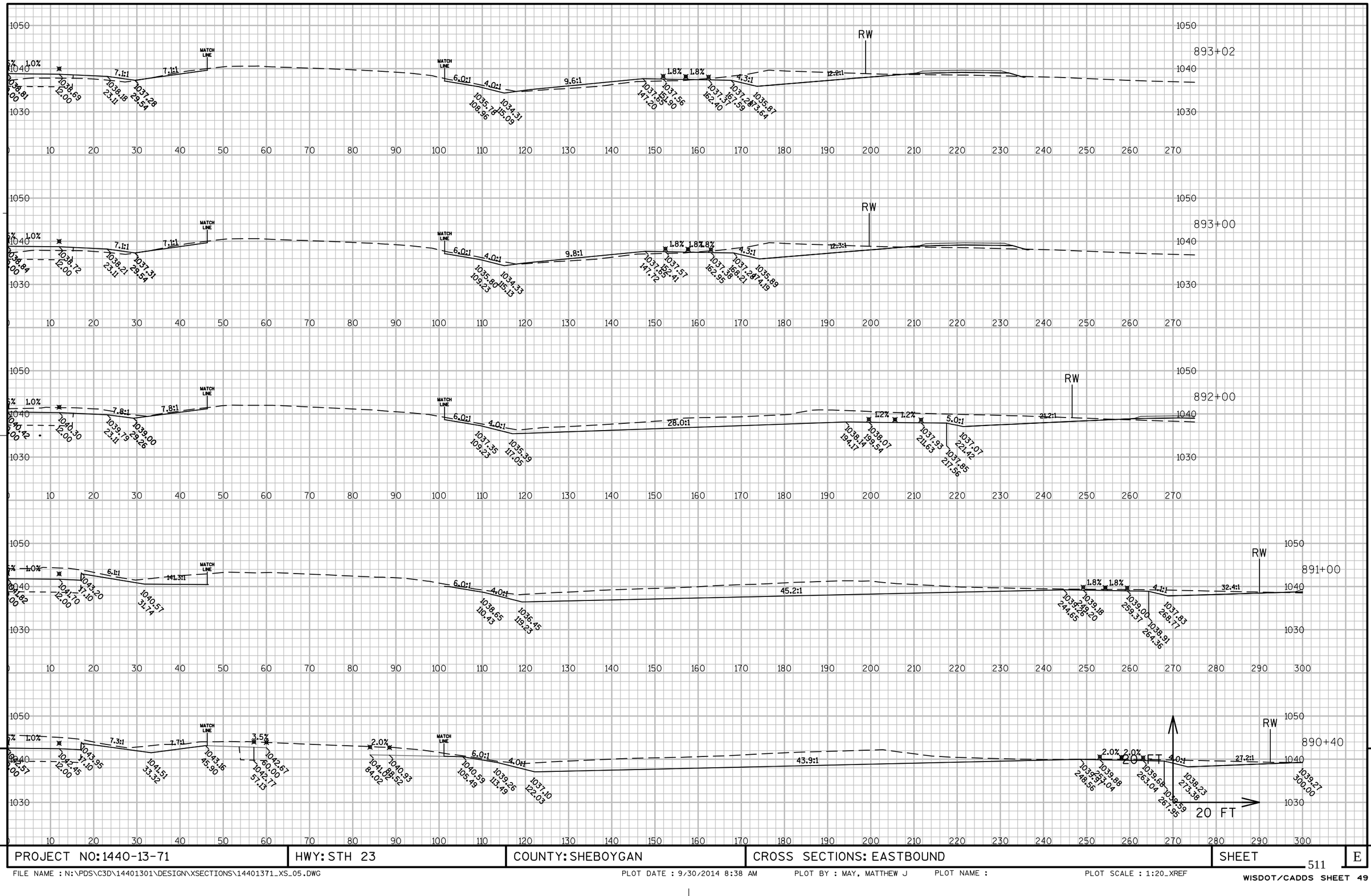
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_05.DWG PLOT DATE : 9/30/2014 8:38 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

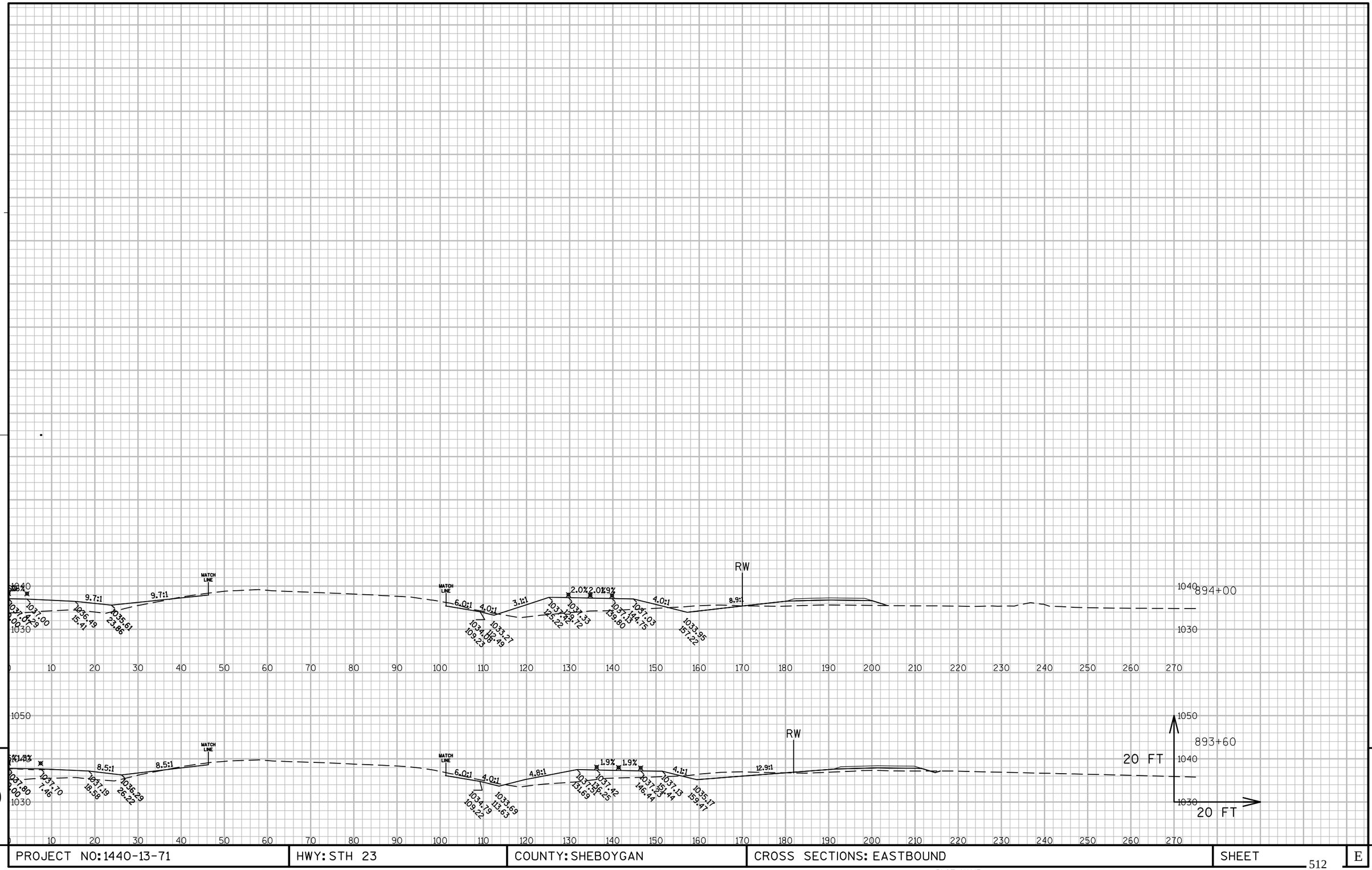


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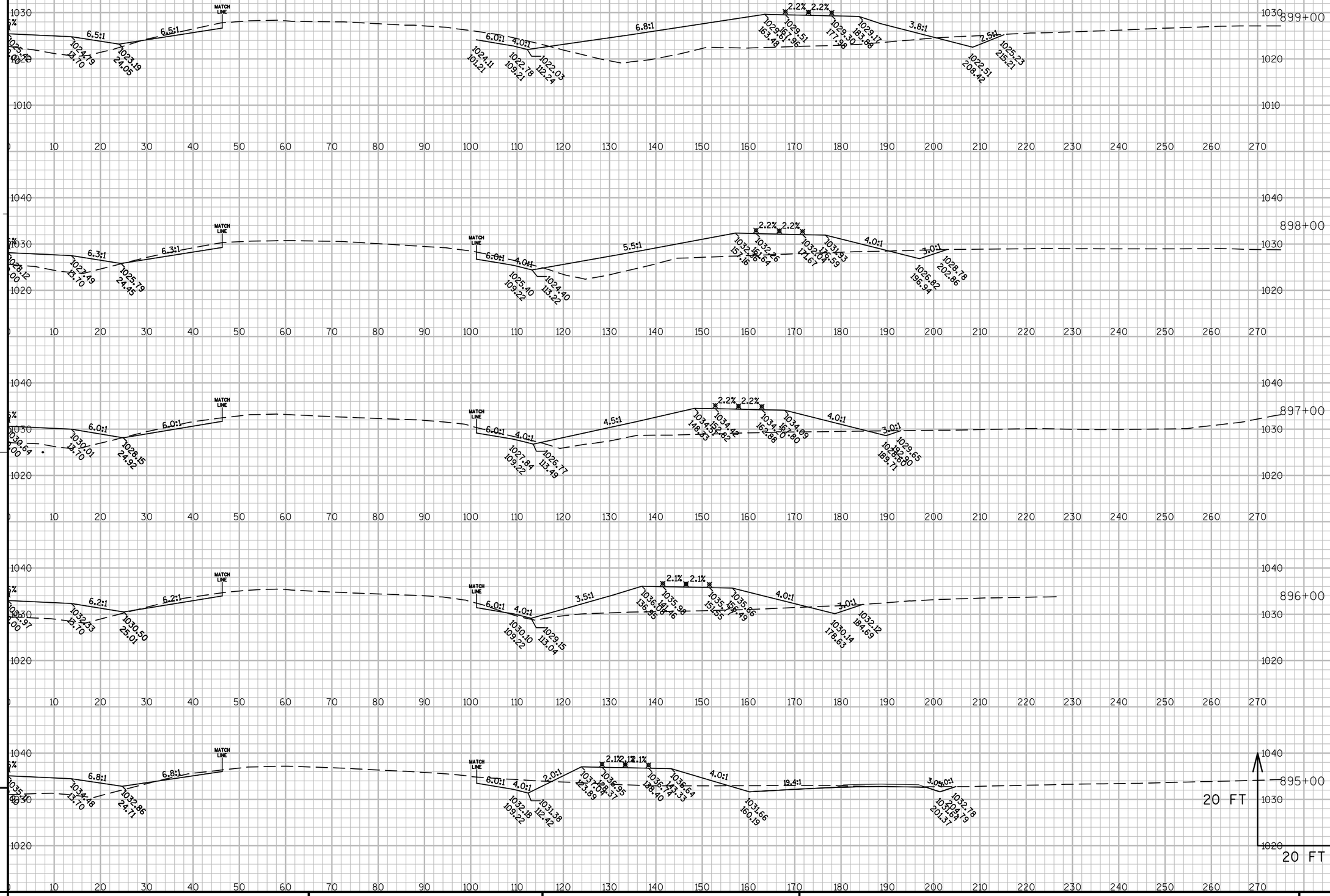
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_05.DWG PLOT DATE : 9/30/2014 8:38 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

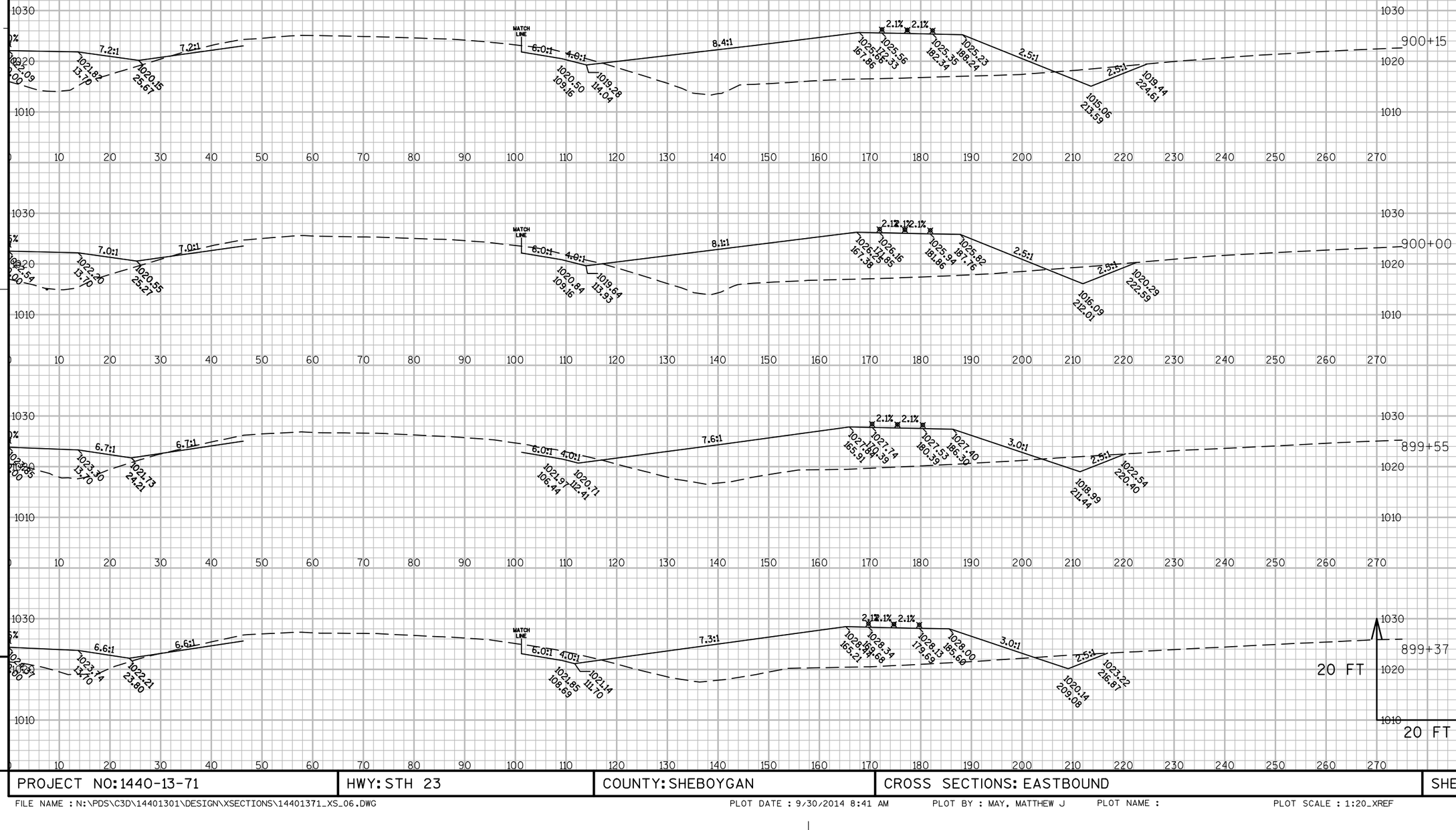
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_06.DWG PLOT DATE : 9/30/2014 8:41 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

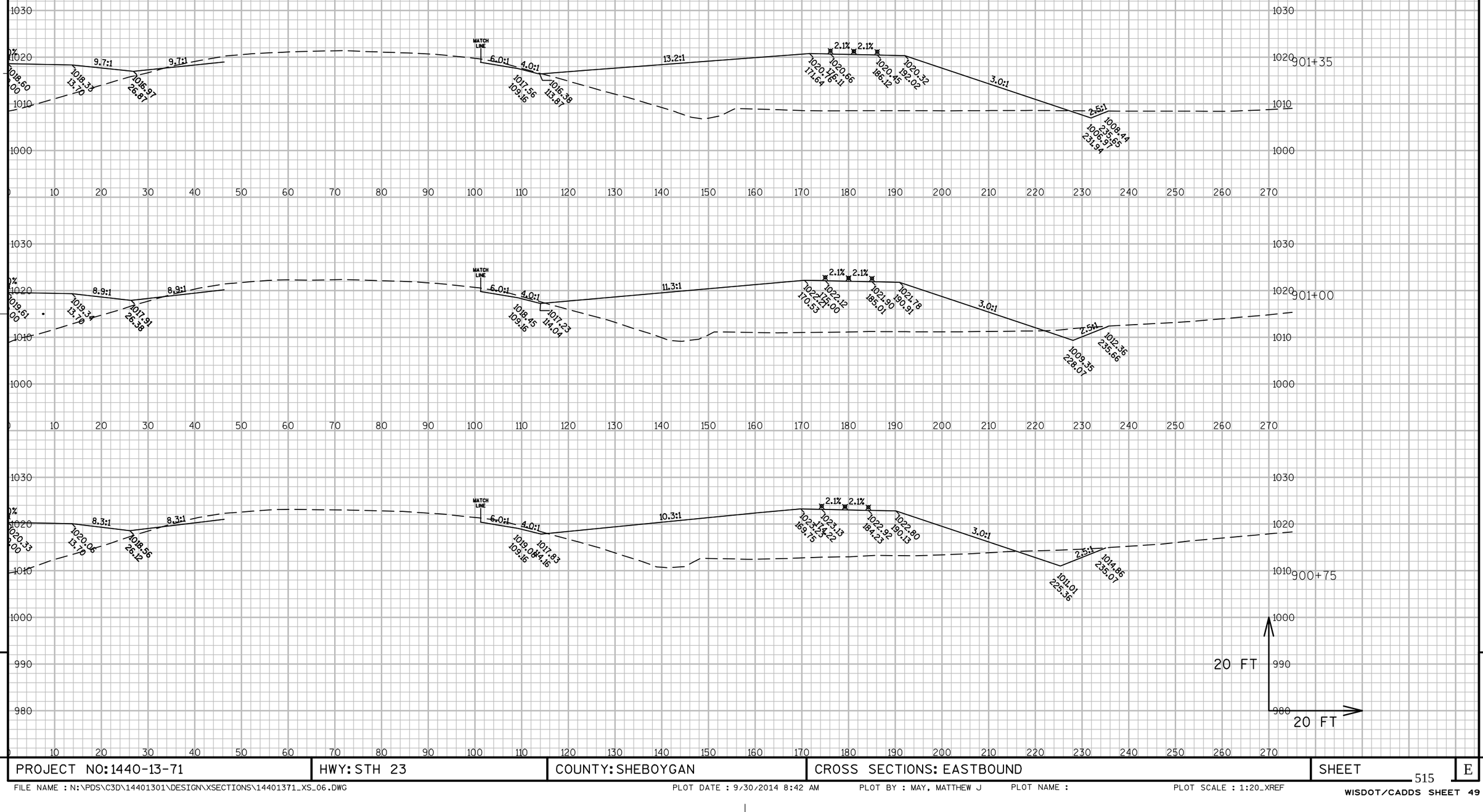
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 514	E

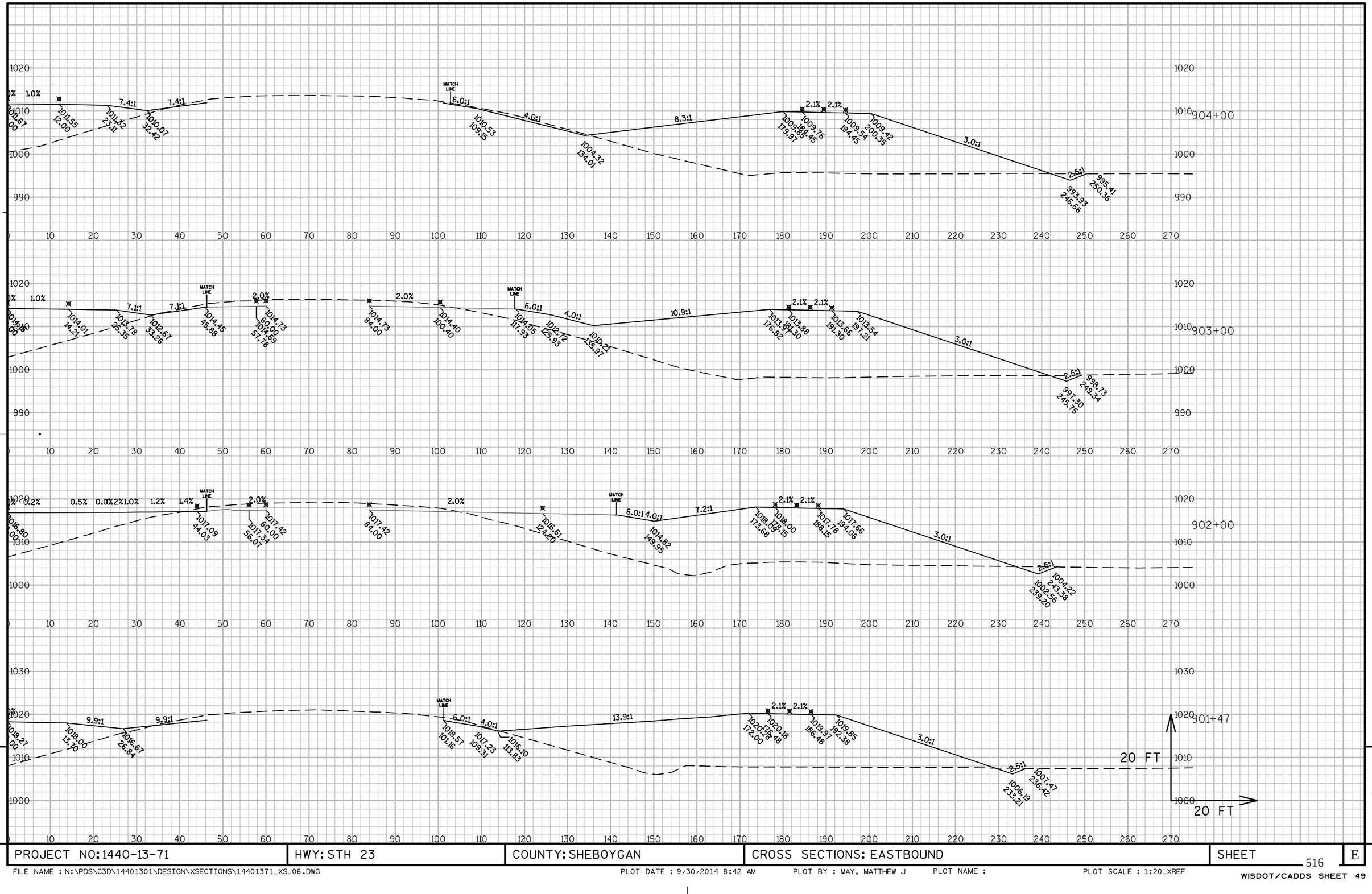
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WISDOT/CADDS SHEET 49



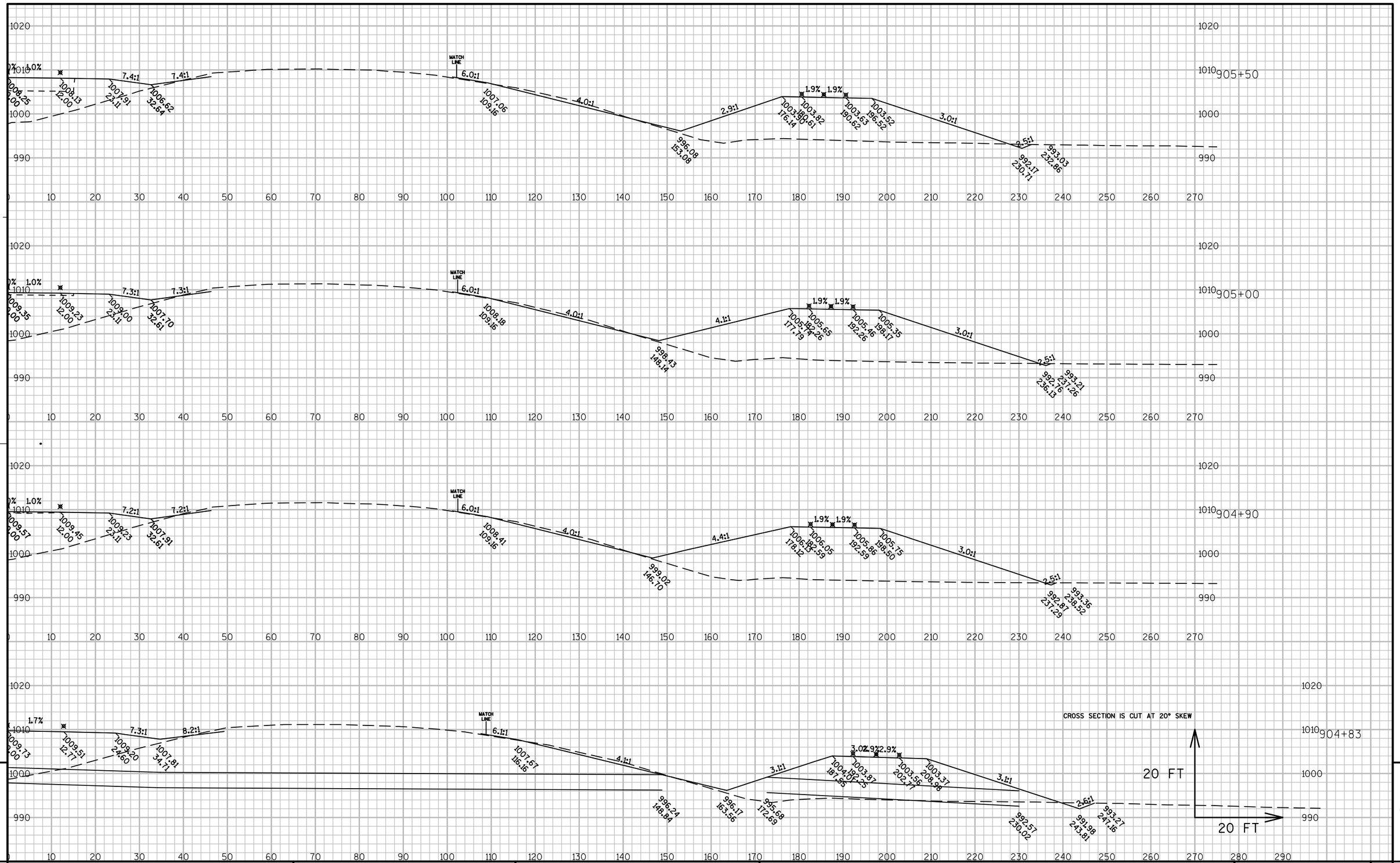
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_06.DWG PLOT DATE : 9/30/2014 8:42 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

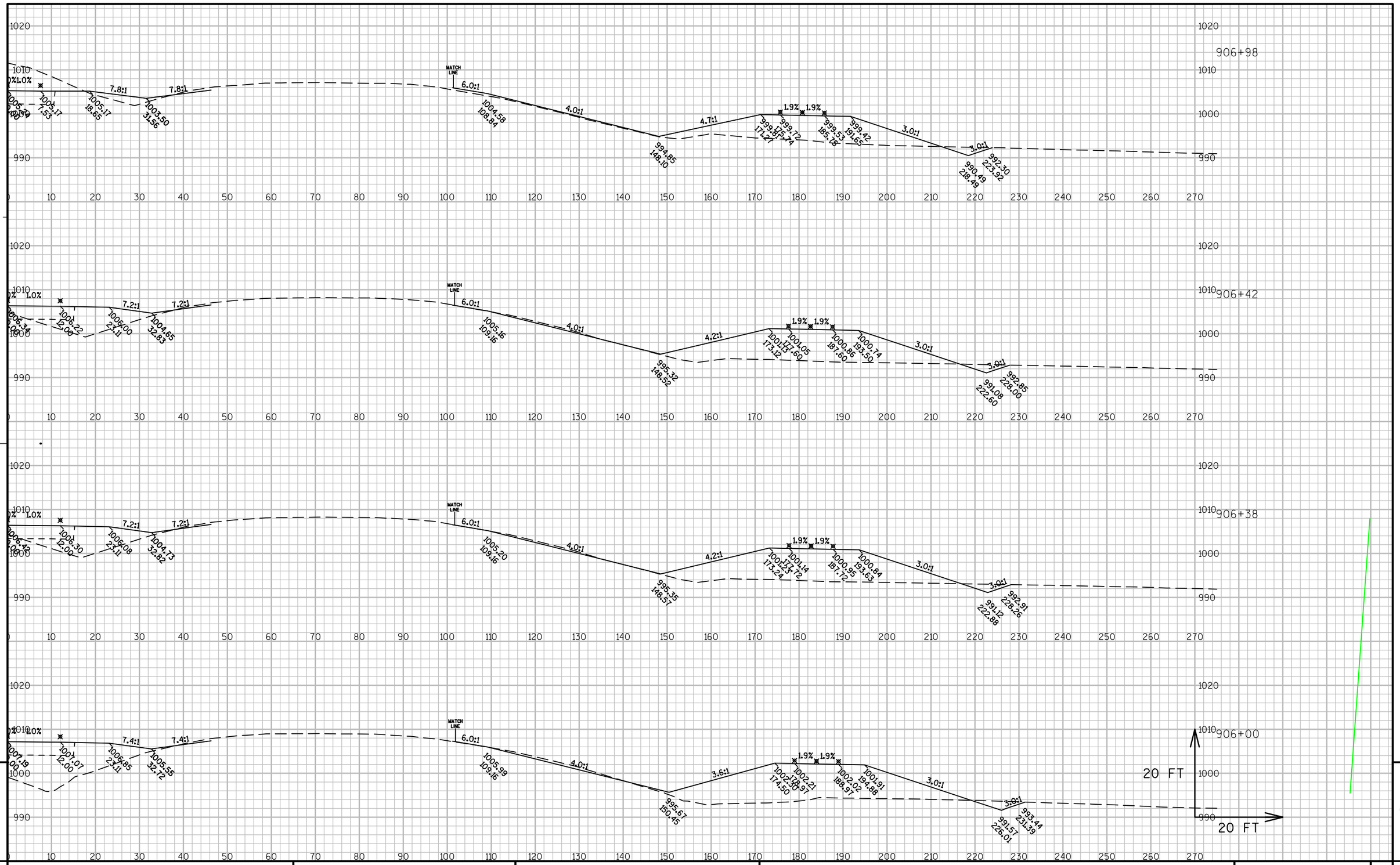
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_06.DWG PLOT DATE : 9/30/2014 8:42 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

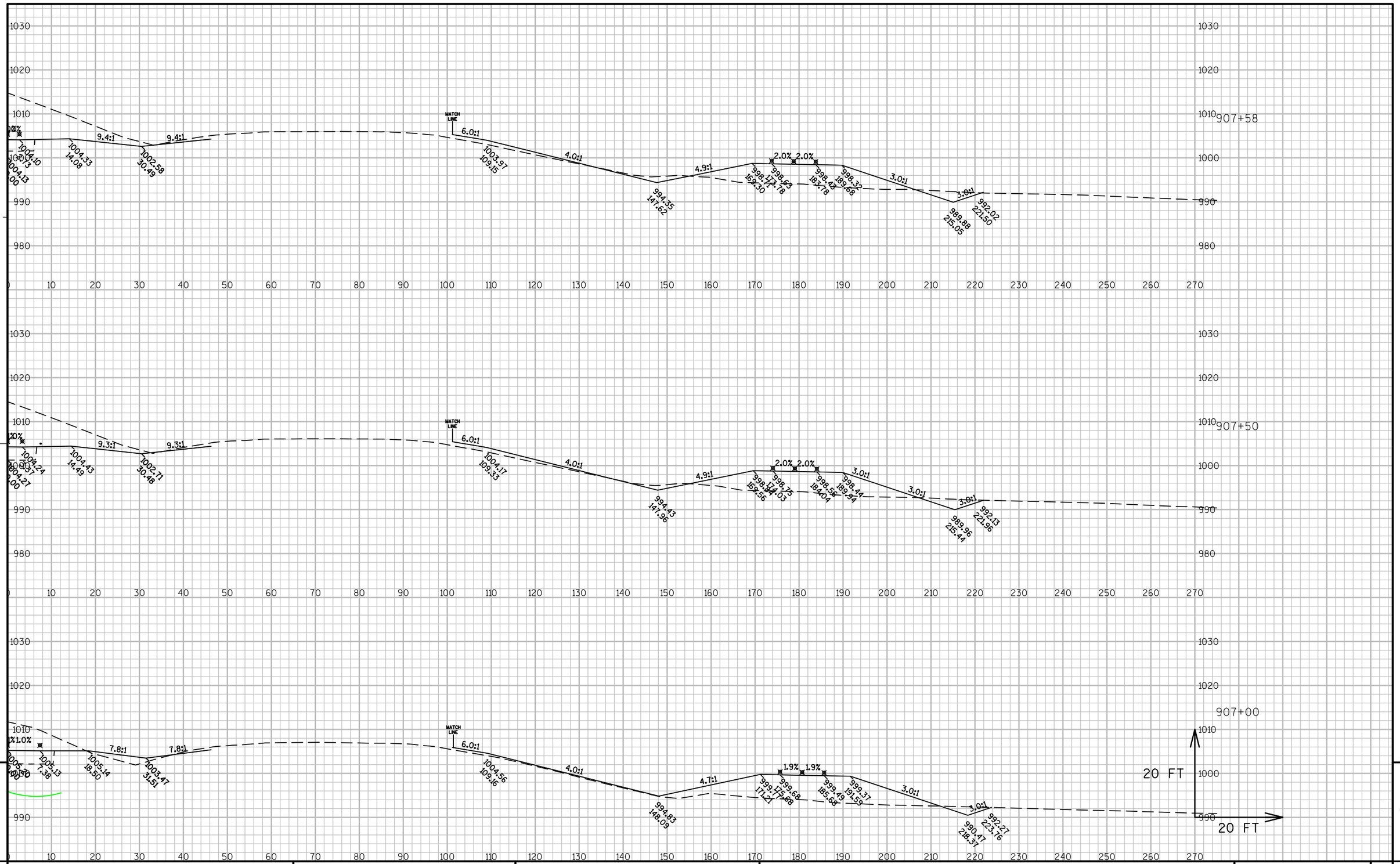
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_06.DWG PLOT DATE : 9/30/2014 8:43 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

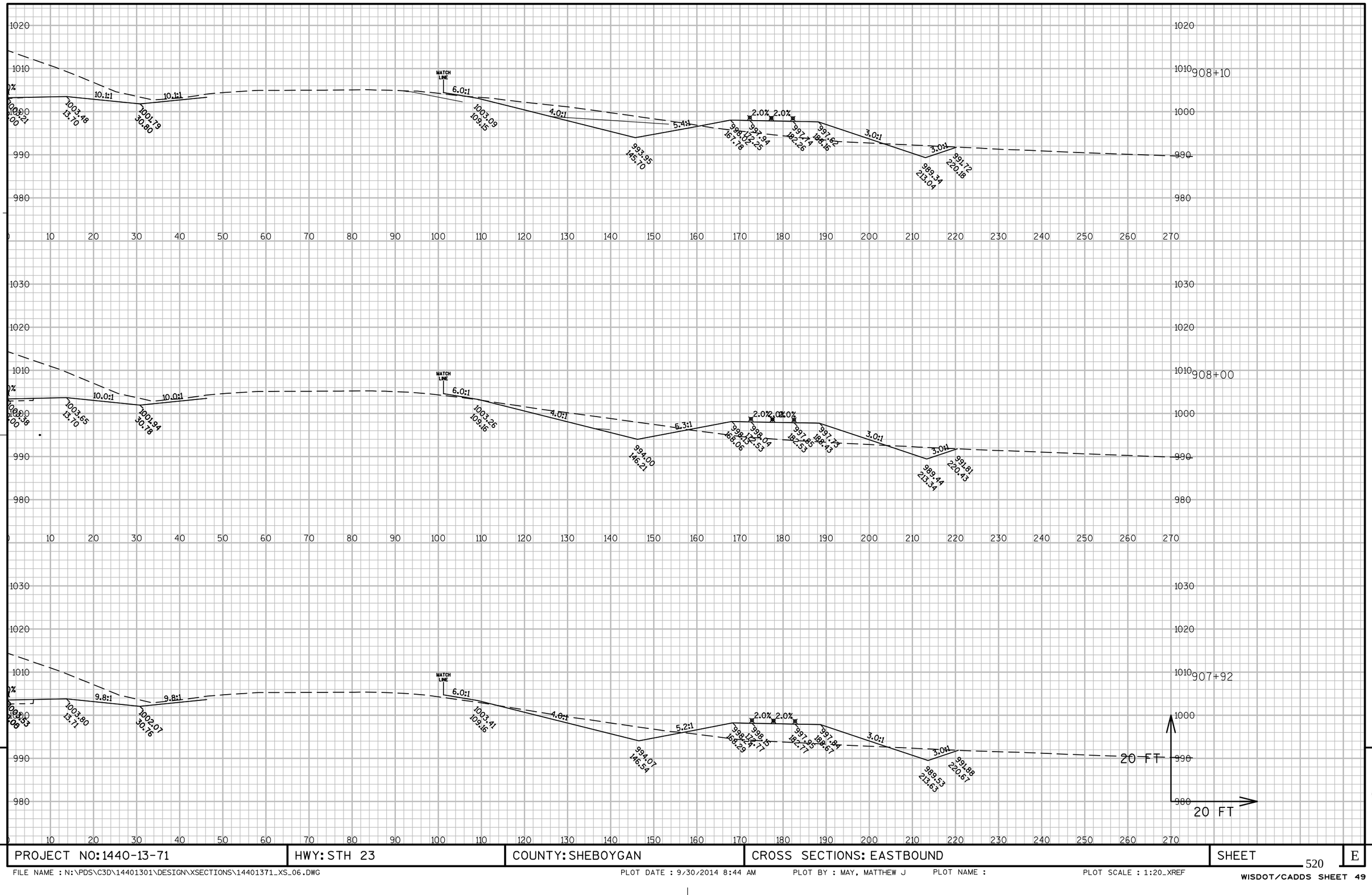
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

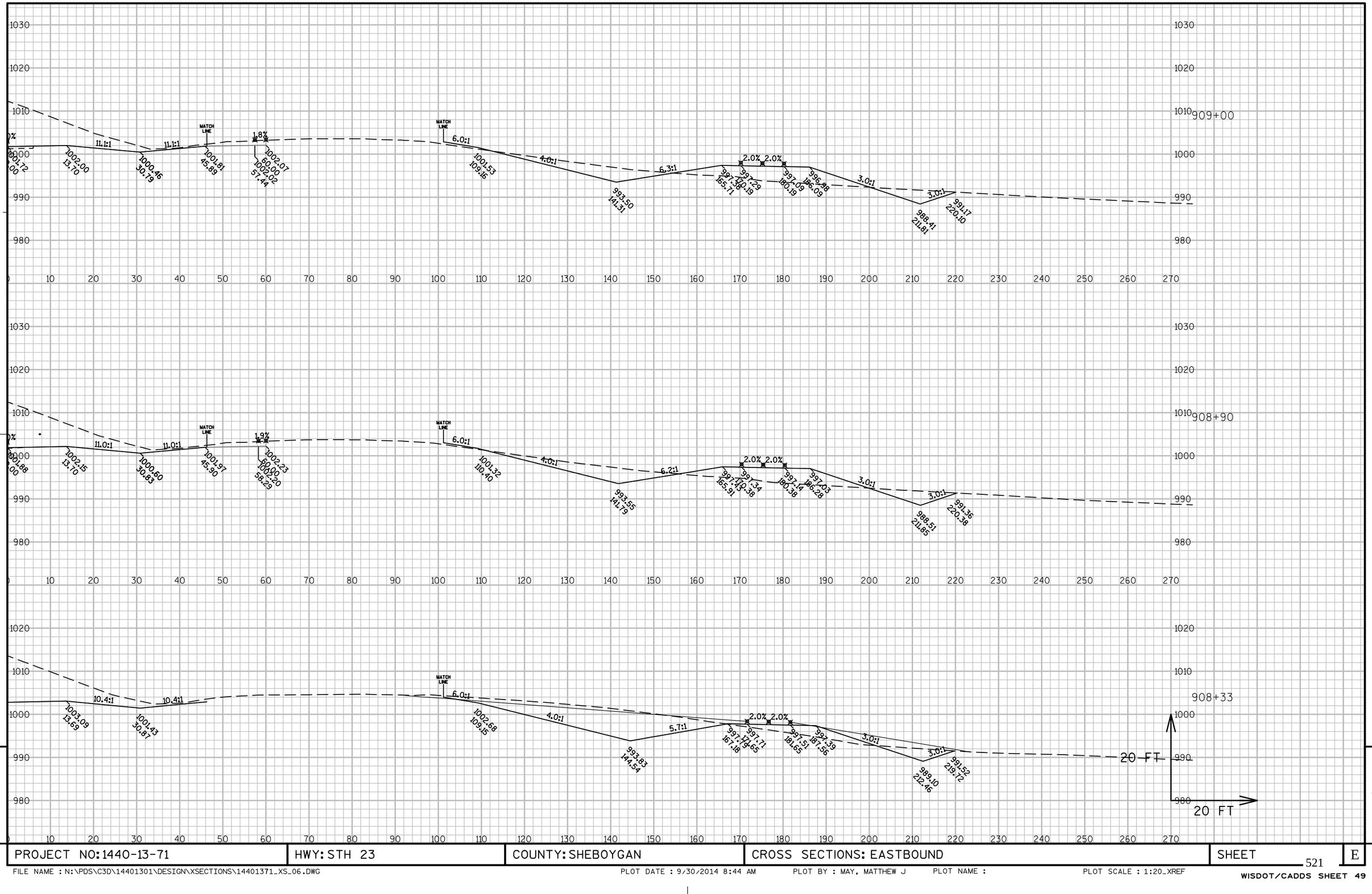
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

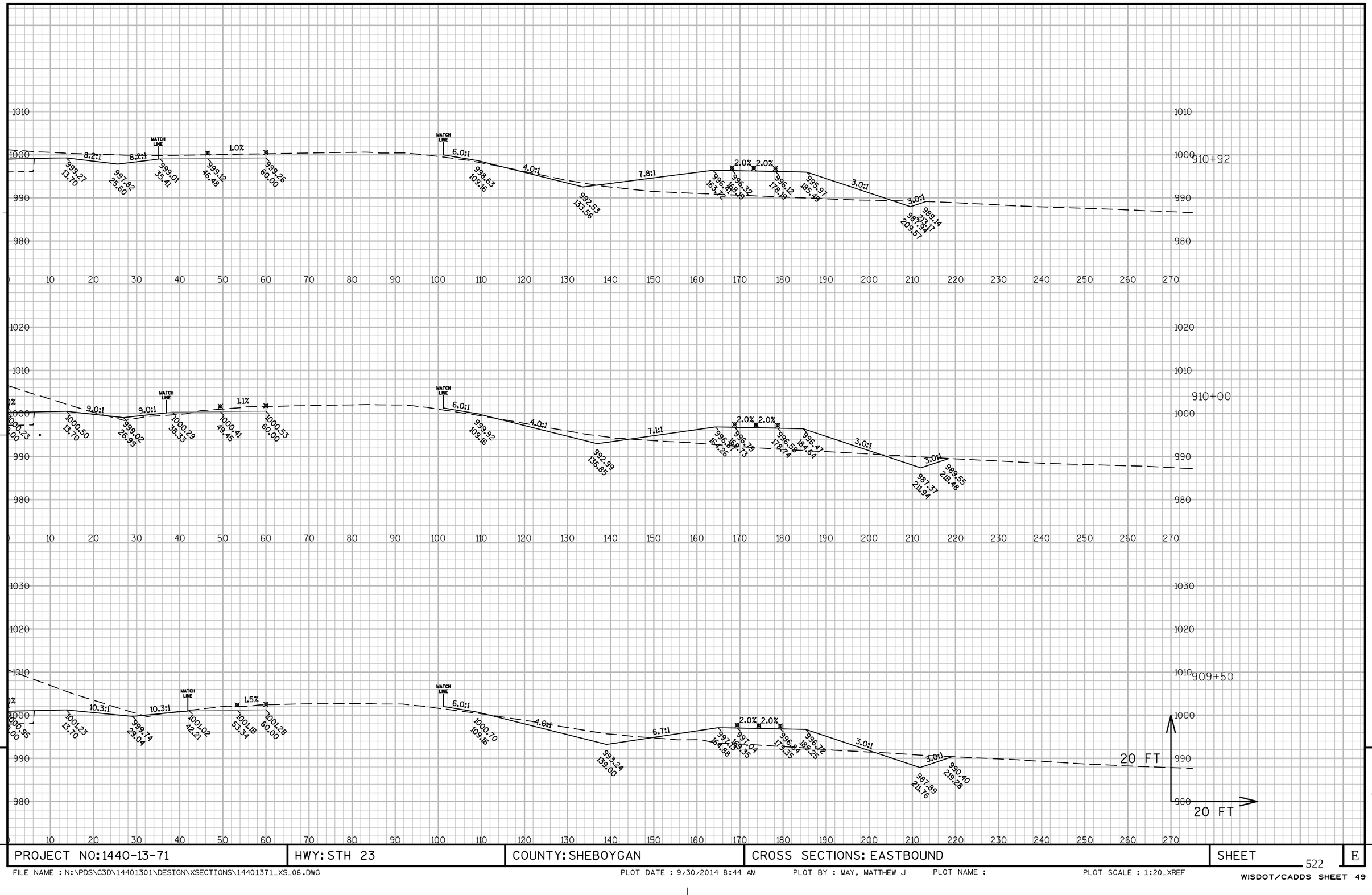
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_06.DWG PLOT DATE : 9/30/2014 8:44 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

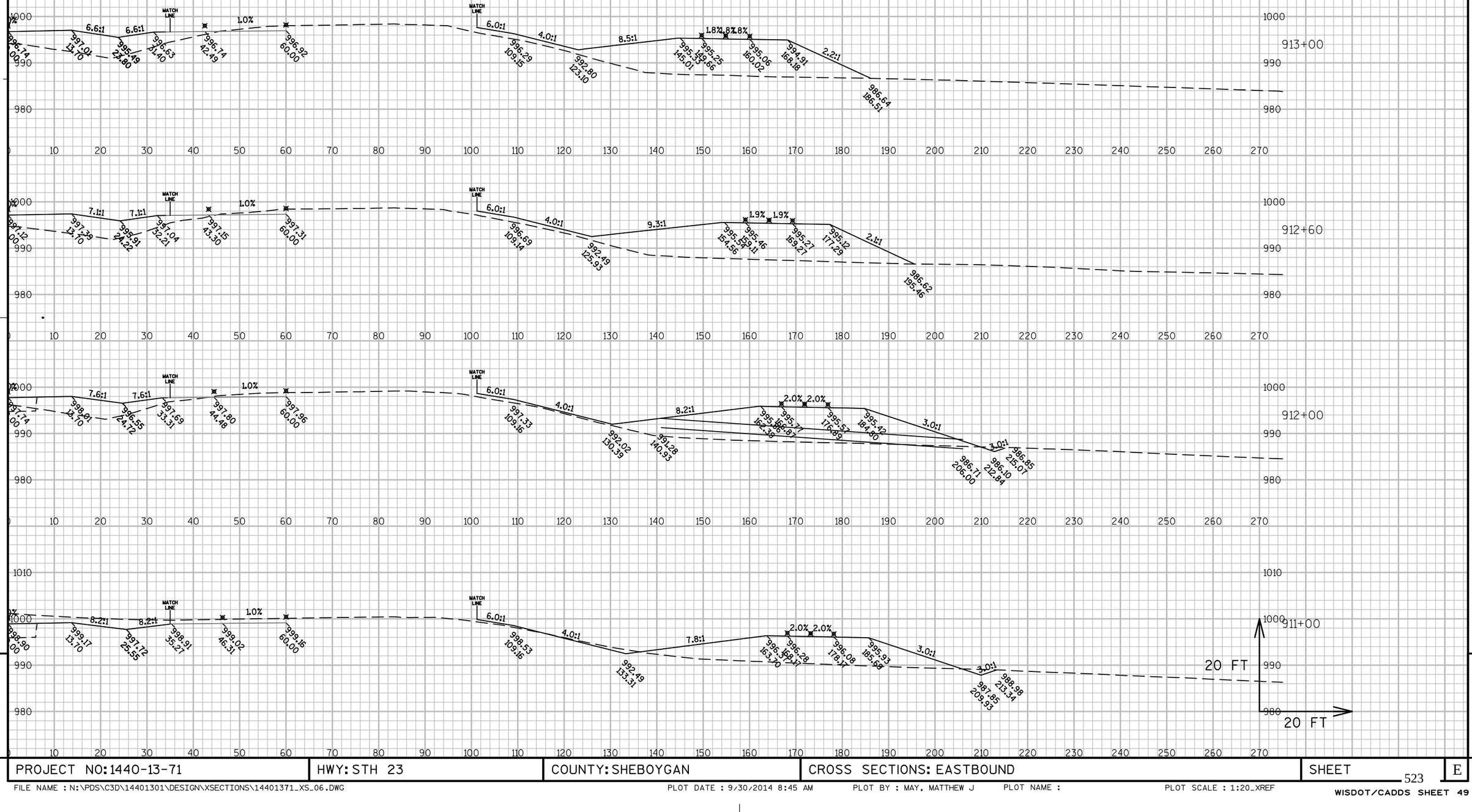
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

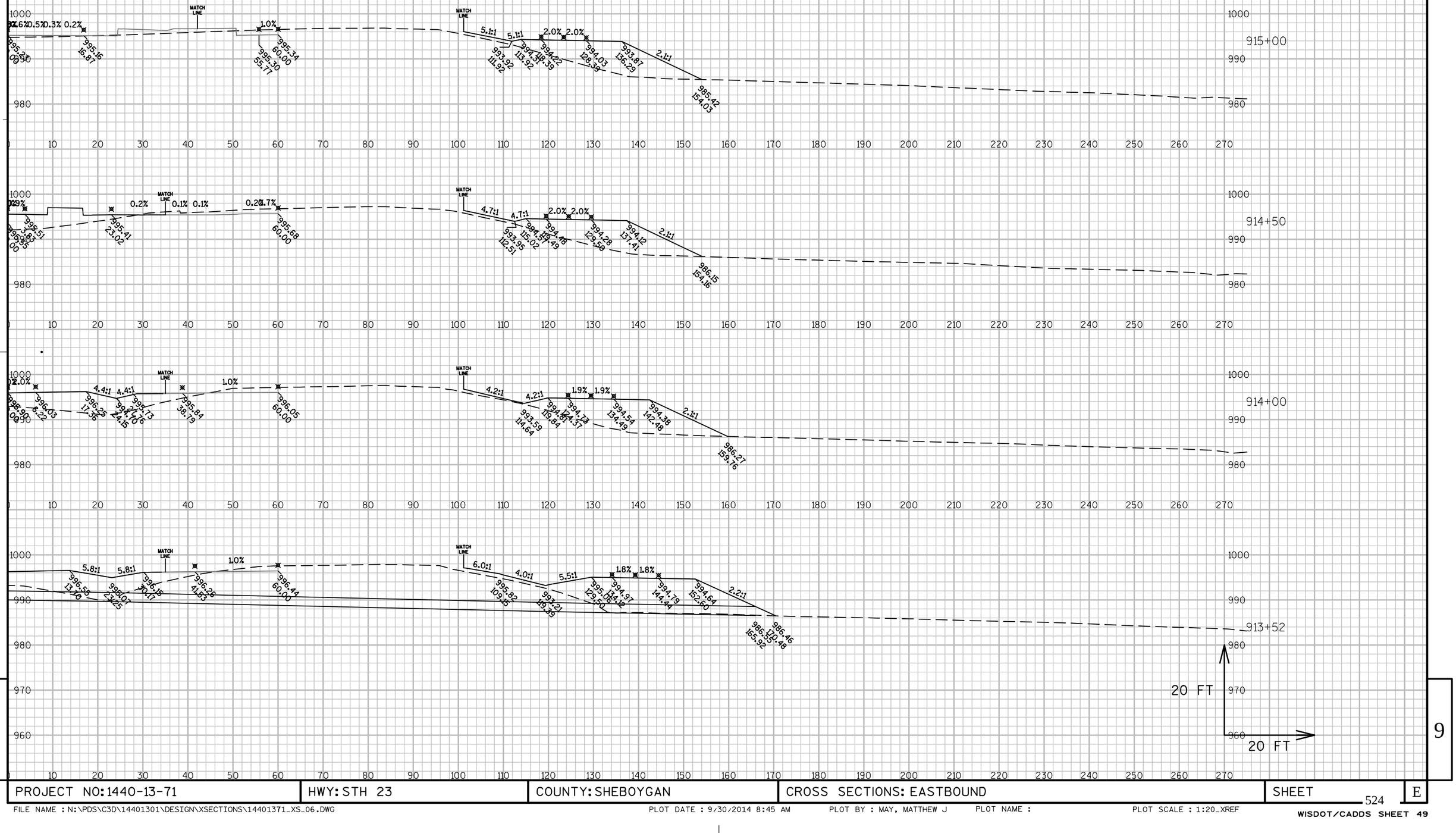
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_06.DWG PLOT DATE : 9/30/2014 8:45 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

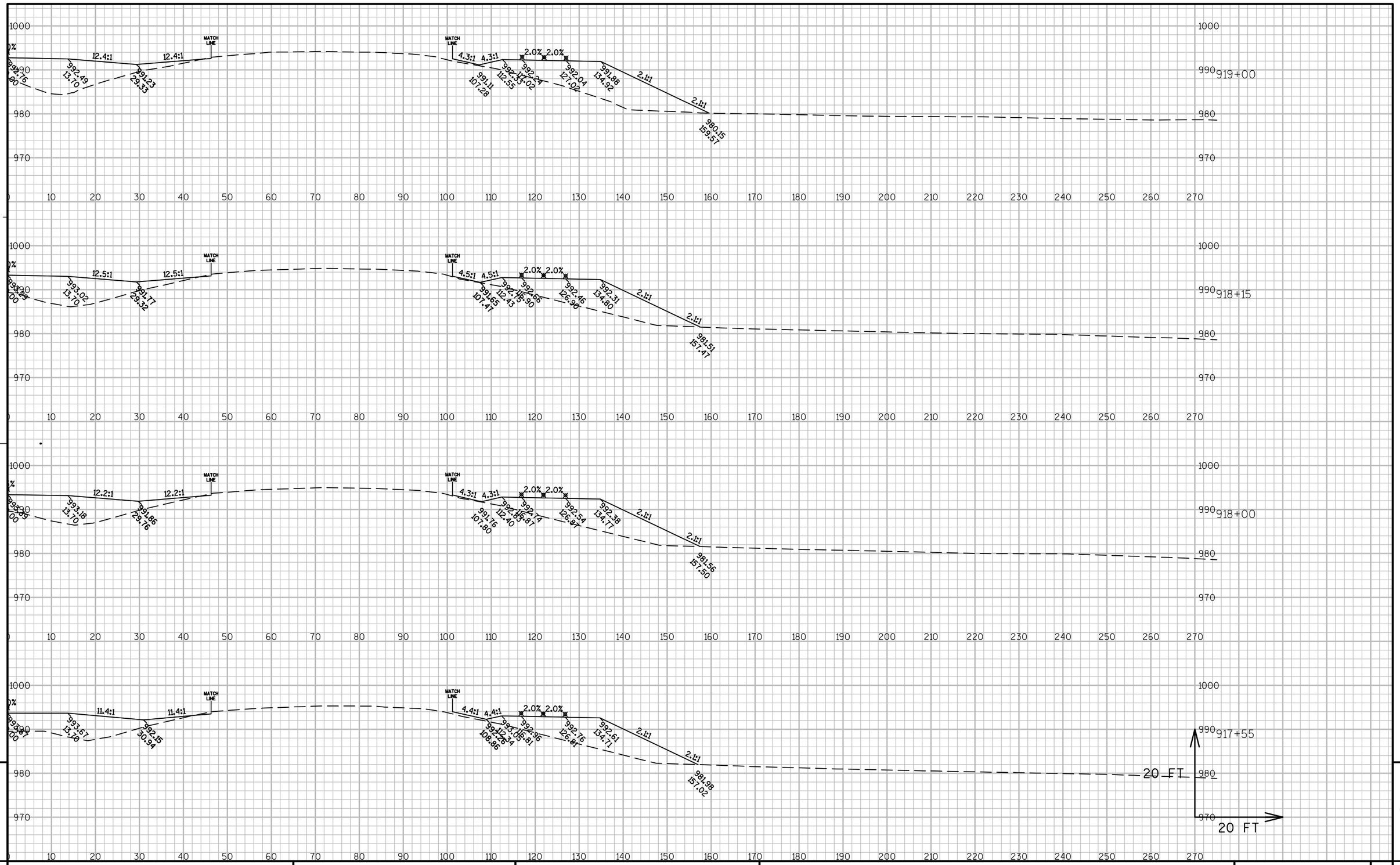
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WISDOT/CADDS SHEET 49

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

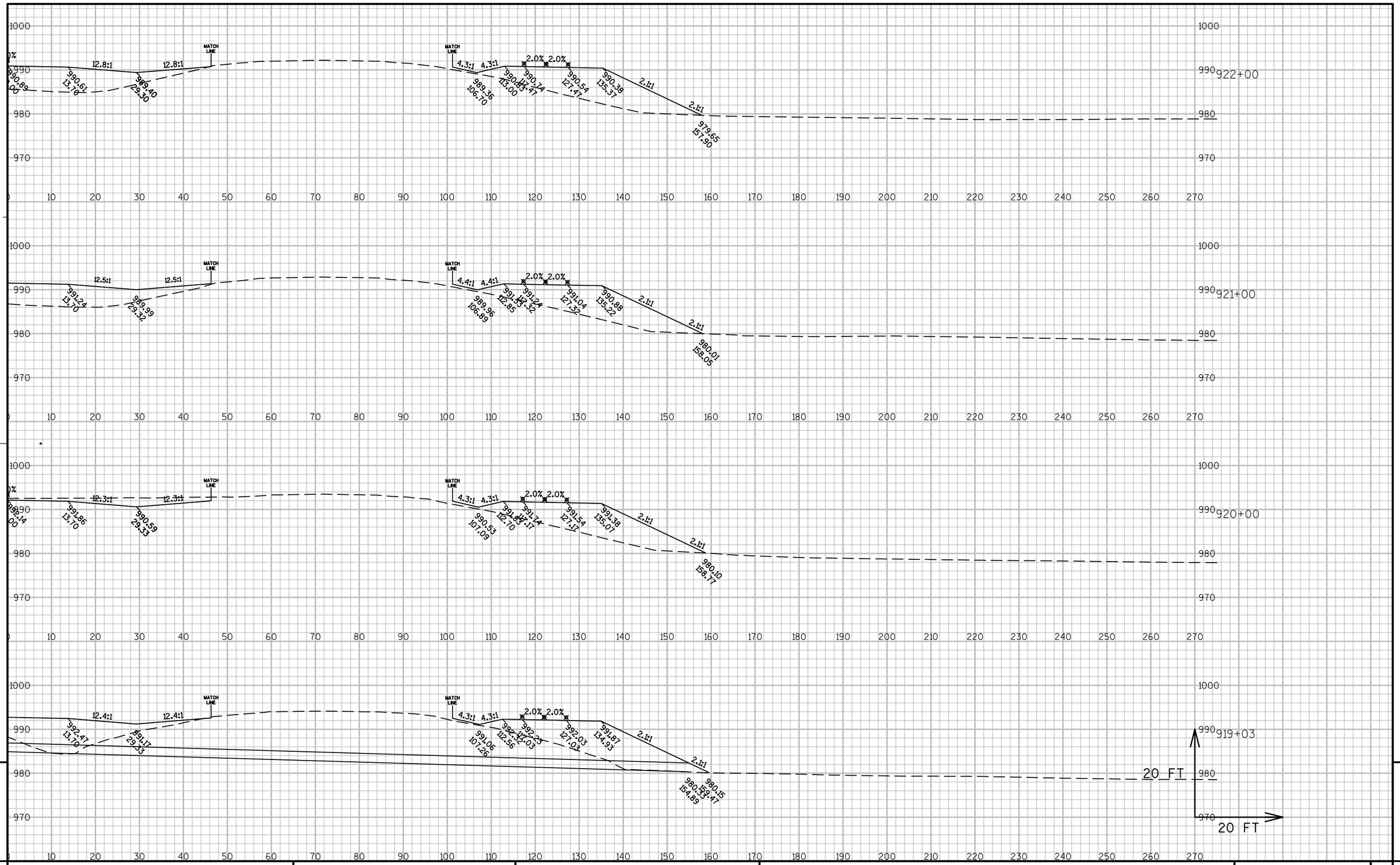
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_06.DWG PLOT DATE : 9/30/2014 8:46 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

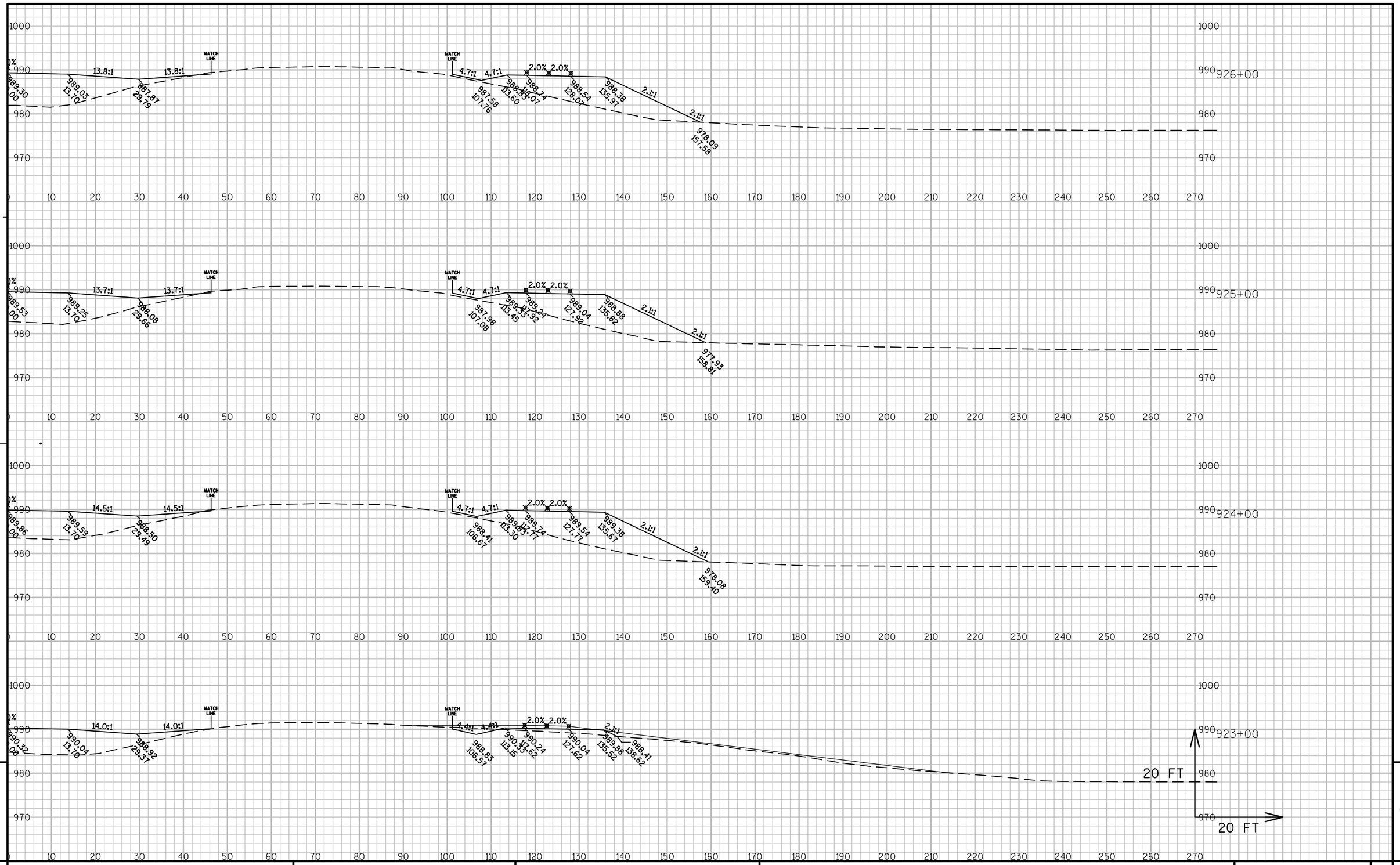
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_06.DWG PLOT DATE : 9/30/2014 8:46 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_06.DWG PLOT DATE : 9/30/2014 8:47 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

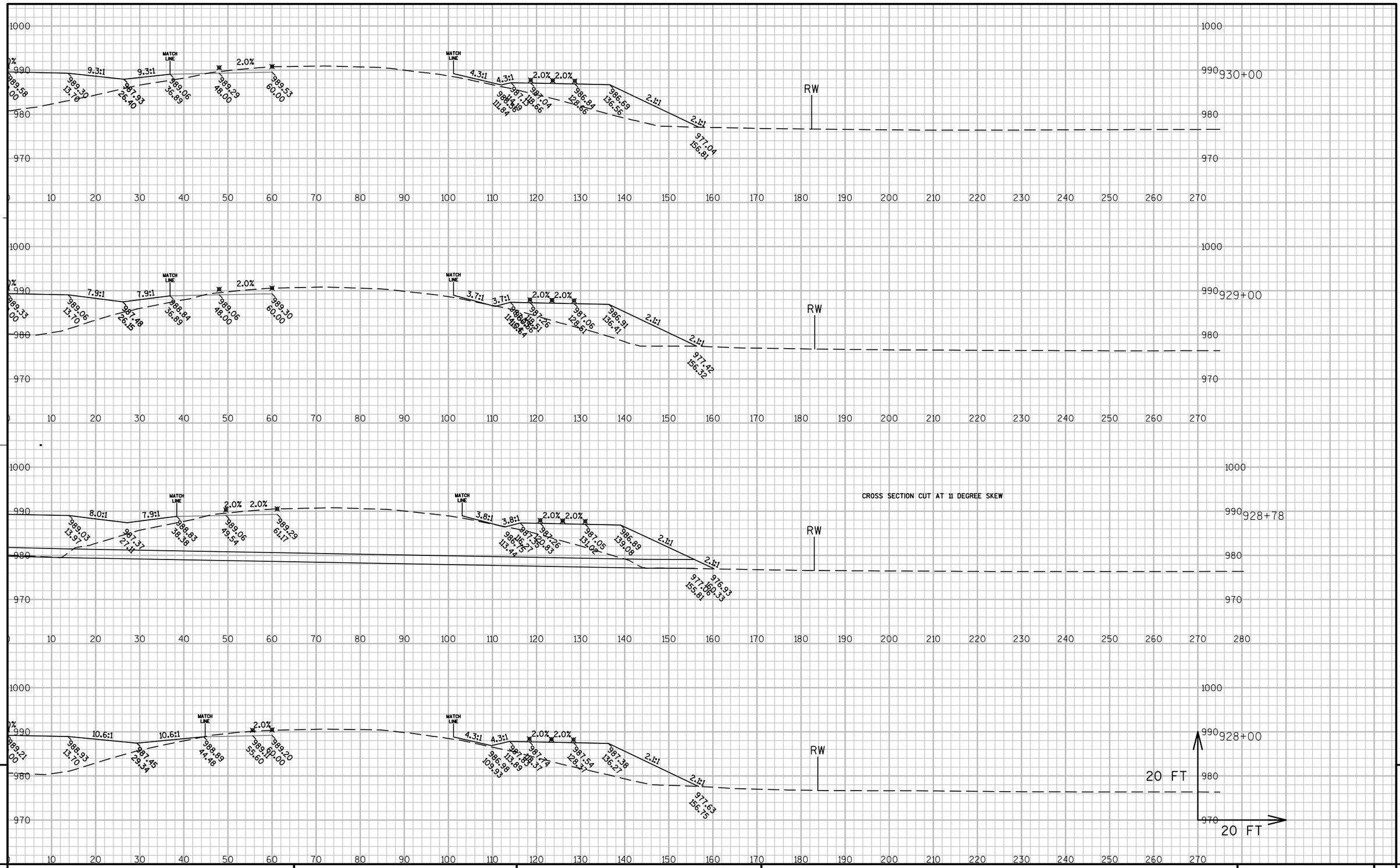


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

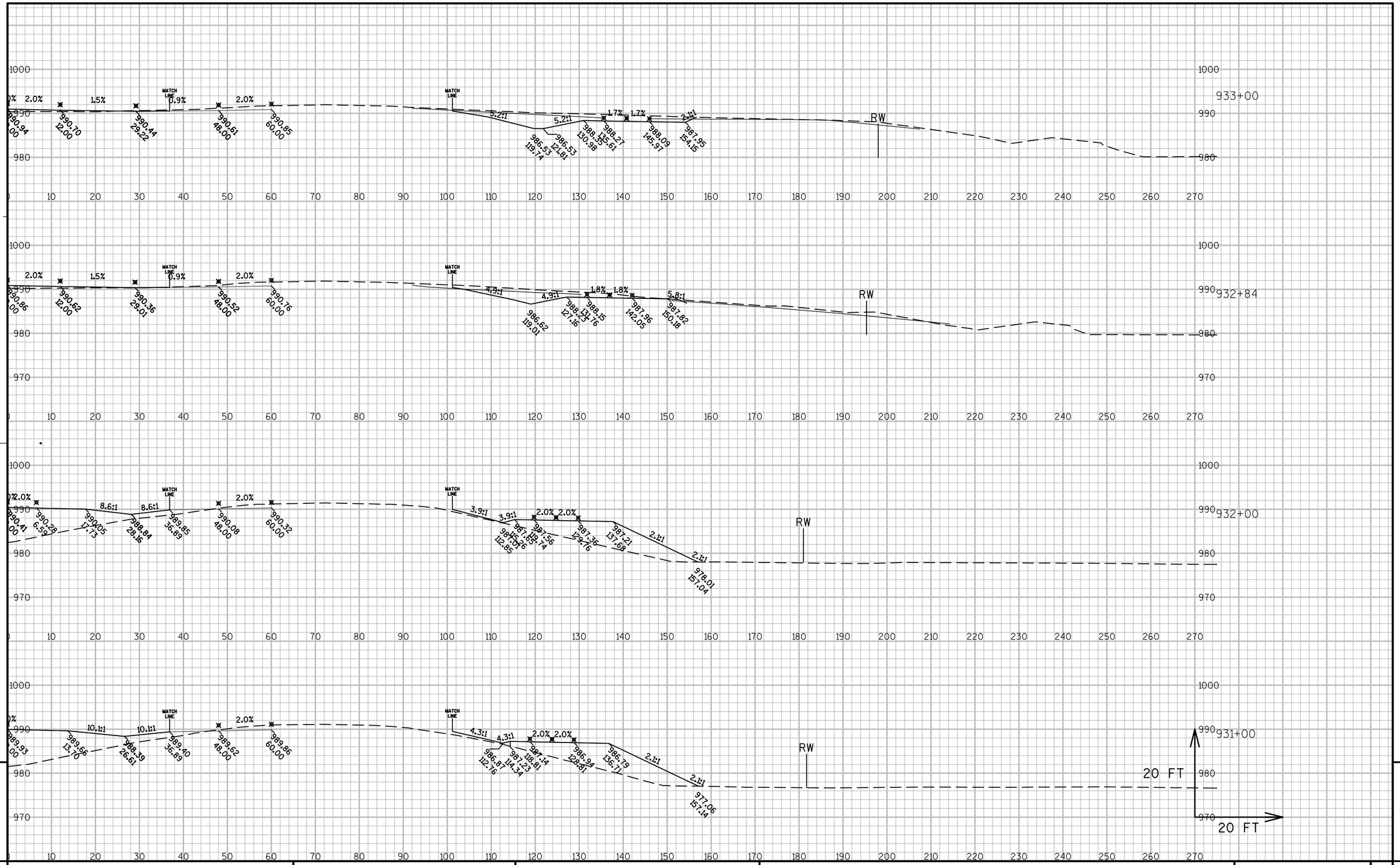
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_07.DWG PLOT DATE : 9/30/2014 8:49 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

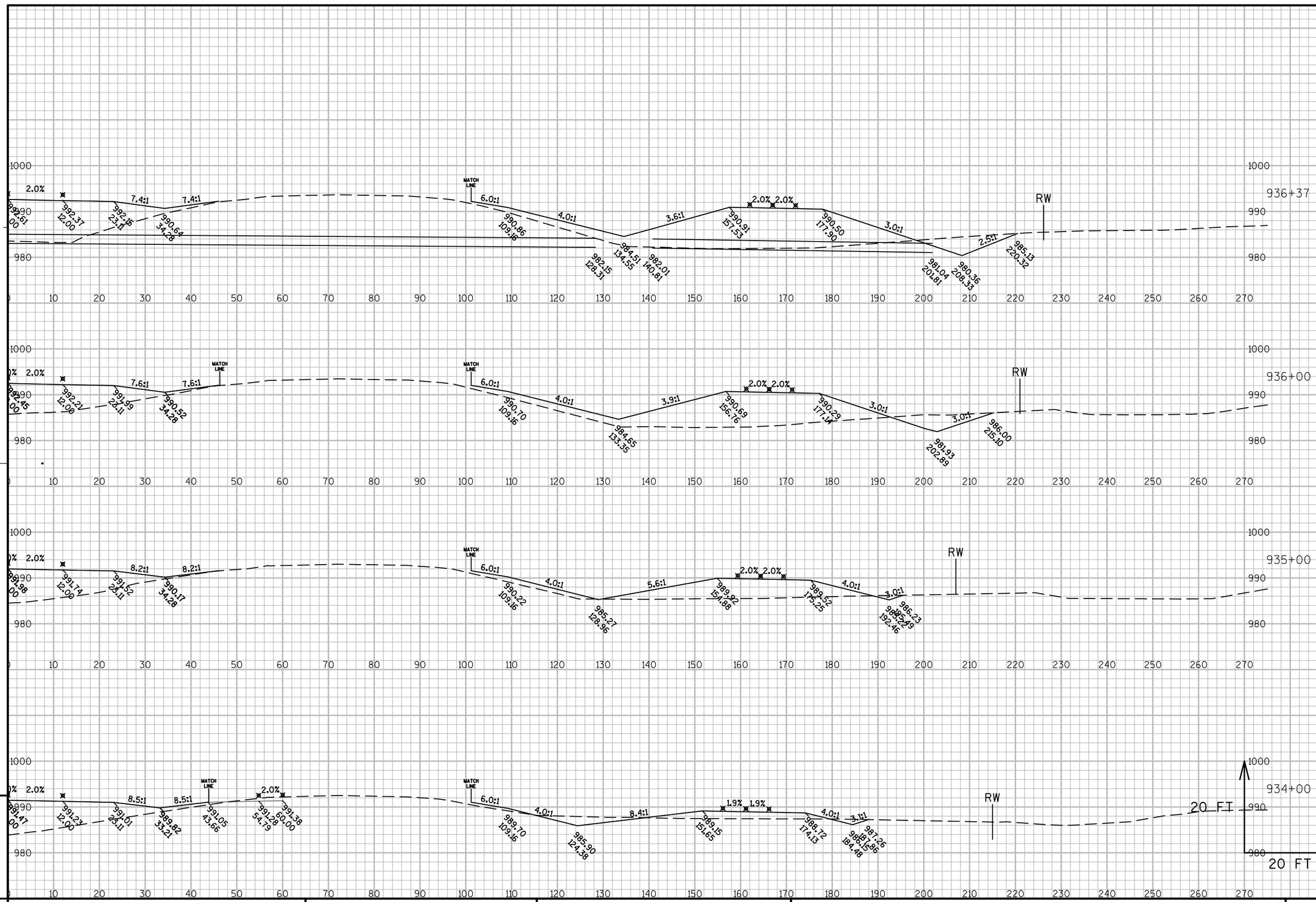
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

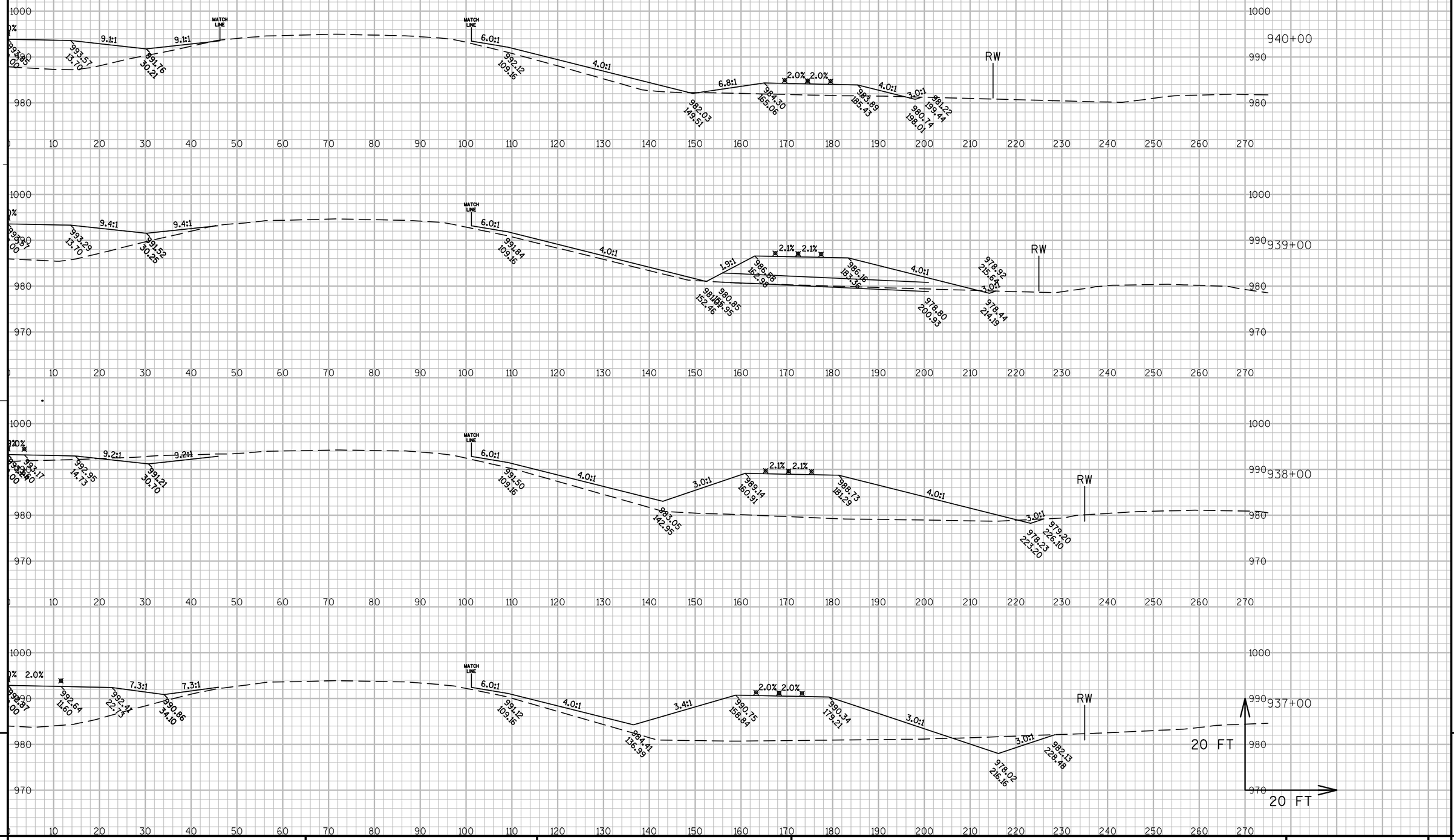
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

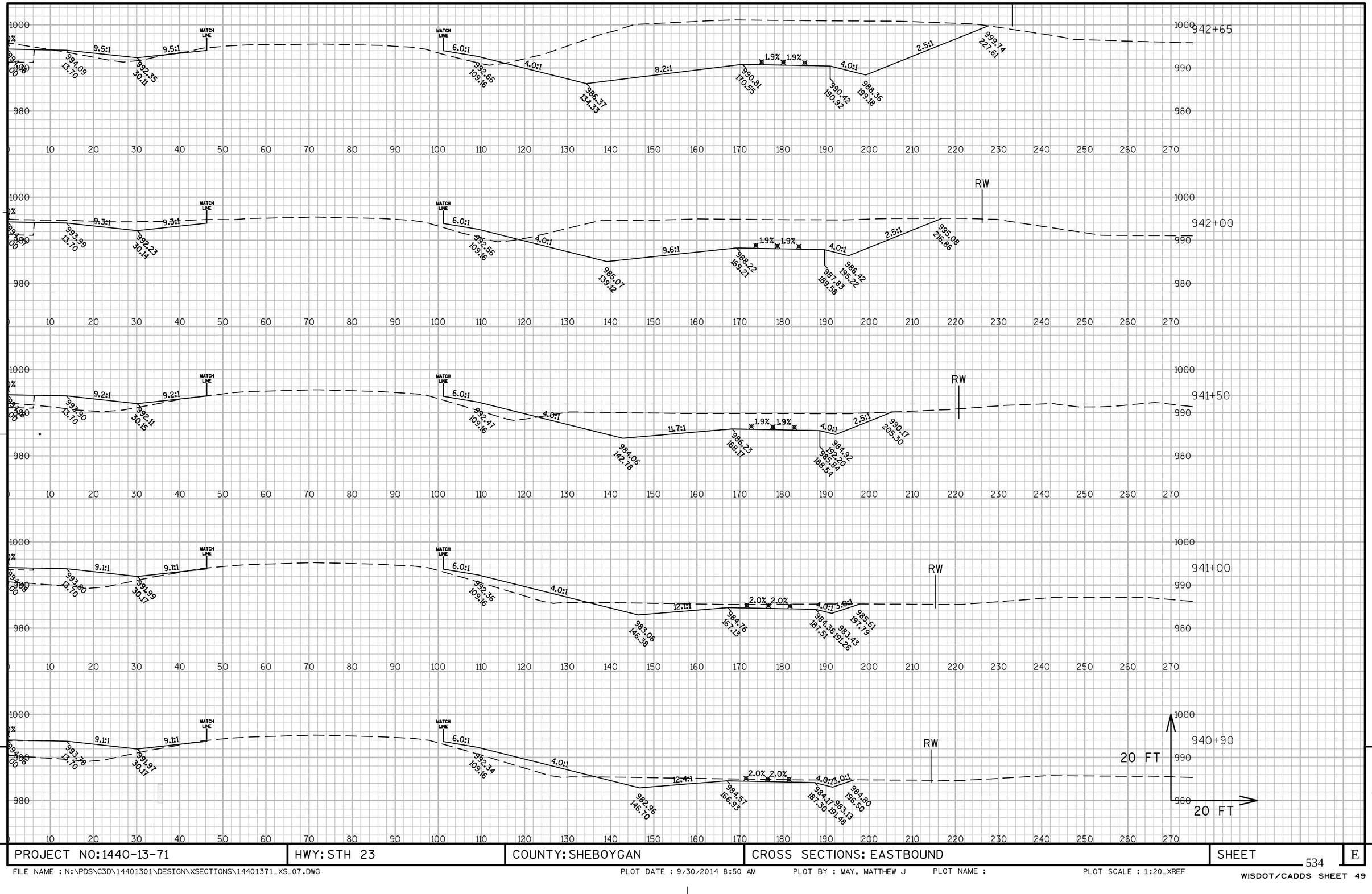
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

