WKE

MAR 13

PROJECT ID: 3170-00-70

COUNTY: WALWORTH

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 = 416

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
3170-00-70		

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

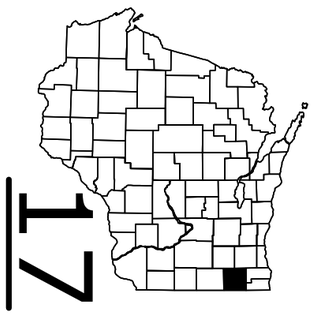
WILLIAMS BAY - LAKE GENEVA

GENEVA STREET TO FOREST STREET

STH 50

WALWORTH COUNTY

STATE PROJECT NUMBER
3170-00-70

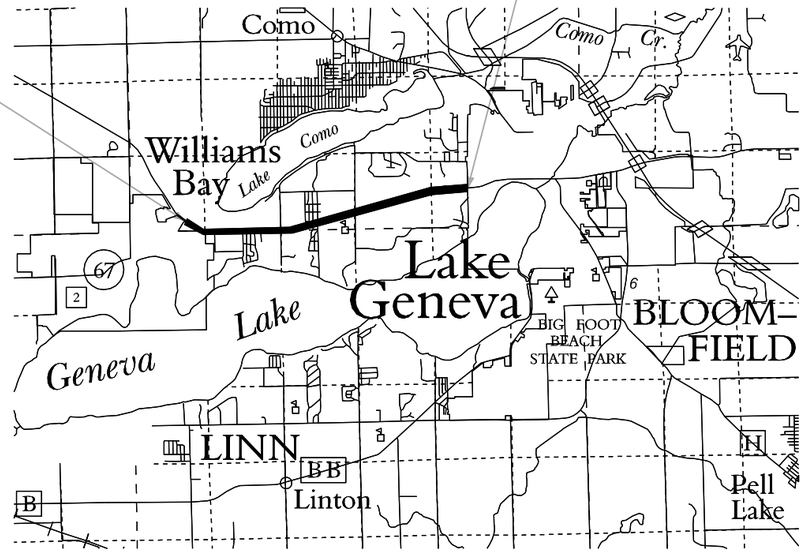


N

BEGIN PROJECT 3170-00-70
STA. 96+00
X= 768639.87
Y= 332874.74

END PROJECT
STA. 284+35
X= 787149.58
Y= 335603.21

T-2-N



R-17-E

R-18-E

T-1-N

DESIGN DESIGNATION

A.A.D.T. 2009	=	11,200
A.A.D.T. 2025	=	14,500
D.H.V.	=	1,653
D.D.	=	58/42
T.	=	8.3
DESIGN SPEED	=	60 M.P.H.
ESALS	=	2,336,000

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 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 3.458 MI.

ALIGNMENT DATA IS BASED ON ASBUILT PLANS WITHOUT ANY FIELD SURVEY AND IS TO BE USED AS REFERENCE ONLY.

"COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), 'WALWORTH' COUNTY, NAD 83 (2007)"

"ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD 88 (2007).

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT
Designer	J. ROSBECK
Project Manager	G. METZER
Regional Examiner	
Regional Supervisor	A. PUSCH
C.O. Examiner	

APPROVED FOR THE DEPARTMENT

NOVEMBER 1, 2012 (Signature)

E

GENERAL NOTES

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

THE LOCATION OF DRIVEWAY MATCH POINTS NOT SHOWN IN THE PLANS WILL BE DETERMINED BY THE ENGINEER.

ALL LAYOUT DATA IS REFERENCED TO THE R/L UNLESS OTHERWISE NOTED.

STATIONING, DISTANCES AND OFFSETS FOR SIGNS SHOWN ON THE PLANS ARE APPROXIMATE AND THE LOCATIONS OF SIGNS ARE TO BE DETERMINED IN THE FIELD BY 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 WILL COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A CALL TO THE UTILITIES THAT HAVE INSTALLATIONS WITHIN THE PROJECT AREA.

EROSION CONTROL DEVICES ARE TO BE PLACED IN SEQUENCE WITH CONSTRUCTION STAGING AND MAINTAINED THROUGH EACH STAGE OR AS DETERMINED BY THE ENGINEER.

EROSION CONTROL FEATURES AS SHOWN ON THE PLAN SHEETS ARE APPROXIMATE LOCATIONS. THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER

RE-TOPSOILING OF ALL DISTURBED AREAS SHALL BE DONE IMMEDIATELY AFTER GRADING IS COMPLETED WITHIN THOSE AREAS. FERTILIZE, SEED AND MULCH OR PLACE EROSION MAT ON ALL TOPSOILED AREAS WITHIN 5 CALENDAR DAYS AFTER PLACEMENT OF THE TOPSOIL.

FOR STORM SEWER STRUCTURE GRATES LOCATED IN THE CURB & GUTTER, ELEVATIONS AND OFFSETS ARE GIVEN TO THE CURB & GUTTER FLANGE LINE.

ELEVATIONS SHOWN FOR CURB AND GUTTER ARE FLANGE ELEVATION. DISTANCES SHOWN FOR CURB AND GUTTER RADAII ARE MEASURED TO THE FLANGE

SOILS REPORT IS AVAILABLE PRIOR TO BIDDING. PLEASE CONTACT GARY METZER FOR MORE INFORMATION: 262-548-5685 OR GARY.METZER@DOT.WI.GOV

UTILITY CONTACTS

AT&T
SHANE LEVAKE
301 E MILWAUKEE ST.
JANESVILLE, WI 53545
(608) 755-5586
sl3184@att.com

ALLIANT ENERGY CORP
JASON HOGAN
4902 N. BILTMORE LANE
PO BOX 77007
MADISON, WI 53707-1007
(608) 395-7395
jason.hogan@alliantenergy.com

CHARTER COMMUNICATIONS
GREG RIPP
510 BELOIT STREET
WALWORTH, WI 53184
(262) 275-9605 EXT. 13
gripp@chartercom.com

CITY OF LAKE GENEVA DPW
DANIEL WINKLER
626 GENEVA ST
LAKE GENEVA, WI 53147
(262) 248-2311

TIME WARNER CABLE
STEVE CRAMER
1320 N. MARTIN LUTHER KING DRIVE
MILWAUKEE, WI 53212
(414) 277-4045
steve.cramer@twcable.com

WE ENERGIES (GAS)
DAN SANDE
333 W. EVERETT ST - A279
MILWAUKEE, WI 53203
(414) 221-4578
dan.sande@we-energies.com

WISDOT CONTACTS

PROJECT MANAGER
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141 NW BARTSOW STREET
PO BOX 798
WAUKESHA, WI 53187-0798
(262) 548-5685
gary.metzer@dot.wi.gov

DESIGN LEADER
JACOB ROSBECK
141 NW BARTSOW STREET
PO BOX 798
WAUKESHA, WI 53187-0798
(262) 521-5182
jacob.rosbeck@dot.wi.gov

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES

PROJECT OVERVIEW

TYPICAL SECTIONS

CONSTRUCTION DETAILS

PLAN DETAILS

EROSION CONTROL

STORM SEWER

PERMANENT SIGNING

PAVEMENT MARKING

TRAFFIC CONTROL

ALIGNMENT

PAVING LAYER DEPTHS

RESURFACE:	UPPER: 1 3/4 INCHES OF 12.5 MM TYPE E-3 LOWER: 2 1/4 INCHES OF 19.0 MM TYPE E-3
RECONSTUCT:	UPPER: 1 3/4 INCHES OF 12.5 MM TYPE E-3 UPPER-LOWER: 2 1/4 INCHES OF 19.0 MM TYPE E-3 LOWER-LOWER: 2 1/4 INCHES OF 19.0 MM TYPE E-3
TURN LANES:	UPPER: 1 3/4 INCHES OF 12.5 MM TYPE E-3 UPPER-LOWER: 2 1/4 INCHES OF 19.0 MM TYPE E-3 LOWER-LOWER: 2 1/4 INCHES OF 19.0 MM TYPE E-3

DIGGERS HOTLINE

Call 811 3 Work Days Before You Dig
Or Toll Free (800) 242-8511
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

2

AGENCY CONTACTS

CITY OF LAKE GENEVA FIRE CHIEF
BRENT CONNELLY
730 MARSHALL STREET
LAKE GENEVA, WI 53147
(262) 248-4434
lgfd@sbcglobal.net

CITY OF LAKE GENEVA POLICE CHIEF
MICHAEL RASMUSSEN
626 GENEVA STREET
LAKE GENEVA, WI 53147
(262) 248-4455

CITY OF LAKE GENEVA STREET DEPARTMENT
RON CARSTENSEN
626 GENEVA STREET
LAKE GENEVA, WI 53147
(262) 248-6644
lgsd1065@sbcglobal.net

TOWN OF GENEVA POLICE CHIEF
STEVEN HURLEY
N3496 COMO ROAD
LAKE GENEVA, WI 53147
(262) 248-9926
7200@townofgenevawi.com

TOWN OF GENEVA, HIGHWAY DEPARTMENT
RANDY PARKER
N3496 COMO ROAD
LAKE GENEVA, WI 53147
(262) 248-2135
hwydept@townofgenevawi.com

TOWN OF LINN FIRE & EMS CHIEF
TIM RASCH
P.O. BOX 130
ZENDA, WI 53195
(262) 249-8808
linnfire@wi.rr.com

TOWN OF LINN HIGHWAY DEPARTMENT
JIM WOLFGRAM
P.O. BOX 130
ZENDA, WI 53195
(262) 275-1094
linnhighway@townoflinn.com

TOWN OF LINN POLICE CHIEF
DENNIS WISNIEWSKI
P.O. BOX 130
ZENDA, WI 53195
(262) 275-6194 EXT. 11
chief@townoflinn.com

VILLAGE OF WILLAMS BAY, DIRECTOR OF DPW
JERRY MEHRING
P.O. BOX 580
WILLIAMS BAY, WI 53191
(262) 245-2706

VILLAGE OF WILLIAMS BAY FIRE CHIEF
DOUG SMITH
P.O. BOX 580
WILLIAMS BAY, WI 53191
(262) 245-2712

VILLAGE OF WILLIAMS BAY POLICE CHIEF
ROBERT PRUESSING
P.O. BOX 580
WILLIAMS BAY, WI 53191
(262) 245-2710

VILLAGE OF WILLIAMS BAY RESCUE SQUAD CHIEF
RICHARD GLUTH
P.O. BOX 580
WILLIAMS BAY, WI 53191
(262) 245-2712

WALWORTH COUNTY SHERRIFF
DAVID GRAVES
1770 COUNTY ROAD NN
ELKHORN, WI 53121
(262) 741-4400
walcosh@co.walworth.wi.us

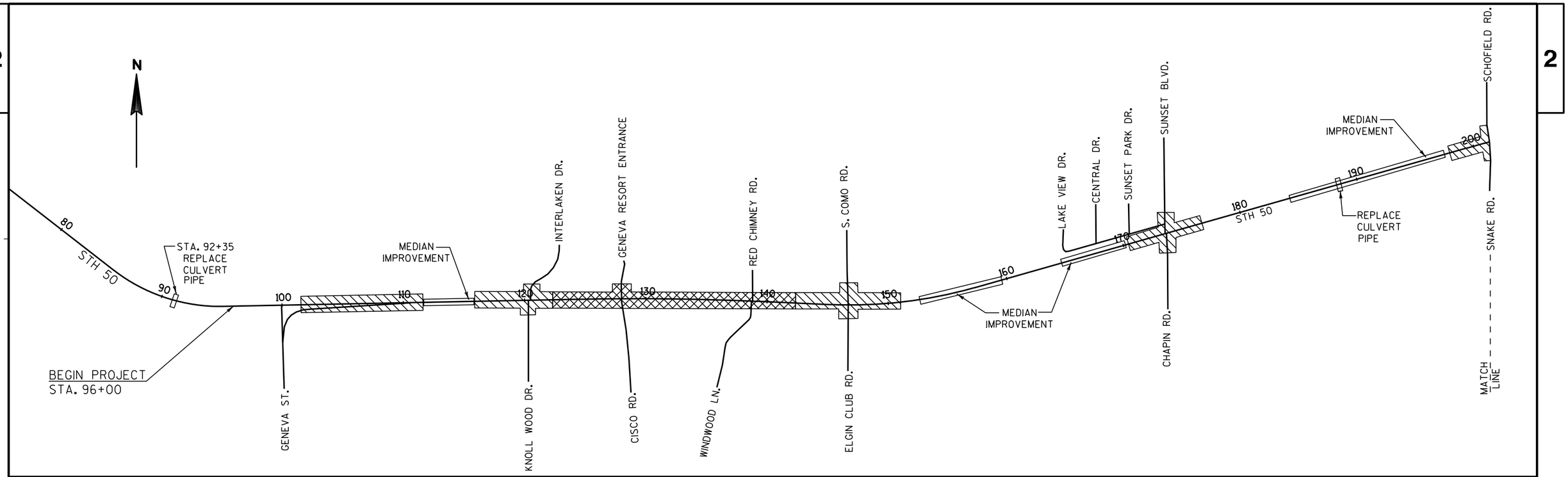
WALWORTH COUNTY DIRECTOR OF PUBLIC WORKS
SHANE CRAWFORD
W4097 COUNTY ROAD NN
ELKHORN, WI 53121
(262) 741-3114
vprice@co.walworth.wi.us

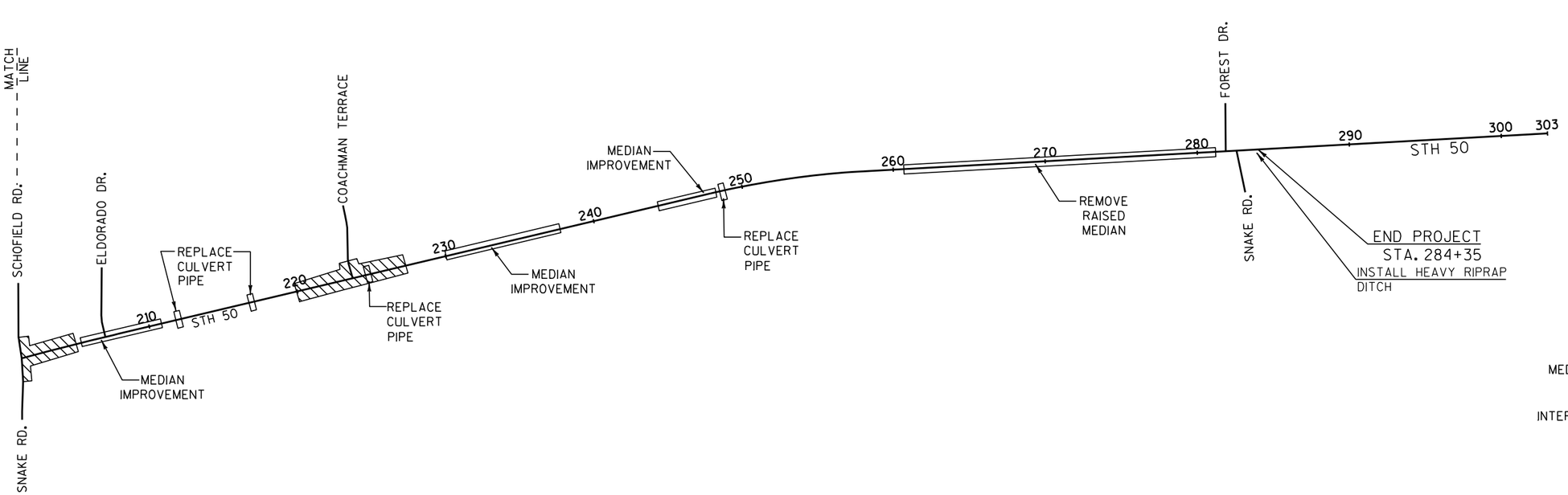
SEWRPC
DON SIMON
P.O. BOX 1607
WAUKESHA, WI 53187
(414) 547-6721
(262) 547-6722 EXT. 249
dsimon@sewrpc.org

WI DNR LIAISON
CRAIG WEBSTER
141 NW BARTSOW STREET, ROOM 180
WAUKESHA, WI 53188
(262) 574-2141
(414) 303-3011 (MOBILE)
craig.webster@wisconsin.gov

DIGGERS HOTLINE

Call 811 3 Work Days Before You Dig
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Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com







LEGEND

MEDIAN IMPROVEMENT

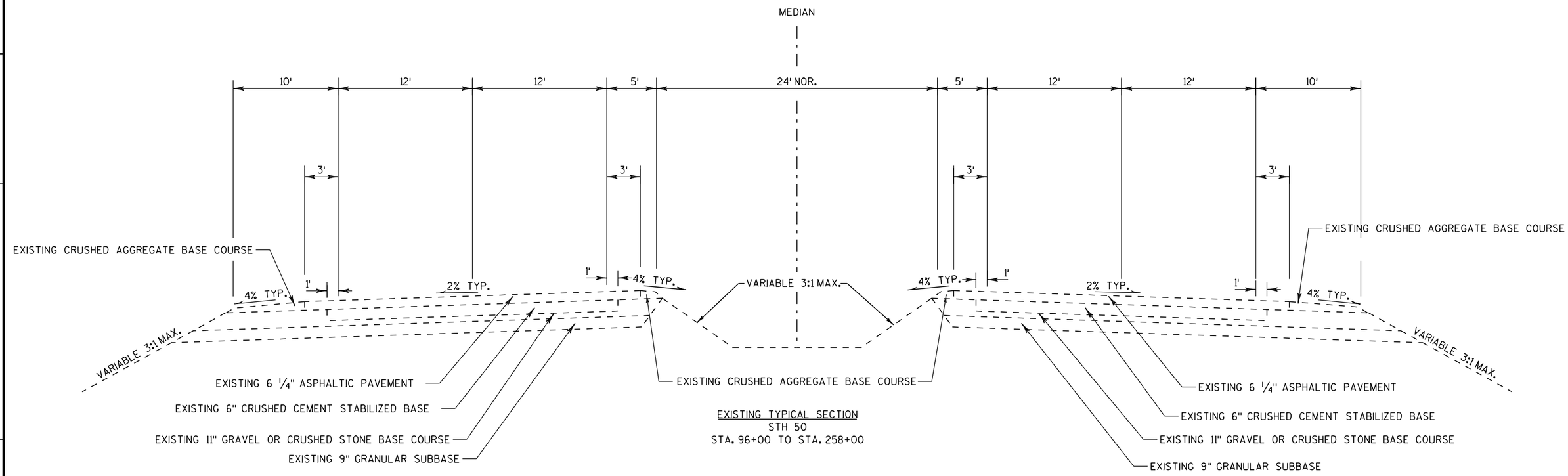
INTERSECTION WIDENING

RECONSTRUCT

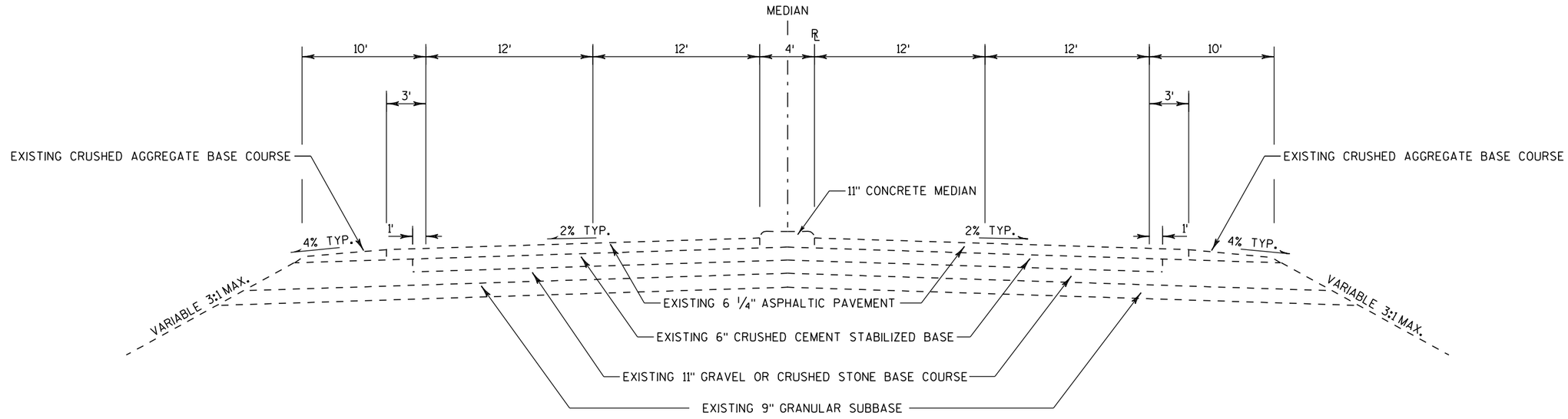
NOTE: ALL OTHER AREAS NOT NOTED DIFFERENT ARE MILL AND RESURFACE.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PROJECT OVERVIEW	SHEET 4	E

2



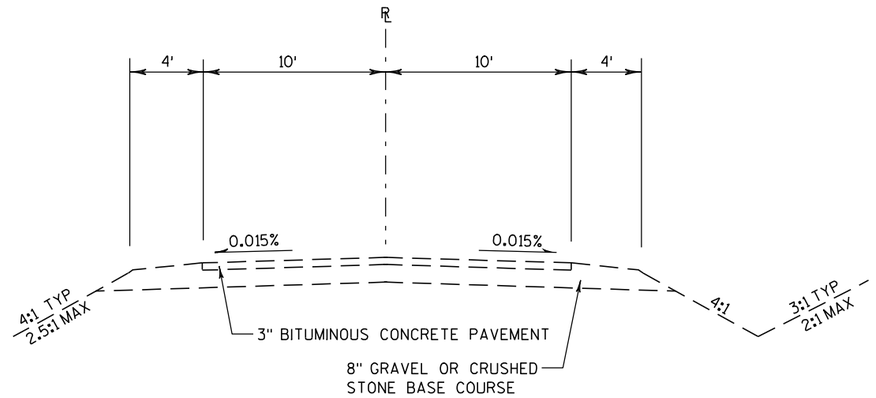
EXISTING TYPICAL SECTION
STH 50
STA. 96+00 TO STA. 258+00



EXISTING TYPICAL SECTION
STH 50
STA. 258+00 TO STA. 284+35

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 5	E

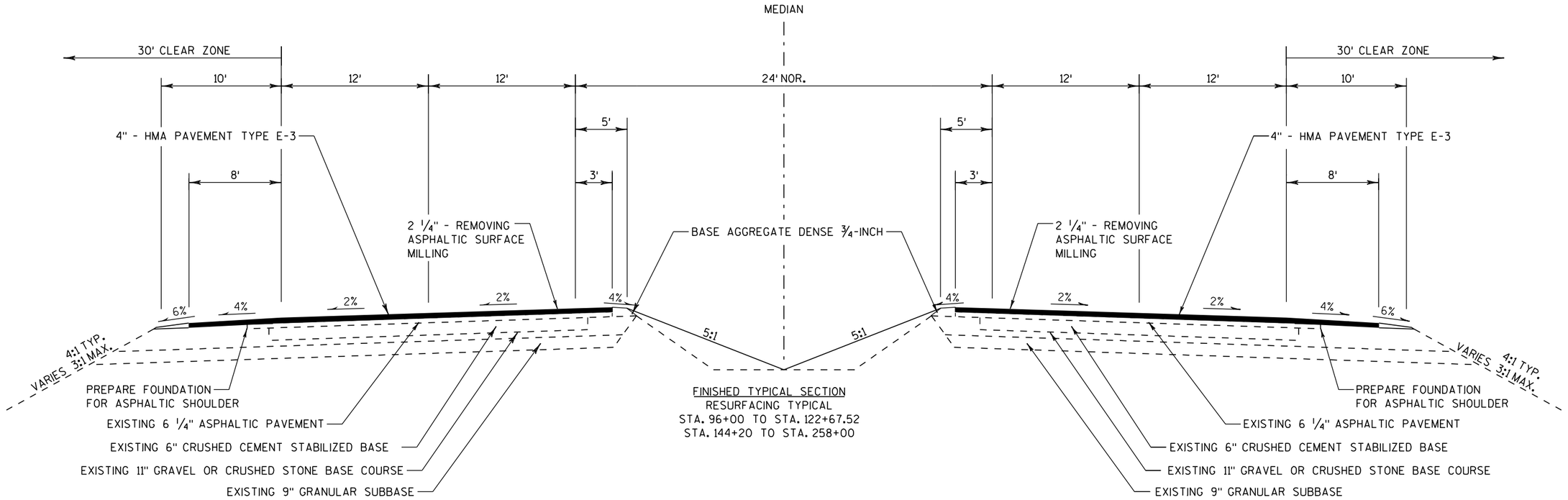
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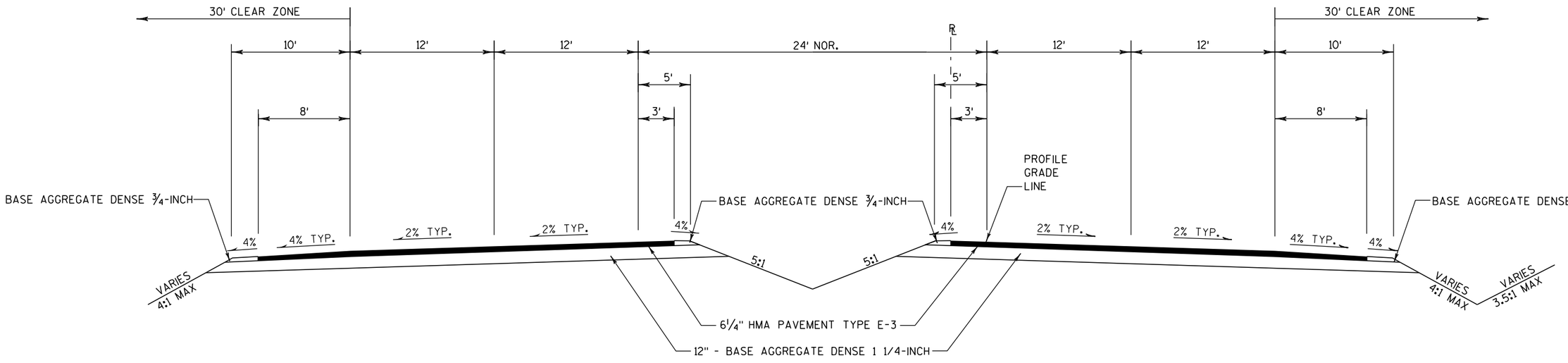


EXISTING TYPICAL SECTION
SIDE ROAD

GENEVA STREET
KNOLLWOOD DRIVE
INTERLAKEN DRIVE
CISCO ROAD
GENEVA RESORT ENTRANCE
ELGIN CLUB ROAD
COMO ROAD
SUNSET BOULEVARD
CHAPIN ROAD
SNAKE ROAD
SCHOFIELD ROAD
COACHMAN TERRACE ENTRANCE

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 6	E



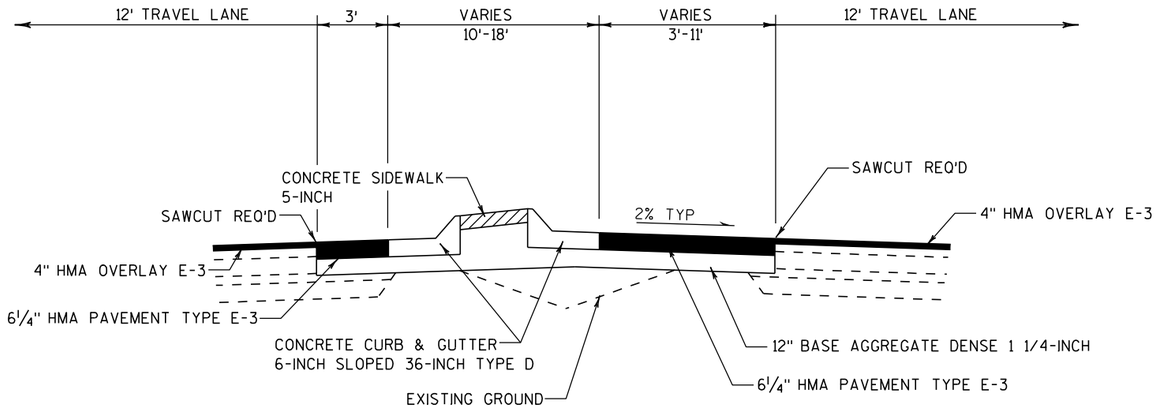


FINISHED TYPICAL SECTION
RECONSTRUCTION SECTION
STA. 122+67.52 TO STA. 144+20.00

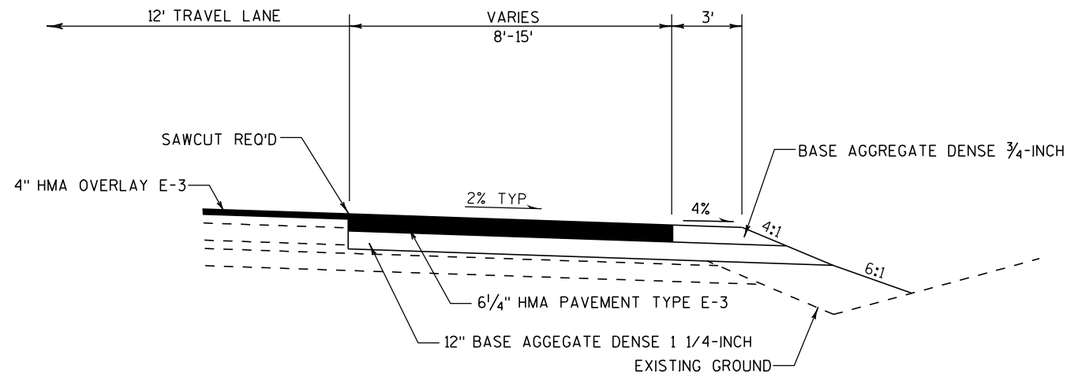
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 7	E

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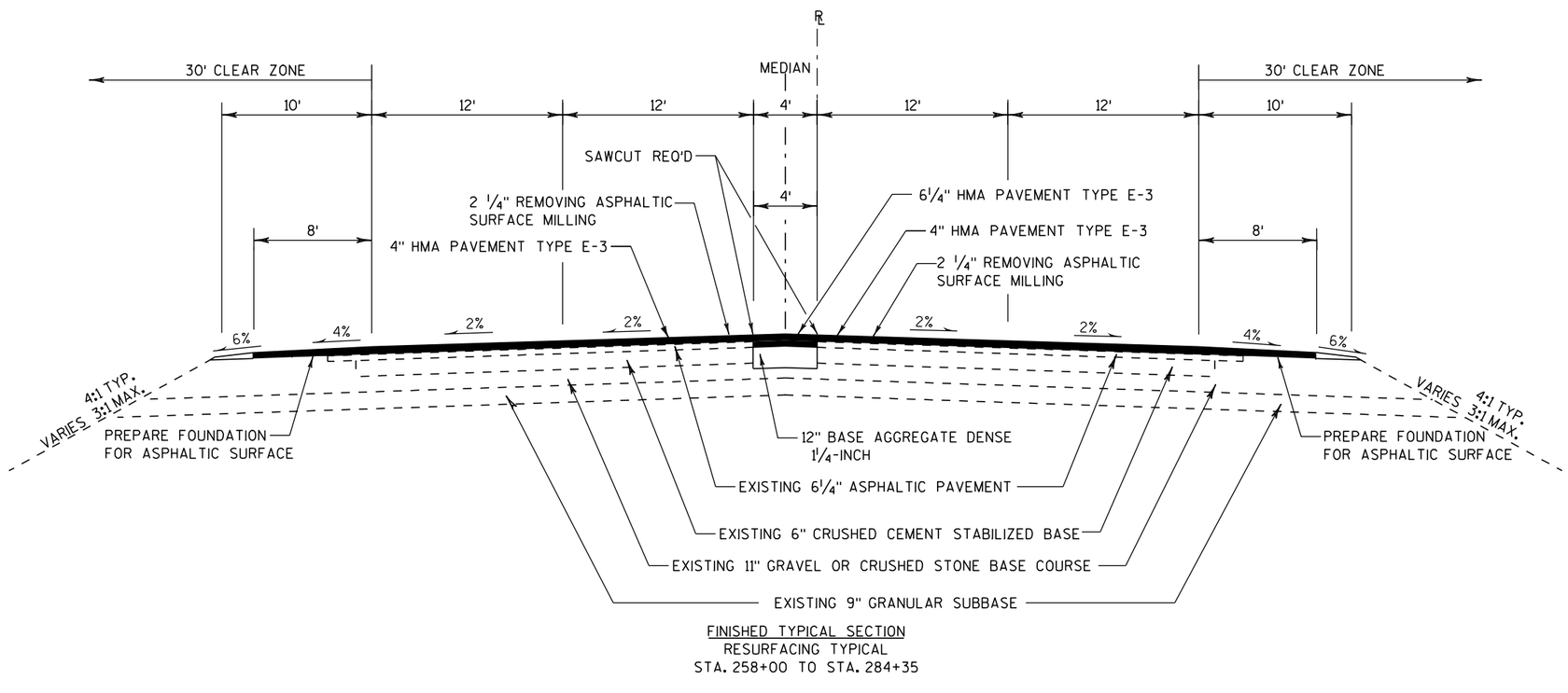
WISDOT/CADDS SHEET 42



LEFT TURN BAY DETAIL
EB SHOWN - WB IS MIRROR
SEE PLAN SHEETS FOR LOCATIONS



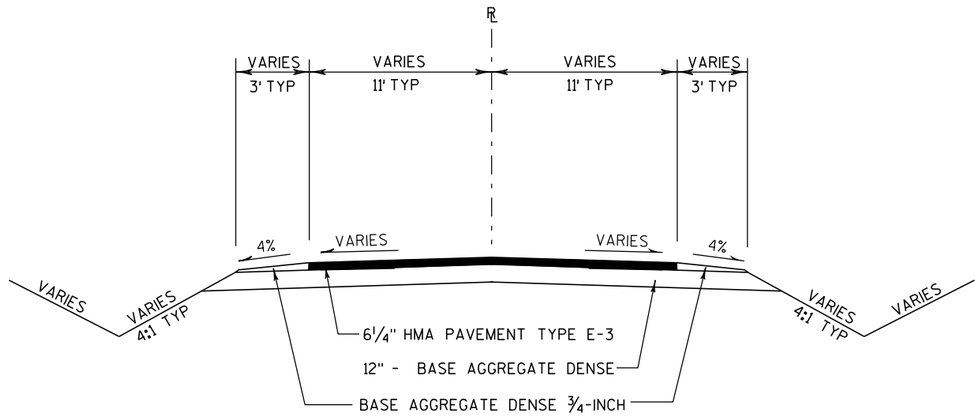
RIGHT TURN BAY DETAIL
EB SHOWN - WB IS MIRROR



FINISHED TYPICAL SECTION
RESURFACING TYPICAL
STA. 258+00 TO STA. 284+35

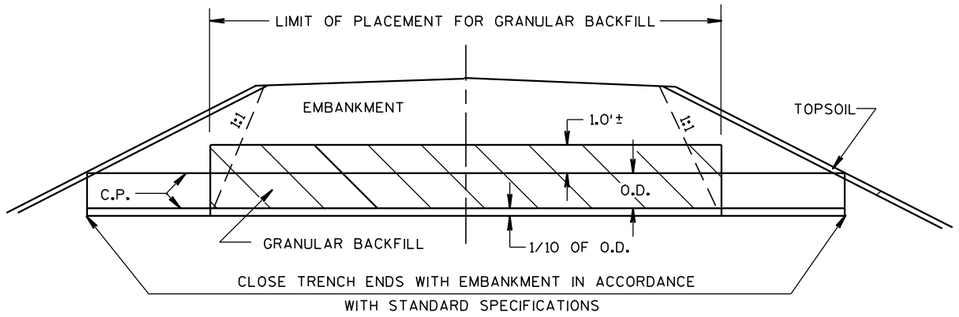
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 8	E

2



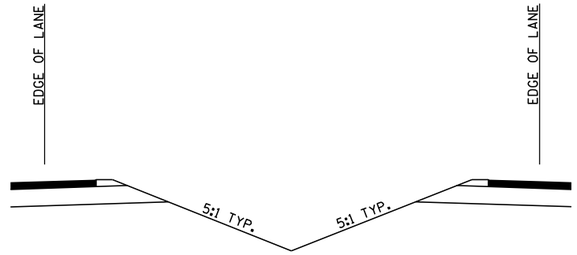
FINISHED TYPICAL SECTION
SIDE ROAD

GENEVA STREET
KNOLLWOOD DRIVE
INTERLAKEN DRIVE
CISCO ROAD
GENEVA RESORT ENTRANCE
ELGIN CLUB ROAD
COMO ROAD
SUNSET BOULEVARD
CHAPIN ROAD
SNAKE ROAD
SCHOFIELD ROAD
COACHMAN TERRACE ENTRANCE



PIPE BACKFILL DETAIL

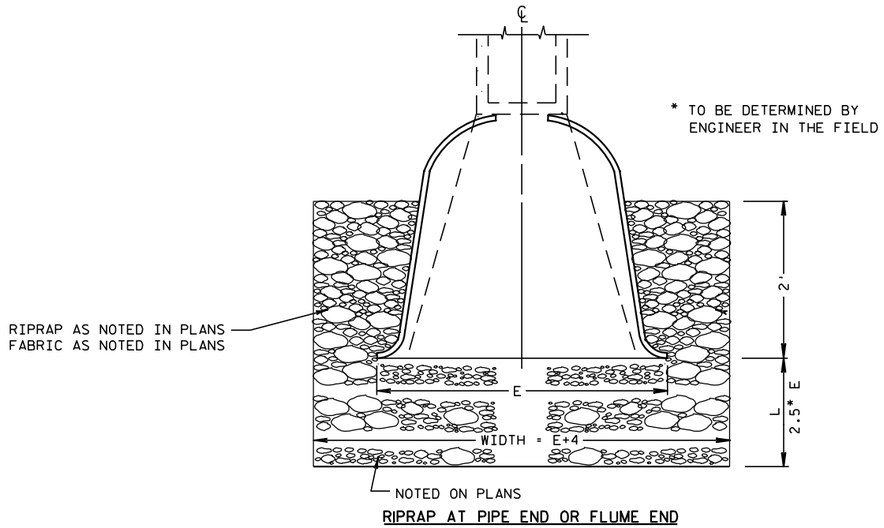
STA 99+75	STA 146+10	STA 201+00	STA 257+00
STA 100+50	STA 147+12	STA 206+00	GENEVA STREET
STA 104+60	STA 147+25	STA 212+00	STA 10+58 (KNOLLWOOD DRIVE)
STA 107+50	STA 151+70	STA 217+00	STA 20+80 (RED CHIMNEY ROAD)
STA 114+00	STA 159+00	STA 224+50	STA 10+80 (S. COMO ROAD)
STA 123+50	STA 167+50	STA 224+75	STA 10+56 (ELGIN CLUB ROAD)
STA 123+95	STA 172+95	STA 239+90	STA 10+85 (SUNSET BLVD)
STA 133+00	STA 178+40	STA 245+00	STA 49+44 (CHAPIN ROAD)
STA 135+00	STA 180+50	STA 248+50	STA 49+42 (SNAKE ROAD)
STA 136+67	STA 182+90	STA 248+60	STA 20+80 (COACHMAN TERRACE)
STA 141+50	STA 188+50	STA 252+98	SNAKE ROAD



DITCHING AND SHAPING MEDIAN

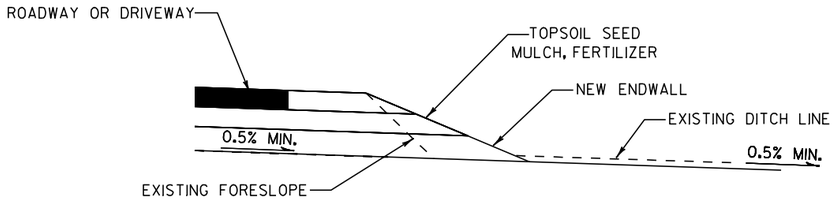
STA 106+25.00 - 109+64.41
STA 159+14.10 - 160+75.90
STA 167+87.50 - 170+05.91
STA 177+14.09 - 184+70.91
STA 210+49.09 - 219+97.91
STA 227+36.09 - 230+35.91
STA 237+34.09 - 244+83.91

NOTES: MINIMUM 0.5% LONGITUDINAL SLOPE REQUIRED IN DITCH BOTTOM FOR DRAINAGE



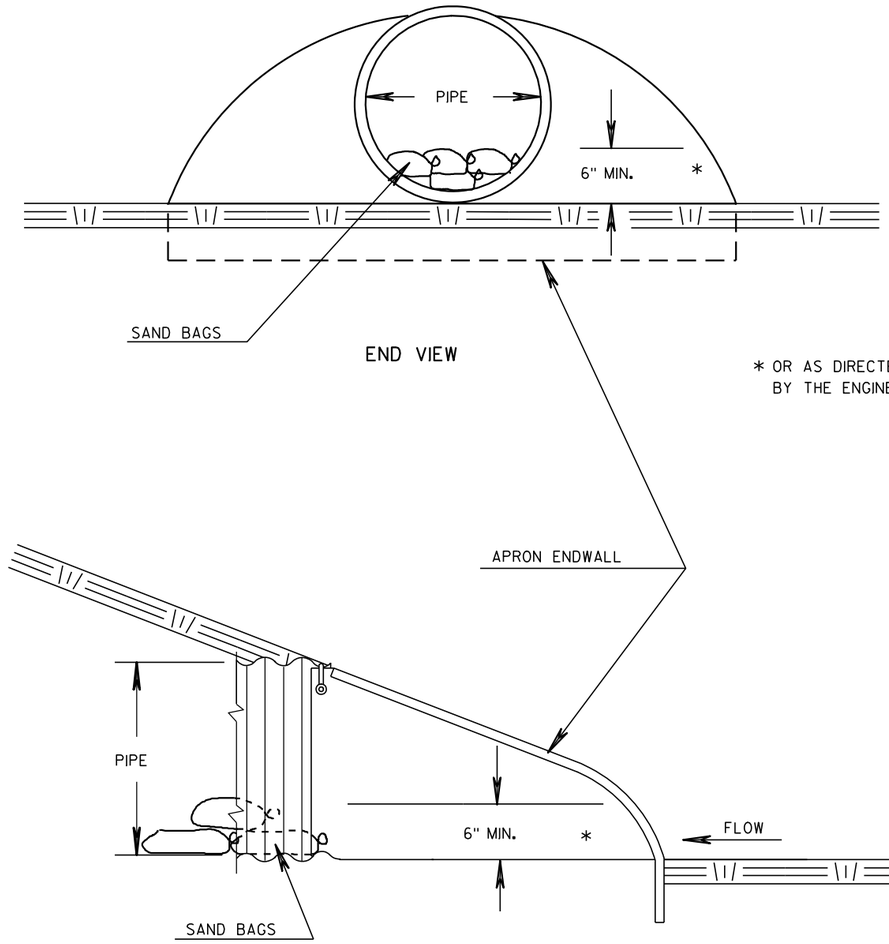
RIPRAP AT PIPE END OR FLUME END

STA 92+50, LT	STA 146+00, LT & RT	STA 201+85, RT
STA 99+60, RT	STA 151+80, RT	STA 211+98, RT
STA 101+10, RT	STA 159+50, RT	STA 216+98, RT
STA 104+55, RT	STA 167+50, RT	STA 224+50, RT
STA 107+50, LT	STA 174+15, RT	STA 239+90, RT
STA 123+50, LT	STA 174+75, LT	STA 245+00, RT
STA 133+00, LT	STA 178+90, RT	STA 247+85, RT
STA 135+00, LT	STA 180+00, RT	STA 252+98, RT
STA 138+20, LT	STA 182+90, RT	



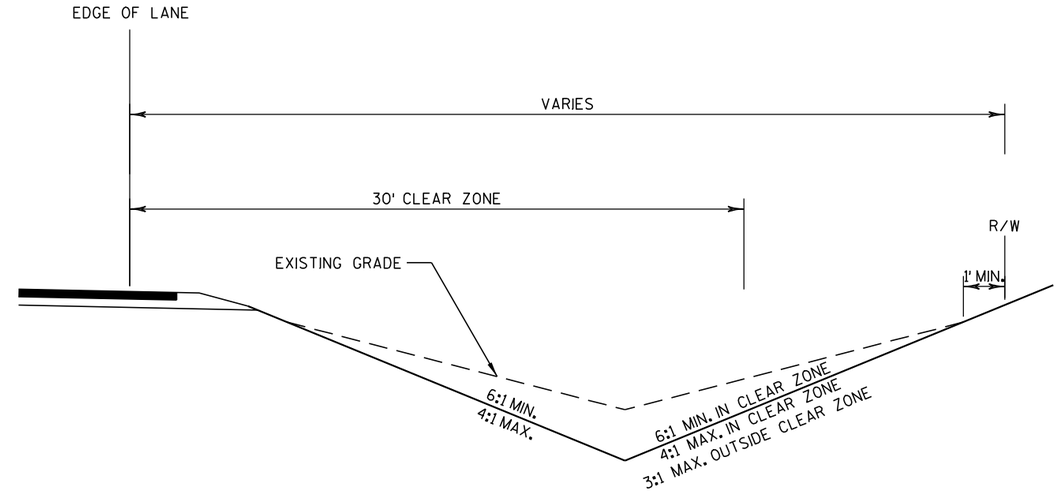
GRADING SLOPED ENDWALL AREA

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WISDOT/CADDS SHEET 42
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



CULVERT PIPE DITCH CHECK

SEE EROSION CONTROL PLANS FOR LOCATIONS



DITCHING AND SHAPING

SIDE DITCHES

STA 115+75 - 116+75, RT
STA 207+30 - 208+60, LT
STA 212+00 - 214+50, LT
STA 220+00 - 221+25, RT
STA 229+25 - 231+10, LT

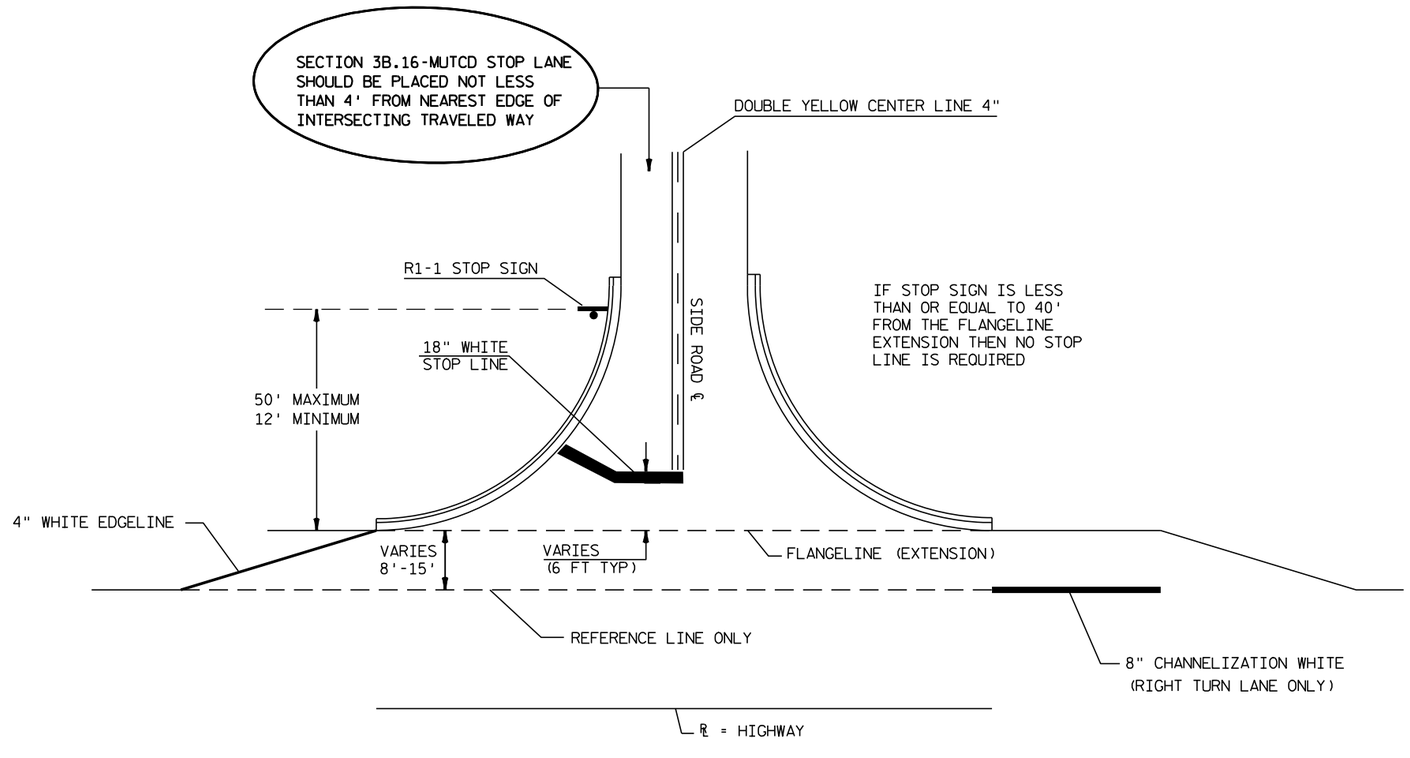
NOTES: MINIMUM 0.5% SLOPE REQUIRED

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS	SCALE, FEET 0	SHEET NO: 11	E

FILE NAME : j:\projects\d2_31700050\021001_cd.dgn PLOT DATE : 25-OCT-2012 16:51 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 200:1
WISDOT/CADDS SHEET 42
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

NOTES:

1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. STOP LINES SHOWN AT SIDEROADS REQUIRED IN PLAN DETAIL SHEETS.



TYPICAL PAVEMENT MARKING FOR SIDEROADS

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS	SCALE, FEET 0	SHEET NO: 12	E

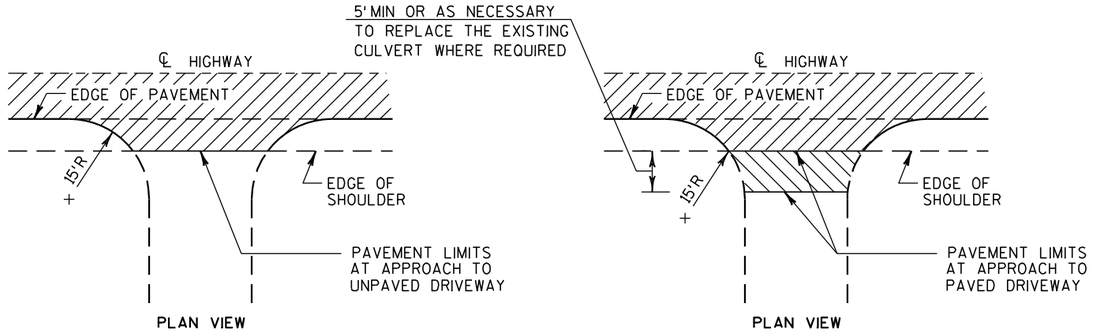
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

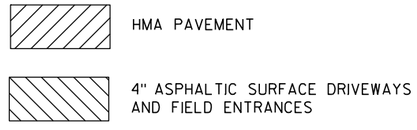
FILE NAME : j:\projects\d2_31700050\021001_cd.dgn PLOT DATE : 25-OCT-2012 16:52 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 200:1

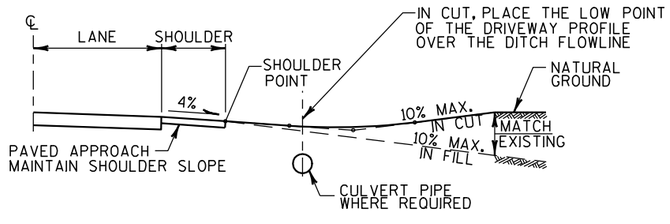
WISDOT/CADDS SHEET 42

NOTE: DRIVEWAY SURFACE TO BE REPLACED IN KIND
WITH A MINIMUM SECTION OF:

4" ASPHALTIC SURFACE, DRIVEWAYS AND
FIELD ENTRANCES OVER 12" BASE AGGREGATE DENSE 1 1/4-INCH
OR CONCRETE DRIVEWAY, 7"
OVER 4" BASE AGGREGATE DENSE 1 1/4-INCH







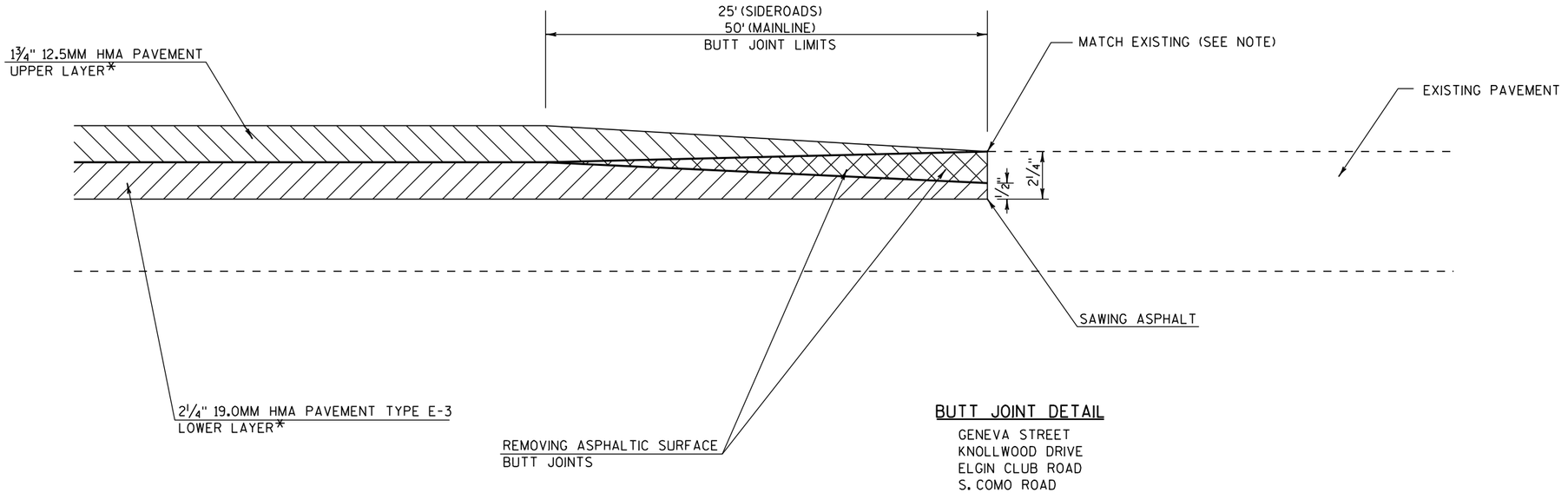
RURAL DRIVEWAY INTERSECTION DETAIL

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS	SCALE, FEET 0	SHEET NO: 13	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

FILE NAME : j:\projects\d2_31700050\021001_cd.dgn PLOT DATE : 25-OCT-2012 16:52 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 200:1

WISDOT/CADDS SHEET 42



BUTT JOINT DETAIL

GENEVA STREET
KNOLLWOOD DRIVE
ELGIN CLUB ROAD
S. COMO ROAD
CHAPIN ROAD
SUNSET BLVD
SCHOFIELD ROAD
SNAKE ROAD
COACHMAN TERRACE
FOREST STREET
SNAKE ROAD (EAST OF FOREST STREET)

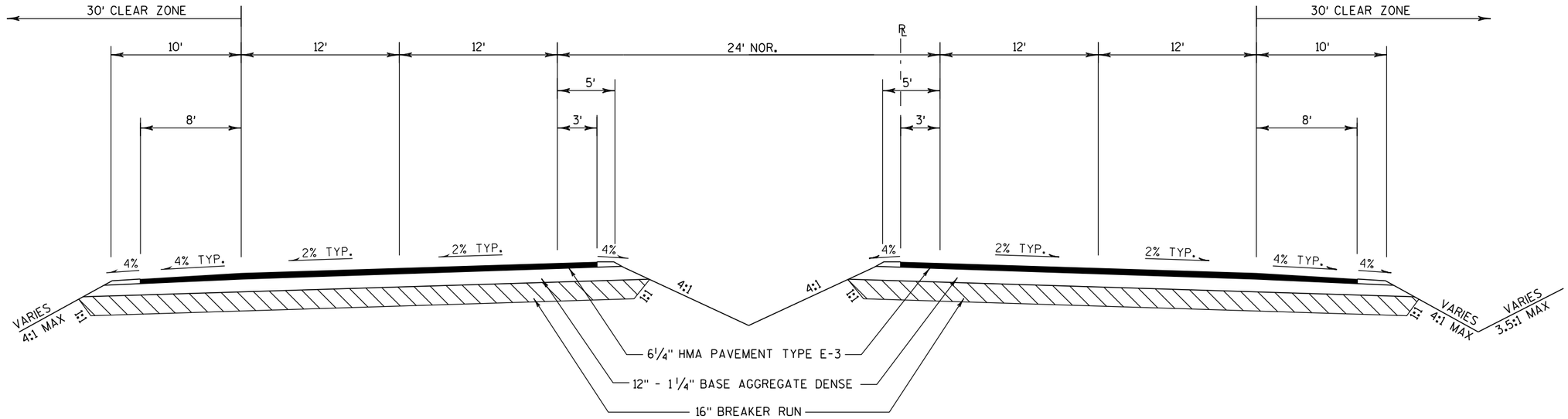
NOTE: LOCATION FOR MATCH POINT TO BE DETERMINED IN FIELD BY PROJECT ENGINEER.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS	SCALE, FEET 0	SHEET NO: 14	E

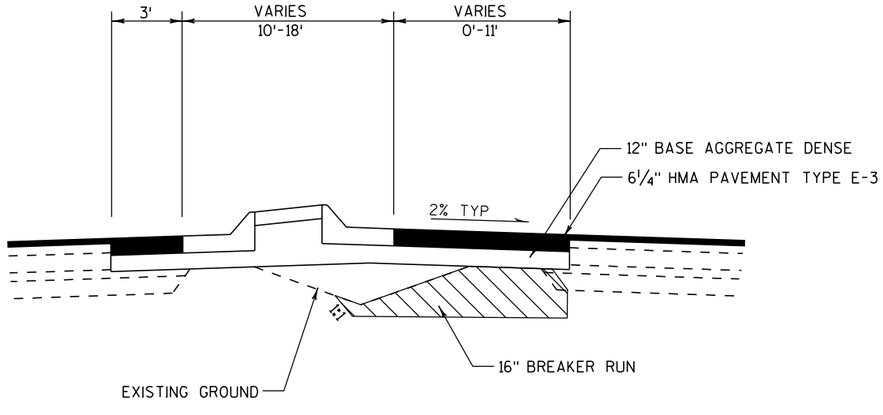
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

FILE NAME : j:\projects\d2_31700050\021001_cd.dgn PLOT DATE : 25-OCT-2012 16:53 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 200:1

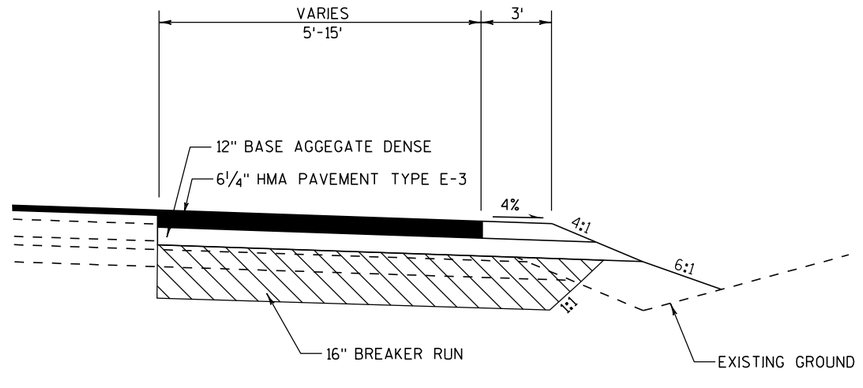
WISDOT/CADDS SHEET 42



EBS EXCAVATION DETAIL
RECONSTRUCTION SECTION



EBS EXCAVATION
EB SHOWN - WB IS MIRROR
SEE PLAN SHEETS FOR LOCATIONS



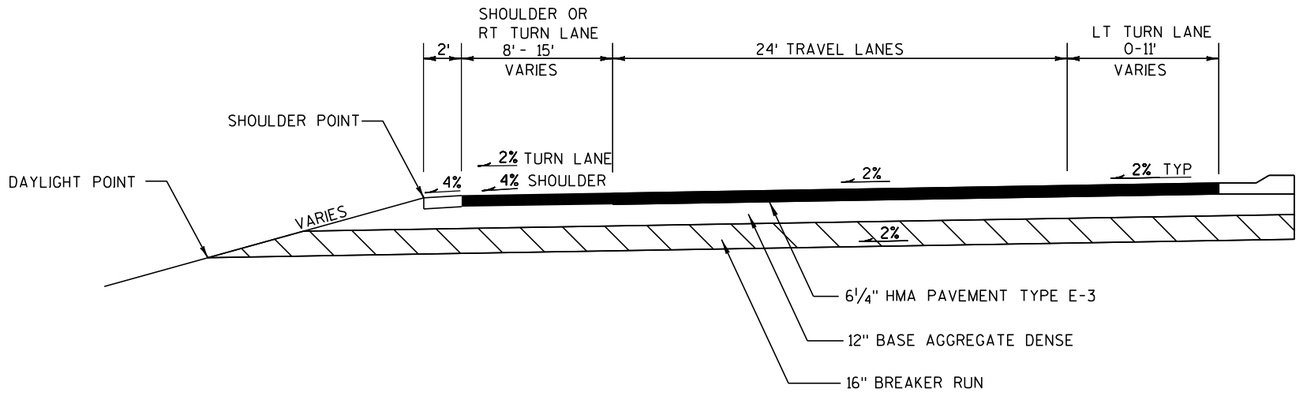
EBS EXCAVATION
EB SHOWN - WB IS MIRROR

EBS EXCAVATION

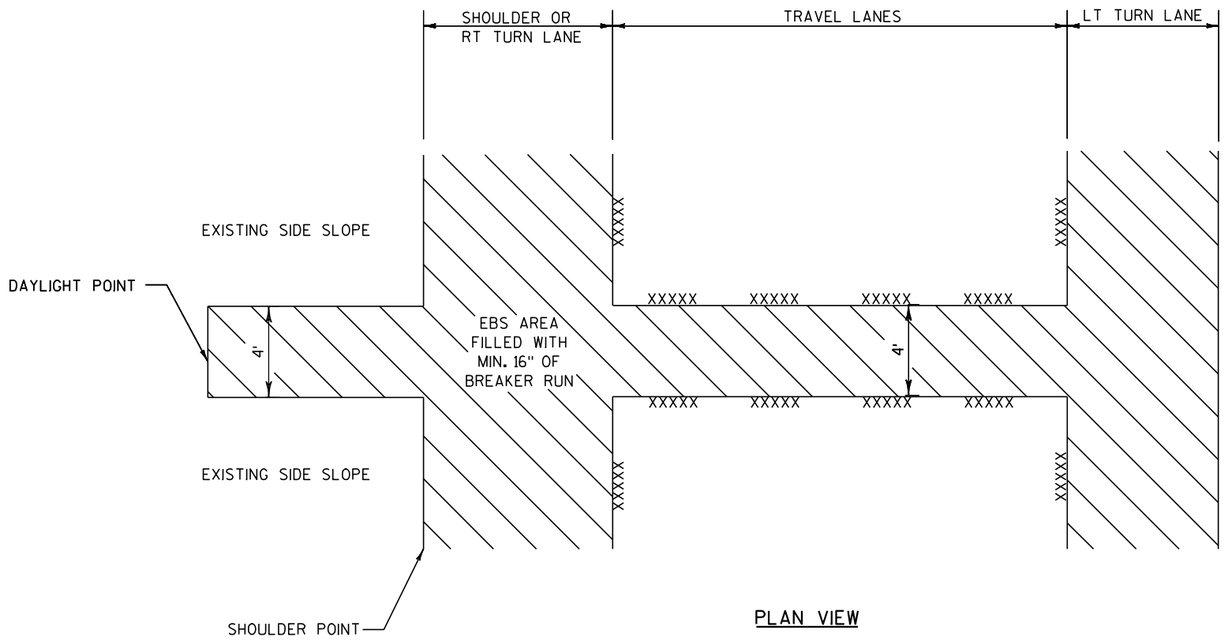
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS	SCALE, FEET 0	SHEET NO: 15	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

FILE NAME : j:\projects\d2_31700050\021001_cd.dgn PLOT DATE : 25-OCT-2012 16:53 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 200:1
WISDOT/CADDS SHEET 42



SECTION VIEW



PLAN VIEW

RELIEF TRENCH DETAIL EBS AREAS

NOTES

DAY LIGHT BREAKER RUN TO FORE SLOPE

WRAP RELIEF TRENCH IN GEOTEXTILE
FABRIC TYPE DF SCHEDULE B.
OVERLAP IN DIRECTION OF FLOW.
TOP SEAM OF FABRIC TO OVERLAP 12".

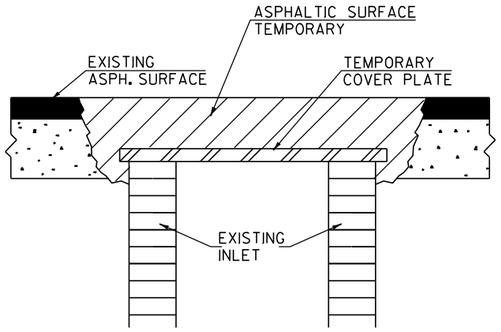
CONSTRUCT RELIEF TRENCH
AT SAG POINTS OR EVERY 250'

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS	SCALE, FEET 0	SHEET NO: 16	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

FILE NAME : j:\projects\d2_31700050\021001_cd.dgn PLOT DATE : 25-OCT-2012 16:54 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 200:1

WISDOT/CADDS SHEET 42



STEP 1

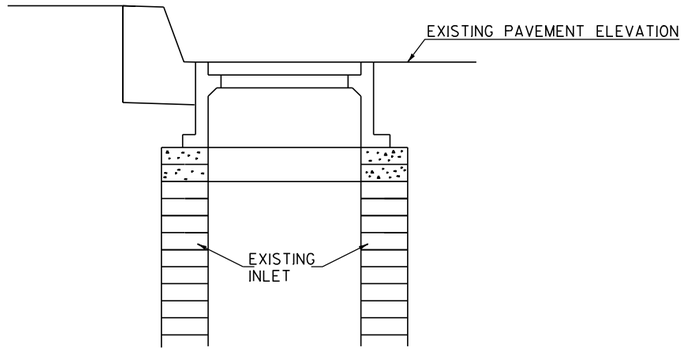
PRIOR TO REMOVING ASPH. SURF.

A. REMOVE AND STORE INLET COVER

B. FURNISH AND INSTALL TEMP. COVER PLATE.*

C. BACKFILL USING ASPHALT SURFACE, TEMPORARY.*

* TO BE PAID FOR UNDER CONTR. ITEMS



STEP 2

AFTER PAVING BINDER COURSES

A. EXCAVATE AND REMOVE TEMPORARY COVER PLATE.

B. ADJUST INLET AND REINSTALL INLET COVER TO FINISH GRADE.

(BACKFILL AND OTHER WORK TO BE DONE IN ACCORDANCE WITH ITEM - SALVAGED INLET COVERS)

SALVAGED INLET COVERS

STA 86+00 EB

NOTE:

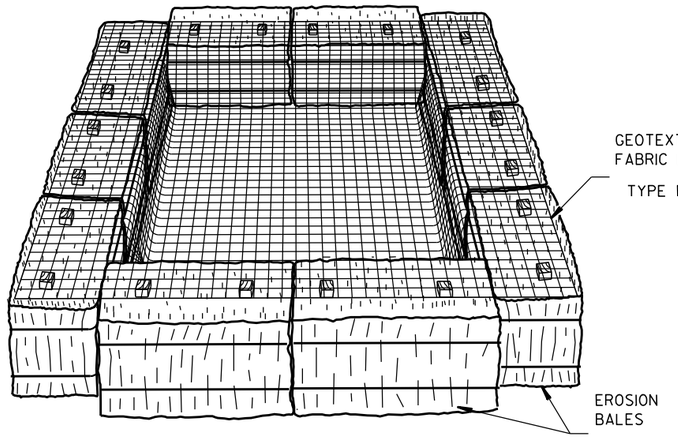
TEMPORARY COVER PLATE,

A. DESCRIPTION
THIS WORK CONSISTS OF FURNISHING, INSTALLING AND REMOVING A STEEL PLATE TO COVER AND SUPPORT BACKFILL AND TRAFFIC LOADING AT INLETS DURING CONSTRUCTION OPERATIONS.

B. MATERIALS
MATERIAL FURNISHED AND USED IN THE WORK SHALL BE 1/4-INCH MINIMUM THICKNESS STEEL PLATE THAT EXTENDS AT LEAST TO THE OUTSIDE EDGE OF EXISTING INLET MASONRY.

C. METHOD OF MEASUREMENT AND BASIS OF PAMENT
TEMPORARY COVER PLATES WILL BE MEASURED SEPARATELY AS UNITS AND WILL BE PAID FOR AT CONTRACT UNIT PRICE EACH, WHICH PRICE SHALL BE FULL COMPENSATION FOR FURNISHING, INSTALLING AND REMOVING THE COVER PLATES; AND FOR ALL LABOR, TOOLS, EQUIPMENT AND INCIDENTAL NECESSARY TO COMPLETE THE WORK. THE STEEL PLATES SHALL BECOME THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED IN THE CONTRACT WORK.

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



TEMPORARY SETTLING BASIN

(SIZE TO BE DETERMINED IN FIELD AS INDICATED BELOW:)

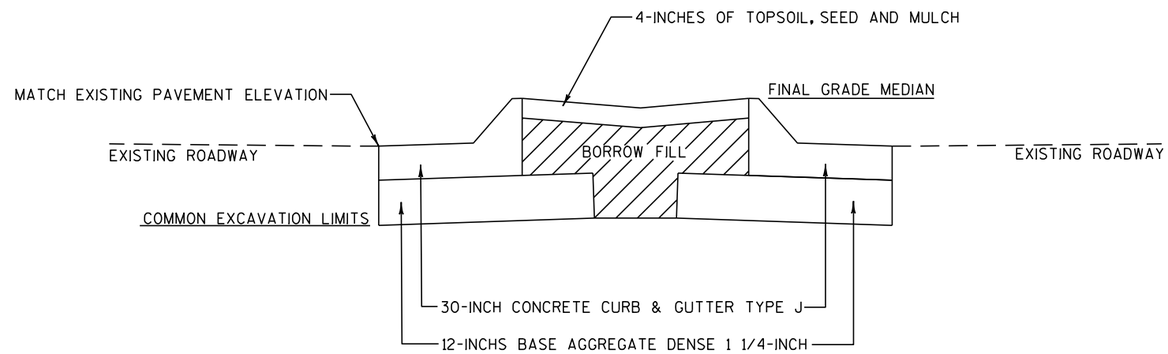
STORAGE VOLUME (C.F.) = 16 X GPM (PUMP RATE)

EXAMPLE:
CONTRACTOR INDICATES PUMP CAPABLE OF 50 GPM
HEIGHT OF BALES = 1.5 FT.

SOLUTION:
SV (C.F.) = 16 X 50
SV = 800 C.F.

$\frac{800\ C.F.}{1.5\ FT.}$ = 533 S.F.

USE A 20 FT. X 27 FT. BASIN



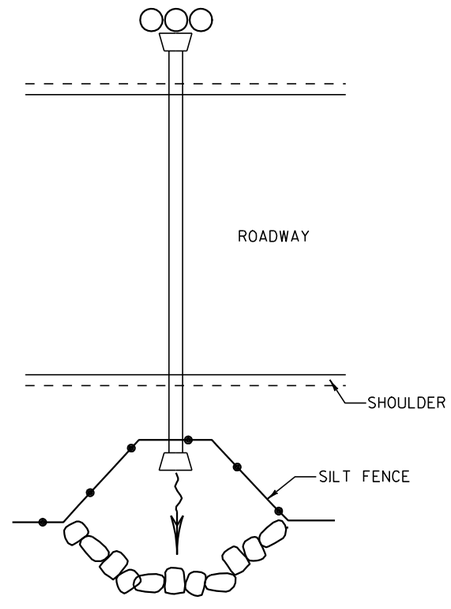
STH 50 MEDIAN RESTORATION

STA 86+00 TO STA 92+45 WB
STA 86+00 TO STA 87+00 EB

NOTES:

SET EXISTING CASTING ON INLET
AT STA 86+00 EB SIDE OF MEDIAN.

TRAFFIC CONTROL INCLUDED
IN STAGE 4a TYPICAL.



TYPICAL SILT FENCE DETAIL AT PIPE OUTLET

NOT TO SCALE

NOTE:

FOR FURTHER DETAIL
SEE SILT FENCE SDD

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS	SCALE, FEET 0	SHEET NO: 18	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

N

STH 50

172+00

173+00

49+00

48+00

CHAPIN ROAD

REMOVE EXISTING ASPHALTIC DRIVEWAY

XXXXX

EXIST. R/W

EXIST. R/W

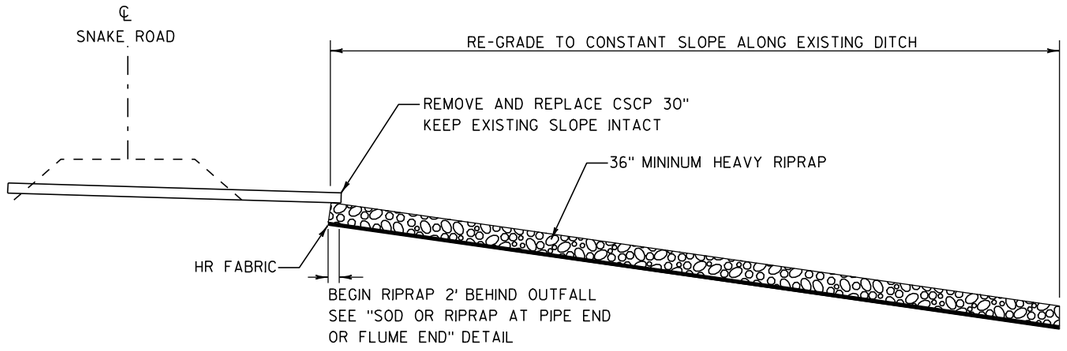
NOTES:

RESHAPE DITCH TO MATCH PROPOSED DITCH FLOWLINE OR AS DIRECTED BY ENGINEER IN FIELD.

XXXXX = SAWCUT

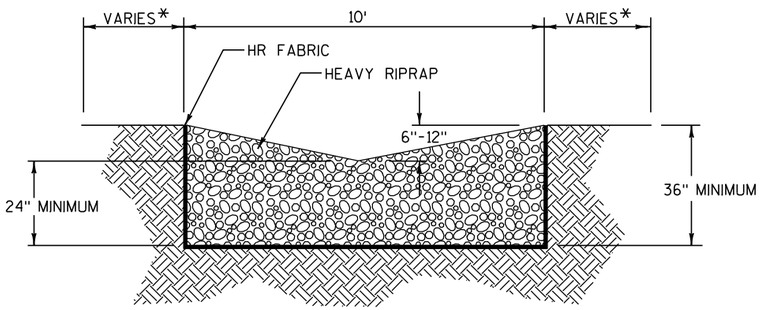
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS	SCALE, FEET 0	SHEET NO: 19	E



SNAKE ROAD RIPRAP DITCH

PROFILE VIEW

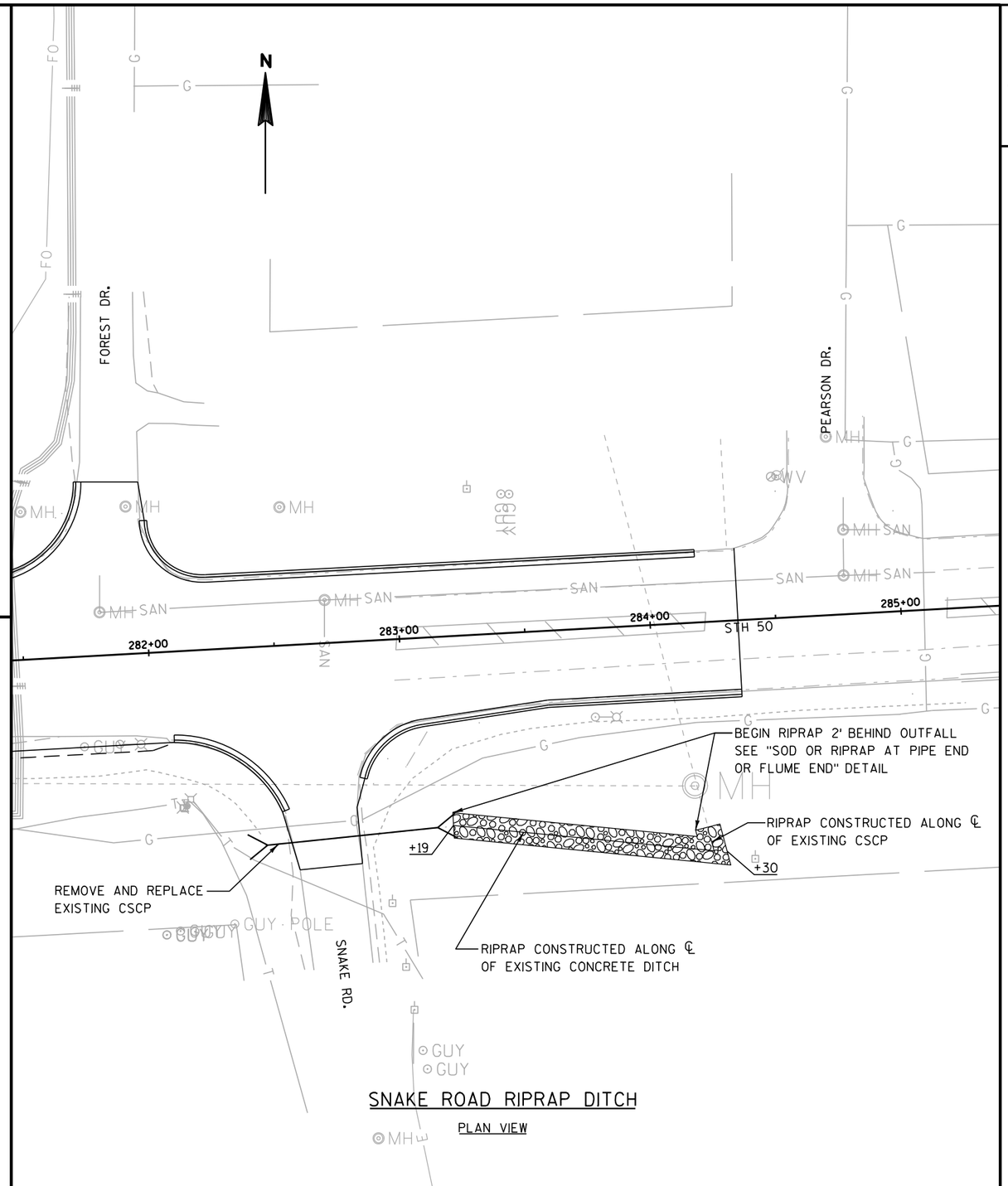


SNAKE ROAD RIPRAP DITCH

DETAIL

* NOTE:

CONTRACTOR TO PERFORM CLEARING AND GRUBBING WITHIN 10' DITCH LIMITS. MINIMIZE CLEARING OUTSIDE OF DITCH AREA DURING CONSTRUCTION. NO GRUBBING IS PERMITTED OUTSIDE OF 10' DITCH LIMIT.



SNAKE ROAD RIPRAP DITCH

PLAN VIEW

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS	SCALE, FEET	SHEET NO: 20	E

FILE NAME : j:\projects\d2_31700050\021002_cd.dgn PLOT DATE : 25-OCT-2012 16:56 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 50:1
WISDOT/CADDS SHEET 42
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

2

2

N

REMOVE 30" CSCP

REMOVE AND REPLACE INLET

90+00

91+00

92+00

93+00

94+00

95+00

STH 50

PT: 95+16.26

PI: 90+48.20

+40.26
40.98' RT

XXXXX

XXXXX

XXXXX

XXXXX

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1¼- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 21	E

2

STH 50

96+00 97+00 98+00 99+00 100+00 101+00

2' 8' 12' 12' 3' 2' 2' 3' 12' 12' 15' 3'

+27.04
52.71' RT

BEGIN PROJECT
STA. 96+00

REMOVE FLUME

+87.19 C1 R1 +39.19 9.04' LT 924.67

+87.26 C1 C3 +39.26 8.96' RT 924.76

18' 24'

924.40 C1 924.71

+27.04
51.10' RT

50' R

99+27.31
101.10' RT

925.61

+77.26
98.81' RT

REMOVE 30" CSCP

+40.00
1.42' LT
925.62

+40.00
8.58' RT
925.60

925.76 925.79 926.08 926.25 926.54 925.35

REMOVE INLET

REMOVE STORM SEWER 15"

REMOVE & REPLACE INLET

REMOVE STORM SEWER 18"

924.84 925.39 925.54

20' R

925.48 925.50 925.66 925.16 924.83 924.69 925.41 925.73 924.51 925.82 925.26 924.95 925.98

REMOVE & REPLACE INLET

CAUTION CAUTION

160' R

+79.64
54.06' RT

101+80.23
214.06' RT

GENEVA STREET

MATCHLINE MATCHLINE

N

LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1¼- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

MATCHLINE

XXXXX

GENEVA STREET

RADIUS#	LOCATION	RADIUS
1	100+36.04, 61.60' RT	20'
2	100+22.03, 124.08' RT	4'
3	101+26.63, 43.27' RT	4'

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 22	E

2

2

N

+40.00
1.42' LT
925.62

925.76

926.25

11'

101+00

926.54

926.85

102+00

+40.00
2.17' LT

927.51

927.14

103+00

+49.06
10.57' LT

927.12

927.26

104+00

+50.00
10.72' LT
927.40

105+00

106+00

+25.00
14.60' LT

+25.00
9.40' RT

+40.00
8.58' RT
925.60
925.79

926.08

926.35

926.56

926.90

926.89

927.12

927.23

+50.00
7.27' RT
927.50

12'

12'

3'

2'

STH 50

C1

C3

R1

A

A

D2

REMOVE INLET

REMOVE & REPLACE INLET

REMOVE & REPLACE INLET

CLOSE MEDIAN OPENING
REMOVE PAVEMENT
CONSTRUCT SHOULDER
AND DITCH

REMOVE 15" CSCP

REMOVE STORM SEWER 18"

REMOVE AND
REPLACE 18" CMCP

REMOVE AND
REPLACE 18" CMCP

20' R

160' R

+79.64
54.06' RT

101+80.23
214.06' RT

3'

CAUTION

CAUTION

CAUTION

EXISTING R/W

MATCH
94' RT

MATCH
91' RT

ST

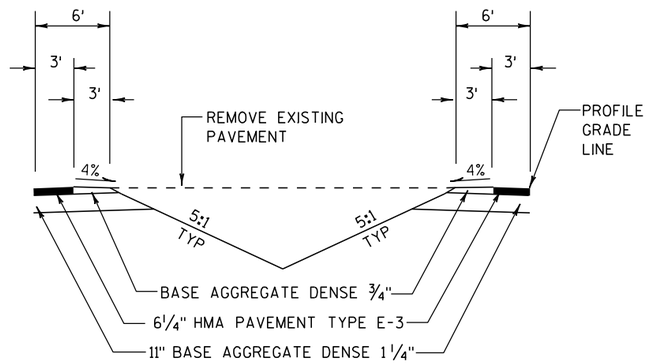
G

FO

GUY

LEGEND

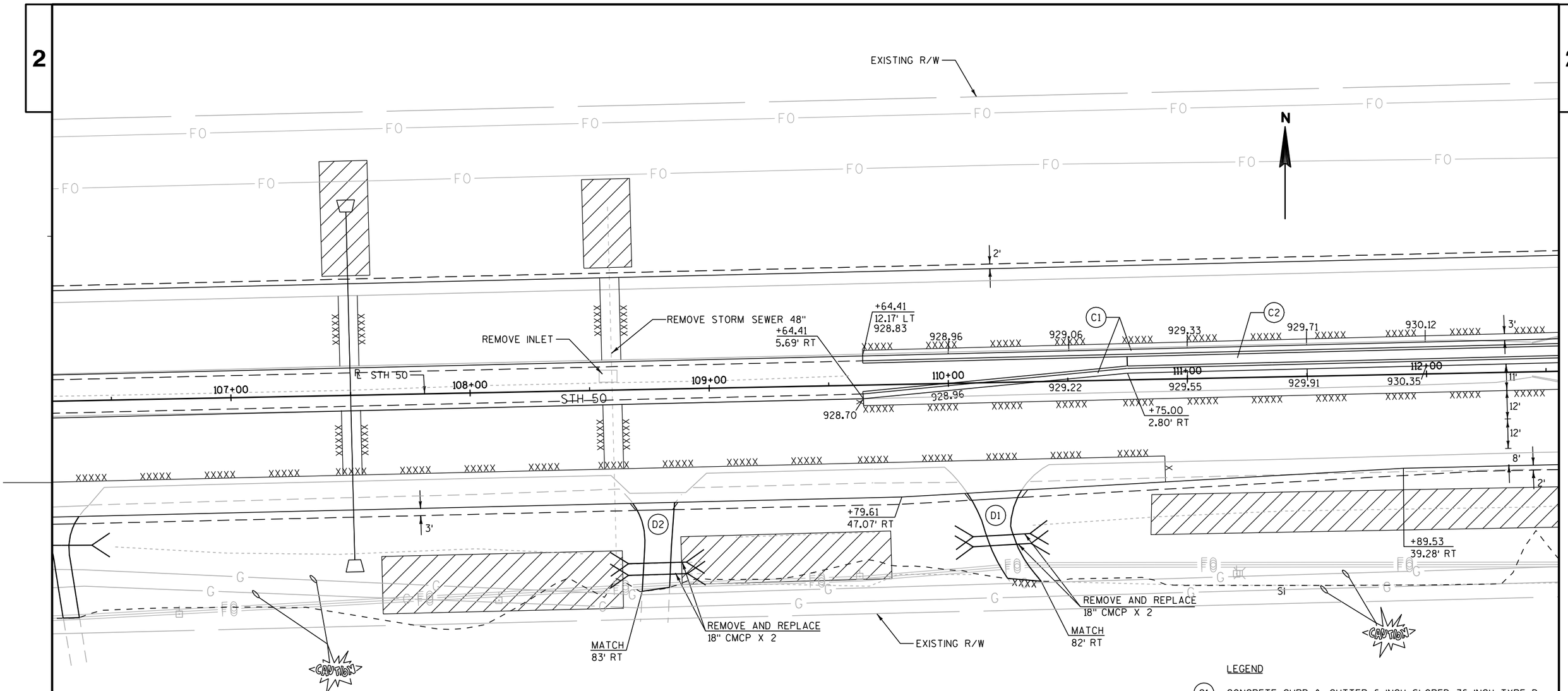
C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1 1/4- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING



DETAIL A-A

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 23	E

2



LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1 1/4- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 24	E

2

N

EXISTING R/W

REMOVE AND REPLACE
18" CMCP

MATCH
68' LT

REMOVE STORM SEWER 18"

REMOVE INLET

+55.00
6.10' LT

+55.00
7.08' LT

+64.25
15.63' LT

+75.00
3.69' LT

+77.87
2.34' RT

+87.46
6.34' LT

STH 50

℄ STH 50

930.78 931.08 932.19 933.05 934.10 935.12 936.26 937.34 938.54 939.90 941.20 942.76 944.03

930.78 931.00 932.34 933.13 934.07 934.98 936.03 937.18 938.31 939.72 941.24 942.82 944.17

113+00 114+00 115+00 116+00 117+00 118+00

+81.63
37.96' RT

+50.57
44.46' RT

MATCH
74' RT

REMOVE AND REPLACE
24" CMCP

FIELD ENTRANCE
TO REMAIN

REMOVE AND REPLACE
24" CMCP X 2

MATCH
79' RT

REMOVE AND REPLACE
18" CMCP X 2

SI

CAUTION

EXISTING R/W

LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1¼- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 25	E

2

N

STH 50, STA. 120+27.51 =
KNOLL WOOD DR., STA. 10+00.00

REMOVE ADVERTISING SIGN
STA 120+25

REMOVE LIGHT FIXTURE
STA 120+77

EXISTING R/W

STA. 122+67.52
END RESURFACING
BEGIN RECONSTRUCTION

REMOVE STORM SEWER 24"

+11.17
55.00' LT

+41.07
53.00' LT

PC: 124+58.22

WB PGL

EB PGL

REMOVE INLET

STH 50

℄ STH 50

+76.61
18.00' LT

+67.45
10.00' LT

+67.52
10.00' LT

+87.46
7.51' LT

+25.91
35.00' RT

+79.25
42.00' RT

+50.56
42.71' RT

+81.19
13.00' LT

+03.88
15.00' RT

+67.50
35.00' RT

+37.50
42.00' RT

+38.91
0.00' LT

STH 50, STA. 120+79.25, 82.00' RT
KNOLL WOOD DR., STA. 10+81.19, 53.00' LT

STH 50, STA. 119+50.56, 102.71' RT
KNOLL WOOD DR., STA. 11+03.88, 75.00' RT

REMOVE 18" CSCP

REMOVING 5" TREES

MATCH
+33.90

EXISTING R/W

KNOLL WOOD DRIVE

119+00
120+00
121+00
122+00
123+00
124+00
10+00
11+00
12+00
12+46

945.41
945.72
946.83
947.09
947.93
947.97
950.26
950.30
951.04
951.39
952.49
953.06
954.06
954.56
955.61
956.05
957.01
957.25
957.43
958.48
958.68
958.77
959.94
960.10
961.41
961.52
946.13
947.68
948.95
949.54
949.65
950.18

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1 1/4- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 26	E

2

N

ENCROACHMENT TO BE REMOVED BY OTHERS

+16.40
14.00' LT

STH 50, STA. 127+20.54, 120.00' LT
CISCO RD. (NORTH), STA. 21+16.40, 74.00' LT

REMOVE EXISTING PAVEMENT

60' R

964.82

966.36

C1

STH 50, STA. 127+92.64 =
CISCO RD. (NORTH), STA. 20+00.00

+20.54
60.00' LT

+74.25
53.00' LT

966.32

3'

2'

8'

12'

WB PGL

C1

962.87

964.07

965.13

3'

12'

966.05

C2

966.83

967.46

10'

R1

967.49

962.95

125+00

964.26

965.30

126+00

966.31

967.11

127+00

962.80

964.04

+49.46
8.11' LT

965.14

966.09

966.89

C3

967.54

+49.46
8.00' LT

11'

12'

12'

15'

3'

℄ STH 50

EB PGL

20+00

21+00

21+50

MATCH
+25.00

EXISTING R/W

ENCROACHMENT TO BE REMOVED BY OTHERS

+07.35
14.00' RT

965.45

45' R

STH 50, STA. 128+52.35, 105.00' LT
CISCO RD. (NORTH), STA. 21+07.35, 59.00' RT

SI

966.81

C1

+52.35
60.00' LT

967.51

FO

3'

15'

12'

12'

12'

11'

+49.42
10.00' LT

967.94

968.28

C3

968.48

968.53

968.44

C1

968.21

+49.42
10.00' LT

R1

968.34

10'

968.40

968.70

968.75

968.66

STH 50

968.42

128+00

129+00

130+00

131+

968.05

968.61

968.68

968.59

968.36

C2

C1

12'

3'

12'

12'

8'

2'

966.67

967.31

+37.50
42.00' RT

CAUTION

R1

C1

STH 50, STA. 128+00.93 =
CISCO RD. (SOUTH), STA. 50+00.00

50' R

ST

STH 50, STA. 127+37.50, 92.00' RT
CISCO RD. (SOUTH), STA. 50+93.47, 65.00' RT

968.66

3'

+93.47
15.00' RT

51+00

51+23

CISCO ROAD

MATCH
+10.00

967.67

967.73

C1

40' R

+57.78
42.00' RT

968.67

+83.18
15.00' LT

3'

CAUTION

STH 50, STA. 128+57.78, 82.00' RT
CISCO RD. (SOUTH), STA. 50+83.18, 55.00' LT

+04.83
35.00' RT

3'

EXISTING R/W

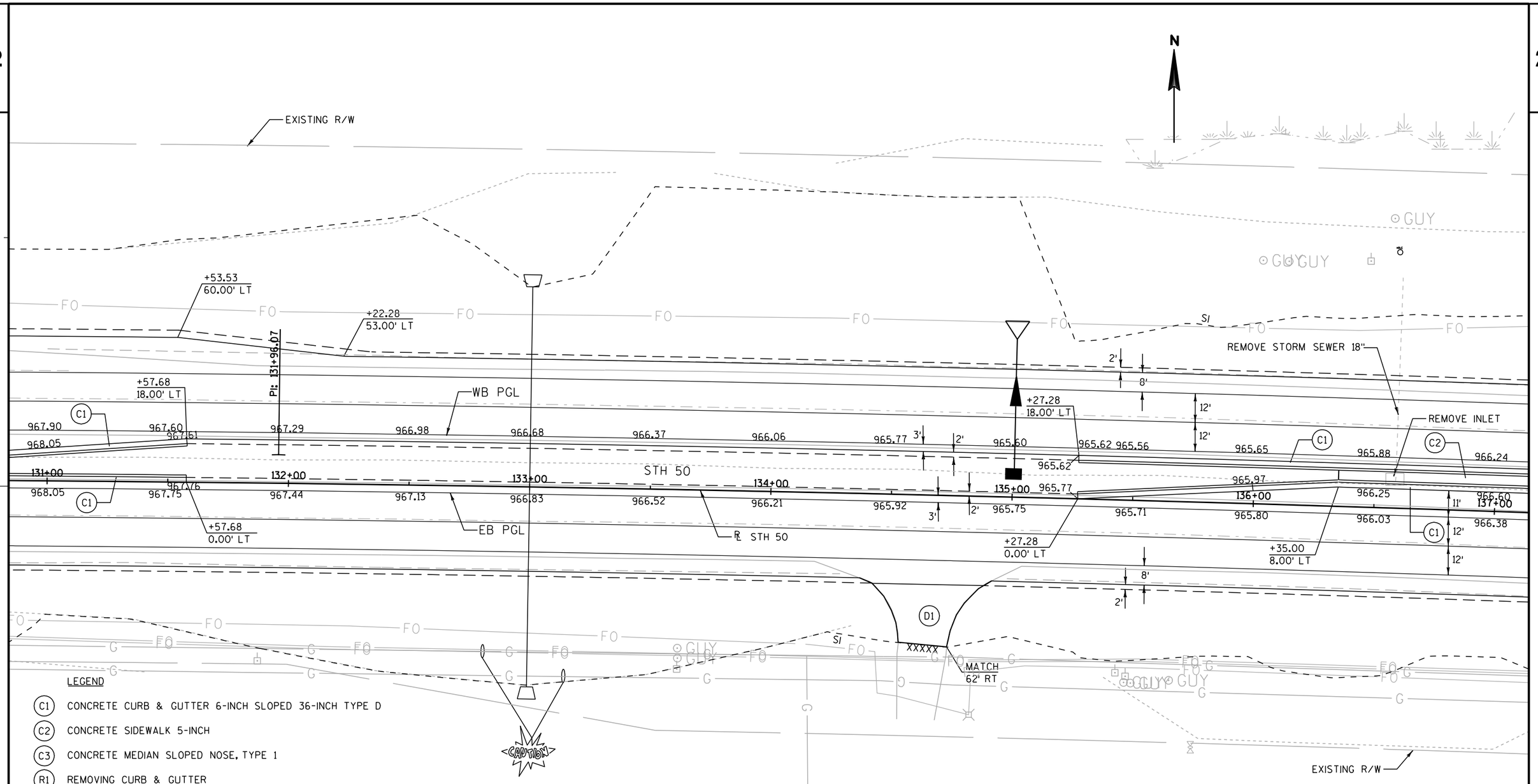
EXISTING R/W

LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1 1/4- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 27	E

2



LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1 1/4- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 28	E

2

N

EXISTING R/W

RED CHIMNEY ROAD

MATCH
+17.52

+10.70
9.85' RT

STH 50, STA. 139+44.61, 120.00' LT
RED CHIMNEY RD., STA. 21+09.85, 70.70' RT

+00.00
10.50' LT

STH 50, STA. 138+26.02, 100.00' LT
RED CHIMNEY RD., STA. 21+00.00, 50.50' LT

+26.02
60.00' LT

+79.73
53.00' LT

966.95

966.52

967.05

967.00

967.48

969.14

21+00

40' R

60' R

REMOVE 18"
CSCP

+44.61
60.00' LT

18" CMCP

MATCH
81' LT

REMOVE
18" CMCP

+44.61
60.00' LT

+15.00
10.00' LT

PT: 139+33.40

WB PGL

966.73

967.35

967.93

968.11

969.00

970.03

971.19

972.48

973.90

975.46

977.15

977.24

978.97

980.92

967.09

967.72

969.52

970.25

971.41

972.70

974.12

975.63

977.26

979.00

981.03

966.87

967.50

969.14

969.49

970.16

971.32

972.60

974.02

975.57

STH 50

EB PGL

REMOVE INLET

+24.09
18.00' LT

138+00

139+00

140+00

141+00

142+00

143+00

20-00

+35.00
8.00' LT

REMOVE STORM SEWER 18"

R STH 50

+10.91
0.00' LT

+23.42
35.00' RT

+93.42
42.00' RT

24" CMCP

REMOVE
24" CMCP

STH 50, STA. 138+81.54 =
RED CHIMNEY RD., STA. 20+00.00

MATCH
99' RT

EXISTING R/W

LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1 1/4- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 29	E

2

N

EXISTING R/W

STA. 144+20.00
END RECONSTRUCTION
BEGIN RESURFACING

+14.61
53.00' LT

WB PGL

EB PGL

983.01
983.22
983.23
983.11
985.39
985.31
987.63
989.73
991.86
994.19
994.56
995.01
998.03
998.71
999.37
1000.03
1001.00
1001.58
1002.41
1003.02
1003.68
1004.27

144+00
145+00
146+00
147+00
148+00
149+00

+20.00
8.00' RT

+20.00
8.00' LT

PC: 145+08.19

℄ STH 50

STH 50

S. COMO ROAD

10+00
11+00

+06.06
15.00' LT

STH 50, STA. 146+07.24, 100.00' LT =
S. COMO RD., STA. 11+06.06, 55.00' LT

STH 50, STA. 146+75.01 =
S. COMO RD., STA. 10+00.00

40' R

994.56

+58.31
53.00' LT

+07.24
60.00' LT

992.71

993.87

995.67

997.51

60' R

MATCH
+50.00

CAUTION

+15.19
15.00' RT

995.78

ENCROACHMENT TO BE
REMOVED BY OTHERS

EXISTING R/W

STH 50, STA. 147+39.83, 120.00' LT
S. COMO RD., STA. 11+15.19, 75.00' RT

MATCH
80' LT

REMOVE AND REPLACE
18" CMCP

+39.83
60.00' LT

REMOVE 24"
CSCP

REMOVE STORM
SEWER 18"

REMOVE INLET
+10.00
10.00' LT

+10.00
10.00' LT

995.36

+93.42
42.00' RT

STH 50, STA. 146+65.91 =
ELGIN CLUB RD., STA. 10+00.00

STH 50, STA. 145+93.42, 102.00' RT
ELGIN CLUB RD., STA. 11+00.86, 75.00' RT

EXISTING R/W

+00.86
15.00' RT

ELGIN CLUB ROAD

MATCH
+50.00

1000.28

+20.49
42.00' RT

998.87

998.86

+72.80
35.00' RT

+81.92
15.00' LT

STH 50, STA. 147+20.49, 82.00' RT
ELGIN CLUB RD., STA. 10+81.92, 55.00' LT

EXISTING R/W

LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1 1/4- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 30	E

2

2

N

EXISTING R/W

REMOVE STORM SEWER 48"

REMOVE INLET

REMOVE STORM SEWER 48"

STH 50

℄ STH 50

EXISTING R/W

+13.37
53.00' LT

+39.83
60.00' LT

+10.12
18.00' LT

+08.82
0.00' LT

+25.00
8.00' LT

+25.00
8.00' LT

PI: 151+26.57

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1¼- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 31	E

FILE NAME : j:\projects\d2_31700050\021109_PD.dgn PLOT DATE : 26-OCT-2012 09:12 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 40:1

2

2

N

EXISTING R/W

REMOVE AND REPLACE
18" CMCP

MATCH
65' LT

REMOVE INLET

REMOVE STORM SEWER 48"

MH

GUY

STH 50

℄ STH 50

PI: 157+34.32

+05.00
10.22' LT

+14.10
18.55' LT

+05.00
10.00' LT

+25.00
8.00' LT

158+00

157+00

156+00

155+00

CAUTION

MATCH
40' RT

MATCH
60' RT

REMOVE AND REPLACE
18" CMCP

EXISTING R/W

LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1 1/4- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 32	E

2

N

LAKE VIEW DR.

SOUTH END ROAD

EXISTING R/W

REMOVE AND REPLACE
18" CMCP

MATCH
70' LT

D1

C1

C2

C3

R1

+65.00
11.00' LT

+85.00
9.00' LT

+75.90
1.00' LT

STA 164+00
STA 165+00
STA 163+00
STA 162+00
STA 161+00
STA 160+00

STH 50

℄ STH 50

REMOVE
18" CMCP

18" CMCP

MATCH
50' RT

D3

CAUTION

EXISTING R/W

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1 1/4- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 33	E

FILE NAME : j:\projects\d2_31700050\021111_PD.dgn PLOT DATE : 26-OCT-2012 09:13 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 40:1

2

N

CENTRAL DRIVE

SUNSET PARK DRIVE

SOUTH END ROAD

STH 50

EXISTING R/W

GUY POLE

MH

SEPV

GUY

WV

FO

G

+87.50
20.00' LT
1032.66

+65.00
11.00' LT
1032.38

1032.02

1031.52

1030.82

1030.02

1029.76

165+00
1030.58

167+00
1031.81

1032.42

168+00
1032.73

+87.50
1.00' LT

CAUTION

R STH 50

MATCH
50' RT

REMOVE AND REPLACE
18" CMCP

EXISTING R/W

+05.91
20.00' LT
1033.09

1032.93

1032.66

171+00

+15.00
10.00' LT

1032.83

170+00
1032.98

+05.91
2.00' LT

169+00

+84.15
33.00' RT

MATCH
50' RT

+54.15
40.00' RT

1032.21

1032.60

1032.40

MATCH
70' RT

REMOVE AND REPLACE
18" CMCP

2'
8'
12'
11'
3'
15'
SI

C1 C2 C3 D1 D2

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1 1/4- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 34	E

2

LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1 1/4- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

MATCH 12+00

12+00

SUNSET BLVD.

3'

+61.00 15.00' RT

1024.59

1026.52

STH 50, STA. 174+75.90, 132.00' LT
SUNSET BLVD., STA. 11+61.00, 85.00' RT

STH 50, STA. 173+50.51 =
SUNSET BLVD., STA. 10+00.00

110' R

11+03.08 9.41' LT

STH 50, STA. 173+54.82, 105.56' LT
SUNSET BLVD., STA. 11+02.79, 24.40' LT

15' R

10+88.29 20.55' LT

CAUTION

11+00

REMOVE 18" CSCP

1027.82

+75.90 62.00' LT

1029.37

1029.56

C1

10+70.53 29.04' LT

5.5' R

R1

+28.06 62.00' LT

10+60.94 24.15' LT

+61.39 55.00' LT

+05.00 12.00' LT

1030.39

1030.74

175+00

1030.33

1030.65

C2

1030.78

10'

174+00

1030.81

C3

50+00

REMOVE STORM SEWER 24"

REMOVE INLET

1031.23

1031.29

1031.35

1031.54

1031.87

1031.93

1031.19

10

173+00

+15.00 10.00' LT

+54.67 33.00' RT

1029.98

1030.34

STH 50, STA. 173+73.36 =
CHAPIN RD., STA. 50+00.00

+08.01 40.00' RT

ENCROACHMENT TO BE REMOVED BY OTHERS

40' R

STH 50, STA. 174+08.01, 80.00' RT
CHAPIN RD., STA. 49+32.35, 55.00' RT

EXISTING R/W

+14.09 20.00' LT

1028.73

1028.84

1029.23

STH 50

177+00

1029.01

1028.91

+14.09 2.00' LT

1029.41

1029.63

1030.05

176+00

1029.77

1030.05

+32.35 15.00' RT

1030.77

1030.86

1030.76

+73.95 40.00' RT

55' R

49+00

1030.49

+92.35 11.00' RT

REMOVE AND REPLACE 18" CMCP

MATCH 70' RT

REMOVE ADVERTISING SIGN STA 172+27

REMOVE FLAG POLE STA 172+25

STH 50, STA. 172+73.95, 95.00' RT
CHAPIN RD., STA. 48+81.64, 70.00' LT

+81.64 15.00' LT

+41.64 11.00' LT

CHAPIN ROAD

MATCHLINE STA. 48+25

172+00

1032.12

1032.21

1032.40

REMOVE STORM SEWER 24"

℄ STH 50

REMOVE 24" CSCP

+15.00 10.00' LT

1031.49

48+00

MATCH 48+00

N

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 35	E

2

N

EXISTING R/W

REMOVE AND REPLACE
18" CMCP

MATCH
85' LT

REMOVE EXISTING
30" CSCP

D2

REMOVE & REPLACE INLET

REMOVE STORM SEWER 18"

REMOVE STORM SEWER 36"

REMOVE INLET

REMOVE STORM SEWER 36"

EXISTING R/W

STH 50

+45.62
55.00' LT

+75.62
62.00' LT

+14.09
20.00' LT

+14.09
2.00' LT

1028.84

1028.73

1028.91

1029.01

180+00

181+00

182+00

183+00

179+00

178+00

177+00

CAUTION

CAUTION

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1 1/4- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 36	E

2

N

EXISTING R/W

REMOVE & REPLACE INLET

2'
8'
12'
12'
3'
3'
12'
12'
8'
2'

183+00

REMOVE STORM SEWER 18"

STH 50

184+00

℄ STH 50

1037.30

+70.91
1.47' LT

1038.16

185+00

1039.65

1037.28

+70.91
19.47' LT

1038.10

C1

1039.54

1041.11

186+00

+80.00
9.35' LT

1042.53

11'

1041.03

1042.57

3'

1044.16

C2

1045.54

187+00

1044.00

+80.00
9.13' LT

1046.41

188+00

1045.81

C3

1046.75

10'

R1

REMOVE INLET

+60.00
11.04' LT

1048.50

1048.32

REMOVE STORM SEWER 18"

189+00

1049.25

1049.62

3'

11'

C1

C2

C3

D1

REMOVE AND REPLACE
18" CMCP

MATCH
55' RT

CAUTION

EXISTING R/W

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1 1/4- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

2

2

LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1 1/4- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

N

EXISTING R/W

FIELD ENTRANCE TO REMAIN

REMOVE AND REPLACE
18" CMCP

REMOVE INLET

REMOVE STORM
SEWER 18"

REMOVE
18" CMCP

18" CMCP

MATCH
55' RT

STH 50

℄ STH 50

CAUTION

EXISTING R/W

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 38	E

2

N

EXISTING R/W

MATCH
80' LT

18" CMCP

REMOVE
12" CMCP

D1

+30.00
10.00' LT

+33.34
52.30' LT

+33.35
17.44' LT

+85.51
0.50' LT

+94.00
7.46' LT

+55.42
42.48' RT

+85.44
35.30' RT

+50.00
8.09' LT

+30.00
10.00' LT

STH 50

℄ STH 50

PC: 197+86.60

197+00

198+00

199+00

200+00

196+00

195+00

194+00

1051.79

1050.19

1049.43

1048.76

1048.11

1047.58

1046.58

1046.39

1047.29

1048.03

1048.63

1049.26

1050.01

1050.78

1051.03

1052.51

1051.56

1052.27

1052.85

1053.04

1053.14

1053.02

1053.92

1053.81

1054.24

1054.75

2'
8'
12'
12'
11'
3'
12'
12'
8'
2'
10'
10'
3'
15'
3'

C1
C2
C3
R1
D1

FO
G
GUY
CV
SI

EXISTING R/W

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1¼- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 39	E

2

N

MATCH
+75.00

SCHOFIELD ROAD

52+00

1040.77

3'

3'

1041.65

1042.10

+79.62
32.45' RT

STH 50, STA. 202+16.47, 114.32' LT
SCHOFIELD RD., STA. 51+79.62, 87.45' RT

55' R

+16.47
59.32' LT

1043.17

1042.49

EXISTING R/W

+02.70
8.52' LT

STH 50, STA. 200+79.62, 109.80' LT
SCHOFIELD RD., STA. 51+02.70, 58.52' LT

1043.11

51+00

1043.05

C1

℄

50' R

STH 50, STA. 201+09.98 =
SCHOFIELD RD., STA. 50+00.00

+79.62
59.80' LT

1043.97

1044.72

REMOVE
STORM
SEWER
18"

+33.34
52.30' LT

REMOVE INLET

C3

EP: 50+00.00

BP: 50+00.00

50+00

201+00

1046.04

1044.97

+94.00
7.36' LT

1046.68

1045.75

1045.59

200+00

1047.38

1047.29

2'

8'

12'

12'

3'

11'

12'

12'

15'

3'

C1

C2

R1

+69.00
9.33' LT

1043.83

1043.57

202+00

1043.30

10'

1043.73

C2

C3

R1

℄ STH 50

CAUTION

1042.53

1042.93

STH 50

1042.11

203+00

1041.80

1041.01

1041.38

12'

3'

12'

8'

2'

+38.12
35.70' RT

1042.59

+91.27
42.68' RT

STH 50, STA. 201+43.90 =
SNAKE RD., STA. 50+00.00

60' R

STH 50, STA. 201+91.27, 102.68' RT
SNAKE RD., STA. 49+10.27, 72.25' RT

EXISTING R/W

R1

C1

1043.23

1042.50

REMOVE
24" CSCP

℄

1044.62

1043.31

+55.77
42.62' RT

45' R

STH 50, STA. 200+55.77, 87.62' RT
SNAKE RD., STA. 48+94.49, 62.06' LT

1042.06

1042.25

49+00

1042.51

+10.27
12.25' RT

+94.49
17.06' LT

CAUTION

MATCH AT EXISTING
STONE WALL

3'

3'

1042.39

SNAKE ROAD

MATCH
+50.00

EXISTING R/W

MATCH
90' LT

REMOVE AND REPLACE
18" CMCP

D1

+15.89
59.51' LT

+85.33
52.61' LT

+82.30
17.47' LT

C2

C1

C2

1039.07

1038.58

1038.96

1038.30

11'

205+00

1039.79

1040.65

1038.59

204+00

1040.20

+69.00
9.27' LT

+10.00
7.50' LT

+03.90
0.58' RT

C1

3'

15'

12'

12'

11'

12'

3'

12'

8'

2'

EXISTING R/W

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1 1/4- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 40	E

2

2

N

EXISTING R/W

MATCH
77' LT

REMOVE
15" CMCP

18" CMCP

D1

+49.09
18.00' LT

1031.54

MATCH
75' LT

REMOVE AND REPLACE
18" CMCP

+40.00
10.00' LT

1032.07

211+00

R STH 50

1031.42

+49.09
0.75' RT

STH 50

1032.64

210+00

1031.87

1033.27

209+00

1032.41

1033.97

1032.01

REMOVE STORM SEWER 18"

+85.33
52.61' LT

+40.00
9.90' LT

1034.76

1033.74

208+00

1034.54

1035.43

1035.42

1036.50

207+00

1036.47

1037.60

1037.78

206+00

1038.58

1038.30

+60.00
7.74' LT

REMOVE
INLET

REMOVE ENTRANCE APRON

15" CMCP

REMOVE
15" CMCP

MATCH
60' RT

EXISTING R/W

C1 C2 C3 R1 D1 D2

2' 8' 12' 12' 11' 3' 10' 10' 3' 11' 12' 12' 8' 2'

GUY

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1 1/4- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 41	E

FILE NAME : j:\projects\d2_31700050\021119_PD.dgn PLOT DATE : 26-OCT-2012 09:18 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 40:1

2

N

EXISTING R/W

MATCH
80' LT

REMOVE AND REPLACE
18" CMCP

D2

REMOVE & REPLACE
INLET

217+00

REMOVE STORM SEWER 18"

STH 50

216+00

215+00

214+00

R STH 50

213+00

212+00

REMOVE & REPLACE
INLET

REMOVE STORM SEWER 36"

2'
8'
12'
12'
3'
3'
12'
12'
8'
2'

D2

18" CMCP

REMOVE
12" CMCP

MATCH
66' RT

CAUTION

D1

REMOVE AND REPLACE
18" CMCP

XXXXX

MATCH
75' RT

EXISTING R/W

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1 1/4- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 42	E

2

N

EXISTING R/W

MATCH
80' LT

REMOVE
12" CMCP

18" CMCP

D2

MATCH
+11.00

COACHMAN
TERRACE

CAPTION

21+00

3'

+90.18
13.70' LT

1055.11

+21.35
60.00' LT

30.15

1055.06

C1

REMOVE 24" CSCP

1054.58

+74.68
50.00' LT

2'
8'
12'
12'

C3

1054.99

R1

10'

1054.96

223+00

1053.53

1053.46

3'

1051.97

+07.00
8.00' LT

C2

C1

1050.33

1051.96

222+00

11'

1048.67

1050.39

12'

12'

8'

2'

+97.91
18.00' LT

1045.26

1047.03

STH 50

1048.83

221+00

1047.04

220+00

+07.00
8.00' LT

+97.91
0.00' LT

1045.15

C1

D2

18" CMCP

REMOVE
15" CMCP

MATCH
60' RT

219+00

℄ STH 50

218+00

D1

REMOVE AND REPLACE
18" CMCP

MATCH
60' RT

REMOVE AND REPLACE
18" CMCP

FIELD ENTRANCE
TO REMAIN

MATCH
61' RT

D1

REMOVE AND REPLACE
18" CMCP

MATCH
65' RT

EXISTING R/W

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1 1/4- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 43	E

2

N

ENCROACHMENT TO BE REMOVED BY OTHERS

EXISTING R/W

REMOVE AND REPLACE
18" CMCP

MATCH
75' LT

MATCH
82' LT

REMOVE AND REPLACE
18" CMCP

+43.37
50.00' LT

+43.37
60.00' LT

CAUTION

D2

2'

8'

3'

15'

12'

+36.09
18.00' LT

1062.48

1062.16

1062.29

228+00

R STH 50

REMOVE LIGHT FIXTURE
STA 223+47

REMOVE DECORATIVE
STONE STA 223+33

REMOVE ADVERTISING
SIGN AND LIGHT FIXTURE
STA 223+23

STH 50, STA. 223+21.35, 90.00' LT
COACHMAN TERRACE, STA. 20+90.18,
43.70' LT

+21.35
60.00' LT

MATCH
+11.00

+90.18
13.70' LT

COACHMAN TERRACE

+98.00
13.52' RT

REMOVE DECORATIVE STONE
STA 223+97

STH 50, STA. 224+18.37, 100.00' LT
COACHMAN TERRACE, STA. 20+98.00,
53.52' RT

+18.37
60.00' LT

1055.43

1055.11

1055.06

1056.00

1056.82

40' R

30' R

REMOVE 24" CSCP

REMOVE INLET

+27.00
10.00' LT

+27.00
10.00' LT

1061.65

1061.49

+36.09
0.00' LT

227+00

STH 50

1060.98

1060.24

1060.87

1061.46

226+00

1059.50

1059.20

1058.41

1058.02

1058.12

225+00

1057.84

REMOVE STORM SEWER
30"

+54.69
50.00' LT

1054.58

1054.99

1054.96

1053.53

1053.46

224+00

223+00

+07.00
8.00' LT

10'

11'

20.00

REMOVE
15" CMCP

MATCH
60' RT

18" CMCP

STH 50, STA. 223+66.82 =
COACHMAN TERRACE, STA. 20+00.00

MATCH
57' RT

REMOVE AND REPLACE
18" CMCP

MATCH
60' RT

EXISTING R/W

MATCH
60' RT

C1 C2 C3 R1 D1 D2

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1 1/4- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 44	E

2

LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1¼- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

N

EXISTING R/W

REMOVE DECORATIVE STONE
STA 231+27

MATCH
75' LT

REMOVE AND REPLACE
18" CMCP

REMOVE DECORATIVE STONE
STA 231+51

REMOVE AND REPLACE
21" CMCP

MATCH
75' LT

CAUTION

+25.00
10.00' LT

+45.00
8.00' LT

+35.91
18.00' LT

+35.91
0.00' LT

+45.00
8.00' LT

STH 50

229+00

230+00

231+00

232+00

233+00

234+00

1062.22

1062.24

1062.06

1061.89

1061.87

1061.64

1061.53

1061.35

1061.24

1061.08

1060.95

1060.91

1060.63

1060.53

1060.07

1060.06

1060.05

1060.05

2'

8'

12'

12'

12'

12'

8'

2'

3'

11'

10'

10'

11'

3'

R STH 50

EXISTING R/W

MATCH
60' RT

MATCH
57' RT

MATCH
57' RT

REMOVE AND REPLACE
18" CMCP

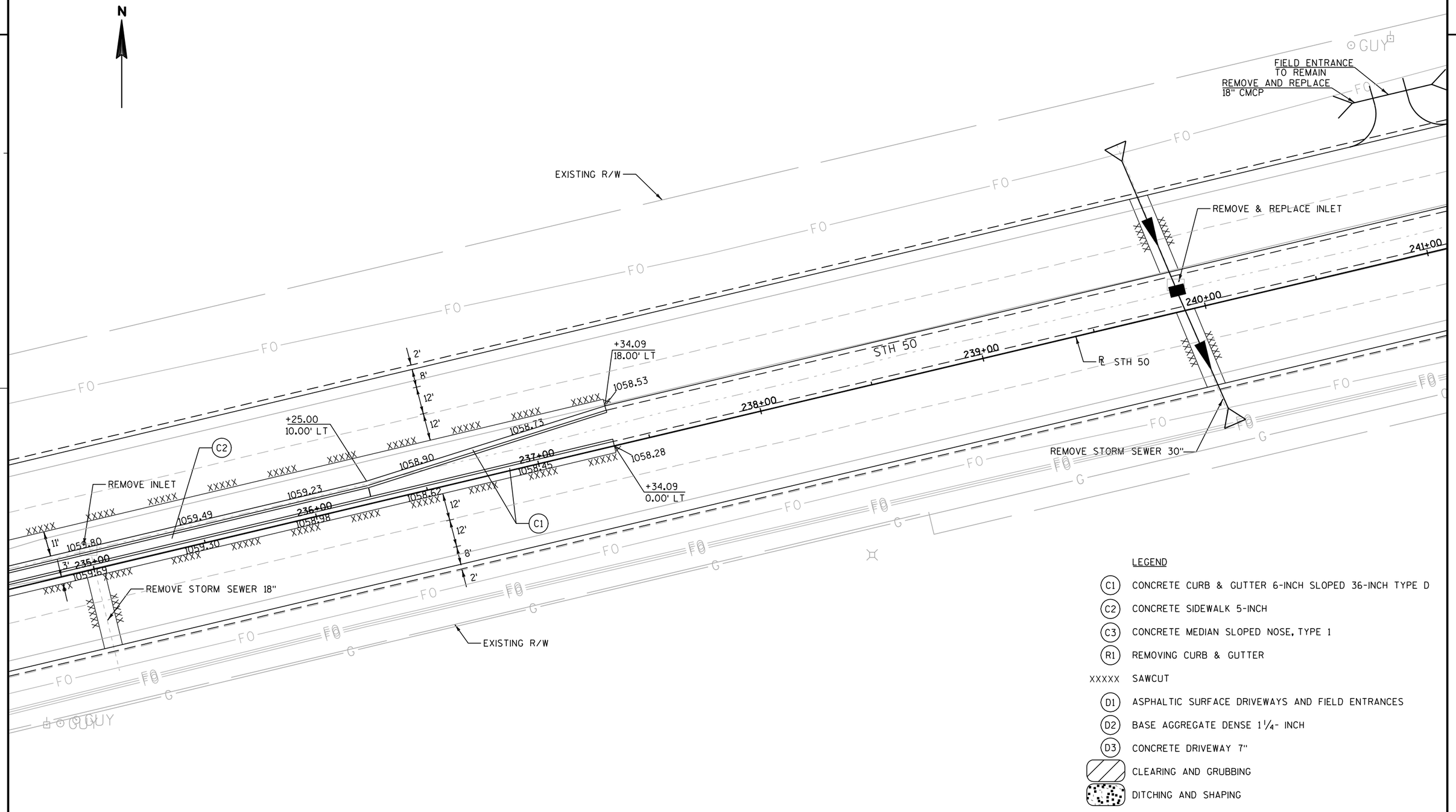
GUY

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 45	E

FILE NAME : J:\projects\d2_31700050\021123_PD.dgn PLOT DATE : 04-JAN-2013 09:44 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2



LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1¼- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 46	E

2

N

EXISTING R/W

MATCH
80' LT

REMOVE AND REPLACE
18" CMCP

REMOVE STORM SEWER 30"

D1

C1

C2

+83.91
18.00' LT

1054.12

1053.79

1053.61

1053.40

1053.20

1053.01

247+00

1053.50

246+00

1053.80

1053.96

+93.00
8.00' LT

245+00

1054.11

+83.91
0.00' LT

244+00

243+00

242+00

STH 50

℄ STH 50

℄ STH 50

EXISTING R/W

D2

2'
8'
12'
12'
3'
3'
12'
12'
8'
2'

SEPV
GUY
FO
G

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1¼- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 47	E

2

2

N

EXISTING R/W

MATCH
65'LT

REMOVE
15" CMCP

18" CMCP

D1

REMOVE & REPLACE INLET

SAWCUT AT
FLANGE LINE

1050.02
1049.89
1049.31
1049.62
1050.36
1050.69
1051.03
1049.92
1050.18
1050.38
1050.76
1051.14
1051.45
1051.68
1051.82
1051.39
1051.73
1051.99
1052.22
1052.23
1052.57
1052.55
1052.80
1052.91

253+00
252+00
251+00
250+00
249+00
248+00

12"

C1

R1

C3

C2

REMOVE STORM SEWER 15"

STH 50

R STH 50

L STH 50

CAUTION

MATCH
60'LT

REMOVE
INLET

247+86.83
P.C.

3'

10'

11'

12'

12'

8'

2'

+93.00
8.00' LT

REMOVE STORM
SEWER 18"

STA. 253+16
BEGIN VARIABLE WIDTH
CONCRETE CORRUGATED MEDIAN
(8' WIDTH)

EXISTING R/W

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1 1/4- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 48	E

FILE NAME : j:\projects\d2_31700050\021126_PD.dgn PLOT DATE : 26-OCT-2012 09:23 PLOT BY : d1tj3s PLOT NAME : PLOT SCALE : 40:1

2

N

EXISTING R/W

GUY

REMOVE AND REPLACE
18" CMCP

MATCH
62' LT

D1

STA. 257+00
REMOVE INLET

REMOVING 4'
CONCRETE MEDIAN

STH 50

SAWCUT AT
FLANGE LINE

1048.41

256+00

257+00

258+00

259+00

℄ STH 50

SAWCUT 1' OFFSET
CONCRETE MEDIAN

1049.60
1049.26
1048.88
1048.96
1048.67
1048.20
1048.00

25H+00
25H+00

4'

STA. 257+00
REMOVE STORM SEWER 15"

D2

REMOVE
15" CMCP

18" CMCP

MATCH
56' RT

STA. 255+45
END VARIABLE WIDTH
CONCRETE CORRUGATED MEDIAN
(4' WIDTH)

EXISTING R/W

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1 1/4- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING

2

2

N

EXISTING R/W

DUMMER DR.

REMOVE AND REPLACE
18" CMCP

REMOVE EXISTING PAVEMENT

MATCH
56' LT

REMOVE EXISTING
PAVEMENT

XXXXX

D1

REMOVING 4'
CONCRETE MEDIAN

FIELD ENTRANCE
TO REMAIN

REMOVE AND REPLACE
18" CMCP

MATCH
60' LT

REMOVE EXISTING PAVEMENT

XXXX

D1

REMOVING 4'
CONCRETE MEDIAN

XXXXX 260+00 XXXXX XXXXX XXXXX XXXXX 261+00 XXXXX XXXXX XXXXX XXXXX 262+00 XXXXX XXXXX XXXXX XXXXX 263+00 XXXXX XXXXX XXXXX XXXXX 264+00 XXXXX XXXXX XXXXX XXXXX 265+00 XXXXX XXXXX XXXXX XXXXX XXXXX

STH 50

SAWCUT 1' OFFSET
CONCRETE MEDIAN

℄ STH 50

EXISTING INLET TO REMAIN

EXISTING 18" RCP TO REMAIN

EXISTING R/W

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C2	CONCRETE SIDEWALK 5-INCH
C3	CONCRETE MEDIAN SLOPED NOSE, TYPE 1
R1	REMOVING CURB & GUTTER
XXXXX	SAWCUT
D1	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	BASE AGGREGATE DENSE 1¼- INCH
D3	CONCRETE DRIVEWAY 7"
	CLEARING AND GRUBBING
	DITCHING AND SHAPING

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 50	E

FILE NAME : J:\projects\d2_31700050\021128_PD.dgn PLOT DATE : 04-JAN-2013 09:44 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1 1/4- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

N

EXISTING R/W

F O

EXISTING INLET TO REMAIN

EXISTING 18" RCP TO REMAIN

EXISTING INLET TO REMAIN

EXISTING 18" RCP TO REMAIN

REMOVING 4'
CONCRETE MEDIAN

XXXXX

266+00 267+00 268+00 269+00 270+00 271+00 272+0

STH 50

SAWCUT 1' OFFSET
CONCRETE MEDIAN

℄ STH 50

EXISTING INLET TO REMAIN

EXISTING 18" RCP TO REMAIN

EXISTING INLET TO REMAIN

EXISTING 18" RCP TO REMAIN

T G S

EXISTING R/W

2

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 51	E

2

2

LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1 1/4- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

N

EXISTING R/W

MATCH 60'LT

REMOVE AND REPLACE 18" CMCP

EXISTING INLET TO REMAIN

EXISTING 18" RCP TO REMAIN

D1

REMOVING 4' CONCRETE MEDIAN

2+00 273+00 274+00 275+00 276+00 277+00 278+00

SAWCUT 1' OFFSET CONCRETE MEDIAN

℄ STH 50

STH 50

EXISTING 24" RCP TO REMAIN

EXISTING INLET TO REMAIN

EXISTING 24" RCP TO REMAIN

EXISTING INLET TO REMAIN

EXISTING R/W

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 52	E

LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C2) CONCRETE SIDEWALK 5-INCH
- (C3) CONCRETE MEDIAN SLOPED NOSE, TYPE 1
- (R1) REMOVING CURB & GUTTER
- XXXXX SAWCUT
- (D1) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (D2) BASE AGGREGATE DENSE 1 1/4- INCH
- (D3) CONCRETE DRIVEWAY 7"
- CLEARING AND GRUBBING
- DITCHING AND SHAPING

N

EXISTING R/W

FOREST ST.

EXISTING 15" CSCP TO REMAIN

EXISTING 60" CSCP TO REMAIN

MANHOLE TO BE ADJUSTED

STOP NEW CURB & GUTTER 2' PRIOR TO INLET

281+36.78
71.45'LT

+33.5
26.86'LT

40'R

25'R

282+24.15
51.87'LT

944.16

942.44

941.04

939.97

936.41

934.38

932.50

931.90

MANHOLE TO BE ADJUSTED

REMOVING 4' CONCRETE MEDIAN

5'

279+00

280+00

281+00

282+00

283+00

284+00

STH 50

℄ STH 50

SAWCUT 1' OFFSET CONCRETE MEDIAN

940.84

939.10

938.14

937.02

935.85

934.34

932.43

931.58

50'R

30'R

282+05.86
83.16'RT

283+10.07
62.30'RT

END PROJECT STA. 284+35

EXISTING CONCRETE JT. BOX TO REMAIN

EXISTING 30" RCP TO REMAIN

EXISTING INLET TO REMAIN

EXISTING 30" RCP TO REMAIN

REMOVE EXISTING PAVEMENT

REMOVE AND REPLACE EXISTING CSCP

INSTALL HEAVY RIPRAP DITCH SEE CONSTRUCTION DETAIL

EXISTING R/W

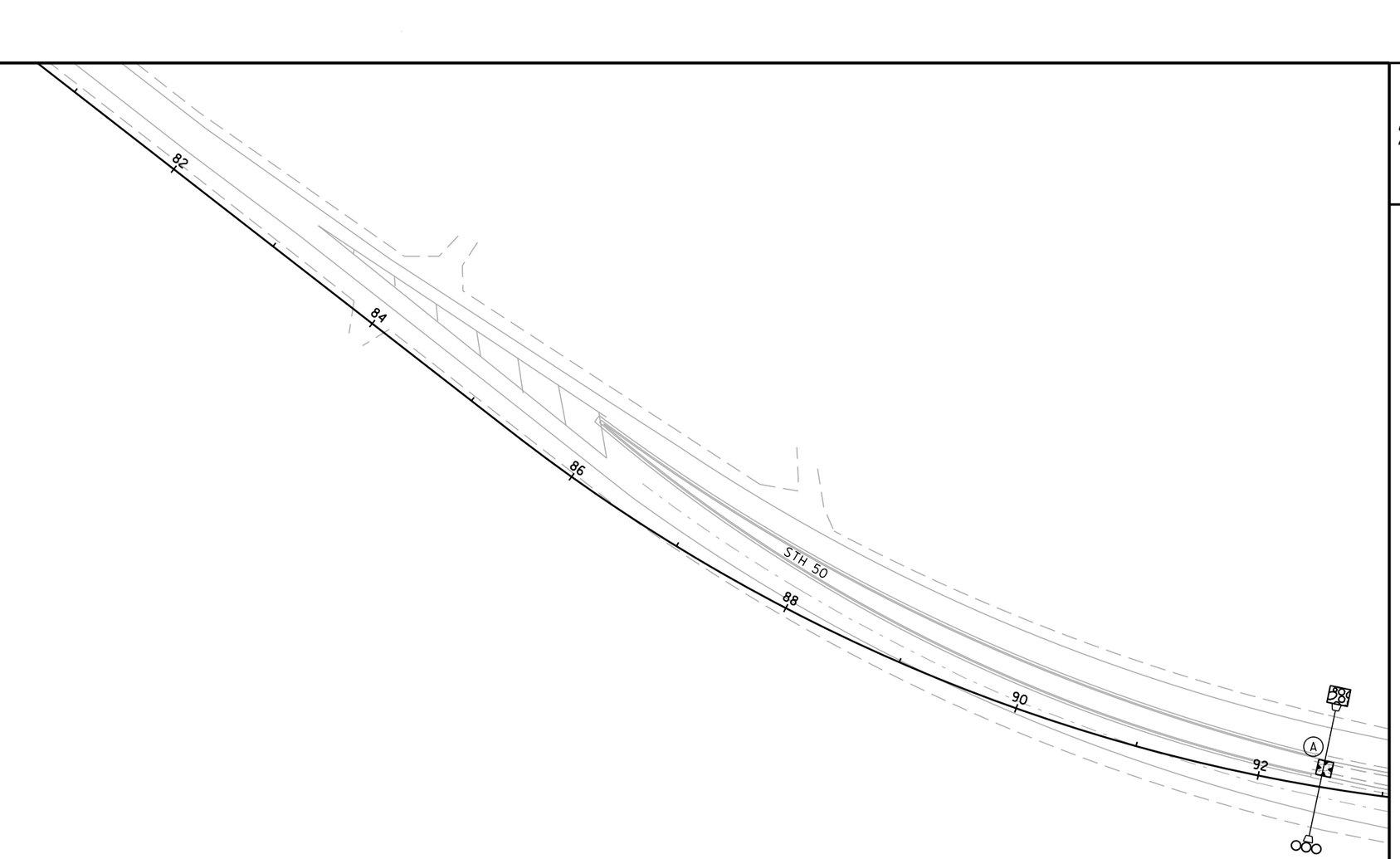
SNAKE RD.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAIL	SHEET 53	E

FILE NAME : J:\projects\d2_31700050\021131_PD.dgn PLOT DATE : 04-JAN-2013 09:44 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2



EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP / LIGHT RIPRAP
- EROSION BALE / FLOW ARROW
- CULVERT PIPE CHECK

N

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 54	E

2

2

N

EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP LIGHT RIPRAP
- EROSION BALE FLOW ARROW
- CULVERT PIPE CHECK

BEGIN PROJECT
STA. 96+00
3170-00-70

EXISTING R/W

94 96 98 100 102 STH 50 104 106 108

POST

EXISTING R/W

+00
70' RT

+50
70' RT

+90
80' RT

+50
75' RT

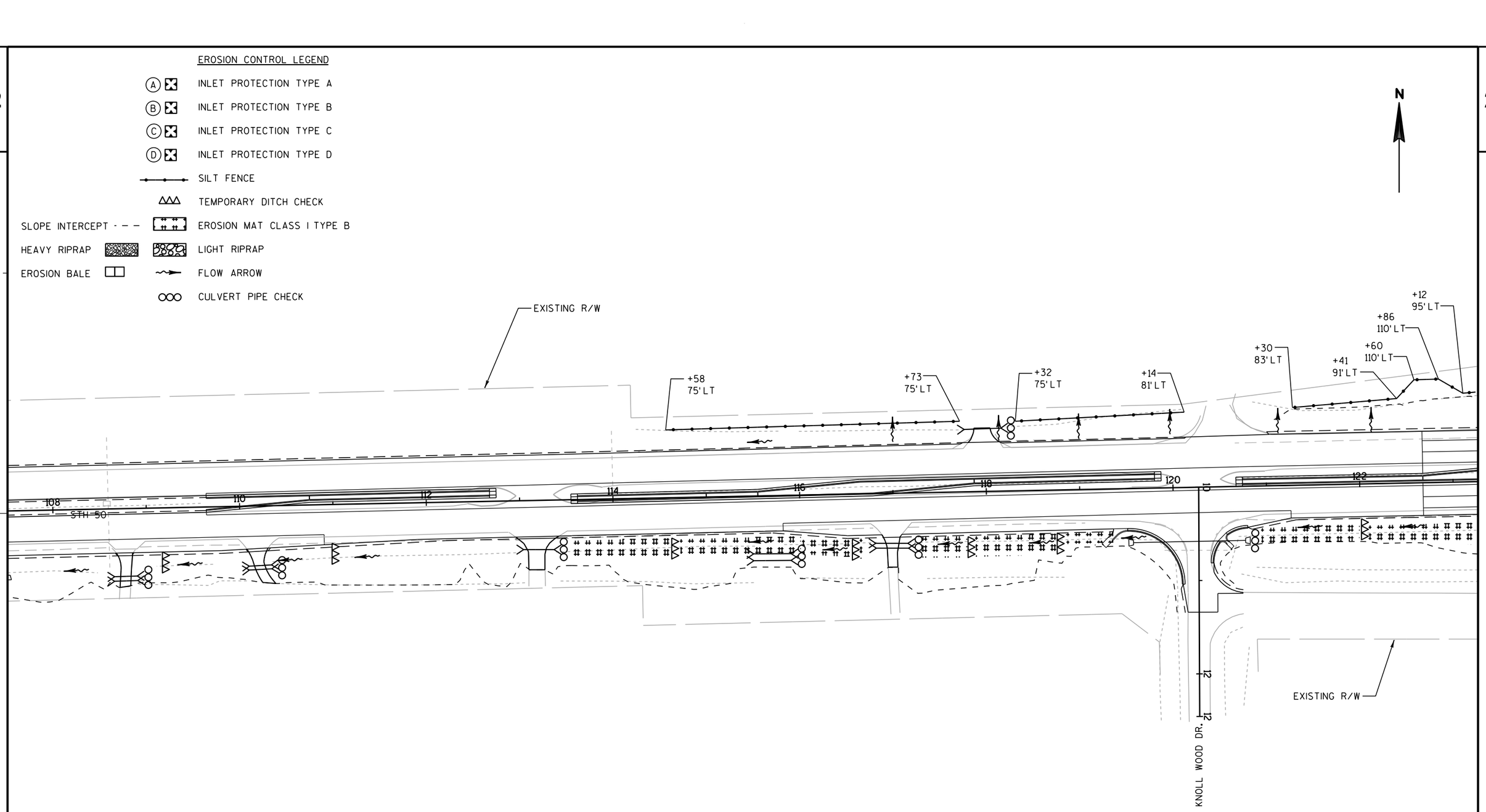
GENEVA ST.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 55	E

2

EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP / LIGHT RIPRAP
- EROSION BALE / FLOW ARROW
- CULVERT PIPE CHECK



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 56	E

2

2

N

EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP LIGHT RIPRAP
- EROSION BALE FLOW ARROW
- CULVERT PIPE CHECK

+25 96' LT
+50 98' LT
+00 100' LT
+23 90' LT
+44 98' LT
+80 96' LT
+45 96' LT
+00 107' LT
+50 114' LT
+48 127' LT
EXISTING R/W
+50 70' LT
+17 86' LT
+65 100' LT

STH 50

124 126 128 130 132 134 136

21

20

18

CISCO RD 15

EXISTING R/W

+50 72' RT
+50 72' RT
+00 64' RT
+50 74' RT
+00 67' RT

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 57	E

2

N

+00
85' LT

+65
100' LT

RED CHIMNEY RD.

EXISTING R/W

S. COMO RD.

+00
90' LT

+60
95' LT

+90
100' LT

STH 50

WINDWOOD DR.

+50
74' RT

+00
67' RT

+00
65' RT

+00
65' RT

ELGIN CLUB RD.

EXISTING R/W

EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP / LIGHT RIPRAP
- EROSION BALE / FLOW ARROW
- CULVERT PIPE CHECK

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 58	E

2

2

EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP / LIGHT RIPRAP
- EROSION BALE / FLOW ARROW
- CULVERT PIPE CHECK

N

+10
100' LT

EXISTING R/W

LAKE VIEW DR.

STH 50

154 156 158 160 162 164 166

A

EXISTING R/W

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 59	E

FILE NAME : J:\projects\d2_31700050\022005_EC.dgn PLOT DATE : 04-JAN-2013 09:35 PLOT BY : dtj3s PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

2

EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP / LIGHT RIPRAP
- EROSION BALE / FLOW ARROW
- CULVERT PIPE CHECK

N

CENTRAL DR.

SUNSET PARK DR.

SUNSET BLVD.

14

12

+10
88' LT

+14
109' LT

+58
105' LT

+90
91' LT

+26
110' LT

+50
110' LT

EXISTING R/W

168

170

172

174

176

STH 50

178

180

182

90

70

EAST CT.

48

CHAPIN RD.

46

EXISTING R/W

+00
75' RT

+20
85' RT

+00
85' LT

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 60	E

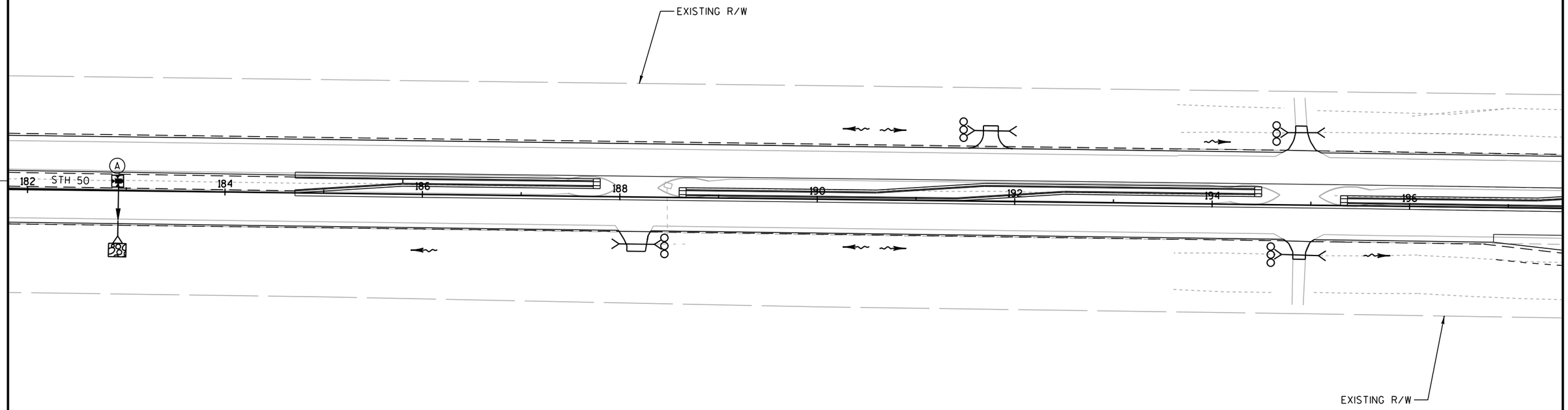
2

2

EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP / LIGHT RIPRAP
- EROSION BALE / FLOW ARROW
- CULVERT PIPE CHECK

N



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 61	E

FILE NAME : J:\projects\d2_31700050\022007_EC.dgn PLOT DATE : 04-JAN-2013 09:35 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

2

EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP / LIGHT RIPRAP
- EROSION BALE / FLOW ARROW
- CULVERT PIPE CHECK

N

EXISTING R/W

SCHOFIELD RD.

ELDORADO DR.

STH 50

198 200 202 204 206 208 210

STH 50

42

A

N. LAKESHORE DR.

EXISTING R/W

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 62	E

FILE NAME : J:\projects\d2_31700050\022008_EC.dgn PLOT DATE : 04-JAN-2013 09:35 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

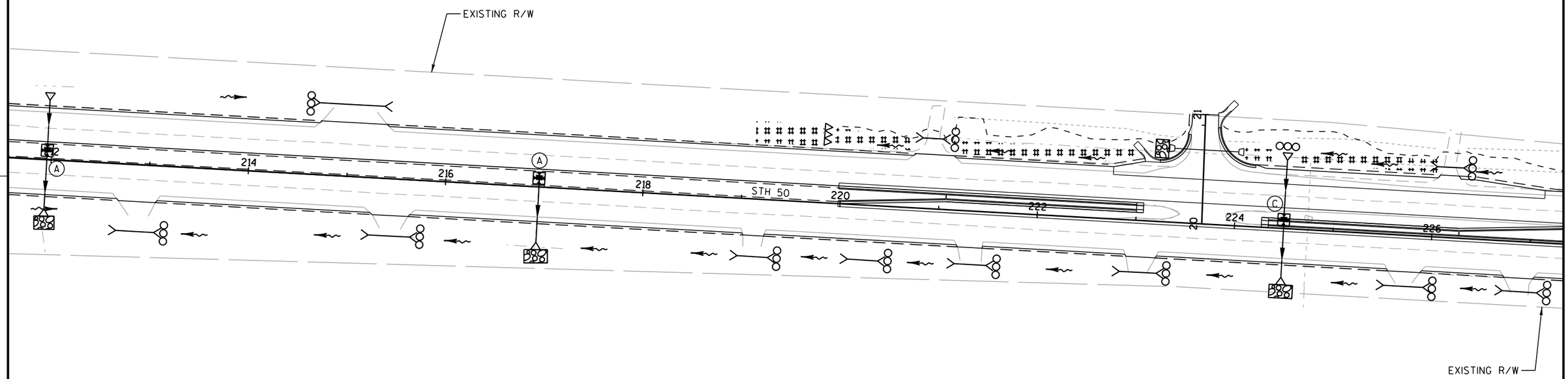
2

2

EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP LIGHT RIPRAP
- EROSION BALE FLOW ARROW
- CULVERT PIPE CHECK

N



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 63	E

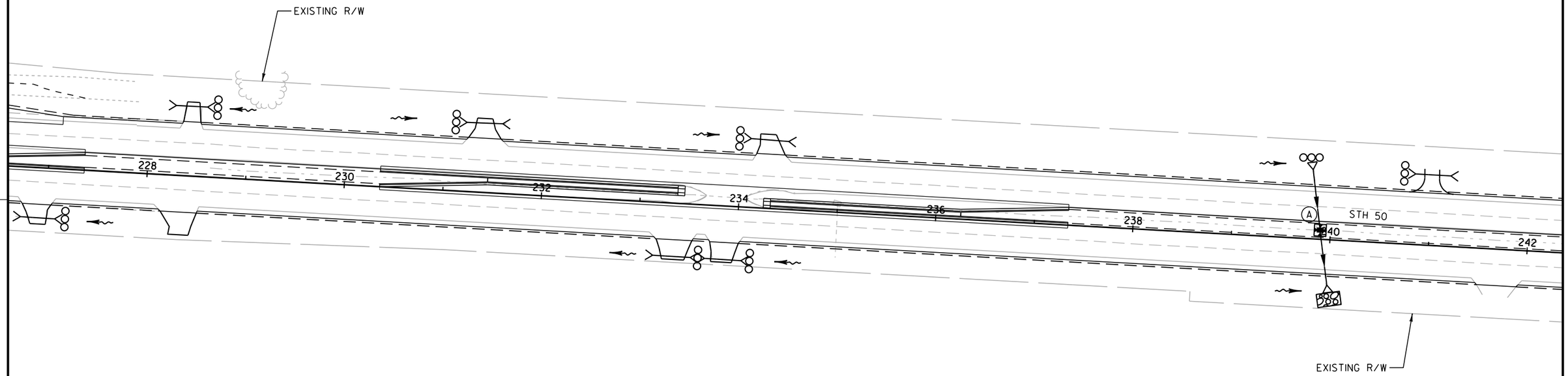
2

2

EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP / LIGHT RIPRAP
- EROSION BALE / FLOW ARROW
- CULVERT PIPE CHECK

N



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 64	E

FILE NAME : J:\projects\d2_31700050\022010_EC.dgn PLOT DATE : 04-JAN-2013 09:35 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP / LIGHT RIPRAP
- EROSION BALE / FLOW ARROW
- CULVERT PIPE CHECK

N

EXISTING R/W

STH 50

242 244 246 248 250 252 254 256

A C A

EXISTING R/W

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 65	E

FILE NAME : J:\projects\d2_31700050\022011_EC.dgn PLOT DATE : 04-JAN-2013 09:35 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 100:1

2

N

EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP / LIGHT RIPRAP
- EROSION BALE / FLOW ARROW
- CULVERT PIPE CHECK

EXISTING R/W

STH 50

258 260 262 264 266 268 270

EXISTING R/W

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 66	E

2

N

EROSION CONTROL LEGEND

- (A) INLET PROTECTION TYPE A
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SILT FENCE
- TEMPORARY DITCH CHECK
- SLOPE INTERCEPT - - - EROSION MAT CLASS I TYPE B
- HEAVY RIPRAP LIGHT RIPRAP
- EROSION BALE FLOW ARROW
- CULVERT PIPE CHECK

FOREST ST.

PEARSON DR.

EXISTING R/W

272 274 276 STH 50 278 280 282 284 286 STH 50

MH

SNAKE RD.

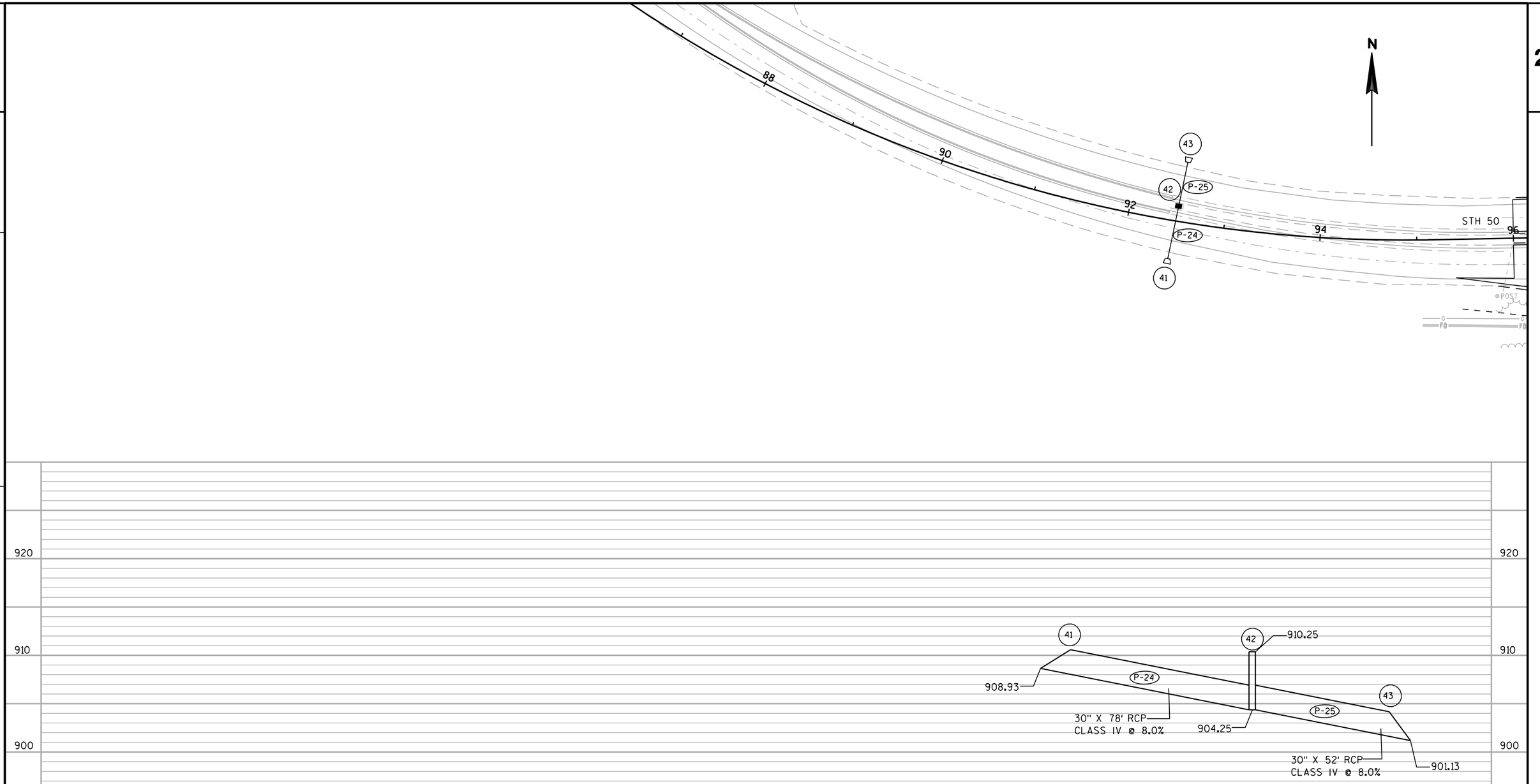
END PROJECT
STA. 284+35
3170-00-70

EXISTING R/W

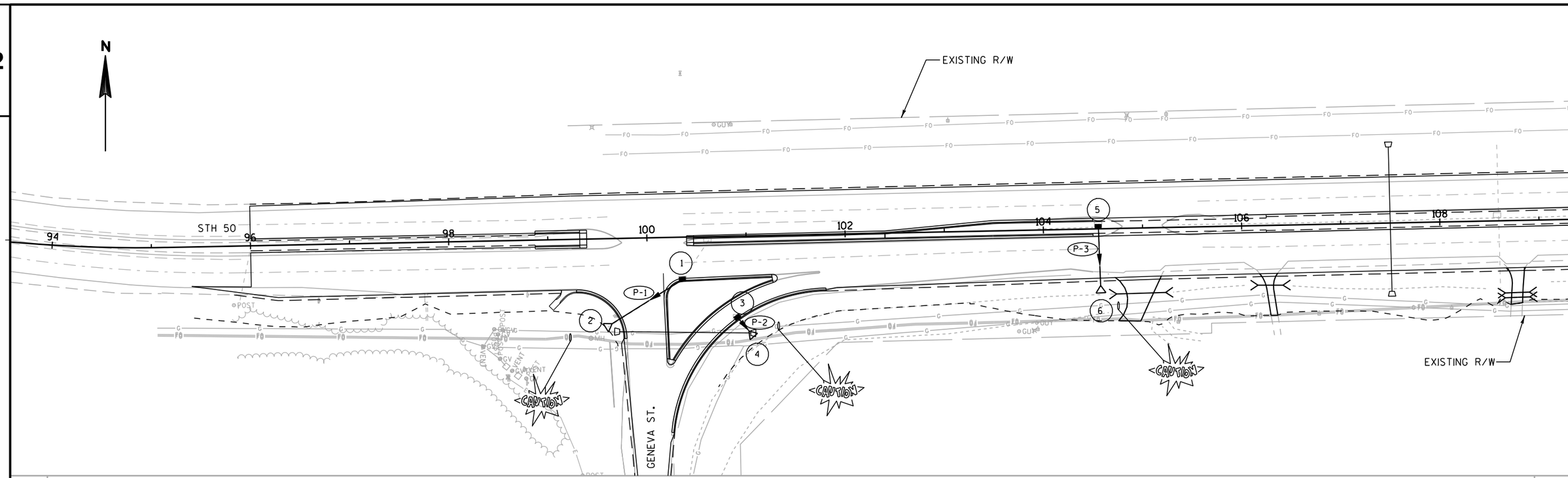
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 67	E

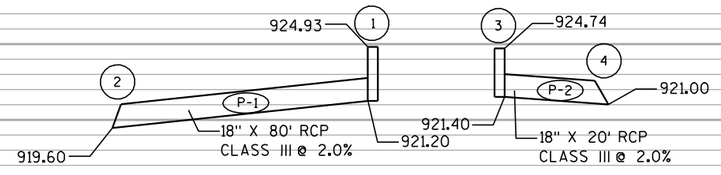
FILE NAME : J:\projects\d2_31700050\022013_EC.dgn PLOT DATE : 04-JAN-2013 09:35 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 100:1

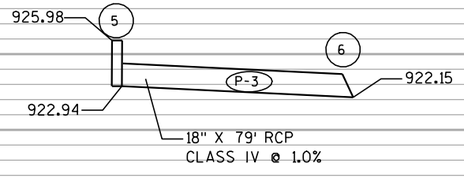
2



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 68	E

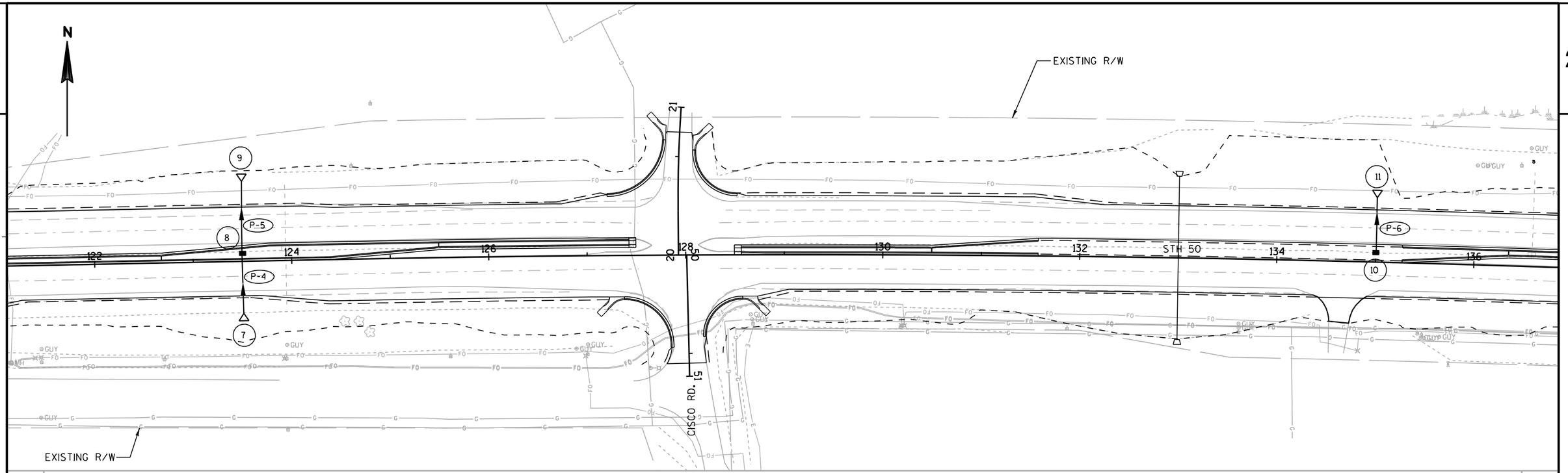


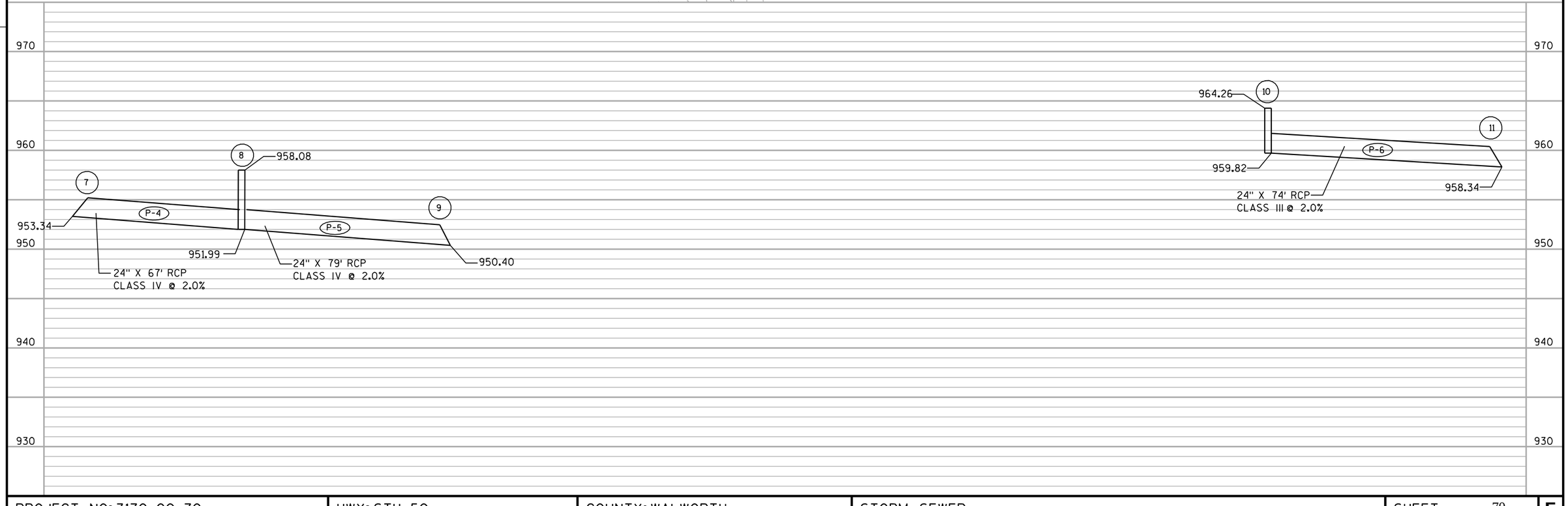




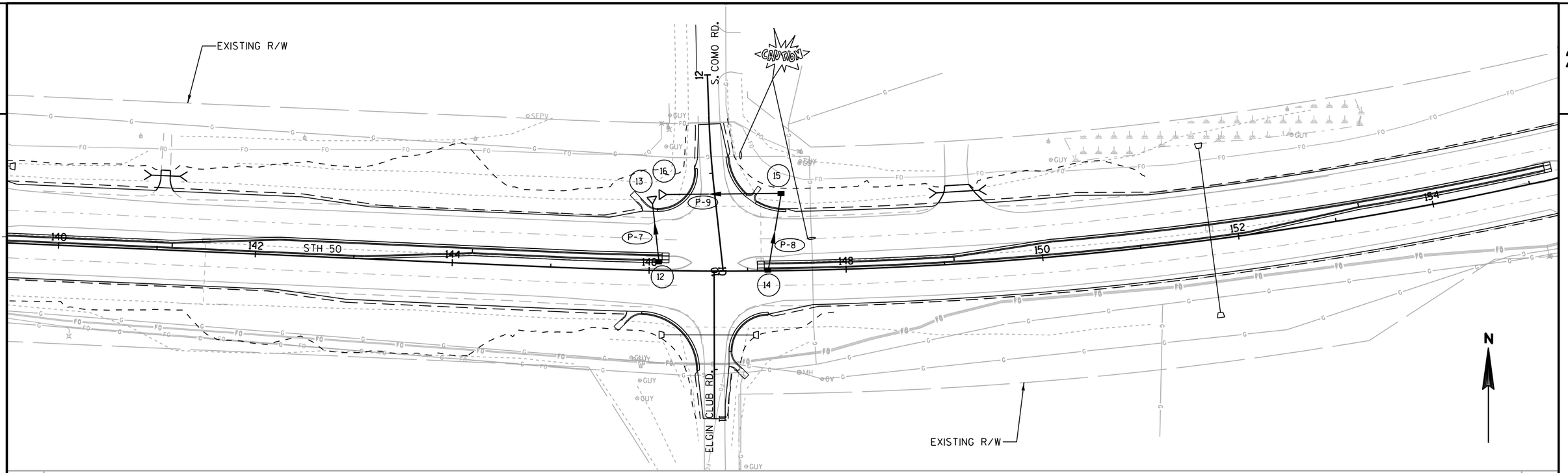
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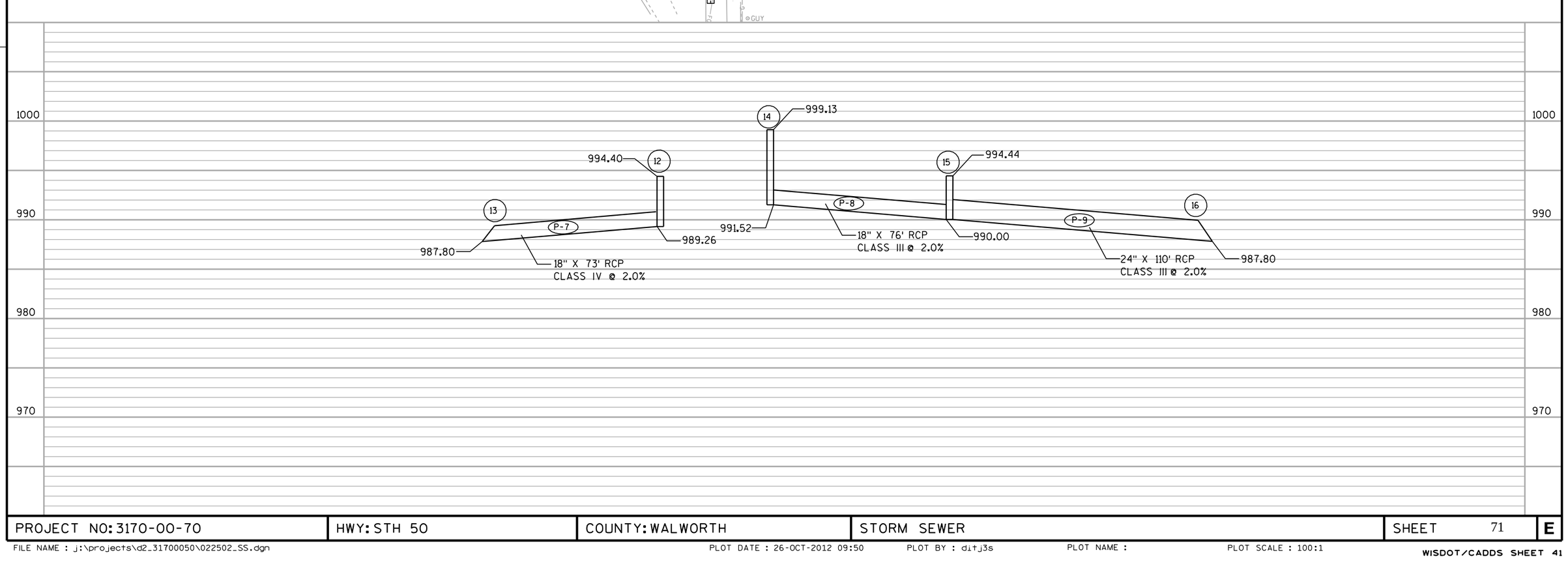
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 69	E





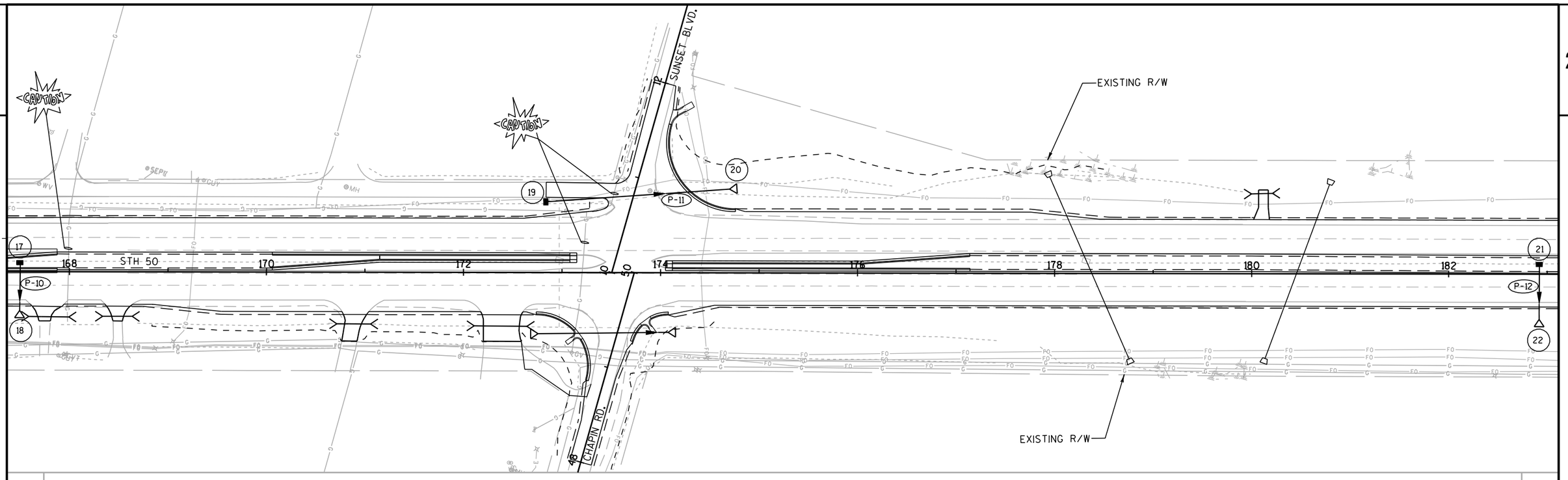
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 70	E





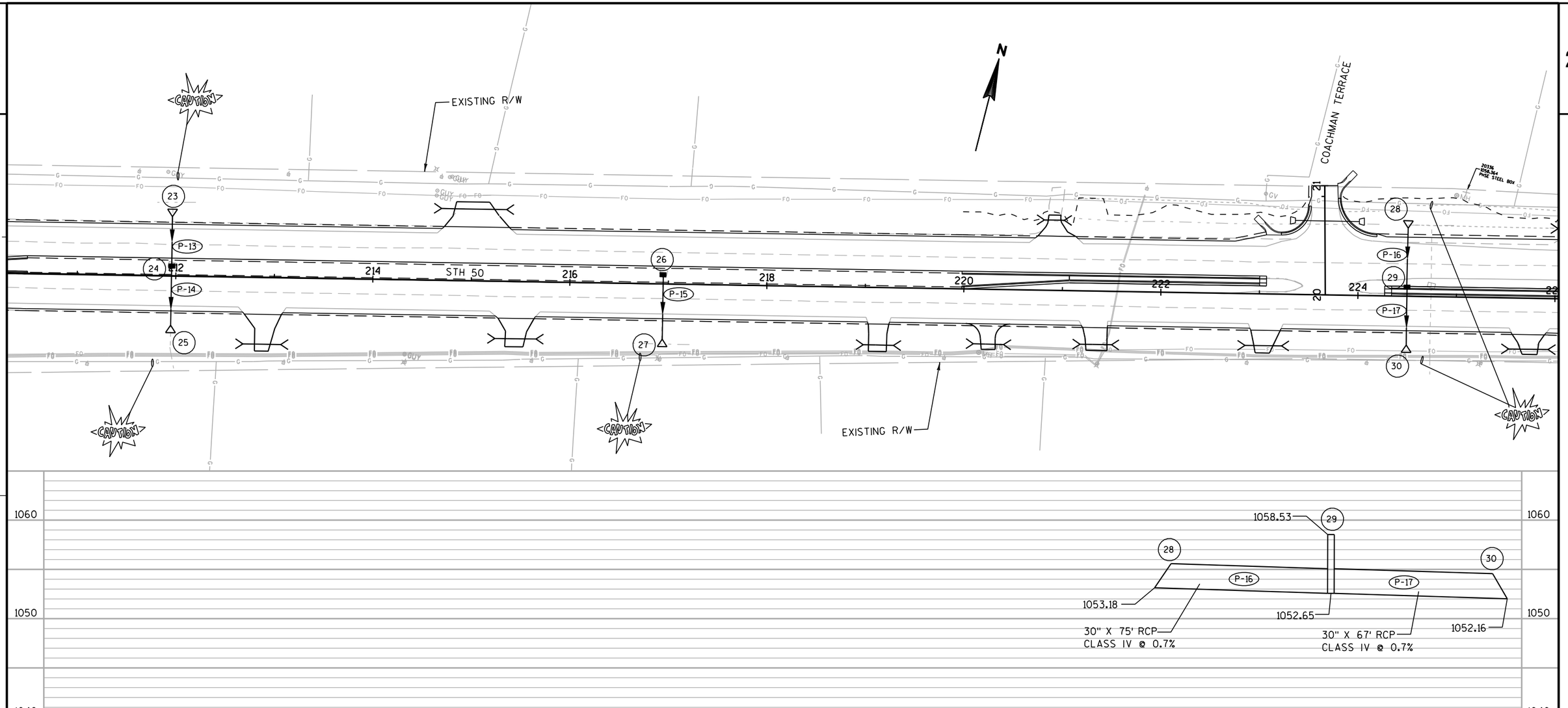
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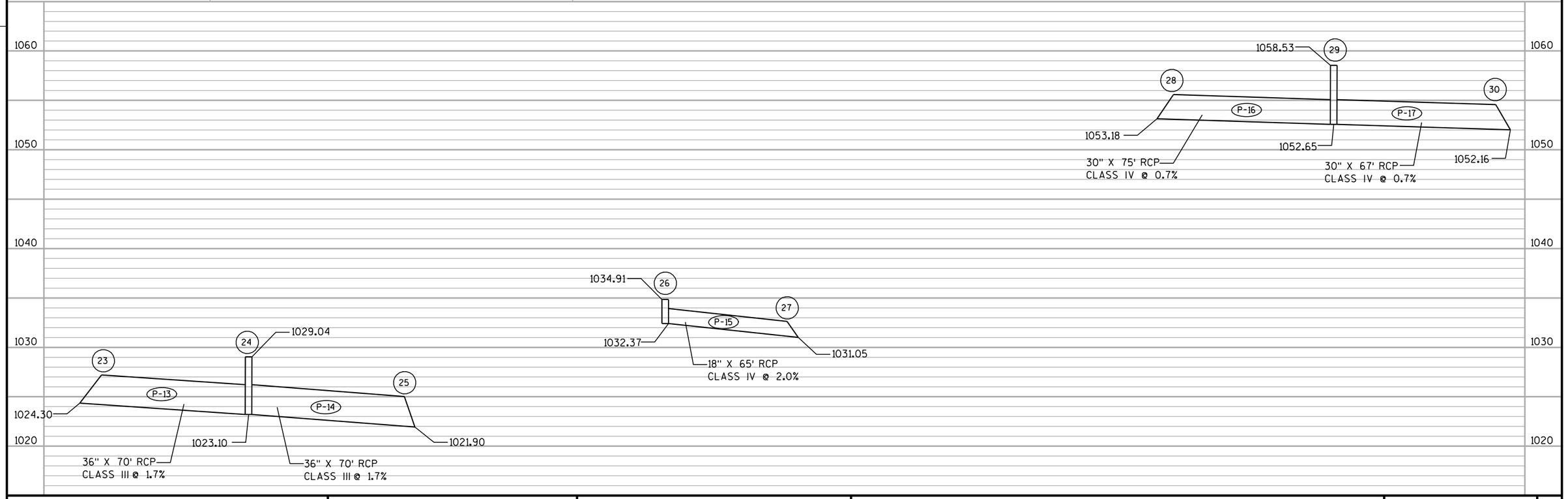
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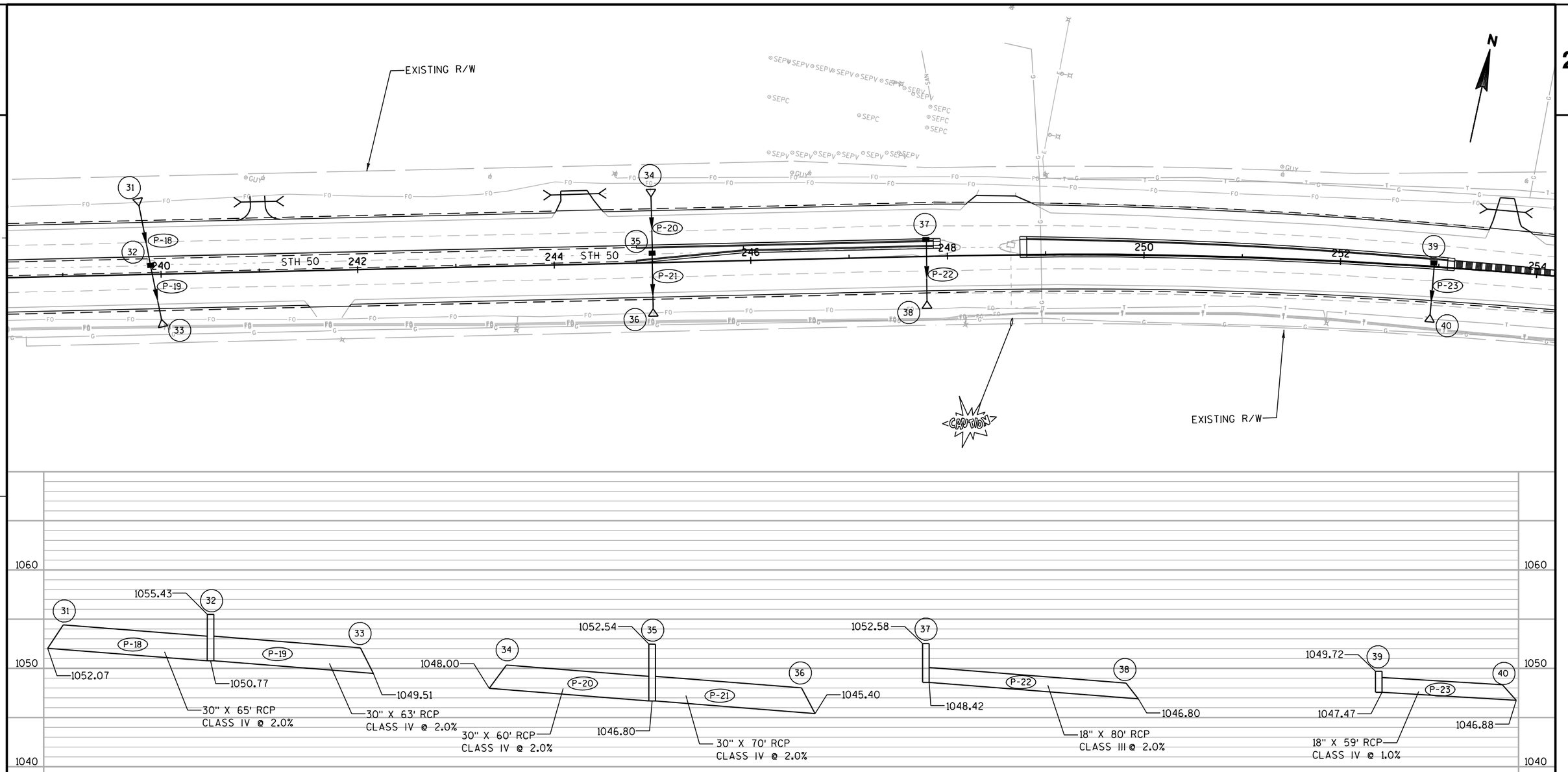
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 72	E

2





PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 73	E



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 74	E

2

NOTE:
LOCAL STREET SIGNS TO BE MOVED
BY LOCAL MUNICIPALITY AND SHALL
NOT BE PLACED ON TOP OF STOP SIGNS.

N

1001 1002 W4-2L(3) REMOVE

1003 R4-7(3) REMOVE

1004 D9-2(3) MB6-1 H REMOVE

1005 W1-2R(3)

1006 ONE WAY R6-2L(2M) ONE WAY REMOVE

1007 R4-7(2M)

1008 1017 SPEED LIMIT 45 W3-5(3) SPEED LIMIT 45 REMOVE

1009 LANE ENDS MERGE RIGHT REMOVE

1010 ONE WAY R6-2L(2M) ONE WAY REMOVE

1011 1012 LEFT LANE ENDS W9-1L(3) LEFT LANE ENDS REMOVE

SPEED LIMIT 45 ESTR

92 94 96 98 100 102 STH 50 104 106

LOCAL STREET SIGNS

200' STA 91+00, RT

Geneva St REMOVE Geneva St D1-1(3) 1223

SPEED LIMIT 55 REMOVE 1028

WRONG WAY REMOVE WRONG WAY R5-1A(3) 1013

WEST 50 J4-1(3) 1014

DO NOT ENTER REMOVE DO NOT ENTER R5-1(3) 1015

WEIGHT LIMIT 8 TONS AHEAD REMOVE WEIGHT LIMIT 8 TONS R12-1(2S) 1016

W12-1D(2S) 2' MOUNTING HEIGHT 1036

REDUCED SPEED AHEAD ESTR

GENEVA STREET

EAST 50 REMOVE EAST 50 J3-1(2S) 1018

STOP REMOVE STOP R1-1(3) DIVIDED HIGHWAY R6-3(3) 1019

WEST 50 REMOVE WEST 50 J3-1(2S) 1020

REMOVE W4-1(3) 1021

WRONG WAY REMOVE 1022

W4-2R(3) 1227

YIELD REMOVE 1024

1 MI HARBOR VIEW MOTEL
MOVE BY OTHERS
CONTACT WALWORTH COUNTY
SUPERINTENDANT, LARRY PRICE
262-741-3799

SPEED LIMIT 55 R2-1(3) 1224 1226

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING FLASHING BEACON
- PROPOSED SIGN MOUNTED ON POST(S)
- WEST (XX) INDICATES YEAR INSTALLED
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DENOTES SIGN NUMBER

SHEET 1 OF 13

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET	E

FILE NAME : J:\projects\d2_31700050\023201_PS.dgn PLOT DATE : 08-OCT-2012 08:08 PLOT BY : msckvw PLOT NAME : PLOT SCALE : 100:1

NOTE:
LOCAL STREET SIGNS TO BE MOVED
BY LOCAL MUNICIPALITY AND SHALL
NOT BE PLACED ON TOP OF STOP SIGNS.

N

1025 LEFT LANE ENDS W9-1L(3)
LEFT LANE ENDS REMOVE

1026 Geneva St D1-1(3)
Geneva St REMOVE

1027 R4-7(2M)

1225 ONE WAY R6-2L(2M)

1029 R4-7(2M)

1030 R4-7(2M)
REMOVE

1031 ONE WAY R6-1L(2M)
ONE WAY REMOVE

1032 STOP R1-1(3)
DIVIDED HIGHWAY R6-3(3)
STOP REMOVE

1033 R4-7(2M)

1034 DO NOT ENTER R5-1(3)

1035 WRONG WAY REMOVE

INTERLAKEN DRIVE

STH 50

108 110 112 114 116 118 120 122

EAST 50 J4-1(3) 1023

WRONG WAY R5-1A(3) 1038

DO NOT ENTER REMOVE
DO NOT ENTER R5-1(3) 1039

STOP ONE WAY REMOVE
STOP R1-1(3)
DIVIDED HIGHWAY R6-3(3) 1040

KNOLL WOOD DRIVE

ONE WAY REMOVE
ONE WAY R6-1L(2M) 1041

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING FLASHING BEACON
- PROPOSED SIGN MOUNTED ON POST(S)
- WEST (XX) INDICATES YEAR INSTALLED
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DENOTES SIGN NUMBER

SHEET 2 OF 13

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET E

FILE NAME : J:\projects\d2_31700050\023202_PS.dgn PLOT DATE : 08-OCT-2012 08:09 PLOT BY : msckvw PLOT NAME : PLOT SCALE : 100:1

NOTE:
LOCAL STREET SIGNS TO BE MOVED
BY LOCAL MUNICIPALITY AND SHALL
NOT BE PLACED ON TOP OF STOP SIGNS.

