GRE

MARCH 2021

PROJECT ID: 6436-00-71

WITH: N/A

COUNTY: WINNEBAGO

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 = 356





DESIGN DESIGNATION

A.A.D.T.	(2021)	=	5,800
A.A.D.T.	(2041)	=	7,100
D.H.V.		=	850
D.D.		=	59/41
T.		=	3.6%
DESIGN SPEED		=	35 MPH
ESALS		=	400,000

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 (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

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

UTILITIES

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

T ALGOMA, OMRO ROAD

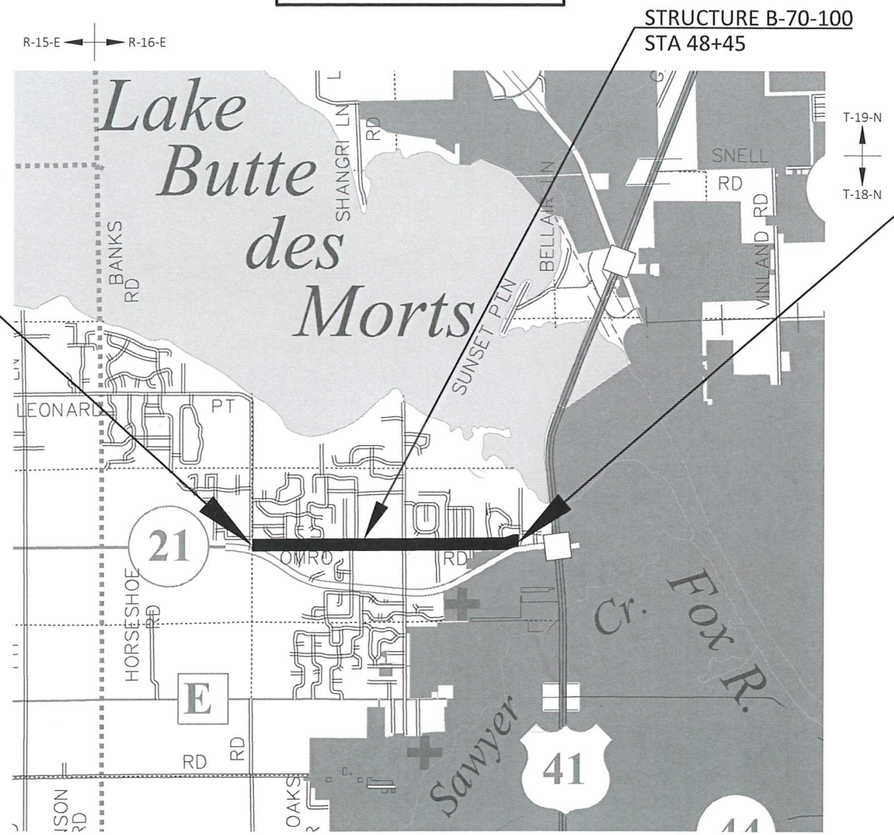
LEONARD POINT RD - BROOKS LANE

LOCAL STREET

WINNEBAGO COUNTY

STATE PROJECT NUMBER
6436-00-71

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
6436-00-71	WISC 2021231	1



BEGIN PROJECT
STA 10+06.37
Y = 478865.09
X = 770606.79

STRUCTURE B-70-100
STA 48+45

END PROJECT
STA 103+51.79

LAYOUT

SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 1.768 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), WINNEBAGO COUNTY, NAD83 (2007), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2007). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

ACCEPTED FOR
TOWN OF ALGOMA

Date 10/28/20 Richard L. Heath
(Signature and Title of Official)

ORIGINAL PLANS PREPARED BY
McMAHON
ENGINEERS ARCHITECTS

WISCONSIN
JOSHUA G. FREWERD
E-43652
APPLETON
WI
PROFESSIONAL ENGINEER

DATE: 10/27/2020 Josh Frewerd
(Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	MCMAHON
Designer	MCMAHON
Project Manager	BRIAN EDWARDS
Regional Examiner	
Regional Supervisor	JAMES THOMPSON

APPROVED FOR THE DEPARTMENT

DATE: 10/28/2020 Brian A. Edwards
(Signature)

E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\00_TITLESHEET.DWG PLOT DATE : 10/5/2020 3:02 PM PLOT BY : JORDAN JELINSKI PLOT NAME :

GENERAL NOTES:

BEARINGS AND COORDINATES SHOWN ON THIS PLAN ARE REFERENCED TO THE WINNEBAGO COUNTY COORDINATE SYSTEM. DISTANCES SHOWN ARE GROUND DISTANCES.

ELEVATIONS ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 WITH 2007 ADJUSTMENT (NAVD88(07)).

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY FACILITIES AS SHOWN ON THE PLAN ARE APPROXIMATE AND ARE BASED ON UTILITY LOCATES OBTAINED FROM THE UTILITIES WHEN THE SURVEY DATA WAS COLLECTED PRIOR TO THE FINAL DESIGN OF THE PROJECT. IT IS ANTICIPATED THAT UTILITY FACILITIES WILL BE RELOCATED AS PART OF THIS PROJECT AS DESCRIBED IN THE SPECIAL PROVISIONS. ALL PROPOSED RELOCATED UTILITIES ARE NOT SHOWN ON THE PLAN SHEETS. THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT LIMITS THAT ARE NOT SHOWN ON THE PLAN SHEETS.

THE EXACT LOCATION OF ALL EROSION CONTROL ITEMS IS APPROXIMATE AND MAY BE ADJUSTED BY THE ENGINEER IN THE FIELD.

THE EXACT LIMITS OF CONCRETE, ASPHALT, OR GRAVEL SURFACES REMOVAL AND REPLACEMENT ARE APPROXIMATE AND SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

EXCAVATION BELOW SUBGRADE (EBS) AREAS ARE CALLED OUT AS UNDISTRIBUTED ON THE PLAN QUANTITIES FOR COMMON EXCAVATION. THESE AREAS ARE TO BE BACKFILLED WITH BREAKER RUN. EXACT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, THE CONTRACTOR SHALL VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN WITH THE ENGINEER.

PIPE ELEVATIONS AS SHOWN ON THE PLANS MAY BE ADJUSTED BY THE ENGINEER TO FIT FIELD CONDITIONS.

THE REMOVAL OF ASPHALTIC DRIVEWAYS WILL BE PAID FOR AS COMMON EXCAVATION.

REMOVAL OF ANY REINFORCEMENT AND MESH FOUND IN THE EXISTING CONCRETE SHALL BE CONSIDERED INCIDENTAL TO THE ITEM OF REMOVING PAVEMENT.

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

UTILITIES:

ALGOMA SANITARY DISTRICT #1 - SEWER/WATER
KEVIN MRAZ
3477 MILLER DRIVE
OSHKOSH, WI 54904
920-426-0335
KEVIN@ALGOMASD.ORG

ANR PIPELINE CO. - GAS
TODD BRISTER
W3925 PIPELINE LANE
EDEN, WI 53019
920-477-2235
TODD_BRISTER@TRANSCANADA.COM

AT&T
CHUCK BARTELT
70 E DIVISION ST
FOND DU LAC, WI 54935
920-929-1013
920-410-5104 (CELL)
CB1461@ATT.COM

CHARTER COMMUNICATIONS
TODD HILDEBRANDT
165 KNIGHTS WAY
FOND DU LAC, WI 54935
920-907-7724
TODD.HILDEBRANDT@CHARTER.COM

CITY OF OSHKOSH - WATER
JAMES RABE
215 CHURCH AVE
PO BOX 1130
OSHKOSH, WI 54903
920-236-5065
JRABE@CI.OSHKOSH.WI.US

OSHKOSH AREA SCHOOL DISTRICT FIBER OPTIC
TOM MINEAU (MCE)
PO BOX 11064
GREEN BAY, WI
920-301-7903
920-676-3495 (CELL)
TMINEAU@MCEWI.COM

WINNEBAGO COUNTY EMERGENCY MANAGEMENT
ERIC RASMUSSEN
4311 JACKSON ST
OSHKOSH, WI 54901
920-236-7463
ERASMUSSEN@CO.WINNEBAGO.WI.US

WPS - ELECTRIC
NATE HALL
2850 S ASHLAND AVE
GREEN BAY, WI 54304
920-617-2741
920-850-6419 (CELL)
NATHAN.HALL@WISCONSINPUBLICSERVICE.COM

WPS - GAS
MIKE LOWTHER
227 W CALUMET ST
CHILTON, WI 53014
920-849-7903
MICHAEL.LOWTHER@WISCONSINPUBLICSERVICE.COM

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

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

TOTAL PROJECT AREA = 17.07 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 23.10 ACRES

ORDER OF SECTION 2 SHEETS:

PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PAVING DETAILS
EROSION CONTROL
STORM SEWER
SIGNING
PAVEMENT MARKING
ALIGNMENT

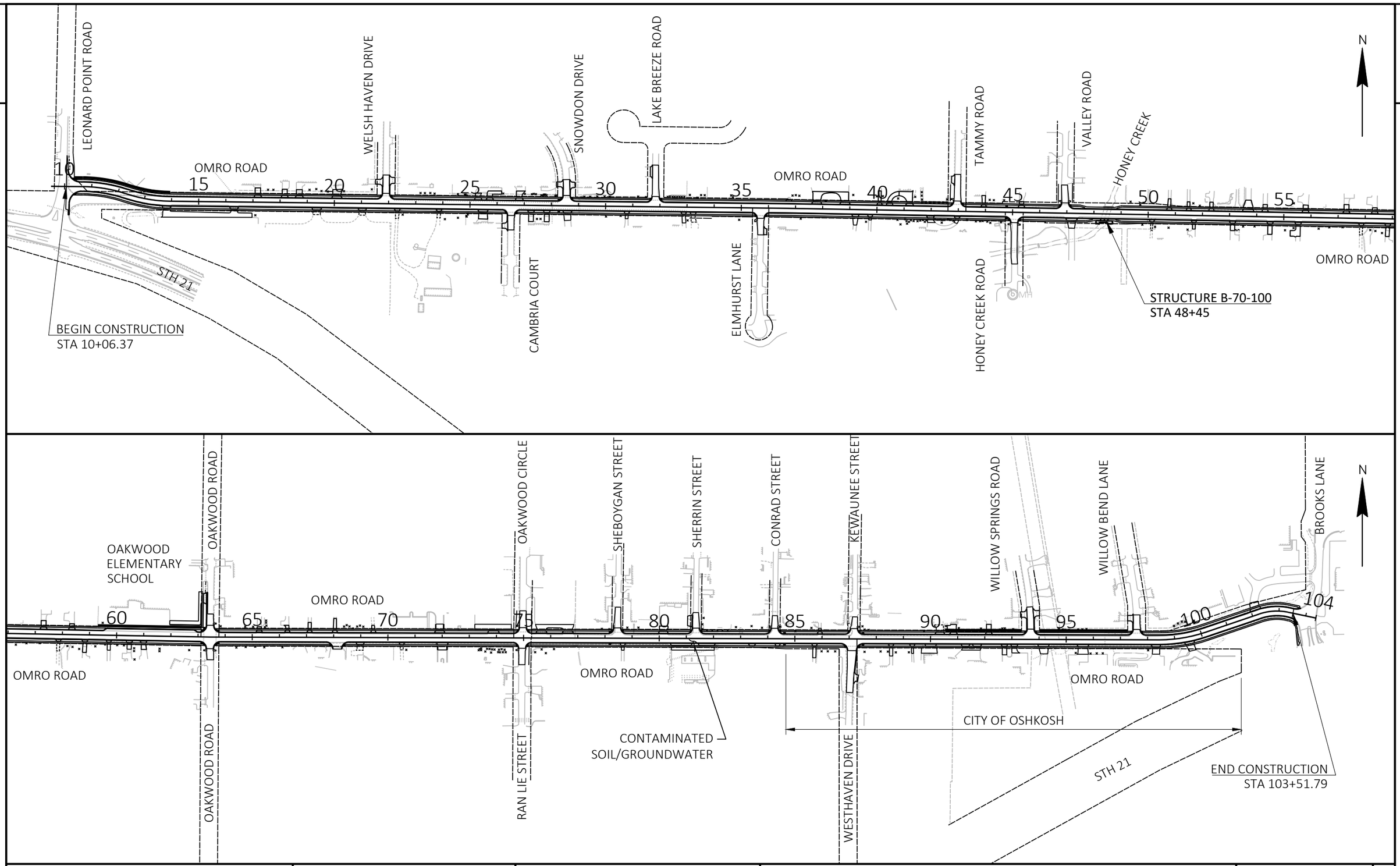
DNR LIAISON:

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

2

STANDARD ABBREVIATIONS AND SYMBOLS

ADJ.	ADJUST (MANHOLE COVER OR WATER VALVE BOX)
ASPH	ASPHALT
AVE.	AVENUE
⏚	BENCH MARK
B-B	BACK TO BACK OF CURB
B.A.D.	BASE AGGREGATE DENSE
B.O.C. or B/C	BACK OF CURB
℄ or CL	CENTERLINE
CONC	CONCRETE
C.M.P.	CORRUGATED METAL CULVERT PIPE
C.T.H.	COUNTY TRUNK HIGHWAY
CL.	CLASS
△	DELTA
D.	DEGREE OF CURVE
DW	DRIVEWAY
E.	EAST
EB	EASTBOUND
E-MAT	EROSION MAT
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EOR	END OF RADIUS
EXIST.	EXISTING
FE	FIELD ENTRANCE
F-F	FACE TO FACE OF CURB
FL	FLOWLINE
GRAV	GRAVEL
GV	GAS VALVE
HDPE	HIGH DENSITY POLYETHYLENE CULVERT PIPE
HE	HIGHWAY EASEMENT
HMA	HMA
H.P.	HIGH POINT
HYD.	HYDRANT
L.	LENGTH OF CURVE
LP	LIGHT POLE
L.V.C.	LENGTH OF VERTICAL CURVE
L.S.	LANDSCAPING
LT.	LEFT
MH	MANHOLE
MAX	MAXIMUM
MIN	MINIMUM
NB	NORTH BOUND
NO.	NUMBER
NOR.	NORMAL
P.E.	PRIVATE ENTRANCE
P.G.L.	PROFILE GRADE LINE
P.I.	POINT OF INTERSECTION
PP	POWER POLE (OVERHEAD LINES)
P.T.	POINT OF TANGENCY
P.V.C.	POINT OF VERTICAL CURVATURE
P.V.I.	POINT OF VERTICAL INTERSECTION
P.V.T.	POINT OF VERTICAL TANGENCY
P/L	PROPERTY LINE
PVT.	PAVEMENT
PED.	PEDESTAL
R or RAD	RADIUS
R.C.P.	REINFORCED CONCRETE PIPE
RECON.	RECONSTRUCT
REQ'D	REQUIRED
R/L	REFERENCE LINE
REM.	REMOVE
R/W	RIGHT OF WAY
RD.	ROAD
RT.	RIGHT
S.	SOUTH
SAN	SANITARY SEWER
SB	SOUTH BOUND
S.D.D.	STANDARD DETAIL DRAWING
SI	SLOPE INTERCEPT
STA.	STATION
S.T.H.	STATE TRUNK HIGHWAY
STA.	STATION
SW	CONCRETE SIDEWALK
T.I.	TEMPORARY INTEREST
TLE	TEMPORARY LIMITED INTEREST
TYP.	TYPICAL
V.C.	VERTICAL CURVE
WB	WESTBOUND
W	WATERMAIN
WV	WATER VALVE/SHUTOFF
⊲⊙⊳	HYDRANT W/AUXILIARY VALVE
●—⊠	LIGHT POLE

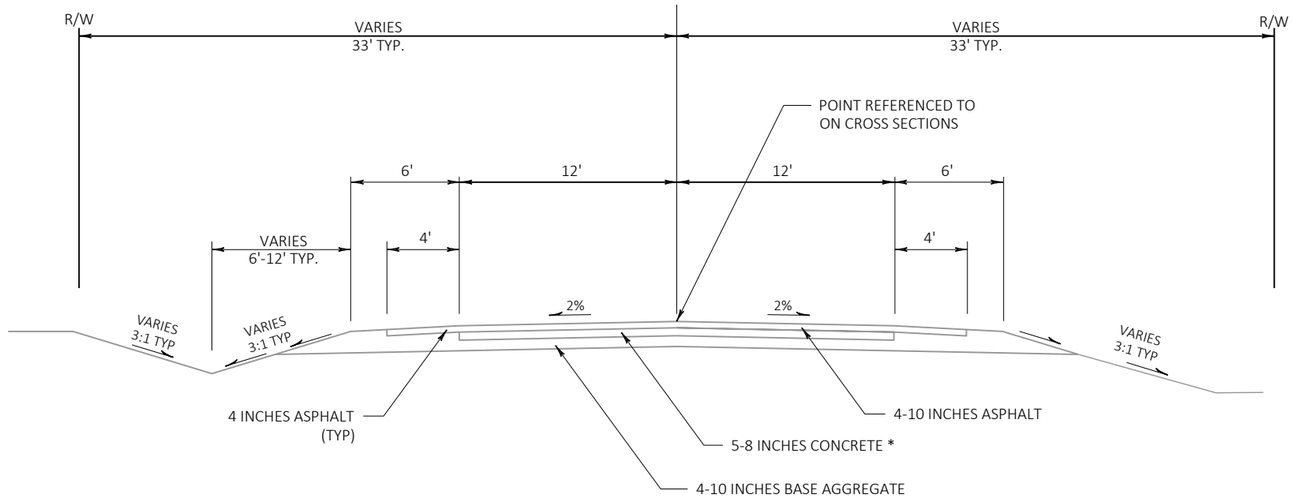


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	OVERVIEW	SHEET 4	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-CONSTRUCTION DETAILS\OMRO-OVERVIEW.DWG
LAYOUT NAME - Plan Dbl 1 IN 325 FT

PLOT DATE : 10/30/2020 4:39 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:325 FT

2

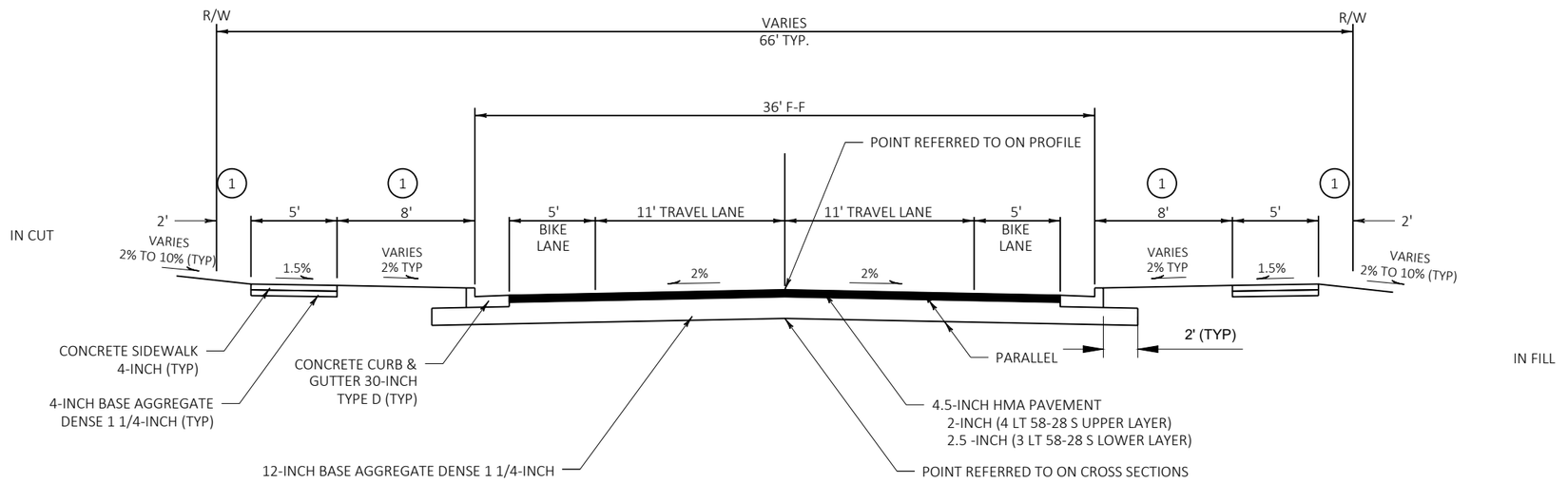


* RECORD DRAWINGS INDICATE THAT THE UNDERLYING CONCRETE PAVEMENT IS 24' WIDE AND EXTENDS THROUGHOUT THE PROJECT LIMITS

EXISTING TYPICAL SECTION

OMRO ROAD

STA 10+06.37 - 103+51.79



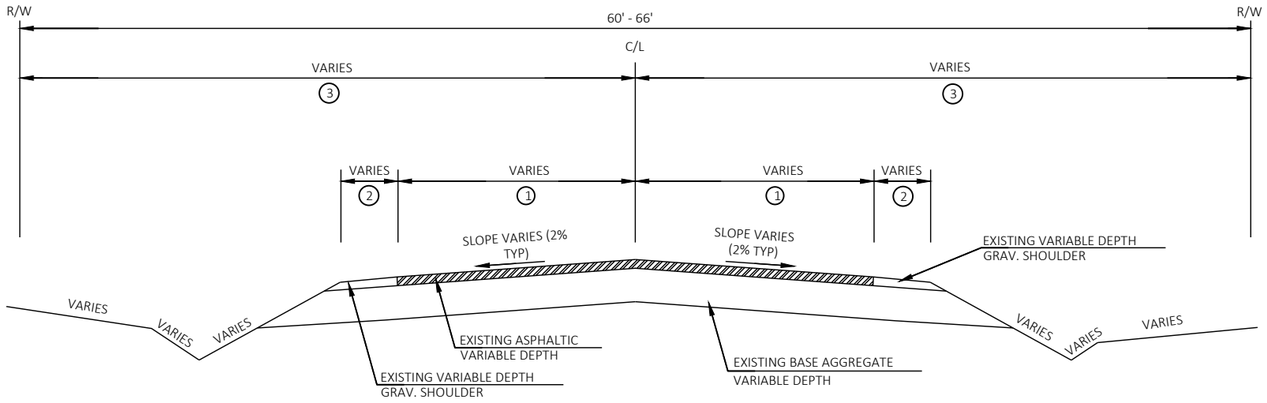
FINISHED TYPICAL SECTION

OMRO ROAD

STA 10+06.37 - 103+51.79

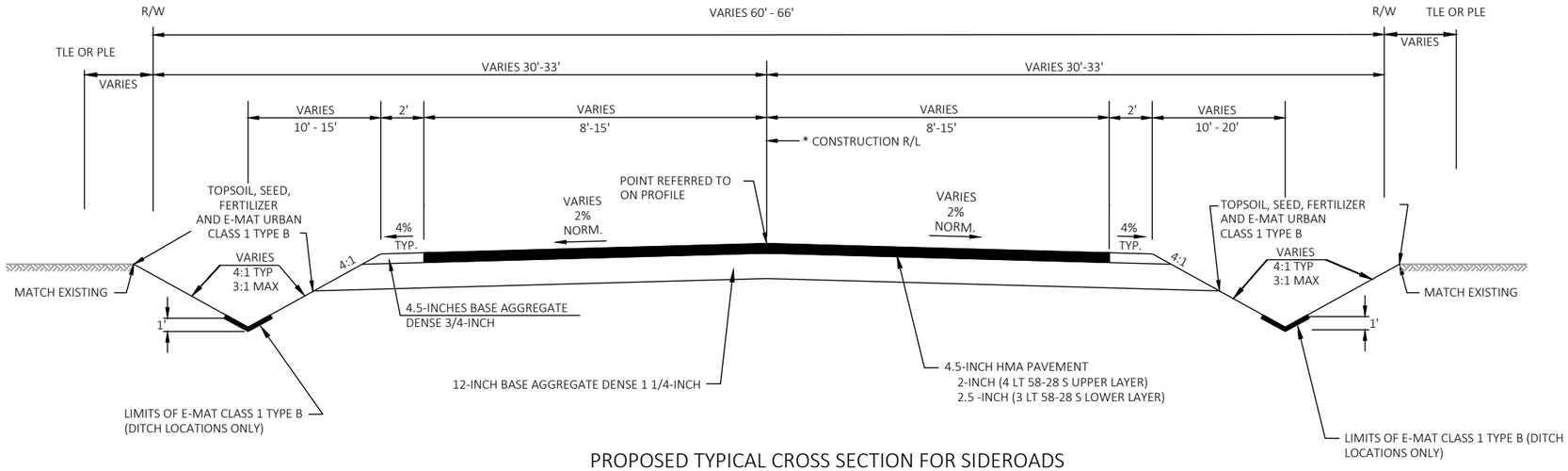
(1) TOPSOIL, SEED, FERTILIZER, AND EROSION MAT URBAN CLASS I TYPE B

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	TYPICAL SECTIONS	SHEET 5	E



EXISTING TYPICAL CROSS SECTION

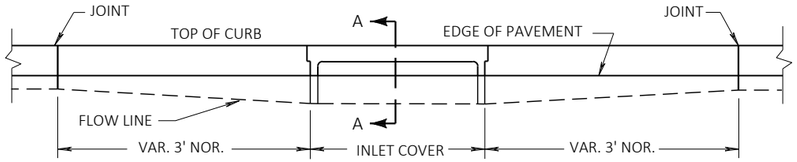
STREET TABLE			
	①	②	③
STREET	WIDTH IN FEET	WIDTH IN FEET	WIDTH IN FEET
WELSH HAVEN DR	11-12	1-2	33
CAMBRIA CT	11	1-2	33
SNOWDON DR	10-13	2-3	33
LAKE BREEZE RD	10-12	1	30
ELMHURST LN	10-12	0	30
TAMMY RD	10-12	2	35 LT, 31 RT
HONEY CREEK RD	8-11	1-2	35 LT, 31 RT
VALLEY RD	10-12	1-2	29 LT, 34 RT
OAKWOOD RD (N.)	12	1-2	33
OAKWOOD RD (S.)	12	1-2	36 LT, 30 RT
OAKWOOD CIR	12	2-3	33
RAN LIE ST	11-12	1-2	32 LT, 34 RT
SHEBOYGAN ST	10	1-2	22 LT, 18 RT
SHERRIN ST	9-10	0	20
CONRAD ST	8-10	0	21 LT, 19 RT
KEWAUNEE ST	9	0-1	26 LT, 19 RT
WESTHAVEN DR	12	3	39 LT, 27 RT
WILLOW SPRINGS RD	11	2	33
WILLOW BEND LN	12-13	2	33



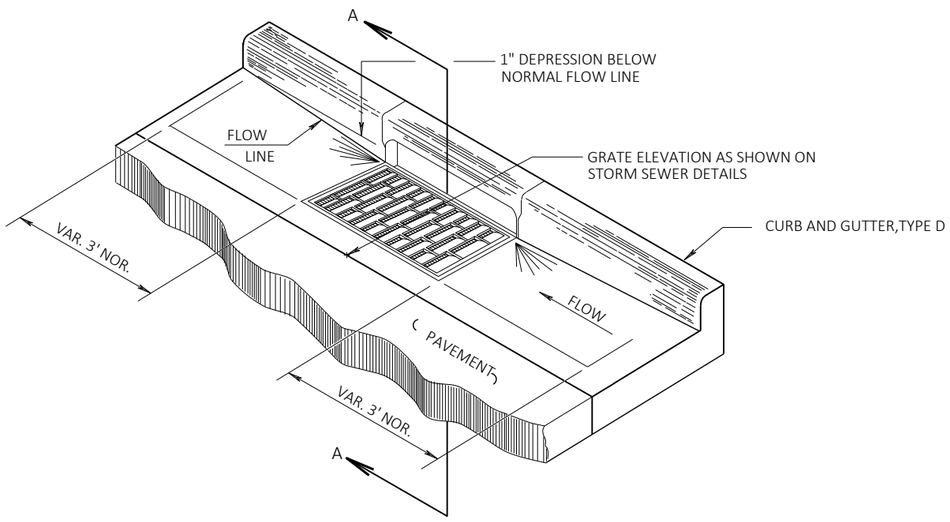
SEE EROSION CONTROL DETAIL
SHEETS FOR ADDITIONAL INFORMATION

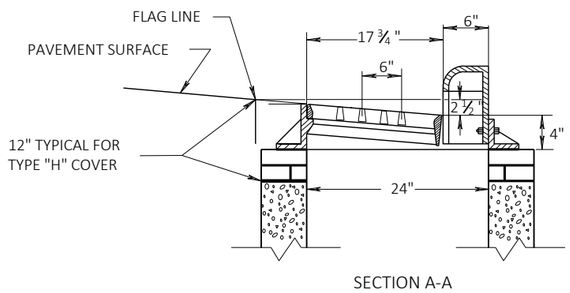
PROPOSED TYPICAL CROSS SECTION FOR SIDEROADS

- WELSH HAVEN DR: STA. 200+00 TO STA. 201+05.70
- CAMBRIA CT: STA. 209+09 TO STA. 210+00
- SNOWDON DR: STA. 220+00 TO STA. 220+96.50
- LAKE BREEZE RD: STA. 230+00 TO STA. 231+54
- ELMHURST LN: STA. 239+01 TO STA. 240+00
- TAMMY RD: STA. 250+00 TO STA. 251+36
- HONEY CREEK RD: STA. 258+99.6 TO STA. 260+00
- VALLEY RD: STA. 270+00 TO STA. 271+07
- OAKWOOD RD (N): STA. 280+00 TO STA. 280+85
- OAKWOOD RD (S): STA. 279+16 TO STA. 280+00
- OAKWOOD CIR: STA. 290+00 TO STA. 291+00
- RAN LIE ST: STA. 289+01 TO STA. 290+00
- SHEBOYGAN ST: STA. 300+00 TO STA. 301+14.50
- SHERRIN ST: STA. 310+00 TO STA. 310+95.50
- CONRAD ST: STA. 320+00 TO STA. 320+85
- KEWAUNEE ST: STA. 330+00 TO STA. 330+81.50
- WESTHAVEN DR: STA. 328+02 TO STA. 330+00
- WILLOW SPRINGS RD: STA. 340+00 TO STA. 341+20
- WILLOW BEND LN: STA. 350+00 TO STA. 350+92



ELEVATION

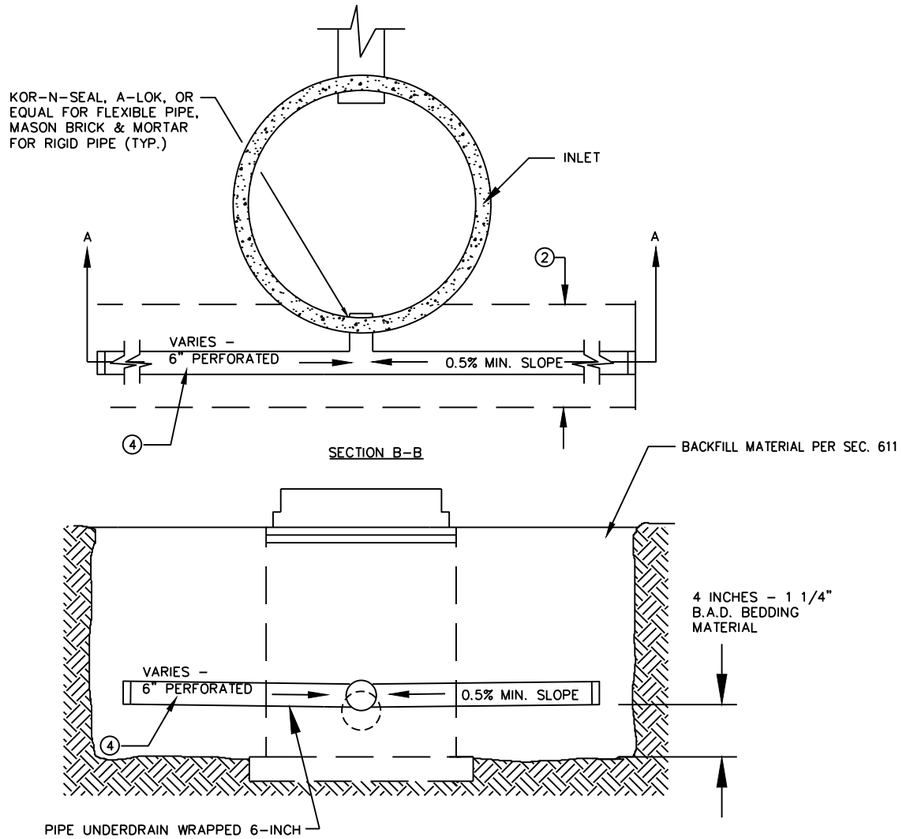




SECTION A-A

DETAIL OF CURB AND GUTTER AT INLETS

(TYPE 3-H INLET SHOWN)



SECTION B–B

*ALL TEES TO BE MANUFACTURED OR CORE DRILLED
NOTE: CAP ALL UNDER DRAIN AND STUBS

SECTION A–A

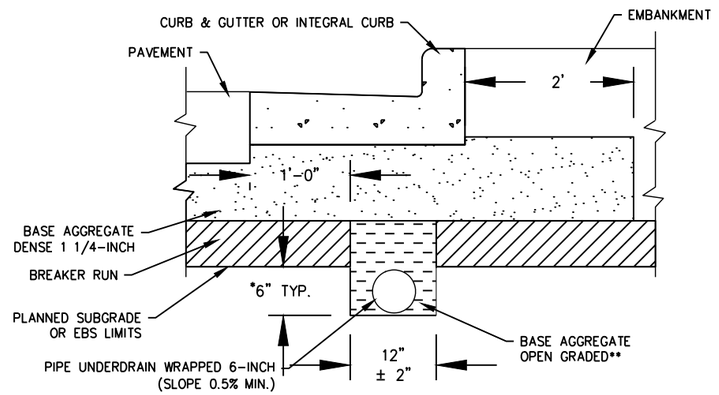
STUB DRAINS AT INLETS

GENERAL NOTES:
1. INLET LOCATIONS AS SHOWN ON THE PLAN WILL BE CONSTRUCTED WITH PIPE UNDERDRAIN WRAPPED 6–INCH ATTACHED, AS SHOWN.–SEE MQ TABLE FOR PIPE UNDERDRAIN 6–INCH FOR LOCATIONS
2. TRENCH WIDTH TO BE IN ACCORDANCE WITH SECTION 612 OF THE STANDARD SPECIFICATIONS
3. UNDERDRAIN INVERT TO BE AT SAME ELEVATION OF SPRINGLINE OF OUTGOING PIPE
4. 50 LF AT LOW POINTS, 25 LF ON EACH SIDE OF INLET. 25 LF UPSTREAM SIDE OF INLET ONLY AT FLOW THROUGH OR FLANKING INLET LOCATIONS
* INCIDENTAL TO STRUCTURE ITEM

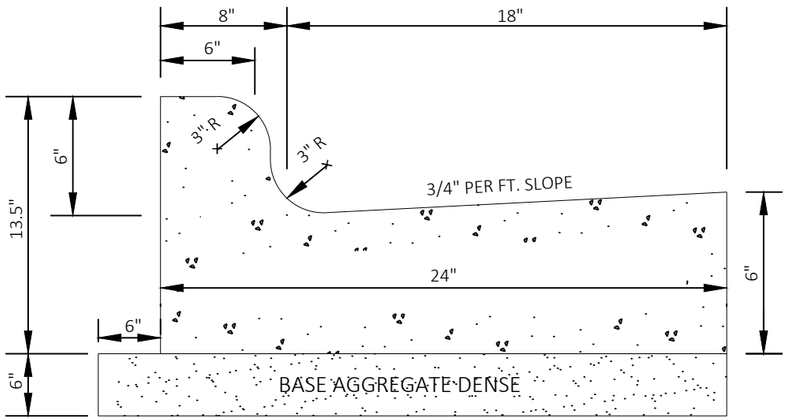
GENERAL NOTES:
THE DIMENSIONS SHOWN ON THE TYPICAL CROSS SECTIONS WILL GOVERN IN THE EVENT THERE IS A CONFLICT WITH THE DETAILS SHOWN ON THIS DRAWING.

* 6" TYPICAL, VARY DEPTH IN EBS AREAS TO MAINTAIN UNDERDRAIN INVERT AT SAME ELEVATION OF SPRINGLINE OF OUTGOING PIPE.

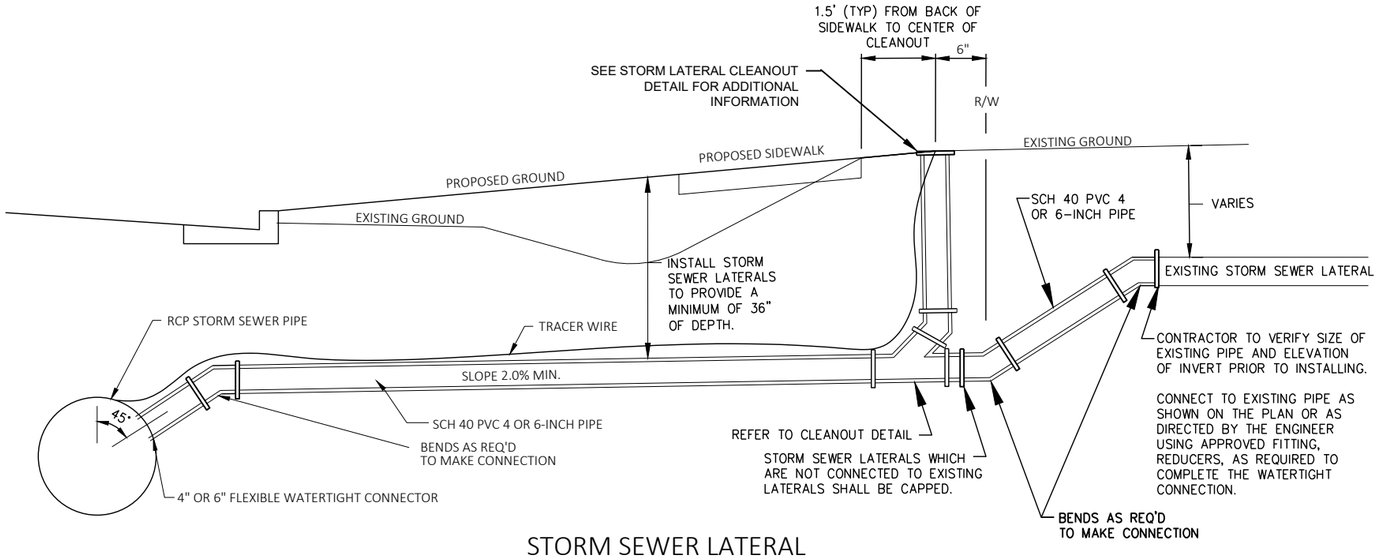
** TO BE INCIDENTAL TO PIPE UNDERDRAIN WRAPPED 6–INCH ITEM



EDGEDRAIN IN URBAN ROADWAY

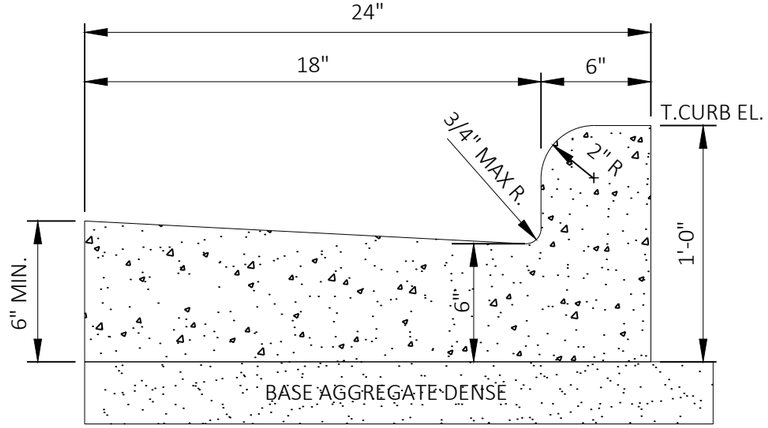


CONCRETE CURB AND GUTTER 24-INCH TYPE L
STA. 72+00 LT, PRIVATE ENTRANCE

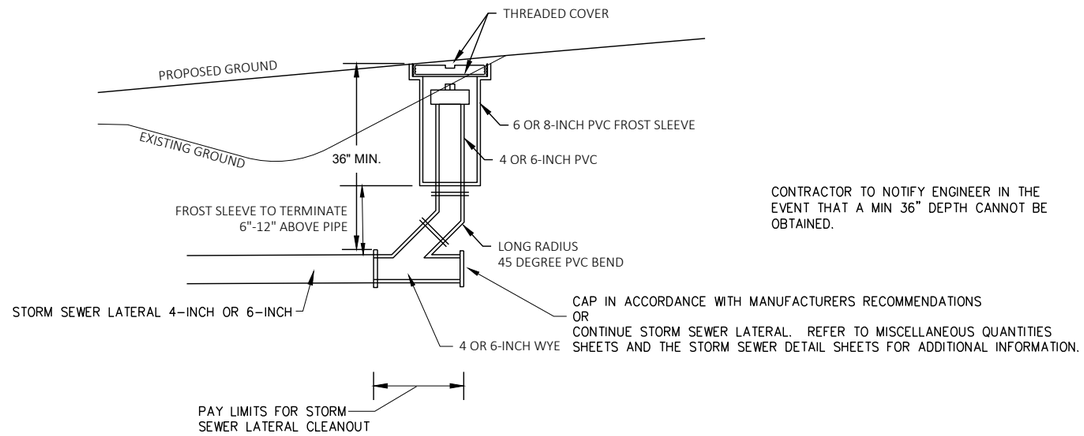


STORM SEWER LATERAL

THE CONTRACTOR SHALL INSTALL STORM LATERALS TO AVOID CONFLICTS WITH OTHER UTILITIES. THIS IS TO BE ACCOMPLISHED BY HAVING A RISER AT THE STORM MAIN, IF NECESSARY. MINIMUM OF A 2% SLOPE TO BE MAINTAINED ON LATERAL.



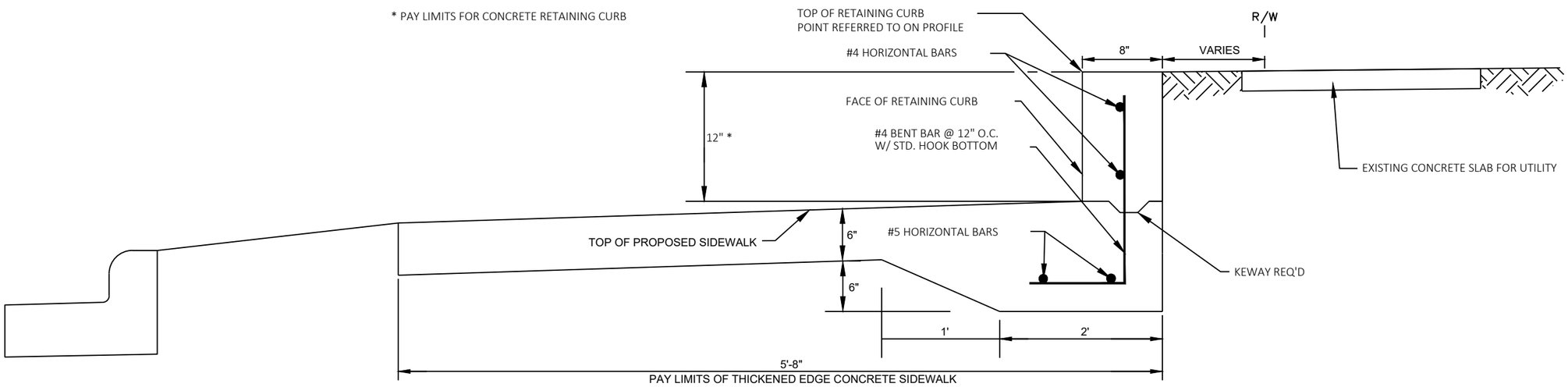
CONCRETE CURB AND GUTTER 24-INCH TYPE D
STA. 72+00 RT, PRIVATE ENTRANCE



CONTRACTOR TO NOTIFY ENGINEER IN THE EVENT THAT A MIN 36" DEPTH CANNOT BE OBTAINED.

STORM LATERAL CLEANOUT DETAIL

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CONSTRUCTION DETAILS	SHEET 9	E



THICKENED EDGE CONCRETE SIDEWALK / CONCRETE RETAINING CURB DETAIL

STA 36+65 TO STA 36+85

NOTE:

VERTICAL REINFORCEMENT SHALL BE NO.4 EPOXY COATED BENT TIE BAR SPACED @ 30" C-C. PROVIDE BAR LENGTH AS NECESSARY TO OBTAIN 2" CLEAR FROM TOP OF WALL.

HORIZONTAL REINFORCEMENT NO. 4 EPOXY COATED BARS. EACH BAR SHALL BE TIED TO EACH VERTICAL BAR WITH THE UPPER HORIZONTAL BAR TIED 3" FROM THE TOP OF THE VERTICAL BAR, AND THE LOWER HORIZONTAL BAR TIED 2" ABOVE THE TOP OF WALK. HORIZONTAL BARS SHALL BE LAPPED AND TIED, 12".

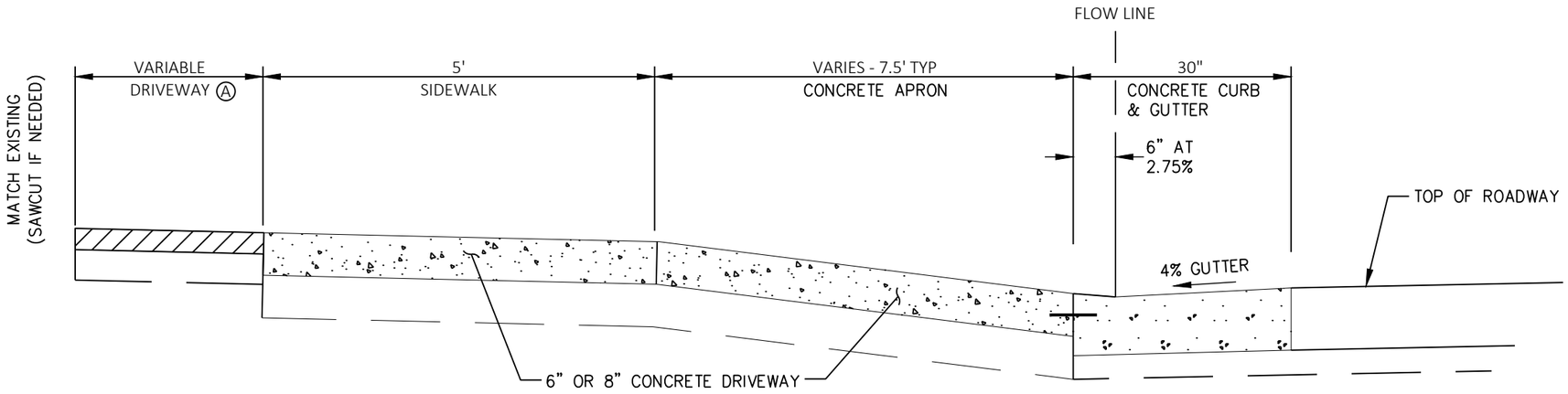
VERTICAL REINFORCEMENT AND LOWER HORIZONTAL BAR REQUIRED WHEN WALL HEIGHT ABOVE WALK EXCEEDS 4". UPPER HORIZONTAL #4 BAR REQUIRED WHEN WALL HEIGHT ABOVE WALK EXCEEDS 9".

HORIZONTAL #5 EPOXY COATED BARS REQUIRED WHEREVER THICKENED EDGE SIDEWALK IS CONSTRUCTED.

CURB LOCATED BEYOND THE RETAINING CURB TO BE CONSTRUCTED FLUSH WITH THE TOP OF THE RETAINING CURB. 1/2-INCH EXPANSION JOINT SHALL BE USED TO SEPARATE THE 18-INCH CURB AND GUTTER FROM THE RETAINING CURB.

MINIMUM OF 4-INCHES OF BASE AGGREGATE DENSE 1 1/4-INCH REQUIRED UNDER SIDEWALKS AND PARKING LOT CURB.

2



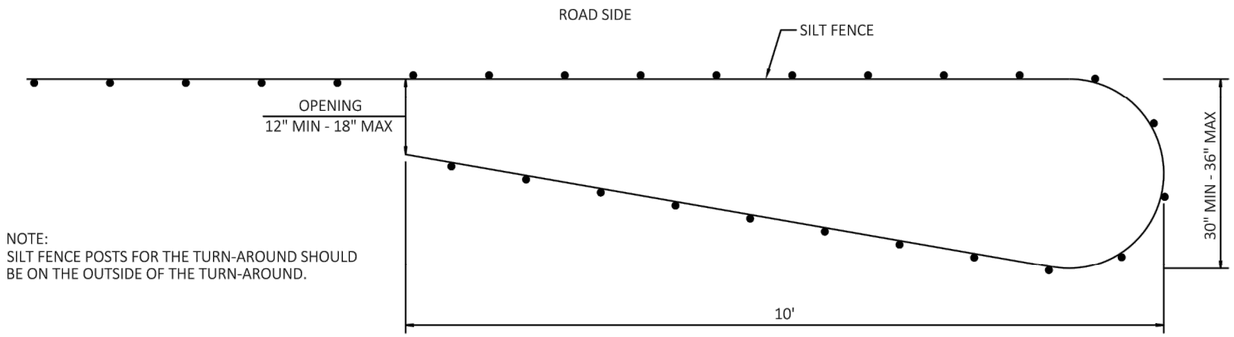
REFER TO STANDARD DETAIL 8D 19-2 "DRIVEWAY AND SIDEWALK RAMPS TYPE Z" FOR ADDITIONAL INFO. NOT ON THIS DETAIL

DRIVEWAY DETAIL WITH CONCRETE CURB & GUTTER

Ⓐ DRIVEWAY TYPES

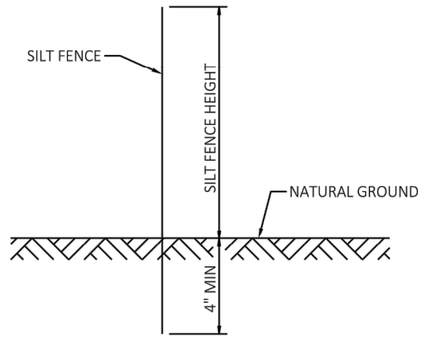
ASPHALT = 3-INCHES ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE (1-1/4")
GRAVEL = 6-INCHES BASE AGGREGATE DENSE (1-1/4")
CONCRETE (RESIDENTIAL) = 6-INCH CONCRETE DRIVEWAY OVER 6-INCH BASE AGGREGATE (1-1/4")
CONCRETE (COMMERCIAL) = 8-INCH CONCRETE DRIVEWAY OVER 6-INCH BASE AGGREGATE (1-1/4")

2



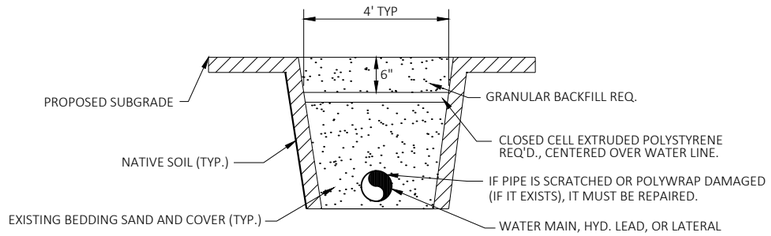
NOTE:
SILT FENCE POSTS FOR THE TURN-AROUND SHOULD BE ON THE OUTSIDE OF THE TURN-AROUND.

PLAN VIEW



SIDE VIEW

SILT FENCE TURN-AROUND DETAIL (J-HOOK)



GRANULAR BACKFILL SHALL BE LEVELED OUT SO INSULATION IS UNIFORMLY SUPPORTED, ESPECIALLY IF ANY SHEETS ARE OVERLAPPED

EXTRUDED POLYSTYRENE TO BE MIN. 2-INCH THICK UNLESS OTHERWISE SPECIFIED. SEE PLAN SHEETS FOR DETAILS

INSULATION BOARD POLYSTYRENE, 2-INCH

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND	
(3)	TYPE 3 RAMP
(4)	TYPE 4B1 RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

N

LEONARD POINT RD

10+07.47, -113.49' LT

787.80

10+57.98, -63.00' LT

R45'

MATCH EXISTING
STA 10+06.37
SAW CUT REQ'D

786.84

(4)

785.20 785.55 784.95 784.48 784.18 783.57 783.10 782.75 782.53 782.47 782.42 782.44 782.36 782.29 782.21 782.14 782.06 781.99 781.91 781.84 781.76 781.69 781.61 781.54 781.46

10+00 787.54 786.93 786.07 785.71 785.23 784.79 784.50 783.89 783.42 783.07

11+00 785.47

12+00 782.85 782.79 782.76 782.74 782.68 782.61 782.53 782.46 782.38 782.31

13+00 782.44 782.36 782.29 782.21 782.14 782.06

14+00 782.23 782.16 782.08 782.01 781.93 781.86 781.78

15+00

785.36 784.95 784.49 784.18 783.57 783.10 782.75 782.53 782.47 782.44 782.42

785.20

786.56

(4)

R45'

10+63.27, 63.00' RT

787.22

10+05.57, 83.99' RT

10+14.05, 86.31' RT

10+13.87, 104.81' RT

787.83

ASPH

8" CONC

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 13	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-PAV\OMRORD-PD.DWG
LAYOUT NAME - PD - (01)

PLOT DATE : 10/30/2020 12:38 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

SAN

12" 10" CONC ASPH 6" 6" CONC CONC 24"

21+56.10,
200+38.00, -3

1.54 781.46 781.39 781.31 781.24 781.16 781.13 781.18 781.25 781.33 781.38 781.36 781.28 781.21 781.13 781.06 780.98 780.91 780.83 780.76 780.68 780.61 780.53 780.46 780.38 780.31 780.23 780.16

16+00 LP+60 17+00 HP+43 18+00 19+00 20+00 21+00

1.86 781.78 781.71 781.63 781.56 781.48 781.45 781.50 781.57 781.65 781.70 781.68 781.60 781.53 781.45 781.38 781.30 781.23 781.15 781.08 781.00 780.93 780.85 780.78 780.70 780.63 780.55 780.48

1.54 781.46 781.39 781.31 781.24 781.16 781.13 781.18 781.25 781.33 781.38 781.36 781.28 781.21 781.13 781.06 780.98 780.91 780.83 780.76 780.68 780.61 780.53 780.46 780.38 780.31 780.23 780.16

ASPH 8" CONC GRVL GRVL

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND	
(3)	TYPE 3 RAMP
(4)	TYPE 4B1 RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 14	E

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND

3	TYPE 3 RAMP
4	TYPE 4B1 RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

N

WELSH HAVEN DRIVE

MATCH EXISTING
STA 201+05.7
SAW CUT REQ'D

STA 26+51.57 R/L OMRO RD (1) =
STA 210+00.00 R/L CAMBRIA CT (1)
Y=478,796.180
X=772,246.189

21+56.10, -38.00' LT
200+38.00, -34.00' LT

22+24.10, -38.00' LT
200+38.00, 34.00' RT

STA 21+90.10 R/L OMRO RD (1) =
STA 200+00.00 R/L WELSH HAVEN DR (1)
Y=478,801.501
X=771,784.747

26+17.57, 38.00' RT
209+62.00, -34.00' LT

26+85.57, 38.00' RT
209+62.00, 34.00' RT

MATCH EXISTING
STA 209+09
SAW CUT REQ'D

CAMBRIA COURT

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 15 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-PAV\OMRORD-PD.DWG
LAYOUT NAME - PD - (03)

PLOT DATE : 10/30/2020 12:39 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND	
2	TYPE 2 RAMP
3	TYPE 3 RAMP
4	TYPE 4B1 RAMP
7	TYPE 7B RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

SNOWDON DRIVE

MATCH EXISTING
STA 220+96.5
SAW CUT REQ'D

MATCH EXISTING
STA 231+54
SAW CUT REQ'D

LAKE BREEZE ROAD

220+60.12, -12.00' LT
+57.49, 12.00' RT
28+21.71, -38.00' LT
220+38.00, -34.00' LT
28+89.71, -38.00' LT
220+38.00, 34.00' RT
230+48.10, -11.99' LT
31+49.80, -38.00' LT
230+38.12, -34.00' LT
230+69.02, 11.44' RT
32+17.80, -38.00' LT
230+37.88, 34.00' RT

STA 28+55.71 R/L OMRO RD (1) =
STA 220+00.00 R/L SNOWDON DR (1)
Y=478,793.827
X=772,450.314

STA 31+83.94 R/L OMRO RD (1) =
STA 230+00.00 R/L LAKE BREEZE RD
Y=478,790.042
X=772,778.522

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 16 E

2

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND	
3	TYPE 3 RAMP
4	TYPE 4B1 RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

N

STA 35+71.79 R/L OMRO RD (1) =
STA 240+00.00 R/L ELMHURST LN (1)
Y=478,785.570
X=773,166.349

CONCRETE RETAINING CURB

THICKENED EDGE CONCRETE SIDEWALK

ASPH

ASPH

776.06 775.99 775.91 775.84 775.76 775.69 775.61 775.54 775.46 775.39 775.31 775.24 775.16 775.08 775.01 774.94 774.86 774.79 774.71 774.64 774.56 LP 774.68 774.81 774.93 775.05

34+00 35+00 36+00 37+00 38+00 39+00

776.38 776.31 776.23 776.16 776.08 776.01 775.93 775.86 775.78 775.71 775.63 775.56 775.48 775.41 775.33 775.26 775.18 775.11 775.03 774.96 774.88 LP 775.00 775.13 775.25 775.37

776.06 775.99 775.91 775.84 775.76 775.69 775.61 775.54 775.50 775.46 775.39 775.31 775.29 775.24 775.16 775.09 775.01 774.94 774.86 774.79 774.71 774.64 774.56 LP 774.68 774.81 774.93 775.05

R20'

35+37.63, 38.00' RT
239+61.86, -34.00' LT

775.44 775.62 775.38 775.40 775.50 775.60

12' 12'

R20'

36+05.63, 38.00' RT
239+62.14, 34.00' RT

ASPH

HP

775.72 775.93 775.86

239+15.61, -9.92' LT

10' 12'

ASPH

775.66 775.86 775.91

239+00

MATCH EXISTING
STA 239+01
SAW CUT REQ'D

ELMHURST LANE

36" 5"X3 14" 20" 8"X3 26" 32" 12"

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 17	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-PAV\OMRORD-PD.DWG
LAYOUT NAME - PD - (05)

PLOT DATE : 10/30/2020 12:40 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND	
(2)	TYPE 2 RAMP
(3)	TYPE 3 RAMP
(4)	TYPE 4B1 RAMP
(7)	TYPE 7B RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

MATCH EXISTING
STA 251+36
SAW CUT REQ'D

TAMMY ROAD

42+61.62, -38.00' LT
250+38.16, -34.00' LT

43+29.62, -38.00' LT
250+37.84, 34.00' RT

250+64.32, 11.90' RT

STA 45+06.23 R/L OMRO RD (1) =
STA 260+00.00 R/L HONEY CREEK RD (1)
Y=478,769.750
X=774,100.655

STA 42+95.80 R/L OMRO RD (1) =
STA 250+00.00 R/L TAMMY RD (1)
Y=478,773.449
X=773,890.253

HONEY CREEK ROAD

44+72.73, 38.00' RT
259+62.45, -34.00' LT

259+26.95, -11.00' LT

44+97.43, 165.54' RT
258+34.60, -11.00' LT

MATCH EXISTING
STA 258+09.7
SAW CUT REQ'D

45+40.74, 38.00' RT
259+61.54, 34.00' RT

45+19.43, 165.24' RT
258+34.60, 11.00' RT

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 18	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-PAV\OMRORD-PD.DWG
LAYOUT NAME - PD - (06)
PLOT DATE : 10/30/2020 12:41 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND	
3	TYPE 3 RAMP
4	TYPE 4B1 RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

N

MATCH EXISTING
STA 271+07
SAW CUT REQ'D

VALLEY ROAD

34'
30'
271+00
768.83
768.79
768.63

46+59.19, -38.00' LT
270+39.45, -33.97' LT

47+27.19, -38.00' LT
270+37.78, 34.00' RT
47+44.17, -31.00' LT
47+52.65, -29.95' LT
47+73.47, -24.75' LT
48+75.83, -24.75' LT
48+96.65, -29.95' LT
49+05.14, -31.00' LT

767.37
767.26
767.38
767.26
767.58
767.46
767.49
767.32
767.32
767.24
767.22
767.22
767.27
767.39
767.58
767.81
768.03
768.26
768.48
768.71
768.93
769.16
769.38
769.61
769.83
770.06
770.28

R20'
R20'
12'
12'
TP
LP

ASPH
ASPH

46+00
47+00
48+00
49+00
50+00
51+00

769.69
769.35
769.01
768.68
768.34
768.04
767.81
767.65
767.56
767.54
767.54
767.59
767.71
767.90
768.12
768.35
768.57
768.80
769.02
769.25
769.48
769.70
769.92
770.15
770.37
770.60

769.37
769.03
768.69
768.36
768.02
767.72
767.49
767.33
767.24
767.22
767.22
767.27
767.39
767.58
767.81
768.03
768.26
768.48
768.71
768.93
769.16
769.38
769.61
769.83
770.06
770.28

8" CONC
ASPH
GRVL
CONC

47+70.04, 31.00' RT
47+76.91, 30.32' RT
48+04.76, 24.75' RT
48+72.26, 24.75' RT
49+06.98, 31.00' RT
49+00.11, 30.32' RT

, 38.00' RT
54, 34.00' RT

STA 46+93.44 R/L OMRO RD (1) =
STA 270+00.00 R/L VALLEY RD (1)
Y=478,766.459
X=774,287.834

165.24' RT
0, 11.00' RT

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 19 E

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND	
3	TYPE 3 RAMP
4	TYPE 4B1 RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

N

CONC ASPH 8" CONC CONC CONC ASPH

770.51 770.69 770.73 770.91 771.01 771.06 771.05 HP 771.03 771.01 770.95 770.88 770.80 770.72 770.65 770.57 770.50 770.42 770.35 770.27 770.19 770.12 770.04 769.97 769.89 769.81 769.74 769.66 769.59

52+00 53+00 54+00 55+00 56+00 57+00

770.82 771.00 771.05 771.23 771.33 771.37 771.37 HP 771.35 771.33 771.27 771.20 771.12 771.04 770.97 770.89 770.82 770.74 770.66 770.59 770.51 770.44 770.36 770.29 770.21 770.13 770.06 769.98 769.91

770.51 770.69 770.73 770.91 771.01 771.06 771.06 771.03 771.01 770.95 770.88 770.80 770.72 770.65 770.57 770.50 770.42 770.35 770.27 770.19 770.12 770.04 769.97 769.89 769.81 769.74 769.66 769.59

CONC ASPH CONC CONC

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 20	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-PAV\OMRORD-PD.DWG
LAYOUT NAME - PD - (08)

PLOT DATE : 10/30/2020 12:42 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND	
(2)	TYPE 2 RAMP
(3)	TYPE 3 RAMP
(4)	TYPE 4B1 RAMP
(7)	TYPE 7B RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

N

281+64.71, -10.00' LT

769.20

ASPH

8" CONC

OAKWOOD ROAD

281+00

MATCH EXISTING
STA 280+16
SAW CUT REQ'D

769.92 769.72

769.60

12' 12'

280+68.86, 12.0

770.07

STA 63+44.00 R/L OMRO RD (1) =
STA 280+00.00 R/L OAKWOOD RD (1)
Y=478,737.447
X=775,938.135

63+03.84, -49.00' LT
280+49.13, -40.00' LT

CONC. C&G 18" TYPE D

ASPH

63+04.86, -43.00' LT
280+43.12, -39.00' LT

63+01.17, -29.65' LT

770.75

770.64 770.64

R6' R25' R12' R25'

770.95 771.09

770.94 770.92

771.17 771.23 771.26 771.27 771.26 771.13 771.19

62+81.86, -10.35' LT

63+00

280+00

HP

771.62 771.62 771.55

771.07 771.17 771.21 771.23 771.26 771.27 771.26 771.23 771.19

771.02 771.00

770.81 770.81

770.94

63+05.50, 43.00' RT
279+57.46, -39.00' LT

13'

771.11

771.04 770.70

279+00

59+47.55, -29.66' LT

769.21

769.59 769.51 769.43 769.36 769.30 769.28 769.24 769.24 769.25 769.30 769.25 769.25 769.28 769.39 769.53 769.66 769.80 769.94 770.08 770.22 770.36 770.50 770.64 770.78 770.91

LP

59+66.86, -10.35' LT

769.41 769.44 769.55 769.69 769.82 769.96 770.10 770.24 770.38 770.52 770.66 770.80 770.94

58+00 59+00 60+00 61+00 62+00

769.91 769.83 769.75 769.68 769.62 769.60 769.56 769.56 769.57 769.62 769.73 769.76 769.87 770.01 770.14 770.28 770.42 770.56 770.70 770.84 770.98 771.12 771.26 771.39 771.49 771.53 771.61

769.59 769.51 769.43 769.36 769.30 769.28 769.24 769.24 769.25 769.30 769.41 769.44 769.55 769.69 769.82 769.96 770.10 770.24 770.38 770.52 770.66 770.80 770.94 771.07

GRVL CONC ASPH ASPH CONC

20" 16" 12" 26" 6" 6" 14" 6" 18" 20" 4" 6" 36" 12" 8"

MB 1220

MB 1259

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 21	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-PAV\OMRORD-PD.DWG
LAYOUT NAME - PD - (09)

PLOT DATE : 10/30/2020 12:42 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND	
3	TYPE 3 RAMP
4	TYPE 4B1 RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

N

MATCH EXISTING
STA 280+85
SAW CUT REQ'D

280+68.86, 12.01' RT

63+83.50, -43.00' LT
280+43.45, 39.00' RT

R25'

CONC

ASPH

ASPH

ASPH

GRVL

771.13 771.19 771.08 771.06 770.90 770.71 770.52 770.33 770.14 769.95 769.76 769.57 769.38 769.19 769.03 768.93 768.89 LP 768.91 768.94 768.98 769.06 769.13 769.21 769.28 769.36 769.43 HP 769.35 769.28

64+00 65+00 66+00 67+00 68+00 69+00

771.55 771.40 771.38 771.22 771.03 770.84 770.65 770.46 770.27 770.08 769.89 769.70 769.51 769.35 769.25 769.21 LP 769.23 769.25 769.30 769.38 769.45 769.53 769.60 769.68 769.75 HP 769.67 769.60

771.23 771.19 771.08 771.06 770.90 770.71 770.52 770.33 770.14 769.95 769.76 769.57 769.38 769.19 769.03 768.93 768.89 LP 768.91 768.94 768.97 768.98 769.06 769.48 769.21 769.22 769.28 769.36 769.43 HP 769.35 769.28

R25'

63+82.87, 43.00' RT
279+54.51, 38.90' RT

OAKWOOD ROAD

768.74 4

768.94 4

R25'

R25'

768.80

768.50

768.65

15' 15'

67+71.49, 43.00' RT

68+55.49, 43.00' RT

GRVL

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 22	E

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND

3	TYPE 3 RAMP
4	TYPE 4B1 RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

N

SAN

MB 2622 OMRD

MATCH EXISTING
STA 291+00
SAW CUT REQ'D

12'
38'

291+00
767.17
767.56
767.57

OAKWOOD CIRCLE

767.40
290+64.07, 11.98' RT

767.15
767.18
767.36
767.14

12'
12'
767.24

75+31.09, -38.00' LT
290+38.34, 34.00' RT

8" CONC
ASPH

R20'
R20'

CONC. C&G 24" TYPE L

ASPH

PEDESTRIAN CURB

8" CONC

ASPH

STA 74+96.72 R/L OMRO RD (1) =
STA 290+00.00 R/L OAKWOOD CIR (1)
Y=478,734.094
X=777,090.850

74+63.09, -38.00' LT
290+37.67, -34.00' LT

769.28 769.20 769.13 769.05 768.98 768.90 768.83 768.75 768.68 768.60 768.53 768.45 768.38 768.30 768.23 768.15 768.08 768.00 767.82 767.64 767.54 767.45 767.27 767.09 767.05 766.91 766.73

70+00 71+00 72+00 73+00 74+00 75+00

769.60 769.52 769.45 769.37 769.30 769.22 769.15 769.07 769.00 768.92 768.85 768.77 768.70 768.62 768.55 768.47 768.40 768.32 768.14 767.96 767.77 767.59 767.41 767.23 767.05

769.28 769.20 769.13 769.05 768.98 768.90 768.83 768.75 768.68 768.60 768.53 768.45 768.38 768.30 768.23 768.15 768.08 768.00 767.82 767.64 767.56 767.45 767.27 767.09 767.06 766.91 766.73

GRVL

ASPH

CONC. C&G 24" TYPE D

10" 14" 10" 5" 8" 8" 10" 30" 6" 12"

767.47
767.61
767.37
767.25
767.48
767.52

R20'
R20'

4 4 4

STA 74+94.63 R/L OMRO RD (1) =
STA 290+00.00 R/L RAN LIE ST (1)
Y=478,734.100
X=777,088.762

74+60.62, 38.00' RT
289+61.99, -34.00' LT

75+28.62, 38.00' RT
289+62.01, 34.00' RT

289+52.01, 11.88' RT

289+36.55, -12.01' LT

12' 12' 30' 12'

RAN LIE STREET

289+00
767.65
768.07
768.44
768.10

MATCH EXISTING
STA 289+01
SAW CUT REQ'D

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 23	E

2

LEGEND

(2)	TYPE 2 RAMP
(3)	TYPE 3 RAMP
(4)	TYPE 4B1 RAMP
(7)	TYPE 7B RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
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N

SHEBOYGAN STREET

SHERRIN STREET

MATCH EXISTING
STA 301+14.5
SAW CUT REQ'D

MATCH EXISTING
STA 310+95.5
SAW CUT REQ'D

8" CONC

ASPH

765.80 765.52 765.81

301+00

300+57.42, -11.89' LT 765.10

300+62.88, 11.44' RT 765.15

765.00

78+11.09, -38.00' LT
300+37.67, -34.00' LT

78+79.09, -38.00' LT
300+39.28, 33.98' RT

765.06 764.88 764.94 764.72

81+01.09, -38.00' LT
310+37.67, -34.00' LT

310+86.39, -14.50' LT

762.26 762.89 762.54 762.27

762.68 762.80 762.65 762.64 762.64 762.76

81+69.09, -38.00' LT
310+38.34, 34.00' RT

762.77 762.56

766.73 766.55 766.36 766.18 766.00 765.82 765.64 765.46 765.27 765.09 765.01 764.91 764.73 764.55 764.52 764.36 764.18 764.00 763.82 763.64 763.46 763.27 763.09 762.91 762.76 762.60 762.48 762.45 762.2

76+00 77+00 78+00 79+00 80+00 81+00 82+0

767.05 766.87 766.68 766.50 766.32 766.14 765.96 765.78 765.59 765.41 765.23 765.05 764.87 764.68 764.50 764.32 764.14 763.96 763.78 763.59 763.41 763.23 763.08 762.92 762.77 762.6

766.73 766.55 766.36 766.18 766.00 765.82 765.64 765.46 765.27 765.09 764.91 764.73 764.55 764.36 764.18 764.00 763.82 763.64 763.46 763.27 763.09 762.91 762.76 762.60 762.45 762.2

RT

14" 24" 14" 14" 8" 10"

(5")

20" 20" 20" 24"

STA 78+44.72 R/L OMRO RD (1) =
STA 300+00.00 R/L SHEBOYGAN ST (1)
Y=478,733.081
X=777,438.850

STA 81+34.72 R/L OMRO RD (1) =
STA 310+00.00 R/L SHERRIN ST (1)
Y=478,732.238
X=777,728.849

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 24	E

2

2

NG

'D

, -38.00' LT
34, 34.00' RT

CONRAD STREET

MATCH EXISTING
STA 320+85
SAW CUT REQ'D

321+00

759.88 759.86
760.06
8' 10'

320+47.75, -11.26' LT
760.36

83+91.09, -38.00' LT
320+37.67, -34.00' LT

760.52 12' 12' 760.52

84+59.09, -38.00' LT
320+38.34, 34.00' RT

R20'

760.64

760.82

760.60

52.45 762.29 762.14 761.98 761.83 761.67 761.52 761.36 761.21 761.11 761.06 760.90 760.75 760.69 760.59 760.44 760.28 760.13 759.97 759.82 759.77 759.68 759.61 759.60 LP 759.61 759.62 759.68 759.77 759.81 759.97 LP 760.12 760.28

82+00 83+00 84+00 85+00 86+00 87+00 88+00

762.61 762.46 762.30 762.15 761.99 761.84 761.68 761.53 761.38 761.22 761.07 760.91 760.76 760.60 760.45 760.29 760.14 760.09 760.00 759.93 759.92 LP 759.93 760.00 760.09 760.13 760.29 759.97 LP 760.44 760.60

762.29 762.14 761.98 761.83 761.67 761.52 761.36 761.21 761.06 760.90 760.75 760.59 760.44 760.28 760.13 759.97 759.82 759.77 759.68 759.61 759.60 LP 759.61 759.68 759.77 759.81 759.99 760.12 760.28

ASPH

STA 84+24.72 R/L OMRO RD (1) =
STA 320+00.00 R/L CONRAD ST (1)
Y=478,731.394
X=778,018.847

52" 36" 40" 40" 24"

ASPH

N

KEWAUNEE STREET

MATCH EXISTING
STA 330+81.5
SAW CUT REQ'D

331+00

9' 9'
759.99 759.94
760.10

330+46.81, -11.38' LT

STA 87+17.22 R/L OMRO RD (1) =
STA 330+00.00 R/L KEWAUNEE ST (1)
Y=478,730.543
X=778,311.346

330+00.72, 10.48' RT
760.05

760.05

86+83.59, -38.00' LT
330+37.67, -34.00' LT

759.96 12' 12' 759.96

87+51.59, -38.00' LT
330+41.28, 33.84' RT

R20'

760.08

759.79

760.07

759.85

760.09

760.27 760.20

R25'

87+53.06, 43.00' RT

760.12 15' 15'

329+47.76, 15.81' RT

760.35

STA 87+10.65 R/L OMRO RD (1) =
STA 330+00.00 R/L WESTHAVEN DR (1)
Y=478,730.562
X=778,304.780

86+68.56, 43.00' RT
329+54.73, -42.19' LT

761.51

329+00

328+98.26, 14.03' LT

762.33

133'

WESTHAVEN DRIVE

ASPH

763.54 35' 763.88 763.71

MATCH EXISTING
STA 328+02
SAW CUT REQ'D

20"

NOTES:

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- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND	
(2)	TYPE 2 RAMP
(3)	TYPE 3 RAMP
(4)	TYPE 4B1 RAMP
(7)	TYPE 7B RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 25	E

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND	
3	TYPE 3 RAMP
4	TYPE 4B1 RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

N

MATCH EXISTING
STA 341+20
SAW CUT REQ'D

WILLOW SPRINGS ROAD
341+00

340+71.84, -12.00' LT
340+76.59, 12.0
93+34.60, -38.00' LT
340+38.22, -34.00' LT

759.09 759.19 759.06
758.64 758.73
757.96 758.08 757.96
758.08 757.65

R20' R20'

12" 40" 30" 18" 20" 12"

GRVL CONC CONC 6"

ASPH ASPH ASPH ASPH ASPH ASPH ASPH

	760.28	760.43	760.59	760.74	760.89	761.05	761.20	761.36	761.51	761.67	761.79	761.82	761.88 HP	761.82	761.62	761.29	761.21	760.88	760.46	760.04	759.63	759.21	758.79	758.37	758.21	757.96	757.54	757.35	757.3		
88+00					89+00				90+00					91+00					92+00				93+00						94+00			
	760.60	760.75	760.91	761.06	761.21	761.37	761.52	761.68	761.83	761.99	762.11	762.14	762.20 HP	762.14	761.94	761.61	761.53	761.20	760.78	760.36	759.95	759.53	759.11	758.69	758.28	757.86	757.67				
	760.28	760.43	760.59	760.74	760.89	761.05	761.20	761.36	761.51	761.67	761.79	761.82	761.88 HP	761.82	761.62	761.29	761.21	760.88	760.46	760.04	759.63	759.21	758.79	758.37	757.96	757.54	757.35				

STA 93+68.85 R/L OMRO RD (1) =
STA 340+00.00 R/L WILLOW SPRING RD (1)
Y=478,728.636
X=778,962.974

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 26	E

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND	
3	TYPE 3 RAMP
4	TYPE 4B1 RAMP
R25'	RADIUS TO FACE OF CURB (TYP)

N

WILLOW BEND LANE

MATCH EXISTING
STA 350+92
SAW CUT REQ'D

94+02.60, -38.00' LT
340+37.78, 34.00' RT

97+25.61, -38.00' LT
350+38.22, -34.00' RT

97+93.61, -38.00' LT
350+37.78, 34.00' RT

350+60.88, 12.24' RT

STA 97+59.86 R/L OMRO RD (1) =
STA 350+00.00 R/L WILLOW BEND LN (1)
Y=478,727.484
X=779,353.980

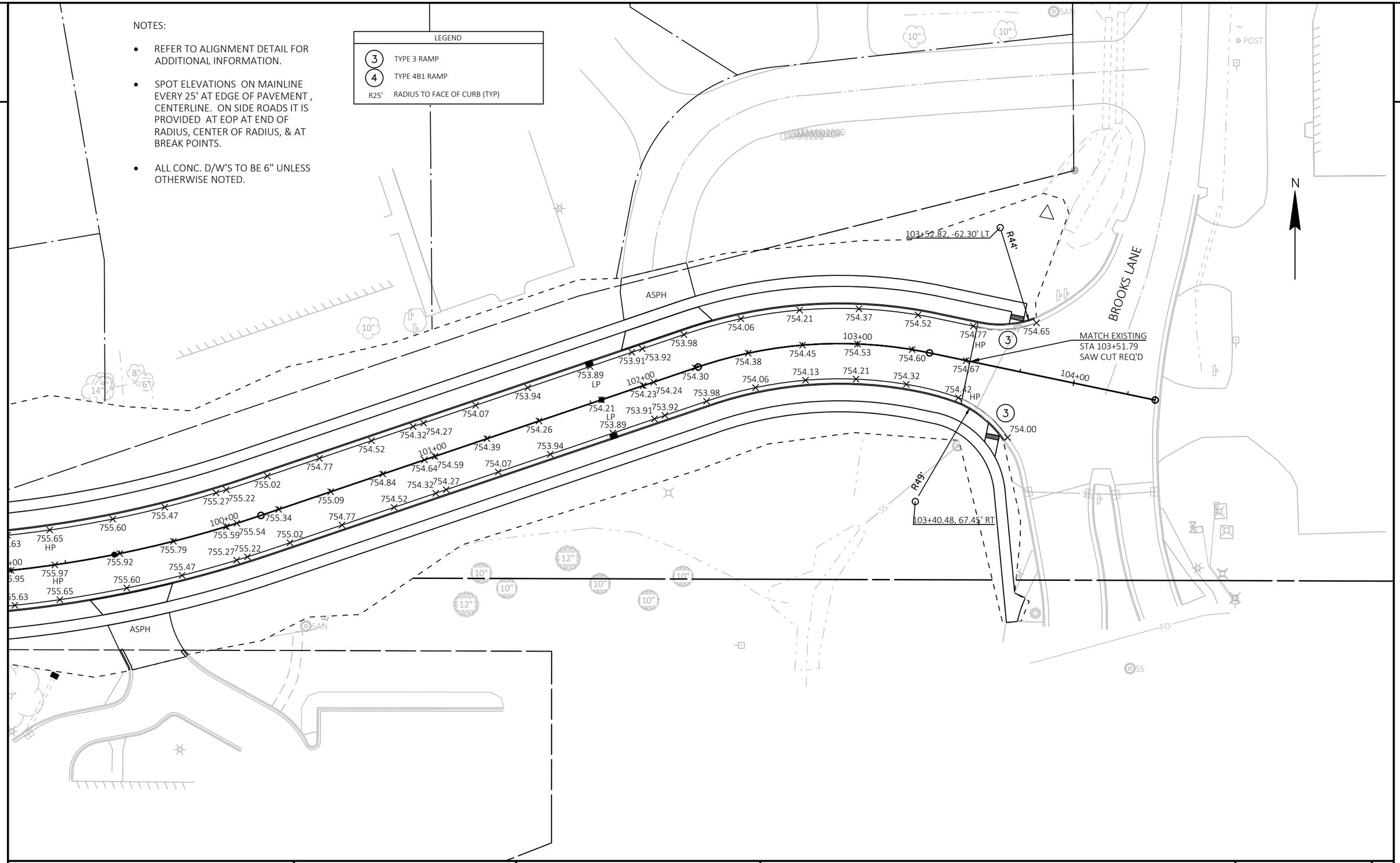
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 27	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-PAV\OMRORD-PD.DWG
LAYOUT NAME - PD - (15)
PLOT DATE : 10/30/2020 12:45 PM
PLOT BY : MIKE WRIGHT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

NOTES:

- REFER TO ALIGNMENT DETAIL FOR ADDITIONAL INFORMATION.
- SPOT ELEVATIONS ON MAINLINE EVERY 25' AT EDGE OF PAVEMENT , CENTERLINE. ON SIDE ROADS IT IS PROVIDED AT EOP AT END OF RADIUS, CENTER OF RADIUS, & AT BREAK POINTS.
- ALL CONC. D/W'S TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND	
3	TYPE 3 RAMP
4	TYPE 4B1 RAMP
R25'	RADIUS TO FACE OF CURB (TYP)



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVING DETAILS	SHEET 28	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-PAV\OMRORD-PD.DWG
LAYOUT NAME - PD - (16)

PLOT DATE : 10/30/2020 12:46 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- SILT FENCE
- A — INLET PROTECTION — TYPE
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

N

LEONARD POINT ROAD

BP: 9+50.00

PC: 10+67.91

PT: 12+14.52

PC: 12+48.35

PT: 13+94.96

BEGIN PROJECT
STA 10+06.37

10+00 11+00 12+00 13+00 14+00 15+00

OMRO ROAD

OMRO ROAD

14+00 15+00 16+00 17+00 18+00 19+00 20+00

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 29	E

2

2

LEGEND

- SILT FENCE
- A — INLET PROTECTION (TYPE)
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

WELSH HAVEN DRIVE

OMRO ROAD

SNOWDON DRIVE

CAMBRIA COURT

19+00 20+00 21+00 22+00 23+00 24+00 25+00

24+00 25+00 26+00 27+00 28+00 29+00 30+00

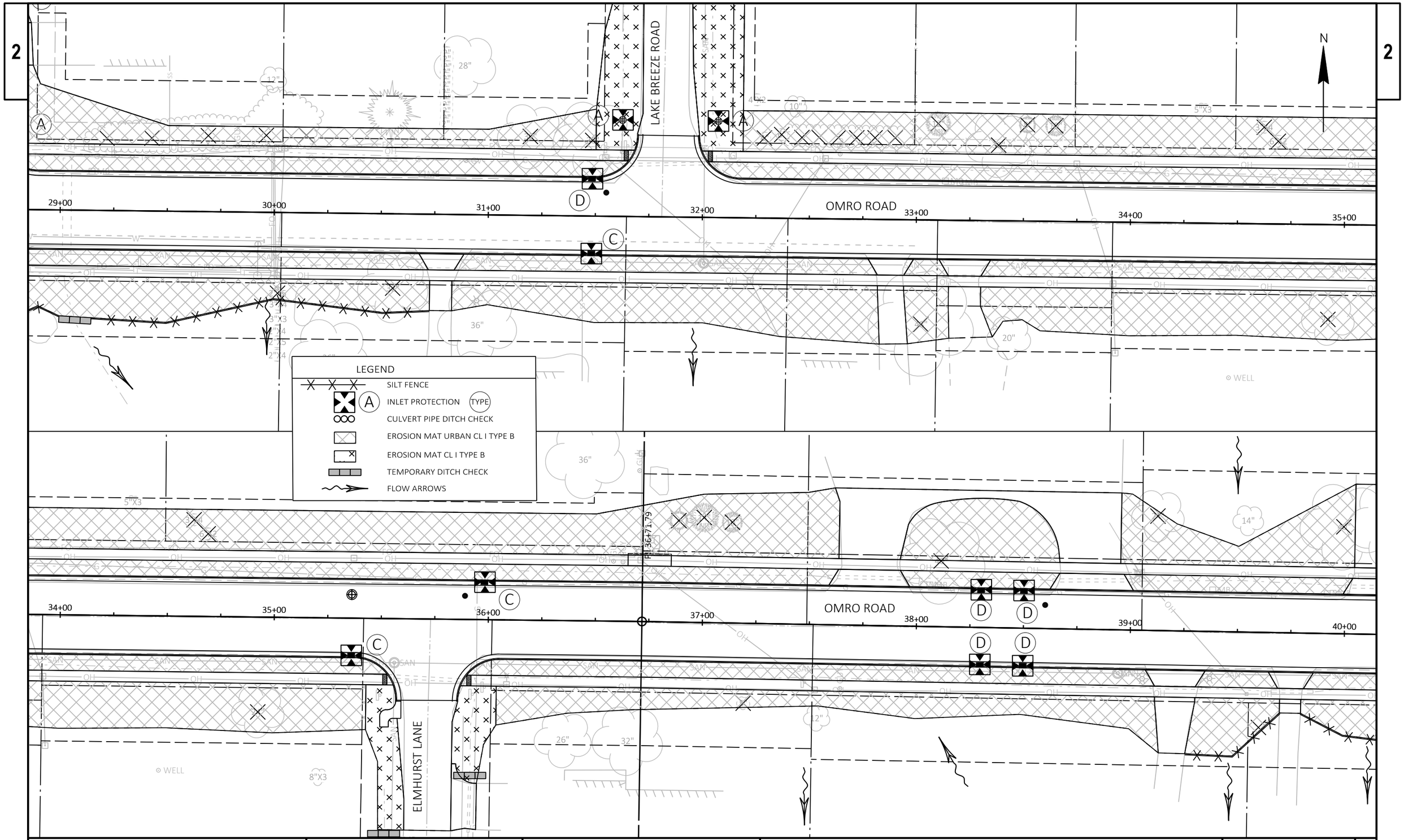
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 30	E

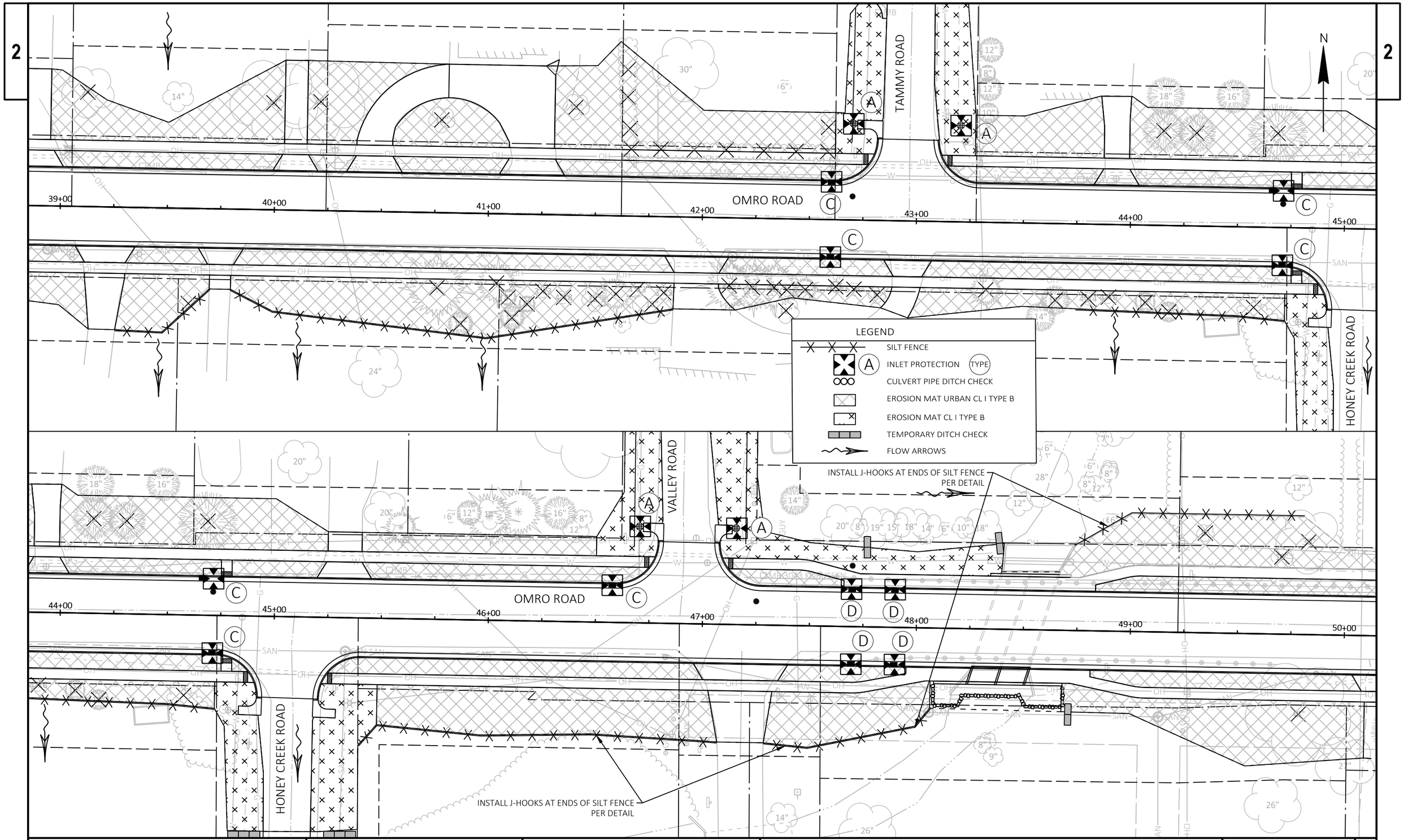
FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-EC\OMRORD-EC.DWG
LAYOUT NAME - Sheet - (2)

PLOT DATE : 10/30/2020 1:05 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 31	E



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 32	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-EC\OMRORD-EC.DWG
LAYOUT NAME - Sheet - (4)

PLOT DATE : 10/30/2020 1:06 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

N

OMRO ROAD

49+00 50+00 51+00 52+00 53+00 54+00 55+00

OMRO ROAD

54+00 55+00 56+00 57+00 58+00 59+00 60+00

LEGEND

- SILT FENCE
- (A) INLET PROTECTION (TYPE)
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 33	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-EC\OMRORD-EC.DWG
LAYOUT NAME - Sheet - (5)

PLOT DATE : 10/30/2020 1:06 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########

2

OMRO ROAD

OAKWOOD ROAD

PI: 63+44.00

59+00 60+00 61+00 62+00 63+00 64+00 65+00

OMRO ROAD

OAKWOOD ROAD

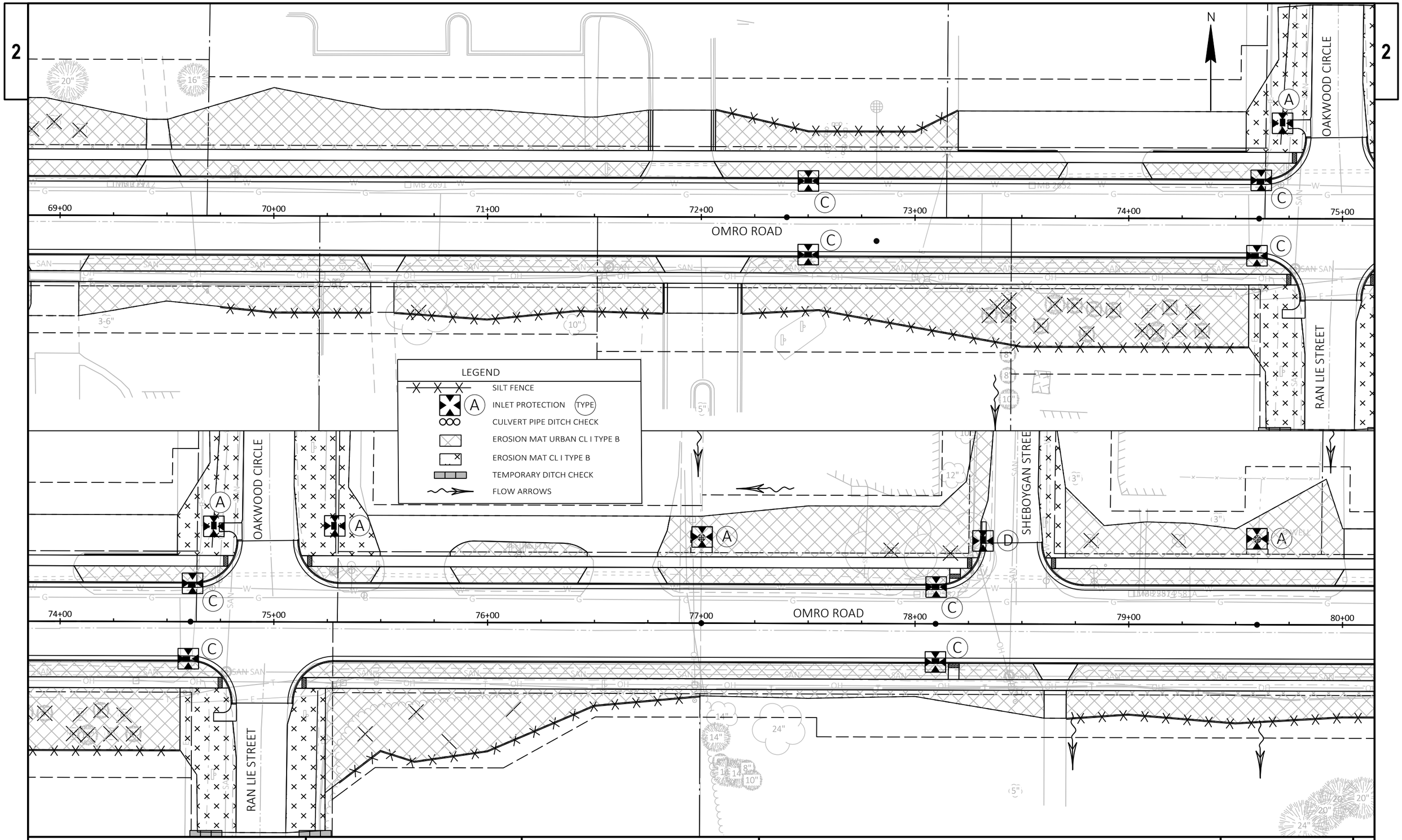
64+00 65+00 66+00 67+00 68+00 69+00 70+00

N

LEGEND

- SILT FENCE
- (A) INLET PROTECTION (TYPE)
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 34	E



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 35	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-EC\OMRORD-EC.DWG
LAYOUT NAME - Sheet - (7)

PLOT DATE : 10/30/2020 1:07 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

SHERRIN STREET

CONRAD STREET

OMRO ROAD

79+00 80+00 81+00 82+00 83+00 84+00 85+00

CONRAD STREET

KEWAUNEE STREET

OMRO ROAD

84+00 85+00 86+00 87+00 88+00 89+00 90+00

WESTHAVEN DRIVE

N

LEGEND

- SILT FENCE
- (A) INLET PROTECTION (TYPE)
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 36	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-EC\OMRORD-EC.DWG
LAYOUT NAME - Sheet - (8)

PLOT DATE : 10/30/2020 1:07 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########

2

OMRO ROAD

WILLOW SPRINGS ROAD

WILLOW BEND LANE

89+00 90+00 91+00 92+00 93+00 94+00 95+00

94+00 95+00 96+00 97+00 98+00 99+00 100+00

PC 93+43.19

PT 100+15.72

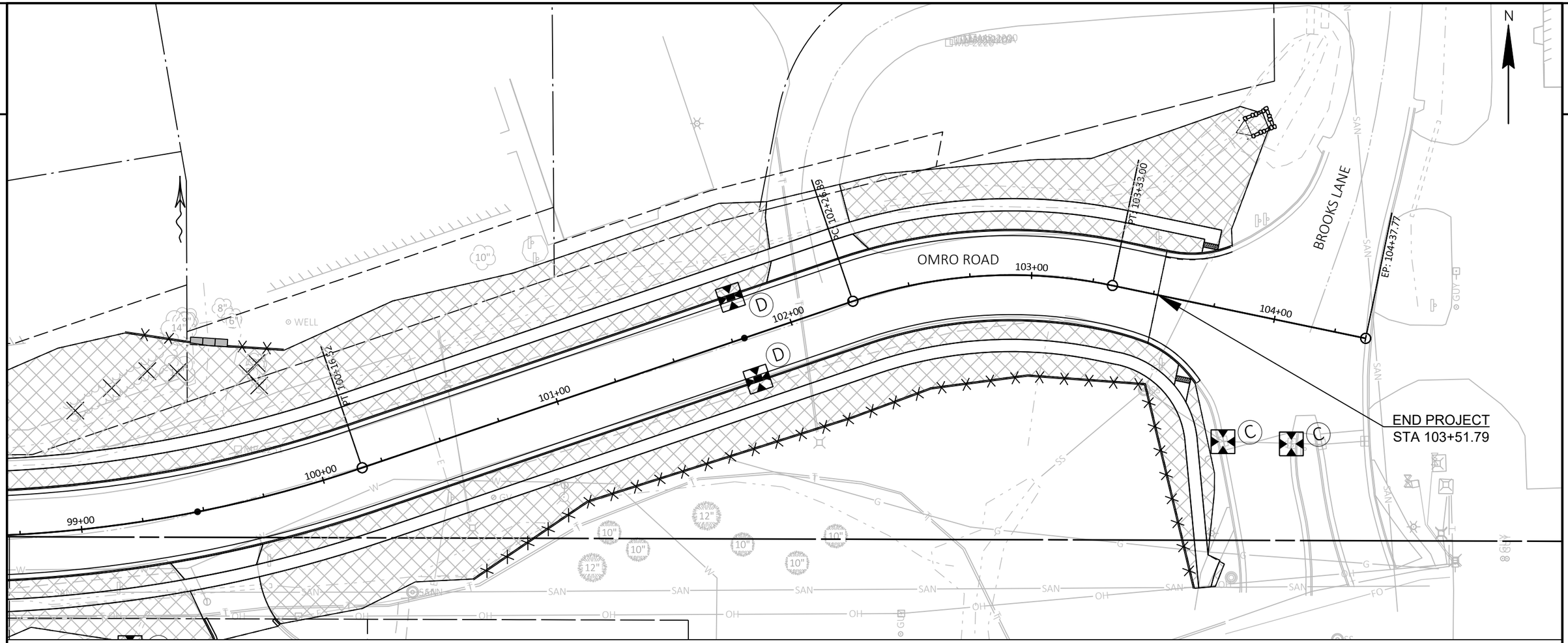
LEGEND

- SILT FENCE
- (A) INLET PROTECTION (TYPE)
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 37	E

FILE NAME : W:\PROJECTS\A0018\817700106\CADD\CIVIL3D\PLAN SHEETS\02-EC\OMRORD-EC.DWG
LAYOUT NAME - Sheet - (9)

PLOT DATE : 10/30/2020 1:07 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########



LEGEND

- SILT FENCE
- (A) INLET PROTECTION (TYPE)
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 38	E

2

2

N

21+00

22+00

26+00

27+00

WELSH HAVEN DRIVE

OMRO ROAD

CAMBRIA COURT

LEGEND

- SILT FENCE
- (A) INLET PROTECTION (TYPE)
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 39	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-EC\OMRORD-EC.DWG
LAYOUT NAME - Sheet - (11)

PLOT DATE : 10/30/2020 1:08 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########

2

N

28+00

29+00

SNOWDON DRIVE

A

C

D

LEGEND

- SILT FENCE
- A INLET PROTECTION (TYPE)
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

N

31+00

32+00

LAKE BREEZE ROAD

OMRO

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 40	E

2

N

35+00

36+00

ELMHURST LANE

D

C

LEGEND

- SILT FENCE
- A INLET PROTECTION (TYPE)
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

N

42+00

OMRO ROAD

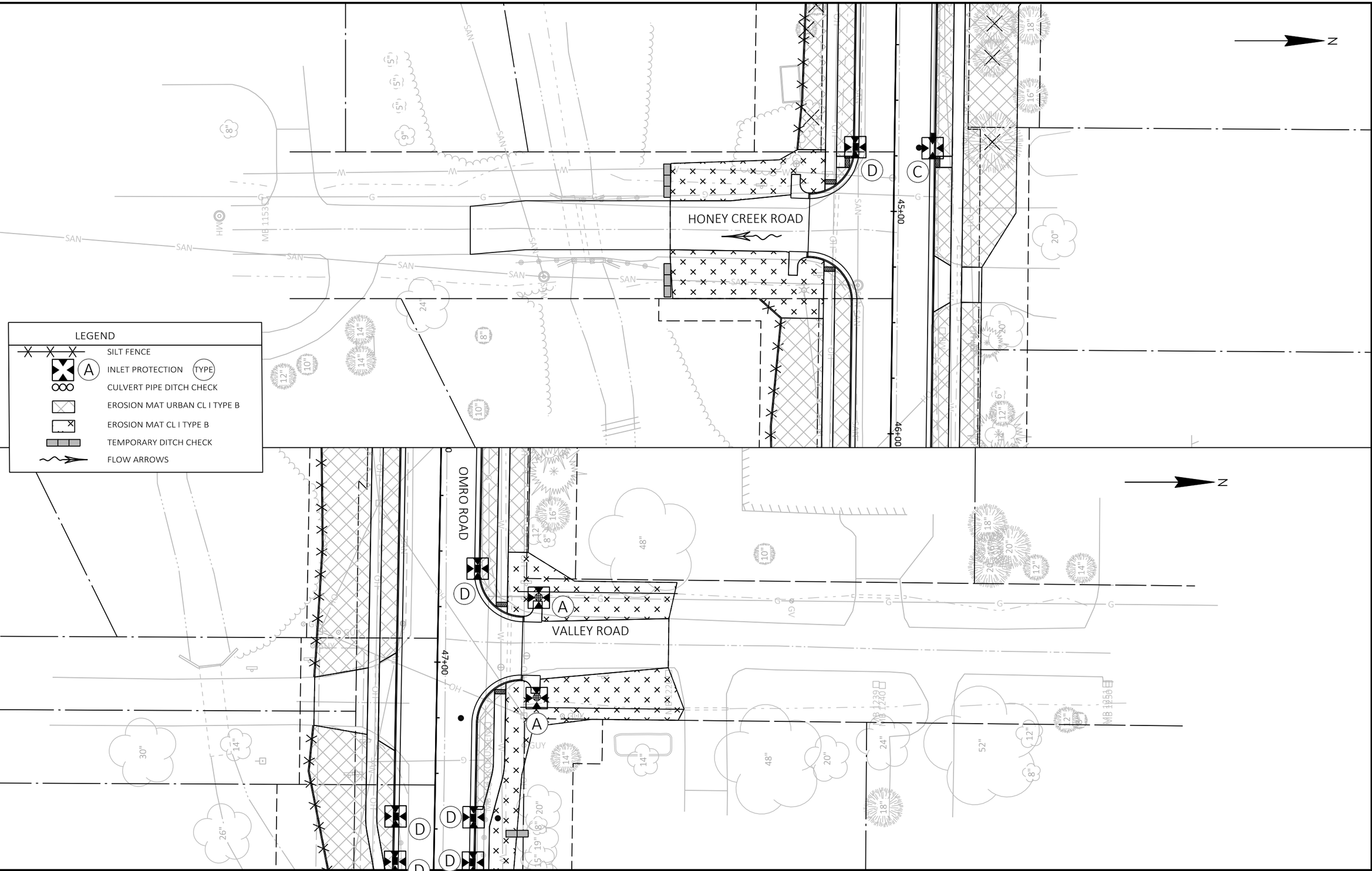
43+00

TAMMY ROAD

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 41	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-EC\OMRORD-EC.DWG
LAYOUT NAME - Sheet - (13)
PLOT DATE : 10/30/2020 1:08 PM
PLOT BY : MIKE WRIGHT
PLOT NAME :
PLOT SCALE : ##########

2



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 42	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-EC\OMRORD-EC.DWG
LAYOUT NAME - Sheet - (14)

PLOT DATE : 10/30/2020 1:08 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########

2

N

OAKWOOD ROAD

PI: 63+44.00

63+00

64+00

74+00

75+00

RAN LIE STREET

OAKWOOD CIRCLE

LEGEND

- SILT FENCE
- A — INLET PROTECTION (TYPE)
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 43	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-EC\OMRORD-EC.DWG
LAYOUT NAME - Sheet - (15)

PLOT DATE : 10/30/2020 1:09 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########

2

OMRO ROAD

78+00

79+00

81+00

82+00

SHEBOYGAN STREET

SHERRIN STREET

N

N

LEGEND

- SILT FENCE
- A — INLET PROTECTION — TYPE
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 44	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-EC\OMRORD-EC.DWG
LAYOUT NAME - Sheet - (16)

PLOT DATE : 10/30/2020 1:09 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########

2

N

CONRAD STREET

84+00

85+00

87+00

88+00

WESTHAVEN DRIVE

KEWAUNEE STREET

OMRO ROAD

LEGEND

- SILT FENCE
- A INLET PROTECTION (TYPE)
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 45	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-EC\OMRORD-EC.DWG
LAYOUT NAME - Sheet - (17)

PLOT DATE : 10/30/2020 1:09 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########

2

2

LEGEND

- SILT FENCE
- (A) INLET PROTECTION (TYPE)
- CULVERT PIPE DITCH CHECK
- EROSION MAT URBAN CL I TYPE B
- EROSION MAT CL I TYPE B
- TEMPORARY DITCH CHECK
- FLOW ARROWS

WILLOW SPRINGS ROAD

OMRO ROAD

WILLOW BEND LANE

93+00

94+00

97+00

98+00

PC 98+43.19

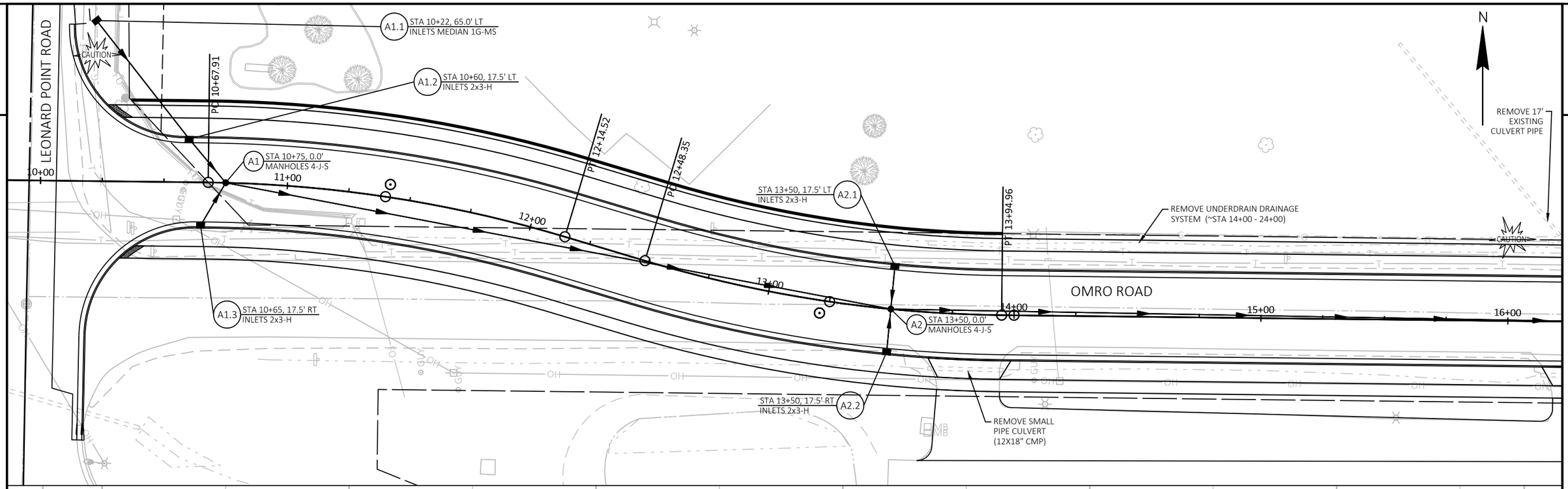
N

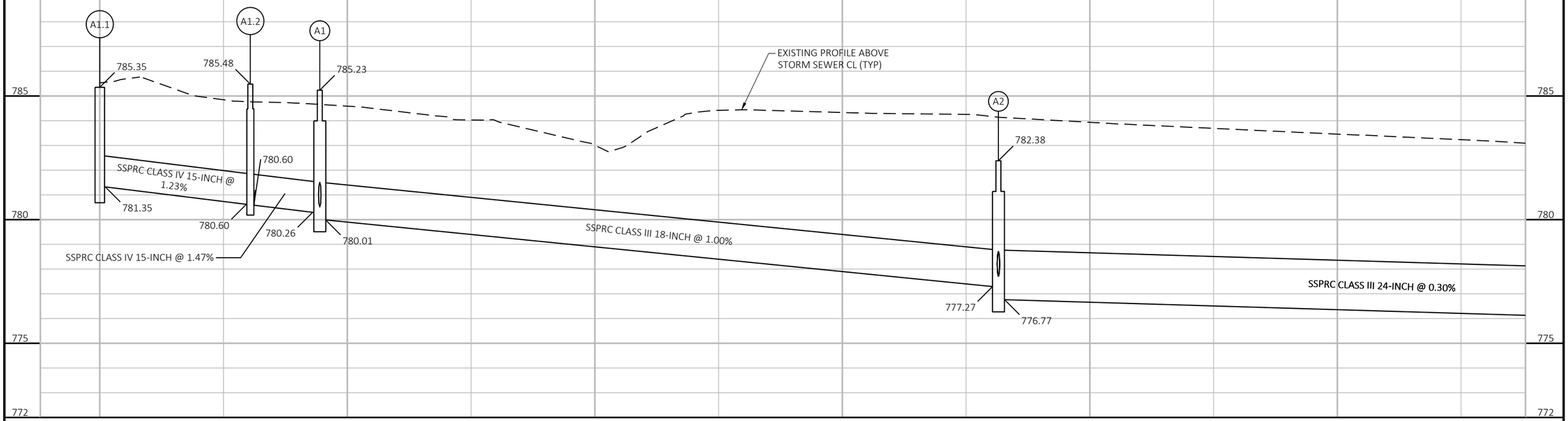
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	EROSION CONTROL DETAIL	SHEET 46	E

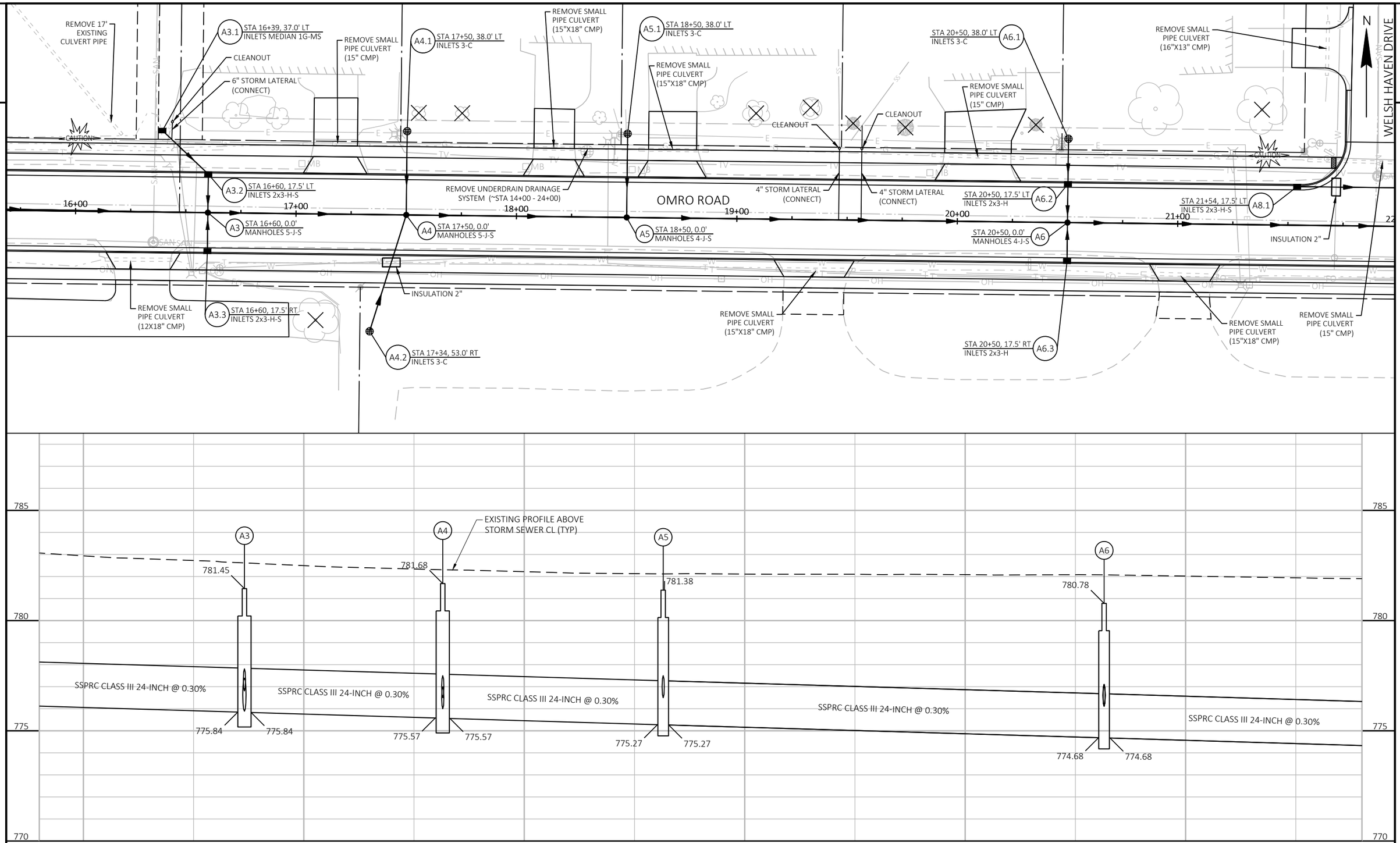
FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-EC\OMRORD-EC.DWG
LAYOUT NAME - Sheet - (18)

PLOT DATE : 10/30/2020 1:10 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 47	E



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 48	E

REMOVE SMALL PIPE CULVERT (16"X13" CMP)

REMOVE SMALL PIPE CULVERT (16"X13" CMP)

WELSH HAVEN DRIVE

A8.2 STA 22+26, 17.5' LT INLETS 2x3-H

REMOVE UNDERDRAIN DRAINAGE SYSTEM (~STA 14+00 - 24+00)

CLEANOUT

REMOVE SMALL PIPE CULVERT (18" CMP)

B1 STA 24+20, 41.0' LT APRON ENDWALLS FOR CPRC 24-INCH

REMOVE 36" STORM SEWER

REMOVE STORM MANHOLE

REMOVE STORM INLET & 12" STORM SEWER

A7.1 STA 25+50, 40.0' LT INLETS 3-C

STA 26+14, 17.5' LT INLETS 2x3-H A7.2

REMOVE 36" STORM SEWER

REMOVE STORM INLET & 12" STORM SEWER

N

CAUTION

A8.1 STA 21+54, 17.5' LT INLETS 2x3-H-S

21+00

22+00

A8 STA 22+24, 0.0' MANHOLES 7-J-S

4" STORM LATERAL (CONNECT)

OMRO ROAD

23+00

24+00

B2 STA 24+40, 11.0' LT MANHOLES 5-J-S

25+00

26+00

27+00

INSULATION 2"

INSULATION 2"

STA 26+14, 17.5' RT INLETS 2x3-H A7.4

A7 STA 26+10, 0.0' LT MANHOLES 4-J-S

REMOVE SMALL PIPE CULVERT (18" CMP)

REMOVE SMALL PIPE CULVERT (15"X18" CMP)

REMOVE SMALL PIPE CULVERT (15" CMP)

A8.3 STA 22+50, 17.5' RT INLETS 2x3-H

REMOVE SMALL PIPE CULVERT (15" CMP)

REMOVE SMALL PIPE CULVERT (2-18" CMP)

4" STORM LATERAL (STUB & CAP)

REMOVE SMALL PIPE CULVERT (15" CMP)

CLEANOUT

STA 26+38, 39.5' RT INLETS 2x3-H-S A7.3

REMOVE SMALL PIPE CULVERT (15" CMP)

CAMBRIA COURT

CLEANOUT

CONNECT TO EXISTING 30" RCP VERIFY PIPE SIZE AND ELEVATION

785

780

775

770

EXISTING PROFILE ABOVE STORM SEWER CL (TYP)

A8

780.26

774.16

773.66

SSPRC CLASS III 24-INCH @ 0.30%

SSPRC CLASS IV 18-INCH @ 0.30%

A7

779.10

774.80

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 49	E

2

N

B1 STA 24+20, 41.0' LT
APRON ENDWALLS FOR CPRC 24-INCH

REMOVE 36" STORM SEWER

REMOVE STORM MANHOLE

REMOVE SMALL PIPE CULVERT (18" CMP)

REMOVE STORM INLET & 12" STORM SEWER

A7.1 STA 25+50, 40.0' LT
INLETS 3-C

A7.2 STA 26+14, 17.5' LT
INLETS 2x3-H

REMOVE 36" STORM SEWER

REMOVE STORM INLET & 12" STORM SEWER

CAUTION

B2 STA 24+40, 11.0' LT
MANHOLES 5-J-S

24+00

25+00

26+00

27+00

28+00

29+00

30+00

OMRO ROAD

A7.4 STA 26+14, 17.5' RT
INLETS 2x3-H

A7 STA 26+10, 0.0' LT
MANHOLES 4-J-S

REMOVE SMALL PIPE CULVERT (18" CMP)

REMOVE SMALL PIPE CULVERT (2-18" CMP)

4" STORM LATERAL (STUB & CAP)

REMOVE SMALL PIPE CULVERT (15" CMP)

CLEANOUT

A7.3 STA 26+38, 39.5' RT
INLETS 2x3-H-S

REMOVE SMALL PIPE CULVERT (15" CMP)

CAMBRIA COURT

CLEANOUT

4" PVC STORM LATERAL (STUB & CAP)

CONNECT EXIST 18" CPP FROM SOUTH TO STO MH B3 VERIFY PIPE SIZE & ELEVATION

REMOVE SMALL PIPE CULVERT (15" CMP)

REMOVE SMALL PIPE CULVERT (36" CMP)

B3 STA 28+03, 11.0' LT
MANHOLES 6-J-S

B4 STA 28+42, 11.0' LT
MANHOLES 7-J-S

B4.2 STA 28+31, 92.9' LT
INLETS 4-C

REMOVE STORM INLET
REMOVE SMALL PIPE CULVERT (15" CMP)

B4.5 STA 28+42, 39.5' LT
INLETS 4-H-S

REMOVE STORM MANHOLE & STORM SEWER (15")

REMOVE 36" STORM SEWER

REMOVE STORM INLET & STORM SEWER (12")

CLEANOUT

4" STORM LATERAL (STUB & CAP)

B3.1 STA 28+03, 17.5' LT
INLETS 2x3-H

REMOVE STORM MH B3 & 8" - 18" CPP

SNOWDON DRIVE

B4.3 STA 28+79, 98.0' LT
INLETS 4-C

REMOVE SMALL PIPE CULVERT (15" CMP)

B4.4 STA 28+79, 39.5' LT
INLETS 4-C

4" STORM LATERAL (STUB & CAP)

CLEANOUT

CAUTION

B4.7 STA 28+20, 17.5' RT
INLETS 2x3-H

B4.6 STA 28+07, 40.0' RT
INLETS 3-C

REMOVE SMALL PIPE CULVERT (15" CMP)

EXISTING PROFILE ABOVE STORM SEWER CL (TYP)

B1 B2 B3 B4

780 775 770 766

779.39

775.90

774.10

771.25

SSPRC CLASS IV 24-INCH @ 4.99%

SSPRC CLASS III 36-INCH @ 0.30%

778.30

778.18

770.16

770.16

770.04

770.04

SSPRC CLASS III 36-INCH @ 0.30%

SSPRC CLASS III 42-INCH @ 0.30%

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 50	E

2

N

STA 31+62, 45.0' LT
INLETS 4-C
B5.3

STA 31+48, 17.5' LT
INLETS 2x3-H-S
B5.1

B5.2 STA 32+07, 45.0' LT
INLETS 3-C

REMOVE SMALL
PIPE CULVERT
(15" CMP)

LAKE BREEZE ROAD

STA 35+89, 11.0' LT
MANHOLES 8-J-S
B6

CLEANOUT

CAUTION

30+00

31+00

32+00

OMRO ROAD

33+00

34+00

35+00

STA 31+55, 11.0' LT
MANHOLES 7-J-S
B5

CORE 42" SSPRC &
CONNECT 12" SSPRC

4" STORM LATERAL
(STUB & CAP)

CLEANOUT

B5.4 STA 31+48, 17.5' RT
INLETS 2x3-H

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE SMALL
PIPE CULVERT
(18" CMP)

STA 35+36, 17.5' RT
INLETS 2x3-H
B6.2

WELL

ELMHURST LANE

EXISTING PROFILE ABOVE
STORM SEWER CL (TYP)

780

775

770

765

764

B5

776.86

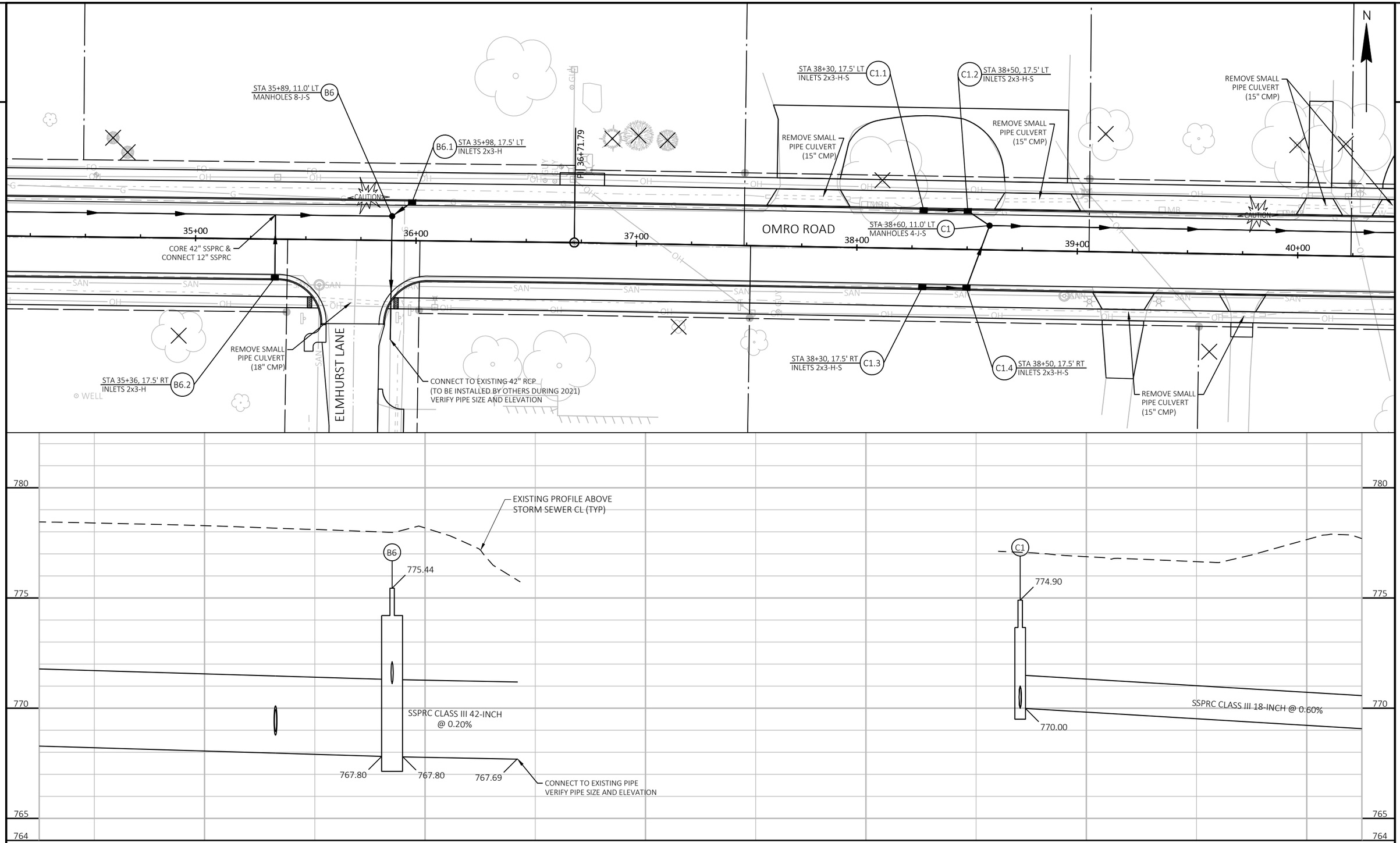
SSPRC CLASS III 42-INCH @ 0.30%

SSPRC CLASS III 42-INCH @ 0.30%

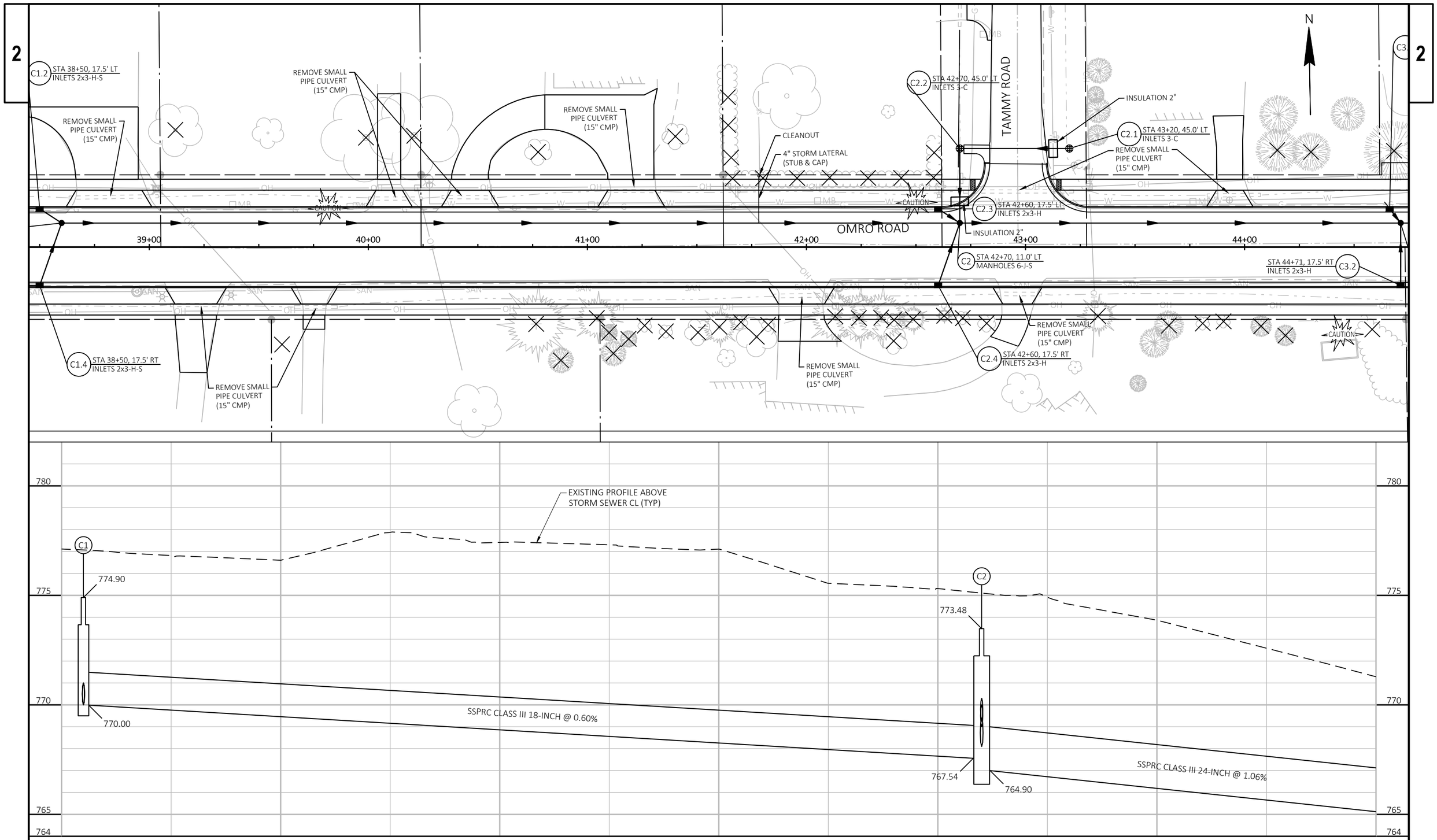
769.10

769.10

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 51	E



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 52	E

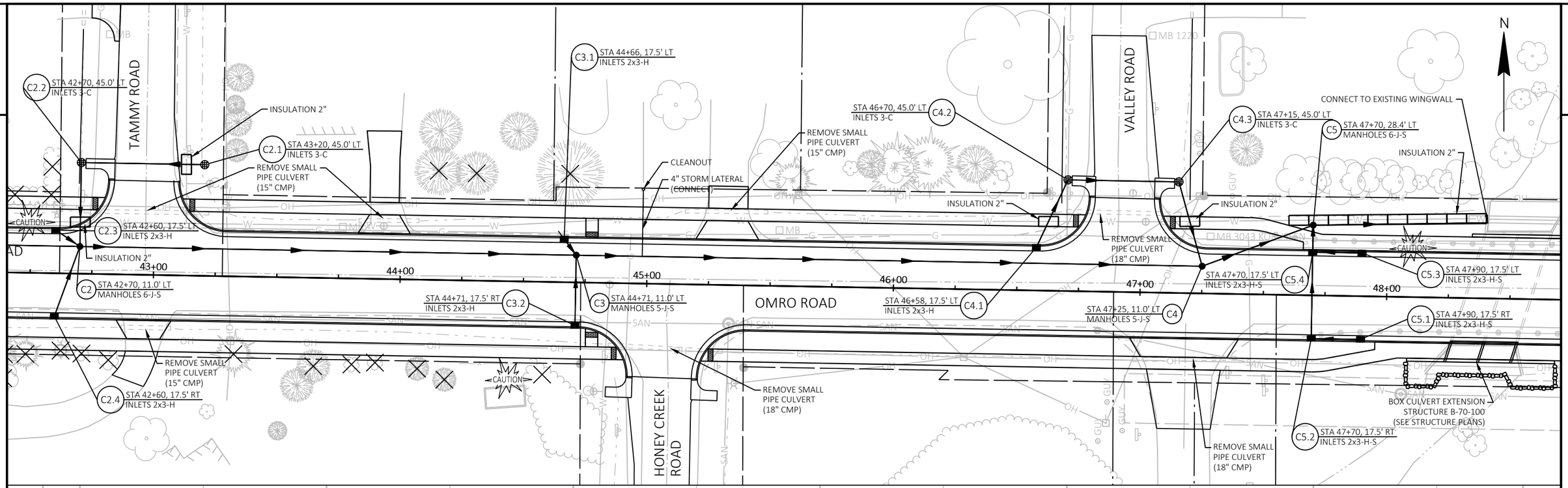


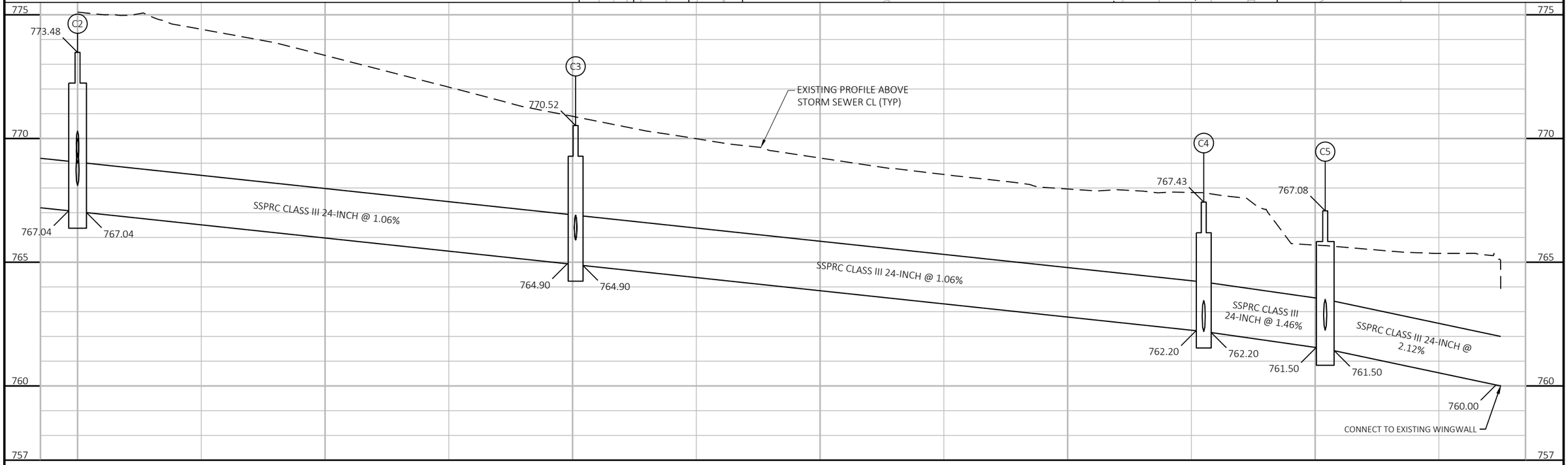
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	STORM SEWER DETAILS	SHEET 53	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 07 02SS

PLOT DATE : 1/15/2021 3:53 PM PLOT BY : JOSH FREWERD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 41





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 54	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 8 02SS
PLOT DATE : 1/15/2021 3:54 PM
PLOT BY : JOSH FREWERD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

2

2

N

REMOVE SMALL PIPE CULVERT (15" CMP)

REMOVE SMALL PIPE CULVERT (15" CMP)

REMOVE SMALL PIPE CULVERT (15" CMP)

REMOVE SMALL PIPE CULVERT (15" CMP)

REMOVE SMALL PIPE CULVERT (15" CMP)

OMRO ROAD

49+00 50+00 51+00 52+00 53+00 54+00

D1 STA 54+15, 0.0' MANHOLES 4-J-S

4" STORM LATERAL @ 1.0%

CONNECT 4" STORM LATERAL TO 15" SSPRC 4" INV= 766.99

4" CLEANOUT

4" STORM LATERAL (CONNECT)

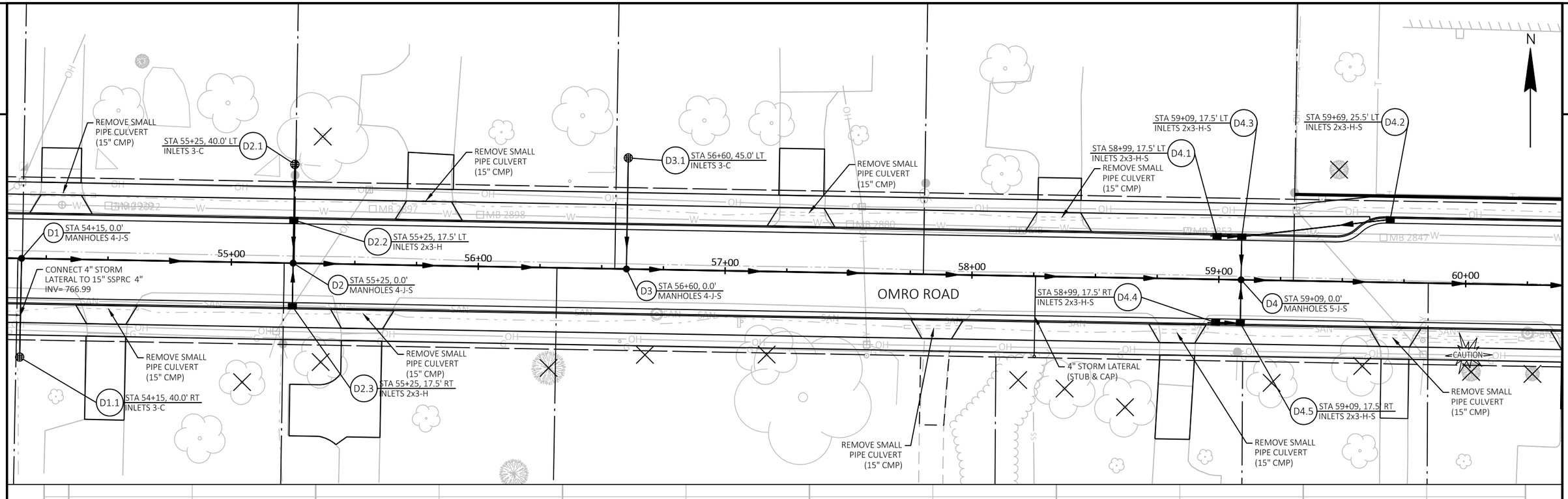
REMOVE SMALL PIPE CULVERT (15" CMP)

D1.1 STA 54 INLETS

CAUTION

WELL

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER DETAILS	SHEET 55	E



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 56	E

STA 63+09, 119.4' LT
INLETS 3-Z
E2.1

STA 63+23, 119.2' LT
MANHOLES 6-J-S
E2

STA 61+25, 49.0' LT
INLETS 3-C
D5.1

INSULATION 2"

INSULATION 2"

OMRO ROAD

61+00

62+00

63+00

64+00

65+00

66+00

STA 61+50, 0.0'
MANHOLES 5-J-S
D5

STA 63+22, 36.8' RT
APRON ENDWALLS FOR CPRCHE 24x38-INCH
E1

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE SMALL
PIPE CULVERT
(15" CMP)

D5.2
STA 61+62, 40.0' RT
INLETS 3-C

REMOVE SMALL
PIPE CULVERT
(30" CMP)

CAUTION

CAUTION

CAUTION

OAKWOOD ROAD

PI: 63+44.00

OAKWOOD ROAD

RE-DITCH 73' @ 1.0%

E5
STA 63+67, 37.4' LT
APRON ENDWALLS FOR CPRCHE 24x38-INCH

REMOVE SMALL
PIPE CULVERT
(15" CMP)

4" STORM LATERAL
(STUB & CAP)

CONNECT 4" STORM
LATERAL TO 12" SSPRC
4" INV= 766.12

D6.1
STA 64+55, 40.0' LT
INLETS 3-C

REMOVE SMALL
PIPE CULVERT
(15" CMP)

4" STORM LATERAL
(STUB & CAP)

4" CLEANOUT

4" STORM LATERAL @ 1.0%

INSULATION 2"

D6
STA 64+55, 0.0'
MANHOLES 6-J-S

REMOVE SMALL
PIPE CULVERT
(30" CMP)

CONNECT TO EXISTING 30" RCP
(TO BE INSTALLED BY OTHERS DURING 2021)
VERIFY PIPE SIZE AND ELEVATION

E4
STA 63+67, 36.6' RT
APRON ENDWALLS FOR CPRCHE 24x38-INCH

N

2

775
770
765
760
757

D5

770.70

EXISTING PROFILE ABOVE
STORM SEWER CL (TYP)

D6

770.99

E5

E4

SSPRC CLASS III 30-INCH @ 0.30%

763.61

763.61

SSPRC CLASS III 30-INCH @ 0.30%

SSPRC CLASS
III 30-INCH @
0.30%

762.69

762.69

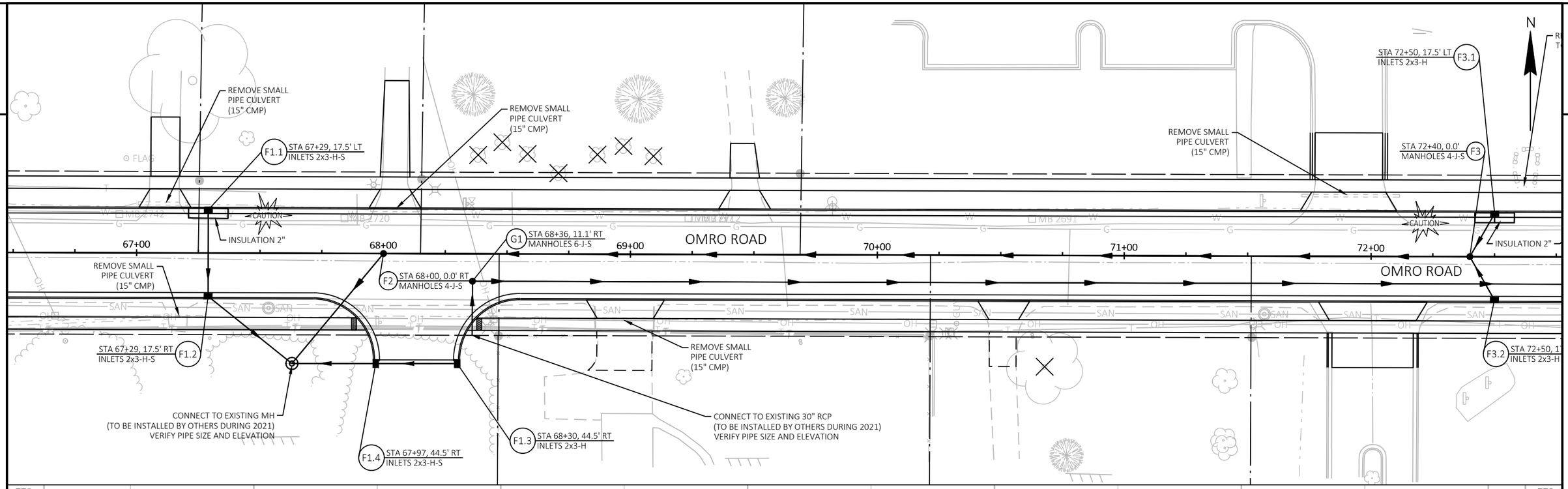
762.59

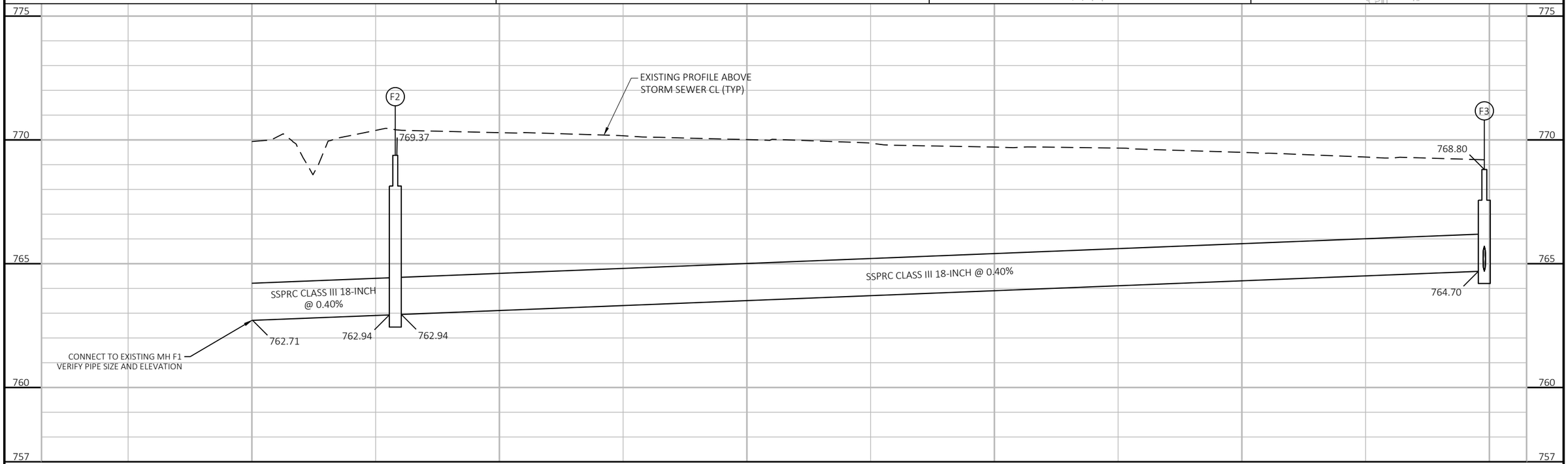
CONNECT TO EXISTING PIPE
VERIFY PIPE SIZE AND ELEVATION

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 57	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 011 02SS

PLOT DATE : 1/15/2021 3:54 PM PLOT BY : JOSH FREWERD PLOT NAME : PLOT SCALE : 1 IN:40 FT





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 58	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 012 02SS

PLOT DATE : 1/15/2021 3:54 PM PLOT BY : JOSH FREWERD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

REMOVE SMALL PIPE CULVERT (15" CMP)

9, 17.5' LT
3-H-S

MB 2720

68+00

G1 STA 68+36, 11.1' RT
MANHOLES 6-J-S

69+00

OMRO ROAD

70+00

71+00

72+00

REMOVE SMALL PIPE CULVERT (15" CMP)

STA 72+50, 17.5' LT
INLETS 2x3-H F3.1

REMOVE EXISTING RIP-RAP AS NEEDED TO CONSTRUCT SIDEWALK

CONNECT TO EXISTING POND OUTLET STRUCTURE (VERIFY INVERT-MATCH EXISTING OUTLET PIPE)

REMOVE 15" STORM SEWER

STA 72+40, 0.0'
MANHOLES 4-J-S F3

REMOVE SMALL PIPE CULVERT (15" CMP)

N

2

MB 2691

CAUTION

INSULATION 2"

MB 2652

73+00

74+00

OMRO ROAD

F2 STA 68+00, 0.0' RT
MANHOLES 4-J-S

REMOVE SMALL PIPE CULVERT (15" CMP)

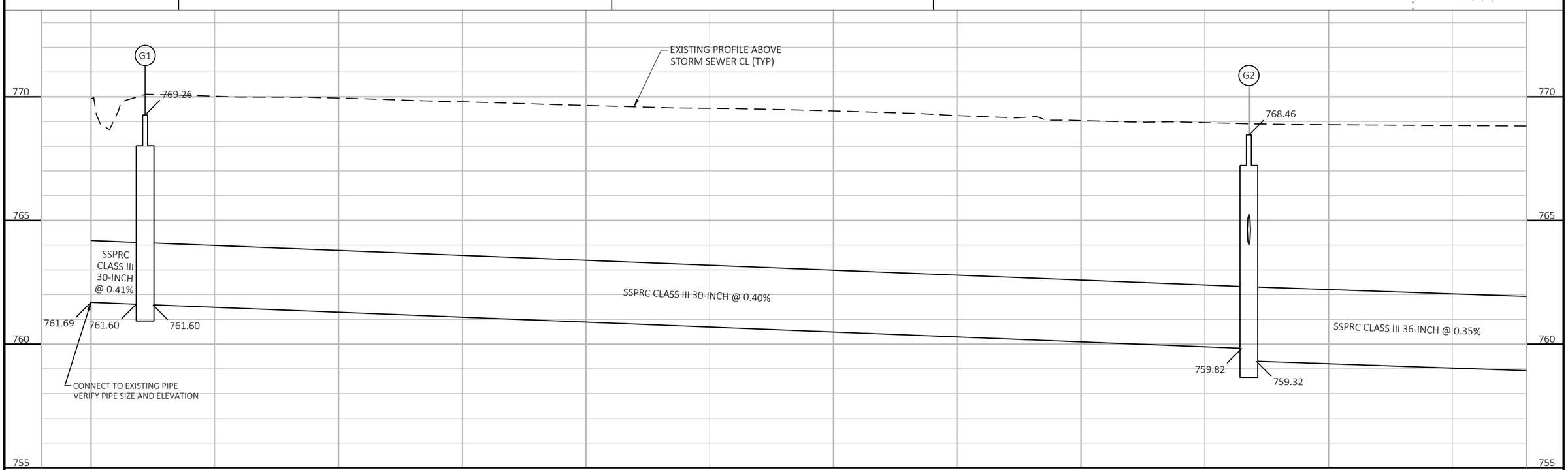
CONNECT TO EXISTING 30" RCP
(TO BE INSTALLED BY OTHERS DURING 2021)
VERIFY PIPE SIZE AND ELEVATION

F1.3 STA 68+30, 44.5' RT
INLETS 2x3-H

F1.4 STA 67+97, 44.5' RT
INLETS 2x3-H-S

F3.2 STA 72+50, 17.5' RT
INLETS 2x3-H

G2 STA 72+82, 11.0' RT
MANHOLES 6-J-S



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 59	E

2

OAKWOOD CIRCLE

4'x8' INSULATION 2" (TYP)

STA 74+72, 45.0' LT
INLETS MEDIAN 1G-MS
G3.2

REMOVE SMALL
PIPE CULVERT
(15" CMP)

CAUTION

STA 74+62, 17.5' LT
INLETS 2x3-H
G3.3

INSULATION 2"

G3 STA 74+61, 0.0'
MANHOLES 6-J-S

STA 74+59, 17.5' RT
INLETS 2x3-H
G3.4

RAN LIE STREET

G3.1 STA 75+28, 45.0' LT
INLETS MEDIAN 1G-MS

REMOVE SMALL
PIPE CULVERT
(15" CMP)

74+00 75+00 76+00 77+00

G4.1 STA 77+00, 40.0' LT
INLETS 3-C

INSULATION 2"

G4 STA 77+00, 0.0'
MANHOLES 5-J-S

OMRO ROAD

STA 78+32, 39.3' LT
INLETS 2x3-H-S
G5.1

STA 78+10, 17.5' LT
INLETS 2x3-H
G5.2

CLEANOUT

4" STORM LATERAL
(CONNECT)

CAUTION

INSULATION 2"

G5 STA 78+10, 0.0'
MANHOLES 6-J-S

78+00

REMOVE SMALL
PIPE CULVERT
(15" CMP)

STA 78+10, 17.5' RT
INLETS 2x3-H
G5.3

SHEBOYGAN STREET

N

STA 79+60, 40.0' LT
INLETS 3-C
G6.1

REMOVE SMALL
PIPE CULVERT
(18" CMP)

WELL

79+00

INSULATION 2"

STA 79+60, 0.0'
MANHOLES 6-J-S
G6

80+00

2

770
765
760
755
754

G3
767.88
758.69
758.69

EXISTING PROFILE ABOVE
STORM SEWER CL (TYP)

G4
766.14
757.85
757.85

G5
765.34
757.47
757.47

G6
764.25
756.94
756.94

SSPRC CLASS III 36-INCH @ 0.35%

SSPRC CLASS III 36-INCH @ 0.35%

SSPRC CLASS III 36-INCH @ 0.35%

SSPRC CLASS III 36-INCH @ 0.35%

SSPRC CLASS III 36-INCH @ 0.35%

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 60	E

2

STA 81+20, 94.4' LT
APRON ENDWALLS FOR CPRC 15-INCH
G7.2

REMOVE SMALL
PIPE CULVERT
(18" CMP)
INSULATION 2"

STA 81+22, 39.3' LT
INLETS 2x3-H-S
G7.3

REMOVE SMALL
PIPE CULVERT
(18" CMP)

STA 81+00, 17.5' LT
INLETS 2x3-H-S
G7.1

SHERRIN STREET

CAUTION

G7.4 STA 81+49, 83.9' LT
APRON ENDWALLS FOR CPRC 12-INCH

G7.5 STA 81+35, 39.3' LT
MANHOLES 4-J-S

INSULATION 2"

REMOVE SMALL
PIPE CULVERT
(24" CMP)

80+00 81+00 82+00 83+00 84+00 85+00 86+00

G8 STA 82+10, 0.0'
MANHOLES 7-J-S

STA 81+35, 17.5' RT
INLETS 2x3-H
G7.6

G7 STA 81+35, 0.0'
MANHOLES 6-J-S

OMRO ROAD

G8.1 STA 82+07, 34.2' RT
MANHOLES 6-C

REMOVE 36" STORM SEWER

REMOVE 17' EXIST
PIPE

CONNECT TO EXISTING CULVERT PIPE
VERIFY PIPE SIZE AND ELEVATION
CONCRETE COLLAR REQUIRED

REMOVE 42" STORM SEWER

INSULATION 2"

STA 83+90, 17.5' LT
INLETS 2x3-H
G9.1

CONRAD STREET

CAUTION

REMOVE 24" STORM SEWER

STA 83+90, 17.5' RT
INLETS 2x3-H
G9.2

G9 STA 83+90, 0.0'
MANHOLES 6-J-S

REMOVE STORM MANHOLE

REMOVE 12" STORM &
STORM INLET

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE 42" STORM SEWER

REMOVE SMALL
PIPE CULVERT
(15" CMP)

N

2

765
760
755
750

G7
763.02
756.32
756.32

G8
762.55
756.06
755.56

EXISTING PROFILE ABOVE
STORM SEWER CL (TYP)

G9
761.44
754.93
754.93

SSPRC CLASS III 36-INCH @ 0.35%

SSPRC CLASS IV 36-INCH @
0.35%

SSPRC CLASS IV 42-INCH @ 0.35%

SSPRC CLASS IV 42-INCH @ 0.35%

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 61	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 016 02SS

PLOT DATE : 1/15/2021 3:55 PM PLOT BY : JOSH FREWERD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

G10.1 STA 86+53, 17.5' LT INLETS 2x3-H-S

G10.2 STA 86+63, 17.5' LT INLETS 2x3-H-S

KEWAUNEE STREET

G11.1 STA 87+55, 17.5' LT INLETS 2x3-H-S

CONNECT TO EXISTING 48" RCP VERIFY PIPE SIZE AND ELEVATION

PI 90+55.44

N

WELL

CAUTION

STA 86+63, 0.0' LT MANHOLES 7-J-S G10

OMRO ROAD

86+00 87+00 88+00 89+00 90+00 91+00 92+00

STA 86+53, 17.5' RT INLETS 2x3-H-S G10.3

G10.5 STA 86+63, 17.5' RT INLETS 2x3-H-S

G14 STA 90+41, 0.0' MANHOLES 8-J-S

REMOVE STORM INLET

REMOVE 48" STORM SEWER

REMOVE SMALL PIPE CULVERT (15" CMP)

REMOVE 48" STORM SEWER & STORM MANHOLE

REMOVE SMALL PIPE CULVERT (15" CMP)

REMOVE 12" STORM, STORM INLET & STORM MANHOLE

WESTHAVEN DRIVE

REMOVE SMALL PIPE CULVERT (15" CMP)

G11 STA 87+55, 0.0' LT MANHOLES 7-J-S

G11.2 STA 87+55, 17.5' RT INLETS 2x3-H-S

STA 86+73, 42.3' RT INLETS MEDIAN 1G-MS G10.4

765

760

755

750

EXISTING PROFILE ABOVE STORM SEWER CL (TYP)

G10 759.92

G11 760.32

G14 762.09

SSPRC CLASS IV 48-INCH @ 0.25%

SSPRC CLASS IV 48-INCH @ 0.25%

SSPRC CLASS III 24-INCH @ 0.30%

753.97 753.47

753.24 753.24

752.52 753.00

SSPRC CLASS IV 42-INCH @ 0.35%

CONNECT TO EXISTING PIPE VERIFY PIPE SIZE AND ELEVATION

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 62	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 017 02SS

PLOT DATE : 1/15/2021 4:15 PM PLOT BY : JOSH FREWERD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

CONNECT TO EXISTING 48" RCP
VERIFY PIPE SIZE AND ELEVATION

PIPE 90+55, 44.1' LT

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE SMALL
PIPE CULVERT
(15" CMP)

STA 93+55, 38.1' LT
INLETS 2x3-H-S
G12.1

WILLOW SPRINGS
ROAD

REMOVE SMALL
PIPE CULVERT
(15" CMP)

N

CAUTION

WELL

FLAG

89+00 90+00 91+00 92+00 OMRO ROAD 93+00 94+00 95+00

G12.2 STA 93+33, 17.5' LT
INLETS 2x3-H

G14 STA 90+41, 0.0'
MANHOLES 8-J-S

REMOVE STORM INLET

G13 STA 92+31, 0.0'
MANHOLES 4-J-S

G12 STA 93+25, 0.0'
MANHOLES 4-J-S

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE 48" STORM SEWER
& STORM MANHOLE

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE SMALL
PIPE CULVERT
(15" CMP)

G13.1 STA 92+31, 40.0' RT
INLETS 3-C

STA 93+50, 17.5' RT
INLETS 2x3-H
G12.4

G12.3 STA 93+74, 38.0' RT
INLETS MEDIAN 1G-MS

CAUTION

765
760
755
750

G14
762.09
EXISTING PROFILE ABOVE
STORM SEWER CL (TYP)
G13
760.26
G12
758.69

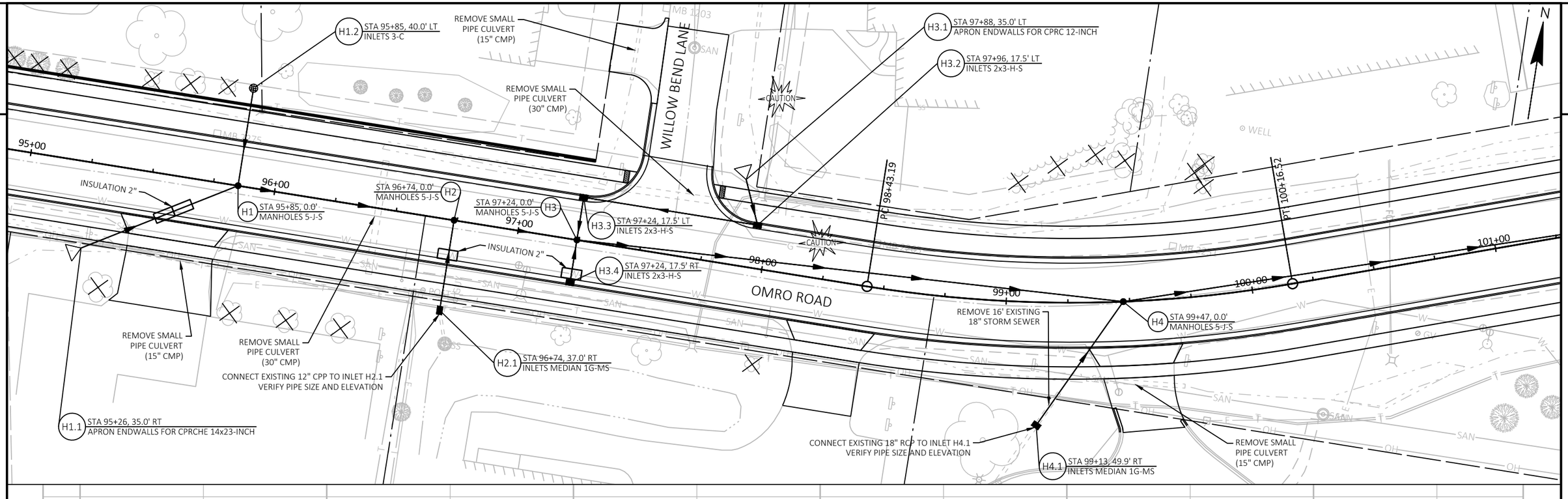
SSPRC CLASS IV 48-INCH @ 0.25%
SSPRC CLASS III 24-INCH @ 0.30%
SSPRC CLASS IV 24-INCH @ 0.30%