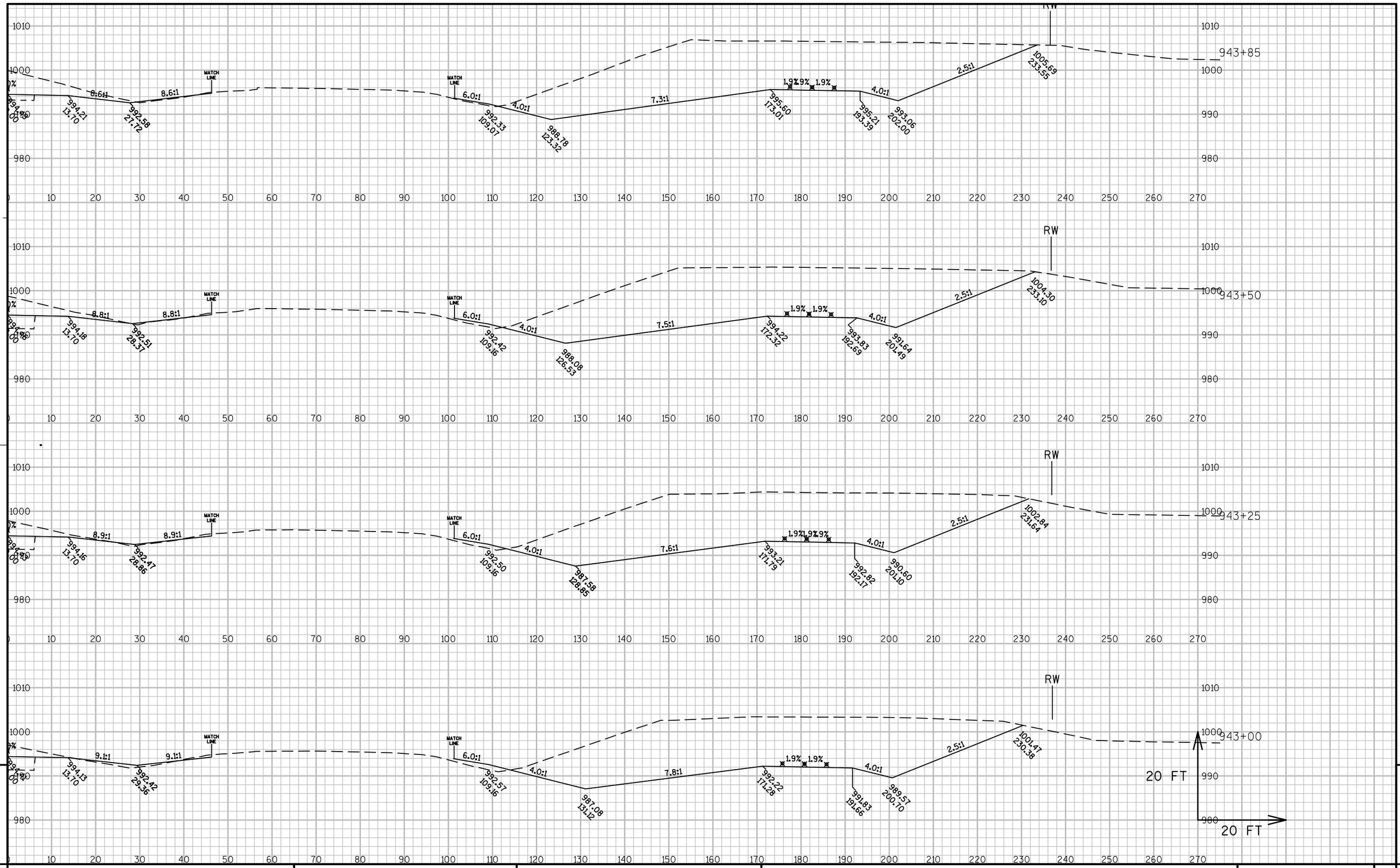
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WISDOT/CADDS SHEET 49



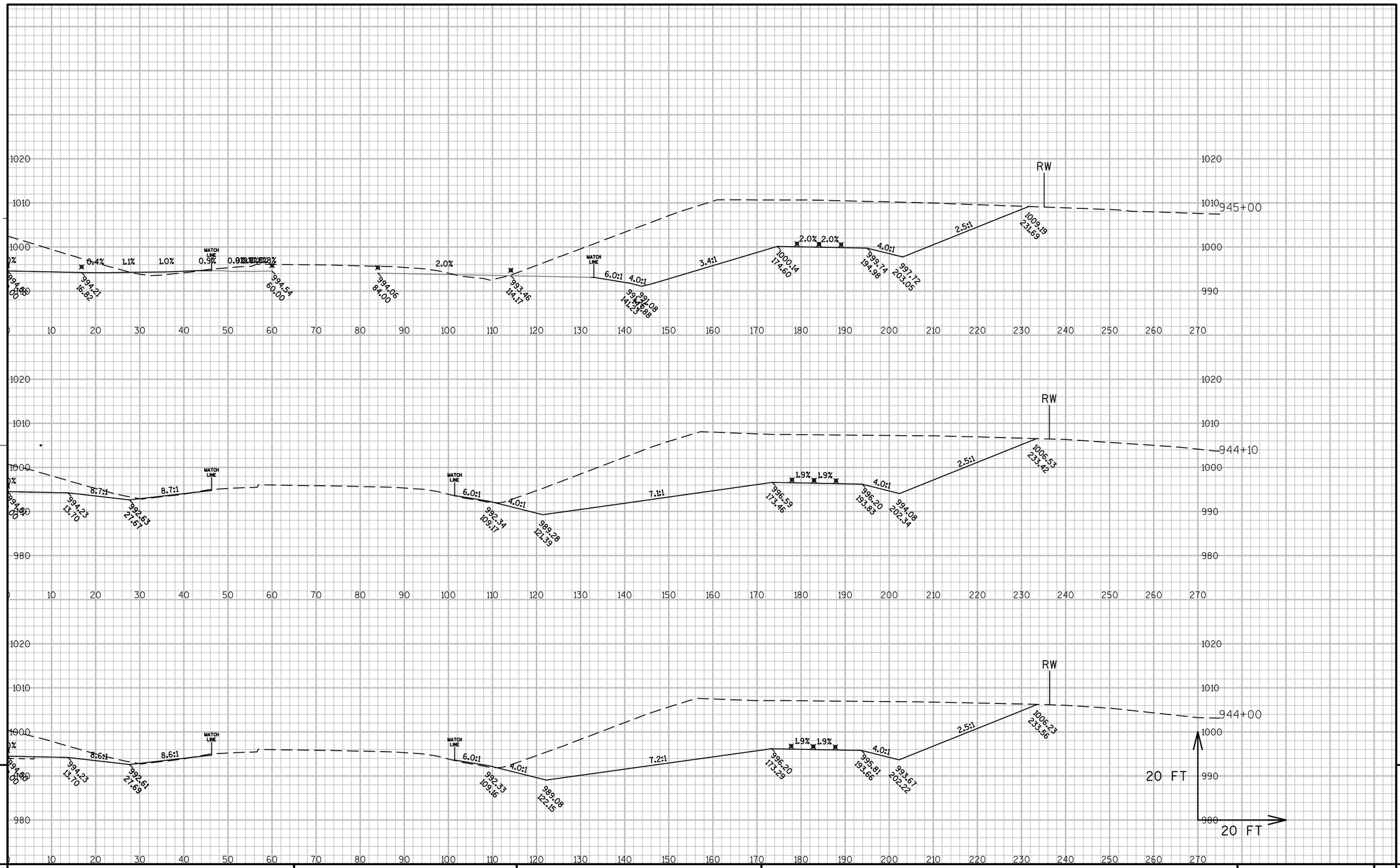
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_07.DWG PLOT DATE : 9/30/2014 8:50 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



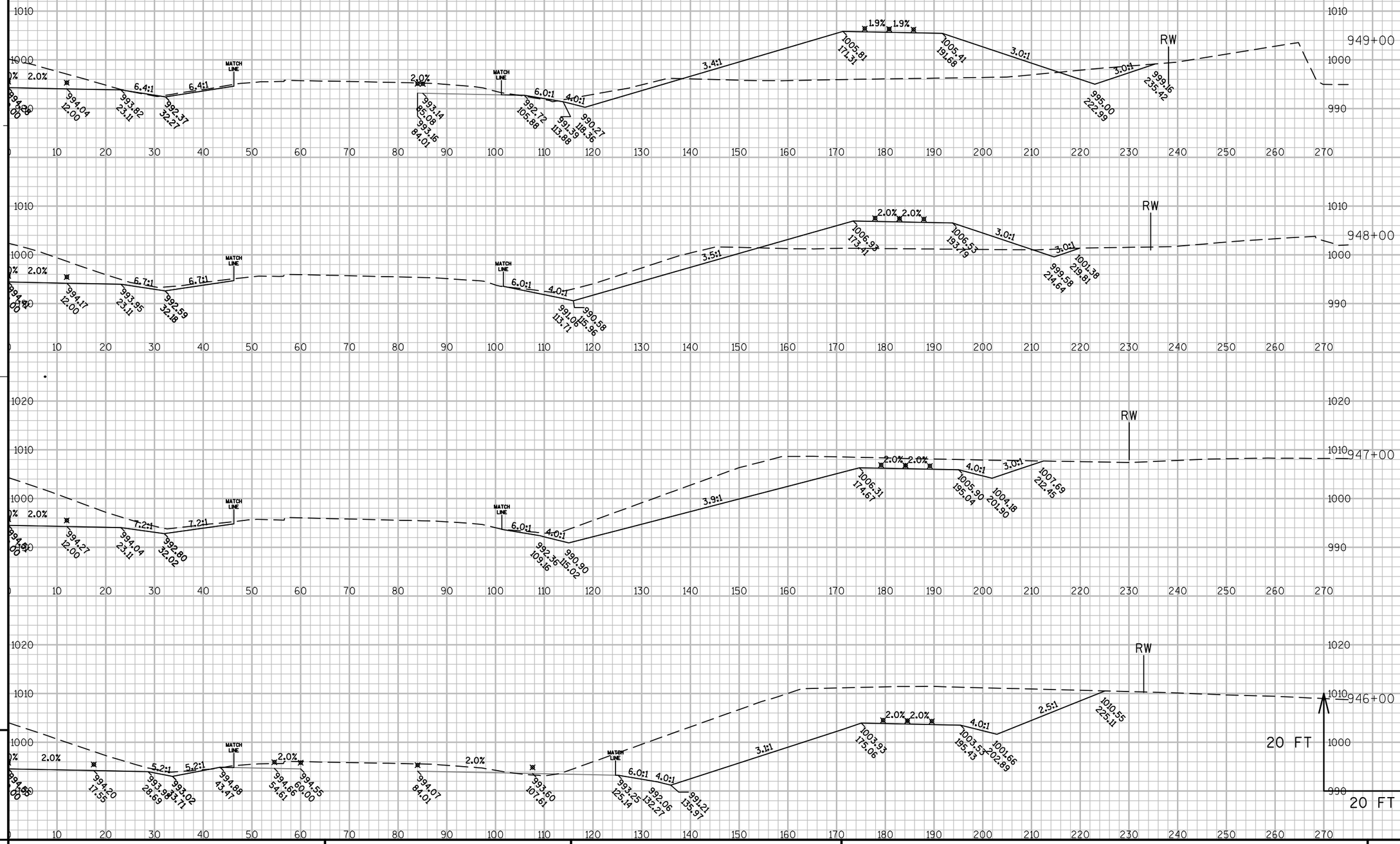
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_07.DWG PLOT DATE : 9/30/2014 8:51 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



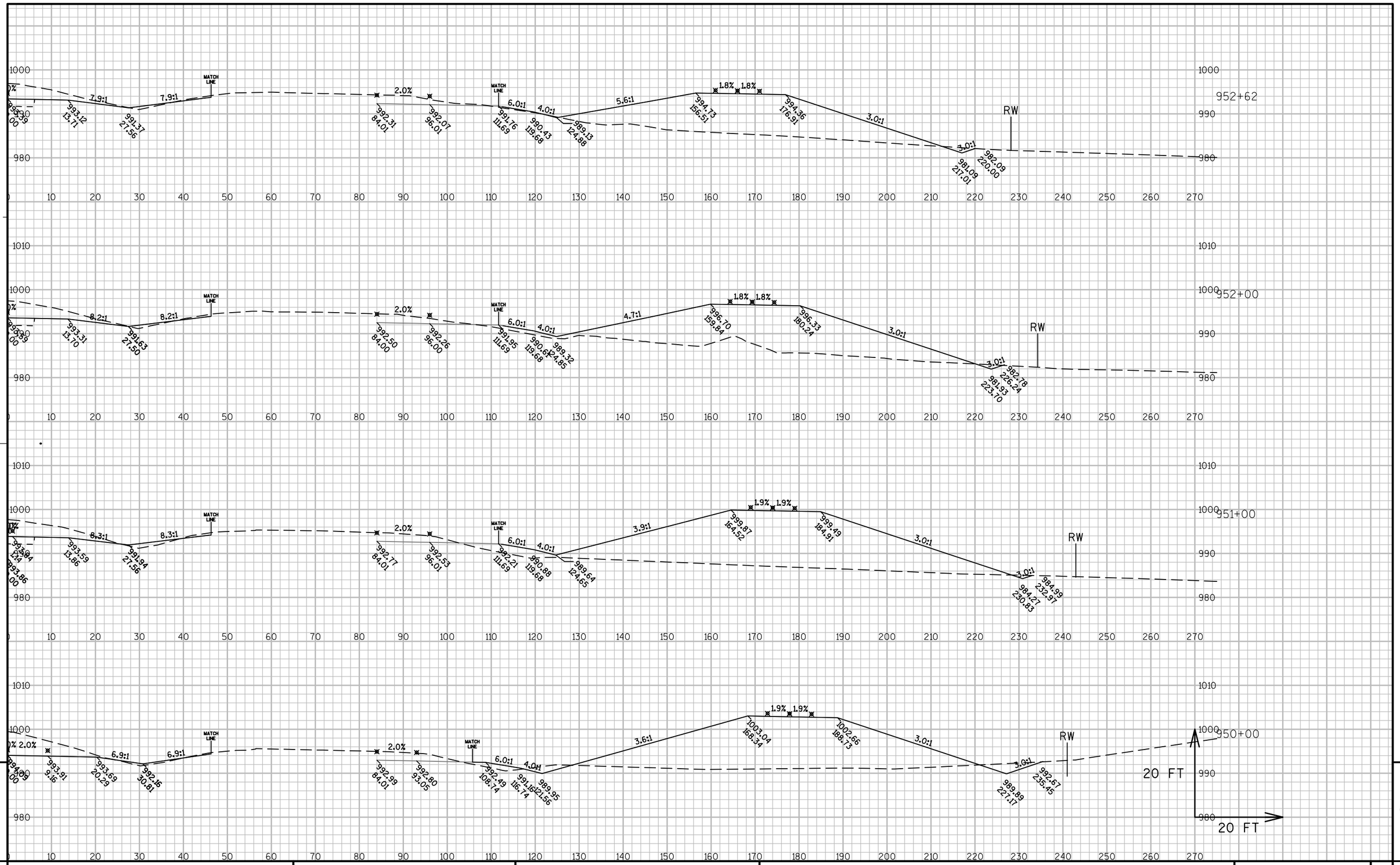
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_07.DWG PLOT DATE : 9/30/2014 8:51 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

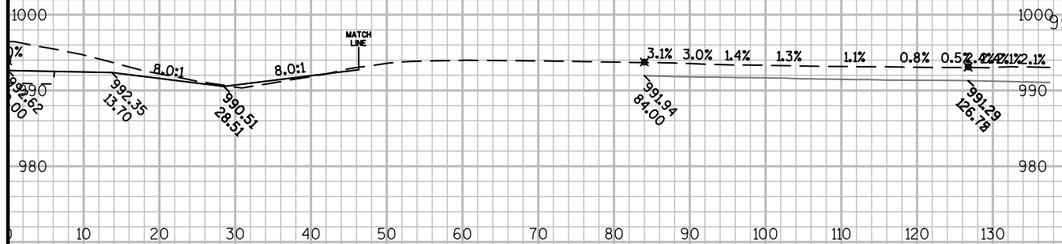
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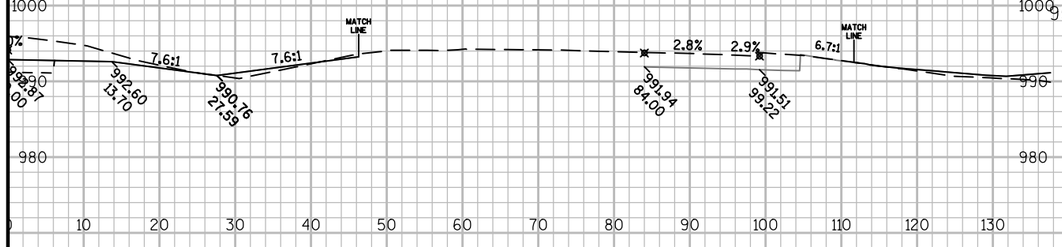


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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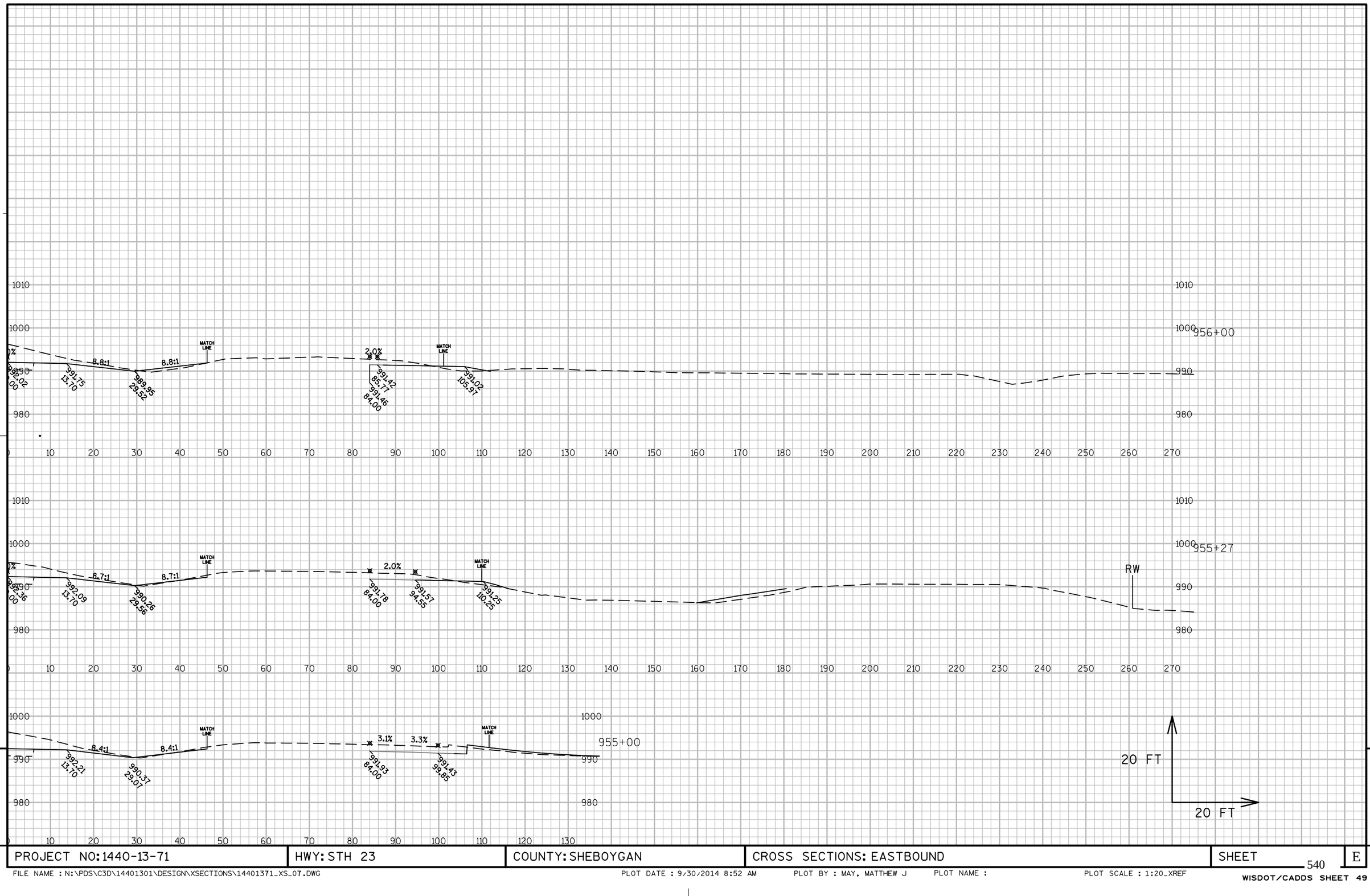
WISDOT/CADDS SHEET 49





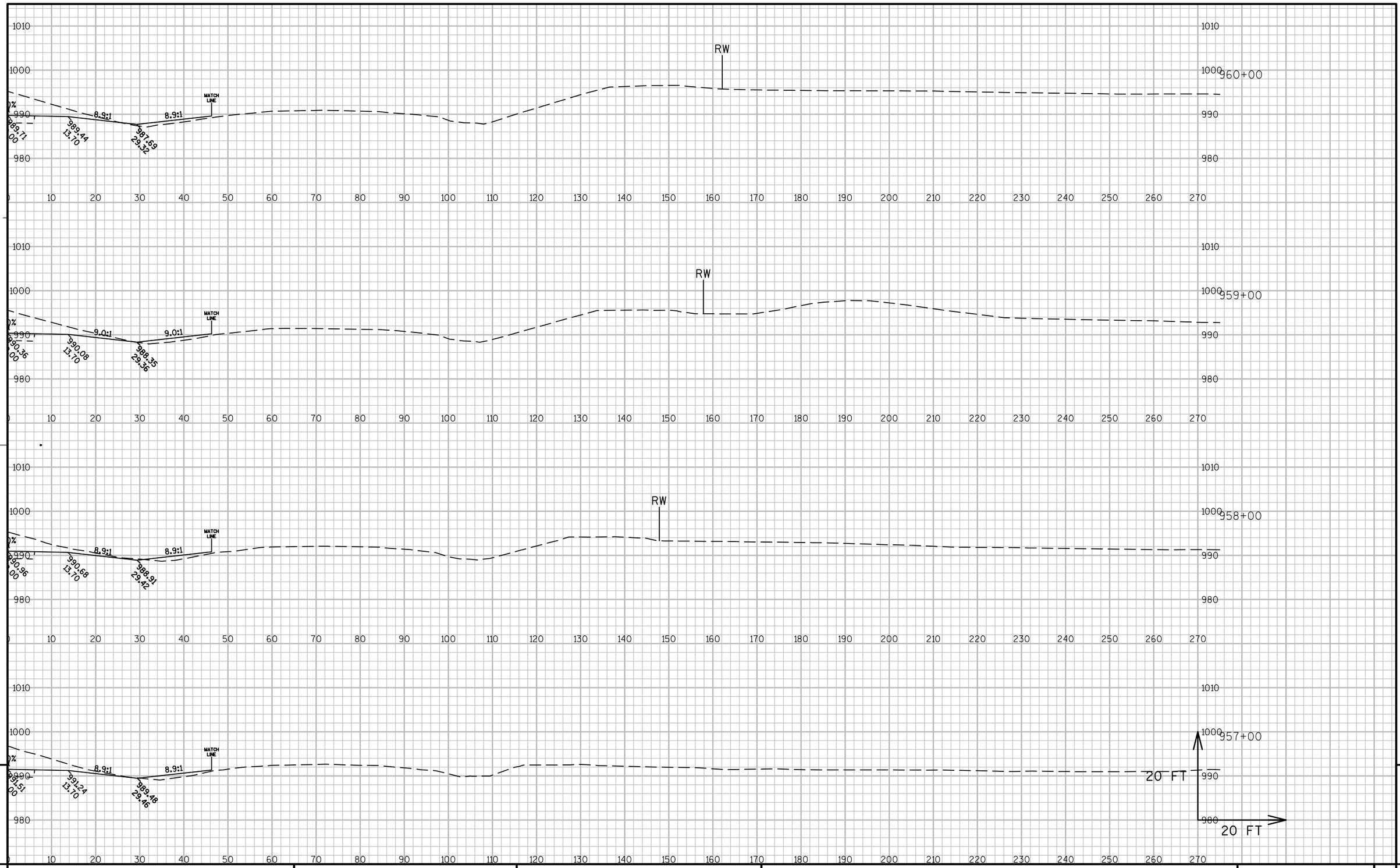


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_07.DWG PLOT DATE : 9/30/2014 8:52 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

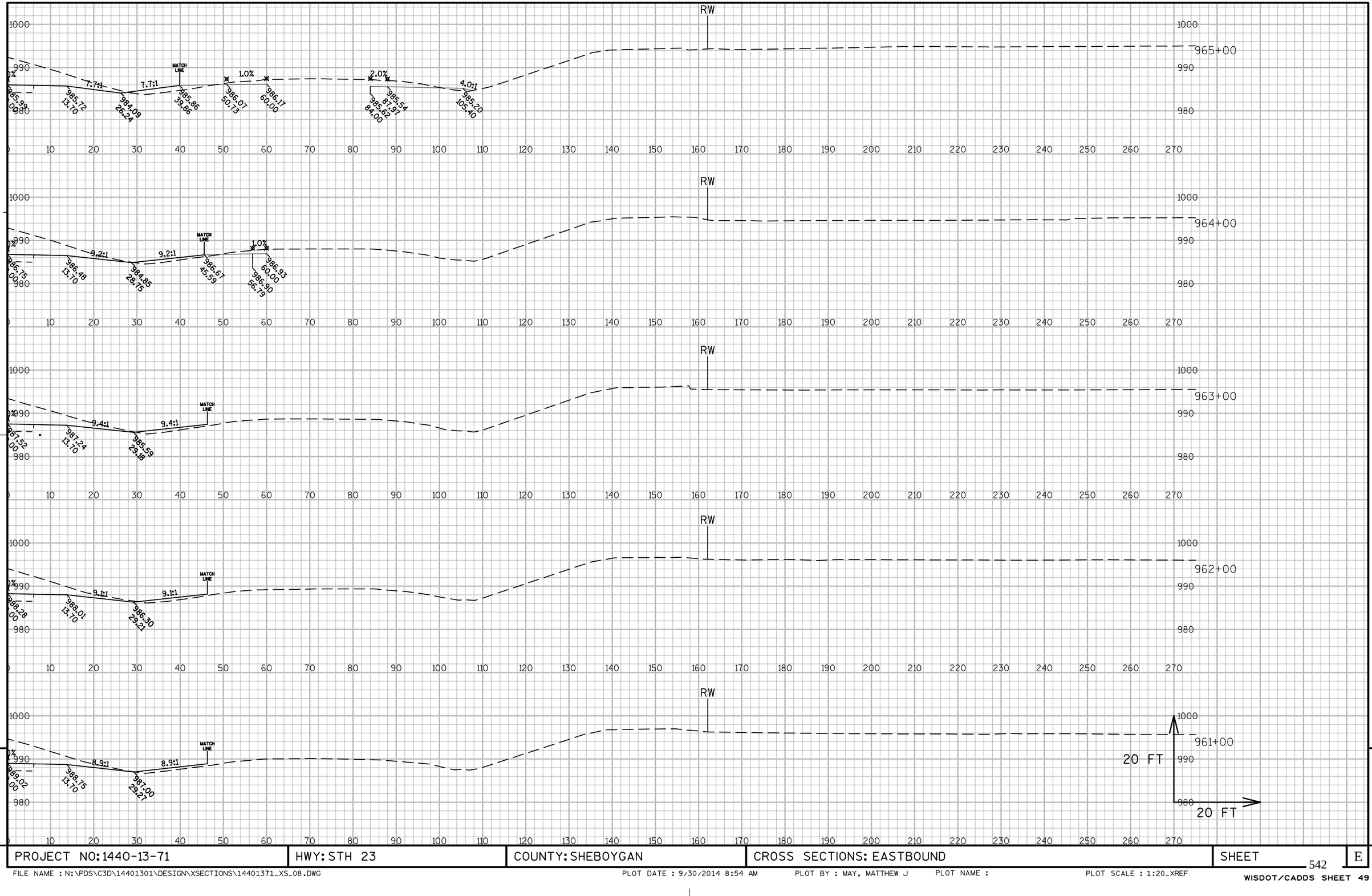


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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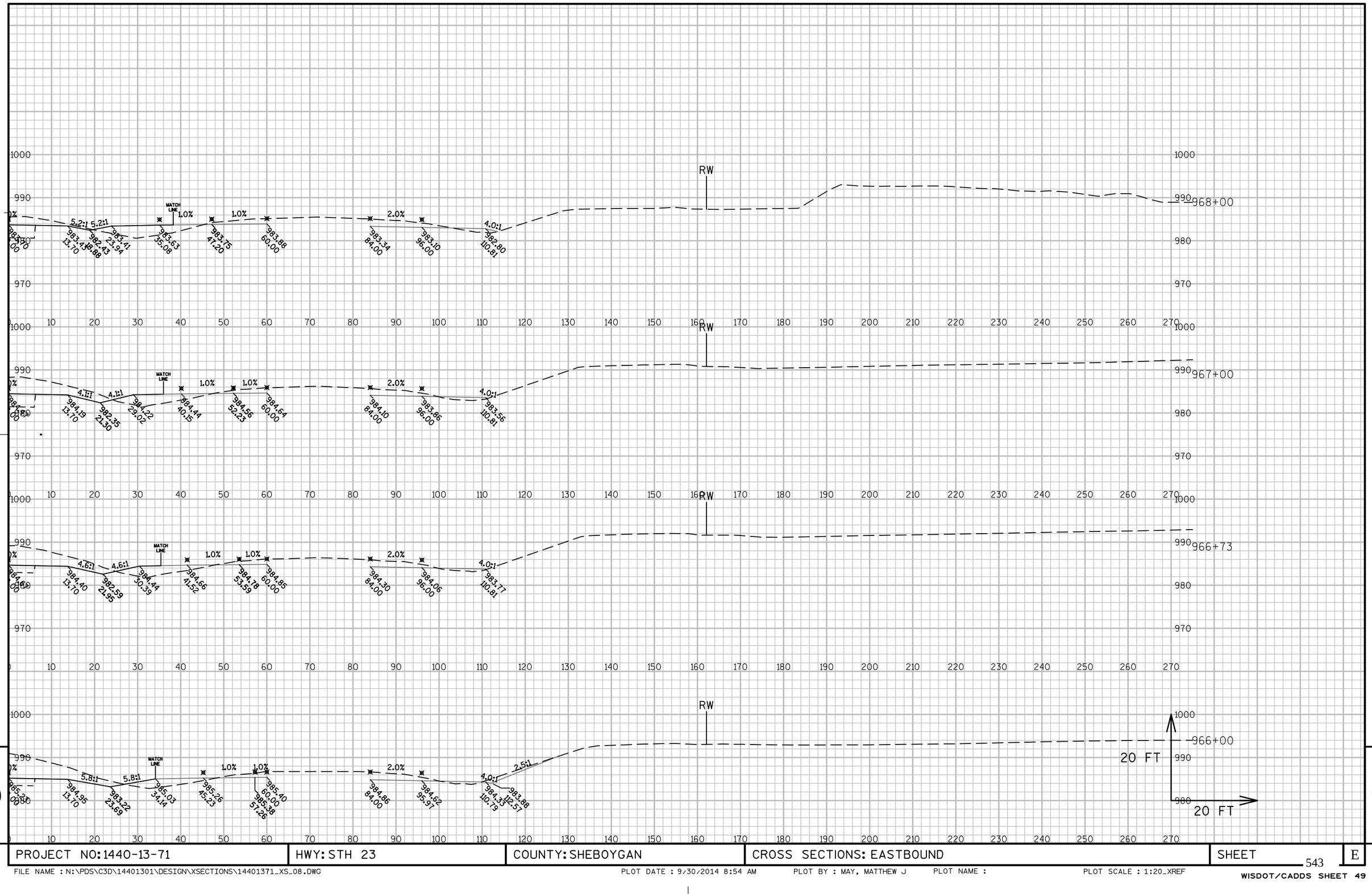
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_08.DWG PLOT DATE : 9/30/2014 8:54 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

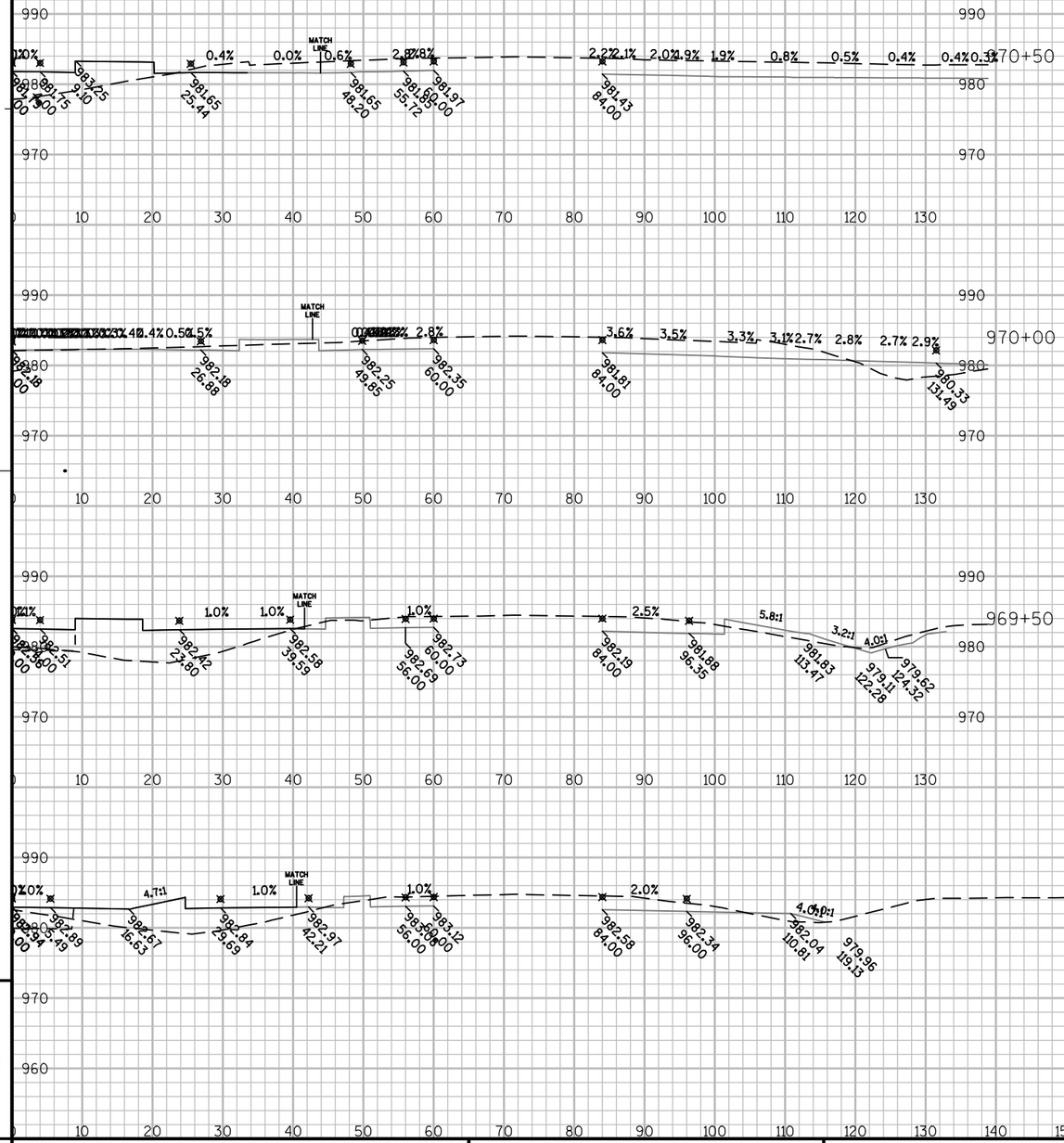
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 543	E

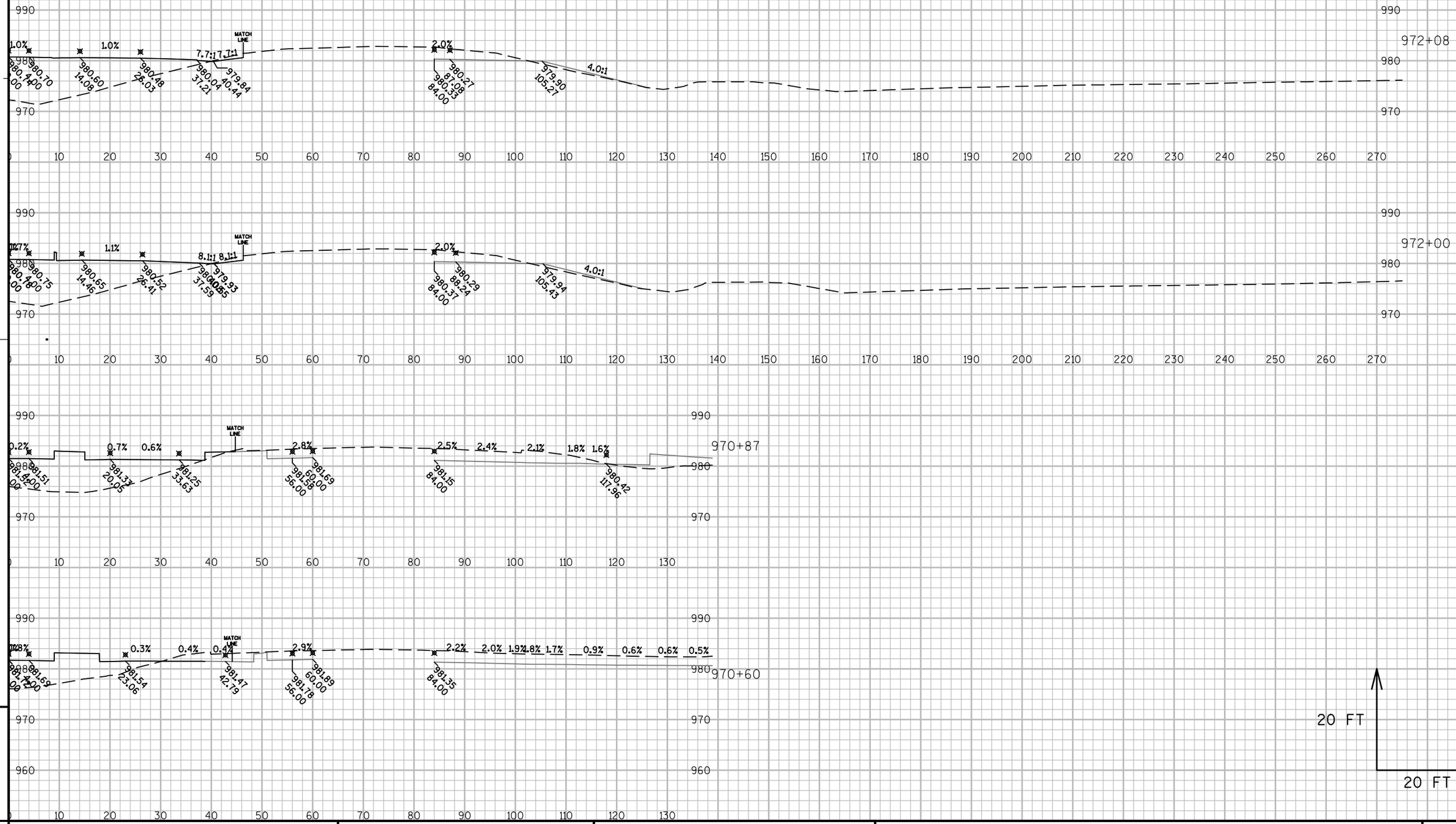
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WISDOT/CADDS SHEET 49



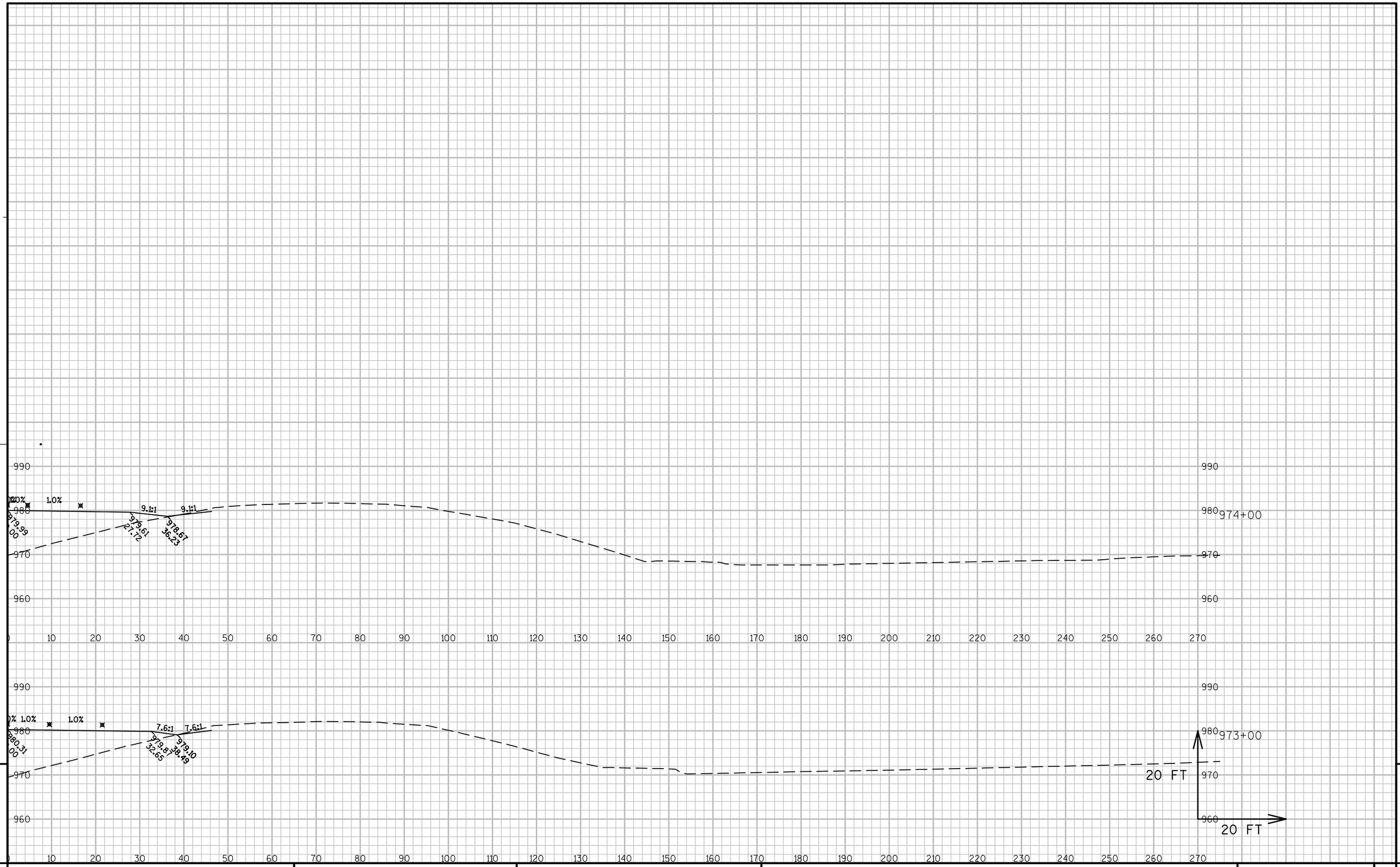
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_08.DWG PLOT DATE : 9/30/2014 8:55 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



9	PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET E

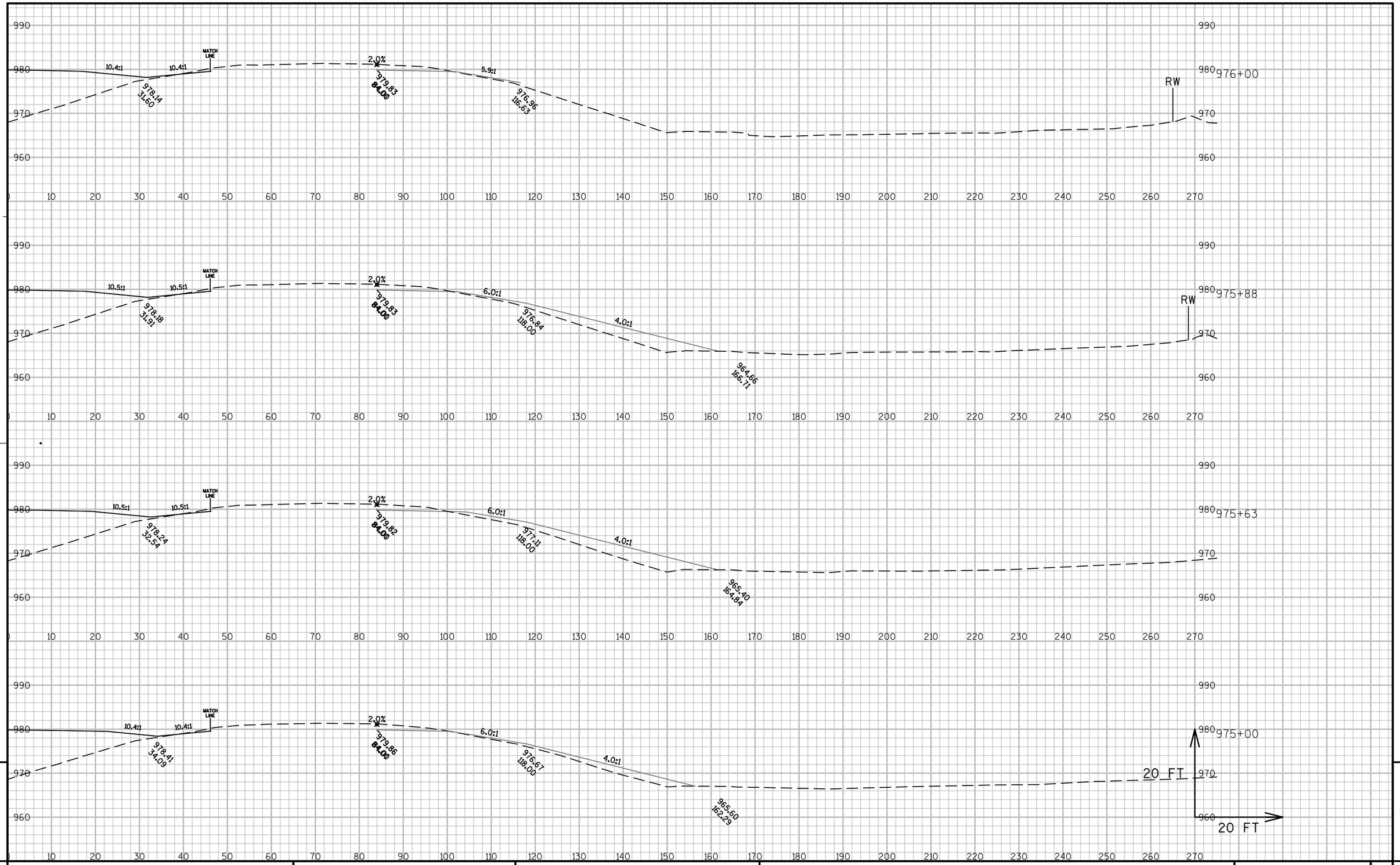
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_08.DWG PLOT DATE : 9/30/2014 8:55 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

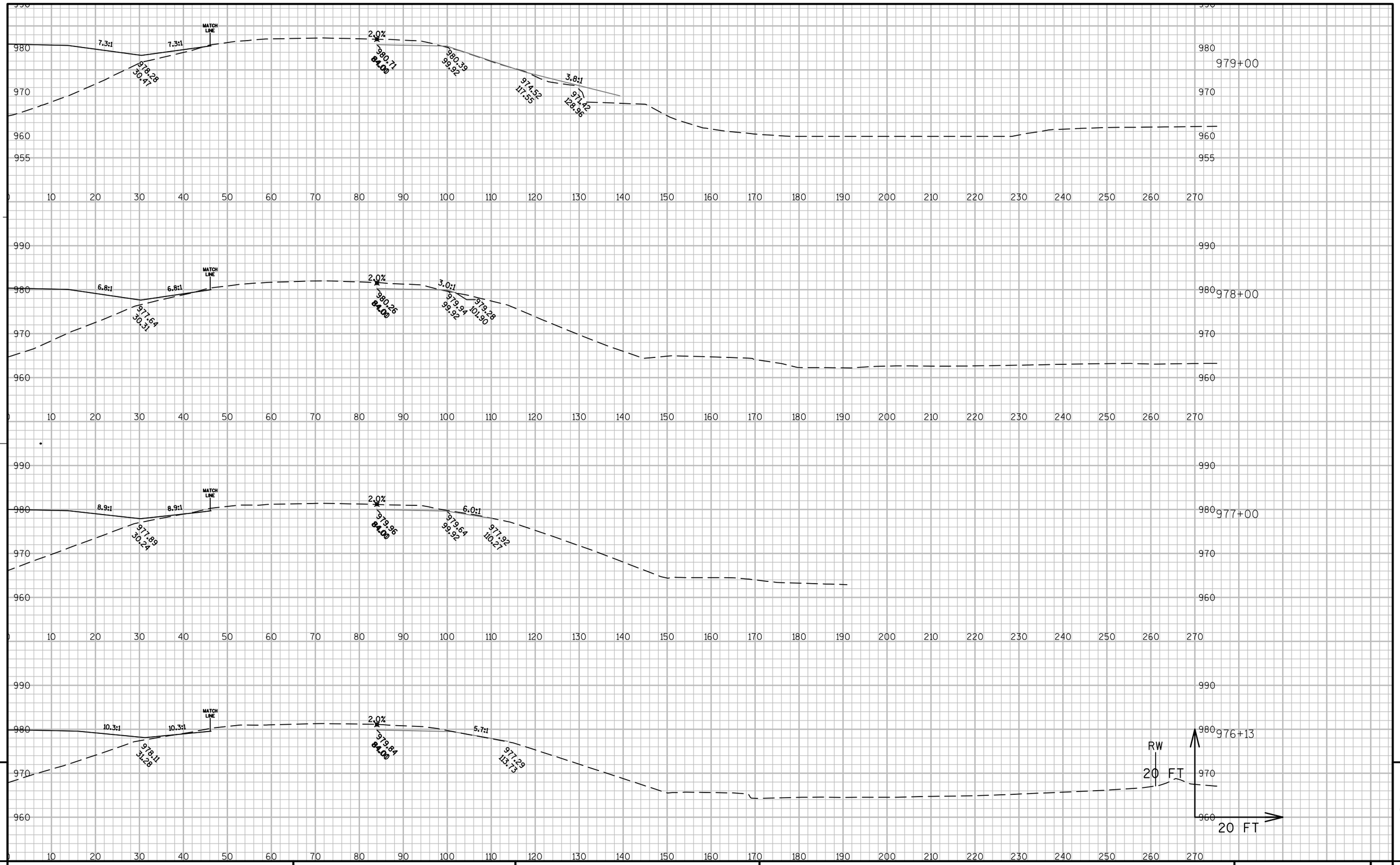
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

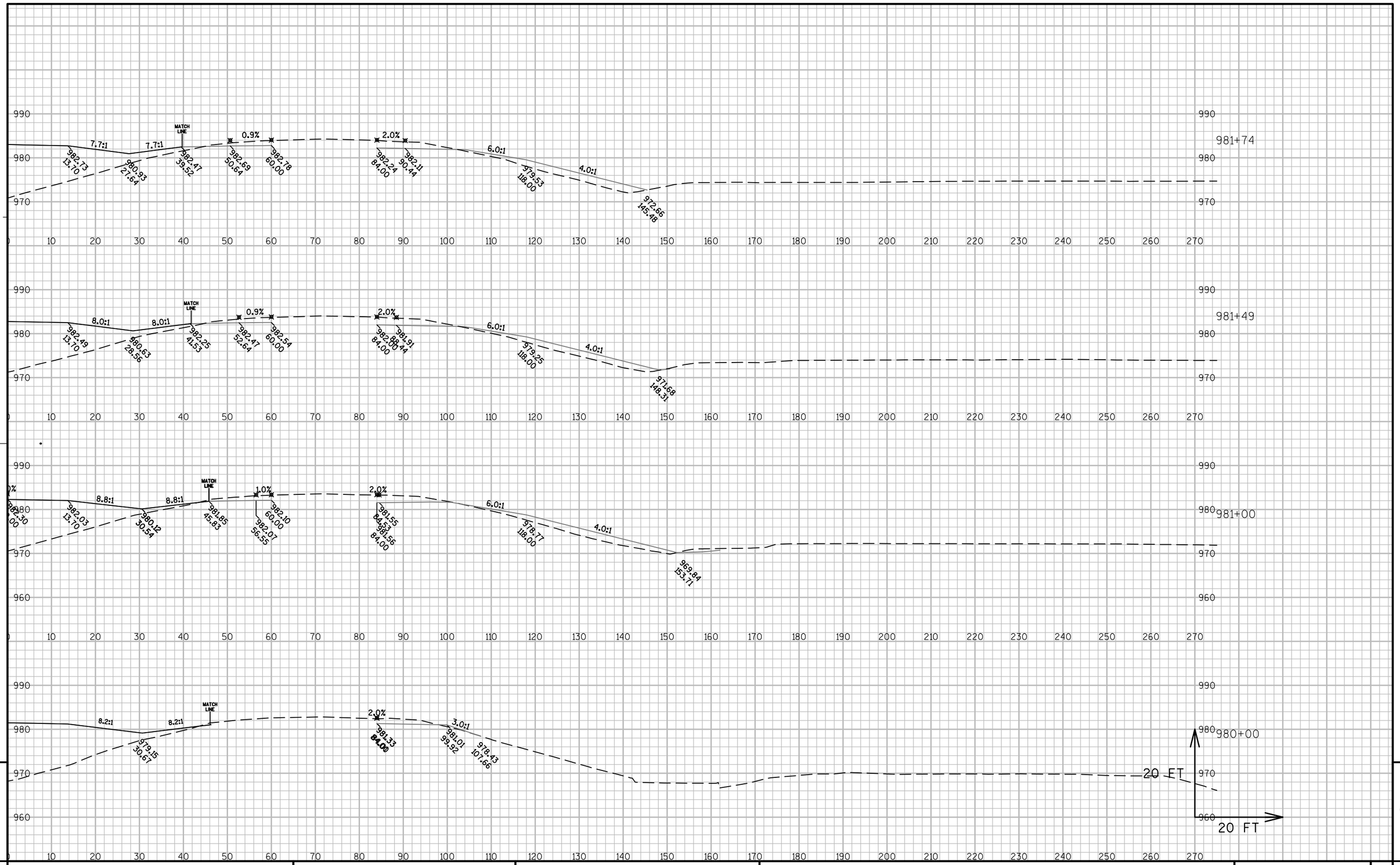
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WISDOT/CADDS SHEET 49



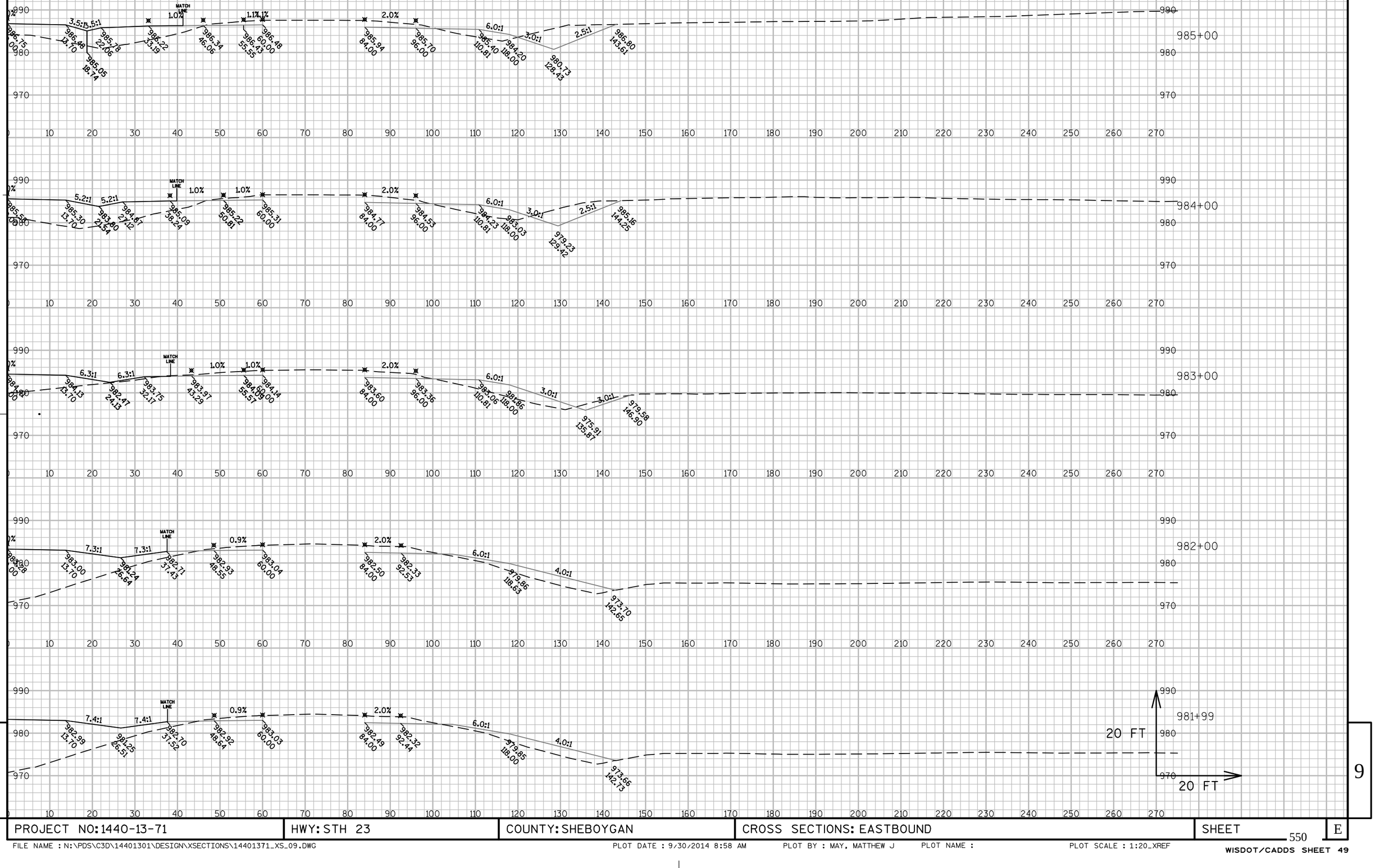
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_09.DWG PLOT DATE : 9/30/2014 8:57 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_09.DWG PLOT DATE : 9/30/2014 8:57 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



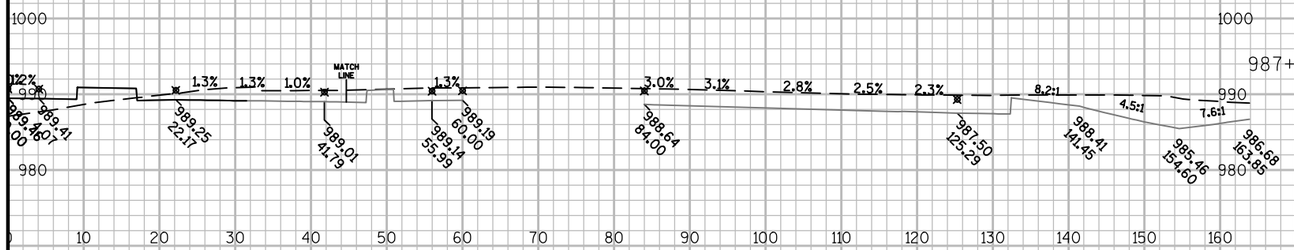
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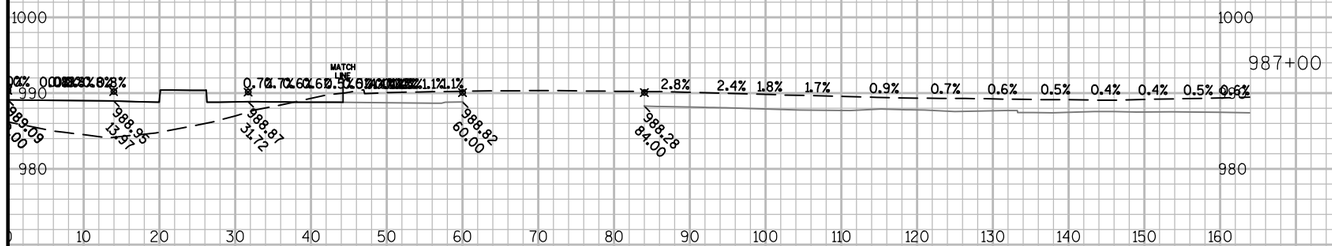
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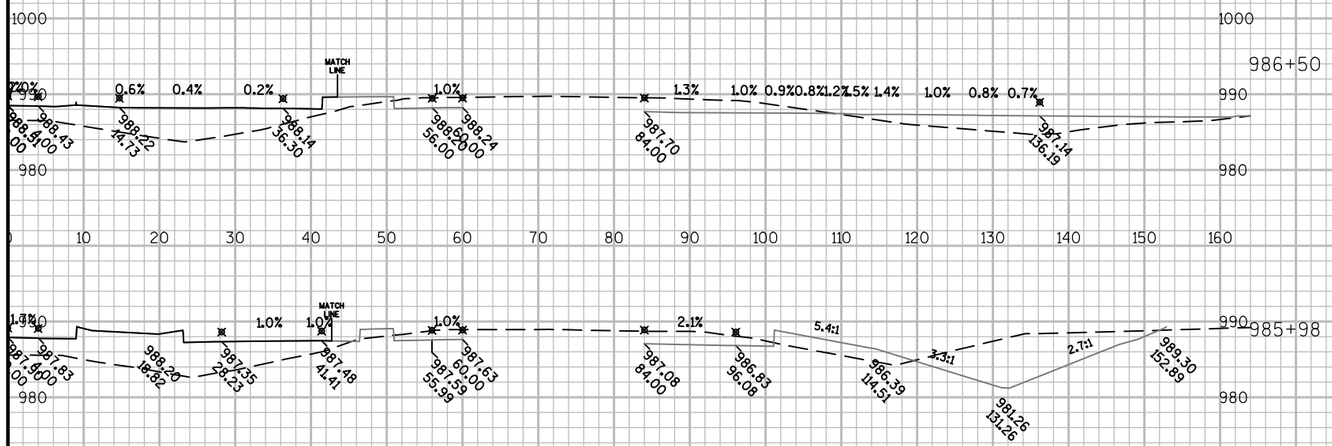
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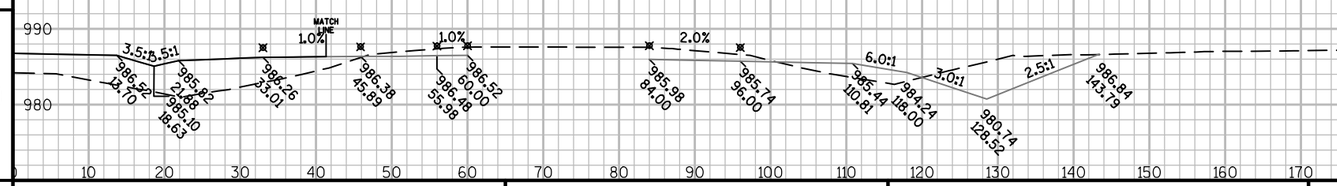
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WISDOT/CADDS SHEET 49

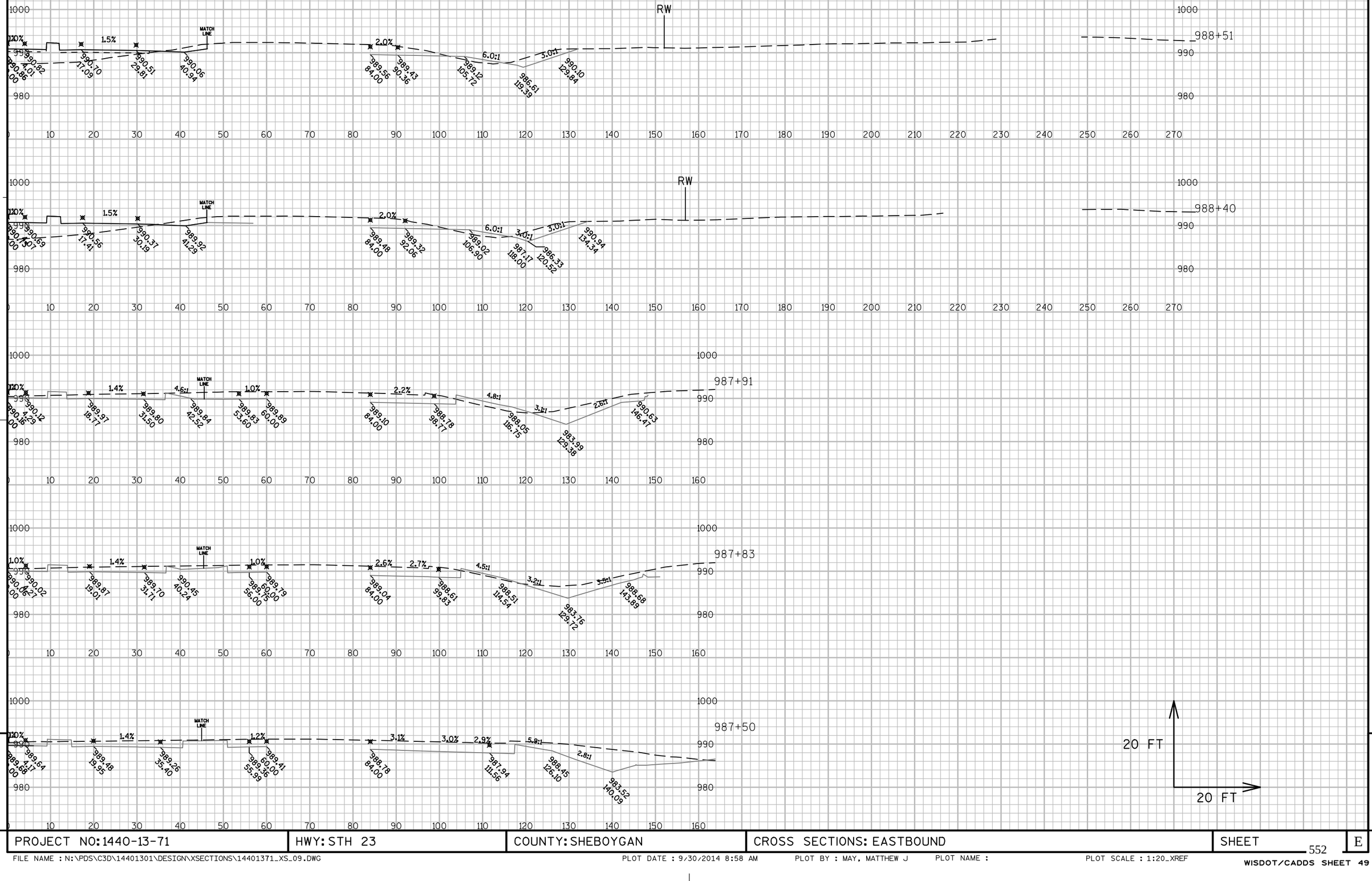








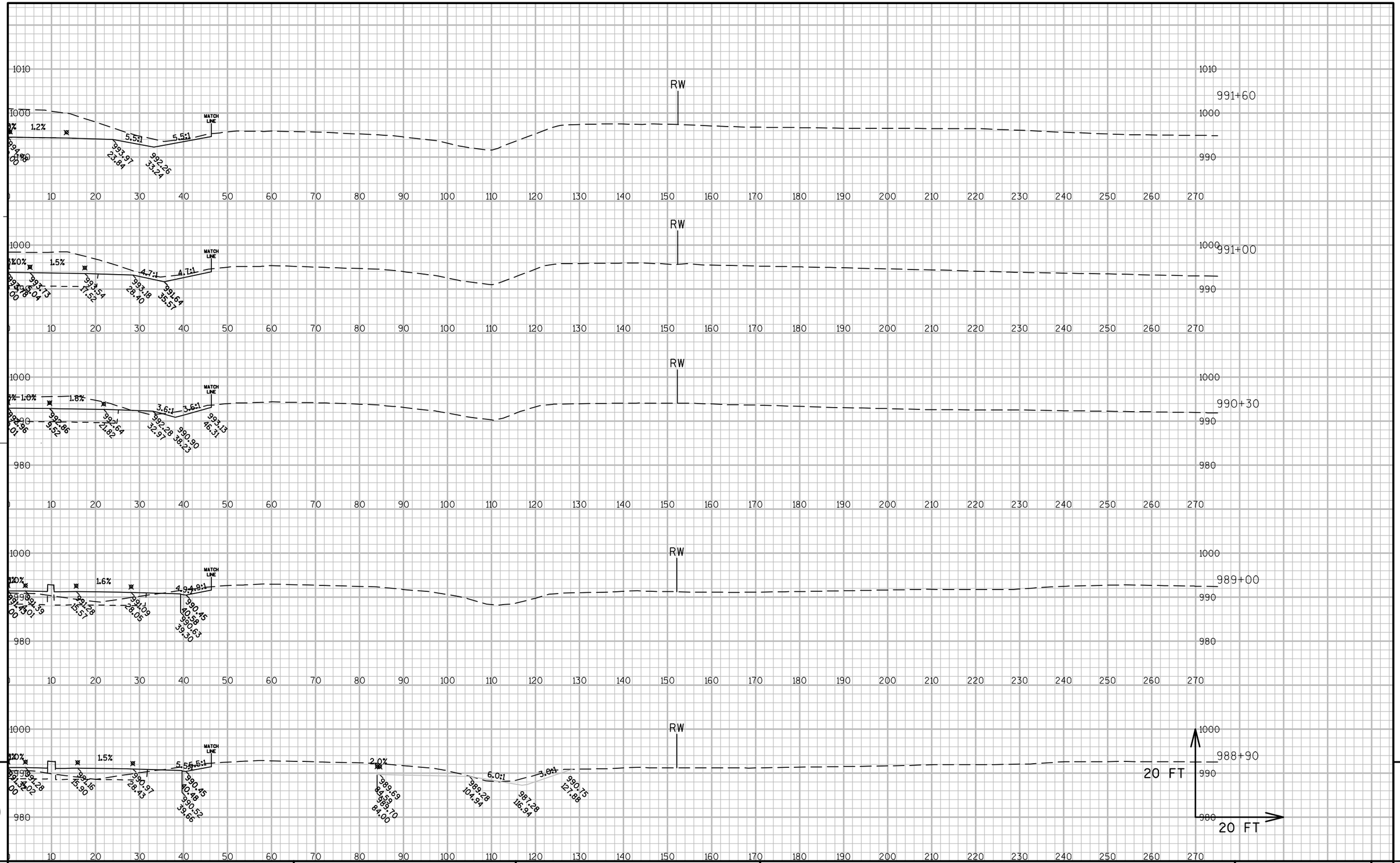
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_09.DWG PLOT DATE : 9/30/2014 8:58 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

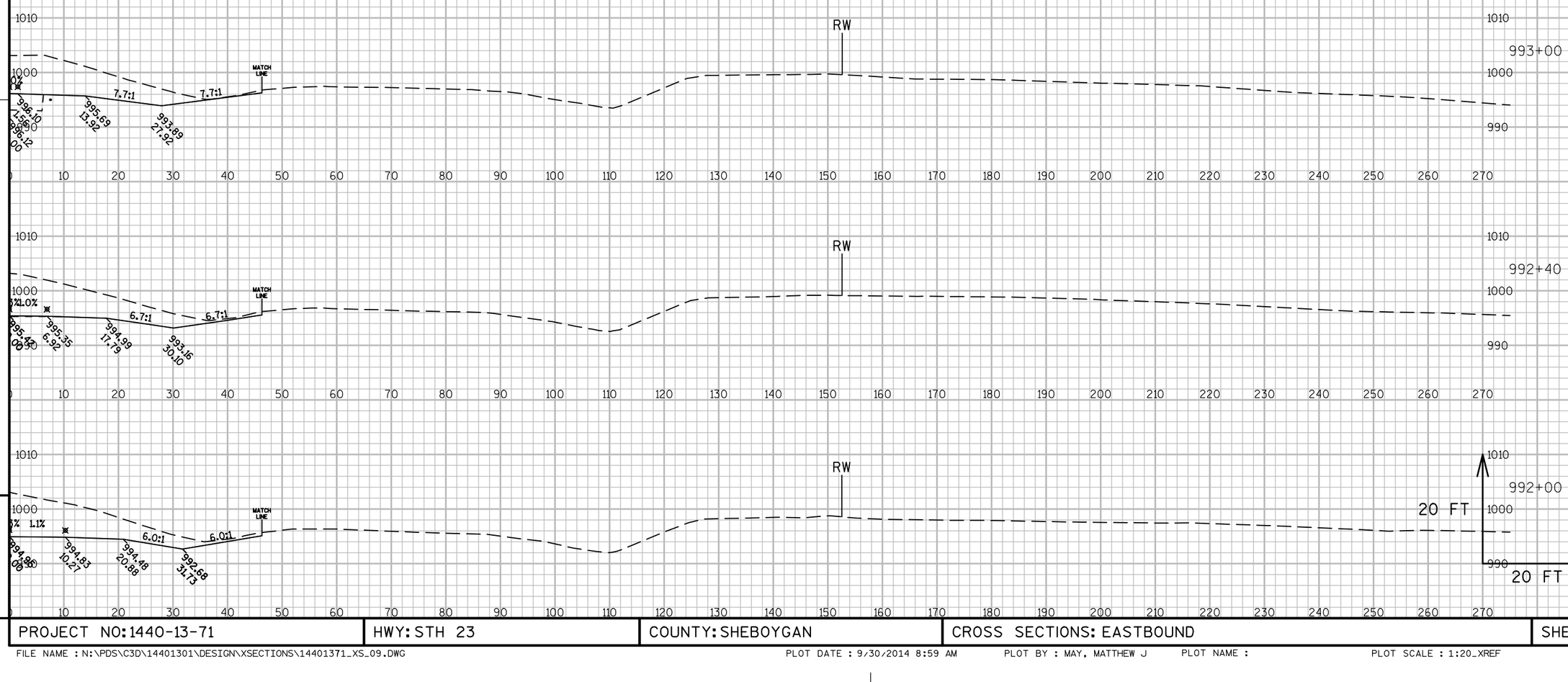
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 553	E

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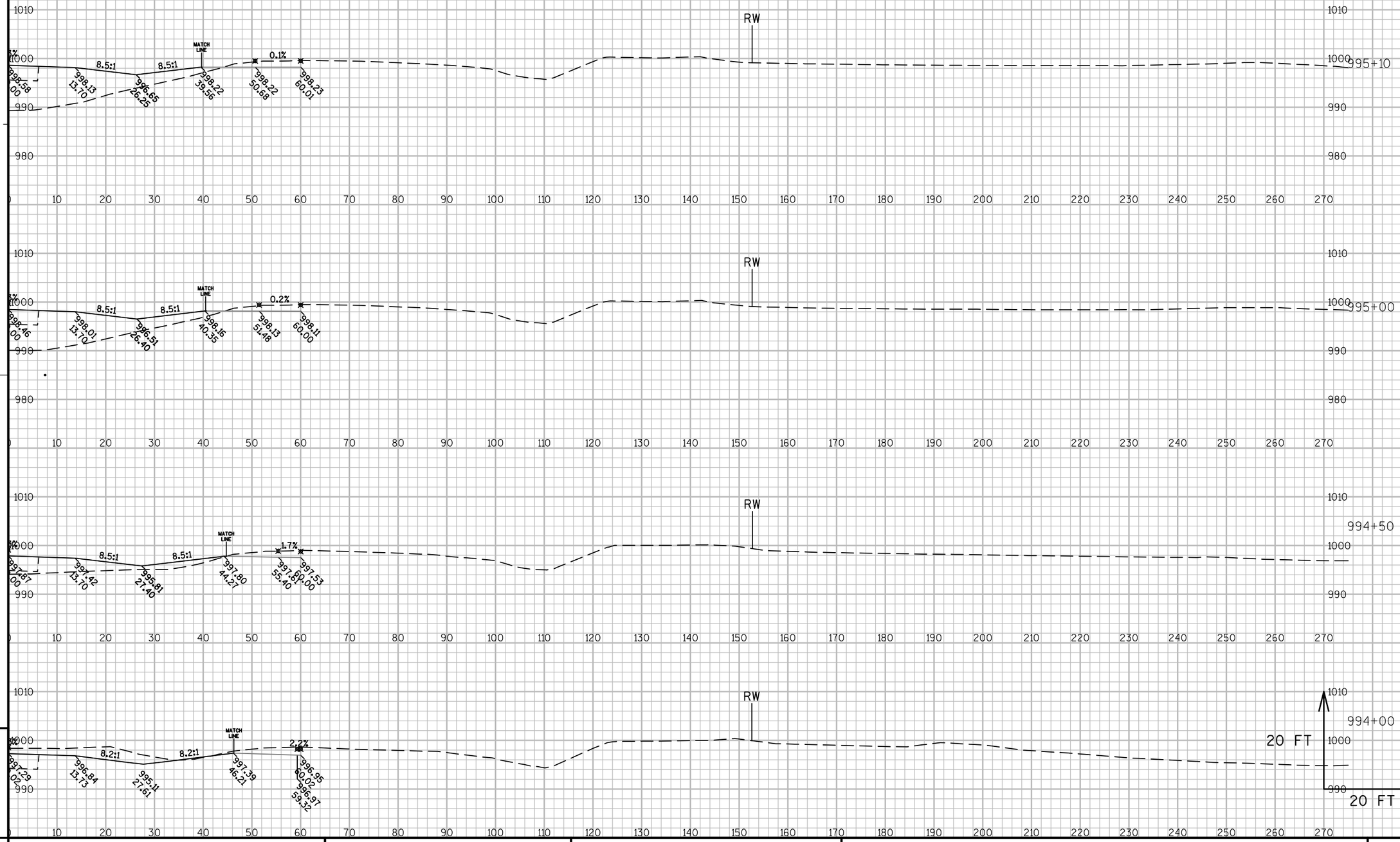
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 554	E

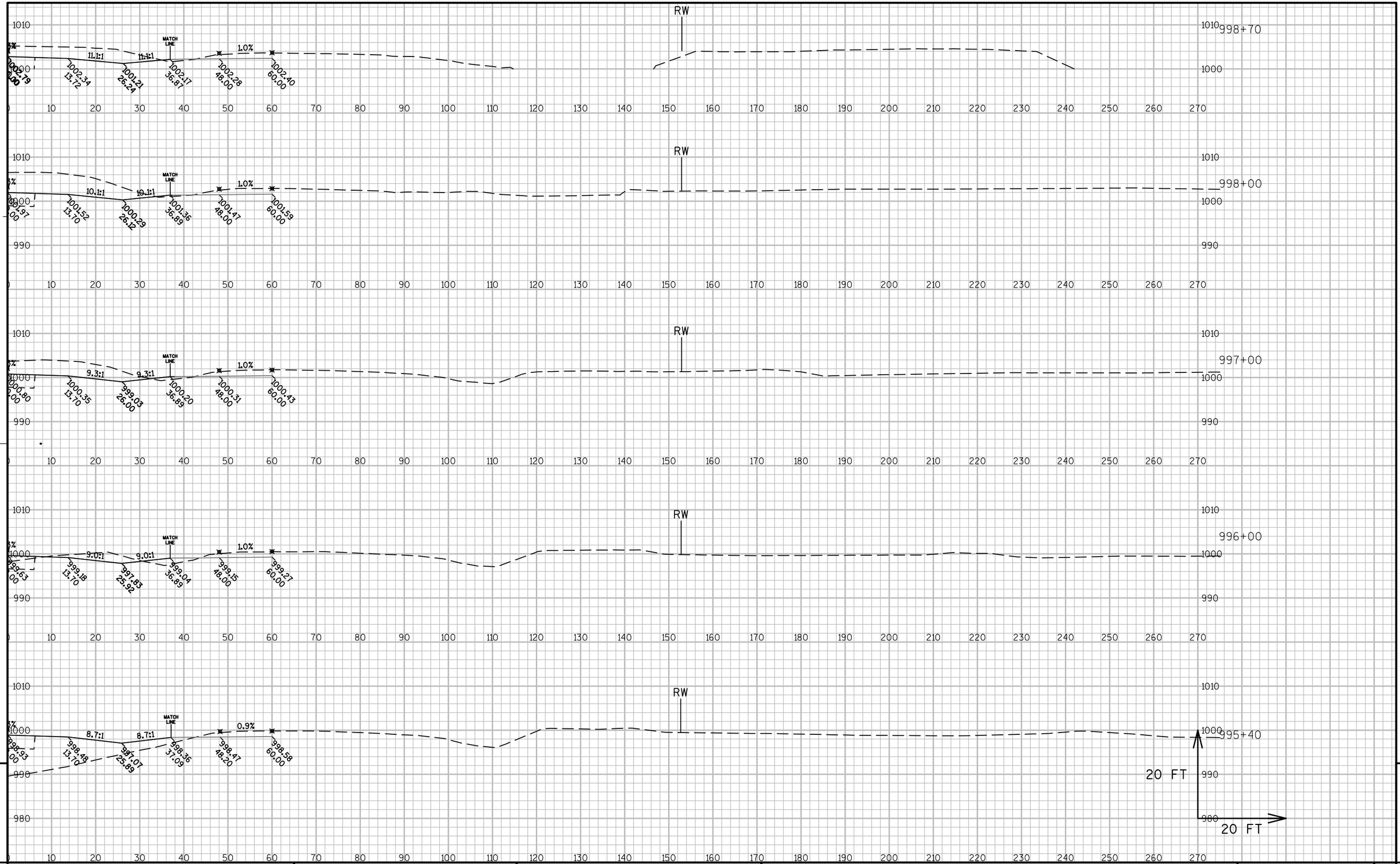
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WISDOT/CADDS SHEET 49