N

1042 WRONG WAY R5-1A(3)

1043 R4-7(2M) REMOVE

1044 ONE WAY R6-1L(2M) REMOVE

1045 STOP R1-1(3) / DIVIDED HIGHWAY R6-3(3) / STOP REMOVE

1046 R4-7(2M) REMOVE

1047 DO NOT ENTER R5-1(3) / DO NOT ENTER REMOVE

1048 WRONG WAY R5-1A(3) / WRONG WAY REMOVE

1049 / 1050 REMOVE

STH 50

CISCO ROAD

1051 WRONG WAY REMOVE / WRONG WAY R5-1A(3)

1052 DO NOT ENTER REMOVE / DO NOT ENTER R5-1(3)

1053 STOP REMOVE / STOP R1-1(3) / DIVIDED HIGHWAY R6-3(3)

1054 ONE WAY REMOVE

1055 ONE WAY REMOVE / ONE WAY R6-1L(2M)

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING FLASHING BEACON
- PROPOSED SIGN MOUNTED ON POST(S)
- WEST (XX) INDICATES YEAR INSTALLED
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DENOTES SIGN NUMBER

SHEET 3 OF 13

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET E

FILE NAME : J:\projects\d2_31700050\023203_PS.dgn PLOT DATE : 08-OCT-2012 08:09 PLOT BY : msckvw PLOT NAME : PLOT SCALE : 100:1

NOTE:
LOCAL STREET SIGNS TO BE MOVED
BY LOCAL MUNICIPALITY AND SHALL
NOT BE PLACED ON TOP OF STOP SIGNS.

N

RED CHIMNEY ROAD

S. COMO ROAD

ELGIN CLUB ROAD

STH 50

1056 ONE WAY R6-2L(2M) — REMOVE ONE WAY

1057 STOP R1-1(3) / DIVIDED HIGHWAY R6-3(3) — REMOVE STOP

1058 R4-7(2M)

1059

1060 DO NOT ENTER R5-1(3)

1061 WRONG WAY R5-1A(3) — REMOVE WRONG WAY

1062 ONE WAY R6-1L(2M) — REMOVE ONE WAY

1063 REMOVE ONE WAY

1064 STOP R1-1(3) / DIVIDED HIGHWAY R6-3(3) — REMOVE STOP

1065 R4-7(2M) — REMOVE

1066 DO NOT ENTER R5-1(3) — REMOVE DO NOT ENTER

1067 ONE WAY R6-2R(2S) — REMOVE ONE WAY

1068 WRONG WAY R5-1A(3) — REMOVE WRONG WAY

1069 REMOVE ONE WAY — ONE WAY R6-2L(2M)

1070 REMOVE WRONG WAY — WRONG WAY R5-1A(3)

1071 REMOVE DO NOT ENTER — DO NOT ENTER R5-1(3)

1072 REMOVE — R4-7(2M)

1073 REMOVE STOP — STOP R1-1(3) / DIVIDED HIGHWAY R6-3(3)

1074 REMOVE ONE WAY

1075 REMOVE ONE WAY — ONE WAY R6-1L(2M)

LEGEND

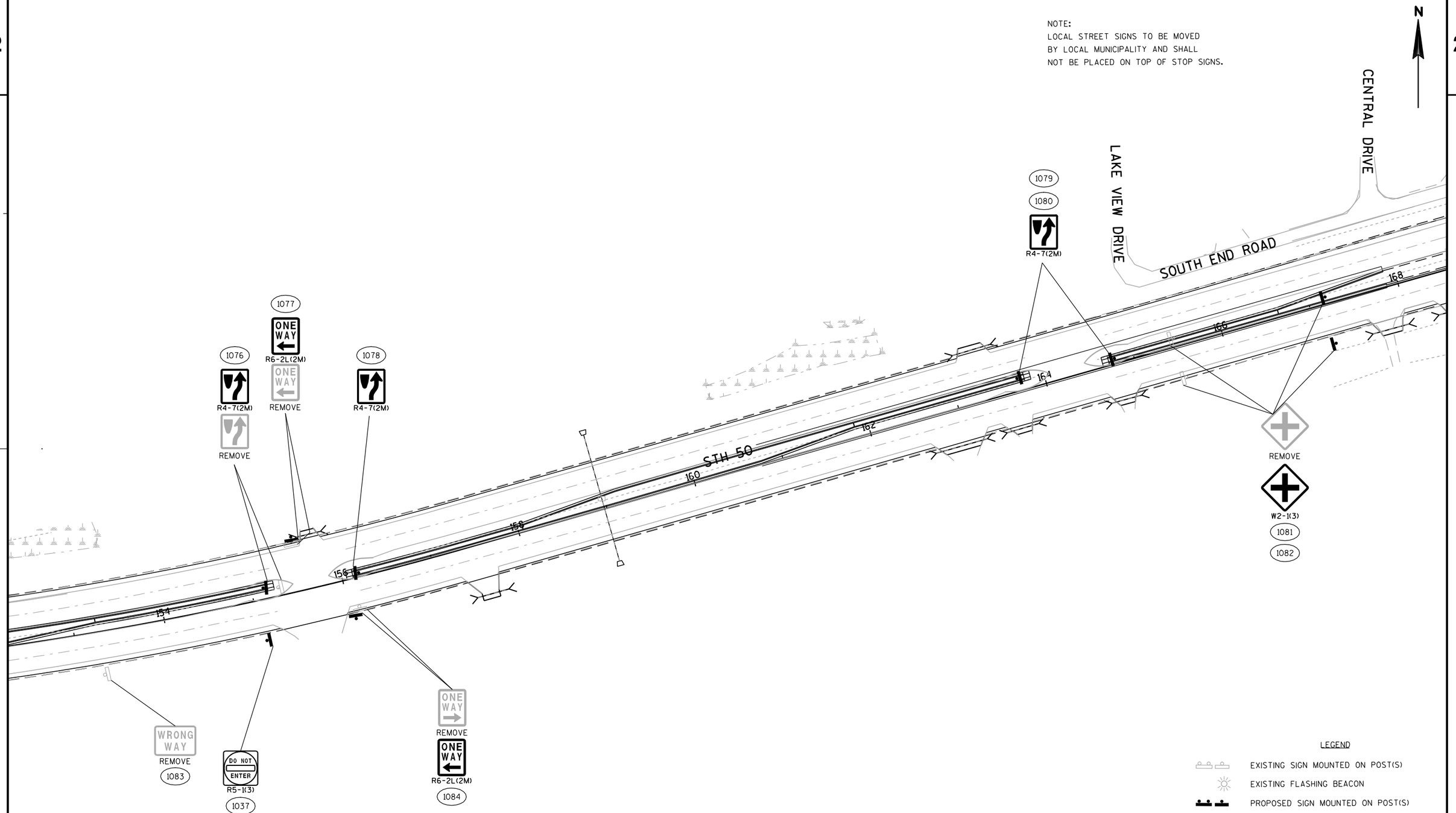
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING FLASHING BEACON
- PROPOSED SIGN MOUNTED ON POST(S)
- WEST (XX) — INDICATES YEAR INSTALLED
- ESTR — EXISTING SIGN TO REMAIN
- (XXXX) — DENOTES SIGN NUMBER

SHEET 4 OF 13

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET E

FILE NAME : J:\projects\d2_31700050\023204_PS.dgn PLOT DATE : 08-OCT-2012 08:10 PLOT BY : msckvw PLOT NAME : PLOT SCALE : 100:1

NOTE:
LOCAL STREET SIGNS TO BE MOVED
BY LOCAL MUNICIPALITY AND SHALL
NOT BE PLACED ON TOP OF STOP SIGNS.



LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING FLASHING BEACON
	PROPOSED SIGN MOUNTED ON POST(S)
WEST (XX)	INDICATES YEAR INSTALLED
ESTR	EXISTING SIGN TO REMAIN
(XXXX)	DENOTES SIGN NUMBER

SHEET 5 OF 13

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET E

FILE NAME : J:\projects\d2_31700050\023205_PS.dgn PLOT DATE : 08-OCT-2012 08:10 PLOT BY : msckvw PLOT NAME : PLOT SCALE : 100:1

2

NOTE:
LOCAL STREET SIGNS TO BE MOVED
BY LOCAL MUNICIPALITY AND SHALL
NOT BE PLACED ON TOP OF STOP SIGNS.

N

SUNSET BLVD
SOUTH END ROAD
CHAPIN ROAD
STH 50
14
12
50
48
46
170
172
174
176
178
180
182
184

1088 DO NOT ENTER R5-1(3) — REMOVE
1089 STOP R1-1(3) / DIVIDED HIGHWAY R6-3(3) — REMOVE
1090 NO PARKING ON THIS SIDE R7-53D(2S) — REMOVE
1091 / 1092 R4-7(2M) — REMOVE
1093 DO NOT ENTER R5-1(3) — REMOVE
1094 WRONG WAY R5-1A(3) — REMOVE
1095 NO PARKING ANY TIME R7-1D(3) — REMOVE
1086 STOP R1-1(2S) — REMOVE
1232 ONE WAY R6-2L(2M) — REMOVE
1087 NO PARKING ANY TIME R7-1D(3) — REMOVE
1085 SPONSOR — MOVE
1231 NO PARKING ANY TIME R7-1R(3) — REMOVE
1096 NO PARKING ANY TIME R7-1L(2M)
1097 WRONG WAY R5-1A(3)
1098 STOP R1-1(2S) — REMOVE
1099 ONE WAY R6-2R(2S) — REMOVE
1100 DO NOT ENTER R5-1(3) — REMOVE
1101 NO PARKING ANY TIME R7-1D(2S) — REMOVE
1102 STOP R1-1(3) / DIVIDED HIGHWAY R6-3(3) — REMOVE
1103 ONE WAY NO PARKING WITHIN 1' OF PAVEMENT — REMOVE
1104 ONE WAY R6-1L(2M) — REMOVE
1105 SPONSOR — MOVE

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING FLASHING BEACON
- PROPOSED SIGN MOUNTED ON POST(S)
- WEST (XX) — INDICATES YEAR INSTALLED
- ESTR — EXISTING SIGN TO REMAIN
- XXXX — DENOTES SIGN NUMBER

SHEET 6 OF 13

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET E

NOTE:
LOCAL STREET SIGNS TO BE MOVED
BY LOCAL MUNICIPALITY AND SHALL
NOT BE PLACED ON TOP OF STOP SIGNS.

N

1106 R4-7(2M)

1107 ONE WAY R6-2L(2M)

1108 R4-7(2M)

1109 ONE WAY R6-2L(2M)

1110 R4-7(2M)

1111 SPEED LIMIT 55 R2-1(3)
END SCHOOL ZONE S5-2(3)

1112 REMOVE

1113 R4-7(2M)

1114 TO REMAIN
AHEAD 45 M.P.H. REMOVE
S1-1(3)
AHEAD WF16-9P(3)
FINES HIGHER R2-6P(3)

EXISTING POST AND BEACON TO REMAIN. BEACON IS RESPONSIBILITY OF CITY WHO HAS PERMIT FOR BEACON.

1115 JCT INDUSTRIAL ROAD REMOVE
JCT MR2-1
INDUSTRIAL ROAD MR1-99
MR6-1
J2-1(2M)

1116 SCHOOL SPEED LIMIT 45 WHEN CHILDREN ARE PRESENT
S4-5(3)

1117 SCHOOL BUS TRAFFIC (2011)
S3-51
MOVE

1118 ONE WAY R6-2L(2M)

1119 REMOVE

1120

1121 WRONG WAY REMOVE
WRONG WAY R5-1A(3)

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING FLASHING BEACON
- PROPOSED SIGN MOUNTED ON POST(S)
- WEST (XX) INDICATES YEAR INSTALLED
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DENOTES SIGN NUMBER

SHEET 7 OF 13

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET E

FILE NAME : J:\projects\d2_31700050\023207_PS.dgn PLOT DATE : 08-OCT-2012 08:11 PLOT BY : msckvw PLOT NAME : PLOT SCALE : 100:1

NOTE:
LOCAL STREET SIGNS TO BE MOVED BY LOCAL MUNICIPALITY AND SHALL NOT BE PLACED ON TOP OF STOP SIGNS.

EXISTING POST AND BEACON TO REMAIN. BEACON IS RESPONSIBILITY OF CITY WHO HAS PERMIT FOR BEACON.

SCHOFIELD RD

SNAKE RD

EL DORADO DR

STH 50

WOODLANE RD

1122 WEST 50 J4-1(3) REMOVE
1123 ONE WAY R6-1L(2M) REMOVE
1124 ONE WAY REMOVE
1125 STOP R1-1(3) DIVIDED HIGHWAY R6-3(3) STOP REMOVE
1126 SPEED LIMIT 35 REMOVE
1127 SPEED LIMIT 35 R2-1(2S) REWARD PAYS MOVE LOCAL SIGNS
1128 1129 R4-7(2M) REMOVE
1130 DO NOT ENTER R5-1(3) DO NOT ENTER REMOVE
1131 WRONG WAY R5-1A(3) WRONG WAY REMOVE
1132 SCHOOL BUS TRAFFIC (2011) S3-51 MOVE
1133 ONE WAY R6-2L(2M)
1134 STOP R1-1(3) DIVIDED HIGHWAY R6-3A STOP ONE WAY REMOVE
1135 DO NOT ENTER R5-1(3) DO NOT ENTER REMOVE
1136 SCHOOL SPEED LIMIT 45 WHEN CHILDREN ARE PRESENT S4-51(3)
1137 S1-1(3) AHEAD WF16-9P(3) FINES HIGHER R2-6P(3) TO REMAIN AHEAD 45 M.P.H. REMOVE
1138 JCT RUSTIC ROAD MR2-1 MR1-99 MR6-1 J2-1(2M) JCT RUSTIC ROAD REMOVE
1139 ONE WAY REMOVE
1140 RIGHT TURN ONLY R3-53R(2S)
1141 STOP R1-1(3) STOP REMOVE
1153 ONE WAY R6-2R(2S)

1142 DO NOT ENTER R5-1(3) DO NOT ENTER REMOVE
1143 MR1-99 RUSTIC ROAD R 29 (2011) NEXT 2.6 MILES MOVE
1144 ONE WAY REMOVE
1145 STOP R1-1(3) DIVIDED HIGHWAY R6-3(3) MR1-99 (2011) RUSTIC ROAD MR4-6 END MOVE
1146
1147 ONE WAY REMOVE ONE WAY R6-1L(2M)
1148 EAST 50 REMOVE EAST 50 J4-1(3)
1149 SPEED LIMIT 55 R2-1(3) END SCHOOL ZONE S5-2(3)
1150 R4-7(2M)
1151 ONE WAY R6-2L(2M)
1152 REMOVE R4-7(2M)

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING FLASHING BEACON
- PROPOSED SIGN MOUNTED ON POST(S)
- WEST (XX) INDICATES YEAR INSTALLED
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DENOTES SIGN NUMBER

SHEET 8 OF 13

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET E

FILE NAME : J:\projects\d2_31700050\023208_PS.dgn PLOT DATE : 08-OCT-2012 08:11 PLOT BY : msckvw PLOT NAME : PLOT SCALE : 100:1

NOTE:
LOCAL STREET SIGNS TO BE MOVED
BY LOCAL MUNICIPALITY AND SHALL
NOT BE PLACED ON TOP OF STOP SIGNS.

N

1154
DO NOT ENTER
R5-1(3)
DO NOT ENTER
REMOVE

1155
WRONG WAY
R5-1A(3)
WRONG WAY
REMOVE

1156
STOP
R1-1(3)
DIVIDED HIGHWAY
R6-3A
STOP
ONE WAY
REMOVE

COACHMAN TERRACE

1157
DO NOT ENTER
R5-1(3)

1158
R4-7(2M)

1159
WRONG WAY
R5-1A(3)
WRONG WAY
REMOVE

STH 50

216 218 220 222 224 226 228 230

WELLS RD

ONE WAY
R6-2R(2S)
1165

STOP
R1-1(3)
1163

RIGHT TURN ONLY
R3-53R(2S)
1164

DO NOT ENTER
R5-1(3)
1162

ONE WAY
R6-2L(2M)
1161

R4-7(2M)
1160

LEGEND

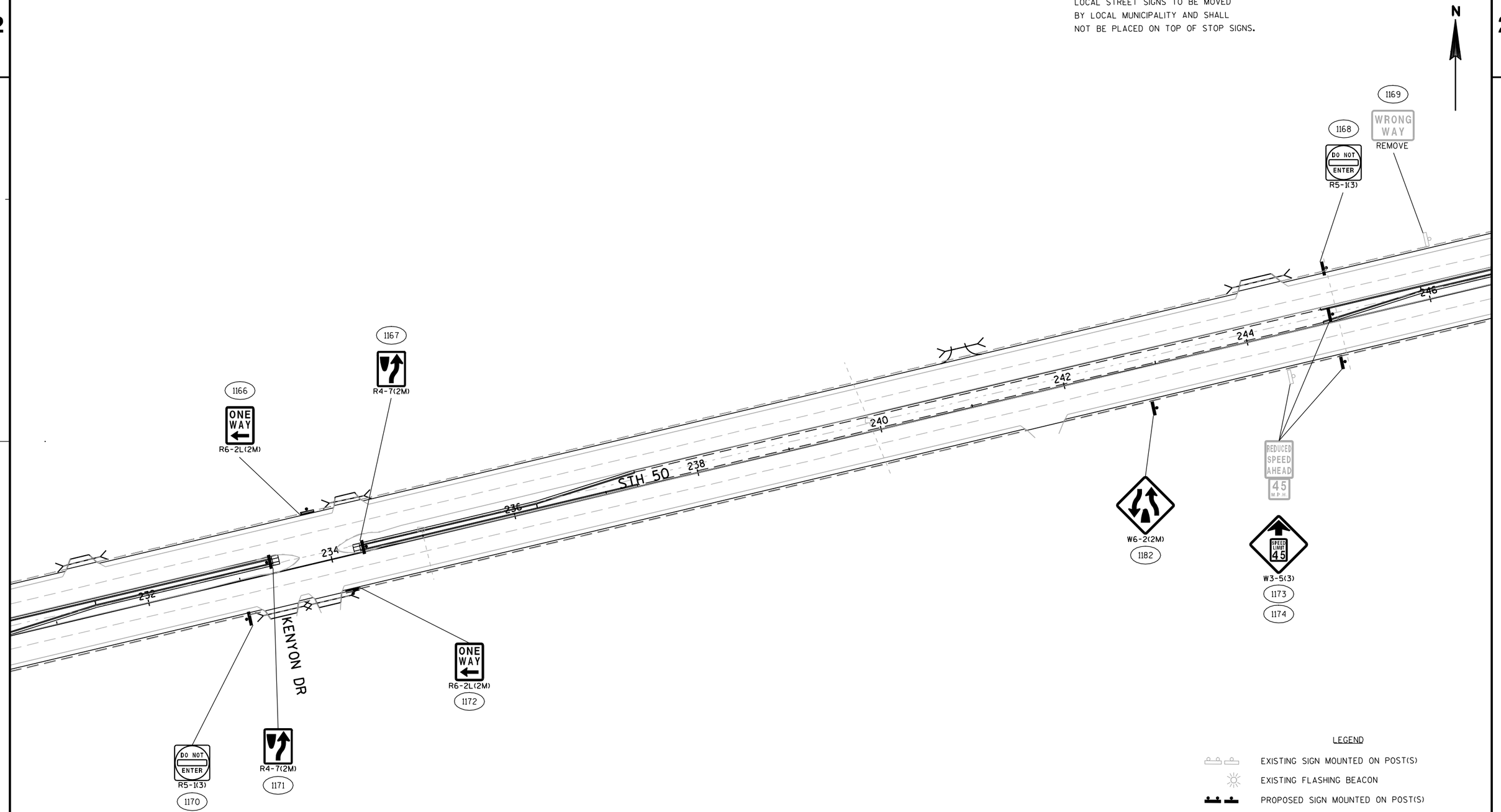
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING FLASHING BEACON
- PROPOSED SIGN MOUNTED ON POST(S)
- WEST (XX) INDICATES YEAR INSTALLED
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DENOTES SIGN NUMBER

SHEET 9 OF 13

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET	E

FILE NAME : J:\projects\d2_31700050\023209_PS.dgn PLOT DATE : 08-OCT-2012 08:12 PLOT BY : msckvw PLOT NAME : PLOT SCALE : 100:1

NOTE:
LOCAL STREET SIGNS TO BE MOVED
BY LOCAL MUNICIPALITY AND SHALL
NOT BE PLACED ON TOP OF STOP SIGNS.



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING FLASHING BEACON
- PROPOSED SIGN MOUNTED ON POST(S)
- WEST (XX) INDICATES YEAR INSTALLED
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DENOTES SIGN NUMBER

SHEET 10 OF 13

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET E

NOTE:
LOCAL STREET SIGNS TO BE MOVED
BY LOCAL MUNICIPALITY AND SHALL
NOT BE PLACED ON TOP OF STOP SIGNS.

N

1175 ONE WAY REMOVE

1176 R4-7(3) REMOVE

1177 DO NOT ENTER R5-1(3)

1178
1179 SPEED LIMIT 55 R2-1(3) SPEED LIMIT 55 REMOVE

1180 WRONG WAY REMOVE

1181 R4-7(2M) W5-54(2M)

1183 SPEED LIMIT 45 R2-1(3) SPEED LIMIT 45 REMOVE

1184 WRONG WAY REMOVE

STH 50

248 250 252 254 256 258 260

1185 ONE WAY REMOVE ONE WAY R6-2L(2M)

1186 SPEED LIMIT 45 REMOVE SPEED LIMIT 45 R2-1(3)

1187

1228 WRONG WAY R5-1A(3)

1229 DO NOT ENTER R5-1(3)

1188 ONE WAY R6-2L(2M)

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING FLASHING BEACON
- PROPOSED SIGN MOUNTED ON POST(S)
- WEST (XX) INDICATES YEAR INSTALLED
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DENOTES SIGN NUMBER

SHEET 11 OF 13

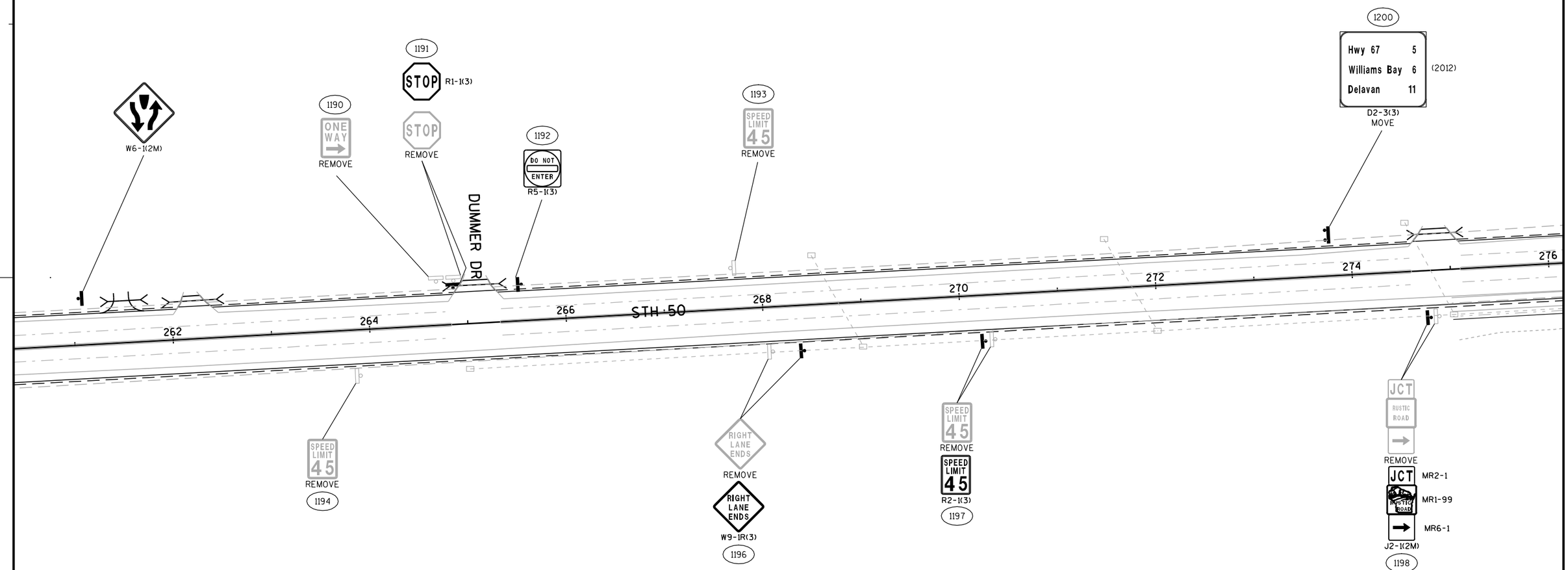
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET E

FILE NAME : J:\projects\d2_31700050\023211_PS.dgn PLOT DATE : 08-OCT-2012 08:13 PLOT BY : msckvw PLOT NAME : PLOT SCALE : 100:1

NOTE:
LOCAL STREET SIGNS TO BE MOVED
BY LOCAL MUNICIPALITY AND SHALL
NOT BE PLACED ON TOP OF STOP SIGNS.

N

2



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING FLASHING BEACON
- PROPOSED SIGN MOUNTED ON POST(S)
- WEST (XX) INDICATES YEAR INSTALLED
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DENOTES SIGN NUMBER

SHEET 12 OF 13

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET	E

FILE NAME : J:\projects\d2_31700050\023212_PS.dgn PLOT DATE : 08-OCT-2012 08:13 PLOT BY : msckvw PLOT NAME : PLOT SCALE : 100:1

NOTE:
LOCAL STREET SIGNS TO BE MOVED
BY LOCAL MUNICIPALITY AND SHALL
NOT BE PLACED ON TOP OF STOP SIGNS.

N

1200 Hwy 67 5 / Williams Bay 6 / Delavan 11 (2012) D2-3(3) MOVE TO STA 273+88
1199 REMOVE
1201 WEST 50 (2011) J4-1 MOVE
1202 SPEED LIMIT 45 (2011) R2-1 MOVE
1203 SPONSOR MOVE
1204 ONE WAY REMOVE
1205 ONE WAY REMOVE
1206 STOP R1-1(3) / STOP REMOVE
FOREST ST.
1207 DO NOT ENTER R5-1(3) / DO NOT ENTER REMOVE
1208 STOP SCHOOL BUS FLASHING RED LIGHTS R59-51(2M) / STOP SCHOOL BUS FLASHING RED LIGHTS REMOVE
1209 STOP R1-1(3) / STOP REMOVE
PEARSON DR.

STH 50
276 278 280 282 284 286 288 290
MH

REMOVE
W4-2R(3) 1210
Lake Geneva POPULATION 7,489
Lake Geneva POPULATION 7,651
I2-3(3) 1211
REMOVE
R4-7(2M)
W5-54(2M) 1213
W6-2(2M) 1212
WRONG WAY REMOVE 1214
DO NOT ENTER R5-1(3) 1215
STOP REMOVE
STOP R1-1(3) 1216
SNAKE RD.
ONE WAY REMOVE 1217
ONE WAY REMOVE 1218
WELCOME
Lake Geneva
ESTR
SPEED LIMIT 35 REMOVE
RADAR PATROLLED MOVE
SPEED LIMIT 35 R2-1(3)
RADAR PATROLLED MOVE
1219
1220
CITY PARKING REGULATIONS
TREE CITY USA
ESTR
EAST 50 REMOVE
EAST 50 J4-1(2S) 1222

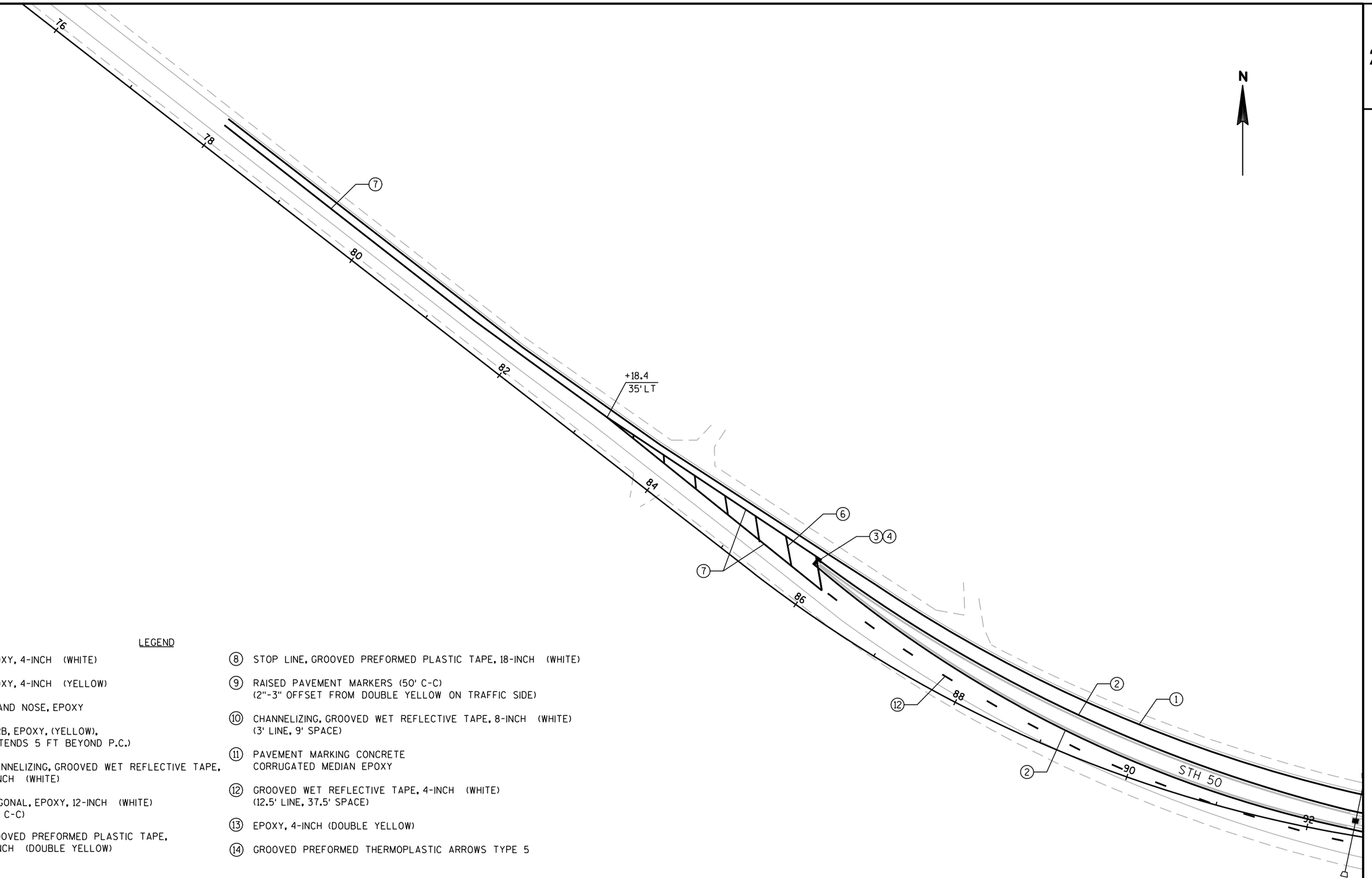
LEGEND
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING FLASHING BEACON
- PROPOSED SIGN MOUNTED ON POST(S)
- WEST (XX) INDICATES YEAR INSTALLED
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DENOTES SIGN NUMBER

SHEET 13 OF 13

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET E

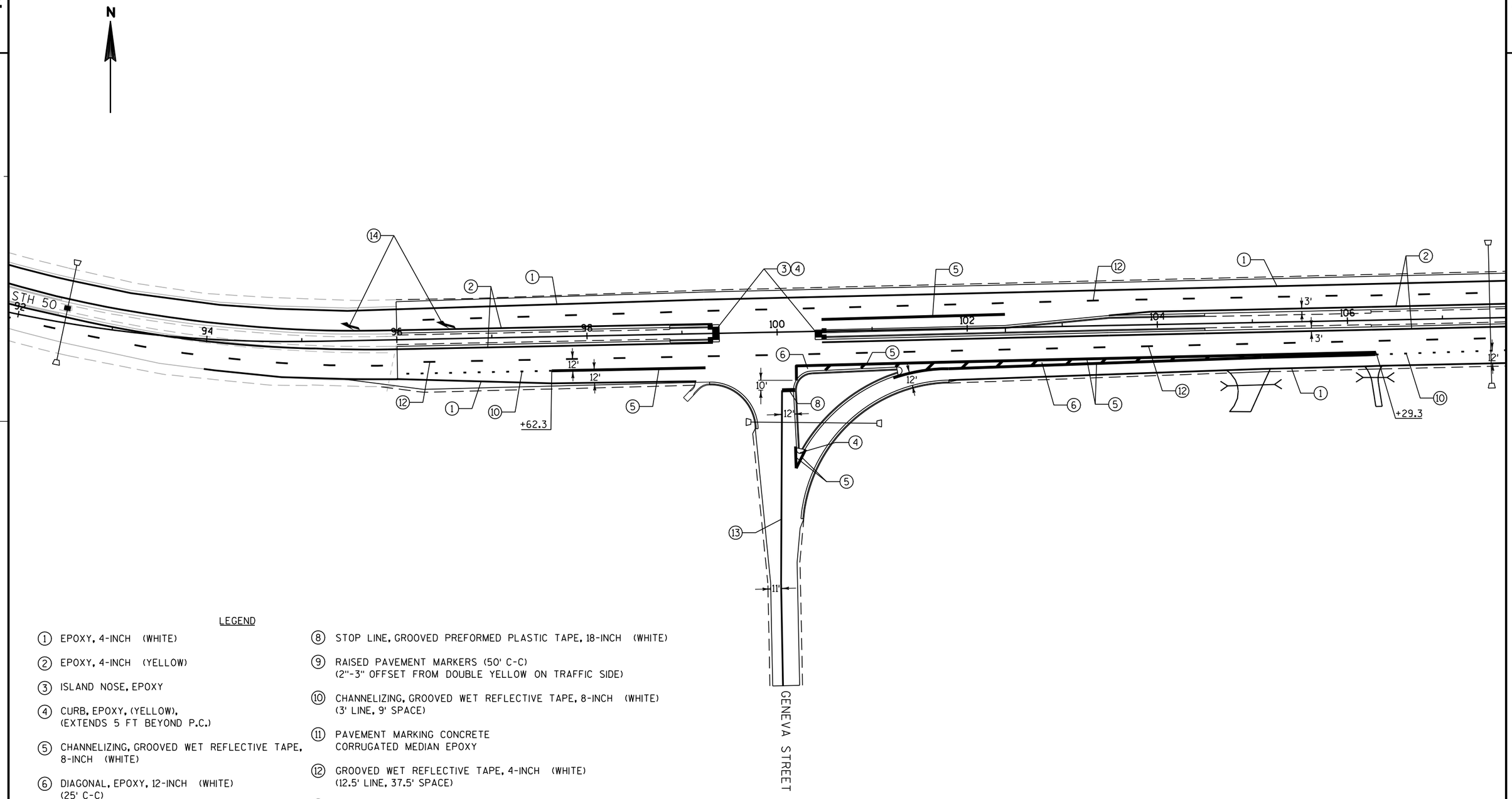
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2



LEGEND

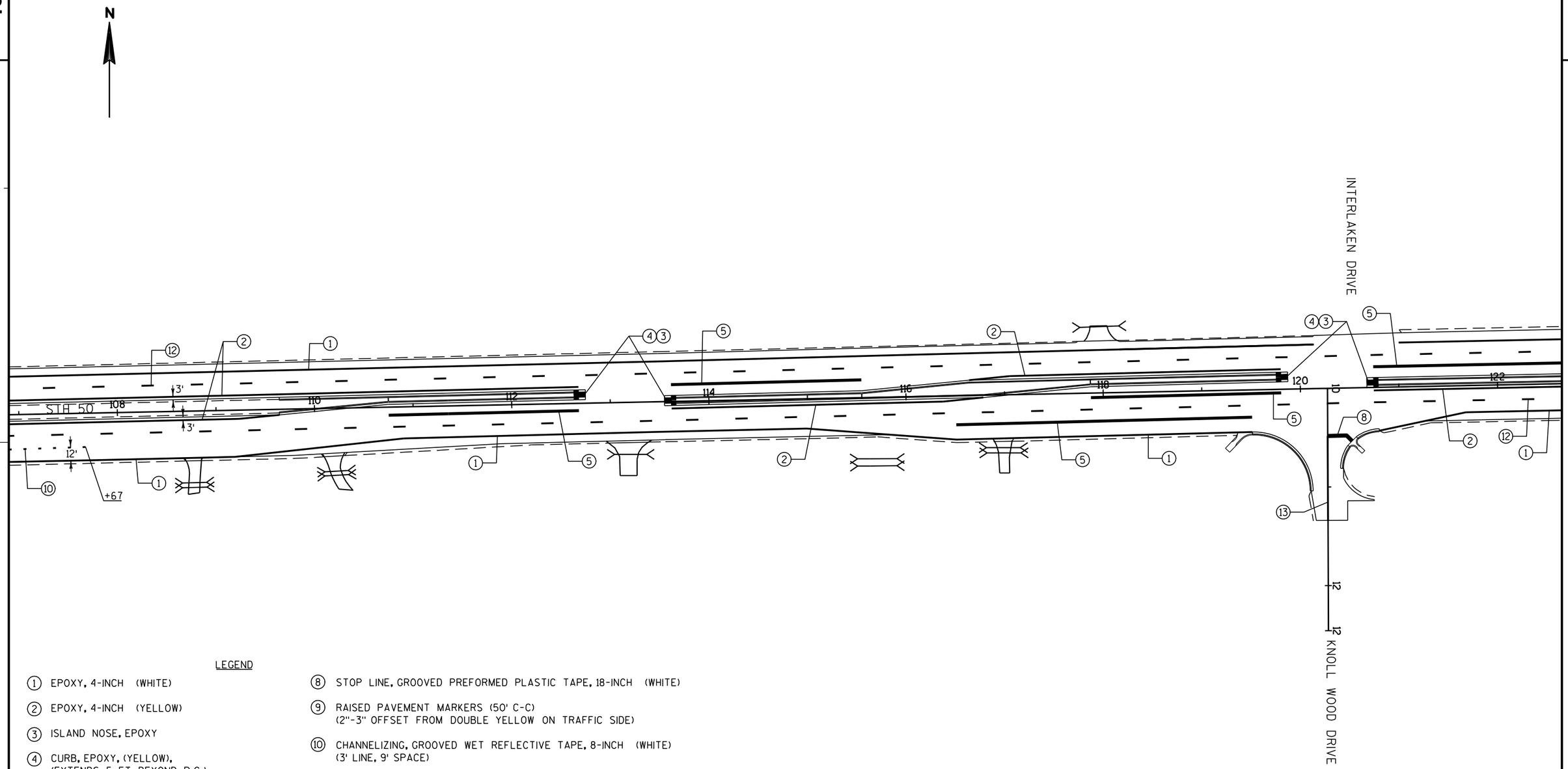
1. EPOXY, 4-INCH (WHITE)
2. EPOXY, 4-INCH (YELLOW)
3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
9. RAISED PAVEMENT MARKERS (50' C-C) (2"-3" OFFSET FROM DOUBLE YELLOW ON TRAFFIC SIDE)
10. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE) (3' LINE, 9' SPACE)
11. PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY
12. GROOVED WET REFLECTIVE TAPE, 4-INCH (WHITE) (12.5' LINE, 37.5' SPACE)
13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5



LEGEND

1. EPOXY, 4-INCH (WHITE)
2. EPOXY, 4-INCH (YELLOW)
3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
9. RAISED PAVEMENT MARKERS (50' C-C) (2"-3" OFFSET FROM DOUBLE YELLOW ON TRAFFIC SIDE)
10. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE) (3' LINE, 9' SPACE)
11. PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY
12. GROOVED WET REFLECTIVE TAPE, 4-INCH (WHITE) (12.5' LINE, 37.5' SPACE)
13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 89	E

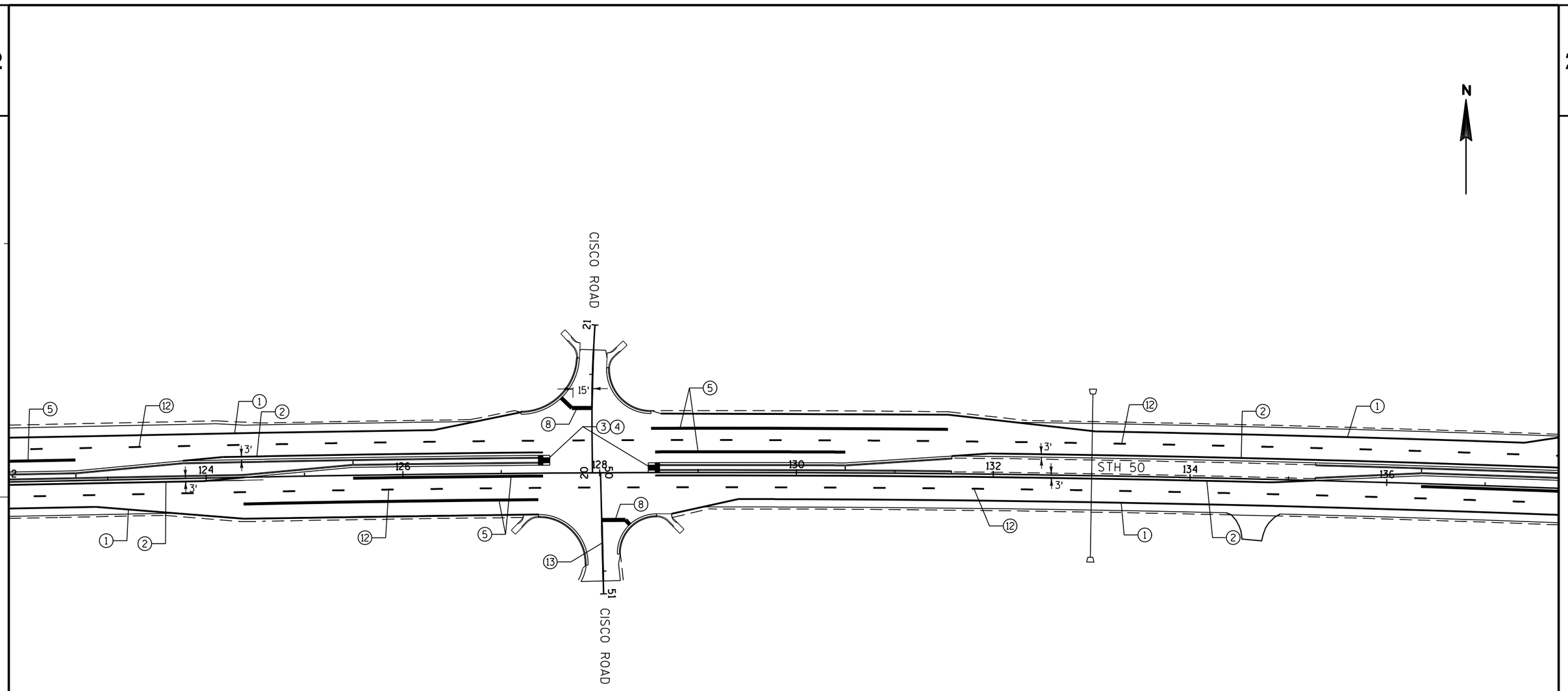


LEGEND

1. EPOXY, 4-INCH (WHITE)
2. EPOXY, 4-INCH (YELLOW)
3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
9. RAISED PAVEMENT MARKERS (50' C-C) (2"-3" OFFSET FROM DOUBLE YELLOW ON TRAFFIC SIDE)
10. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE) (3' LINE, 9' SPACE)
11. PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY
12. GROOVED WET REFLECTIVE TAPE, 4-INCH (WHITE) (12.5' LINE, 37.5' SPACE)
13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 90	E

2

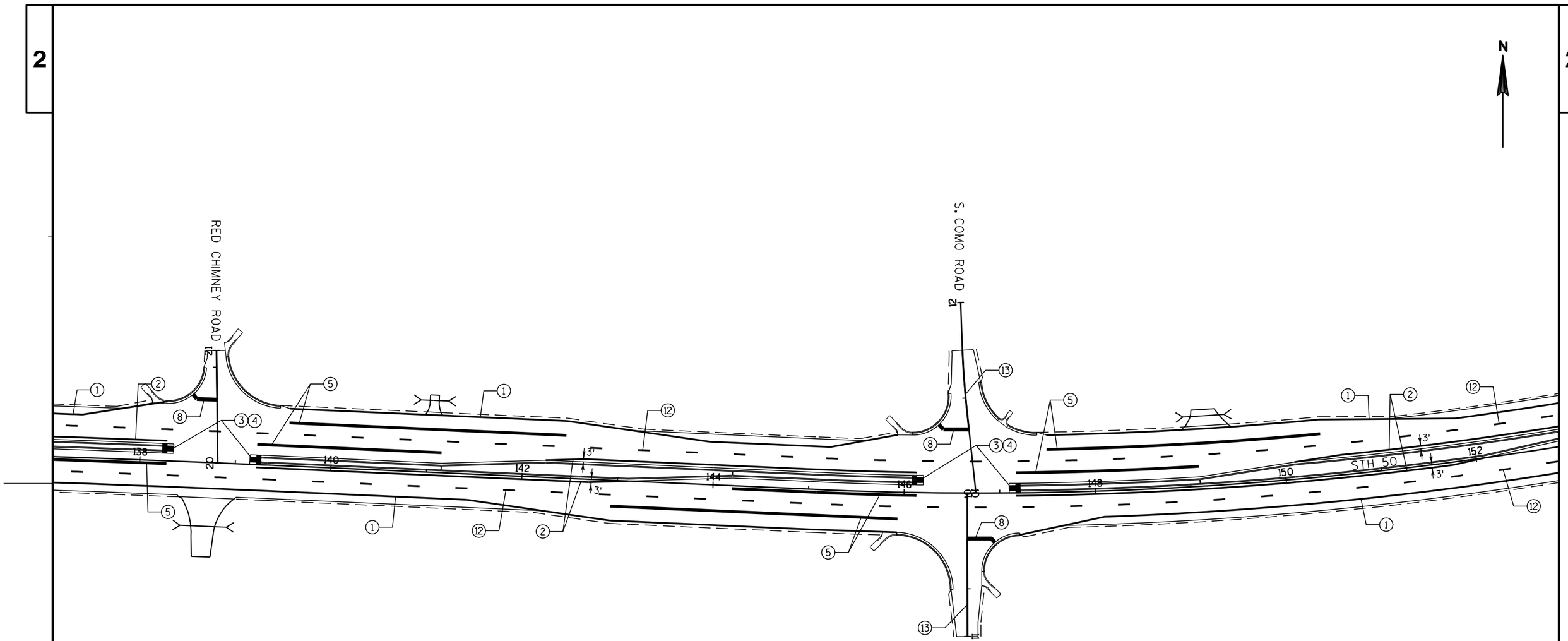


LEGEND

1. EPOXY, 4-INCH (WHITE)
2. EPOXY, 4-INCH (YELLOW)
3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
9. RAISED PAVEMENT MARKERS (50' C-C) (2"-3" OFFSET FROM DOUBLE YELLOW ON TRAFFIC SIDE)
10. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE) (3' LINE, 9' SPACE)
11. PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY
12. GROOVED WET REFLECTIVE TAPE, 4-INCH (WHITE) (12.5' LINE, 37.5' SPACE)
13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 91	E

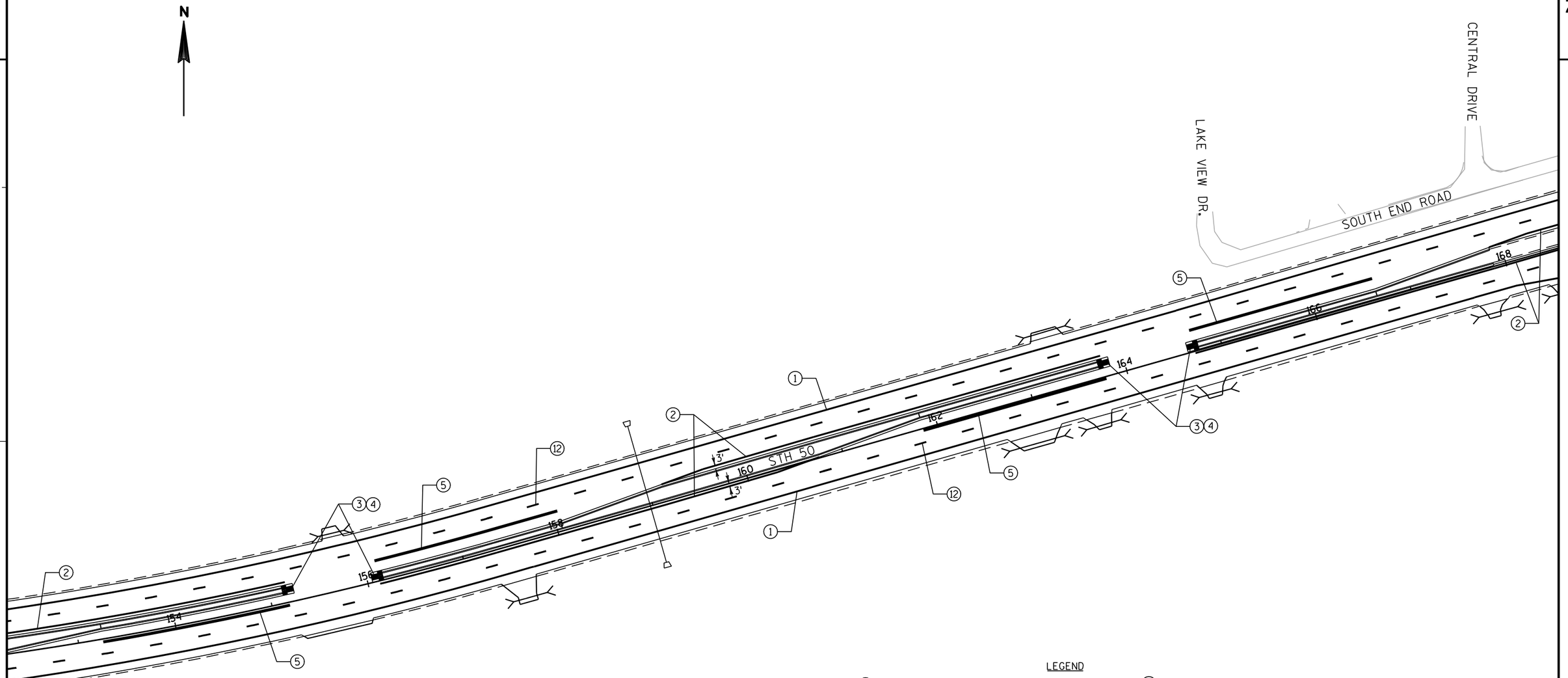
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LEGEND

1. EPOXY, 4-INCH (WHITE)
2. EPOXY, 4-INCH (YELLOW)
3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
9. RAISED PAVEMENT MARKERS (50' C-C) (2"-3" OFFSET FROM DOUBLE YELLOW ON TRAFFIC SIDE)
10. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE) (3' LINE, 9' SPACE)
11. PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY
12. GROOVED WET REFLECTIVE TAPE, 4-INCH (WHITE) (12.5' LINE, 37.5' SPACE)
13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 92	E

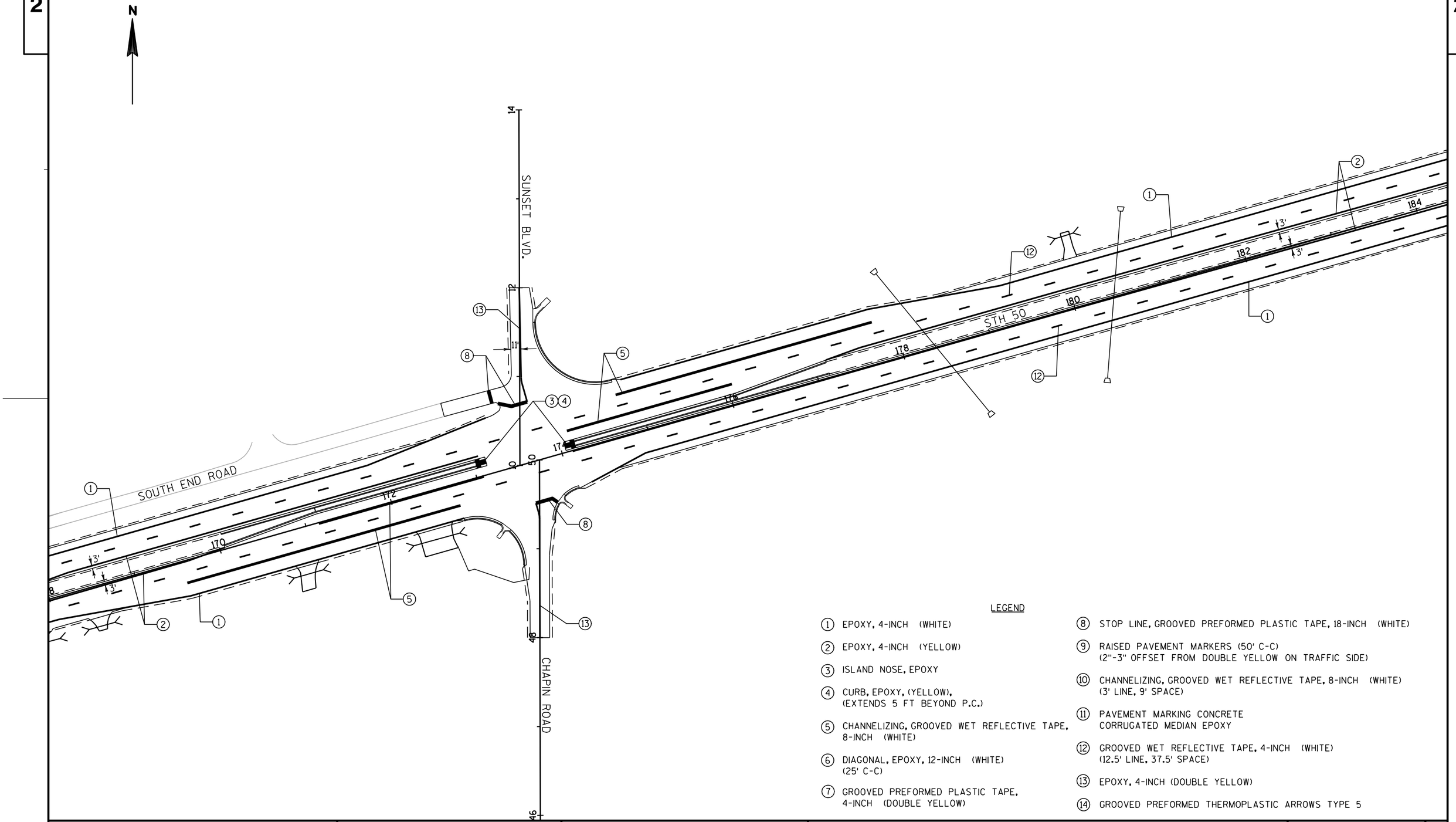


LEGEND

1. EPOXY, 4-INCH (WHITE)
2. EPOXY, 4-INCH (YELLOW)
3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
9. RAISED PAVEMENT MARKERS (50' C-C) (2"-3" OFFSET FROM DOUBLE YELLOW ON TRAFFIC SIDE)
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11. PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY
12. GROOVED WET REFLECTIVE TAPE, 4-INCH (WHITE) (12.5' LINE, 37.5' SPACE)
13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 93	E

2



LEGEND

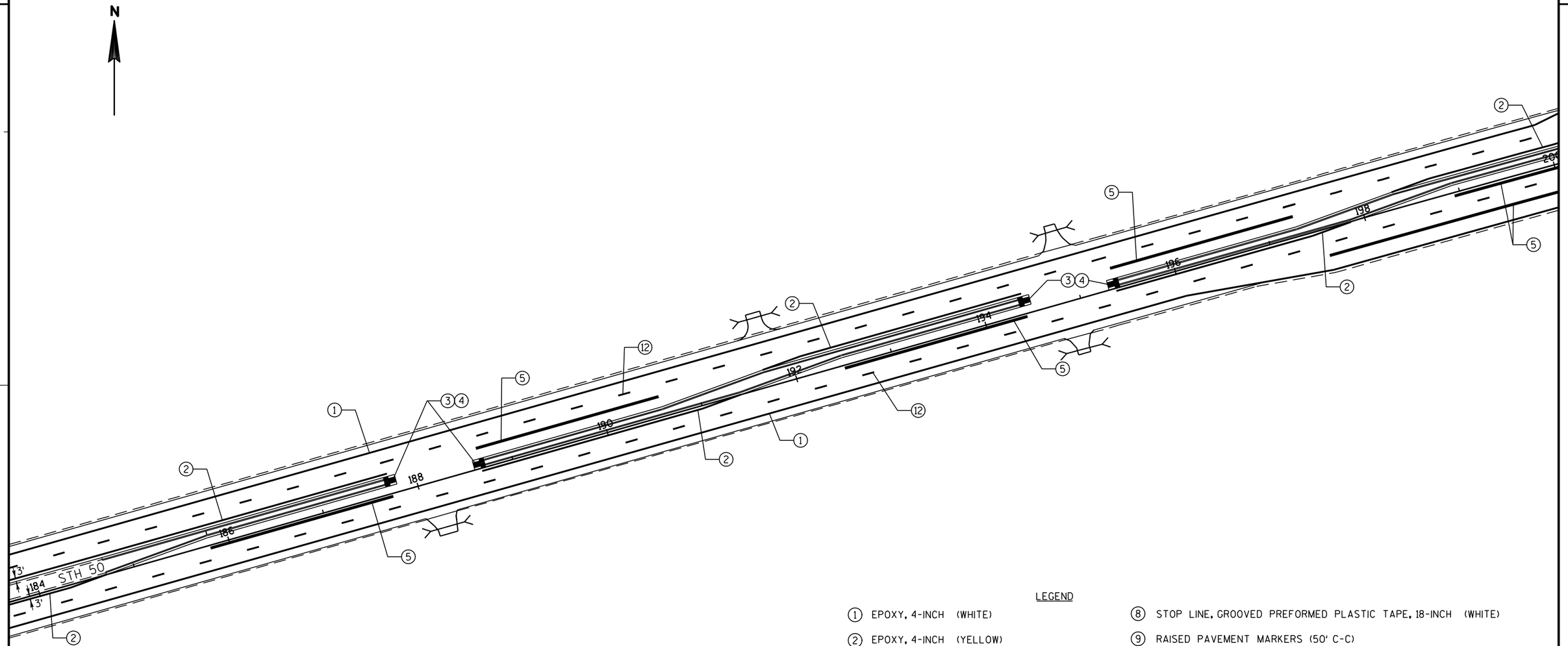
1. EPOXY, 4-INCH (WHITE)
2. EPOXY, 4-INCH (YELLOW)
3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
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12. GROOVED WET REFLECTIVE TAPE, 4-INCH (WHITE) (12.5' LINE, 37.5' SPACE)
13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 94	E

FILE NAME : j:\projects\d2_31700050\024506_PM.dgn PLOT DATE : 26-OCT-2012 10:38 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

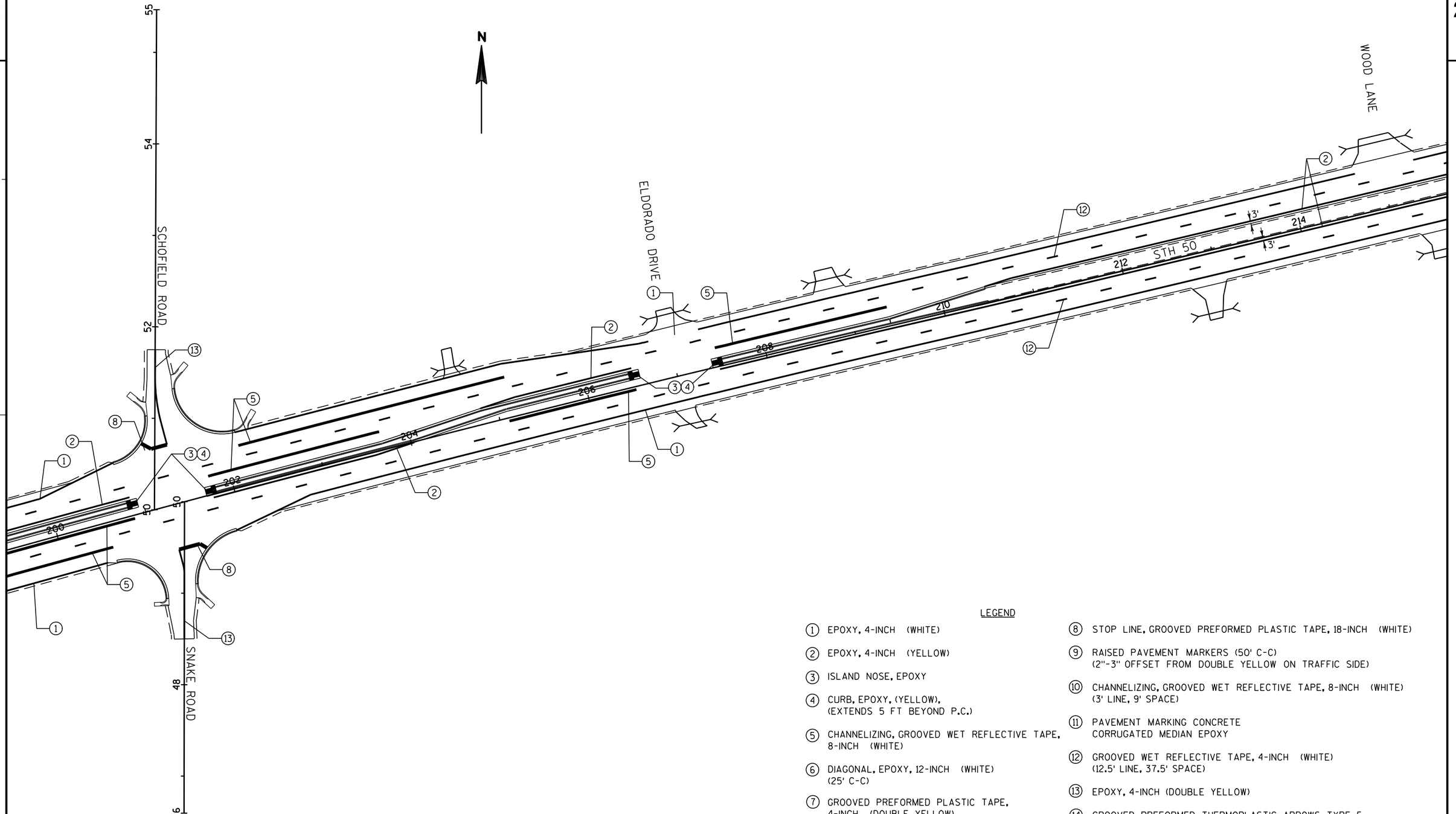


LEGEND

1. EPOXY, 4-INCH (WHITE)
2. EPOXY, 4-INCH (YELLOW)
3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
9. RAISED PAVEMENT MARKERS (50' C-C) (2"-3" OFFSET FROM DOUBLE YELLOW ON TRAFFIC SIDE)
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13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 95	E

2

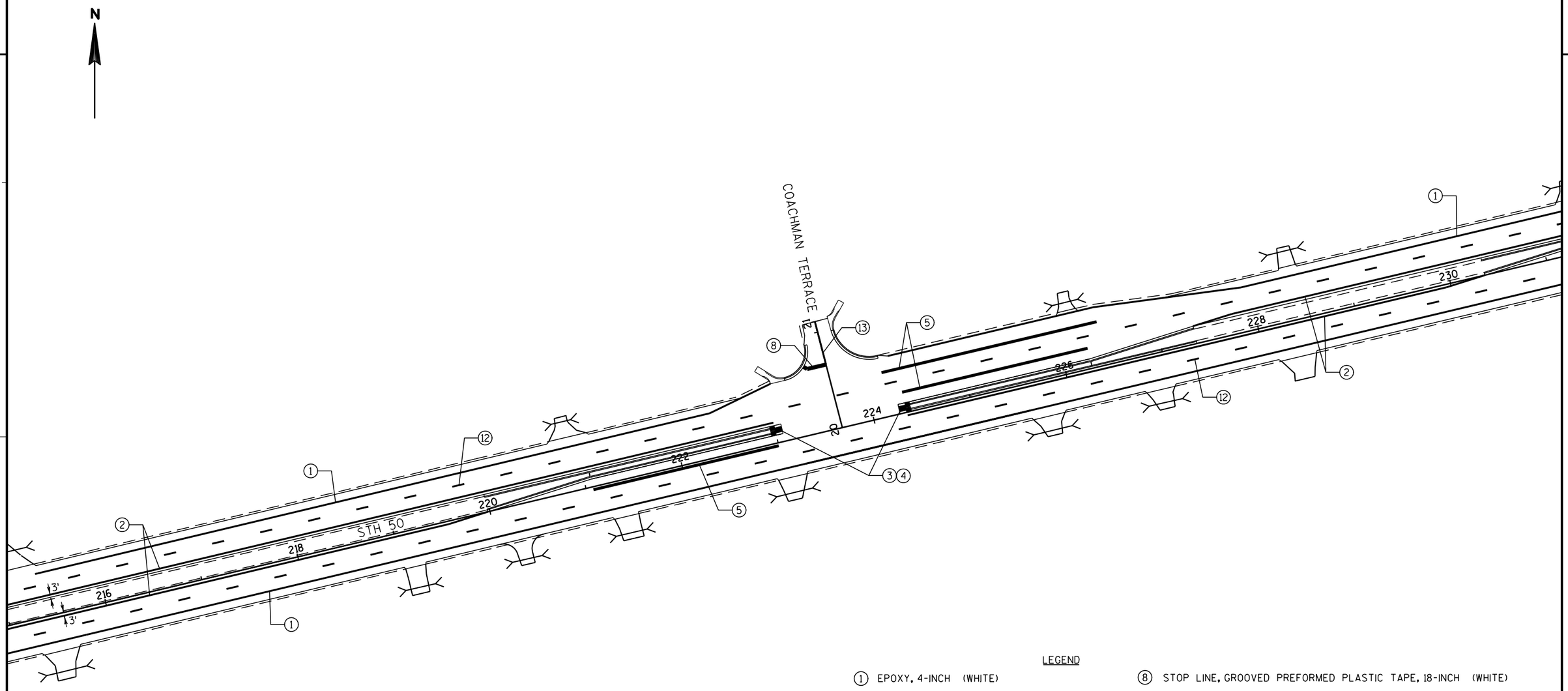


LEGEND

1. EPOXY, 4-INCH (WHITE)
2. EPOXY, 4-INCH (YELLOW)
3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
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10. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE) (3' LINE, 9' SPACE)
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12. GROOVED WET REFLECTIVE TAPE, 4-INCH (WHITE) (12.5' LINE, 37.5' SPACE)
13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 96	E

2

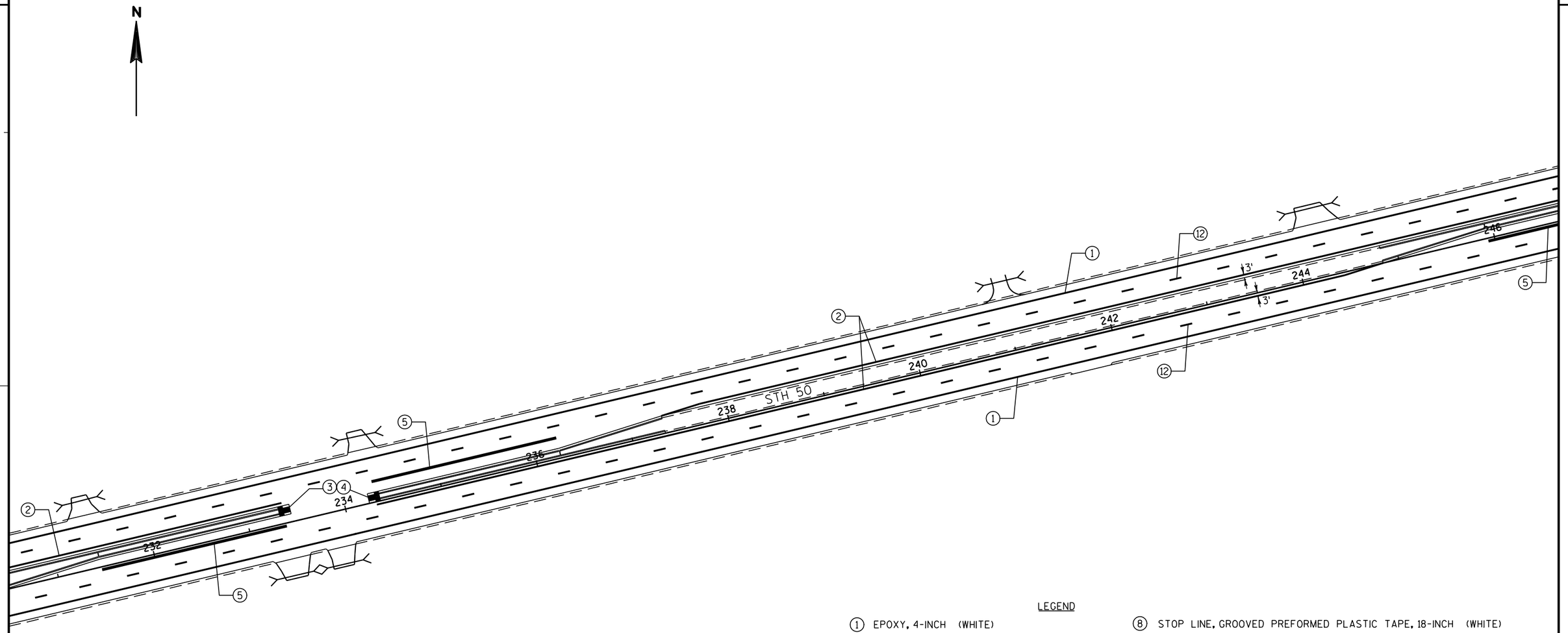


LEGEND

1. EPOXY, 4-INCH (WHITE)
2. EPOXY, 4-INCH (YELLOW)
3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
9. RAISED PAVEMENT MARKERS (50' C-C) (2"-3" OFFSET FROM DOUBLE YELLOW ON TRAFFIC SIDE)
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12. GROOVED WET REFLECTIVE TAPE, 4-INCH (WHITE) (12.5' LINE, 37.5' SPACE)
13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 97	E

2

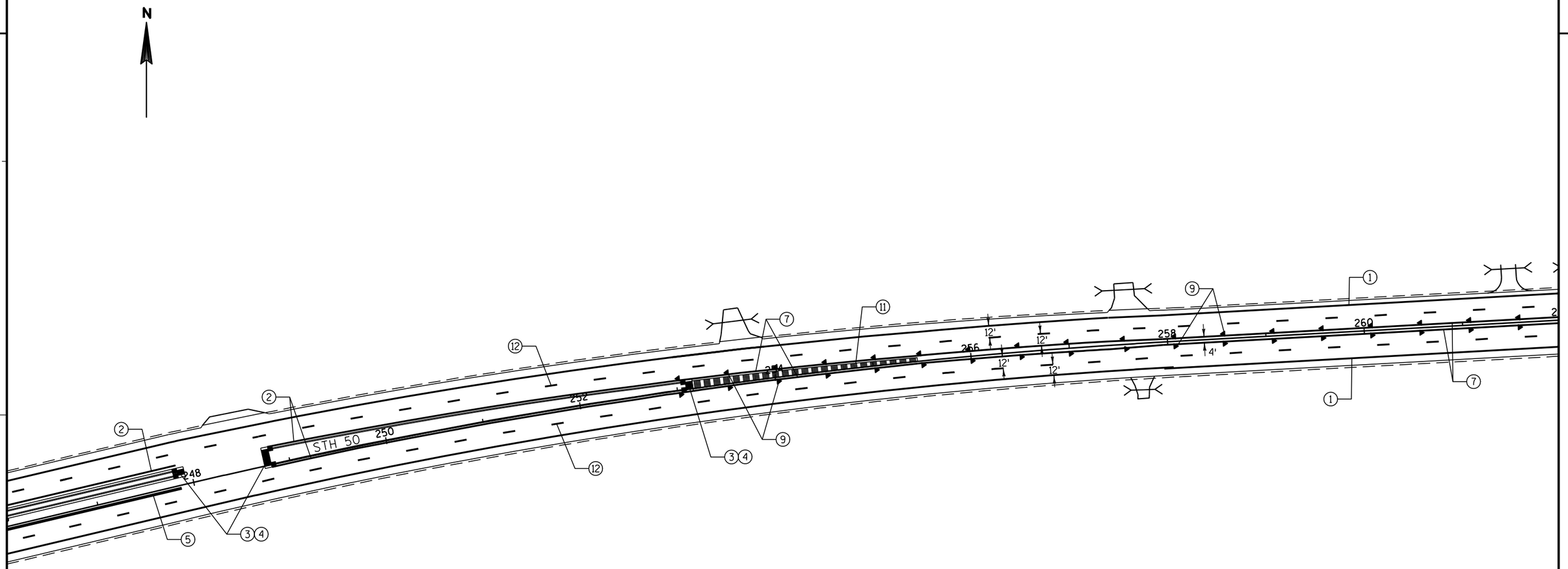


LEGEND

1. EPOXY, 4-INCH (WHITE)
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3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
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11. PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY
12. GROOVED WET REFLECTIVE TAPE, 4-INCH (WHITE) (12.5' LINE, 37.5' SPACE)
13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 98	E

2



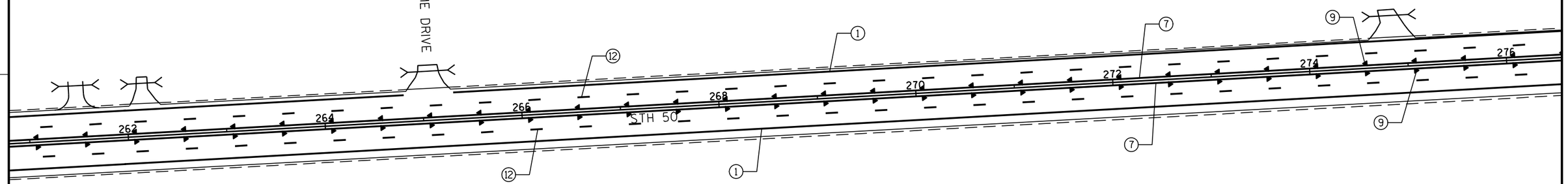
LEGEND

1. EPOXY, 4-INCH (WHITE)
2. EPOXY, 4-INCH (YELLOW)
3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
9. RAISED PAVEMENT MARKERS (50' C-C) (2"-3" OFFSET FROM DOUBLE YELLOW ON TRAFFIC SIDE)
10. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE) (3' LINE, 9' SPACE)
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12. GROOVED WET REFLECTIVE TAPE, 4-INCH (WHITE) (12.5' LINE, 37.5' SPACE)
13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 99	E

2

N

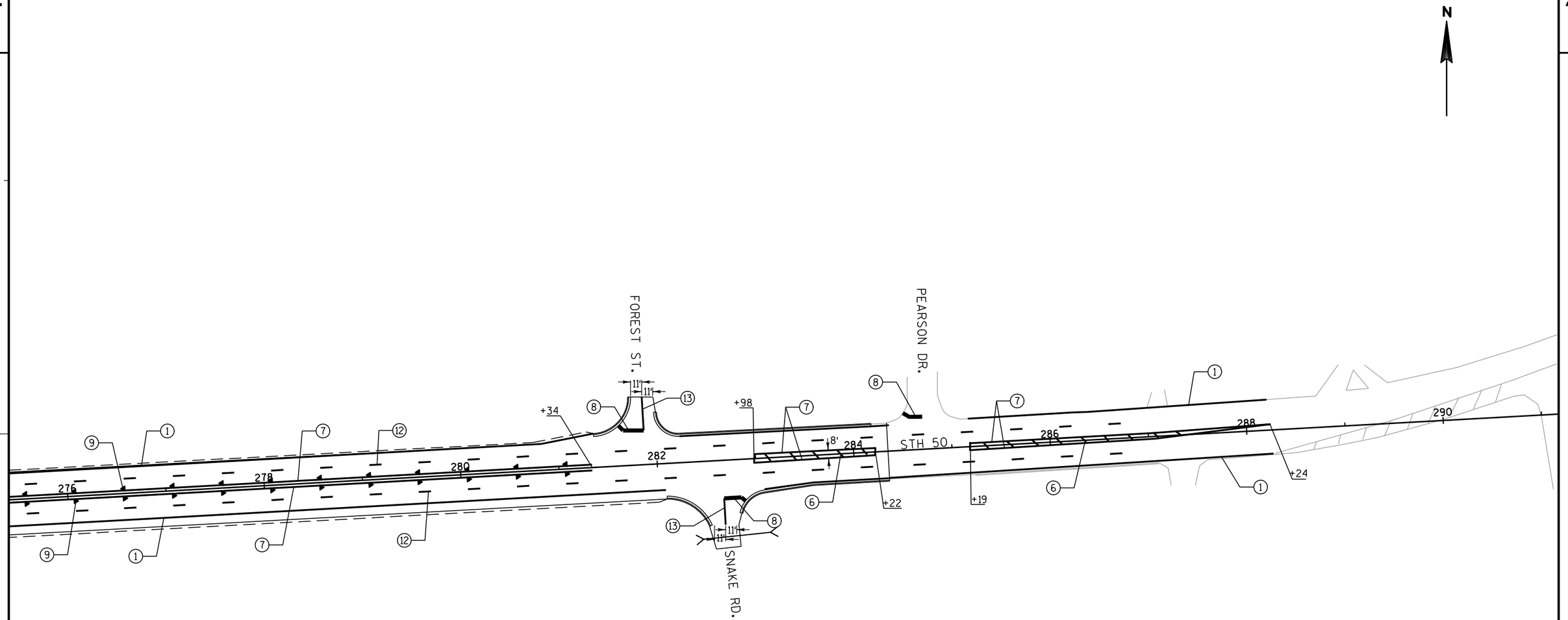


LEGEND

1. EPOXY, 4-INCH (WHITE)
2. EPOXY, 4-INCH (YELLOW)
3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
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11. PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY
12. GROOVED WET REFLECTIVE TAPE, 4-INCH (WHITE) (12.5' LINE, 37.5' SPACE)
13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 100	E

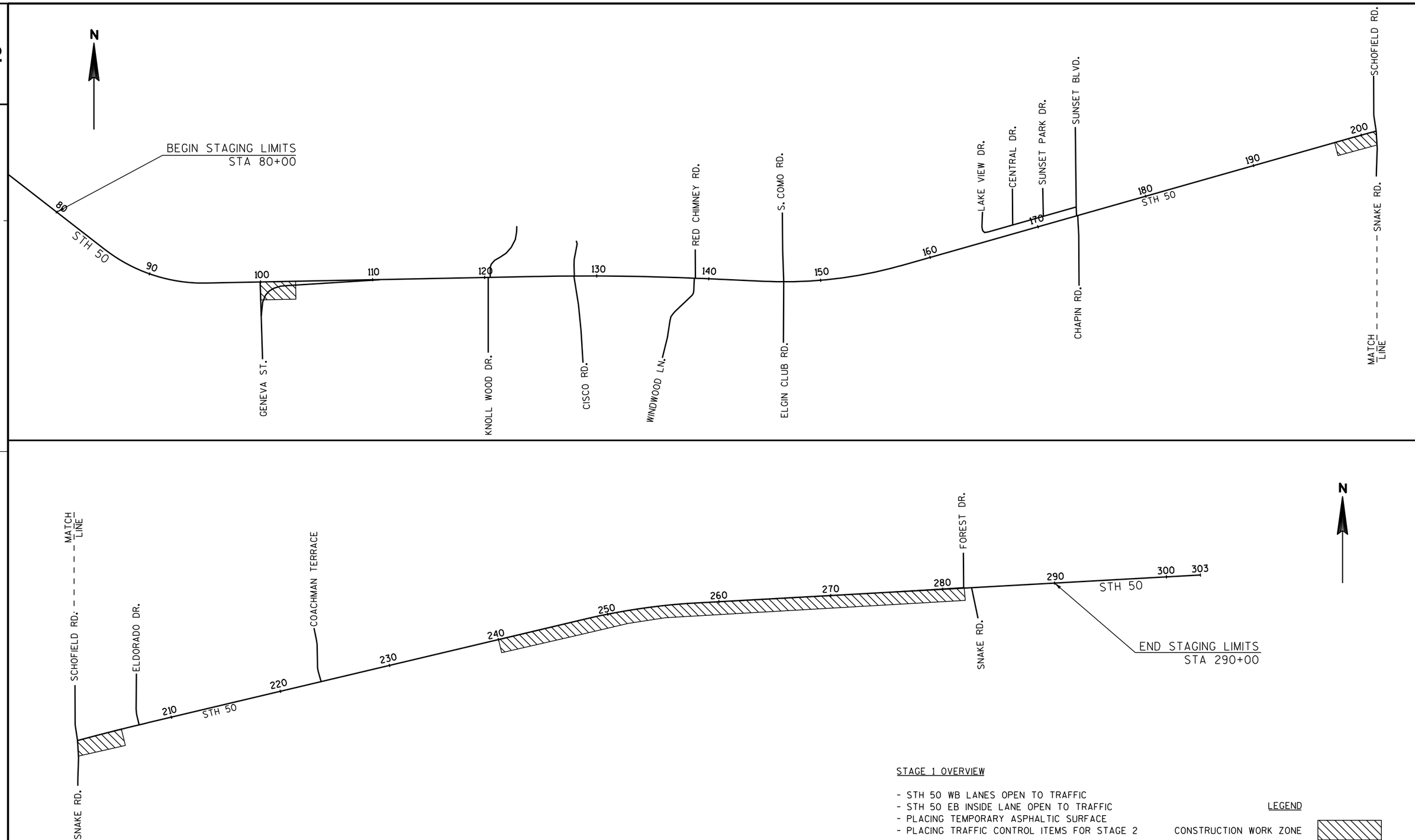
2



LEGEND

1. EPOXY, 4-INCH (WHITE)
2. EPOXY, 4-INCH (YELLOW)
3. ISLAND NOSE, EPOXY
4. CURB, EPOXY, (YELLOW), (EXTENDS 5 FT BEYOND P.C.)
5. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE)
6. DIAGONAL, EPOXY, 12-INCH (WHITE) (25' C-C)
7. GROOVED PREFORMED PLASTIC TAPE, 4-INCH (DOUBLE YELLOW)
8. STOP LINE, GROOVED PREFORMED PLASTIC TAPE, 18-INCH (WHITE)
9. RAISED PAVEMENT MARKERS (50' C-C) (2"-3" OFFSET FROM DOUBLE YELLOW ON TRAFFIC SIDE)
10. CHANNELIZING, GROOVED WET REFLECTIVE TAPE, 8-INCH (WHITE) (3' LINE, 9' SPACE)
11. PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY
12. GROOVED WET REFLECTIVE TAPE, 4-INCH (WHITE) (12.5' LINE, 37.5' SPACE)
13. EPOXY, 4-INCH (DOUBLE YELLOW)
14. GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 5

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 101	E



STAGE 1 OVERVIEW

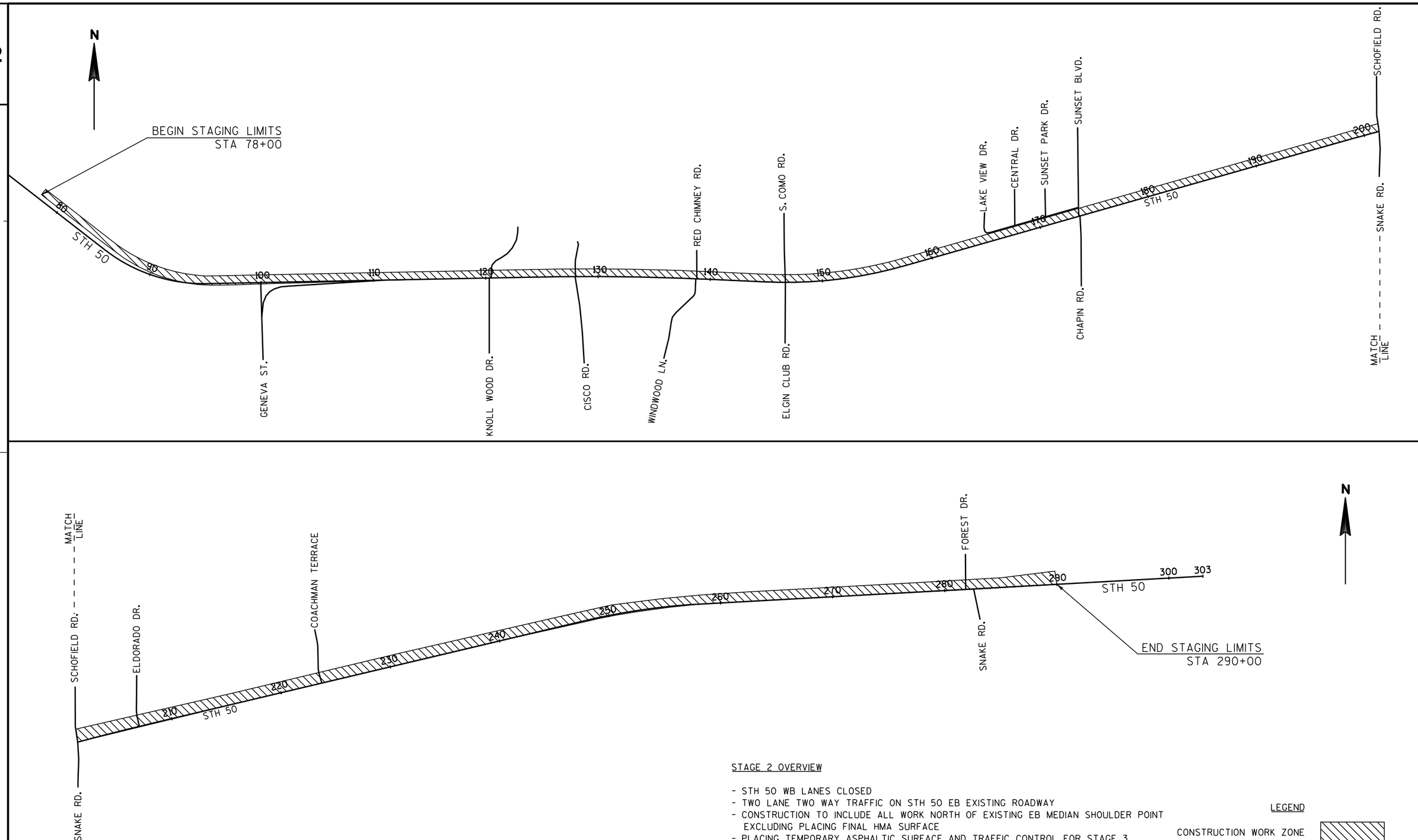
- STH 50 WB LANES OPEN TO TRAFFIC
- STH 50 EB INSIDE LANE OPEN TO TRAFFIC
- PLACING TEMPORARY ASPHALTIC SURFACE
- PLACING TRAFFIC CONTROL ITEMS FOR STAGE 2

LEGEND

CONSTRUCTION WORK ZONE

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	STAGE 1 OVERVIEW	SHEET 102	E

FILE NAME : j:\projects\d2_31700050\025001_TS.dgn PLOT DATE : 26-OCT-2012 10:56 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 800:1



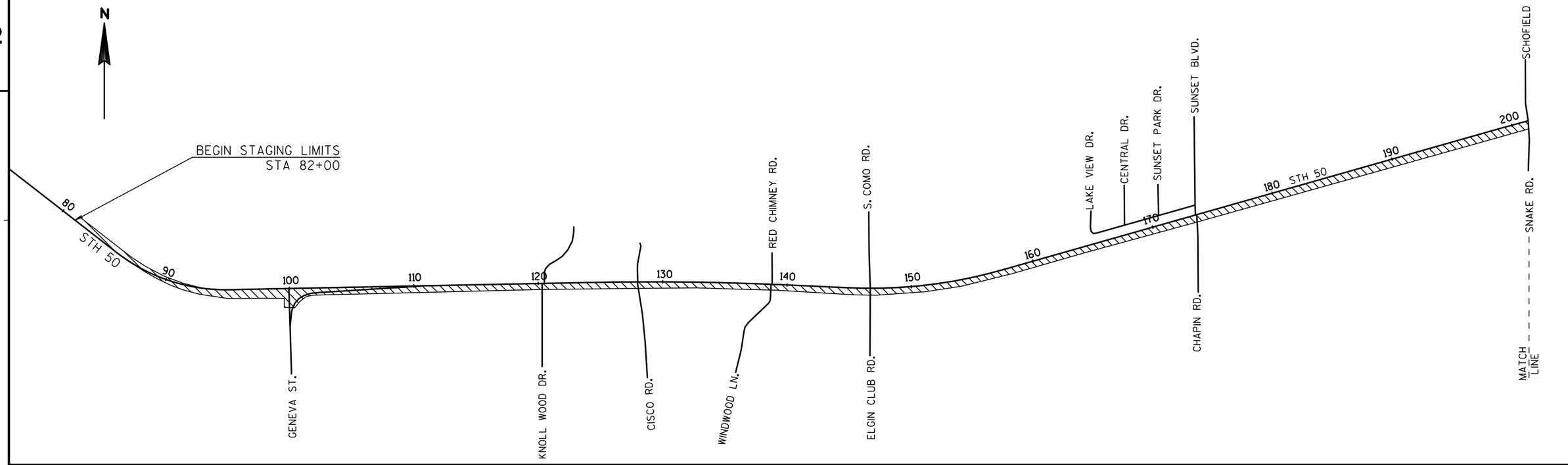
STAGE 2 OVERVIEW

- STH 50 WB LANES CLOSED
- TWO LANE TWO WAY TRAFFIC ON STH 50 EB EXISTING ROADWAY
- CONSTRUCTION TO INCLUDE ALL WORK NORTH OF EXISTING EB MEDIAN SHOULDER POINT EXCLUDING PLACING FINAL HMA SURFACE
- PLACING TEMPORARY ASPHALTIC SURFACE AND TRAFFIC CONTROL FOR STAGE 3

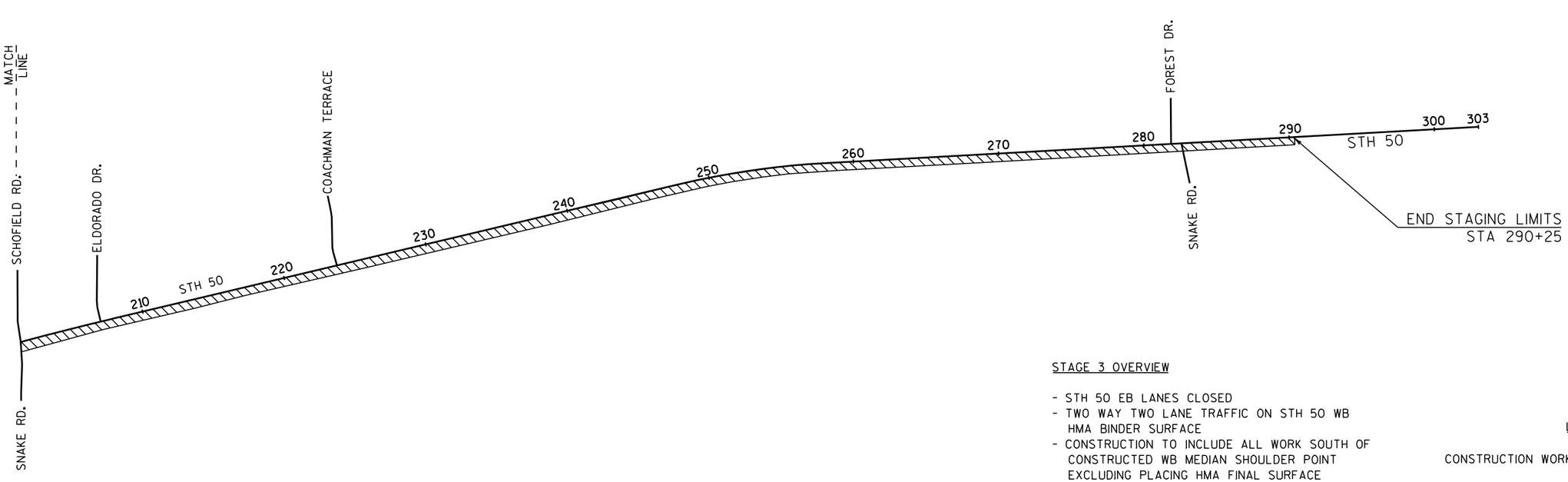
LEGEND

CONSTRUCTION WORK ZONE

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	STAGE 2 OVERVIEW	SHEET 103	E



2



STAGE 3 OVERVIEW

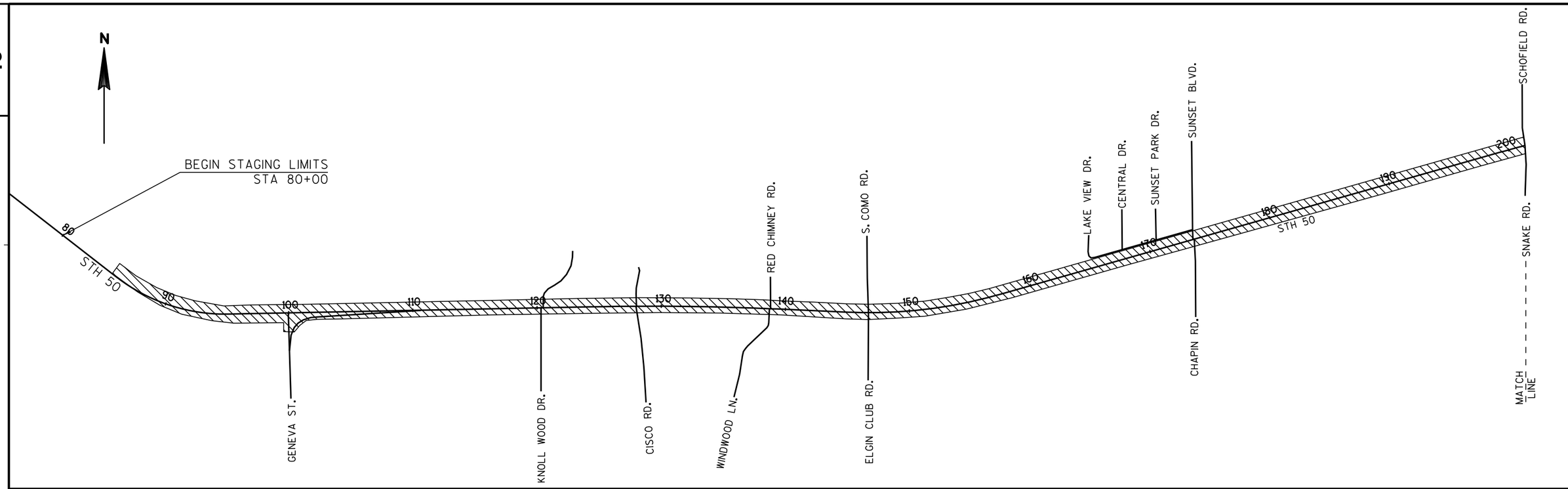
- STH 50 EB LANES CLOSED
- TWO WAY TWO LANE TRAFFIC ON STH 50 WB HMA BINDER SURFACE
- CONSTRUCTION TO INCLUDE ALL WORK SOUTH OF CONSTRUCTED WB MEDIAN SHOULDER POINT EXCLUDING PLACING HMA FINAL SURFACE

LEGEND

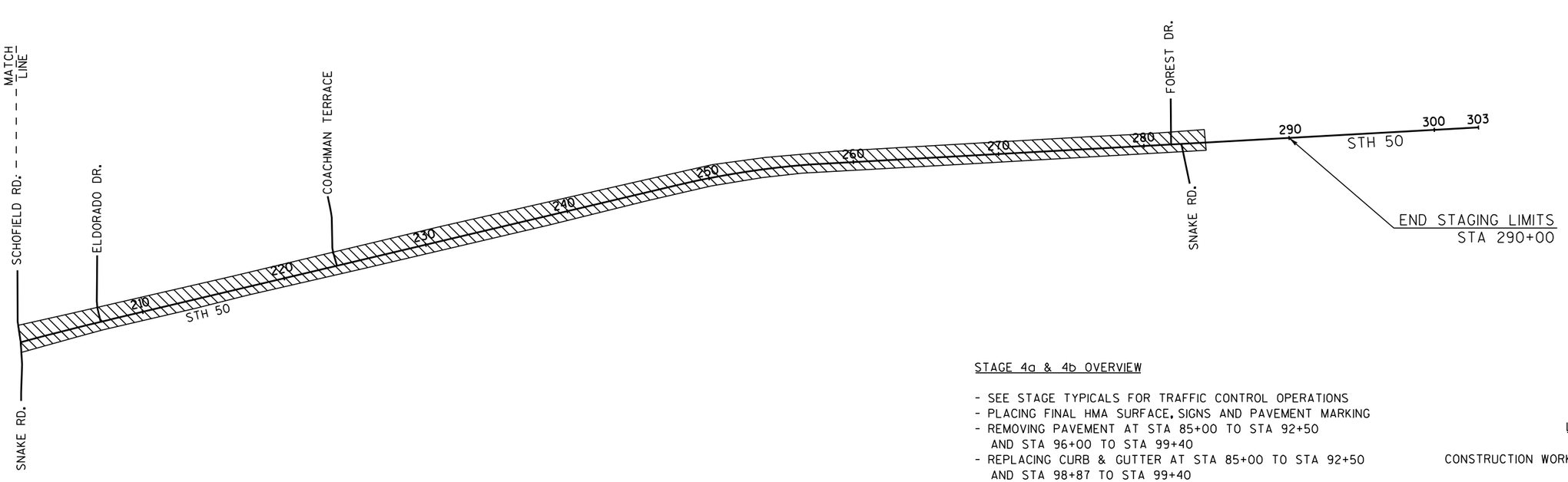
CONSTRUCTION WORK ZONE

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	STAGE 3 OVERVIEW	SHEET 104	E

FILE NAME : j:\projects\d2_31700050\025003_TS.dgn PLOT DATE : 26-OCT-2012 10:57 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 800:1



2



STAGE 4a & 4b OVERVIEW

- SEE STAGE TYPICALS FOR TRAFFIC CONTROL OPERATIONS
- PLACING FINAL HMA SURFACE, SIGNS AND PAVEMENT MARKING
- REMOVING PAVEMENT AT STA 85+00 TO STA 92+50
  AND STA 96+00 TO STA 99+40
- REPLACING CURB & GUTTER AT STA 85+00 TO STA 92+50
  AND STA 98+87 TO STA 99+40

LEGEND

CONSTRUCTION WORK ZONE

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	STAGE 4a & 4b OVERVIEW	SHEET 105	E

2

LEGEND:

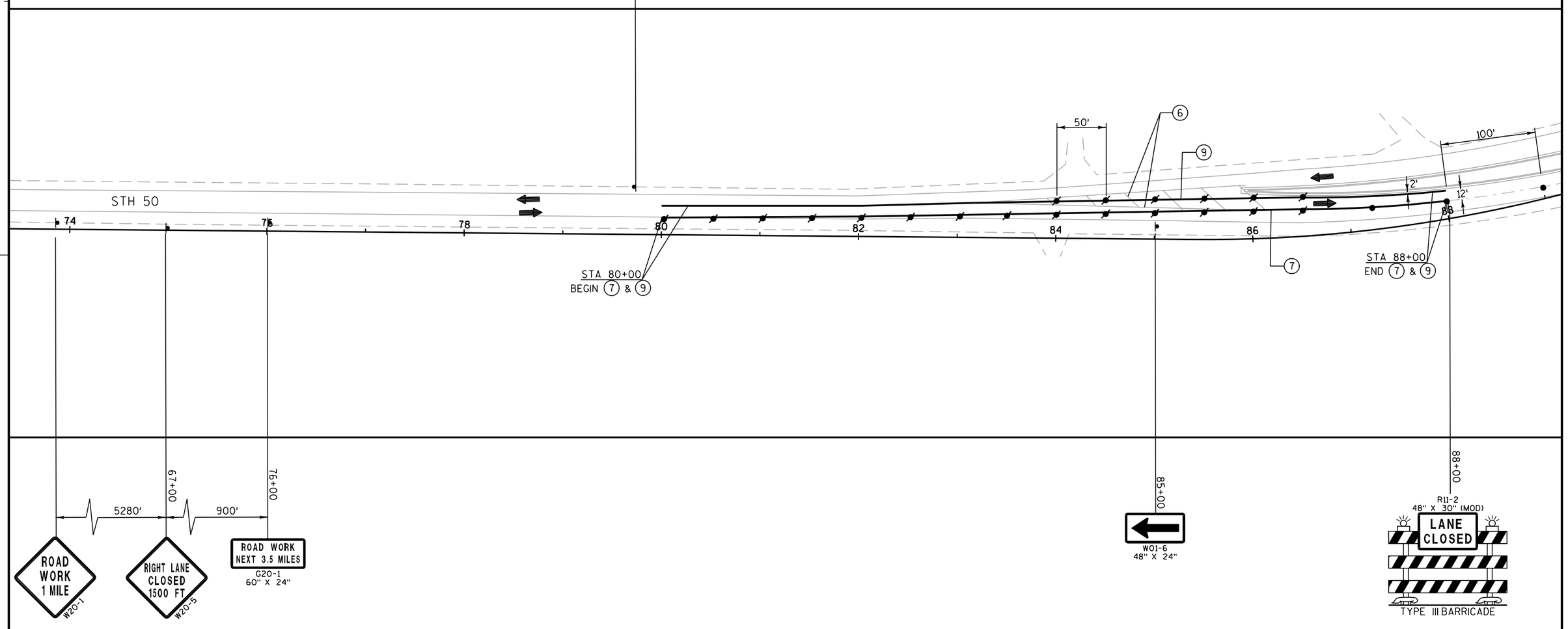
6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)



NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE FOR STAGING LIMITS (STA 86+00 - 288+25, RT)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 106	E

2

LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

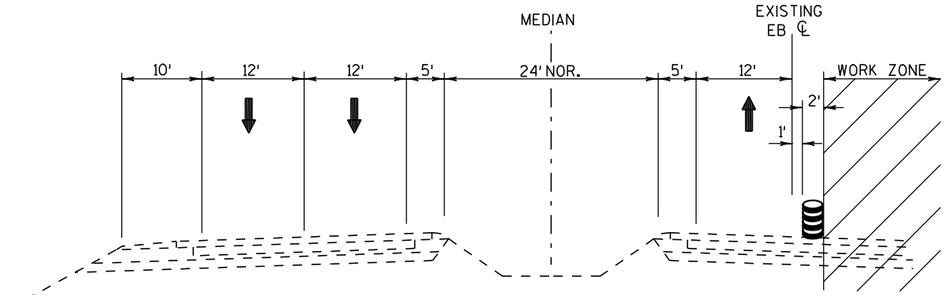
WORK ZONE

XXXXX SAWCUT

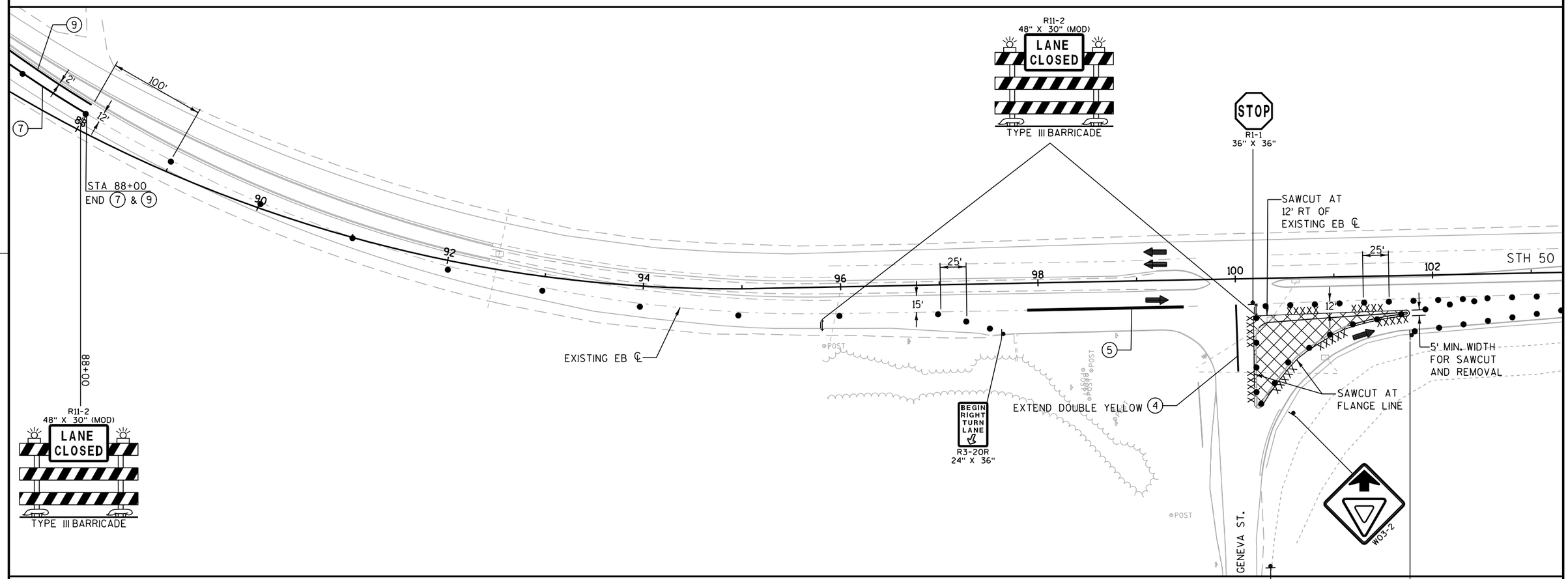
- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

N



STAGE 1 TYPICAL SECTION
STH 50
STA. 96+00 TO STA. 257+50, RT



NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE FOR STAGING LIMITS (STA 86+00 - 288+25, RT)

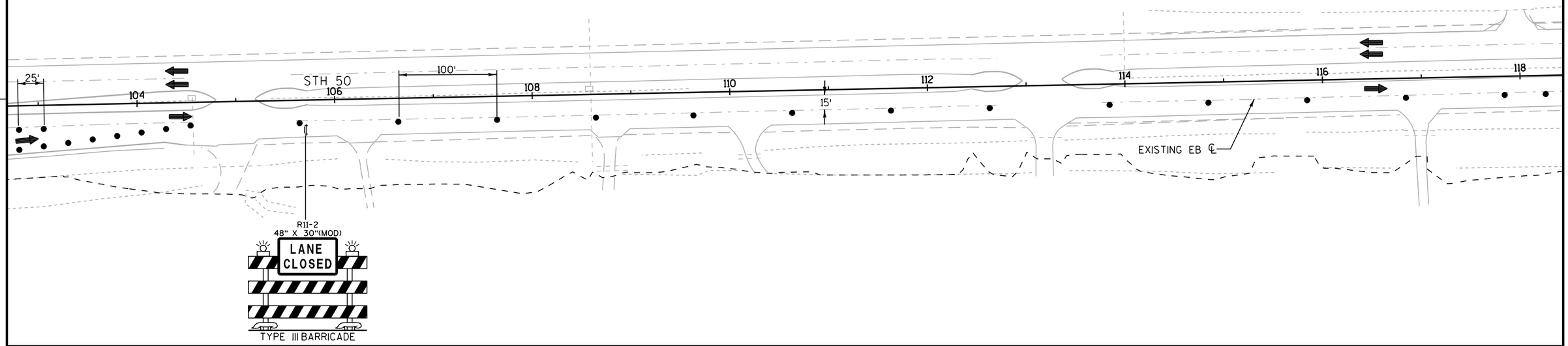
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 107	E

2

2

NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE
FOR STAGING LIMITS (STA 86+00 - 288+25, RT)



LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX
SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 108	E

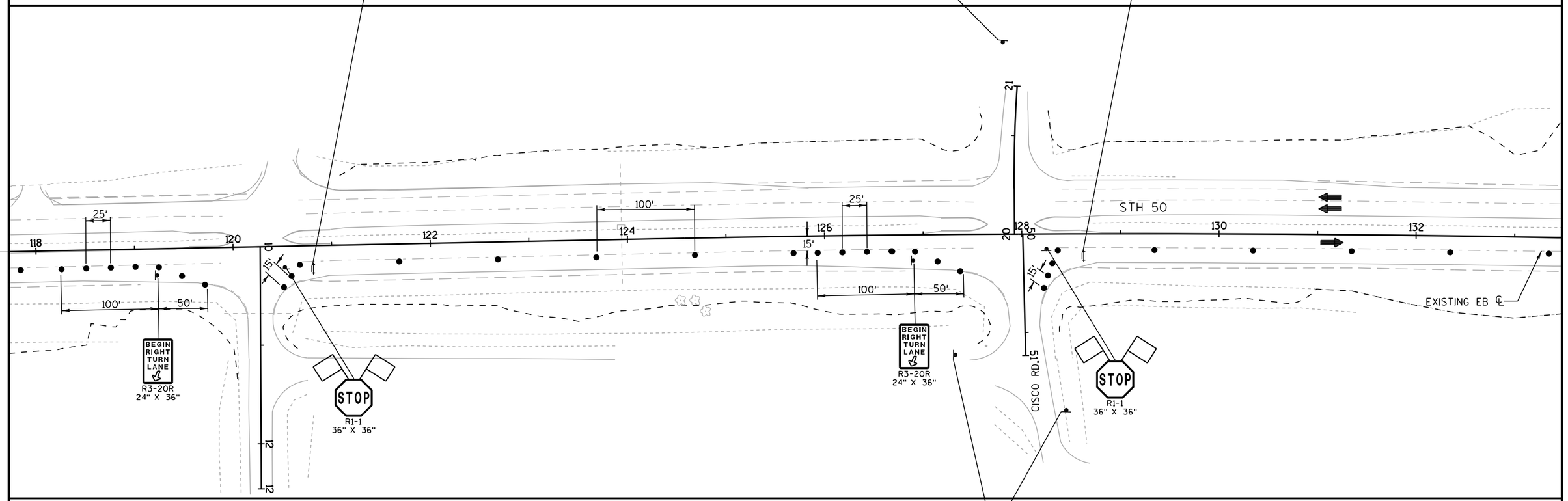
2

N

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE



ROAD WORK AHEAD
W20-1

LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

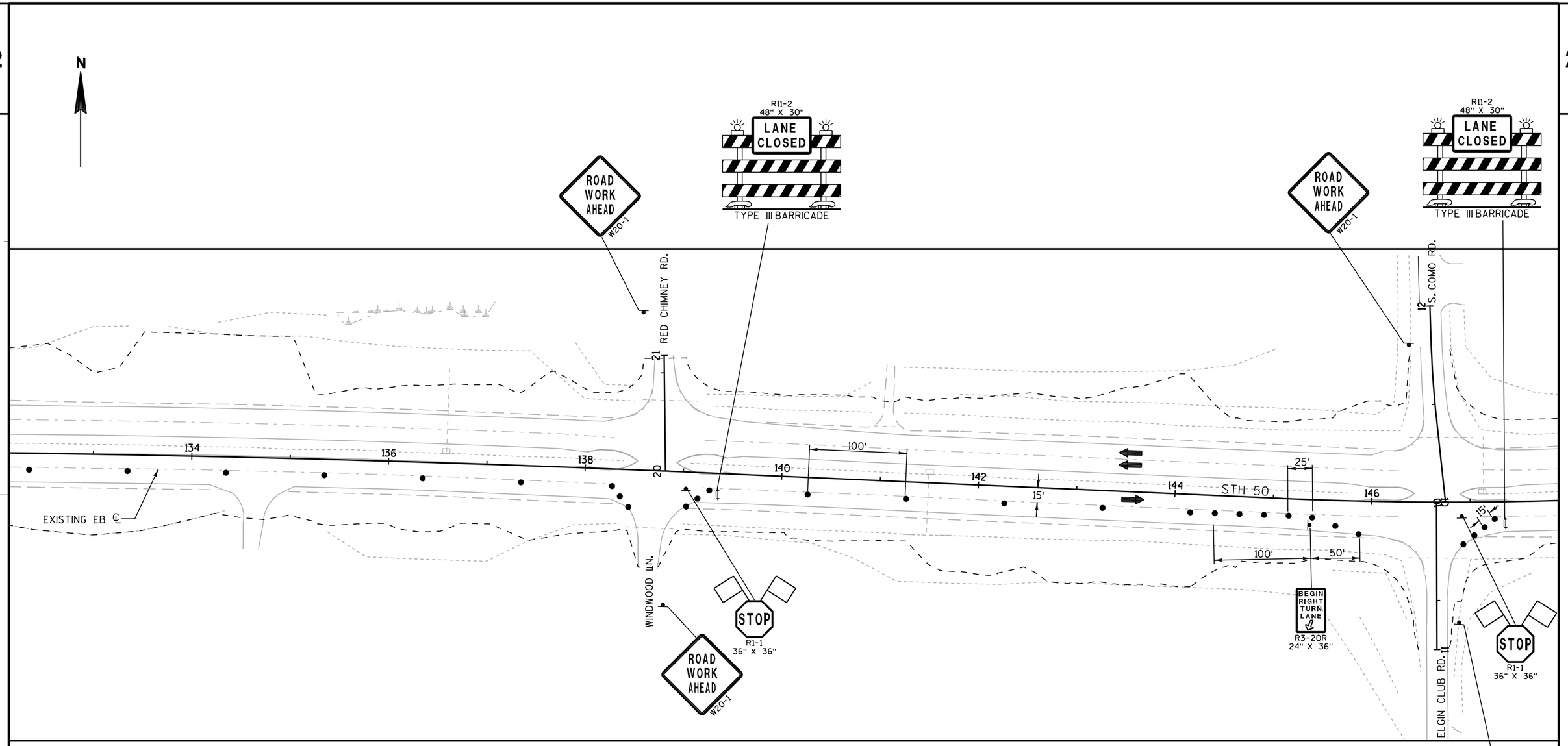
1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE FOR STAGING LIMITS (STA 86+00 - 288+25, RT)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 109	E

2



LEGEND:

	6" ASPHALTIC SURFACE TEMPORARY	BARRICADE TYPE III
		BARRICADE TYPE III WITH SIGN
		DRUM
		DRUM WITH LIGHT
		FLEXIBLE TUBULAR MARKER
	WORK ZONE	SIGN ON SUPPORT
		ARROW BOARD
XXXXX	SAWCUT	DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

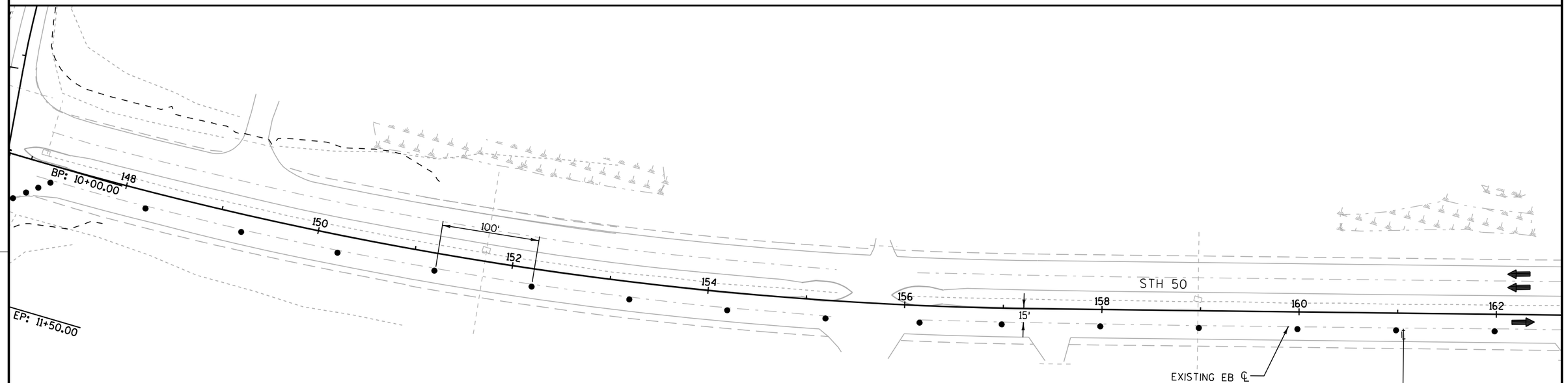
NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE FOR STAGING LIMITS (STA 86+00 - 288+25, RT)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 110	E

NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE
FOR STAGING LIMITS (STA 86+00 - 288+25, RT)



LEGEND:

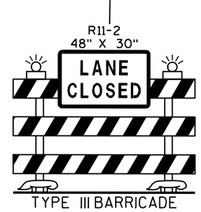
6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3'LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

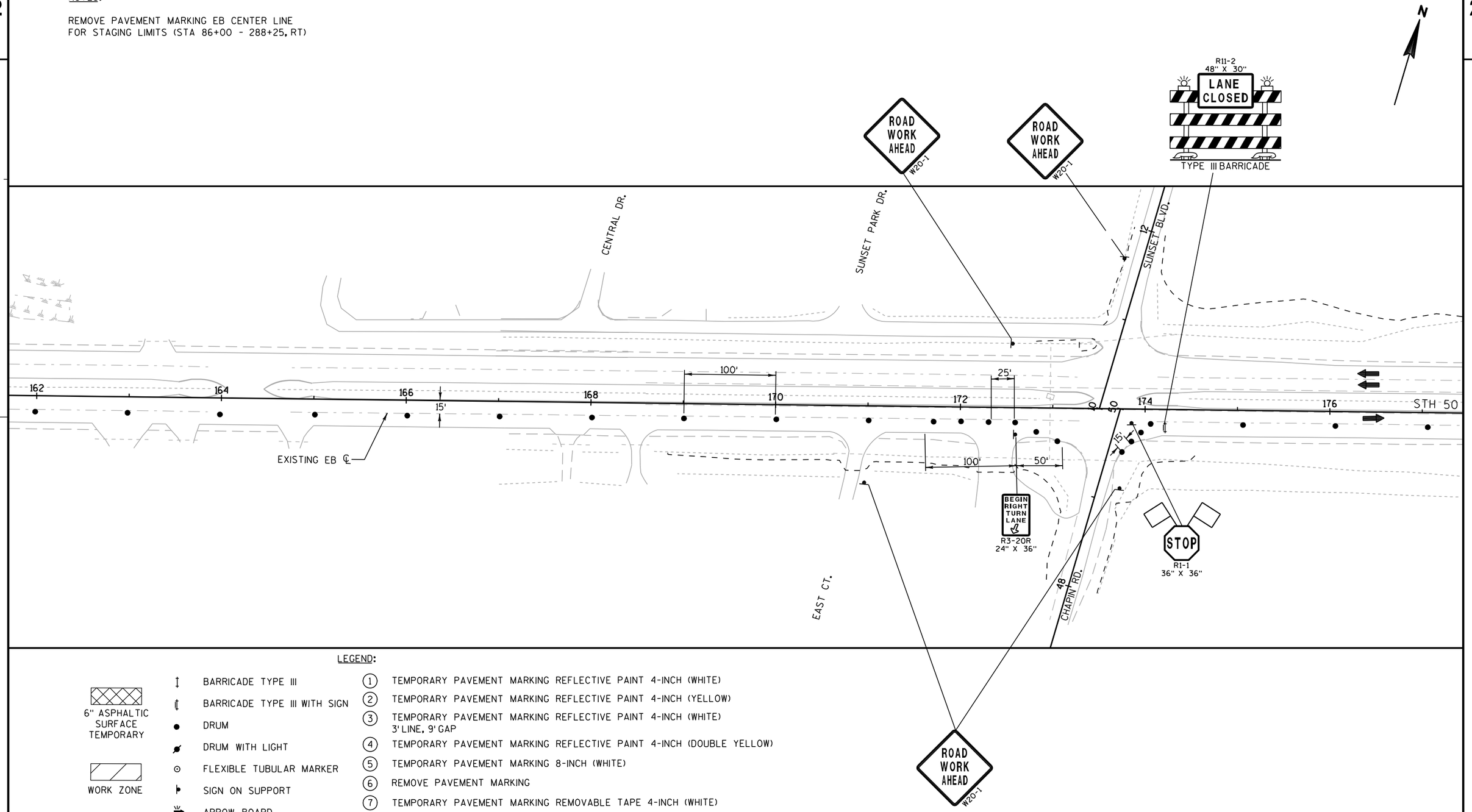


TYPE III BARRICADE

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 111	E

NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE
FOR STAGING LIMITS (STA 86+00 - 288+25, RT)



LEGEND:

6" ASPHALTIC SURFACE TEMPORARY	BARRICADE TYPE III	1	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
	BARRICADE TYPE III WITH SIGN	2	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
	DRUM	3	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3'LINE, 9'GAP
	DRUM WITH LIGHT	4	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
WORK ZONE	FLEXIBLE TUBULAR MARKER	5	TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
	SIGN ON SUPPORT	6	REMOVE PAVEMENT MARKING
XXXXX SAWCUT	ARROW BOARD	7	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	8	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
		9	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 112	E

2

N

6" ASPHALTIC SURFACE TEMPORARY

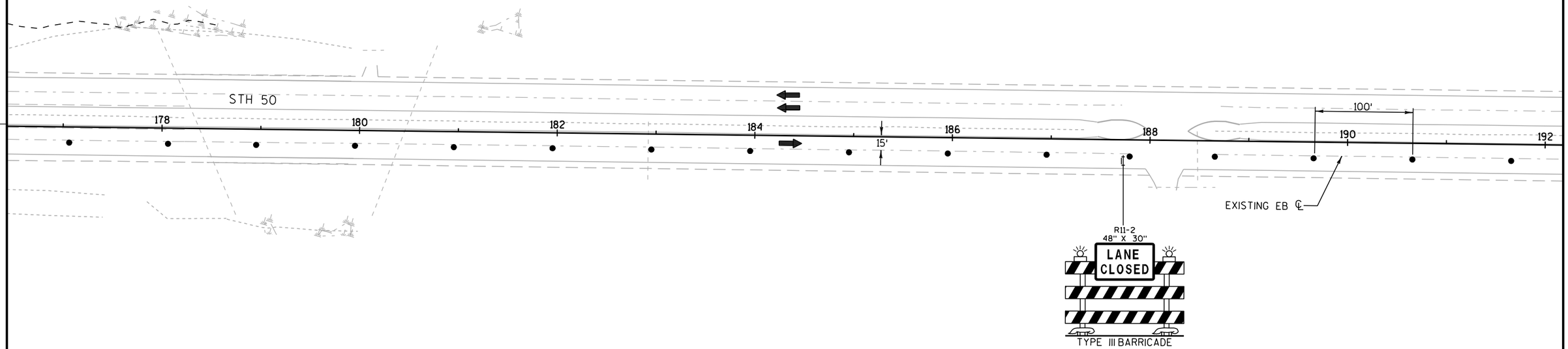
WORK ZONE

XXXXX
SAWCUT

LEGEND:

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)



NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE FOR STAGING LIMITS (STA 86+00 - 288+25, RT)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 113	E

LEGEND:

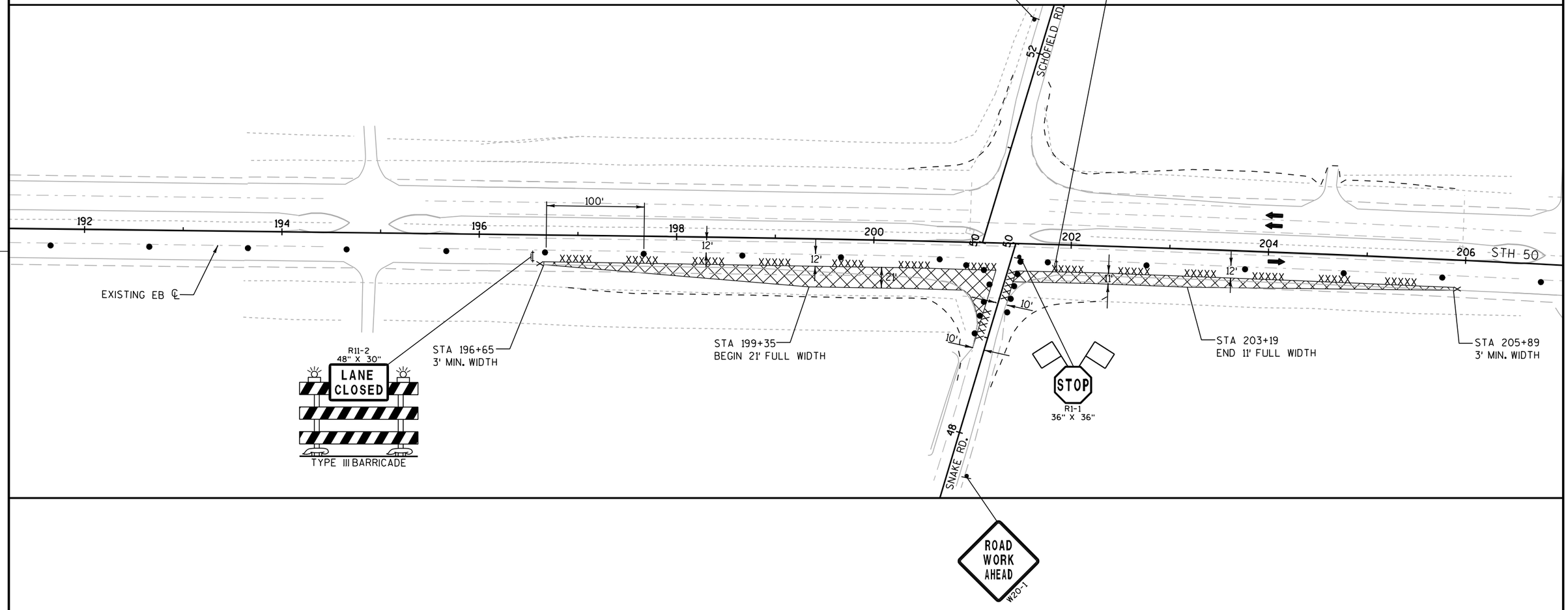
6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)



NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE FOR STAGING LIMITS (STA 86+00 - 288+25, RT)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 114	E

2

LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

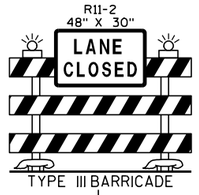
FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

ARROW BOARD

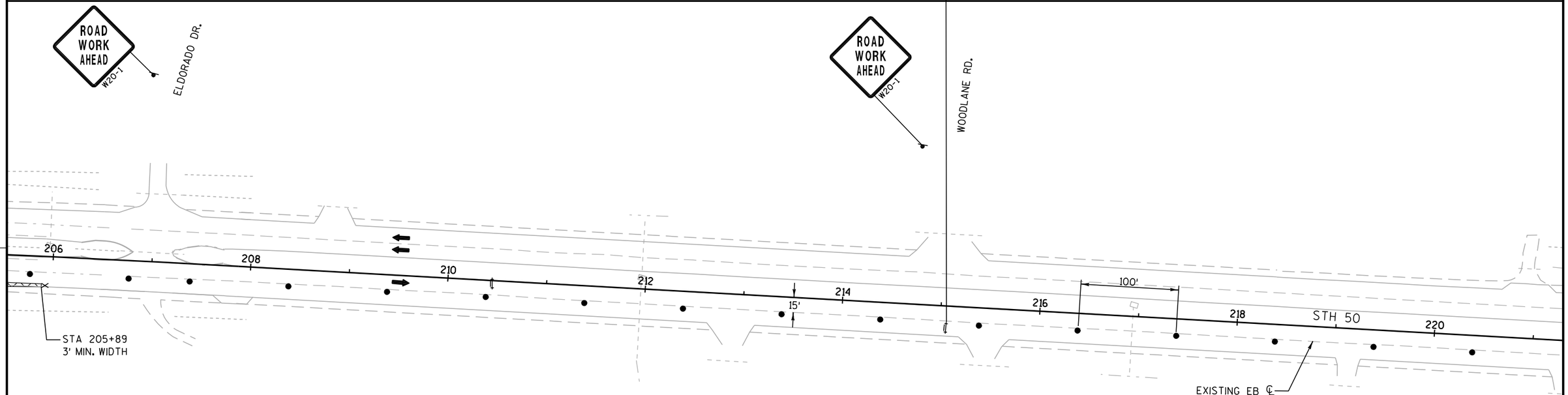
DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)



TYPE III BARRICADE





NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE FOR STAGING LIMITS (STA 86+00 - 288+25, RT)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 115	E

2

N

ROAD WORK AHEAD
W20-1

6" ASPHALTIC SURFACE TEMPORARY

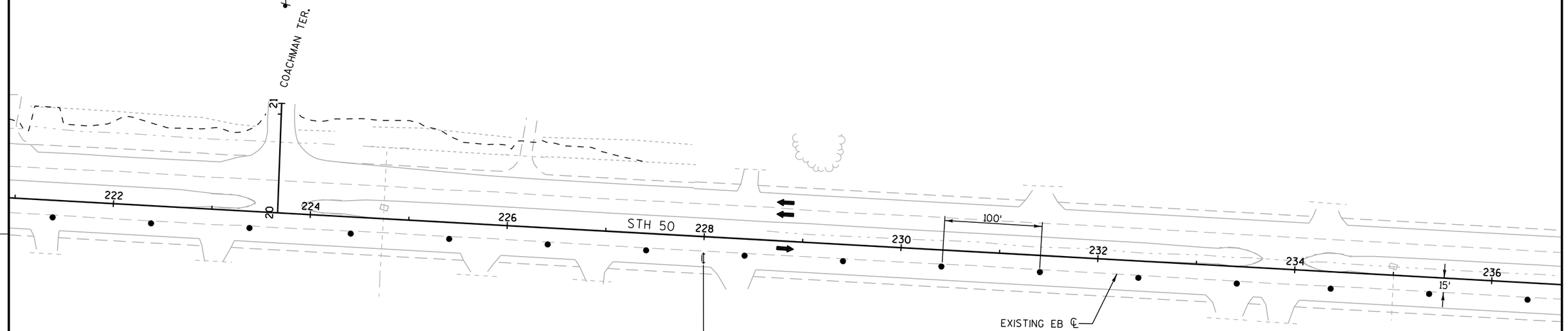
WORK ZONE

XXXXX SAWCUT

LEGEND:

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)



R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE FOR STAGING LIMITS (STA 86+00 - 288+25, RT)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 116	E

2

LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

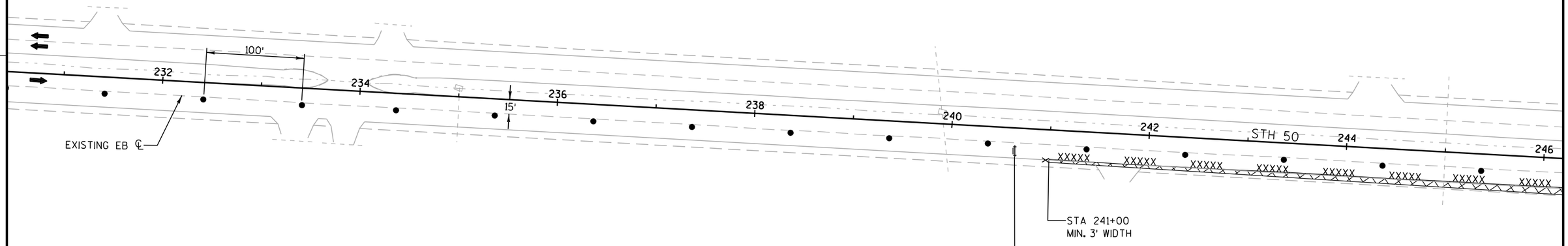
WORK ZONE

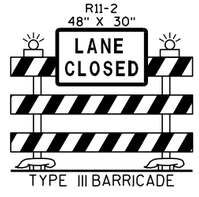
XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

N





TYPE III BARRICADE

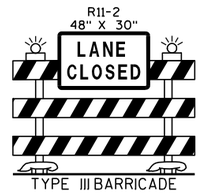
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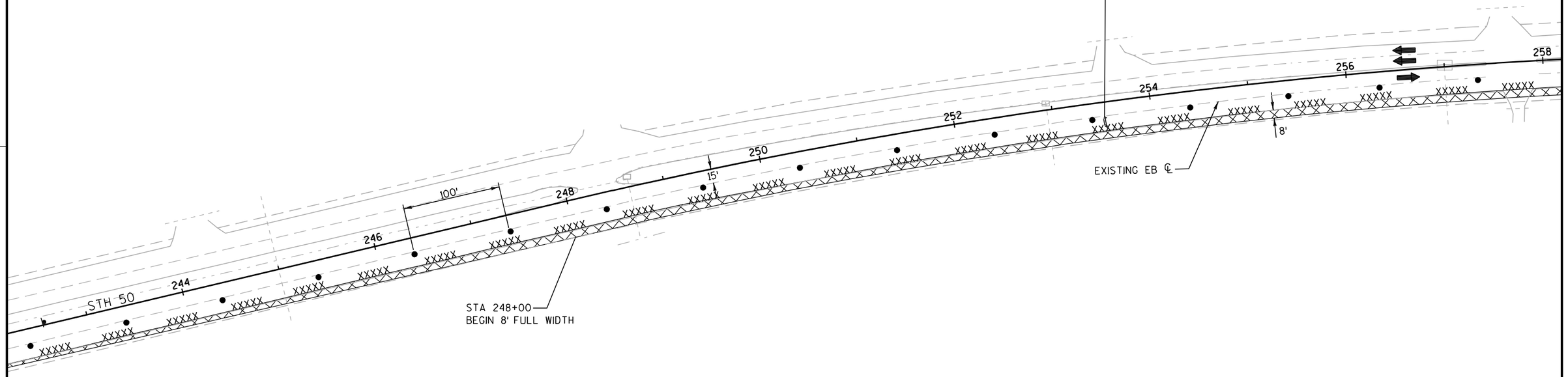
REMOVE PAVEMENT MARKING EB CENTER LINE FOR STAGING LIMITS (STA 86+00 - 288+25, RT)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 117	E

2

N





6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX
SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

ARROW BOARD

DIRECTION OF TRAFFIC

LEGEND:

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

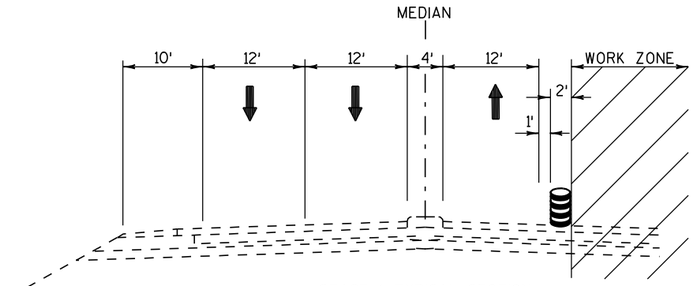
NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE FOR STAGING LIMITS (STA 86+00 - 288+25, RT)

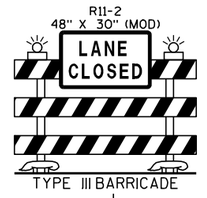
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 118	E

2

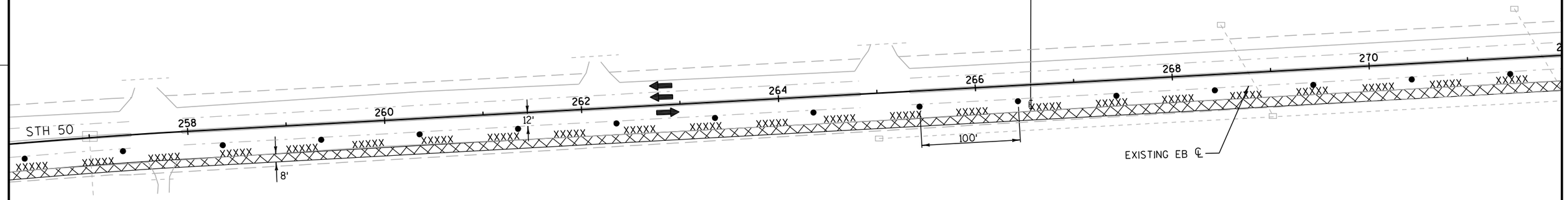
N



STAGE 1 TYPICAL SECTION
STH 50
STA. 257+50 TO STA. 284+35, RT



TYPE III BARRICADE



NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE
FOR STAGING LIMITS (STA 86+00 - 288+25, RT)

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX
SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

ARROW BOARD

DIRECTION OF TRAFFIC

LEGEND:

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3'LINE, 9'GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 119	E

2

LEGEND:

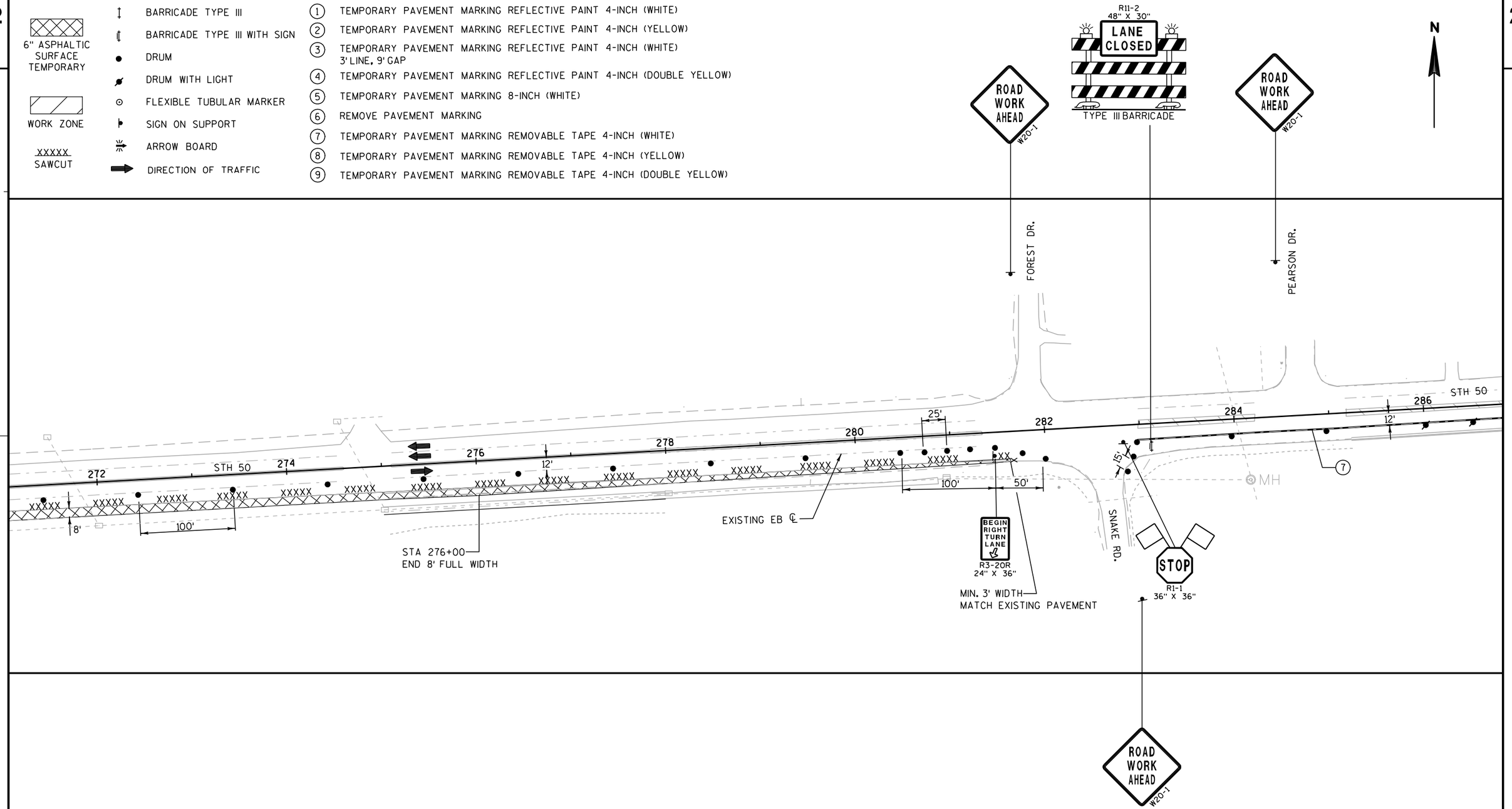
6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

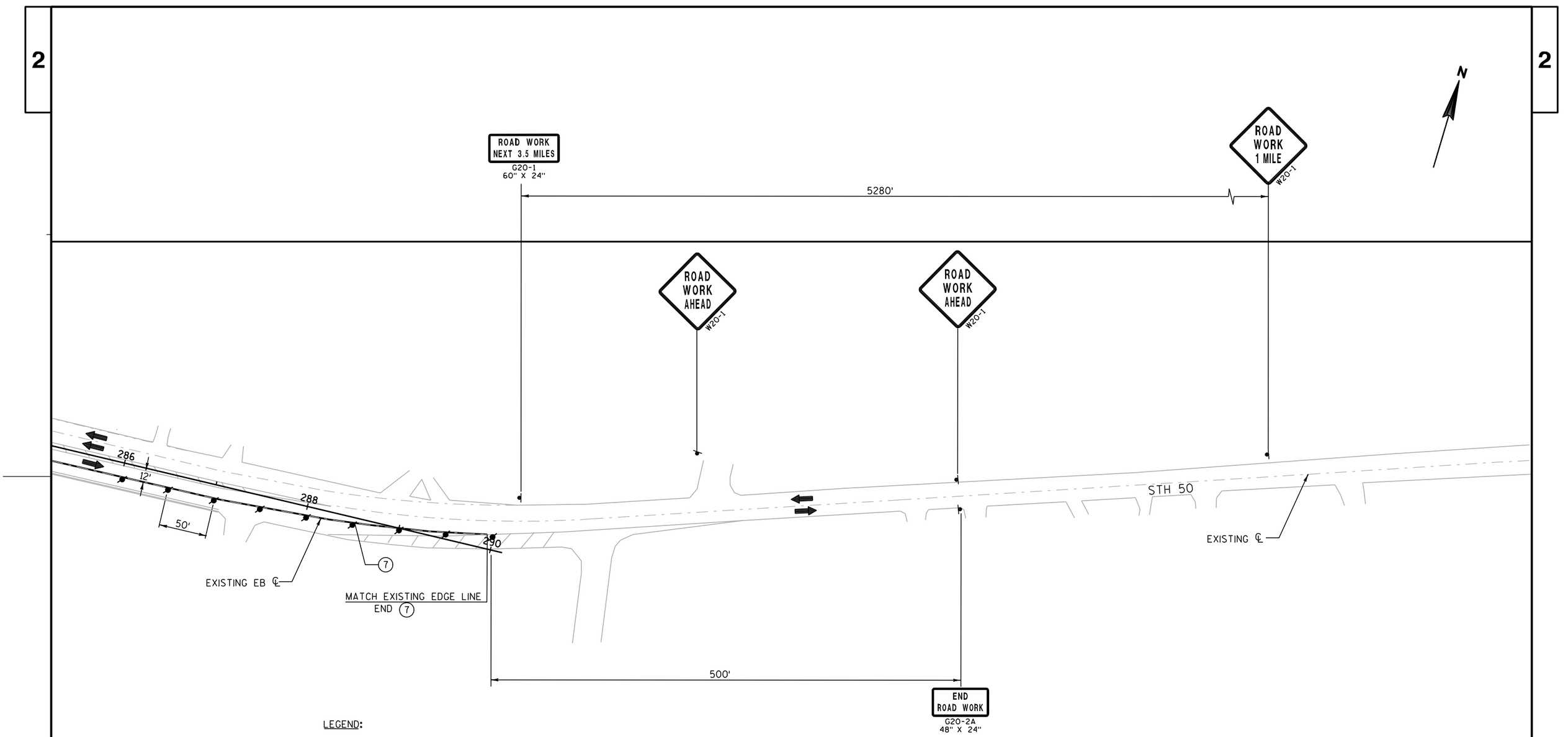


NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE
FOR STAGING LIMITS (STA 86+00 - 288+25, RT)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1	SHEET 120	E

2



LEGEND:

6" ASPHALTIC SURFACE TEMPORARY	BARRICADE TYPE III	1	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
	BARRICADE TYPE III WITH SIGN	2	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
	DRUM	3	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
	DRUM WITH LIGHT	4	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
	FLEXIBLE TUBULAR MARKER	5	TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
WORK ZONE	SIGN ON SUPPORT	6	REMOVE PAVEMENT MARKING
XXXXX SAWCUT	ARROW BOARD	7	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	8	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
		9	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

NOTES:

REMOVE PAVEMENT MARKING EB CENTER LINE FOR STAGING LIMITS (STA 86+00 - 288+25, RT)

LEGEND:

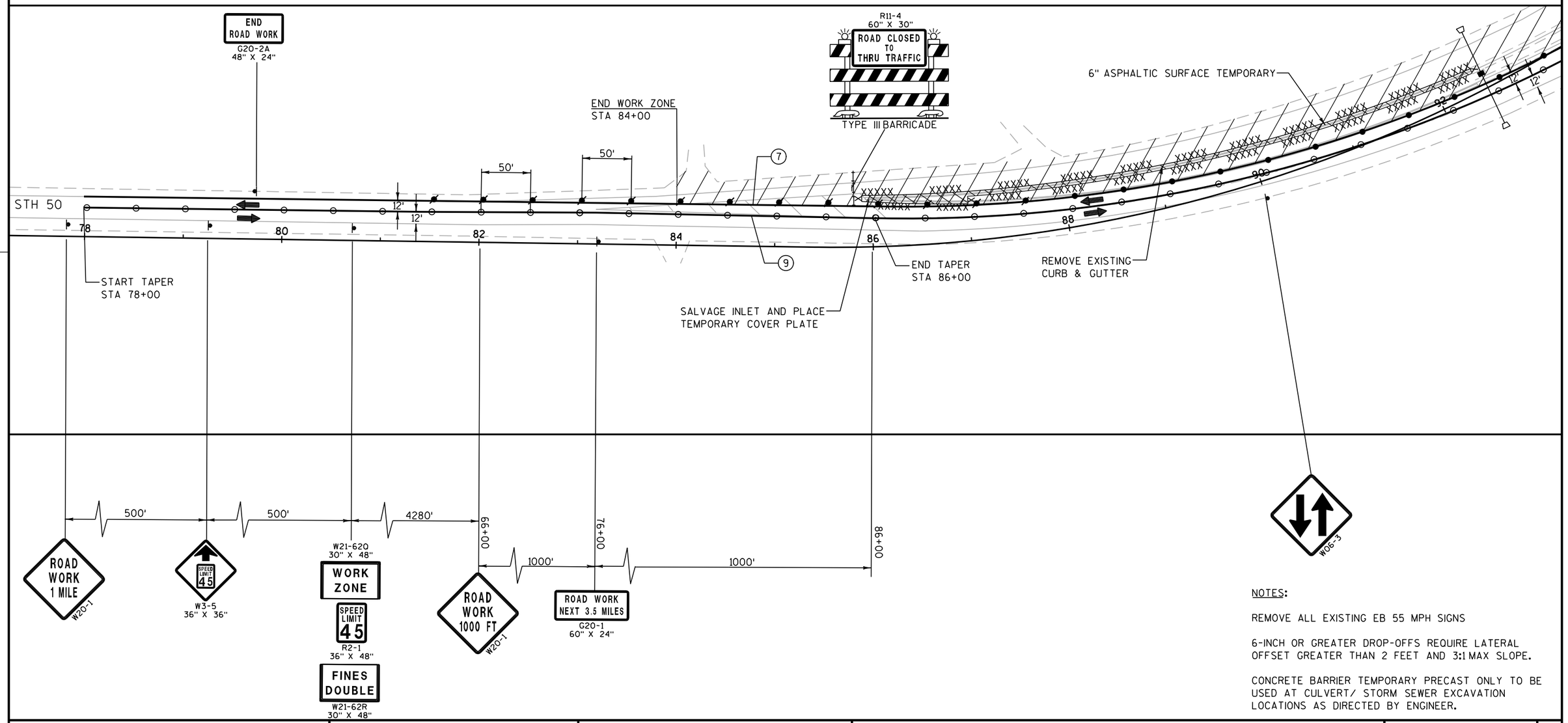
6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)



NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 122	E

2

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

ARROW BOARD

DIRECTION OF TRAFFIC

LEGEND:

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3'LINE, 9'GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
10. TEMPORARY PAVEMENT MARKING ARROWS

NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.

N

R11-4 60" X 30" ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE

R11-2 48" X 30" ROAD CLOSED — TYPE III BARRICADE

W21-620 30" X 48" WORK ZONE

SPEED LIMIT 45

R2-1 36" X 48" FINES DOUBLE

W21-62R 30" X 48"

R4-7 24" X 30"

W06-3

BEGIN CONSTRUCTION STA 96+00

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE 14' LT OF EXISTING EB ℄

STH 50

EXISTING EB ℄

DO NOT ENTER R5-1 36" X 36"

STOP R1-1 36" X 36"

GENEVA ST.

RIGHT TURN LANE R3-55R 24" X 30"

ROAD WORK AHEAD W20-1

95+05

97+75

99+50

102+16

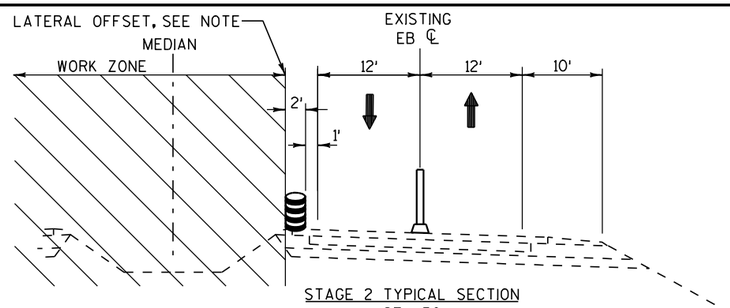
104+86

270'

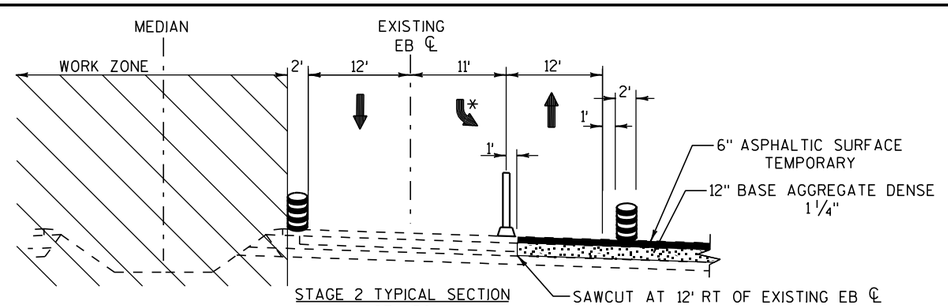
50'

25'

LATERAL OFFSET, SEE NOTE



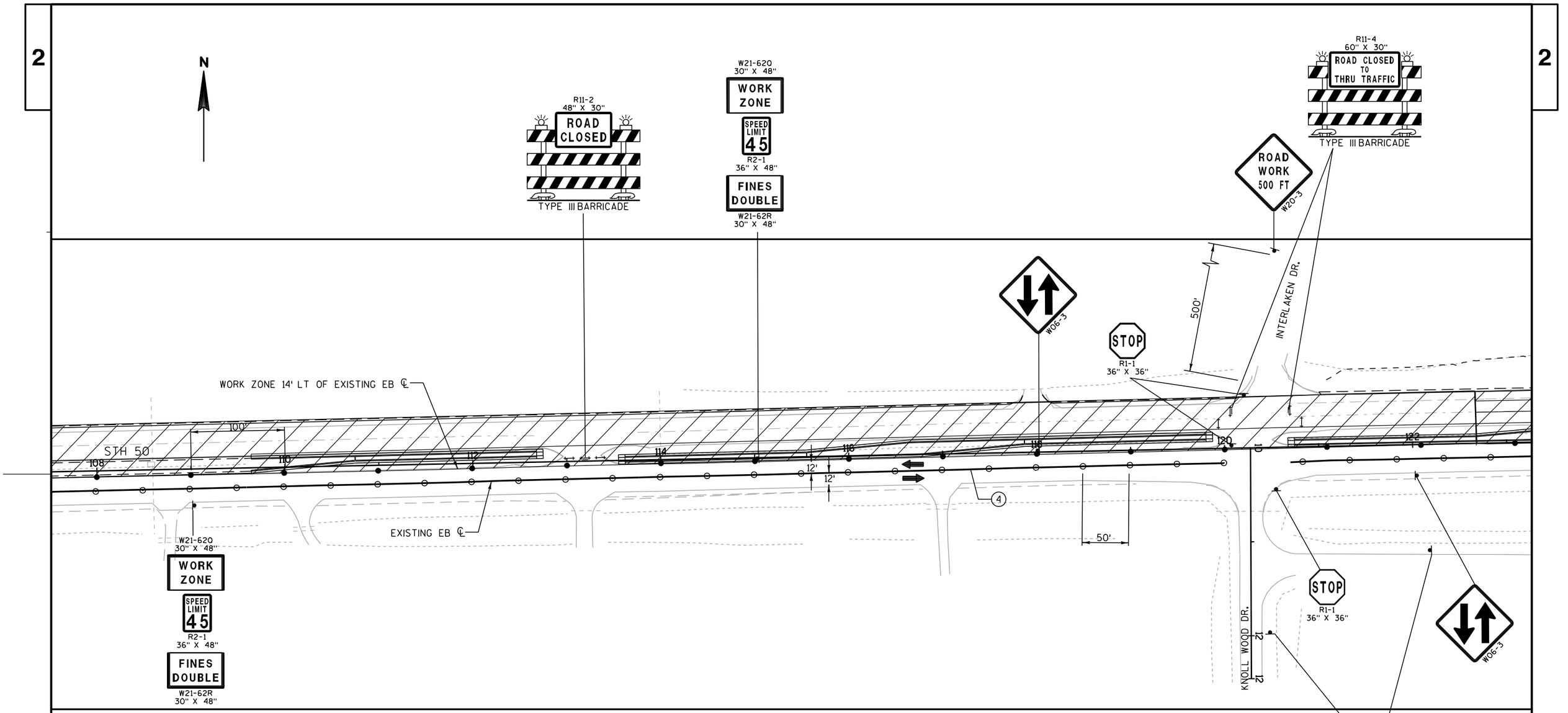
STAGE 2 TYPICAL SECTION
STH 50
STA. 95+05 TO STA. 241+00



STAGE 2 TYPICAL SECTION
STH 50
INTERSECTION AT GENEVA ST.

* LT TURN WB ONLY

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 123	E



LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 124	E

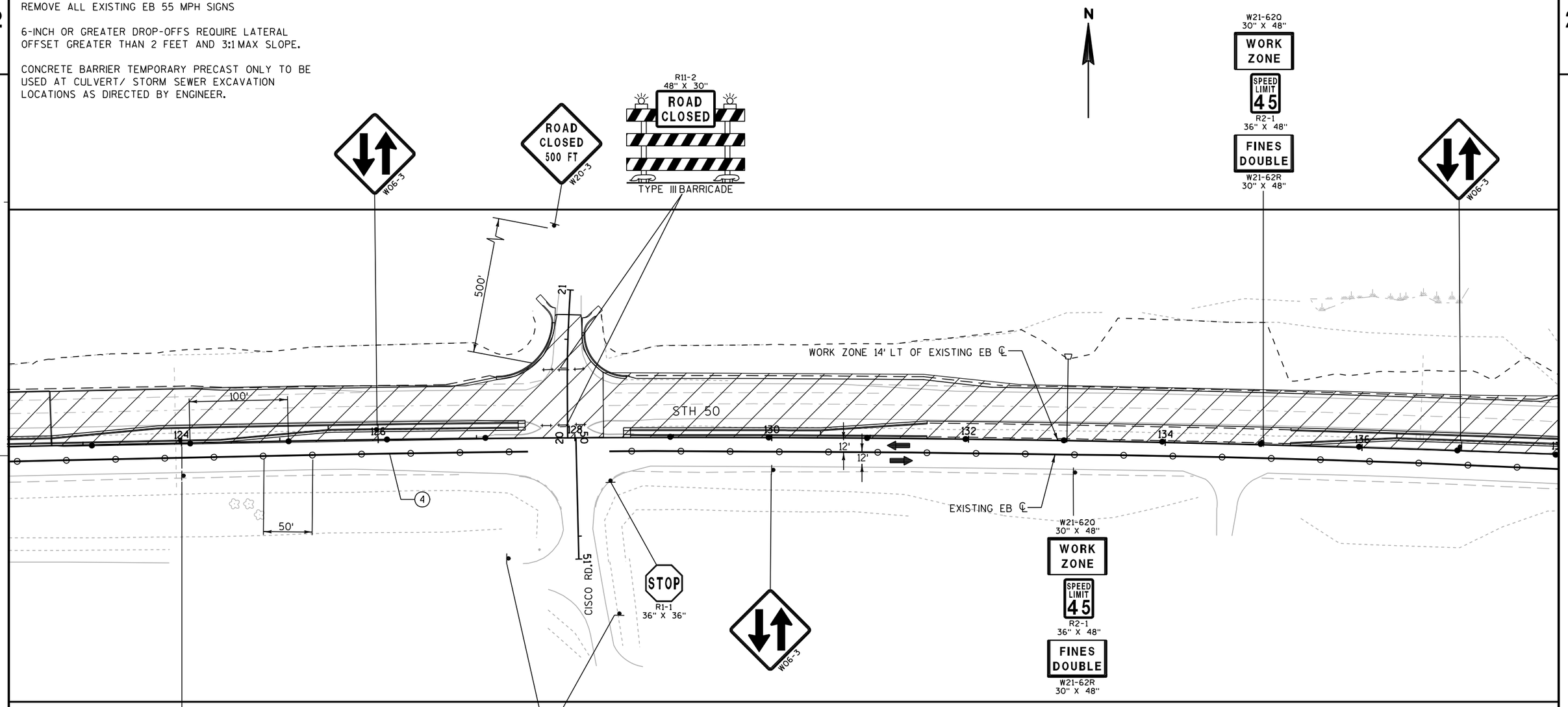
NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.

2

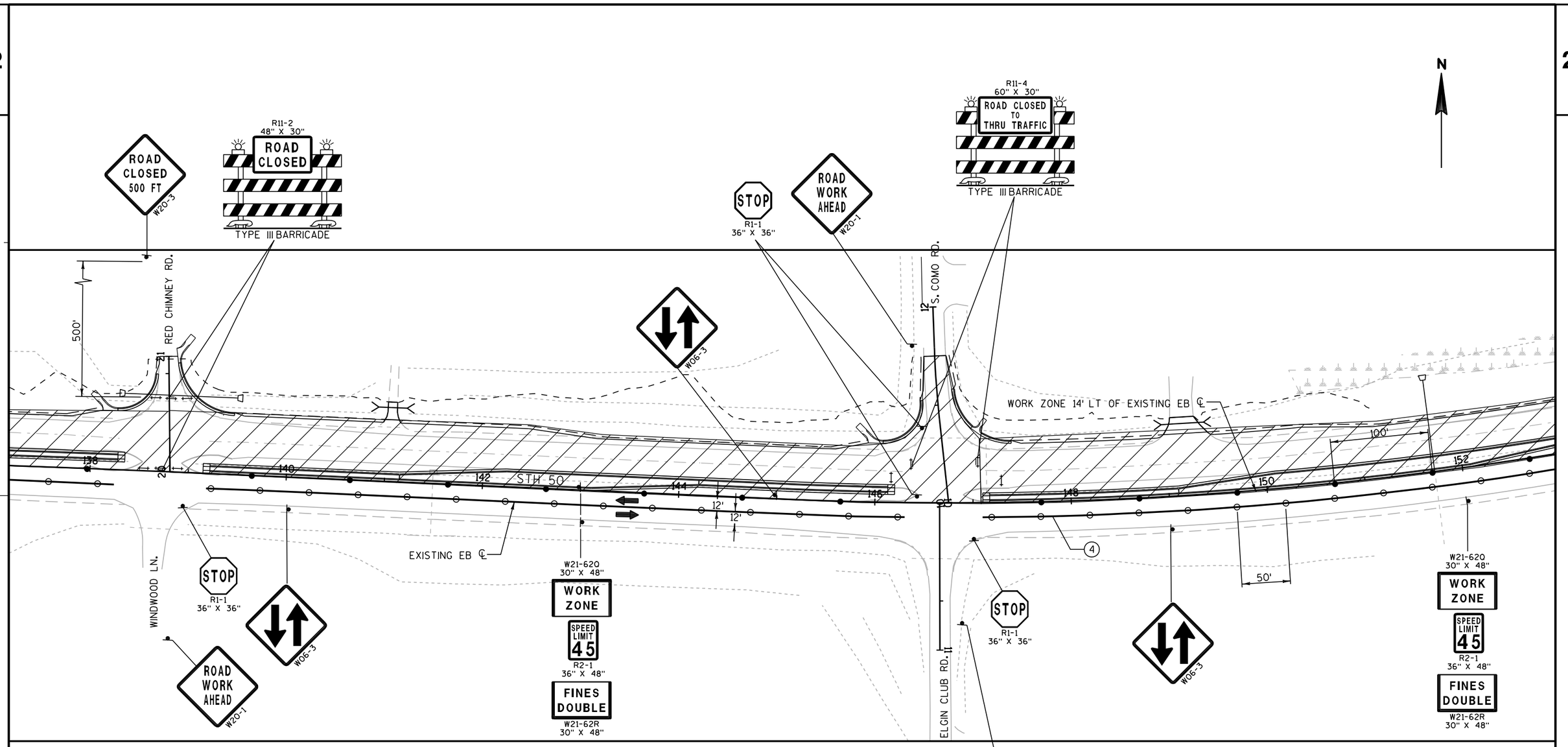


LEGEND:

	6" ASPHALTIC SURFACE TEMPORARY
	WORK ZONE
XXXXX	SAWCUT
	BARRICADE TYPE III
	BARRICADE TYPE III WITH SIGN
●	DRUM
	DRUM WITH LIGHT
⊙	FLEXIBLE TUBULAR MARKER
	SIGN ON SUPPORT
	ARROW BOARD
	DIRECTION OF TRAFFIC

(1)	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
(2)	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
(3)	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
(4)	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
(5)	TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
(6)	REMOVE PAVEMENT MARKING
(7)	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
(8)	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
(9)	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

2



LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 126	E

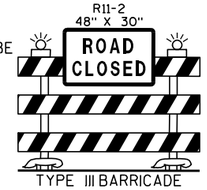
2

NOTES:

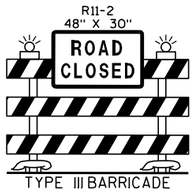
REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.

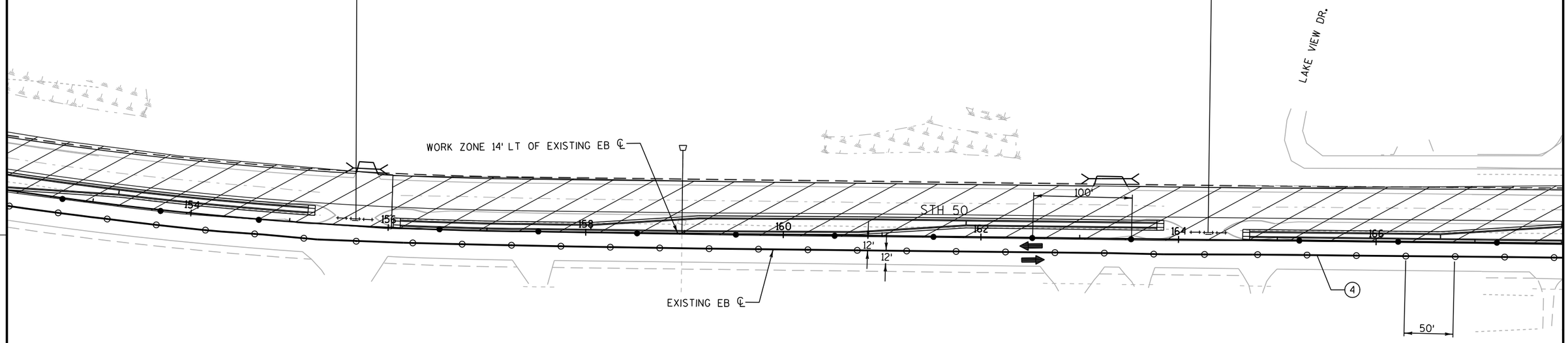


TYPE III BARRICADE



TYPE III BARRICADE





LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

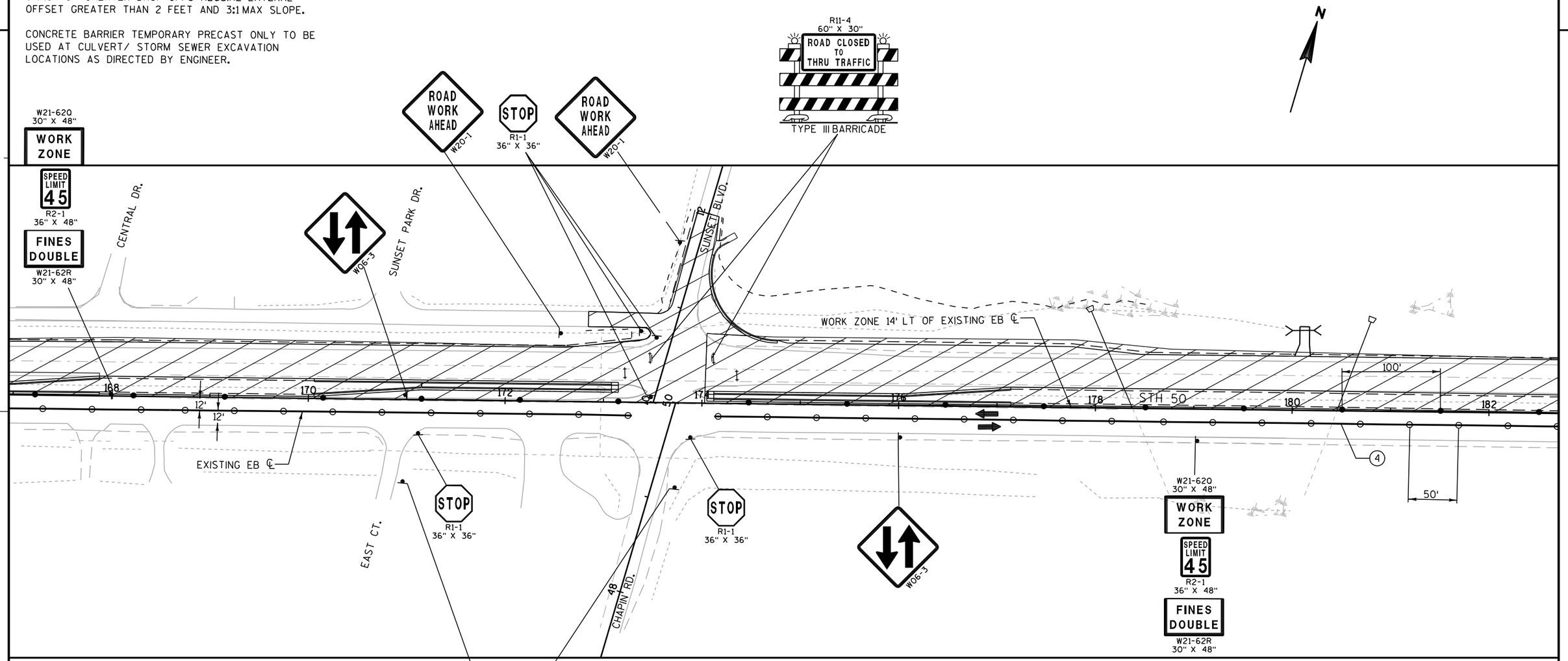
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 127	E

NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.



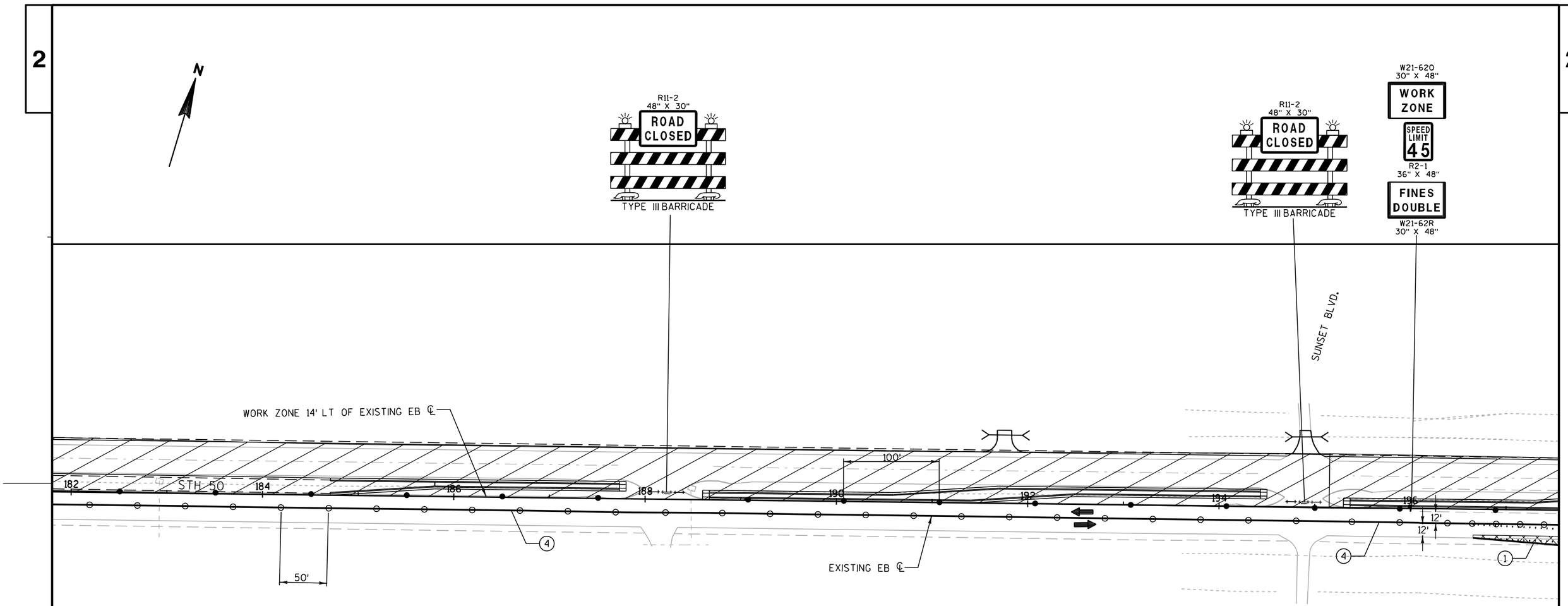
LEGEND:

- 6" ASPHALTIC SURFACE TEMPORARY
- WORK ZONE
- XXXXX SAWCUT
- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 128	E

2



NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.

LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 129	E

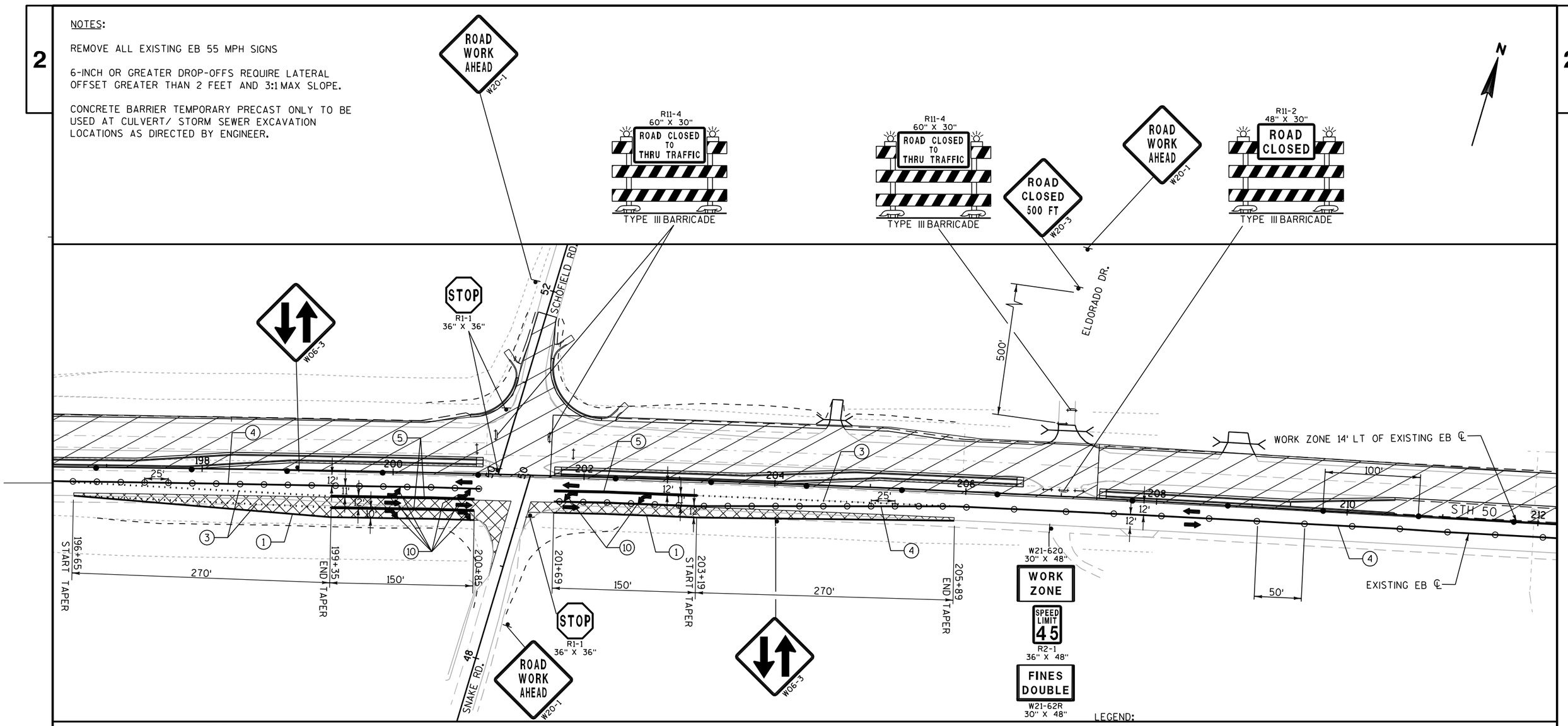
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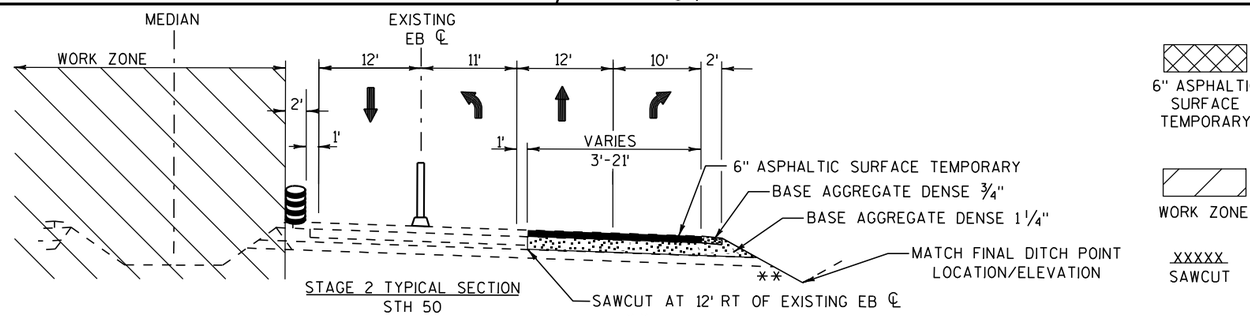
NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.





STAGE 2 TYPICAL SECTION
STH 50
INTERSECTION AT SNAKE RD./SCHOFIELD RD.