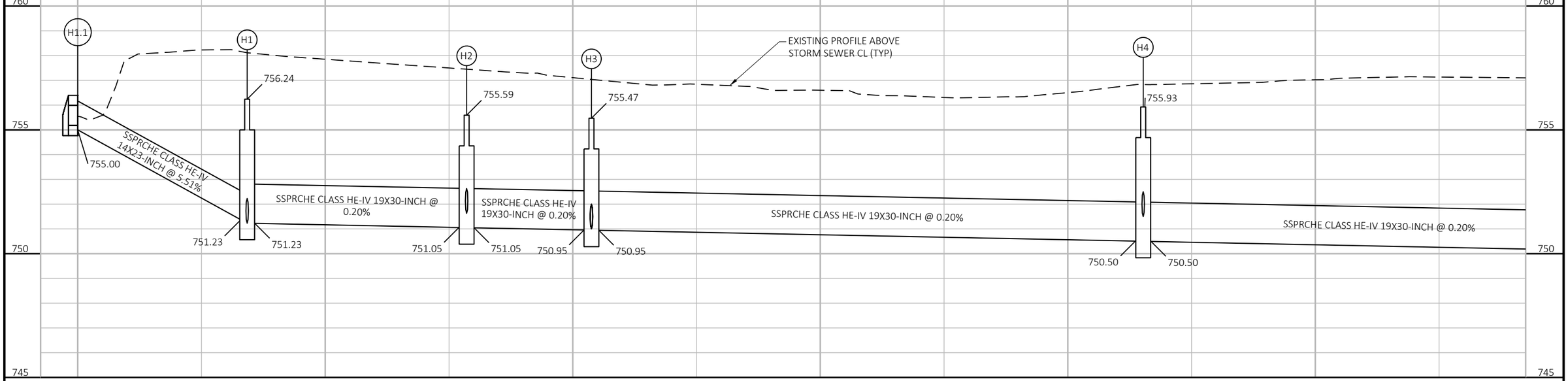
753.57 753.57 753.85
753.00
752.52

CONNECT TO EXISTING PIPE
VERIFY PIPE SIZE AND ELEVATION

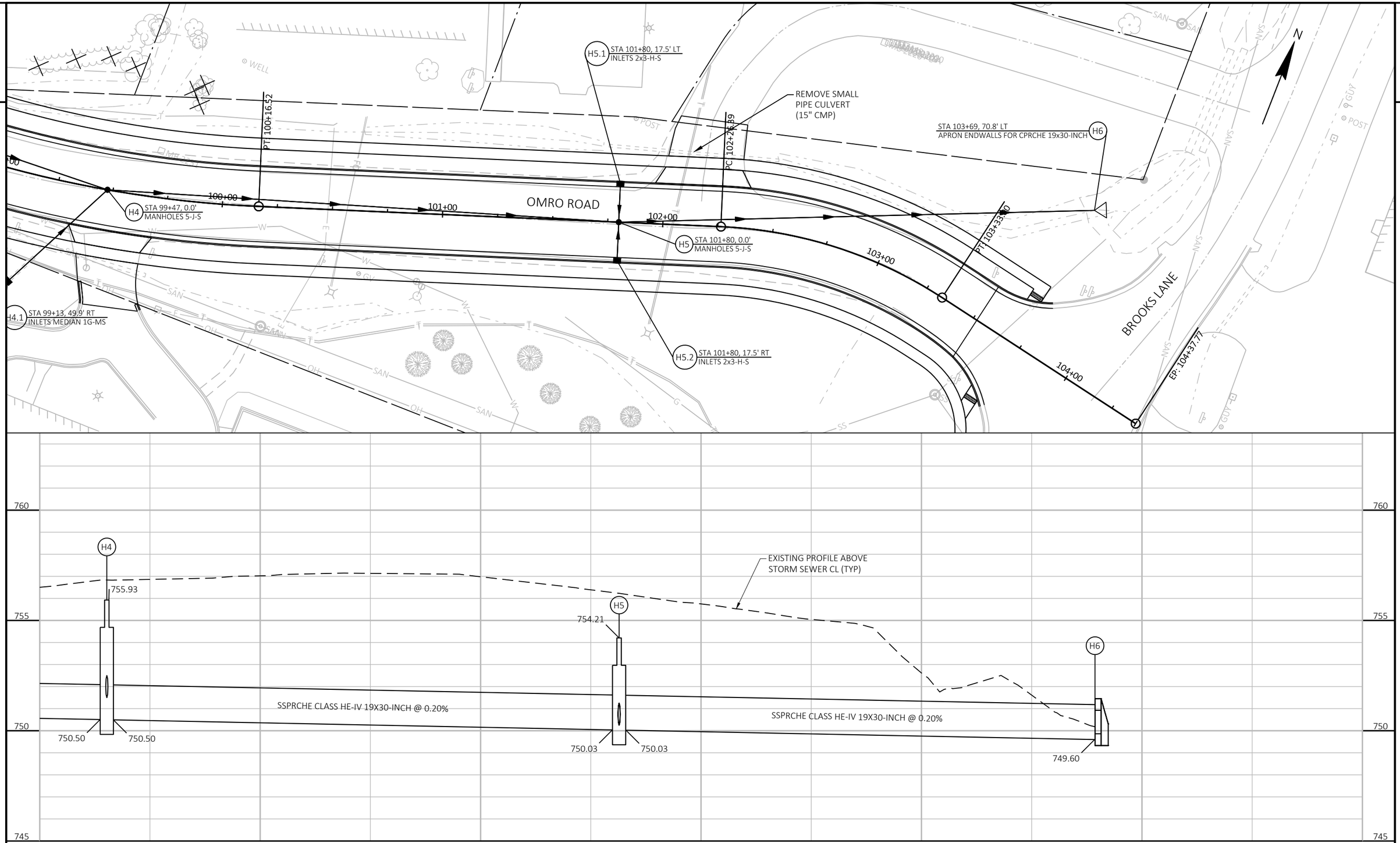
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 63	E

2





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 64	E



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 65	E

2

LEONARD POINT ROAD

CAUTION

A1.1 STA 10+22, 65.0' LT
INLETS MEDIAN 1G-MS

A1.2 STA 10+60, 17.5' LT
INLETS 2x3-H

PC 10+67.91

A1 STA 10+75, 0.0'
MANHOLES 4-J-S

A1.3 STA 10+65, 17.5' RT
INLETS 2x3-H

10+00

11+00

12+00

PT 12+14.52

PC 12+48.35

13+00

STA 13+50, 17.5' LT
INLETS 2x3-H A2.1

PT 13+94.96

STA 13+50, 17.5' RT
INLETS 2x3-H A2.2

A2 STA 13+50, 0.0'
MANHOLES 4-J-S

14+00

15+00

16+00

OMRO ROAD

REMOVE UNDERDRAIN DRAINAGE
SYSTEM (~STA 14+00 - 24+00)

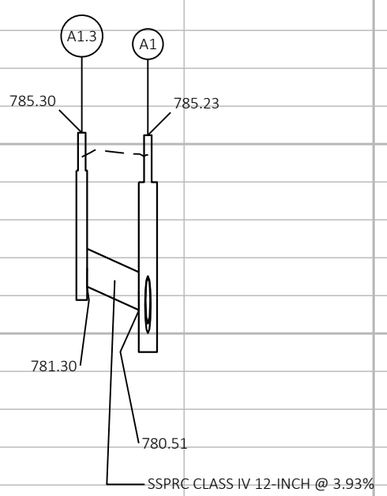
REMOVE 17'
EXISTING
CULVERT PIPE

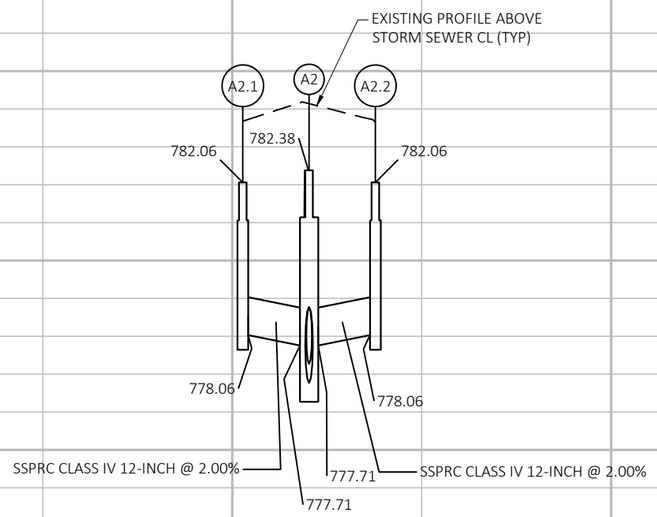
CAUTION

REMOVE SMALL
PIPE CULVERT
(12X18" CMP)

N

2





790 785 780 775 772

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 66	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 21 02SSLAT-01

PLOT DATE : 1/15/2021 3:56 PM PLOT BY : JOSH FREWERD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 41

REMOVE 17' EXISTING CULVERT PIPE

A3.1 STA 16+39, 37.0' LT
INLETS MEDIAN 1G-MS

CLEANOUT

6" STORM LATERAL (CONNECT)

REMOVE SMALL PIPE CULVERT (15" CMP)

A4.1 STA 17+50, 38.0' LT
INLETS 3-C

REMOVE SMALL PIPE CULVERT (15"X18" CMP)

A5.1 STA 18+50, 38.0' LT
INLETS 3-C

REMOVE SMALL PIPE CULVERT (15"X18" CMP)

CLEANOUT

CLEANOUT

STA 20+50, 38.0' LT
INLETS 3-C

A6.1

REMOVE SMALL PIPE CULVERT (15" CMP)

REMOVE SMALL PIPE CULVERT (16"X13" CMP)

N

WELSH HAVEN DRIVE

2

CAUTION

A3.2 STA 16+60, 17.5' LT
INLETS 2x3-H-S

REMOVE UNDERDRAIN DRAINAGE SYSTEM (~STA 14+00 - 24+00)

OMRO ROAD

4" STORM LATERAL (CONNECT)

4" STORM LATERAL (CONNECT)

STA 20+50, 17.5' LT
INLETS 2x3-H

A6.2

STA 21+54, 17.5' LT
INLETS 2x3-H-S

A8.1

CAUTION

16+00 17+00 18+00 19+00 20+00 21+00 22

A3 STA 16+60, 0.0'
MANHOLES 5-J-S

A4 STA 17+50, 0.0'
MANHOLES 5-J-S

A5 STA 18+50, 0.0'
MANHOLES 4-J-S

STA 20+50, 0.0'
MANHOLES 4-J-S

A6

INSULATION 2"

INSULATION 2"

REMOVE SMALL PIPE CULVERT (12X18" CMP)

A3.3 STA 16+60, 17.5' RT
INLETS 2x3-H-S

REMOVE SMALL PIPE CULVERT (15"X18" CMP)

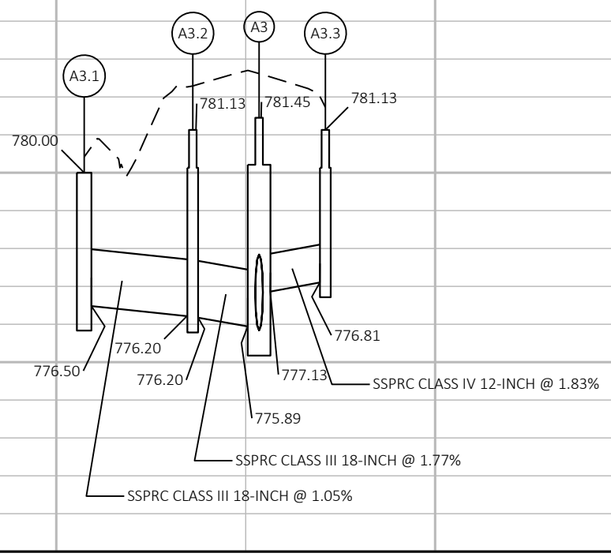
REMOVE SMALL PIPE CULVERT (15"X18" CMP)

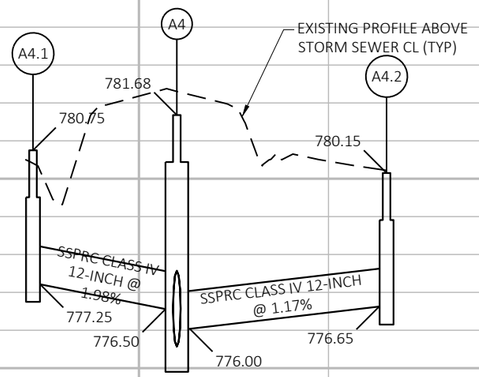
STA 20+50, 17.5' RT
INLETS 2x3-H

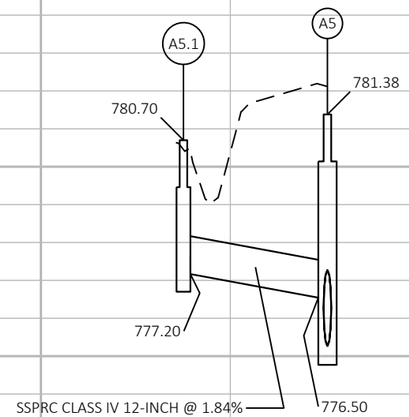
A6.3

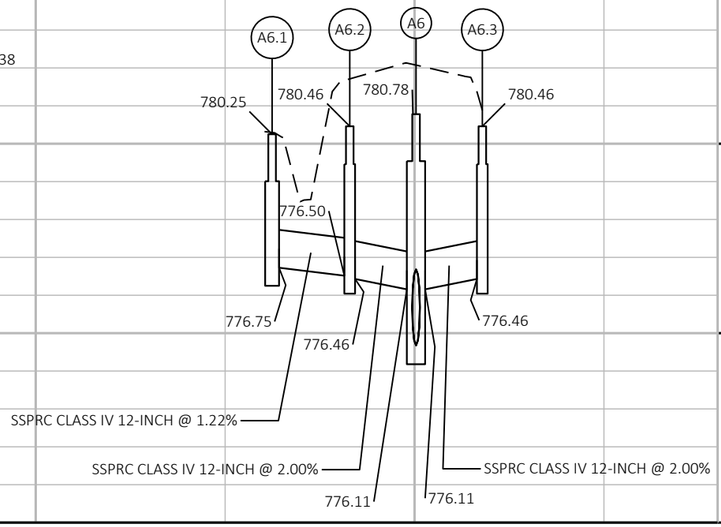
REMOVE SMALL PIPE CULVERT (15" CMP)

A4.2 STA 17+34, 53.0' RT
INLETS 3-C





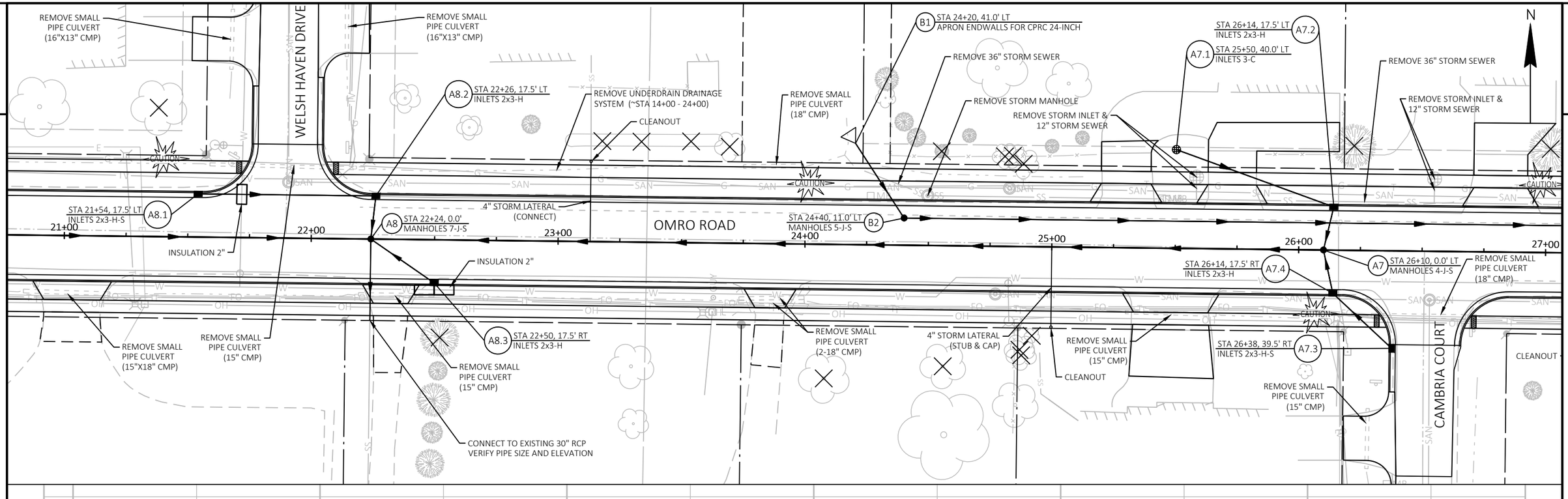


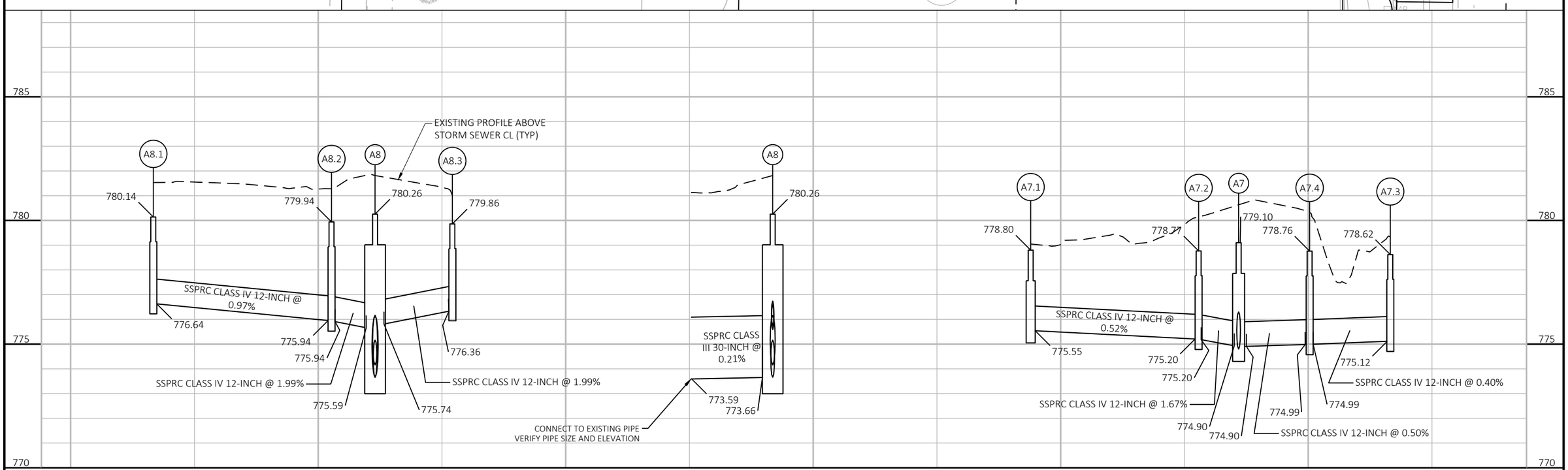


785 780 775 770

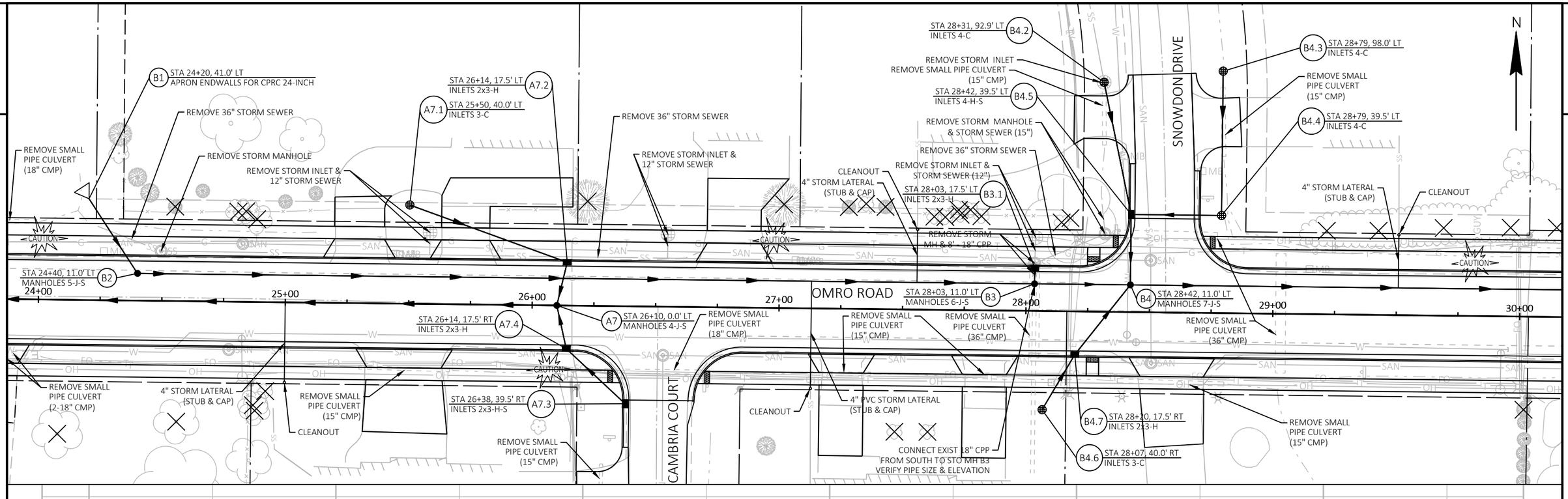
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 67	E

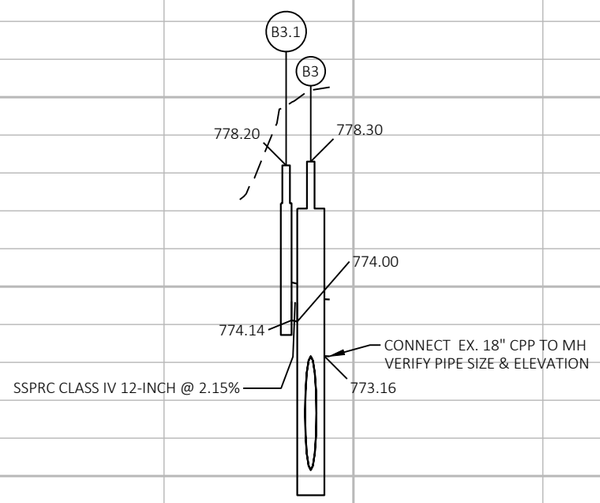
FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 22 02SSLAT-02
PLOT DATE : 1/15/2021 3:56 PM
PLOT BY : JOSH FREWERD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

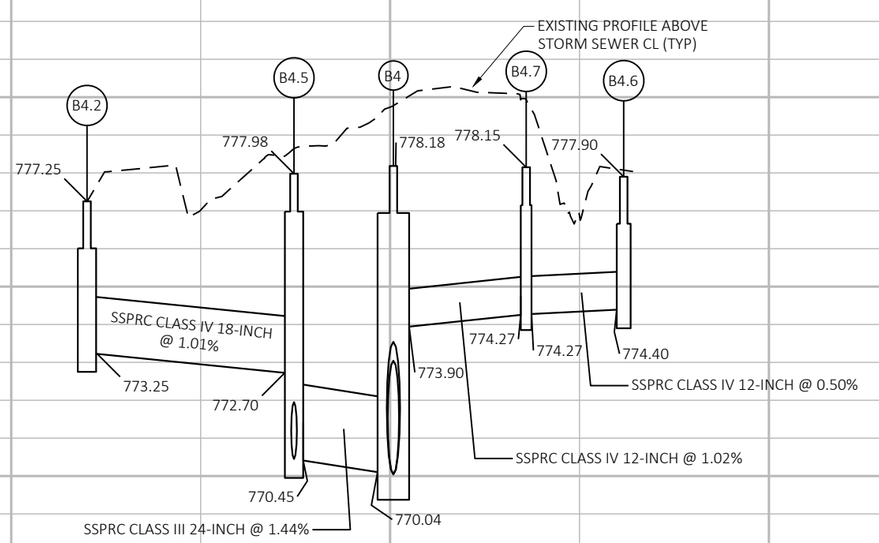


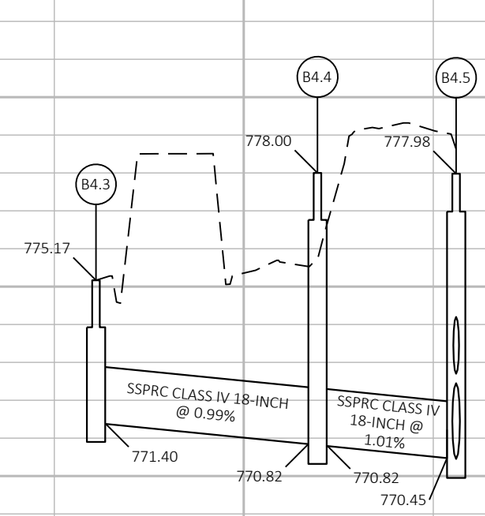


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 68	E









PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 69	E

2

N

STA 31+62, 45.0' LT
INLETS 4-C
B5.3

STA 31+48, 17.5' LT
INLETS 2x3-H-S
B5.1

LAKE BREEZE ROAD

B5.2 STA 32+07, 45.0' LT
INLETS 3-C

REMOVE SMALL
PIPE CULVERT
(15" CMP)

STA 35+89, 11.0' LT
MANHOLES 8-J-S
B6

CLEANOUT

CAUTION

30+00

31+00

32+00

OMRO ROAD

33+00

34+00

35+00

STA 31+55, 11.0' LT
MANHOLES 7-J-S
B5

CORE 42" SSPRC &
CONNECT 12" SSPRC

4" STORM LATERAL
(STUB & CAP)

CLEANOUT

B5.4 STA 31+48, 17.5' RT
INLETS 2x3-H

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE SMALL
PIPE CULVERT
(18" CMP)

STA 35+36, 17.5' RT
INLETS 2x3-H
B6.2

WELL

ELMHURST LANE

EXISTING PROFILE ABOVE
STORM SEWER CL (TYP)

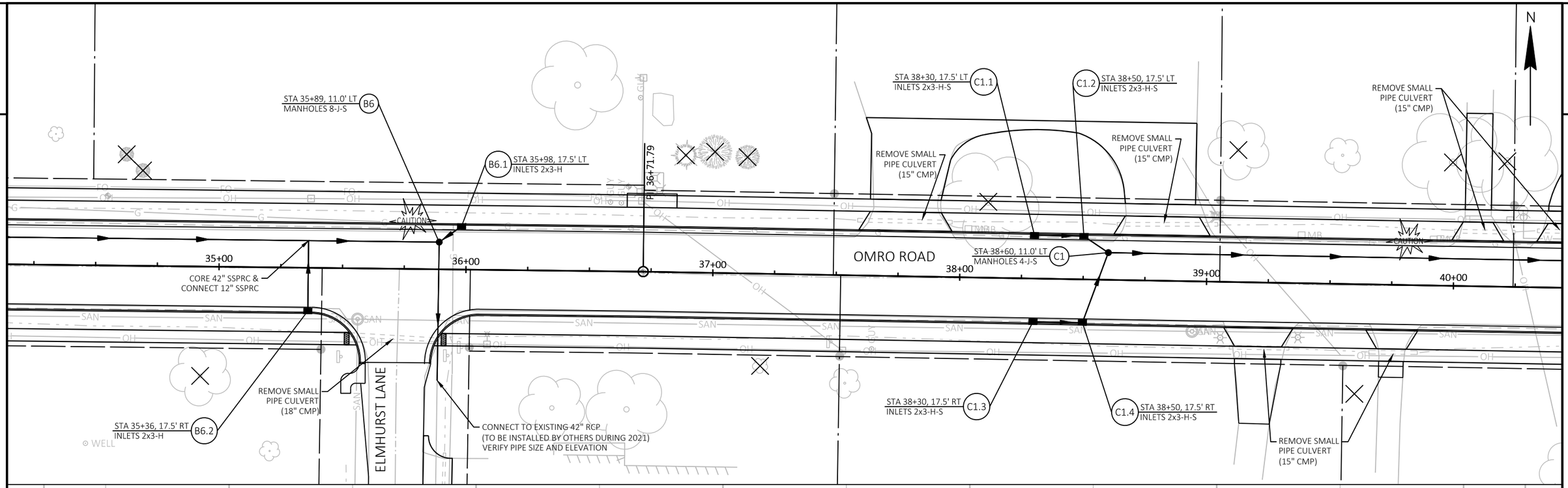
780
775
770
765
764

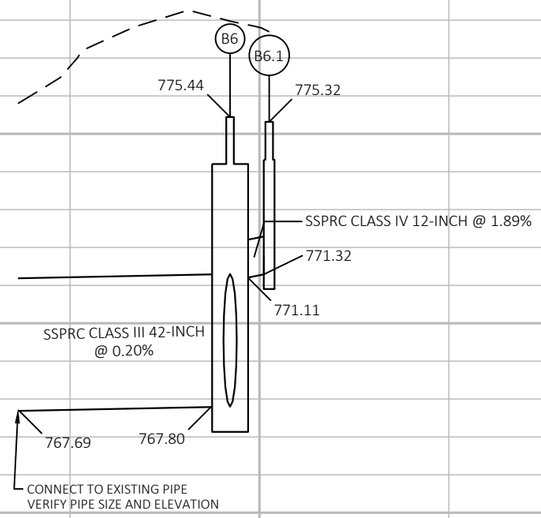
B5.1
B5
776.79
776.86
773.29
773.19
SSPRC CLASS IV 12-INCH @ 1.07%

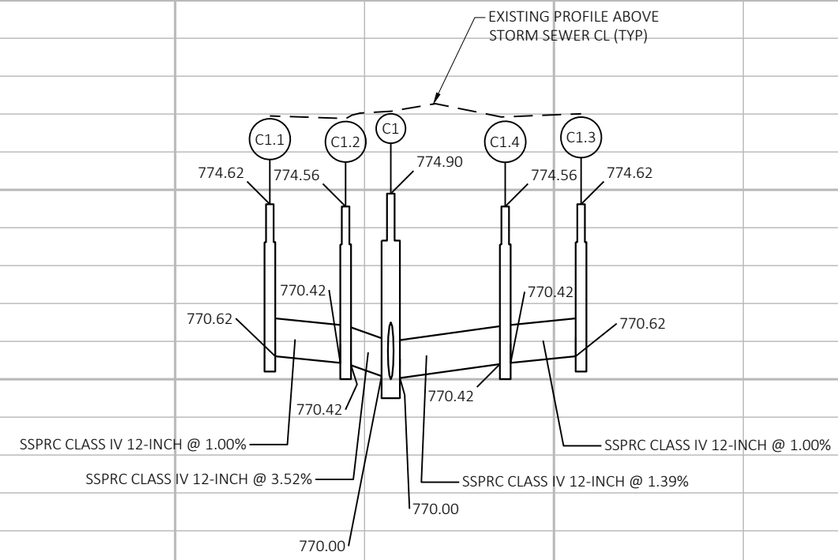
B5.4
B5
B5.3
B5.2
776.79
776.86
775.25
775.00
772.79
772.20
771.00
771.00
771.50
770.75
SSPRC CLASS IV 12-INCH @ 2.02%
SSPRC CLASS III 18-INCH @ 0.72%
SSPRC CLASS IV 15-INCH @ 1.12%

B6.2
775.50
771.50
SSPRC CLASS IV 12-INCH @ 8.11%

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 70	E

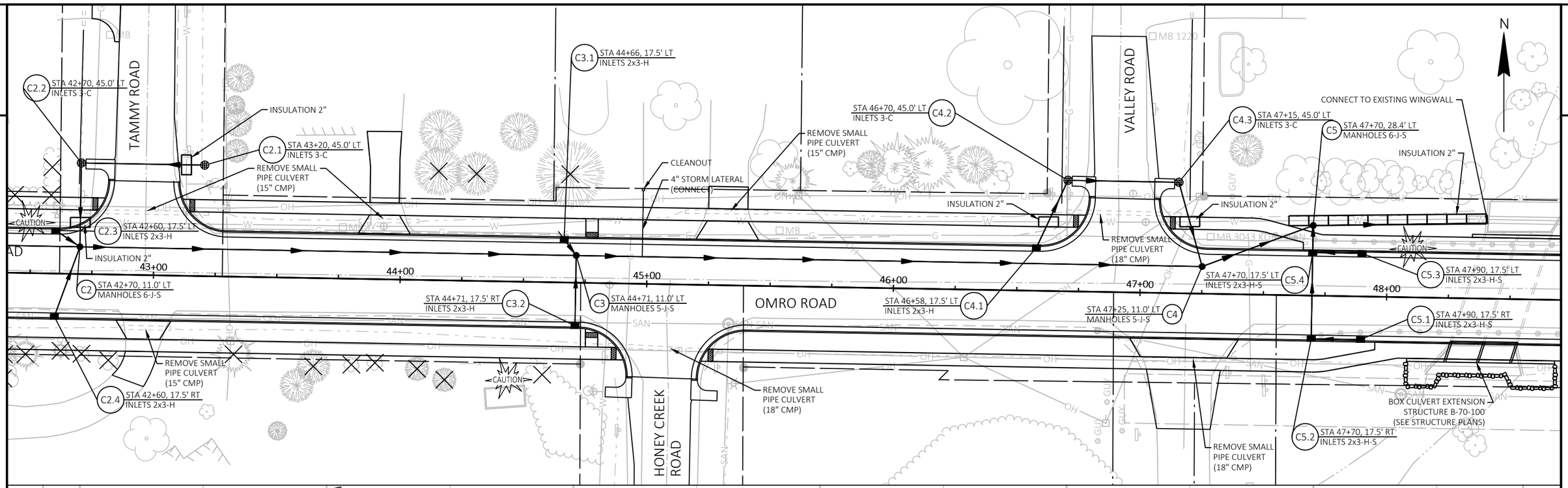


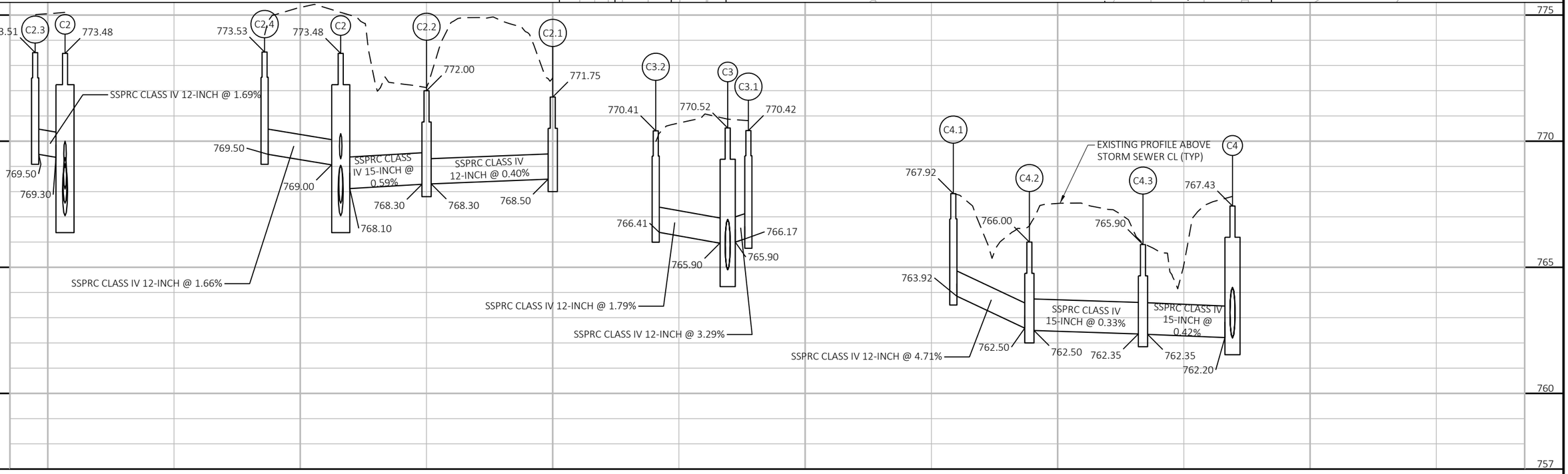




780
775
770
765
764

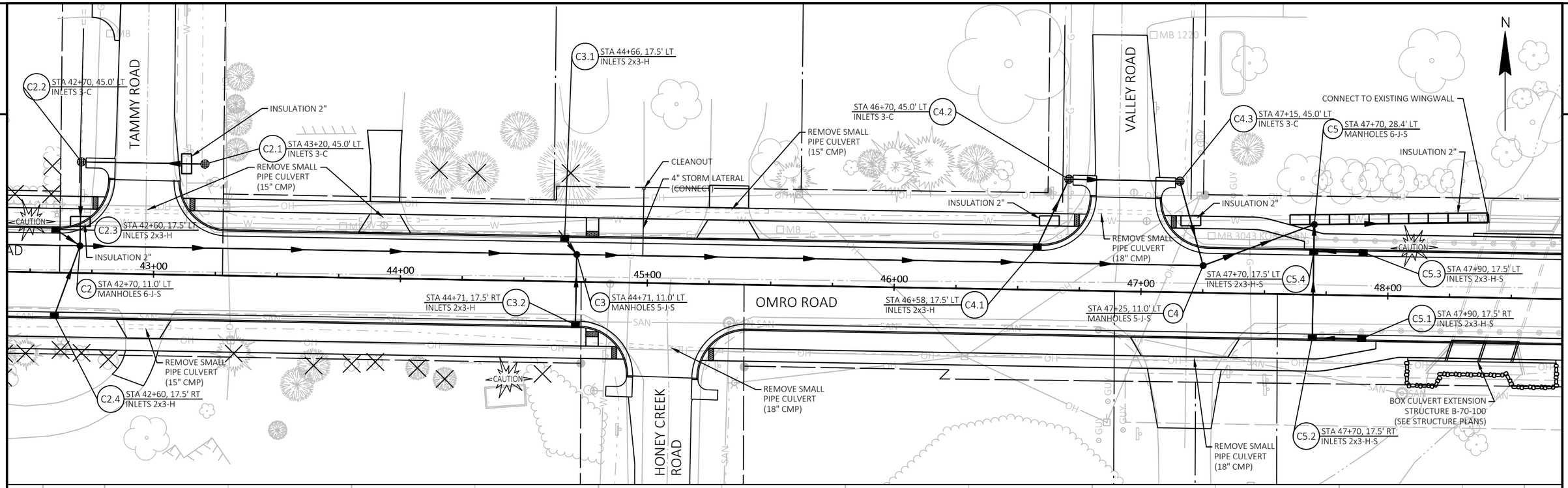
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 71	E

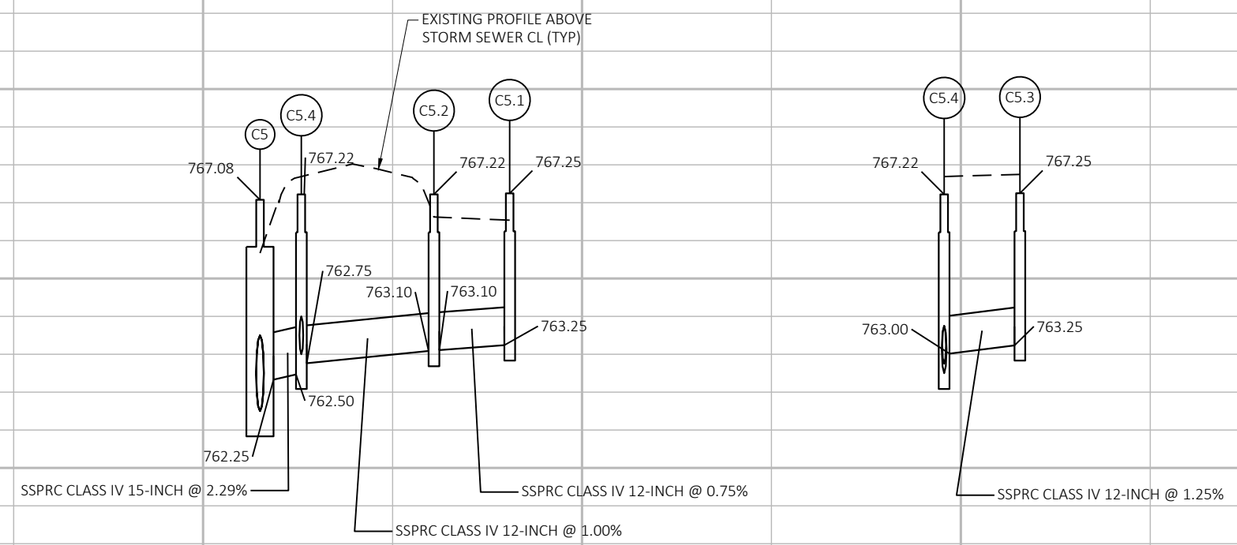




PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 72	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 27 02SSLAT-07
PLOT DATE : 1/15/2021 3:57 PM
PLOT BY : JOSH FREWERD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41





775 770 765 760 757

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 73	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 28 02SSLAT-07B
PLOT DATE : 1/15/2021 3:58 PM
PLOT BY : JOSH FREWERD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

2

N

REMOVE SMALL PIPE CULVERT (15" CMP)

D2.1 STA 55+25, 40.0' LT INLETS 3-C

REMOVE SMALL PIPE CULVERT (15" CMP)

D3.1 STA 56+60, 45.0' LT INLETS 3-C

REMOVE SMALL PIPE CULVERT (15" CMP)

D4.3 STA 59+09, 17.5' LT INLETS 2x3-H-S

D4.1 STA 58+99, 17.5' LT INLETS 2x3-H-S

REMOVE SMALL PIPE CULVERT (15" CMP)

D4.2 STA 59+69, 25.5' LT INLETS 2x3-H-S

D1 STA 54+15, 0.0' MANHOLES 4-J-S

D2.2 STA 55+25, 17.5' LT INLETS 2x3-H

54+00 55+00 56+00 57+00 58+00 59+00 60+00

CONNECT 4" STORM LATERAL TO 15" SSPRC 4" INV= 766.99

D2 STA 55+25, 0.0' MANHOLES 4-J-S

D3 STA 56+60, 0.0' MANHOLES 4-J-S

OMRO ROAD

D4.4 STA 58+99, 17.5' RT INLETS 2x3-H-S

D4 STA 59+09, 0.0' MANHOLES 5-J-S

CAUTION

REMOVE SMALL PIPE CULVERT (15" CMP)

D2.3 STA 55+25, 17.5' RT INLETS 2x3-H

REMOVE SMALL PIPE CULVERT (15" CMP)

4" STORM LATERAL (STUB & CAP)

CAUTION

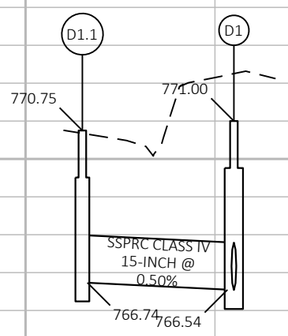
REMOVE SMALL PIPE CULVERT (15" CMP)

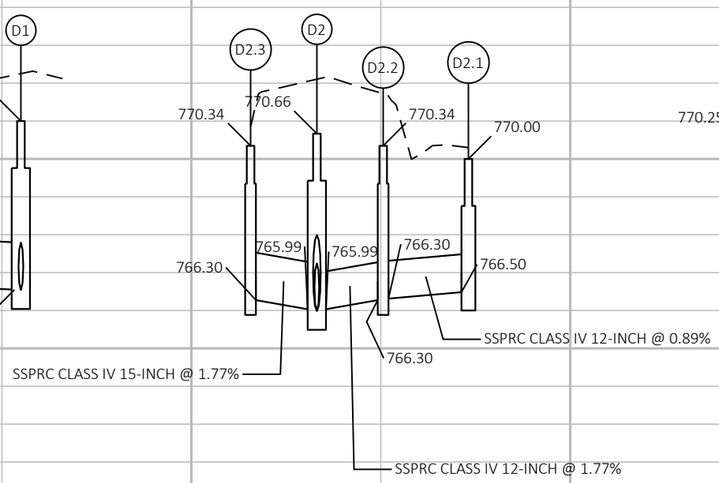
D1.1 STA 54+15, 40.0' RT INLETS 3-C

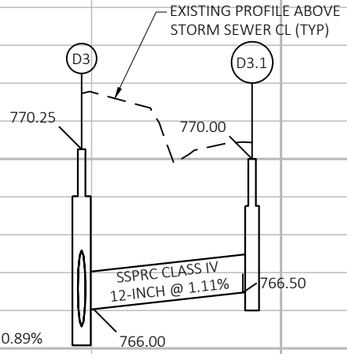
REMOVE SMALL PIPE CULVERT (15" CMP)

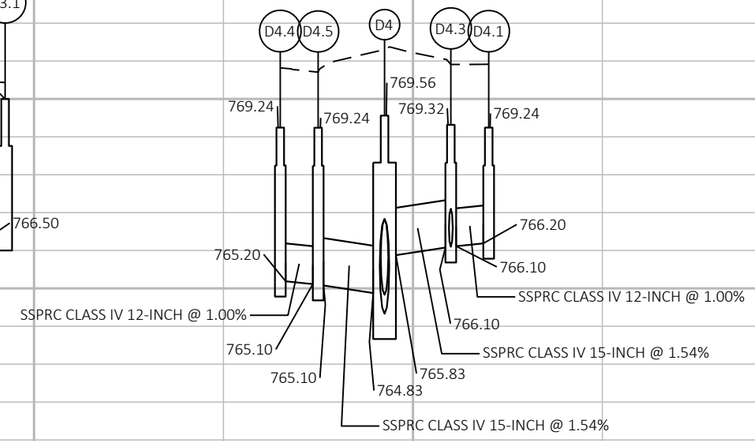
D4.5 STA 59+09, 17.5' RT INLETS 2x3-H-S

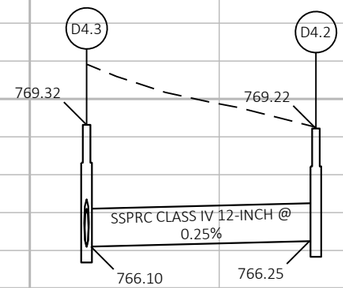
REMOVE SMALL PIPE CULVERT (15" CMP)











775 770 765 760 758

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 74	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 29 02SSLAT-08

PLOT DATE : 1/15/2021 3:58 PM PLOT BY : JOSH FREWERD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

STA 63+09, 119.4' LT
INLETS 3-Z
E2.1

STA 63+23, 119.2' LT
MANHOLES 6-J-S
E2

RE-DITCH 73' @ 1.0%

E5 STA 63+67, 37.4' LT
APRON ENDWALLS FOR CPRCHE 24x38-INCH

REMOVE SMALL
PIPE CULVERT
(15" CMP)

4" STORM LATERAL
(STUB & CAP)

D6.1 STA 64+55, 40.0' LT
INLETS 3-C

CONNECT 4" STORM
LATERAL TO 12" SSPRC
4" INV= 766.12

REMOVE SMALL
PIPE CULVERT
(15" CMP)

4" STORM LATERAL
(STUB & CAP)

4" CLEANOUT

STA 61+25, 49.0' LT
INLETS 3-C
D5.1

INSULATION 2"

OAKWOOD ROAD

PI: 63+44.00

INSULATION 2"

OMRO ROAD

REMOVE SMALL
PIPE CULVERT
(30" CMP)

CAUTION

4" STORM LATERAL @ 1.0%

60+00 61+00 62+00 63+00 64+00 65+00 66+00

STA 61+50, 0.0'
MANHOLES 5-J-S
D5

STA 63+22, 36.8' RT
APRON ENDWALLS FOR CPRCHE 24x38-INCH
E1

REMOVE SMALL
PIPE CULVERT
(30" CMP)

INSULATION 2"

D6 STA 64+55, 0.0'
MANHOLES 6-J-S

CAUTION

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE SMALL
PIPE CULVERT
(15" CMP)

D5.2 STA 61+62, 40.0' RT
INLETS 3-C

CAUTION

CAUTION

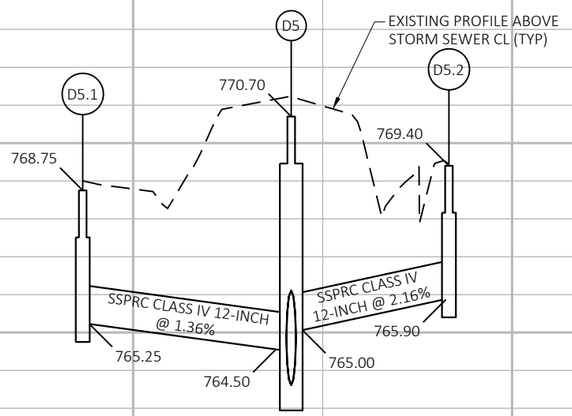
OAKWOOD ROAD

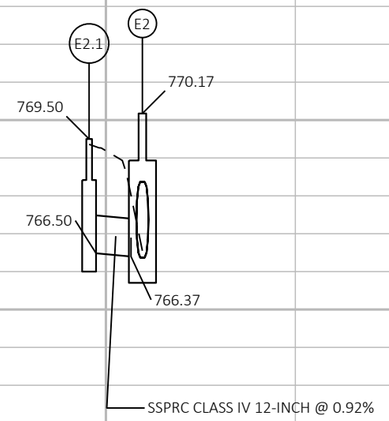
CONNECT TO EXISTING 30" RCP
(TO BE INSTALLED BY OTHERS DURING 2021)
VERIFY PIPE SIZE AND ELEVATION

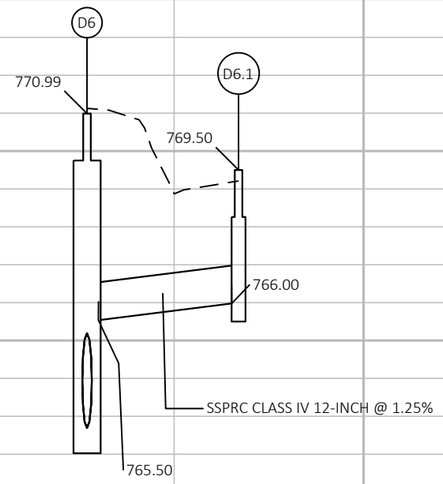
E4 STA 63+67, 36.6' RT
APRON ENDWALLS FOR CPRCHE 24x38-INCH

N

775 770 765 760 757







PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 75	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 30 02SSLAT-09

PLOT DATE : 1/15/2021 3:58 PM PLOT BY : JOSH FREWERD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

E1 STA 63+22, 36.8' R
APRON ENDWALLS FOR CPRCHE 24x38-INCH

E2.1 STA 63+09, 119.4' L
INLETS 3-Z

E2 STA 63+23, 119.2' L
MANHOLES 6-J-S

E3 STA 63+24, 161.3' L
APRON ENDWALLS FOR CPRCHE 24x38-INCH

E4 STA 63+67, 36.6' R
APRON ENDWALLS FOR CPRCHE 24x38-INCH

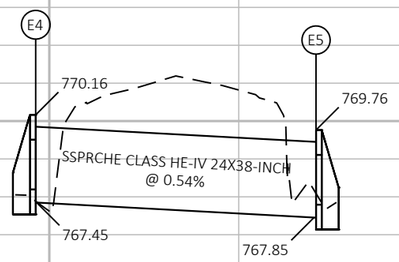
E5 STA 63+67, 37.4' L
APRON ENDWALLS FOR CPRCHE 24x38-INCH

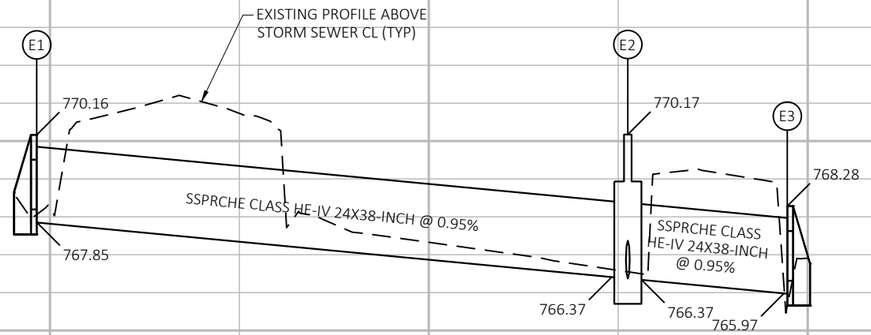
REMOVE SMALL PIPE CULVERT (30" CMP)

BP: 278+16.34
PI: 279+16.34
PI: 279+57.28
PI: 280+00.00
EP: 282+00.00
PI: 63+44.00

279+00
280+00
281+00

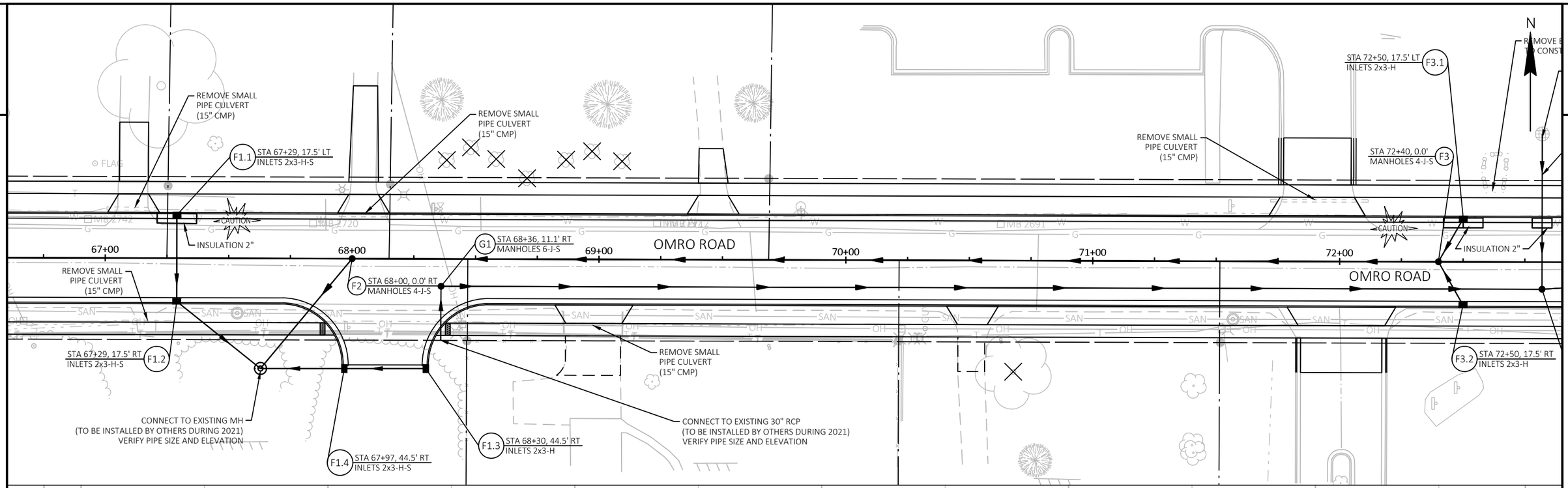
OAKWOOD ROAD
OAKWOOD ROAD
OMRO ROAD
644+00

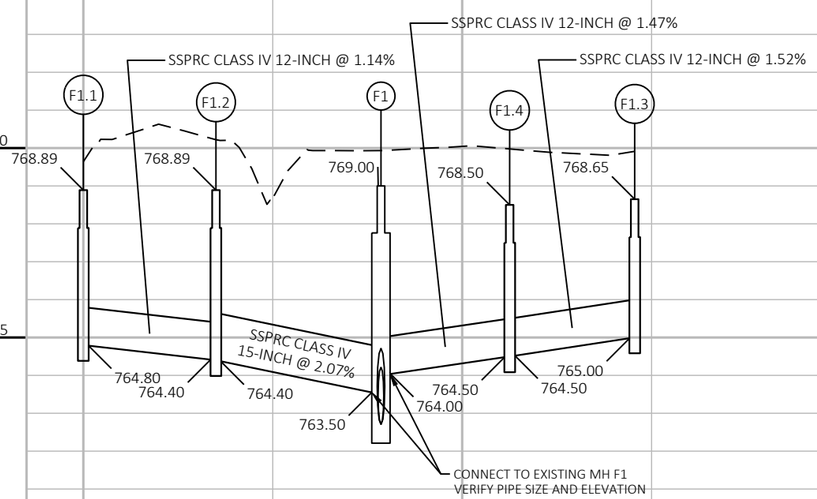


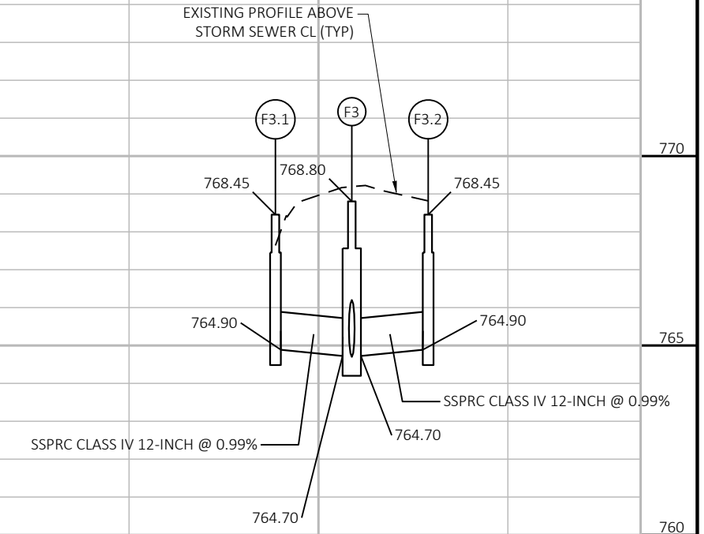


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER OAKWOOD ROAD	SHEET 76	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS-OAKWOOD RD.DWG
LAYOUT NAME - 31 02SS-Oakwood Rd.
PLOT DATE : 1/15/2021 3:58 PM PLOT BY : JOSH FREWERD PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41







PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 77	E

2

N

REMOVE SMALL PIPE CULVERT (15" CMP)

REMOVE SMALL PIPE CULVERT (15" CMP)

STA 72+50, 17.5' LT
INLETS 2x3-H
F3.1

REMOVE EXISTING RIP-RAP AS NEEDED TO CONSTRUCT SIDEWALK

CONNECT TO EXISTING POND OUTLET STRUCTURE (VERIFY INVERT MATCH EXISTING OUTLET PIPE)

REMOVE 15" STORM SEWER

STA 72+40, 0.0'
MANHOLES 4-J-S
F3

REMOVE SMALL PIPE CULVERT (15" CMP)

CAUTION

INSULATION 2"

OMRO ROAD

OMRO ROAD

68+00 69+00 70+00 71+00 72+00 73+00 74+00

G1 STA 68+36, 11.1' RT
MANHOLES 6-J-S

F2 STA 68+00, 0.0' RT
MANHOLES 4-J-S

REMOVE SMALL PIPE CULVERT (15" CMP)

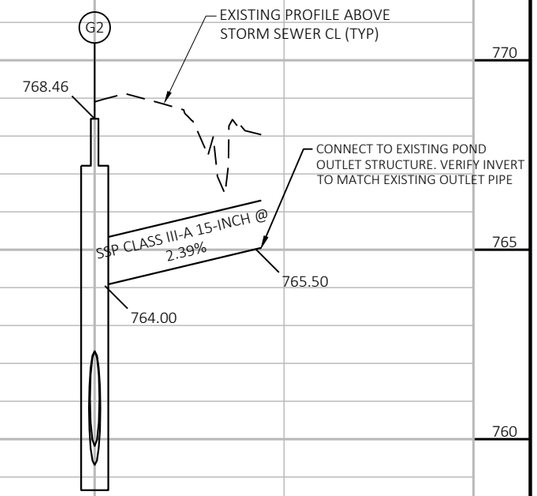
CONNECT TO EXISTING 30" RCP
(TO BE INSTALLED BY OTHERS DURING 2021)
VERIFY PIPE SIZE AND ELEVATION

F1.3 STA 68+30, 44.5' RT
INLETS 2x3-H

F1.4 STA 67+97, 44.5' RT
INLETS 2x3-H-S

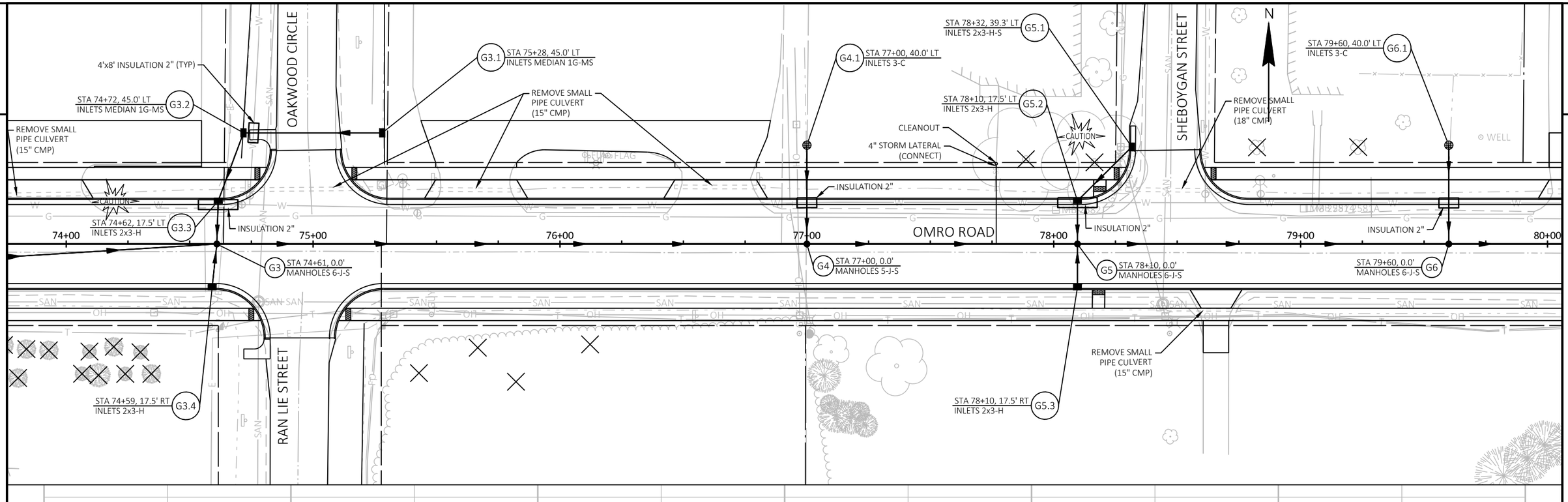
F3.2 STA 72+50, 17.5' RT
INLETS 2x3-H

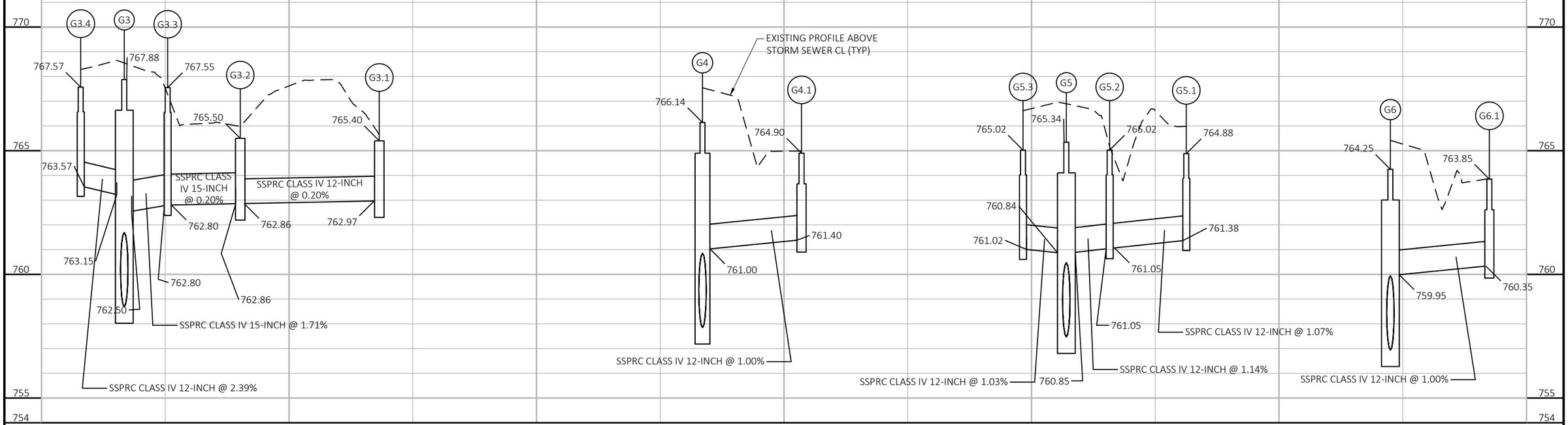
G2 STA 72+82, 11.0' RT
MANHOLES 6-J-S



770 765 760 755

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 78	E





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 79	E

2

N

SHERRIN STREET

CONRAD STREET

OMRO ROAD

STA 81+20, 94.4' LT
APRON ENDWALLS FOR CPRC 15-INCH
G7.2

REMOVE SMALL
PIPE CULVERT
(18" CMP)
INSULATION 2"

STA 81+22, 39.3' LT
INLETS 2x3-H-S
G7.3

REMOVE SMALL
PIPE CULVERT
(18" CMP)

STA 81+00, 17.5' LT
INLETS 2x3-H-S
G7.1

CAUTION

STA 81+49, 83.9' LT
APRON ENDWALLS FOR CPRC 12-INCH
G7.4

STA 81+35, 39.3' LT
MANHOLES 4-J-S
G7.5

INSULATION 2"

REMOVE SMALL
PIPE CULVERT
(24" CMP)

STA 81+35, 17.5' RT
INLETS 2x3-H
G7.6

STA 81+35, 0.0'
MANHOLES 6-J-S
G7

STA 82+10, 0.0'
MANHOLES 7-J-S
G8

STA 82+07, 34.2' RT
MANHOLES 6-C
G8.1

REMOVE 36" STORM SEWER

REMOVE 17' EXIST
PIPE

CONNECT TO EXISTING CULVERT PIPE
VERIFY PIPE SIZE AND ELEVATION
CONCRETE COLLAR REQUIRED

REMOVE 42" STORM SEWER

INSULATION 2"

STA 83+90, 17.5' LT
INLETS 2x3-H
G9.1

CAUTION

REMOVE 24" STORM SEWER

STA 83+90, 17.5' RT
INLETS 2x3-H
G9.2

STA 83+90, 0.0'
MANHOLES 6-J-S
G9

REMOVE STORM MANHOLE

REMOVE 12" STORM &
STORM INLET

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE 42" STORM SEWER

REMOVE SMALL
PIPE CULVERT
(15" CMP)

80+00 81+00 82+00 83+00 84+00 85+00 86+00

765
760
755
750

SSPRC CLASS IV 15-INCH @ 1.48%
G7.6 G7 G7.5 G7.3
763.02
762.70
762.64
761.66
758.32
758.60
760.50
758.60
758.40
758.60
757.50
758.40
SSPRC CLASS IV 15-INCH @ 2.29%
SSPRC CLASS IV 15-INCH @ 3.45%
SSPRC CLASS IV 12-INCH @ 1.60%

G7.1 G7.3
762.91
762.64
759.00
758.60
SSPRC CLASS IV 12-INCH @ 1.29%

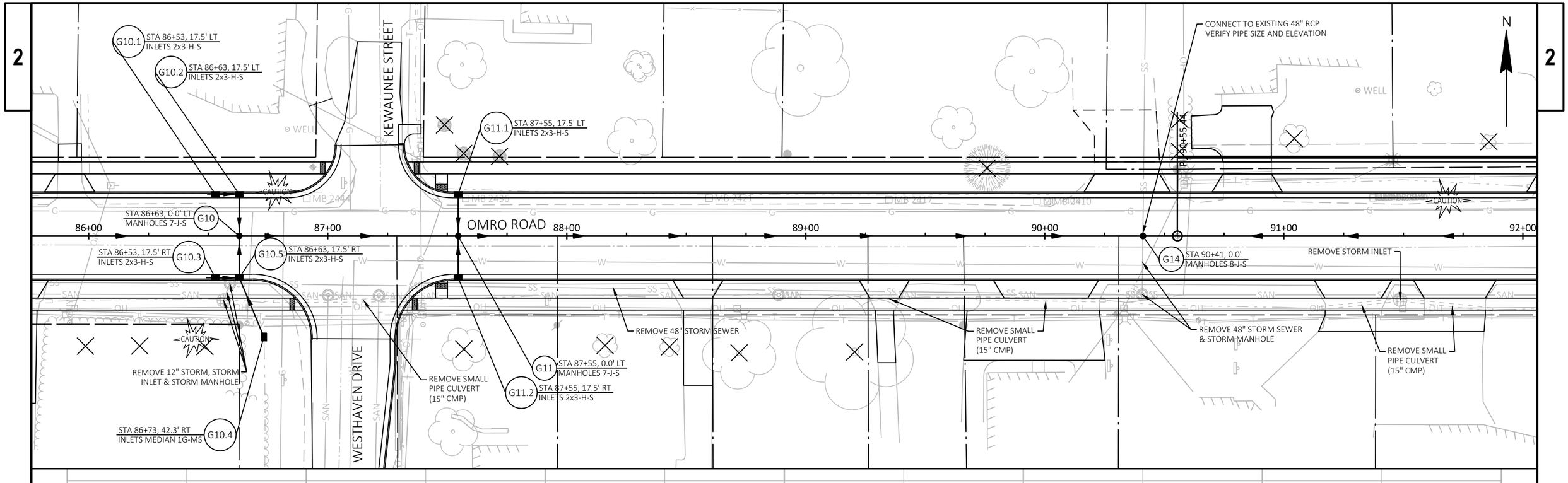
EXISTING PROFILE ABOVE
STORM SEWER CL (TYP)
G7.5 G7.4
761.66
759.70
758.40
SSPRC CLASS IV 12-INCH @ 2.78%

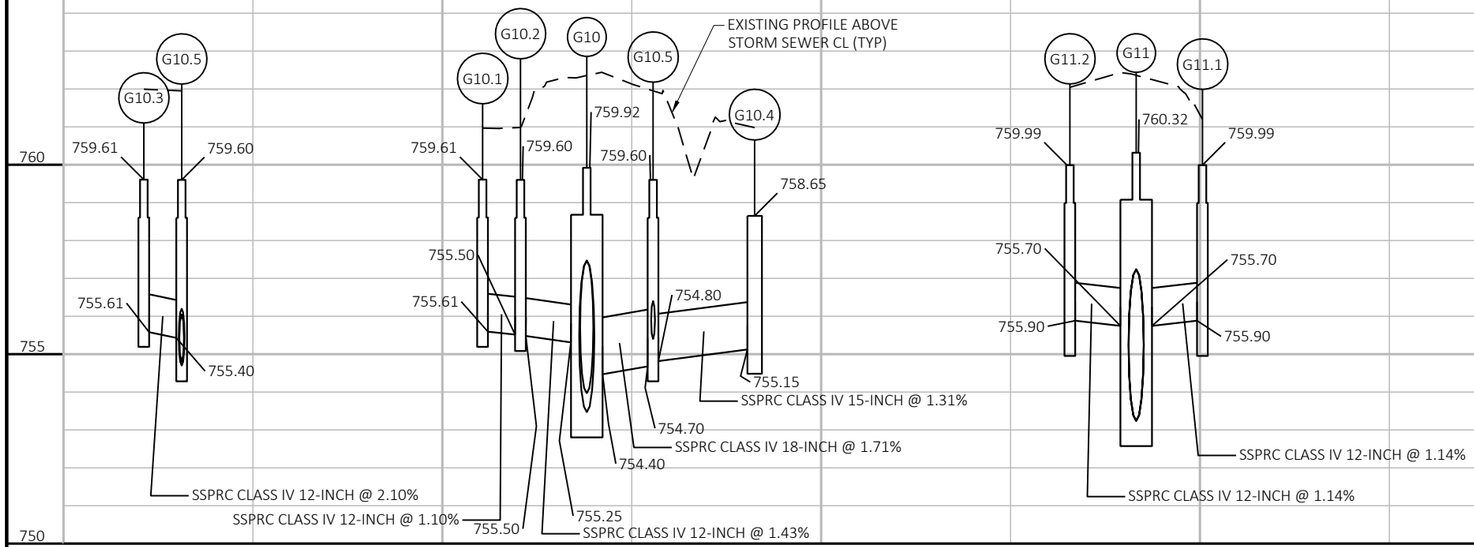
CONNECT TO EXISTING PIPE
VERIFY PIPE SIZE AND ELEVATION
CONCRETE COLLAR REQUIRED
G8.1 G8
762.00
762.55
758.83
757.50
756.65
756.06
SSPRC CLASS IV 36-INCH @ 1.72%
PACS 42X29-INCH @ 8.86%

G9.2 G9 G9.1
761.44
761.12
761.12
756.94
757.12
757.12
756.94
SSPRC CLASS IV 12-INCH @ 1.03%
SSPRC CLASS IV 12-INCH @ 1.03%

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 80	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 36 02SSLAT-14
PLOT DATE : 1/15/2021 3:59 PM
PLOT BY : JOSH FREWERD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 81	E

CONNECT TO EXISTING 48" RCP
VERIFY PIPE SIZE AND ELEVATION

PIPE 90+55.4LT

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE SMALL
PIPE CULVERT
(15" CMP)

STA 93+55, 38.1' LT
INLETS 2x3-H-S
G12.1

WILLOW SPRINGS
ROAD

REMOVE SMALL
PIPE CULVERT
(15" CMP)

N

CAUTION

WELL

FLAG

CAUTION

CAUTION

OMRO ROAD

89+00 90+00 91+00 92+00 93+00 94+00 95+00

G12.2 STA 93+33, 17.5' LT
INLETS 2x3-H

G14 STA 90+41, 0.0'
MANHOLES 8-J-S

REMOVE STORM INLET

G13 STA 92+31, 0.0'
MANHOLES 4-J-S

G12 STA 93+25, 0.0'
MANHOLES 4-J-S

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE 48" STORM SEWER
& STORM MANHOLE

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE SMALL
PIPE CULVERT
(15" CMP)

REMOVE SMALL
PIPE CULVERT
(15" CMP)

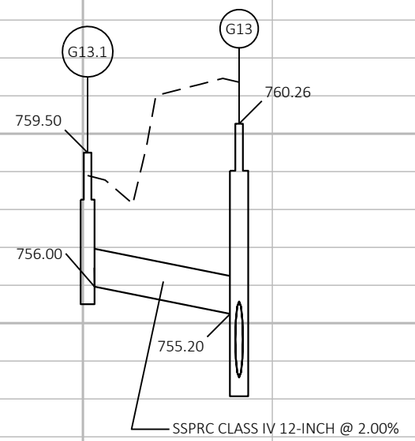
CAUTION

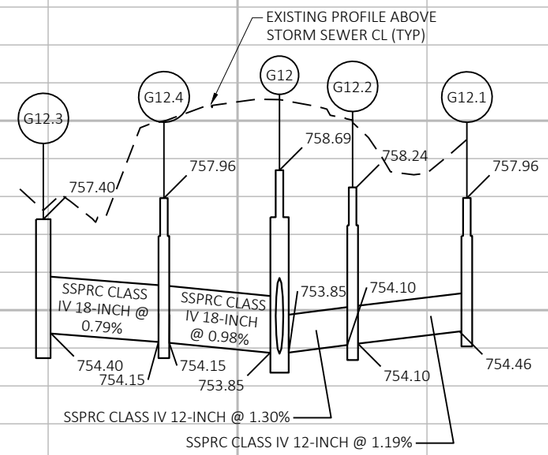
G13.1 STA 92+31, 40.0' RT
INLETS 3-C

STA 93+50, 17.5' RT
INLETS 2x3-H
G12.4

G12.3 STA 93+74, 38.0' RT
INLETS MEDIAN 1G-MS

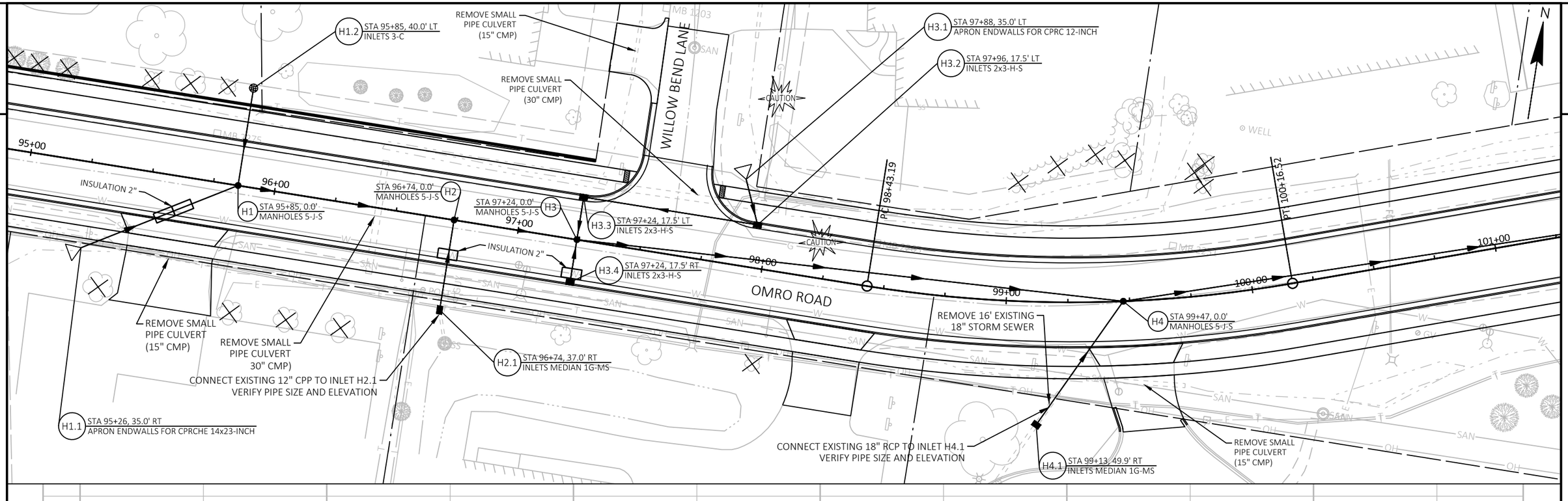
765
760
755
750

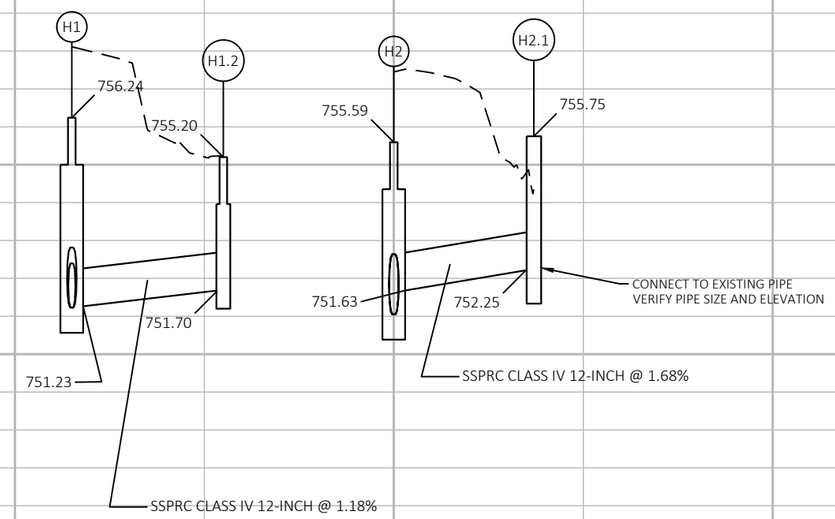


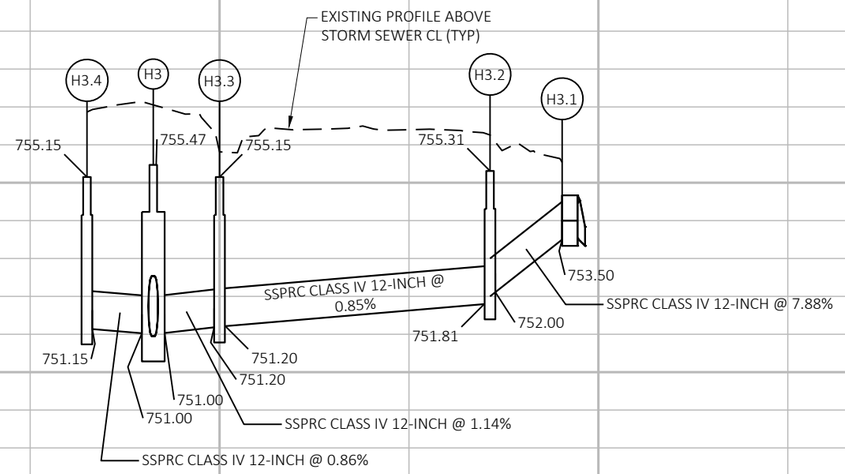


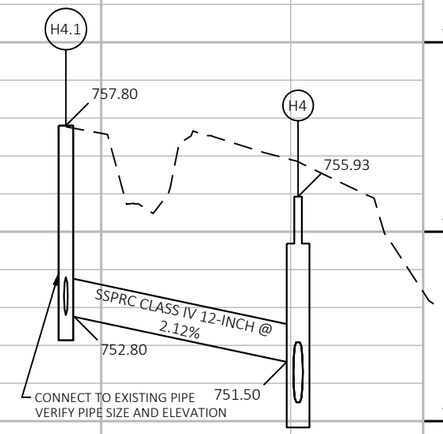
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 82	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 38 02SSLAT-16
PLOT DATE : 1/15/2021 4:00 PM
PLOT BY : JOSH FREWERD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41



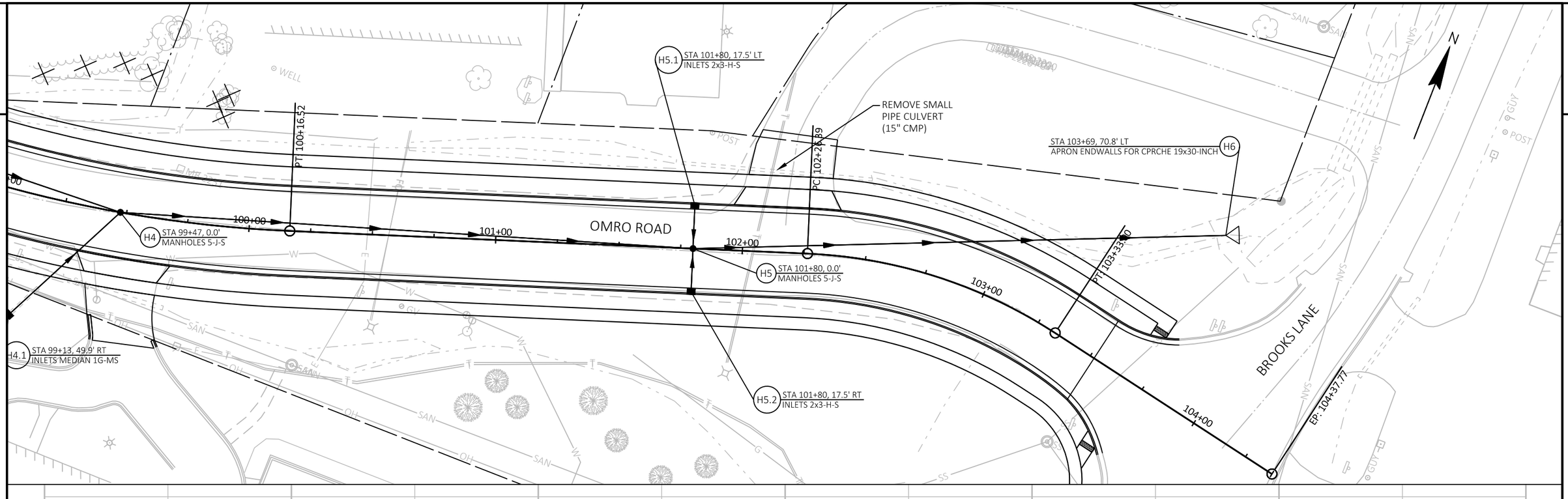


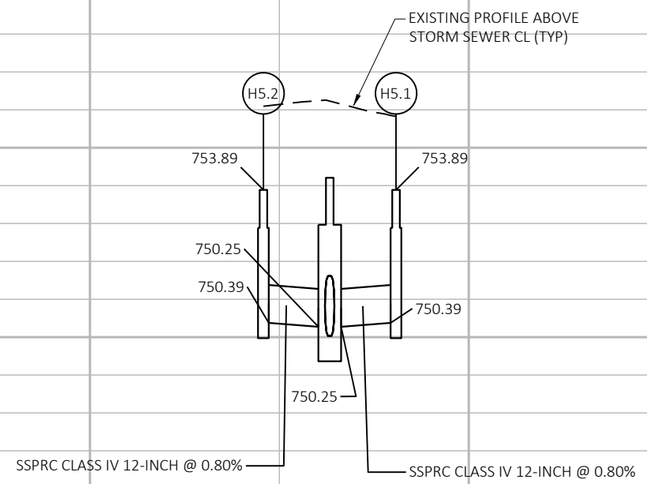




PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 83	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-SS\02-SS.DWG
LAYOUT NAME - 39 02SSLAT-17
PLOT DATE : 1/15/2021 4:00 PM
PLOT BY : JOSH FREWERD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41





760 760
755 755
750 750
745 745

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	STORM SEWER	SHEET 84	E

2

NOTE:
- BIKE SYMBOL NOTATION TO INCLUDE BOTH THE BIKE RIDER SYMBOL AS WELL AS THE ARROW. EACH ITEM BROKEN OUT IN MQ SHEETS.

LEGEND	
1	4-INCH EPOXY WHITE
2	6-INCH CROSS WALK EPOXY WHITE
3	18-INCH STOP BAR EPOXY WHITE
4	BIKE SYMBOL EPOXY WHITE
5	WORDS EPOXY WHITE
6	4-INCH EPOXY YELLOW

N

R2-1
24"X30"
SPEED LIMIT 35

NO PARKING ANY TIME
REMOVE

R7-1D
18"X24"

W1-7
48"X24"

BP: 9+50.00

LEONARD POINT ROAD

10+00

BEGIN PROJECT
STA 10+06.37

REMOVE

STOP
REMOVE

STOP
R1-1
30"X30"

PC 10+67.91

11+00

12+00

PT 12+14.52

PC 12+48.35

13+00

PT 13+94.96

14+00

OMRO ROAD

15+00

OMRO RD
LEONARD POINT RD
REMOVE

R2-1
24"X30"
SPEED LIMIT 35

NO PARKING ANY TIME
REMOVE

R7-1D
18"X24"

SPEED LIMIT 35
REMOVE

NOTE:
- INFORMATION NOT SHOWN ON THIS DETAIL SHALL BE IN ACCORDANCE WITH THE PERTINENT STANDARD DETAIL DRAWING FOR PAVEMENT MARKINGS

STOP AHEAD
36"X36"

W3-1
36"X36"

PT 13+94.96

14+00 OMRO ROAD 15+00

16+00

17+00

OMRO ROAD

18+00

19+00

20+00

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVEMENT MARKING & SIGNING DETAIL	SHEET 85	E

2

2

WELSH HAVEN DRIVE

OMRO RD
WELSH HAVEN DR
REMOVE
BY OTHERS

STOP STOP
REMOVE
R1-1
30"X30"

OMRO ROAD

19+00 20+00 21+00 22+00 23+00 24+00 25+00

SPEED LIMIT 35
NO PARKING ANY TIME
REMOVE

R2-1
24"X30"
SPEED LIMIT 35
NO PARKING ANY TIME
R7-1D
18"X24"

LEGEND	
1	4-INCH EPOXY WHITE
2	6-INCH CROSS WALK EPOXY WHITE
3	18-INCH STOP BAR EPOXY WHITE
4	BIKE SYMBOL EPOXY WHITE
5	WORDS EPOXY WHITE
6	4-INCH EPOXY YELLOW

NOTE:
- BIKE SYMBOL NOTATION TO INCLUDE BOTH THE BIKE RIDER SYMBOL AS WELL AS THE ARROW. EACH ITEM BROKEN OUT IN MQ SHEETS.

NOTE:
- INFORMATION NOT SHOWN ON THIS DETAIL SHALL BE IN ACCORDANCE WITH THE PERTINENT STANDARD DETAIL DRAWING FOR PAVEMENT MARKINGS

N

SNOWDON DRIVE

OMRO RD
SNOWDON DR
REMOVE
BY OTHERS

STOP STOP
REMOVE
R1-1
30"X30"

SPEED LIMIT 25
REMOVE

R2-1
24"X30"
SPEED LIMIT 25
R5-2
24"X24"

SPEED LIMIT 35
REMOVE

R2-1
24"X30"
SPEED LIMIT 35
NO PARKING ANY TIME
R7-1D
18"X24"

24+00 25+00 26+00 27+00 28+00 29+00 30+00

OMRO ROAD

DEAD END
REMOVE

DEAD END
W14-1
30"X30"

CAMBRIA COURT

OMRO RD
SNOWDON DR
REMOVE
BY OTHERS

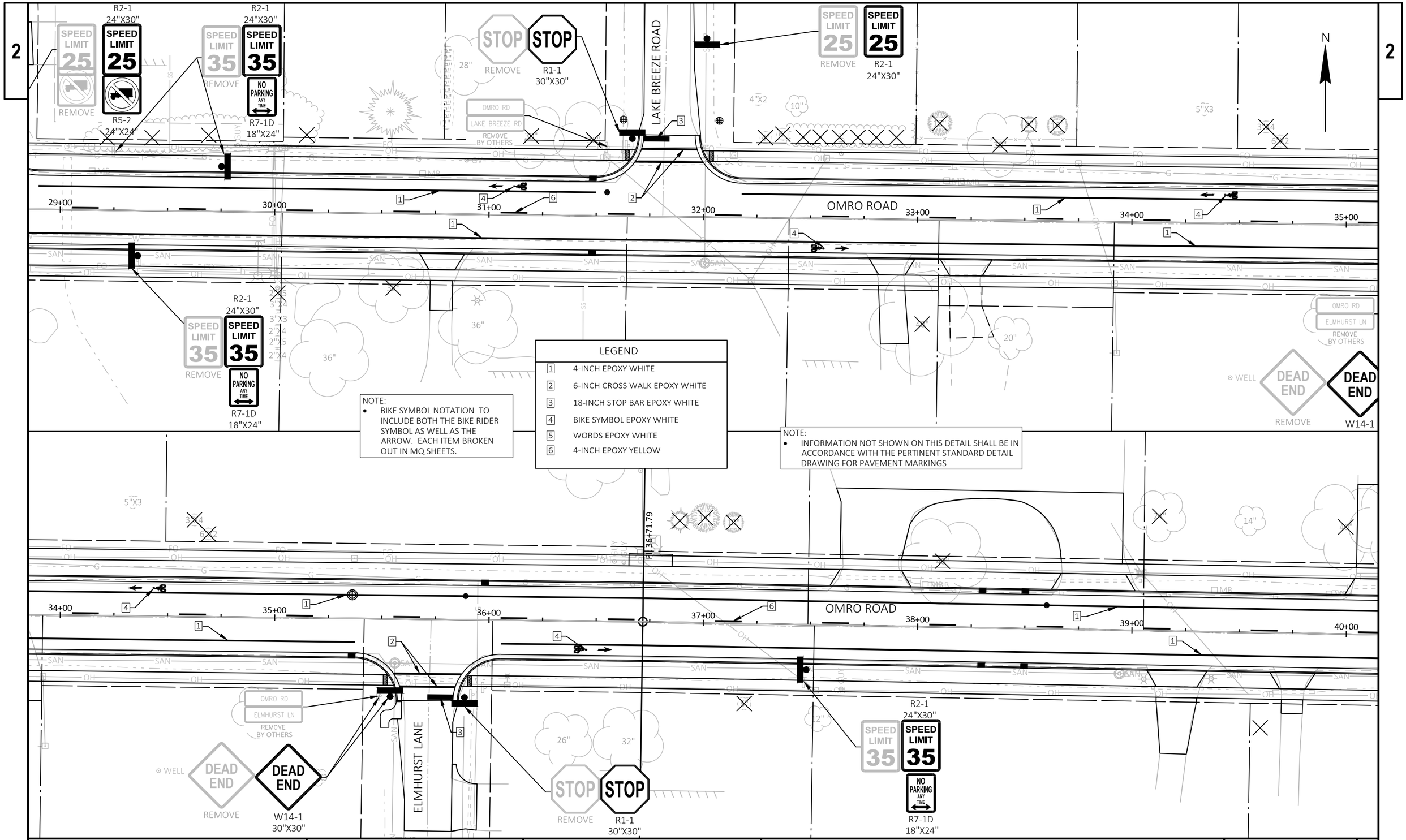
STOP STOP
REMOVE
R1-1
30"X30"

SPEED LIMIT 35
REMOVE

R2-1
24"X30"
SPEED LIMIT 35
NO PARKING ANY TIME
R7-1D

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVEMENT MARKING & SIGNING DETAIL	SHEET 86	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02- PM\OMRORD-PM.DWG
LAYOUT NAME - Sheet - (2)
PLOT DATE : 10/30/2020 3:24 PM
PLOT BY : MIKE WRIGHT
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVEMENT MARKING & SIGNING DETAIL	SHEET 87	E

2

N

R2-1
24"X30"

R7-1D
18"X24"

REMOVE

R1-1
30"X30"

TAMMY ROAD

OMRO RD
TAMMY RD
REMOVE
BY OTHERS

OMRO ROAD

39+00
40+00
41+00
42+00
43+00
44+00
45+00

OMRO RD
HONEY CREEK RD
REMOVE BY OTHERS

HONEY CREEK ROAD

R2-1
24"X30"

VALLEY ROAD

OMRO RD
VALLEY RD
REMOVE
BY OTHERS

BY OTHERS

S5-2
24"X30"

44+00
45+00
46+00
47+00
48+00
49+00
50+00

S1-1
36"X36"

R2-6P
24"X18"

NOTE:
- BIKE SYMBOL NOTATION TO INCLUDE BOTH THE BIKE RIDER SYMBOL AS WELL AS THE ARROW. EACH ITEM BROKEN OUT IN MQ SHEETS.

LEGEND	
1	4-INCH EPOXY WHITE
2	6-INCH CROSS WALK EPOXY WHITE
3	18-INCH STOP BAR EPOXY WHITE
4	BIKE SYMBOL EPOXY WHITE
5	WORDS EPOXY WHITE
6	4-INCH EPOXY YELLOW

NOTE:
- INFORMATION NOT SHOWN ON THIS DETAIL SHALL BE IN ACCORDANCE WITH THE PERTINENT STANDARD DETAIL DRAWING FOR PAVEMENT MARKINGS

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVEMENT MARKING & SIGNING DETAIL	SHEET 88	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02- PM\OMRORD-PM.DWG
LAYOUT NAME - Sheet - (4)
PLOT DATE : 10/30/2020 3:25 PM
PLOT BY : MIKE WRIGHT
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

N

NATURE DRIVE
REMOVE

OMRO ROAD

49+00 50+00 51+00 52+00 53+00 54+00 55+00

SPEED LIMIT 35 / END SCHOOL ZONE
REMOVE
S5-2
24"X30"

SPEED LIMIT 35 / END SCHOOL ZONE
24"X30"

SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT
REMOVE W/ RADAR BY OTHERS

SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT
S4-51 W/ RADAR
24"X48" BY OTHERS

NOTE:
- BIKE SYMBOL NOTATION TO INCLUDE BOTH THE BIKE RIDER SYMBOL AS WELL AS THE ARROW. EACH ITEM BROKEN OUT IN MQ SHEETS.

LEGEND

1	4-INCH EPOXY WHITE
2	6-INCH CROSS WALK EPOXY WHITE
3	18-INCH STOP BAR EPOXY WHITE
4	BIKE SYMBOL EPOXY WHITE
5	WORDS EPOXY WHITE
6	4-INCH EPOXY YELLOW

NOTE:
- INFORMATION NOT SHOWN ON THIS DETAIL SHALL BE IN ACCORDANCE WITH THE PERTINENT STANDARD DETAIL DRAWING FOR PAVEMENT MARKINGS

NEIGHBORHOOD WATCH WARNING
REMOVE BY OTHERS

54+00 55+00 56+00 57+00 58+00 59+00 60+00

OMRO ROAD

S4-51
24"X48"

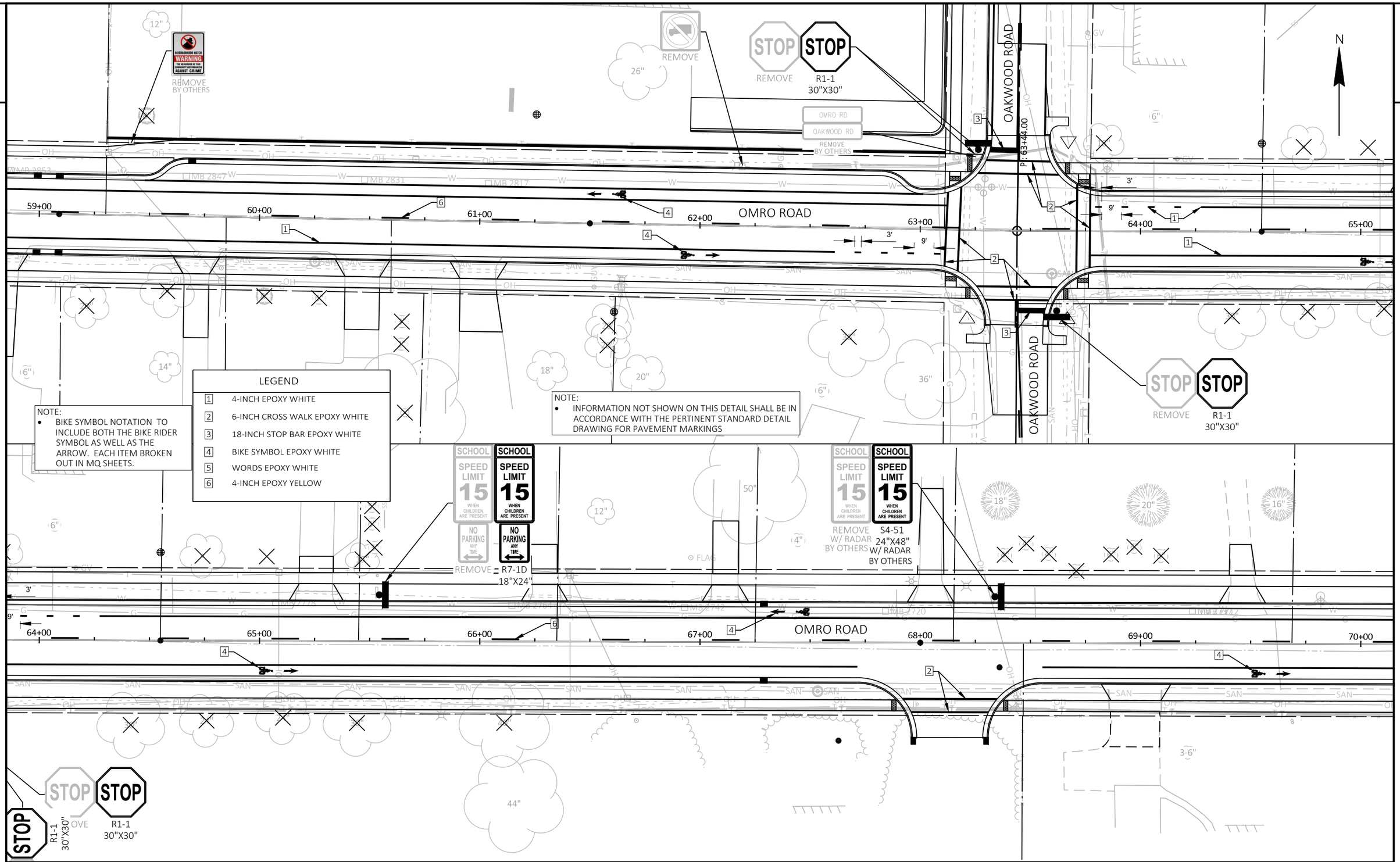
SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT

NO PARKING ANY TIME
REMOVE
R7-1D
18"X24"

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVEMENT MARKING & SIGNING DETAIL	SHEET 89	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02- PM\OMRORD-PM.DWG
LAYOUT NAME - Sheet - (5)
PLOT DATE : 10/30/2020 3:25 PM
PLOT BY : MIKE WRIGHT
PLOT NAME :
PLOT SCALE : ##########

2



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVEMENT MARKING & SIGNING DETAIL	SHEET 90	E

2

N

S1-1
36"X36"

FINES HIGHER
REMOVE

FINES HIGHER
R2-6P
24"X18"

STOP STOP
REMOVE
R1-1
30"X30"

OAKWOOD CIRCLE
REMOVE BY OTHERS

OAKWOOD CIRCLE

OMRO ROAD

69+00 70+00 71+00 72+00 73+00 74+00 75+00

LEGEND	
1	4-INCH EPOXY WHITE
2	6-INCH CROSS WALK EPOXY WHITE
3	18-INCH STOP BAR EPOXY WHITE
4	BIKE SYMBOL EPOXY WHITE
5	WORDS EPOXY WHITE
6	4-INCH EPOXY YELLOW

NOTE:
- BIKE SYMBOL NOTATION TO INCLUDE BOTH THE BIKE RIDER SYMBOL AS WELL AS THE ARROW. EACH ITEM BROKEN OUT IN MQ SHEETS.

SPEED LIMIT 35
END SCHOOL ZONE
REMOVE

R2-1
24"X30"
SPEED LIMIT 35
END SCHOOL ZONE
S5-2
24"X30"

NOTE:
- INFORMATION NOT SHOWN ON THIS DETAIL SHALL BE IN ACCORDANCE WITH THE PERTINENT STANDARD DETAIL DRAWING FOR PAVEMENT MARKINGS

W14-1
30"X30"
DEAD END
SPEED LIMIT 25
REMOVE

DEAD END
SPEED LIMIT 25
R2-1
24"X30"

RAN LIE STREET

STOP STOP
REMOVE
R1-1
30"X30"

OAKWOOD CIRCLE
REMOVE BY OTHERS

SPEED LIMIT 25
REMOVE
SPEED LIMIT 25
R2-1
24"X30"

FIRE DEPARTMENT VEHICLES ONLY
REMOVE
FIRE DEPARTMENT VEHICLES ONLY
BY OTHERS

NO THRU TRAFFIC
REMOVE BY OTHERS
NO THRU TRAFFIC
BY OTHERS

STOP STOP
REMOVE
R1-1
30"X30"

SHEBOYGAN ST
REMOVE BY OTHERS

SHEBOYGAN STREET

SPEED LIMIT 25
REMOVE
SPEED LIMIT 25
R2-1
24"X30"

WELL

74+00 75+00 76+00 77+00 78+00 79+00 80+00

OMRO ROAD

W14-1
30"X30"
DEAD END
SPEED LIMIT 25
R2-1
24"X30"

RAN LIE STREET

RAN LIE ST
REMOVE BY OTHERS

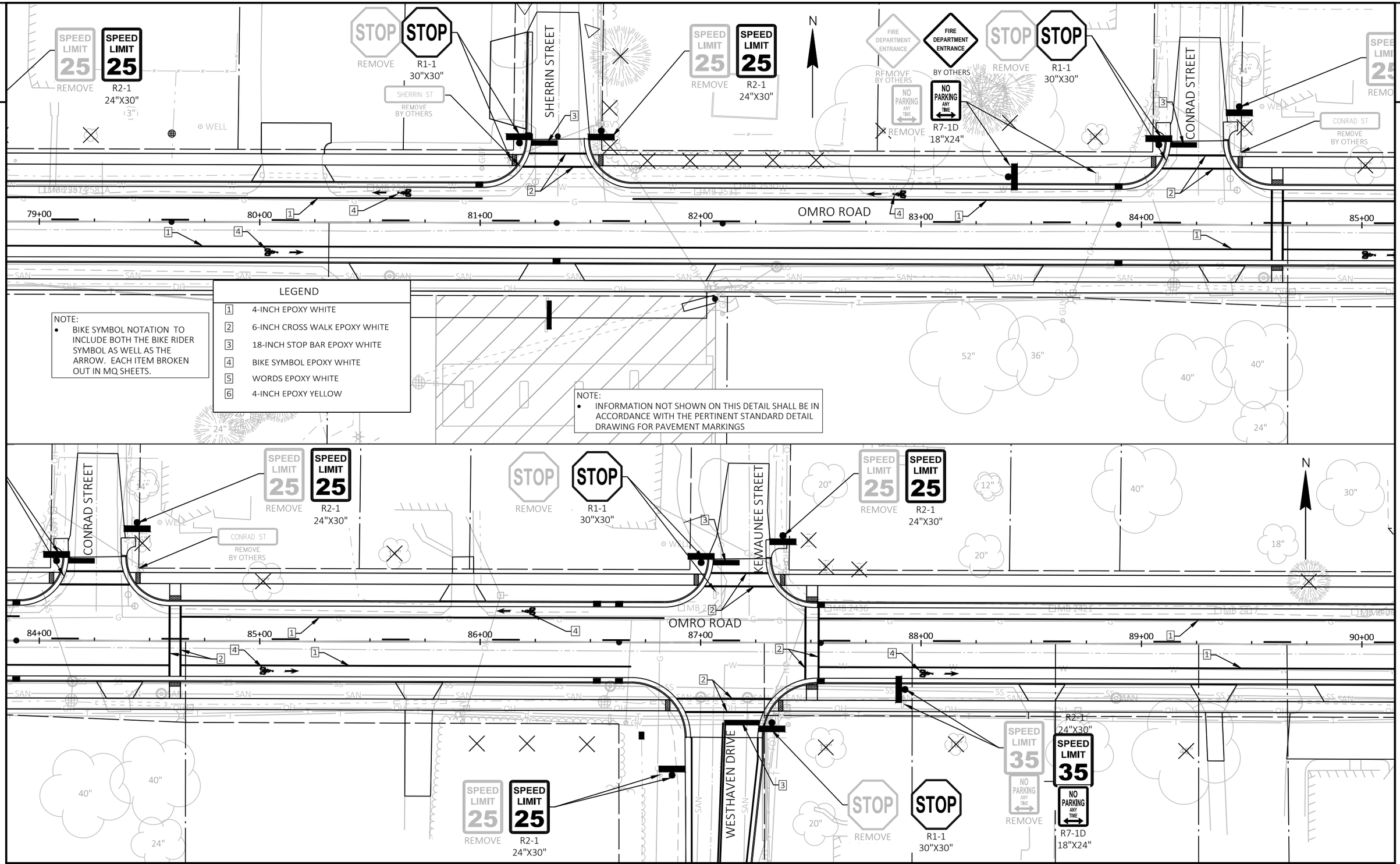
STOP STOP
REMOVE
R1-1
30"X30"

SPEED LIMIT 35
NO PARKING ANY TIME
REMOVE

R2-1
24"X30"
SPEED LIMIT 35
NO PARKING ANY TIME
R7-1D
18"X24"

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVEMENT MARKING & SIGNING DETAIL	SHEET 91 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02- PM\OMRORD-PM.DWG
LAYOUT NAME - Sheet - (7)
PLOT DATE : 10/30/2020 3:26 PM
PLOT BY : MIKE WRIGHT
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVEMENT MARKING & SIGNING DETAIL	SHEET 92	E

2

RIGHT-OF-WAY ACQUISITION REQ'D

SPEED LIMIT 35 NO PARKING ANY TIME
REMOVE

R2-1 24"X30"
SPEED LIMIT 35

NO PARKING ANY TIME
R7-1D 18"X24"

STOP
REMOVE

STOP
R1-1 30"X30"

WILLOW SPRINGS ROAD

N

WISCONSIN DOT DRIVERS LICENSING
REMOVE BY OTHERS

RIGHT-OF-WAY ACQUISITION REQ'D

PI 90+55.44

89+00 90+00 91+00 92+00 OMRO ROAD 93+00 94+00 95+00

LEGEND

1	4-INCH EPOXY WHITE
2	6-INCH CROSS WALK EPOXY WHITE
3	18-INCH STOP BAR EPOXY WHITE
4	BIKE SYMBOL EPOXY WHITE
5	WORDS EPOXY WHITE
6	4-INCH EPOXY YELLOW

NOTE:
- BIKE SYMBOL NOTATION TO INCLUDE BOTH THE BIKE RIDER SYMBOL AS WELL AS THE ARROW. EACH ITEM BROKEN OUT IN MQ SHEETS.

NOTE:
- INFORMATION NOT SHOWN ON THIS DETAIL SHALL BE IN ACCORDANCE WITH THE PERTINENT STANDARD DETAIL DRAWING FOR PAVEMENT MARKINGS

STOP
REMOVE

STOP
R1-1

WISCONSIN DOT DRIVERS LICENSING
REMOVE BY OTHERS

WISCONSIN DOT DRIVERS LICENSING
D1-2 VARIESX30" BY OTHERS

STOP
REMOVE

STOP
R1-1 30"X30"

RIGHT-OF-WAY ACQUISITION REQ'D

RIGHT-OF-WAY ACQUISITION REQ'D

WILLOW BEND LANE

SPEED LIMIT 25
REMOVE

SPEED LIMIT 25
R2-1 24"X30"

PCI 98+43.19

PI 100+16.25

94+00 95+00 96+00 OMRO ROAD 97+00 98+00 99+00 100+00

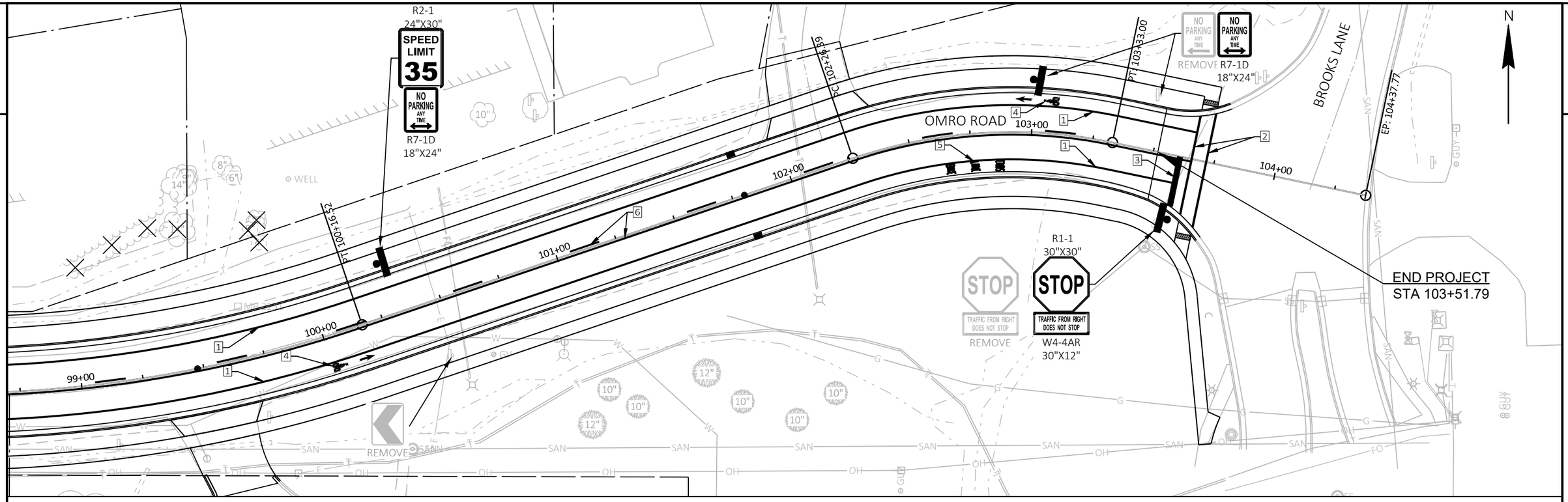
STOP
R1-1 30"X30"

REMOVE

W3-1 36"X36"

PROJECT NO:	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVEMENT MARKING & SIGNING DETAIL	SHEET 93	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02- PM\OMRORD-PM.DWG
LAYOUT NAME - Sheet - (9)
PLOT DATE : 10/30/2020 3:26 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

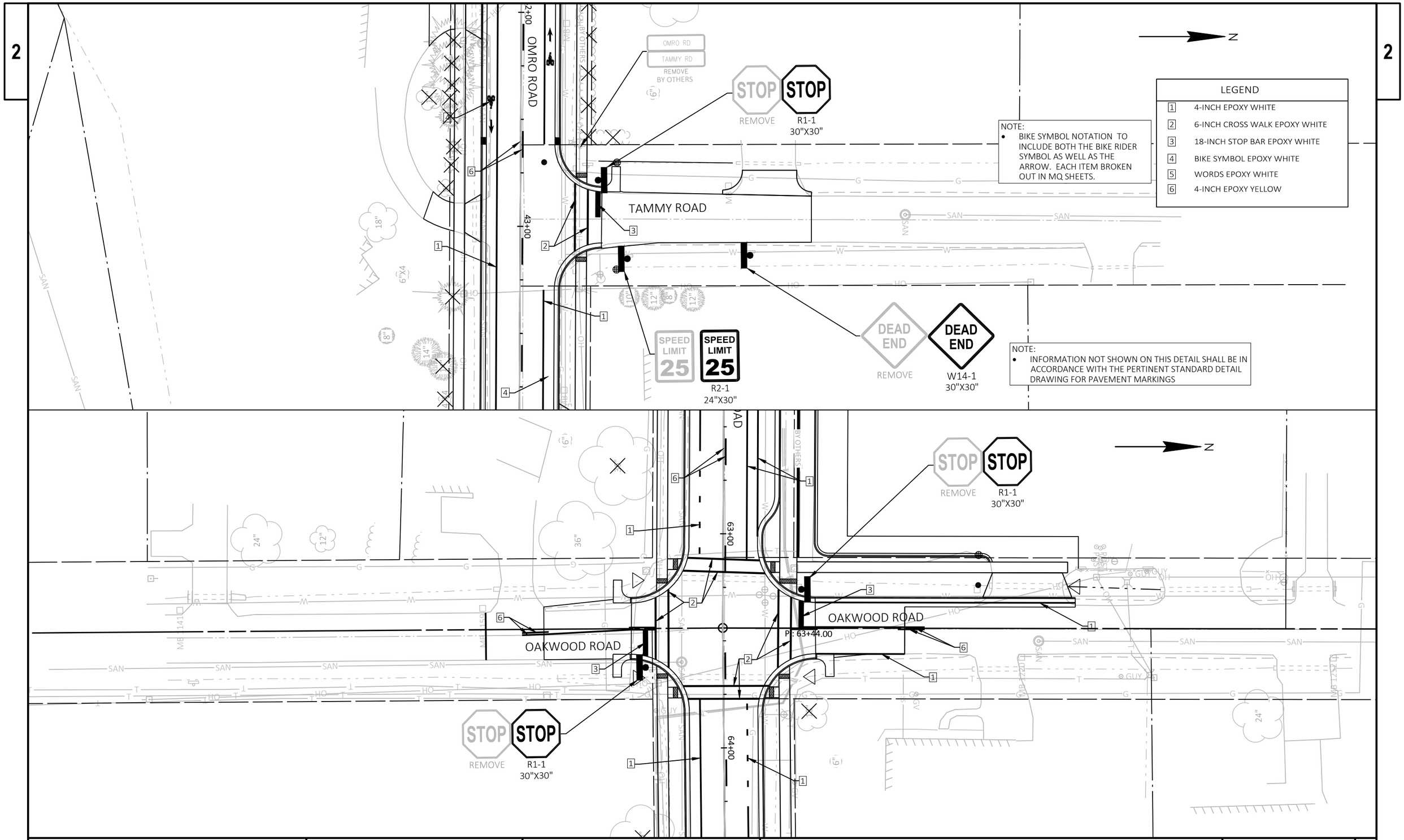


NOTE:
- INFORMATION NOT SHOWN ON THIS DETAIL SHALL BE IN ACCORDANCE WITH THE PERTINENT STANDARD DETAIL DRAWING FOR PAVEMENT MARKINGS

NOTE:
- BIKE SYMBOL NOTATION TO INCLUDE BOTH THE BIKE RIDER SYMBOL AS WELL AS THE ARROW. EACH ITEM BROKEN OUT IN MQ SHEETS.

LEGEND	
1	4-INCH EPOXY WHITE
2	6-INCH CROSS WALK EPOXY WHITE
3	18-INCH STOP BAR EPOXY WHITE
4	BIKE SYMBOL EPOXY WHITE
5	WORDS EPOXY WHITE
6	4-INCH EPOXY YELLOW

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVEMENT MARKING & SIGNING DETAIL	SHEET 94	E



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PAVEMENT MARKING & SIGNING DETAIL	SHEET 95	E

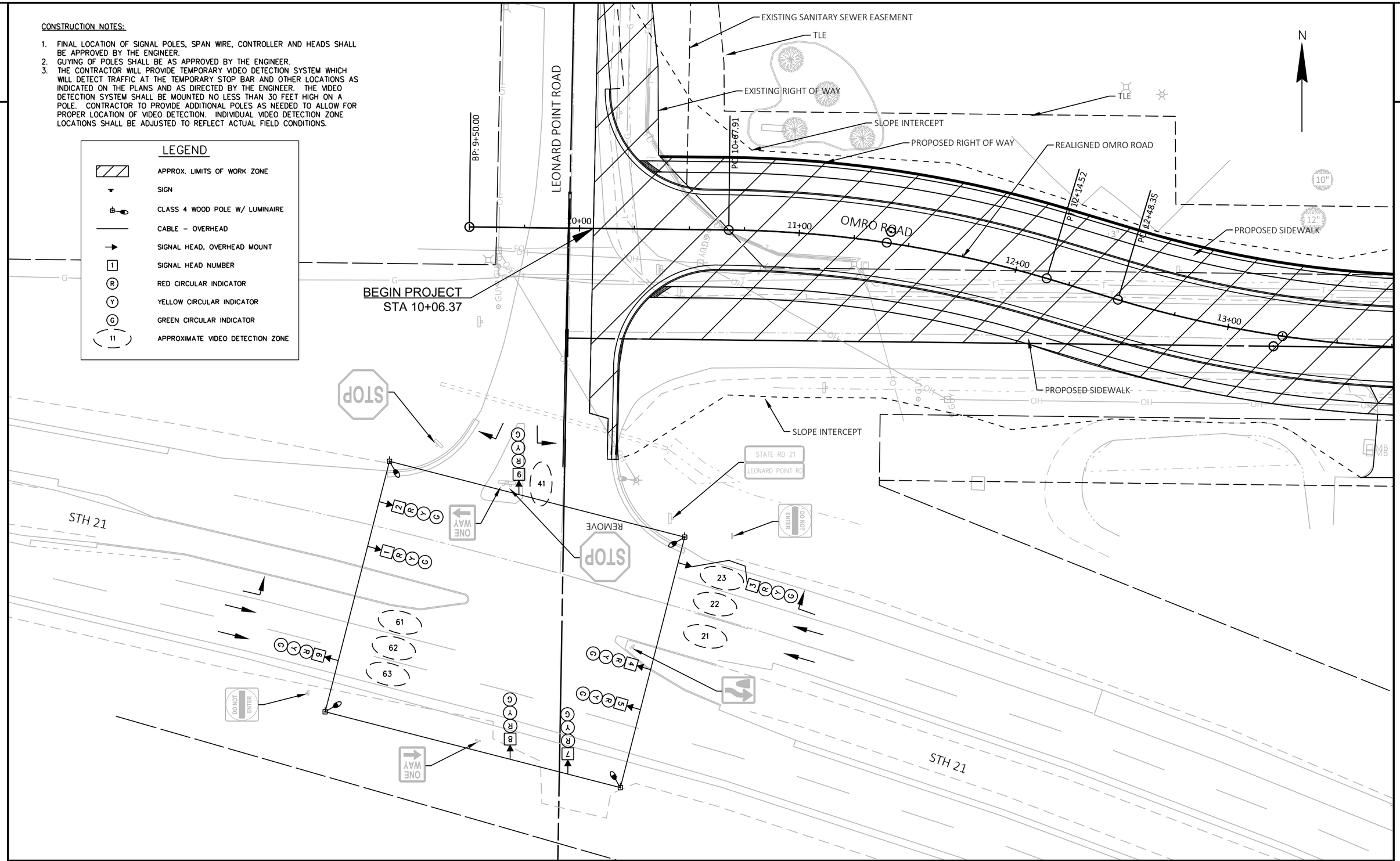
FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02- PM\OMRORD-PM.DWG
LAYOUT NAME - Sheet - (13)
PLOT DATE : 10/30/2020 3:27 PM
PLOT BY : MIKE WRIGHT
PLOT NAME :
PLOT SCALE : ##########

CONSTRUCTION NOTES:

1. FINAL LOCATION OF SIGNAL POLES, SPAN WIRE, CONTROLLER AND HEADS SHALL BE APPROVED BY THE ENGINEER.
2. GUYING OF POLES SHALL BE AS APPROVED BY THE ENGINEER.
3. THE CONTRACTOR WILL PROVIDE TEMPORARY VIDEO DETECTION SYSTEM WHICH WILL DETECT TRAFFIC AT THE TEMPORARY STOP BAR AND OTHER LOCATIONS AS INDICATED ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THE VIDEO DETECTION SYSTEM SHALL BE MOUNTED NO LESS THAN 30 FEET HIGH ON A POLE. CONTRACTOR TO PROVIDE ADDITIONAL POLES AS NEEDED TO ALLOW FOR PROPER LOCATION OF VIDEO DETECTION. INDIVIDUAL VIDEO DETECTION ZONE LOCATIONS SHALL BE ADJUSTED TO REFLECT ACTUAL FIELD CONDITIONS.

LEGEND

- APPROX. LIMITS OF WORK ZONE
- SIGN
- CLASS 4 WOOD POLE W/ LUMINAIRE
- CABLE – OVERHEAD
- SIGNAL HEAD, OVERHEAD MOUNT
- [1] SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- (11) APPROXIMATE VIDEO DETECTION ZONE



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	TEMPORARY SIGNAL PLAN	SHEET 96	E

2

SEQUENCE OF OPERATION

N

NOT USED | ← | NOT USED | ↓

RING 1

PHASE	HEAD NUMBERS	#1 R/W	#1 CLEAR TO * *	#2 R/W	#2 CLEAR TO * *	#3 R/W	#3 CLEAR TO * *	#4 R/W	#4 CLEAR TO * *	FLASH
1	–	–	– –	–	– –			–	– –	–
2	1, 2, 3	–	– –	G	Y R			R	R R	R
3	–	–	– –	–	– –			–	– –	–
4	7, 8, 9	–	– –	R	R R			G	Y R	R
5	–	–	– –	–	– –			–	– –	–
6	4, 5, 6	–	– –	R	R R			R	R R	R
7	–	–	– –	–	– –			–	– –	–
8	–	–	– –	–	– –			–	– –	–

NOT USED | → | NOT USED | NOT USED

RING 2

PHASE	HEAD NUMBERS	#5 R/W	#5 CLEAR TO * *	#6 R/W	#6 CLEAR TO * *	#7 R/W	#7 CLEAR TO * *	#8 R/W	#8 CLEAR TO * *
1	–	–	– –	–	– –			–	– –
2	1, 2, 3	–	– –	R	R R			–	– –
3	–	–	– –	–	– –			–	– –
4	7, 8, 9	–	– –	R	R R			–	– –
5	–	–	– –	–	– –			–	– –
6	4, 5, 6	–	– –	G	Y R			–	– –
7	–	–	– –	–	– –			–	– –
8	–	–	– –	–	– –			–	– –

BARRIER

** CLEARANCE TO A PHASE IN CONFLICT WITH THIS PHASE ON (SEE CHART 1 BELOW)

NOTES:

1. ANY ACTUATED PHASE FOR WHICH THERE IS NO CALL SHALL BE SKIPPED.
2. WHEN ONE PHASE IS ON ALONE, ANY NON-CONFLICTING PHASE MAY START TIMING CONCURRENTLY WITHOUT A CLEARANCE INTERVAL (SEE CHART 1).
3. WHEN OPPOSING THRU PHASES ARE TIMED CONCURRENTLY, THEY SHALL TERMINATE TOGETHER DUE TO PERMISSIVE LEFT TURN CONFLICT.

CHART 1

PHASE ON	NON-CONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
1		
2	6	4
3		
4	NONE	2, 6
5		
6	2	4
7		
8		

DETECTOR LOGIC

DETECTOR NUMBER	AMPLIFIER CHANNEL NUMBER	DETECTOR OPERATION: CALLS AND EXTENDS	DETECTOR OPERATION: CALLS ONLY	DETECTOR OPERATION: EXTENDS ONLY	PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE	NUMBER OF TURNS
21	1	X			2	2					
22	1	X			2	2					
23	2	X			2	2					
41	3	X			4	4					
61	4	X			6	6					
62	5	X			6	6					
63	5	X			6	6					

TYPE OF INTERCONNECT	
NONE	X
CLOSED LOOP TWISTED PAIR	
CLOSED LOOP FIBER OPTIC	
HARDWIRE	
TONE (FREQ)	
SIGNAL SYSTEM:	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
3M	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTOR	

TYPE OF LIGHTING	
NONE	
IN TRAFFIC CONTROL CABINET	X
IN SEPARATE CONTROL CABINET	

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1				
2		6	MIN	YES
3				
4		NONE		YES
5				
6		2	MIN	YES
7				
8				

OVERLAPS

NONE

SPECIAL OVERLAPS

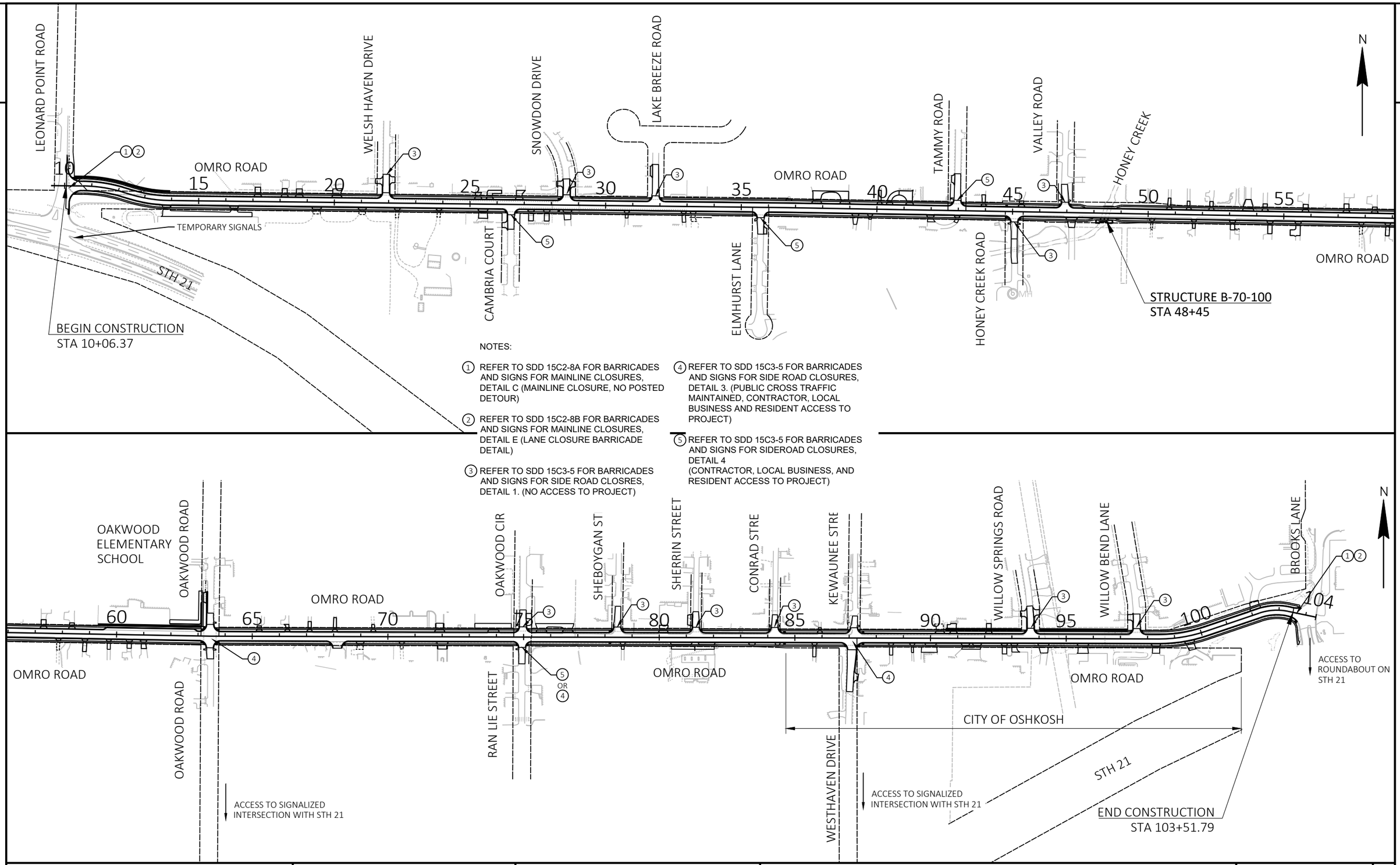
	PROTECTED	PERMISSIVE

STH 21 & LEONARD POINT RD.
TOWN OF ALGOMA
WINNEBAGO COUNTY

SIGNAL NO. TEMP REV.

CONTROLLER TYPE: EPAC

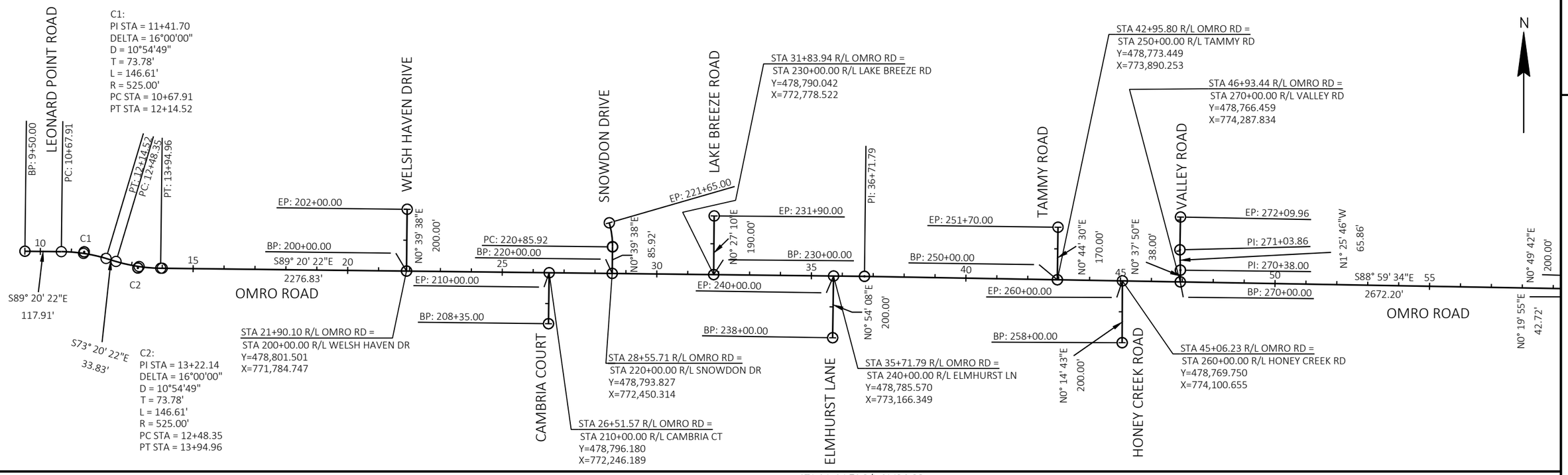
DATE:

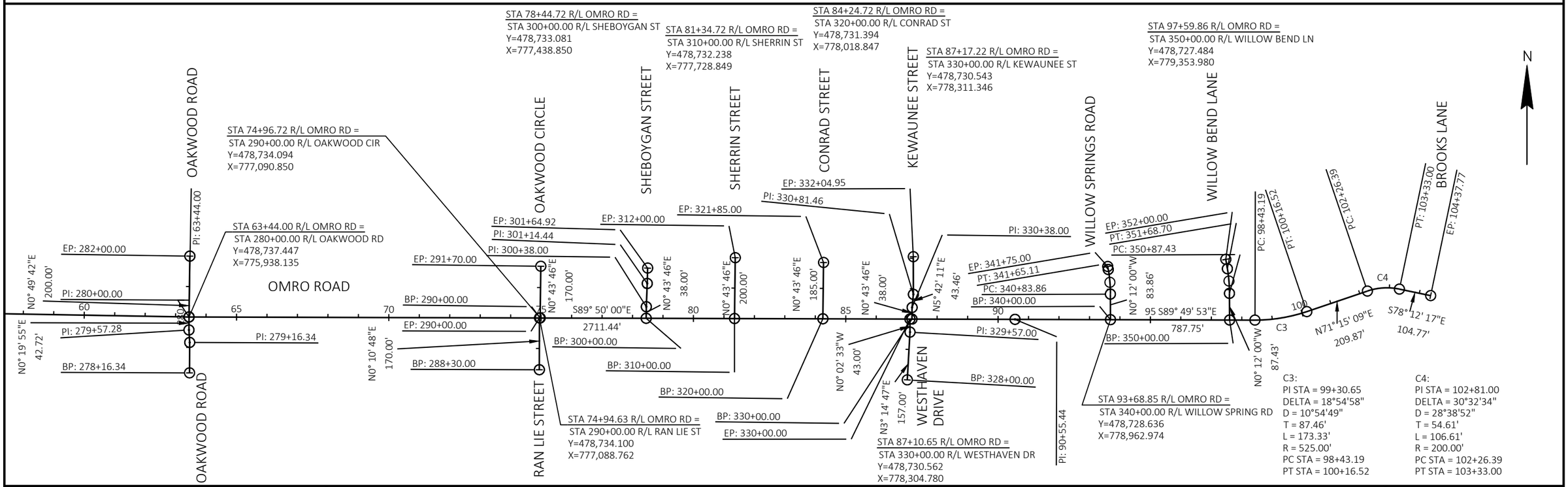


NOTES:

1. REFER TO SDD 15C2-8A FOR BARRICADES AND SIGNS FOR MAINLINE CLOSURES, DETAIL C (MAINLINE CLOSURE, NO POSTED DETOUR)
2. REFER TO SDD 15C2-8B FOR BARRICADES AND SIGNS FOR MAINLINE CLOSURES, DETAIL E (LANE CLOSURE BARRICADE DETAIL)
3. REFER TO SDD 15C3-5 FOR BARRICADES AND SIGNS FOR SIDE ROAD CLOSRES, DETAIL 1. (NO ACCESS TO PROJECT)
4. REFER TO SDD 15C3-5 FOR BARRICADES AND SIGNS FOR SIDE ROAD CLOSURES, DETAIL 3. (PUBLIC CROSS TRAFFIC MAINTAINED, CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS TO PROJECT)
5. REFER TO SDD 15C3-5 FOR BARRICADES AND SIGNS FOR SIDEROAD CLOSURES, DETAIL 4 (CONTRACTOR, LOCAL BUSINESS, AND RESIDENT ACCESS TO PROJECT)

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	TRAFFIC CONTROL	SHEET 98	E





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	HORIZONTAL ALIGNMENT	SHEET 99	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\02-ALIGNMENT\02-ALI.DWG
LAYOUT NAME - Plan Dbl 1 IN 325 FT
PLOT DATE : 10/30/2020 3:30 PM
PLOT BY : MIKE WRIGHT
PLOT NAME :
PLOT SCALE : 1 IN:325 FT
WISDOT/CADDS SHEET 44

6436-00-71

Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	64.000	64.000
0004	201.0120	Clearing	ID	22.000	22.000
0006	201.0205	Grubbing	STA	64.000	64.000
0008	201.0220	Grubbing	ID	22.000	22.000
0010	203.0100	Removing Small Pipe Culverts	EACH	103.000	103.000
0012	203.0200	Removing Old Structure (station) 01. 48+45 RT	LS	1.000	1.000
0014	204.0100	Removing Concrete Pavement	SY	25,000.000	25,000.000
0016	204.0150	Removing Curb & Gutter	LF	170.000	170.000
0018	204.0165	Removing Guardrail	LF	510.000	510.000
0020	204.0170	Removing Fence	LF	1,042.000	1,042.000
0022	204.0210	Removing Manholes	EACH	7.000	7.000
0024	204.0220	Removing Inlets	EACH	7.000	7.000
0026	204.0245	Removing Storm Sewer (size) 01. 18-Inch or Less	LF	176.000	176.000
0028	204.0245	Removing Storm Sewer (size) 02. 21-Inch to 36-Inch	LF	493.000	493.000
0030	204.0245	Removing Storm Sewer (size) 03. 42-Inch or Greater	LF	849.000	849.000
0032	205.0100	Excavation Common	CY	56,353.000	56,353.000
0034	206.1000	Excavation for Structures Bridges (structure) 01. B-70-100	LS	1.000	1.000
0036	209.2100	Backfill Granular Grade 2	CY	1,885.000	1,885.000
0038	210.2500	Backfill Structure Type B	TON	302.000	302.000
0040	213.0100	Finishing Roadway (project) 01. 6436-00-71	EACH	1.000	1.000
0042	305.0110	Base Aggregate Dense 3/4-Inch	TON	260.000	260.000
0044	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	37,765.000	37,765.000
0046	311.0110	Breaker Run	TON	10,060.000	10,060.000
0048	416.0160	Concrete Driveway 6-Inch	SY	3,394.000	3,394.000
0050	416.0180	Concrete Driveway 8-Inch	SY	664.000	664.000
0052	416.0610	Drilled Tie Bars	EACH	18.000	18.000
0054	455.0605	Tack Coat	GAL	2,350.000	2,350.000
0056	460.2000	Incentive Density HMA Pavement	DOL	6,830.000	6,830.000
0058	460.5223	HMA Pavement 3 LT 58-28 S	TON	5,925.000	5,925.000
0060	460.5224	HMA Pavement 4 LT 58-28 S	TON	4,740.000	4,740.000
0062	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	850.000	850.000
0064	465.0315	Asphaltic Flumes	SY	83.000	83.000
0066	502.4205	Adhesive Anchors No. 5 Bar	EACH	60.000	60.000
0068	504.0100	Concrete Masonry Culverts	CY	59.000	59.000
0070	505.0400	Bar Steel Reinforcement HS Structures	LB	3,140.000	3,140.000
0072	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	2,550.000	2,550.000
0074	513.8011	Railing Steel Pedestrian Type C2	LF	98.000	98.000
0076	516.0500	Rubberized Membrane Waterproofing	SY	9.000	9.000
0078	521.3742	Pipe Arch Corrugated Steel 42x29-Inch	LF	15.000	15.000

6436-00-71

Line	Item	Item Description	Unit	Total	Qty
0080	522.1012	Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	EACH	2.000	2.000
0082	522.1015	Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch	EACH	1.000	1.000
0084	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	1.000	1.000
0086	522.2614	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 14x23-Inch	EACH	1.000	1.000
0088	522.2619	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	EACH	1.000	1.000
0090	522.2624	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	EACH	4.000	4.000
0092	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	220.000	220.000
0094	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	19,225.000	19,225.000
0096	601.0600	Concrete Curb Pedestrian	LF	115.000	115.000
0098	602.0405	Concrete Sidewalk 4-Inch	SF	79,770.000	79,770.000
0100	602.0415	Concrete Sidewalk 6-Inch	SF	3,295.000	3,295.000
0102	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	570.000	570.000
0104	602.0615	Curb Ramp Detectable Warning Field Radial Natural Patina	SF	33.000	33.000
0106	606.0200	Riprap Medium	CY	6.000	6.000
0108	606.0300	Riprap Heavy	CY	35.000	35.000
0110	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	1,264.000	1,264.000
0112	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	2,051.000	2,051.000
0114	608.0330	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	1,080.000	1,080.000
0116	608.0336	Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	LF	1,255.000	1,255.000
0118	608.0342	Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	LF	803.000	803.000
0120	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	2,251.000	2,251.000
0122	608.0415	Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	LF	681.000	681.000
0124	608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	622.000	622.000
0126	608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	130.000	130.000
0128	608.0436	Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	LF	109.000	109.000
0130	608.0442	Storm Sewer Pipe Reinforced Concrete Class IV 42-	LF	453.000	453.000

6436-00-71

Line	Item	Item Description	Unit	Total	Qty
		Inch			
0132	608.0448	Storm Sewer Pipe Reinforced Concrete Class IV 48-Inch	LF	381.000	381.000
0134	608.2414	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	LF	68.000	68.000
0136	608.2419	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	LF	810.000	810.000
0138	608.2424	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	LF	272.000	272.000
0140	608.3015	Storm Sewer Pipe Class III-A 15-Inch	LF	63.000	63.000
0142	611.0535	Manhole Covers Type J-Special	EACH	47.000	47.000
0144	611.0612	Inlet Covers Type C	EACH	26.000	26.000
0146	611.0624	Inlet Covers Type H	EACH	34.000	34.000
0148	611.0639	Inlet Covers Type H-S	EACH	37.000	37.000
0150	611.0642	Inlet Covers Type MS	EACH	8.000	8.000
0152	611.0666	Inlet Covers Type Z	EACH	1.000	1.000
0154	611.2004	Manholes 4-FT Diameter	EACH	14.000	14.000
0156	611.2005	Manholes 5-FT Diameter	EACH	13.000	13.000
0158	611.2006	Manholes 6-FT Diameter	EACH	13.000	13.000
0160	611.2007	Manholes 7-FT Diameter	EACH	6.000	6.000
0162	611.2008	Manholes 8-FT Diameter	EACH	2.000	2.000
0164	611.3003	Inlets 3-FT Diameter	EACH	22.000	22.000
0166	611.3004	Inlets 4-FT Diameter	EACH	5.000	5.000
0168	611.3230	Inlets 2x3-FT	EACH	70.000	70.000
0170	611.3901	Inlets Median 1 Grate	EACH	8.000	8.000
0172	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	1,200.000	1,200.000
0174	612.0902.S	Insulation Board Polystyrene (inch) 01. 2-inch	SY	323.000	323.000
0176	618.0100	Maintenance And Repair of Haul Roads (project) 01. 6436-00-71	EACH	1.000	1.000
0178	619.1000	Mobilization	EACH	1.000	1.000
0180	621.0100	Landmark Reference Monuments	EACH	20.000	20.000
0182	624.0100	Water	MGAL	595.000	595.000
0184	625.0100	Topsoil	SY	51,472.000	51,472.000
0186	627.0200	Mulching	SY	2,000.000	2,000.000
0188	628.1504	Silt Fence	LF	3,625.000	3,625.000
0190	628.1520	Silt Fence Maintenance	LF	3,625.000	3,625.000
0192	628.1905	Mobilizations Erosion Control	EACH	6.000	6.000
0194	628.1910	Mobilizations Emergency Erosion Control	EACH	6.000	6.000
0196	628.2004	Erosion Mat Class I Type B	SY	5,726.000	5,726.000
0198	628.2008	Erosion Mat Urban Class I Type B	SY	45,816.000	45,816.000
0200	628.7005	Inlet Protection Type A	EACH	35.000	35.000

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Line	Item	Item Description	Unit	Total	Qty
0202	628.7015	Inlet Protection Type C	EACH	41.000	41.000
0204	628.7020	Inlet Protection Type D	EACH	43.000	43.000
0206	628.7504	Temporary Ditch Checks	LF	235.000	235.000
0208	628.7555	Culvert Pipe Checks	EACH	21.000	21.000
0210	628.7560	Tracking Pads	EACH	4.000	4.000
0212	628.7570	Rock Bags	EACH	50.000	50.000
0214	629.0210	Fertilizer Type B	CWT	32.000	32.000
0216	630.0140	Seeding Mixture No. 40	LB	929.000	929.000
0218	630.0200	Seeding Temporary	LB	500.000	500.000
0220	630.0500	Seed Water	MGAL	82.000	82.000
0222	633.5200	Markers Culvert End	EACH	2.000	2.000
0224	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	57.000	57.000
0226	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	6.000	6.000
0228	637.2210	Signs Type II Reflective H	SF	388.000	388.000
0230	637.2230	Signs Type II Reflective F	SF	46.000	46.000
0232	638.2602	Removing Signs Type II	EACH	79.000	79.000
0234	638.3000	Removing Small Sign Supports	EACH	88.000	88.000
0236	642.5201	Field Office Type C	EACH	1.000	1.000
0238	643.0300	Traffic Control Drums	DAY	39,100.000	39,100.000
0240	643.0420	Traffic Control Barricades Type III	DAY	19,046.000	19,046.000
0242	643.0705	Traffic Control Warning Lights Type A	DAY	24,828.000	24,828.000
0244	643.0715	Traffic Control Warning Lights Type C	DAY	4,250.000	4,250.000
0246	643.0900	Traffic Control Signs	DAY	22,100.000	22,100.000
0248	643.5000	Traffic Control	EACH	1.000	1.000
0250	645.0105	Geotextile Type C	SY	88.000	88.000
0252	645.0120	Geotextile Type HR	SY	88.000	88.000
0254	645.0135	Geotextile Type SR	SY	15,000.000	15,000.000
0256	646.1020	Marking Line Epoxy 4-Inch	LF	22,385.000	22,385.000
0258	646.5020	Marking Arrow Epoxy	EACH	39.000	39.000
0260	646.5120	Marking Word Epoxy	EACH	6.000	6.000
0262	646.5220	Marking Symbol Epoxy	EACH	39.000	39.000
0264	646.6120	Marking Stop Line Epoxy 18-Inch	LF	296.000	296.000
0266	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	1,827.000	1,827.000
0268	650.4000	Construction Staking Storm Sewer	EACH	163.000	163.000
0270	650.4500	Construction Staking Subgrade	LF	11,393.000	11,393.000
0272	650.5000	Construction Staking Base	LF	11,393.000	11,393.000
0274	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	19,620.000	19,620.000
0276	650.6000	Construction Staking Pipe Culverts	EACH	1.000	1.000
0278	650.6500	Construction Staking Structure Layout (structure) 01. B-70-100	LS	1.000	1.000

6436-00-71

Line	Item	Item Description	Unit	Total	Qty
0280	650.9000	Construction Staking Curb Ramps	EACH	51.000	51.000
0282	650.9910	Construction Staking Supplemental Control (project) 01. 6436-00-71	LS	1.000	1.000
0284	650.9920	Construction Staking Slope Stakes	LF	11,393.000	11,393.000
0286	661.0200	Temporary Traffic Signals for Intersections (location) 01. Leonard Point Rd / STH 21	LS	1.000	1.000
0288	690.0150	Sawing Asphalt	LF	2,937.000	2,937.000
0290	690.0250	Sawing Concrete	LF	474.000	474.000
0292	715.0502	Incentive Strength Concrete Structures	DOL	500.000	500.000
0294	740.0440	Incentive IRI Ride	DOL	3,536.000	3,536.000
0296	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,400.000	2,400.000
0298	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	2,100.000	2,100.000
0300	SPV.0060	Special 04. Storm Sewer Lateral Cleanout	EACH	15.000	15.000
0302	SPV.0090	Special 01. Concrete Curb and Gutter 24-Inch Type D	LF	35.000	35.000
0304	SPV.0090	Special 02. Storm Sewer Lateral 4-Inch	LF	652.000	652.000
0306	SPV.0090	Special 03. Storm Sewer Lateral 6-Inch	LF	10.000	10.000
0308	SPV.0090	Special 04. Concrete Curb and Gutter 24-Inch Type L	LF	25.000	25.000
0310	SPV.0105	Special 01. Temporary Water Diversion Structure B-70-0100	LS	1.000	1.000
0312	SPV.0105	Special 02. Management of Contaminated Groundwater	LS	1.000	1.000
0314	SPV.0165	Special 01. Thickened Edge Concrete Sidewalk	SF	114.000	114.000
0316	SPV.0165	Special 02. Concrete Retaining Curb	SF	20.000	20.000
0318	SPV.0195	Special 01. Excavation, Hauling, & Disposal of Contaminated Soil (Bioremediation)	TON	170.000	170.000
0320	SPV.0195	Special 02. Excavation, Hauling, & Disposal of Contaminated Soil (Direct Landfill)	TON	3,050.000	3,050.000

3

CLEARING AND GRUBBING

STATION	LOCATION	201.0105 CLEARING STA.	201.0120 CLEARING I.D.	201.0205 GRUBBING STA	201.0220 GRUBBING I.D.
17+00-18+00 LT.	OMRO RD		10		10
19+00-20+00 LT.	OMRO RD	1		1	
20+00-21+00 LT.	OMRO RD		6		6
22+00 - 23+00 RT.	OMRO RD	1		1	
23+00 - 25+00 LT. & RT.	OMRO RD	2		2	
26+00 - 35+00 LT. & RT.	OMRO RD	9		9	
36+00 - 45+00 LT. & RT.	OMRO RD	9		9	
49+00 - 52+00 LT. & RT.	OMRO RD	3		3	
53+00 - 54+00 RT.	OMRO RD	1		1	
55+00 - 67+00 LT. & RT.	OMRO RD	12		12	
68+00 - 71+00 LT. & RT.	OMRO RD	3		3	
73+00 - 79+00 LT. & RT.	OMRO RD	6		6	
81+00 - 90+00 LT. & RT.	OMRO RD	9		9	
91+00 - 97+00 LT. & RT.	OMRO RD	6		6	
98+00 99+00 RT.	OMRO RD		6		6
99+00 - 100+00 LT.	OMRO RD	1		1	
310+00 - 311+00 RT.	SHERRIN ST	1		1	
	PROJECT TOTALS	64	22	64	22

REMOVING CONCRETE PAVEMENT

204.0100

STATION TO STATION	LOCATION	S.Y.
10+10 to 103+50	OMRO ROAD	25,000
	PROJECT TOTAL	25,000

REMOVING SMALL PIPE CULVERTS

203.0100

STATION	LOCATION	EACH
13+81 RT	Omro Rd	1
16+29 RT	Omro Rd	1
17+18 LT	Omro Rd	1
18+17 LT	Omro Rd	1
18+71 LT	Omro Rd	1
19+36 RT	Omro Rd	1
20+09 LT	Omro Rd	1
21+01 RT	Omro Rd	1
21+67 LT	Welsh Haven Dr	1
21+90 LT	Omro Rd	1
22+14 LT	Welsh Haven Dr	1
22+22 RT	Omro Rd	1
23+87 RT	Omro Rd	2
23+87 LT	Omro Rd	1
25+48 RT	Omro Rd	1
26+29 RT	Cambria Ct	1
26+51 RT	Omro Rd	1
27+26 RT	Omro Rd	1
27+84 RT	Omro Rd	1
28+03	Omro Rd	1
28+31 LT	Snowdon Dr	1
28+54 LT	Omro Rd	1
28+59 RT	Omro Rd	1
28+79 LT	Snowdon Dr	1
29+03	Omro Rd	1
30+79 RT	Omro Rd	1
31+87 LT	Omro Rd	1
33+25 RT	Omro Rd	1
35+72 RT	Omro Rd	1
37+77 LT	Omro Rd	1
38+84 LT	Omro Rd	1
39+21 RT	Omro Rd	1
39+76 RT	Omro Rd	1
40+12 LT	Omro Rd	1
40+46 LT	Omro Rd	1
41+21 LT	Omro Rd	1
41+97 RT	Omro Rd	1
42+97 RT	Omro Rd	1
42+97 LT	Omro Rd	1
43+95 LT	Omro Rd	1

REMOVING SMALL PIPE CULVERTS

203.0100

STATION	LOCATION	EACH
45+08 RT	Omro Rd	1
45+32 LT	Omro Rd	1
46.93 LT	Omro Rd	1
47+18 RT	Omro Rd	1
50+12 RT	Omro Rd	1
50+75 LT	Omro Rd	1
51+50 LT	Omro Rd	1
51+69 RT	Omro Rd	1
52+33 LT	Omro Rd	1
53+20 RT	Omro Rd	1
53+68 LT	Omro Rd	1
54+31 LT	Omro Rd	1
54+50 RT	Omro Rd	1
55+54 RT	Omro Rd	1
55+78 LT	Omro Rd	1
57+31 LT	Omro Rd	1
57+87 RT	Omro Rd	1
58+35 LT	Omro Rd	1
58+84 RT	Omro Rd	1
59+72 RT	Omro Rd	1
60+41 RT	Omro Rd	1
60+98 RT	Omro Rd	1
63+21	Omro Rd	1
63+24 LT	Oakwood Rd	1
63+67	Omro Rd	1
63+25 LT	Omro Rd	1
65+25 LT	Omro Rd	1
66+32 LT	Omro Rd	1
67+11 LT	Omro Rd	1
67+17 RT	Omro Rd	1
68+05 LT	Omro Rd	1
68+98 RT	Omro Rd	1
71+92 LT	Omro Rd	1
73+89 LT	Omro Rd	1
74+97 LT	Omro Rd	1
75+66 LT	Omro Rd	1
76+65 LT	Omro Rd	1
78+48 LT	Omro Rd	1

REMOVING SMALL PIPE CULVERTS

203.0100

STATION	LOCATION	EACH
78+58 RT	Omro Rd	1
80+15 LT	Omro Rd	1
81+20 LT	Sherrin St	1
81+38 LT	Omro Rd	1
83+02 LT	Omro Rd	1
84+42 RT	Omro Rd	1
85+73 RT	Omro Rd	1
87+05 RT	Omro Rd	1
89+33 RT	Omro Rd	1
89+98 RT	Omro Rd	1
91+29 RT	Omro Rd	1
91+68 RT	Omro Rd	1
92+14 LT	Omro Rd	1
92+64 RT	Omro Rd	1
93+08 RT	Omro Rd	1
93+46 LT	Willow Springs Rd	1
93+92 LT	Willow Springs Rd	1
94+14 RT	Omro Rd	1
95+62 RT	Omro Rd	1
96+43	Omro Rd	1
97+36 LT	Willow Bend Ln	1
97+70 LT	Omro Rd	1
99+50 RT	Omro Rd	1
102+13 LT	Omro Rd	1
	PROJECT TOTAL	103

3

REMOVING CURB & GUTTER
204.0150

STATION	LOCATION	L.F.	COMMENTS
10+17 RT.	LEONARD PNT. RD	10	ON OMRO RD STA.
72+00 RT.	OMRO RD	30	DRIVEWAY CURB
99+50 RT.	OMRO RD	20	DRIVEWAY CURB
103+50 LT. & RT.	OMRO RD	110	
	PROJECT TOTAL	170	

REMOVING GUARDRAIL
204.0165

STATION	LOCATION	L.F.
48+50 - 50+40 LT & RT	OMRO RD	510
	PROJECT TOTAL	510

REMOVING FENCE
204.0170

STATION	LOCATION	L.F.
24+72 LT	OMRO ROAD	91
24+90 RT	OMRO ROAD	36
26+05 LT	OMRO ROAD	45
27+60 LT	OMRO ROAD	105
33+40 LT	OMRO ROAD	100
44+35 RT	OMRO ROAD	25
44+62 LT	OMRO ROAD	11
48+40 RT	OMRO ROAD	42
48+51 LT	OMRO ROAD	43
50+45 LT	OMRO ROAD	66
51+14 LT	OMRO ROAD	68
51+75 LT	OMRO ROAD	48
55+29 LT	OMRO ROAD	20
56+50 LT	OMRO ROAD	21
59+02 RT	OMRO ROAD	21
63+18 LT	OMRO ROAD	6
68+65 RT	OMRO ROAD	43
70+10 RT	OMRO ROAD	41
81+57 LT	OMRO ROAD	35
82+24 LT	OMRO ROAD	18
82+61 LT	OMRO ROAD	26
87+32 RT	OMRO ROAD	81
	PROJECT TOTAL	1042

REMOVING MANHOLES AND INLETS

STATION	LOCATION	204.0210 REMOVING MANHOLES EACH	204.0220 REMOVING INLETS EACH
24+50 LT	Omro Rd	1	
25+58 LT	Omro Rd		1
26+55 LT	Omro Rd		1
28+04 LT	Omro Rd	1	1
28+32 LT	Omro Rd	1	
28+32 LT	Snowdon Dr		1
82+35 RT	Omro Rd	1	
84+15 RT	Omro Rd	1	1
86+56 RT	Omro Rd		1
86+59 RT	Omro Rd	1	
90+41 RT	Omro Rd	1	
91+49 RT	Omro Rd		1
	PROJECT TOTALS	7	7

REMOVING STORM SEWER AND BACKFILL

STATION	LOCATION	204.0245.01 18-INCH OR LESS LF	204.0245.02 21 to 36-INCH LF	204.0245.03 42-INCH OR GREATER LF	209.2100 GRANULAR GRADE 2 CY
16+15 LT	Omro Rd	17			
24+36 LT	Omro Rd		28		40
24+50 LT to 28+04 LT	Omro Rd		354		450
25+58 LT	Omro Rd	9			5
26+55 LT	Omro Rd	10			5
28+03 LT	Omro Rd	10			5
28+03	Omro Rd	52			25
28+03 LT to 28+32 LT	Omro Rd		31		40
28+32 LT	Snowdon Dr	12			6
72+82 LT	Omro Rd	33			
82+00 RT	Omro Rd			17	
82+17 RT to 82+35 RT	Omro Rd		36		46
82+35 RT to 84+15 RT	Omro Rd			181	255
84+09	Omro Rd		44		45
84+15 RT	Omro Rd	9			5
84+15 RT to 86+59 RT	Omro Rd			244	345
86+58 RT	Omro Rd	8			5
86+59 RT to 90+41 RT	Omro Rd			382	585
90+41	Omro Rd			25	23
99+17 RT	Omro Rd	16			
PROJECT TOTALS		176	493	849	1885

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EARTHWORK SUMMARY

From/To Station	Location	Common Excavation (Item # 205.0100) Cut	Common Excavation (Item # 205.0100) EBS	Salvaged/Unusable Pavement Material	Available Material	Unexpanded Fill	*Expanded Fill Factor 1.33	Mass Ordinate +/-
10+06.37 - 103+51.79	OMRO ROAD	45,215		9,154	36,061	6,830	9,084	26,977
200+00 - 201+05.7	WELSH HAVEN DRIVE	315		97	218.25	42	55	163
209+09 - 210+00	CAMBRIA COURT	258		84	173.88	16	22	152
220+00 - 220+96.5	SNOWDON DRIVE	309		89	220.37	72	96	124
230+00 - 231+54	LAKE BREEZE ROAD	585		142	443	1	1	442
239+01 - 240+00	ELMHURST LANE	352		91	261	0	0	261
250+00 - 251+36	TAMMY ROAD	435		125	310	0	0	309
258+99.6 - 260+00	HONEY CREEK ROAD	177		92	85	1	1	84
270+00 - 271+07	VALLEY ROAD	212		98	114	2	3	111
279+16 - 280+85	OAKWOOD ROAD	480		155	325	114	152	173
289+01 - 290+00	RAN LIE STREET	228		91	137	2	3	134
290+00 - 291+00	OAKWOOD CIRCLE	256		92	164	0	0	164
300+00 - 301+14.5	SHEBOYGAN STREET	338		105	233	1	2	231
310+00 - 310+95.5	SHERRIN STREET	132		88	44	11	15	29
320+00 - 320+85	CONRAD STREET	169		78	91	2	3	89
328+02 - 330+00	WESTHAVEN DRIVE	980		90	890	0	0	890
330+00 - 330+81.5	KEWAUNEE STREET	258		75	183	0	0	183
340+00 - 341+20	WILLOWSPRINGS ROAD	411		110	301	22	29	272
350+00 - 350+92	WILLOW BEND LANE	243		85	0	43	57	-57
10+06.37 - 103+51.79	OMRO ROAD (UNDISTRIBUTED)		5,000	0				
Subtotal		51,353	5,000	10,941	40,254	7,159	9,522	30,733
Grand Total		56,353		10,941	40,254	7,159	9,522	30,733
	Total Common Excavation	**56,353**						

1 *EXPANSION FACTOR FOR FILL = 33%

2 MASS ORDINATE: POSITIVE QUANTITY INDICATES AN EXCESS OF MATERIAL ON THE PROJECT

3 UNDISTRIBUTED EBS(EXCAVATION BELOW SUBGRADE) VOLUME IS APPROXIMATED AND ARE NOT SHOWN ON THE CROSS SECTIONS. ACTUAL EBS LOCATIONS TO BE DETERMINED BY ENGINEER FOR UNSTABLE SOILS. EBS EXCAVATION IS NOT INCLUDED IN THE MASS ORDINATE.