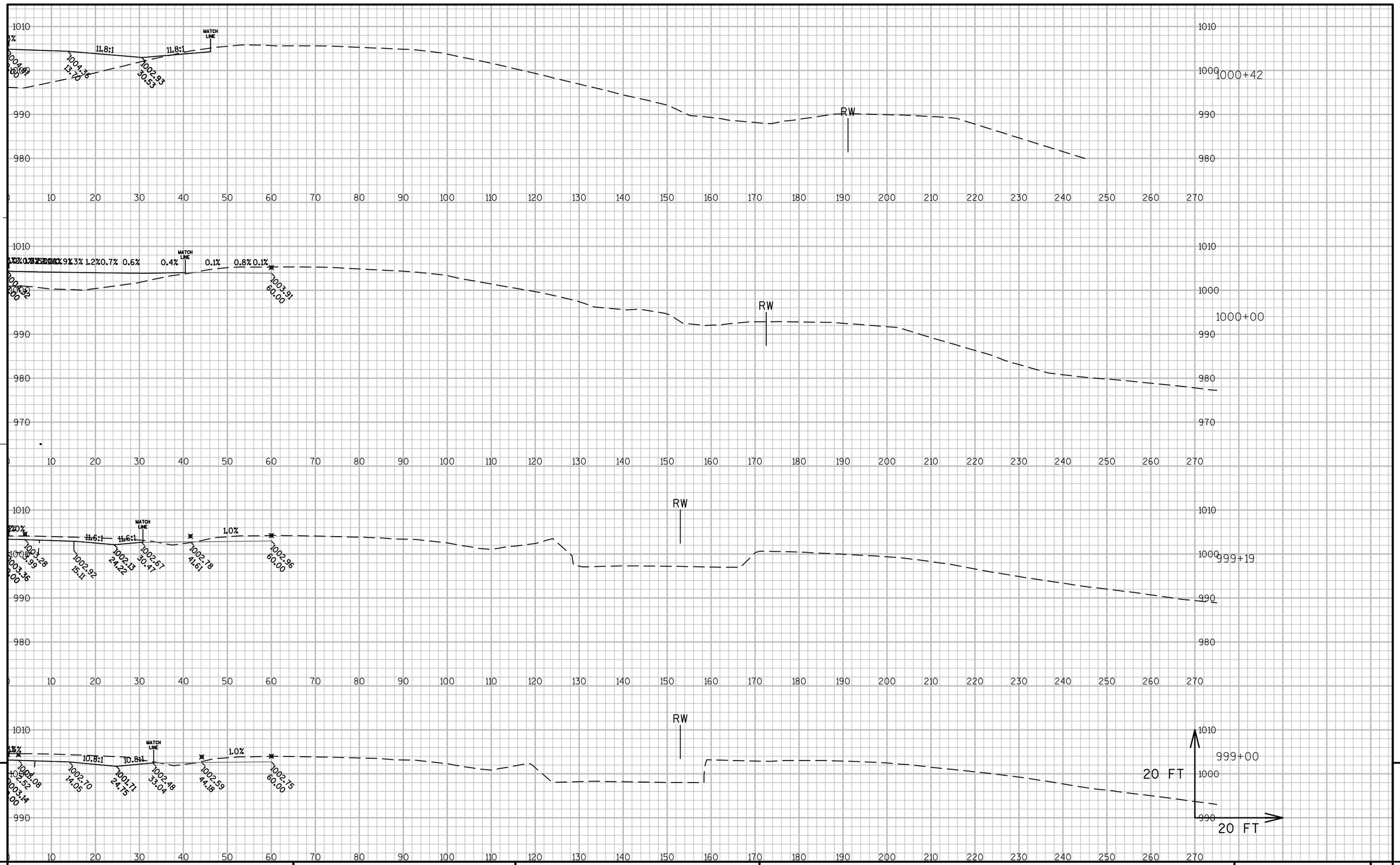
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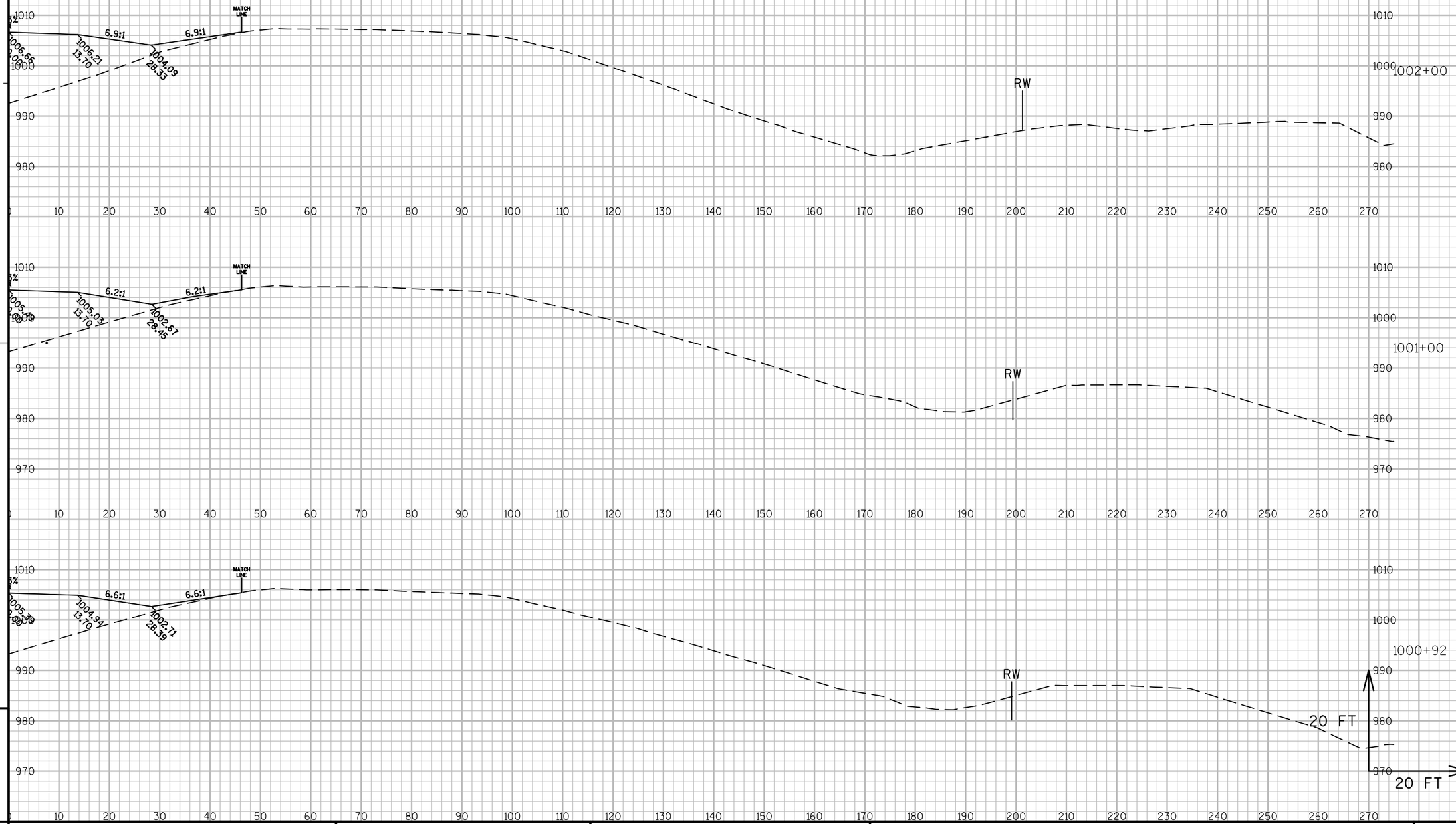
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_10.DWG PLOT DATE : 9/30/2014 9:01 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

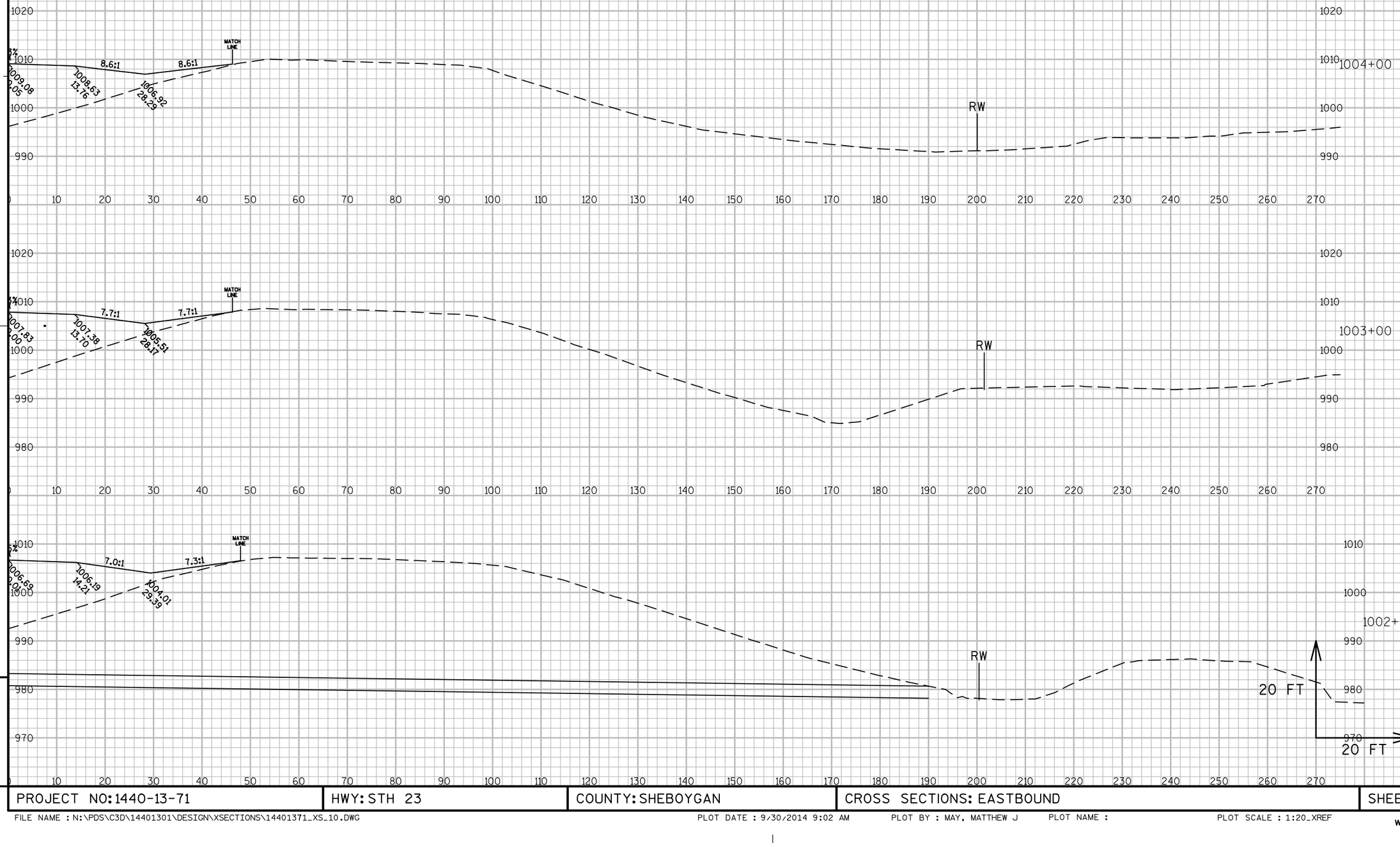
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

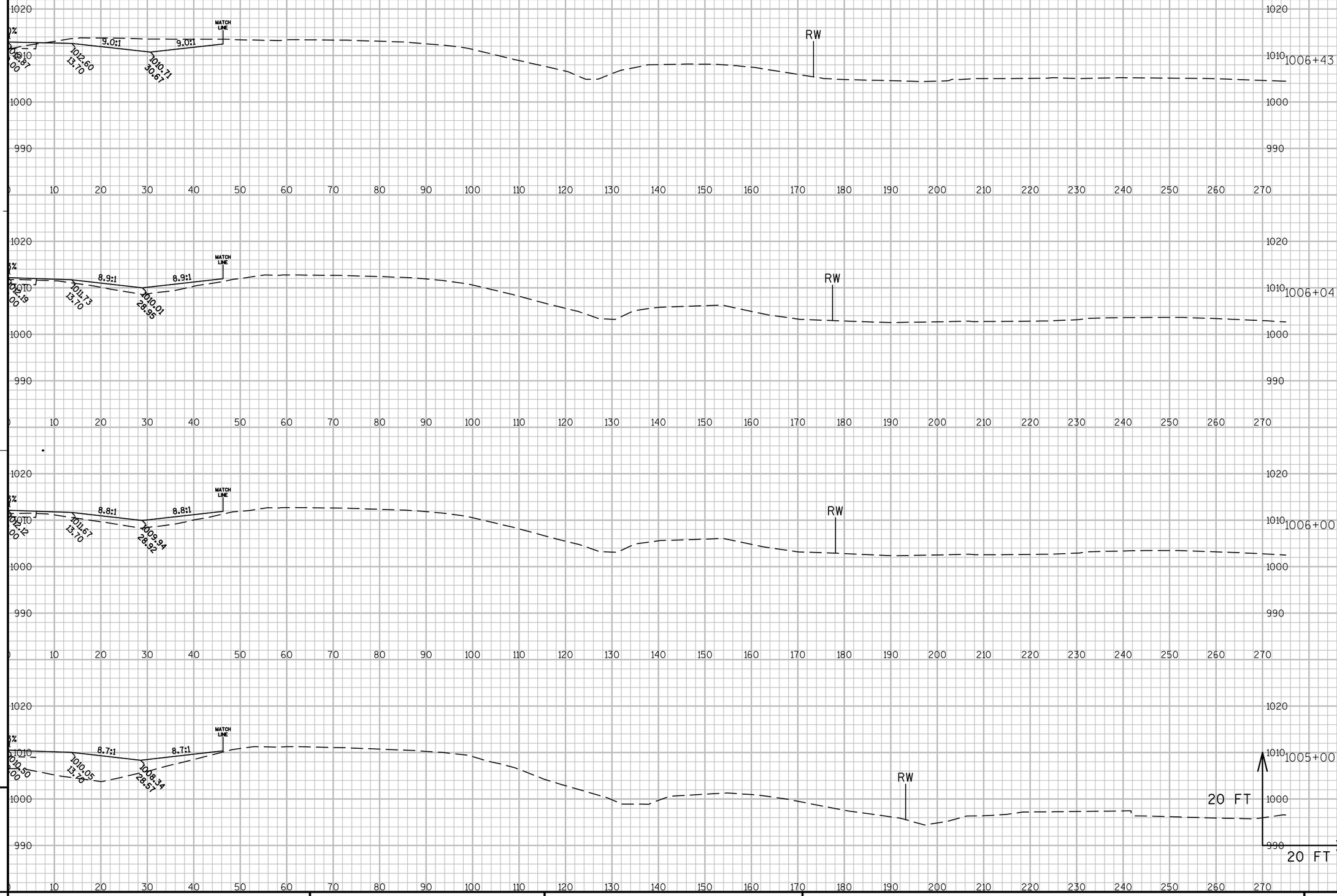
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WISDOT/CADDS SHEET 49



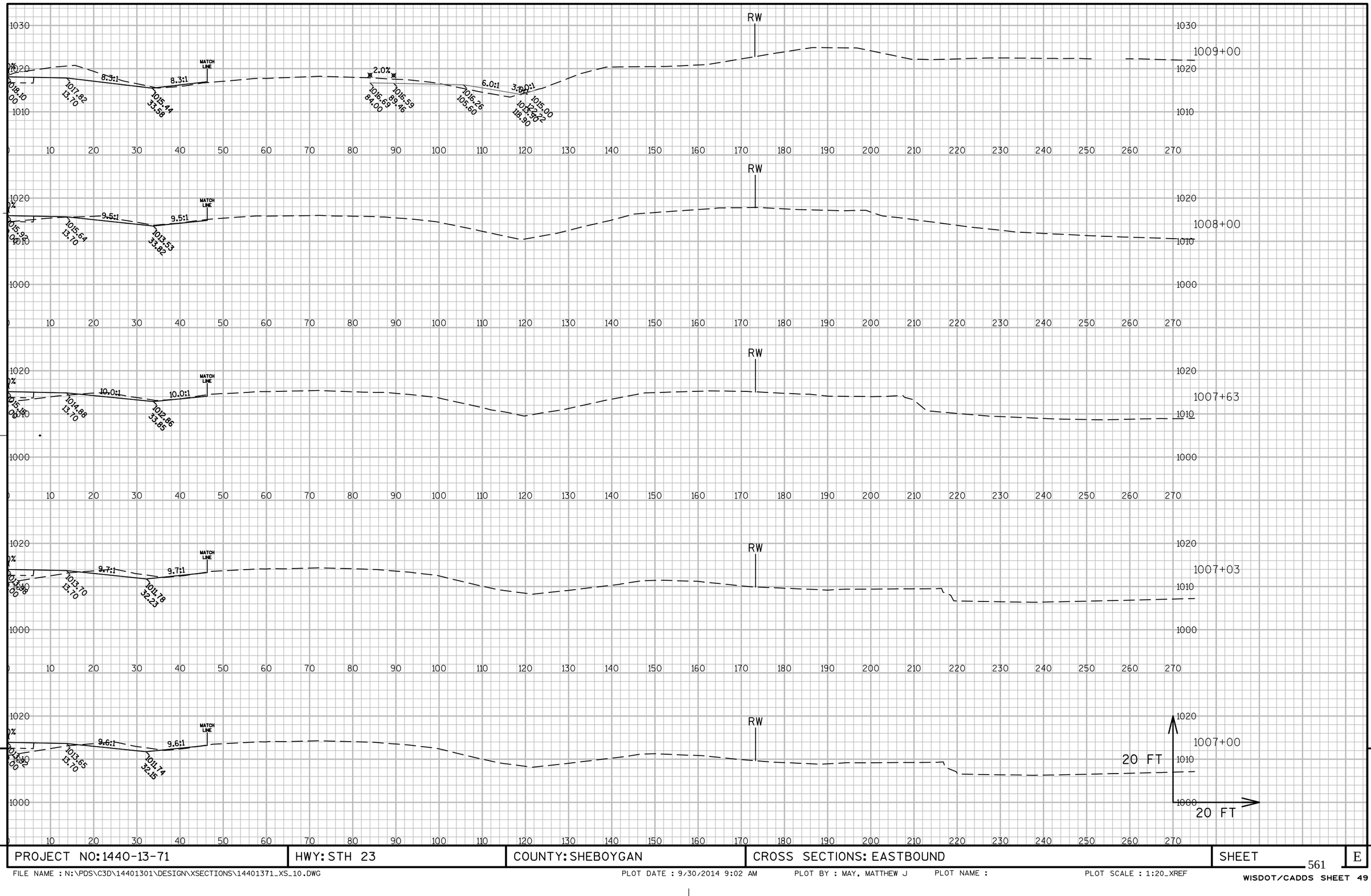
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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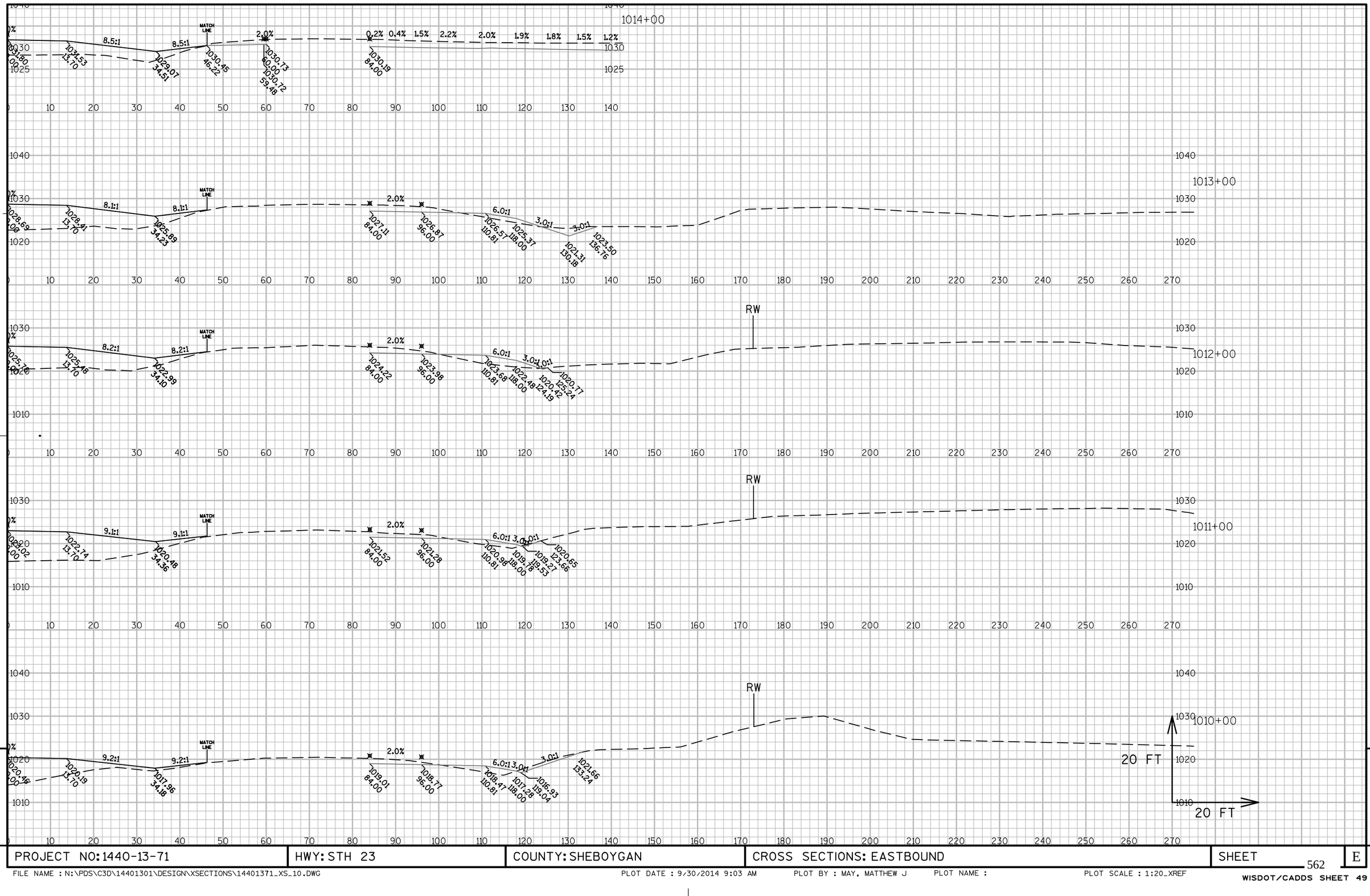
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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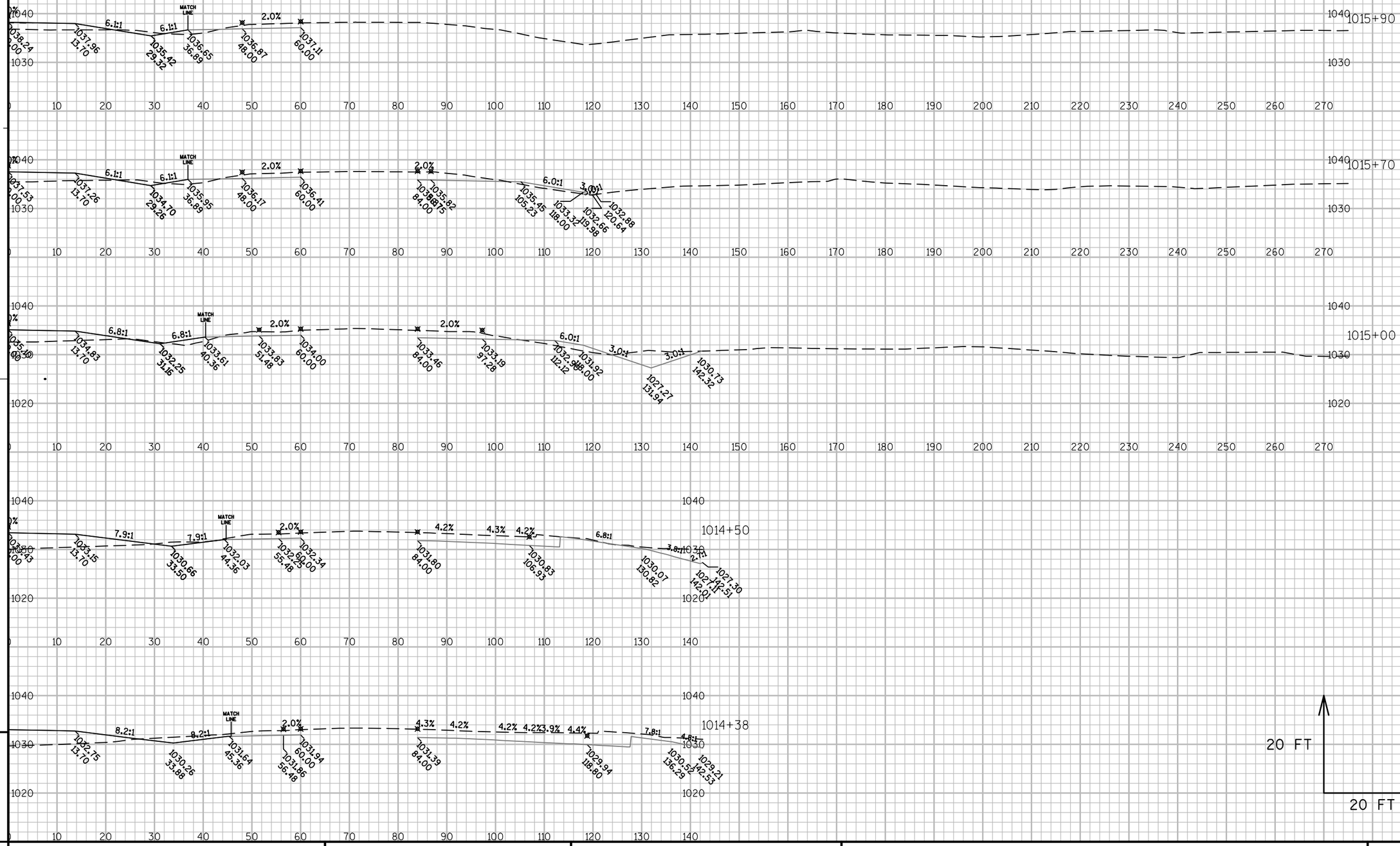
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_10.DWG PLOT DATE : 9/30/2014 9:02 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

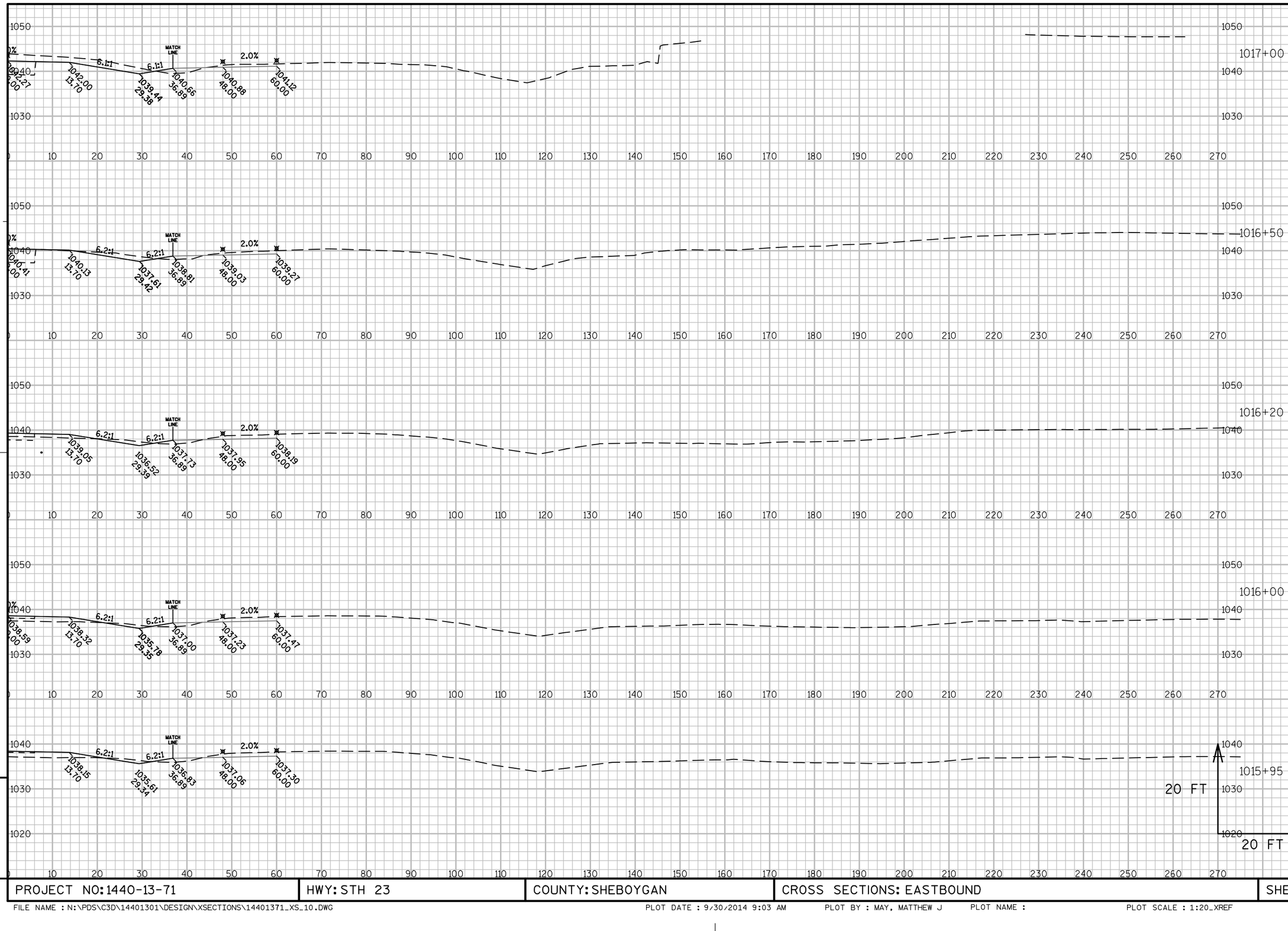
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_10.DWG PLOT DATE : 9/30/2014 9:03 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

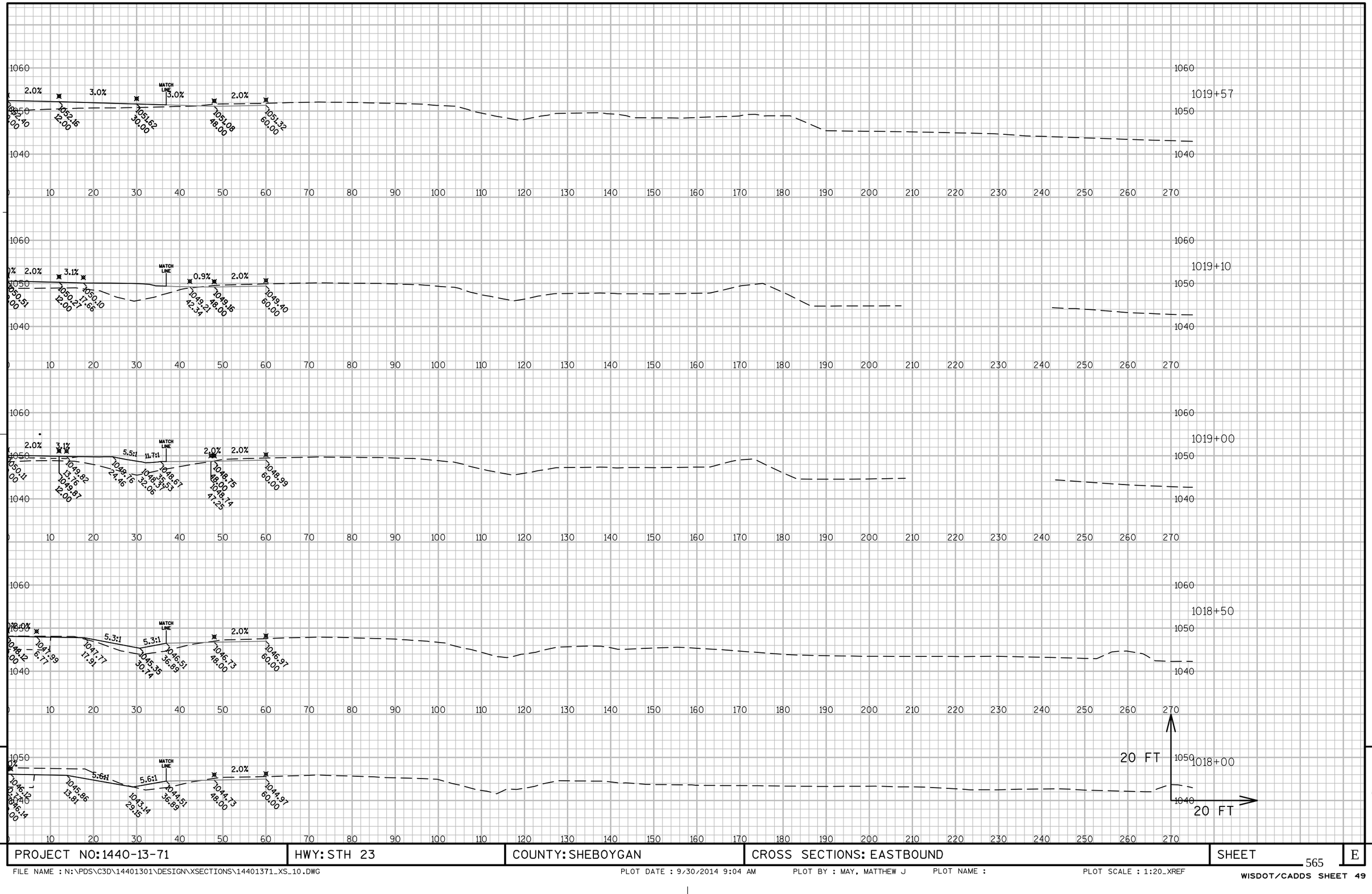
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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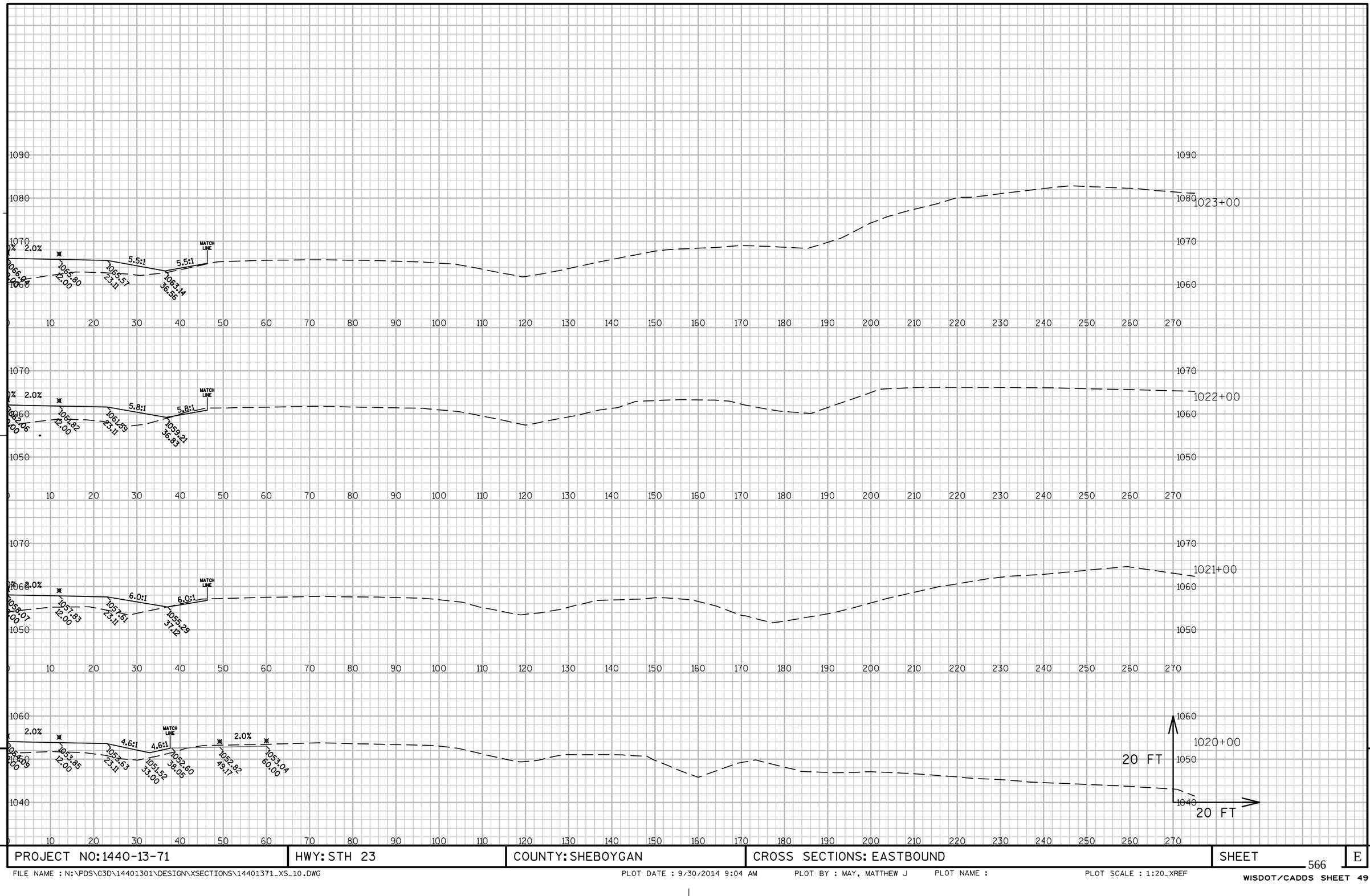
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

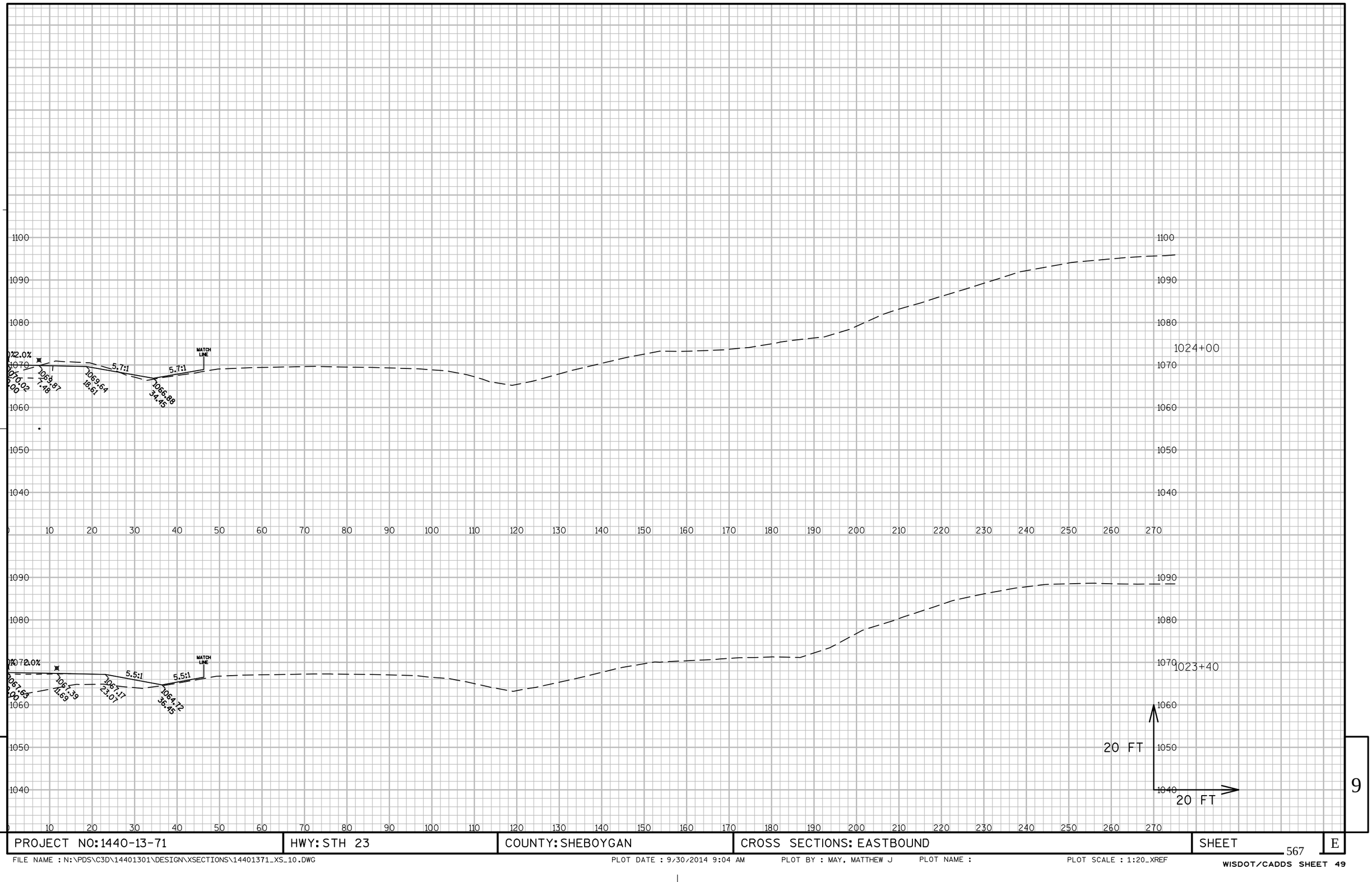
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_10.DWG PLOT DATE : 9/30/2014 9:04 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

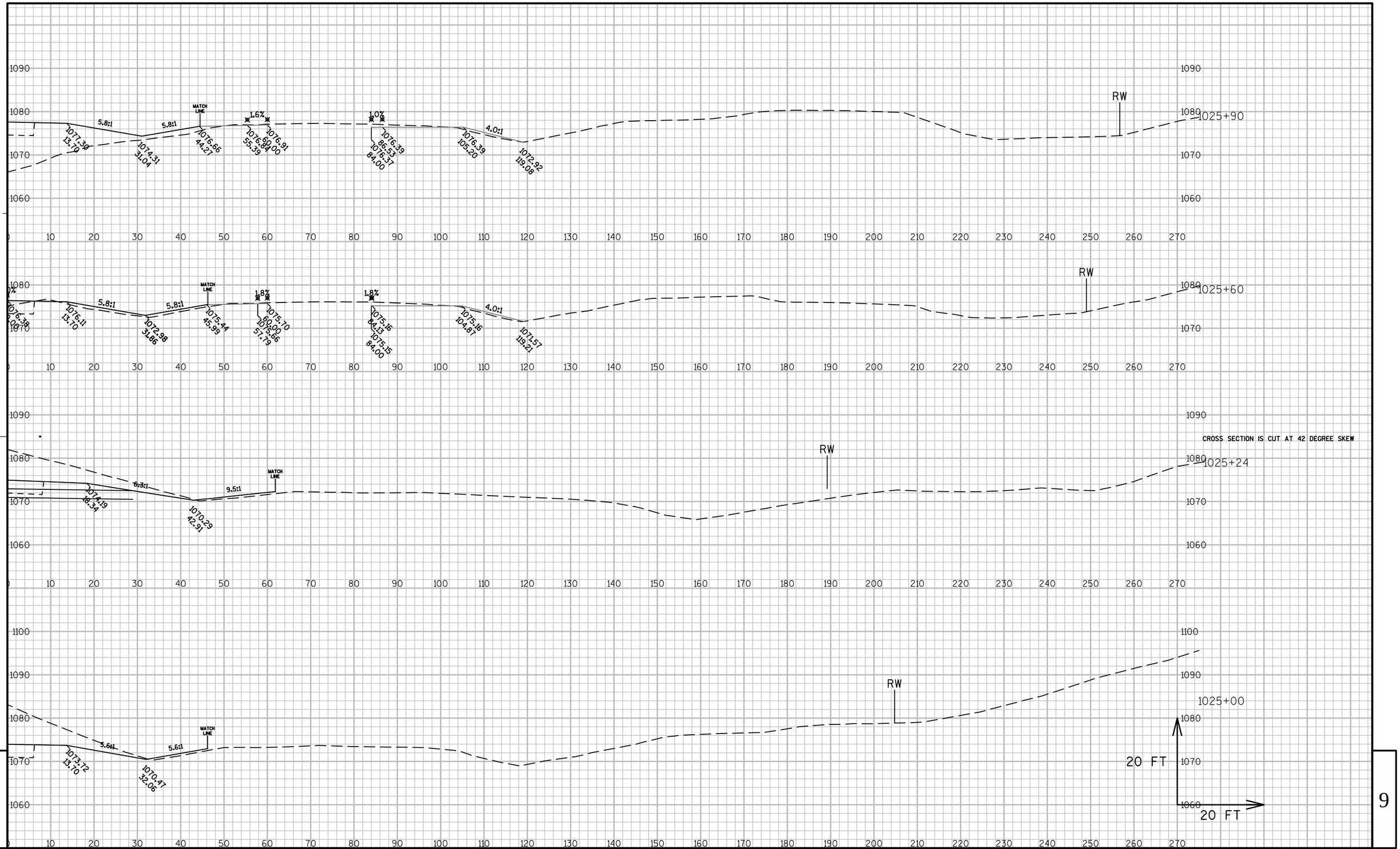


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 567	E

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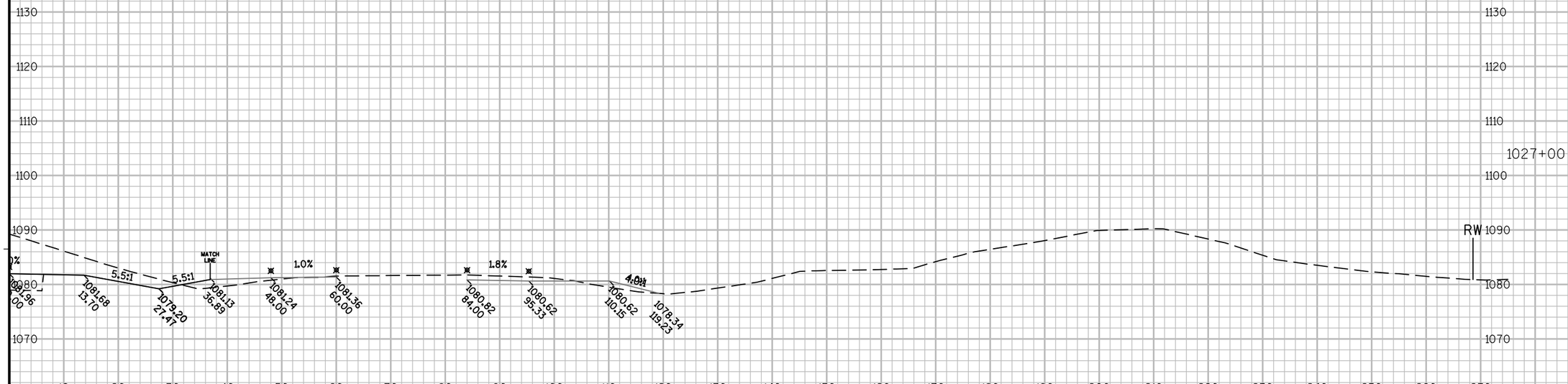


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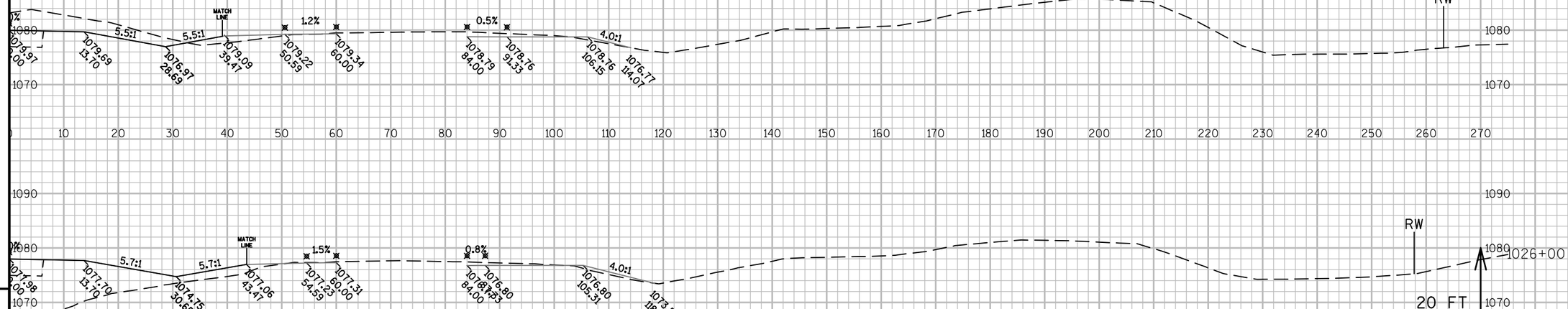
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WISDOT/CADDS SHEET 49

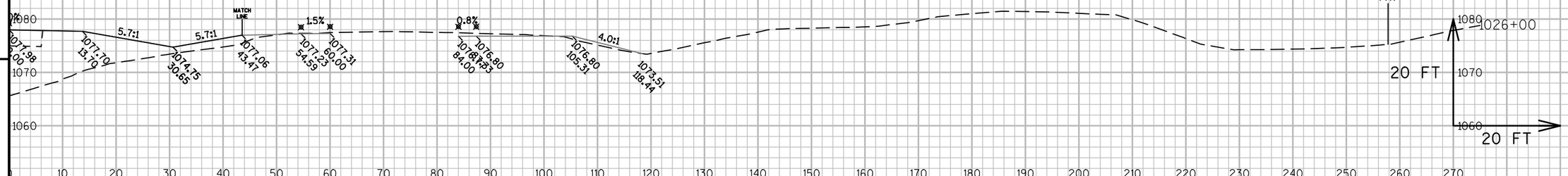
1027+00



1026+50

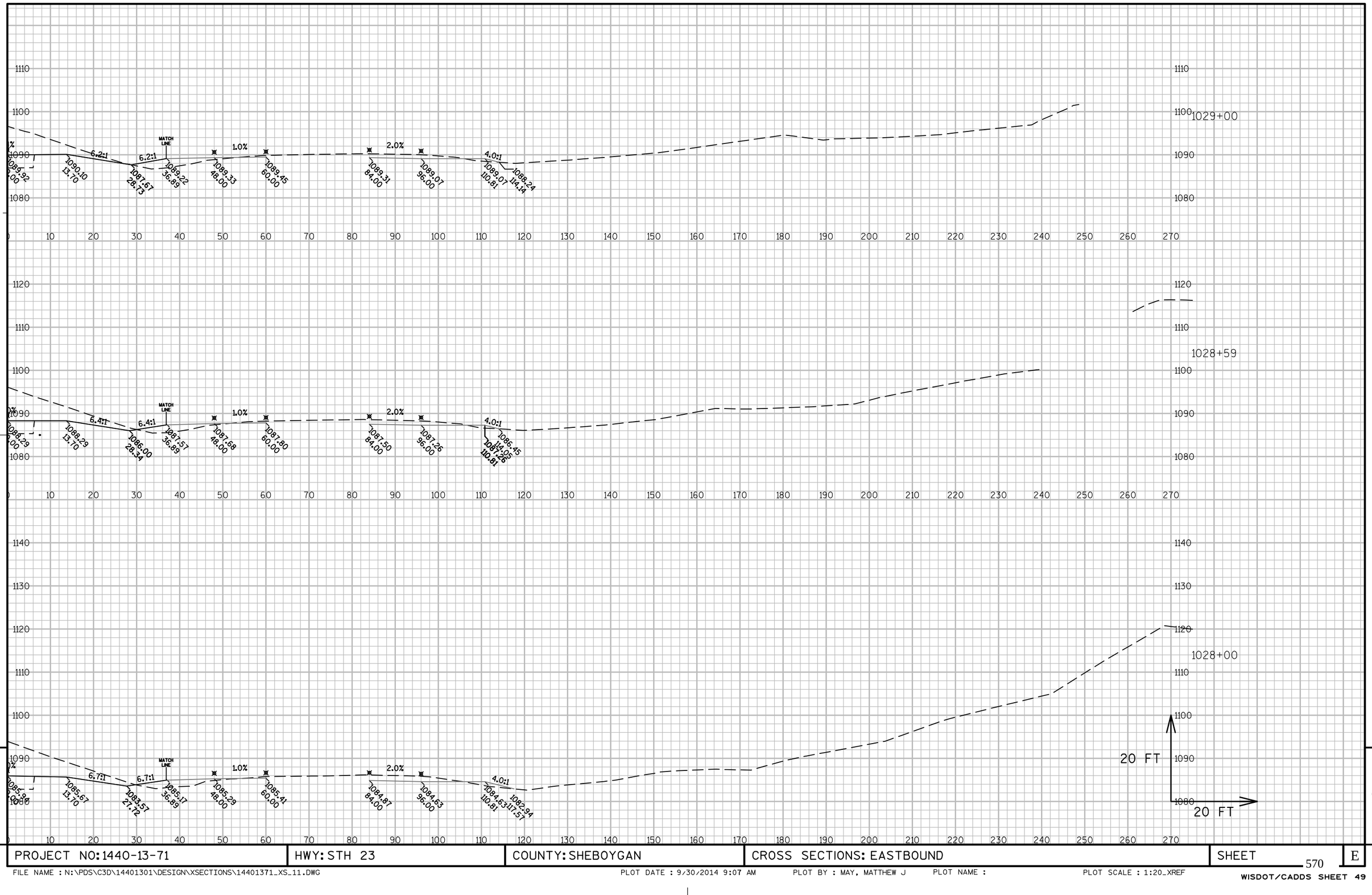


1026+00



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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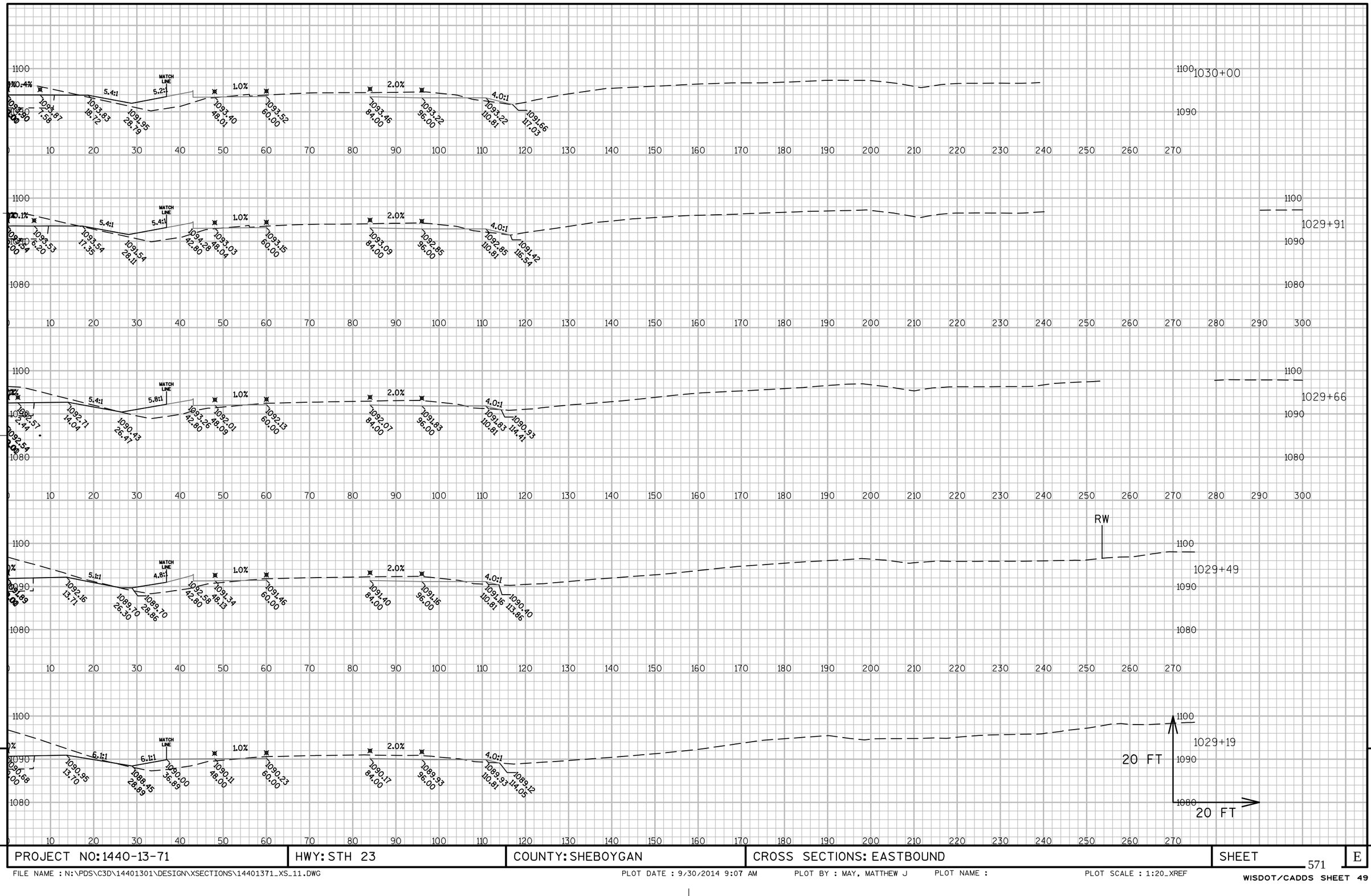


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

570

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_11.DWG PLOT DATE : 9/30/2014 9:07 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



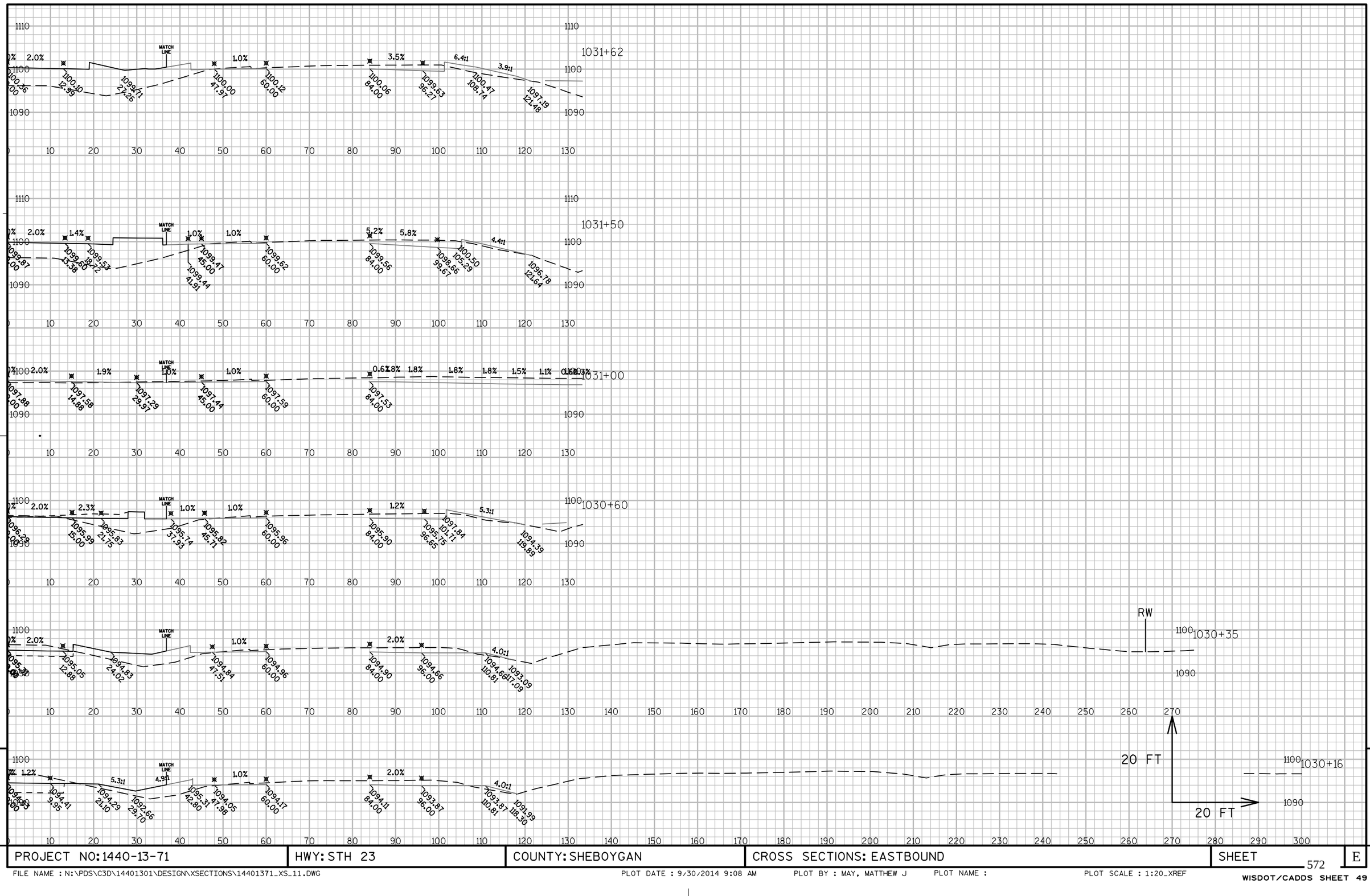
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 571	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_11.DWG PLOT DATE : 9/30/2014 9:07 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E
				572	

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_11.DWG PLOT DATE : 9/30/2014 9:08 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

CROSS SECTION CUT AT 20 DEGREE SKEW

1034+54

3.2% 3.2% 8.8:1 12.0:1 MATCH LINE 5.8:1 4.4:1

1111.55 12.77 | 1111.24 22.32 | 1109.87 34.22 | 1111.02 48.18 | 1110.70 105.52 | 1107.09 126.41 | 1092.49 161.47

1034+00

2.0% 8.4:1 8.4:1 MATCH LINE 6.0:1 4.0:1

1109.82 0.00 | 1109.58 12.00 | 1109.36 23.11 | 1108.18 33.00 | 1109.54 47.72 | 1109.98 98.33 | 1106.65 118.33

1033+00

2.0% 9.3:1 9.3:1 MATCH LINE

1105.84 0.00 | 1105.60 12.00 | 1105.39 23.11 | 1104.17 34.37

1032+00

2.0% 5.1:1 5.9:1 MATCH LINE 1.4% 0.7% 4.0:1

1101.86 0.00 | 1101.62 11.97 | 1103.12 16.98 | 1100.16 32.22 | 1101.37 39.33 | 1101.52 50.48 | 1101.65 60.00 | 1101.59 84.00 | 1101.52 94.14 | 1101.52 108.98 | 1098.64 120.51

20 FT

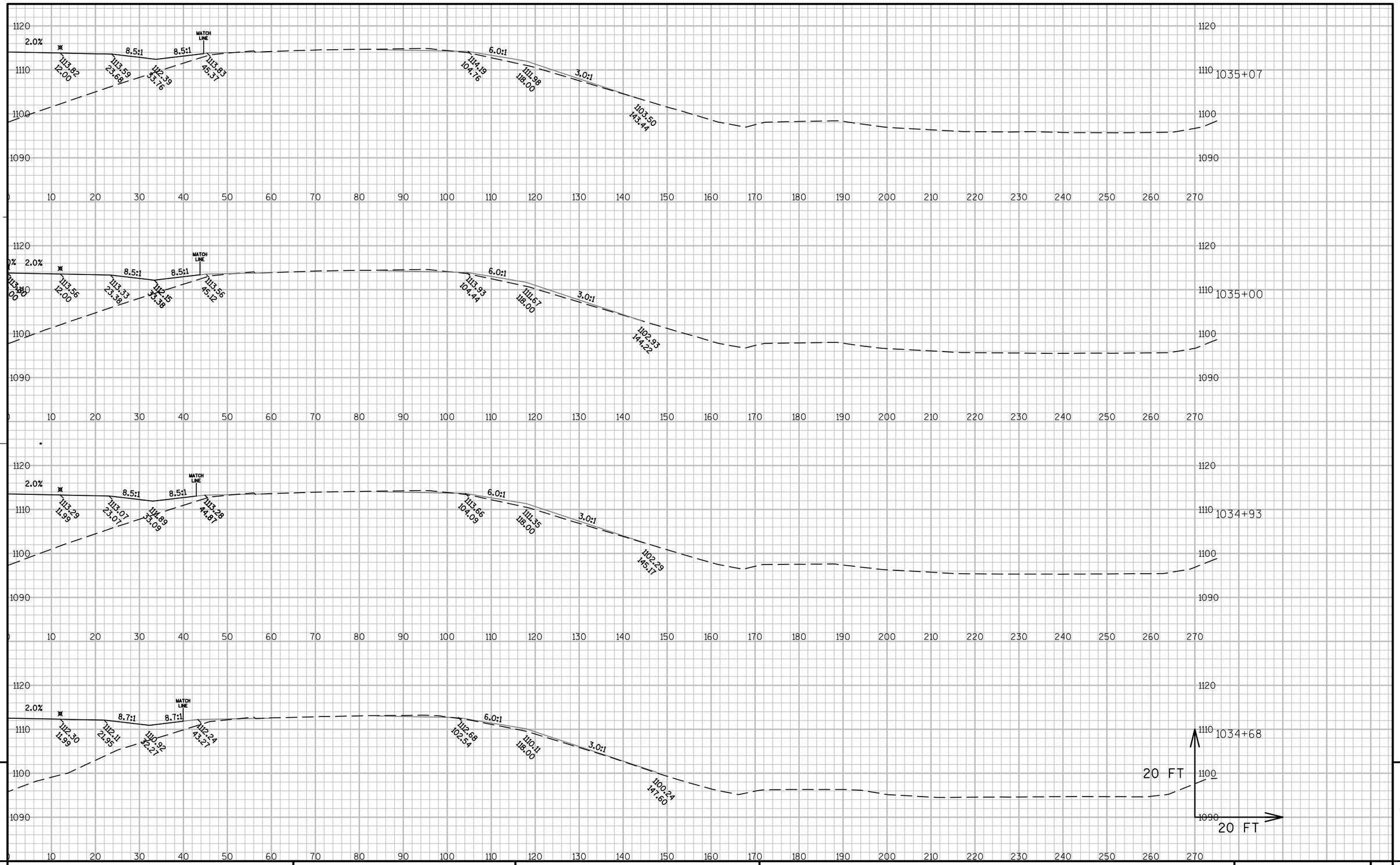
20 FT

9 9

PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 573	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_11.DWG PLOT DATE : 9/30/2014 9:08 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



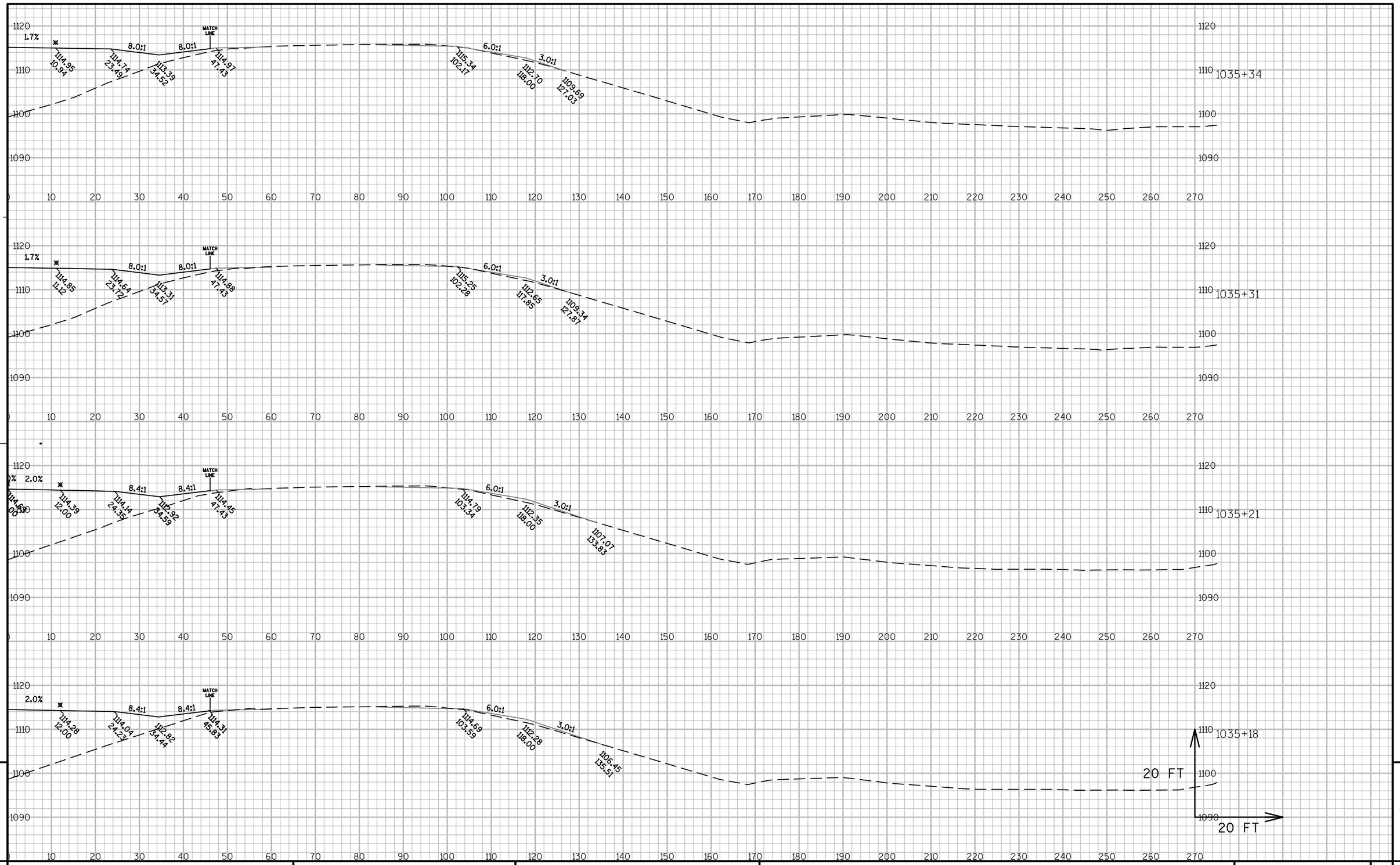
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_11.DWG PLOT DATE : 9/30/2014 9:08 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



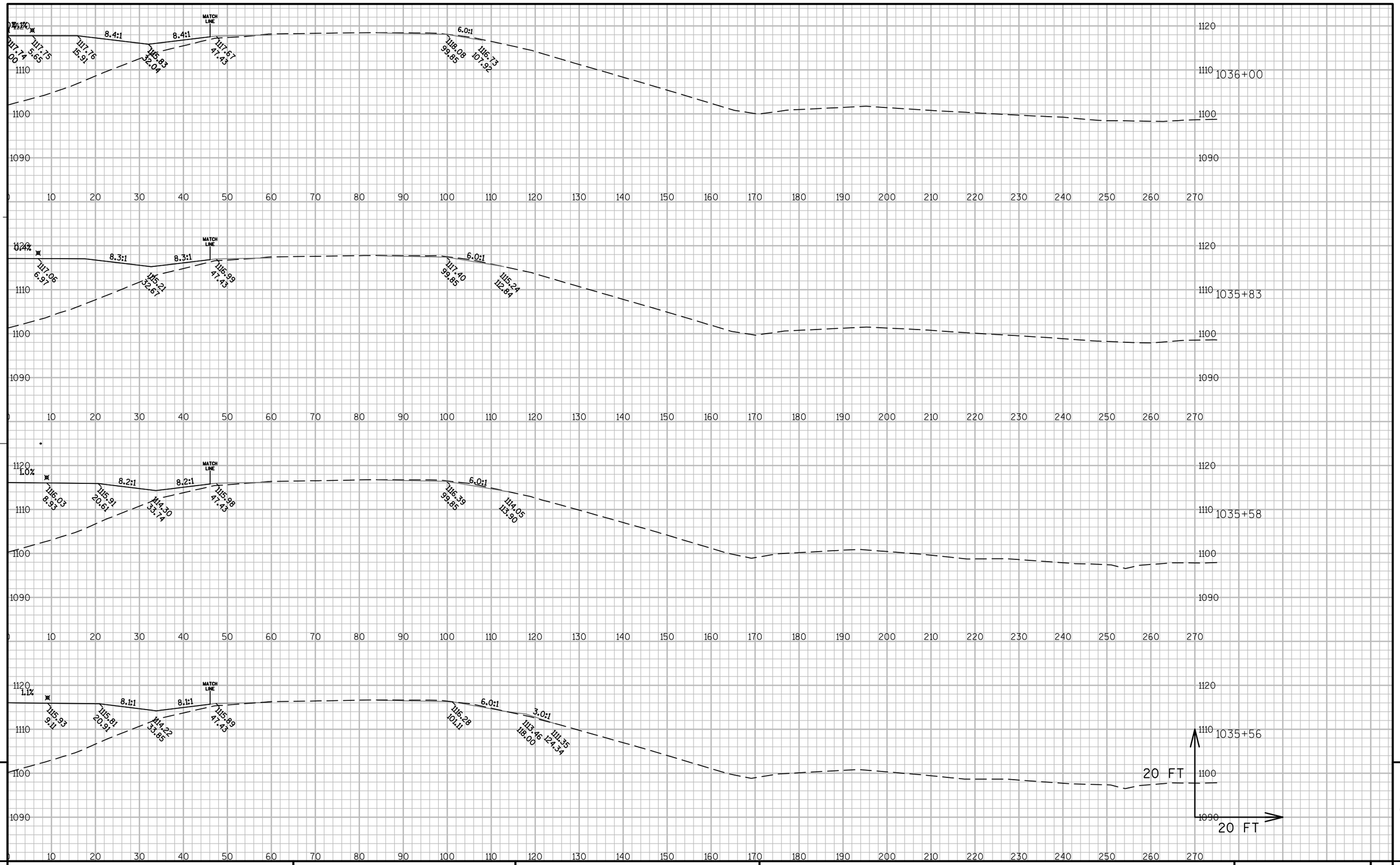
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_11.DWG PLOT DATE : 9/30/2014 9:09 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

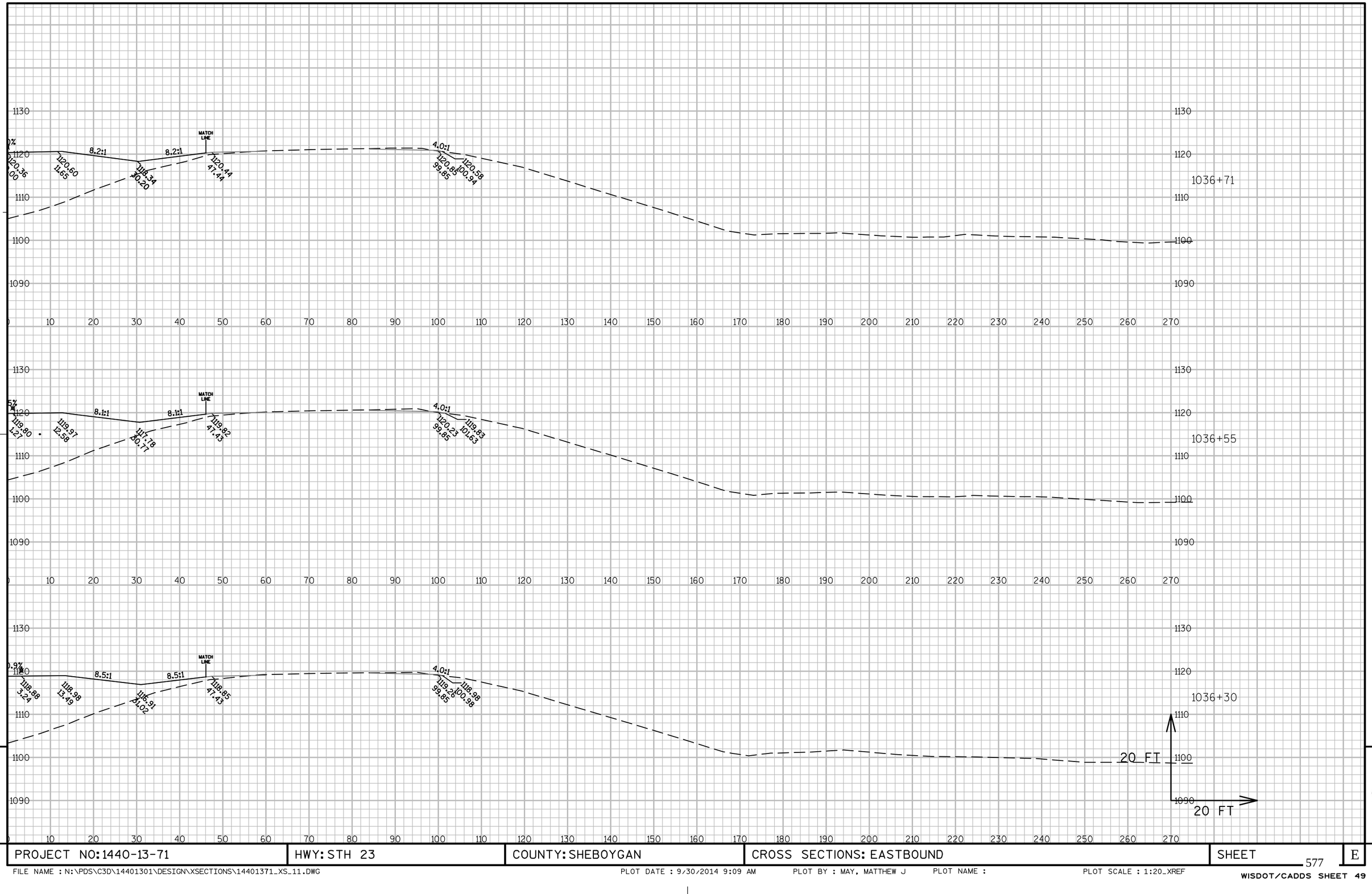
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_11.DWG PLOT DATE : 9/30/2014 9:09 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

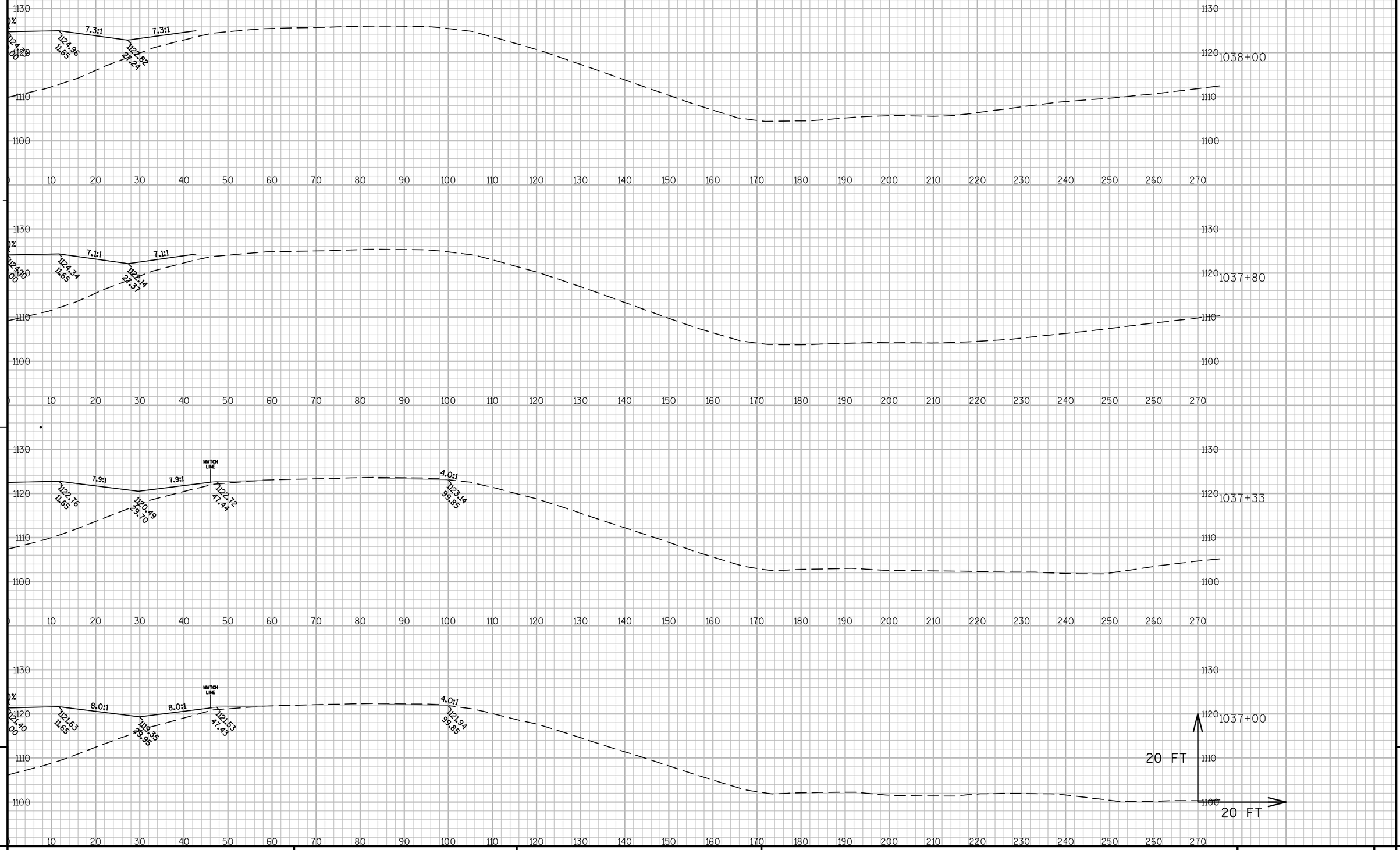


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

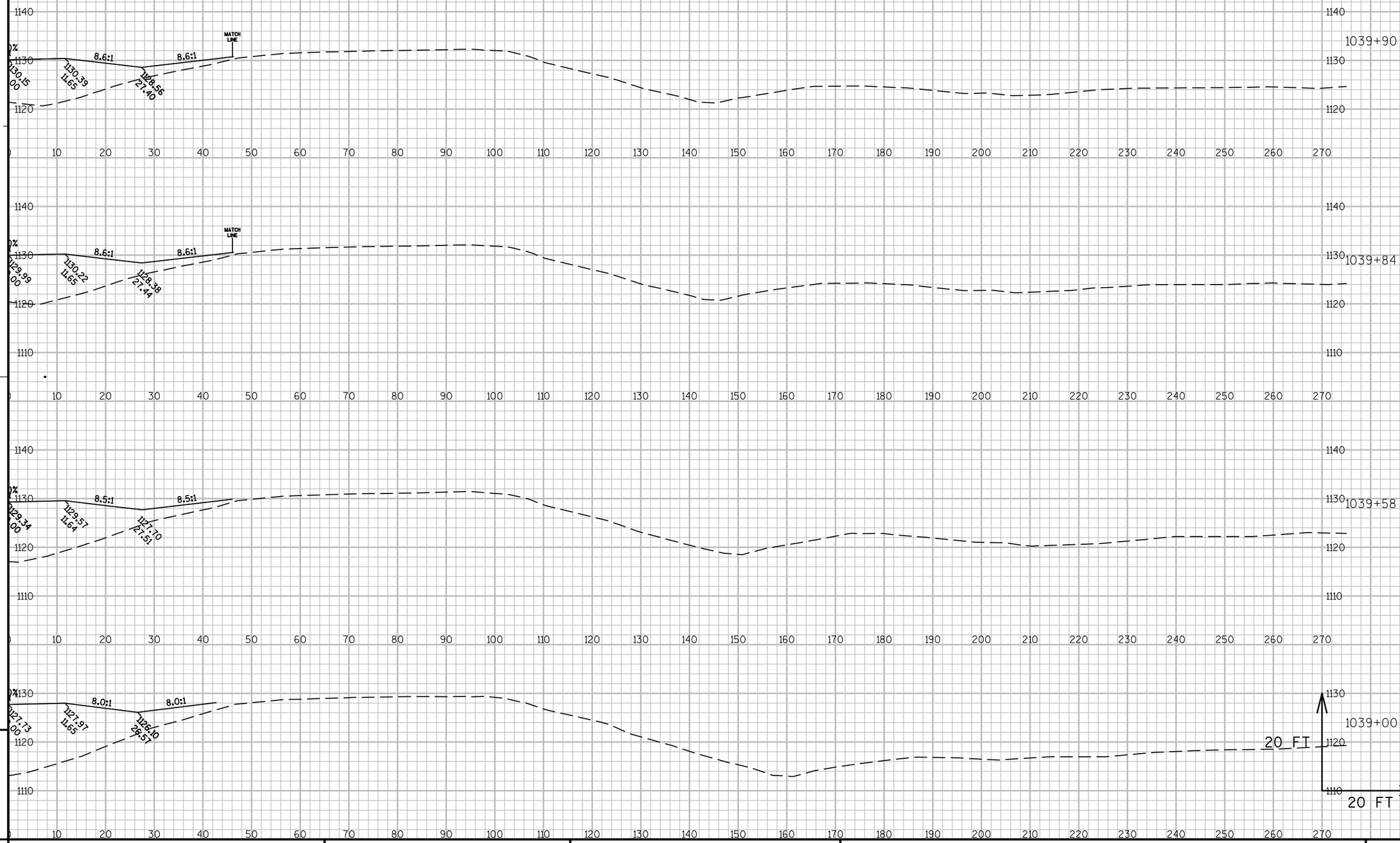
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