** EARTHWORK QTY INCLUDED IN STAGE 3 RT TURN LANE CONSTRUCTION

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

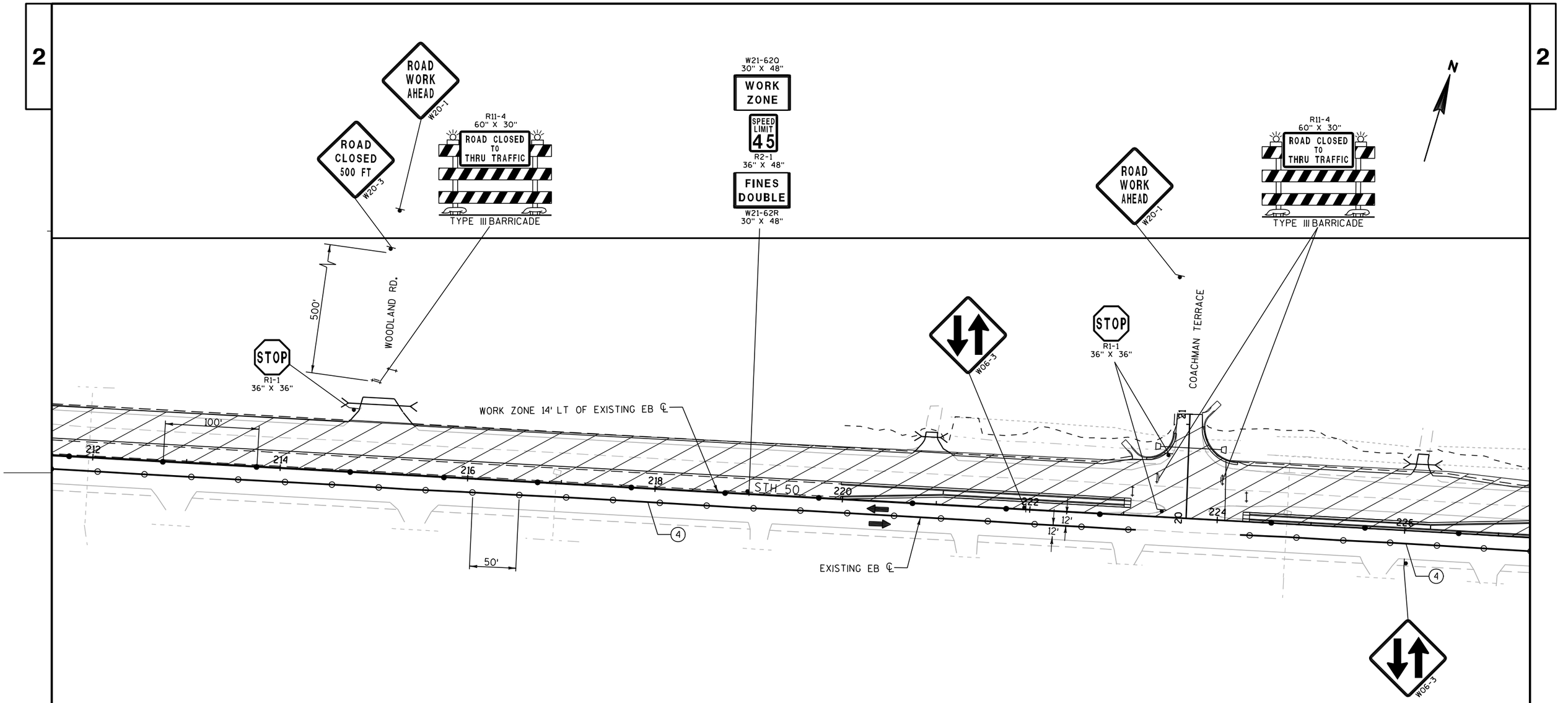
XXXXX SAWCUT

LEGEND:

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

(1) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
(2) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
(3) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
(4) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
(5) TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
(6) REMOVE PAVEMENT MARKING
(7) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
(8) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
(9) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
(10) TEMPORARY PAVEMENT MARKING ARROWS

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 130	E



NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

ARROW BOARD

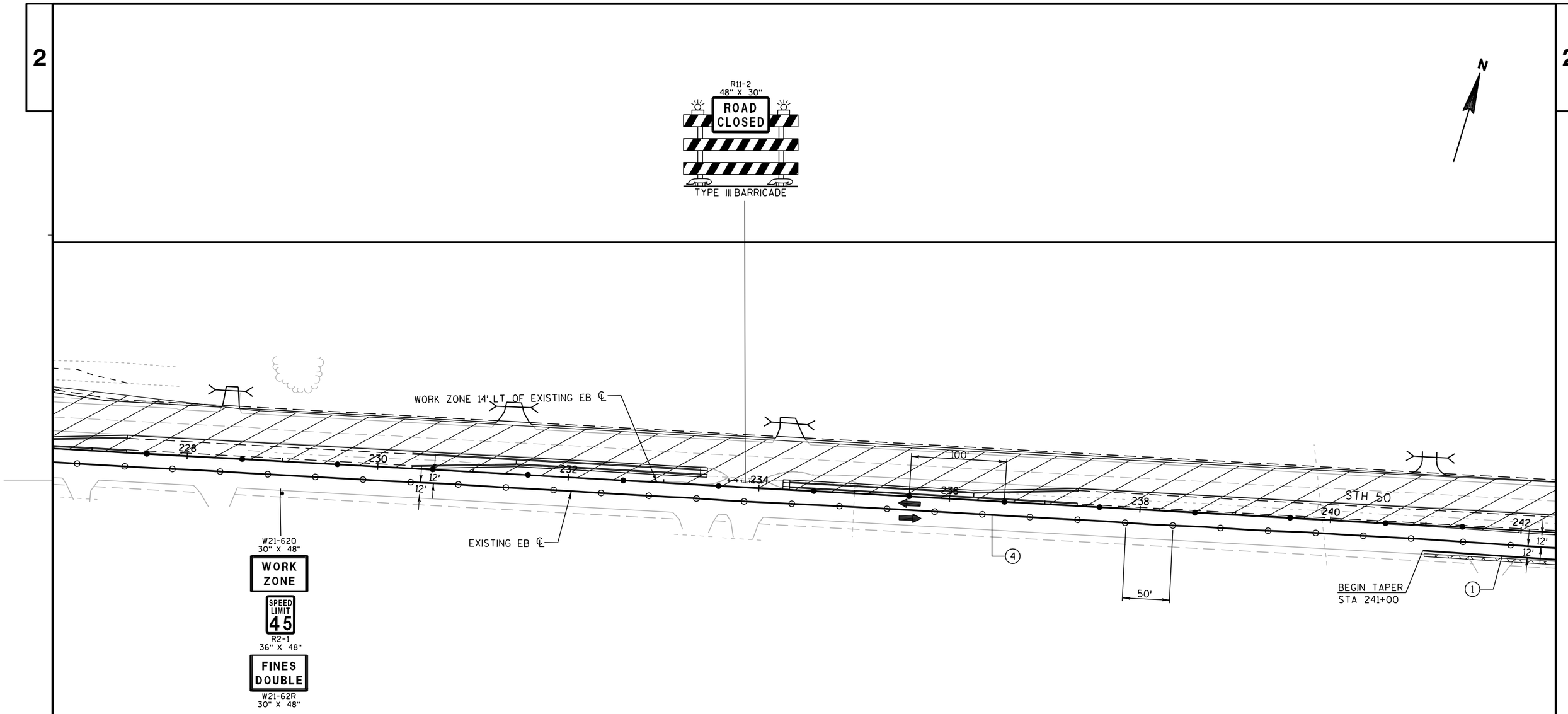
DIRECTION OF TRAFFIC

LEGEND:

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 131	E

2



NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX
SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

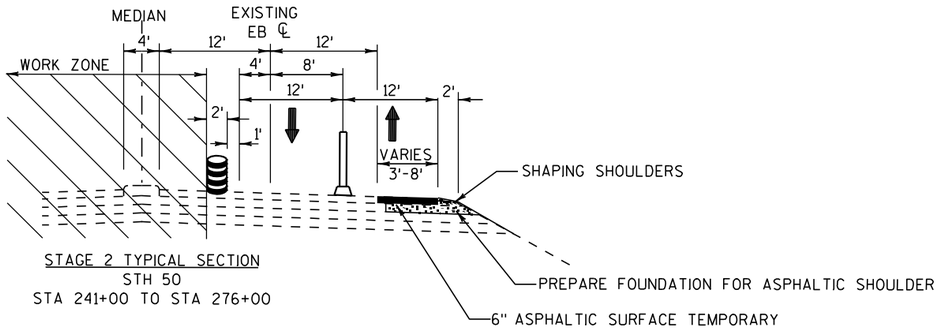
ARROW BOARD

DIRECTION OF TRAFFIC

LEGEND:

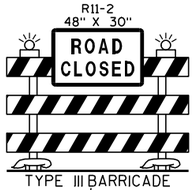
1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
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5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 132	E

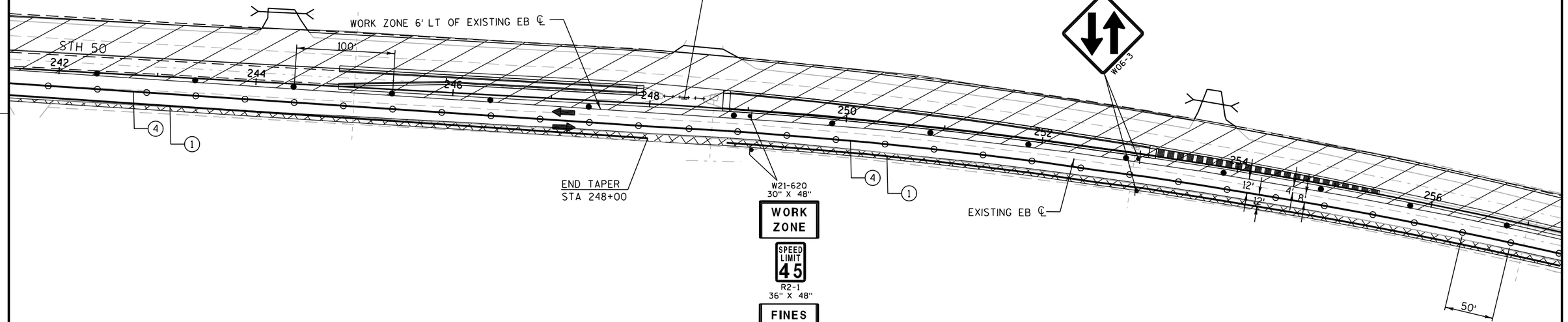


STAGE 2 TYPICAL SECTION
STH 50
STA 241+00 TO STA 276+00









NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX
SAWCUT

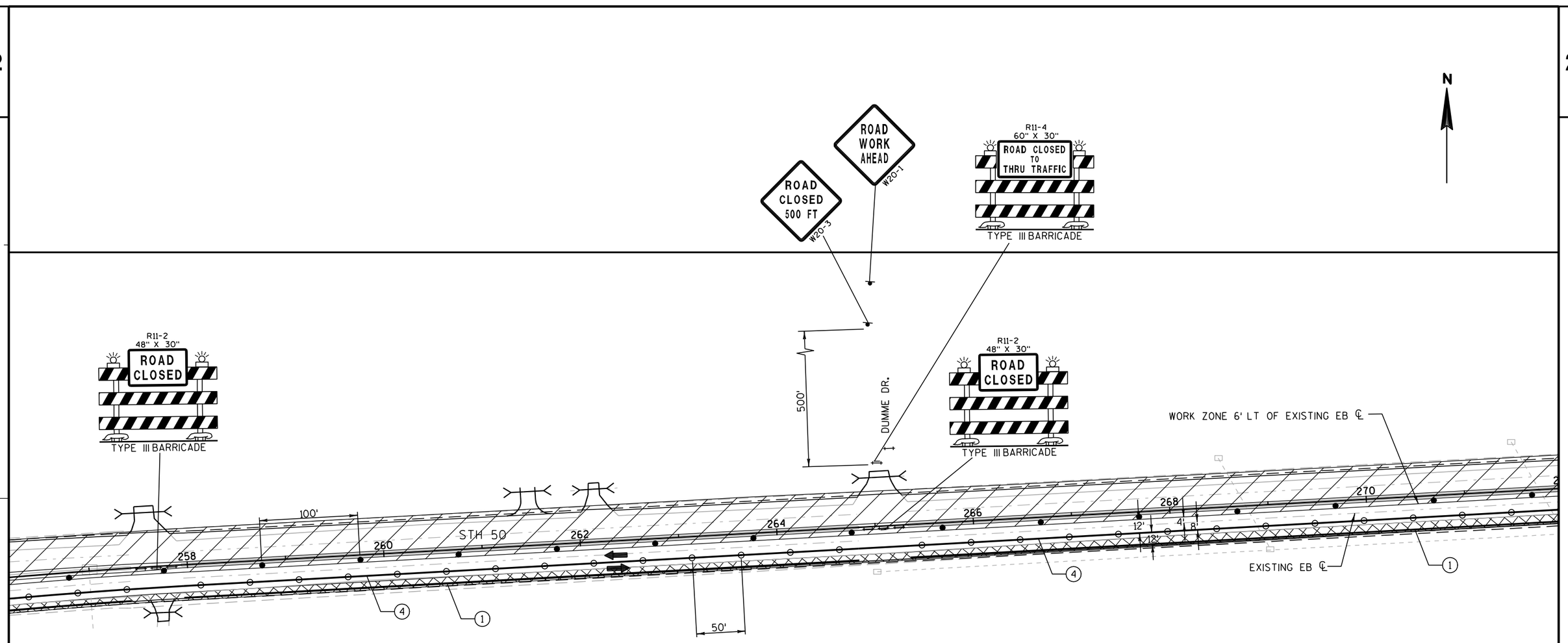
LEGEND:

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

(1) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
(2) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
(3) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
(4) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
(5) TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
(6) REMOVE PAVEMENT MARKING
(7) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
(8) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
(9) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 133	E

2



NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

ARROW BOARD

DIRECTION OF TRAFFIC

LEGEND:

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
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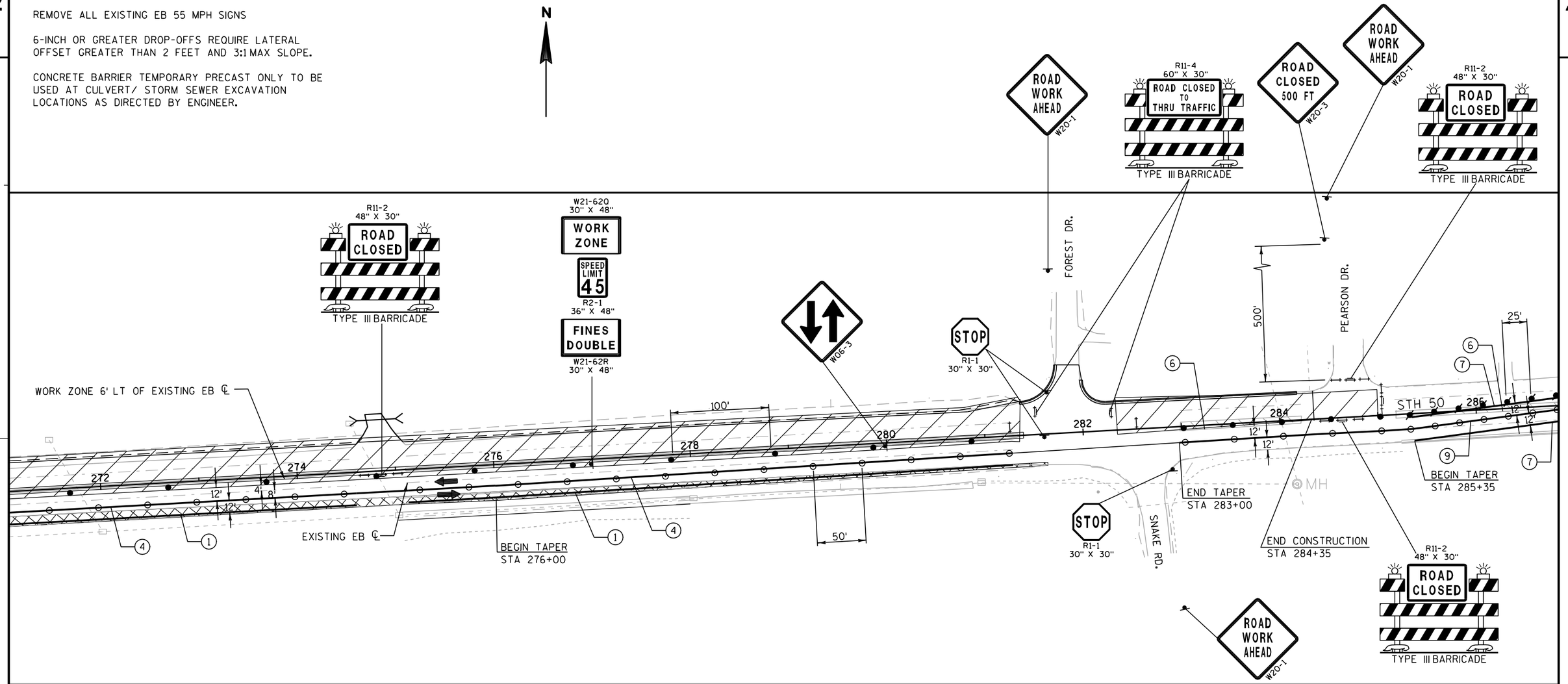
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 134	E

NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.



LEGEND:

- 6" ASPHALTIC SURFACE TEMPORARY
- WORK ZONE
- XXXXX SAWCUT
- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 135	E

2

R11-4
60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

N

W01-3L
200'
800'
W20-1
5280'
W20-1
ROAD WORK 1 MILE
290+50

ROAD WORK NEXT 3.5 MILES
G20-1
60" X 24"

W06-3

W01-6
48" X 24"

25'

6

286

12'

12'

7

288

290

7

9

BEGIN TAPER
STA 285+35

END TAPER
STA 288+35

MATCH EXISTING EDGE LINE
AT 12' LANE WIDTH
END (7) & (9)

STH 50

END ROAD WORK
G20-2A
48" X 24"

LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX
SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

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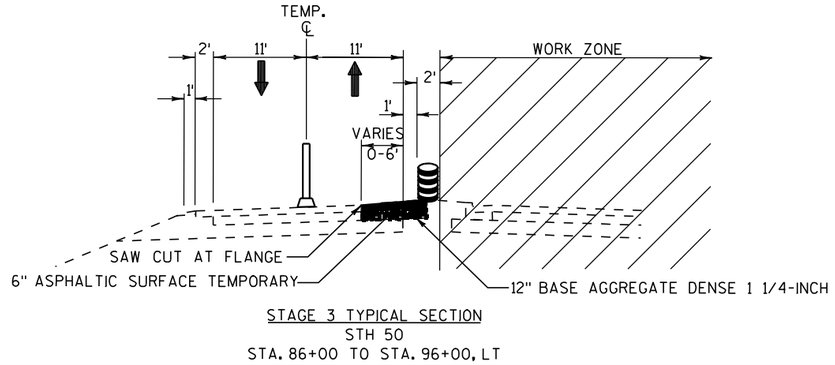
NOTES:

REMOVE ALL EXISTING EB 55 MPH SIGNS

6-INCH OR GREATER DROP-OFFS REQUIRE LATERAL OFFSET GREATER THAN 2 FEET AND 3:1 MAX SLOPE.

CONCRETE BARRIER TEMPORARY PRECAST ONLY TO BE USED AT CULVERT/ STORM SEWER EXCAVATION LOCATIONS AS DIRECTED BY ENGINEER.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2	SHEET 136	E



STAGE 3 TYPICAL SECTION
STH 50
STA. 86+00 TO STA. 96+00, LT

END ROAD WORK
G20-2A
48" X 24"

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX
SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

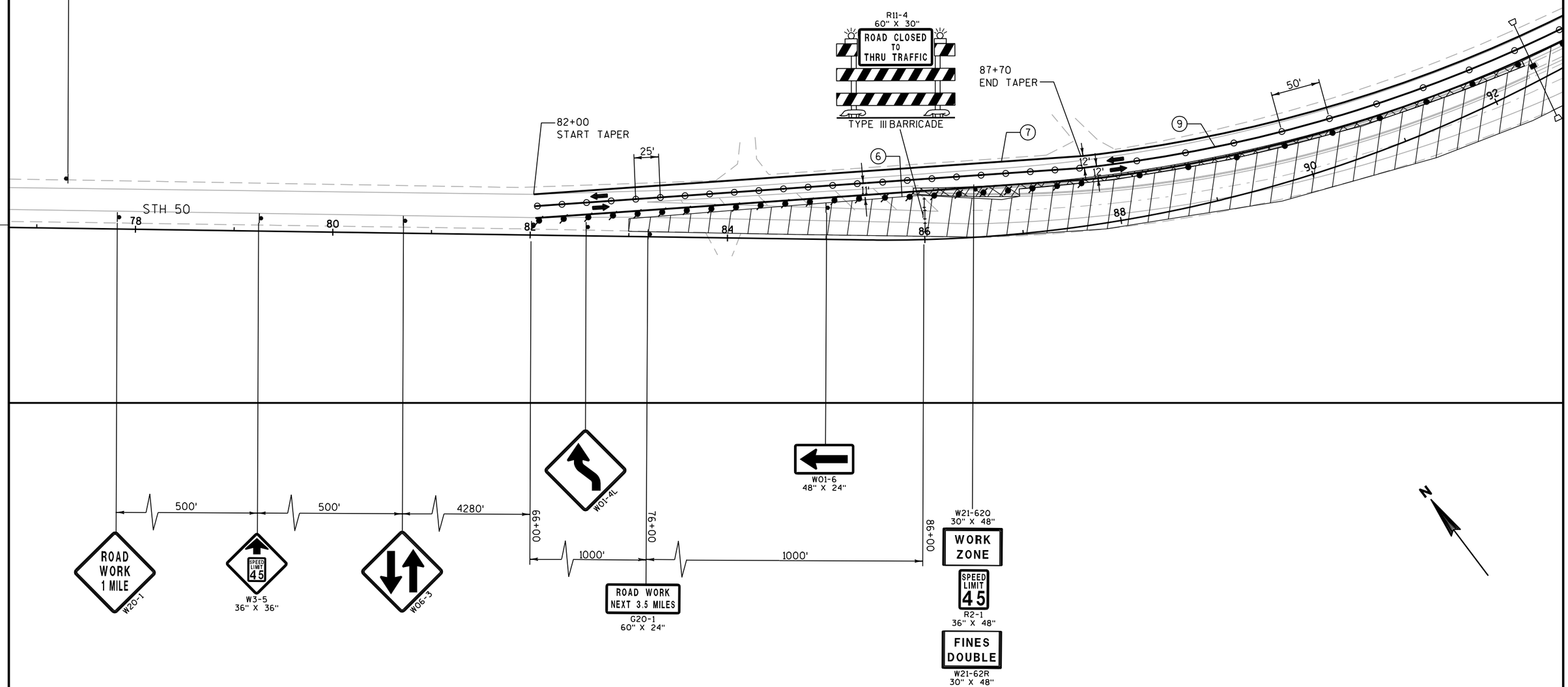
ARROW BOARD

DIRECTION OF TRAFFIC

LEGEND:

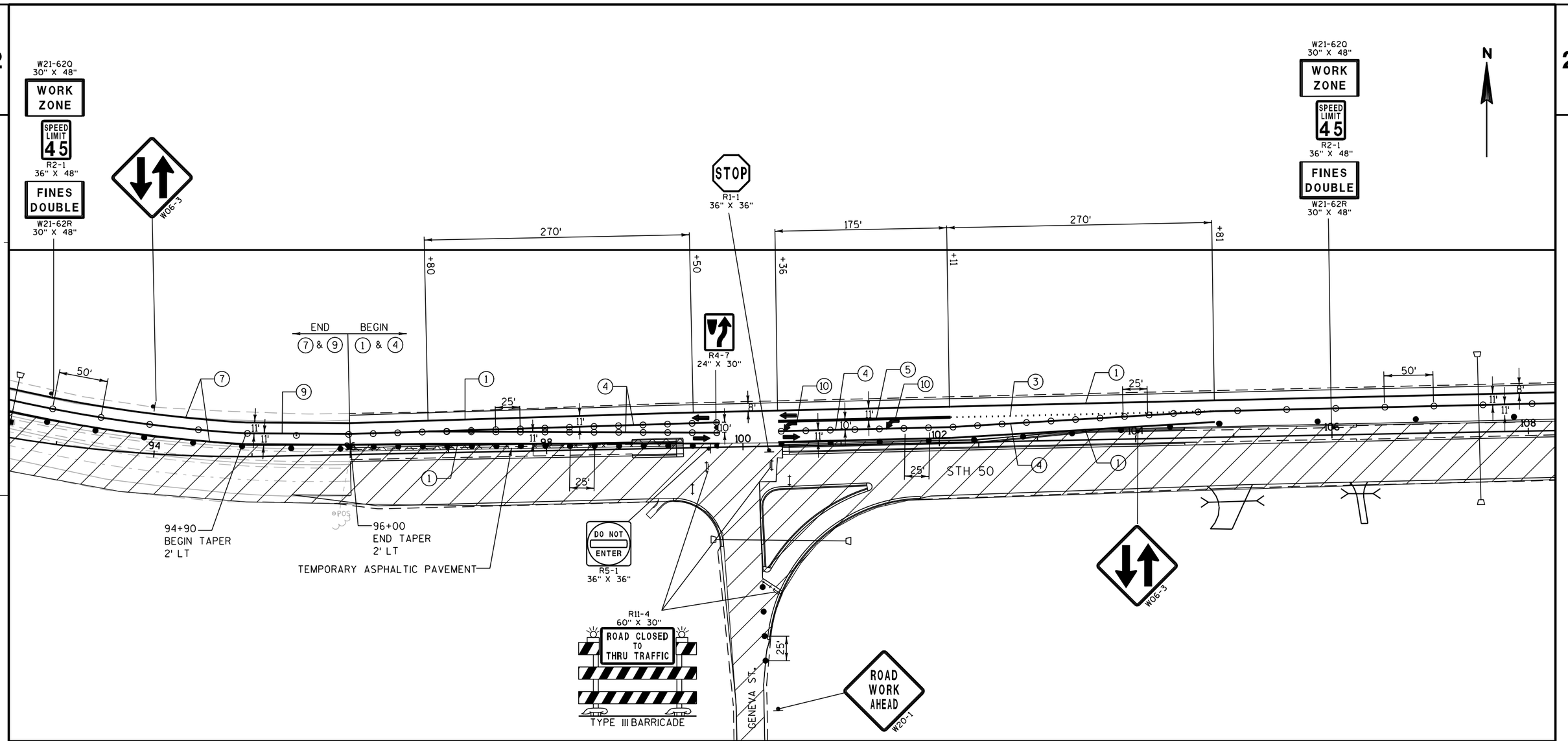
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2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
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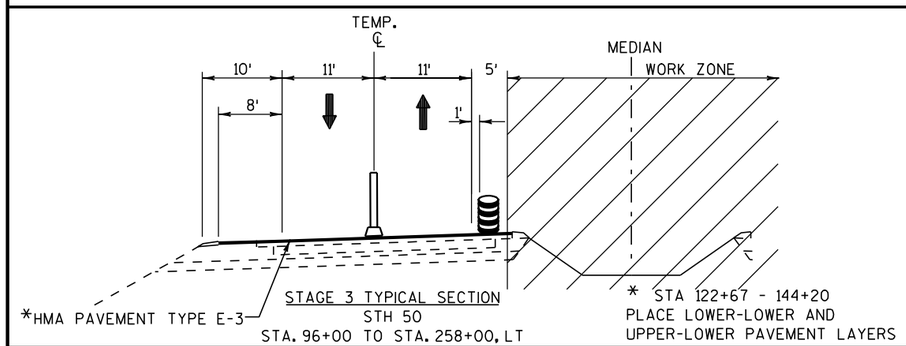
2



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 137	E

2





6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

ARROW BOARD

DIRECTION OF TRAFFIC

LEGEND:

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 138	E

2

LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

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8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

W21-62O 30" X 48" — WORK ZONE

SPEED LIMIT 45 — R2-1 36" X 48"

FINES DOUBLE — W21-62R 30" X 48"

N

W06-3

ROAD WORK AHEAD — W20-1

STOP — R1-1 36" X 36"

INTERLAKEN DR.

50'

11' 11' 8'

108 110 112 114 116 118 120 122

STH 50

100'

STOP — R1-1 36" X 36"

KNOLL WOOD DR.

W06-3

ROAD CLOSED AHEAD — W20-3

ROAD WORK AHEAD — W20-1

R11-2 48" X 30" — ROAD CLOSED

TYPE III BARRICADE

R11-4 60" X 30" — ROAD CLOSED TO THRU TRAFFIC

TYPE III BARRICADE

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 139	E

2

N

ROAD WORK AHEAD
W20-1

STOP
R1-1
36" X 36"

21

50'

4

1

124

126

128

130

132

134

136

15'

11'

8'

11'

100'

STH 50

CISCO RD.

51

500'

W21-62Q
30" X 48"
WORK ZONE

SPEED LIMIT 45
R2-1
36" X 48"

FINES DOUBLE
W21-62R
30" X 48"

ROAD CLOSED AHEAD
W20-3

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

ROAD CLOSED 500 FT
W20-3

ROAD WORK AHEAD
W20-1

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX
SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

ARROW BOARD

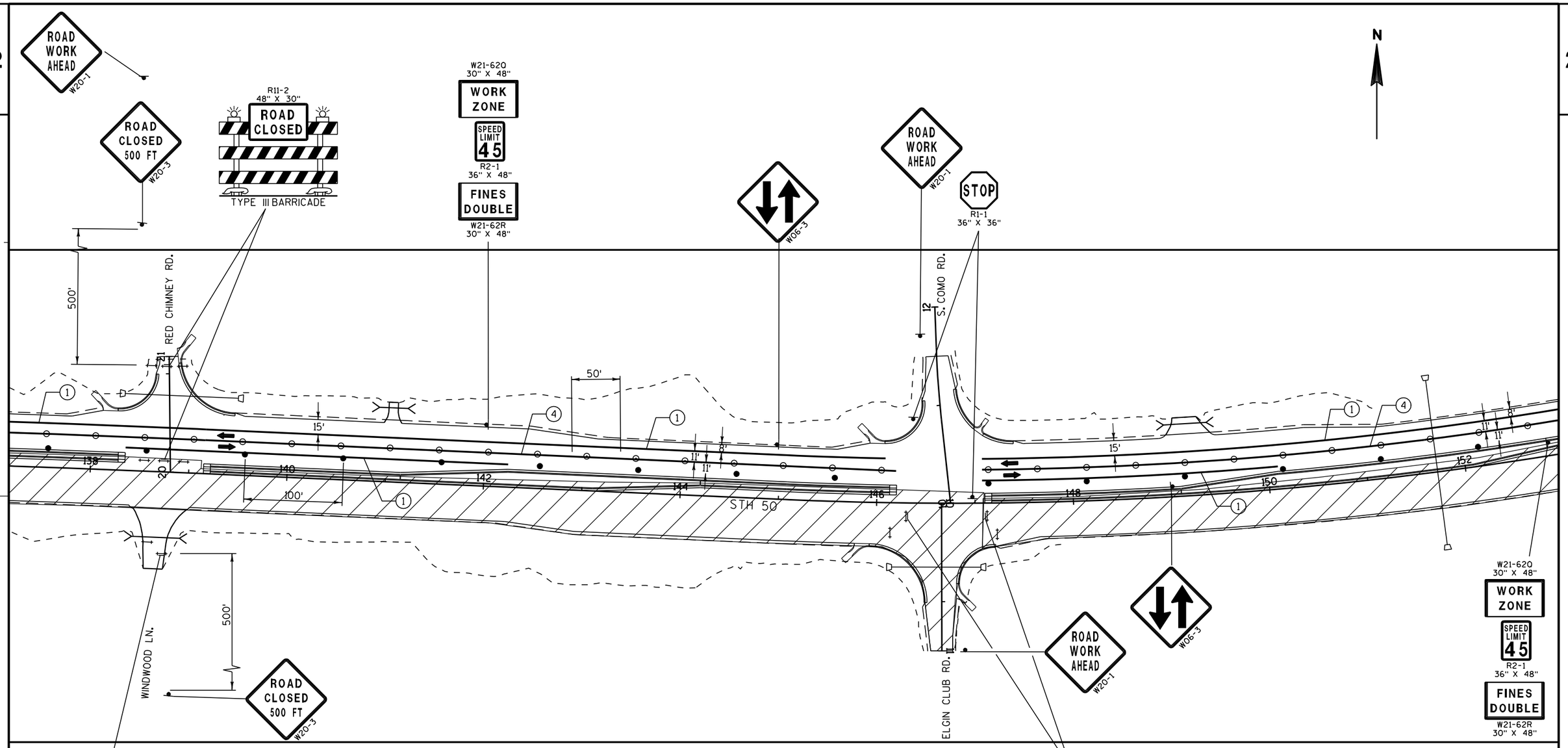
DIRECTION OF TRAFFIC

LEGEND:

(1) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
(2) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
(3) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
(4) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
(5) TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
(6) REMOVE PAVEMENT MARKING
(7) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
(8) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
(9) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 140	E

2



R11-4
60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX
SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

ARROW BOARD

DIRECTION OF TRAFFIC

R11-4
60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

LEGEND:

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 141	E

2

LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

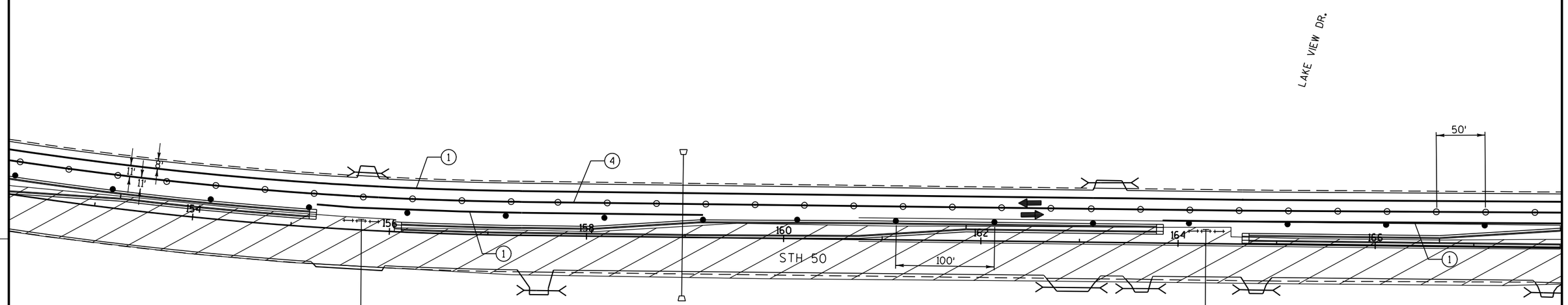
WORK ZONE

XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

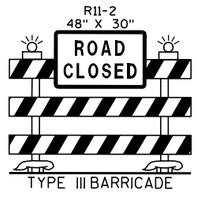
1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

N





TYPE III BARRICADE



TYPE III BARRICADE

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 142	E

2

W21-62O
30" X 48"
WORK ZONE
SPEED LIMIT 45
R2-1
36" X 48"
FINES DOUBLE
W21-62R
30" X 48"

N

ROAD WORK AHEAD
W20-1

STOP
R1-1
36" X 36"

W06-3

SUNSET BLVD.

50'

168 170 172 174 176 178 180 182

15'

11' 11' 8'

STH 50

100'

W21-62O
30" X 48"
WORK ZONE
SPEED LIMIT 45
R2-1
36" X 48"
FINES DOUBLE
W21-62R
30" X 48"

STOP
R1-1
36" X 36"

W06-3

SHAFFIN RD.

45

EAST CT.

ROAD WORK AHEAD
W20-1

R11-4
60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX
SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

ARROW BOARD

DIRECTION OF TRAFFIC

LEGEND:

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 143	E

2

N

6" ASPHALTIC SURFACE TEMPORARY

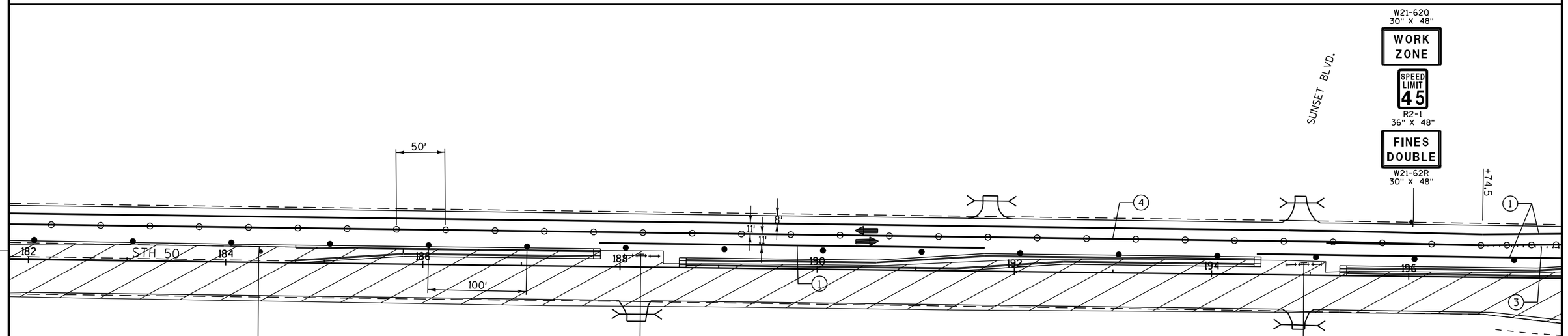
WORK ZONE

XXXXX SAWCUT

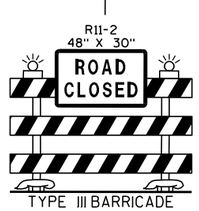
LEGEND:

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

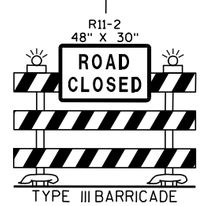
1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)







TYPE III BARRICADE



TYPE III BARRICADE

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 144	E

2

LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

ARROW BOARD

DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

N

W06-3

ROAD WORK AHEAD W20-1

52 SCHOFIELD RD.

STOP R1-1 36" X 36"

STA 196+74.5 BEGIN TAPER

STA 199+44.5 END TAPER

+94.5

ROAD WORK AHEAD W20-1

ELDORADO DR.

STOP R1-1 36" X 36"

STA 204+00 BEGIN TAPER

STA 206+00 END TAPER

STA 204+82 END TAPER

STA 203+69 BEGIN TAPER

W21-62O 30" X 48" WORK ZONE

SPEED LIMIT 45 R2-1 36" X 48"

FINES DOUBLE W21-62R 30" X 48"

STOP R1-1 36" X 36"

W06-3

48 SNAKE RD.

R11-4 60" X 30" ROAD CLOSED TO THRU TRAFFIC

TYPE III BARRICADE

ROAD WORK AHEAD W20-1

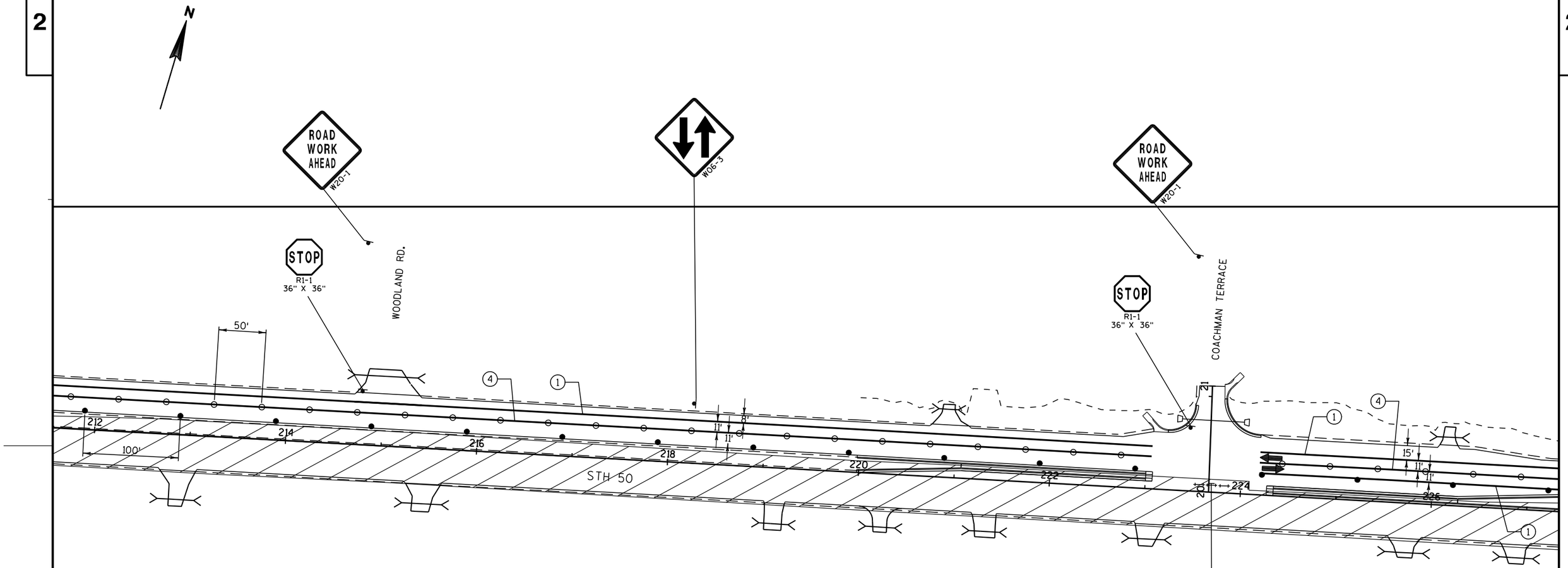
R11-2 48" X 30" ROAD CLOSED

TYPE III BARRICADE

STH 50

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 145	E

2



LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)



TYPE III BARRICADE

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 146	E

2

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

BARRICADE TYPE III

BARRICADE TYPE III WITH SIGN

DRUM

DRUM WITH LIGHT

FLEXIBLE TUBULAR MARKER

SIGN ON SUPPORT

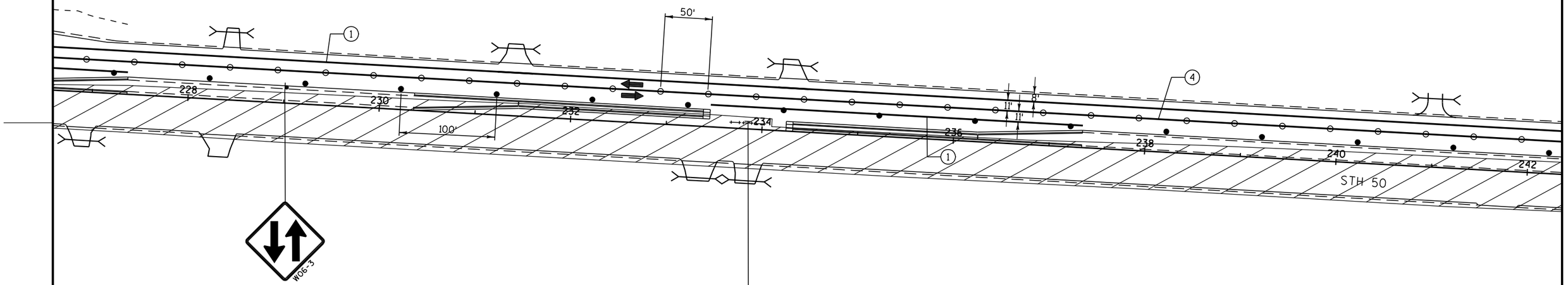
ARROW BOARD

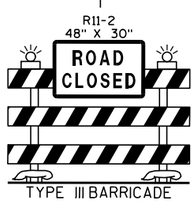
DIRECTION OF TRAFFIC

LEGEND:

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

N





TYPE III BARRICADE

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 147	E

2

6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

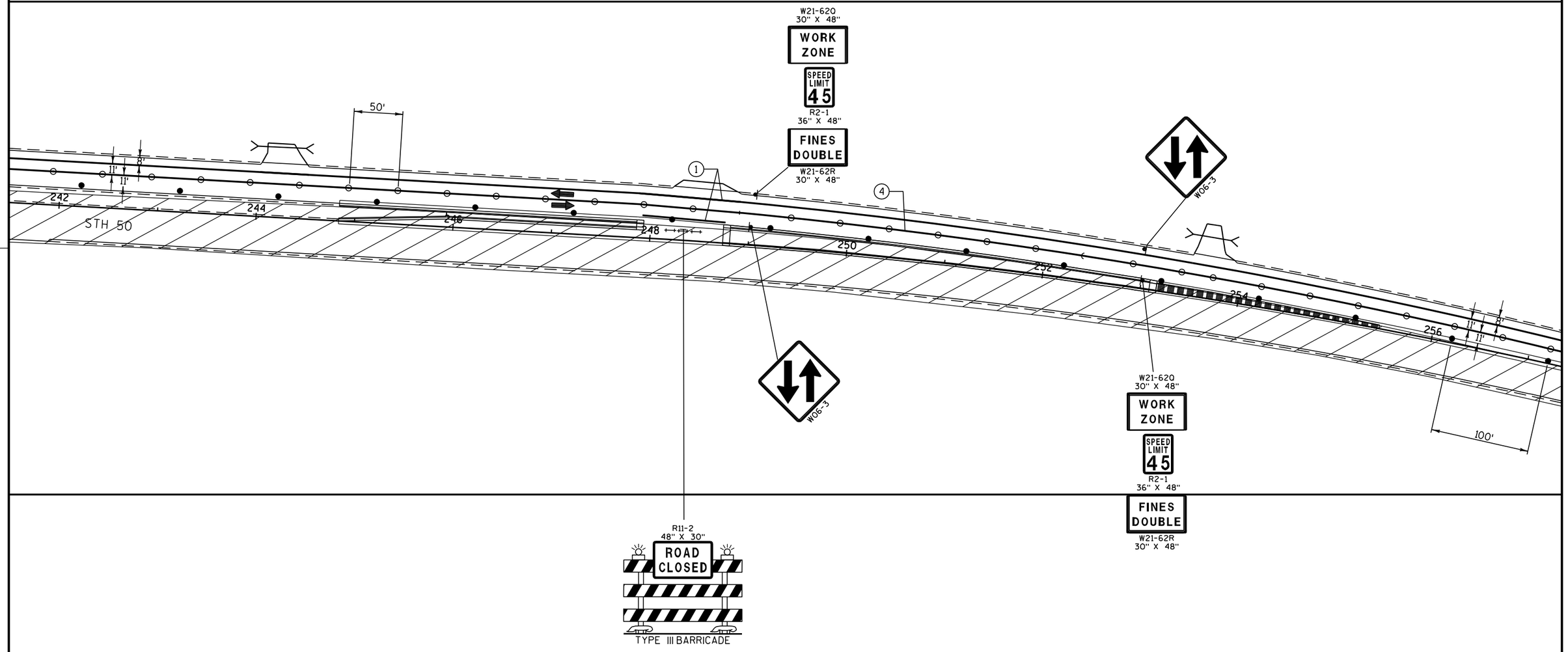
XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

LEGEND:

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

N



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 148	E

LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

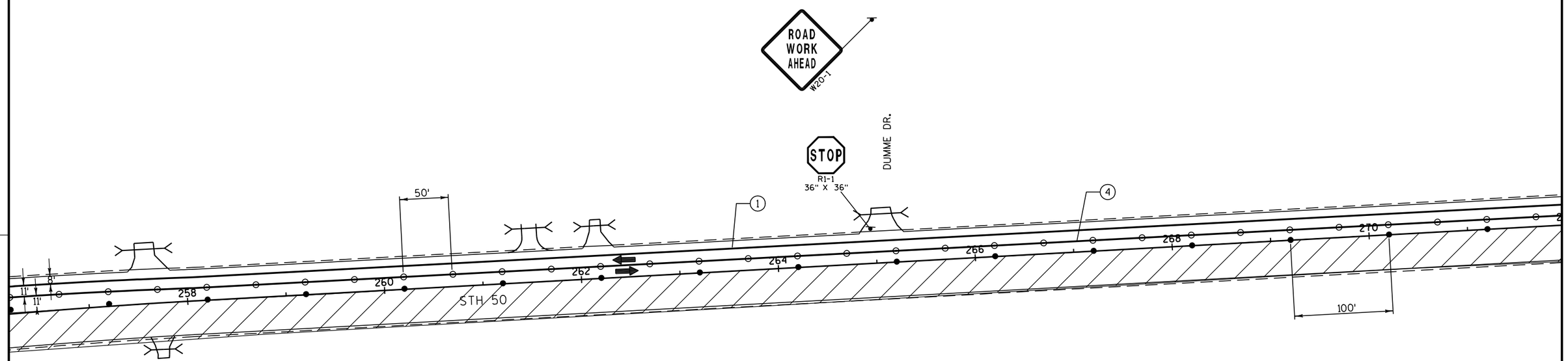
WORK ZONE

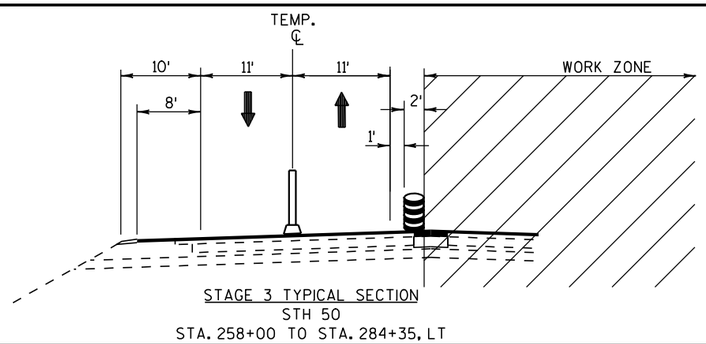
XXXXX SAWCUT

- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

N





STAGE 3 TYPICAL SECTION
STH 50
STA. 258+00 TO STA. 284+35, LT

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 149	E

LEGEND:

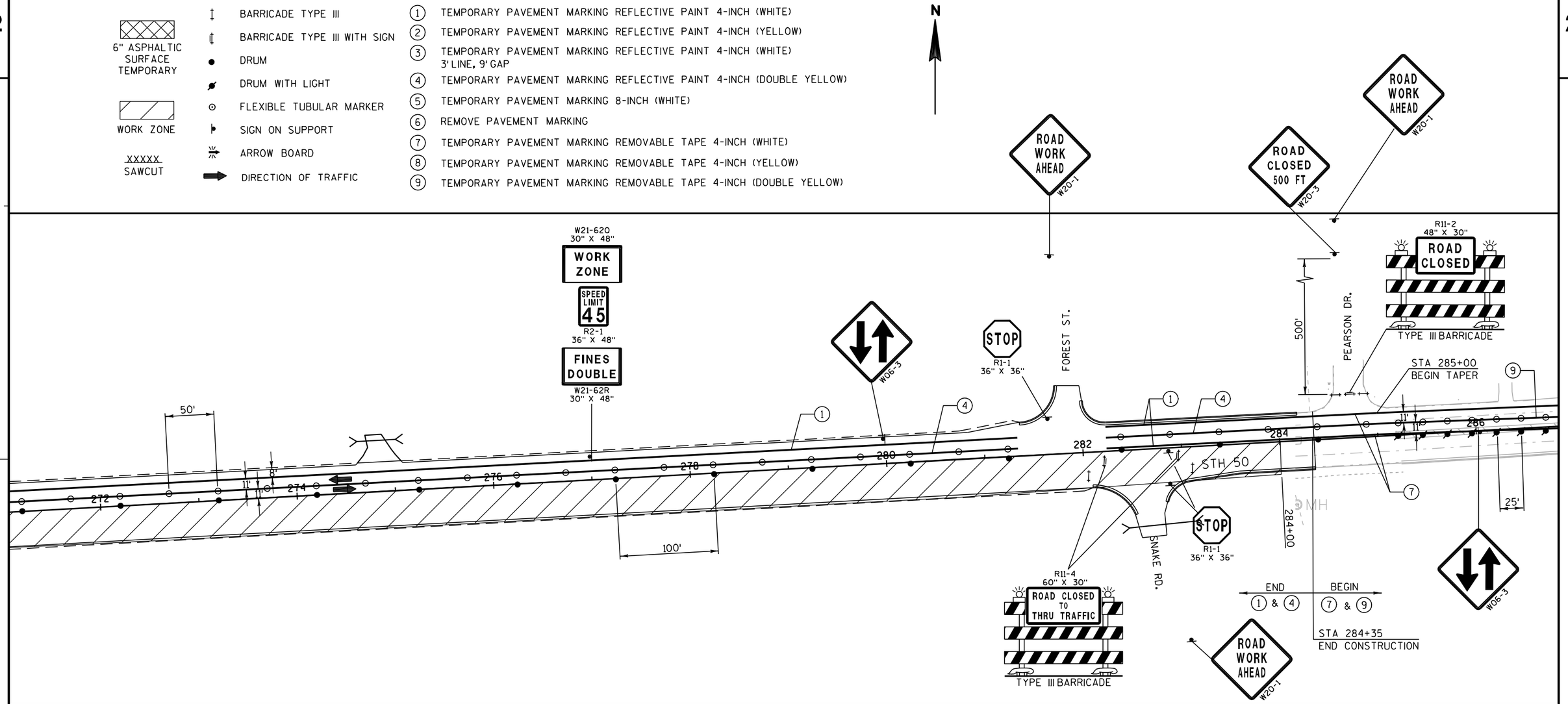
6" ASPHALTIC SURFACE TEMPORARY

WORK ZONE

XXXXX SAWCUT

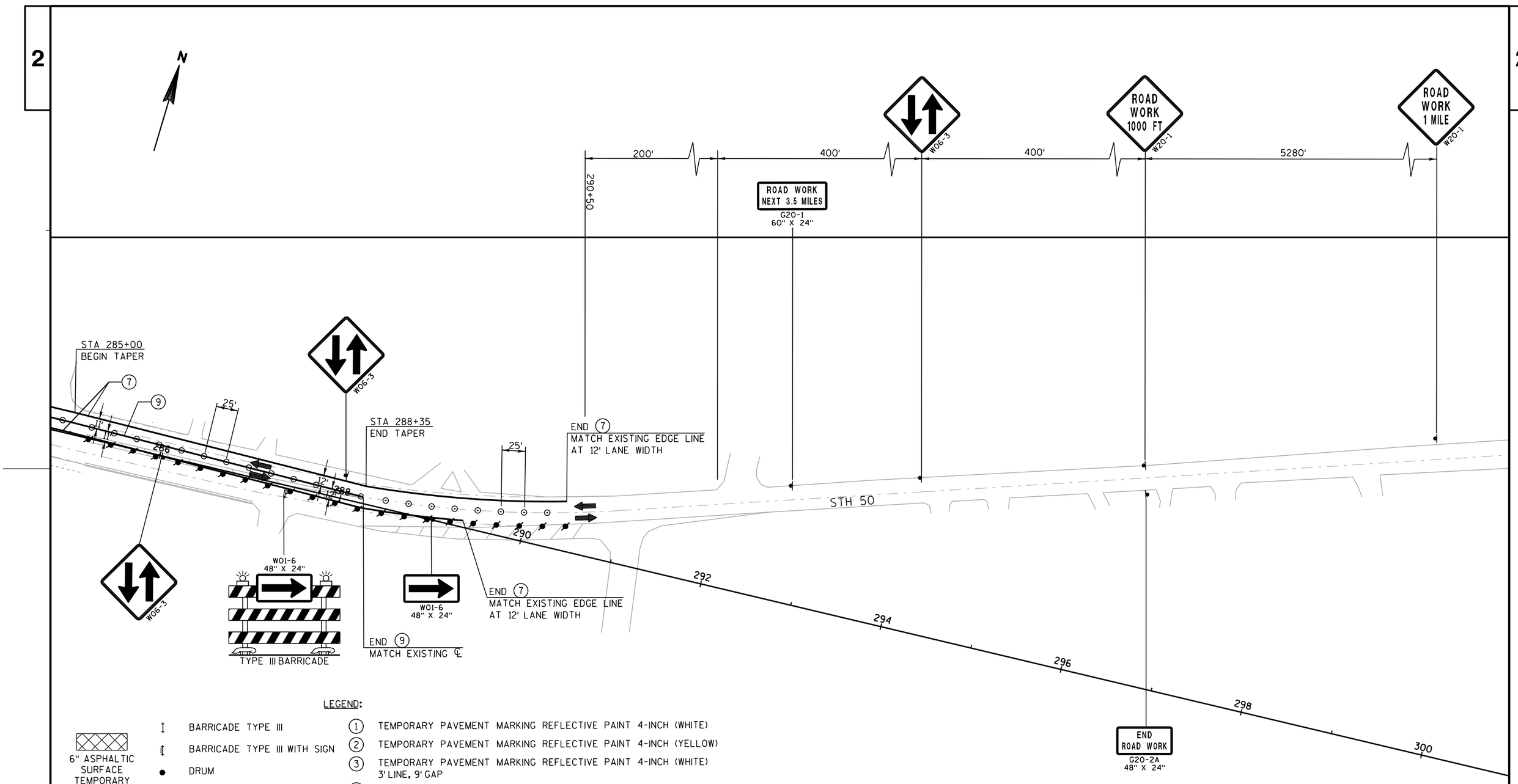
- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3' LINE, 9' GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 150	E

2



LEGEND:

6" ASPHALTIC SURFACE TEMPORARY

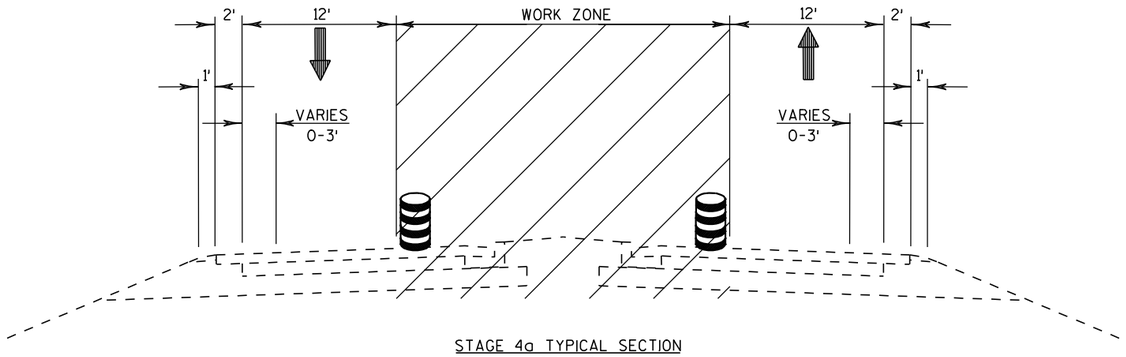
WORK ZONE

XXXXX SAWCUT

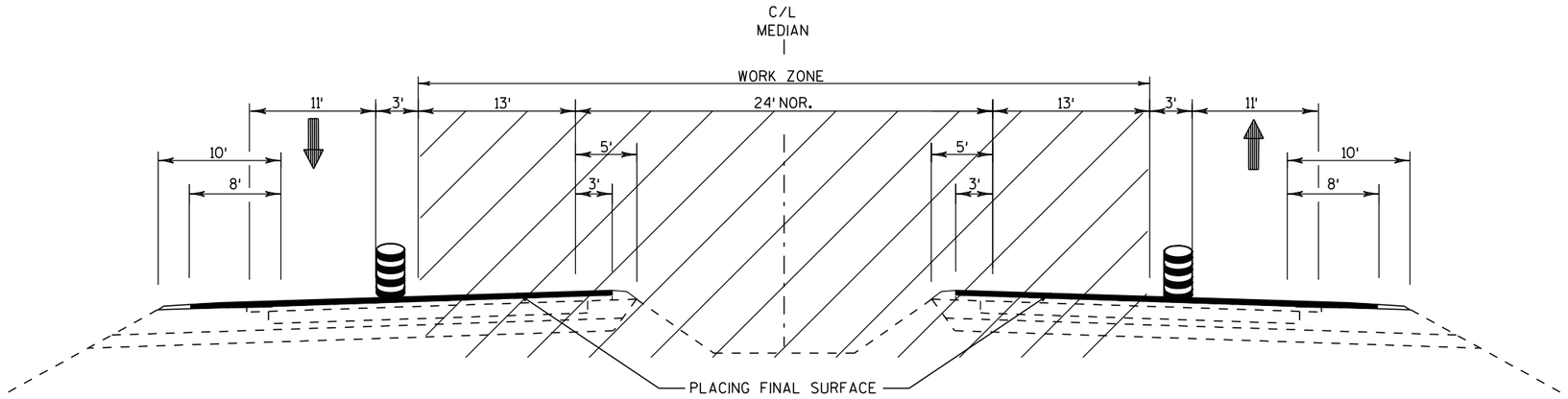
- BARRICADE TYPE III
- BARRICADE TYPE III WITH SIGN
- DRUM
- DRUM WITH LIGHT
- FLEXIBLE TUBULAR MARKER
- SIGN ON SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC

1. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
2. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
3. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE) 3'LINE, 9'GAP
4. TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
5. TEMPORARY PAVEMENT MARKING 8-INCH (WHITE)
6. REMOVE PAVEMENT MARKING
7. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
8. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
9. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)

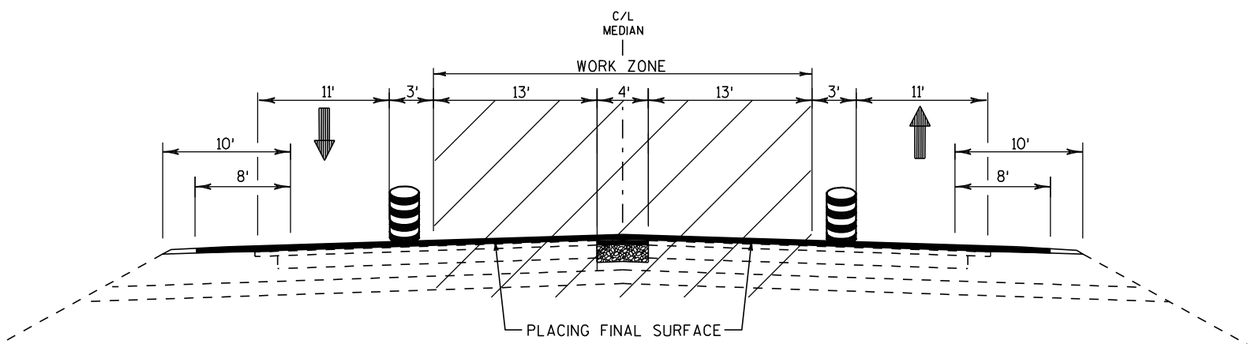
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3	SHEET 151	E



STAGE 4a TYPICAL SECTION
STH 50
STA. 82+00 TO STA. 96+00



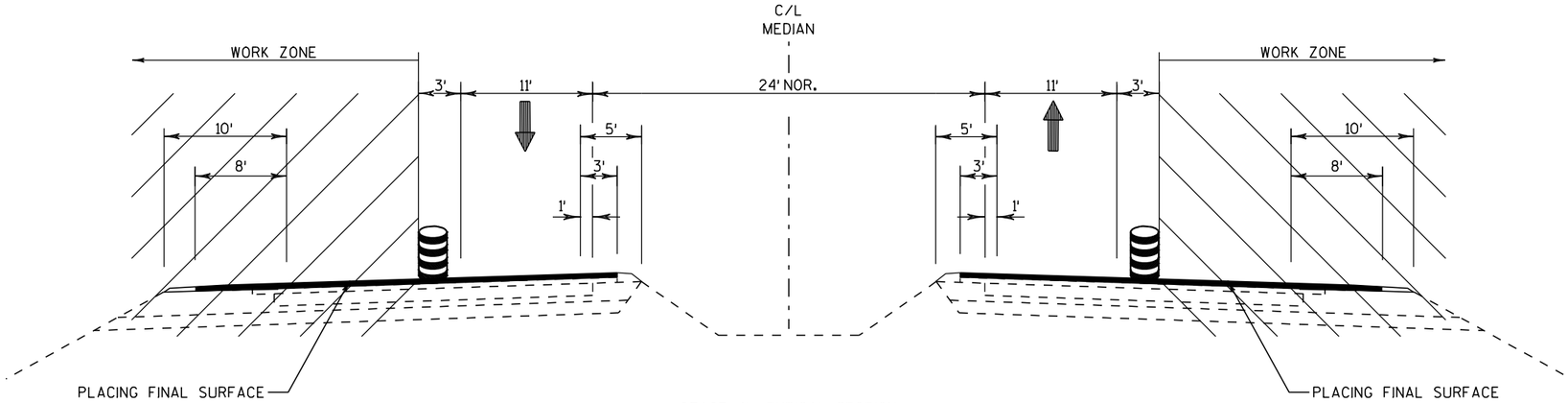
STAGE 4a TYPICAL SECTION
STH 50
STA. 96+00 TO STA. 258+00



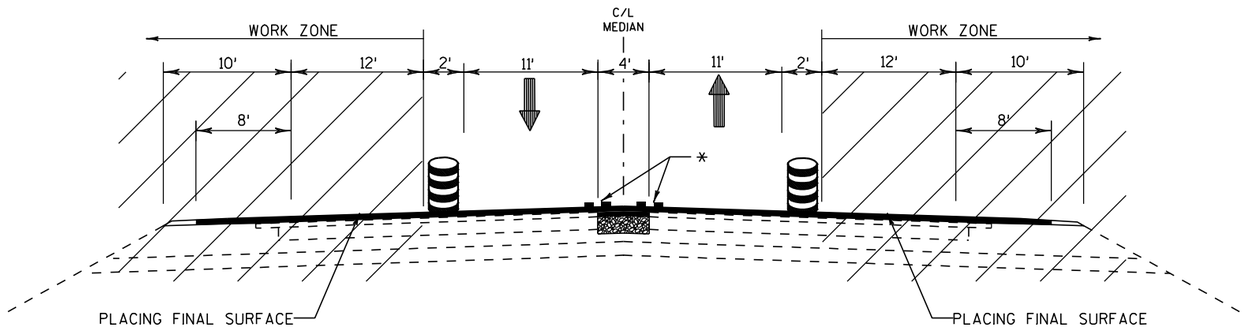
STAGE 4a TYPICAL SECTION
STH 50
STA. 258+00 TO STA. 284+35

NOTES:

- MAINTAIN 45 MPH SPEED LIMIT THRU STAGE 4a AND 4b
- SEE SDD 15 D 12-2 AND SDD 15 D 21-1
- REMOVE EXISTING TEMPORARY PAVEMENT MARKING AS NEEDED
- PLACE TEMPORARY PAVEMENT MARKING REMOVABLE TAPE AS NEEDED
- PERMANENT ℄ PAVEMENT MARKING TO BE PLACED PRIOR TO STAGE 4b



STAGE 4b TYPICAL SECTION
STH 50
STA. 96+00 TO STA. 258+00



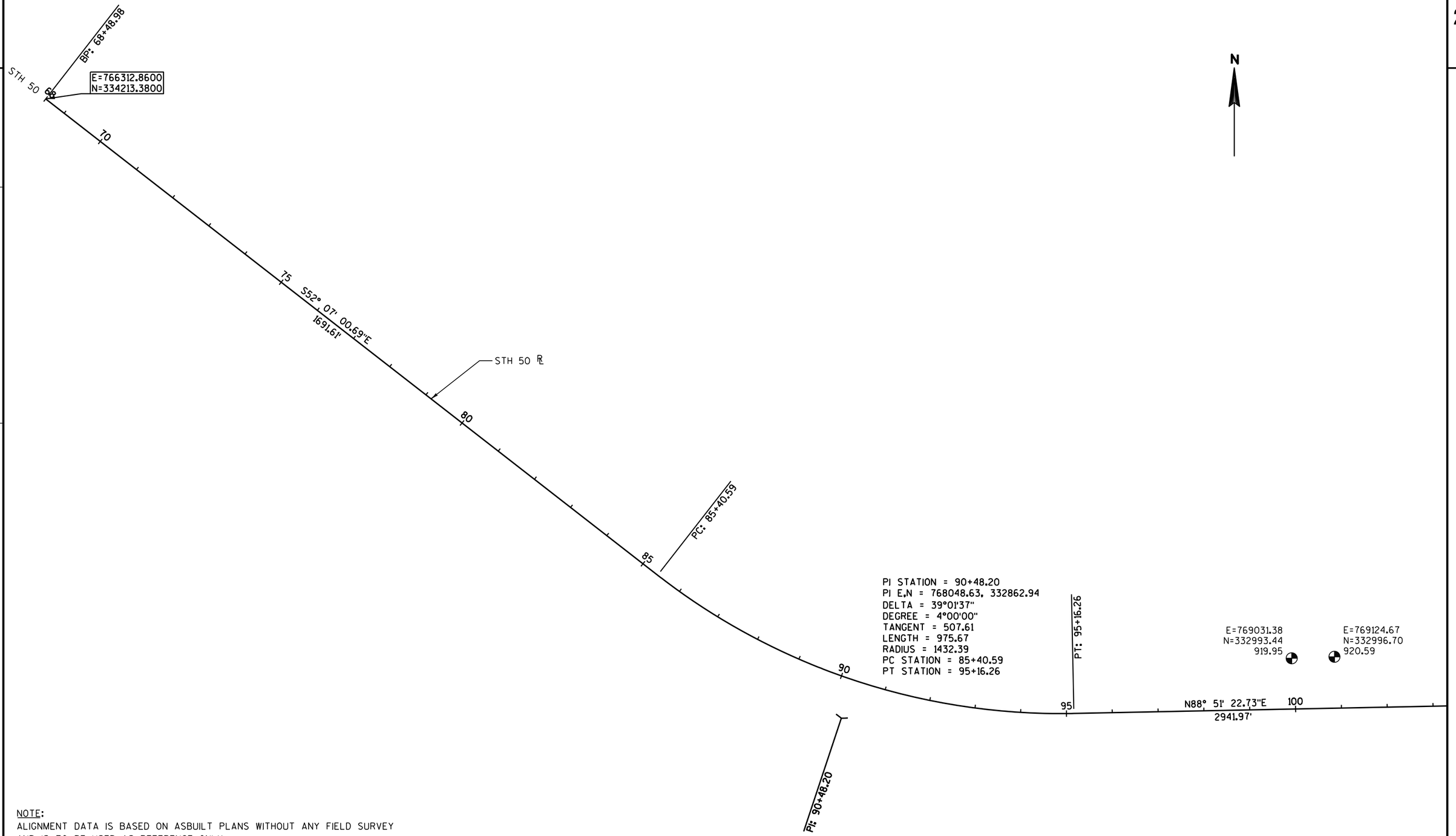
STAGE 4b TYPICAL SECTION
STH 50
STA. 258+00 TO STA. 284+35

* PERMANENT ℄ PAVEMENT MARKING TO BE PLACED PRIOR TO STAGE 4b

NOTES:

- MAINTAIN 45 MPH SPEED LIMIT THRU STAGE 4a AND 4b
- SEE SDD 15 D 12-2 AND SDD 15 D 21-1
- REMOVE EXISTING TEMPORARY PAVEMENT MARKING AS NEEDED
- PLACE TEMPORARY PAVEMENT MARKING REMOVABLE TAPE AS NEEDED

2

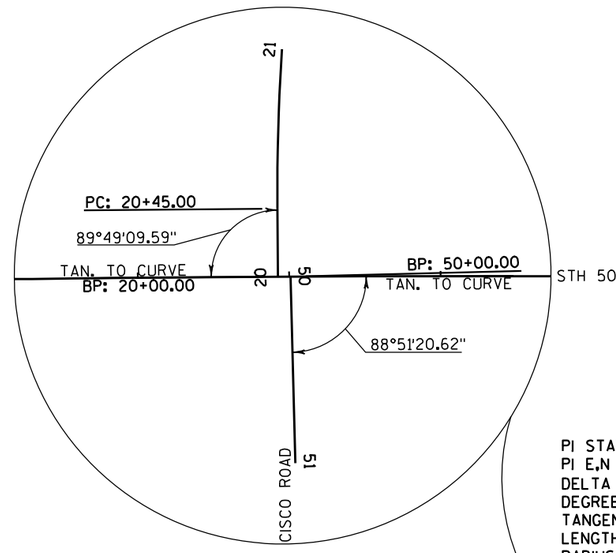


NOTE:
ALIGNMENT DATA IS BASED ON ASBUILT PLANS WITHOUT ANY FIELD SURVEY AND IS TO BE USED AS REFERENCE ONLY.

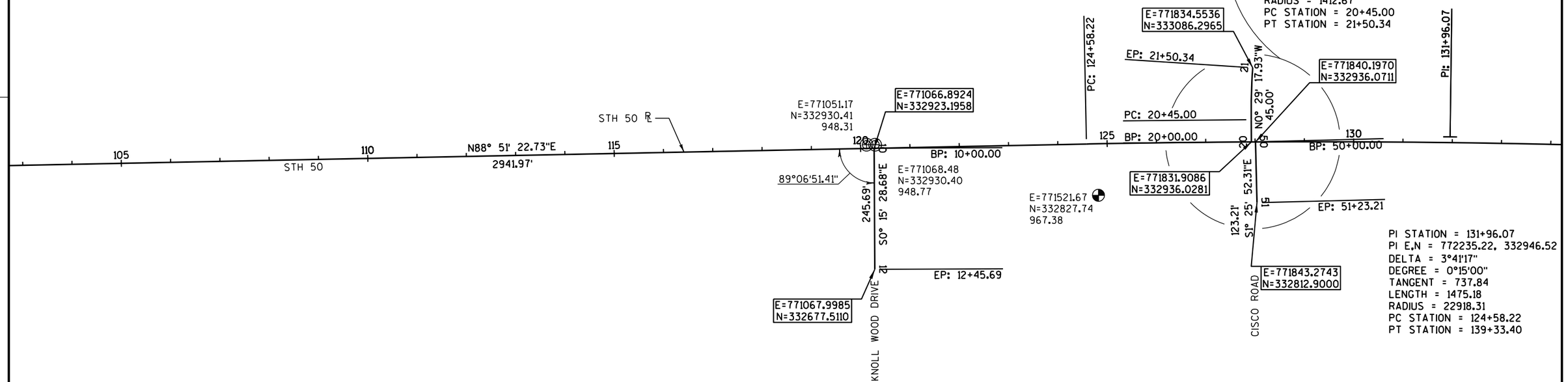
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 154	E

2





PI STATION = 20+97.69
PI E,N = 771831.08, 333033.72
DELTA = 4°16'20"
DEGREE = 4°03'21"
TANGENT = 52.69
LENGTH = 105.34
RADIUS = 1412.67
PC STATION = 20+45.00
PT STATION = 21+50.34

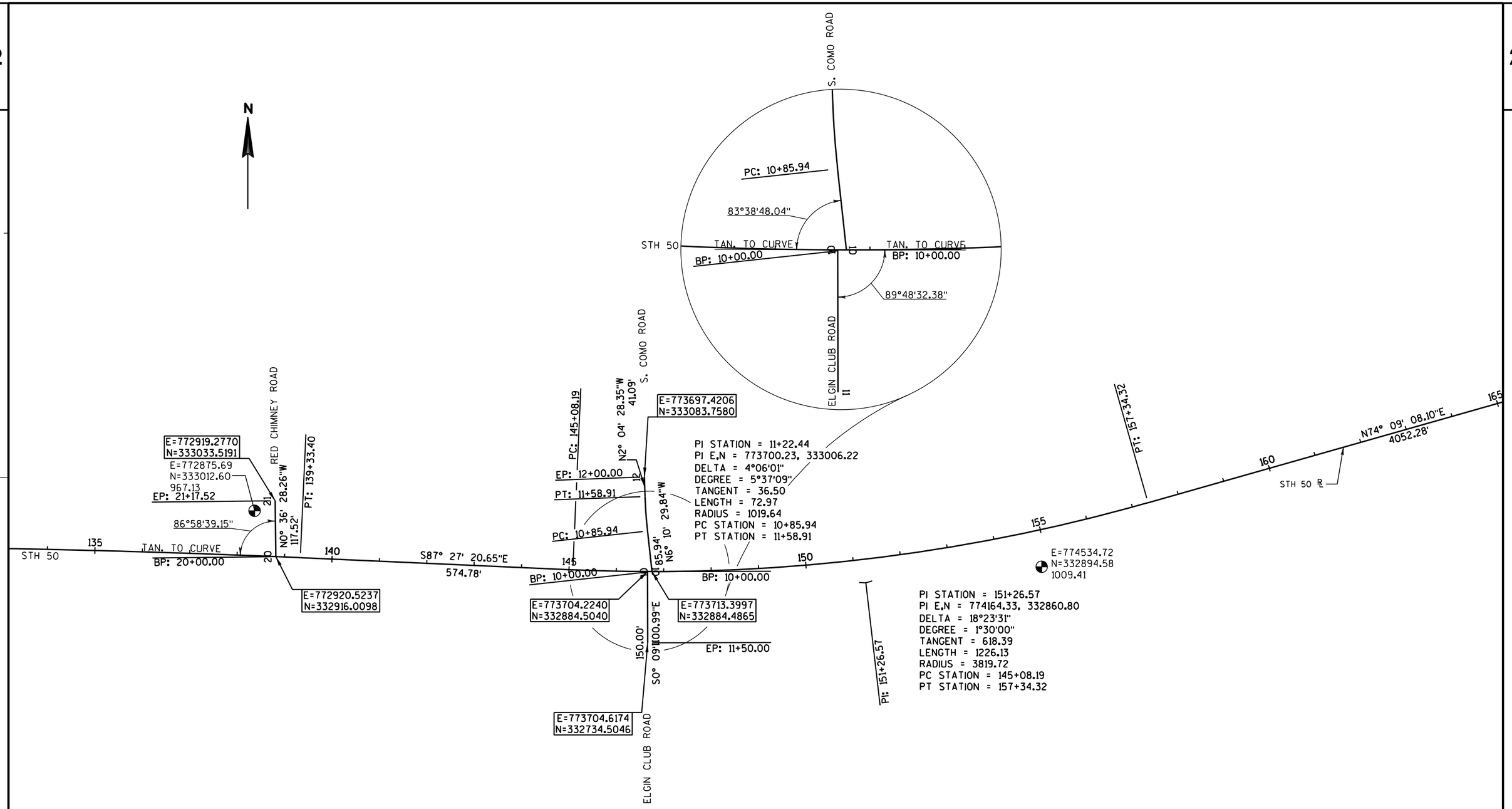


PI STATION = 131+96.07
PI E,N = 772235.22, 332946.52
DELTA = 3°41'17"
DEGREE = 0°15'00"
TANGENT = 737.84
LENGTH = 1475.18
RADIUS = 22918.31
PC STATION = 124+58.22
PT STATION = 139+33.40

NOTE:
ALIGNMENT DATA IS BASED ON ASBUILT PLANS WITHOUT ANY FIELD SURVEY
AND IS TO BE USED AS REFERENCE ONLY.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 155	E

2



NOTE:
ALIGNMENT DATA IS BASED ON ASBUILT PLANS WITHOUT ANY FIELD SURVEY AND IS TO BE USED AS REFERENCE ONLY.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 156	E

2

N

SUNSET BLVD.

E=776312.9180
N=333871.0220

EP: 14+00.00

14

NO° 09' 01.96"W
400.00'

E=776397.56
N=333609.75
1026.51

74°18'10.06"

E=776313.9690
N=333471.0230

EP: 49+99.99
BP: 10+00.00

50

E=776335.9520
N=333477.2622

74°18'10.11"

NO° 09' 02.01"W
556.27'

BP: 44+43.72

44

E=776337.4137
N=332920.9900

CHAPIN ROAD

165
STH 50

170

175

180

185 N74° 09' 08.10"E
4052.28'

190

STH 50 ℄

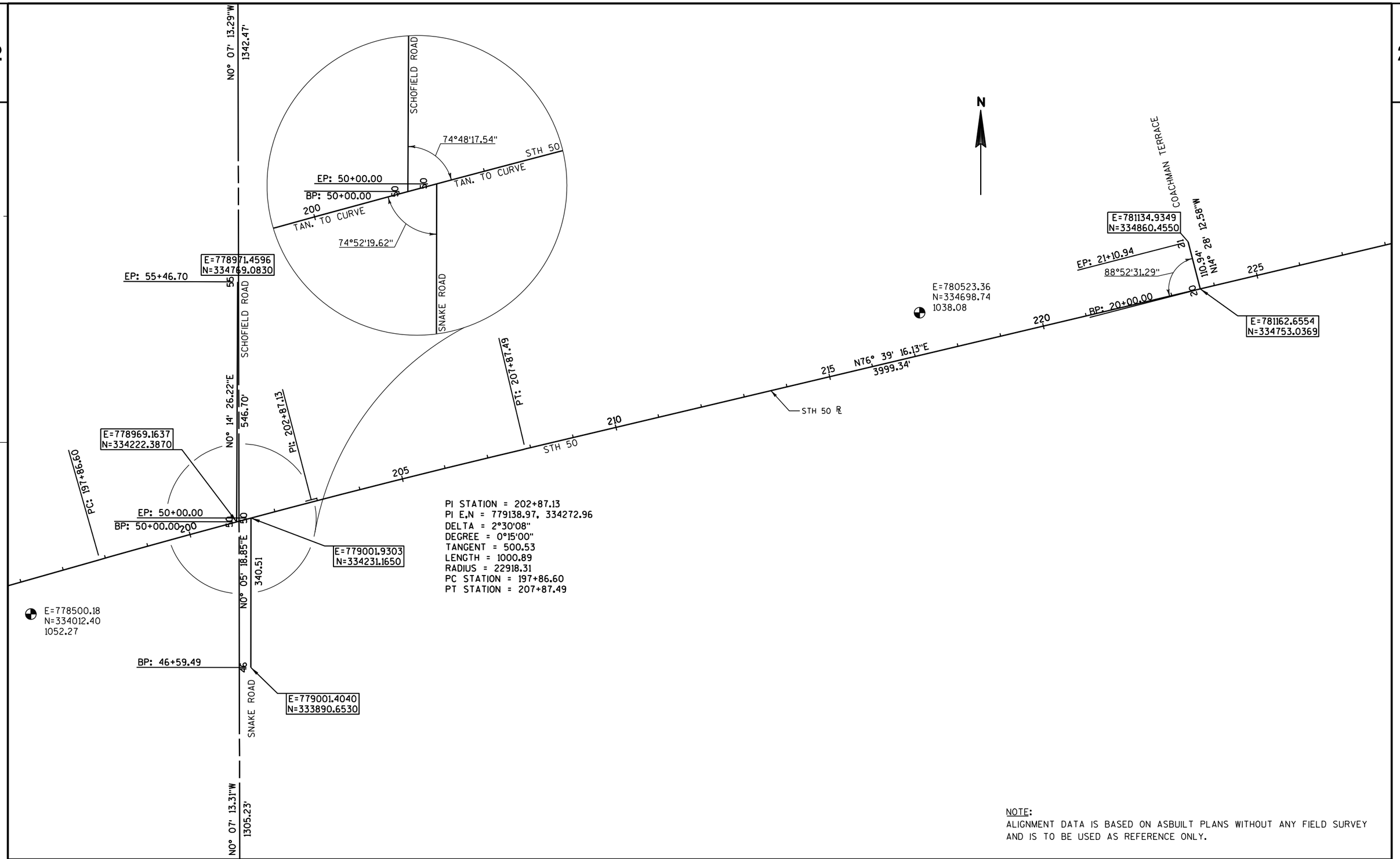
195

E=778500.18
N=334012.40
1052.27

NOTE:
ALIGNMENT DATA IS BASED ON ASBUILT PLANS WITHOUT ANY FIELD SURVEY AND IS TO BE USED AS REFERENCE ONLY.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 157	E

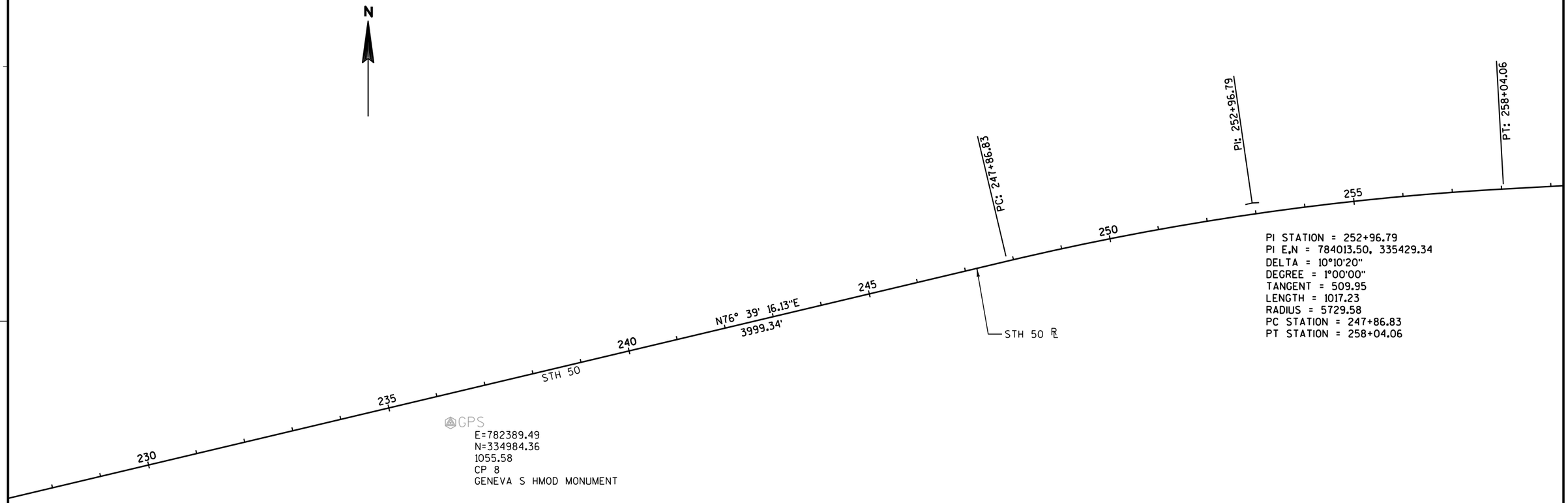
2



NOTE:
ALIGNMENT DATA IS BASED ON ASBUILT PLANS WITHOUT ANY FIELD SURVEY AND IS TO BE USED AS REFERENCE ONLY.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 158	E

2



NOTE:
ALIGNMENT DATA IS BASED ON ASBUILT PLANS WITHOUT ANY FIELD SURVEY AND IS TO BE USED AS REFERENCE ONLY.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 159	E

2

N

E=784722.85
N=335549.98
1037.75

260 265 270 275 280 285

N86° 49' 36.26"E
4499.86'

STH 50

STH 50 R

E=786792.78
N=335652.58
943.84

NOTE:
ALIGNMENT DATA IS BASED ON ASBUILT PLANS WITHOUT ANY FIELD SURVEY AND IS TO BE USED AS REFERENCE ONLY.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 160	E

2

N

EP: 303+03.92

303

STH 50

300

295

290

N86° 49' 36.26"E

4499.86'

E=789015.6344
N=335706.6611

STH 50 ℄

NOTE:
ALIGNMENT DATA IS BASED ON ASBUILT PLANS WITHOUT ANY FIELD SURVEY AND IS TO BE USED AS REFERENCE ONLY.

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 161	E

DATE 10JAN13 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	3170-00-70 QUANTITY
0010	201.0110	CLEARING	SY	2,604.000	2,604.000
0020	201.0210	GRUBBING	SY	2,604.000	2,604.000
0030	203.0100	REMOVING SMALL PIPE CULVERTS	EACH	84.000	84.000
0040	204.0100	REMOVING PAVEMENT	SY	235.000	235.000
0050	204.0115	REMOVING ASPHALTIC SURFACE BUTT JOINTS	SY	1,680.000	1,680.000
0060	204.0125	REMOVING ASPHALTIC SURFACE MILLING	TON	15,040.000	15,040.000
0070	204.0150	REMOVING CURB & GUTTER	LF	6,585.000	6,585.000
0080	204.0220	REMOVING INLETS	EACH	27.000	27.000
0090	204.0245	REMOVING STORM SEWER (SIZE) 01. 15 INCH	LF	100.000	100.000
0100	204.0245	REMOVING STORM SEWER (SIZE) 02. 18 INCH	LF	880.000	880.000
0110	204.0245	REMOVING STORM SEWER (SIZE) 03. 24 INCH	LF	240.000	240.000
0120	204.0245	REMOVING STORM SEWER (SIZE) 04. 30 INCH	LF	510.000	510.000
0130	204.0245	REMOVING STORM SEWER (SIZE) 05. 36 INCH	LF	360.000	360.000
0140	204.0245	REMOVING STORM SEWER (SIZE) 06. 48 INCH	LF	560.000	560.000
0150	205.0100	EXCAVATION COMMON	CY	43,164.000	43,164.000
0160	208.0100	BORROW	CY	100.000	100.000
0170	211.0400	PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS	STA	287.000	287.000
0180	305.0110	BASE AGGREGATE DENSE 3/4-INCH	TON	1,840.000	1,840.000
0190	305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	47,055.000	47,055.000
0200	305.0500	SHAPING SHOULDERS	STA	268.000	268.000
0210	311.0110	BREAKER RUN	TON	16,755.000	16,755.000
0220	416.0170	CONCRETE DRIVEWAY 7-INCH	SY	67.000	67.000
0230	440.4410.S	INCENTIVE IRI RIDE	DOL	28,540.000	28,540.000
0240	455.0105	ASPHALTIC MATERIAL PG58-28	TON	2,360.000	2,360.000
0250	455.0605	TACK COAT	GAL	10,250.000	10,250.000
0260	460.1103	HMA PAVEMENT TYPE E-3	TON	41,820.000	41,820.000
0270	460.2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	26,770.000	26,770.000
0280	465.0120	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	TON	630.000	630.000
0290	465.0125	ASPHALTIC SURFACE TEMPORARY	TON	1,903.000	1,903.000
0300	465.0315	ASPHALTIC FLUMES	SY	299.000	299.000
0310	520.0118	CULVERT PIPE CLASS III 18-INCH	LF	280.000	280.000
0320	520.0124	CULVERT PIPE CLASS III 24-INCH	LF	440.000	440.000
0330	520.0130	CULVERT PIPE CLASS III 30-INCH	LF	408.000	408.000
0340	520.0136	CULVERT PIPE CLASS III 36-INCH	LF	216.000	216.000
0350	520.0148	CULVERT PIPE CLASS III 48-INCH	LF	748.000	748.000
0360	522.1018	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH	EACH	14.000	14.000
0370	522.1024	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH	EACH	14.000	14.000
0380	522.1030	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH	EACH	12.000	12.000
0390	522.1036	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 36-INCH	EACH	4.000	4.000
0400	522.1048	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 48-INCH	EACH	8.000	8.000
0410	525.0118	CULVERT PIPE CORRUGATED ALUMINUM 18-INCH	LF	1,756.000	1,756.000
0420	525.0124	CULVERT PIPE CORRUGATED ALUMINUM 24-INCH	LF	150.000	150.000
0430	525.0318	ALUMINUM APRON ENDWALLS FOR ALUMINUM CULVERT PIPE 18-INCH	EACH	108.000	108.000
0440	525.0324	ALUMINUM APRON ENDWALLS FOR ALUMINUM CULVERT PIPE 24-INCH	EACH	8.000	8.000
0450	601.0557	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	LF	22,825.000	22,825.000

3

DATE 10JAN13 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	3170-00-70 QUANTITY
0460	601.0576	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE J	LF	745.000	745.000
0470	602.0410	CONCRETE SIDEWALK 5-INCH	SF	26,630.000	26,630.000
0480	603.8000	CONCRETE BARRIER TEMPORARY PRECAST DELIVERED	LF	2,000.000	2,000.000
0490	603.8125	CONCRETE BARRIER TEMPORARY PRECAST INSTALLED	LF	2,000.000	2,000.000
0500	606.0100	RIPRAP LIGHT	CY	69.000	69.000
0510	606.0300	RIPRAP HEAVY	CY	139.000	139.000
0520	608.0318	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH	LF	524.000	524.000
0530	608.0324	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH	LF	184.000	184.000
0540	608.0336	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH	LF	140.000	140.000
0550	608.0418	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH	LF	335.000	335.000
0560	608.0424	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH	LF	146.000	146.000
0570	608.0430	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 30-INCH	LF	530.000	530.000
0580	611.0627	INLET COVERS TYPE HM	EACH	7.000	7.000
0590	611.0645	INLET COVERS TYPE MS-A	EACH	22.000	22.000
0600	611.3253	INLETS 2.5X3-FT	EACH	7.000	7.000
0610	611.3902	INLETS MEDIAN 2 GRATE	EACH	11.000	11.000
0620	611.8110	ADJUSTING MANHOLE COVERS	EACH	3.000	3.000
0630	611.8120.S	COVER PLATES TEMPORARY	EACH	2.000	2.000
0640	611.9710	SALVAGED INLET COVERS	EACH	1.000	1.000
0650	619.1000	MOBILIZATION	EACH	1.000	1.000
0660	620.0100	CONCRETE CORRUGATED MEDIAN	SF	1,430.000	1,430.000
0670	620.0300	CONCRETE MEDIAN SLOPED NOSE	SF	2,504.000	2,504.000
0680	625.0100	TOPSOIL	SY	357.000	357.000
0690	625.0500	SALVAGED TOPSOIL	SY	46,369.000	46,369.000
0700	627.0200	MULCHING	SY	44,210.000	44,210.000
0710	628.1104	EROSION BALES	EACH	105.000	105.000
0720	628.1504	SILT FENCE	LF	4,155.000	4,155.000
0730	628.1520	SILT FENCE MAINTENANCE	LF	4,155.000	4,155.000
0740	628.1905	MOBILIZATIONS EROSION CONTROL	EACH	7.000	7.000
0750	628.1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	4.000	4.000
0760	628.2004	EROSION MAT CLASS I TYPE B	SY	2,516.000	2,516.000
0770	628.7005	INLET PROTECTION TYPE A	EACH	14.000	14.000
0780	628.7010	INLET PROTECTION TYPE B	EACH	2.000	2.000
0790	628.7015	INLET PROTECTION TYPE C	EACH	9.000	9.000
0800	628.7020	INLET PROTECTION TYPE D	EACH	11.000	11.000
0810	628.7504	TEMPORARY DITCH CHECKS	LF	325.000	325.000
0820	628.7555	CULVERT PIPE CHECKS	EACH	109.000	109.000
0830	629.0205	FERTILIZER TYPE A	CWT	29.430	29.430
0840	630.0110	SEEDING MIXTURE NO. 10	LB	631.000	631.000
0850	630.0200	SEEDING TEMPORARY	LB	1,262.000	1,262.000
0860	633.5200	MARKERS CULVERT END	EACH	50.000	50.000
0870	634.0618	POSTS WOOD 4X6-INCH X 18-FT	EACH	184.000	184.000
0880	634.0620	POSTS WOOD 4X6-INCH X 20-FT	EACH	3.000	3.000
0890	637.0202	SIGNS REFLECTIVE TYPE II	SF	1,600.060	1,600.060
0900	638.2102	MOVING SIGNS TYPE II	EACH	13.000	13.000
0910	638.2602	REMOVING SIGNS TYPE II	EACH	163.000	163.000

3

DATE 10JAN13 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	3170-00-70 QUANTITY
0920	638.3000	REMOVING SMALL SIGN SUPPORTS	EACH	164.000	164.000
0930	642.5001	FIELD OFFICE TYPE B	EACH	1.000	1.000
0940	643.0100	TRAFFIC CONTROL (PROJECT) 01. 3170-00-70	EACH	1.000	1.000
0950	643.0300	TRAFFIC CONTROL DRUMS	DAY	54,900.000	54,900.000
0960	643.0420	TRAFFIC CONTROL BARRICADES TYPE III	DAY	12,220.000	12,220.000
0970	643.0500	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS	EACH	800.000	800.000
0980	643.0600	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES	EACH	800.000	800.000
0990	643.0705	TRAFFIC CONTROL WARNING LIGHTS TYPE A	DAY	11,030.000	11,030.000
1000	643.0715	TRAFFIC CONTROL WARNING LIGHTS TYPE C	DAY	6,050.000	6,050.000
1010	643.0900	TRAFFIC CONTROL SIGNS	DAY	24,420.000	24,420.000
1020	643.1050	TRAFFIC CONTROL SIGNS PCMS	DAY	80.000	80.000
1030	645.0112	GEOTEXTILE FABRIC TYPE DF SCHEDULE B	SY	2,475.000	2,475.000
1040	645.0120	GEOTEXTILE FABRIC TYPE HR	SY	266.000	266.000
1050	645.0130	GEOTEXTILE FABRIC TYPE R	SY	218.000	218.000
1060	646.0106	PAVEMENT MARKING EPOXY 4-INCH	LF	64,240.000	64,240.000
1070	646.0600	REMOVING PAVEMENT MARKINGS	LF	10,000.000	10,000.000
1080	646.0881.S	PAVEMENT MARKING GROOVED WET REFLECTIVE TAPE 4-INCH	LF	9,810.000	9,810.000
1090	646.0883.S	PAVEMENT MARKING GROOVED WET REFLECTIVE TAPE 8-INCH	LF	10,810.000	10,810.000
1100	647.0456	PAVEMENT MARKING CURB EPOXY	LF	340.000	340.000
1110	647.0606	PAVEMENT MARKING ISLAND NOSE EPOXY	EACH	33.000	33.000
1120	647.0726	PAVEMENT MARKING DIAGONAL EPOXY 12-INCH	LF	365.000	365.000
1130	647.0856	PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY	SF	620.000	620.000
1140	649.0200	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH	LF	103,900.000	103,900.000
1150	649.0400	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH	LF	19,510.000	19,510.000
1160	649.0701	TEMPORARY PAVEMENT MARKING 8-INCH	LF	1,350.000	1,350.000
1170	649.1700	TEMPORARY PAVEMENT MARKING ARROWS	EACH	14.000	14.000
1180	650.4000	CONSTRUCTION STAKING STORM SEWER	EACH	32.000	32.000
1190	650.4500	CONSTRUCTION STAKING SUBGRADE	LF	3,265.000	3,265.000
1200	650.5500	CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER	LF	26,295.000	26,295.000
1210	650.6000	CONSTRUCTION STAKING PIPE CULVERTS	EACH	14.000	14.000
1220	650.8000	CONSTRUCTION STAKING RESURFACING REFERENCE	LF	39,470.000	39,470.000
1230	650.9910	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 01. 3170-00-70	LS	1.000	1.000
1240	650.9920	CONSTRUCTION STAKING SLOPE STAKES	LF	11,864.000	11,864.000
1250	690.0150	SAWING ASPHALT	LF	35,080.000	35,080.000
1260	SPV.0060	SPECIAL 01. RAISED PAVEMENT MARKERS	EACH	124.000	124.000
1270	SPV.0060	SPECIAL 02. GRADING SLOPED ENDWALL AREA	EACH	140.000	140.000
1280	SPV.0060	SPECIAL 03. PAVEMENT MARKING GROOVED PREFORMED THERMOPASTIC ARROWS	EACH	2.000	2.000
1290	SPV.0060	SPECIAL 05. REMOVING FLAGPOLE	EACH	1.000	1.000
1300	SPV.0060	SPECIAL 06. REMOVING LIGHTING FIXTURE	EACH	3.000	3.000
1310	SPV.0060	SPECIAL 07. REMOVING ADVERTISING SIGN	EACH	3.000	3.000
1320	SPV.0060	SPECIAL 08. REMOVING DECORATIVE STONE	EACH	4.000	4.000
1330	SPV.0090	SPECIAL 01. DITCHING AND SHAPING	LF	4,265.000	4,265.000
1340	SPV.0090	SPECIAL 02. PAVEMENT MARKING GROOVED PREFORMED PLASTIC TAPE 4-INCH	LF	16,320.000	16,320.000

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DATE 10JAN13 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	3170-00-70 QUANTITY
1350	SPV.0090	SPECIAL 03. PAVEMENT MARKING GROOVED PREFORMED PLASTIC TAPE 18-INCH	LF	412.000	412.000

3

3

ROADWAY	STATION	OFFSET	204.0220 REMOVING INLETS EACH	REMOVING STORM SEWER 204.0245.01 15-INCH LF	204.0245.02 18-INCH LF	204.0245.03 24-INCH LF	204.0245.04 30-INCH LF	204.0245.05 36-INCH LF	204.0245.06 48-INCH LF
STH 50	92+50	15' LT	1	--	--	--	130	--	--
	99+75	70' RT	1	--	90	--	--	--	--
	100+50	23' RT	1	45	--	--	--	--	--
	100+90	85' RT	1	--	20	--	--	--	--
	104+50	0'	1	--	55	--	--	--	--
	107+50	LT & RT	1	--	--	--	--	--	190
	114+00	7' LT	1	--	65	--	--	--	--
	123+95	LT & RT	1	--	--	130	--	--	--
	136+57	14' LT	1	--	50	--	--	--	--
	141+50	10' LT	1	--	60	--	--	--	--
	147+12	10' LT	1	--	55	--	--	--	--
	151+70	LT & RT	1	--	--	--	--	--	210
	159+00	LT & RT	1	--	--	--	--	--	160
	173+00	LT & RT	1	--	--	110	--	--	--
	178+40	LT & RT	1	--	--	--	--	220	--
	182+90	10' LT	1	--	70	--	--	--	--
	188+50	10' LT	1	--	55	--	--	--	--
	201+00	10' LT	1	--	60	--	--	--	--
	206+00	10' LT	1	--	55	--	--	--	--
	212+00	LT & RT	1	--	--	--	--	140	--
	217+00	10' LT	1	--	65	--	--	--	--
	224+75	LT & RT	1	--	--	--	120	--	--
	235+00	7' LT	1	--	55	--	--	--	--
	239+90	LT & RT	1	--	--	--	130	--	--
	245+00	LT & RT	1	--	--	--	130	--	--
	248+60	10' LT	1	--	125	--	--	--	--
	252+90	7' LT	1	55	--	--	--	--	--
		TOTAL	27	100	880	240	510	360	560

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010

REMOVING PAVEMENT

LOCATION	204.0100 SY
97+75 RT	5
126+50 - 127+50 LT	78
262+50 LT	9
264+75 LT	9
265+30 LT	9
283+15 - 284+35 RT	125
TOTAL	235

REMOVING SMALL PIPE CULVERTS

	LOCATION		SIZE*	LENGTH*	203.0100**
STH 50	100+25	95' RT	30" RCP	140'	1
	180+50	LT & RT	30" RCP	185'	1
KNOLLWOOD DRIVE	10+67	LT & RT	18" RCP	70'	1
RED CHIMNEY ROAD	20+70	LT & RT	18" RCP	57'	1
ELGIN CLUB ROAD	10+55	LT & RT	24" RCP	60'	1
S. COMO ROAD	10+65	LT & RT	24" RCP	65'	1
CHAPIN ROAD	49+40	LT & RT	24" RCP	60'	1
SNAKE ROAD	49+42	LT & RT	24" RCP	52'	1
COACHMAN TERRACE	20+70	LT & RT	24" RCP	45'	1
				TOTAL	9

NOTE:
*FOR INFORMATION ONLY
**ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLAN

REMOVING ASPHALTIC SURFACE

LOCATION				204.0115 BUTT JOINTS SY	204.0125 MILLING TON
STAGE 2					
STH 50	96+00	-	122+67.52	330	1,200
	144+20	-	258+00	--	5,050
	258+00	-	284+35	330	1,150
			SUBTOTAL	660	7,400
STAGE 3					
STH 50	96+00	-	122+67.52	330	1,200
	144+20	-	258+00	--	5,050
	258+00	-	284+35	330	1,150
GENEVA ST	--	-	--	120	190
FOREST DRIVE	--	-	--	120	25
SNAKE ROAD	--	-	--	120	25
			SUBTOTAL	1,020	7,640
			TOTAL	1,680	15,040

REMOVING CURB & GUTTER

	204.0150 REMOVING CURB & GUTTER LF
INTERSECTION	
GENEVA STREET	1,450
KNOLLWOOD DRIVE	300
CISCO ROAD	310
RED CHIMNEY ROAD	220
S. COMO/ELGIN CLUB	410
SUNSET BLVD/CHAPIN RD	370
SCHOFIELD/SNAKE RD	440
COACHMAN TERRACE	200
FOREST/SNAKE RD	490
STH 50 MEDIAN OPENINGS	
STA 105+50	110
STA 113+25	220
STA 155+50	220
STA 164+25	220
STA 188+25	220
STA 194+75	220
STA 207+00	220
STA 233+75	220
TRAFFIC CONTROL MEDIAN STAGING	
STA 86+00 - 87+00 EB	100
STA 86+00 - 92+45 WB	645
TOTAL	6,585

Division	From/To Station	Location	Common Excavation (1) (Item # 205.0100)		Salvaged/Unusable Pavement Material (4)	Available Material (5)	Expanded EBS Backfill (6)	Unexpanded Fill	Expanded Fill (7)	Mass Ordinate +/- (8)	Waste	Borrow	Comment:
			Cut (2)	EBS Excavation (3)			Factor 1.00		Factor 1.20				
Division 1													
STH 50	95+40.26/113+55	Geneva St	1,041	144	183	858	144	1	1	856	856	0	
	100+40/122+67.52	Knollwood Dr	426	232	83	343	232	103	124	219	219	0	
	113+55/144+20	Reconstruct	8,980	1,559	1,420	7,559	1,559	1,004	1,205	6,355	6,355	0	
	122+67.53/167+87.50	Como Rd	1,535	590	293	1,242	590	433	520	722	722	0	
	144+20/178+55.62	Sunset Blvd	1,244	516	153	1,091	516	963	1,156	-65	0	-65	Can use other available material for borrow area
	168+84.15/210+49.09	Schofield Rd	1,487	154	442	1,045	154	315	378	667	667	0	
	184+70.91/227+36.19	Coachman Tr	1,062	0	153	908	0	228	273	635	635	0	
	219+98.02/237+34.09	STA 234 Median Opening	329	0	84	245	0	1	1	244	244	0	
	230+35.92/248+75	STA 248 Median Opening	194	0	56	139	0	0	0	139	139	0	
Side Roads	20+50/21+25	Geneva Ridge	271	0	42	229	0	10	12	218	218	0	
	20+50/21+15	Red Chimney Rd	92	0	33	58	0	11	14	45	45	0	
	20+50/11+55.19	Como Rd	204	0	51	153	0	38	45	108	108	0	
	10+50/12+01	Sunset Blvd	319	0	84	235	0	26	31	204	204	0	
	10+50/51+75	Schofield Rd	189	0	60	130	0	24	29	101	101	0	
	50+50/21+00	Coachman Tr	85	0	28	57	0	13	16	41	41	0	
		Division 1 Subtotal	17,458	3,195	3,166	14,292	3,195	3,170	3,805	10,488	10,553	-65	
Divison 2													
STH 50	95+40.26/113+55	Geneva St	2,049	952	367	1,681	952	998	1,197	484	484	0	
	100+40/122+67.52	Knollwood Dr	1,457	421	128	1,329	421	212	255	1,074	1,074	0	
	113+55/144+20	Reconstruct	8,189	2,914	1,278	6,911	2,914	757	908	6,002	6,002	0	
	122+67.53/167+87.50	Como Rd	868	426	169	699	426	242	291	409	409	0	
	144+20/178+55.62	Sunset Blvd	734	148	103	631	148	200	240	391	391	0	
	168+84.15/210+49.09	Schofield Rd	1,006	280	200	806	280	179	215	591	591	0	
	184+70.91/227+36.19	Coachman Tr	225	0	43	182	0	0	0	182	182	0	
	219+98.02/237+34.09	STA 234 Median Opening	207	0	38	170	0	1	1	169	169	0	
	230+35.92/248+75	STA 248 Median Opening	123	138	18	105	138	1	1	104	104	0	
Side Roads	244+85/11+33.88	Knollwood Dr (SR)	152	0	53	99	0	34	41	58	58	0	
	10+30/51+10	Cisco Rd (SR)	361	0	52	308	0	0	0	308	308	0	
	50+30/11+50	Elgin Club Rd (SR)	200	0	56	144	0	56	68	76	76	0	
	10+27/49+70	Chapin Rd (SR)	334	0	80	254	0	69	83	171	171	0	
	48+00/49+70	Snake Rd (SR)	203	0	52	151	0	17	21	130	130	0	
		Division 2 Subtotal	16,107	5,280	2,636	13,471	5,280	2,767	3,320	10,151	10,151	0	
Grand Total			33,564.78	8,474.70	5,801.17	27,763.61	8,474.70	5,937.48	7,124.98	20,638.63	20,703.81	-65.18	
		Total Common Exc		42,039.48									

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 Breaker Run.
4) Salvaged/Unusable Pavement Material is to be wasted
5) Available Material = Cut - Salvaged/Unusuable Pavement Material
6) Expanded EBS Backfill - This is to be filled with Breaker Run. EBS Backfill Factor = 1.0. Item number 311.0110
7) Expanded Fill. Factor = 1.2
8) 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.

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010
THIS TABLE FOR INFORMATION ONLY

ASPHALTIC FLUMES

ROADWAY	STATION	SIDE	465.0315 SY
GENEVA ST	97+60	RT	13
STH 50	119+40	RT	13
	127+30	RT	13
	128+60	RT	13
	146+90	LT & RT	26
	174+10	RT	13
	202+15	LT	13
	223+10	LT	13
KNOLLWOOD DR	10+05	LT	13
CISCO RD (NORTH)	21+25	LT & RT	26
RED CHIMNEY RD	21+15	LT & RT	26
ELGIN CLUB RD	10+90	LT	13
S. COMO RD	10+70	RT	13
CHAPIN RD	49+25	LT	13
SUNSET BLVD	11+60	RT	13
SCHOFIELD RD	51+05	LT	13
	51+20	RT	13
SNAKE RD	48+80	LT	13
	49+00	RT	13
COACHMAN TERRACE	21+05	RT	13
		TOTAL	299

ASPHALTIC PAVEMENT ITEMS

LOCATION	STATION		STATION	465.0125 ASPHALTIC SURFACE TEMPORARY TON
STAGE 1				
STH 50	100+00	-	102+00	267
	197+00		206+00	360
	241+00	-	246+00	1082
SUBTOTAL				1710
STAGE 2				
STH 50	86+00	-	92+50	129
	96+00	-	99+30	64
SUBTOTAL				193
TOTAL				1,903

ASPHALTIC PAVEMENT ITEMS

LOCATION	STATION		STATION	455.0105 ASPHALTIC MATERIAL PG 58-28 TON	455.0605 TACK COAT GAL	460.1103 HMA PAVEMENT TYPE E-3 TON
STAGE 2						
STH 50	96+00	-	122+67.52	86	278	1,534
	122+67.52	-	144+20	145	250	2,588
	144+20	-	258+00	368	1,189	6,576
	258+00	-	284+35	68	234	1,212
RED CHIMNEY RD				8	16	136
S. COMO RD				10	13	184
SUNSET BLVD				16	18	284
SCHOFIELD RD				12	27	208
COACHMAN TERRACE				7	11	119
FOREST ST				1	5	26
SUBTOTAL				730	2,050	12,870
STAGE 3						
STH 50	96+00	-	122+67.52	82	541	1,459
	122+67.52	-	144+20	131	679	2,342
	144+20	-	258+00	353	2,324	6,300
	258+00	-	284+35	68	468	1,212
GENEVA ST				18	71	320
KNOLLWOOD DR				15	38	269
CISCO RD				25	31	443
ELGIN CLUB RD				14	38	250
CHAPIN RD				22	45	386
SNAKE RD				16	38	282
SNAKE RD				2	10	43
SUBTOTAL				750	4,290	13,310
STAGE 4						
STH 50	96+00	-	122+67.52	130	578	2,326
	122+67.52	-	144+20	107	490	1,908
	144+20	-	258+00	533	2,364	9,517
	258+00	-	284+35	106	468	1,885
SUBTOTAL				880	3,910	15,640
TOTAL				2,360	10,250	41,820

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010

3

BASE AGGREGATE

LOCATION			305.0120** 1 1/4-INCH DENSE TON	305.0110 3/4-INCH DENSE TON
STAGE 2				
STH 50				
96+00	TO	122+67.52	3,300	85
122+67.52	TO	144+20	10,400	115
144+20	TO	248+00	17,600	195
248+00	TO	284+00	1,050	--
RED CHIMNEY RD			85	7
S COMO RD			150	5
SUNSET BLVD			240	10
SCHOFIELD RD			180	23
COACHMAN TERRACE			120	8
		SUBTOTAL	33,125	447
STAGE 3				
STH 50				
96+00	TO	122+67.52	3,000	220
122+67.52	TO	144+20	6,300	230
144+20	TO	248+00	2,700	390
248+00	TO	284+00	--	--
KNOLLWOOD DR			85	15
CISCO RD			120	10
ELGIN CLUB RD			160	20
CHAPIN RD			230	45
SNAKE RD			160	15
		SUBTOTAL	12,755	945
STAGE 4				
STH 50				
86+00	TO	92+45	250	--
96+00	TO	122+67.52	--	85
122+67.52	TO	144+20	--	115
144+20	TO	248+00	--	195
248+00	TO	284+00	--	--
KNOLLWOOD DR			--	7
CISCO RD			--	5
ELGIN CLUB RD			--	10
CHAPIN RD			--	23
SNAKE RD			--	8
		SUBTOTAL	250	447
		TOTAL	46,130	1,840

NOTE:
**ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLAN

	STATION		STATION	SPV.0090.01 DITCHING & SHAPING LF
STH 50				
	106+25	-	109+64	339
	115+75	-	116+75 RT	100
	159+14	-	160+76	162
	167+88	-	170+06	218
	177+14	-	184+71	757
	207+30	-	208+60 LT	130
	210+49	-	219+98	949
	212+00	-	214+50 LT	250
	227+36	-	230+36	300
	220+00	-	221+25 RT	125
	229+25	-	231+10 LT	185
	237+34	-	244+84	750
			TOTAL	4,265

LOCATION	205.0100 EXCAVATION COMMON CY	311.0110** BREAKER RUN TON	208.0100 BORROW CY
STAGE 2	20,653	5,590	--
STAGE 3	21,387	9,240	--
STAGE 4A	385	--	100
UNDISTRIBUTED	740	1,300	--
TOTAL	43,164	16,130	100

ENCROACHMENT REMOVALS

LOCATION	SPV.0060.05 REMOVING FLAGPOLE EACH	SPV.0060.06 REMOVING LIGHTING FIXTURE EACH	SPV.0060.07 REMOVING ADVERTISING SIGN EACH	SPV.0060.08 REMOVING DECORATIVE STONE EACH
120+25 LT	--	--	1	--
120+77 LT	--	1	--	--
172+25 RT	1	--	--	--
172+27 RT	--	--	1	--
223+23 LT	--	1	1	--
223+33 LT	--	--	--	1
223+47 LT	--	1	--	--
223+97 LT	--	--	--	1
231+27 LT	--	--	--	1
231+51 LT	--	--	--	1
TOTAL	1	3	3	4

SHOULDERS

STATION		STATION	211.0400 FOUNDATION FOR ASHPALTIC SHOULDERS STA	305.0500 SHAPING SHOULDERS STA
STAGE 3				
96+00	to	122+67.52	7	7
144+20	to	284+35	125	115
		SUBTOTAL	132	122
STAGE 4				
96+00	to	122+67.52	36	35
144+20	to	284+35	119	111
		SUBTOTAL	155	146
		TOTAL	287	268

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010

3

3

DRIVEWAYS

LOCATION	OFFSET	203.0100** REMOVING SMALL PIPE CULVERTS EA	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	305.0120** BASE AGGREGATE DENSE 1 1/4-INCH TON	416.0170 CONCRETE DRIVEWAY 7-INCH SY	525.0118 CULVERT PIPE CORRUGATED ALUMINUM 18-INCH LF	525.0124 CULVERT PIPE CORRUGATED ALUMINUM 24-INCH LF	525.0318 ALUMINUM APRON ENDWALLS FOR ALUMINUM CULVERT PIPE 18-INCH EA	525.0324 ALUMINUM APRON ENDWALLS FOR ALUMINUM CULVERT PIPE 24-INCH EA	SPV.0060 02** GRADING SLOPED ENDWALL AREA EA
105+00	RT	1	--	18	--	60	--	2	--	2
106+25	RT	1	--	10	--	--	--	--	--	2
108+75	RT	2	--	11	--	84	--	4	--	2
110+20	RT	2	11	11	--	64	--	4	--	2
113+20	RT	1	15	14	--	--	32	--	2	2
115+25	RT	2	--	--	--	--	64	--	4	--
117+00	RT	2	11	12	--	52	--	4	--	2
118+00	LT	1	15	14	--	28	--	2	--	2
120+50	LT	--	26	25	--	--	--	--	--	2
134+75	RT	--	23	21	--	--	--	--	--	2
138+60	RT	1	23	21	--	--	54	--	2	2
141+00	LT	1	--	15	--	26	--	2	--	2
149+15	LT	1	19	18	--	42	--	2	--	2
155+60	RT	--	30	28	--	--	--	--	--	2
155+75	LT	1	--	11	--	26	--	2	--	2
157+50	RT	1	15	14	--	46	--	2	--	2
162+80	RT	1	19	18	--	48	--	2	--	2
163+25	LT	1	19	18	--	34	--	2	--	2
163+60	RT	1	--	15	67	34	--	2	--	2
164+80	RT	1	15	14	--	32	--	2	--	2
167+75	RT	1	--	18	--	32	--	2	--	2
168+50	RT	1	11	11	--	36	--	2	--	2
170+80	RT	1	15	14	--	36	--	2	--	2
172+40	RT	1	26	25	--	48	--	2	--	2
180+10	LT	1	--	12	--	26	--	2	--	2
188+15	RT	1	15	14	--	36	--	2	--	2
191+75	LT	1	--	--	--	26	--	2	--	--
194+90	RT	1	15	14	--	32	--	2	--	2
194+90	LT	1	15	14	--	26	--	2	--	2
204+60	LT	1	11	11	--	26	--	2	--	2
207+00	RT	1	--	15	--	30	--	2	--	2
207+00	LT	1	19	18	--	40	--	2	--	2
208+75	LT	1	19	18	--	34	--	2	--	2
212+90	RT	1	19	18	--	34	--	2	--	2
SUBTOTAL		35	405	506	67	1038	150	60	8	64

NOTE:
**ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLAN

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010

3

DRIVEWAYS (CONTINUED)

LOCATION	OFFSET	203.0100** REMOVING SMALL PIPE CULVERTS EA	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	305.0120** BASE AGGREGATE DENSE 1 1/4-INCH TON	416.0170 CONCRETE DRIVEWAY 7-INCH SY	525.0118 CULVERT PIPE CORRUGATED ALUMINUM 18-INCH LF	525.0124 CULVERT PIPE CORRUGATED ALUMINUM 24-INCH LF	525.0318 ALUMINUM APRON ENDWALLS FOR ALUMINUM CULVERT PIPE 18-INCH EA	525.0324 ALUMINUM APRON ENDWALLS FOR ALUMINUM CULVERT PIPE 24-INCH EA	SPV.0060 02** GRADING SLOPED ENDWALL AREA EA
215+00	LT	1	--	33	--	56	--	2	--	2
215+50	RT	1	--	22	--	26	--	2	--	2
219+10	RT	1	15	14	--	26	--	2	--	2
220+25	RT	1	--	--	--	26	--	2	--	--
220+90	LT	1	--	11	--	26	--	2	--	2
221+40	RT	1	19	18	--	26	--	2	--	2
223+00	RT	1	--	18	--	26	--	2	--	2
225+75	RT	1	--	15	--	26	--	2	--	2
226+25	LT	1	--	15	--	26	--	2	--	2
226+70	RT	1	--	15	--	26	--	2	--	2
228+40	RT	--	15	14	--	--	--	--	--	2
228+40	LT	1	--	11	--	26	--	2	--	2
231+40	LT	1	19	18	--	30	--	2	--	2
233+25	RT	1	--	18	--	34	--	2	--	2
233+85	RT	1	--	15	--	30	--	2	--	2
234+25	LT	1	19	18	--	32	--	2	--	2
241+00	LT	1	--	--	--	28	--	2	--	--
241+75	RT	1	--	18	--	--	--	--	--	2
244+25	LT	1	23	21	--	42	--	2	--	2
248+50	LT	1	26	25	--	--	--	--	--	2
253+75	LT	1	19	18	--	26	--	2	--	2
257+60	RT	1	--	18	--	30	--	2	--	2
257+60	LT	1	23	21	--	32	--	2	--	2
261+50	LT	1	--	--	--	34	--	2	--	--
262+25	LT	1	11	11	--	26	--	2	--	2
265+10	LT	1	19	18	--	26	--	2	--	2
274+85	LT	1	19	18	--	32	--	2	--	2
SUBTOTAL		26	225	418	0	718	0	48	0	48
TOTAL		61	630	925	67	1,756	150	108	8	112

NOTE:
**ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLAN

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010

PROPOSED STORM SEWER STRUCTURES

STRUCT. NO.	STA.	LOCATION	GRATE ELEVATION	DEPTH FT	611.3253 INLETS 2.5 X 3-FT EACH	611.3902 INLET MEDIAN 2 GRATE EACH	611.0627 INLET COVERS TYPE HM EACH	611.0645 INLET COVERS TYPE MS-A EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 522.1018 ** 18-INCH EACH	522.1024 ** 24-INCH EACH	522.1030 ** 30-INCH EACH	522.1036 ** 36-INCH EACH	633.5200** MARKERS CULVERT END EACH
1	100+32	45' RT	924.93	3.73	1	--	1	--	--	--	--	--	--
2	99+60	87' RT	919.60	--	--	--	--	--	1	--	--	--	1
3	100+90	85' RT	924.74	3.43	1	--	1	--	--	--	--	--	--
4	101+10	100' RT	921.00	--	--	--	--	--	1	--	--	--	1
5	104+55	2.19' LT	925.98	3.04	--	1	--	2	--	--	--	--	--
6	104+55	76.43' RT	922.15	--	--	--	--	--	1	--	--	--	1
7	123+50	59.71 RT	953.34	--	--	--	--	--	--	1	--	--	1
8*	123+50	7.76' LT	958.08	6.09	--	1	--	2	--	--	--	--	--
9	123+50	87.09 LT	950.40	--	--	--	--	--	--	1	--	--	1
10*	135+00	9.38' LT	964.26	4.44	--	1	--	2	--	--	--	--	--
11	135+00	82.77' LT	958.34	--	--	--	--	--	--	1	--	--	1
12	146+05	8.0' LT	994.40	4.37	1	--	1	--	--	--	--	--	--
13	146+00	80.64' LT	987.80	--	--	--	--	--	1	--	--	--	1
14	147+20	0.0' LT	999.13	7.61	1	--	1	--	--	--	--	--	--
15	147+25	76' LT	994.44	4.44	--	1	--	2	--	--	--	--	--
16	146+00	75' LT	987.80	--	--	--	--	--	1	--	--	--	1
17*	167+50	5' LT	1030.73	2.5	--	1	--	2	--	--	--	--	--
18	167+50	27.5' RT	1027.64	--	--	--	--	--	1	--	--	--	1
19	172+75	70' LT	1026.93	3	--	1	--	2	--	--	--	--	--
20	174+75	80' LT	1021.93	--	--	--	--	--	--	1	--	--	1
21*	182+90	5' LT	1031.30	4.34	--	1	--	2	--	--	--	--	--
22	182+90	63' RT	1025.60	--	--	--	--	--	1	--	--	--	1
23	211+98	70' LT	1024.30	--	--	--	--	--	--	--	--	1	1
24*	211+98	8.56' LT	1029.04	5.94	--	1	--	2	--	--	--	--	--
25	211+98	70' RT	1021.90	--	--	--	--	--	--	--	--	1	1
26*	216+98	10' LT	1034.91	2.54	--	1	--	2	--	--	--	--	--
27	216+98	55' RT	1031.05	--	--	--	--	--	1	--	--	--	1
28	224+50	85.17' LT	1053.18	--	--	--	--	--	--	--	1	--	1
29	224+50	10' LT	1058.53	5.88	1	--	1	--	--	--	--	--	--
30	224+50	57.12' RT	1052.16	--	--	--	--	--	--	--	1	--	1
31	239+90	65' LT	1052.07	--	--	--	--	--	--	--	1	--	1
32	239+97	9' LT	1055.43	4.66	--	1	--	2	--	--	--	--	--
				STUBTOTAL	5	10	5	20	8	4	3	2	17

NOTE:
*SUMP LOCATION, PEAK THE GRATES ON THE INLET COVER
INLET OFFSETS ARE TO FLANGE LINE, EXCEPT DITCH INLET OFFSETS ARE TO PIPE INVERT
INLET DEPTHS ARE MEASURED FROM FLANGE LINE TO DISCHARGE INVERT
INLET ELEVATIONS ARE TO FLANGE LINE

NOTE:
**ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLAN

CATEGORY 0010

PROPOSED STORM SEWER STRUCTURES (CONTINUED)

STRUCT. NO.	STA.	LOCATION	GRATE ELEVATION	DEPTH FT	611.3253 INLETS 2.5 X 3-FT EACH	611.3902 INLET MEDIAN 2 GRATE EACH	611.0627 INLET COVERS TYPE HM EACH	611.0645 INLET COVERS TYPE MS-A EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 522.1018 ** 18-INCH EACH	522.1024 ** 24-INCH EACH	522.1030 ** 30-INCH EACH	522.1036 ** 36-INCH EACH	633.5200** MARKERS CULVERT END EACH
33	240+00	54' RT	1049.51	--	--	--	--	--	--	--	1	--	1
34	245+00	50' LT	1048.00	--	--	--	--	--	--	--	1	--	1
35*	245+00	10' LT	1052.54	5.74	--	1	--	2	--	--	--	--	--
36	245+00	60' RT	1045.40	--	--	--	--	--	--	--	1	--	1
37	247+85	18' LT	1052.58	4.16	1	--	1	--	--	--	--	--	--
38	247+85	62' RT	1046.80	--	--	--	--	--	1	--	--	--	1
39	252+98	10' LT	1049.72	2.25	1	--	1	--	--	--	--	--	--
40	252+98	49' RT	1046.88	--	--	--	--	--	1	--	--	--	1
41	92+50	62' RT	908.93	--	--	--	--	--	--	--	1	--	--
42	92+50	16' LT	910.25	6.00	--	--	--	--	--	--	--	--	--
43	92+50	68' LT	901.13	--	--	--	--	--	--	--	1	--	--
				SUBTOTAL	2	1	2	2	2	0	5	0	5
				TOTAL	7	11	7	22	10	4	8	2	22

NOTE:
*SUMP LOCATION, PEAK THE GRATES ON THE INLET COVER

INLET OFFSETS ARE TO FLANGE LINE, EXCEPT DITCH INLET OFFSETS ARE TO PIPE INVERT

INLET DEPTHS ARE MEASURED FROM FLANGE LINE TO DISCHARGE INVERT
INLET ELEVATIONS ARE TO FLANGE LINE

NOTE:
**ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLAN

CATEGORY 0010

INLET PROTECTION

ROADWAY	628.7005 TYPE A EACH	628.7010 TYPE B EACH	628.7015 TYPE C EACH	628.7020 TYPE D EACH
STH 50	11	1	7	9
UNDISTRIBUTED	3	1	2	2
TOTAL	14	2	9	11

LOCATION	SALVAGED INLET COVERS 611.9710 EACH	COVER PLATES TEMPORARY 611.8120.S EACH
STAGE 2		
STA 86+00 MEDIAN EB	1	2
TOTAL	1	2

CATEGORY 0020

LOCATION	ADJUSTING MANHOLE COVERS 611.8110 EACH
STA 281+81.6, 17.1' LT (SANITARY)	1
STA 281+93.8, 58.9 LT (WATER)	1
STA 282+71.1, 17.1' LT (SANITARY)	1
TOTAL	3

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010

PROPOSED STORM SEWER PIPES

PIPE	FROM STRUCTURE	TO STRUCTURE	INLET ELEV.	DISCHARGE ELEV.	PERCENT GRADE	STORM SEWER REINFORCED CONCRETE CLASS III 608.0318 18-INCH LF	608.0324 24-INCH LF	608.0336 36-INCH LF	STORM SEWER REINFORCED CONCRETE CLASS IV 608.0418 18-INCH LF	608.0424 24-INCH LF	608.0430 30-INCH LF
STAGE 2											
P-5	8	9	951.99	950.40	2.0%	--	--	--	--	79	--
P-6	10	11	959.82	958.34	2.0%	--	74	--	--	--	--
P-7	12	13	989.26	987.80	2.0%	--	--	--	73	--	--
P-8	14	15	993.92	993.16	1.0%	76	--	--	--	--	--
P-9	15	16	990.00	987.80	2.0%	--	110	--	--	--	--
P-11	19	20	1023.93	1021.93	1.0%	200	--	--	--	--	--
P-13	23	24	1024.30	1023.10	1.7%	--	--	70	--	--	--
P-16	28	29	1053.18	1052.65	0.7%	--	--	--	--	--	75
P-18	31	32	1052.07	1050.77	2.0%	--	--	--	--	--	65
P-20	34	35	1048.00	1046.80	2.0%	--	--	--	--	--	60
P-24	41	42	908.93	904.25	6.0%	--	--	--	--	--	78
					SUBTOTAL	276	184	70	73	79	278
STAGE 3											
P-1	1	2	921.20	919.60	2.0%	80	--	--	--	--	--
P-2	3	4	921.40	921.00	2.0%	20	--	--	--	--	--
P-3	5	6	922.94	922.15	1.0%	--	--	--	79	--	--
P-4	7	8	953.34	951.99	2.0%	--	--	--	--	67	--
P-10	17	18	1028.23	1027.64	1.0%	--	--	--	59	--	--
P-12	21	22	1026.96	1025.60	2.0%	68	--	--	--	--	--
P-14	24	25	1023.10	1021.90	1.7%	--	--	70	--	--	--
P-15	26	27	1032.37	1031.05	2.0%	--	--	--	65	--	--
P-17	29	30	1052.65	1052.16	0.7%	--	--	--	--	--	67
P-19	32	33	1050.77	1049.51	2.0%	--	--	--	--	--	63
P-21	35	36	1046.80	1045.40	2.0%	--	--	--	--	--	70
P-22	37	38	1048.42	1046.80	2.0%	80	--	--	--	--	--
P-23	39	40	1047.47	1046.88	1.0%	--	--	--	59	--	--
P-25	41	42	904.25	901.13	6.0%	--	--	--	--	--	52
					SUBTOTAL	248	0	70	262	67	252
					TOTAL	524	184	140	335	146	530

NOTE:
*** TIE LAST TWO JOINTS AT OUTFALL LOCATIONS, SEE SDD
INLET OFFSETS ARE TO FLANGE LINE, EXCEPT DITCH INLET OFFSETS ARE TO PIPE INVERT
INLET DEPTHS ARE MEASURED FROM FLANGE LINE TO DISCHARGE INVERT
INLET ELEVATIONS ARE TO FLANGE LINE

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010

CULVERT PIPES

LOCATION	INVERT ELEVATION	DISCHARGE ELEVATION	CULVERT PIPE REINFORCED CONCRETE CLASS III 522.0118 18-INCH LF	522.0124 24-INCH LF	522.0130 30-INCH LF	522.0136 36-INCH LF	522.0148 48-INCH LF	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 522.1018** 18-INCH EACH	522.1024** 24-INCH EACH	522.1030** 30-INCH EACH	522.1036** 36-INCH EACH	522.1048** 48-INCH EACH	203.0100** REMOVING SMALL PIPE CULVERTS EACH	633.5200** MARKERS CULVERT END EACH	SPV.0060 02** GRADING SLOPED ENDWALL AREA EACH
STH 50															
107+50	921.77	915.50	--	--	--	--	180	--	--	--	--	2	1	2	2
133+00	955.46	951.68	--	--	--	--	176	--	--	--	--	2	1	2	2
151+70	991.50	978.00	--	--	--	--	224	--	--	--	--	2	1	2	2
159+00	1009.10	1001.00	--	--	--	--	168	--	--	--	--	2	1	2	2
178+70	1015.44	1011.00	--	--	--	216	--	--	--	--	2	--	1	2	2
180+50	1017.00	1008.50	--	--	208	--	--	--	--	2	--	--	1	2	2
GENEVA ST.	921.00	919.60	--	--	128	--	--	--	--	2	--	--	1	2	2
KNOLL WOOD DR.															
10+60	946.74	943.27	144	--	--	--	--	2	--	--	--	--	1	2	2
RED CHIMNEY RD.															
20+80	965.57	963.18	136	--	--	--	--	2	--	--	--	--	1	2	2
ELGIN CLUB RD.															
10+56	996.03	993.45	--	136	--	--	--	--	2	--	--	--	1	2	2
CHAPIN RD.															
49+44	1027.20	1026.08	--	88	--	--	--	--	2	--	--	--	1	2	2
SNAKE RD.															
49+42	1041.31	1039.00	--	112	--	--	--	--	2	--	--	--	1	2	2
COACHMAN TERRACE															
20+80	1052.75	1051.59	--	104	--	--	--	--	2	--	--	--	1	2	2
SNAKE RD.	934.49	927.88	--	--	72	--	--	--	2	--	--	--	1	2	2
		TOTAL	280	440	408	216	748	4	10	4	2	8	14	28	28

NOTE:
**ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLAN

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010

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MISC CONCRETE ITEMS

ROADWAY	STATION	-	STATION	602.0410 CONCRETE SIDEWALK 5-INCH SF	620.0300 CONCRETE MEDIAN SLOPED NOSE SF	620.0100 CONCRETE CORRUGATED MEDIAN SF
GENEVA ST	100+20	-	128' RT	--	35	--
	101+70	-	35' RT	--	35	--
STH 50	99+32.26	-	99+39.26	--	125	--
	100+47	-	102+40	1,000	70	--
	110+75	-	112+68	770	70	--
	113+62	-	115+55	810	70	--
	117+87.46	-	119+80.46	830	70	--
	120+74.45	-	122+67.52	770	70	--
	125+49.46	-	127+42.46	760	70	--
	128+56.42	-	130+49.42	780	70	--
	136+35	-	138+28	770	70	--
	139+22	-	141+15	770	70	--
	144+20	-	146+13	770	70	--
	147+17	-	149+10	770	70	--
	153+25	-	155+18	770	70	--
	156+12	-	158+05	770	70	--
	161+85	-	163+78	770	70	--
	164+72	-	166+65	770	70	--
	171+15	-	173+08	770	70	--
	174+12	-	176+05	770	70	--
	185+80	-	187+73	770	70	--
	188+67	-	194+43	2,950	140	--
	195+37	-	200+87	2,700	140	--
	201+76	-	206+53	2,150	140	--
	207+47	-	209+40	790	70	--
	221+07	-	223+00	770	70	--
	224+34	-	226+27	770	70	--
	231+45	-	233+38	770	70	--
	234+32	-	236+25	770	70	--
	245+93	-	247+86	770	70	--
	248+77.50	-	248+84.50	--	125	--
	253+16	-	255+45	--	--	1,430
	86+00	-	50' LT	--	84	--
TOTAL				26,630	2,504	1,430

CONCRETE CURB & GUTTER

MEDIAN OPENING	STATION	-	STATION	601.0557 6-INCH SLOPED 36-INCH TYPE D LF
	98+87.26	-	99+39.26	105
	100+40	-	104+50	820
	109+64.41	-	112+75	620
	113+55	-	119+87.46	1,270
	120+67.45	-	127+49.46	1,370
	128+49.42	-	131+57.68	620
	135+27.28	-	138+35	615
	139+15	-	146+20	1,410
	147+10	-	155+25	1,630
	156+05	-	159+14	620
	160+75.90	-	163+85	620
	164+65	-	167+87.50	645
	170+05.91	-	173+15	620
	174+05	-	177+14.09	620
	184+70.91	-	187+80	620
	188+60	-	194+50	1,180
	195+30	-	200+94	1,130
	201+69	-	206+60	985
	207+40	-	210+49.09	620
	219+97.91	-	223+07	620
	224+27	-	227+36.09	620
	230+35.91	-	233+45	620
	234+25	-	237+34.09	620
	244+83.91	-	247+93	620
	248+77.50	-	253+16	880
			SUBTOTAL	20,100
INTERSECTIONS - STAGE 2				
	GENEVA RESORT ENTRANCE			165
	RED CHIMNEY RD			145
	S. COMO RD			145
	SUNSET BLVD			130
	SCHOFIELD RD			165
	COACHMAN TERRACE			110
	FOREST ST			295
			SUBTOTAL	1,155
INTERSECTIONS - STAGE 3				
	GENEVA ST			630
	KNOLLWOOD DR			145
	CISCO RD			145
	ELGIN CLUB RD			150
	CHAPIN RD			125
	SNAKE RD			160
	SNAKE RD (EAST)			215
			SUBTOTAL	1,570
			TOTAL	22,825

CONCRETE CURB & GUTTER

MEDIAN	601.0576 4-INCH SLOPED 30-INCH TYPE J LF
STAGE 4A	
STA 86+00 - 87+00 EB	100
STA 86+00 - 82+45 WB	645
TOTAL	745

LOCATION	690.0150 SAWING ASPHALT LF
STAGE 1	
STH 50	315
SUBTOTAL	315
STAGE 2	
STH 50	28,900
SIDEROADS	170
DRIVEWAYS	410
SUBTOTAL	29,480
STAGE 3	
STH 50	4,740
SIDEROADS	240
DRIVEWAYS	305
SUBTOTAL	5,285
TOTAL	35,080

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3

EROSION CONTROL

DESCRIPTION	STATION	-	STATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINT. LF	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EA	606.0100 RIPRAP LIGHT CY	606.0300 RIPRAP HEAVY CY	645.0120 GEOTEXTILE FABRIC TYPE HR SY	645.0130 GEOTEXTILE FABRIC TYPE R SY	628.1104 EROSION BALES EA
STH 50	92+35	-	127+50	1,261	1,261	90	12	11	--	--	36	--
	127+50	-	146+00	813	813	110	4	11	--	--	36	--
	146+00	-	160+00	510	510	30	6	5	--	--	12	105
	160+00	-	190+00	740	740	--	13	12	--	--	42	--
	190+00	-	210+00	--	--	10	21	2	--	--	6	--
	210+00	-	230+00	--	--	10	14	6	--	--	18	--
	230+00	-	250+00	--	--	10	9	6	--	--	18	--
	250+00	-	270+00	--	--	--	6	2	--	--	6	--
	270+00	-	284+30	--	--	--	2	--	111	213	--	--
	UNDISTRIBUTED			831	831	65	22	14	28	53	44	--
			TOTAL	4,155	4,155	325	109	69	139	266	218	105

LOCATION				201.0110 CLEARING SY	201.0210 GRUBBING SY
STAGE 2					
STH 50	96+00	-	122+67.52	211	211
	144+20	-	258+00	172	172
	258+00	-	284+35	100	100
			SUBTOTAL	483	483
STAGE 3					
STH 50	96+00	-	122+67.52	1,173	1,173
	144+20	-	258+00	352	352
	258+00	-	284+35	596	596
			SUBTOTAL	2,121	2,121
			TOTAL	2,604	2,604

LANDSCAPING

DESCRIPTION	STATION	-	STATION	625.0100 TOPSOIL SY	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.2004 EROSION MAT TYPE I CLASS B SY	629.0205 FERTILIZER TYPE A CWT	630.0110 SEEDING MIXTURE NO. 10 LB	630.0200 SEEDING TEMPORARY LB
STH 50	100+50	-	127+50	--	14,315	13,235	1,080	9.02	193	387
	129+00	-	146+00	--	10,750	10,352	398	6.77	145	290
	147+50	-	152+50	--	1,260	1,170	90	0.79	17	34
	168+84	-	173+00	--	1,315	1,315	--	0.83	18	36
	174+50	-	186+00	--	3,250	3,250	--	2.05	44	88
	193+50	-	208+50	--	1,670	1,670	--	1.05	23	45
	209+50	-	231+50	--	3,335	2,890	445	2.10	45	90
	236+50	-	246+00	--	1,200	1,200	--	0.76	16	32
	86+00	-	92+45	357	--	357	--	0.22	5	10
	UNDISTRIBUTED			--	9,274	8,771	503	5.84	125	250
			TOTAL	357	46,369	44,210	2,516	29.43	631	1,262

FRENCH DRAIN ITEMS

LOCATIONS	QUANTITY	311.0110** BREAKER RUN TON	645.0112 GEOTEXTILE FABRIC TYPE DF SCHEDULE B SY
UNDISTRIBUTED	--	625	2,475
15" ENDWALL	1	--	--
18" ENDWALL	9	--	--
24" ENDWALL	7	--	--
30" ENDWALL	5	--	--
36" ENDWALL	2	--	--
48" ENDWALL	4	--	--
	TOTAL	625	2,475

NOTE:
**ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLAN

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010

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3

TRAFFIC CONTROL

	643.0300 TRAFFIC CONTROL DRUMS	643.0420 TRAFFIC CONTROL BARRICADES TYPE III	643.0500 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS	643.0600 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C	643.0900 TRAFFIC CONTROL SIGNS	643.1050 TRAFFIC CONTROL SIGNS PCMS
	DAY	DAY	EA	EA	DAY	DAY	DAY	DAY
STAGE 1	1,200	80	--	--	160	100	200	20
STAGE 2	22,800	6,840	400	400	5,480	3,040	12,920	20
STAGE 3	17,700	4,370	400	400	3,540	2,360	8,740	20
STAGE 4	13,200	930	--	--	1,850	550	2,560	20
TOTAL	54,900	12,220	800	800	11,030	6,050	24,420	80

CONSTRUCTION STAKING

PROJECT	650.4000 STORM SEWER EA	650.4500 SUBGRADE LF	650.5500 CURB GUTTER & CURB AND GUTTER LF	650.6000 PIPE CULVERTS EA	650.8000 RESURFACING REFERENCE LF	650.9910 SUPPLEMENTAL CONTROL (PROJECT) LS	650.9920 SLOPE STAKES LF
STH 50	32	2,055	23,570	6	37,670	1	10,654
GENEVA ST	--	--	630	1	--	--	--
KNOLLWOOD DR	--	110	145	1	200	--	110
CISCO RD	--	85	145	--	200	--	85
GENEVA RESORT ENTRANCE	--	80	165	--	--	--	80
RED CHIMNEY RD	--	75	145	1	200	--	75
S. COMO RD	--	105	145	--	200	--	105
ELGIN CLUB RD	--	125	150	1	200	--	125
SUNSET BLVD	--	150	130	--	200	--	150
CHAPIN RD	--	170	125	1	200	--	170
SCHOFIELD RD	--	125	165	--	200	--	125
SNAKE RD	--	120	160	1	200	--	120
COACHMAN TERRACE	--	65	110	1	--	--	65
FOREST ST	--	--	295	--	--	--	--
SNAKE RD(EAST)	--	--	215	1	--	--	--
TOTAL	32	3,265	26,295	14	39,470	1	11,864

	TEMPORARY PAVEMENT MARKING				
	646.0600 REMOVING PAVEMENT MARKING LF	649.0200 REFLECTIVE PAINT 4-INCH LF	649.0400 REMOVABLE TAPE 4-INCH LF	649.0701 8-INCH LF	649.1700 ARROWS EACH
STAGE 1	750	100	3,100	150	--
STAGE 2	6,750	44,000	7,700	725	8
STAGE 3	750	59,800	7,710	475	6
STAGE 4	1,750	--	1,000	--	--
TOTAL	10,000	103,900	19,510	1,350	14

	CONCRETE BARRIER TEMPORARY PRECAST	
	603.8000 DELIVERED LF	603.8125 INSTALLED LF
STAGE 1	--	--
STAGE 2	1,600	1,600
STAGE 3	400	400
STAGE 4	--	--
TOTAL	2,000	2,000

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010

	PAVEMENT MARKING							
	GROOVED PREFORMED PLASTIC TAPE		GROOVED WET REFLECTIVE TAPE			EPOXY 4-INCH		
	4-INCH DOUBLE YELLOW SPV.0090.02	18 - INCH STOP LINE SPV.0090.03	4-INCH SKIPS 646.0881.S	8-INCH 646.0883.S	8-INCH SKIPS 646.0883.S	WHITE 646.0106	YELLOW 646.0106	DOUBLE YELLOW 646.0106
LOCATION	LF	LF	LF	LF	LF	LF	LF	LF
STH 50								
EAST BOUND	8,160	--	5030	4500	360	18,340	10,500	700
WEST BOUND	8,160	--	4780	4750	--	19,520	10,600	--
GENEVA ST	--	20	--	1,200	--	550	--	550
KNOLLWOOD DR	--	30	--	--	--	170	--	170
CISCO RD	--	35	--	--	--	150	--	150
RED CHIMNEY RD	--	28	--	--	--	--	--	--
S. COMO RD	--	37	--	--	--	170	--	170
ELGIN CLUB RD	--	35	--	--	--	200	--	200
SOUTH END RD	--	15	--	--	--	--	--	--
SUNSET BLVD	--	25	--	--	--	270	--	270
CHAPIN RD	--	20	--	--	--	254	--	254
SCHOFIELD RD	--	30	--	--	--	210	--	210
SNAKE RD(WEST)	--	30	--	--	--	200	--	200
COACHMAN TERRACE	--	27	--	--	--	--	--	--
FOREST ST	--	30	--	--	--	66	--	66
SNAKE RD(EAST)	--	20	--	--	--	50	--	50
PEARSON DR	--	30	--	--	--	--	--	--
SUBTOTALS	16,320	412	9810	10450	360	40,150	21,100	2,990
TOTAL	16,320	412	9,810	10,810		64,240		

NOTE: ALL ITEMS ON THIS SHEET ARE PAID UNDER CATEGORY 0010

	PAVEMENT MARKING						
	CURB EPOXY	ISLAND NOSE EPOXY	DIAGONAL EPOXY 12-INCH		CONCRETE CORRUGATED	GROOVED PREFORMED THERMOPLASTIC ARROWS	RAISED PAVEMENT MARKERS
	YELLOW	YELLOW	WHITE	YELLOW	MEDIAN EPOXY	TYPE 5	MARKERS
	647.0456	647.0606	647.0726	647.0726	647.0856	SPV.0060.03	SPV.0060.01
LOCATION	LF	EACH	LF	LF	SF	EACH	EACH
STH 50							
STA 83+00 - 86+00	--	--	--	140	--	--	--
STA 95+00 - 97+00 WB	--	--	--	--	--	2	--
STA 283+00 - 288+30	--	--	--	130	--	--	--
STA 253+16 - 255+45	--	--	--	--	620	--	--
STA 253+00 - 284+00	--	--	--	--	--	--	124
STH 50 MEDIAN							
STA 86+00	10	1	--	--	--	--	--
GENEVA ST	20	2	--	--	--	--	--
STA 113+15	20	2	--	--	--	--	--
KNOLL WOOD DR	20	2	--	--	--	--	--
CISCO RD	20	2	--	--	--	--	--
RED CHIMNEY RD	20	2	--	--	--	--	--
S.COMO RD	20	2	--	--	--	--	--
STA 155+65	20	2	--	--	--	--	--
STA 164+30	20	2	--	--	--	--	--
SUNSET BLVD	20	2	--	--	--	--	--
STA 188+10	20	2	--	--	--	--	--
STA 194+90	20	2	--	--	--	--	--
SCHOFIELD RD	20	2	--	--	--	--	--
STA 207+00	20	2	--	--	--	--	--
COACHMAN TERRACE	20	2	--	--	--	--	--
STA 233+90	20	2	--	--	--	--	--
STA 248+30	20	2	--	--	--	--	--
SIDE ROAD							
GENEVA ST	10	--	95	--	--	--	--
SUBTOTALS	340	33	95	270	620	2	124
TOTAL	340	33	365		620	2	124

TYPE II PERMANENT SIGNING - CATEGORY CODE 0010

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W	x	H	637.0202 SIGNS REFLC TYPE II	638.2602 REM SIGNS TYPE II	638.3000 REM SMALL SIGN SUP	634.0618 WOOD POSTS 4"X 6"x18'	634.0620 WOOD POSTS 4"X 6"x20'	638.2102 MOVE SIGNS TYPE II	
1001	W4-2L(3)	--	36	x	36	9.00	1	1	1	--	--	--
1002	W4-2L(3)	--	36	x	36	9.00	1	1	1	--	--	--
1003	R4-7(3)	--	36	x	48	12.00	1	1	1	--	--	--
1004	D9-2(3)	--	36	x	36	9.00	1	1	1	--	--	--
	MB6-1	--	30	x	30	6.25	--	--	--	--	--	--
1005	W1-2R(3)	--	36	x	36	9.00	--	--	1	--	--	--
1006	R6-2L(2M)	--	30	x	36	7.50	1	1	1	--	--	--
1007	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1008	W3-5(3)	--	36	x	36	9.00	1	1	1	--	--	--
1009	W9-2	--	--	x	--	--	--	1	1	--	--	--
1010	R6-2L(2M)	--	30	x	36	7.50	1	1	1	--	--	--
1011	W9-1L(3)	--	36	x	36	9.00	1	1	1	--	--	--
1012	W9-1L(3)	--	36	x	36	9.00	1	1	1	--	--	--
1013	R5-1A(3)	--	42	x	30	8.75	1	1	1	--	--	--
1014	J4-1(3)	--	36	x	54	13.50	--	--	1	--	--	--
	M3-4	--	36	x	18	--	--	--	--	--	--	--
	M1-6	STH 50	36	x	36	--	--	--	--	--	--	--
1015	R5-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1016	R12-1(2S)	--	24	x	30	5.00	1	1	1	--	--	--
1017	W3-5(3)	--	36	x	36	9.00	1	1	1	--	--	--
1018	J3-1(2S)	--	24	x	57	9.50	1	1	1	--	--	--
	M3-1	--	24	x	12	--	--	--	--	--	--	--
	M1-6	STH 50	24	x	24	--	--	--	--	--	--	--
	M6-2	--	21	x	21	--	--	--	--	--	--	--
1019	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
	R6-3(3)	--	30	x	24	5.00	--	--	--	--	--	--
1020	J3-1(2S)	--	24	x	57	9.50	1	1	1	--	--	--
	M3-4	--	24	x	12	--	--	--	--	--	--	--
	M1-6	STH 50	24	x	24	--	--	--	--	--	--	--
	M6-1	--	21	x	21	--	--	--	--	--	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W	x	H	637.0202 SIGNS REFLC TYPE II	638.2602 REM SIGNS TYPE II	638.3000 REM SMALL SIGN SUP	634.0618 WOOD POSTS 4"X 6"x18'	634.0620 WOOD POSTS 4"X 6"x20'	638.2102 MOVE SIGNS TYPE II	
1021	W4-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1022	R5-1A	--	--	x	--	--	1	1	--	--	--	--
1023	J4-1(3)	--	36	x	54	13.50	--	--	1	--	--	SHEET 2
	M3-2	--	36	x	18	--	--	--	--	--	--	--
	M1-6	STH 50	36	x	36		--	--	--	--	--	--
1024	R1-2(3)	--	--	x	--	--	1	1	--	--	--	--
1025	W9-1L(3)	--	36	x	36	9.00	1	1	1	--	--	--
1026	D1-1(3)	GENEVA ST W/ARROW	96	x	21	14.00	1	2	2	--	--	--
1027	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1028	R2-1	55 MPH	--	x	--	--	1	1	--	--	--	SHEET 1
1029	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1030	R4-7(2M)	--	24	x	30	5.00	1	1	1	--	--	--
1031	R6-1L(2M)	--	54	x	18	6.75	1	1	--	--	--	MOUNT ABOVE STOP SIGN
1032	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
	R6-3(3)	--	30	x	24	5.00	--	--	--	--	--	--
1033	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1034	R5-1(3)	--	36	x	36	9.00	--	--	1	--	--	--
1035	R5-1A	--	--	x	--	--	1	1	--	--	--	--
1036	W12-1D(2S)	--	24	x	24	4.00	--	--	1	--	--	SHEET 1
1037	R5-1(3)	--	36	x	36	9.00	--	--	1	--	--	SHEET 5
1038	R5-1A(3)	--	42	x	30	8.75	--	--	1	--	--	--
1039	R5-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1040	R1-1(3)	--	36	x	36	7.46	2	1	1	--	--	--
	R6-3(3)		30	x	24	5.00	--	--	--	--	--	--
1041	R6-1L(2M)	--	54	x	18	6.75	1	1	--	--	--	MOUNT ABOVE STOP SIGN
1042	R5-1A(3)	--	42	x	30	8.75	--	--	1	--	--	--
1043	R4-7(2M)	--	24	x	30	5.00	1	1	1	--	--	--
1044	R6-1L(2M)	--	54	x	18	6.75	1	1	--	--	--	MOUNT ABOVE STOP SIGN
1045	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
	R6-3(3)	--	30	x	24	5.00	--	--	--	--	--	--

TYPE II PERMANENT SIGNING - CATEGORY CODE 0010

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W	x	H	637.0202 SIGNS REFLC TYPE II	638.2602 REM SIGNS TYPE II	638.3000 REM SMALL SIGN SUP	634.0618 WOOD POSTS 4"X6"x18'	634.0620 WOOD POSTS 4"X6"x20'	638.2102 MOVE SIGNS TYPE II	
1046	R4-7(2M)	--	24	x	30	5.00	1	1	1	--	--	--
1047	R5-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1048	R5-1A(3)	--	42	x	30	8.75	1	1	1	--	--	--
1049	W11-3	--	--	x	--	--	1	1	--	--	--	--
1050	W11-3	--	--	x	--	--	1	1	--	--	--	--
1051	R5-1A(3)	--	42	x	30	8.75	1	1	1	--	--	--
1052	R5-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1053	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
	R6-3(3)	--	30	x	24	5.00	--	--	--	--	--	--
1054	R6-2R	--	--	x	--	--	1	1	--	--	--	--
1055	R6-1L(2M)	--	54	x	18	6.75	1	1	--	--	--	MOUNT ABOVE STOP SIGN
1056	R6-2L(2M)	--	30	x	36	7.50	1	1	1	--	--	--
1057	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
	R6-3(3)	--	30	x	24	5.00	--	--	--	--	--	--
1058	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1059	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1060	R5-1(3)	--	36	x	36	9.00	--	--	1	--	--	--
1061	R5-1A(3)	--	42	x	30	8.75	1	1	1	--	--	--
1062	R6-1L(2M)	--	54	x	18	6.75	1	1	--	--	--	MOUNT ABOVE STOP SIGN
1063	R6-2R	--	--	x	--	--	1	1	--	--	--	--
1064	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
	R6-3(3)	--	30	x	24	5.00	--	--	--		--	
1065	R4-7(2M)	--	24	x	30	5.00	1	1	1	--	--	--
1066	R5-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1067	R6-2R(2S)	--	24	x	30	5.00	1	1	1	--	--	--
1068	R5-1A(3)	--	42	x	30	8.75	1	1	1	--	--	--
1069	R6-2L(2M)	--	30	x	36	7.50	1	1	1	--	--	--
1070	R5-1A(3)	--	42	x	30	8.75	1	1	1	--	--	--
1071	R5-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1072	R4-7(2M)	--	24	x	30	5.00	1	1	1	--	--	--

TYPE II PERMANENT SIGNING - CATEGORY CODE 0010

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W	x	H	637.0202 SIGNS REFLC TYPE II	638.2602 REM SIGNS TYPE II	638.3000 REM SMALL SIGN SUP	634.0618 WOOD POSTS 4"X 6"x18'	634.0620 WOOD POSTS 4"X 6"x20'	638.2102 MOVE SIGNS TYPE II	
1073	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
	R6-3(3)	--	30	x	24	5.00	--	--	--	--	--	--
1074	R6-2R	--	--	x	--	--	1	1	--	--	--	--
1075	R6-1L(2M)	--	54	x	18	6.75	1	1	--	--	--	MOUNT ABOVE STOP SIGN
1076	R4-7(2M)	--	24	x	30	5.00	1	1	1	--	--	--
1077	R6-2L(2M)	--	30	x	36	7.50	1	1	1	--	--	--
1078	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1079	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1080	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1081	W2-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1082	W2-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1083	R5-1A	--	--	x	--	--	1	1	--	--	--	--
1084	R6-2L(2M)	--	30	x	36	7.50	1	1	1	--	--	--
1085	--	ADOPT A HIGHWAY	--	x	--	--	--	1	1	--	1	--
1086	R1-1(2S)	--	30	x	30	5.18	1	1	1	--	--	--
1087	R7-1D(3)	--	24	x	30	5.00	1	1	1	--	--	--
1088	R5-1(3)	--	36	x	36	9.00	2	1	1	--	--	--
1089	R1-1(3)	--	36	x	36	7.46	2	1	1	--	--	--
	R6-3(3)	--	30	x	24	5.00	--	--	--	--	--	--
1090	R7-53D(2S)	--	18	x	18	2.25	1	1	1	--	--	--
1091	R4-7(2M)	--	24	x	30	5.00	1	1	1	--	--	--
1092	R4-7(2M)	--	24	x	30	5.00	1	1	1	--	--	--
1093	R5-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1094	R5-1A(3)	--	42	x	30	8.75	1	1	1	--	--	--
1095	R7-1D(3)	--	24	x	30	5.00	1	1	1	--	--	--
1096	R7-1L(2M)	--	24	x	30	5.00	1	1	1	--	--	--
1097	R5-1A(3)	--	42	x	30	8.75	1	1	1	--	--	--
1098	R1-1(2S)	--	30	x	30	5.18	1	1	1	--	--	--
1099	R6-2R(2S)	--	24	x	30	5.00	1	1	1	--	--	--
1100	R5-1(3)	--	36	x	36	9.00	1	1	1	--	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W	x	H	637.0202 SIGNS REFLC TYPE II	638.2602 REM SIGNS TYPE II	638.3000 REM SMALL SIGN SUP	634.0618 WOOD POSTS 4"X 6"x18'	634.0620 WOOD POSTS 4"X 6"x20'	638.2102 MOVE SIGNS TYPE II	
1101	R7-1D(2S)	--	18	x	24	3.00	1	1	1	--	--	--
1102	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
	R6-3(3)	--	30	x	24	5.00	--	--	--	--	--	--
1103	R6-2R	--	--	x	--	--	2	1	--	--	--	--
1104	R6-1L(2M)	--	54	x	18	6.75	1	1	--	--	--	MOUNT ABOVE STOP SIGN
1105	--	ADOPT A HIGHWAY	--	x	--	--	--	1	1	--	1	--
1106	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1107	R6-2L(2M)	--	30	x	36	7.50	--	--	1	--	--	--
1108	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1109	R6-2L(2M)	--	30	x	36	7.50	--	--	1	--	--	--
1110	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1111	R2-1(3)	55 MPH	36	x	48	12.00	--	--	1	--	--	--
	S5-2(3)	--	36	x	42	10.50	--	--	--	--	--	--
1112	W11-3	--	--	x	--	--	1	1	--	--	--	--
1113	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1114	S1-1(3)	--	36	x	36	6.75	3	--	--	--	--	POST AND BEACON BELONG TO CITY
	WF16-9P(3)		30	x	18	3.75	--	--	--	--	--	POST AND BEACON BELONG TO CITY
	R2-6P(3)		36	x	24	6.00	--	--	--	--	--	POST AND BEACON BELONG TO CITY
1115	J2-1(2M)	--	24	x	60	10.00	1	1	1	--	--	--
	MR2-1	--	21	x	15	--	--	--	--	--	--	--
	MR1-99		24	x	24	--	--	--	--	--	--	--
	MR6-1		21	x	21	--	--	--	--	--	--	--
1116	S4-51(3)	45 MPH	36	x	72	18.00	--	--	1	--	--	--
1117	S3-51	--	--	x	--	--	--	1	1	--	1	--
1118	R6-2L(2M)	--	30	x	36	7.50	--	--	1	--	--	--
1119	W11-3	--	--	x	--	--	1	1	--	--	--	--
1120	W11-3	--	--	x	--	--	1	1	--	--	--	--
1121	R5-1A(3)	--	42	x	30	8.75	1	1	1	--	--	--
1122	J4-1(3)	--	36	x	54	13.50	1	1	1	--	--	--
	M3-4		36	x	18	--	--	--	--	--	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W	x	H	637.0202 SIGNS REFLC TYPE II	638.2602 REM SIGNS TYPE II	638.3000 REM SMALL SIGN SUP	634.0618 WOOD POSTS 4"X6"x18'	634.0620 WOOD POSTS 4"X6"x20'	638.2102 MOVE SIGNS TYPE II	
	M1-6	STH 50	36	x	36	--	--	--	--	--	--	--
1123	R6-1L(2M)	--	54	x	18	6.75	1	1	--	--	--	MOUNT ABOVE STOP SIGN
1124	R6-2R	--	--	x	--	--	1	1	--	--	--	--
1125	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
	R6-3(3)	--	30	x	24	5.00	--	--	--	--	--	--
1126	R2-1(2S)	35 MPH	24	x	30	5.00	1	1	1	--	--	--
1127	LOCAL SIGNS	CRIME STOPPERS/PARKING REG.	--	x	--	--	--	--	--	--	2	--
1128	R4-7(2M)	--	24	x	30	5.00	1	1	1	--	--	--
1129	R4-7(2M)	--	24	x	30	5.00	1	1	1	--	--	--
1130	R5-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1131	R5-1A(3)	--	42	x	30	8.75	1	1	1	--	--	--
1132	S3-51	--	--	x	--	--	--	1	1	--	1	--
1133	R6-2L(2M)	--	30	x	36	7.50	--	--	1	--	--	--
1134	R1-1(3)	--	36	x	36	7.46	2	1	1	--	--	--
	R6-3(3)	--	30	x	24	5.00	--	--	--	--	--	
1135	R5-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1136	S4-51(3)	45 MPH	36	x	72	18.00	--	--	1	--	--	--
1137	S1-1(3)	--	36	x	36	6.75	3	--	--	--	--	POST AND BEACON BELONG TO CITY
	WF16-9P(3)		30	x	18	3.75	--	--	--	--	--	POST AND BEACON BELONG TO CITY
	R2-6P(3)		36	x	24	6.00	--	--	--	--	--	POST AND BEACON BELONG TO CITY
1138	J2-1(2M)	--	24	x	60	10.00	1	1	1	--	--	--
	MR2-1	--	21	x	15	--	--	--	--	--	--	--
	MR1-99		24	x	24	--	--	--	--	--	--	--
	MR6-1		21	x	21	--	--	--	--	--	--	--
1139	R6-2R	--	--	x	--	--	1	1	--	--	--	--
1140	R3-53R(2S)	--	24	x	30	5.00	--	--	1	--	--	--
1141	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
1142	R5-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1143	J3-1	RUSTIC ROAD ASSEMBLY	--	x	--	--	--	1	1	--	1	--
1144	R6-2R	--	--	x	--	--	1	1	--	--	--	--

FILE NAME : J:\PROJECTS\D2_31700050|SIGN\030201_MQ PLOT DATE : 10/8/2012 7:58:28 AM PLOT BY : MSCKVW PLOT SCALE : 1:1

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W	x	H	637.0202 SIGNS REFLC TYPE II	638.2602 REM SIGNS TYPE II	638.3000 REM SMALL SIGN SUP	634.0618 WOOD POSTS 4"X 6"x18'	634.0620 WOOD POSTS 4"X 6"x20'	638.2102 MOVE SIGNS TYPE II	
1145	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
	R6-3(3)	--	30	x	24	5.00	--	--	--	--	--	--
1146	J1-1	RUSTIC ROAD ASSEMBLY	--	x	--	--	--	1	1	--	1	--
1147	R6-1L(2M)	--	54	x	18	6.75	1	1	--	--	--	MOUNT ABOVE STOP SIGN
1148	J4-1(3)	--	36	x	54	13.50	1	1	1	--	--	--
	M3-2		36	x	18	--	--	--	--	--	--	--
	M1-6		36	x	36	--	--	--	--	--	--	--
1149	R2-1(3)	55 MPH	36	x	48	12.00	--	--	--	1	--	--
	S5-2(3)		36	x	42	10.50	--	--	--	--	--	--
1150	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1151	R6-2L(2M)	--	30	x	36	7.50	--	--	1	--	--	--
1152	R4-7(2M)	--	24	x	30	5.00	1	1	1	--	--	--
1153	R6-2R(2S)	--	24	x	30	5.00	--	--	1	--	--	--
1154	R5-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1155	R5-1A(3)	--	42	x	30	8.75	1	1	1	--	--	--
1156	R1-1(3)	--	36	x	36	7.46	2	1	1	--	--	--
	R6-3A(3)	--	30	x	24	5.00	--	--	--	--	--	--
1157	R5-1(3)	--	36	x	36	9.00	--	--	1	--	--	--
1158	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1159	R5-1A(3)	--	42	x	30	8.75	1	1	1	--	--	--
1160	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1161	R6-2L(2M)	--	30	x	36	7.50	--	--	1	--	--	--
1162	R5-1(3)	--	36	x	36	9.00	--	--	1	--	--	--
1163	R1-1(3)	--	36	x	36	7.46	--	--	1	--	--	--
1164	R3-53R(2S)	--	24	x	30	5.00	--	--	1	--	--	--
1165	R6-2R(2S)	--	24	x	30	5.00	--	--	1	--	--	--
1166	R6-2L(2M)	--	30	x	36	7.50	--	--	1	--	--	--
1167	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1168	R5-1(3)	--	36	x	36	9.00	--	--	1	--	--	--
1169	R5-1A	--	--	x	--	--	1	1	--	--	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W	x	H	637.0202 SIGNS REFLC TYPE II	638.2602 REM SIGNS TYPE II	638.3000 REM SMALL SIGN SUP	634.0618 WOOD POSTS 4"X 6"x18'	634.0620 WOOD POSTS 4"X 6"x20'	638.2102 MOVE SIGNS TYPE II	
1170	R5-1(3)	--	36	x	36	9.00	--	--	1	--	--	--
1171	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
1172	R6-2L(2M)	--	30	x	36	7.50	--	--	1	--	--	--
1173	W3-5(3)	45 MPH	36	x	36	9.00	2	1	1	--	--	--
1174	W3-5(3)	45 MPH	36	x	36	9.00	--	--	1	--	--	--
1175	R6-2R	--	--	x	--	--	1	1	--	--	--	--
1176	R4-7(3)	--	36	x	48	12.00	1	1	1	--	--	--
1177	R5-1(3)	--	36	x	36	9.00	--	--	1	--	--	--
1178	R2-1(3)	55 MPH	36	x	48	12.00	1	1	--	--	--	MOUNT ON SAME POST AS #1177 (BACK)
1179	R2-1(3)	55 MPH	36	x	48	12.00	--	--	1	--	--	--
1180	R5-1A	--	--	x	--	--	1	1	--	--	--	--
1181	R4-7(2M)	--	24	x	30	5.00	--	--	1	--	--	--
	W5-54(2M)	--	18	x	18	2.25	--	--	--	--	--	--
1182	W6-2(2M)	--	36	x	36	9.00	--	--	1	--	--	SHEET 10
1183	R2-1(3)	45 MPH	36	x	48	12.00	1	1	1	--	--	--
1184	R5-1A	--	--	x	--	--	1	1	--	--	--	--
1185	R6-2L(2M)	--	30	x	36	7.50	1	1	1	--	--	--
1186	R2-1(3)	45 MPH	36	x	48	12.00	1	1	1	--	--	--
1187	R2-1(3)	45 MPH	36	x	48	12.00	--	--	1	--	--	--
1188	R6-2L(2M)	--	30	x	36	7.50	--	--	1	--	--	--
1189	NOT USED	--	--	x	--	--	--	--	--	--	--	--
1190	R6-2R	--	--	x	--	--	1	1	--	--	--	--
1191	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
1192	R5-1(3)	--	36	x	36	9.00	--	--	1	--	--	--
1193	R2-1	--	--	x	--	--	1	1	--	--	--	--
1194	R2-1	--	--	x	--	--	1	1	--	--	--	--
1195	W6-1(2M)	--	36	x	36	9.00	--	--	1	--	--	--
1196	W9-1R(3)	--	36	x	36	9.00	1	1	1	--	--	--
1197	R2-1(3)	45 MPH	36	x	48	12.00	1	1	1	--	--	--
1198	J2-1(2M)	--	24	x	60	10.00	1	1	1	--	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W	x	H	637.0202 SIGNS REFLC TYPE II	638.2602 REM SIGNS TYPE II	638.3000 REM SMALL SIGN SUP	634.0618 WOOD POSTS 4"X 6"x18'	634.0620 WOOD POSTS 4"X 6"x20'	638.2102 MOVE SIGNS TYPE II	
	MR2-1	--	21	x	15	--	--	--	--	--	--	--
	MR1-99		24	x	24	--	--	--	--	--	--	--
	MR6-1		21	x	21	--	--	--	--	--	--	--
1199	W11-3	--	--	x	--	--	1	1	--	--	--	--
1200	D2-3	HWY 67/WILLIAMS BAY/DELAVAN	--	x	--	--	--	2	--	2	1	--
1201	J4-1	WEST STH 50	--	x	--	--	--	1	1	--	1	--
1202	--	SPEED LIMIT 45	--	x	--	--	--	1	1	--	1	--
1203	--	ADOPT A HIGHWAY	--	x	--	--	--	1	1	--	1	--
1204	R6-2L	--	--	x	--	--	1	1	--	--	--	--
1205	R6-2R	--	--	x	--	--	1	1	--	--	--	--
1206	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
1207	R5-1(3)	--	36	x	36	9.00	1	1	1	--	--	--
1208	R59-51(2M)	--	36	x	36	9.00	1	1	1	--	--	--
1209	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
1210	W4-2R(3)	--	48	x	48	16.00	1	1	1	--	--	--
1211	12-3(3)	LAKE GENEVA POPULATION, 7,651	84	x	24	14.00	1	2	2	--	--	--
1212	W6-2(2M)	--	36	x	36	9.00	1	1	1	--	--	--
1213	R4-7(2M)	--	24	x	30	5.00	2	1	1	--	--	--
	W5-54(2M)	--	18	x	18	2.25	--	--	--	--	--	--
1214	R5-1A	--	--	x	--	--	1	1	--	--	--	--
1215	R5-1(3)	--	36	x	36	9.00	--	--	1	--	--	--
1216	R1-1(3)	--	36	x	36	7.46	1	1	1	--	--	--
1217	R6-2R	--	--	x	--	--	1	1	--	--	--	--
1218	R6-2L	--	--	x	--	--	1	1	--	--	--	--
1219	R2-1(2S)	35 MPH	24	x	30	5.00	1	1	1	--	--	--
1220	LOCAL SIGN	RADAR PATROLLED	--	x	--	--	--	--	--	--	1	--
1221	NOT USED	--	--	x	--	--	--	--	--	--	--	--
1222	J4-1(2S)	--	24	x	36	6.00	--	--	--	--	--	--
	M3-2	--	24	x	12	--	--	--	--	--	--	--
	M1-6	STH 50	24	x	24	--	--	--	--	--	--	--

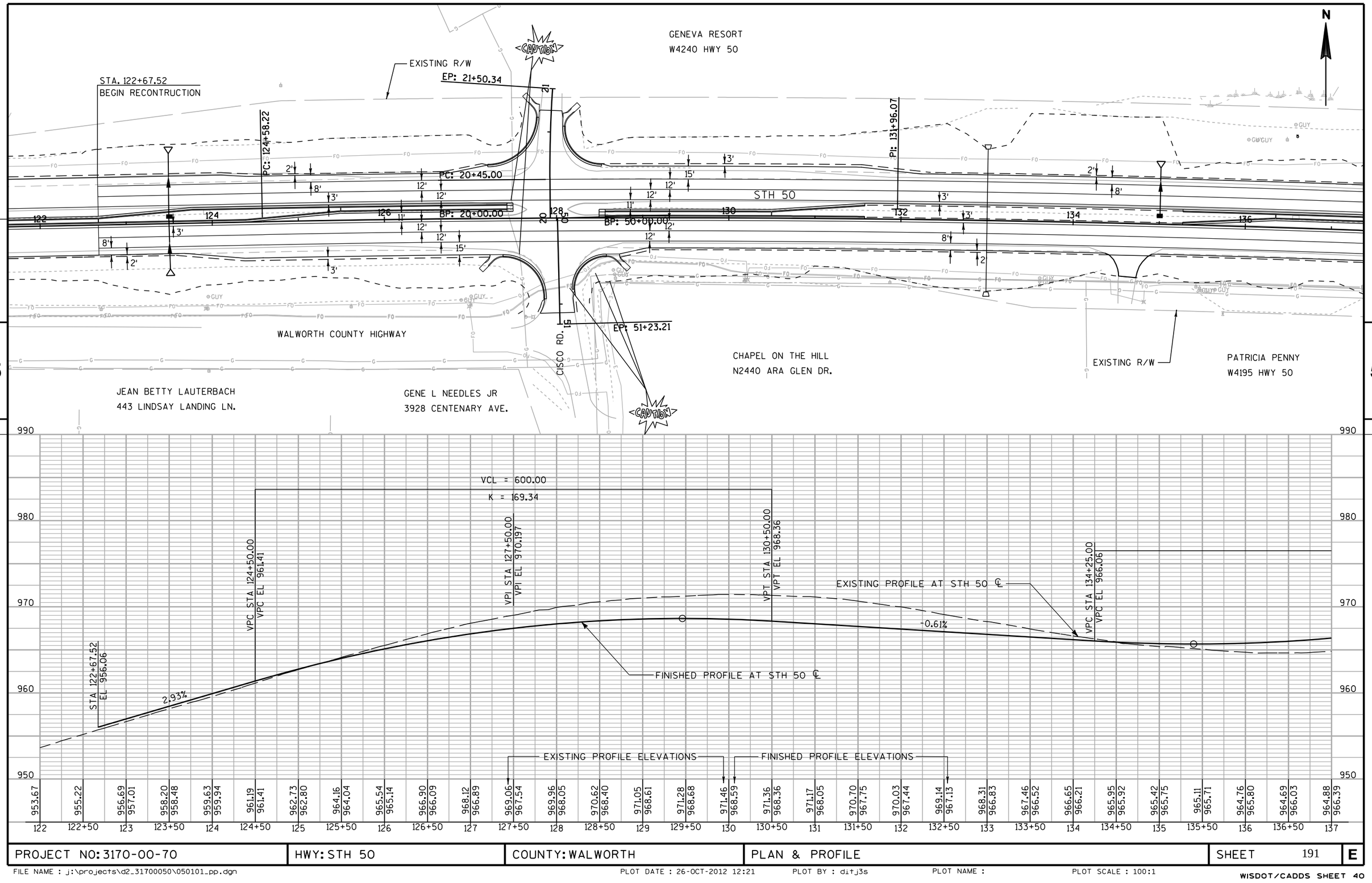
TYPE II PERMANENT SIGNING - CATEGORY CODE 0010

3170-00-70 STH 50

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W	x	H	**637.0202** SIGNS REFLC TYPE II	**638.2602** REM SIGNS TYPE II	**638.3000** REM SMALL SIGN SUP	**634.0618** WOOD POSTS 4"X6"x18'	**634.0620** WOOD POSTS 4"X6"x20'	**638.2102** MOVE SIGNS TYPE II	
1223	D1-1(3)	GENEVA ST W/ARROW	96	x	21	14.00	1	2	2	--	--	SHEET 1
1224	R2-1(3)	55 MPH	36	x	48	12.00	--	--	1	--	--	SHEET 1
1225	R6-2L(2M)	--	24	x	30	5.00	--	--	1	--	--	SHEET 2
1226	R2-1(3)	55 MPH	36	x	48	12.00	--	--	1	--	--	SHEET 1
1227	W4-2R(3)	--	36	x	36	9.00	--	--	1	--	--	SHEET 1
1228	R5-1A(3)	--	42	x	30	8.75	--	--	--	--	--	SHEET 11
1229	R5-1(3)	--	36	x	36	9.00	--	--	1	--	--	SHEET 11
1230	NOT USED	--	--	x	--	--	--	--	--	--	--	--
1231	R7-1R(3)	--	24	x	30	5.00	1	1	1	--	--	SHEET 6
1232	R6-2L(2M)	--	30	x	36	7.50	1	1	1	--	--	SHEET 6
						1600.06	163	164	184	3	13	

SHEET 10 OF 10

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES – PERMANENT SIGNING	SHEET: 190	E



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN & PROFILE	SHEET 191	E

FILE NAME : j:\projects\d2_31700050\050101_pp.dgn PLOT DATE : 26-OCT-2012 12:21 PLOT BY : ditj3s PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 40

GENEVA RESORT
W4240 HWY 50

ROBERT A. HANSEN TRUST
N2525 S. COMO RD.

EXISTING R/W

STA. 144+20.00
END RECONTRUCTION

EP: 12+00.00

PT: 11+58.91

PC: 145+08.19

PC: 10+85.94

EP: 21+17.52

PI: 139+33.40

RED CHIMNEY RD.

S. COMO RD.

BP: 20+00.00

BP: 10+00.00

BP: 10+00.00

STH 50

WINDWOOD LN.

REPLACE 18-INCH CULVERT PIPE (60 LF)
STA 141+50

DEAN L. GRIFFITH TRUST

LOT 1
MARLENE F. CONROY
W4132 BUTTERNUT LN.

LOT 2
CHARLES E. OBLIGATO
W4122 BUTTERNUT LN.

LOT 3
CHRISTOPHER D. MEISNER
W4106 BUTTERNUT LN.

ELGIN CLUB RD.

EP: 11+50.00

EXISTING R/W

PI: 151+26.57

N

5

5

990

980

970

960

950

4.45%

EXISTING PROFILE AT STH 50 ℄

FINISHED PROFILE AT STH 50 ℄

VCL = 950.00
K = 187.58

VPT STA 143+75.00
VPT EL 984.29

STA 144+25.00
EL 986.52

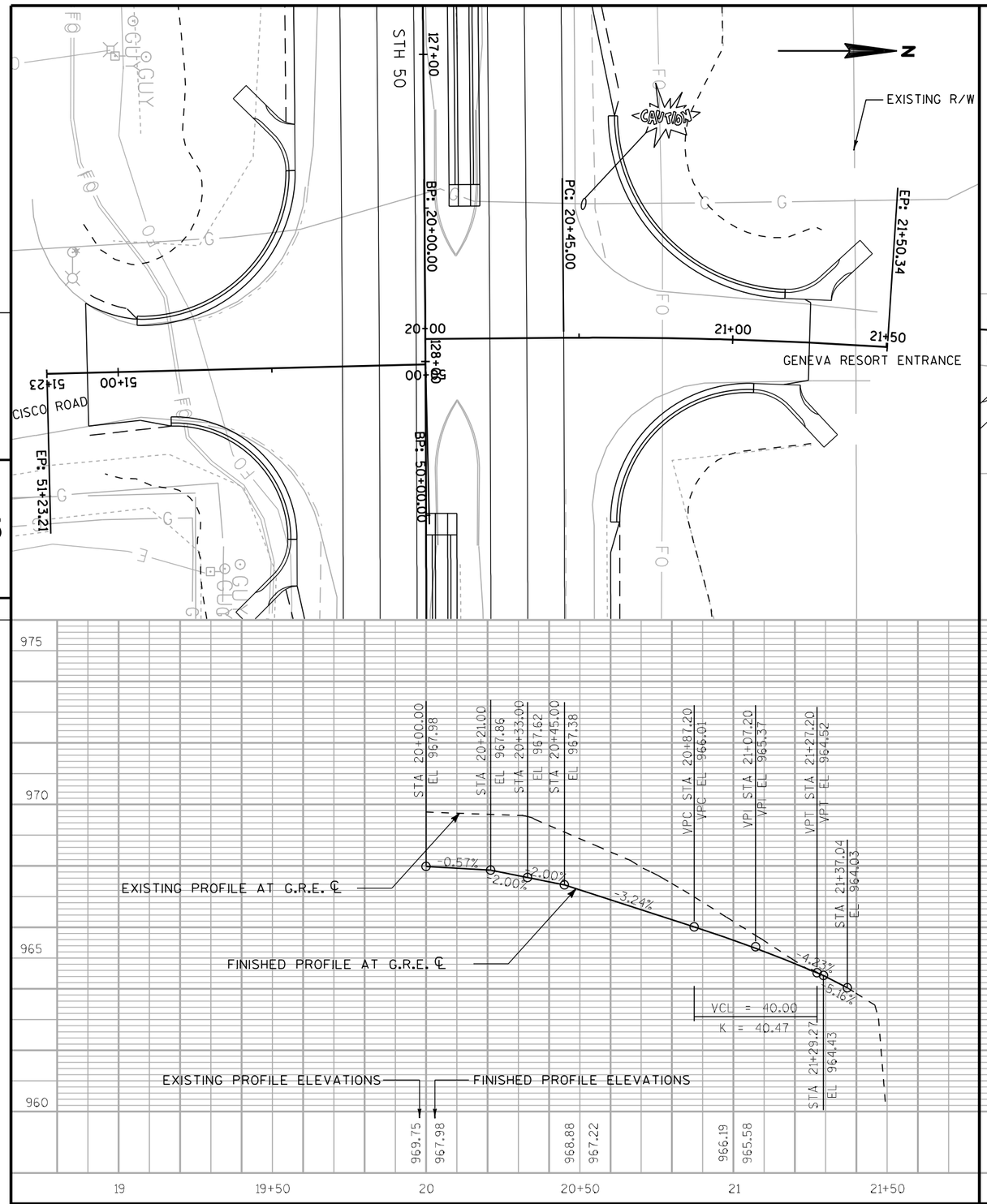
VPI STA 139+00.00
VPI EL 963.149

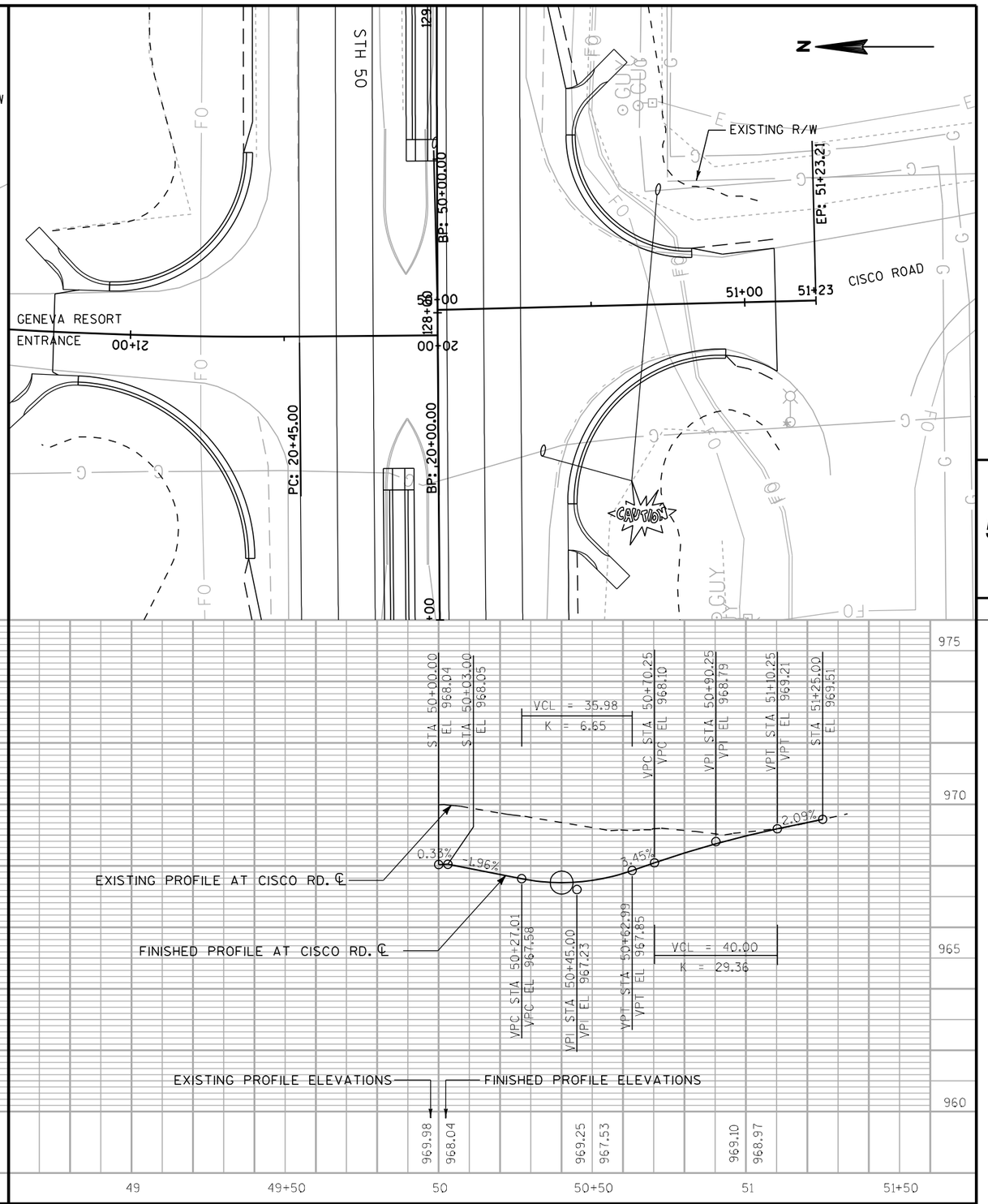
EXISTING PROFILE ELEVATIONS

FINISHED PROFILE ELEVATIONS

964.88	965.30	965.84	966.47	967.32	968.56	969.70	971.03	972.53	974.26	976.17	978.31	980.53	982.85	985.14	987.38	989.62	991.86	993.99	996.22	998.00	999.78	1001.25	1002.58	1003.82	1004.81	1005.54	1006.07	1006.50	1006.96	1007.25
966.39	966.88	967.51	968.27	969.16	970.19	971.35	972.64	974.07	975.63	977.32	979.15	981.11	983.20	985.41																	
137	137+50	138	138+50	139	139+50	140	140+50	141	141+50	142	142+50	143	143+50	144	144+50	145	145+50	146	146+50	147	147+50	148	148+50	149	149+50	150	150+50	151	151+50	152

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN & PROFILE	SHEET 192	E

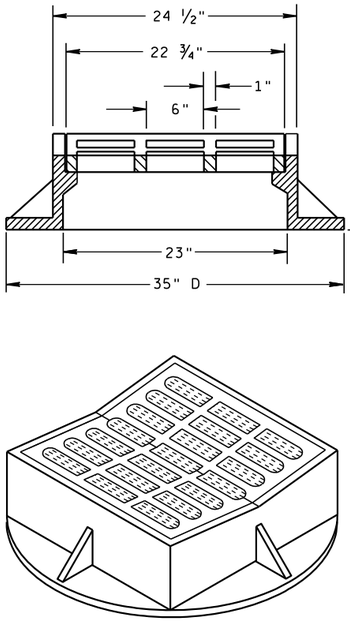


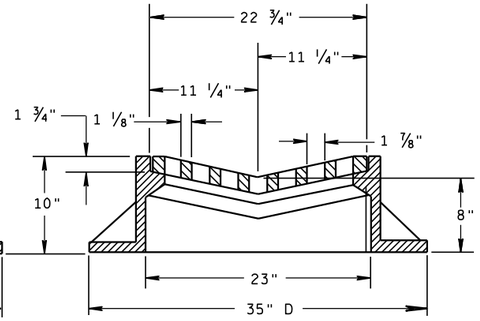


PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	PLAN & PROFILE	SHEET 193	E

Standard Detail Drawing List

08A05-16B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-18C	INLET COVERS TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S
08C07-01	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
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
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-07	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09A01-12A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
11B01-05	CONCRETE CORRUGATED MEDIAN
11B02-02	CONCRETE MEDIAN NOSE
14B07-13A	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-13B	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-13C	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-13D	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-13E	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-13F	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-13G	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-13H	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
15A03-01	MARKER POSTS, FLEXIBLE, FOR CULVERT END
15C03-01	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-01	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C07-12C	PAVEMENT MARKING ARROWS
15C08-14A	PAVEMENT MARKING (MAINLINE)
15C08-14B	PAVEMENT MARKING (INTERSECTIONS)
15C08-14E	PAVEMENT MARKING (LEFT TURN LANE)
15C08-14F	PAVEMENT MARKING (ISLANDS, STOP LINE & CROSS WALK)
15C11-05	FLEXIBLE TUBULAR MARKER POST, ANCHOR & BASES
15C12-03	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C18-03	MEDIAN ISLAND MARKING
15C19-01C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C21-04	SIGNING AND MARKING FOR TWO LANE TO FOUR LANE DIVIDED TRANSITIONS
15D06-02	TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION
15D09-02	TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT
15D11-03	TRAFFIC CONTROL, SINGLE LANE CROSSOVER
15D12-02	TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H.
15D23-01	TRAFFIC CONTROL, INTERSECTION WITHIN TWO LANE CLOSURE

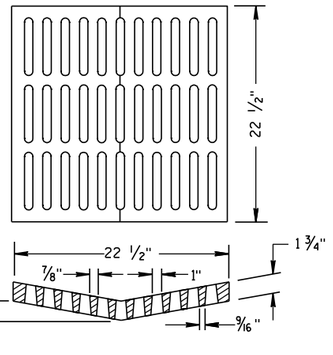




TYPE "B"

(APPROXIMATE WEIGHT 395 LBS.)