4 EBS EXCAVATION TO BE BACKFILLED AS SHOWN ON THE PLAN DETAIL.

5 SALVAGED/UNUSEBLE MATERIAL INCLUDES THE EXISTING ASPHALT AND CONCRETE PAVEMENT.

FINISHING ROADWAY

PROJECT	213.0100 EACH
6436--00-71	1
PROJECT TOTAL	1

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BASE AGGREGATE AND BREAKER RUN

STATION TO STATION	LOCATION	305.0110 3/4-INCH TON	305.0120 1-1/4 INCH TON	311.0110 BREAKER RUN TON	645.0135 GEOTEXTILE FABRIC TYPE SR SY	REMARKS
10+06.37 - 103+51.79	OMRO ROAD	156	30050	--	--	3/4-INCH DRIVEWAYS & LEONARD PNT.
200+00 - 201+05.7	WELSH HAVEN DRIVE	--	180	--	--	--
209+09 - 210+00	CAMBRIA COURT	--	120	--	--	--
220+00 - 220+96.5	SNOWDON DRIVE	--	155	--	--	INCLUDES DRIVEWAYS
230+00 - 231+54	LAKE BREEZE ROAD	11	215	--	--	INCLUDES DRIVEWAYS
239+01 - 240+00	ELMHURST LANE	6	120	--	--	INCLUDES DRIVEWAYS
250+00 - 251+36	TAMMY ROAD	10	185	--	--	INCLUDES DRIVEWAYS
258+99.6 - 260+00	HONEY CREEK ROAD	8	260	--	--	INCLUDES DRIVEWAYS
270+00 - 271+07	VALLEY ROAD	8	120	--	--	--
279+16 - 280+85	OAKWOOD ROAD	4	370	--	--	INCLUDES DRIVEWAYS
289+01 - 290+00	RAN LIE STREET	8	110	--	--	--
290+00 - 291+00	OAKWOOD CIRCLE	8	115	--	--	--
300+00 - 301+14.5	SHEBOYGAN STREET	9	135	--	--	--
310+00 - 310+95.5	SHERRIN STREET	5	145	--	--	INCLUDES DRIVEWAYS
320+00 - 320+85	CONRAD STREET	5	80	--	--	--
328+02 - 330+00	WESTHAVEN DRIVE	12	360	--	--	INCLUDES DRIVEWAYS
330+00 - 330+81.5	KEWAUNEE STREET	5	75	--	--	--
340+00 - 341+20	WILLOWSPRINGS ROAD	1	210	--	--	INCLUDES DRIVEWAYS
350+00 - 350+92	WILLOW BEND LANE	4	125	--	--	INCLUDES DRIVEWAYS
10+06.37 - 103+51.79	DRIVEWAYS- OMRO ROAD	--	2680	--	--	--
10+06.37 - 103+51.79	SIDEWALKS- OMRO ROAD	--	1955	--	--	--
UNDISTRIBUTED EBS	--	--	--	10000	15000	--
	PROJECT TOTALS	260	37,765	10,000	15,000	

* ADDITIONAL QUANTITIES INCLUDED ELSEWHERE

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CONCRETE DRIVEWAYS

STATION	LOCATION	416.0160 6-INCH S.Y.	416.0180 8-INCH S.Y.
13+82 RT.	OMRO ROAD	-	40
16+32 RT.	OMRO ROAD	-	40
17+16 LT.	OMRO ROAD	80	-
18+17 LT.	OMRO ROAD	31	-
18+71 LT.	OMRO ROAD	72	-
19+36 RT.	OMRO ROAD	43	-
20+13 LT.	OMRO ROAD	117	-
21+03 RT.	OMRO ROAD	37	-
22+34 RT.	OMRO ROAD	25	-
23+86 RT.	OMRO ROAD	22	-
25+30 LT.	OMRO ROAD	62	-
25+50 RT.	OMRO ROAD	125	-
25+75 LT.	OMRO ROAD	120	-
26+80 LT.	OMRO ROAD	95	-
27+25 RT.	OMRO ROAD	87	-
27+84 RT.	OMRO ROAD	87	-
28+60 RT.	OMRO ROAD	42	-
30+80 RT.	OMRO ROAD	22	-
32+86 RT.	OMRO ROAD	22	-
33+25 RT.	OMRO ROAD	26	-
37+75 LT.	OMRO ROAD	46	-
38+83 LT.	OMRO ROAD	46	-
39+22 RT.	OMRO ROAD	32	-
39+75 RT.	OMRO ROAD	22	-
40+10 LT.	OMRO ROAD	67	-
40+46 LT.	OMRO ROAD	29	-
41+20 LT.	OMRO ROAD	35	-
42+00 RT.	OMRO ROAD	34	-
42+95 RT.	OMRO ROAD	24	-
43+93 LT.	OMRO ROAD	22	-
45+33 LT.	OMRO ROAD	28	-
47+19 RT.	OMRO ROAD	-	52
50+15 RT.	OMRO ROAD	22	-
50+80 LT.	OMRO ROAD	22	-
51+50 LT.	OMRO ROAD	22	-
51+70 RT.	OMRO ROAD	43	-
52+34 LT.	OMRO ROAD	50	-
53+14 RT.	OMRO ROAD	28	-
53+70 LT.	OMRO ROAD	-	55
54+30 LT.	OMRO ROAD	53	-
54+50 RT.	OMRO ROAD	88	-
55+55 RT.	OMRO ROAD	150	-

CONCRETE DRIVEWAYS

STATION	LOCATION	416.0160 6-INCH S.Y.	416.0180 8-INCH S.Y.
55+80 LT.	OMRO ROAD	60	-
57+30 LT.	OMRO ROAD	31	-
57+86 RT.	OMRO ROAD	21	-
58+35 LT.	OMRO ROAD	29	-
58+83 RT.	OMRO ROAD	77	-
59+70 RT.	OMRO ROAD	21	-
60+50 RT.	OMRO ROAD	26	
61+00 RT.	OMRO ROAD	66	-
65+25 LT.	OMRO ROAD	39	-
66+30 LT.	OMRO ROAD	21	-
68+05 LT.	OMRO ROAD	21	-
69+00 RT.	OMRO ROAD	36	-
69+50 LT.	OMRO ROAD	21	-
70+50 RT.	OMRO ROAD	21	-
71+95 LT.	OMRO ROAD	45	-
72+00 RT.	OMRO ROAD	53	-
73+88 LT.	OMRO ROAD	-	55
75+67 LT.	OMRO ROAD	-	52
76+62 LT.	OMRO ROAD	-	50
78+66 RT.	OMRO ROAD	20	-
80+15 LT.	OMRO ROAD	44	-
80+86 RT.	OMRO ROAD	-	205
83+43 RT.	OMRO ROAD	29	-
84+37 RT.	OMRO ROAD	21	-
85+75 RT.	OMRO ROAD	22	-
85+92 LT.	OMRO ROAD	20	-
88+55 RT.	OMRO ROAD	21	-
89+33 RT.	OMRO ROAD	21	-
90+00 RT.	OMRO ROAD	53	-
90+34 LT.	OMRO ROAD	42	-
90+86 LT.	OMRO ROAD	109	-
91+50 RT.	OMRO ROAD	86	-
92+16 LT.	OMRO ROAD	77	-
92+72 RT.	OMRO ROAD	31	-
93+10 RT.	OMRO ROAD	30	-
94+15 RT.	OMRO ROAD	52	-
95+60 RT.	OMRO ROAD	53	-
98+32 RT.	OMRO ROAD	-	43
99+50 RT.	OMRO ROAD	45	-
102+17 LT.	OMRO ROAD	52	-
231+40 LT.	OAKWOOD ROAD	-	72
	PROJECT TOTALS	3394	664

DRILLED TIE BARS

STATION	LOCATION	416.0610 EACH	REMARKS
10+17 RT.	OMRO ROAD	2	CURB TIE
71+95LT.	OMRO ROAD	4	CURB TIE
72+00 RT.	OMRO ROAD	4	CURB TIE
99+50 RT.	OMRO ROAD	4	CURB TIE
103+78 LT./RT	OMRO ROAD	4	CURB TIE
	PROJECT TOTALS	18	

ASPHALTIC FLUMES

465.0315

STATION TO STATION	LOCATION	S.Y.
35+52 RT	OMRO ROAD	8
42+77 LT	OMRO ROAD	7
44+89 RT	OMRO ROAD	6
45+26 RT	OMRO ROAD	6
46+76 LT	OMRO ROAD	6
47+08 LT	OMRO ROAD	5
63+26 RT	OMRO ROAD	6
63+62 RT	OMRO ROAD	6
63+62 LT	OMRO ROAD	6
74+76 RT	OMRO ROAD	6
74+78 LT	OMRO ROAD	6
84+10 LT	OMRO ROAD	4
84+40 LT	OMRO ROAD	4
87+35 LT	OMRO ROAD	6
	PROJECT TOTAL	83

ASPHALTIC ITEMS

STATION TO STATION	LOCATION	455.0605 TACK COAT GAL	460.5223 HMA PAVEMENT 3 LT. 58-28 S TONS	460.5224 HMA PAVEMENT 4 LT. 58-28 S TONS	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TONS	REMARKS
10+06.37 - 103+51.79	OMRO ROAD	2350	5925	4740	-	MAINLINE/SIDEROADS
10+06.37 - 103+51.79	OMRO ROAD	-	-	-	850	DRIVEWAYS
	PROJECT TOTALS	2350	5925	4740	850	

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STORM SEWER STRUCTURES (ENDWALLS)

STRUCTURE	STATION	OFFSET*	LOCATION	522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH EACH	522.1015 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 15-INCH EACH	522.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	522.2614 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 14X23-INCH EACH	522.2619 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 19X30-INCH EACH	522.2624 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 24X38-INCH EACH	633.5200 MARKERS CULVERT END EACH	650.4000 ** CONSTRUCTION STAKING STORM SEWER EACH	INVERT ELEVATION
B1	24+20.02	41.03' LT	OMRO RD			1					1	778.15
E1	63+21.90	36.81' RT	OMRO RD						1		1	770.16
E3	63+23.85	161.33' LT	OMRO RD						1		1	768.28
E4	63+66.93	36.61' RT	OMRO RD						1	1	1	770.16
E5	63+67.14	37.39' LT	OMRO RD						1	1	1	769.76
G7.2	81+19.98	94.39' LT	OMRO RD		1						1	761.94
G7.4	81+48.99	83.94' LT	OMRO RD	1							1	760.87
H1.1	95+26.15	34.97' RT	OMRO RD				1				1	755.00
H3.1	97+88.00	35.00' LT	OMRO RD	1							1	754.67
H6	103+69.41	70.83' LT	OMRO RD					1			1	751.45
			TOTALS	2	1	1	1	1	4	2	10	

REMARKS
* STATIONS AND OFFSETS ARE TO END OF PIPE
** ADDITIONAL QUANTITIES INCLUDED ELSEWHERE

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STORM SEWER PIPES

FROM	-	TO	LOCATION	521.3742 * PIPE ARCH CORRUGATED STEEL 42X29-INCH LF	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH LF	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	608.0342 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 42-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.0436 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 36-INCH LF	608.0442 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 42-INCH LF	608.0448 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 48-INCH LF	608.2414 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 14X23-INCH LF	608.2419 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 19X30-INCH LF	608.2424 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24X38-INCH LF	608.3015 STORM SEWER PIPE CLASS III-A 15-INCH LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE %
A1	-	A2	OMRO RD		274																	780.01	777.27	1.00%
A1.1	-	A1.2	OMRO RD								61											781.35	780.60	1.23%
A1.2	-	A1	OMRO RD								23											780.60	780.26	1.48%
A1.3	-	A1	OMRO RD							20												781.30	780.51	3.95%
A2	-	A3	OMRO RD			310																776.77	775.84	0.30%
A2.1	-	A2	OMRO RD							18												778.06	777.71	1.94%
A2.2	-	A2	OMRO RD							18												778.06	777.71	1.94%
A3	-	A4	OMRO RD			90																775.84	775.57	0.30%
A3.1	-	A3.2	OMRO RD		29																	776.50	776.20	1.03%
A3.2	-	A3	OMRO RD		18																	776.20	775.89	1.72%
A3.3	-	A3	OMRO RD							18												777.13	776.81	1.78%
A4	-	A5	OMRO RD			100																775.57	775.27	0.30%
A4.1	-	A4	OMRO RD							38												777.25	776.50	1.97%
A4.2	-	A4	OMRO RD							55												776.65	776.00	1.18%
A5	-	A6	OMRO RD			200																775.27	774.68	0.30%
A5.1	-	A5	OMRO RD							38												777.20	776.50	1.84%
A6	-	A8	OMRO RD			174																774.68	774.16	0.30%
A6.1	-	A6.2	OMRO RD							20												776.75	776.50	1.25%
A6.2	-	A6	OMRO RD							17												776.46	776.11	2.06%
A6.3	-	A6	OMRO RD							17												776.46	776.11	2.06%
A7	-	A8	OMRO RD									386										774.80	773.66	0.30%
A7.1	-	A7.2	OMRO RD							68												775.55	775.20	0.51%
A7.2	-	A7	OMRO RD							18												775.20	774.90	1.67%
A7.3	-	A7.4	OMRO RD							33												775.12	774.99	0.39%
A7.4	-	A7	OMRO RD							18												774.99	774.90	0.50%
A8	-	EXIST	OMRO RD				33															773.66	773.59	0.21%
A8.1	-	A8.2	OMRO RD							72												776.64	775.94	0.97%
A8.2	-	A8	OMRO RD							18												775.94	775.59	1.94%
A8.3	-	A8	OMRO RD							31												776.36	775.74	2.00%
B1	-	B2	OMRO RD											36								775.90	774.10	5.00%
B2	-	B3	OMRO RD					363														771.25	770.16	0.30%
B3	-	B4	OMRO RD					39														770.16	770.04	0.31%
EXIST	-	B3	OMRO RD									5										773.18	773.16	0.40%
B3.1	-	B3	OMRO RD							7												774.14	774.00	2.00%
B4	-	B5	OMRO RD						313													770.04	769.10	0.30%
B4.2	-	B4.5	OMRO RD									55										773.25	772.70	1.00%
B4.3	-	B4.4	OMRO RD									58										771.40	770.82	1.00%
B4.4	-	B4.5	OMRO RD									37										770.82	770.45	1.00%
B4.5	-	B4	OMRO RD		29																	770.45	770.04	1.41%
B4.6	-	B4.7	OMRO RD							26												774.40	774.27	0.50%
B4.7	-	B4	OMRO RD							36												774.27	773.90	1.03%
B5	-	B5A	OMRO RD						381													769.10	767.96	0.30%
B5	-	B5.4	OMRO RD							29												772.79	772.20	2.03%
B5.1	-	B5	OMRO RD							9												773.29	773.19	1.11%
B5.2	-	B5.3	OMRO RD								45											771.50	771.00	1.11%

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STORM SEWER PIPES

FROM - TO	LOCATION	521.3742 * PIPE ARCH CORRUGATED STEEL 42X29-INCH LF	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH LF	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	608.0342 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 42-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.0436 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 36-INCH LF	608.0442 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 42-INCH LF	608.0448 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 48-INCH LF	608.2414 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 14X23-INCH LF	608.2419 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 19X30-INCH LF	608.2424 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24X38-INCH LF	608.3015 STORM SEWER PIPE CLASS III-A 15-INCH LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE %
B5.3 - B5	OMRO RD		35																	771.00	770.75	0.71%
B5A - B6	OMRO RD						53													767.96	767.80	0.30%
B6 - EXIST	OMRO RD						56													767.80	767.69	0.20%
B6.1 - B6	OMRO RD							11												771.32	771.11	1.91%
B6.2 - 42" RCP	OMRO RD							29												771.50	769.19	7.97%
C1 - C2	OMRO RD		410																	770.00	767.54	0.60%
C1.1 - C1.2	OMRO RD							20												770.62	770.42	1.00%
C1.2 - C1	OMRO RD							12												770.42	770.00	3.50%
C1.3 - C1.4	OMRO RD							20												770.62	770.42	1.00%
C1.4 - C1	OMRO RD							30												770.42	770.00	1.40%
C2 - C3	OMRO RD			201																767.04	764.90	1.06%
C2.1 - C2.2	OMRO RD							50												768.50	768.30	0.40%
C2.2 - C2	OMRO RD								34											768.30	768.10	0.59%
C2.3 - C2	OMRO RD							12												769.50	769.30	1.67%
C2.4 - C2	OMRO RD							30												769.50	769.00	1.67%
C3 - C4	OMRO RD			254																764.90	762.20	1.06%
C3.1 - C3	OMRO RD							8												766.17	765.90	3.37%
C3.2 - C3	OMRO RD							28												766.41	765.90	1.82%
C4 - C5	OMRO RD		48																	762.20	761.50	1.46%
C4.1 - C4.2	OMRO RD							30												763.92	762.50	4.73%
C4.2 - C4.3	OMRO RD								45											762.50	762.35	0.33%
C4.3 - C4	OMRO RD								35											762.35	762.20	0.43%
C5 - C5	OMRO RD		71																	761.50	760.00	2.11%
C5.1 - C5.2	OMRO RD							20												763.25	763.10	0.75%
C5.2 - C5.4	OMRO RD							35												763.10	762.75	1.00%
C5.3 - C5.4	OMRO RD							20												763.25	763.00	1.25%
C5.4 - C5	OMRO RD								11											762.50	762.25	2.27%
D1 - D2	OMRO RD								110											766.54	765.99	0.50%
D1.1 - D1	OMRO RD								40											766.74	766.54	0.50%
D2 - D3	OMRO RD		135																	765.99	765.58	0.30%
D2.1 - D2.2	OMRO RD							23												766.50	766.30	0.87%
D2.2 - D2	OMRO RD							18												766.30	765.99	1.72%
D2.3 - D2	OMRO RD								18											766.30	765.99	1.72%
D3 - D4	OMRO RD		249																	765.58	764.83	0.30%
D3.1 - D3	OMRO RD							45												766.50	766.00	1.11%
D4 - D5	OMRO RD			241																764.33	763.61	0.30%
D4.1 - D4.3	OMRO RD							10												766.20	766.10	1.00%
D4.2 - D4.3	OMRO RD							61												766.25	766.10	0.25%
D4.3 - D4	OMRO RD								17											766.10	765.83	1.59%
D4.4 - D4.5	OMRO RD							10												765.20	765.10	1.00%
D4.5 - D4	OMRO RD								18											765.10	764.83	1.50%
D5 - D6	OMRO RD			305																763.61	762.69	0.30%
D5.1 - D5	OMRO RD							55												765.25	764.50	1.36%
D5.2 - D5	OMRO RD							42												765.90	765.00	2.14%
D6 - EXIST	OMRO RD			33																762.69	762.59	0.30%

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STORM SEWER PIPES

FROM - TO	LOCATION	521.3742 * PIPE ARCH CORRUGATED STEEL 42X29-INCH LF	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH LF	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	608.0342 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 42-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.0436 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 36-INCH LF	608.0442 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 42-INCH LF	608.0448 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 48-INCH LF	608.2414 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 14X23-INCH LF	608.2419 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 19X30-INCH LF	608.2424 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24X38-INCH LF	608.3015 STORM SEWER PIPE CLASS III-A 15-INCH LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE %
D6.1 - D6	OMRO RD							40												766.00	765.50	1.25%
E1 - E2	OMRO RD																	156		767.85	766.37	0.95%
E2 - E3	OMRO RD																	42		766.37	765.97	0.95%
E2.1 - E2	OMRO RD							14												766.50	766.37	0.93%
E4 - E5	OMRO RD																	74		767.85	767.45	0.54%
F1.1 - F1.2	OMRO RD							35												764.80	764.40	1.14%
F1.2 - F1	OMRO RD								43											764.40	763.50	2.09%
F1.3 - F1.4	OMRO RD							33												765.00	764.50	1.52%
F1.4 - F1	OMRO RD							34												764.50	764.00	1.47%
F2 - F1	OMRO RD		58																	762.94	762.71	0.40%
F3 - F2	OMRO RD		440																	764.70	762.94	0.40%
F3.1 - F3	OMRO RD							20												764.90	764.70	1.00%
F3.2 - F3	OMRO RD							20												764.90	764.70	1.00%
EXIST - G1	OMRO RD				22															761.69	761.60	0.41%
G1 - G2	OMRO RD				446															761.60	759.82	0.40%
EXIST - G2	OMRO RD																		63	765.50	764.00	2.38%
G10 - G11	OMRO RD													92						753.47	753.24	0.25%
G10.1 - G10.2	OMRO RD							10												755.61	755.50	1.10%
G10.2 - G10	OMRO RD							17												755.50	755.25	1.47%
G10.3 - G10.5	OMRO RD							10												755.61	755.40	2.10%
G10.4 - G10.5	OMRO RD								27											755.15	754.80	1.30%
G10.5 - G10	OMRO RD									18										754.70	754.40	1.67%
G11 - G14	OMRO RD													286						753.24	752.52	0.25%
G11.1 - G11	OMRO RD							17												755.90	755.70	1.18%
G11.2 - G11	OMRO RD							18												755.90	755.70	1.11%
G12 - G13	OMRO RD										94									753.85	753.57	0.30%
G12.1 - G12.2	OMRO RD							30												754.46	754.10	1.20%
G12.2 - G12	OMRO RD							19												754.10	753.85	1.32%
G12.3 - G12.4	OMRO RD									32										754.40	754.15	0.78%
G12.4 - G12	OMRO RD									31										754.15	753.85	0.97%
G13 - G14	OMRO RD		190																	753.57	753.00	0.30%
EXIST - G14	OMRO RD													3						752.52	752.51	0.33%
G13.1 - G13	OMRO RD							40												756.00	755.20	2.00%
G2 - G3	OMRO RD					179														759.32	758.69	0.35%
G3 - G4	OMRO RD					239														758.69	757.85	0.35%
G3.1 - G3.2	OMRO RD							56												762.97	762.86	0.20%
G3.2 - G3.3	OMRO RD								29											762.86	762.80	0.21%
G3.3 - G3	OMRO RD								18											762.80	762.50	1.67%
G3.4 - G3	OMRO RD							18												763.57	763.15	2.33%
G4 - G5	OMRO RD					110														757.85	757.47	0.35%
G4.1 - G4	OMRO RD							40												761.40	761.00	1.00%
G5 - G6	OMRO RD					150														757.47	756.94	0.35%
G5.1 - G5.2	OMRO RD							31												761.38	761.05	1.06%
G5.2 - G5	OMRO RD							17												761.05	760.85	1.18%
G5.3 - G5	OMRO RD							18												761.02	760.84	1.00%

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STORM SEWER PIPES

FROM	-	TO	LOCATION	521.3742 * PIPE ARCH CORRUGATED STEEL 42X29-INCH LF	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH LF	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	608.0342 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 42-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.0436 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 36-INCH LF	608.0442 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 42-INCH LF	608.0448 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 48-INCH LF	608.2414 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 14X23-INCH LF	608.2419 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 19X30-INCH LF	608.2424 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24X38-INCH LF	608.3015 STORM SEWER PIPE CLASS III-A 15-INCH LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE %
G6	-	G7	OMRO RD					175														756.94	756.32	0.35%
G6.1	-	G6	OMRO RD							40												760.35	759.95	1.00%
G7	-	G8	OMRO RD											75								756.32	756.06	0.35%
G7.1	-	G7.3	OMRO RD							31												759.00	758.60	1.29%
G7.2	-	G7.3	OMRO RD								55											760.50	758.60	3.45%
G7.3	-	G7.5	OMRO RD								13											758.60	758.40	1.54%
G7.4	-	G7.5	OMRO RD							47												759.70	758.40	2.77%
G7.5	-	G7	OMRO RD								39											758.40	757.50	2.31%
G7.6	-	G7	OMRO RD							18												758.60	758.32	1.56%
G8	-	G9	OMRO RD													180						755.56	754.93	0.35%
G8.1	-	G8	OMRO RD											34								756.65	756.06	1.74%
G8.1A	-	G8.1	OMRO RD	15																		758.83	757.50	8.87%
G9	-	G10	OMRO RD													273						754.93	753.97	0.35%
G9.1	-	G9	OMRO RD							18												757.12	756.94	1.00%
G9.2	-	G9	OMRO RD							18												757.12	756.94	1.00%
H1	-	H2	OMRO RD																	89		751.23	751.05	0.20%
H1.1	-	H1	OMRO RD															68				755.00	751.23	5.54%
H1.2	-	H1	OMRO RD							40												751.70	751.23	1.18%
H2	-	H3	OMRO RD																	50		751.05	750.95	0.20%
H2.1	-	H2	OMRO RD							37												752.25	751.63	1.68%
H3	-	H4	OMRO RD																	223		750.95	750.50	0.20%
H3.1	-	H3.2	OMRO RD							19												753.50	752.00	7.89%
H3.2	-	H3.3	OMRO RD							71												751.81	751.20	0.86%
H3.3	-	H3	OMRO RD							17												751.20	751.00	1.18%
H3.4	-	H3	OMRO RD							18												751.15	751.00	0.83%
H4	-	H5	OMRO RD																	232		750.50	750.03	0.20%
H4.1	-	H4	OMRO RD							61												752.80	751.50	2.13%
H5	-	H6	OMRO RD																	216		750.03	749.60	0.20%
H5.1	-	H5	OMRO RD							18												750.39	750.25	0.78%
H5.2	-	H5	OMRO RD							18												750.39	750.25	0.78%
			TOTALS	15	1264	2051	1080	1255	803	2251	681	622	130	109	453	381	68	810	272	63			

* MINIMUM WALL THICKNESS = 0.064"

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STORM SEWER STRUCTURES (INLETS AND MANHOLES)

STRUCTURE	STATION	OFFSET*	LOCATION	611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0666 INLET COVERS TYPE Z EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH	611.2008 MANHOLES 8-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	650.4000 **** CONSTRUCTION STAKING STORM SEWER EACH	RIM ELEVATION	INVERT** ELEVATION	DEPTH*** FT
A1	10+75.00	0.00' RT	OMRO RD	1						1									1	785.23	780.01	4.19
A1.1	10+22.00	65.00' LT	OMRO RD					1										1	1	785.35	781.35	4.19
A1.2	10+60.00	17.50' LT	OMRO RD			1											1		1	785.48	780.60	4.07
A1.3	10+65.00	17.50' RT	OMRO RD			1											1		1	785.30	781.30	3.17
A2	13+50.00	0.00' RT	OMRO RD	1						1									1	782.38	776.77	4.62
A2.1	13+50.00	17.50' LT	OMRO RD			1											1		1	782.06	778.06	3.17
A2.2	13+50.00	17.50' RT	OMRO RD			1											1		1	782.06	778.06	3.17
A3	16+60.02	0.00' RT	OMRO RD	1							1								1	781.45	775.84	4.62
A3.1	16+39.00	37.00' LT	OMRO RD					1										1	1	780.00	776.50	3.71
A3.2	16+60.00	17.50' LT	OMRO RD				1										1		1	781.13	776.20	4.14
A3.3	16+60.00	17.50' RT	OMRO RD				1										1		1	781.13	777.13	3.17
A4	17+50.00	0.00' RT	OMRO RD	1							1								1	781.68	775.57	5.12
A4.1	17+50.00	37.96' LT	OMRO RD		1										1				1	780.75	777.25	2.43
A4.2	17+34.00	53.00' RT	OMRO RD		1										1				1	780.15	776.65	2.43
A5	18+50.00	0.00' RT	OMRO RD	1						1									1	781.38	775.27	5.12
A5.1	18+50.00	37.99' LT	OMRO RD		1										1				1	780.70	777.20	2.43
A6	20+50.00	0.00' RT	OMRO RD	1						1									1	780.78	774.68	5.11
A6.1	20+50.00	37.99' LT	OMRO RD		1										1				1	780.25	776.75	2.43
A6.2	20+50.00	17.50' LT	OMRO RD			1											1		1	780.46	776.46	3.17
A6.3	20+50.00	17.50' RT	OMRO RD			1											1		1	780.46	776.46	3.17
A7	26+09.99	0.00' LT	OMRO RD	1						1									1	779.10	774.80	3.27
A7.1	25+50.00	40.00' LT	OMRO RD		1										1				1	778.80	775.55	2.18
A7.2	26+14.00	17.50' LT	OMRO RD			1											1		1	778.77	775.20	2.73
A7.3	26+38.07	39.50' RT	OMRO RD				1										1		1	778.62	775.12	2.67
A7.4	26+14.02	17.50' RT	OMRO RD			1											1		1	778.76	774.99	2.94
A8	22+24.13	0.00' RT	OMRO RD	1									1						1	780.26	773.66	5.57
A8.1	21+54.00	17.50' LT	OMRO RD				1										1		1	780.14	776.64	2.67
A8.2	22+26.00	17.50' LT	OMRO RD			1											1		1	779.94	775.94	3.17
A8.3	22+50.00	17.50' RT	OMRO RD			1											1		1	779.86	776.36	2.67
B2	24+40.00	11.00' LT	OMRO RD	1								1							1	779.39	771.25	7.23
B3	28+03.37	11.00' LT	OMRO RD	1									1						1	778.30	770.16	7.23
B3.1	28+03.37	17.50' LT	OMRO RD			1											1		1	778.20	774.14	3.23
B4	28+42.20	11.00' LT	OMRO RD	1									1						1	778.18	770.04	7.15
B4.2	28+30.61	92.92' LT	OMRO RD		1											1			1	777.25	773.25	2.97
B4.3	28+78.80	97.99' LT	OMRO RD		1											1			1	775.17	771.40	2.74
B4.4	28+78.80	39.53' LT	OMRO RD		1											1			1	778.00	770.82	6.15
B4.5	28+42.21	39.53' LT	OMRO RD				1									1			1	777.98	770.45	6.78
B4.6	28+07.00	39.95' RT	OMRO RD		1										1				1	777.90	774.40	2.43
B4.7	28+20.02	17.50' RT	OMRO RD			1											1		1	778.15	774.27	3.05
B5	31+55.00	11.00' LT	OMRO RD	1									1						1	776.86	769.10	6.89
B5.1	31+48.30	17.50' LT	OMRO RD				1										1		1	776.79	773.29	2.67
B5.2	32+07.00	45.00' LT	OMRO RD		1										1				1	775.00	771.50	2.45
B5.3	31+62.24	45.03' LT	OMRO RD		1											1			1	775.25	771.00	3.20
B5.4	31+48.30	17.50' RT	OMRO RD			1											1		1	776.79	772.79	3.17
B6	35+89.00	11.00' LT	OMRO RD	1										1					1	775.44	767.80	6.78

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STORM SEWER STRUCTURES (INLETS AND MANHOLES)

STRUCTURE	STATION	OFFSET*	LOCATION	611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0666 INLET COVERS TYPE Z EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH	611.2008 MANHOLES 8-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	650.4000 **** CONSTRUCTION STAKING STORM SEWER EACH	RIM ELEVATION	INVERT** ELEVATION	DEPTH*** FT
B6.1	35+98.00	17.50' LT	OMRO RD			1											1		1	775.32	771.32	3.16
B6.2	35+36.13	17.50' RT	OMRO RD			1											1		1	775.50	771.50	3.17
C1	38+60.00	11.00' LT	OMRO RD	1						1									1	774.90	770.00	3.87
C1.1	38+30.00	17.50' LT	OMRO RD				1										1		1	774.62	770.62	3.17
C1.2	38+50.00	17.50' LT	OMRO RD				1										1		1	774.56	770.42	3.31
C1.3	38+29.98	17.50' RT	OMRO RD				1										1		1	774.62	770.62	3.17
C1.4	38+50.00	17.50' RT	OMRO RD				1										1		1	774.56	770.42	3.31
C2	42+70.01	11.00' LT	OMRO RD	1								1							1	773.48	767.04	5.45
C2.1	43+20.00	45.00' LT	OMRO RD		1										1				1	771.75	768.50	2.18
C2.2	42+70.00	45.00' LT	OMRO RD		1										1				1	772.00	768.30	2.63
C2.3	42+60.12	17.50' LT	OMRO RD			1											1		1	773.51	769.50	3.18
C2.4	42+60.12	17.50' RT	OMRO RD			1											1		1	773.53	769.50	3.20
C3	44+71.23	11.00' LT	OMRO RD	1							1								1	770.52	764.90	4.63
C3.1	44+66.23	17.50' LT	OMRO RD			1											1		1	770.42	766.17	3.42
C3.2	44+71.23	17.50' RT	OMRO RD			1											1		1	770.41	766.41	3.17
C4	47+25.00	11.00' LT	OMRO RD	1							1								1	767.43	762.20	4.24
C4.1	46+57.69	17.50' LT	OMRO RD			1											1		1	767.92	763.92	3.17
C4.2	46+70.00	45.00' LT	OMRO RD		1										1				1	766.00	762.50	2.43
C4.3	47+15.00	45.00' LT	OMRO RD		1										1				1	765.90	762.35	2.50
C5	47+69.72	28.43' LT	OMRO RD	1								1							1	767.08	761.50	4.59
C5.1	47+89.72	17.50' RT	OMRO RD				1										1		1	767.25	763.25	3.16
C5.2	47+69.72	17.50' RT	OMRO RD				1										1		1	767.22	763.10	3.29
C5.3	47+89.72	17.50' LT	OMRO RD				1										1		1	767.25	763.25	3.17
C5.4	47+69.72	17.50' LT	OMRO RD				1										1		1	767.22	762.50	3.91
D1	54+15.00	0.00' RT	OMRO RD	1						1									1	771.00	766.54	3.41
D1.1	54+14.91	40.00' RT	OMRO RD		1										1				1	770.75	766.74	2.96
D2	55+25.01	0.00' RT	OMRO RD	1						1									1	770.66	765.99	3.60
D2.1	55+25.00	40.00' LT	OMRO RD		1										1				1	770.00	766.50	2.43
D2.2	55+25.00	17.50' LT	OMRO RD			1											1		1	770.34	766.30	3.21
D2.3	55+25.00	17.50' RT	OMRO RD			1											1		1	770.34	766.30	3.23
D3	56+60.00	0.00' RT	OMRO RD	1						1									1	770.25	765.58	3.68
D3.1	56+60.00	45.00' LT	OMRO RD		1										1				1	770.00	766.50	2.43
D4	59+09.00	0.00' RT	OMRO RD	1							1								1	769.56	764.33	4.28
D4.1	58+99.00	17.50' LT	OMRO RD				1										1		1	769.24	766.20	2.21
D4.2	59+69.00	25.50' LT	OMRO RD				1										1		1	769.22	766.25	2.14
D4.3	59+09.00	17.50' LT	OMRO RD				1										1		1	769.32	766.10	2.40
D4.4	58+99.00	17.50' RT	OMRO RD				1										1		1	769.24	765.20	3.21
D4.5	59+09.00	17.50' RT	OMRO RD				1										1		1	769.24	765.10	3.33
D5	61+50.00	0.00' RT	OMRO RD	1							1								1	770.70	763.61	6.14
D5.1	61+25.00	49.00' LT	OMRO RD		1										1				1	768.75	765.25	2.43
D5.2	61+61.67	39.97' RT	OMRO RD		1										1				1	769.40	765.90	2.43
D6	64+55.00	0.00' RT	OMRO RD	1								1							1	770.99	762.69	7.35
D6.1	64+55.00	40.00' LT	OMRO RD		1										1				1	769.50	766.00	2.43
E2	63+23.43	119.23' LT	OMRO RD	1								1							1	770.17	766.37	2.88
E2.1	63+09.37	119.37' LT	OMRO RD					1							1				1	769.50	766.50	2.08

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STORM SEWER STRUCTURES (INLETS AND MANHOLES)

STRUCTURE	STATION	OFFSET*	LOCATION	611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0666 INLET COVERS TYPE Z EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH	611.2008 MANHOLES 8-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	650.4000 **** CONSTRUCTION STAKING STORM SEWER EACH	RIM ELEVATION	INVERT** ELEVATION	DEPTH*** FT
F1.1	67+29.00	17.50' LT	OMRO RD				1										1		1	768.89	764.80	3.25
F1.2	67+29.00	17.50' RT	OMRO RD				1										1		1	768.89	764.40	3.66
F1.3	68+29.99	44.46' RT	OMRO RD			1											1		1	768.65	765.00	2.82
F1.4	67+96.99	44.54' RT	OMRO RD				1										1		1	768.50	764.50	3.17
F2	68+00.00	0.00' RT	OMRO RD	1						1									1	769.37	762.94	5.40
F3	72+40.00	0.00' RT	OMRO RD	1						1									1	768.80	764.70	3.07
F3.1	72+50.00	17.50' LT	OMRO RD			1											1		1	768.45	764.90	2.72
F3.2	72+50.00	17.50' RT	OMRO RD			1											1		1	768.45	764.90	2.72
G1	68+36.04	11.10' RT	OMRO RD	1								1							1	769.26	761.60	6.71
G2	72+81.99	11.00' RT	OMRO RD	1								1							1	768.46	759.32	8.23
G3	74+61.00	0.00' RT	OMRO RD	1								1							1	767.88	758.69	8.28
G3.1	75+28.00	45.00' LT	OMRO RD					1										1	1	765.40	762.97	2.60
G3.2	74+71.81	45.00' LT	OMRO RD					1										1	1	765.50	762.86	2.81
G3.3	74+61.59	17.50' LT	OMRO RD			1											1		1	767.55	762.80	3.94
G3.4	74+59.12	17.50' RT	OMRO RD			1											1		1	767.57	763.57	3.17
G4	77+00.00	0.00' RT	OMRO RD	1							1								1	766.14	757.85	7.38
G4.1	77+00.00	40.00' LT	OMRO RD		1										1				1	764.90	761.40	2.43
G5	78+09.59	0.00' RT	OMRO RD	1								1							1	765.34	757.47	6.97
G5.1	78+31.60	39.30' LT	OMRO RD				1										1		1	764.88	761.38	2.67
G5.2	78+09.59	17.50' LT	OMRO RD			1											1		1	765.02	761.05	3.14
G5.3	78+09.59	17.50' RT	OMRO RD			1											1		1	765.02	761.02	3.17
G6	79+60.00	0.00' RT	OMRO RD	1								1							1	764.25	756.94	6.40
G6.1	79+60.00	40.00' LT	OMRO RD		1										1				1	763.85	760.35	2.43
G7	81+34.72	0.00' RT	OMRO RD	1								1							1	763.02	756.32	5.79
G7.1	80+99.59	17.50' LT	OMRO RD				1										1		1	762.91	759.00	3.08
G7.3	81+21.60	39.30' LT	OMRO RD				1										1		1	762.64	758.60	3.23
G7.5	81+35.10	39.28' LT	OMRO RD	1						1									1	761.66	756.40	4.26
G7.6	81+34.71	17.50' RT	OMRO RD			1											1		1	762.70	758.60	3.26
G8	82+10.00	0.00' RT	OMRO RD	1									1						1	762.55	755.56	6.13
G8.1	82+06.62	34.23' RT	OMRO RD		1							1							1	762.00	756.65	4.44
G9	83+89.59	0.00' RT	OMRO RD	1								1							1	761.44	754.93	5.64
G9.1	83+89.59	17.50' LT	OMRO RD			1											1		1	761.12	757.12	3.17
G9.2	83+89.59	17.50' RT	OMRO RD			1											1		1	761.12	757.12	3.17
G10	86+63.01	0.00' LT	OMRO RD	1									1						1	759.92	753.47	5.62
G10.1	86+53.00	17.50' LT	OMRO RD				1										1		1	759.61	755.61	3.16
G10.2	86+63.00	17.50' LT	OMRO RD				1										1		1	759.60	755.50	3.27
G10.3	86+53.00	17.50' RT	OMRO RD				1										1		1	759.61	755.61	3.16
G10.4	86+73.32	42.25' RT	OMRO RD					1										1	1	758.65	755.15	3.69
G10.5	86+63.00	17.50' RT	OMRO RD				1										1		1	759.60	754.70	4.11
G11	87+54.56	0.00' LT	OMRO RD	1									1						1	760.32	753.24	6.25
G11.1	87+54.56	17.50' LT	OMRO RD				1										1		1	759.99	755.90	3.26
G11.2	87+54.56	17.50' RT	OMRO RD				1										1		1	759.99	755.90	3.26
G12	93+25.00	0.00' RT	OMRO RD	1						1									1	758.69	753.85	3.77
G12.1	93+55.10	38.12' LT	OMRO RD				1										1		1	757.96	754.46	2.67
G12.2	93+33.10	17.50' LT	OMRO RD			1											1		1	758.24	754.10	3.31

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STORM SEWER STRUCTURES (INLETS AND MANHOLES)

STRUCTURE	STATION	OFFSET*	LOCATION	611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0666 INLET COVERS TYPE Z EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH	611.2008 MANHOLES 8-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	650.4000 **** CONSTRUCTION STAKING STORM SEWER EACH	RIM ELEVATION	INVERT** ELEVATION	DEPTH*** FT
G12.3	93+74.35	38.00' RT	OMRO RD					1										1	1	757.40	754.40	3.21
G12.4	93+50.00	17.50' RT	OMRO RD			1											1		1	757.96	754.15	3.02
G13	92+31.00	0.00' RT	OMRO RD	1						1									1	760.26	753.57	5.70
G13.1	92+31.00	40.00' RT	OMRO RD		1										1				1	759.50	756.00	2.43
G14	90+41.01	0.00' RT	OMRO RD	1										1					1	762.09	752.52	8.74
H1	95+85.00	0.00' RT	OMRO RD	1							1								1	756.24	751.23	4.00
H1.2	95+85.00	40.00' LT	OMRO RD		1										1				1	755.20	751.70	2.43
H2	96+73.68	0.00' RT	OMRO RD	1							1								1	755.59	751.05	3.58
H2.1	96+73.68	36.95' RT	OMRO RD					1										1	1	755.75	752.25	3.67
H3	97+24.11	0.00' RT	OMRO RD	1							1								1	755.47	750.95	3.55
H3.2	97+95.50	17.50' LT	OMRO RD				1										1		1	755.31	751.81	2.67
H3.3	97+24.11	17.50' LT	OMRO RD				1										1		1	755.15	751.20	3.12
H3.4	97+24.11	17.50' RT	OMRO RD				1										1		1	755.15	751.15	3.17
H4	99+47.46	0.00' RT	OMRO RD	1							1								1	755.93	750.50	4.46
H4.1	99+13.38	49.85' RT	OMRO RD					1										1	1	757.80	752.80	5.17
H5	101+80.00	0.00' RT	OMRO RD	1							1								1	754.21	750.03	3.21
H5.1	101+80.00	17.50' LT	OMRO RD				1										1		1	753.89	750.39	2.66
H5.2	101+80.00	17.50' RT	OMRO RD				1										1		1	753.89	750.39	2.66
			TOTALS	47	26	34	37	8	1	14	13	13	6	2	22	5	70	8	153			

REMARKS
* STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE
** THE INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE
*** DEPTH = RIM ELEV - TOP OF STRUCTURE BASE ELEV - COVER HEIGHT - 6 -INCH ADJUSTMENT RING HEIGHT
**** ADDITIONAL QUANTITIES INCLUDED ELSEWHERE

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CONCRETE CURB & GUTTER

STATION	LOCATION	601.0407 18-INCH TYPE D LF	601.0411 30-INCH TYPE D LF	601.0600 PED CURB LF	SPV .0090.01 24-INCH TYPE D L.F.	SPV .0090.04 24-INCH TYPE L L.F.	650.5500 STAKING CURB & GUTTER LF	SPV.0165.02 CONCRETE RETAINING CURB SF
10+06.37 - 103+51.79	OMRO ROAD	-	19225	-	-	-	19225	-
36-65 - 36+85 LT.	OMRO ROAD	-	-	20	-	-	20	20
62+75 LT.	OMRO ROAD	200	-	-	-	-	200	-
71+90 LT.	OMRO ROAD	-	-	-	-	25	25	-
72+00 RT.	OMRO ROAD	-	-	-	35	-	35	-
73+20-74+55 LT.	OMRO ROAD	-	-	95	-	-	95	-
99+50 RT.	OMRO ROAD	20	-	-	-	-	20	-
	PROJECT TOTAL	220	19225	115	35	25	19620	20

CONCRETE SIDEWALK

STATION	LOCATION	602.0405 4-INCH SF	602.0415 6-INCH SF	SPV.0165.01 THICKENED EDGE SF
10+26 - 22+20	OMRO ROAD	10530	250	-
22+20 - 28+48	OMRO ROAD	5075	285	-
28+48 - 42+90	OMRO ROAD	12310	355	-
36+65 - 36+85 LT	OMRO ROAD	-	-	114
42+90 - 47+24	OMRO ROAD	3240	300	-
47+24 - 63+30	OMRO ROAD	15840	230	-
63+30 - 75+00	OMRO ROAD	9550	415	-
75+00 - 81+63	OMRO ROAD	4700	425	-
81+63 - 87+54	OMRO ROAD	4450	640	-
87+54 - 94+03	OMRO ROAD	5075	120	-
94+03 - 104+01	OMRO ROAD	9000	275	-
	SUBTOTALS	79770	3295	114

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

INTERSECTION	LOCATION	602.0515 SF	602.0615 RADIAL SF
LEONARD POINT RD	OMRO ROAD	-	33
WELSH HAVEN DRIVE	OMRO ROAD	20	-
CAMBRIA COURT	OMRO ROAD	20	-
SNOWDON DRIVE	OMRO ROAD	40	-
LAKE BREEZE ROAD	OMRO ROAD	20	-
ELMHURST LANE	OMRO ROAD	20	-
TAMMY ROAD	OMRO ROAD	20	-
HONEY CREEK ROAD	OMRO ROAD	40	-
VALLEY ROAD	OMRO ROAD	20	-
OAKWOOD ROAD	OMRO ROAD	86	-
68+00 RT.	OMRO ROAD	20	-
RAN LIE STREET	OMRO ROAD	20	-
OAKWOOD CIRCLE	OMRO ROAD	20	-
SHEBOYGAN STREET	OMRO ROAD	40	-
SHERRIN STREET	OMRO ROAD	20	-
CONRAD STREET	OMRO ROAD	40	-
WESTHAVEN DRIVE	OMRO ROAD	30	-
KEWAUNEE STREET	OMRO ROAD	30	-
WILLOWSPRINGS ROAD	OMRO ROAD	20	-
WILLOW BEND LANE	OMRO ROAD	20	-
BROOKS LANE	OMRO ROAD	24	-
PROJECT TOTALS		570	33

PIPE UNDERDRAIN WRAPPED 6-INCH

STATION	LOCATION	612.0406 LF	REMARKS
16+60 LT.	OMRO ROAD	50	INLET
16+60 RT.	OMRO ROAD	50	INLET
38+50 LT.	OMRO ROAD	50	INLET
38+50 RT.	OMRO ROAD	50	INLET
47+70 LT.	OMRO ROAD	50	INLET
47+70 RT.	OMRO ROAD	50	INLET
59+09 LT.	OMRO ROAD	50	INLET
59+09 RT.	OMRO ROAD	50	INLET
67+29 LT.	OMRO ROAD	50	INLET
67+29 RT.	OMRO ROAD	50	INLET
86+63 LT.	OMRO ROAD	50	INLET
86+63 RT.	OMRO ROAD	50	INLET
97+24 LT.	OMRO ROAD	50	INLET
97+24 RT.	OMRO ROAD	50	INLET
-	UNDISTRIBUTED	500	
	PROJECT TOTAL	1200	

INSULATION BOARD POLYSTYRENE 2-INCH
612.0902.S
CATEGORY 0030

LOCATION	LOCATION	S.Y.	REMARKS
17+35	20' RT	4	WM / ST. SEWER CROSSING
21+72	17.5' LT	4	WM / ST. SEWER CROSSING
22+50	17.5 RT	8	WM / ST. SEWER CROSSING
42+70	19' LT	4	WM / ST. SEWER CROSSING
42+15	18' RT	4	WM / CURB CROSSING
43+14	45 LT	4	WM / ST. SEWER CROSSING
46+63	32' LT	4	WM / ST. SEWER CROSSING
47+22	33' LT	4	WM / ST. SEWER CROSSING
47+50 - 48+40	29/ LT	36	WM / ST. SEWER CROSSING
49+87	18' RT	4	WM / CURB CROSSING
56+73	18' RT	4	WM / CURB CROSSING
61+40	28' LT	4	WM / ST. SEWER CROSSING
63+23	19' LT	4	WM / ST. SEWER CROSSING
63+67	19' LT	4	WM / ST. SEWER CROSSING
64+55	19' LT	4	WM / ST. SEWER CROSSING
67+29	17' LT	8	WM / ST. SEWER CROSSING
72+50	17' LT	8	WM / ST. SEWER CROSSING
72+82	17' LT	4	WM / ST. SEWER CROSSING
74+62	17' LT	8	WM / ST. SEWER CROSSING
74+75	45' LT	4	WM / ST. SEWER CROSSING
77+00	17' LT	4	WM / ST. SEWER CROSSING
78+10	17' LT	8	WM / ST. SEWER CROSSING
79+60	17' LT	4	WM / ST. SEWER CROSSING
81+00	17' LT	8	WM / ST. SEWER CROSSING
81+22	39' LT	29	WM / ST. SEWER CROSSING
83+90	17' LT	8	WM / ST. SEWER CROSSING
95+60	14' RT	8	WM / ST. SEWER CROSSING
96+74	14' RT	4	WM / ST. SEWER CROSSING
97+24	14' RT	4	WM / ST. SEWER CROSSING
UNDISTRIBUTED	OMRO ROAD	118	WATERMAIN LOCATIONS
	PROJECT TOTAL	323	

ALL ITEMS ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

MAINTANANCE AND REPAIR OF HAUL ROADS

618.0100
CATEGORY 0030

PROJECT	EA
6436-00-71	1
PROJECT TOTAL	1

MOBILIZATION

619.1000

PROJECT	EA
6436-00-71	1
PROJECT TOTAL	1

MOBILIZATIONS EROSION CONTROL

LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
PROJECT LIMITS	6	6
PROJECT TOTAL	6	6

LANDSCAPING SUMMARY

STATION TO STATION	LOCATION	625.0100 TOPSOIL SY	627.0200 MULCHING SY	628.2004 EROSION MAT CLASS I TYPE B SY	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	629.0210 FERTILIZER TYPE B CWT.	630.0140 SEEDING MIXTURE NO. 40 LB.	630.0200 SEEDING TEMPORARY LB.	630.0500 SEED WATER MGAL
10+06 - 22+00	OMRO ROAD LT	2936	--	--	2936	1.8	52.8	--	3.7
10+06 - 22+00	OMRO ROAD RT	3669	--	--	3669	2.3	66.1	--	4.6
22+00 - 39+00	OMRO ROAD LT	4313	--	--	4313	2.7	77.6	--	5.4
22+00 - 39+00	OMRO ROAD RT	4033	--	--	4033	2.5	72.6	--	5.0
39+00 - 63+50	OMRO ROAD LT	5169	--	--	5169	3.3	93.1	--	6.5
39+00 - 63+50	OMRO ROAD RT	6206	--	--	6206	3.9	111.7	--	7.8
63+50 - 87+00	OMRO ROAD LT	5589	--	--	5589	3.5	100.6	--	7.0
63+50 - 87+00	OMRO ROAD RT	5111	--	--	5111	3.2	92.0	--	6.4
87+00 - 103+51.79	OMRO ROAD LT	4339	--	--	4339	2.7	78.1	--	5.4
87+00 - 103+51.79	OMRO ROAD RT	4056	--	275	3781	2.6	73.0	--	5.1
200+00 - 201+05.7	WELSH HAVEN DRIVE	52	--	52	--	0.0	0.9	--	0.1
209+09 - 210+00	CAMBRIA COURT	102	--	102	--	0.1	1.8	--	0.1
220+00 - 220+96.5	SNOWDON DRIVE	19	--	19	--	0.0	0.3	--	0.0
230+00 - 231+54	LAKE BREEZE ROAD	454	--	454	--	0.3	8.2	--	0.6
239+01 - 240+00	ELMHURST LANE	169	--	169	--	0.1	3.0	--	0.2
250+00 - 251+36	TAMMY ROAD	328	--	328	--	0.2	5.9	--	0.4
258+99.6 - 260+00	HONEY CREEK ROAD	310	--	310	--	0.2	5.6	--	0.4
270+00 - 271+07	VALLEY ROAD	487	--	487	--	0.3	8.8	--	0.6
279+16 - 280+85	OAKWOOD ROAD	428	--	428	--	0.3	7.7	--	0.5
289+01 - 290+00	RAN LIE STREET	289	--	289	--	0.2	5.2	--	0.4
290+00 - 291+00	OAKWOOD CIRCLE	397	--	397	--	0.3	7.2	--	0.5
300+00 - 301+14.5	SHEBOYGAN STREET	92	--	92	--	0.1	1.7	--	0.1
310+00 - 310+95.5	SHERRIN STREET	28	--	28	--	0.0	0.5	--	0.0
320+00 - 320+85	CONRAD STREET	128	--	128	--	0.1	2.3	--	0.2
328+02 - 330+00	WESTHAVEN DRIVE	466	--	466	--	0.3	8.4	--	0.6
330+00 - 330+81.5	KEWAUNEE STREET	66	--	66	--	0.0	1.2	--	0.1
340+00 - 341+20	WILLOWSPRINGS ROAD	272	--	272	--	0.2	4.9	--	0.3
350+00 - 350+92	WILLOW BEND LANE	166	--	166	--	0.1	3.0	--	0.2
UNDISTRIBUTED	OMRO ROAD	1800	2000	1200	670	1.2	35	500	20
	PROJECT TOTALS	51,472	2,000	5,726	45,816	32	929	500	82

WATER

624.0100

LOCATION	MGAL
BASE COMPACTION	570
DUST CONTROL	25
PROJECT TOTAL	595

SILT FENCE

STATION TO STATION	LOCATION	628.1504 SILT FENCE L.F.	628.1520 SILT FENCE MAINTENANCE L.F.
10+19 - 14+00 RT	OMRO ROAD	250	250
19+45 - 21+00 RT	OMRO ROAD	150	150
28+75 - 30+75 RT	OMRO ROAD	200	200
39+25 - 42+00 RT	OMRO ROAD	275	275
43+75 - 48+00 RT	OMRO ROAD	415	415
48+75 - 50+00 LT	OMRO ROAD	145	145
53+75 - 54+25 LT	OMRO ROAD	50	50
57+25 - 59+50 LT	OMRO ROAD	210	210
63+75 - 67+00 RT	OMRO ROAD	325	325
69+75 - 74+75 RT	OMRO ROAD	450	450
72+00 - 73+75 LT	OMRO ROAD	125	125
75+25 - 77+00 RT	OMRO ROAD	185	185
78+75 - 80+30 RT	OMRO ROAD	180	180
81+50 - 84+25 LT	OMRO ROAD	285	285
100+50 - 104+00 RT	OMRO ROAD	380	380
	PROJECT TOTALS	3625	3625

3

INLET PROTECTION

STRUCTURE TYPE	STATION	LOCATION	628.7005 TYPE A EACH	628.7015 TYPE C EACH	628.7020 TYPE D EACH	REMARKS
PROPOSED	10+21 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	10+61 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	10+65 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	13+50 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	13+50 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	16+39 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	16+60 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	16+60 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	17+34 RT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	17+50 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	18+50 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	20+50 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	20+50 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	20+50 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	21+55 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	22+25 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	22+50 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	25+50 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	26+14 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	26+14 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	26+38 RT	CAMBRIA CT	-	-	1	SIDE STREET
PROPOSED	28+03 LT	OMRO ROAD	-	-	1	YARD DRAIN
PROPOSED	28+07 RT	OMRO ROAD	1	-	-	MAINLINE
PROPOSED	28+20 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	28+30 LT	SNOWDON DR	1	-	-	YARD DRAIN
PROPOSED	28+42 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	28+78 LT	SNOWDON DR	1	-	-	YARD DRAIN
PROPOSED	28+78 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	31+48 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	31+48 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	31+62 LT	OMRO ROAD	1	-	-	MAINLINE
PROPOSED	32+10 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	35+36 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	35+98 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	38+30 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	38+30 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	38+50 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	38+50 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	42+60 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	42+60 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	42+70 LT	OMRO ROAD	1	-	-	YARD DRAIN
		SUBTOTALS	14	16	11	

INLET PROTECTION

STRUCTURE TYPE	STATION	LOCATION	628.7005 TYPE A EACH	628.7015 TYPE C EACH	628.7020 TYPE D EACH	REMARKS
PROPOSED	43+20 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	44+70 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	44+70 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	46+57 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	46+70 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	47+15 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	47+69 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	47+69 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	47+90 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	47+90 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	54+15 RT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	55+25 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	55+25 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	55+25 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	56+60 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	59+00 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	59+00 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	59+10 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	59+10 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	59+70 LT	OMRO ROAD	-	-	-	MAINLINE
PROPOSED	61+26 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	61+62 RT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	63+08 LT	OAKWOOD RD	-	1	-	SIDE STREET
PROPOSED	64+55 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	67+28 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	67+28 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	67+97 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	68+30 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	72+50 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	72+50 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	74+58 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	74+61 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	74+72 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	75+28 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	77+00 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	78+09 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	78+09 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	78+31 LT	SHEBOYGAN ST	-	-	1	SIDE STREET
PROPOSED	78+60 LT	OMRO ROAD	1	-	-	YARD DRAIN
		SUBTOTALS	13	12	13	

INLET PROTECTION

STRUCTURE TYPE	STATION	LOCATION	628.7005 TYPE A EACH	628.7015 TYPE C EACH	628.7020 TYPE D EACH	REMARKS
PROPOSED	81+00 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	81+21 LT	SHERRIN ST	-	-	1	SIDE STREET
PROPOSED	81+34 RT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	83+90 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	83+90 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	86+53 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	86+53 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	86+63 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	86+63 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	87+55 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	87+55 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	92+30 RT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	93+33 LT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	93+50 RT	OMRO ROAD	-	1	-	MAINLINE
PROPOSED	93+55 LT	WILLOW SPRINGS	-	-	1	SIDE STREET
PROPOSED	93+75 RT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	95+85 LT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	96+73 RT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	97+25 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	97+25 RT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	97+95 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	99+14 RT	OMRO ROAD	1	-	-	YARD DRAIN
PROPOSED	101+81 LT	OMRO ROAD	-	-	1	MAINLINE
PROPOSED	101+81 RT	OMRO ROAD	-	-	1	MAINLINE
EXISTING	103+80 RT	OMRO ROAD	-	1	-	MAINLINE
EXISTING	104+16 RT	OMRO ROAD	-	1	-	MAINLINE
UNDISTRIBUTED	-	OMRO ROAD	2	6	6	-
		SUBTOTALS	8	13	19	
		PROJECT TOTALS	35	41	43	

3

LANDMARK REFERENCE MONUMENTS

STATION	LOCATION	621.0100 EACH	DESCRIPTION
STA. 9+94.89 RT	OMRO ROAD	1	1/4 CORNER, SECTION 17,T18N R16E
-	OMRO ROAD	4	WITNESS MONUMENTS

STATION	LOCATION	EACH	DESCRIPTION
STA. 36+71.76	OMRO ROAD	1	CENTER, SECTION 17,T18N R16E
-	OMRO ROAD	4	WITNESS MONUMENTS

STATION	LOCATION	EACH	DESCRIPTION
STA. 63+44.00	OMRO ROAD	1	1/4 CORNER, SECTION 17,T18N R16E
-	OMRO ROAD	4	WITNESS MONUMENTS

STATION	LOCATION	EACH	DESCRIPTION
STA. 90+55.44	OMRO ROAD	1	CENTER, SECTION 16,T18N R16E
-	OMRO ROAD	4	WITNESS MONUMENTS

PROJECT TOTAL		20

TRACKING PADS

628.7560

STATION	LOCATION	EACH
10+06	OMRO ROAD	1
103+50	OMRO ROAD	1
UNDISTRIBUTED	OMRO ROAD	2
PROJECT TOTAL		4

ROCK BAGS

628.7570

STATION - STATION	LOCATION	EACH
UNDISTRIBUTED	OMRO ROAD	50
PROJECT TOTAL		50

3

TEMPORARY DITCH CHECKS

628.7504

STATION TO STATION	LOCATION	L.F.
26+30 RT	CAMBRIA CT	15
26+73 RT	CAMBRIA CT	15
29+10 RT	OMRO ROAD	15
35+52 RT	ELMHURST LN	15
35+93 RT	ELMHURST LN	15
47+76 LT	OMRO ROAD	10
48+37 LT	OMRO ROAD	10
48+70 RT	OMRO ROAD	10
74+70 RT	RAN LIE ST	15
75+20 RT	RAN LIE ST	15
78+62 LT	SHEBOYGAN ST	10
84+12 LT	CONRAD ST	10
84+42 LT	CONRAD ST	10
87+35 LT	KEWAUNEE ST	10
93+30 LT	WILLOW SPRINGS RD	15
93+90 LT	WILLOW SPRINGS RD	15
97+34 LT	WILLOW BEND LN	15
99+66 LT	OMRO ROAD	15
PROJECT TOTAL		235

CULVERT PIPE CHECKS

628.7555

STATION	LOCATION	EACH
24+16 LT	OMRO ROAD	6
63+22 LT	OAKWOOD RD	3
63+22 RT	OAKWOOD RD	3
81+20 LT	SHERRIN ST	3
81+51 LT	SHERRIN ST	3
97+86 LT	OMRO ROAD	3
PROJECT TOTAL		21

RIP RAP WITH FABRIC

STATION	LOCATION	606.02 RIP RAP MEDIUM CY	645.012 * TYPE HR FABRIC SY
OMRO ROAD	103+75 LT	6	35
PROJECT TOTAL		6	35

* ADDITIONAL QUANTITIES INCLUDED ON STRUCTURE PLANS (B70-0100)

PERMANENT SIGNING, TYPE II

SIGN NO.	STATION	LOCATION	SIGN CODE	SIGN SIZE W X H	637.2210 SIGNS TYPE II REFLECTIVE H S.F.	637.2230 SIGNS TYPE II REFLECTIVE F S.F.	634.0614 POSTS WOOD 4x6x14 EACH	634.0618 POSTS WOOD 4x6x18 EACH
	9+71 RT	OMRO ROAD	W1-7	48" X 24"	8.00	-	1	1
	10+17 LT	OMRO ROAD	R2-1	24" X 30"	5.00	-	-	-
	10+17 LT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	1	-
	10+41 LT	OMRO ROAD	R1-1	30" X 30"	6.25	-	1	-
	11+19 RT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	1	-
	11+19 RT	OMRO ROAD	R2-1	24" X 30"	5.00	-	-	-
	15+15 LT	OMRO ROAD	W3-1	36" X 36"	9.00	-	1	-
	20+32 RT	OMRO ROAD	R2-1	24" X 30"	5.00	-	-	-
	20+32 RT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	1	-
	21+73 LT	WELSH HAVEN DR	R1-1	30" X 30"	6.25	-	1	-
	26+34 RT	CAMBRIA CT	W14-1	30" X 30"	6.25	-	1	-
	26+69 RT	CAMBRIA CT	R1-1	30" X 30"	6.25	-	1	-
	28+38 LT	SNOWDON DR	R1-1	30" X 30"	6.25	-	1	-
	28+73 LT	SNOWDON DR	R2-1	24" X 30"	5.00	-	-	-
	28+73 LT	SNOWDON DR	R5-2	24" X 24"	4.00	-	1	-
	29+36 RT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	-	-
	29+36 RT	OMRO ROAD	R2-1	24" X 30"	5.00	-	1	-
	29+75 LT	OMRO ROAD	R2-1	24" X 30"	5.00	-	1	-
	29+75 LT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	-	-
	31+61 LT	LAKEBREEZE RD	R1-1	30" X 30"	6.25	-	1	-
	32+00 LT	LAKEBREEZE RD	R2-1	24" X 30"	5.00	-	1	-
	35+54 RT	ELMHURST LN	W14-1	30" X 30"	6.25	-	1	-
	35+89 RT	ELMHURST LN	R1-1	30" X 30"	6.25	-	1	-
	37+48 RT	OMRO ROAD	R2-1	24" X 30"	5.00	-	1	-
	37+48 RT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	-	-
	41+69 LT	OMRO ROAD	R2-1	24" X 30"	5.00	-	-	-
	41+69 LT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	1	-
	42+78 LT	OMRO ROAD	R1-1	30" X 30"	6.25	-	1	-
	43+13 LT	TAMMY RD	W14-1	30" X 30"	6.25	-	1	-
	43+14 LT	TAMMY RD	R2-1	24" X 30"	5.00	-	1	-
	44+89 RT	HONEY CREEK RD	R2-1	24" X 30"	5.00	-	1	-
	45+24 RT	HONEY CREEK RD	R1-1	30" X 30"	6.25	-	1	-
	46+76 LT	VALLEY RD	R1-1	30" X 30"	6.25	-	1	-
	47+10 LT	VALLEY RD	R2-1	24" X 30"	5.00	-	1	-
	47+38 RT	OMRO ROAD	R1-1	30" X 30"	6.25	-	1	-
	48+90 RT	OMRO ROAD	S1-1	36" X 36"	-	9.00	-	-
	48+90 RT	OMRO ROAD	R2-6P	24" X 18"	-	3.00	1	-
	49+29 LT	OMRO ROAD	R2-1	24" X 30"	5.00	-	-	-
	49+29 LT	OMRO ROAD	S5-2	24" X 30"	5.00	-	-	1
	57+07 RT	OMRO ROAD	S4-51	24" X 48"	-	8.00	-	-
	57+07 RT	OMRO ROAD	R7-1D	18" X 24"	-	3.00	-	1
	63+25 LT	OAKWOOD RD	R1-1	30" X 30"	6.25	-	1	-
	63+62 RT	OAKWOOD RD	R1-1	30" X 30"	6.25	-	1	-
	SUBTOTALS				206	23	30	3

PERMANENT SIGNING, TYPE II

SIGN NO.	STATION	LOCATION	SIGN CODE	W X H	637.2210 SIGNS TYPE II REFLECTIVE H S.F.	637.2230 SIGNS TYPE II REFLECTIVE F S.F.	634.0614 POSTS WOOD 4x6x14 EACH	634.0618 POSTS WOOD 4x6x18 EACH
	65+54 LT	OMRO ROAD	S4-51	24" X 48"	-	8.00	-	-
	65+54 LT	OMRO ROAD	R7-1D	18" X 24"	-	3.00	-	1
	71+52 RT	OMRO ROAD	R2-1	24" X 30"	5.00	-	-	-
	71+52 RT	OMRO ROAD	S5-2	24" X 30"	5.00	-	-	1
	71+58 LT	OMRO ROAD	S1-1	36" X 36"	-	9.00	-	-
	71+58 LT	OMRO ROAD	R2-6P	24" X 18"	-	3.00	1	-
	74+77 RT	RAN LIE ST	W14-1	30" X 30"	6.25	-	-	-
	74+77 RT	OMRO ROAD	R2-1	24" X 30"	5.00	-	-	1
	74+80 LT	OAKWOOD CIRCLE	R1-1	30" X 30"	6.25	-	1	-
	75+12 RT	RAN LIE ST	R1-1	30" X 30"	6.25	-	1	-
	75+15 LT	OAKWOOD CIRCLE	R2-1	24" X 30"	5.00	-	1	-
	76+55 RT	OMRO ROAD	R2-1	24" X 30"	5.00	-	-	-
	76+55 RT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	1	-
	78+28 LT	SHEBOYGAN ST	R1-1	30" X 30"	6.25	-	1	-
	78+65 LT	SHEBOYGAN ST	R2-1	24" X 30"	5.00	-	1	-
	81+18 LT	SHERRIN ST	R1-1	30" X 30"	6.25	-	1	-
	81+55 LT	SHERRIN ST	R2-1	24" X 30"	5.00	-	1	-
	83+40 LT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	1	-
	84+08 LT	CONRAD ST	R1-1	30" X 30"	6.25	-	1	-
	84+44 LT	CONRAD ST	R2-1	24" X 30"	5.00	-	1	-
	86+87 RT	WESTHAVEN DR	R2-1	24" X 30"	5.00	-	1	-
	87+00 LT	KEWAUNEE ST	R1-1	30" X 30"	6.25	-	1	-
	87+32 RT	WESTHAVEN DR	R1-1	30" X 30"	6.25	-	1	-
	87+37 LT	KEWAUNEE ST	R2-1	24" X 30"	5.00	-	1	-
	87+93 RT	OMRO ROAD	R2-1	24" X 30"	5.00	-	-	-
	87+93 RT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	1	-
	97+28 LT	OMRO ROAD	R2-1	24" X 30"	5.00	-	-	-
	87+93 RT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	1	-
	92+86 LT	OMRO ROAD	R2-1	24" X 30"	5.00	-	-	-
	92+86 LT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	1	-
	93+51 LT	WILLOW SPRINGS RD	R1-1	30" X 30"	6.25	-	1	-
	94+41 RT	OMRO ROAD	R1-1	30" X 30"	6.25	-	1	-
	95+29 RT	OMRO ROAD	W3-1	36" X 36"	9.00	-	1	-
	97+43 LT	WILLOW BEND LN	R1-1	30" X 30"	6.25	-	1	-
	97+78 LT	WILLOW BEND LN	R2-1	24" X 30"	5.00	-	1	-
	100+30 LT	OMRO ROAD	R2-1	24" X 30"	5.00	-	-	-
	100+30 LT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	1	-
	103+00 LT	OMRO ROAD	R7-1D	18" X 24"	3.00	-	1	-
	103+61 RT	OMRO ROAD	R1-1	30" X 30"	6.25	-	-	-
	103+61 RT	OMRO ROAD	W4-4AR	30" X 12"	2.50	-	1	-
	SUBTOTALS				183	23	27	3
	PROJECT TOTALS				388	46	57	6

3

REMOVING SIGNS & SUPPORTS

STATION	LOCATION	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
9+71 RT	OMRO ROAD	1	1
10+17 LT	OMRO ROAD	1	1
10+17 LT	OMRO ROAD	1	1
10+41 LT	OMRO ROAD	1	1
10+43 RT	OMRO ROAD	-	1
11+19 RT	OMRO ROAD	1	1
11+83 RT	OMRO ROAD	1	1
20+32 RT	OMRO ROAD	1	1
20+32 RT	OMRO ROAD	1	1
21+33 LT	OMRO ROAD	-	1
21+73 LT	WELSH HAVEN DR	1	1
26+18 RT	OMRO ROAD	-	1
26+34 RT	CAMBRIA CT	1	1
26+69 RT	CAMBRIA CT	1	1
28+38 LT	SNOWDON DR	1	1
28+73 LT	SNOWDON DR	1	1
28+73 LT	SNOWDON DR	1	1
29+26 LT	OMRO ROAD	1	1
29+36 RT	OMRO ROAD	1	1
31+61 LT	LAKEBREEZE RD	1	1
32+00 LT	LAKEBREEZE RD	1	1
35+54 RT	ELMHURST LN	1	1
35+89 RT	ELMHURST LN	1	1
37+48 RT	OMRO ROAD	1	1
35+98 RT	OMRO ROAD	-	1
41+69 LT	OMRO ROAD	1	1
41+69 LT	OMRO ROAD	1	1
42+78 LT	OMRO ROAD	1	1
43+13 LT	TAMMY RD	1	1
43+14 LT	TAMMY RD	1	1
44+89 RT	HONEY CREEK RD	1	1
45+24 RT	HONEY CREEK RD	1	1
46+76 LT	VALLEY RD	1	1
46+85 RT	OMRO ROAD	-	1
47+10 LT	VALLEY RD	1	1
47+38 RT	OMRO ROAD	1	1
48+90 RT	OMRO ROAD	1	1
48+90 RT	OMRO ROAD	1	1
49+29 LT	OMRO ROAD	1	1
49+29 LT	OMRO ROAD	1	1
57+07 RT	OMRO ROAD	1	1
57+07 RT	OMRO ROAD	1	1
62+18 LT	OMRO ROAD	1	-
63+25 LT	OAKWOOD RD	1	1
63+62 RT	OAKWOOD RD	1	1
	SUBTOTALS	40	44

REMOVING SIGNS & SUPPORTS

STATION	LOCATION	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
65+54 LT	OMRO ROAD	1	1
65+54 LT	OMRO ROAD	1	1
63+82 RT	OMRO ROAD	-	1
71+52 RT	OMRO ROAD	1	1
71+52 RT	OMRO ROAD	1	1
71+58 LT	OMRO ROAD	1	1
71+58 LT	OMRO ROAD	1	1
74+77 RT	RAN LIE ST	1	1
74+77 RT	OMRO ROAD	1	1
74+80 LT	OAKWOOD CIRCLE	1	1
75+12 RT	RAN LIE ST	1	1
75+15 LT	OAKWOOD CIRCLE	1	1
76+55 RT	OMRO ROAD	1	1
76+55 RT	OMRO ROAD	1	1
76+97 RT	OMRO ROAD	-	1
78+28 LT	SHEBOYGAN ST	1	1
78+65 LT	SHEBOYGAN ST	1	1
80+23 RT	OMRO ROAD	-	1
81+18 LT	SHERRIN ST	1	1
81+55 LT	SHERRIN ST	1	1
83+81 LT	OMRO ROAD	1	1
84+08 LT	CONRAD ST	1	1
84+44 LT	CONRAD ST	1	1
86+87 RT	WESTHAVEN DR	1	1
87+00 LT	KEWAUNEE ST	1	1
87+32 RT	WESTHAVEN DR	1	1
87+37 LT	KEWAUNEE ST	1	1
87+93 RT	OMRO ROAD	1	1
87+93 RT	OMRO ROAD	1	1
97+28 LT	OMRO ROAD	1	1
87+93 RT	OMRO ROAD	1	1
88+71 RT	OMRO ROAD	-	1
93+28 LT	OMRO ROAD	1	1
93+28 LT	OMRO ROAD	1	1
93+51 LT	WILLOW SPRINGS RD	1	1
94+41 RT	OMRO ROAD	1	1
95+29 RT	OMRO ROAD	1	1
97+43 LT	WILLOW BEND LN	1	1
97+74 RT	OMRO ROAD	-	1
97+78 LT	WILLOW BEND LN	1	1
100+47 RT	OMRO ROAD	1	1
103+48 LT	OMRO ROAD	1	1
103+61 RT	OMRO ROAD	1	1
103+61 RT	OMRO ROAD	1	1
	SUBTOTALS	39	44
	PROJECT TOTALS	79	88

3

* ADDITIONAL QUANTITIES FOUND ELSEWHERE

3

3

TRAFFIC CONTROL SUMMARY

LOCATION	SERVICE DAYS	643.0300 DRUMS NO	643.0300 DRUMS DAYS	643.0420 BARRICADES TYPE III NO	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A NO	643.0705 WARNING LIGHTS TYPE A DAYS	643.0715 WARNING LIGHTS TYPE C NO	643.0715 WARNING LIGHTS TYPE C DAYS	643.0900 SIGNS NO	643.0900 SIGNS DAYS	643.5000 TRAFFIC CONTROL EACH
PROJECT 6436-00-71												1
OMRO ROAD (AT BEGIN PROJECT)	170	--	--	6	1020	8	1360	--	--	--	--	
SIDE CLOSURES	170	--	--	90	15300	120	20400	--	--	120	20400	
OMRO ROAD (AT END PROJECT)	171	--	--	6	1026	8	1368	--	--	--	--	
OMRO ROAD (WITHIN PROJECT)	170	180	30600	--	--	--	--	--	--	--	--	
UNDISTRIBUTED	170	50	8500	10	1700	10	1700	25	4250	10	1700	
PROJECT TOTALS		230	39100	112	19046	146	24828	25	4250	130	22100	1

MARKING EPOXY

STATION TO STATION	LOCATION	646.102 4-INCH (WHITE) LF	646.102 4-INCH (YELLOW) LF	646.502 MARKING ARROW EPOXY EACH	646.512 MARKING WORD EPOXY EACH	646.522 MARKING SYMBOL EPOXY EACH	646.612 MARKING 18-INCH STOP LINE EPOXY LF	646.742 MARKING 6-INCH CROSSWALK EPOXY LF
10+06.37 - 103+51.79	OMRO ROAD	17560	3825	39	6	39	45	520
200+00 - 201+05.7	WELSH HAVEN DRIVE	--	--	--	--	--	13	60
209+09 - 210+00	CAMBRIA COURT	--	--	--	--	--	13	60
220+00 - 220+96.5	SNOWDON DRIVE	--	--	--	--	--	13	60
230+00 - 231+54	LAKE BREEZE ROAD	--	--	--	--	--	13	60
239+01 - 240+00	ELMHURST LANE	--	--	--	--	--	13	60
250+00 - 251+36	TAMMY ROAD	--	--	--	--	--	13	60
258+99.6 - 260+00	HONEY CREEK ROAD	--	--	--	--	--	13	60
270+00 - 271+07	VALLEY ROAD	--	--	--	--	--	13	60
279+16 - 280+85	OAKWOOD ROAD	170	180	--	--	--	26	135
289+01 - 290+00	RAN LIE STREET	--	--	--	--	--	13	60
290+00 - 291+00	OAKWOOD CIRCLE	--	--	--	--	--	13	60
300+00 - 301+14.5	SHEBOYGAN STREET	--	--	--	--	--	13	125
310+00 - 310+95.5	SHERRIN STREET	--	--	--	--	--	13	60
320+00 - 320+85	CONRAD STREET	--	--	--	--	--	13	125
328+02 - 330+00	WESTHAVEN DRIVE	320	330	--	--	--	17	82
330+00 - 330+81.5	KEWAUNEE STREET	--	--	--	--	--	13	60
340+00 - 341+20	WILLOWSPRINGS ROAD	--	--	--	--	--	13	60
350+00 - 350+92	WILLOW BEND LANE	--	--	--	--	--	13	60
PROJECT TOTALS		18050	4335	39	6	39	296	1827
		22,385						

FIELD OFFICE TYPE C

642.5201

PROJECT	EA
6436-00-71	1
PROJECT TOTAL	1

3

CONSTRUCTION STAKING

STATION - STATION	LOCATION	650.4500 SUBGRADE LF	650.5000 BASE LF	650.6000 PIPE CULVERTS EACH	* 650.6500 STRUCTURE LAYOUT LS	650.9000 CURB RAMPS EACH	650.9920 SLOPE STAKES LF	650.9910 SUPPLEMENTAL CONTROL LF
10+06.37 - 103+51.79	OMRO ROAD	9346	9346	-	-	4	9346	1
200+00 - 201+05.7	WELSH HAVEN DRIVE	106	106	-	-	2	106	-
209+09 - 210+00	CAMBRIA COURT	91	91	-	-	2	91	-
220+00 - 220+96.5	SNOWDON DRIVE	97	97	-	-	3	97	-
230+00 - 231+54	LAKE BREEZE ROAD	154	154	-	-	2	154	-
239+01 - 240+00	ELMHURST LANE	99	99	-	-	2	99	-
250+00 - 251+36	TAMMY ROAD	136	136	-	-	2	136	-
258+99.6 - 260+00	HONEY CREEK ROAD	101	101	-	-	4	101	-
270+00 - 271+07	VALLEY ROAD	107	107	-	-	2	107	-
279+16 - 280+85	OAKWOOD ROAD	169	169	1	-	8	169	-
289+01 - 290+00	RAN LIE STREET	99	99	-	-	2	99	-
290+00 - 291+00	OAKWOOD CIRCLE	100	100	-	-	2	100	-
300+00 - 301+14.5	SHEBOYGAN STREET	115	115	-	-	2	115	-
310+00 - 310+95.5	SHERRIN STREET	96	96	-	-	2	96	-
320+00 - 320+85	CONRAD STREET	85	85	-	-	2	85	-
328+02 - 330+00	WESTHAVEN DRIVE	198	198	-	-	3	198	-
330+00 - 330+81.5	KEWAUNEE STREET	82	82	-	-	3	82	-
340+00 - 341+20	WILLOWSPRINGS ROAD	120	120	-	-	2	120	-
350+00 - 350+92	WILLOW BEND LANE	92	92	-	-	2	92	-
48+45	B-70-0100	-	-	-	1	-	-	
	PROJECT TOTALS	11393	11393	1	1	51	11393	1

NOTE - STORM SEWER STAKING QUANTITY INCLUDED IN STORM SEWER STRUCTURE TABLE
NOTE- CURB AND GUTTER STAKING INCLUDED IN CURB AND GUTTER TABLE
* CATEGORY 0020

SAWING CONCRETE

690.0250

STATION	LOCATION	LF	DESCRIPTION
10+17 RT	OMRO ROAD	5	CURB MATCH POINTS
17+25 LT.	OMRO ROAD	21	DRIVEWAY
18+75 LT.	OMRO ROAD	22	DRIVEWAY
20+10 LT.	OMRO ROAD	38	DRIVEWAY
25+30 LT.	OMRO ROAD	25	DRIVEWAY
25+50 RT.	OMRO ROAD	35	DRIVEWAY
25+75 LT.	OMRO ROAD	60	DRIVEWAY
26+80 LT.	OMRO ROAD	34	DRIVEWAY
27+25 RT	OMRO ROAD	18	DRIVEWAY
27+83 RT.	OMRO ROAD	18	DRIVEWAY
51+70 RT.	OMRO ROAD	12	DRIVEWAY
52+30 LT..	OMRO ROAD	13	DRIVEWAY
54+30 LT.	OMRO ROAD	17	DRIVEWAY
54+50 RT.	OMRO ROAD	17	DRIVEWAY
55+60 RT.	OMRO ROAD	19	DRIVEWAY
58+80 RT.	OMRO ROAD	15	DRIVEWAY
61+00 RT	OMRO ROAD	21	DRIVEWAY
65+25 LT.	OMRO ROAD	16	DRIVEWAY
71+90 LT.	OMRO ROAD	4	CURB MATCH POINTS
72+00 RT.	OMRO ROAD	4	CURB MATCH POINTS
90+80 LT.	OMRO ROAD	24	DRIVEWAY
92+20 LT.	OMRO ROAD	18	DRIVEWAY
92+90 RT.	OMRO ROAD	5	DRIVEWAY CURB
99+50 RT.	OMRO ROAD	4	DRIVEWAY CURB
103+78 LT. & RT.	BROOKS LANE	5	CURB MATCH POINTS
103+97 RT.	BROOKS LANE	4	SIDEWALK
	PROJECT TOTAL	474	

TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS

LOCATION	661.0200 LS
LEONARD POINT RD/ STH 21	1
PROJECT TOTAL	1

3

SAWING ASPHALT
690.0150

STATION	LOCATION	LF	DESCRIPTION
10+06	OMRO ROAD	230	MATCH POINT
15+00 RT.	OMRO ROAD	340	DRIVEWAY/ P-LOT
21+65 LT.	WELSH HAVEN DR	18	DRIVEWAY
21+92 LT.	WELSH HAVEN DR	24	MATCH POINT
22+10 LT.	WELSH HAVEN DR	22	DRIVEWAY
26+18 RT.	CAMBRIA CT	19	DRIVEWAY
26+53 RT	OMRO ROAD	24	MATCH POINT
28+20 LT.	SNOWDON DR	20	DRIVEWAY
28+57 LT.	SNOWDON DR	20	MATCH POINT
28+58 RT.	OMRO ROAD	24	DRIVEWAY
30+79 RT.	OMRO ROAD	11	DRIVEWAY
31+69 LT.	LAKE BREEZE RD	36	DRIVEWAY
31+80 LT.	LAKE BREEZE RD	22	MATCH POINT
32+90 RT.	OMRO ROAD	14	DRIVEWAY
35+70 RT.	ELMHURST LN	22	MATCH POINT
38+25 LT.	OMRO ROAD	135	DRIVEWAY
39+20 RT.	OMRO ROAD	13	DRIVEWAY
39+75 RT.	OMRO ROAD	11	DRIVEWAY
40+10 LT.	OMRO ROAD	12	DRIVEWAY
42+00 RT.	OMRO ROAD	30	DRIVEWAY
42+75 LT.	TAMMY RD	26	DRIVEWAY
42+80 RT.	OMRO ROAD	14	DRIVEWAY
43+00 LT.	OMRO ROAD	22	MATCH POINT
45+10 RT.	HONEY CREEK RD	23	MATCH POINT
45+35 LT.	OMRO ROAD	16	DRIVEWAY
46+90 LT.	VALLEY RD	23	MATCH POINT
47+20 RT.	OMRO ROAD	22	DRIVEWAY
50+75 LT.	OMRO ROAD	11	DRIVEWAY
51+50 LT.	OMRO ROAD	11	DRIVEWAY
53+12 RT.	OMRO ROAD	17	DRIVEWAY
53+70 LT.	OMRO ROAD	21	DRIVEWAY
57+30 LT.	OMRO ROAD	19	DRIVEWAY
58+35 LT.	OMRO ROAD	18	DRIVEWAY
59+70 RT.	OMRO ROAD	12	DRIVEWAY
60+45 RT.	OMRO ROAD	17	DRIVEWAY
62+75 LT.	OMRO ROAD	216	DRIVEWAY/ P-LOT
63+40 LT.	OAKWOOD RD	104	MATCH POINT
63+40 RT.	OAKWOOD RD	25	DRIVEWAY
66+30 LT.	OMRO ROAD	19	DRIVEWAY
67+12 LT	OMRO ROAD	12	DRIVEWAY
68+10 LT.	OMRO ROAD	11	DRIVEWAY
71+90 LT.	OMRO ROAD	28	DRIVEWAY
72+00 RT.	OMRO ROAD	34	DRIVEWAY
74+00 LT	OMRO ROAD	136	DRIVEWAY

SAWING ASPHALT
690.0150

STATION	LOCATION	LF	DESCRIPTION
75+00 LT.	OAKWOOD RD	25	MATCH POINT
75+00 RT.	OAKWOOD RD	25	MATCH POINT
76+00 LT.	OMRO ROAD	145	DRIVEWAY/ P-LOT
78+50 LT.	SHEBOYGAN ST	21	MATCH POINT
78+65 RT.	OMRO ROAD	11	DRIVEWAY
80+12 LT.	OMRO ROAD	42	DRIVEWAY
81+12 RT.	OMRO ROAD	158	DRIVEWAY/ P-LOT
81+05 LT.	SHERRIN ST	35	DRIVEWAY
81+35 LT.	SHERRIN ST	20	MATCH POINT
84+25 LT.	CONRAD ST	19	MATCH POINT
85+70 RT.	OMRO ROAD	12	DRIVEWAY
85+90 LT.	OMRO ROAD	10	DRIVEWAY
87+00 LT.	KEWAUNEE ST	11	DRIVEWAY
87+05 RT.	WESTHAVEN DR	25	MATCH POINT
87+20 LT.	KEWAUNEE ST	17	MATCH POINT
87+30 RT.	WESTHAVEN DR	24	DRIVEWAY
89+30 RT.	OMRO ROAD	9	DRIVEWAY
90+00 RT.	OMRO ROAD	61	DRIVEWAY/ P-LOT
91+50 RT.	OMRO ROAD	71	DRIVEWAY/ P-LOT
92+70 RT.	OMRO ROAD	17	DRIVEWAY
93+10 RT.	OMRO ROAD	31	DRIVEWAY
93+70 LT	WILLOWSPRINGS RD	23	MATCH POINT
94+10 RT.	OMRO ROAD	28	DRIVEWAY
95+60 RT.	OMRO ROAD	43	DRIVEWAY
97+60 LT.	WILLOW BEND LN	26	MATCH POINT
98+30 RT.	OMRO ROAD	29	DRIVEWAY
99+50 RT.	OMRO ROAD	26	DRIVEWAY
102+25 LT.	OMRO ROAD	31	DRIVEWAY
103+52	OMRO ROAD	38	MATCH POINT
PROJECT TOTAL		2937	

STORM SEWER LATERAL
CATEGORY 0030

STATION	LOCATION	SPV 0060.04 CLEANOUT EA	SPV 0090.02 4-INCH LF	SPV 0090.03 6-INCH LF
16+43	LT	1	--	10
19+46	LT	1	33	--
19+56	LT	1	43	--
23+13	LT	1	33	--
25+00	RT	1	33	--
27+13	RT	1	44	--
27+56	LT	1	22	--
29+51	LT	1	22	--
31+46	RT	1	16	--
41+78	LT	1	22	--
44+98	LT	1	28	--
52+24 TO 54+15	RT	1	205	--
58+26	RT	1	33	--
64.6	LT	1	5	--
64+55 TO 65+58	LT	1	113	--
	PROJECT TOTALS	15	652	10

EXCAVATION, HAULING, AND DISPOSAL OF CONTAMINATED SOILS AND MANAGEMENT OF CONTAMINATED GROUNDWATER
CATEGORY 0030

STATION TO STATION	LOCATION	SPV.0105.02 GROUNDWATER LS	SPV.0195.01 BIO-REMEDIATION TON	SPV.0195.02 DIRECT LANDFILL TON	RE
63+50 - 97+50	OMRO ROAD	--	--	3050	SVOC/METALS CONTAMINATION
81+50 -82+25	OMRO ROAD	--	170	--	PETROLEUM CONTAMINATION
80+75 - 82+25	OMRO ROAD	1	--	--	--
	PROJECT TOTALS	1	170	3,050	

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W LINE
PROPERTY LINE
LOT, TIE, AND OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
FEE ACQUISITION AREA (HATCHING VARIES BY OWNER)
TEMP. LIMITED EASEMENT AREA
EASEMENT AREA (HIGHWAY, PERMANENT LIMITED, OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
BUILDING (TO BE REMOVED)
BRIDGE

PARCEL NUMBER 25
UTILITY NUMBER 40
SECTION CORNER
R/W MONUMENT
NON-MONUMENTED R/W POINT
NOTATION FOR COMBUSTABLE FLUIDS
FOUND IRON PIN
VALVE (GAS, WATER, ETC.)
NOTATION FOR HIGH VOLTAGE TRANSMISSION LINES
SIGN
OFF-PREMISE SIGN

ACCESS CONTROLLED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
NATIONAL GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
PARALLEL OFFSETS

CONVENTIONAL UTILITY SYMBOLS

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

	NON-COMPENSABLE	COMPENSABLE
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		

CURVE DATA ABBREVIATIONS

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	OUTLOT	OL
ACRES	AC	PAGE	P
AHEAD	AH	POINT OF TANGENCY	PT
ALUMINUM	ALUM	PROPERTY LINE	PL
AND OTHERS	ET AL	RECORDED AS	(100')
BACK	BK	REEL / IMAGE	R/I
BLOCK	BLK	REFERENCE LINE	R/L
CENTERLINE	C/L	PERMANENT LIMITED EASEMENT	PLE
CERTIFIED SURVEY MAP	CSM	POINT OF BEGINNING	POB
CONCRETE	CONC	POINT OF CURVATURE	PC
COUNTY	CO	POINT OF COMPOUND CURVE	PCC
COUNTY TRUNK HIGHWAY	CTH	POINT OF INTERSECTION	PI
DISTANCE	DIST	REMAINING	REM
CORNER	COR	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
DOCUMENT NUMBER	DOC	RIGHT	RT
EASEMENT	EASE	RIGHT OF WAY	R/W
EXISTING	EX	SECTION	SEC
GAS VALVE	GV	SEPTIC VENT	SEPV
GRID NORTH	GN	SQUARE FEET	SF
HIGHWAY EASEMENT	HE	STATE TRUNK HIGHWAY	STH
IDENTIFICATION	ID	STATION	STA
LAND CONTRACT	LC	TELEPHONE PEDESTAL	TP
LEFT	LT	TEMPORARY LIMITED EASEMENT	TLE
MONUMENT	MON	TRANSPORTATION PROJECT PLAT	TPP
NATIONAL GEODETIC SURVEY	NGS	UNITED STATES HIGHWAY	USH
NUMBER	NO	VOLUME	V

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WINNEBAGO COUNTY, NAD83 1997 IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND ARE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

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

BASIS FOR EXISTING RIGHT OF WAY

GOVERNMENT CORNERS PER WINNEBAGO COUNTY COORDINATE SYSTEM

SUBDIVISION PLATS
- TRANSPORTATION PROJECT PLAT 6180-22-00 AUGUST 25, 2014
- BRECONSHIRE MARCH 18, 1992
- FIRST ADDITION TO BRECONSHIRE APRIL 02, 1993
- LAKE BREEZE ASSESSOR'S PLAT NO. 1 JANUARY 24,1992
- MUELLER PLAT NOVEMBER 20,1981
- MELROSE PARK MAY 31,1911
- KARLEN SEPTEMBER 17, 1979
- WILLOW SPRINGS SUBDIVISION MARCH 31, 1994

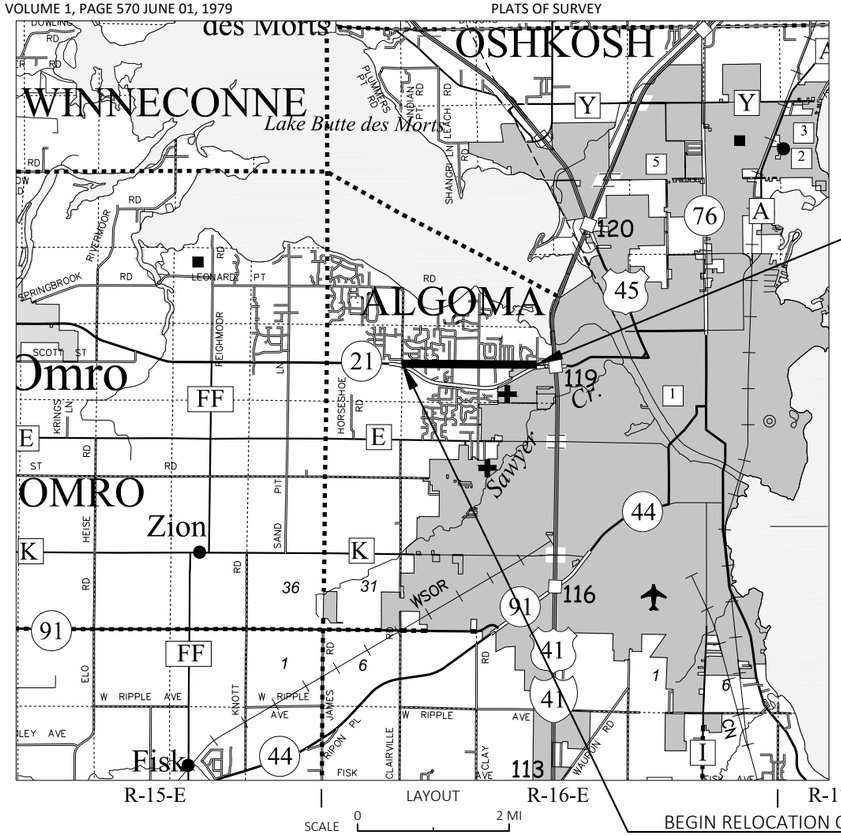
CERTIFIED SURVEY MAPS
- VOLUME 1, PAGE 2430 OCTOBER 17,1991
- VOLUME 1, PAGE 6003 OCTOBER 10,2006
- VOLUME 1, PAGE 3169 JUNE 5, 1995
- VOLUME 1, PAGE 3975 MAY 11, 1998
- VOLUME 1, PAGE 1947 DECEMBER 12, 1988
- VOLUME 1, PAGE 7185 JANUARY 24, 2017
- VOLUME 1 PAGE 655 SEPTEMBER 13, 1979
- VOLUME 1, PAGE 2916 MAY 24, 1994
- VOLUME 1, PAGE 2222 AUGUST 01, 1990
- VOLUME 1, PAGE 570 JUNE 01, 1979
- VOLUME 1, PAGE 3053 NOVEMBER 14, 1994
- VOLUME 1, PAGE 6295 SEPTEMBER 19, 2008
- VOLUME 1, PAGE 1463 OCTOBER 24, 1985
- VOLUME 1, PAGE 1059 OCTOBER 11, 1982
- VOLUME 1, PAGE 5578 AUGIST 22, 2012
- VOLUME 1, PAGE 1187 NOVEMBER 14, 1983
- VOLUME 1, PAGE 2502 APRIL 09, 1992
- VOLUME 1, PAGE 6058 MARCH 23, 2007
- VOLUME 1, PAGE 6957 JUNE 23, 2015
- VOLUME 1, PAGE 480 NOVEMBER 21, 1978
- VOLUME 1, PAGE 4082 OCTOBER 07, 1998
- VOLUME 1, PAGE 2161 APRIL 02, 1990
- VOLUME 1, PAGE 5415 JANUARY 16, 2004
- VOLUME 1, PAGE 5634 NOVEMBER 23, 2004
- VOLUME 1, PAGE 4676 NOVEMBER 16, 2000

DEEDS OF RECORD
- DOCUMENT NO. 711339 OCTOBER 26, 1988
- DOCUMENT NO. 1352709 APRIL 28, 2005

FOUND MONUMENTS AS SHOWN ON THIS PLAT OF RIGHT-OF-WAY

DEEDS OF RECORD

PLATS OF SURVEY



END RELOCATION ORDER STA 103+51.79
Y-478825.090 X-779929.882
1423.39' WEST AND 103.49' NORTH OF THE EAST 1/4 CORNER OF SECTION 16, TOWNSHIP 18 NORTH, RANGE 16 EAST

BEGIN RELOCATION ORDER STA 10+18.96
Y=478815.223 X=770594.729
18.96' EAST AND 0.22' SOUTH OF THE WEST 1/4 CORNER OF SECTION 17, TOWNSHIP 18 NORTH, RANGE 16 EAST

TOTAL NET LENGTH OF CENTERLINE = 1.768 MILES

CAUTION:
THIS PLAT IS FOR ILLUSTRATIVE PURPOSES ONLY. DEEDS MUST BE CHECKED TO DETERMINE PROPERTY BOUNDARIES.

R/W PROJECT NUMBER 6436-00-00	SHEET NUMBER	TOTAL SHEETS
R/W PROJECT NUMBER 6436-00-00	4.01	26

PLAT OF RIGHT OF WAY REQUIRED FOR

OMRO ROAD
LEONARD POINT RD - BROOKS LANE

OMRO ROAD	WINNEBAGO COUNTY

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PU8LIC, PURPOSE, Including THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN. TLE AREAS ARE TO THE FACE OF THE BUILDING FOR SLOPING, NOT WITHIN THE BUILDING.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

ORIGINAL PLANS PREPARED BY MCMAHON

WISCONSIN DAVID M. SCHMALZ S-1284 NEENAH WIS. LAND SURVEYOR

april 29, 2020 — DATE
David M. Schmalz — SIGNATURE

REVISION DATE
June 30, 2020
July 14, 2020
August 20, 2020
October 08, 2020

TOWN OF ALGOMA

DATE: 4/29/20 Richard Heath (Signature)

RICHARD HEATH (Print Name)

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\04-RW PLAT\TITLE SHEET OMRO ROAD RW PLAT.DWG
PLOT DATE : 10/30/2020 3:33 PM
PLOT BY : MIKE WRIGHT
PLOT NAME :

SCHEDULE OF LAND & INTEREST REQUIRED

PARCEL NUMBER	SHEET NUMBER	OWNER(S)	TAX KEY NUMBER	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES REQUIRED			TOTAL ACRES REMAINING	TLE ACRES	PLE ACRES
						NEW	EXISTING	TOTAL			
1	4.07, 4.08	ST. PAUL'S UNITED CHURCH OF CHRIST	002-0136-01	FEE/PLE/TLE	5.23	0.197		0.197	5.033	0.654	0.003
2	4.08	DAVID J. REYNOLDS AND BONITA M. BRENNAND	002-2899	TLE	0.36				0.360	0.085	
3	4.08	BRANDON T. LEITZ AND SHAWNA J. HARTMAN	002-2898	PLE/TLE	0.36				0.36	0.085	0.002
4	4.08	LOIS L. JAWORT	002-2897	PLE/TLE	0.36				0.36	0.090	0.002
5	4.08, 4.09	JASON R. LASEE	002-2896	TLE	0.36				0.36	0.090	
6	4.09	LARRY L. SEELOW AND JOSEL G. SEELOW	002-2895	PLE/TLE	0.39				0.39	0.092	0.002
7	4.07, 4.08	APEX CENTER LLC	002-0145-02-01	TLE	2				2	0.404	
8	4.08, 4.09	WALLACE W. WAGNER AND AUDREY R. WAGNER	002-0145-02	PLE/TLE	4.83				4.83	0.445	0.008
9	4.09	JAY R. JONES AND DINA M. JONES	002-0144-03-01	TLE	3.79				3.79	0.096	
11	4.09, 4.10	DEREK J. DODGE AND TAMI M. DODGE	002-0144-03	TLE	0.42				0.42	0.103	
12	4.10	JAMIE M. LUFT	002-0144-04	TLE	0.34				0.34	0.077	
13	4.09	JOSEPH C. SCHRAGE, II AND RHONDA M. SCHRAGE	002-2853	PLE/TLE	0.72				0.72	0.156	0.009
14	4.09, 4.10	DAVID M. BUELOW AND SUSAN F. BUELOW	002-2669	PLE/TLE	0.62				0.62	0.109	0.023
16	4.10	PAUL D. ZANGL AND MARY KRIS WYNGAARD	002-2667	TLE	0.28				0.28	0.085	
17	4.10	HEATHER BRICKHAM AND LINDSAY MARIE WAACK	002-2666	TLE	0.35				0.35	0.113	
18	4.10,4.11	WILLIAM J. AND MICHELLE L. HITCHCOCK	002-2645	TLE	0.31				0.31	0.083	
19	4.11	NATHAN ZEMKE AND EMILY M. RYAN	002-1135	TLE	0.36				0.36	0.034	
21	4.11	PETER D. ZUKAS AND WENDY S. ZUKAS	002-1136	TLE	0.34				0.34	0.041	
22	4.10	FRED P. LITJENS AND BETTY J. LITJENS	002-0144-05	PLE/TLE	0.34				0.34	0.097	0.005
23	4.10, 4.11	OSHKOSH CONGREGATION OF JEHOVAH'S WITNESSES, INC.	002-0144-02	FEE/TLE	3.78		0.142	0.142	3.638	0.111	
24	4.11	YANCY JON PIEPENBURG AND GEORGINA K. PIEPENBURG f/k/a GEORGINA K. ALBRIGHT	002-0143	FEE/TLE	0.8		0.122	0.122	0.678	0.096	
26	4.11	NORMAN C. SALOMON AND MARY L. SALOMON	002-0142 & 002-0142-01	FEE/TLE	0.74		0.110	0.110	0.630	0.100	
27	4.11	SANDRA HERNANDEZ	002-0141-01-02	TLE	0.53				0.53	0.039	
28	4.11, 4.12	JAMES D. KRESS AND EVELYN KRESS	002-0141-08	TLE	0.42				0.42	0.089	
29	4.11	BRADLEY L. WACHTEL	002-1137	TLE	0.38				0.38	0.062	
31	4.11	CHOUA YANG AND VANG M. LOR	002-1138	TLE	0.34				0.34	0.034	
32	4.11,4.12	HOLLY A. HELF	002-1139	TLE	0.34				0.34	0.034	
33	4.12	BRIAN F. BURGERT AND MICHELLE M. BURGERT	002-1140	TLE	0.94				0.94	0.105	
34	4.12	STEVEN R. HERZBERG AND CONNIE L. HERZBERG	002-0129-07-01	FEE/TLE	0.51		0.058	0.058	0.452	0.064	
36	4.12,4.13	SPINE PROPERTIES, LLC	002-0129-07	FEE/TLE	1.03		0.119	0.119	0.911	0.129	
37	4.13	NORMAN C. SALOMON	002-0129	FEE/TLE	4.46		0.090	0.090	4.370	0.115	
38	4.13	GARY L. RUHL AND DONNA J. RUHL	002-0129-19	FEE/TLE	0.74		0.105	0.105	0.635	0.171	
39	4.13	ANDREW ROBERT LOR	002-0129-05	FEE/TLE	0.54		0.076	0.076	0.464	0.124	
41	4.12	TODD A. AND CAROL A. WRIGHT	002-0141-06	TLE	0.41				0.41	0.086	
42	4.12,4.13	ROBERT J. DUTCHER AND KATHRYN M. DUTCHER	002-0154-01	TLE	1.61				1.61	0.140	
43	4.13	RICHARD P. GRAEBER AND SHERYL L. GRAEBER	002-0154-01-01	TLE	0.9				0.9	0.103	
44	4.13, 4.14	DANIEL J. WEISHEIPL AND KAREN S. SCHMIDT	002-0154-01-02	TLE	1.42				1.42	0.253	
46	4.13, 4.14	ROBERT A. LYNK	002-0129-01	FEE/TLE	0.72		0.102	0.102	0.618	0.098	

OWNER'S NAME ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE TOWN.

4

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REVISION DATE

DATE

GRID FACTOR

SCALE, FEET 0

HWY: OMRO ROAD

COUNTY: WINNEBAGO

STATE R/W PROJECT NUMBER 6436-00-00

CONSTRUCTION PROJECT NUMBER 6436-00-71

PLAT SHEET 4.02

PS&E SHEET 129

E

SCHEDULE OF LAND & INTEREST REQUIRED

PARCEL NUMBER	SHEET NUMBER	OWNER(S)	TAX KEY NUMBER	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TOTAL ACRES REMAINING	TLE ACRES	PLE ACRES
47	4.14	WENSI NOTINOKEY	002-0129-06	FEE/TLE	0.45		0.001		0.45	0.051	
48	4.14	CHRISTOPHER S. AND ANDREA J. KOTH	002-0129-08	TLE	0.45				0.45	0.051	
49	4.14,4.15	MARK E. TAYLOR AND ZHIHUI XIE	002-0128-05	TLE	0.67				0.67	0.106	
51	4.15	JAMES J. BUEHNER	002-0131 & 002-0128	TLE	6.51				6.51	0.203	
52	4.15	JENNIFER L. SHERRARD	002-0131-12	FEE/TLE	0.7		0.089		0.700	0.086	
53	4.16	OSHKOSH AREA SCHOOL DISTRICT	002-0131-09	FEE/TLE	0.6		0.076		0.600	0.073	
54	4.16	JERRY R. NELSON AND DEBORAH A NELSON	002-0131-08	FEE/PLE/TLE	0.63		0.083	0.083	0.547	0.056	0.001
56	4.16	RICHARD L. AND CAROL J. MUELLER	002-0131-10	FEE/PLE/TLE	0.78		0.098	0.098	0.682	0.066	0.001
57	4.16	DANIEL DAILEY	002-0131-07	FEE/PLE/TLE	0.78		0.095	0.095	0.685	0.063	0.004
58	4.16,4.17	KIM M. NERENHAUSEN AND REBECCA J. NERENHAUSEN	002-0131-06	FEE/TLE	0.9		0.114	0.114	0.786	0.076	
59	4.17,4.18	OSHKOSH AREA SCHOOL DISTRICT	002-0130	FEE/PLE/TLE	2.62	0.017	0.313	0.330	2.290	0.272	0.012
61	4.14	NICHOLAS A. MATIASH AND JODI S. MATIASH	002-0154-02	TLE	0.42				0.42	0.094	
62	4.14	K-REAL ESTATE, LLC	002-0151-01 & 002-0153-01	TLE	7.46				7.46	0.038	
63	4.14,4.15	TRINA M. LUEDTKE OBYDINE a/k/a TRINA OBYDINE	002-0153	TLE	1.7				1.7	0.198	
64	4.15	LENORA ELIZABETH LUEDTKE a/k/a LENORA E. LUEDTKE	002-0151	TLE	0.49				0.49	0.096	
66	4.15	ANTHONY G. KAUFMAN AND NANCY L. KAUFMAN	002-.150-01	FEE/TLE	1.02		0.117	0.117	0.903	0.089	
67	4.16	AMYSUE HARTMAN a/k/a AMYSUE F. HARTMAN	002-0150-03	PLE/TLE	0.68				0.68	0.067	0.001
68	4.16	BARTON W. STEINERT, JR. AND JANICE R. STEINERT	002-0150-03-01	PLE/TLE	0.64				0.64	0.109	0.003
69	4.16	JEAN D. LEONARD	002-0150-17	FEE/TLE	0.64		0.084	0.084	0.556	0.119	
71	4.16,4.17	GERALD F. NERENHAUSEN AND DOROTHY I. NERENHAUSEN as co-Trustees of the Nerenhausen Revocable Trust dated January 29, 2007,as amended and restated	002-0150 & 002-0150-04	TLE	19.9				19.9	0.231	
72	4.17	DANNY P. MORIEARTY AND KAREN A. MORIEARTY	002-0150-05	TLE	0.5				0.5	0.052	
73	4.17	TERRY MOREY AND MELISSA MOREY	002-0150-06	FEE/TLE	0.58		0.057	0.057	0.523	0.087	
74	4.17	RONNIE T. RIMBEY AND KATHLEEN A. RIMBEY	002-0150-07-02	PLE/TLE	0.46				0.46	0.076	0.002
76	4.17,4.18	CHRISTOPHER J. SLINGER AND DANIELLE N. SLINGER	002-0150-07-01	PLE/TLE	0.4				0.4	0.151	0.001
77	4.18,4.19	ALEXANDER IRVINE AND MARY JEAN IRVINE, Trustees of the Alexander and Mary Jean Irvine Revocable Trust dated February 7, 2007	002-0111	FEE/TLE	9.12		0.381	0.381	8.739	0.249	
78	4.19	BRIAN E. NIEBAUER, SR.	002-0111-03	FEE/TLE	0.87		0.132	0.132	0.738	0.088	
79	4.19	ALEXANDER IRVINE AND MARY JEAN IRVINE, Trustees of the Alexander and Mary Jean Irvine Revocable Trust dated February 7, 2007	002-0110	TLE	0.55				0.55	0.066	
81	4.19,4.20	OLD OMRO RD, LLC	002-0110-01	TLE	4.6				4.6	0.133	
82	4.20	JAMES W. CARLEY AND CHERYL A. CARLEY	002-2250	TLE	0.43				0.43	0.107	
83	4.18	CHRISTOPHER M. FOLSKE AND KIMBERLY E. KNOLL	002-0102-05	FEE/PLE/TLE	0.52		0.084	0.084	0.436	0.076	0.002
84	4.18	ZELHOFER REVOCABLE TRUST dtd July 30, 1998	002-0102-04	FEE/PLE/TLE	0.41		0.068	0.068	0.342	0.083	0.001
86	4.18	CHRISTOPHER J. GOYKE	002-0102-03	FEE/TLE	0.41		0.068	0.068	0.342	0.072	
87	4.18	KEITH B. WEICH	002-0102-02	FEE/TLE	0.41		0.068	0.068	0.342	0.065	
88	4.18,4.19	WILLIAM R. COFFMAN, JR.	002-0102-01	FEE/TLE	0.41		0.068	0.068	0.342	0.079	
89	4.19	CHARLES W. CARLSON AND SHARON M. CARLSON, trustee(s) or successors trustee(s) of the Carlson Trust, dated November 30, 2000, and any amendments thereto	002-0102-12	FEE/TLE	0.69		0.116	0.116	0.574	0.141	
91	4.19,4.20	OSHKOSH RE LLC	002-0102-16	FEE/TLE	2.37		0.262	0.262	2.108	0.254	
92	4.20	DC DYNAMICS PROPERTY S, LLC	002-0102-17	FEE/TLE	1.03		0.113	0.113	0.917	0.114	

OWNER'S NAME ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE TOWN.

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REVISION DATE

DATE

GRID FACTOR

SCALE, FEET 0

HWY: OMRO ROAD

COUNTY: WINNEBAGO

STATE R/W PROJECT NUMBER 6436-00-00

CONSTRUCTION PROJECT NUMBER 6436-00-71

PLAT SHEET 4.03

PS&E SHEET 130

E

FILE NAME : RW PLAT SOI.DWG
LAYOUT NAME - Sheet - (2)

PLOT DATE : 10/30/2020 3:33 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 75

SCHEDULE OF LAND & INTEREST REQUIRED

PARCEL NUMBER	SHEET NUMBER	OWNER(S)	TAX KEY NUMBER	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES REQUIRED			TOTAL ACRES REMAINING	TLE ACRES	PLE ACRES
						NEW	EXISTING	TOTAL			
93	4.2	TOWN OF ALGOMA	2010210	FEE/PLE/TLE	1.29		0.154	0.154	1.136	0.094	0.001
94	4.20,4.21	RICHARD G. TRITT	002-0708	PLE/TLE	0.43				0.43	0.088	0.001
96	4.21	THOMAS J. CORNELL AND JENNY K.R. CORNELL	002-0707	PLE/TLE	0.43				0.43	0.109	0.003
97	4.21	RKF PROPERTIES, LLC	002-0703 & 002-0704	TLE	0.43				0.43	0.079	
98	4.21,4.22	CHRISTINE A. MILLER, f/k/a CHRISTINE A. HAERTL	002-0701	TLE	0.43				0.43	0.181	
99	4.22	PATRICK M. KERRIGAN AND LYNN M. KERRIGAN	002-0698	TLE	0.43				0.43	0.143	
101	4.22	PATRICK M. KERRIGAN AND LYNN M. KERRIGAN	002-0694 & 002-0696	TLE	0.33				0.33	0.083	
102	4.22,4.23	GARY REUKAUF	002-0692	TLE	0.34				0.34	0.042	
103	4.20	SOMPORA EHANEY	002-0109-01	FEE/TLE	0.64		0.13	0.130	0.510	0.103	
104	4.20,4.21	ALEXANDER IRVINE AND MARY JEAN IRVINE, Trustees of the Alexander and Mary Jean Irvine Revocable Trust dated February 7, 2007 AND MARY JEAN IRVINE, as their interest may appear	002-0108	TLE	5				5	0.141	
106	4.21	GARANNE PROPERTIES, LLC	002-0107-02-01	PLE/TLE	1.9				1.9	0.156	0.001
107	4.21,4.22	THEDACARE, INC.	002-0107-02-02	TLE					0	0.128	
108	4.22,4.23	NATHAN S. WEYENBERG AND DEBRA JEAN WEYENBERG	91621540700	TLE	1.03				1.03	0.172	
109	4.23	JOHN H. REIGH	91621880000	FEE/TLE	0.27		0.051	0.051	0.219	0.093	
111	4.23	ROBERT M. FORBES AND KIM A. FORBES	91621870000	FEE/TLE	0.27		0.049	0.049	0.221	0.063	
112	4.23	CASEY L. ARNESON	916218601	FEE/TLE	0.434		0.08	0.080	0.354	0.085	
114	4.23	DALE J. KRESSIN AND JOANNE L. KRESSIN	91621840000	FEE/TLE	0.27		0.049	0.049	0.221	0.034	
116	4.23	MIKE & SON INVESTMENTS, LLC	91621830000	TLE	0.33				0.33	0.057	
117	4.23,4.24	CEAPE ST, OSHKOSH, LLC	91621820000	PLE/TLE	0.29				0.29	0.069	0.002
118	4.24	SHANE R. ROTH AND SARAH ROTH	91621800000 & 91621810000	FEE/TLE	0.38		0.095	0.095	0.285	0.107	
119	4.24	WISCONSIN DEPARTMENT OF TRANSPORTATION WISCONSIN DEPARTMENT OF TRANSPORTATION DIST #3	91621580000	PLE/TLE	4.33				4.33	0.116	0.053
121	4.24,4.25	WITTENBERG PROPERTIES, LLC	91621570000	PLE/TLE	1.39				1.39	0.121	0.009
122	4.25	TURN KEY AUTO SALES, LLC	91621560000	PLE/TLE	1.27				1.27	0.153	0.005
123	4.25	HORICON BANK	91621550000	TLE	0.93				0.93	0.06	
124	4.23	SHANNON L. AND ANGELA D. REETZ	002-0689 & 002-0690	TLE	0.54				0.54	0.097	
126	4.23	BEVERLY A. SEARVOGEL A/K/A BEVERLY SEARVOGEL	002-0688-01 & 002-0688-02	TLE	1.66				1.66	0.103	
127	4.23,	JACOB D. HINTZE AND COURTNEY A. HINTZE	002-2956	FEE/TLE	0.3	0.010		0.010	0.290	0.064	
128	4.23,4.24	JAMES R. BAUMANN AND TRACY L. BAUMANN	002-2957	FEE/TLE	0.31	0.009		0.009	0.301	0.064	
129	4.24	VICKI L. GILBERT	002-2958	FEE/TLE	0.33	0.008		0.008	0.322	0.107	
130	4.24	KAREN R. HANSEN	22959	TLE	0.48				0.48	0.005	
131	4.24	MARK RUCINSKI AND ROBERT RUCINSKI AS CO-TRUSTEES OF THE VIRGINIA E. WOJDAC IRREVOCABLE TRUST DATED FEBRUARY 2, 2018	002-2991	FEE/PLE/TLE	0.47	0.009		0.009	0.461	0.154	0.003
132	4.24,4.25	WILLIAM C. TIGERT	002-3018	FEE/TLE	0.35	0.004		0.004	0.346	0.093	
133	4.25	STEVEN M. PAULICK, JR. a/k/a STEVEN M. PAULICK AND DAWN M. PAULICK	002-3019	TLE	0.36				0.36	0.159	
134	4.25	THE BYTOF FAMILY LIMITED PARTNERSHIP	002-0088	TLE	0.74				0.74	0.097	
136	4.26	KAJ VENTURES, LLC	002-0088-05	TLE	1.34				1.34	0.026	
137	4.26	BROOKS LANE DENTAL CENTER, LLC, an undivided 1/2 interest, The Bytof Family Limited Partnership, a Wisconsin limited partnership, an undivided 1/4 interest, and KAJ Ventures, LLC, an undivided 1/4 interest (via Document Nos. 1352660, 1328437, 1113377)	002-0088-04	TLE	0.33				0.33	0.022	
200		TOWN OF ALGOMA		EXISTING EASEMENT RIGHTS			5.6				
300	4.23,4.24,4.25	WISCONSIN PUBLIC SERVICE		RELEASE OF RIGHTS							
301	4.23,4.24,4.25	CHARTER COMMUNICATIONS		RELEASE OF RIGHTS							
302	4.07, 4.23,4.24,4.25	AT&T WISCONSIN		RELEASE OF RIGHTS							
303	4.23,4.24,4.25	TRANSCANADA		RELEASE OF RIGHTS							
304	4.07	TOWN OF ALGOMA SANITARY DISTRICT NO. 1		RELEASE OF RIGHTS							

OWNER'S NAME ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE TOWN.

4

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REVISION DATE

DATE

GRID FACTOR

SCALE, FEET 0

HWY: OMRO ROAD

COUNTY: WINNEBAGO

STATE R/W PROJECT NUMBER 6436-00-00

CONSTRUCTION PROJECT NUMBER 6436-00-71

PLAT SHEET 4.04

PS&E SHEET 131

E

4

4

GN

TOWN

OF

ALGOMA

SW1/4 NW1/4
SEC. 17

SE1/4 NW1/4
SEC. 17

SW1/4 NE1/4
SEC. 17

SE1/4 NE1/4
SEC. 17

NW1/4 SW1/4
SEC. 17

NE1/4 SW1/4
SEC. 17

NW1/4 SE1/4
SEC. 17

NE1/4 SE1/4
SEC. 17

LEONARD POINT RD

WELSH HAVEN DR

LAKE BREEZE RD

TAMMY RD

VALLEY RD

N OAKWOOD RD

OMRO ROAD

S.T.H. 21

CAMBRIA CT

ELMHURST LN

HONEY CREEK RD

REVISION DATE	DATE	SCALE, FEET	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00	PLAT SHEET 4. 05
	GRID FACTOR	0	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71	PS&E SHEET 132 E

FILE NAME : OMRO ROAD LAYOUT.DWG
LAYOUT NAME - RW 1 IN 400 FT

PLOT DATE : 10/30/2020 3:33 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1:400

WISDOT/CADDS SHEET 75

GN

4

4

SW1/4 NE1/4
SEC. 17

SE1/4 NE1/4
SEC. 17

TOWN

SW1/4 NW1/4
SEC. 16

SE1/4 NW1/4
SEC. 16

OF

SW1/4 NE1/4
SEC. 16

VALLEY RD

N OAKWOOD RD

OMRO ROAD

OAKWOOD CIR

SHEBOYGAN ST

SHERRIN ST

CONRAD ST

KEWAUNEE ST

WILLOW SPRINGS RD

WILLOW BEND LN

BROOKS LN

HONEY CREEK RD

NW1/4 SE1/4
SEC. 17

NE1/4 SE1/4
SEC. 17

N OAKWOOD RD

NW1/4 SW1/4
SEC. 16

RAN-LIE ST

NE1/4 SW1/4
SEC. 16

EMMERS LN

CITY

OF

NW1/4 SE1/4
SEC. 16

ALGOMA

OSHKOSH

REVISION DATE	DATE	SCALE, FEET 0	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00	PLAT SHEET 4.06
	GRID FACTOR		COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71	PS&E SHEET 133 E

FILE NAME : OMRO ROAD LAYOUT.DWG
LAYOUT NAME - RW 1 IN 400 FT (2)

PLOT DATE : 10/30/2020 3:33 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1:400

WISDOT/CADDS SHEET 75

POINT	ALIGNMENT	STATION	OFFSET	Y COORDS	X COORDS
PRW 5	OMRO ROAD	13+94.96	33.00' LT	478843.670	770990.040
PRW 6	OMRO ROAD	12+48.35	33.00' LT	478864.289	770854.657
PRW 7	OMRO ROAD	12+14.52	33.00' LT	478873.990	770822.245
PRW 8	OMRO ROAD	10+67.91	33.00' LT	478897.376	770668.701
PRW 9	OMRO ROAD	10+36.37	33.00' LT	478897.739	770637.155

20' SANITARY SEWER EASEMENT

LEONARD POINT RD

10+31.71 104.00' TLE

10+61.88 104.00' TLE

10+34.90 174.05' TLE

10+64.87 75.91' TLE

10+65.26 54.00' TLE

10+35.61 33.79' TLE

10+67.91 33.00' R/W

TOWN OF

SW1/4 NW1/4 SEC. 17

① TAX KEY # 002013601
OWNER: ST. PAUL'S UNITED CHURCH OF CHRIST

RADIUS=558.00'
ARC LENGTH=155.82'
CHORD LENGTH=155.32'
CHORD BEARING=S81°20'22"E

REF. LINE
PI STA = 11+41.70
Y = 478863.527
X = 770742.100
DELTA = 16°00'00"
D = 10°54'49"
T = 73.78'
R = 525.00'
ARC LENGTH=146.61'
CHORD LENGTH=146.13'
CHORD BEARING=S81°20'22"E

12+14.52 33.00' R/W

12+49.69 87.35' TLE

UNPLATTED LANDS

WINNEBAGO COUNTY

RADIUS=492.00'
ARC LENGTH=137.39'
CHORD LENGTH=136.95'
CHORD BEARING=S81°20'18"E

12+48.35 33.00' R/W

12+62.49 48.93' TLE

SLOPE INTERCEPT

13+94.96 33.00' R/W

10+36.37 33.00' R/W

BEGIN RELOCATION ORDER
STA-10+18.96
Y-478864.942
X-770619.371

S89° 20' 22"E 31.55'

0.654 TLE FOR GRADING

S73° 20' 22"E 33.83'

SEC. LINE

R/L S89° 20' 22"E 117.91'

REF. LINE
10+67.91 PC
Y-478864.378
X-770668.321

N43° 05' 53"W 69.23'

N89° 20' 22"W

305.61'

REF. LINE
9+50.00 BP
Y-478865.737
X-770550.415

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478815.223
X=770594.729

10+84.78
16.74' TLE

S89° 20' 22"E 2671.79'
(CORNER TO CORNER)

S89° 20' 22"E

33.0'

R/L-S73° 20' 22"E 33.83'

1/4 LINE

REF. LINE
12+48.35 PC
Y-478832.674
X-770845.196

394.96'

OMRO ROAD

N00° 39' 38"E 33.00'

R/L-S89° 20' 22"E 2276.83'

REF. LINE
13+94.96 PT
Y-478810.669
X-770989.662

REF. LINE
12+14.52 PT
Y-478842.373
X-770812.786

11+50.13
77.52' TLE

11+55.96
107.14' TLE

0.404 TLE FOR GRADING

MATCH LINE STA 14+80

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478784.417
X=773266.343

REF. LINE
PI STA = 13+22.14
Y = 478811.520
X = 770915.883
DELTA = 16°00'00"
D = 10°54'49"
T = 73.78'
R = 525.00'
ARC LENGTH=146.61'
CHORD LENGTH=146.13'
CHORD BEARING=S81°20'22"E

ALGOMA

⑦ TAX KEY # 00201450201
OWNER: APEX CENTER LLC

LOT 1
CERTIFIED SURVEY MAP 2430
VOLUME 1 PAGE 2430
DOC NO. 778155

NW1/4 SW1/4 SEC. 17

S.T.H. 21

SEC LINE

GN

REVISION DATE	DATE	SCALE, FEET	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00	PLAT SHEET 4. 07
	GRID FACTOR	0	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71	PS&E SHEET 134 E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.07

PLOT DATE : 10/30/2020 3:34 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

PLE Line Table		
Line #	Length	Direction
L1	9.00'	N00°39'38"E
L2	13.10'	S89°20'22"E
L3	9.00'	S00°39'38"W
L4	13.10'	N89°20'22"W

PLE Line Table		
Line #	Length	Direction
L13	12.00'	N00°39'38"E
L14	7.90'	S89°20'22"E
L15	12.00'	S00°39'38"W
L16	7.90'	N89°20'22"W

PLE Line Table		
Line #	Length	Direction
L5	14.44'	S89°20'22"E
L6	25.00'	S00°39'38"W
L7	14.44'	N89°20'22"W
L8	25.00'	N00°39'38"E

PLE Line Table		
Line #	Length	Direction
L9	12.00'	N00°39'38"E
L10	7.90'	S89°20'22"E
L11	12.00'	S00°39'38"W
L12	7.90'	N89°20'22"W

TOWN OF ALGOMA

WINNEBAGO COUNTY

SW1/4 NW1/4 SEC. 17

NW1/4 SW1/4 SEC. 17

OMRO ROAD

1/4 LINE

20' DRAINAGE EASEMENT

20' SANITARY SEWER EASEMENT

10' UTILITY EASEMENT

15" CMP

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478815.223
X=770594.729

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478784.417
X=773266.343

MATCH LINE STA 14+80

MATCH LINE STA 19+60

S89°20'22"E 634.00'

S89°20'22"E 729.56'

R/L S89° 20' 22"E 2276.83'

S89° 20' 22"E 2671.79' (CORNER TO CORNER)

N00°39'38"E 33.00'

S00°39'38"W 33.00'

33.0'

16+34.00 33.00' PLE 42.00' PLE

16+47.10 33.00' PLE 42.00' TLE 64.00' TLE 70.00' TLE

17+47.10 33.00' PLE 45.00' PLE

17+55.00 33.00' PLE 45.00' PLE

18+47.10 33.00' PLE 45.00' PLE 70.00' TLE 72.00' TLE

18+55.00 33.00' PLE 45.00' PLE

17+29.56 33.00' PLE 58.00' PLE 63.00' TLE 73.00' TLE

17+44.00 33.00' PLE 58.00' PLE

SLOPE INTERCEPT

0.085 TLE FOR GRADING

0.090 TLE FOR GRADING

0.003 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE

0.002 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE

0.002 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE

0.008 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE

① TAX KEY # 002013601
OWNER: ST. PAUL'S UNITED CHURCH OF CHRIST

② TAX KEY #002289900
OWNER: BONITA M. BRENNAND
DAVID J. REYNOLDS

③ TAX KEY #002289800
OWNER: BRANDON T. LIETZ
& SHAWNA J. HARTMAN

④ TAX KEY #002289700
OWNER: LOIS L. JAWORT

⑦ TAX KEY # 00201450201
OWNER: APEX CENTER LLC

⑧ TAX KEY #002014502
OWNER: WALLACE W. &
AUDREY R. WAGNER

UNPLATTED LANDS

LOT 72 FIRST ADDITION TO BRECONSHIRE

LOT 71 FIRST ADDITION TO BRECONSHIRE

LOT 70 FIRST ADDITION TO BRECONSHIRE

LOT 1
CERTIFIED SURVEY MAP 2430
VOLUME 1 PAGE 2430
DOC NO. 778155

REVISION DATE

DATE

GRID FACTOR

SCALE, FEET 0

HWY: OMRO ROAD

COUNTY: WINNEBAGO

STATE R/W PROJECT NUMBER 6436-00-00

CONSTRUCTION PROJECT NUMBER 6436-00-71

PLAT SHEET 4. 08

PS&E SHEET 135

E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.08

PLOT DATE : 10/30/2020 3:34 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

PLE Line Table		
Line #	Length	Direction
L17	12.00'	N00°39'38"E
L18	7.90'	S89°20'22"E
L19	12.00'	S00°39'38"W
L20	7.90'	N89°20'22"W

PLE Line Table		
Line #	Length	Direction
L21	18.10'	N89°20'22"W
L22	21.00'	N00°39'38"E
L23	18.03'	S89°20'22"E
L24	21.00'	S00°28'48"W

TOWN OF ALGOMA

SW1/4 NW1/4 SEC. 17

NW1/4 SW1/4 SEC. 17

NE1/4 SW1/4 SEC. 17

WINNEBAGO COUNTY

WELSH HAVEN DR

OMRO ROAD

66.0'

1/16 LINE

60' DRAINAGE EASMENT

49'

11'

10' UTILITY EASMENT

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478815.223
X=770594.729

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478784.417
X=773266.343

STA 19+60

STA 24+40

MATCH LINE

MATCH LINE

S89°20'22"E 1047.10'

R/L-S89° 20' 22"E 2276.83'

S89° 20' 22"E 2671.79' (CORNER TO CORNER)

1/4 LINE

R/L OMRO RD 21+90.10
R/L WEST HAVEN CIRCLE 200+00
Y-478801.501
X-771784.747

33.0'

33.0'

0.090 TLE FOR GRADING

0.092 TLE FOR GRADING

0.002 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE

0.156 TLE FOR GRADING

0.009 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE

0.445 TLE FOR GRADING

0.096 TLE FOR GRADING

0.103 TLE FOR GRADING

SLOPE INTERCEPT

SLOPE INTERCEPT

20+47.10 33.00' PLE 45.00' PLE 65.00' TLE 72.00' TLE

20+55.00 33.00' PLE 45.00' PLE

21+45.10 65.00' TLE

21+57.10 33.00' TLE 106.00' TLE

21+45.10 106.00' TLE

22+23.10 33.00' TLE 103.00' TLE

22+33.10 103.00' TLE

22+33.10 65.00' TLE

24+34.02 57.00' TLE 65.00' TLE

24+23.03 54.00' PLE

24+05.00 33.00' PLE 54.00' PLE

24+23.10 33.00' PLE

22+14.13 59.00' TLE 73.00' TLE

23+74.57 59.00' TLE 73.00' TLE

TAX KEY #002289600
OWNER: JASON R. LASEE
LOT 69 FIRST ADDITION TO BRECONSHIRE

TAX KEY #002289500
OWNER: LARRY L. & JOSEL G. SEELOW
LOT 68 FIRST ADDITION TO BRECONSHIRE

TAX KEY #0022853
OWNER: JOSEPH C. II & RHONDA M. SCHRAGE
LOT 26 FIRST ADDITION TO BRECONSHIRE

TAX KEY #002014502
OWNER: WALLACE W. & AUDREY R. WAGNER
UNPLATTED LANDS

TAX KEY #00201440301
OWNER: JAY R. & DINA M. JONES
LOT 2
CERTIFIED SURVEY MAP 6003
VOLUME 1 PAGE 6003
DOC NO. 1417064

TAX KEY #002014403
OWNER: DEREK J. & TAMI M. DODGE
LOT 1
CERTIFIED SURVEY MAP 6003
VOLUME 1 PAGE 6003
DOC NO. 1417064

REVISION DATE	DATE	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00
	GRID FACTOR	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71
SCALE, FEET 0			PLAT SHEET 4. 09
			PS&E SHEET 136 E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.09

PLOT DATE : 10/30/2020 3:34 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

TOWN OF WINNEBAGO COUNTY

SE1/4 NW1/4 SEC. 17

PLE Line Table		
Line #	Length	Direction
L25	78.10'	N89°20'22"W
L26	13.00'	N00°39'38"E
L27	78.06'	S89°20'22"E
L28	13.00'	S00°28'48"W

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478815.223
X=770594.729

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478784.417
X=773266.343

STA 24+40

STA 29+20

MATCH LINE

MATCH LINE

OMRO ROAD

SNOWDON DR

CAMBRIA CT

ALGOMA

NE1/4 SW1/4 SEC. 17

S89° 20' 22"E 2671.79' (CORNER TO CORNER)

S89°20'22"E 1816.57'

1/4 LINE

25 R/L-S89° 20' 22"E 2276.83'

R/L OMRO RD 26+51.57
R/L CAMBRIA COURT 210+00
Y-478796.180
X-772246.189

R/L OMRO RD 28+55.71
R/L SNOWDON DRIVE 220+00
Y-478793.827
X-772450.314

S00°39'38"W 33.00'

66.0'

8' UTILITY EASMENT

0.109 TLE FOR GRADING

0.085 TLE FOR GRADING

0.113 TLE FOR GRADING

0.077 TLE FOR GRADING

0.097 TLE FOR GRADING

0.111 TLE FOR GRADING

0.023 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE

0.005 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE

SLOPE INTERCEPT

SLOPE INTERCEPT

25+40.00 33.00' PLE 46.00' PLE

26+18.02 57.00' TLE

26+17.97 74.00' TLE

26+18.06 46.00' PLE

26+18.10 33.00' PLE

28+22.49 96.00' TLE

28+12.48 96.00' TLE

28+12.71 74.00' TLE

28+22.71 33.00' TLE

28+88.71 33.00' TLE

28+88.65 92.00' TLE

29+01.65 92.00' TLE

29+01.71 61.00' TLE

24+86.57 98.00' TLE 73.00' TLE

26+11.57 58.00' TLE 68.00' TLE

26+18.57 68.00' TLE 33.00' TLE

26+84.57 65.00' TLE 33.00' TLE

27+98.00 33+00 PLE 45.00' PLE

28+16.57 33.00' PLE 45.00' PLE 59.00' TLE 65.00' TLE

LOT 23 BRECONSHIRE

LOT 22 BRECONSHIRE

(14) TAX KEY #0022669
OWNER: DAVID M. & SUSAN F. BUELOW
LOT 1
CERTIFIED SURVEY MAP 3975
VOLUME 1 PAGE 3975
DOC NO. 1008507

(16) TAX KEY #0022667
OWNER: PAUL D. ZANGL & MARY KRIS WYNGAARD

(17) TAX KEY #0022666
OWNER: HEATHER BRICKHAM & LINDSAY MARIE WAACK

(11) TAX KEY #002014403
OWNER: DEREK J. & TAMI M. DODGE
LOT 1
CERTIFIED SURVEY MAP 6003
VOLUME 1 PAGE 6003
DOC NO. 1417064

(12) TAX KEY #002014404
OWNER: JAMIE M. LUFT
LOT 1
CERTIFIED SURVEY MAP 3169
VOLUME 1 PAGE 3169
DOC NO. 906196

(22) TAX KEY #002014405
OWNER: FRED P. & BETTY J. LITJENS
LOT 2
CERTIFIED SURVEY MAP 3169
VOLUME 1 PAGE 3169
DOC NO. 906196

(23) TAX KEY #002014402
OWNER: OSHKOSH CONGREGATION OF JEHOVAH'S WITNESSES INC.
LOT 1
CERTIFIED SURVEY MAP 1947
VOLUME 1 PAGE 1947
DOC NO. 714080

PLE Line Table		
Line #	Length	Direction
L29	12.00'	S00°39'38"W
L30	18.57'	N89°20'22"W
L31	12.00'	N00°39'38"E
L32	18.57'	S89°20'22"E

REVISION DATE	DATE	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00
	GRID FACTOR	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71
SCALE, FEET 0			PLAT SHEET 4. 10
			PS&E SHEET 137

E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.10

PLOT DATE : 10/30/2020 3:34 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

4

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478815.223
X=770594.729

SE1/4 NW1/4
SEC. 17

TOWN

OF

WINNEBAGO COUNTY

ALGOMA

NE1/4 SW1/4
SEC. 17

GN

18
TAX KEY #0022645
OWNER: WILLIAM J. & MICHELLE L. HITCHCOCK
LOT 1 BRECONSHIRE

19
TAX KEY #0021135
OWNER: NATHAN ZEMKE & EMILY M. RYAN
LOT 1 LAKE BREEZE ASSESSOR'S PLAT NO. 1

21
TAX KEY #0021136
OWNER: PETER D. & WENDY S. ZUKAS
LOT 2 LAKE BREEZE ASSESSOR'S PLAT NO. 1

29
TAX KEY #0021137
OWNER: BRADLEY L. WACHTEL
LOT 3 LAKE BREEZE ASSESSOR'S PLAT NO. 1

31
TAX KEY #0021138
OWNER: CHOUA YANG & VANG M. LOR
LOT 4 LAKE BREEZE ASSESSOR'S PLAT NO. 1

23
TAX KEY #002014402
OWNER: OSHKOSH CONGREGATION OF JEHOVAH'S WITNESSES INC.
LOT 1
CERTIFIED SURVEY MAP 1947
VOLUME 1 PAGE 1947
DOC NO. 714080

24
TAX KEY #0020143
OWNER: YANCY JON & GEORGINA K. PIEPENBURG
UNPLATTED LANDS

26
TAX KEY #002014201
OWNER: NORMAN C. & MARY L. SALOMON
UNPLATTED LANDS

26
TAX KEY #0020142
OWNER: NORMAN C. & MARY L. SALOMON
UNPLATTED LANDS

27
TAX KEY #00201410102
OWNER: SANDRA HERNANDEZ
LOT 2
CERTIFIED SURVEY MAP 7185
VOLUME 1 PAGE 7185
DOC NO. 1732651

LAKE BREEZE RD
OMRO ROAD
200
60.0'
231
P/L
SAN
MB
OH
G
GV
FO
W
SS
STA 29+20
STA 34+00
MATCH LINE
MATCH LINE
33.0'
35.0'
30
31
32
1/4 LINE
R/L-S89° 20' 22"E 2276.83'
S89° 20' 22"E 2671.79'
(CORNER TO CORNER) 33
R/L OMRO RD 31+83.94
R/L LAKE BREEZE ROAD 230+00
Y-478790.042
X-772778.522
0.083 TLE FOR GRADING
0.034 TLE FOR GRADING
0.041 TLE FOR GRADING
0.062 TLE FOR GRADING
0.034 TLE FOR GRADING
0.096 TLE FOR GRADING
0.100 TLE FOR GRADING
0.039 TLE FOR GRADING
SLOPE INTERCEPT
SLOPE INTERCEPT
30+03.62 61.00' TLE
30+03.64 55.00' TLE
31+45.74 55.00' TLE
31+53.61 90.00' TLE
31+45.61 90.00' TLE
31+53.81 35.00' TLE
32+13.81 35.00' TLE
32+13.38 155.00' TLE
32+23.38 155.00' TLE
32+23.74 55.00' TLE
31+64.30 59.00' TLE
31+64.28 63.00' TLE
33+09.86 63.00' TLE
33+09.86 61.00' TLE
33+91.69 59.00' TLE
33+91.69 61.00' TLE
36"
28"
30"
48"
20"
12"
10"

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478784.417
X=773266.343

4

REVISION DATE	DATE	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00
	GRID FACTOR	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71
	SCALE, FEET 0		PLAT SHEET 4. 11
			PS&E SHEET 138 E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.11
PLOT DATE : 10/30/2020 3:34 PM
PLOT BY : MIKE WRIGHT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

TOWN OF ALGOMA

WINNEBAGO COUNTY

GN

SE1/4 NW1/4 SEC. 17

SW1/4 NE1/4 SEC. 17

NE1/4 SW1/4 SEC. 17

NW1/4 SE1/4 SEC. 17

4

4

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478815.223
X=770594.729

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478737.447
X=775938.135

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478784.417
X=773266.343

32
TAX KEY #0021139
OWNER: HOLLY A. HELF
LOT 5 LAKE BREEZE ASSESSOR'S PLAT NO. 1

33
TAX KEY #0021140
OWNER: BRIAN F. & MICHELLE M. BURGERT
LOT 6 LAKE BREEZE ASSESSOR'S PLAT NO. 1

34
TAX KEY #00201290701
OWNER: STEVEN R. & CONNIE L. HERZBERG
TRACT 1 CERTIFIED SURVEY MAP 655 VOLUME 1 PAGE 655 DOC NO. 540093

36
TAX KEY #002012907
OWNER: SPINE PROPERTIES, LLC
UNPLATTED LANDS

28
TAX KEY #002014108
OWNER: JAMES D. & EVELYN KRESS
UNPLATTED LANDS

41
TAX KEY #002014106
OWNER: TODD A. & CAROL A. WRIGHT
UNPLATTED LANDS

42
TAX KEY #002015401
OWNER: ROBERT J. & KATHRYN M. DUTCHER
LOT 1 CERTIFIED SURVEY MAP 2916 VOLUME 1 PAGE 2916 DOC NO. 876755

P/L

1/4 LINE

UNPLATTED LANDS

SLOPE INTERCEPT

0.034 TLE FOR GRADING

0.105 TLE FOR GRADING

0.064 TLE FOR GRADING

0.129 TLE FOR GRADING

0.089 TLE FOR GRADING

0.086 TLE FOR GRADING

0.140 TLE FOR GRADING

36+48.88 55.00' TLE 60.00' TLE

36+71.89 69.00' TLE

36+71.88 60.00' TLE

36+71.89 33.00' TLE

36+71.84 35.00' TLE

REF. LINE 36+71.79 PI Y=478784.417 X=773266.343

R/L OMRO RD 35+71.79
R/L ELMHURST LANE 240+00.00
Y=478785.570
X=773166.349

35 R/L-S89° 20' 22"E 2276.83'

S89° 20' 22"E 2671.79'
(CORNER TO CORNER)

R/L&S/L S88° 59' 34"E 2672.20'

S88° 59' 34"E 2672.20'
(CORNER TO CORNER)

OMRO ROAD

MATCH LINE STA 34+00

MATCH LINE STA 38+80

35+41.65 33.00' TLE

35+41.54 59.00' TLE

36+01.65 33.00' TLE

36+01.55 58.00' TLE

37+51.89 58.00' TLE

37+51.90 63.00' TLE

60.0'

ELMHURST LN

35.0'

33.0'

200

239

WELL

8"X3

5"X3

3"X4

6"X2

24"

26"

32"

40"

15"

12"

11"

10"

REVISION DATE	DATE	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00
	GRID FACTOR	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71
	SCALE, FEET 0		PLAT SHEET 4. 12
			PS&E SHEET 139 E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.12

PLOT DATE : 10/30/2020 3:35 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

4

BERNTSEN ALUMINUM
MONUMENT FOUND
Y=478784.417
X=773266.343

TOWN OF WINNEBAGO COUNTY

SW1/4 NE1/4
SEC. 17

(37) TAX KEY #0020129
OWNER: NORMAN C. SALOMON
LOT 1
CERTIFIED SURVEY MAP 2222
VOLUME 1 PAGE 2222
DOC NO. 749380

(38) TAX KEY #002012919
OWNER: GARY L. &
DONNA J. RUHL
LOT 2
CERTIFIED SURVEY MAP 2222
VOLUME 1 PAGE 2222
DOC NO. 749380

(39) TAX KEY #002012905
OWNER: ANDREW ROBERT LOR
UNPLATTED
LANDS

39+04.77
69.00' TLE

39+04.72
75.00' TLE

40+23.72
75.00' TLE

40+23.65
87.00' TLE

42+61.36
87.00' TLE

SLOPE INTERCEPT

0.115 TLE FOR GRADING

0.171 TLE FOR GRADING

0.124 TLE FOR GRADING

42+61.71
33.00' TLE

43+27.72
33.00' TLE

43+27.51
65.00' TLE

66.0'

TAMMY RD

OMRO ROAD

33.0'

200

R/L OMRO RD 42+95.80
R/L TAMMY ROAD 250+00.00
Y-478773.449
X-773890.253

STA 38+80

MATCH LINE

39 R/L&S/L-S88° 59' 34"E 2672.20' 40

S88° 59' 34"E 2672.20'
(CORNER TO CORNER) 41 1/4 LINE 42 43

STA 43+60

MATCH LINE

0.103 TLE FOR GRADING

0.253 TLE FOR GRADING

SLOPE INTERCEPT

(42) TAX KEY #002015401
OWNER: ROBERT J. &
KATHRYN M. DUTCHER
LOT 1
CERTIFIED SURVEY MAP 2916
VOLUME 1 PAGE 2916
DOC NO. 876755

(43) TAX KEY #00201540101
OWNER: RICHARD P. &
SHERYL L. GRAEBER
LOT 2
CERTIFIED SURVEY MAP 2916
VOLUME 1 PAGE 2916
DOC NO. 876755

(44) TAX KEY #00201540102
OWNER: DANIEL J. WEISHEIPL
& KAREN S. SCHMIDT
LOT 3
CERTIFIED SURVEY MAP 2916
VOLUME 1 PAGE 2916
DOC NO. 876755

ALGOMA

NW1/4 SE1/4
SEC. 17

BERNTSEN ALUMINUM
MONUMENT FOUND
Y=478737.447
X=775938.135

4

GN

T 18 N 17 R 16 E

T 18 N 17 16 R 16 E

REVISION DATE	DATE	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00
	GRID FACTOR	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71
SCALE, FEET 0			PLAT SHEET 4. 13
			PS&E SHEET 140 E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.13

PLOT DATE : 10/30/2020 3:35 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

TOWN OF WINNEBAGO COUNTY

SW1/4 NE1/4
SEC. 17

TOP STOOP
775.027

TOP WELL
769.844

GN

63.0'

VALLEY RD

46
TAX KEY #002012901
OWNER: ROBERT A. LYNK
UNPLATTED LANDS

47
TAX KEY #002012906
OWNER: WENSI NOTINOKEY
UNPLATTED LANDS

48
TAX KEY #002012908
OWNER: CHRISTOPHER S. & ANDREA J. KOTH
UNPLATTED LANDS

49
TAX KEY #002012805
OWNER: TAYLOR, MARK E. TAYLOR & ZHIHUI XIE
UNPLATTED LANDS

MB 1220

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478784.417
X=773266.343

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478737.447
X=775938.135

44+61.51
65.00' TLE
44+61.54
60.48' TLE
45+61.54
60.96' TLE
46+61.54
61.37' TLE
SLOPE INTERCEPT
47+24.45
74.74' TLE
47+44.45
74.84' TLE
47+44.54
61.84' TLE
47+25.62
39.68' TLE

0.098 TLE FOR GRADING
0.051 TLE FOR GRADING
0.051 TLE FOR GRADING
0.106 TLE FOR GRADIN

44+62.65
33.00' TLE
44+62.61
38.38' TLE
46+61.68
39.44' TLE

STA 43+60
STA 48+40

33.0'

R/L OMRO RD 45+06.23
R/L HONEY CREEK ROAD 260+00.00
Y-478769.750
X-774100.655

OMRO ROAD
S88° 59' 34"E 2672.20'
(CORNER TO CORNER)

1/4 LINE

R/L&S/L-S88° 59' 34"E 2672.20'

R/L OMRO RD 46+94.30
R/L VALLEY ROAD 270+00
Y-478766.444
X-774288.696

MATCH LINE

200

44+73.67
33.00' TLE
45+39.67
33.00' TLE

0.094 TLE FOR GRADING
0.038 TLE FOR GRADING
0.198 TLE FO

HONEY CREEK RD

61
SLOPE INTERCEPT
45+50.02
59.00' TLE
46+90.06
59.00' TLE
46+90.09
61.43' TLE
47+56.08
61.11' TLE
47+56.21
71.11' TLE

TAX KEY #002015402
OWNER: NICHOLAS A. & JODI S. MATIASH
TRACT 2
CERTIFIED SURVEY MAP 570
VOLUME 1 PAGE 570
DOC NO. 534212

44
TAX KEY #00201540102
OWNER: DANIEL J. WEISHEIPL & KAREN S. SCHMIDT
LOT 3
CERTIFIED SURVEY MAP 2916
VOLUME 1 PAGE 2916
DOC NO. 876755

44+74.07
63.00' TLE

66.0'

45+50.63
105.00' TLE
45+40.63
105.00' TLE

63
TAX KEY #0020153
OWNER: TRINA M. LUEDTKE OBYDINE
LOT 2
CERTIFIED SURVEY MAP 6295
VOLUME 1 PAGE 6295
DOC NO. 1483627

62
TAX KEY #002015301
OWNER: K-REAL ESTATE LLC
LOT 1
CERTIFIED SURVEY MAP 3053
VOLUME 1 PAGE 3053
DOC NO. 891554

62
TAX KEY #002015101
OWNER: K-REAL ESTATE LLC
LOT 2
CERTIFIED SURVEY MAP 3053
VOLUME 1 PAGE 3053
DOC NO. 891554

ALGOMA

NW1/4 SE1/4
SEC. 17

REVISION DATE	DATE	SCALE, FEET	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00	PLAT SHEET 4. 14	
	GRID FACTOR	0	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71	PS&E SHEET — 141	E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.14

PLOT DATE : 10/30/2020 3:35 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

4

4

GN

SW1/4 NE1/4
SEC. 17

SE1/4 NE1/4
SEC. 17

1/16 LINE

(49) TAX KEY #002012805
OWNER: TAYLOR, MARK E.
TAYLOR & ZHIHUI XIE
UNPLATTED
LANDS

(51) TAX KEY #0020128
OWNER: JAMES J. BUEHNER
UNPLATTED
LANDS

(51) TAX KEY #0020131
OWNER: JAMES J. BUEHNER
UNPLATTED
LANDS

(52) TAX KEY #002013112
OWNER: JENNIFER L. SHERRARD
UNPLATTED
LANDS

TOWN OF WINNEBAGO COUNTY

P/L

BERNTSEN ALUMINUM
MONUMENT FOUND
Y=478784.417
X=773266.343

BERNTSEN ALUMINUM
MONUMENT FOUND
Y=478737.447
X=775938.135

49+22.06
72.68' TLE

49+22.08
62.68' TLE

50+23.46
73.17' TLE

51+23.51
65.00' TLE

SLOPE INTERCEPT

0.203 TLE FOR GRADING

0.086 TLE FOR GRADING

OMRO ROAD

33.0'

(200) S88° 59' 34"E 2672.20'
(CORNER TO CORNER)

R/L&S/L-S88° 59' 34"E 2672.20'

1/4 LINE

STA 48+40

STA 53+20

MATCH LINE

MATCH LINE

49 50 51 52 53

(200)

0.096 TLE FOR GRADING

0.089 TLE FOR GRADING

49+72.82
68.00' TLE

49+23.23
70.31' TLE

50+01.87
68.00' TLE

50+01.83
63.00' TLE

SLOPE INTERCEPT

51+41.82
63.00' TLE

51+41.78
58.00' TLE

(63) TAX KEY #0020153
OWNER: TRINA M. LUEDTKE OBYDINE

LOT 2
CERTIFIED SURVEY MAP 6295
VOLUME 1 PAGE 6295
DOC NO. 1483627

NW1/4 SE1/4
SEC. 17

1/16 LINE

(64) TAX KEY #0020151
OWNER: LENORA ELIZABETH LUEDTKE
a/k/a LENORA E. LUEDTKE

LOT 1
CERTIFIED SURVEY MAP 6295
VOLUME 1 PAGE 6295
DOC NO. 1483627

(66) TAX KEY #002015001
OWNER: ANTHONY G. &
NANCY L. KAUFMAN

UNPLATTED
LANDS

ALGOMA

NE1/4 SE1/4
SEC. 17

REVISION DATE	DATE	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00
	GRID FACTOR	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71
	SCALE, FEET 0		PLAT SHEET 4. 15
			PS&E SHEET 142

E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.15

PLOT DATE : 10/30/2020 3:35 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

PLE Line Table		
Line #	Length	Direction
L40	12.00'	N01°00'26"E
L41	5.36'	S88°59'34"E
L42	12.00'	S00°54'37"W
L43	5.38'	N88°59'34"W

Line #	Length	Direction
L42	12.00'	S00°54'37"W
L103	4.64'	S88°59'34"E
L104	12.00'	S01°00'26"W
L105	4.62'	N88°59'34"W

PLE Line Table		
Line #	Length	Direction
L44	17.00'	N00°54'37"E
L45	9.77'	S88°59'34"E
L46	17.00'	S01°00'26"W
L47	9.74'	N88°59'34"W

PLE Line Table		
Line #	Length	Direction
L33	17.00'	S01°07'40"W
L34	3.42'	N88°59'34"W
L35	17.00'	N01°00'26"E
L36	3.45'	S88°59'34"E

Line Table		
Line #	Length	Direction
L33	17.00'	S01°07'40"W
L37	6.55'	S88°59'34"E
L38	17.00'	S01°00'26"W
L39	6.58'	N88°59'34"W

TOWN OF WINNEBAGO COUNTY

ALGOMA

(53) TAX KEY #002013109
OWNER: OSHKOSH AREA SCHOOL DISTRICT
UNPLATTED LANDS

(54) TAX KEY #002013108
OWNER: JERRY R. & DEBORAH A. NELSON
UNPLATTED LANDS

(56) TAX KEY #002013110
OWNER: RICHARD L. & CAROL J. MUELLER
UNPLATTED LANDS

(57) TAX KEY #002013107
OWNER: DANIEL DAILEY
UNPLATTED LANDS

(67) TAX KEY #002015003
OWNER: AMYSUE HARTMAN
LOT 1
CERTIFIED SURVEY MAP 1463
VOLUME 1 PAGE 1463
DOC NO. 640543

(68) TAX KEY #00201500301
OWNER: BARTON W. JR JANICE R. STEINERT
LOT 2
CERTIFIED SURVEY MAP 1463
VOLUME 1 PAGE 1463
DOC NO. 640543

(69) TAX KEY #002015017
OWNER: JEAN D. LEONARD
UNPLATTED LANDS

(71) TAX KEY #00020150
OWNER: GERALD F. NERENHAUSEN & DOROTHY I. NERENHAUSEN AS COTRUSTEES OF THE NERENHAUSEN REVOCABLE TRUST DATE JANUARY 29, 2007
UNPLATTED LANDS

SE1/4 NE1/4 SEC. 17

NE1/4 SE1/4 SEC. 17

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478784.417
X=773266.343

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478737.447
X=775938.135

54+15.21 65.00' TLE
54+15.22 55.00' TLE
55+20.00 33.00' PLE 45.00' PLE
55+30.00 33.00' LE 45.00' PLE
56+55.23 33.00' PLE 50.00' PLE
56+65.00 33.00' PLE 50.00' PLE
SLOPE INTERCEPT

0.073 TLE FOR GRADING
0.056 TLE FOR GRADING
0.066 TLE FOR GRADING
0.063 TLE FOR GRADING

0.001 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE
0.001 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE
0.004 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE

S88° 59' 34"E 2672.20' (CORNER TO CORNER)
S88°59'34"E 135.26'
N01°00'26"E 33.00'
1/4 LINE
R/L&S/L-S88° 59' 34"E 2672.20'

54 55 56 57

STA 53+20 STA 58+00

MATCH LINE MATCH LINE

OMRO ROAD

33.0' 33.0'

0.067 TLE FOR GRADING
0.109 TLE FOR GRADING
0.119 TLE FOR GRADING
0.231 TLE FOR GRADING

54+10.00 33.00' PLE 50.00' PLE
54+13.40 58.00' TLE
0.001 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE
0.003 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE
54+13.36 77.00' TLE
54+20.00 33.00' PLE 50.00' PLE
55+21.51 77.00' TLE
55+21.51 80.00' TLE
SLOPE INTERCEPT
56+31.98 67.00' TLE
56+31.99 80.00' TLE

REVISION DATE	DATE	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00
	GRID FACTOR	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71
	SCALE, FEET 0		PLAT SHEET 4. 16
			PS&E SHEET 143 E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.16
PLOT DATE : 10/30/2020 3:35 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 75

4

(58)
TAX KEY #002013106
OWNER: KIM M. &
REBECCA J. NERENHAUSEN
UNPLATTED
LANDS

(59)
TAX KEY #0020130
OWNER: OSHKOSH AREA
SCHOOL DISTRICT
UNPLATTED
LANDS

SE1/4 NE1/4
SEC. 17

TOWN OF

WINNEBAGO
COUNTY

PLE Line Table		
Line #	Length	Direction
L48	21.00'	N01°00'26"E
L49	25.00'	S88°59'34"E
L50	21.00'	S01°00'26"W
L51	25.00'	N88°59'34"W

GN

BERNTSEN ALUMINUM
MONUMENT FOUND
Y=478784.417
X=773266.343

BERNTSEN ALUMINUM
MONUMENT FOUND
Y=478737.447
X=775938.135

T 18 N
R 16 E
17

T 18 N
R 16 E
17 16

STA 58+00

STA 62+80

MATCH LINE

MATCH LINE

59+30.13
35.00' R/W

SLOPE INTERCEPT

61+15.00
33.00' PLE
54.00' PLE

61+40.00
33.00' PLE
54.00' PLE

61+80.82
55.00' TLE

61+80.79
65.00' TLE

L48 L49 L50 L51

0.076 TLE FOR GRADING

0.272 TLE FOR GRADING

OMRO ROAD

35.0'

33.0'

33.0'

S88° 59' 34"E 2672.20'
(CORNER TO CORNER)

R/L&S/L-S88° 59' 34"E 2672.20'

1/4 LINE

N01°00'26"E
33.00'

0.012 PLE FOR STORM SEWER
INSTALLATION & MAINTENANCE

N88°59'34"W 229.00'

0.002 PLE FOR STORM SEWER
INSTALLATION & MAINTENANCE

0.001 PLE FOR STORM SEWER
INSTALLATION & MAINTENANCE

L55 L56 L54 L53 L52

0.052 TLE FOR GRADING

0.087 TLE FOR GRADING

0.076 TLE FOR GRADING

0.151 TLE FOR GRADING

58+10.63
67.00' TLE

58+10.70
73.00' TLE

59+10.58
63.00' TLE

59+10.70
73.00' TLE

59+85.58
63.00' TLE

59+85.70
73.00' TLE

SLOPE INTERCEPT

60+60.70
73.00' TLE

60+60.88
88.00' TLE

60+94.74
66.00' TLE
88.00' TLE

61+55.00
33.00' PLE
45.00' PLE

61+61.87
66.00' TLE

61+61.77
77.00' TLE

61+65.00
33.00' PLE
45.00' PLE

(71)
TAX KEY #002015004
OWNER: GERALD F. NERENHAUSEN &
DOROTHY I. NERENHAUSEN AS COTRUSTEES
OF THE NERENHAUSEN REVOCABLE TRUST
DATE JANUARY 29, 2007
UNPLATTED
LANDS

(72)
TAX KEY #002015005
OWNER: DANNY P. &
KAREN A. MORIEARTY
UNPLATTED
LANDS

(73)
TAX KEY #002015006
OWNER: TERRY &
MELISSA MOREY
UNPLATTED
LANDS

(74)
TAX KEY #00201500702
OWNER: RONNIE T. &
KATHLEEN A. RIMBEY
TRACT 3
CERTIFIED SURVEY MAP 615
VOLUME 1 PAGE 615
DOC NO. 536851

(76)
TAX KEY #00201500701
OWNER: CHRISTOPHER J. &
DANIELLE N. SLINGER
TRACT 2
CERTIFIED SURVEY MAP 615
VOLUME 1 PAGE 615
DOC NO. 536851

PLE Line Table		
Line #	Length	Direction
L52	12.00'	N01°30'55"E
L53	7.06'	N88°59'34"W
L54	12.00'	N01°00'26"E
L55	7.16'	S88°59'34"E

Line Table		
Line #	Length	Direction
L52	12.00'	N01°30'55"E
L56	2.84'	S88°59'34"E
L57	12.00'	S01°00'26"W
L58	2.94'	N88°59'34"W

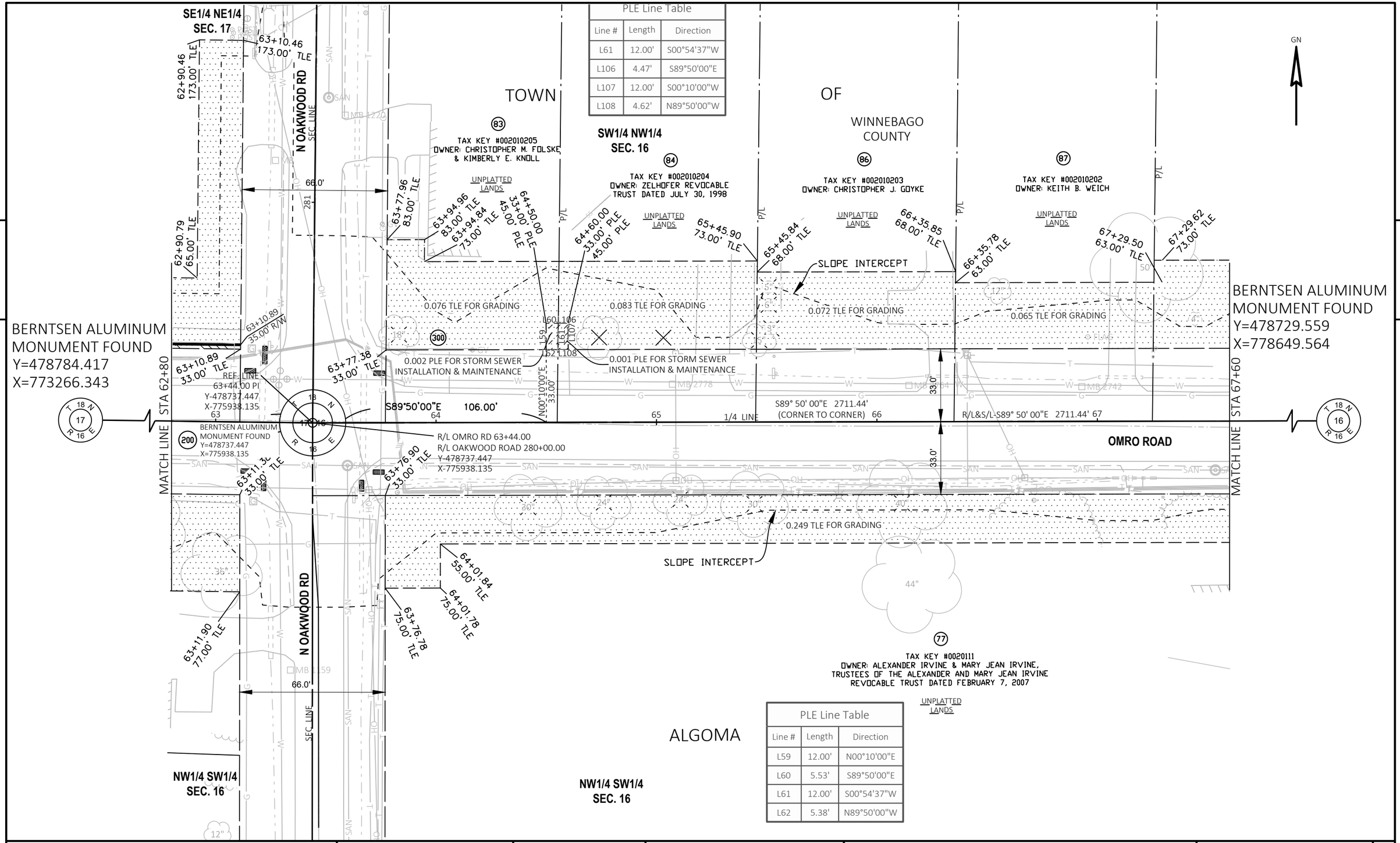
NE1/4 SE1/4
SEC. 17

ALGOMA

REVISION DATE	DATE	SCALE, FEET	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00	PLAT SHEET 4. 17
	GRID FACTOR	0	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71	PS&E SHEET 144 E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.17

PLOT DATE : 10/30/2020 3:35 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT



PLE Line Table

Line #	Length	Direction
L61	12.00'	S00°54'37"W
L106	4.47'	S89°50'00"E
L107	12.00'	S00°10'00"W
L108	4.62'	N89°50'00"W

PLE Line Table

Line #	Length	Direction
L59	12.00'	N00°10'00"E
L60	5.53'	S89°50'00"E
L61	12.00'	S00°54'37"W
L62	5.38'	N89°50'00"W

REVISION DATE	DATE	SCALE, FEET 0	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00	PLAT SHEET 4. 18
	GRID FACTOR		COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71	PS&E SHEET 145 E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.18

PLOT DATE : 10/30/2020 3:35 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

GN

TOWN OF WINNEBAGO COUNTY

SW1/4 NW1/4
SEC. 16

4

4

BERNTSEN ALUMINUM
MONUMENT FOUND
Y=478737.447
X=775938.135

BERNTSEN ALUMINUM
MONUMENT FOUND
Y=478729.559
X=778649.564

T 18 N
R 16 E
17 16
16

T 18 N
R 16 E
16
16

STA 67+60

STA 72+40

MATCH LINE

MATCH LINE

68 69 70 1/4 LINE R/L&S/L-S89° 50' 00"E 2711.44' 71 72

S89° 50' 00"E 2711.44'
(CORNER TO CORNER)

OMRO ROAD

33.0'

33.0'

69+69.61
73.00' TLE

69+69.51
65.00' TLE

SLOPE INTERCEPT

0.079 TLE FOR GRADING

0.141 TLE FOR GRADING

0.254 TLE FOR GRADING

0.088 TLE FOR GRADING

0.066 TLE FOR GRADING

SLOPE INTERCEPT

71+51.42
55.00' TLE

71+51.40
63.00' TLE

88

TAX KEY #002010201
OWNER: WILLIAM R. COFFMAN JR.