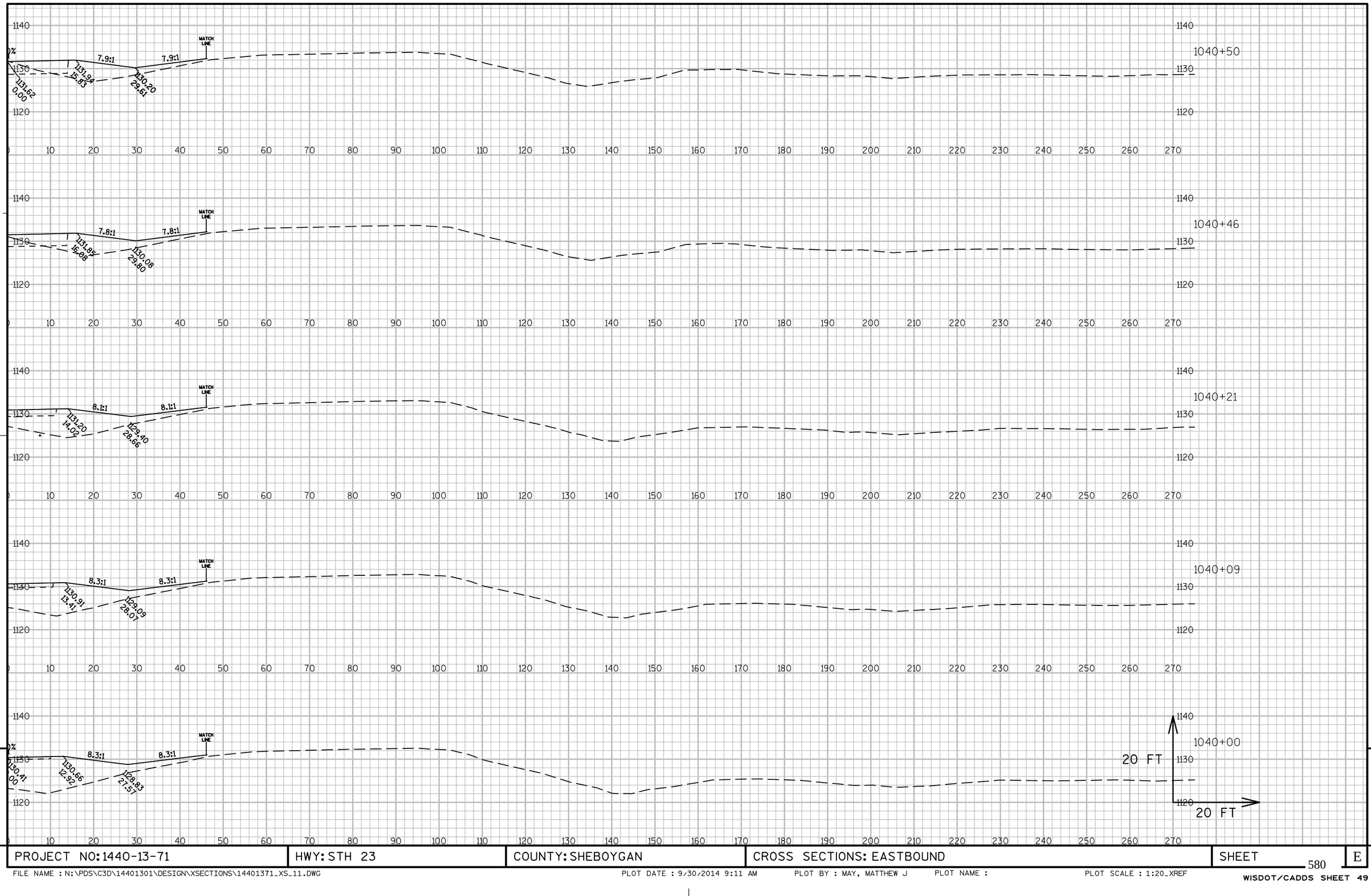
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

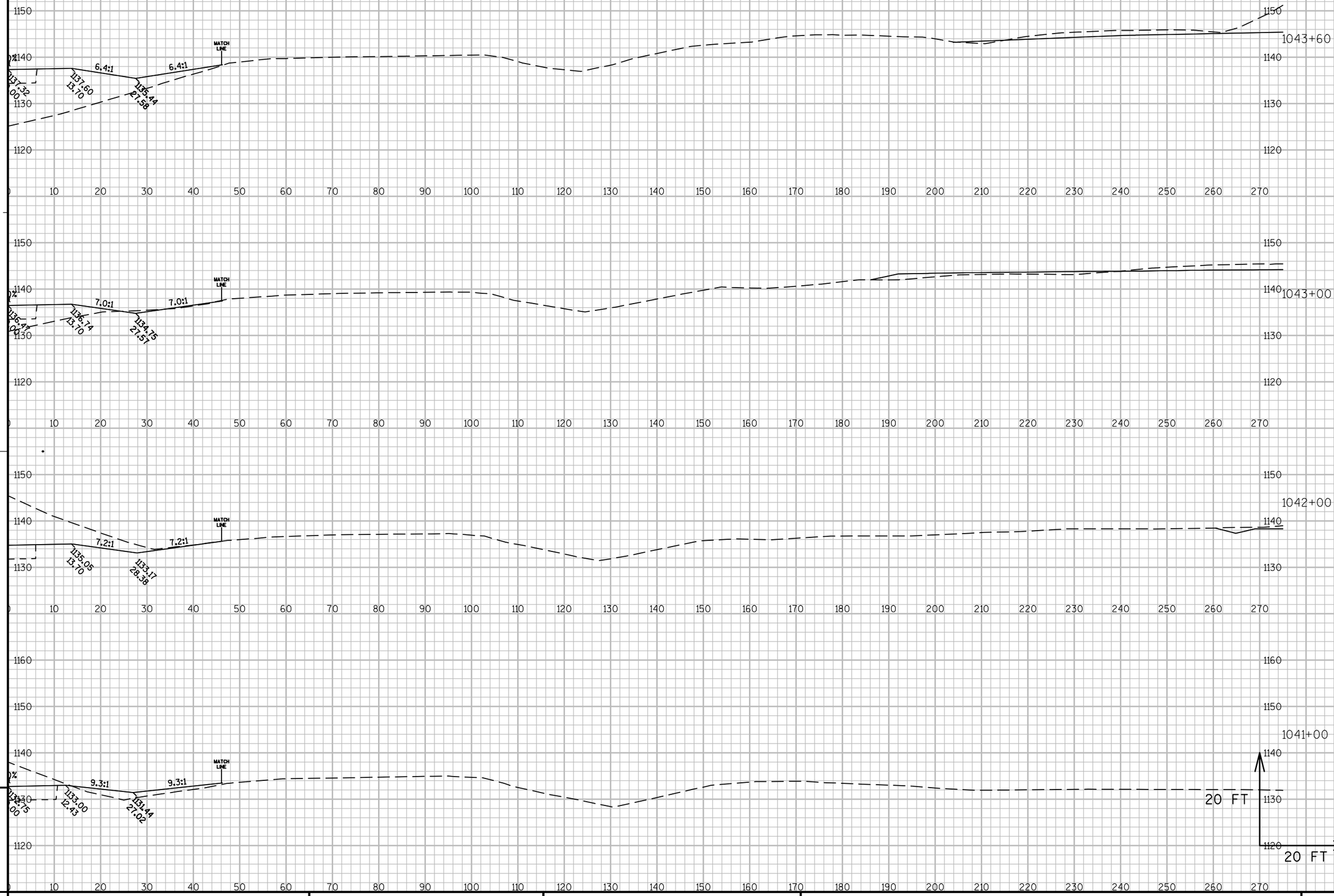
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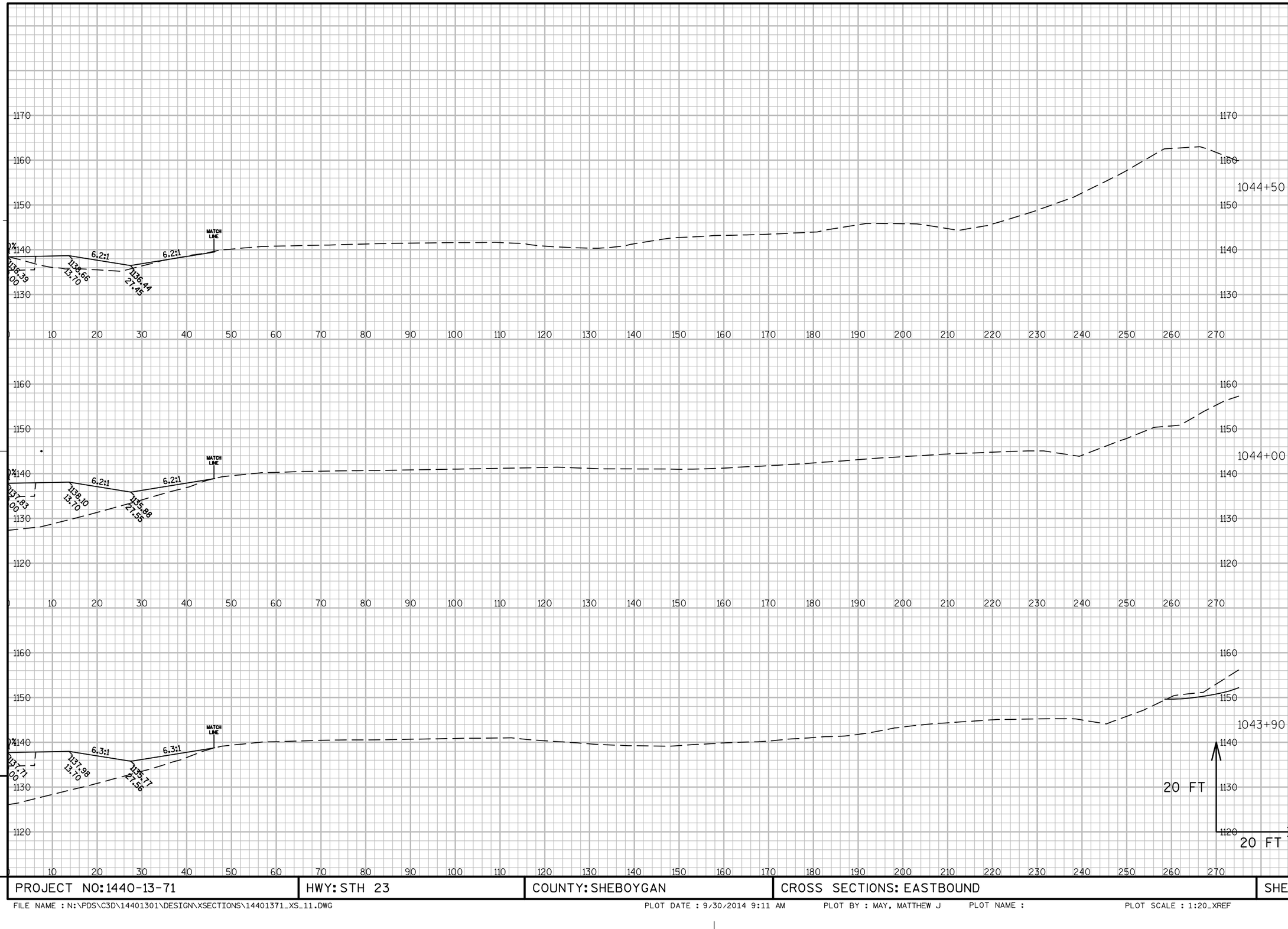
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E



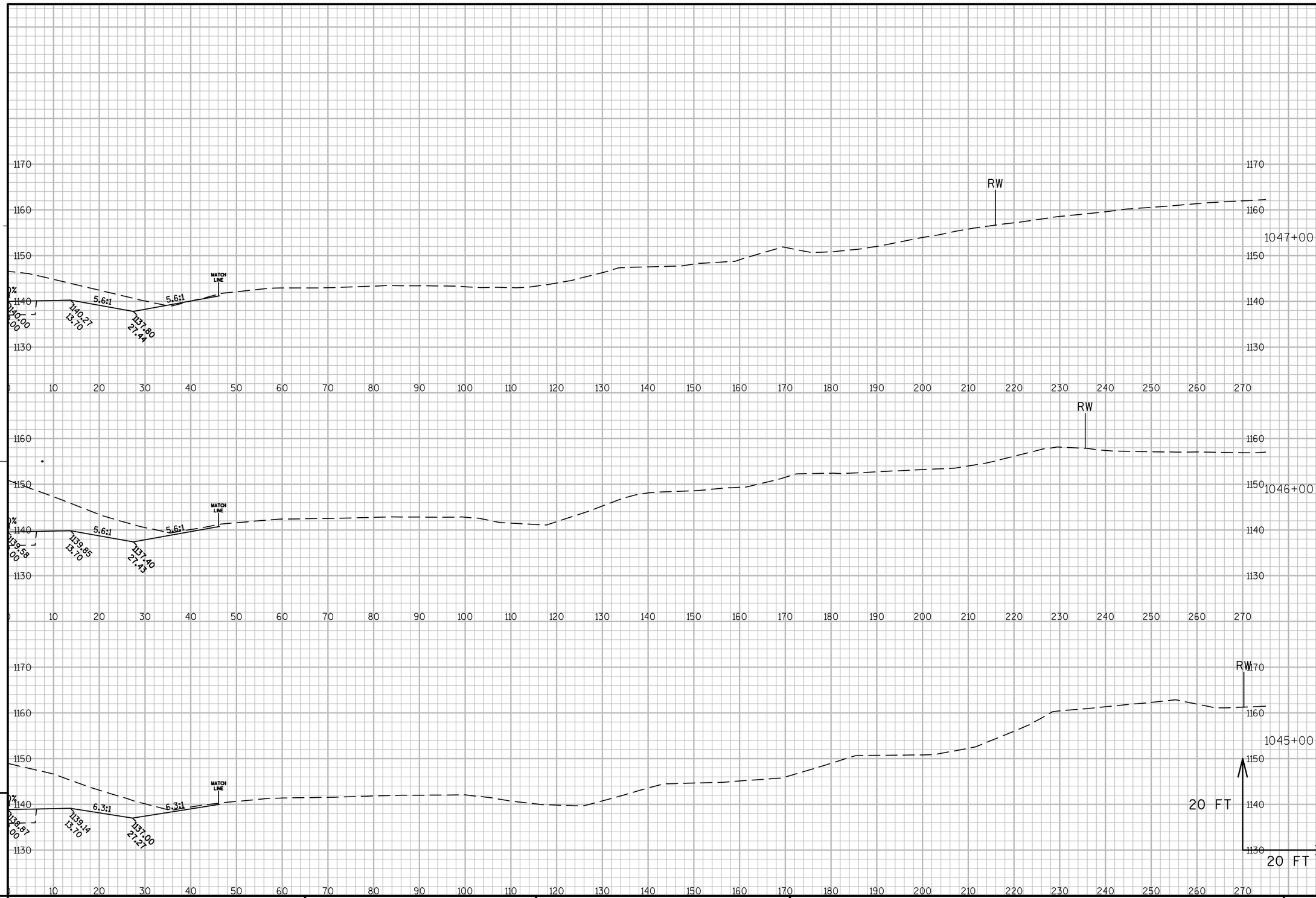
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 582	E

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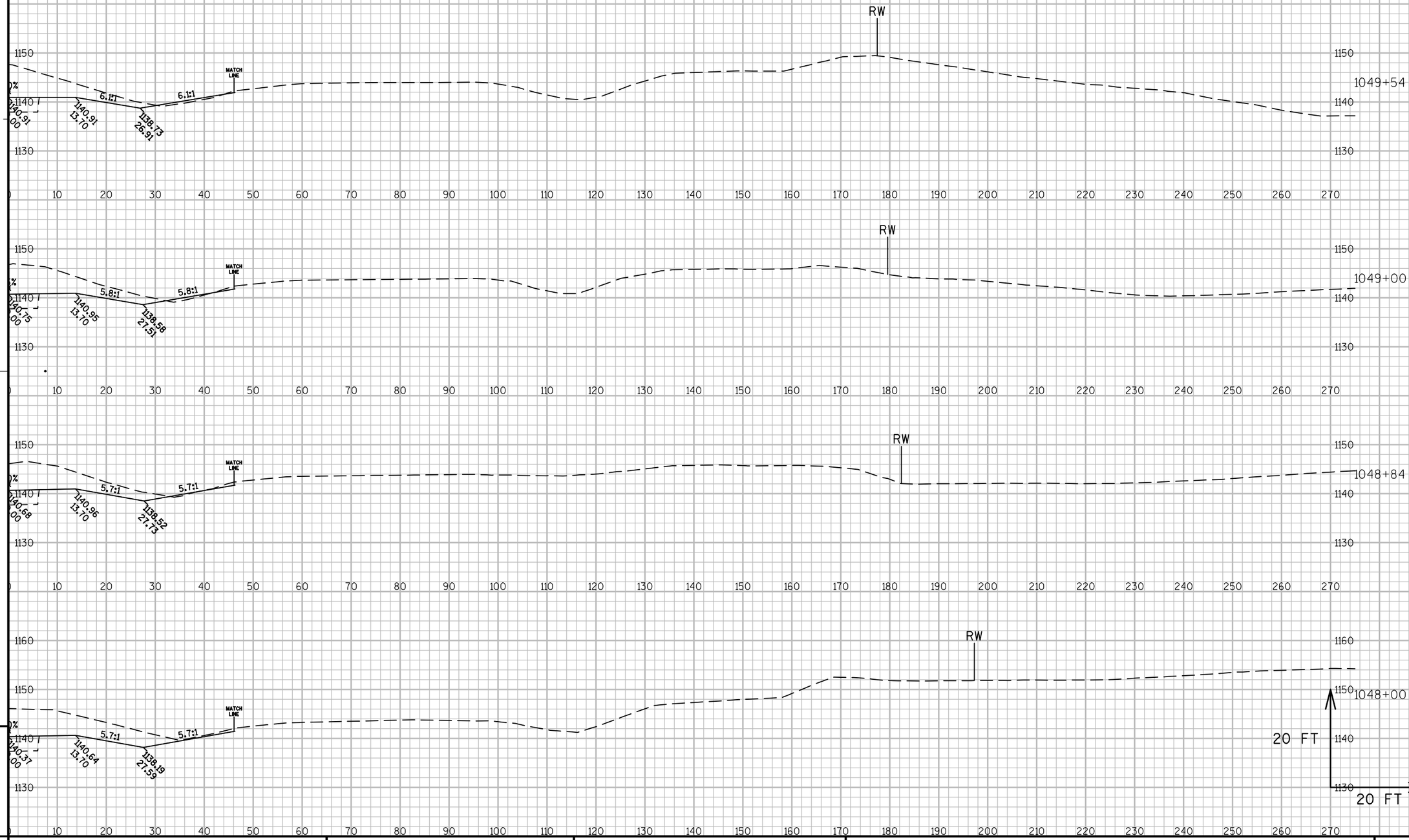
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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WISDOT/CADDS SHEET 49

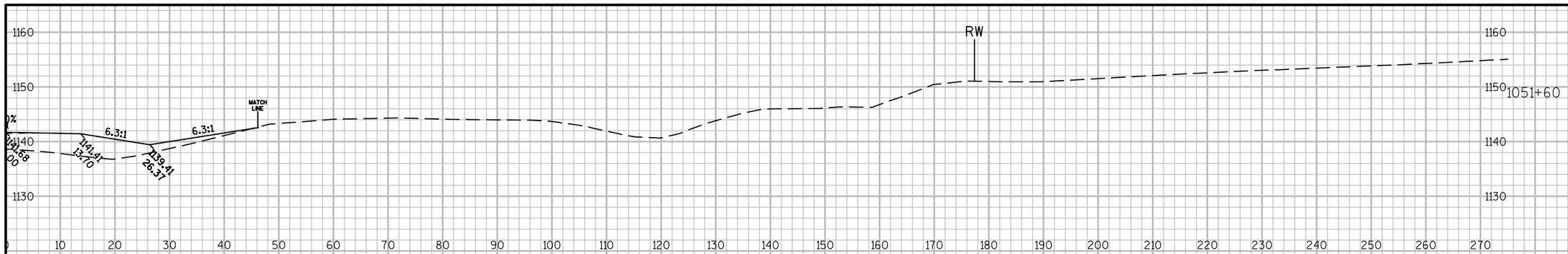


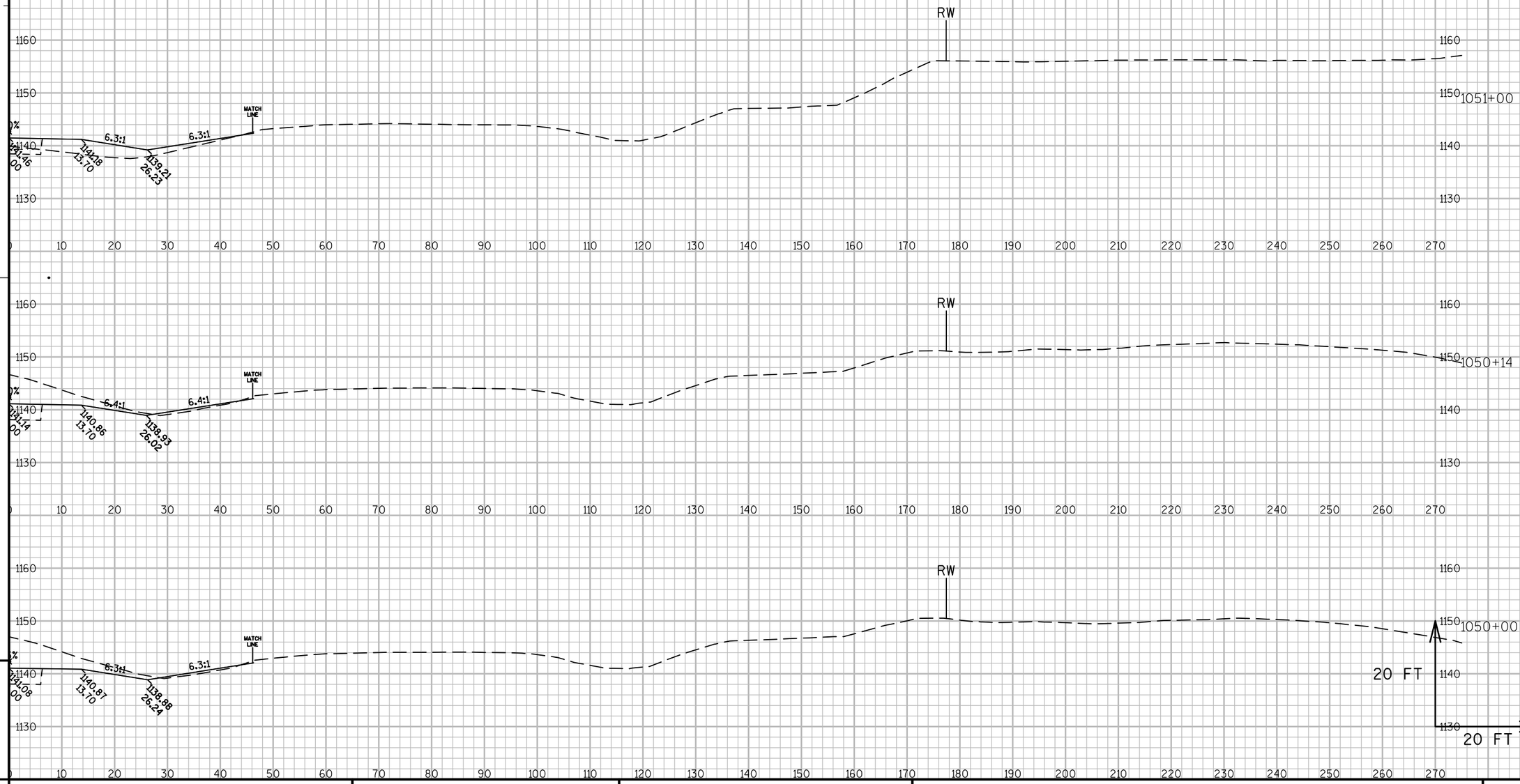
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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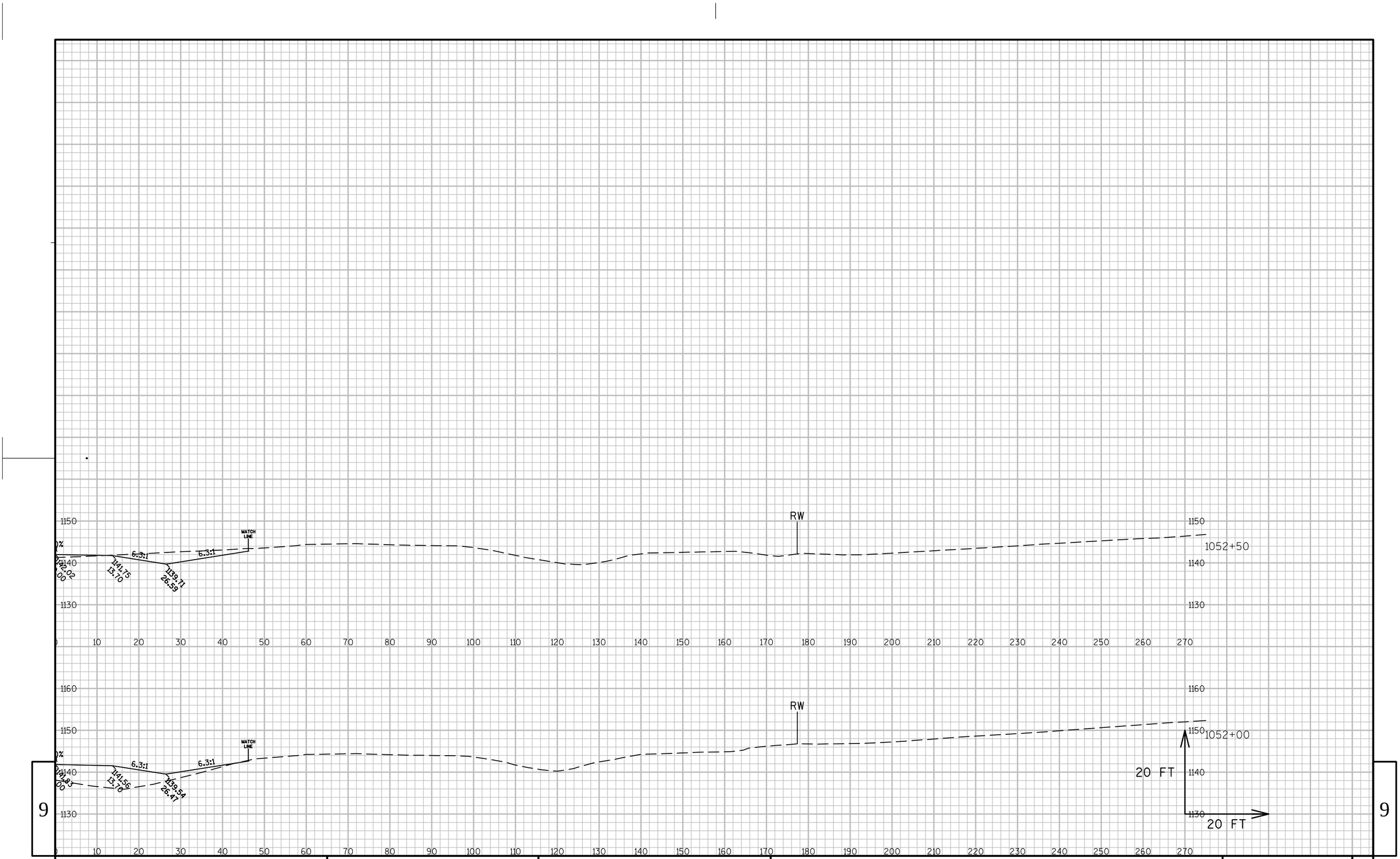
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

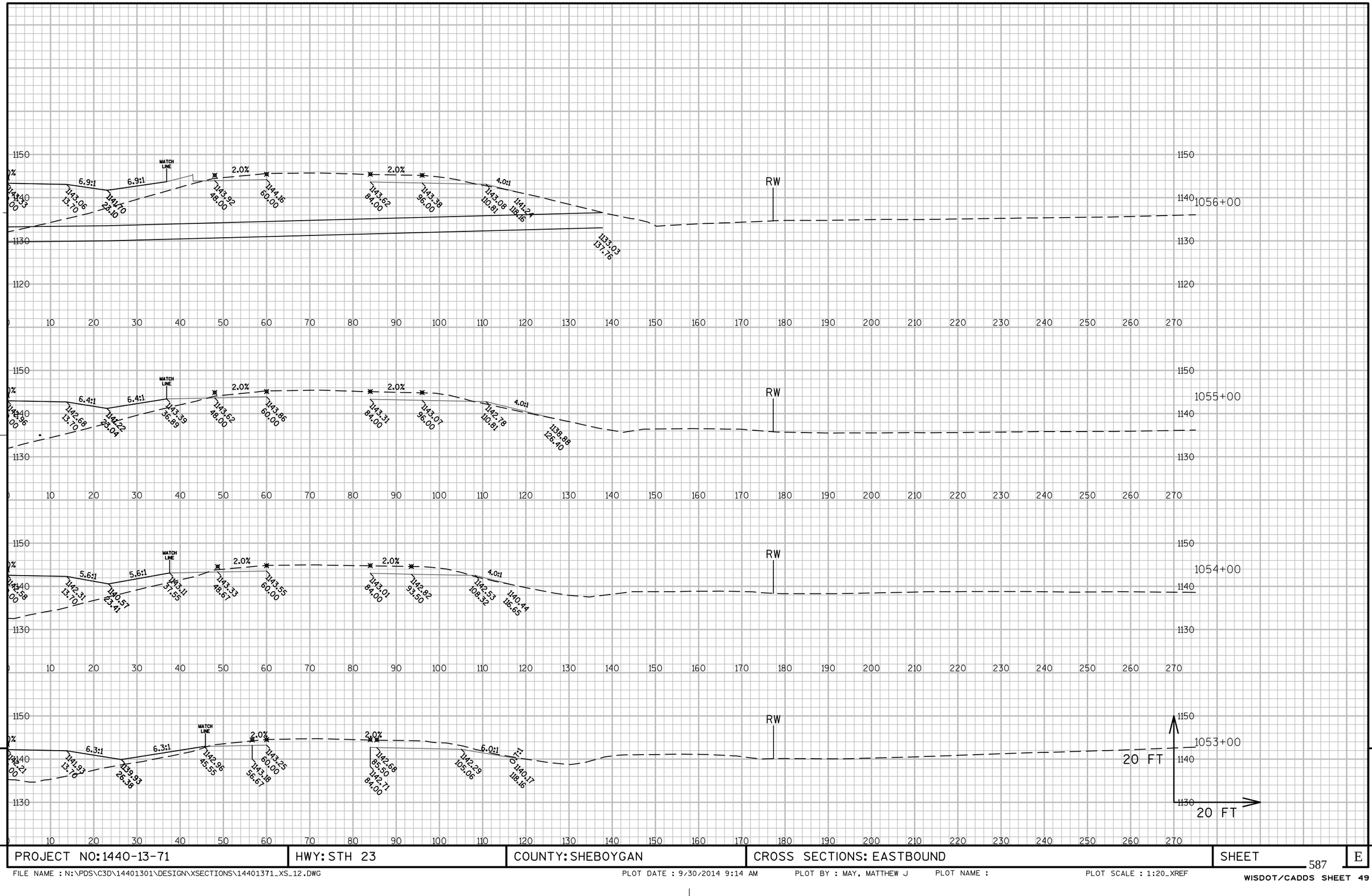
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

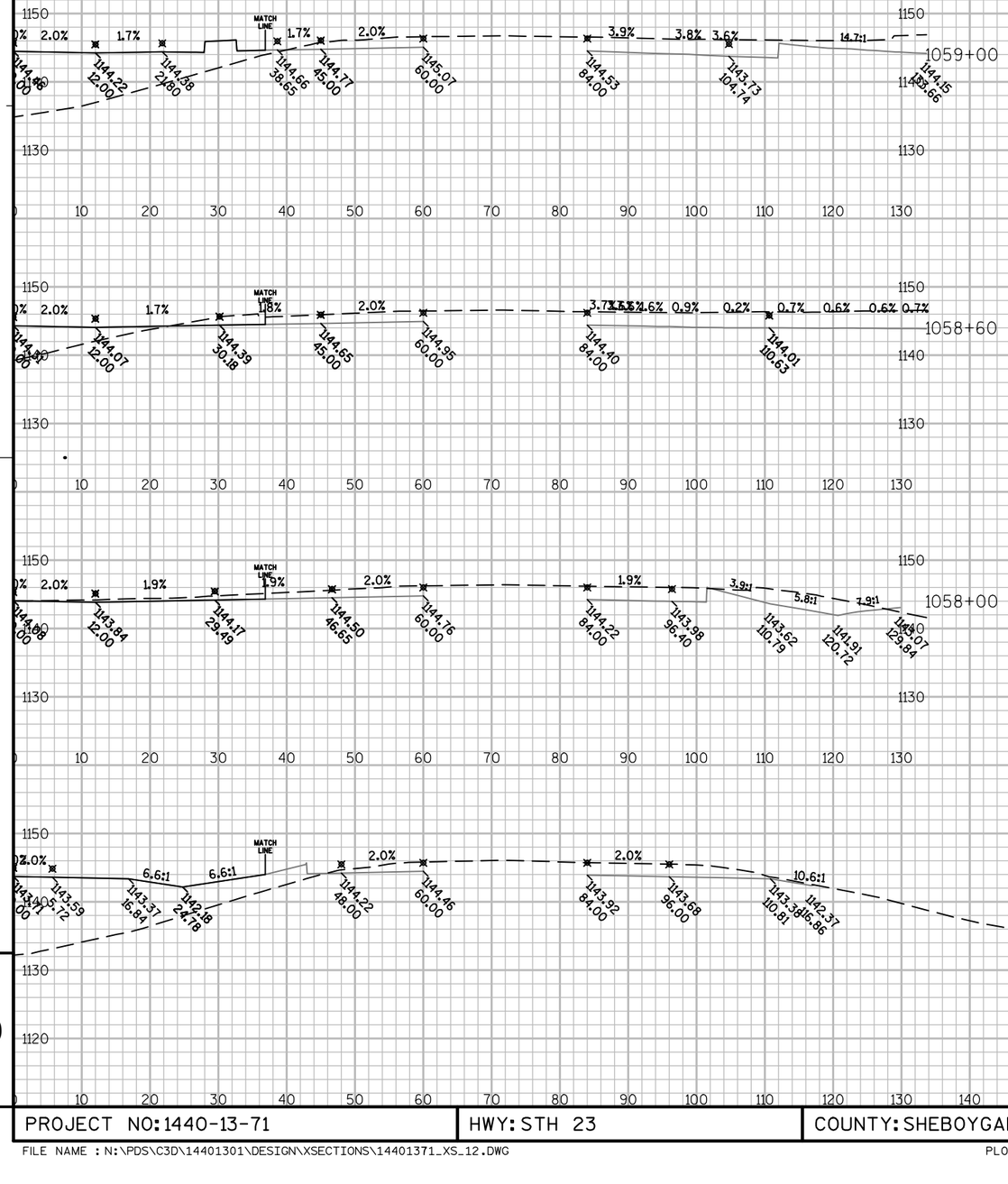
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 587	E

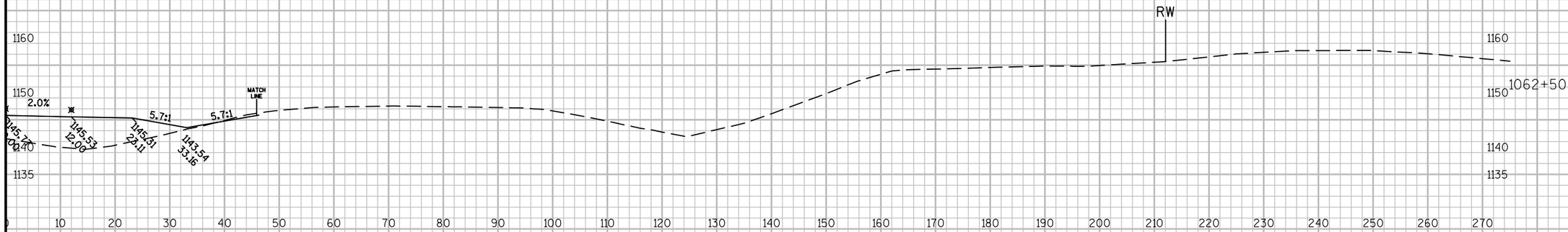
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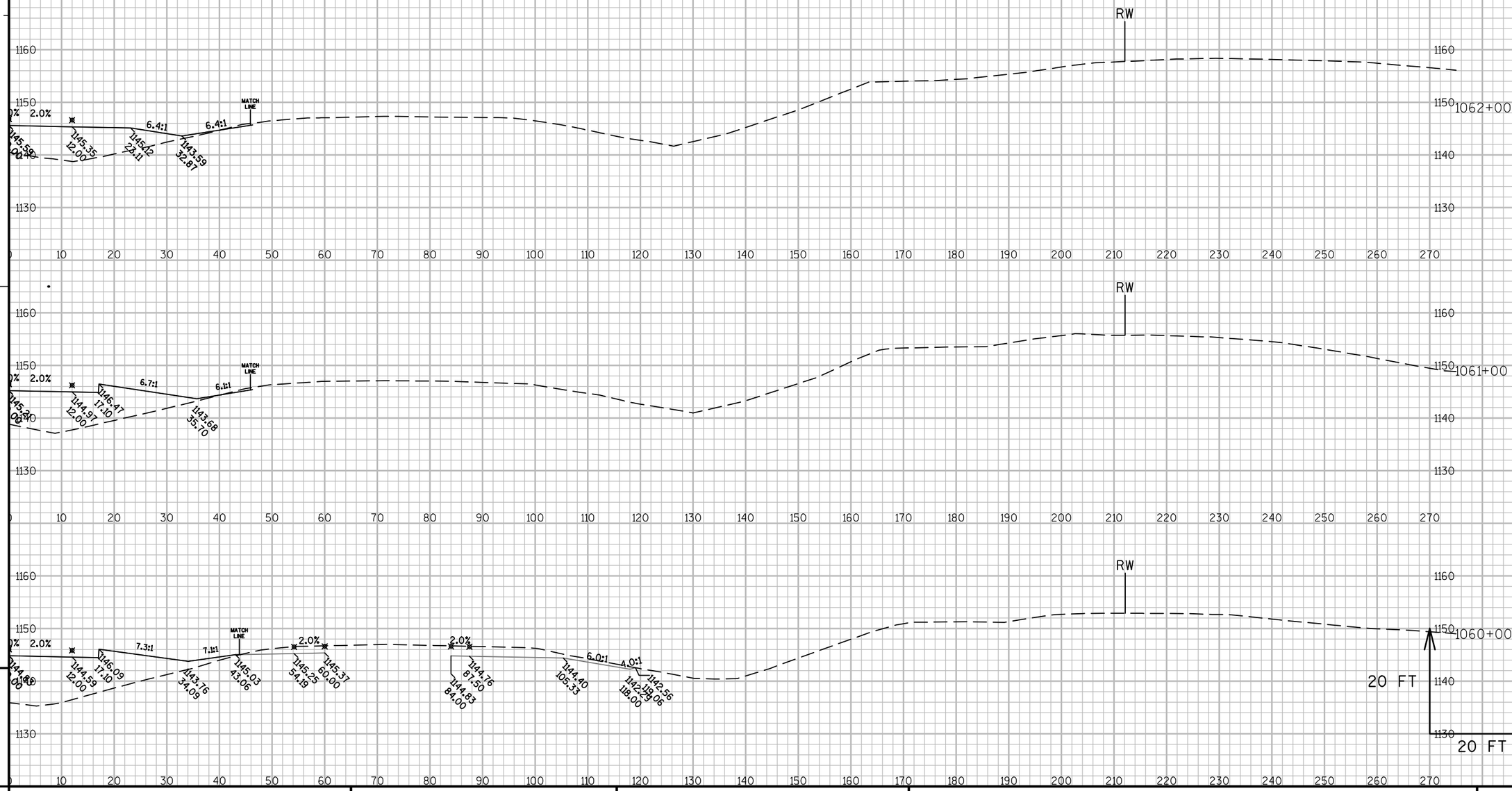
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

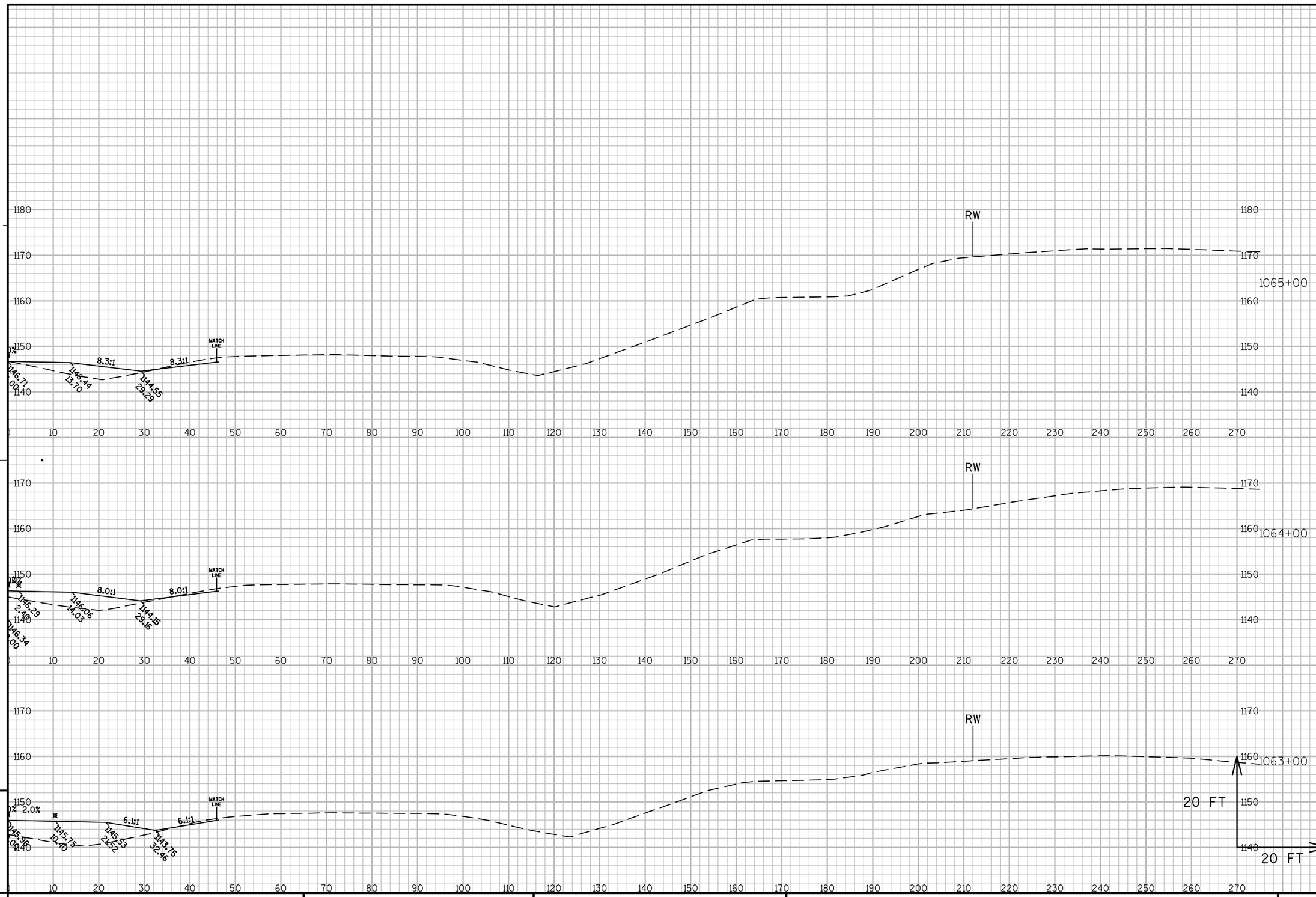
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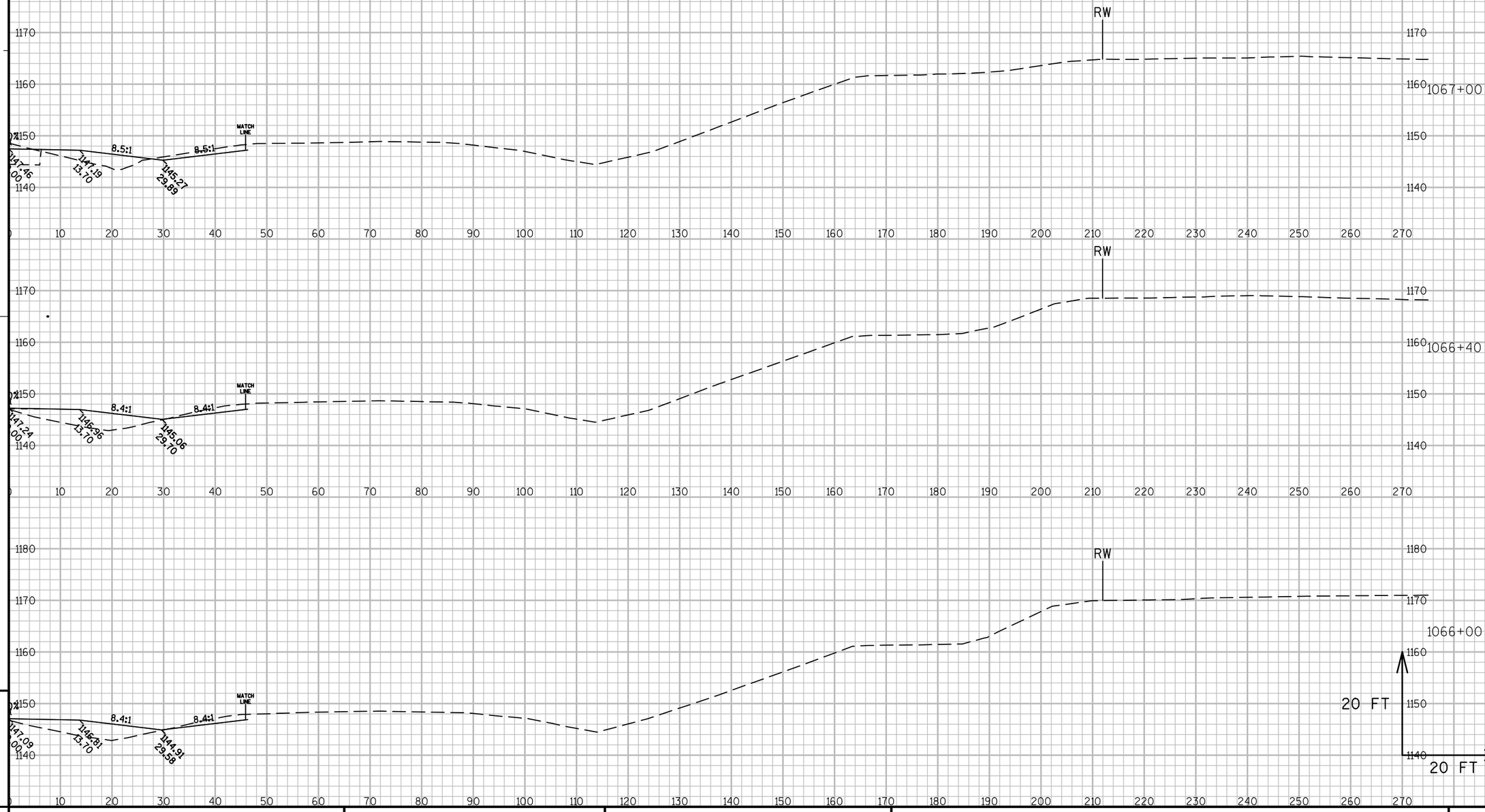
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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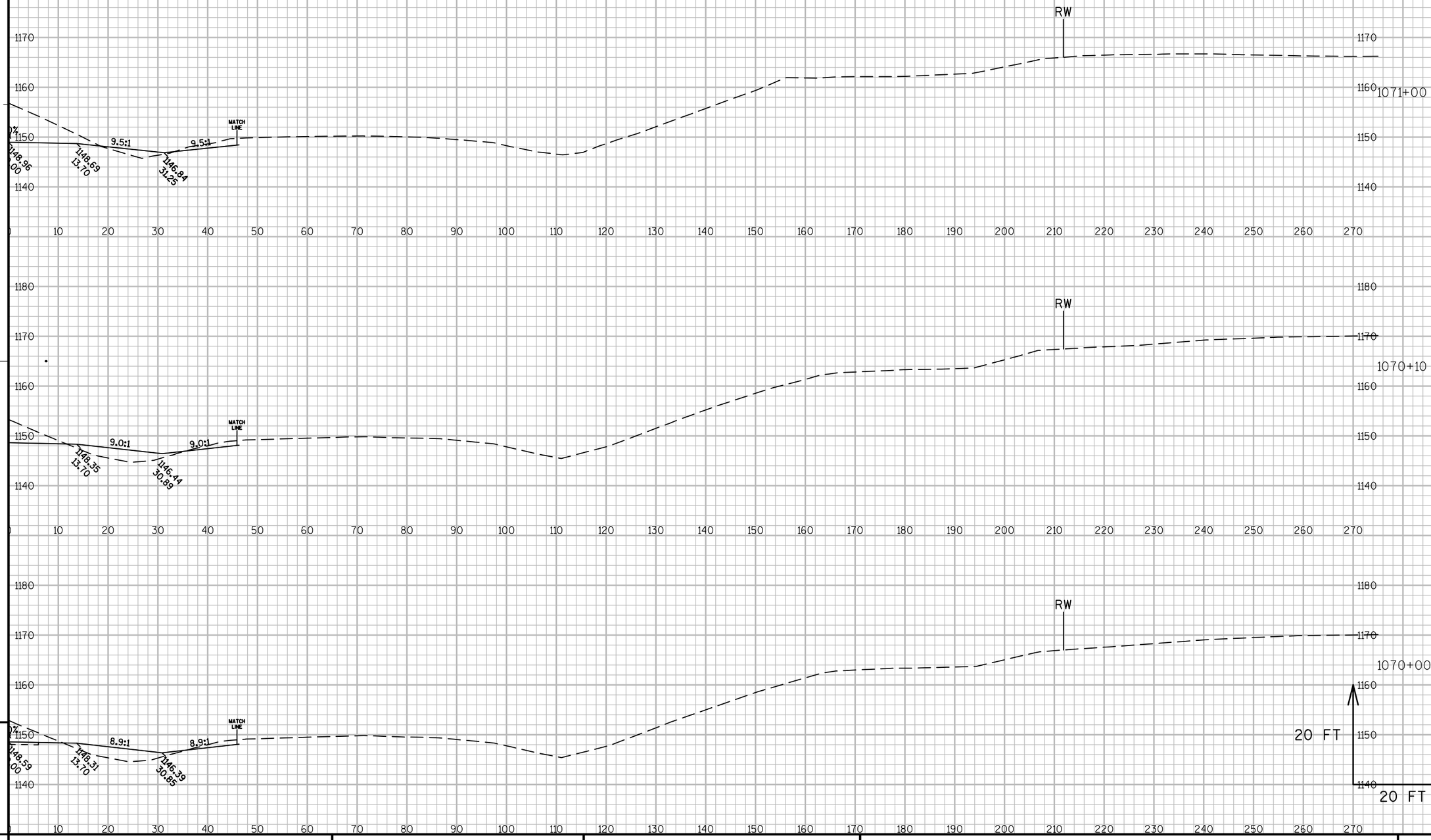


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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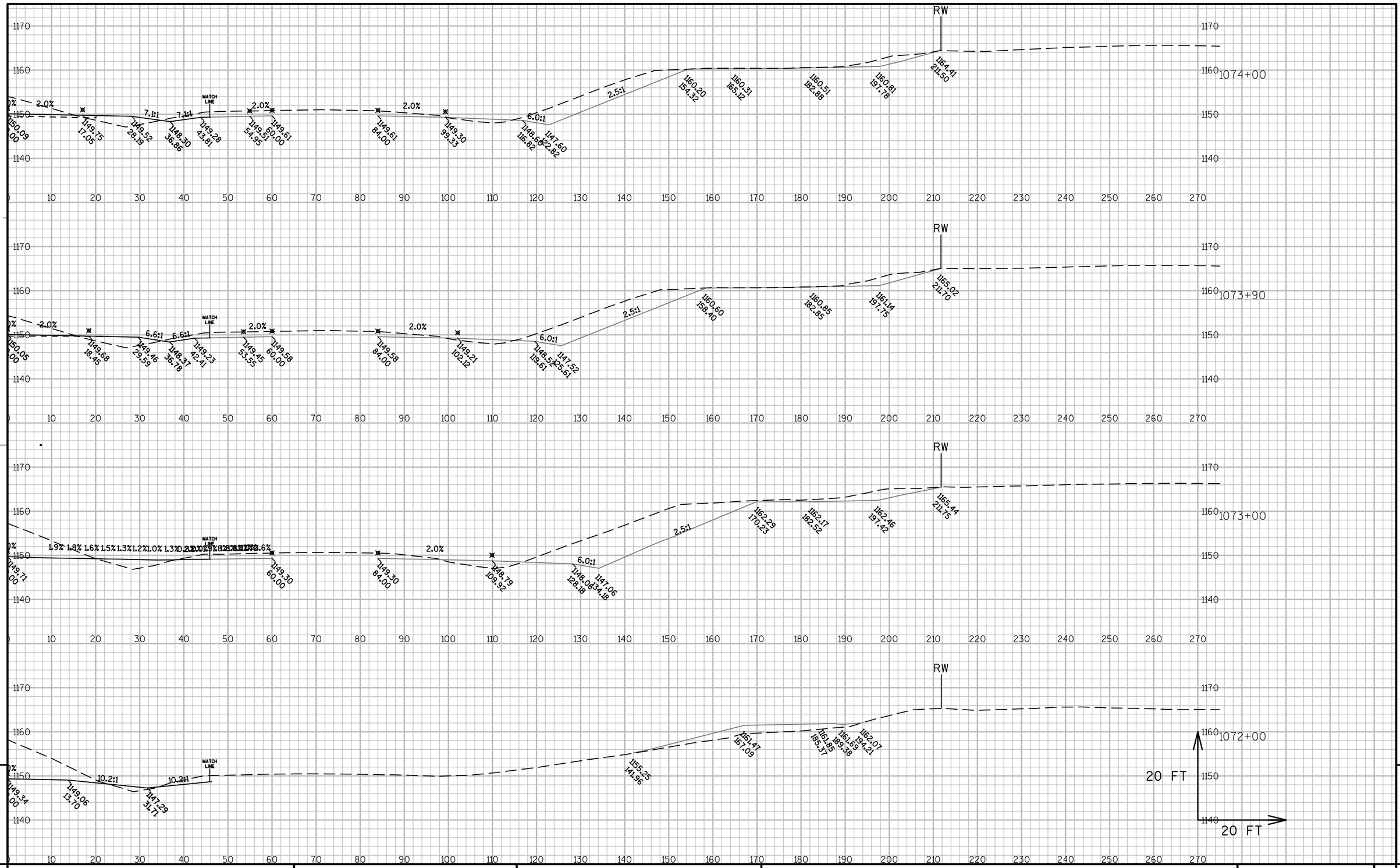
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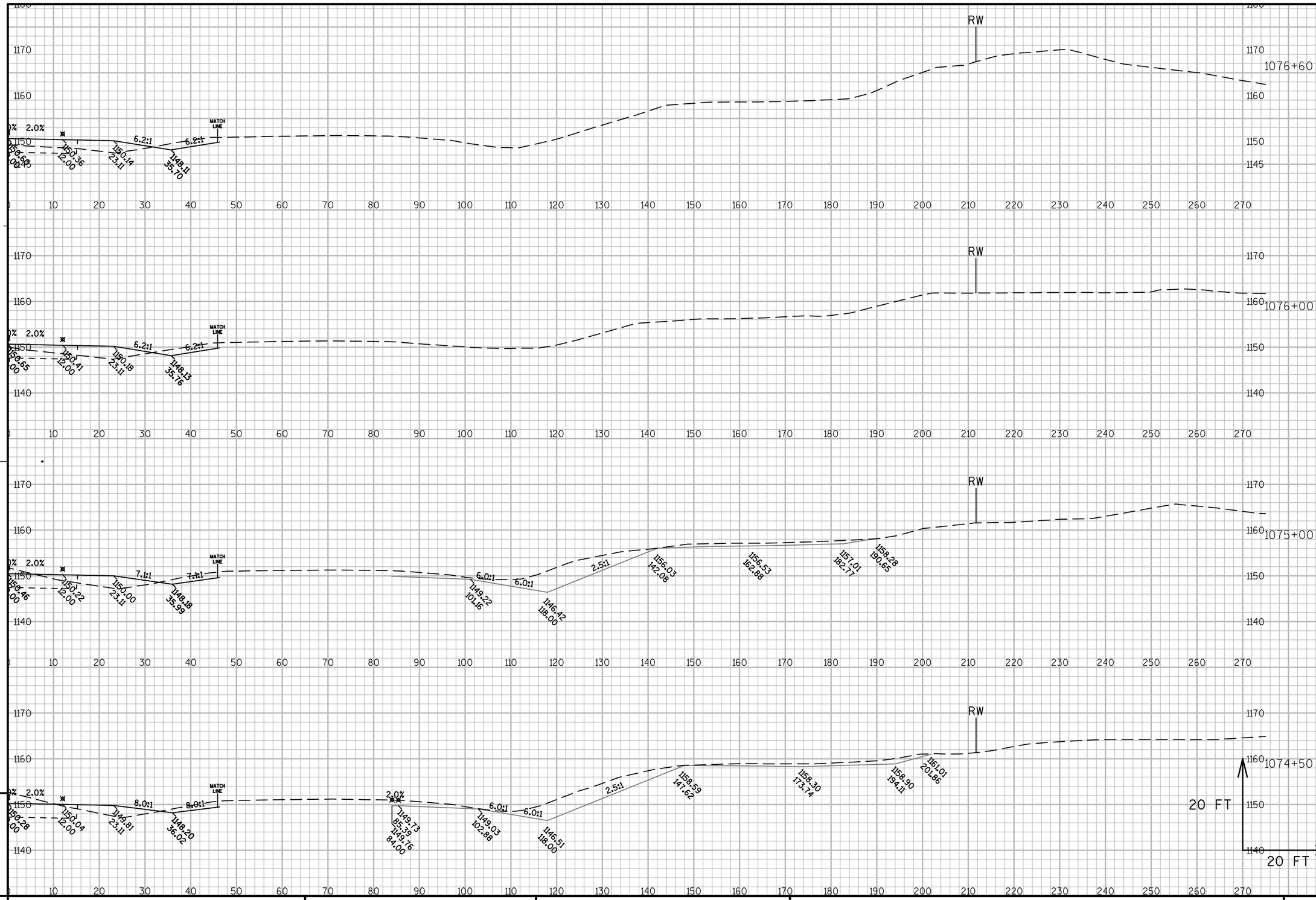


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_12.DWG PLOT DATE : 9/30/2014 9:16 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



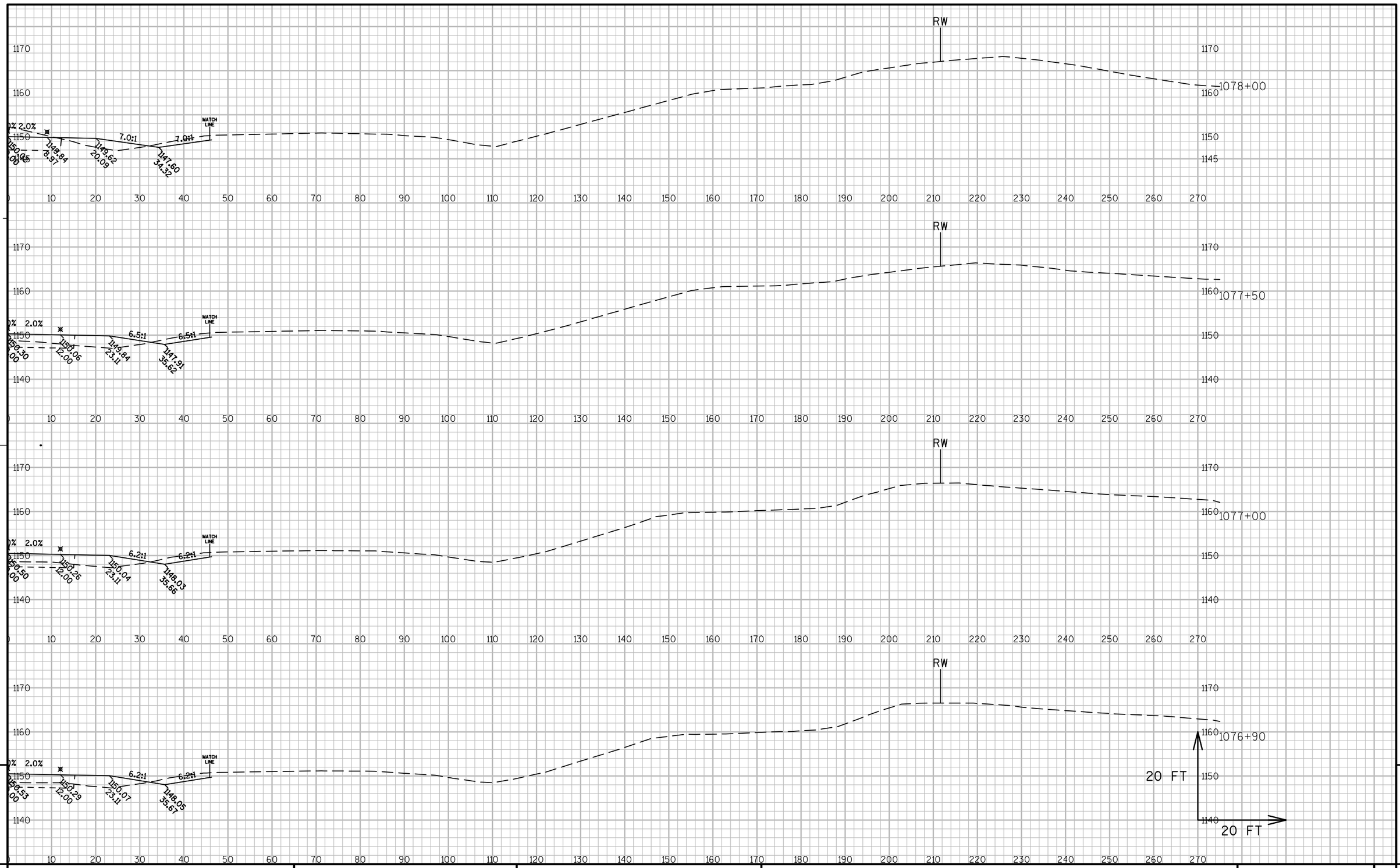
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

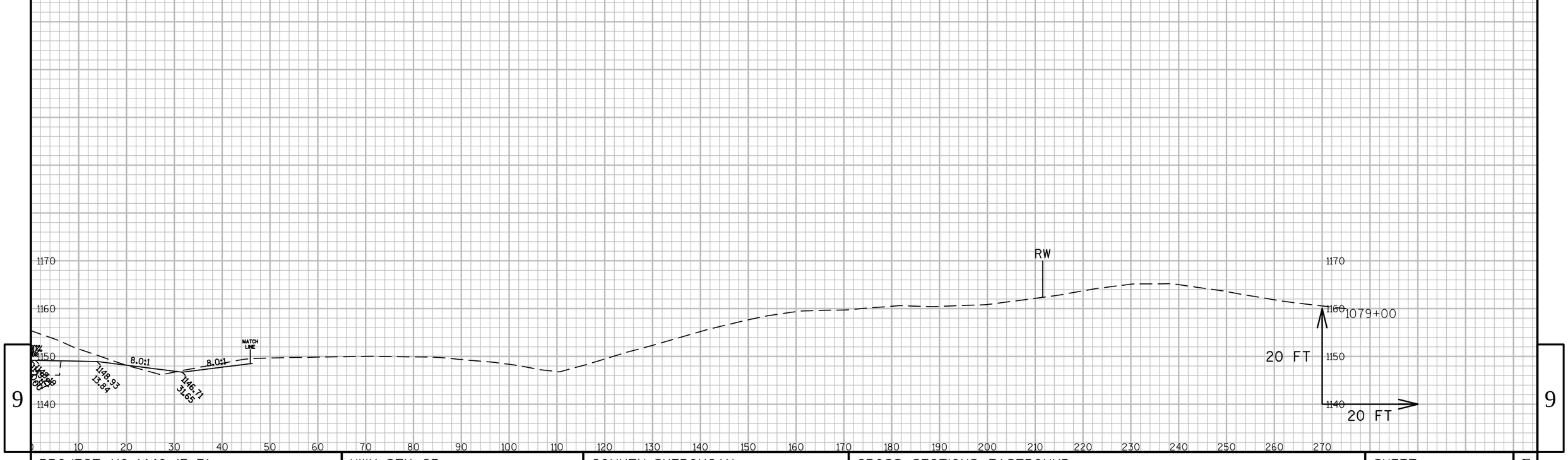
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_12.DWG PLOT DATE : 9/30/2014 9:17 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

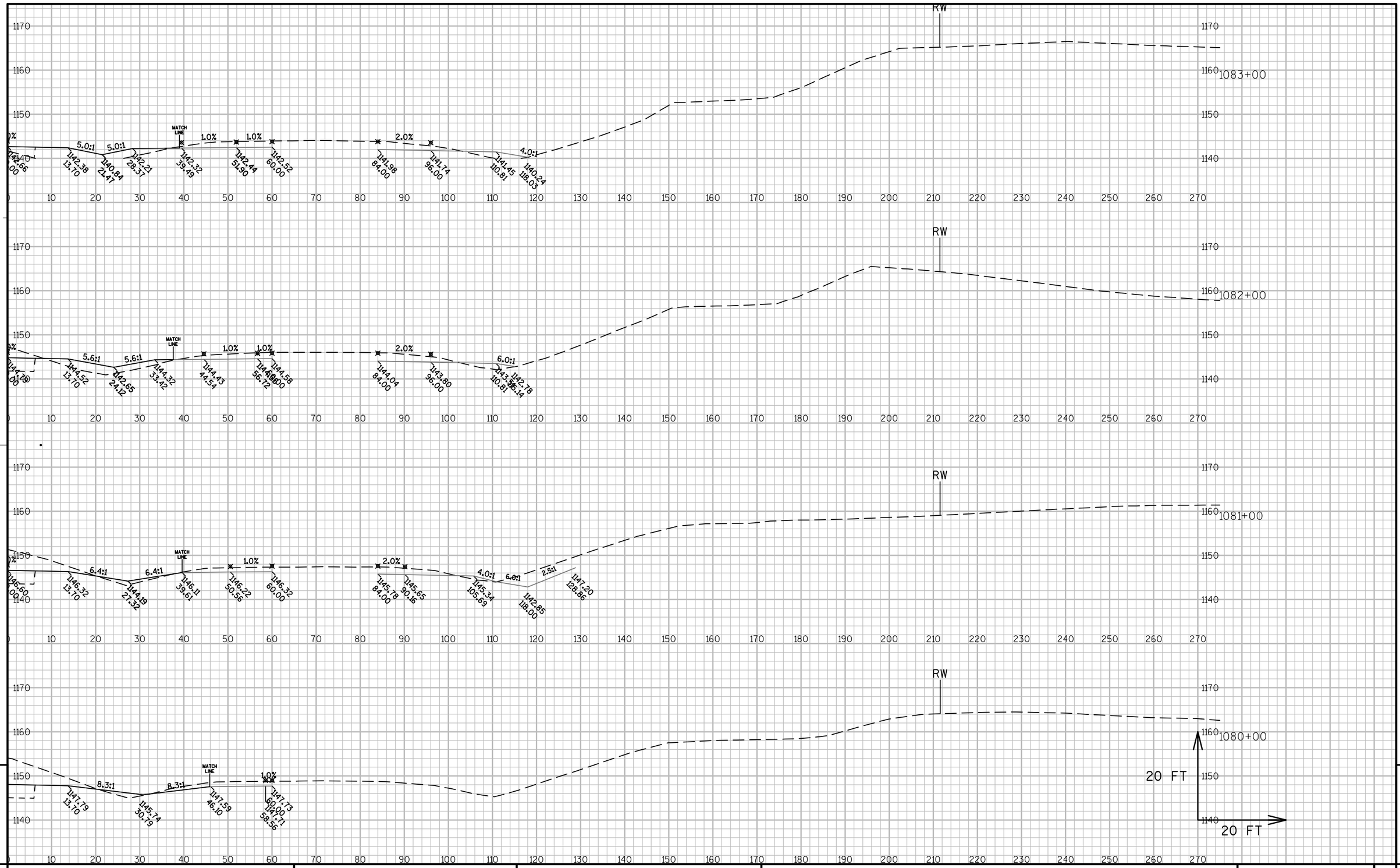


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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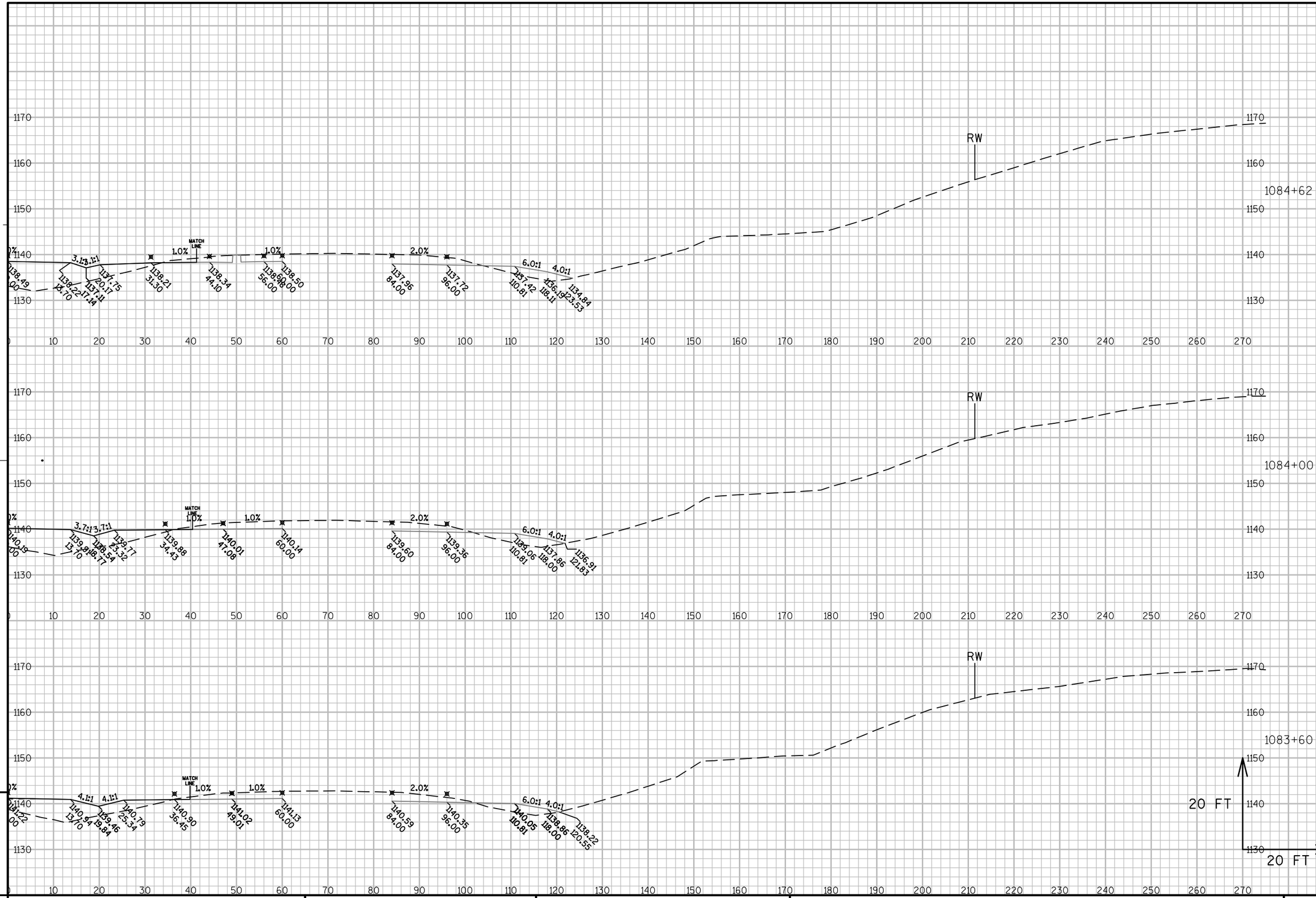
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

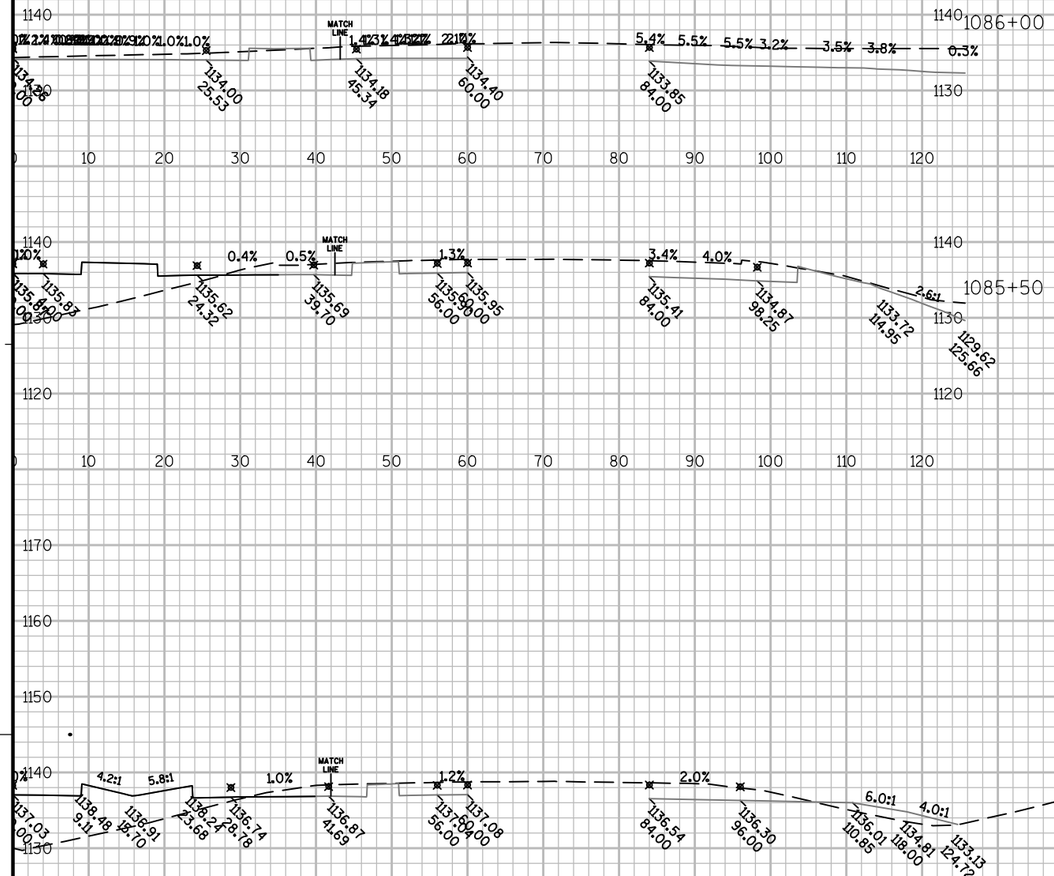
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WISDOT/CADDS SHEET 49



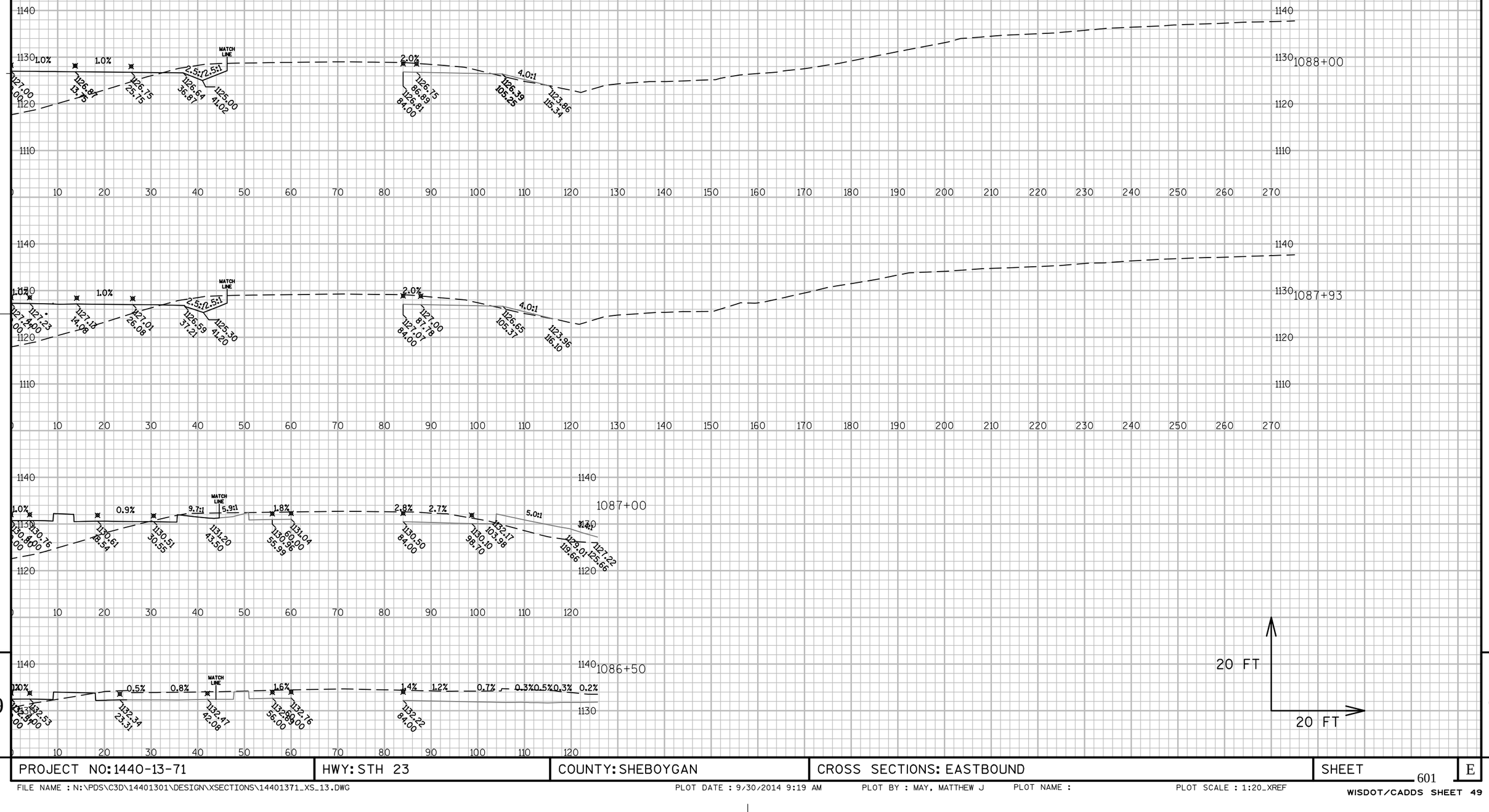
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_13.DWG PLOT DATE : 9/30/2014 9:19 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



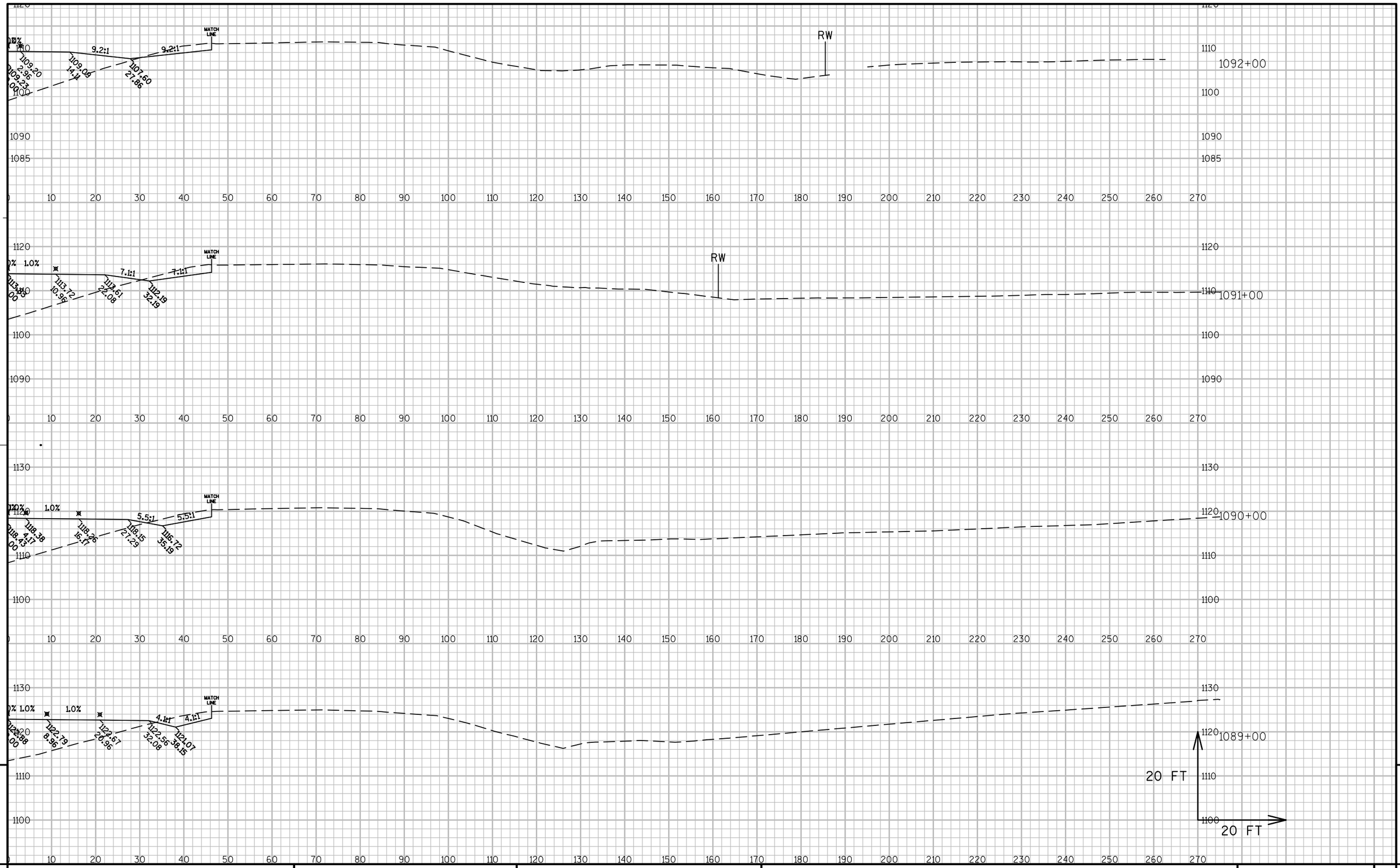
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_13.DWG PLOT DATE : 9/30/2014 9:19 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