FRAME..... 285 LBS.
GRATE..... 110 LBS.

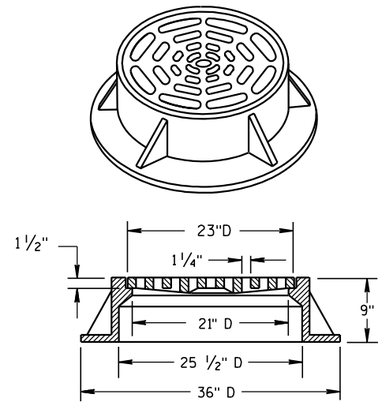


ALTERNATIVE GRATE FOR TYPE "B" COVER

(APPROXIMATE GRATE WEIGHT 125 LBS.)
GRATE.....125 LBS.

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.

NOTED AS TYPE B-A ON THE DRAINAGE TABLE



TYPE "C"

(APPROXIMATE WEIGHT 340 LBS.)

FRAME..... 235 LBS.
GRATE..... 105 LBS.

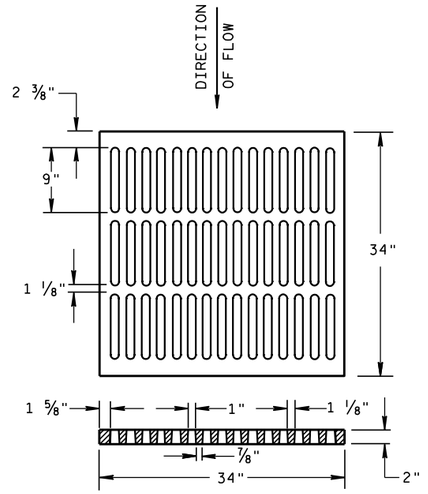
GENERAL NOTES

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.

THE ACTUAL WEIGHT OF COVERS MAY VARY WITHIN 5 PERCENT, PLUS OR MINUS, OF THE APPROXIMATE WEIGHT.

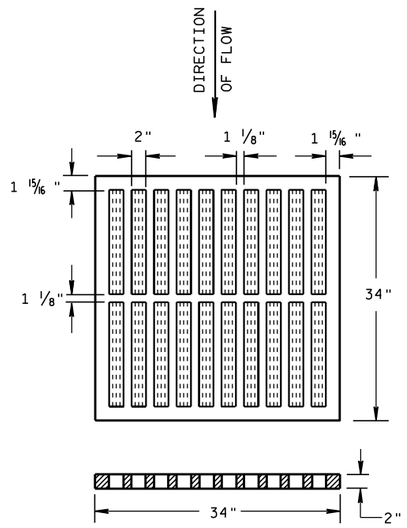


ALTERNATIVE TYPE "MS"

(APPROXIMATE GRATE WEIGHT 365 LBS.)
GRATE.....365 LBS.

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED

NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

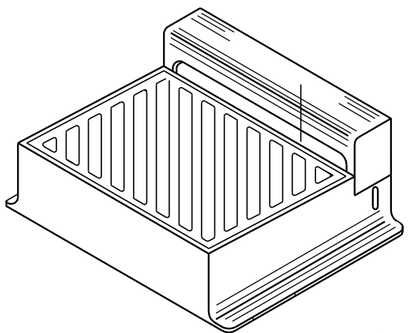


TYPE "MS"

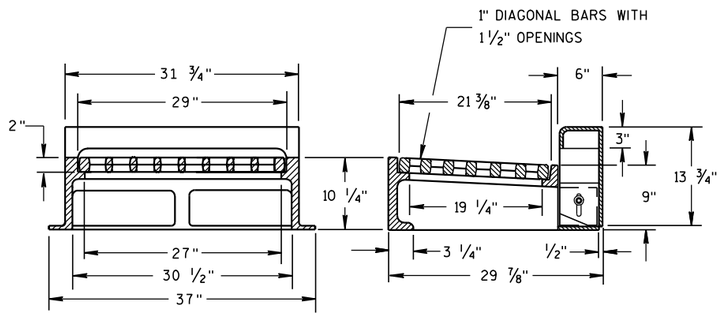
(APPROXIMATE GRATE WEIGHT 270 LBS.)
GRATE.....270 LBS.

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"

(APPROXIMATE WEIGHT 670 LBS.)

FRAME..... 360 LBS.
GRATE..... 160 LBS.
CURB BOX..... 150 LBS.

INLET COVERS
TYPE B, B-A, C, MS, MS-A, & WM

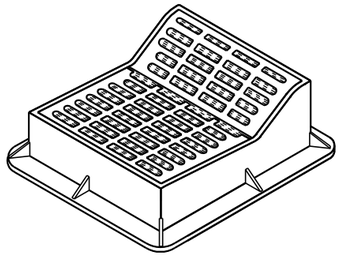
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

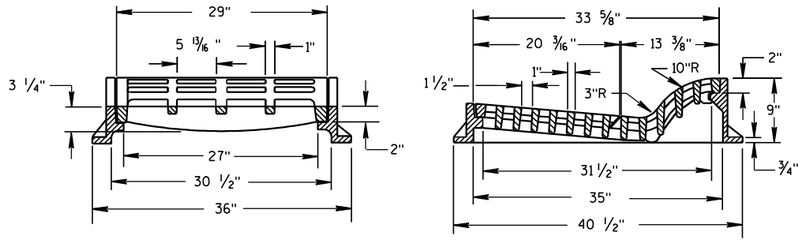
APPROVED

10/4/1999
DATE

/S/ Rory L. Rhinehart
CHEIF ROADWAY DEVELOPMENT ENGINEER

FHWA



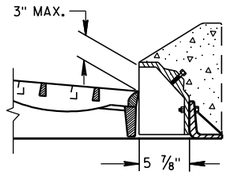


TYPE "F"

(APPROXIMATE WEIGHT 644 LBS.)

FRAME.....302 LBS.
GRATE.....160 LBS.
GRATE.....182 LBS.

USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.



ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

(APPROXIMATE WEIGHT CURB BOX 68 LBS.)

USE WITH TYPES G & J CONCRETE CURB & GUTTER, 30 INCH
NOTED AS TYPE HM-GJ ON DRAINAGE TABLE

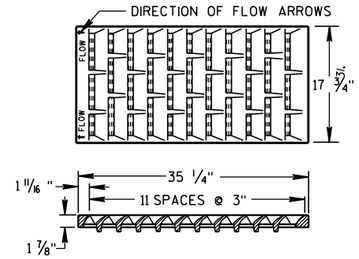
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM-GJ" COVER
NOTED AS TYPE HM-GJ-S ON DRAINAGE TABLE

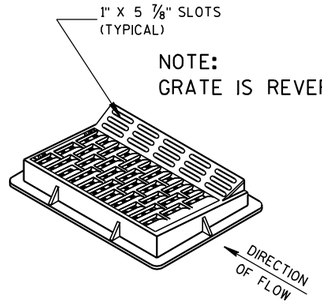
GENERAL NOTES

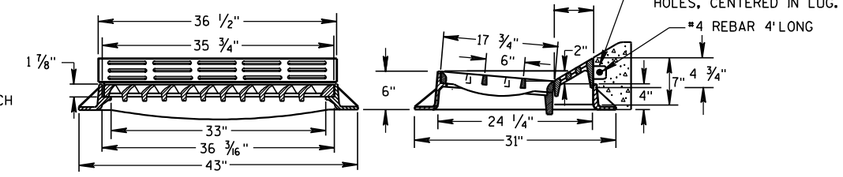
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

THE ACTUAL WEIGHT OF COVERS MAY VARY WITHIN 5 PERCENT, PLUS OR MINUS, OF THE APPROXIMATE WEIGHT.





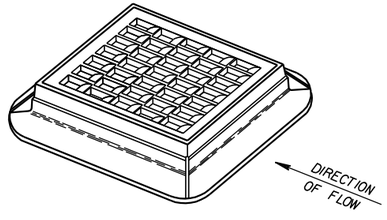


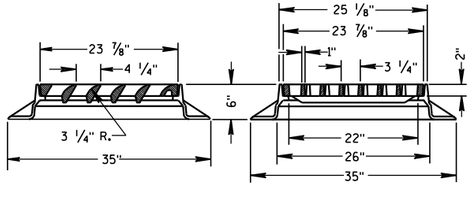
TYPE "HM"

(APPROXIMATE WEIGHT 414 LBS.)
FRAME..... 181 LBS.
GRATE..... 159 LBS.
CURB BOX..... 74 LBS.

USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.

NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM" COVER
NOTED AS TYPE HM-S ON DRAINAGE TABLE

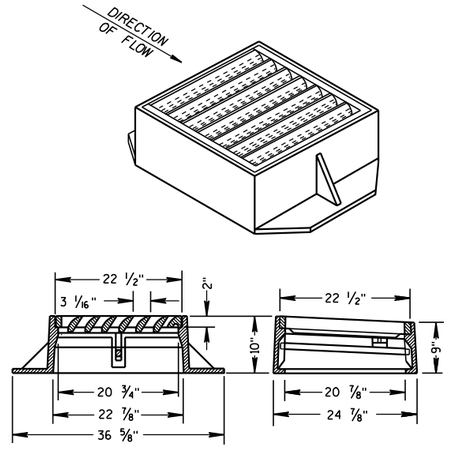




TYPE "S"

(APPROXIMATE WEIGHT 333 LBS.)

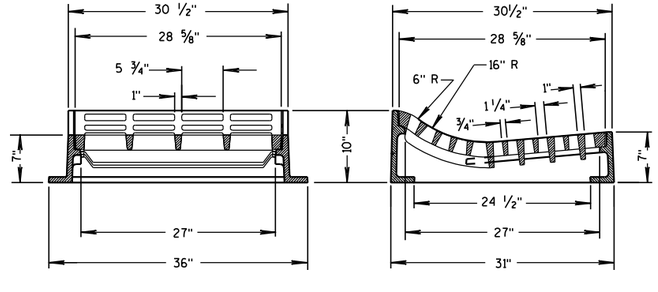
FRAME.....164 LBS.
GRATE..... 169 LBS.



TYPE "V"

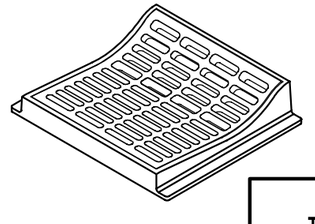
(APPROXIMATE WEIGHT 410 LBS.)

FRAME..... 269 LBS.
GRATE..... 136 LBS.
SAFETY BAR..... 5 LBS.



TYPE "T"

(APPROXIMATE WEIGHT 530 LBS.)
FRAME.....270 LBS.
GRATE.....260 LBS.
USE WITH TYPES R & T CONCRETE CURB & GUTTER, 36 INCH.



INLET COVERS TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

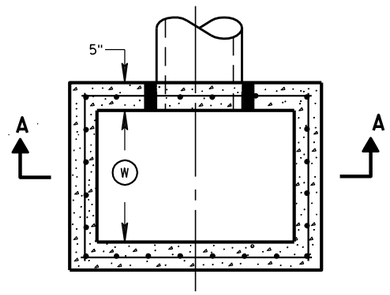
APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

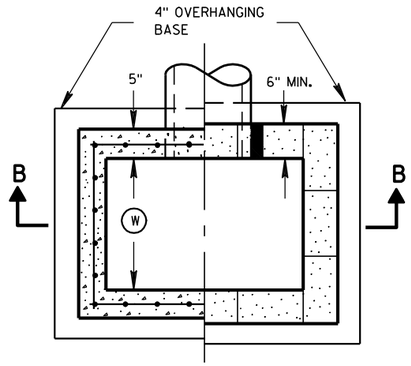
S.D.D. 8 A 5-18c

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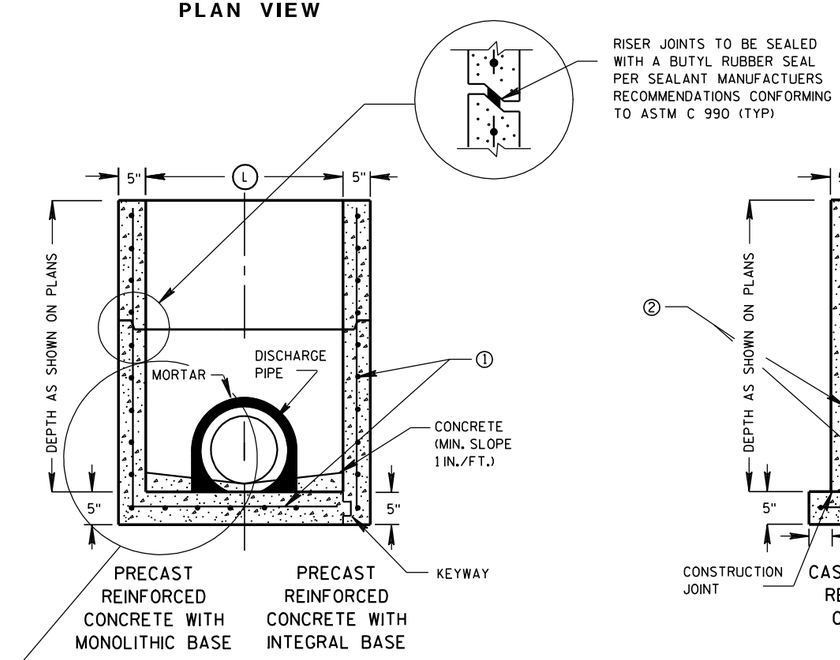
S.D.D. 8 A 5-18c



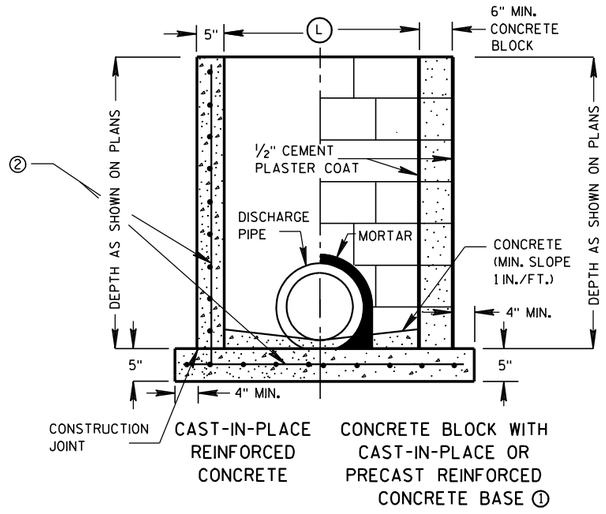
PLAN VIEW



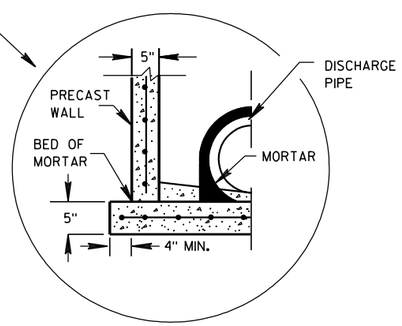
PLAN VIEW



SECTION A-A



SECTION B-B



SEPERATE PRECAST REINFORCED CONCRETE BASE OPTION

GENERAL NOTES

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

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

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

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPERATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

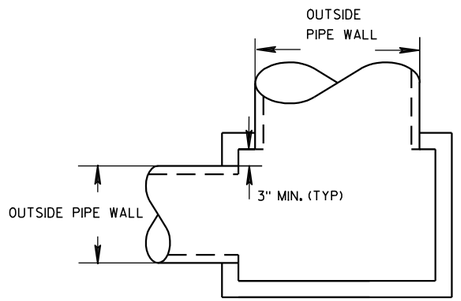
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



DETAIL "A"

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

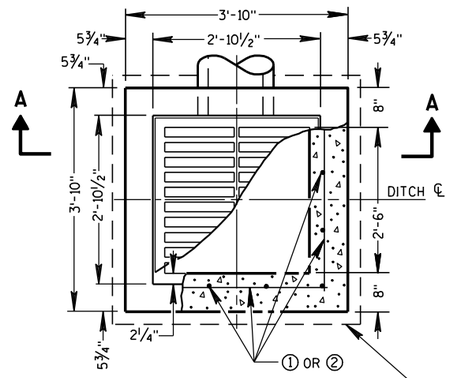
APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zoda — ROADWAY STANDARDS D ENGINEER
FHWA

6

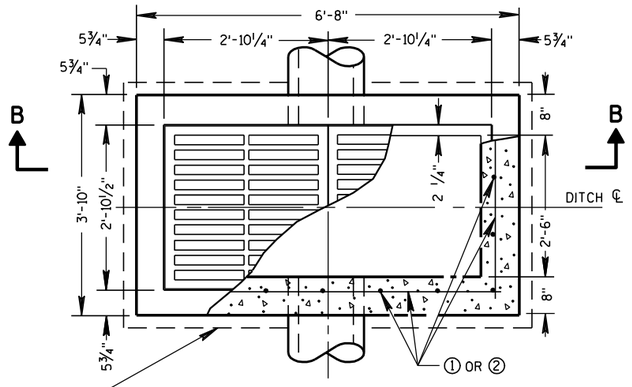
S.D.D. 8 C 7-1

6

S.D.D. 8 C 7-1

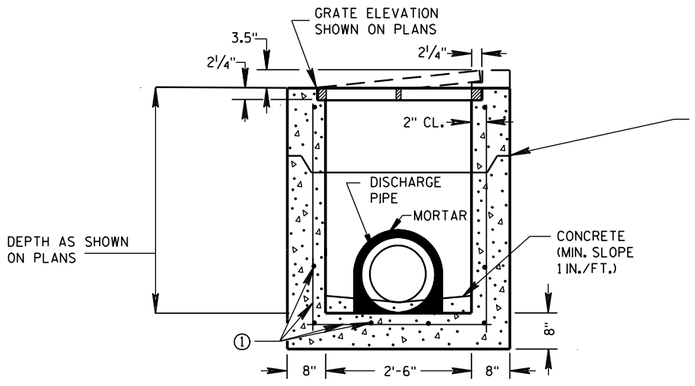


PLAN VIEW

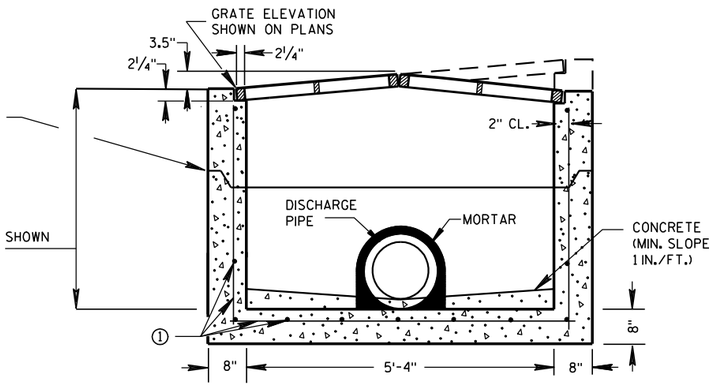


PLAN VIEW

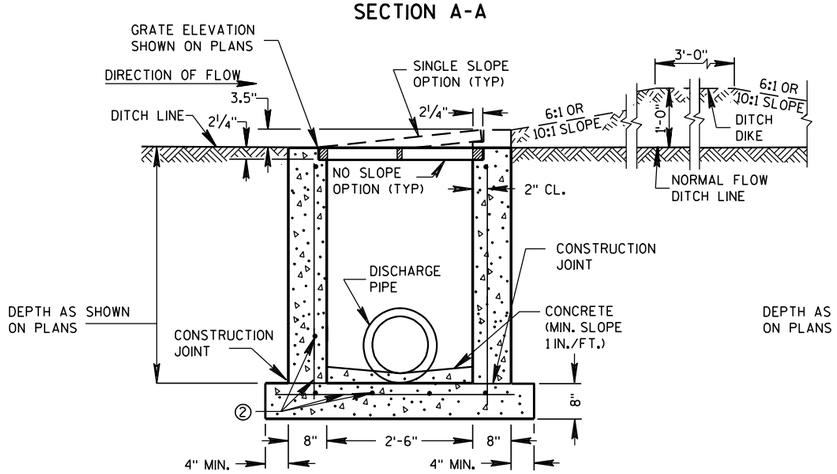
4" OVERHANGING BASE ON REINFORCED CAST-IN-PLACE CONCRETE INLETS



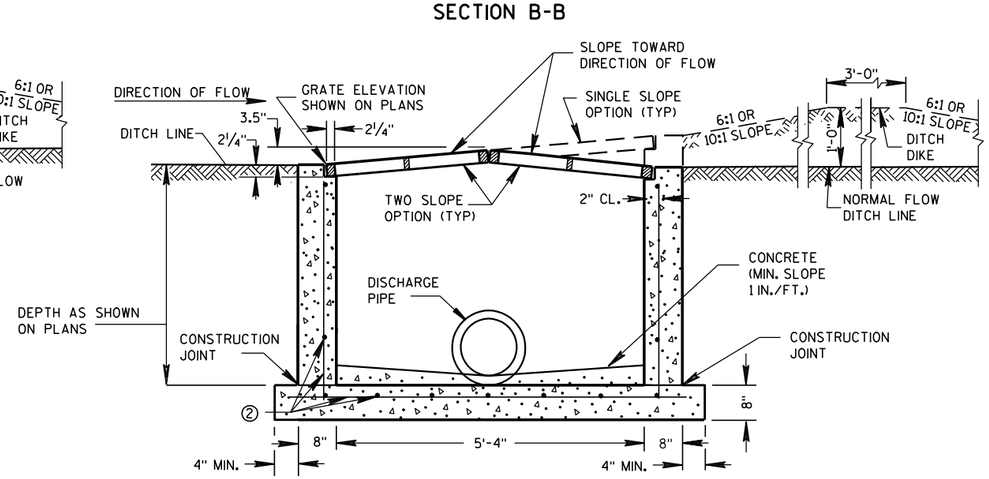
PRECAST REINFORCED CONCRETE SECTION A-A



PRECAST REINFORCED CONCRETE SECTION B-B



REINFORCED CAST-IN-PLACE CONCRETE SECTION A-A



REINFORCED CAST-IN-PLACE CONCRETE SECTION B-B

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.

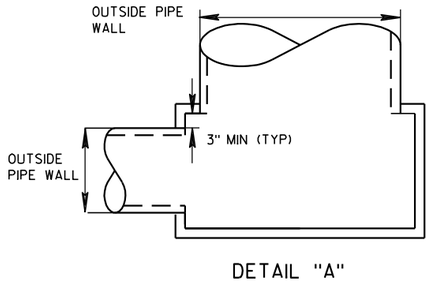
MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

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.

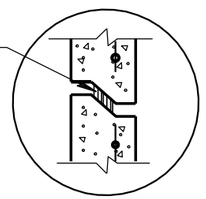
PIPE MATRIX

	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 GRATE

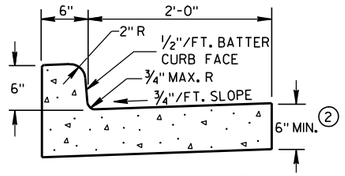
INLETS MEDIAN 2 GRATE

INLETS MEDIAN 1 AND 2 GRATE

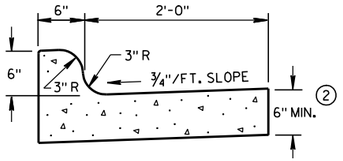
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

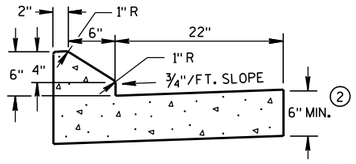
6
S.D.D. 8 C 8-1



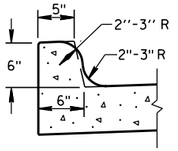
TYPES A & D (1)



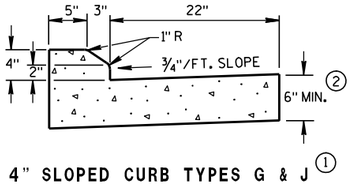
TYPES K & L (1)



6" SLOPED CURB TYPES G & J (1)

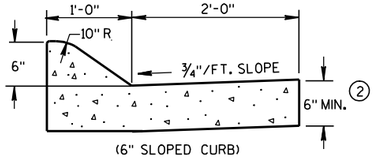


OPTIONAL CURB SHAPE FOR TYPES K & L (1)

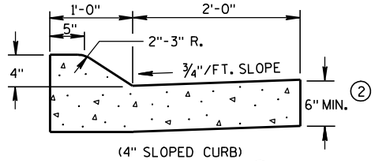


4" SLOPED CURB TYPES G & J (1)

CONCRETE CURB & GUTTER 30"

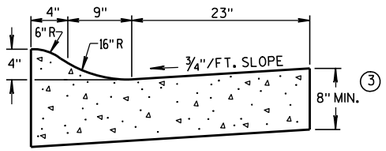


(6" SLOPED CURB)



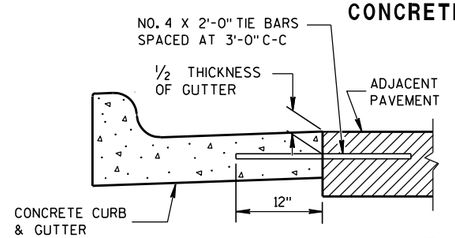
(4" SLOPED CURB)

TYPES A & D (1)

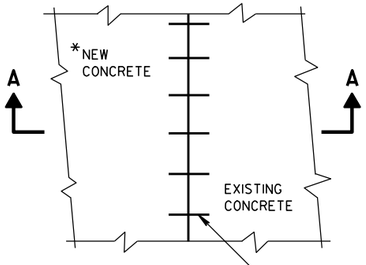


4" SLOPED CURB TYPES R & T (1) (4)

CONCRETE CURB & GUTTER 36"

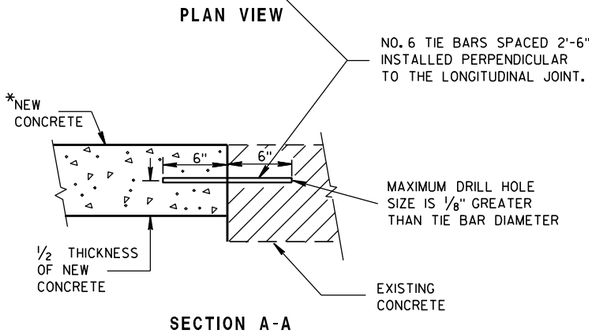


TYPICAL TIE BAR LOCATION (1)



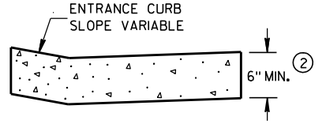
*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

PLAN VIEW



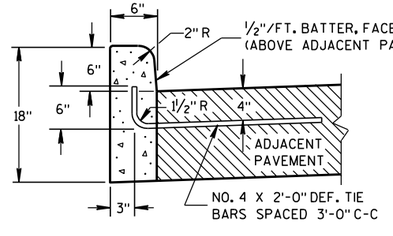
SECTION A-A

TIE BARS DRILLED INTO EXISTING PAVEMENT



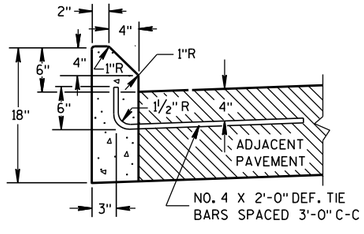
DRIVEWAY ENTRANCE CURB

(WHEN DIRECTED BY THE ENGINEER)



(1)

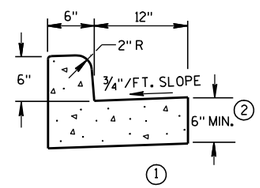
TYPES A & D



(1)

TYPES G & J

CONCRETE CURB



(1)

TYPES A & D

CONCRETE CURB & GUTTER 18"

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.

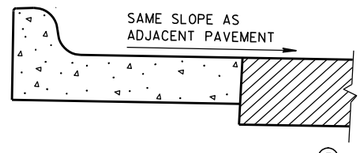
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K AND R.

(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.

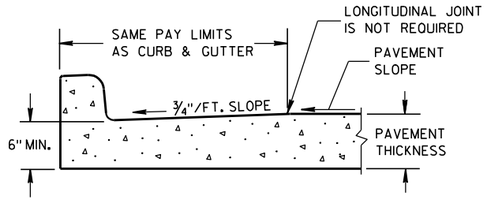
(4) THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(5) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

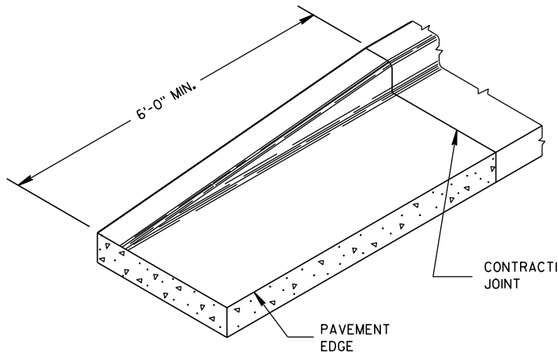


REVERSE SLOPE GUTTER (5)

(TYPICAL FOR ALL CURB & GUTTER TYPES)



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

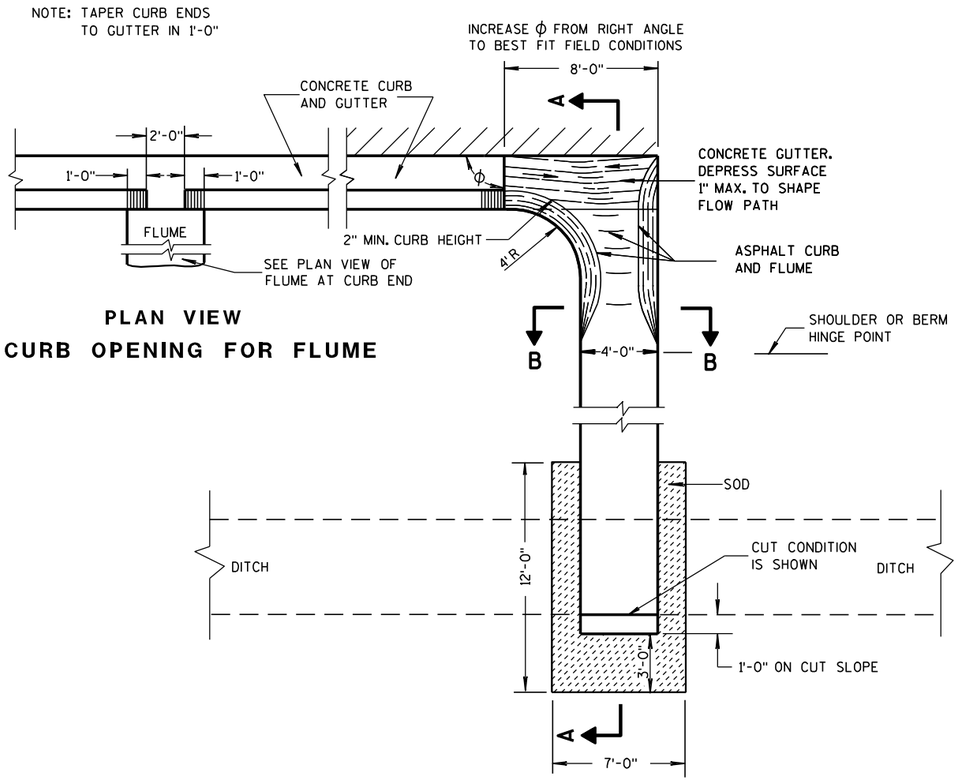
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S.D.D. 8 D 1-17

6

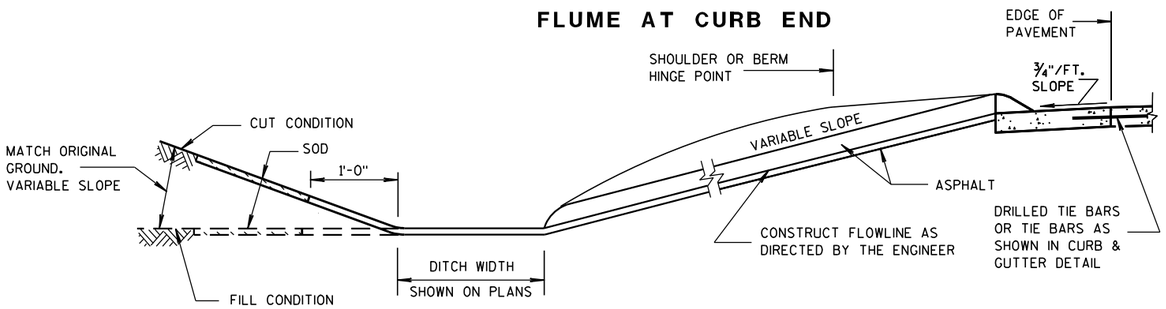
S.D.D. 8 D 1-17

ASPHALTIC FLUME

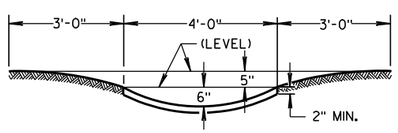


PLAN VIEW
CURB OPENING FOR FLUME

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.

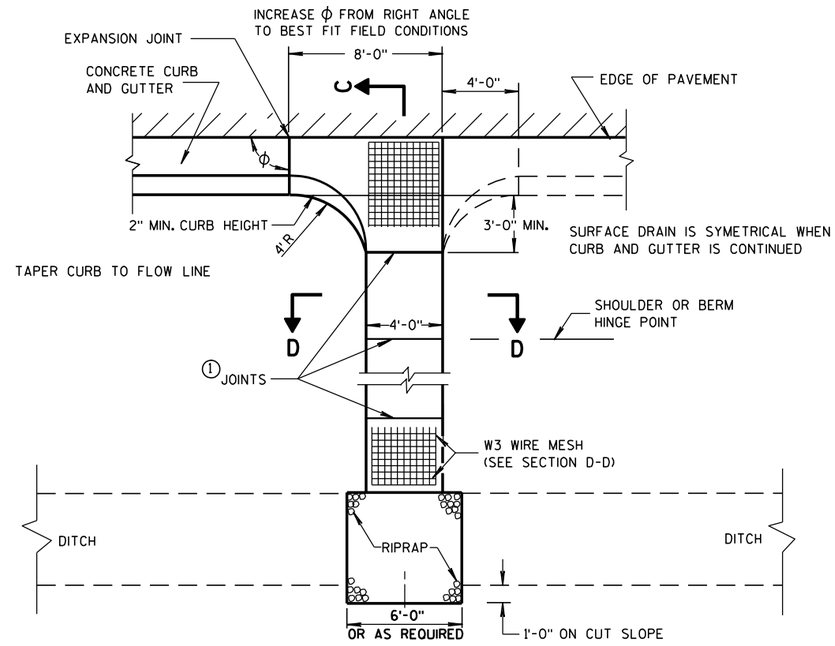
WELDED STEEL WIRE FABRIC SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

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.

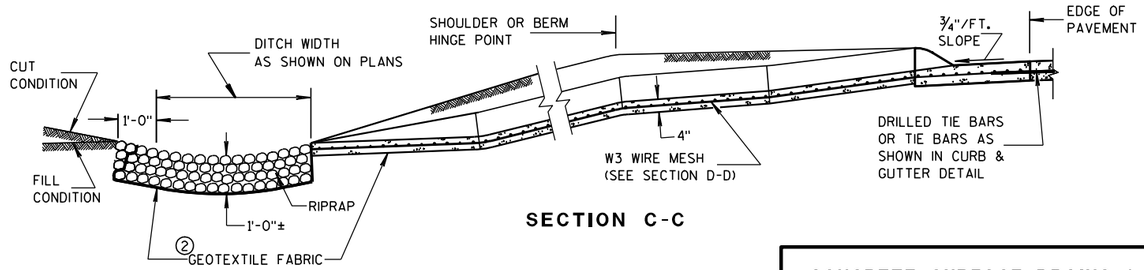
② GEOTEXTILE FABRIC TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.

③ CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED

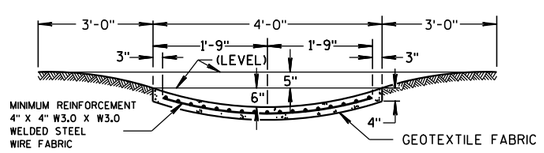
③ CONCRETE SURFACE DRAIN



PLAN VIEW



SECTION C-C



SECTION D-D

CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

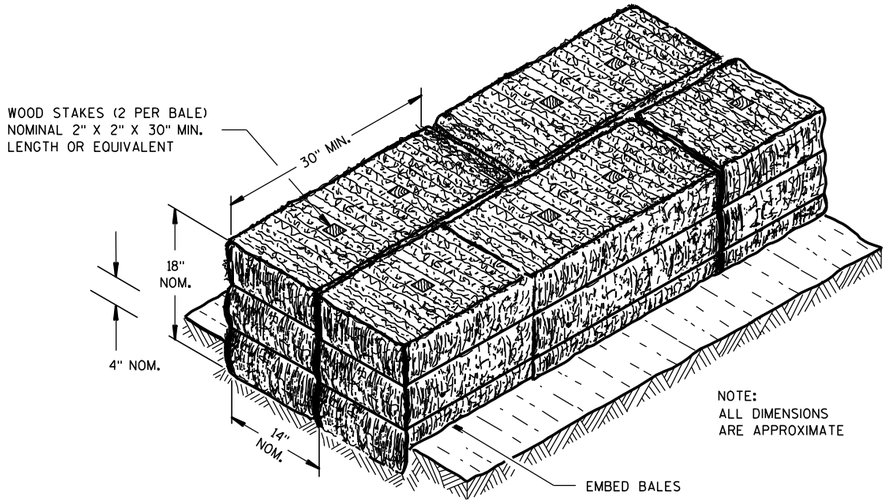
APPROVED
9-4-08 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER
200 MENT
FHWA

6

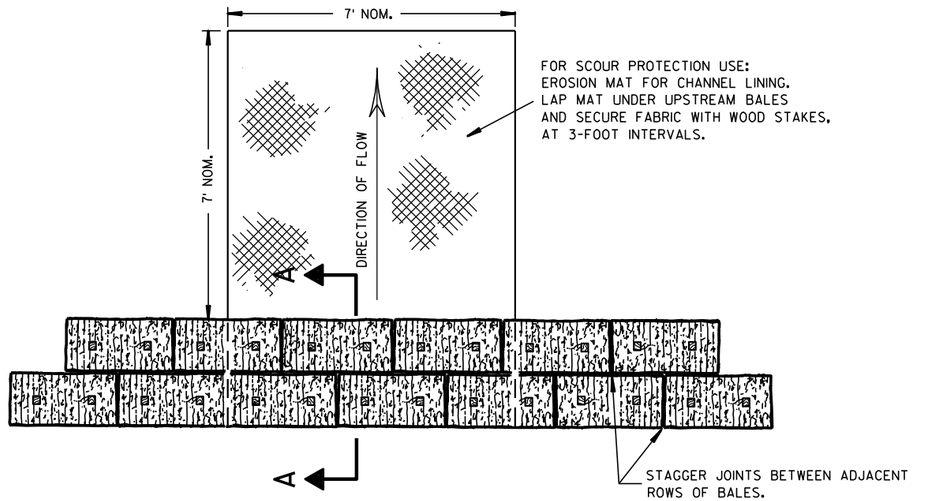
S.D.D. 8 D 4-5

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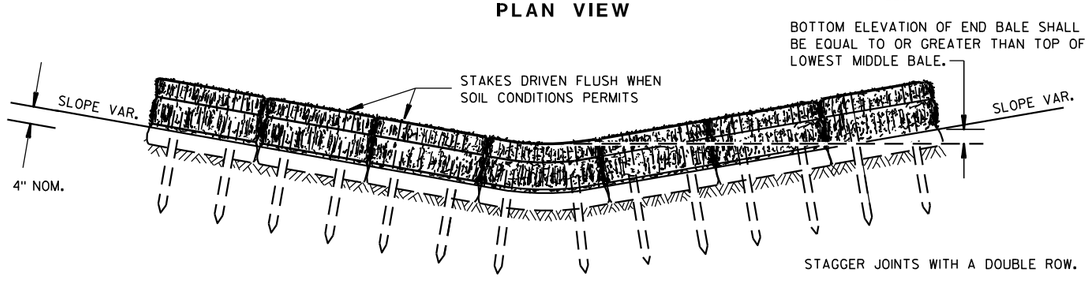
S.D.D. 8 D 4-5



SECTION A-A



PLAN VIEW



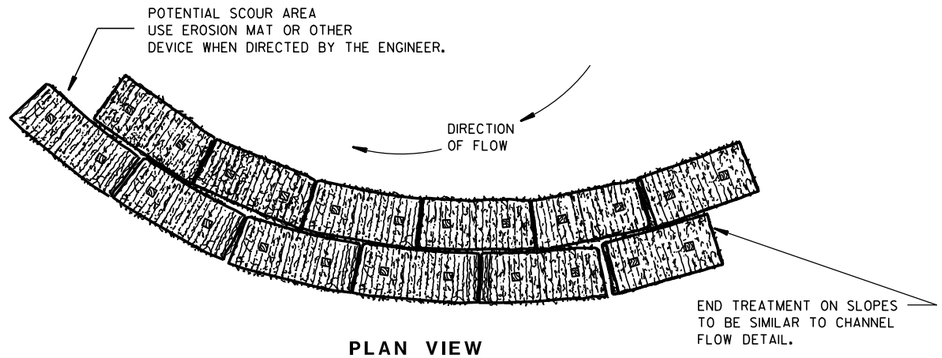
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

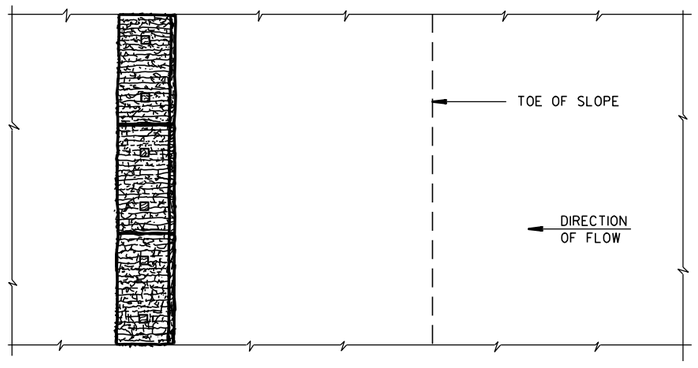
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(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.

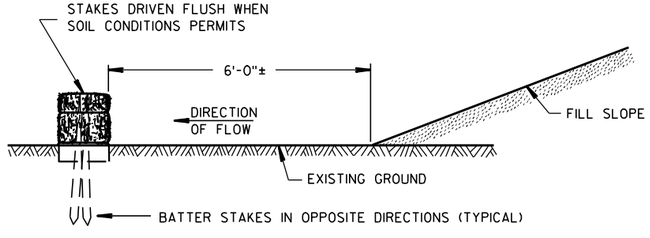


PLAN VIEW

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

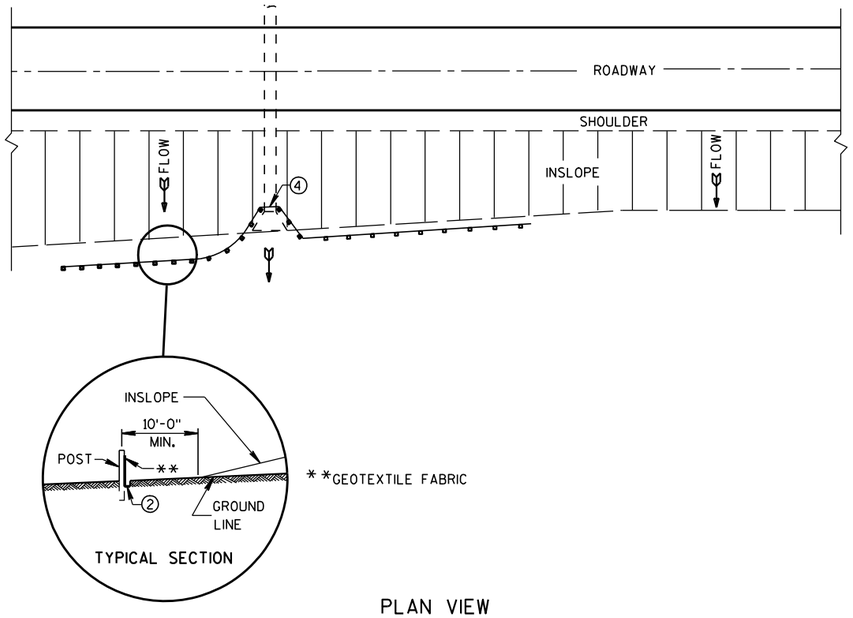
FHWA

6

S.D.D. 8 E 8-3

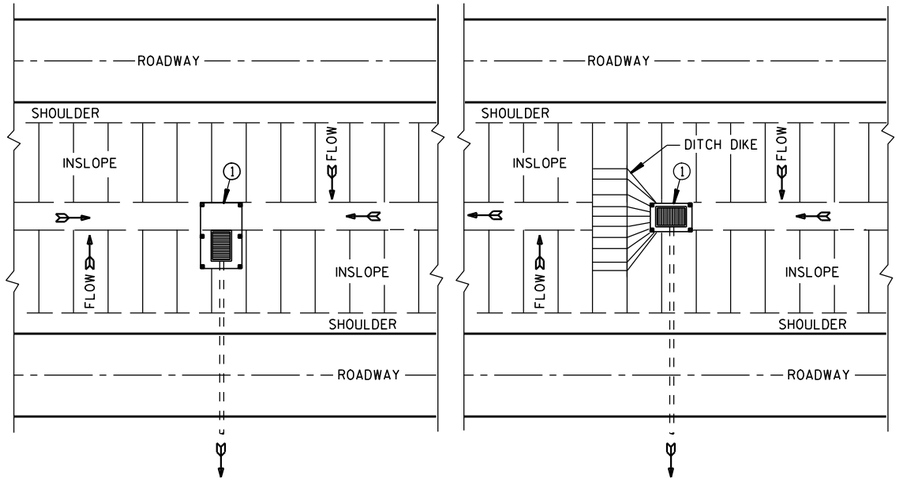
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S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



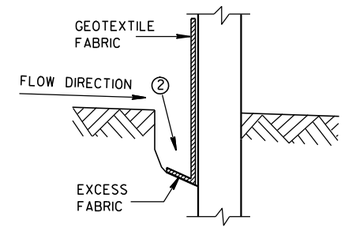
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

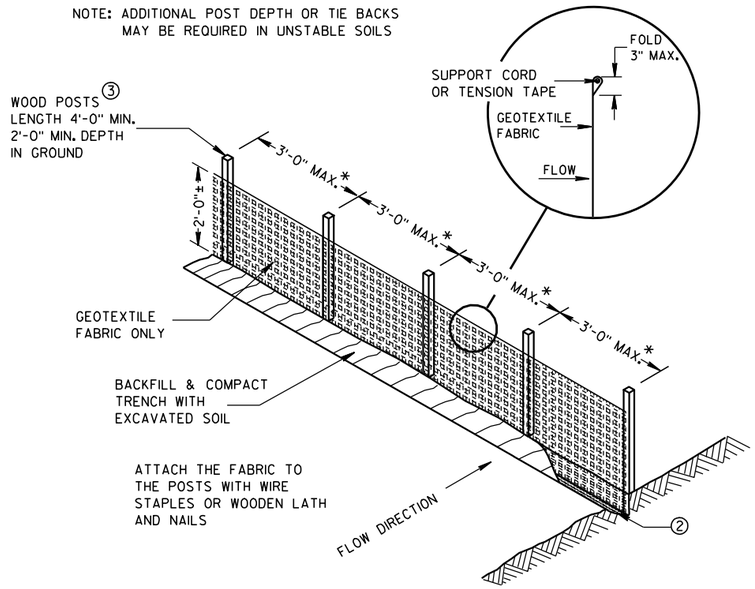
GENERAL NOTES

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

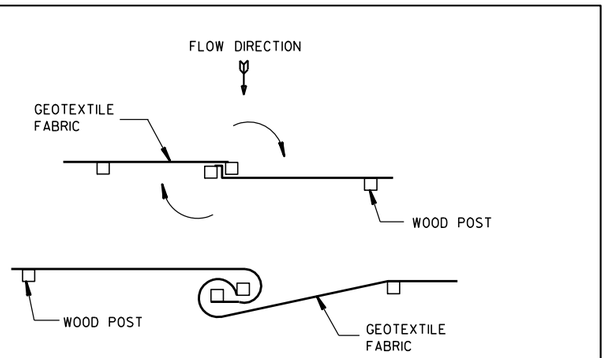
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL 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.



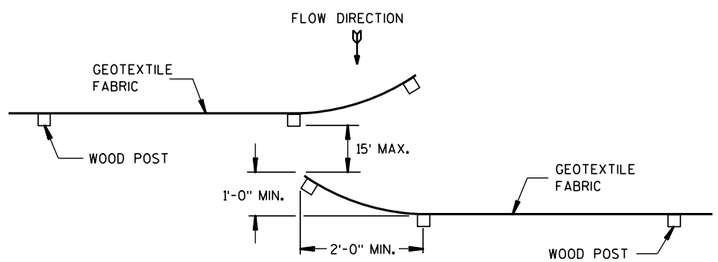
TRENCH DETAIL



SILT FENCE

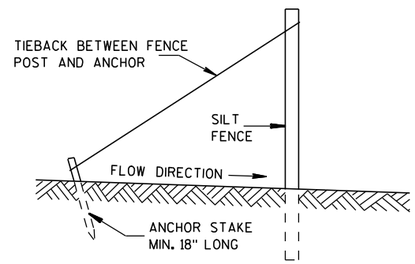


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

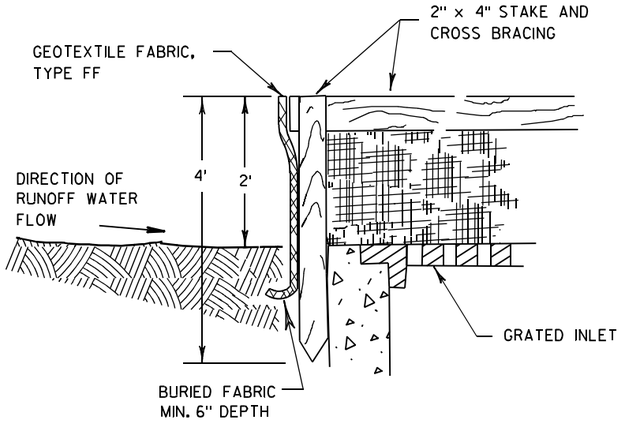
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

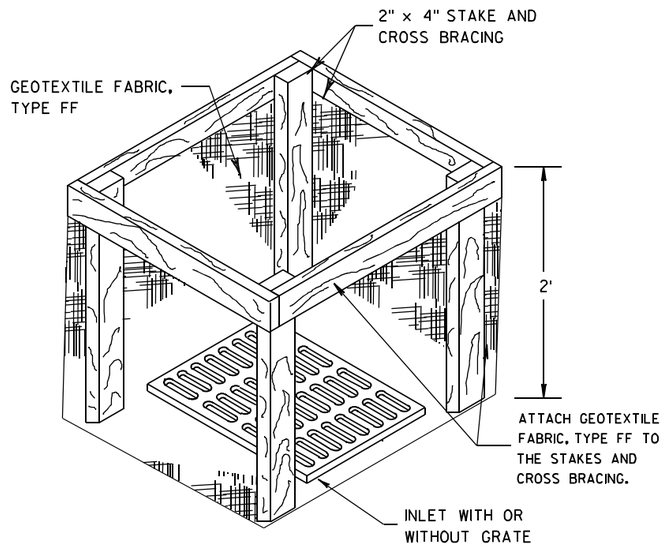
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S.D.D. 8 E 9-6

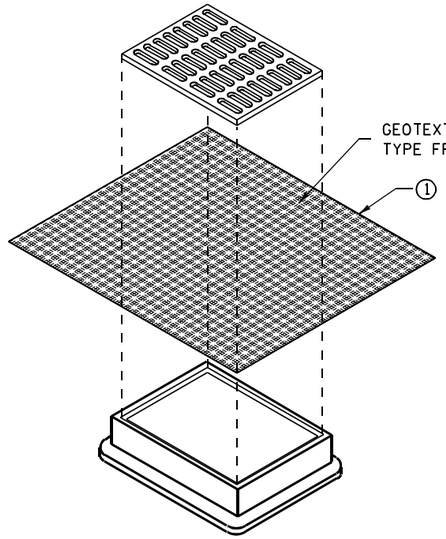
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S.D.D. 8 E 9-6



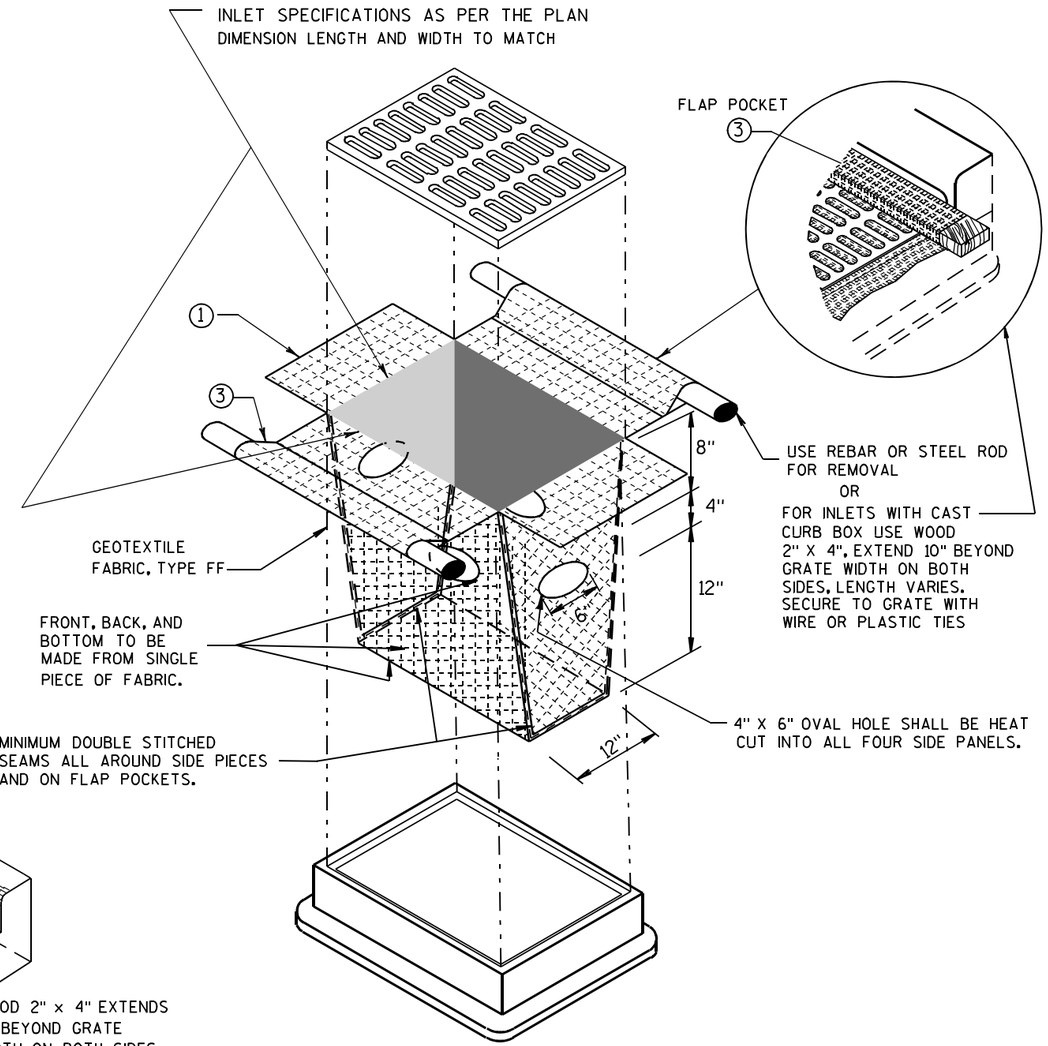


INLET PROTECTION, TYPE A



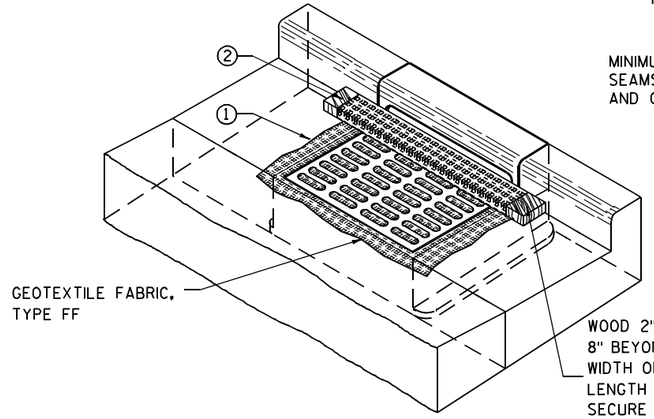
INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)



INLET PROTECTION, TYPE C (WITH CURB BOX)

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

6

S.D.D. 8 E 10-2

6

S.D.D. 8 E 10-2

METAL APRON ENDWALLS

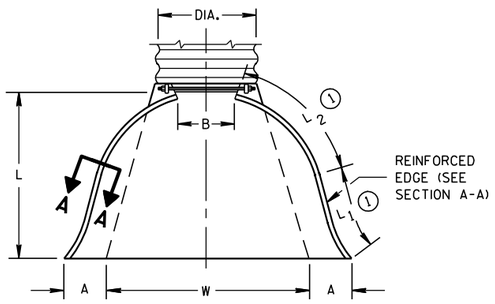
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	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

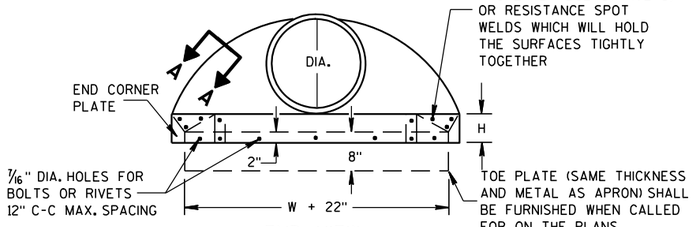
REINFORCED CONCRETE APRON ENDWALLS

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

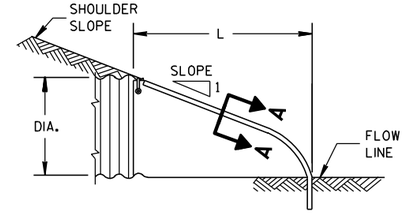
*MINIMUM
**MAXIMUM



PLAN VIEW

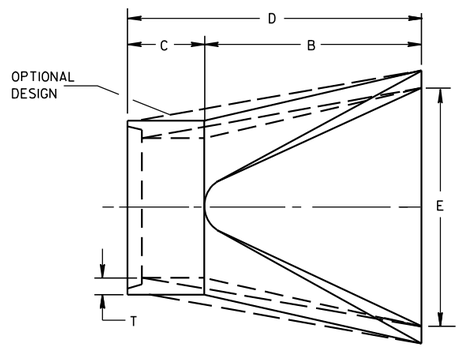


END VIEW

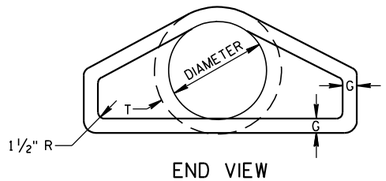


SIDE ELEVATION

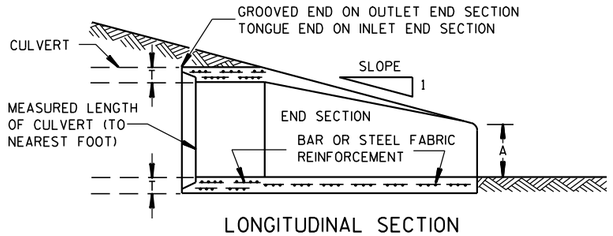
METAL ENDWALLS



PLAN

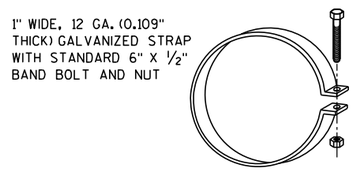


END VIEW



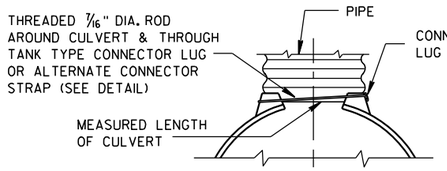
LONGITUDINAL SECTION

CONCRETE ENDWALLS

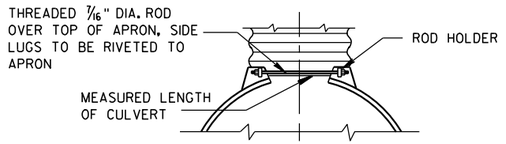


ALTERNATE FOR TYPE 1 CONNECTION

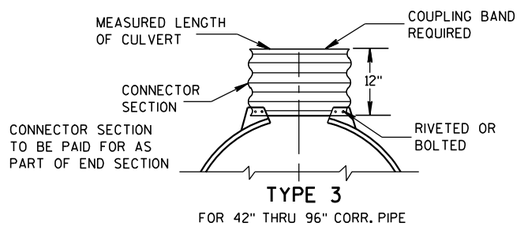
END SECTION CONNECTOR STRAP



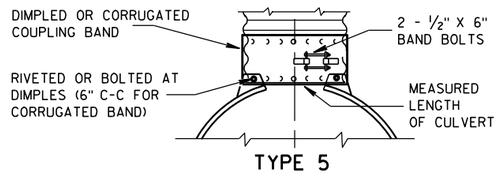
TYPE 1
FOR 12" THRU 24" CORR. PIPE



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

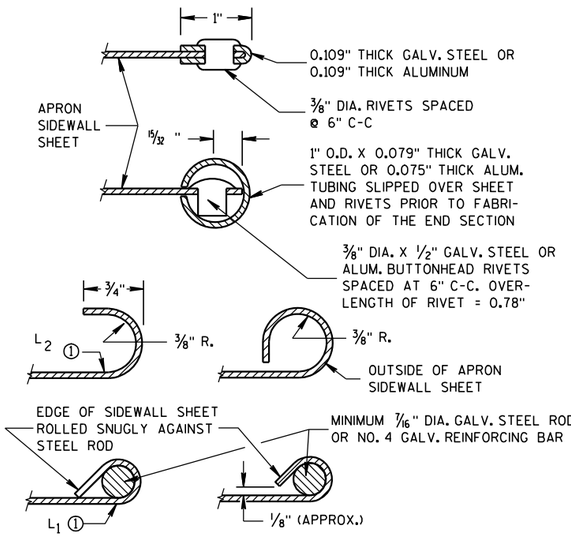
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

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.

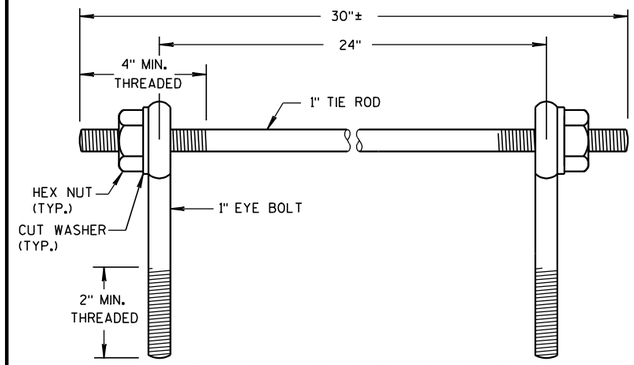
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

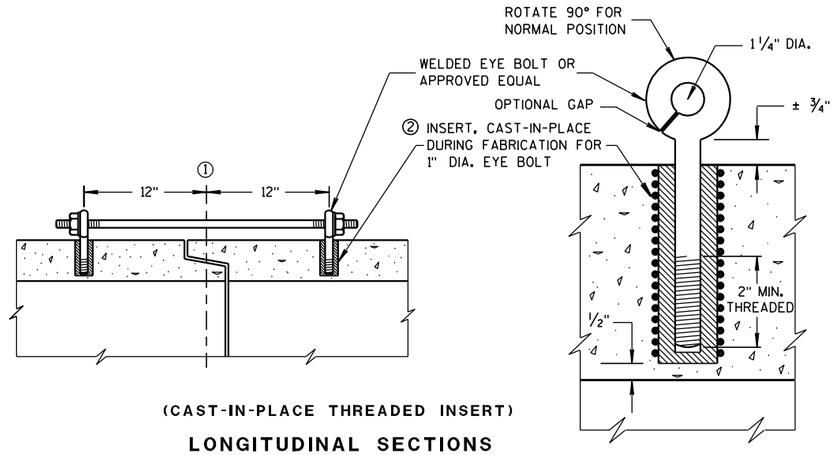
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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.

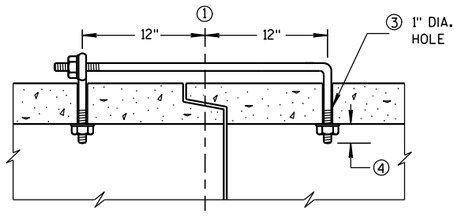
② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ℄ OF TONGUE AND GROOVE.

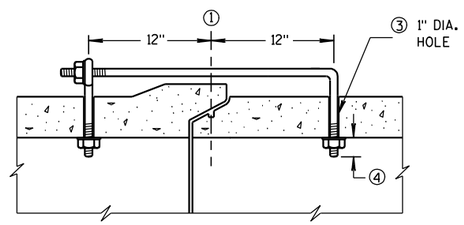
④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

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)

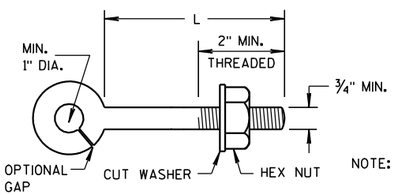


(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

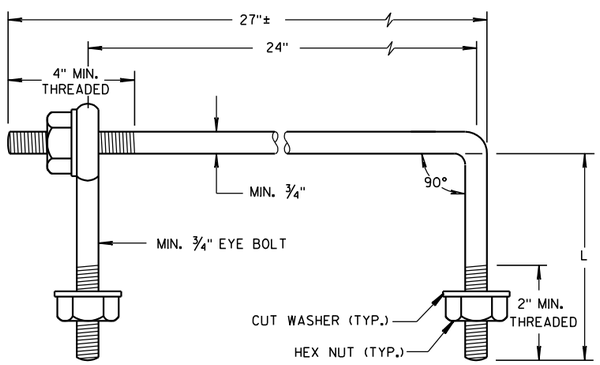
EYE BOLT DIMENSION TABLE

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"	



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

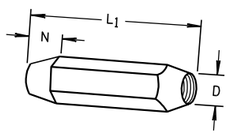
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

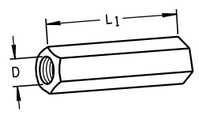
ADJUSTABLE TIE ROD TABLE

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



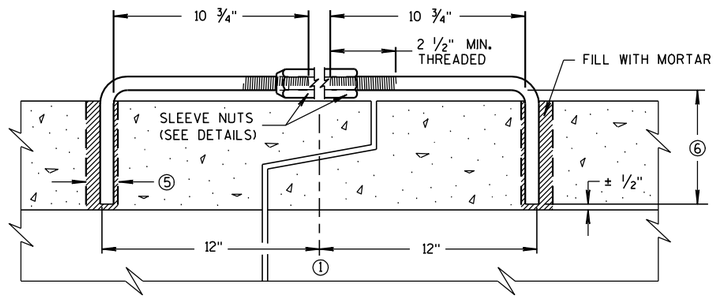
TAPERED



PLAIN

RIGHT AND LEFT THREADS

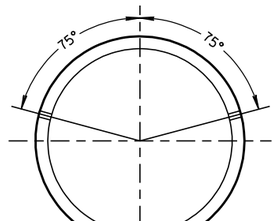
SLEEVE NUTS



LONGITUDINAL SECTION

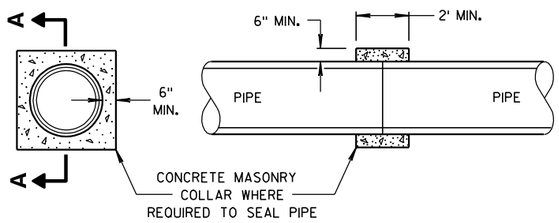
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

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

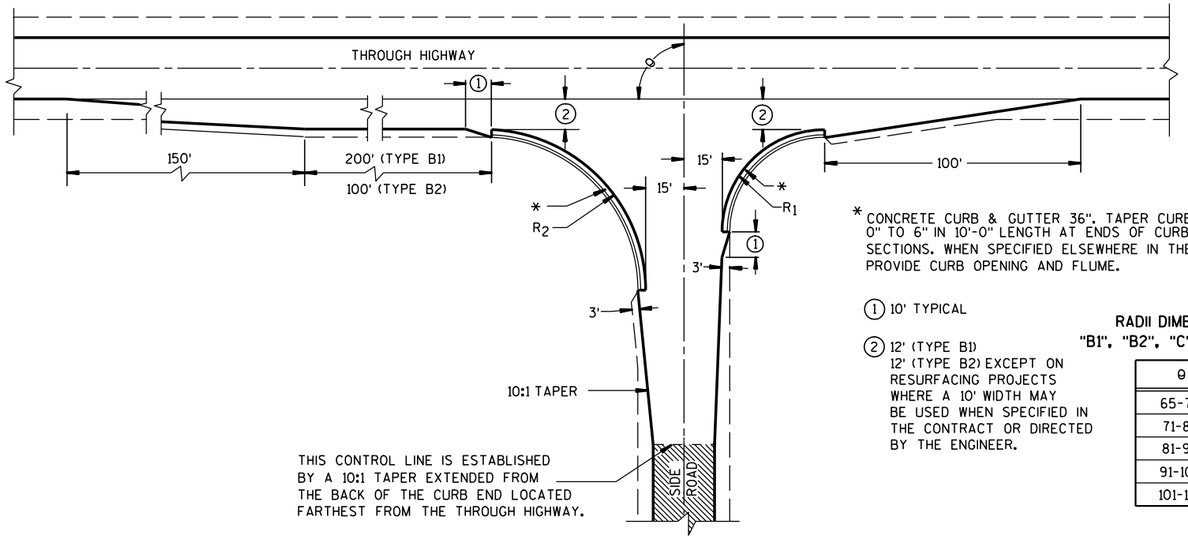
APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
205
FHWA

6

S.D.D. 8 F 4-7

6

S.D.D. 8 F 4-7



TYPE "B1" AND "B2"

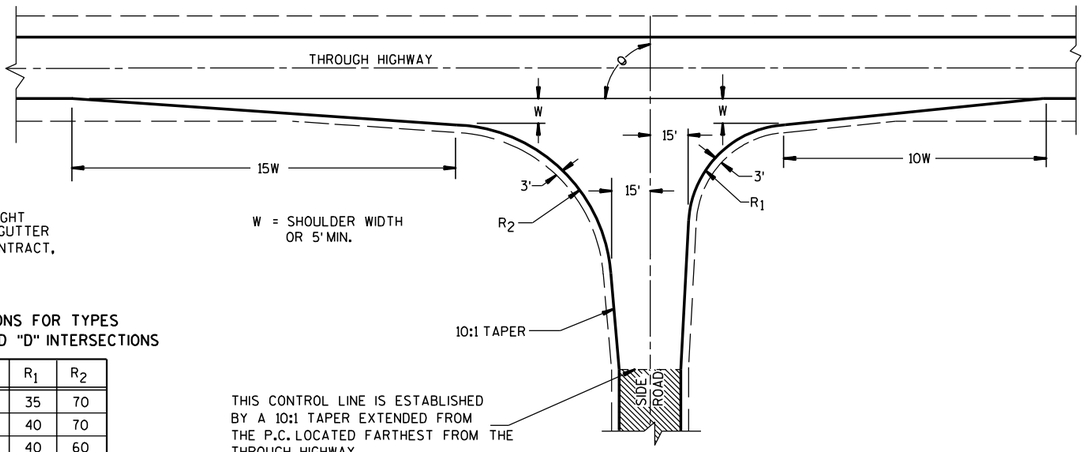
* CONCRETE CURB & GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10'-0" LENGTH AT ENDS OF CURB & GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME.

① 10' TYPICAL

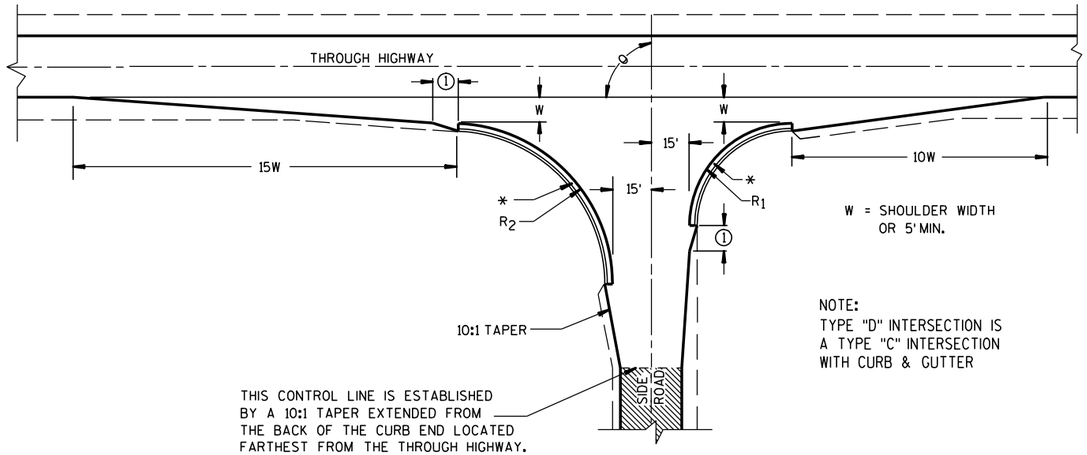
② 12' (TYPE B1)
12' (TYPE B2) EXCEPT ON RESURFACING PROJECTS WHERE A 10' WIDTH MAY BE USED WHEN SPECIFIED IN THE CONTRACT OR DIRECTED BY THE ENGINEER.

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"

NOTE:
TYPE "D" INTERSECTION IS A TYPE "C" INTERSECTION WITH CURB & GUTTER

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.

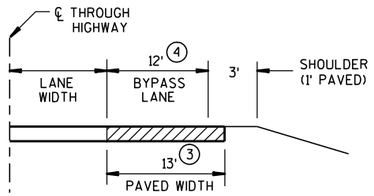
SIDE ROAD SURFACING NOTE

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.

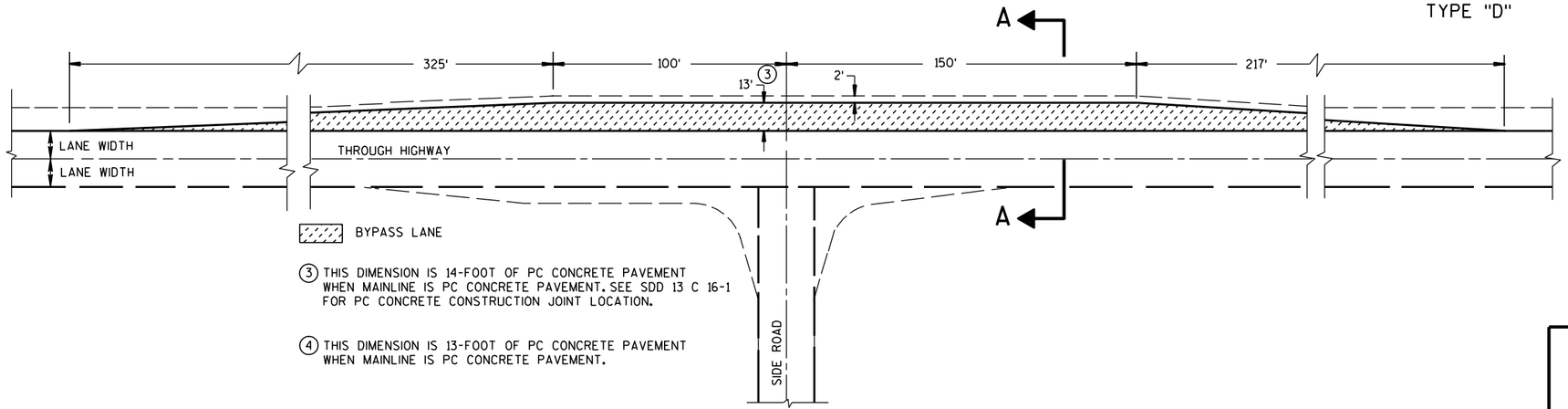
WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

▨ EXISTING SURFACE



SECTION A-A
(SHOWING BYPASS LANE AND SHOULDER)



③ THIS DIMENSION IS 14-FOOT OF PC CONCRETE PAVEMENT WHEN MAINLINE IS PC CONCRETE PAVEMENT. SEE SDD 13 C 16-1 FOR PC CONCRETE CONSTRUCTION JOINT LOCATION.

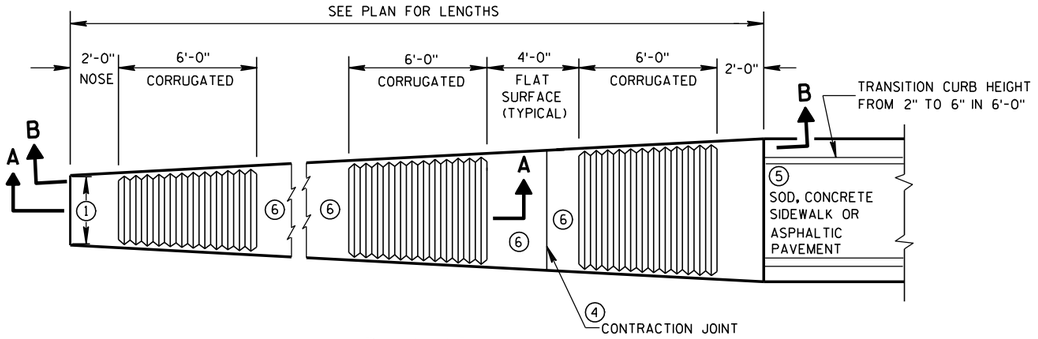
④ THIS DIMENSION IS 13-FOOT OF PC CONCRETE PAVEMENT WHEN MAINLINE IS PC CONCRETE PAVEMENT.

TEE INTERSECTION BYPASS LANE DETAIL

AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND "D" AND TEE INTERSECTION BYPASS LANE

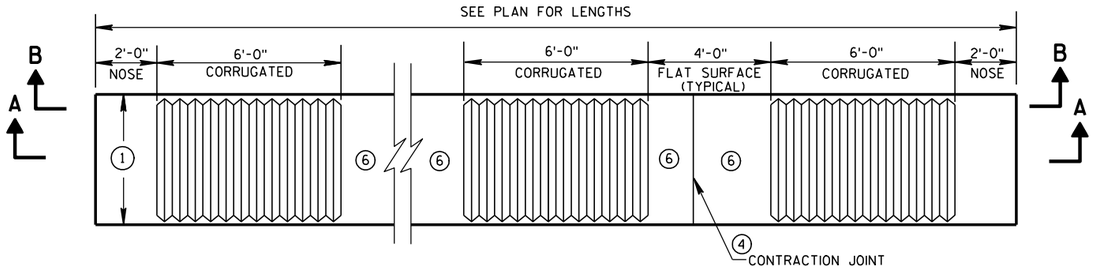
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
S.D.D. 9 A 1-12a



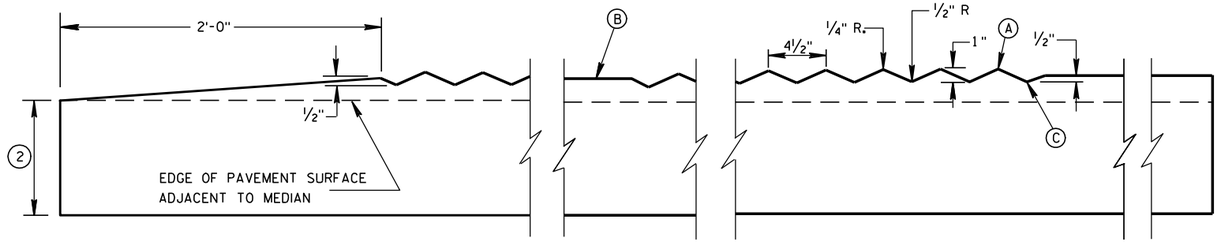
PLAN VIEW

VARIABLE WIDTH CONCRETE CORRUGATED MEDIAN



PLAN VIEW

UNIFORM WIDTH CONCRETE CORRUGATED MEDIAN



SECTION A-A

LONGITUDINAL SECTION

GENERAL NOTES

(1) SEE PLANS FOR CONSTANT OR VARIABLE WIDTH.

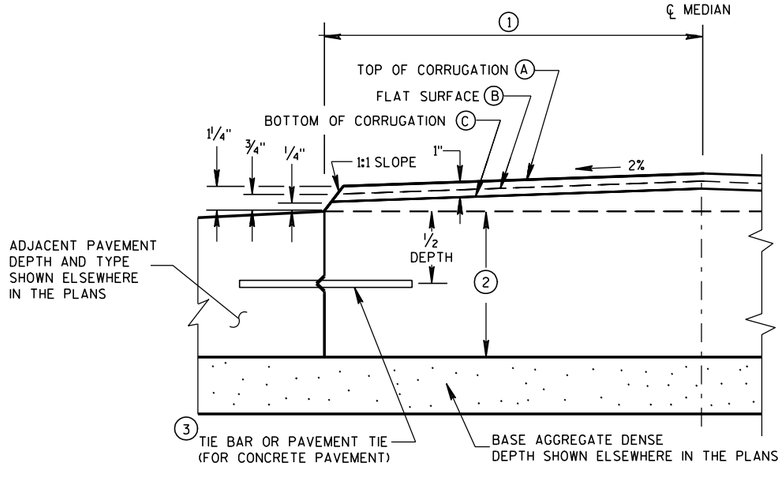
(2) THE DEPTH OF THE CONCRETE CORRUGATED MEDIAN SHALL BE 9-INCHES UNLESS SHOWN OTHERWISE IN THE PLAN.
ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN IN THE PLAN. TYPICAL OPTIONS ARE:
(1) NEW OR EXISTING CONCRETE PAVEMENT.
(2) ASPHALTIC CONCRETE OVER NEW OR EXISTING CONCRETE BASE COURSE, OR PAVEMENT.
(3) ASPHALTIC PAVEMENT OVER BASE AGGREGATE DENSE.

(3) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.
INSTALL TIE BARS TO MAINTAIN A MINIMUM OF 3-INCHES OF COVER BETWEEN THE TIE BAR AND THE CONCRETE SURFACE (BOTTOM AND TOP).
PAVEMENT TIES REQUIRED IN EXISTING CONCRETE PAVEMENT OR CONCRETE BASE COURSE, PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

(4) CONCRETE CORRUGATED MEDIAN CONTRACTION JOINTS SHALL BE CONSTRUCTED TO MATCH THE JOINTS IN ADJACENT CONCRETE PAVEMENT. WHERE ADJACENT PAVEMENT IS ASPHALT WITH BASE AGGREGATE DENSE. TRANSVERSE CONTRACTION JOINTS SHALL BE PROVIDED AT 20 FOOT INTERVALS.

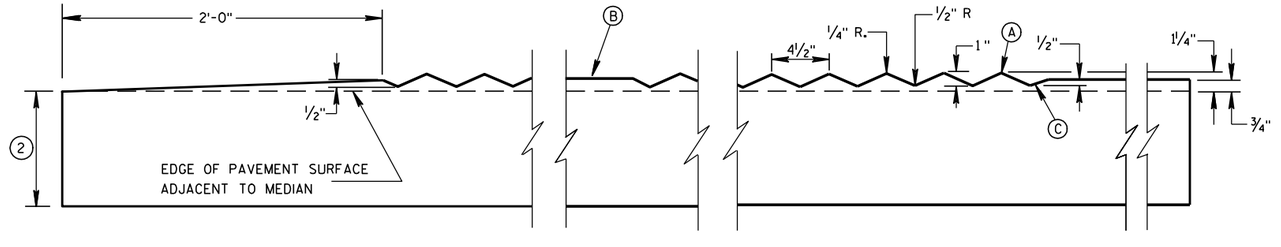
(5) SURFACE TYPE AND DETAILS ARE DEFINED ELSEWHERE IN THE PLAN.

(6) YELLOW MARKING ON FLAT SURFACE WHEN MEDIAN SEPARATES OPPOSING TRAFFIC.



HALF CROSS SECTION

(2) CONCRETE CORRUGATED MEDIAN AND ADJACENT PAVEMENT



SECTION B-B

LONGITUDINAL SECTION

CONCRETE CORRUGATED MEDIAN

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

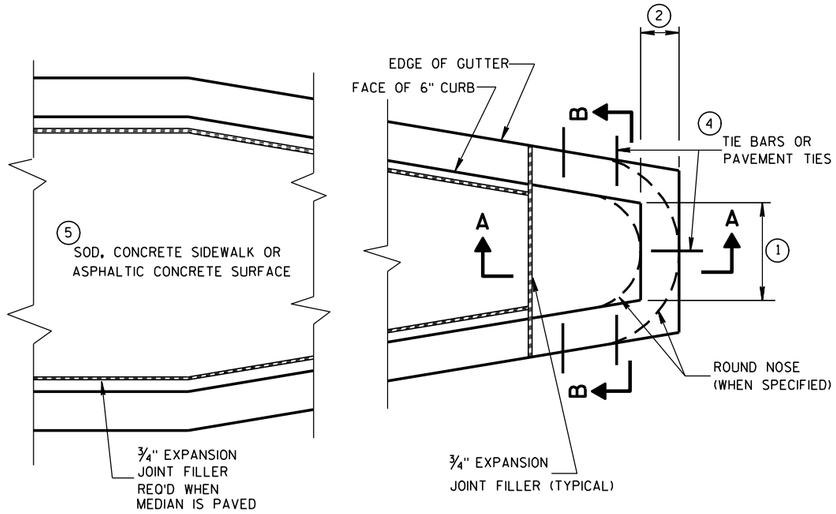
12/17/07
DATE

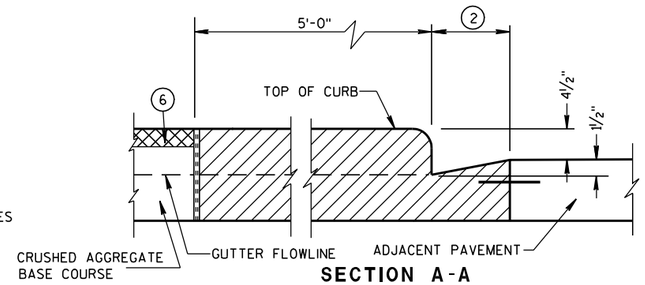
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

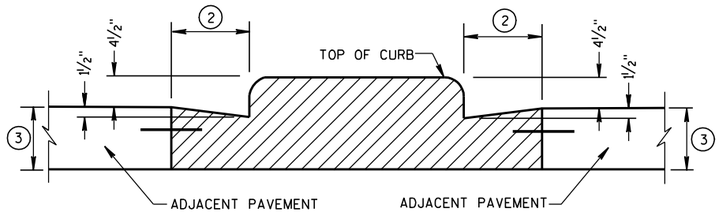
6

S.D.D. 11 B 1-5





SECTION A-A



SECTION B-B

CONCRETE MEDIAN BLUNT NOSE DETAIL

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) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

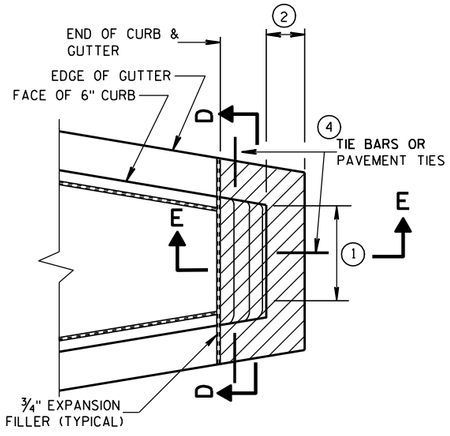
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

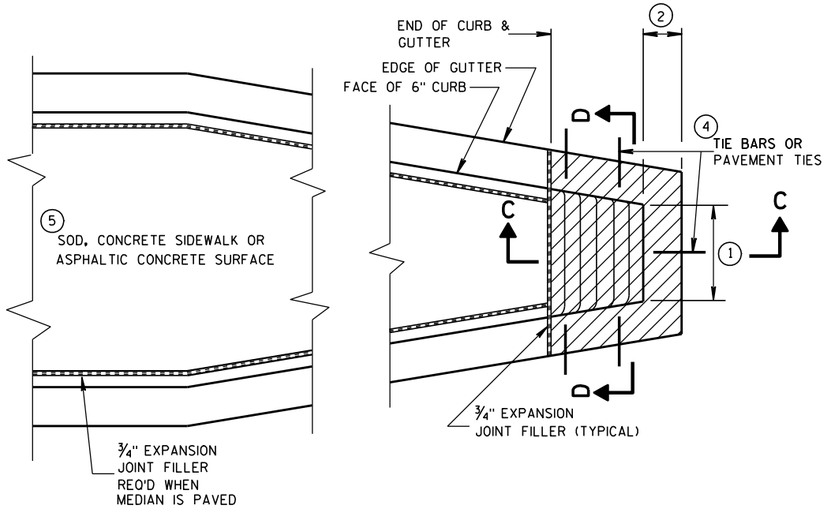
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

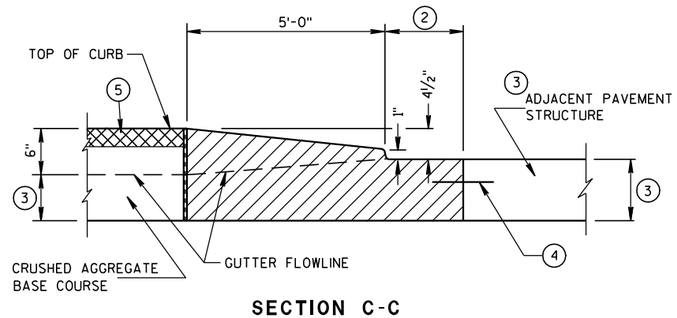
PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.

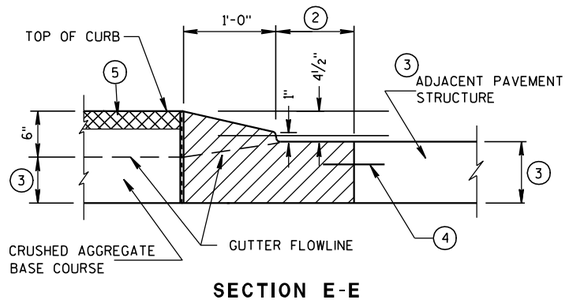




CONCRETE MEDIAN SLOPED NOSE TYPE 1

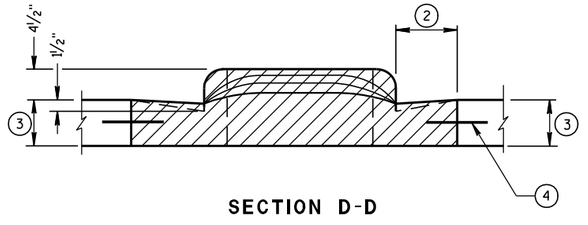


SECTION C-C



SECTION E-E

CONCRETE MEDIAN SLOPED NOSE TYPE 2



SECTION D-D

CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/8/2006
DATE

/S/ Jerry H. [illegible]
ROADWAY STANDARDS ENGINEER

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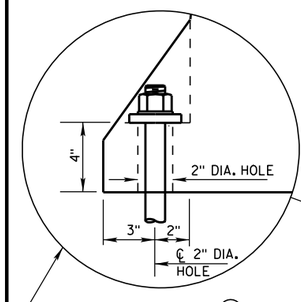
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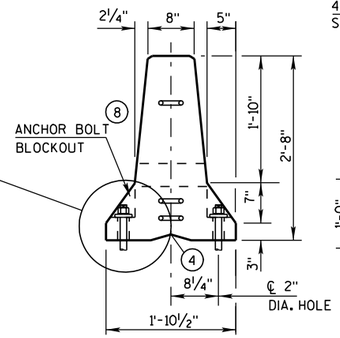
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S.D.D. 11 B 2-2

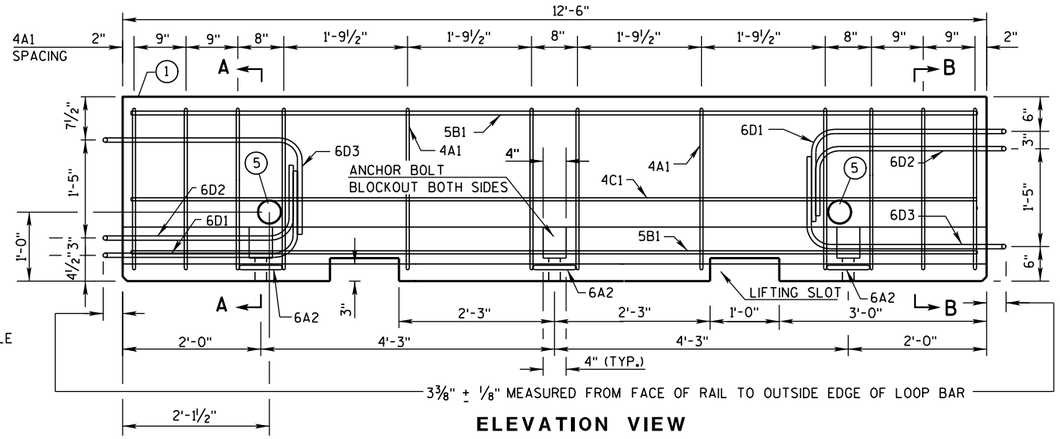
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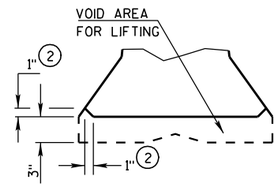




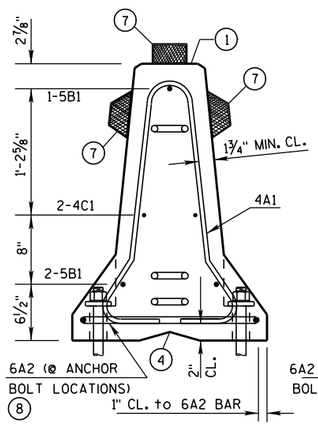
END VIEW



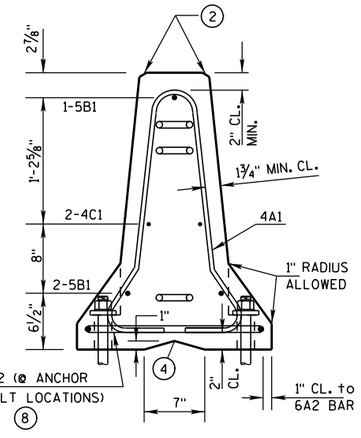
ELEVATION VIEW



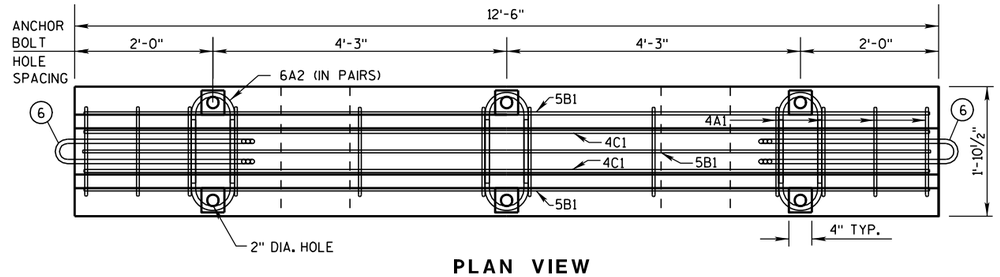
DETAIL "B"
LIFTING SLOT DETAIL



SECTION A-A
(STIRRUP PLACEMENT)

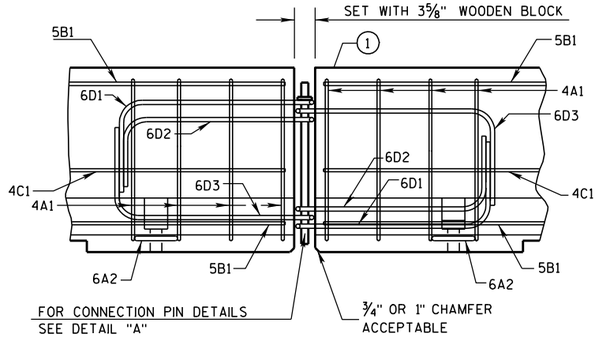


SECTION B-B
(STIRRUP PLACEMENT)

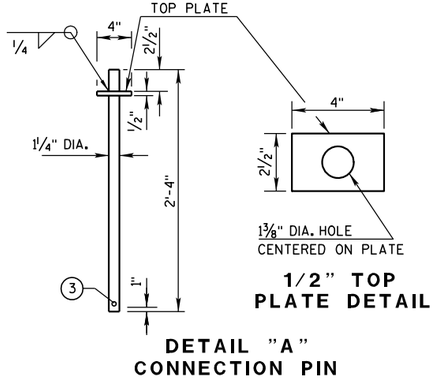


PLAN VIEW

DETAILS OF BARRIER SECTION

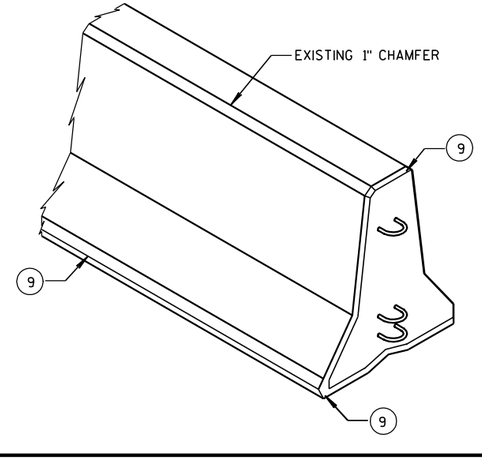


DETAILS OF BARRIER CONNECTION



1/2" TOP PLATE DETAIL

DETAIL "A"
CONNECTION PIN
(A36 STEEL (10.9 LB EACH))



GENERAL NOTES

THESE GENERAL NOTES APPLY TO SHEETS 14B7-13(a) THRU 14B7-13(h).

DO NOT INTERMIX CONCRETE BARRIER TEMPORARY PRCAST, 12'-6" (CBTP12.5) WITH OTHER TEMPORARY CONCRETE BARRIERS.

USE ASTM A-615, GRADE 60, DEFORMED STEEL BARS FOR BARS 4A1, 6A2, 5B1 AND 4C1 IN THE BARRIER SECTION AND FOR 4V1, 4V2, 4V3, 4V4, 4V5, 4V6, 4F1, 4F2 AND 5F3 IN THE BARRIER TAPER SECTION.

LOOP BARS 6D1, 6D2 AND 6D3 SHALL BE ¾" SMOOTH STEEL BARS WITH A MINIMUM YIELD STRENGTH OF 60 KSI, A TENSILE STRENGTH OF NOT LESS THAN 1.25 TIMES THE YIELD STRENGTH BUT A MINIMUM OF 80 KSI, A MINIMUM 14% ELONGATION IN 8 INCHES AND PASSING A 180 DEGREE BEND TEST USING A 3-½" PIN BEND DIAMETER FOR BEND TESTS. THE LOOPS SHALL BE INSTALLED WITHIN ⅛" OF THE PLAN DIMENSION.

CONSTRUCT LIFTING SLOTS AS SPECIFIED ON THE PLANS TO FACILITATE THE DRAINAGE OF WATER AFTER INSTALLATION.

PLACE BARRIER ON A PAVED SURFACE. REMOVE ALL LOOSE DIRT AND SAND FROM THE ROADWAY SURFACE PRIOR TO PLACEMENT OF THE BARRIER.

INSTALL MECHANICAL OR EPOXY ANCHORS PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE MANUFACTURER'S INFORMATION TO PROJECT ENGINEER.

(1) MARK ONE END OF EACH BARRIER PERMANENTLY BY FORMING INTO THE BARRIER THE FOLLOWING INFORMATION:
   a. TYPE: WICBTP
   b. MANUFACTURER
   c. DATE MANUFACTURED (MONTH AND YEAR)

(2) 1" CHAMFER TO PREVENT SPALLING.

(3) A ⅜" HOLE IN THE CONNECTION PIN, AT THE LOCATION SHOWN, IS ACCEPTABLE, BUT NOT REQUIRED..

(4) "V" NOTCH IS OPTIONAL.

(5) THE 4" DIAMETER, 11 GAUGE STEEL, ROUND MECHANICAL TUBING SLEEVE FOR LIFTING (OPTIONAL).

(6) NEVER USE LOOP BARS (6D1, 6D2 OR 6D3) TO LIFT, MOVE OR REPOSITION THE BARRIER.

(7) USE DELINEATORS CONFORMING TO SECTION 633 OF THE STANDARD SPECIFICATIONS. CONTRACTOR MAY USE ALTERNATE SHAPES AND HOUSING. INSTALL DELINEATORS ACCORDING TO MANUFACTURES INSTRUCTION. INSTALL YELLOW REFLECTORS WHEN BARRIER IS LOCATED TO THE LEFT OF TRAFFIC AND WHITE REFLECTORS WHEN BARRIER IS LOCATED TO THE RIGHT OF TRAFFIC. SPACE DELINEATORS A MAXIMUM OF 25 FEET APART. PROVIDE TOP MOUNTED DELINEATORS IN ADDITION TO THE SIDE MOUNTED DELINEATORS ON ALL BARRIER INSTALLATIONS LOCATED ON A CURVED ALIGNMENT LONGER THAN 200 FEET AND ON BARRIERS USED TO SEPARATE OPPOSING TRAFFIC.

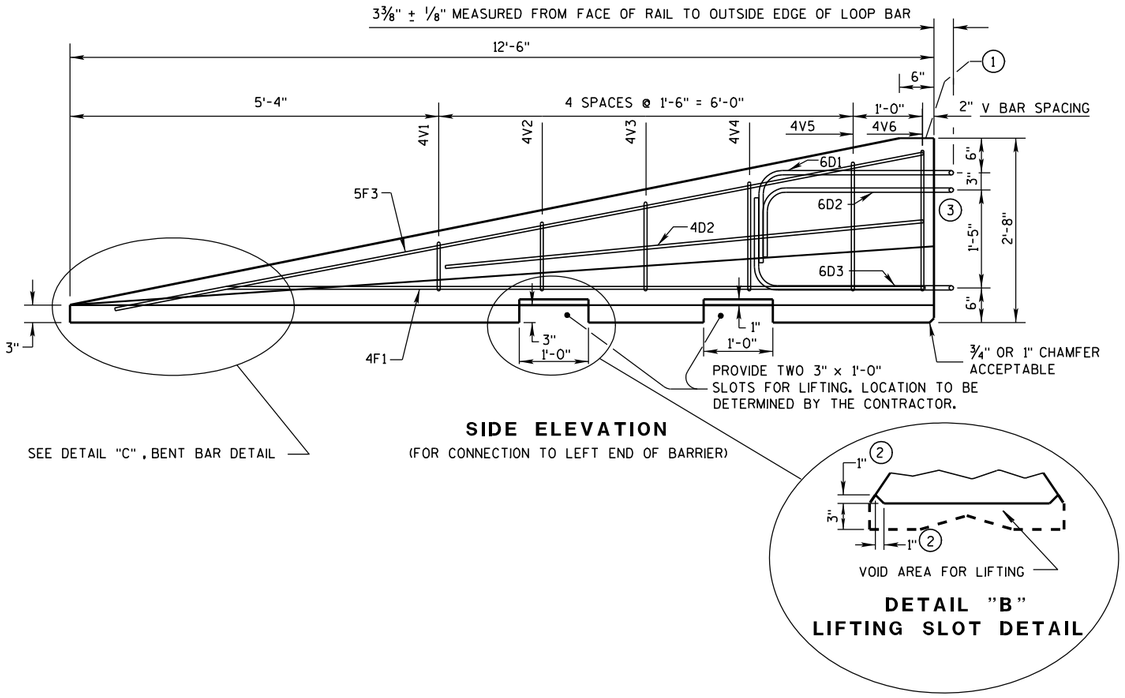
(8) SEE SHEET D FOR ANCHORING CRITERIA.

(9) 1" CHAMFER OPTIONAL.

CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

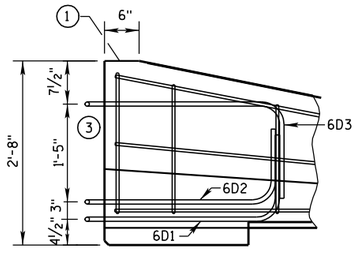
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO...

6
S.D.D. 14 B 7-13a



SIDE ELEVATION
(FOR CONNECTION TO LEFT END OF BARRIER)

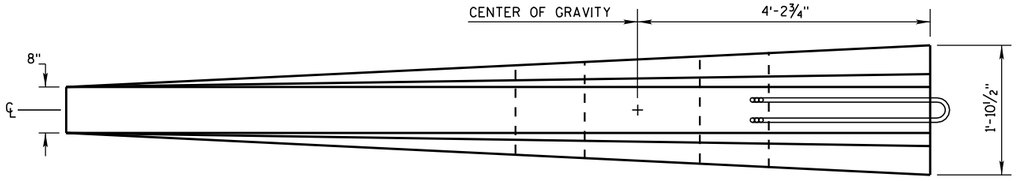
DETAIL "B"
LIFTING SLOT DETAIL



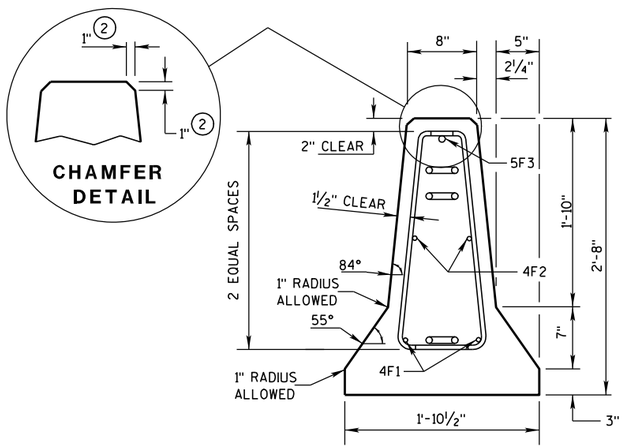
SIDE ELEVATION
LOOP BAR ASSEMBLY INVERTED
FOR OPPOSITE END.
(FOR CONNECTION TO RIGHT END OF BARRIER)

GENERAL NOTES

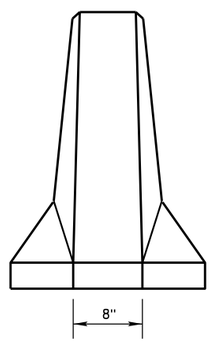
1. MARK ONE END OF EACH BARRIER PERMANENTLY BY FORMING INTO THE BARRIER THE FOLLOWING INFORMATION:
   a. TYPE WICBTP
   b. MANUFACTURER
   c. DATE MANUFACTURED (MONTH AND YEAR)
2. 1" CHAMFER TO PREVENT SPALLING.
3. NEVER USE LOOP BARS (6D1, 6D2 OR 6D3) TO LIFT, MOVE OR REPOSITION THE BARRIER.



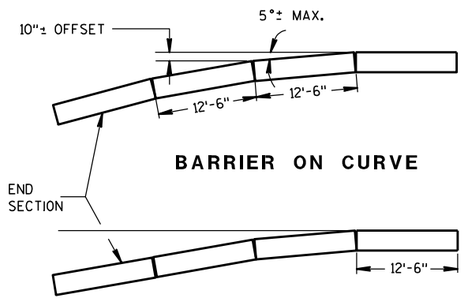
PLAN VIEW



END SECTION



FRONT ELEVATION



BARRIER ON CURVE

FLARE AT BARRIER END

POSTED SPEED, (MPH)	FLARE RATE
40 OR LESS	6:1
45 OR GREATER	8:1

DETAILS OF BARRIER TAPER SECTION

CONCRETE BARRIER
TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

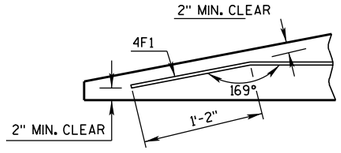
6

S.D.D. 14 B 7-13b

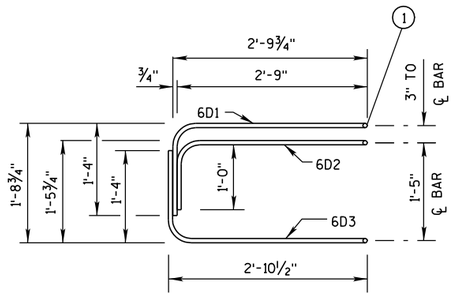
BARRIER TAPER SECTION BILL OF MATERIALS

(PER 12'-6" BARRIER TAPER SECTION)

BAR	BAR SIZE	NO. OF BARS	LENGTH FT.
4V1	4	2	1'-11"
4V2	4	2	2'-2"
4V3	4	2	2'-6"
4V4	4	2	2'-9"
4V5	4	2	3'-2"
4V6	4	2	3'-4"
4F1	4	2	12'-0"
4F2	4	2	7'-6"
5F3	5	1	11'-9"
LOOP ASSEMBLY			
6D1	6	1	8'-5"
6D2	6	1	7'-7"
6D3	6	1	8'-6"



DETAIL "C"
BENT BAR DETAIL



ELEVATION
LOOP BAR ASSEMBLY

BAR	a	b
V1	10"	1"
V2	1'-1"	1¼"
V3	1'-5"	1⅝"
V4	1'-8"	1⅞"
V5	2'-0½"	2⅜"
V6	2'-3"	2¾"

4V BARS
2 AT EACH SIZE REQUIRED
FOR STIRRUP ASSEMBLY

TAPER BARRIER SECTION

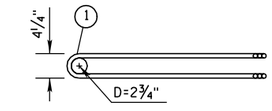
GENERAL NOTES

(1) NEVER USE LOOP BARS (6D1, 6D2 OR 6D3) TO LIFT, MOVE OR REPOSITION THE BARRIER.

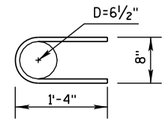
BARRIER SECTION BILL OF MATERIALS

(PER 12'-6" BARRIER SECTION)

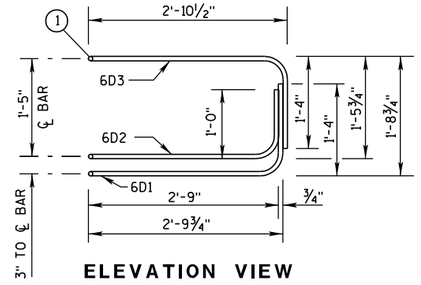
BAR	BAR SIZE	NO. OF BARS	LENGTH FT.
4A1	4	12	6'-0"
6A2	6	6	2'-11"
5B1	5	3	12'-2"
4C1	4	2	12'-2"
LOOP ASSEMBLY			
6D1	6	2	8'-5"
6D2	6	2	7'-7"
6D3	6	2	8'-6"



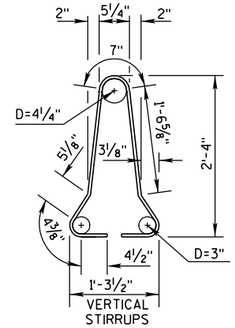
PLAN VIEW
LOOP BAR ASSEMBLY
(MARKED END SHOWN, INVERT FOR OTHER END)



6A2



ELEVATION VIEW



4A1

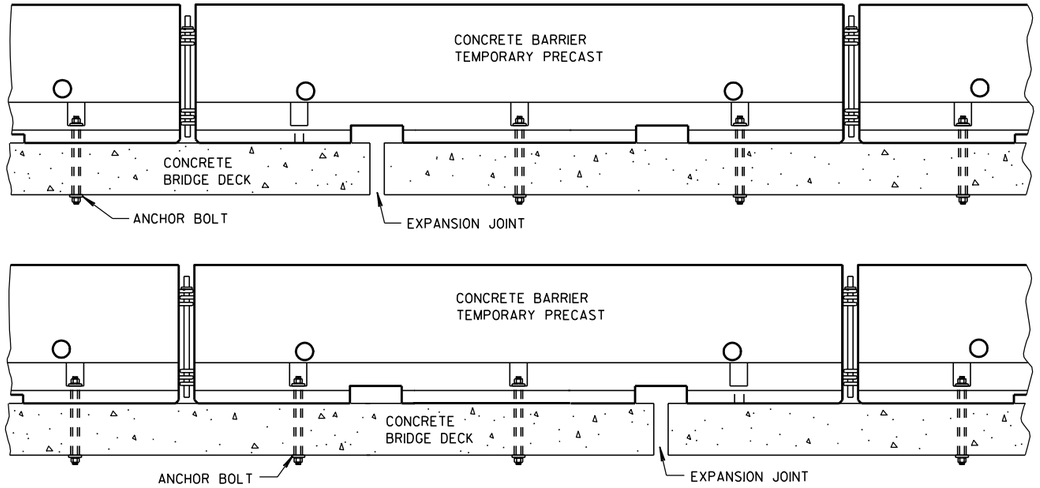
BARRIER SECTION

CONCRETE BARRIER
TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

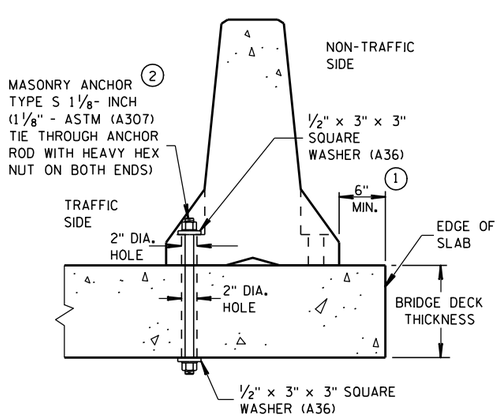
6

S.D.D. 14 B 7-13c



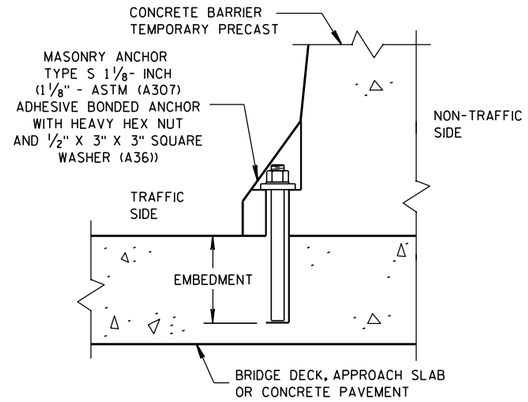
TREATMENT AT BRIDGE DECK EXPANSION JOINTS

(NO SINGLE CONCRETE BARRIER SECTION SHALL BE ANCHORED TO BOTH THE BRIDGE DECK AND THE APPROACH SLAB. ALL ANCHOR BOLT LOCATIONS SHALL BE ANCHORED TO THE DECK IN ACCORDANCE WITH THE DETAIL. NO MORE THAN ONE ANCHOR BOLT SHALL BE ELIMINATED FROM A BARRIER SECTION WHEN SPANNING AN EXPANSION JOINT.)



THROUGH BOLTED ANCHOR INSTALLATION ON BRIDGE DECK

(DO NOTUSE ON CONCRETE BRIDGE DECK WITH ASPHALT OVERLAY)



REMOVABLE ADHESIVE BONDED ANCHOR INSTALLATION ON CONCRETE BRIDGE DECK, CONCRETE APPROACH SLAB, OR CONCRETE PAVEMENT

2

(DO NOT USE ON CONCRETE WITH AN ASPHALTIC OVERLAY)

GENERAL NOTES

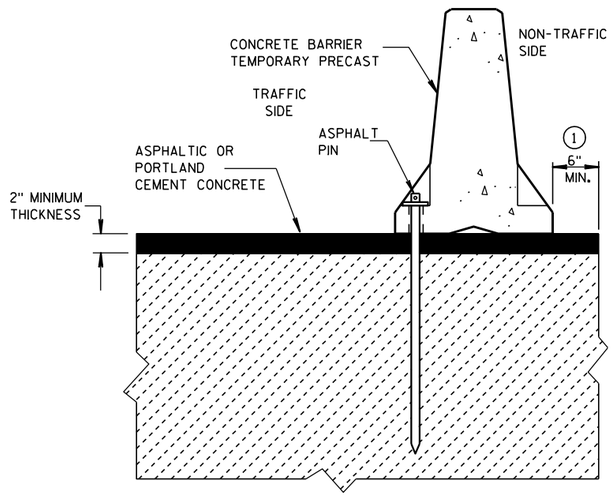
1. CONCRETE BARRIER TEMPORARY PRECAST, 12'-6" SHALL BE ANCHORED IF:
   THE DISTANCE TO A 2 FOOT OR GREATER DROPOFF THAT IS STEEPER THAN 3H : 1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROPOFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROPOFF AND THE POSTED SPEED IS 45 MPH OR GREATER, OR

   THE DISTANCE TO A 2 FOOT OR GREATER DROPOFF THAT IS STEEPER THAN 3H : 1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROPOFF AT THE EDGE OF PAVEMENT. IS LESS THAN 2 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROPOFF AND THE POSTED SPEED IS 40 MPH OR LESS.

2. ANCHORING IS INCIDENTAL TO CONCRETE BARRIER TEMPORARY PRECAST.

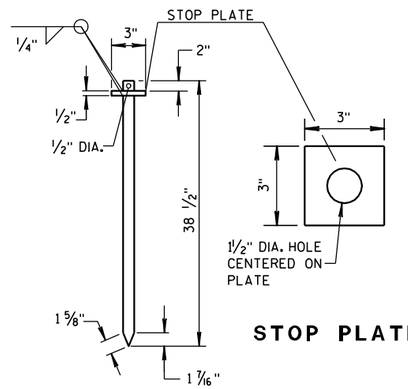
   WITH THE APPROVAL OF THE ENGINEER, REMOVABLE ADHESIVE BONDED (EPOXY) ANCHOR BOLT INSTALLATION MAY BE USED IN LIEU OF THROUGH BOLTED ANCHOR INSTALLATION. THE ADHESIVE BONDED ANCHOR BOLT MUST BE REMOVABLE. USE ASTM (A307) MASONRY ANCHORS TYPE S 1⅛-INCH, EMBEDDED TO A DEPTH SUFFICIENT TO DEVELOP THE ULTIMATE CAPACITY OF THE ANCHOR BOLT AND PROVIDE DOCUMENTATION TO CONFIRM THIS.

   UPON REMOVAL OR RELOCATION OF THE BARRIER UNITS, REMOVE ALLANCHOR BOLTS AND COMPLETELY FILL IN THE REMAINING HOLES IN CONCRETE BRIDGE DECKS, CONCRETE APPROACH SLABS AND CONCRETE PAVEMENTS THAT ARE TO REMAIN, WITH A NON-SHRINK COMMERICAL GROUT OR EPOXY MATERIAL IDENTIFIED ON THE CURRENT WISDOT APPROVED PRODUCTS LIST.



STAKE DOWN INSTALLATION FOR ASPHALTIC OR PORTLAND CEMENT CONCRETE SURFACE

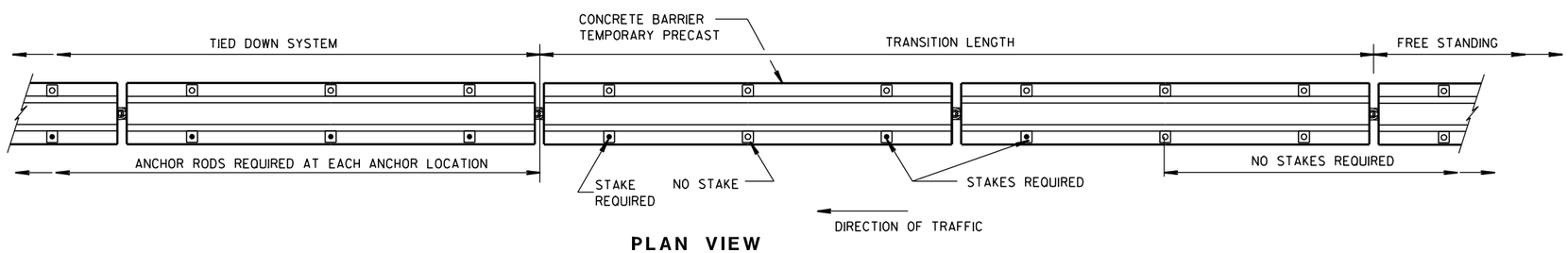
(STAKING IS INCIDENTAL TO CONCRETE BARRIER TEMPORARY PRECAST)



STOP PLATE

ASPHALT PIN

(ASTM A36 STEEL)



PLAN VIEW

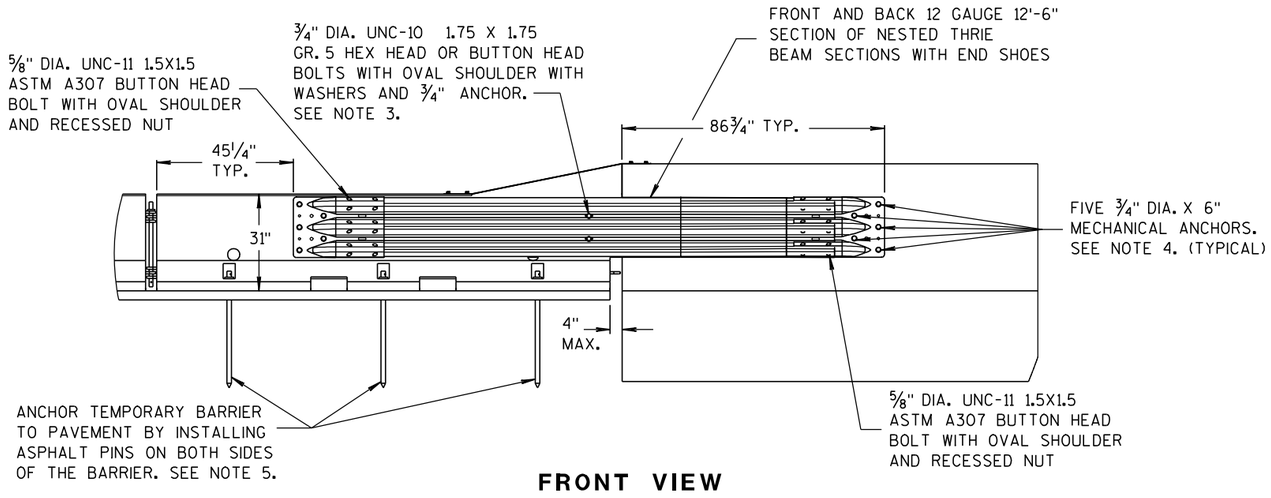
FREE STANDING TRANSITION TO TIED-DOWN SYSTEM

(PLACE TRANSITION IN A TANGENT SECTION OF BARRIER PARALLEL TO THE ROADWAY. IF TRANSITION OCCURS ON STRUCTURAL SLAB, ANCHOR AS SHOWN.)

CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO...

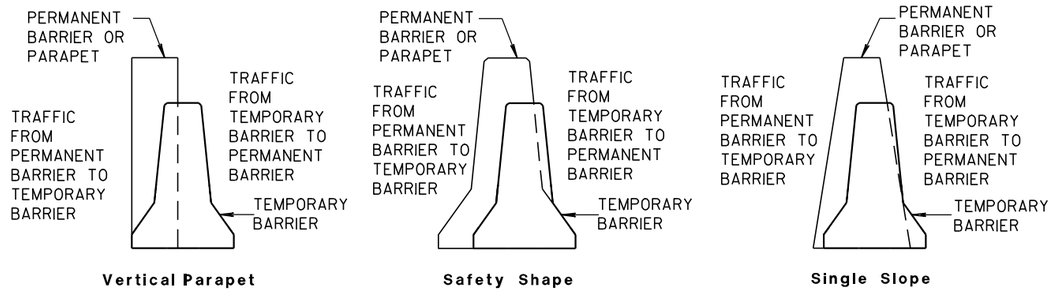
6
S.D.D. 14 B 7-13d



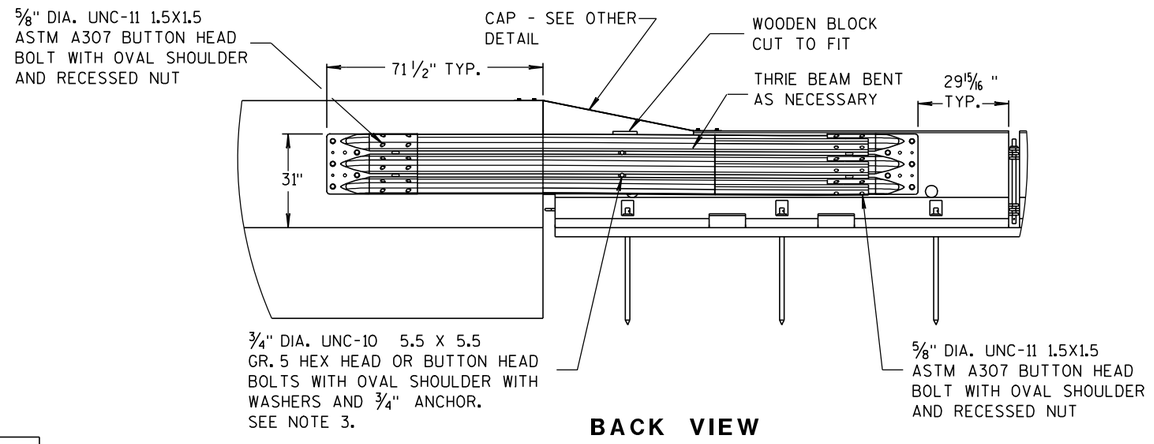
FRONT VIEW

NOTES

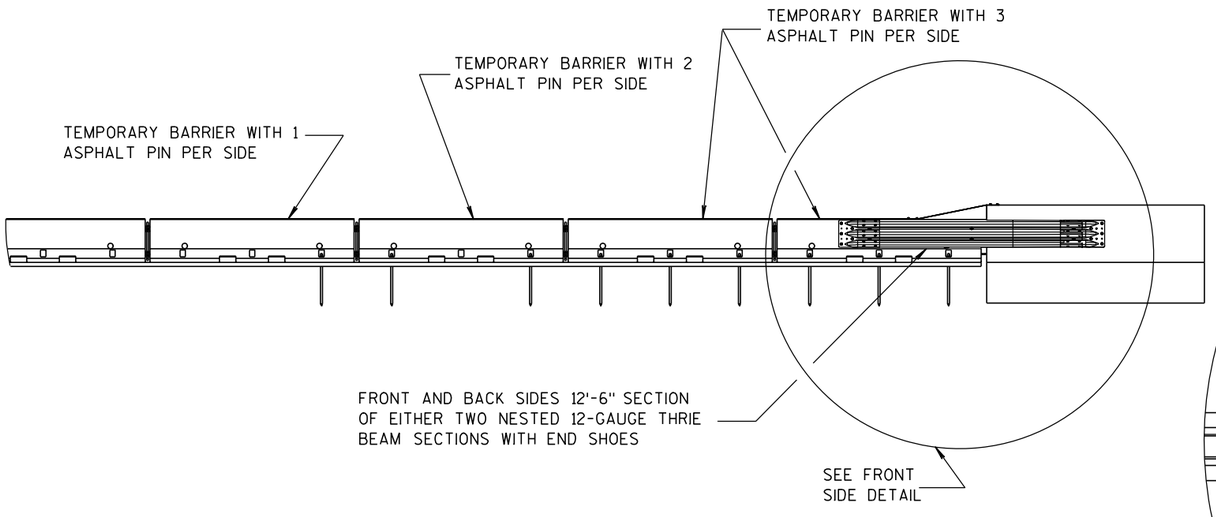
1. CAP END PLATE PLACED FLUSH WITH UPSTREAM END OF PERMANENT BARRIER OR PARAPET.
2. THRIE BEAM PIECES ARE OFFSET 15 1/4" TO PREVENT INTERFERENCE FROM THE ANCHORS ON OPPOSING SIDES.
3. MINIMUM MECHANICAL OR EPOXY ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 9.48 KIPS AND ULTIMATE SHEAR LOAD 10.48 KIPS.
4. MINIMUM MECHANICAL OR EPOXY ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 17.9 KIPS AND ULTIMATE SHEAR LOAD 21.96 KIPS.
5. MAY BE USED ON CONCRETE OR ASPHALT PAVEMENTS. ASPHALT OPTION SHOWN. FOR CONCRETE OPTION SEE OTHER DETAILS.
6. MINIMUM MECHANICAL OR EPOXY ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 12.14 KIPS AND ULTIMATE SHEAR LOAD 17.5 KIPS.



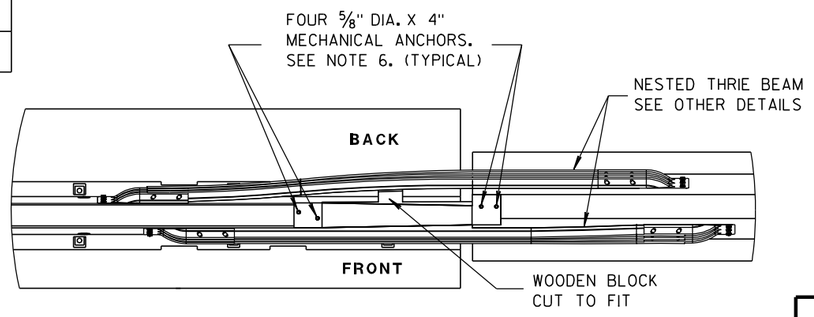
TEMPORARY BARRIER PLACEMENT FOR BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM



BACK VIEW



FRONT VIEW



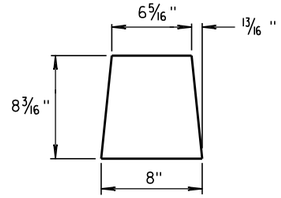
PLAN VIEW

BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM

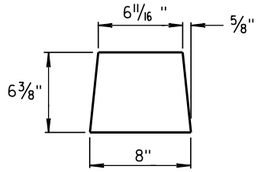
CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

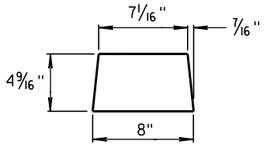
6
S.D.D. 14 B 7-13e



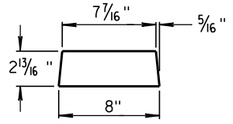
GUSSET 1



GUSSET 2

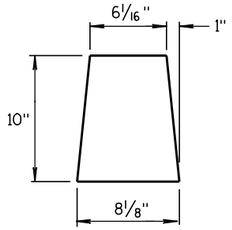


GUSSET 3

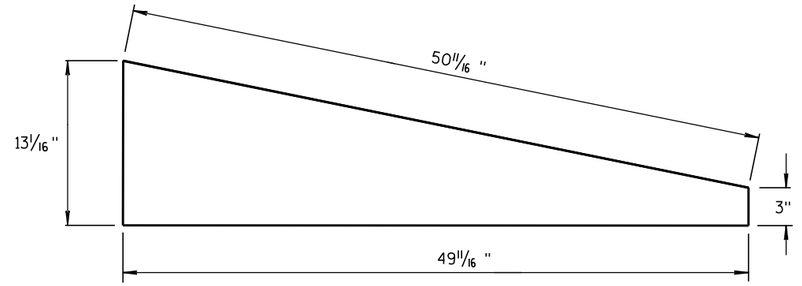


GUSSET 4

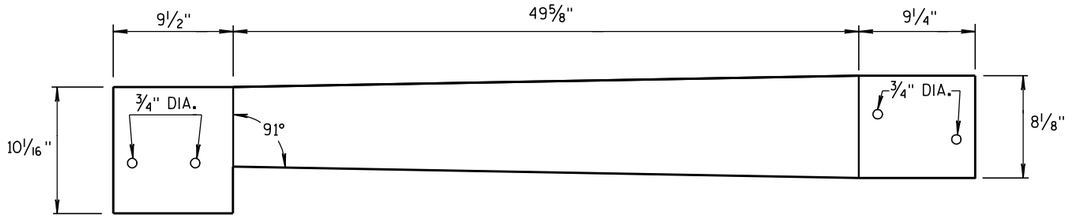
GUSSETS

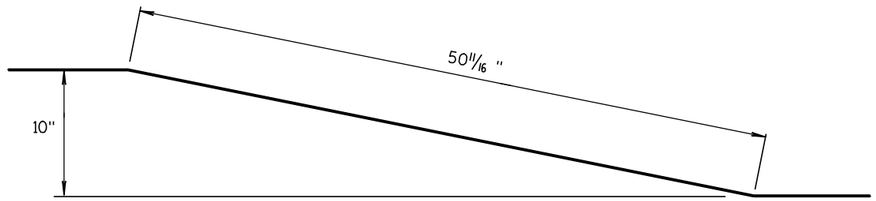


END PLATE

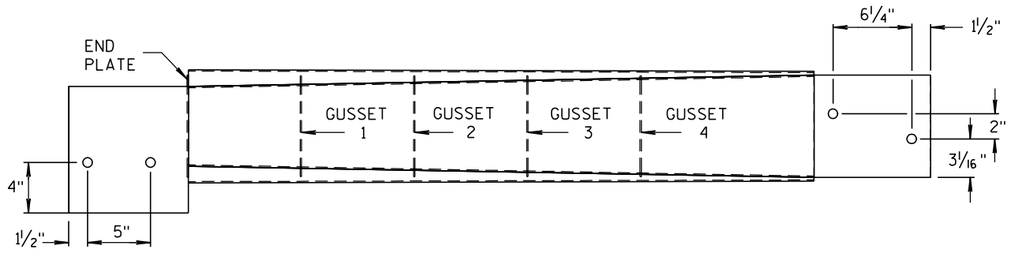


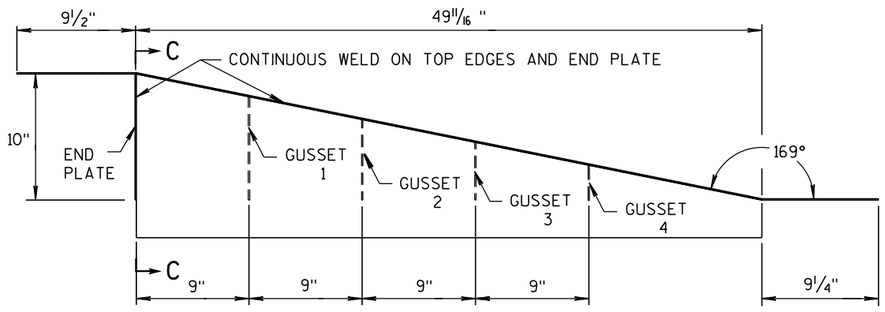
SIDE PLATE

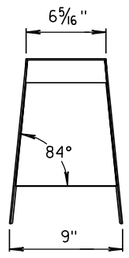




TOP PLATE







SECTION C-C

NOTES

1. FOUR GUSSETS AND END PLATE ARE STITCH WELDED ON THREE SIDES.
2. TWO TRIANGULAR SIDE PLATES ARE STITCH WELDED TO TOP PLATE, END PLATE, AND GUSSETS.

CAP DETAILS FOR TEMPORARY CONCRETE BARRIER TO 42" PERMANENT CONCRETE BARRIER

SIDE, TOP AND END PLATES FOR CAP FROM TEMPORARY CONCRETE BARRIER TO 42" PERMANENT CONCRETE BARRIER

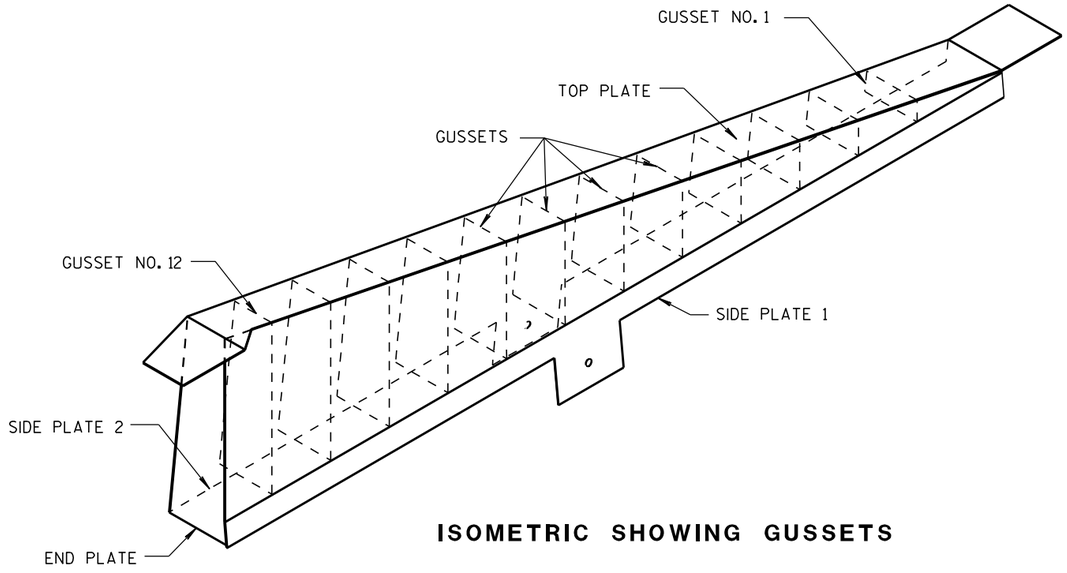
SIDE PLATES, TOP PLATE, END PLATE AND GUSSETS ARE 12 GAUGE ASTM A36 GALVANIZED STEEL.

CONCRETE BARRIER
TEMPORARY PRECAST, 12'-6"

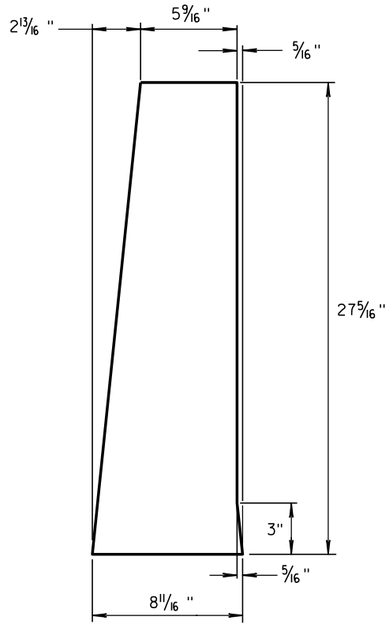
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

S.D.D. 14 B 7-13f

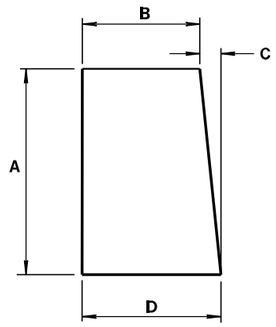


ISOMETRIC SHOWING GUSSETS



END PLATE

1/8" STEEL PLATE



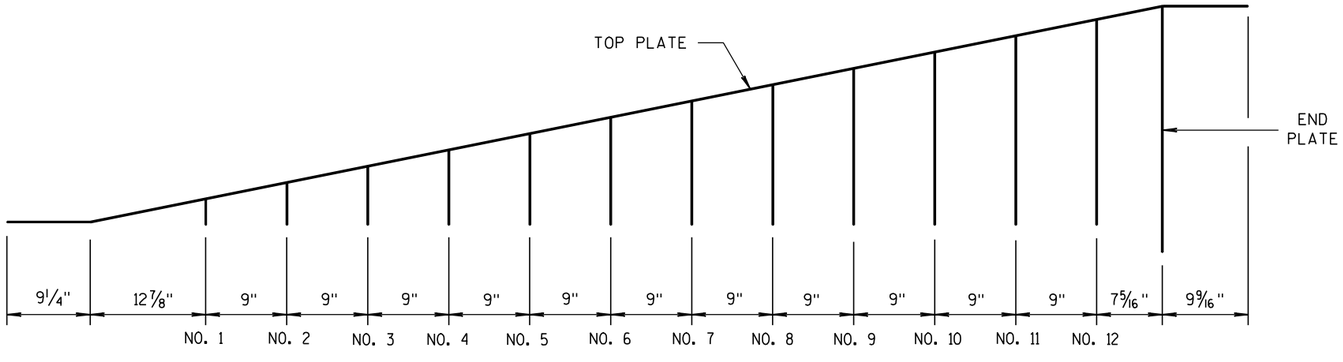
GUSSETS 1 - 12

ALL GUSSETS 1/8" STEEL PLATE

GUSSET DIMENSIONS				
GUSSET NO.	A	B	C	D
1	2 7/8"	7 3/4"	1/4"	8
2	4 11/16 "	7 9/16 "	1/2"	8
3	6 1/2"	7 3/8"	11/16 "	8 1/16 "
4	8 5/16 "	7 3/16 "	7/8"	8 1/16 "
5	10 1/8"	7"	1 1/16 "	8 1/16 "
6	11 15/16 "	6 13/16 "	1 1/4"	8 1/16 "
7	13 3/4"	6 5/8"	1 7/16 "	8 1/16 "
8	15 9/16 "	6 7/16 "	1 9/16 "	8 1/16 "
9	17 3/8"	6 1/4"	1 13/16 "	8 1/16 "
10	19 3/16 "	6 1/16 "	1 15/16 "	8 1/16 "
11	21"	5 7/8"	2 3/16 "	8 1/16 "
12	22 13/16 "	5 11/16 "	2 5/16 "	8 1/16 "

SIDE PLATES, TOP PLATE, END PLATE AND GUSSETS ARE 12 GAUGE ASTM A36 STEEL AND GALVANIZED.

GUSSETS AND END PLATE ARE STITCH WELDED ON 3 SIDES. TWO TRIANGULAR SIDE PLATES ARE STITCH WELDED TO TOP PLATE, END PLATE AND GUSSETS.



GUSSET LOCATION

CAP DETAILS FOR TEMPORARY CONCRETE BARRIER TO 56" PERMANENT CONCRETE BARRIER

CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

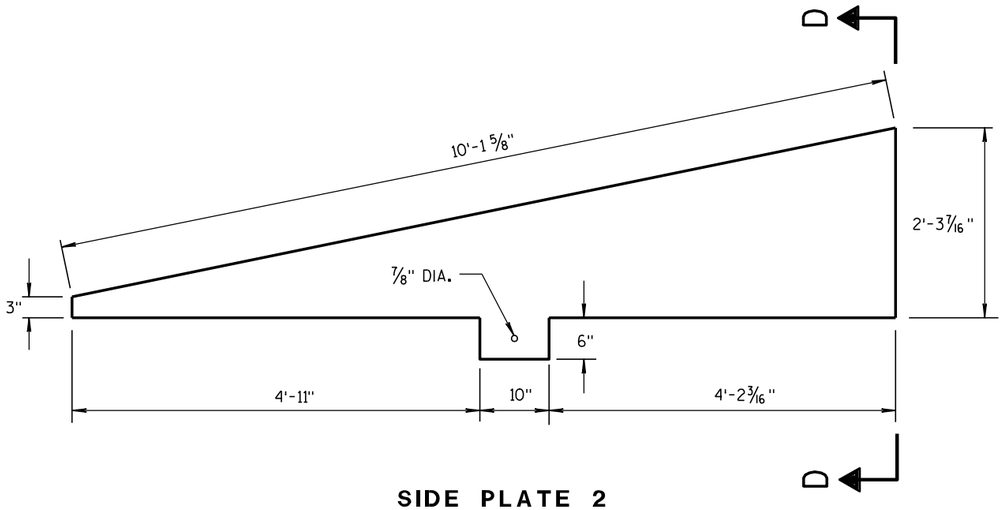
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

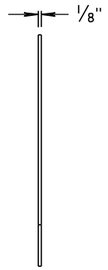
S.D.D. 14 B 7-13g

6

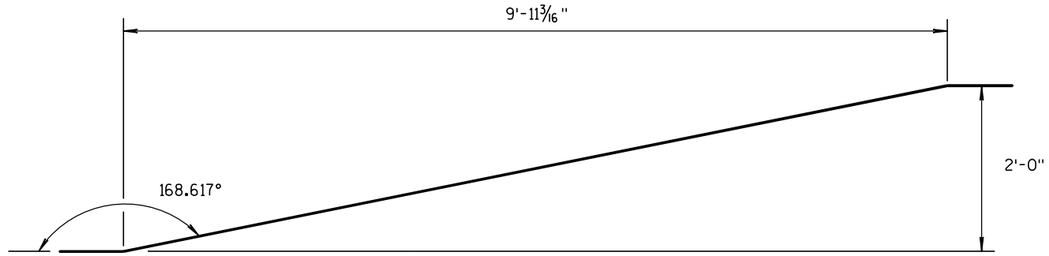
S.D.D. 14 B 7-13g



SIDE PLATE 2

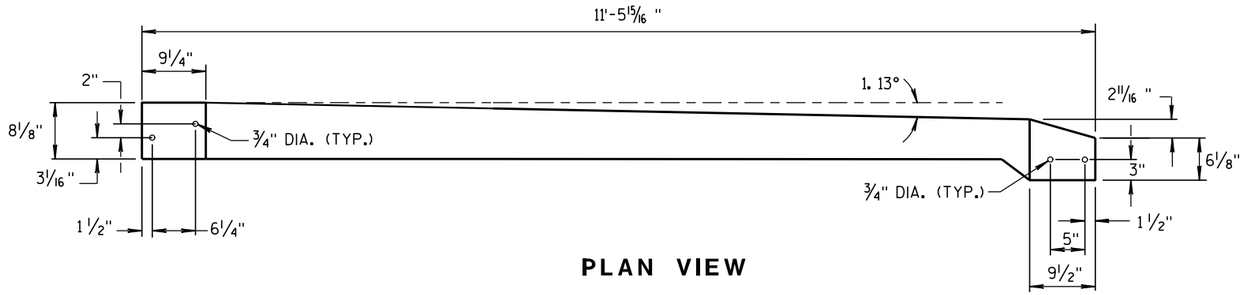


END VIEW



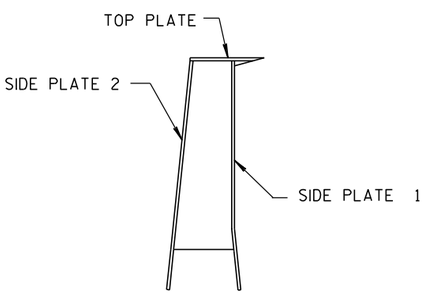
SIDE VIEW

TOP PLATE

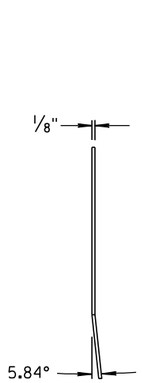


PLAN VIEW

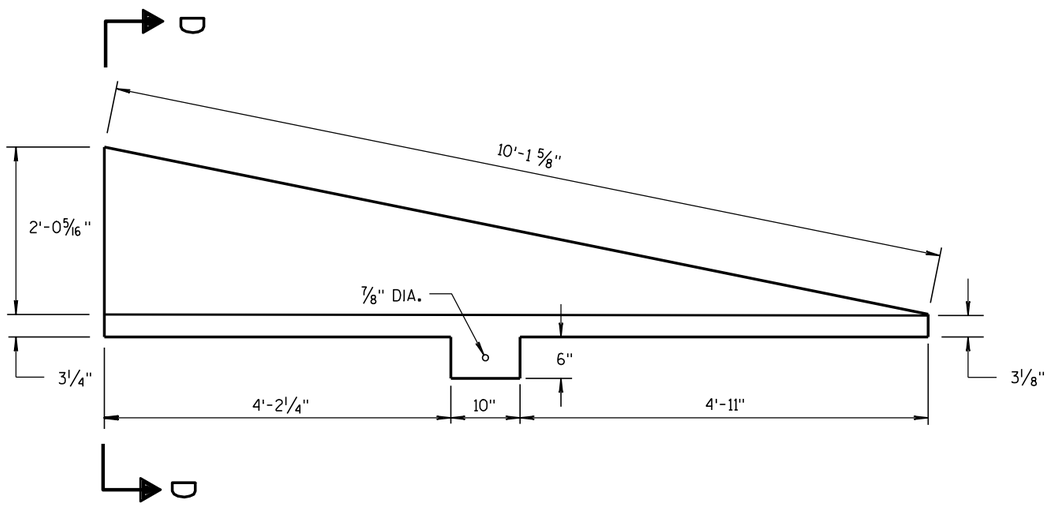
TOP PLATE



SECTION D-D



END VIEW



SIDE PLATE 1

CAP DETAILS FOR TEMPORARY CONCRETE BARRIER TO 56" PERMANENT CONCRETE BARRIER

CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED 8/31/2012 DATE /S/ Jerry H. ROADWAY STANDARDS ENGINEER 216 ENT FHWA

6

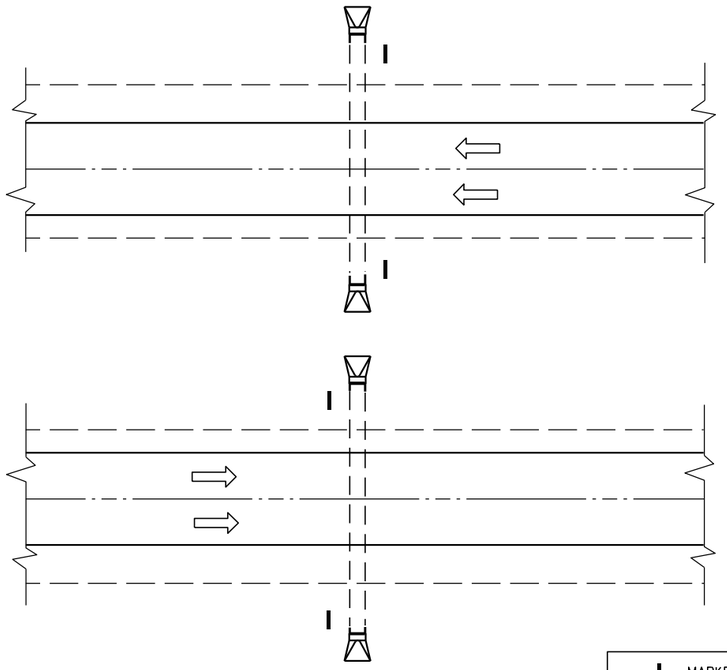
S.D.D. 14 B 7-13h

6

S.D.D. 14 B 7-13h

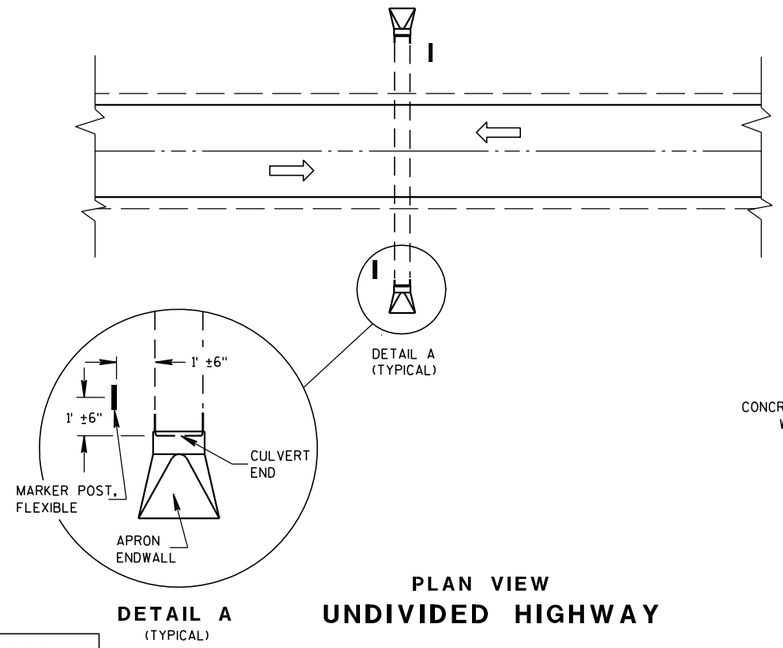
GENERAL NOTES

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

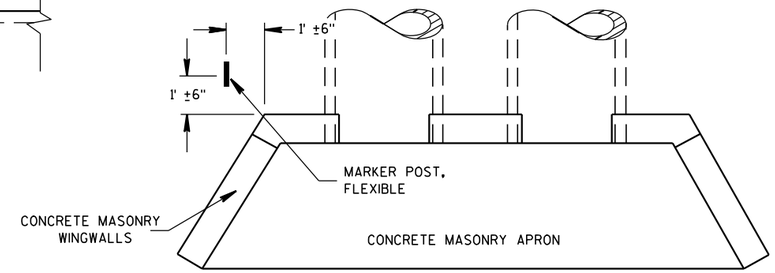
DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

UNDIVIDED HIGHWAY

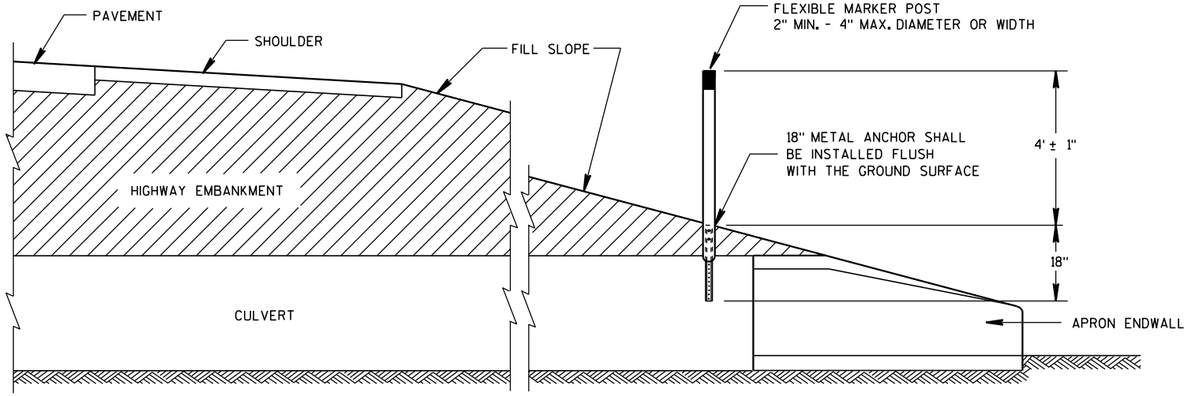


PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

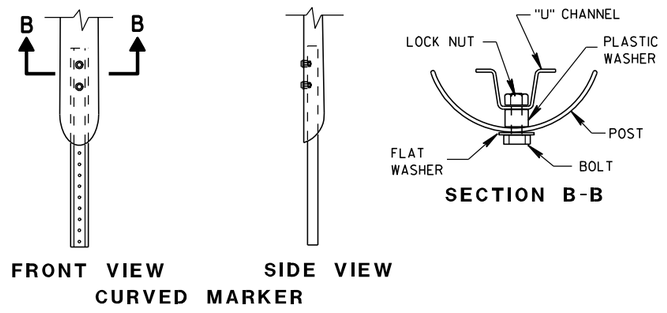
MARKER POST, FLEXIBLE	
DIRECTION OF TRAFFIC FLOW	

FLEXIBLE MARKER POST LOCATION



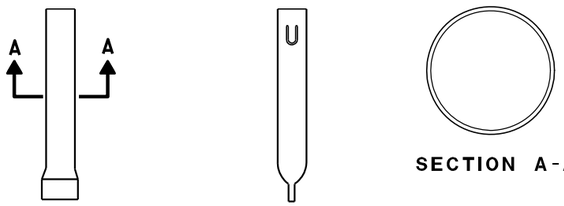
CROSS SECTION

FLEXIBLE MARKER POST



FRONT VIEW SIDE VIEW
CURVED MARKER

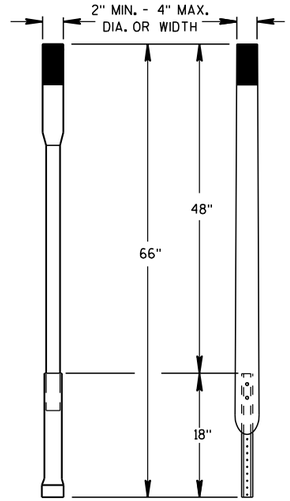
SECTION B-B



FRONT VIEW SIDE VIEW
ROUND MARKER

SECTION A-A

FLEXIBLE MARKER POST ANCHORS



ALTERNATE 1 ALTERNATE 2

FLEXIBLE MARKER POST

MARKER POST, FLEXIBLE, FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

10/1/98 — DATE

/S/ Rory L. Rhinesmith — CHEIF ROADWAY DEVELOPMENT ENGINEER

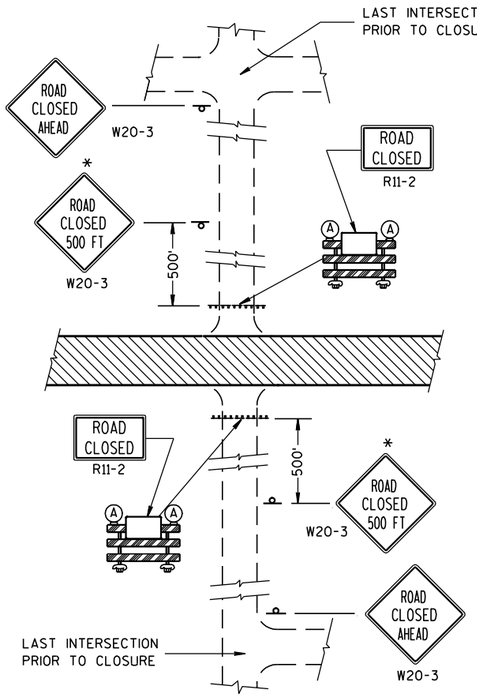
FHWA

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S.D.D. 15 A 3-1

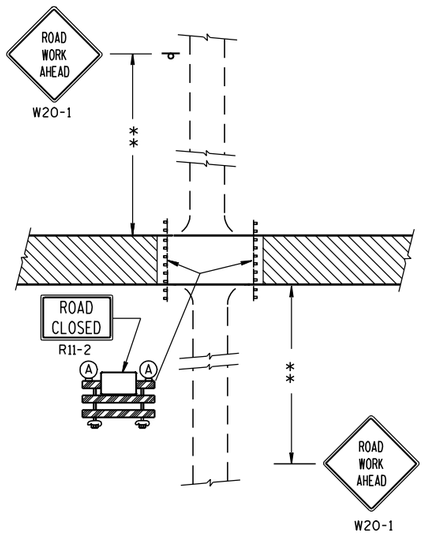
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S.D.D. 15 A 3-1



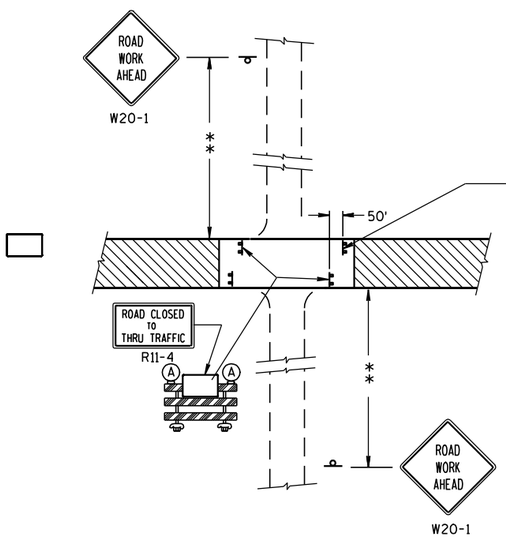
DETAIL 1

(NO ACCESS TO PROJECT)



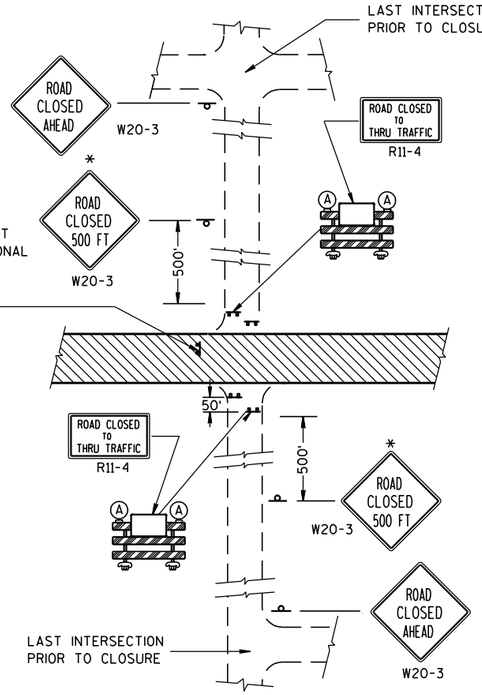
DETAIL 2

(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.

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 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

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

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

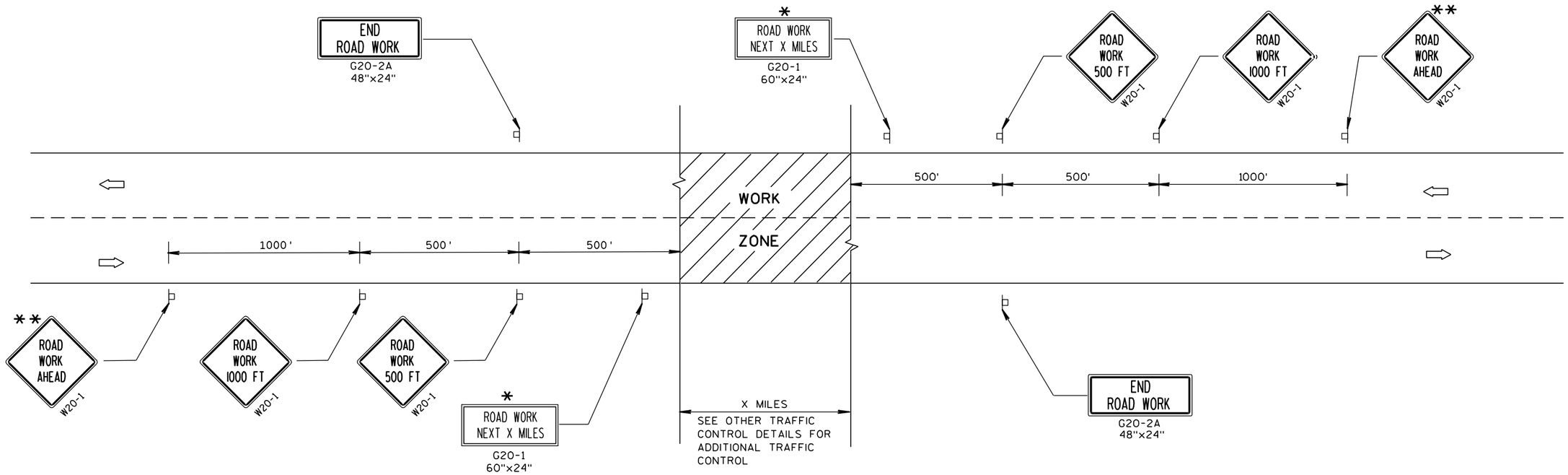
9-16-03 DATE

/S/ Thomas N. N- [illegible] CHIEF SIGNS AND MAR [illegible] INEER

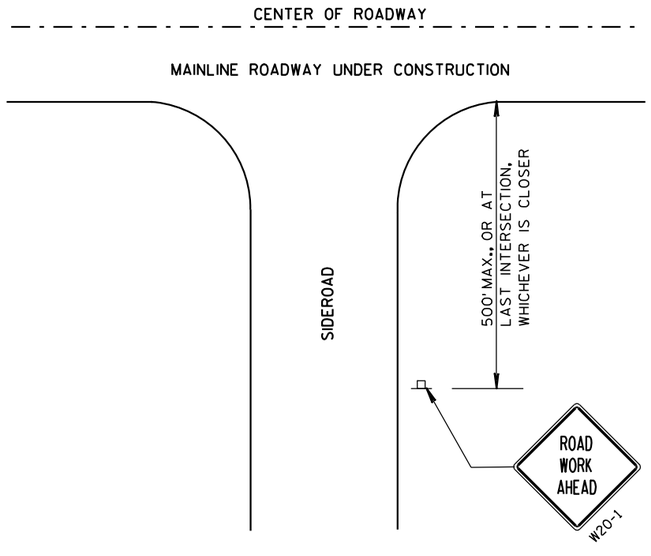
FHWA

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S.D.D. 15 C 3-1



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 OR SIGNING.

LEGEND

POST MOUNTED SIGN

DIRECTION OF TRAFFIC FLOW

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

5/23/00 DATE — /S/ Chester J. [illegible] CHIEF SIGNS AND MARKING ENGINEER

FHWA

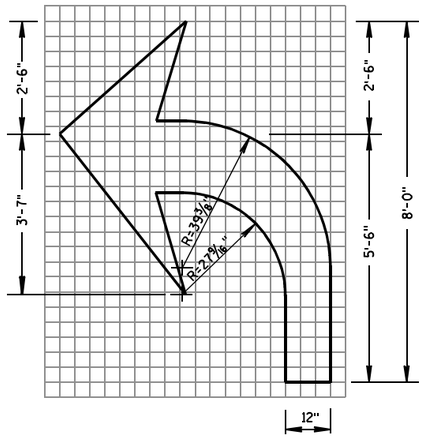
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S.D.D. 15 C 4-1

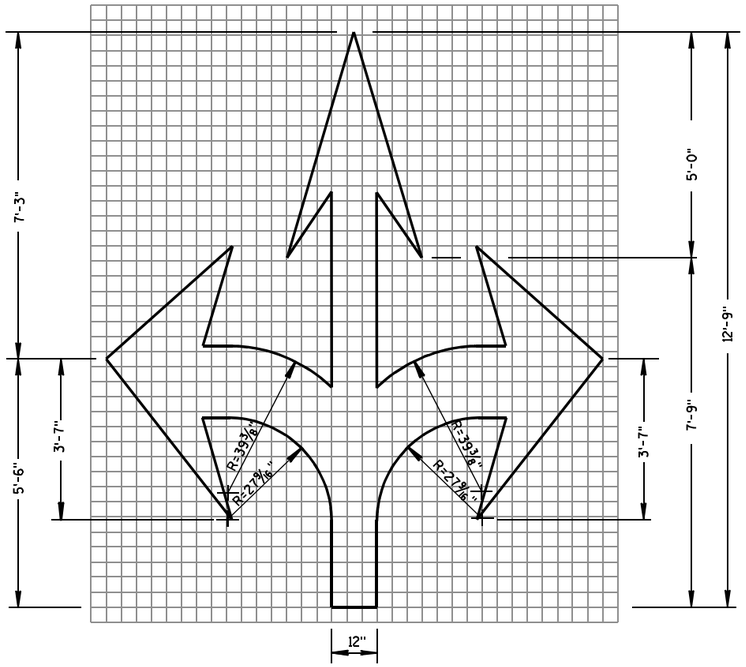
GENERAL NOTES

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

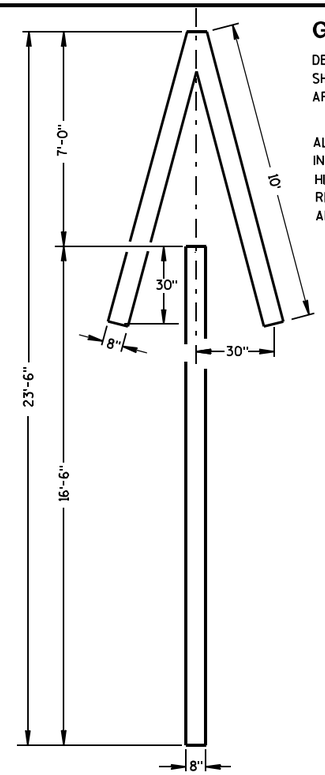
ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES OF THAT BOOK ARE ACCEPTABLE.



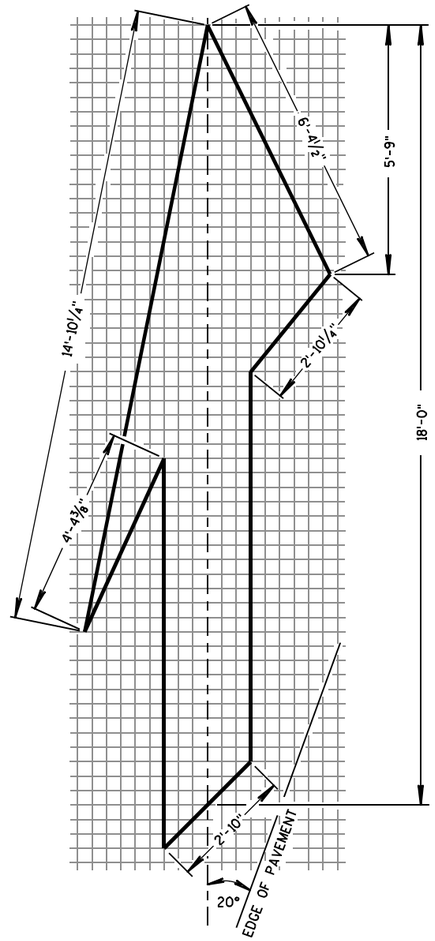
TYPE 2



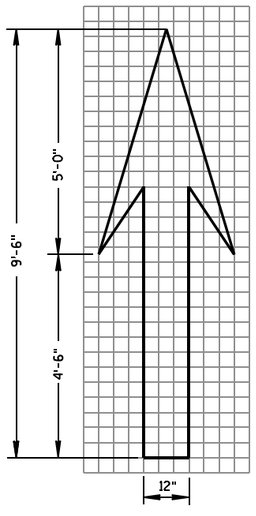
TYPE 6



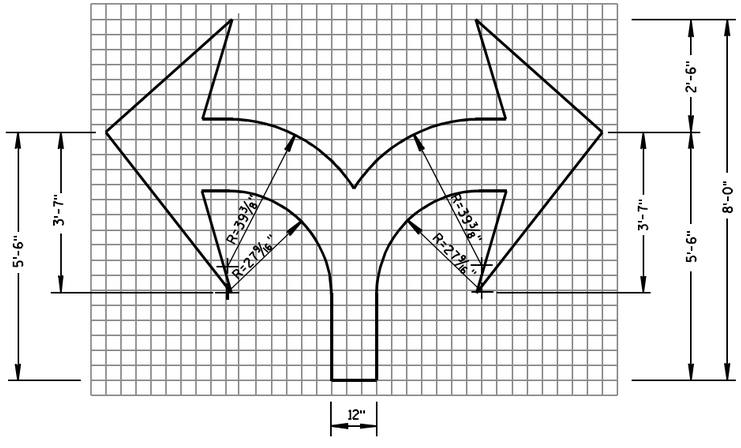
TYPE 4



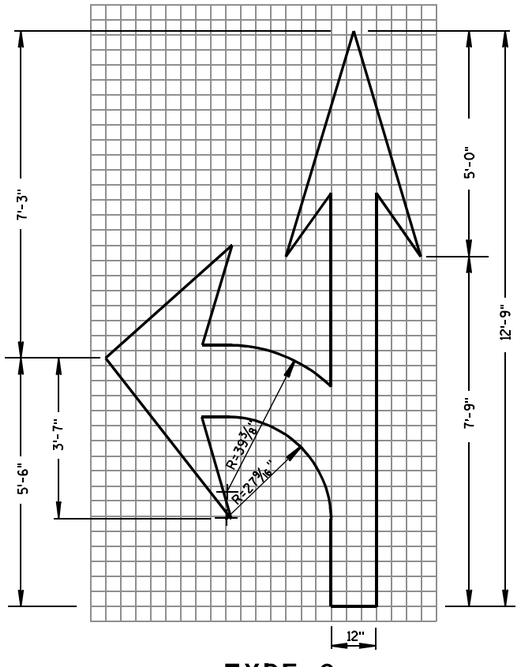
TYPE 5 LANE DROP ARROW



TYPE 1



TYPE 7



TYPE 3

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

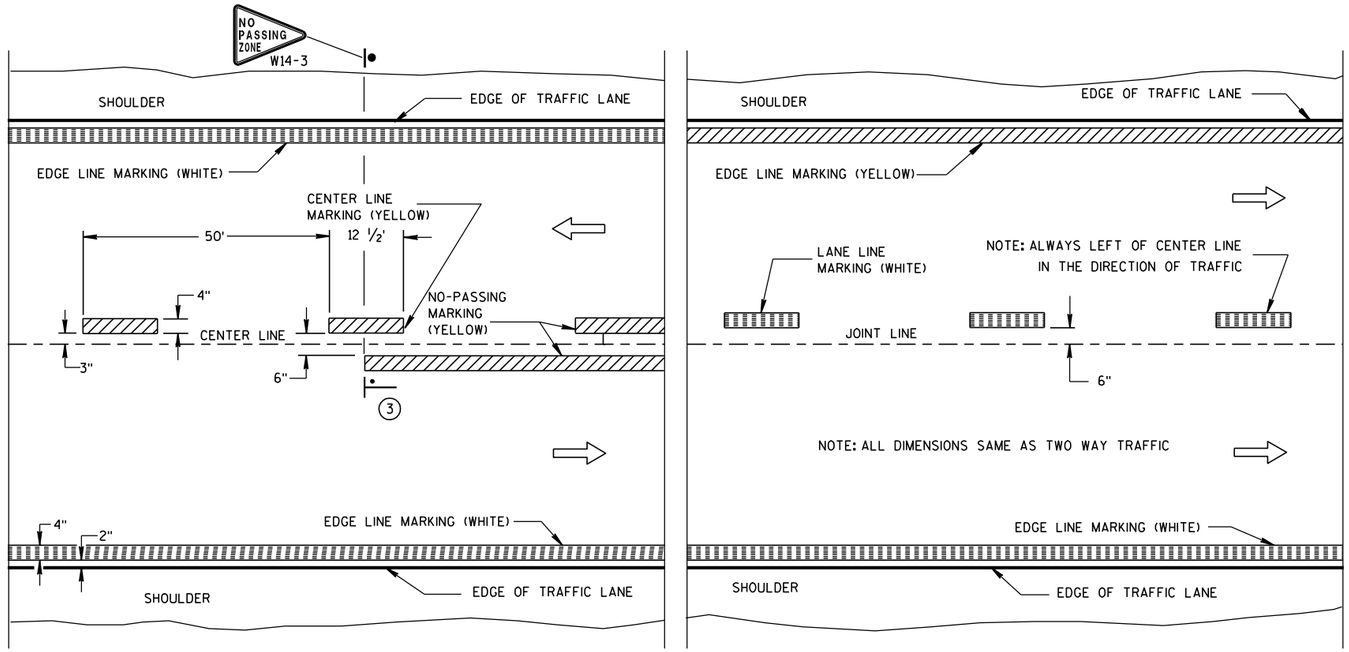
7/1/11 — DATE

/S/ Thomas N. Nothdurft — STATE TRAFFIC ENGINEER

FHWA

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S.D.D. 15 C 7-12c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

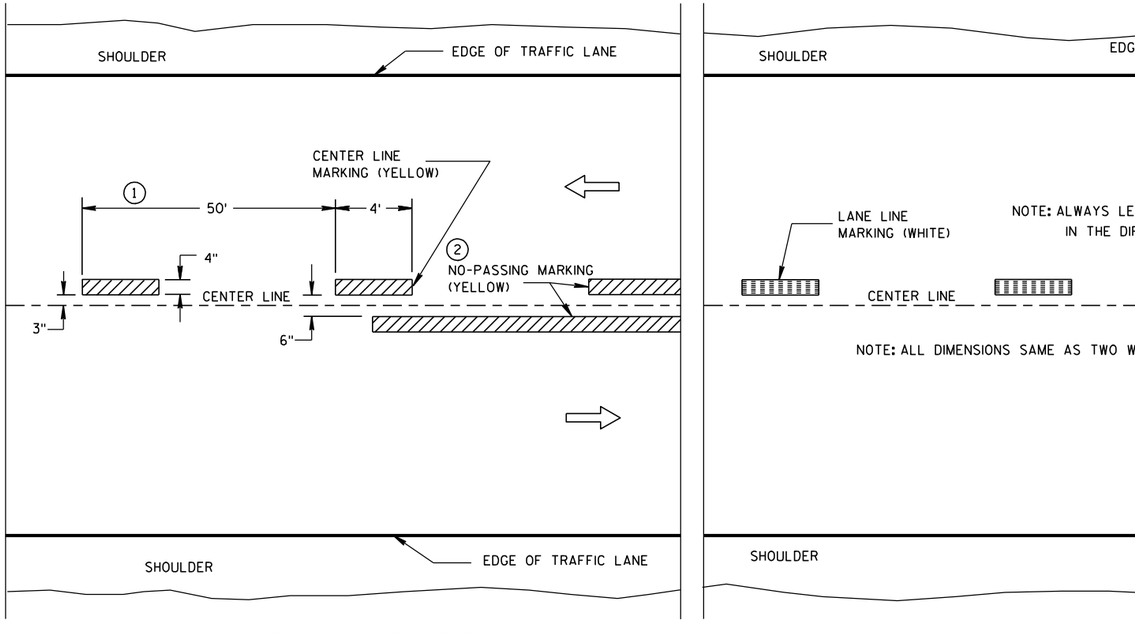
(1) HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.