UNPLATTED
LANDS

89

TAX KEY #002010212
OWNER: CHARLES W. CARLSON & SHARON M. CARLSON
TRUSTEE(S) OR SUCCESSORS TRUSTEE(S) OF THE
CARLSON TRUST DATED NOVEMBER 30, 2000

UNPLATTED
LANDS

91

TAX KEY #002010216
OWNER: OSHKOSH RE LLC

LOT 1
CERTIFIED SURVEY MAP 1187
VOLUME 1 PAGE 1187
DOC NO. 601215

77

TAX KEY #0020111
OWNER: ALEXANDER IRVINE & MARY JEAN
IRVINE, TRUSTEES OF THE ALEXANDER AND
MARY JEAN IRVINE REVOCABLE TRUST
DATED FEBRUARY 7, 2007

UNPLATTED
LANDS

78

TAX KEY #002011103
OWNER: BRIAN E, NIEBAUER SR.

LOT 1
CERTIFIED SURVEY MAP 1059
VOLUME 1 PAGE 1059
DOC NO. 581271

79

TAX KEY #0020110
OWNER: ALEXANDER IRVINE & MARY JEAN IRVINE,
TRUSTEES OF THE ALEXANDER AND MARY JEAN IRVINE
REVOCABLE TRUST DATED FEBRUARY 7, 2007

LOT 1
CERTIFIED SURVEY MAP 5578
VOLUME 1 PAGE 5578
DOC NO. 1324753

81

TAX KEY #002011001
OWNER: OLD OMRO RD, LLC

LOT 2
CERTIFIED SURVEY MAP 5578
VOLUME 1 PAGE 5578
DOC NO. 1324753

ALGOMA

NW1/4 SW1/4
SEC. 16

REVISION DATE	DATE	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00
	GRID FACTOR	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71
SCALE, FEET 0			PLAT SHEET 4. 19
			PS&E SHEET 146 E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.19

PLOT DATE : 10/30/2020 3:35 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

PLE Line Table		
Line #	Length	Direction
L63	5.04'	N89°50'00"W
L64	12.00'	N00°10'00"E
L65	5.16'	S89°50'00"E
L66	12.00'	N00°43'46"E

Line Table		
Line #	Length	Direction
L66	12.00'	N00°43'46"E
L67	4.84'	S89°50'00"E
L68	12.00'	S00°10'00"W
L69	4.96'	N89°50'00"W

TOWN OF WINNEBAGO COUNTY ALGOMA

SW1/4 NW1/4 SEC. 16

SE1/4 NW1/4 SEC. 16

NW1/4 SW1/4 SEC. 16

NE1/4 SW1/4 SEC. 16

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478737.447
X=775938.135

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478729.559
X=778649.564

GN

92 TAX KEY #002010217
OWNER: DC DYNAMICS PROPERTIES, LLC

LOT 2
CERTIFIED SURVEY MAP 1187
VOLUME 1 PAGE 1187
DOC NO. 601215

93 TAX KEY #002010210
OWNER: TOWN OF ALGOMA

UNPLATTED LANDS

81 TAX KEY #002011001
OWNER: OLD OMRO RD, LLC

LOT 2
CERTIFIED SURVEY MAP 5578
VOLUME 1 PAGE 5578
DOC NO. 1324753

82 TAX KEY #0022250
OWNER: JAMES W. & CHERYL A. CARLEY

LOT 1 MUELLER PLAT

103 TAX KEY #002010901
OWNER: SOMPORA EHANEY

LOT 1
CERTIFIED SURVEY MAP 2502
VOLUME 1 PAGE 2502
DOC NO. 793726

LOT 22
MELROSE PARK

10' UTILITY EASMENT DOC. NO. 368501

66.0'

OAKWOOD CIR

RAN-LIE ST

OMRO ROAD

MB 2622 OMRO

MB 2652

MB 1165

74+64.51 81.00' TLE
74+52.51 81.00' TLE
74+52.35 65.00' TLE
SLOPE INTERCEPT
74+64.04 33.00' TLE
0.114 TLE FOR GRADING

75+30.48 78.00' TLE
75+46.48 78.00' TLE
75+46.26 55.00' TLE
76+30.04 33.00' TLE
0.001 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE
0.094 TLE FOR GRADING

77+05.00 33.00' PLE 45.00' PLE
76+95.00 33.00' PLE 45.00' PLE
77+00.31 60.00' TLE
77+00.26 55.00' TLE

S89° 50' 00"E 2711.44'
R/L&S/L-S89° 50' 00"E 2711.44' 74 (CORNER TO CORNER)
1/4 LINE
S89°50'00"E 1355.72'
N00°43'46"E 33.00'

R/L OMRO RD 74+94.63
R/L RAN LIE STREET 290+00.00
Y-478734.100
X-777088.762

R/L OMRO RD 74+96.72
R/L OAKWOOD CIRCLE 290+00.00
Y-478734.094
X-777090.850

0.133 TLE FOR GRADING
73+45.07 63.00' TLE
73+45.06 73.00' TLE
0.107 TLE FOR GRADING
74+61.61 73.00' TLE 33.00' TLE
SLOPE INTERCEPT

0.103 TLE FOR GRADING
76+50.52 44.00' TLE
75+47.61 68.00' TLE
76+07.61 68.00' TLE
75+27.62 83.00' TLE 33.00' TLE

MATCH LINE STA 72+40
MATCH LINE STA 77+30
1/16 LINE
P/L

REVISION DATE	DATE	SCALE, FEET 0	HWY: OMRO ROAD
GRID FACTOR			COUNTY: WINNEBAGO

STATE R/W PROJECT NUMBER 6436-00-00	PLAT SHEET 4. 20	
CONSTRUCTION PROJECT NUMBER 6436-00-71	PS&E SHEET 147	E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.20

PLOT DATE : 10/30/2020 3:36 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

4

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478737.447
X=775938.135

TOWN OF WINNEBAGO COUNTY

SE1/4 NW1/4 SEC. 16

SHEBOYGAN ST

SHERRIN ST

OMRO ROAD

STA 77+30

STA 82+50

MATCH LINE

MATCH LINE

78 | 79 | 80 | 81 | 82

R/L&S/L-S89° 50' 00"E 2711.44' 1/4 LINE

S89° 50' 00"E 2711.44' (CORNER TO CORNER)

R/L OMRO RD 78+44.72
R/L SHEBOYGAN STREET 300+00.00
Y-478733.081
X-777438.850

R/L OMRO RD 81+34.72
R/L SHERRIN STREET 310+00.00
Y-478732.238
X-777728.849

S89° 49' 59.94"E
277.01

40.0'

301

311

33.0'

33.0'

78+12.66 96.00' TLE
78+25.66 96.00' TLE
78+65.80 110.00' TLE
78+91.80 53.00' TLE 110.00' TLE
79+54.44 53.00' TLE 74.00' TLE
80+03.44 53.00' TLE 74.00' TLE
81+02.74 104.00' TLE
81+15.74 104.00' TLE
81+55.66 96.00' TLE
78+12.31 60.00' TLE
78+25.04 33.00' TLE
78+65.04 33.00' TLE
81+02.24 53.00' TLE
81+15.04 33.00' TLE
81+55.04 33.00' TLE
77+54.12 44.00' TLE 53.00' TLE
80+31.12 53.00' TLE
80+31.01 70.00' TLE
82+02.00 33.00' PLE 39.00' PLE
81+99.16 70.00' TLE 76.00' TLE
82+12.16 76.00' TLE
82+12.20 55.00' TLE
82+12.24 33.00' PLE

0.088 TLE FOR GRADING
0.109 TLE FOR GRADING
0.079 TLE FOR GRADING
0.181 TLE FOR GRADING
0.141 TLE FOR GRADING
0.156 TLE FOR GRADING

0.003 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE
0.001 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE

SLOPE INTERCEPT
SLOPE INTERCEPT

94 TAX KEY #0020708
OWNER: RICHARD G. TRITT
LOT 21 MELROSE PARK
LOT 20 MELROSE PARK

96 TAX KEY #0020707
OWNER: JENNY K. & THOMAS J. CORNELL
LOT 19 MELROSE PARK
LOT 18 MELROSE PARK

97 TAX KEY #0020704
OWNER: RKF PROPERTIES, LLC
LOT 17 MELROSE PARK
LOT 16 MELROSE PARK

97 TAX KEY #0020703
OWNER: RKF PROPERTIES, LLC
LOT 15 MELROSE PARK

98 TAX KEY #0020701
OWNER: CHRISTINE A. MILLER
LOT 14 MELROSE PARK

98 TAX KEY #0020701
OWNER: CHRISTINE A. MILLER
LOT 13 MELROSE PARK

104 TAX KEY #0020108
OWNER: ALEXANDER IRVINE & MARY JEAN IRVINE, TRUSTEES OF THE ALEXANDER AND MARY JEAN IRVINE REVOCABLE TRUST DATED FEBRUARY 7, 2007 AND MARY JEAN IRVINE, AS THEIR INTEREST MAY APPEAR
LOT 1 CERTIFIED SURVEY MAP 6058 VOLUME 1 PAGE 6058 DOC NO. 1429307

106 TAX KEY #00201070201
OWNER: GARANNE PROPERTIES LLC
LOT 1 CERTIFIED SURVEY MAP 6957 VOLUME 1 PAGE 6957 DOC NO. 1690492

ALGOMA

NE1/4 SW1/4 SEC. 16

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478729.559
X=778649.564

T 18 N R 16 E 17 16

T 18 N R 16 E 16

GN

PLE Line Table		
Line #	Length	Direction
L70	10.00'	N89°50'00"W
L71	12.00'	N00°43'46"E
L72	10.00'	S89°50'00"E
L73	12.00'	S00°43'46"W

PLE Line Table		
Line #	Length	Direction
L74	6.00'	S00°17'33"W
L75	10.24'	N89°50'00"W
L76	6.00'	N00°10'00"E
L77	10.25'	S89°50'00"E

REVISION DATE

DATE

GRID FACTOR

SCALE, FEET 0

HWY: OMRO ROAD

COUNTY: WINNEBAGO

STATE R/W PROJECT NUMBER 6436-00-00

CONSTRUCTION PROJECT NUMBER 6436-00-71

PLAT SHEET 4. 21

PS&E SHEET 148 E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.21

PLOT DATE : 10/30/2020 3:36 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

4

BERNTSEN ALUMINUM
MONUMENT FOUND
Y=478737.447
X=775938.135

18 N
17 16
R 16 E

STA 82+50

MATCH LINE

SE1/4 NW1/4
SEC. 16

LOT 12
MELROSE PARK

99

TAX KEY #0020698
OWNER: PATRICK M.
& LYNN M. KERRIGAN

LOT 11
MELROSE PARK

LOT 10
MELROSE PARK

82+80.66
96.00' TLE

82+80.53
83.00' TLE

84+05.53
83.00' TLE

40.0'

MB 2498

CONRAD ST

TOWN OF ALGOMA

WINNEBAGO
COUNTY

TAX KEY #0020696
OWNER: PATRICK M.
& LYNN M. KERRIGAN

LOT 9
MELROSE PARK

101

LOT 8
MELROSE PARK

84+45.47
77.00' TLE

84+55.47
77.00' TLE

84+55.30
59.00' TLE

85+45.30
59.00' TLE

SLOPE INTERCEPT

0.143 TLE FOR GRADING

0.083 TLE FOR GRADING

101

TAX KEY #0020694
OWNER: PATRICK M.
& LYNN M. KERRIGAN

LOT 7
MELROSE PARK

85+45.21
50.00' TLE

102

TAX KEY #0020692
OWNER: GARY REUKAUF

LOT 6
MELROSE PARK

84+45.04
33.00' TLE

OMRO ROAD
R/L&S/L-S89° 50' 00"E 2711.44'

83

84

1/4 LINE

85

S89° 50' 00"E 2711.44'
(CORNER TO CORNER)

86

33.0'

R/L OMRO RD 84+24.72
R/L CONRAD STREET 320+00.00
Y-478731.394
X-778018.847

84+66.45
36.85' TLE

0.128 TLE FOR GRADING

0.172 TLE FOR GRADING

83+66.32
55.00' TLE

84+66.50
58.87' TLE

84+66.54
74.87' TLE

SLOPE INTERCEPT

107

TAX KEY #00201070202
OWNER: THEDACARE INC

LOT 2
CERTIFIED SURVEY MAP 6957
VOLUME 1 PAGE 6957
DOC NO. 1690492

108

TAX KEY #91621540700
OWNER: NATHAN S. &
DEBRA J. WEYENBERG

LOT 1 KARLEN

TOWN OF ALGOMA

NE1/4 SW1/4
SEC. 16

CITY OF OSHKOSH

WINNEBAGO
COUNTY

STA 86+50

MATCH LINE

BERNTSEN ALUMINUM
MONUMENT FOUND
Y=478729.559
X=778649.564

18 N
16
R 16 E

4

GN

REVISION DATE	DATE	SCALE, FEET	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00	PLAT SHEET 4. 22
	GRID FACTOR	0	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71	PS&E SHEET 149 E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.22

PLOT DATE : 10/30/2020 3:36 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

POINT	ALIGNMENT	STATION	OFFSET	Y COORDS	X COORDS
PRW 1	OMRO ROAD	90+55.70	33.00' LT	478762.558	778649.926

4

4

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478737.447
X=775938.135

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478721.596
X=781353.2730

SE1/4 NW1/4 SEC. 16

SW1/4 NE1/4 SEC. 16

TOWN OF ALGOMA

WINNEBAGO COUNTY

CITY OF OSHKOSH

WINNEBAGO COUNTY

NE1/4 SW1/4 SEC. 16

NW1/4 SE1/4 SEC. 16

GN

KEWAUNEE ST

OMRO ROAD

EMMERS LN

1/4 LINE

45.0'

66.0'

TAX KEY #0020692
OWNER: GARY REUKAUF

TAX KEY #0020690
OWNER: SHANNON L. & ANGELA D. REETZ

TAX KEY #0020689
OWNER: SHANNON L. & ANGELA D. REETZ

TAX KEY #002068801
OWNER: BEVERLY A. SEARVOGEL
LOT 1
MELROSE PARK

TAX KEY #002068802
OWNER: BEVERLY A. SEARVOGEL
LOT 1
MELROSE PARK

TAX KEY #0022956
OWNER: JACOB D. & COURTNEY A. HINTZE
LOT 1 WILLOW SPRINGS SUBDIVISION

LOT 5 MELROSE PARK
LOT 4 MELROSE PARK
LOT 3 MELROSE PARK
LOT 2 MELROSE PARK

SLOPE INTERCEPT

86+83.32
61.00' TLE

86+83.21
50.00' TLE

86+95.32
61.00' TLE

87+40.45
75.00' TLE

87+53.45
75.00' TLE

87+53.31
60.00' TLE

90+55.44
60.00' TLE

90+55.91
59.00' TLE

91+45.47
59.58' TLE

0.042 TLE FOR GRADING

0.097 TLE FOR GRADING

0.103 TLE FOR GRADING

0.064 TLE FOR GRADING

86+95.04
33.00' TLE

87+40.04
33.00' TLE

90+55.70
33.00' TLE

90+55.70 33.00' R/W

R/L OMRO RD 87+10.65
R/L WESTHAVEN DRIVE 330+00.00
Y-478730.562
X-778304.780

R/L&S/L-S89° 50' 00"E 2711.44'

S89° 50' 00"E 2711.44'
(CORNER TO CORNER)

N00° 37' 45"E
5.00'

S89° 47' 58"W 280.00'

S89° 49' 53"E 279.93'

R/L-S89° 49' 53"E
787.75'

S89° 49' 53"E 2703.72'
91 (CORNER TO CORNER)

90+55.66
28.00' TLE

R/L OMRO RD 87+17.22
R/L KEWAUNEE STREET 330+00.00
Y-478730.543
X-778311.346

REF. LINE
90+55.44 PI
Y-478729.559
X-778649.564

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478729.559
X=778649.564

86+63.04
36.97' TLE

87+29.02
33.00' TLE

86+63.02
74.97' TLE

87+53.70
75.00' TLE

87+29.54
174.44' TLE

88+61.13
68.00' TLE

88+61.15
75.00' TLE

89+66.85
68.00' TLE

89+66.70
56.00' TLE

91+38.36
56.00' TLE

91+38.35
63.00' TLE

0.093 TLE FOR GRADING

0.063 TLE FOR GRADING

0.085 TLE FOR GRADING

0.034 TLE FOR GRADING

0.057 TLE FOR GRADING

TAX KEY #91621880000
OWNER: JOHN H. REIGH

TAX KEY #91621870000
OWNER: ROBERT M. & KIM A. FORBES

TAX KEY #916218601
OWNER: CASEY L. ARNESON

TAX KEY #91621840000
OWNER: DALE J. & JOANNE L. KRESSIN

TAX KEY #91621830000
OWNER: MIKE & SON INVESTMENTS LLC

TRACT 1
CERTIFIED SURVEY MAP 480
VOLUME 1 PAGE 480
DOC NO. 526158

UNPLATTED LANDS

STA 86+50

STA 91+60

MATCH LINE

MATCH LINE

REVISION DATE	DATE	SCALE, FEET	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00	PLAT SHEET 4. 23
	GRID FACTOR	0	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71	PS&E SHEET — 150 E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.23

PLOT DATE : 10/30/2020 3:36 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

POINT	ALIGNMENT	STATION	OFFSET	Y COORDS	X COORDS
PRW 2	OMRO ROAD	93+35.64	33.00' LT	478761.734	778929.858
PRW 3	OMRO ROAD	94+01.64	33.00' LT	478761.539	778995.859

PLE Line Table		
Line #	Length	Direction
L91	10.14'	N89°49'53"W
L92	13.55'	N09°30'37"W
L93	10.13'	N89°47'58"E
L94	13.62'	S09°30'37"E

4

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478729.559
X=778649.564

BERNTSEN ALUMINUM MONUMENT FOUND
Y=478721.596
X=781353.2730

4

STA 91+60

STA 96+40

MATCH LINE

MATCH LINE

T 18 N R 16 E 16

T 18 N R 16 E 16 15

GN

TAX KEY #0022959
OWNER: KAREN R. HANSEN
LOT 4 WILLOW SPRINGS SUBDIVISION

TAX KEY #0022957
OWNER: JAMES R. & TRACY L. BAUMANN
LOT 2 WILLOW SPRINGS SUBDIVISION

TAX KEY #0022958
OWNER: VICKI L. GILBERT
LOT 3 WILLOW SPRINGS SUBDIVISION

TAX KEY #0022991
OWNER: MARK RUCINSKI AND ROBERT RUCINSKI AS CO-TRUSTEES OF THE VIRGINA E. WOJDAC IRREVOCABLE TRUST DATED FEBRUARY 2, 2018
LOT 36 WILLOW SPRINGS SUBDIVISION

TAX KEY #0023018
OWNER: WILLIAM C. TIGERT
LOT 63 WILLOW SPRINGS SUBDIVISION

TAX KEY #91621820000
OWNER: CEAPE ST, OSHKOSH, LLC
TRACT 2
CERTIFIED SURVEY MAP 480
VOLUME 1 PAGE 480
DOC NO. 526158

TAX KEY #91621810000
OWNER: SHANE R. & SARAH ROTH
UNPLATTED LANDS

TAX KEY #91621800000
OWNER: SHANE R. & SARAH ROTH
UNPLATTED LANDS

TAX KEY #91621580000
OWNER: WISCONSIN DEPARTMENT OF TRANSPORTATION DIST #3
LOT 1
CERTIFIED SURVEY MAP 4082
VOLUME 1 PAGE 4082
DOC NO. 1029188

TAX KEY #91621570000
OWNER: WITTENBERG PROPERTIES LLC
LOT 1
CERTIFIED SURVEY MAP 2161
VOLUME 1 PAGE 2161
DOC NO. 740715

TOWN OF ALGOMA
WINNEBAGO COUNTY

CITY OF OSHKOSH

WILLOW SPRINGS RD

OMRO ROAD

SW1/4 NE1/4 SEC. 16

NW1/4 SE1/4 SEC. 16

93+09.42 194.70' TLE
93+22.60 194.77' TLE
93+22.07 120.53' TLE
94+01.14 110.23' TLE
94+06.14 110.26' TLE
94+06.43 65.26' TLE
94+01.64 33.00' R/W
92+35.47 60.16' TLE
93+35.64 33.00' R/W
93+22.46 60.72' TLE
93+35.66 29.80' TLE
94+01.65 30.23' TLE
95+77.17 31.38' PLE
46.36' PLE
95+83.90 66.40' TLE
95+85.09 59.41' TLE
95+87.31 46.43' PLE
96+20.56 59.64' TLE
96+23.11 44.66' TLE
95+89.59 33.00' PLE
95+79.45 33.00' PLE
92+35.09 33.00' PLE
92+26.00 33.00' PLE 45.00' PLE
92+18.68 63.00' TLE
92+18.35 70.00' TLE
92+34.53 45.00' PLE
93+60.77 33.00' PLE
93+60.25 53.00' PLE
94+55.00 43.00' PLE 53.00' PLE
94+96.99 33.00' PLE
94+97.07 70.00' TLE
94+97.06 65.00' TLE
94+97.01 43.00' PLE
95+37.00 43.00' PLE 33.00' PLE

66.0'
43.6'
341'
10.00'
33.0'
27.2'

0.005 TLE FOR GRADING
0.064 TLE FOR GRADING
0.107 TLE FOR GRADING
0.154 TLE FOR GRADING
0.003 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE
0.009 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE
0.002 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE
0.053 PLE FOR STORM SEWER INSTALLATION & MAINTENANCE
0.069 TLE FOR GRADING
0.107 TLE FOR GRADING
0.116 TLE FOR GRADING
0.121 TLE FOR GRADING

SLOPE INTERCEPT
SLOPE INTERCEPT

50' HIGH PRESURE GAS EASEMENT VOL. 680 PAGE 203-206 DOC. NO. 195700

10' UTILITY EASMENT
12' UTILITY EASMENT DOC. NO. 1358863

R/W CONTRACT VOL. 624 PAGE 295 DOC. NO. 170581

S89° 49' 53"E 279.93'
S89° 47' 58"W 280.00'
S00° 12' 00"E 3.20'
N00° 12' 00"W 2.77'
S89° 49' 53"E 325.01'
S89° 47' 58"W 325.00'
R/L-S89° 49' 53"E 787.75'
S89° 49' 53"E 2703.72' (CORNER TO CORNER)
R/L-S89° 49' 53"E 787.75'
S89°49'53"E 181.56'

R/L OMRO RD 93+68.85
R/L WILLOW SPRINGS ROAD 340+00.00
Y-478728.636
X-778962.974

1/4 LINE

PLE Line Table		
Line #	Length	Direction
L78	12.01'	S02°50'22"W
L79	8.53'	N89°49'53"W
L80	12.00'	N00°10'07"E
L81	9.09'	S89°49'53"E

PLE Line Table		
Line #	Length	Direction
L82	10.00'	S00°02'43"W
L83	42.01'	N89°49'53"W
L84	10.00'	S00°10'07"W
L85	94.75'	N89°49'53"W
L86	20.01'	N01°39'37"E
L87	136.22'	S89°49'53"E

PLE Line Table		
Line #	Length	Direction
L99	40.00'	S89°49'53"E
L100	10.00'	S00°02'43"W
L101	40.00'	N89°49'53"W
L102	10.00'	N00°02'43"E

REVISION DATE	DATE	SCALE, FEET 0	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00
	GRID FACTOR		COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71

PLAT SHEET 4. 24

PS&E SHEET 151

E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.24

PLOT DATE : 10/30/2020 3:36 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

POINT	ALIGNMENT	STATION	OFFSET	Y COORDS	X COORDS
PRW 4	OMRO ROAD	97+26.64	33.00' LT	478760.582	779320.865

4

4

BERNTSEN ALUMINUM
MONUMENT FOUND
Y=478729.559
X=778649.564

SW1/4 NE1/4
SEC. 16

TOWN OF ALGOMA
WINNEBAGO
COUNTY

GN

MATCH LINE STA 96+40

MATCH LINE STA 101+20

OMRO ROAD

WILLOW BEND LN

10' UTILITY EASMENT

P/L

96+98.17
106.14' TLE

97+26.17
106.32' TLE

66.0'

(132) TAX KEY #0023018
OWNER: WILLIAM C. TIGERT
LOT 63 WILLOW SPRINGS SUBDIVISION
(300) (301) (302) (303)

96+98.56
45.14' TLE

97+26.64
33.00' R/W

33.0'

0.093 TLE FOR GRADING

S89° 49' 53"E 325.01'

S89° 47' 58"W 325.00'

S00° 12' 00"E
0.68'

97+26.65
32.32' TLE

R/L-S89° 49' 53"E 787.75'

R/L OMRO RD 97+59.86
R/L WILLOW BEND LANE 350+00.00
Y-478727.484
X-779353.980

(200)

L95

L96

L97

96+62.03
33.00' PLE
43.00' PLE

96+85.00
33.00' PLE
43.00' PLE

0.005 PLE FOR STORM SEWER
INSTALLATION & MAINTENANCE

(122) TAX KEY #91621560000
OWNER: TURN KEY
AUTO SALES, LLC
LOT 1
CERTIFIED SURVEY MAP 5415
VOLUME 1 PAGE 5415
DOC NO. 1295079

PLE Line Table		
Line #	Length	Direction
L95	22.99'	S89°49'53"E
L96	10.00'	S00°10'07"W
L97	22.97'	N89°49'53"W
L98	10.00'	N00°02'57"E

(133) TAX KEY #0023019
OWNER: STEVEN M. JR &
DAWN M. PAULICK
LOT 64 WILLOW SPRINGS SUBDIVISION

SLOPE INTERCEPT
98+77.19
77.32' TLE

97+92.36'
77.75' TLE

97+92.65
32.75' TLE

32.75'

0.159 TLE FOR GRADING

98+82.21
31.95' TLE

99+63.90
90.82' TLE

99+59.04
72.29' TLE

0.097 TLE FOR GRADING

99+52.44
44.42' TLE

(134) TAX KEY #0020088
OWNER: BYTOF FAMILY
LIMITED PARTNERSHIP
LOT 1
CERTIFIED SURVEY MAP 5634
VOLUME 1 PAGE 5634
DOC NO. 1335958

48.0'

REF. LINE
100+16.52 PT
Y-478755.091
X-779607.593
100

R/L-N71° 15' 09"E 209.87'

101

99

98

REF. LINE
98+43.19 PC
Y-478727.239
X-779437.314

S89° 49' 53"E 2703.72'
(CORNER TO CORNER)

1/4 LINE

0.153 TLE FOR GRADING

SLOPE INTERCEPT
98+43.19
65.00' TLE

98+67.72
65.64' TLE

98+68.28
51.66' TLE

0.060 TLE FOR GRADING

99+96.00
76.29' TLE

100+00.61
59.06' TLE

BERNTSEN ALUMINUM
MONUMENT FOUND
Y=478721.596
X=781353.2730

CITY OF OSHKOSH

NW1/4 SE1/4
SEC. 16

WINNEBAGO
COUNTY

REF. LINE
PI STA = 99+30.65
Y = 478726.981
X = 779524.773
DELTA = 18°54'58"
D = 10°54'49"
T = 87.46'
R = 525.00'
ARC LENGTH=173.33'
CHORD LENGTH=172.54'
CHORD BEARING=N80°42'38"E

(123) TAX KEY #91621550000
OWNER: HORICON BANK
UNPLATTED LANDS

T 18 N
R 16 E
16

T 18 N
R 16 E
16 15

REVISION DATE

DATE

GRID FACTOR

SCALE, FEET
0

HWY: OMRO ROAD

COUNTY: WINNEBAGO

STATE R/W PROJECT NUMBER 6436-00-00

CONSTRUCTION PROJECT NUMBER 6436-00-71

PLAT SHEET 4. 25

PS&E SHEET 152

E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.25

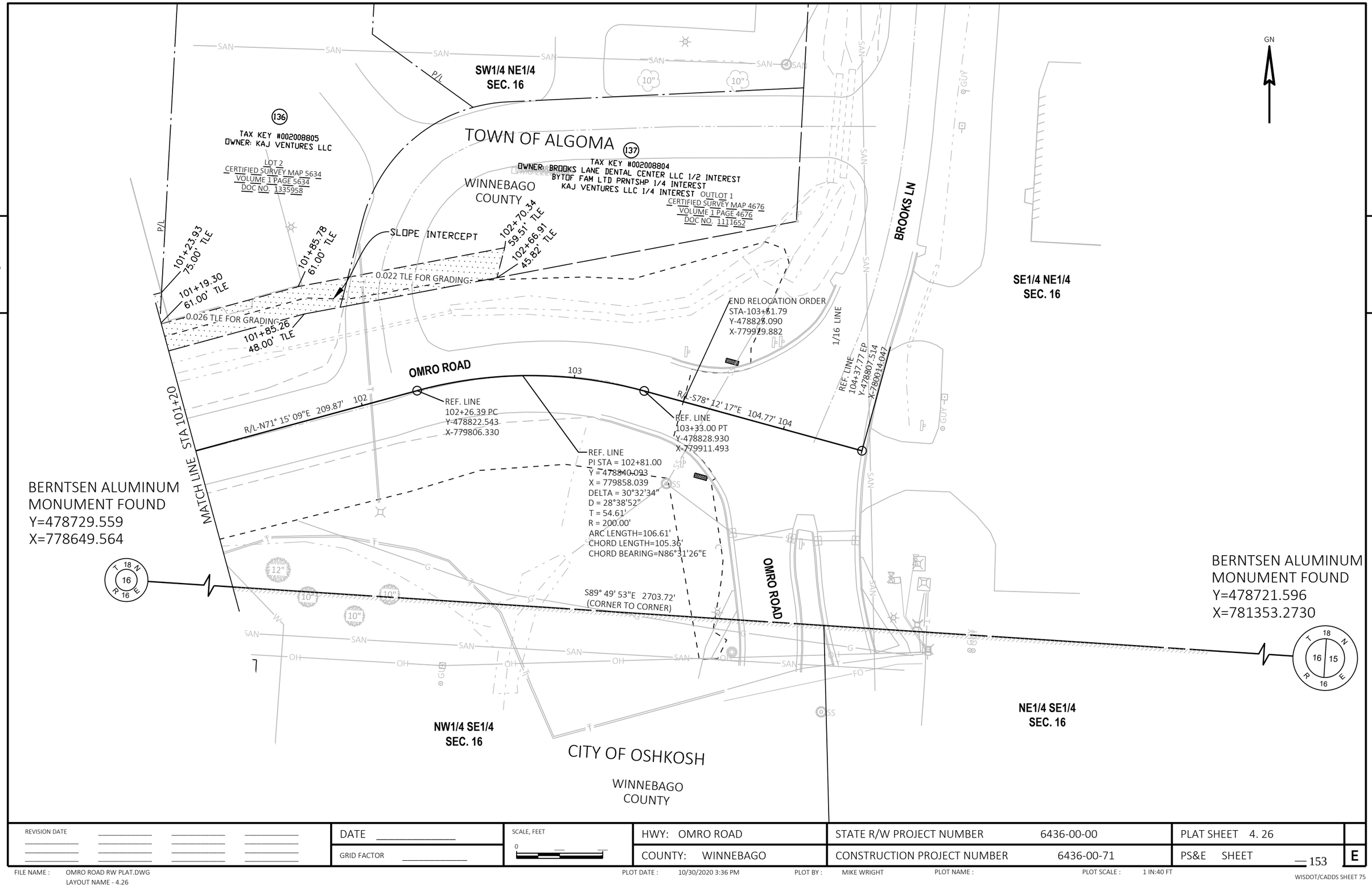
PLOT DATE : 10/30/2020 3:36 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 75

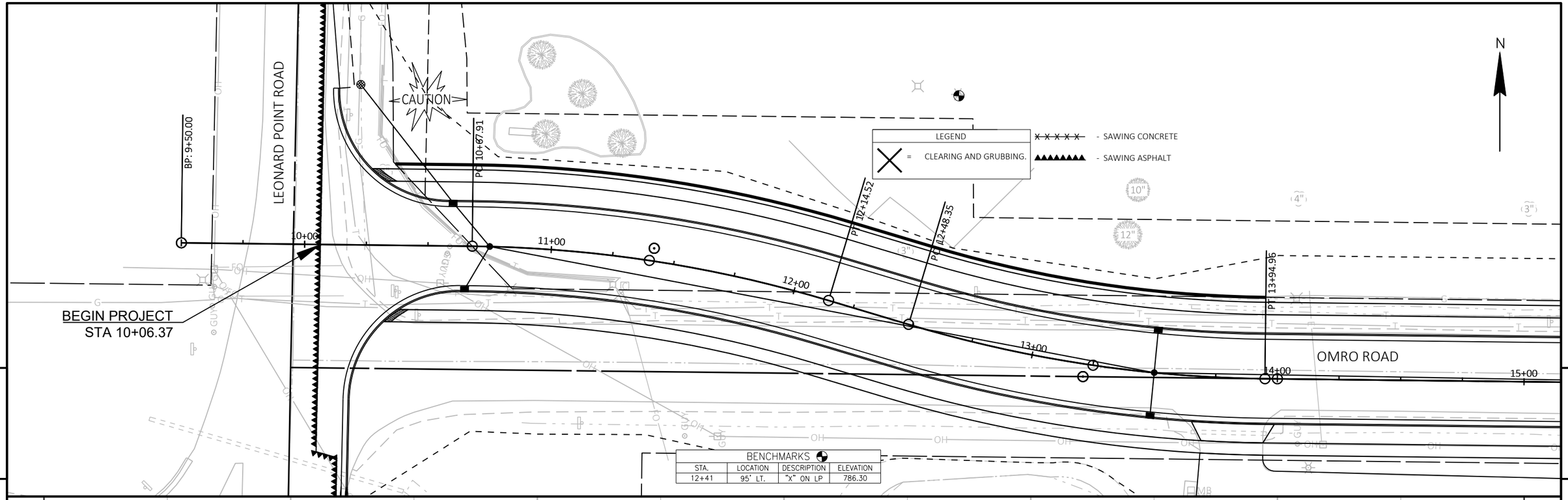


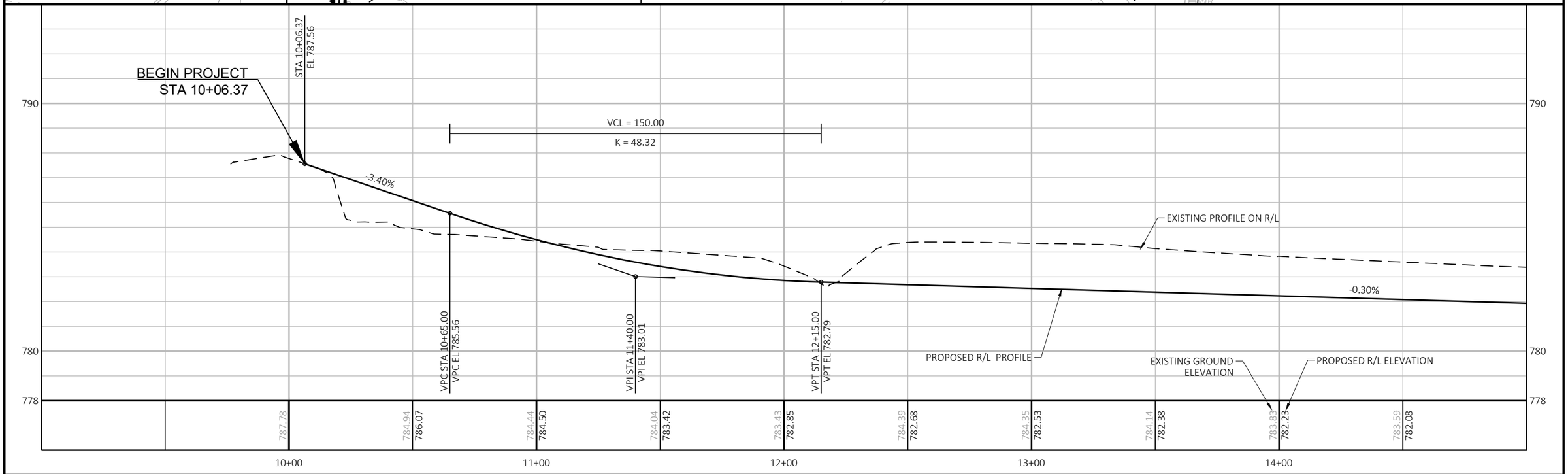
REVISION DATE	DATE	SCALE, FEET	HWY: OMRO ROAD	STATE R/W PROJECT NUMBER 6436-00-00	PLAT SHEET 4. 26
	GRID FACTOR	0	COUNTY: WINNEBAGO	CONSTRUCTION PROJECT NUMBER 6436-00-71	PS&E SHEET 153 E

FILE NAME : OMRO ROAD RW PLAT.DWG
LAYOUT NAME - 4.26

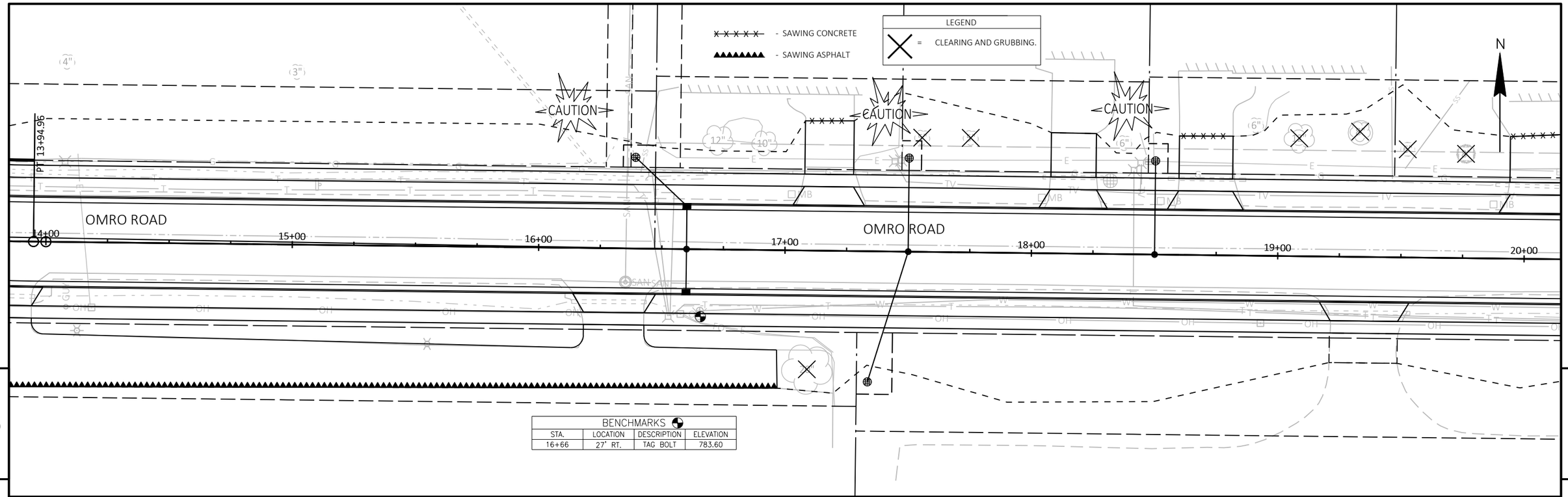
PLOT DATE : 10/30/2020 3:36 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

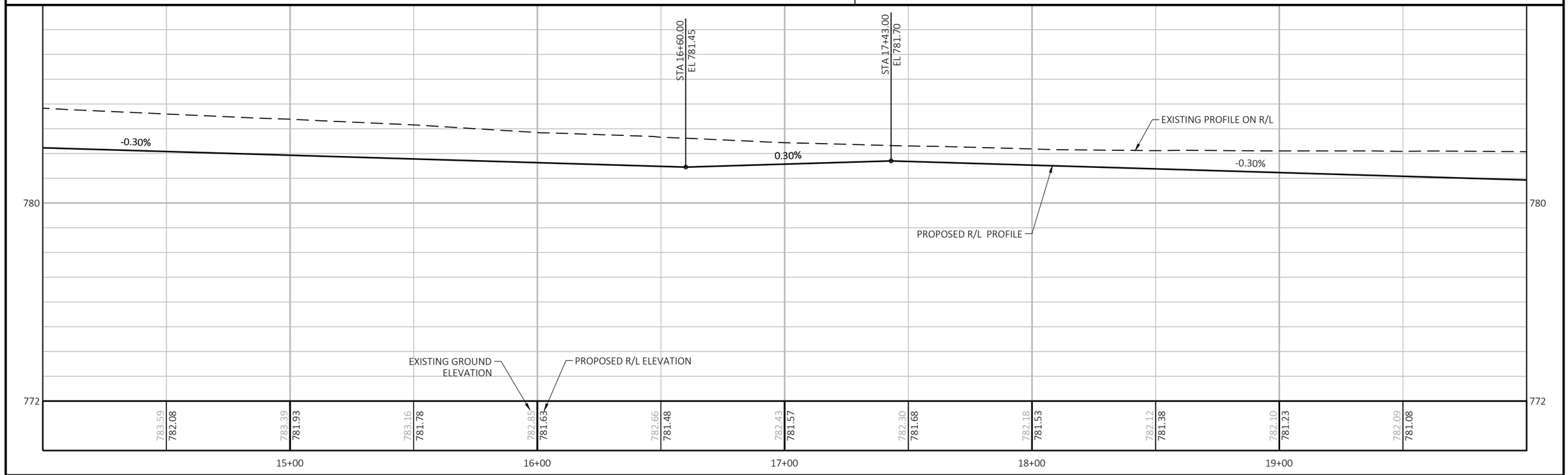
WISDOT/CADDS SHEET 75





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 154	E

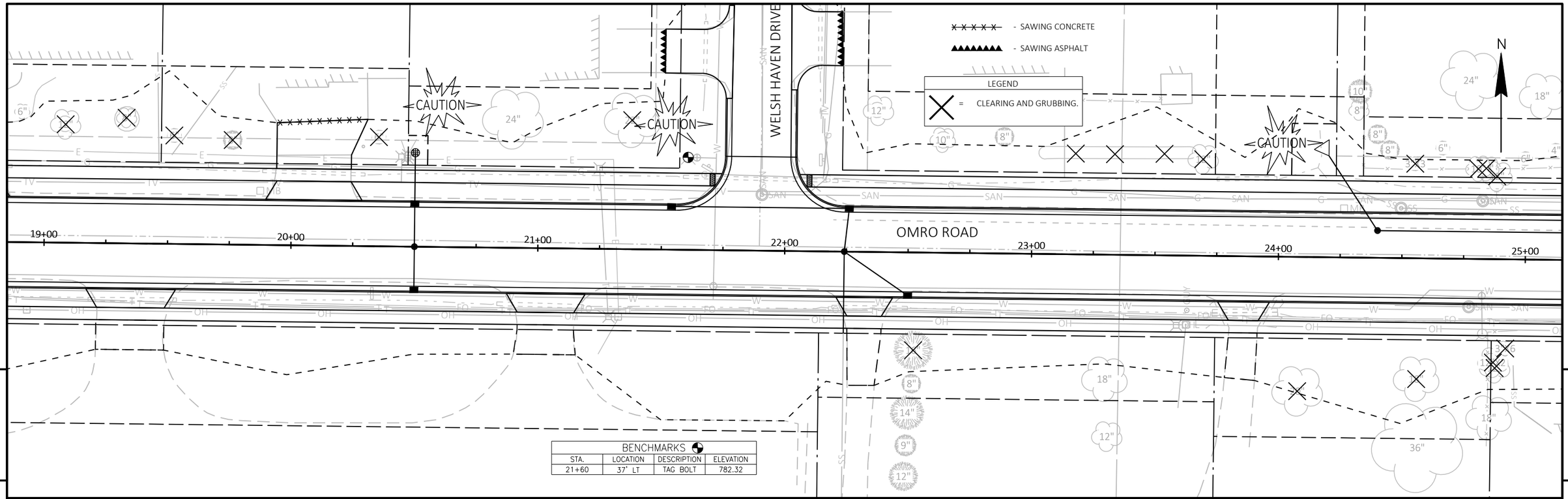




PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 155	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (2)

PLOT DATE : 10/30/2020 3:49 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT



5

5

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 156	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (3)

PLOT DATE : 10/30/2020 3:49 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND	
	= CLEARING AND GRUBBING.

- SAWING CONCRETE
- SAWING ASPHALT

N

CAUTION

CAUTION

CAUTION

SNOWDON DRIVE

OMRO ROAD

CAMBRIA COURT

TO BE REMOVED BY OTHERS

24+00 25+00 26+00 27+00 28+00 29+00 30+00

BENCHMARKS			
STA.	LOCATION	DESCRIPTION	ELEVATION
26+20	41' RT	MAG IN PP	780.47

5

5

STA 30+00.00
EL 777.93

EXISTING PROFILE ON R/L

-0.30%

PROPOSED R/L PROFILE

EXISTING GROUND ELEVATION

PROPOSED R/L ELEVATION

780

770

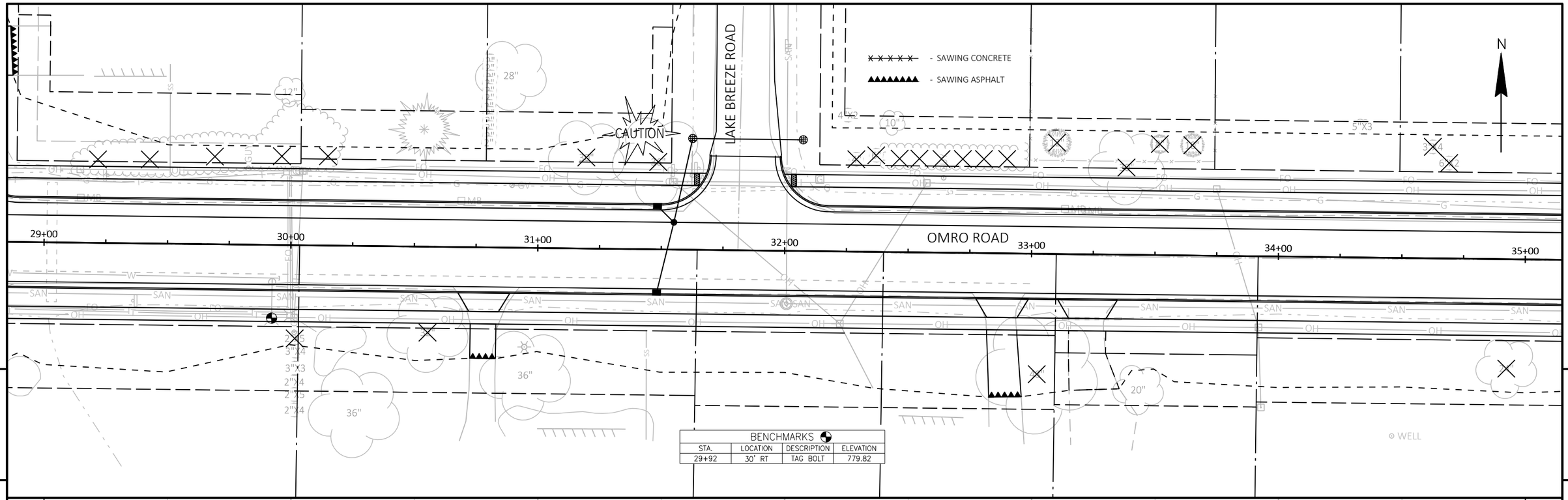
781.25	779.58	781.09	779.43	780.94	779.28	780.83	779.13	780.57	778.98	780.38	778.83	780.33	778.68	780.32	778.53	780.21	778.38	780.04	778.23	779.96	778.08

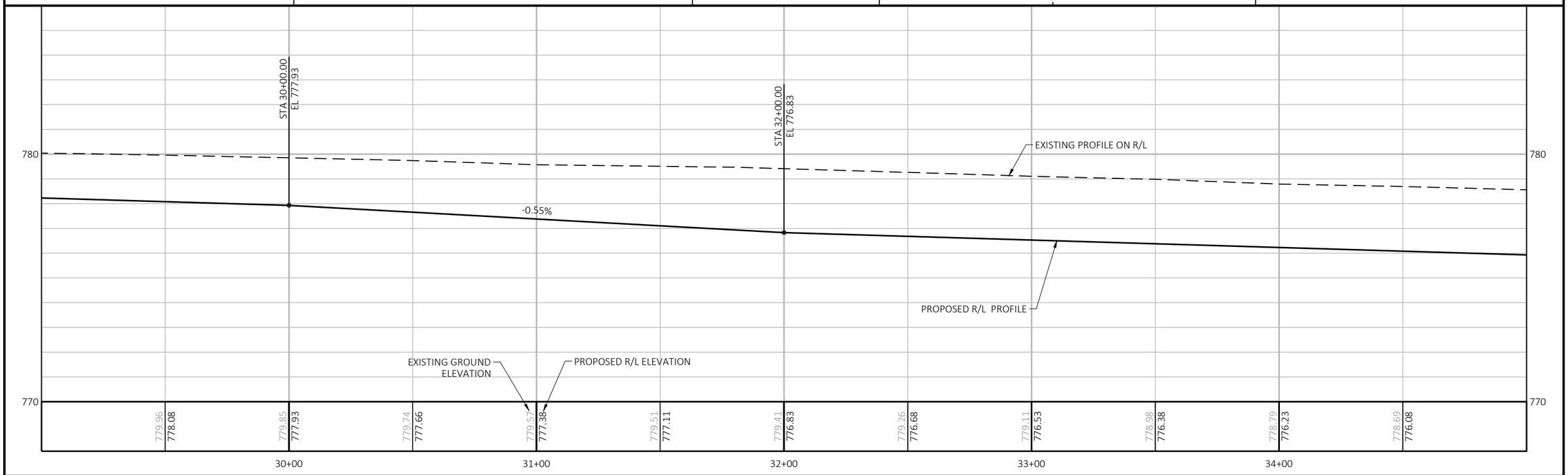
25+00 26+00 27+00 28+00 29+00

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 157	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (4)

PLOT DATE : 1/15/2021 4:19 PM PLOT BY : JOSH FREWERD PLOT NAME : PLOT SCALE : 1 IN:40 FT





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 158	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (5)

PLOT DATE : 10/30/2020 3:49 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

- SAWING CONCRETE
- SAWING ASPHALT

LEGEND	
=	CLEARING AND GRUBBING.

N

CAUTION

CAUTION

PI 36+71.79

OMRO ROAD

ELMHURST LANE

34+00 35+00 36+00 37+00 38+00 39+00 40+00

5"X3 3"X4 6"X2 8"X3 WELL 26" 32" 12" 14"

BENCHMARKS			
STA.	LOCATION	DESCRIPTION	ELEVATION
36+09	30' RT	MAG IN PP	777.68

780

770

STA 38+50.00
EL 774.88

EXISTING PROFILE ON R/L

-0.30%

0.49%

PROPOSED R/L PROFILE

EXISTING GROUND ELEVATION

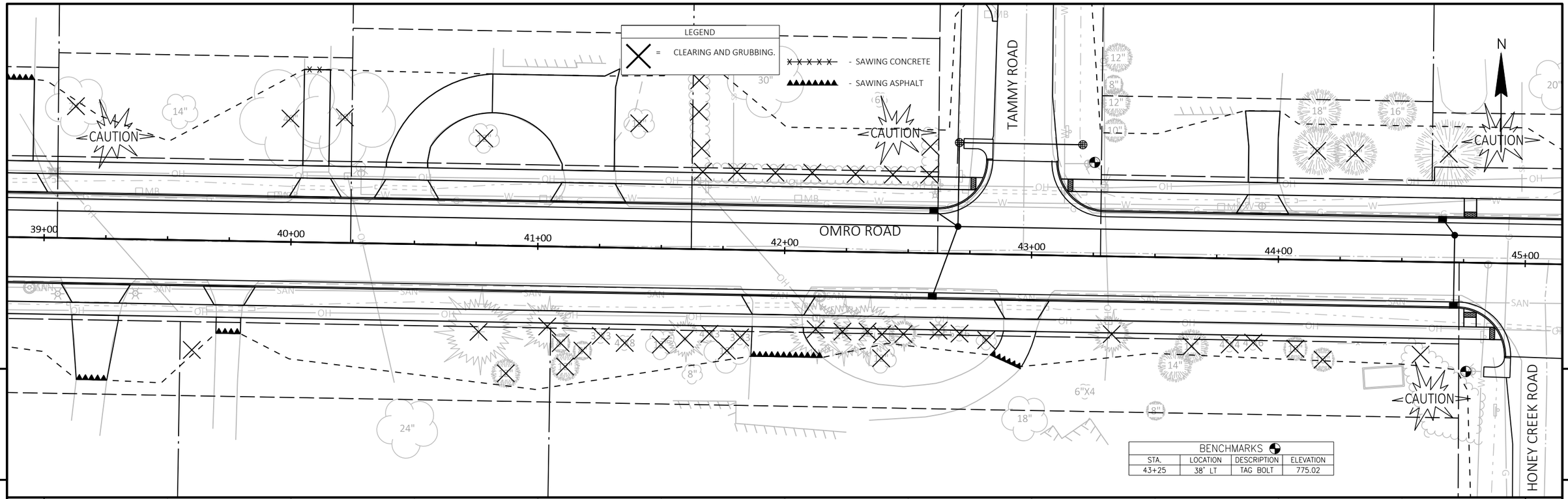
PROPOSED R/L ELEVATION

35+00	36+00	37+00	38+00	39+00
778.69 / 776.08	778.56 / 775.93	778.40 / 775.78	778.21 / 775.63	778.01 / 775.48
777.82 / 775.33	777.66 / 775.18	777.51 / 775.03	777.30 / 774.88	777.08 / 775.13
776.88 / 775.37				

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 159	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (6)

PLOT DATE : 10/30/2020 3:50 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT



5

5

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 160	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (7)

PLOT DATE : 10/30/2020 3:50 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

- SAWING CONCRETE
- SAWING ASPHALT

LEGEND	
X	= CLEARING AND GRUBBING.

VALLEY ROAD

OMRO ROAD

HONEY CREEK ROAD

HONEY CREEK

CAUTION

CAUTION

CAUTION

BENCHMARKS			
STA.	LOCATION	DESCRIPTION	ELEVATION
44+76	44' RT	TAG BOLT	770.58
47+24	64' LT	TAG BOLT	767.9600

RKS	
SCRIPTION	ELEVATION
AG BOLT	775.02

5

5

N

44+00 45+00 46+00 47+00 48+00 49+00 50+00

VCL = 200.00

K = 89.17

-1.34%

0.90%

EXISTING PROFILE ON R/L

PROPOSED R/L PROFILE

EXISTING STRUCTURE B-70-0100

STA 44+00.00
EL 771.70

VPC STA 46+50.00
VPC EL 768.34

VPI STA 47+50.00
VPI EL 767.00

VPT STA 48+50.00
VPT EL 767.90

EXISTING GROUND ELEVATION

PROPOSED R/L ELEVATION

771.45	771.03	770.46	770.36	769.64	769.69	768.90	769.01	768.33	768.34	767.96	767.81	767.87	767.56	768.03	767.59	768.08	767.90	768.46	768.35	768.91	768.80

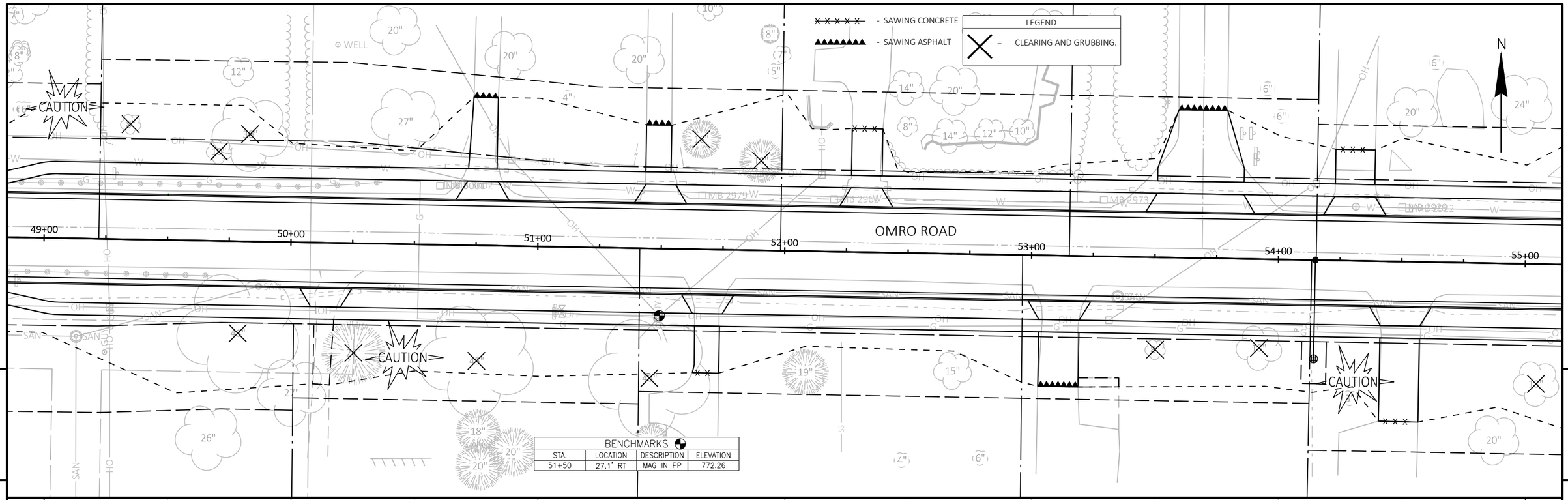
770 760 758

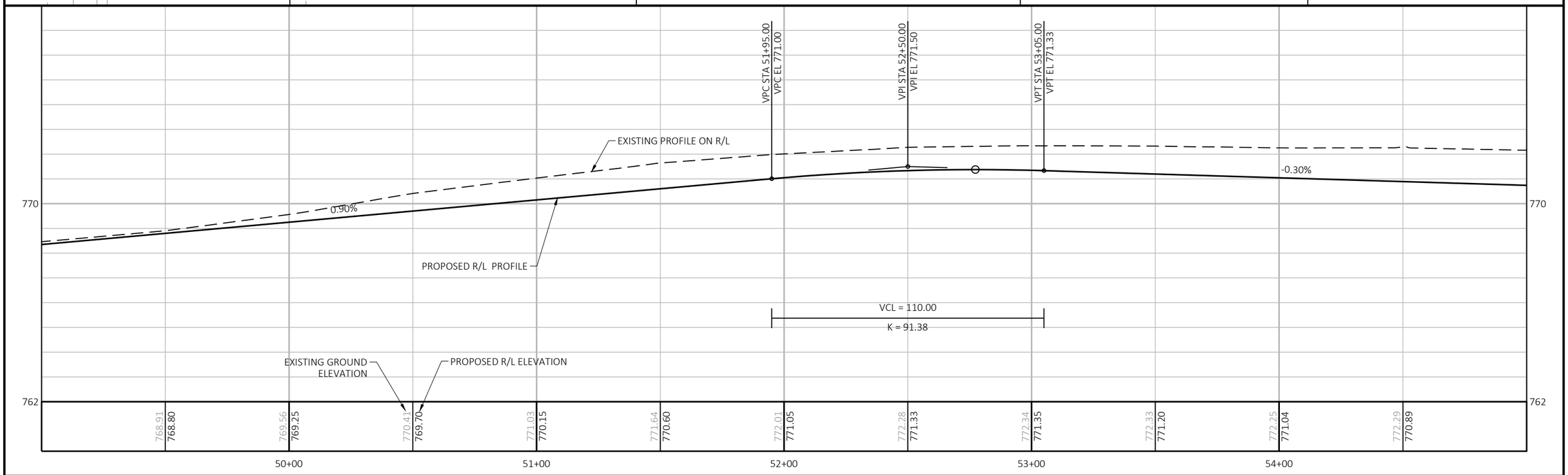
45+00 46+00 47+00 48+00 49+00

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 161	E

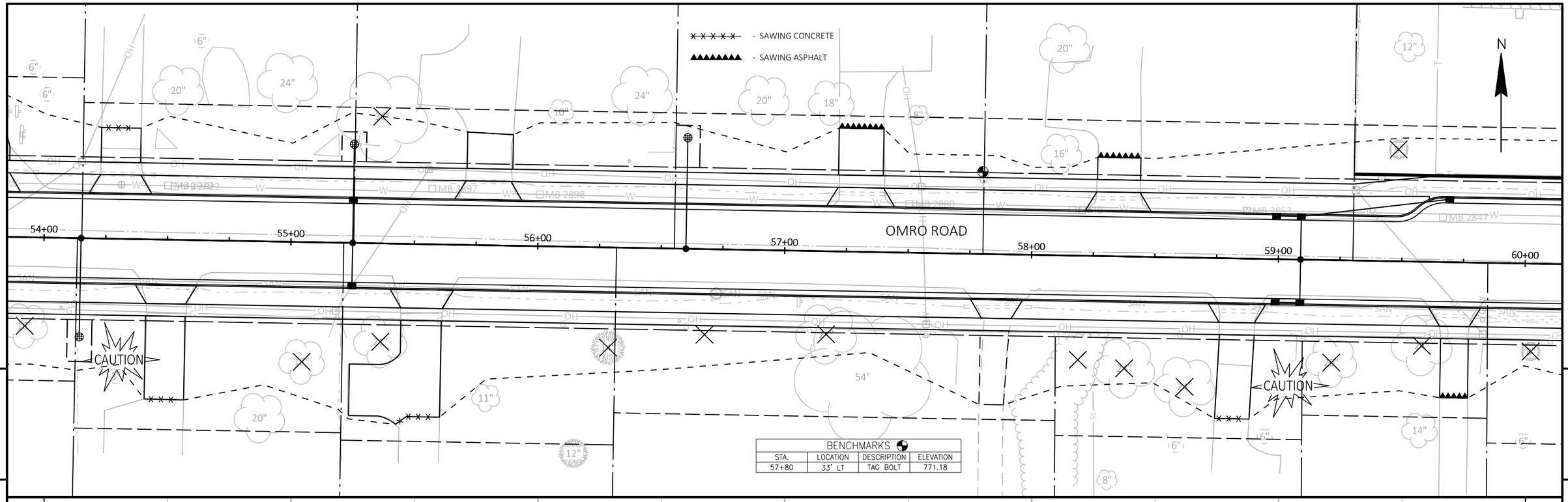
FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (8)

PLOT DATE : 10/30/2020 3:50 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT





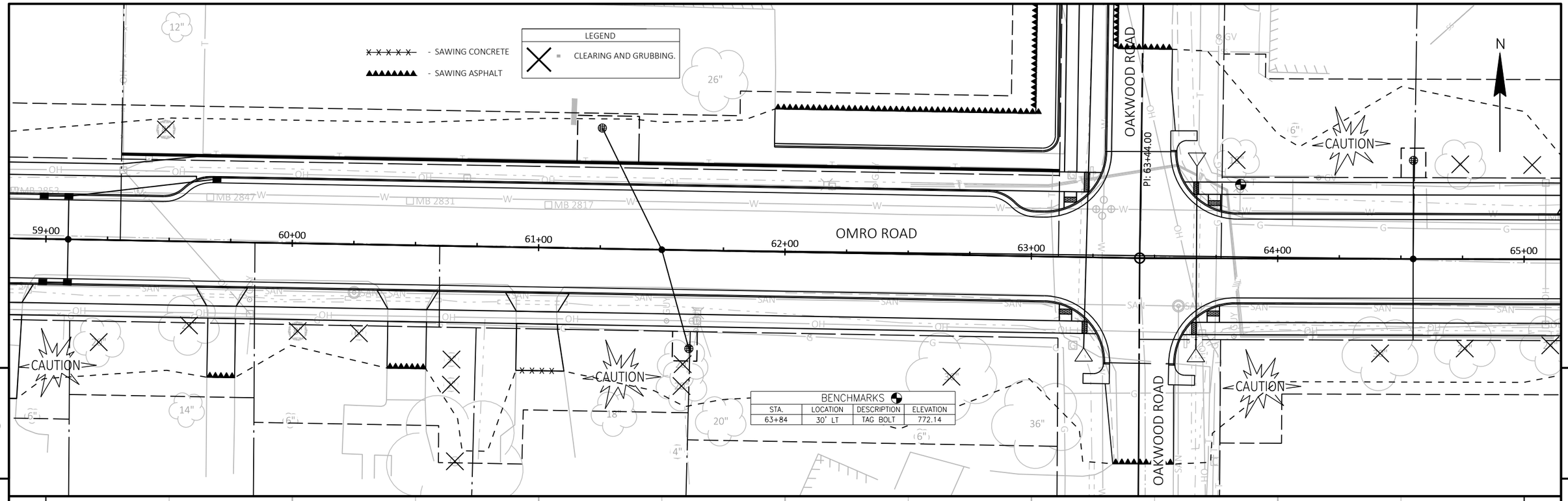
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 162	E



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 163	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (10)

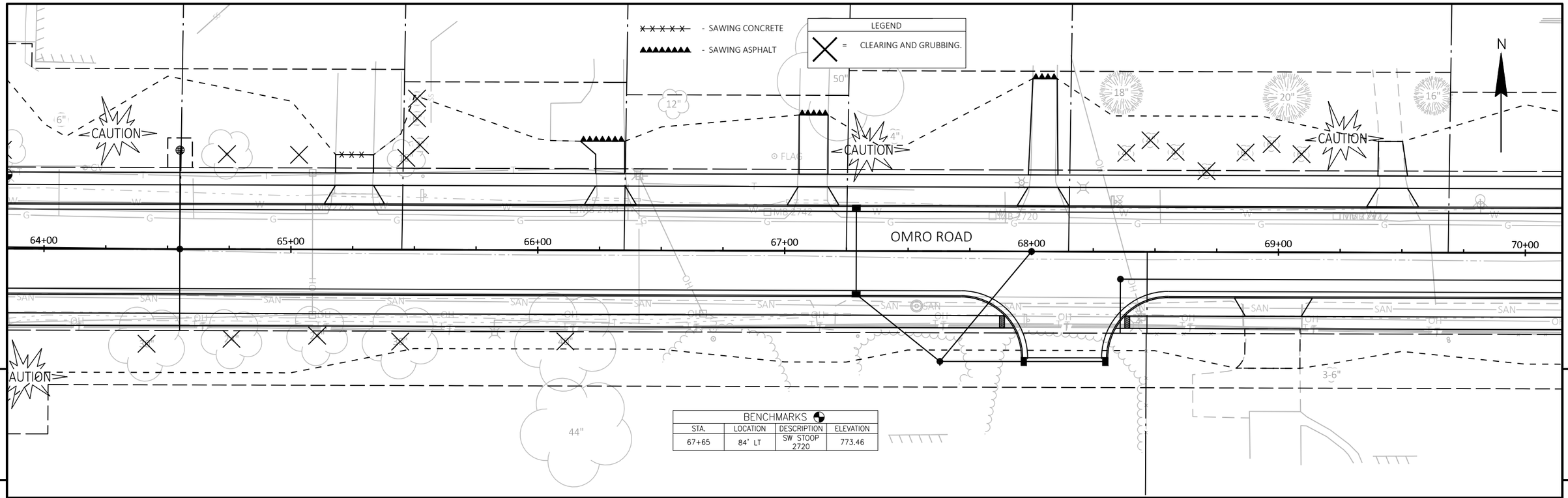
PLOT DATE : 10/30/2020 3:50 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

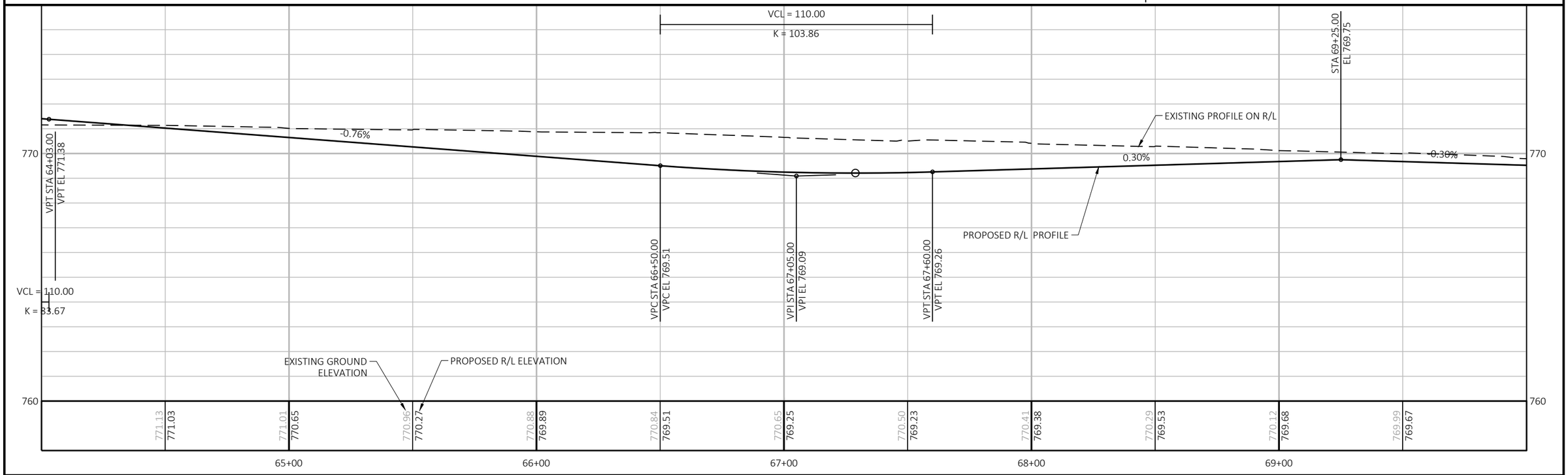


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 164	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (11)

PLOT DATE : 10/30/2020 3:50 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT



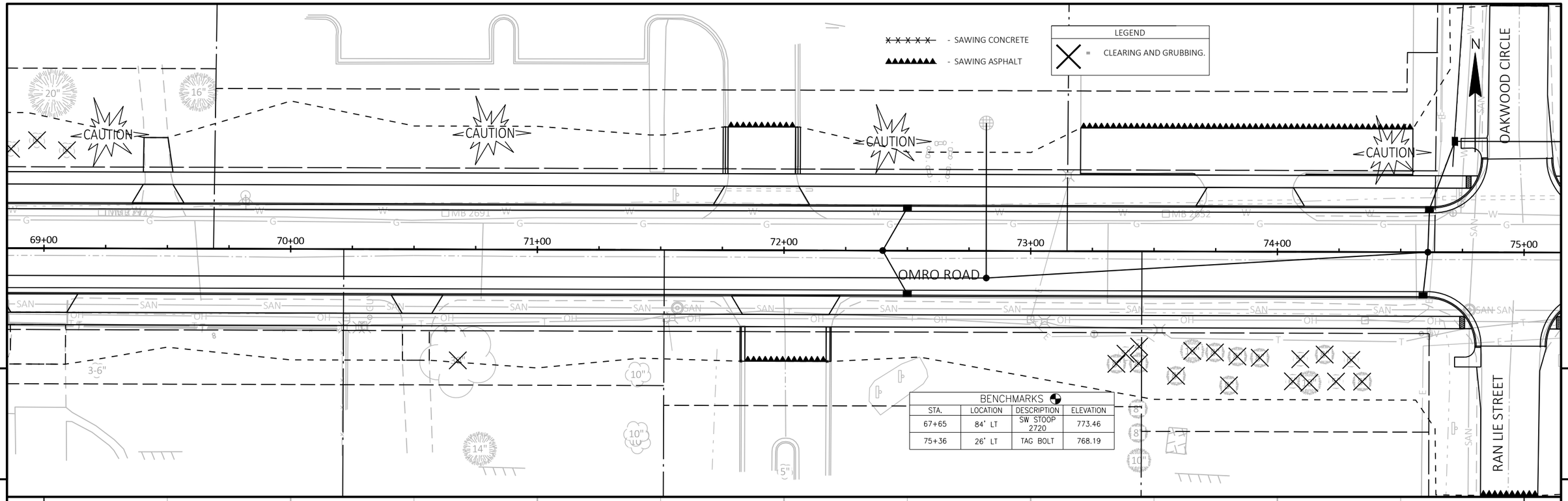


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 165 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (12)

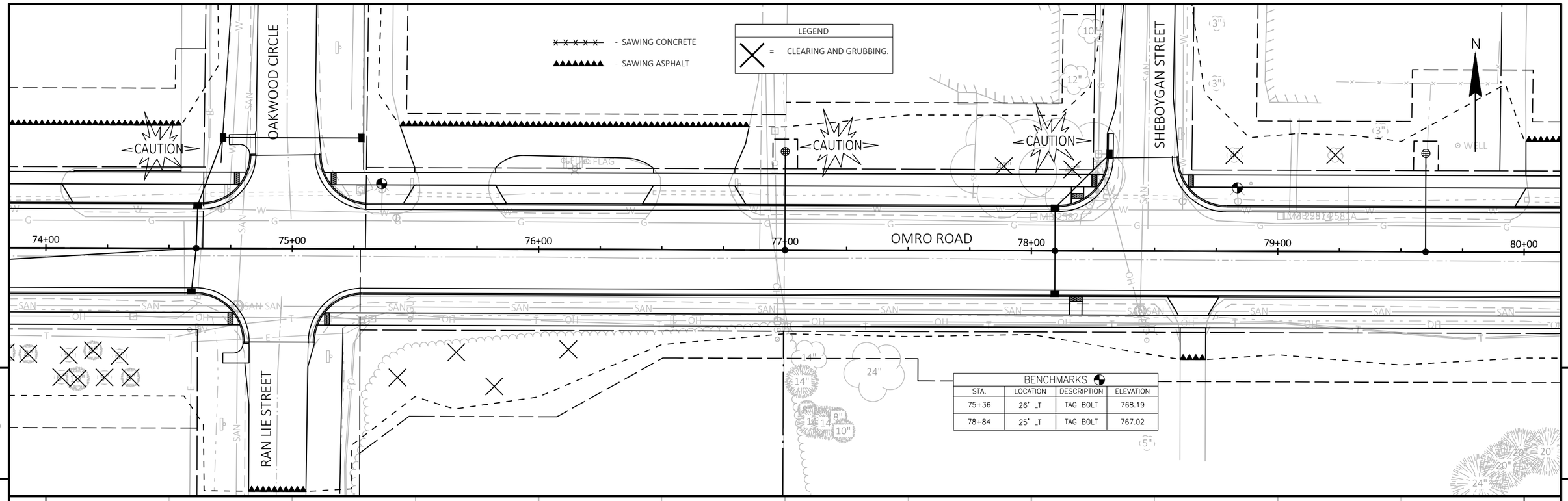
PLOT DATE : 10/30/2020 3:50 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

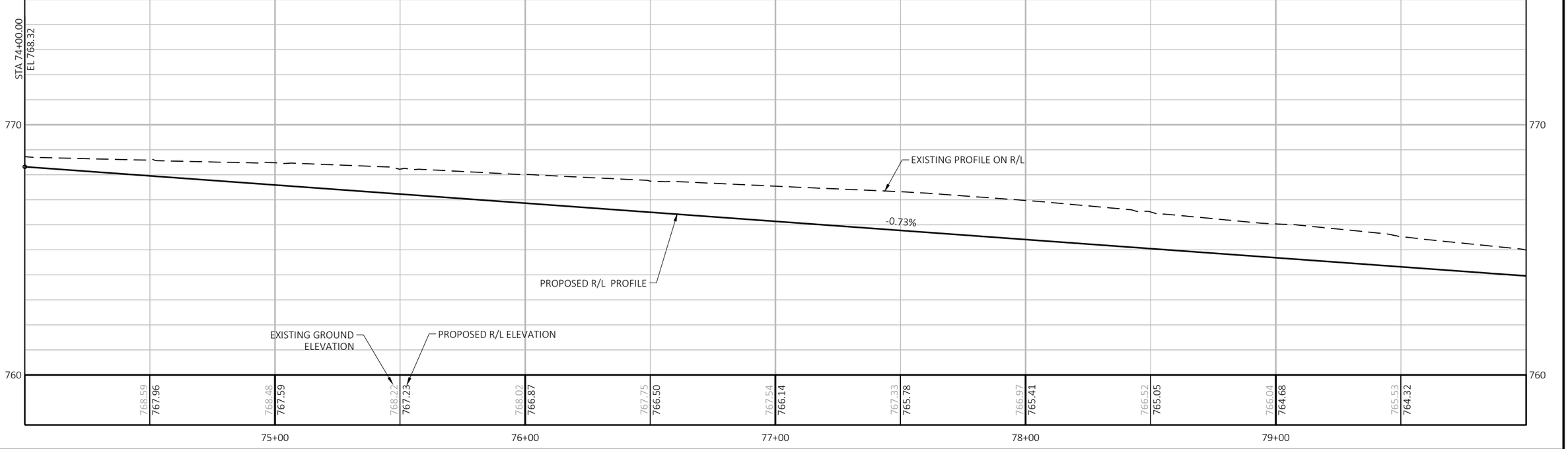
WISDOT/CADDS SHEET 44



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 166	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (13)
PLOT DATE : 10/30/2020 3:51 PM
PLOT BY : MIKE WRIGHT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

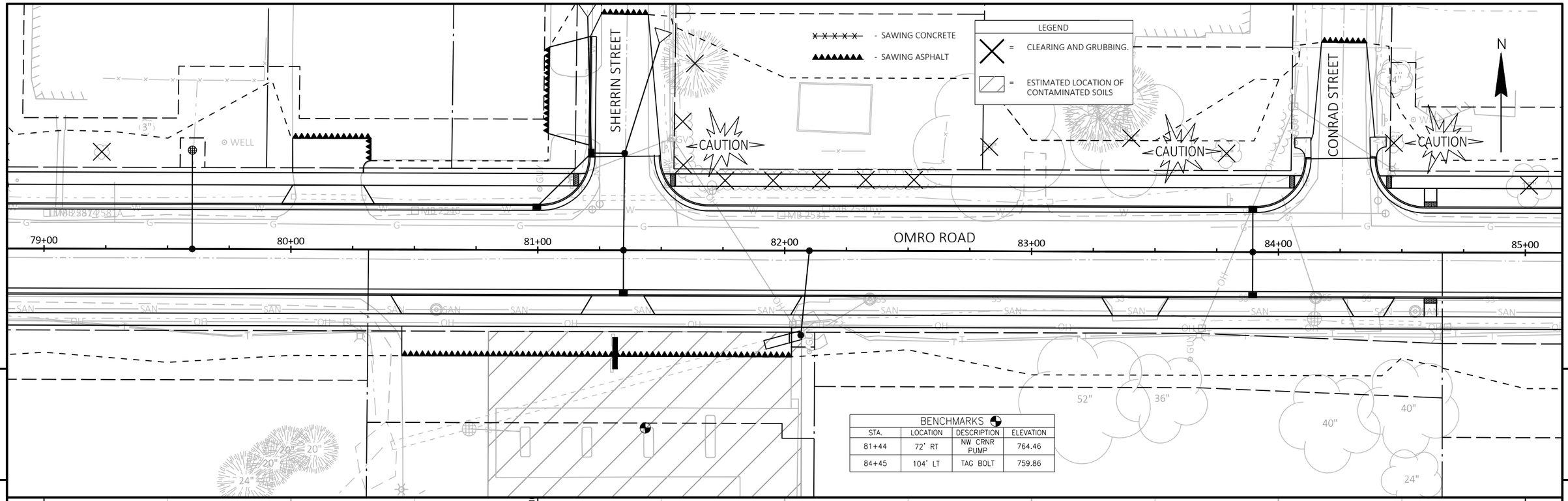


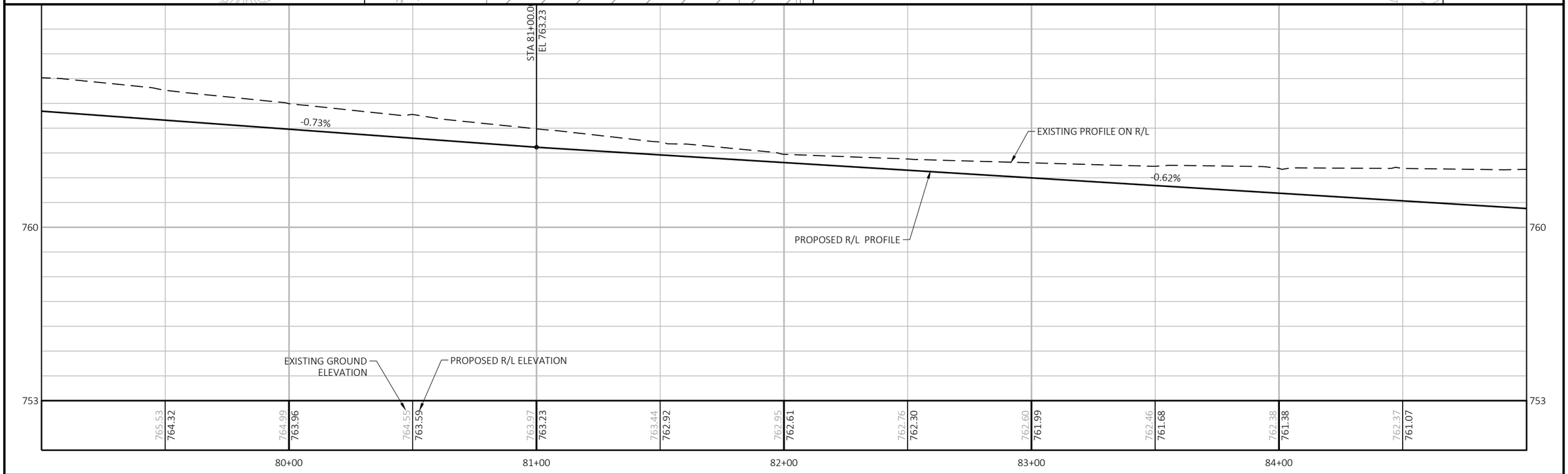


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 167	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (14)

PLOT DATE : 10/30/2020 3:51 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 168	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (15)

PLOT DATE : 10/30/2020 3:51 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

- SAWING CONCRETE
- SAWING ASPHALT

LEGEND	
=	CLEARING AND GRUBBING.

CONRAD STREET

KEWAUNEE STREET

WESTHAVEN DRIVE

OMRO ROAD

CAUTION

84+00 85+00 86+00 87+00 88+00 89+00 90+00

BENCHMARKS			
STA.	LOCATION	DESCRIPTION	ELEVATION
86+83	45' LT	TOP OF WELL	762.08

5

5

VCL = 110.00

K = 89.00

EXISTING PROFILE ON R/L

-0.62%

0.62%

PROPOSED R/L PROFILE

VPC STA 86+08.00
VPC EL 760.09

VPI STA 86+63.00
VPI EL 759.75

VPT STA 87+18.00
VPT EL 760.09

EXISTING GROUND ELEVATION

PROPOSED R/L ELEVATION

760

752

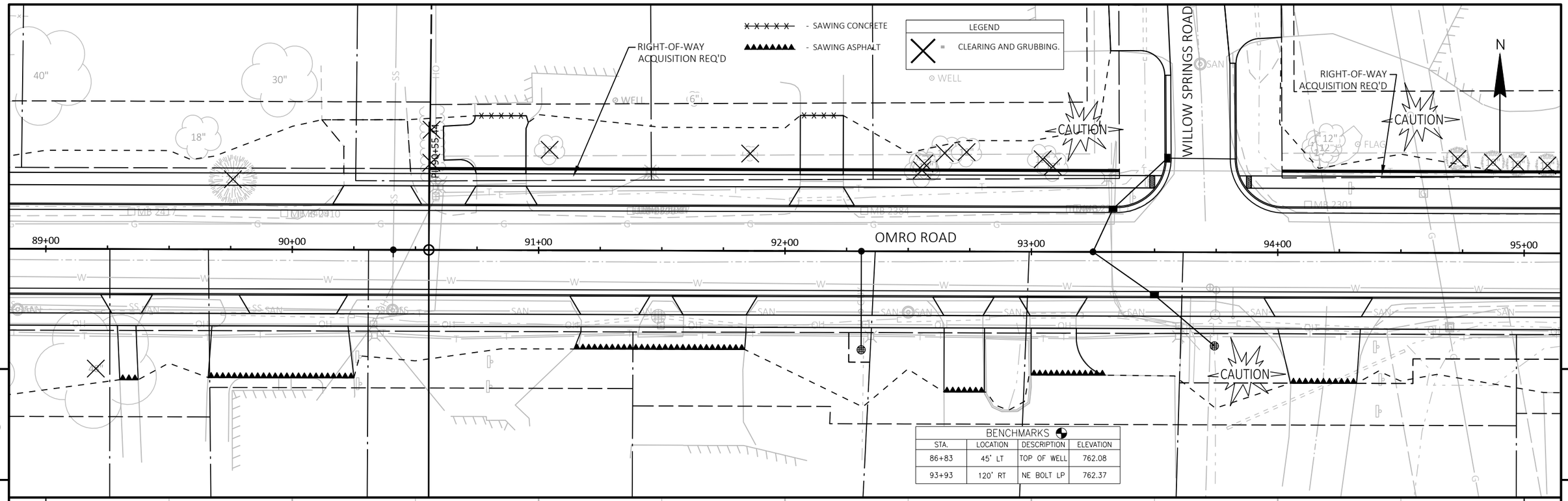
762.37	761.07	762.33	760.76	762.36	760.45	762.41	760.14	762.34	759.93	762.32	760.00	762.31	760.29
762.40	760.60	762.43	760.91	762.47	761.21	762.56	761.52						

85+00 86+00 87+00 88+00 89+00

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 169	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (16)

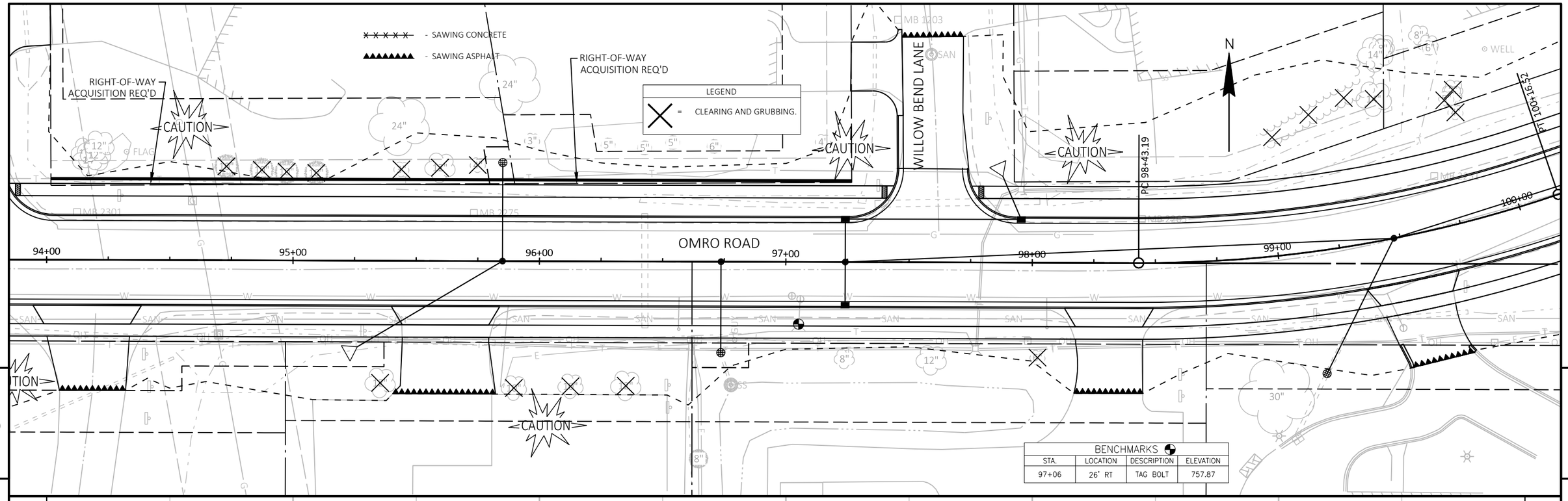
PLOT DATE : 1/15/2021 4:19 PM PLOT BY : JOSH FREWERD PLOT NAME : PLOT SCALE : 1 IN:40 FT



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 170	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (17)

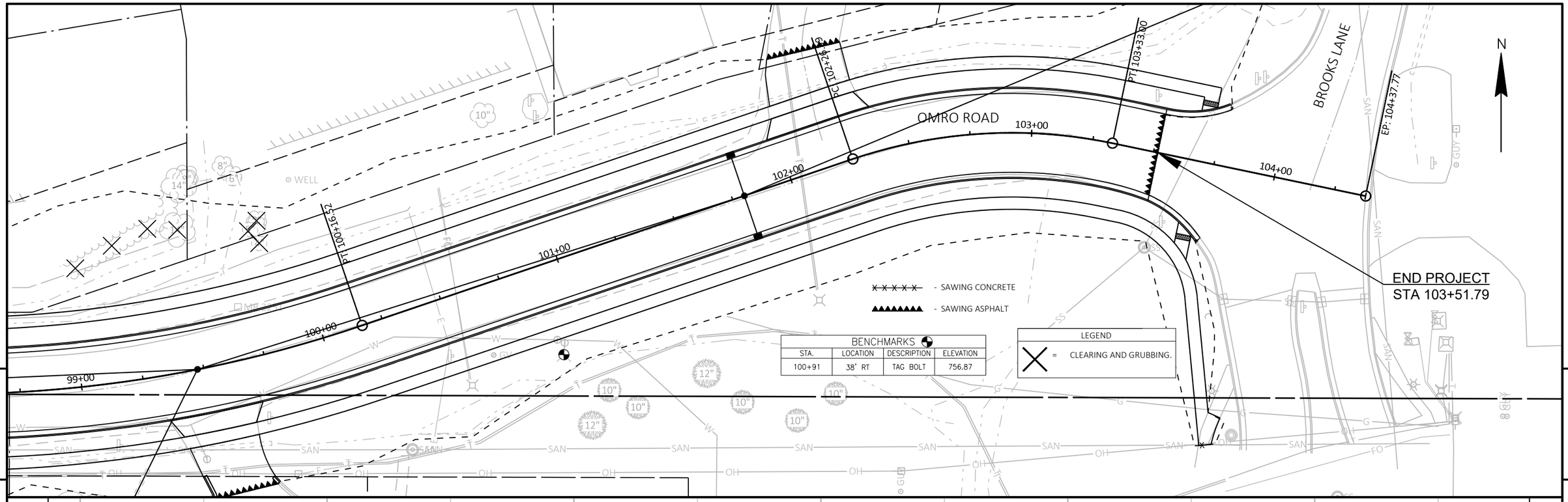
PLOT DATE : 10/30/2020 3:51 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 171	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (18)

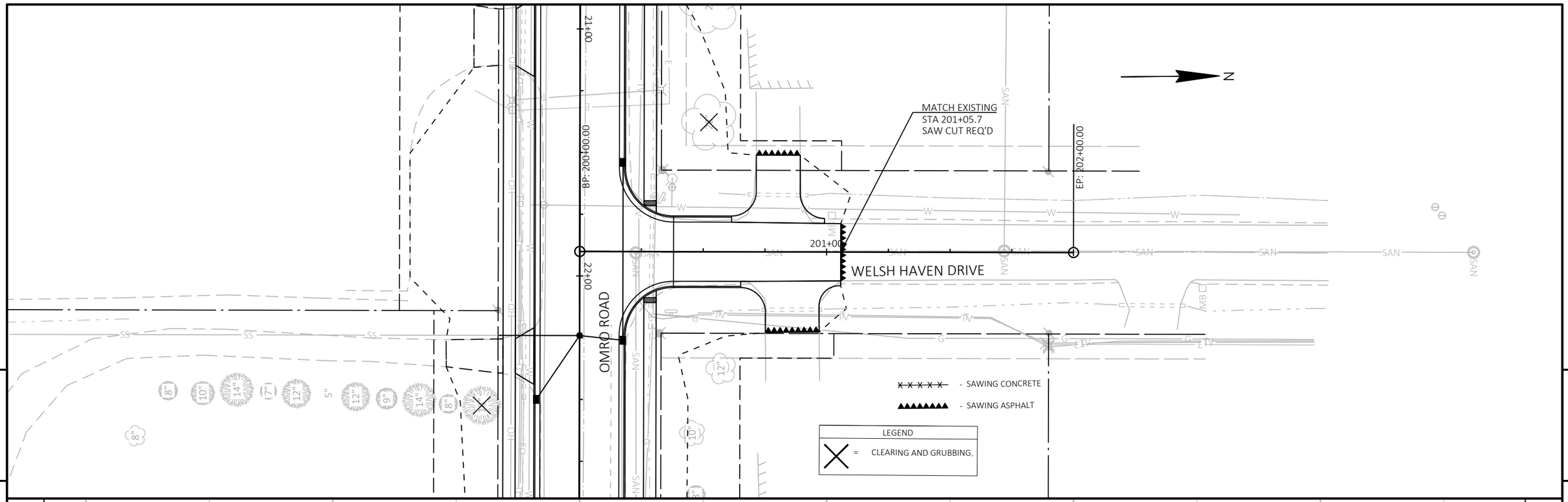
PLOT DATE : 10/30/2020 3:51 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

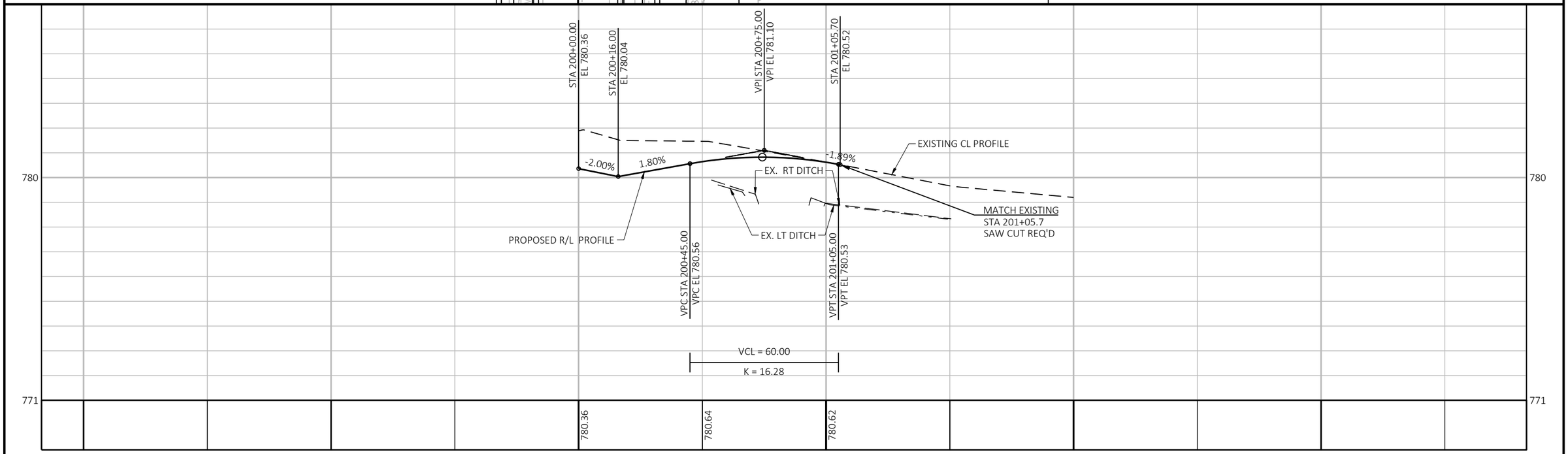


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OMRO ROAD	SHEET 172	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRORD-PP.DWG
LAYOUT NAME - Sheet - (19)

PLOT DATE : 10/30/2020 3:52 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: WELSH HAVEN DRIVE	SHEET 173	E

- SAWING CONCRETE
- SAWING ASPHALT

N

MATCH EXISTING
STA 209+09
SAW CUT REQ'D

BP: 208+35.00

209+00

CAMBRIA COURT

EP: 210+00.00

OMRO ROAD

27+00

MB SAN G W SS

MATCH EXISTING
STA 209+09
SAW CUT REQ'D

STA 209+09.00
EL 779.13

STA 209+84.00
EL 778.66

STA 210+00.00
EL 778.98

EXISTING CL PROFILE

-0.63%

2.00%

EX. RT DITCH

EX. LT DITCH

PROPOSED R/L PROFILE

780

770

778.87

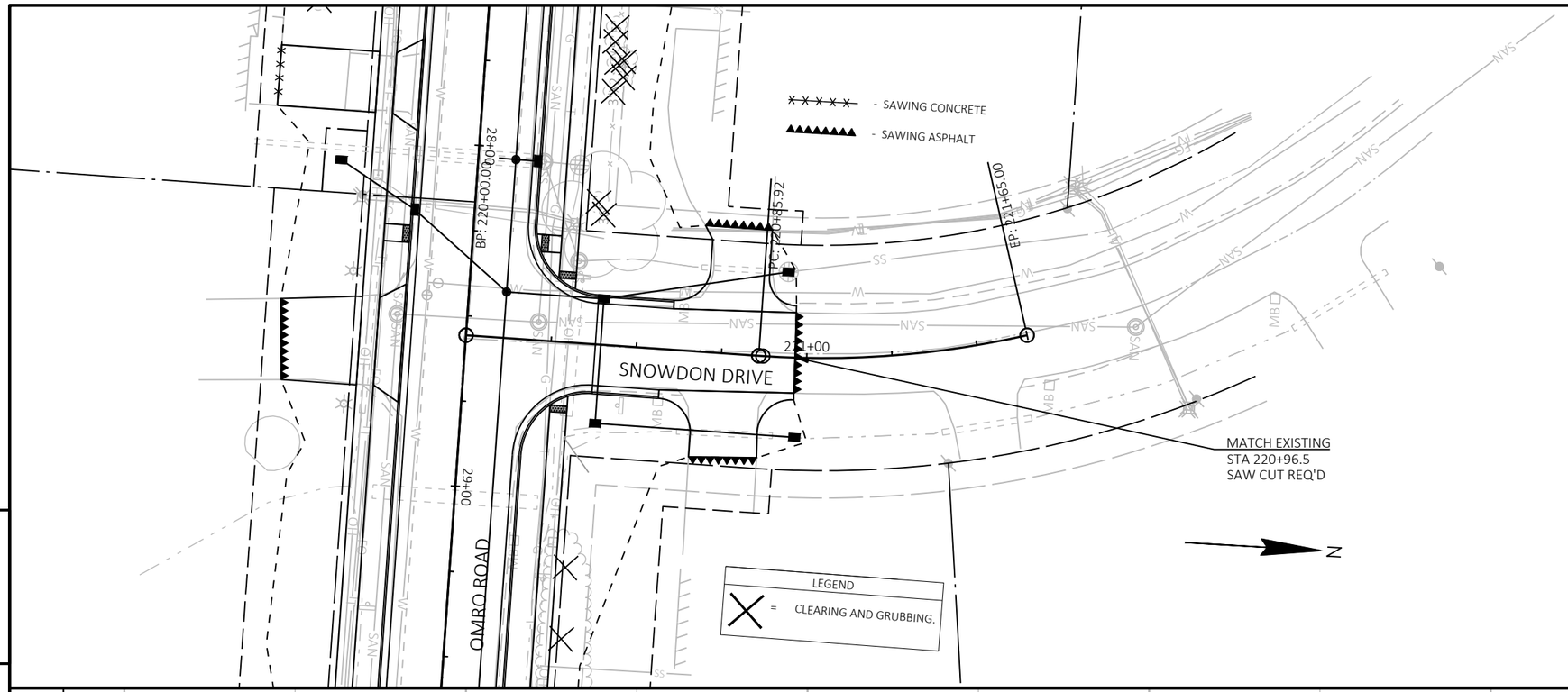
778.98

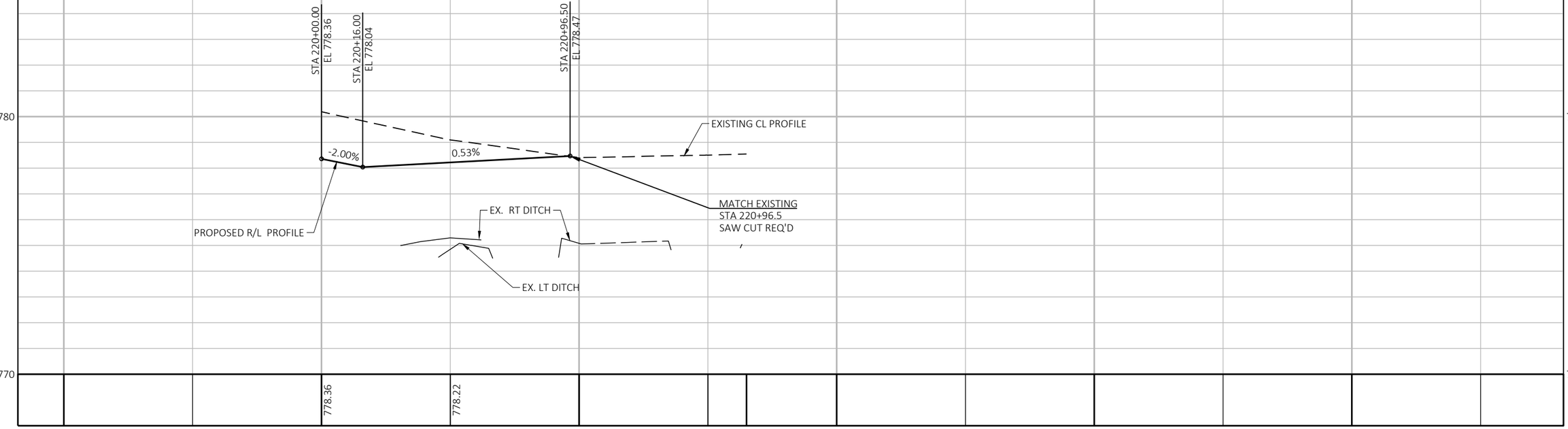
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: CAMBRIA COURT	SHEET 174	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRO ROAD SIDE ROAD-PP.DWG
LAYOUT NAME - 02

PLOT DATE : 10/30/2020 3:52 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

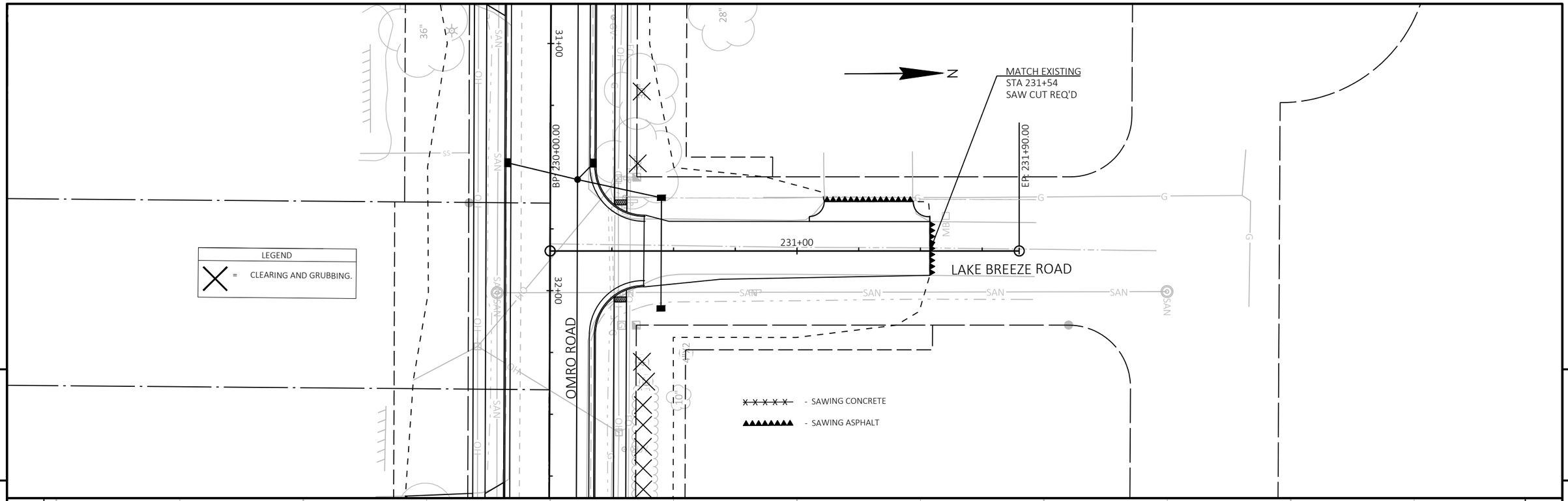


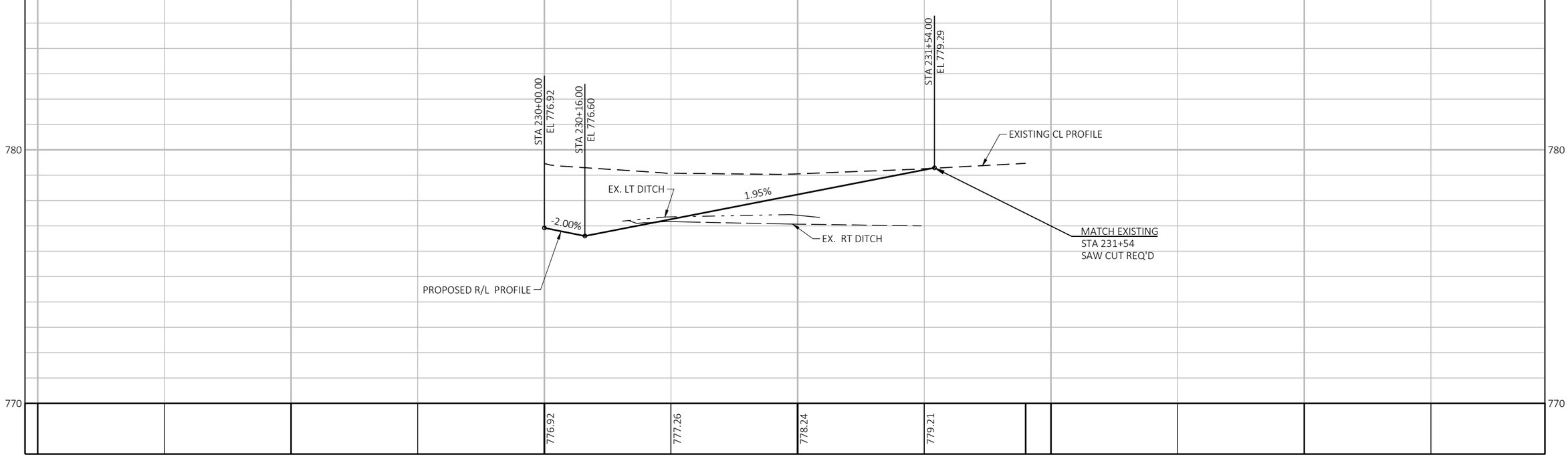


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: SNOWDON DRIVE	SHEET 175	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRO ROAD SIDE ROAD-PP.DWG
LAYOUT NAME - 03

PLOT DATE : 10/30/2020 3:52 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: LAKE BREEZE ROAD	SHEET 176	E

LEGEND

= CLEARING AND GRUBBING.

N

- SAWING CONCRETE

- SAWING ASPHALT

BP: 238+00.00

239+00 ELMHURST LANE

EP: 240+00.00

35+00

36+00

OMRO ROAD

MATCH EXISTING
STA 239+01
SAW CUT REQ'D

8"X3

26"

32"

36"

5

5

780

770

768

STA 239+01.00
EL 775.86

VPI STA 239+25.00
VPI EL 776.00

VPT STA 239+45.00
VPT EL 775.79

STA 239+84.00
EL 775.39

STA 240+00.00
EL 775.71

MATCH EXISTING
STA 239+01
SAW CUT REQ'D

EXISTING CL PROFILE

0.58%

-1.03%

2.00%

EX. LT DITCH

EX. RT DITCH

EX. RT DITCH

PROPOSED R/L PROFILE

VPC STA 239+05.00
VPC EL 775.88

VCL = 40.00

K = 24.73

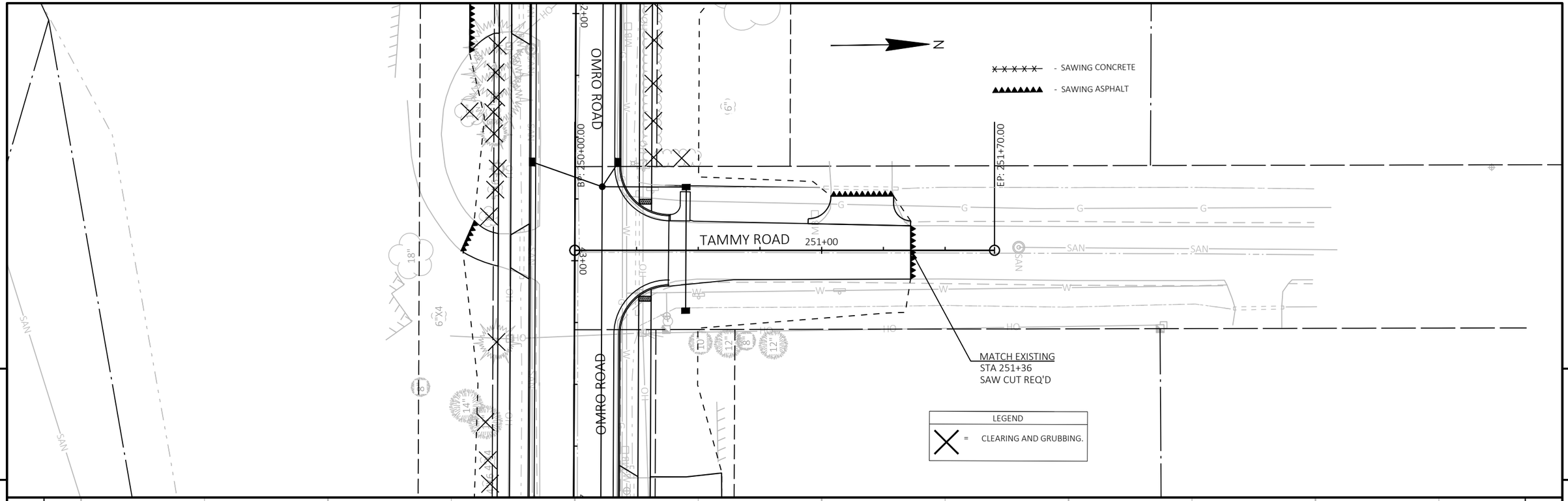
775.74

775.71

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: ELMHURST LANE	SHEET 177	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRO ROAD SIDE ROAD-PP.DWG
LAYOUT NAME - 05

PLOT DATE : 10/30/2020 3:52 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

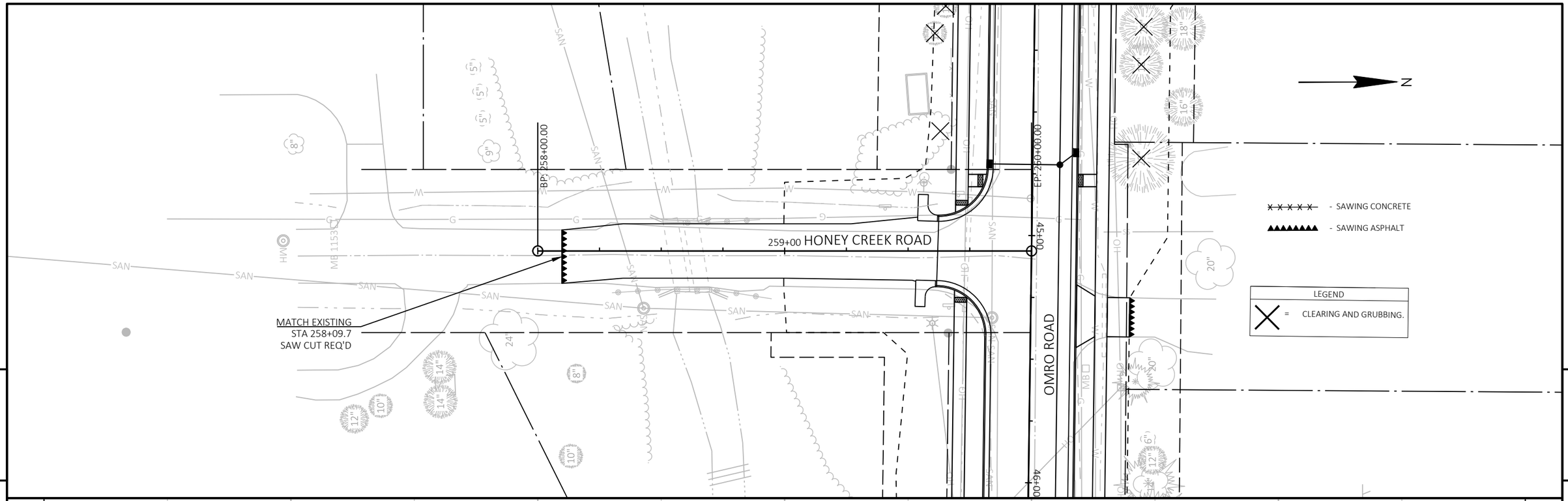


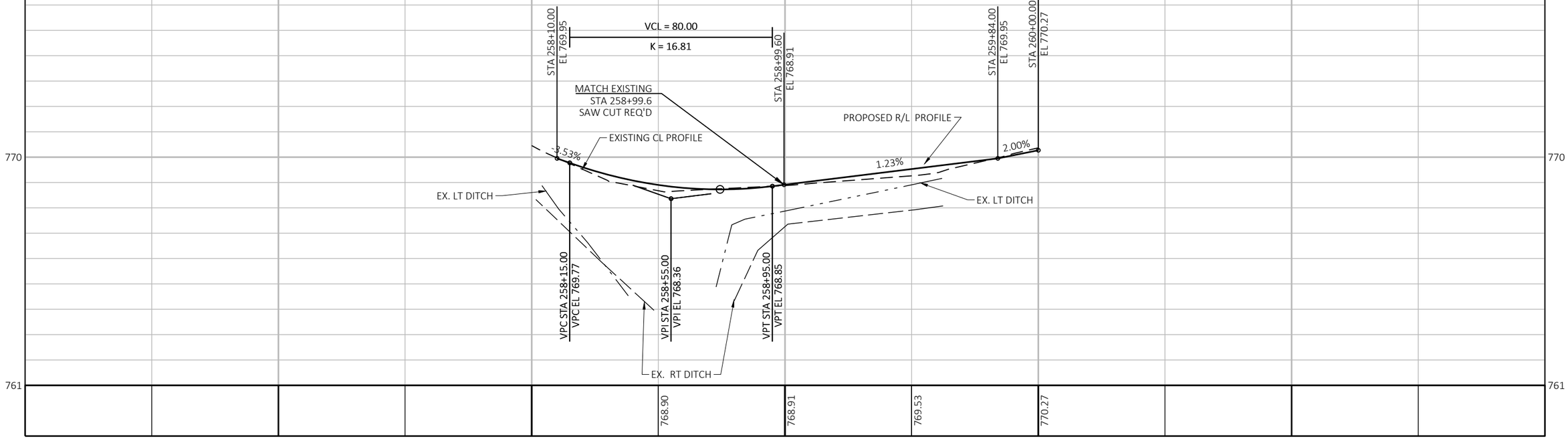
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: TAMMY ROAD	SHEET 178	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRO ROAD SIDE ROAD-PP.DWG
LAYOUT NAME - 06

PLOT DATE : 10/30/2020 3:53 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

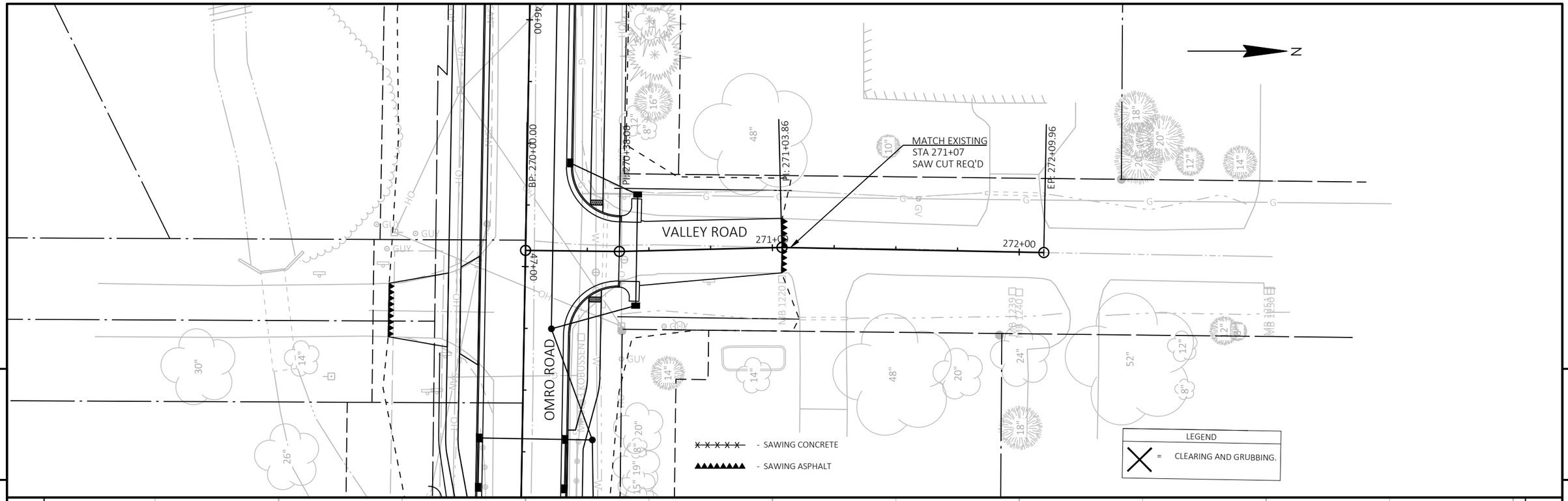


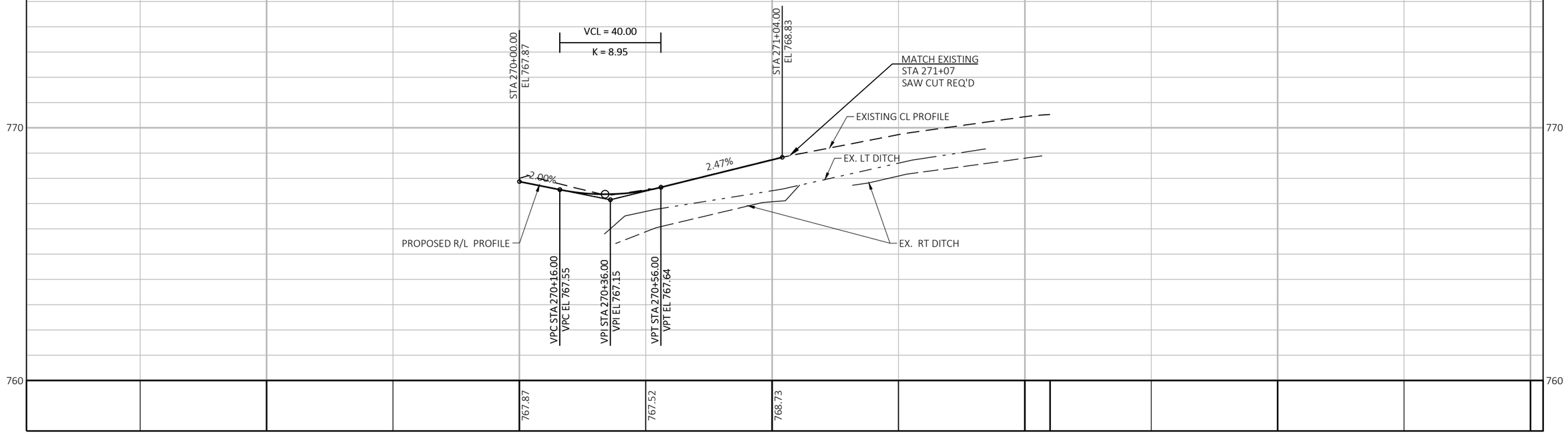


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: HONEY CREEK ROAD	SHEET 179	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRO ROAD SIDE ROAD-PP.DWG
LAYOUT NAME - 07

PLOT DATE : 10/30/2020 3:53 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT



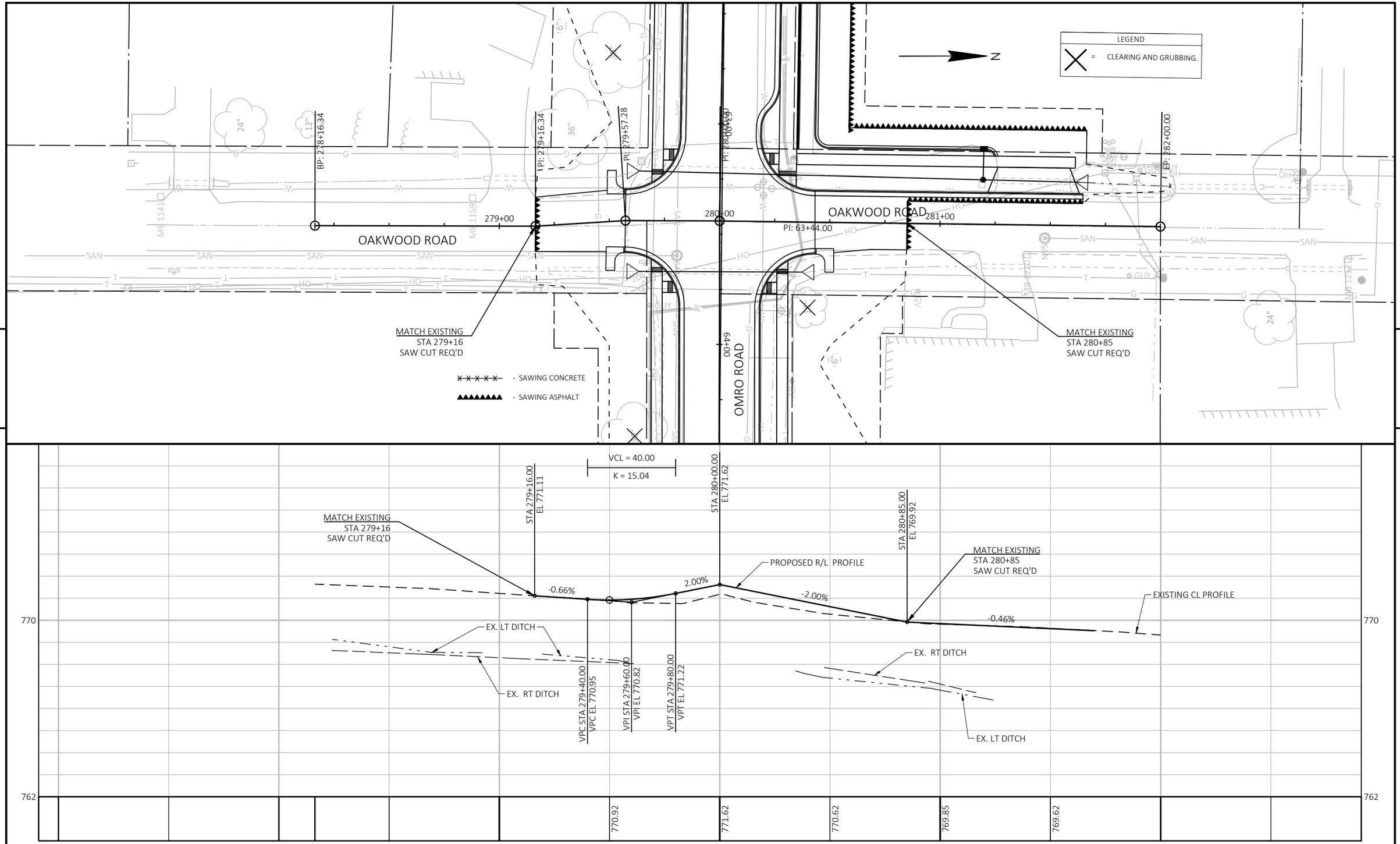


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: VALLEY ROAD	SHEET 180	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRO ROAD SIDE ROAD-PP.DWG
LAYOUT NAME - 08

PLOT DATE : 10/30/2020 3:53 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

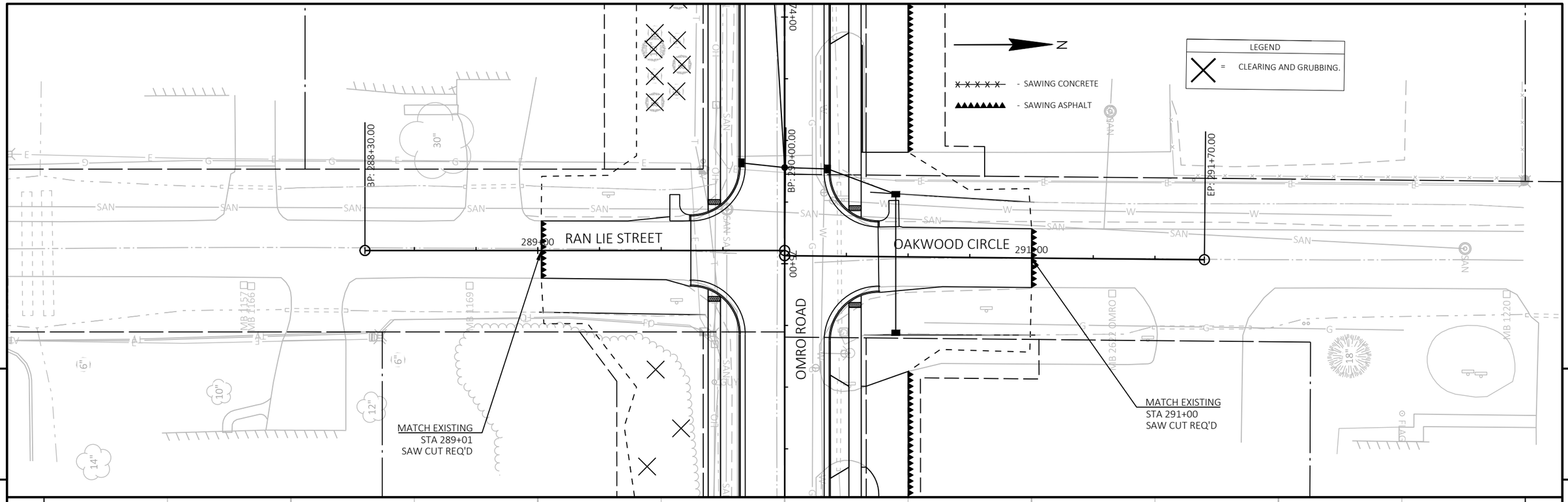


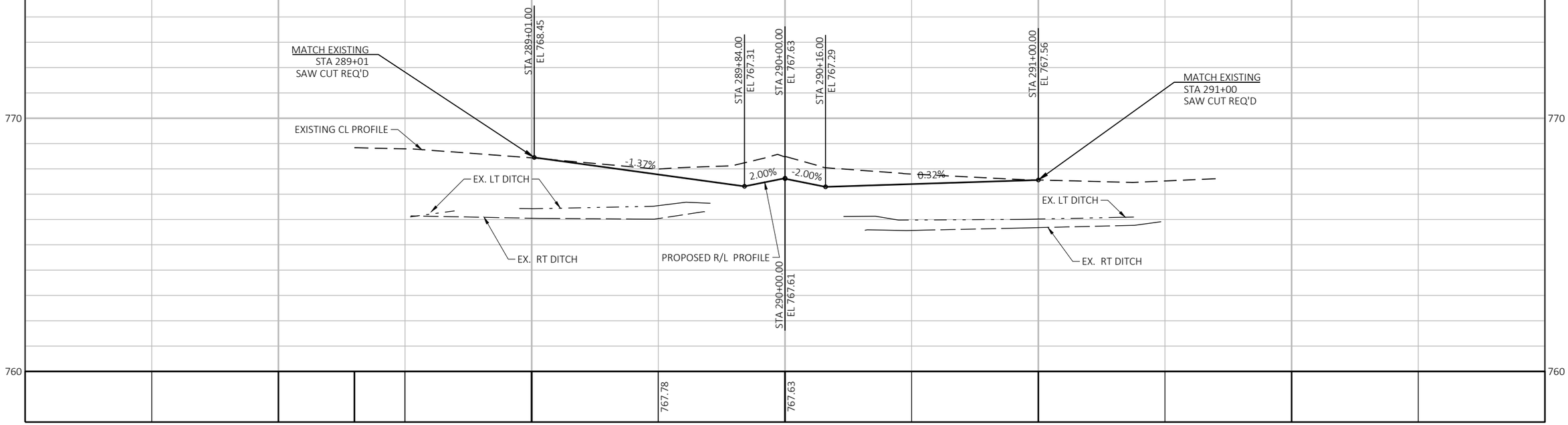
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: OAKWOOD ROAD	SHEET 181	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRO ROAD SIDE ROAD-PP.DWG
LAYOUT NAME - 09

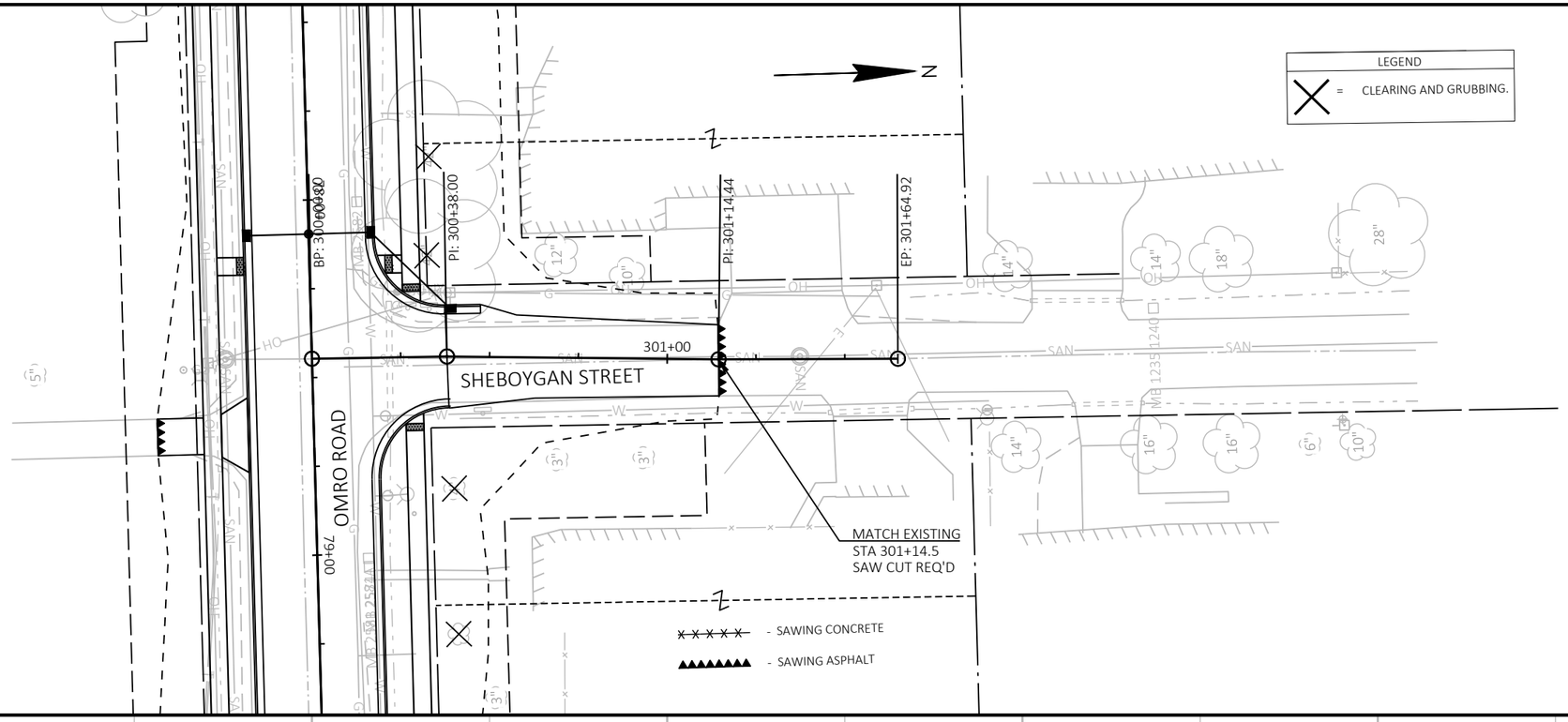
PLOT DATE : 10/30/2020 3:53 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

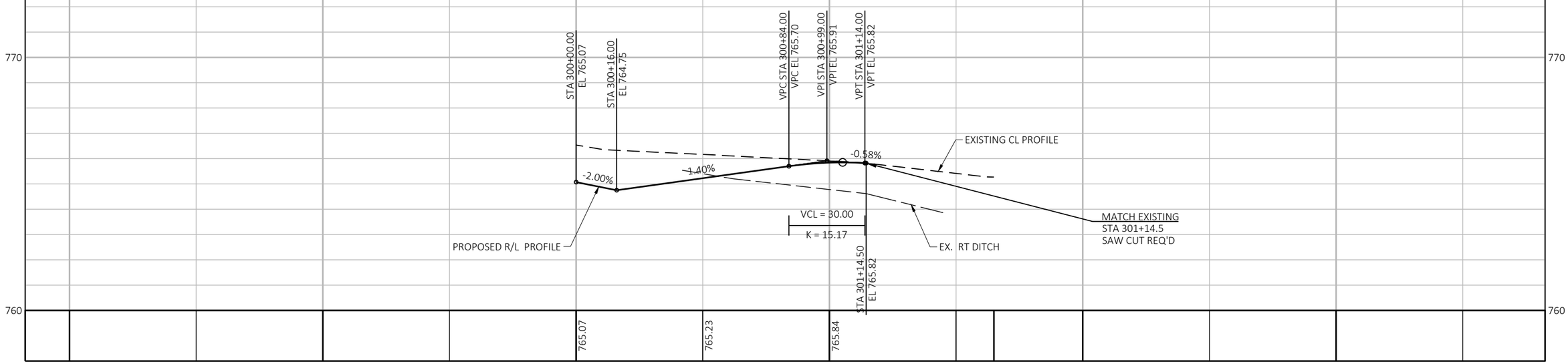
WISDOT/CADDS SHEET 44





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: RAN LIE STREET & OAKWOOD CIRCLE	SHEET 182	E



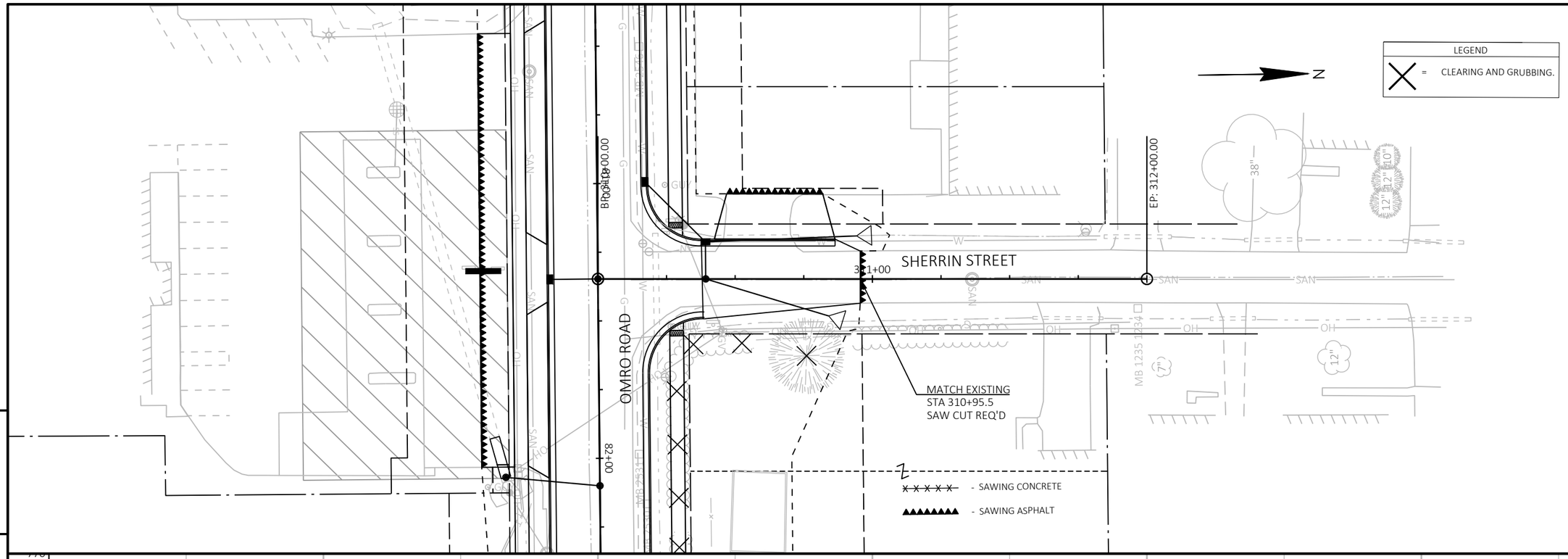


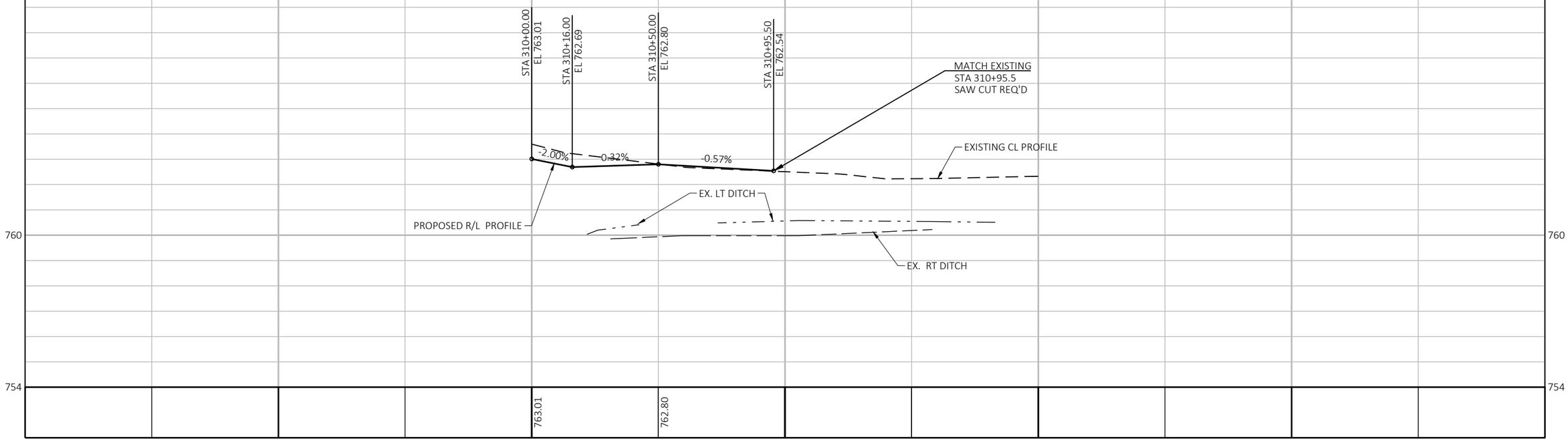
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: SHEBOYGAN STREET	SHEET 183	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRO ROAD SIDE ROAD-PP.DWG
LAYOUT NAME - 12

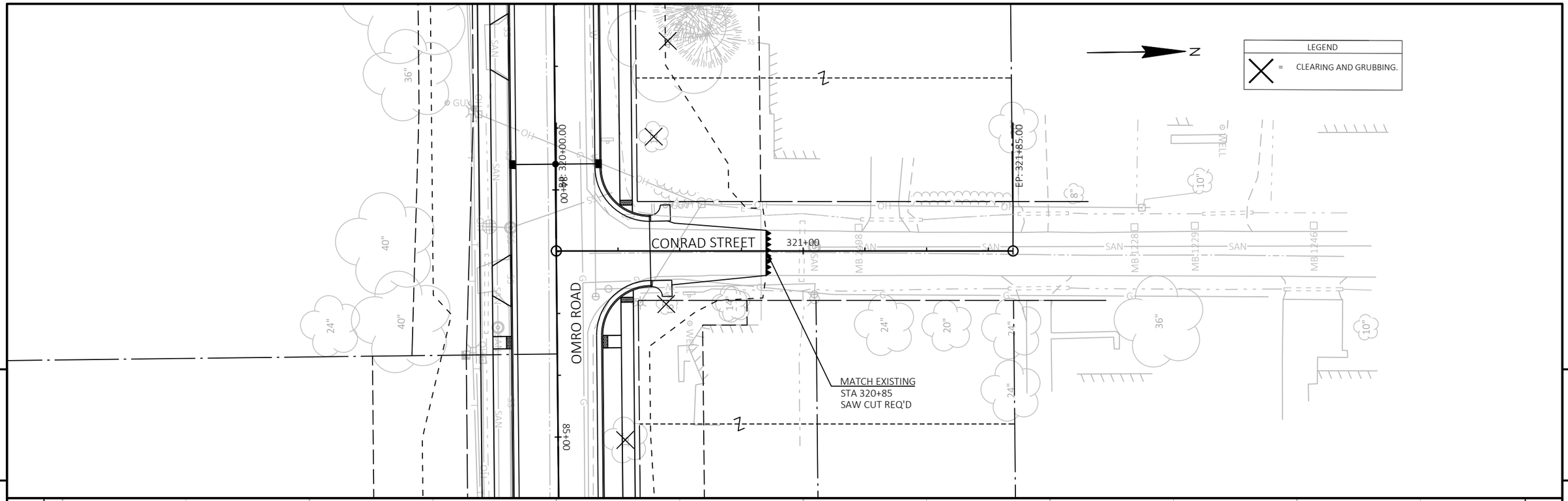
PLOT DATE : 10/30/2020 3:53 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: SHERRIN STREET	SHEET 184	E

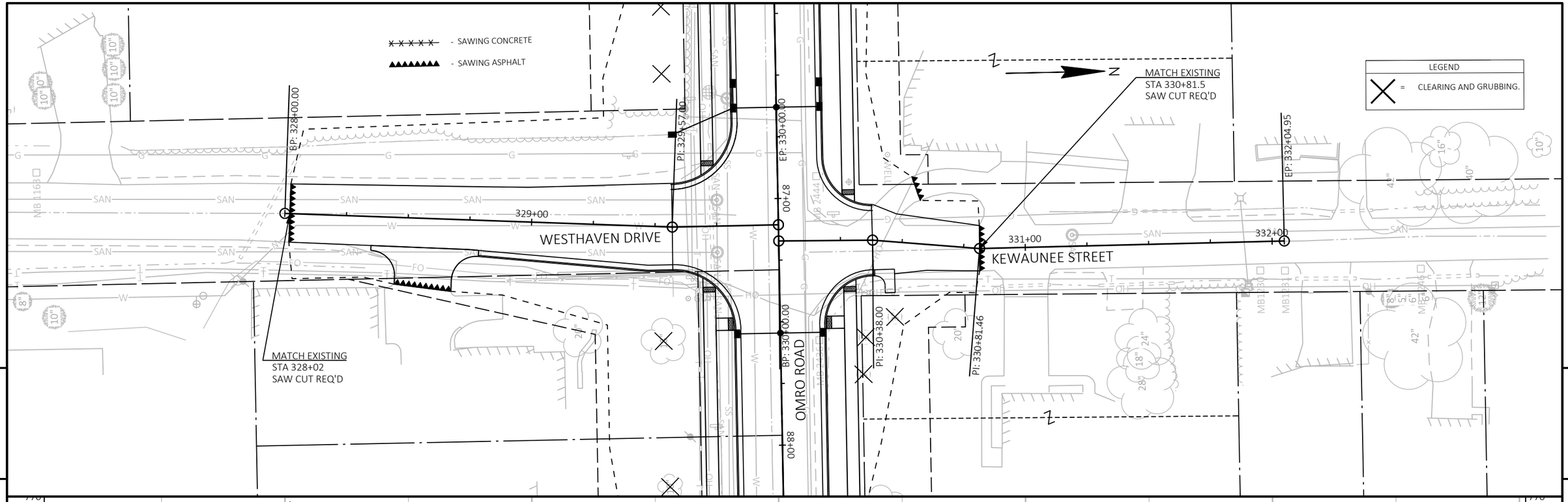


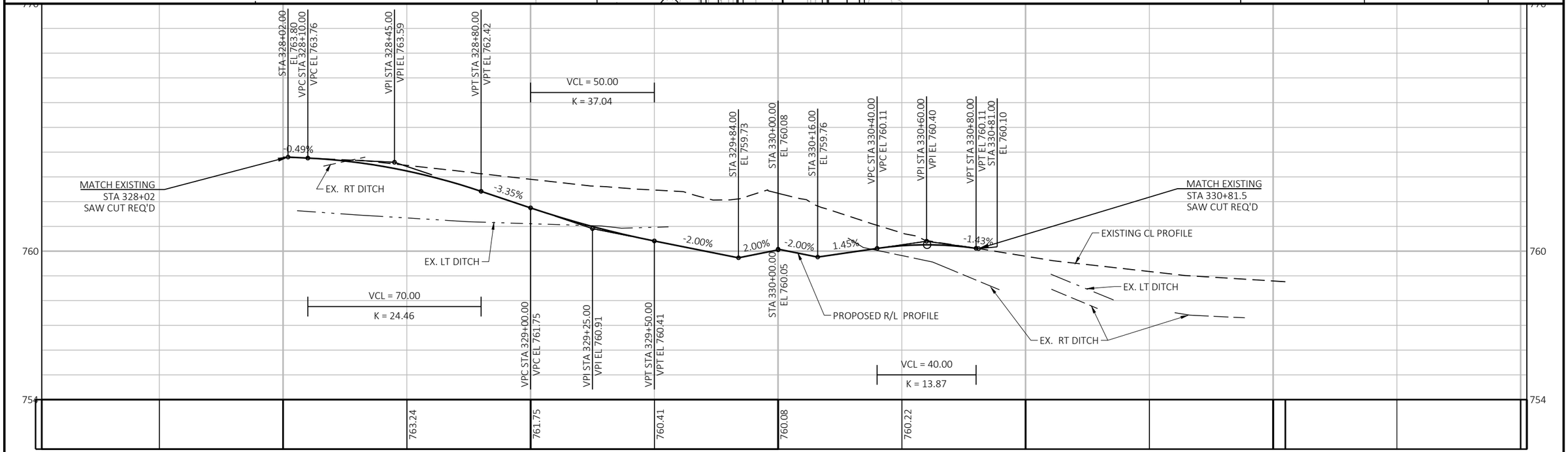
5

5

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: CONRAD STREET	SHEET 185	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRO ROAD SIDE ROAD-PP.DWG
LAYOUT NAME - 1 14
PLOT DATE : 10/30/2020 3:54 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



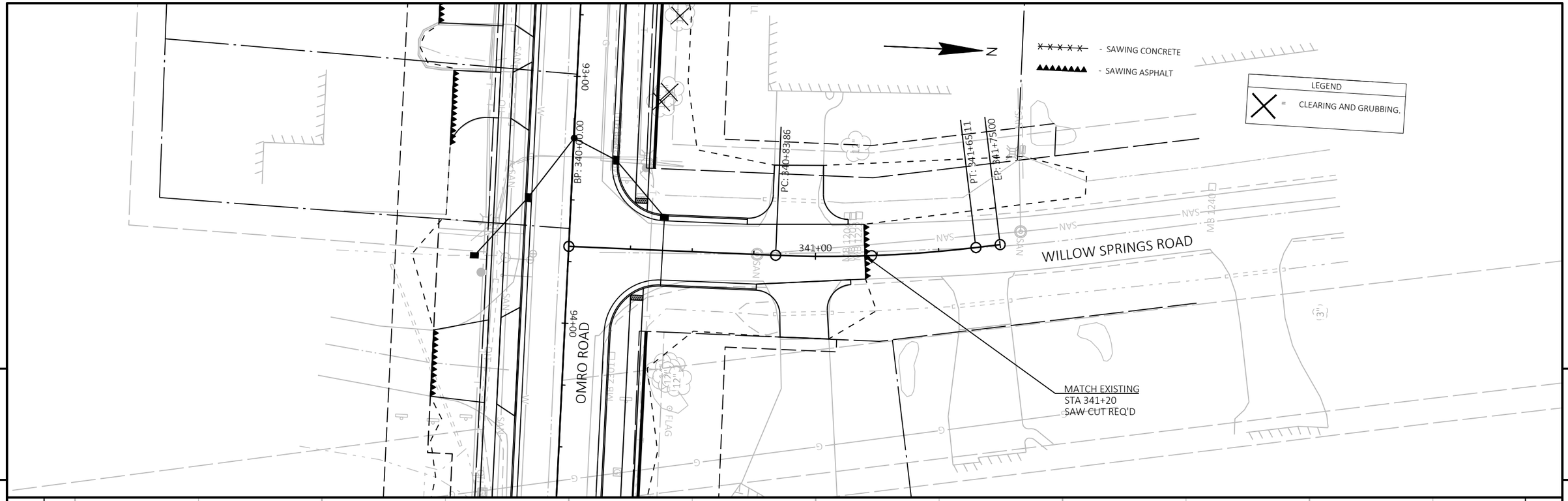


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: WESTHAVEN DRIVE & KEWAUNEE STREET	SHEET 186 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRO ROAD SIDE ROAD-PP.DWG
LAYOUT NAME - 16

PLOT DATE : 10/30/2020 3:54 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

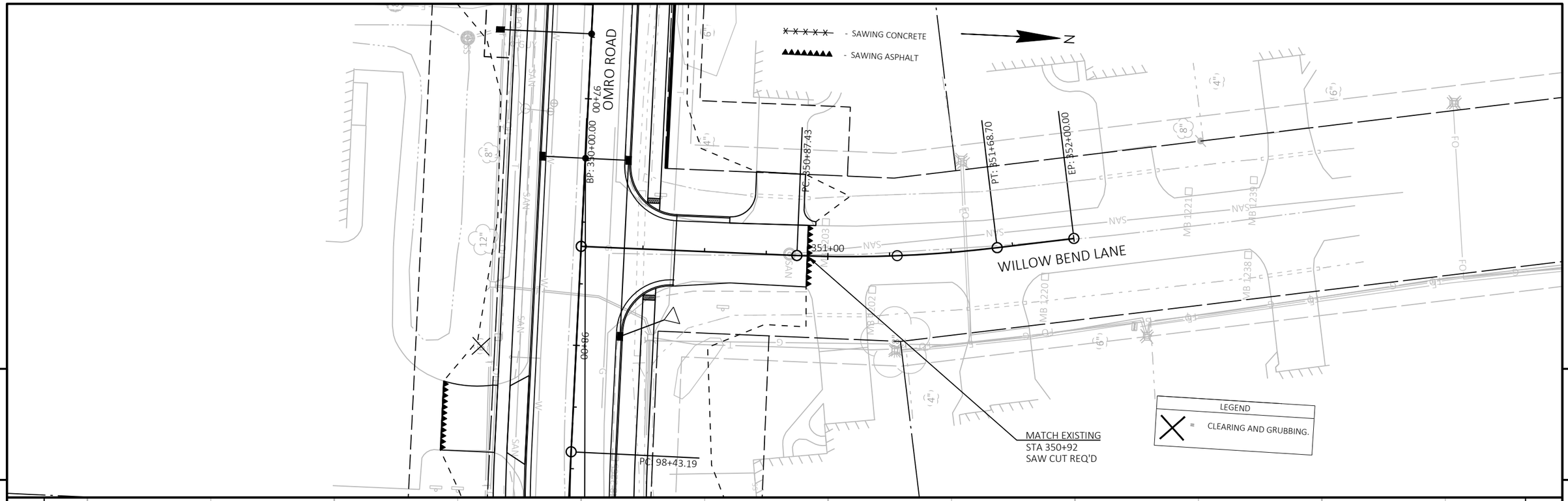


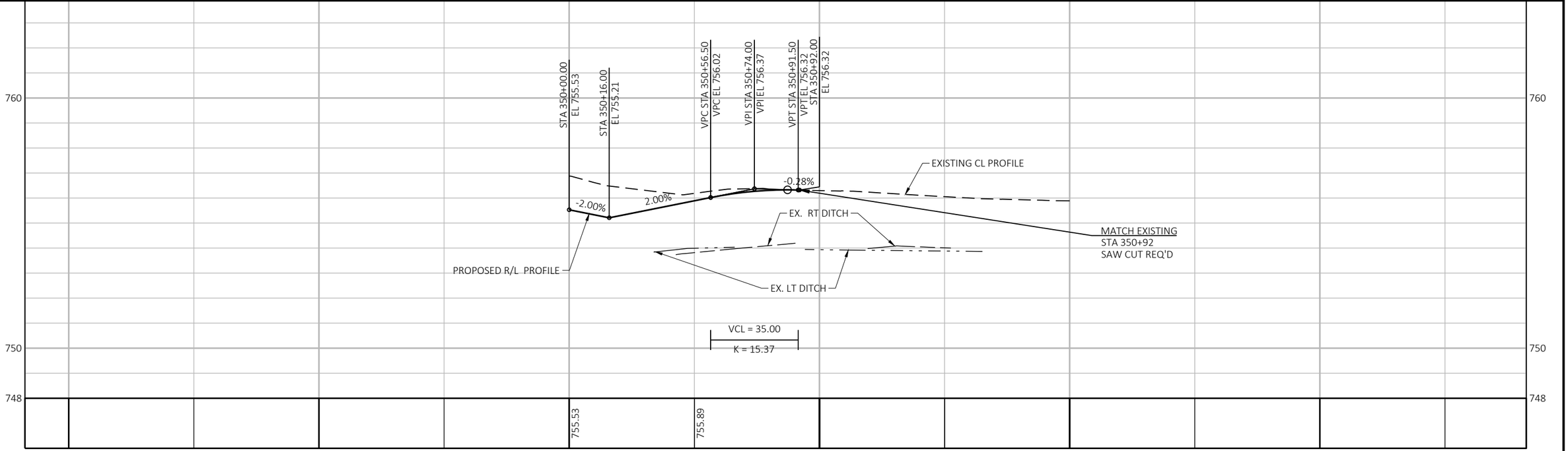
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: WILLOWSPRINGS ROAD	SHEET 187	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\PLAN SHEETS\05-PP\OMRO ROAD SIDE ROAD-PP.DWG
LAYOUT NAME - 17

PLOT DATE : 10/30/2020 3:54 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



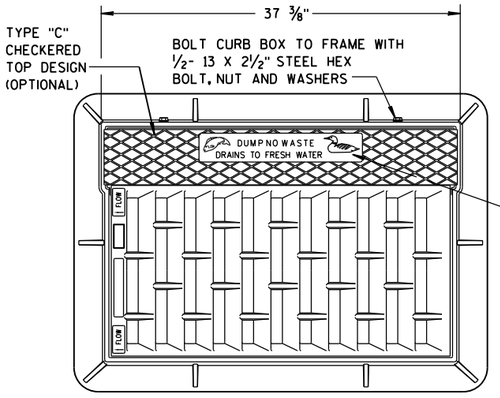


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	PLAN AND PROFILE: WILLOW BEND LANE	SHEET 188	E

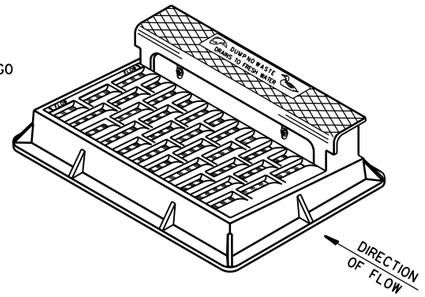
Standard Detail Drawing List

08A05-19A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-19B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-19D	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08B09-02	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER
08C06-02	INLETS 3-FT AND 4-FT DIAMETER
08C07-02	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08C08-02	INLETS MEDIAN 1 AND 2 GRATE
08D01-21A	CONCRETE CURB & GUTTER
08D01-21B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-05	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D05-20A	CURB RAMPS TYPES 1 AND 1-A
08D05-20B	CURB RAMPS TYPES 2 AND 3
08D05-20C	CURB RAMPS TYPES 4A AND 4A1
08D05-20D	CURB RAMPS TYPE 4B AND 4B1
08D05-20E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-20F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-20G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D19-02	DRIVEWAY AND SIDEWALK RAMPS TYPE Z
08D21-01	DRIVEWAYS WITHOUT CURB & GUTTER
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E14-01	TRACKING PAD
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F02-01	APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE
08F04-07	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09G01-04A	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04B	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04C	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04D	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04E	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04F	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04G	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
12A03-10	NAME PLATE (STRUCTURES)
13C19-02	HMA LONGITUDINAL JOINTS
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-08B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C07-15A	PAVEMENT MARKING SYMBOLS
15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C07-15E	PAVEMENT MARKING FOR BIKE LANES
15C08-20A	LONGITUDINAL MARKING (MAINLINE)
15C29-07A	BICYCLE LANE MARKING
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D27-03	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS
16A01-07	LANDMARK REFERENCE MONUMENTS AND COVERS

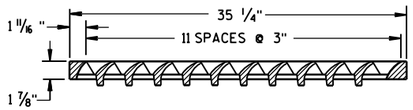
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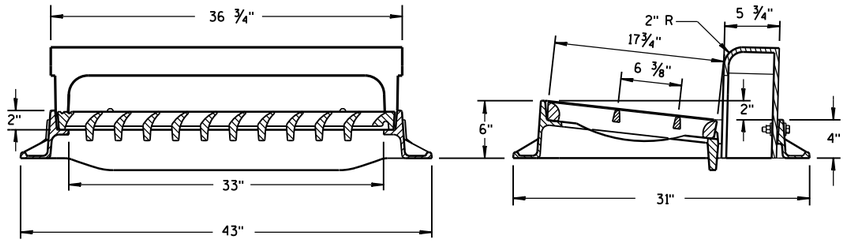


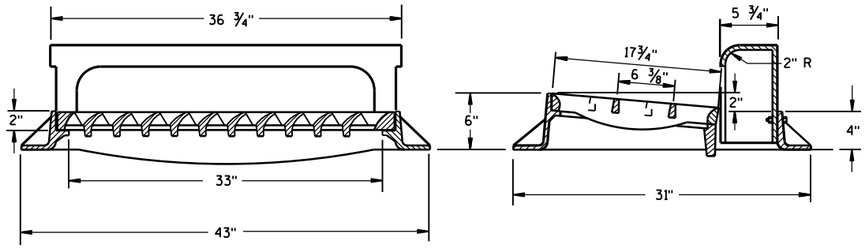
NOTE:
GRATE IS REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

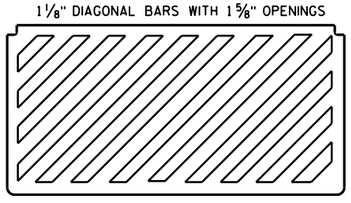






TYPE "H"

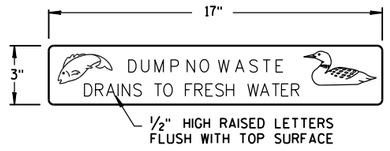
NOTE: EITHER CASTING IS ACCEPTABLE



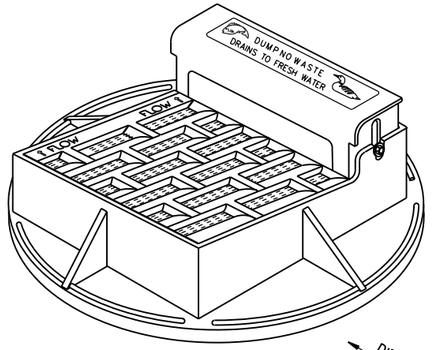
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35 1/4" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)



LOGO DETAIL



NOTE: CURB BOX ADJUSTABLE 4" TO 9"

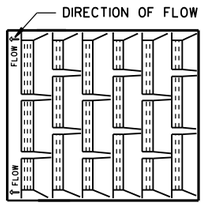
NOTE:
GRATE IS REVERSIBLE.