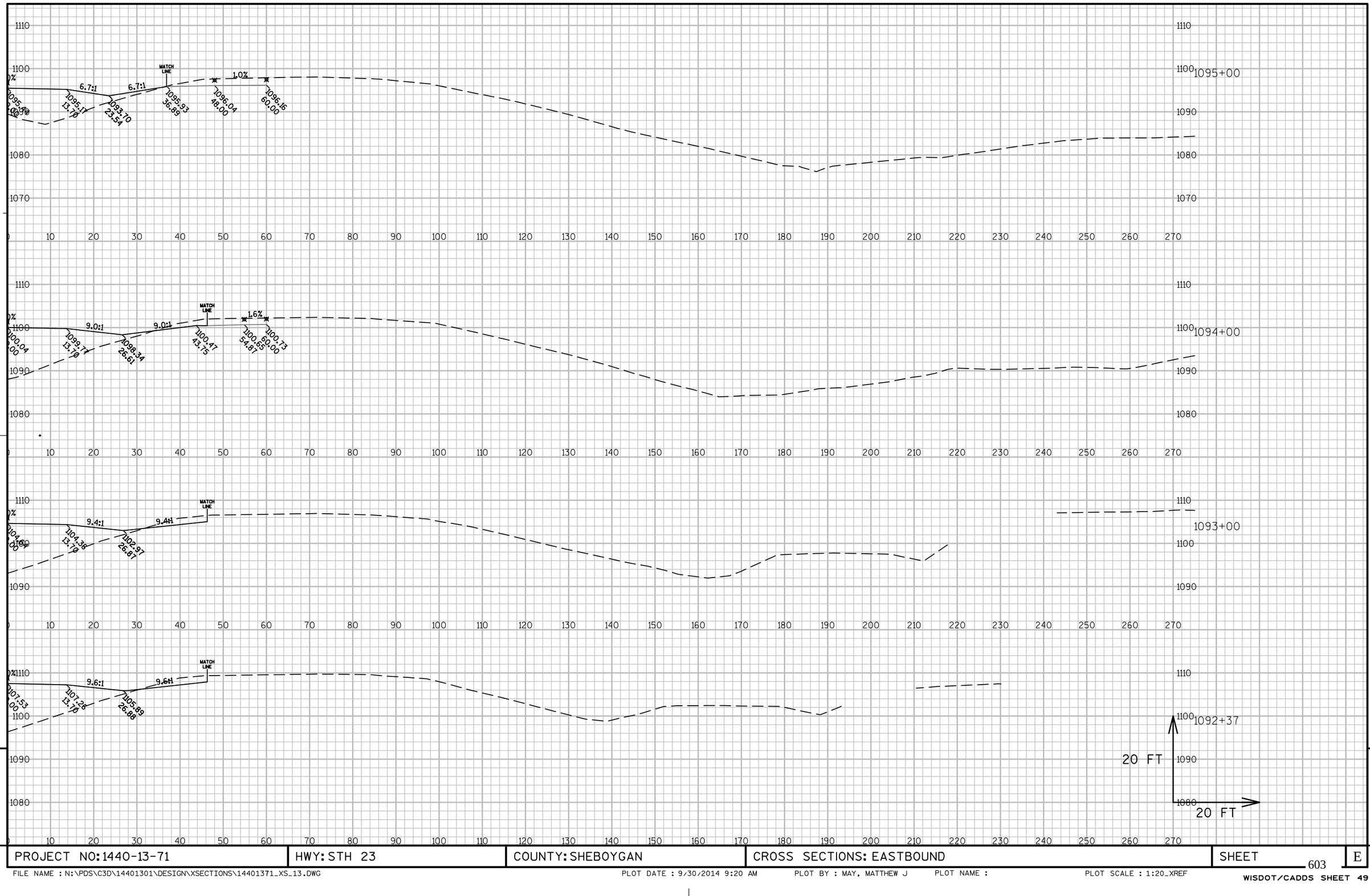


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET E

602

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_13.DWG PLOT DATE : 9/30/2014 9:20 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



9

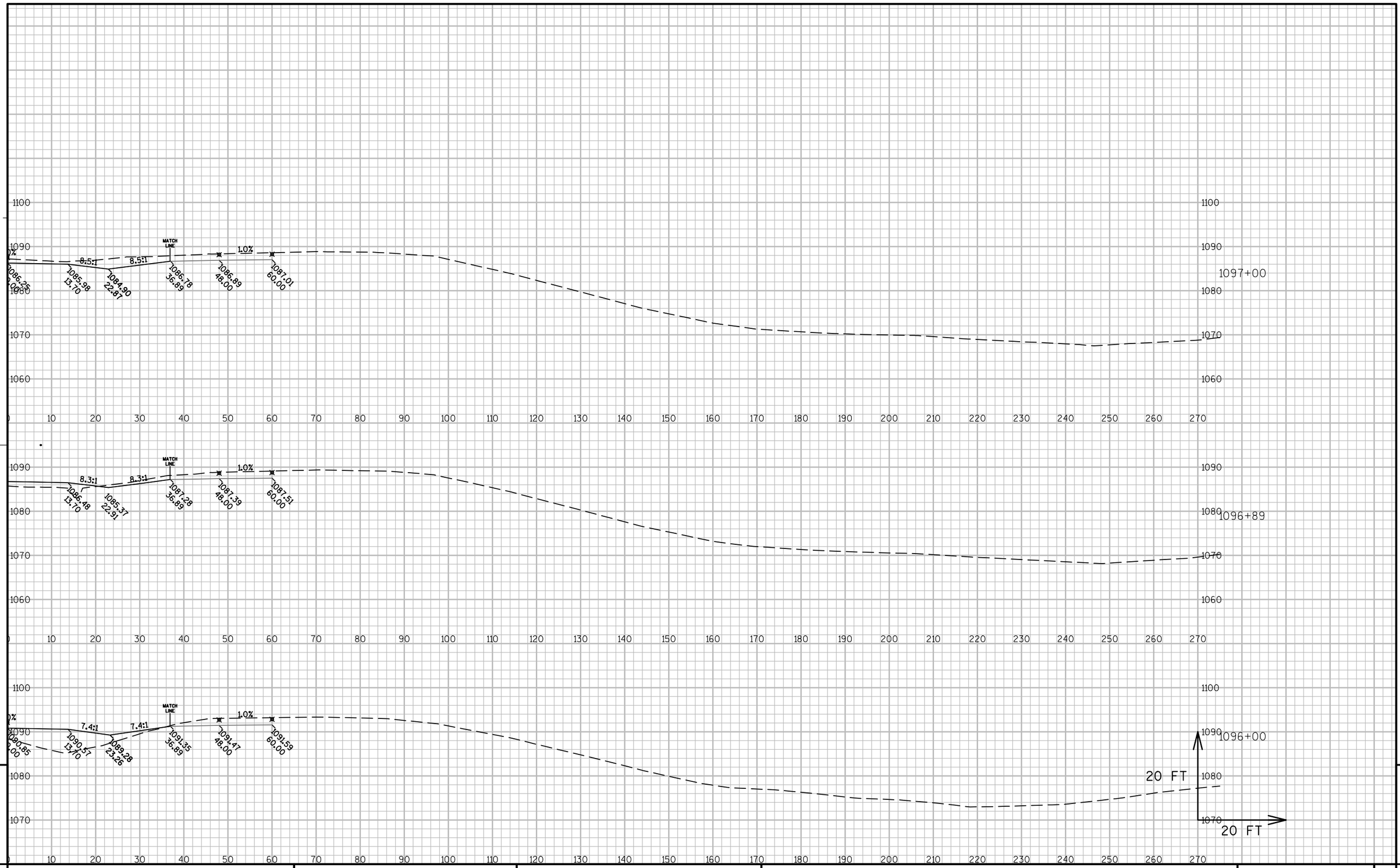
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

603

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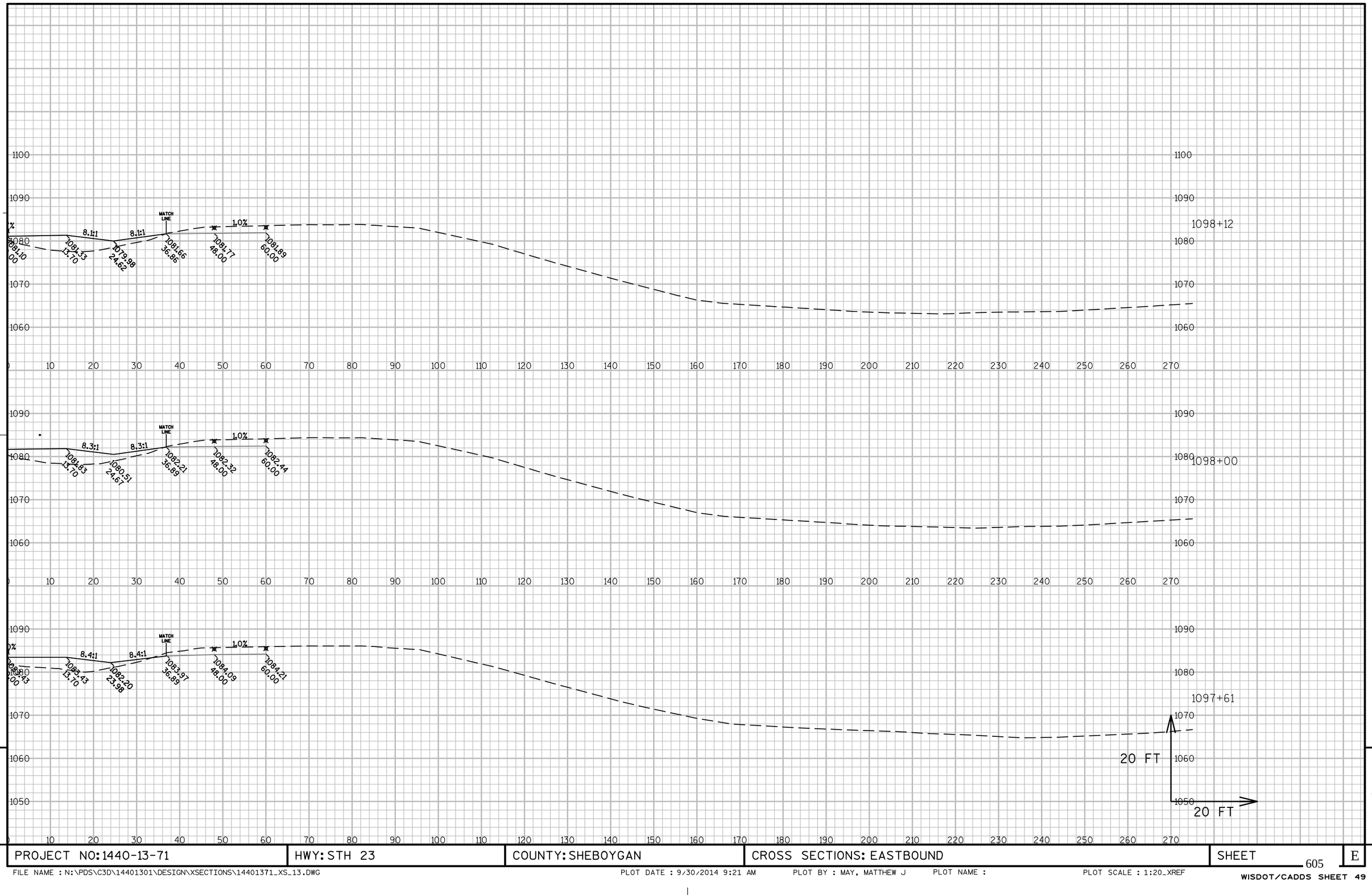
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_13.DWG PLOT DATE : 9/30/2014 9:20 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

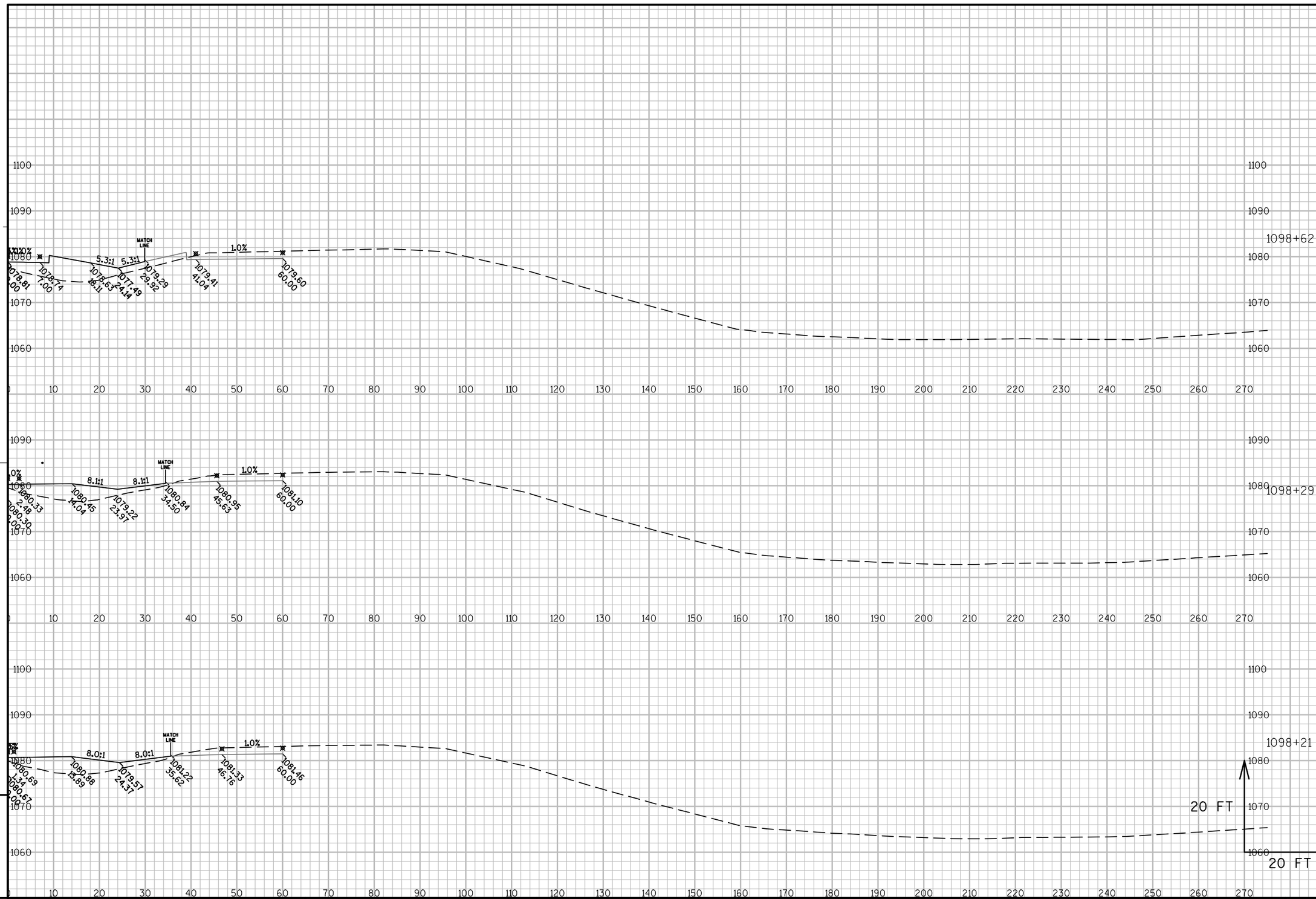


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

605

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WISDOT/CADDS SHEET 49

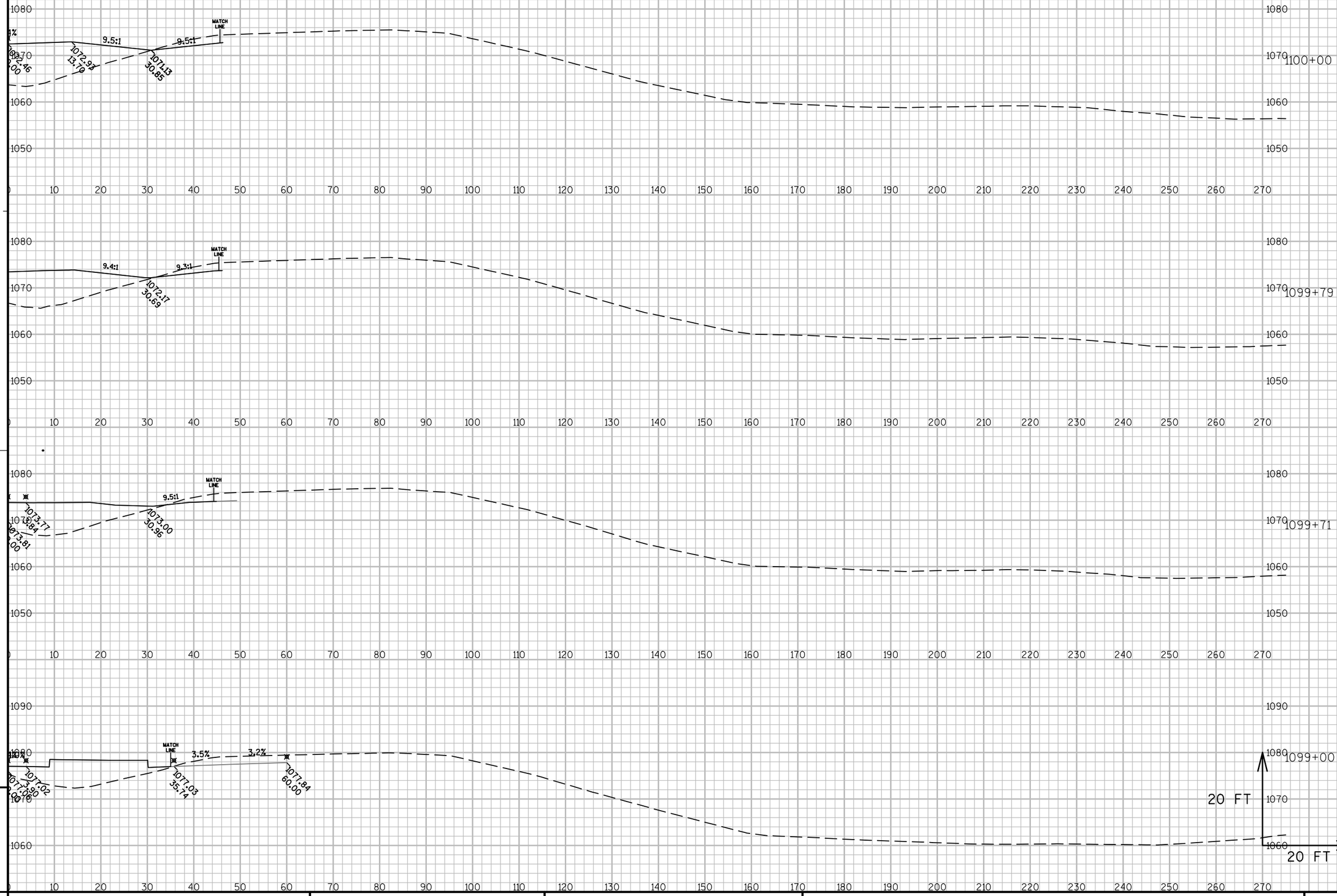


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

606

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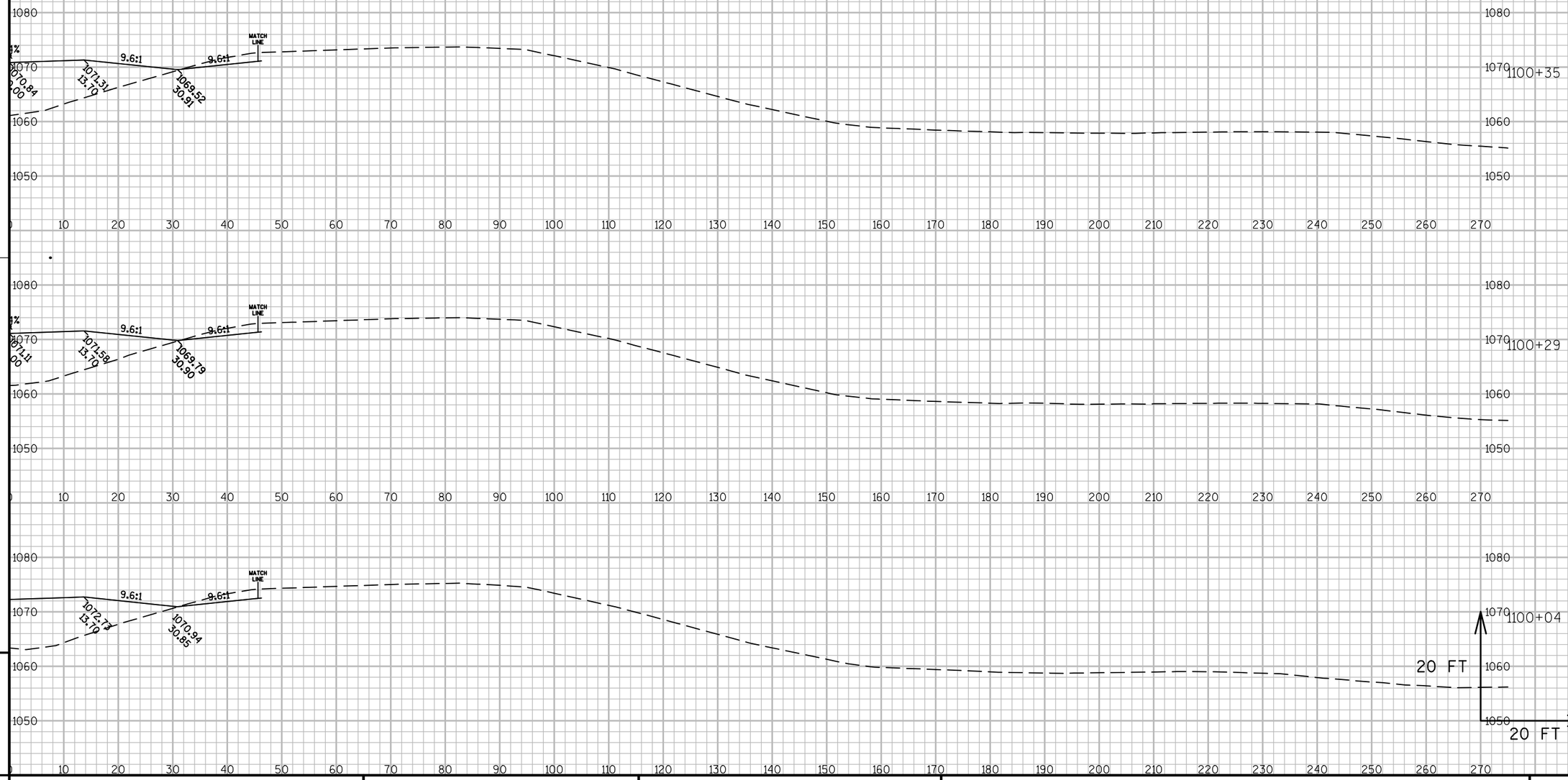
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_13.DWG PLOT DATE : 9/30/2014 9:21 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

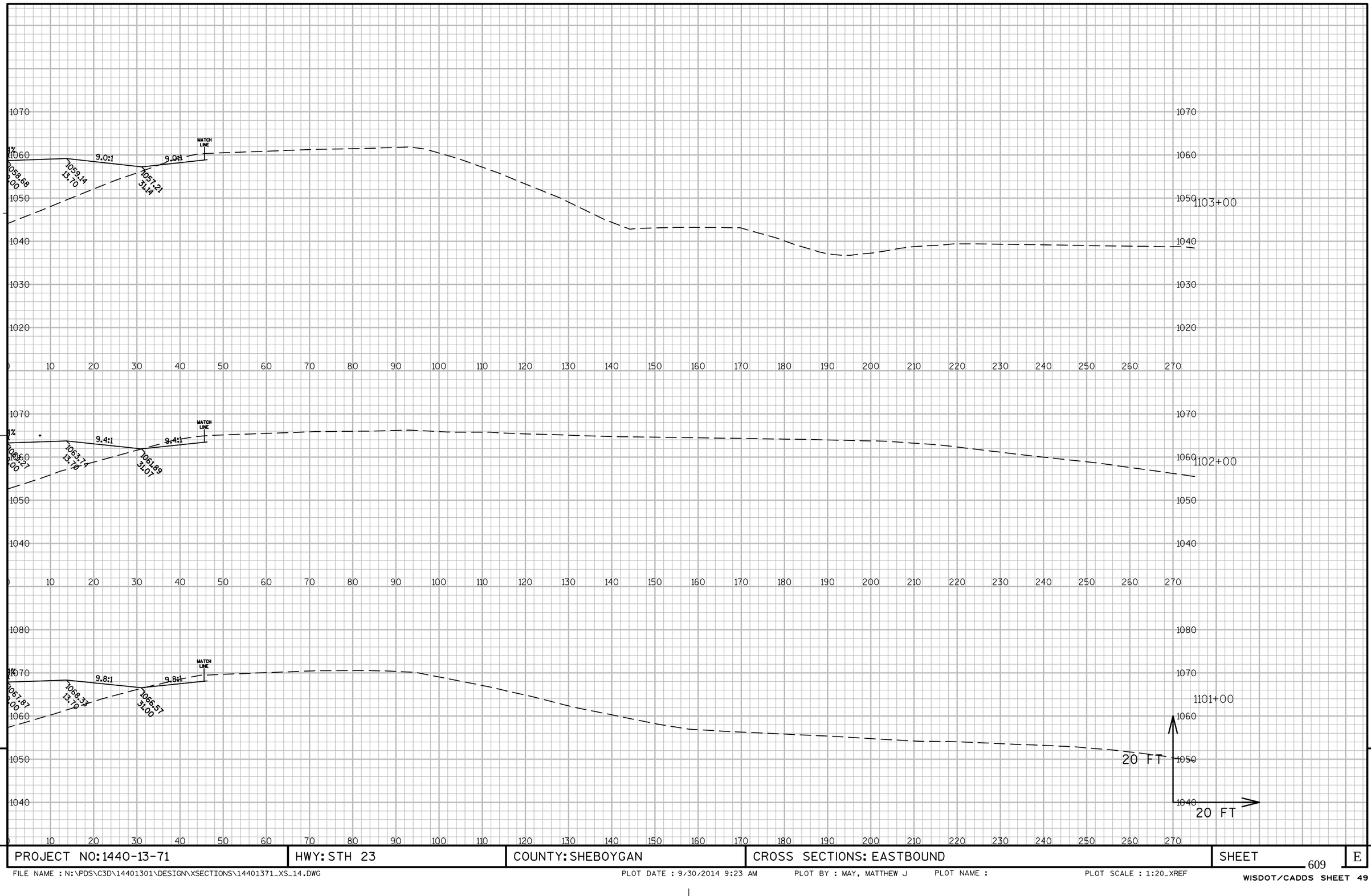
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

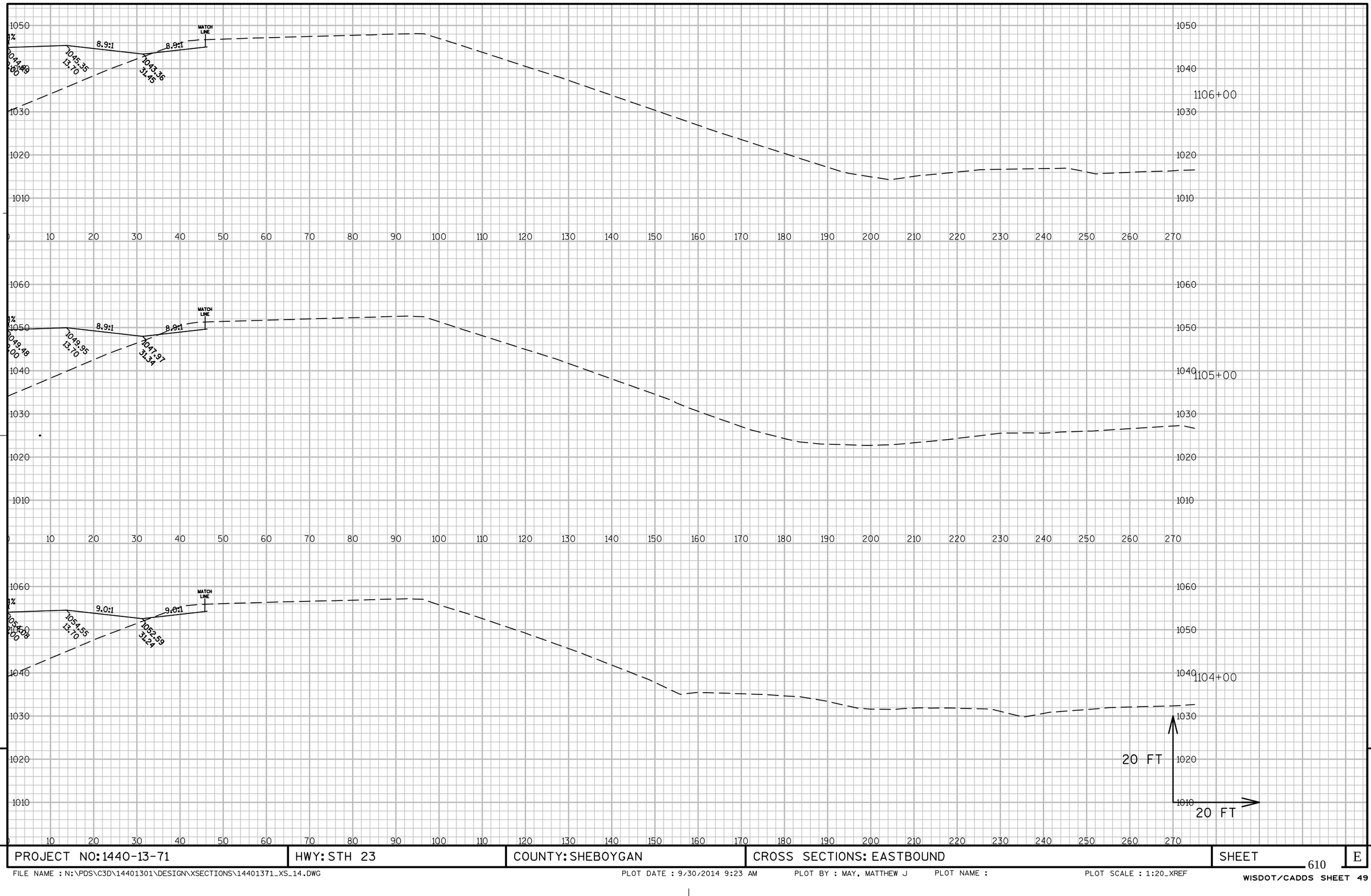
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

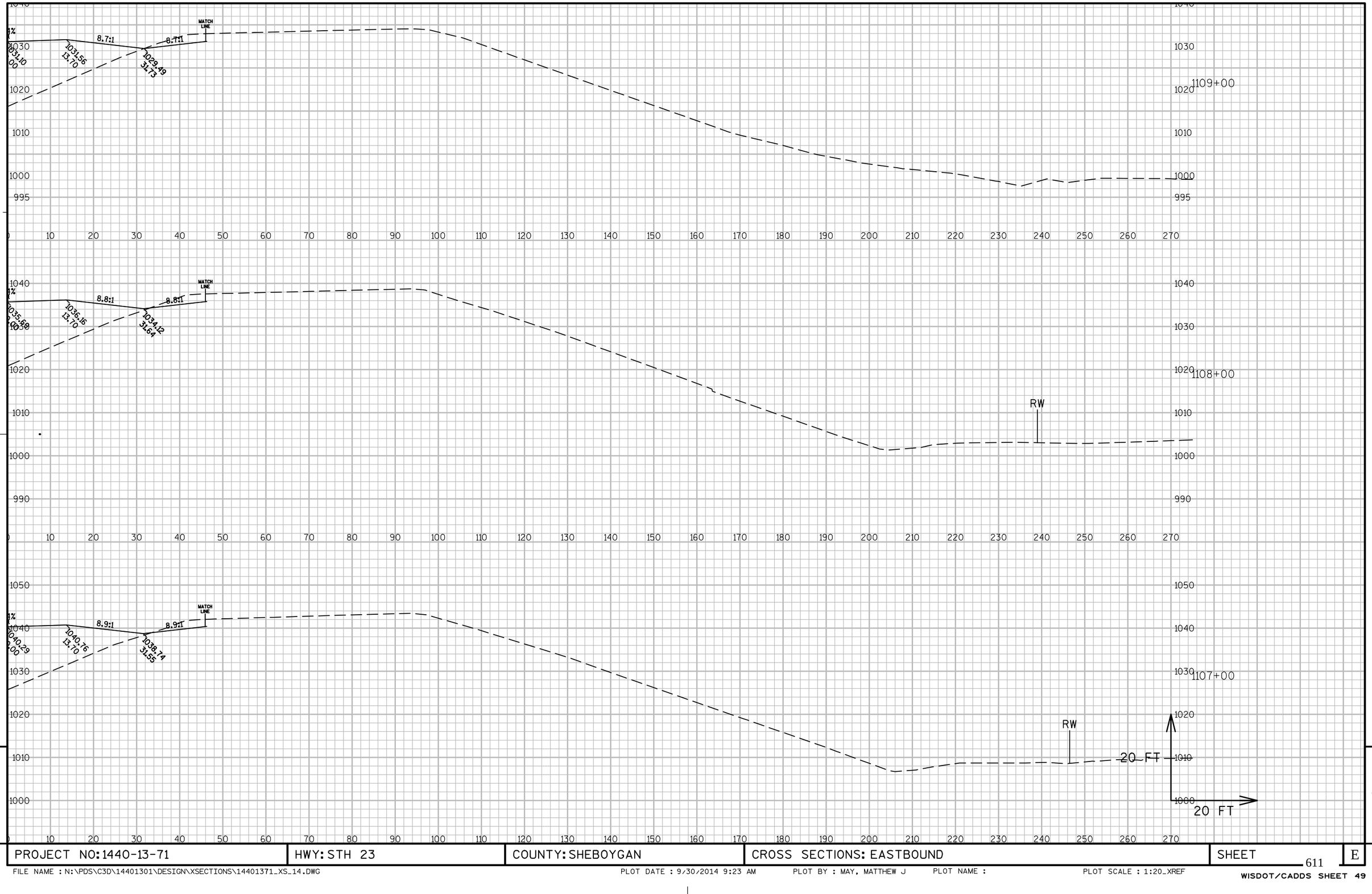
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 610	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_14.DWG PLOT DATE : 9/30/2014 9:23 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

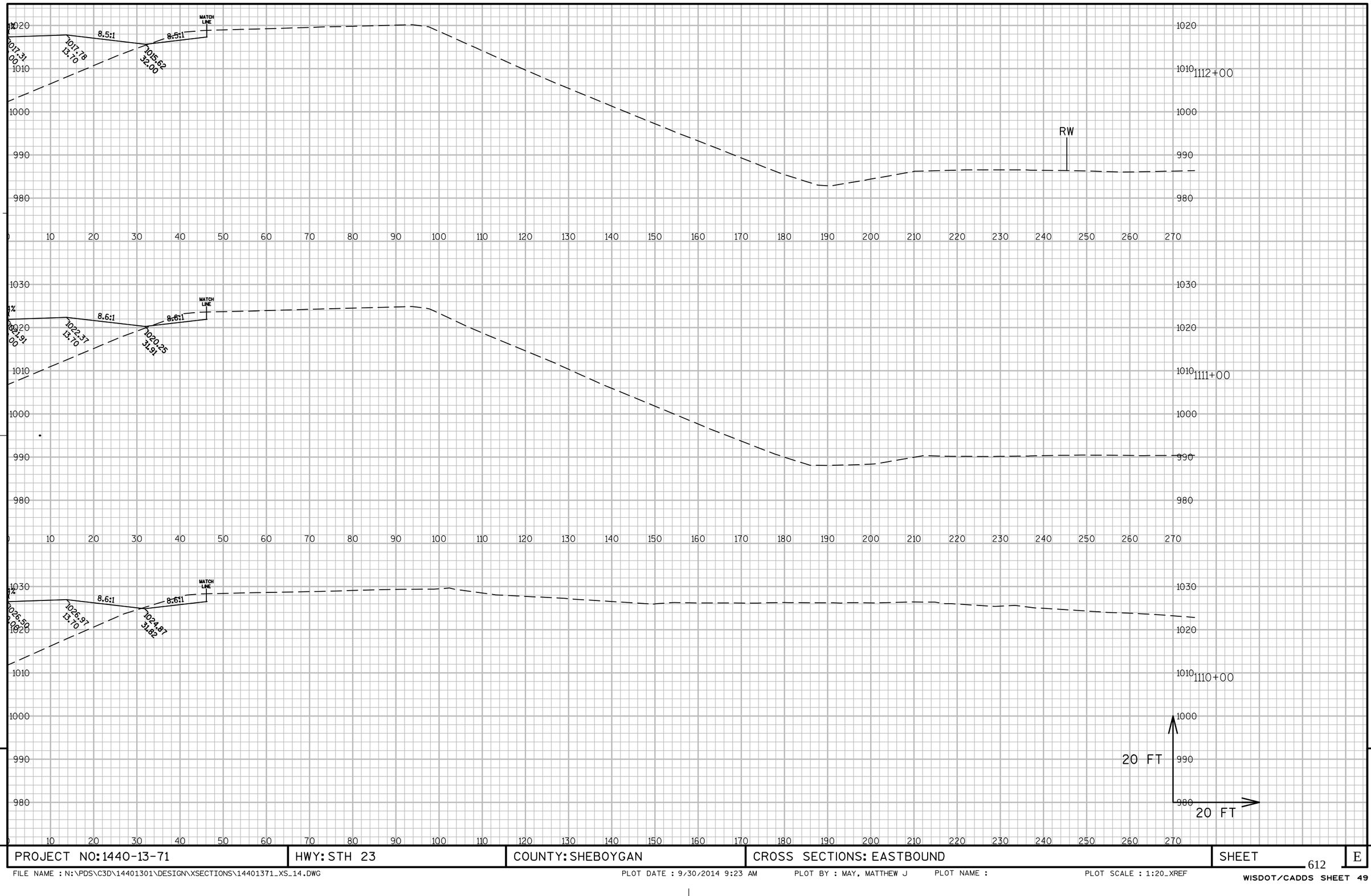
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 611	E

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WISDOT/CADDS SHEET 49

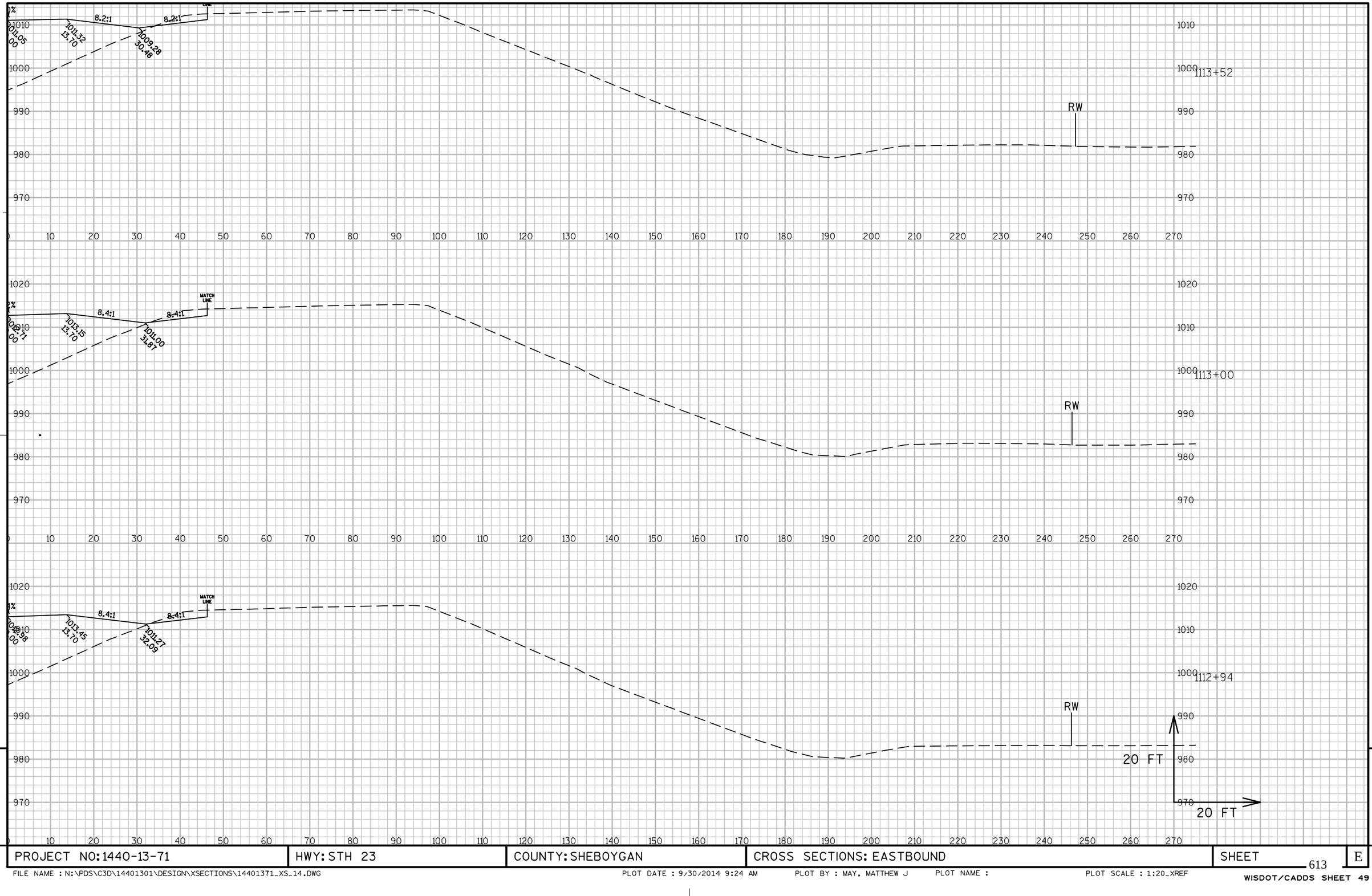


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

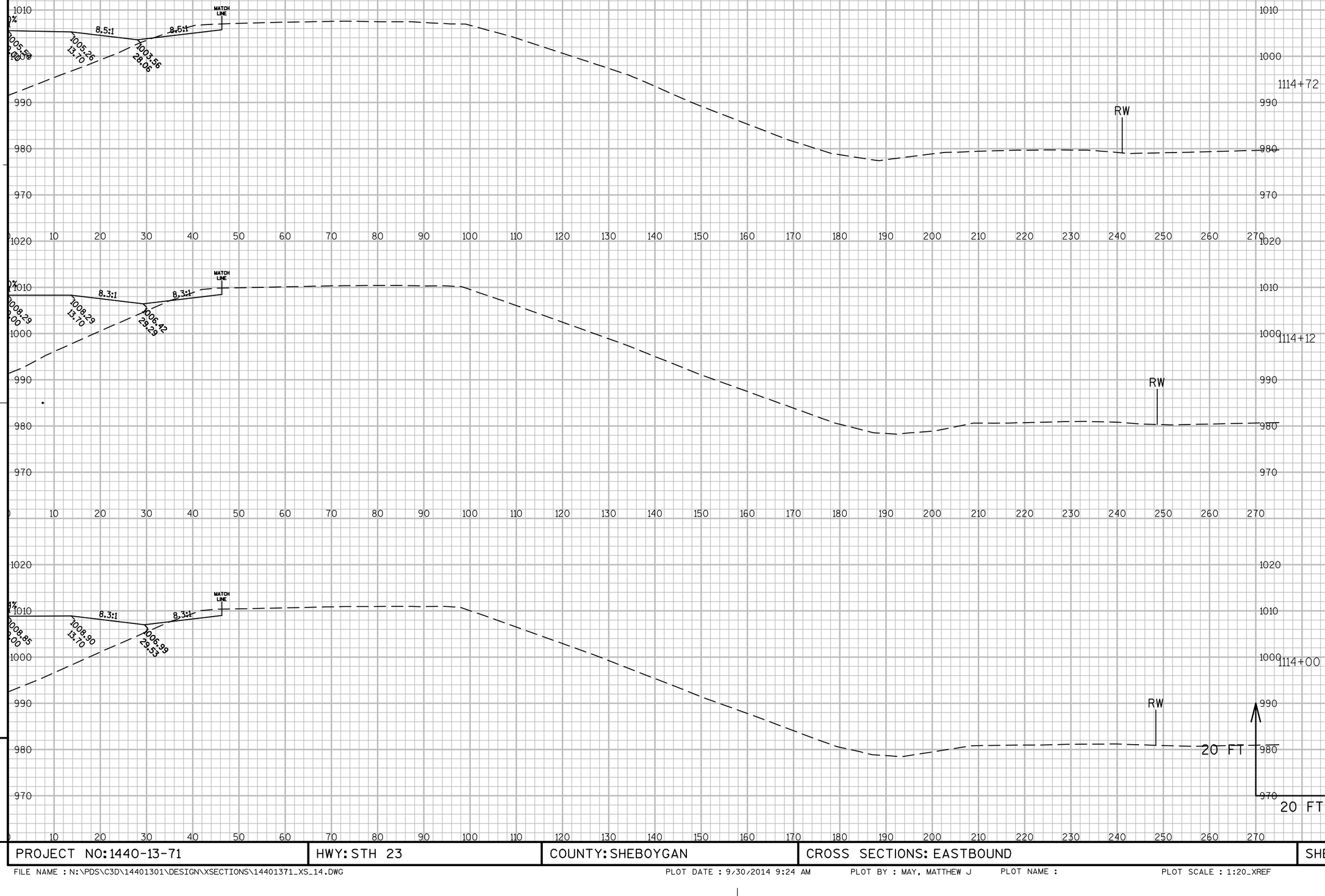
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_14.DWG PLOT DATE : 9/30/2014 9:24 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



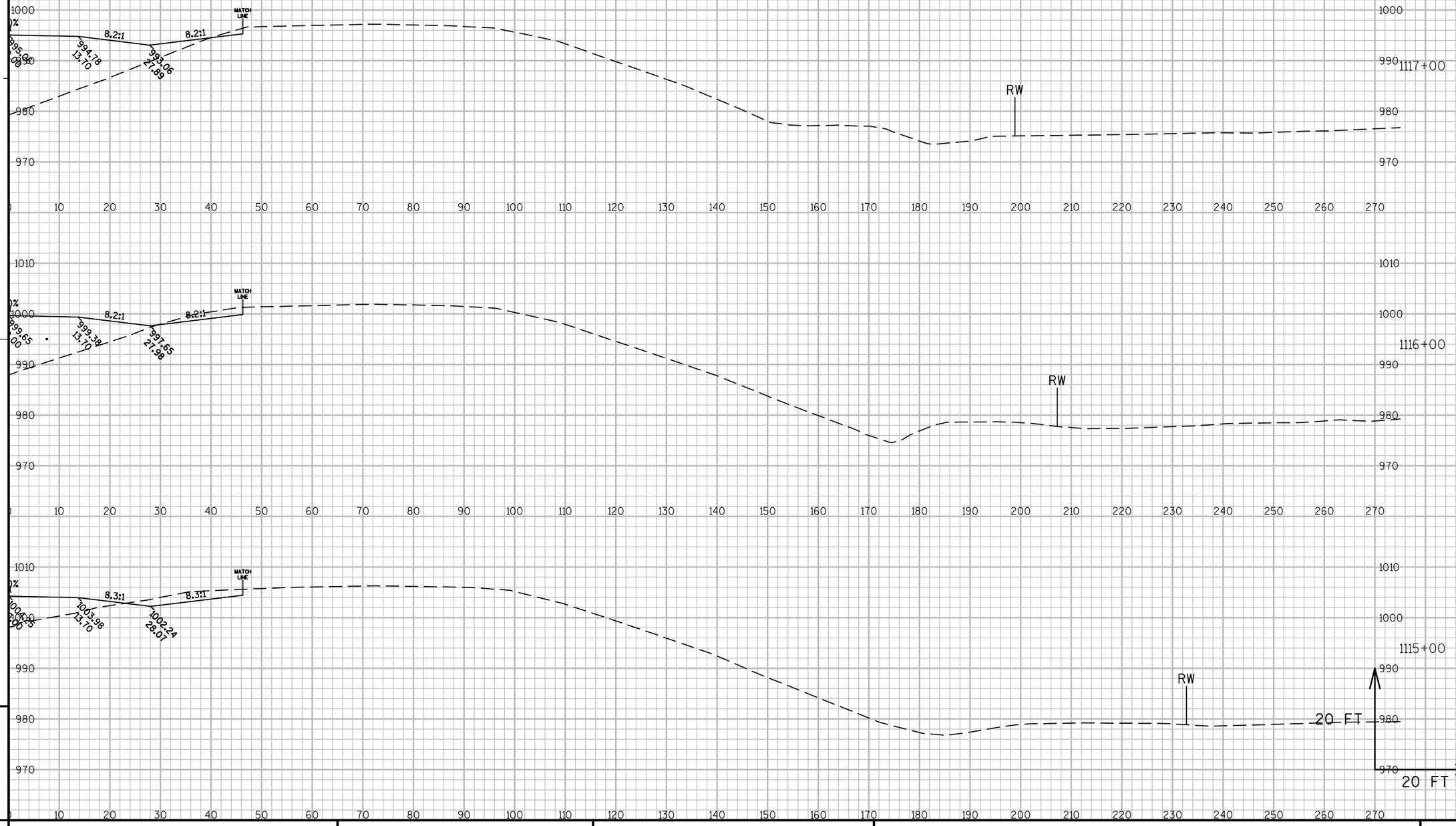
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_14.DWG PLOT DATE : 9/30/2014 9:24 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

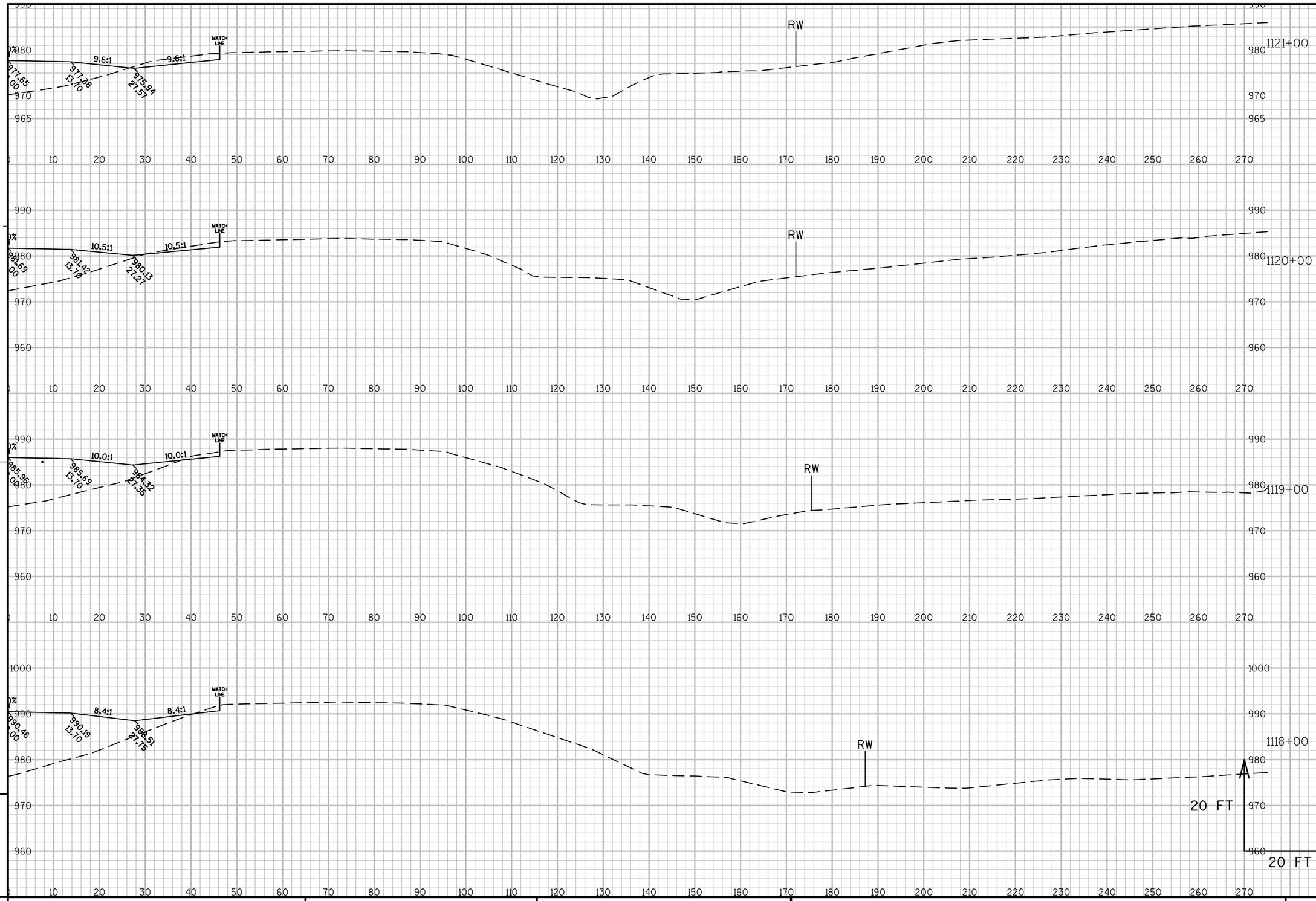


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

9

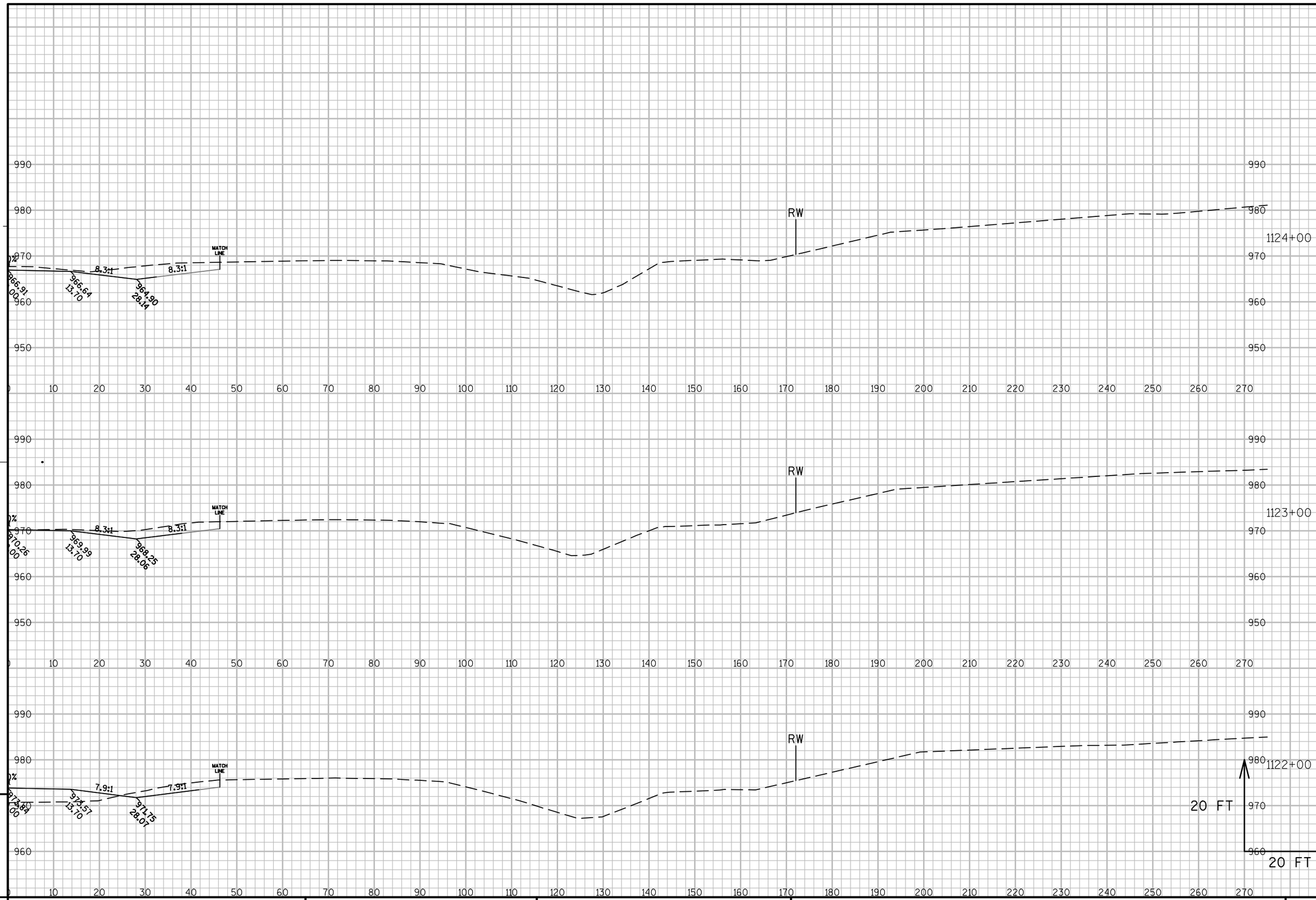
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_14.DWG PLOT DATE : 9/30/2014 9:24 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



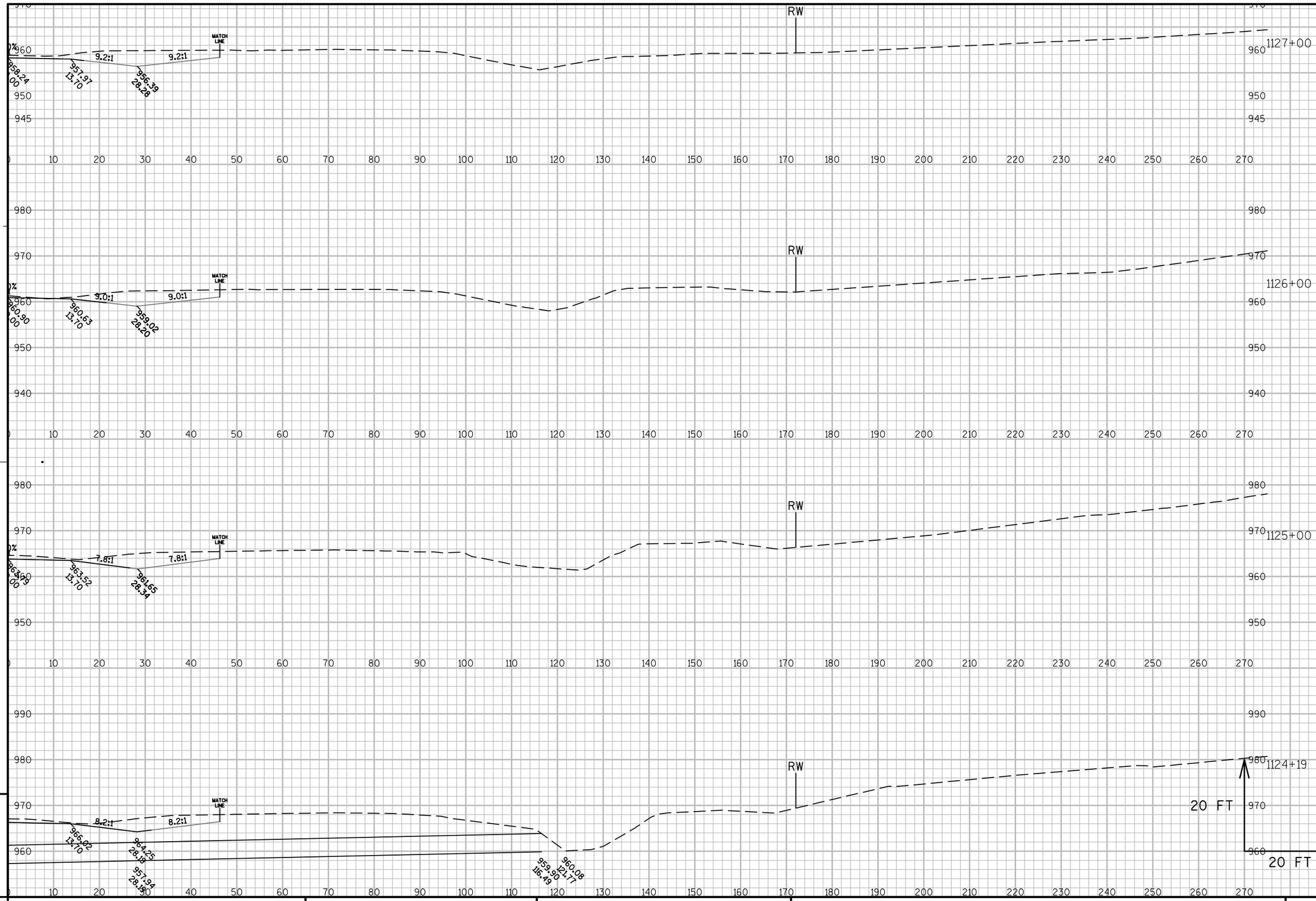
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

617

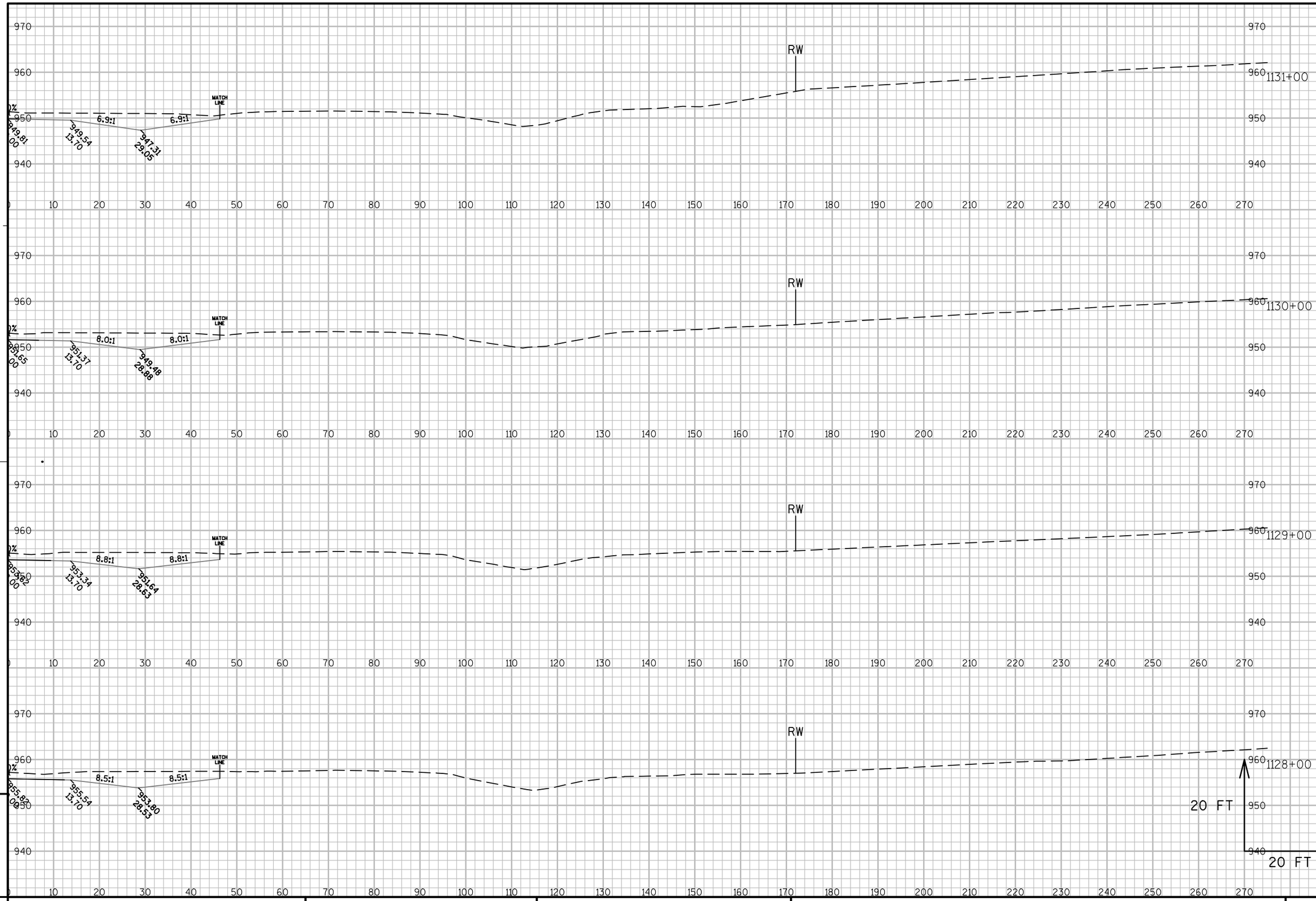
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_14.DWG PLOT DATE : 9/30/2014 9:25 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



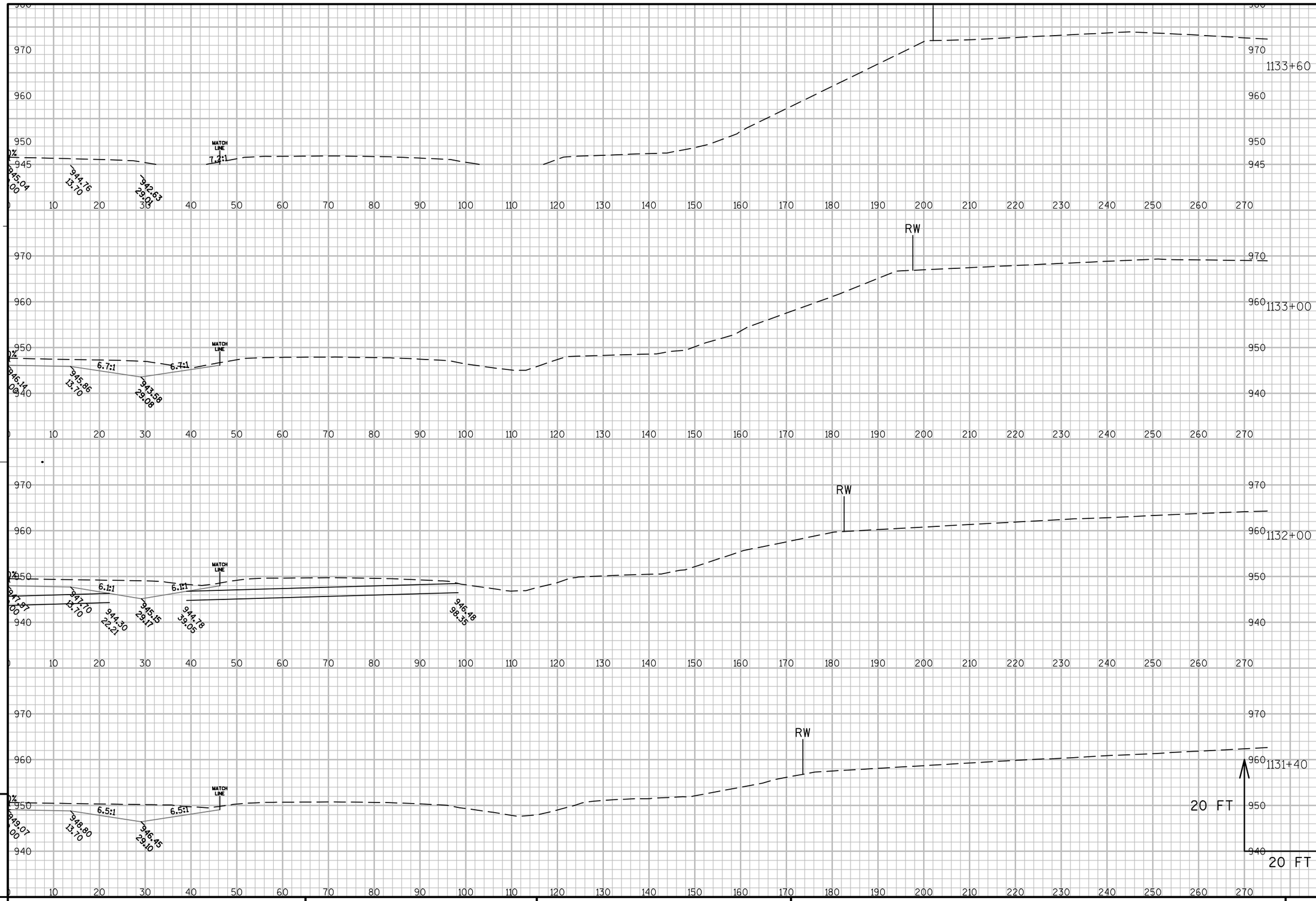
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 619	E

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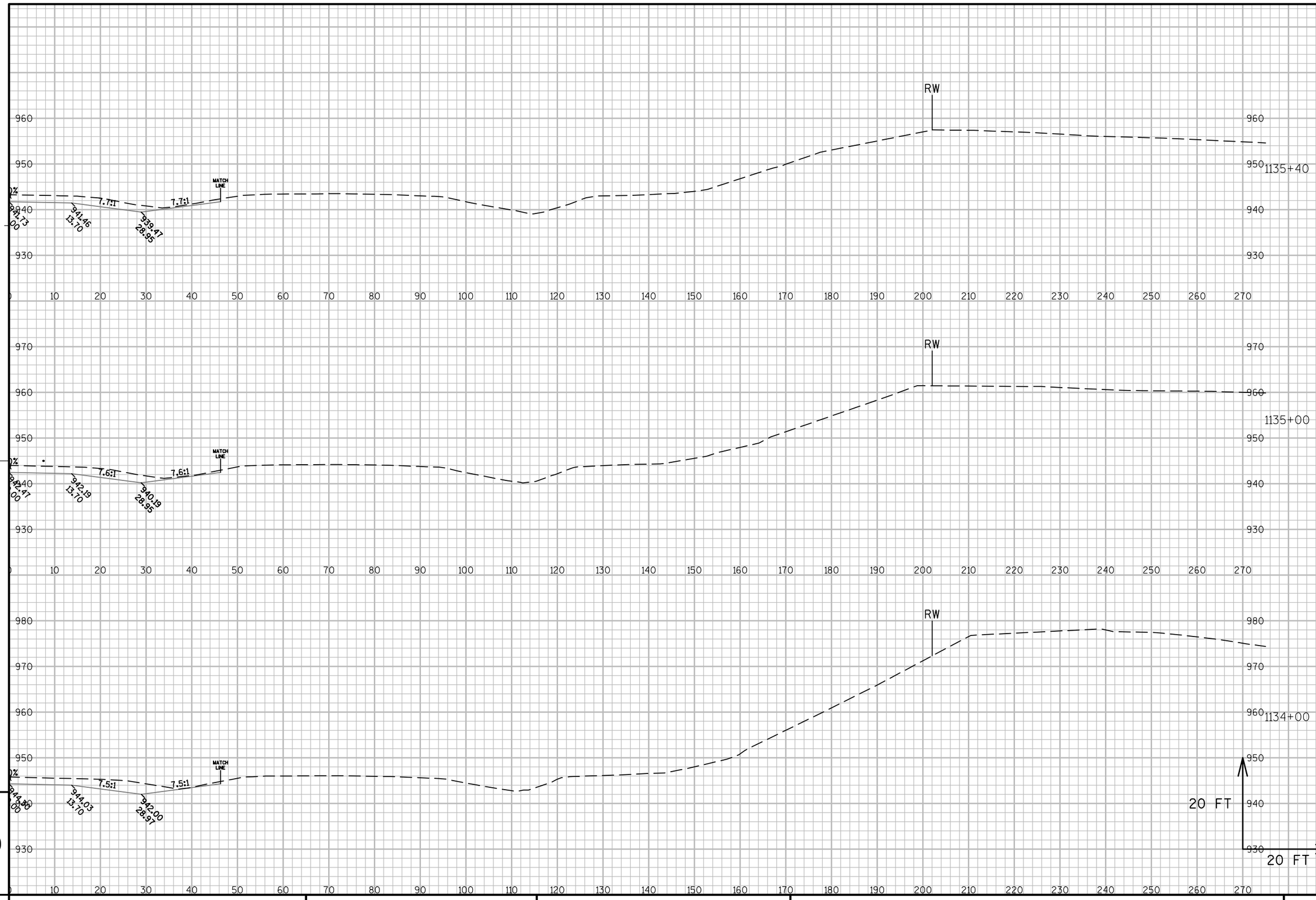
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 620 E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_14.DWG PLOT DATE : 9/30/2014 9:25 AM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

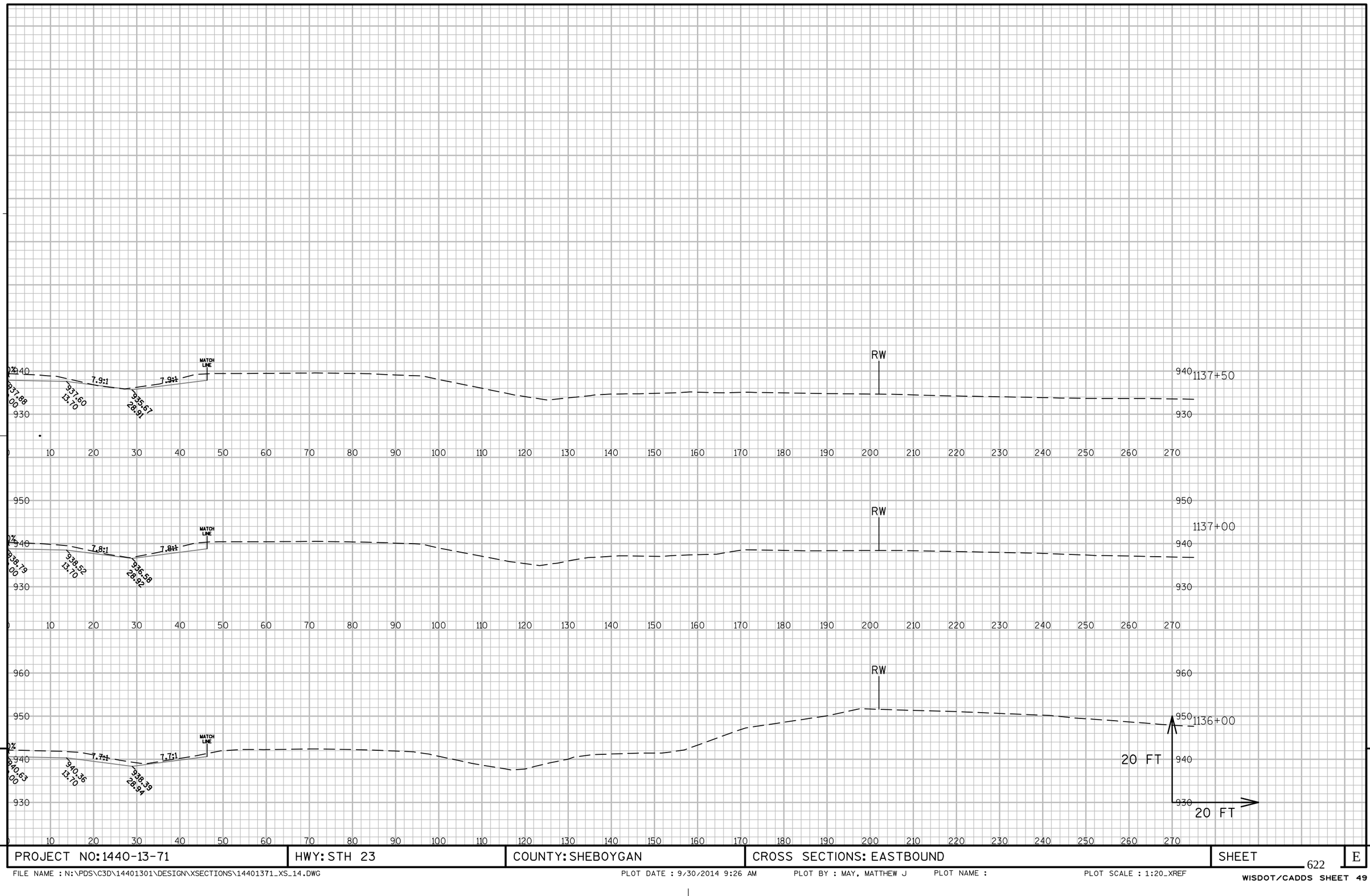
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET 621	E

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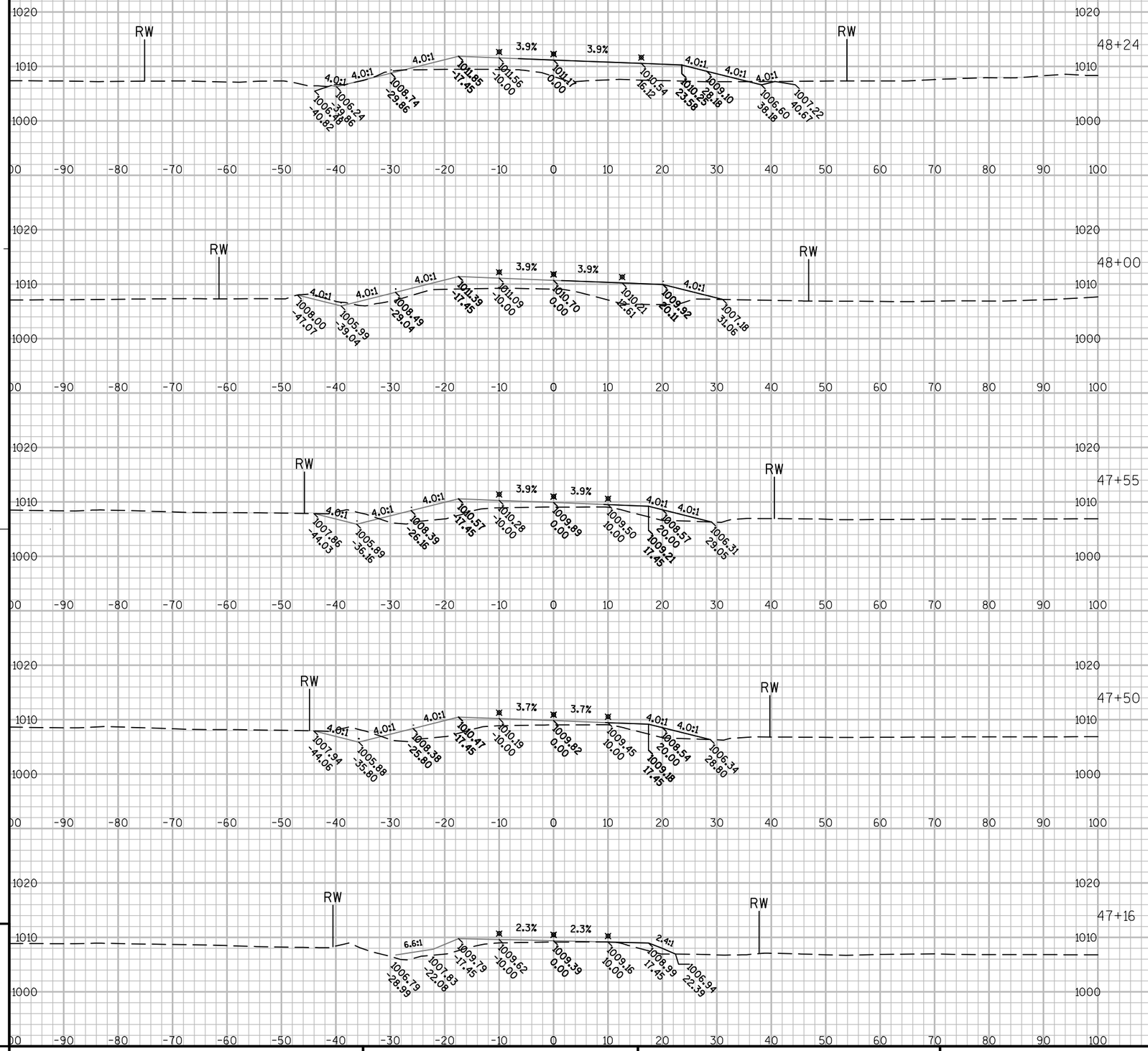


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: EASTBOUND	SHEET	E

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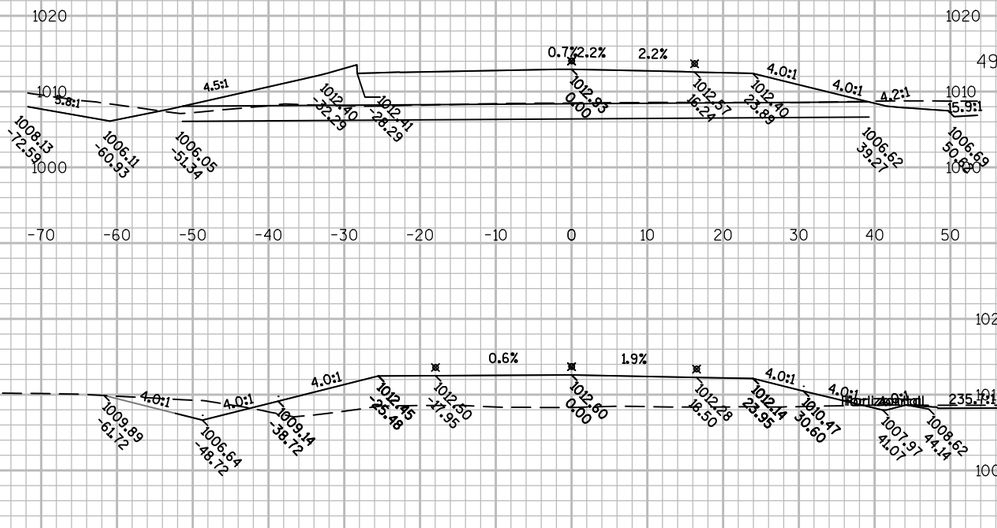
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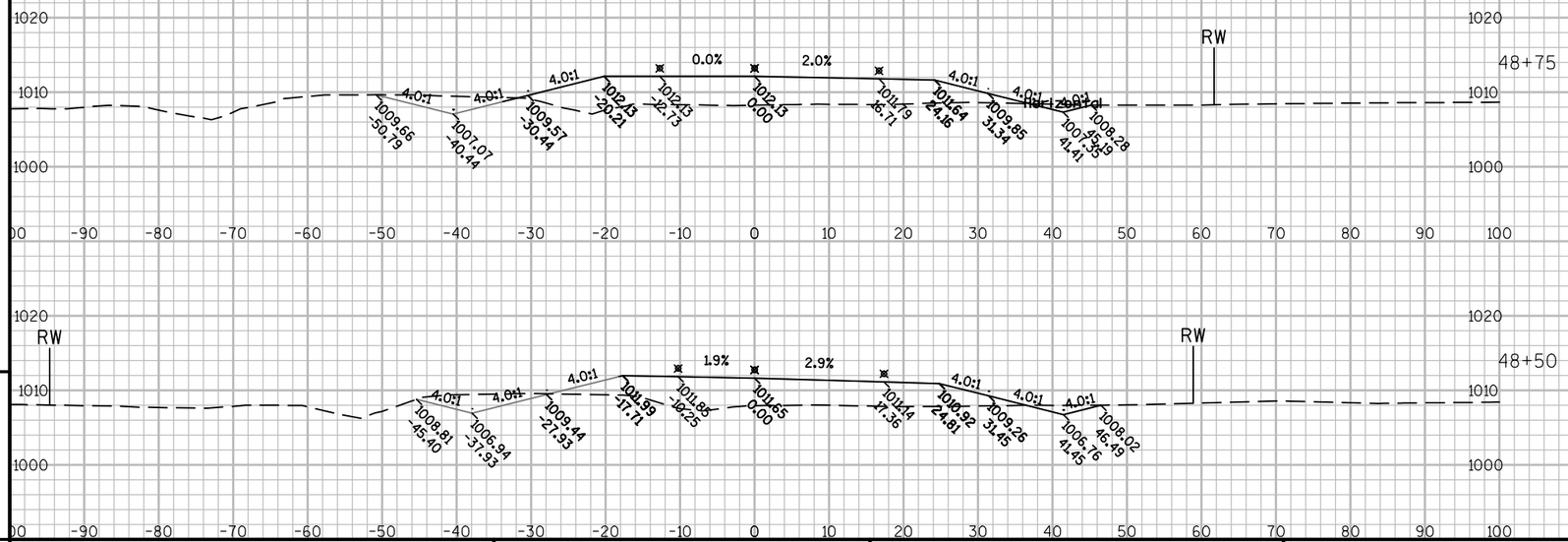
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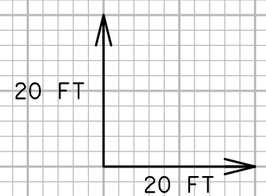
WISDOT/CADDS SHEET 49