(2) NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.

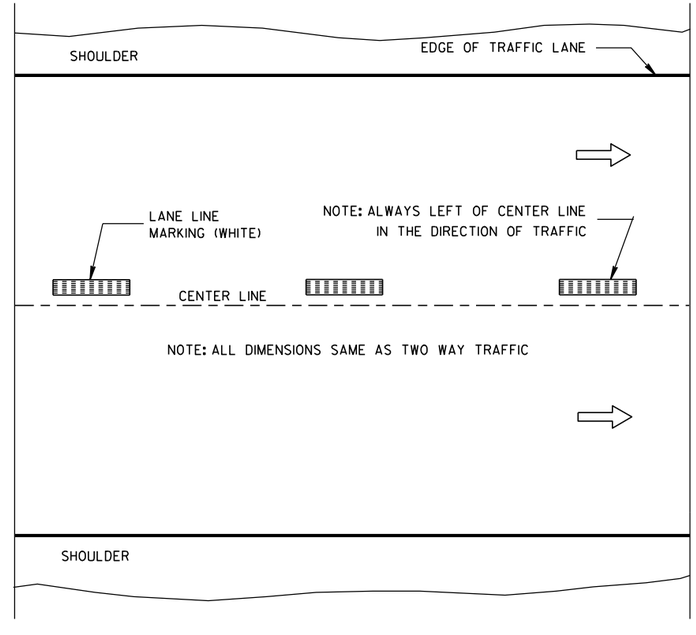
(3) NO PASSING ZONE MARKINGS ARE PLACED ACCORDING TO "T" MARKINGS. IF EXISTING NO PASSING ZONE W14-3 SIGNS ARE BEYOND 50 FEET IN EITHER DIRECTION, THE SIGNS SHALL BE MOVED TO THE "T" MARKINGS.

NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



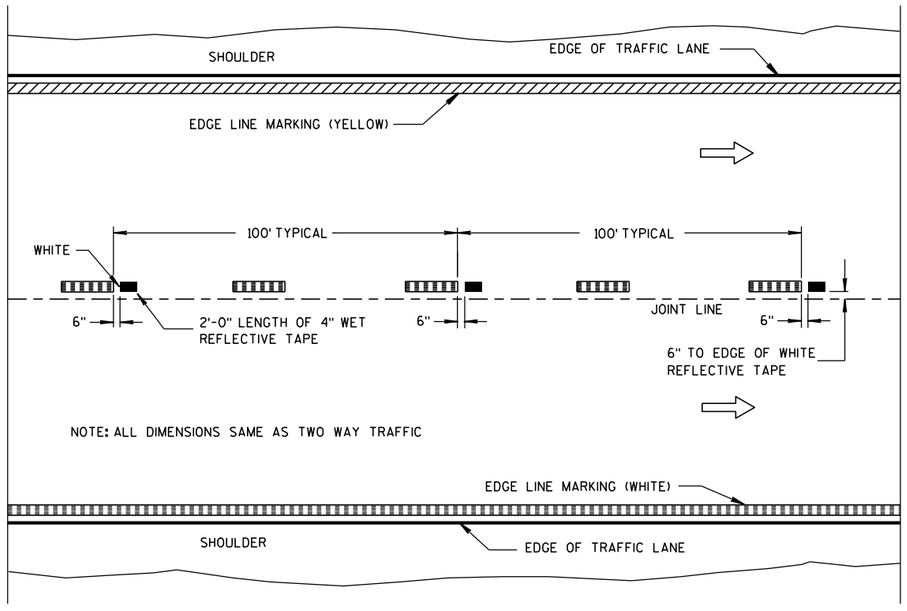
TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING

(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)



WET REFLECTIVE TAPE SUPPLEMENT TO SPRAYED OR NON WET REFLECTIVE TAPE LANE LINE

LEGEND

"T" MARKING

POST MOUNTED SIGN

PAVEMENT MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

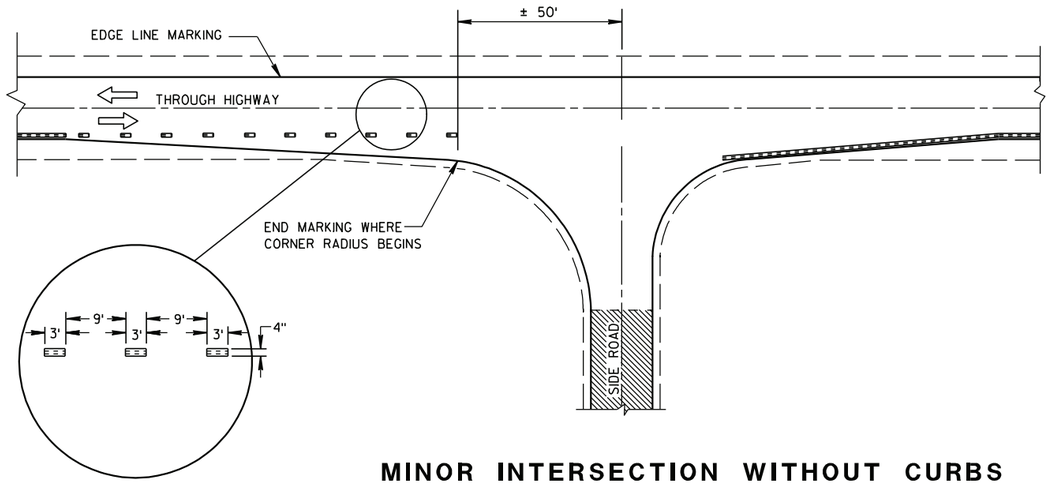
APPROVED
6-23-11 DATE
/S/ Thomas N. Notbohm
STATE TRAFFIC ENGINEER
FHWA

6

S.D.D. 15 C 8-14a

6

S.D.D. 15 C 8-14a



MINOR INTERSECTION WITHOUT CURBS

GENERAL NOTES

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

(1) WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.

(2) WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.

(3) ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.

(4) THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.

(5) BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.

(6) BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

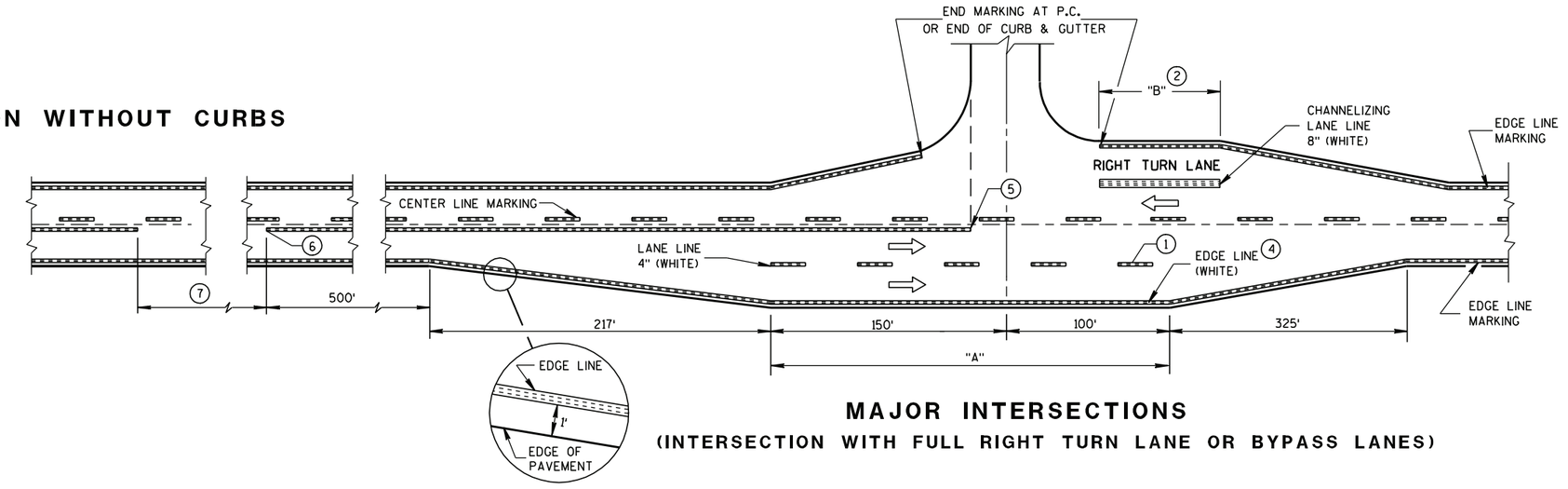
(7) IF THE DISTANCE BETWEEN 2 SUCCESSIVE NO-PASSING ZONES IS LESS THAN THE MINIMUM DISTANCE BETWEEN ZONES, CONNECT THE 2 ZONES.

(8) 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.

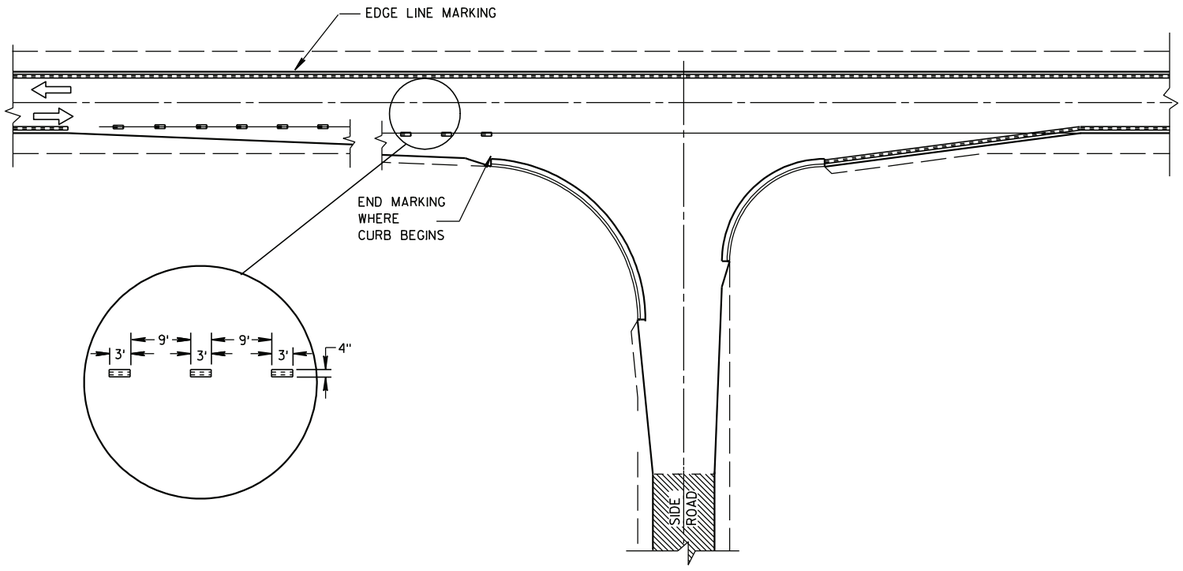
ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

(7)

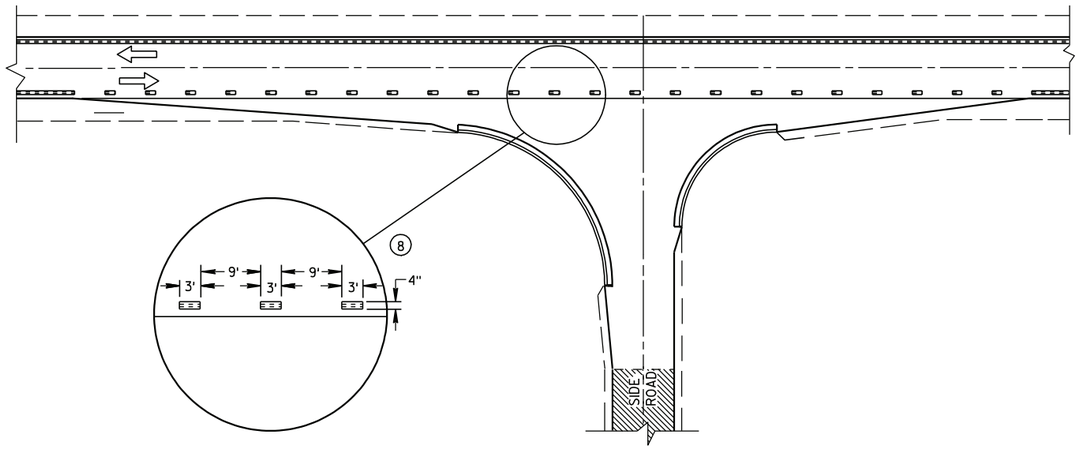
POSTED SPEED (MPH)	MINIMUM DISTANCE BETWEEN ZONES (FEET)
25 - 30	528
35 - 40	528
45 - 50	686
55	792



MAJOR INTERSECTIONS
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)



MINOR INTERSECTION WITH CURBS
(TYPICAL MARKING)



MINOR INTERSECTION WITH CURBS
(3) (FOR SPECIAL CONDITIONS AS SPECIFIED)

PAVEMENT MARKING (INTERSECTIONS)

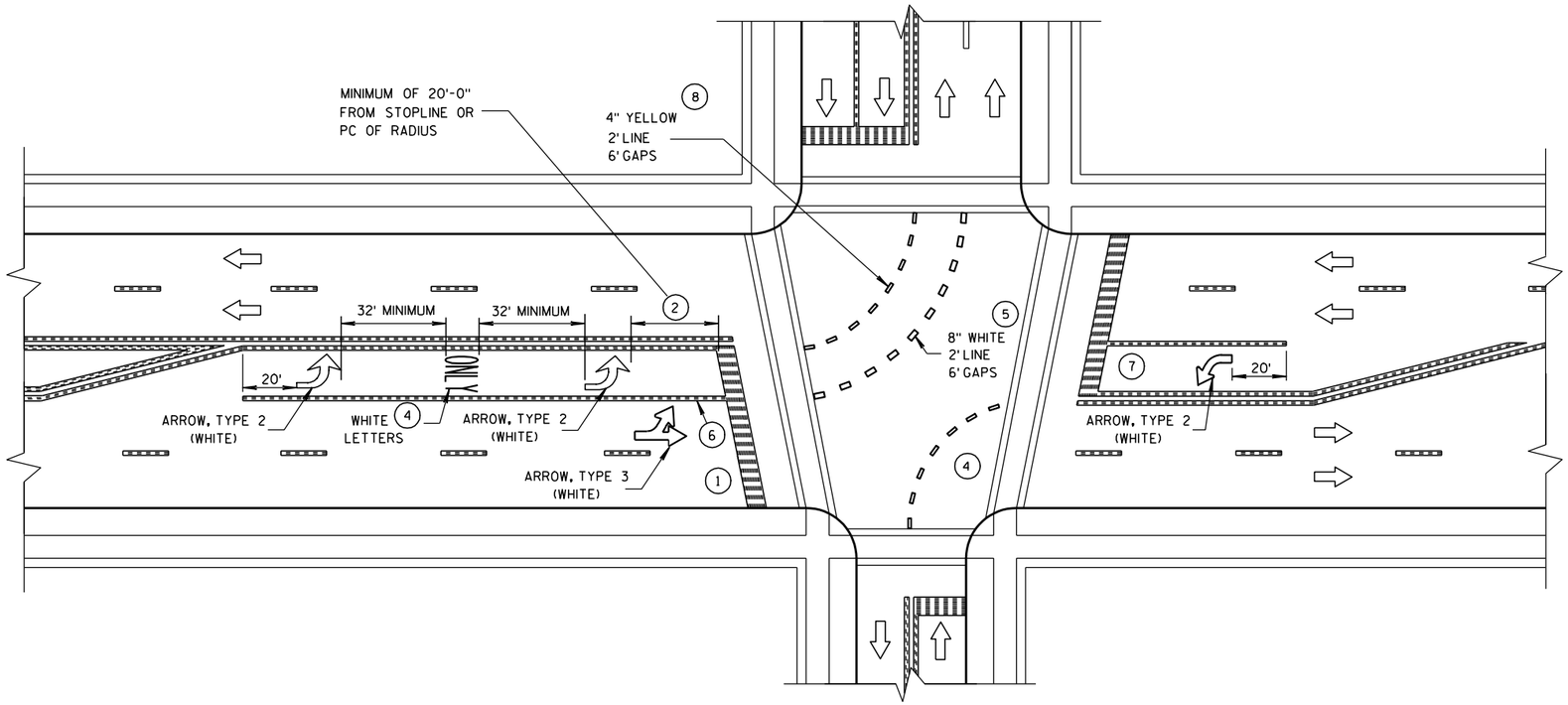
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

S.D.D. 15 C 8-14b

6

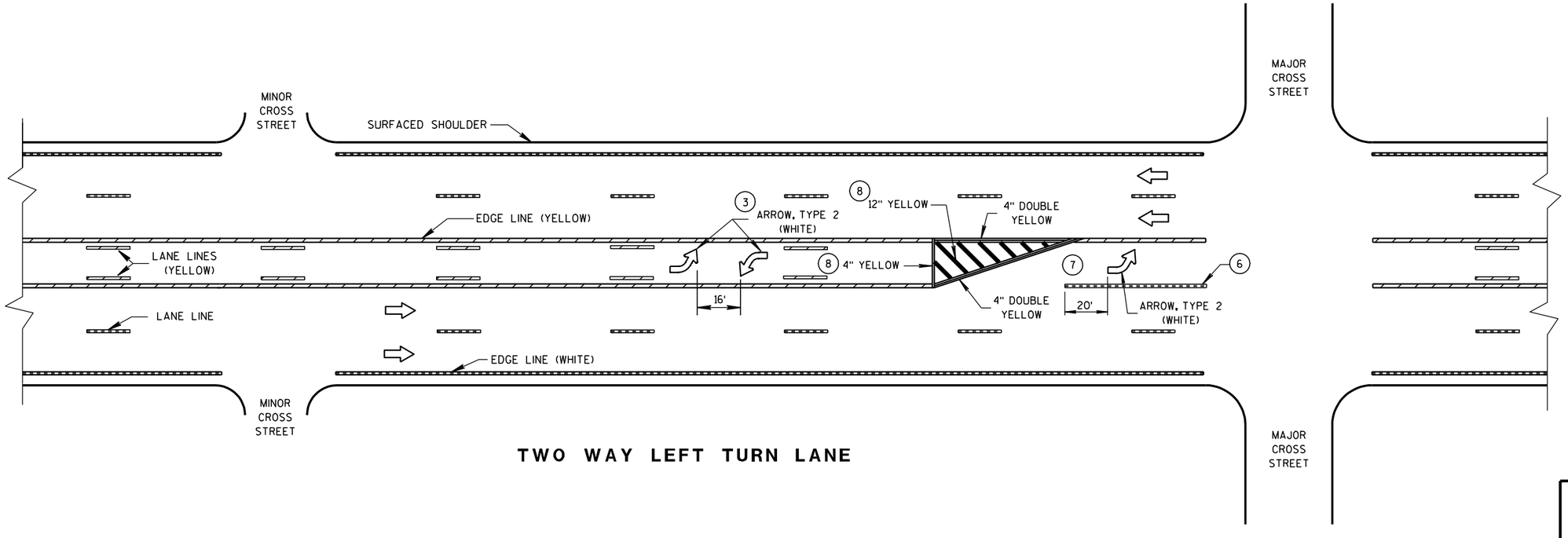
S.D.D. 15 C 8-14b



GENERAL NOTES

1. STOP BAR IS REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
2. DISTANCE MAY BE ADJUSTED TO ACCOMODATE SHORT LEFT TURN LANES. AS APPROVED BY THE ENGINEER.
3. A SET OF ARROWS IS REQUIRED EVERY 400' OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
4. ADD EXTRA ARROW AND ONLY PER 160' OR WHEN ON A CURVE.
5. 8" WHITE WITH 2' LINE 6' GAPS FOR DUAL TURN LANE.
6. 8" WHITE
7. ADD SECOND ARROW WHEN TURN BAY IS GREATER THAN OR EQUAL TO 108'.
8. REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL



TWO WAY LEFT TURN LANE

PAVEMENT MARKING
(LEFT TURN LANE)

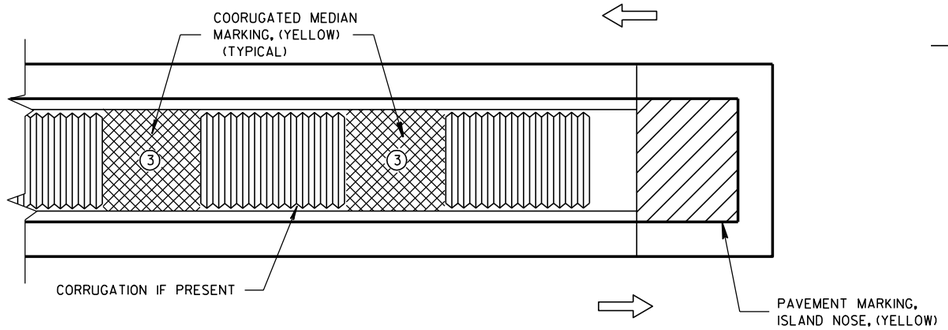
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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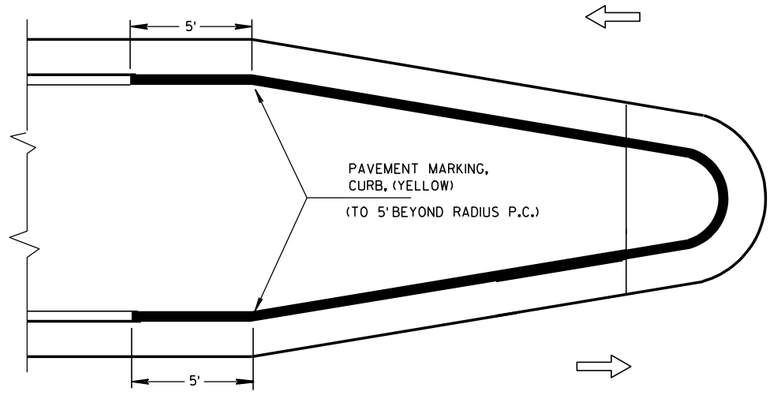
S.D.D. 15 C 8-14e

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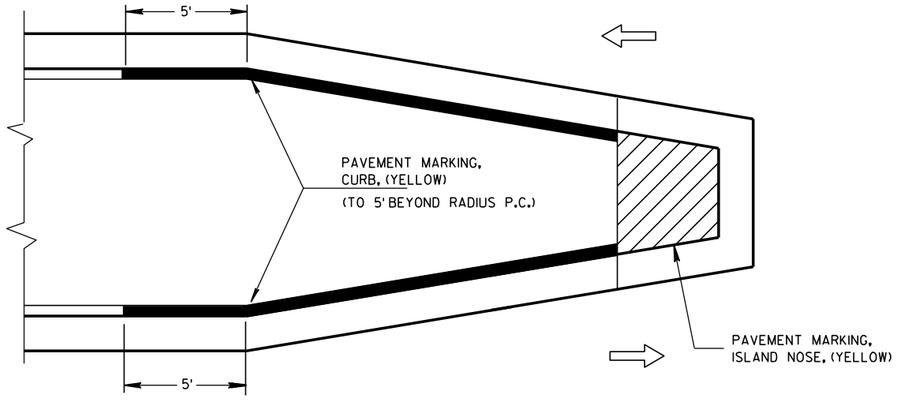
S.D.D. 15 C 8-14e



MEDIAN ISLAND WITH SQUARE BLUNT NOSE

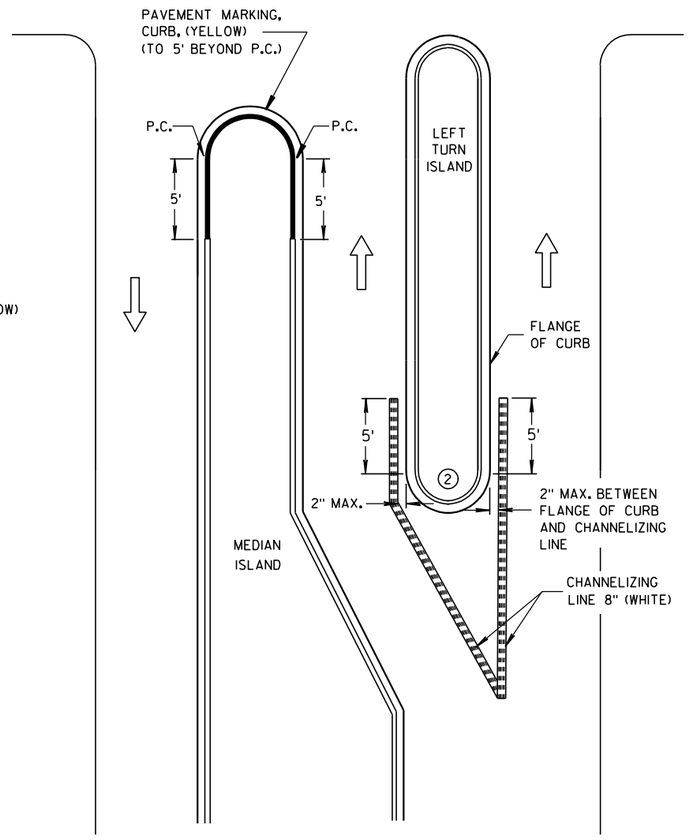


MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

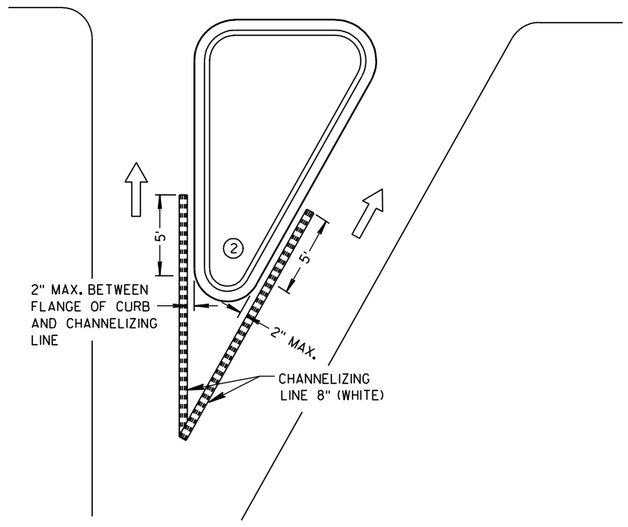
TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS



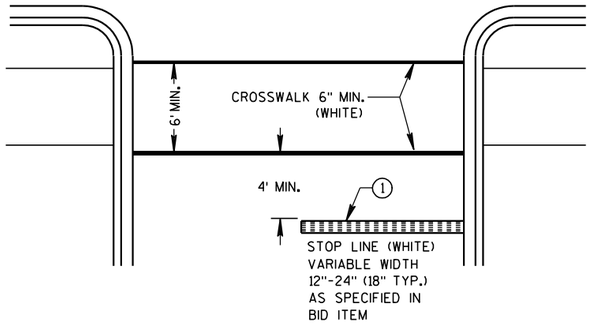
LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

1. STOP LINE IS REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
2. DO NOT MARK CURB NOSES THAT SEPARATE LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION.
3. WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.



RIGHT TURN ISLAND



STOP LINE AND CROSSWALK

LEGEND

- ISLAND NOSE MARKING
- CURB MAKING
- CORRUGATED MEDIAN MARKING
- DIRECTION OF TRAVEL

PAVEMENT MARKING (ISLANDS, STOP LINE & CROSS WALK)

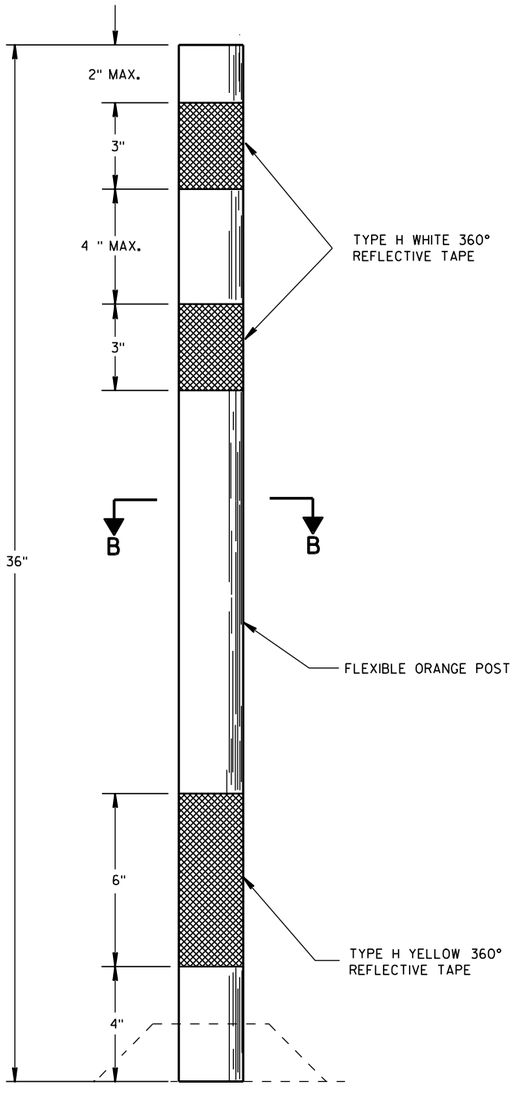
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

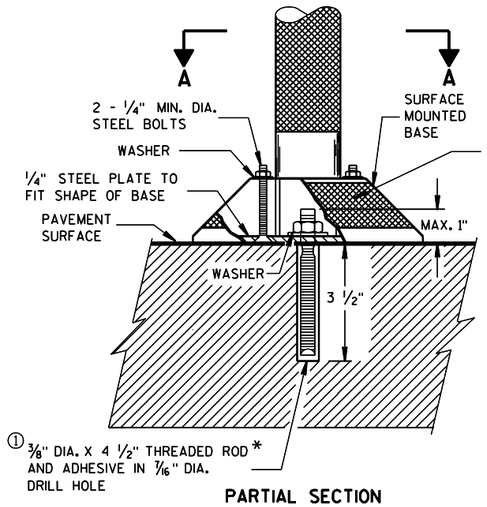
S.D.D. 15 C 8-14f

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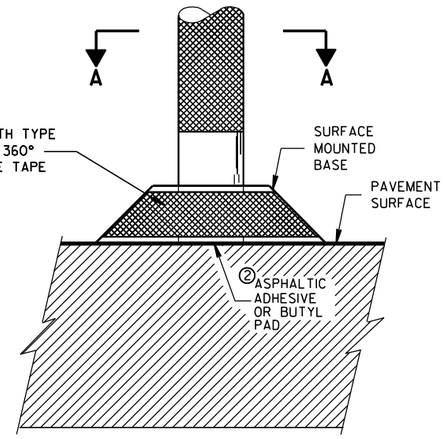
S.D.D. 15 C 8-14f



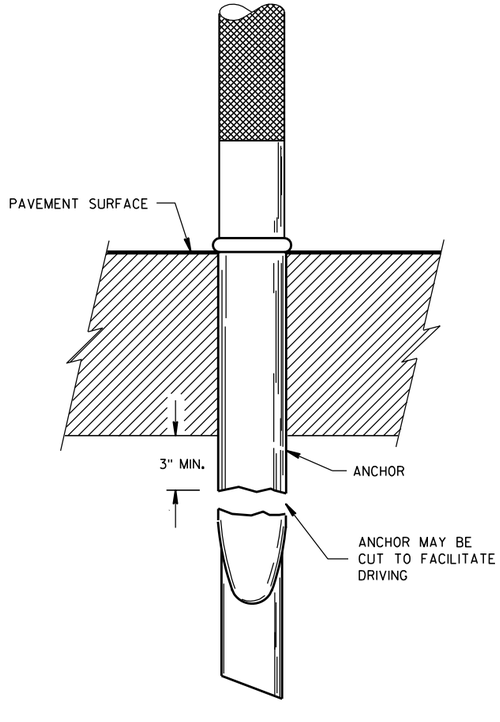
FLEXIBLE TUBULAR MARKER POST

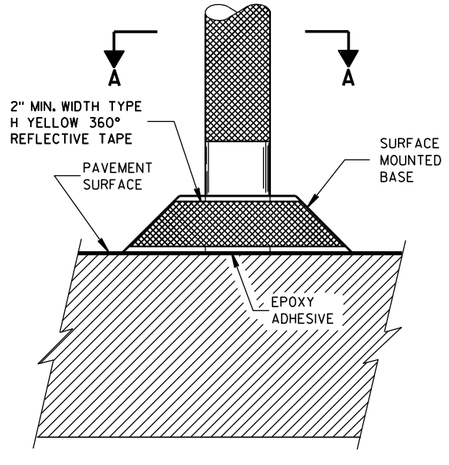


PARTIAL SECTION TO SHOW BOLTS



POST BASES ON NEW OR EXISTING PAVEMENT





POST ANCHOR AND BASE ON PAVEMENT WHICH WILL BE REMOVED

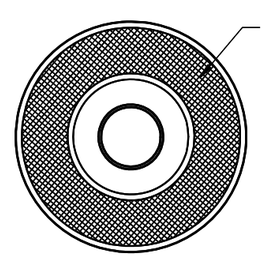
GENERAL NOTES

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

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

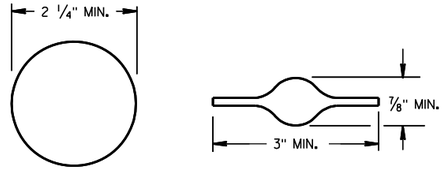
① THREADED ROD SHALL BE MACHINED DOWN TO 0.280 INCH DIA. 1 1/4 INCHES FROM THE TOP.

② THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.



SECTION A-A

SURFACE MOUNTED BASE



SECTION B-B

ALTERNATIVE SHAPES

FLEXIBLE TUBULAR MARKER POST, ANCHOR & BASES
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED 2/17/94 DATE /S/ Chester J. [illegible] DIRECTOR, OFFICE O 225 FHWA

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S.D.D. 15 C 11-5

6

S.D.D. 15 C 11-5

TWO-LANE ROADWAY

SYMBOLS

WORK AREA

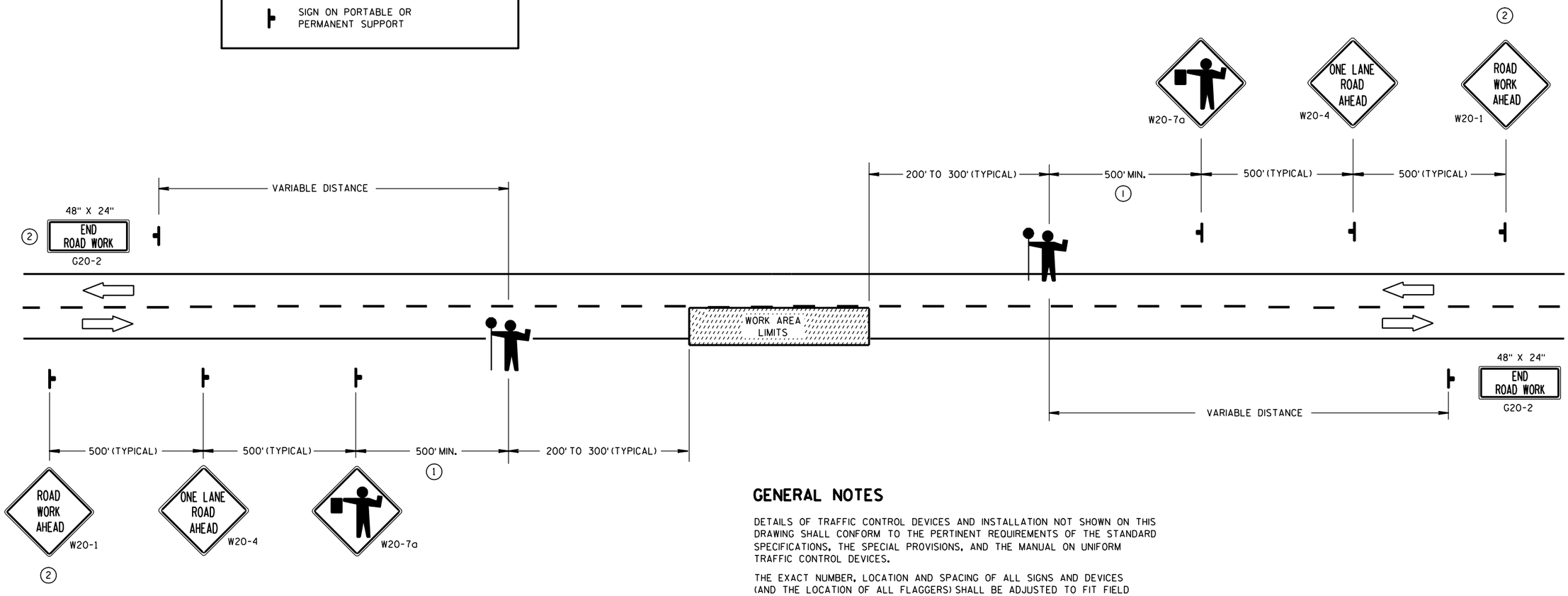
FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN ON PORTABLE OR PERMANENT SUPPORT



W3-4

USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



(1) FOR A MOVING WORK OPERATION,
SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, THE "FLAGGER AHEAD", THE "ROAD WORK AHEAD" AND THE ONE LANE ROAD AHEAD" SIGNS SHALL BE COVERED OR REMOVED AND THE HIGHWAY RESTORED TO NORMAL OPERATION.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

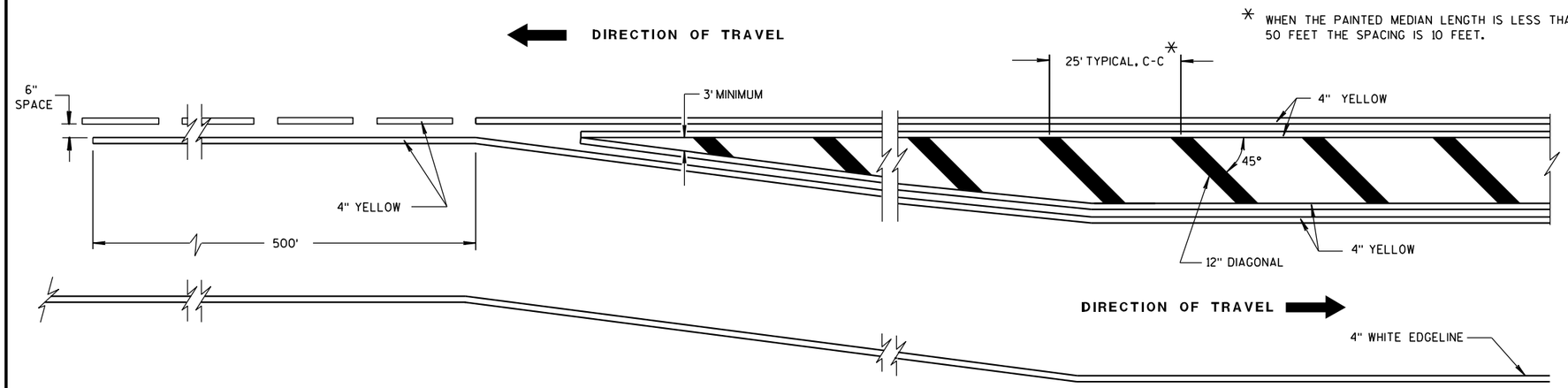
9/5/06 — DATE

/S/ Thomas N. Nathaam — STATE TRAFFIC ENGINEER

FHWA

6

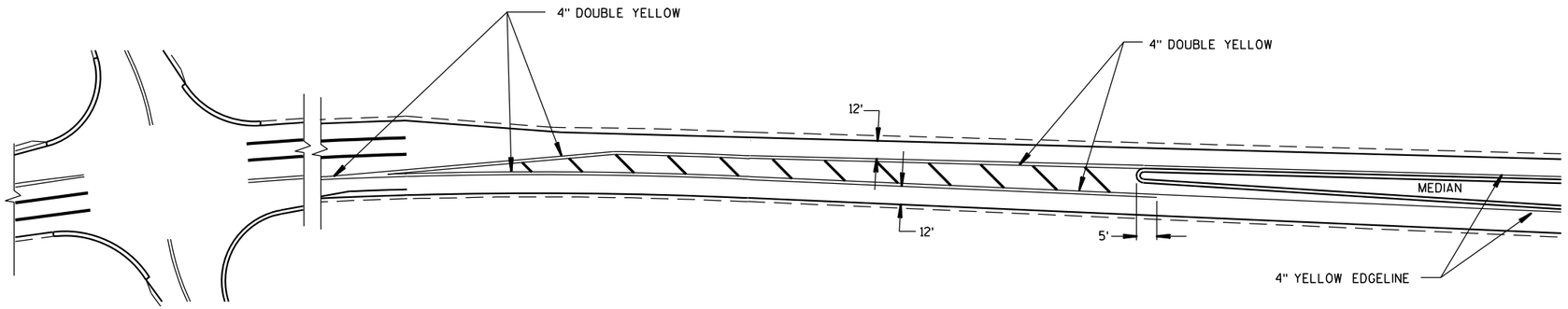
S.D.D. 15 C 12-3



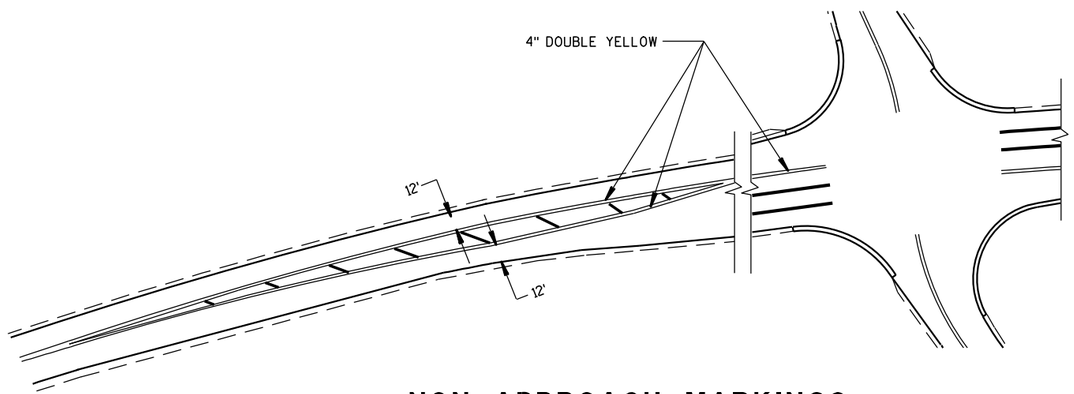
MEDIAN ISLAND DETAIL

GENERAL NOTE

DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON APPROACH MARKINGS

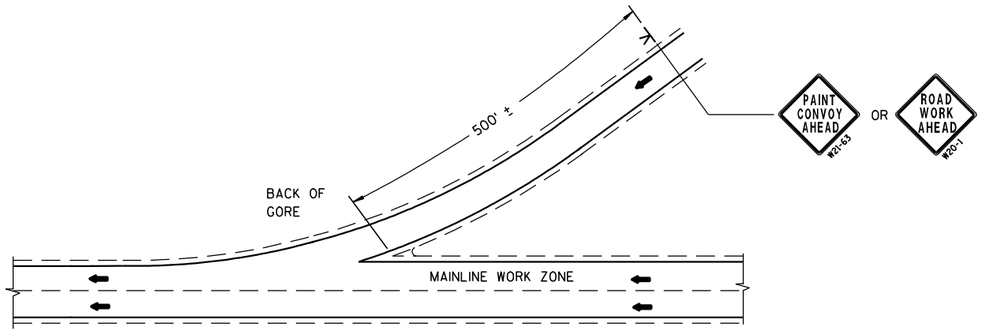
MEDIAN ISLAND MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 2-5-09 DATE	/S/ Thomas N. Nothohm STATE TRAFFIC ENGINEER 227 IGN
FHWA	

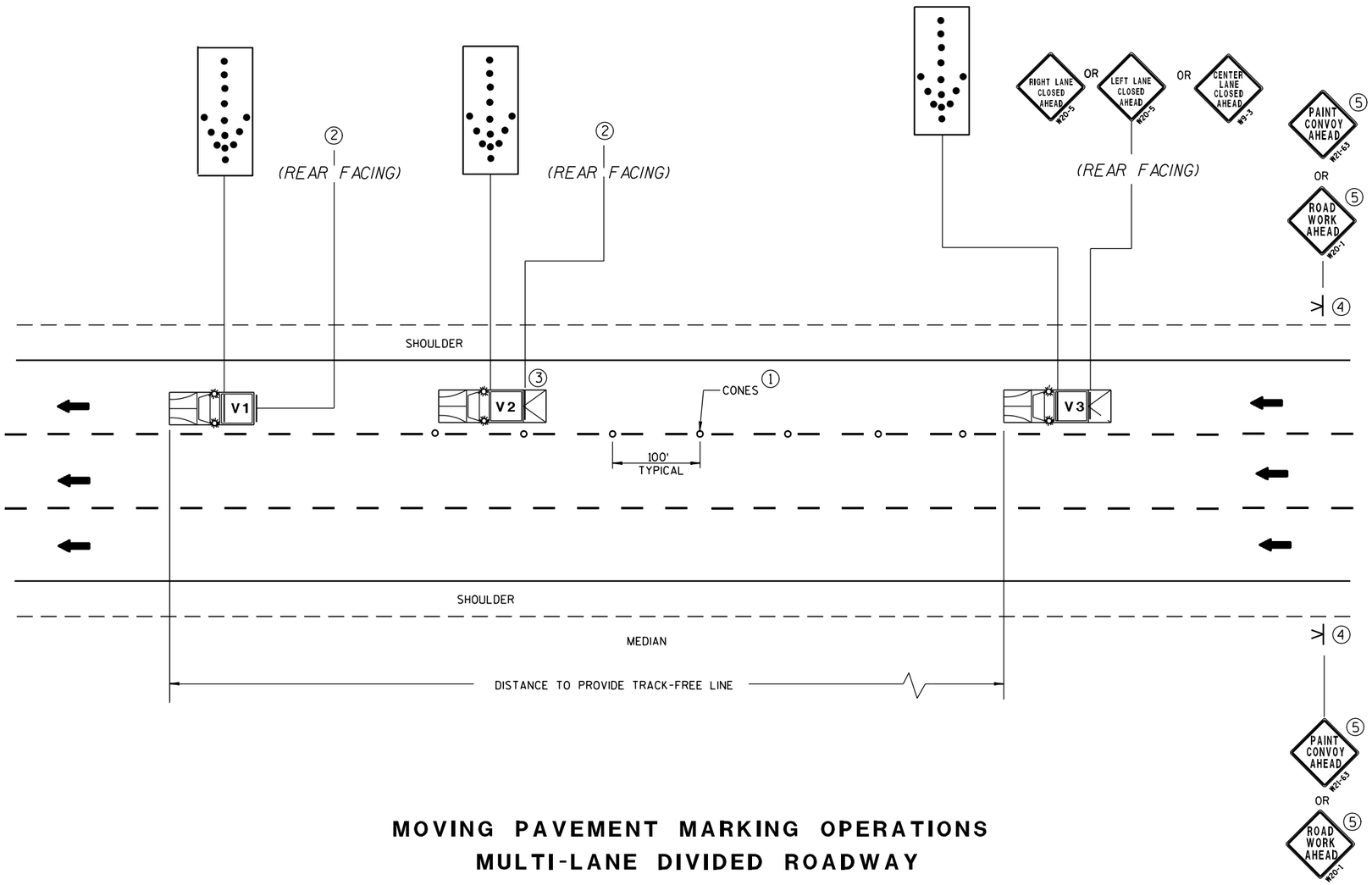
6

S.D.D. 15 C 18-3

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S.D.D. 15 C 18-3





MOVING PAVEMENT MARKING OPERATIONS
MULTI-LANE DIVIDED ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

FOR EDGELINE MARKING OR IF CONES ARE NOT USED, POSITION THE REARMOST SHADOW VEHICLE ON THE SHOULDER AS SHOWN IN THE MUTCD IF THE SHOULDER HAS ADEQUATE WIDTH. USE DOUBLE ARROWS WHEN CONVOY IS IN CENTER LANE ONLY.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

THIS DRAWING SHALL BE USED FOR EDGELINE OR LANELINE MARKING FOR MULTILANE DIVIDED ROADWAYS.

① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.

WET PAINT W21-64 OR WET PAINT W21-64

③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.

④ SIGNS SHALL BE REPEATED AFTER EVERY ON RAMP OR EVERY THREE MILES.

⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1	LEAD VEHICLE
V2	SHADOW VEHICLE
V3	TRAIL VEHICLE WITH TMA
TMA	TRUCK-MOUNTED ATTENUATOR
	SIGN ON PORTABLE SUPPORT
	DIRECTION OF TRAVEL
	CONES
	FLASHING ARROW PANEL (MERGE)

MOVING PAVEMENT MARKING OPERATION
MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

12/6/2011 DATE

/S/ Thomas N. Nothohm
STATE TRAFFIC ENGINEER

228 SIGN

FHWA

6

S.D.D. 15 C 19-1c

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S.D.D. 15 C 19-1c

GENERAL NOTES

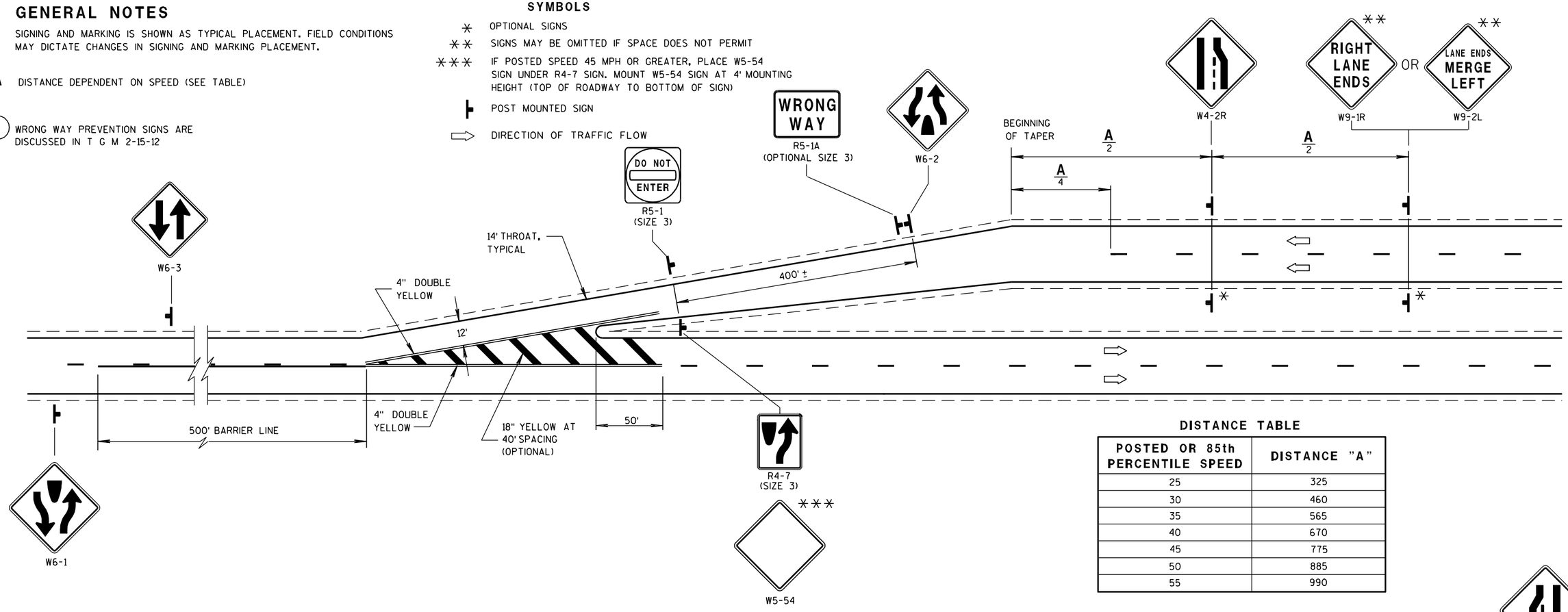
SIGNING AND MARKING IS SHOWN AS TYPICAL PLACEMENT. FIELD CONDITIONS MAY DICTATE CHANGES IN SIGNING AND MARKING PLACEMENT.

A DISTANCE DEPENDENT ON SPEED (SEE TABLE)

(1) WRONG WAY PREVENTION SIGNS ARE DISCUSSED IN T G M 2-15-12

SYMBOLS

- ✳ OPTIONAL SIGNS
- ✳✳ SIGNS MAY BE OMITTED IF SPACE DOES NOT PERMIT
- ✳✳✳ IF POSTED SPEED 45 MPH OR GREATER, PLACE W5-54 SIGN UNDER R4-7 SIGN. MOUNT W5-54 SIGN AT 4' MOUNTING HEIGHT (TOP OF ROADWAY TO BOTTOM OF SIGN)
- POST MOUNTED SIGN
- DIRECTION OF TRAFFIC FLOW



DISTANCE TABLE

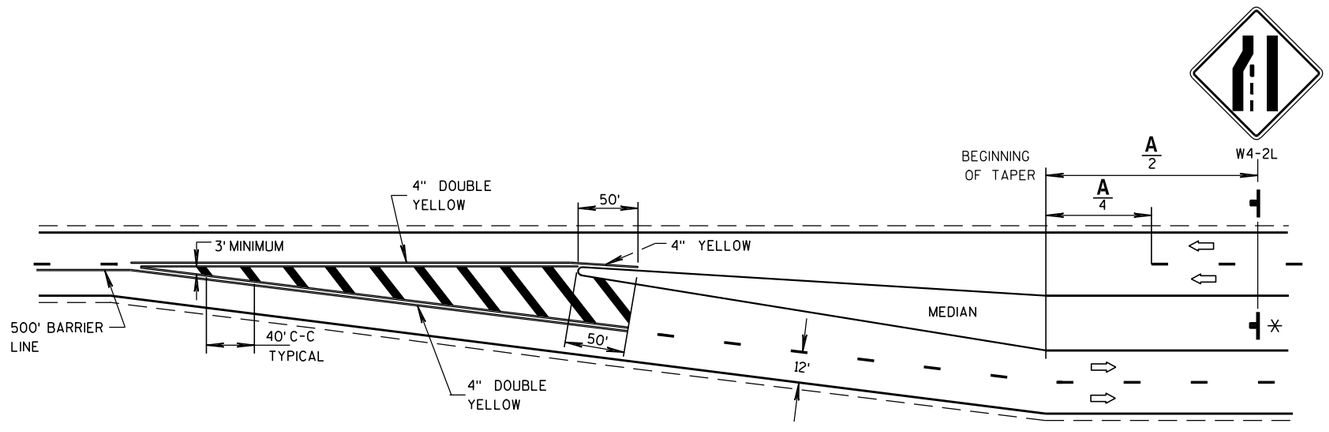
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
25	325
30	460
35	565
40	670
45	775
50	885
55	990

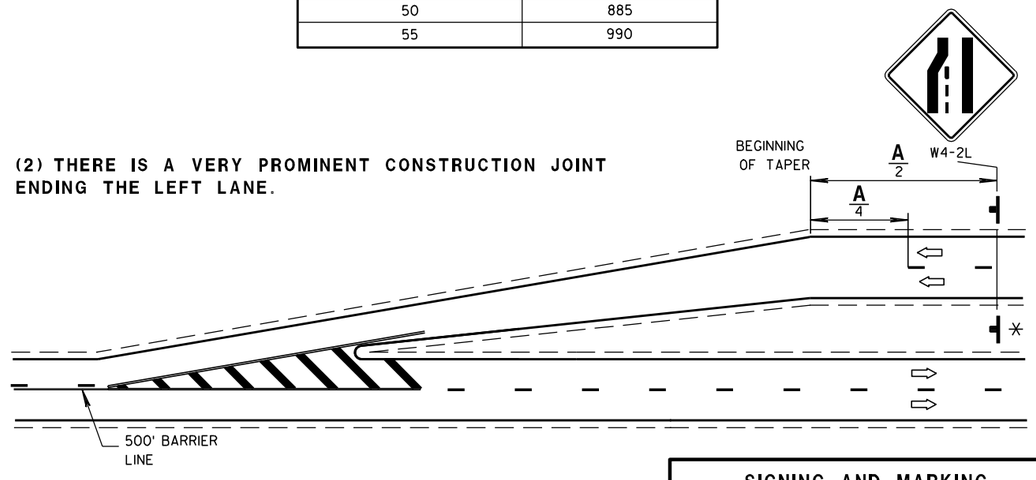
USE W4-2L IF :

(1) THE LEFT LANE IS PUSHED TO THE RIGHT:

OR

(2) THERE IS A VERY PROMINENT CONSTRUCTION JOINT ENDING THE LEFT LANE.





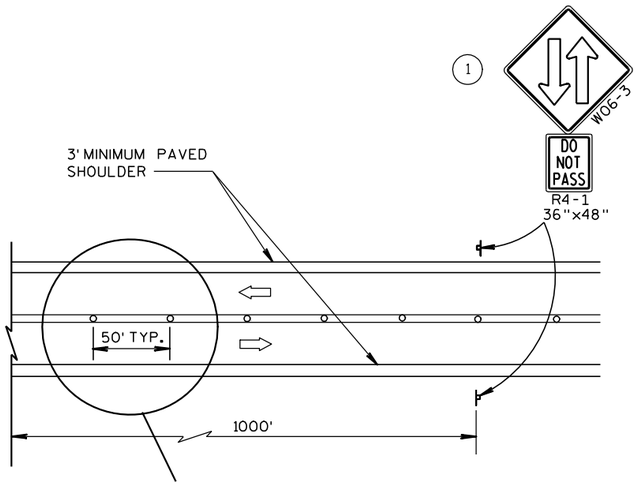
SIGNING AND MARKING
TWO LANE TO FOUR LANE
DIVIDED TRANSITIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

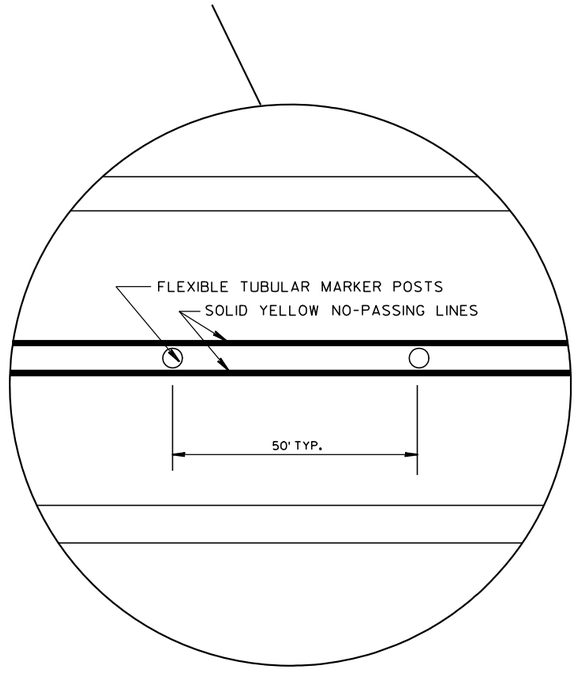
APPROVED
8/27/2011 DATE
/S/ Thomas N. Notbohm
STATE TRAFFIC ENGINEER

FHWA

6
S.D.D. 15 C 21-4



TWO LANE, TWO WAY OPERATION



GENERAL NOTES :

ALL SIGNS ARE 48"x48" UNLESS OTHERS NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE 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.

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.

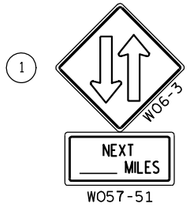
A SINGLE ROW OF FLEXIBLE TUBULAR MARKERS ON CENTERLINE EXTEND FOR THE ENTIRE LENGTH OF TWO-WAY TRAFFIC @ 50' SPACING.

COVER EXISTING CENTERLINE STRIPE WITH TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW.



R2-1
48"x60"
(BLACK AND WHITE)

IF THE REGULATORY SPEED HAS BEEN REDUCED, A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. THERE SHOULD **BE A SPEED LIMIT SIGN INCORPORATED A MINIMUM OF EVERY** 2 OR 3 MILES.



W057-51
48"x24"



R4-1
36"x48"

THE W06-3 WITH THE W057-51 SHALL BE LOCATED 200' BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP AND/OR 500' BEYOND ANY SIDEROAD. THE W06-3 WITH THE R4-1 SHALL BE LOCATED 1000' BEYOND THE W06-3 AND THE W057-51 AND THE SIGNS SHALL BE ALTERNATED WITH ONE MILE INTERVALS BETWEEN W06-3 SIGNS.

LEGEND

- POST WITH ATTACHED SIGN
- FLEXIBLE TUBULAR MARKER AND BASE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

12-4-95
DATE

/S/ Chester J. [illegible]
DIRECTOR, OFFICE OF 230

FHWA

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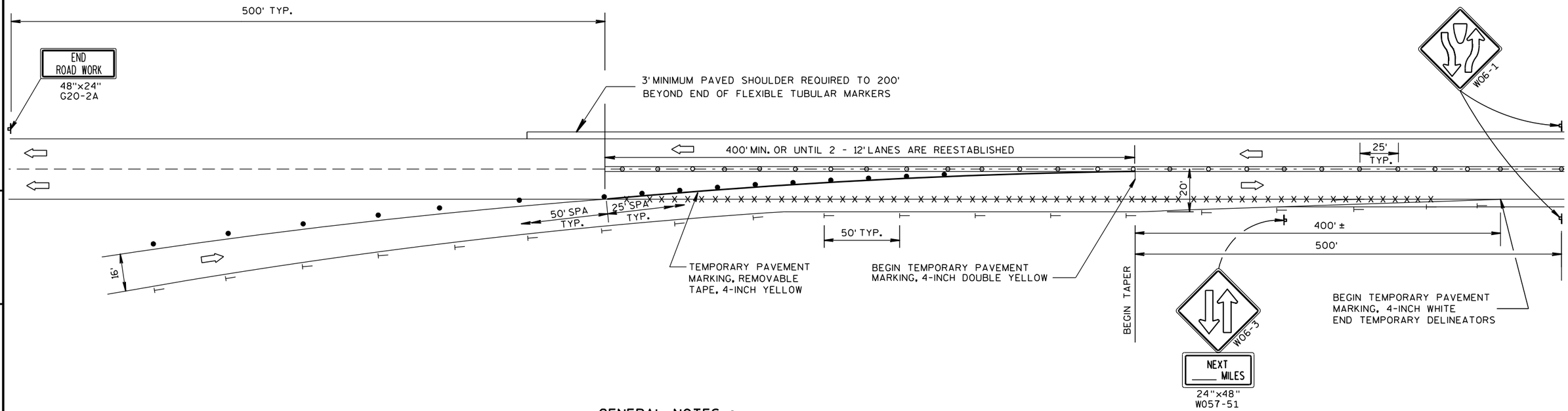
S.D.D. 15 D 6-2

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S.D.D. 15 D 6-2

LEGEND

- POST WITH ATTACHED SIGN
- DRUM
- FLEXIBLE TUBULAR MARKER POST AND BASE
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- REMOVE PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC



GENERAL NOTES :

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE 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.

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.

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT ROADWAY SURFACES THAT WILL REMAIN AFTER USE OF CROSSOVER.

TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8-7-95
DATE

/S/ Chester J. [illegible]
DIRECTOR, OFFICE OF [illegible]

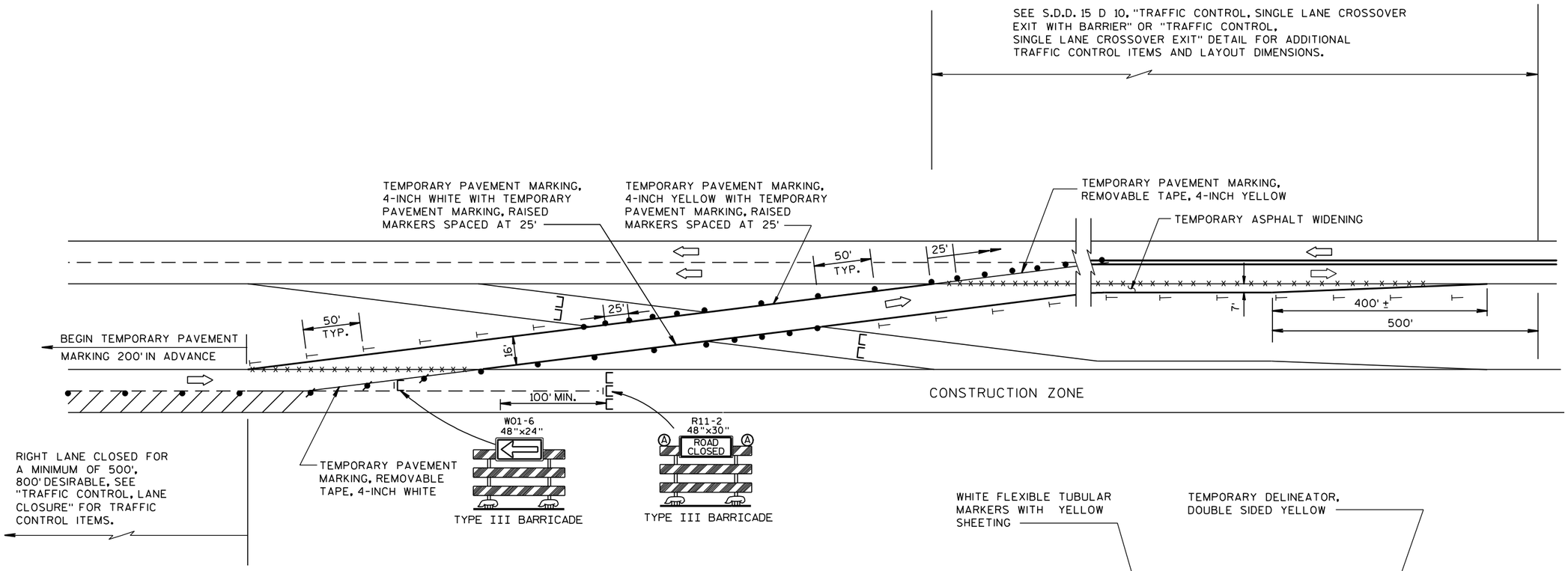
FHWA

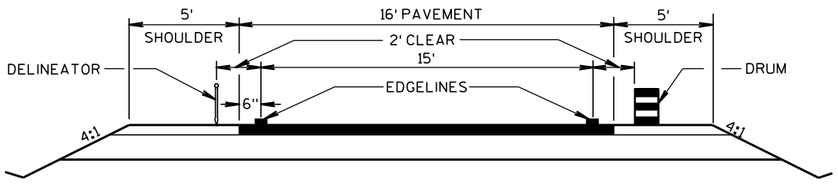
6

S.D.D. 15 D 9-2

6

S.D.D. 15 D 9-2





TYPICAL CROSSOVER ROADWAY DIMENSIONS

LEGEND

- ⊏/I⊏ 8' TYPE III BARRICADE WITHOUT/WITH ATTACHED SIGN
- DRUM WITH WARNING LIGHTS, TYPE C
- DRUM
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE PAINT
- Ⓐ WARNING LIGHT, TYPE A
- REMOVING PAVEMENT MARKINGS
- TEMPORARY DELINEATOR (DOUBLE SIDED)
- FLEXIBLE TUBULAR MARKER AND BASE
- DIRECTION OF TRAFFIC

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.

THE SPACING BETWEEN PROPOSED SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

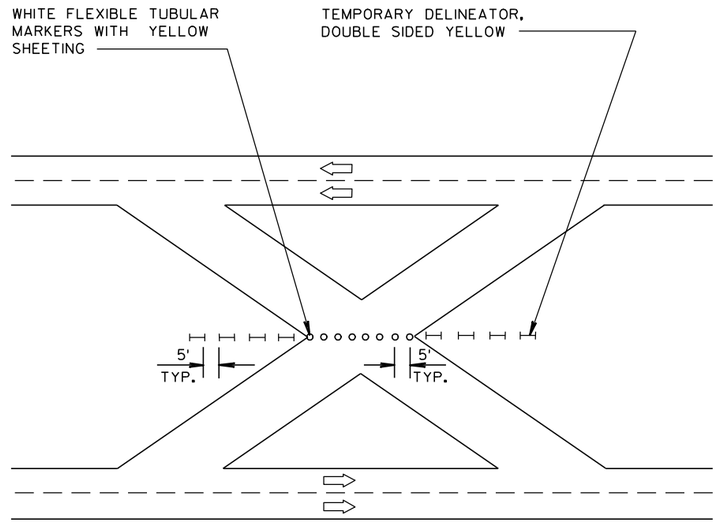
TEMPORARY PAVEMENT MARKING REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT ROADWAY SURFACES THAT WILL REMAIN AFTER USE OF CROSSOVER AND TEMPORARY PAVEMENT MARKING WHERE USED.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE 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.

REVERSE DEVICES WHEN OTHER LEG OF CROSSOVER IS IN USE.



PROTECTION OF CROSSOVER NOT IN USE WHEN CONSTRUCTION IS NOT TAKING PLACE

TRAFFIC CONTROL, SINGLE LANE CROSSOVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10-22-96 DATE
/S/ Chester J. [illegible]
STATE TRAFFIC E 232
FHWA

6
S.D.D. 15 D 11-3

LEGEND

- POST WITH ATTACHED SIGN
- POST WITH ATTACHED SIGN IN DRUM
- DRUM WITH WARNING LIGHT (TYPE C)
- DRUM
- ARROW BOARD
- 8' TYPE III BARRICADE
- REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC

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.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIREABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

(1) CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

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.

GENERAL NOTES CONTINUED:

REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 7 CONTINUOUS DAYS AND NIGHTS.

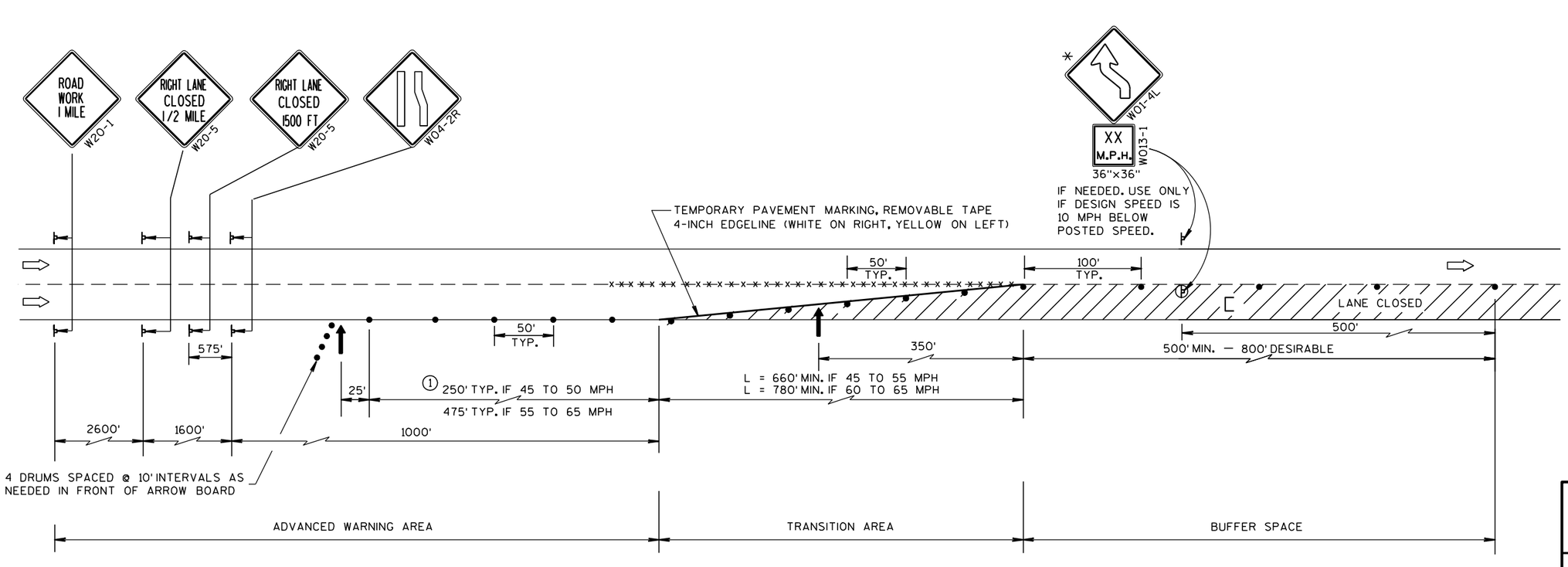
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

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 1/4 MILE ACROSS THE CLOSED LANE TO HELP ENFORCE THE DRUM LINE.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

* THE LEFT REVERSE CURVE SIGN (WO1-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.



TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

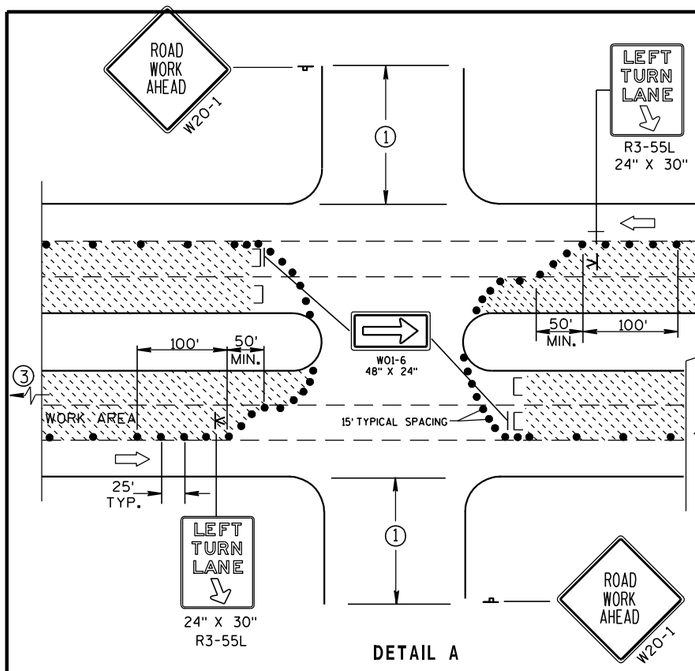
APPROVED
8-7-95 DATE
/S/ Chester J. [illegible]
DIRECTOR, OFFICE O 233 C
FHWA

6

S.D.D. 15 D 12-2

6

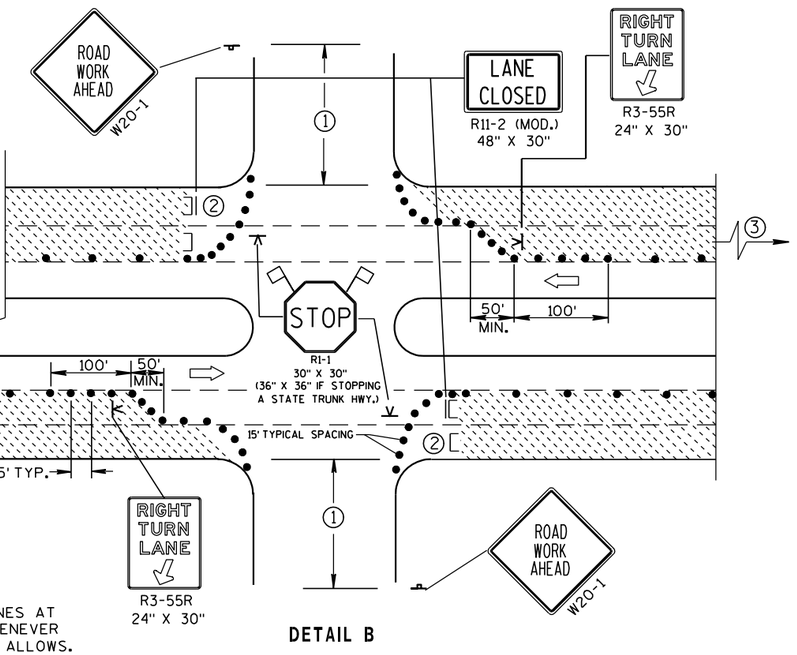
S.D.D. 15 D 12-2



DETAIL A

FOR LEFT TWO LANES CLOSED AT INTERSECTION OR MEDIAN BREAK

PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.



DETAIL B

FOR RIGHT TWO LANES CLOSED AT INTERSECTION

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.

THE SPACING BETWEEN 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.

ALL SIGNS ARE 48"x48" 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.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, 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.

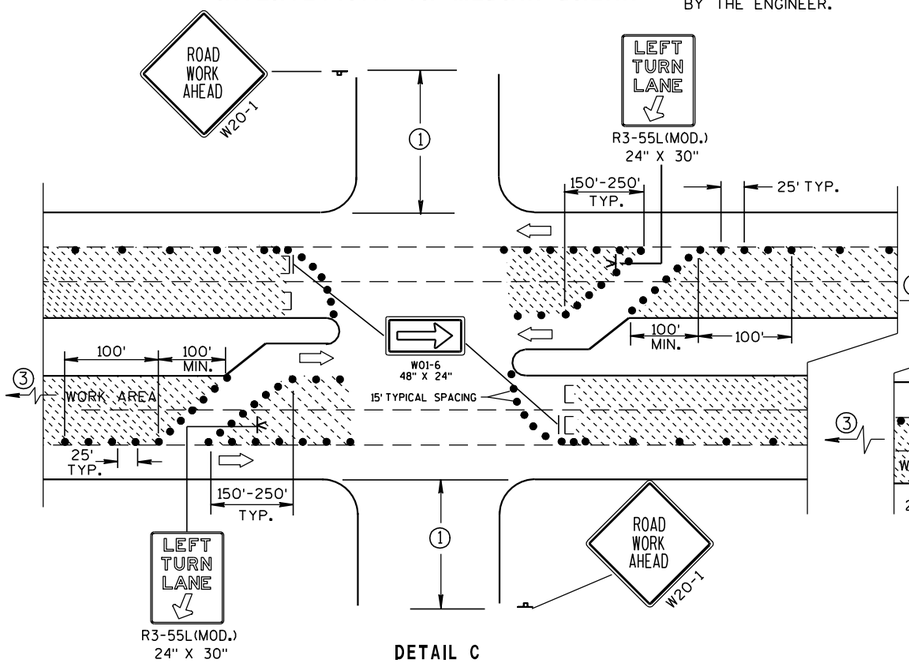
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

BARRICADES IN A CLOSED LANE 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.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35-40 MPH.
200' IF 25-30 MPH.

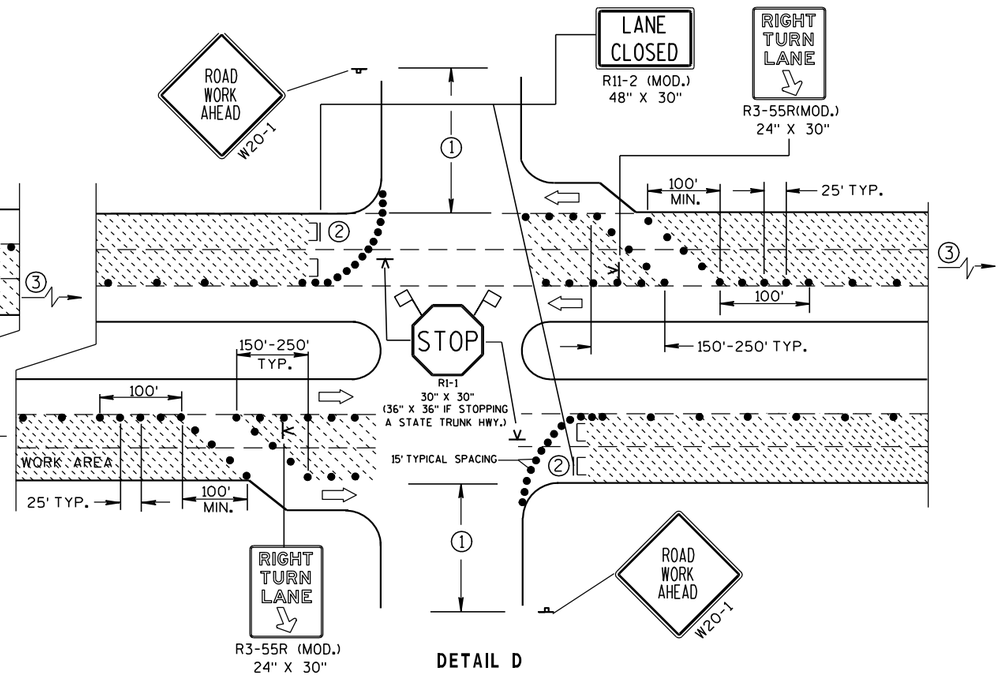
(2) ALSO USE BARRICADES AND 15' TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS.

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.



DETAIL C

FOR LEFT TWO LANES CLOSED AT INTERSECTION OR MEDIAN BREAK (WITH LEFT TURN BAY OPEN)



DETAIL D

FOR RIGHT TWO LANES CLOSED AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

LEGEND

- DRUM
- POST MOUNTED SIGN
- SIGN ON PORTABLE SUPPORT (5' MIN. MOUNTING HEIGHT)
- TYPE III BARRICADE (8' EQUIVALENT) AND WARNING LIGHT, TYPE A (FLASHING) WITH/WITHOUT SIGN
- DIRECTION OF TRAFFIC FLOW
- FLAGS, 16" X 16" MIN., ORANGE

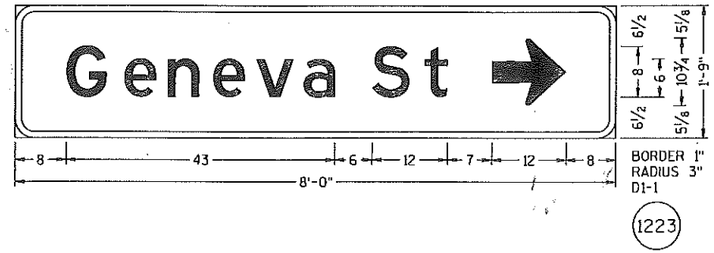
TRAFFIC CONTROL, INTERSECTION WITHIN TWO LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5/23/00 DATE
/S/ Chester J. [illegible]
CHIEF SIGNS AND MARKINGS ENGINEER
FHWA

6

S.D.D. 15 D 23-1



GENERAL NOTES:

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

2. UNLESS OTHERWISE NOTED, ALL SIGNS SHOWN ON THIS SHEET ARE "SIGNS, TYPE II".

3. UNLESS OTHERWISE NOTED, TYPE II SIGNS ON THIS SHEET SHALL HAVE "TYPE H REFLECTIVE SHEETING" AND, "TYPE H MESSAGE MATERIAL". TYPE I SIGNS SHALL HAVE TYPE SH REFLECTIVE SHEETING.

4. UNLESS OTHERWISE NOTED, ALL SIGNS SHOWN ON THIS SHEET SHALL HAVE A GREEN BACKGROUND AND WHITE MESSAGE.

5. TYPE II SIGNS ALL UPPER CASE MESSAGE (EXCEPT ON SHIELDS OR WHERE OTHERWISE NOTED) SHALL BE "SERIES E. ALL LOWER CASE MESSAGE WITH AN INITIAL UPPER CASE LETTER SHALL BE "SERIES E.

6. TYPE I SIGNS - ALL UPPER CASE MESSAGE (EXCEPT ON SHIELDS OR WHERE OTHERWISE NOTED) SHALL BE SERIES "E" MODIFIED. ALL LOWER CASE MESSAGE WITH AN INITIAL UPPER CASE LETTER SHALL BE SERIES "E" MODIFIED. ALL CAP WORDS ARE "SERIES E"

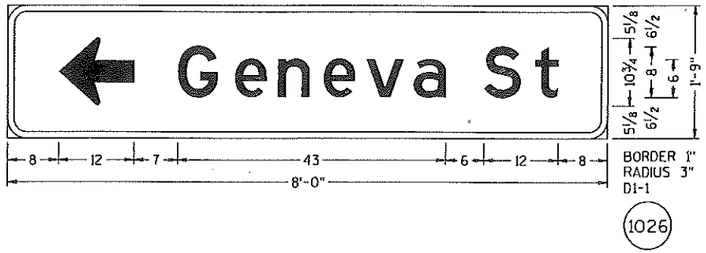
7. UNLESS OTHERWISE NOTED, ALL SIGNS SHOWN ON THIS SHEET SHALL HAVE "TYPE A" OR "TYPE C" ARROWS AS SHOWN. SEE THE STANDARD SIGN PLATES FOR FURTHER DETAILS.

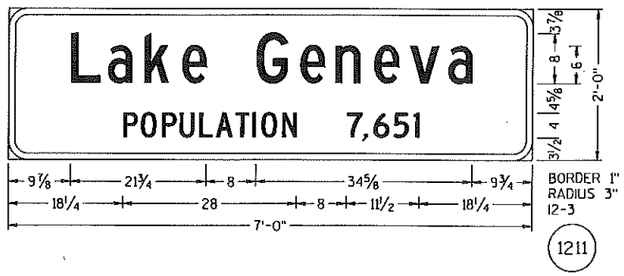
8. SEE THE STANDARD SIGN PLATES FOR FURTHER DETAILS ON ROUTE MARKER SHIELDS.

9. THE SIGN NUMBER IS DENOTED IN THE CIRCLE NEAR EACH DETAIL.

10. NUMBER FRACTIONS FOR INTERCHANGE SEQUENCE SIGNS SHALL BE SERIES "E" PER PLATES A11-7 AND A11-10

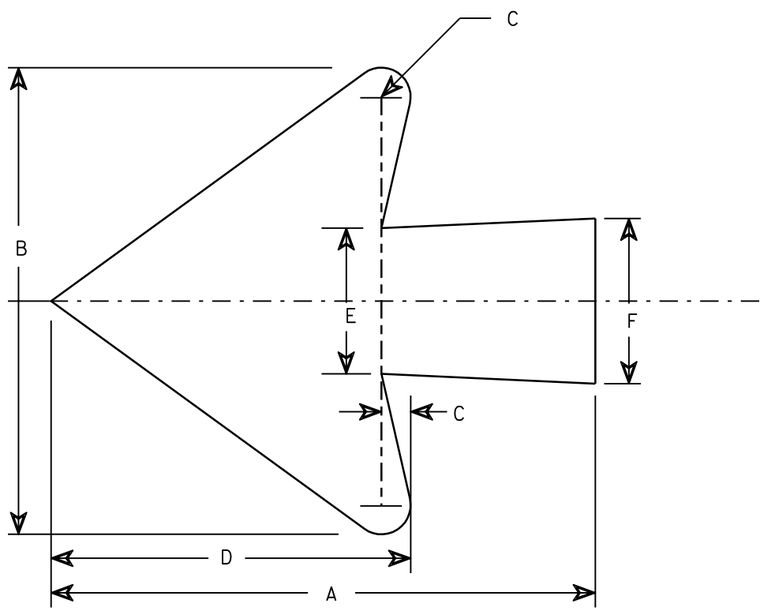
11. DO NOT SCALE.





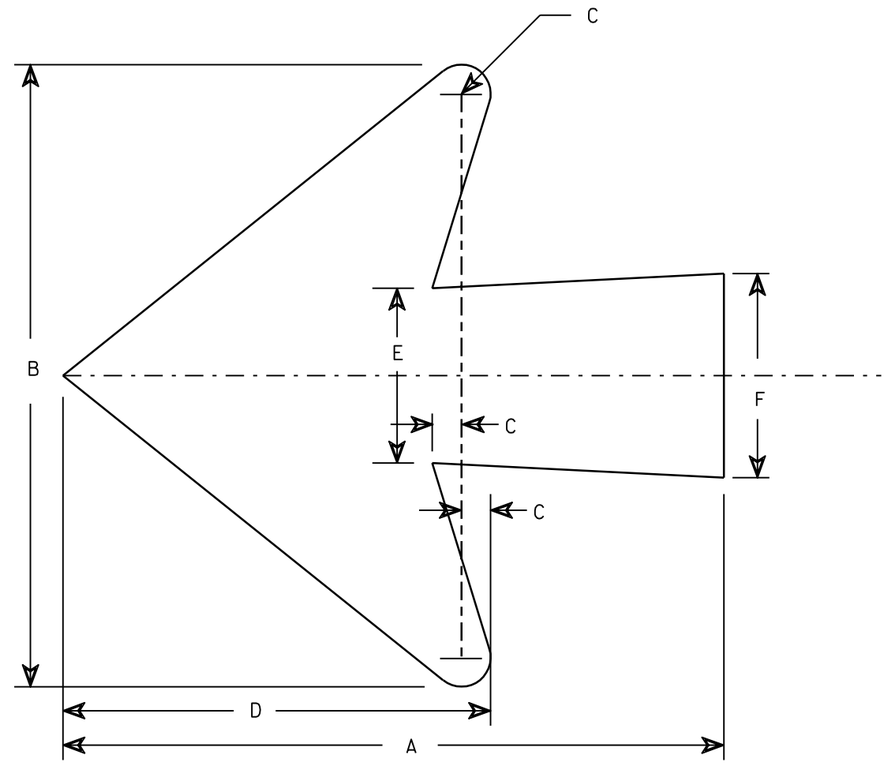
SHEET 1 OF 1

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	SIGNING DETAIL - TYPE II SIGNS	SCALE: 0 ½" 1"	SHEET 235 E



Lower Case Copy Size	A Right or Left	A * 2 Town	A * 3 Town	B	C	D	E	F
3¾ Series C	7	11	18	6	⅜	4⅝	1⅞	2⅛

* Indicates Ahead and Tilt for 2 & 3 Town applications.



Lower Case Copy Size	A Right or Left	A * 2 Town	A * 3 Town	B	C	D	E	F
4½ Series D&E	8½	11	18	8	⅜	5½	2¼	2⅝
6 Series D&E	12	18	24	10¾	½	7⅜	3¼	3½
8 Series E	15½	24	30	14¼	¾	9¾	4¼	4½

* Indicates Ahead and Tilt for 2 & 3 Town applications.

STANDARD ARROWS FOR D1 GUIDE SIGNS

WISCONSIN DEPT OF TRANSPORTATION

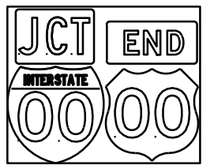
APPROVED Chester J Spagg for State Traffic Engineer

DATE 8/10/92 PLATE NO. A1-2.3

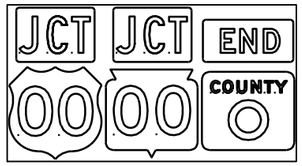
TYPICAL ASSEMBLIES



J1-1



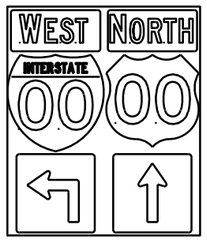
J1-2



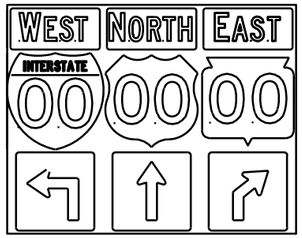
J1-3



J2-1



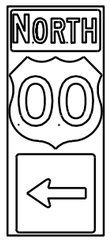
J2-2



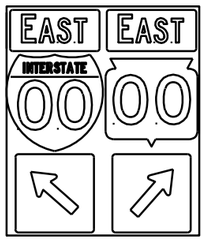
J2-3



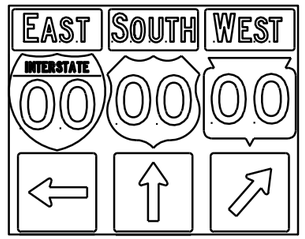
JV



J3-1



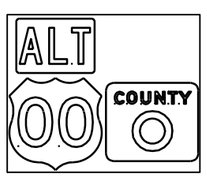
J3-2



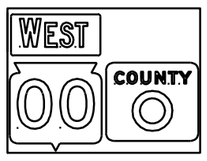
J3-3



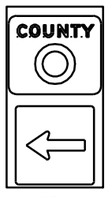
J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1



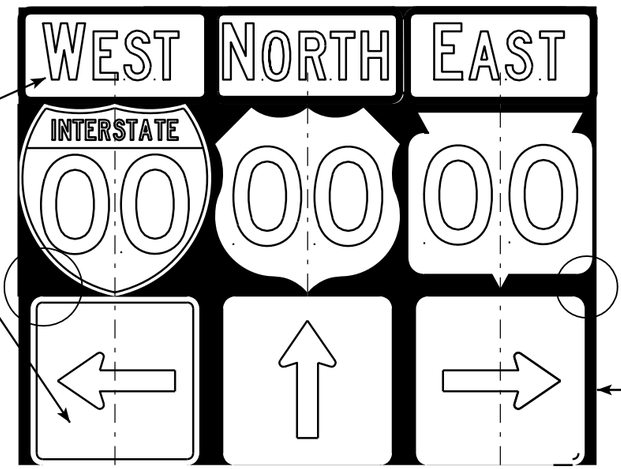
J23-1

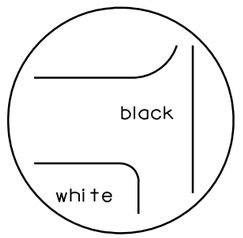


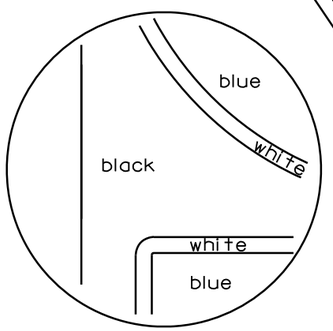
J22-1

NOTES

1. Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Black Non-reflective
   Message - see Note 5
3. Message Series - See Note 5
4. Corners shall be square since base material is plywood.
5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
8. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.







ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

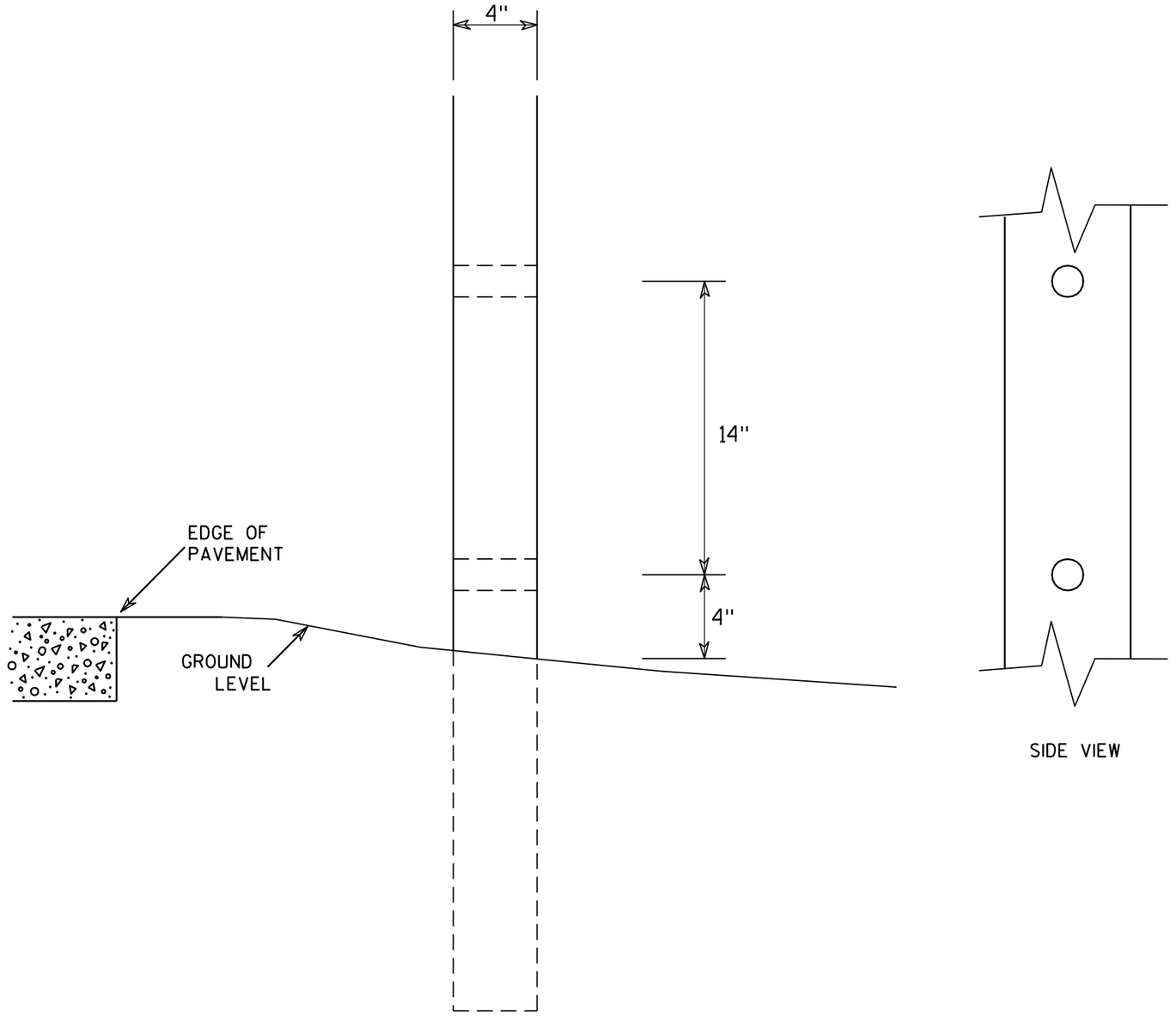
DATE 10/21/09 PLATE NO. A2-1S.6

7

7

PROJECT NO:

SHEET NO: 237 E



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.

4 X 6 WOOD POST MODIFICATIONS

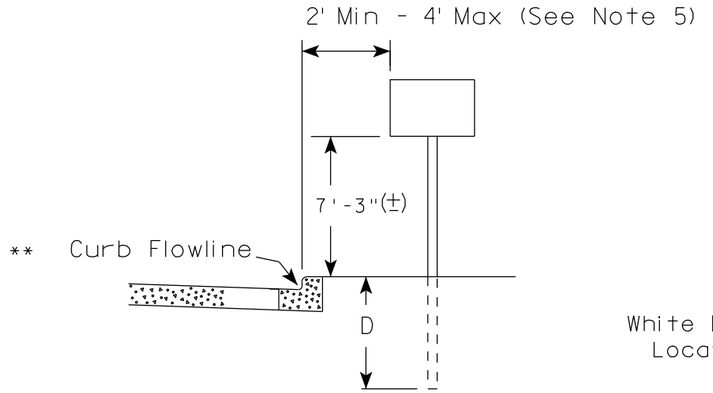
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

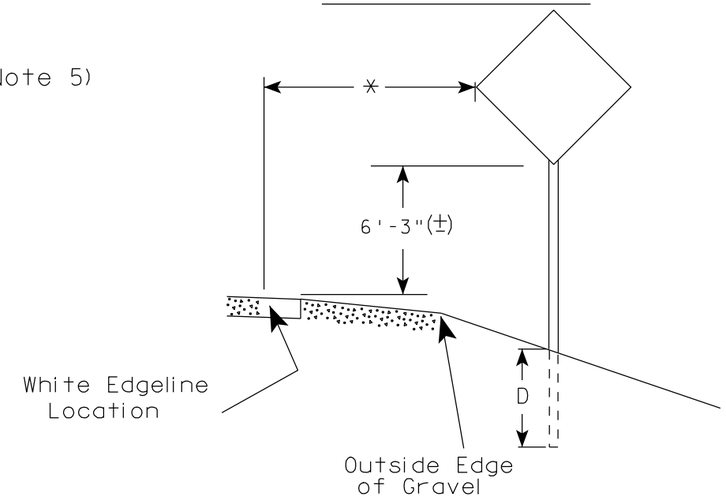
DATE 3/27/97 PLATE NO. A4-11.2

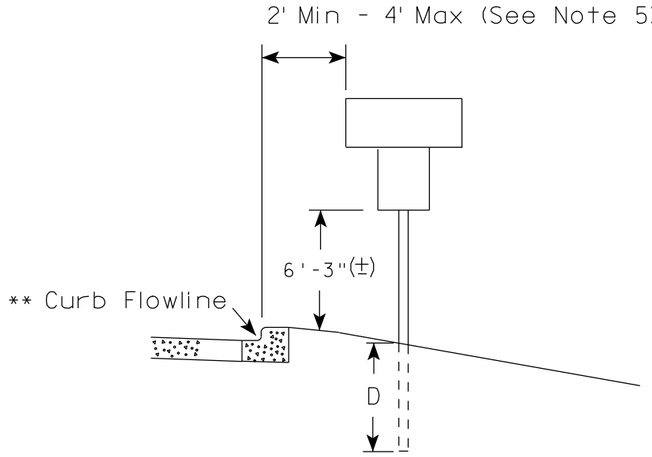
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 238	E

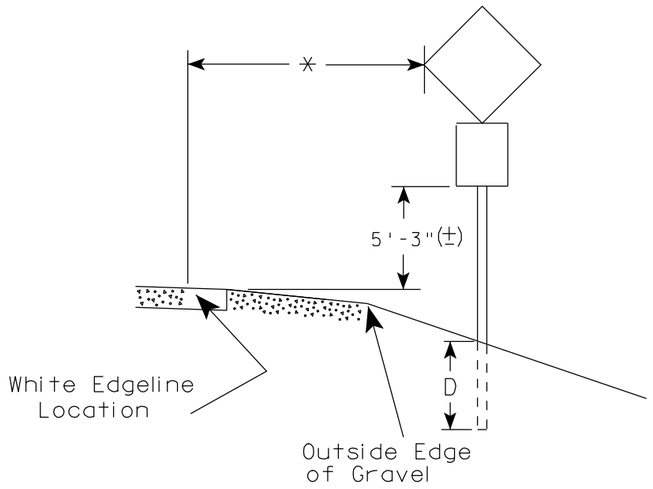
URBAN AREA



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.

GENERAL NOTES

1. Signs wider than 4 feet or larger than 20 sq. ft. 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 (A4-5) 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 stop signs (R1-1F) shall be mounted at a height of 5'-3" (±) or as directed 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), Clearance Markers (W5-52), Mile Markers (D10 series) & End of Road Markers (W5-56 & W5-56A) shall be mounted at a height of 4'-3" (±).

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

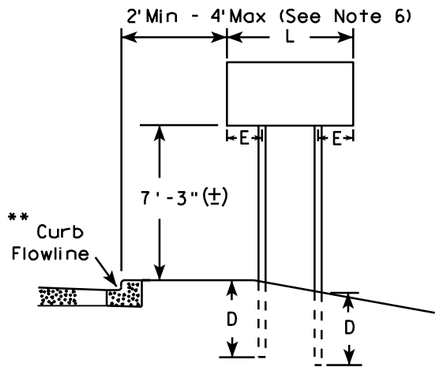
DATE 9/21/2011 PLATE NO. A4-3.16

7

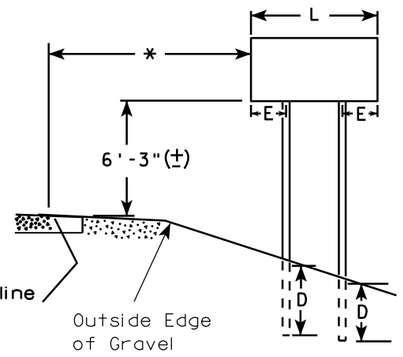
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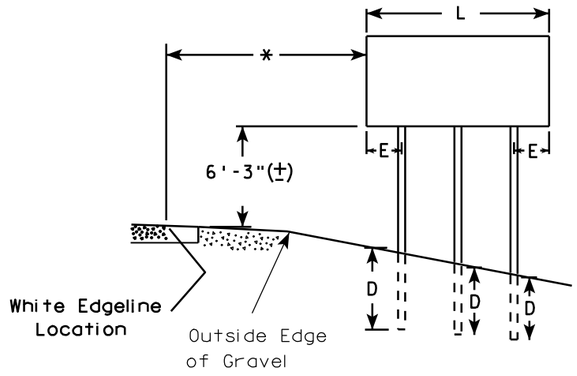
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 239 | E

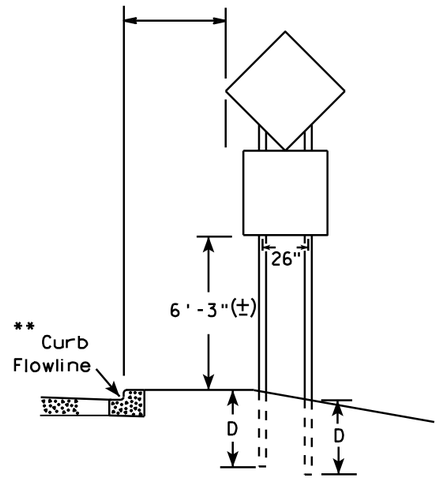
URBAN AREA



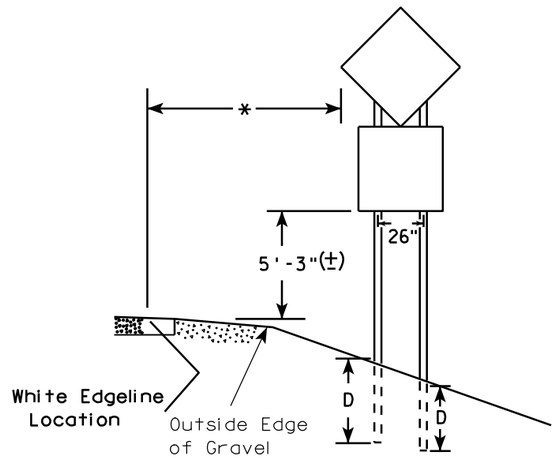
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

***	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'

GENERAL NOTES

1. For multiple 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 (A4-5) 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 stop signs (R1-1F) 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) & End of Road Markers (W5-56 & W5-56A) 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 20 S.F. or less in area.

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

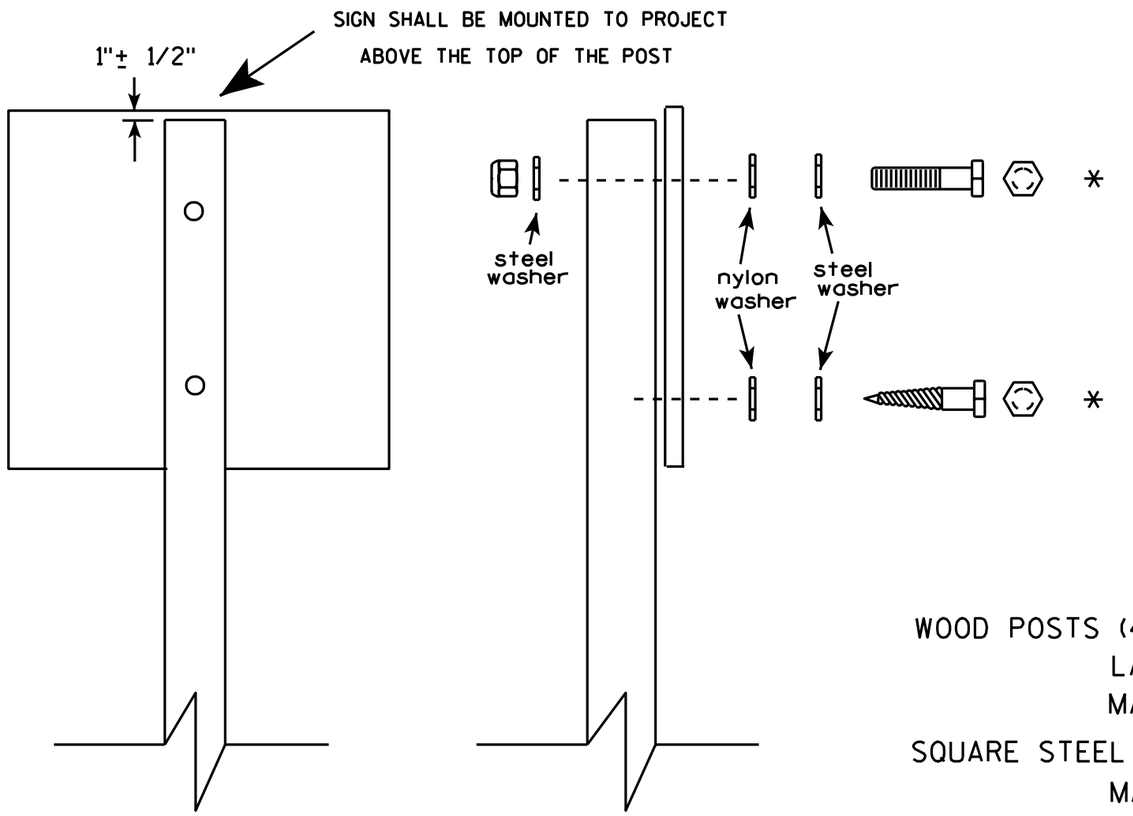
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/21/2011 PLATE NO. A4-4.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 240	E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\A44.DGN PLOT DATE : 21-SEP-2011 13:36 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 109.249131:1.000000

WISDOT/CADDS SHEET 42



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

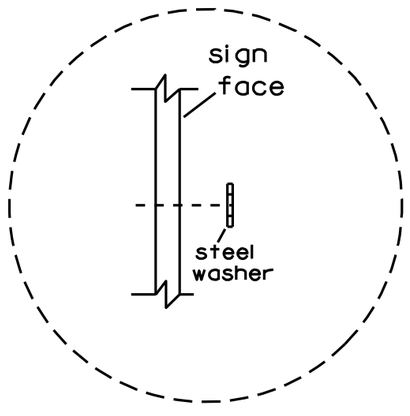
a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3
b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

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

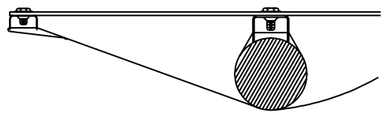
7

7

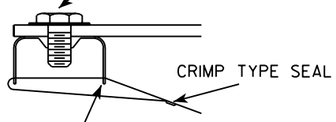
PROJECT NO:

SHEET NO: 241 E

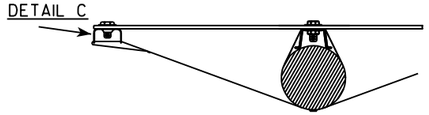
BRACE BANDING

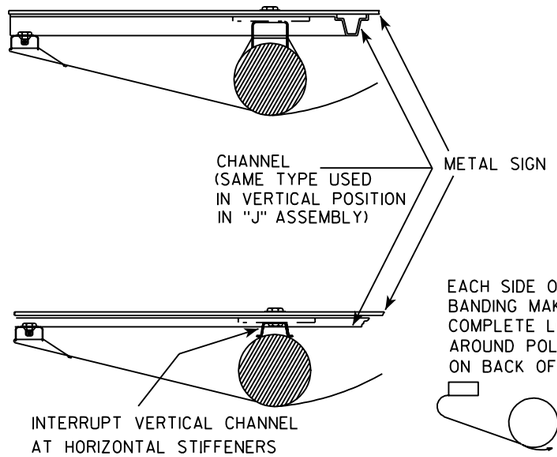


DETAIL C
CADMIUM PLATED STEEL BOLT
THROUGH BLACK BORDER



DETAIL C

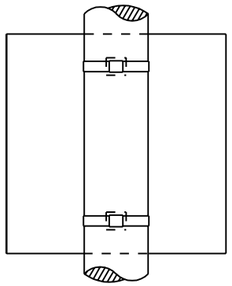


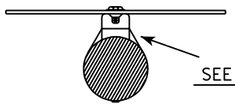


EACH SIDE OF BRACE
BANDING MAKES ONE
COMPLETE LOOP
AROUND POLE-SEAL
ON BACK OF POLE

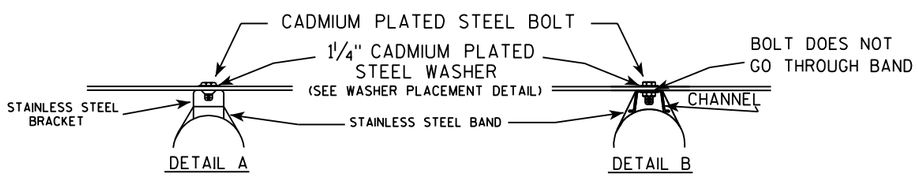
BRACKET BANDING

SINGLE SIGN

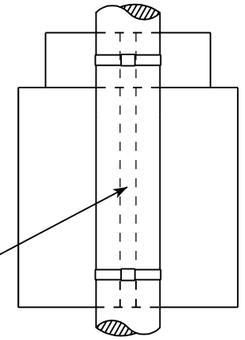




SEE DETAIL A



"J" ASSEMBLY

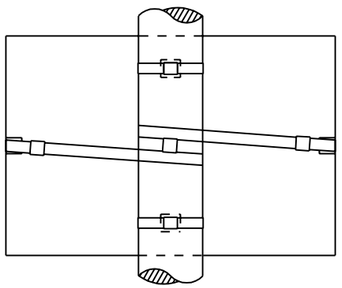


CHANNEL
SEE TYPICAL PANEL
INSTALLATION SHEET

SEE DETAIL B

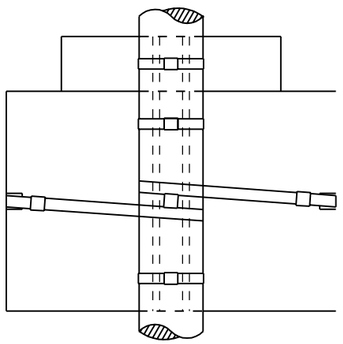
GENERAL NOTES

1. Signs 4' or greater in width shall have one brace band installed at the center of the sign.
2. Signs 3' or greater in height shall have three bracket bands installed. Signs less than 3' in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.

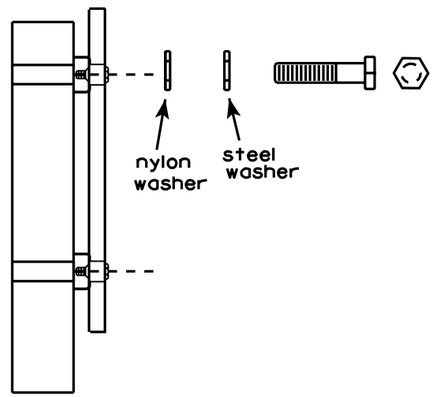


BRACE BANDING

BRACE BANDING SHALL BE TIGHTENED FIRMLY BUT NOT SO TIGHT AS TO APPRECIABLY CURVE FACE OF SIGN.



WASHER PLACEMENT



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

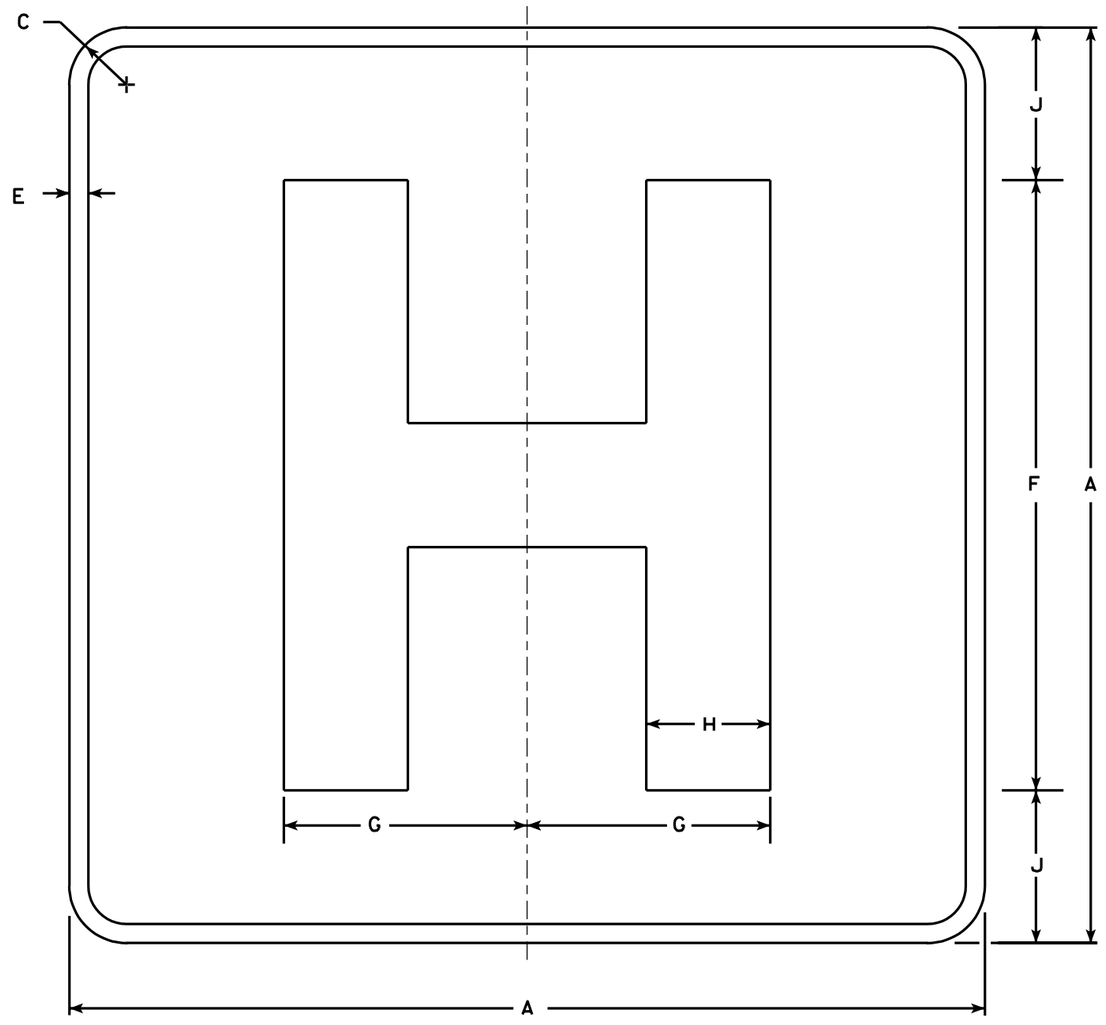
STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/08/05 PLATE NO. A5-9.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 242	E



D9-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Blue
   Message - White - Type H Reflective
3. Message Series - E Modified
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	450 mmX 450 mm
2	600 mmX 600 mm
3	900 mmX 900 mm
4	X
5	X

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		1 1/8		1/2	12	4 3/4	2 3/8		3																	4.0
2	24		1 1/2		1/2	16	6 3/8	3 1/4		4																	4.0
3	36		2 1/4		3/4	24	9 1/2	4 7/8		6																	9.0
4																											
5																											

STANDARD SIGN
D9-2

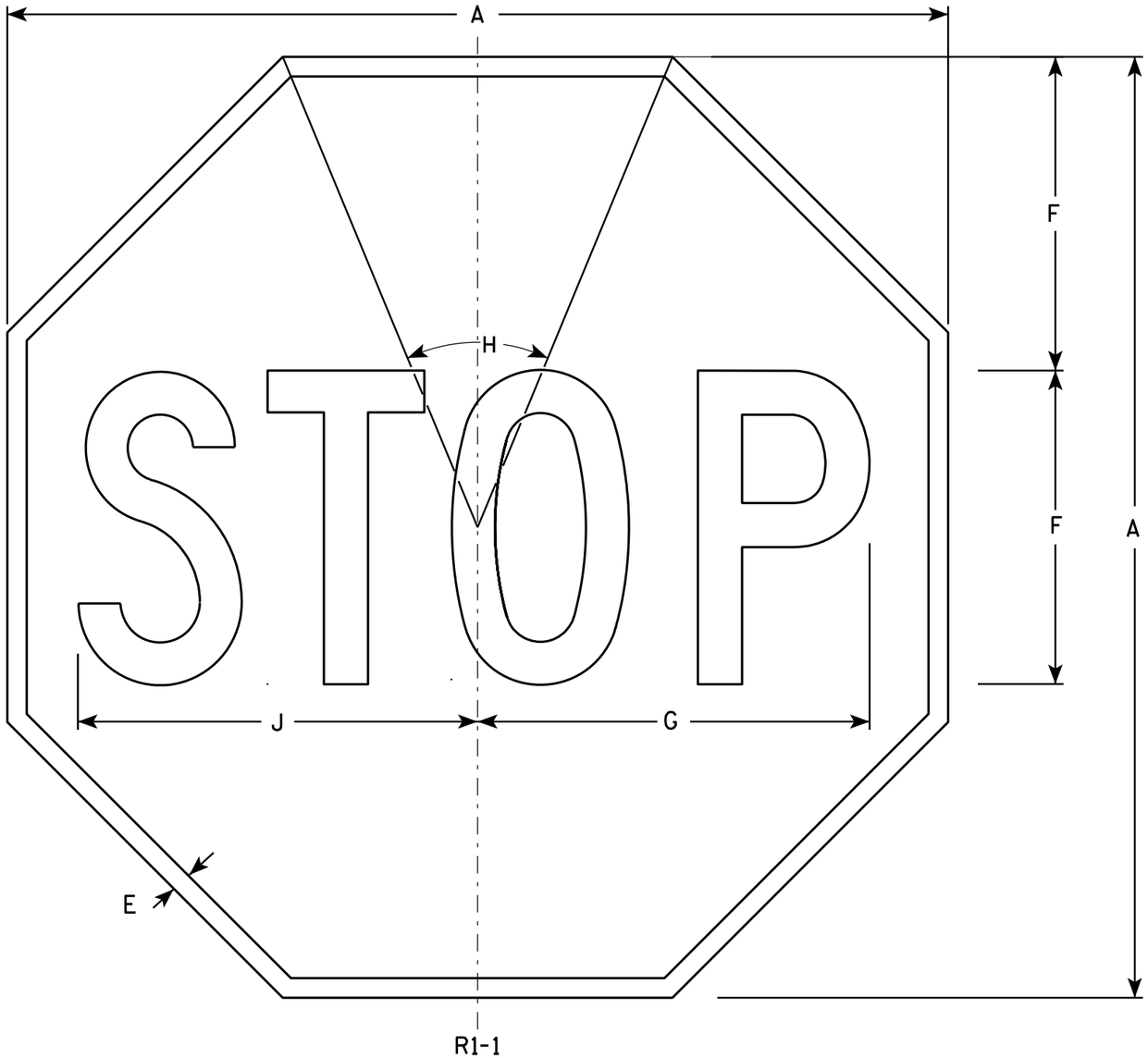
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spong
for State Traffic Engineer

DATE 1/15/02 PLATE NO. D9-2.4

PROJECT NO:

SHEET NO: 243 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

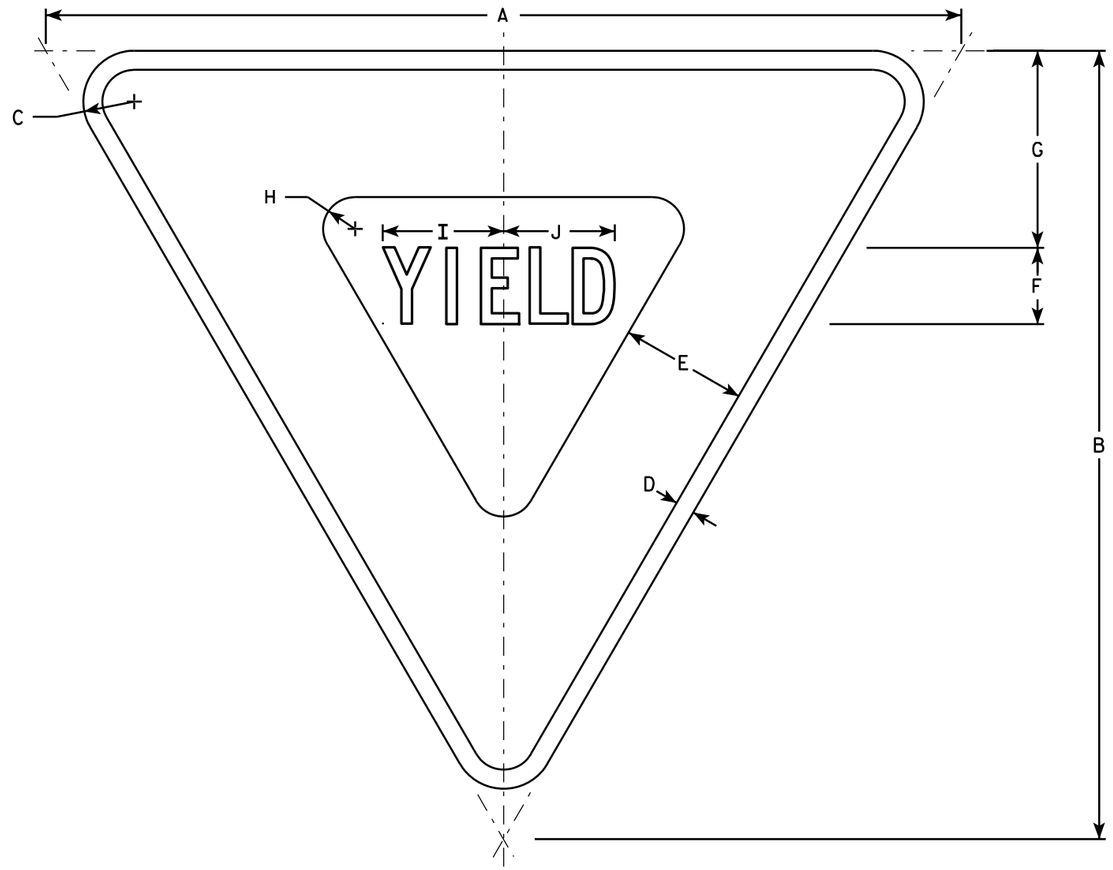
STANDARD SIGN
R1-1

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: 244	E



R1-2

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 - See note 5
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. The border strip and word message are reflectorized red.

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	26	1 1/2	5/8	4	2 1/2	6 3/8	7/8	4	3 5/8																	2.71
2S	36	31	2	3/4	5	3	7 3/4	1 1/4	4 3/4	4 3/8																	3.88
2M	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
3	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
4	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
5	60	52	3	1 1/2	8	5	13	2 1/2	7 7/8	7 1/4																	10.83
6	24	21	1 1/2	3/8	3	2	4 3/4	7/8	3 1/4	3																	1.75
7	18	15 1/2	1	3/8	2 1/2	1 1/2	3 7/8	5/8	2 3/8	2 1/4																	0.97

STANDARD SIGN
R1-2

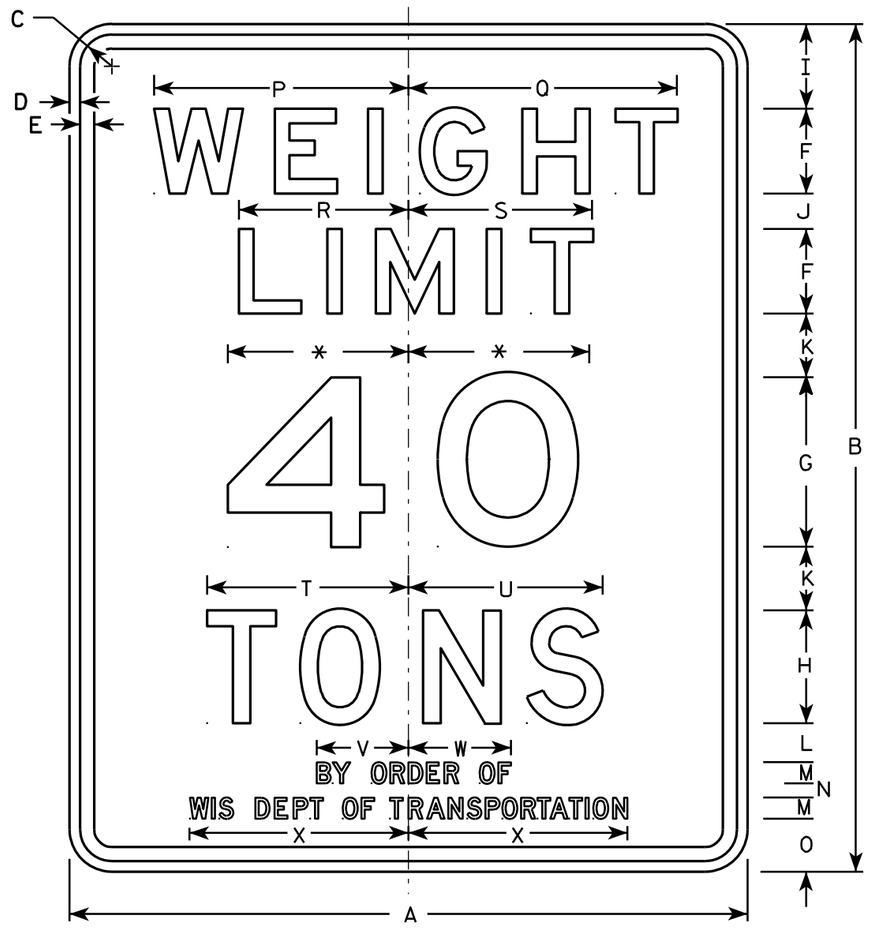
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/02/10 PLATE NO. R1-2.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 245 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R12.DGN PLOT DATE : 02-NOV-2010 10:38 PLOT BY : dotsja PLOT NAME : PLOT SCALE : 5.959043:1.000000
WISDOT/CADDS SHEET 42



R12-1

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 - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1, 2 & 3 are series E
   Lines 4, 5, & 6 are series D.
6. Substitute appropriate numeral and optically adjust spacing to achieve proper balance.
7. Substitute name of county or town on County Trunk and Town Highways respectively. Community name on City or Village Streets including Connecting Highways is optional.

* Varies (see note 6)

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	30	1 1/8	3/8	1/2	3	6	4	3	1 1/4	2 1/4	1 3/8	3/4	1/2	1 7/8	9	9 1/2	6	6 1/2	7 1/8	6 7/8	3 1/4	3 5/8	7 3/4			5.0
2S	24	30	1 1/8	3/8	1/2	3	6	4	3	1 1/4	2 1/4	1 3/8	3/4	1/2	1 7/8	9	9 1/2	6	6 1/2	7 1/8	6 7/8	3 1/4	3 5/8	7 3/4			5.0
2M	24	30	1 1/8	3/8	1/2	3	6	4	3	1 1/4	2 1/4	1 3/8	3/4	1/2	1 7/8	9	9 1/2	6	6 1/2	7 1/8	6 7/8	3 1/4	3 5/8	7 3/4			5.0
3	36	48	1 3/8	1/2	5/8	6	10	8	4 1/2	2 1/2	2 1/4	1 1/2	3/4	1/2	3	13 1/2	14 1/4	9	9 3/4	10 5/8	10 1/4	3 1/4	3 5/8	7 3/4			12.0
4	48	60	2 1/4	3/4	1	6	12	8	6	2 1/2	4 1/2	2 3/4	1 1/2	1	3 3/4	18	19	12	13	14 1/4	13 3/4	6 1/2	7 1/4	15 1/2			20.0
5																											

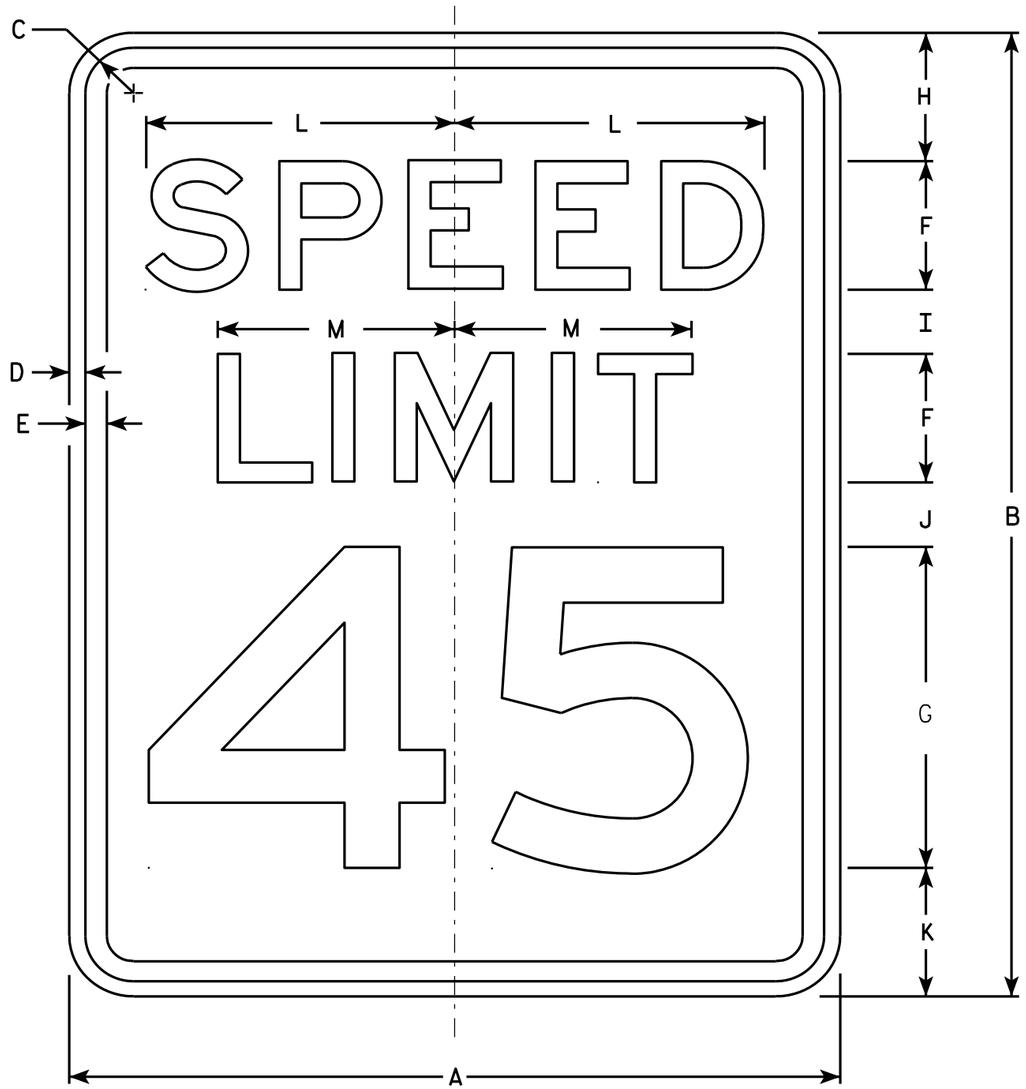
STANDARD SIGN
R12-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/11 PLATE NO. R12-1.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 246 | 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

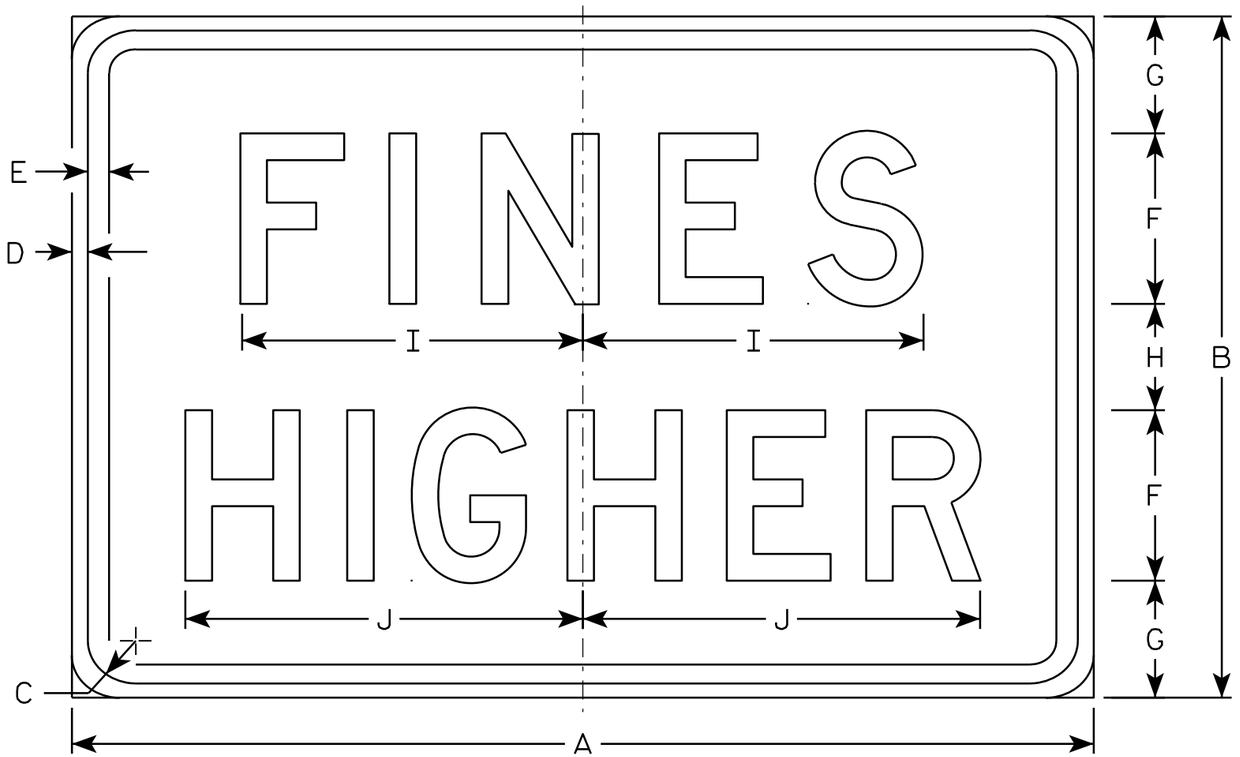
STANDARD SIGN
R2-1

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: 247 | E



R2-6P

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	18	1 1/8	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
2M	24	18	1 1/8	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
3	36	24	1 1/8	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
4	36	24	1 1/8	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
5	48	36	1 3/8	1/2	5/8	8	7	6	15 1/8	19																	12.0

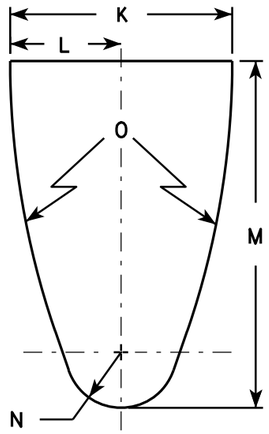
STANDARD SIGN
R2-6P

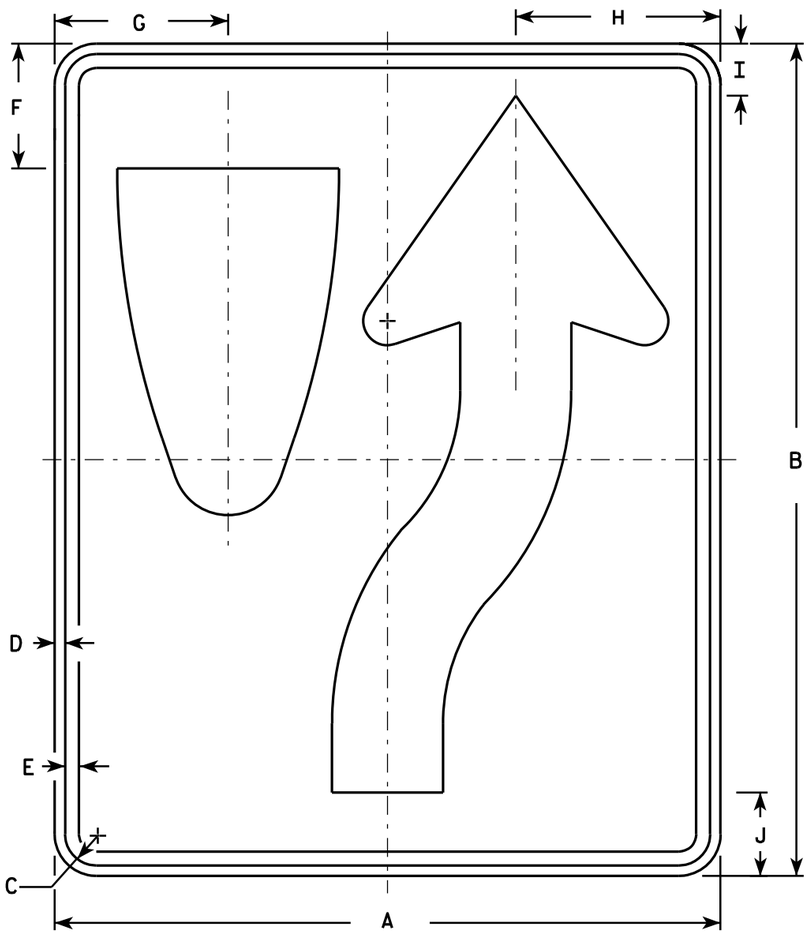
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/20/10 PLATE NO. R2-6P.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 248 | E

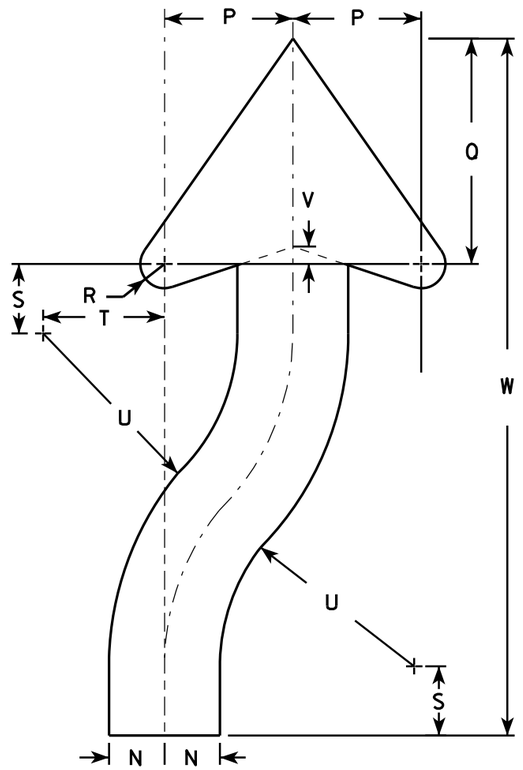




R4-7

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

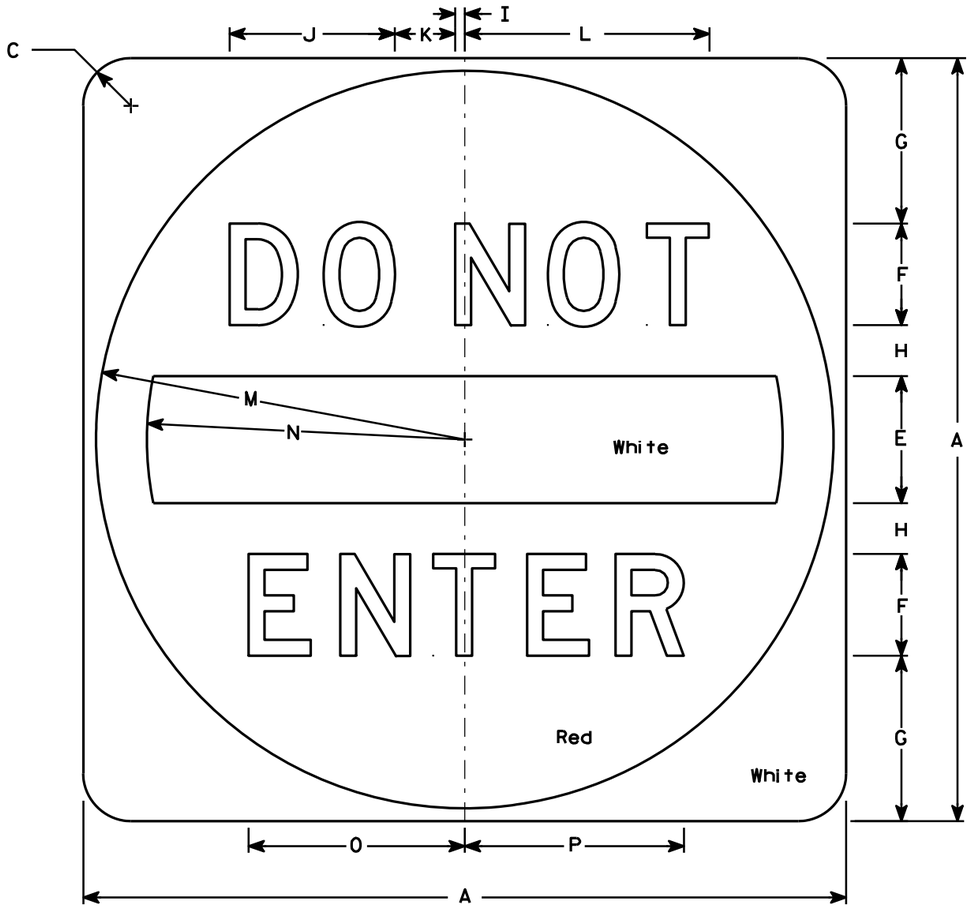
STANDARD SIGN
R4-7 & R4-8

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: 249	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

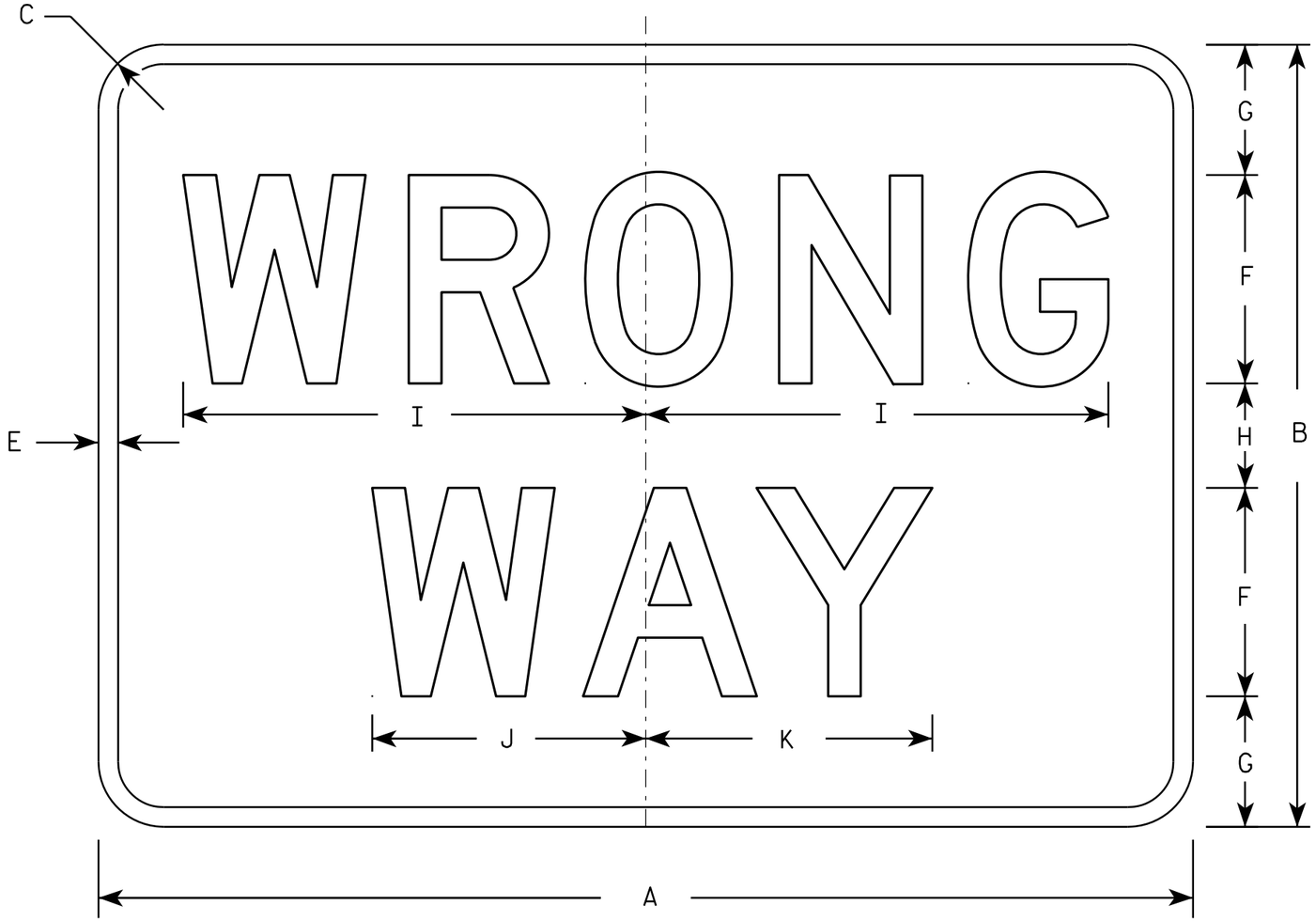
STANDARD SIGN
R5-1

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: 250 | 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

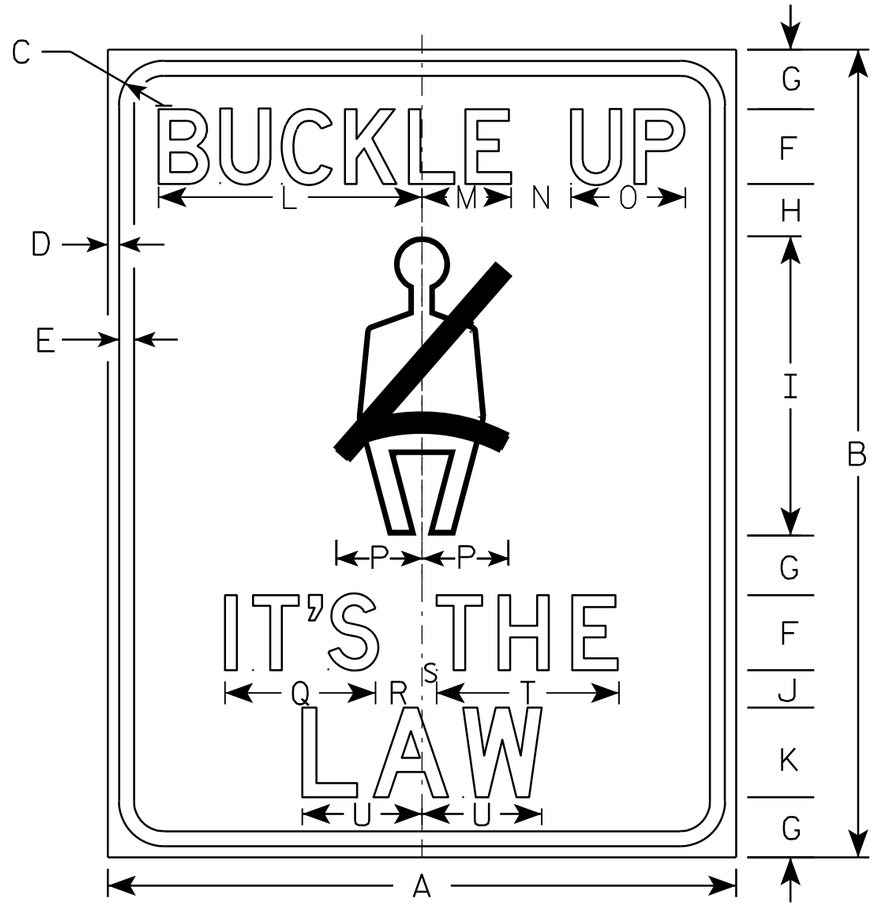
STANDARD SIGN
R5-1A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1A.2

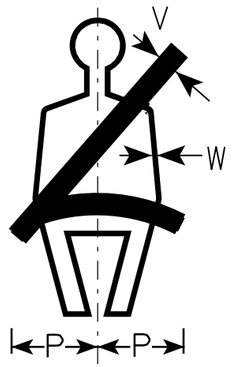
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 251 | E



R5-53A

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	18	24	1 1/8	3/8	3/8	2	1 3/4	1 1/2	9	1 1/4	3	6 3/4	2 1/4	1 1/2	2 7/8	2 1/2	3 7/8	1 1/4	3/8	4 5/8	3 7/8	5/8	1/8				3.00
2M	18	24	1 1/8	3/8	3/8	2	1 3/4	1 1/2	9	1 1/4	3	6 3/4	2 1/4	1 1/2	2 7/8	2 1/2	3 7/8	1 1/4	3/8	4 5/8	3 7/8	5/8	1/8				3.00
3																											
4																											
5	42	54	2 1/4	3/4	1	5	4	3 1/2	20	2 1/2	6	17 5/8	6	4	7 5/8	5 3/4	10	3 1/2	1	12 1/4	8	1 1/2	3/8				15.75

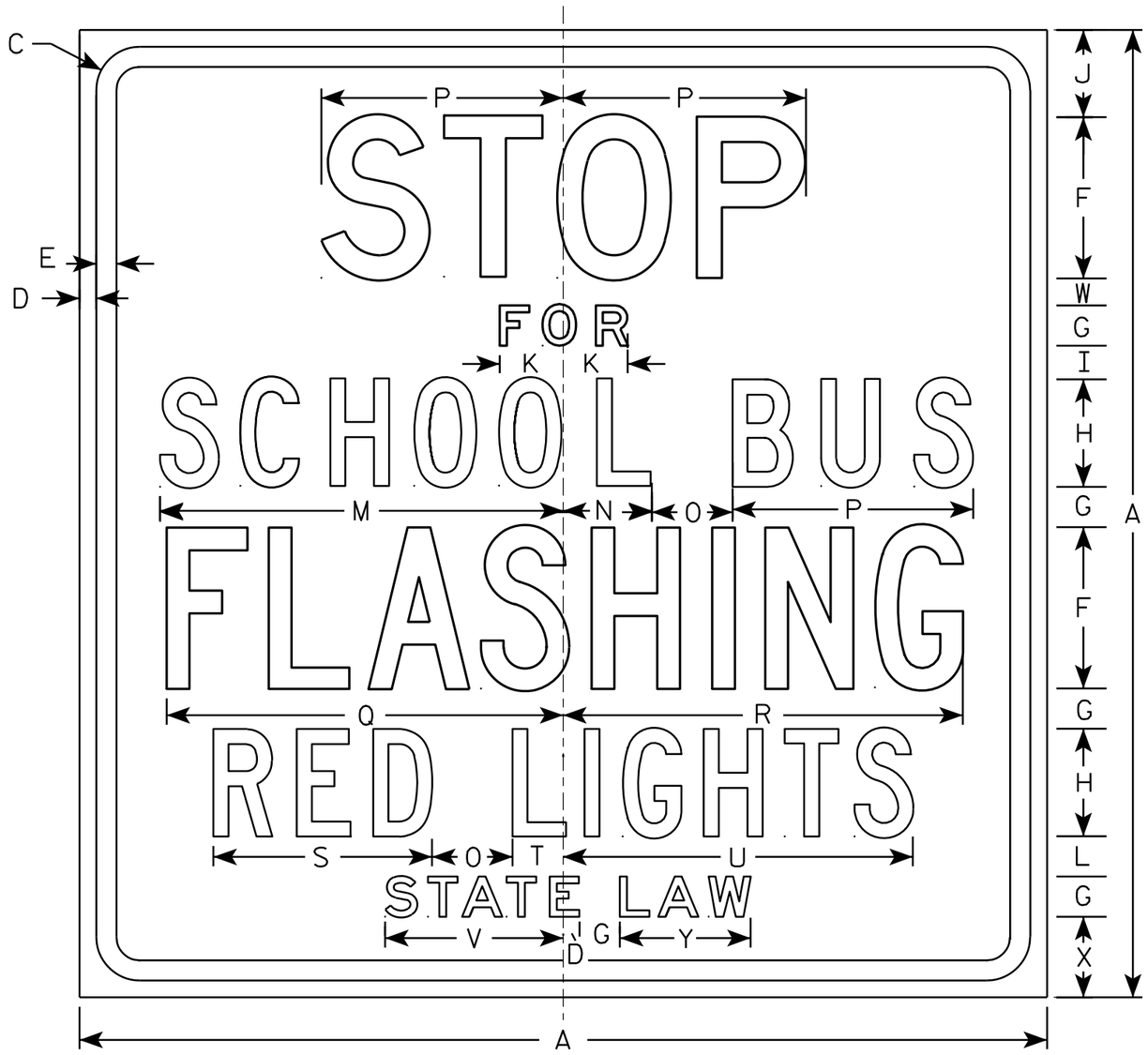
STANDARD SIGN
R5-53A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2011 PLATE NO. R5-53A.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 252 | E



R59-51

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series D
   Lines 2 & 6 are Series E
   Line 3, 4 & 5 are Series C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36		1 5/8	5/8	3/4	6	1 1/2	4	1 1/4	3 1/4	2 3/8	1 1/2	15	3 1/4	3	9	14 3/4	14 7/8	8 1/8	1 7/8	13	6 5/8	1	3	4 7/8		9.0
2M	36		1 5/8	5/8	3/4	6	1 1/2	4	1 1/4	3 1/4	2 3/8	1 1/2	15	3 1/4	3	9	14 3/4	14 7/8	8 1/8	1 7/8	13	6 5/8	1	3	4 7/8		9.0
3	48		2 1/4	3/4	1	8	2	6	1 1/4	4 3/4	3 1/4	1 1/2	20 1/4	5	3 5/8	12	19 1/2	20	11 5/8	3 3/4	19	9 1/2	1	3 1/2	6 3/4		16.0
4	48		2 1/4	3/4	1	8	2	6	1 1/4	4 3/4	3 1/4	1 1/2	20 1/4	5	3 5/8	12	19 1/2	20	11 5/8	3 3/4	19	9 1/2	1	3 1/2	6 3/4		16.0
5																											

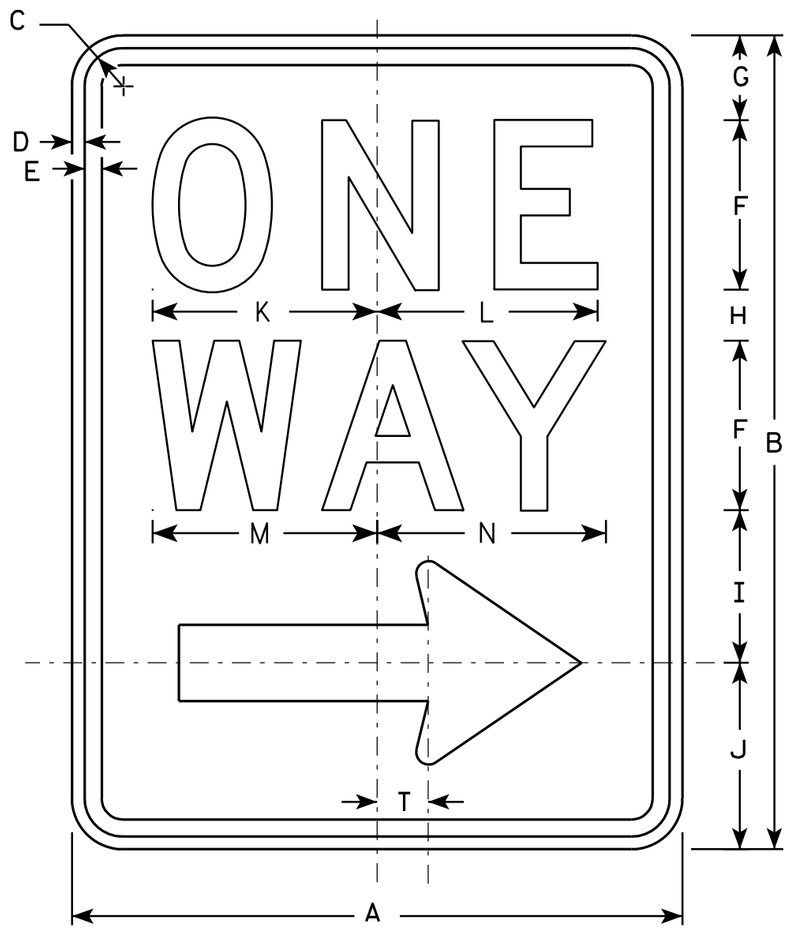
STANDARD SIGN
R59-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/30/11 PLATE NO. R59-51.10

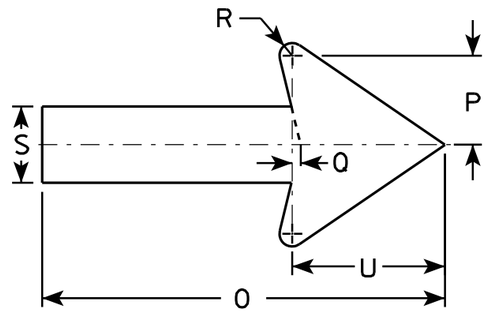
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 253 | E



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																										

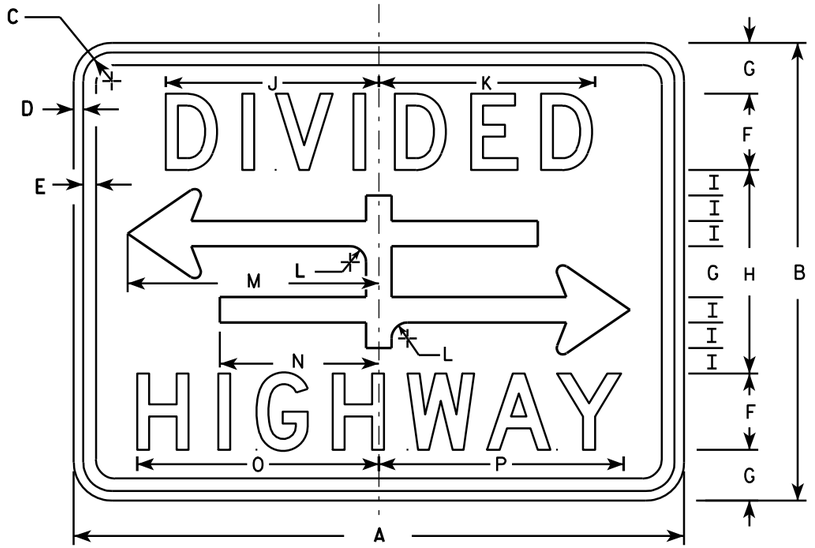
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

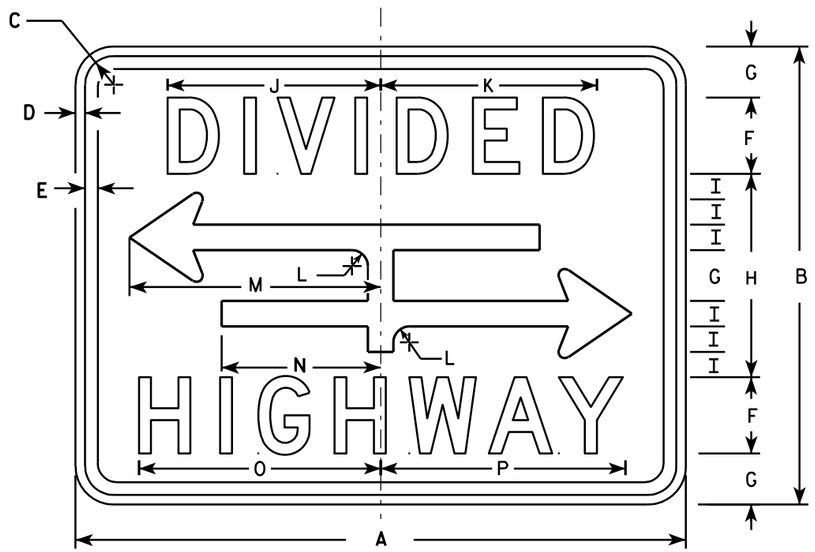
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 254	E



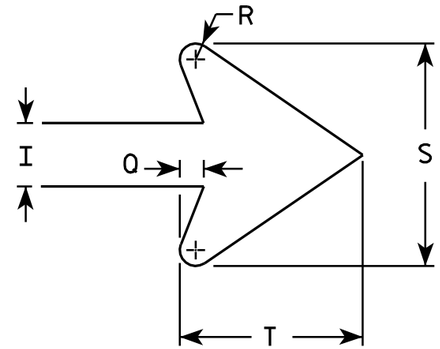
R6-3

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

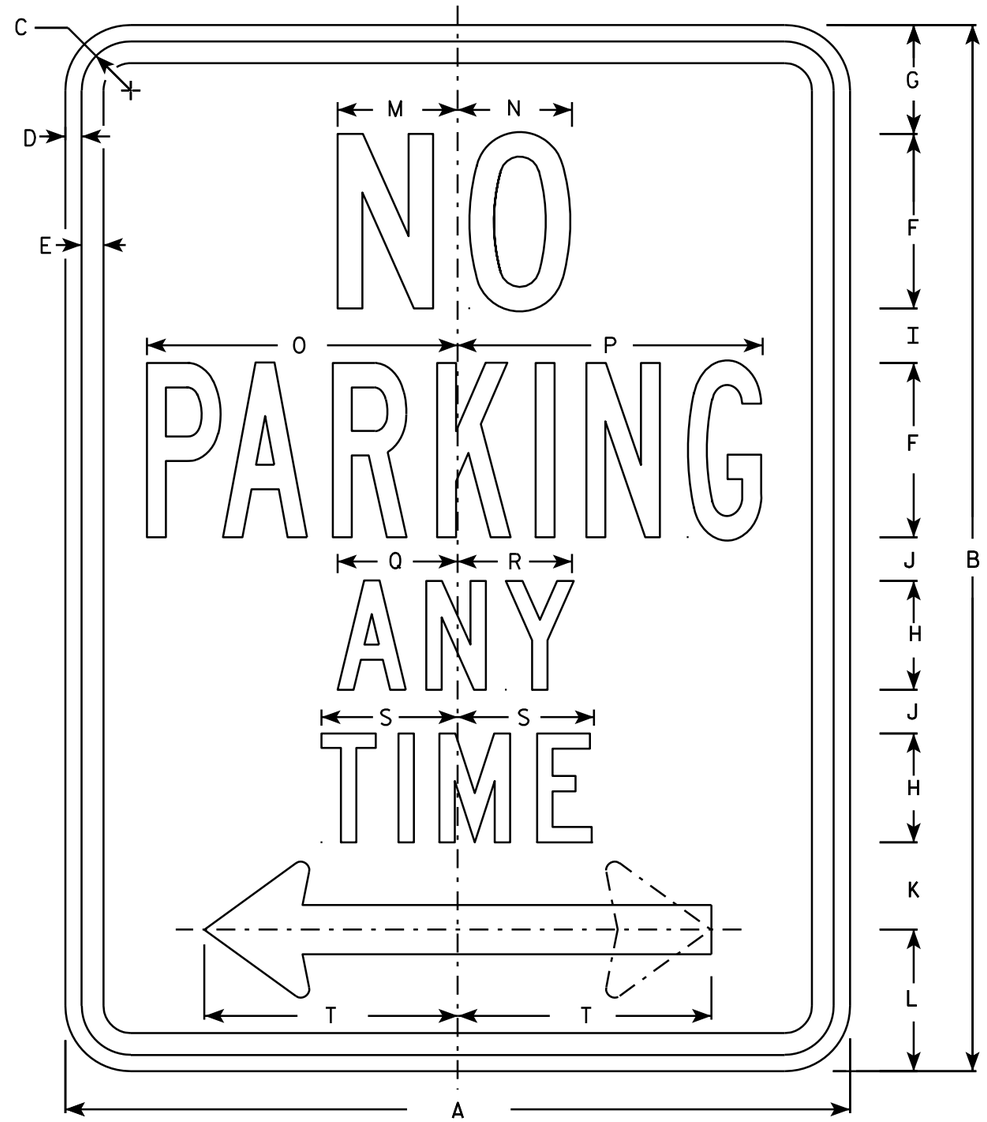
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R6-3.5

PROJECT NO:

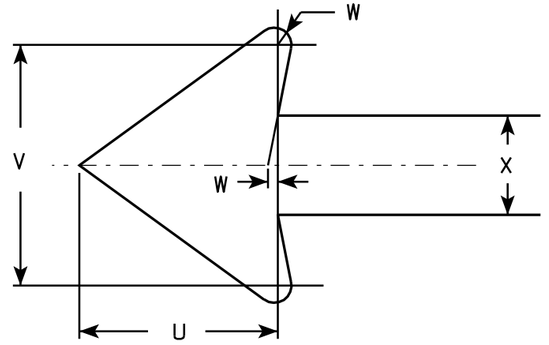
SHEET NO: 255 E



R7-1

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 - Red
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1, 3 and 4 are series C, line 2 is series B.
6. R7-1D (double arrow)
   R7-1L (left arrow)
   R7-1R (right arrow)



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	18	1 1/8	3/8	3/8	3	1 7/8	2	7/8	5/8	1 1/2	2 1/2	2	2	4 7/8	4 7/8	2 1/4	2 1/8	2 1/2	3 7/8	1 1/2	1 3/4	1/8	3/4			1.5
2S	18	24	1 1/8	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	2 3/4	2 5/8	3 1/8	5 7/8	2 1/4	2 5/8	1/4	1 1/8			3.0
2M	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
3	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
4																											
5																											

STANDARD SIGN
R7-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R7-1.9

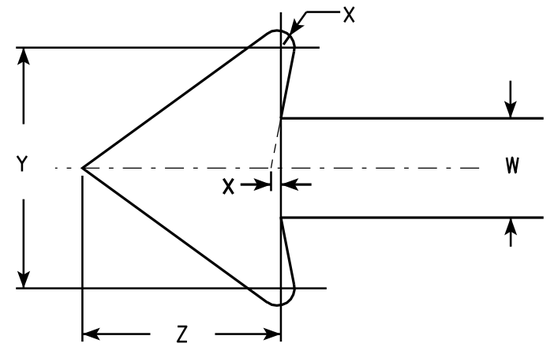
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 256 | E



R7-53

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1, 3 and 4 are series C, line 2 is series B.
6. R7-53D (double arrow)
   R7-53L (left arrow)
   R7-53R (right arrow)



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	12	18	1 1/8	3/8	3/8	3	1 7/8	2	7/8	5/8	1 1/2	2 1/2	2	2	4 7/8	4 7/8	2 5/8	1 3/4	1/4	4 1/2	2 3/8	3 7/8	3/4	1/8	1 3/4	1 1/2	1.5
2S	18	24	1 1/8	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	3 3/8	1 1/2	5/8	5 3/8	3	5 7/8	1 1/8	1/4	2 5/8	2 1/4	3.0
2M	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	4	2	5/8	6 5/8	3 5/8	7 3/4	1 1/2	1/4	3 1/2	3	5.0
3	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	4	2	5/8	6 5/8	3 5/8	7 3/4	1 1/2	1/4	3 1/2	3	5.0
4																											
5																											

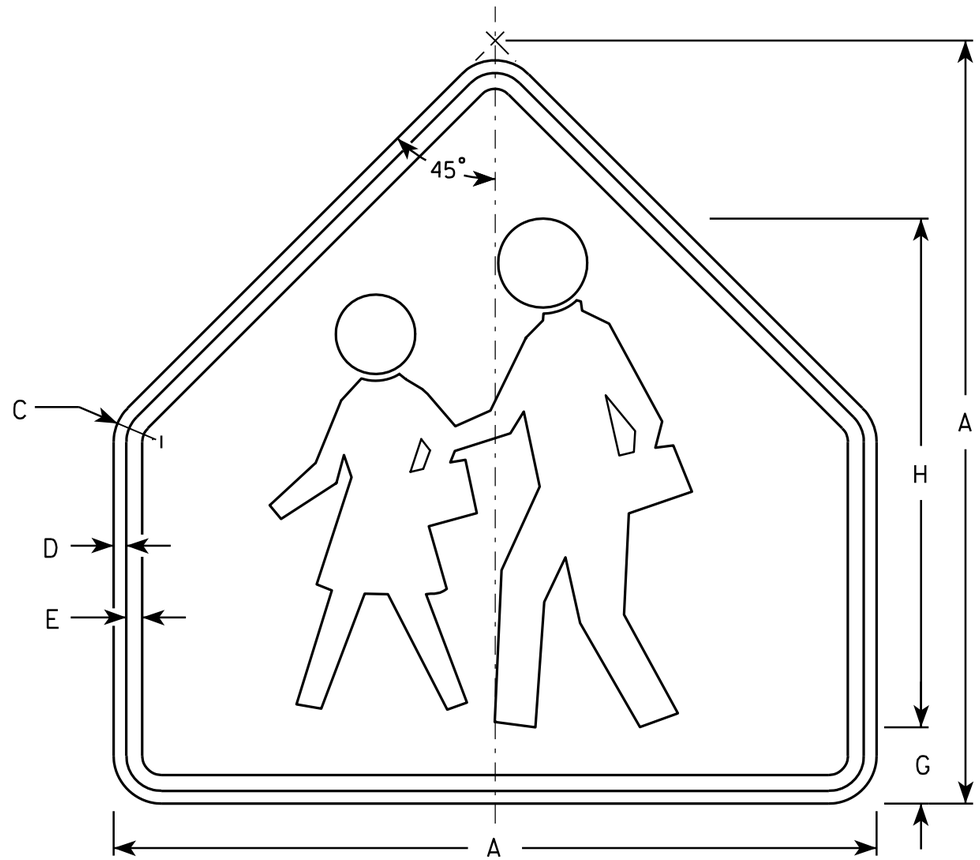
STANDARD SIGN
R7-53

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R7-53.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 257	E



S1-1

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-Green
   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	30		1 3/8	1/2	5/8		3	20																			4.69
2	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
3	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
4	48		2 1/4	3/4	1		4 3/4	32																			12
5																											

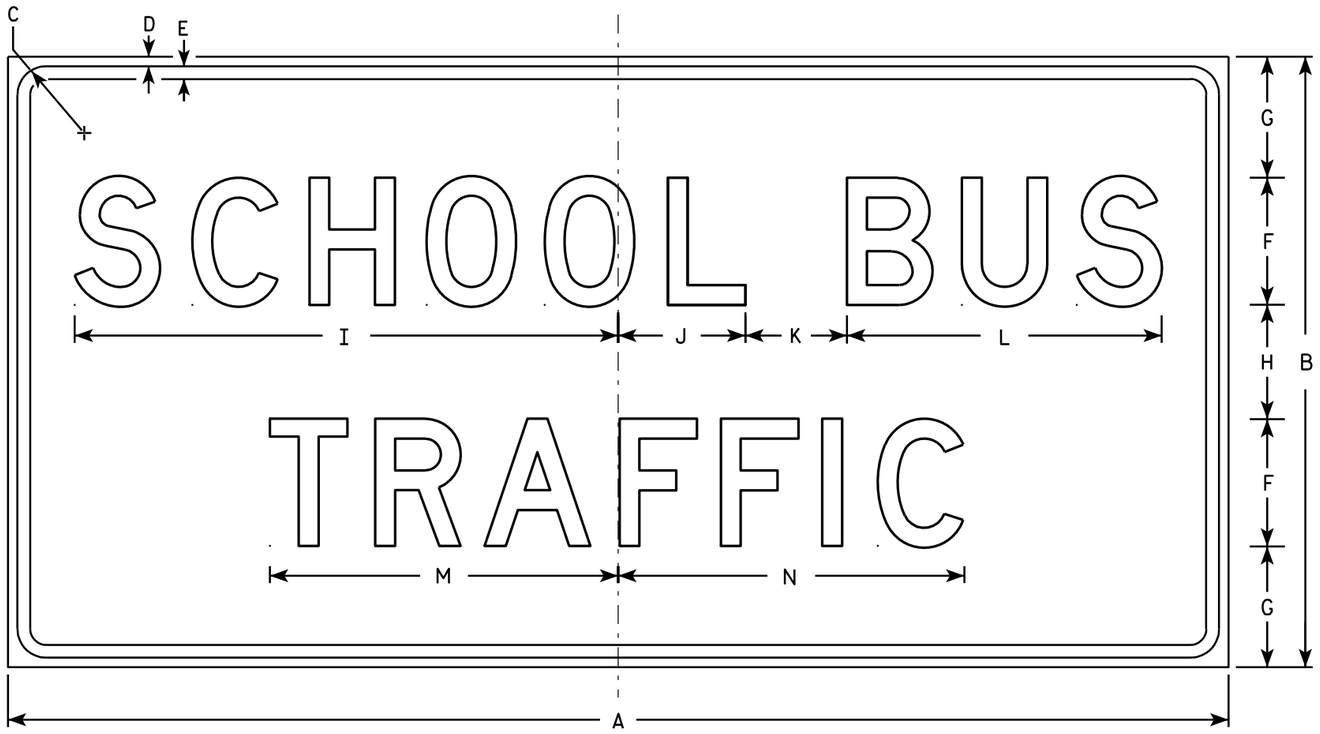
STANDARD SIGN
S1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/30/05 PLATE NO. S1-1.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 258	E



S3-51

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow-Green
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	24	1 3/8	1/2	5/8	5	4 3/4	4 1/2	21 3/8	5	4	12 3/8	14	13 5/8													8.0
2M	48	24	1 3/8	1/2	5/8	5	4 3/4	4 1/2	21 3/8	5	4	12 3/8	14	13 5/8													8.0
3																											
4	96	48	2 1/4	3/4	1	10	9 1/2	9	42 3/4	10	8	24 3/4	27 3/8	27 1/8													32.0
5																											

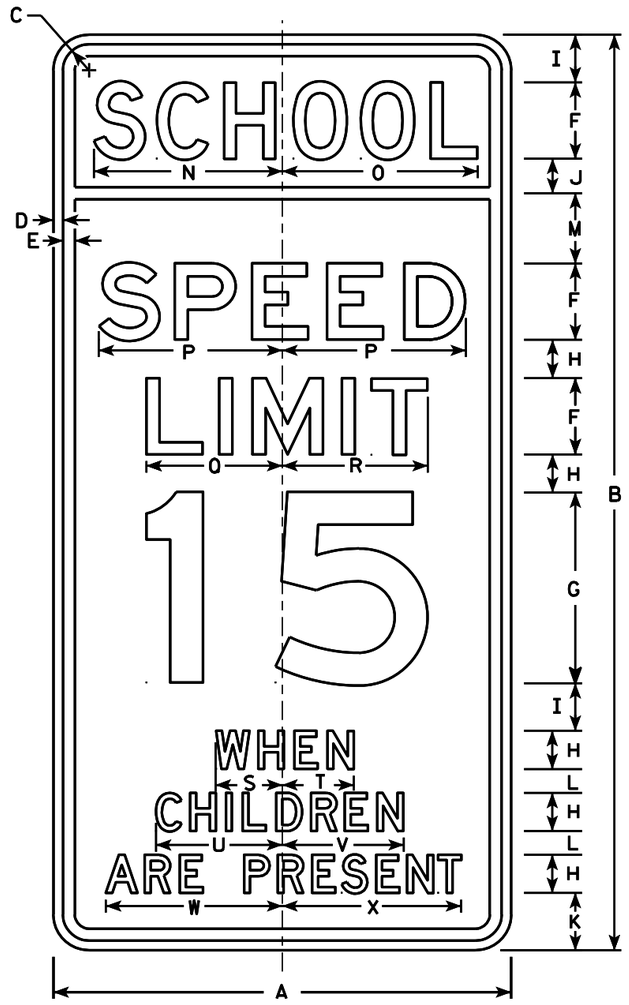
STANDARD SIGN
S3-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/02/10 PLATE NO. S3-51.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 259	E



S4-51

NOTES

1. Sign is Type II - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. (See note 5).
2. Color:
   Background - See note 5
   Message - Black
3. Message Series - See note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Top panel (SCHOOL) background - Yellow Green -Type F Reflective.
   Lower panel background - White -Type H Reflective.
6. From top to bottom:
   Lines 1, 5, 6 & 7 are series D
   Lines 2, 3 & 4 are series E
7. Line 4 substitute appropriate numerals and adjust spacing to achieve proper balance.

Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 1200 mm
3	900 mm X 1800 mm
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	24	48	1 3/8	1/2	5/8	4	10	2	2 1/2	1 3/4	3	1 1/4	3 3/4	9 7/8	10 1/4	9 5/8	7 1/8	7 5/8	3 1/2	3 3/8	6 5/8	6 3/8	9 1/4	9 3/8			8.00	0.72
3	36	72	2 1/4	3/4	1	6	15	3	3 3/4	2 3/4	4 1/2	1 7/8	5 1/2	15	15 1/4	14 1/2	11 1/4	11 1/2	5 1/2	5 3/4	10	9 3/4	14	14 1/8			18.00	1.62
4																												
5																												

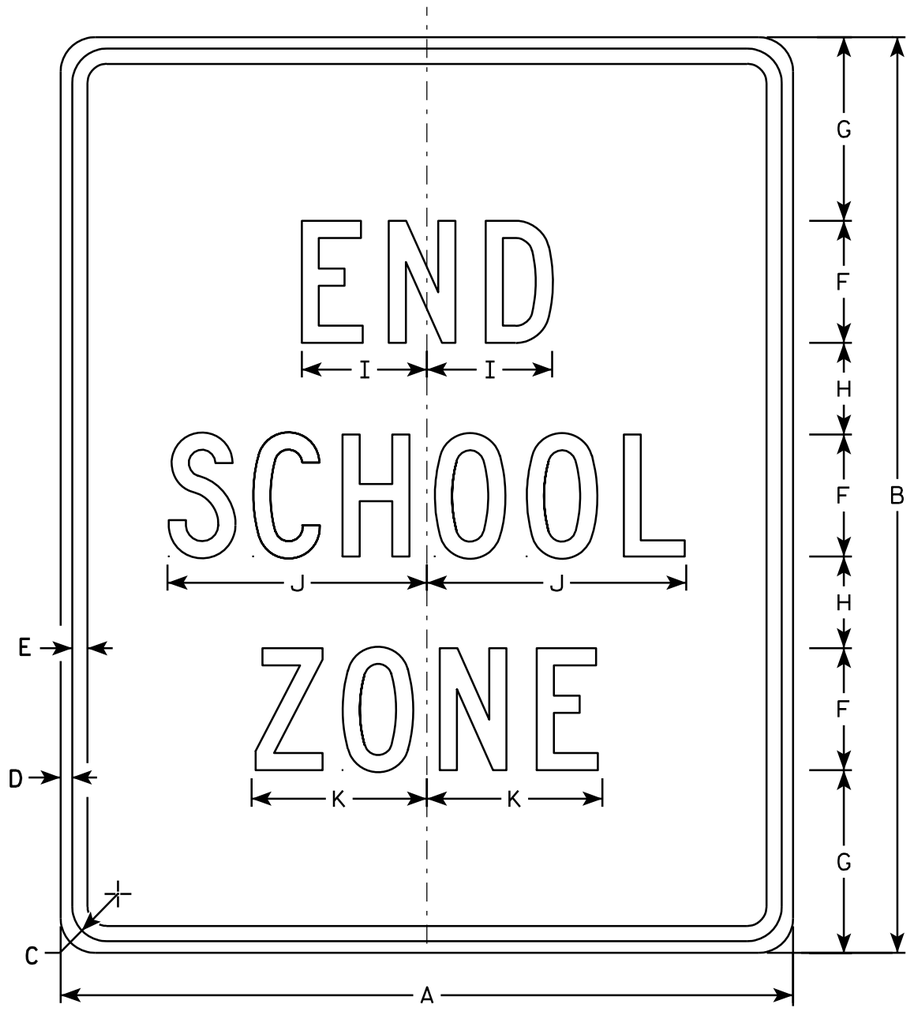
STANDARD SIGN
S4-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/26/10 PLATE NO. S4-51.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 260	E



S5-2

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 - 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																											
2	24	30	1 1/8	3/8	1/2	4	6	3	4 1/8	8 1/2	5 3/4																5.0
3	36	42	1 5/8	5/8	3/4	6	7	5	6 1/8	12 5/8	8 5/8																10.5
4																											
5																											

STANDARD SIGN
S5-2

WISCONSIN DEPT OF TRANSPORTATION

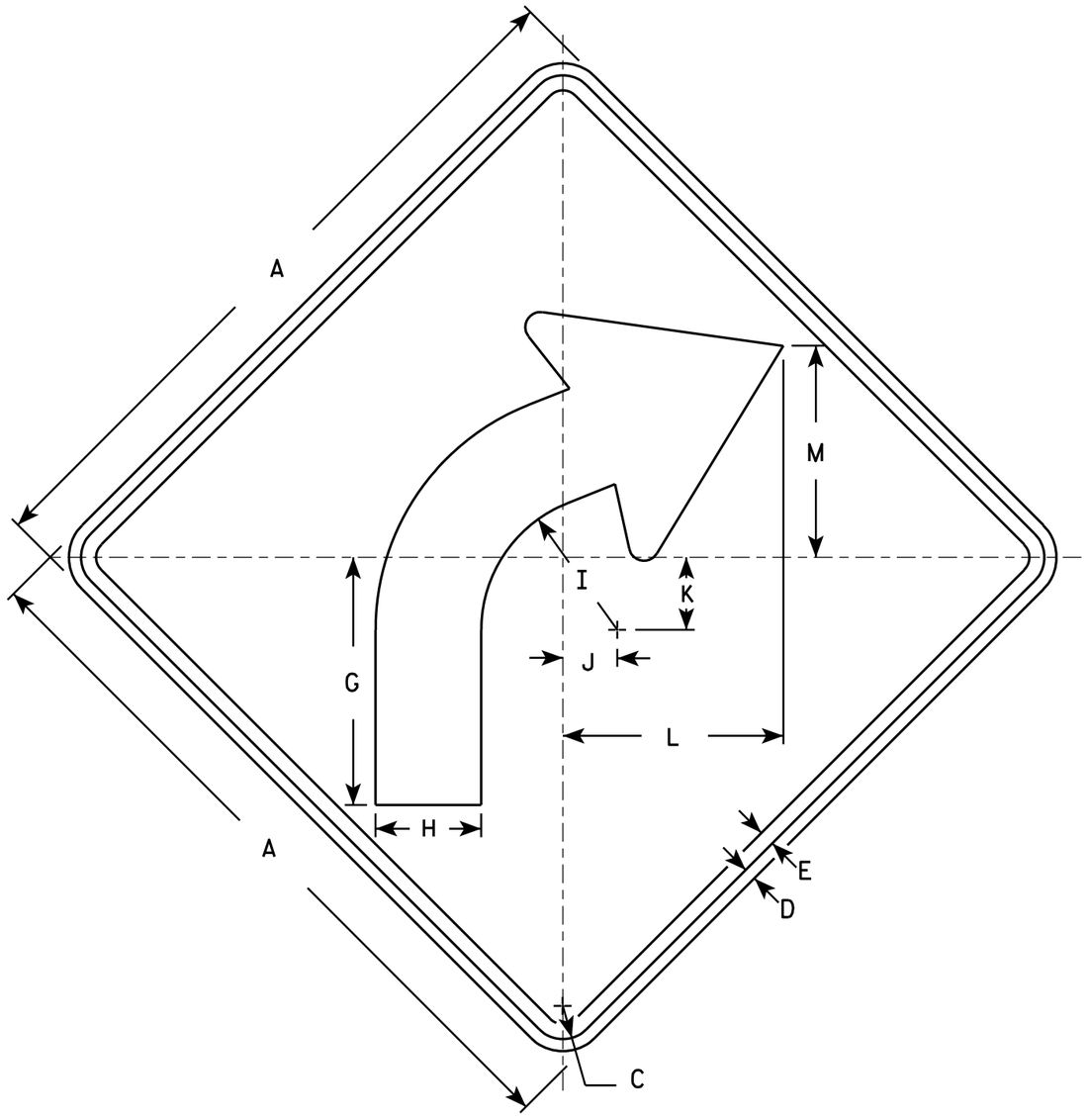
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/8/11 PLATE NO. S5-2.2

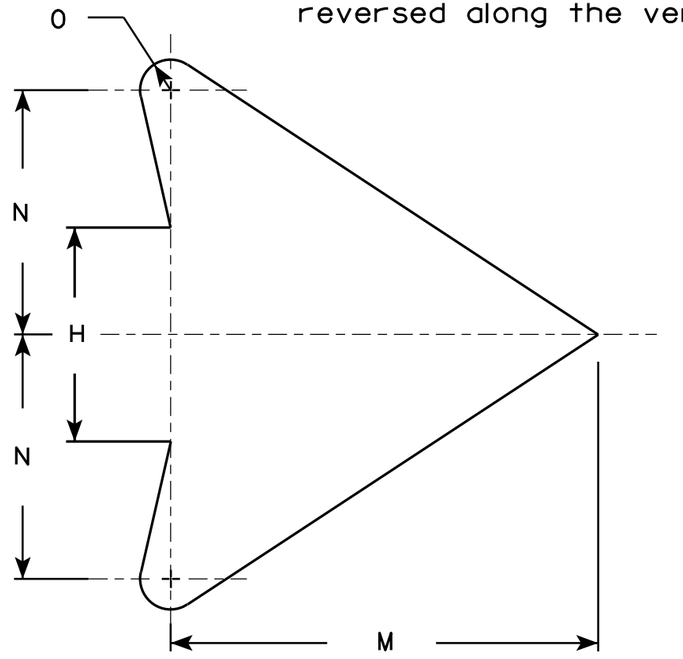
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 261 | E

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. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



W1-2R



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		1 1/8	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
2S	30		1 3/8	1/2	5/8		10 1/4	4 3/8	5 5/8	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
3	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
4	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
5	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0

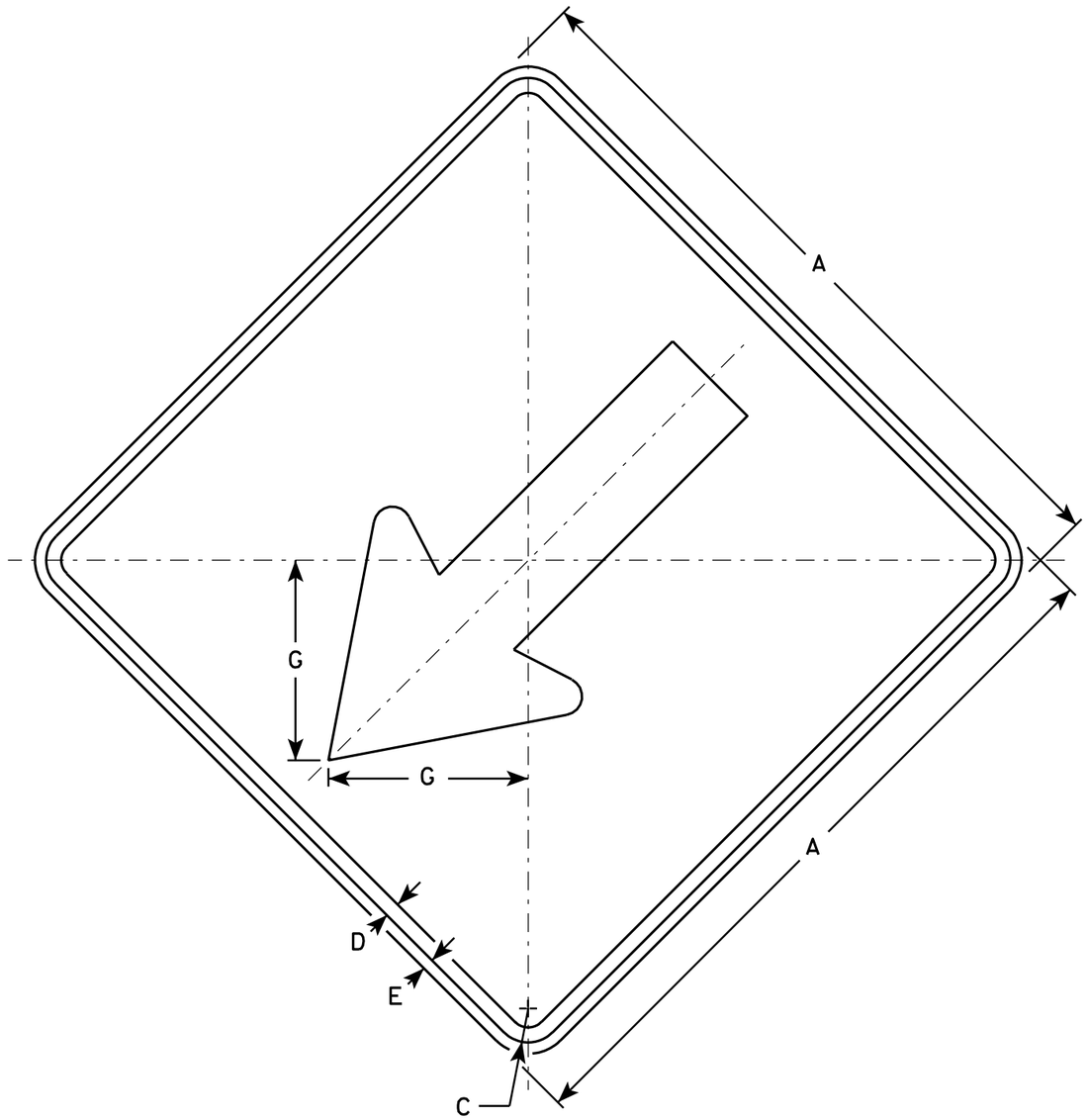
STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/15/12 PLATE NO. W1-2.10

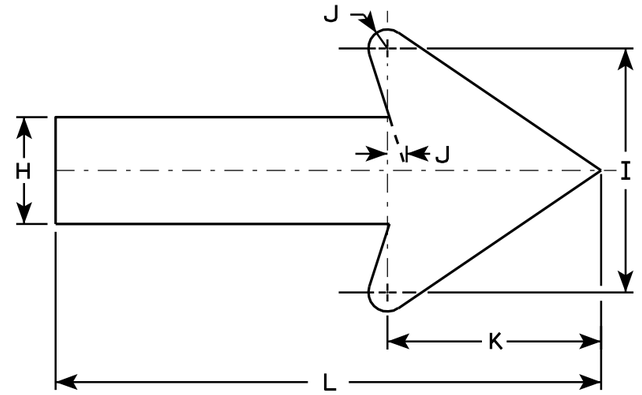
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 262	E



W12-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - 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.



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																											
2S	24		1 1/8	1/2	3/8		6 5/8	3 1/2	8	5/8	7	18															4
2M	24		1 1/8	1/2	3/8		6 5/8	3 1/2	8	5/8	7	18															4
3	30		1 3/8	5/8	1/2		8 1/4	4 3/8	10	3/4	8 3/4	22 3/8															6.25
4	36		1 3/4	3/4	5/8		10 3/8	5 1/2	12 1/2	1	11	27 7/8															9.0
5	48		2 1/4	3/4	1		12 1/2	6 5/8	15	1 1/4	13 1/4	33 1/2															16

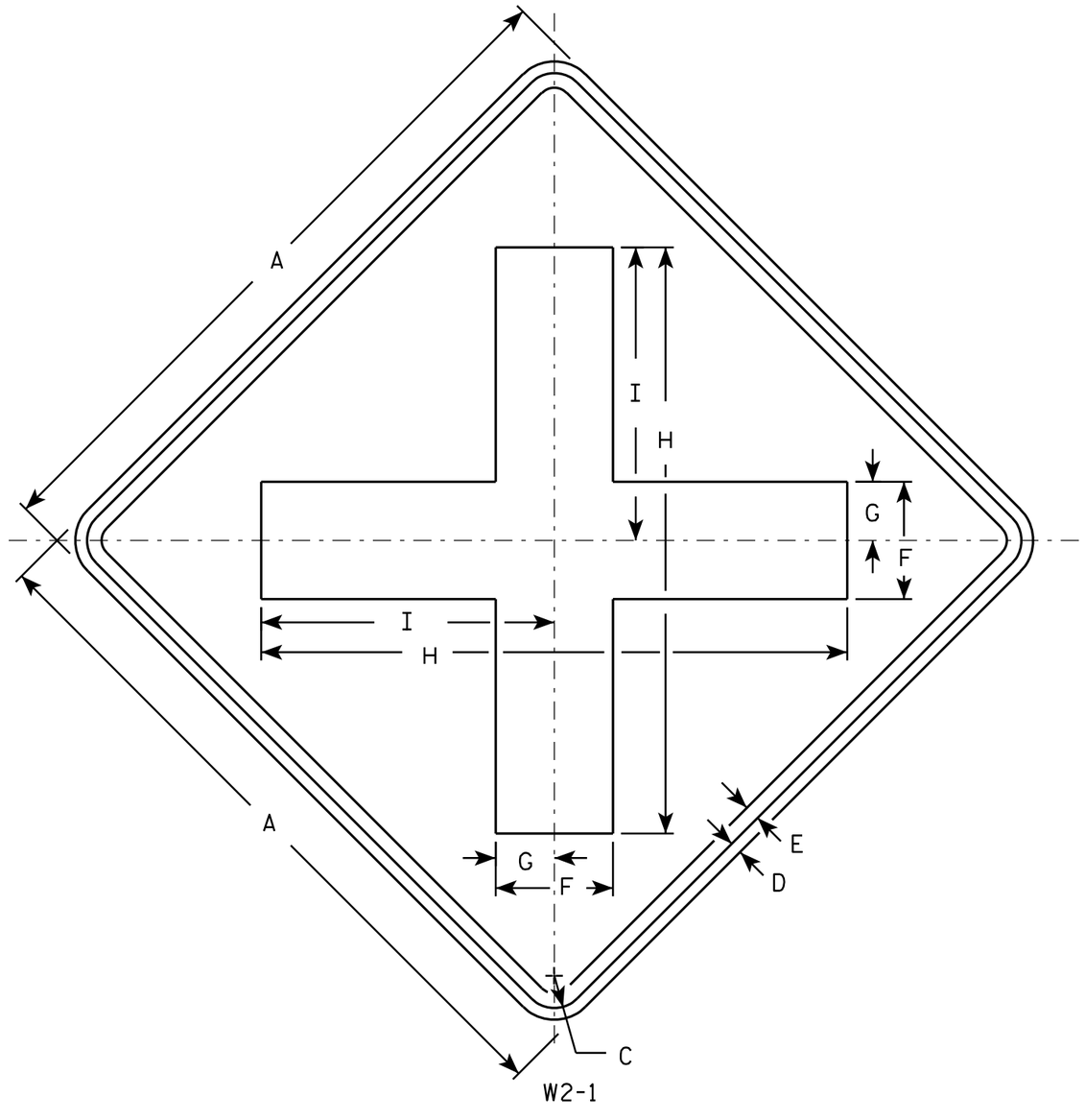
STANDARD SIGN
W12-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/11 PLATE NO. W12-1.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 263 | E



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	24		1 1/8	3/8	1/2	4	2	20	10																		4.0
2S	30		1 3/8	1/2	5/8	5	2 1/2	25	12 1/2																		6.25
2M	30		1 3/8	1/2	5/8	5	2 1/2	25	12 1/2																		6.25
3	36		1 5/8	5/8	3/4	6	3	30	15																		9.0
4	48		2 1/4	3/4	1	8	4	40	20																		16.0
5																											

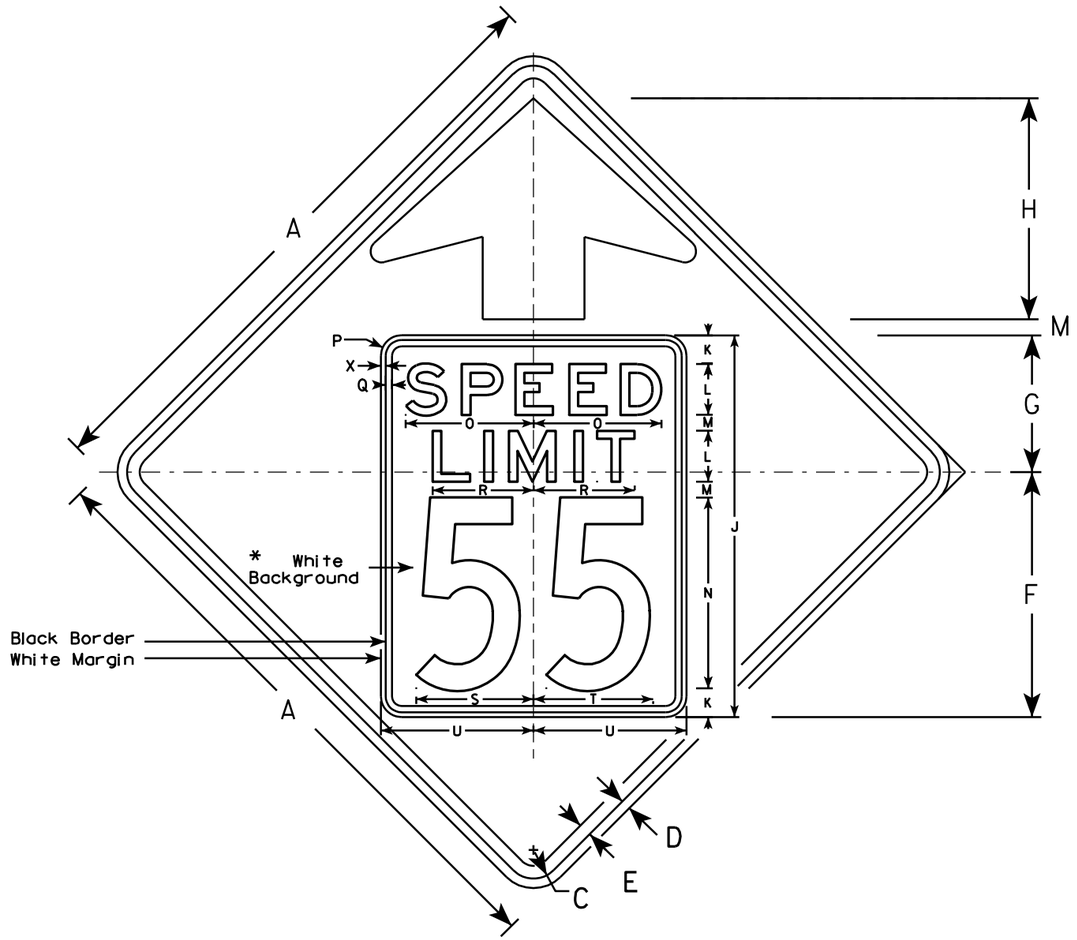
STANDARD SIGN
W2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W2-1.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 264	E

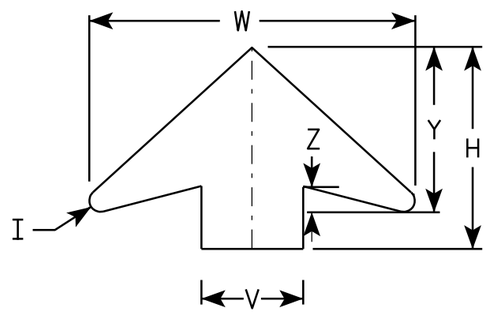


W3-5

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 - C for numbers Series E for wording
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance

*Speed Limit Sign shall have a White Background



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																											
2S	36		1 5/8	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
2M	36		1 5/8	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
3	36		1 5/8	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
4	48		2 1/4	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0
5	48		2 1/4	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0

STANDARD SIGN
W3-5

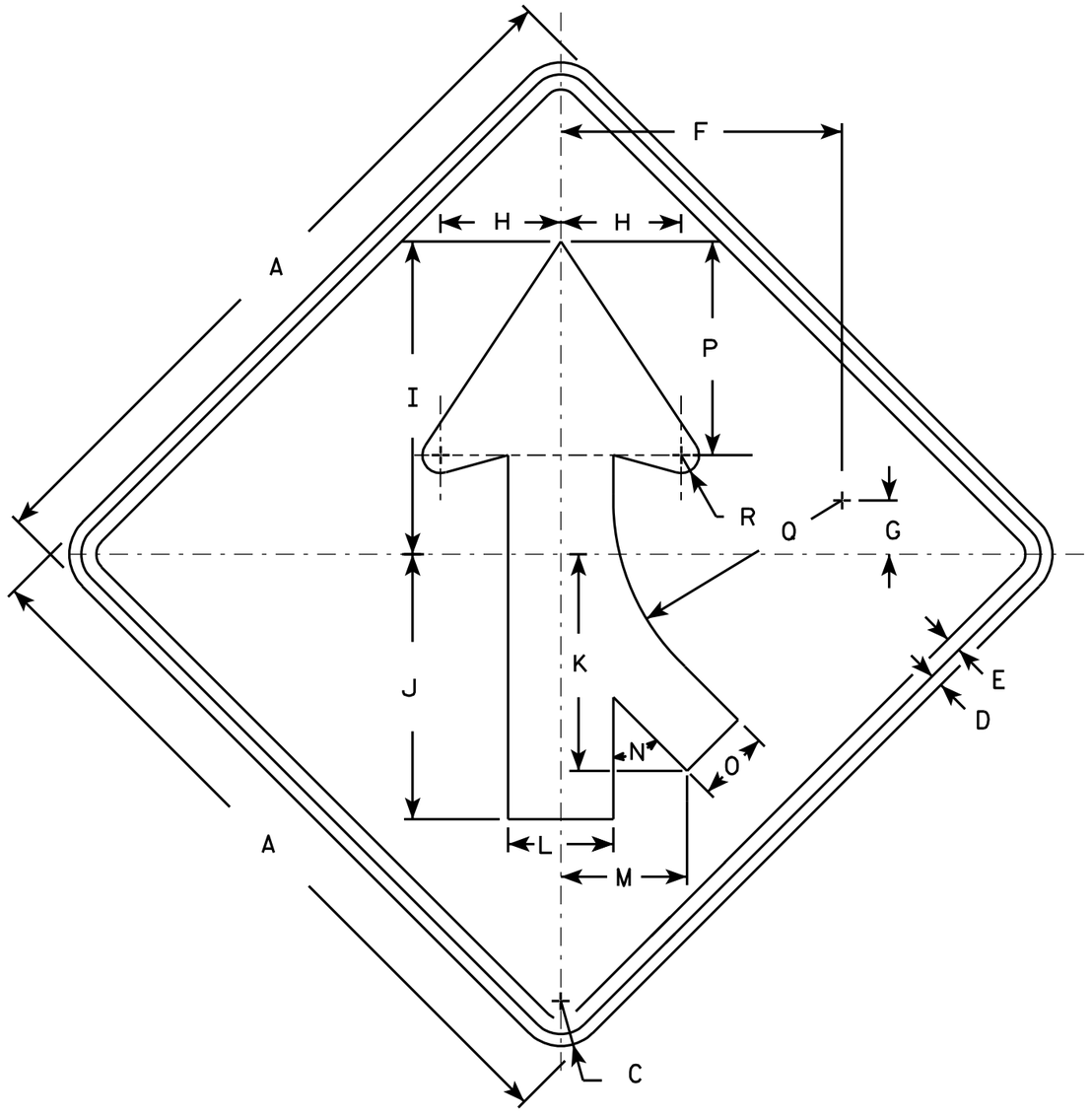
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W3-5.5

PROJECT NO:

SHEET NO: 265 E



W4-1 R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W4-1L is the same as W4-1R 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	30		1 3/8	1/2	5/8	11 5/8	2 1/2	5	13	11	9	4 3/8	5 1/4	45°	3	8 7/8	9 1/2	3/4									6.25
2S	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
2M	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
3	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
4	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
5	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0

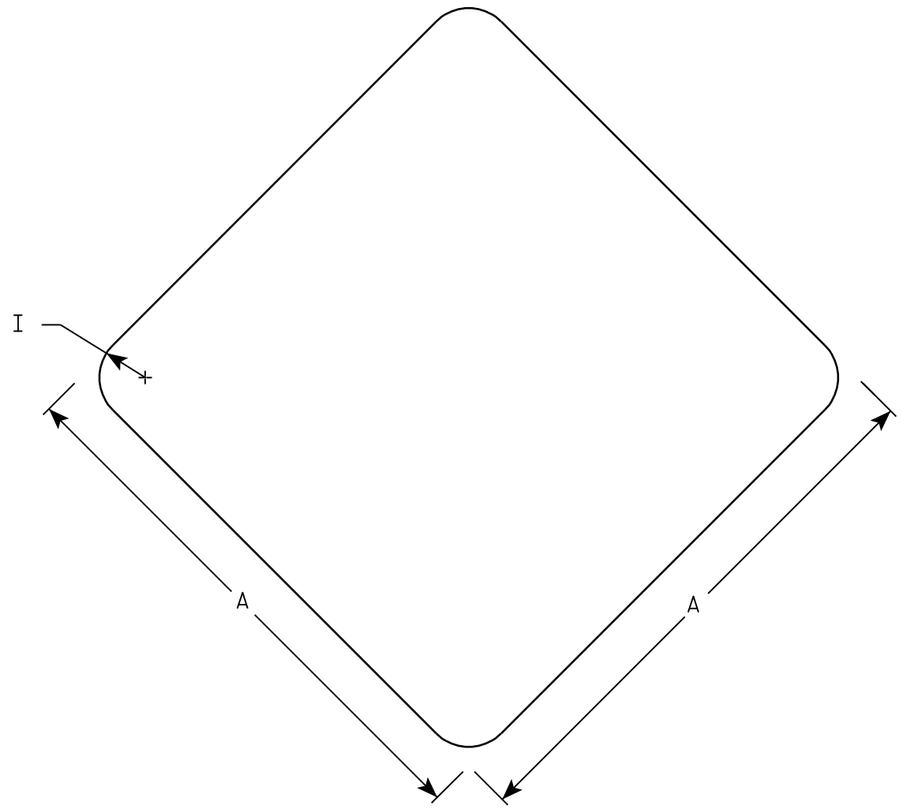
STANDARD SIGN
W4-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/21/11 PLATE NO. W4-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 266	E



W5-54

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
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																											

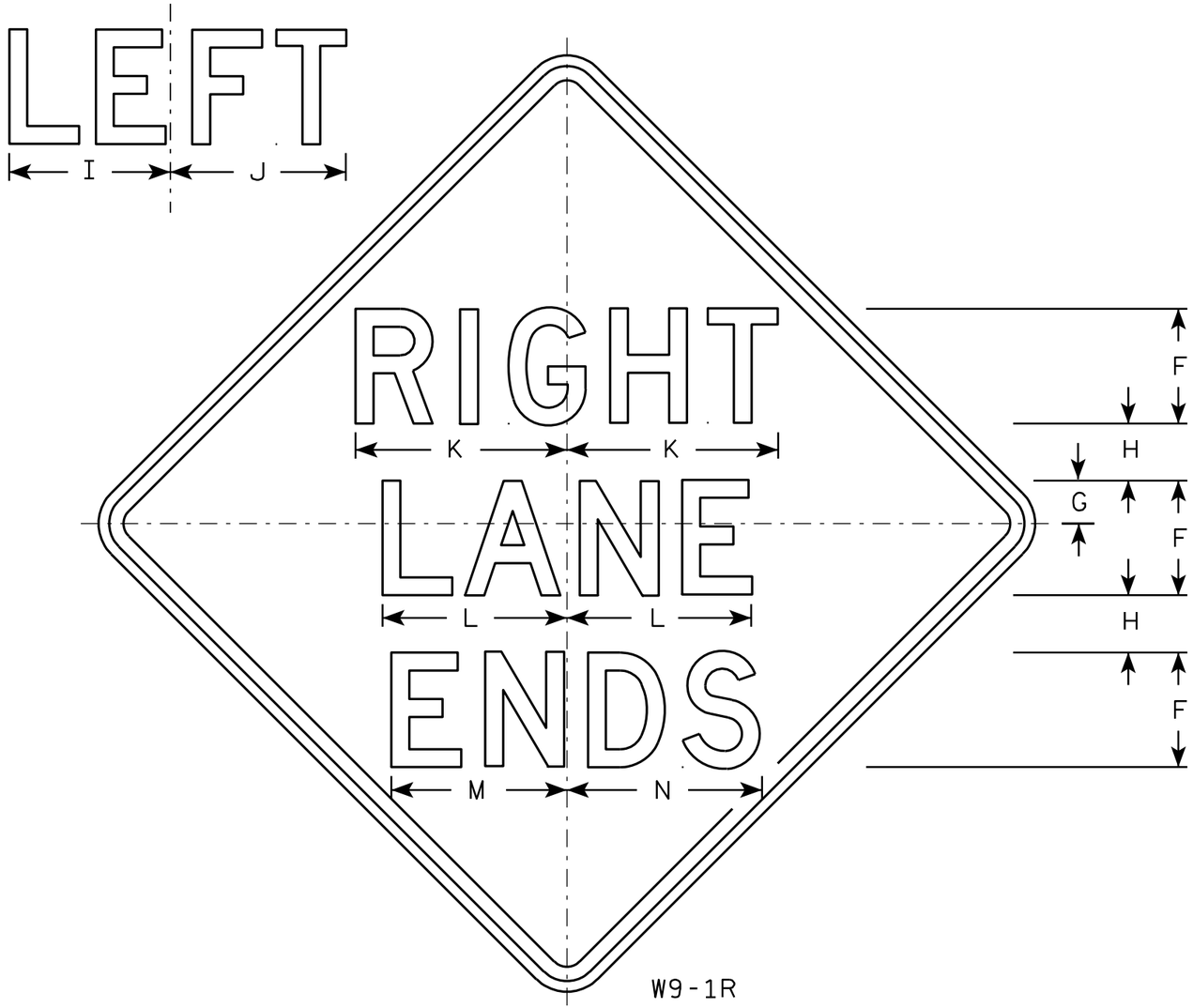
STANDARD SIGN
W5-54

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/3/10 PLATE NO. W5-54.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 267 | E



W9-1R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. W9-1L same as W9-1R except the word Left replaces Right.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	5	1 1/2	2 1/2	7 1/8	7 5/8	9 1/4	8 1/8	7 5/8	8 5/8													6.25
2S	36		1 5/8	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
2M	36		1 5/8	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
3	36		1 5/8	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
4	36		1 5/8	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
5	48		2 1/4	3/4	1	8	3	4	11 1/4	12 1/4	14 3/4	12 7/8	12 1/4	13 5/8													16.0

STANDARD SIGN
W9-1

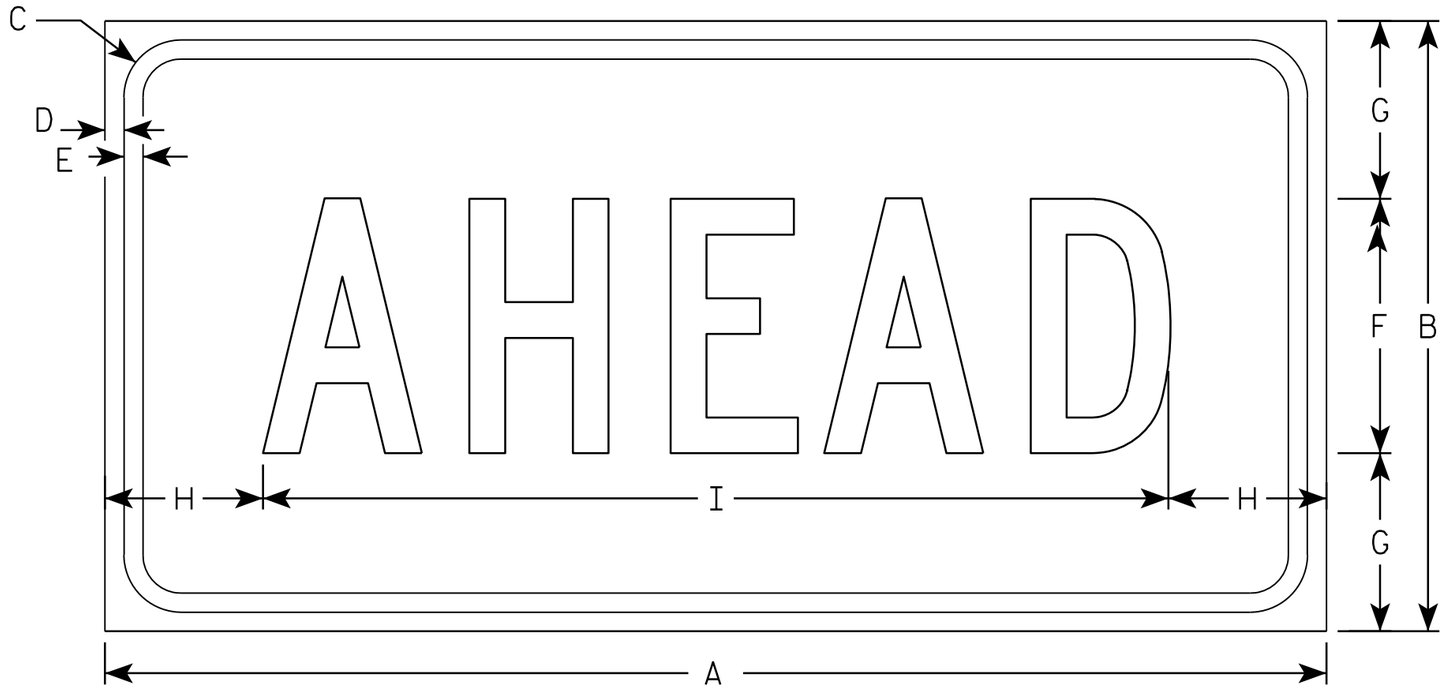
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 12/20/10 PLATE NO. W9-1.7

PROJECT NO:

SHEET NO: 268 E



WF16-9P

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-Green
   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	24	12	1 1/8	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
2S	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
2M	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
3	30	18	1 1/8	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
4	48	24	1 3/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
5																											

STANDARD SIGN
WF16-9P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/29/2012 PLATE NO. WF16-9P.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 269 | E

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut	Cumulative Vol (CY) Expanded Fill	Cumulative Vol (CY) Expanded EBS Backfill	Mass Ordinate
											1.00	1.20	1.00	
			Note 1				Note 1	Note 2	Note 3		Note 1		Note 5	Note 8
95+40.26	9540.26	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0.00
95+50	9550.00	9.74	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0.00
95+87.59	9587.59	37.59	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0.00
96+00	9600.00	12.41	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0.00
96+41.09	9641.09	41.09	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0.00
96+50	9650.00	8.91	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0.00
97+00	9700.00	50.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0.00
97+50	9750.00	50.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0.00
98+00	9800.00	50.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0.00
98+50	9850.00	50.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0.00
99+00	9900.00	50.00	0.00	1.88	0.00	0.00	0	2	0	0	0	0	0	-1.74
99+50	9950.00	50.00	32.93	1.88	0.00	0.00	30	3	0	0	30	0	0	25.29
100+00	10000.00	50.00	29.27	7.50	0.00	0.00	58	9	0	0	88	0	0	74.20
100+50	10050.00	50.00	31.79	6.25	0.00	0.00	57	13	0	0	145	0	0	118.01
101+00	10100.00	50.00	30.95	6.25	0.00	0.00	58	12	0	0	203	0	0	164.53
101+50	10150.00	50.00	30.53	6.25	0.00	0.00	57	12	0	0	260	0	0	209.87
102+00	10200.00	50.00	30.43	6.25	0.00	0.00	56	12	0	0	316	0	0	254.74
102+50	10250.00	50.00	26.39	6.15	0.00	0.00	53	11	0	0	369	0	0	295.87
103+00	10300.00	50.00	23.60	4.79	0.00	0.00	46	10	0	0	415	0	0	332.03
103+50	10350.00	50.00	19.88	3.44	0.00	0.00	40	8	0	0	455	0	0	364.68
104+00	10400.00	50.00	19.82	2.03	0.00	0.00	37	5	0	0	492	0	0	396.37
104+50	10450.00	50.00	18.15	1.30	0.37	0.00	35	3	0	0	527	0	0	428.03
105+00	10500.00	50.00	29.92	12.50	0.00	0.00	45	13	0	0	572	1	0	459.35
105+50	10550.00	50.00	20.17	1.30	0.00	0.00	46	13	0	0	618	1	0	492.95
106+00	10600.00	50.00	18.47	1.56	0.00	0.00	36	3	0	0	654	1	0	526.07
106+50	10650.00	50.00	0.00	0.00	0.00	0.00	17	1	0	0	671	1	0	541.73
107+00	10700.00	50.00	0.00	0.00	0.00	0.00	0	0	0	0	671	1	0	541.73
107+50	10750.00	50.00	0.00	0.00	0.00	0.00	0	0	0	0	671	1	0	541.73
108+00	10800.00	50.00	0.00	0.00	0.00	0.00	0	0	0	0	671	1	0	541.73
108+50	10850.00	50.00	0.00	0.00	0.00	0.00	0	0	0	0	671	1	0	541.73
109+00	10900.00	50.00	0.00	0.00	0.00	0.00	0	0	0	0	671	1	0	541.73
109+50	10950.00	50.00	0.00	0.00	0.00	0.00	0	0	0	0	671	1	0	541.73
110+00	11000.00	50.00	16.13	1.56	0.00	7.28	15	1	0	7	686	1	7	555.22
110+50	11050.00	50.00	17.63	1.56	0.26	12.15	31	3	0	18	717	1	25	583.30
111+00	11100.00	50.00	28.76	1.56	0.00	14.58	43	3	0	25	760	1	49	623.07
111+50	11150.00	50.00	29.01	1.56	0.00	14.58	53	3	0	27	814	1	76	673.66
112+00	11200.00	50.00	28.52	1.56	0.00	14.66	53	3	0	27	867	1	104	724.04
112+50	11250.00	50.00	28.81	1.56	0.00	14.74	53	3	0	27	920	1	131	774.24
113+00	11300.00	50.00	33.07	12.50	0.00	0.00	57	13	0	14	977	1	144	818.51
113+50	11350.00	50.00	29.81	12.50	0.00	0.00	58	23	0	0	1,035	1	144	853.58
113+55	11355.00	5.00	25.65	12.50	0.00	0.00	5	2	0	0	1,041	1	144	856.40
							1,041	183	1	144				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	Mass Ordinate
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
113+55	11355.00	0.00	0.00	1.56	0.00	0.00	0	0	0	0	0	0	0	0.00
114+00	11400.00	45.00	10.10	1.56	1.17	13.98	8	3	1	12	8	1	12	4.64
114+50	11450.00	50.00	7.87	1.56	2.65	13.20	17	3	4	25	25	5	37	14.15
115+00	11500.00	50.00	7.07	1.56	3.50	13.16	14	3	6	24	39	12	61	18.25
115+50	11550.00	50.00	6.21	1.56	4.57	12.34	12	3	7	24	51	21	85	18.68
116+00	11600.00	50.00	6.16	1.56	3.76	10.55	11	3	8	21	63	30	106	17.98
116+50	11650.00	50.00	6.35	1.56	2.56	5.93	12	3	6	15	74	37	121	19.66
117+00	11700.00	50.00	5.92	1.56	2.37	0.00	11	3	5	5	86	43	127	22.65
117+50	11750.00	50.00	6.89	1.56	1.09	0.00	12	3	3	0	97	47	127	27.77
118+00	11800.00	50.00	6.19	1.56	0.39	0.00	12	3	1	0	110	48	127	35.34
118+50	11850.00	50.00	7.74	1.56	0.14	0.00	13	3	0	0	122	49	127	44.76
119+00	11900.00	50.00	7.79	1.56	0.22	0.00	14	3	0	0	137	49	127	55.84
119+50	11950.00	50.00	9.65	1.56	0.01	0.00	16	3	0	0	153	50	127	68.84
119+50.56	11950.56	0.56	9.72	1.56	0.01	0.00	0	0	0	0	153	50	127	69.01
119+55	11955.00	4.44	10.01	1.56	0.01	0.00	2	0	0	0	155	50	127	70.37
119+60	11960.00	5.00	10.00	1.56	0.01	0.00	2	0	0	0	157	50	127	71.93
119+65	11965.00	5.00	10.06	1.56	0.01	0.00	2	0	0	0	158	50	127	73.49
119+70	11970.00	5.00	10.22	1.56	0.02	0.00	2	0	0	0	160	50	127	75.08
119+75	11975.00	5.00	10.51	1.56	0.04	0.00	2	0	0	0	162	50	127	76.70
119+80	11980.00	5.00	10.91	1.56	0.04	0.00	2	0	0	0	164	50	127	78.39
119+85	11985.00	5.00	11.33	1.56	0.00	0.00	2	0	0	0	166	50	127	80.15
119+90	11990.00	5.00	25.95	1.56	0.00	0.00	3	0	0	0	170	50	127	83.32
119+95	11995.00	5.00	35.34	1.56	0.00	0.00	6	0	0	0	175	50	127	88.70
120+00	12000.00	5.00	35.20	12.50	0.00	0.00	7	1	0	0	182	50	127	93.93
120+05	12005.00	5.00	34.33	12.50	0.00	0.00	6	2	0	0	188	50	127	98.05
120+10	12010.00	5.00	34.09	12.50	0.00	0.00	6	2	0	0	195	50	127	102.07
120+15	12015.00	5.00	32.54	12.50	0.00	0.00	6	2	0	0	201	50	127	105.93
120+20	12020.00	5.00	31.51	12.50	0.00	0.00	6	2	0	0	207	50	127	109.54
120+25	12025.00	5.00	31.08	12.50	0.00	0.00	6	2	0	0	213	50	127	113.02
120+30	12030.00	5.00	30.80	12.50	0.00	0.00	6	2	0	0	218	50	127	116.44
120+35	12035.00	5.00	30.93	12.50	0.00	0.00	6	2	0	0	224	50	127	119.84
120+40	12040.00	5.00	30.74	12.50	0.00	0.00	6	2	0	0	230	50	127	123.24
120+45	12045.00	5.00	30.32	12.50	0.00	0.00	6	2	0	0	235	50	127	126.57
120+50	12050.00	5.00	29.96	12.50	0.00	0.00	6	2	0	0	241	50	127	129.84
120+55	12055.00	5.00	30.74	12.50	0.00	0.00	6	2	0	0	247	50	127	133.15
120+60	12060.00	5.00	31.18	12.50	0.00	0.00	6	2	0	0	252	50	127	136.56
120+65	12065.00	5.00	23.80	12.50	0.00	0.00	5	2	0	0	257	50	127	139.34
120+70	12070.00	5.00	14.58	2.60	0.40	15.08	4	1	0	1	261	50	128	141.45
120+75	12075.00	5.00	14.10	2.60	0.49	15.04	3	0	0	3	264	50	131	143.53
120+79.27	12079.27	4.27	13.32	2.60	0.49	15.03	2	0	0	2	266	50	133	145.19
121+00	12100.00	20.73	11.92	2.60	0.46	14.95	10	2	0	12	276	50	145	152.44
121+50	12150.00	50.00	25.78	1.56	11.94	14.55	35	4	11	27	310	64	172	169.71
122+00	12200.00	50.00	26.84	1.56	14.53	14.88	49	3	25	27	359	94	199	186.13
122+50	12250.00	50.00	26.65	1.56	6.72	14.67	50	3	20	27	409	117	227	209.15
122+67.52	12267.52	17.52	26.82	1.56	9.62	0.00	17	1	5	5	426	124	232	219.12
							426	83	103	232				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	Mass Ordinate
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
122+67.53	12267.53	0.00	60.68	19.27	4.09	51.09	0	0	0	0	0	0	0	0.00
123+00	12300.00	32.47	59.73	19.27	6.95	51.09	72	23	7	61	72	8	61	41.26
123+50	12350.00	50.00	58.91	19.27	12.50	51.09	110	36	18	95	182	30	156	93.82
124+00	12400.00	50.00	59.89	19.27	21.17	51.09	110	36	31	95	292	67	251	130.73
124+50	12450.00	50.00	58.30	19.27	22.99	48.43	109	36	41	92	402	116	343	155.41
124+58.22	12458.22	8.22	58.72	19.27	17.33	48.43	18	6	6	15	420	123	358	159.99
125+00	12500.00	41.78	64.74	17.92	1.02	48.43	96	29	14	75	515	140	433	209.69
125+50	12550.00	50.00	83.33	16.77	0.00	48.43	137	32	1	90	652	142	522	313.54
126+00	12600.00	50.00	100.43	15.63	0.00	48.43	170	30	0	90	822	142	612	453.70
126+50	12650.00	50.00	123.56	15.63	0.00	48.43	207	29	0	90	1,030	142	702	632.17
127+00	12700.00	50.00	129.12	15.63	0.00	53.63	234	29	0	95	1,264	142	796	837.20
127+20.54	12720.54	20.54	136.23	16.25	1.30	37.99	101	12	0	35	1,365	142	831	925.41
127+25	12725.00	4.46	139.40	16.25	7.54	37.78	23	3	1	6	1,387	143	837	944.62
127+30	12730.00	5.00	143.12	16.25	8.01	37.78	26	3	1	7	1,414	145	844	966.04
127+35	12735.00	5.00	147.39	16.25	10.20	37.78	27	3	2	7	1,440	147	851	987.91
127+40	12740.00	5.00	152.83	16.25	11.06	37.78	28	3	2	7	1,468	149	858	1,010.34
127+45	12745.00	5.00	158.73	16.25	11.22	37.78	29	3	2	7	1,497	152	865	1,033.70
127+50	12750.00	5.00	211.24	16.25	8.43	0.00	34	3	2	3	1,531	154	869	1,062.77
127+55	12755.00	5.00	221.18	27.86	4.54	0.00	40	4	1	0	1,571	155	869	1,097.28
127+60	12760.00	5.00	230.81	28.85	0.00	0.00	42	5	0	0	1,613	156	869	1,133.37
127+65	12765.00	5.00	230.39	30.73	0.00	0.00	43	6	0	0	1,656	156	869	1,170.56
127+70	12770.00	5.00	226.10	32.97	0.00	0.00	42	6	0	0	1,698	156	869	1,206.93
127+75	12775.00	5.00	214.73	34.38	0.00	0.00	41	6	0	0	1,739	156	869	1,241.51
127+80	12780.00	5.00	200.36	31.56	0.00	0.00	38	6	0	0	1,777	156	869	1,273.84
127+85	12785.00	5.00	184.74	28.91	0.00	0.00	36	6	0	0	1,813	156	869	1,303.90
127+90	12790.00	5.00	168.02	26.09	0.00	0.00	33	5	0	0	1,846	156	869	1,331.47
127+95	12795.00	5.00	170.58	26.09	0.00	0.00	31	5	0	0	1,877	156	869	1,357.99
128+00	12800.00	5.00	189.34	28.65	0.00	0.00	33	5	0	0	1,910	156	869	1,386.25
128+05	12805.00	5.00	207.22	31.46	0.00	0.00	37	6	0	0	1,947	156	869	1,417.40
128+10	12810.00	5.00	224.08	33.91	0.00	0.00	40	6	0	0	1,987	156	869	1,451.29
128+15	12815.00	5.00	240.69	36.67	0.00	0.00	43	7	0	0	2,030	156	869	1,487.79
128+20	12820.00	5.00	254.06	35.42	0.00	0.00	46	7	0	0	2,076	156	869	1,526.92
128+25	12825.00	5.00	255.33	22.24	1.25	0.00	47	5	0	0	2,123	156	869	1,568.61
128+30	12830.00	5.00	252.90	20.78	9.41	0.00	47	4	1	0	2,170	157	869	1,610.50
128+35	12835.00	5.00	252.74	19.79	11.51	0.00	47	4	2	0	2,217	159	869	1,651.24
128+40	12840.00	5.00	253.87	19.27	4.85	0.00	47	4	2	0	2,264	161	869	1,692.71
128+45	12845.00	5.00	256.87	19.27	1.27	0.00	47	4	1	0	2,311	162	869	1,735.75
128+50	12850.00	5.00	237.82	19.27	0.09	0.00	46	4	0	0	2,357	162	869	1,777.84
128+55	12855.00	5.00	258.40	19.27	0.00	0.00	46	4	0	0	2,403	162	869	1,820.21
128+57.79	12857.79	2.79	260.37	19.27	0.00	0.00	27	2	0	0	2,430	162	869	1,845.02
129+00	12900.00	42.21	275.71	19.27	0.00	0.00	419	30	0	0	2,849	162	869	2,233.93
129+50	12950.00	50.00	272.88	19.27	0.00	0.00	508	36	0	0	3,357	162	869	2,706.20
130+00	13000.00	50.00	278.46	19.27	0.00	0.00	510	36	0	0	3,867	162	869	3,181.00
130+50	13050.00	50.00	320.64	19.27	0.00	0.00	555	36	0	0	4,422	162	869	3,700.03
131+00	13100.00	50.00	287.76	19.27	0.00	0.00	563	36	0	0	4,985	162	869	4,227.68

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut	Cumulative Vol (CY) Expanded Fill	Cumulative Vol (CY) Expanded EBS Backfill	Mass Ordinate
											1.00	1.20	1.00	
							Note 1	Note 2	Note 3		Note 1		Note 5	Note 8
131+50	13150.00	50.00	256.55	15.63	1.20	0.00	504	32	1	0	5,489	163	869	4,698.02
132+00	13200.00	50.00	261.49	15.63	2.04	0.00	480	29	3	0	5,969	167	869	5,145.15
132+50	13250.00	50.00	252.04	15.63	0.00	0.00	475	29	2	0	6,444	169	869	5,589.45
133+00	13300.00	50.00	173.21	15.63	0.00	0.00	394	29	0	0	6,838	169	869	5,954.27
133+50	13350.00	50.00	180.60	15.63	0.00	0.00	328	29	0	0	7,166	169	869	6,252.93
134+00	13400.00	50.00	137.46	15.63	0.00	0.00	294	29	0	0	7,460	169	869	6,518.49
134+50	13450.00	50.00	108.42	15.63	0.00	0.00	228	29	0	0	7,688	169	869	6,717.22
135+00	13500.00	50.00	77.82	15.63	0.00	0.00	172	29	0	0	7,860	169	869	6,860.73
135+50	13550.00	50.00	51.97	15.63	0.95	0.00	120	29	1	0	7,981	170	869	6,950.91
136+00	13600.00	50.00	36.80	15.63	4.35	0.00	82	29	5	0	8,063	176	869	6,998.29
136+50	13650.00	50.00	25.27	15.63	12.55	0.00	57	29	16	0	8,120	195	869	7,008.06
137+00	13700.00	50.00	19.15	15.63	15.94	0.00	41	29	26	0	8,161	227	869	6,988.61
137+50	13750.00	50.00	16.90	15.63	32.77	0.00	33	29	45	0	8,195	281	869	6,938.94
138+00	13800.00	50.00	12.80	15.63	54.32	0.00	27	29	81	0	8,222	378	869	6,840.74
138+26.02	13826.02	26.02	8.22	16.67	65.88	0.00	10	16	58	0	8,232	447	869	6,765.81
138+30	13830.00	3.98	6.62	17.19	66.86	0.00	1	2	10	0	8,233	459	869	6,752.66
138+35	13835.00	5.00	5.54	17.81	69.47	0.00	1	3	13	0	8,235	474	869	6,735.40
138+40	13840.00	5.00	5.58	18.75	79.45	0.00	1	3	14	0	8,236	490	869	6,716.49
138+45	13845.00	5.00	5.35	30.47	64.84	0.00	1	5	13	0	8,237	507	869	6,696.92
138+50	13850.00	5.00	6.02	31.93	30.30	0.00	1	6	9	0	8,238	517	869	6,681.62
138+55	13855.00	5.00	7.95	33.85	6.12	0.00	1	6	3	0	8,239	521	869	6,672.78
138+60	13860.00	5.00	8.02	34.58	2.88	0.00	1	6	1	0	8,240	522	869	6,666.92
138+65	13865.00	5.00	6.31	32.14	2.24	0.00	1	6	0	0	8,242	523	869	6,661.50
138+70	13870.00	5.00	4.87	29.58	1.68	0.00	1	6	0	0	8,243	523	869	6,656.38
138+75	13875.00	5.00	3.60	27.03	1.26	0.00	1	5	0	0	8,244	523	869	6,651.60
138+80	13880.00	5.00	2.81	25.31	1.04	0.00	1	5	0	0	8,244	524	869	6,647.09
138+85	13885.00	5.00	3.32	28.18	1.08	0.00	1	5	0	0	8,245	524	869	6,642.47
138+90	13890.00	5.00	4.31	30.99	1.38	0.00	1	5	0	0	8,245	524	869	6,637.42
138+95	13895.00	5.00	6.32	33.54	1.93	0.00	1	6	0	0	8,246	525	869	6,632.07
139+00	13900.00	5.00	8.92	36.51	1.90	0.00	1	6	0	0	8,248	525	869	6,626.57
139+05	13905.00	5.00	10.54	37.14	10.88	0.00	2	7	1	0	8,250	526	869	6,620.13
139+10	13910.00	5.00	11.38	26.20	17.07	0.00	2	6	3	0	8,252	530	869	6,613.19
139+15	13915.00	5.00	6.30	22.86	27.24	0.00	2	5	4	0	8,253	534	869	6,605.36
139+20	13920.00	5.00	2.32	21.77	47.89	0.00	1	4	7	0	8,254	543	869	6,593.68
139+25	13925.00	5.00	2.90	21.15	66.73	0.00	0	4	11	0	8,255	556	869	6,577.45
139+30	13930.00	5.00	3.53	20.31	70.11	0.00	1	4	13	0	8,255	571	869	6,559.00
139+33.4	13933.40	3.40	2.26	20.10	71.65	0.00	0	3	9	0	8,256	581	869	6,546.10
139+35	13935.00	1.60	2.15	20.05	72.55	0.00	0	1	4	0	8,256	587	869	6,539.93
139+40	13940.00	5.00	2.26	19.69	73.39	0.00	0	4	14	0	8,256	603	869	6,520.44
139+44.62	13944.62	4.62	2.86	19.32	71.26	0.00	0	3	12	0	8,257	618	869	6,502.69
139+50	13950.00	5.38	2.77	19.06	62.64	0.00	1	4	13	0	8,257	634	869	6,483.42
140+00	14000.00	50.00	8.15	17.55	34.75	0.00	10	34	90	0	8,267	742	869	6,351.41
140+50	14050.00	50.00	14.11	16.51	42.95	0.00	21	32	72	0	8,288	828	869	6,254.16
141+00	14100.00	50.00	37.98	15.63	8.58	64.52	48	30	48	60	8,336	885	928	6,215.38
141+50	14150.00	50.00	31.18	15.63	29.75	62.62	64	29	35	118	8,400	928	1,046	6,207.88
142+00	14200.00	50.00	38.07	15.63	34.44	57.33	64	29	59	111	8,464	999	1,157	6,171.74
142+50	14250.00	50.00	51.28	15.63	37.34	55.57	83	29	66	105	8,547	1,079	1,262	6,145.78
143+00	14300.00	50.00	53.15	15.63	19.60	50.39	97	29	53	98	8,644	1,142	1,360	6,150.27
143+50	14350.00	50.00	80.58	15.63	6.04	48.43	124	29	24	91	8,767	1,171	1,451	6,216.68
143+50.85	14350.85	0.85	80.70	15.63	6.19	48.43	3	0	0	2	8,770	1,171	1,453	6,218.49
144+00	14400.00	49.15	86.27	15.63	13.69	48.43	152	28	18	88	8,922	1,193	1,541	6,320.30
144+20	14420.00	20.00	69.82	15.63	12.92	0.00	58	12	10	18	8,980	1,205	1,559	6,354.71
							8,980	1,420	1,004	1,559				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
144+20	14420.00	0.00	39.47	1.56	12.73	0.00	0	0	0	0	0	0	0	0.00
144+30.85	14430.85	10.85	31.50	1.56	10.73	0.00	14	1	5	0	14	6	0	7.98
144+50	14450.00	19.15	26.80	1.56	5.77	0.00	21	1	6	0	35	13	0	20.53
145+00	14500.00	50.00	24.53	1.56	7.97	0.00	48	3	13	0	82	28	0	49.90
145+08.19	14508.19	8.19	24.02	1.56	9.16	0.00	7	0	3	0	90	31	0	53.67
145+10.85	14510.85	2.66	23.84	1.56	9.70	0.00	2	0	1	0	92	32	0	54.76
145+46.85	14546.85	36.00	24.14	1.56	15.86	0.00	32	2	17	0	124	53	0	64.21
145+50	14550.00	3.15	23.86	1.56	16.85	0.00	3	0	2	0	127	55	0	64.54
145+93.42	14593.42	43.42	71.04	1.56	24.92	17.40	76	3	34	14	203	95	14	98.04
145+95	14595.00	1.58	72.73	1.56	25.30	17.56	4	0	1	1	207	97	15	100.39
146+00	14600.00	5.00	77.62	1.56	23.59	18.43	14	0	5	3	221	102	18	108.59
146+05	14605.00	5.00	74.49	3.75	25.42	18.74	14	0	5	3	235	108	22	116.73
146+10	14610.00	5.00	63.78	4.11	41.52	0.00	13	1	6	2	248	115	24	121.37
146+15	14615.00	5.00	48.65	4.17	43.15	0.00	10	1	8	0	259	125	24	121.60
146+20	14620.00	5.00	33.89	4.17	45.25	0.00	8	1	8	0	266	135	24	118.65
146+25	14625.00	5.00	42.49	5.31	49.82	0.00	7	1	9	0	273	145	24	114.28
146+30	14630.00	5.00	44.79	6.04	46.70	0.00	8	1	9	0	282	156	24	110.59
146+35	14635.00	5.00	47.82	18.02	13.13	0.00	9	2	6	0	290	162	24	110.29
146+40	14640.00	5.00	53.74	19.64	0.51	0.00	9	3	1	0	299	164	24	114.69
146+45	14645.00	5.00	56.55	22.14	0.00	0.00	10	4	0	0	310	164	24	120.98
146+50	14650.00	5.00	51.38	21.72	0.00	0.00	10	4	0	0	320	164	24	126.91
146+55	14655.00	5.00	46.76	19.43	0.00	0.00	9	4	0	0	329	164	24	132.19
146+60	14660.00	5.00	41.95	17.19	0.00	0.00	8	3	0	0	337	164	24	137.01
146+65	14665.00	5.00	36.94	14.84	0.00	0.00	7	3	0	0	344	164	24	141.35
146+70	14670.00	5.00	31.66	12.50	0.00	0.00	6	3	0	0	351	164	24	145.17
146+75	14675.00	5.00	38.17	15.26	0.00	0.00	6	3	0	0	357	164	24	149.06
146+80	14680.00	5.00	45.11	18.07	0.00	0.00	8	3	0	0	365	164	24	153.69
146+85	14685.00	5.00	51.65	20.99	0.00	0.00	9	4	0	0	374	164	24	159.03
146+90	14690.00	5.00	57.88	23.85	0.00	0.00	10	4	0	0	384	164	24	165.02
146+95	14695.00	5.00	59.79	21.93	0.00	0.00	11	4	0	0	395	164	24	171.67
147+00	14700.00	5.00	53.39	20.47	1.55	0.00	10	4	0	0	405	164	24	178.06
147+05	14705.00	5.00	48.00	8.18	20.15	0.00	9	3	2	0	415	167	24	182.38
147+10	14710.00	5.00	34.99	7.50	29.08	0.00	8	1	5	0	422	172	24	183.14
147+15	14715.00	5.00	32.38	6.82	25.22	15.23	6	1	5	1	429	178	25	182.02
147+20	14720.00	5.00	31.50	6.46	23.58	15.23	6	1	5	3	435	184	28	181.29
147+25	14725.00	5.00	31.35	6.04	23.18	15.23	6	1	4	3	440	189	31	180.75
147+30	14730.00	5.00	30.46	5.73	23.72	15.23	6	1	4	3	446	194	33	180.18
147+35	14735.00	5.00	30.75	5.73	24.95	15.23	6	1	5	3	452	199	36	179.37
147+40	14740.00	5.00	32.38	5.73	15.69	34.60	6	1	4	5	458	204	41	179.64
147+50	14750.00	10.00	30.03	5.73	18.66	35.06	12	2	6	13	469	211	54	181.45
148+00	14800.00	50.00	27.51	5.73	16.39	35.37	53	11	32	65	522	250	119	185.17
148+50	14850.00	50.00	27.27	5.73	17.98	35.45	51	11	32	66	573	289	185	187.09
149+00	14900.00	50.00	37.02	5.73	0.00	35.75	60	11	17	66	633	309	250	216.03
149+50	14950.00	50.00	21.41	3.13	20.45	30.97	54	8	19	62	687	331	312	239.22
150+00	15000.00	50.00	23.28	3.13	28.01	25.87	41	6	45	53	728	385	365	220.98

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
150+50	15050.00	50.00	21.46	3.13	30.50	19.24	41	6	54	42	770	450	407	191.61
151+00	15100.00	50.00	21.96	3.13	8.85	12.74	40	6	36	30	810	494	436	182.30
151+50	15150.00	50.00	9.63	1.56	0.00	0.00	29	4	8	12	839	504	448	197.37
152+00	15200.00	50.00	8.74	1.56	0.00	0.00	17	3	0	0	856	504	448	211.48
152+50	15250.00	50.00	8.80	1.56	0.00	0.00	16	3	0	0	872	504	448	224.83
153+00	15300.00	50.00	9.19	1.56	0.00	0.00	17	3	0	0	889	504	448	238.60
153+50	15350.00	50.00	9.97	1.56	0.00	0.00	18	3	0	0	907	504	448	253.45
154+00	15400.00	50.00	10.09	1.56	0.00	0.00	19	3	0	0	925	504	448	269.13
154+50	15450.00	50.00	10.00	1.56	0.00	0.00	19	3	0	0	944	504	448	284.84
155+00	15500.00	50.00	10.58	1.56	0.00	0.00	19	3	0	0	963	504	448	301.00
155+50	15550.00	50.00	30.36	12.50	0.00	0.00	38	13	0	0	1,001	504	448	325.88
156+00	15600.00	50.00	22.17	1.56	0.23	0.00	49	13	0	0	1,049	504	448	361.25
156+50	15650.00	50.00	9.98	1.56	0.87	14.59	30	3	1	14	1,079	505	462	386.91
156+95.65	15695.65	45.65	9.55	1.56	0.73	14.57	17	3	1	25	1,096	507	486	399.16
157+00	15700.00	4.35	9.67	1.56	0.69	14.59	2	0	0	2	1,097	507	489	400.32
157+31.65	15731.65	31.65	11.22	1.56	0.28	14.96	12	2	1	17	1,110	508	506	410.05
157+34.32	15734.32	2.67	11.28	1.56	0.26	14.98	1	0	0	1	1,111	508	507	410.98
157+50	15750.00	15.68	11.76	1.56	0.15	15.09	7	1	0	9	1,117	508	516	416.62
158+00	15800.00	50.00	12.15	1.56	0.05	15.19	22	3	0	28	1,139	508	544	435.65
158+11.65	15811.65	11.65	10.37	1.56	0.02	14.58	5	1	0	6	1,144	508	551	439.81
158+50	15850.00	38.35	9.51	1.56	0.00	10.84	14	2	0	18	1,158	508	569	451.69
158+91.65	15891.65	41.65	8.26	1.56	0.00	6.77	14	2	0	14	1,172	508	582	462.99
159+00	15900.00	8.35	7.61	1.56	0.00	5.95	2	0	0	2	1,175	508	584	464.96
159+50	15950.00	50.00	7.42	1.56	0.00	0.00	14	3	0	6	1,189	508	590	475.99
160+00	16000.00	50.00	7.80	1.56	0.00	0.00	14	3	0	0	1,203	508	590	487.19
160+50	16050.00	50.00	7.68	1.56	0.00	0.00	14	3	0	0	1,217	508	590	498.63
161+00	16100.00	50.00	8.33	1.56	0.00	0.00	15	3	0	0	1,232	508	590	510.56
161+50	16150.00	50.00	7.93	1.56	0.00	0.00	15	3	0	0	1,247	508	590	522.72
162+00	16200.00	50.00	8.94	1.56	0.00	0.00	16	3	0	0	1,262	508	590	535.44
162+50	16250.00	50.00	8.62	1.56	0.00	0.00	16	3	0	0	1,279	508	590	548.80
163+00	16300.00	50.00	8.63	1.56	0.01	0.00	16	3	0	0	1,295	508	590	561.87
163+50	16350.00	50.00	9.77	1.56	0.01	0.00	17	3	0	0	1,312	508	590	575.99
164+00	16400.00	50.00	35.09	12.50	0.00	0.00	42	13	0	0	1,353	508	590	604.50
164+50	16450.00	50.00	34.90	12.50	0.00	0.00	65	23	0	0	1,418	508	590	646.16
165+00	16500.00	50.00	7.94	1.56	1.59	0.00	40	13	1	0	1,458	510	590	671.04
165+50	16550.00	50.00	5.50	1.56	1.34	0.00	12	3	3	0	1,470	513	590	677.32
166+00	16600.00	50.00	5.96	1.56	0.99	0.00	11	3	2	0	1,481	516	590	682.45
166+50	16650.00	50.00	6.04	1.56	0.88	0.00	11	3	2	0	1,492	518	590	688.59
167+00	16700.00	50.00	9.07	1.56	0.43	0.00	14	3	1	0	1,506	519	590	698.22
167+50	16750.00	50.00	9.15	1.56	0.00	0.00	17	3	0	0	1,523	520	590	711.72
167+87.5	16787.50	37.50	8.55	1.56	0.00	0.00	12	2	0	0	1,535	520	590	721.85
							1,535	293	433	590				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
168+84.15	16884.15	0.00	0.00	1.56	0.00	0.00	0	0	0	0	0	0	0	0.00
169+00	16900.00	15.85	0.00	1.56	0.00	0.00	0	1	0	0	0	0	0	-0.92
169+50	16950.00	50.00	0.00	1.56	0.00	0.00	0	3	0	0	0	0	0	-3.81
170+00	17000.00	50.00	0.00	1.56	0.00	0.00	0	3	0	0	0	0	0	-6.70
170+50	17050.00	50.00	8.14	1.56	0.00	0.00	8	3	0	0	8	0	0	-2.06
171+00	17100.00	50.00	8.45	1.56	0.00	0.00	15	3	0	0	23	0	0	10.41
171+50	17150.00	50.00	9.12	1.56	0.00	0.00	16	3	0	0	39	0	0	23.78
172+00	17200.00	50.00	9.37	1.56	0.00	0.00	17	3	0	0	56	0	0	38.01
172+50	17250.00	50.00	8.80	1.56	0.03	0.00	17	3	0	0	73	0	0	51.91
172+73.95	17273.95	23.95	9.04	1.56	0.00	0.00	8	1	0	0	81	0	0	58.42
172+75	17275.00	1.05	9.08	1.56	0.00	0.00	0	0	0	0	81	0	0	58.71
172+80	17280.00	5.00	9.38	1.56	0.00	0.00	2	0	0	0	83	0	0	60.13
172+85	17285.00	5.00	23.84	4.69	10.44	0.00	3	1	1	0	86	1	0	61.47
172+90	17290.00	5.00	24.32	4.69	11.74	0.00	4	1	2	0	91	4	0	62.60
172+95	17295.00	5.00	24.60	4.69	13.09	0.00	5	1	2	0	95	6	0	63.50
173+00	17300.00	5.00	26.90	4.69	14.48	0.00	5	1	3	0	100	9	0	64.33
173+05	17305.00	5.00	26.98	4.69	15.92	0.00	5	1	3	0	105	13	0	65.08
173+10	17310.00	5.00	27.05	4.69	17.40	0.00	5	1	3	0	110	17	0	65.51
173+15	17315.00	5.00	27.09	5.47	18.93	0.00	5	1	3	0	115	21	0	65.54
173+20	17320.00	5.00	47.95	6.09	20.48	31.32	7	1	4	3	122	25	3	67.04
173+25	17325.00	5.00	47.84	6.72	21.97	31.32	9	1	4	6	131	30	9	70.01
173+30	17330.00	5.00	48.44	7.50	1.45	31.32	9	1	2	6	140	32	15	75.01
173+35	17335.00	5.00	47.56	8.13	2.18	31.32	9	1	0	6	149	33	20	82.05
173+40	17340.00	5.00	47.19	18.13	3.05	31.32	9	2	0	6	157	33	26	87.81
173+45	17345.00	5.00	46.47	19.22	0.00	31.32	9	3	0	6	166	34	32	92.68
173+50	17350.00	5.00	42.44	18.28	0.00	31.32	8	3	0	6	174	34	38	97.44
173+55	17355.00	5.00	40.38	16.30	0.00	31.32	8	3	0	6	182	34	44	101.91
173+60	17360.00	5.00	34.86	14.17	0.00	31.32	7	3	0	6	189	34	49	106.06
173+65	17365.00	5.00	31.64	13.23	0.00	31.32	6	3	0	6	195	34	55	109.68
173+70	17370.00	5.00	37.15	15.05	0.00	31.32	6	3	0	6	201	34	61	113.43
173+75	17375.00	5.00	40.23	17.08	0.00	31.32	7	3	0	6	209	34	67	117.62
173+80	17380.00	5.00	42.90	19.06	0.00	31.32	8	3	0	6	216	34	73	121.97
173+85	17385.00	5.00	49.15	21.04	0.00	31.32	9	4	0	6	225	34	78	126.78
173+90	17390.00	5.00	56.69	23.18	0.00	31.32	10	4	0	6	235	34	84	132.48
173+95	17395.00	5.00	66.12	25.05	0.00	31.32	11	4	0	6	246	34	90	139.39
174+00	17400.00	5.00	75.47	26.93	0.00	31.32	13	5	0	6	259	34	96	147.68
174+05	17405.00	5.00	68.65	14.22	0.05	15.23	13	4	0	4	272	34	100	157.21
174+10	17410.00	5.00	59.51	12.24	9.19	15.23	12	2	1	3	284	35	103	165.60
174+15	17415.00	5.00	50.18	10.99	28.08	15.23	10	2	3	3	294	39	106	169.47
174+20	17420.00	5.00	46.32	10.31	42.52	15.23	9	2	7	3	303	47	108	168.58
174+25	17425.00	5.00	44.87	9.48	53.09	15.23	8	2	9	3	312	57	111	164.57
174+30	17430.00	5.00	43.62	9.01	68.58	15.23	8	2	11	3	320	71	114	157.53
174+35	17435.00	5.00	42.87	8.65	70.77	15.22	8	2	13	3	328	86	117	148.42
174+40	17440.00	5.00	45.27	6.61	68.46	15.22	8	1	13	3	336	102	120	139.70
174+45	17445.00	5.00	56.67	6.30	66.07	15.22	9	1	12	3	346	117	123	133.00

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
174+50	17450.00	5.00	62.29	6.30	62.64	15.22	11	1	12	3	357	131	125	128.54
174+55	17455.00	5.00	64.27	6.04	59.47	15.22	12	1	11	3	368	145	128	125.55
174+60	17460.00	5.00	66.03	6.09	55.85	15.22	12	1	11	3	380	157	131	123.68
174+65	17465.00	5.00	66.96	5.94	52.50	15.22	12	1	10	3	393	169	134	122.84
174+70	17470.00	5.00	70.90	5.89	50.00	15.22	13	1	9	3	405	181	137	123.12
174+75	17475.00	5.00	77.93	5.78	48.13	15.22	14	1	9	3	419	192	139	124.92
174+75.91	17475.91	0.91	82.08	5.68	33.73	35.73	3	0	1	1	422	193	140	125.77
175+00	17500.00	24.09	99.45	5.26	34.17	35.66	81	5	30	32	503	230	172	165.53
175+50	17550.00	50.00	142.74	4.53	37.30	34.85	224	9	66	65	727	309	237	301.29
176+00	17600.00	50.00	118.80	3.13	44.84	34.82	242	7	76	65	969	400	302	445.10
176+50	17650.00	50.00	29.52	3.13	62.96	29.61	137	6	100	60	1,107	520	362	456.88
177+00	17700.00	50.00	22.77	3.13	82.81	25.65	48	6	135	51	1,155	682	413	337.54
177+50	17750.00	50.00	13.87	3.13	64.87	19.54	34	6	137	42	1,189	846	455	201.58
178+00	17800.00	50.00	14.41	3.13	63.15	17.27	26	6	119	34	1,215	988	489	79.73
178+50	17850.00	50.00	13.95	3.13	72.20	10.04	26	6	125	25	1,241	1,139	514	-50.19
178+55.62	17855.62	5.62	14.09	3.13	65.99	9.86	3	1	14	2	1,244	1,156	516	-65.18
							1,244	153	963	516				

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EARTHWORK (STH 50 DIVISION 1)	SHEET: 277	E

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

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
184+70.91	18470.91	0.00	5.44	1.56	0.00	0.00	0	0	0	0	0	0	0	0.00
185+00	18500.00	29.09	5.37	1.56	0.00	0.00	6	2	0	0	6	0	0	4.14
185+50	18550.00	50.00	5.17	1.56	0.00	0.00	10	3	0	0	16	0	0	11.00
186+00	18600.00	50.00	6.92	1.56	0.00	0.00	11	3	0	0	27	0	0	19.30
186+50	18650.00	50.00	6.26	1.56	0.00	0.00	12	3	0	0	39	0	0	28.61
187+00	18700.00	50.00	6.62	1.56	0.00	0.00	12	3	0	0	51	0	0	37.65
187+50	18750.00	50.00	11.15	1.56	0.00	0.00	16	3	0	0	67	0	0	51.21
188+00	18800.00	50.00	25.36	12.50	0.00	0.00	34	13	0	0	101	0	0	71.99
188+50	18850.00	50.00	17.84	12.50	0.00	0.00	40	23	0	0	141	0	0	88.85
189+00	18900.00	50.00	11.14	1.56	0.02	0.00	27	13	0	0	168	0	0	102.64
189+50	18950.00	50.00	7.93	1.56	0.18	0.00	18	3	0	0	186	0	0	117.18
190+00	19000.00	50.00	8.49	1.56	0.08	0.00	15	3	0	0	201	1	0	129.20
190+50	19050.00	50.00	9.09	1.56	0.00	0.00	16	3	0	0	217	1	0	142.48
191+00	19100.00	50.00	9.82	1.56	0.00	0.00	18	3	0	0	235	1	0	157.09
191+50	19150.00	50.00	10.55	1.56	0.00	0.00	19	3	0	0	254	1	0	173.07
192+00	19200.00	50.00	8.15	1.56	0.00	0.00	17	3	0	0	271	1	0	187.49
192+50	19250.00	50.00	7.65	1.56	0.00	0.00	15	3	0	0	285	1	0	199.22
193+00	19300.00	50.00	9.56	1.56	0.00	0.00	16	3	0	0	301	1	0	212.26
193+50	19350.00	50.00	9.36	1.56	0.00	0.00	18	3	0	0	319	1	0	226.89
194+00	19400.00	50.00	8.96	1.56	0.00	0.00	17	3	0	0	336	1	0	240.96
194+50	19450.00	50.00	16.12	12.50	0.00	0.00	23	13	0	0	359	1	0	251.17
195+00	19500.00	50.00	36.28	12.50	0.00	0.00	49	23	0	0	408	1	0	276.55
195+50	19550.00	50.00	11.47	1.56	0.69	0.00	44	13	1	0	452	1	0	306.98
196+00	19600.00	50.00	12.88	1.56	0.02	0.00	23	3	1	0	474	2	0	325.85
196+50	19650.00	50.00	10.53	1.56	0.21	0.00	22	3	0	0	496	2	0	344.37
197+00	19700.00	50.00	10.44	1.56	0.22	0.00	19	3	0	0	516	3	0	360.42
197+50	19750.00	50.00	11.07	1.56	0.11	0.00	20	3	0	0	535	3	0	377.08
197+86.6	19786.60	36.60	10.66	1.56	0.04	0.00	15	2	0	0	550	3	0	389.58
198+00	19800.00	13.40	10.06	1.56	0.01	0.00	5	1	0	0	555	3	0	393.93
198+50	19850.00	50.00	8.93	53.65	0.00	0.00	18	51	0	0	573	3	0	360.38
199+00	19900.00	50.00	8.86	1.56	0.00	0.00	16	51	0	0	589	3	0	325.73
199+50	19950.00	50.00	9.11	1.56	0.00	0.00	17	3	0	0	606	3	0	339.48
200+00	20000.00	50.00	8.87	1.56	0.00	0.00	17	3	0	0	623	3	0	353.24
200+50	20050.00	50.00	23.34	1.56	13.85	0.00	30	3	13	0	652	19	0	364.78
200+55.77	20055.77	5.77	23.80	1.56	15.99	0.00	5	0	3	0	658	23	0	365.65
200+60	20060.00	4.23	23.98	1.56	17.49	0.00	4	0	3	0	661	26	0	366.00
200+65	20065.00	5.00	23.72	1.56	19.19	0.00	4	0	3	0	666	30	0	366.06
200+70	20070.00	5.00	23.89	1.56	20.79	0.00	4	0	4	0	670	34	0	365.73
200+75	20075.00	5.00	24.18	1.56	22.32	0.00	4	0	4	0	675	39	0	365.11
200+80	20080.00	5.00	23.21	1.56	28.58	0.00	4	0	5	0	679	45	0	363.55
200+85	20085.00	5.00	23.58	4.48	30.87	0.00	4	1	6	0	683	51	0	360.72
200+90	20090.00	5.00	23.81	5.21	34.68	0.00	4	1	6	0	688	59	0	356.93
200+95	20095.00	5.00	38.00	5.83	38.82	0.00	6	1	7	0	693	67	0	353.46
201+00	20100.00	5.00	45.23	6.30	32.24	0.00	8	1	7	0	701	75	0	352.15
201+05	20105.00	5.00	52.91	18.28	5.35	0.00	9	2	3	0	710	79	0	354.78

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
											1.00	1.20	1.00	
							Note 1	Note 2	Note 3		Note 1		Note 5	Note 8
201+10	20110.00	5.00	55.44	19.43	0.00	0.00	10	3	0	0	720	79	0	360.73
201+15	20115.00	5.00	47.64	18.23	0.00	0.00	10	3	0	0	730	79	0	366.79
201+20	20120.00	5.00	38.80	14.11	0.00	0.00	8	3	0	0	738	79	0	371.80
201+25	20125.00	5.00	36.59	13.59	0.00	0.00	7	3	0	0	745	79	0	376.21
201+30	20130.00	5.00	40.37	15.52	0.00	0.00	7	3	0	0	752	79	0	380.64
201+35	20135.00	5.00	44.56	17.45	0.00	0.00	8	3	0	0	760	79	0	385.45
201+40	20140.00	5.00	48.59	19.53	0.00	0.00	9	3	0	0	768	79	0	390.65
201+45	20145.00	5.00	52.39	21.46	0.00	0.00	9	4	0	0	778	79	0	396.21
201+50	20150.00	5.00	56.05	23.23	0.00	0.00	10	4	0	0	788	79	0	402.11
201+55	20155.00	5.00	59.58	25.31	0.00	0.00	11	4	0	0	798	79	0	408.32
201+60	20160.00	5.00	64.47	27.08	0.00	0.00	11	5	0	0	810	79	0	414.96
201+65	20165.00	5.00	68.79	19.58	0.00	0.00	12	4	0	0	822	79	0	422.98
201+70	20170.00	5.00	63.74	17.60	0.00	0.00	12	3	0	0	835	79	0	431.80
201+75	20175.00	5.00	60.47	15.05	0.14	0.00	12	3	0	0	846	80	0	440.27
201+80	20180.00	5.00	56.70	13.44	7.06	0.00	11	3	1	0	857	80	0	447.68
201+85	20185.00	5.00	52.69	12.08	6.46	0.00	10	2	1	0	867	82	0	453.94
201+90	20190.00	5.00	48.53	11.09	6.73	0.00	9	2	1	0	876	83	0	459.70
201+95	20195.00	5.00	45.53	10.36	7.19	0.00	9	2	1	0	885	85	0	464.88
202+00	20200.00	5.00	43.42	10.10	7.60	0.00	8	2	1	0	893	86	0	469.57
202+05	20205.00	5.00	42.24	9.43	7.00	0.00	8	2	1	0	901	88	0	474.07
202+10	20210.00	5.00	39.51	8.75	6.52	0.00	8	2	1	0	909	90	0	478.46
202+15	20215.00	5.00	37.06	6.82	6.99	0.00	7	1	1	0	916	91	0	482.61
202+16.56	20216.56	1.56	26.07	6.46	12.53	0.00	2	0	1	0	918	92	0	483.37
202+50	20250.00	33.44	32.74	5.83	5.16	0.00	36	8	11	0	954	105	0	499.03
203+00	20300.00	50.00	28.01	4.74	20.17	0.00	56	10	23	0	1,010	133	0	517.34
203+50	20350.00	50.00	26.50	3.54	30.11	0.00	50	8	47	0	1,061	189	0	504.27
204+00	20400.00	50.00	26.03	3.13	29.91	0.00	49	6	56	0	1,110	256	0	480.04
204+50	20450.00	50.00	30.03	3.13	0.73	0.00	52	6	28	0	1,161	290	0	492.12
205+00	20500.00	50.00	25.47	3.13	22.14	0.00	51	6	21	0	1,213	315	0	512.31
205+50	20550.00	50.00	25.27	3.13	15.04	0.00	47	6	34	0	1,260	356	0	512.19
206+00	20600.00	50.00	9.13	1.56	0.00	0.00	32	4	14	0	1,292	373	0	522.99
206+50	20650.00	50.00	10.03	1.56	0.00	0.00	18	3	0	0	1,309	373	0	537.84
207+00	20700.00	50.00	30.25	12.50	0.00	0.00	37	13	0	0	1,347	373	0	562.12
207+50	20750.00	50.00	14.28	1.56	0.00	15.22	41	13	0	14	1,388	373	14	590.34
207+87.49	20787.49	37.49	10.54	1.56	0.97	14.87	17	2	1	21	1,405	374	35	604.60
208+00	20800.00	12.51	10.45	1.56	0.70	14.74	5	1	0	7	1,410	374	42	608.27
208+50	20850.00	50.00	10.36	1.56	0.41	15.05	19	3	1	28	1,429	376	69	623.41
209+00	20900.00	50.00	10.09	1.56	0.58	14.97	19	3	1	28	1,448	377	97	638.35
209+50	20950.00	50.00	8.07	1.56	0.34	14.07	17	3	1	27	1,465	378	124	651.24
210+00	21000.00	50.00	8.01	1.56	0.06	9.37	15	3	0	22	1,480	378	146	662.80
210+49.09	21049.09	49.09	0.00	1.56	0.00	0.00	7	3	0	9	1,487	378	154	667.18
							1,487	442	315	154				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
219+98.02	21998.02	0.00	29.21	3.13	2.65	0.00	0	0	0	0	0	0	0	0.00
220+00	22000.00	1.98	29.25	3.13	2.54	0.00	2	0	0	0	2	0	0	1.69
220+50	22050.00	50.00	28.57	3.13	0.75	0.00	54	6	3	0	56	4	0	45.78
221+00	22100.00	50.00	53.20	3.13	0.00	0.00	76	6	1	0	131	5	0	114.87
221+50	22150.00	50.00	32.92	3.13	1.53	0.00	80	6	1	0	211	6	0	187.13
222+00	22200.00	50.00	31.99	3.13	1.08	0.00	60	6	2	0	271	9	0	238.54
222+50	22250.00	50.00	29.76	3.13	0.97	0.00	57	6	2	0	328	12	0	287.66
223+00	22300.00	50.00	31.23	4.69	7.56	0.00	56	7	8	0	385	21	0	327.42
223+21.35	22321.35	21.35	54.90	7.55	17.67	0.00	34	5	10	0	419	33	0	344.67
223+25	22325.00	3.65	55.26	7.97	19.62	0.00	7	1	3	0	426	36	0	348.04
223+30	22330.00	5.00	55.28	17.92	22.70	0.00	10	2	4	0	437	41	0	351.17
223+35	22335.00	5.00	54.69	18.28	21.81	0.00	10	3	4	0	447	46	0	353.06
223+40	22340.00	5.00	55.69	19.74	4.14	0.00	10	4	2	0	457	49	0	356.88
223+45	22345.00	5.00	58.12	21.93	0.00	0.00	11	4	0	0	468	49	0	363.09
223+50	22350.00	5.00	53.70	20.63	0.00	0.00	10	4	0	0	478	49	0	369.51
223+55	22355.00	5.00	47.18	18.13	0.00	0.00	9	4	0	0	487	49	0	375.26
223+60	22360.00	5.00	40.62	15.47	0.00	0.00	8	3	0	0	495	49	0	380.28
223+65	22365.00	5.00	34.23	13.02	0.00	0.00	7	3	0	0	502	49	0	384.57
223+70	22370.00	5.00	38.99	14.69	0.00	0.00	7	3	0	0	509	49	0	388.79
223+75	22375.00	5.00	45.96	17.40	0.00	0.00	8	3	0	0	517	49	0	393.68
223+80	22380.00	5.00	51.76	20.10	0.00	0.00	9	3	0	0	526	49	0	399.26
223+85	22385.00	5.00	56.55	22.76	0.00	0.00	10	4	0	0	536	49	0	405.32
223+90	22390.00	5.00	57.83	22.81	0.64	0.00	11	4	0	0	547	49	0	411.62
223+95	22395.00	5.00	55.90	20.83	13.39	0.00	11	4	1	0	557	51	0	416.55
224+00	22400.00	5.00	54.64	19.38	28.24	0.00	10	4	4	0	567	55	0	418.44
224+05	22405.00	5.00	60.64	18.59	27.94	0.00	11	4	5	0	578	62	0	419.36
224+10	22410.00	5.00	71.00	8.85	26.88	0.00	12	3	5	0	590	68	0	422.91
224+15	22415.00	5.00	82.29	8.59	26.23	0.00	14	2	5	0	604	74	0	429.59
224+18.38	22418.38	3.38	88.84	8.59	12.23	0.00	11	1	2	0	615	76	0	436.33
224+50	22450.00	31.62	66.10	6.20	17.43	0.00	91	9	17	0	706	97	0	497.56
225+00	22500.00	50.00	43.04	5.31	22.22	0.00	101	11	37	0	807	141	0	543.90
225+50	22550.00	50.00	28.41	4.43	20.10	0.00	66	9	39	0	873	188	0	554.02
226+00	22600.00	50.00	32.03	3.13	6.90	0.00	56	7	25	0	929	218	0	572.99
226+50	22650.00	50.00	25.25	3.13	17.31	0.00	53	6	22	0	982	245	0	593.34
227+00	22700.00	50.00	25.32	3.13	4.67	0.00	47	6	20	0	1,029	270	0	609.95
227+36.19	22736.19	36.19	23.47	3.13	0.00	0.00	33	4	3	0	1,062	273	0	634.70
							1,062	153	228	0				

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/Unusable Pavement Material Note 2	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 1.20	Cumulative Vol (CY) Expanded EBS Backfill 1.00 Note 5	Mass Ordinate Note 8
230+35.92	23035.92	0.00	8.62	1.56	0.00	0.00	0	0	0	0	0	0	0	0.00
230+50	23050.00	14.08	8.66	1.56	0.00	0.00	5	1	0	0	5	0	0	3.69
231+00	23100.00	50.00	7.99	1.56	0.00	0.00	15	3	0	0	20	0	0	16.21
231+50	23150.00	50.00	8.73	1.56	0.00	0.00	15	3	0	0	35	0	0	28.80
232+00	23200.00	50.00	8.21	1.56	0.00	0.00	16	3	0	0	51	0	0	41.59
232+50	23250.00	50.00	8.52	1.56	0.00	0.00	15	3	0	0	67	0	0	54.18
233+00	23300.00	50.00	8.90	1.56	0.00	0.00	16	3	0	0	83	0	0	67.42
233+50	23350.00	50.00	27.18	12.50	0.00	0.00	33	13	0	0	116	0	0	87.81
234+00	23400.00	50.00	33.32	12.50	0.00	0.00	56	23	0	0	172	0	0	120.67
234+50	23450.00	50.00	14.92	3.13	0.00	0.00	45	14	0	0	217	0	0	150.87
235+00	23500.00	50.00	9.28	1.56	0.57	0.00	22	4	1	0	239	1	0	168.30
235+50	23550.00	50.00	11.29	1.56	0.00	0.00	19	3	1	0	258	1	0	183.81
236+00	23600.00	50.00	12.49	1.56	0.02	0.00	22	3	0	0	280	1	0	202.91
236+50	23650.00	50.00	10.16	1.56	0.00	0.00	21	3	0	0	301	1	0	220.96
237+00	23700.00	50.00	8.41	1.56	0.00	0.00	17	3	0	0	318	1	0	235.26
237+34.09	23734.09	34.09	7.84	1.56	0.00	0.00	10	2	0	0	329	1	0	243.55
							329	84	1	0				

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/Unusable Pavement Material Note 2	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 1.20	Cumulative Vol (CY) Expanded EBS Backfill 1.00 Note 5	Mass Ordinate Note 8
244+85	24485.00	0.00	8.35	1.56	0.00	0.00	0	0	0	0	0	0	0	0.00
245+00	24500.00	15.00	8.29	1.56	0.00	0.00	5	1	0	0	5	0	0	3.75
245+50	24550.00	50.00	8.41	1.56	0.00	0.00	15	3	0	0	20	0	0	16.32
246+00	24600.00	50.00	8.30	1.56	0.00	0.00	15	3	0	0	36	0	0	28.90
246+42.83	24642.83	42.83	7.83	1.56	0.00	0.00	13	2	0	0	48	0	0	39.21
246+50	24650.00	7.17	8.09	1.56	0.00	0.00	2	0	0	0	50	0	0	40.91
247+00	24700.00	50.00	9.39	1.56	0.00	0.00	16	3	0	0	67	0	0	54.21
247+22.83	24722.83	22.83	10.12	1.56	0.00	0.00	8	1	0	0	75	0	0	61.14
247+50	24750.00	27.17	10.93	1.56	0.00	0.00	11	2	0	0	85	0	0	70.15
247+86.83	24786.83	36.83	11.78	1.56	0.00	0.00	15	2	0	0	101	0	0	83.50
248+00	24800.00	13.17	31.52	12.50	0.00	0.00	11	3	0	0	112	0	0	90.63
248+02.83	24802.83	2.83	32.75	12.50	0.00	0.00	3	1	0	0	115	0	0	92.69
248+18.83	24818.83	16.00	29.34	12.50	0.00	0.00	18	7	0	0	133	0	0	103.68
248+50	24850.00	31.17	28.93	12.50	0.00	0.00	34	14	0	0	167	0	0	122.88
248+75	24875.00	25.00	30.62	12.50	0.00	0.00	28	12	0	0	194	0	0	138.88
							194	56	0	0				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
20+50	2050.00	0.00	31.19	4.84	0.00	0.00	0	0	0	0	0	0	0	0.00
20+55	2055.00	5.00	60.99	10.26	0.00	0.00	9	1	0	0	9	0	0	7.14
20+60	2060.00	5.00	89.39	15.36	0.00	0.00	14	2	0	0	22	0	0	18.69
20+65	2065.00	5.00	116.42	20.52	0.00	0.00	19	3	0	0	42	0	0	34.42
20+70	2070.00	5.00	137.58	20.94	0.00	0.00	24	4	0	0	65	0	0	54.10
20+75	2075.00	5.00	148.48	18.28	0.00	0.00	26	4	0	0	92	0	0	76.96
20+80	2080.00	5.00	142.92	16.93	4.50	0.00	27	3	0	0	119	1	0	100.18
20+85	2085.00	5.00	122.94	15.78	13.25	0.00	25	3	2	0	143	2	0	119.80
20+90	2090.00	5.00	106.87	15.10	12.00	0.00	21	3	2	0	164	5	0	135.41
20+95	2095.00	5.00	93.97	14.69	7.17	0.00	19	3	2	0	183	7	0	149.12
21+00	2100.00	5.00	83.49	14.32	4.79	0.00	16	3	1	0	199	9	0	161.53
21+05	2105.00	5.00	75.14	14.17	4.89	0.00	15	3	1	0	214	10	0	172.51
21+10	2110.00	5.00	80.61	13.85	2.89	0.00	14	3	1	0	229	11	0	183.47
21+15	2115.00	5.00	73.46	13.65	3.83	0.00	14	3	1	0	243	11	0	194.44
21+16.42	2116.42	1.42	80.63	13.54	0.00	0.00	4	1	0	0	247	12	0	197.66
21+25	2125.00	8.58	71.55	12.86	0.00	0.00	24	4	0	0	271	12	0	217.64
							271	42	10	0				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
20+50	2050.00	0.00	1.82	5.10	0.00	0.00	0	0	0	0	0	0	0	0.00
20+55	2055.00	5.00	5.00	10.26	0.00	0.00	1	1	0	0	1	0	0	-0.79
20+60	2060.00	5.00	9.61	15.42	0.00	0.00	1	2	0	0	2	0	0	-1.82
20+65	2065.00	5.00	15.88	20.73	0.00	0.00	2	3	0	0	4	0	0	-2.80
20+70	2070.00	5.00	28.04	21.61	1.75	0.00	4	4	0	0	8	0	0	-2.85
20+75	2075.00	5.00	43.37	18.18	7.65	0.00	7	4	1	0	15	1	0	-0.97
20+80	2080.00	5.00	55.86	15.73	25.85	0.00	9	3	3	0	24	5	0	1.36
20+85	2085.00	5.00	58.28	13.75	14.97	0.00	11	3	4	0	35	9	0	4.66
20+90	2090.00	5.00	55.54	12.81	5.83	0.00	11	2	2	0	45	12	0	10.43
20+95	2095.00	5.00	52.79	12.08	3.01	0.00	10	2	1	0	55	13	0	17.17
21+00	2100.00	5.00	50.20	11.09	0.63	0.00	10	2	0	0	65	13	0	24.16
21+05	2105.00	5.00	47.81	10.73	0.70	0.00	9	2	0	0	74	13	0	31.06
21+10	2110.00	5.00	46.64	10.21	0.99	0.00	9	2	0	0	83	14	0	37.68
21+10.71	2110.71	0.71	46.55	10.16	1.02	0.00	1	0	0	0	84	14	0	38.61
21+15	2115.00	4.29	51.58	9.84	0.00	0.00	8	2	0	0	92	14	0	44.72
							92	33	11	0				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
10+50	1050.00	0.00	12.09	5.00	0.00	0.00	0	0	0	0	0	0	0	0.00
10+55	1055.00	5.00	24.57	10.10	0.00	0.00	3	1	0	0	3	0	0	2.00
10+60	1060.00	5.00	36.45	15.26	0.00	0.00	6	2	0	0	9	0	0	5.30
10+65	1065.00	5.00	47.42	20.42	0.00	0.00	8	3	0	0	17	0	0	9.76
10+70	1070.00	5.00	62.01	20.16	0.00	0.00	10	4	0	0	27	0	0	16.14
10+75	1075.00	5.00	65.12	17.24	0.86	0.00	12	3	0	0	39	0	0	24.35
10+80	1080.00	5.00	66.32	15.26	17.80	0.00	12	3	2	0	51	2	0	31.44
10+85	1085.00	5.00	67.39	14.06	38.74	0.00	12	3	5	0	63	8	0	34.82
10+85.94	1085.94	0.94	67.70	13.44	40.96	0.00	2	0	1	0	66	10	0	35.03
10+90	1090.00	4.06	66.12	12.92	37.67	0.00	10	2	6	0	76	17	0	36.02
10+95	1095.00	5.00	79.26	12.71	27.87	0.00	13	2	6	0	89	24	0	39.82
11+00	1100.00	5.00	74.89	12.50	20.97	0.00	14	2	5	0	103	30	0	46.33
11+05	1105.00	5.00	58.79	12.50	16.46	0.00	12	2	3	0	116	34	0	52.24
11+10	1110.00	5.00	57.79	12.34	7.30	0.00	11	2	2	0	127	37	0	58.09
11+15	1115.00	5.00	54.64	11.72	5.65	0.00	10	2	1	0	137	38	0	64.83
11+15.2	1115.20	0.20	46.77	11.72	7.38	0.00	0	0	0	0	137	38	0	65.06
11+50	1150.00	34.80	44.07	11.46	1.68	0.00	59	15	6	0	196	45	0	101.66
11+55.19	1155.19	5.19	44.46	11.46	0.43	0.00	9	2	0	0	204	45	0	107.72
							204	51	38	0				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
											1.00	1.20	1.00	
							Note 1	Note 2	Note 3		Note 1		Note 5	Note 8
10+50	1050.00	0.00	3.35	1.15	0.00	0.00	0	0	0	0	0	0	0	0.00
10+55	1055.00	5.00	29.12	9.79	0.00	0.00	3	1	0	0	3	0	0	1.99
10+60	1060.00	5.00	37.65	17.60	4.41	0.00	6	3	0	0	9	0	0	5.15
10+65	1065.00	5.00	44.13	17.81	0.00	0.00	8	3	0	0	17	1	0	8.95
10+70	1070.00	5.00	73.29	32.86	0.00	0.00	11	5	0	0	28	1	0	15.13
10+75	1075.00	5.00	86.64	35.47	0.00	0.00	15	6	0	0	42	1	0	23.61
10+80	1080.00	5.00	92.11	38.23	0.00	0.00	17	7	0	0	59	1	0	33.34
10+85	1085.00	5.00	69.81	31.25	0.00	0.00	15	6	0	0	74	1	0	41.90
10+90	1090.00	5.00	52.46	20.83	0.00	0.00	11	5	0	0	85	1	0	48.40
10+95	1095.00	5.00	50.86	16.61	4.64	0.00	10	3	0	0	95	1	0	53.98
11+00	1100.00	5.00	48.49	14.48	10.77	0.00	9	3	1	0	104	3	0	58.59
11+05	1105.00	5.00	50.44	13.70	17.53	0.00	9	3	3	0	113	6	0	62.00
11+10	1110.00	5.00	51.91	12.86	17.96	0.00	9	2	3	0	123	10	0	65.07
11+15	1115.00	5.00	53.95	12.08	25.52	0.00	10	2	4	0	133	15	0	67.73
11+20	1120.00	5.00	57.78	11.51	19.40	0.00	10	2	4	0	143	20	0	70.90
11+25	1125.00	5.00	71.99	11.41	11.21	0.00	12	2	3	0	155	24	0	77.39
11+30	1130.00	5.00	94.81	11.30	6.78	0.00	15	2	2	0	170	26	0	88.74
11+35	1135.00	5.00	89.37	11.15	4.64	0.00	17	2	1	0	187	27	0	102.44
11+40	1140.00	5.00	76.75	10.99	2.96	0.00	15	2	1	0	203	28	0	114.93
11+45	1145.00	5.00	68.91	10.89	1.74	0.00	13	2	0	0	216	28	0	125.87
11+50	1150.00	5.00	62.80	10.73	0.84	0.00	12	2	0	0	228	28	0	135.77
11+55	1155.00	5.00	61.62	10.73	0.52	0.00	12	2	0	0	240	29	0	145.16
11+60	1160.00	5.00	58.93	10.68	0.25	0.00	11	2	0	0	251	29	0	154.25
11+61.01	1161.01	1.01	53.10	10.68	1.01	0.00	2	0	0	0	253	29	0	155.92
12+00	1200.00	38.99	37.61	10.16	1.25	0.00	65	15	2	0	319	31	0	204.41
							319	84	26	0				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
50+50	5050.00	0.00	8.97	3.96	0.00	0.00	0	0	0	0	0	0	0	0.00
50+55	5055.00	5.00	20.00	8.91	0.00	0.00	3	1	0	0	3	0	0	1.49
50+60	5060.00	5.00	30.74	11.93	0.00	0.00	5	2	0	0	7	0	0	4.26
50+65	5065.00	5.00	32.79	12.50	1.53	0.00	6	2	0	0	13	0	0	7.71
50+70	5070.00	5.00	33.70	13.70	17.12	0.00	6	2	2	0	19	2	0	9.37
50+75	5075.00	5.00	35.52	15.10	26.56	0.00	6	3	4	0	26	7	0	8.26
50+80	5080.00	5.00	37.61	16.82	17.40	0.00	7	3	4	0	33	12	0	7.19
50+85	5085.00	5.00	40.95	19.01	11.33	0.00	7	3	3	0	40	15	0	7.95
50+90	5090.00	5.00	46.27	19.43	8.17	0.00	8	4	2	0	48	17	0	10.30
50+95	5095.00	5.00	48.83	16.82	6.23	0.00	9	3	1	0	57	19	0	14.15
51+00	5100.00	5.00	47.16	15.00	8.17	0.00	9	3	1	0	66	21	0	18.49
51+05	5105.00	5.00	47.94	13.80	7.30	0.00	9	3	1	0	74	22	0	22.91
51+10	5110.00	5.00	48.40	12.86	4.09	0.00	9	2	1	0	83	24	0	28.10
51+15	5115.00	5.00	49.06	12.40	2.38	0.00	9	2	1	0	92	24	0	34.06
51+20	5120.00	5.00	49.06	11.61	1.40	0.00	9	2	0	0	101	25	0	40.50
51+25	5125.00	5.00	48.80	11.56	0.95	0.00	9	2	0	0	111	25	0	47.16
51+30	5130.00	5.00	48.69	11.56	1.59	0.00	9	2	0	0	120	25	0	53.76
51+35	5135.00	5.00	51.03	11.56	1.58	0.00	9	2	0	0	129	26	0	60.50
51+38.38	5138.38	3.38	50.79	11.56	1.86	0.00	6	1	0	0	135	26	0	65.17
51+50	5150.00	11.62	47.39	11.56	3.39	0.00	21	5	1	0	156	27	0	79.97
51+75	5175.00	25.00	24.24	11.56	0.00	0.00	33	11	2	0	189	29	0	100.54
							189	60	24	0				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
20+50	2050.00	0.00	13.13	5.16	0.00	0.00	0	0	0	0	0	0	0	0.00
20+55	2055.00	5.00	25.64	10.26	0.00	0.00	4	1	0	0	4	0	0	2.16
20+60	2060.00	5.00	36.66	15.42	0.00	0.00	6	2	0	0	9	0	0	5.55
20+65	2065.00	5.00	48.25	20.57	0.00	0.00	8	3	0	0	17	0	0	10.08
20+70	2070.00	5.00	48.23	18.54	5.84	0.00	9	4	1	0	26	1	0	14.75
20+75	2075.00	5.00	46.14	16.35	32.20	0.00	9	3	4	0	35	5	0	16.03
20+80	2080.00	5.00	47.70	15.10	24.36	0.00	9	3	5	0	44	11	0	15.52
20+85	2085.00	5.00	66.48	14.58	4.62	0.00	11	3	3	0	54	14	0	20.12
20+90	2090.00	5.00	62.09	14.43	2.29	0.00	12	3	1	0	66	15	0	28.57
20+95	2095.00	5.00	48.29	14.17	0.66	0.00	10	3	0	0	76	15	0	35.82
20+98.09	2098.09	3.09	43.31	14.06	0.52	0.00	5	2	0	0	82	16	0	39.36
21+00	2100.00	1.91	41.66	14.06	0.00	0.00	3	1	0	0	85	16	0	41.35
							85	28	13	0				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
95+40.26	9540.26	0.00	7.39	1.56	6.62	0.00	0	0	0	0	0	0	0	0.00
95+50	9550.00	9.74	7.75	1.56	10.55	0.00	3	1	3	0	3	4	0	-1.55
95+87.59	9587.59	37.59	10.49	1.56	47.98	0.00	13	2	41	0	15	53	0	-39.93
96+00	9600.00	12.41	10.78	1.56	42.73	0.00	5	1	21	0	20	78	0	-60.78
96+41.09	9641.09	41.09	12.47	1.56	43.83	0.00	18	2	66	0	38	157	0	-124.50
96+50	9650.00	8.91	13.36	1.56	40.89	0.00	4	1	14	0	42	173	0	-137.53
97+00	9700.00	50.00	11.39	1.56	18.11	0.00	23	3	55	0	65	239	0	-183.06
97+50	9750.00	50.00	9.31	1.56	4.12	0.00	19	3	21	0	84	264	0	-191.49
98+00	9800.00	50.00	9.75	1.56	8.38	0.00	18	3	12	0	102	278	0	-190.62
98+50	9850.00	50.00	9.82	1.56	5.05	0.00	18	3	12	0	120	293	0	-190.32
99+00	9900.00	50.00	13.09	-0.31	1.96	0.00	21	1	6	0	141	300	0	-178.06
99+50	9950.00	50.00	4.81	-0.31	10.06	0.00	17	-1	11	0	158	314	0	-174.26
100+00	10000.00	50.00	0.00	-7.50	0.00	0.00	4	-7	9	0	162	325	0	-173.75
100+50	10050.00	50.00	94.05	11.98	5.96	0.00	87	4	6	0	249	331	0	-97.44
101+00	10100.00	50.00	33.97	11.98	18.05	0.00	119	22	22	0	368	358	0	-27.77
101+50	10150.00	50.00	16.61	11.98	17.57	0.00	47	22	33	0	415	398	0	-42.70
102+00	10200.00	50.00	41.40	17.50	0.00	29.54	54	27	16	27	469	417	27	-35.80
102+50	10250.00	50.00	36.67	15.83	0.00	28.74	72	31	0	54	541	417	81	5.63
103+00	10300.00	50.00	37.20	13.07	0.00	27.93	68	27	0	52	609	417	134	47.25
103+50	10350.00	50.00	32.77	10.26	2.60	27.12	65	22	2	51	674	420	185	87.54
104+00	10400.00	50.00	46.41	7.34	3.99	26.31	73	16	6	49	747	427	234	137.23
104+50	10450.00	50.00	63.14	7.45	3.64	25.50	101	14	7	48	849	436	282	216.49
105+00	10500.00	50.00	147.34	17.29	0.00	24.70	195	23	3	46	1,044	440	329	384.43
105+50	10550.00	50.00	43.42	4.17	8.09	24.54	177	20	7	46	1,220	449	374	532.20
106+00	10600.00	50.00	43.98	4.69	13.93	23.95	81	8	20	45	1,301	473	419	580.46
106+50	10650.00	50.00	39.99	1.56	8.60	24.50	78	6	21	45	1,379	498	464	627.38
107+00	10700.00	50.00	23.23	1.56	31.82	23.83	59	3	37	45	1,437	543	509	638.11
107+50	10750.00	50.00	17.97	1.56	48.72	23.66	38	3	75	44	1,476	633	553	583.89
108+00	10800.00	50.00	19.04	1.56	53.88	23.97	34	3	95	44	1,510	747	597	501.26
108+50	10850.00	50.00	19.17	1.56	67.72	23.44	35	3	113	44	1,545	882	641	398.62
109+00	10900.00	50.00	18.34	1.56	37.01	23.94	35	3	97	44	1,580	998	685	314.09
109+50	10950.00	50.00	17.70	1.56	33.59	23.24	33	3	65	44	1,613	1,077	728	266.13
110+00	11000.00	50.00	27.46	4.69	18.59	23.46	42	6	48	43	1,655	1,135	772	244.18
110+50	11050.00	50.00	22.87	4.69	13.88	21.12	47	9	30	41	1,702	1,171	813	246.03
111+00	11100.00	50.00	30.16	4.69	4.15	19.19	49	9	17	37	1,751	1,191	850	266.42
111+50	11150.00	50.00	29.83	4.69	0.74	16.97	56	9	5	33	1,806	1,196	884	307.86
112+00	11200.00	50.00	29.81	4.69	0.02	14.74	55	9	1	29	1,862	1,197	913	353.56
112+50	11250.00	50.00	31.68	4.69	0.00	13.85	57	9	0	26	1,919	1,197	939	401.80
113+00	11300.00	50.00	38.41	14.06	0.00	0.00	65	17	0	13	1,983	1,197	952	449.33
113+50	11350.00	50.00	26.71	15.36	0.00	0.00	60	27	0	0	2,044	1,197	952	482.38
113+55	11355.00	5.00	24.95	15.36	0.00	0.00	5	3	0	0	2,049	1,197	952	484.32
							2,049	367	998	952				

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EARTHWORK (STH 50 DIVISION 2)	SHEET: 288	E

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

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		Note 1	1.00 / 1.20	1.00 / Note 5	Note 8
113+55	11355.00	0.00	0.00	3.13	0.00	0.00	0	0	0	0	0	0	0	0.00
114+00	11400.00	45.00	30.40	3.13	0.89	0.00	25	5	1	0	25	1	0	19.23
114+50	11450.00	50.00	53.29	3.13	2.33	0.00	77	6	3	0	103	4	0	87.35
115+00	11500.00	50.00	51.69	3.13	1.13	0.00	97	6	3	0	200	8	0	174.91
115+50	11550.00	50.00	28.89	3.13	3.51	0.00	75	6	4	0	275	13	0	238.57
116+00	11600.00	50.00	32.20	3.13	9.56	13.80	57	6	12	13	331	28	13	274.82
116+50	11650.00	50.00	70.80	3.13	7.23	20.43	95	6	16	32	427	47	44	345.76
117+00	11700.00	50.00	107.30	3.13	0.00	27.22	165	6	7	44	591	55	89	496.85
117+50	11750.00	50.00	94.24	3.13	13.73	31.95	187	6	13	55	778	70	143	662.41
118+00	11800.00	50.00	68.14	3.13	16.22	34.59	150	6	28	62	928	103	205	773.68
118+50	11850.00	50.00	34.89	3.13	13.15	35.02	95	6	27	64	1,024	136	269	830.66
119+00	11900.00	50.00	24.18	3.13	13.61	34.73	55	6	25	65	1,078	166	334	849.83
119+50	11950.00	50.00	24.35	3.13	12.72	34.70	45	6	24	64	1,123	195	398	859.73
119+50.56	11950.56	0.56	26.31	5.26	20.81	33.53	1	0	0	1	1,124	195	399	859.75
119+55	11955.00	4.44	26.17	5.52	20.45	14.33	4	1	3	4	1,128	199	403	859.11
119+60	11960.00	5.00	26.67	5.83	22.25	14.47	5	1	4	3	1,133	204	406	858.20
119+65	11965.00	5.00	27.22	6.09	24.55	14.57	5	1	4	3	1,138	209	408	856.89
119+70	11970.00	5.00	28.44	6.35	27.00	14.64	5	1	5	3	1,143	215	411	855.16
119+75	11975.00	5.00	31.19	6.67	30.21	14.68	6	1	5	3	1,149	221	414	853.12
119+80	11980.00	5.00	33.15	6.93	32.66	14.73	6	1	6	3	1,155	228	416	850.84
119+85	11985.00	5.00	31.37	7.92	34.08	14.88	6	1	6	3	1,161	236	419	848.02
119+90	11990.00	5.00	22.66	8.70	12.81	0.00	5	2	4	1	1,166	241	421	846.27
119+95	11995.00	5.00	26.71	10.00	1.38	0.00	5	2	1	0	1,170	243	421	847.54
120+00	12000.00	5.00	31.03	11.77	0.00	0.00	5	2	0	0	1,176	243	421	850.72
120+05	12005.00	5.00	26.29	12.81	0.00	0.00	5	2	0	0	1,181	243	421	853.75
120+10	12010.00	5.00	20.98	10.21	0.00	0.00	4	2	0	0	1,185	243	421	855.99
120+15	12015.00	5.00	15.43	7.71	0.00	0.00	3	2	0	0	1,189	243	421	857.71
120+20	12020.00	5.00	8.93	5.16	0.00	0.00	2	1	0	0	1,191	243	421	858.77
120+25	12025.00	5.00	2.62	2.66	0.00	0.00	1	1	0	0	1,192	243	421	859.12
120+30	12030.00	5.00	4.01	3.18	0.00	0.00	1	1	0	0	1,193	243	421	859.19
120+35	12035.00	5.00	11.30	5.83	0.00	0.00	1	1	0	0	1,194	243	421	859.77
120+40	12040.00	5.00	19.06	8.59	0.00	0.00	3	1	0	0	1,197	243	421	861.25
120+45	12045.00	5.00	27.23	11.35	0.00	0.00	4	2	0	0	1,201	243	421	863.69
120+50	12050.00	5.00	37.23	11.77	0.00	0.00	6	2	0	0	1,207	243	421	867.51
120+55	12055.00	5.00	41.33	9.58	0.00	0.00	7	2	0	0	1,214	243	421	872.81
120+60	12060.00	5.00	33.71	7.97	8.18	0.00	7	2	1	0	1,221	244	421	877.22
120+65	12065.00	5.00	28.03	6.88	12.95	0.00	6	1	2	0	1,227	246	421	879.22
120+70	12070.00	5.00	31.88	6.15	13.37	0.00	6	1	2	0	1,233	249	421	880.63
120+75	12075.00	5.00	31.52	5.68	11.35	0.00	6	1	2	0	1,239	252	421	882.66
120+79.27	12079.27	4.27	33.00	5.26	2.12	0.00	5	1	1	0	1,244	253	421	885.62
121+00	12100.00	20.73	30.18	3.13	0.61	0.00	24	3	1	0	1,268	254	421	905.40
121+50	12150.00	50.00	31.49	3.13	0.00	0.00	57	6	1	0	1,325	255	421	956.04
122+00	12200.00	50.00	30.21	3.13	0.00	0.00	57	6	0	0	1,382	255	421	1,007.38
122+50	12250.00	50.00	29.23	3.13	0.00	0.00	55	6	0	0	1,437	255	421	1,056.64
122+67.52	12267.52	17.52	30.53	3.13	0.00	0.00	19	2	0	0	1,457	255	421	1,074.00
							1,457	128	212	421				

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/Unusable Pavement Material Note 2	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 1.20	Cumulative Vol (CY) Expanded EBS Backfill 1.00 Note 5	Mass Ordinate Note 8
122+67.53	12267.53	0.00	65.73	15.63	0.00	0.00	0	0	0	0	0	0	0	0.00
123+00	12300.00	32.47	77.17	15.63	0.00	0.00	86	19	0	0	86	0	0	67.14
123+50	12350.00	50.00	100.86	15.63	0.00	0.00	165	29	0	0	251	0	0	203.05
124+00	12400.00	50.00	66.20	15.63	7.27	0.00	155	29	7	0	405	8	0	320.72
124+50	12450.00	50.00	59.30	15.63	11.82	0.00	116	29	18	0	522	29	0	386.78
124+58.22	12458.22	8.22	60.79	15.63	11.37	0.00	18	5	4	0	540	34	0	396.07
125+00	12500.00	41.78	63.90	15.63	11.09	0.00	96	24	17	0	636	54	0	447.51
125+50	12550.00	50.00	74.90	15.63	9.11	0.00	129	29	19	0	765	77	0	524.64
126+00	12600.00	50.00	107.04	15.63	3.90	0.00	168	29	12	0	933	91	0	649.70
126+50	12650.00	50.00	140.35	17.08	0.89	0.00	229	30	4	0	1,162	97	0	843.15
127+00	12700.00	50.00	173.23	18.18	0.00	0.00	290	33	1	0	1,453	98	0	1,099.86
127+20.54	12720.54	20.54	196.85	20.73	0.00	0.00	141	15	0	0	1,594	98	0	1,225.82
127+25	12725.00	4.46	203.43	20.73	0.00	0.00	33	3	0	0	1,627	98	0	1,255.46
127+30	12730.00	5.00	209.31	20.94	0.00	0.00	38	4	0	0	1,665	98	0	1,289.82
127+35	12735.00	5.00	207.53	21.30	0.00	0.00	39	4	0	0	1,703	98	0	1,324.51
127+40	12740.00	5.00	198.47	21.56	0.00	0.00	38	4	0	0	1,741	98	0	1,358.13
127+45	12745.00	5.00	201.02	22.50	0.00	0.00	37	4	0	0	1,778	98	0	1,391.04
127+50	12750.00	5.00	164.38	22.81	0.00	0.00	34	4	0	0	1,812	98	0	1,420.68
127+55	12755.00	5.00	174.78	20.00	0.00	0.00	31	4	0	0	1,843	98	0	1,448.12
127+60	12760.00	5.00	184.49	20.94	0.00	0.00	33	4	0	0	1,877	98	0	1,477.59
127+65	12765.00	5.00	178.60	22.45	0.00	0.00	34	4	0	0	1,910	98	0	1,507.20
127+70	12770.00	5.00	180.29	24.22	0.00	0.00	33	4	0	0	1,943	98	0	1,536.11
127+75	12775.00	5.00	167.62	26.67	0.00	0.00	32	5	0	0	1,976	98	0	1,563.61
127+80	12780.00	5.00	154.45	24.48	0.00	0.00	30	5	0	0	2,005	98	0	1,588.69
127+85	12785.00	5.00	140.36	21.56	0.00	0.00	27	4	0	0	2,033	98	0	1,611.73
127+90	12790.00	5.00	124.23	18.96	0.00	0.00	24	4	0	0	2,057	98	0	1,632.47
127+95	12795.00	5.00	107.50	16.15	0.00	0.00	21	3	0	0	2,079	98	0	1,650.68
128+00	12800.00	5.00	89.52	13.44	0.00	0.00	18	3	0	0	2,097	98	0	1,666.18
128+05	12805.00	5.00	96.38	14.22	0.00	0.00	17	3	0	0	2,114	98	0	1,680.84
128+10	12810.00	5.00	113.64	16.82	0.00	0.00	19	3	0	0	2,134	98	0	1,697.41
128+15	12815.00	5.00	130.65	19.43	0.00	0.00	23	3	0	0	2,156	98	0	1,716.67
128+20	12820.00	5.00	147.44	22.08	0.00	0.00	26	4	0	0	2,182	98	0	1,738.58
128+25	12825.00	5.00	164.47	24.38	0.00	0.00	29	4	0	0	2,211	98	0	1,763.16
128+30	12830.00	5.00	184.08	26.04	0.00	0.00	32	5	0	0	2,243	98	0	1,790.76
128+35	12835.00	5.00	194.86	23.23	0.00	0.00	35	5	0	0	2,278	98	0	1,821.28
128+40	12840.00	5.00	206.46	21.25	0.00	0.00	37	4	0	0	2,315	98	0	1,854.33
128+45	12845.00	5.00	219.25	19.95	0.00	0.00	39	4	0	0	2,355	98	0	1,889.93
128+50	12850.00	5.00	241.78	18.75	0.00	37.78	43	4	0	3	2,397	98	3	1,929.03
128+55	12855.00	5.00	240.31	17.97	0.00	0.00	45	3	0	3	2,442	98	7	1,970.27
128+57.79	12857.79	2.79	249.60	17.60	0.00	57.78	25	2	0	3	2,467	98	10	1,993.75
129+00	12900.00	42.21	231.87	15.63	0.00	49.38	376	26	0	84	2,844	98	94	2,344.12
129+50	12950.00	50.00	236.95	15.63	0.00	48.43	434	29	0	91	3,278	98	184	2,749.28
130+00	13000.00	50.00	240.53	15.63	0.00	48.43	442	29	0	90	3,720	98	274	3,162.45
130+50	13050.00	50.00	243.48	15.63	0.00	48.43	448	29	0	90	4,168	98	364	3,581.67
131+00	13100.00	50.00	243.68	15.63	0.00	48.43	451	29	0	90	4,619	98	453	4,003.81
131+50	13150.00	50.00	233.14	15.63	0.00	48.43	441	29	0	90	5,061	98	543	4,416.37
132+00	13200.00	50.00	227.03	15.63	0.00	48.43	426	29	0	90	5,487	98	633	4,813.51
132+50	13250.00	50.00	204.37	15.63	0.00	48.43	399	29	0	90	5,886	98	722	5,184.02
133+00	13300.00	50.00	168.27	15.63	0.00	48.43	345	29	0	90	6,231	98	812	5,500.13
133+50	13350.00	50.00	135.85	15.63	0.00	48.43	282	29	0	90	6,513	98	902	5,752.78

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
134+00	13400.00	50.00	110.39	15.63	0.00	48.43	228	29	0	90	6,741	98	991	5,951.85
134+50	13450.00	50.00	84.88	15.63	0.00	48.43	181	29	0	90	6,922	98	1,081	6,103.72
135+00	13500.00	50.00	63.97	15.63	0.00	48.43	138	29	0	90	7,059	98	1,171	6,212.60
135+50	13550.00	50.00	44.80	15.63	0.64	50.62	101	29	1	92	7,160	98	1,262	6,283.66
136+00	13600.00	50.00	24.58	15.63	15.58	54.97	64	29	15	98	7,224	116	1,360	6,300.94
136+50	13650.00	50.00	12.21	15.63	31.22	54.15	34	29	43	101	7,258	168	1,461	6,254.06
137+00	13700.00	50.00	6.06	15.63	24.53	52.31	17	29	52	99	7,275	230	1,560	6,180.09
137+50	13750.00	50.00	3.74	15.63	42.94	51.49	9	29	62	96	7,284	305	1,656	6,085.26
138+00	13800.00	50.00	1.78	15.63	53.25	51.15	5	29	89	95	7,290	412	1,751	5,954.55
138+26.02	13826.02	26.02	0.41	15.63	49.04	49.78	1	15	49	49	7,291	471	1,800	5,881.41
138+30	13830.00	3.98	0.29	15.63	47.12	50.00	0	2	7	7	7,291	480	1,807	5,870.65
138+35	13835.00	5.00	0.05	15.63	46.18	50.18	0	3	9	9	7,291	490	1,816	5,857.42
138+40	13840.00	5.00	0.00	15.63	28.94	44.78	0	3	7	9	7,291	499	1,825	5,846.18
138+45	13845.00	5.00	0.00	14.06	13.71	43.45	0	3	4	8	7,291	503	1,833	5,838.69
138+50	13850.00	5.00	0.00	14.06	7.83	41.45	0	3	2	8	7,291	506	1,841	5,833.69
138+55	13855.00	5.00	0.00	14.06	8.38	40.93	0	3	2	8	7,291	507	1,849	5,829.29
138+60	13860.00	5.00	0.00	14.06	8.44	41.04	0	3	2	8	7,291	509	1,856	5,824.82
138+65	13865.00	5.00	0.00	14.06	8.79	40.89	0	3	2	8	7,291	511	1,864	5,820.30
138+70	13870.00	5.00	0.00	14.06	9.32	40.58	0	3	2	8	7,291	513	1,871	5,815.68
138+75	13875.00	5.00	0.00	14.06	10.12	40.01	0	3	2	7	7,291	515	1,879	5,810.92
138+80	13880.00	5.00	0.00	14.06	10.95	39.25	0	3	2	7	7,291	518	1,886	5,805.97
138+85	13885.00	5.00	0.00	14.06	11.89	38.21	0	3	2	7	7,291	520	1,893	5,800.83
138+90	13890.00	5.00	0.00	14.06	12.85	37.06	0	3	2	7	7,291	523	1,900	5,795.48
138+95	13895.00	5.00	0.00	14.06	21.34	35.70	0	3	3	7	7,291	527	1,907	5,789.07
139+00	13900.00	5.00	0.00	14.06	42.24	35.74	0	3	6	7	7,291	534	1,914	5,779.41
139+05	13905.00	5.00	0.00	14.06	43.47	39.92	0	3	8	7	7,291	543	1,921	5,767.28
139+10	13910.00	5.00	0.00	15.63	38.74	43.75	0	3	8	8	7,291	553	1,929	5,755.39
139+15	13915.00	5.00	0.08	15.63	37.69	45.39	0	3	7	8	7,291	561	1,937	5,744.01
139+20	13920.00	5.00	0.15	15.63	36.20	45.81	0	3	7	8	7,291	569	1,945	5,732.93
139+25	13925.00	5.00	0.26	15.63	34.75	46.20	0	3	7	9	7,291	577	1,954	5,722.20
139+30	13930.00	5.00	0.39	15.63	33.23	46.60	0	3	6	9	7,291	585	1,962	5,711.81
139+33.4	13933.40	3.40	0.34	15.63	32.38	46.76	0	2	4	6	7,291	590	1,968	5,704.92
139+35	13935.00	1.60	0.31	15.63	32.05	46.81	0	1	2	3	7,291	592	1,971	5,701.73
139+40	13940.00	5.00	0.32	15.63	31.18	46.92	0	3	6	9	7,291	599	1,980	5,691.87
139+44.62	13944.62	4.62	0.40	15.63	30.61	47.03	0	3	5	8	7,291	605	1,988	5,682.92
139+50	13950.00	5.38	0.48	15.63	30.55	47.01	0	3	6	9	7,291	613	1,997	5,672.58
140+00	14000.00	50.00	1.47	15.63	24.68	47.21	2	29	51	87	7,293	674	2,084	5,584.08
140+50	14050.00	50.00	5.06	15.63	26.85	47.88	6	29	48	88	7,299	731	2,172	5,503.94
141+00	14100.00	50.00	10.40	15.63	17.13	48.30	14	29	41	89	7,313	780	2,261	5,440.46
141+50	14150.00	50.00	33.59	15.63	10.02	48.41	41	29	25	90	7,354	810	2,351	5,422.09
142+00	14200.00	50.00	57.98	15.63	8.83	48.43	85	29	17	90	7,439	831	2,441	5,456.99
142+50	14250.00	50.00	55.87	15.63	10.78	51.99	105	29	18	93	7,544	853	2,534	5,511.68
143+00	14300.00	50.00	107.05	15.63	8.37	57.78	151	29	18	102	7,695	874	2,635	5,612.32
143+50	14350.00	50.00	126.03	15.63	3.75	61.60	216	29	11	111	7,911	888	2,746	5,785.73
143+50.85	14350.85	0.85	126.18	15.63	3.68	61.68	4	0	0	2	7,915	888	2,748	5,789.06
144+00	14400.00	49.15	97.52	15.63	7.87	66.49	204	28	11	117	8,118	901	2,864	5,951.62
144+20	14420.00	20.00	92.31	15.63	9.99	68.38	70	12	7	50	8,189	908	2,914	6,002.42
							8,189	1,278	757	2,914				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut 1.00	Expanded Fill 1.20	Expanded EBS Backfill 1.00	Mass Ordinate
							Note 1	Note 2	Note 3		Note 1		Note 5	Note 8
144+20	14420.00	0.00	57.75	3.13	10.00	20.13	0	0	0	0	0	0	0	0.00
144+30.85	14430.85	10.85	44.64	3.13	11.91	35.56	21	1	4	11	21	5	11	14.04
144+50	14450.00	19.15	32.64	3.13	13.92	35.51	27	2	9	25	48	16	36	28.23
145+00	14500.00	50.00	25.85	3.13	16.57	35.42	54	6	28	66	102	50	102	42.73
145+08.19	14508.19	8.19	27.09	3.13	16.17	35.49	8	1	5	11	110	56	113	43.85
145+10.85	14510.85	2.66	27.50	3.13	16.03	35.51	3	0	2	4	113	58	116	44.33
145+46.85	14546.85	36.00	27.21	4.11	19.21	35.42	36	5	23	47	149	86	164	47.78
145+50	14550.00	3.15	27.07	4.17	19.44	35.40	3	0	2	4	152	89	168	47.76
145+93.42	14593.42	43.42	29.24	5.36	21.60	35.49	45	8	33	57	198	129	225	45.77
145+95	14595.00	1.58	28.29	5.42	30.63	15.19	2	0	2	1	199	130	226	45.30
146+00	14600.00	5.00	30.45	5.63	32.32	15.19	5	1	6	3	205	137	229	42.73
146+05	14605.00	5.00	31.95	5.73	34.91	15.19	6	1	6	3	211	145	232	39.98
146+10	14610.00	5.00	32.31	6.15	38.70	15.19	6	1	7	3	217	153	235	36.66
146+15	14615.00	5.00	36.45	6.61	43.31	15.19	6	1	8	3	223	162	237	32.73
146+20	14620.00	5.00	39.25	7.08	47.28	15.19	7	1	8	3	230	172	240	28.40
146+25	14625.00	5.00	20.92	8.07	49.68	0.00	6	1	9	1	236	183	242	21.80
146+30	14630.00	5.00	23.51	8.85	31.72	0.00	4	2	8	0	240	192	242	15.30
146+35	14635.00	5.00	27.02	8.39	7.98	0.00	5	2	4	0	244	196	242	13.97
146+40	14640.00	5.00	31.55	10.16	0.00	0.00	5	2	1	0	250	197	242	16.79
146+45	14645.00	5.00	28.09	11.15	0.00	0.00	6	2	0	0	255	197	242	20.34
146+50	14650.00	5.00	21.32	8.44	0.00	0.00	5	2	0	0	260	197	242	23.10
146+55	14655.00	5.00	14.64	5.78	0.00	0.00	3	1	0	0	263	197	242	25.12
146+60	14660.00	5.00	8.03	3.18	0.00	0.00	2	1	0	0	265	197	242	26.39
146+65	14665.00	5.00	1.59	0.52	0.00	0.00	1	0	0	0	266	197	242	26.93
146+70	14670.00	5.00	6.81	2.66	0.00	0.00	1	0	0	0	267	197	242	27.42
146+75	14675.00	5.00	16.35	6.20	0.00	0.00	2	1	0	0	269	197	242	28.74
146+80	14680.00	5.00	27.24	9.69	0.00	0.00	4	1	0	0	273	197	242	31.31
146+85	14685.00	5.00	38.73	13.23	0.00	0.00	6	2	0	0	279	197	242	35.29
146+90	14690.00	5.00	39.63	10.36	0.19	0.00	7	2	0	0	287	197	242	40.34
146+95	14695.00	5.00	30.84	8.07	28.22	0.00	7	2	3	0	293	200	242	42.00
147+00	14700.00	5.00	24.26	7.97	53.88	0.00	5	1	8	0	298	210	242	36.50
147+05	14705.00	5.00	19.79	6.98	46.90	0.00	4	1	9	0	302	221	242	28.00
147+10	14710.00	5.00	23.44	6.25	41.31	0.00	4	1	8	0	306	231	242	20.97
147+15	14715.00	5.00	22.02	5.36	36.76	0.00	4	1	7	0	310	239	242	15.43
147+20	14720.00	5.00	22.16	4.79	35.01	0.00	4	1	7	0	315	247	242	10.61
147+25	14725.00	5.00	22.75	4.38	23.76	19.49	4	1	5	2	319	254	243	7.39
147+30	14730.00	5.00	22.72	3.85	20.65	18.54	4	1	4	4	323	259	247	5.90
147+35	14735.00	5.00	22.61	1.56	17.82	17.50	4	1	4	3	327	263	250	5.33
147+40	14740.00	5.00	22.71	1.56	15.02	16.47	4	0	3	3	331	267	253	5.58
147+50	14750.00	10.00	22.59	1.56	9.59	14.42	8	1	5	6	340	272	259	7.92
148+00	14800.00	50.00	7.00	1.56	0.00	0.00	27	3	9	13	367	283	273	21.78
148+50	14850.00	50.00	6.38	1.56	0.00	0.00	12	3	0	0	379	283	273	31.28
149+00	14900.00	50.00	5.93	1.56	0.00	0.00	11	3	0	0	391	283	273	39.78
149+50	14950.00	50.00	6.99	1.56	0.00	0.00	12	3	0	0	403	283	273	48.85
150+00	15000.00	50.00	6.90	1.56	0.00	0.00	13	3	0	0	416	283	273	58.81
150+50	15050.00	50.00	7.91	1.56	0.00	0.00	14	3	0	0	429	283	273	69.62
151+00	15100.00	50.00	8.73	1.56	0.00	0.00	15	3	0	0	445	283	273	82.14
151+50	15150.00	50.00	8.20	1.56	0.00	0.00	16	3	0	0	460	283	273	94.92
152+00	15200.00	50.00	6.81	1.56	0.00	0.00	14	3	0	0	474	283	273	105.92
152+50	15250.00	50.00	9.84	1.56	0.00	8.84	15	3	0	8	490	283	281	118.43

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		Note 1	1.20	1.00 Note 5	Note 8
153+00	15300.00	50.00	10.46	1.56	0.00	13.29	19	3	0	20	509	283	301	134.34
153+50	15350.00	50.00	10.95	1.56	0.00	15.19	20	3	0	26	528	283	328	151.27
154+00	15400.00	50.00	10.69	1.56	0.00	15.19	20	3	0	28	548	283	356	168.42
154+50	15450.00	50.00	10.80	1.56	0.00	15.19	20	3	0	28	568	283	384	185.42
155+00	15500.00	50.00	12.26	1.56	0.00	15.19	21	3	0	28	590	283	412	203.89
155+50	15550.00	50.00	0.25	0.00	0.00	0.00	12	1	0	14	601	283	426	214.02
156+00	15600.00	50.00	0.06	1.56	0.00	0.00	0	1	0	0	602	283	426	212.86
156+50	15650.00	50.00	7.84	1.56	0.00	0.00	7	3	0	0	609	283	426	217.29
156+95.65	15695.65	45.65	8.15	1.56	0.00	0.00	14	3	0	0	622	283	426	228.16
157+00	15700.00	4.35	8.09	1.56	0.00	0.00	1	0	0	0	624	283	426	229.22
157+31.65	15731.65	31.65	7.43	1.56	0.00	0.00	9	2	0	0	633	283	426	236.48
157+34.32	15734.32	2.67	7.43	1.56	0.00	0.00	1	0	0	0	634	283	426	237.06
157+50	15750.00	15.68	7.46	1.56	0.00	0.00	4	1	0	0	638	283	426	240.48
158+00	15800.00	50.00	6.97	1.56	0.00	0.00	13	3	0	0	651	283	426	250.94
158+11.65	15811.65	11.65	8.23	1.56	0.00	0.00	3	1	0	0	654	283	426	253.54
158+50	15850.00	38.35	7.39	1.56	0.00	0.00	11	2	0	0	666	283	426	262.41
158+91.65	15891.65	41.65	6.22	1.56	0.00	0.00	10	2	0	0	676	283	426	270.50
159+00	15900.00	8.35	6.45	1.56	0.00	0.00	2	0	0	0	678	283	426	271.97
159+50	15950.00	50.00	6.29	1.56	0.00	0.00	12	3	0	0	690	283	426	280.87
160+00	16000.00	50.00	6.47	1.56	0.00	0.00	12	3	0	0	702	283	426	289.80
160+50	16050.00	50.00	6.87	1.56	0.00	0.00	12	3	0	0	714	283	426	299.26
161+00	16100.00	50.00	6.92	1.56	0.00	0.00	13	3	0	0	727	283	426	309.13
161+50	16150.00	50.00	7.56	1.56	0.76	0.00	13	3	1	0	740	284	426	318.80
162+00	16200.00	50.00	7.76	1.56	0.38	0.00	14	3	1	0	754	285	426	328.84
162+50	16250.00	50.00	8.03	1.56	0.63	0.00	15	3	1	0	769	286	426	339.45
163+00	16300.00	50.00	8.10	1.56	0.86	0.00	15	3	1	0	784	288	426	349.82
163+50	16350.00	50.00	9.94	1.56	0.90	0.00	17	3	2	0	801	290	426	361.67
164+00	16400.00	50.00	0.00	0.00	0.00	0.00	9	1	1	0	810	291	426	368.42
164+50	16450.00	50.00	0.00	0.00	0.00	0.00	0	0	0	0	810	291	426	368.42
165+00	16500.00	50.00	4.19	1.56	0.00	0.00	4	1	0	0	814	291	426	370.85
165+50	16550.00	50.00	3.30	1.56	0.00	0.00	7	3	0	0	821	291	426	374.89
166+00	16600.00	50.00	3.32	1.56	0.00	0.00	6	3	0	0	827	291	426	378.13
166+50	16650.00	50.00	3.10	1.56	0.00	0.00	6	3	0	0	833	291	426	381.18
167+00	16700.00	50.00	8.20	1.56	0.00	0.00	10	3	0	0	843	291	426	388.75
167+50	16750.00	50.00	7.71	1.56	0.00	0.00	15	3	0	0	858	291	426	400.59
167+87.5	16787.50	37.50	7.28	1.56	0.00	0.00	10	2	0	0	868	291	426	408.83
							868	169	242	426				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
168+84.15	16884.15	0.00	22.44	1.56	0.00	0.00	0	0	0	0	0	0	0	0.00
169+00	16900.00	15.85	19.96	1.56	0.94	0.00	12	1	0	0	12	0	0	11.20
169+50	16950.00	50.00	19.51	1.56	5.85	0.00	37	3	6	0	49	8	0	37.30
170+00	17000.00	50.00	20.14	1.56	6.42	0.00	37	3	11	0	86	22	0	57.48
170+50	17050.00	50.00	29.03	3.13	6.22	8.88	46	4	12	8	131	36	8	84.62
171+00	17100.00	50.00	63.32	3.13	0.29	13.68	86	6	6	21	217	43	29	157.10
171+50	17150.00	50.00	27.84	3.13	6.72	15.08	84	6	6	27	301	51	56	227.94
172+00	17200.00	50.00	31.23	3.13	9.43	15.01	55	6	15	28	356	69	84	258.90
172+50	17250.00	50.00	80.05	3.13	1.08	14.55	103	6	10	27	459	80	111	344.47
172+73.95	17273.95	23.95	29.45	5.31	12.70	14.53	49	4	6	13	507	88	124	381.96
172+75	17275.00	1.05	28.76	5.31	19.94	14.55	1	0	1	1	509	88	124	382.12
172+80	17280.00	5.00	27.17	5.31	28.40	14.63	5	1	4	3	514	94	127	380.94
172+85	17285.00	5.00	27.21	5.31	34.08	14.83	5	1	6	3	519	101	130	378.05
172+90	17290.00	5.00	27.27	5.31	40.91	14.99	5	1	7	3	524	109	133	373.78
172+95	17295.00	5.00	26.73	6.88	48.58	15.01	5	1	8	3	529	119	135	367.71
173+00	17300.00	5.00	34.19	7.66	58.08	15.24	6	1	10	3	534	131	138	360.15
173+05	17305.00	5.00	34.22	8.44	68.98	15.24	6	1	12	3	541	145	141	350.88
173+10	17310.00	5.00	35.58	8.96	67.22	15.24	6	2	13	3	547	160	144	340.60
173+15	17315.00	5.00	37.15	9.53	51.23	15.24	7	2	11	3	554	173	147	332.46
173+20	17320.00	5.00	19.26	10.63	38.83	0.00	5	2	8	1	559	183	148	325.81
173+25	17325.00	5.00	22.41	12.24	18.00	0.00	4	2	5	0	563	189	148	321.24
173+30	17330.00	5.00	27.29	14.95	0.12	0.00	5	3	2	0	568	192	148	321.31
173+35	17335.00	5.00	25.82	15.31	0.00	0.00	5	3	0	0	573	192	148	323.41
173+40	17340.00	5.00	22.26	10.36	0.00	0.00	4	2	0	0	577	192	148	325.48
173+45	17345.00	5.00	18.60	8.59	0.00	0.00	4	2	0	0	581	192	148	327.51
173+50	17350.00	5.00	14.66	6.46	0.00	0.00	3	1	0	0	584	192	148	329.20
173+55	17355.00	5.00	10.66	4.53	0.00	0.00	2	1	0	0	586	192	148	330.52
173+60	17360.00	5.00	6.18	2.50	0.00	0.00	2	1	0	0	588	192	148	331.43
173+65	17365.00	5.00	1.29	0.57	0.00	0.00	1	0	0	0	589	192	148	331.84
173+70	17370.00	5.00	6.41	2.60	0.00	0.00	1	0	0	0	589	192	148	332.26
173+75	17375.00	5.00	14.93	5.99	0.00	0.00	2	1	0	0	591	192	148	333.44
173+80	17380.00	5.00	24.75	9.27	0.00	0.00	4	1	0	0	595	192	148	335.70
173+85	17385.00	5.00	25.87	6.93	0.38	0.00	5	1	0	0	600	192	148	338.84
173+90	17390.00	5.00	21.42	5.73	19.79	0.00	4	1	2	0	604	194	148	339.81
173+95	17395.00	5.00	18.23	4.79	32.80	0.00	4	1	5	0	608	200	148	336.66
174+00	17400.00	5.00	17.99	4.43	27.75	0.00	3	1	6	0	611	206	148	332.44
174+05	17405.00	5.00	23.69	5.36	26.34	0.00	4	1	5	0	615	212	148	329.38
174+10	17410.00	5.00	24.87	4.58	18.14	0.00	4	1	4	0	619	217	148	328.01
174+15	17415.00	5.00	24.29	3.91	17.81	0.00	5	1	3	0	624	221	148	327.78
174+20	17420.00	5.00	23.76	3.13	16.46	0.00	4	1	3	0	628	225	148	327.77
174+25	17425.00	5.00	23.58	3.13	14.95	0.00	4	1	3	0	633	229	148	328.09
174+30	17430.00	5.00	23.64	3.13	13.11	0.00	4	1	3	0	637	232	148	328.76
174+35	17435.00	5.00	23.73	3.13	11.06	0.00	4	1	2	0	641	234	148	329.89
174+40	17440.00	5.00	23.69	3.13	8.80	0.00	4	1	2	0	646	237	148	331.49
174+45	17445.00	5.00	23.76	3.13	6.33	0.00	4	1	1	0	650	238	148	333.63

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
174+50	17450.00	5.00	23.82	3.13	3.67	0.00	4	1	1	0	655	239	148	336.34
174+55	17455.00	5.00	7.36	3.13	0.00	0.00	3	1	0	0	658	240	148	338.24
174+60	17460.00	5.00	7.39	1.56	0.00	0.00	1	0	0	0	659	240	148	339.17
174+65	17465.00	5.00	7.31	1.56	0.00	0.00	1	0	0	0	660	240	148	340.24
174+70	17470.00	5.00	7.20	1.56	0.00	0.00	1	0	0	0	662	240	148	341.30
174+75	17475.00	5.00	7.14	1.56	0.00	0.00	1	0	0	0	663	240	148	342.34
174+75.91	17475.91	0.91	7.15	1.56	0.00	0.00	0	0	0	0	663	240	148	342.52
175+00	17500.00	24.09	7.01	1.56	0.00	0.00	6	1	0	0	669	240	148	347.45
175+50	17550.00	50.00	7.01	1.56	0.00	0.00	13	3	0	0	682	240	148	357.54
176+00	17600.00	50.00	7.16	1.56	0.00	0.00	13	3	0	0	696	240	148	367.77
176+50	17650.00	50.00	8.45	1.56	0.00	0.00	14	3	0	0	710	240	148	379.33
177+00	17700.00	50.00	8.73	1.56	0.00	0.00	16	3	0	0	726	240	148	392.34
177+50	17750.00	50.00	0.00	1.56	0.00	0.00	8	3	0	0	734	240	148	397.53
178+00	17800.00	50.00	0.00	1.56	0.00	0.00	0	3	0	0	734	240	148	394.63
178+50	17850.00	50.00	0.00	1.56	0.00	0.00	0	3	0	0	734	240	148	391.74
178+55.62	17855.62	5.62	0.00	1.56	0.00	0.00	0	0	0	0	734	240	148	391.42
							734	103	200	148				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut 1.00	Expanded Fill 1.20	Expanded EBS Backfill 1.00	
							Note 1	Note 2	Note 3		Note 1		Note 5	Note 8
184+70.91	18470.91	0.00	4.83	1.56	0.00	0.00	0	0	0	0	0	0	0	0.00
185+00	18500.00	29.09	5.39	1.56	0.00	0.00	6	2	0	0	6	0	0	3.82
185+50	18550.00	50.00	5.76	1.56	0.06	0.00	10	3	0	0	16	0	0	11.19
186+00	18600.00	50.00	6.92	1.56	0.00	0.00	12	3	0	0	28	0	0	19.98
186+50	18650.00	50.00	5.99	1.56	0.00	0.00	12	3	0	0	40	0	0	29.04
187+00	18700.00	50.00	6.81	1.56	0.00	0.00	12	3	0	0	51	0	0	38.00
187+50	18750.00	50.00	16.54	1.56	0.00	0.00	22	3	0	0	73	0	0	56.73
188+00	18800.00	50.00	0.00	0.00	0.00	0.00	15	1	0	0	88	0	0	70.60
188+50	18850.00	50.00	0.00	0.00	0.00	0.00	0	0	0	0	88	0	0	70.60
189+00	18900.00	50.00	3.84	1.56	0.00	0.00	4	1	0	0	92	0	0	72.71
189+50	18950.00	50.00	3.09	1.56	0.00	0.00	6	3	0	0	98	0	0	76.23
190+00	19000.00	50.00	2.90	1.56	0.00	0.00	6	3	0	0	104	0	0	78.87
190+50	19050.00	50.00	3.01	1.56	0.00	0.00	5	3	0	0	109	0	0	81.45
191+00	19100.00	50.00	3.31	1.56	0.00	0.00	6	3	0	0	115	0	0	84.41
191+50	19150.00	50.00	4.30	1.56	0.00	0.00	7	3	0	0	122	0	0	88.56
192+00	19200.00	50.00	6.39	1.56	0.00	0.00	10	3	0	0	132	0	0	95.57
192+50	19250.00	50.00	8.20	1.56	0.00	0.00	14	3	0	0	146	0	0	106.19
193+00	19300.00	50.00	7.13	1.56	0.00	0.00	14	3	0	0	160	0	0	117.50
193+50	19350.00	50.00	6.01	1.56	0.01	0.00	12	3	0	0	172	0	0	126.77
194+00	19400.00	50.00	10.46	1.56	0.20	0.00	15	3	0	0	187	0	0	138.90
194+50	19450.00	50.00	9.73	0.00	0.00	0.00	19	1	0	0	206	1	0	155.93
195+00	19500.00	50.00	0.00	0.00	0.00	0.00	9	0	0	0	215	1	0	164.93
195+50	19550.00	50.00	8.18	1.56	0.00	0.00	8	1	0	0	223	1	0	171.06
196+00	19600.00	50.00	7.98	1.56	0.00	0.00	15	3	0	0	237	1	0	183.12
196+50	19650.00	50.00	7.48	1.56	0.00	0.00	14	3	0	0	252	1	0	194.55
197+00	19700.00	50.00	22.81	3.13	3.66	0.00	28	4	3	0	280	5	0	214.19
197+50	19750.00	50.00	23.39	3.13	10.07	0.00	43	6	13	0	323	20	0	235.92
197+86.6	19786.60	36.60	23.68	3.13	9.24	4.71	32	4	13	3	355	36	3	247.88
198+00	19800.00	13.40	24.42	3.13	8.83	6.02	12	2	4	3	366	41	6	252.89
198+50	19850.00	50.00	26.08	3.13	6.77	10.90	47	6	14	16	413	58	22	276.52
199+00	19900.00	50.00	27.39	3.65	7.05	15.22	50	6	13	24	463	74	46	304.40
199+50	19950.00	50.00	27.64	4.64	7.91	15.24	51	8	14	28	514	90	74	331.06
200+00	20000.00	50.00	26.89	5.83	8.94	15.21	50	10	16	28	564	109	102	353.13
200+50	20050.00	50.00	31.20	6.77	5.70	15.25	54	12	14	28	618	125	130	378.99
200+55.77	20055.77	5.77	24.22	7.19	12.59	15.25	6	1	2	3	624	128	134	381.07
200+60	20060.00	4.23	32.19	7.66	13.99	15.25	4	1	2	2	628	130	136	381.83
200+65	20065.00	5.00	33.23	8.07	17.25	15.24	6	1	3	3	634	134	139	382.96
200+70	20070.00	5.00	33.89	8.39	20.31	15.24	6	2	3	3	641	138	142	383.48
200+75	20075.00	5.00	34.25	8.65	24.25	15.24	6	2	4	3	647	143	144	383.26
200+80	20080.00	5.00	35.38	9.27	30.66	15.23	6	2	5	3	653	149	147	381.95
200+85	20085.00	5.00	38.11	10.47	19.16	15.23	7	2	5	3	660	154	150	381.39
200+90	20090.00	5.00	42.48	11.98	2.05	15.22	7	2	2	3	668	157	153	384.42
200+95	20095.00	5.00	33.86	14.32	0.00	0.00	7	2	0	1	675	157	154	388.82
201+00	20100.00	5.00	30.41	15.31	0.00	0.00	6	3	0	0	681	157	154	392.03
201+05	20105.00	5.00	26.47	11.82	0.00	0.00	5	3	0	0	686	157	154	394.78
201+10	20110.00	5.00	22.68	9.95	0.00	0.00	5	2	0	0	690	157	154	397.32
201+15	20115.00	5.00	18.77	7.97	0.00	0.00	4	2	0	0	694	157	154	399.50
201+20	20120.00	5.00	14.67	6.15	0.00	0.00	3	1	0	0	697	157	154	401.29
201+25	20125.00	5.00	10.41	4.38	0.00	0.00	2	1	0	0	700	157	154	402.63
201+30	20130.00	5.00	5.98	2.19	0.00	0.00	2	1	0	0	701	157	154	403.54

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
201+35	20135.00	5.00	1.42	0.52	0.00	0.00	1	0	0	0	702	157	154	403.98
201+40	20140.00	5.00	6.31	2.55	0.00	0.00	1	0	0	0	703	157	154	404.41
201+45	20145.00	5.00	15.94	6.09	0.00	0.00	2	1	0	0	705	157	154	405.67
201+50	20150.00	5.00	25.95	7.81	0.00	0.00	4	1	0	0	709	157	154	408.26
201+55	20155.00	5.00	23.33	6.15	2.46	0.00	5	1	0	0	713	157	154	411.26
201+60	20160.00	5.00	19.37	5.05	19.67	0.00	4	1	2	0	717	160	154	411.72
201+65	20165.00	5.00	16.71	5.83	29.34	0.00	3	1	5	0	720	165	154	408.60
201+70	20170.00	5.00	23.29	5.63	27.76	0.00	4	1	5	0	724	171	154	404.90
201+75	20175.00	5.00	22.39	4.74	26.22	0.00	4	1	5	0	728	177	154	402.17
201+80	20180.00	5.00	21.90	4.01	24.84	0.00	4	1	5	0	732	183	154	399.79
201+85	20185.00	5.00	21.60	3.39	23.77	0.00	4	1	5	0	736	189	154	397.73
201+90	20190.00	5.00	21.57	3.13	22.81	0.00	4	1	4	0	740	194	154	395.95
201+95	20195.00	5.00	23.07	3.13	13.83	0.00	4	1	3	0	745	198	154	395.44
202+00	20200.00	5.00	23.13	3.13	12.64	0.00	4	1	2	0	749	201	154	396.20
202+05	20205.00	5.00	23.27	3.13	11.30	0.00	4	1	2	0	753	203	154	397.25
202+10	20210.00	5.00	23.69	3.13	9.83	0.00	4	1	2	0	758	206	154	398.68
202+15	20215.00	5.00	23.93	3.13	8.25	0.00	4	1	2	0	762	208	154	400.50
202+16.56	20216.56	1.56	24.02	3.13	7.72	0.00	1	0	0	0	763	208	154	401.15
202+50	20250.00	33.44	7.65	1.56	0.00	0.00	20	3	5	0	783	214	154	412.12
203+00	20300.00	50.00	7.13	1.56	0.00	0.00	14	3	0	0	797	214	154	422.91
203+50	20350.00	50.00	7.18	1.56	0.00	0.00	13	3	0	0	810	214	154	433.26
204+00	20400.00	50.00	7.41	1.56	0.00	0.00	14	3	0	0	823	214	154	443.88
204+50	20450.00	50.00	9.19	1.56	0.00	8.91	15	3	0	8	839	214	163	456.35
205+00	20500.00	50.00	9.45	1.56	0.00	14.15	17	3	0	21	856	214	184	470.71
205+50	20550.00	50.00	8.64	1.56	0.17	14.86	17	3	0	27	873	214	211	484.38
206+00	20600.00	50.00	9.94	1.56	0.04	14.92	17	3	0	28	890	214	238	498.46
206+50	20650.00	50.00	11.01	1.56	0.13	15.10	19	3	0	28	909	215	266	514.79
207+00	20700.00	50.00	0.00	0.00	0.00	0.00	10	1	0	14	920	215	280	523.40
207+50	20750.00	50.00	8.46	1.56	0.00	0.00	8	1	0	0	927	215	280	529.78
207+87.49	20787.49	37.49	7.34	1.56	0.00	0.00	11	2	0	0	938	215	280	538.59
208+00	20800.00	12.51	7.39	1.56	0.00	0.00	3	1	0	0	942	215	280	541.27
208+50	20850.00	50.00	7.11	1.56	0.00	0.00	13	3	0	0	955	215	280	551.80
209+00	20900.00	50.00	7.05	1.56	0.00	0.00	13	3	0	0	968	215	280	562.01
209+50	20950.00	50.00	8.88	1.56	0.00	0.00	15	3	0	0	983	215	280	573.87
210+00	21000.00	50.00	8.07	1.56	0.00	0.00	16	3	0	0	999	215	280	586.66
210+49.09	21049.09	49.09	0.00	1.56	0.00	0.00	7	3	0	0	1,006	215	280	591.16
							1,006	200	179	280				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
219+98.02	21998.02	0.00	8.06	1.56	0.00	0.00	0	0	0	0	0	0	0	0.00
220+00	22000.00	1.98	8.17	1.56	0.00	0.00	1	0	0	0	1	0	0	0.48
220+50	22050.00	50.00	10.37	1.56	0.00	0.00	17	3	0	0	18	0	0	14.76
221+00	22100.00	50.00	12.14	1.56	0.00	0.00	21	3	0	0	39	0	0	32.70
221+50	22150.00	50.00	12.12	1.56	0.00	0.00	22	3	0	0	61	0	0	52.27
222+00	22200.00	50.00	11.40	1.56	0.00	0.00	22	3	0	0	83	0	0	71.15
222+50	22250.00	50.00	11.49	1.56	0.00	0.00	21	3	0	0	104	0	0	89.45
223+00	22300.00	50.00	19.01	3.13	0.00	0.00	28	4	0	0	132	0	0	113.36
223+21.35	22321.35	21.35	0.00	3.13	0.00	0.00	8	2	0	0	140	0	0	118.40
223+25	22325.00	3.65	0.00	3.13	0.00	0.00	0	0	0	0	140	0	0	117.98
223+30	22330.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
223+35	22335.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
223+40	22340.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
223+45	22345.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
223+50	22350.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
223+55	22355.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
223+60	22360.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
223+65	22365.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
223+70	22370.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
223+75	22375.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
223+80	22380.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
223+85	22385.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
223+90	22390.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
223+95	22395.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
224+00	22400.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
224+05	22405.00	5.00	0.00	0.00	0.00	0.00	0	0	0	0	140	0	0	117.69
224+10	22410.00	5.00	0.00	3.13	0.00	0.00	0	0	0	0	140	0	0	117.40
224+15	22415.00	5.00	0.00	3.13	0.00	0.00	0	1	0	0	140	0	0	116.83
224+18.38	22418.38	3.38	0.00	3.13	0.00	0.00	0	0	0	0	140	0	0	116.43
224+50	22450.00	31.62	7.11	1.56	0.00	0.00	4	3	0	0	144	0	0	117.85
225+00	22500.00	50.00	6.84	1.56	0.00	0.00	13	3	0	0	157	0	0	127.88
225+50	22550.00	50.00	6.87	1.56	0.00	0.00	13	3	0	0	170	0	0	137.67
226+00	22600.00	50.00	6.98	1.56	0.00	0.00	13	3	0	0	182	0	0	147.60
226+50	22650.00	50.00	8.76	1.56	0.00	0.00	15	3	0	0	197	0	0	159.28
227+00	22700.00	50.00	8.70	1.56	0.00	0.00	16	3	0	0	213	0	0	172.54
227+36.19	22736.19	36.19	9.29	1.56	0.00	0.00	12	2	0	0	225	0	0	182.50
							225	43	0	0				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut 1.00	Expanded Fill 1.20	Expanded EBS Backfill 1.00	
							Note 1	Note 2	Note 3		Note 1		Note 5	Note 8
230+35.92	23035.92	0.00	9.62	1.56	0.00	0.00	0	0	0	0	0	0	0	0.00
230+50	23050.00	14.08	10.32	1.56	0.00	0.00	5	1	0	0	5	0	0	4.39
231+00	23100.00	50.00	10.52	1.56	0.01	0.00	19	3	0	0	24	0	0	20.77
231+50	23150.00	50.00	10.00	1.56	0.13	0.00	19	3	0	0	43	0	0	36.73
232+00	23200.00	50.00	10.85	1.56	0.20	0.00	19	3	0	0	63	1	0	52.79
232+50	23250.00	50.00	10.46	1.56	0.03	0.00	20	3	0	0	83	1	0	69.37
233+00	23300.00	50.00	11.66	3.13	0.01	0.00	20	4	0	0	103	1	0	85.46
233+50	23350.00	50.00	0.00	0.00	0.00	0.00	11	3	0	0	114	1	0	93.36
234+00	23400.00	50.00	0.00	0.00	0.00	0.00	0	0	0	0	114	1	0	93.36
234+50	23450.00	50.00	8.20	1.56	0.00	0.00	8	1	0	0	121	1	0	99.50
235+00	23500.00	50.00	7.38	1.56	0.00	0.00	14	3	0	0	136	1	0	111.04
235+50	23550.00	50.00	7.26	1.56	0.00	0.00	14	3	0	0	149	1	0	121.70
236+00	23600.00	50.00	7.70	1.56	0.00	0.00	14	3	0	0	163	1	0	132.66
236+50	23650.00	50.00	9.43	1.56	0.00	0.00	16	3	0	0	179	1	0	145.62
237+00	23700.00	50.00	8.67	1.56	0.00	0.00	17	3	0	0	196	1	0	159.49
237+34.09	23734.09	34.09	9.05	1.56	0.00	0.00	11	2	0	0	207	1	0	168.70
							207	38	1	0				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut 1.00	Expanded Fill 1.20	Expanded EBS Backfill 1.00	
							Note 1	Note 2	Note 3		Note 1		Note 5	Note 8
244+85	24485.00	0.00	9.13	1.56	0.00	3.44	0	0	0	0	0	0	0	0.00
245+00	24500.00	15.00	9.55	1.56	0.00	4.91	5	1	0	2	5	0	2	4.32
245+50	24550.00	50.00	9.44	1.56	0.31	9.80	18	3	0	14	23	0	16	18.68
246+00	24600.00	50.00	9.93	1.56	0.05	14.00	18	3	0	22	41	1	38	33.32
246+42.83	24642.83	42.83	10.93	1.56	0.00	14.00	17	2	0	22	57	1	60	47.34
246+50	24650.00	7.17	11.02	1.56	0.00	14.00	3	0	0	4	60	1	64	49.84
247+00	24700.00	50.00	11.94	1.56	0.00	14.00	21	3	0	26	81	1	90	68.21
247+22.83	24722.83	22.83	12.30	1.56	0.00	14.00	10	1	0	12	92	1	102	77.14
247+50	24750.00	27.17	12.18	1.56	0.00	14.00	12	2	0	14	104	1	116	87.88
247+86.83	24786.83	36.83	11.73	1.56	0.17	13.99	16	2	0	19	120	1	135	101.92
248+00	24800.00	13.17	0.00	0.00	0.00	0.00	3	0	0	3	123	1	138	104.34
248+02.83	24802.83	2.83	0.00	0.00	0.00	0.00	0	0	0	0	123	1	138	104.34
248+18.83	24818.83	16.00	0.00	0.00	0.00	0.00	0	0	0	0	123	1	138	104.34
248+50	24850.00	31.17	0.00	0.00	0.00	0.00	0	0	0	0	123	1	138	104.34
248+75	24875.00	25.00	0.00	0.00	0.00	0.00	0	0	0	0	123	1	138	104.34
							123	18	1	138				

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut	Cumulative Vol (CY) Expanded Fill	Cumulative Vol (CY) Expanded EBS Backfill	Mass Ordinate
											1.00	1.20	1.00	
							Note 1	Note 2	Note 3		Note 1		Note 5	Note 8
10+30	1030.00	0.00	6.99	2.71	0.00	0.00	0	0	0	0	0	0	0	0.00
10+35	1035.00	5.00	20.44	7.86	0.00	0.00	3	1	0	0	3	0	0	1.56
10+40	1040.00	5.00	34.70	13.07	0.00	0.00	5	2	0	0	8	0	0	4.73
10+45	1045.00	5.00	49.68	18.23	0.00	0.00	8	3	0	0	15	0	0	9.64
10+50	1050.00	5.00	64.84	22.45	0.00	0.00	11	4	0	0	26	0	0	16.48
10+55	1055.00	5.00	77.47	19.32	0.00	0.00	13	4	0	0	39	0	0	25.79
10+60	1060.00	5.00	72.20	16.82	6.03	0.00	14	3	1	0	53	1	0	35.63
10+65	1065.00	5.00	63.20	14.90	17.38	0.00	13	3	2	0	66	3	0	42.63
10+70	1070.00	5.00	56.27	13.54	29.84	0.00	11	3	4	0	77	9	0	45.81
10+75	1075.00	5.00	55.15	13.28	24.21	0.00	10	2	5	0	87	15	0	47.64
10+80	1080.00	5.00	52.63	13.33	18.27	0.00	10	2	4	0	97	19	0	50.43
10+85	1085.00	5.00	56.92	13.91	15.08	0.00	10	3	3	0	107	23	0	54.35
10+90	1090.00	5.00	58.45	14.64	12.72	0.00	11	3	3	0	118	26	0	59.30
10+95	1095.00	5.00	61.40	15.89	10.87	0.00	11	3	2	0	129	29	0	64.95
11+00	1100.00	5.00	66.67	17.71	7.35	0.00	12	3	2	0	141	31	0	71.68
11+03.89	1103.89	3.89	3.51	19.69	12.11	0.00	5	3	1	0	146	32	0	72.35
11+33.88	1133.88	29.99	7.15	1.56	0.74	0.00	6	12	7	0	152	41	0	57.91
							152	53	34	0				

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	EARTHWORK (KNOLLWOOD ROAD DIVISION 2)	SHEET: 300	E

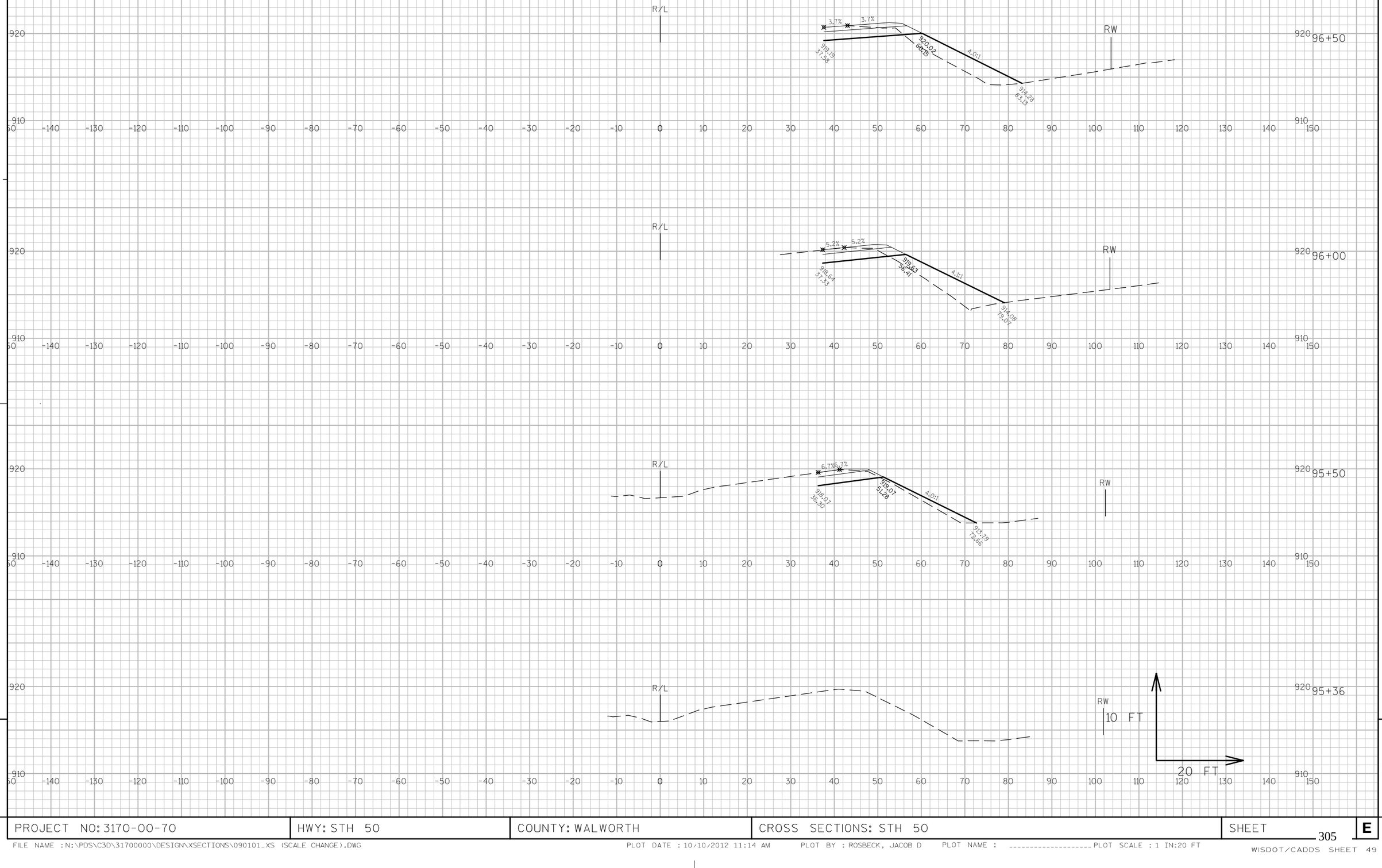
FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
50+30	5030.00	0.00	20.80	3.07	0.00	0.00	0	0	0	0	0	0	0	0.00
50+35	5035.00	5.00	54.69	8.18	0.00	0.00	7	1	0	0	7	0	0	5.95
50+40	5040.00	5.00	87.10	13.23	0.00	0.00	13	2	0	0	20	0	0	17.09
50+45	5045.00	5.00	117.69	18.33	0.00	0.00	19	3	0	0	39	0	0	33.13
50+50	5050.00	5.00	144.91	23.49	0.00	0.00	24	4	0	0	63	0	0	53.58
50+55	5055.00	5.00	168.38	26.41	0.00	0.00	29	5	0	0	92	0	0	77.96
50+60	5060.00	5.00	179.85	23.07	0.00	0.00	32	5	0	0	125	0	0	105.63
50+65	5065.00	5.00	174.73	20.78	0.00	0.00	33	4	0	0	157	0	0	134.40
50+70	5070.00	5.00	176.33	19.01	0.00	0.00	33	4	0	0	190	0	0	163.22
50+75	5075.00	5.00	152.00	17.40	0.00	0.00	30	3	0	0	220	0	0	190.25
50+80	5080.00	5.00	124.52	16.93	0.03	0.00	26	3	0	0	246	0	0	212.67
50+85	5085.00	5.00	124.21	16.46	0.14	0.00	23	3	0	0	269	0	0	232.59
50+90	5090.00	5.00	109.00	15.94	0.33	0.00	22	3	0	0	291	0	0	251.13
50+93.48	5093.48	3.48	102.12	15.68	0.00	0.00	14	2	0	0	304	0	0	262.67
51+00	5100.00	6.52	93.52	17.19	0.00	0.00	24	4	0	0	328	0	0	282.33
51+10	5110.00	10.00	84.91	20.83	0.00	0.00	33	7	0	0	361	0	0	308.33
							361	52	0	0				

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut	Cumulative Vol (CY) Expanded Fill	Cumulative Vol (CY) Expanded EBS Backfill	Mass Ordinate
											1.00	1.20	1.00	
							Note 1	**Note 2**	**Note 3**		**Note 1**		**Note 5**	**Note 8**
10+27	1027.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0.00
10+30	1030.00	3.00	6.23	7.34	0.00	0.00	0	0	0	0	0	0	0	-0.06
10+35	1035.00	5.00	17.19	11.88	0.00	0.00	2	2	0	0	3	0	0	0.33
10+40	1040.00	5.00	28.93	16.46	0.00	0.00	4	3	0	0	7	0	0	1.97
10+45	1045.00	5.00	41.73	20.73	0.00	0.00	7	3	0	0	13	0	0	5.07
10+50	1050.00	5.00	54.74	19.27	0.00	0.00	9	4	0	0	22	0	0	10.30
10+55	1055.00	5.00	59.08	16.72	0.81	0.00	11	3	0	0	33	0	0	17.42
10+60	1060.00	5.00	54.31	15.00	13.74	0.00	10	3	1	0	43	2	0	23.36
10+65	1065.00	5.00	49.91	13.91	47.87	0.00	10	3	6	0	53	9	0	23.49
10+70	1070.00	5.00	48.86	12.60	62.73	0.00	9	2	10	0	62	21	0	17.89
10+75	1075.00	5.00	50.19	11.98	50.67	0.00	9	2	11	0	71	33	0	12.19
10+80	1080.00	5.00	47.25	11.56	36.03	0.00	9	2	8	0	80	43	0	9.40
10+85	1085.00	5.00	49.54	11.15	25.40	0.00	9	2	6	0	89	50	0	9.43
10+90	1090.00	5.00	49.29	10.73	19.77	0.00	9	2	4	0	98	55	0	11.54
10+95	1095.00	5.00	49.27	10.73	15.50	0.00	9	2	3	0	108	59	0	14.76
11+00	1100.00	5.00	50.22	10.73	11.31	0.00	9	2	2	0	117	62	0	19.01
11+00.88	1100.88	0.88	46.29	10.94	9.70	0.00	2	0	0	0	118	62	0	19.81
11+23.42	1123.42	22.54	47.75	10.94	0.64	0.00	39	9	4	0	158	67	0	44.75
11+50	1150.00	26.58	38.93	10.94	0.00	0.00	43	11	0	0	200	68	0	76.28
							200	56	56	0				

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	Mass Ordinate
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
48+00	4800.00	0.00	63.70	11.46	0.05	0.00	0	0	0	0	0	0	0	0.00
48+50	4850.00	50.00	61.05	11.67	0.00	0.00	116	21	0	0	116	0	0	94.04
48+81.64	4881.64	31.64	54.47	11.35	3.06	0.00	68	13	2	0	183	2	0	146.08
48+85	4885.00	3.36	51.18	11.56	7.55	0.00	7	1	1	0	190	3	0	150.44
48+90	4890.00	5.00	49.43	11.82	11.05	0.00	9	2	2	0	199	5	0	155.52
48+95	4895.00	5.00	46.93	12.08	14.86	0.00	9	2	2	0	208	8	0	159.35
49+00	4900.00	5.00	45.51	12.34	20.36	0.00	9	2	3	0	217	12	0	161.73
49+05	4905.00	5.00	48.01	12.60	27.49	0.00	9	2	4	0	225	17	0	162.77
49+10	4910.00	5.00	57.93	12.81	37.10	0.00	10	2	6	0	235	24	0	163.04
49+15	4915.00	5.00	59.89	13.13	49.54	0.00	11	2	8	0	246	34	0	161.93
49+20	4920.00	5.00	56.98	13.44	44.87	0.00	11	2	9	0	257	44	0	159.80
49+25	4925.00	5.00	53.11	14.01	36.94	0.00	10	3	8	0	267	54	0	158.36
49+30	4930.00	5.00	50.34	15.00	28.35	0.00	10	3	6	0	277	61	0	158.00
49+35	4935.00	5.00	47.79	16.67	19.92	0.00	9	3	4	0	286	66	0	158.79
49+40	4940.00	5.00	46.79	19.01	19.58	0.00	9	3	4	0	294	71	0	159.85
49+45	4945.00	5.00	40.38	17.50	26.33	0.00	8	3	4	0	302	76	0	159.44
49+50	4950.00	5.00	39.18	16.04	20.23	0.00	7	3	4	0	310	81	0	158.53
49+55	4955.00	5.00	40.83	15.00	0.66	0.00	7	3	2	0	317	83	0	160.74
49+60	4960.00	5.00	38.08	14.32	0.00	0.00	7	3	0	0	325	83	0	165.26
49+65	4965.00	5.00	24.91	9.74	0.00	0.00	6	2	0	0	330	83	0	168.87
49+70	4970.00	5.00	10.91	4.27	0.00	0.00	3	1	0	0	334	83	0	170.89
							334	80	69	0				

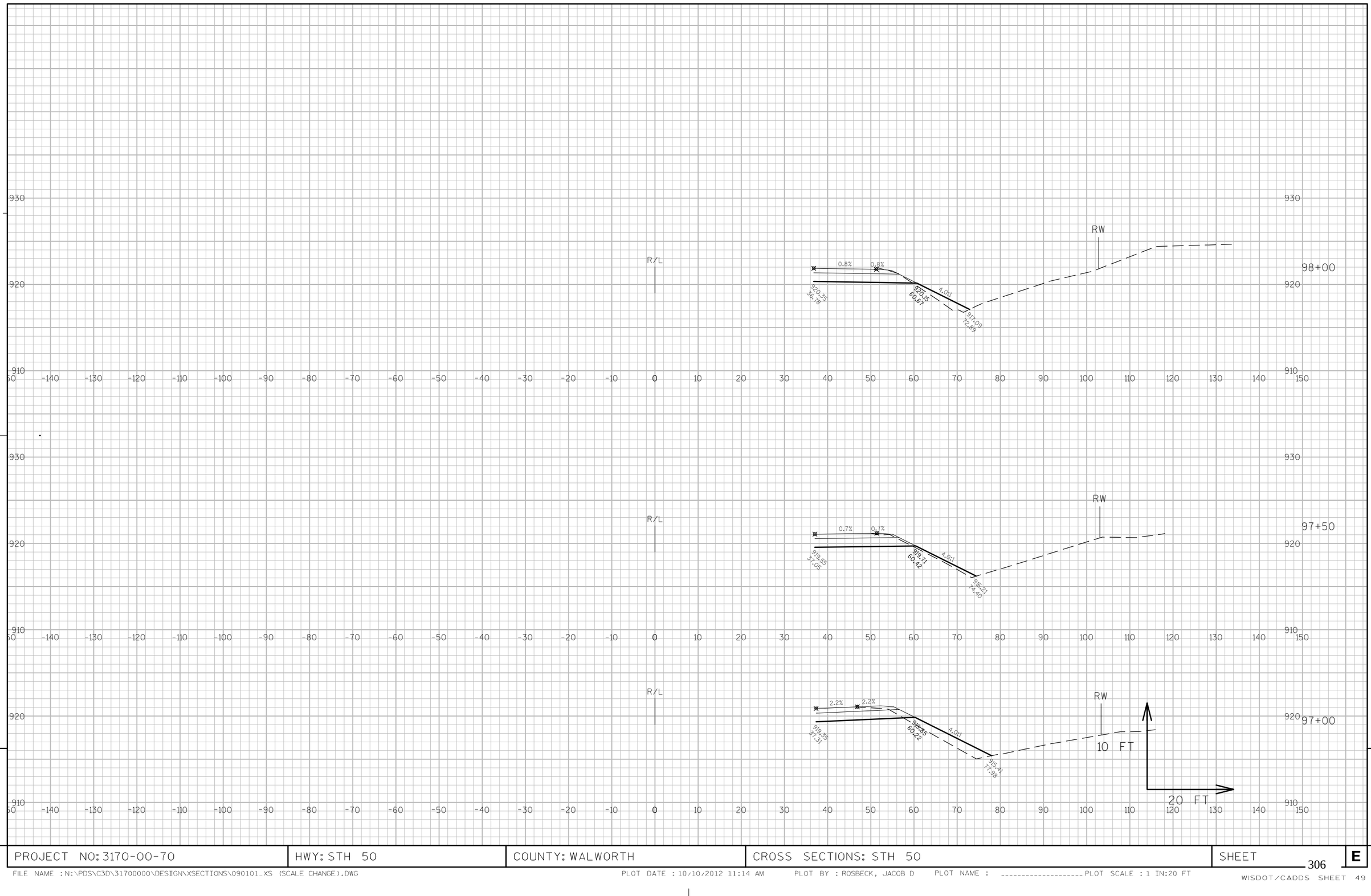
STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Salvaged/Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill	
							Note 1	Note 2	Note 3		1.00 Note 1	1.20	1.00 Note 5	Note 8
48+50	4850.00	0.00	17.98	5.68	0.00	0.00	0	0	0	0	0	0	0	0.00
48+93.86	4893.86	43.86	57.32	10.94	0.15	0.00	61	13	0	0	61	0	0	47.52
48+95	4895.00	1.14	54.64	10.99	0.61	0.00	2	0	0	0	64	0	0	49.41
49+00	4900.00	5.00	55.87	11.04	1.30	0.00	10	2	0	0	74	0	0	57.39
49+05	4905.00	5.00	56.21	11.15	2.75	0.00	10	2	0	0	84	1	0	65.26
49+10	4910.00	5.00	55.30	11.41	5.96	0.00	10	2	1	0	94	2	0	72.53
49+15	4915.00	5.00	60.01	12.45	12.04	0.00	11	2	2	0	105	4	0	79.00
49+20	4920.00	5.00	63.34	13.70	15.54	0.00	11	2	3	0	117	7	0	84.93
49+25	4925.00	5.00	64.59	20.68	3.70	0.00	12	3	2	0	128	9	0	91.46
49+30	4930.00	5.00	66.67	17.50	3.88	0.00	12	4	1	0	141	10	0	99.23
49+35	4935.00	5.00	60.80	19.48	8.54	0.00	12	3	1	0	152	11	0	106.23
49+40	4940.00	5.00	53.21	17.71	15.25	0.00	11	3	2	0	163	14	0	110.70
49+45	4945.00	5.00	48.43	16.15	18.87	0.00	9	3	3	0	172	18	0	113.19
49+50	4950.00	5.00	45.20	14.74	5.46	0.00	9	3	2	0	181	20	0	116.29
49+55	4955.00	5.00	43.50	13.70	0.00	0.00	8	3	1	0	189	21	0	121.27
49+60	4960.00	5.00	32.08	12.19	0.00	0.00	7	2	0	0	196	21	0	125.87
49+65	4965.00	5.00	17.72	6.88	0.00	0.00	5	2	0	0	201	21	0	128.72
49+70	4970.00	5.00	3.95	1.61	0.00	0.00	2	1	0	0	203	21	0	129.94
							203	52	17	0				