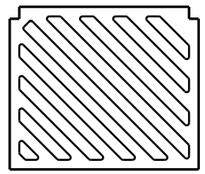
GENERAL NOTES

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.

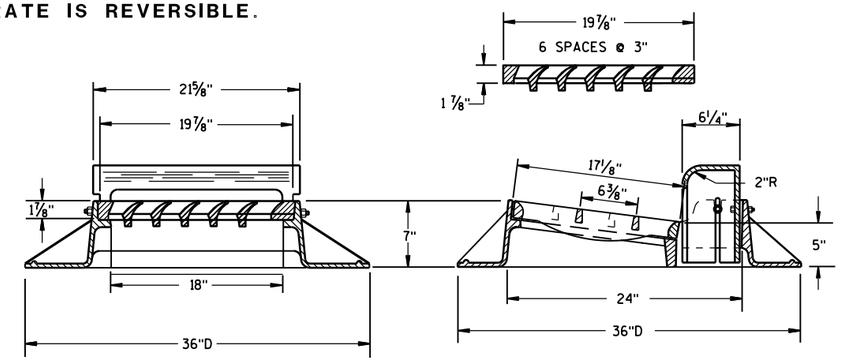




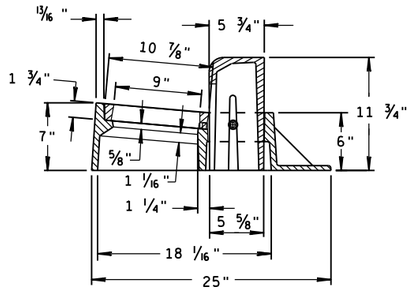
SPECIAL GRATE FOR TYPE "A" COVER

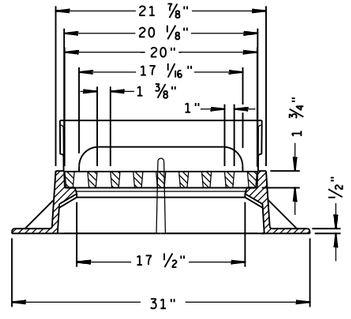
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)

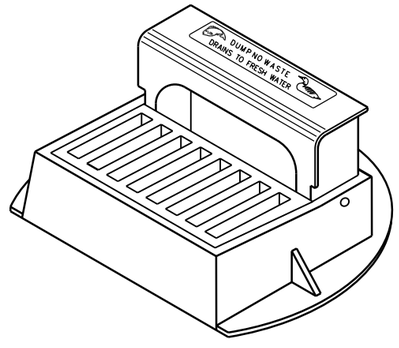


TYPE "A"





TYPE "Z"



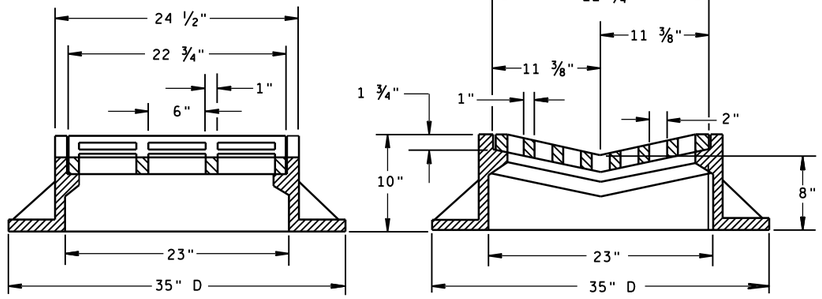
INLET COVERS
TYPE A, H, A-S, H-S & Z

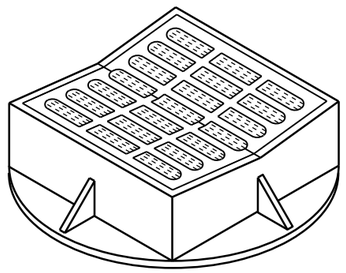
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11-27-13 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

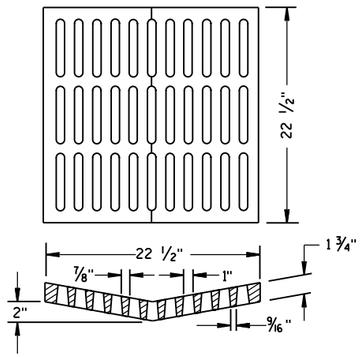
6

S.D.D. 8 A 5-19a



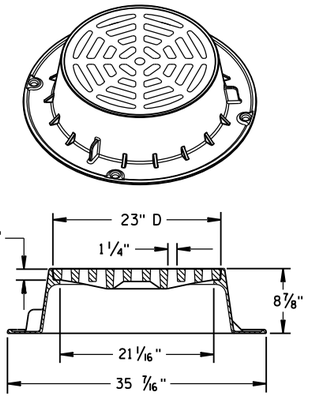


TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.
NOTED AS TYPE B-A ON THE DRAINAGE TABLE



TYPE "C"

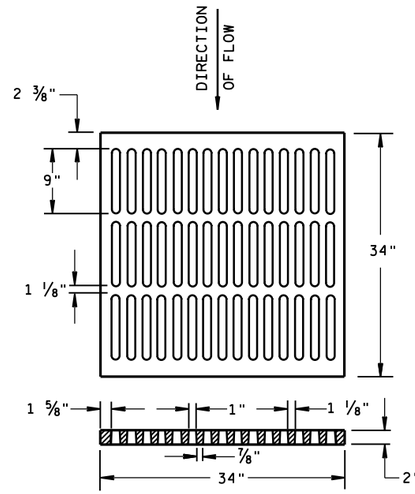
NOTE: EITHER CASTING IS ACCEPTABLE

GENERAL NOTES

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

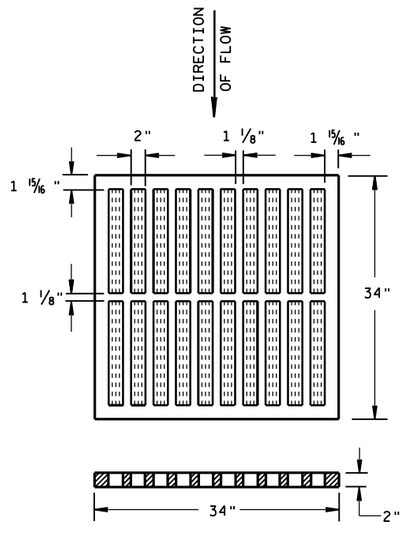
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



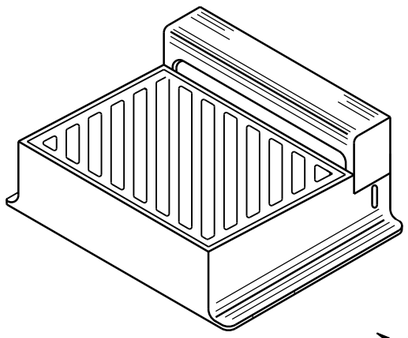
ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

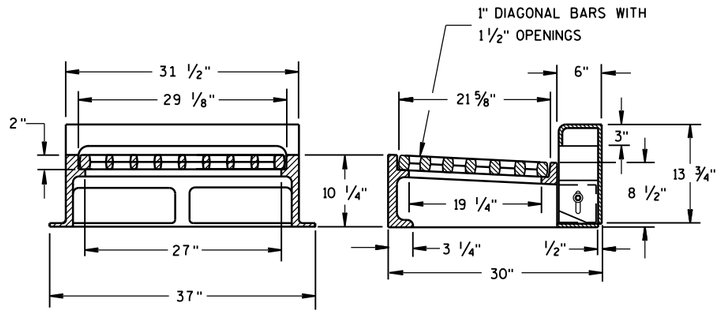


TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS
NOTED AS TYPE MS ON DRAINAGE TABLE



DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

TYPE "WM"

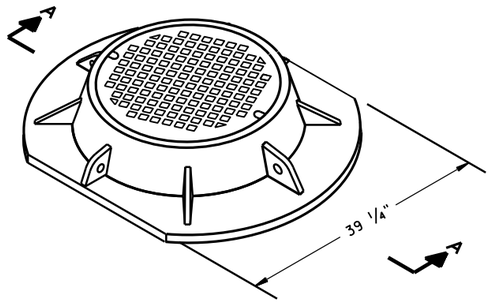
INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM

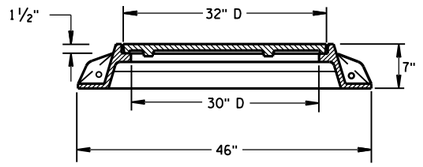
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

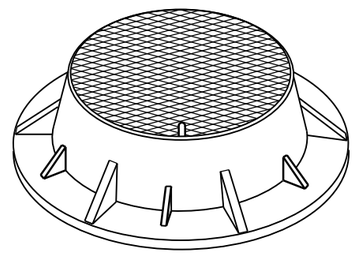
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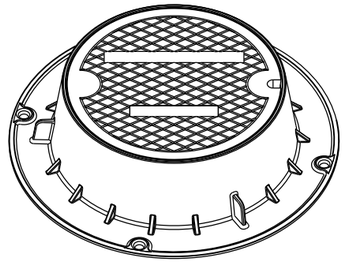
S.D.D. 8 A 5-19b

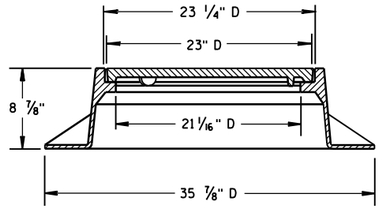


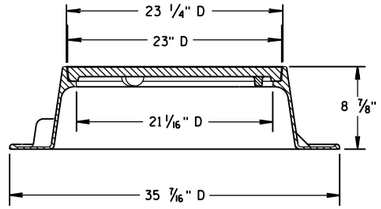


SECTION A-A
TYPE "K"









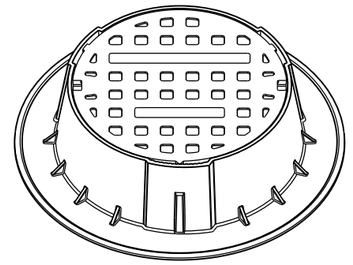
TYPE "J"
NOTE: EITHER CASTING IS ACCEPTABLE

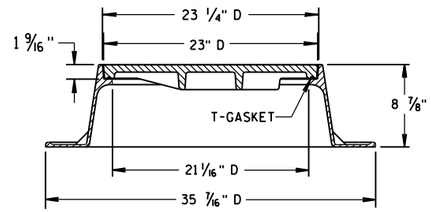
GENERAL NOTES

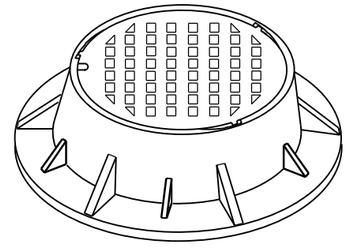
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

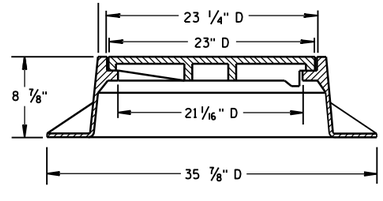
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

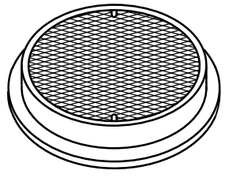


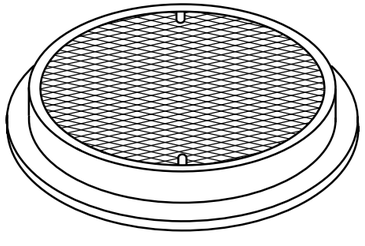


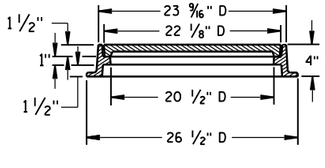




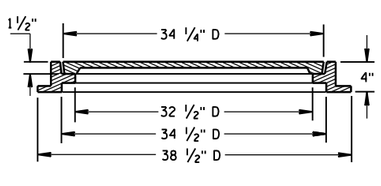
TYPE "J" SPECIAL
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)
NOTE: EITHER CASTING IS ACCEPTABLE



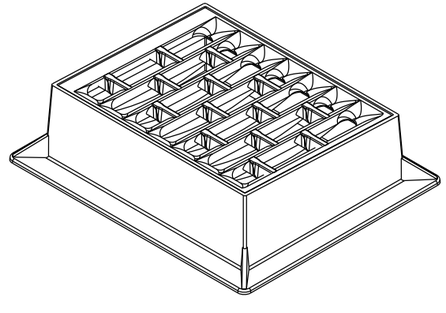


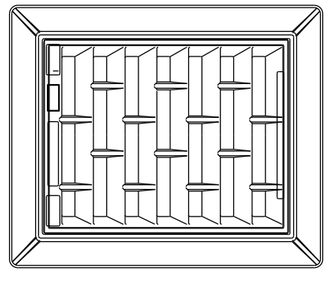


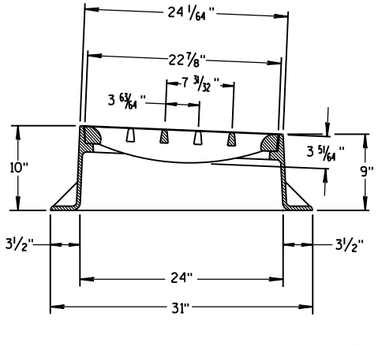
TYPE "L"

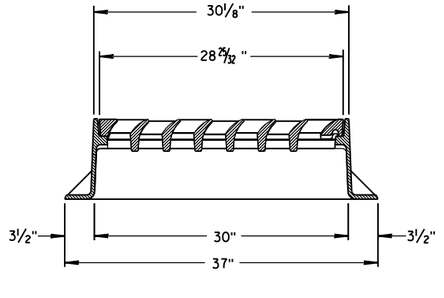


TYPE "M"









INLET COVER TYPE "BW"

INLET COVER TYPE BW
MANHOLE COVERS, TYPE K, J, J-S, L & M

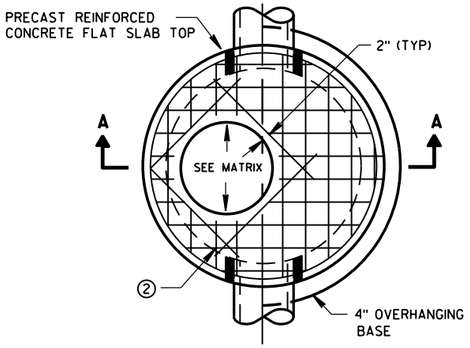
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013
DATE
FHWA

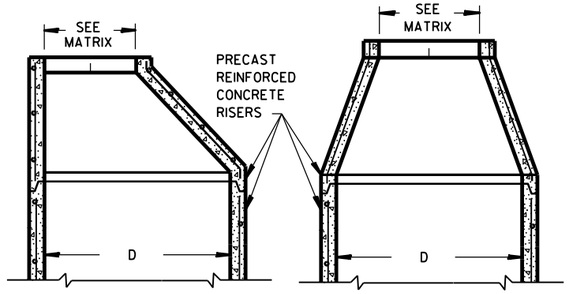
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

6

S.D.D. 8 A 5-19d

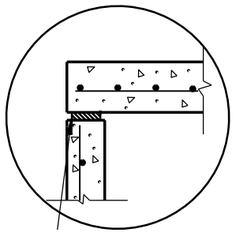


PLAN VIEW CIRCULAR OPENING

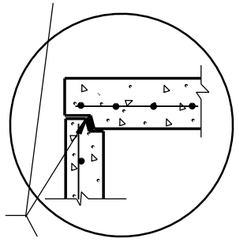


OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

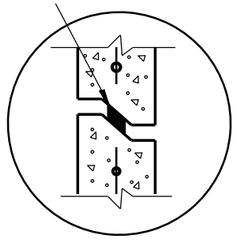


TOP WITH PLAIN END JOINT



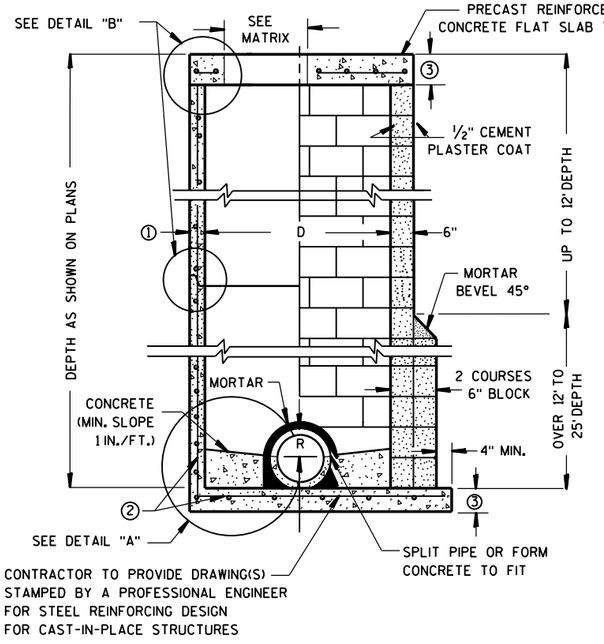
JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C990 (TYP)

TOP WITH TONGUE AND GROOVE JOINT



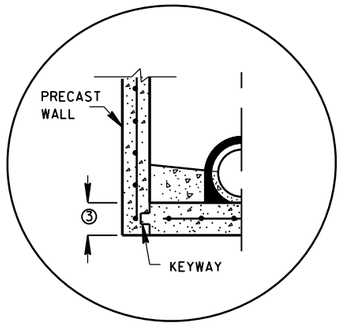
RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

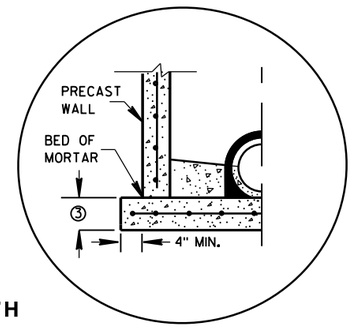


PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

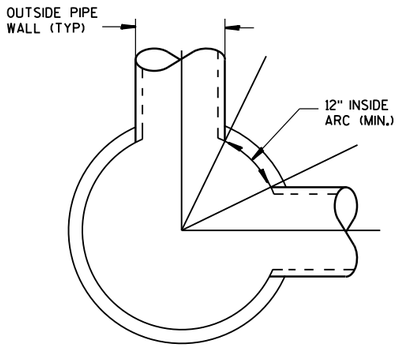


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



DETAIL "C"

GENERAL NOTES

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

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

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

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

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

PRECAST REINFORCED CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES, AND CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½" AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

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

CONCRETE BLOCK WILL NOT BE PERMITED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

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

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT, 5 INCHES FOR 4-FT, 6 INCHES FOR 5-FT, 7 INCHES FOR 6-FT, 8 INCHES FOR 7-FT AND 9 INCHES FOR 8-FT DIAMETER PRECAST MANHOLES.

② FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

③ PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER OF 48" AND LESS SHALL HAVE A MINIMUM THICKNESS OF 6". PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER LARGER THAN 48" SHALL HAVE A MINIMUM THICKNESS OF 8".

MANHOLE COVER OPENING MATRIX

MANHOLE COVER TYPE	C	ALL J'S	K	L	M
OPENING SIZE (FT)					
2 DIA.	X	X		X	
3 DIA.			X		X

PIPE MATRIX

MANHOLE SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18
5-FT	36	24
6-FT	42	36
7-FT	48	36
8-FT	60	42

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept., 2016
DATE

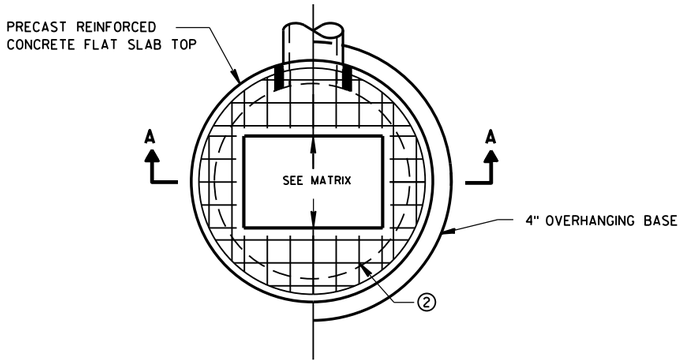
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERV

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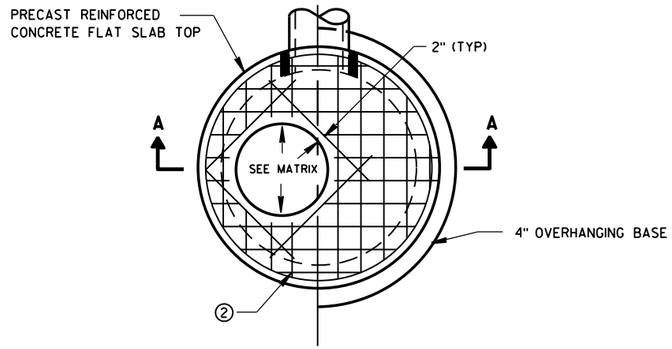
MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER

S.D.D. 8 B 9-2

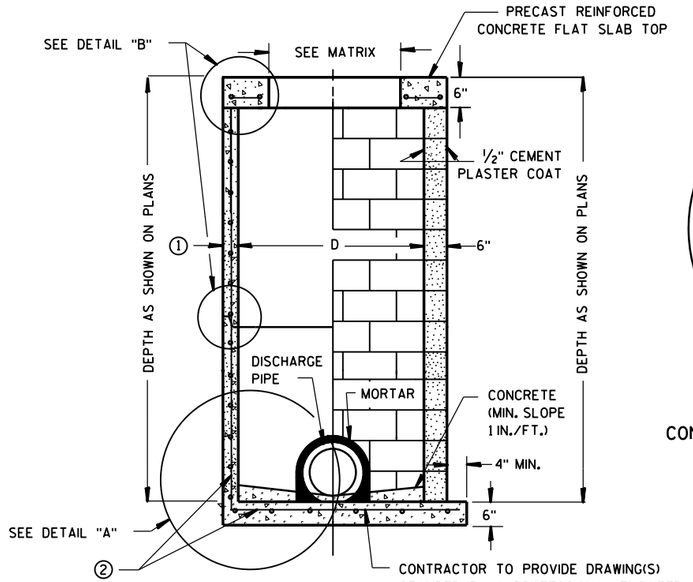
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PLAN VIEW RECTANGULAR OPENING



PLAN VIEW CIRCULAR OPENING

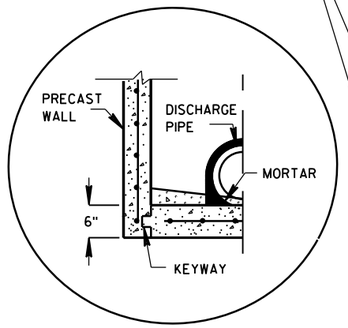


SECTION A-A

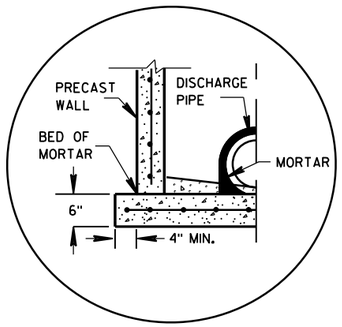
PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

CIRCULAR INLETS W/ FLAT TOP

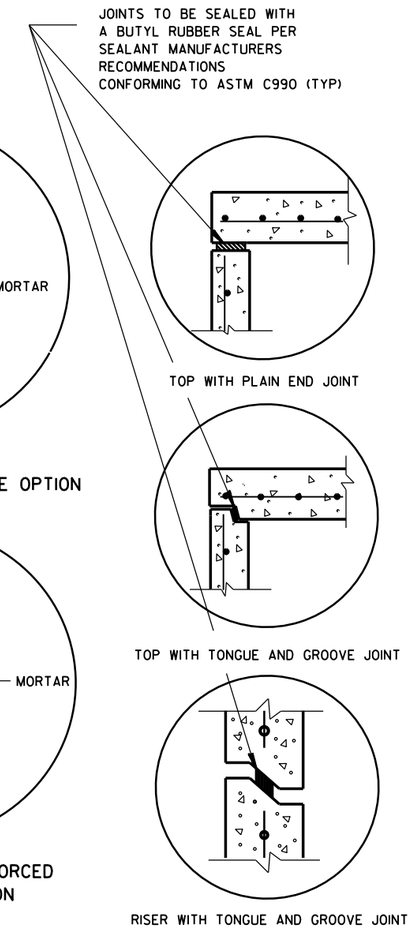


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



DETAIL "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.

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

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION 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.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

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

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

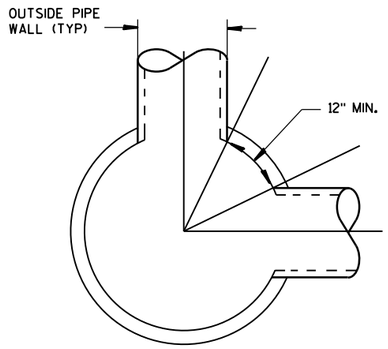
FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4-IN FOR 3-FT DIAMETER AND 5-IN FOR 4-FT DIAMETER PRECAST INLETS.

② FOR PRECAST CATCH BASINS PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

INLET COVER OPENING MATRIX

	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
INLET SIZE	OPENING SIZE (FT)											
3-FT	2 DIA.				X							X
	2X2	X	X					X		X		
4-FT	2 DIA.				X							X
	2X2	X	X					X		X		
	2X2.5			X				X	X	X	X	
	2X3						X					
	2.5X3					X						



DETAIL "C"

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

INLETS 3-FT AND 4-FT DIAMETER

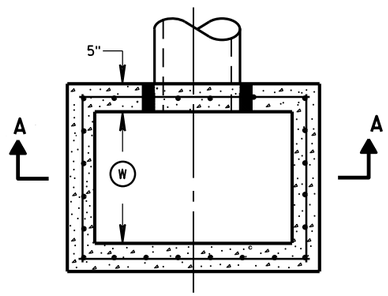
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept.. 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS | UNIT SUPERVI ENT
FHWA

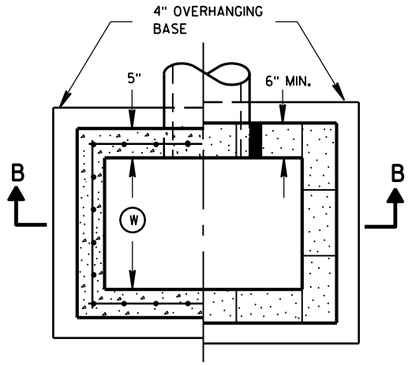
INLETS 3-FT AND 4-FT DIAMETER

6

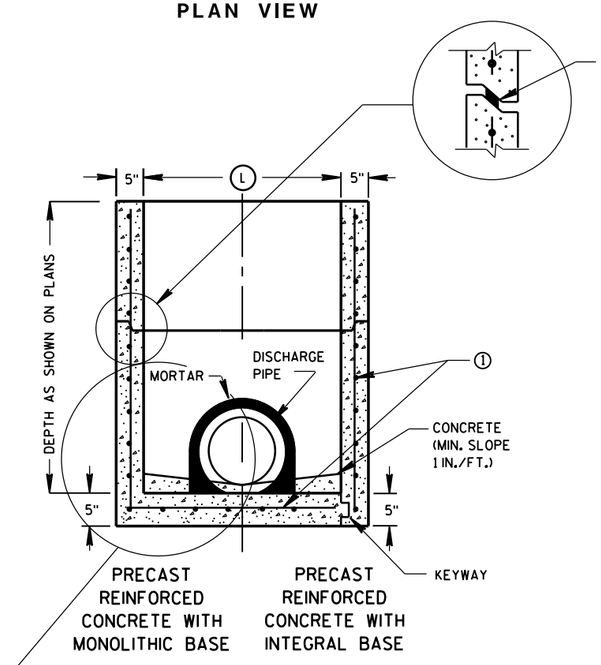
S.D.D. 8 C 6-2



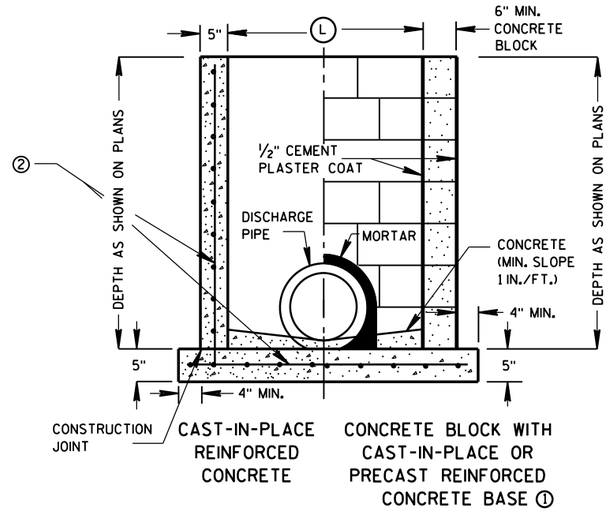
PLAN VIEW



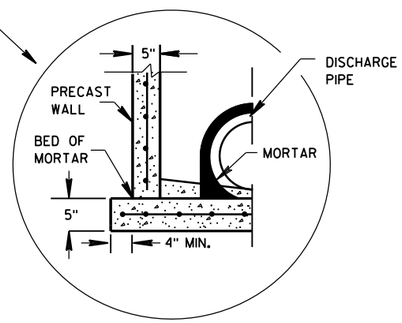
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

GENERAL NOTES

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

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

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

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

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

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

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

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

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

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

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

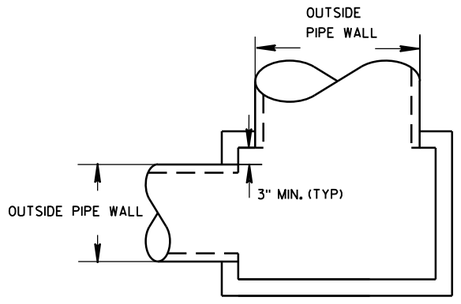
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

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

PIPE MATRIX

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



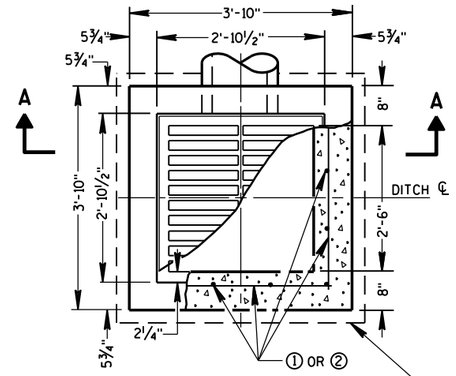
DETAIL "A"

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

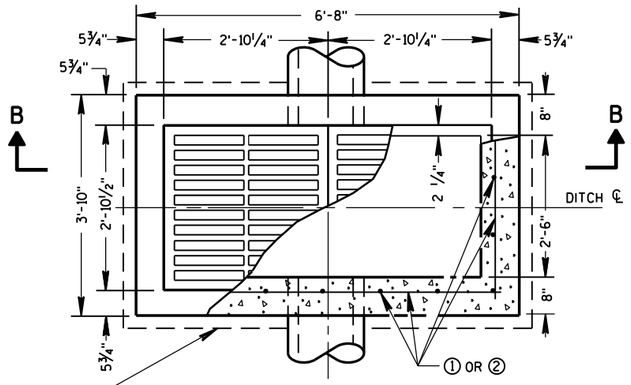
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS D IT
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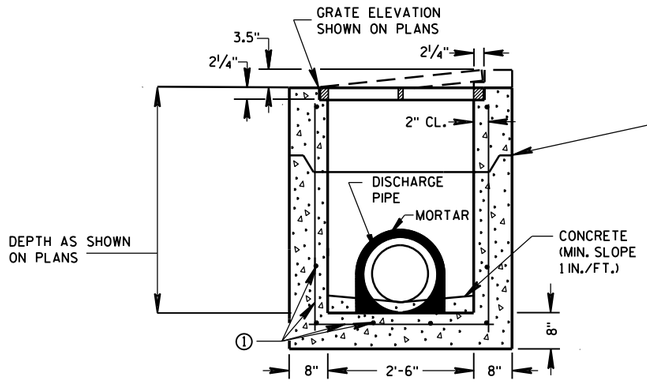


PLAN VIEW

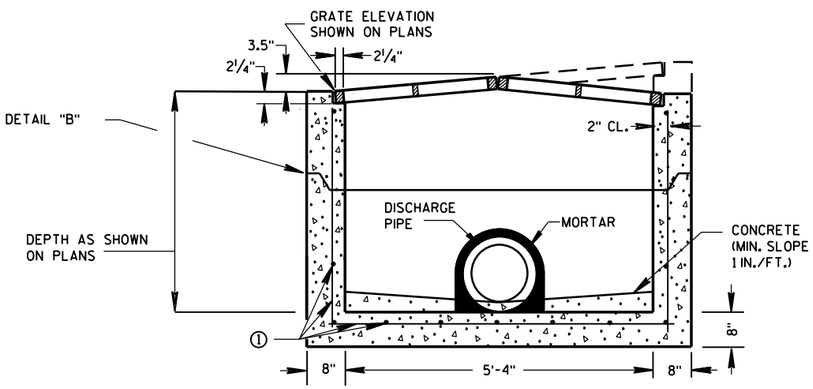


PLAN VIEW

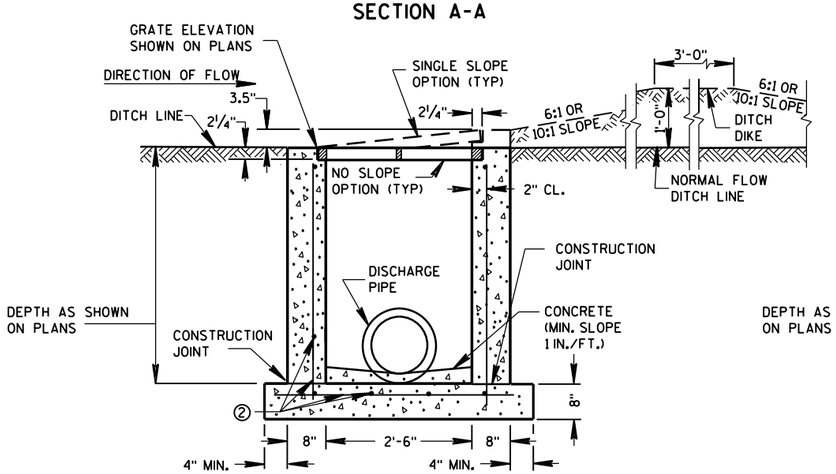
4" OVERHANGING BASE ON REINFORCED CAST-IN-PLACE CONCRETE INLETS



PRECAST REINFORCED CONCRETE SECTION A-A

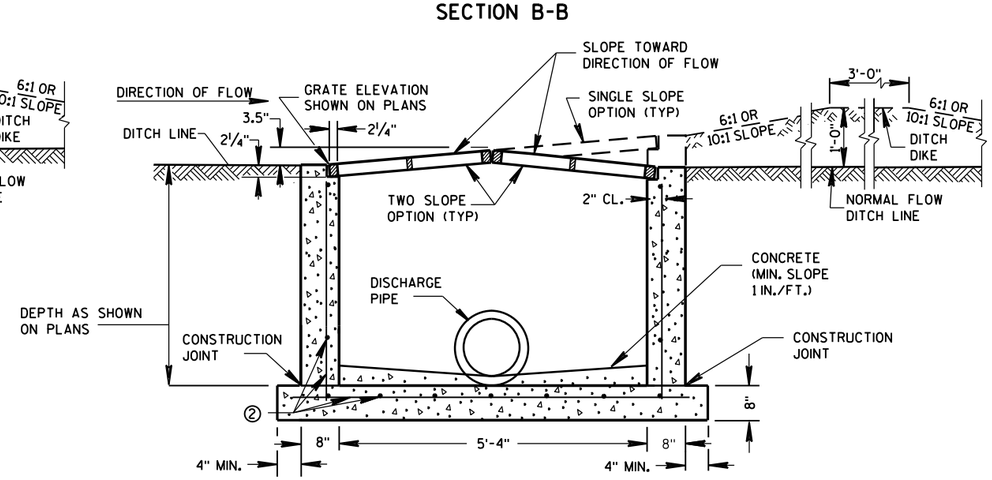


PRECAST REINFORCED CONCRETE SECTION B-B



REINFORCED CAST-IN-PLACE CONCRETE SECTION A-A

INLETS MEDIAN 1 GRATE



REINFORCED CAST-IN-PLACE CONCRETE SECTION B-B

INLETS MEDIAN 2 GRATE

GENERAL NOTES

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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.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION 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.

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

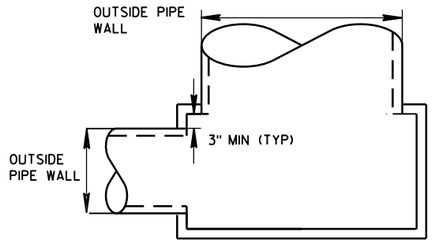
MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

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

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

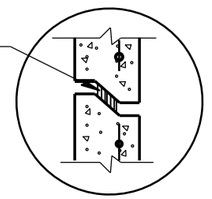
PIPE MATRIX

	MAXIMUM INSIDE PIPE DIAMETER	
INLET SIZE	WIDTH (IN)	LENGTH (IN)
1 GRATE	18	18
2 GRATE	18	42



DETAIL "A"

JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)



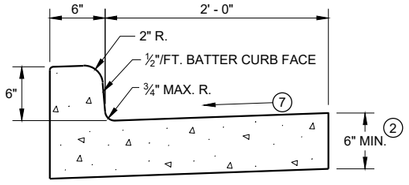
DETAIL "B"

INLETS MEDIAN 1 AND 2 GRATE

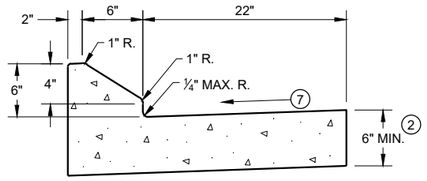
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVI ENT
FHWA

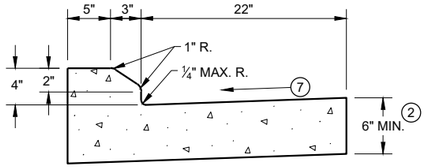
6
S.D.D. 8 C 8-2



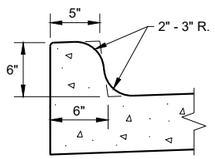
TYPES A[1] & D



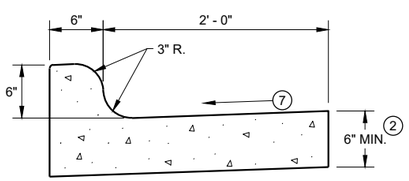
6" SLOPED CURB TYPES G[1] & J



4" SLOPED CURB TYPES G[1] & J

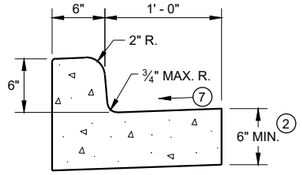


TYPES K[1] & L
(OPTIONAL CURB SHAPE)



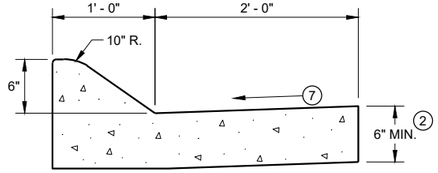
TYPES K[1] & L

CONCRETE CURB AND GUTTER 30"

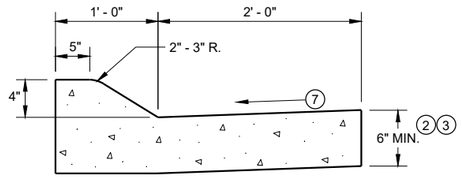


TYPES A[1] & D

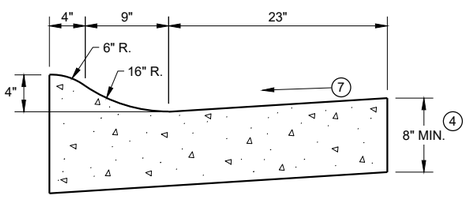
CONCRETE CURB AND GUTTER 18"



6" SLOPED CURB TYPES A[1] & D



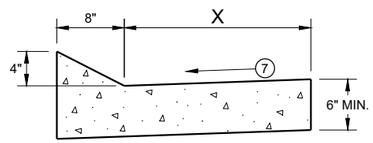
4" SLOPED CURB TYPES A[1] & D



4" SLOPED CURB TYPES R[1] & T[5]

CONCRETE CURB AND GUTTER 36"

TBT & TBTT	X
30"	22"
36"	28"

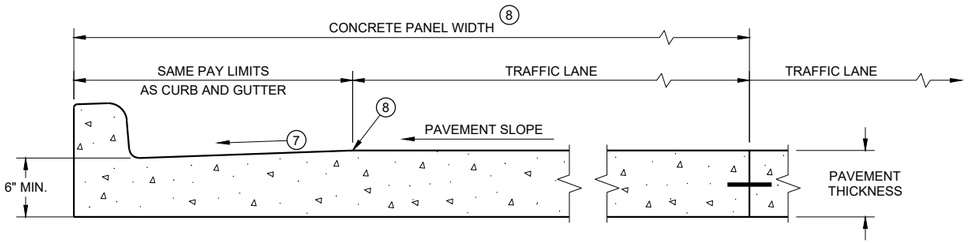


TYPES TBT & TBTT[1]

CONCRETE CURB AND GUTTER

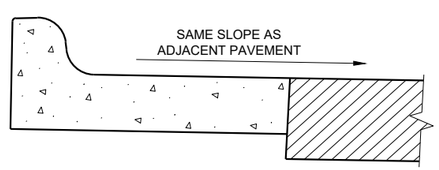
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER[6]
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION 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 AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

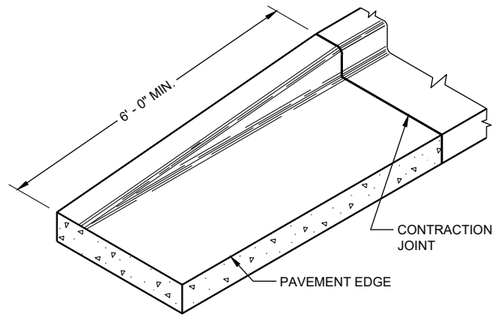
1. TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.
2. THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
3. USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.
4. 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.
5. THE FACE OF CURB IS 6" FROM THE BACK OF CURB.
6. WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.
7. USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.
8. INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

6

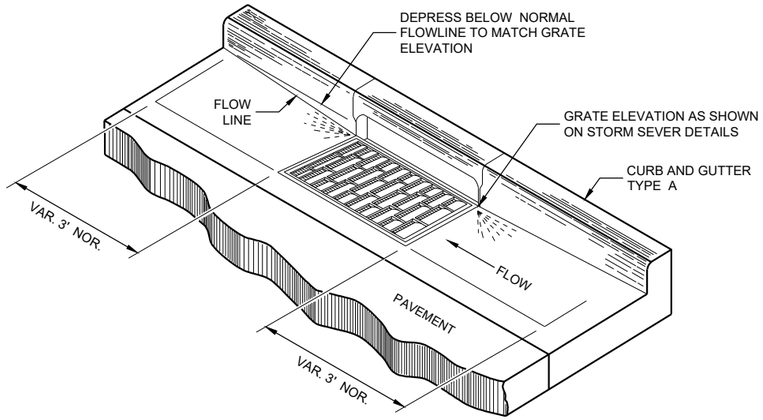
SDD 08D01 - 21a

CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



END SECTIONCURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS
(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

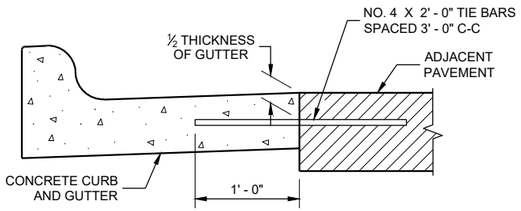
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

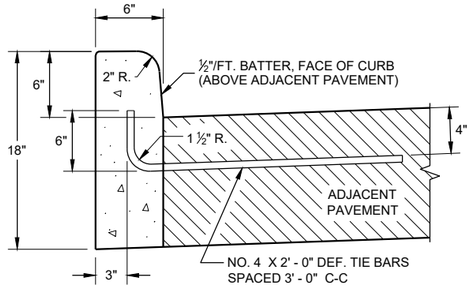
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

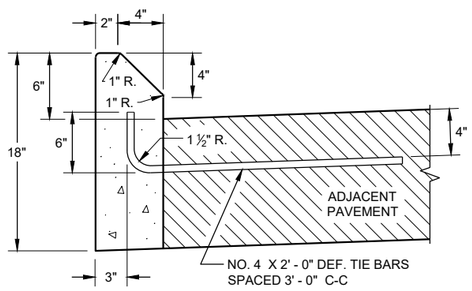
(9) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



TYPICAL TIE BAR LOCATION (1)

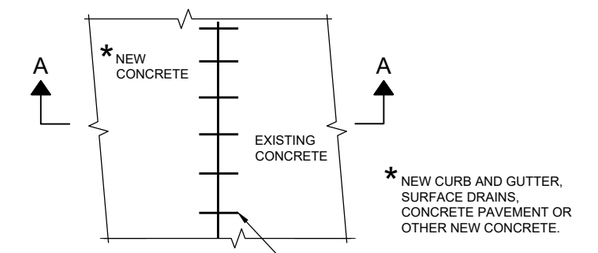


TYPES A (1) & D

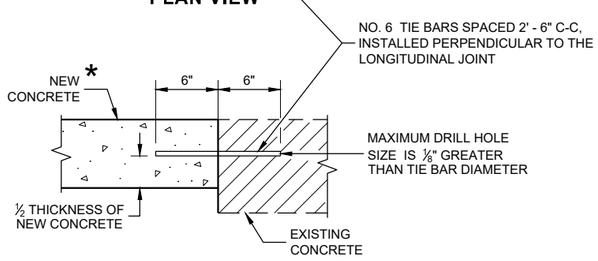


TYPES G (1) & J

CONCRETE CURB

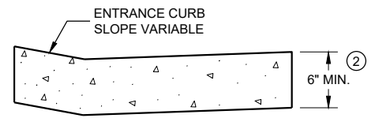


PLAN VIEW



SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



DRIVEWAY ENTRANCE CURB (9)
(WHEN DIRECTED BY THE ENGINEER)

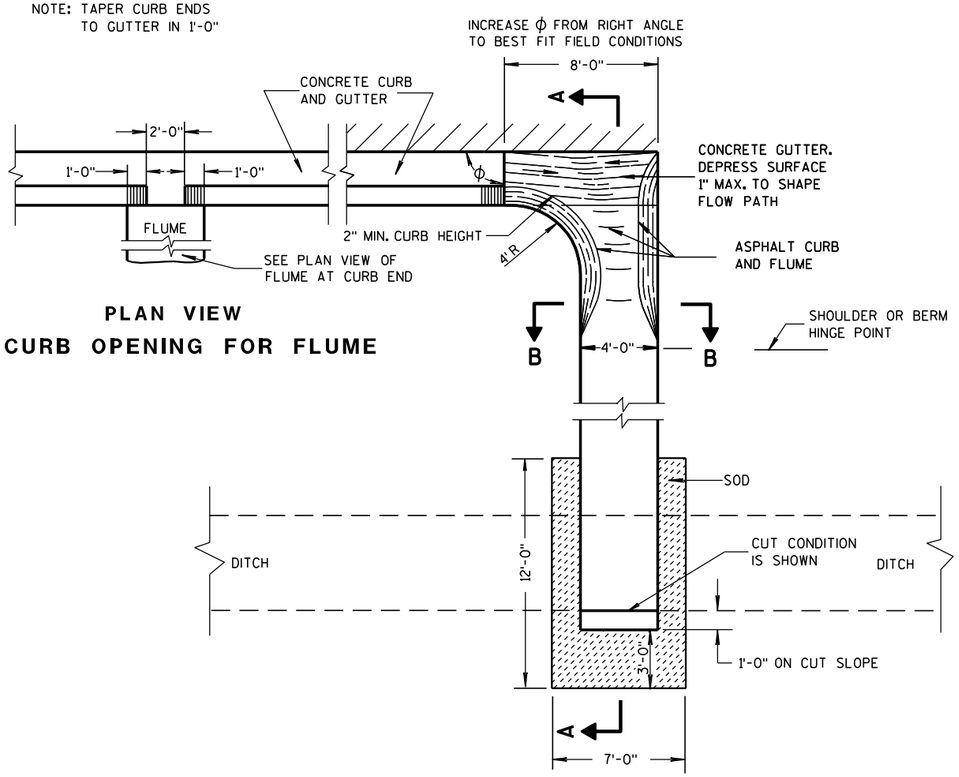
CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

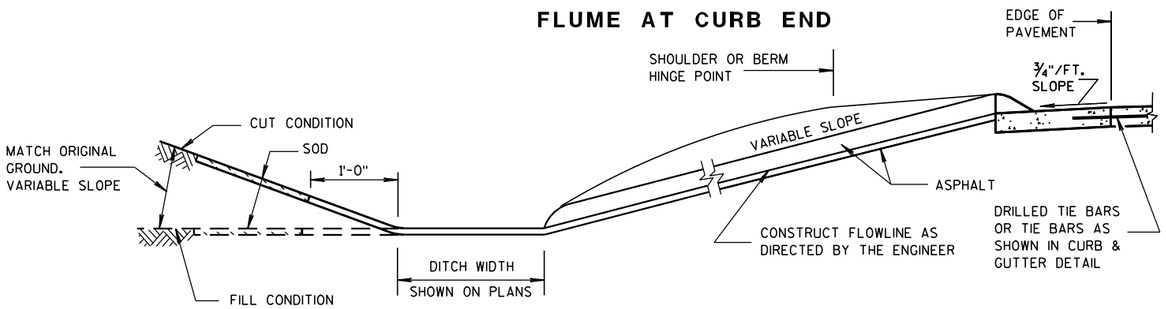
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SDD08D01 - 21b

ASPHALTIC FLUME

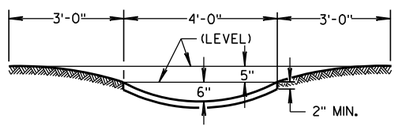


PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



SECTION A-A



SECTION B-B

GENERAL NOTES

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

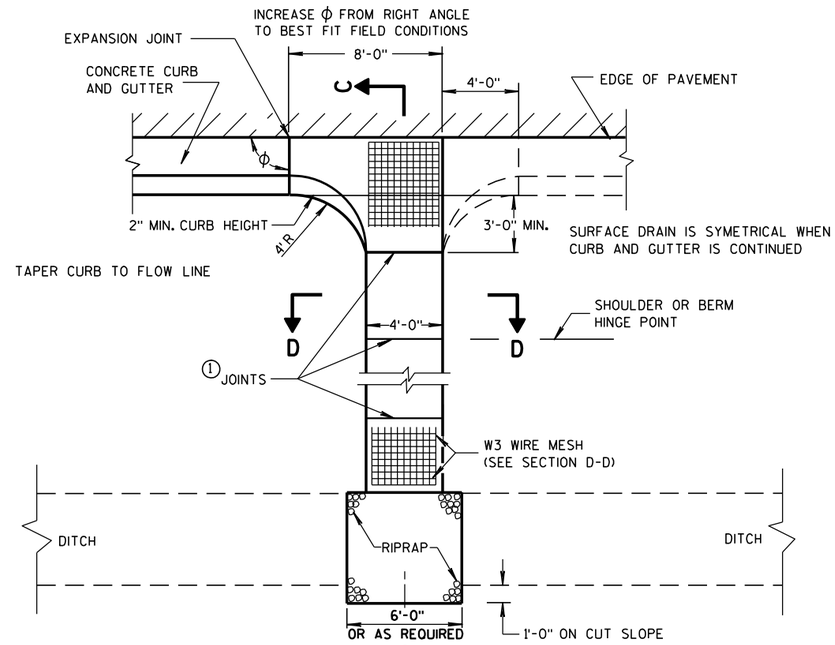
WELDED STEEL WIRE FABRIC SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

① JOINTS SHALL BE $\frac{1}{8}$ TO $\frac{1}{4}$ INCH WIDE BY $1\frac{1}{2}$ INCHES DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.

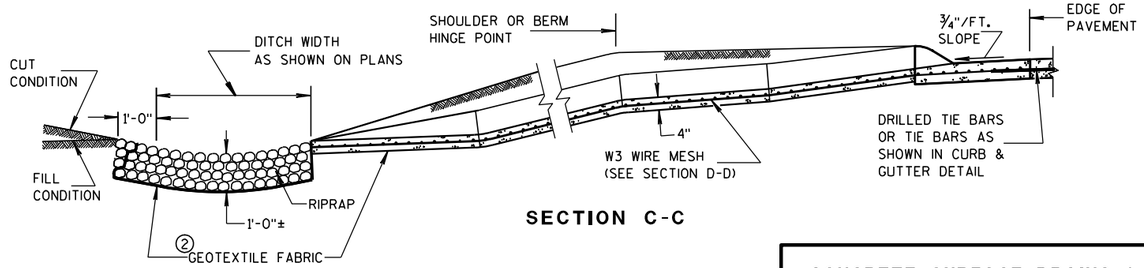
② GEOTEXTILE FABRIC TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.

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

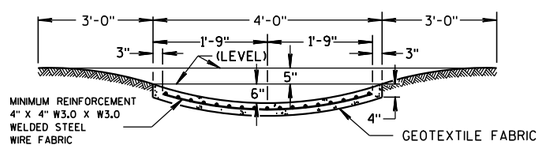
③ CONCRETE SURFACE DRAIN



PLAN VIEW



SECTION C-C



SECTION D-D

CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

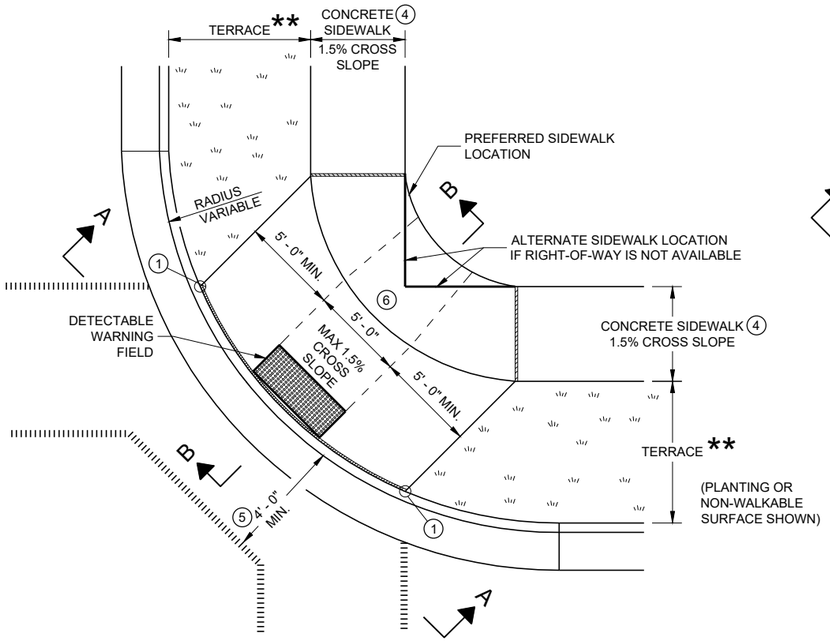
APPROVED
9-4-08 DATE
/S/ Jerry H. [illegible]
ROADWAY STANDARDS ENGINEER
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[illegible]MENT
FHWA

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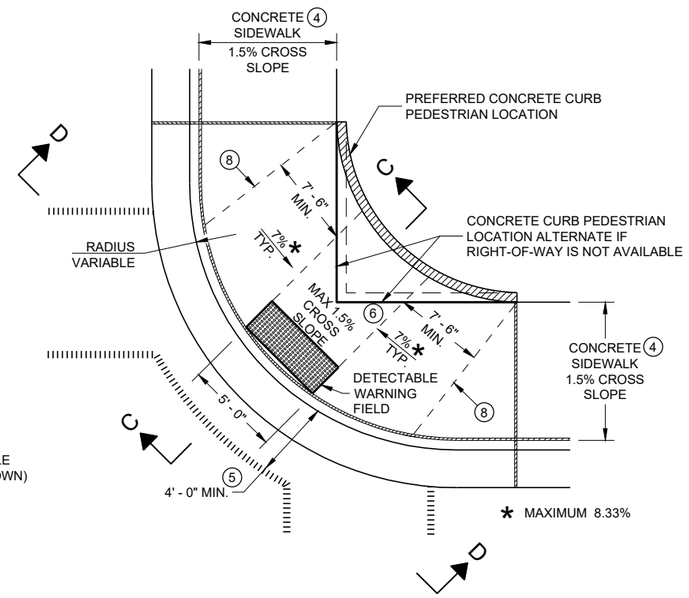
S.D.D. 8 D 4-5



PLAN VIEW

CURB RAMP TYPE 1

(CENTER OF CORNER RADIUS)



PLAN VIEW

CURB RAMP TYPE 1 - A

(NO TERRACE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

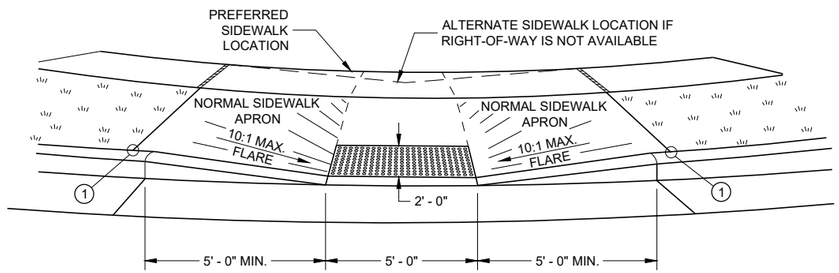
(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

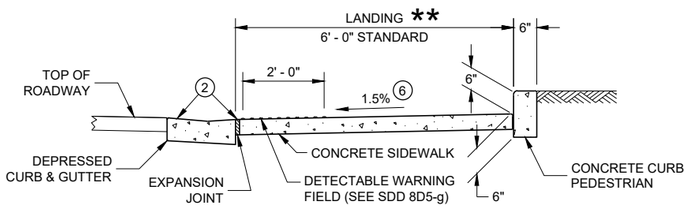
(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.



VIEW A - A FOR TYPE 1

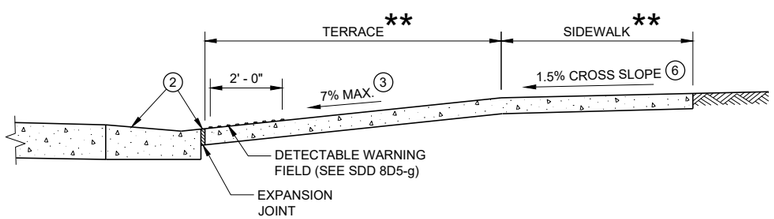


SECTION C - C FOR TYPE 1 - A

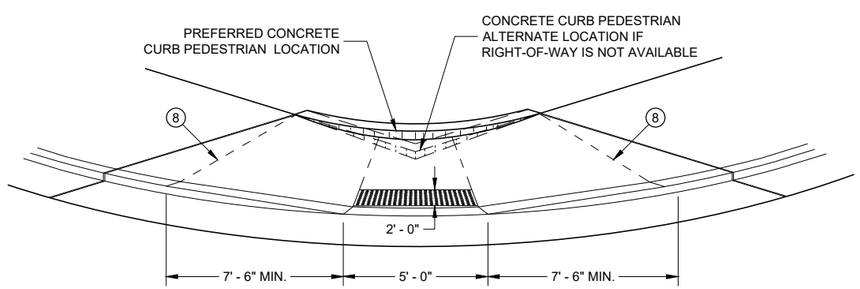
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

** WIDTH SHOWN ELSEWHERE IN THE PLANS



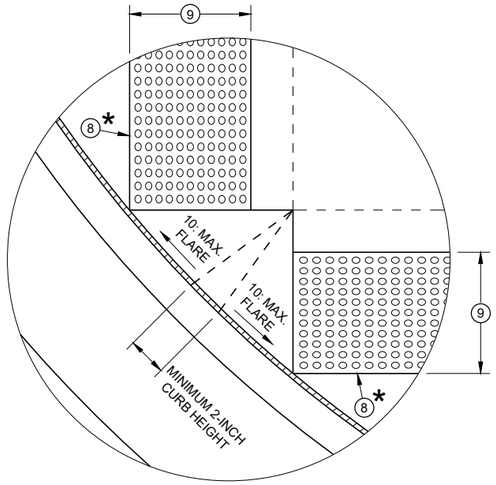
SECTION B - B FOR TYPE 1



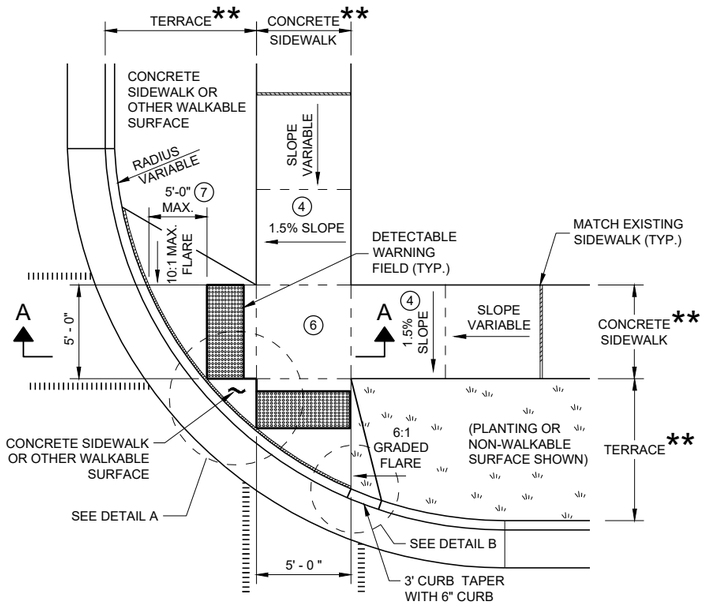
VIEW D - D FOR TYPE 1 - A

CURB RAMPS
TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



DETAIL A



PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.

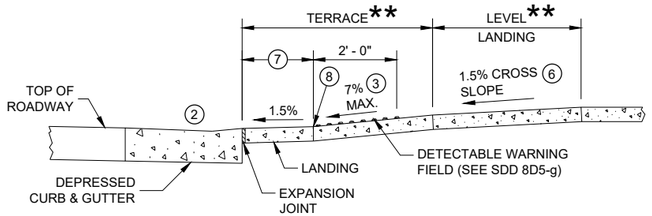
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

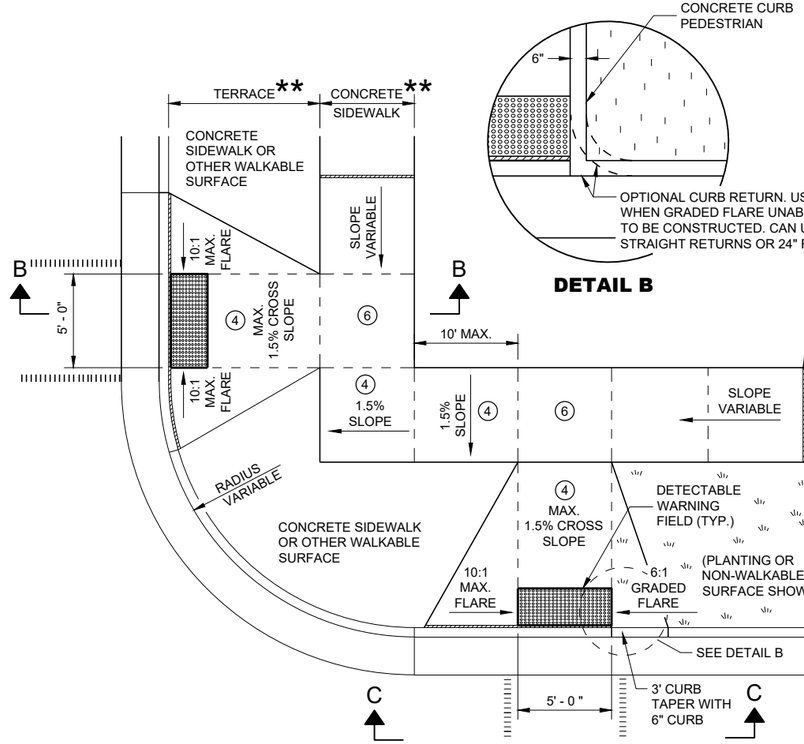
(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.



SECTION A - A FOR TYPE 2

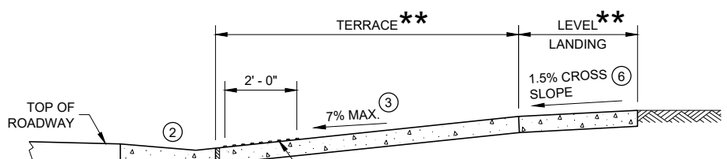
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS



DETAIL B

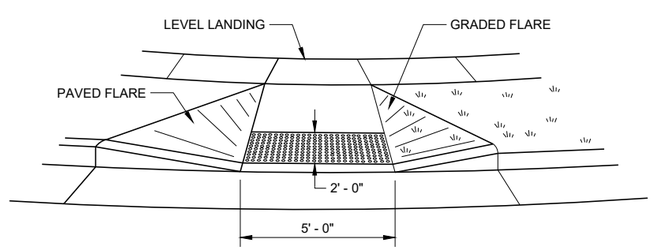
PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)



SECTION B - B FOR TYPE 3

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)



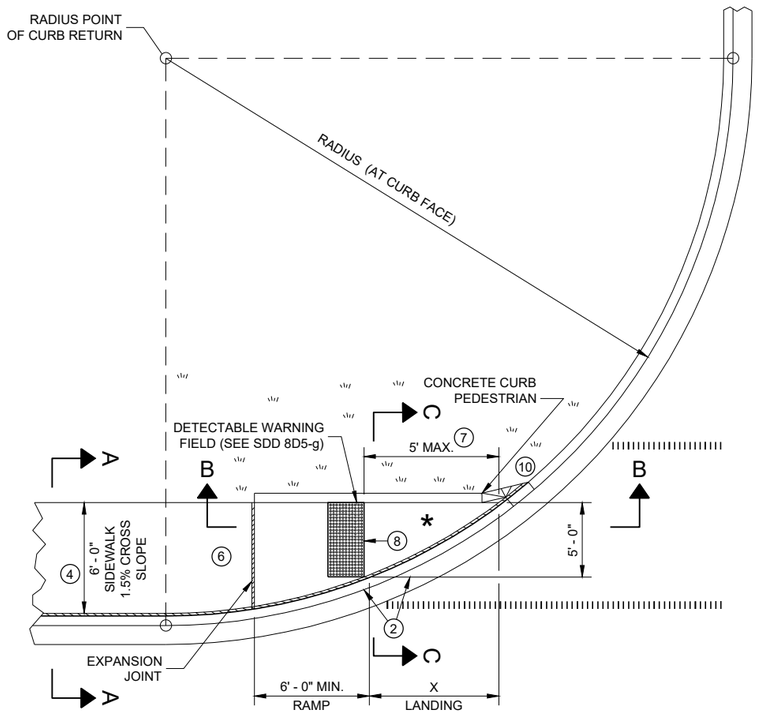
VIEW C - C FOR TYPE 3

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 08D05 - 20b

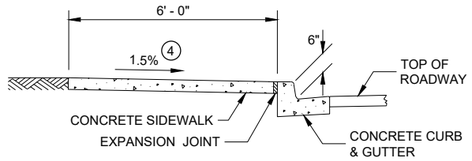


PLAN VIEW

CURB RAMP TYPE 4A

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"
15 FEET	6' - 5½"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

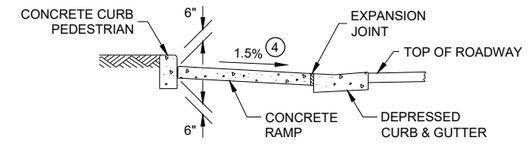
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

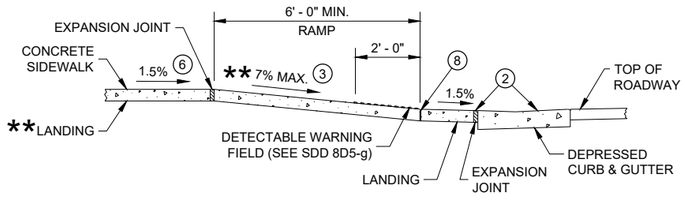
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)



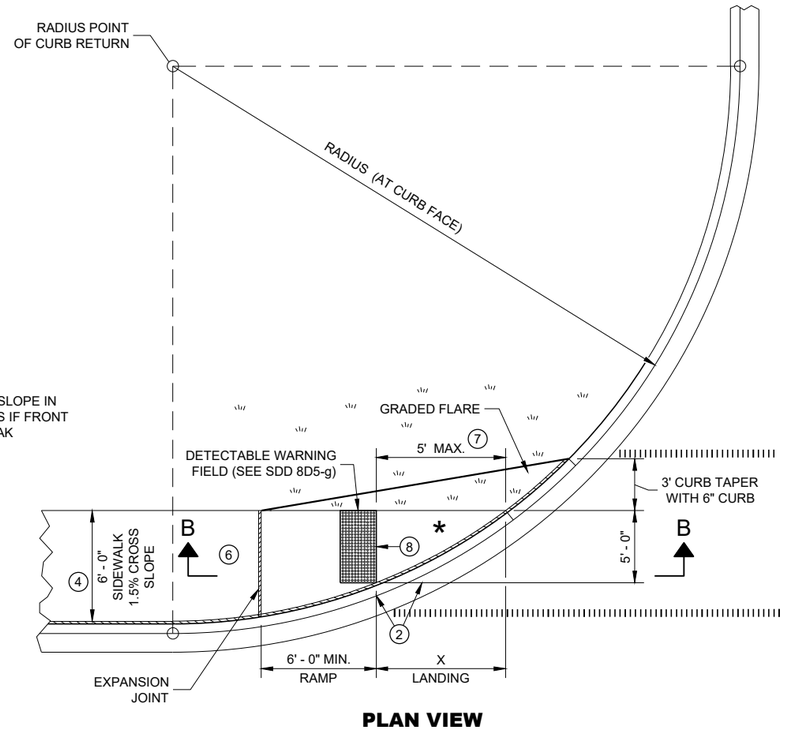
SECTION C - C FOR TYPE 4A



SECTION B - B FOR TYPE 4A AND TYPE 4A1

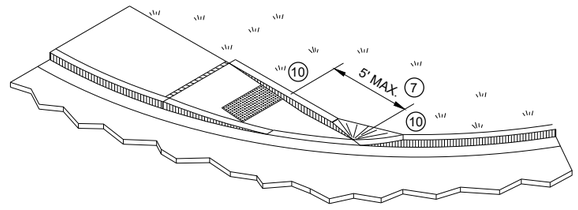
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

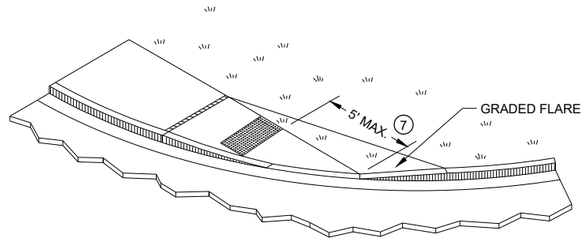


PLAN VIEW

CURB RAMP TYPE 4A1



ISOMETRIC VIEW FOR TYPE 4A



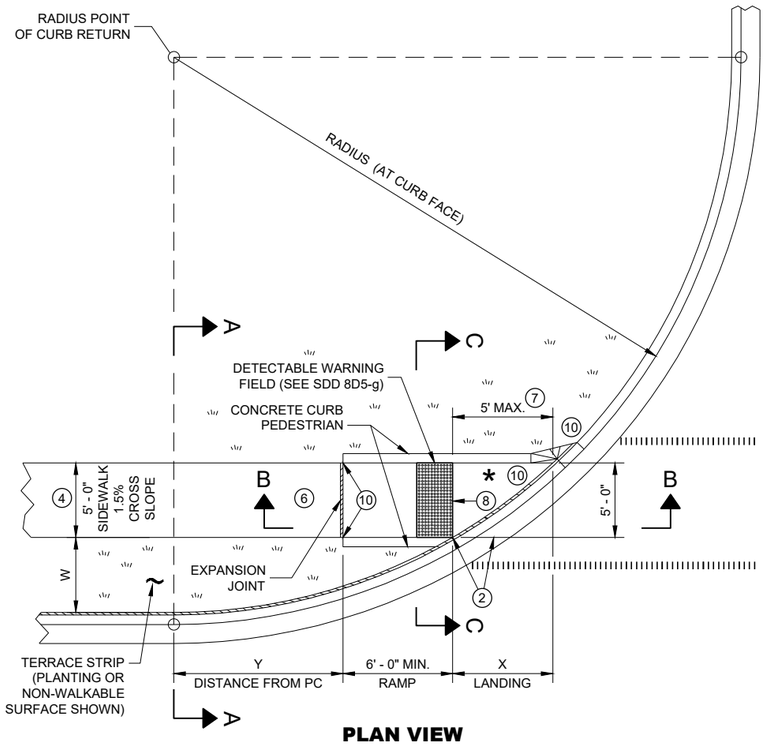
ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 08D05 - 20c



PLAN VIEW

CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 ¼"	0' - 5"	2' - 1"	1' - 4 ½"	1' - 5"	2' - 1"	0' - 10"	2' - 7 ½"	0' - 3 ¼"	3' - 0 ¼"						
15 FEET	4' - 6 ¾"	2' - 1 ¾"	3' - 9"	3' - 5 ¾"	3' - 1 ¼"	4' - 6"	2' - 6 ¾"	5' - 4 ½"	2' - 1"	6' - 1"	1' - 8"	6' - 8 ½"	1' - 3 ¼"	7' - 2 ½"	0' - 10 ¾"	7' - 7 ¼"
20 FEET	5' - 9 ¾"	3' - 6 ½"	4' - 11 ½"	5' - 1 ¾"	4' - 3 ¼"	6' - 5 ½"	3' - 8 ¾"	7' - 7"	3' - 3"	8' - 6 ½"	2' - 10"	9' - 4 ½"	2' - 5 ½"	10' - 1 ¼"	2' - 1 ¼"	10' - 9"
30 FEET			6' - 9 ¼"	7' - 11 ¼"	6' - 0 ¼"	9' - 8"	5' - 5"	11' - 1 ¾"	4' - 10 ¾"	12' - 5 ¾"	4' - 5 ½"	13' - 7 ¾"	4' - 0 ¾"	14' - 8 ½"	3' - 8 ½"	15' - 8 ¼"
40 FEET									6' - 1 ¾"	15' - 8 ½"	5' - 8"	17' - 2"	5' - 3"	18' - 5 ¾"	4' - 10 ¾"	19' - 8 ¼"
50 FEET															5' - 10 ¼"	23' - 2"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

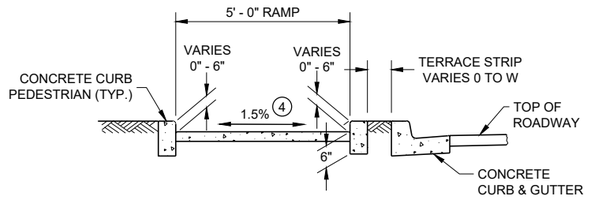
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

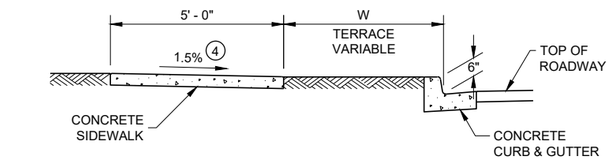
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

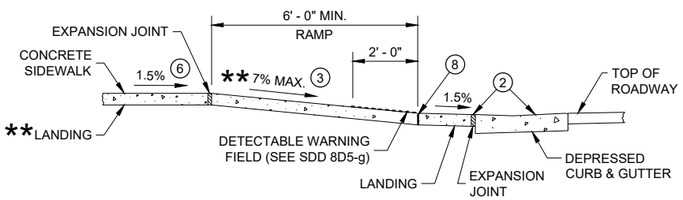
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



SECTION C - C FOR TYPE 4B

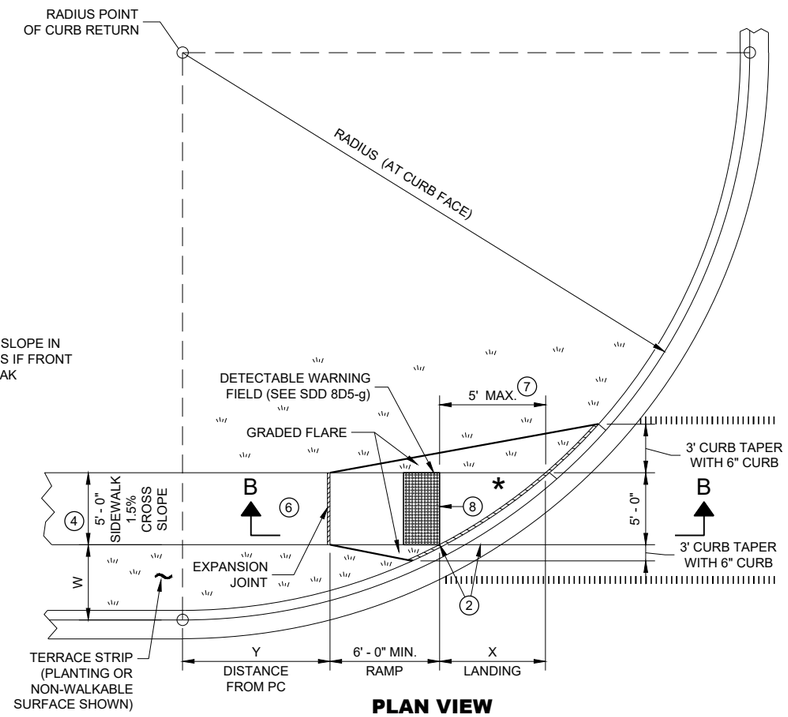


SECTION A - A FOR TYPE 4B



** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

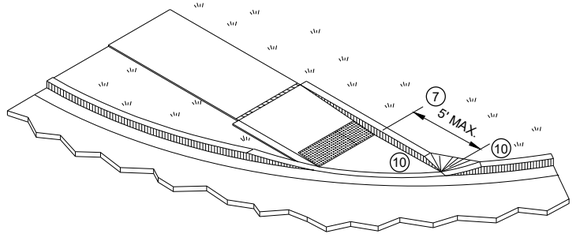
SECTION B - B FOR TYPE 4B AND TYPE 4B1



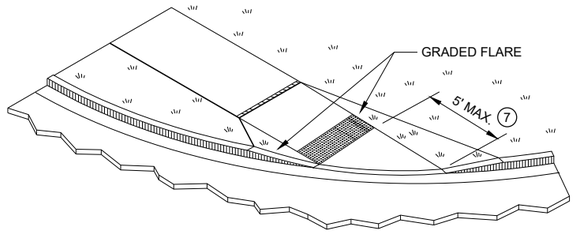
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

PLAN VIEW

CURB RAMP TYPE 4B1



ISOMETRIC VIEW FOR TYPE 4B



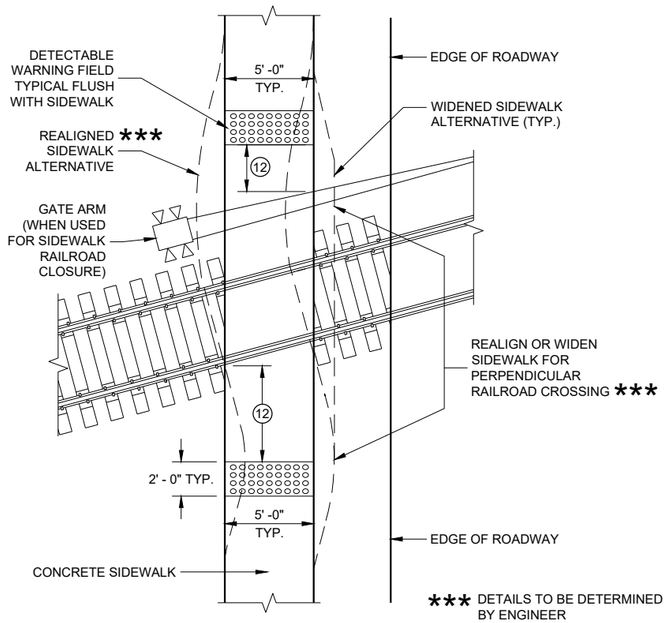
ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

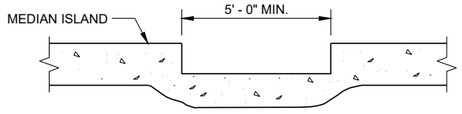
6

SDD 08D05 - 20d

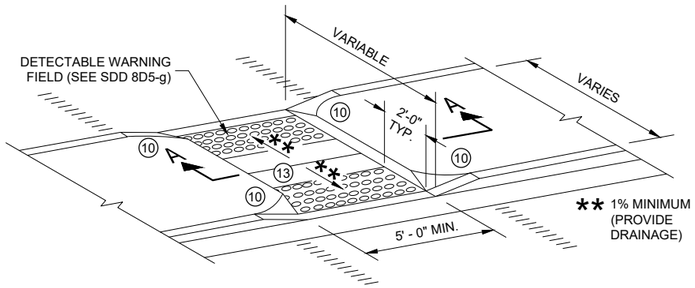


CURB RAMP TYPE 8

DETECTABLE WARNINGS AT RAILROAD CROSSING



SECTION A - A FOR TYPE 5



CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

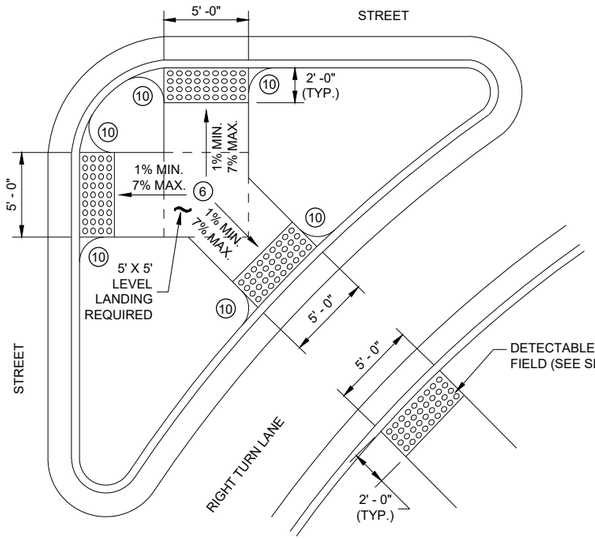
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

LEGEND

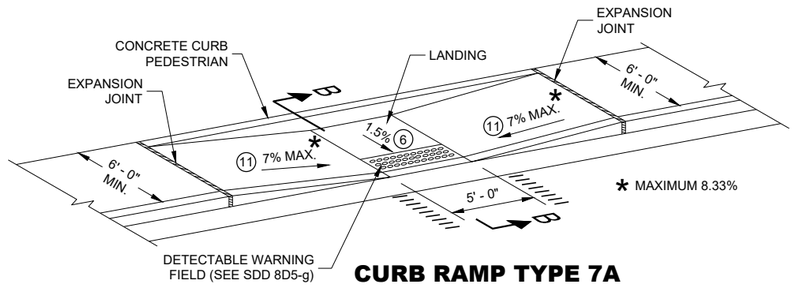
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



CURB RAMP TYPE 6

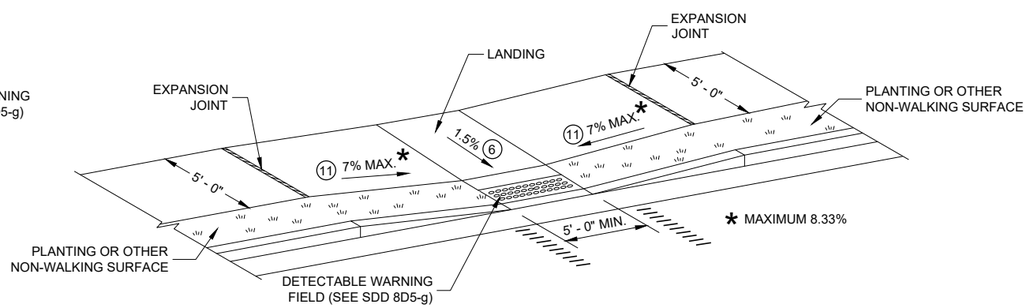
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



CURB RAMP TYPE 7A

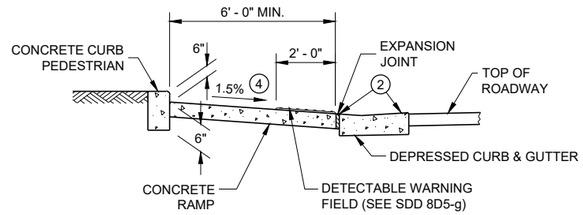
MID BLOCK CROSSING



CURB RAMP TYPE 7B

MID BLOCK CROSSING

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.



SECTION B - B FOR TYPE 7A

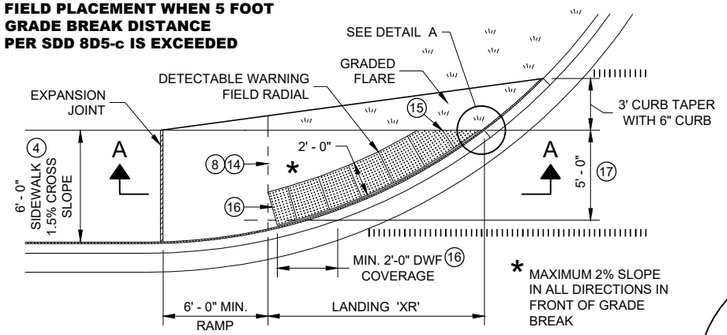
CURB RAMPS TYPE 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 08D05 - 20e

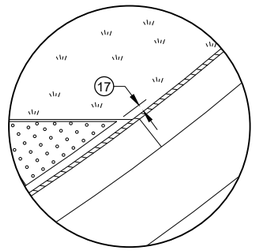
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



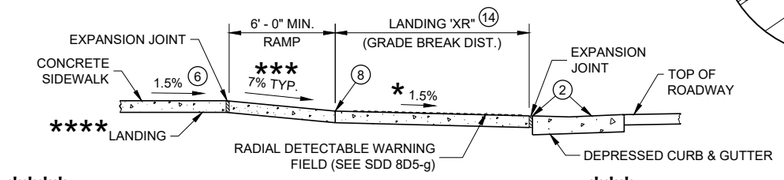
PLAN VIEW

CURB RAMP TYPE 4A1

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL A

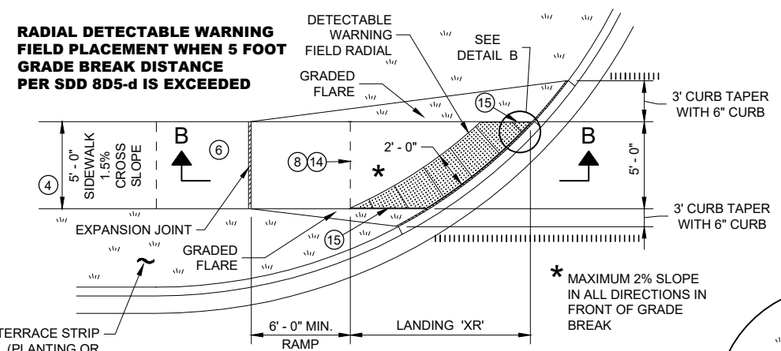


**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION A - A FOR TYPE 4A1

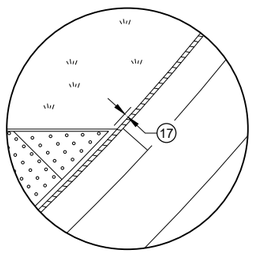
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED



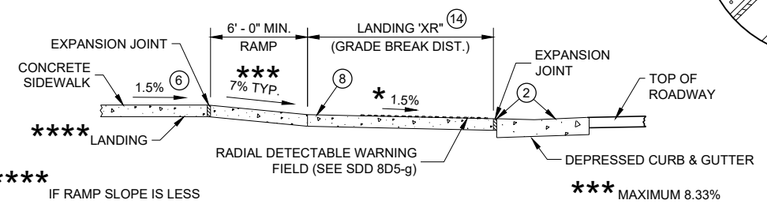
PLAN VIEW

CURB RAMP TYPE 4B1

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL B



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION B - B FOR TYPE 4B1

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

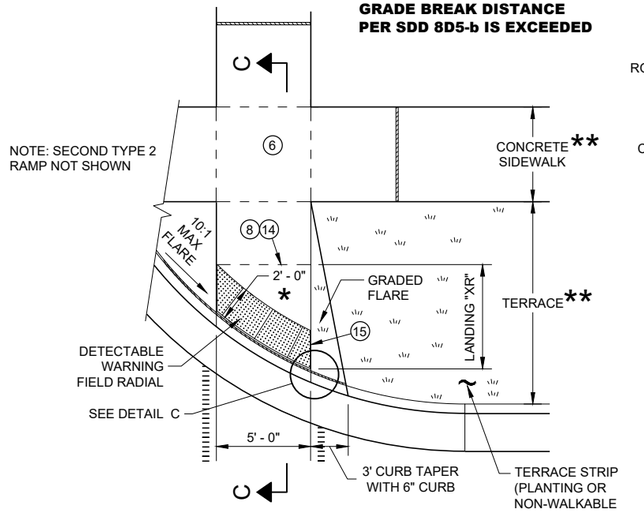
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

(17) A MAXIMUM 3 INCH CONCRETE BORDER WITH IS ALLOWABLE IN FROM OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

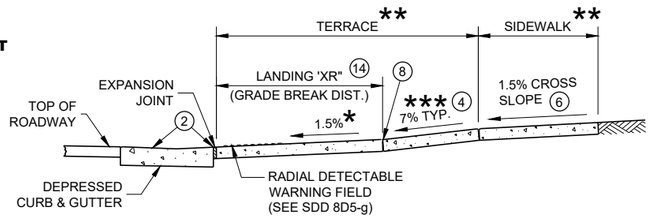


PLAN VIEW

CURB RAMP TYPE 2

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

(ON LINE WITH SIDEWALK)

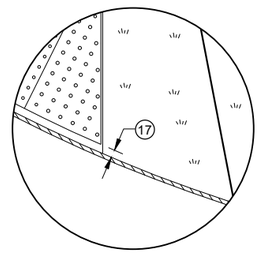


SECTION C - C FOR TYPE 2

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%



DETAIL C

CURB RAMPS
RADIAL DETECTABLE WARNING FIELD APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

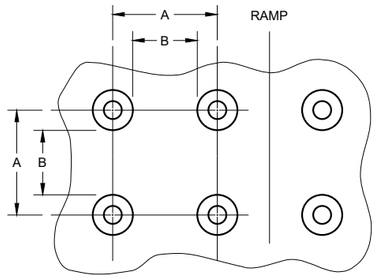
SDD 08D05 - 20f

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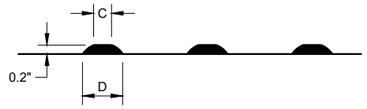
SDD 08D05 - 20f

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

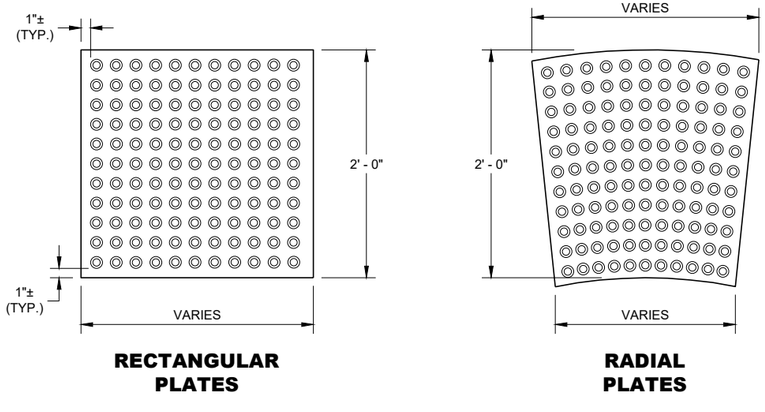


PLAN VIEW



ELEVATION VIEW

TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

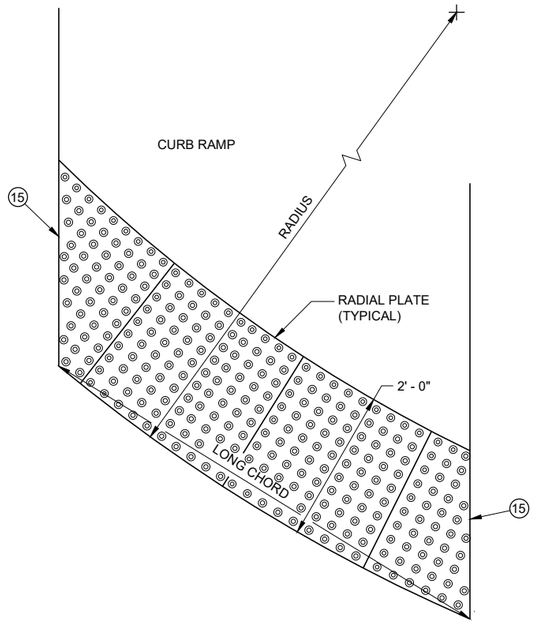
DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

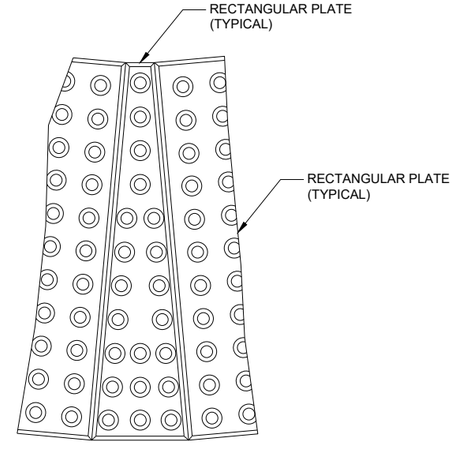
REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL
DETECTABLE WARNING PLATES

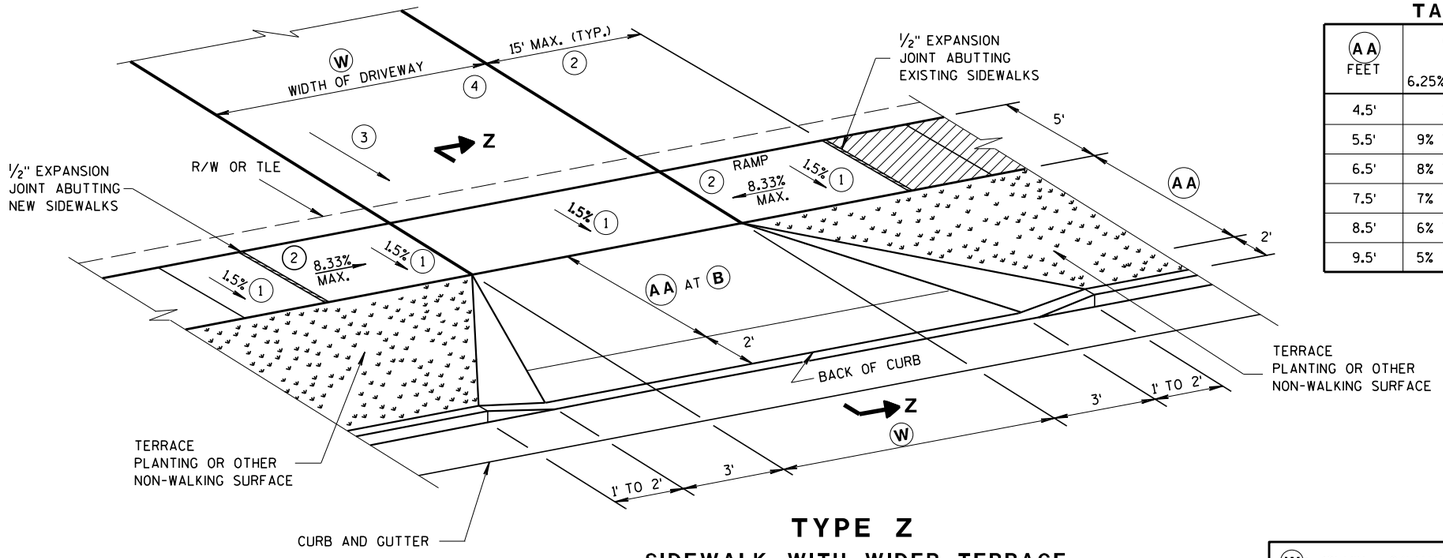
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

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SDD 08D05 - 20g



TYPE Z

SIDEWALK WITH WIDER TERRACE

TERRACE VARIES 7 TO 12 FEET

TABLE Z

(AA) FEET	(B) % 6.25% GUTTER	(B) % 4% GUTTER
4.5'	11.5%	9% TO 11.5%
5.5'	9% TO 11.5%	8% TO 11.5%
6.5'	8% TO 11.5%	6% TO 11.5%
7.5'	7% TO 11.5%	6% TO 11.5%
8.5'	6% TO 11.5%	5% TO 11.5%
9.5'	5% TO 11.5%	4% TO 11.5%

(W): 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)
16' MIN. - 35' MAX. COMMERCIAL (CE)

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

(W) IS SHOWN ON PLAN AND PROFILE SHEETS.

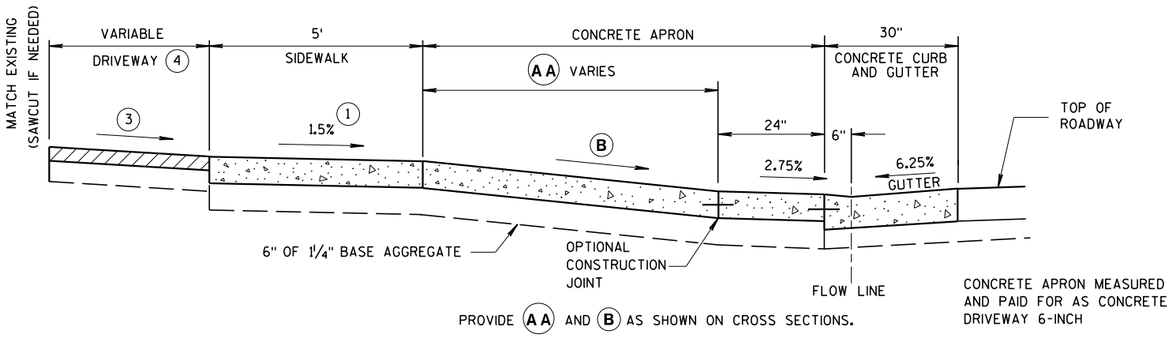
OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

(1) CONSTRUCTION TOLERANCE OF 0.5% ± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

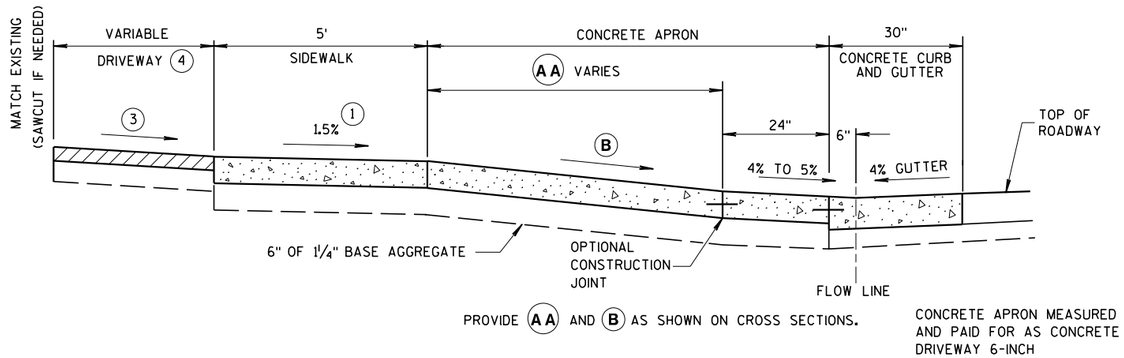
(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.

(3) DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

(4) DRIVEWAY TYPES
- 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES)



6.25% GUTTER SLOPE



4% GUTTER SLOPE

NOTE: SIDEWALK MAY BE DEPRESSED IN DRIVEWAY AREAS FOR **B** VALUES NOT SHOWN IN TABLE Z.

SIDEWALK WITHIN THE LIMITS OF THE DRIVEWAY PAID FOR AS CONCRETE DRIVEWAY 6-INCH.

SEPARATE PAYMENT FOR BASE AGGREGATE WILL BE MADE.

SECTION Z-Z

DRIVEWAY DETAIL WITH CONCRETE CURB & GUTTER

(URBAN AND SUBURBAN)

NOT TO SCALE

DRIVEWAY AND SIDEWALK RAMPS TYPE Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

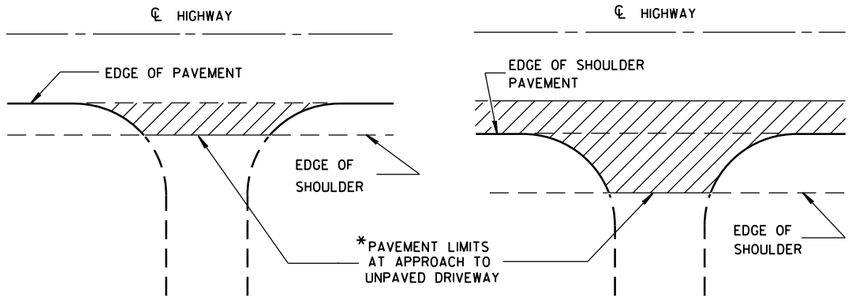
APPROVED
March 2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
FHWA

6

S.D.D. 8 D 19-2

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S.D.D. 8 D 19-2

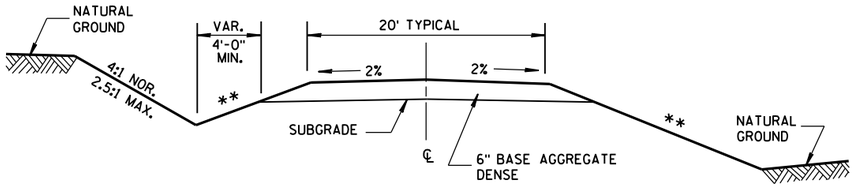


*WHERE DRIVEWAY IS PAVED, APPROACH PAVEMENT SHOULD BE EXTENDED TO MATCH DRIVEWAY PAVEMENT.

PLAN VIEW
(UNPAVED SHOULDER ON HIGHWAY)

PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

RURAL DRIVEWAY INTERSECTION DETAIL
(NO CURB & GUTTER OR SIDEWALK)

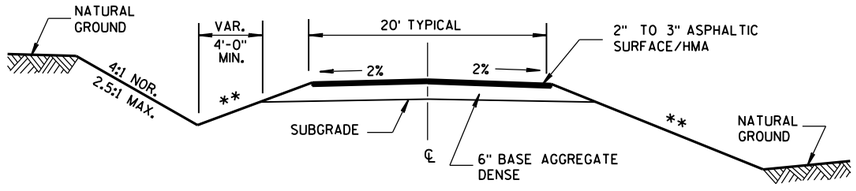


IN CUT **IN FILL**

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE AGGREGATE SURFACE

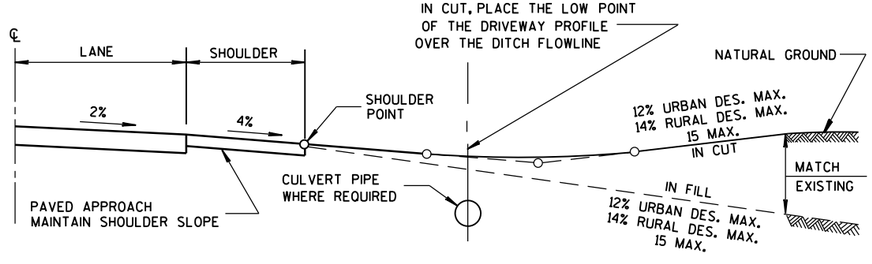
** SLOPE CAN VARY WITH SPEED. SEE 11-45-2.6.2.

POSTED SPEED MPH	MAX. SLOPE
<35	4:1
≥35 TO <60	6:1
≥60	10:1



IN CUT **IN FILL**

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE ASPHALTIC SURFACE



TYPICAL DRIVEWAY PROFILES

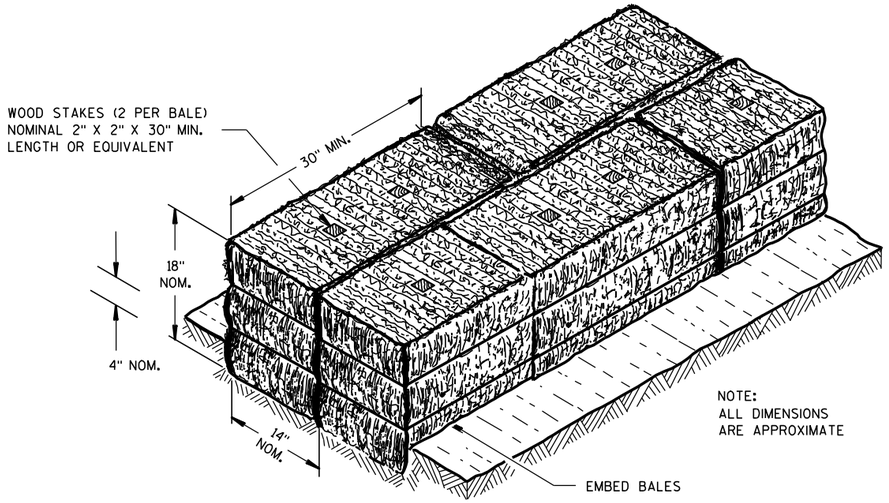
DRIVEWAYS WITHOUT CURB & GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

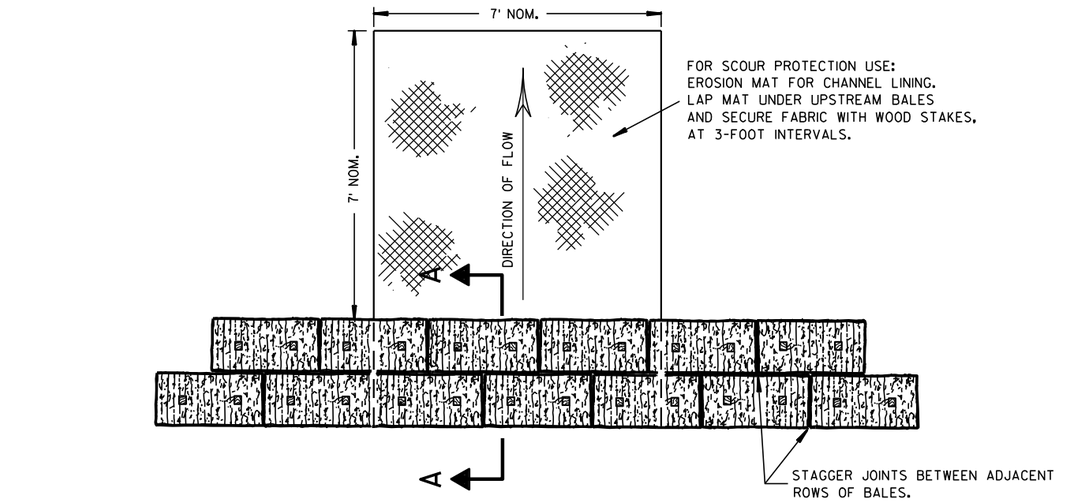
APPROVED
December, 2016 /S/ Rodney Taylor
DATE ROADWAY STANDARDS UNIT SUPERV
FHWA

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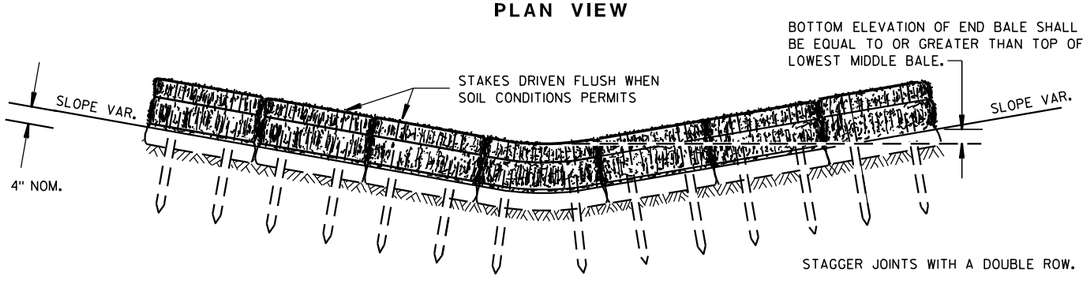
S.D.D. 8 D 21-1



SECTION A-A



PLAN VIEW



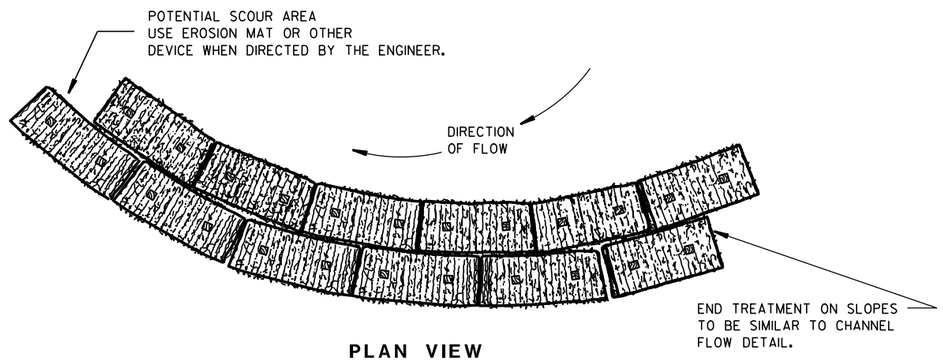
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

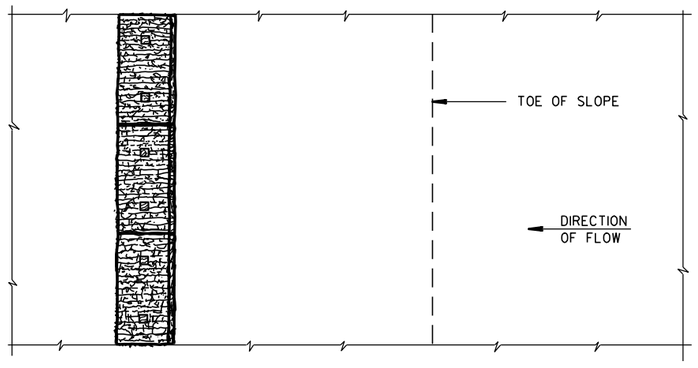
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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.

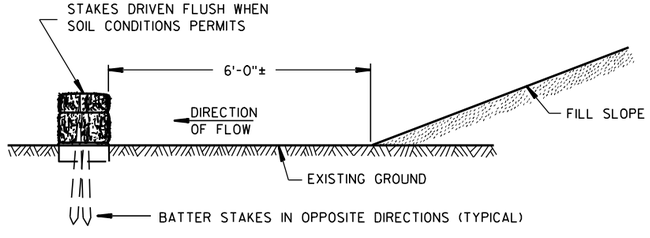


PLAN VIEW

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

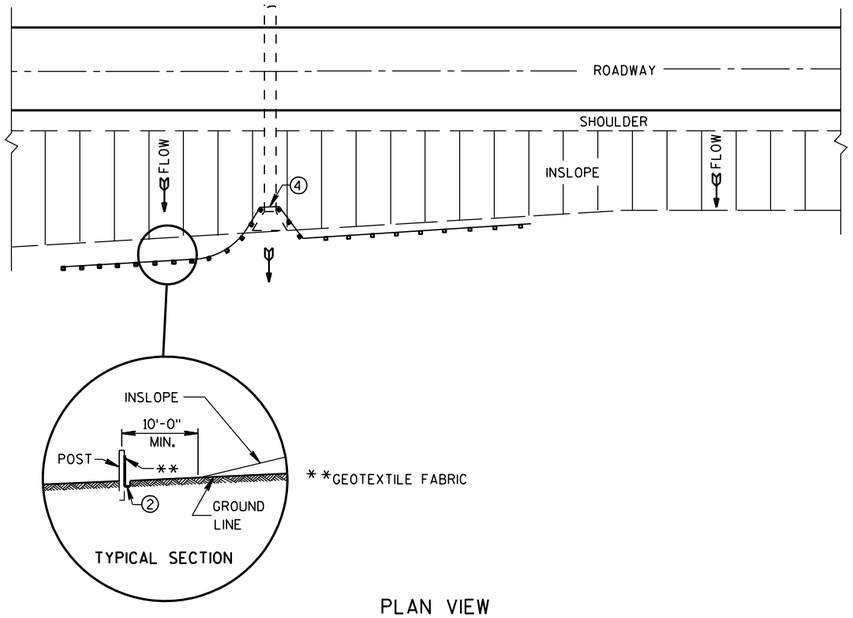
APPROVED
6/04/02 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 E 8-3

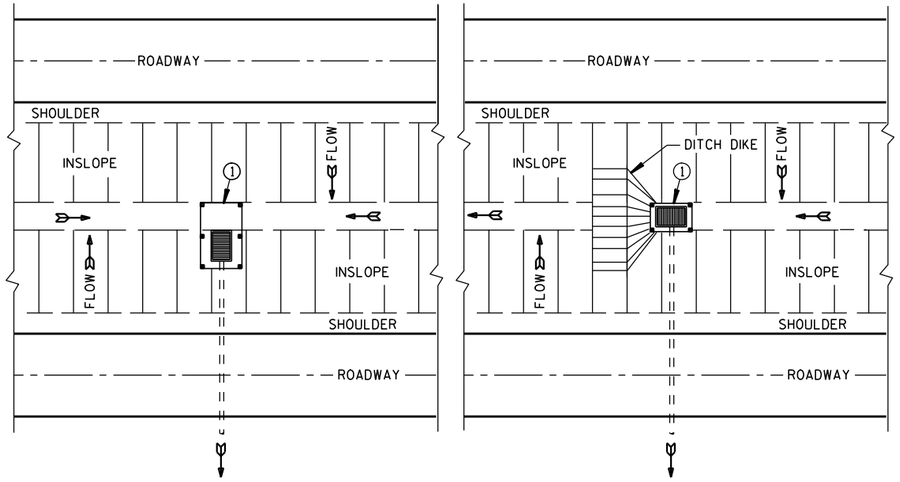
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S.D.D. 8 E 8-3



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.

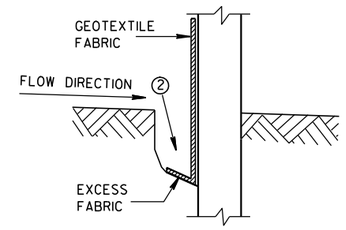
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

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.

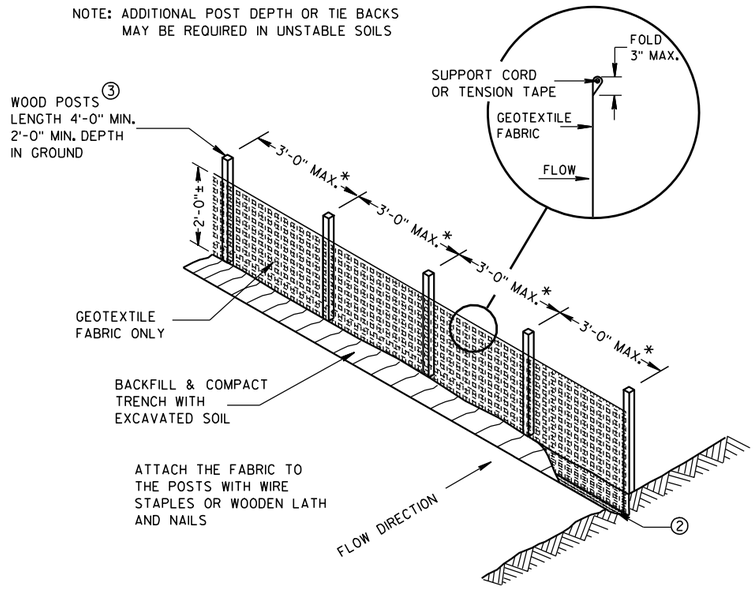
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

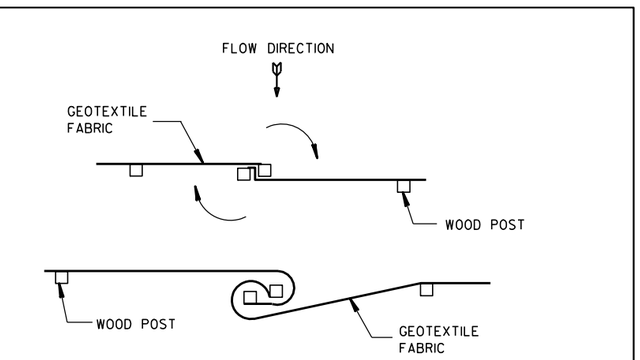
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



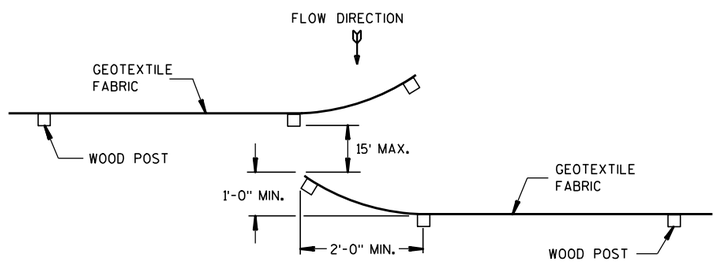
TRENCH DETAIL



SILT FENCE

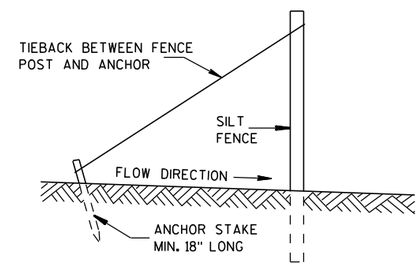


TWIST METHOD



HOOK METHOD

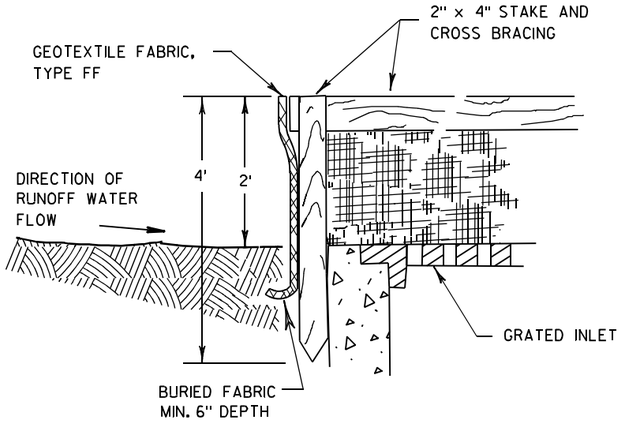
JOINING TWO LENGTHS OF SILT FENCE ⑤

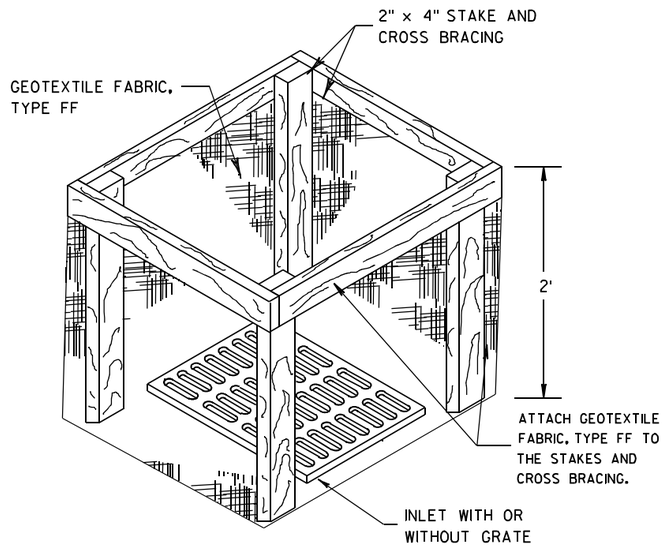


SILT FENCE TIE BACK

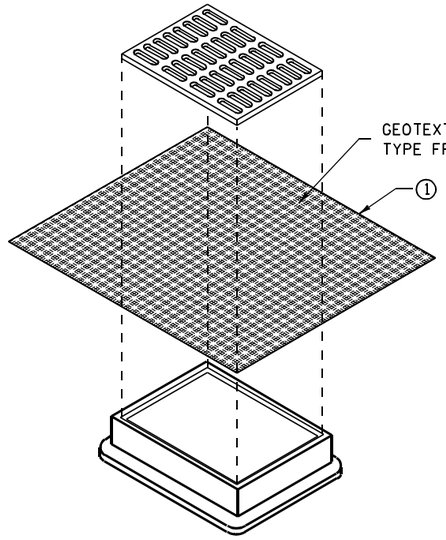
(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
4-29-05 DATE	/S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA	



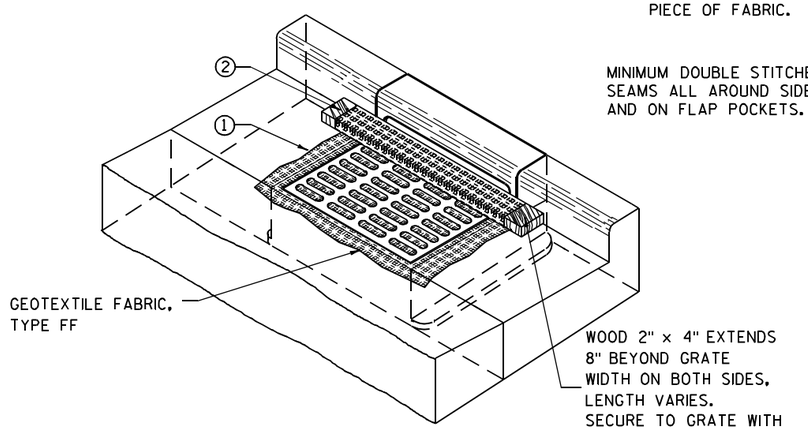


INLET PROTECTION, TYPE A

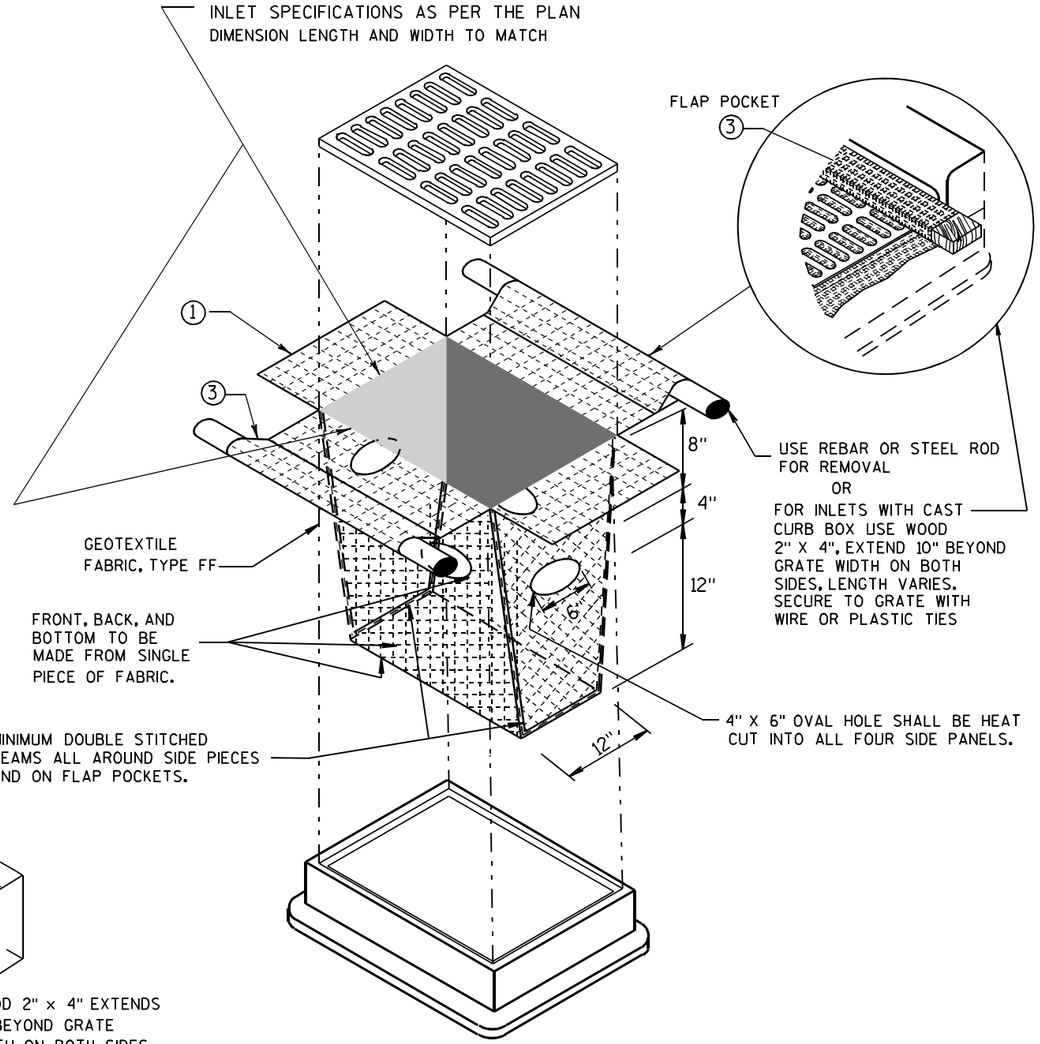


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

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



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

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

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

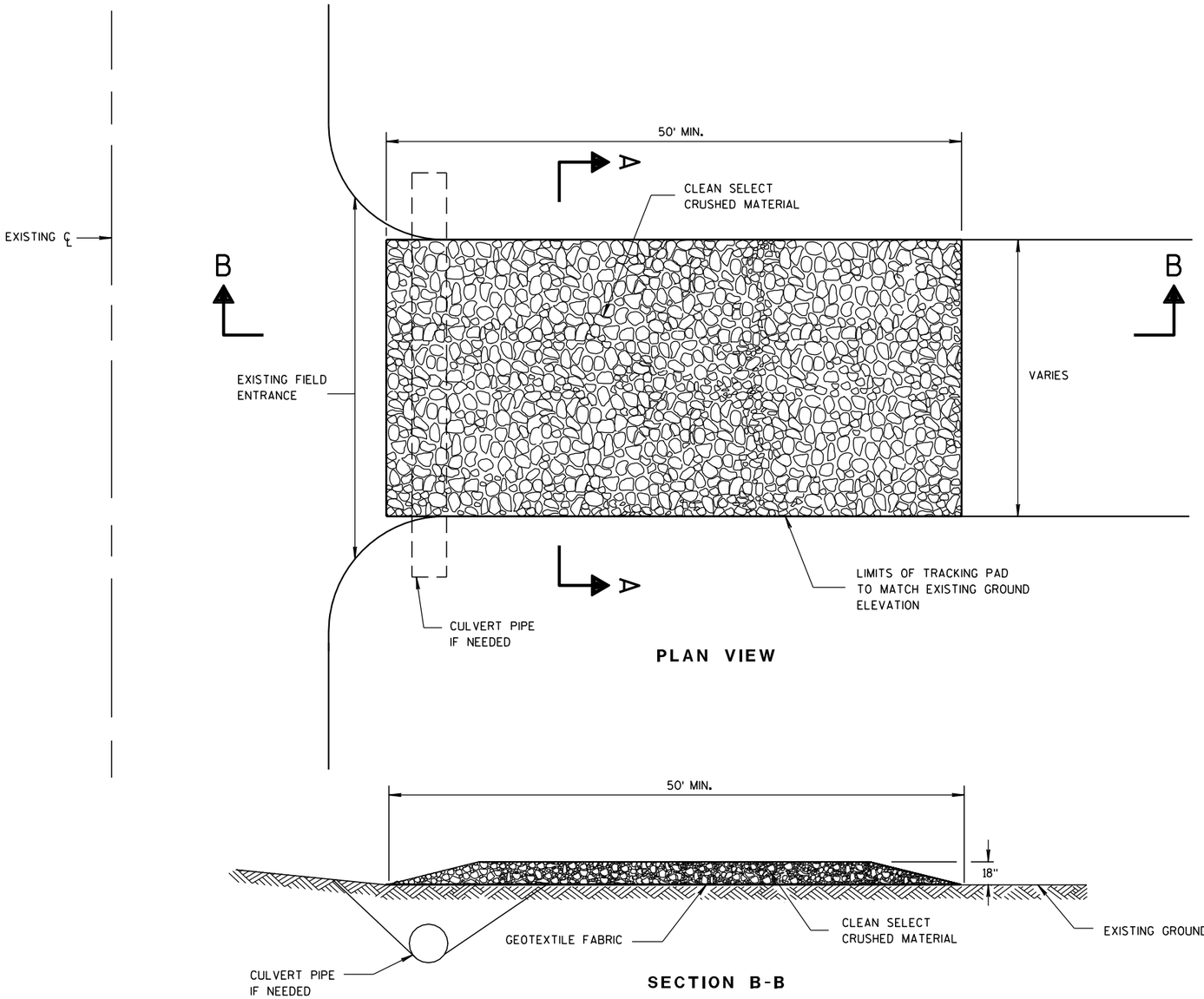
APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 E 10-2

6

S.D.D. 8 E 10-2



PLAN VIEW

SECTION B-B

GENERAL NOTES

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

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

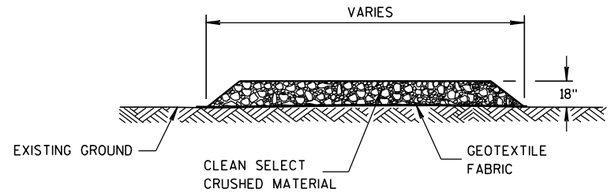
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A-A

TRACKING PAD

TRACKING PAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

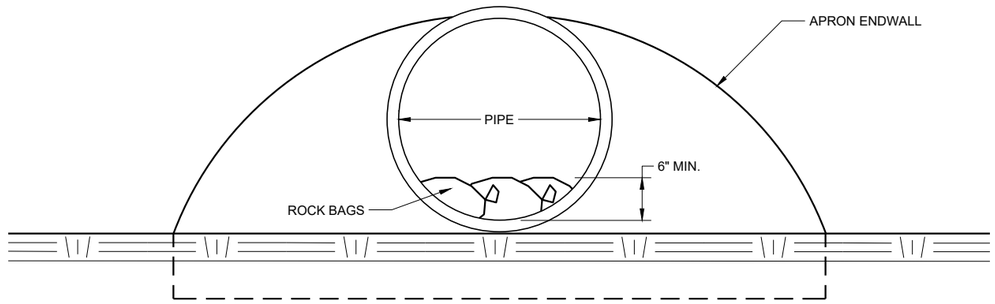
APPROVED
3/24/2011 — DATE
/S/ Jerry H. Zoda — ROADWAY STANDARDS ENGINEER
FHWA

6

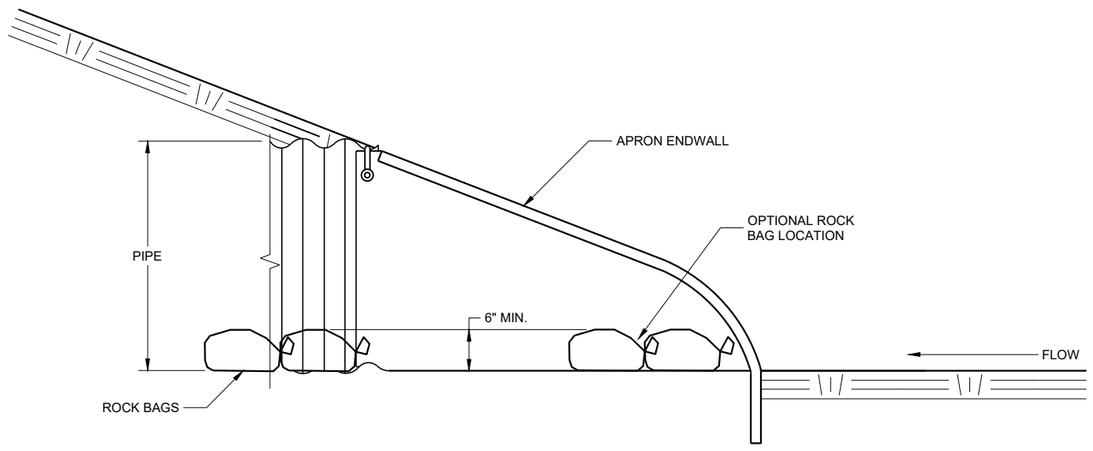
S.D.D. 8 E 14-1

6

S.D.D. 8 E 14-1



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2019 DATE	/S/ Daniel Schave EROSION CONTROL ENGI
FHWA	

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SDD 08E15 - 01

METAL APRON ENDWALLS

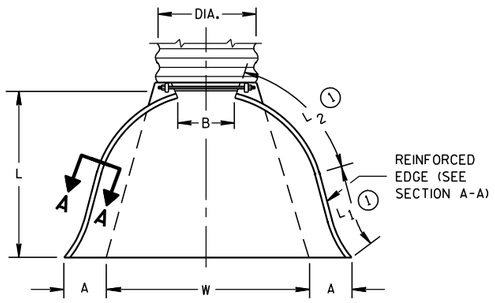
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

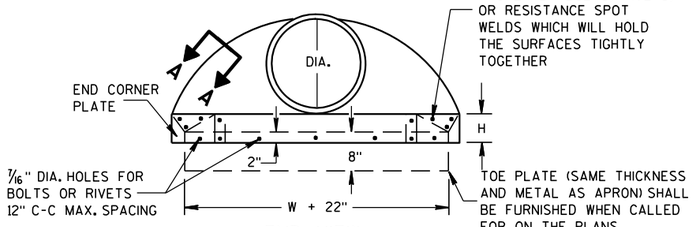
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

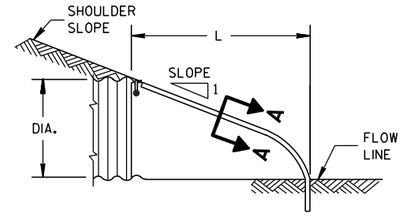
*MINIMUM
**MAXIMUM



PLAN VIEW

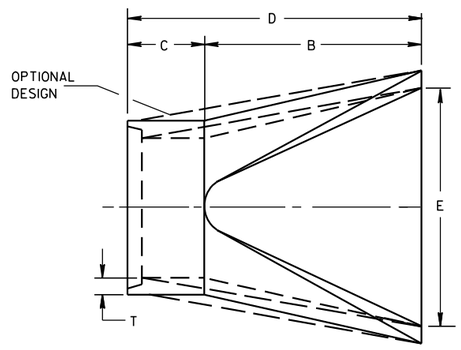


END VIEW

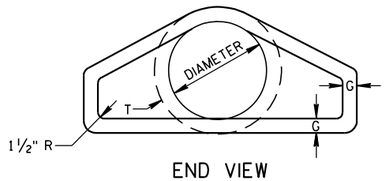


SIDE ELEVATION

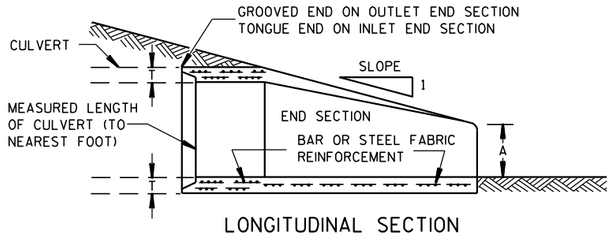
METAL ENDWALLS



PLAN

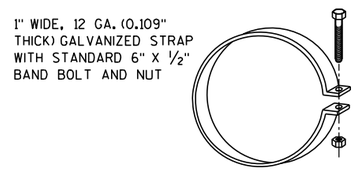


END VIEW



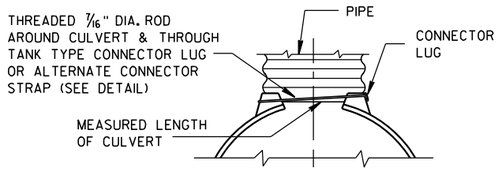
LONGITUDINAL SECTION

CONCRETE ENDWALLS

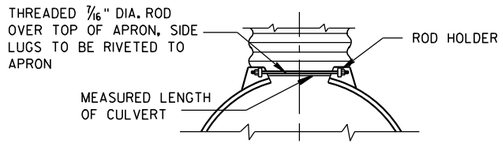


ALTERNATE FOR TYPE 1 CONNECTION

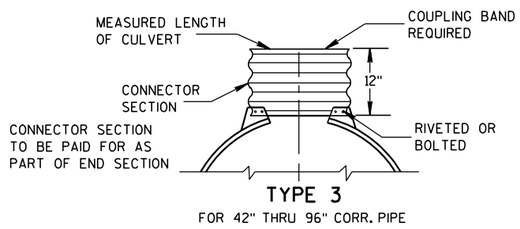
END SECTION CONNECTOR STRAP



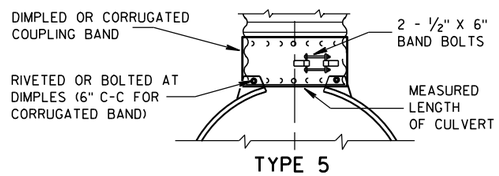
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

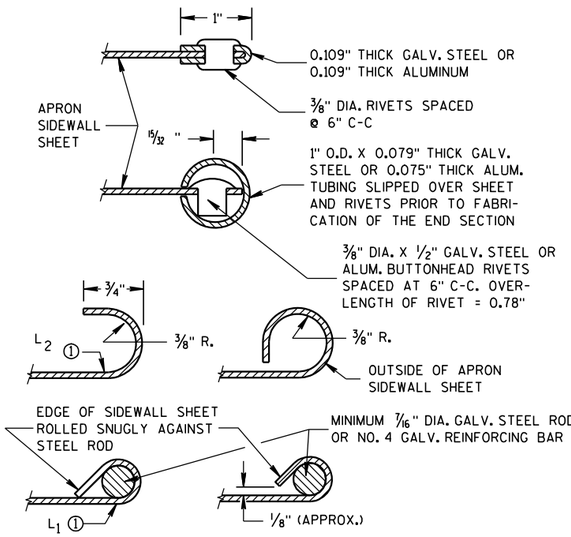
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

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

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

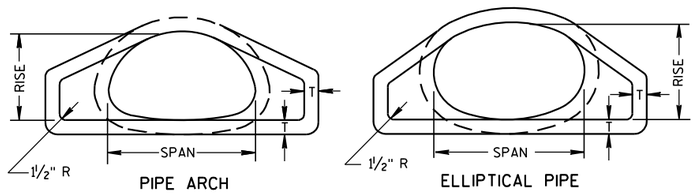
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

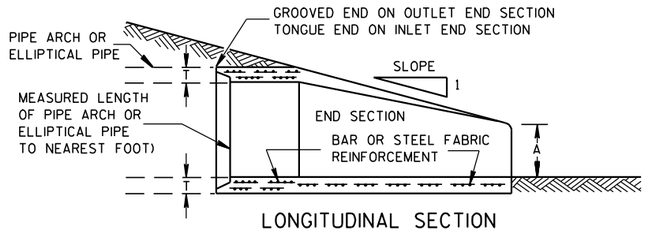
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

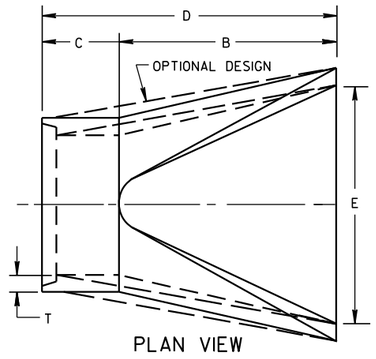
6
S.D.D. 8 F 1-11



END VIEW

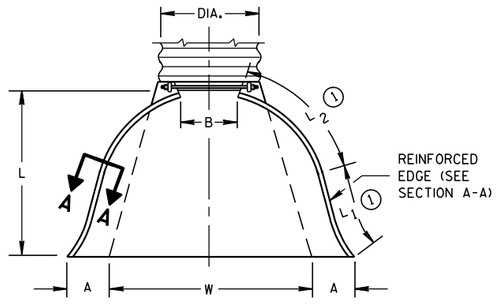


LONGITUDINAL SECTION

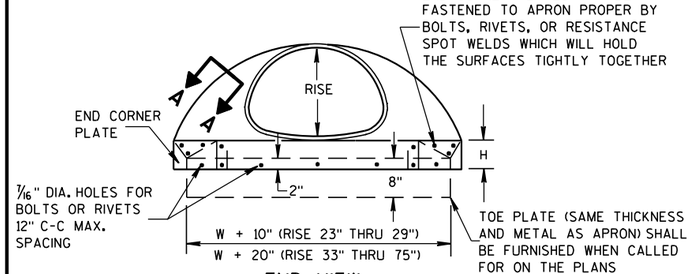


PLAN VIEW

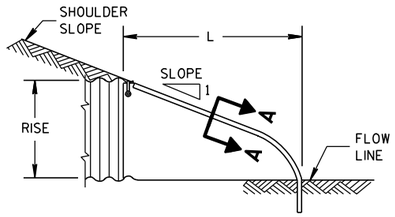
CONCRETE ENDWALLS



PLAN VIEW

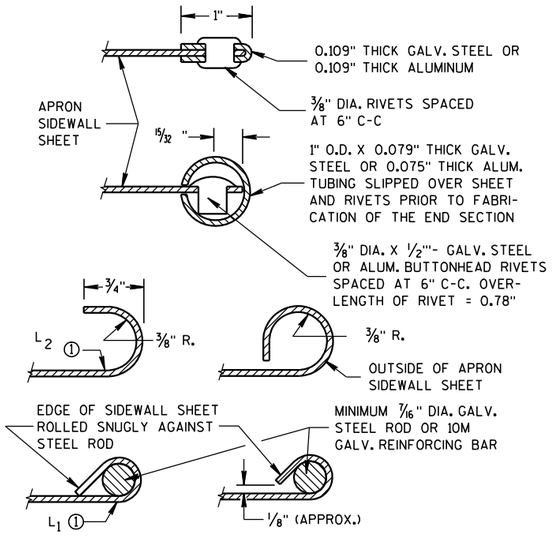


END VIEW



SIDE ELEVATION

METAL ENDWALLS



SECTION A-A

2- 2/3" X 1/2" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
15	17	13	.064	.060	7	9	6	19	14	16	30	2½ to 1	1 Pc.
18	21	15	.064	.060	7	10	6	23	14	19⅜	36	2½ to 1	1 Pc.
21	24	18	.064	.060	8	12	6	28	18	21¾	42	2½ to 1	1 Pc.
24	28	20	.064	.060	9	14	6	32	18	27½	48	2½ to 1	1 Pc.
30	35	24	.079	.075	10	16	6	39	18	37⅝	60	2½ to 1	1 Pc.
36	42	29	.079	.075	12	18	8	46	24	45⅜	75	2½ to 1	1 Pc.
42	49	33	.109	.105	13	21	9	53	24	54¾	85	2½ to 1	2 Pc.
48	57	38	.109	.105	18	26	12	63	24	68	90	2½ to 1	3 Pc.
54	64	43	.109	.105	18	30	12	70	24	72¾	102	2¼ to 1	3 Pc.
60	71	47	.109*	.105*	18	33	12	77	30	82¼	114	2¼ to 1	3 Pc.
66	77	52	.109*	.105*	18	36	12	77	—	—	126	2 to 1	3 Pc.
72	83	57	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.

3" X 1" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
48	53	41	.109	.105	18	26	12	63	24	72¾	90	2½ to 1	2 Pc.
54	60	46	.109	.105	18	30	12	70	30	82¼	102	2 to 1	2 Pc.
60	66	51	.109*	.105*	18	33	12	77	—	—	114	1½ to 1	3 Pc.
66	73	55	.109*	.105*	18	36	12	77	—	—	126	1½ to 1	3 Pc.
72	81	59	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.
78	87	63	.109*	.105*	22	38	12	77	—	—	148	1½ to 1	3 Pc.
84	95	67	.109*	.105*	22	34	12	77	—	—	162	1½ to 1	3 Pc.
90	103	71	.109*	.105*	22	38	12	77	—	—	174	1½ to 1	3 Pc.
96	112	75	.109*	.105*	24	40	12	77	—	—	174	1½ to 1	3 Pc.

NOTE: ALL SPLICES TO BE LAP RIVETED OR BOLTED.