CROSS SECTION CUT AT 15 DEGREE SKEW









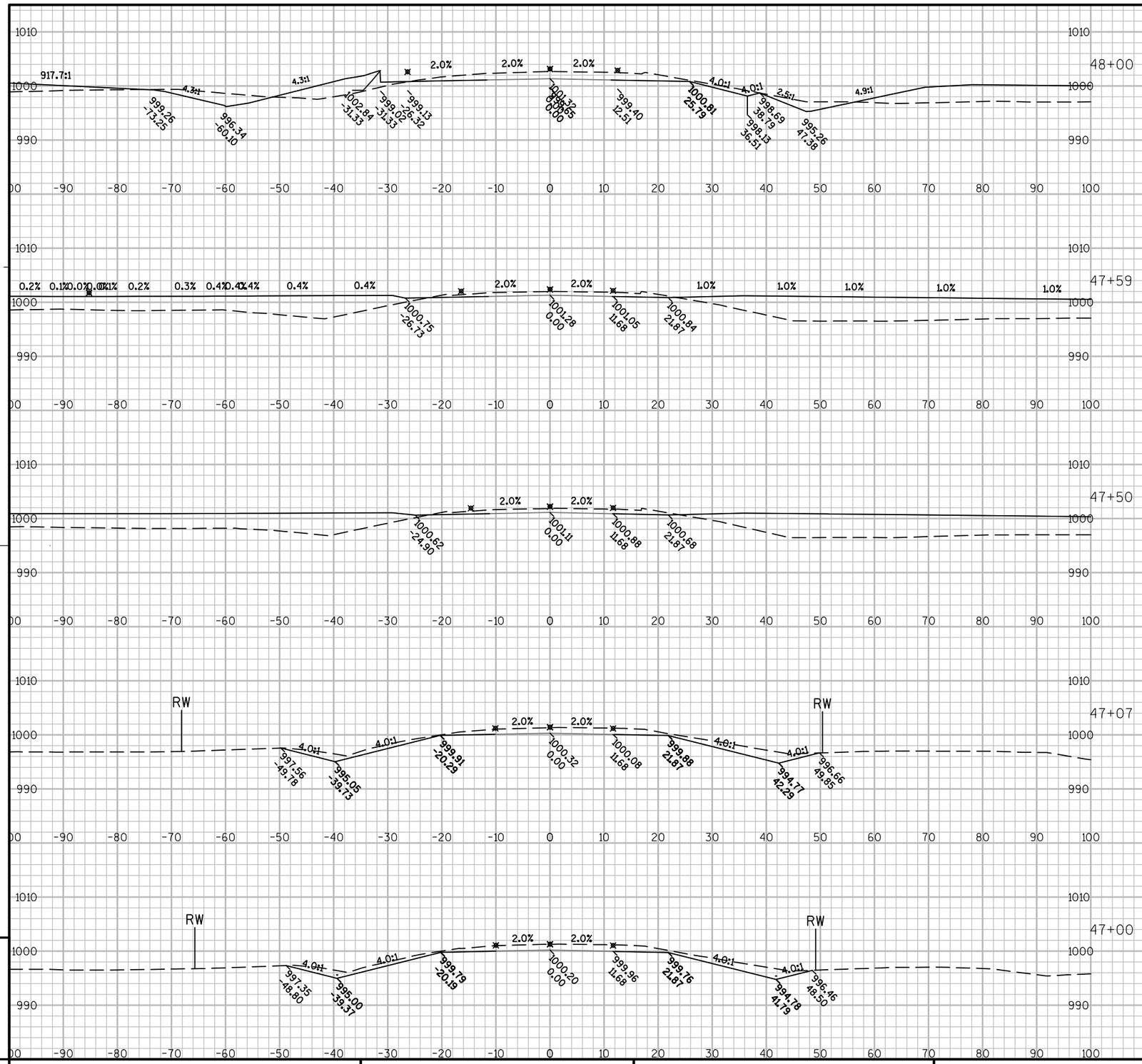
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CHICKADEE RD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_CHICKADEERD.DWG PLOT DATE : 10/1/2014 3:49 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

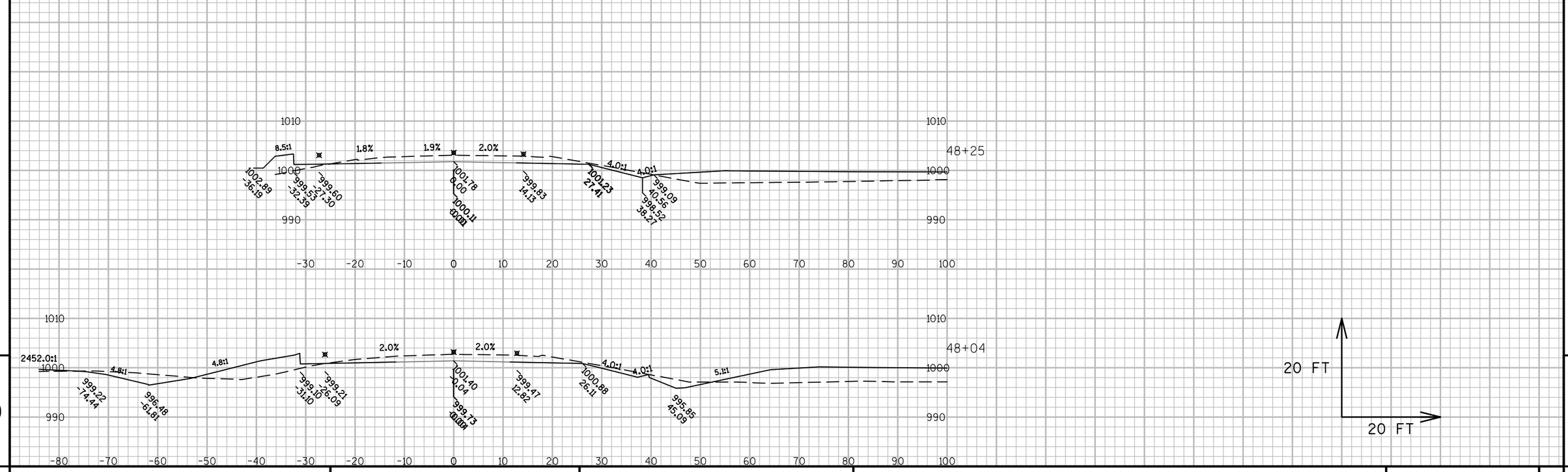


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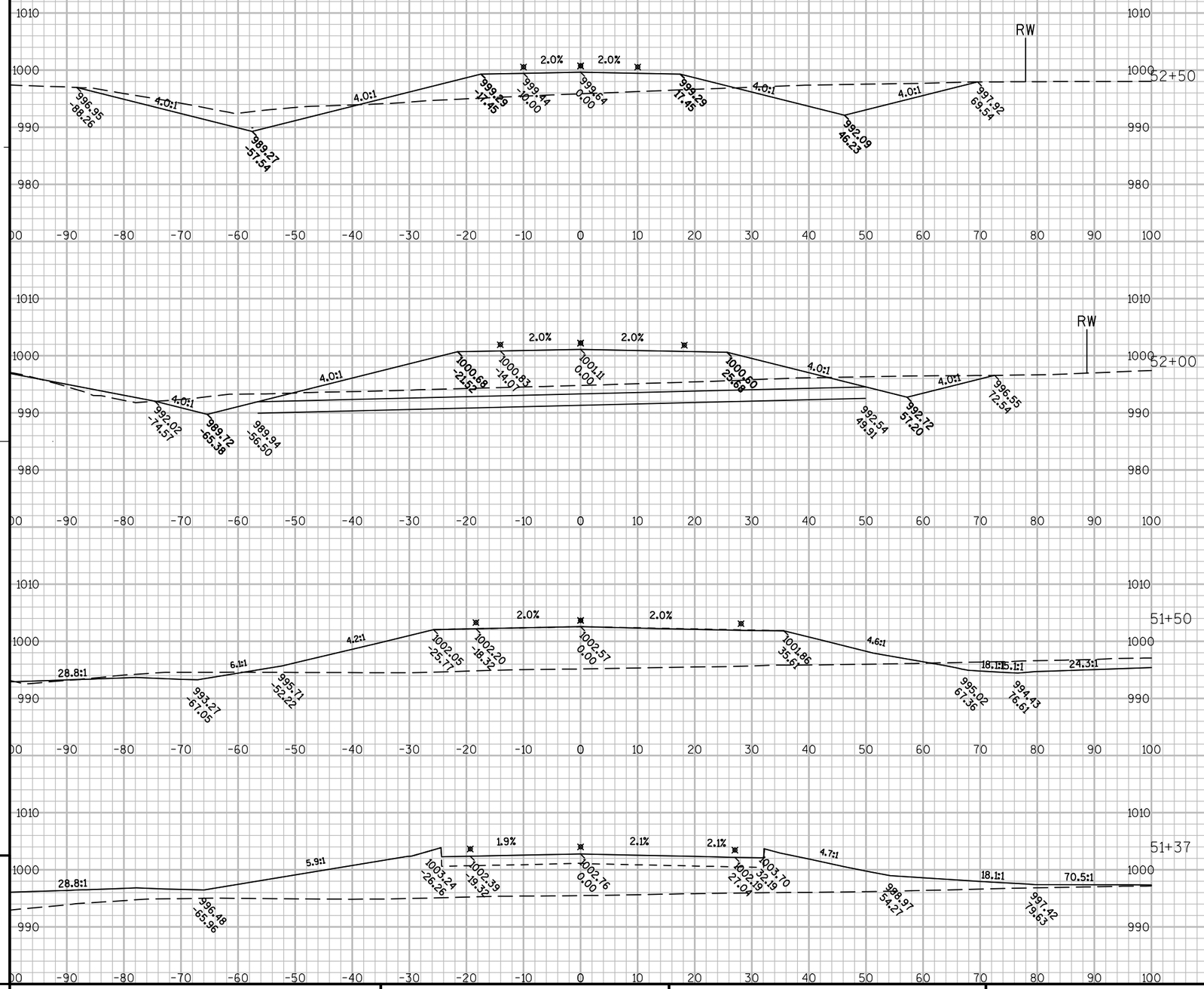
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH U	SHEET	E

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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH U	SHEET	E

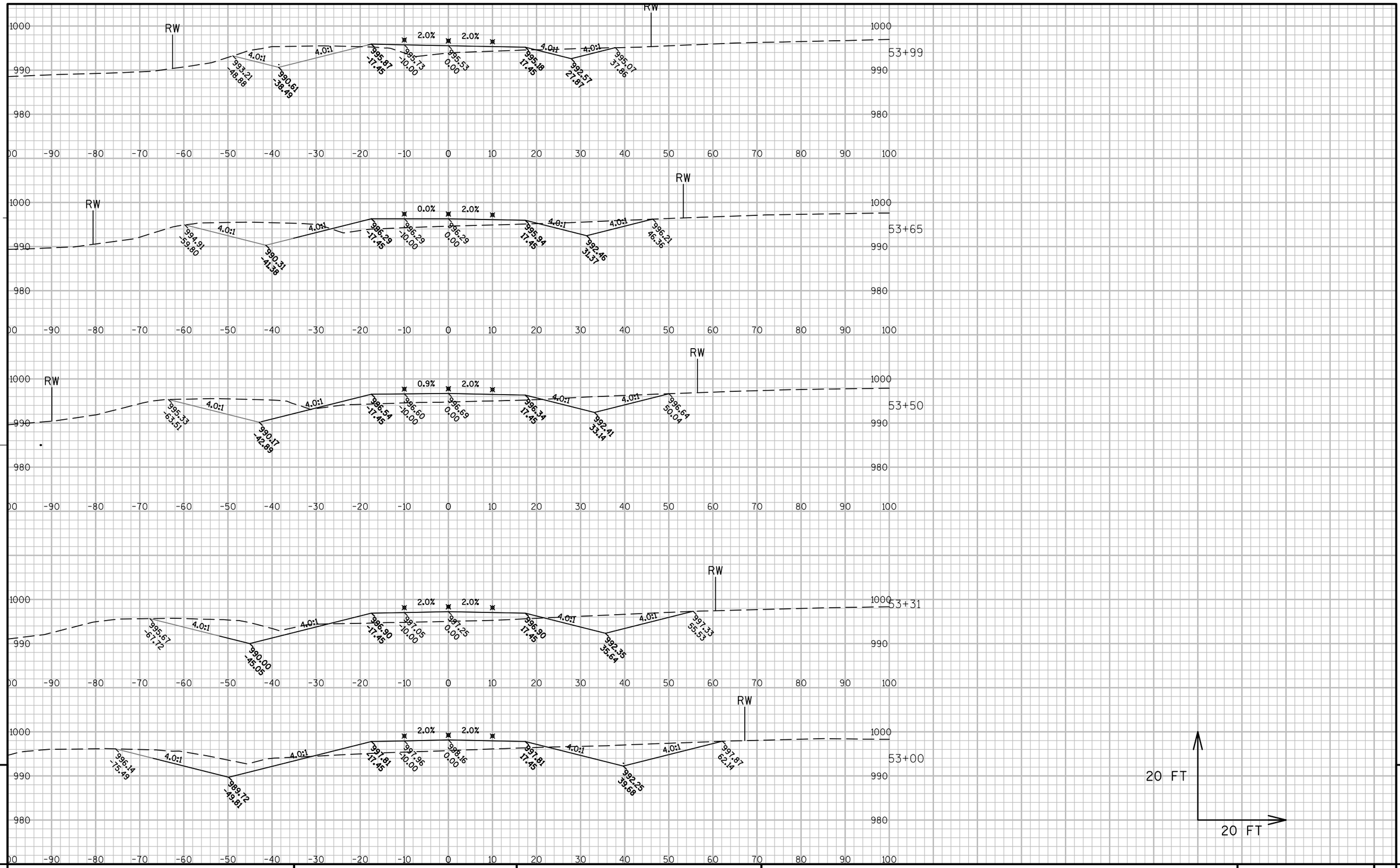
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SUNRISE RD	SHEET 627	E

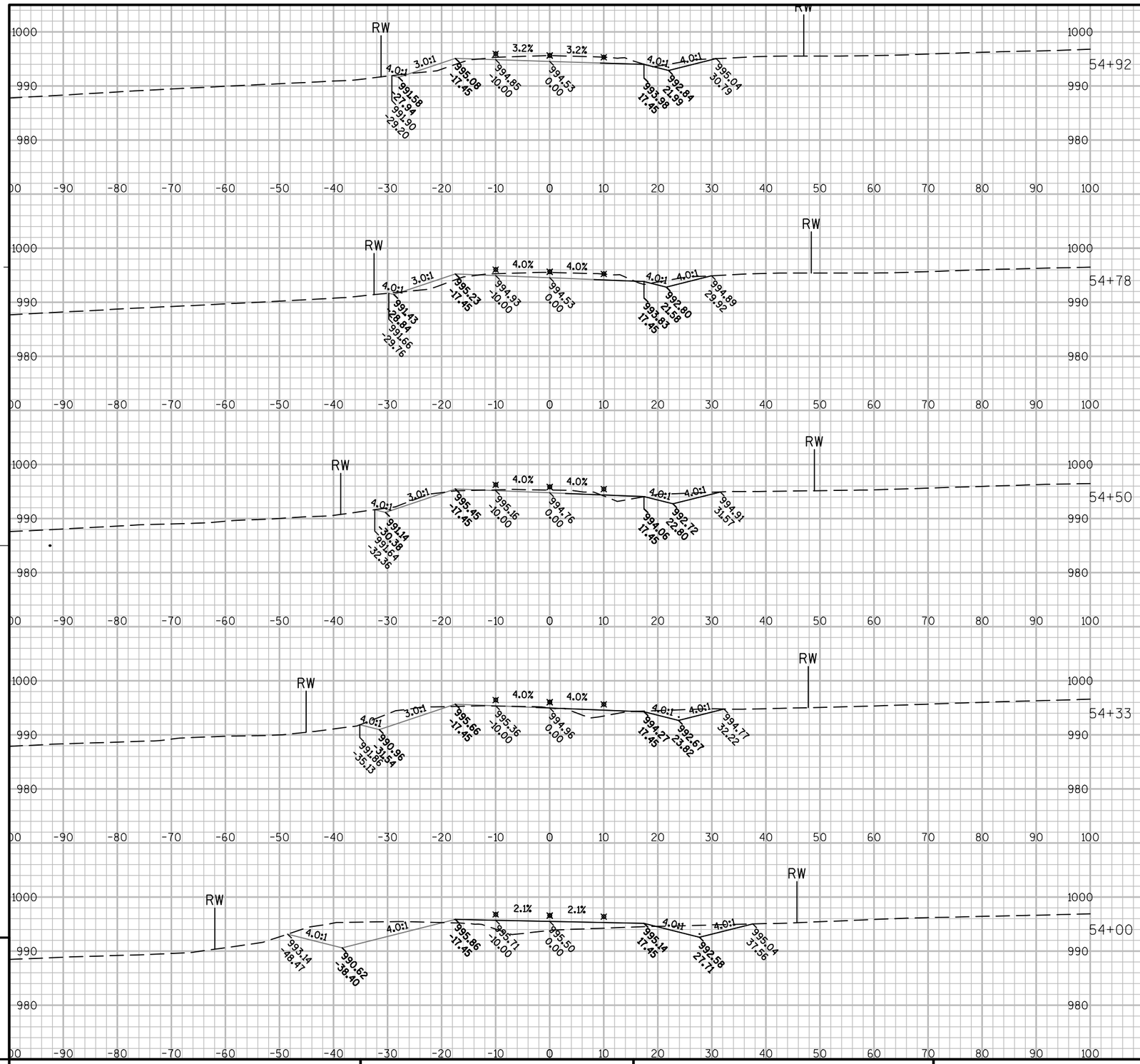
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SUNRISE RD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_SUNRISE.DWG PLOT DATE : 10/1/2014 2:52 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



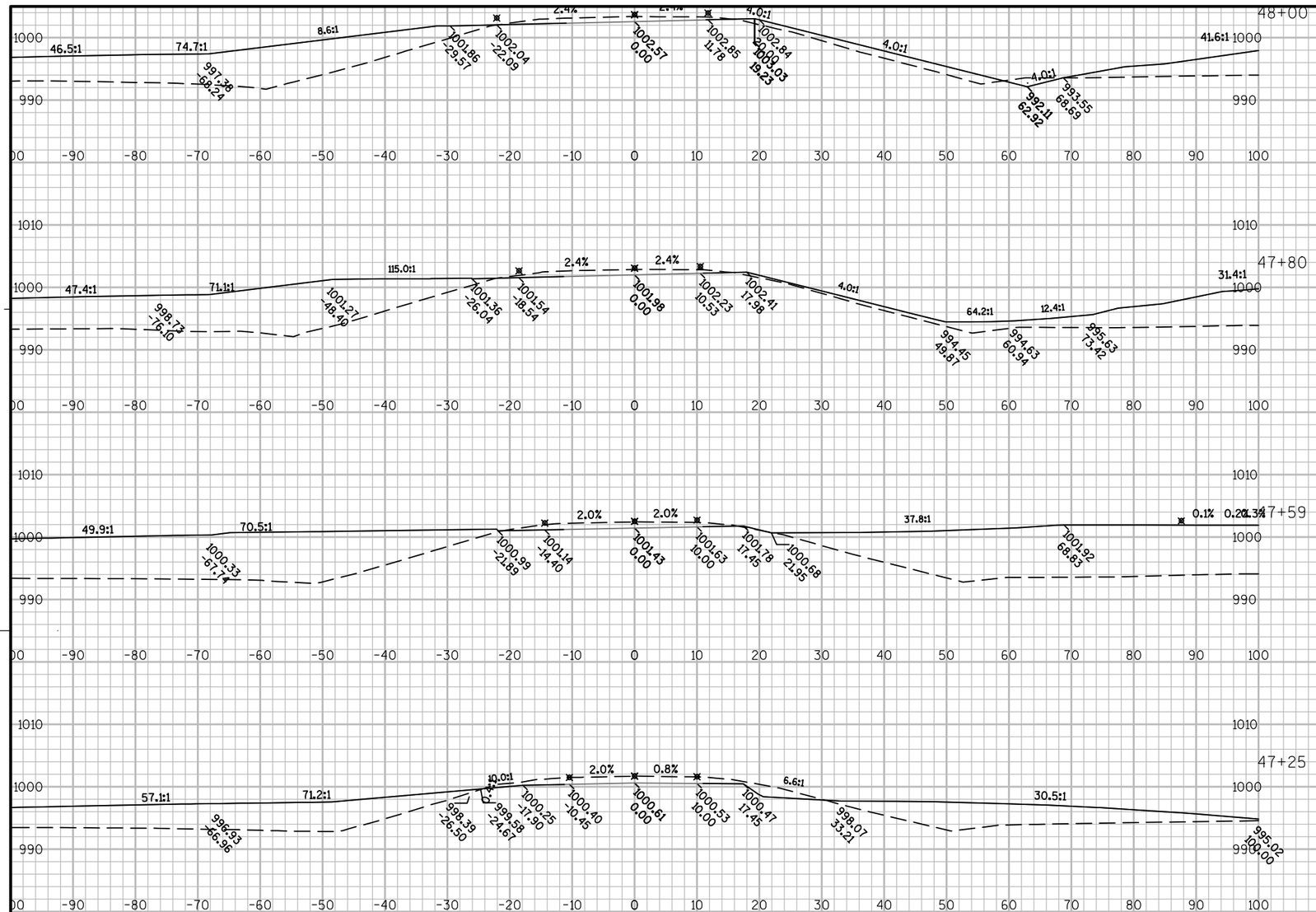
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SUNRISE RD	SHEET	E

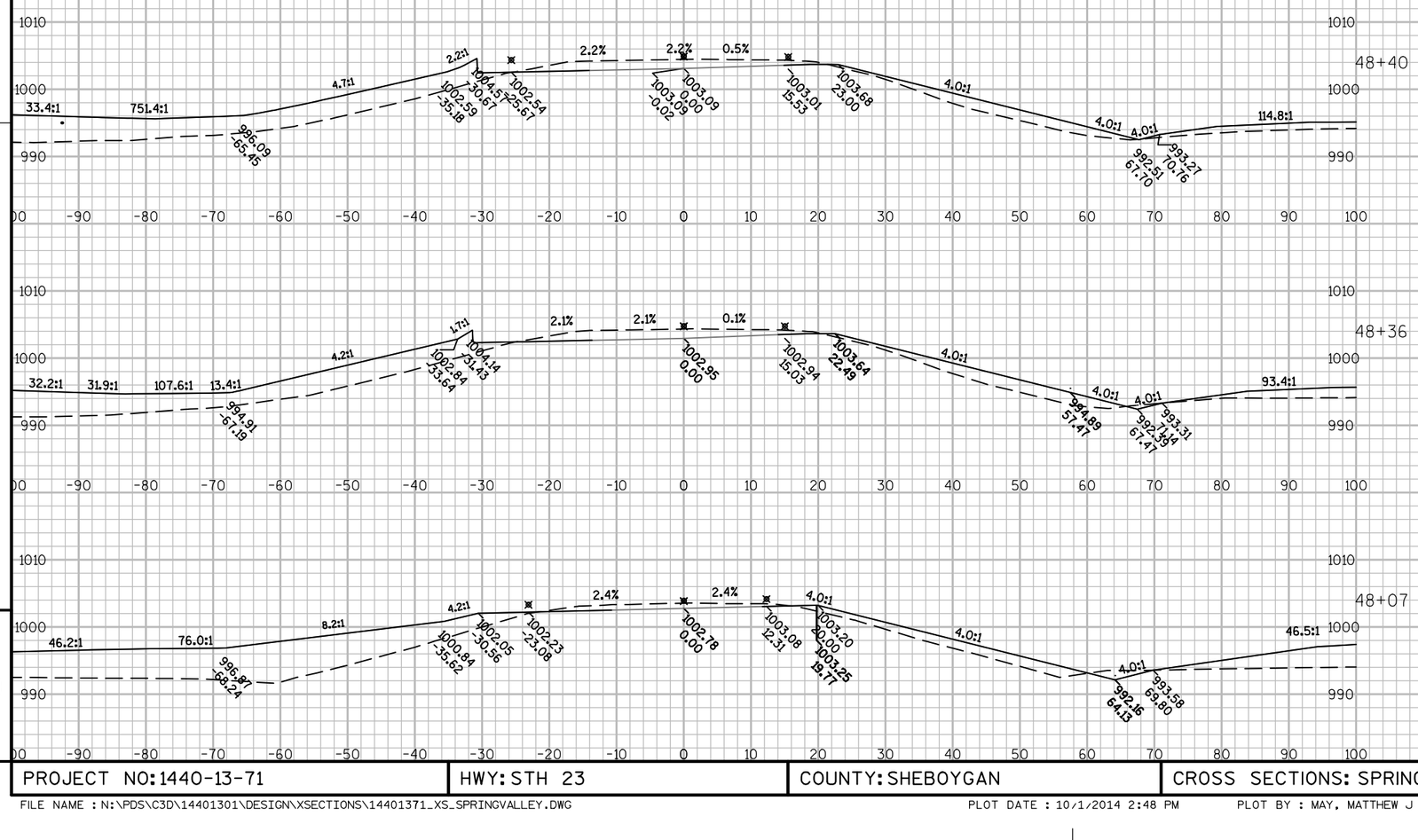
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WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SPRING VALLEY DR	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_SPRINGVALLEY.DWG PLOT DATE : 10/1/2014 2:47 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

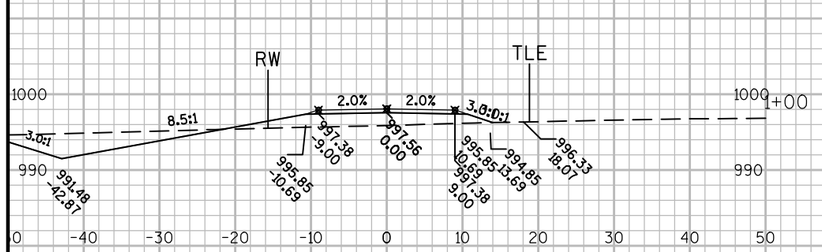


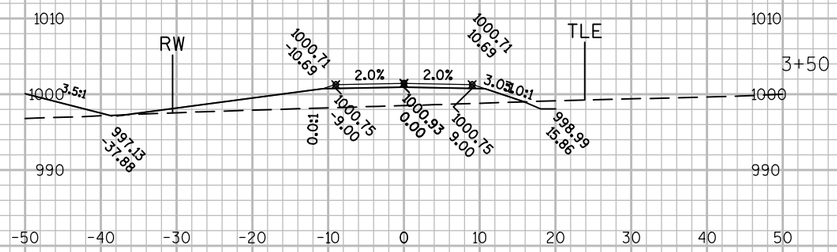
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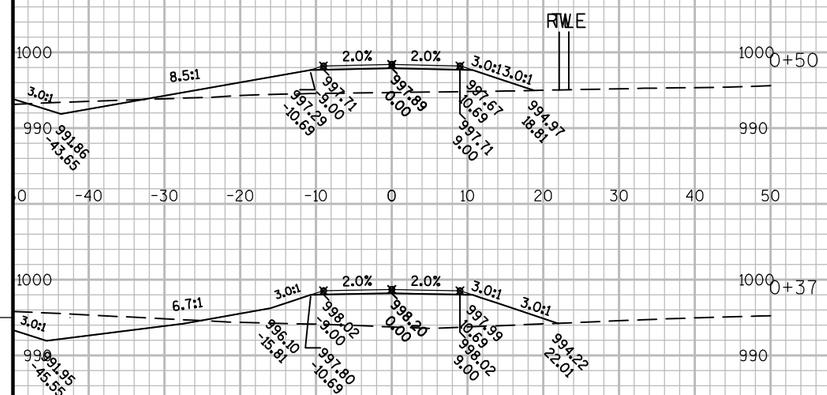
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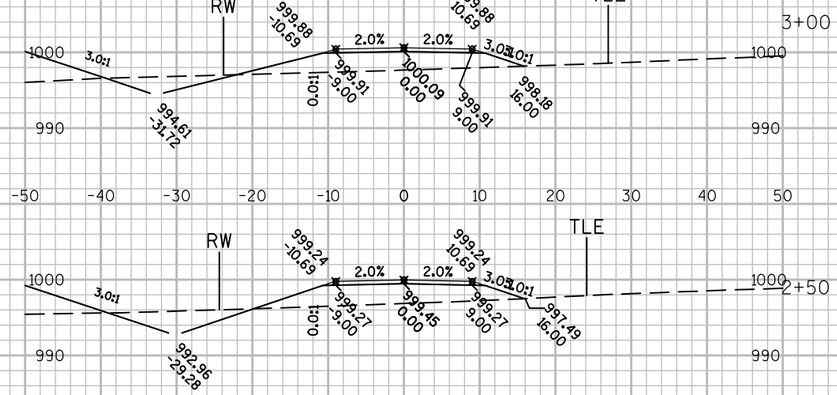
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SPRING VALLEY DR	SHEET	E

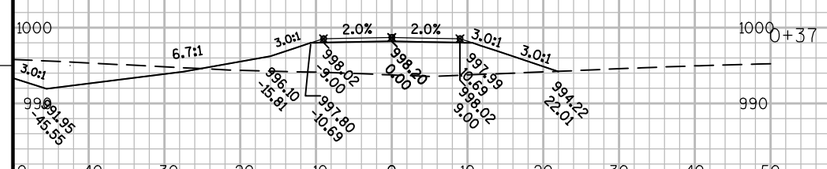
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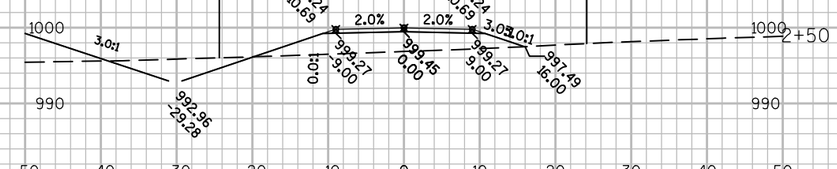


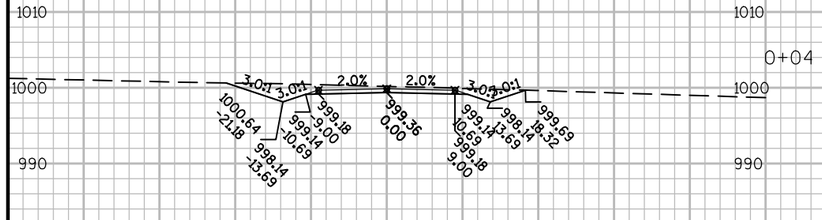


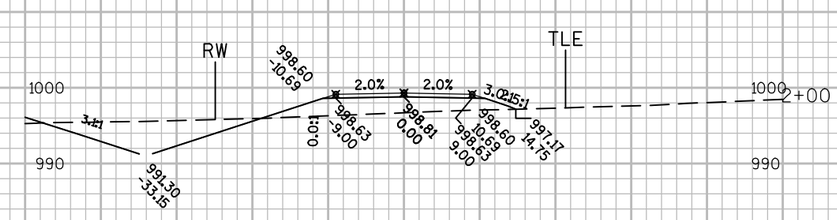


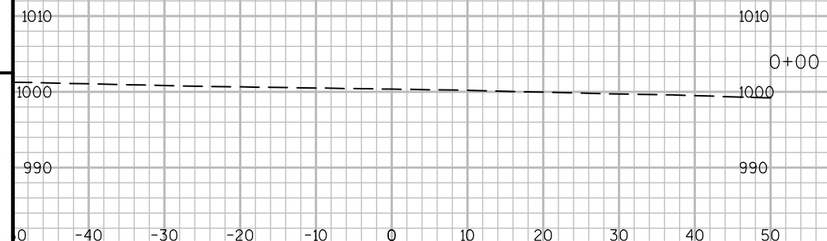


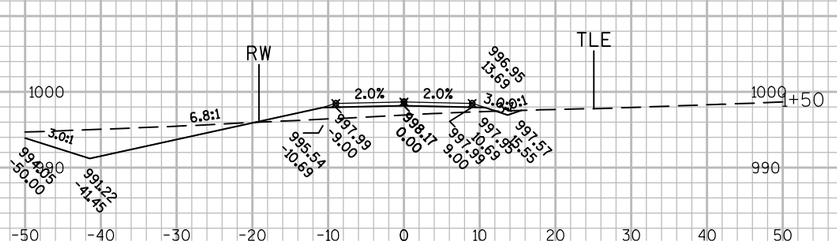


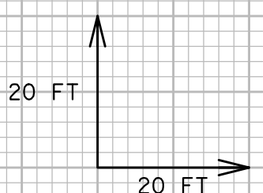






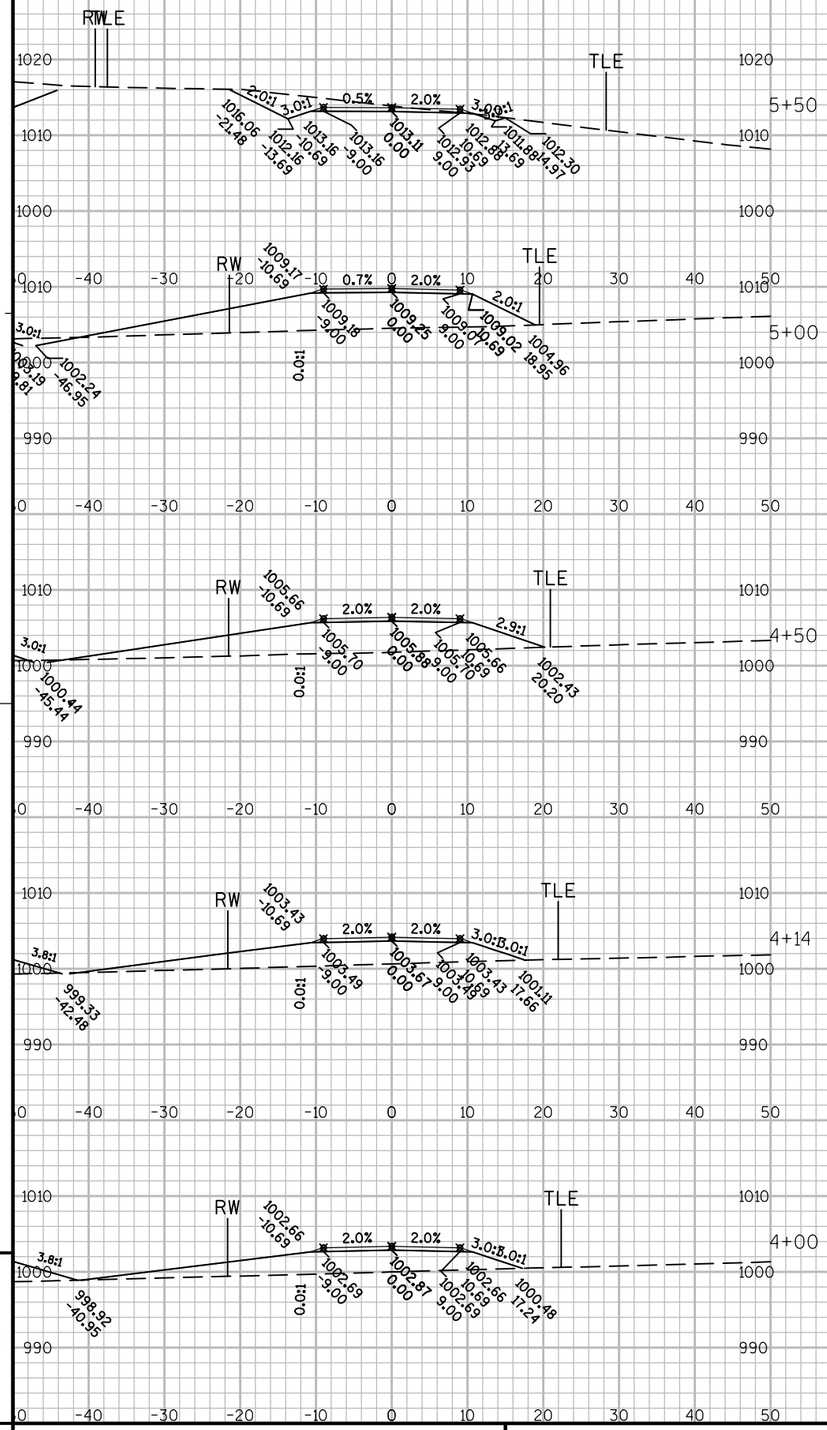






PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: ERNST DRIVEWAY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_ERNSTDVWY.DWG PLOT DATE : 10/1/2014 3:18 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

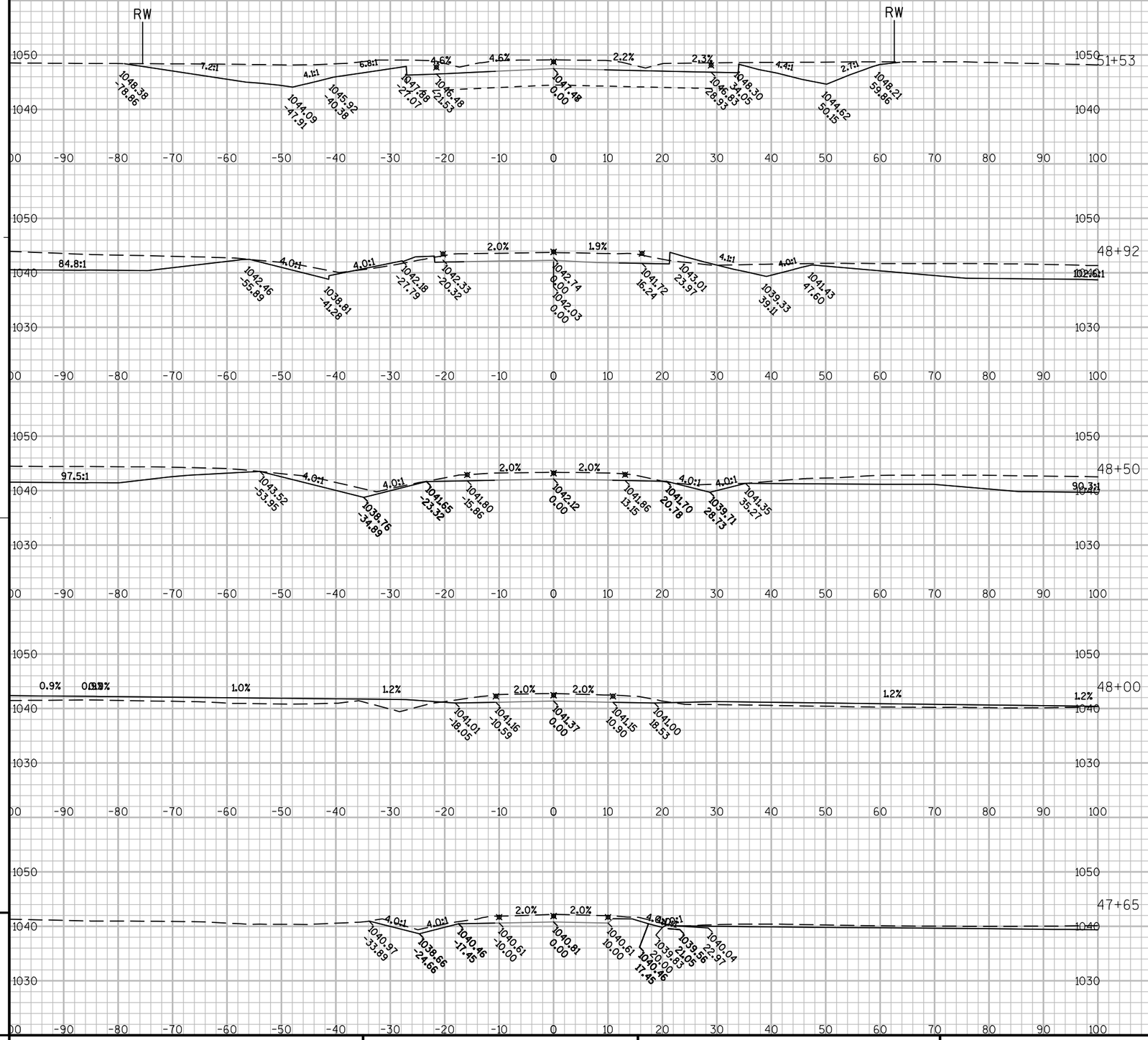


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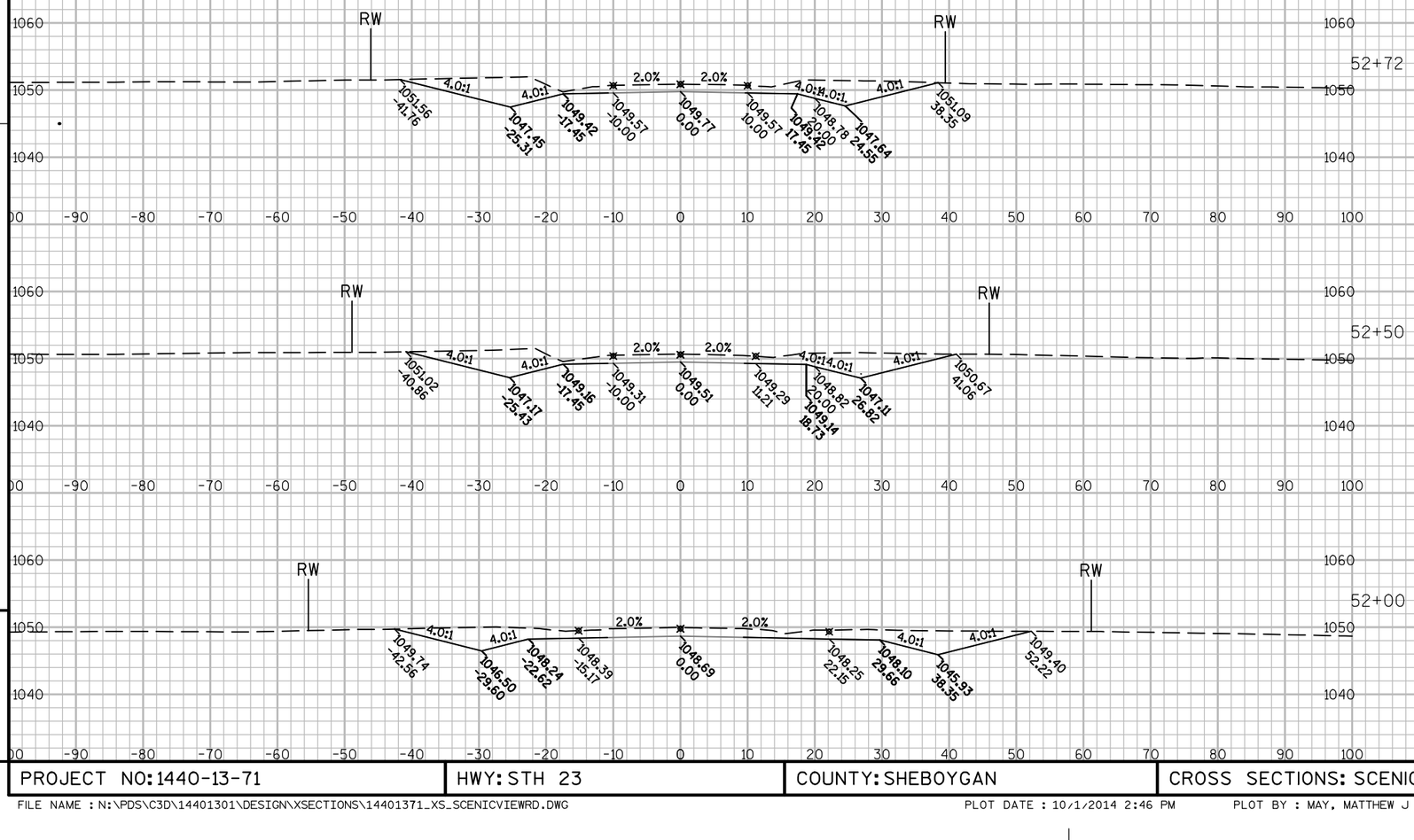
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: ERNST DRIVEWAY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_ERNSTDVWY.DWG PLOT DATE : 10/1/2014 3:19 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SCENIC VIEW RD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_SCENICVIEWRD.DWG PLOT DATE : 10/1/2014 2:45 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

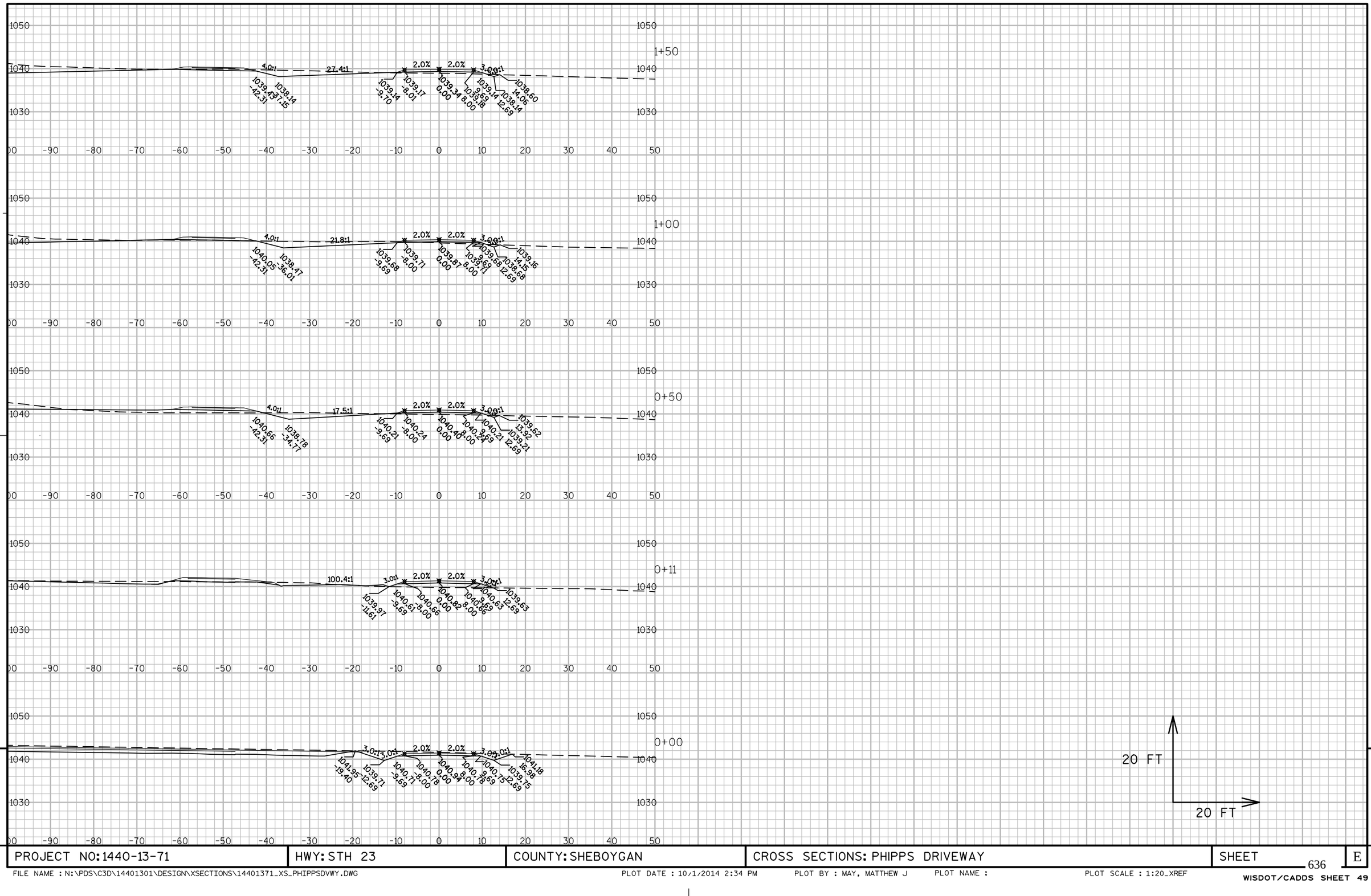


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SCENIC VIEW RD	SHEET	E

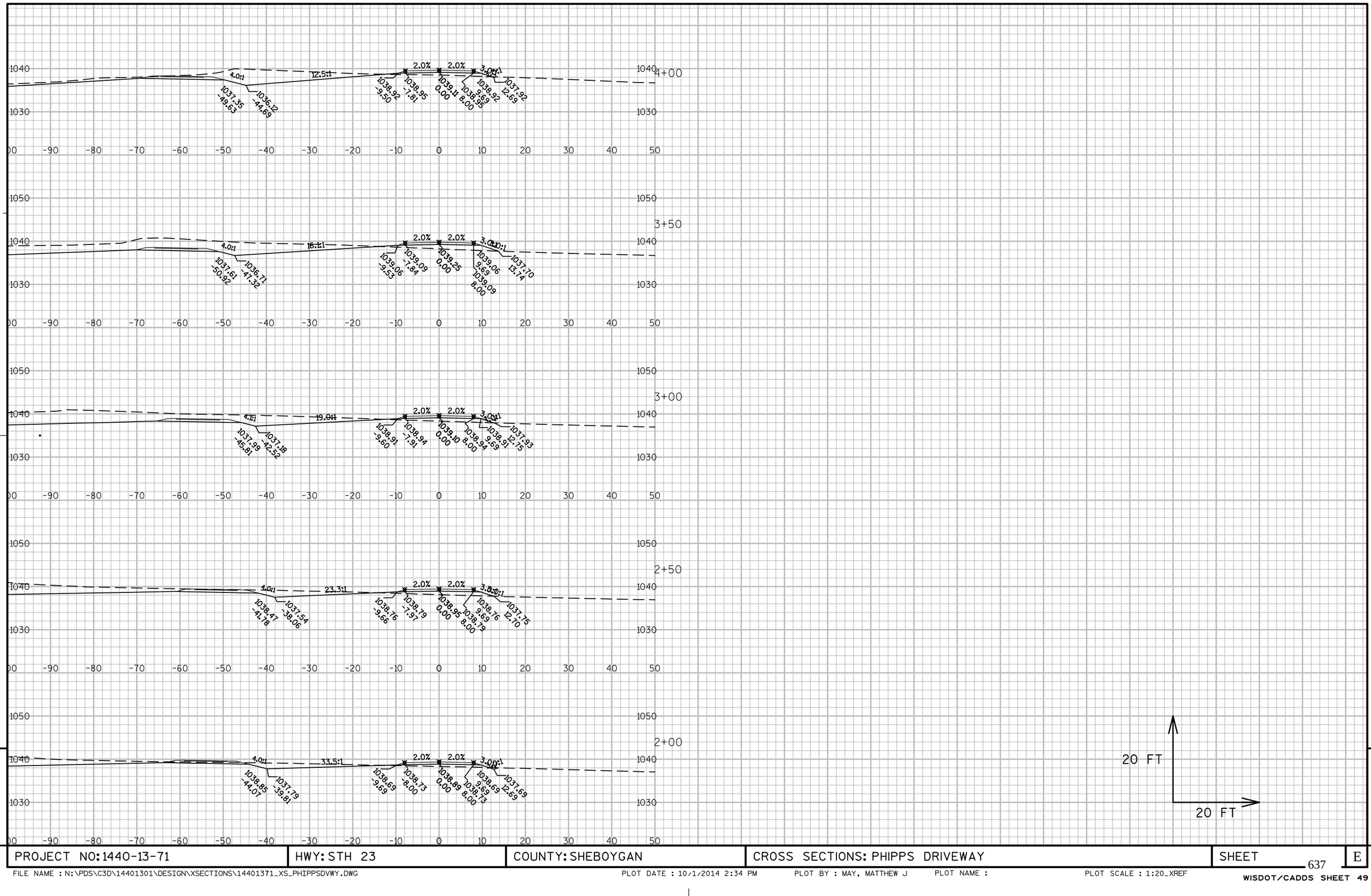
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: PHIPPS DRIVEWAY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_PHIPPSDVWY.DWG PLOT DATE : 10/1/2014 2:34 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

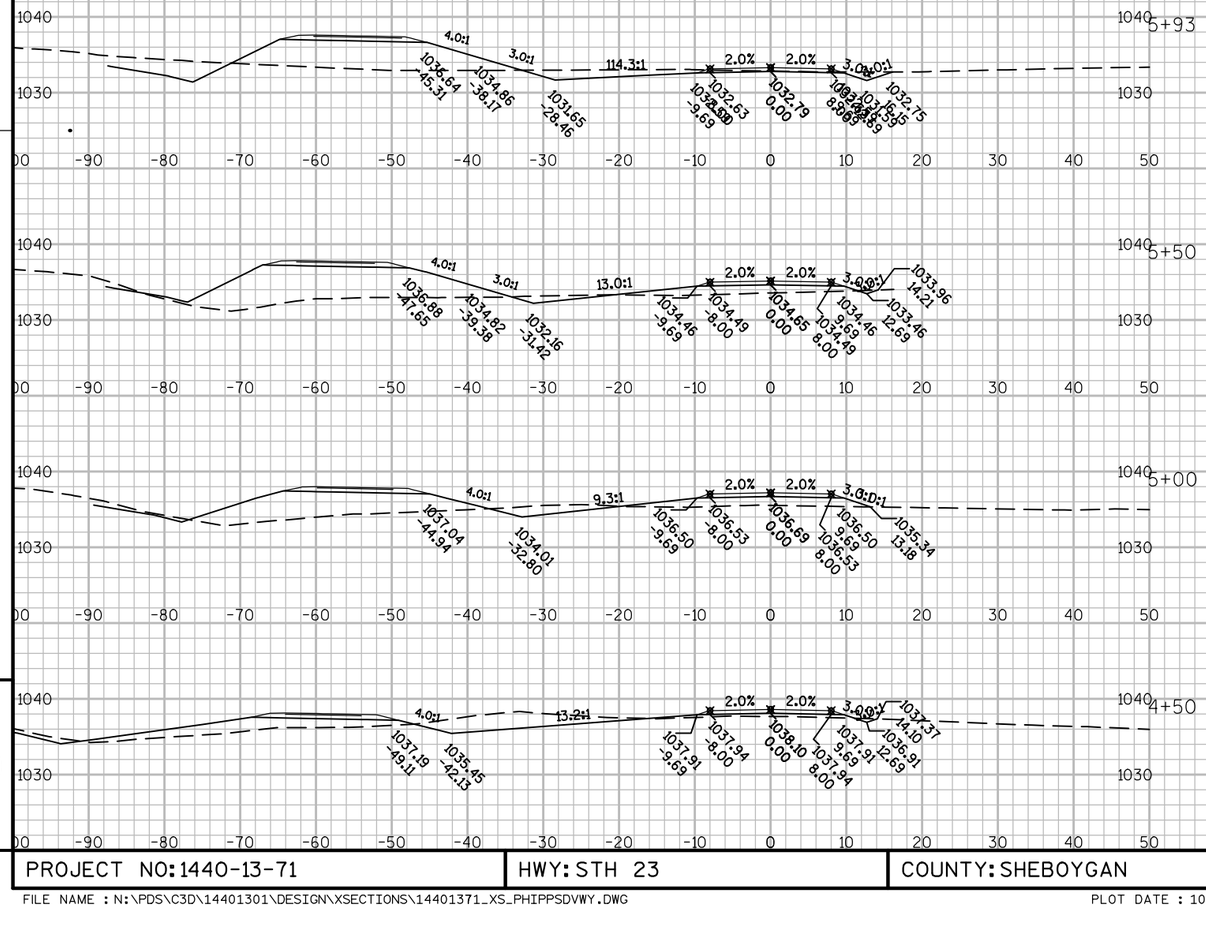


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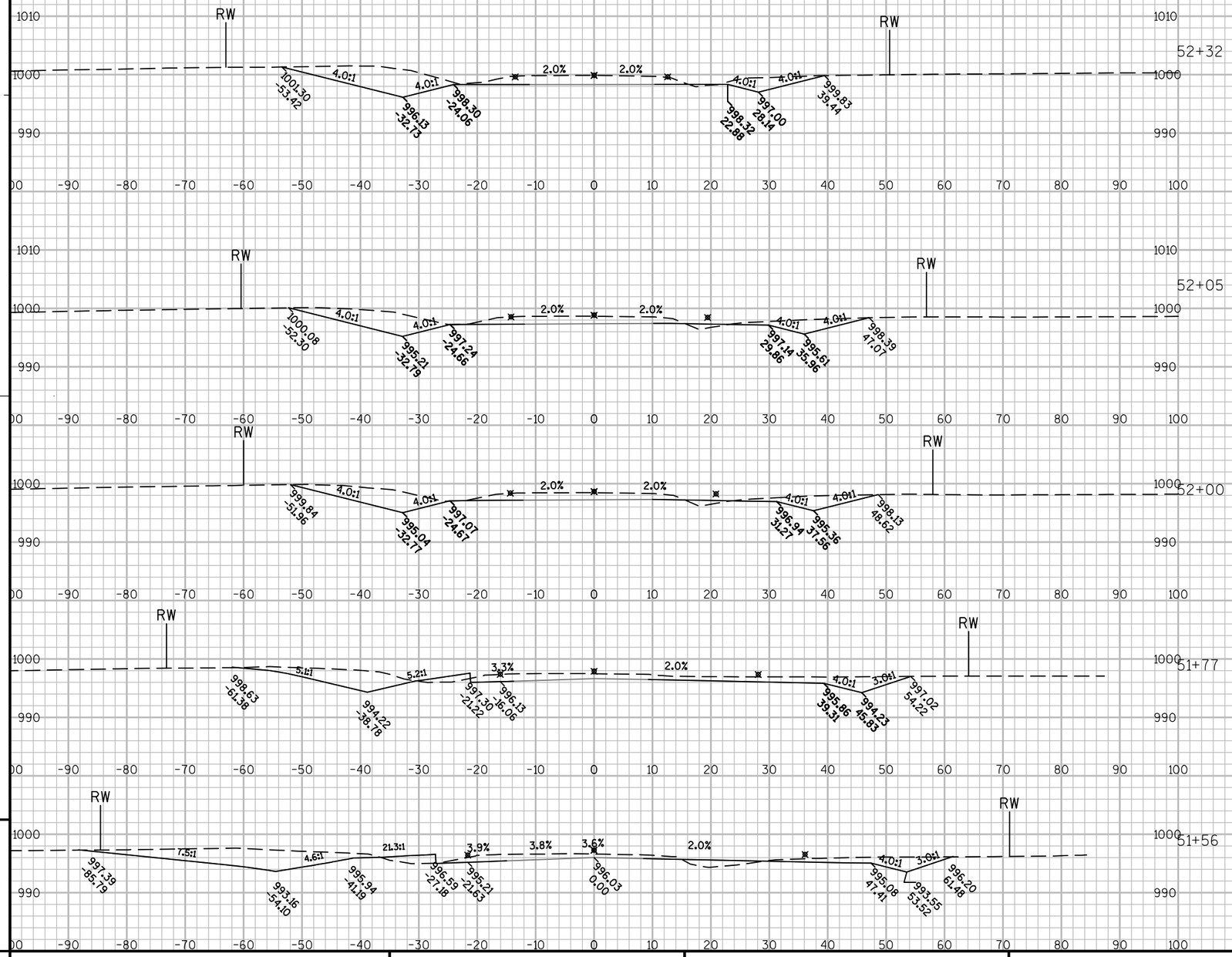
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: PHIPPS DRIVEWAY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_PHIPPSDVWY.DWG PLOT DATE : 10/1/2014 2:34 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: PHIPPS DRIVEWAY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_PHIPPSDVWY.DWG PLOT DATE : 10/1/2014 2:34 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH T NORTH	SHEET	E

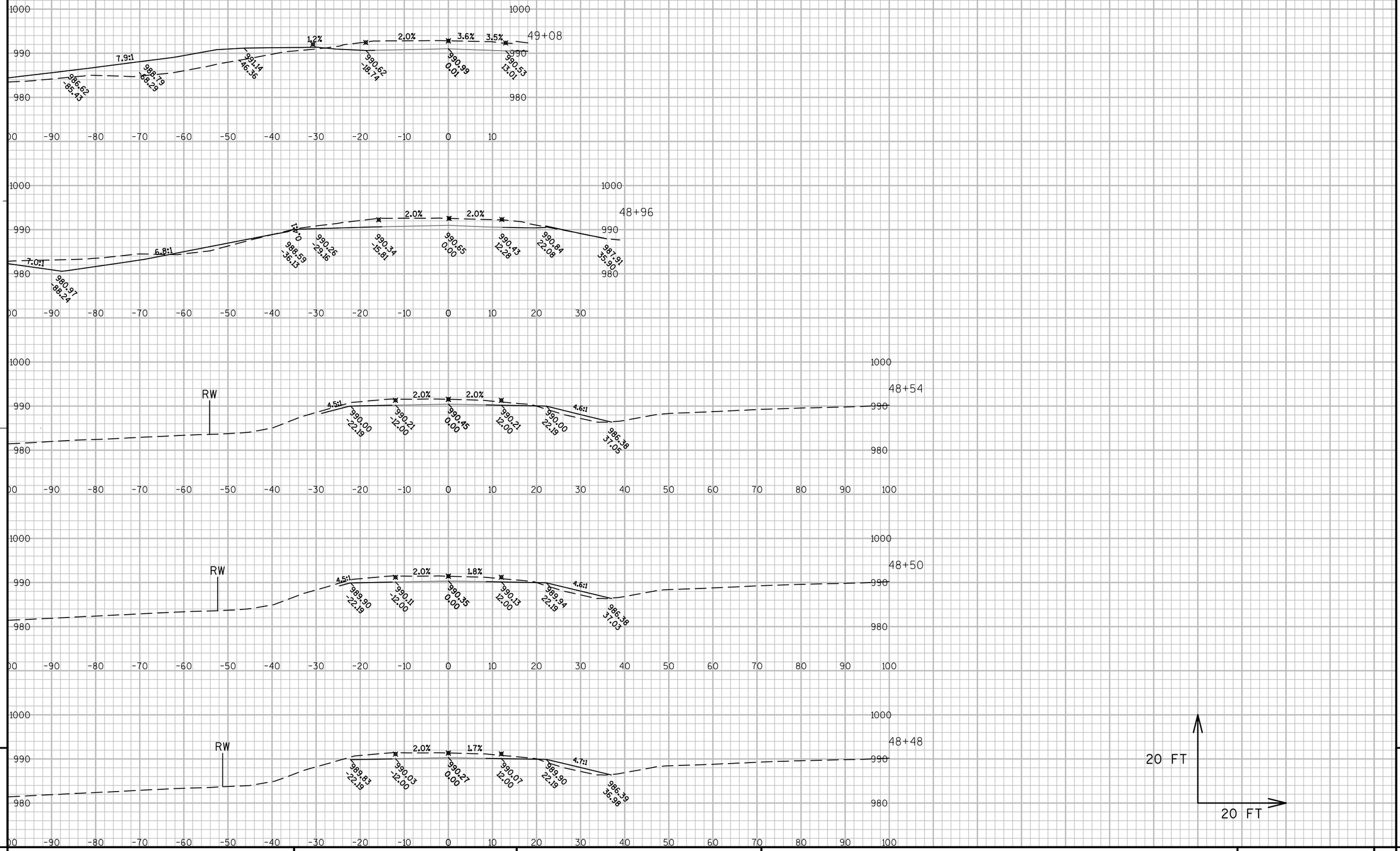
FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_CTHTNORTH.DWG PLOT DATE : 10/1/2014 2:17 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH T NORTH	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_CTHTNORTH.DWG PLOT DATE : 10/1/2014 2:18 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

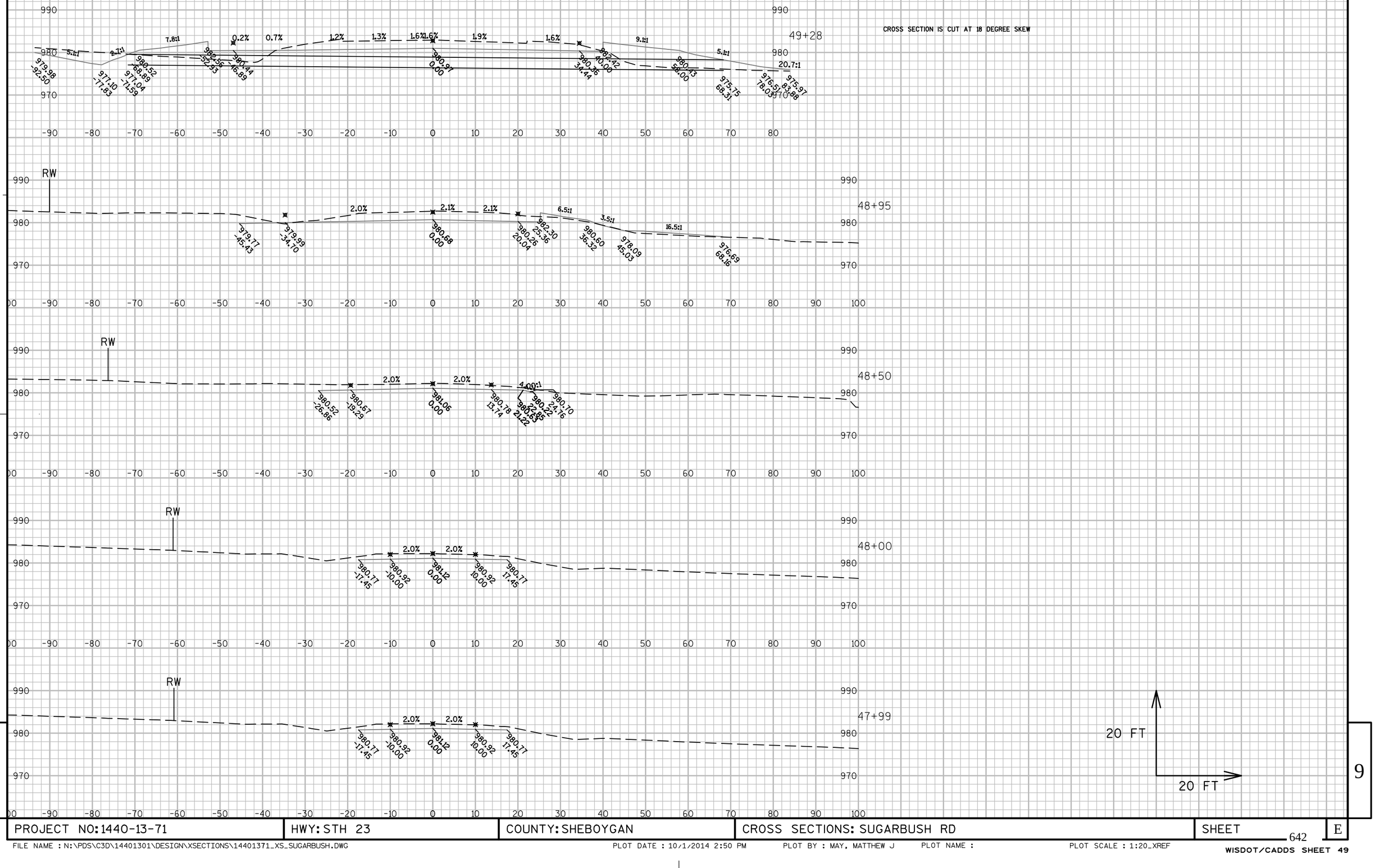


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH T SOUTH (PLANK RD)	SHEET 641	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_CTHTSOUTH.DWG PLOT DATE : 10/1/2014 2:20 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

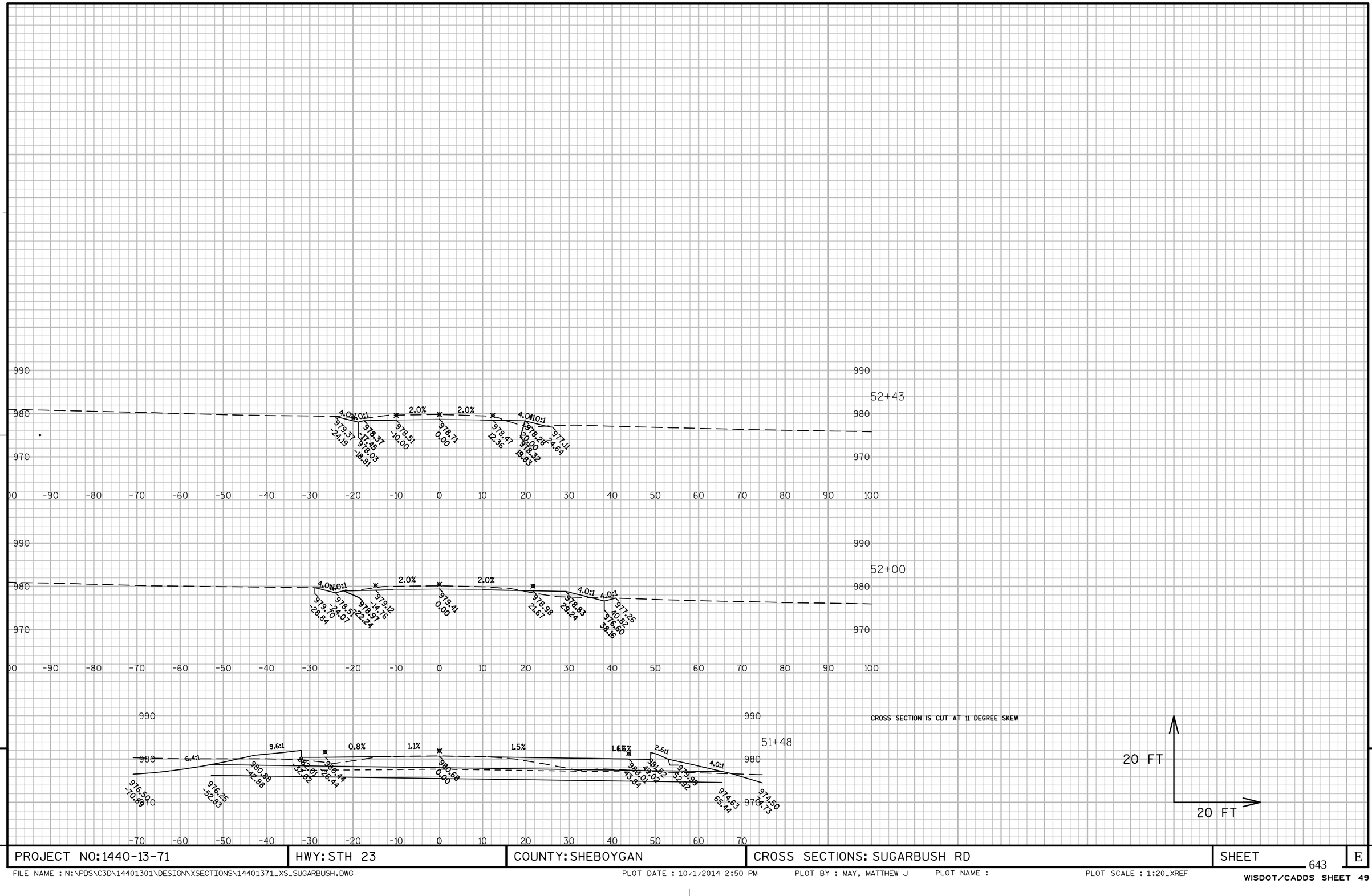
CROSS SECTION IS CUT AT 18 DEGREE SKEW



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SUGARBUSH RD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_SUGARBUSH.DWG PLOT DATE : 10/1/2014 2:50 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

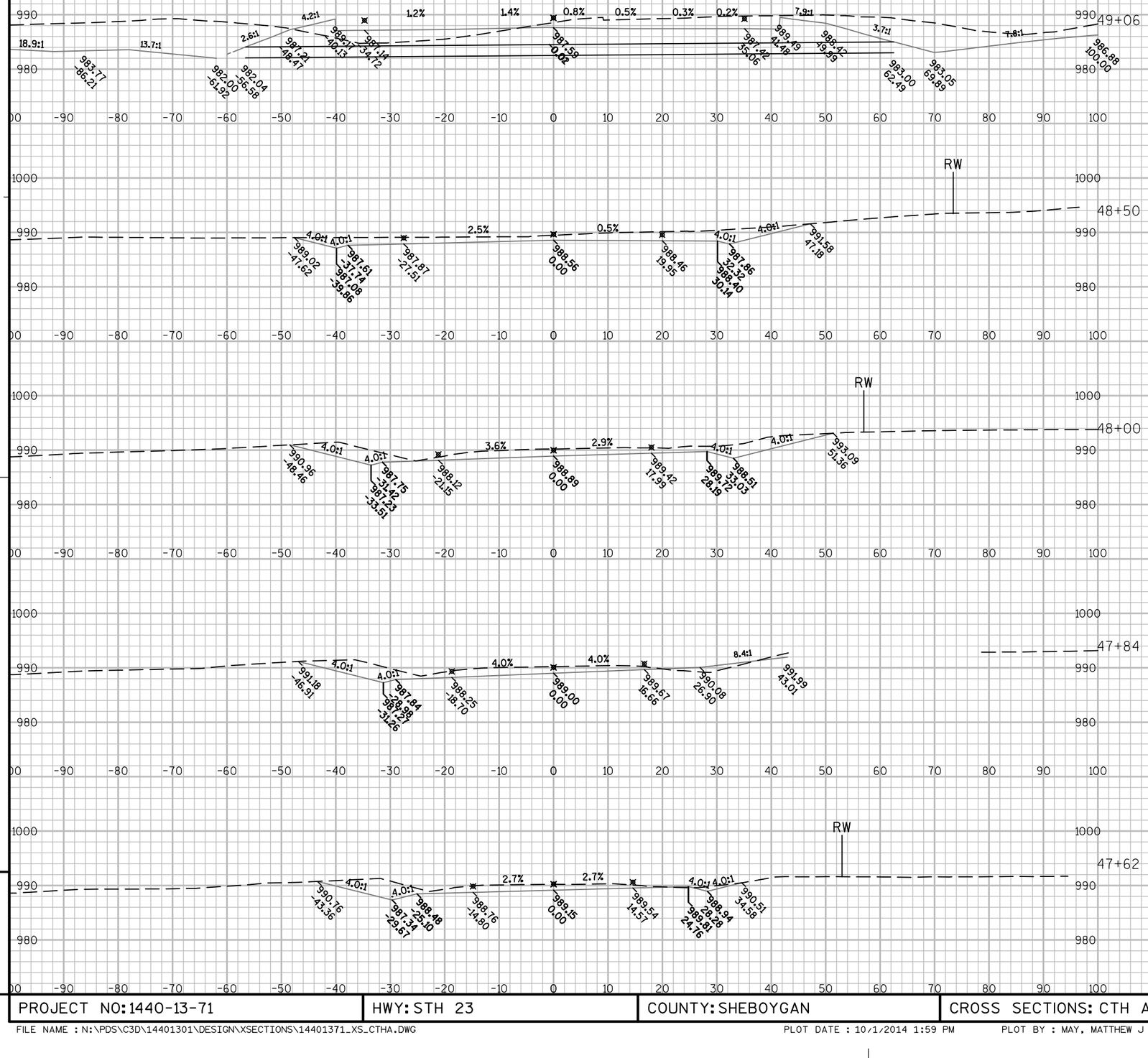
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SUGARBUSH RD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_SUGARBUSH.DWG PLOT DATE : 10/1/2014 2:50 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

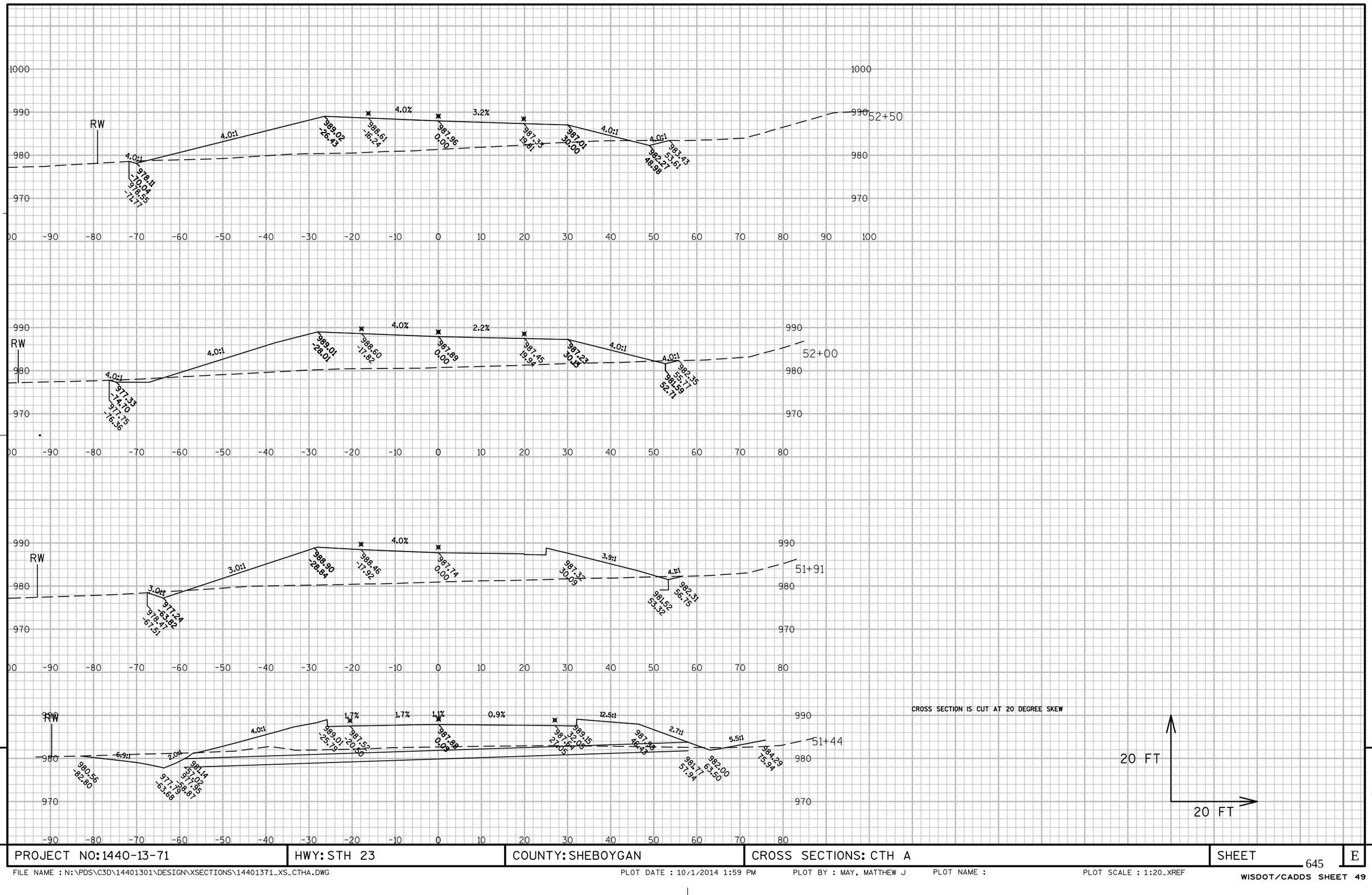


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH A	SHEET	E

644

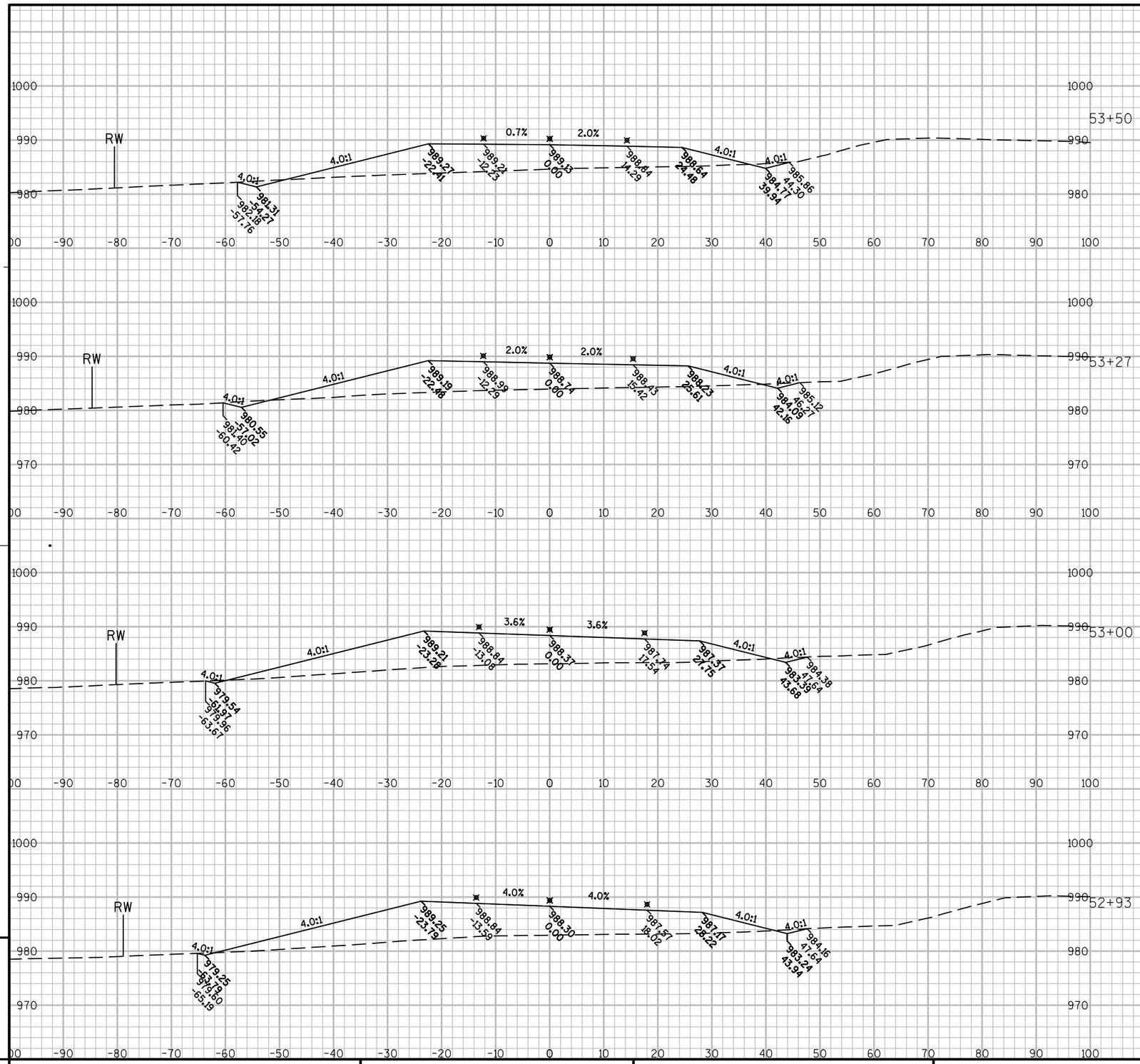
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WISDOT/CADDS SHEET 49