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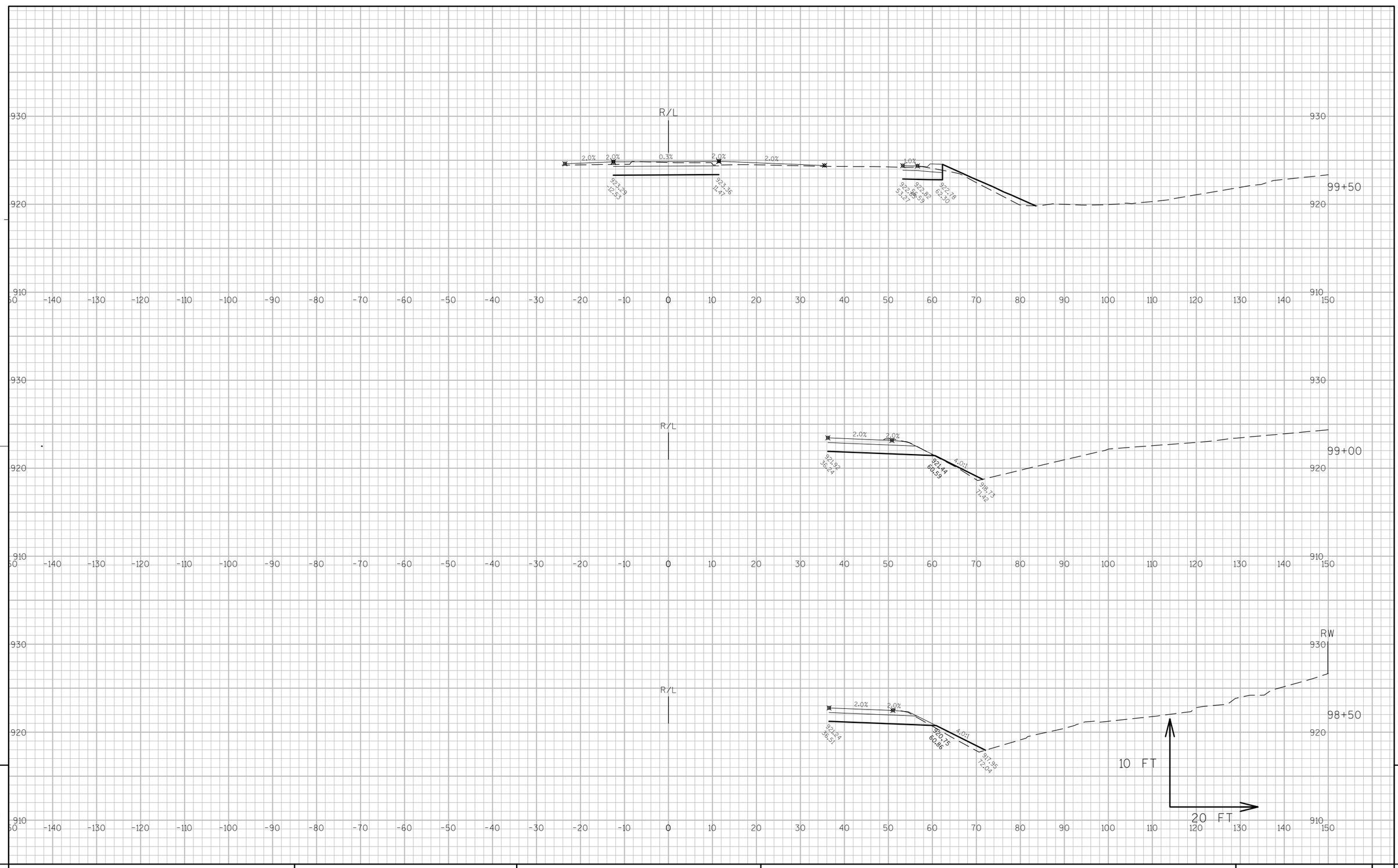
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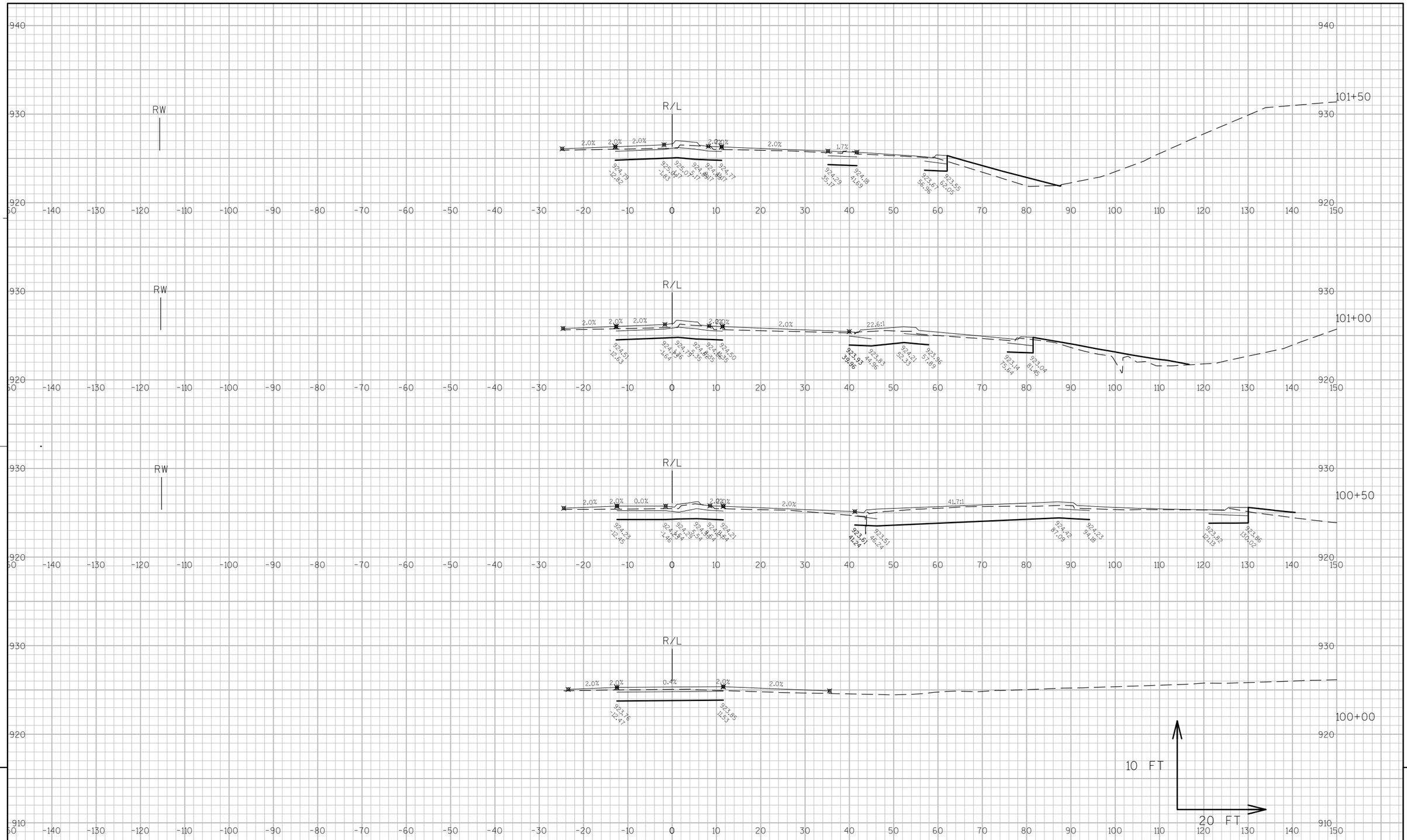
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 307	E

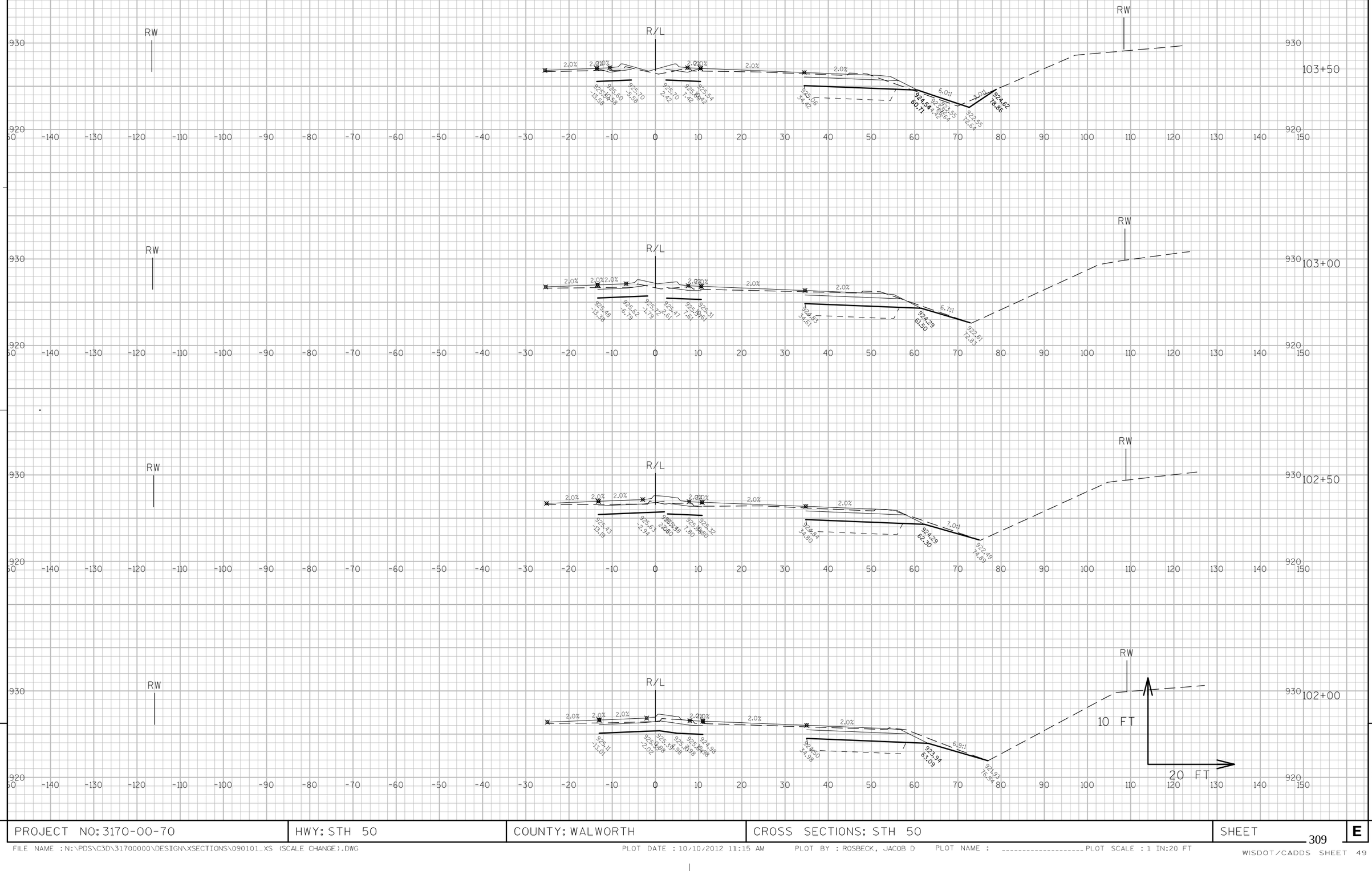


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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 308	E

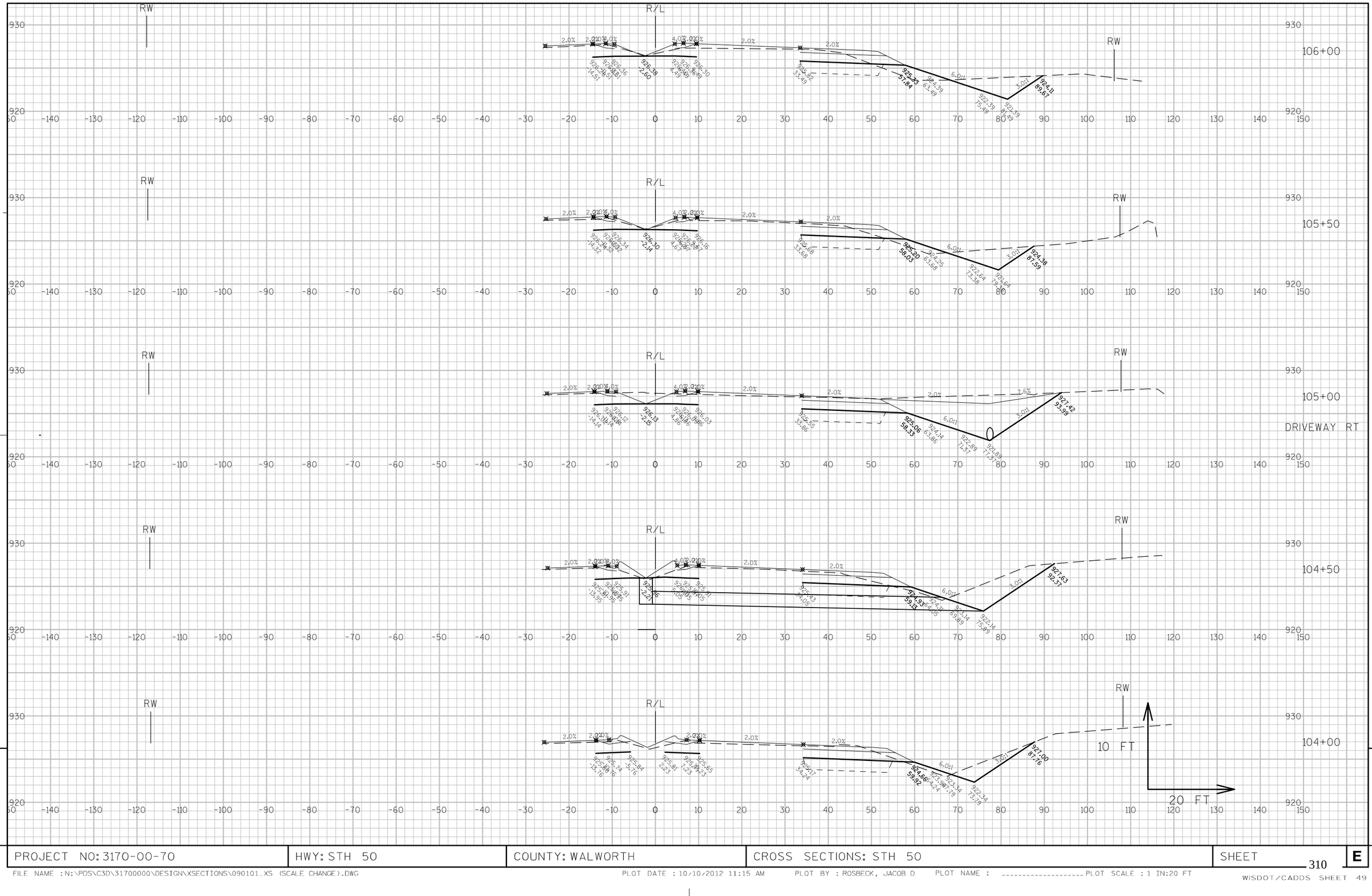
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090101_XS (SCALE CHANGE).DWG PLOT DATE : 10/10/2012 11:15 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT



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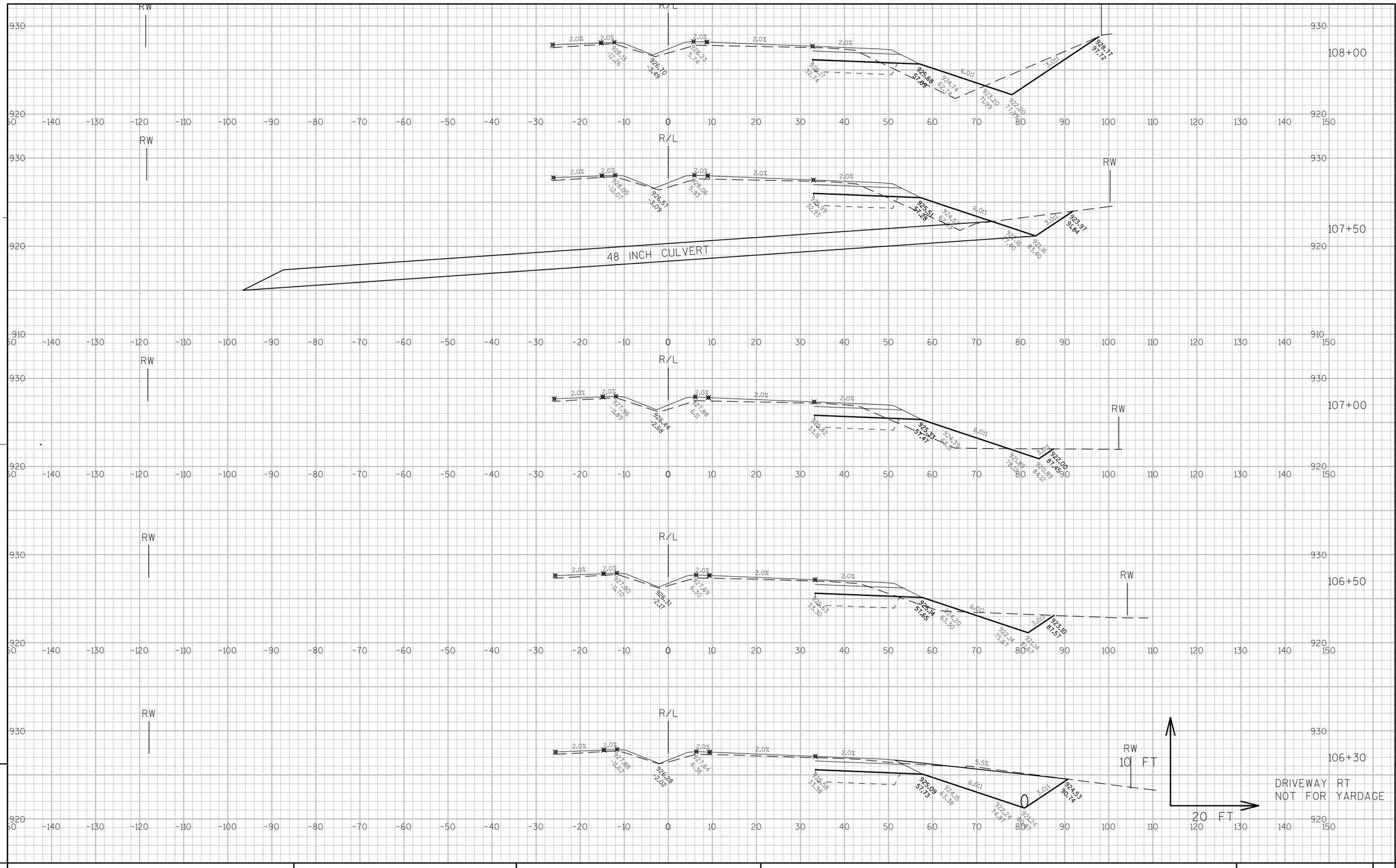
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 309	E



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 310	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090101_XS (SCALE CHANGE).DWG PLOT DATE : 10/10/2012 11:15 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

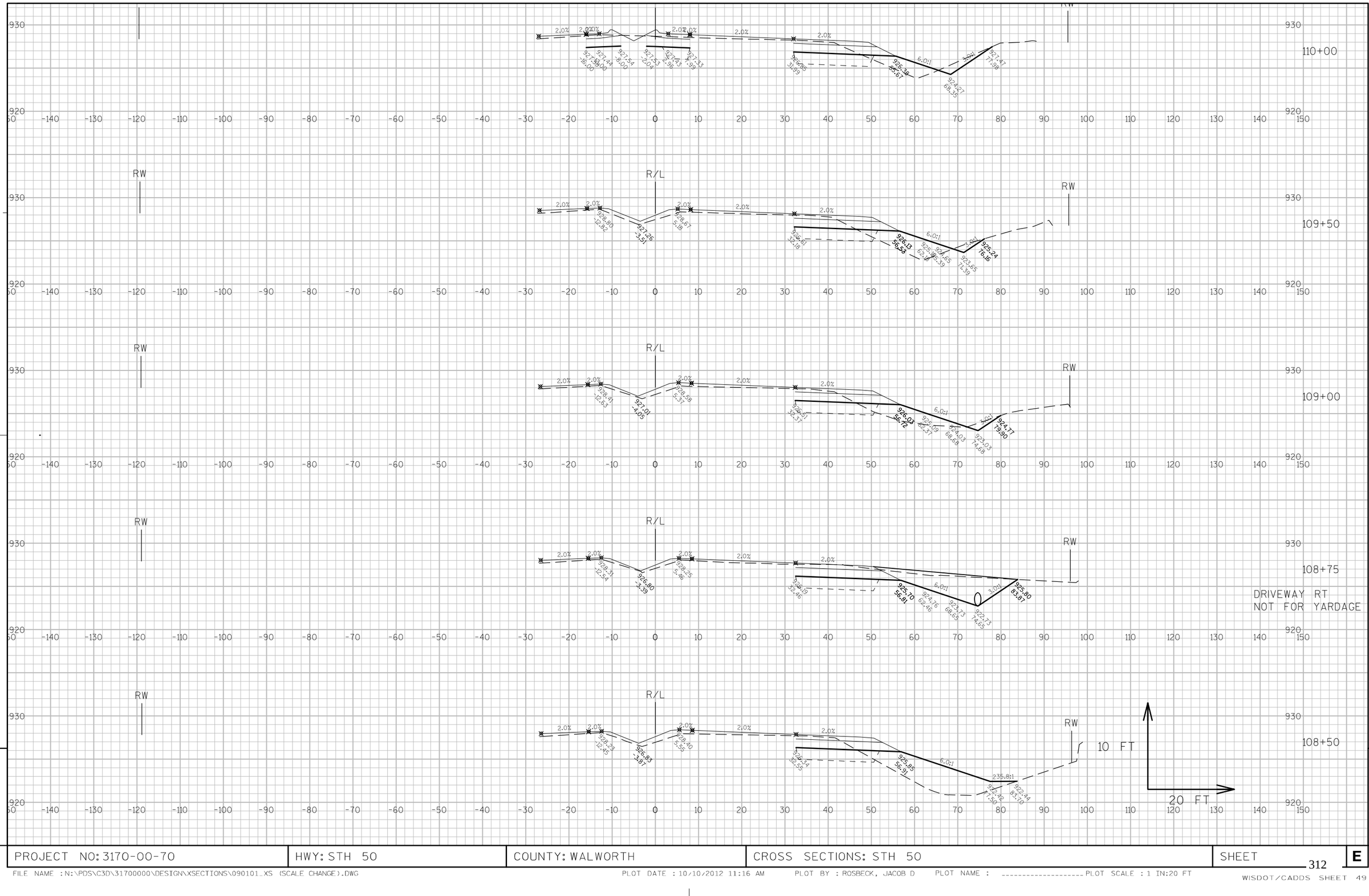
WISDOT/CADDS SHEET 49



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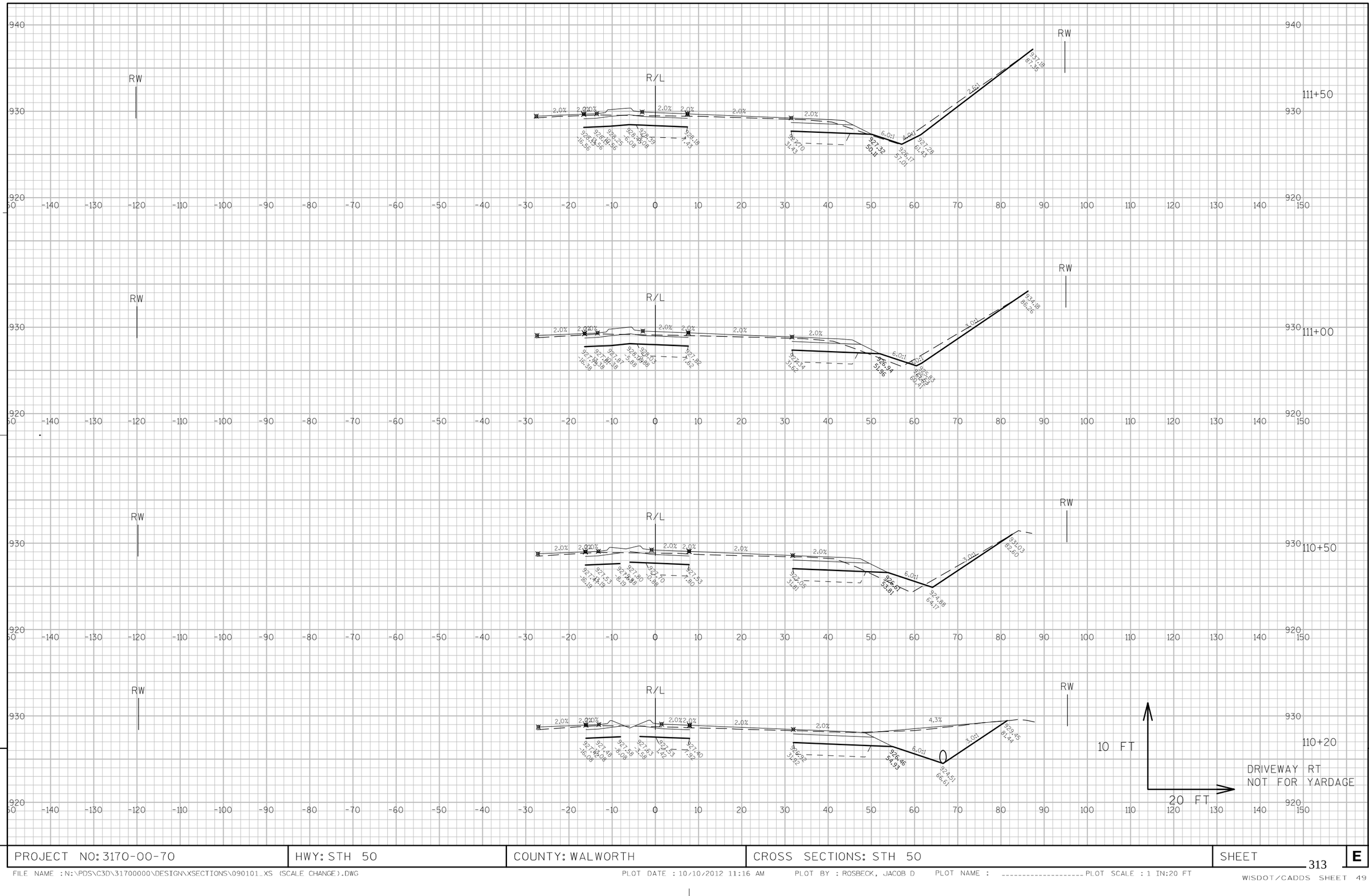
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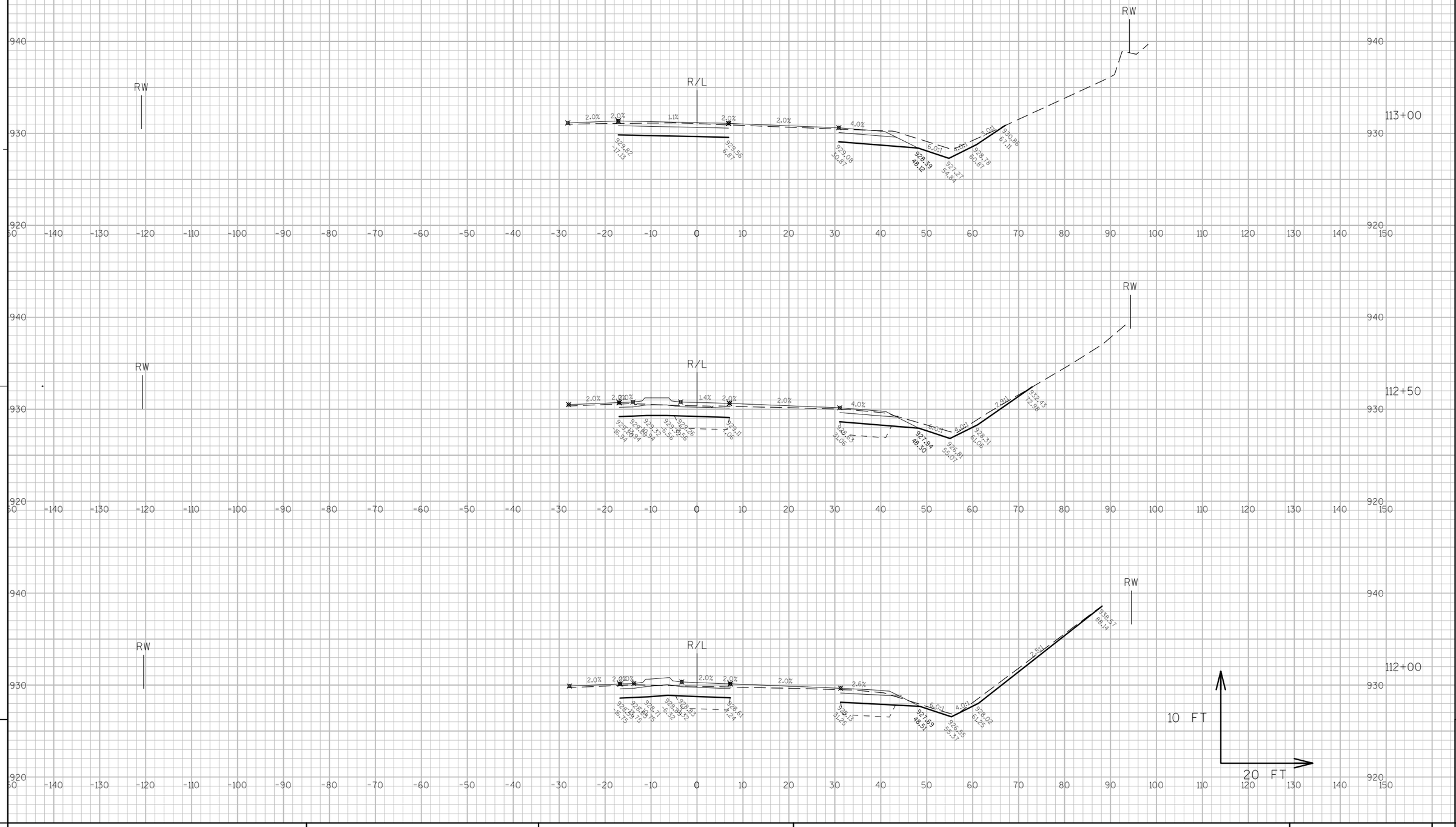
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 312	E



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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 313	E

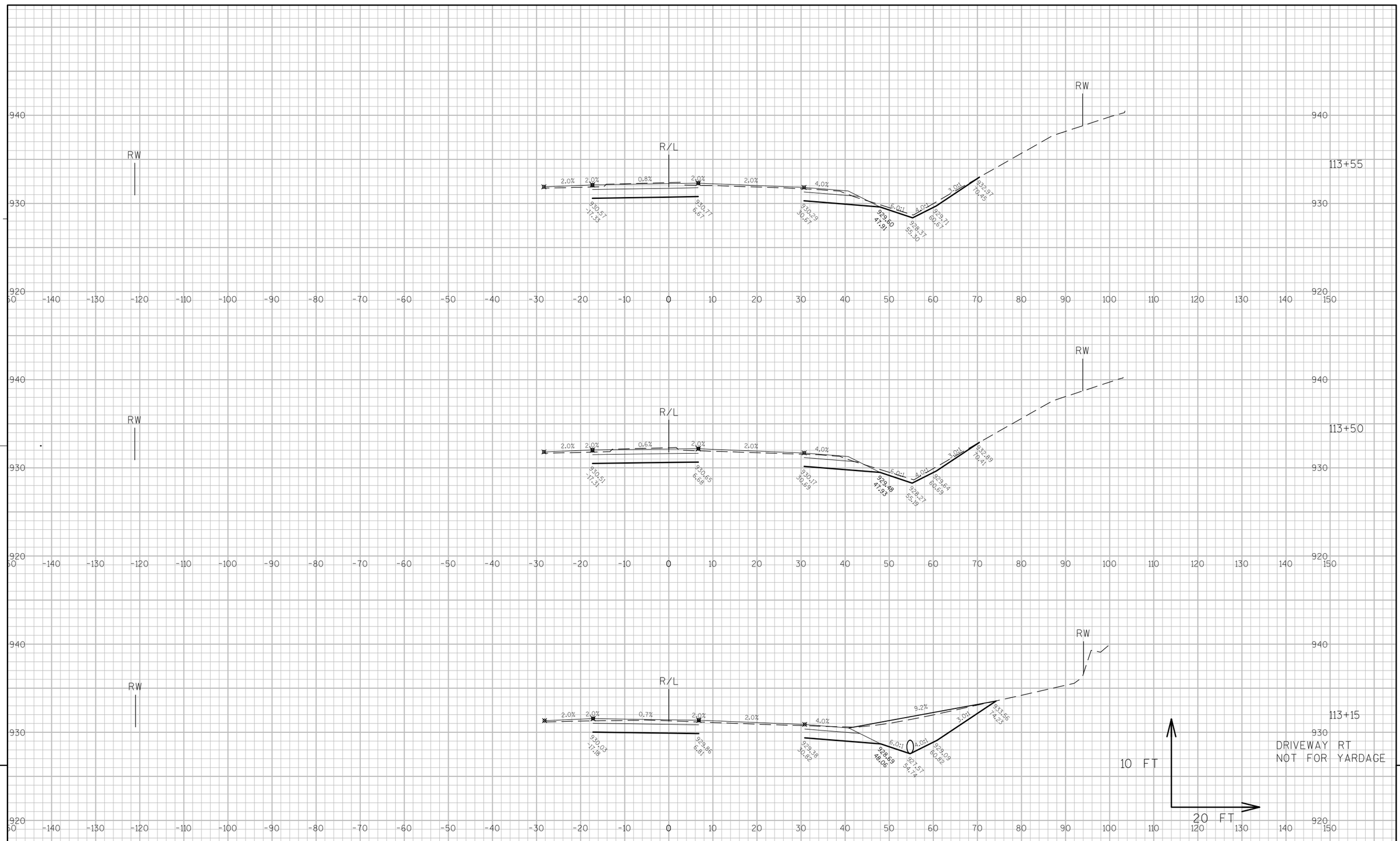


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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET	E

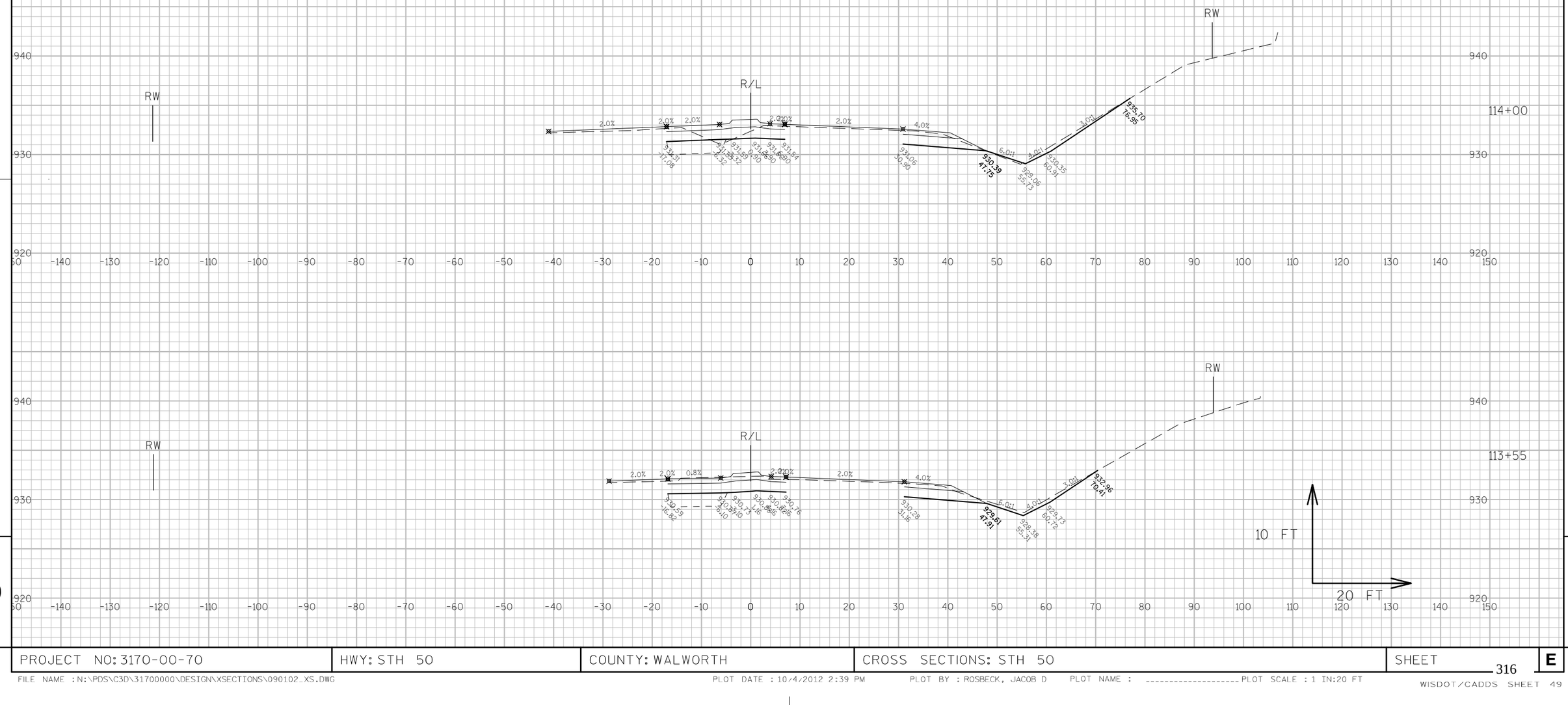
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090101_XS (SCALE CHANGE).DWG PLOT DATE : 10/10/2012 11:16 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 315	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090101_XS (SCALE CHANGE).DWG PLOT DATE : 10/10/2012 11:16 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

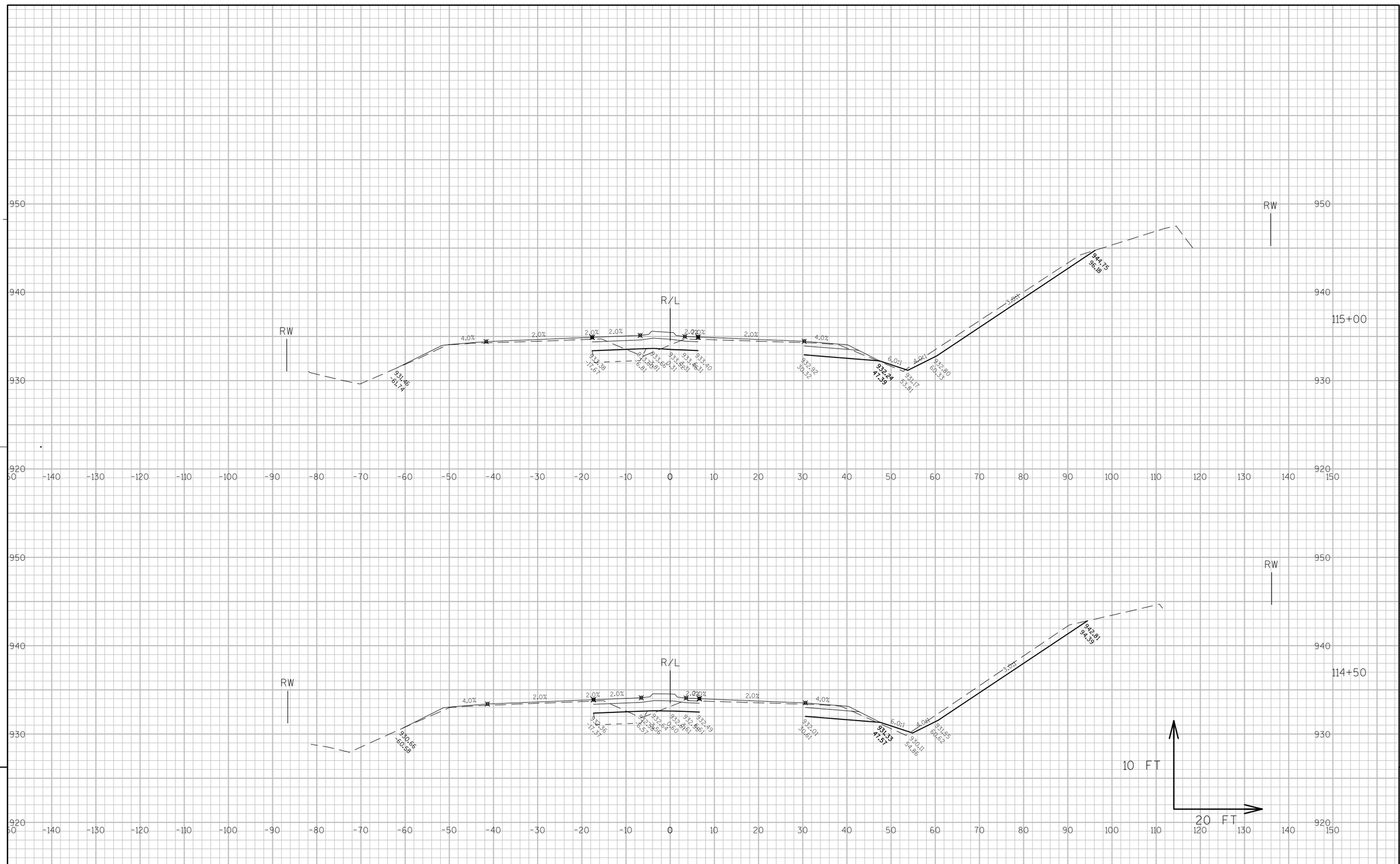
WISDOT/CADDS SHEET 49



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 316	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090102_XS.DWG PLOT DATE : 10/4/2012 2:39 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

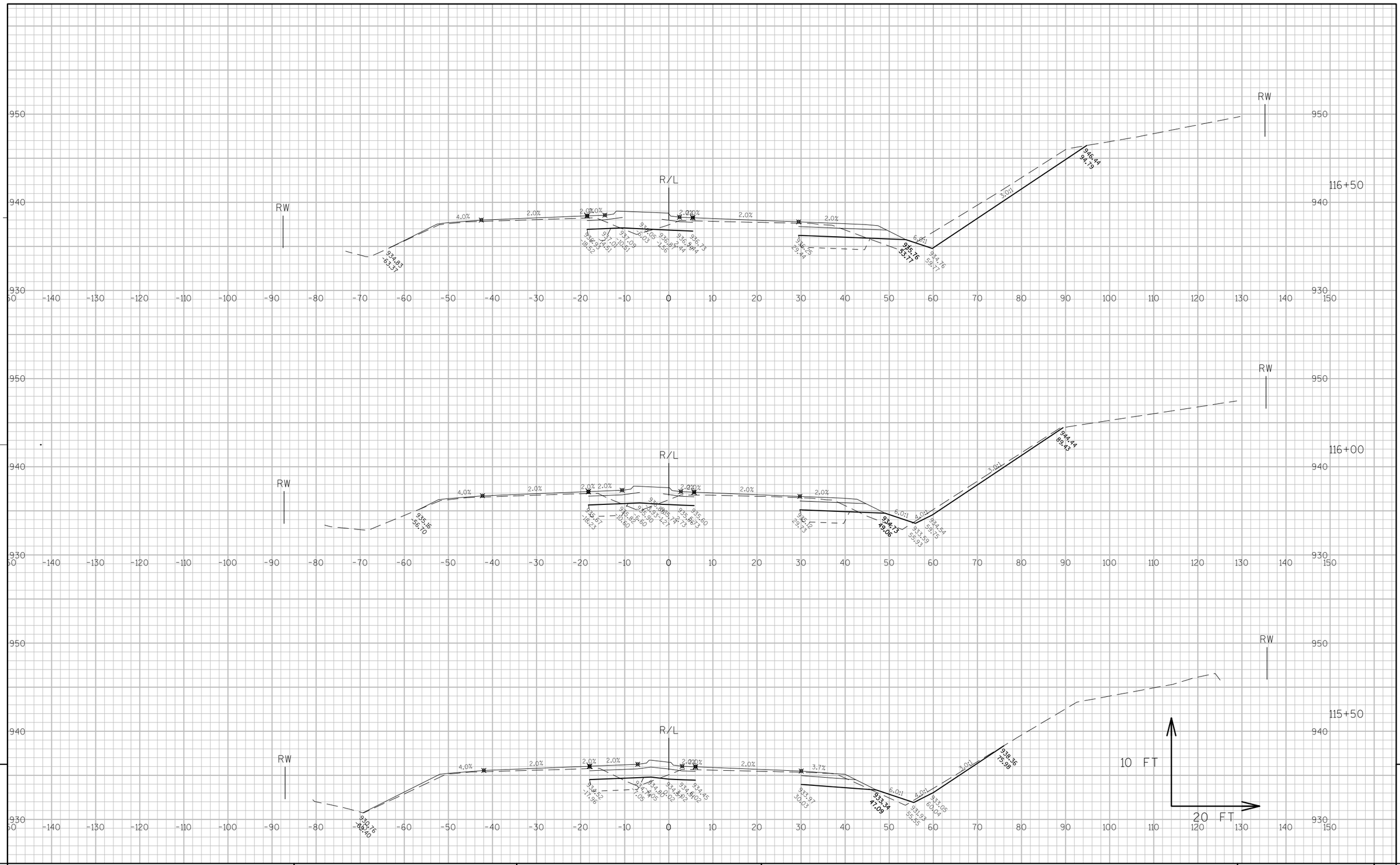
WISDOT/CADDS SHEET 49



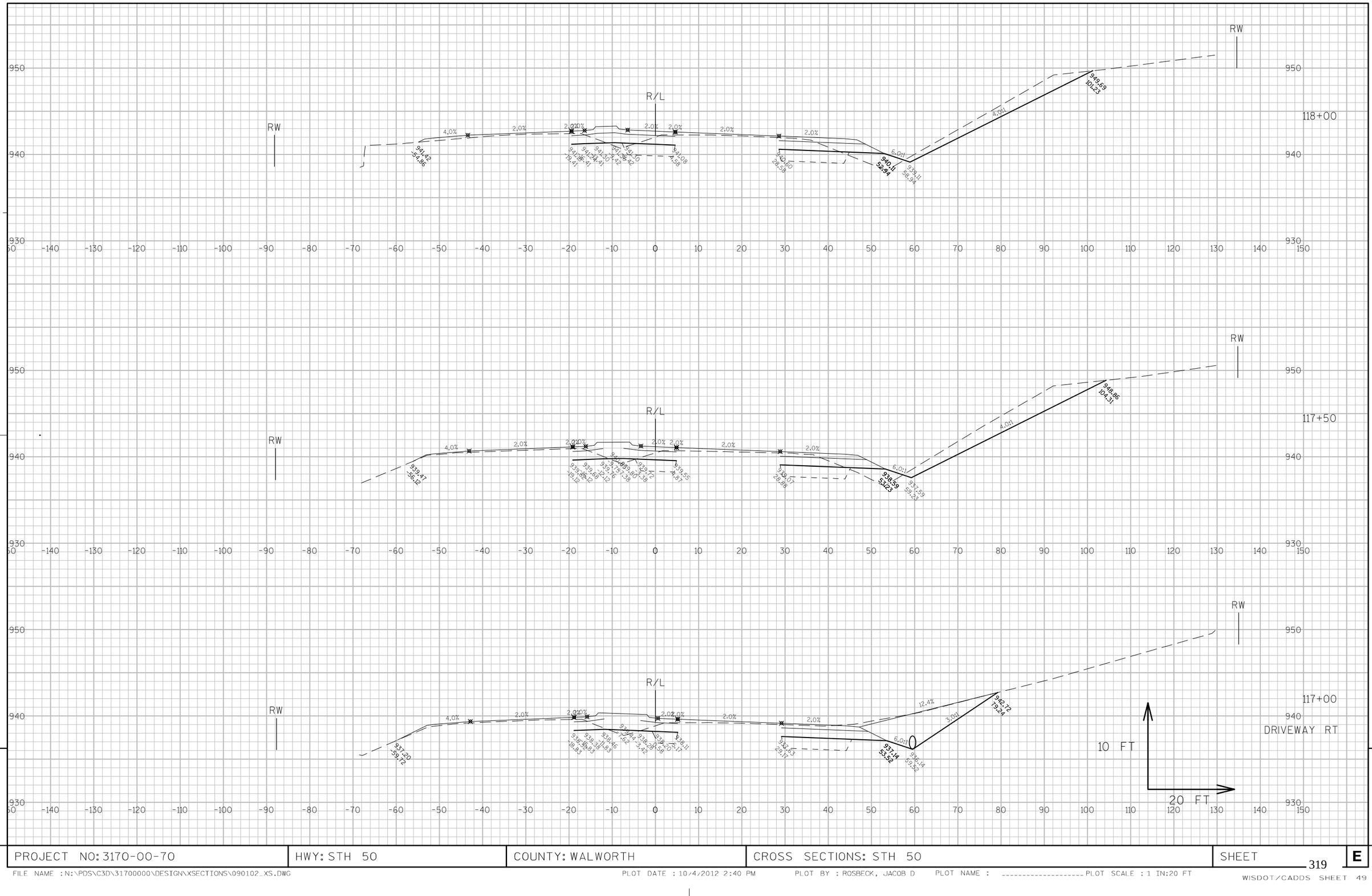
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 317	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090102_XS.DWG PLOT DATE : 10/4/2012 2:40 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 318	E



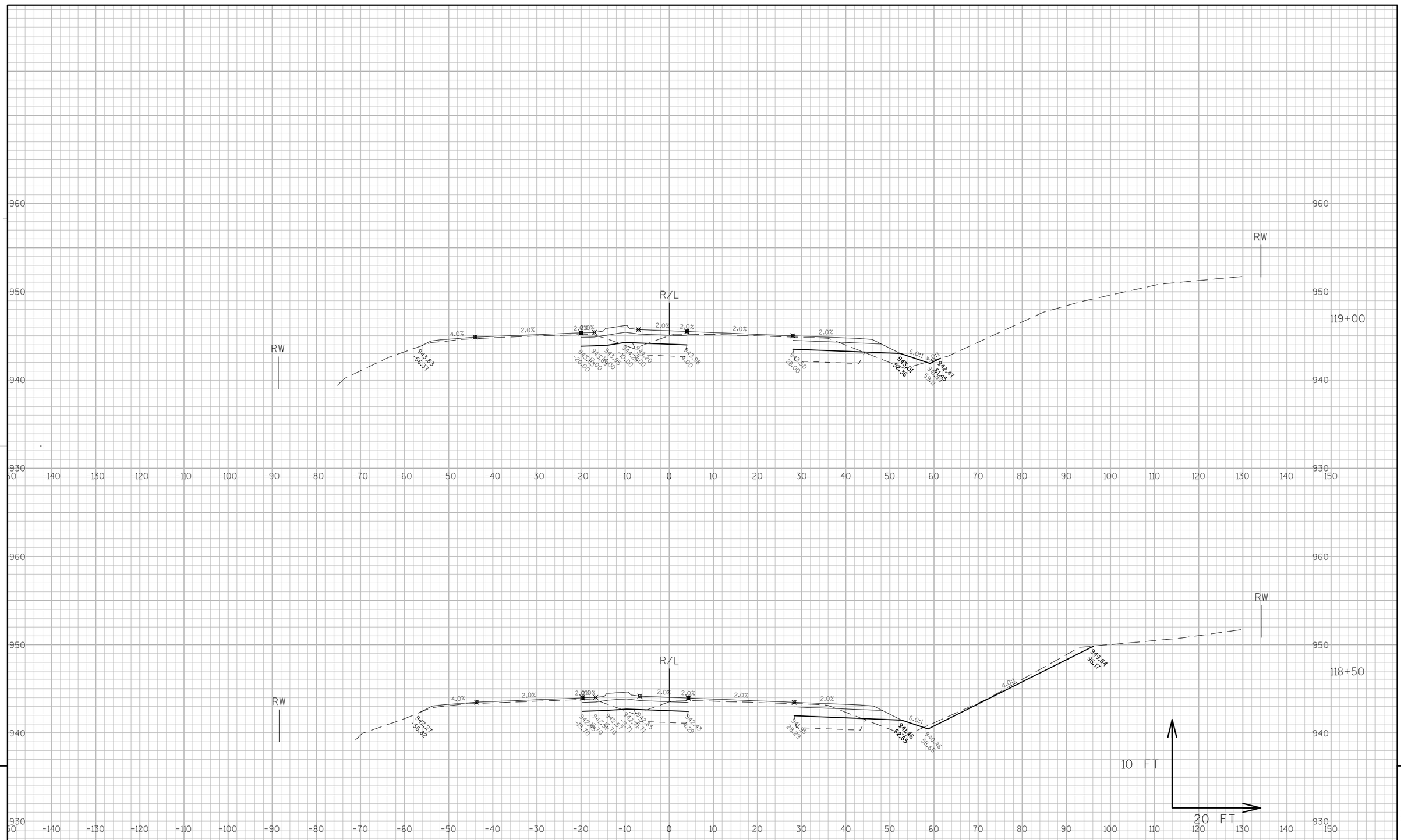
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 319	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090102_XS.DWG PLOT DATE : 10/4/2012 2:40 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : PLOT SCALE : 1 IN:20 FT

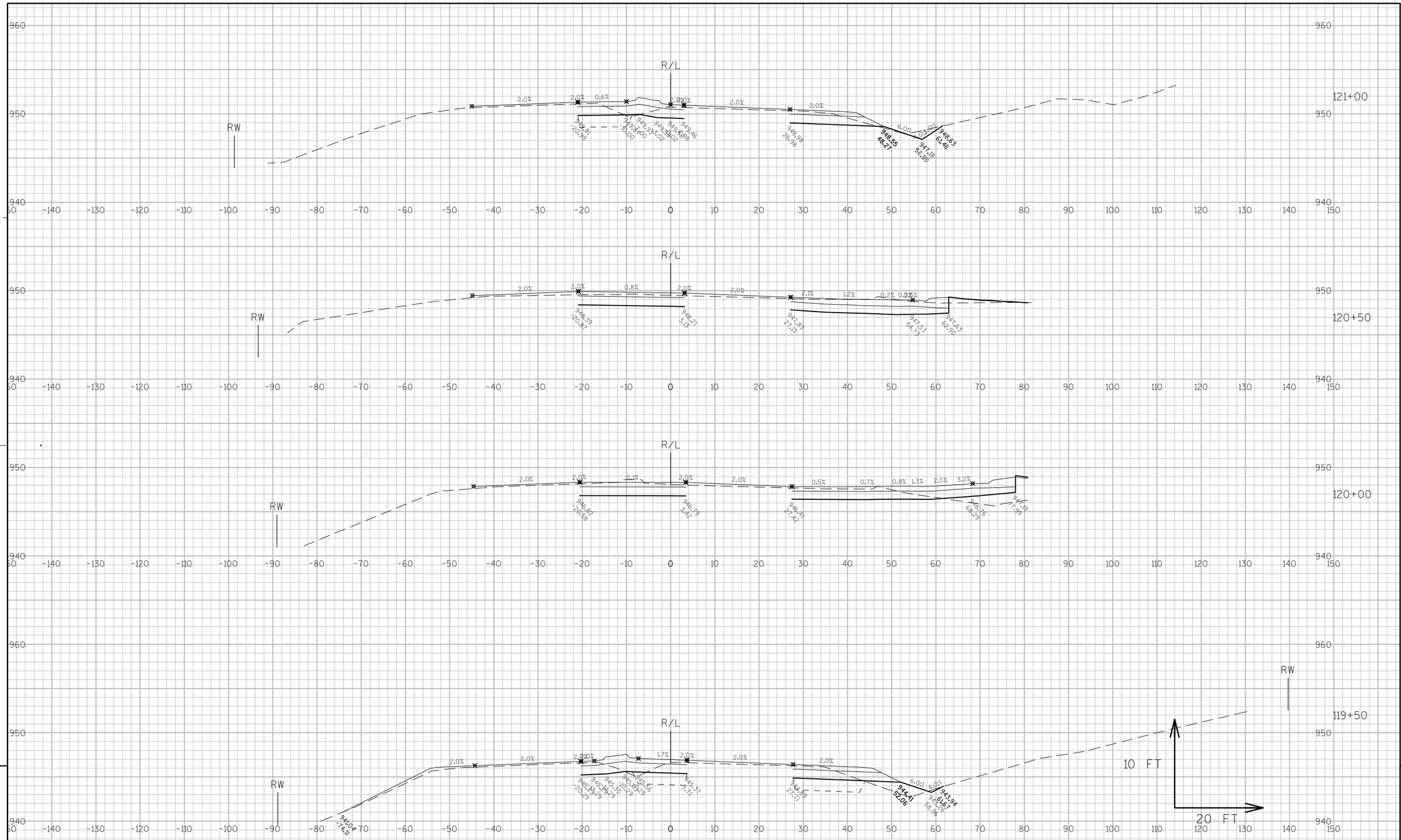
WISDOT/CADDS SHEET 49



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 320	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090102_XS.DWG PLOT DATE : 10/4/2012 2:40 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT

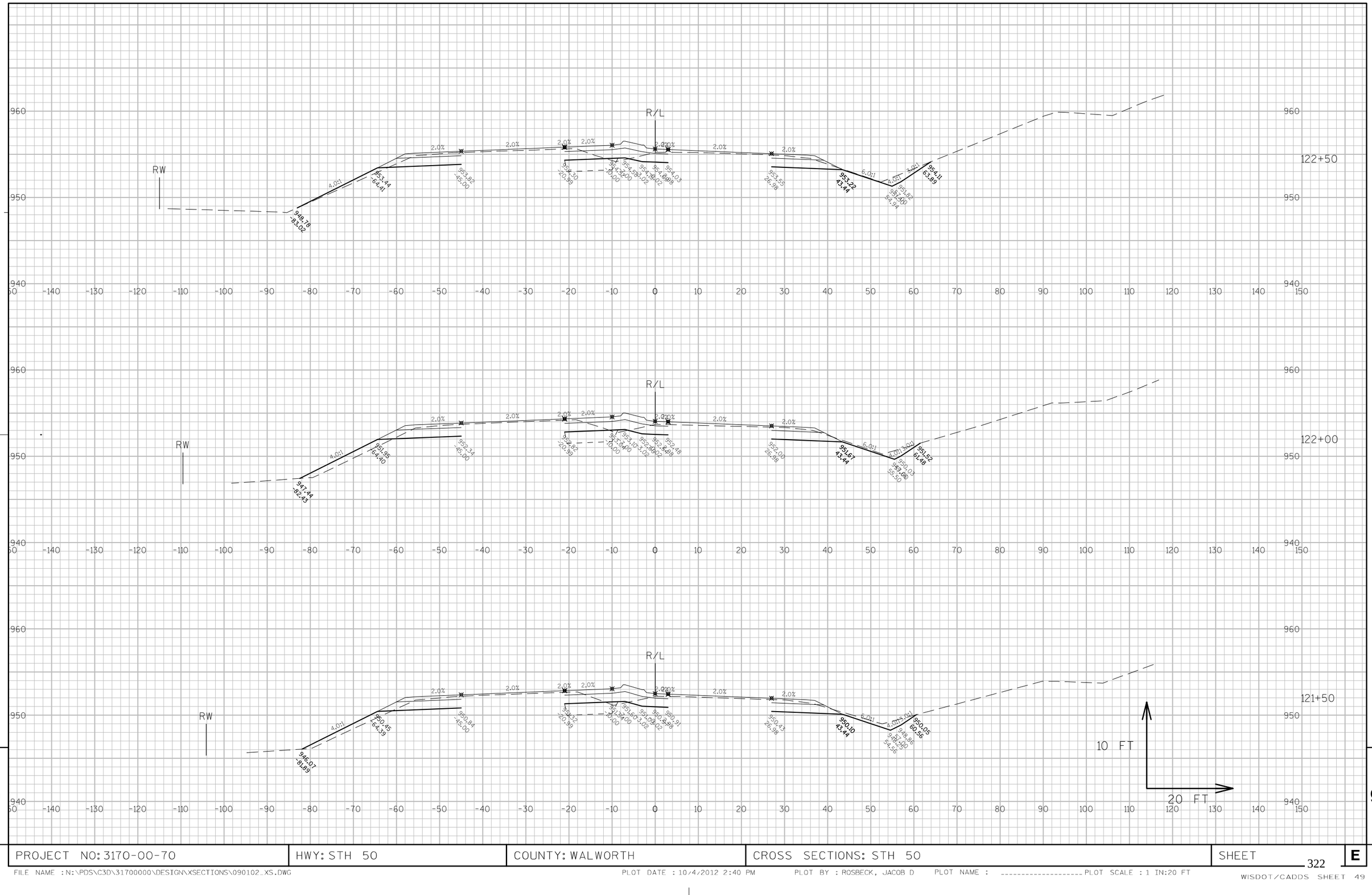
WISDOT/CADDS SHEET 49



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 321	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090102_XS.DWG PLOT DATE : 10/4/2012 2:40 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

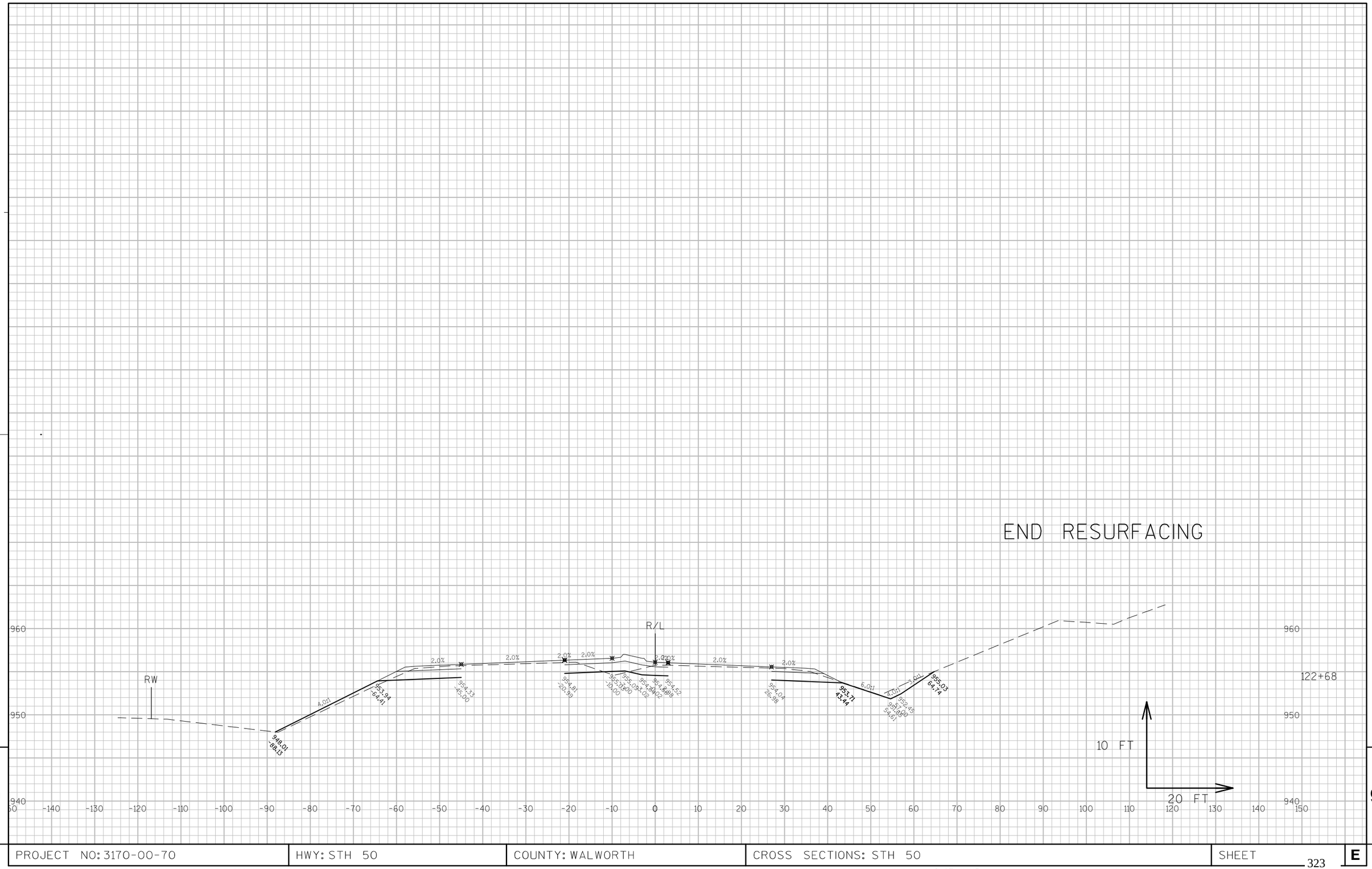
WISDOT/CADDS SHEET 49



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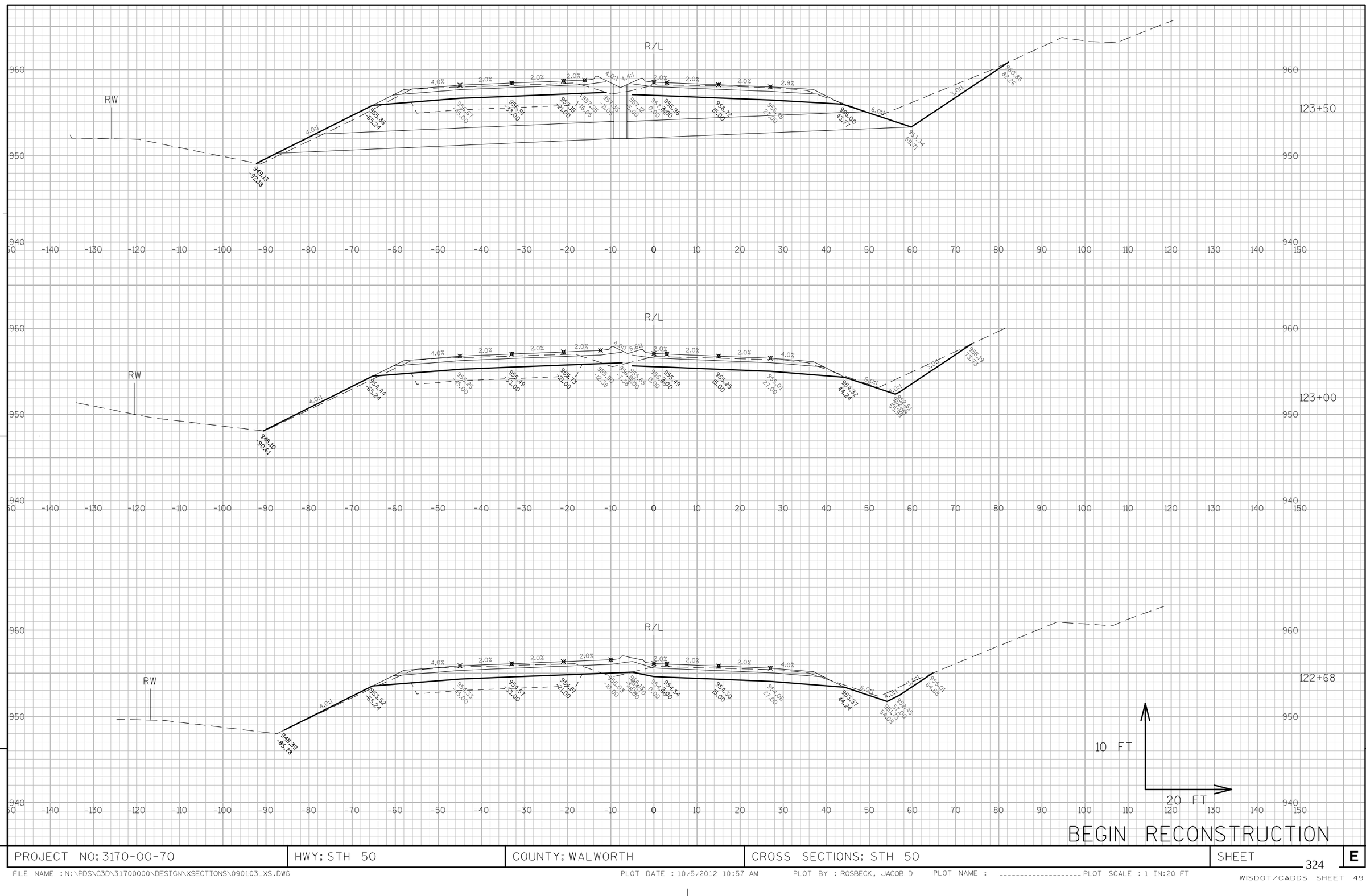
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090102_XS.DWG PLOT DATE : 10/4/2012 2:40 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT



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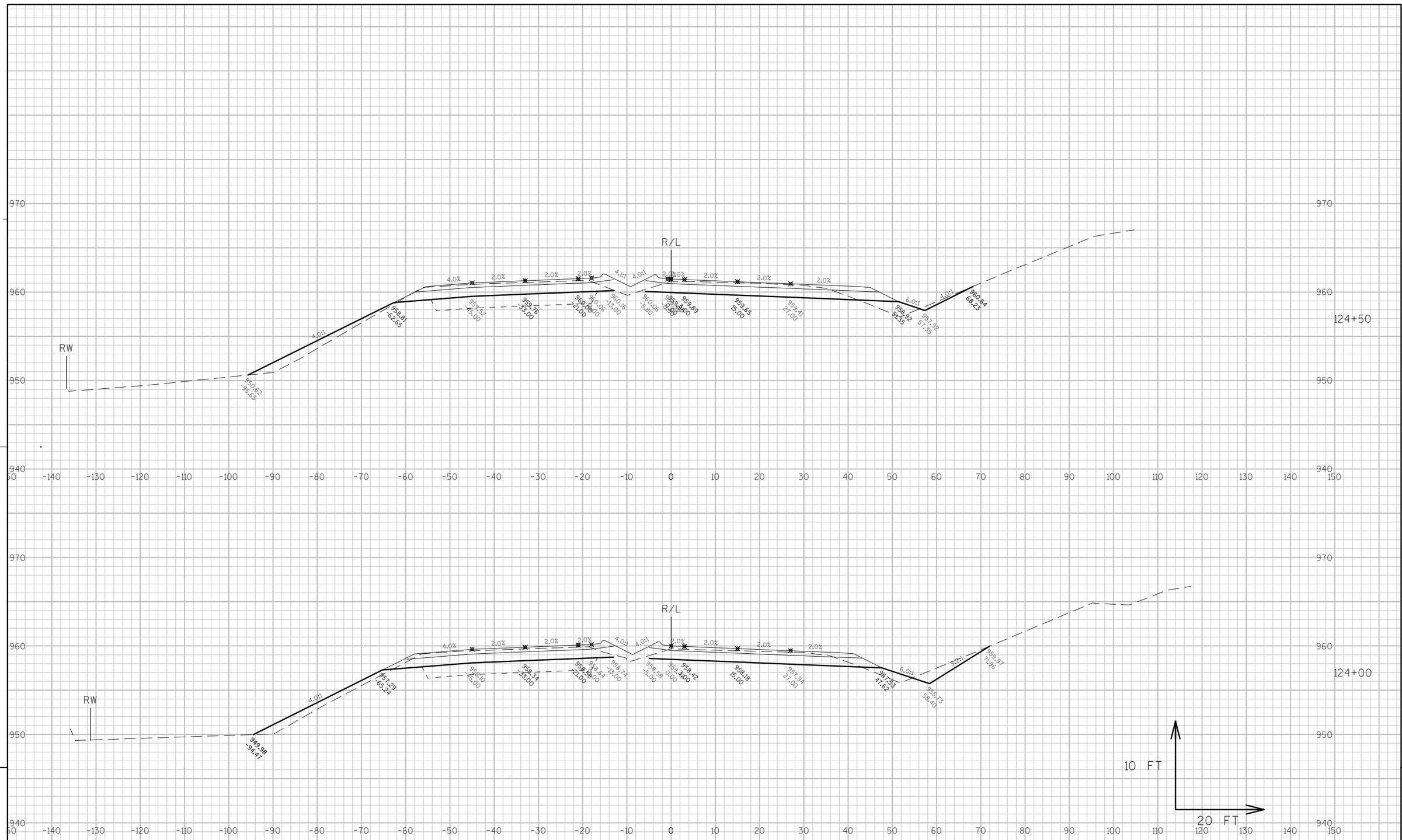
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 323	E



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 324	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/5/2012 10:57 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

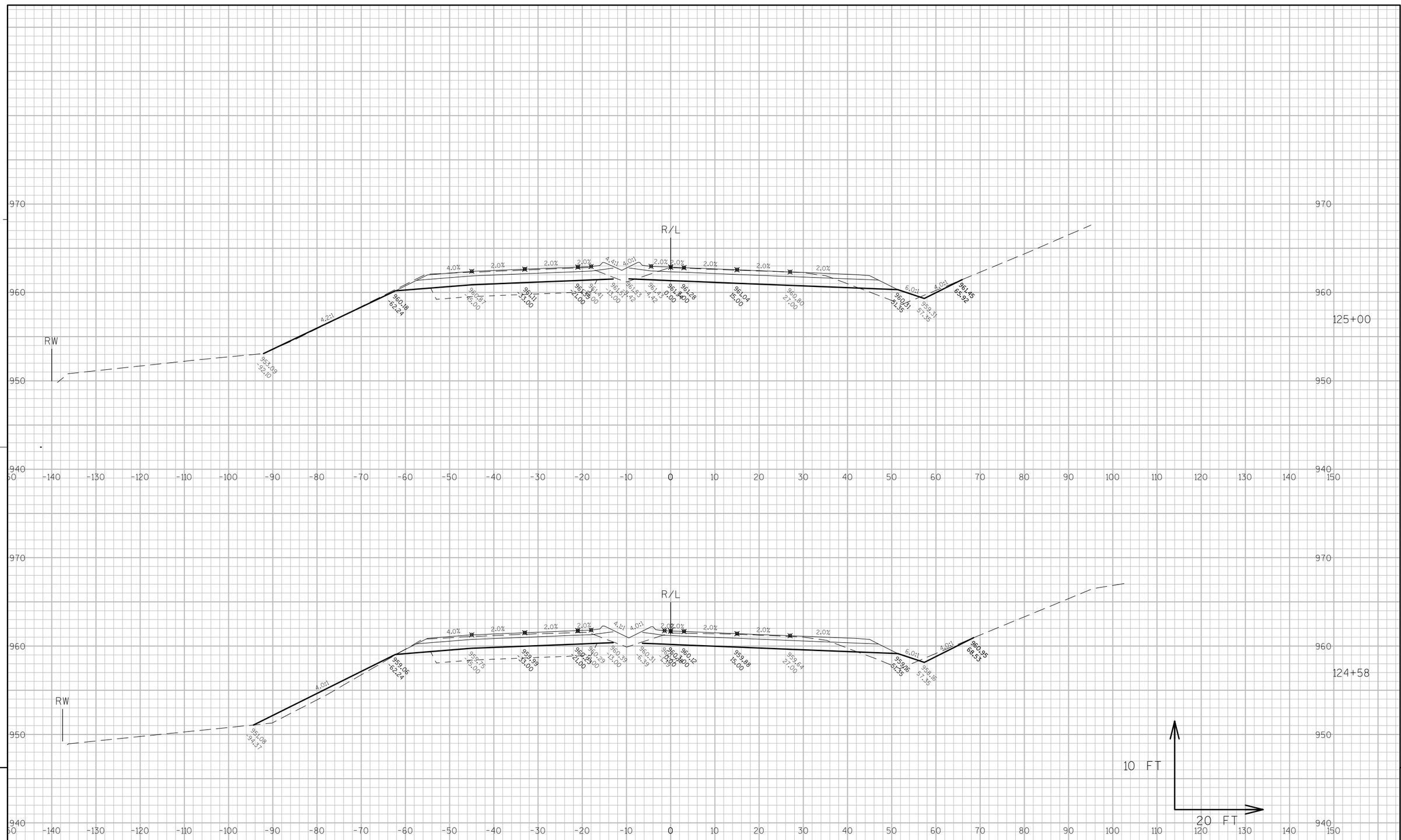
WISDOT/CADDS SHEET 49



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 325	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/5/2012 10:57 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

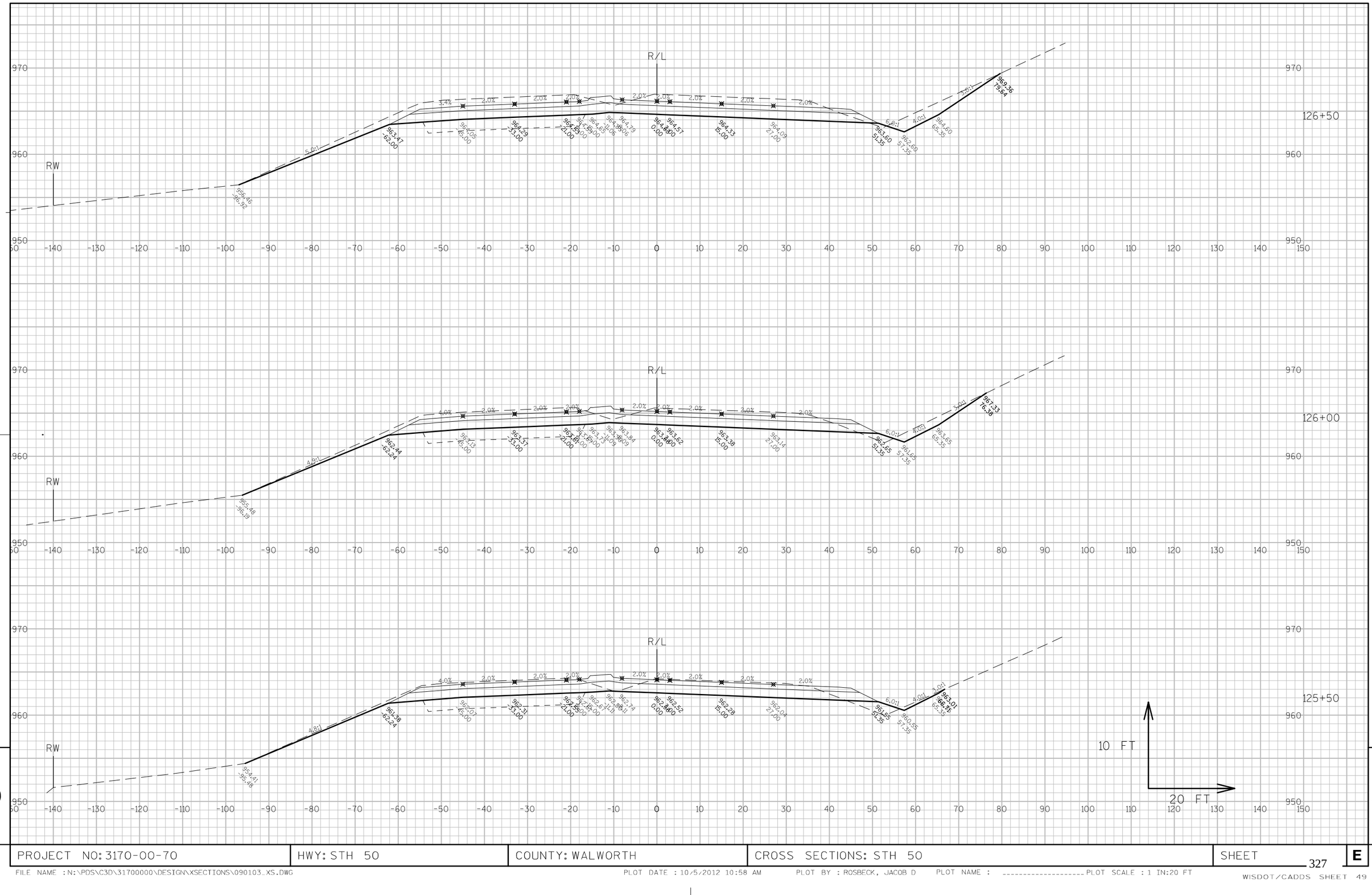


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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET	E

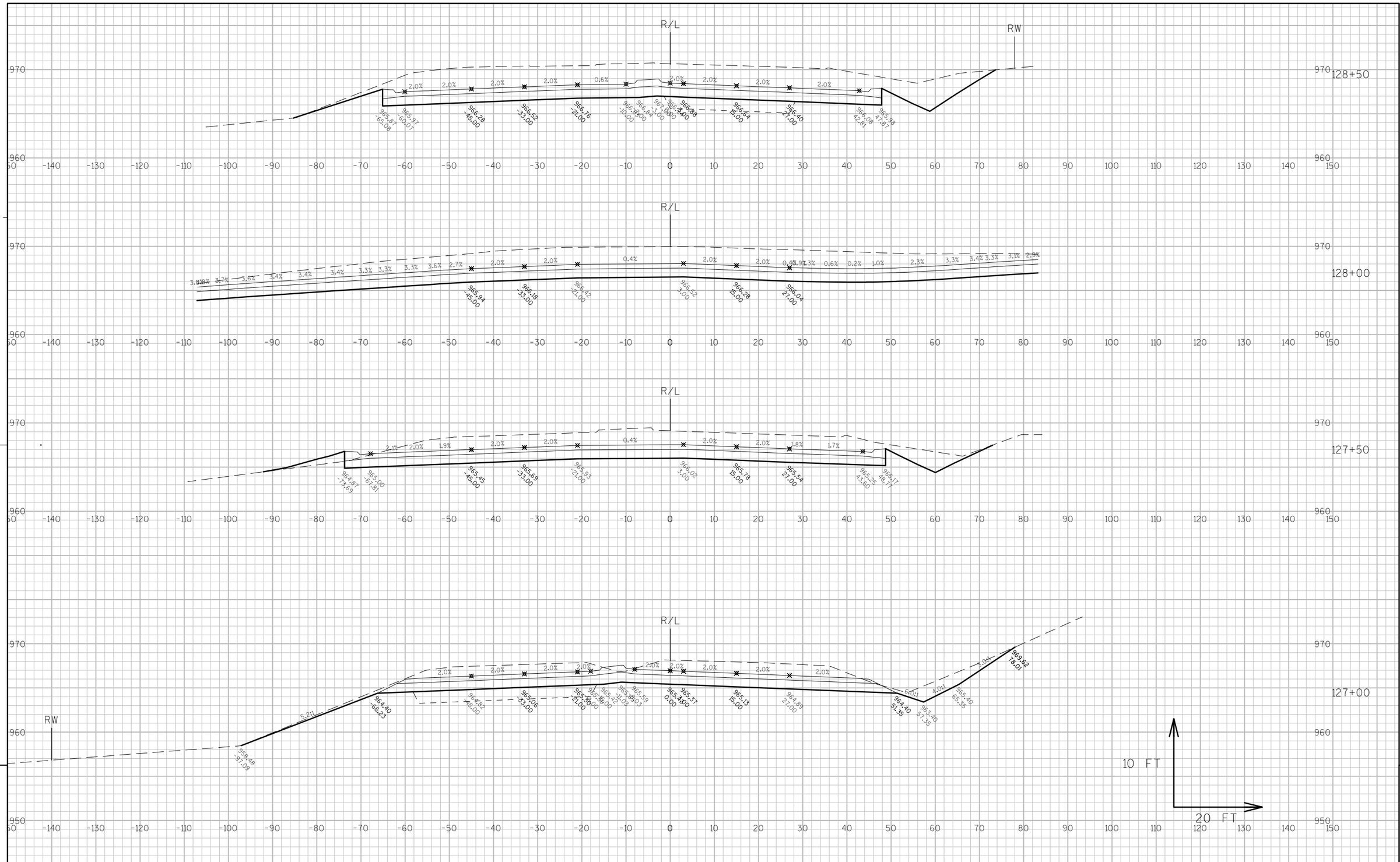
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/5/2012 10:58 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT



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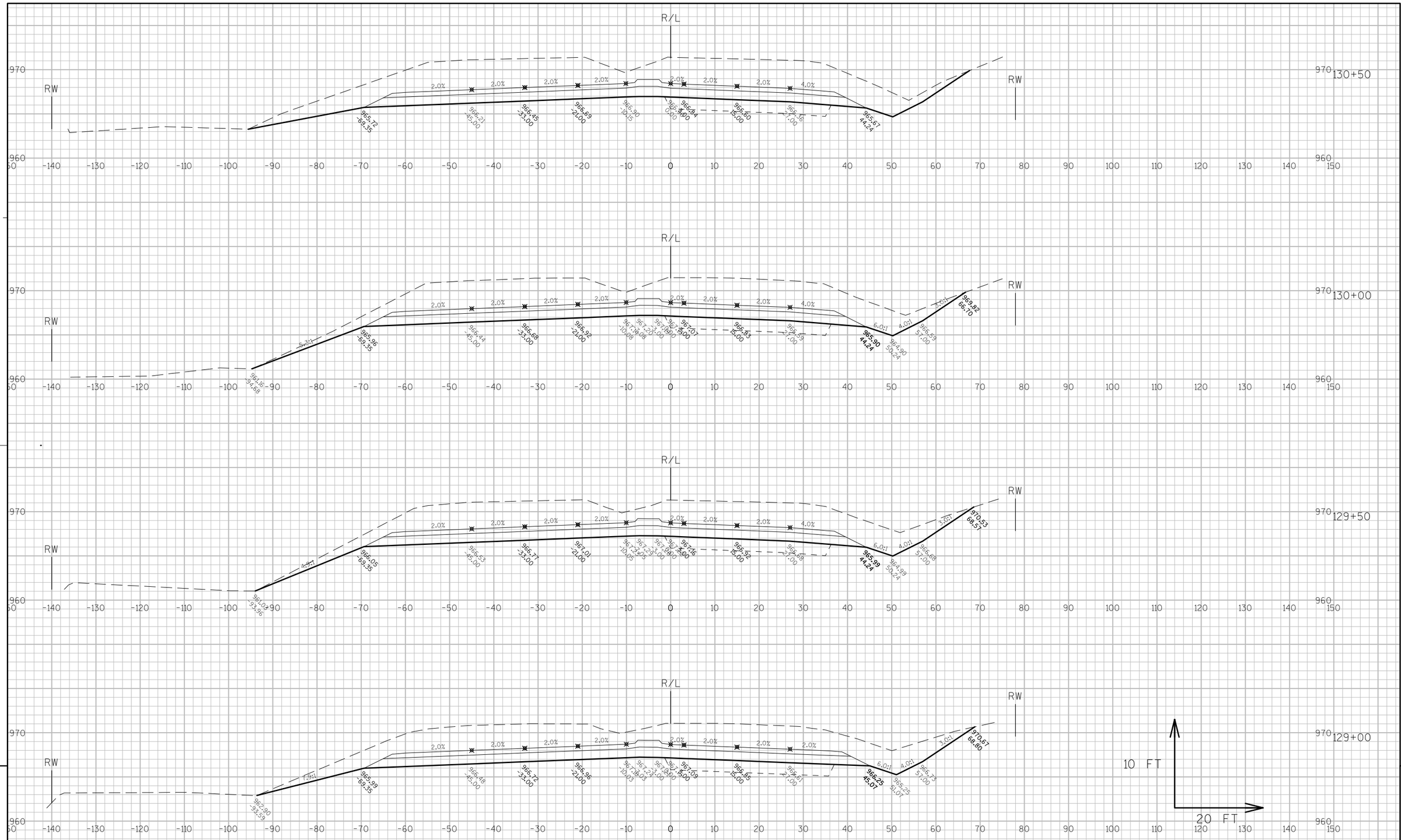
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 327	E



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 328	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/5/2012 10:58 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT

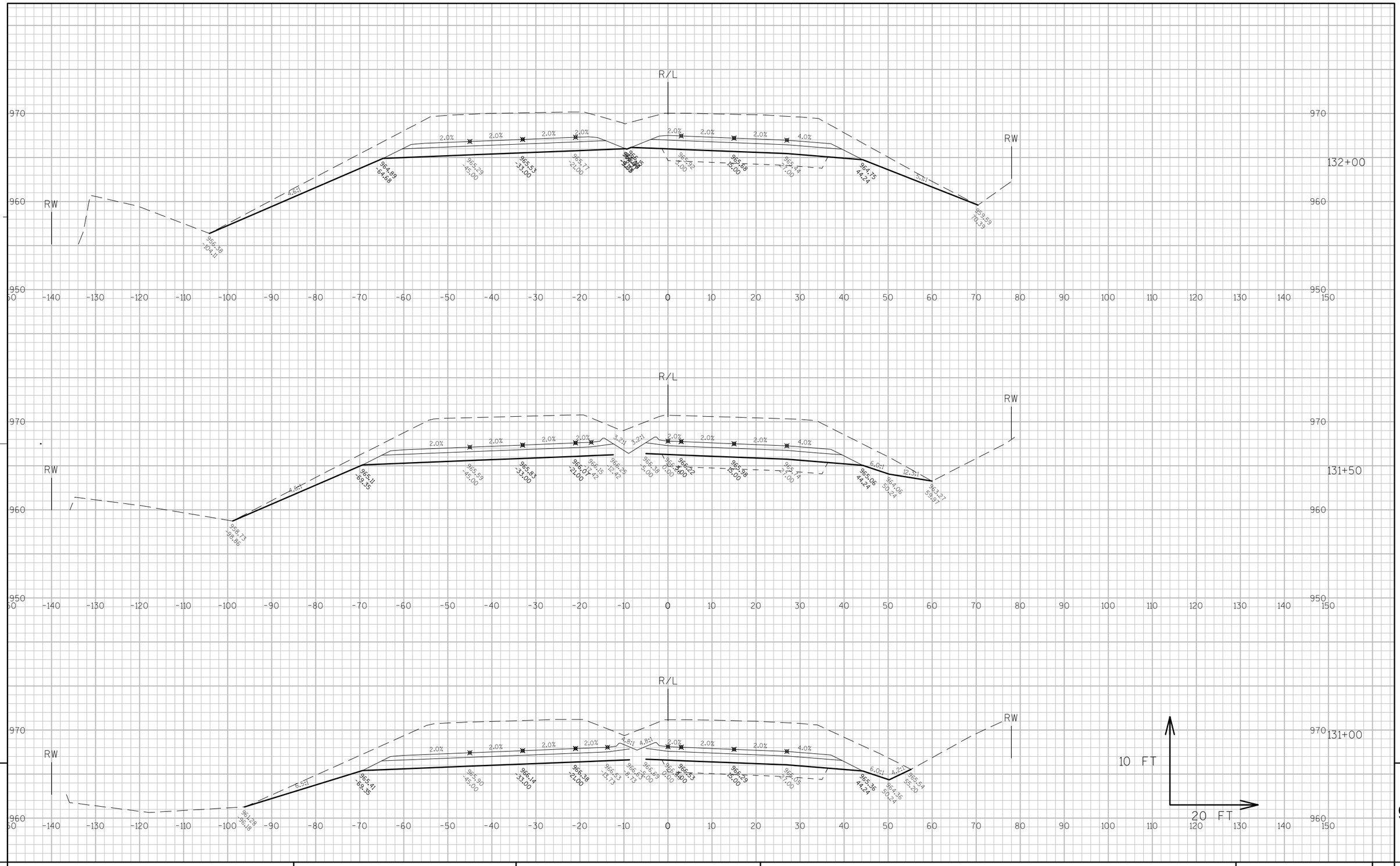
WISDOT/CADDS SHEET 49



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 329	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/5/2012 10:58 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT

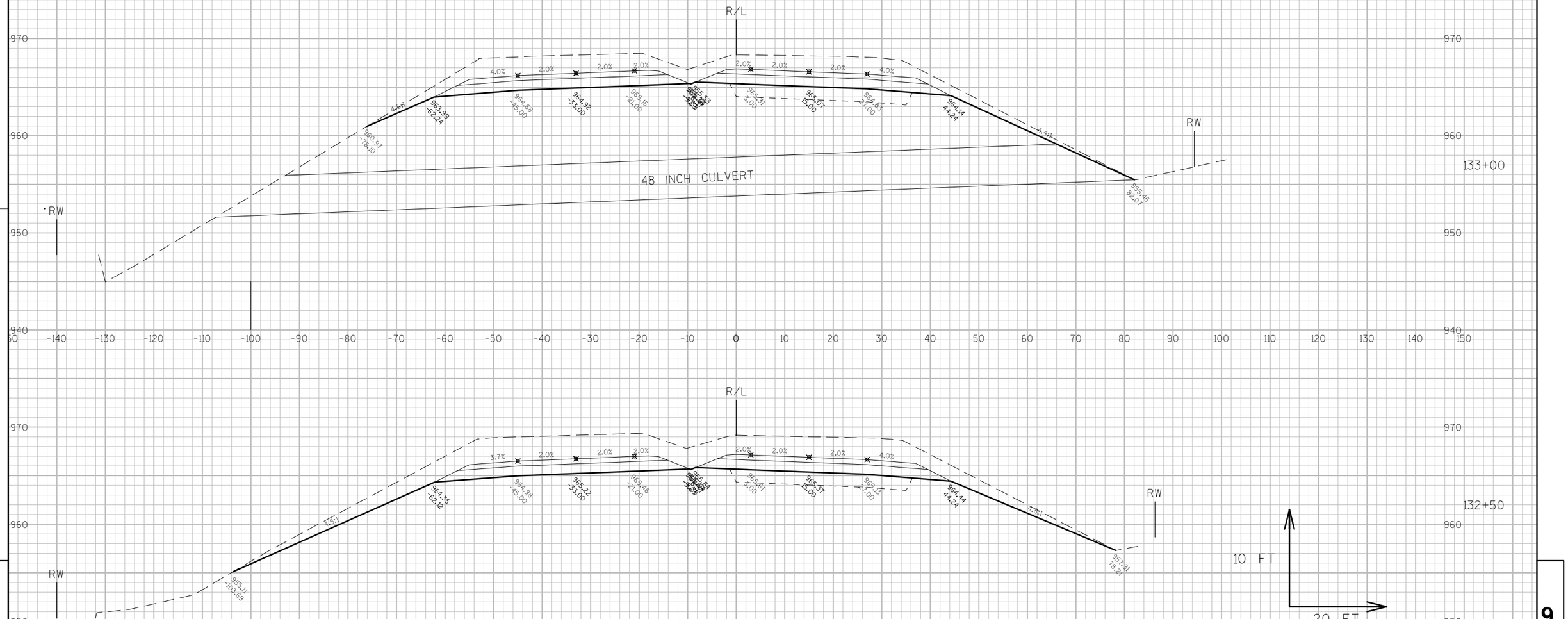
WISDOT/CADDS SHEET 49



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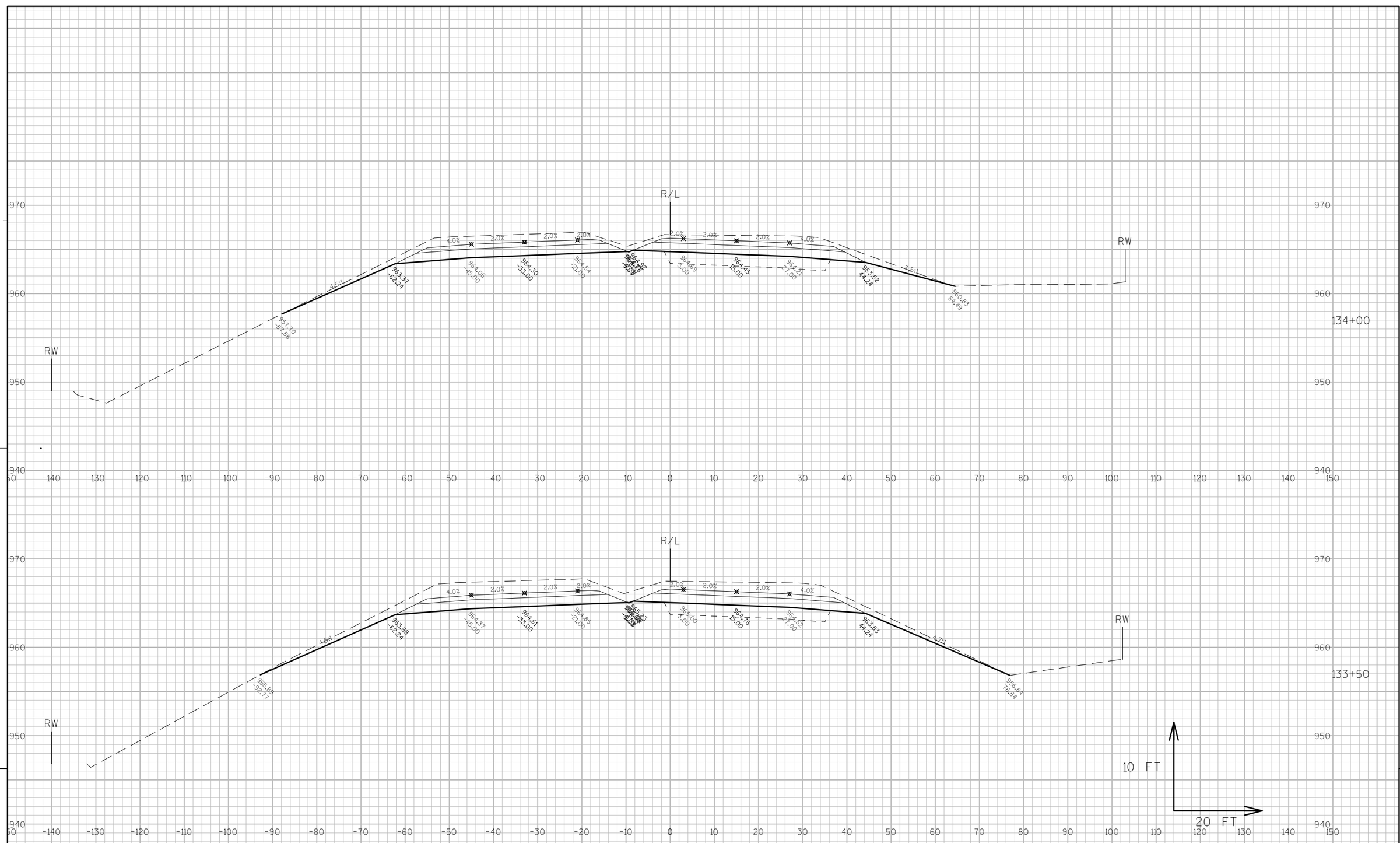
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 330	E



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 331	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/5/2012 10:59 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

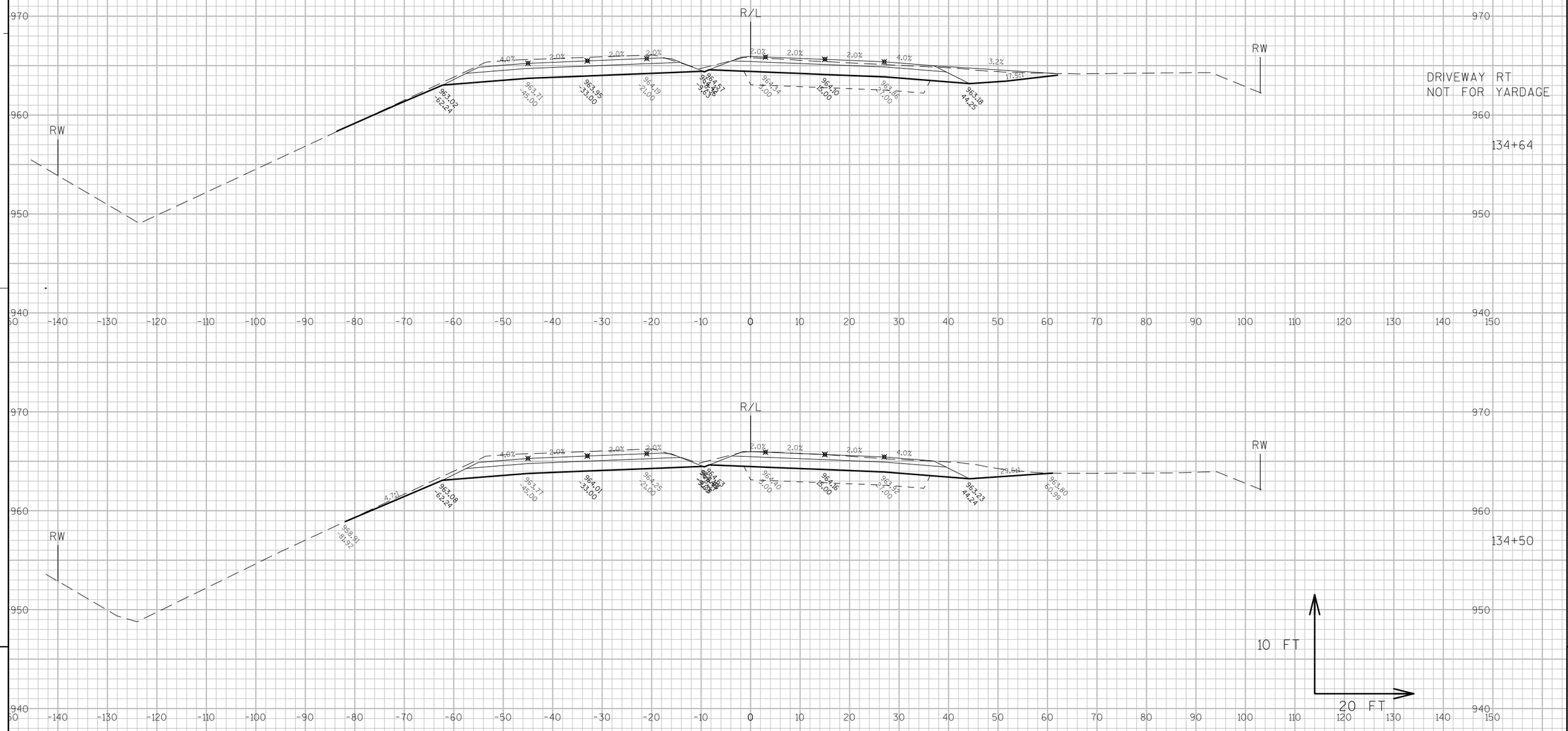
WISDOT/CADDS SHEET 49



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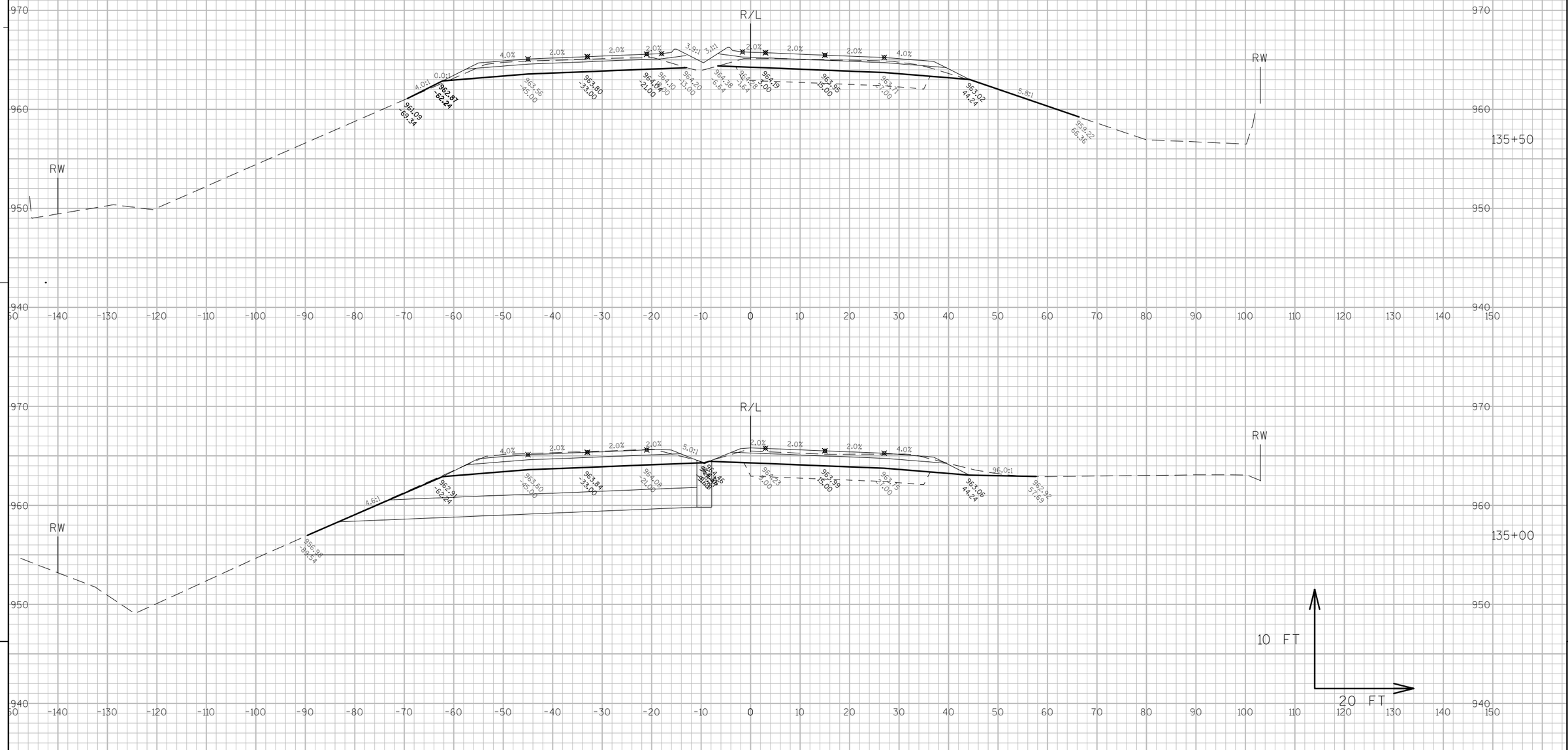
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 332	E



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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 333	E

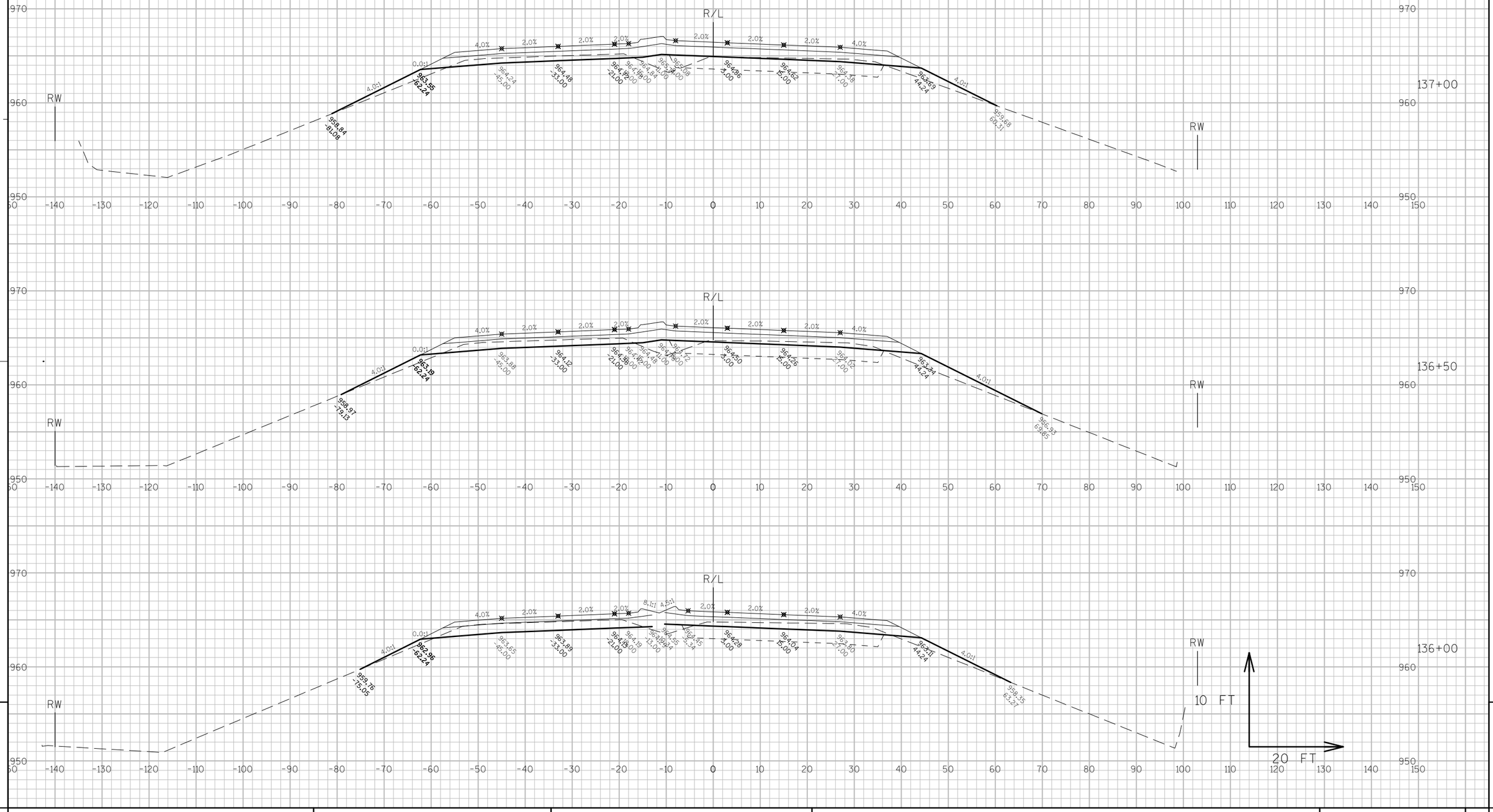


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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 334	E

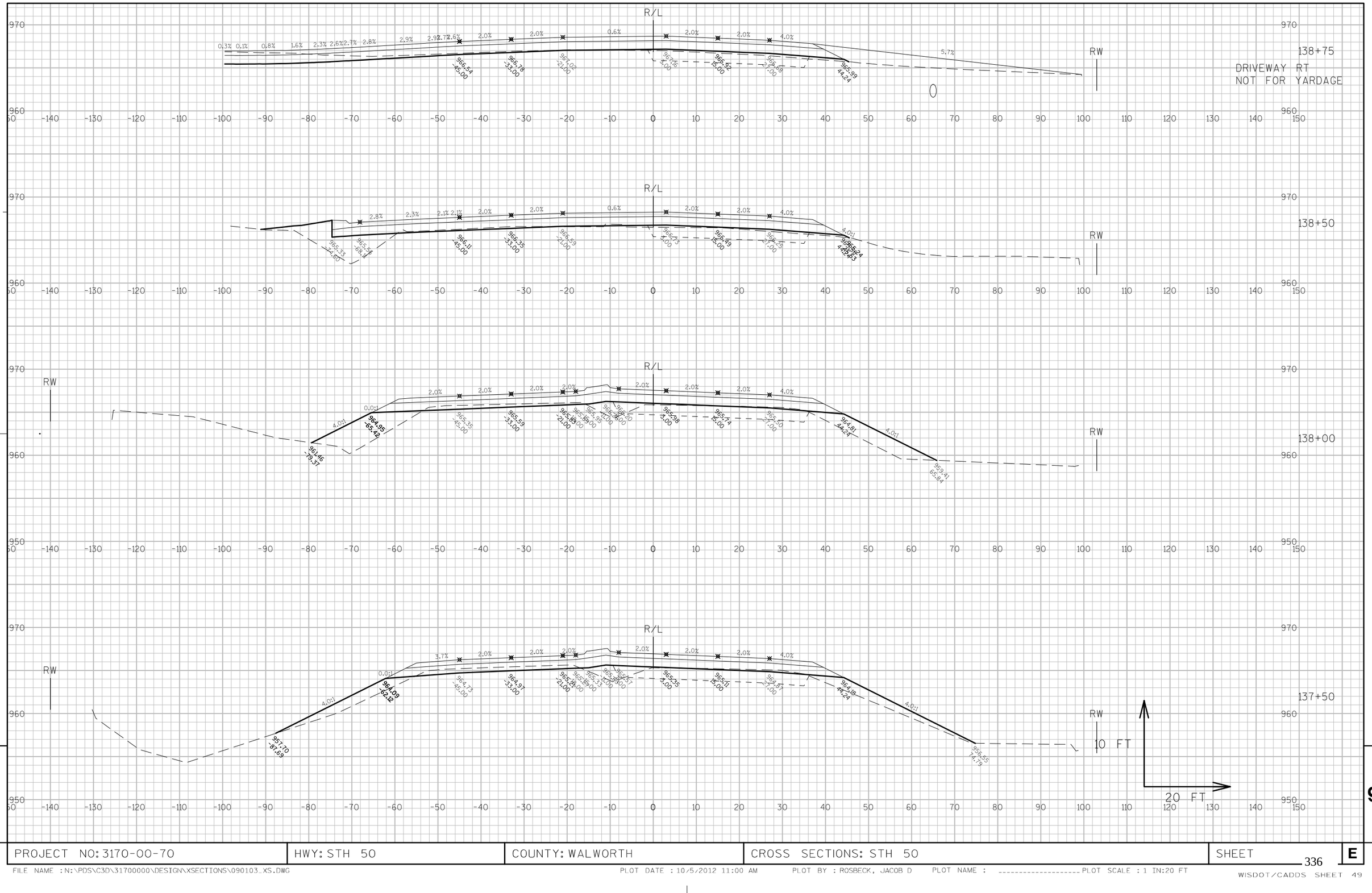
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/5/2012 10:59 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 335	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/5/2012 10:59 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

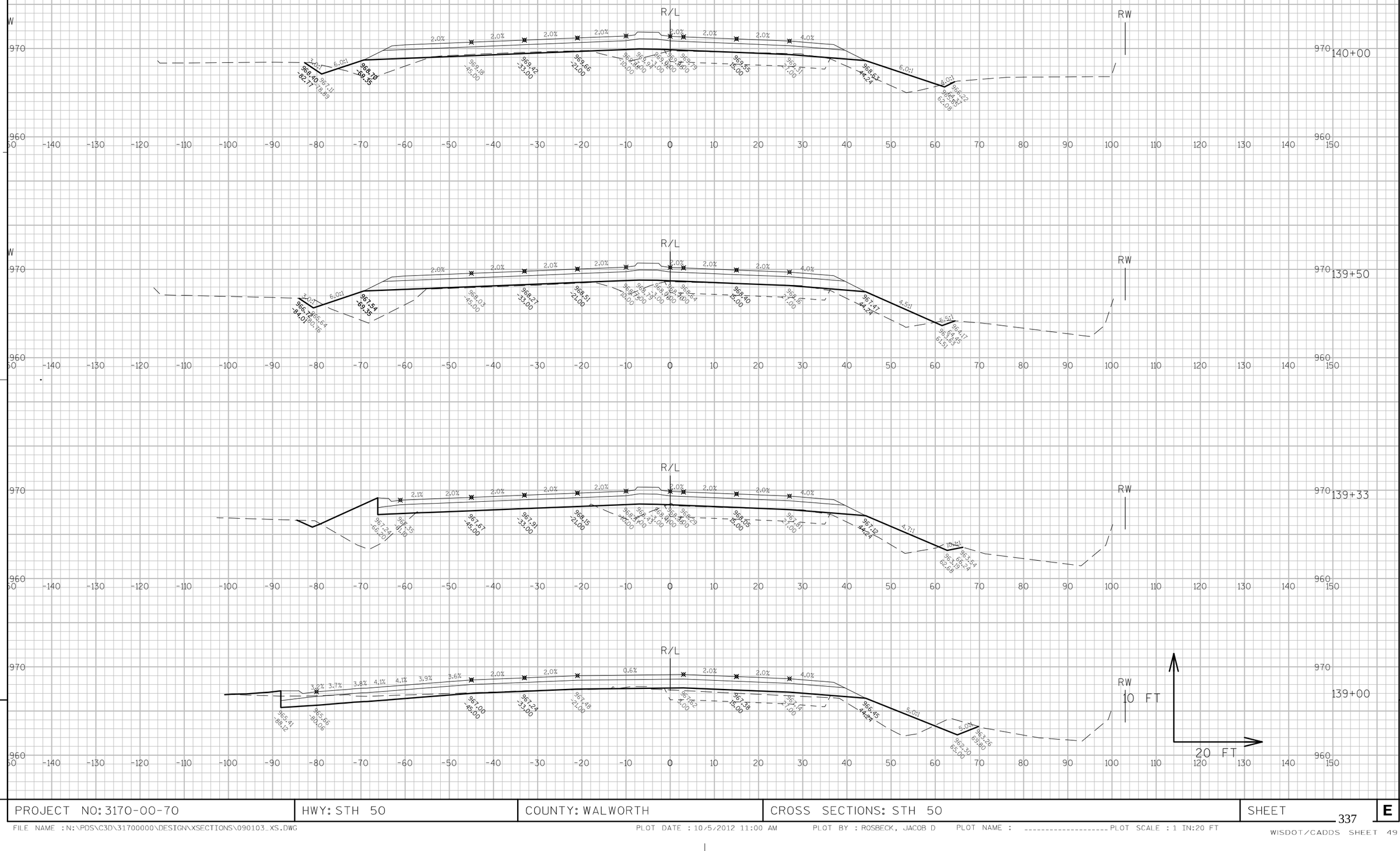
WISDOT/CADDS SHEET 49



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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 336	E



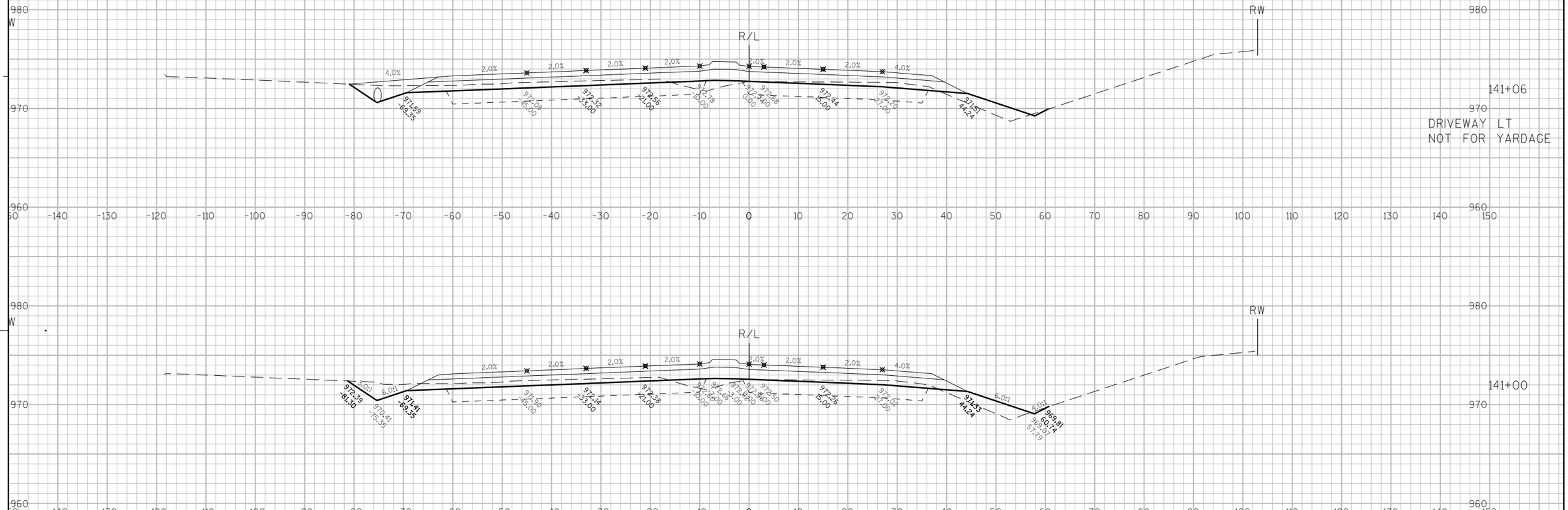
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 337	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/5/2012 11:00 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

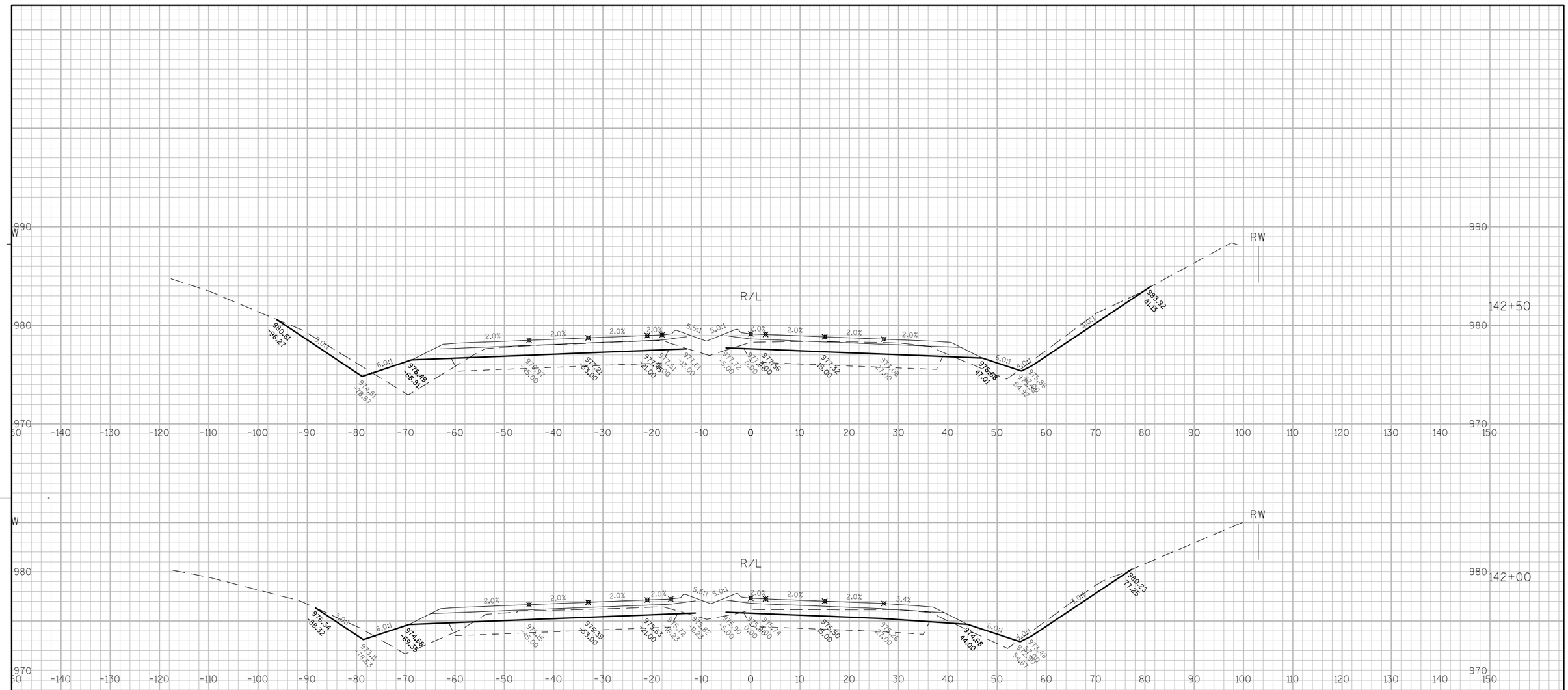
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 338 E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/5/2012 11:00 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



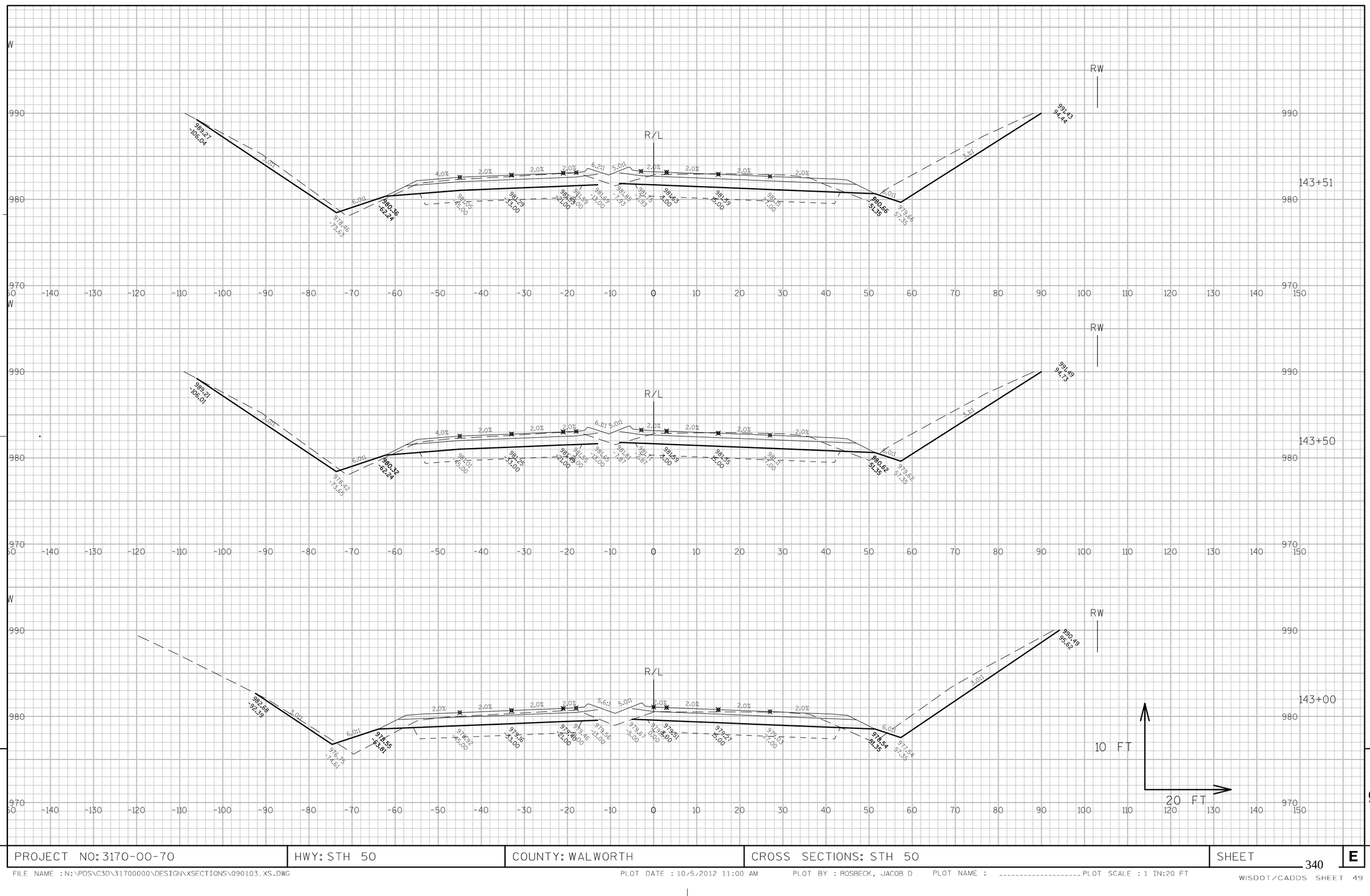
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/5/2012 11:00 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



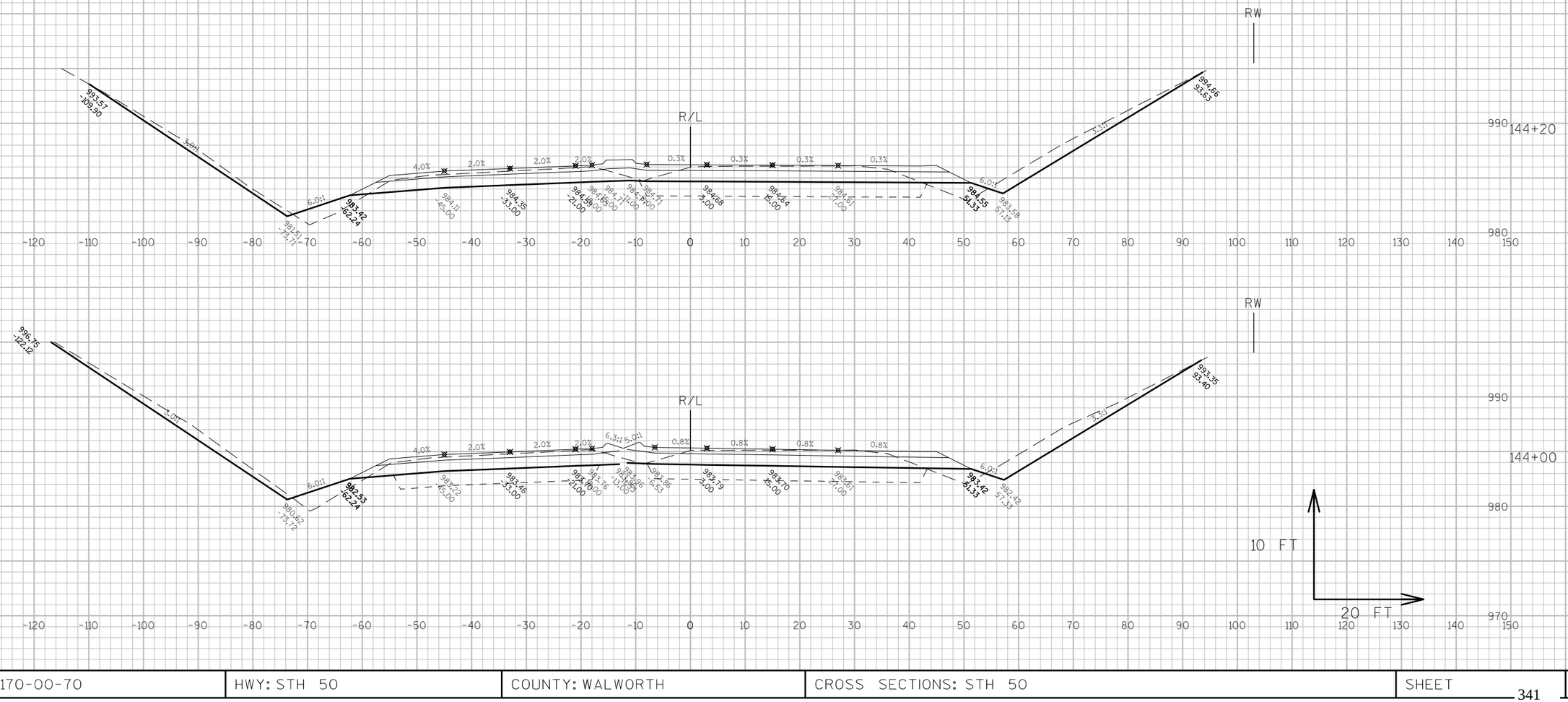
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 340	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/5/2012 11:00 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

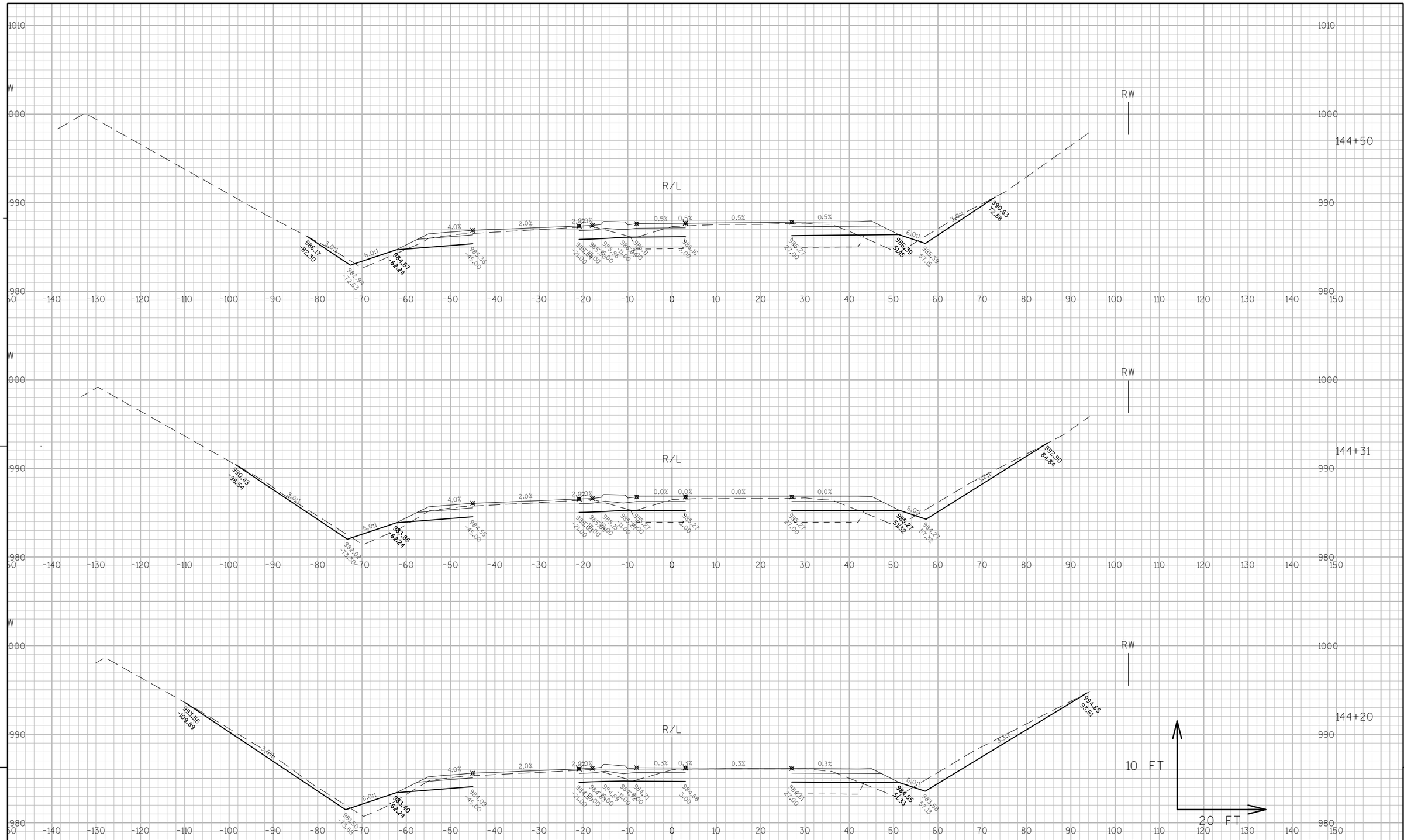
END RECONSTRUCTION



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 341 E

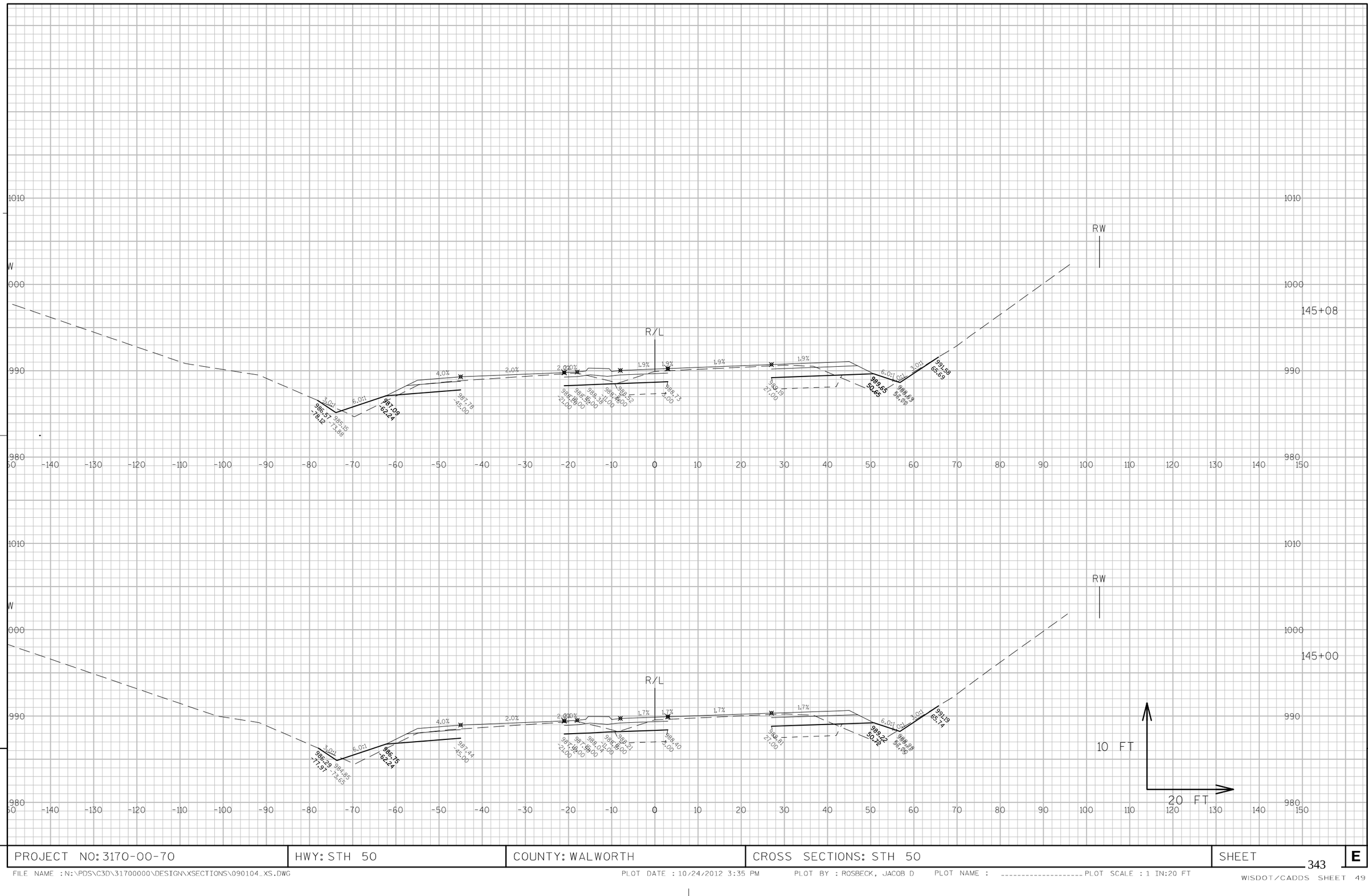
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/5/2012 11:01 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090104_XS.DWG PLOT DATE : 10/24/2012 3:35 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT

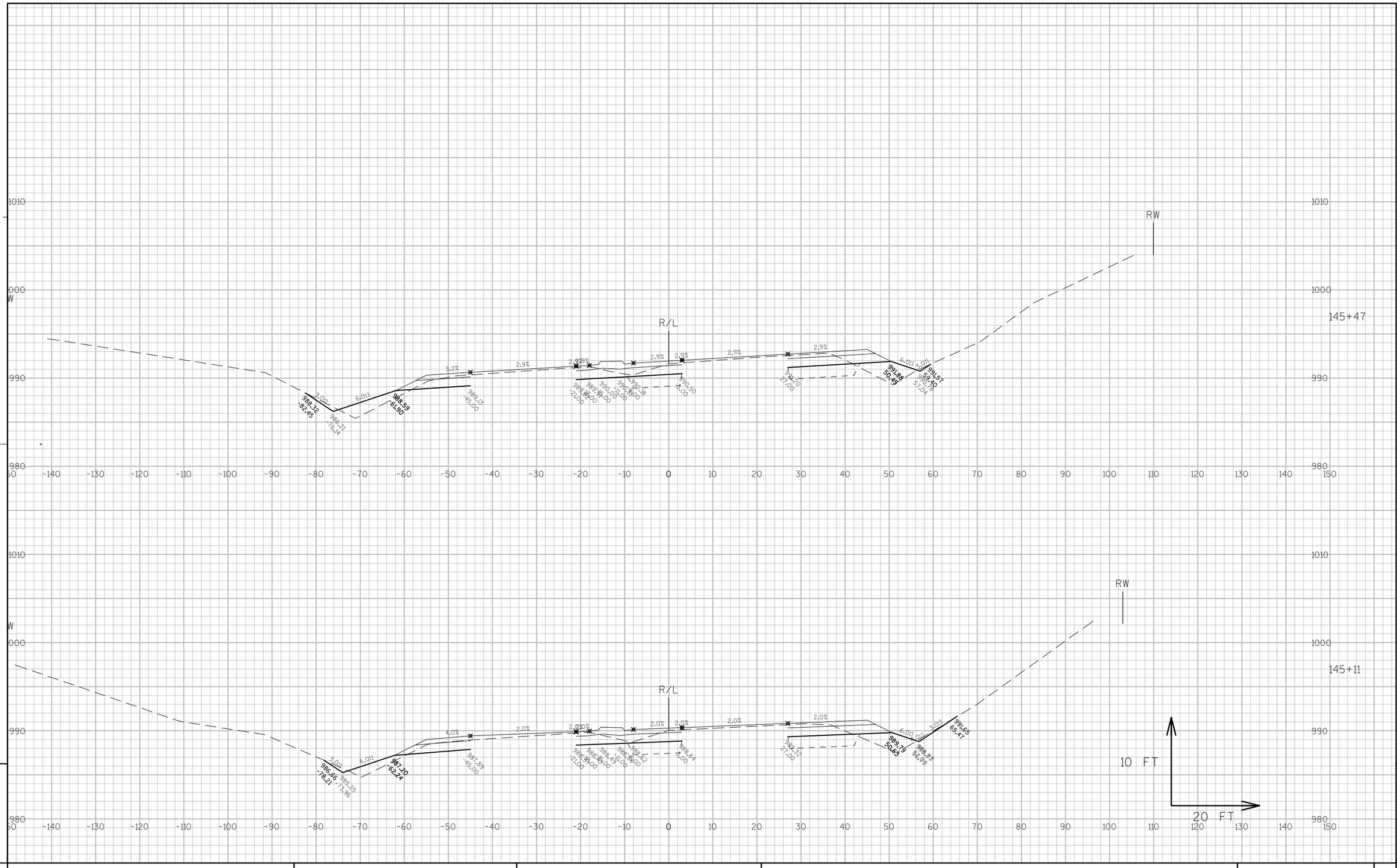


9 9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 343 E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090104_XS.DWG PLOT DATE : 10/24/2012 3:35 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

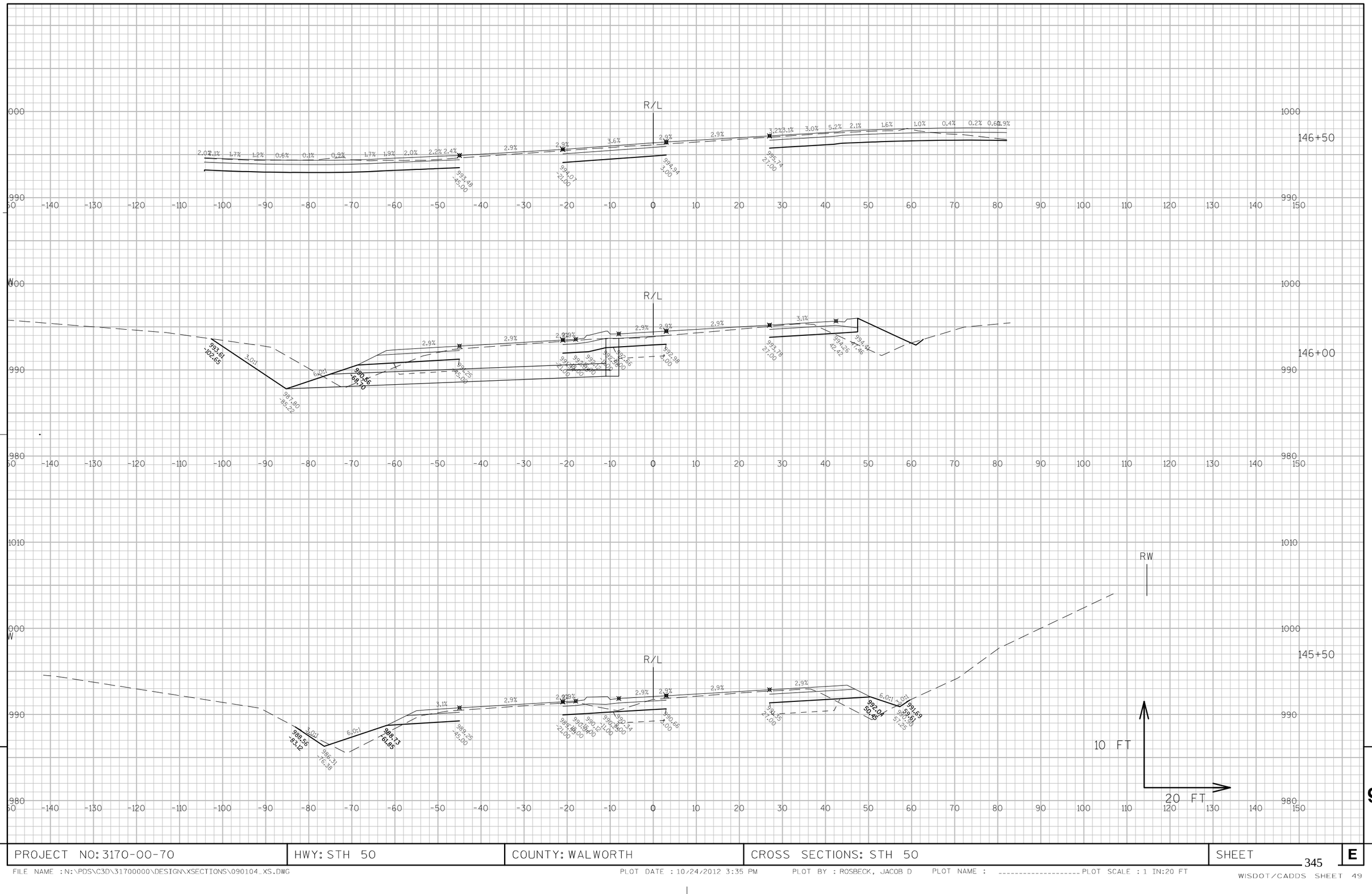


9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 344	E

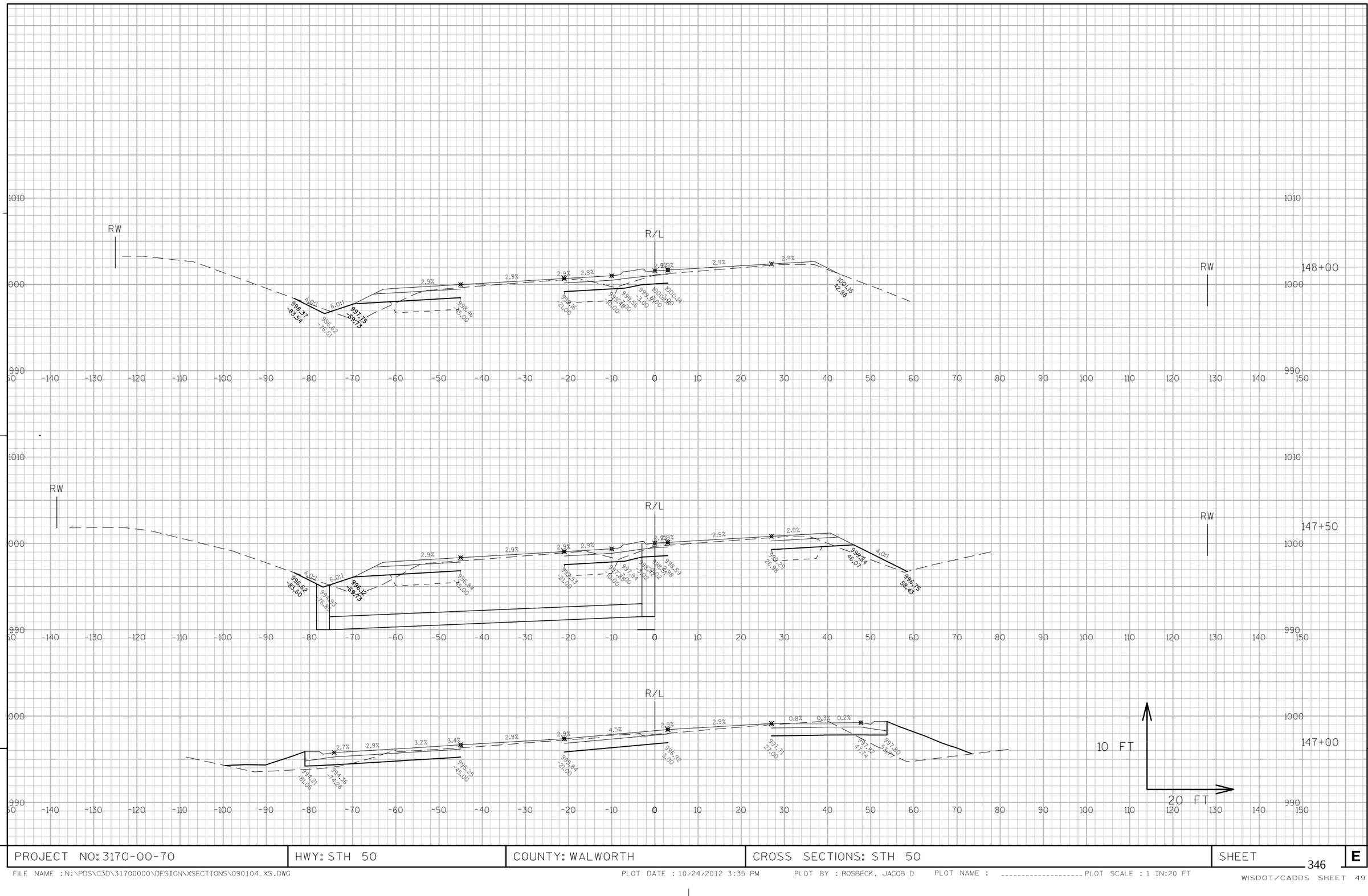
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090104_XS.DWG PLOT DATE : 10/24/2012 3:35 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 345 E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090104_XS.DWG PLOT DATE : 10/24/2012 3:35 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 346	E

DRIVEWAY LT
NOT FOR YARDAGE

149+20

149+00

148+50

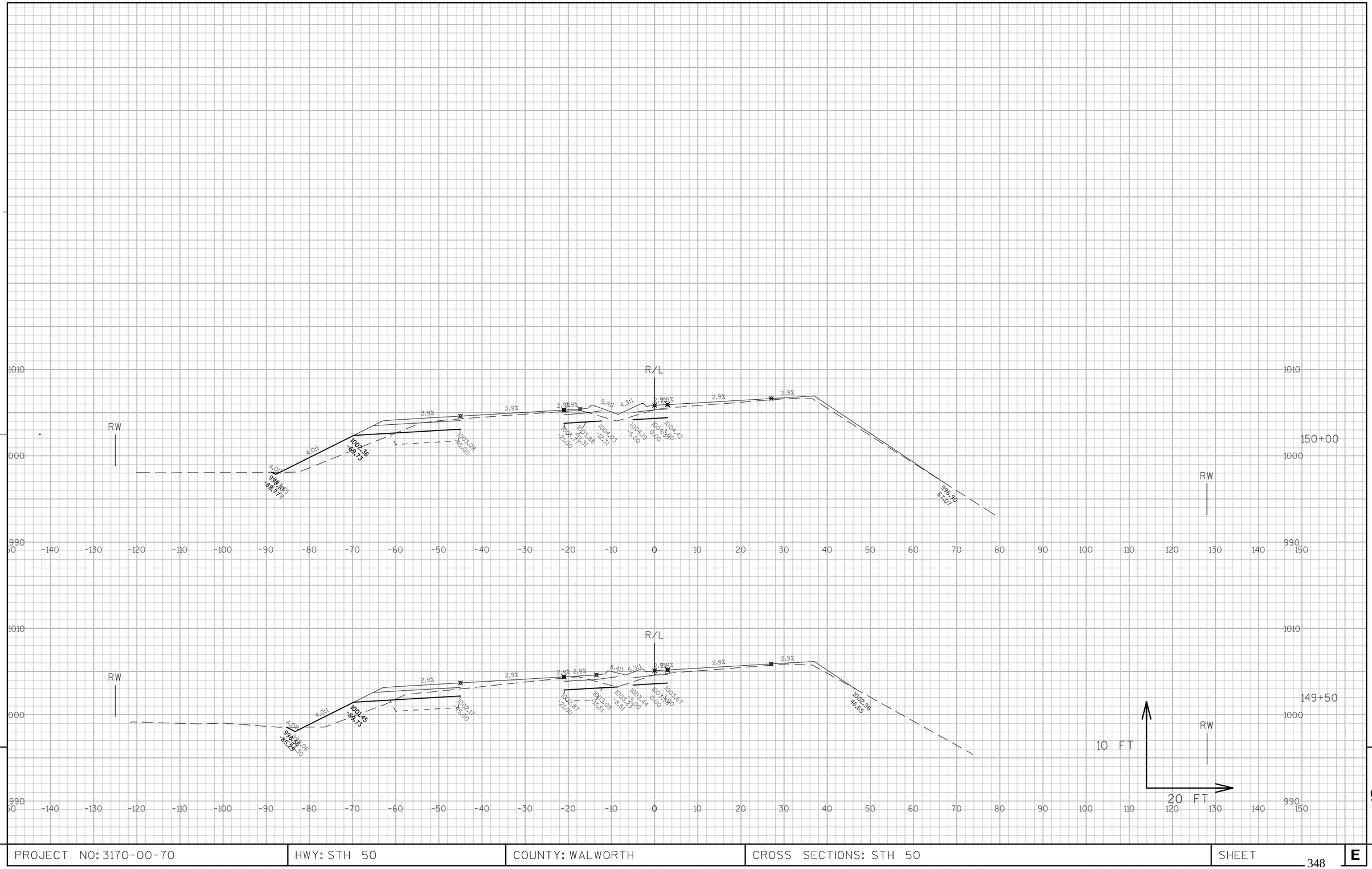
10 FT

20 FT

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 347

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090104_XS.DWG PLOT DATE : 10/24/2012 3:36 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

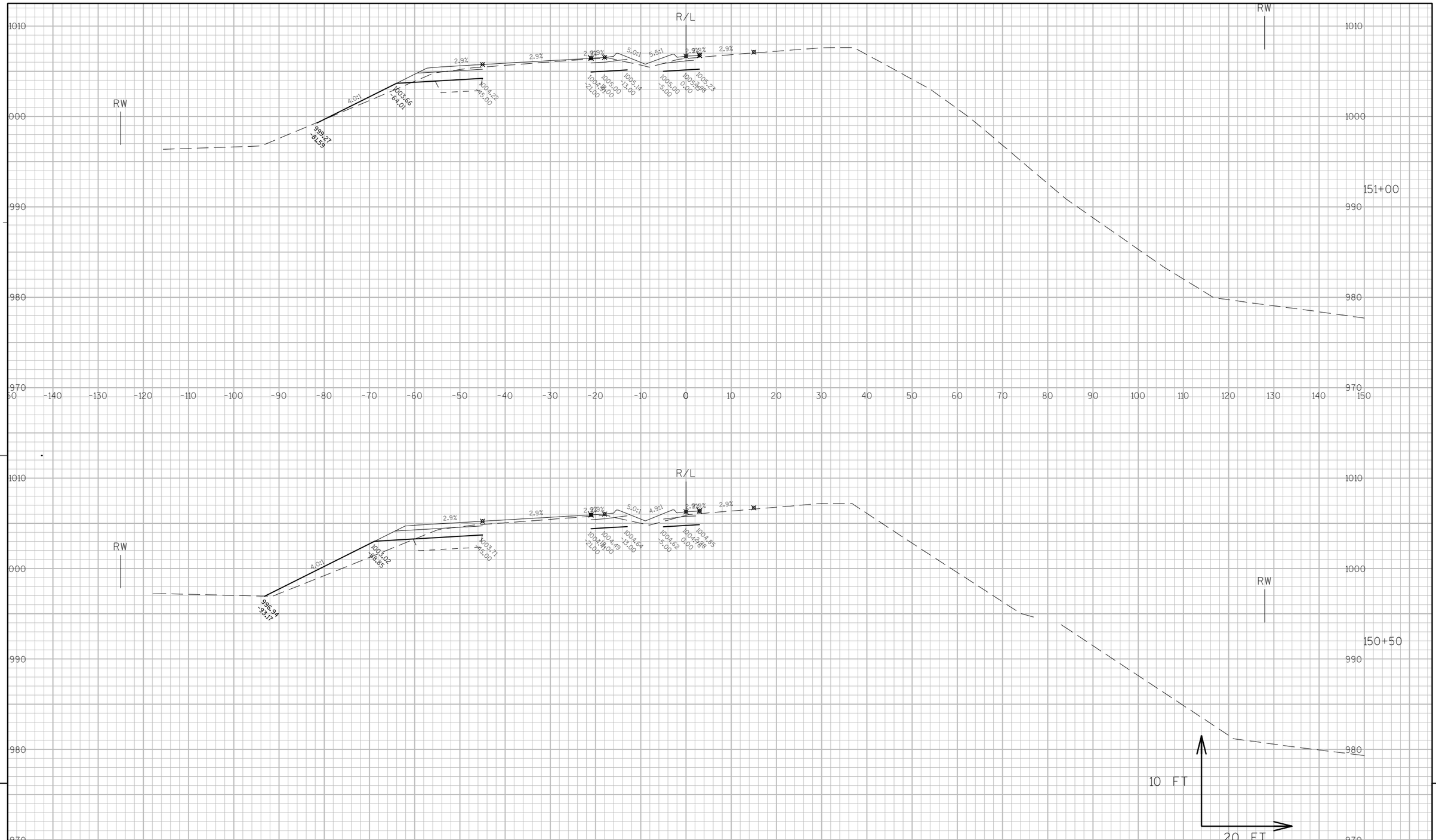


9

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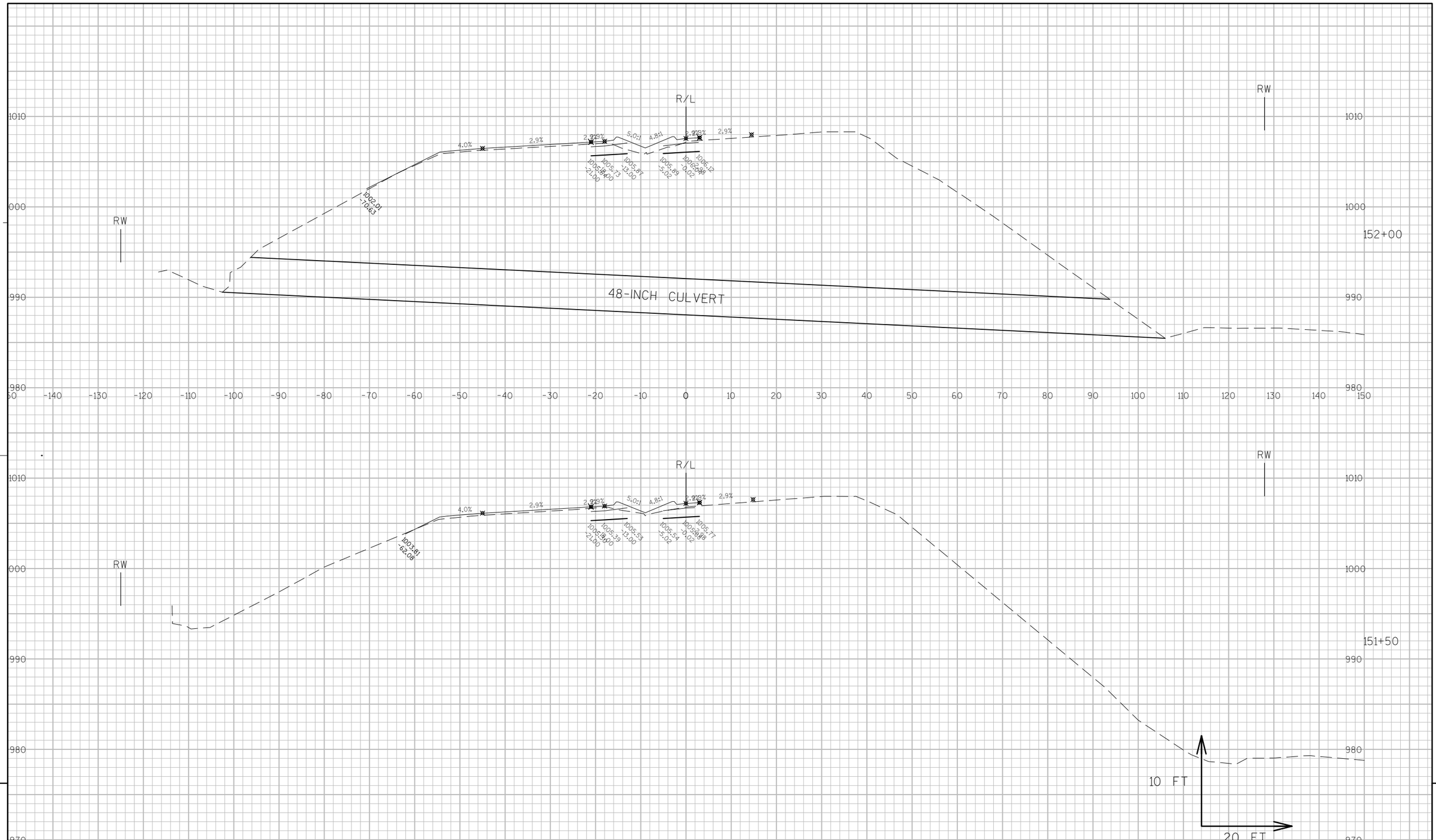
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 348	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090104_XS.DWG PLOT DATE : 10/24/2012 3:36 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT



9 9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 349	E



9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 350	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090104_XS.DWG PLOT DATE : 10/24/2012 3:36 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT

RW

R/L

RW

154+00

RW

R/L

RW

153+50

RW

R/L

RW

153+00

RW

R/L

RW

152+50

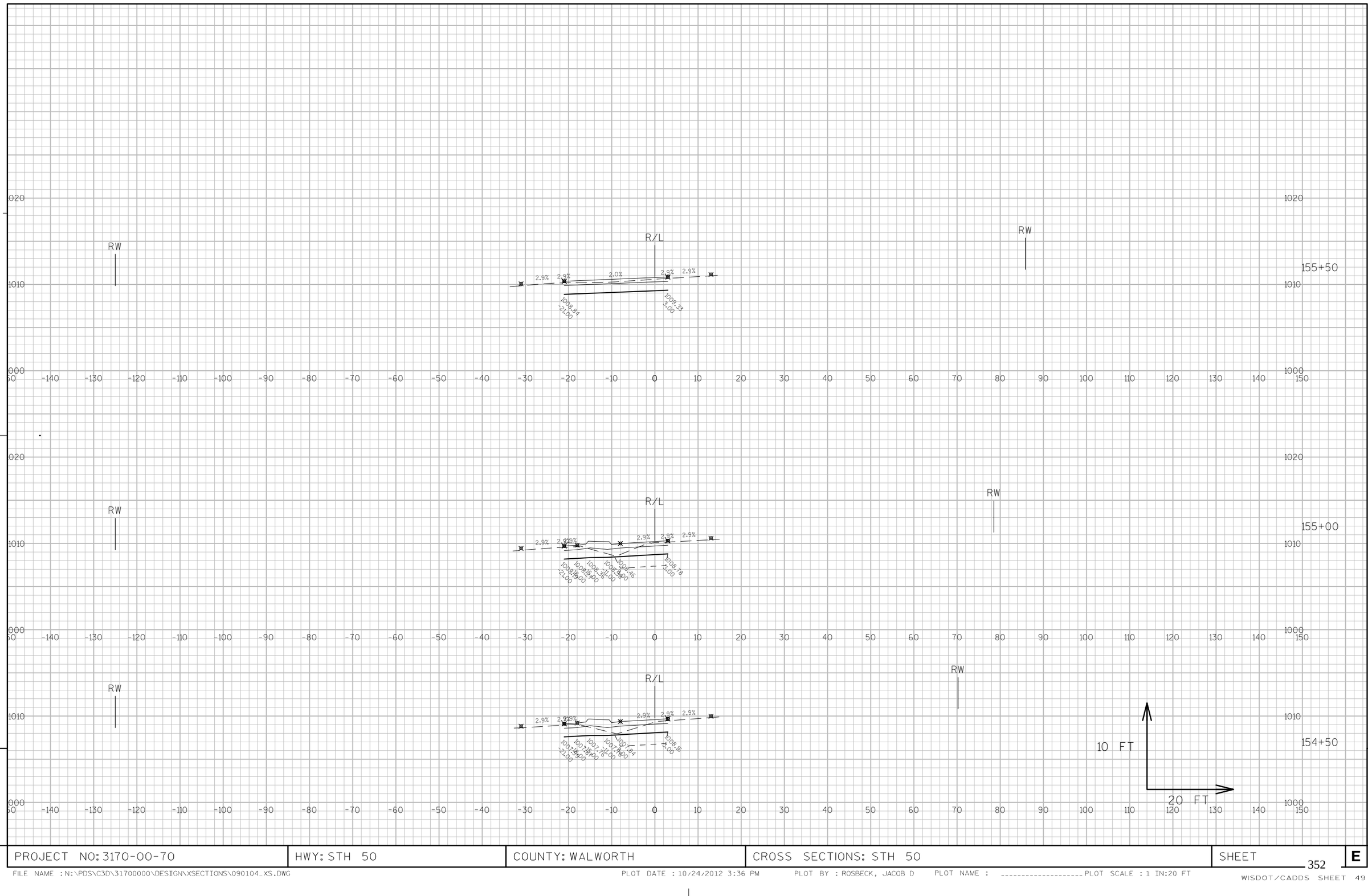
10 FT

20 FT

9

9

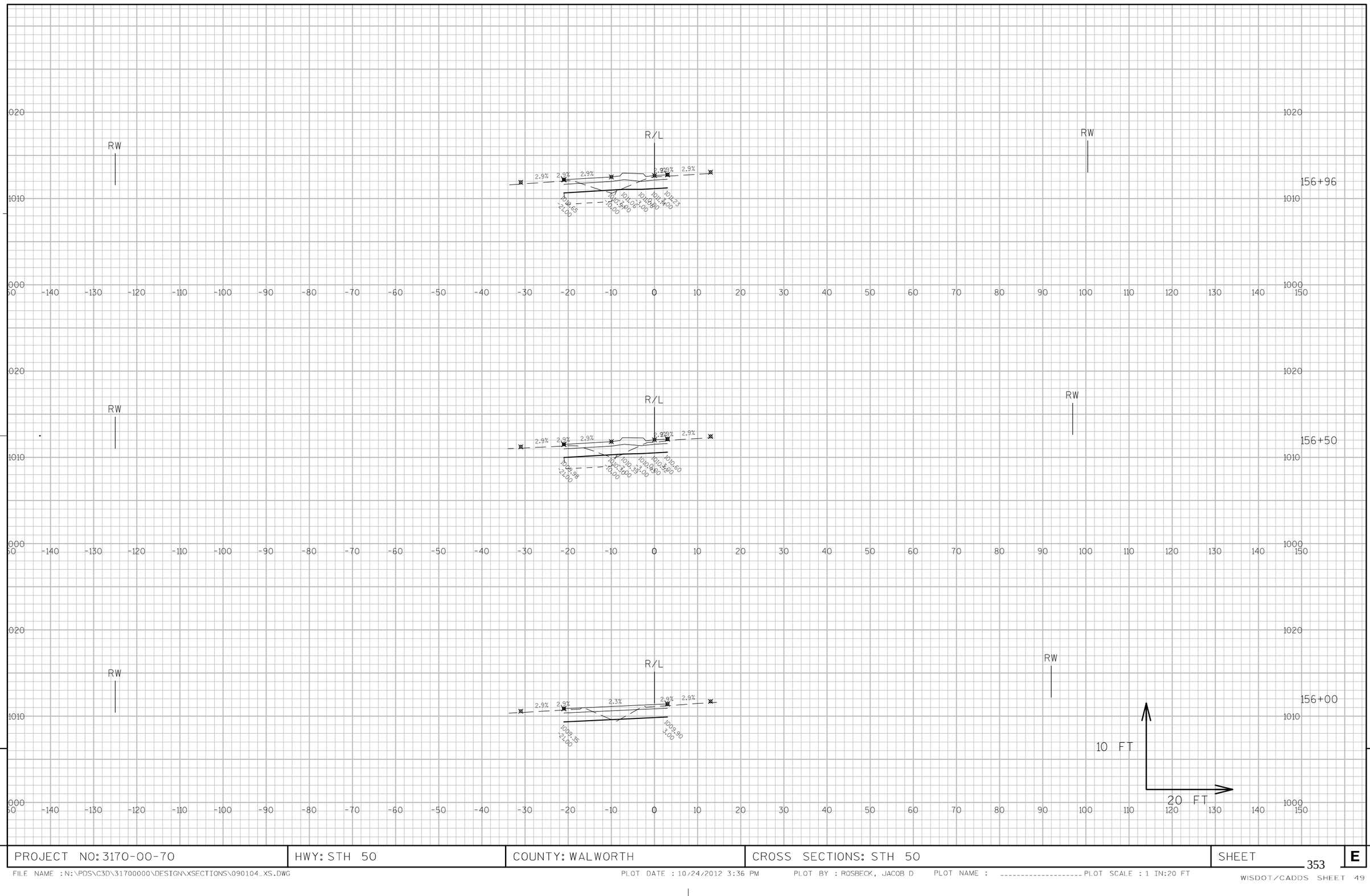
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 351	E



9

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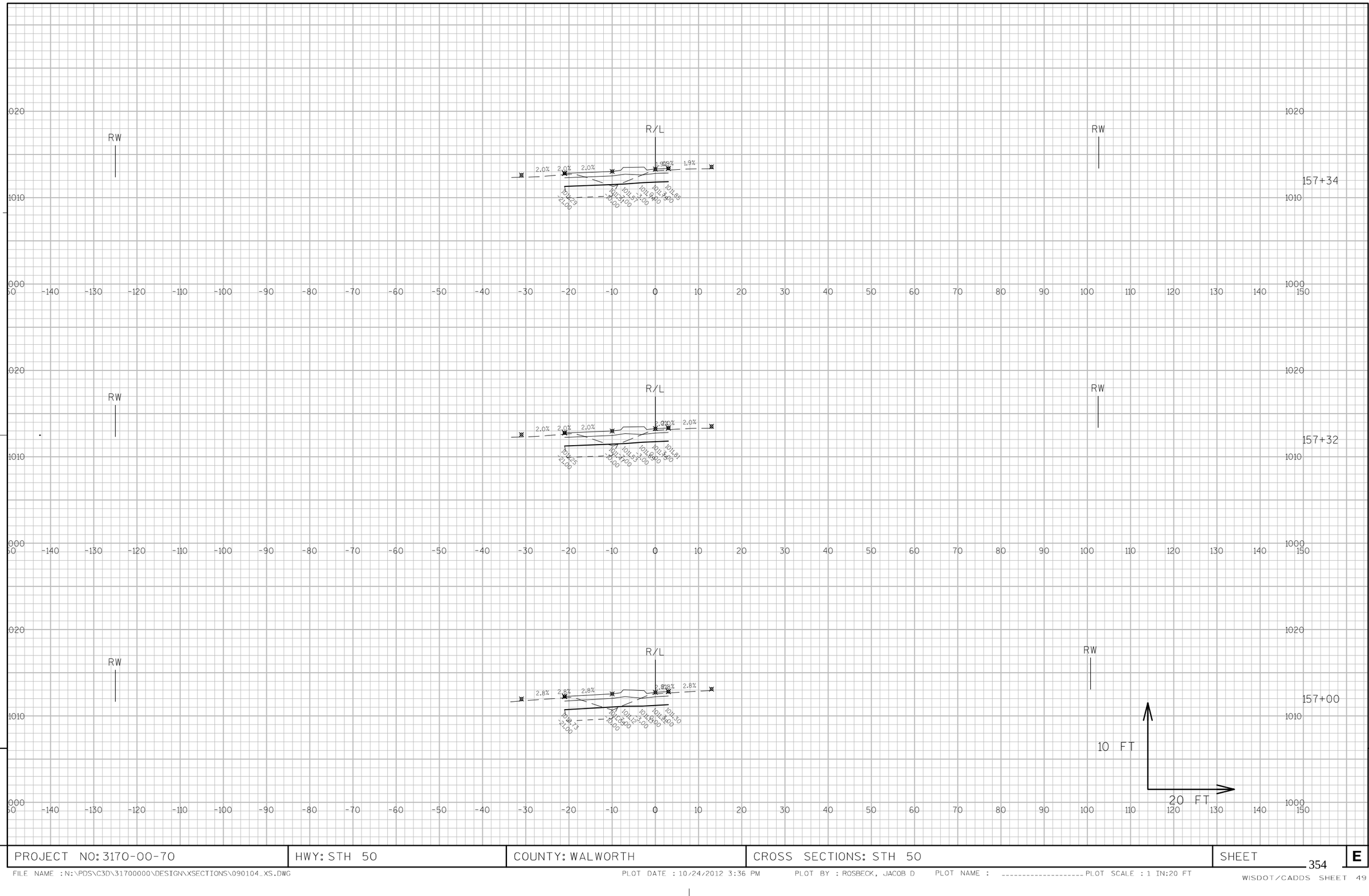
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 352	E



9

9

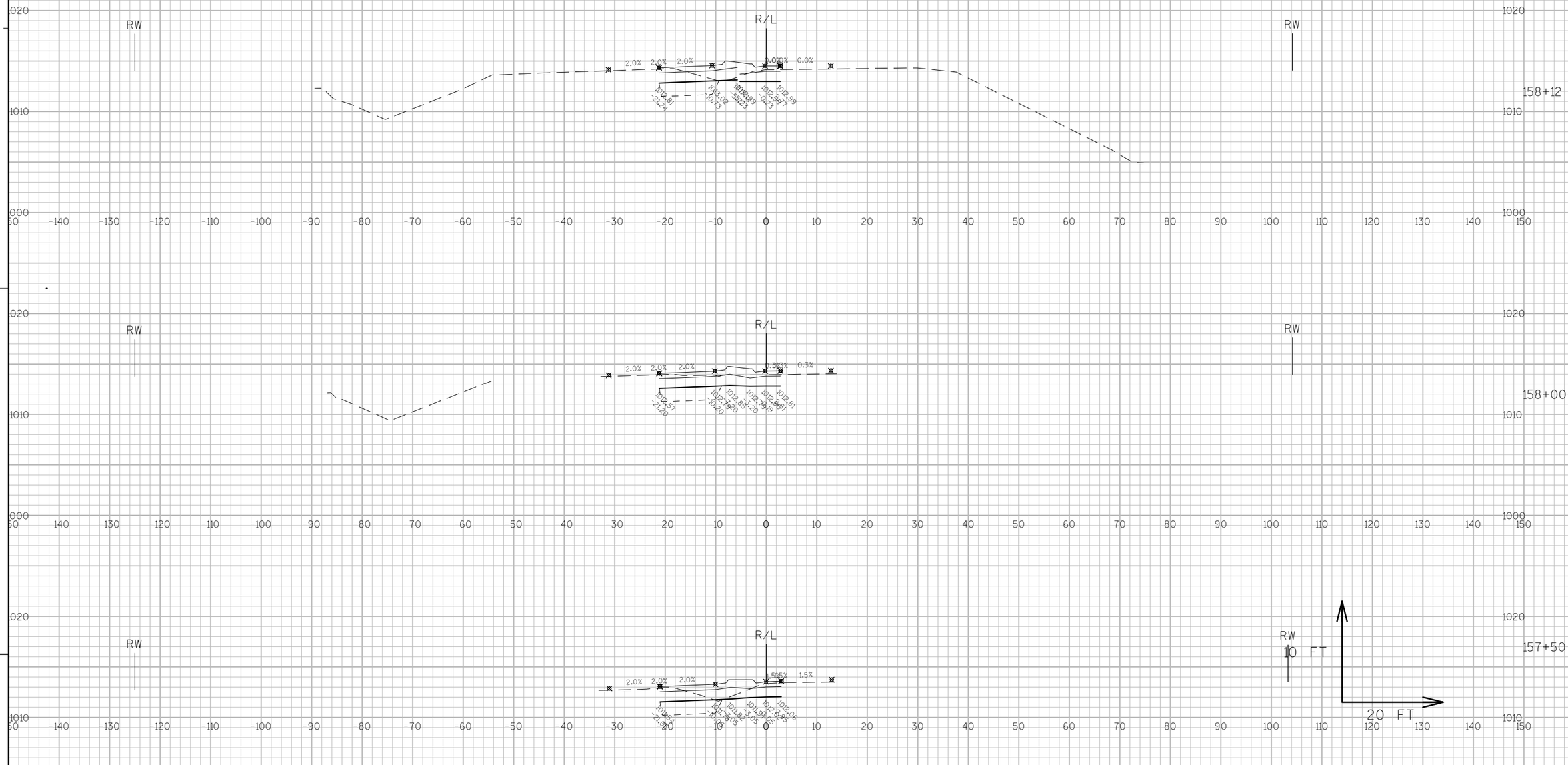
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 353	E