* EXCEPT CENTER PANEL SEE GENERAL NOTES

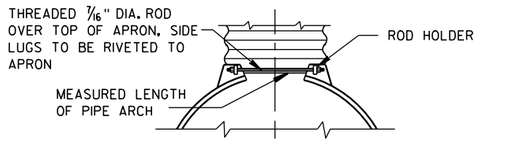
REINFORCED CONCRETE PIPE ARCH

EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	29	18	3	8½	39	33	72	48	3 to 1
30	36	22	3½	9½	50	46	96	60	3 to 1
36	44	27	4	11⅛	60	36	96	72	3 to 1
42	51	31	4½	15 13/16	60	36	96	78	3 to 1
48	58	36	5	21	60	36	96	84	3 to 1
54	65	40	5½	25½	60	36	96	90	3 to 1
60	73	45	6	31	60	36	96	96	3 to 1
72	88	54	7	31	60	39	99	120	2 to 1
84	102	62	8	28½	83	19	102	144	2 to 1

REINFORCED CONCRETE ELLIPTICAL PIPE

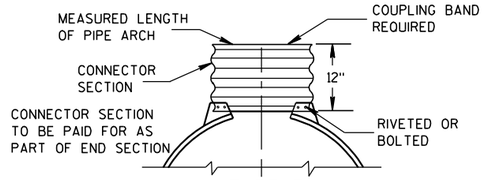
EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	30	19	3¼	8½	39	33	72	48	3 to 1
30	38	24	3¾	9½	54	18	72	60	3 to 1
36	45	29	4½	11⅛	60	24	84	72	2½ to 1
42	53	34	5	15¾	60	36	96	78	2½ to 1
48	60	38	5½	21	60	36	96	84	2½ to 1
54	68	43	6	25½	60	36	96	90	2½ to 1
60	76	48	6½	30	60	36	96	96	2½ to 1

**NOMINAL SIZE



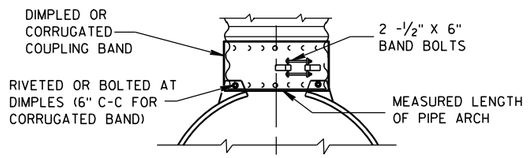
TYPE 2

FOR 17" X 13" THRU 112" X 75" PIPE ARCH



TYPE 3

FOR 64" X 43" THRU 112" X 75" PIPE ARCH



TYPE 5

ALTERNATE FOR:

ALL SIZES CORRUGATED PIPE ARCHES

NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL.

CONNECTION DETAILS

GENERAL NOTES

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

CONCRETE APRON ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM APRON ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE ARCH PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 77" X 52" THROUGH 112" X 75" APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE ARCH SIZES UP TO 73" X 55" A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/94 — DATE

/S/ Rory L. Rhinesmith — CHIEF ROADWAY DEVELOPMENT ENGINEER

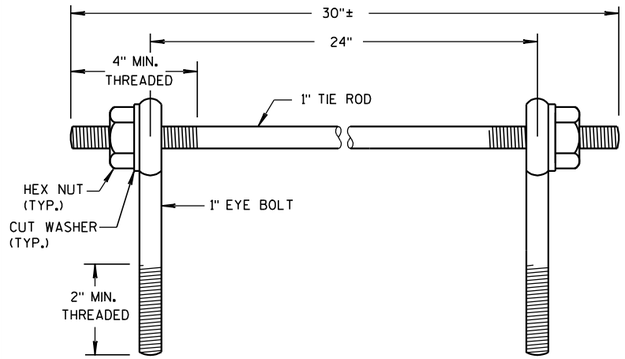
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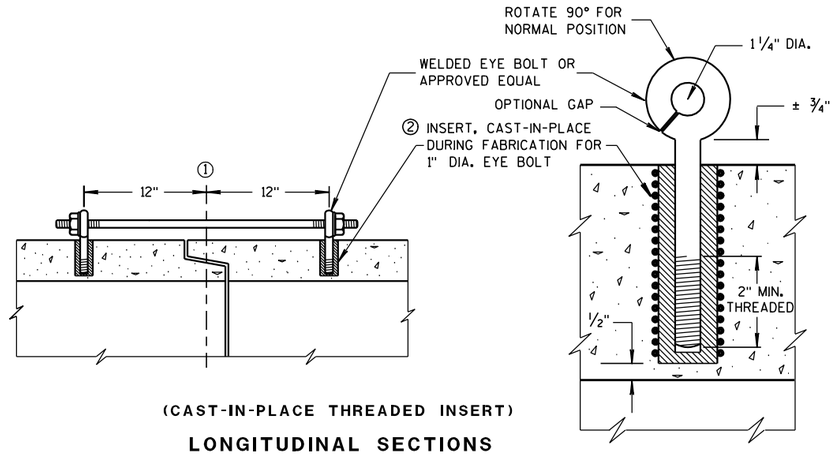
S.D.D. 8 F 2-1

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S.D.D. 8 F 2-1



EYE BOLTS AND TIE ROD



(CAST-IN-PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

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

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

① ℄ OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

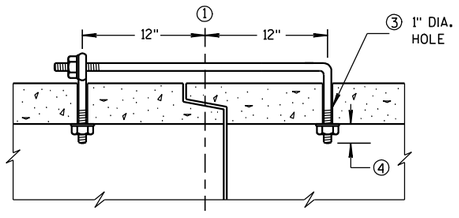
② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

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

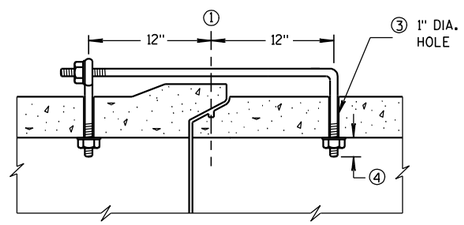
④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

⑤ OPENING TO BE ROD DIAMETER PLUS 1 INCH.

⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2 INCH OF THE INNER SURFACE OF THE PIPE.



(TONGUE & GROOVE PIPE)

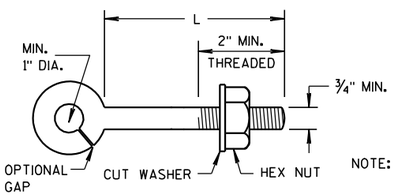


(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

EYE BOLT DIMENSION TABLE

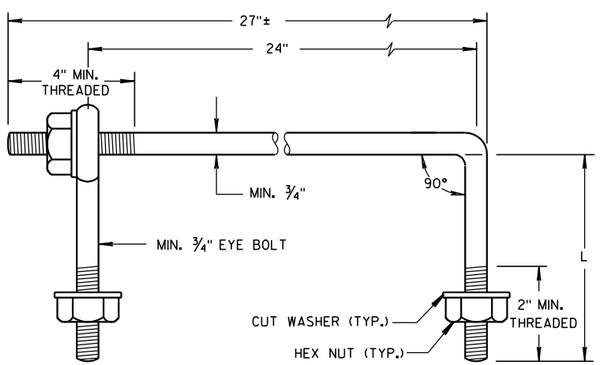
PIPE SIZE	L = LENGTH	
	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
18" TO 24"	4 1/2"	6 1/4"
30"	5"	7"
36"	5 1/2"	7"
42"	6"	
48"	6 1/2"	
60"	7 1/2"	
66"	8"	



NOTE:

EYE BOLT

NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD

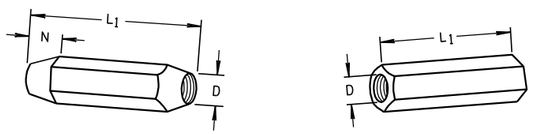
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

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

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12-60	5/8	5/8	5	1/2
66-84	3/4	3/4	5	1/2
90-108	1	1	7	1 1/16

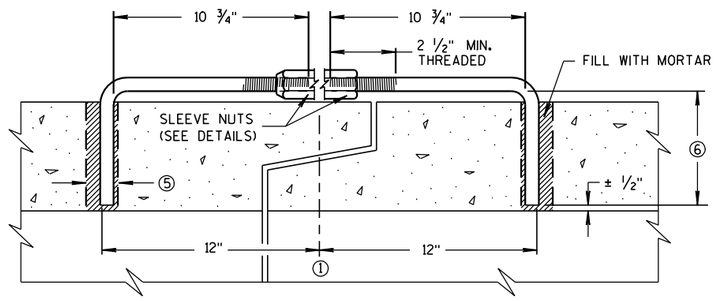
DIMENSIONS SHOWN ARE IN INCHES



TAPERED PLAIN

RIGHT AND LEFT THREADS

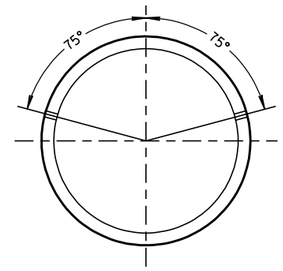
SLEEVE NUTS



LONGITUDINAL SECTION

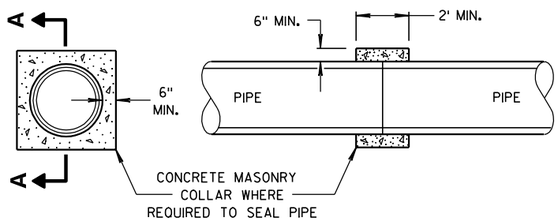
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A-A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

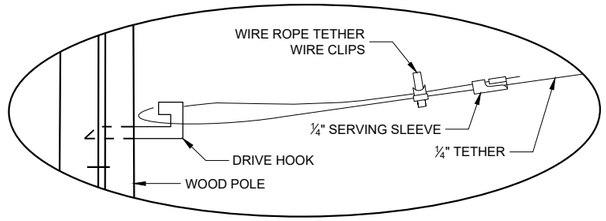
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S.D.D. 8 F 4-7

6

S.D.D. 8 F 4-7

MINIMUM POLE LENGTHS	POLE BURIAL DEPTHS
25'	5'
30'	6'
35'	7'
40'	8'
45'	9'

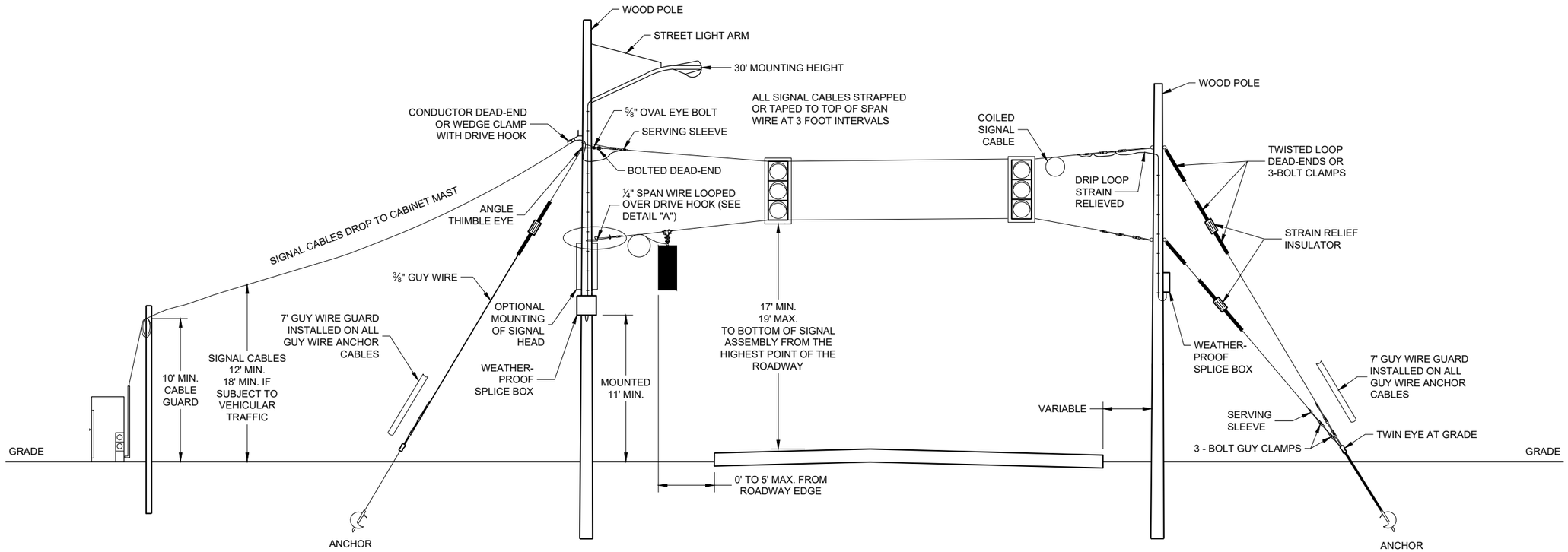


DETAIL "A"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.
2. SIGNAL FACES:
   A. ALL SECTIONS SHALL BE 12" AND POLYCARBONATE.
   B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
3. SPAN WIRE:
   A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED
   B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   C. THE SIGNAL ASSEMBLY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.



SPAN WIRE
TEMPORARY SIGNALS

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE

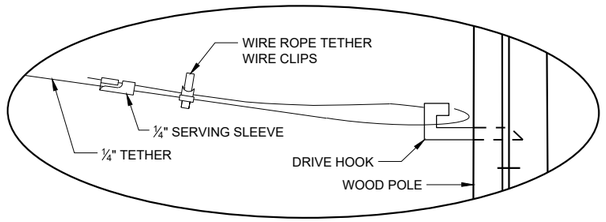
/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI

FHWA

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SDD09G01 - 04a

MINIMUM POLE LENGTHS	CLASS	POLE BURIAL DEPTHS
25'	V	5'
30'	V	6'
35'	IV	7'
40'	IV	8'
45'	IV	9'

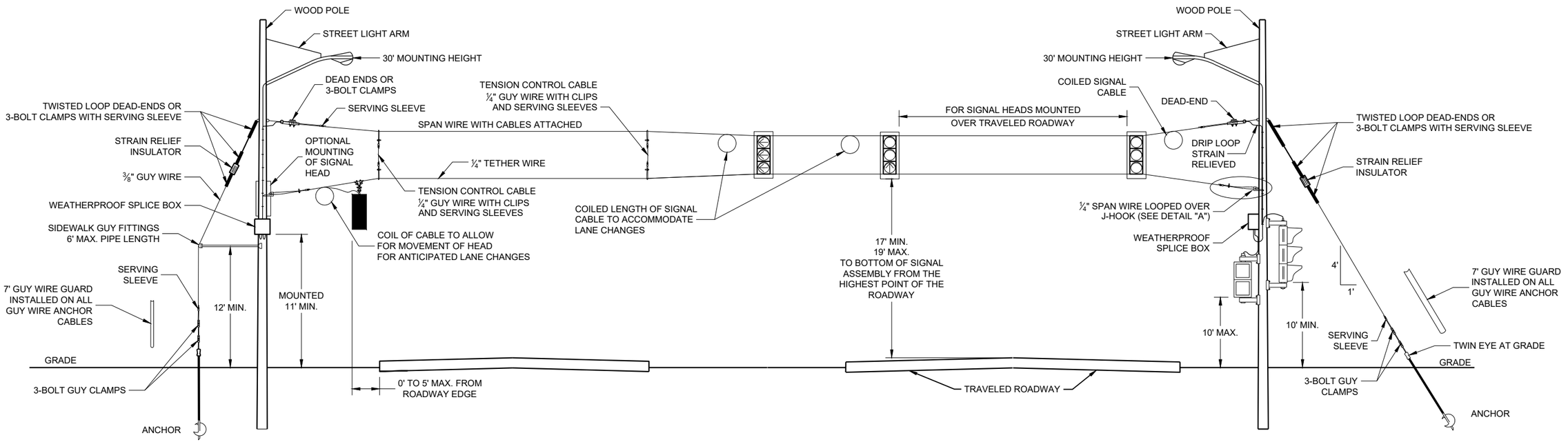


DETAIL "A"

GENERAL NOTES

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1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.
2. SIGNAL FACES:
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   B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
   E. FAR INDICATION SHALL BE MAINTAINED OVER CENTER OF TRAFFIC LANE.
3. SPAN WIRE:
   A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED
   B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   C. THE SIGNAL ASSEMBLY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.



SPAN WIRE
TEMPORARY SIGNALS
4 LANE ROADWAYS

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

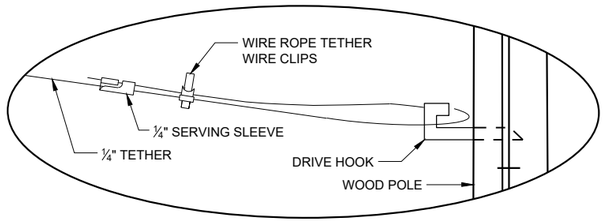
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE
/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI
FHWA

SDD09G01 - 04b

SDD09G01 - 04b

MINIMUM POLE LENGTHS	CLASS	POLE BURIAL DEPTHS
25'	V	5'
30'	V	6'
35'	IV	7'
40'	IV	8'
45'	IV	9'

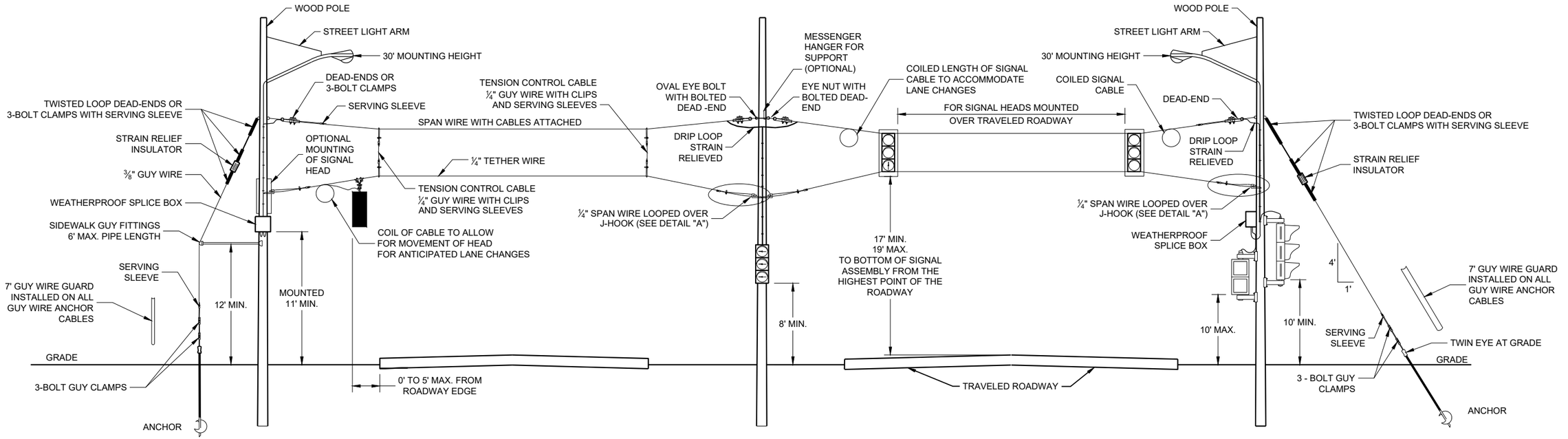


DETAIL "A"

GENERAL NOTES

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   - C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   - D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
   - E. FAR INDICATION SHALL BE MAINTAINED OVER CENTER OF TRAFFIC LANE.
3. SPAN WIRE:
   - A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED
   - B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   - C. THE SIGNAL ASSEMBLY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.



SPAN WIRE
TEMPORARY SIGNALS
4 LANE ROADWAYS

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

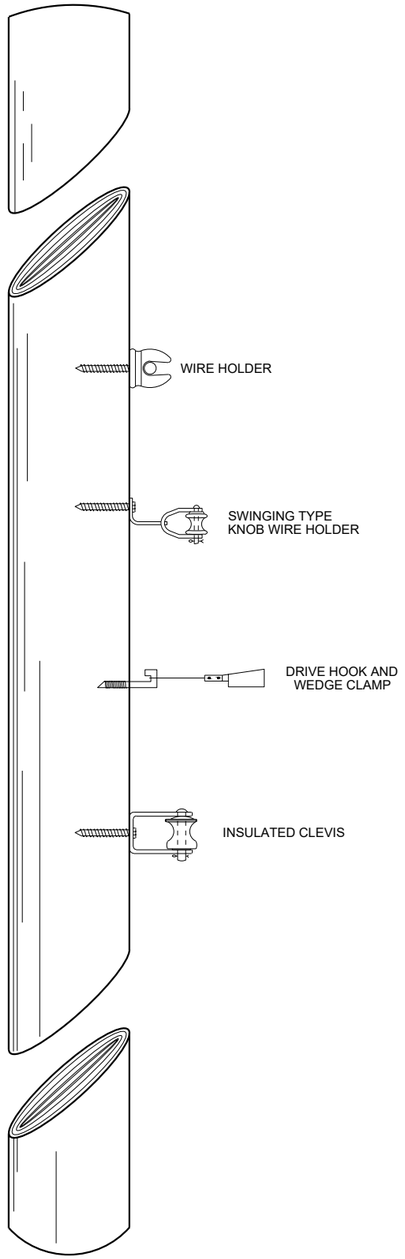
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

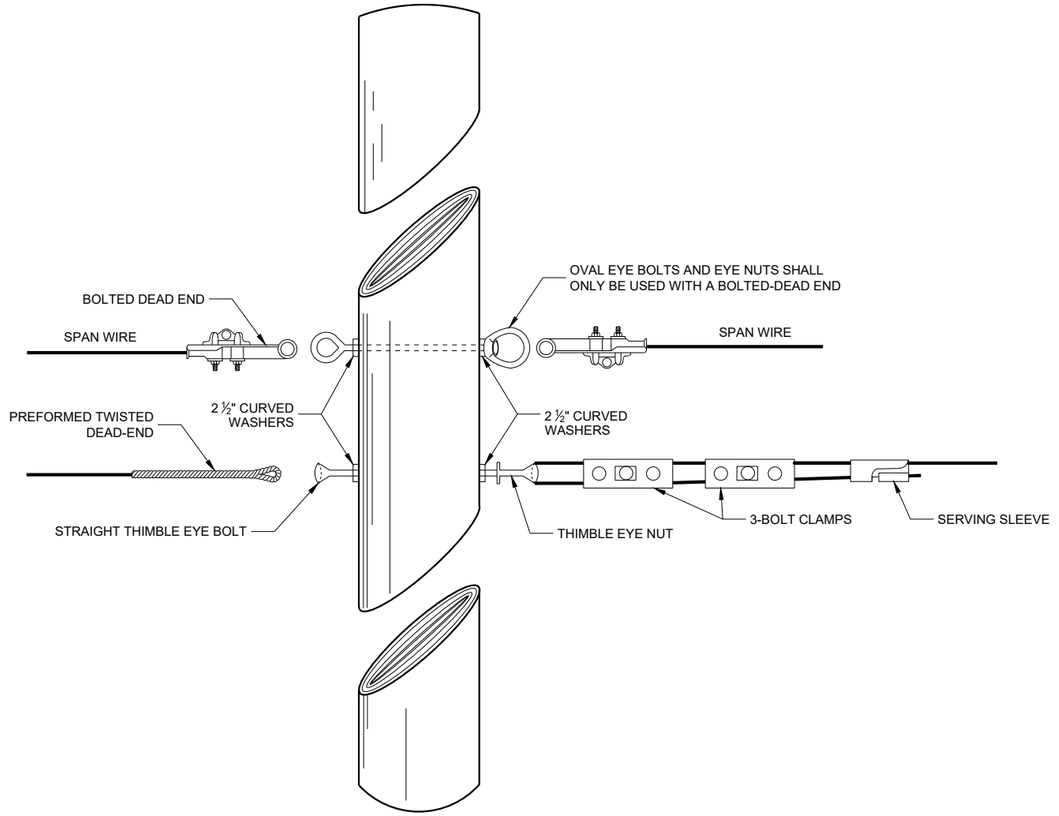
APPROVED
June 2015
DATE
/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI

FHWA

SDD09G01 - 04c

SDD09G01 - 04c





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SDD 09G01 - 4d

SDD 09G01 - 4d

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

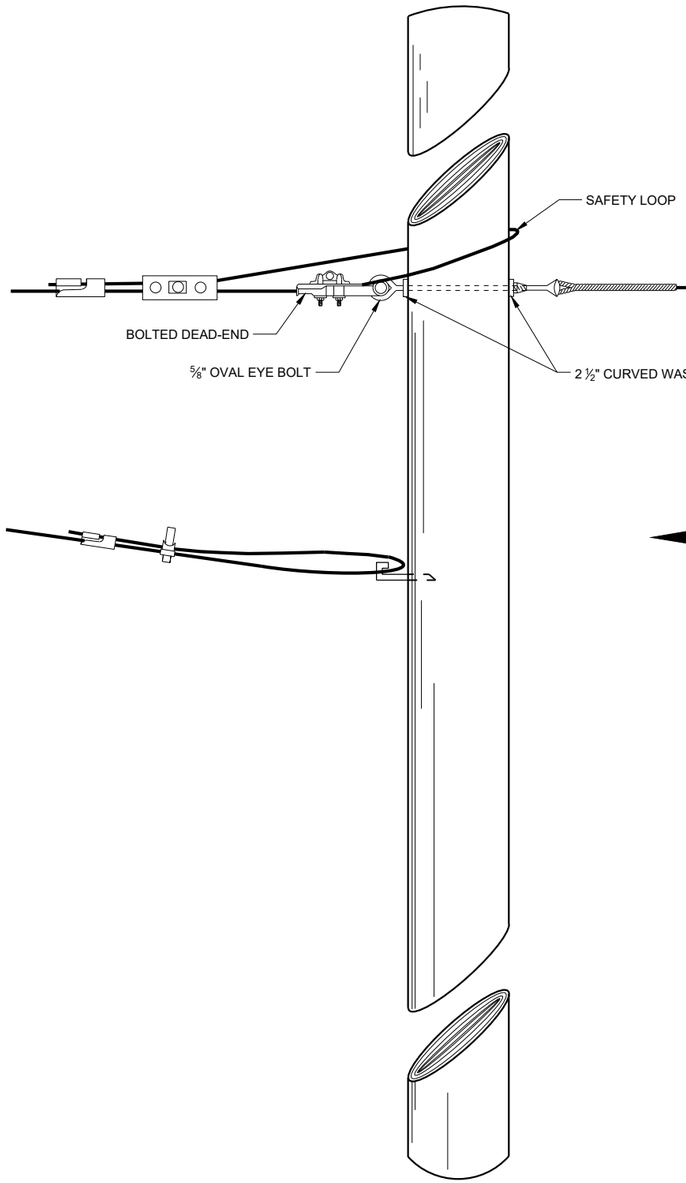
June 2015
DATE

/S/ Ahmet Demerbilek
ROADWAY STANDARDS DEVE ENGINEER

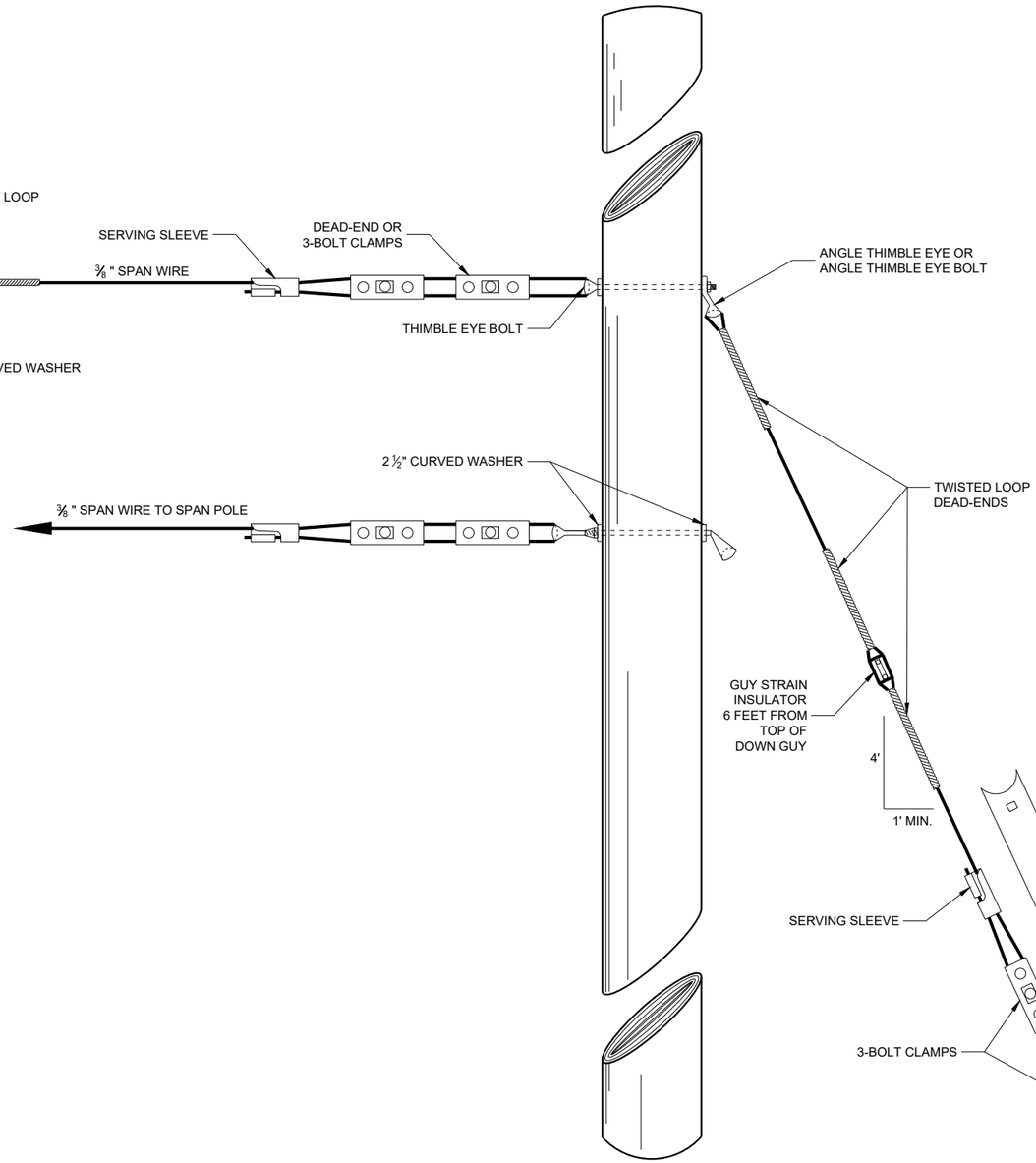
FHWA

GENERAL NOTES

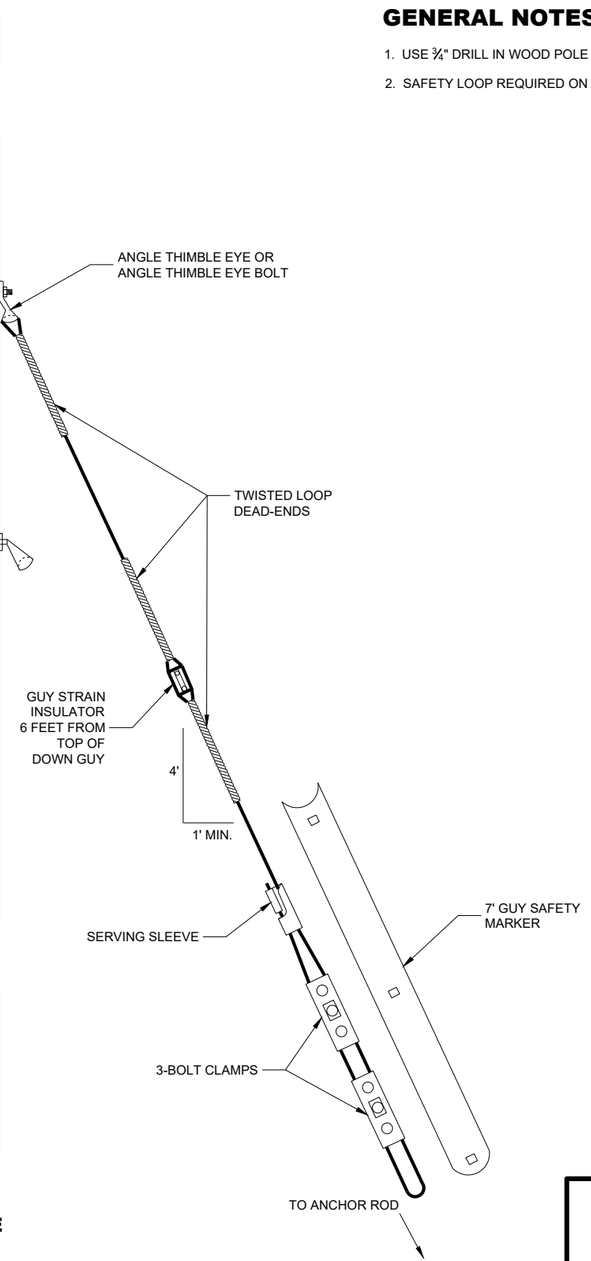
1. USE ¾" DRILL IN WOOD POLE TO PROVIDE FOR ⅝" BOLTS.
2. SAFETY LOOP REQUIRED ON EACH END OF ALL SPAN WIRES.



SPAN WIRE POLE



GUY POLE



TYPICAL DEAD-ENDINGS OR GUYING

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

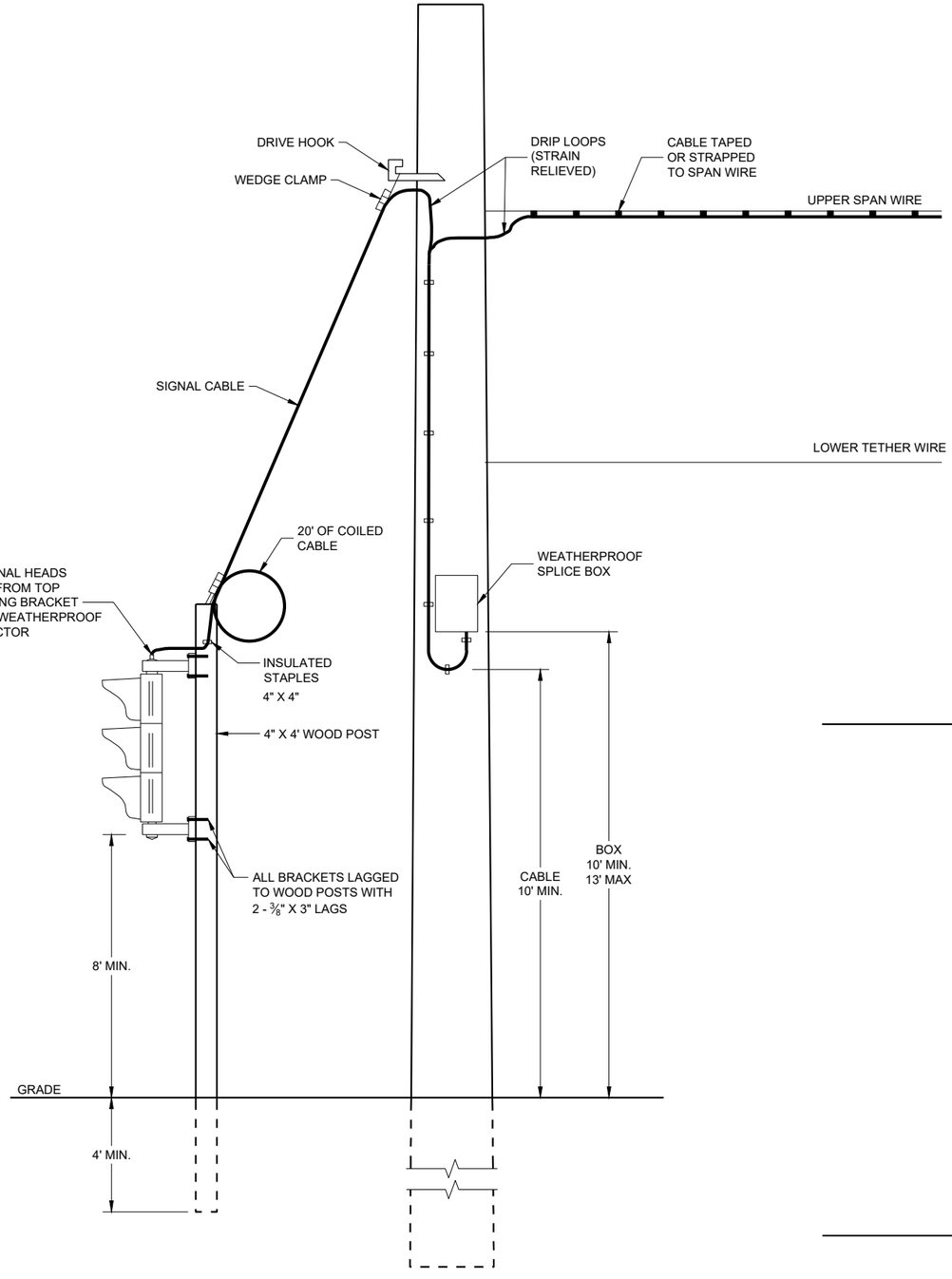
APPROVED
June 2015
DATE

/S/ Ahmet Demerbilek
ROADWAY STANDARDS DEVE ENGINEER

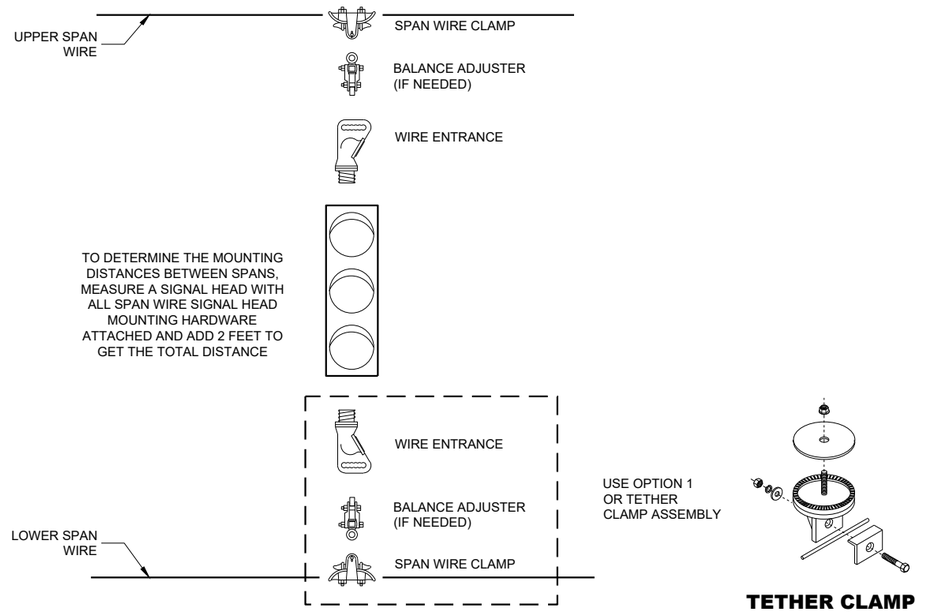
FHWA

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SDD 09G01 - 4e



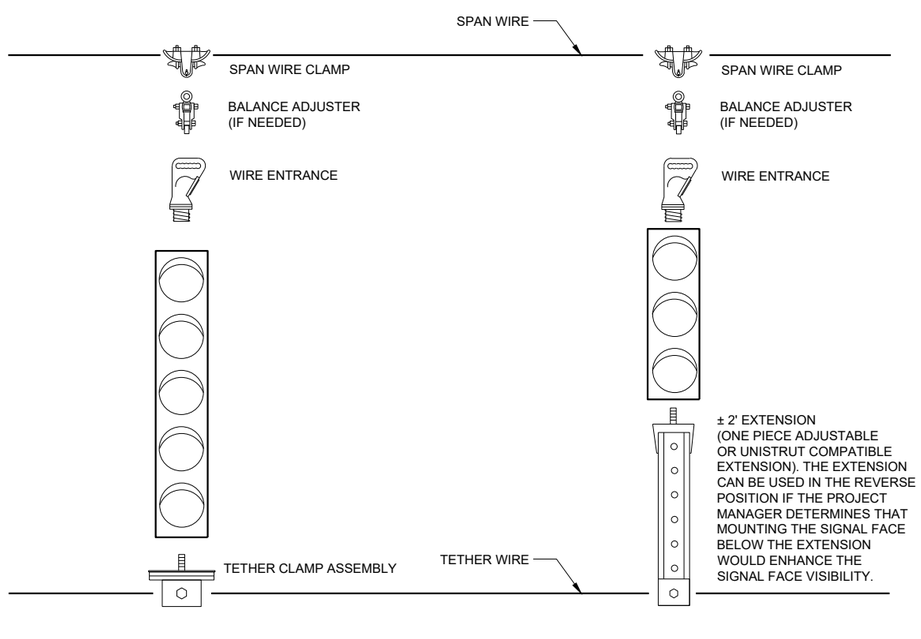
TYPICAL DROP TO TEMPORARY MOVEABLE SIGNAL



OPTION 1

TETHER CLAMP ASSEMBLY OPTION

TYPICAL SPAN WIRE MOUNTING HARDWARE



5 SECTION VERTICAL WITH 3 SECTION VERTICAL ON ONE SPAN WIRE

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

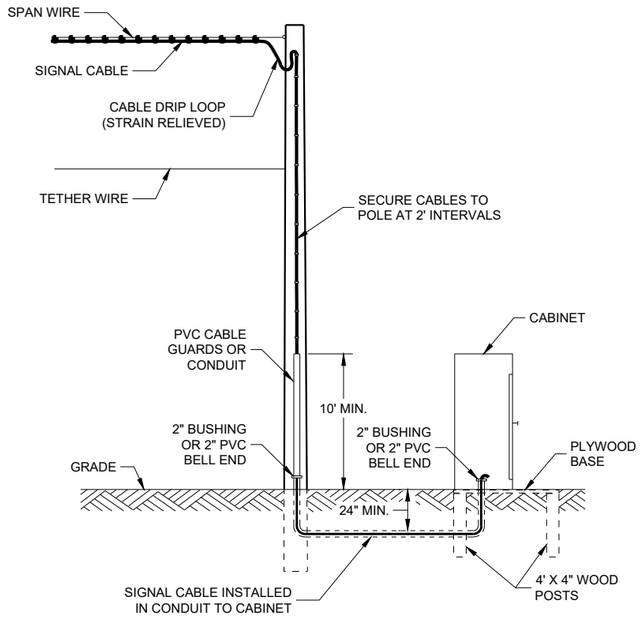
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

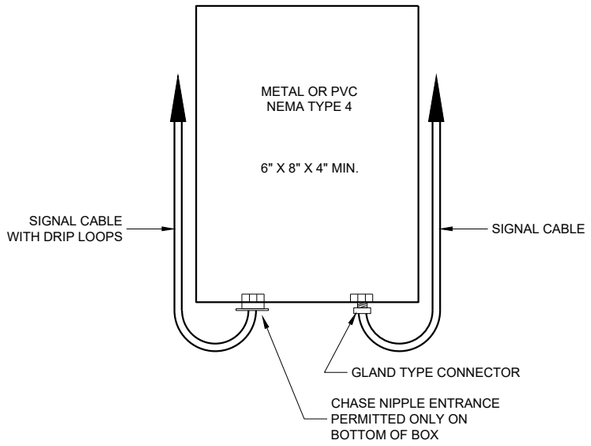
APPROVED
June 2015 — DATE
/S/ Ahmet Demerbilek — ROADWAY STANDARDS DEVE ENGINEER

FHWA

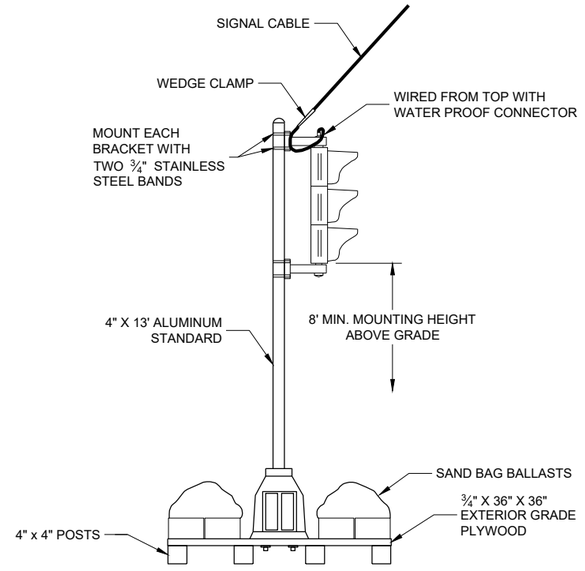
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SDD 09G01 - 4f

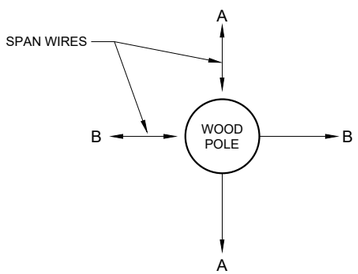




SPLICE BOX

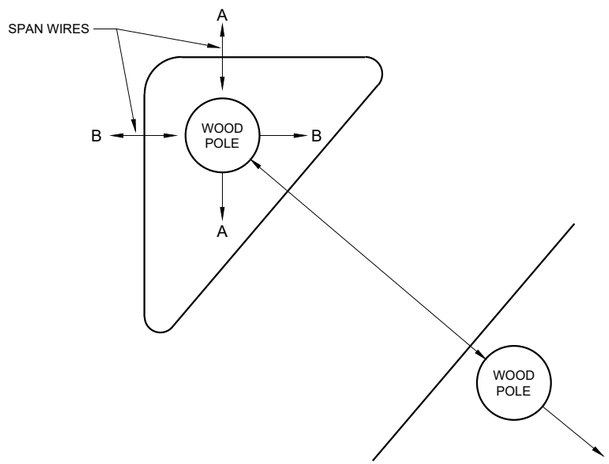


TYPICAL SKID TYPE TEMPORARY

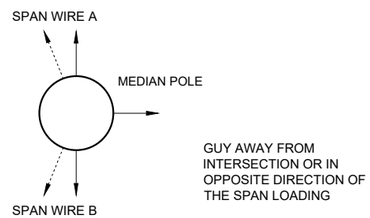


ALL DOWN OR SIDEWALK GUYS
SHALL BE INSTALLED IN THE
OPOSITE DIRECTION OF THE
STRAIN OF THE SPAN WIRE

CORNER POLES



ISLAND POLES



GUY AWAY FROM
INTERSECTION OR IN
OPPOSITE DIRECTION OF
THE SPAN LOADING

MEDIAN POLES

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

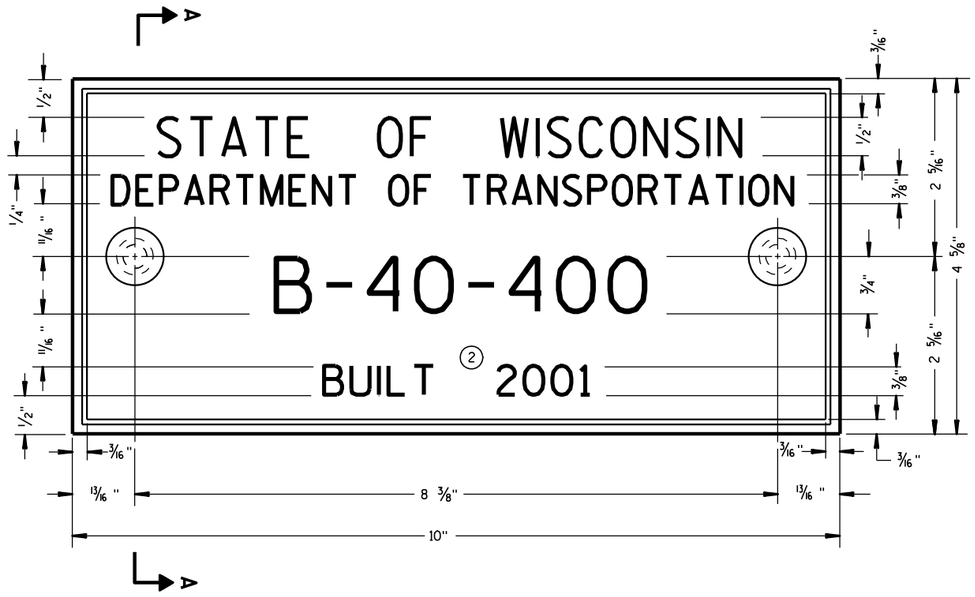
June 2015
DATE

/S/ Ahmet Demerbilek
ROADWAY STANDARDS DEVE ENGINEER

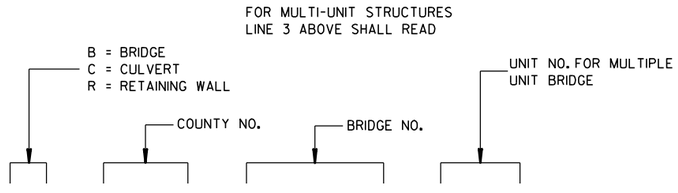
FHWA

SDD 09G01 - 4g

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TYPICAL NAME PLATE
(BRIDGES, CULVERTS, AND RETAINING WALLS)



NUMBERING DESIGNATION
MULTI-UNIT STRUCTURES

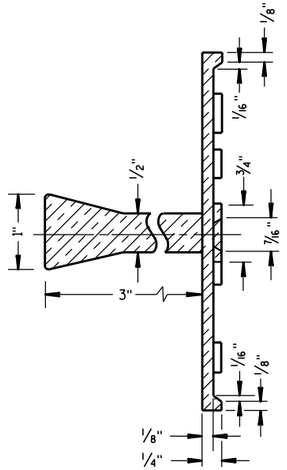
GENERAL NOTES

NAME PLATES TO BE INSTALLED ON BRIDGES, CULVERTS, AND RETAINING WALLS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS.

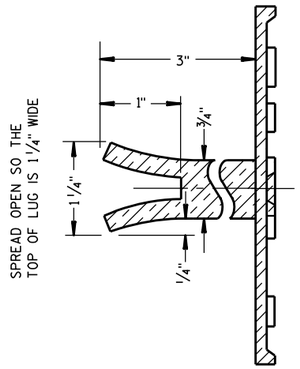
THE BRIDGE NUMBER AND YEAR BUILT SHOWN ON THIS DRAWING ARE EXAMPLES ONLY. SEE CONSTRUCTION PLANS FOR INDIVIDUAL NUMBERING AND YEAR BUILT.

(1) EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

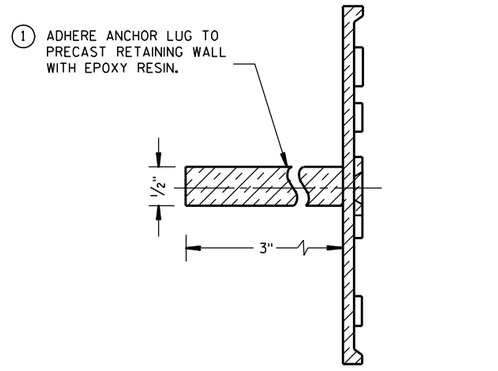
(2) REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE CONSTRUCTION.



SECTION A-A



ALTERNATE LUG



ALTERNATE LUG
(FOR ATTACHMENT TO PRECAST STRUCTURES)

NAME PLATE (STRUCTURES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

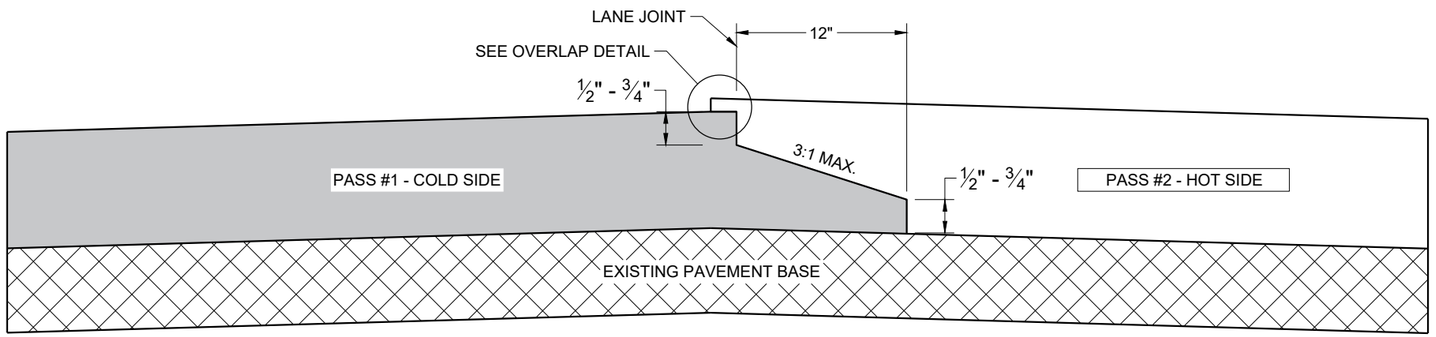
3/26/10 DATE

/S/ Scot Beck -- CHIEF STRUCTURAL DEVELOP ENGINEER

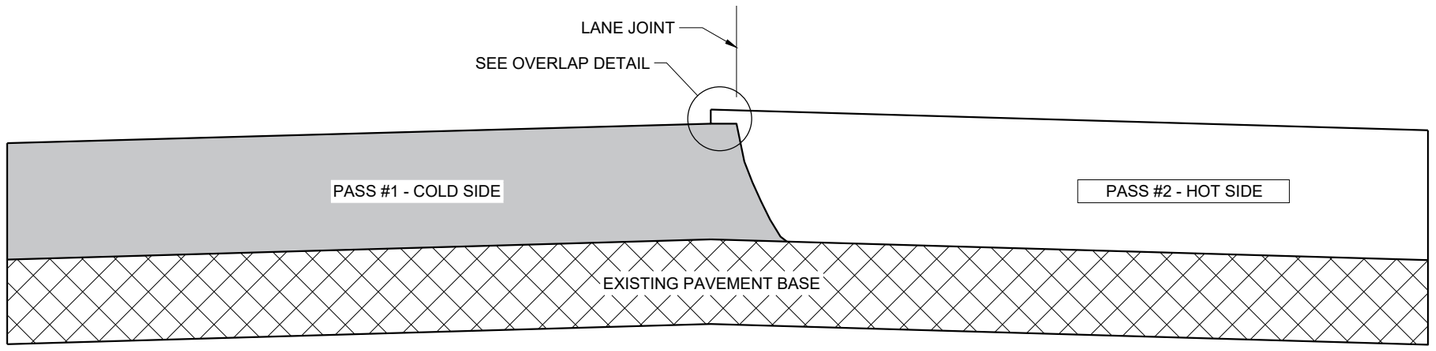
FHWA

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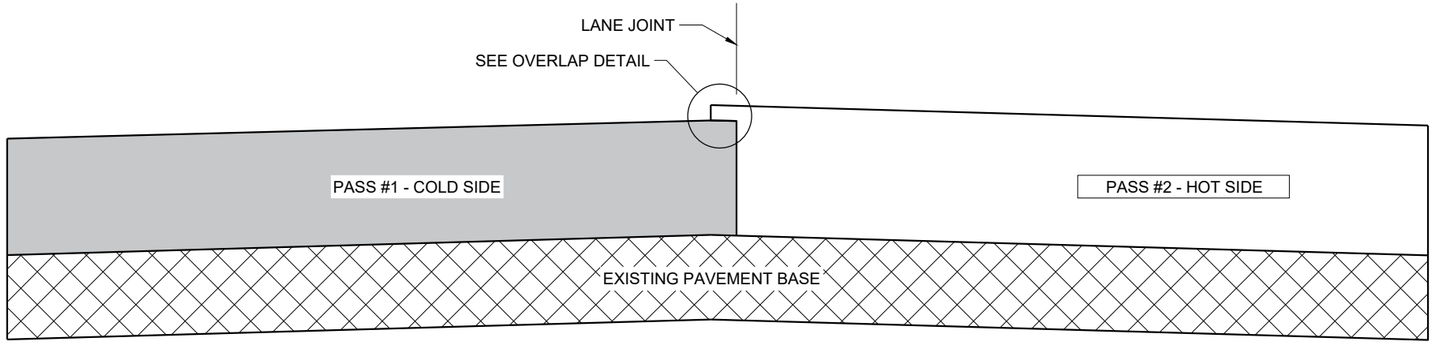
S.D.D. 12 A 3-10



TYPICAL PAVEMENT CROSS SECTION
OF NOTCHED WEDGE LONGITUDINAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL LONGITUDINAL JOINT



TYPICAL PAVEMENT CROSS SECTION
OF MILLED LONGITUDINAL JOINT

GENERAL NOTES

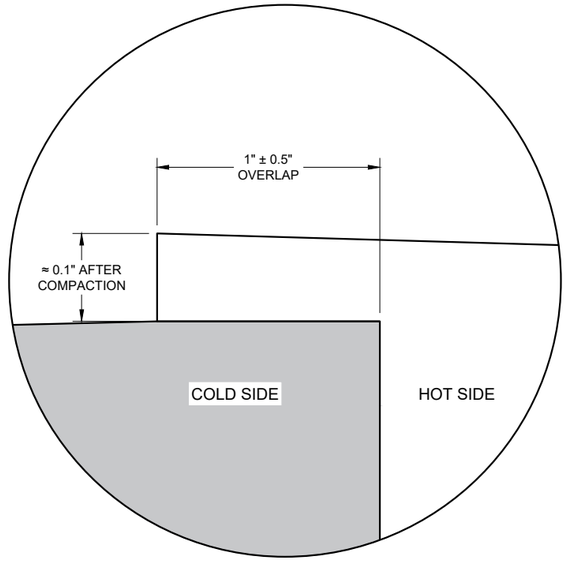
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION.

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

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SDD 13C19 - 02

SDD 13C19 - 02

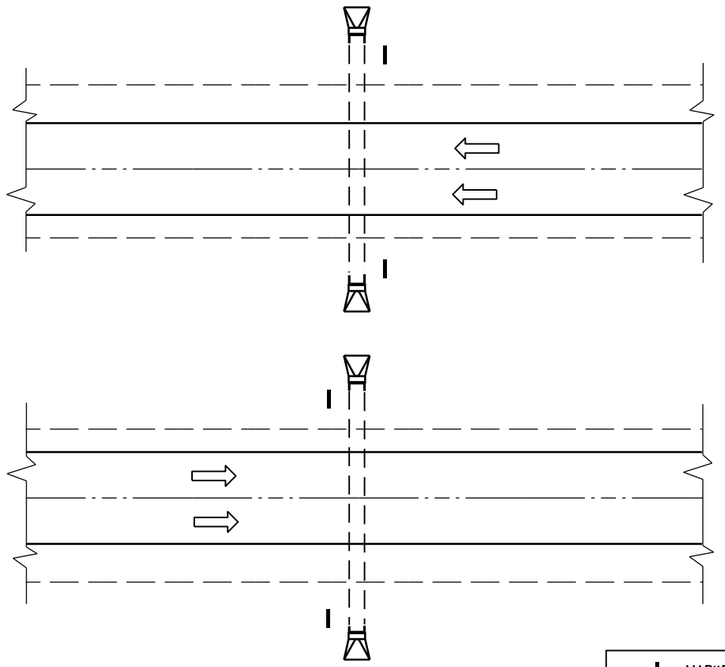
HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE

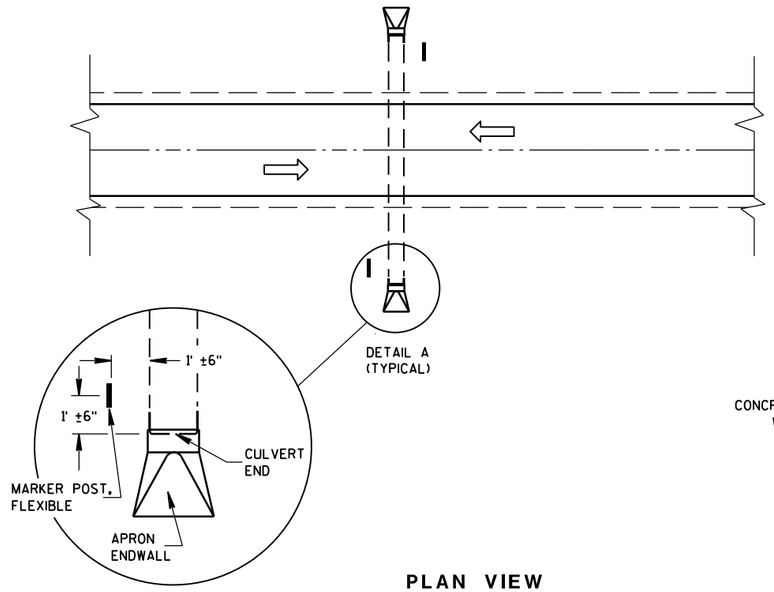
/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

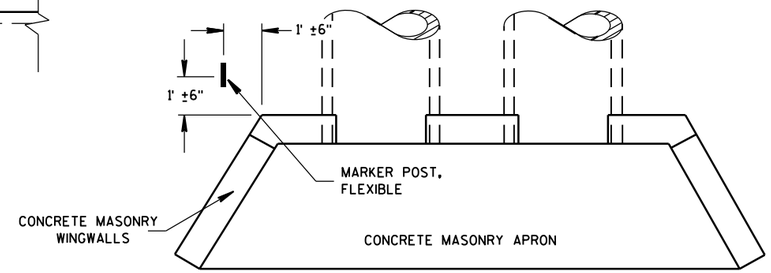
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

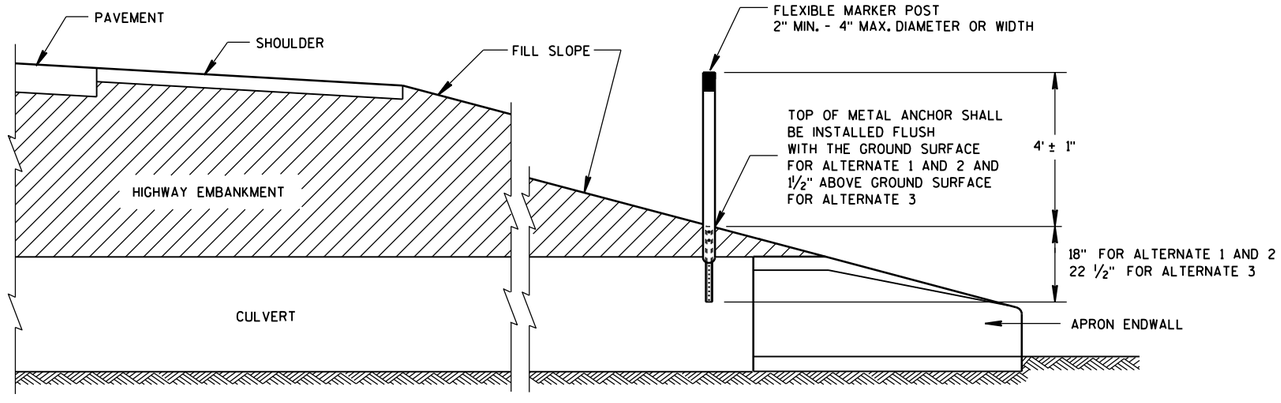
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST FOR CULVERT END

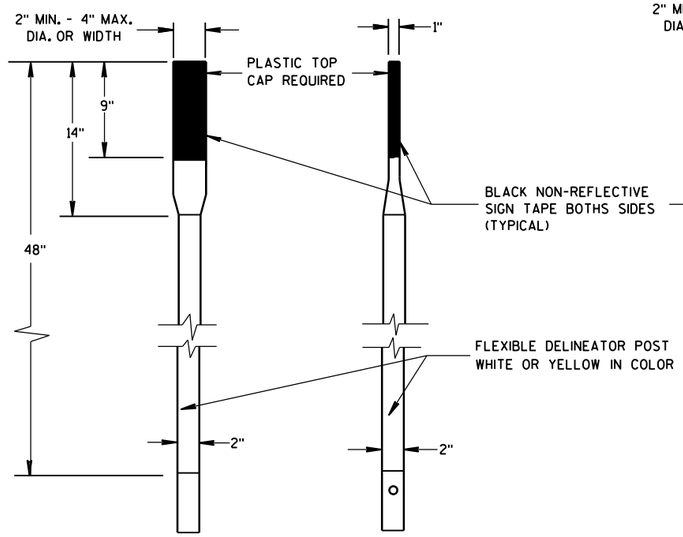
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

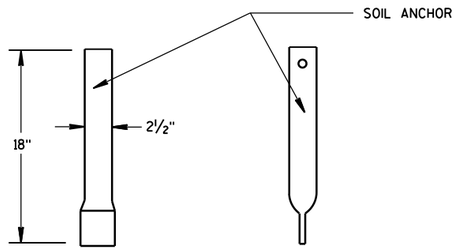
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S.D.D. 15 A 3-2a

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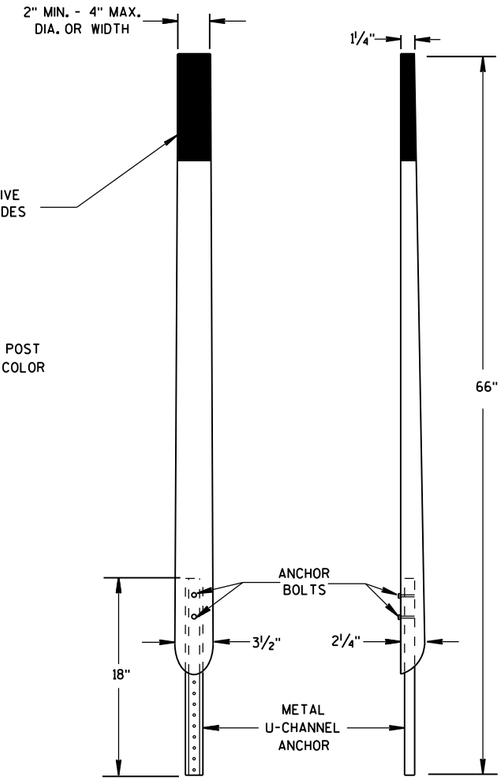
S.D.D. 15 A 3-2a





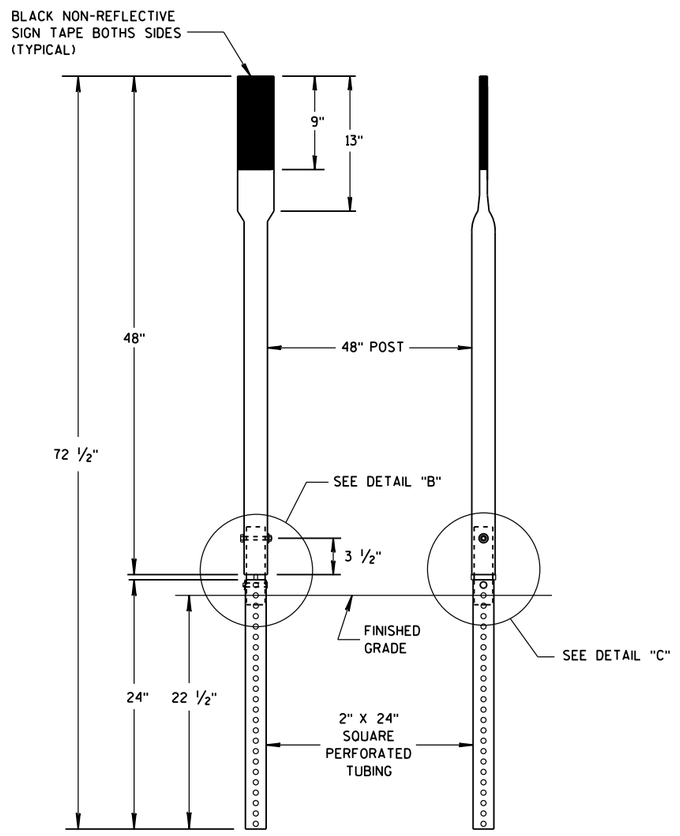
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

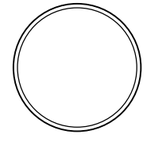
ALTERNATE 2



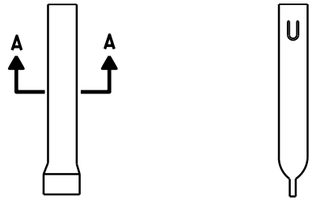
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POSTS

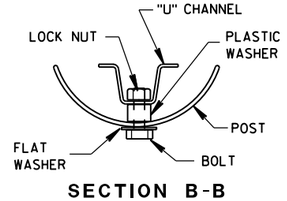


SECTION A-A

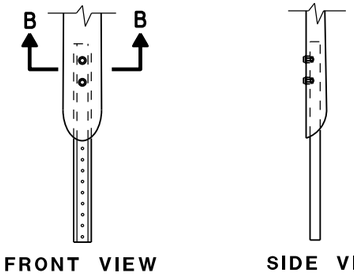


FRONT VIEW SIDE VIEW

ALTERNATE 1

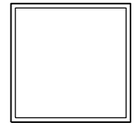


SECTION B-B

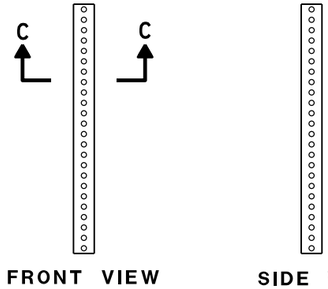


FRONT VIEW SIDE VIEW

ALTERNATE 2



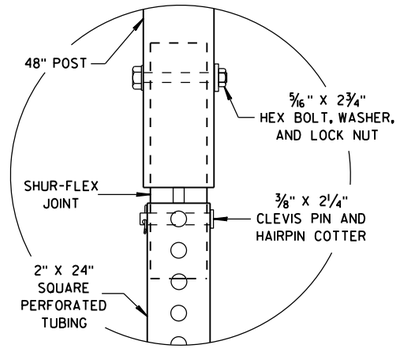
SECTION C-C



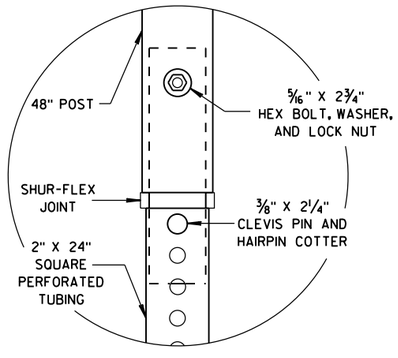
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

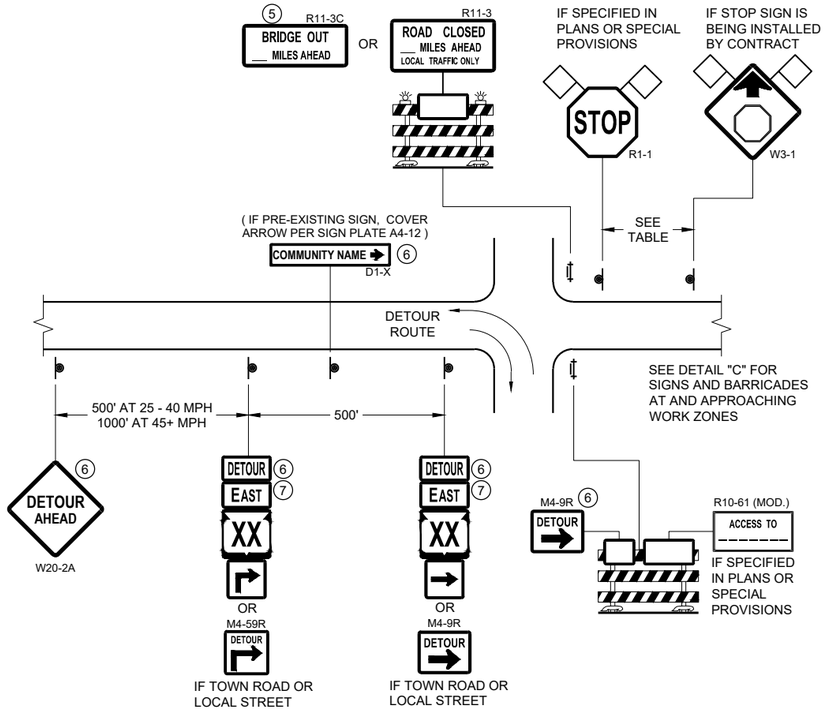
APPROVED
10/1/2012 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
227
IGN
FHWA

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S.D.D. 15 A 3-2b

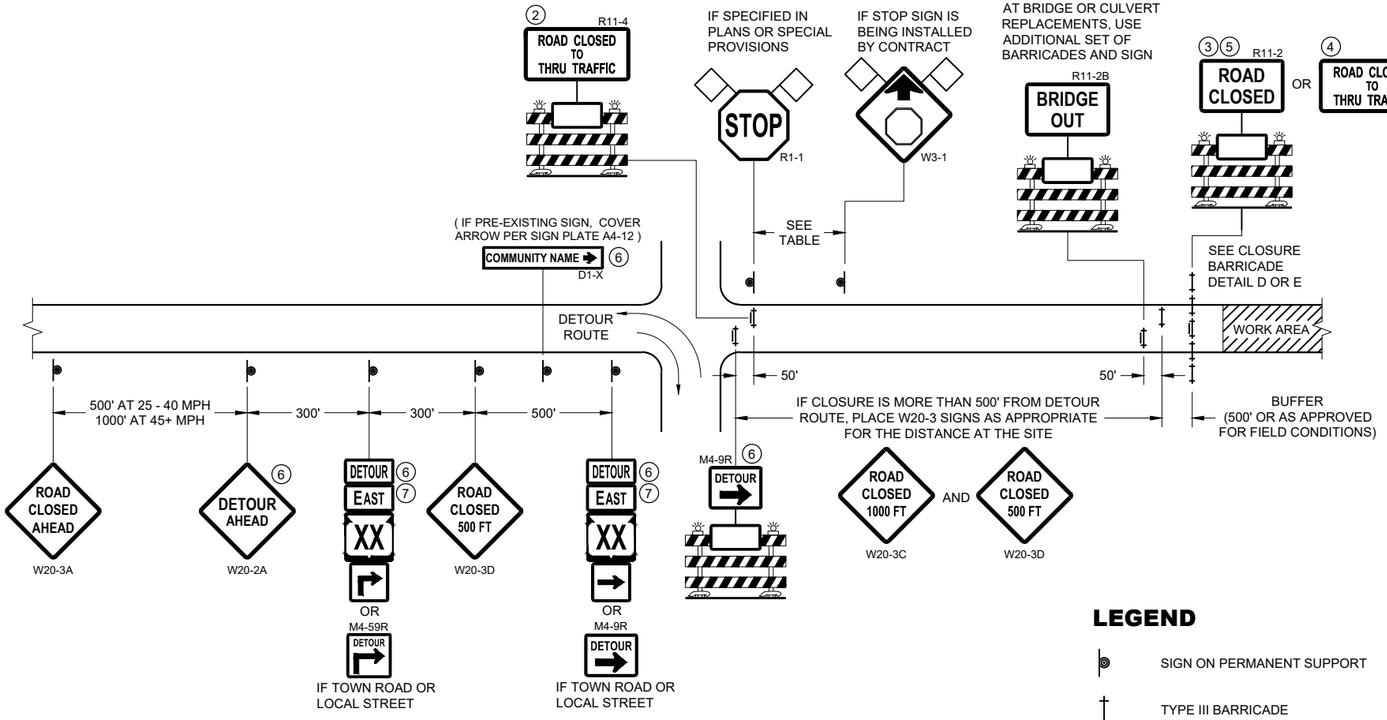
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S.D.D. 15 A 3-2b



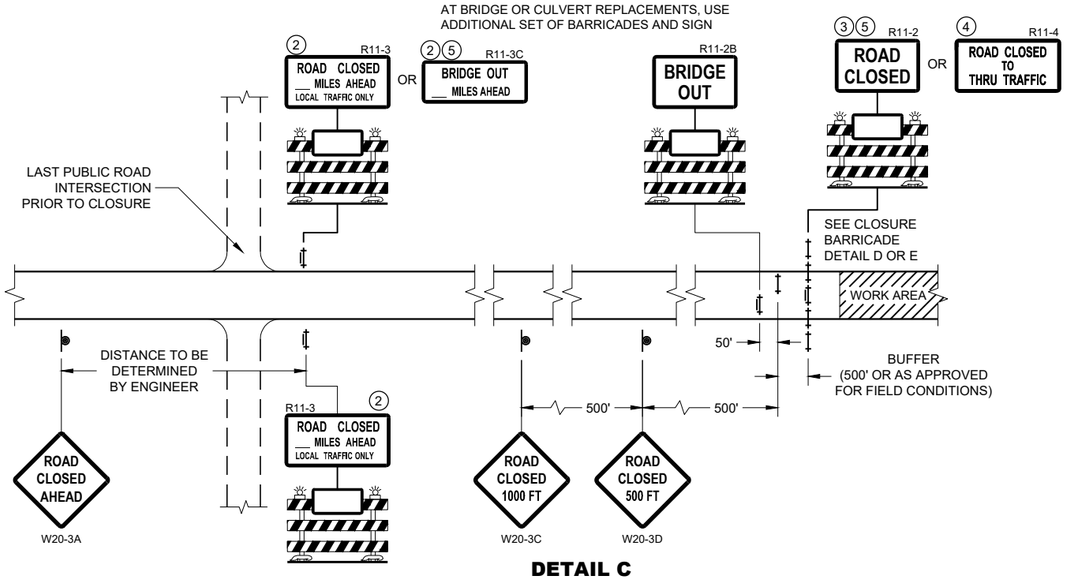
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b"
FOR GENERAL NOTES
AND FOOTNOTES ① THROUGH ⑦

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

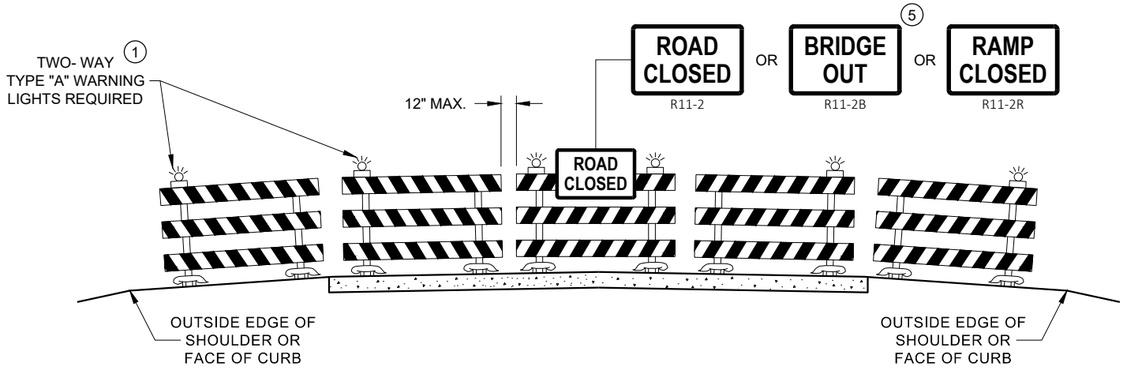
APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

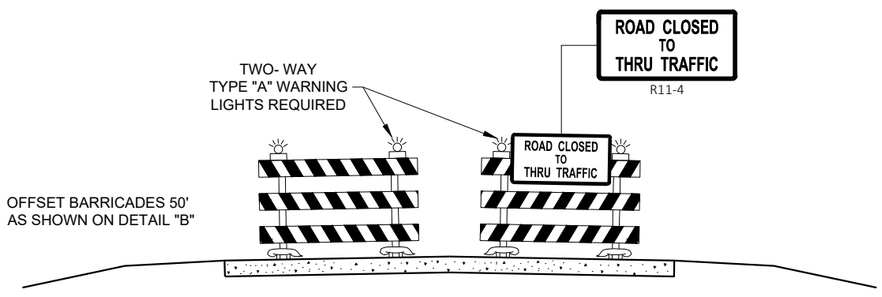
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SDD 15C02 - 08a

SDD 15C02 - 08a



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE", SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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

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

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

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

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

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

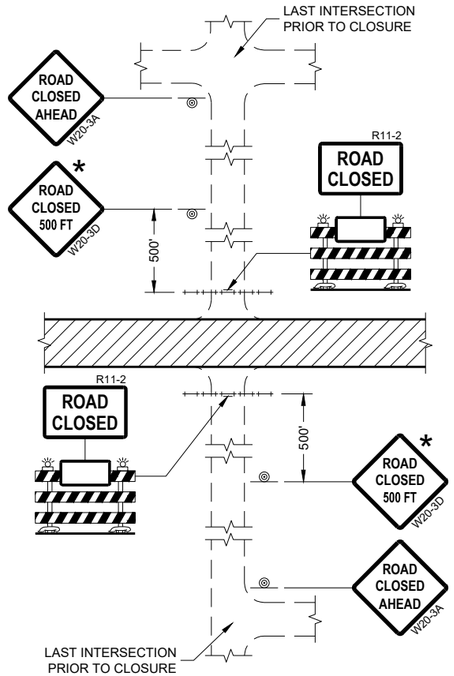
APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

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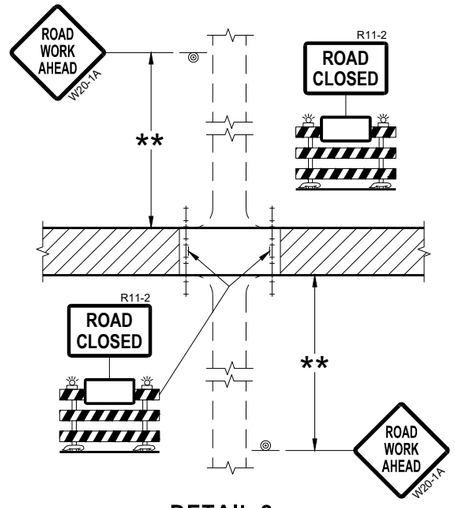
SDD 15C02 - 08b

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SDD 15C02 - 08b



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO 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 (500 FEET DESIRABLE) 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 REESTABLISHED.

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

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

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

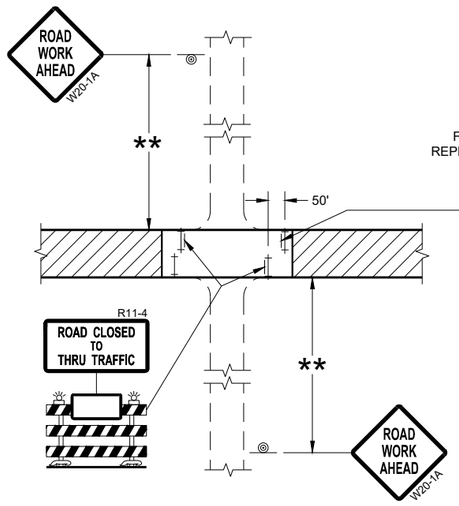
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

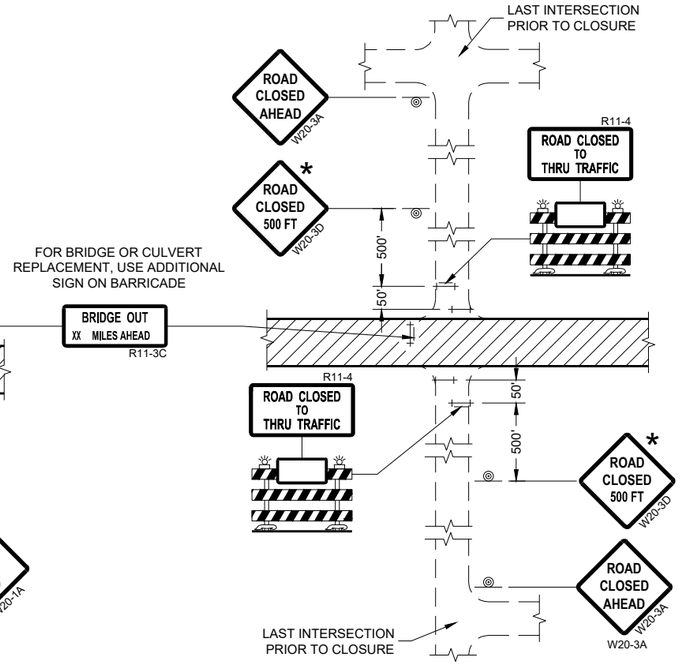
THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

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

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.





DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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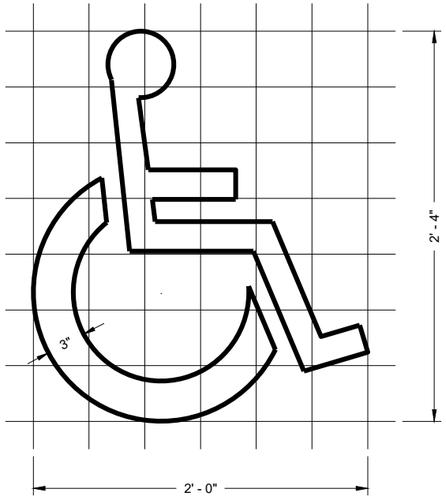
SDD 15C03 - 05

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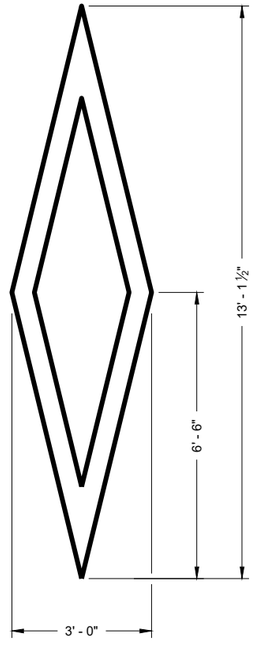
SDD 15C03 - 05

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.



HANDICAP SYMBOL



PREFERENTIAL LANE SYMBOL

6

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SDD 15C07 - 15a

SDD 15C07 - 15a

PAVEMENT MARKING SYMBOLS

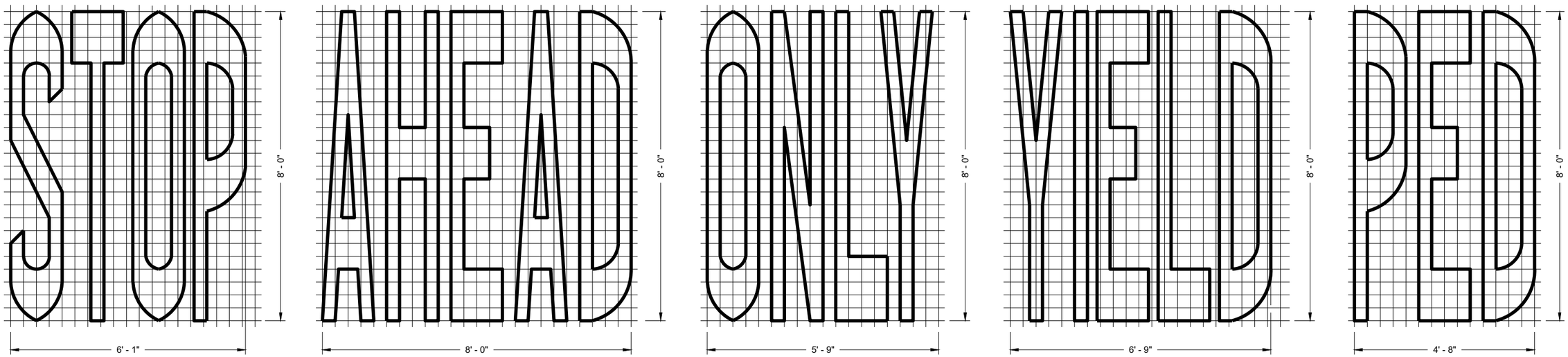
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

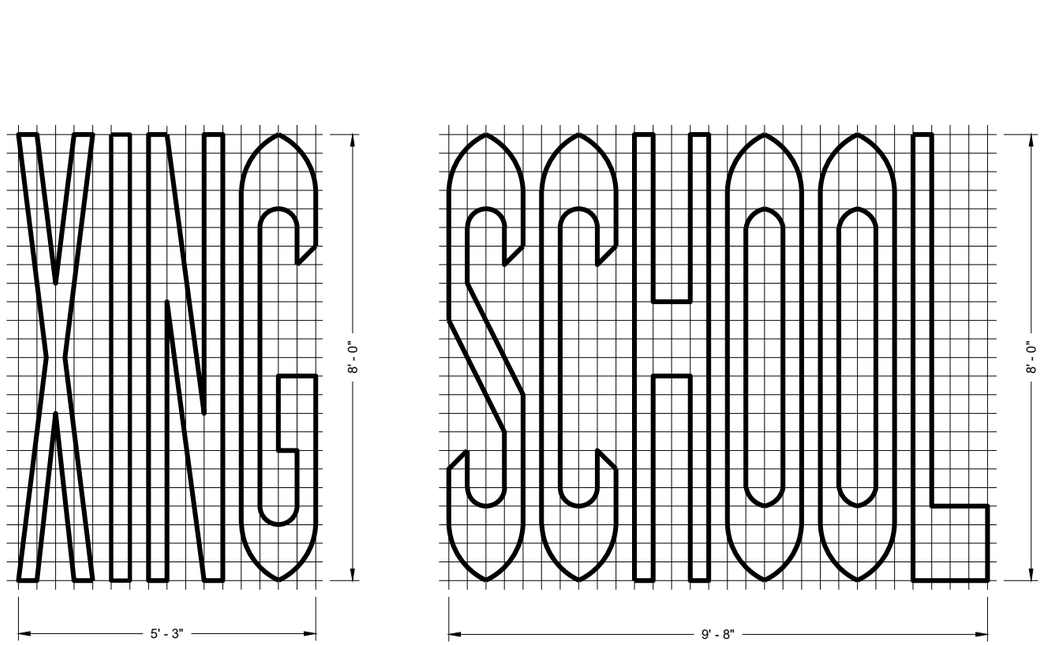
APPROVED

November 2019
DATE

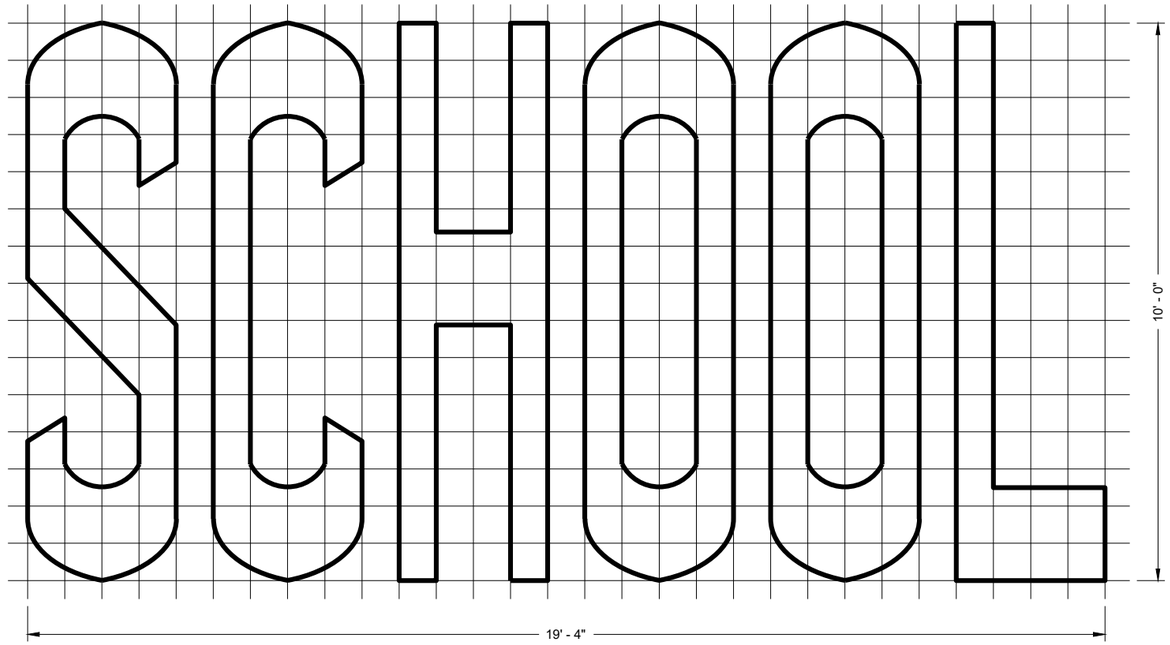
/S/ Matthew Rauch
STATE SIGNING AND MAR ENGINEER

FHWA





SINGLE LANE



TWO - LANE

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.

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

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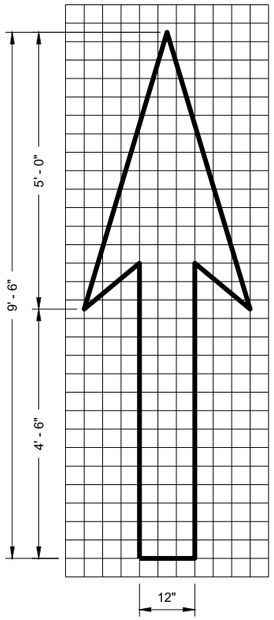
SDD 15C07 - 15b

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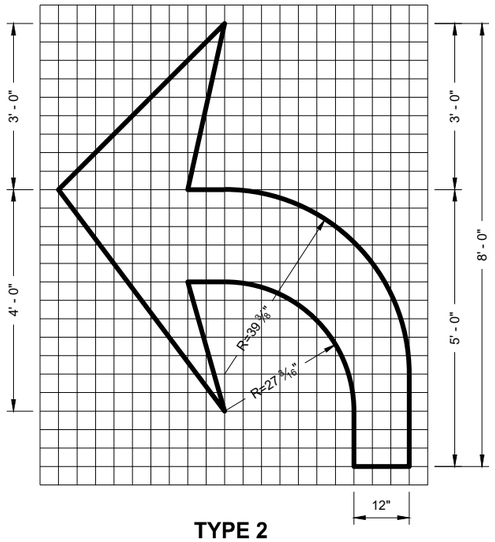
SDD 15C07 - 15b

GENERAL NOTES

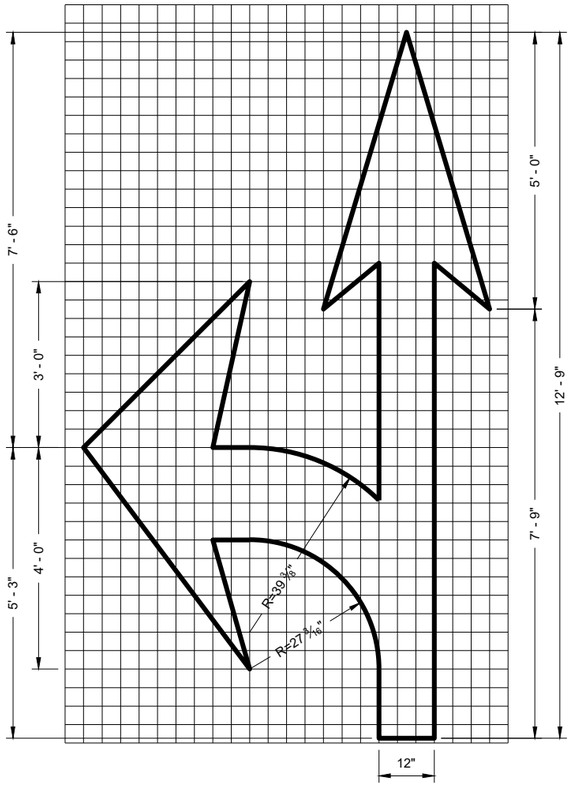
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



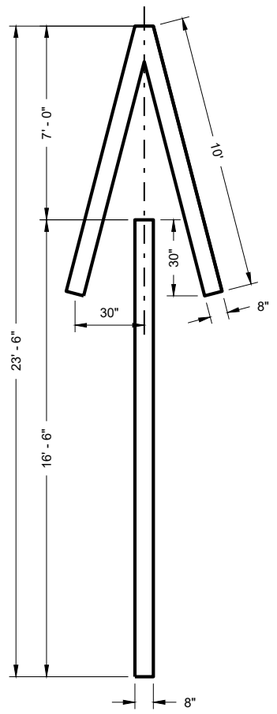
TYPE 1



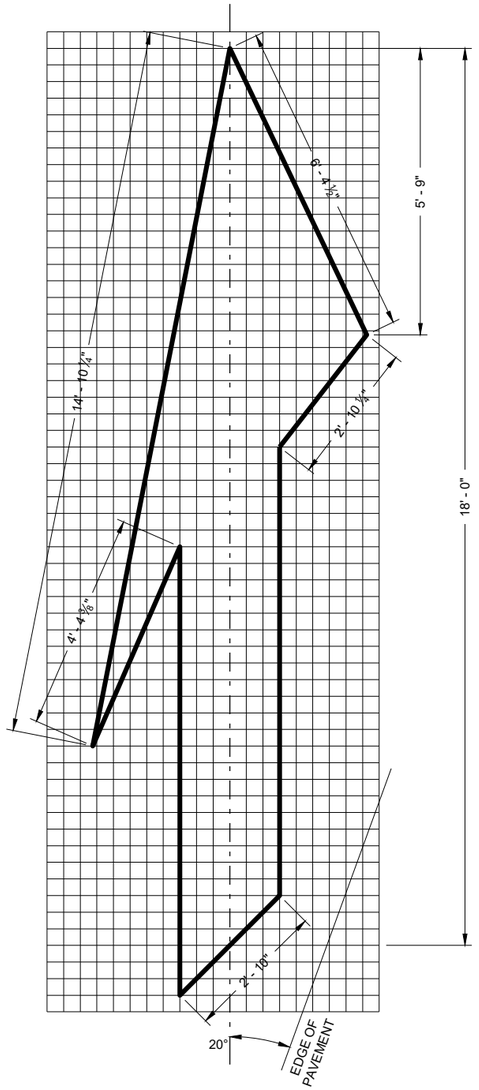
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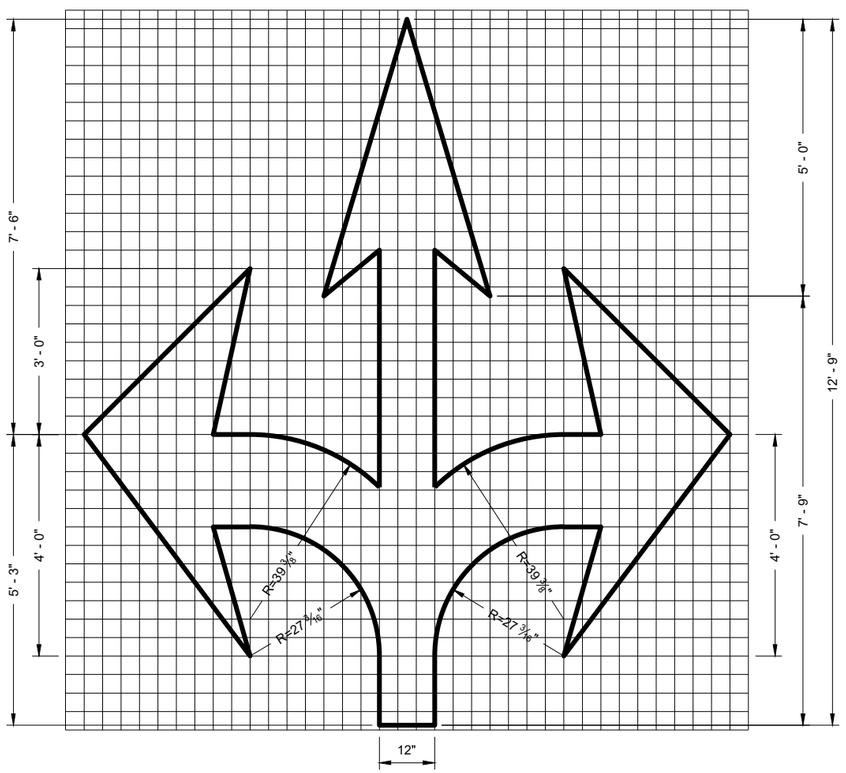
TYPE 3



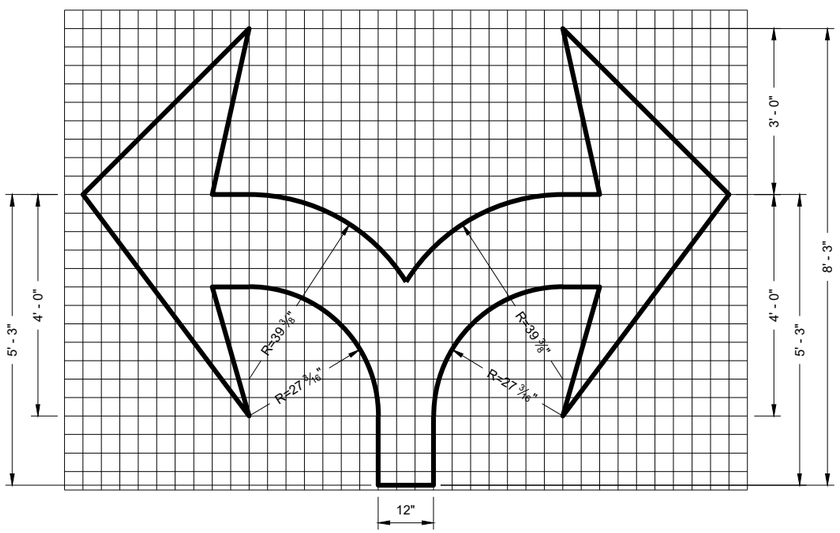
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAF ENGINEER

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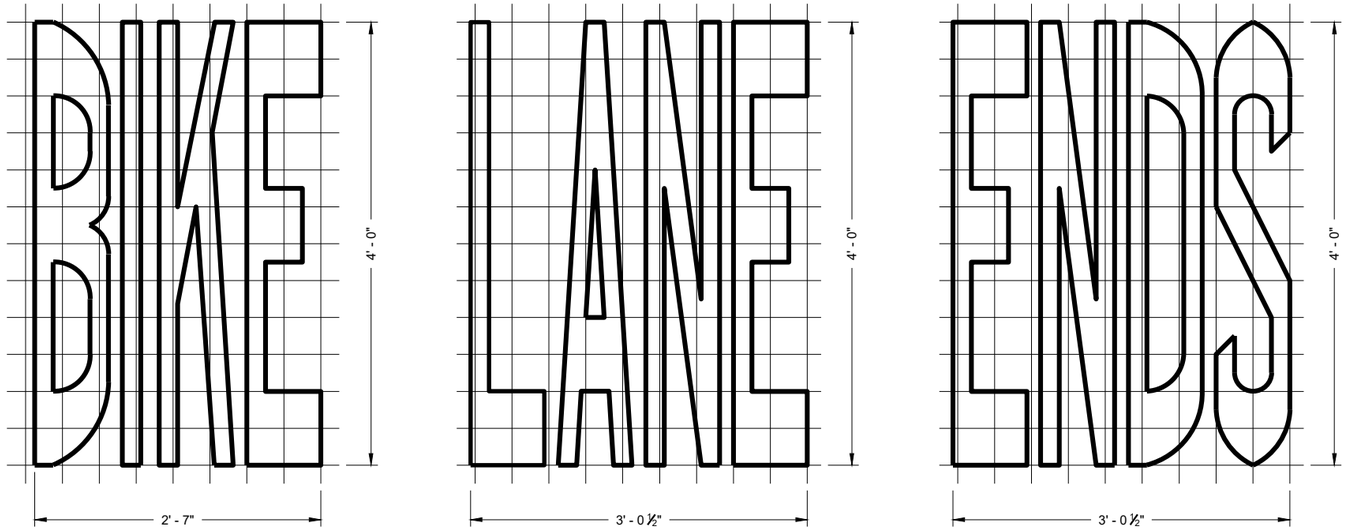
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SDD 15C07 - 15c

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SDD 15C07 - 15c

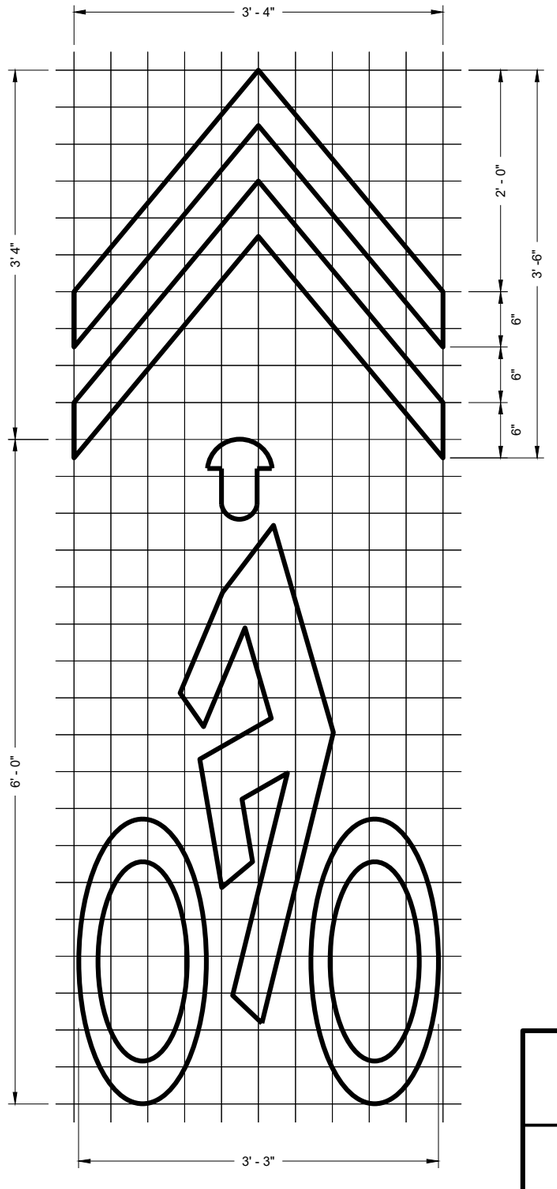
SDD 15C7-e Pavement Marking For Bike Lanes

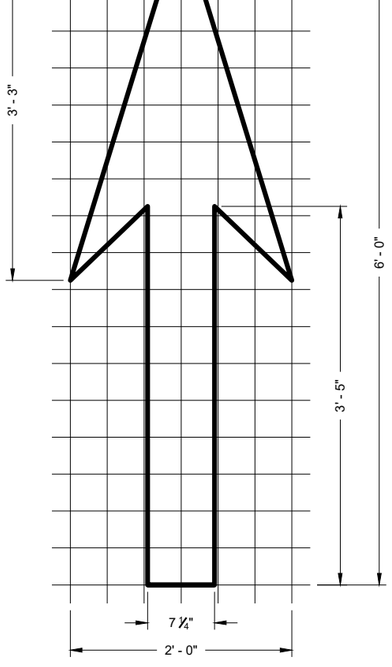


BIKE LANE WORDS

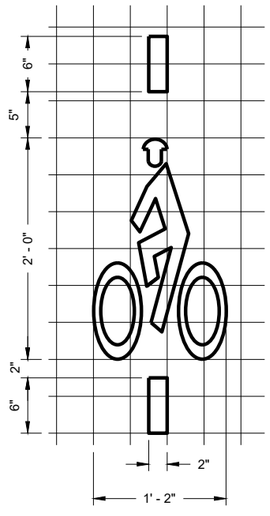
GENERAL NOTES

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.

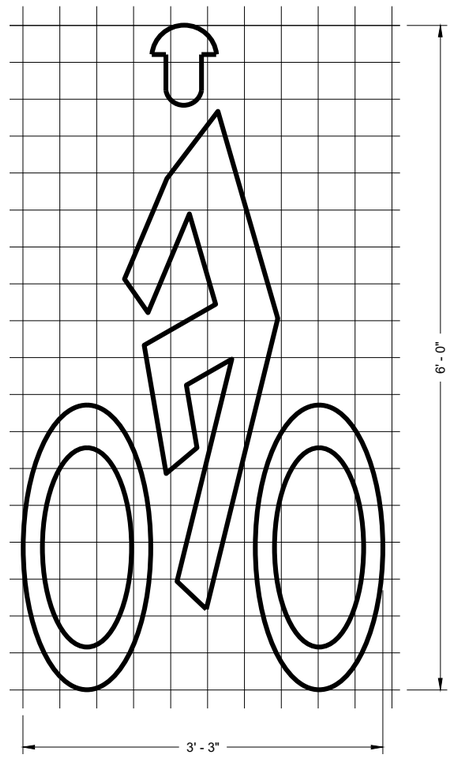




BIKE LANE ARROW



BICYCLE DETECTOR PAVEMENT MARKING



BIKE LANE SYMBOL

BIKE LANE SYMBOL FOR SHARED LANE

PAVEMENT MARKING FOR BIKE LANES

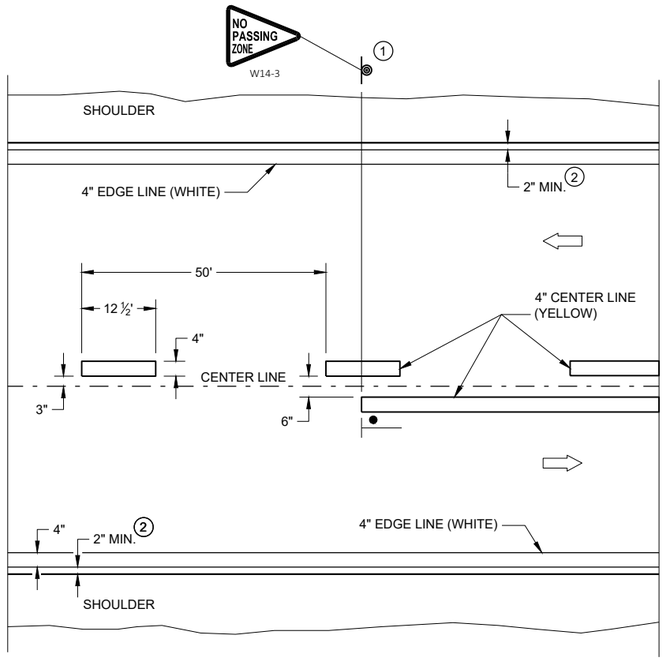
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAF ENGINEER

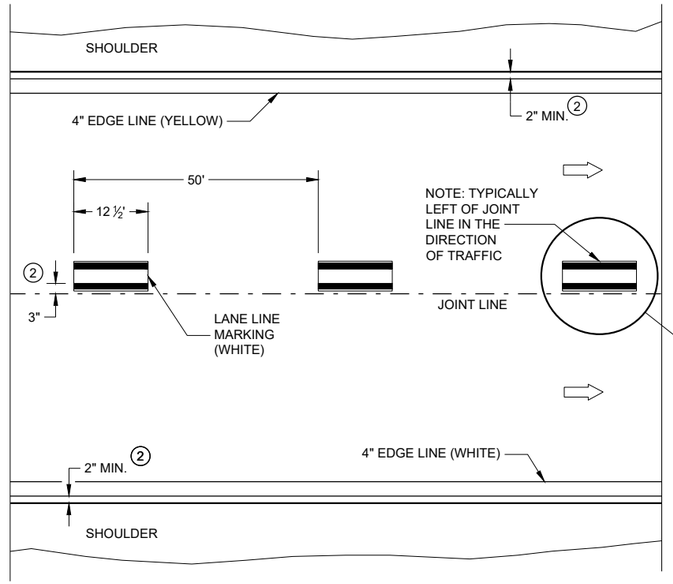
FHWA

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SDD15C07 - 15e

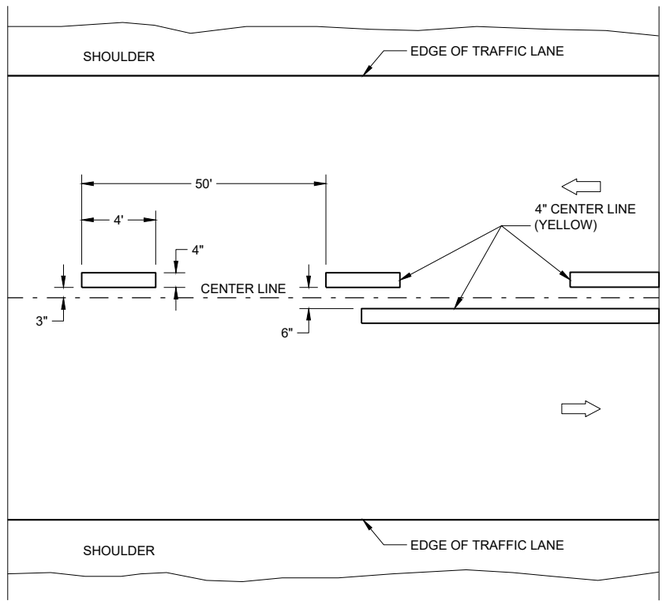


TWO WAY TRAFFIC

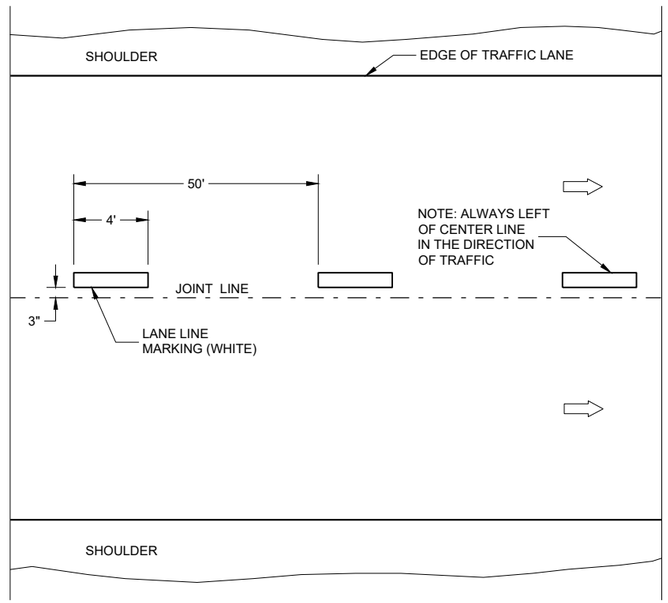


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

GENERAL NOTES

DETAILS OF CONSTRUCTION NO SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

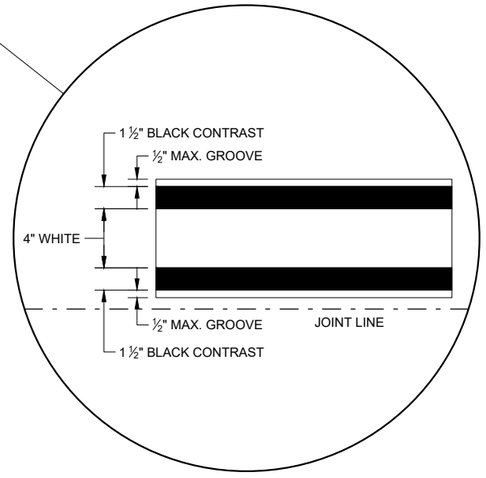
1. LOCATE THE NO PASSING ZONE W14-3 SIGN WITH 50 FEET OF THE "T" MARKING
2. MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



LONGITUDINAL MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

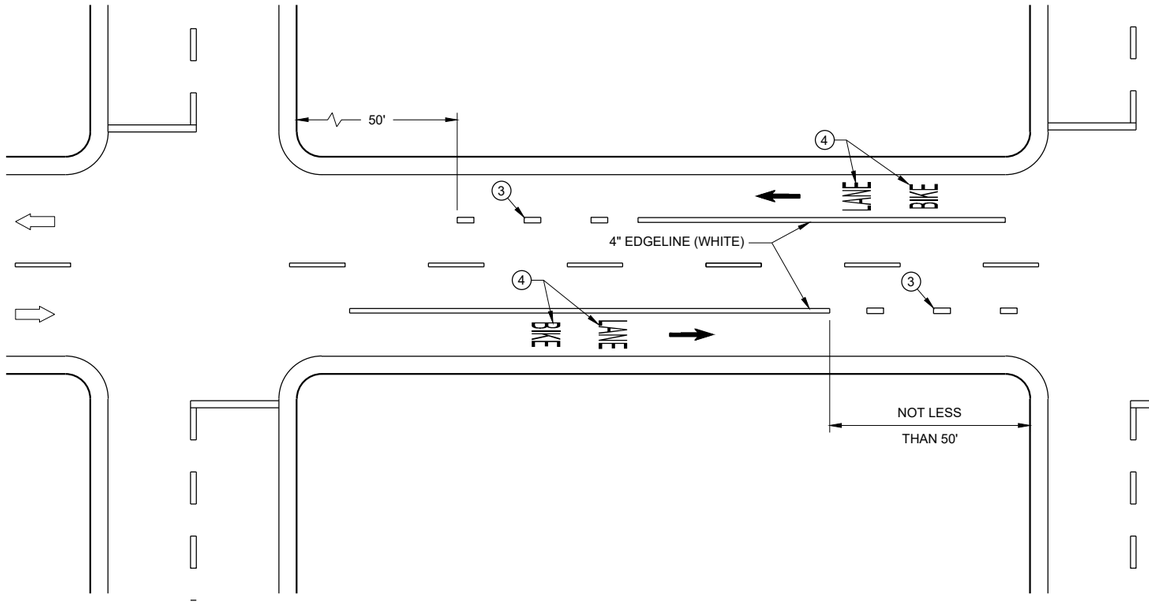
APPROVED
February 2020
DATE

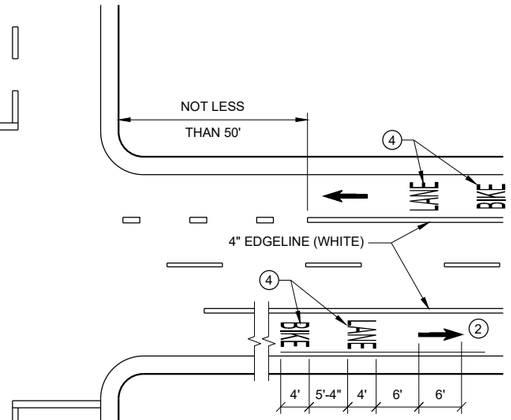
/S/ Matthew Rauch
STATEWIDE SIGNING AND M
ENGINEER

FHWA

SDD 15C08 - 20a

SDD 15C08 - 20a



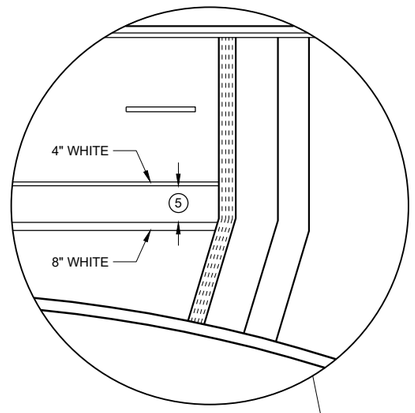


GENERAL NOTES

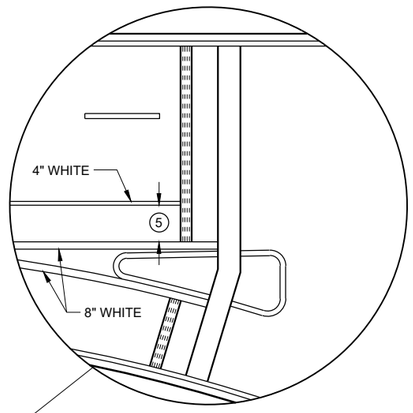
1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. MINIMUM OF ONE PER BLOCK. MAXIMUM OF 250 FEET.
3. DOTTED LINES (3' LINE, 9' GAP) SHOULD BE USED 50 FEET TO 200 FEET IN ADVANCE OF AN INTERSECTION WHERE THERE IS NO RIGHT TURN ONLY LANE AND THERE IS HEAVY RIGHT TURN TRAFFIC OR THERE IS A NEAR-SIDE BUS STOP. AT OTHER INTERSECTIONS WHERE RIGHT TURN TRAFFIC IS LIGHT TO MODERATE, A SOLID LINE CAN BE USED UP TO THE INTERSECTION.
4. BIKE SYMBOLS OR WORDS MAY BE USED.
5. BIKE ACCOMMODATION IS TYPICAL 5 FEET WIDE AND MINIMUM OF 4 FEET FROM A LONGITUDINAL JOINT. USE 5 FEET AT ≥ 45 MPH.
6. OMIT THESE MARKINGS FOR WIDER TURN LANE APPLICATIONS (MINIMUM OF 15 FOOT WIDE TURN LANE).
7. REFER TO CONTRACT PLANS FOR LANE WIDTH.

DIRECTION OF TRAVEL

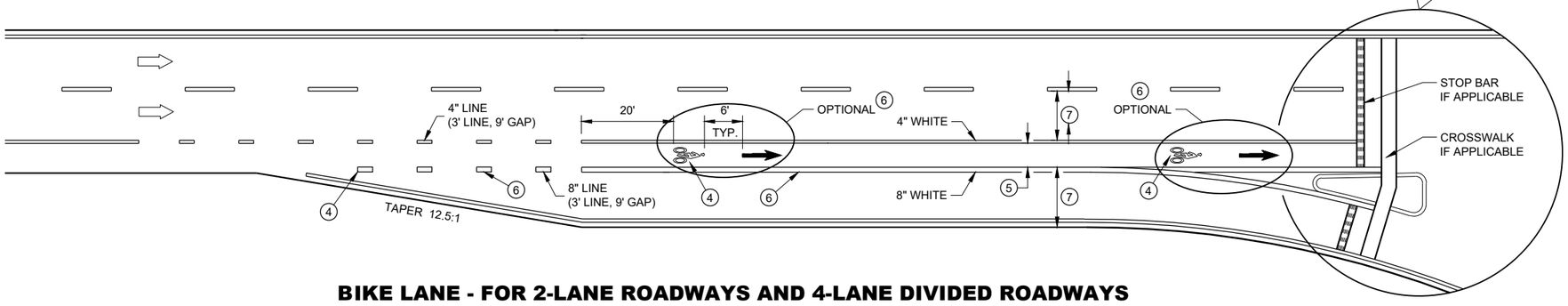
DESIGNATED BIKE LANE - NO PARKING



4 LANE DIVIDED WITHOUT ISLAND



4 LANE DIVIDED WITH ISLAND



BIKE LANE - FOR 2-LANE ROADWAYS AND 4-LANE DIVIDED ROADWAYS
(4-LANE DIVIDED WITH RIGHT TURN LANE SHOWN)

BIKE LANE MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

FHWA

6

SDD 15C29 - 07a

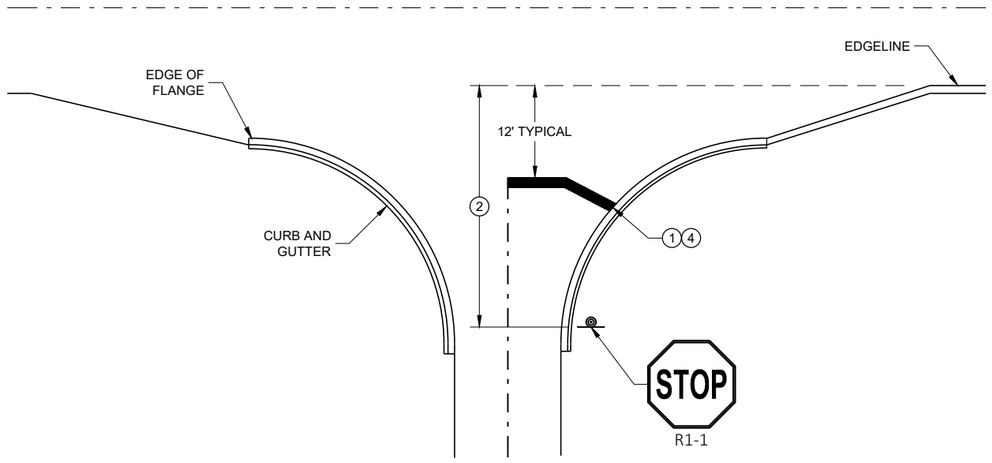
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SDD 15C29 - 07a

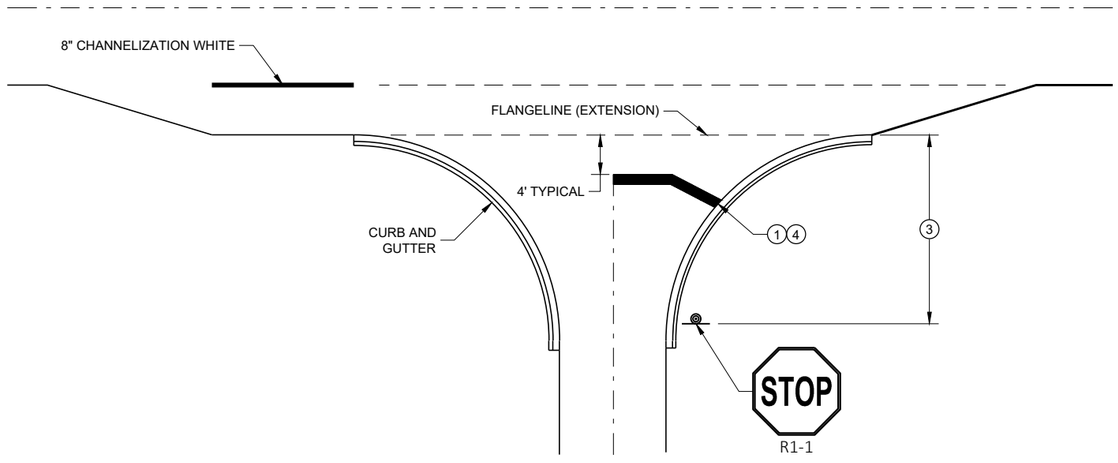
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

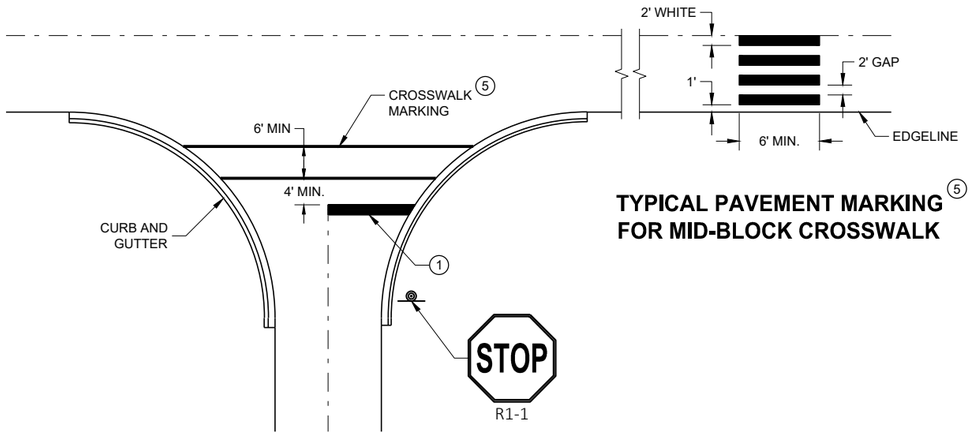
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES INSTEAD.



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

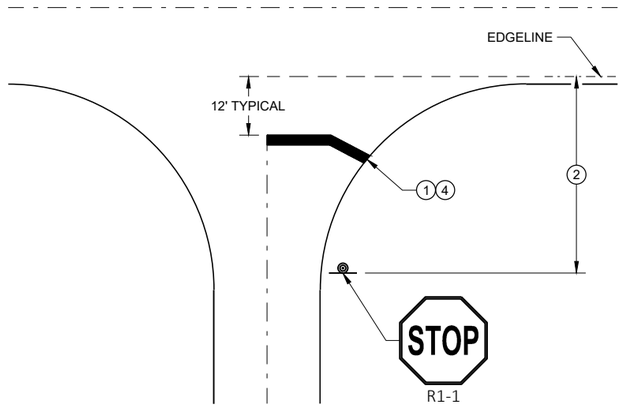


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MARKING ENGINEER

FHWA

6

SDD 15C33 - 04

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD
- WORK AREA

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT SHOULDER. FOR CLOSING THE LEFT SHOULDER, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR DIVIDED ROADWAYS WITH ANY NUMBER OF TRAVEL LANES.

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

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

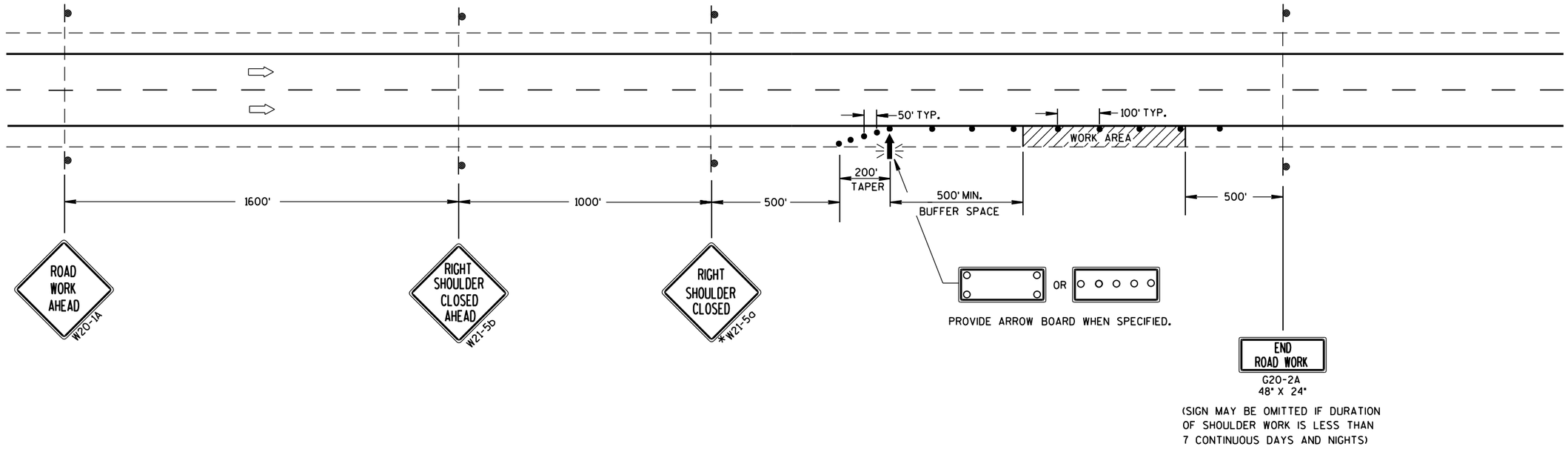
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WHEN A 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.

*FOR SHORT DURATION SHOULDER WORK OF LESS THAN ONE HOUR, THE W21-5a SIGN MAY BE OMITTED.



TRAFFIC CONTROL SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2016 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO[illegible] SAFETY ENGI[illegible]

FHWA

6

S.D.D. 15 D 27-3

LEGEND

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DRUM

DIRECTION OF TRAFFIC

WORK ZONE

GENERAL NOTES

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 THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

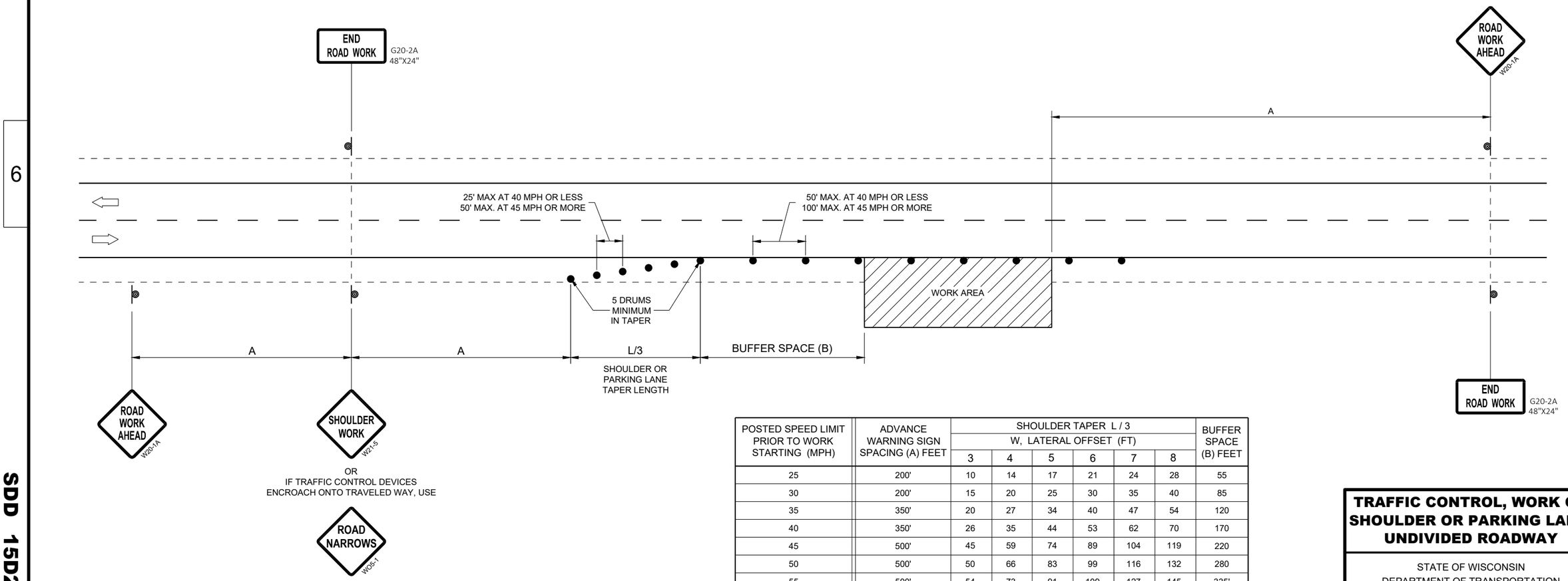
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS 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.

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

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	59	74	89	104	119	220
50	500'	50	66	83	99	116	132	280
55	500'	54	73	91	109	127	145	335'

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

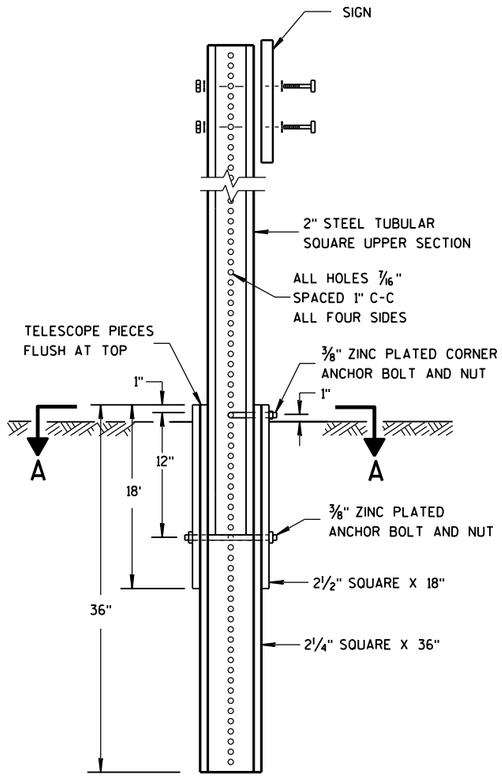
APPROVED
May 2020
DATE

/S/ Andrew Heidtke
STATEWIDE WORK ZONE T SAFETY ENGINEER

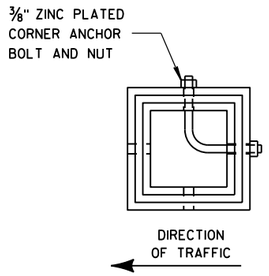
FHWA

SDD 15D28 - 04

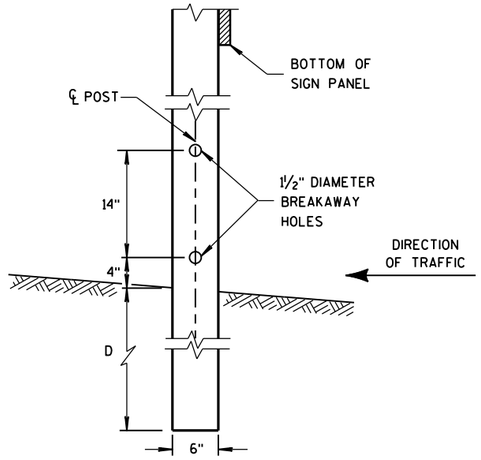
SDD 15D28 - 04



DETAIL OF TUBULAR STEEL SIGN POST



SECTION A-A



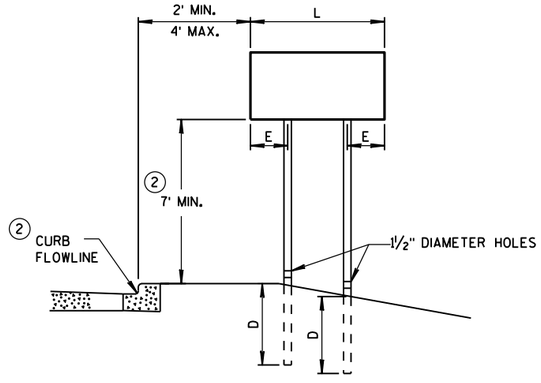
4"x6" WOOD POST MODIFICATION

GENERAL NOTES

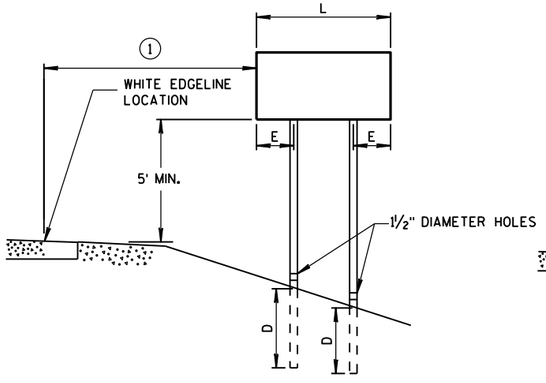
(1) 6 FEET FROM THE EDGE OF PAVEMENT (EDGE LINE LOCATION) UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. LATERAL OFFSET SHOULD BE ADJUSTED TO AVOID THE DITCH FLOWLINE.

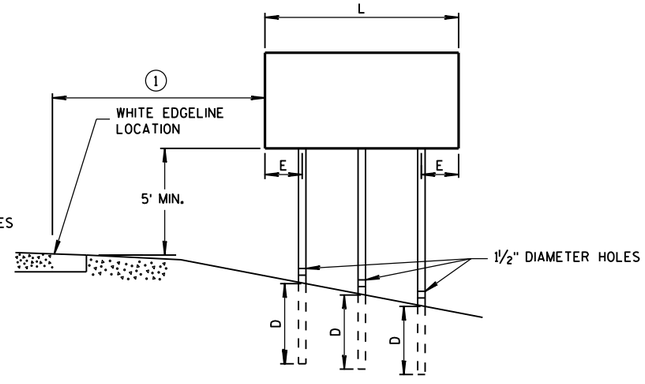
(2) THE EXISTENCE OF CURB AND GUTTER DOES NOT IN ITSELF MANDATE THE VERTICAL CLEARANCE ILLUSTRATED. THAT HEIGHT IS TYPICALLY MEASURED WHERE THERE IS SIDEWALK ADJACENT TO THE ROADWAY OR PARKING IS PERMITTED. IN THE ABSENCE OF SIDEWALK, VERTICAL CLEARANCE IS MEASURED FROM THE TOP OF THE CURB. IF NO SIDEWALK AND NO PARKING, VERTICAL CLEARANCE MAY BE REDUCED TO 5 FOOT MINIMUM. OFFSET OF SIGNS IS MEASURED FROM THE CURB FLOWLINE.

(3) FOR SIGNS REQUIRING 4 POSTS, SPACE INTERMEDIATE POSTS EVENLY.



URBAN AREA





RURAL AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

TUBULAR STEEL POSTS

AREA OF SIGN INSTALLATION (SQ. FT.)	NUMBER OF REQUIRED TUBULAR STEEL POSTS
9 OR LESS	1
GREATER THAN 9 LESS THAN OR EQUAL TO 18	2
GREATER THAN 18 LESS THAN OR EQUAL TO 27	3

SIGNS WIDER THAN 3 FEET OR LARGER THAN 9 SQ. FT. SHALL BE MOUNTED ON MULTIPLE POSTS (SEE ABOVE TABLE).

SIGNS LARGER THAN 27 SQ. FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.

WOOD POST EMBEDMENT DEPTH

AREA OF SIGN INSTALLATION (SQ. FT.)	D (MIN)
20 OR LESS	4'
GREATER THAN 20	5'

4" X 6" WOOD POST

POST SPACING REQUIREMENTS		NUMBER OF WOOD POSTS REQUIRED
L	E	
48" OR LESS AND LESS THAN 20 SQ. FT.	-	1
LESS THAN 60"	12"	2
60" TO 120"	L/5	2
GREATER THAN 120" LESS THAN 168"	12"	3
168" AND GREATER	12"	4

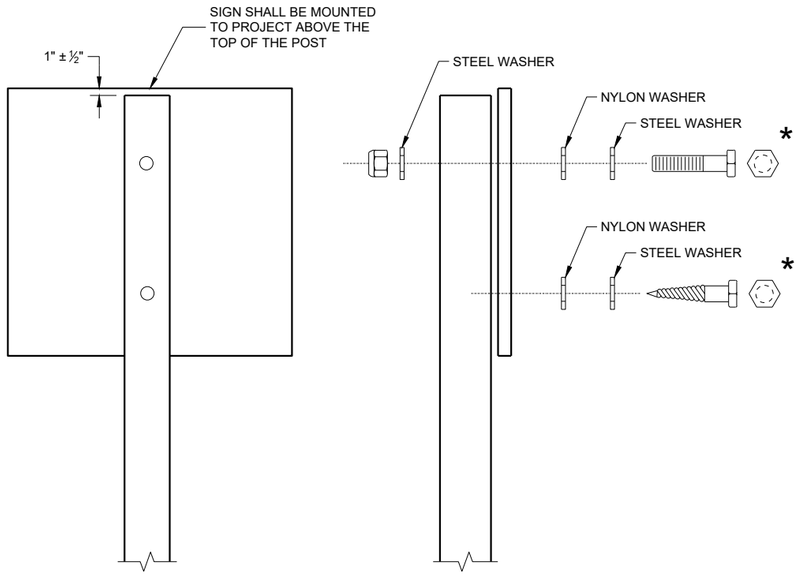
SEE NOTE (3)

TEMPORARY TRAFFIC CONTROL SIGN MOUNTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 15 D 38-2a



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 POST (4" x 6")
LAG SCREWS - ⅜" x 3"
MACHINE BOLTS - 5/16" x 6 ½" OR 7" LENGTH W/NUTS

SQUARE STEEL POST (2" x 2")
MACHINE BOLTS - ⅜" x 3 ¼" LENGTH W/NUTS
RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE 0.720 - 0.765 INCH, GRIP RANGE 0.042 - 0.375 INCH

WASHERS (ALL POSTS) -
1 ¼" O.D. x ⅜" I.D. x 1/16" STEEL
1 ¼" O.D. x ⅜" I.D. x 0.080 NYLON

* TWO DIFFERENT FASTENING SYSTEMS ARE SHOWN FOR ILLUSTRATION PURPOSES. ON ANY INDIVIDUAL SIGN, EITHER ONE OR THE OTHER SYSTEM SHALL BE USED. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER THAN 9 SQ. FT. REQUIRE THE USE OF 3 FASTENERS.

6

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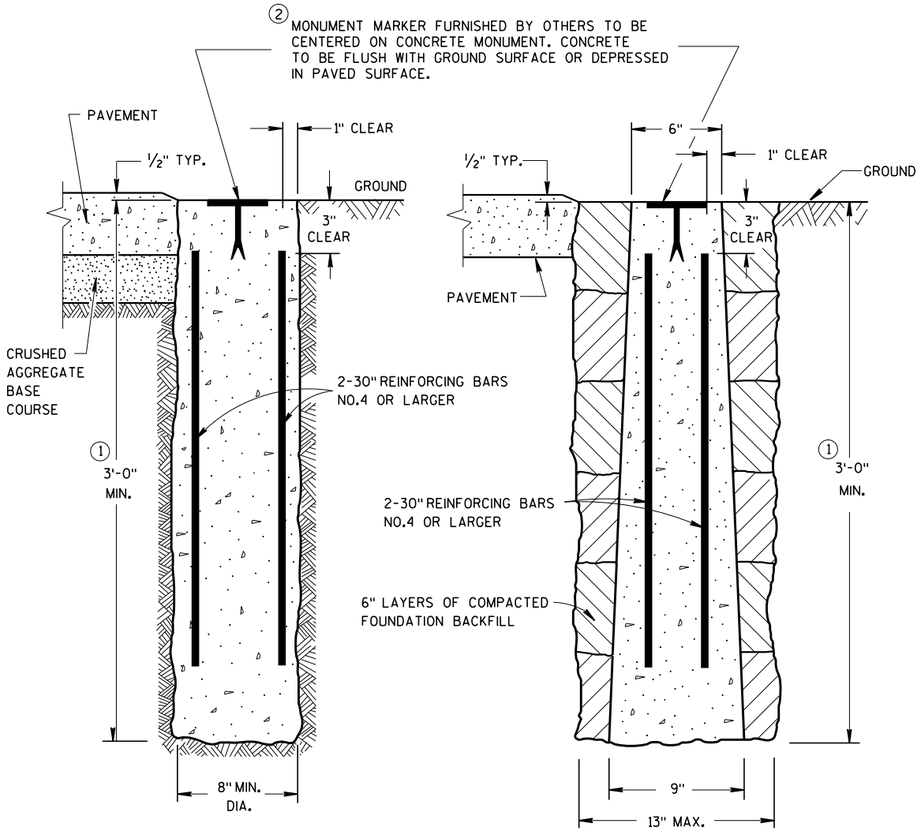
SDD 15D38 - 02b

SDD15D38 - 02b

ATTACHMENT OF SIGNS TO POSTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

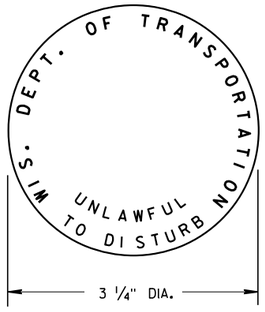


CAST-IN-PLACE

PRECAST

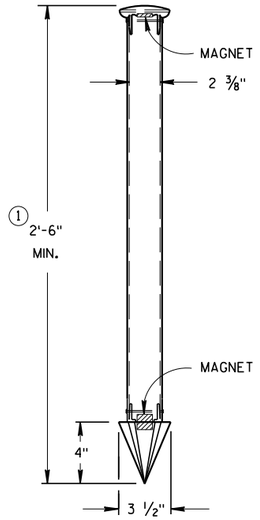
CONCRETE MONUMENTS

TYPE A



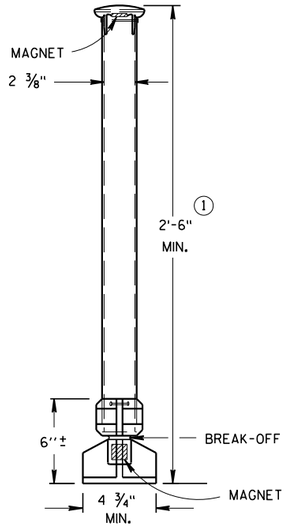
② **WIS DOT MONUMENT MARKER LOGO**

FOR TYPES "A", "C", & "D"



TYPE C

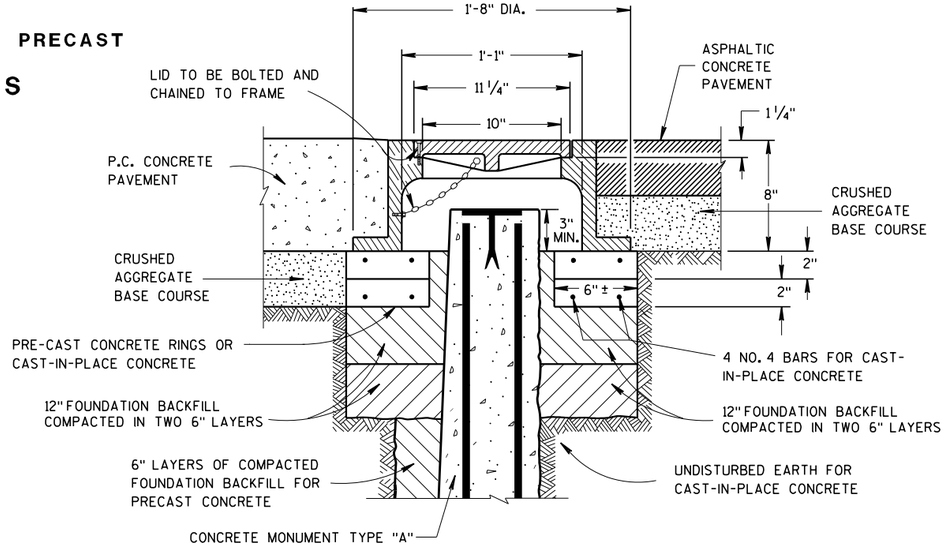
DRIVE-IN MONUMENT



TYPE D
NON-DRIVEN
BREAK-OFF MONUMENT

ALUMINUM MONUMENTS

(INCLUDES MARKER)



CAST IRON MONUMENT COVER

(APPROXIMATE WEIGHT 95 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.

DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

PERMANENT MAGNETS SHALL BE INSERTED NEAR THE TOP AND BOTTOM OF ALL ALUMINUM MONUMENTS SO THE MONUMENT CAN EASILY BE DETECTED BY A METAL DETECTOR.

THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.

MONUMENTS SHALL BE LOCATED AND PLACED AT THE DIRECTION OF THE ENGINEER.

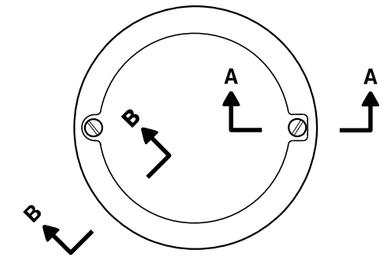
ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.

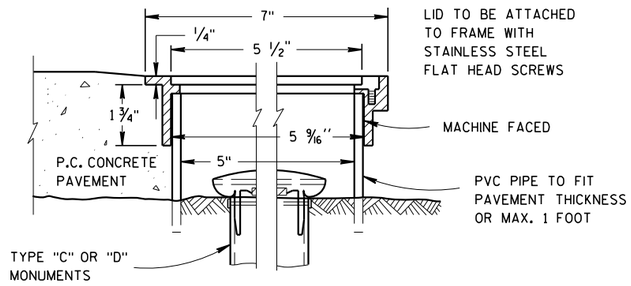
MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER

① MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.

② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WIS DOT MARKER.



TOP VIEW



SECTION B-B SECTION A-A

ALUMINUM MONUMENT COVER

(APPROXIMATE WEIGHT 2 LBS)
(FOR CONCRETE PAVEMENT ONLY)

LANDMARK REFERENCE MONUMENTS AND COVERS

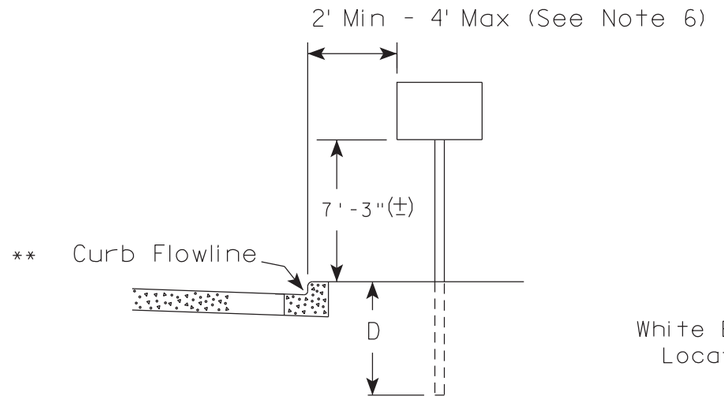
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Raymond A. [illegible] — CHIEF SURVEYING AND MAPPING ENGINEER
FHWA

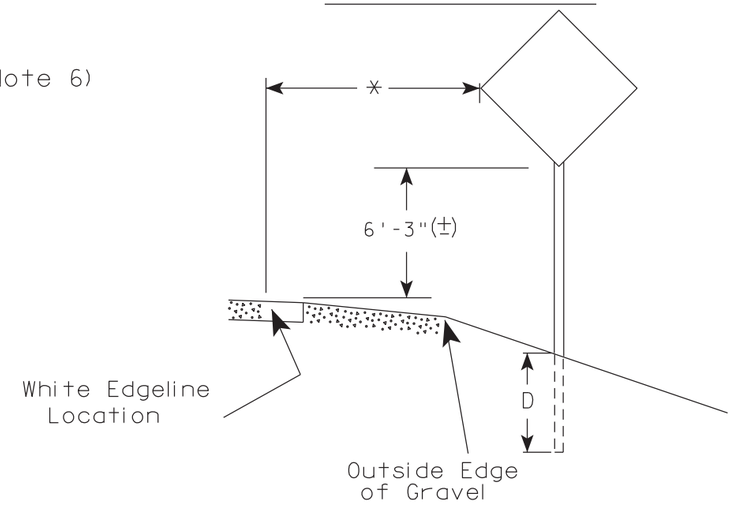
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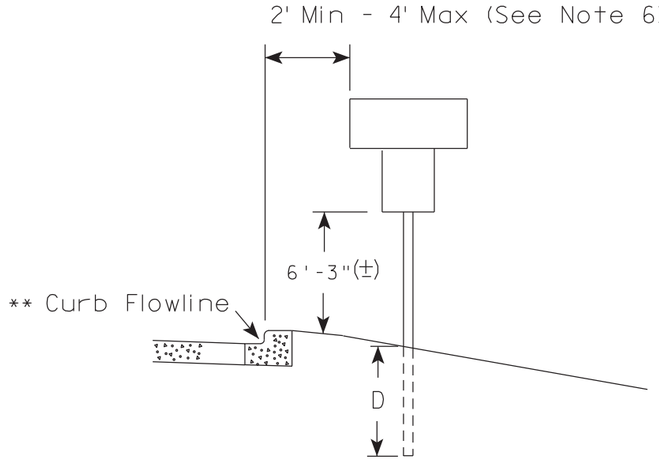
S.D.D. 16 A 1-7

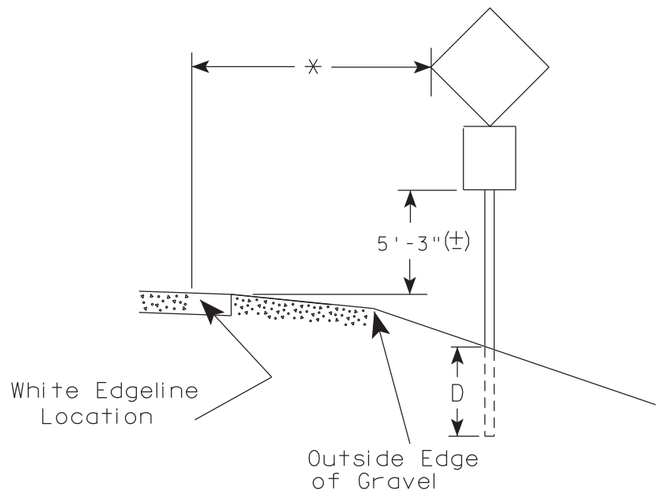
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq.Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).
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 signs mounted on traffic signal poles is 5'- 3" (±).
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. The (±) tolerance for mounting height is 3 inches.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.

TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

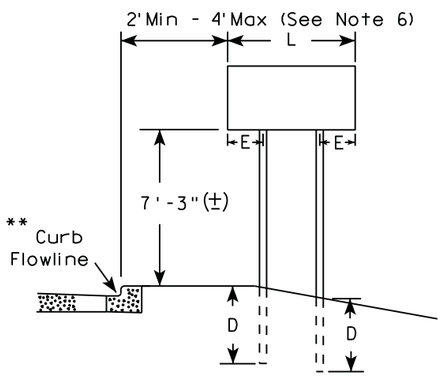
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

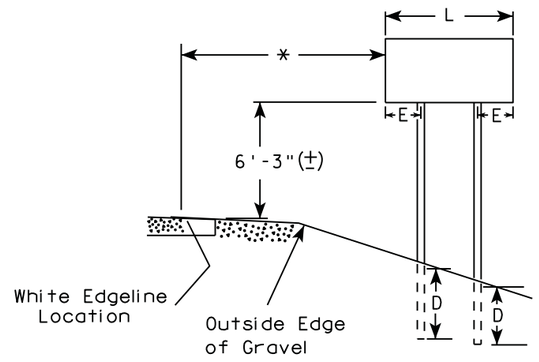
DATE 5/13/2020 PLATE NO. A4-3.22

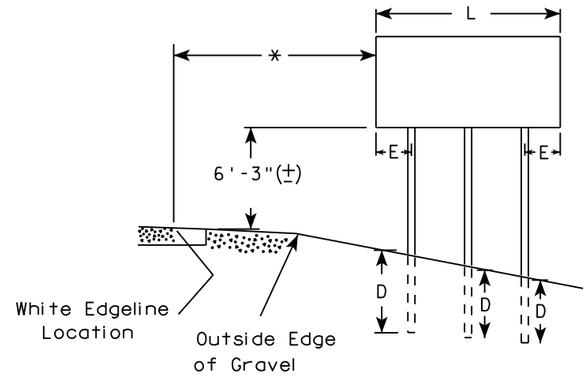
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 243	E

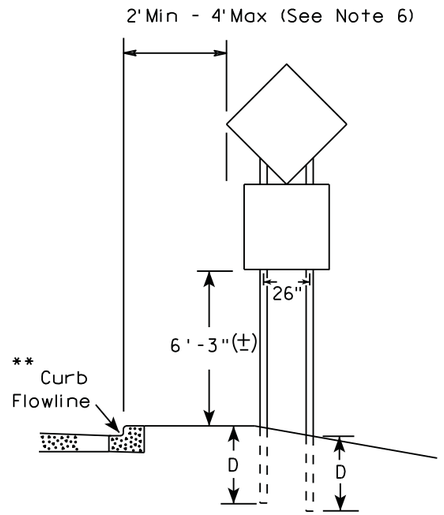
URBAN AREA



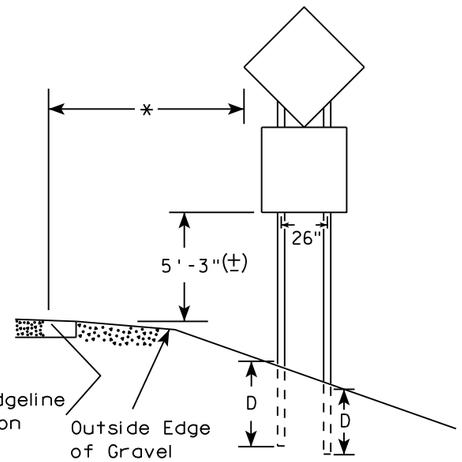
RURAL AREA (See Note 3)







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 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

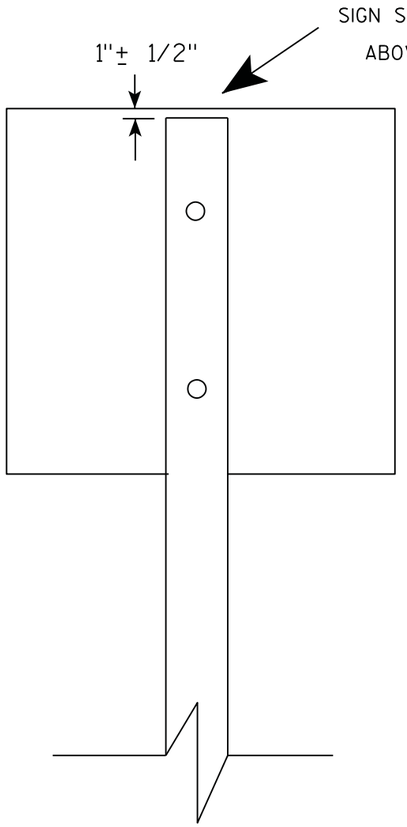
Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

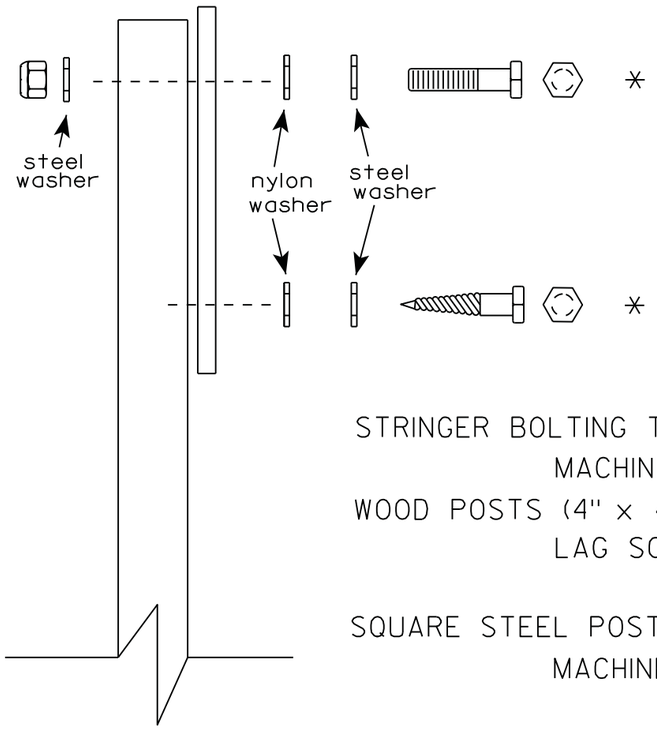
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15





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.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 4" or 4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)

3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)

3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

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

* 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

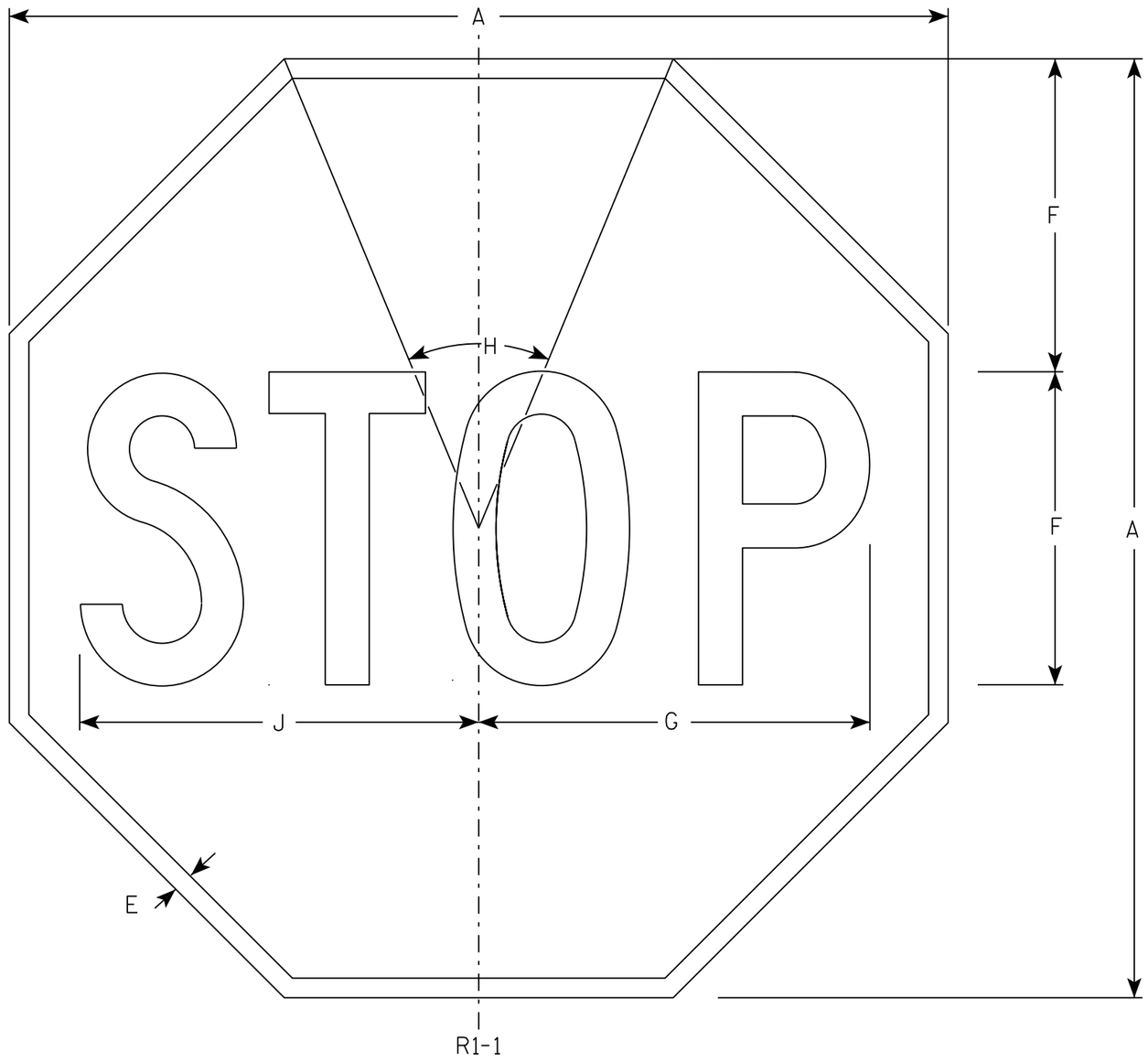
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/11/16 PLATE NO. A4-8.8

PROJECT NO: 4657-25-01	SPENCER STREET	OUTAGAMIE		SHEET NO: 245	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 11-AUG-2016 11:35 PLOT BY : ** platuser **



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	30				5/8	10	12 1/2	45°		12 3/4																	5.18
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

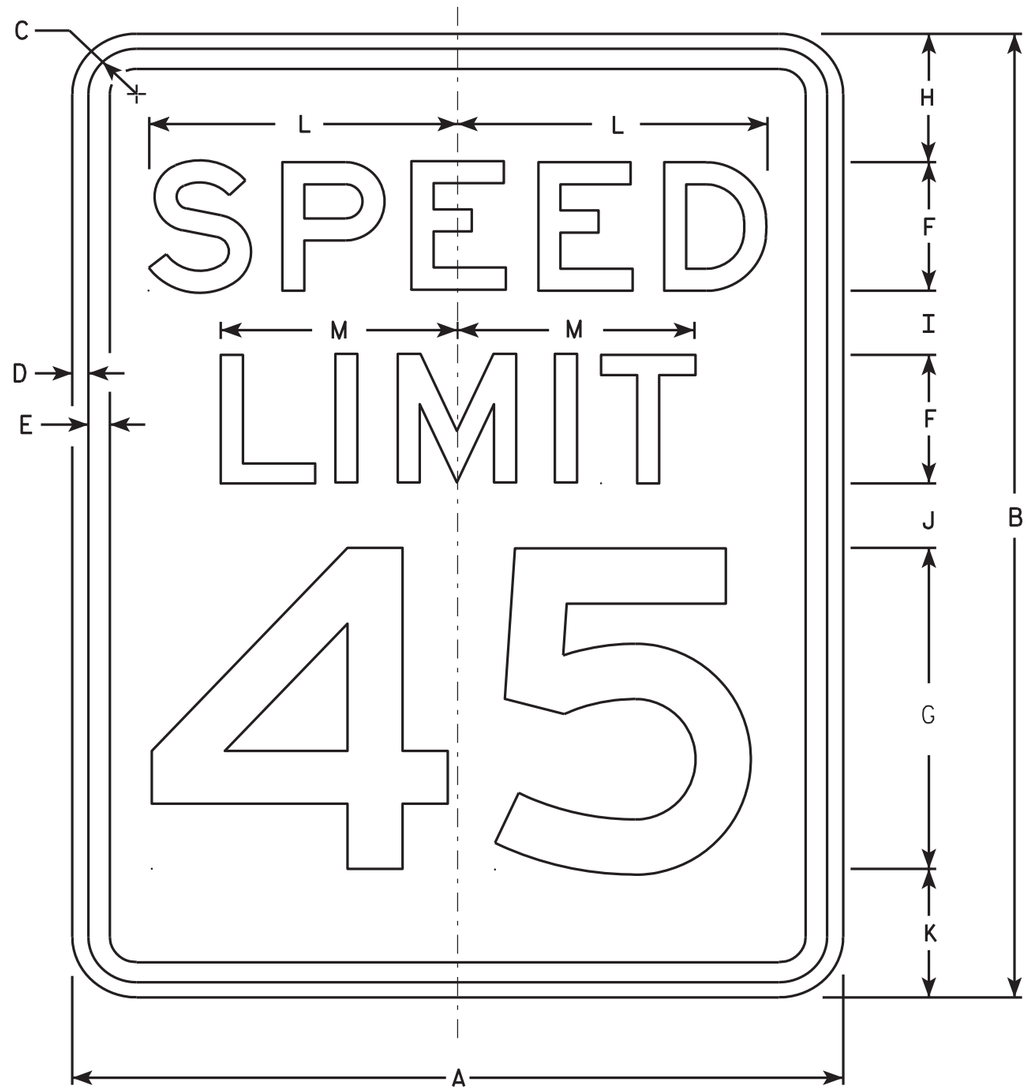
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

PROJECT NO: 4657-25-01	HWY: SPENCER STREET	COUNTY: OUTAGAMIE		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

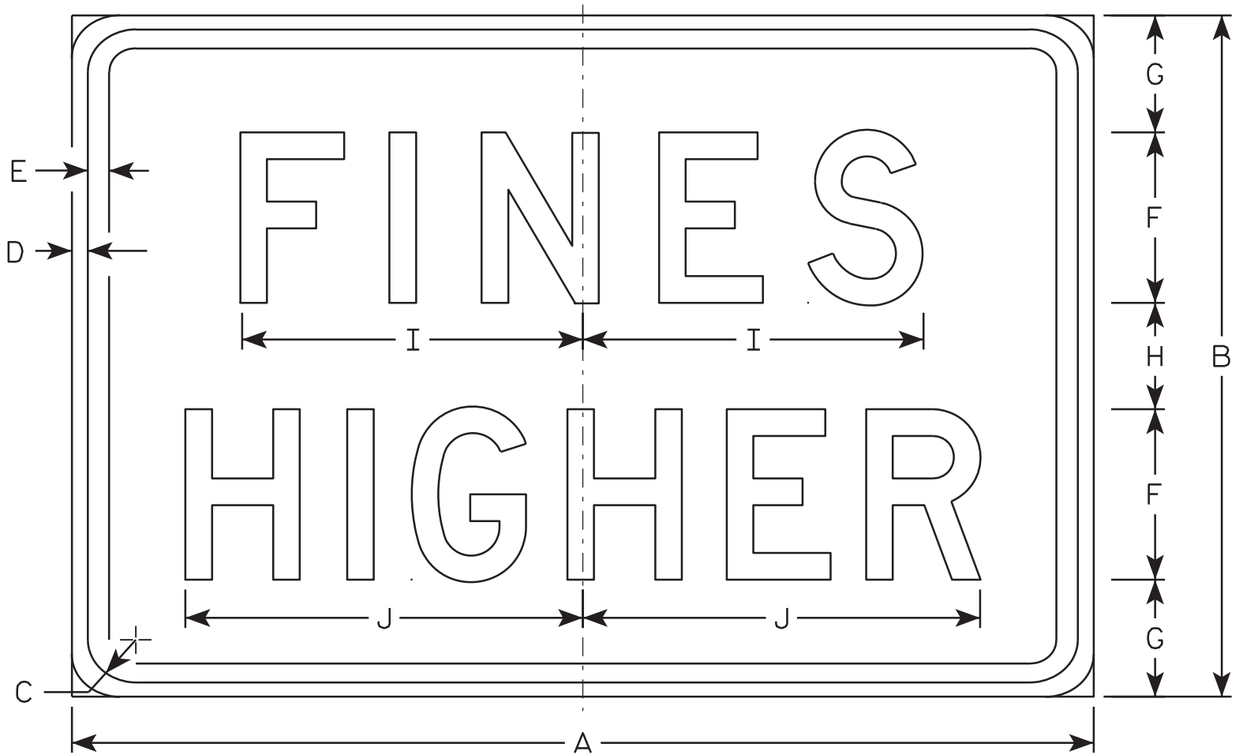
WISCONSIN DEPT OF TRANSPORTATION

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

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R21.DGN PLOT DATE : 28-MAY-2010 08:32 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 4.717577:1.000000
WISDOT/CADDS SHEET 42



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

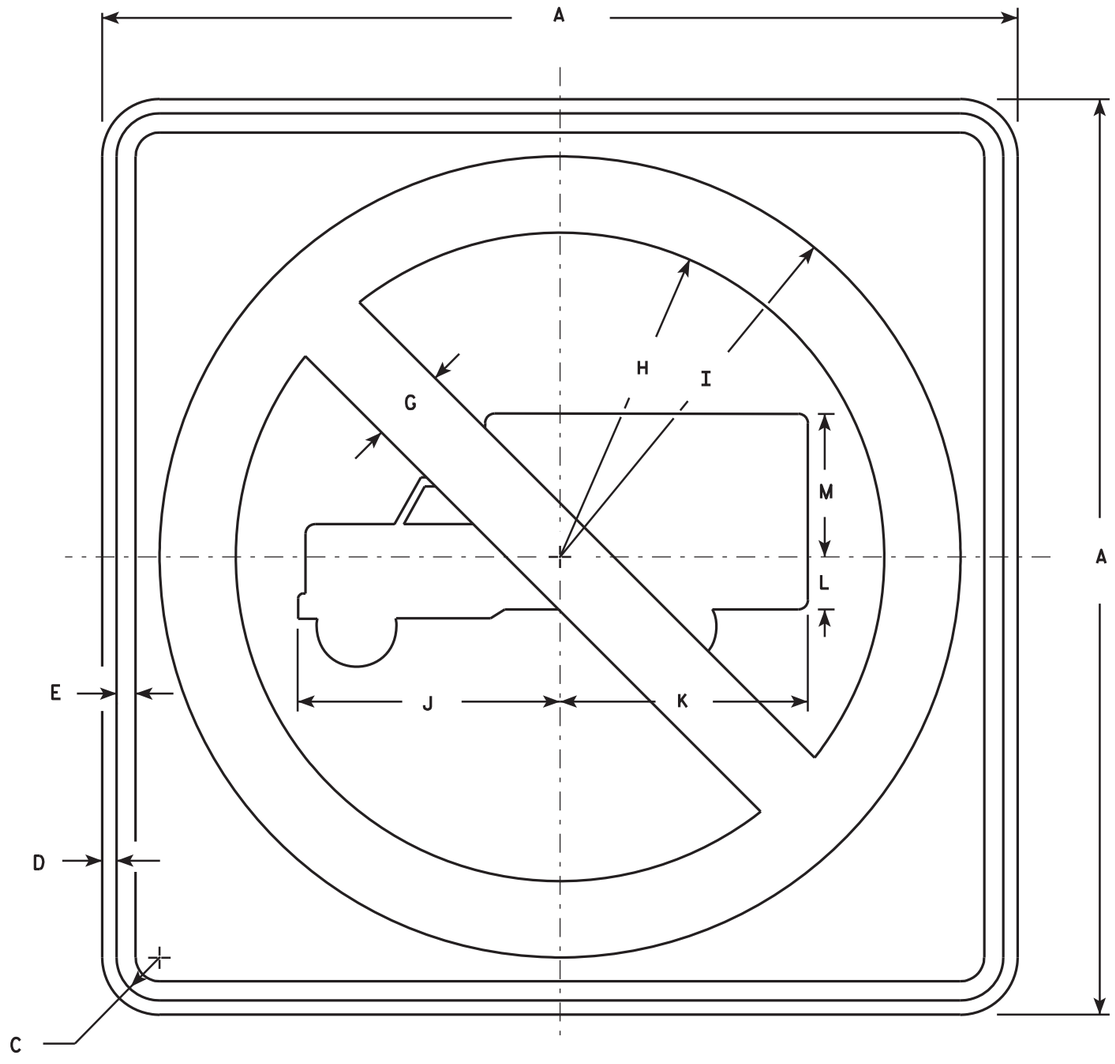
STANDARD SIGN
R2-6P

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



R5-2

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 4
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. Circle & Diagonal - Reflective red.
   Truck Symbol & Border - Non-reflective black.

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	3/8	1/2		2	8 1/2	10 1/2	6 7/8	6 1/2	1 3/8	3 3/4														4.0
2M	24		1 1/8	3/8	1/2		2	8 1/2	10 1/2	6 7/8	6 1/2	1 3/8	3 3/4														4.0
3	30		1 3/8	1/2	5/8		2 1/2	10 5/8	13 1/8	8 1/2	8 1/8	1 5/8	4 3/4														6.25
4	36		1 5/8	5/8	3/4		3	12 3/4	15 3/4	10 1/4	9 3/4	2	5 3/4														9.0
5	48		2 1/4	3/4	1		4	17	21	13 5/8	13	2 5/8	7 5/8														16.0

STANDARD SIGN
R5-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2011 PLATE NO. R5-2.6

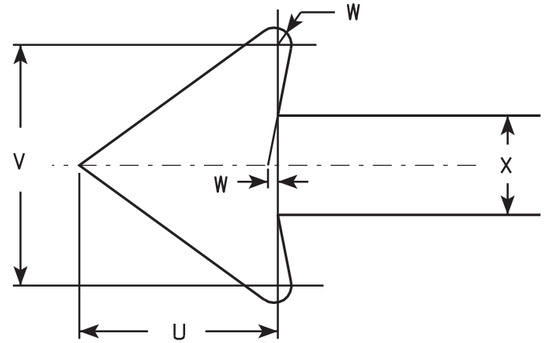
PROJECT NO: 4657-25-01 | HWY: SPENCER STREET | COUNTY: OUTAGAMIE | SHEET NO: 249 | E



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																											

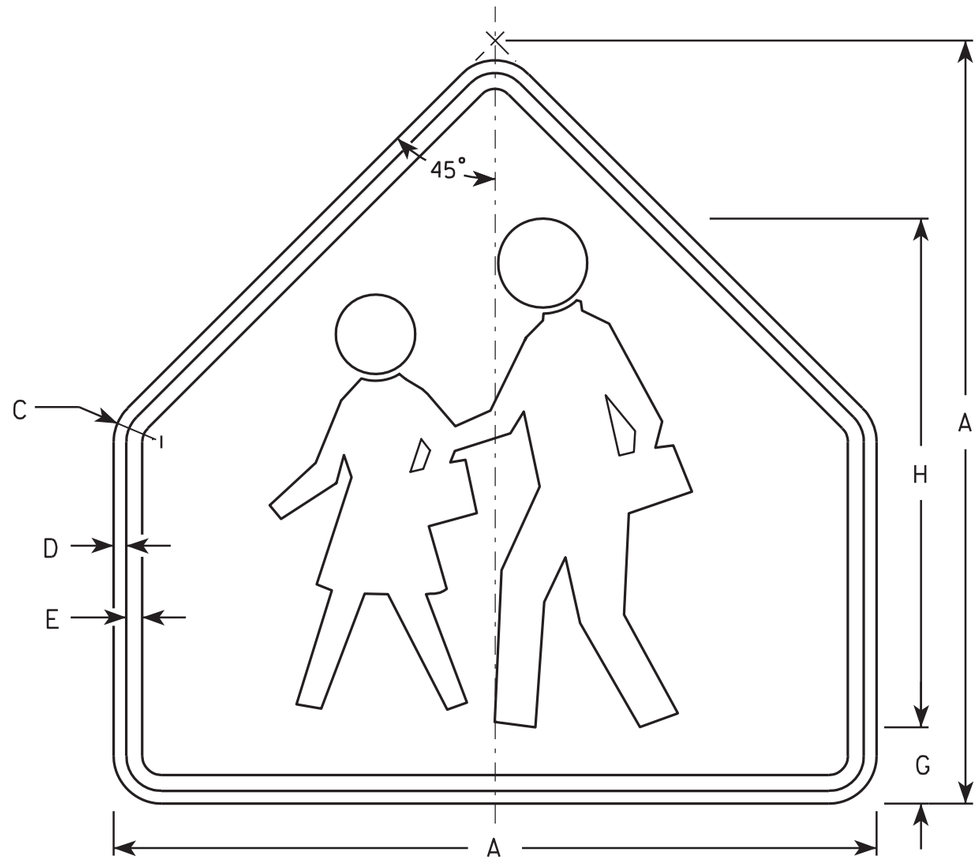
STANDARD SIGN
R7-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R7-1.9

PROJECT NO: 4657-25-01	HWY: SPENCER STREET	COUNTY: OUTAGAMIE		SHEET 250	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																											

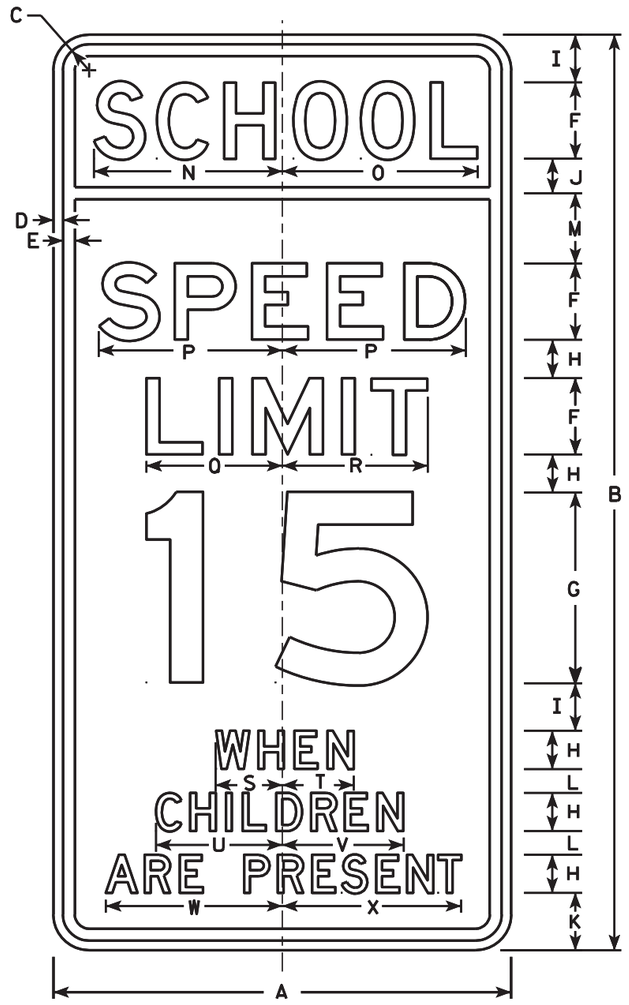
STANDARD SIGN
S1-1

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: 251	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																												

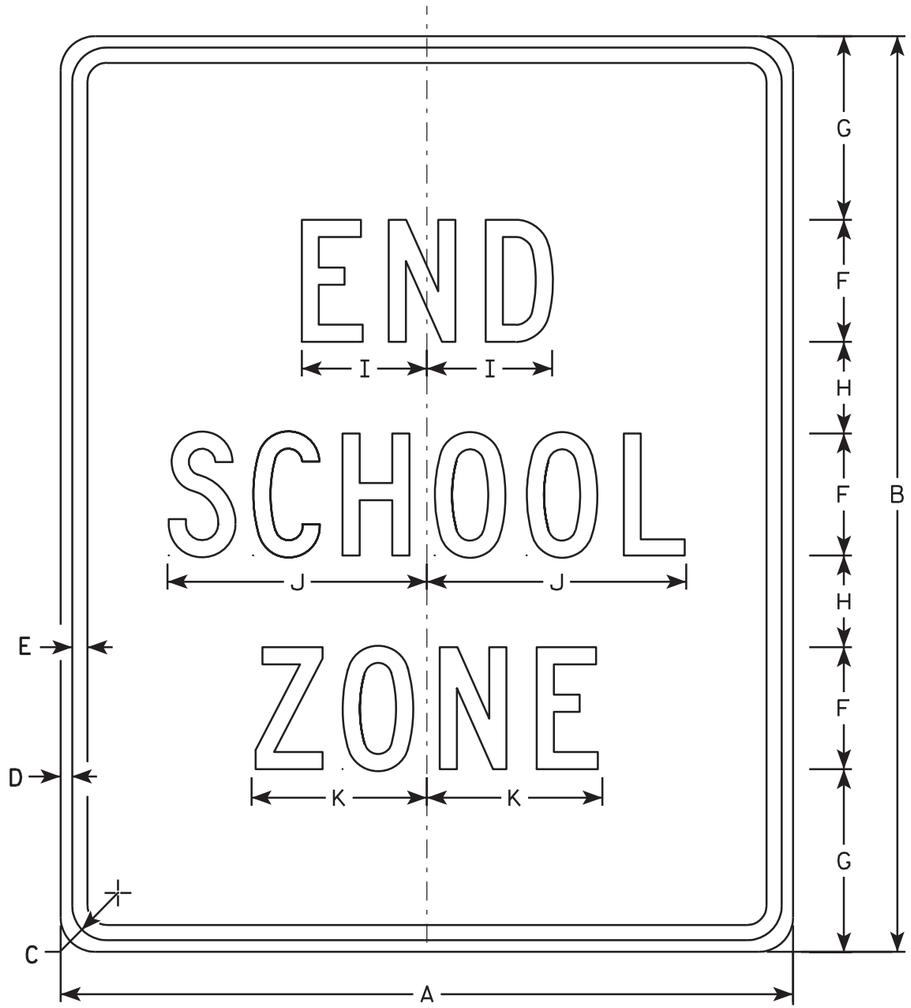
STANDARD SIGN
S4-51

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: 252 | 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																											

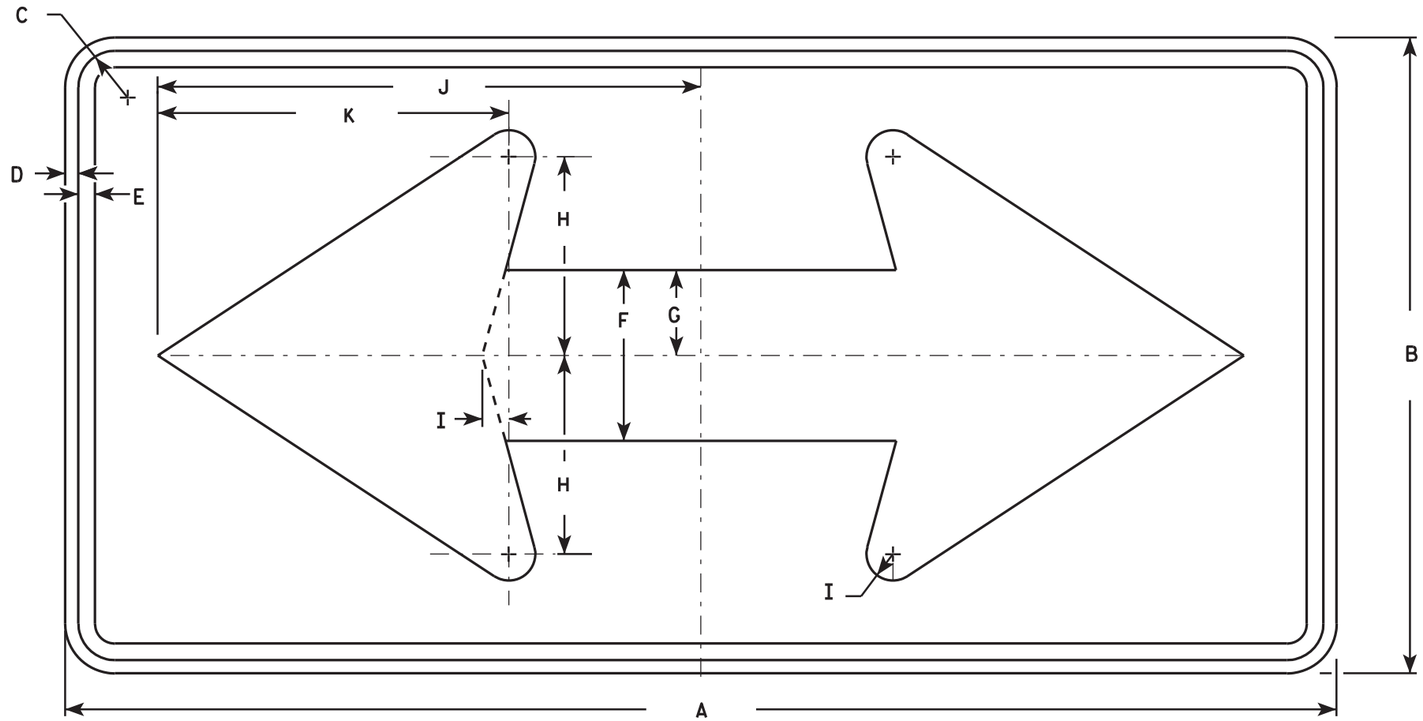
STANDARD SIGN
S5-2

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: 253 | E



W1-7

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/8	3/8	1/2	5	2 1/2	5 3/4	3/4	15 5/8	10 1/8																4.5
2S	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
2M	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
3	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
4	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
5	96	48	2 1/4	3/4	1	13	6 1/2	15	2	41	26 1/2																32.0

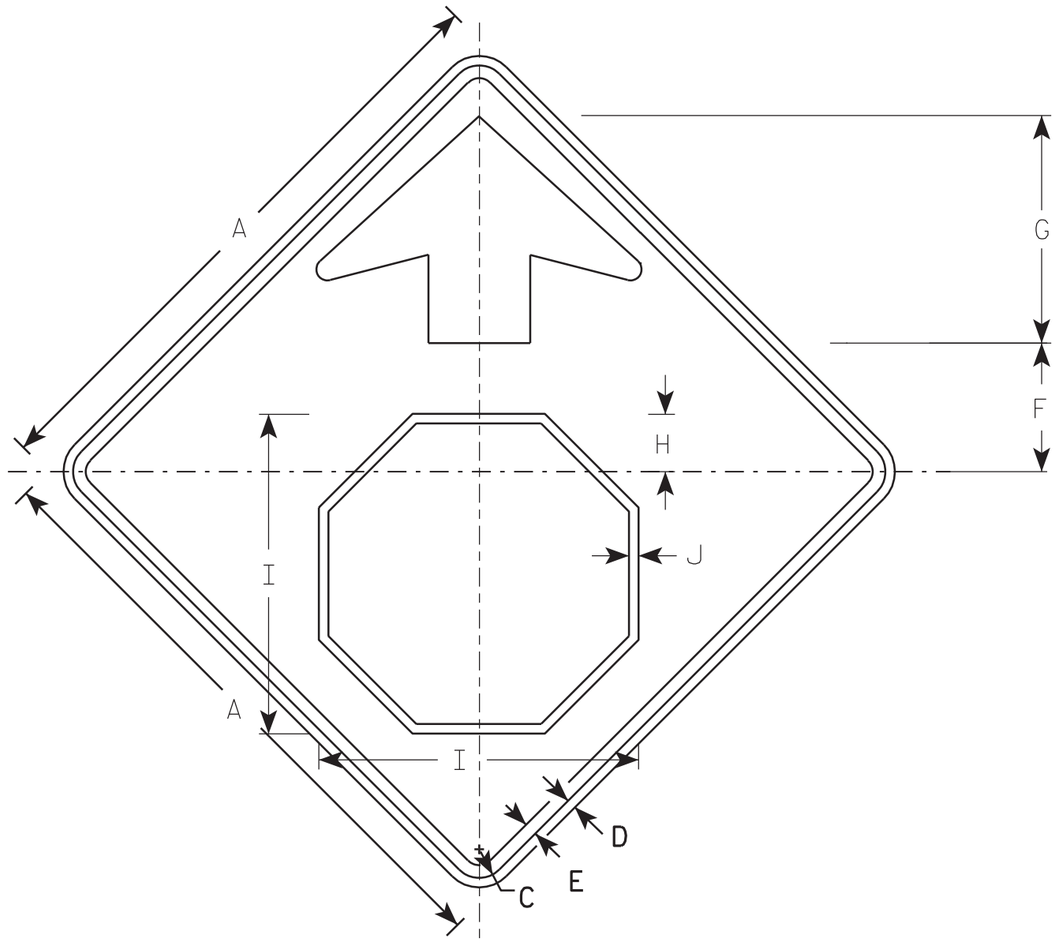
STANDARD SIGN
W1-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-7.7

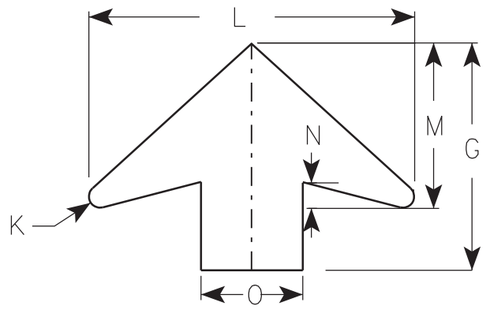
PROJECT NO: 4657-25-01 | HWY: SPENCER STREET | COUNTY: OUTAGAMIE | SHEET NO: 254 | E



W3-1

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   Arrow & Border - BLACK
   Stop Symbol - WHITE BORDER ON RED 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	30		1 3/8	1/2	5/8	6 1/4	11 1/4	2 7/8	15 3/4	1/2	1/2	16	8	1 1/4	5												6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

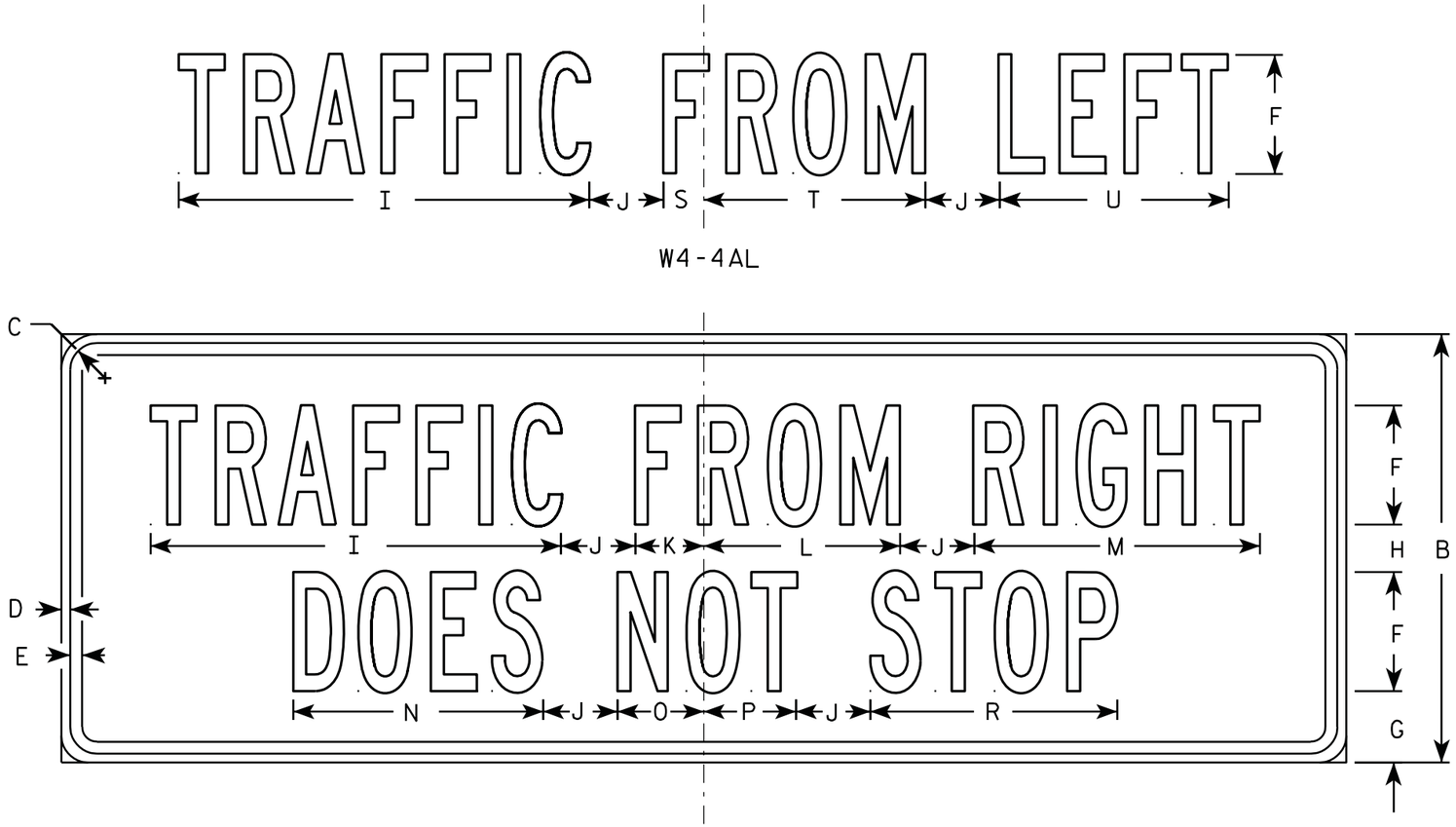
STANDARD SIGN
W3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-1.12

PROJECT NO: 4657-25-01	SPENCER STREET	OUTAGAMIE		SHEET NO: 255	E



W4-4AL

W4-4AR

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 - B
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	30	12	1 1/8	3/8	3/8	3	2 1/4	1 1/2	10 3/8	1 1/2	1 3/4	4 7/8	7 1/4	6 1/4	2 1/4	2 1/4		6 1/4	1	5 5/8	5 3/4						2.5
2M	30	12	1 1/8	3/8	3/8	3	2 1/4	1 1/2	10 3/8	1 1/2	1 3/4	4 7/8	7 1/4	6 1/4	2 1/4	2 1/4		6 1/4	1	5 5/8	5 3/4						2.5
3	42	15	1 1/8	3/8	1/2	4	2 5/8	1 3/4	13 7/8	2 3/8	2 1/8	6 3/4	9 3/4	8 3/8	2 3/4	3 3/8		8 3/8	1 1/8	7 3/4	7 3/4						4.4
4	54	18	1 1/8	3/8	1/2	5	3	2	17 1/4	3 1/8	2 7/8	8 1/4	12	10 1/2	3 5/8	3 7/8		10 3/8	1 3/4	9 3/8	9 5/8						6.8
5																											

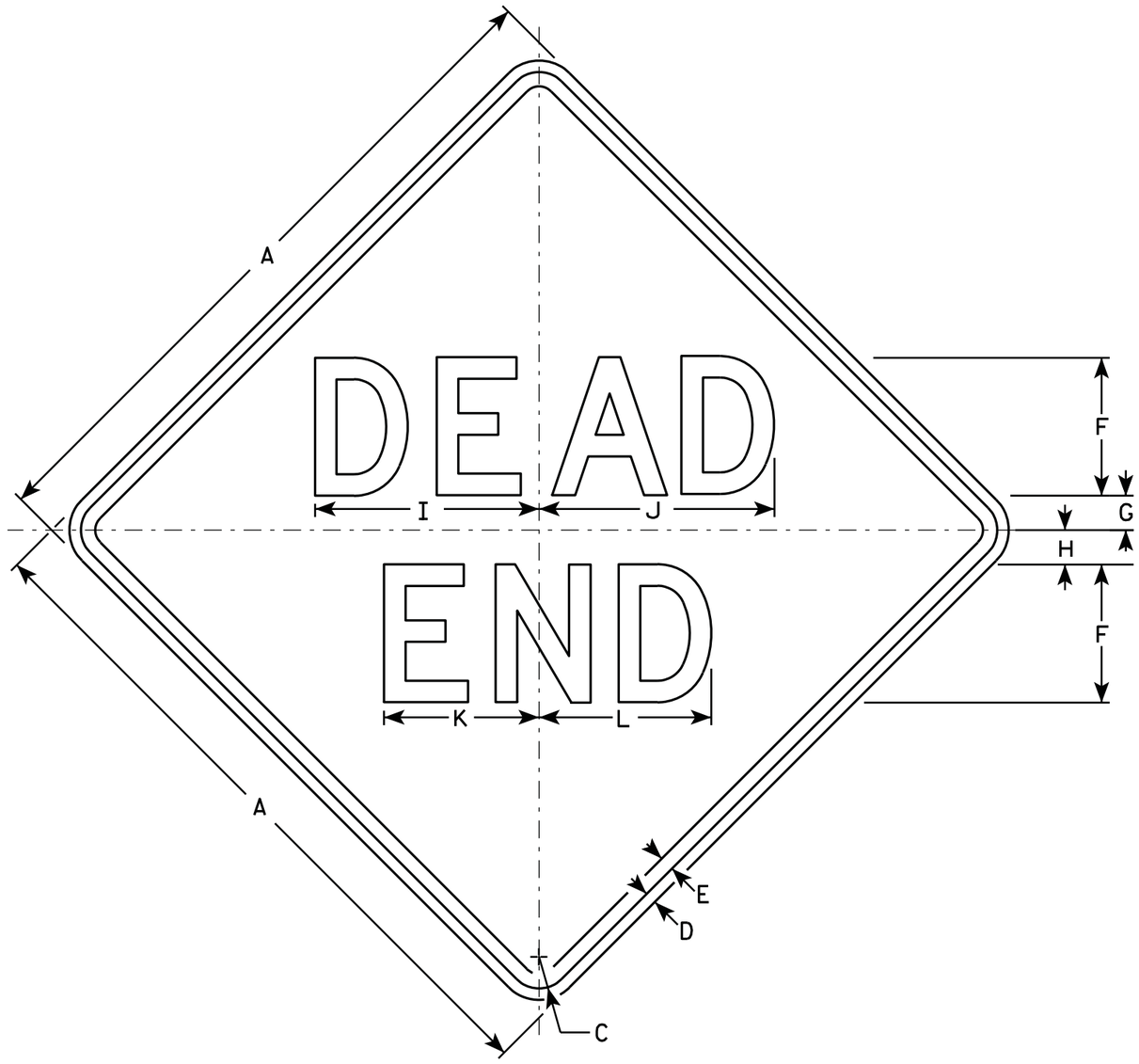
STANDARD SIGN
W4-4AL & W4-4AR

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W4-4A.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 256 | E



W14-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	5	1	2	8 1/4	8 5/8	5 5/8	6 1/4															4.0
2S	30		1 3/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
2M	30		1 3/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
3	36		1 5/8	5/8	3/4	7	2	3	11 3/8	12	7 7/8	8 3/4															9.0
4																											
5																											

STANDARD SIGN
W14-1

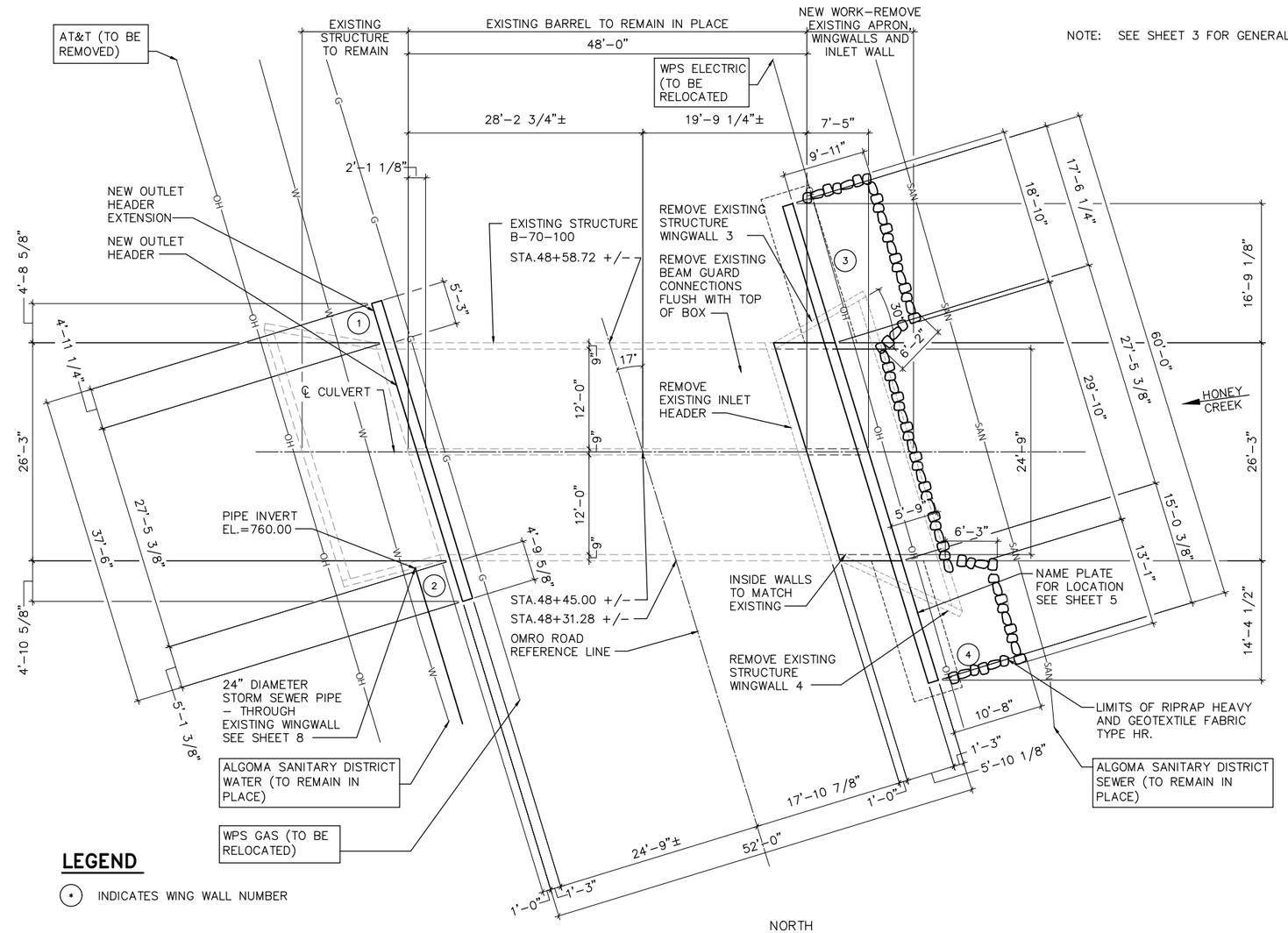
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W14-1.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 257	E

STATE PROJECT NUMBER
6436-00-71



NOTE: SEE SHEET 3 FOR GENERAL NOTES.

TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEMS	UNIT	TOTAL
203.0200	REMOVING OLD STRUCTURE (STA. 48+45.00)	LS	1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES (B-70-100)	LS	1
210.2500	BACKFILL STRUCTURE TYPE B	TONS	302
311.0110	BREAKER RUN	TONS	60
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	60
504.0100	CONCRETE MASONRY CULVERTS	CY	59
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	3140
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	2550
513.8011	RAILING STEEL PEDESTRIAN TYPE C2	LF	98
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	9
606.0300	RIPRAP HEAVY	CY	35
645.0105	GEOTEXTILE TYPE C	SY	88
645.0120	GEOTEXTILE TYPE HR	SY	53
	NON-BID ITEMS		
	FILLER	SIZE	3/4"

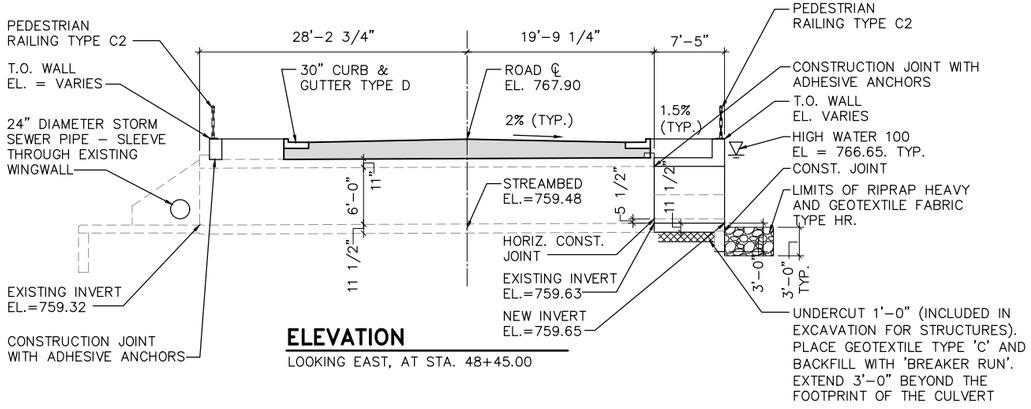
LEGEND

(•) INDICATES WING WALL NUMBER

PLAN

DOUBLE CELL CONCRETE BOX CULVERT EXTENSION

NORTH



ELEVATION

LOOKING EAST, AT STA. 48+45.00

DESIGN DATA

LIVE LOAD FOR NEW CULVERT:

DESIGN RATING	= HS-20
INVENTORY RATING FACTOR	= HS-31
OPERATIONAL RATING FACTOR	= HS-40
MAXIMUM STANDARD PERMIT VEHICLE LOAD	= 255K

LIVE LOAD FOR EXISTING CULVERT:

DESIGN RATING	= HS-20
INVENTORY RATING FACTOR	= HS-27
OPERATIONAL RATING FACTOR	= HS-34
MAXIMUM STANDARD PERMIT VEHICLE LOAD	= 255K

ULTIMATE DESIGN STRESSES:

CONCRETE MASONRY----------f'c	= 3,500 P.S.I.
BAR STEEL REINFORCEMENT, GRADE 60--fy	= 60,000 P.S.I.

EARTH LOAD:

DESIGNED FOR 1'-0"- 1'-6" FT. FILL

NOMINAL BEARING RESISTANCE	= 7.27 k/ft
FACTORED BEARING RESISTANCE	= 4.00 k/ft

HYDRAULIC DATA

HW_{100} = ELEV. 766.65
Q_{100} = 1,325 C.F.S.
Q_{100} FLOW AREA = 119 S.F.
Q_{100} VELOCITY = 10.03 F.P.S.
HW_2 ELEVATION = 763.08 FT
Q_2 = 299 C.F.S.
Q_2 VELOCITY = 3.96 F.P.S.
DRAINAGE AREA = 4.3 SQ. MI.
SCOUR CRITICAL CODE = 4

TRAFFIC VOLUME

OMRO ROAD

A.A.D.T. (2021) = 5800
A.A.D.T. (2041) = 7100
R.D.S. = 35 MPH

LIST OF DRAWINGS

1. GENERAL PLAN
2. SUBSURFACE EXPLORATION
3. BOX PLANS, SECTION, & DETAILS
4. BILL OF BARS
5. WING WALL ELEVATION & DETAILS
6. WING WALL SECTION & DETAILS
7. WING WALL ELEVATION & DETAILS
8. WING WALL ELEVATION

BRIDGE OFFICE CONTACT: AARON BONK, P.E.
TELEPHONE: (608)261-0261

CONSULTANT CONTACT: SPENCER KOCKEN, P.E.
TELEPHONE: (920)751-4200

NO.	DATE	REVISION	BY

McMAHON ENGINEERS ARCHITECTS
1445 McMAHON DRIVE
NEENAH, WI 54957-1025
WWW.MCMGRP.COM

state of wisconsin
department of transportation

ACCEPTED SDR 12/18/20
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-70-100

OMRO ROAD RECONSTRUCTION & BOX CULVERT

COUNTY	TOWN/CITY/VILLAGE
WINNEBAGO	ALGOMA

DESIGN SPEC. AASHTO LRFD DESIGN SPECIFICATIONS

DESIGNED BY	STK	DESIGN CK'D.	DJB	DRAWN BY	MLR	PLANS CK'D.	DCC

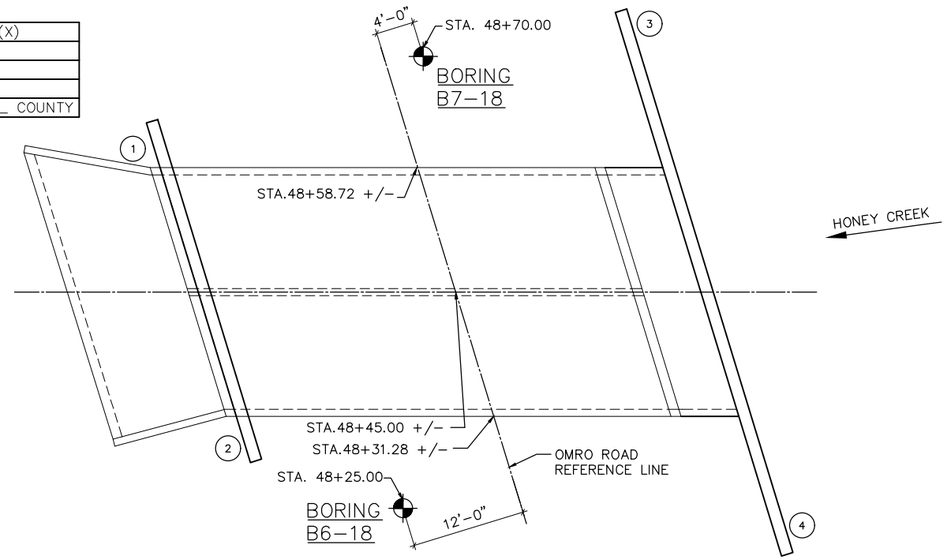
GENERAL PLAN

SHEET 1 OF 8
258

WISCONSIN SPENCER T. KOCKEN E-46385 NEENAH WI PROFESSIONAL ENGINEER
12-10-20

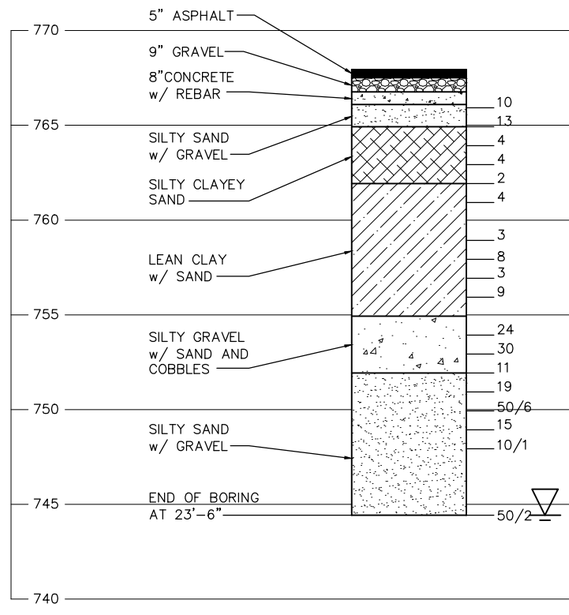
I:\acrosse, W:\PROJECTS\A0018\81700106\CADD\AUTOCAD\01-GENERAL PLAN & ELEVATION.dwg, layout1, Plot Date: 12/16/2020 8:50 AM, xrefs: (x-exist topo omro rd 88(07), x-dll points omro rd 88(07))

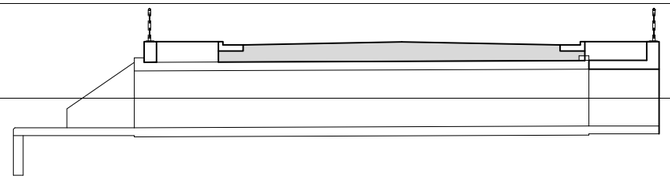
BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
1	03/21/2018	–	–
BORINGS COMPLETED BY: ECS MIDWEST, LLC			
REPORT COMPLETED BY:			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) _____ COUNTY			



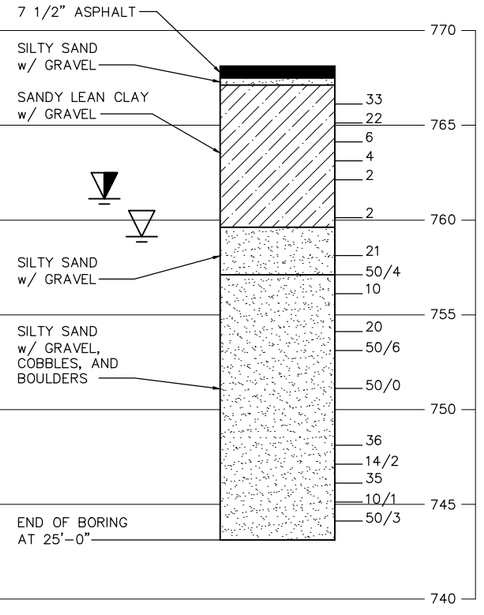
PLAN

BORING B6-18





BORING B7-18



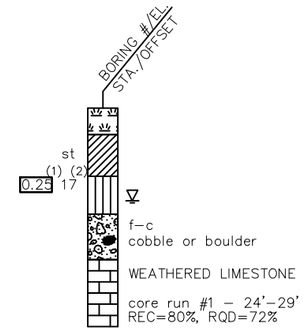
STATE PROJECT NUMBER

– –

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
boulders or cobbles	LIMESTONE	BEDROCK (unknown)
shale	SANDSTONE	IGNEOUS/ meta

LEGEND OF BORING



(1) Unconfined STRENGTH, as determined by a pocket penetrometer (tsf)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'n' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'n' vaLUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

ground water elevation

- at time of drilling
- end of drilling
- after drilling

ABBREVIATIONS

F-Fine M-Medium C-Coarse st-shelby tube

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

Borings were completed at points approximately as indicated on this drawing to obtain information concerning the character of subsurface materials found at the site. Because the investigated depths are limited and the area of the borings is very small in relation to the entire site, the Wisconsin Department of Transportation does not warrant similar subsurface conditions below, between, or beyond these borings. Variations in soil conditions should be expected and fluctuations in groundwater levels may occur.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-70-100

DRAWN BY MLR | PLANS CK'D. DCC

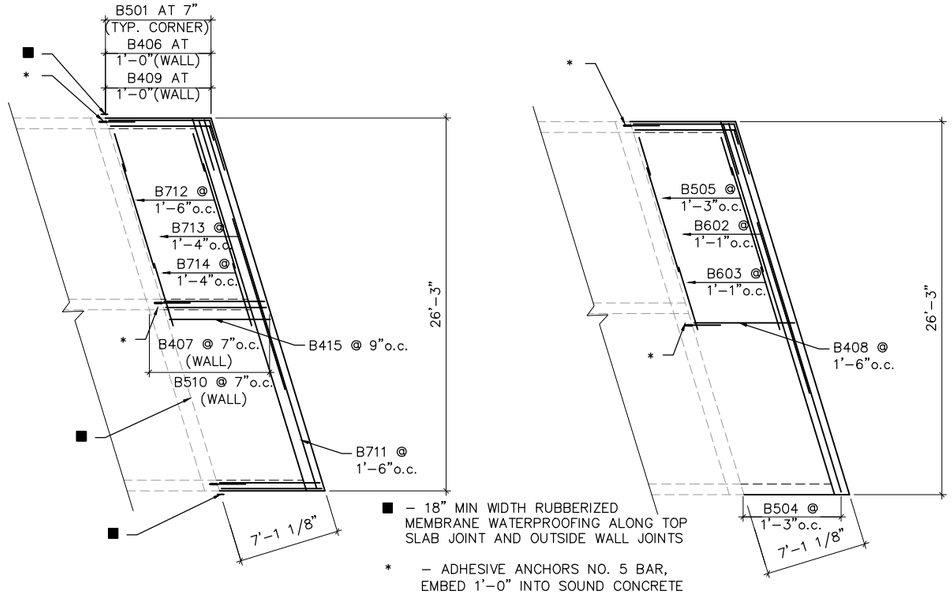
SUBSURFACE EXPLORATION

SHEET 2 OF 8
259

SCALE =

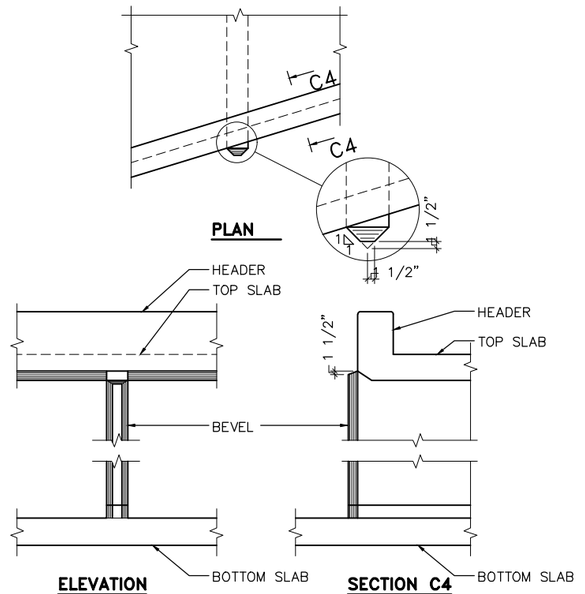
STATE PROJECT NUMBER

6436-00-71



TOP SLAB REINFORCEMENT PLAN

BOTTOM SLAB REINFORCEMENT PLAN



INLET NOSE CENTERWALL DETAILS

TYPICAL ALL INLETS

NOTES: (BOX CULVERTS)

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES CULVERTS B-70-100" SHALL BE THE EXISTING GROUNDLINE.

THE BACKFILL QUANTITIES ARE BASED ON THE PAY LIMITS SHOWN ON THE PLANS AND MAY NOT REFLECT ACTUAL PLACED QUANTITIES. "BACKFILL STRUCTURE TYPE B" REQUIRED ON THE BOX CULVERT SIDES AND BEHIND APRON WINGS FOR 3 FEEG. BACKFILL PLACED BEYOND PAY LIMITS OR EXCEEDING PLAN QUANTITIES SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES.

NOTES: (RETAINING WALLS)

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES RETAINING WALLS SHALL BE THE EXISTING GROUNDLINE.

THE BACKFILL QUANTITIES ARE BASED ON THE PAY LIMITS SHOWN ON THE PLANS AND MAY NOT REFLECT ACTUAL PLACED QUANTITIES. "BACKFILL STRUCTURE TYPE B" REQUIRED FOR THE ENTIRE WALL LENGTH. BACKFILL PLACED BEYOND PAY LIMITS OR EXCEEDING PLAN QUANTITIES SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES.

GENERAL NOTES:

DRAWINGS SHALL NOT BE SCALED.

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

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES CULVERTS B-70-100" SHALL BE THE EXISTING GROUNDLINE.

STRUCTURAL BACKFILL IS REQUIRED BEHIND ALL WINGWALLS.

ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TO THE ELEVATION AND SECTION EXISTING PRIOR TO EXCAVATION WITHIN THE LENGTH OF THE BOX.

THE CONCRETE IN THE CUTOFF WALL MAY BE PLACED UNDERWATER IF THE EXCAVATION CANNOT BE DEWATERED.

THE ALTERNATE CUTOFF MAY BE USED IN LIEU OF CAST-IN-PLACE CONCRETE CUTOFF WALLS. PAYMENT SHALL BE BASED ON CONCRETE CUTOFF WALLS.

THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS. NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR.

PLACE AN 18"(MIN.) WIDE SHEET OF 'RUBBERIZED MEMBRANE WATERPROOFING' ON TOP SLAB OVER ALL CONSTRUCTION JOINTS AND EXTEND DOWN TO BOTTOM OF OUTSIDE WALLS.

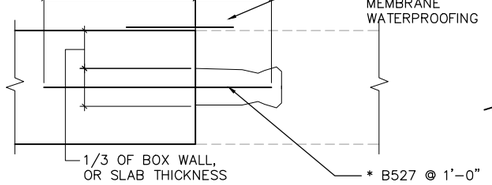
JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO DESIGNATION M153, TYPE I, II, OR III OR AASHTO DESIGNATION M213.

THE CONTRACTOR MAY FURNISH A PRECAST CONCRETE BOX CULVERT IN LIEU OF THE CAST-IN-PLACE BOX CULVERT WITH THE ACCEPTANCE OF THE SHOP DRAWINGS BY THE STRUCTURES DESIGN SECTION. THE PRECAST CONCRETE BOX CULVERT SHALL CONFORM TO PRECAST DETAILS IN CHAPTER 36 STANDARDS OF THE CURRENT WISCONSIN DOT BRIDGE MANUAL. PAYMENT FOR THE PRECAST CULVERT SHALL BE BASED ON THE QUANTITIES AND PRICES BID FOR THE ITEMS LISTED IN THE "TOTAL ESTIMATED QUANTITIES".

CONTRACTOR MAY ELECT TO SUBSTITUTE #1 OR #2 CONCRETE COARSE AGGREGATE, SELECT CRUSHED MATERIAL OR OTHER GRANULAR MATERIAL AS APPROVED BY THE FIELD ENGINEER, IN LIEU OF BREAKER RUN, TO BE UTILIZED AS A CONSTRUCTION PLATFORM FOR THE BOX. THE CONTRACTOR IS RESPONSIBLE FOR BASE STABILITY WITH ANY SUBSITUTED MATERIAL.

THE EXISTING STRUCTURE TO BE REMOVED IS EXISTING WINGWALL 3 AND EXISTING WINGWALL 4. REMOVE EXISTING APRON AND INLET WALL AT BARREL EXTENSION. STRUCTURE CONSISTS OF CONCRETE WALLS, INLET HEADER, OUTLET HEADERS/EXTENSIONS, AND CONCRETE APRON. REMOVE BEAM GUARD CONNECTIONS FLUSH WITH TOP OF BOX. REMOVE EXISTING FENCE AND BEAM GUARD. NEW STORM SEWER PIPE TO BE SLEEVED THROUGH EXISTING WINGWALL 2. NEW RAILING ON NORTH AND SOUTH HEADERS.

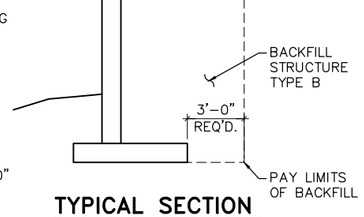
TEMPORARY WATER DIVERSION REQUIRED, REFER TO SPECIAL PROVISIONS.



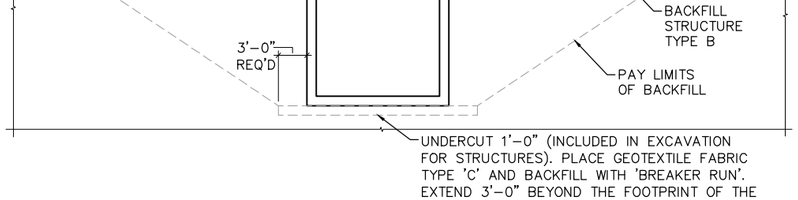
* ADHESIVE ANCHORS NO. 5 BAR, EMBED 1'-0" INTO SOUND CONCRETE

CONSTRUCTION JOINT AT EXISTING

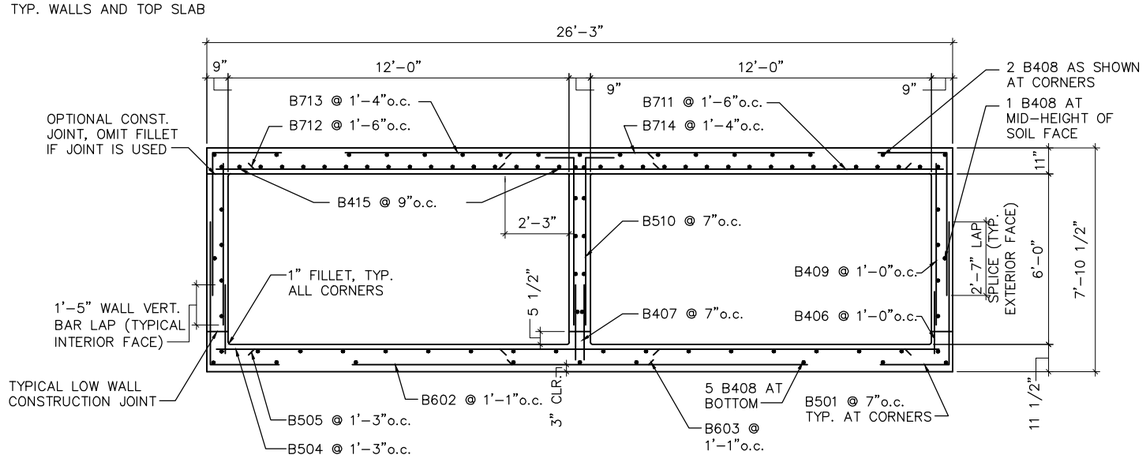
TYP. WALLS AND TOP SLAB



TYPICAL SECTION THRU RETAINING WALL



TYPICAL SECTION THRU BOX CULVERT



ALL LONGITUDINAL BARS NOT IDENTIFIED ARE B408 @ 1'-6"o.c. UNLESS NOTED OTHERWISE.

TYPICAL SECTION THRU BOX

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-70-100

DRAWN BY MLR | PLANS CK'D. DCC

BOX PLANS, SECTION, & DETAILS

SHEET 3 OF 8
260

mroesken, W:\PROJECTS\A0018\81700106\CADD\AUTOCAD\03-BOX DETAILS.dwg, layout, Plot Date: 12/10/2020 9:36 AM, xrefs:none
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STATE PROJECT NUMBER

6436-00-71

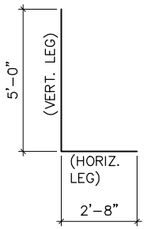
BILL OF BARS

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	SERIES	LOCATION
B501		52	7'-8"	X		BOX CORNERS - TOP AND BOTTOM CORNER
B602		7	16'-6"			BOTTOM SLAB TRANSVERSE
B603		7	5'-6"			BOTTOM SLAB TRANSVERSE
B504		6	26'-8"			BOTTOM SLAB TRANSVERSE
B505		12	9'-8"			BOTTOM SLAB TRANSVERSE
B406		16	2'-0"			EXTERIOR WALL DOWELS
B407		26	2'-0"			INTERIOR WALL DOWELS
B408		66	6'-9"			LONGITUDINAL BARS
B409		16	5'-10"			EXTERIOR WALL VERTICAL
B510		26	7'-0"	X		INTERIOR WALL VERTICAL
B711		5	26'-8"			TOP SLAB TRANSVERSE
B712		10	9'-8"			TOP SLAB TRANSVERSE
B713		6	16'-6"			TOP SLAB TRANSVERSE
B714		5	5'-6"			TOP SLAB TRANSVERSE
B415		35	6'-9"			TOP SLAB LONGITUDINAL
B416		4	26'-8"			INLET HEADER HORIZONTAL BARS
B317		28	5'-2"	X	▲	INLET HEADER VERTICAL BENT BARS
B418		3	27'-1"			INLET CUTOFF WALL HORIZONTAL BARS
B419		28	3'-6"	X		INLET CUTOFF WALL VERTICAL DOWELS
B420		4	37'-2"			OUTLET HEADER HORIZONTAL BARS
B421		4	5'-3"			OUTLET HEADER EXTENSION HORIZONTAL BARS
B422		4	5'-5"			OUTLET HEADER EXTENSION HORIZONTAL BARS
B423		6	8'-7"	X		OUTLET HEADER EXTENSION VERT BARS
B424		6	8'-0"	X		OUTLET HEADER EXTENSION VERT BARS
B425		28	4'-2"	X	▲	OUTLET HEADER VERTICAL BENT BARS
B526		28	1'-6"			OUTLET HEADER VERTICAL DOWELS
B527		48	3'-0"			DOWEL NEW TO EXISTING BARREL
R401	X	11	10'-0"		▲	WINGWALL 3 - VERTICAL FF
R402	X	11	4'-3"	X		WINGWALL 3 - VERTICAL DOWEL FF
R503	X	23	10'-0"		▲	WINGWALL 3 - VERTICAL BF
R604	X	23	6'-1"	X		WINGWALL 3 - VERTICAL DOWEL BF
R405	X	18	17'-3"			WINGWALL 3 - HORIZONTAL EF
R506	X	2	17'-3"			WINGWALL 3 - HORIZONTAL SLOPED TOP
R407	X	10	20'-2"		▲	WINGWALL 3 FOOTING - CONTINUOUS
R508	X	46	7'-8"			WINGWALL 3 FOOTING - TRANSVERSE
R409	X	9	9'-8"		▲	WINGWALL 4 - VERTICAL FF
R410	X	9	4'-3"	X		WINGWALL 4 - VERTICAL DOWEL FF
R511	X	20	9'-8"		▲	WINGWALL 4 - VERTICAL BF
R612	X	20	6'-1"	X		WINGWALL 4 - VERTICAL DOWEL BF
R413	X	16	14'-8"			WINGWALL 4 - HORIZONTAL EF
R514	X	2	14'-8"			WINGWALL 4 - HORIZONTAL SLOPED TOP
R415	X	10	17'-8"		▲	WINGWALL 4 FOOTING - CONTINUOUS
R516	X	40	7'-8"			WINGWALL 4 FOOTING - TRANSVERSE
R417	X	4	6'-0"		▲	WINGWALL 3 FOOTING - TRANSVERSE
R418	X	4	6'-8"		▲	WINGWALL 4 FOOTING - TRANSVERSE
R419	X	4	8'-1"			WINGWALL 3 & 4 FOOTING - TRANSVERSE END
R520	X	4	3'-6"			EXISTING WINGWALL 2 OPENING DOWELS
R521	X	4	3'-6"			EXISTING WINGWALL 2 OPENING DOWELS
R522	X	8	4'-9"			WINGWALL 2 - PIER VERTICAL BARS
R323	X	10	3'-0"	X		WINGWALL 2 - PIER HORIZONTAL TIE BARS
R524	X	12	2'-0"	X		WINGWALL 2 - PIER HORIZONTAL DOWELS

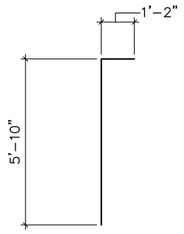
BAR SERIES TABLE

BAR MARK	NO. REQ'D.	LENGTH
B317	1 SERIES OF 28	4'-5" TO 4'-10"
B425	1 SERIES OF 28	3'-9" TO 4'-2"
R401	1 SERIES OF 11	9'-10 1/2" TO 10'-0"
R503	1 SERIES OF 11	9'-10 1/2" TO 10'-0"
R409	1 SERIES OF 9	9'-6 1/2" TO 9'-8"
R511	1 SERIES OF 9	9'-6 1/2" TO 9'-8"
R418	2 SERIES OF 2	4'-1" TO 6'-8"
R407	2 SERIES OF 5	17'-4" TO 20'-2"
R415	2 SERIES OF 5	15'-3" TO 17'-8"
R417	2 SERIES OF 2	3'-10" TO 6'-0"

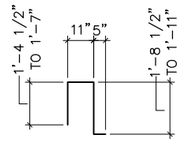
(BUNDLE AND TAG EACH SERIES SEPARATELY)



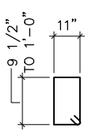
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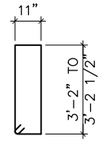
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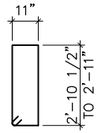
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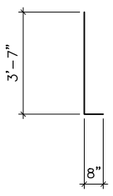
B425



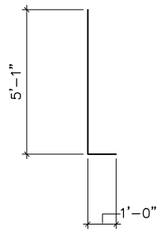
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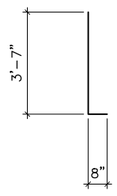
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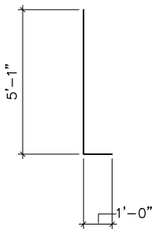
R402



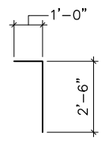
R604



R410



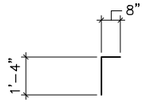
R612



B419



B323



B524

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

BILL OF BARS:
THE FIRST OR FIRST AND SECOND DIGIT OF THE MARK SIGNIFIES THE BAR SIZE. THE DIMENSION IN THE BENT COLUMN IS THE OUT TO OUT HORIZONTAL LEG OF A "L" SHAPED BAR. LONGER BARS OF THE SAME SIZE MAY BE SUBSTITUTED FOR SHORTER BARS. PAYMENT BASED ON BAR LENGTH AS DETAILED.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-70-100

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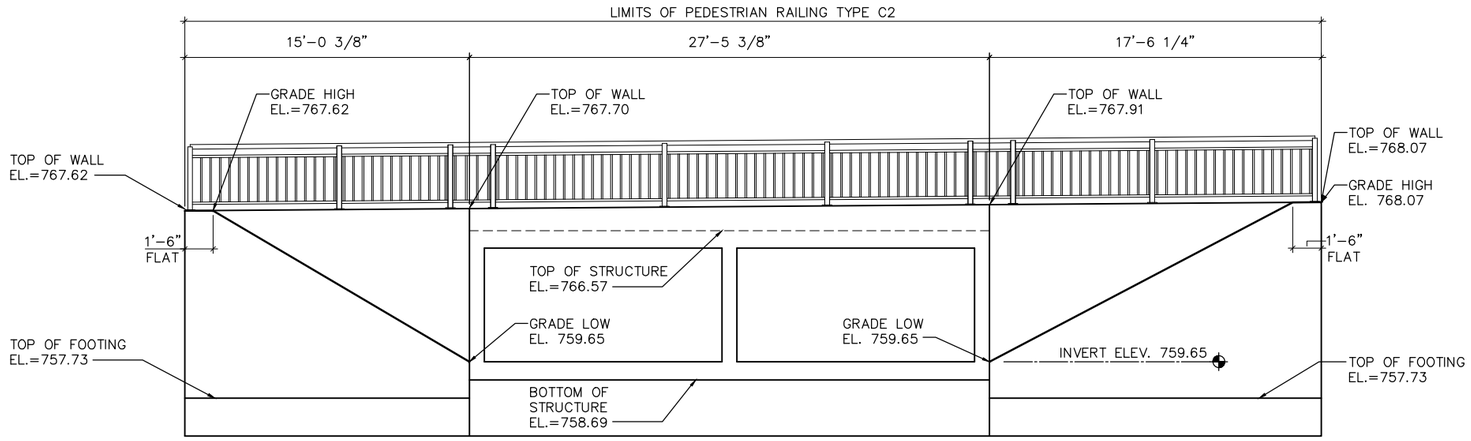
BILL OF BARS

SHEET 4 OF 8
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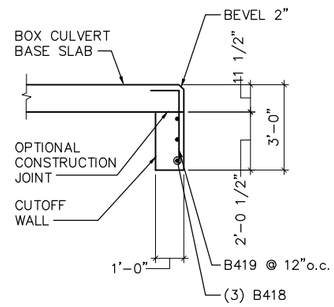
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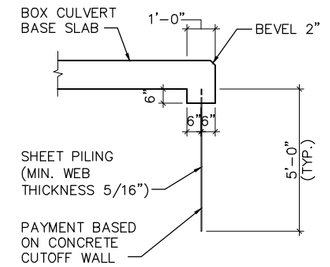
STATE PROJECT NUMBER
6436–00–71



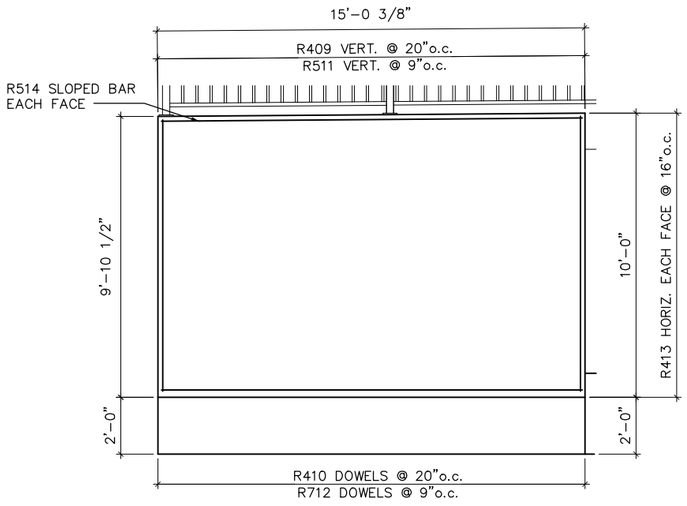
ELEVATION
(LOOKING NORTH)



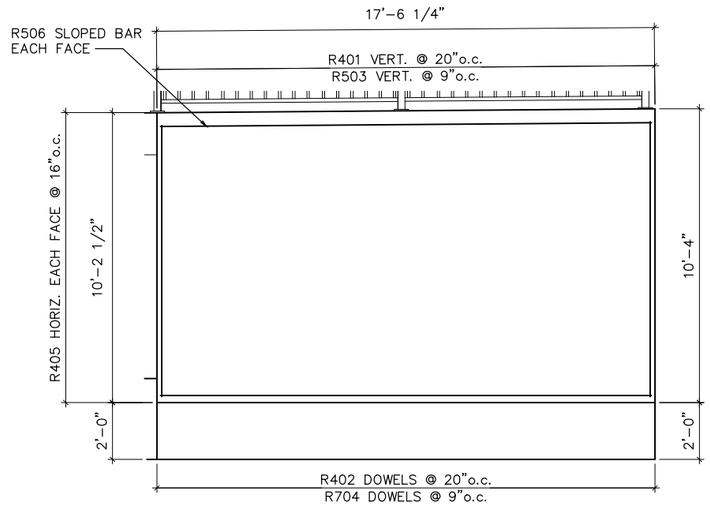
INLET CUTOFF WALL



ALTERNATE CUTOFF WALL

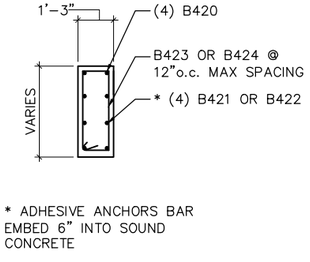


WINGWALL 4 ELEVATION
(LOOKING NORTH)

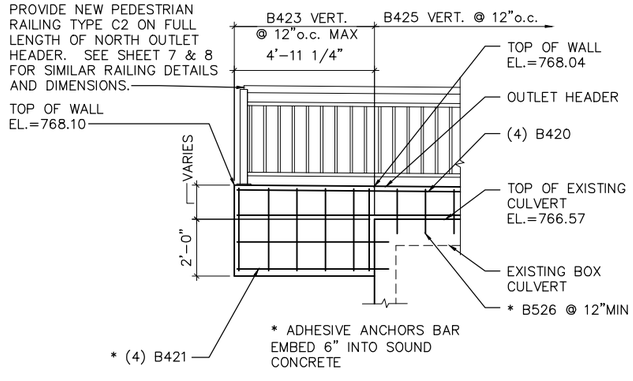


WINGWALL 3 ELEVATION
(LOOKING NORTH)

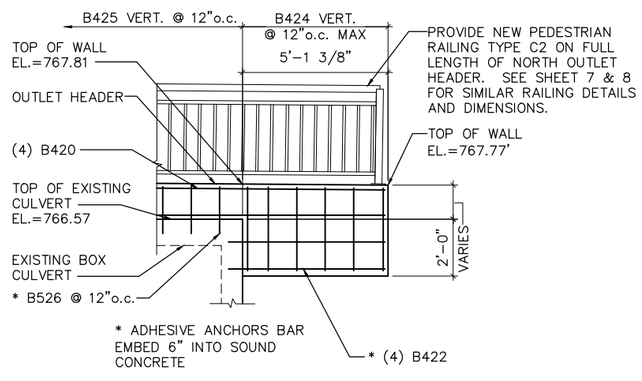
NAME PLATE LOCATION
(WING WALL 4)



OUTLET HEADER EXTENSION



OUTLET HEADER EXTENSION ELEVATION – EAST SIDE
(LOOKING SOUTH)



OUTLET HEADER EXTENSION ELEVATION – WEST SIDE
(LOOKING SOUTH)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B–70–100

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WING WALL ELEVATION & DETAILS

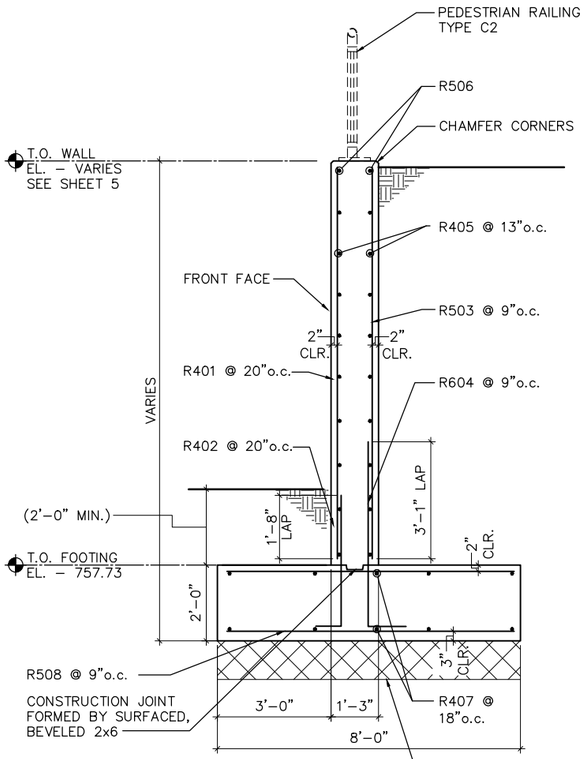
SHEET 5 OF 8
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8

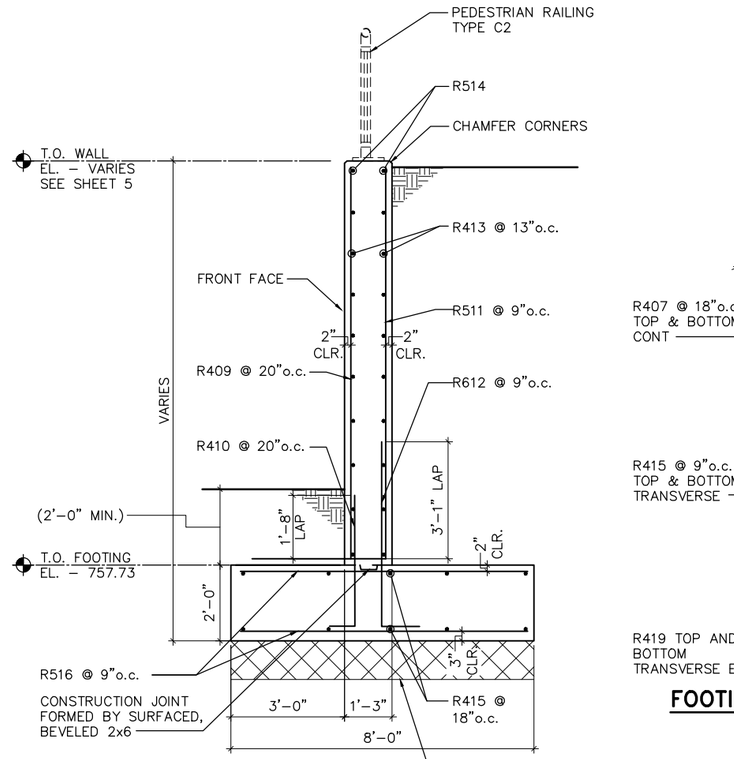
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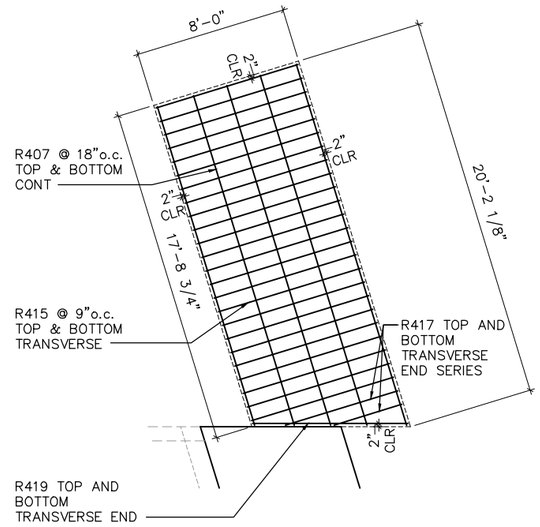
STATE PROJECT NUMBER
6436–00–71



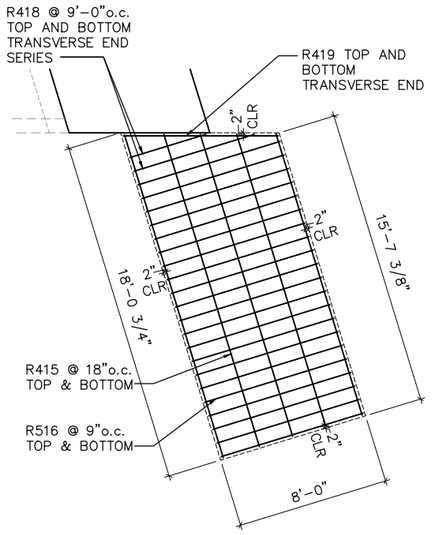
SLOPED WALL AT CULVERT WINGWALL 3



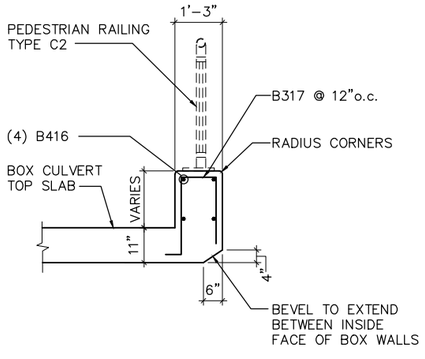
SLOPED WALL AT CULVERT WINGWALL 4



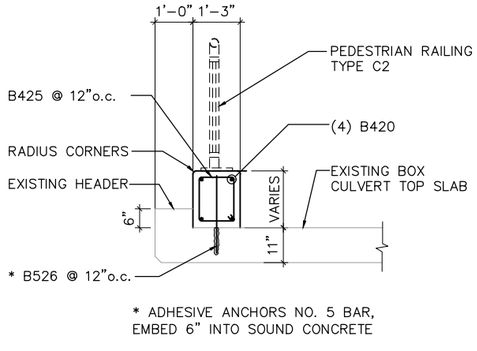
FOOTING PLAN VIEW – WINGWALL 3



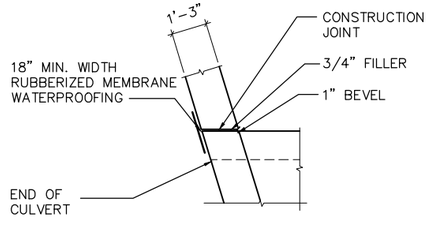
FOOTING PLAN VIEW – WINGWALL 4



INLET HEADER



OUTLET HEADER



WINGWALL TO CULVERT

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B–70–100

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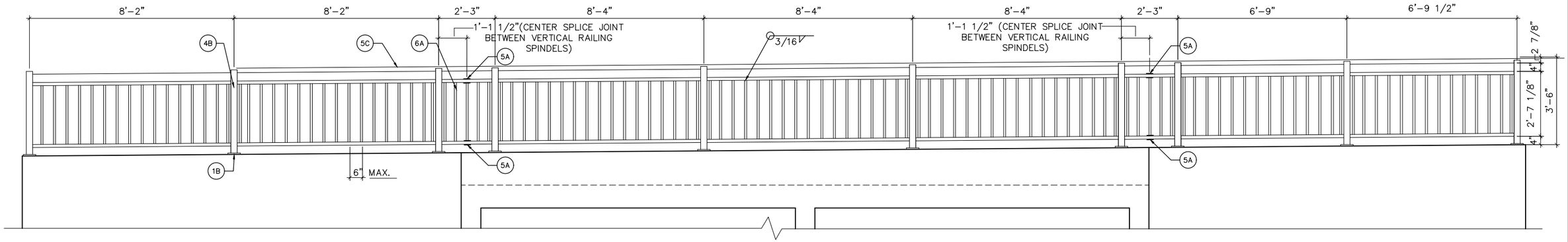
WING WALL SECTION & DETAILS

SHEET 6 OF 8
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STATE PROJECT NUMBER
6436-00-71



ELEVATION OF INLET STRUCTURE

(LOOKING NORTH)

LEGEND:

(1B) 5/8" DIA. x 9" LONG, TYPE 316 STAINLESS STEEL THREADED RODS (MIN. TENSILE PLATE 5/8"x6"x10" WITH 3/4" x 1 1/2" SLOTTED HOLES.

(2B) 1/4"x5"x9" ANCHOR PLATE WITH 11/16" DIA HOLES FOR THREADED RODS NO. 3.

(3) STRENGTH = 70 KSI) WITH NUT AND WASHERS OF SAME ALLOY GROUP. (ALTERNATE RAIL POST ANCHORAGE: 4 EQUIVALENT STAINLESS STEEL CONCRETE MASONRY ANCHORS TYPE S 5/8". EMBED 7" IN CONCRETE FOR RAIL POSTS. EMBED 5" IN CONCRETE FOR END RAILS.) ADHESIVE ANCHORS SHALL CONFORM TO SECTIONS 502.2.12 AND 502.3.14 OF THE STANDARD SPECIFICATIONS.

(4B) STRUCTURAL TUBING 3"x3"x3/16". PLACE VERTICAL. WELD TO NO. 1 & 5.

(5A) STRUCTURAL TUBING 3"x1 1/2"x3/16 RAILS. WELD TO NO. 1 & 4. INSIDE OF TUBE TO BE PAINTED AT ALL FIELD ERECTION & EXPANSION JOINTS.

(5C) STRUCTURAL TUBING 2 1/2" DIA. (STANDARD SIZE) (2.875" O.D.). WELD TO NO. 1 & 4. INSIDE OF TUBE TO BE PAINTED AT ALL FIELD ERECTION & EXPANSION JOINTS.

(6A) BAR 1"x1" PICKETS. WELD TO NO. 5. (SPACE AT 6" MAX. ℄ TO ℄ SPACING). PLACE VERTICAL.

(9A) RECTANGULAR SLEEVE FABRICATED FROM 3/16" PLATES. PROVIDE "SLIDING FIT".

(9B) CIRCULAR SLEEVE FABRICATED FROM STRUCTURAL TUBING 2" DIA. (STANDARD SIZE) (2.375" O.D.).

(10A) RECTANGULAR SLEEVE FABRICATED FROM 3/16" PLATES. (1'-4" @ FIELD ERECTION JOINTS.) (1'-4" @ STRIP SEAL EXP. JOINTS)

(10B) CIRCULAR SLEEVE FABRICATED FROM STRUCTURAL TUBING 2" DIA. (STANDARD SIZE) (2.375" O.D.) (1'-4" @ FIELD ERECTION JOINTS.) (1'-4" @ STRIP SEAL EXP. JOINTS)

RAILING NOTES:

BID ITEM SHALL BE "RAILING STEEL PEDESTRIAN TYPE C2", WHICH SHALL INCLUDE ALL STEEL ITEMS SHOWN.

POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUTS.

ALL PLATES, BARS, AND RECTANGULAR SLEEVES SHALL CONFORM TO ASTM A709 GRADE 36. ALL STRUCTURAL TUBING SHALL CONFORM TO ASTM A500 GRADE B.

ANCHORAGES SHALL BE ACCURATELY PLACED TO PROVIDE CORRECT ALIGNMENT OF RAILING. SET NORMAL TO GRADE.

CUT BOTTOM OF POST TO MAKE POST VERTICAL IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTION.

STEEL SHIMS SHALL BE PROVIDED & USED UNDER BASE PLATES WHERE REQUIRED FOR ALIGNMENT, AND SHALL BE GALVANIZED.

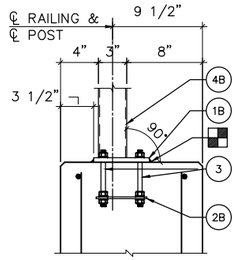
CAULK AROUND PERIMETER OF BASE PLATES, NO. 1, AND FILL BOLT SLOT OPENINGS IN SHIMS AND BASE PLATES WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.

ALL MATERIAL (EXCEPT NO. 3) SHALL BE GALVANIZED AFTER FABRICATION. PRIOR TO GALVANIZING, THE STEEL RAILING SHALL BE GIVEN A NO. 6 BLAST CLEANING PER SSPC SPECIFICATIONS. PAINT OVER GALVANIZING WITH AN APPROVED TIE COAT AND TOP COAT AS SPECIFIED IN THE "BRIDGE SPECIAL PROVISIONS". THE RAILING SHALL BE PAINTED AMS #27038.

RAILING SHALL BE FABRICATED IN LENGTHS THAT INCLUDE 3 OR 4 POSTS.

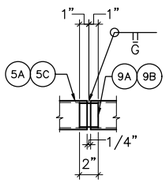
VENT HOLES SHALL BE DRILLED IN POST AND RAIL MEMBERS AS REQUIRED TO FACILITATE GALVANIZING AND DRAINAGE.

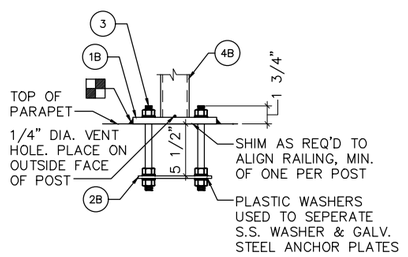
TOUCH-UP PAINTING TO BE DONE AT COMPLETION OF STEEL RAILING INSTALLATION TO THE SATISFACTION OF THE ENGINEER AT NO EXTRA COST.



ANCHORAGE FOR END RAIL

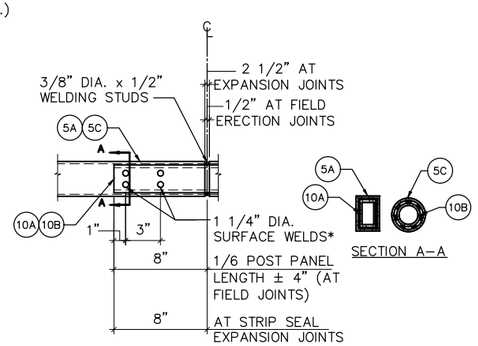
* ADJUST LOCATIONS OF BARS TO ALLOW PLACEMENT OF ANCHOR ASSEMBLY FOR RAILING AND BEAM GUARD (WHEN REQ'D.)





ANCHORAGE FOR RAIL POSTS

NOTE: ANCHOR PLATE NOT REQUIRED WHEN ADHESIVE ANCHORS ARE USED.

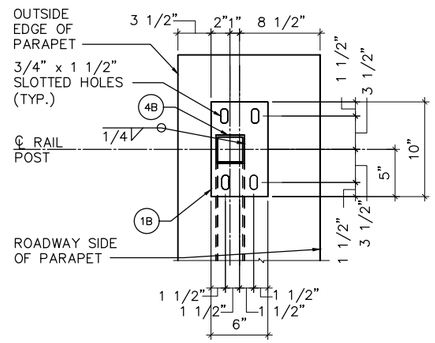


SHOP RAIL SPLICE DETAIL

(LOCATIONS MUST BE SHOWN ON SHOP DRAWINGS)

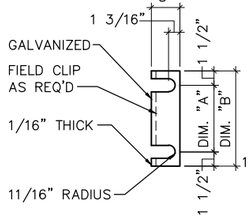
FIELD ERECTION JOINT DETAIL

*MIN. 5/8" FLAT SURFACE DIA. PUNCHINGS OR STUDS MAY BE USED AS AN ALTERNATIVE.



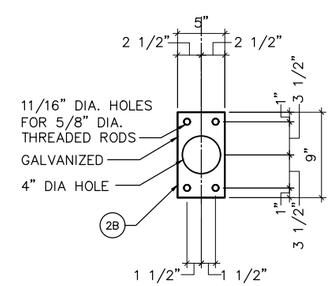
TYPICAL RAIL POST BASE PLATE

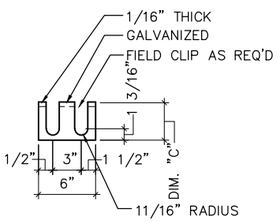
FOR 3" x 3" x 3/16" POSTS (4B)



ANCHOR PLATE

FOR 3" x 3" x 3/16" POSTS (4B)





RAIL POST SHIM DETAIL

6"x10" BASE PLATE (1B) DIM. "A"=7", DIM. "B"=10", DIM. "C"=5" (2 SETS PER POST)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-70-100

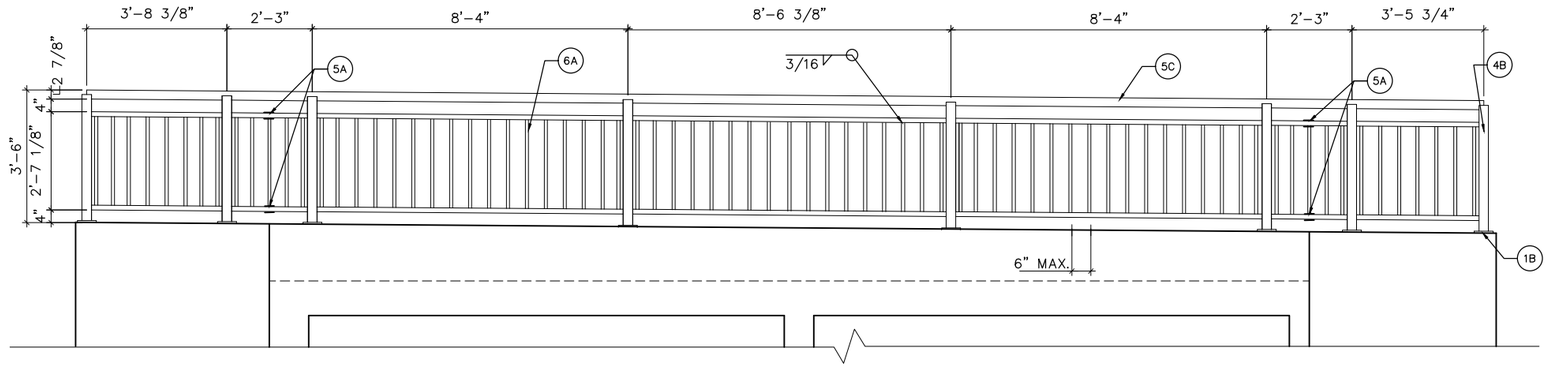
DRAWN BY MLR | PLANS CK'D. DCC

WING WALL ELEVATION & DETAILS

SHEET 7 OF 8
264

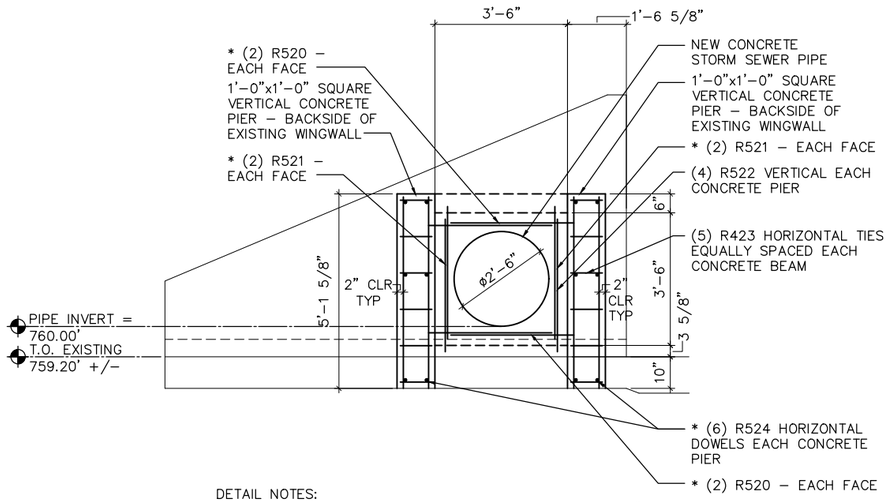
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STATE PROJECT NUMBER
6436–00–71



ELEVATION OF OUTLET STRUCTURE

(LOOKING SOUTH)

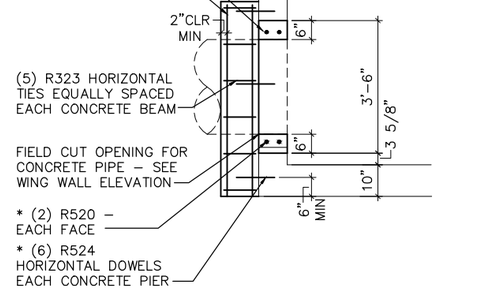


DETAIL NOTES:

1. CONCRETE STORM SEWER PIPE OUTSIDE DIAMETER = 30".
2. CONTRACTOR TO FIELD CUT NEW 3'–6"x3'–6" OPENING IN EXISTING CONCRETE WALL FOR NEW STORM SEWER PIPE. INFILL NEW CONCRETE PIPE WITH CONCRETE.

* ADHESIVE ANCHORS NO. 5 BAR, EMBED 6" INTO SOUND CONCRETE

EXISTING WINGWALL 2 ELEVATION



* ADHESIVE ANCHORS NO. 5 BAR, EMBED 6" INTO SOUND CONCRETE

EXISTING WINGWALL 2 SECTION

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B–70–100

DRAWN BY	MLR	PLANS CK'D.	DCC

WING WALL ELEVATION

SHEET 8 OF 8
265

8

8

mroesken, W:\PROJECTS\A0018\81700106\CADD\AUTOCAD\08-WING WALL ELEVATION.dwg, layout1, Plot Date: 12/10/2020 9:37 AM, xrefs:none
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SCALE =

WELSH HAVEN DRIVE

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
200+18.00	193.47	0.00	0.00	0.00	0.00	0.00	0.00
200+50.00	70.76	33.72	156.58	19.98	156.58	19.98	136.60
200+84.00	90.28	0.00	101.40	21.23	257.98	41.22	216.77
201+00.00	53.13	0.76	42.49	0.22	300.47	41.44	259.03
201+05.70	49.49	0.13	10.83	0.09	311.31	41.53	269.77
201+10.00	0.00	0.00	3.94	0.01	315.25	41.54	273.70

SNOWDON DRIVE

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
220+18.00	195.75	0.00	0.00	0.00	0.00	0.00	0.00
220+50.00	69.58	67.78	157.23	40.17	157.23	40.17	117.07
220+75.00	113.18	0.00	84.61	31.38	241.85	71.55	170.30
220+96.50	49.04	1.37	64.35	0.56	306.19	72.11	234.08
221+00.00	0.00	0.00	3.18	0.09	309.37	72.20	237.17

CAMBRIA COURT

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
209+05.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
209+09.00	49.95	0.85	3.70	0.06	3.70	0.06	3.64
209+24.00	74.66	0.00	34.61	0.24	38.31	0.30	38.01
209+50.00	69.36	14.86	69.34	7.16	107.65	7.46	100.20
209+82.00	184.15	0.00	150.23	8.81	257.88	16.26	241.62

LAKEBREEZE ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
230+18.00	238.47	0.00	0.00	0.00	0.00	0.00	0.00
230+50.00	150.43	0.00	230.46	0.00	230.46	0.00	230.46
231+00.00	87.99	0.00	220.76	0.00	451.22	0.00	451.22
231+30.00	63.64	0.00	84.24	0.00	535.46	0.00	535.46
231+50.00	41.63	1.40	38.99	0.52	574.44	0.52	573.93
231+54.00	40.14	1.12	6.06	0.19	580.50	0.70	579.80
231+60.00	0.00	0.00	4.46	0.12	584.96	0.83	584.13

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ELMHURST ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
239+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
239+01.00	48.94	0.08	0.91	0.00	0.91	0.00	0.90
239+15.00	62.60	0.00	28.92	0.02	29.82	0.02	29.80
239+50.00	99.64	0.00	105.15	0.00	134.97	0.02	134.95
239+83.00	255.56	0.00	217.06	0.00	352.04	0.02	352.02

HONEY CREEK ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
258+95.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
259+00.00	54.20	0.09	5.02	0.01	5.02	0.01	5.01
259+50.00	47.37	0.00	94.05	0.09	99.07	0.09	98.98
259+83.00	80.63	0.79	78.22	0.48	177.29	0.58	176.72

TAMMY ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
250+18.00	202.43	0.00	0.00	0.00	0.00	0.00	0.00
250+50.00	108.28	0.00	184.13	0.00	184.13	0.00	184.13
251+00.00	71.53	0.11	166.49	0.11	350.62	0.11	350.51
251+16.00	60.03	0.00	38.98	0.03	389.60	0.14	389.46
251+36.00	51.45	0.35	41.29	0.13	430.89	0.27	430.62
251+40.00	0.00	0.00	3.81	0.03	434.70	0.30	434.40

VALLEY ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
270+17.00	92.10	0.01	0.00	0.00	0.00	0.00	0.00
270+50.00	60.65	1.19	93.34	0.75	93.34	0.75	92.58
271+00.00	55.29	0.56	107.35	1.62	200.68	2.38	198.31
271+04.00	54.50	0.59	8.12	0.07	208.80	2.44	206.35
271+07.00	0.00	0.00	3.03	0.03	211.83	2.48	209.35

OAKWOOD ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
279+10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
279+16.00	47.22	1.31	5.25	0.15	5.25	0.15	5.10
279+50.00	62.62	3.08	69.10	2.72	74.34	2.87	71.47
279+83.00	66.50	1.77	78.76	3.05	153.10	5.92	147.18
279+85.00	69.18	1.57	5.02	0.12	158.12	6.05	152.08
280+15.00	70.01	0.00	77.33	0.87	235.45	6.92	228.53
280+17.00	71.00	2.61	5.22	0.10	240.67	7.02	233.65
280+50.00	53.70	36.92	76.20	24.16	316.88	31.17	285.70
280+85.00	54.08	27.61	69.86	41.82	386.73	73.00	313.73
281+00.00	33.28	25.92	24.27	14.87	411.00	87.87	323.13
281+50.00	30.48	0.00	59.04	24.00	470.04	111.87	358.17
281+60.00	12.94	6.42	8.04	1.19	478.08	113.06	365.02
281+70.00	0.00	0.00	2.40	1.19	480.47	114.25	366.23

RAN LIE STREET

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
289+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
289+01.00	48.69	0.04	0.90	0.00	0.90	0.00	0.90
289+50.00	60.03	1.33	98.66	1.25	99.56	1.25	98.31
289+83.00	149.91	0.00	128.30	0.81	227.86	2.06	225.80

OAKWOOD CIRCLE

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
290+17.00	138.96	0.11	0.00	0.00	0.00	0.00	0.00
290+50.00	76.03	0.04	131.38	0.09	131.38	0.09	131.29
291+00.00	53.04	0.01	119.51	0.05	250.89	0.14	250.76
291+05.00	0.00	0.00	4.91	0.00	255.80	0.14	255.66

SHEBOYGAN STREET

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
300+17.00	155.35	0.03	0.00	0.00	0.00	0.00	0.00
300+50.00	112.56	0.73	163.97	0.46	163.97	0.46	163.52
301+00.00	48.36	0.00	149.00	0.68	312.97	1.13	311.84
301+14.00	44.50	0.00	24.07	0.00	337.04	1.13	335.91
301+15.00	0.00	0.00	0.82	0.00	337.87	1.13	336.74

SHERRIN STREET

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
310+17.00	82.03	0.24	0.00	0.00	0.00	0.00	0.00
310+50.00	36.30	6.29	72.32	3.99	72.32	3.99	68.33
310+95.50	31.20	1.77	56.88	6.79	129.20	10.78	118.42
311+00.00	0.00	0.00	2.60	0.15	131.80	10.93	120.87

KEWAUNEE STREET

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
330+17.00	198.93	0.00	0.00	0.00	0.00	0.00	0.00
330+50.00	89.15	0.00	176.16	0.00	176.16	0.00	176.16
330+81.00	42.13	0.03	75.37	0.02	251.53	0.02	251.51
330+90.00	0.00	0.00	6.88	0.01	258.41	0.02	258.38

CONRAD STREET

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
320+17.00	141.88	0.64	0.00	0.00	0.00	0.00	0.00
320+50.00	47.94	0.52	116.00	0.71	116.00	0.71	115.29
320+85.00	30.13	1.26	50.60	1.16	166.59	1.86	164.73
320+90.00	0.00	0.00	2.79	0.12	169.38	1.98	167.40

WILLOW SPRINGS ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
340+17.00	224.83	0.00	0.00	0.00	0.00	0.00	0.00
340+50.00	83.00	14.11	188.12	8.62	188.12	8.62	179.50
341+00.00	96.28	0.00	165.93	13.02	354.05	21.64	332.41
341+20.00	46.60	0.58	52.85	0.21	406.90	21.85	385.05
341+25.00	0.00	0.00	4.32	0.05	411.21	21.90	389.31

WESTHAVEN DRIVE

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
328+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
328+02.00	57.18	0.16	2.12	0.01	2.12	0.01	2.11
328+50.00	87.34	0.00	128.46	0.15	130.57	0.15	130.42
329+00.00	135.67	0.00	206.49	0.00	337.06	0.15	336.91
329+50.00	214.57	0.00	324.29	0.00	661.35	0.15	661.20
329+83.00	309.36	0.00	318.82	0.00	980.17	0.15	980.02

WILLOW BEND LANE

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
350+17.00	170.66	0.00	0.00	0.00	0.00	0.00	0.00
350+50.00	56.89	35.53	139.06	21.71	139.06	21.71	117.35
350+80.00	67.54	0.54	69.13	20.04	208.18	41.75	166.43
350+92.00	53.33	2.01	26.86	0.57	235.04	42.32	192.72
351+00.00	0.00	0.00	7.90	0.30	242.94	42.62	200.33

OMRO ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
10+00.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10+07.00	209.30	0.00	25.23	0.00	25.23	0.00	25.23
10+50.00	66.45	37.93	219.58	30.20	244.82	30.20	214.61
11+00.00	109.09	3.88	156.88	40.00	401.70	70.20	331.50
11+50.00	159.16	0.92	240.42	4.34	642.11	74.55	567.57
12+00.00	185.22	0.00	310.63	0.74	952.74	75.29	877.46
12+50.00	165.92	0.01	323.61	0.01	1276.35	75.30	1201.05
13+00.00	145.10	2.52	290.52	2.30	1566.88	77.59	1489.28
13+50.00	129.98	6.49	255.29	8.50	1822.17	86.09	1736.08
13+82.00	187.50	4.82	190.51	6.65	2012.68	92.74	1919.94
14+00.00	129.92	6.56	106.80	3.68	2119.48	96.42	2023.06
14+50.00	132.19	7.42	242.70	12.94	2362.17	109.36	2252.81
15+00.00	133.49	8.28	246.00	14.54	2608.17	123.90	2484.27
15+50.00	134.75	11.68	248.37	18.48	2856.54	142.38	2714.16
16+00.00	122.64	14.31	238.32	24.07	3094.86	166.45	2928.41
16+31.00	175.73	11.37	171.28	14.75	3266.14	181.19	3084.95
16+50.00	124.69	16.30	105.70	9.74	3371.84	190.93	3180.91
17+00.00	99.92	22.94	207.97	36.33	3579.81	227.26	3352.55
17+18.00	133.17	10.04	77.70	10.99	3657.50	238.25	3419.25
17+50.00	78.76	63.40	125.59	43.52	3783.09	281.77	3501.32
18+00.00	78.49	63.53	145.60	117.52	3928.69	399.29	3529.40
18+16.69	109.33	26.35	58.06	27.78	3986.75	427.08	3559.68
18+50.00	81.56	48.16	117.74	45.96	4104.50	473.03	3631.46
18+70.00	117.39	17.13	73.68	24.18	4178.18	497.21	3680.97
19+00.00	88.54	40.57	114.41	32.06	4292.58	529.27	3763.31
19+35.00	120.00	29.26	135.17	45.26	4427.75	574.53	3853.22
19+50.00	121.48	31.11	67.08	16.77	4494.83	591.30	3903.53
20+00.00	144.99	10.87	246.73	38.87	4741.56	630.17	4111.39

OMRO ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
20+50.00	106.45	31.54	232.81	39.27	4974.37	669.44	4304.93
21+00.00	147.19	24.32	234.85	51.73	5209.22	721.17	4488.05
21+50.00	112.35	44.66	240.31	63.87	5449.54	785.04	4664.50
22+00.00	101.61	16.00	198.11	56.17	5647.64	841.20	4806.44
22+32.00	173.13	23.83	162.80	23.61	5810.45	864.81	4945.64
22+50.00	124.75	25.36	99.29	16.40	5909.74	881.20	5028.54
23+00.00	121.31	28.15	227.84	49.54	6137.58	930.75	5206.83
23+50.00	128.71	37.40	231.50	60.70	6369.08	991.45	5377.63
23+86.00	191.63	0.00	213.56	24.94	6582.64	1016.38	5566.26
24+00.00	146.62	27.03	87.69	7.01	6670.33	1023.39	5646.94
24+50.00	142.72	9.11	267.91	33.47	6938.24	1056.86	5881.38
25+00.00	128.59	11.22	251.22	18.82	7189.46	1075.68	6113.78
25+30.00	170.84	1.81	166.35	7.24	7355.81	1082.92	6272.89
25+50.00	179.38	5.96	129.71	2.88	7485.53	1085.80	6399.73
25+73.00	161.67	9.21	145.26	6.46	7630.79	1092.26	6538.53
26+00.00	121.02	22.76	141.34	15.98	7772.13	1108.24	6663.89
26+50.00	104.51	22.83	208.82	42.20	7980.95	1150.45	6830.50
26+82.00	148.84	0.00	150.13	13.53	8131.08	1163.97	6967.11
27+00.00	126.33	10.73	91.72	3.58	8222.80	1167.55	7055.26
27+26.00	187.81	22.20	151.25	15.85	8374.06	1183.40	7190.66
27+50.00	132.00	32.04	142.14	24.11	8516.19	1207.51	7308.69
27+84.00	198.75	19.62	208.25	32.53	8724.44	1240.03	7484.41
28+00.00	127.93	32.49	96.79	15.44	8821.24	1255.47	7565.76
28+50.00	175.76	0.00	281.20	30.08	9102.43	1285.56	7816.88
29+00.00	124.10	85.24	277.65	78.92	9380.08	1364.48	8015.60
29+50.00	135.30	10.47	240.19	88.62	9620.27	1453.10	8167.17
30+00.00	137.74	4.44	252.82	13.81	9873.09	1466.90	8406.18
30+50.00	146.11	4.78	262.83	8.53	10135.91	1475.44	8660.47

9

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PROJECT NO: 6436-00-71 | HWY: OMRO ROAD | COUNTY: WINNEBAGO | CROSS SECTIONS: EARTHWORK QUANTITIES | SHEET 270 | E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 124

PLOT DATE : 10/30/2020 5:15 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

OMRO ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
30+78.00	190.42	0.77	174.50	2.88	10310.41	1478.31	8832.10
31+00.00	157.83	1.77	141.88	1.03	10452.29	1479.35	8972.94
31+50.00	146.05	0.16	281.37	1.79	10733.66	1481.14	9252.52
32+00.00	161.12	0.00	284.41	0.15	11018.07	1481.29	9536.78
32+50.00	208.52	0.01	342.26	0.01	11360.33	1481.29	9879.04
32+88.00	276.14	0.00	341.06	0.00	11701.39	1481.30	10220.09
33+00.00	215.50	0.00	109.26	0.00	11810.65	1481.30	10329.35
33+23.00	263.03	0.00	203.82	0.00	12014.47	1481.30	10533.17
33+50.00	207.13	0.00	235.08	0.00	12249.55	1481.30	10768.25
34+00.00	203.37	0.07	380.09	0.06	12629.64	1481.36	11148.28
34+50.00	198.33	0.00	371.94	0.06	13001.58	1481.42	11520.16
35+00.00	196.71	0.00	365.78	0.00	13367.36	1481.42	11885.94
35+50.00	163.66	0.00	333.68	0.00	13701.04	1481.42	12219.62
36+00.00	162.43	0.00	301.94	0.00	14002.98	1481.42	12521.56
36+50.00	179.12	0.21	316.25	0.20	14319.23	1481.62	12837.61
37+00.00	196.87	0.47	348.14	0.63	14667.37	1482.25	13185.12
37+50.00	203.67	0.83	370.87	1.20	15038.24	1483.45	13554.79
37+78.00	255.11	1.39	237.89	1.15	15276.13	1484.60	13791.53
38+00.00	202.73	2.18	186.53	1.45	15462.66	1486.05	13976.61
38+50.00	196.13	0.45	369.32	2.44	15831.98	1488.49	14343.49
38+82.00	230.89	2.99	253.05	2.04	16085.03	1490.53	14594.50
39+00.00	178.62	5.46	136.50	2.82	16221.53	1493.34	14728.19
39+21.00	197.55	1.60	146.29	2.74	16367.82	1496.09	14871.73
39+50.00	119.04	13.01	170.02	7.85	16537.85	1503.94	15033.91
39+75.00	168.69	1.39	133.21	6.67	16671.06	1510.60	15160.45
40+00.00	190.89	15.98	166.47	8.04	16837.53	1518.64	15318.89
40+10.00	241.82	18.90	80.13	6.46	16917.66	1525.10	15392.56
40+50.00	197.07	31.78	325.10	37.54	17242.76	1562.64	15680.12

OMRO ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
41+00.00	116.68	45.58	290.51	71.63	17533.27	1634.27	15899.00
41+20.00	186.69	35.09	112.36	29.88	17645.63	1664.15	15981.48
41+50.00	124.69	30.16	172.99	36.25	17818.61	1700.40	16118.21
42+00.00	128.71	15.14	234.63	41.94	18053.24	1742.34	16310.90
42+50.00	120.53	11.80	230.78	24.94	18284.02	1767.28	16516.73
43+00.00	157.60	0.00	257.52	10.92	18541.54	1778.20	16763.34
43+50.00	139.07	7.00	274.70	6.48	18816.24	1784.68	17031.56
44+00.00	166.15	4.63	282.61	10.77	19098.85	1795.45	17303.40
44+50.00	81.45	24.28	229.26	26.77	19328.11	1822.22	17505.90
45+00.00	62.59	12.05	133.37	33.63	19461.49	1855.85	17605.64
45+32.00	68.04	0.00	77.41	7.14	19538.90	1862.99	17675.91
45+50.00	50.78	60.72	39.61	20.24	19578.50	1883.23	17695.28
46+00.00	48.07	78.36	91.53	128.78	19670.03	2012.01	17658.02
46+50.00	51.03	89.29	91.76	155.23	19761.79	2167.24	17594.55
47+00.00	75.69	0.00	117.33	82.67	19879.12	2249.91	17629.21
47+18.00	97.84	0.00	57.84	0.00	19936.96	2249.91	17687.05
47+50.00	68.06	57.13	98.31	33.85	20035.27	2283.77	17751.51
48+00.00	71.75	48.86	129.45	98.13	20164.73	2381.90	17782.83
48+50.00	62.27	49.08	124.09	90.68	20288.81	2472.58	17816.24
49+00.00	58.39	87.20	111.72	126.18	20400.53	2598.76	17801.77
49+50.00	56.68	94.56	106.55	168.30	20507.08	2767.05	17740.03
50+00.00	84.10	9.96	130.35	96.78	20637.44	2863.84	17773.60
50+14.00	128.15	7.10	55.03	4.42	20692.46	2868.26	17824.20
50+50.00	89.90	9.26	145.36	10.90	20837.83	2879.16	17958.66
50+77.00	166.73	4.37	128.31	6.81	20966.14	2885.98	18080.16
51+00.00	116.05	8.26	120.44	5.38	21086.58	2891.36	18195.23
51+50.00	150.66	4.91	246.95	12.19	21333.54	2903.55	18429.99
51+69.00	152.13	4.06	106.54	3.15	21440.07	2906.70	18533.37

OMRO ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
52+00.00	94.36	20.53	141.50	14.11	21581.58	2920.82	18660.76
52+32.00	133.08	7.40	134.78	16.55	21716.36	2937.36	18778.99
52+50.00	91.05	12.66	74.71	6.69	21791.07	2944.05	18847.02
53+00.00	95.39	14.25	172.63	24.91	21963.70	2968.96	18994.74
53+12.00	145.97	8.78	53.64	5.12	22017.34	2974.08	19043.26
53+50.00	145.44	3.94	205.06	8.95	22222.41	2983.04	19239.37
53+68.00	177.16	4.40	107.53	2.78	22329.94	2985.82	19344.12
54+00.00	110.42	10.63	170.42	8.90	22500.35	2994.72	19505.63
54+31.00	150.78	2.69	149.95	7.65	22650.30	3002.37	19647.93
54+50.00	207.98	5.64	126.23	2.93	22776.53	3005.30	19771.23
55+00.00	133.45	5.98	316.14	10.76	23092.67	3016.06	20076.61
55+50.00	207.14	6.82	315.37	11.85	23408.04	3027.92	20380.12
55+80.00	170.78	0.40	209.95	4.01	23617.99	3031.93	20586.06
56+00.00	131.63	4.86	112.00	1.95	23729.99	3033.87	20696.12
56+50.00	127.44	5.20	239.88	9.31	23969.87	3043.19	20926.69
57+00.00	142.08	1.15	249.55	5.88	24219.42	3049.07	21170.36
57+31.00	177.11	0.00	183.24	0.66	24402.66	3049.73	21352.93
57+50.00	127.09	1.36	107.03	0.48	24509.70	3050.21	21459.49
57+86.00	201.97	3.52	219.37	3.25	24729.07	3053.46	21675.61
58+00.00	140.50	1.77	88.79	1.37	24817.86	3054.83	21763.03
58+35.00	163.64	2.59	197.13	2.82	25014.99	3057.65	21957.34
58+50.00	135.28	2.48	83.03	1.41	25098.02	3059.06	22038.97
58+84.00	213.50	3.84	219.61	3.97	25317.63	3063.03	22254.60
59+00.00	142.29	6.86	105.42	3.17	25423.05	3066.20	22356.85
59+50.00	130.29	14.85	252.39	20.10	25675.44	3086.30	22589.15
59+72.00	183.85	8.20	127.98	9.39	25803.43	3095.69	22707.74
60+00.00	117.53	18.43	156.27	13.81	25959.70	3109.50	22850.20
60+50.00	141.06	11.09	239.44	27.33	26199.13	3136.82	23062.31

OMRO ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
61+00.00	126.43	17.86	247.68	26.80	26446.81	3163.62	23283.19
61+50.00	74.77	57.48	186.30	69.76	26633.11	3233.38	23399.73
62+00.00	77.21	76.98	140.72	124.50	26773.83	3357.88	23415.95
62+50.00	69.48	90.02	135.82	154.63	26909.65	3512.51	23397.14
63+00.00	52.86	92.73	113.28	169.21	27022.93	3681.72	23341.21
63+50.00	29.35	0.00	76.12	85.86	27099.05	3767.58	23331.47
64+00.00	40.21	85.06	64.41	78.76	27163.45	3846.34	23317.12
64+50.00	52.46	99.27	85.81	170.67	27249.26	4017.00	23232.26
65+00.00	65.44	61.85	109.17	149.19	27358.43	4166.19	23192.24
65+26.00	94.82	23.57	77.17	41.13	27435.60	4207.32	23228.28
65+50.00	76.94	36.01	76.34	26.48	27511.94	4233.80	23278.14
66+00.00	94.25	17.75	158.50	49.77	27670.44	4283.57	23386.86
66+30.00	140.85	11.94	130.61	16.49	27801.05	4300.06	23500.98
66+50.00	117.11	10.18	95.54	8.19	27896.59	4308.26	23588.33
67+00.00	127.08	5.01	226.11	14.07	28122.70	4322.32	23800.37
67+14.00	188.95	0.00	81.94	1.30	28204.63	4323.62	23881.01
67+50.00	119.86	1.32	205.87	0.88	28410.51	4324.50	24086.00
68+00.00	186.51	0.00	283.68	1.22	28694.18	4325.73	24368.46
68+50.00	101.89	0.00	267.04	0.00	28961.22	4325.73	24635.50
69+00.00	124.13	0.04	209.28	0.04	29170.51	4325.76	24844.74
69+50.00	102.50	6.31	209.85	5.88	29380.36	4331.64	25048.72
70+00.00	64.69	19.96	154.81	24.32	29535.17	4355.96	25179.21
70+50.00	84.56	12.46	138.19	30.02	29673.36	4385.98	25287.39
71+00.00	70.35	34.63	143.43	43.60	29816.79	4429.58	25387.21
71+50.00	68.52	21.66	128.58	52.13	29945.38	4481.71	25463.67
72+00.00	108.13	0.00	163.56	20.06	30108.94	4501.77	25607.17
72+50.00	65.87	22.35	161.11	20.69	30270.04	4522.46	25747.58
73+00.00	68.16	22.62	124.10	41.64	30394.14	4564.10	25830.04

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PROJECT NO: 6436-00-71 | HWY: OMRO ROAD | COUNTY: WINNEBAGO | CROSS SECTIONS: EARTHWORK QUANTITIES | SHEET 272 | E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 126

PLOT DATE : 10/30/2020 5:16 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

OMRO ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
73+50.00	72.05	33.42	129.82	51.89	30523.97	4615.99	25907.98
74+00.00	117.30	34.10	175.33	62.51	30699.29	4678.50	26020.79
74+50.00	82.55	27.67	185.05	57.19	30884.35	4735.70	26148.65
75+00.00	72.91	0.00	143.94	25.62	31028.29	4761.32	26266.96
75+50.00	121.22	24.55	179.74	22.73	31208.03	4784.05	26423.98
75+66.00	132.39	25.54	75.14	14.84	31283.17	4798.89	26484.28
76+00.00	97.83	34.34	144.96	37.70	31428.13	4836.59	26591.53
76+50.00	145.34	6.31	225.16	37.64	31653.29	4874.23	26779.05
77+00.00	107.86	29.68	234.44	33.33	31887.73	4907.57	26980.16
77+50.00	116.71	20.53	207.94	46.49	32095.67	4954.06	27141.61
78+00.00	134.99	5.21	233.05	23.83	32328.72	4977.90	27350.83
78+50.00	116.86	0.00	233.19	4.83	32561.91	4982.72	27579.19
78+66.00	138.53	0.00	75.67	0.00	32637.58	4982.72	27654.86
79+00.00	114.83	7.97	159.52	5.02	32797.10	4987.74	27809.36
79+50.00	103.50	15.47	202.15	21.71	32999.25	5009.45	27989.81
80+00.00	121.65	7.29	208.47	21.07	33207.72	5030.52	28177.20
80+15.00	130.14	7.75	69.94	4.18	33277.66	5034.70	28242.96
80+50.00	120.19	6.86	162.25	9.47	33439.92	5044.17	28395.75
81+00.00	87.56	9.54	192.37	15.18	33632.29	5059.35	28572.93
81+50.00	72.35	1.62	148.07	10.34	33780.35	5069.69	28710.66
82+00.00	82.04	83.55	142.95	78.86	33923.30	5148.56	28774.75
82+50.00	70.68	78.43	141.41	149.98	34064.71	5298.53	28766.17
83+00.00	90.06	26.15	148.84	96.83	34213.54	5395.36	28818.18
83+50.00	120.98	50.38	195.41	70.86	34408.95	5466.23	28942.72
84+00.00	85.42	7.26	191.10	53.38	34600.05	5519.60	29080.45
84+37.00	142.24	0.00	155.99	4.98	34756.04	5524.58	29231.46
84+50.00	106.29	0.01	59.83	0.00	34815.87	5524.58	29291.29
85+00.00	142.50	3.13	230.36	2.91	35046.23	5527.49	29518.74

OMRO ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
85+50.00	165.72	0.50	285.38	3.35	35331.61	5530.84	29800.77
85+72.00	257.59	0.00	172.46	0.20	35504.07	5531.04	29973.03
85+92.00	205.37	0.00	171.47	0.00	35675.54	5531.05	30144.50
86+00.00	189.86	0.00	58.55	0.00	35734.10	5531.05	30203.05
86+50.00	209.84	0.06	370.09	0.06	36104.18	5531.10	30573.08
87+00.00	119.86	0.00	305.27	0.06	36409.46	5531.16	30878.30
87+50.00	109.65	0.00	212.50	0.00	36621.96	5531.16	31090.80
88+00.00	178.29	0.00	266.61	0.00	36888.57	5531.16	31357.41
88+50.00	206.20	0.00	356.00	0.00	37244.57	5531.16	31713.41
89+00.00	134.54	0.97	315.50	0.90	37560.07	5532.06	32028.01
89+33.00	171.45	0.00	187.00	0.60	37747.07	5532.66	32214.41
89+50.00	114.61	2.89	90.06	0.91	37837.12	5533.56	32303.56
90+00.00	148.50	0.00	243.62	2.67	38080.74	5536.24	32544.50
90+34.00	122.86	9.67	170.86	6.09	38251.60	5542.32	32709.27
90+50.00	93.82	18.88	64.20	8.46	38315.80	5550.78	32765.02
90+85.00	122.52	18.95	140.22	24.51	38456.02	5575.30	32880.73
91+00.00	89.27	20.15	58.83	10.86	38514.86	5586.16	32928.70
91+29.00	109.22	0.64	106.60	11.17	38621.45	5597.32	33024.13
91+50.00	84.74	5.45	75.43	2.37	38696.88	5599.69	33097.19
91+72.00	114.57	3.00	81.20	3.44	38778.08	5603.13	33174.94
92+00.00	100.85	20.26	111.70	12.06	38889.78	5615.20	33274.58
92+15.00	158.55	23.28	72.05	12.09	38961.83	5627.29	33334.54
92+50.00	117.09	2.75	178.65	16.87	39140.48	5644.16	33496.32
92+73.00	183.96	1.41	128.22	1.77	39268.71	5645.94	33622.77
93+00.00	189.19	0.78	186.57	1.09	39455.28	5647.03	33808.25
93+50.00	127.73	9.07	293.45	9.12	39748.72	5656.15	34092.58
94+00.00	200.31	0.00	303.75	8.40	40052.47	5664.55	34387.92
94+16.00	214.00	0.25	122.76	0.07	40175.23	5664.62	34510.61

9

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PROJECT NO: 6436-00-71 | HWY: OMRO ROAD | COUNTY: WINNEBAGO | CROSS SECTIONS: EARTHWORK QUANTITIES | SHEET 273 | E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 127

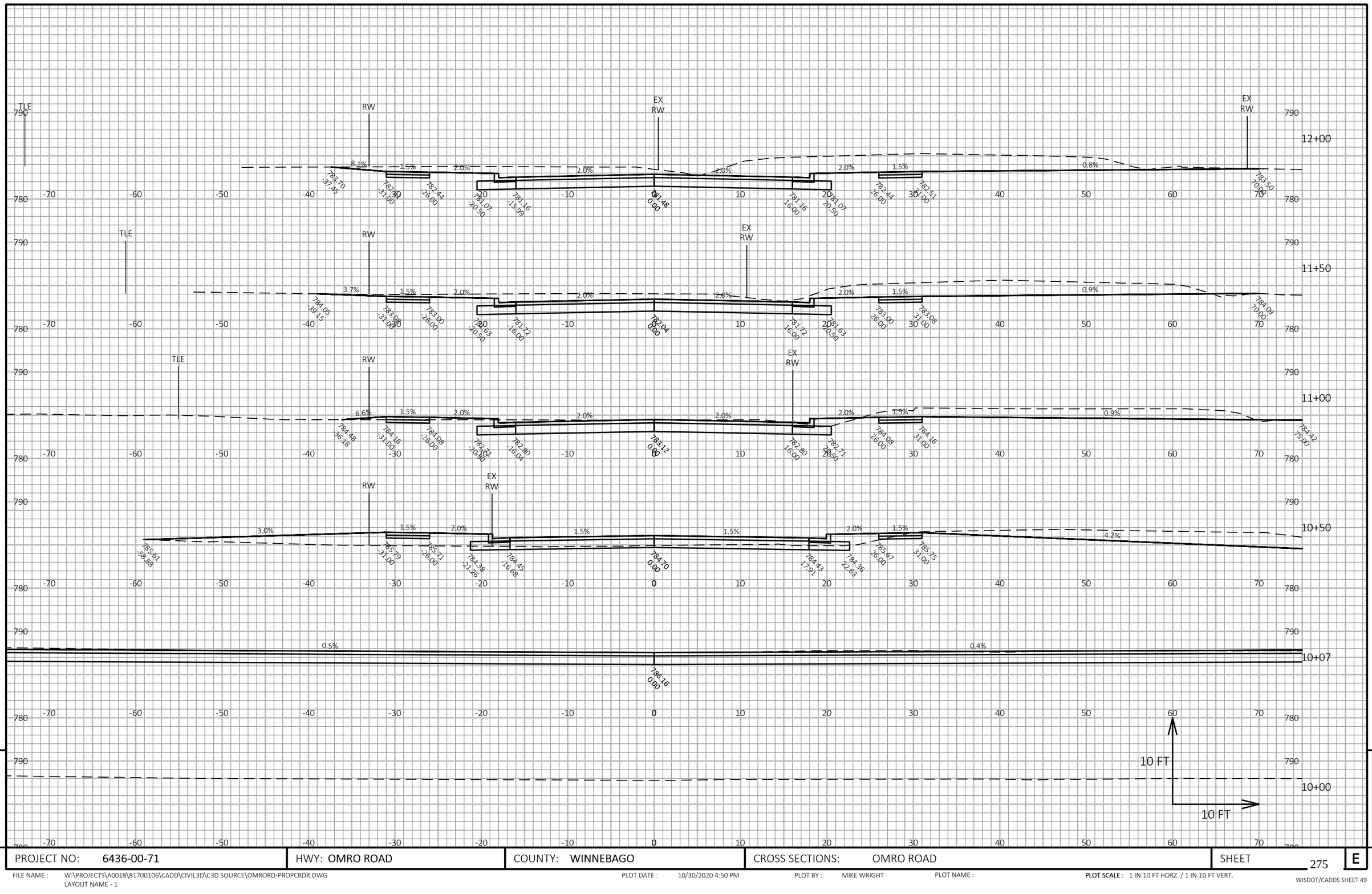
PLOT DATE : 10/30/2020 5:16 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

OMRO ROAD

Total Volume Table							
Station	Cut Area	Fill Area	Cut Vol	Fill Vol	Cum Cut Vol	Cum Fill Vol	Net Vol
94+50.00	155.30	7.43	232.52	4.84	40407.75	5669.46	34738.29
95+00.00	152.01	8.02	284.55	14.31	40692.30	5683.76	35008.53
95+50.00	192.71	12.35	319.19	18.86	41011.48	5702.63	35308.86
96+00.00	132.98	28.31	301.57	37.65	41313.05	5740.28	35572.77
96+50.00	136.14	39.06	249.19	62.38	41562.24	5802.66	35759.58
97+00.00	130.92	21.74	247.27	56.30	41809.51	5858.95	35950.56
97+50.00	106.57	0.99	219.90	21.05	42029.41	5880.00	36149.40
98+00.00	113.49	33.80	203.76	32.21	42233.17	5912.22	36320.95
98+31.00	159.73	43.67	156.85	44.48	42390.02	5956.69	36433.32
98+50.00	117.29	51.57	97.47	33.51	42487.49	5990.21	36497.28
99+00.00	92.65	77.10	196.74	111.18	42684.23	6101.39	36582.84
99+50.00	172.52	88.79	251.07	142.48	42935.31	6243.87	36691.43
100+00.00	140.66	20.39	295.57	94.87	43230.88	6338.74	36892.14
100+50.00	167.39	31.83	285.55	48.07	43516.43	6386.81	37129.63
101+00.00	187.16	33.49	328.29	60.48	43844.72	6447.28	37397.44
101+50.00	182.20	29.40	342.00	58.23	44186.72	6505.51	37681.21
102+00.00	208.82	0.00	362.05	27.22	44548.78	6532.74	38016.04
102+18.00	187.96	0.00	132.26	0.00	44681.04	6532.74	38148.30
102+50.00	107.95	22.93	177.22	15.34	44858.26	6548.07	38310.19
103+00.00	78.17	43.91	170.71	71.81	45028.97	6619.88	38409.09
103+50.00	61.75	82.98	128.83	133.39	45157.79	6753.28	38404.52
104+00.00	0.00	0.00	57.17	76.83	45214.97	6830.11	38384.86

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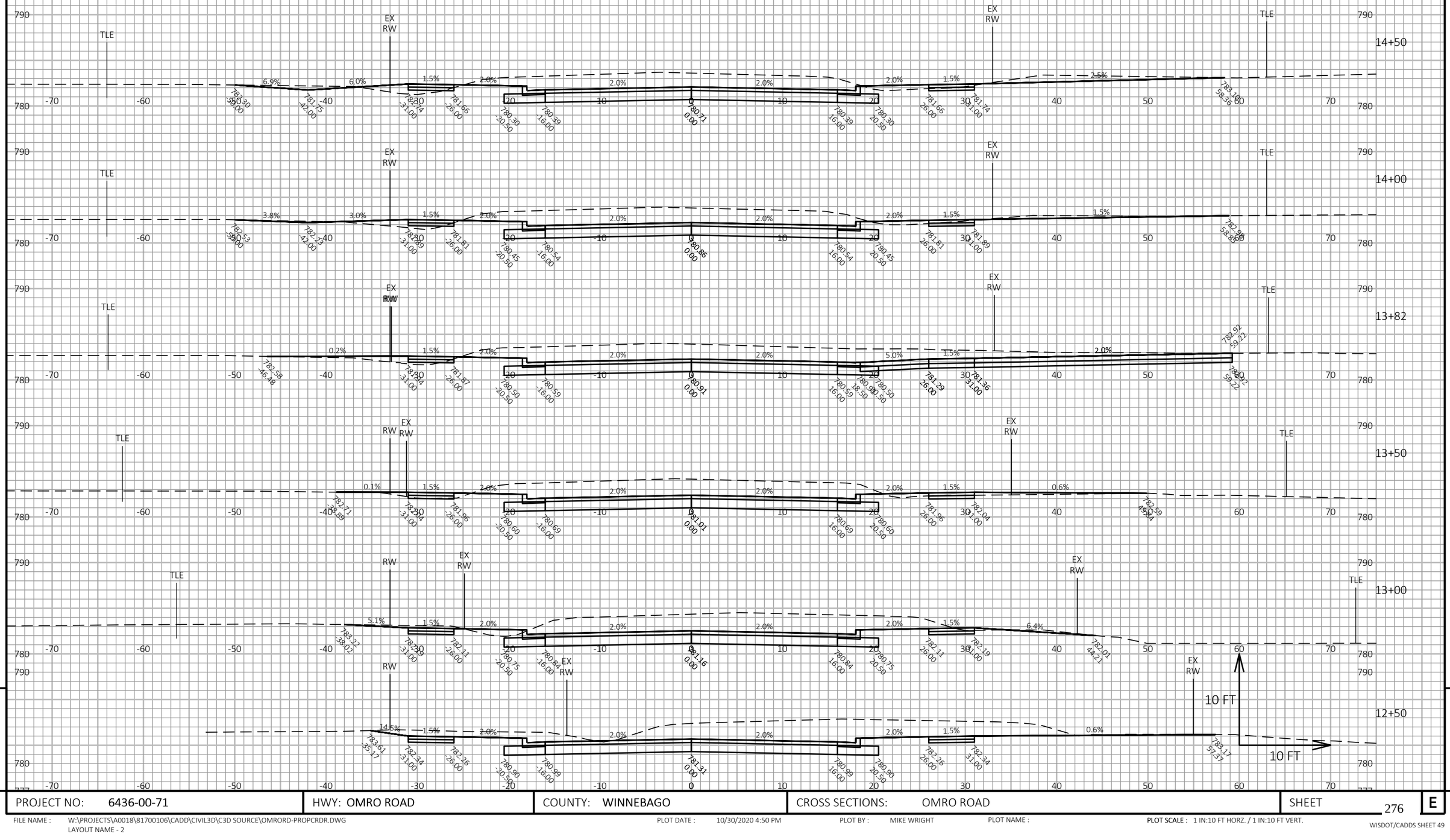
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 275	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 1

PLOT DATE : 10/30/2020 4:50 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 276 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 2

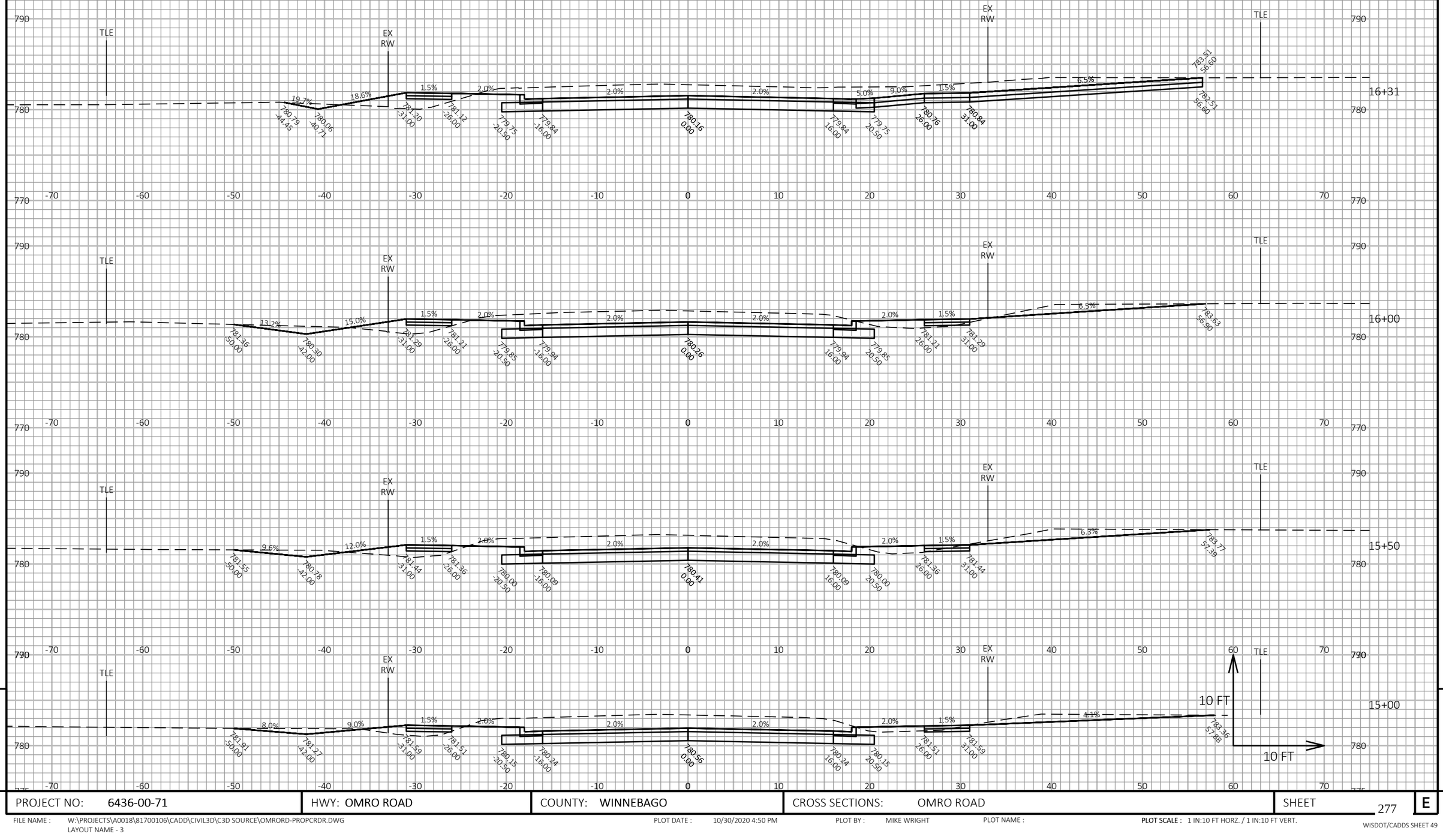
PLOT DATE : 10/30/2020 4:50 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

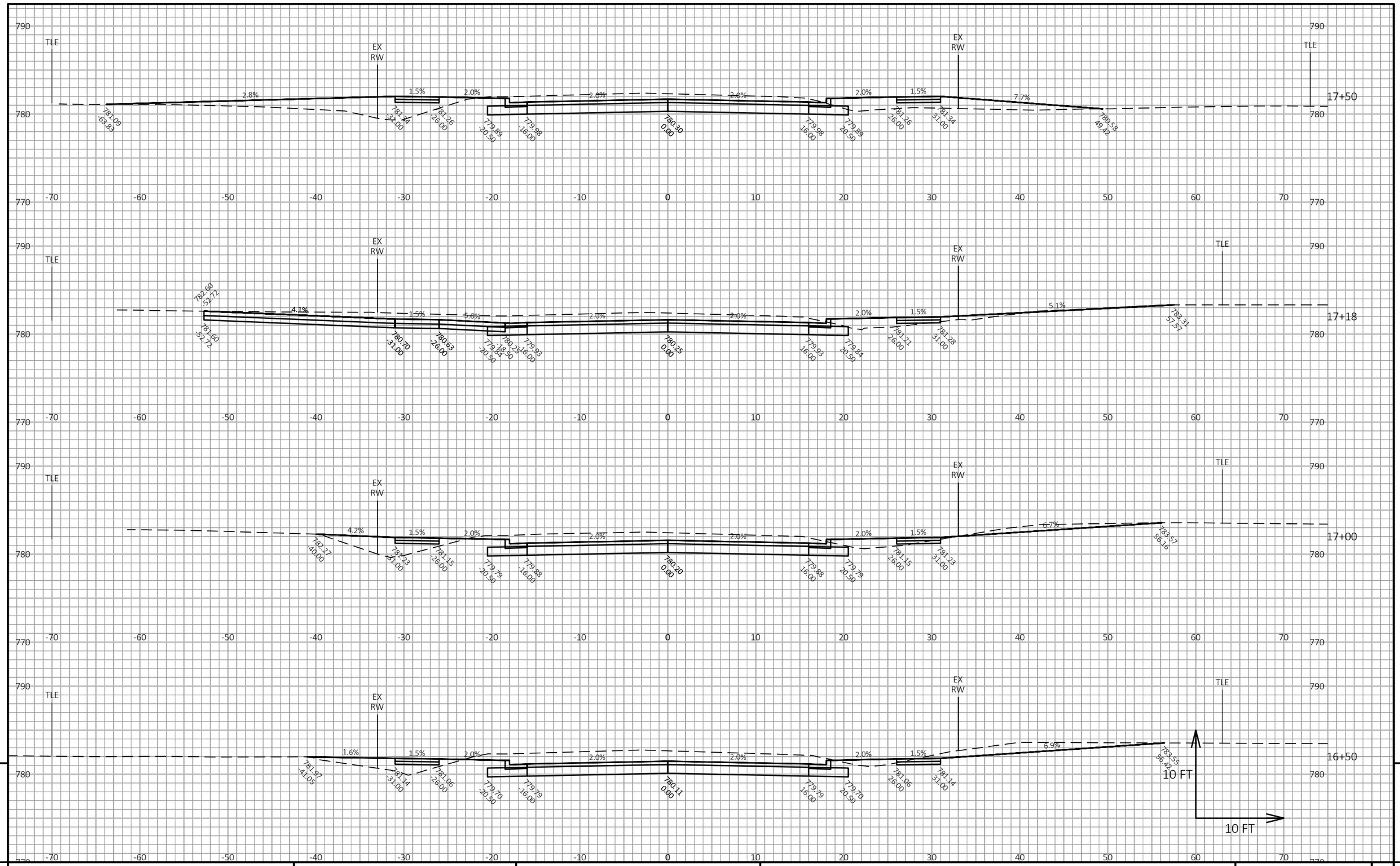


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 277	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 3

PLOT DATE : 10/30/2020 4:50 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

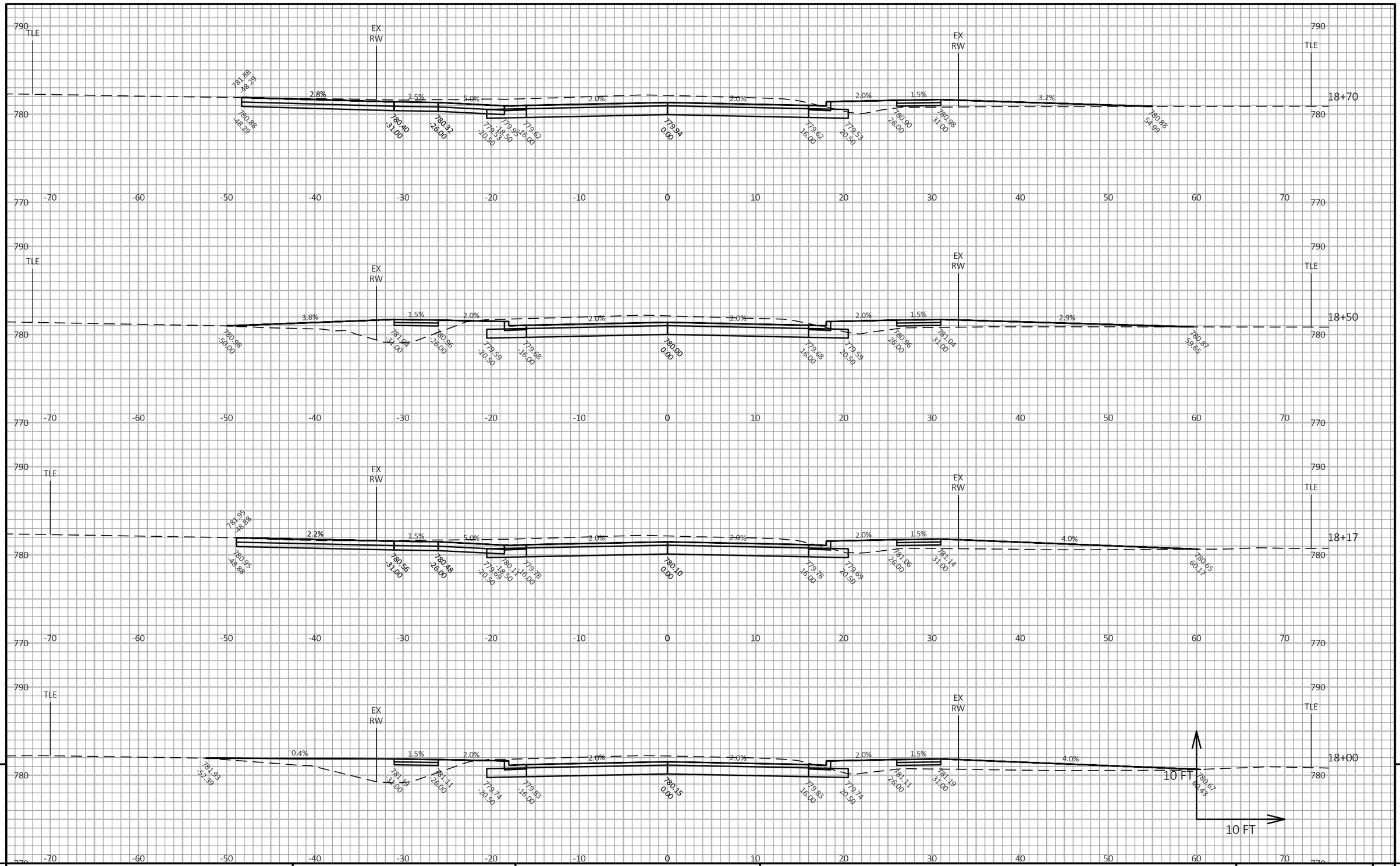
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 278	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 4

PLOT DATE : 10/30/2020 4:51 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

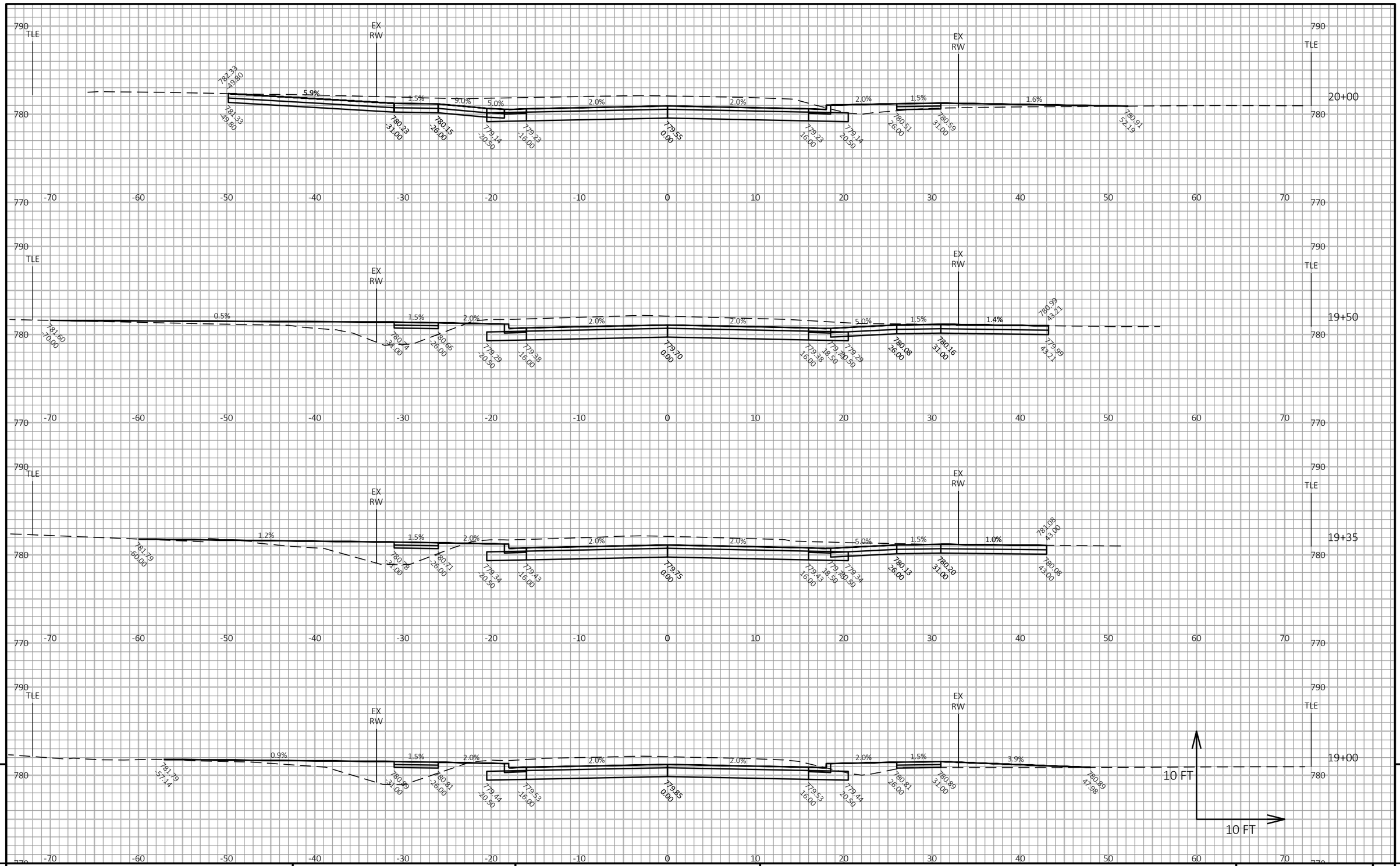


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 279 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 5