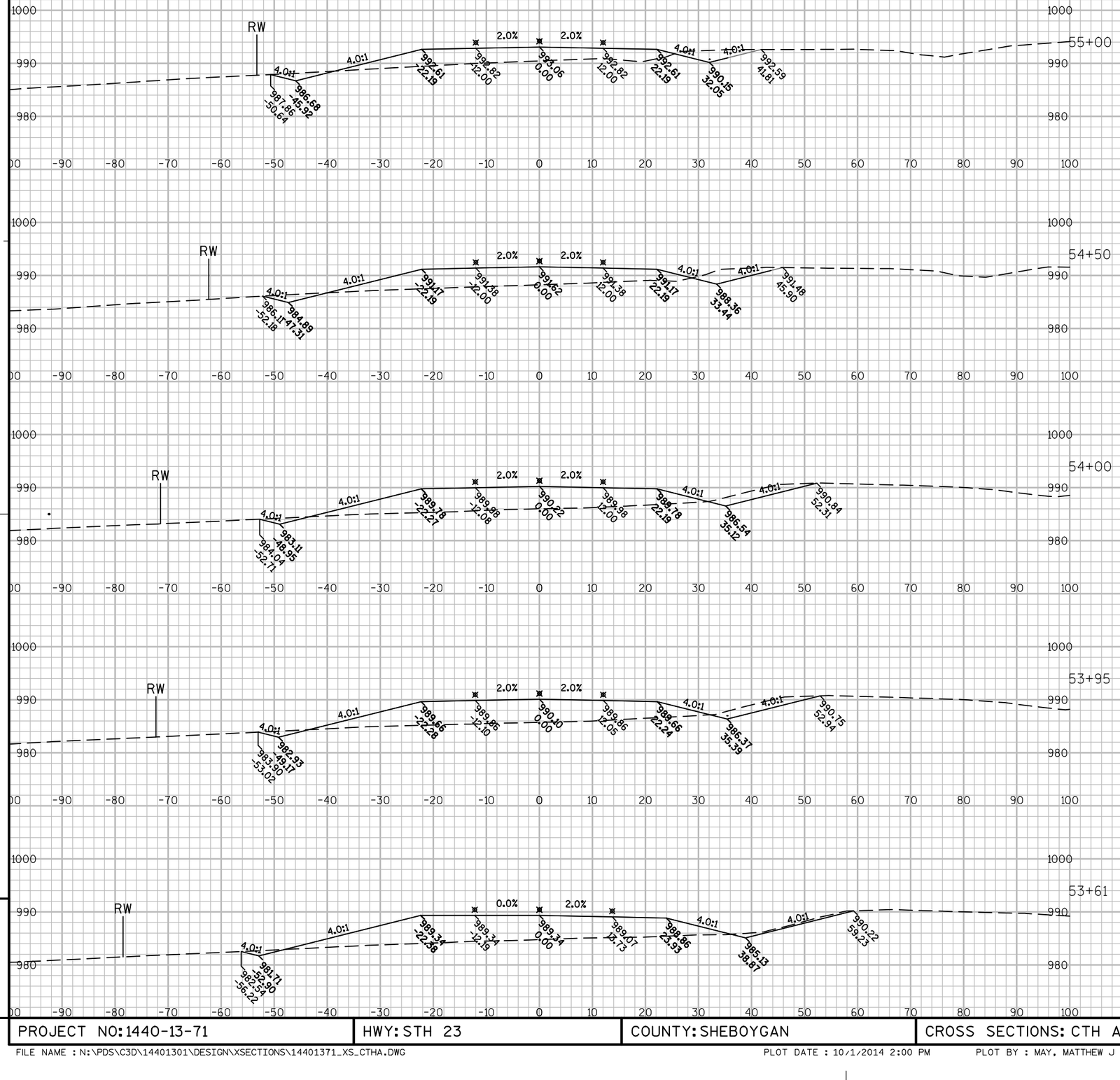
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH A	SHEET	E

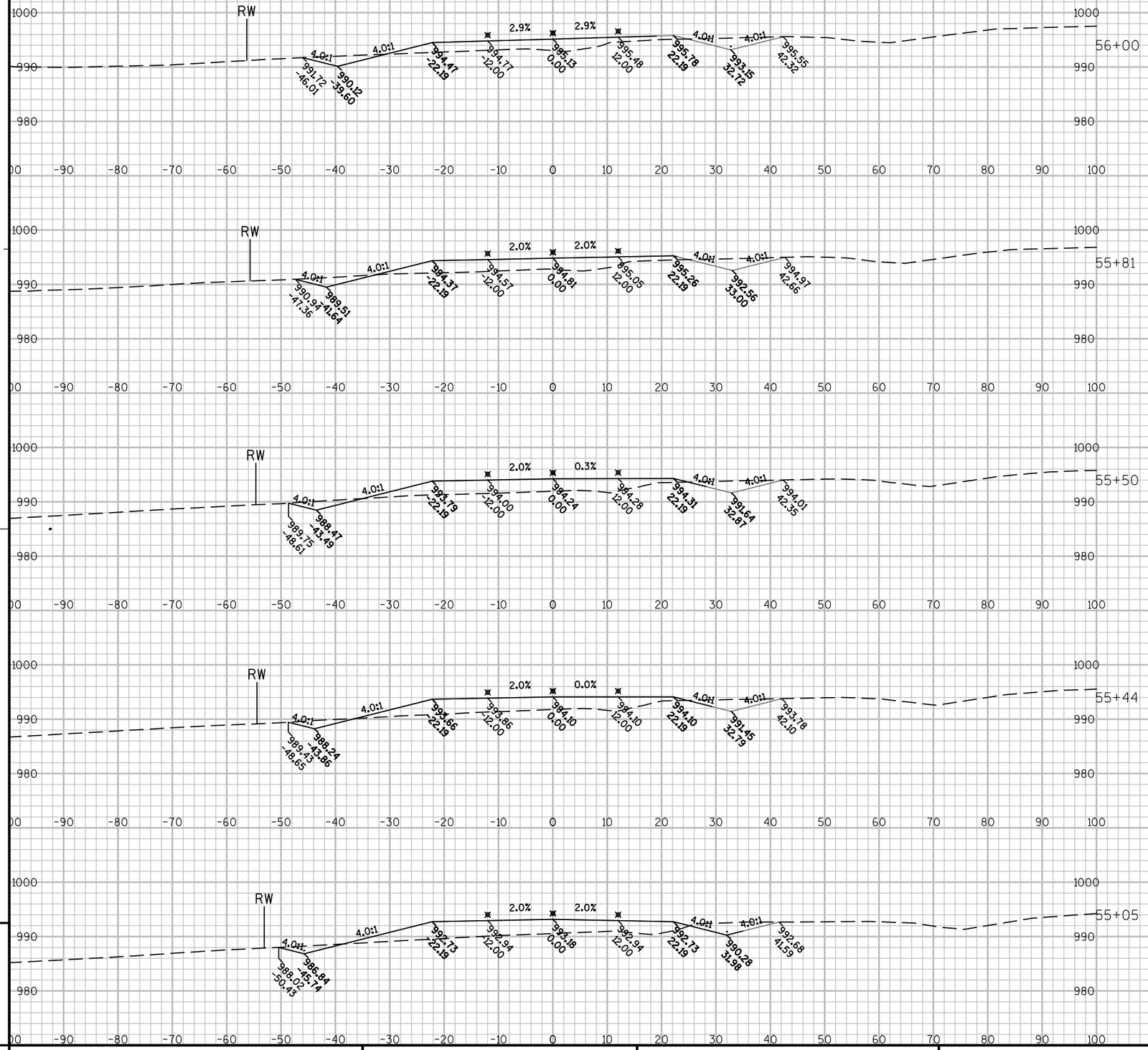
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH A	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_CTHA.DWG PLOT DATE : 10/1/2014 2:00 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

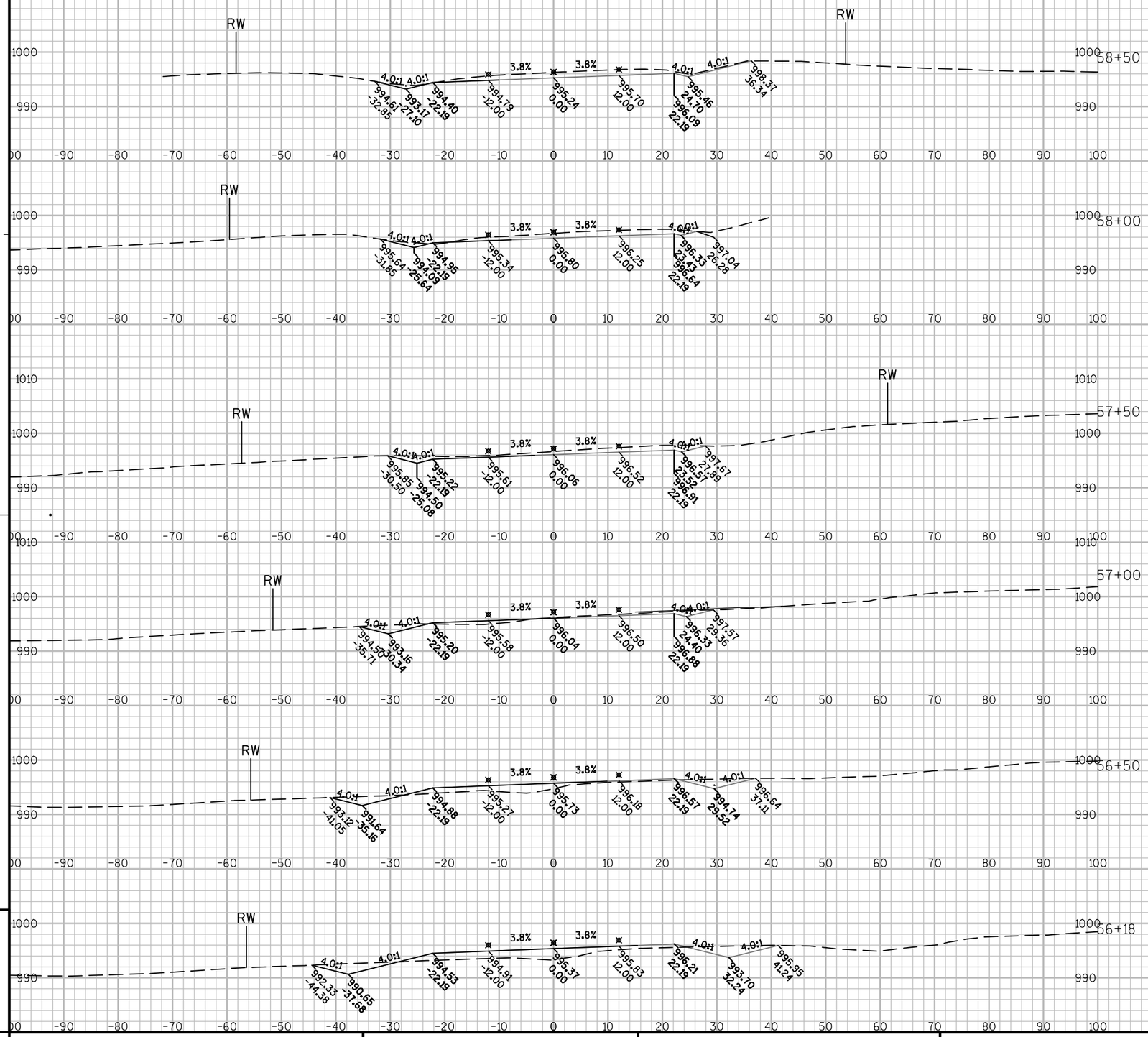
WISDOT/CADDS SHEET 49



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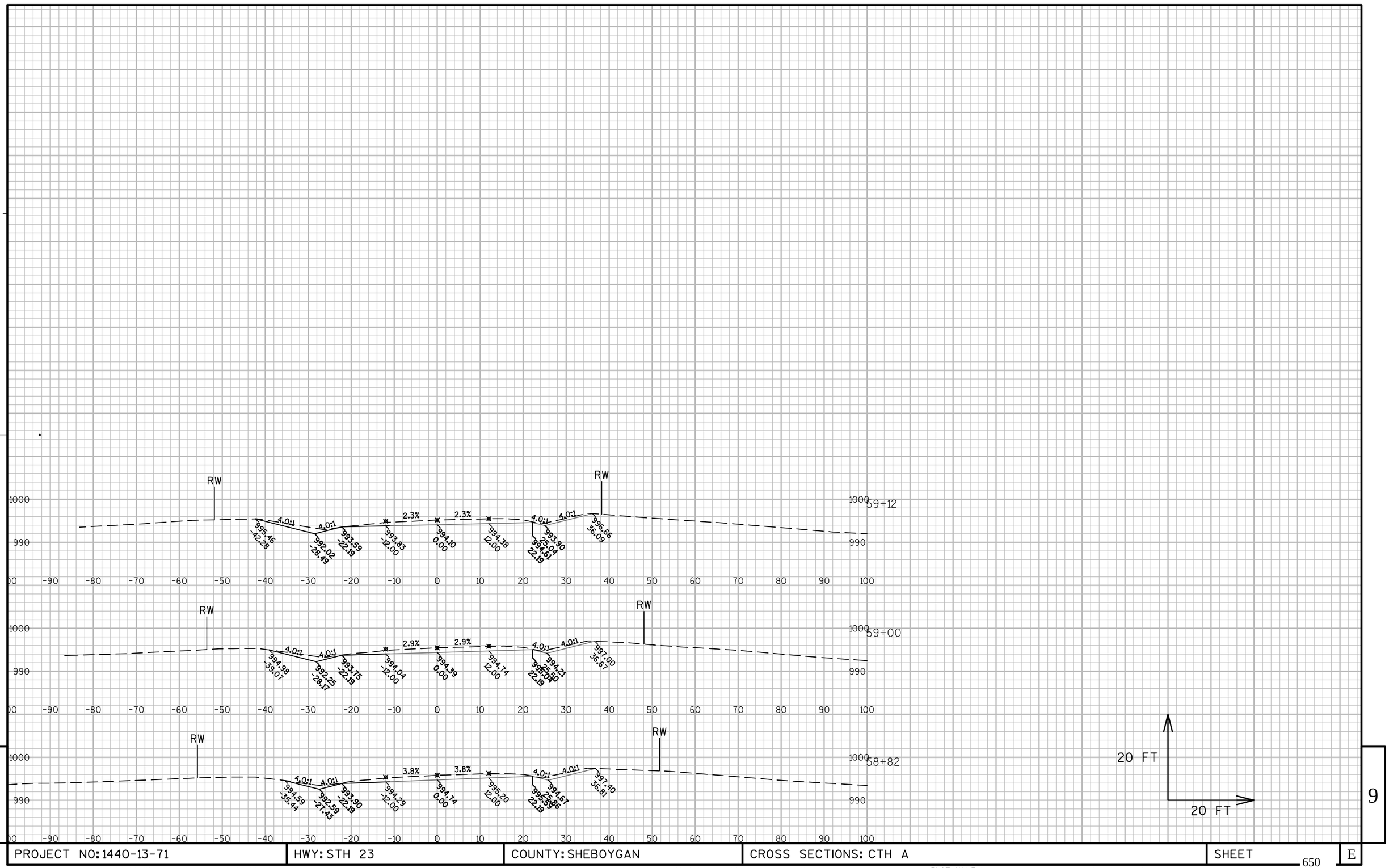
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH A	SHEET	E



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH A	SHEET 649	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_CTHA.DWG PLOT DATE : 10/1/2014 2:01 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

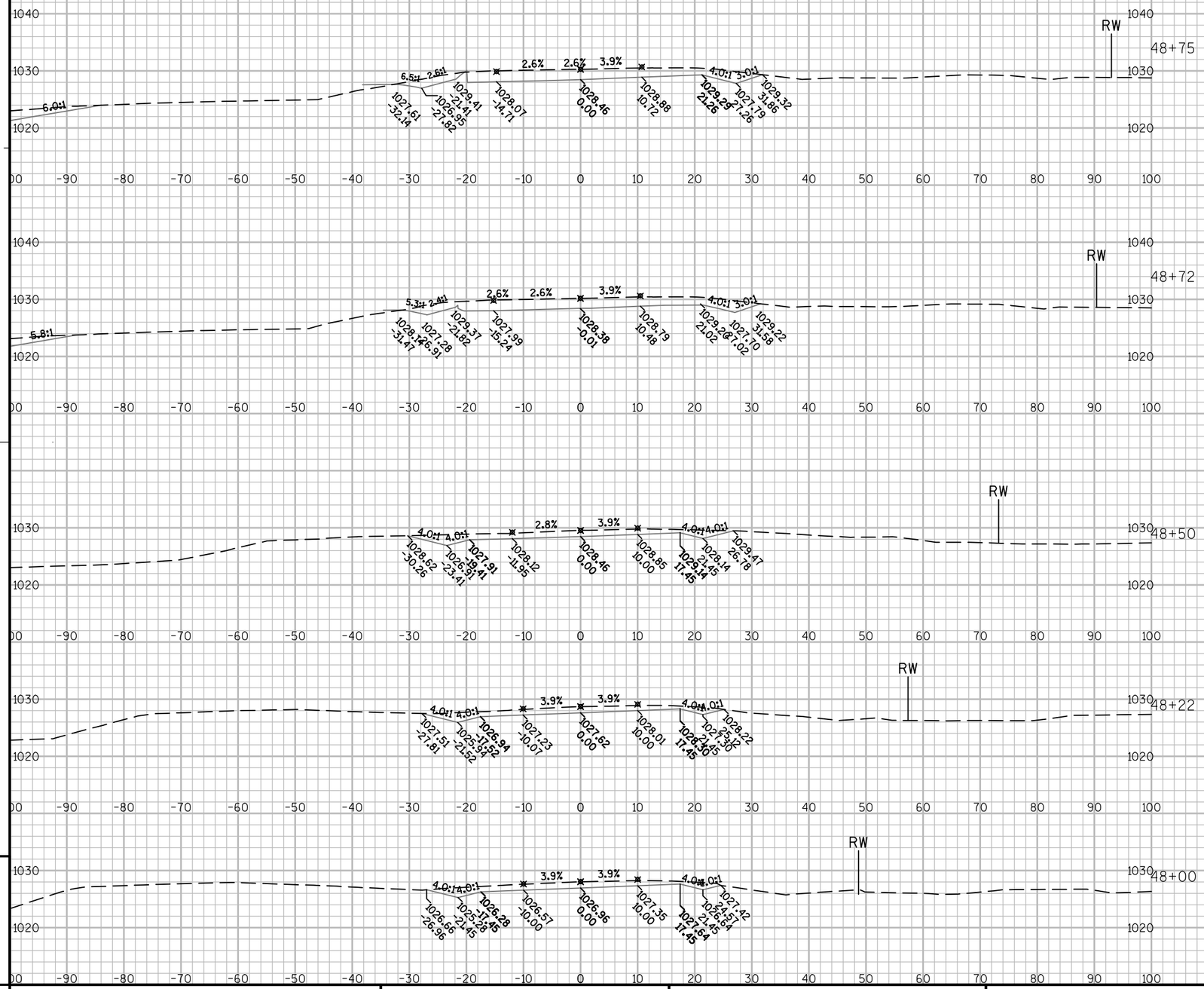
WISDOT/CADDS SHEET 49



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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH A	SHEET 650	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_CTHA.DWG PLOT DATE : 10/1/2014 2:01 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



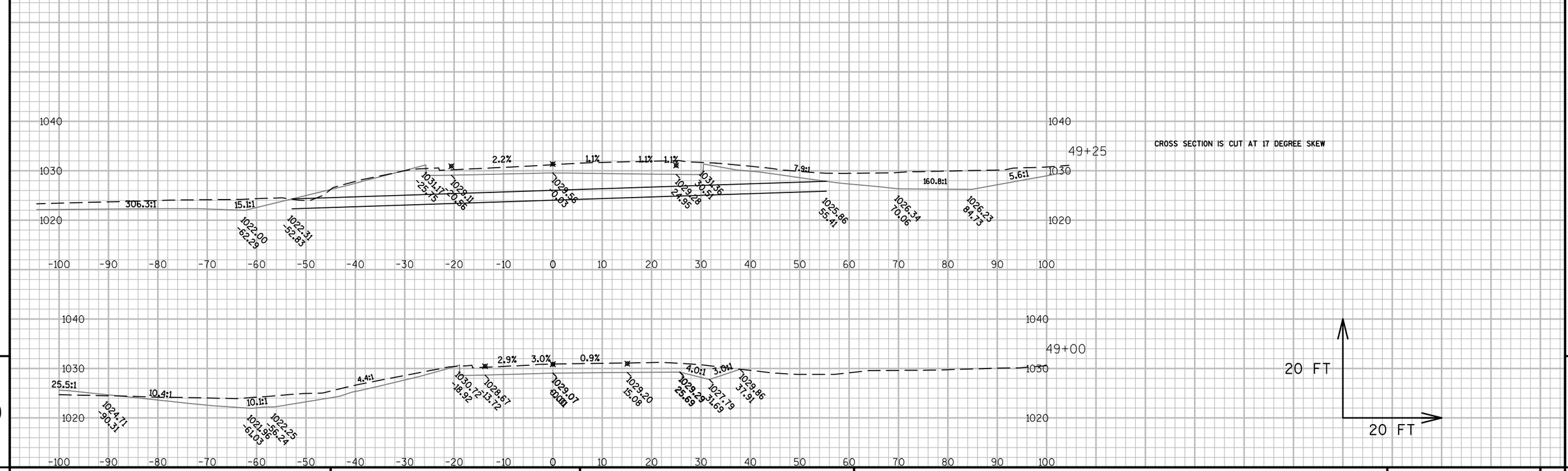
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: PLANK RD	SHEET	E

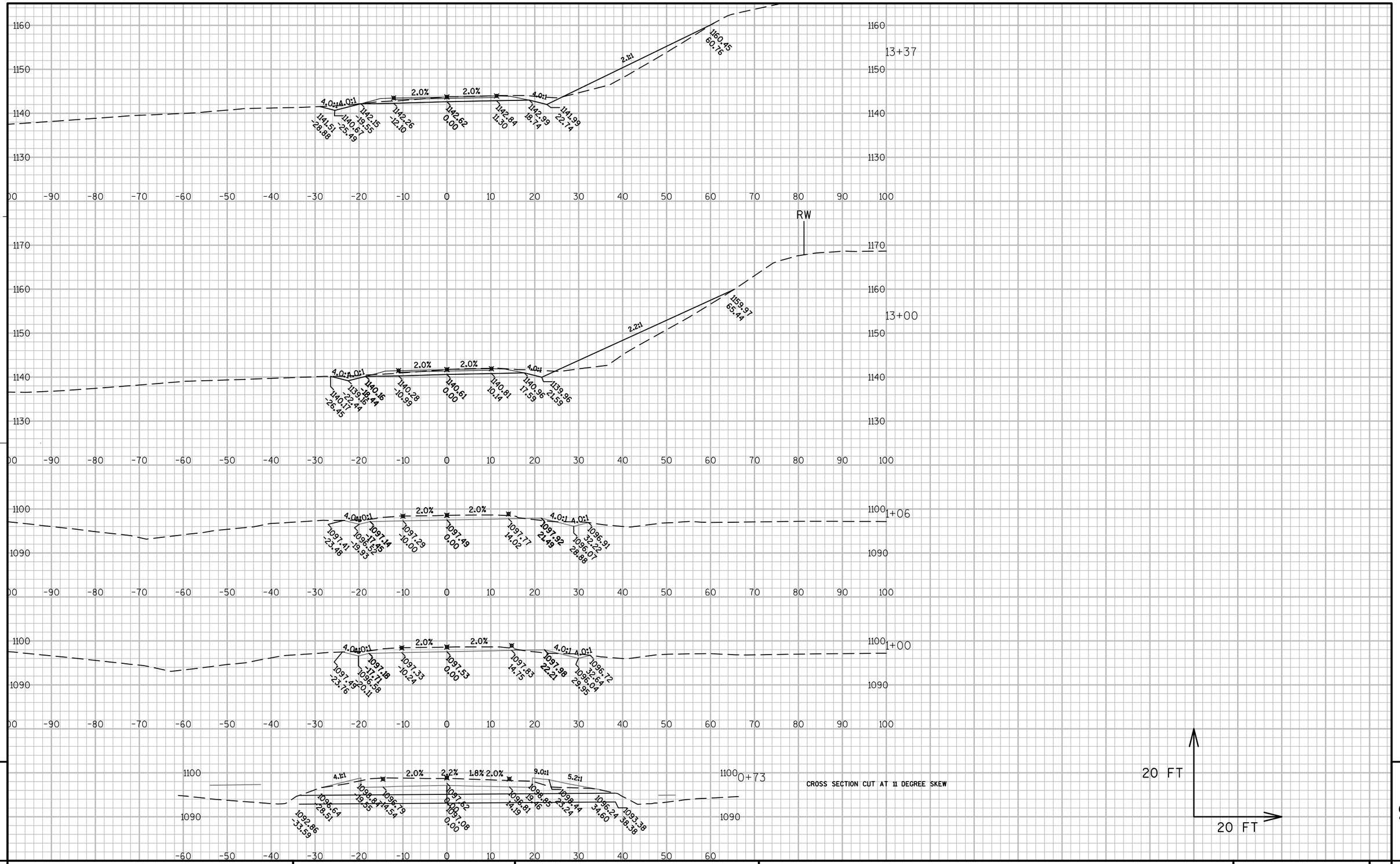
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WISDOT/CADDS SHEET 49



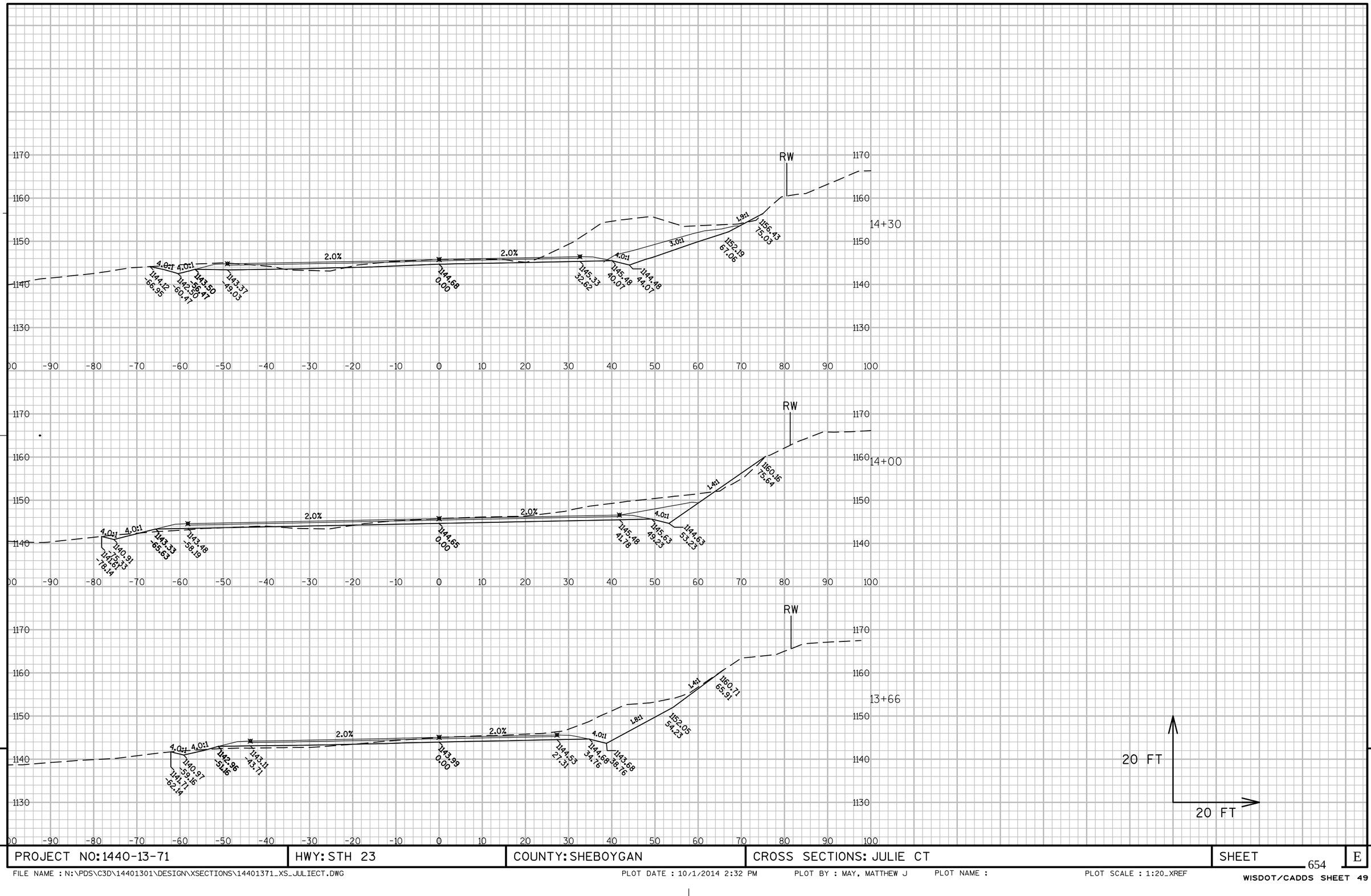
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: PLANK RD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_PLANKRD.DWG PLOT DATE : 10/1/2014 2:36 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: JULIE CT	SHEET	E

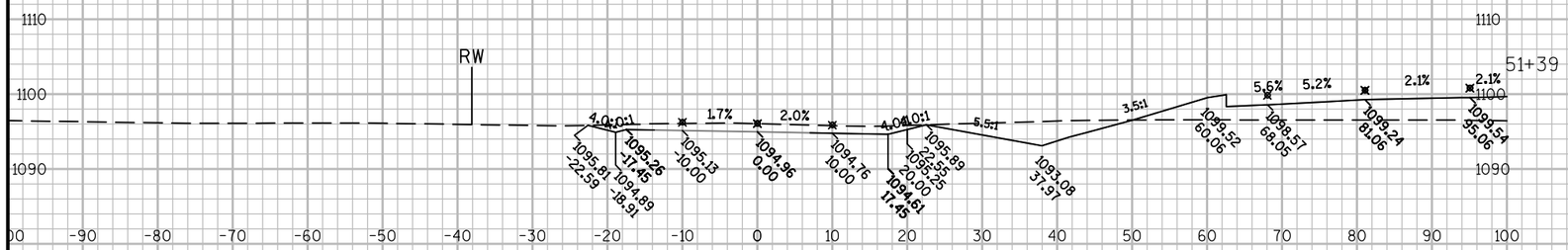
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WISDOT/CADDS SHEET 49

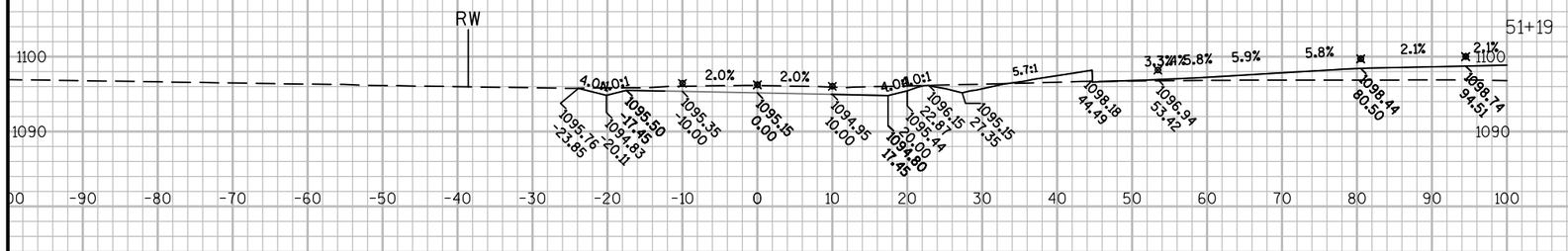


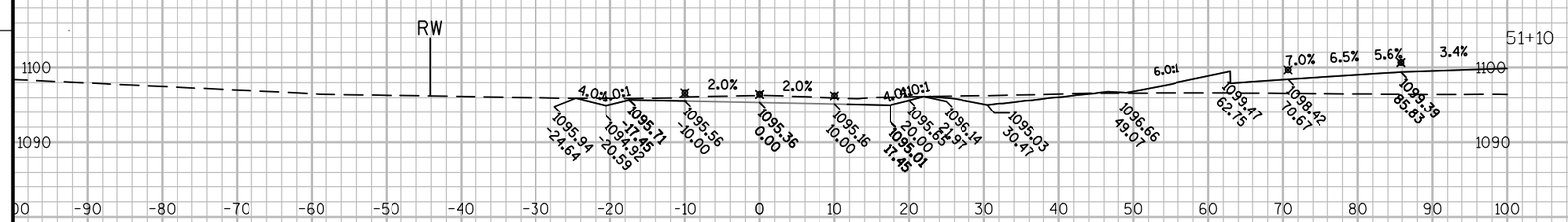
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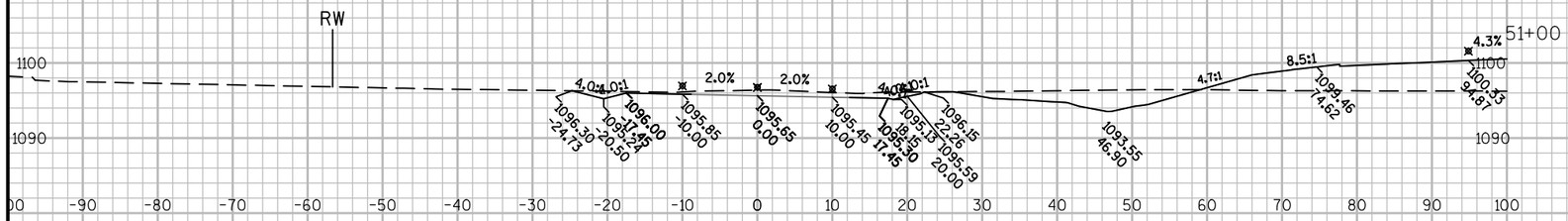
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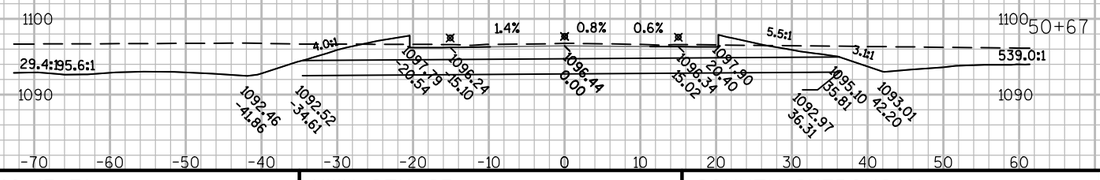
WISDOT/CADDS SHEET 49



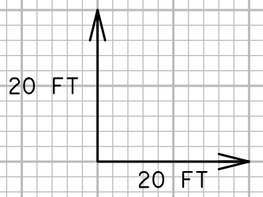








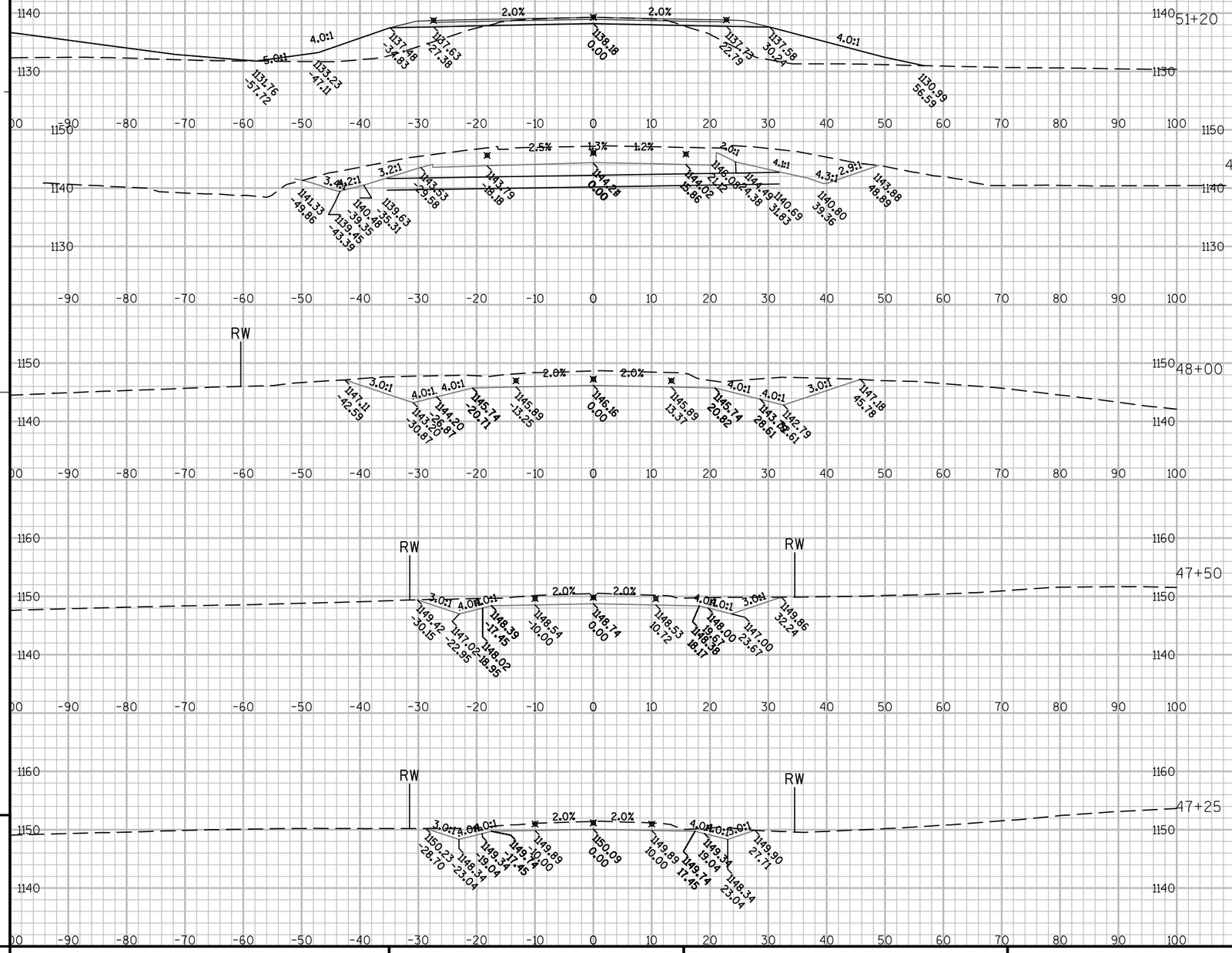
CROSS SECTION IS CUT AT 3 DEGREE SKEW



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CASTLE ROCK CT	SHEET 655	E

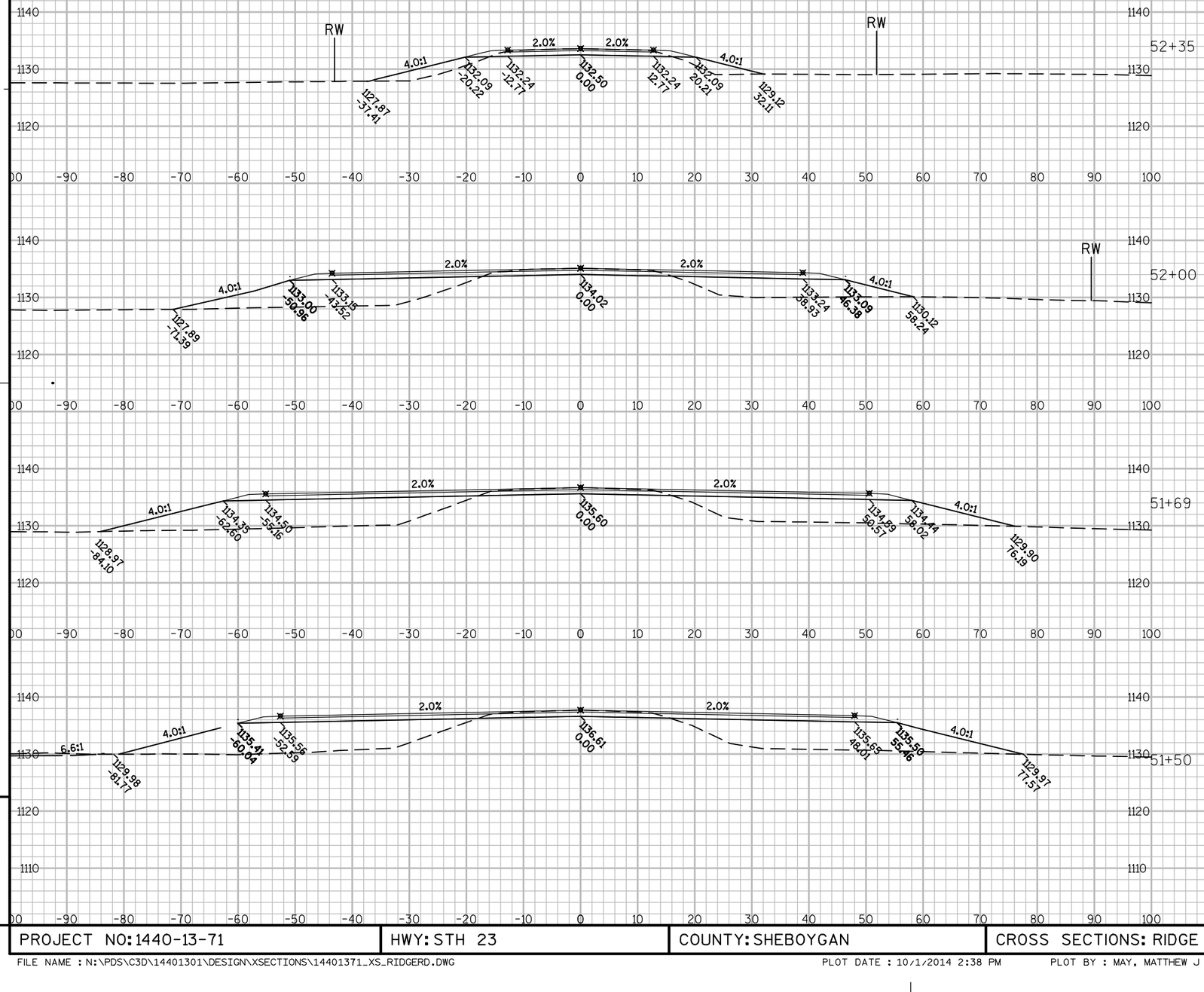
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WISDOT/CADDS SHEET 49



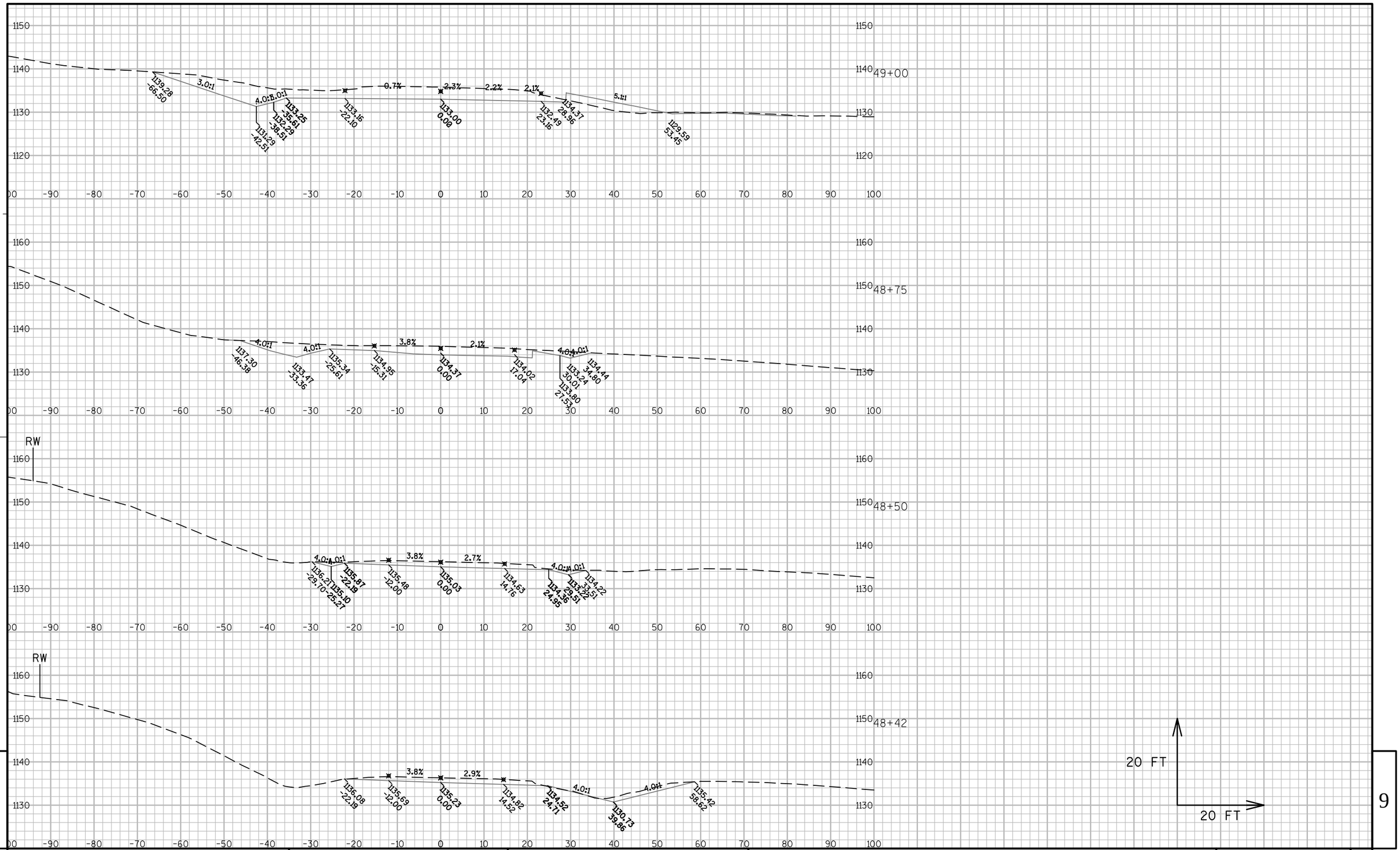
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: RIDGE RD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_RIDGERD.DWG PLOT DATE : 10/1/2014 2:38 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



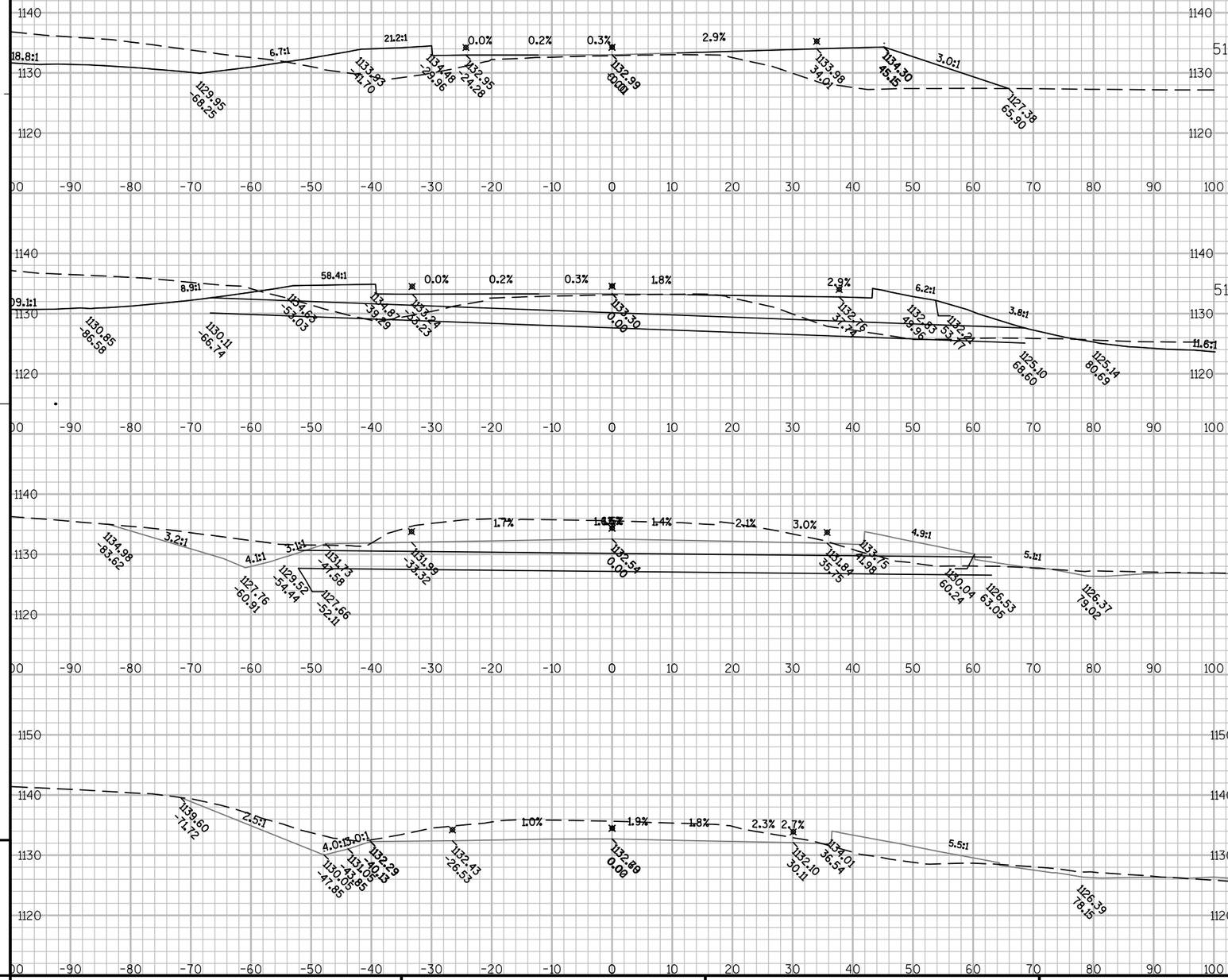
9	PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: RIDGE RD	SHEET E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_RIDGERD.DWG PLOT DATE : 10/1/2014 2:38 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



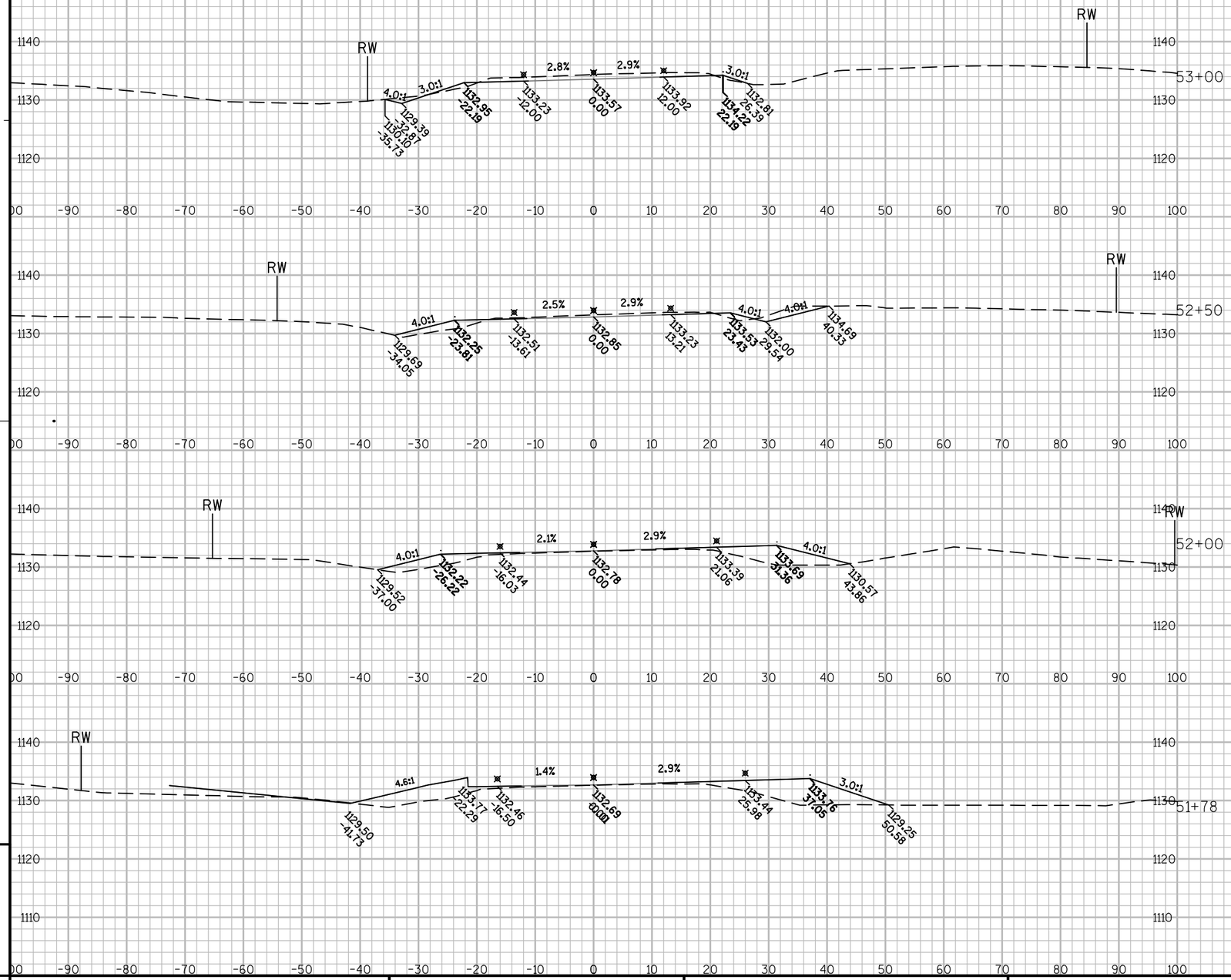
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH S	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_CTHS.DWG PLOT DATE : 10/1/2014 2:15 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH S	SHEET	E

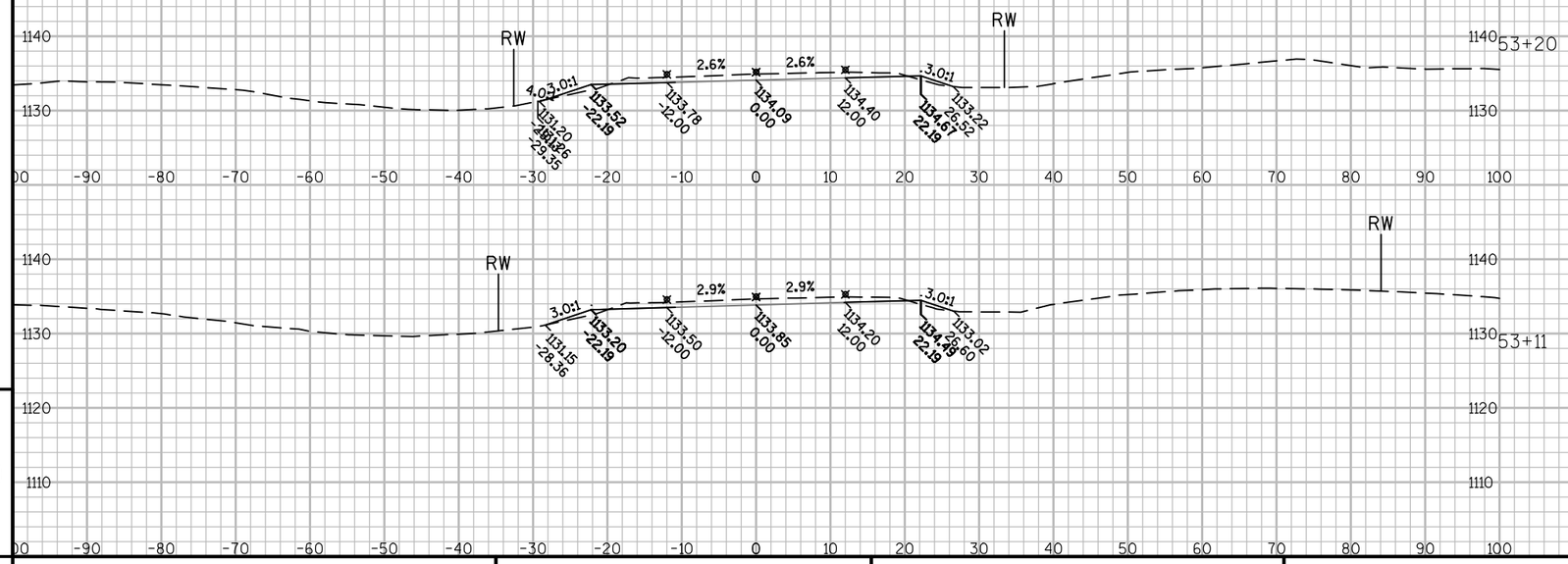
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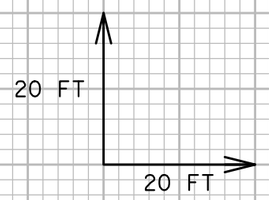


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: CTH S	SHEET 660	E

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WISDOT/CADDS SHEET 49



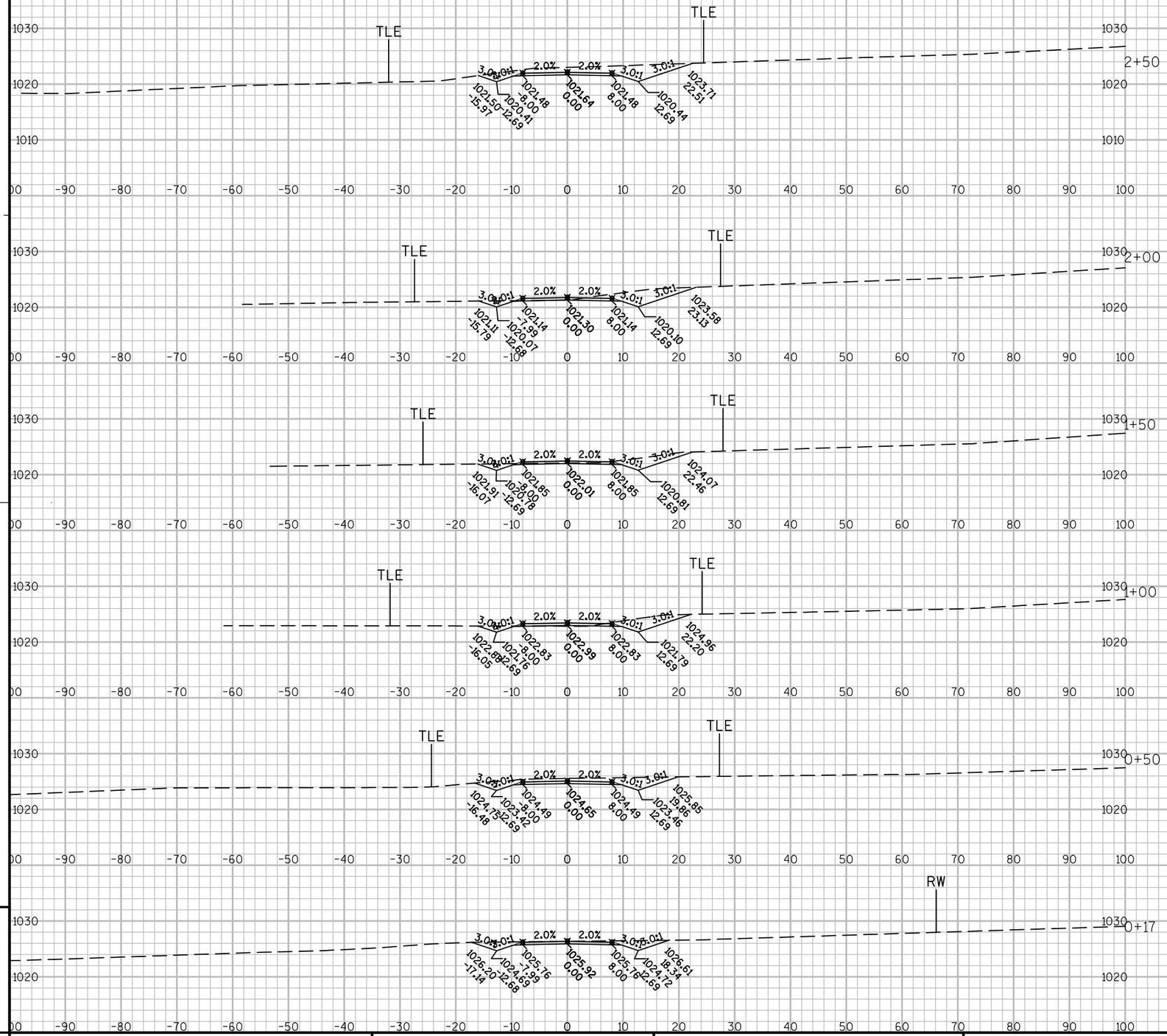


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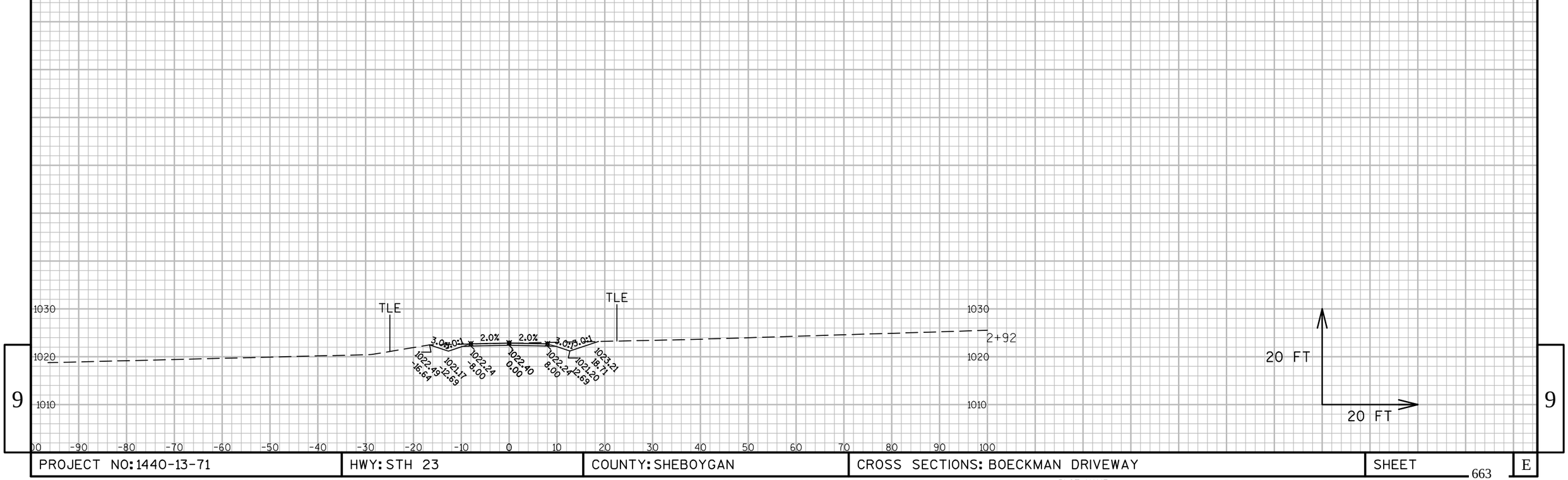
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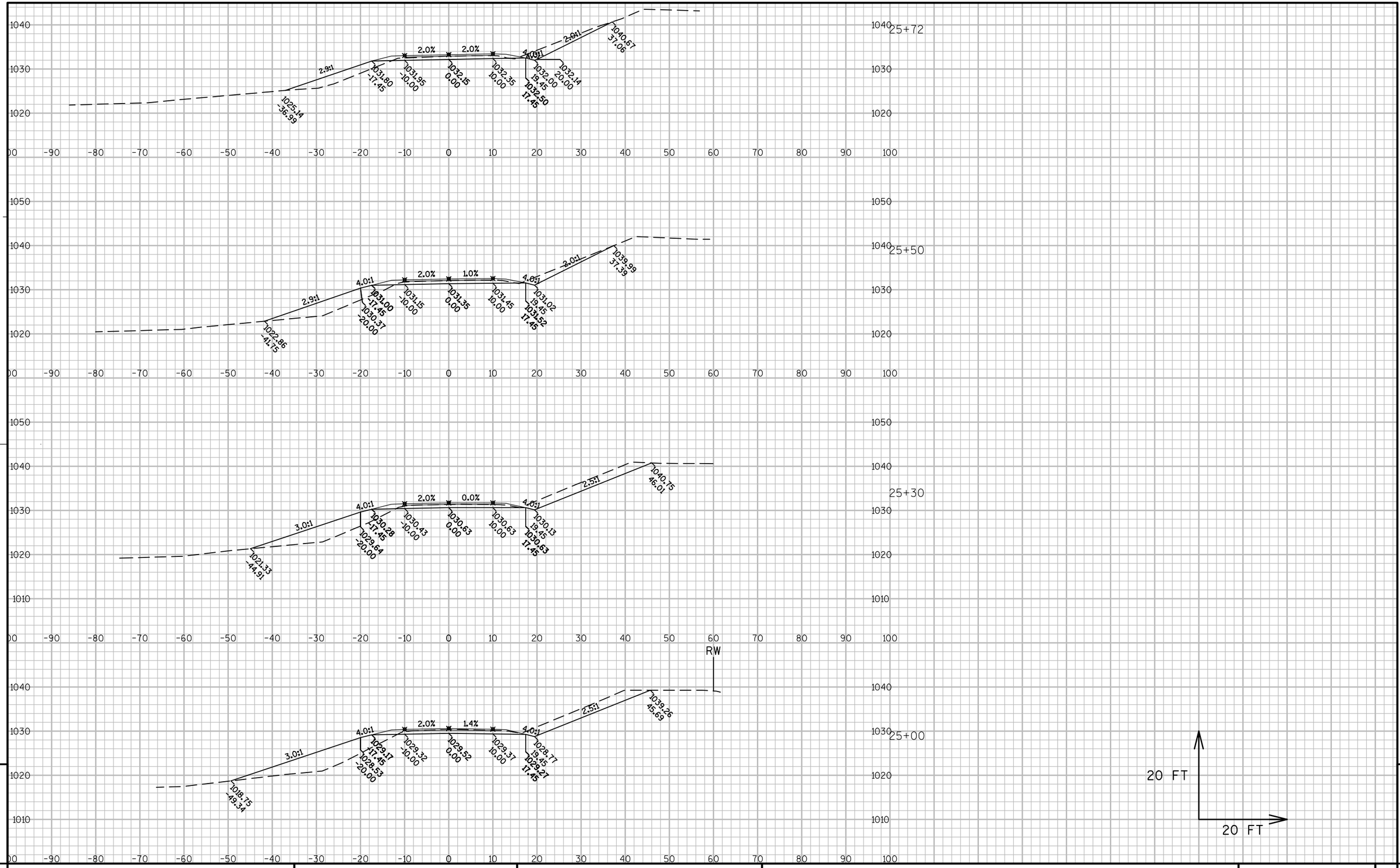
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FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_BOECKMANDVWY.DWG PLOT DATE : 10/1/2014 1:53 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: BOECKMAN DRIVEWAY	SHEET	E

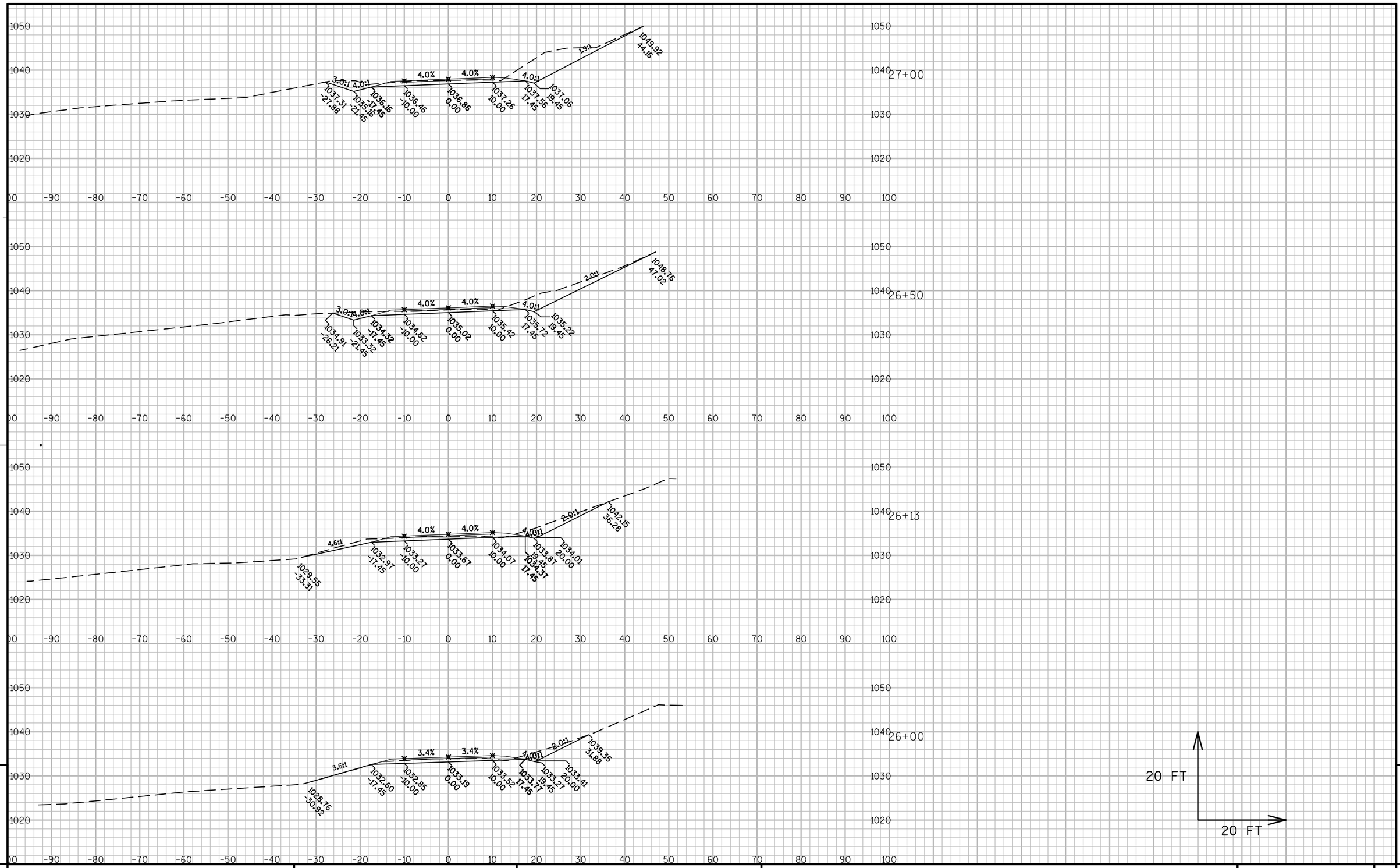
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SANDSTONE	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_SANDSTONE.DWG PLOT DATE : 10/1/2014 2:40 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

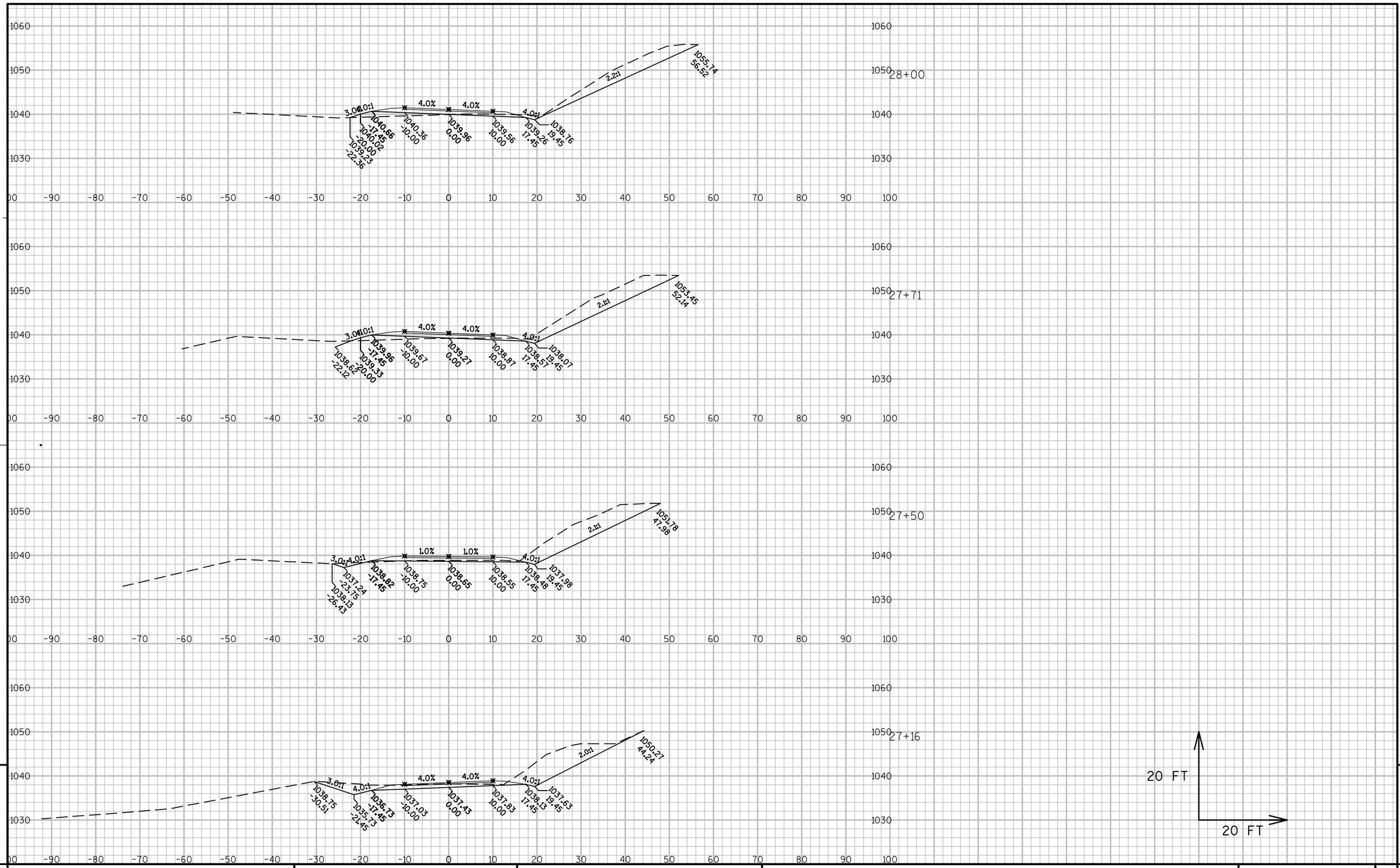


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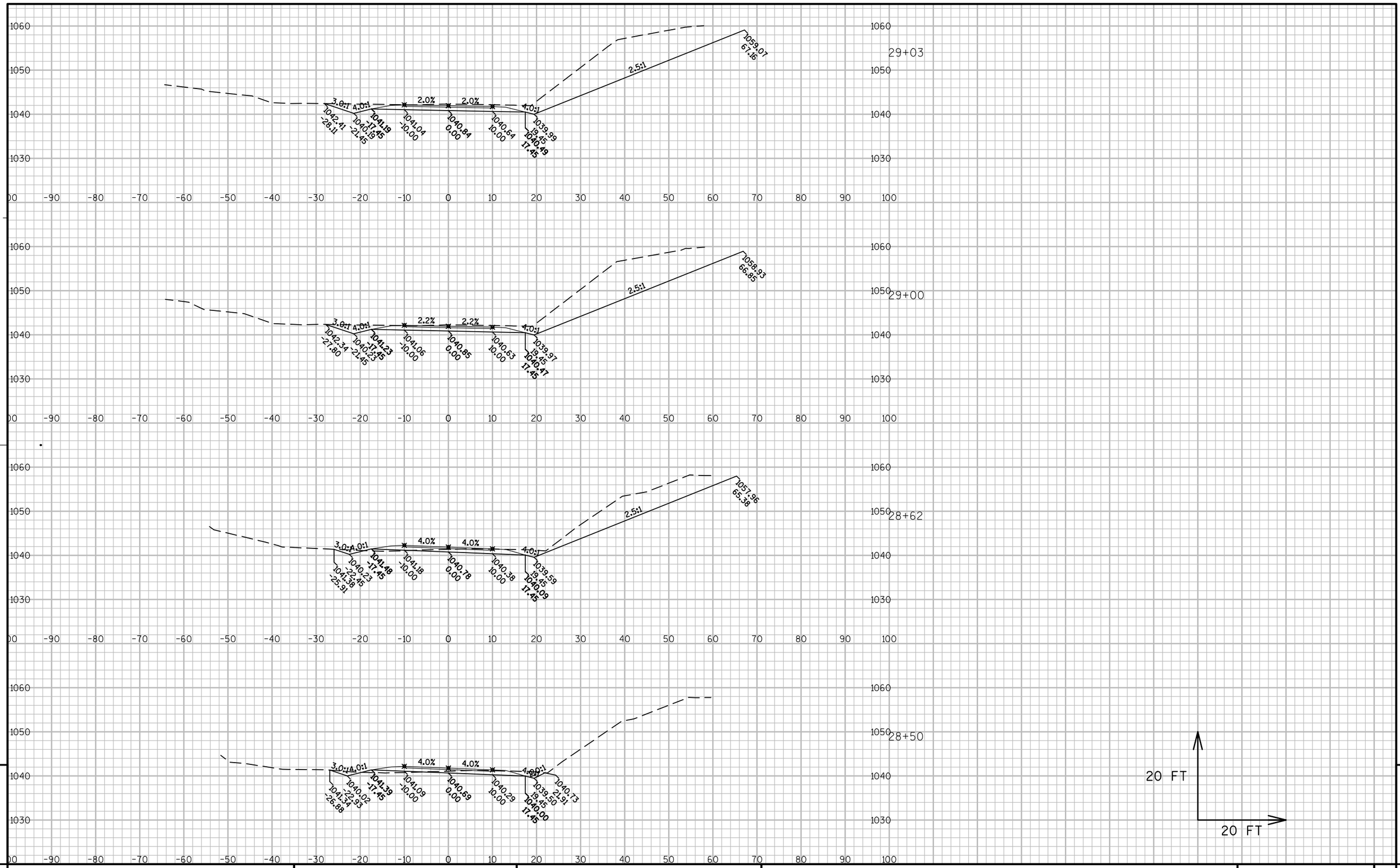
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SANDSTONE	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_SANDSTONE.DWG PLOT DATE : 10/1/2014 2:41 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



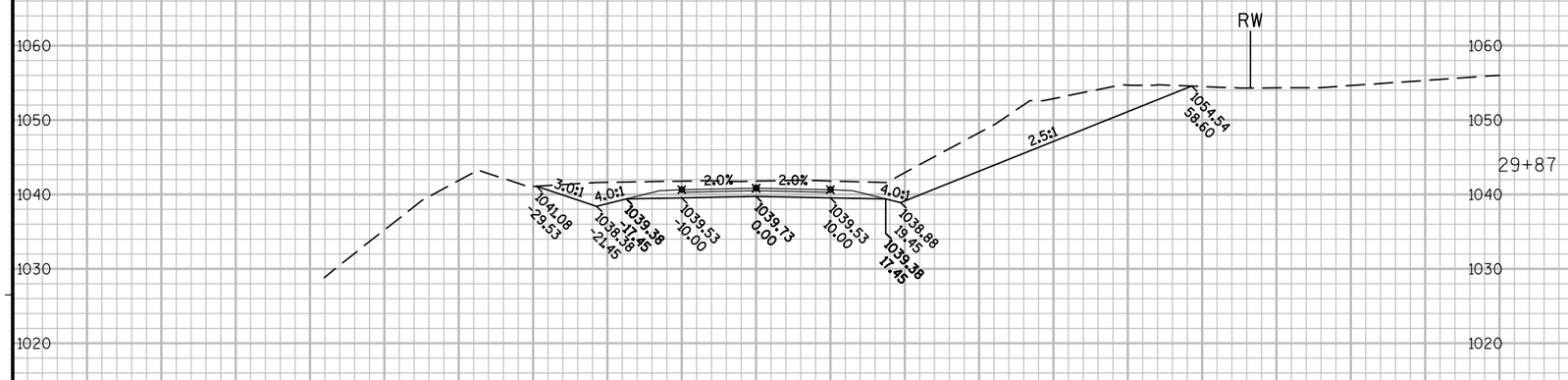
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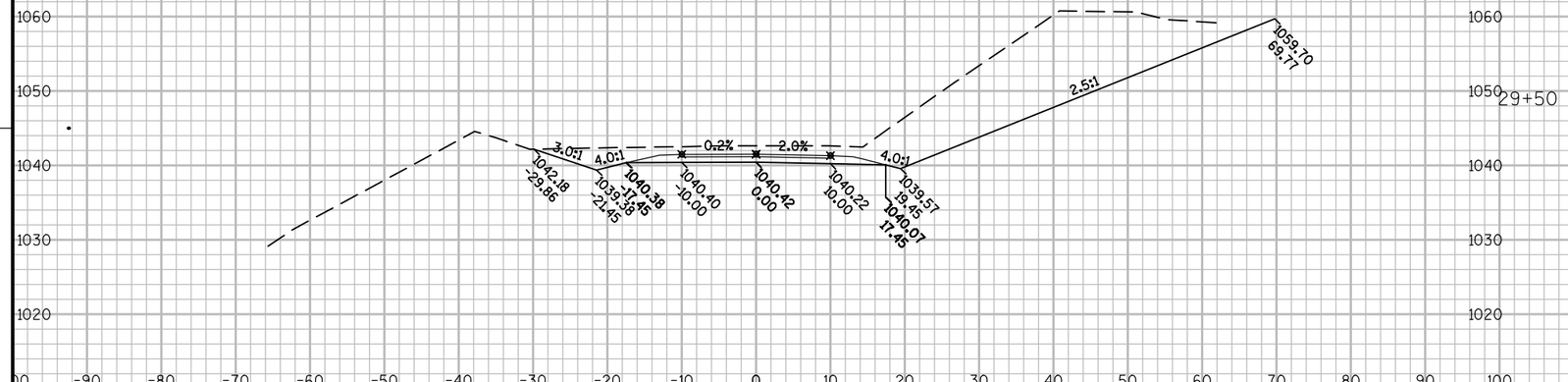
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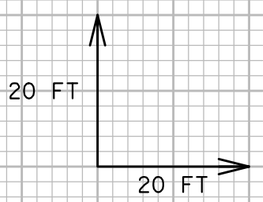
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SANDSTONE	SHEET E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_SANDSTONE.DWG PLOT DATE : 10/1/2014 2:41 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