9

9

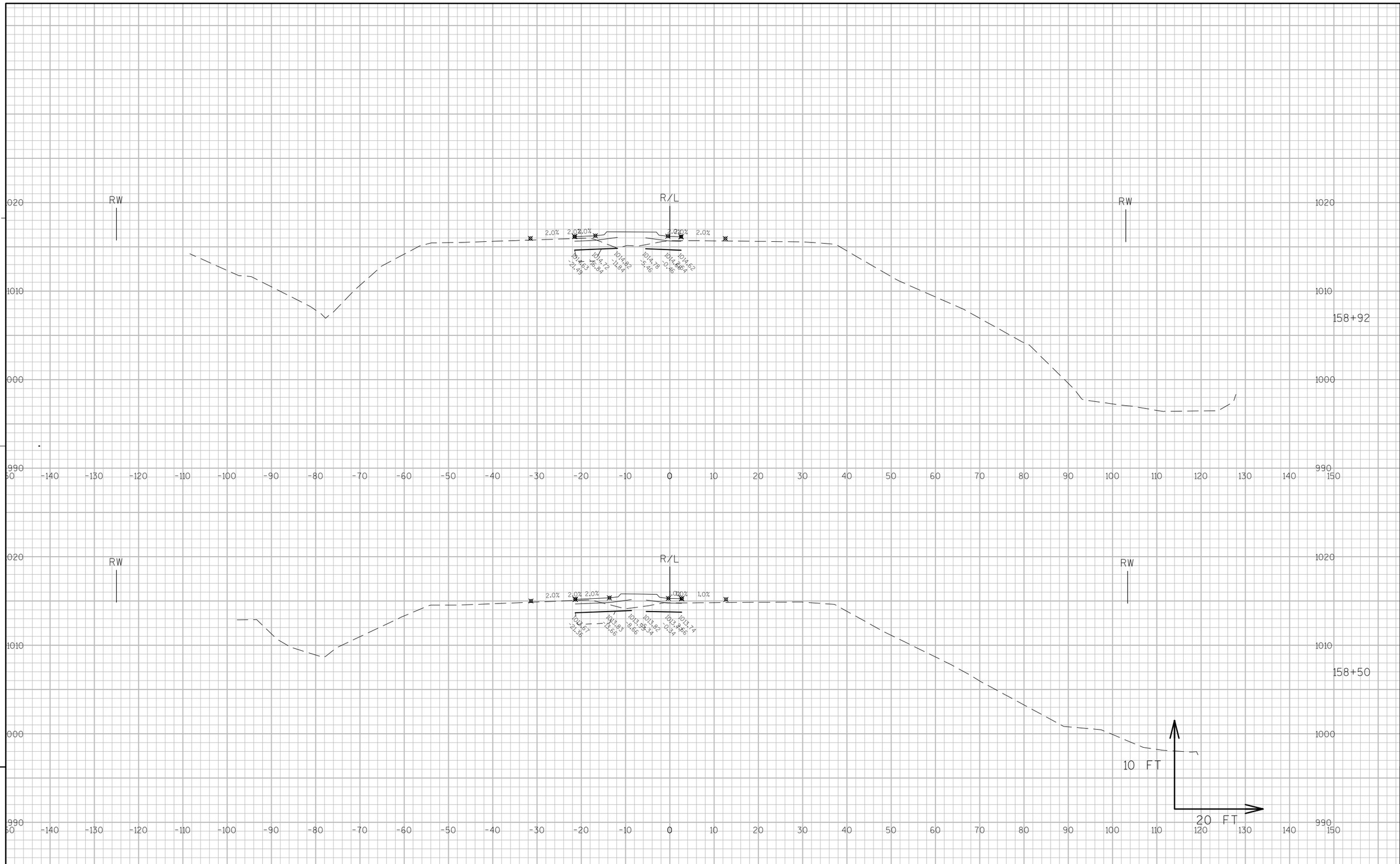
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 354	E



9

9

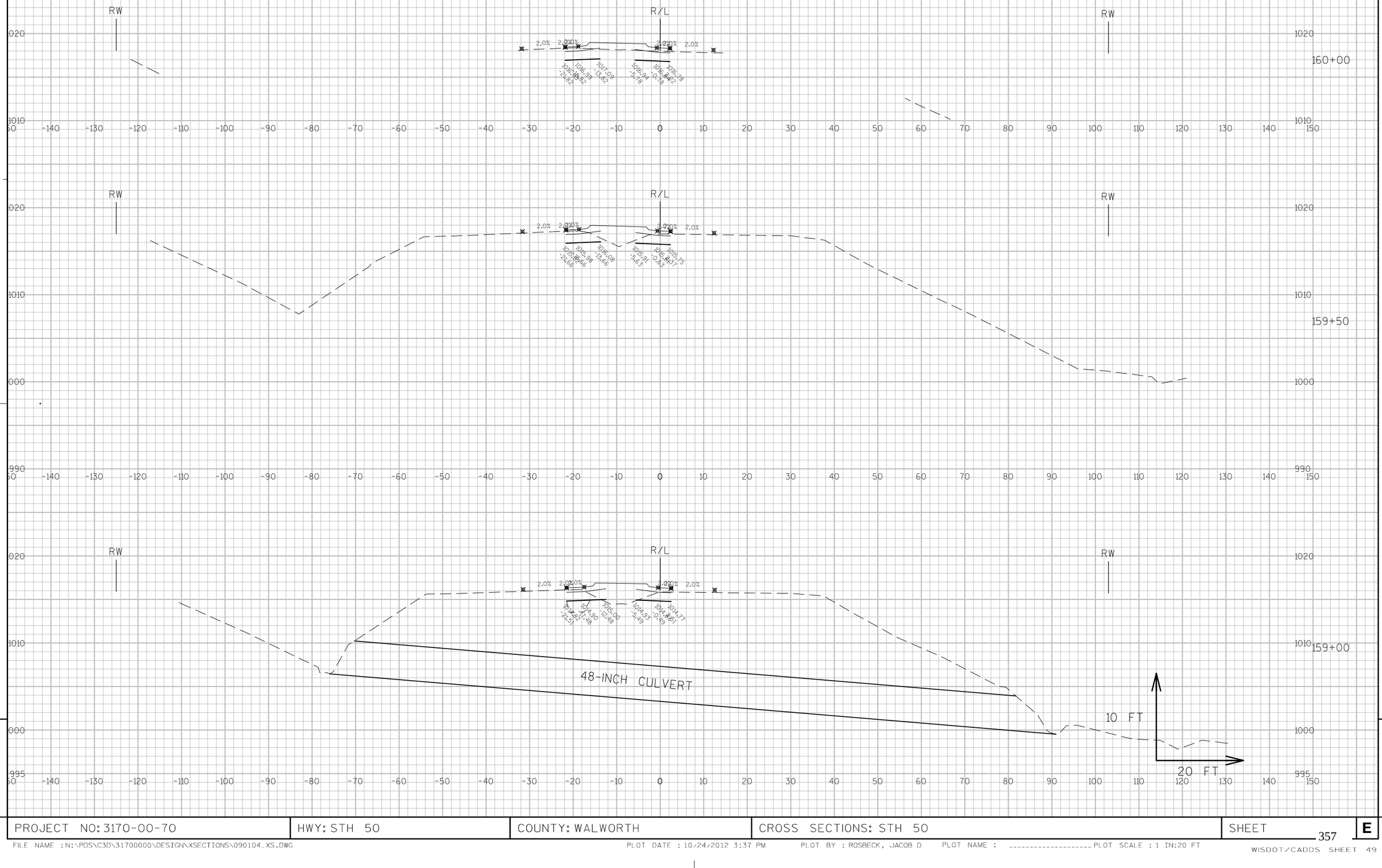
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 355	E



9

9

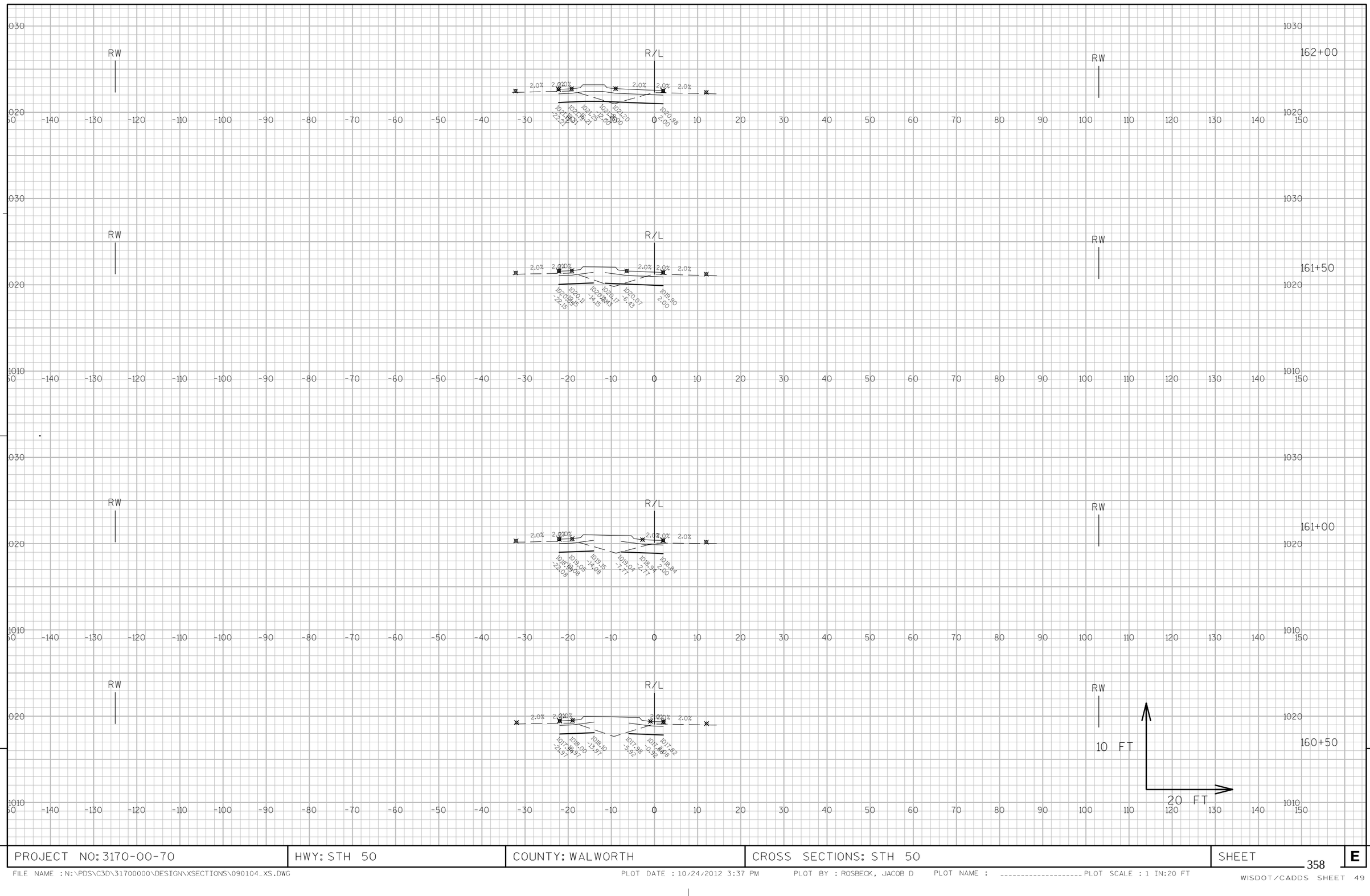
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 356	E



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 357	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090104_XS.DWG PLOT DATE : 10/24/2012 3:37 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

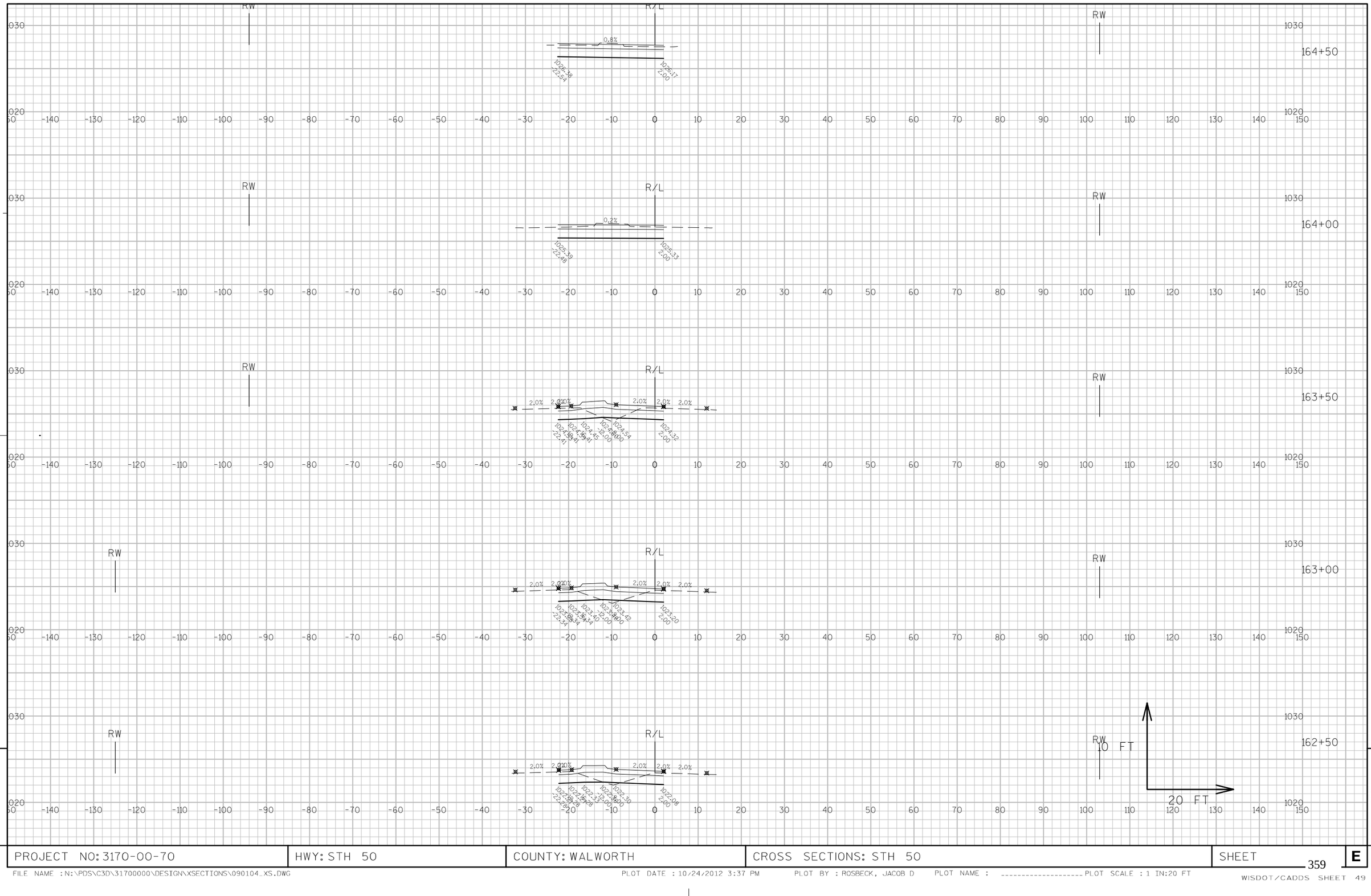
WISDOT/CADDS SHEET 49



9

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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 358	E



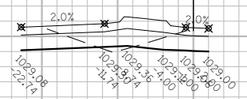
9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 359	E

RW

R/L

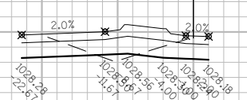


RW

166+00

RW

R/L

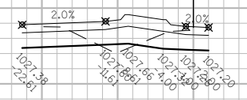


RW

165+50

RW

R/L



RW

10 FT

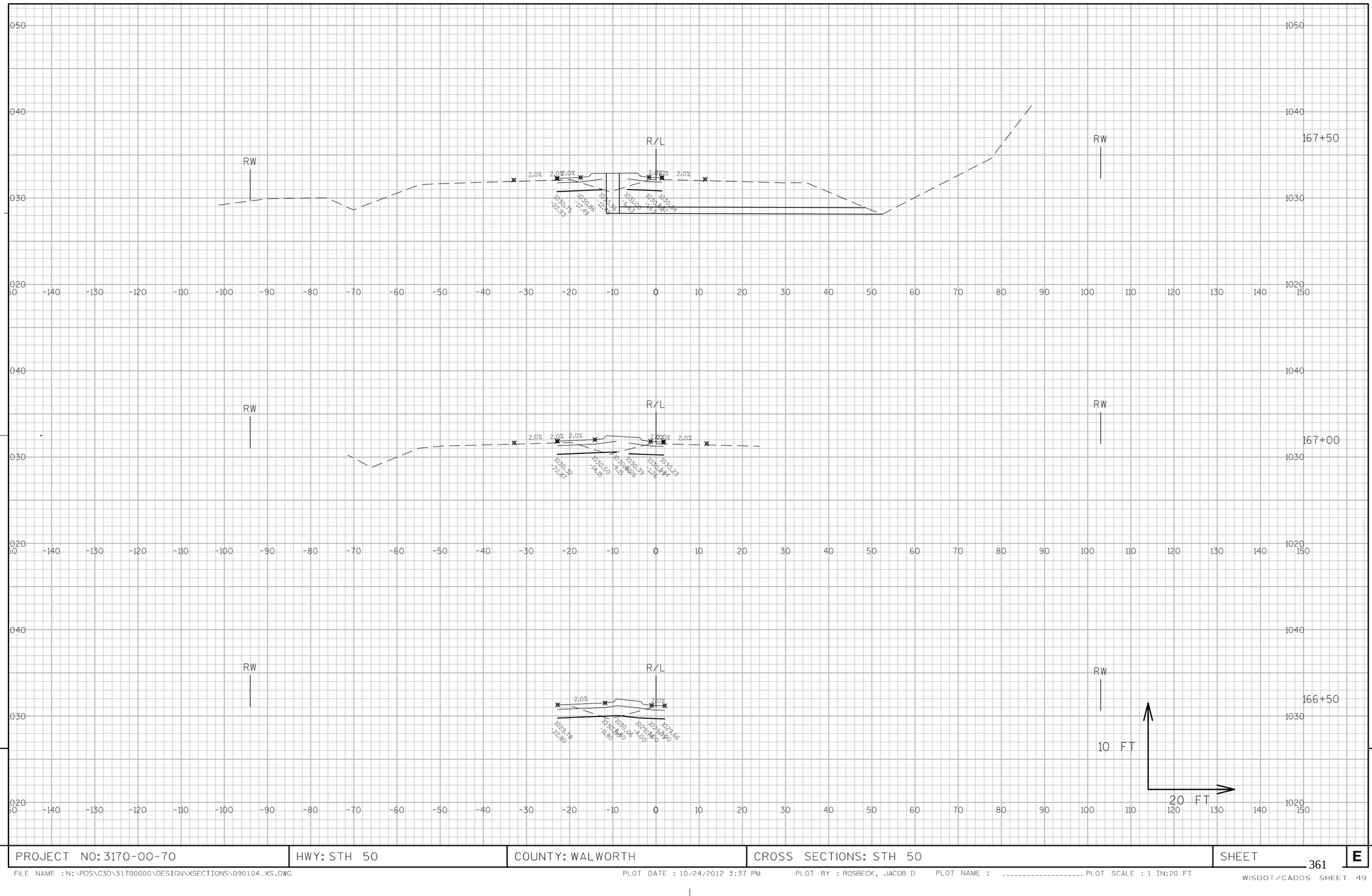
20 FT

165+00

9

9

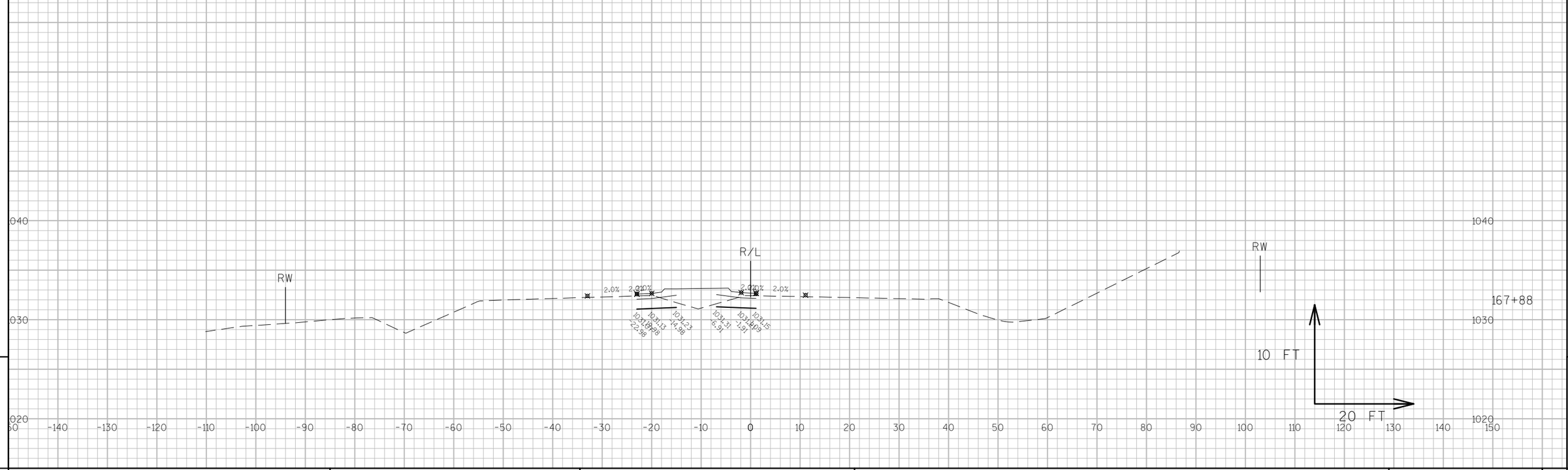
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 360	E



9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 361	E

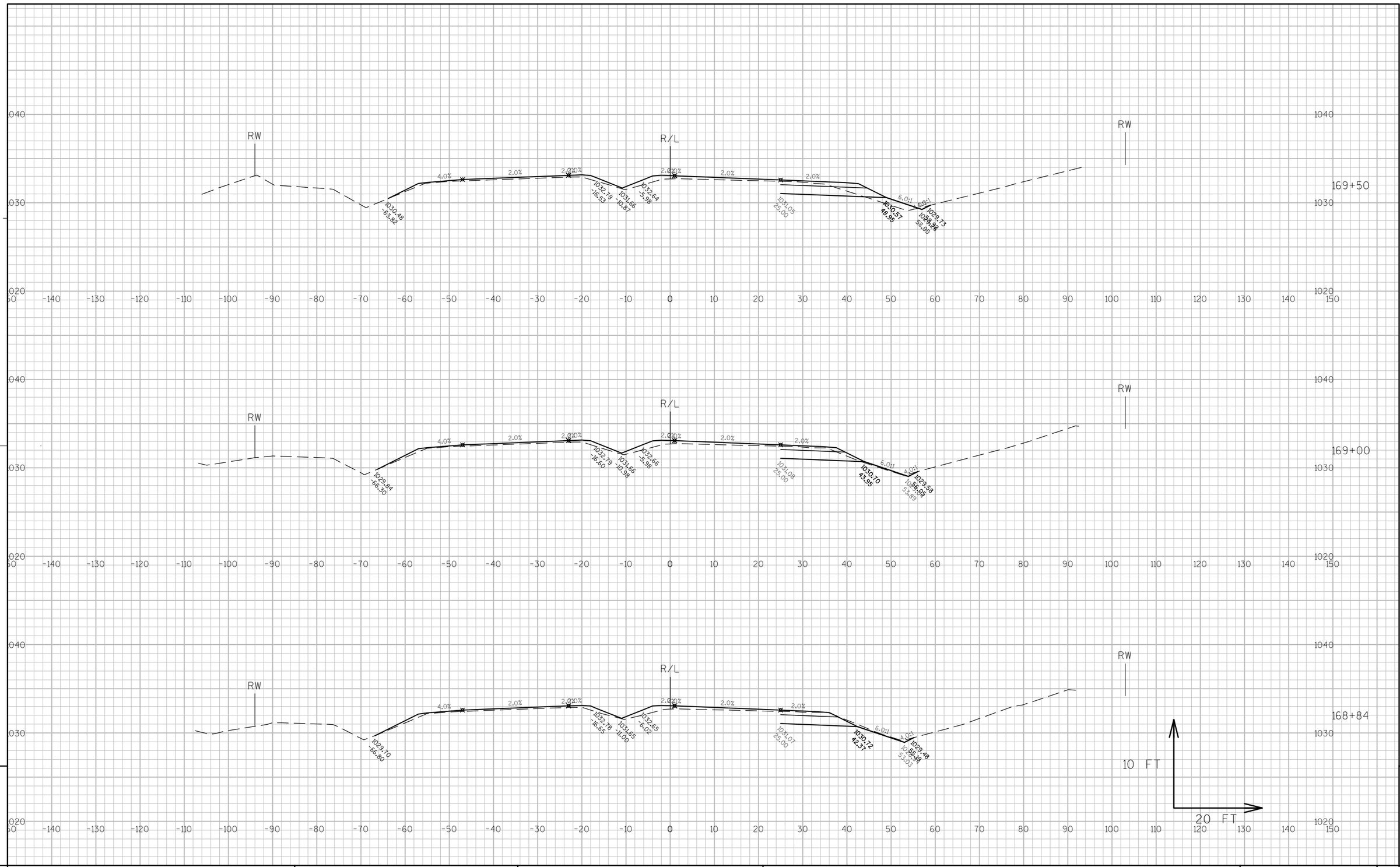


9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET	E

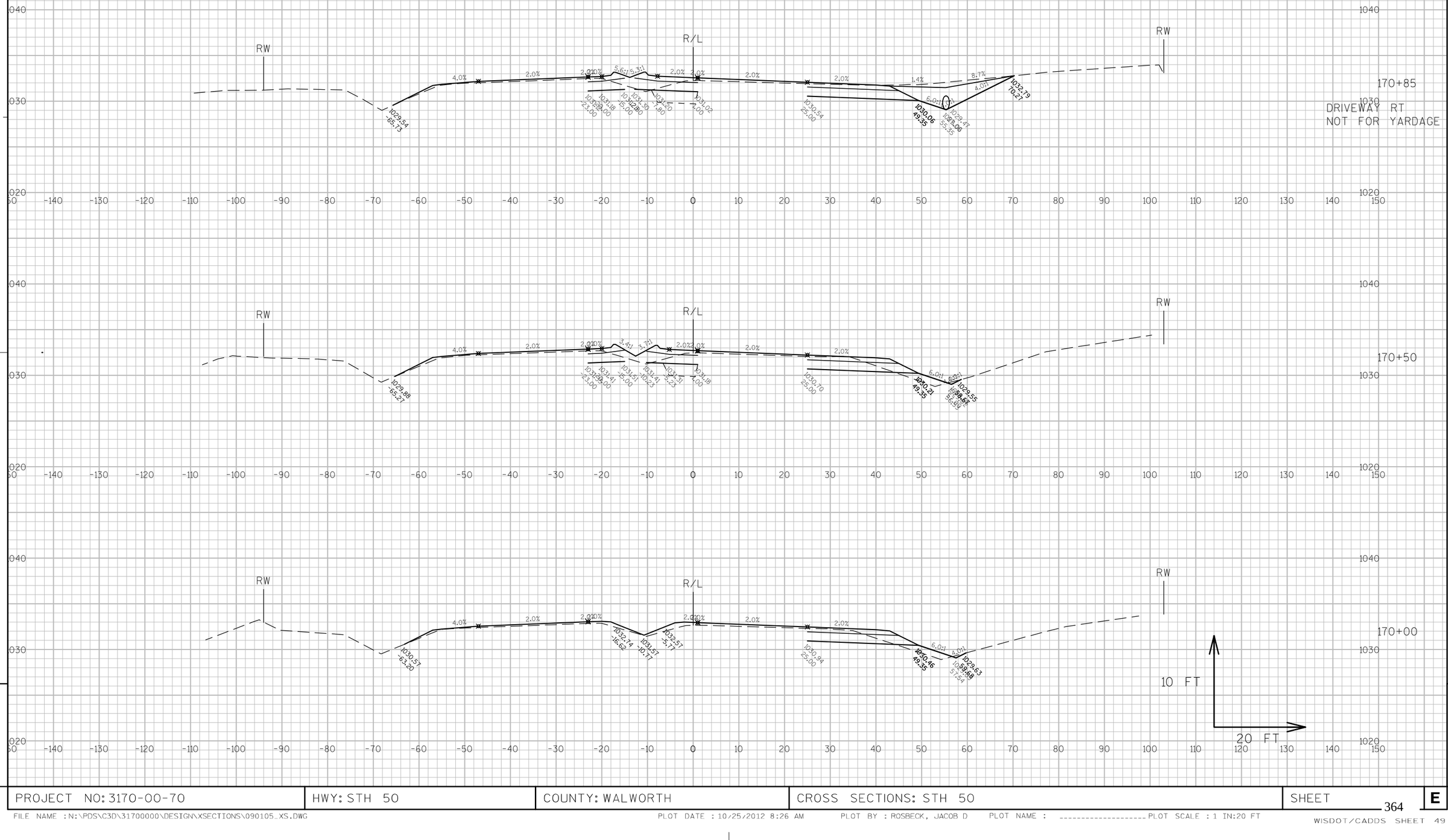
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090104_XS.DWG PLOT DATE : 10/24/2012 3:37 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT



9

9

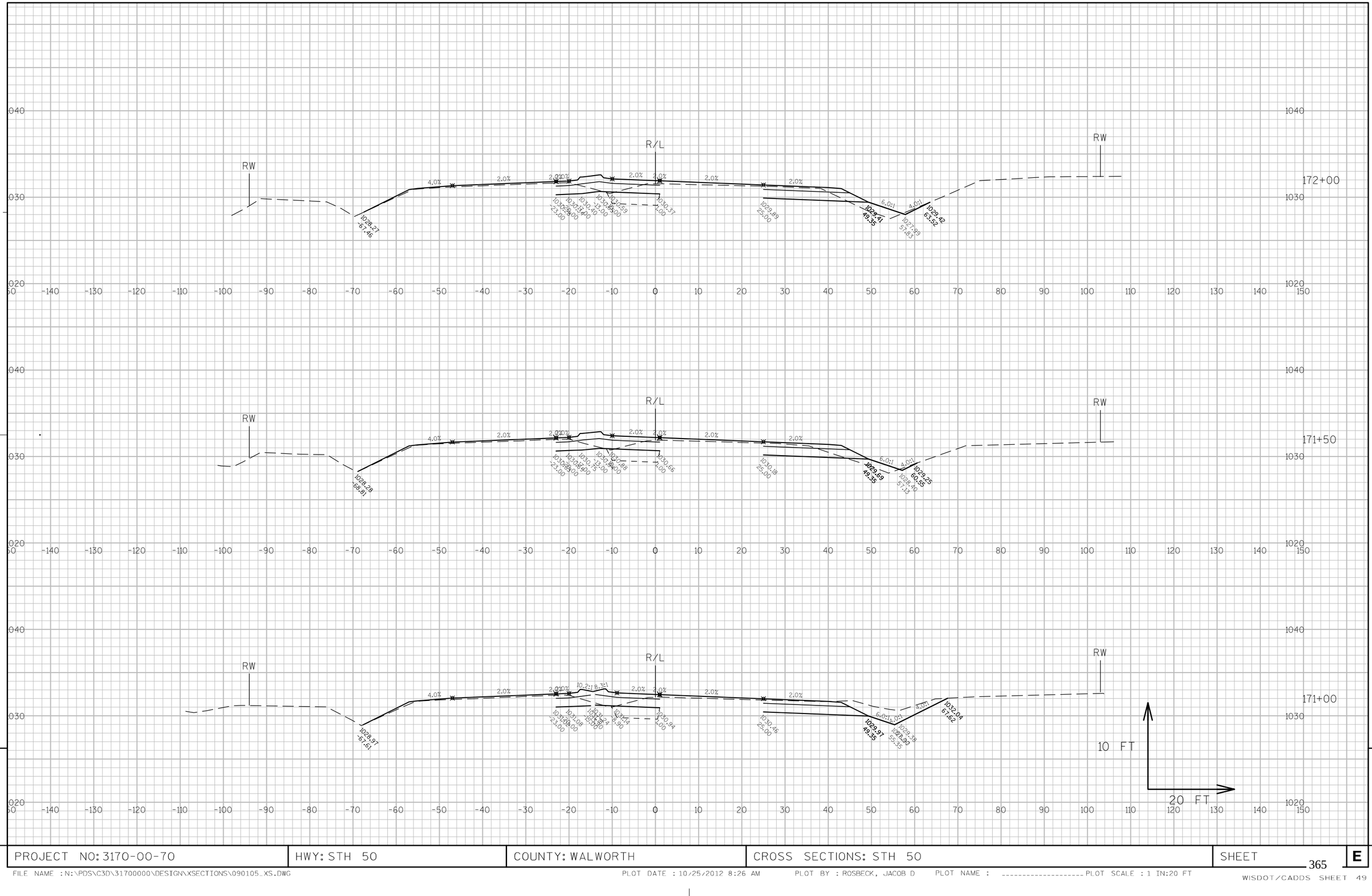
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 363	E



9

9

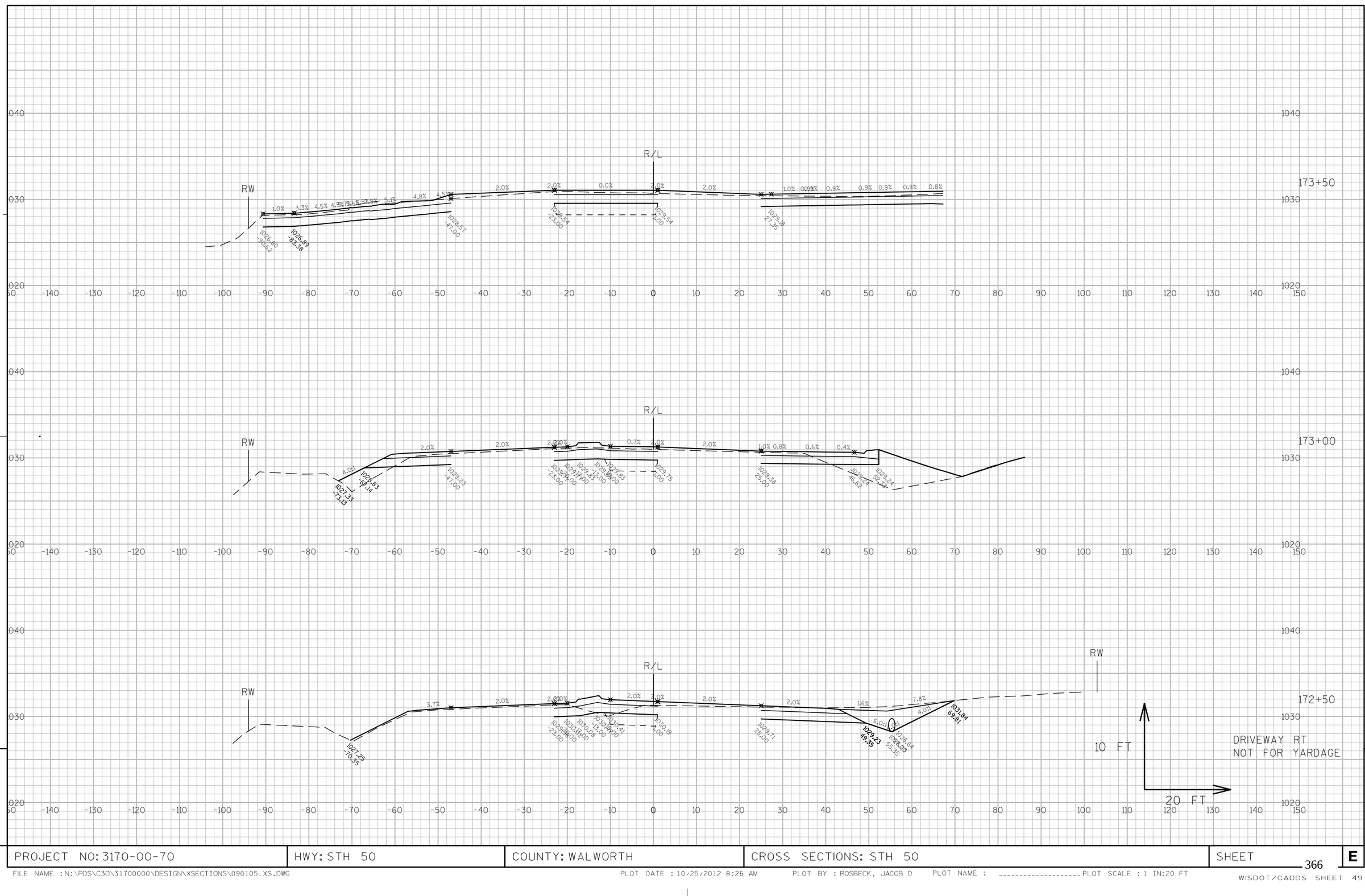
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 364	E



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 365 E

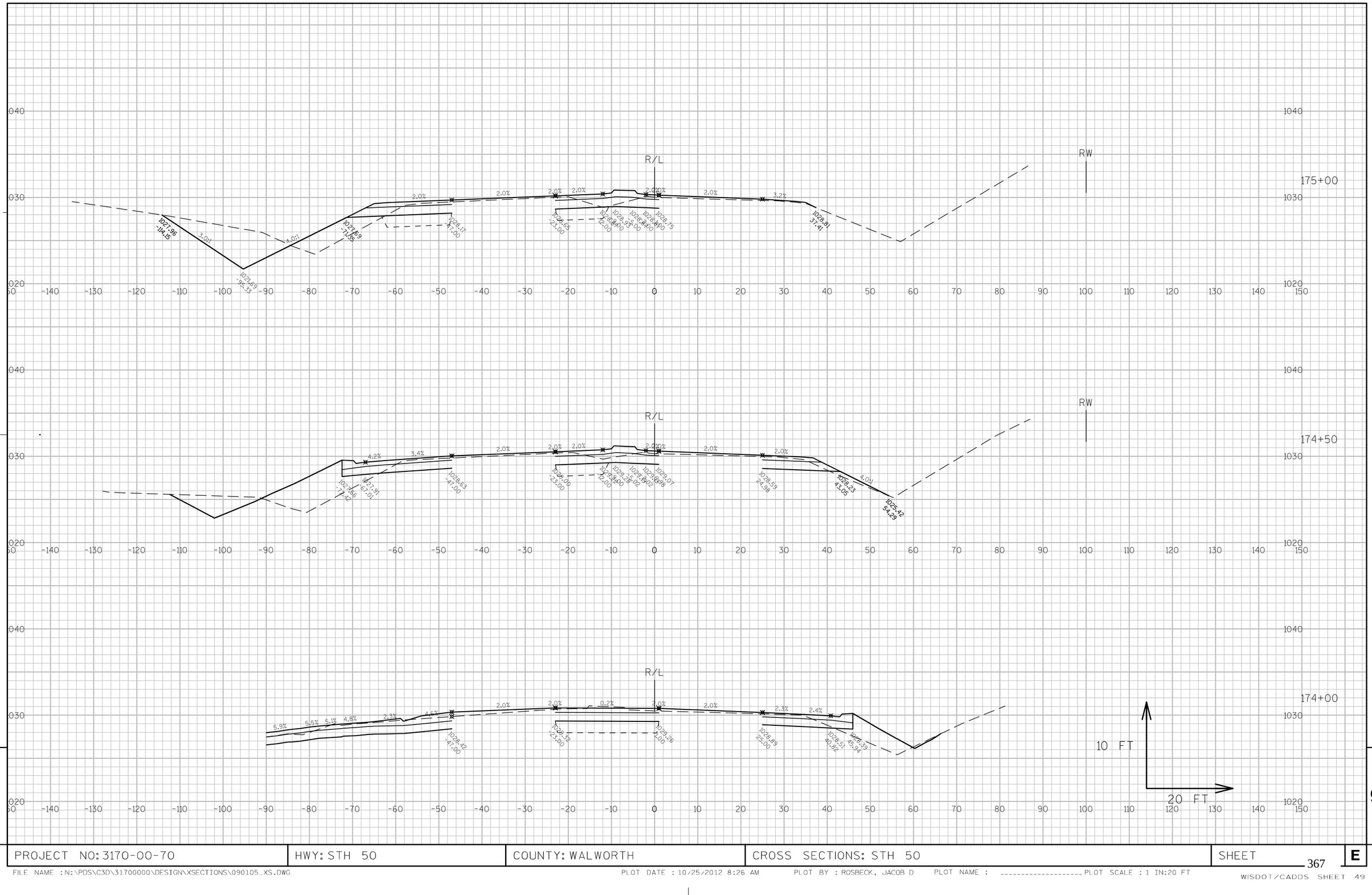
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090105_XS.DWG PLOT DATE : 10/25/2012 8:26 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



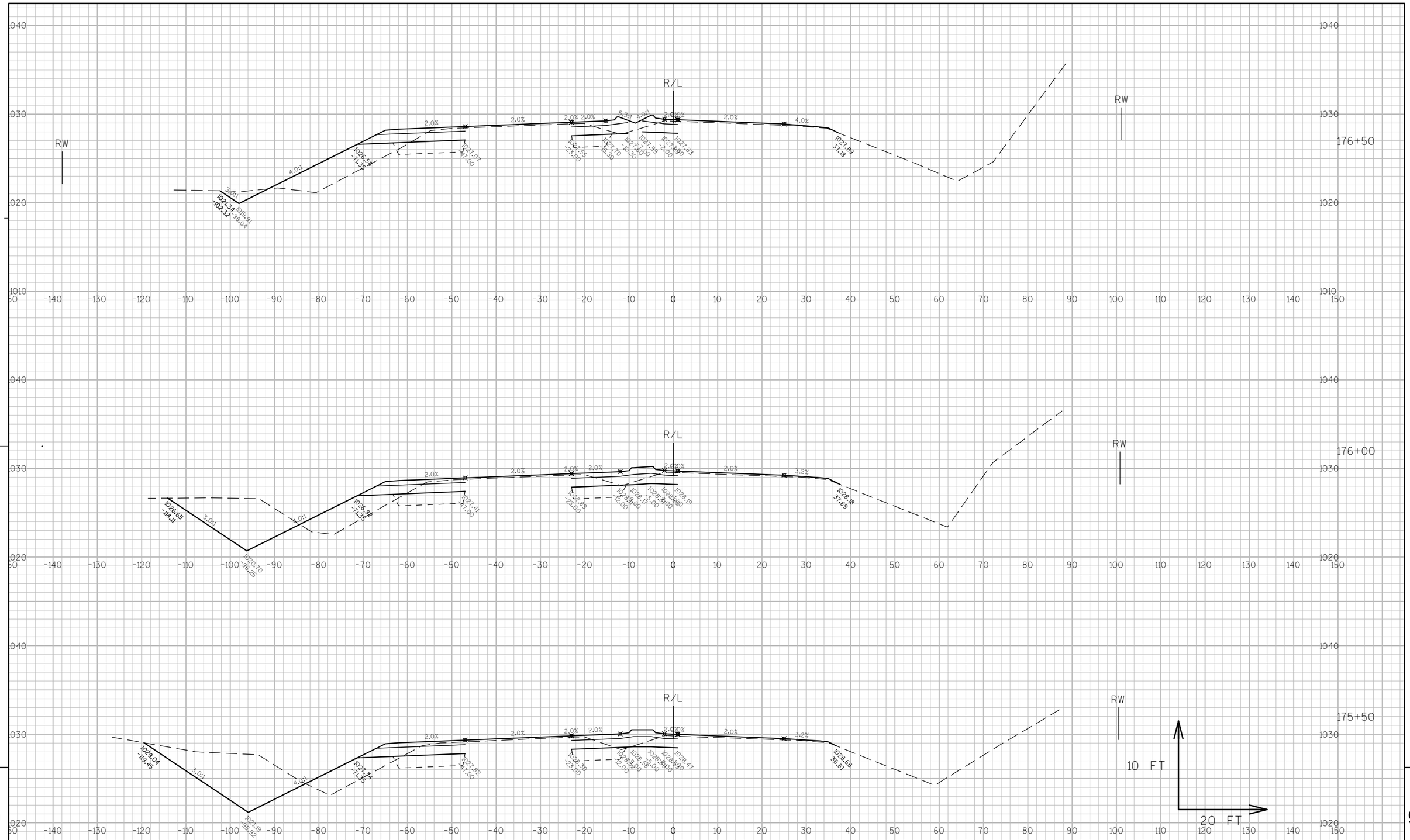
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 366 E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090105_XS.DWG PLOT DATE : 10/25/2012 8:26 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 367 E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090105_XS.DWG PLOT DATE : 10/25/2012 8:26 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT

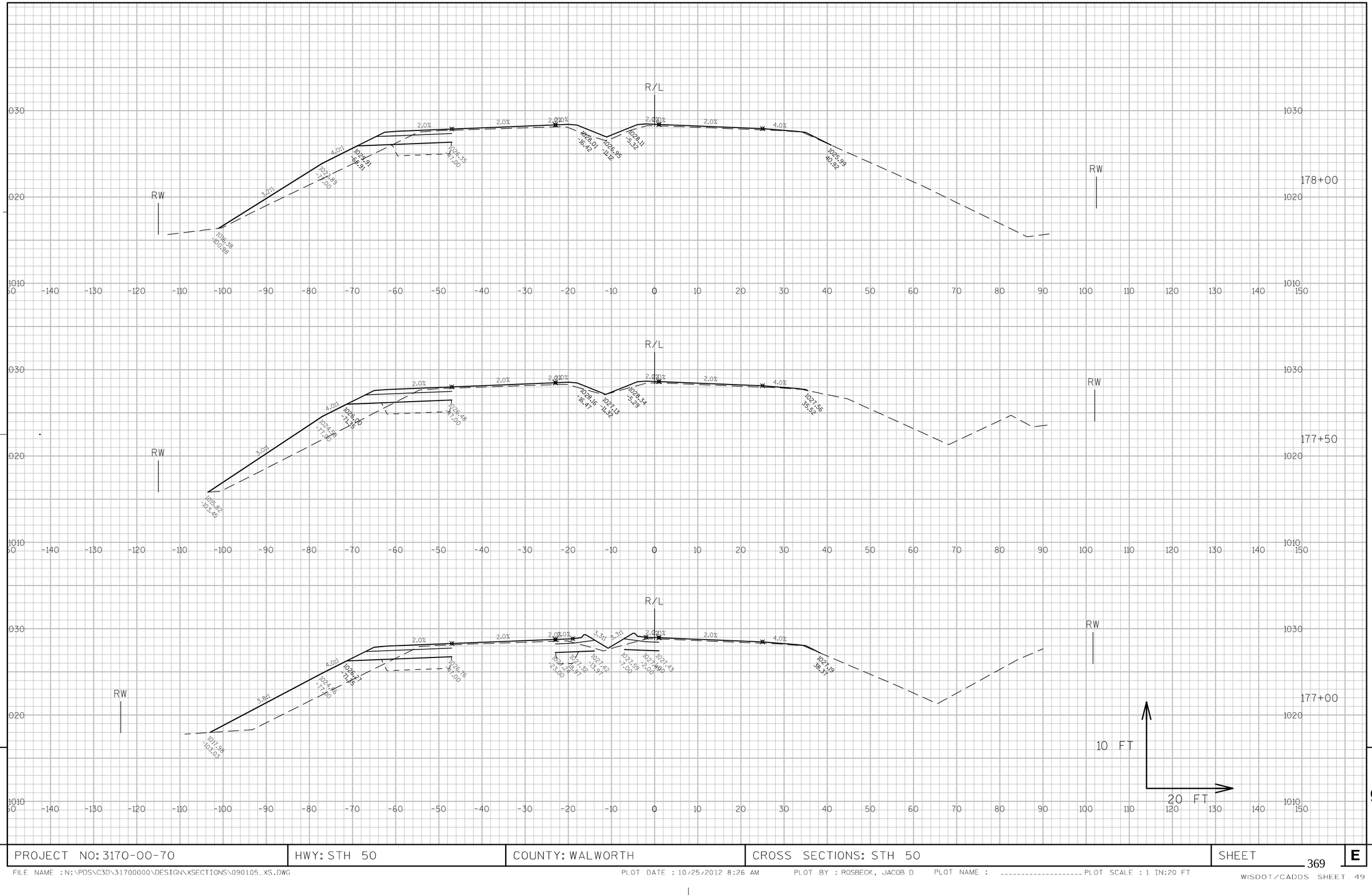


9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET	E

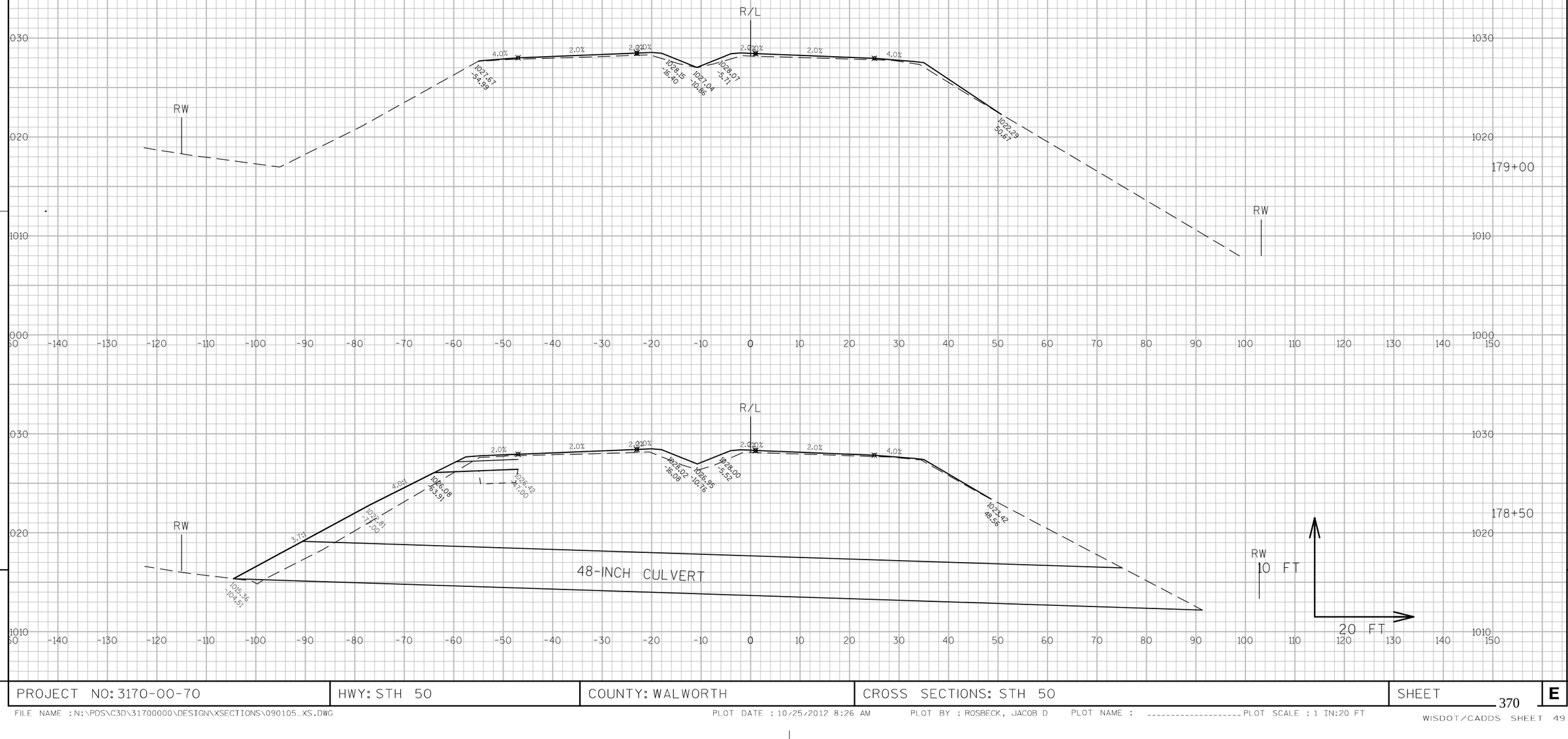
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090105_XS.DWG PLOT DATE : 10/25/2012 8:26 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT



9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 369	E



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 370 E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090105_XS.DWG PLOT DATE : 10/25/2012 8:26 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

RW

R/L

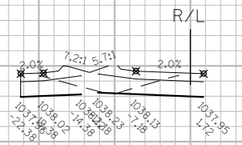


RW

186+00

RW

R/L

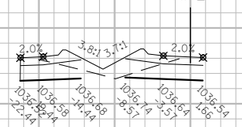


RW

185+50

RW

R/L

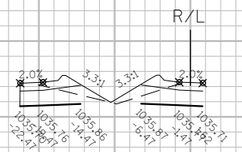


RW

185+00

RW

R/L



RW

10 FT

20 FT

184+71

9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 371	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090106_XS.DWG PLOT DATE : 10/25/2012 10:33 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

RW

1050

1040

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

R/L

1.8%

1046.93
-22.05

1046.51
2.12

RW

188+50

RW

1050

1040

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

R/L

2.0%

1045.70
-22.10

1045.21
2.09

RW

188+00

RW

1050

1040

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

R/L

2.0%

1044.16
-22.16

1044.16
-22.16

1044.32
-12.16

1044.98
-2.16

1044.22
1.98

1043.80
1.93

RW

187+50

RW

1050

1040

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

R/L

2.0%

1042.57
-22.22

1042.57
-22.22

1042.64
-12.22

1042.10
-2.22

1042.47
1.98

1042.25
1.92

RW

187+00

RW

1050

1040

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

R/L

2.0%

1040.97
-22.27

1040.97
-22.27

1041.12
-12.27

1041.01
-2.27

1040.79
1.98

RW

186+50

10 FT

RW

20 FT

9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 372	E

RW

R/L

2.0%

2.0%

1050.69
-21.82

1050.48
-10.82

1050.97
-3.62

1050.65
3.62

1050.42
10.82

1050

190+50

1040

50 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

RW

R/L

2.0%

2.0%

1049.93
-21.58

1050.18
-10.69

1050.21
-3.59

1049.99
3.59

1049.63
10.91

1050

190+00

1040

50 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

RW

R/L

2.0%

2.0%

1049.05
-21.54

1048.94
-10.94

1048.33
-3.73

1048.68
3.75

1048.71
10.92

1050

189+50

1040

50 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

RW

R/L

0.4%

2.0%

1048.05
-21.59

1048.11
-10.99

1048.11
-3.82

1047.98
3.89

1047.67
10.99

1050

189+00

1040

50 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

RW

10 FT

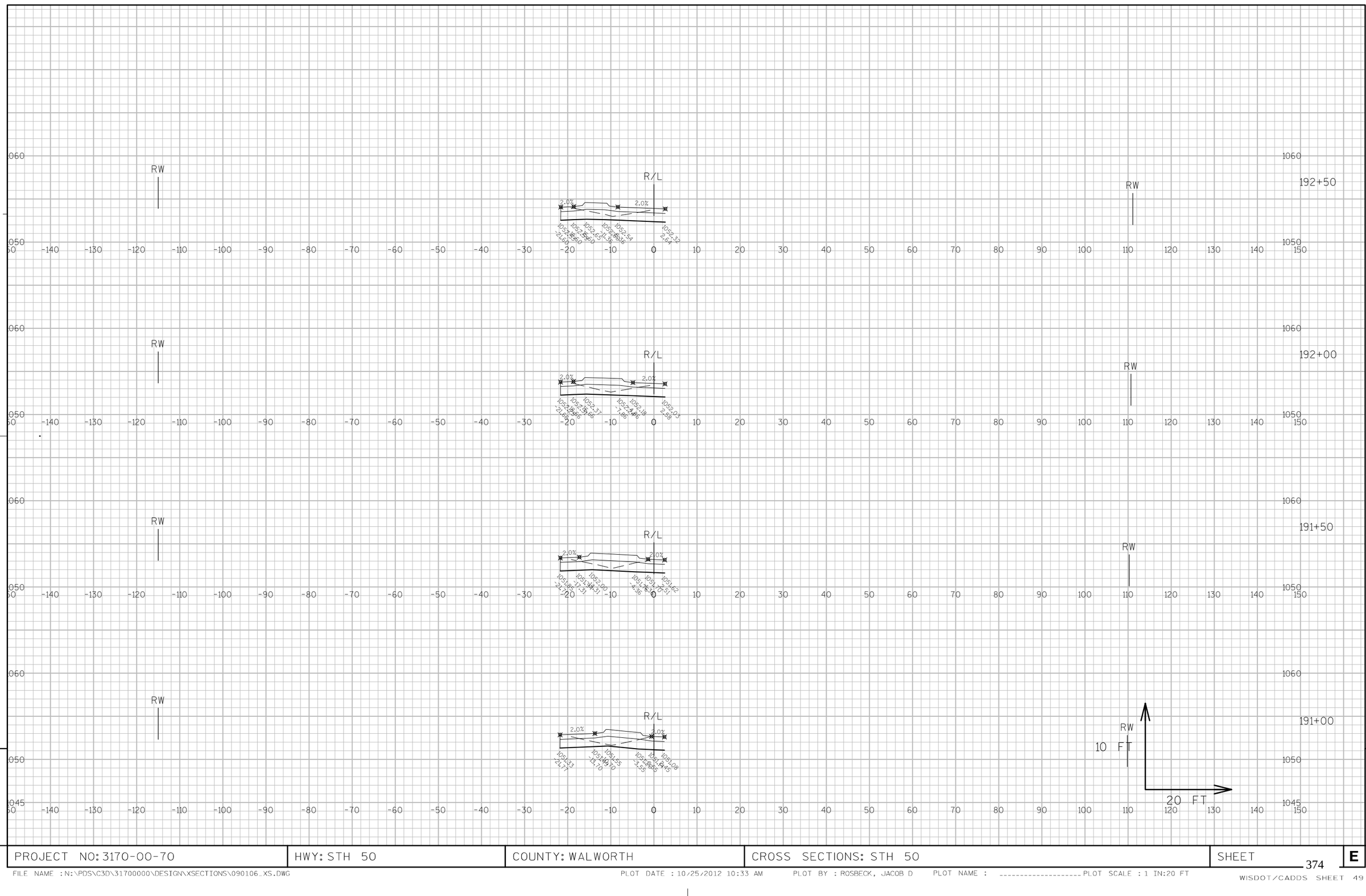
20 FT

9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 373	E

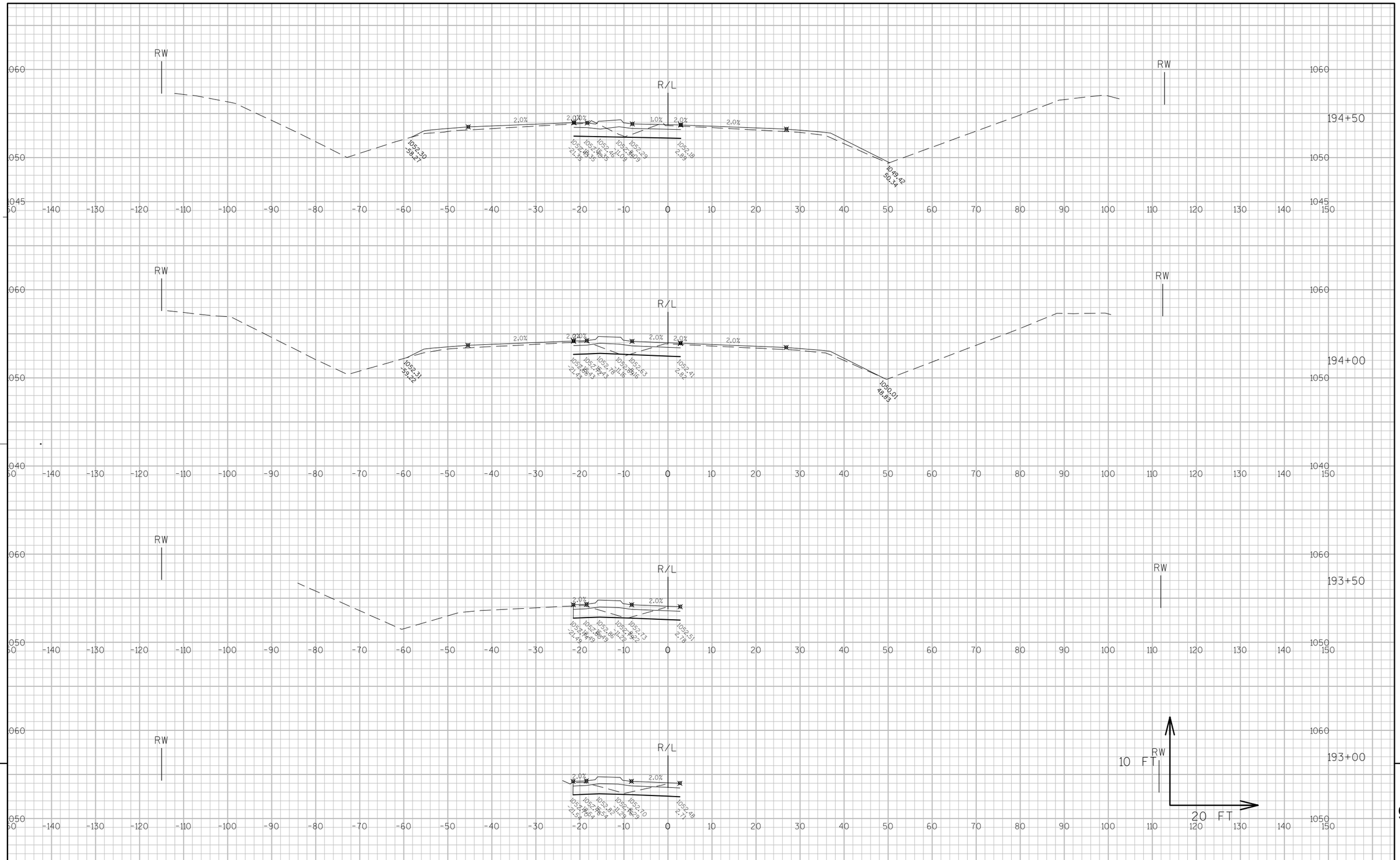
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090106_XS.DWG PLOT DATE : 10/25/2012 10:33 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 374	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090106_XS.DWG PLOT DATE : 10/25/2012 10:33 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

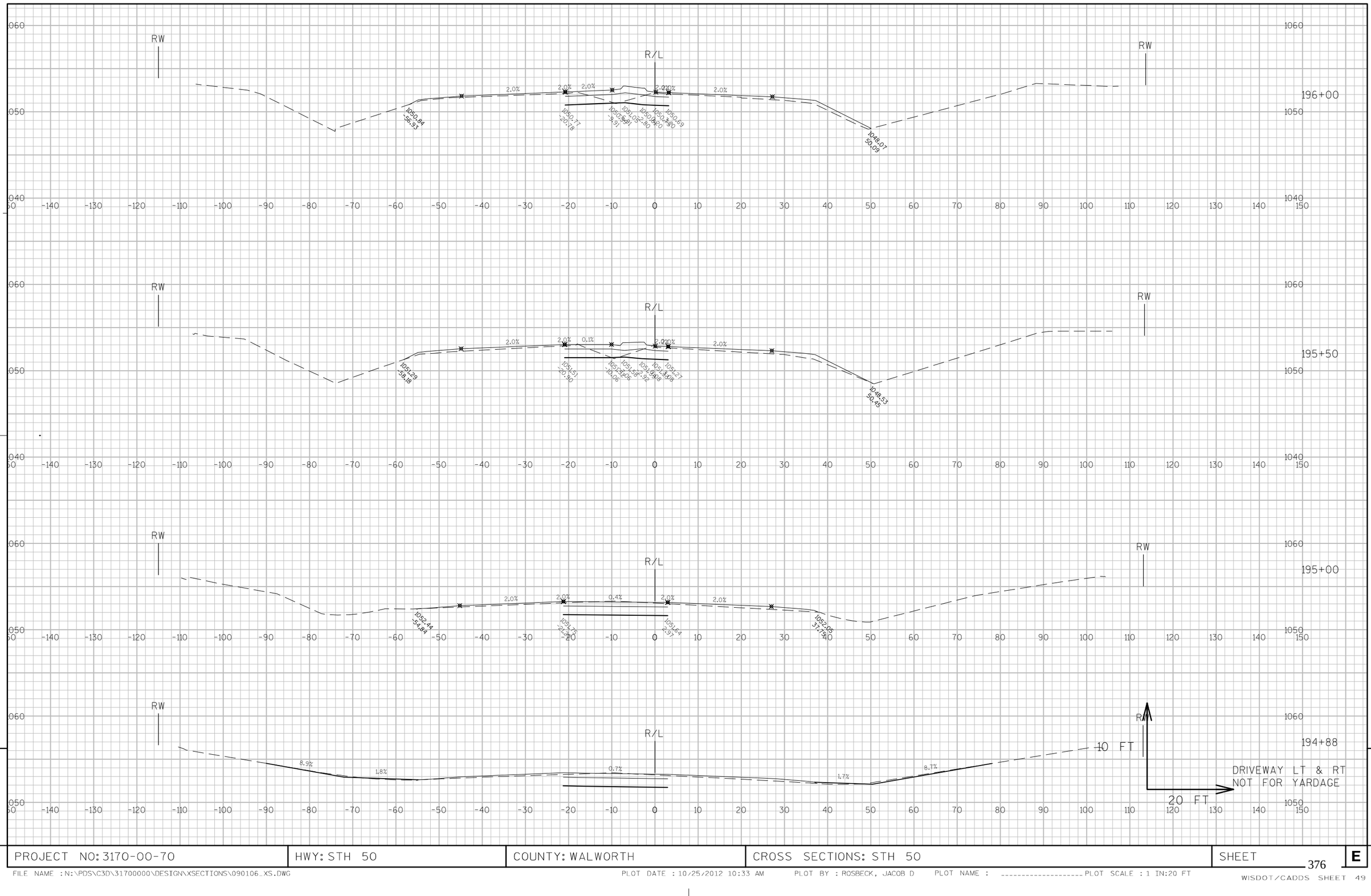


9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 375	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090106_XS.DWG PLOT DATE : 10/25/2012 10:33 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT



9

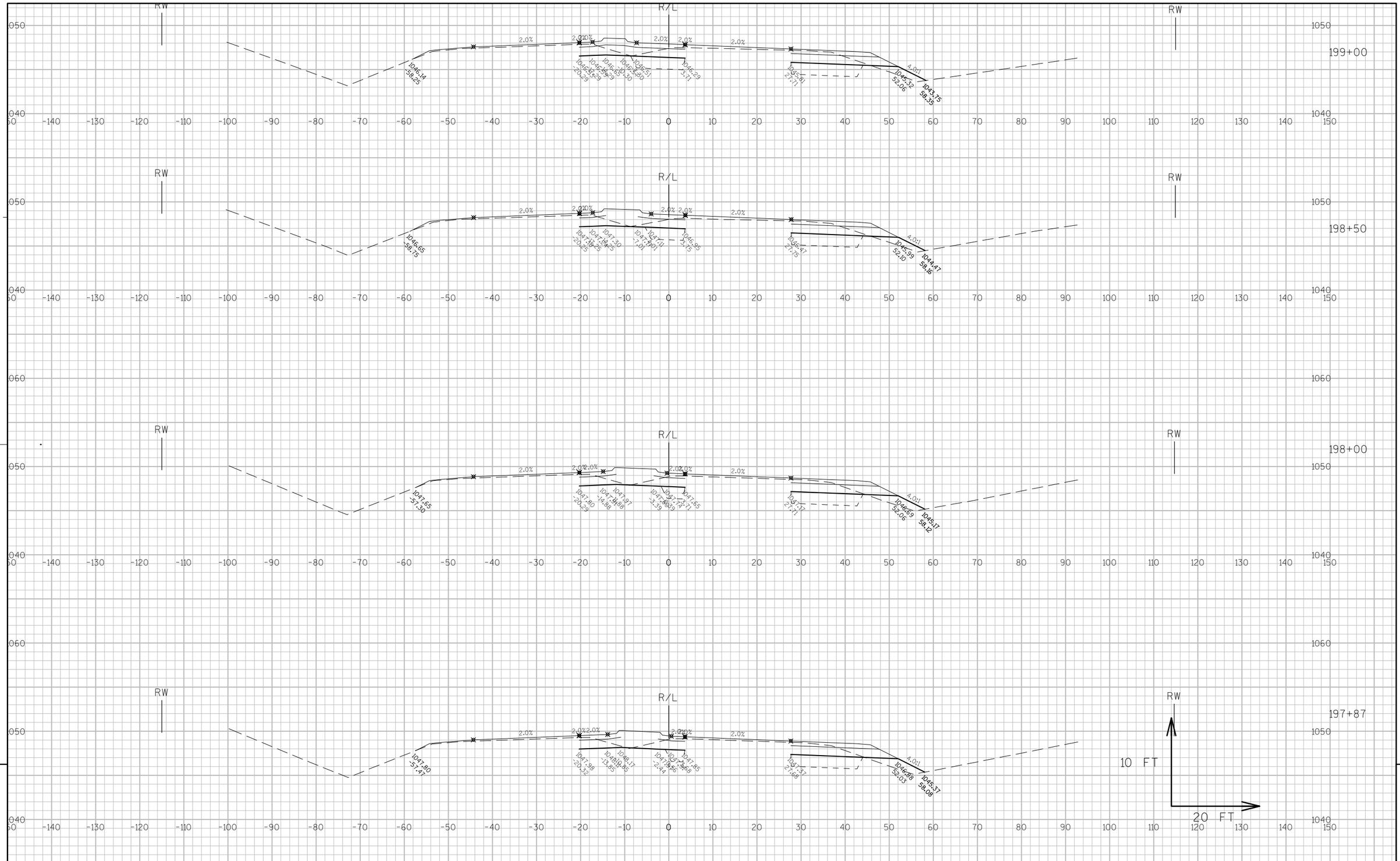
9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 376	E

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 377	E

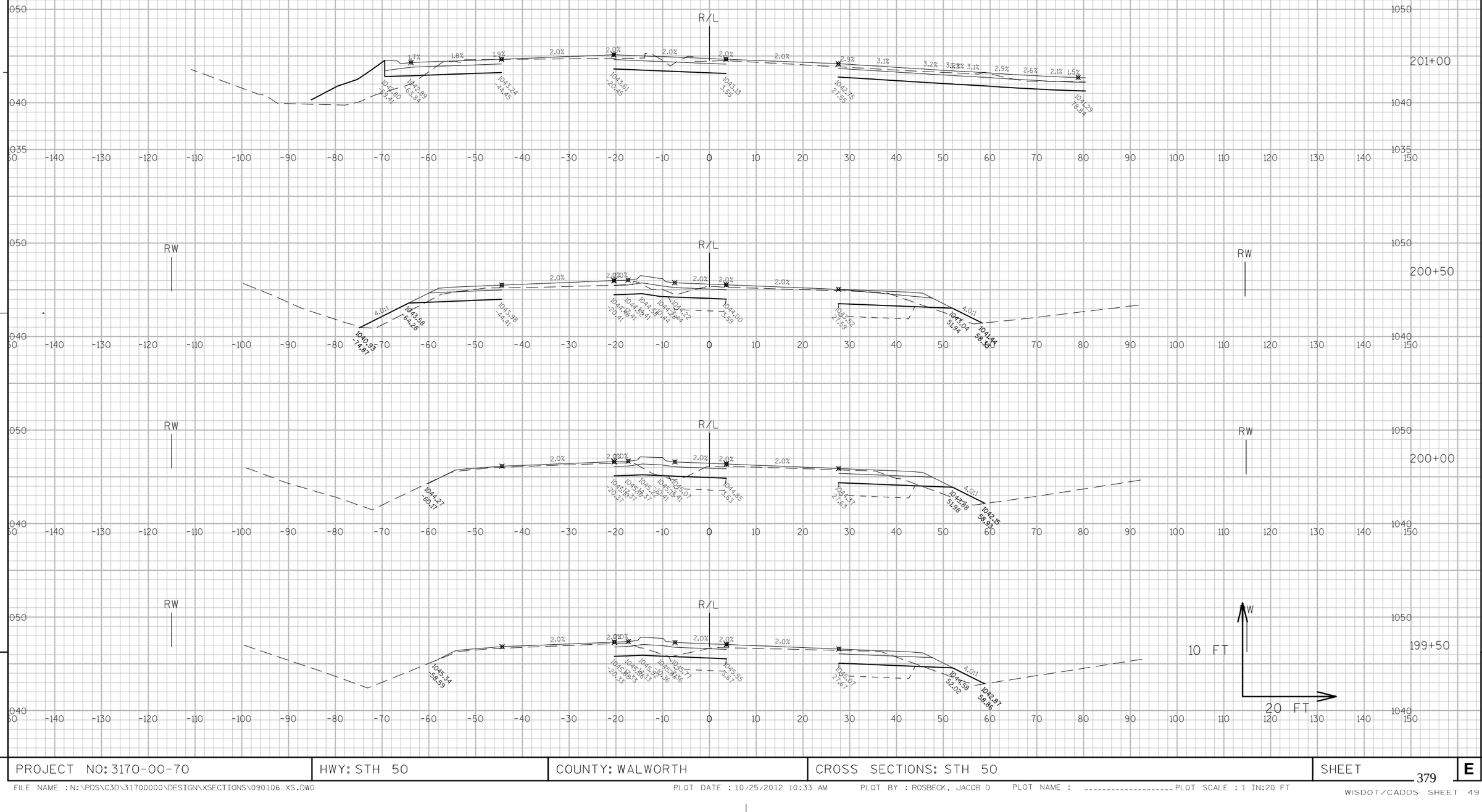
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090106_XS.DWG PLOT DATE : 10/25/2012 10:33 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

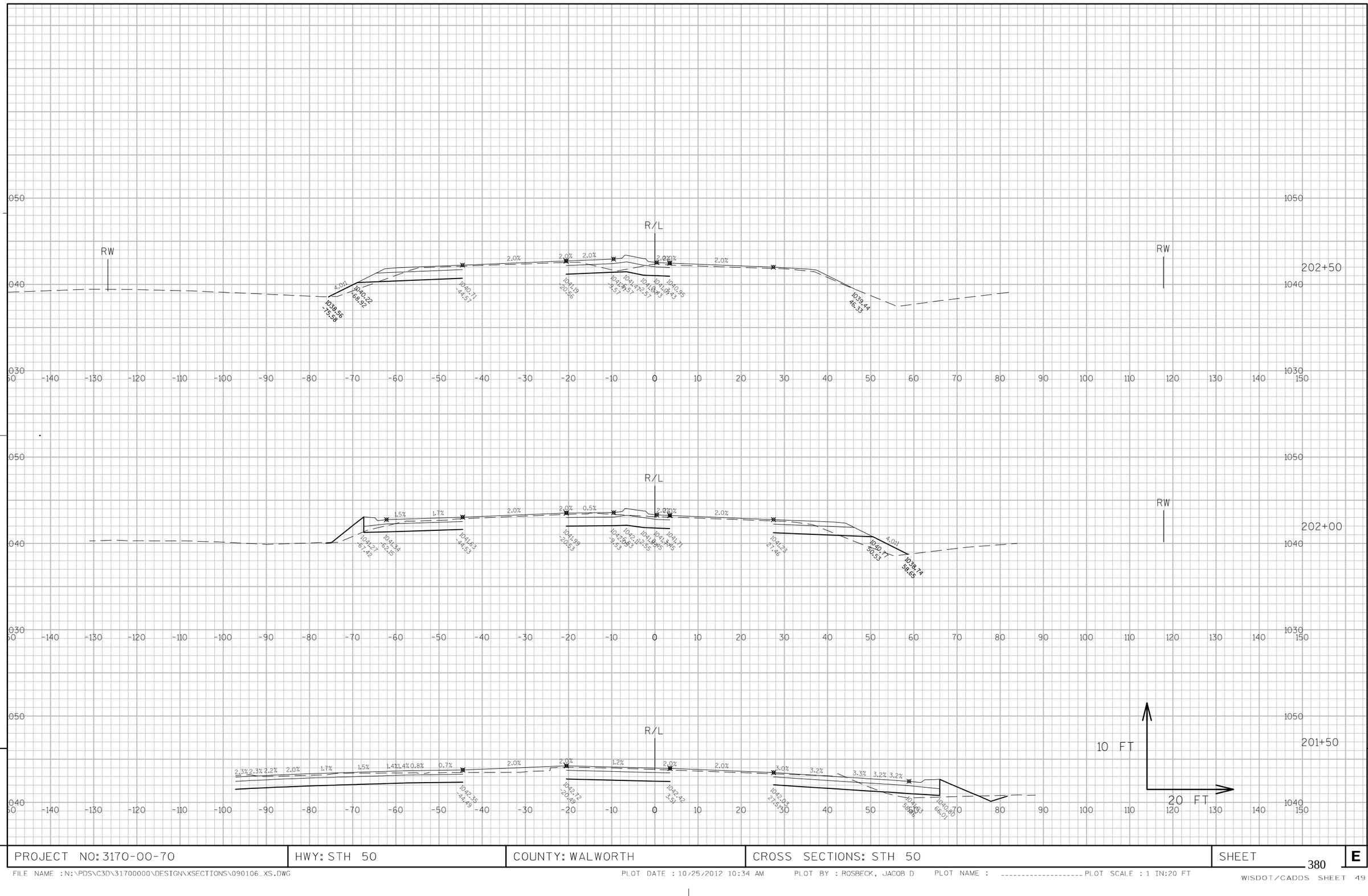
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 378	E



9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 379	E



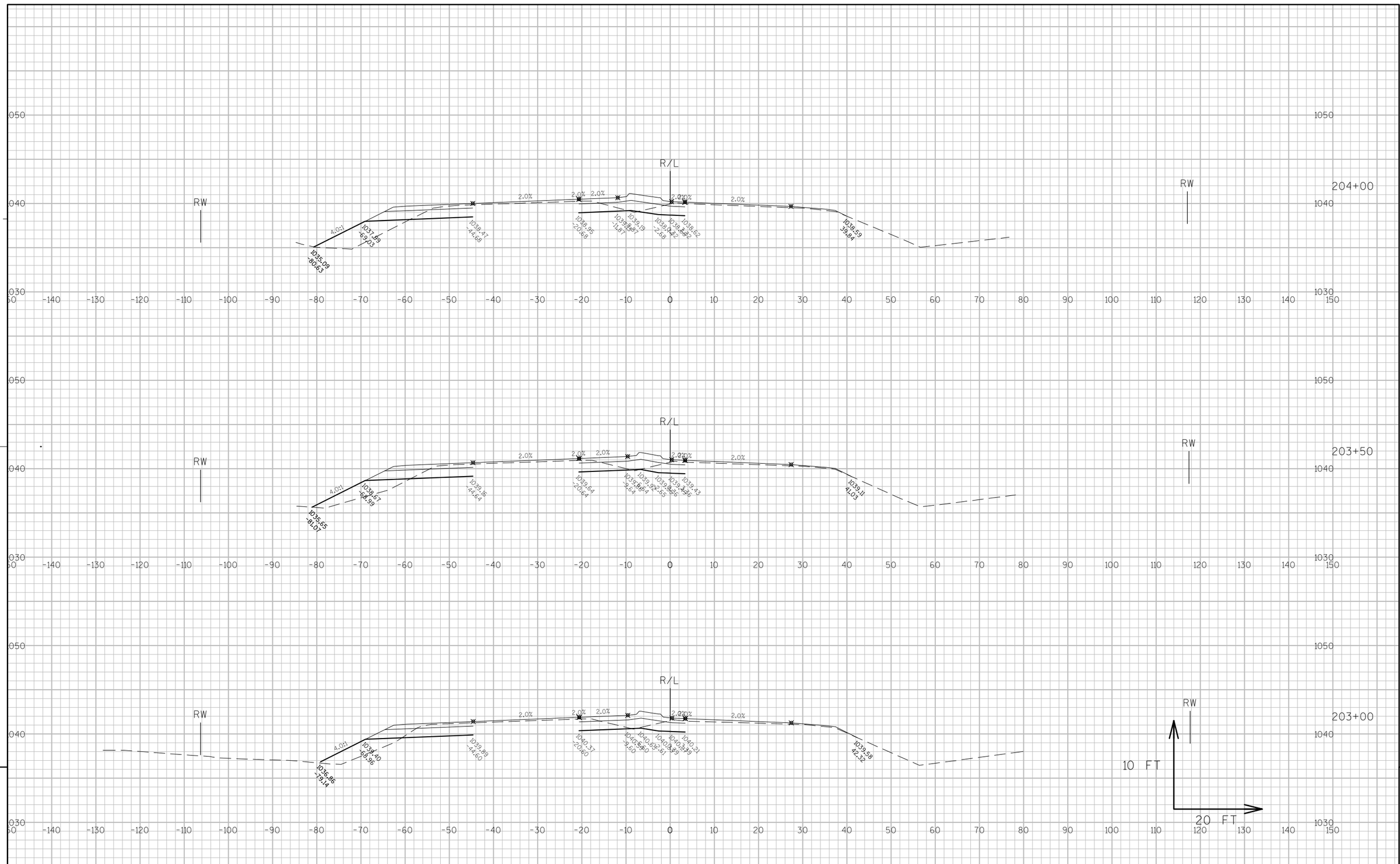
9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 380	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090106_XS.DWG PLOT DATE : 10/25/2012 10:34 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

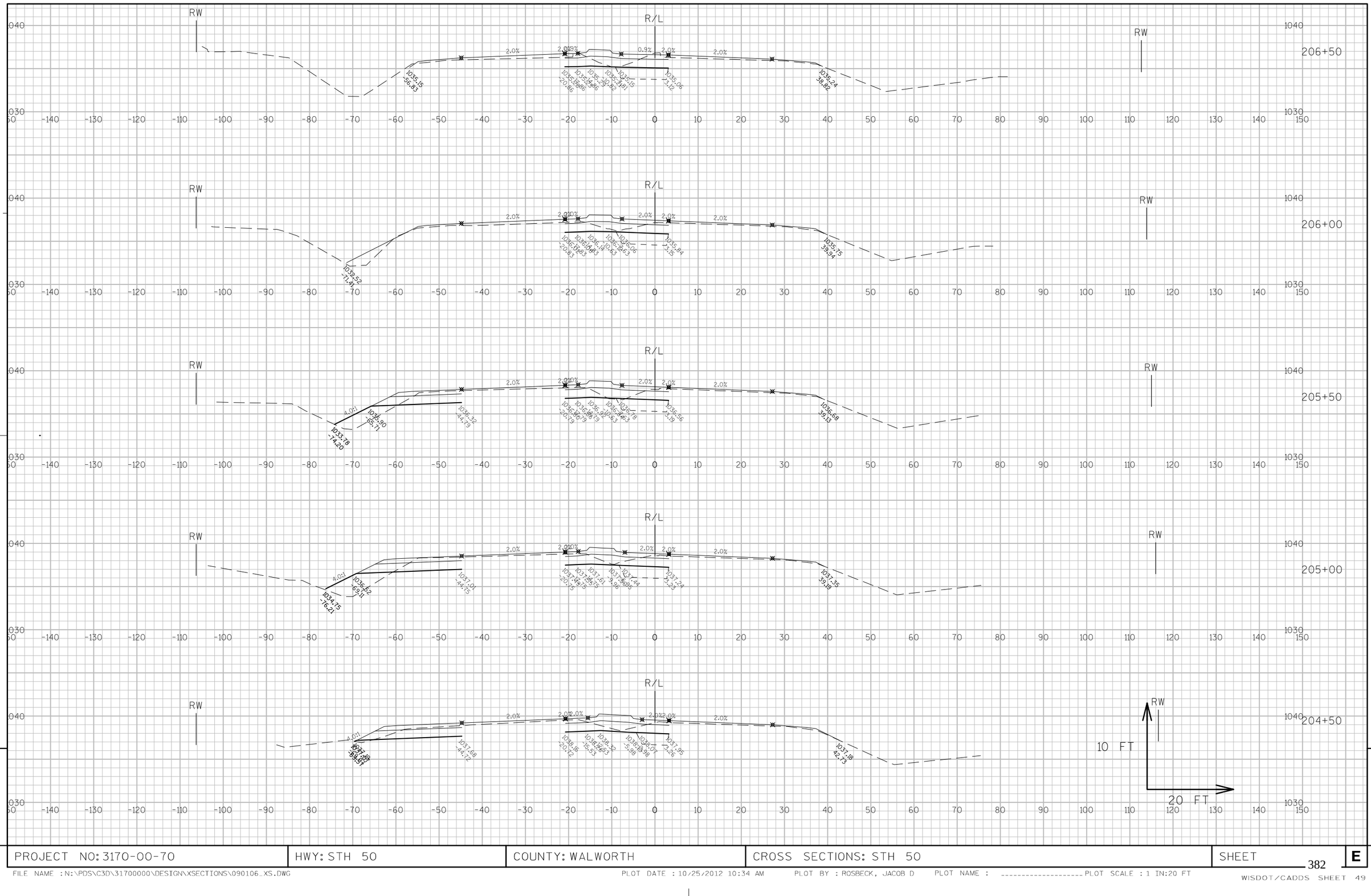
WISDOT/CADDS SHEET 49



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 381	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090106_XS.DWG PLOT DATE : 10/25/2012 10:34 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT

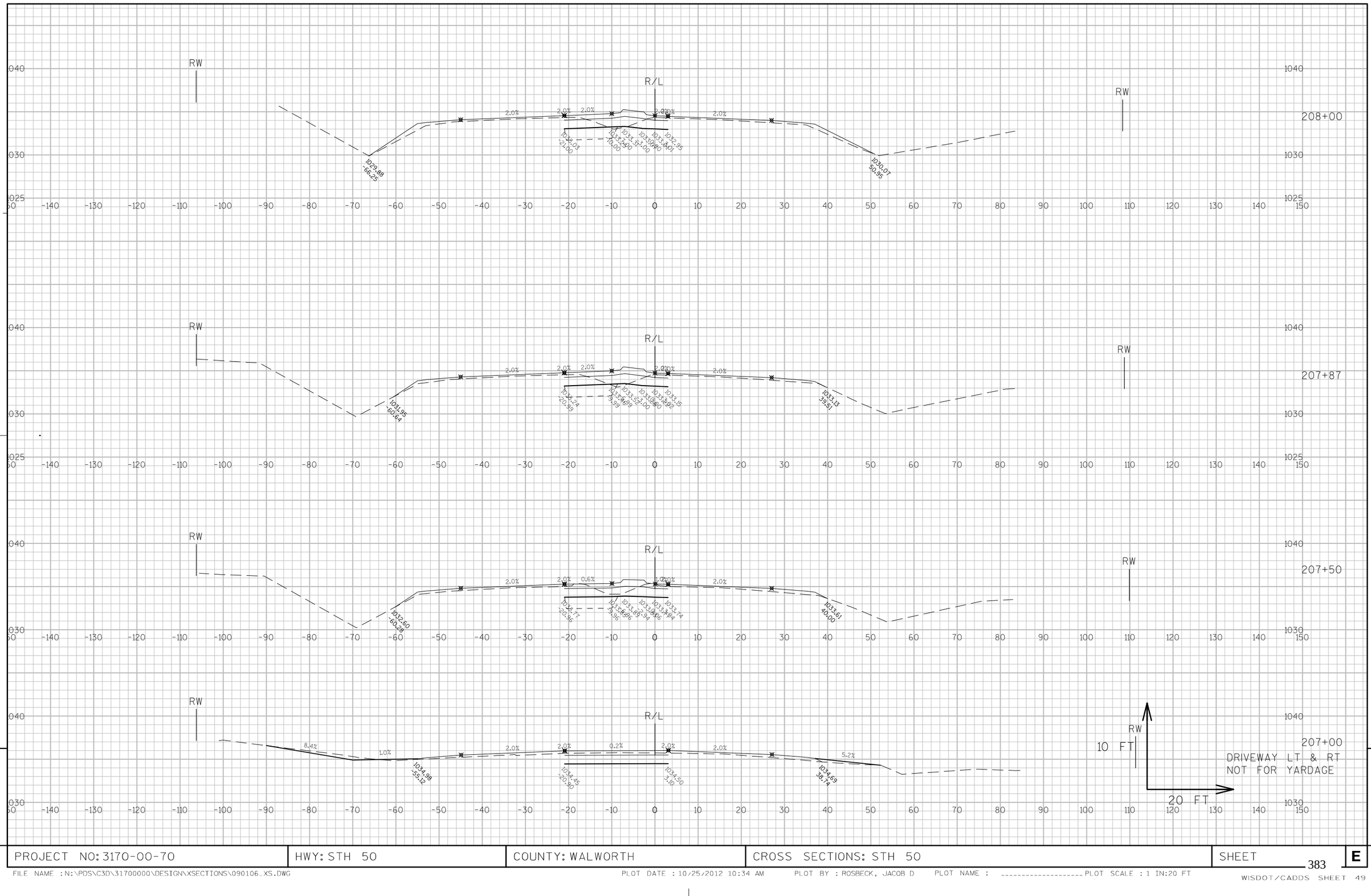
WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 382	E



9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 383	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090106_XS.DWG PLOT DATE : 10/25/2012 10:34 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

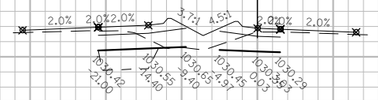
WISDOT/CADDS SHEET 49

RW

R/L

RW

210+00

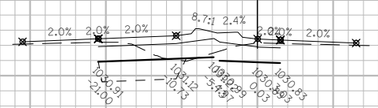


RW

R/L

RW

209+50

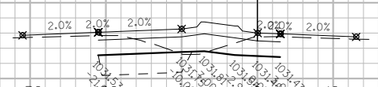


RW

R/L

RW

209+00

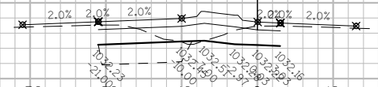


RW

R/L

RW

208+50



RW

10 FT

20 FT

9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 384	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090106_XS.DWG PLOT DATE : 10/25/2012 10:34 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

RW

R/L

2.0% 2.0% 2.0% 3.0% 2.2% 2.0% 2.0%

1029.90 -21.00
1030.01 -9.50
1030.11 -13.00
1030.00 4.97
1029.96 0.03
1029.84 9.63

RW

10 FT

20 FT

210+49

1030

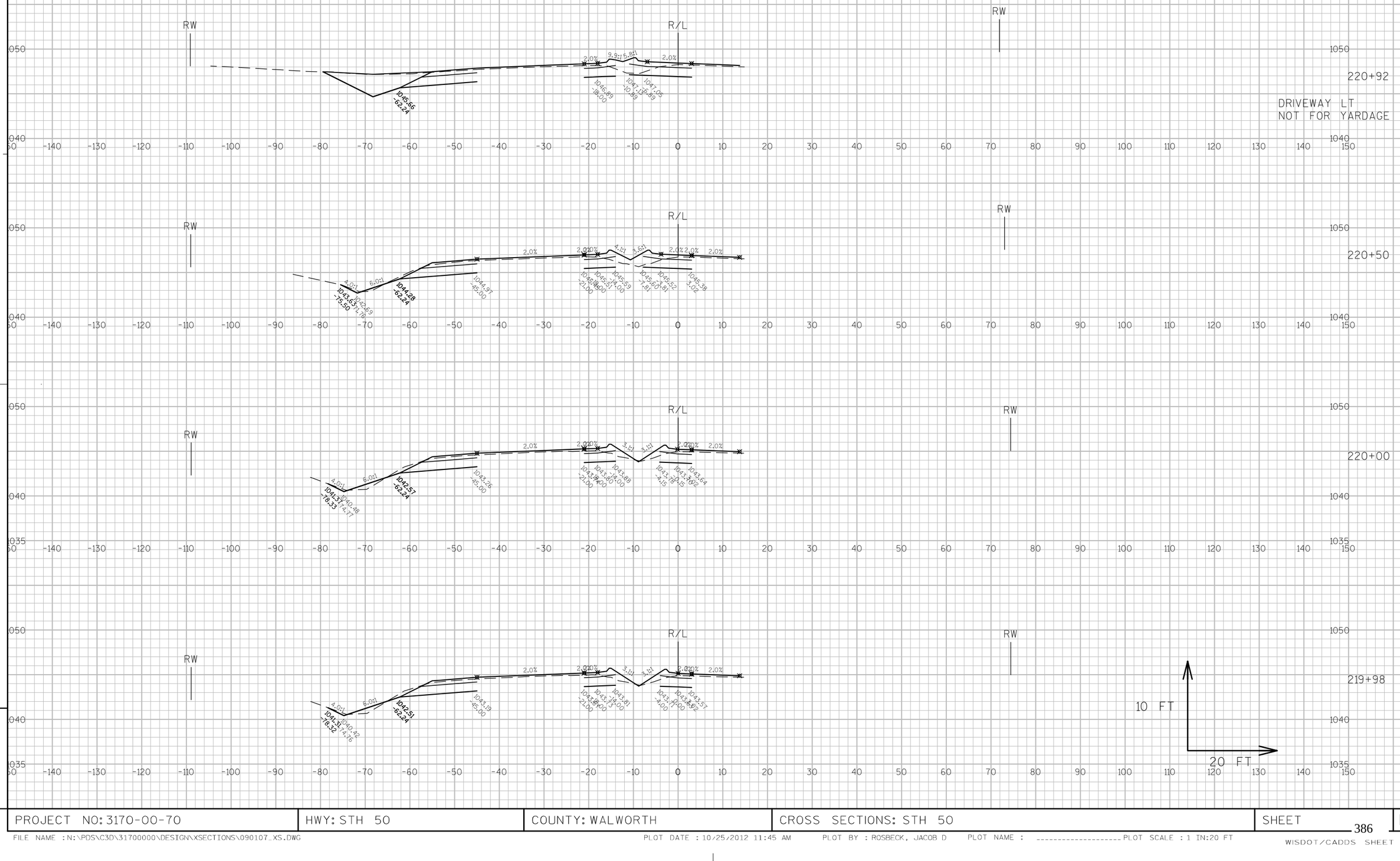
1025

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 385	E

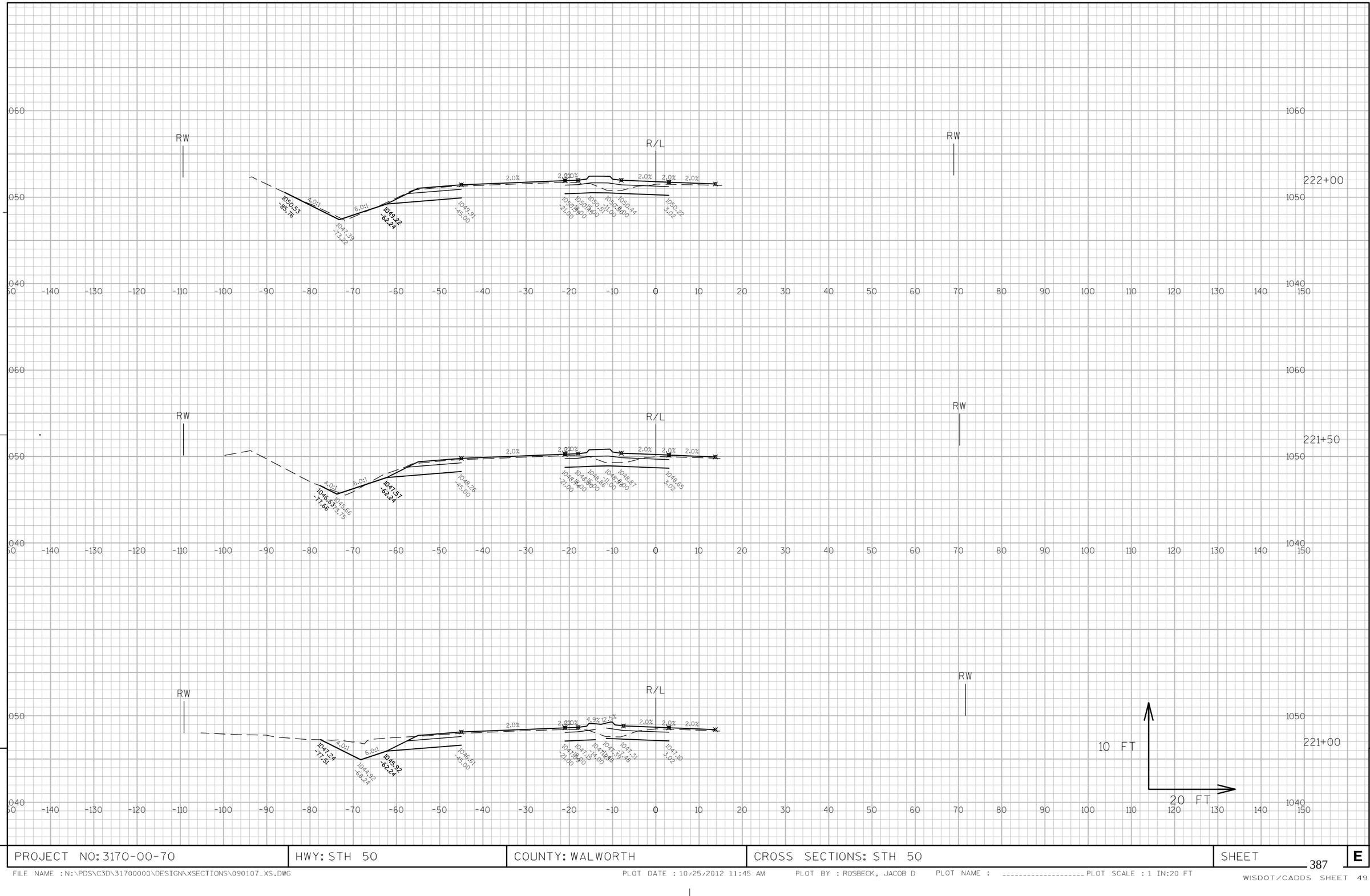


9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 386	E

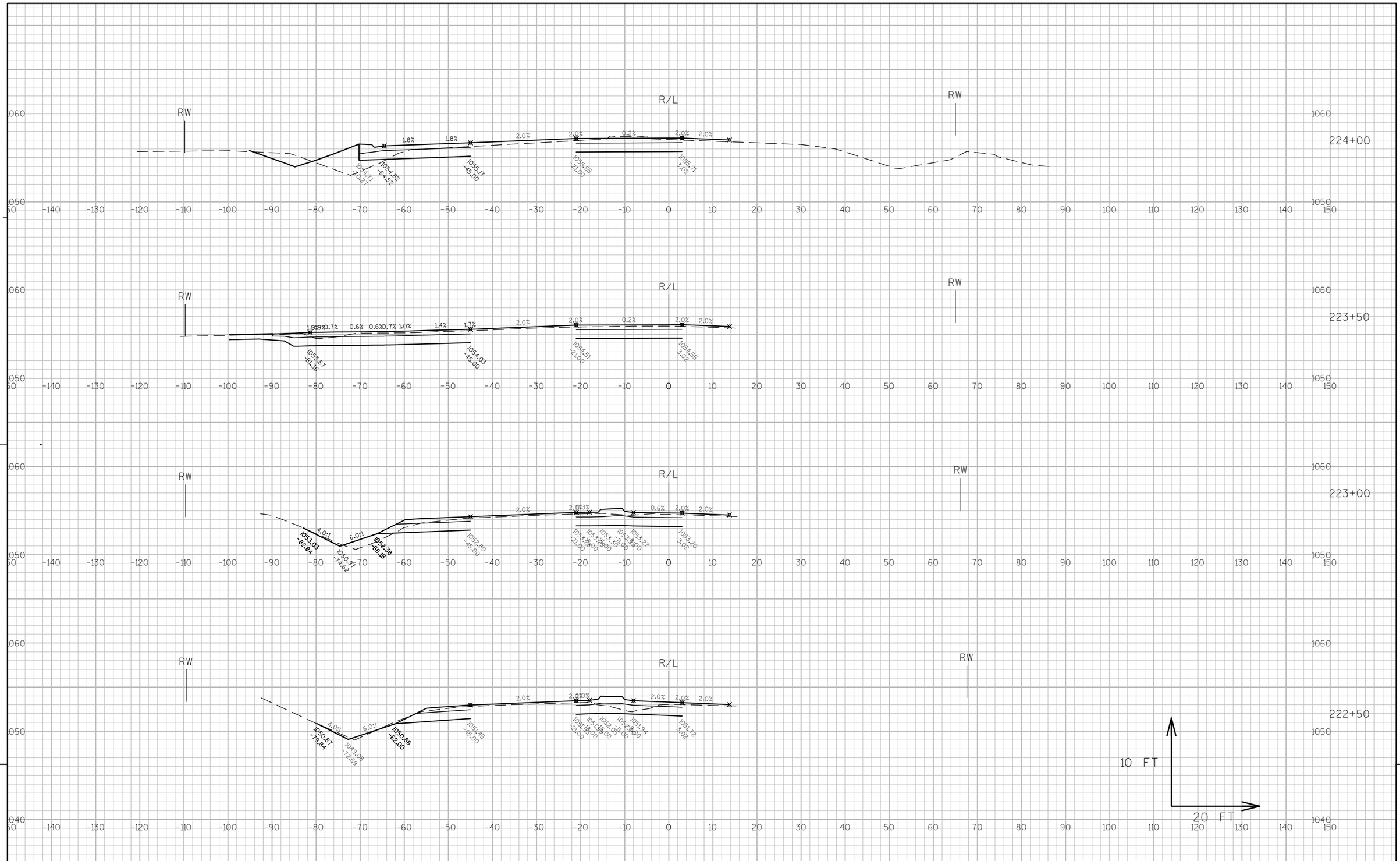
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090107_XS.DWG PLOT DATE : 10/25/2012 11:45 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT



9

9

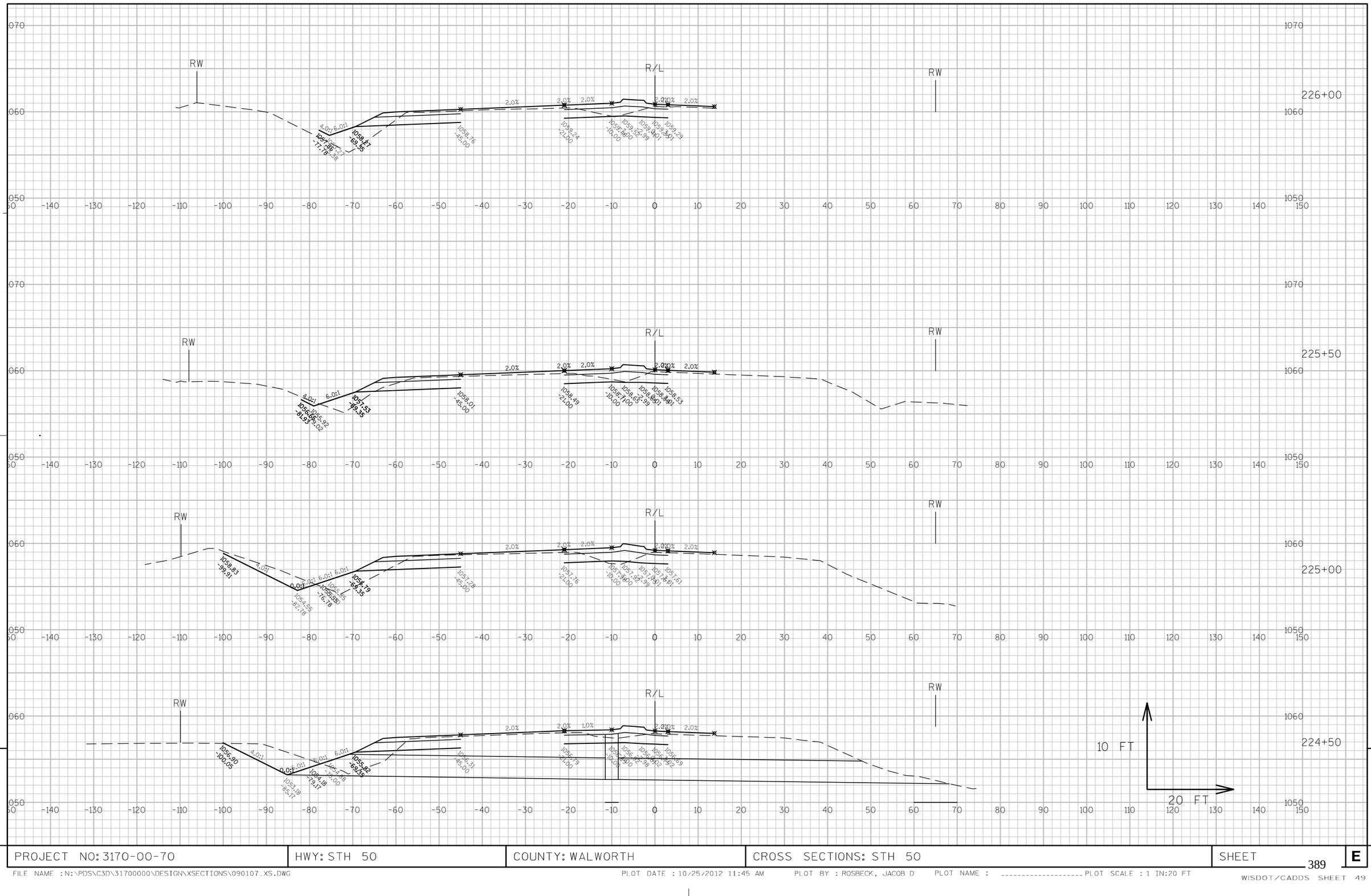
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 387	E



9

9

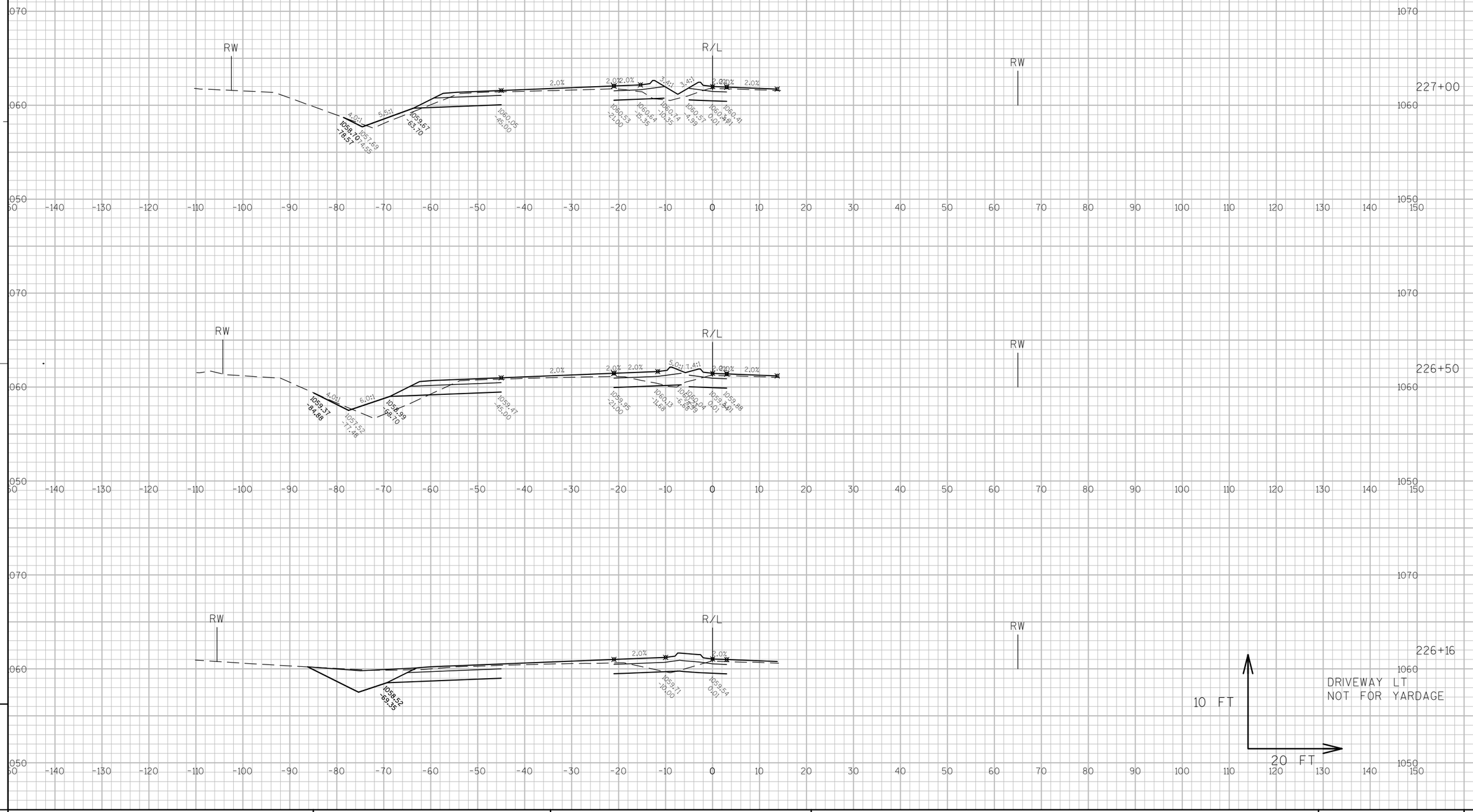
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 388	E



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 389	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090107_XS.DWG PLOT DATE : 10/25/2012 11:45 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

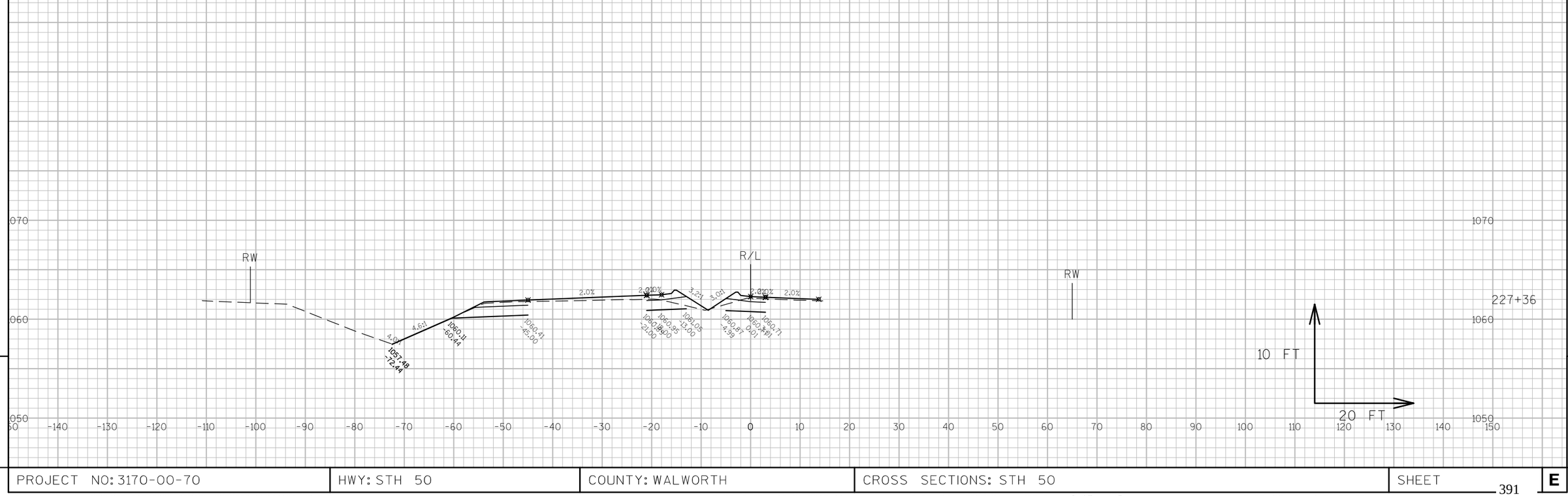
WISDOT/CADDS SHEET 49



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 390	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090107_XS.DWG PLOT DATE : 10/25/2012 11:46 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



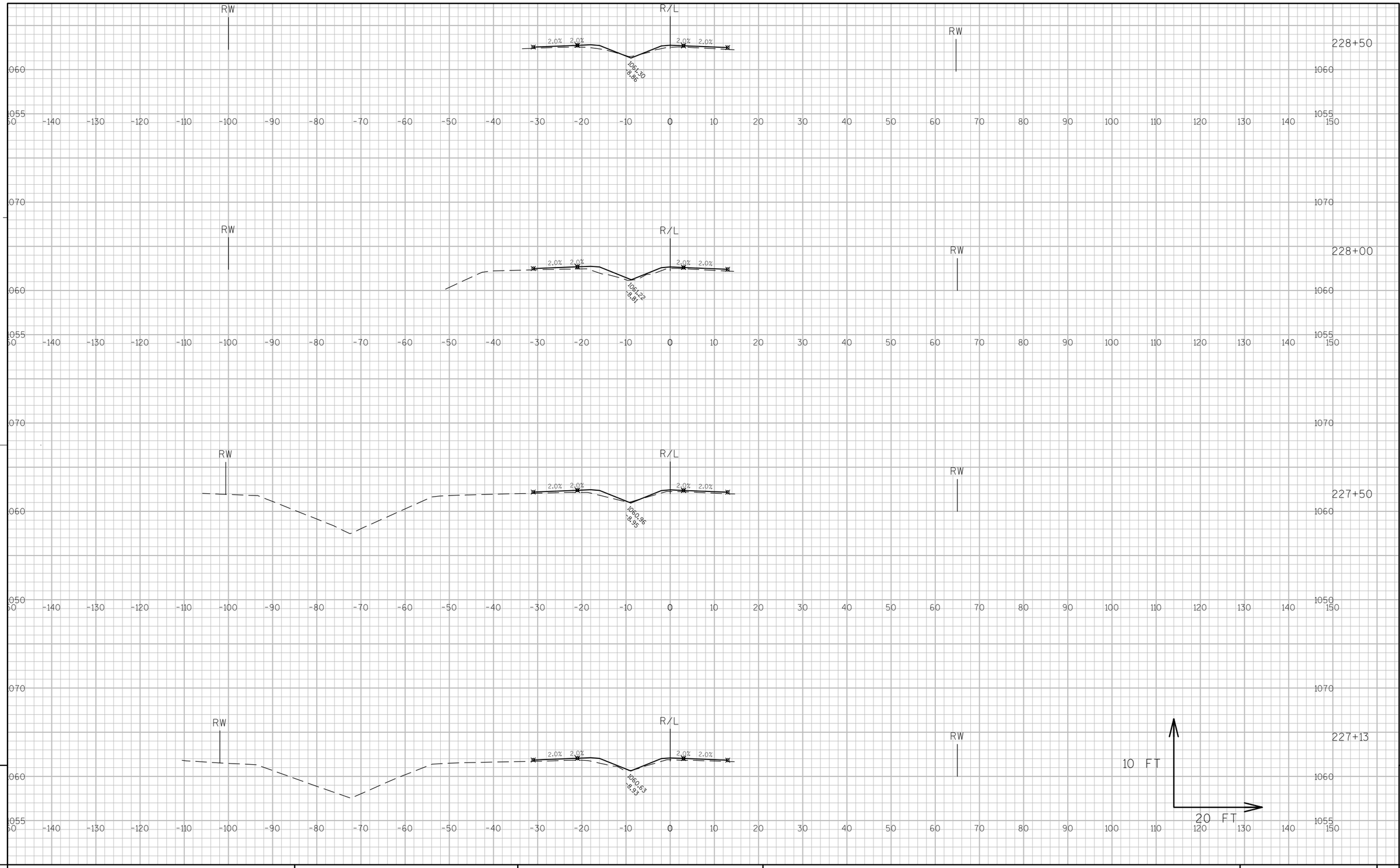
9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 391	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090107_XS.DWG PLOT DATE : 10/25/2012 11:46 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

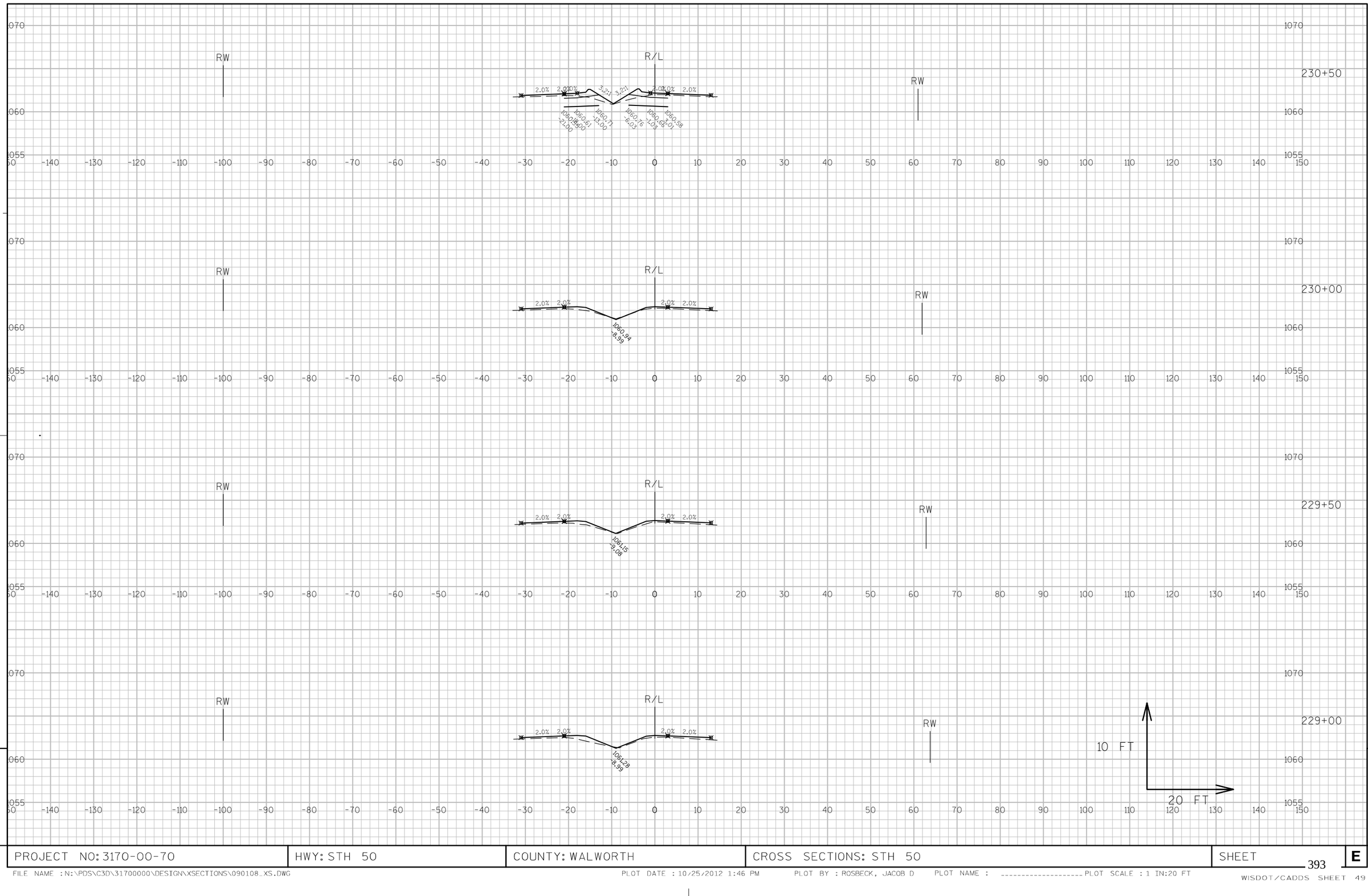


9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090108_XS.DWG PLOT DATE : 10/25/2012 1:46 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT

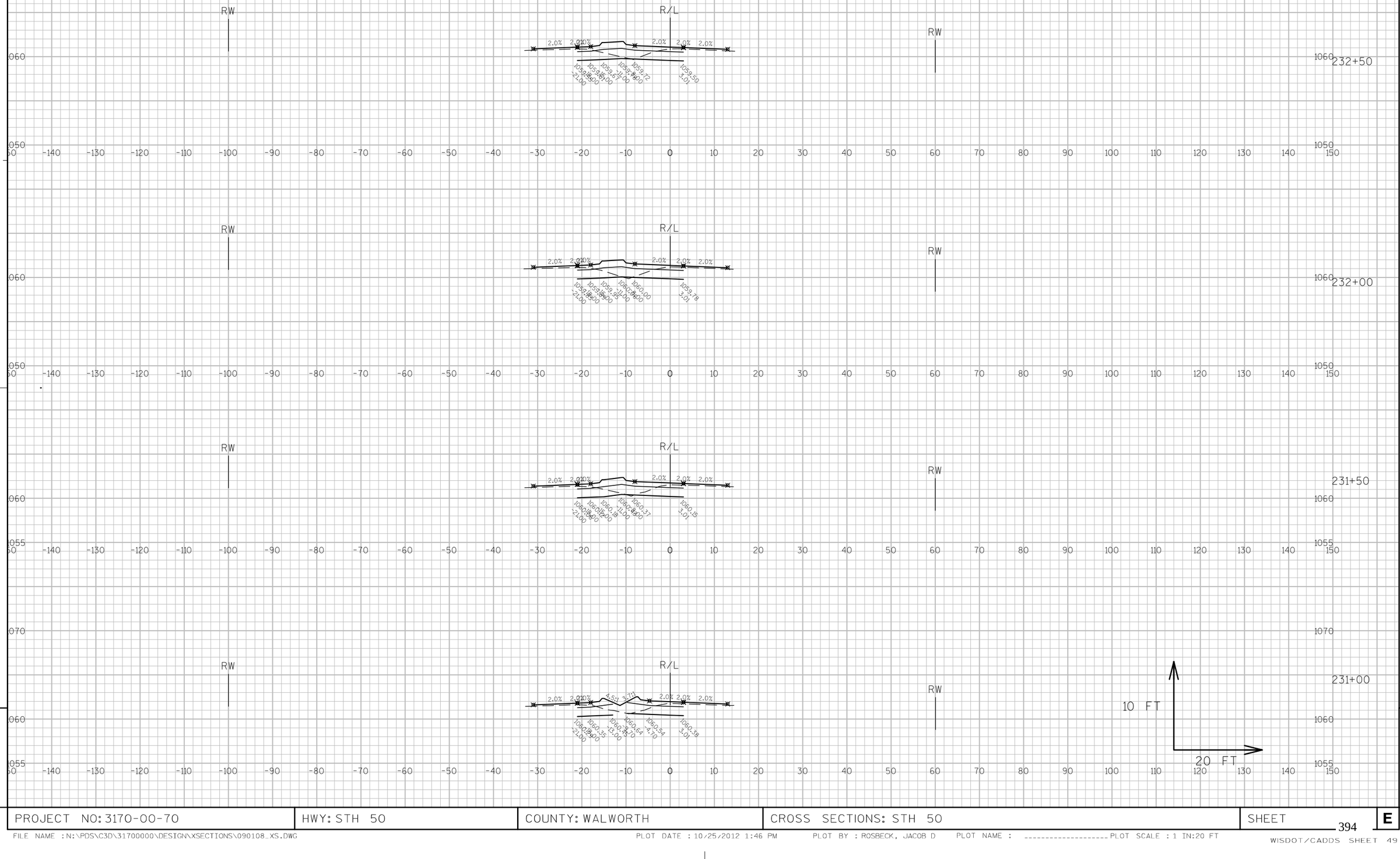


9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 393	E

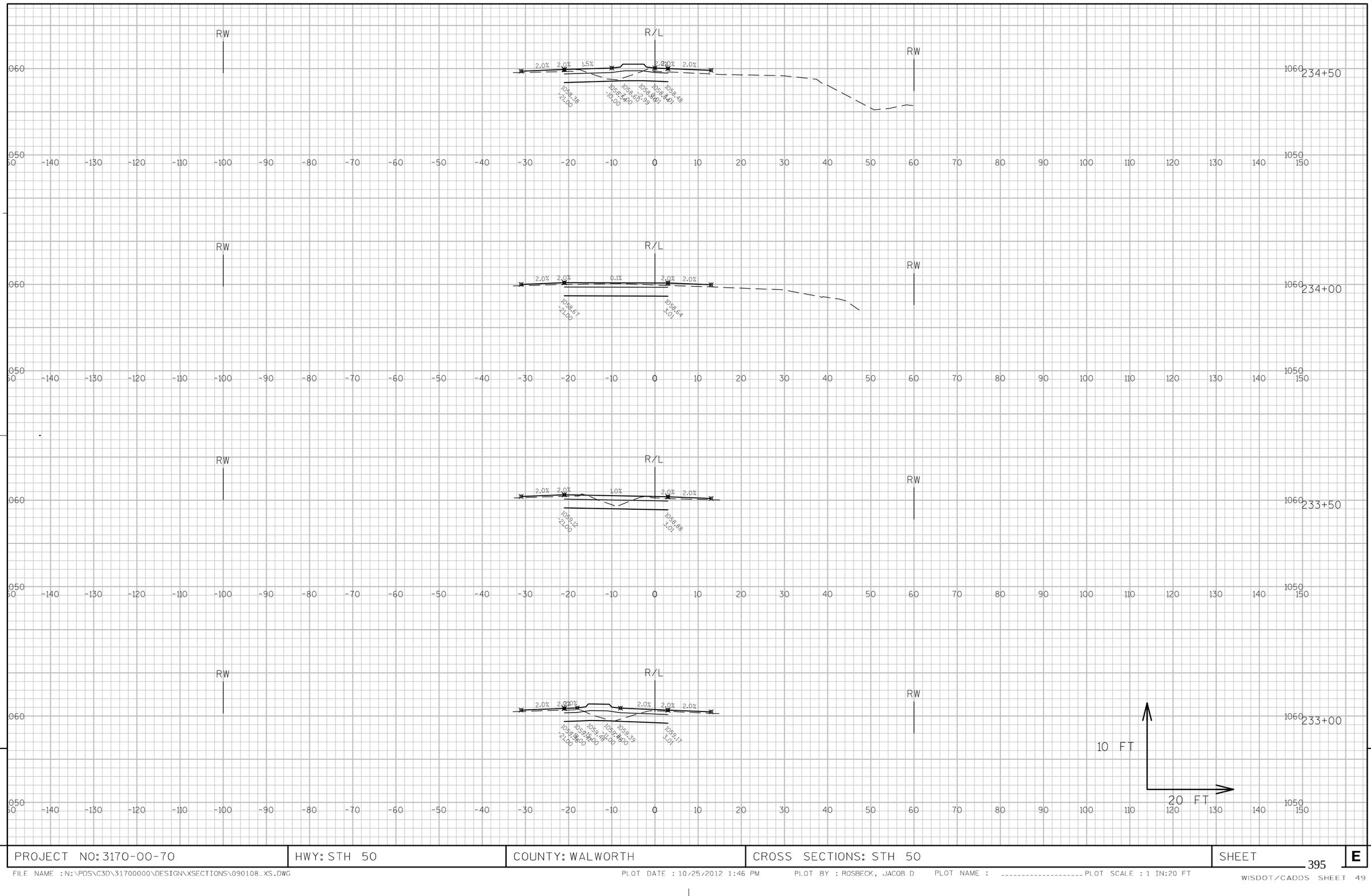
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090108_XS.DWG PLOT DATE : 10/25/2012 1:46 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT



9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 394	E

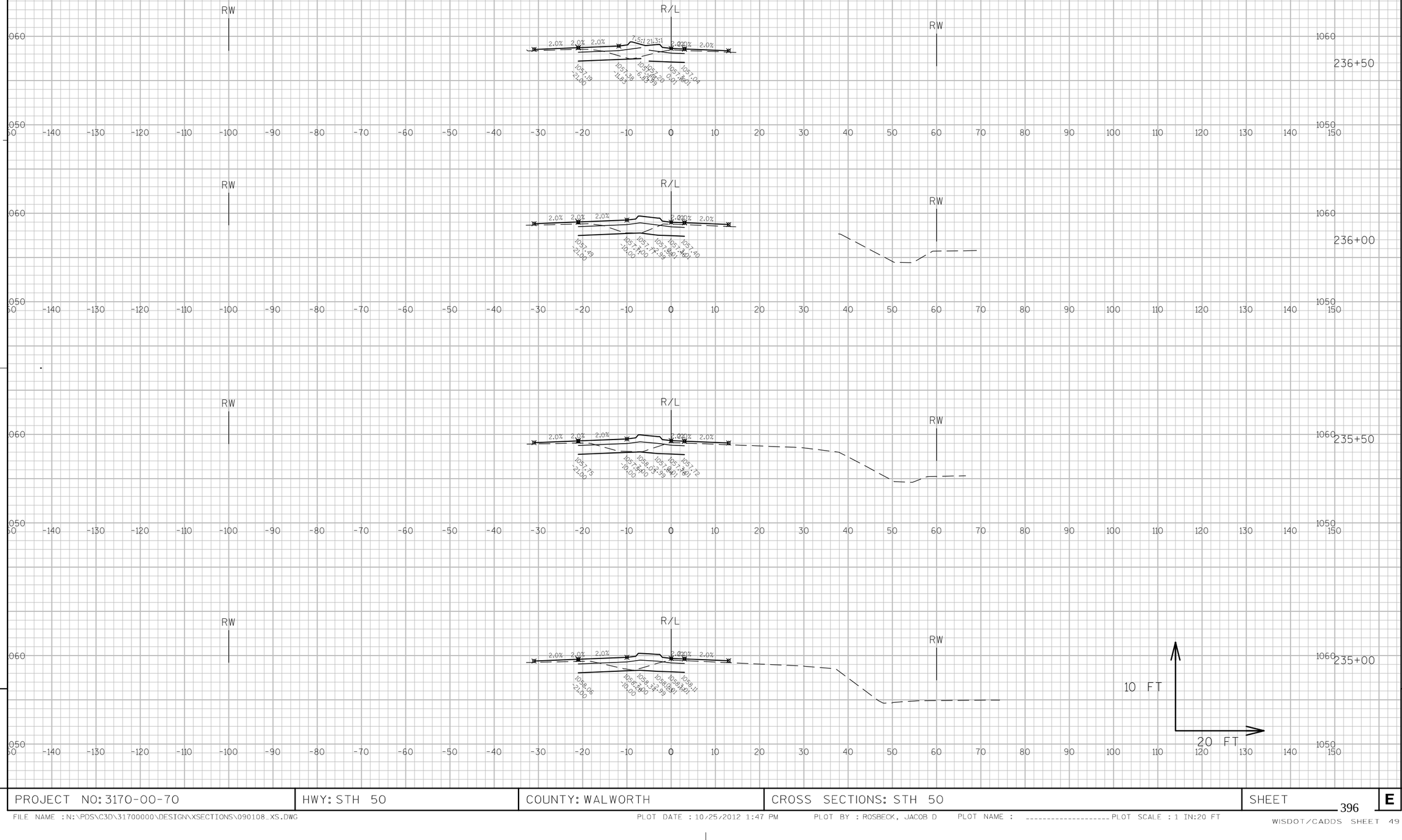


9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 395	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090108_XS.DWG PLOT DATE : 10/25/2012 1:46 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT



9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 396	E

RW R/L RW

239+00

2.0% 2.0% 2.0% 2.0%

1056.00
-8.15

1060 1050

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

RW R/L RW

238+50

2.0% 2.0% 2.0% 2.0%

1056.29
-7.98

1060 1050

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

RW R/L RW

238+00

2.0% 2.0% 2.0% 2.0%

1056.55
-8.09

1060 1050

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

RW R/L RW

237+50

2.0% 2.0% 2.0% 2.0%

1056.85
-8.16

1060 1050

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

RW R/L RW

237+00

2.0% 2.0% 2.0% 3.63% 3.73% 2.0% 2.0%

1055.10
-21.00

1057.21
-15.50

1057.31
-10.50

1057.02
-4.99

1056.86
0.01

10 FT

20 FT

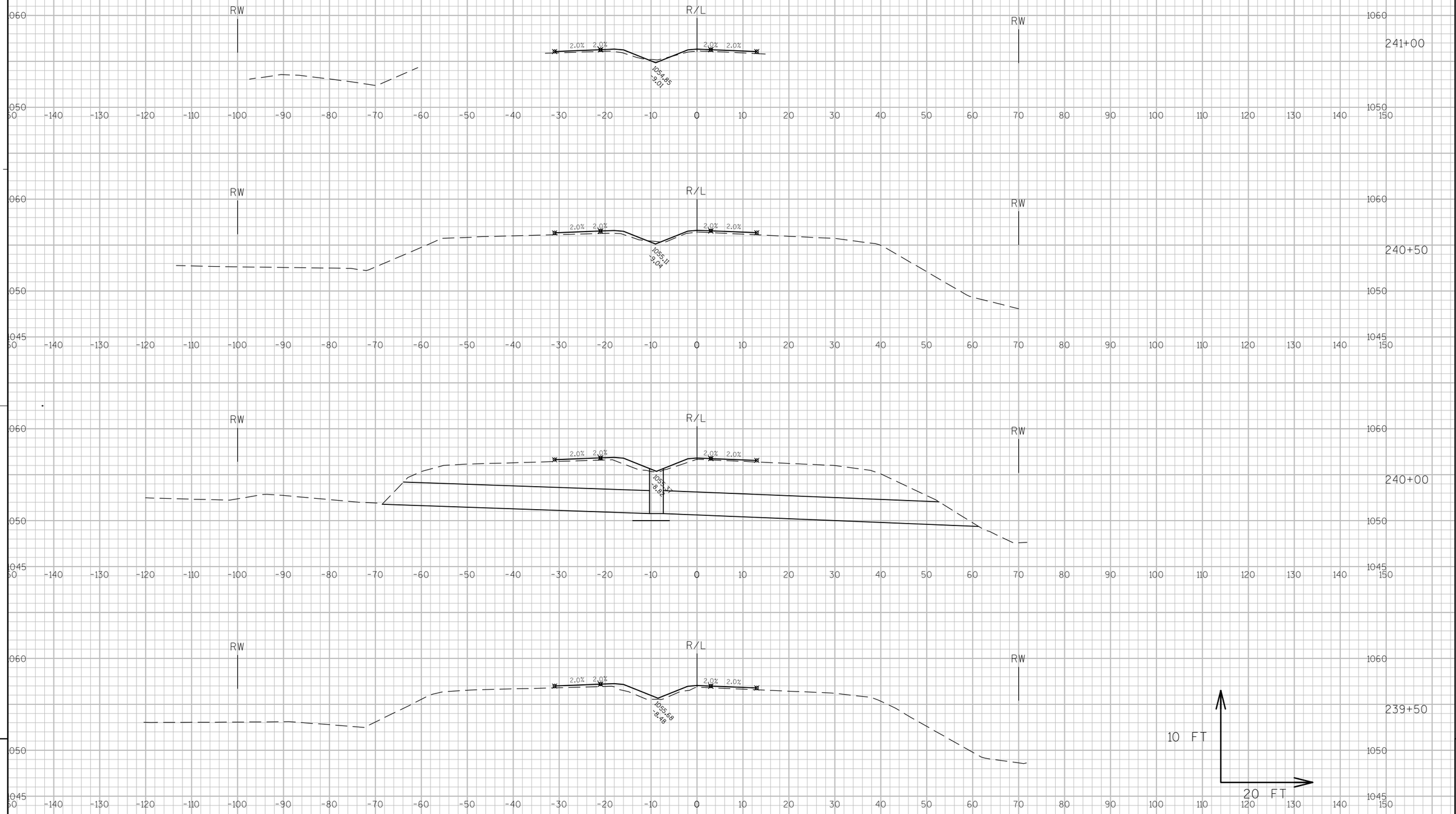
1060 1050

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 397	E



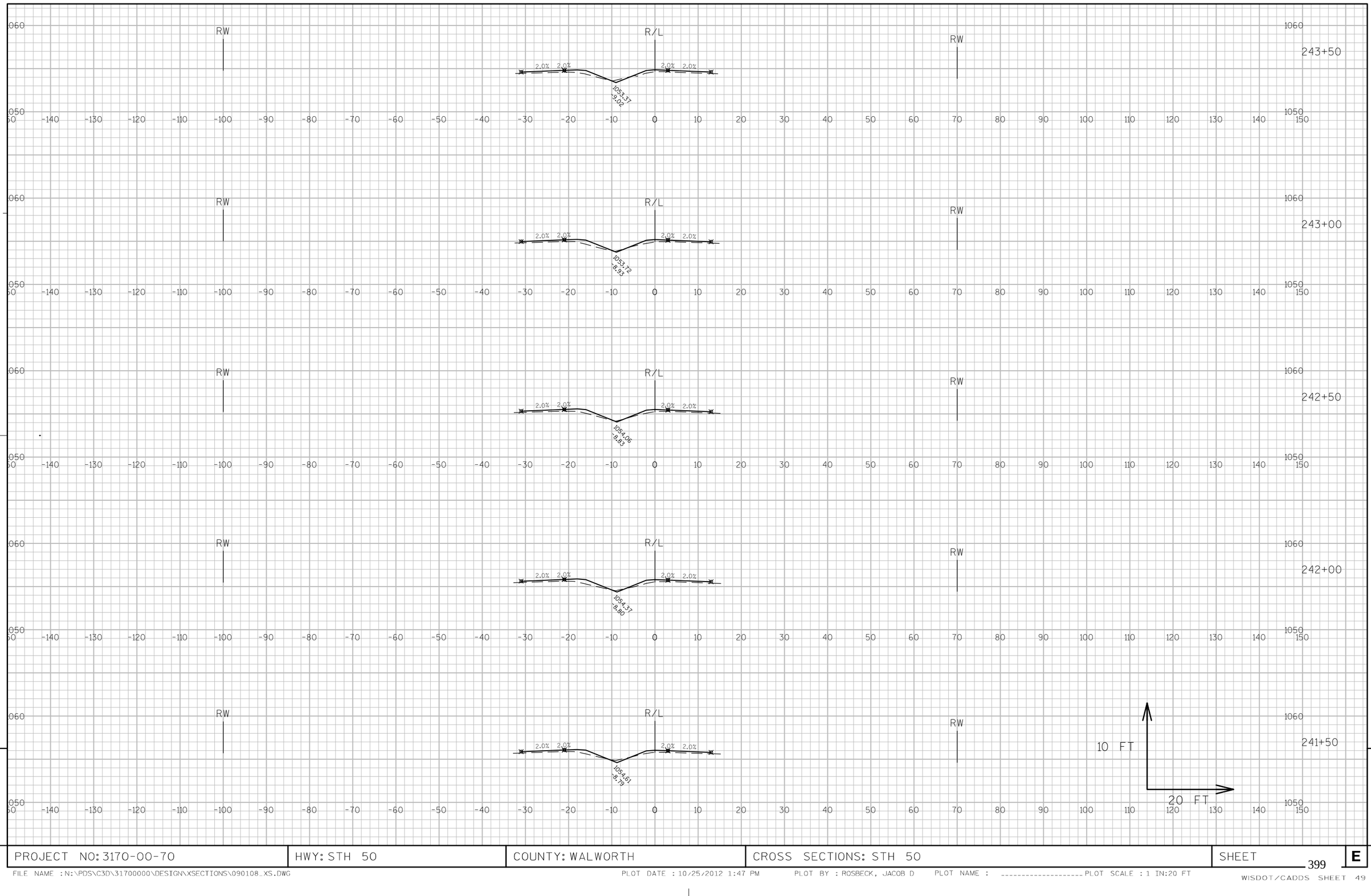
9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090108_XS.DWG PLOT DATE : 10/25/2012 1:47 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT

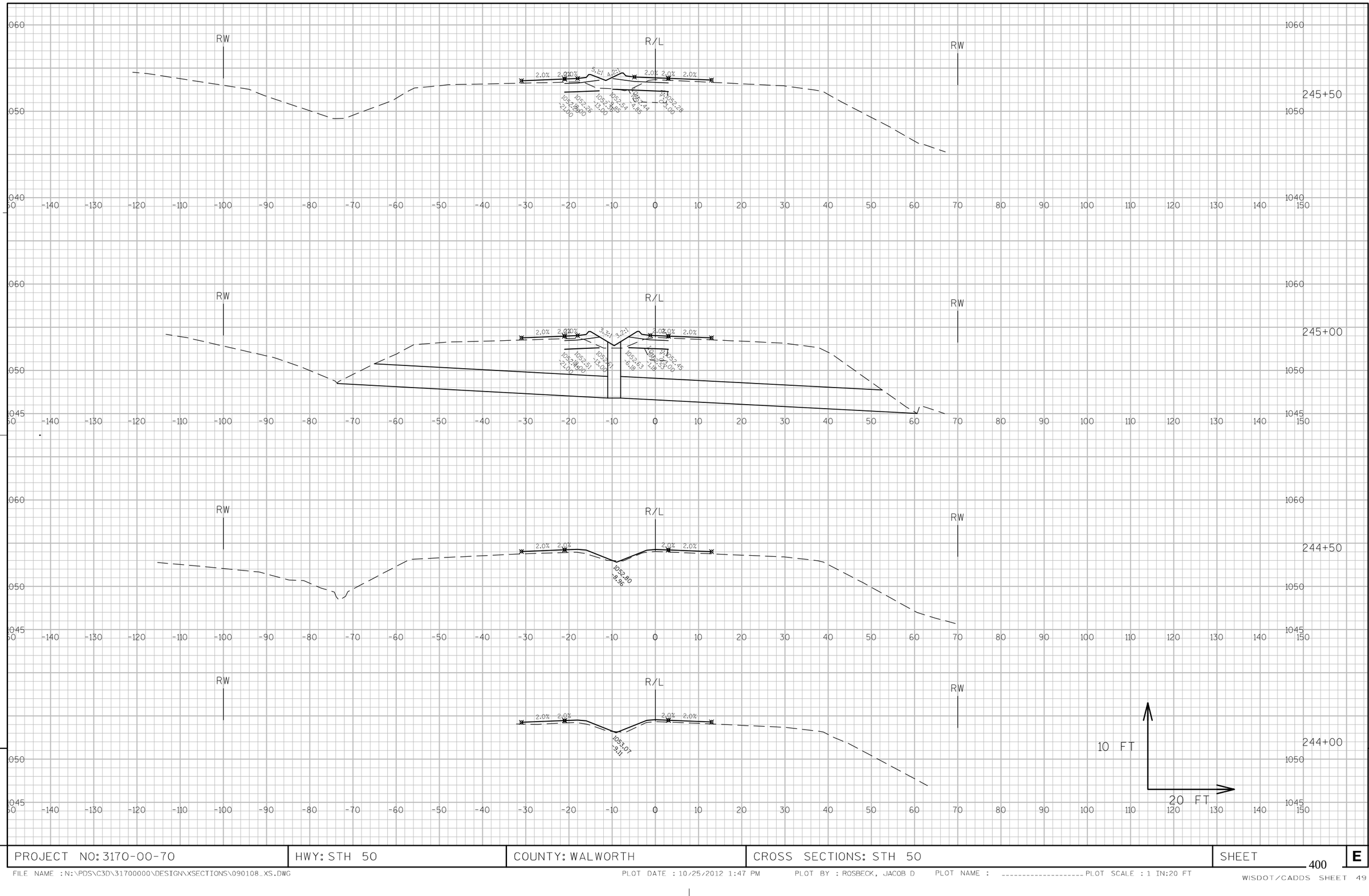
WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 399	E



9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 400	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090108_XS.DWG PLOT DATE : 10/25/2012 1:47 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

RW R/L RW 247+23

RW R/L RW 247+00

RW R/L RW 246+50

RW R/L RW 246+43

RW R/L RW 246+00

10 FT

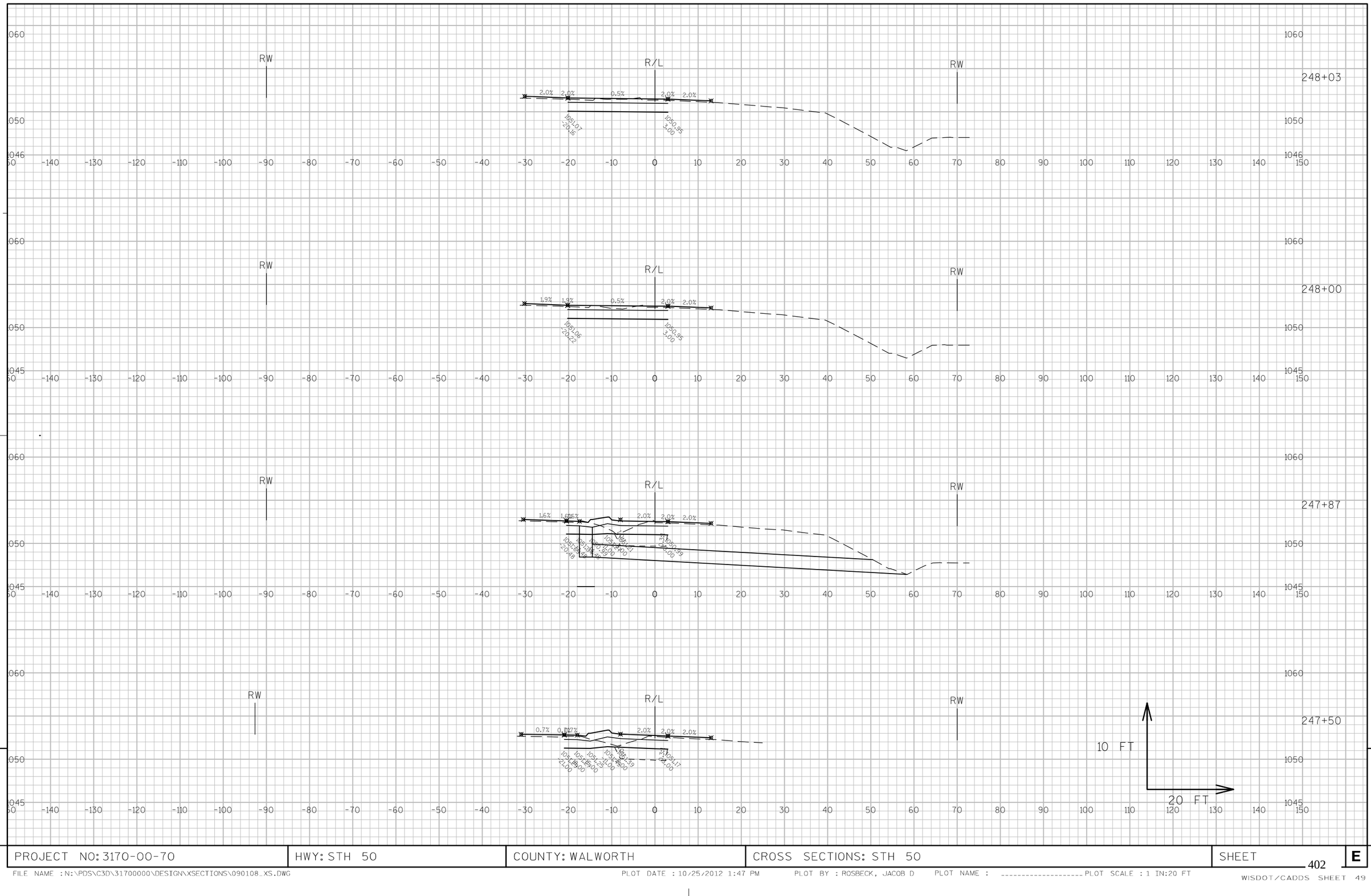
20 FT

9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 401	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090108_XS.DWG PLOT DATE : 10/25/2012 1:47 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

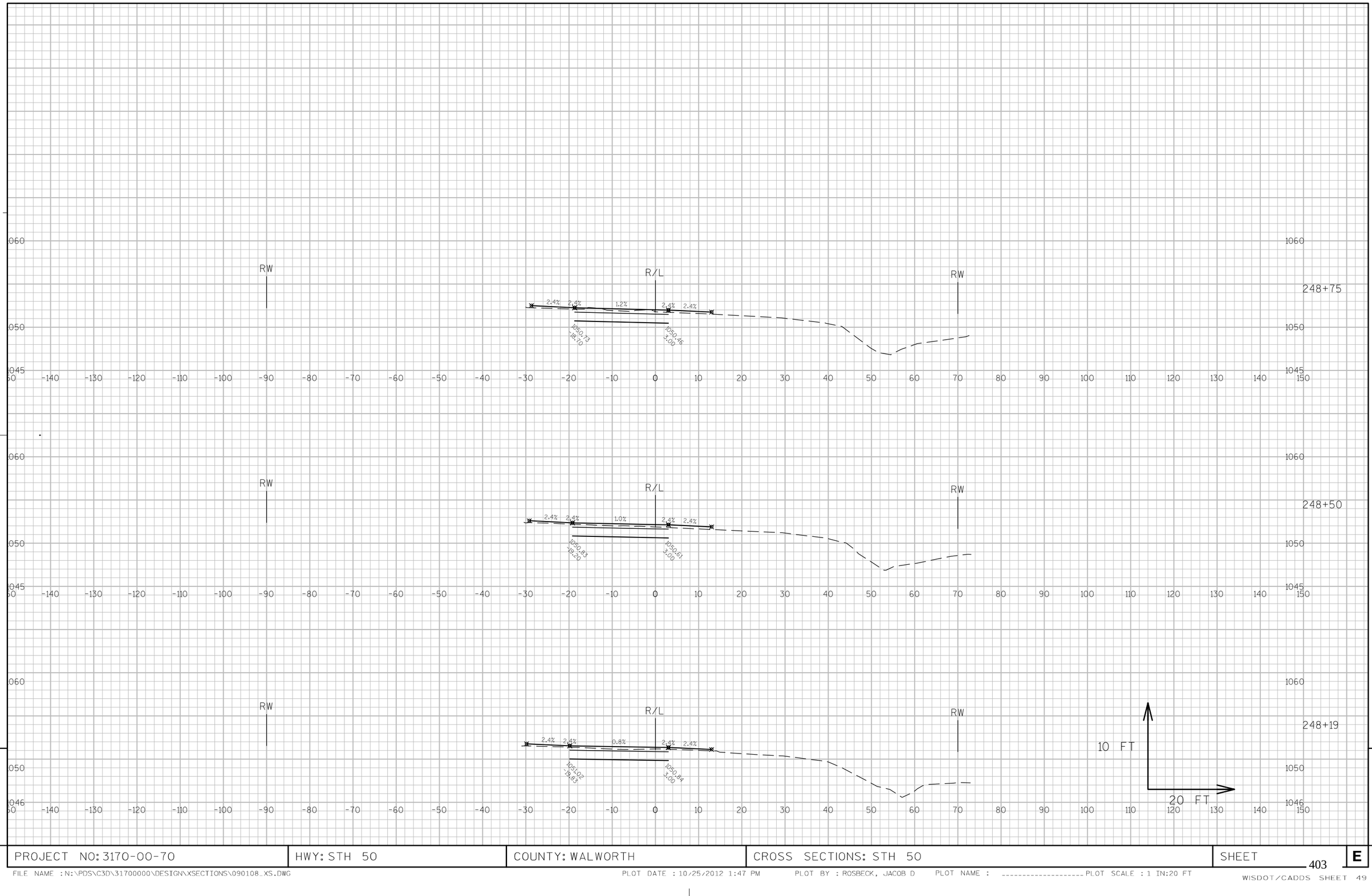


9

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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 402	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090108_XS.DWG PLOT DATE : 10/25/2012 1:47 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT



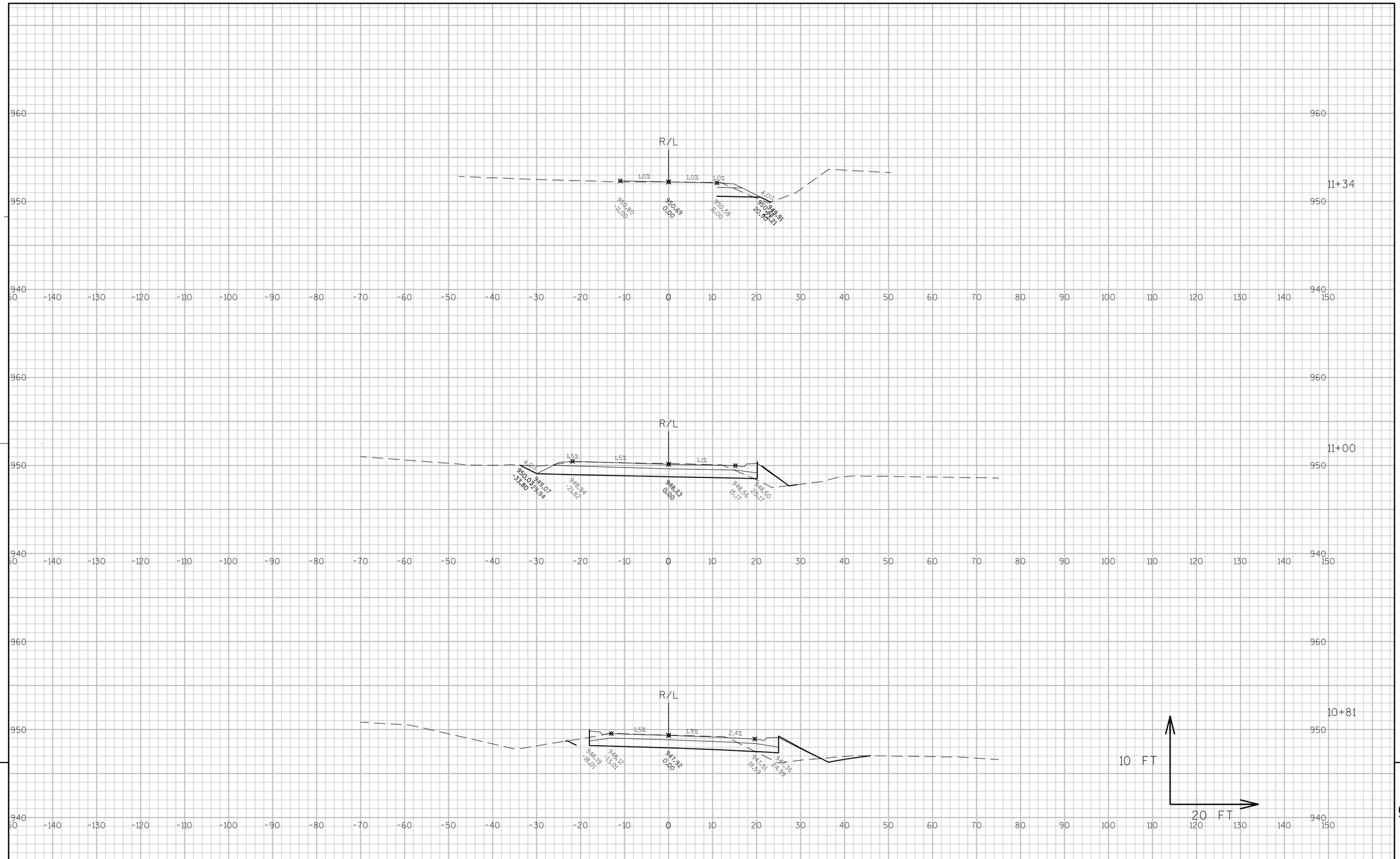
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 403	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090108_XS.DWG PLOT DATE : 10/25/2012 1:47 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



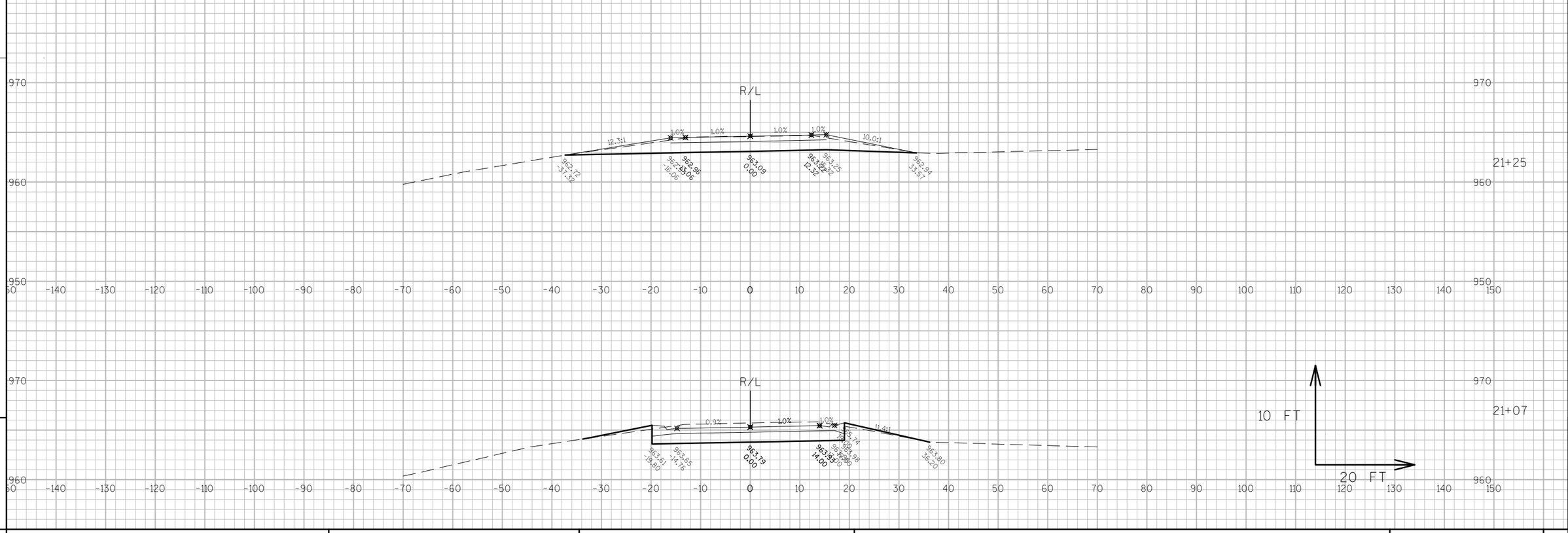
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: KNOLLWOOD DRIVE	SHEET 404	E

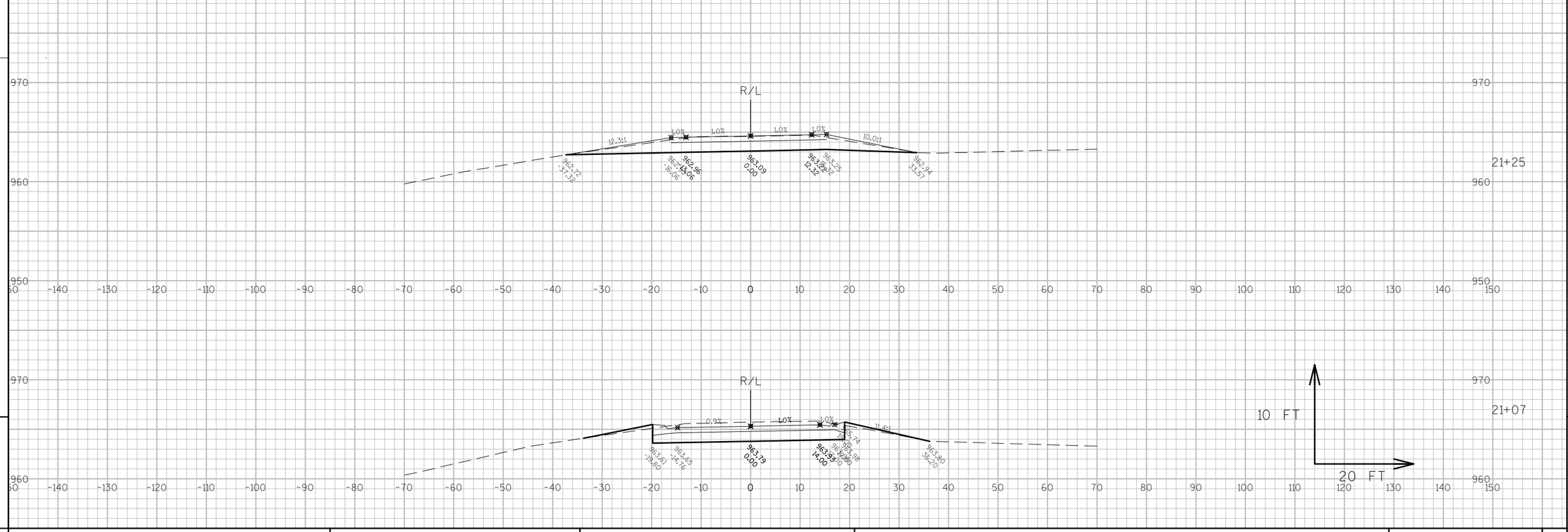
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090102_XS.DWG PLOT DATE : 10/4/2012 3:06 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT

END CONSTRUCTION



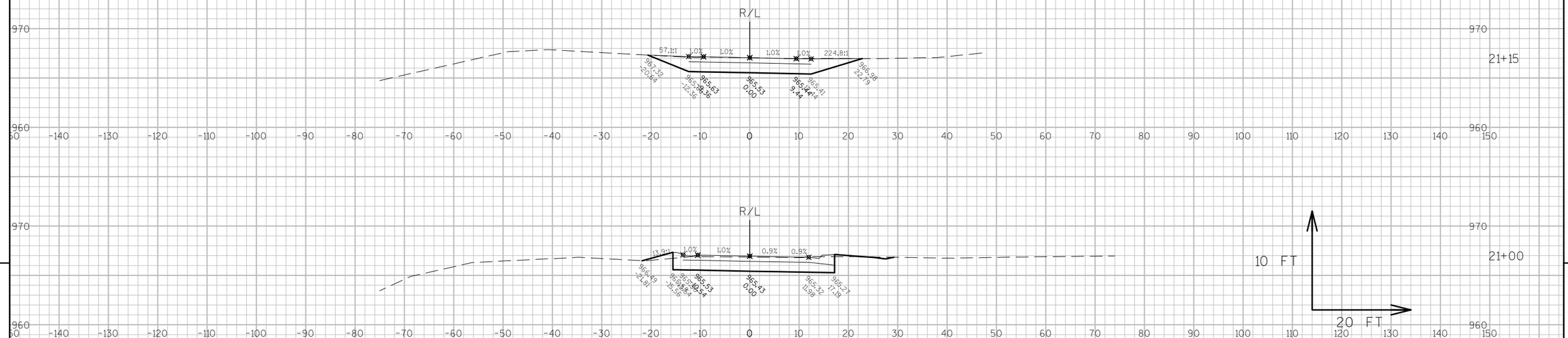
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: GENEVA RESORT ENTRANCE	SHEET 405	E

END CONSTRUCTION



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: GENEVA RESORT ENTRANCE	SHEET 406	E

END CONSTRUCTION

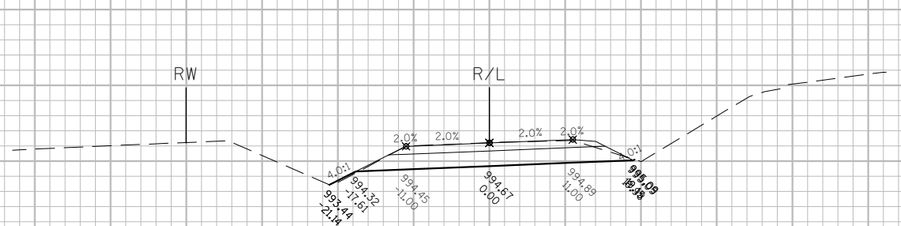


PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: RED CHIMNEY ROAD	SHEET 407	E

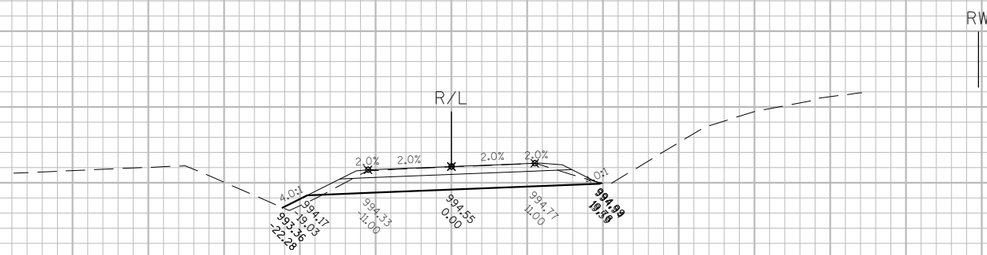
FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090103_XS.DWG PLOT DATE : 10/24/2012 4:01 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

END CONSTRUCTION



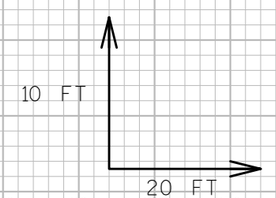
11+55



11+50



11+06



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: COMO ROAD	SHEET 408	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090104_XS.DWG PLOT DATE : 10/24/2012 3:46 PM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

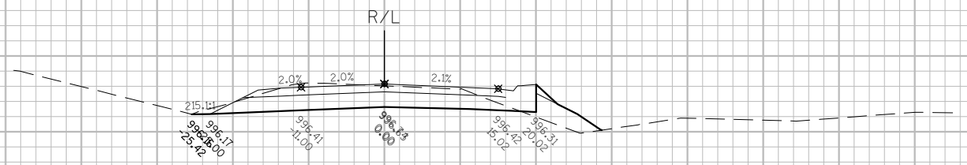
END CONSTRUCTION

RW

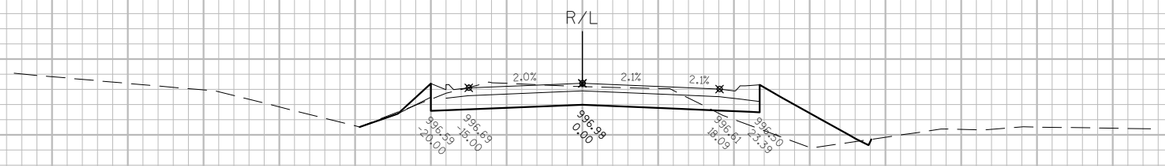
11+50



11+00



10+82

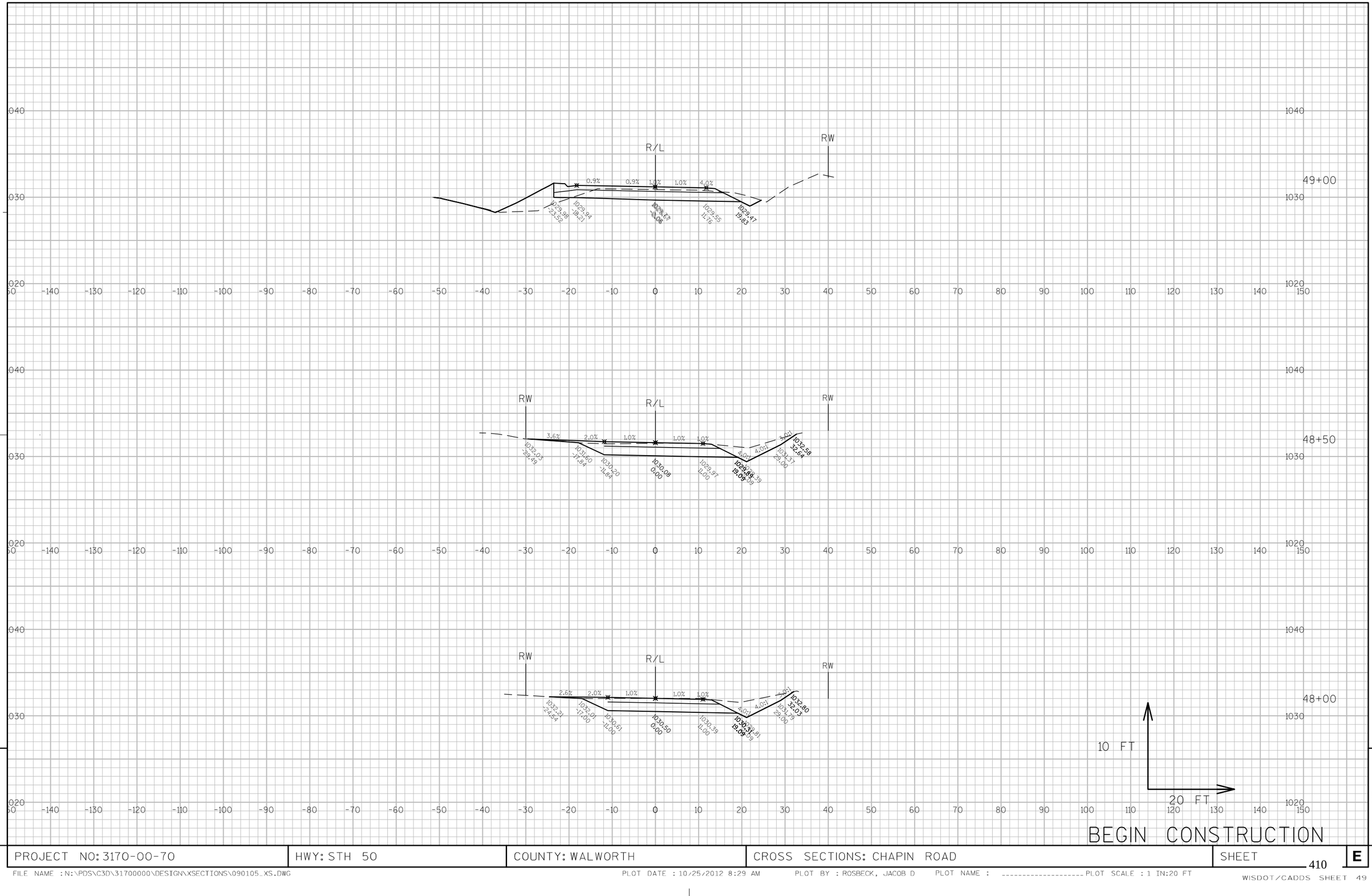




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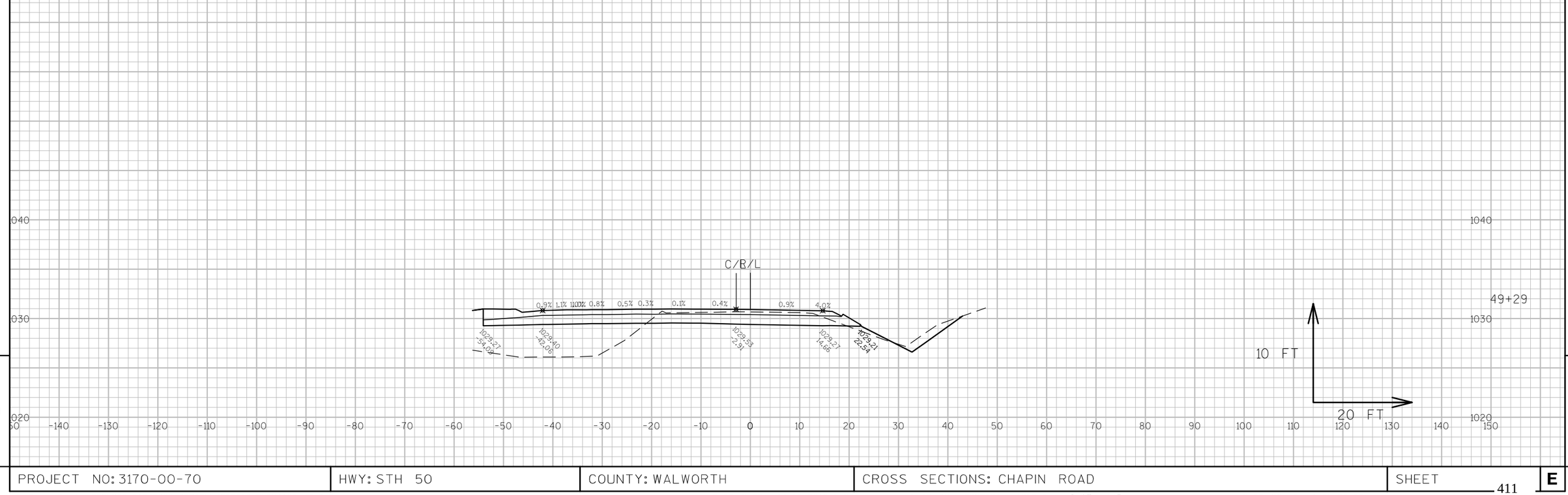
PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: ELGIN CLUB ROAD	SHEET 409	E



PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: CHAPIN ROAD	SHEET 410 E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090105_XS.DWG PLOT DATE : 10/25/2012 8:29 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : ---------- PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



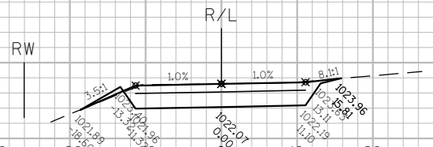
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: CHAPIN ROAD	SHEET	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090105_XS.DWG PLOT DATE : 10/25/2012 8:29 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

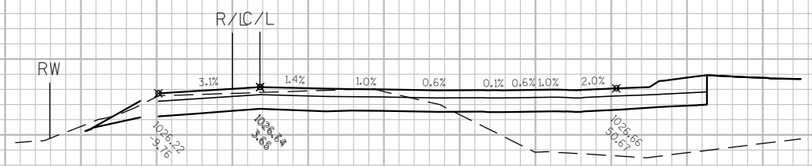
END CONSTRUCTION



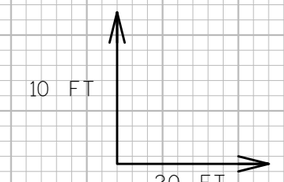
12+00



11+50



11+00



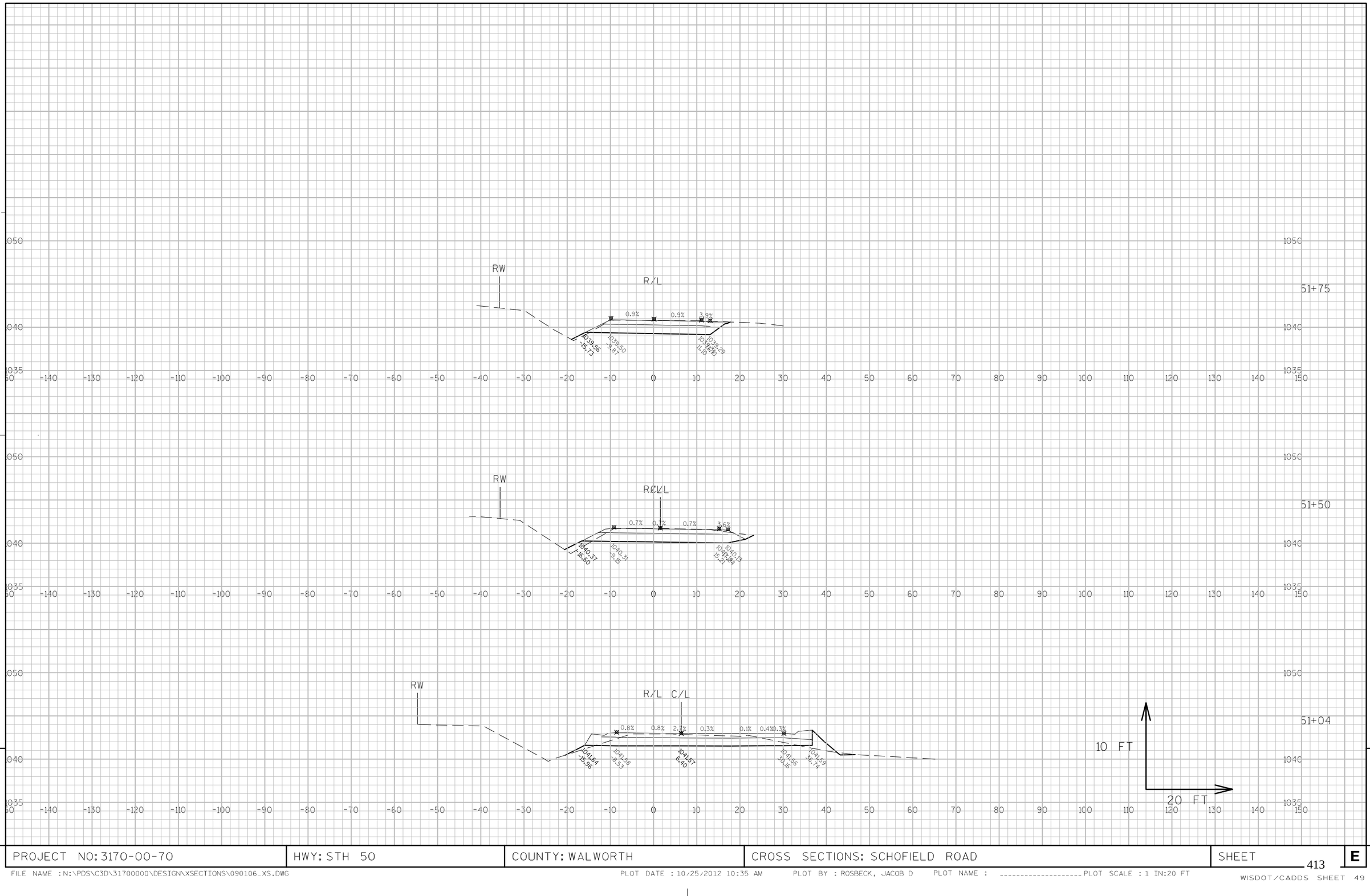
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: SUNSET BOULEVARD	SHEET 412	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090105_XS.DWG PLOT DATE : 10/25/2012 8:31 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



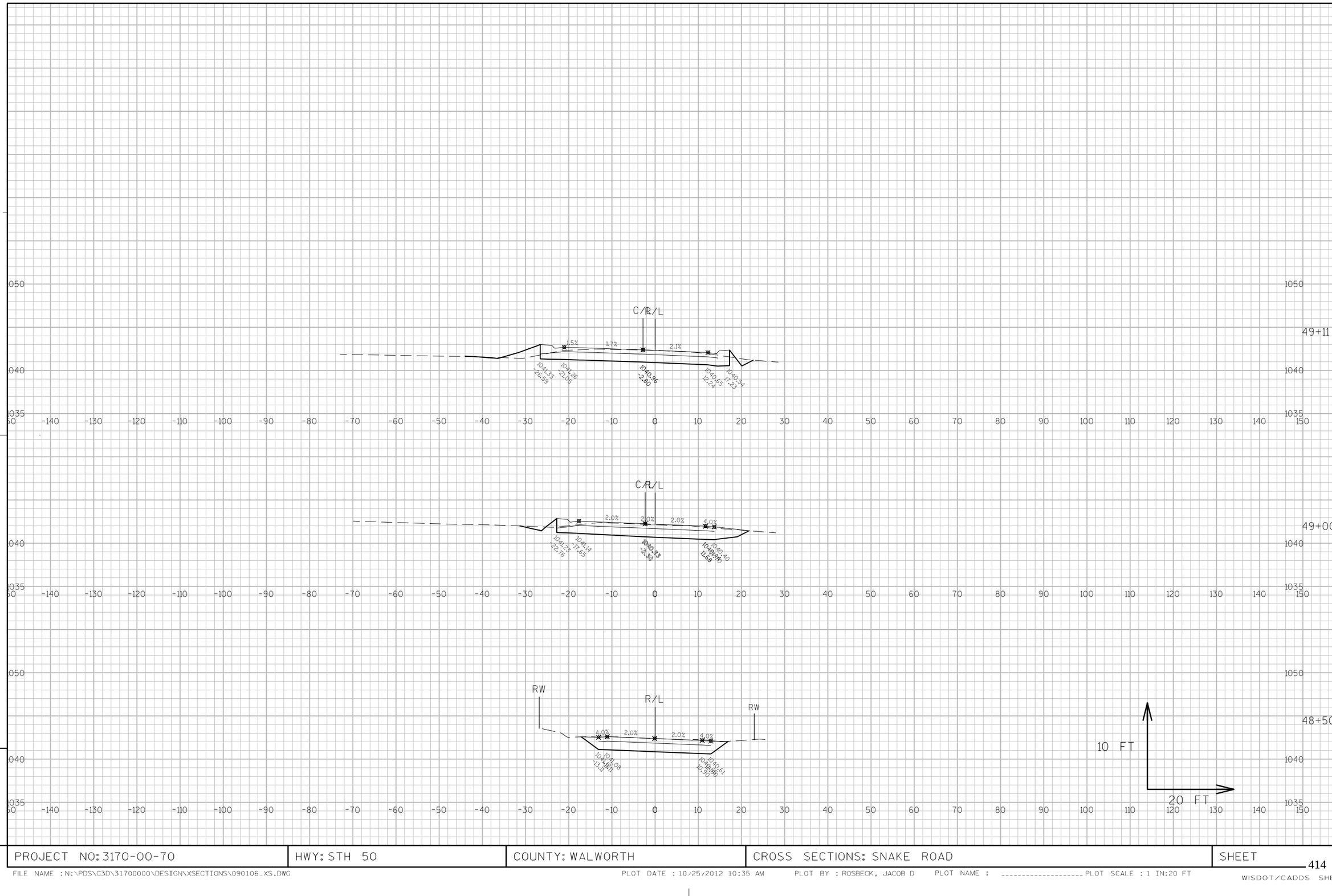
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PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: SCHOFIELD ROAD	SHEET 413	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090106_XS.DWG PLOT DATE : 10/25/2012 10:35 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 3170-00-70	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: SNAKE ROAD	SHEET 414	E

FILE NAME : N:\PDS\C3D\31700000\DESIGN\XSECTIONS\090106_XS.DWG PLOT DATE : 10/25/2012 10:35 AM PLOT BY : ROSBECK, JACOB D PLOT NAME : _____ PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

Notes

Wisconsin Department of Transportation

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