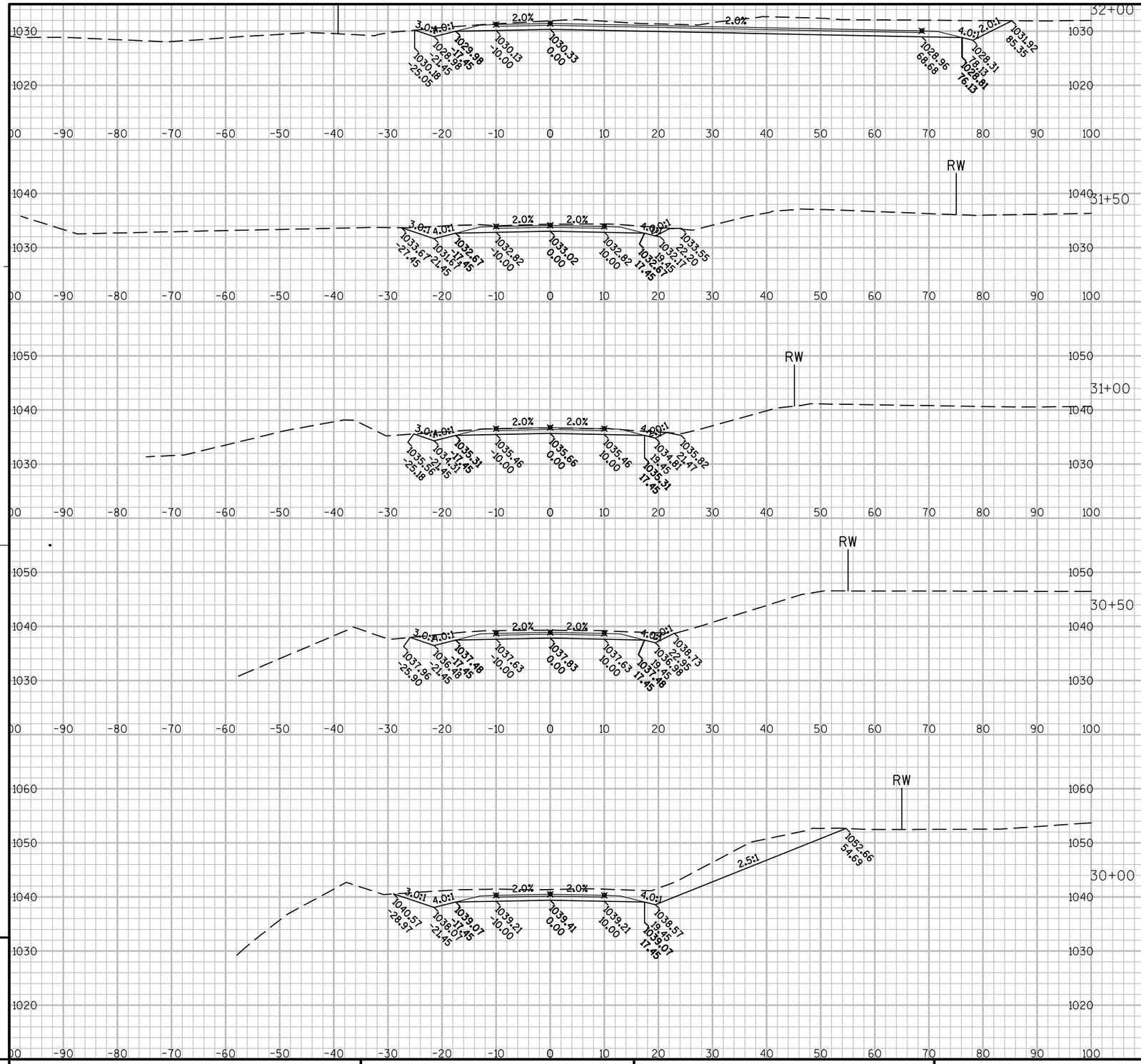






PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SANDSTONE	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_SANDSTONE.DWG PLOT DATE : 10/1/2014 2:41 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

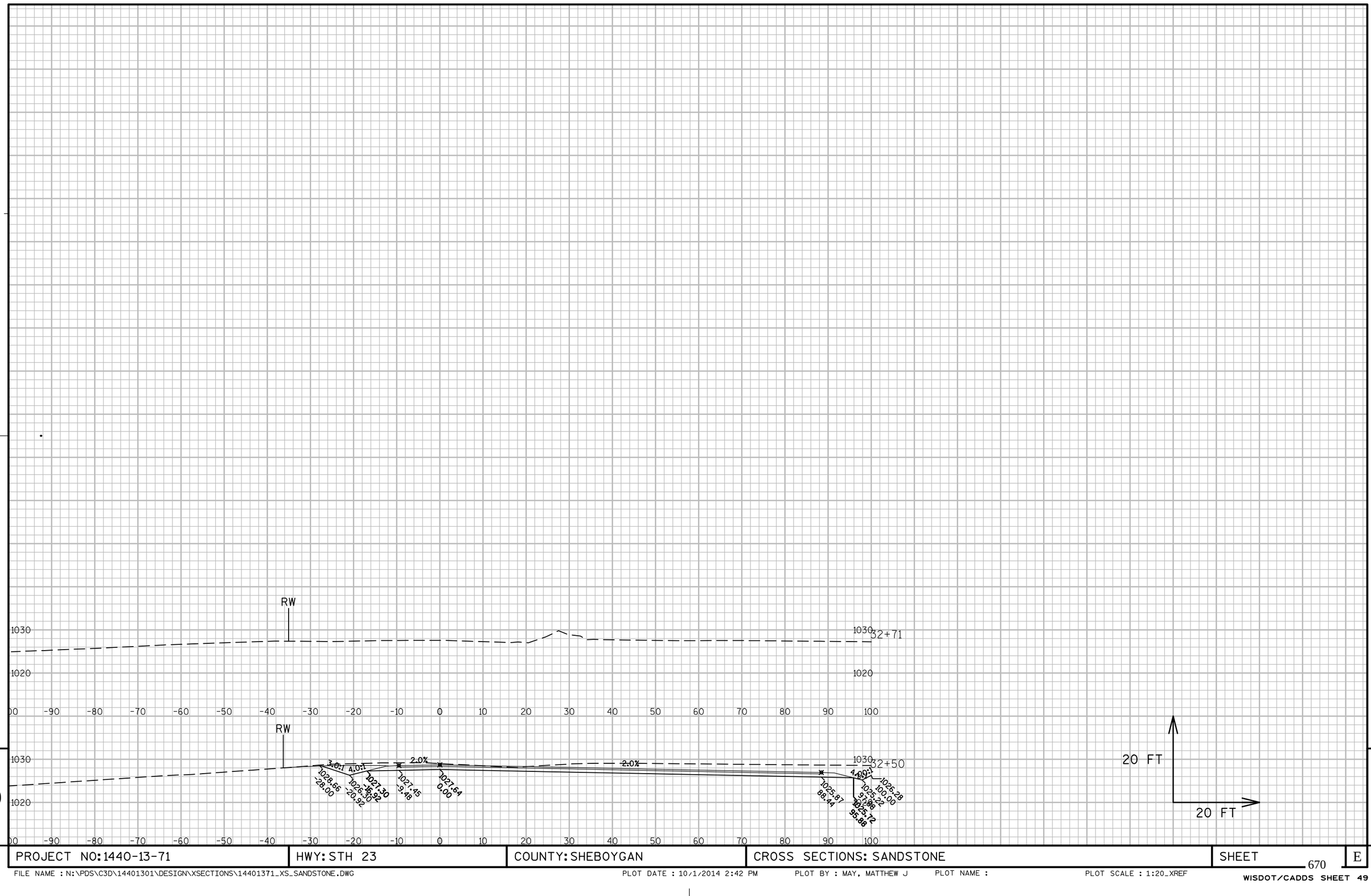


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SANDSTONE	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_SANDSTONE.DWG PLOT DATE : 10/1/2014 2:41 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

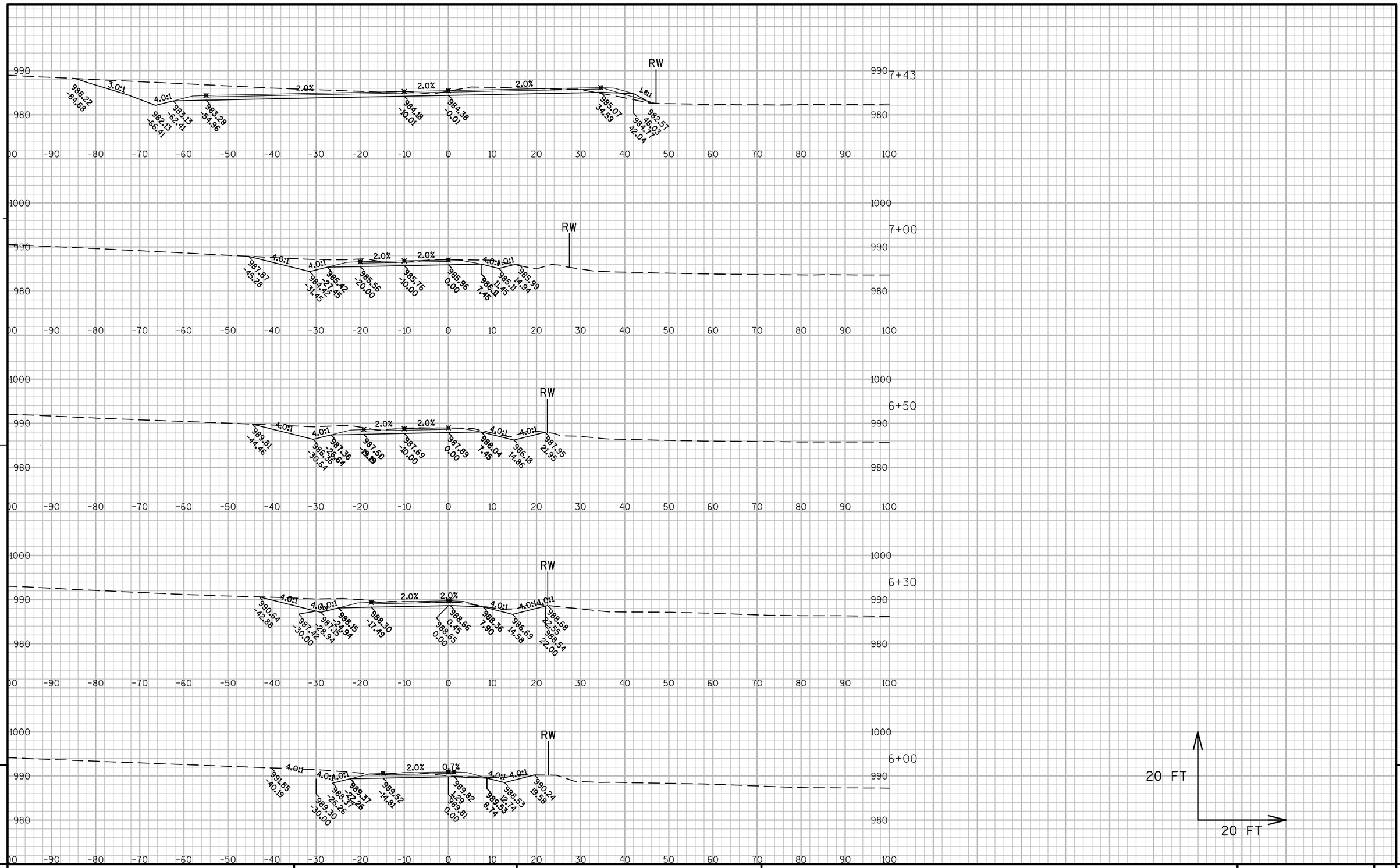


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: SANDSTONE	SHEET 670	E

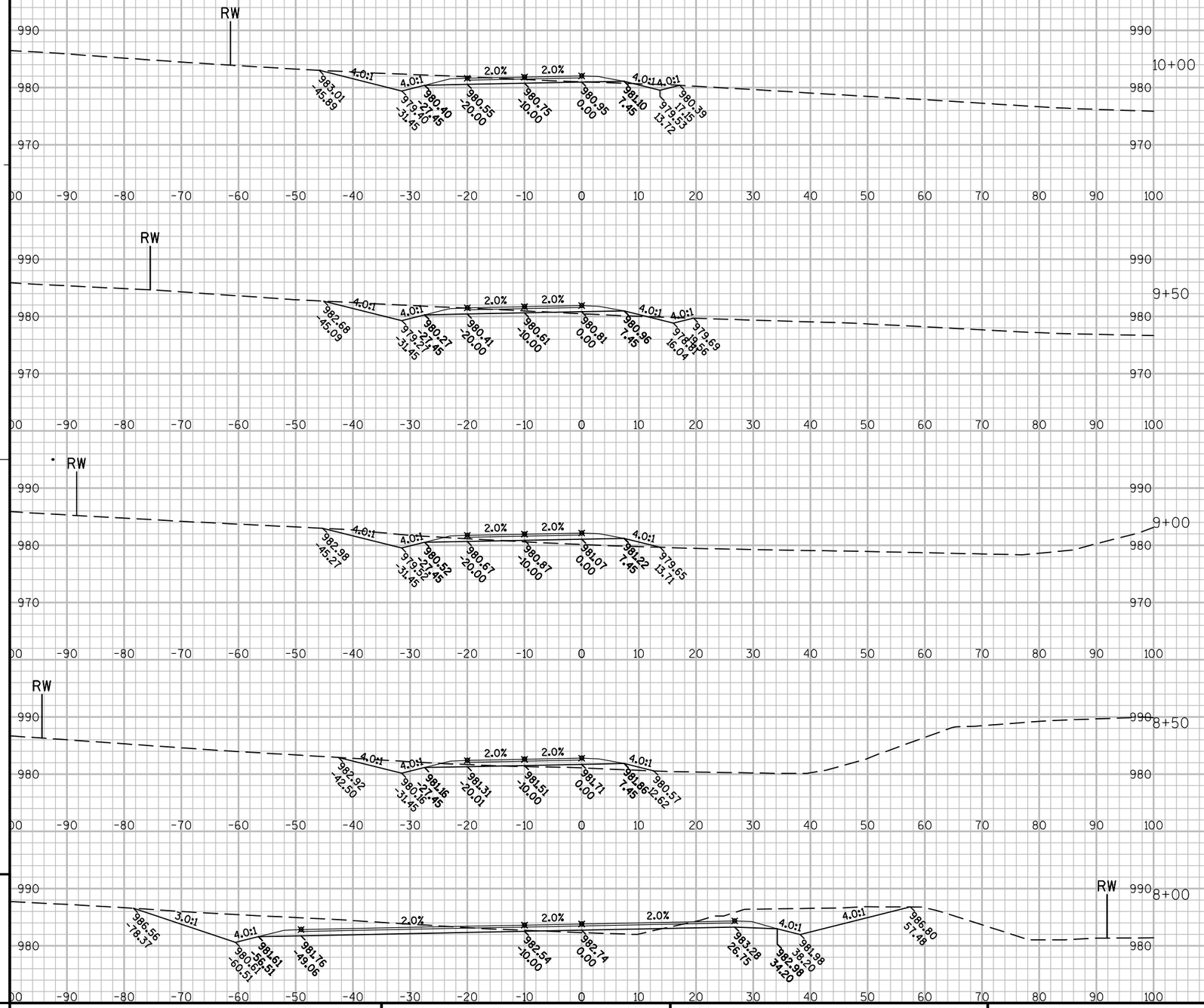
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: TWINKLE RD	SHEET 671	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_TWINKLE.DWG PLOT DATE : 10/1/2014 2:54 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

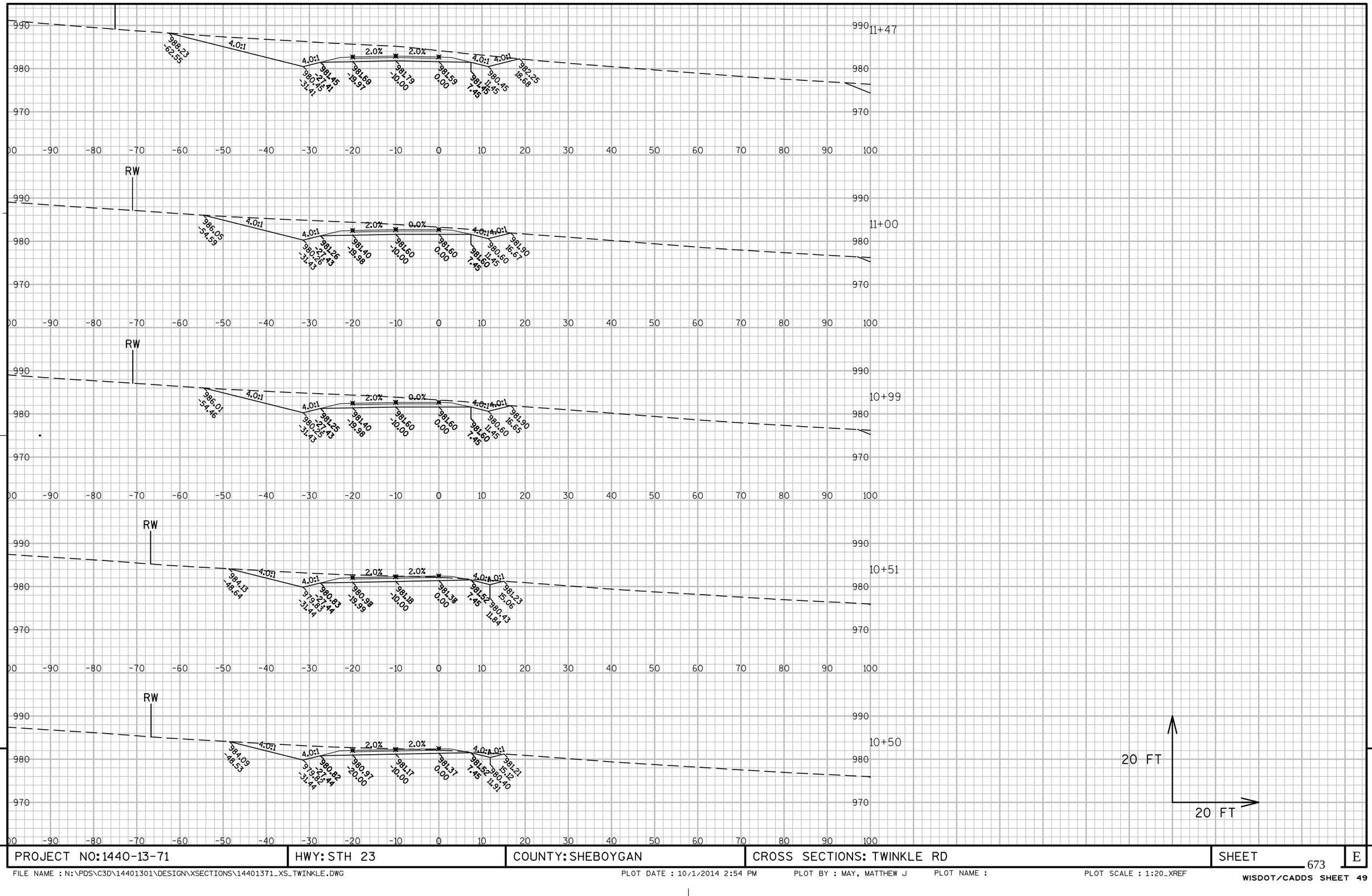
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: TWINKLE RD	SHEET	E

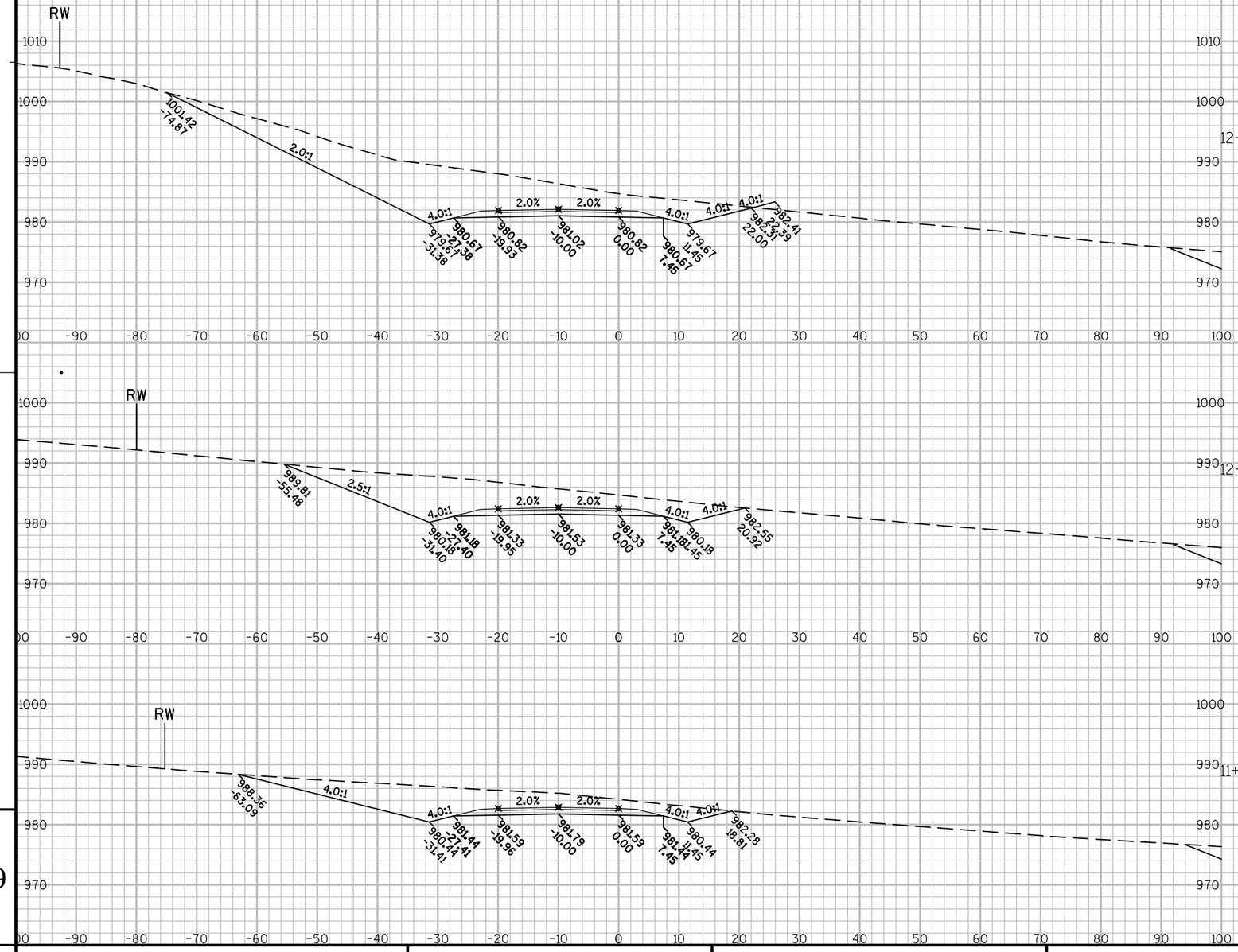
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WISDOT/CADDS SHEET 49



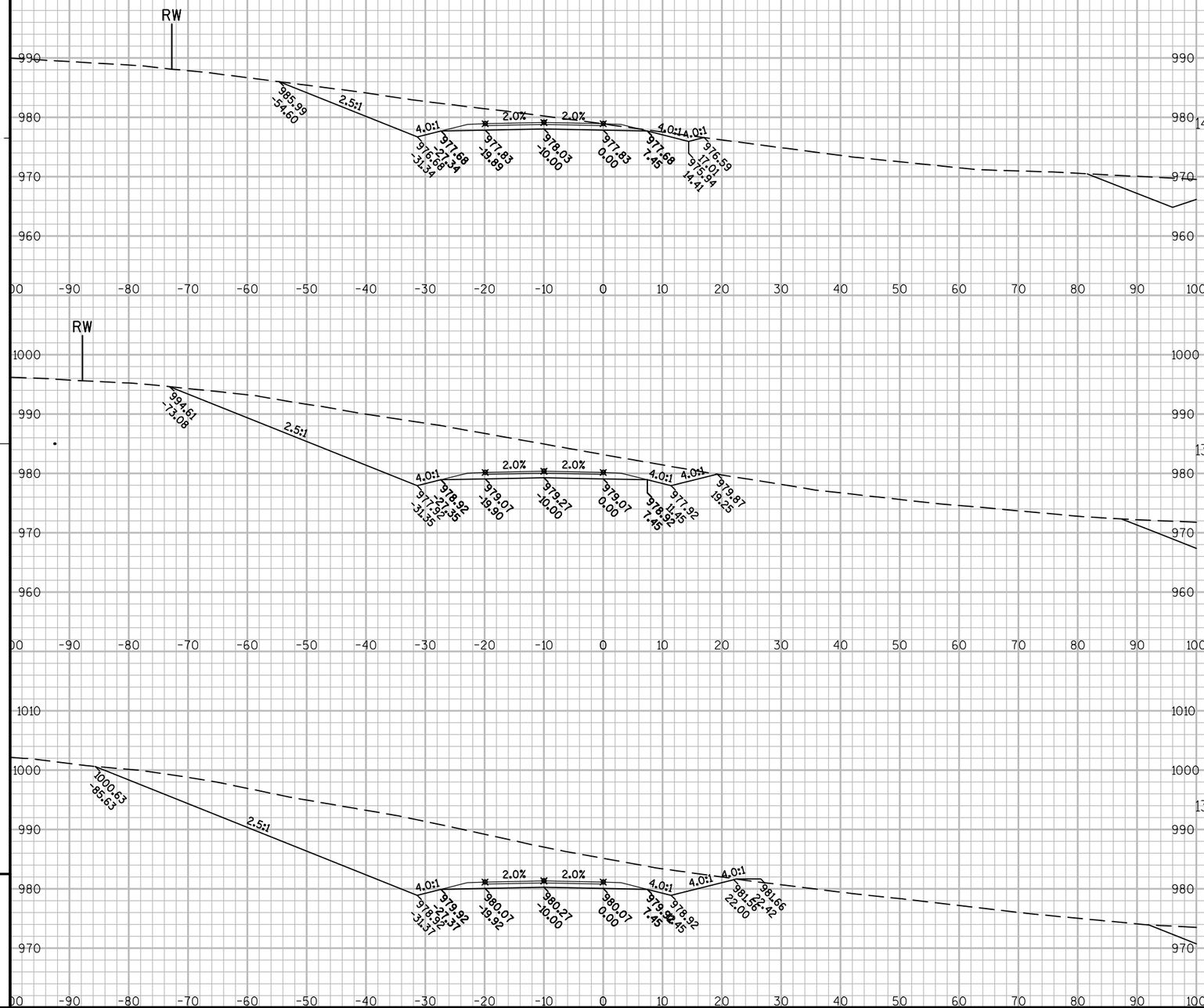
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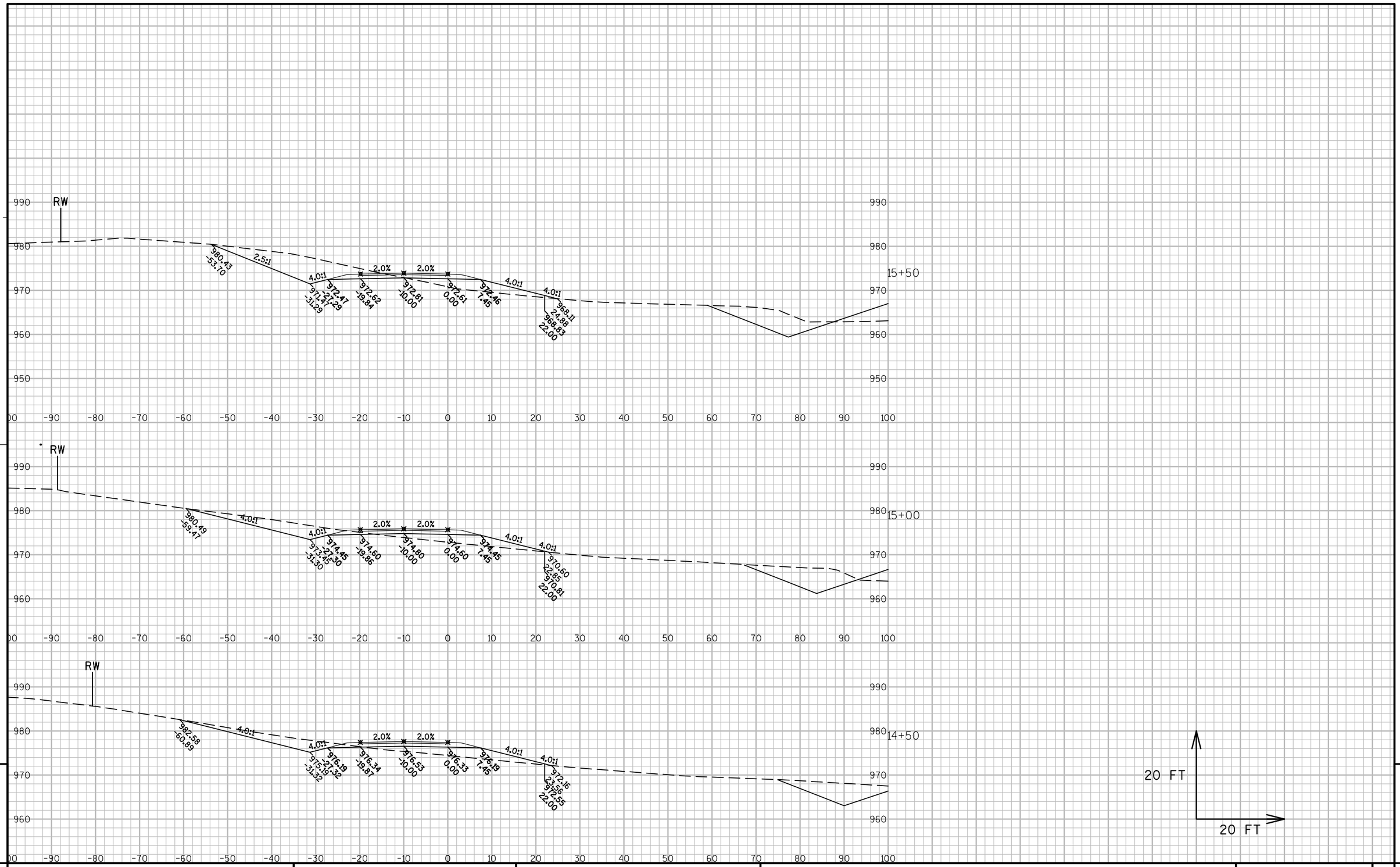
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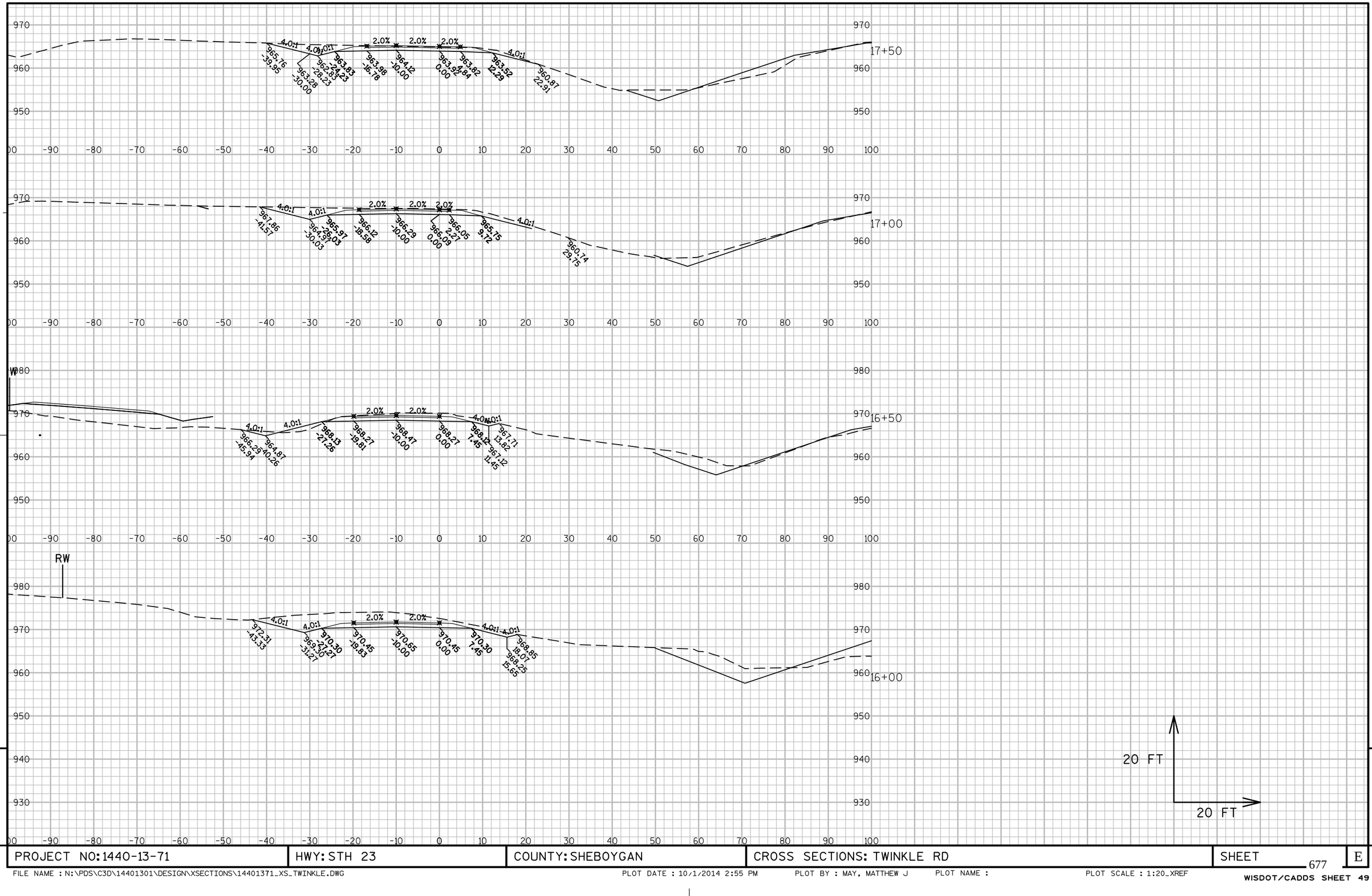


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: TWINKLE RD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_TWINKLE.DWG PLOT DATE : 10/1/2014 2:55 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: TWINKLE RD	SHEET	E

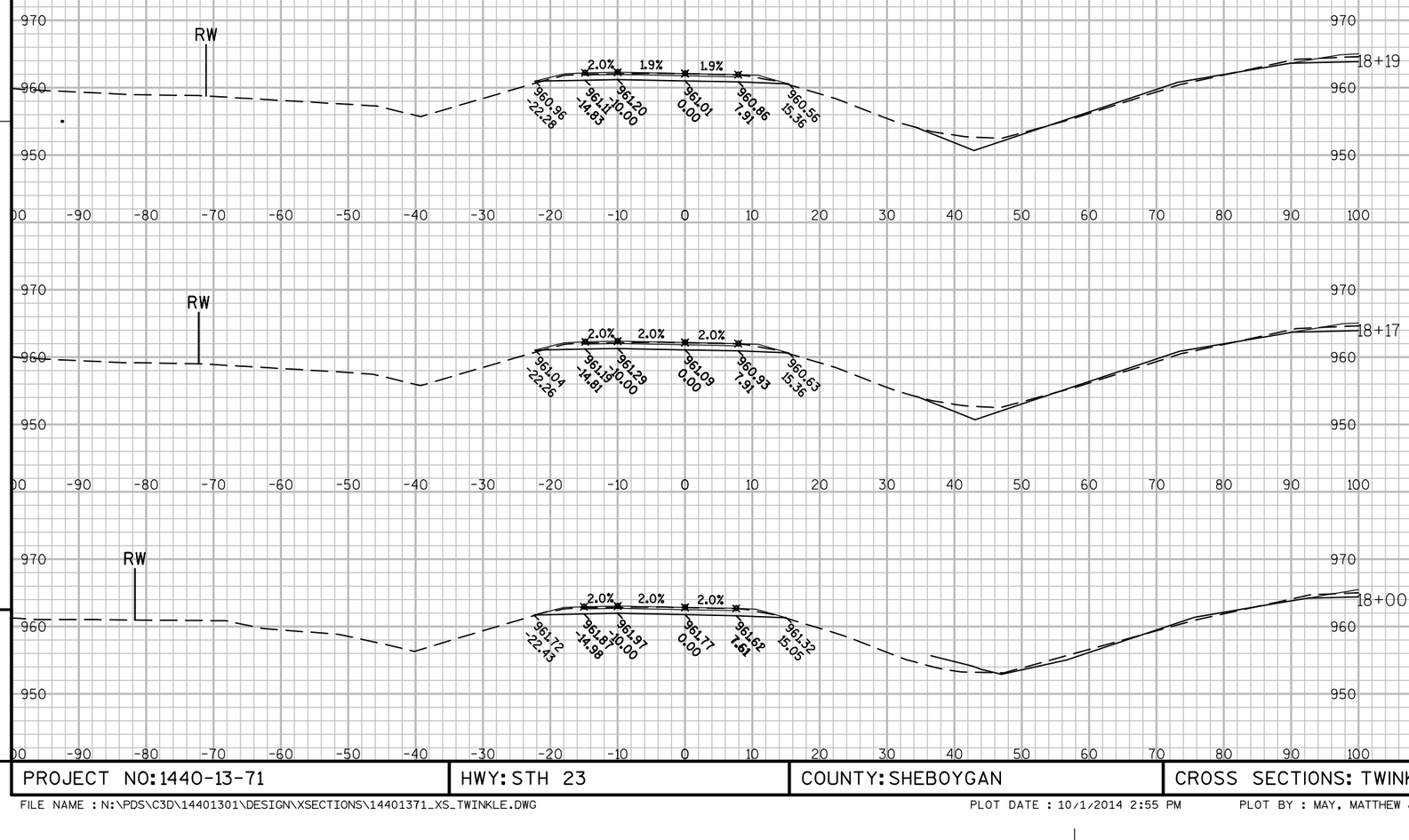


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: TWINKLE RD	SHEET 677	E

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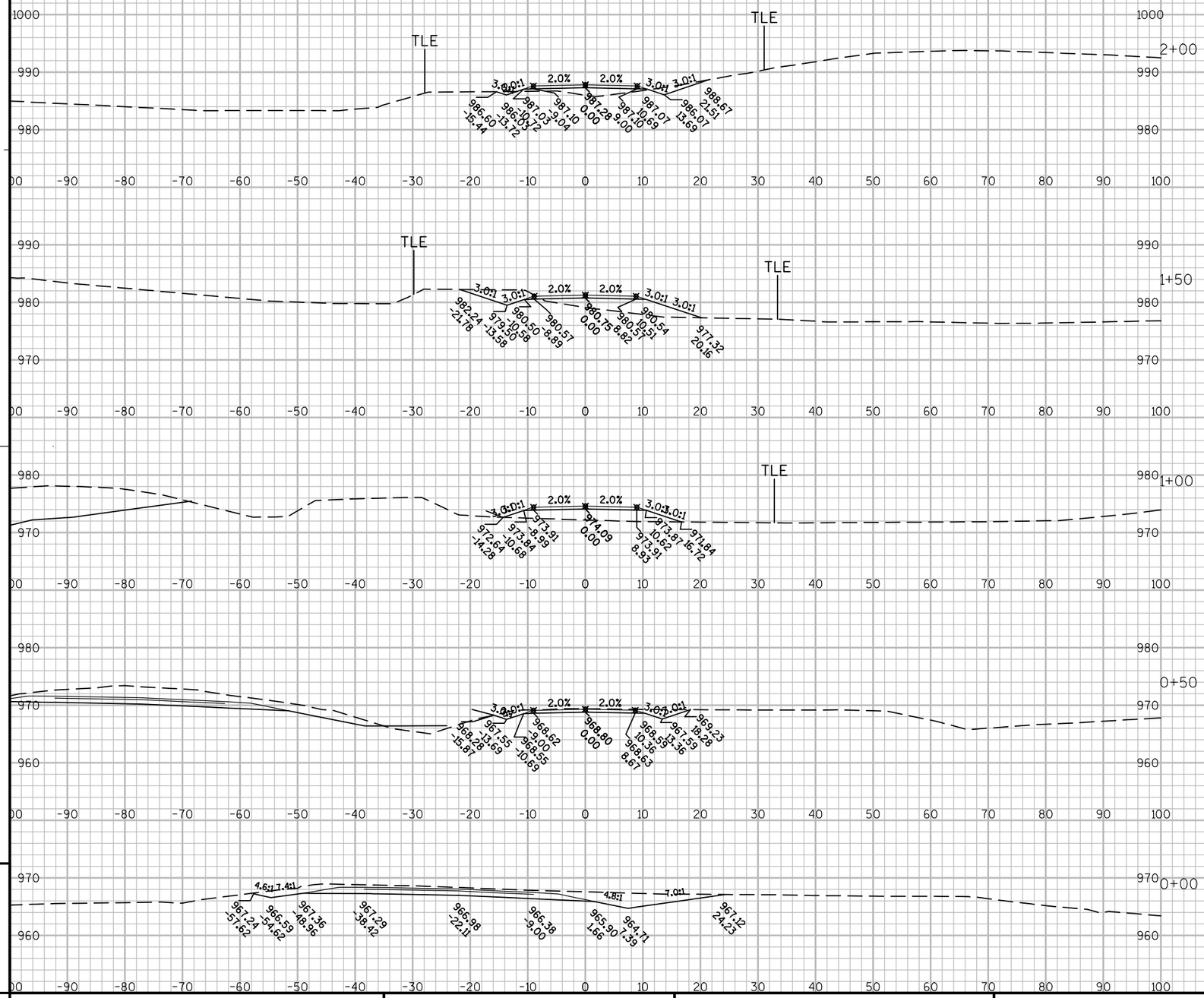


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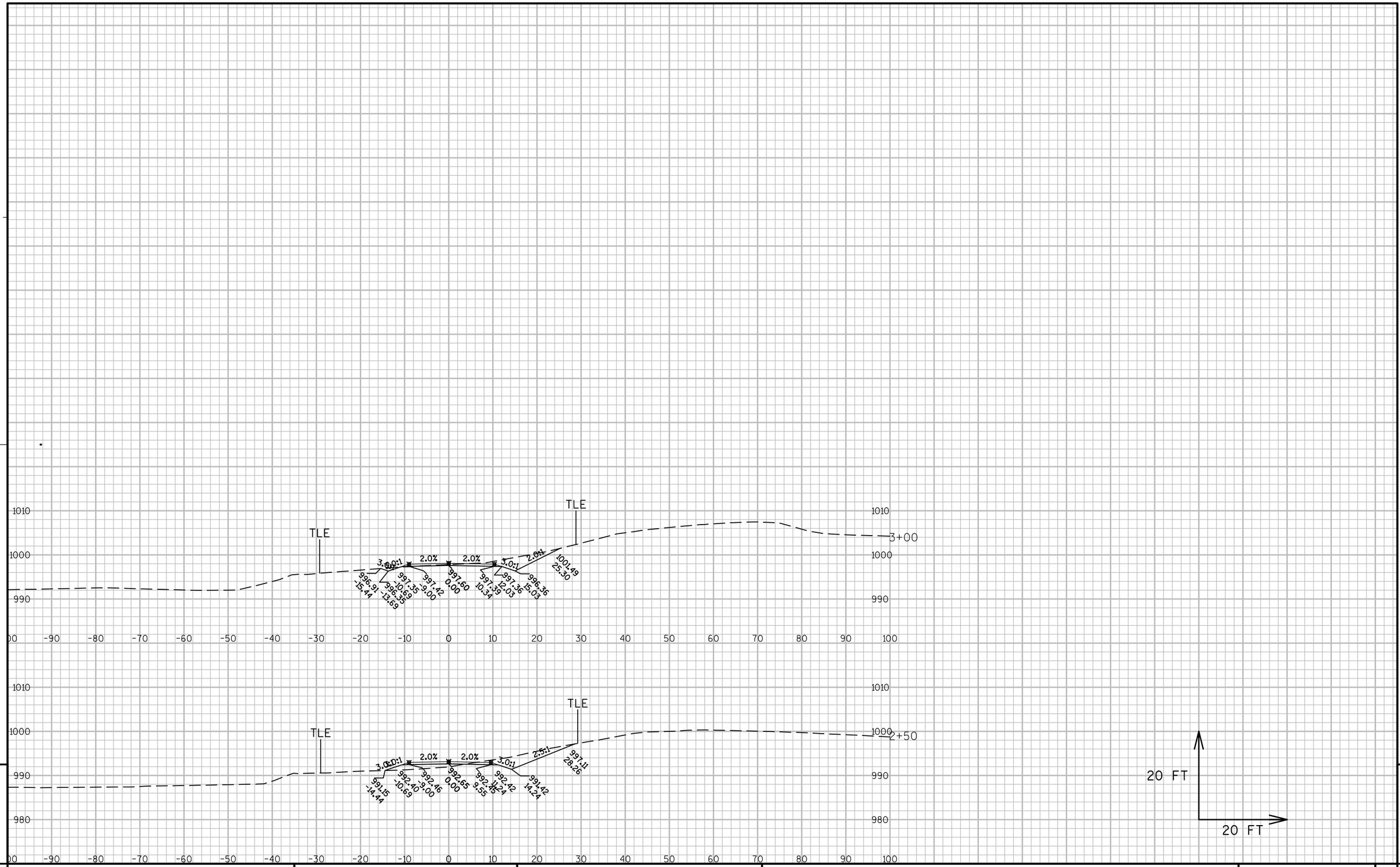
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: TWINKLE RD	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_TWINKLE.DWG PLOT DATE : 10/1/2014 2:55 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: JOCHMAN DRIVEWAY	SHEET E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_JOCHMANDVWY.DWG PLOT DATE : 10/1/2014 2:30 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

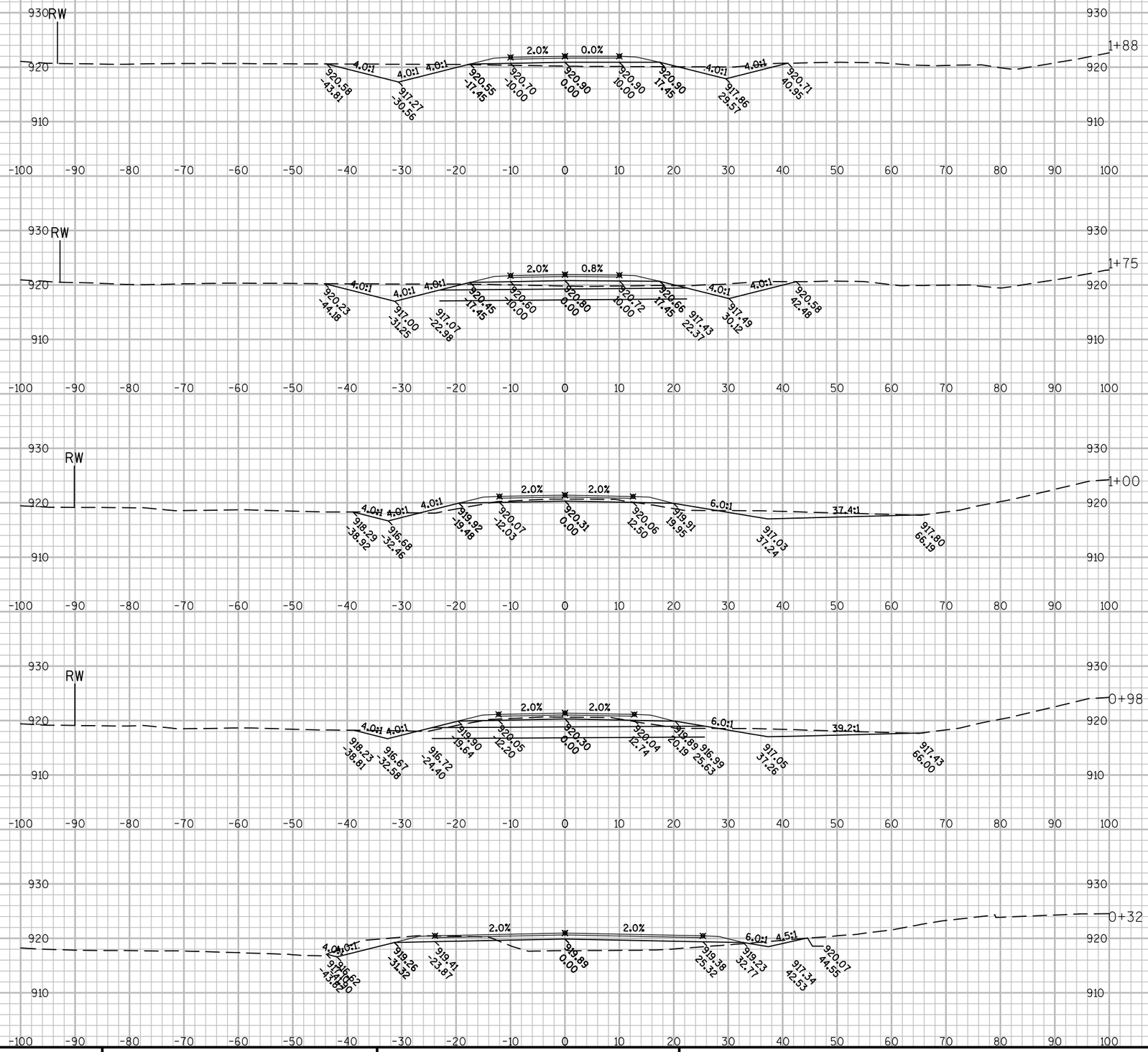


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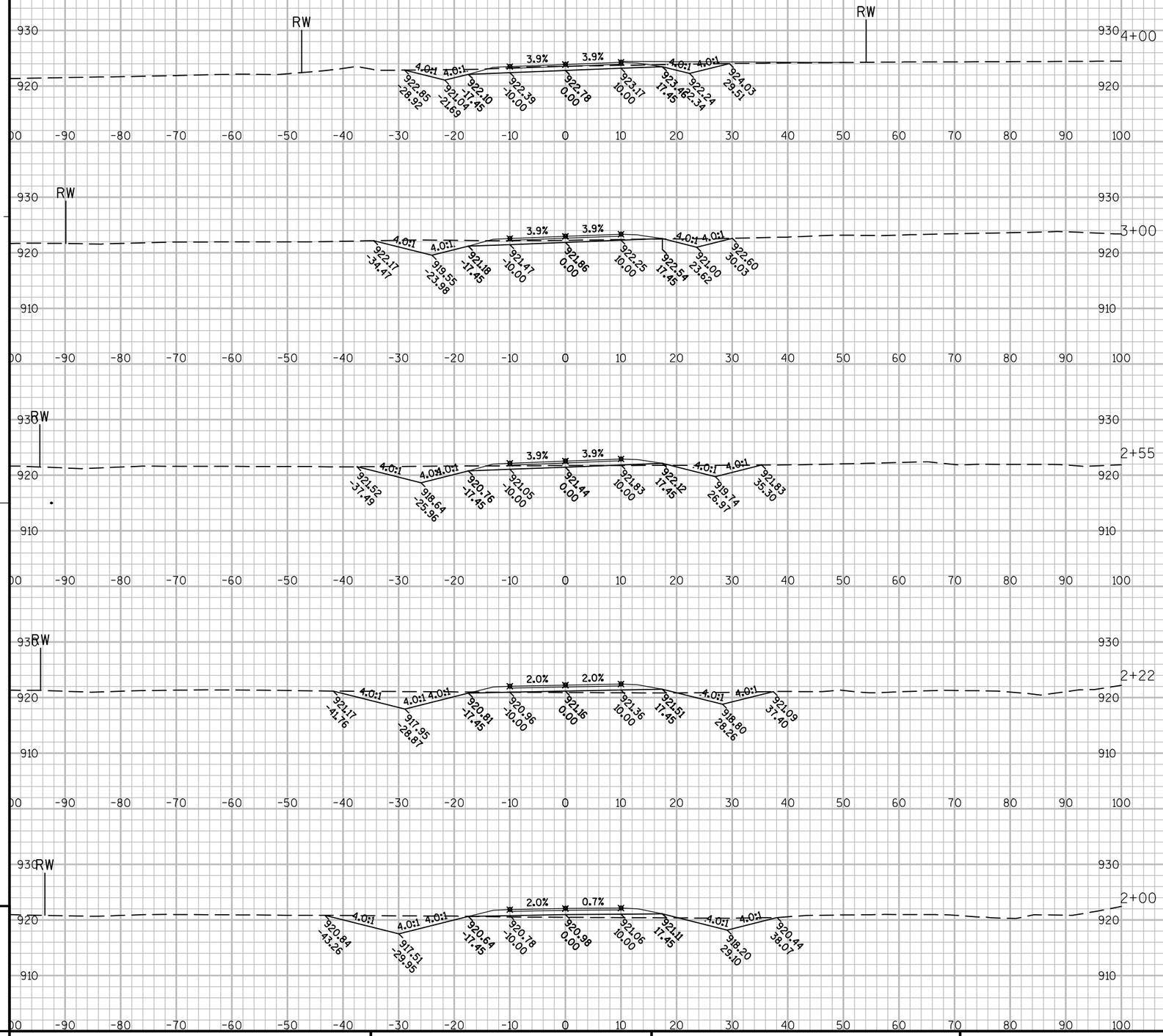
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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: JOCHMAN DRIVEWAY	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_JOCHMANDVWY.DWG PLOT DATE : 10/1/2014 2:30 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: INEZ-BRANCH	SHEET 681	E

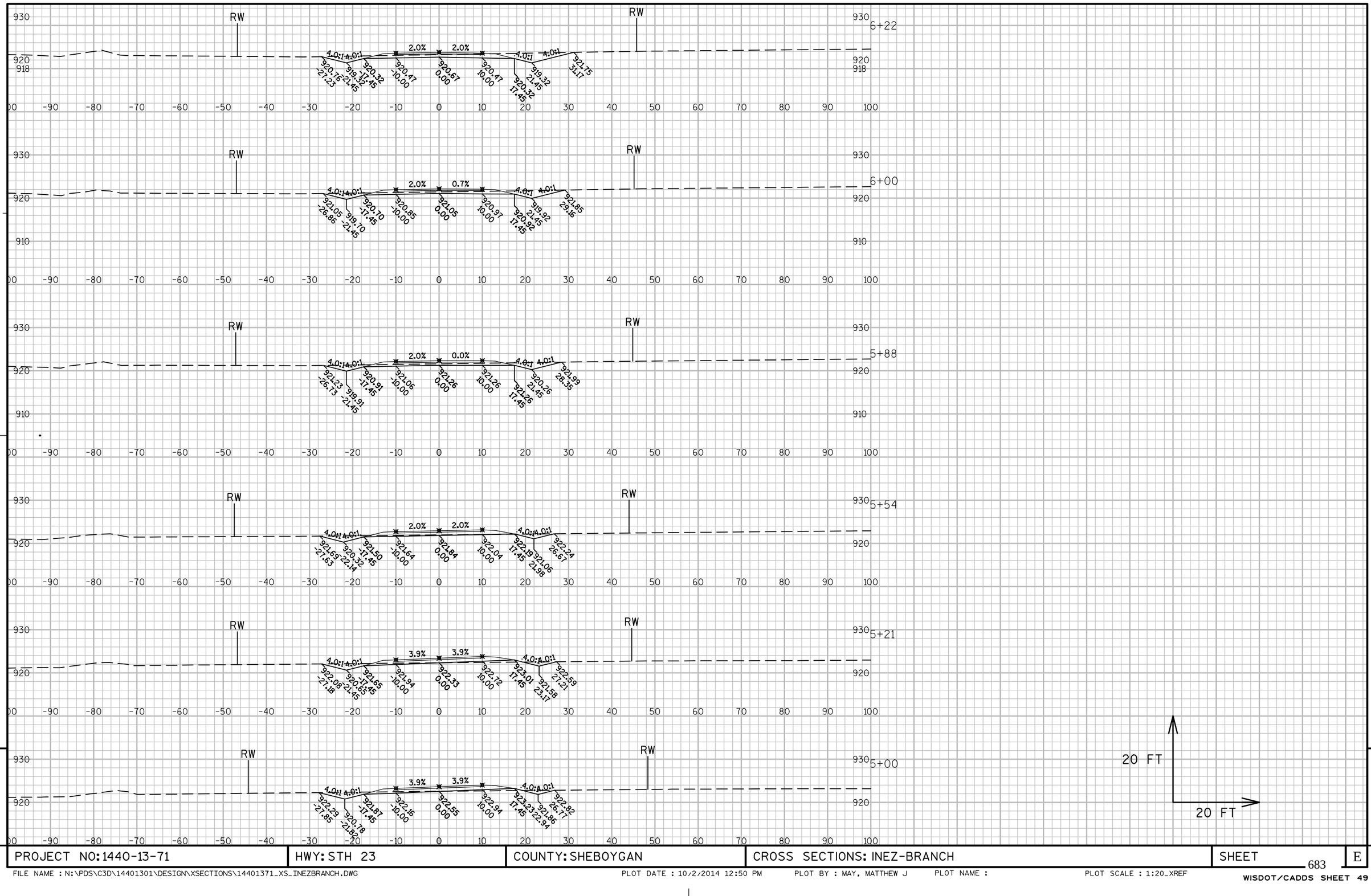


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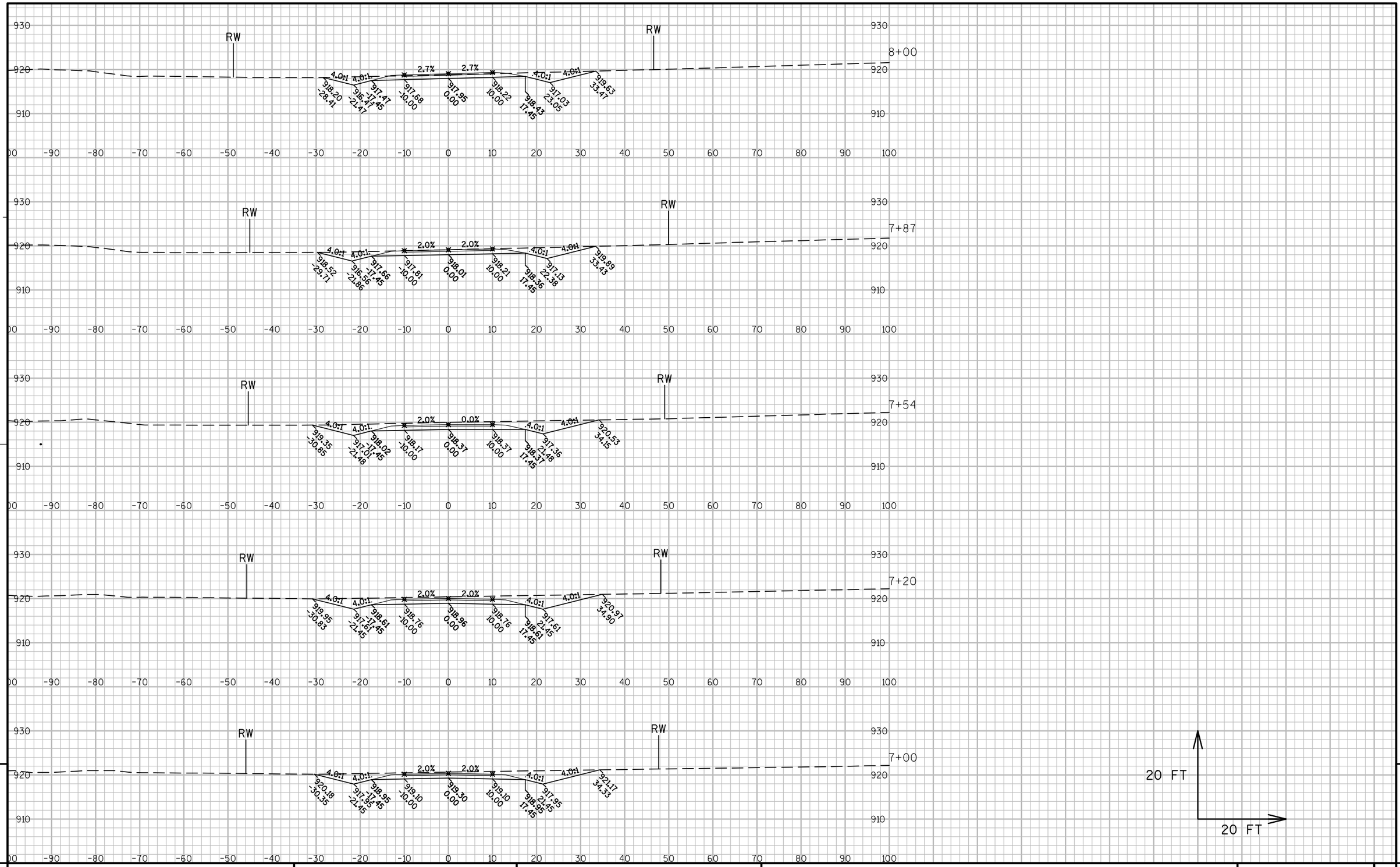
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: INEZ-BRANCH	SHEET	E

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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: INEZ-BRANCH	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_INEZBRANCH.DWG PLOT DATE : 10/2/2014 12:50 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

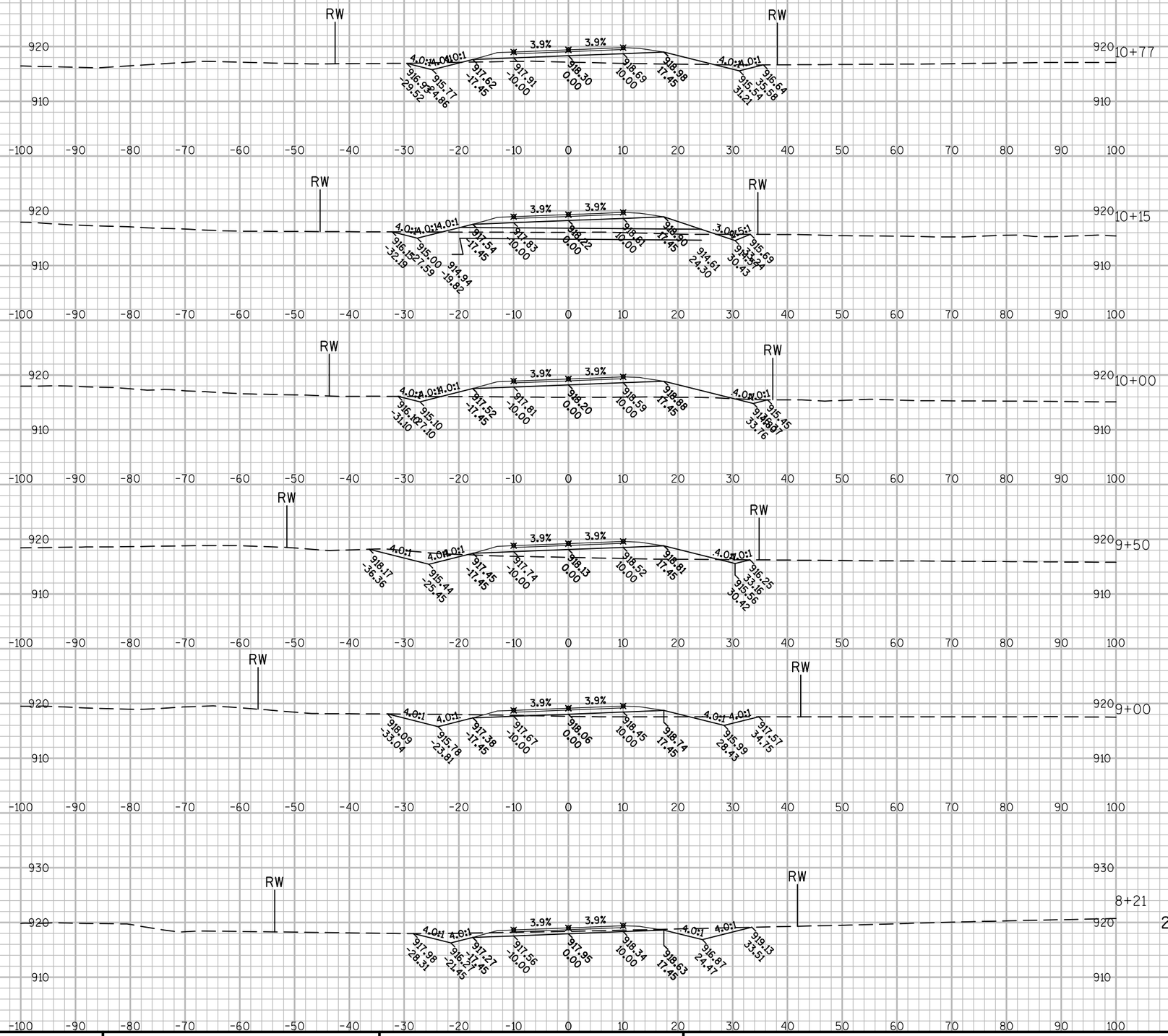


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: INEZ-BRANCH	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_INEZBRANCH.DWG PLOT DATE : 10/2/2014 12:50 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



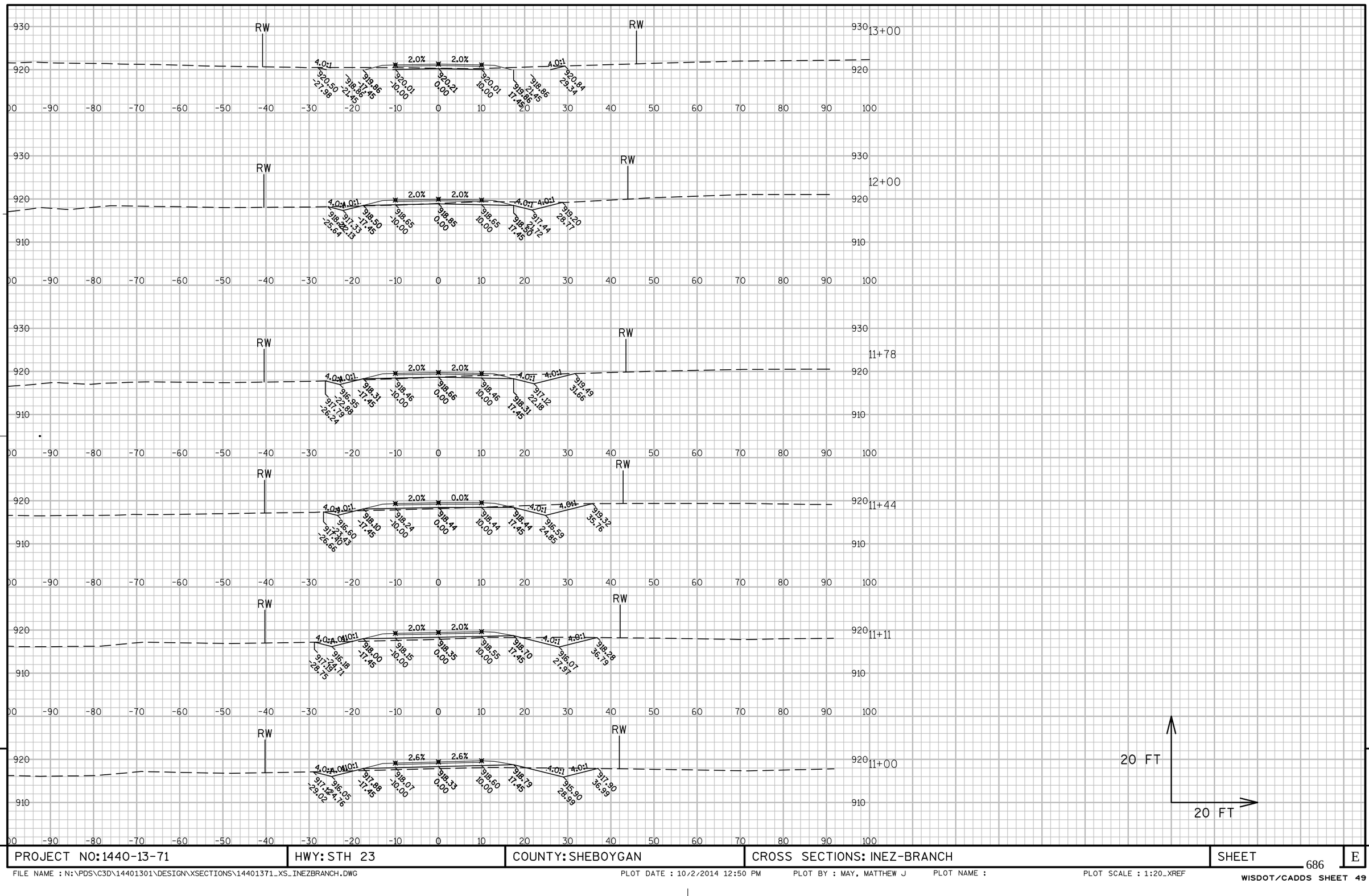
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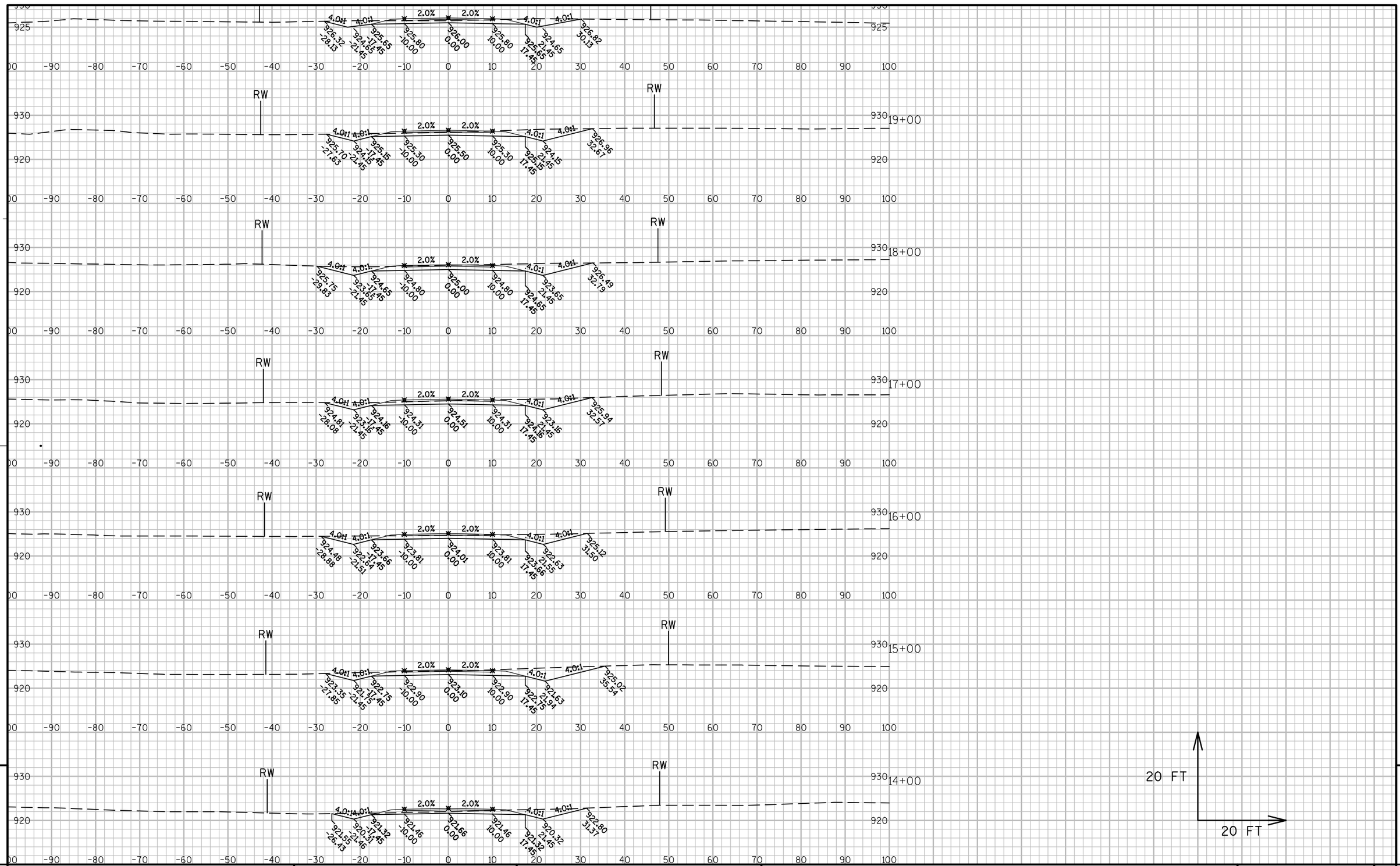
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: INEZ-BRANCH	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_INEZBRANCH.DWG PLOT DATE : 10/2/2014 12:50 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: INEZ-BRANCH	SHEET	E

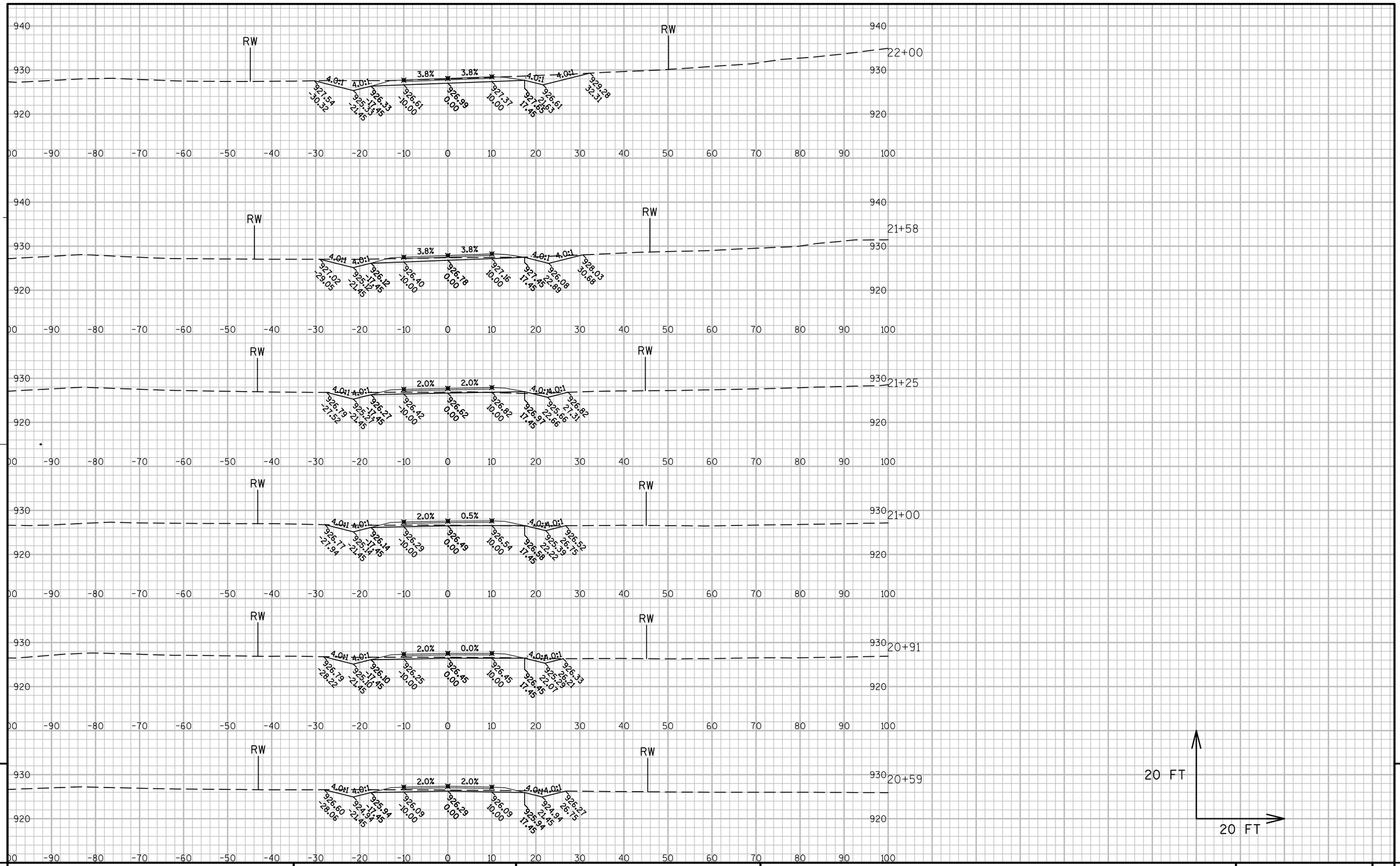


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PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: INEZ-BRANCH	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_INEZBRANCH.DWG PLOT DATE : 10/2/2014 12:51 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

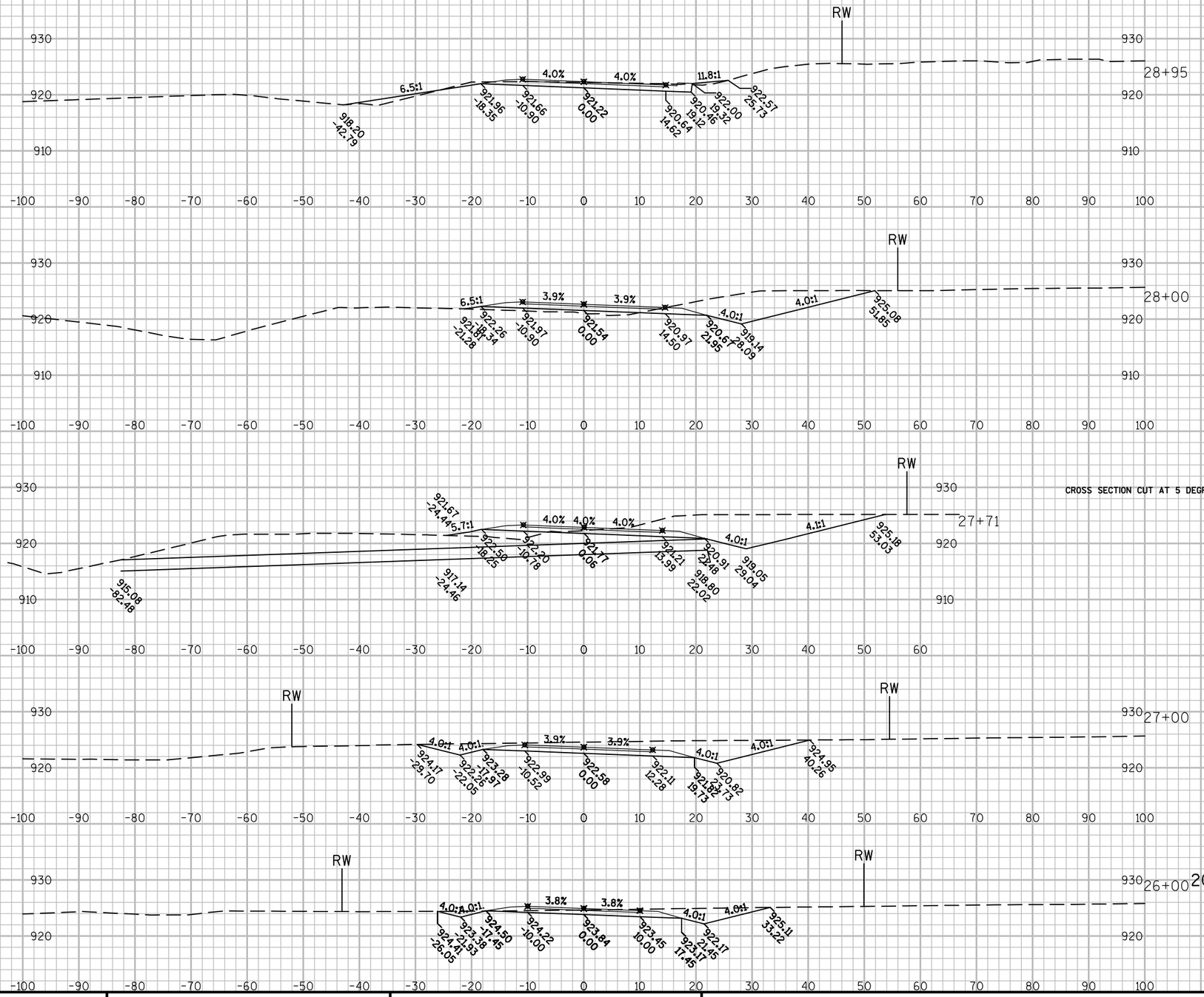


PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: INEZ-BRANCH	SHEET	E



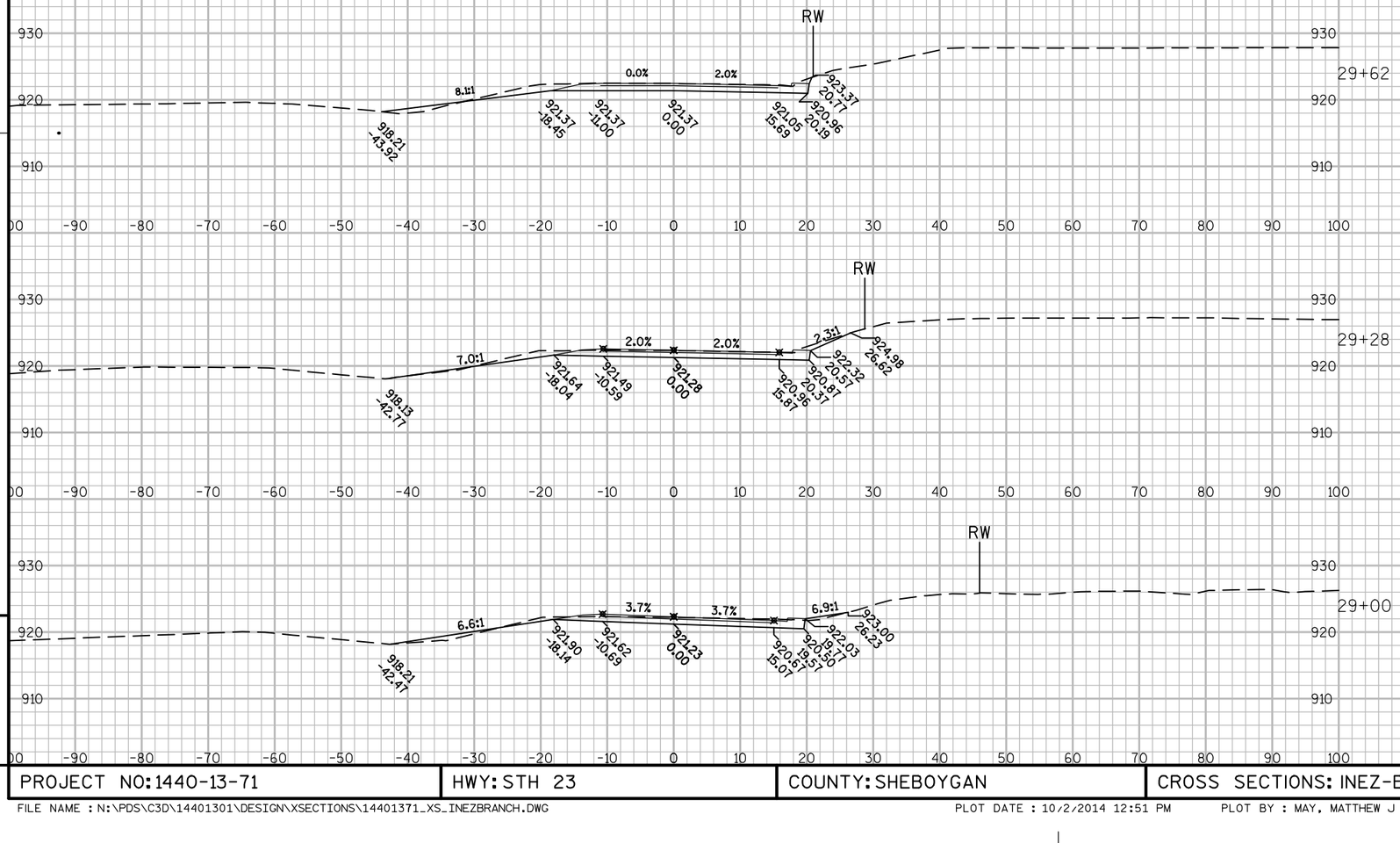
PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: INEZ-BRANCH	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_INEZBRANCH.DWG PLOT DATE : 10/2/2014 12:51 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: INEZ-BRANCH	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_INEZBRANCH.DWG PLOT DATE : 10/2/2014 12:51 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO: 1440-13-71	HWY: STH 23	COUNTY: SHEBOYGAN	CROSS SECTIONS: INEZ-BRANCH	SHEET	E

FILE NAME : N:\PDS\C3D\14401301\DESIGN\XSECTIONS\14401371_XS_INEZBRANCH.DWG PLOT DATE : 10/2/2014 12:51 PM PLOT BY : MAY, MATTHEW J PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

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