PLOT DATE : 10/30/2020 4:51 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

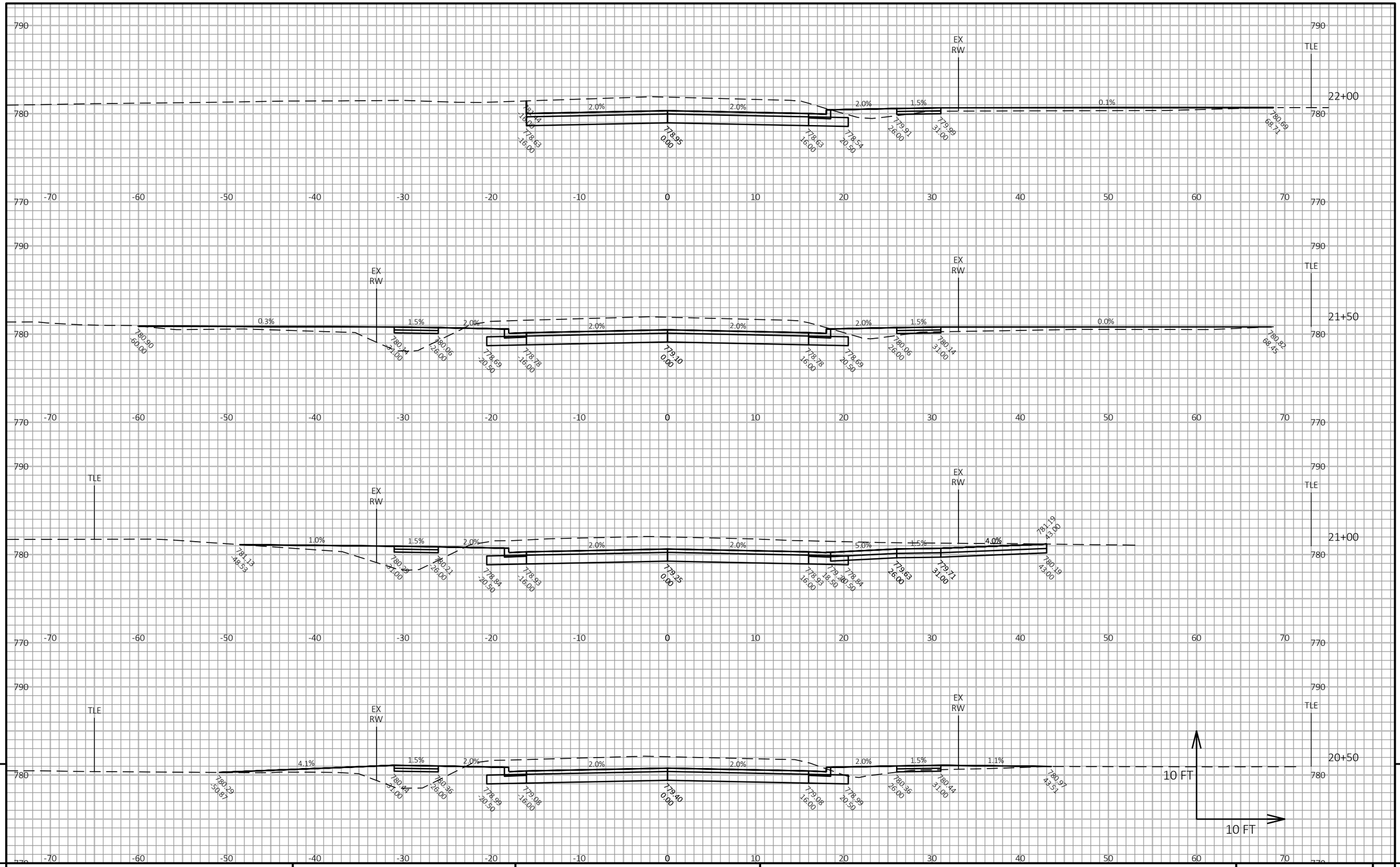


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 280	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 6

PLOT DATE : 10/30/2020 4:51 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 281	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 7

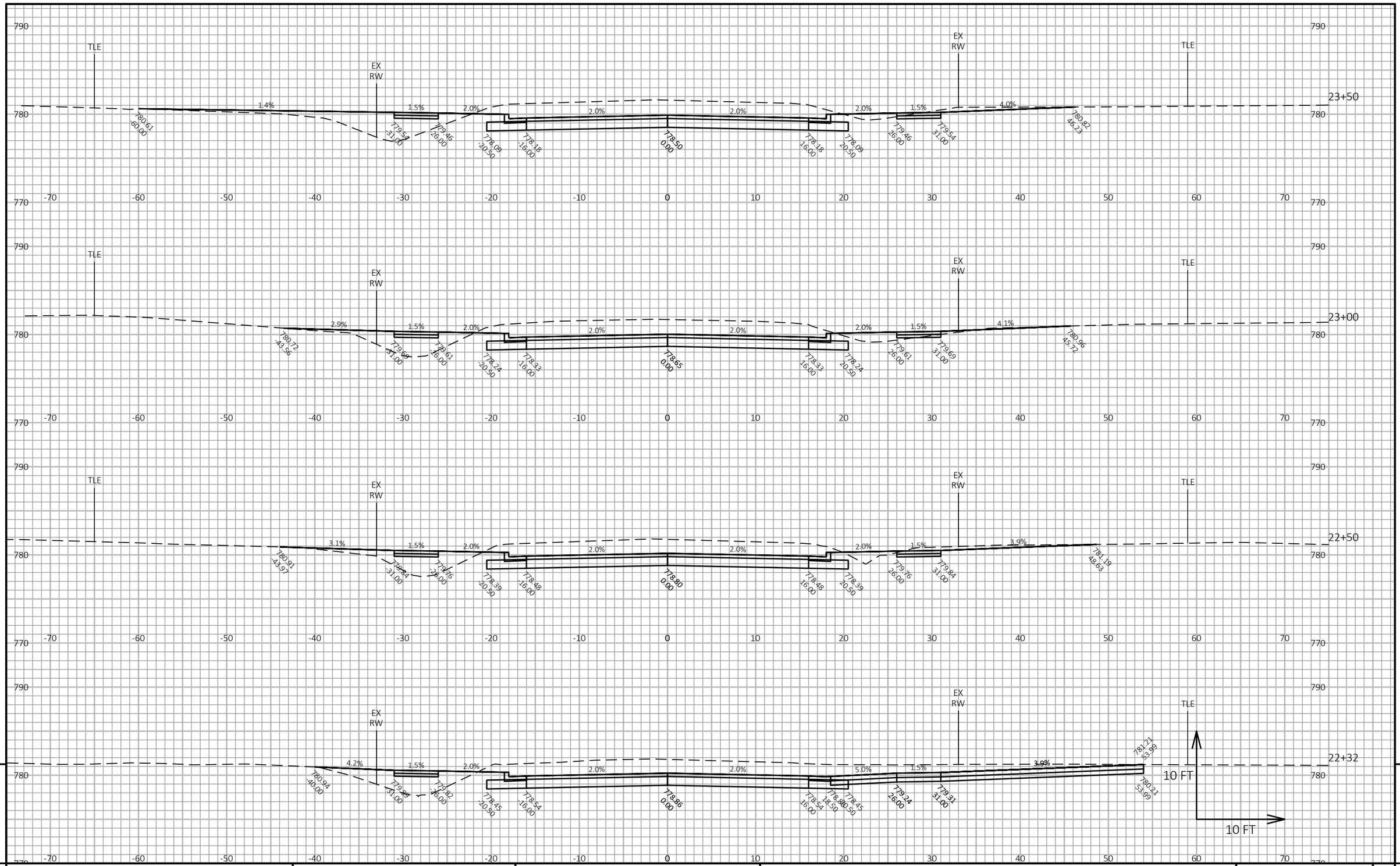
PLOT DATE : 10/30/2020 4:51 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

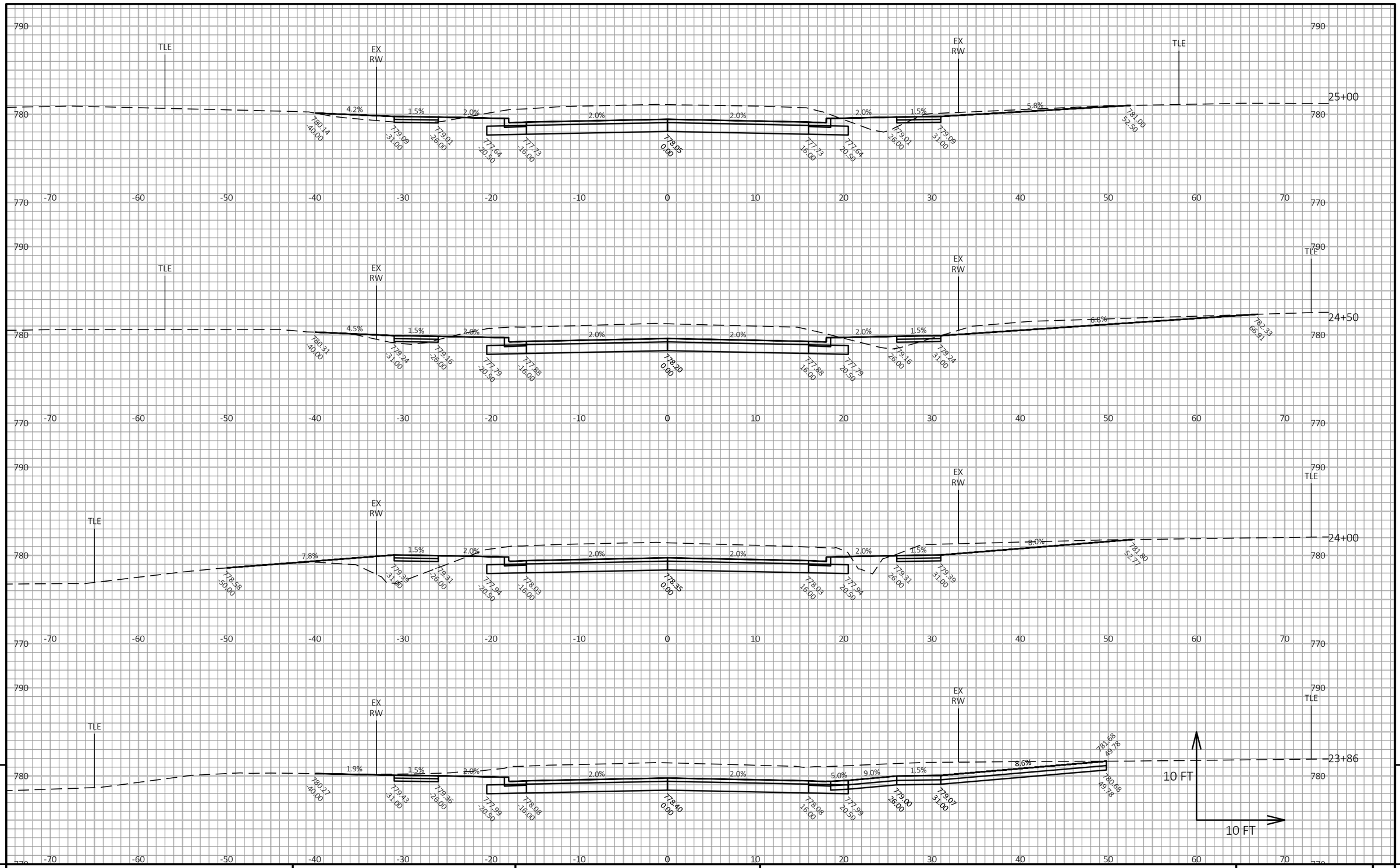


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 282	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 8

PLOT DATE : 10/30/2020 4:52 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

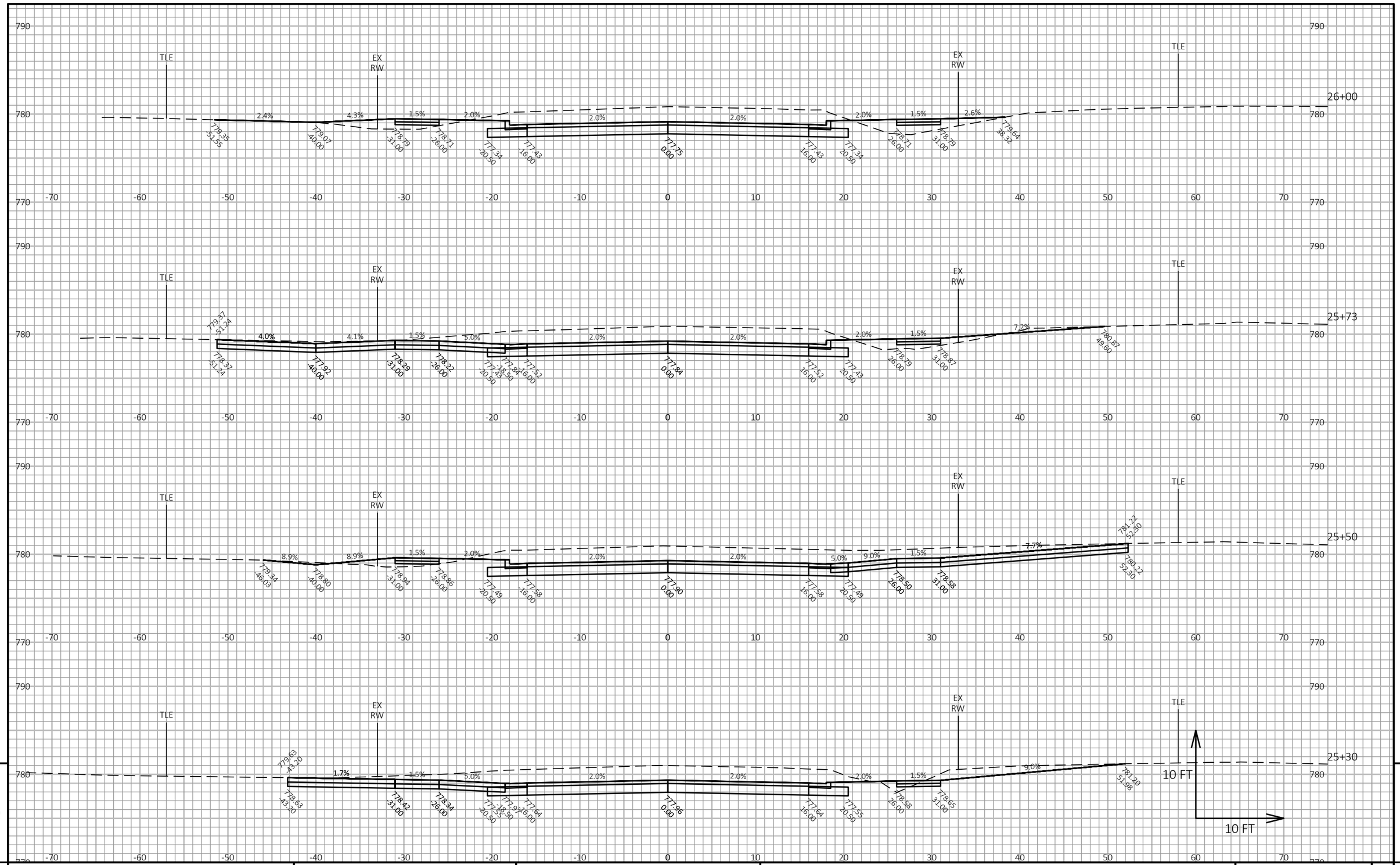


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 283	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 9

PLOT DATE : 10/30/2020 4:52 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

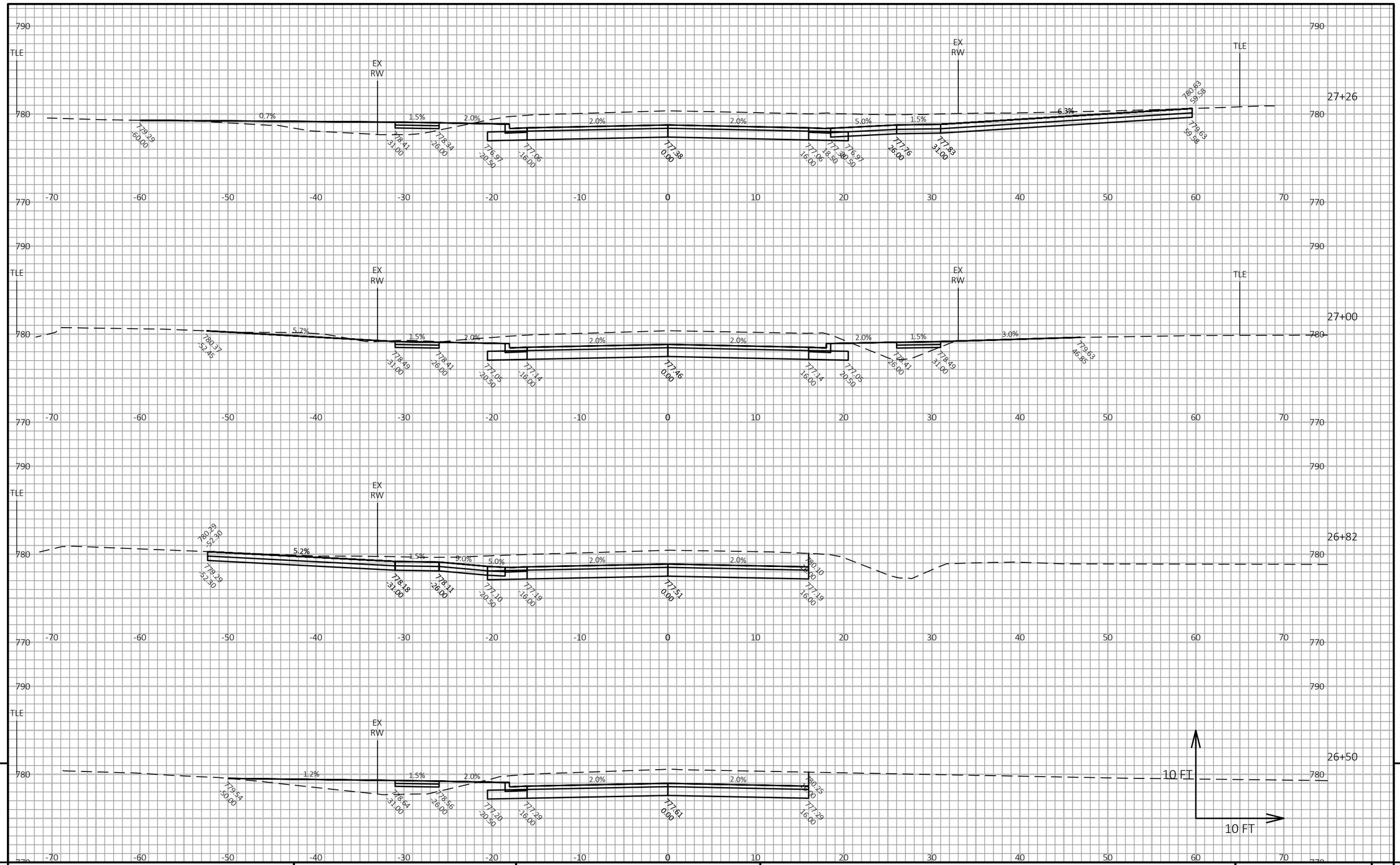


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 284	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 10

PLOT DATE : 10/30/2020 4:52 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



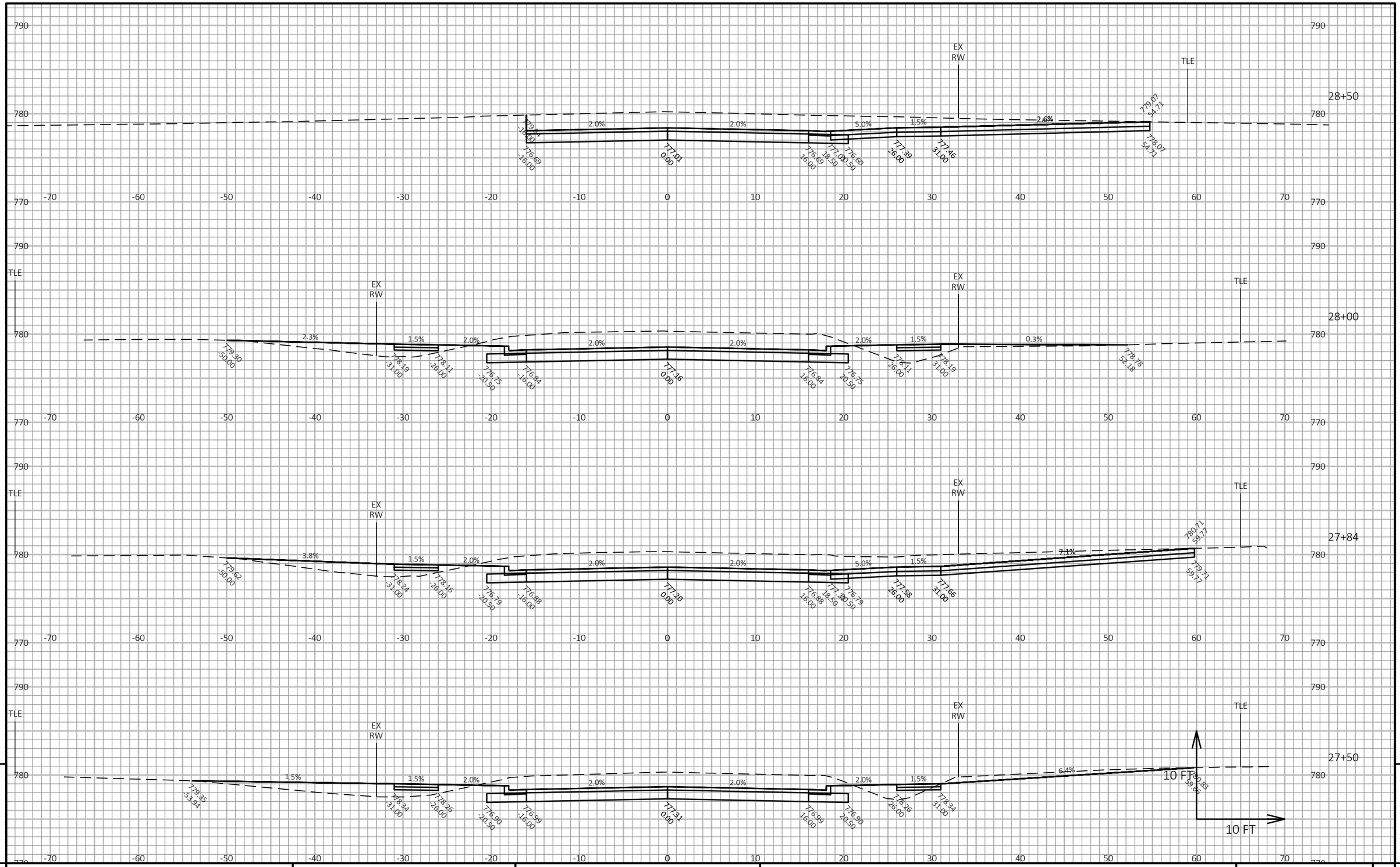
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 285	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 11

PLOT DATE : 10/30/2020 4:53 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



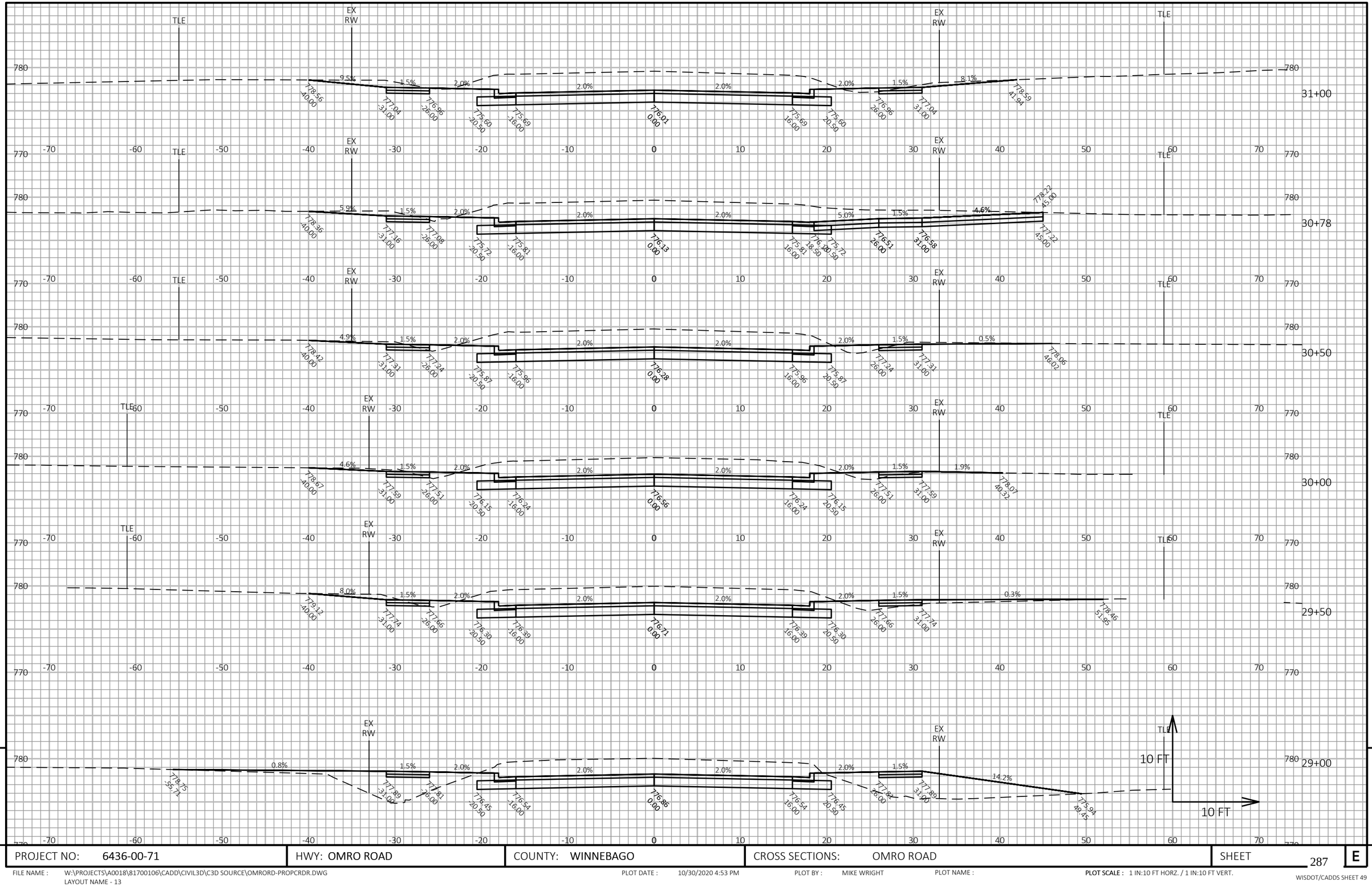
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 286	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 12

PLOT DATE : 10/30/2020 4:53 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

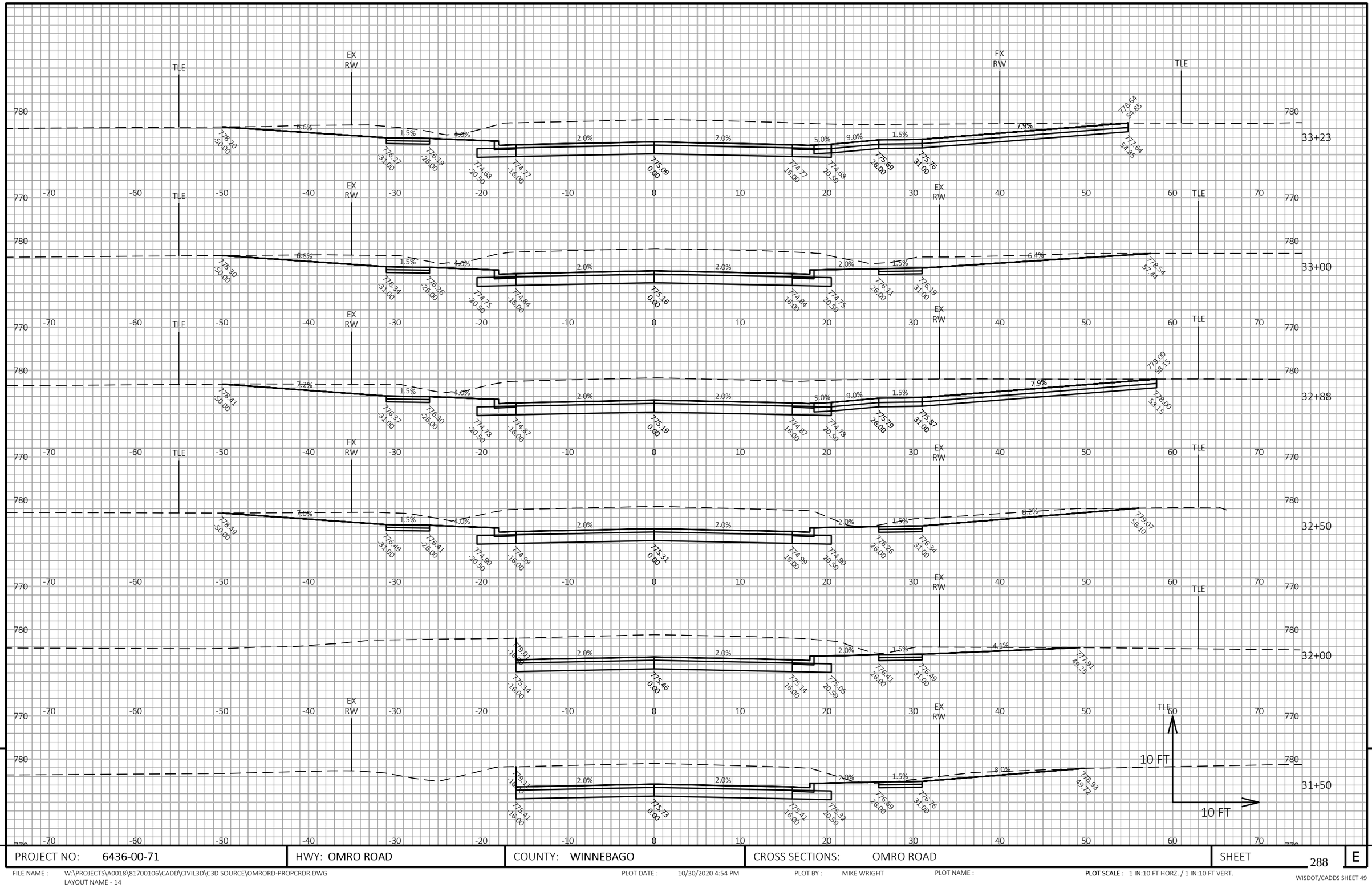


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 287 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 13

PLOT DATE : 10/30/2020 4:53 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



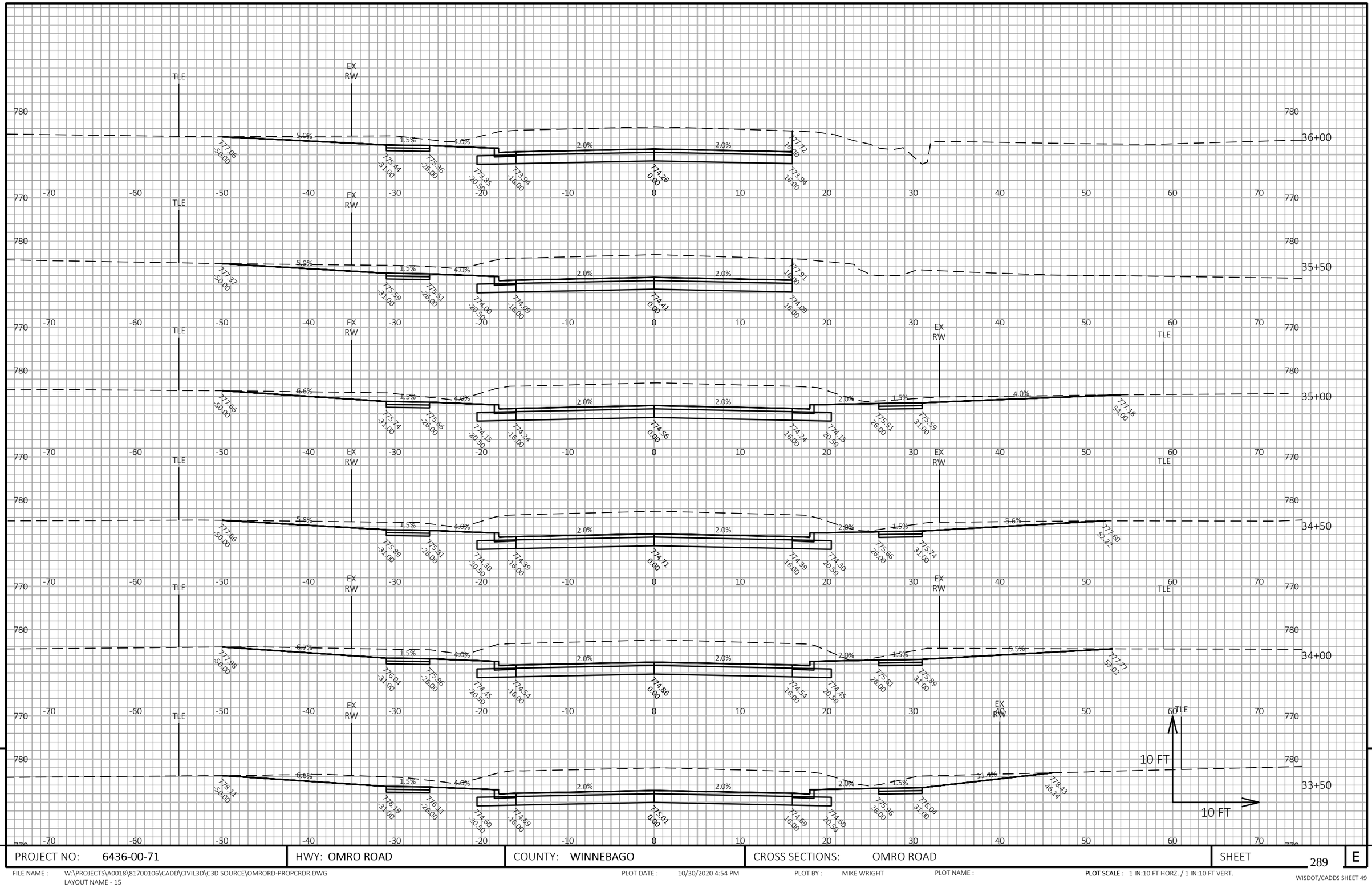
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 288	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 14

PLOT DATE : 10/30/2020 4:54 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



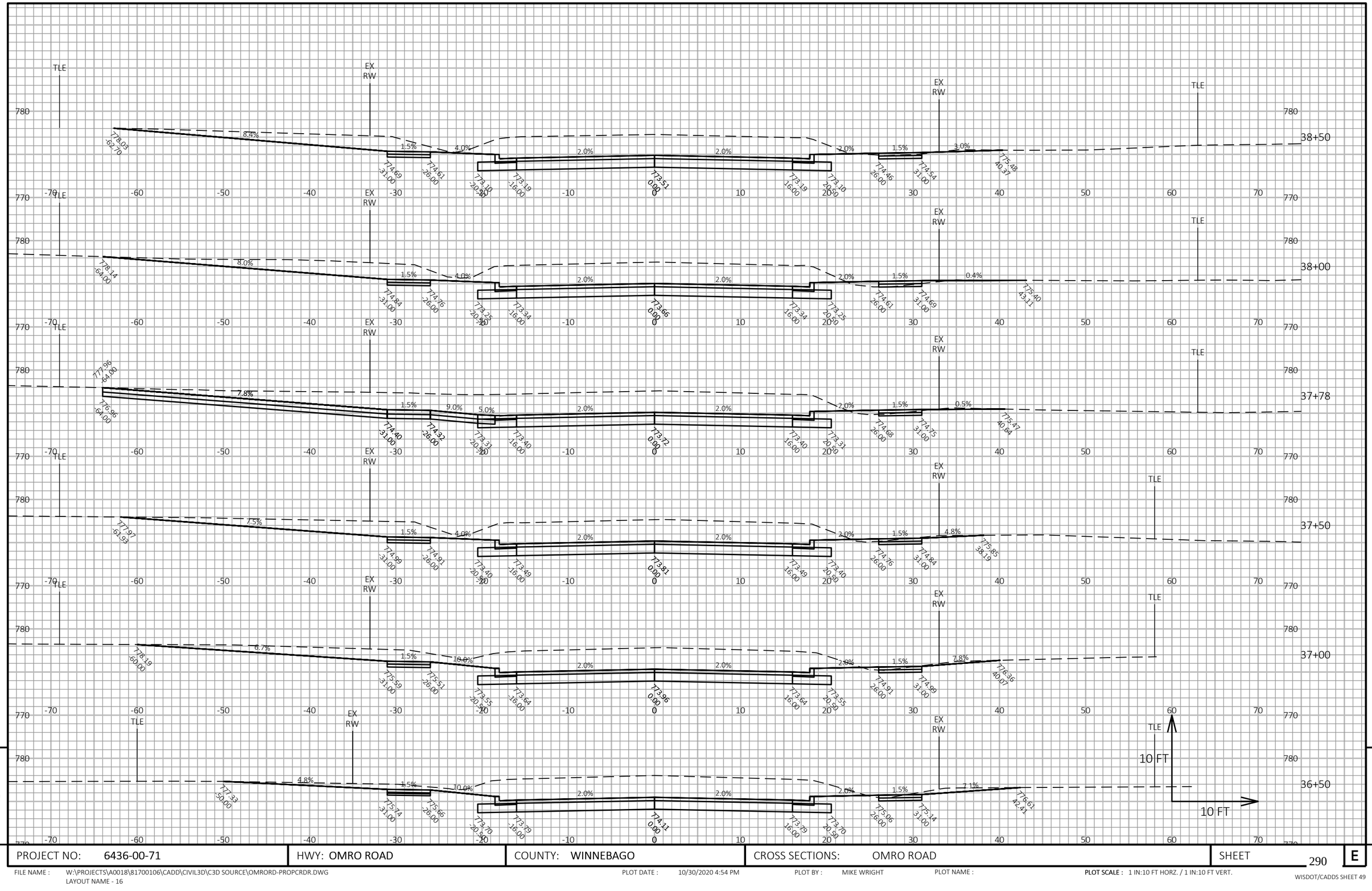
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 289	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 15

PLOT DATE : 10/30/2020 4:54 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

9

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 290	E

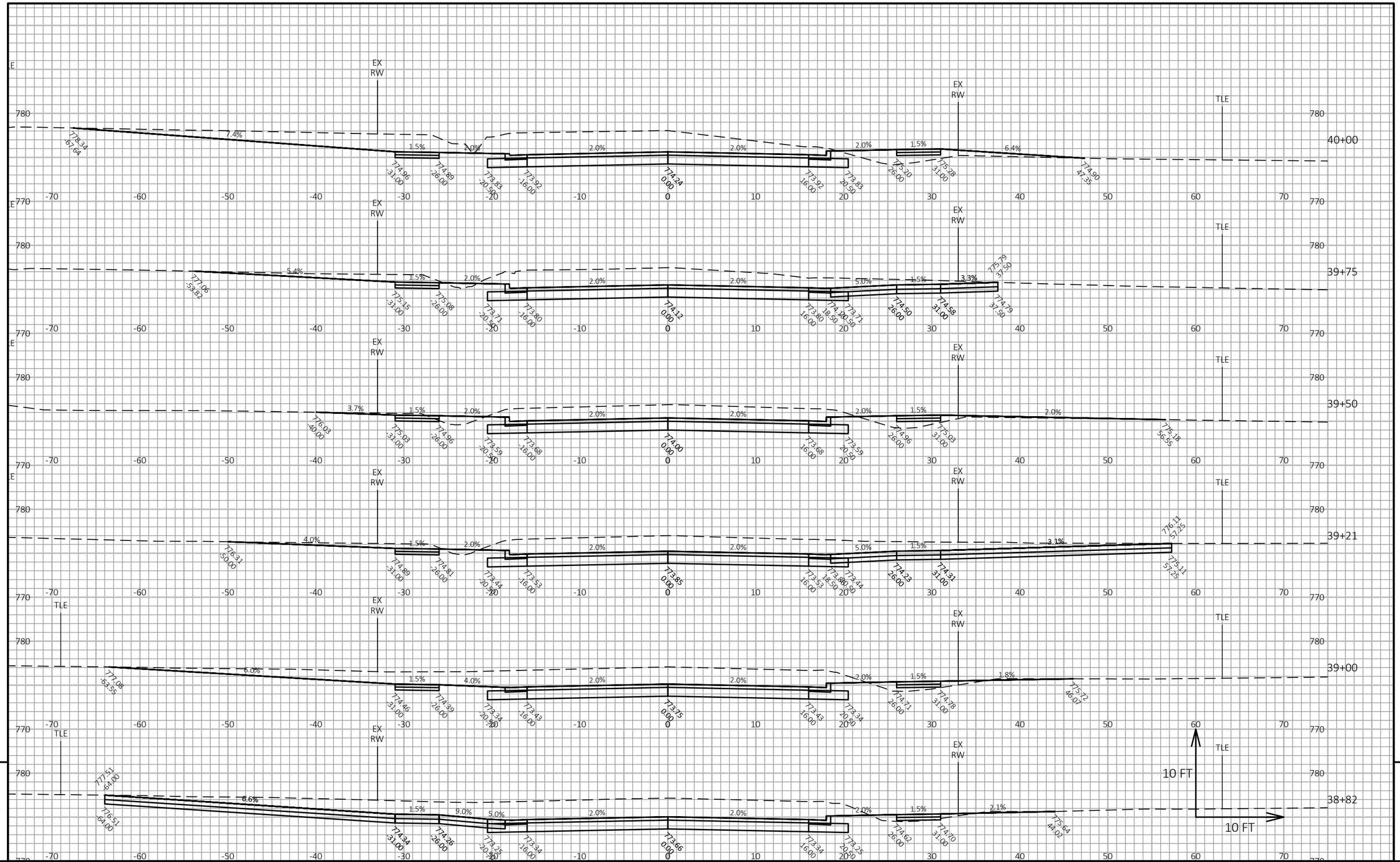
FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 16

PLOT DATE : 10/30/2020 4:54 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

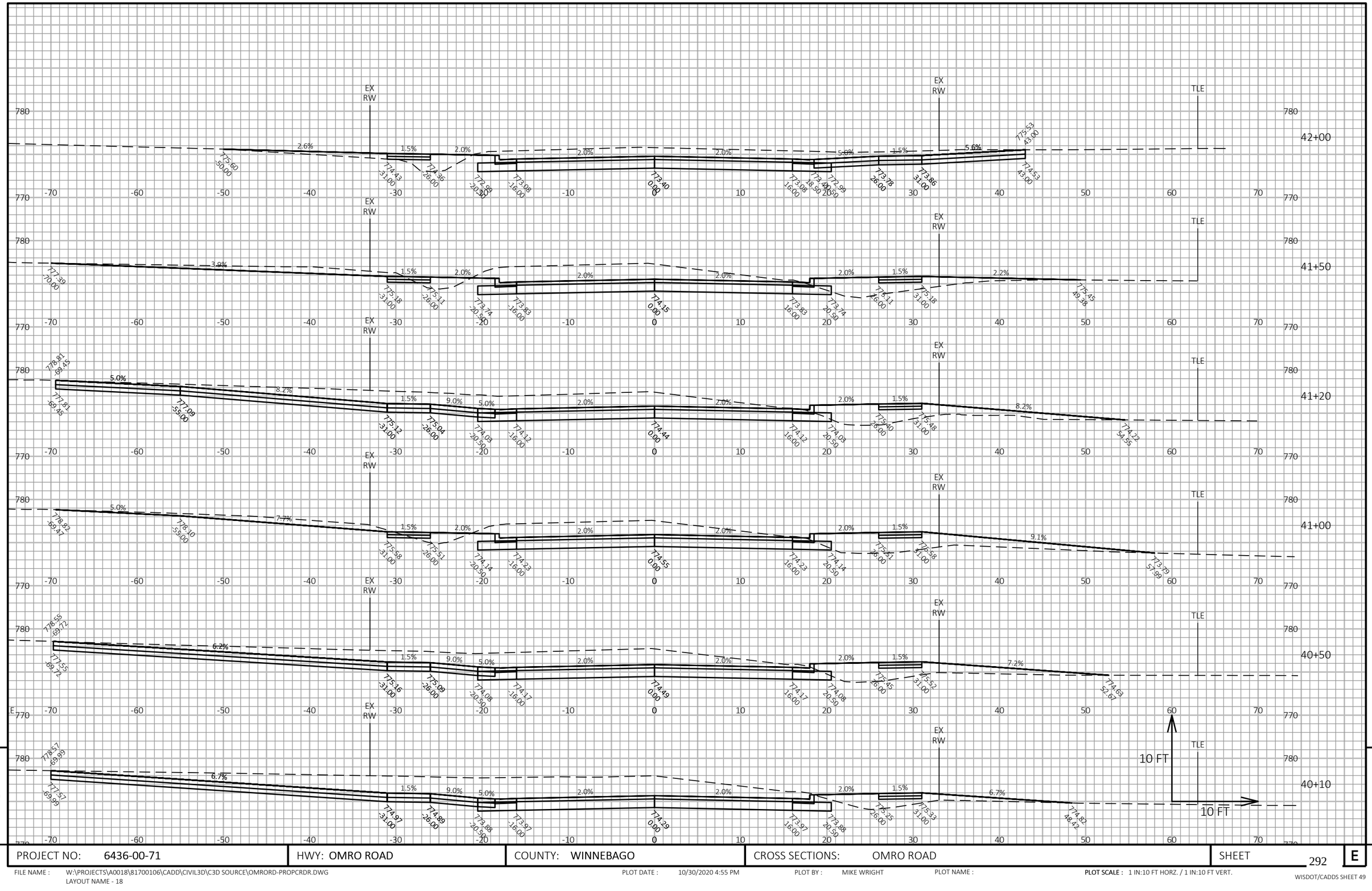


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 291 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 17

PLOT DATE : 10/30/2020 4:55 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

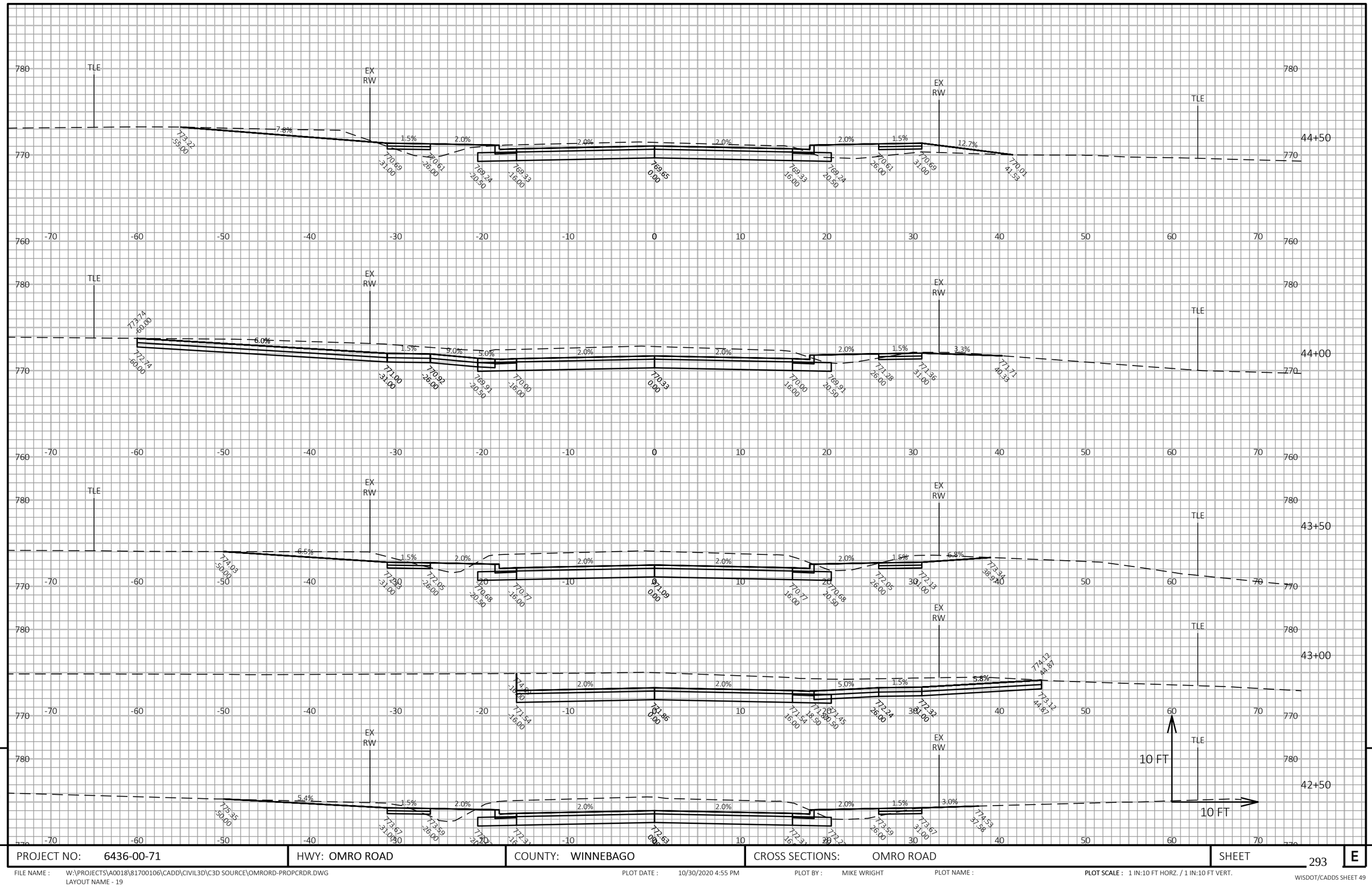


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 292 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 18

PLOT DATE : 10/30/2020 4:55 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 293 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 19

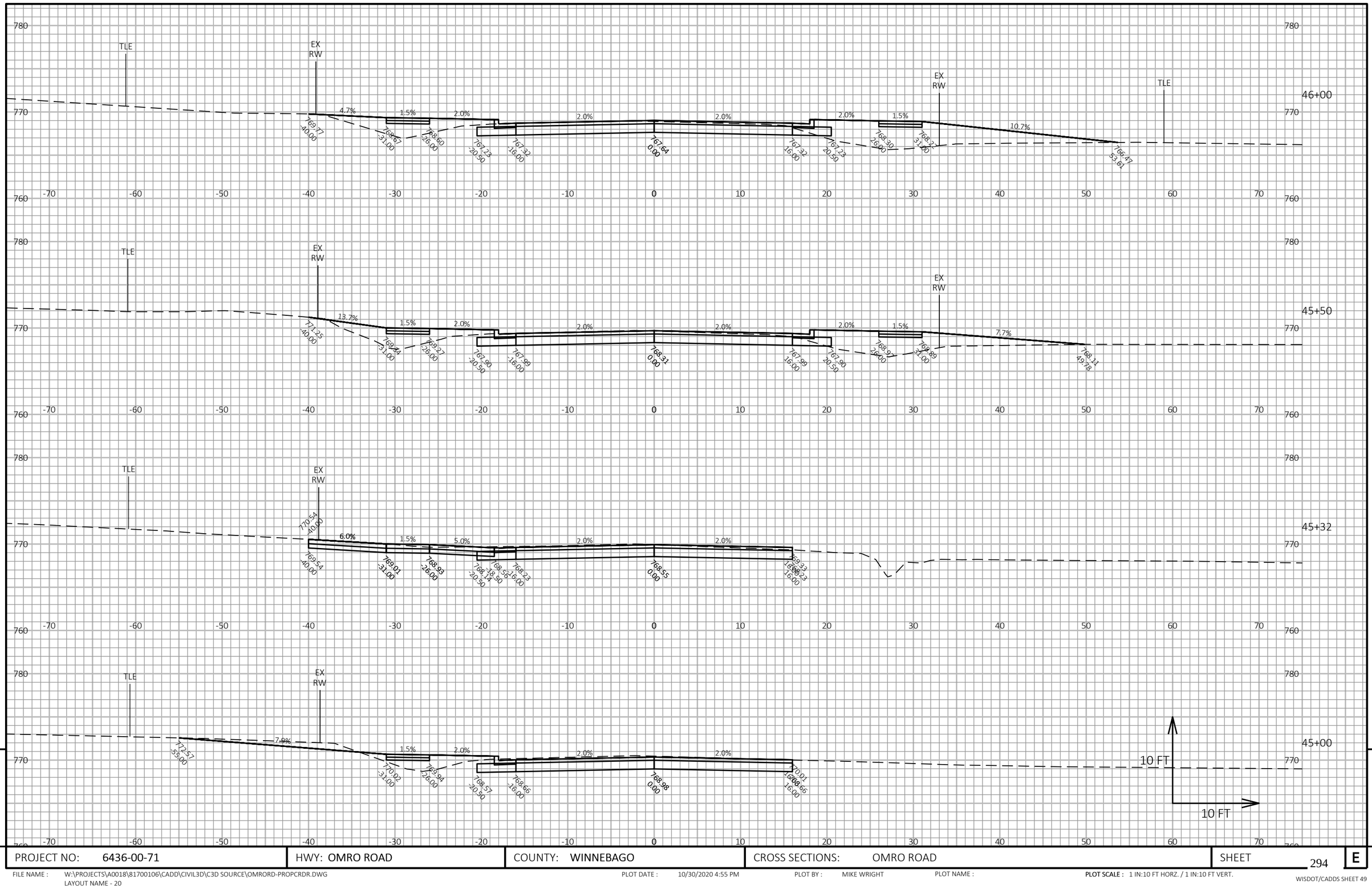
PLOT DATE : 10/30/2020 4:55 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



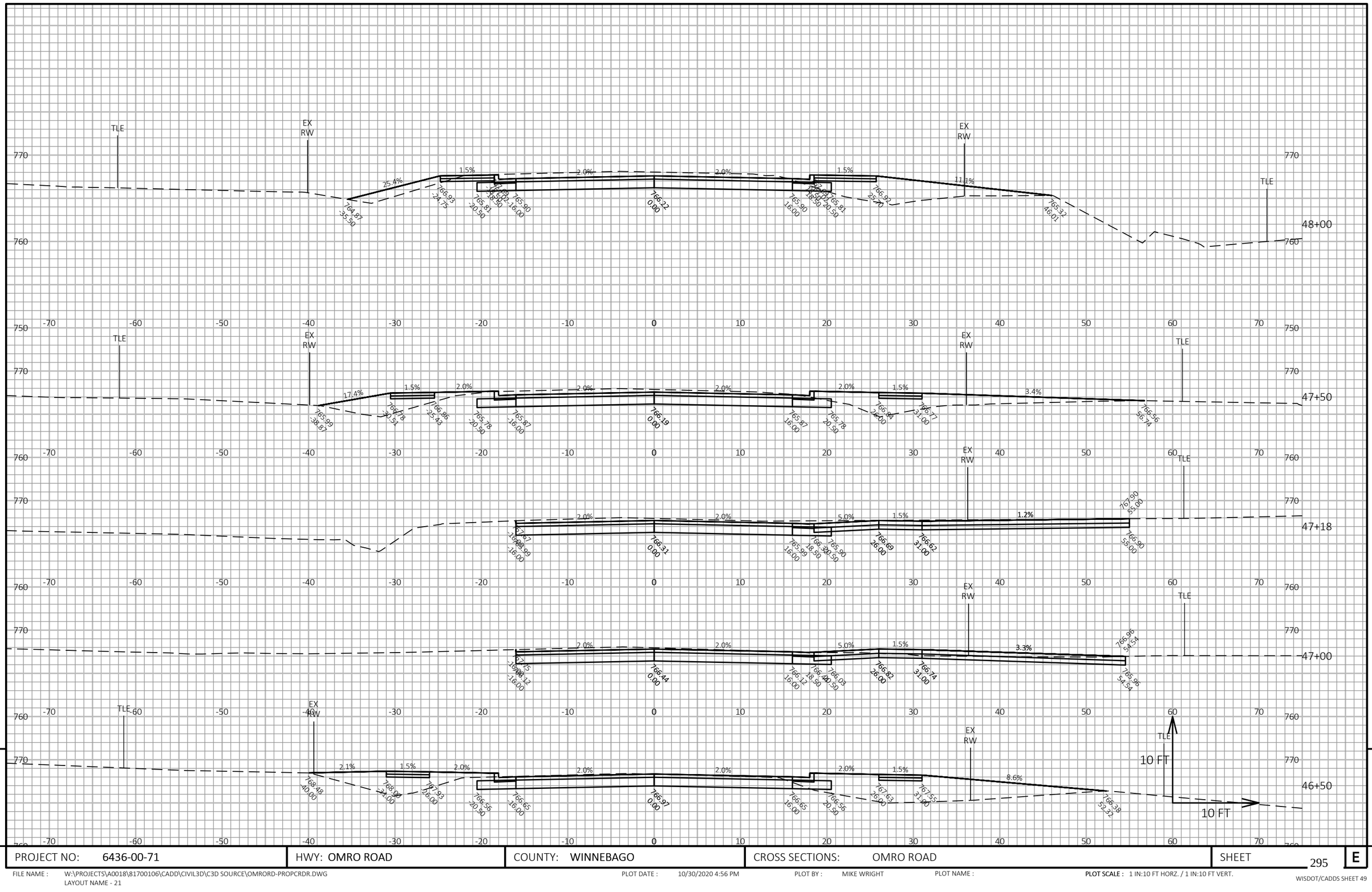
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 294	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 20

PLOT DATE : 10/30/2020 4:55 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



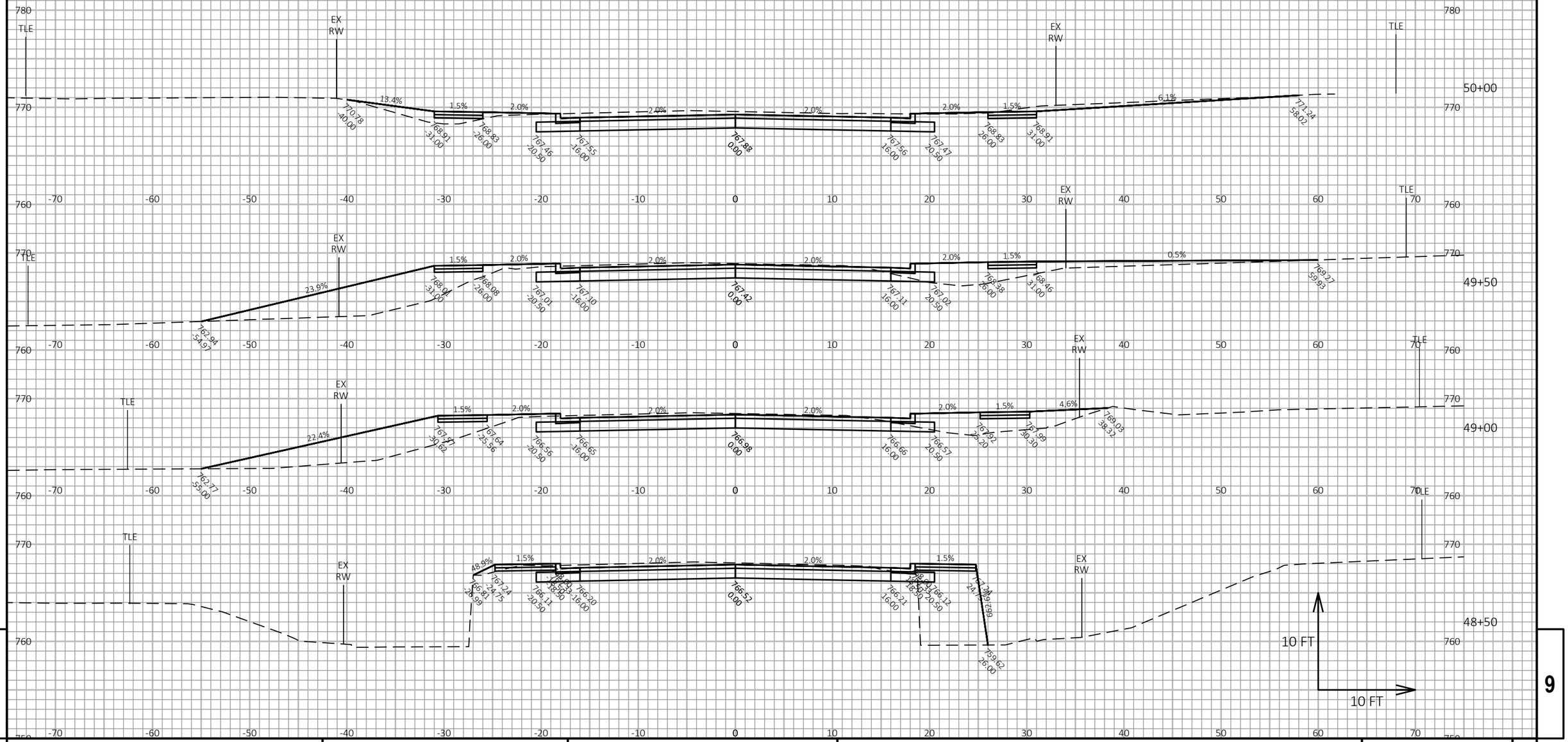
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 295	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 21

PLOT DATE : 10/30/2020 4:56 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

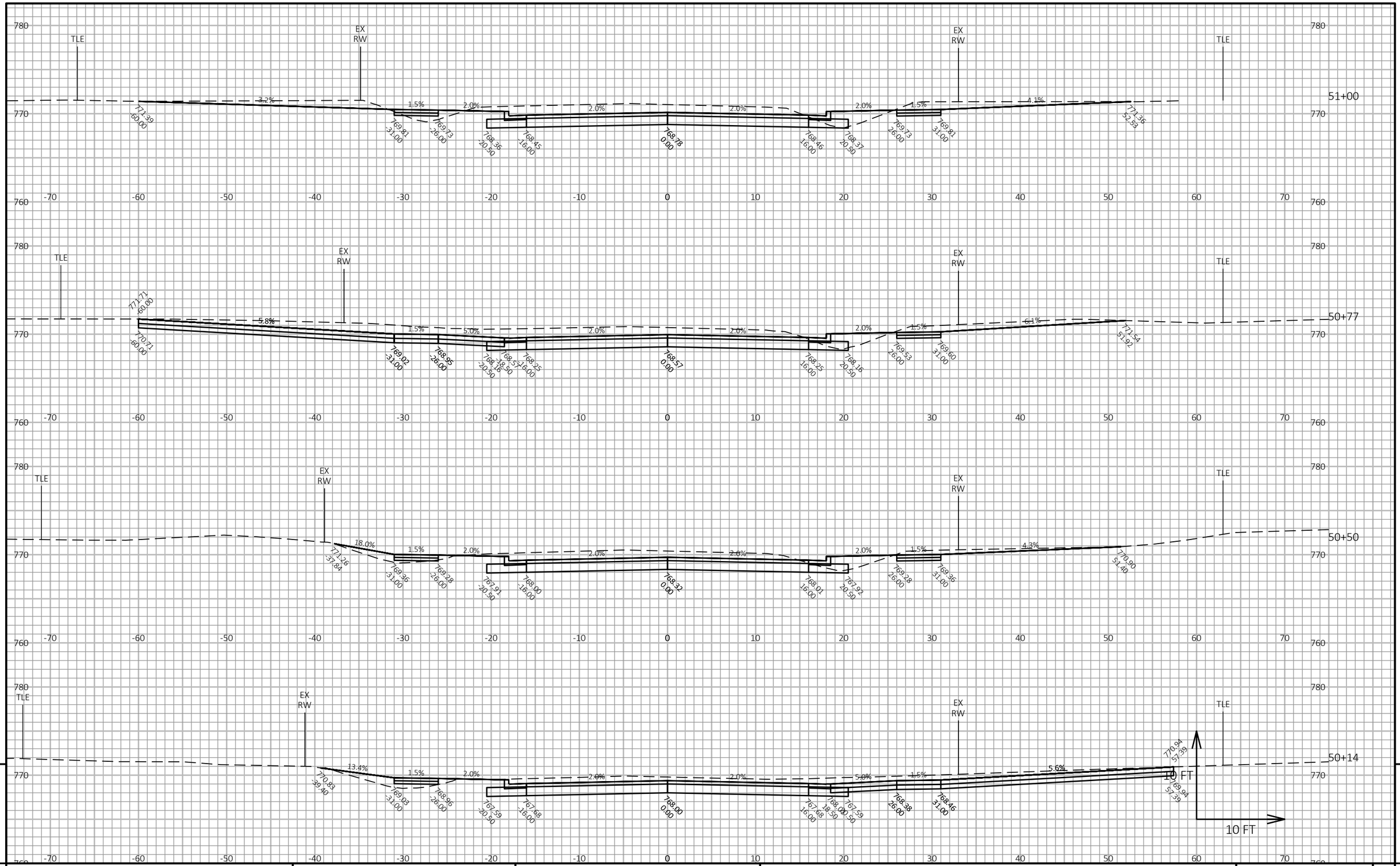


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 296 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 22

PLOT DATE : 10/30/2020 4:56 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



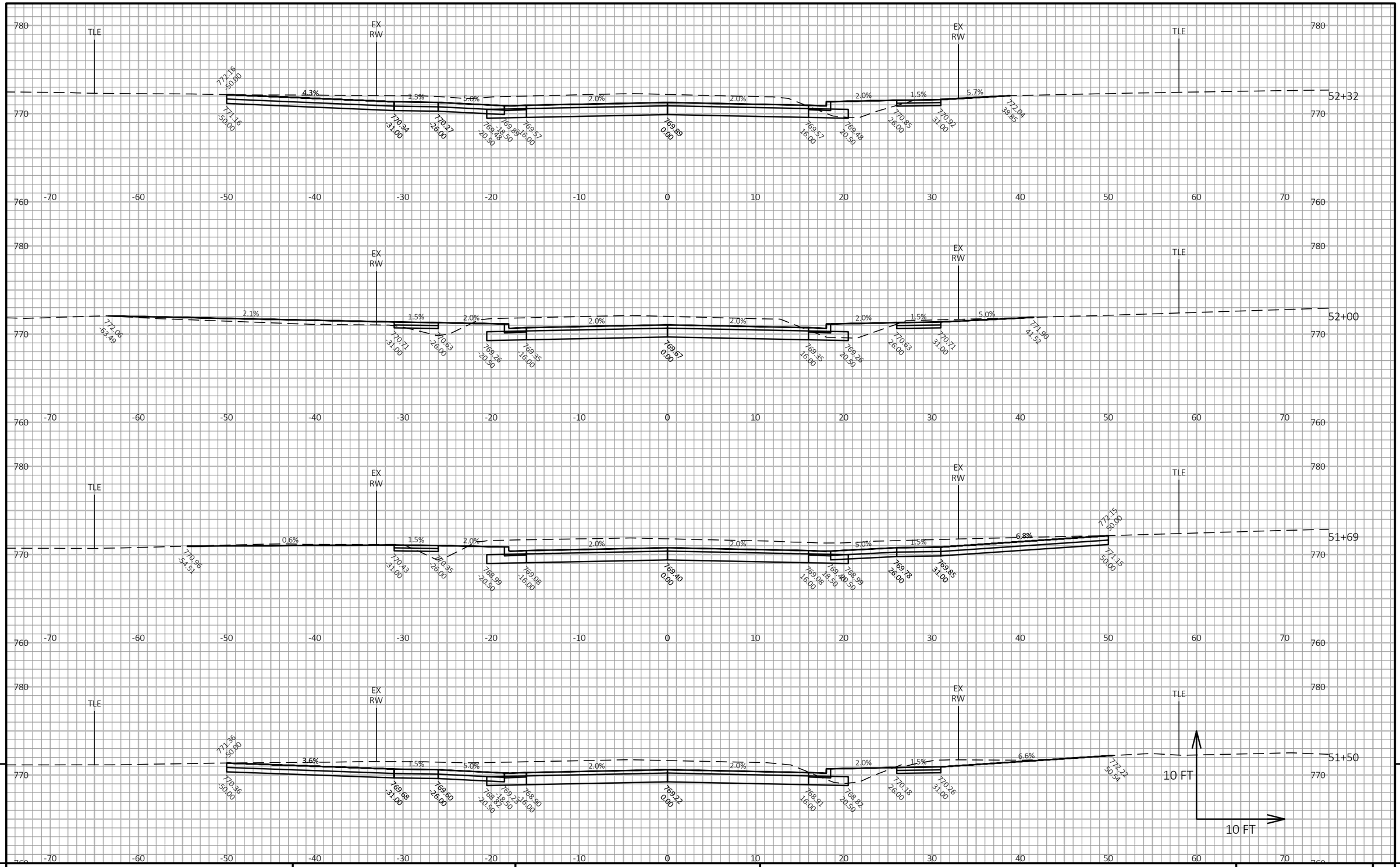
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 297	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 23

PLOT DATE : 10/30/2020 4:56 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

9

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 298	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 24

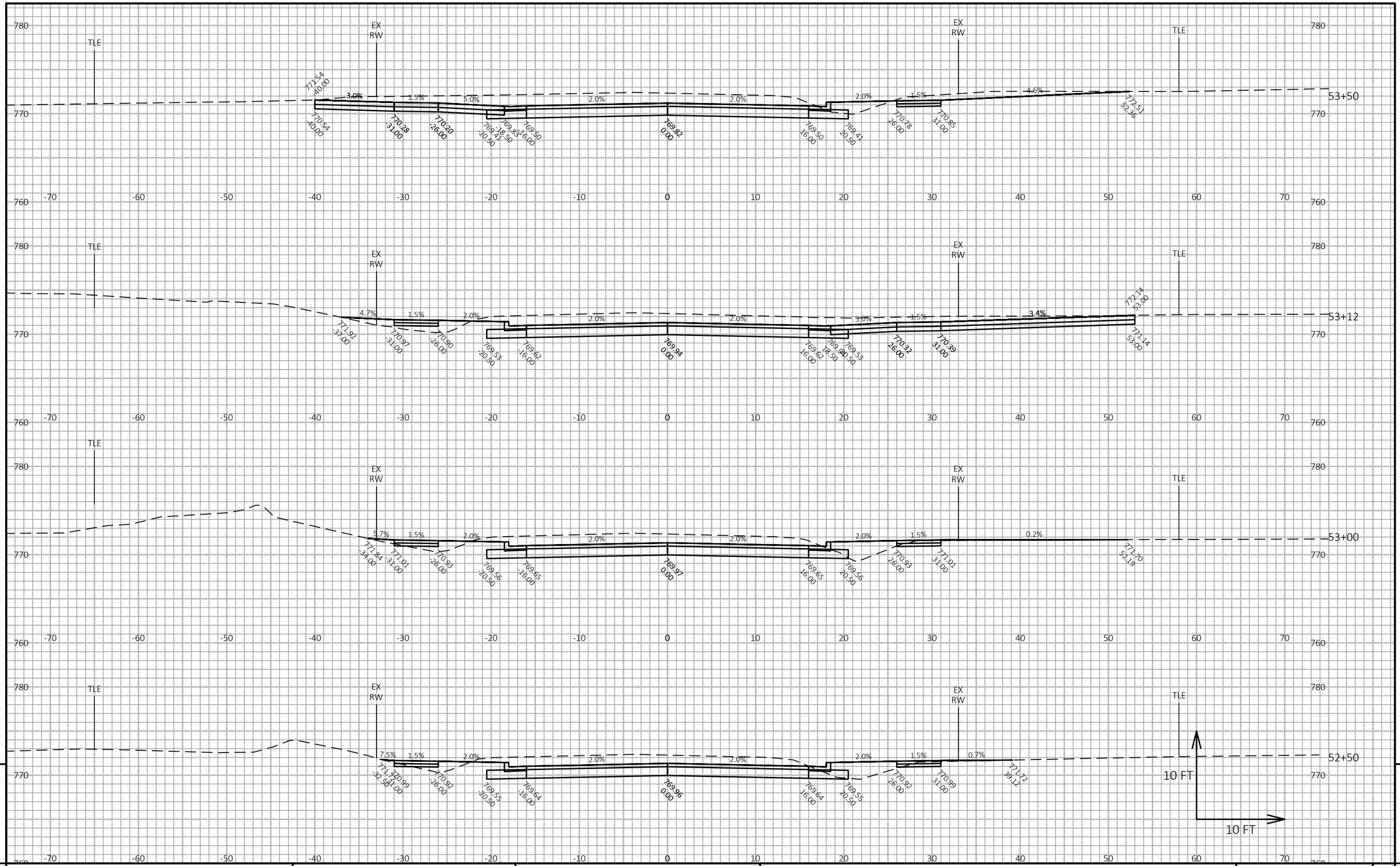
PLOT DATE : 10/30/2020 4:57 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

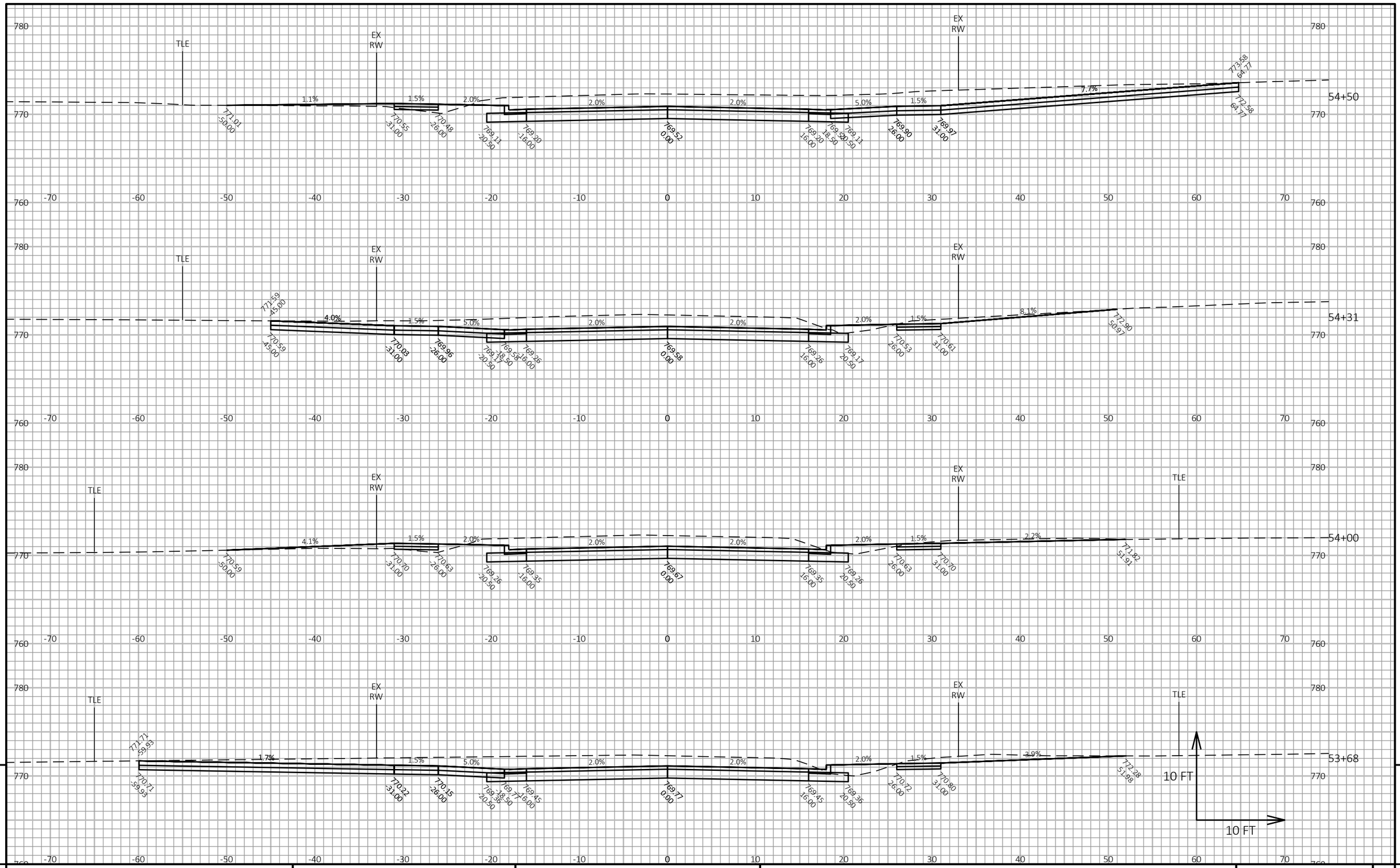


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 299 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 25

PLOT DATE : 10/30/2020 4:57 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

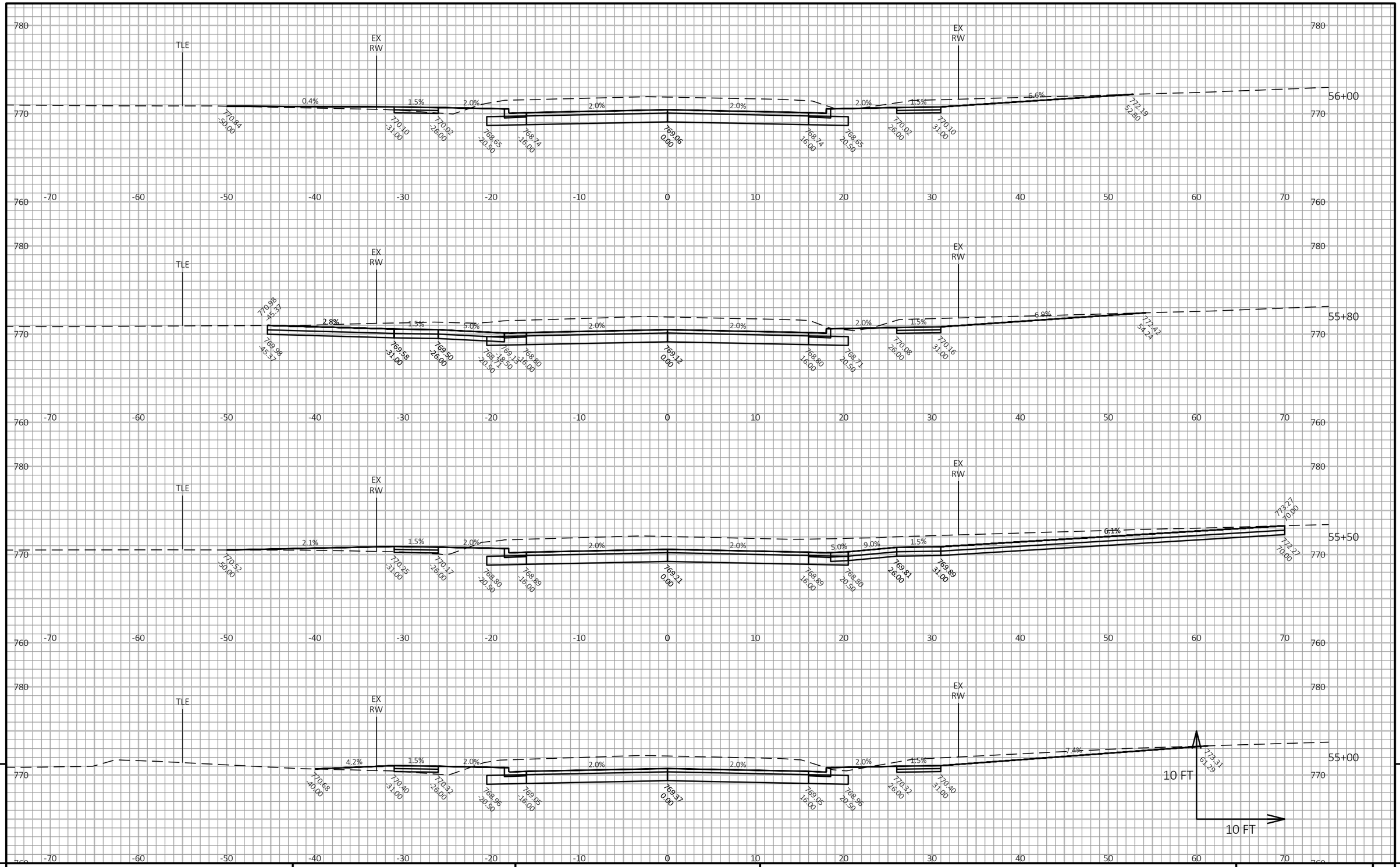
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 300	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 26

PLOT DATE : 10/30/2020 4:57 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 301	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 27

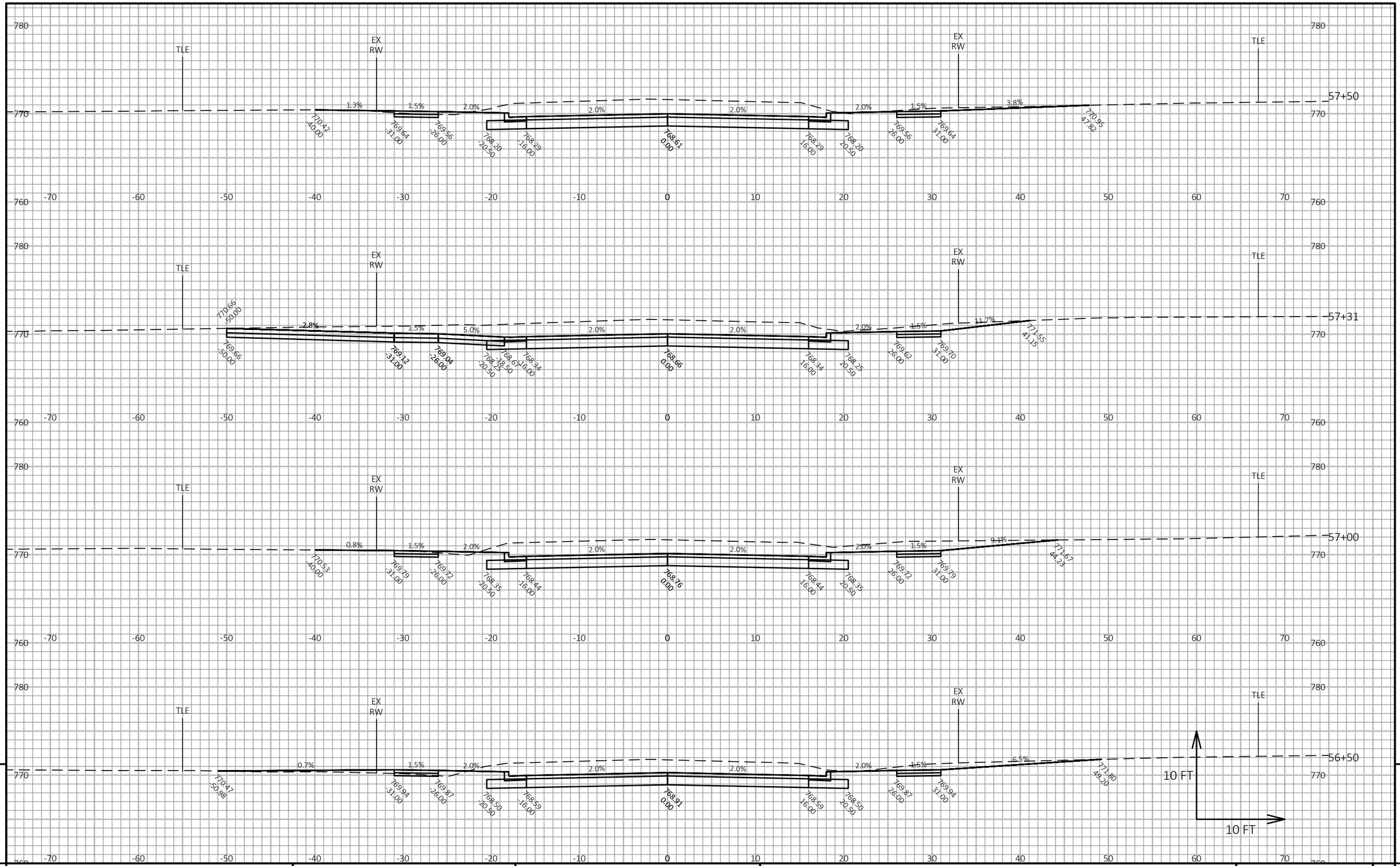
PLOT DATE : 10/30/2020 4:58 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 302	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 28

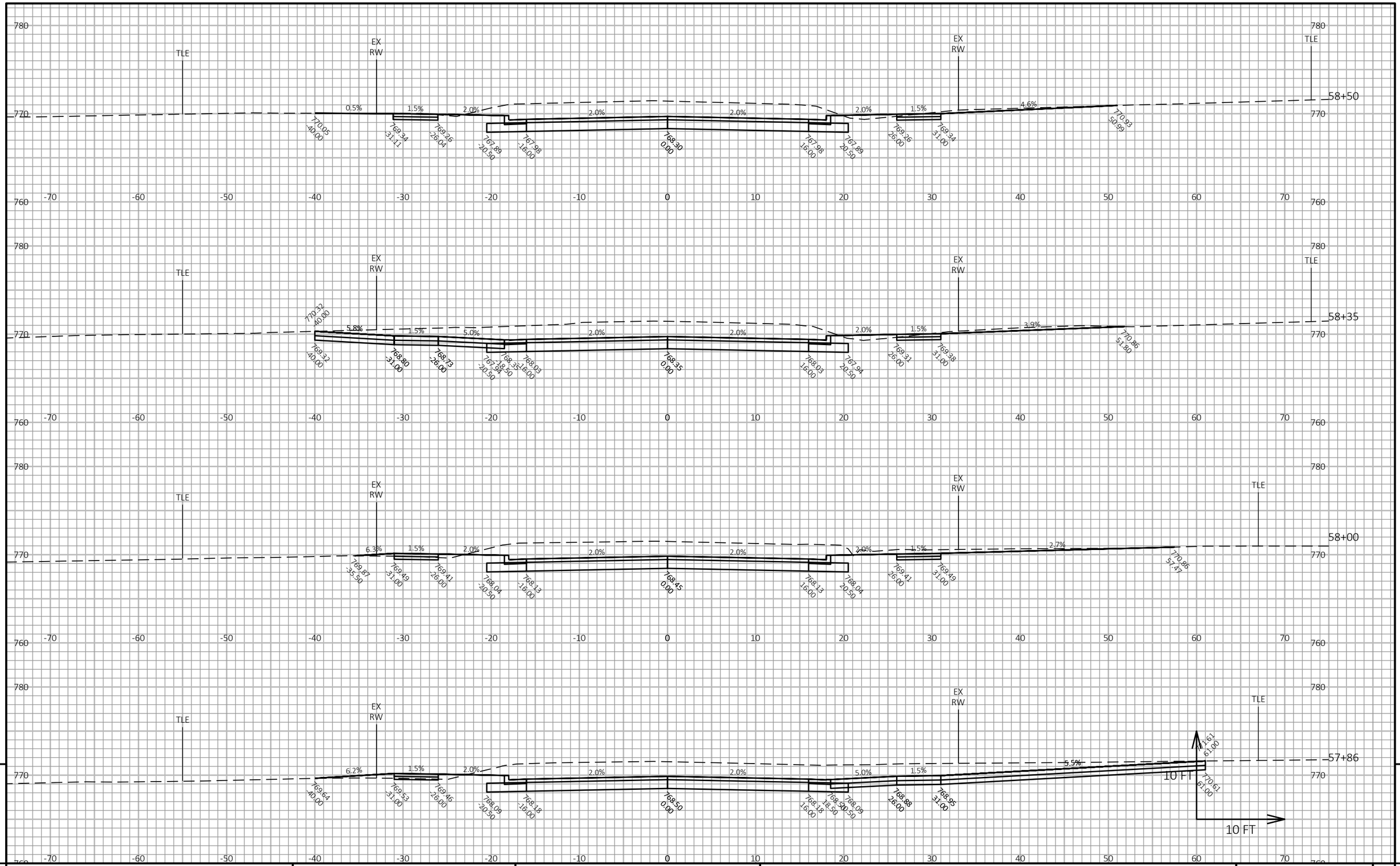
PLOT DATE : 10/30/2020 4:58 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 303 E

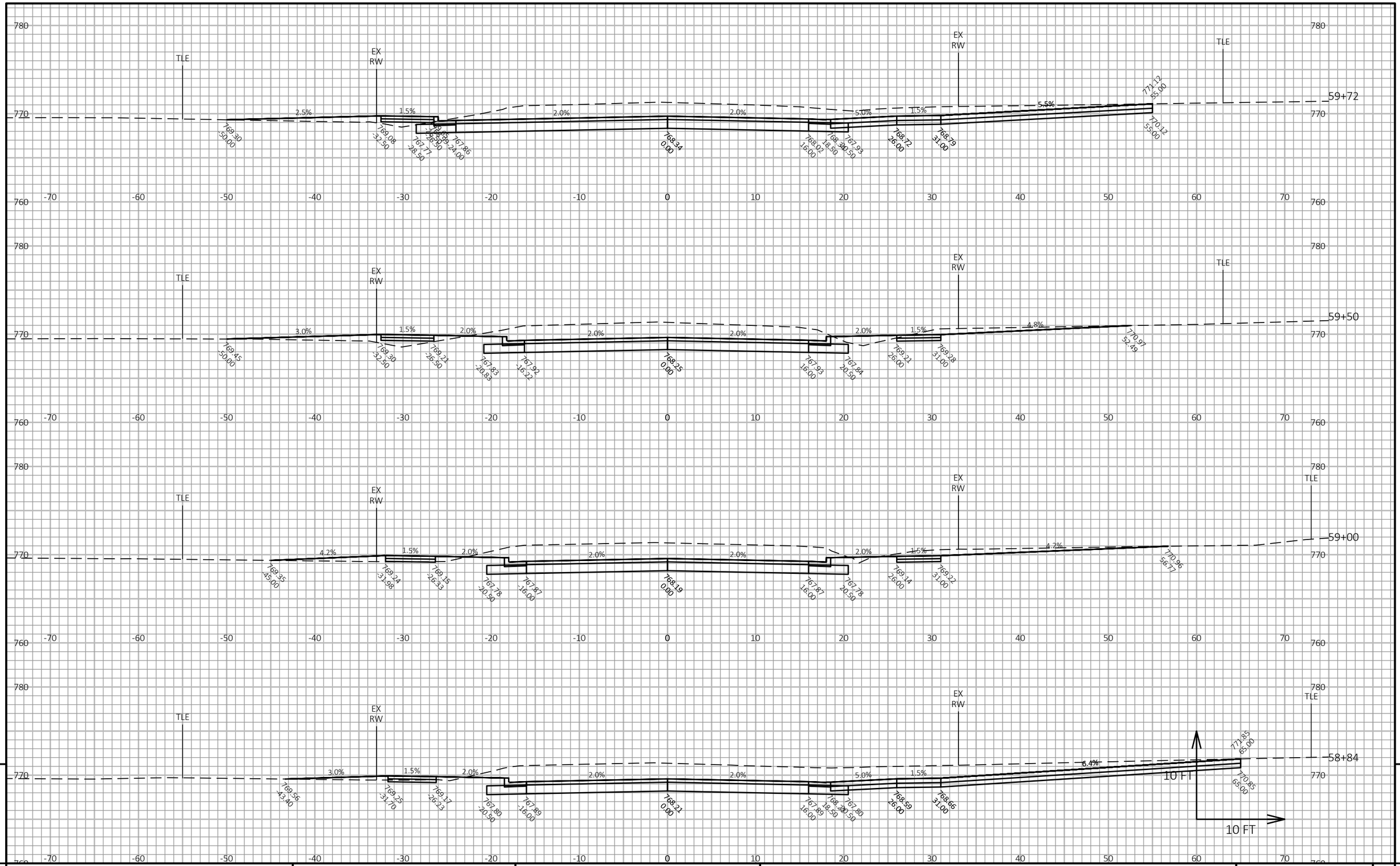
FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 29

PLOT DATE : 10/30/2020 4:58 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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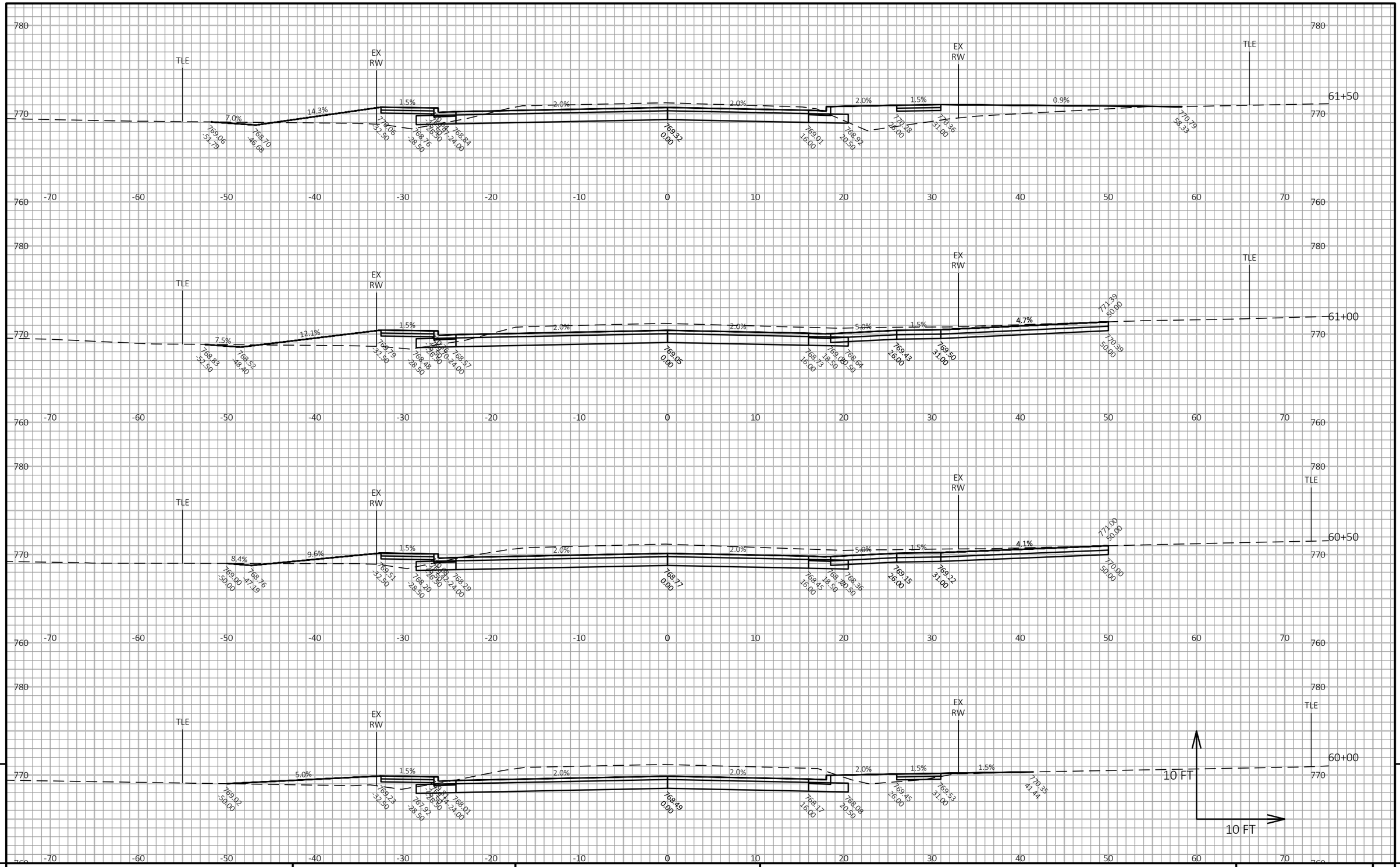


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 304 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 30

PLOT DATE : 10/30/2020 4:58 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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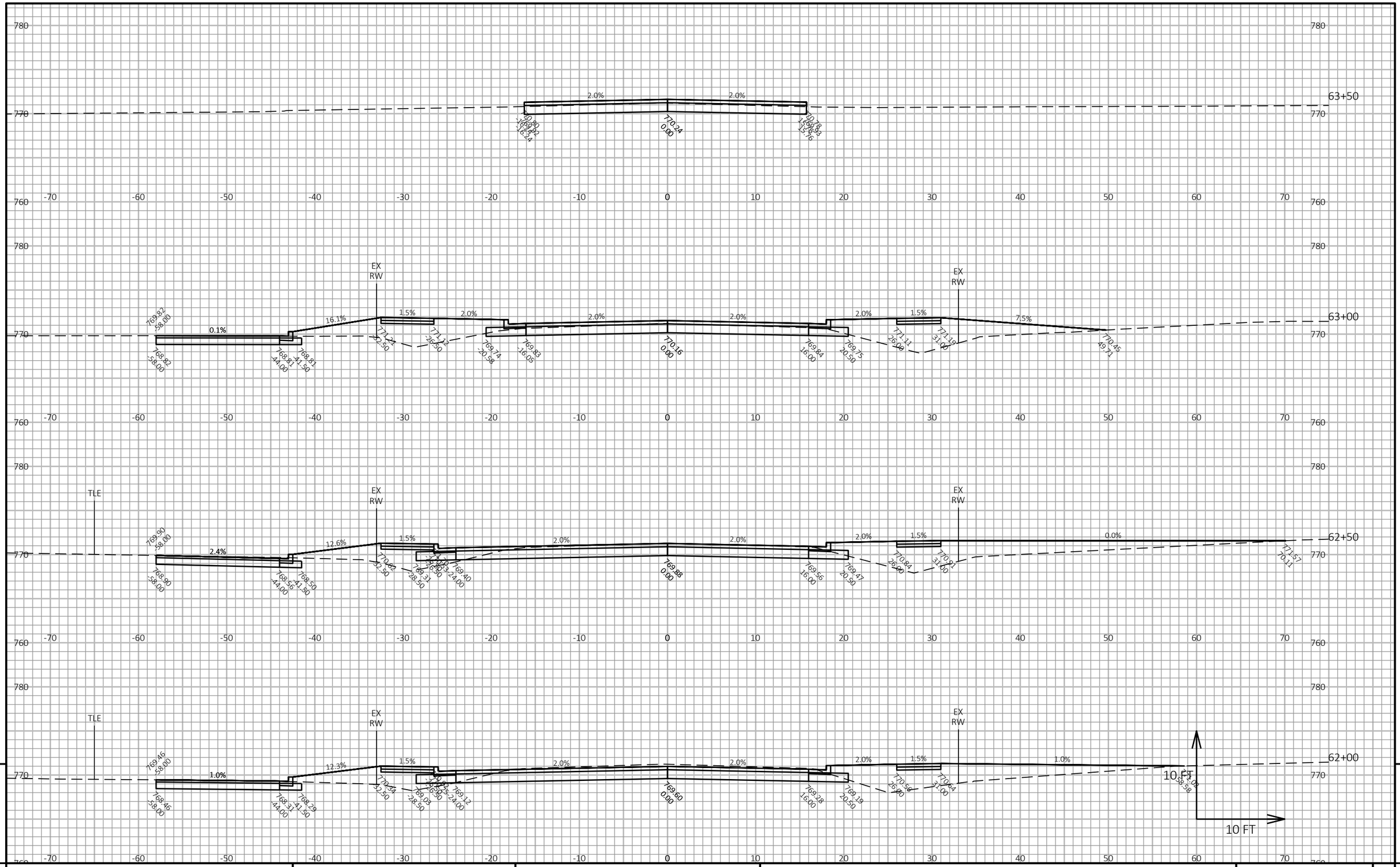
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 305	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 31

PLOT DATE : 10/30/2020 4:59 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 306	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 32

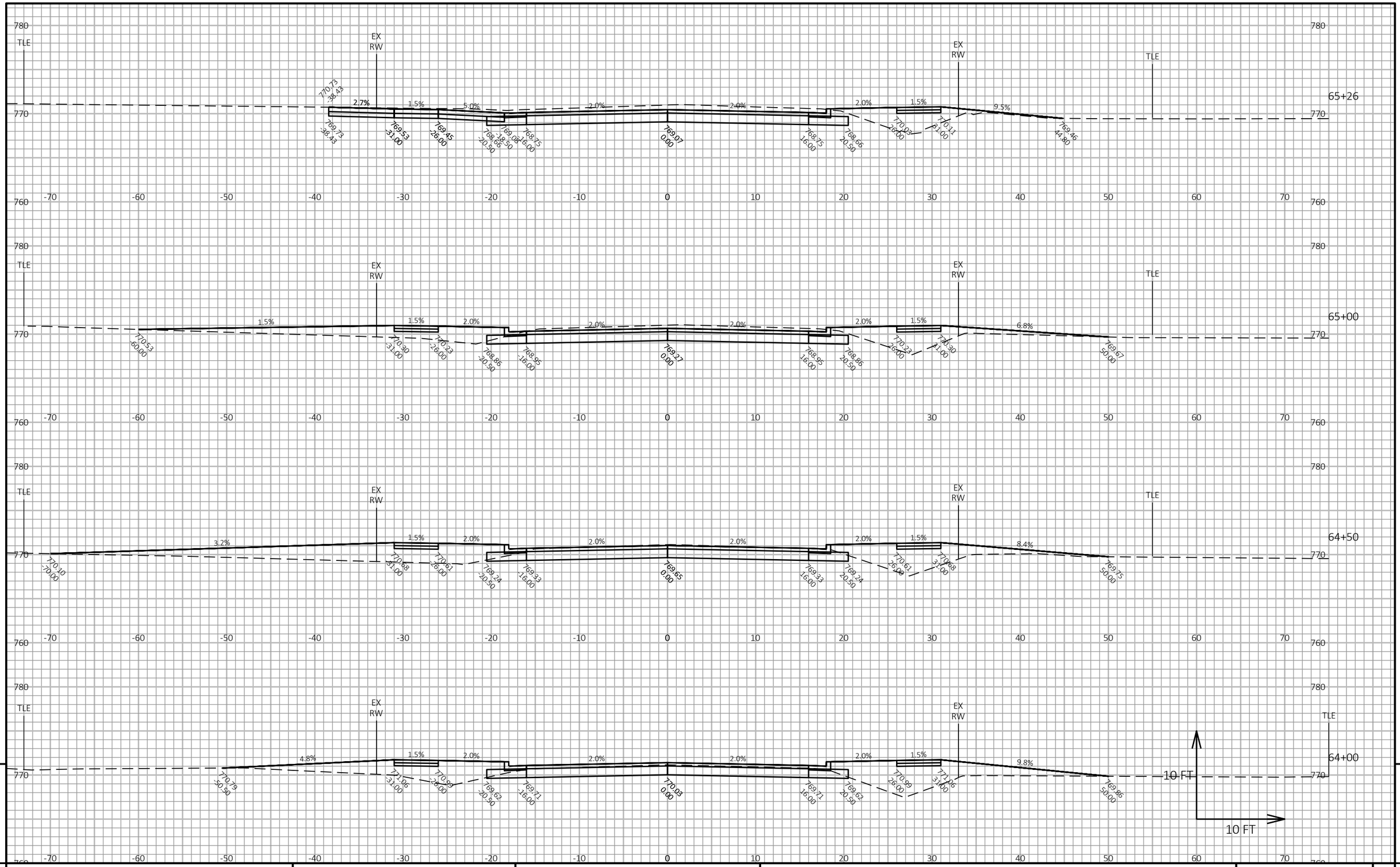
PLOT DATE : 10/30/2020 4:59 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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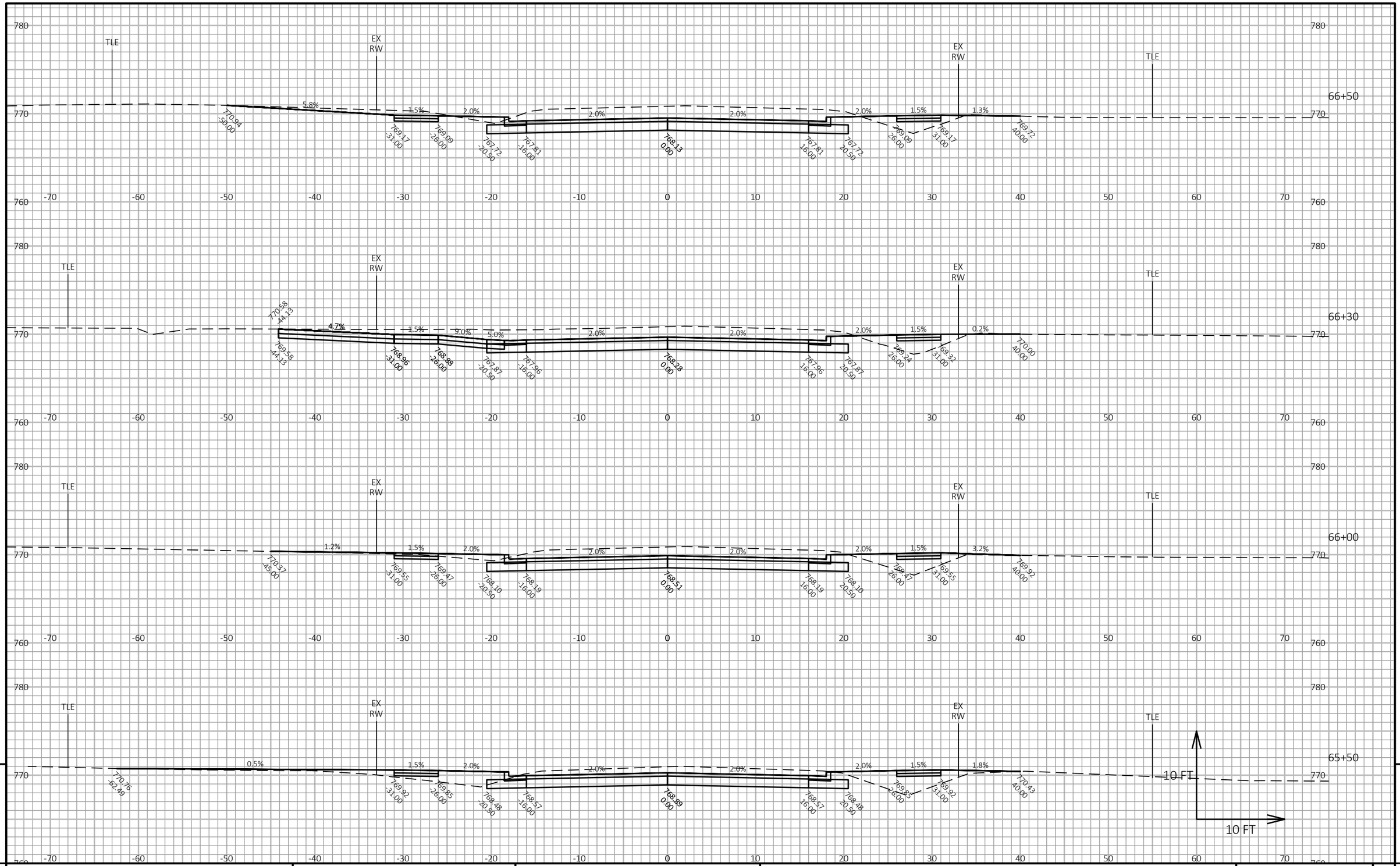
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 307	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 33

PLOT DATE : 10/30/2020 4:59 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



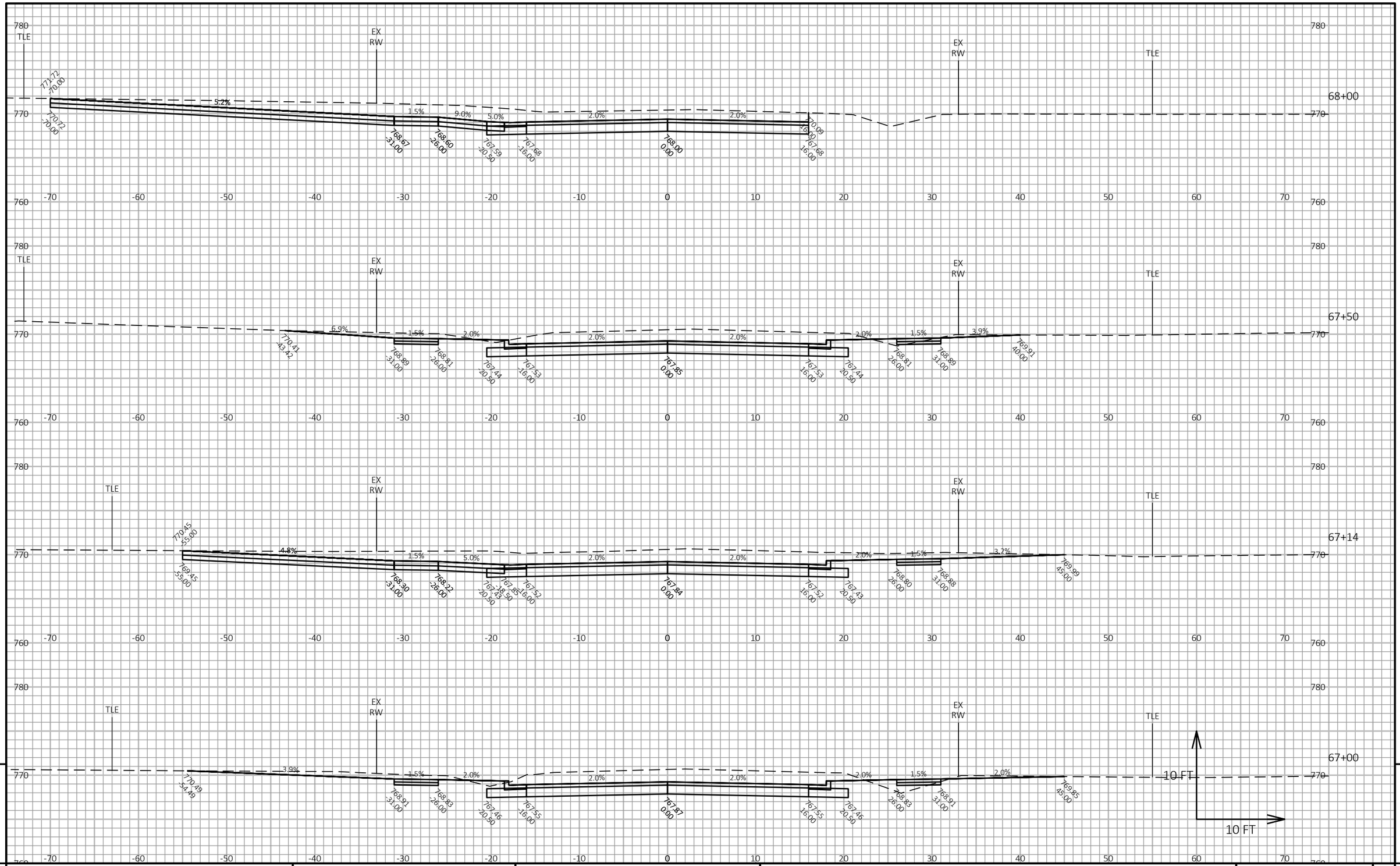
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 308	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 34

PLOT DATE : 10/30/2020 5:00 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 309	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 35

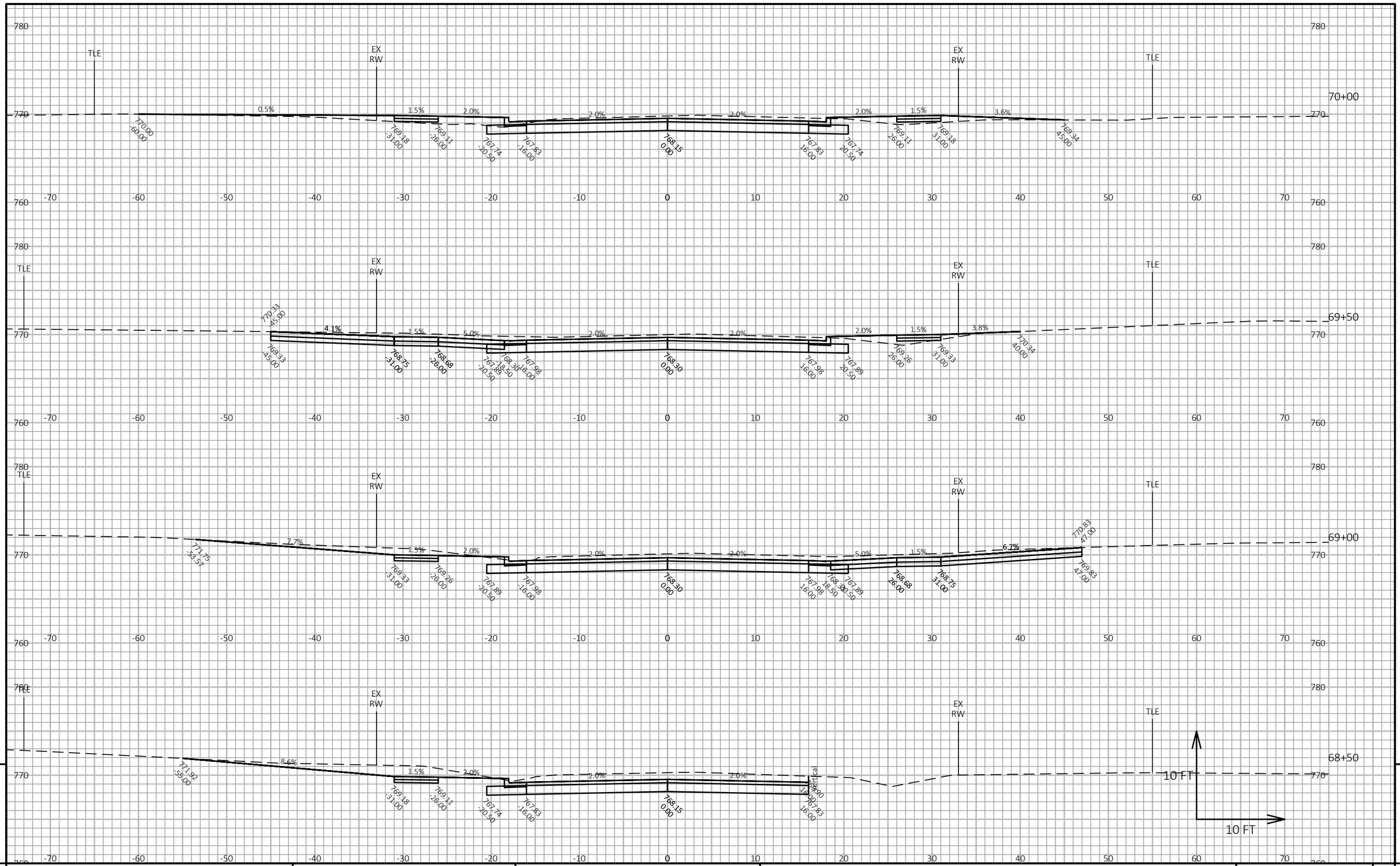
PLOT DATE : 10/30/2020 5:00 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



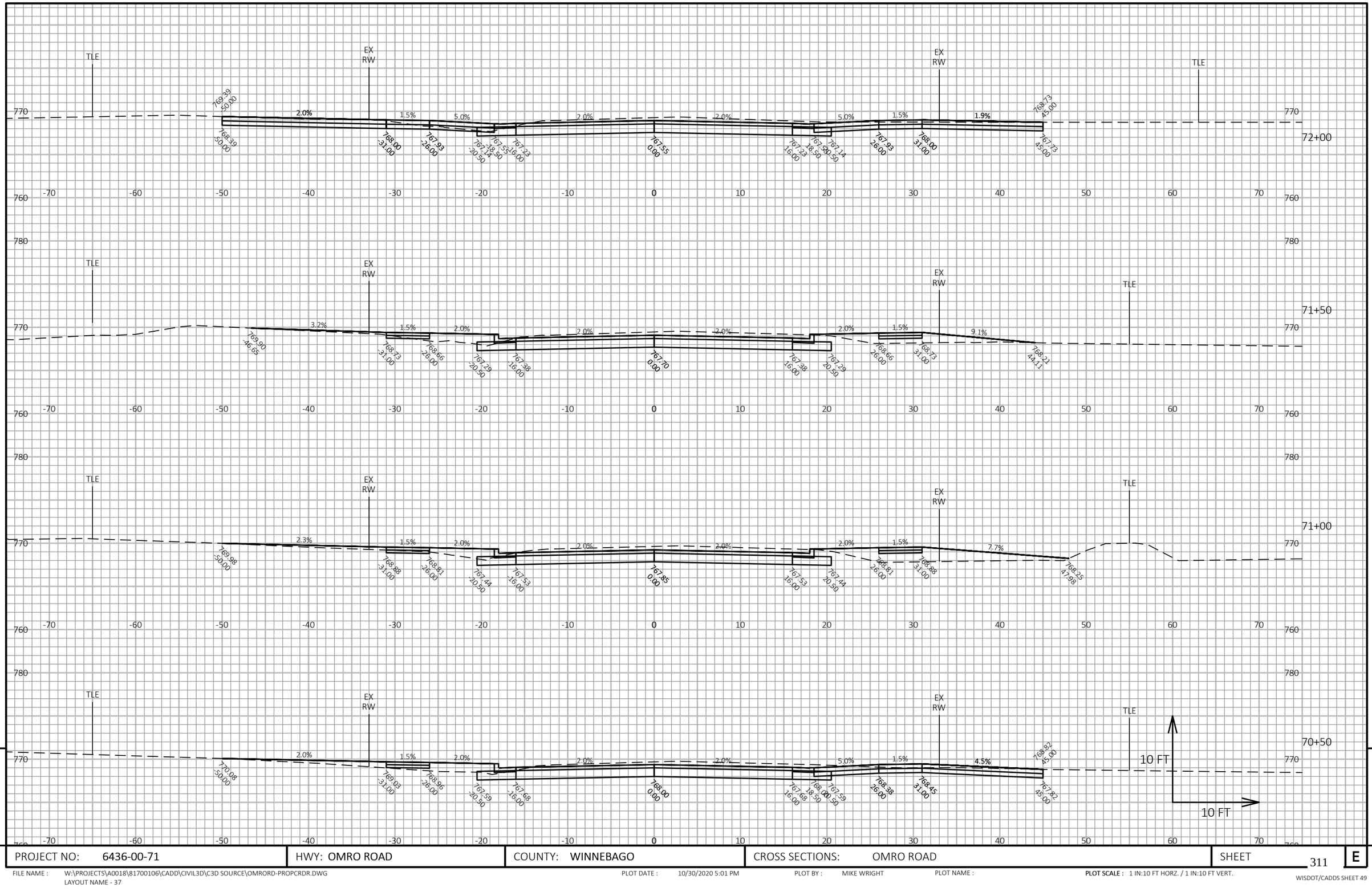
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 310	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 36

PLOT DATE : 10/30/2020 5:00 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 311	E

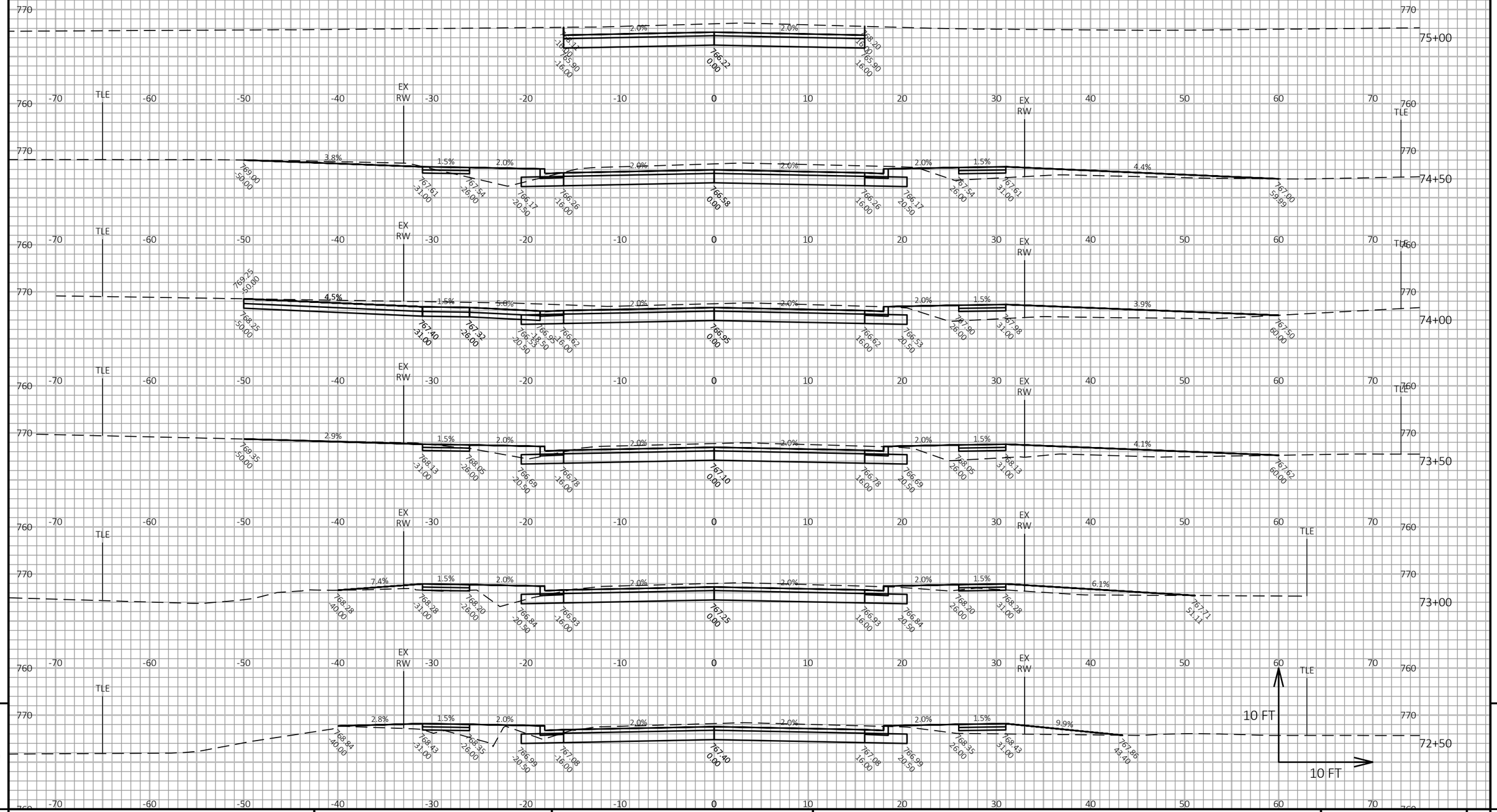
FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 37

PLOT DATE : 10/30/2020 5:01 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

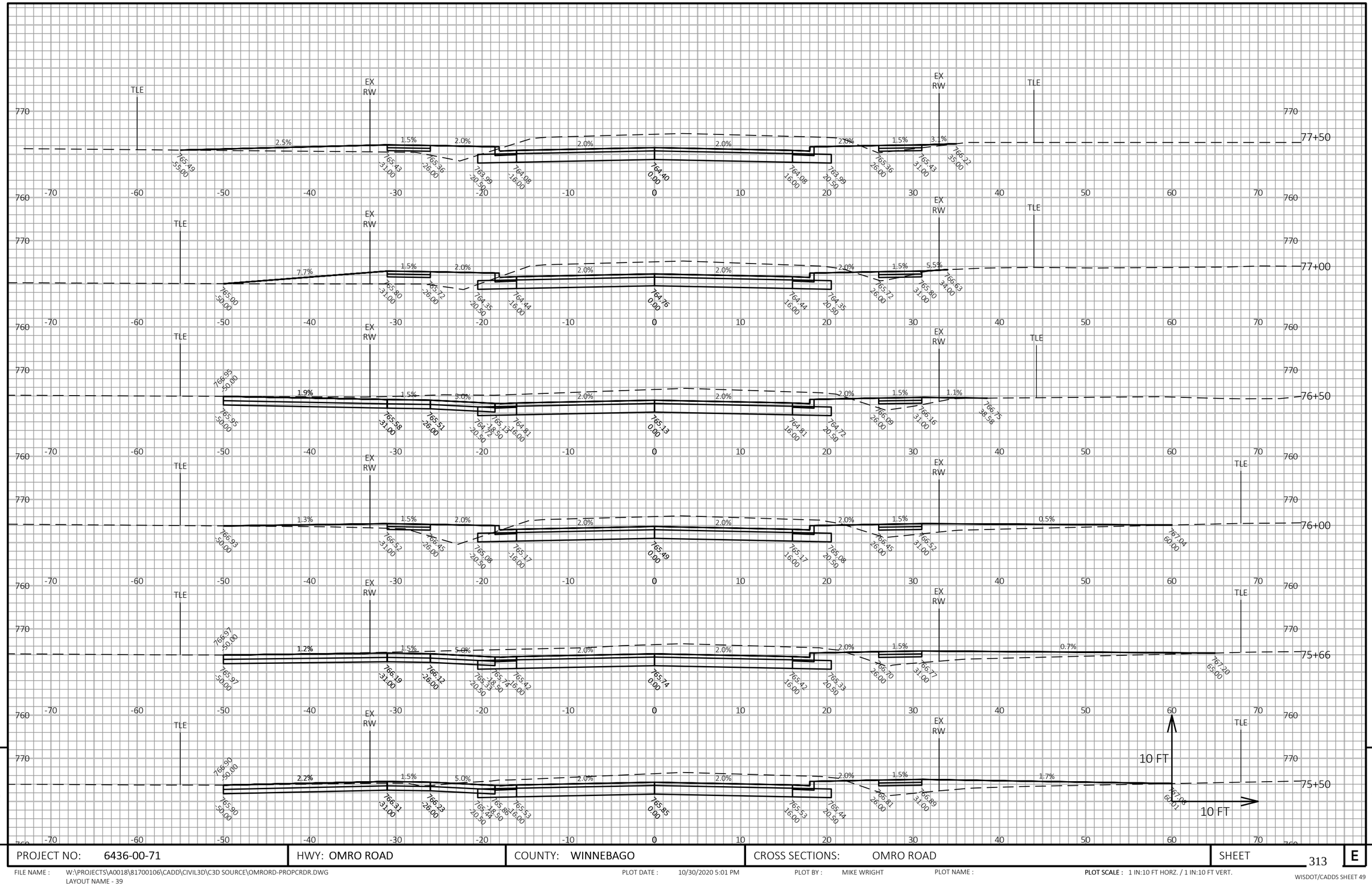


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 312	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 38

PLOT DATE : 10/30/2020 5:01 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 313	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 39

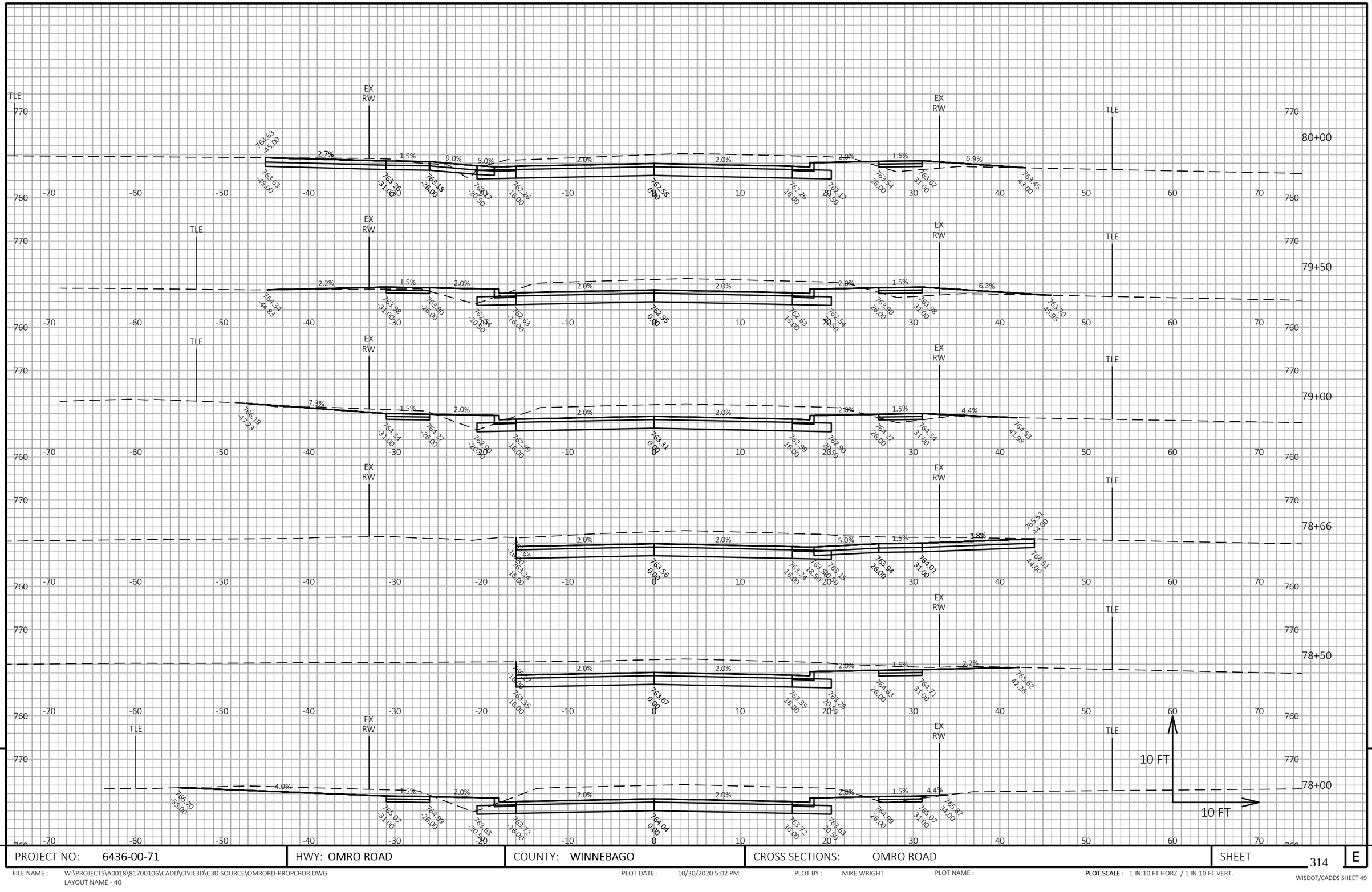
PLOT DATE : 10/30/2020 5:01 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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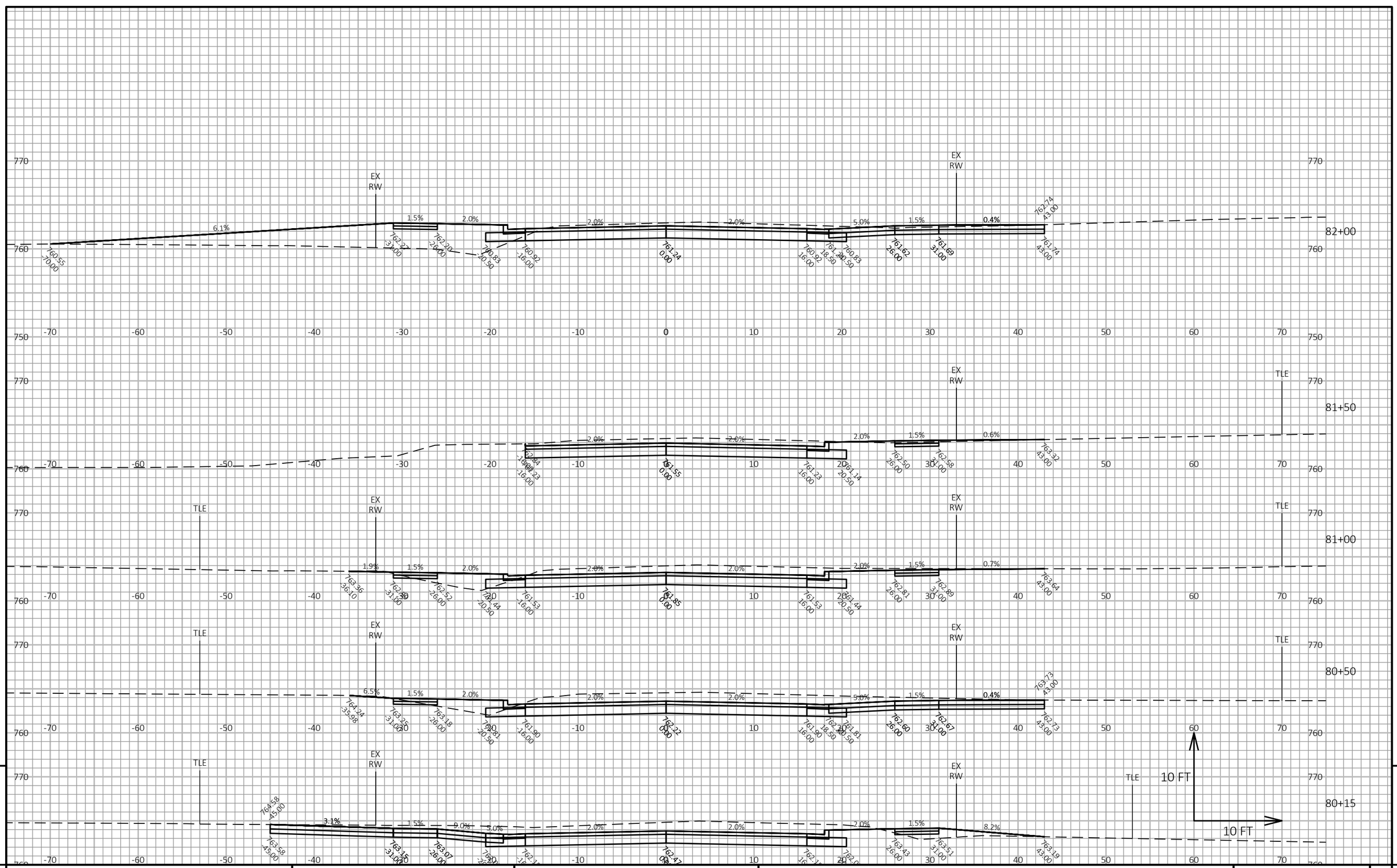
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 314	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 40

PLOT DATE : 10/30/2020 5:02 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 315	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 41

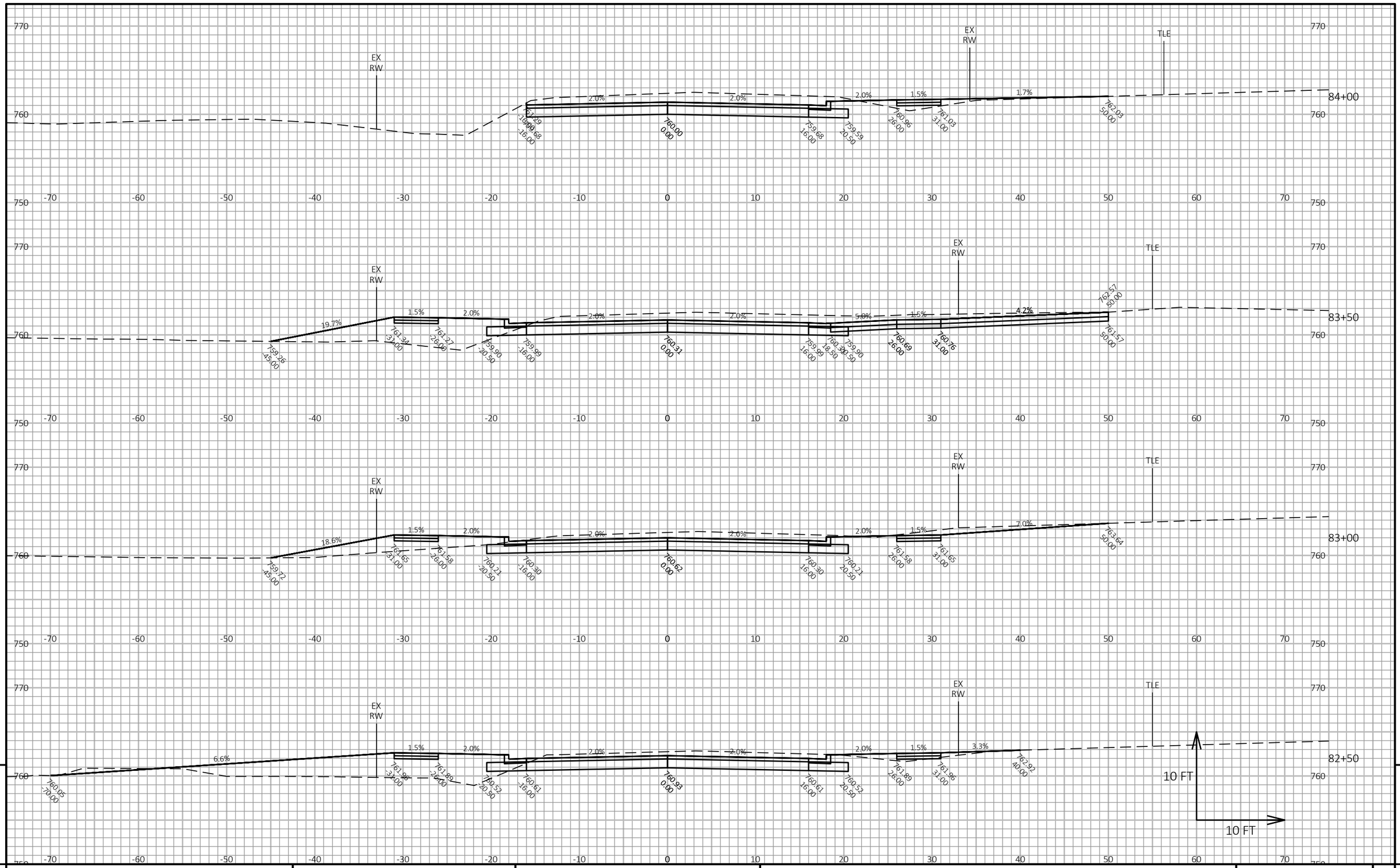
PLOT DATE : 10/30/2020 5:02 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

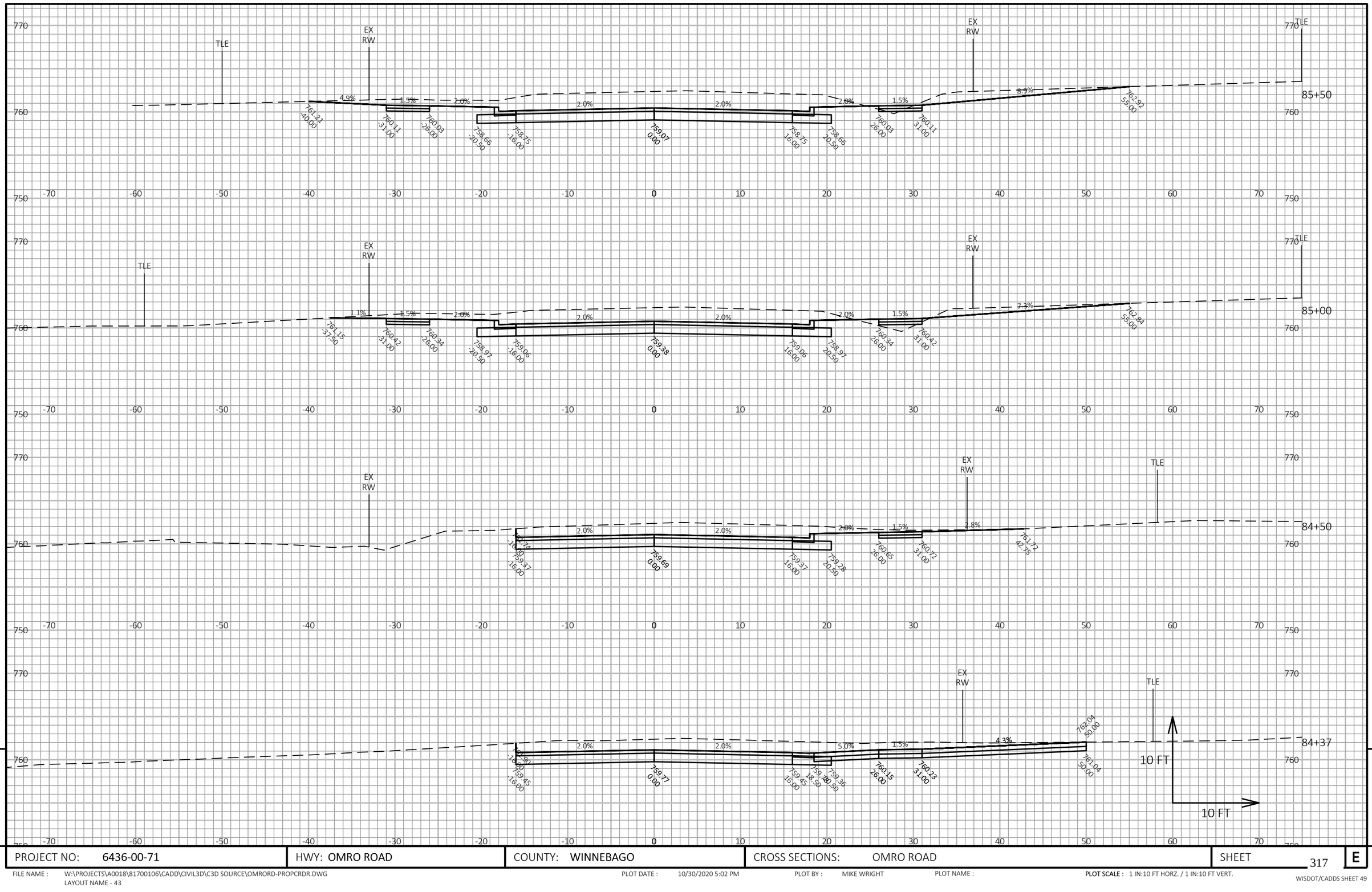


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 316

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 42

PLOT DATE : 10/30/2020 5:02 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 317

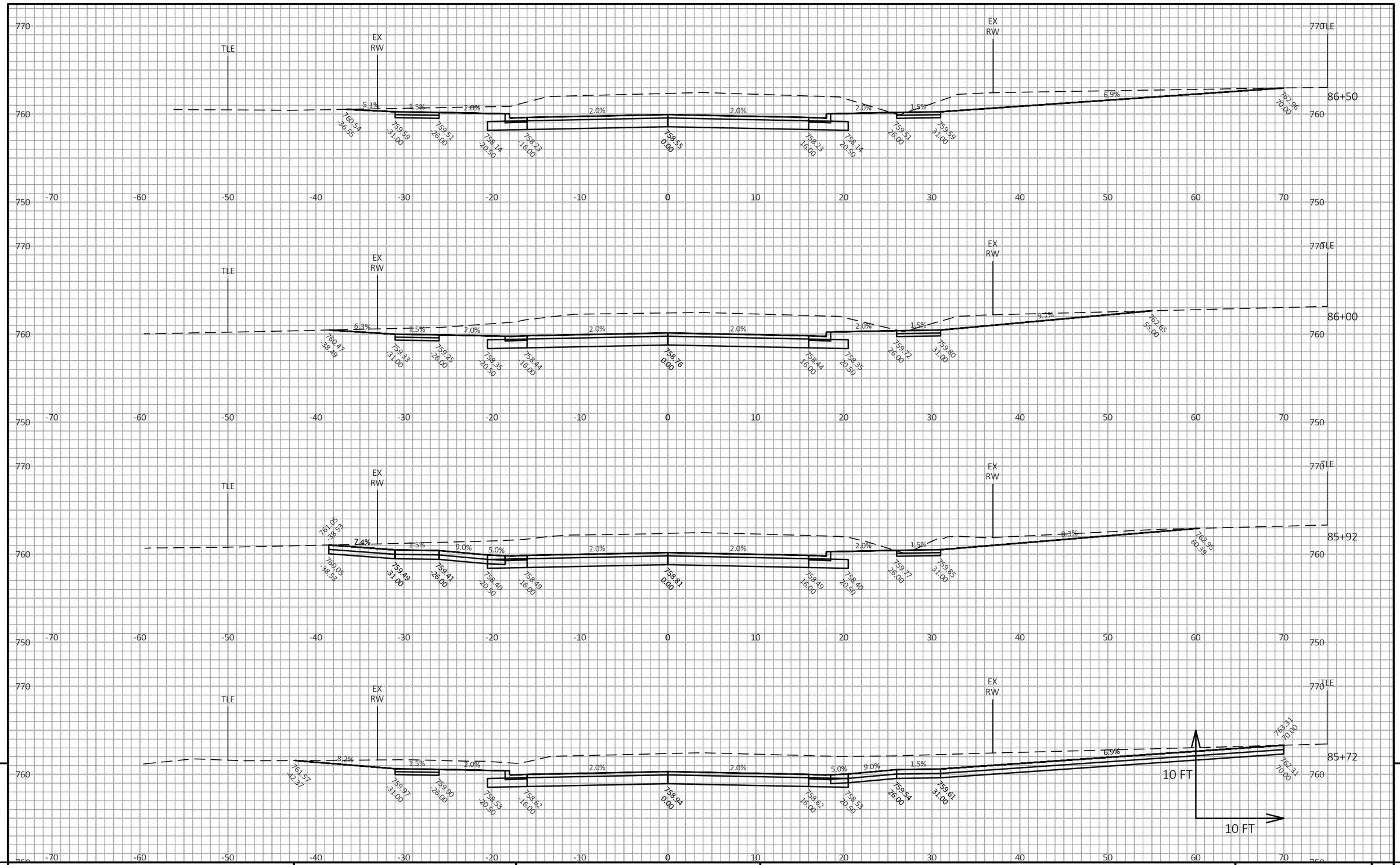
FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 43

PLOT DATE : 10/30/2020 5:02 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 318	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 44

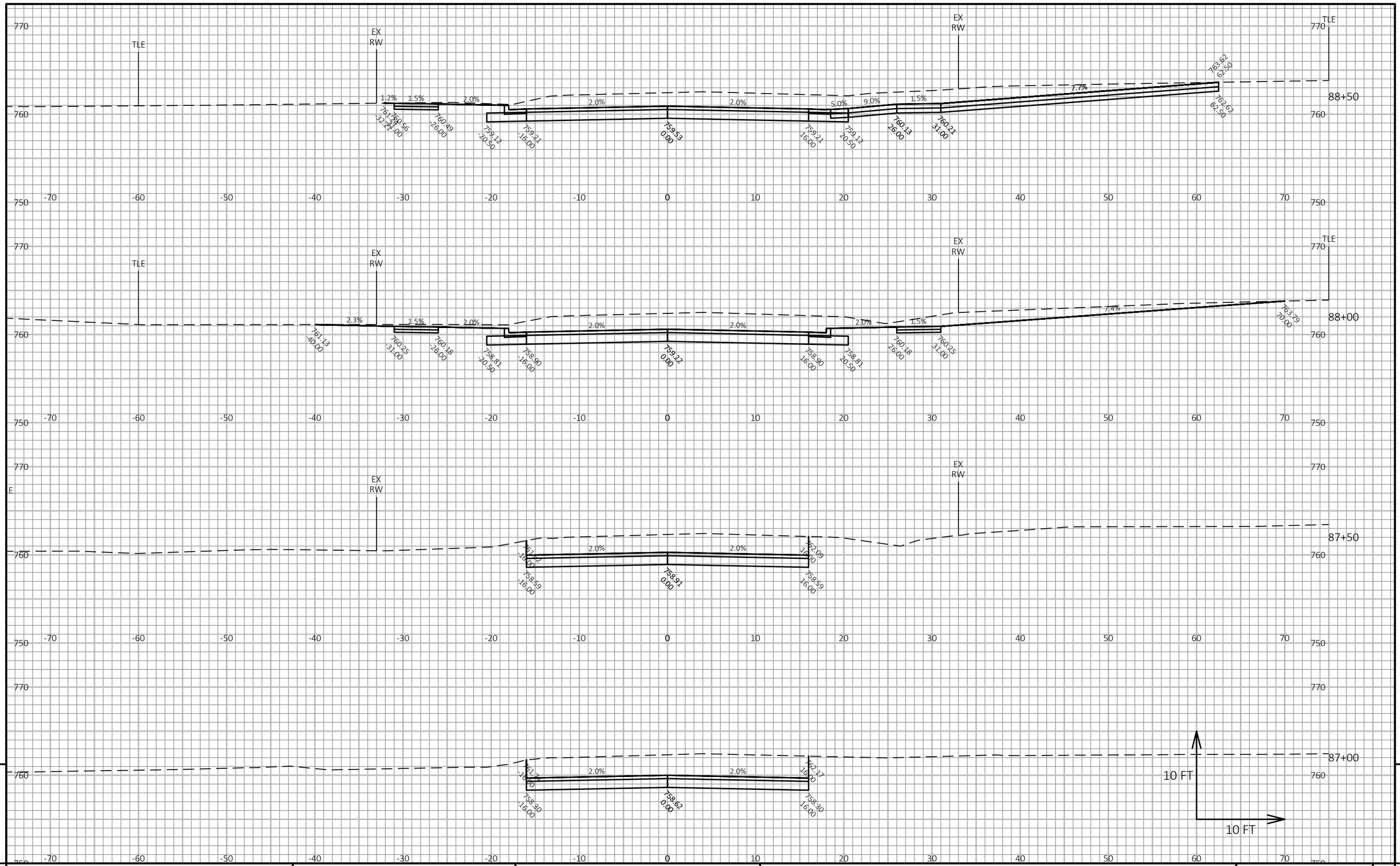
PLOT DATE : 10/30/2020 5:03 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



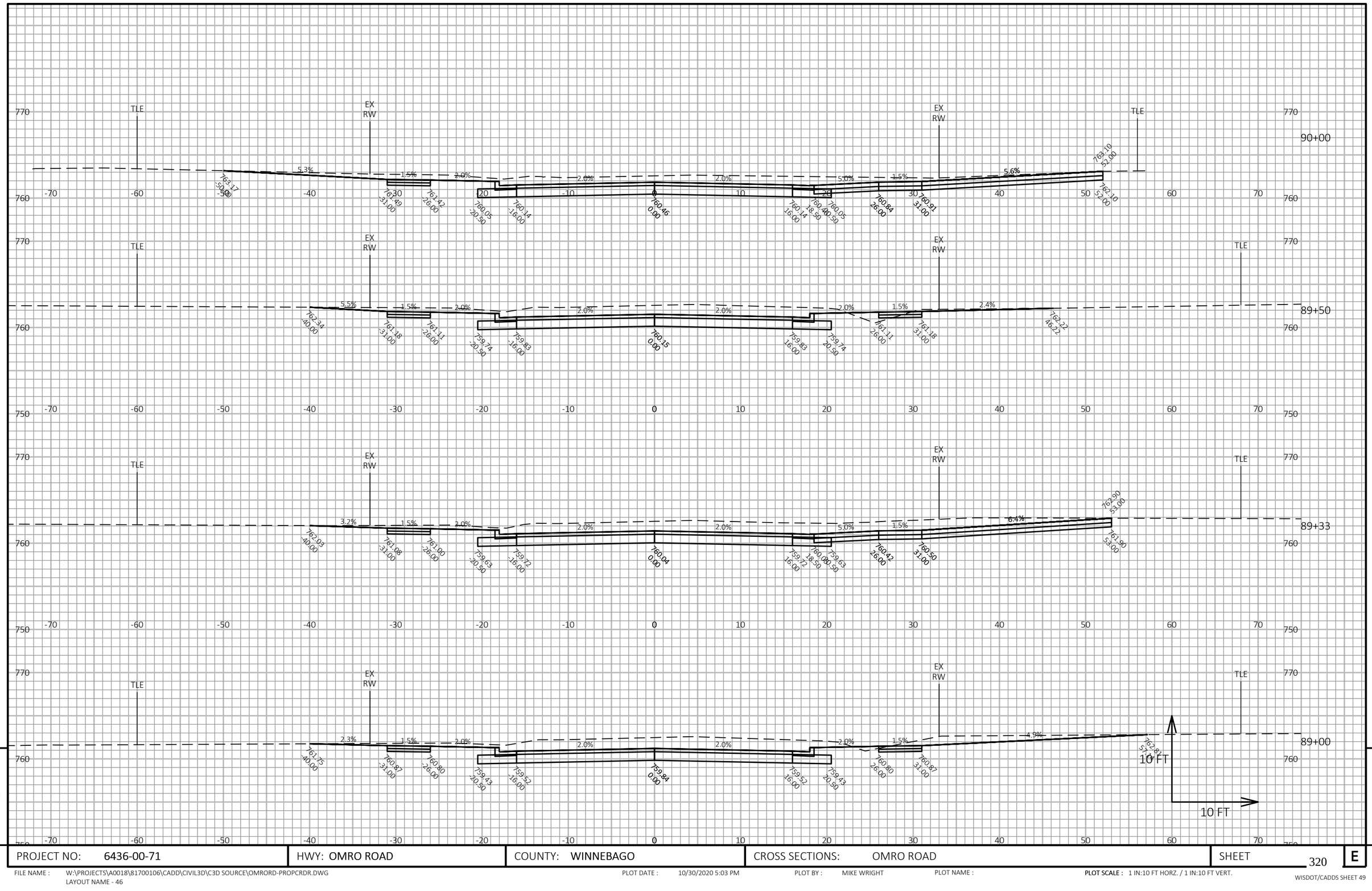
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 319	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 45

PLOT DATE : 10/30/2020 5:03 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

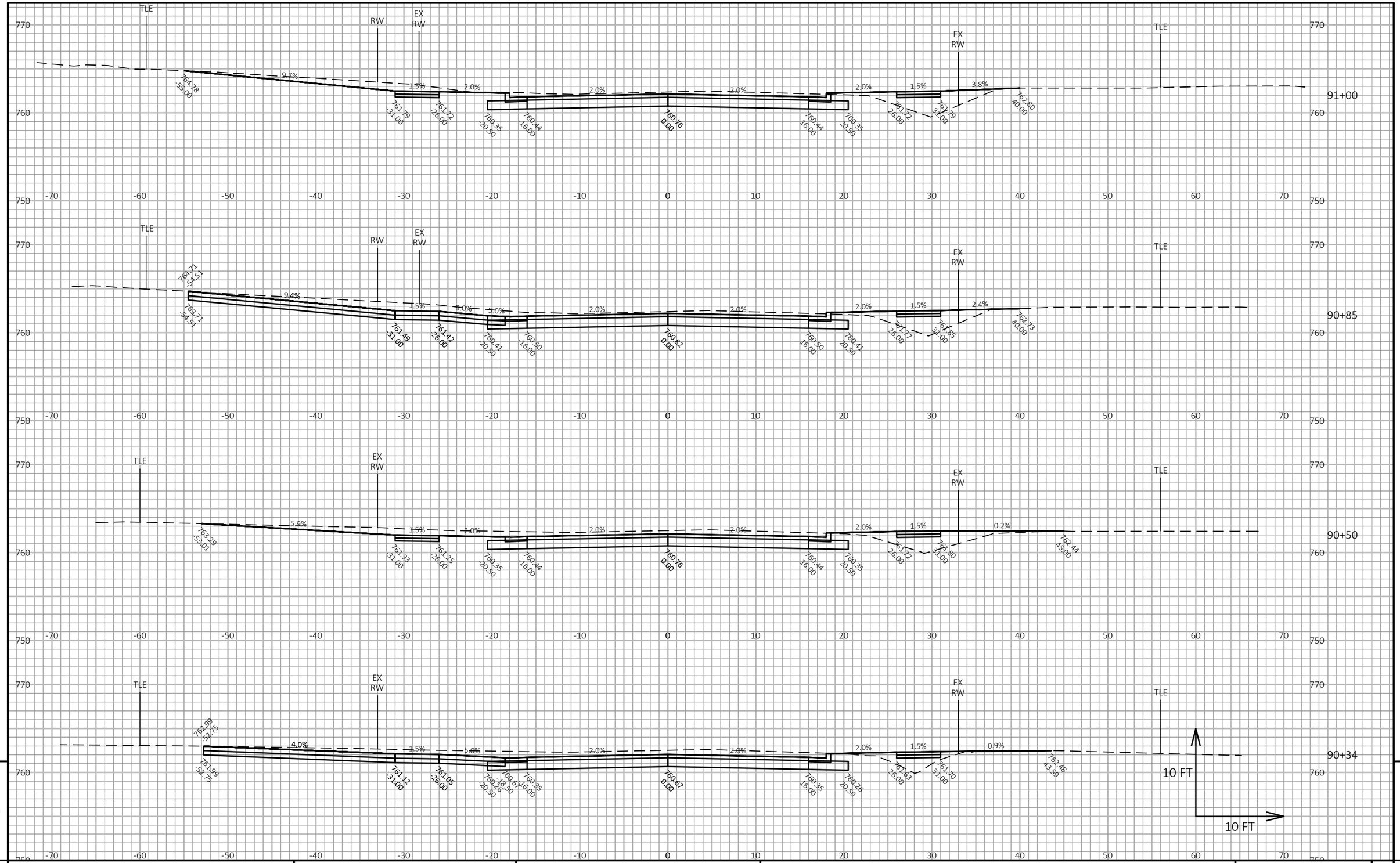
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 320	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 46

PLOT DATE : 10/30/2020 5:03 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 321	E

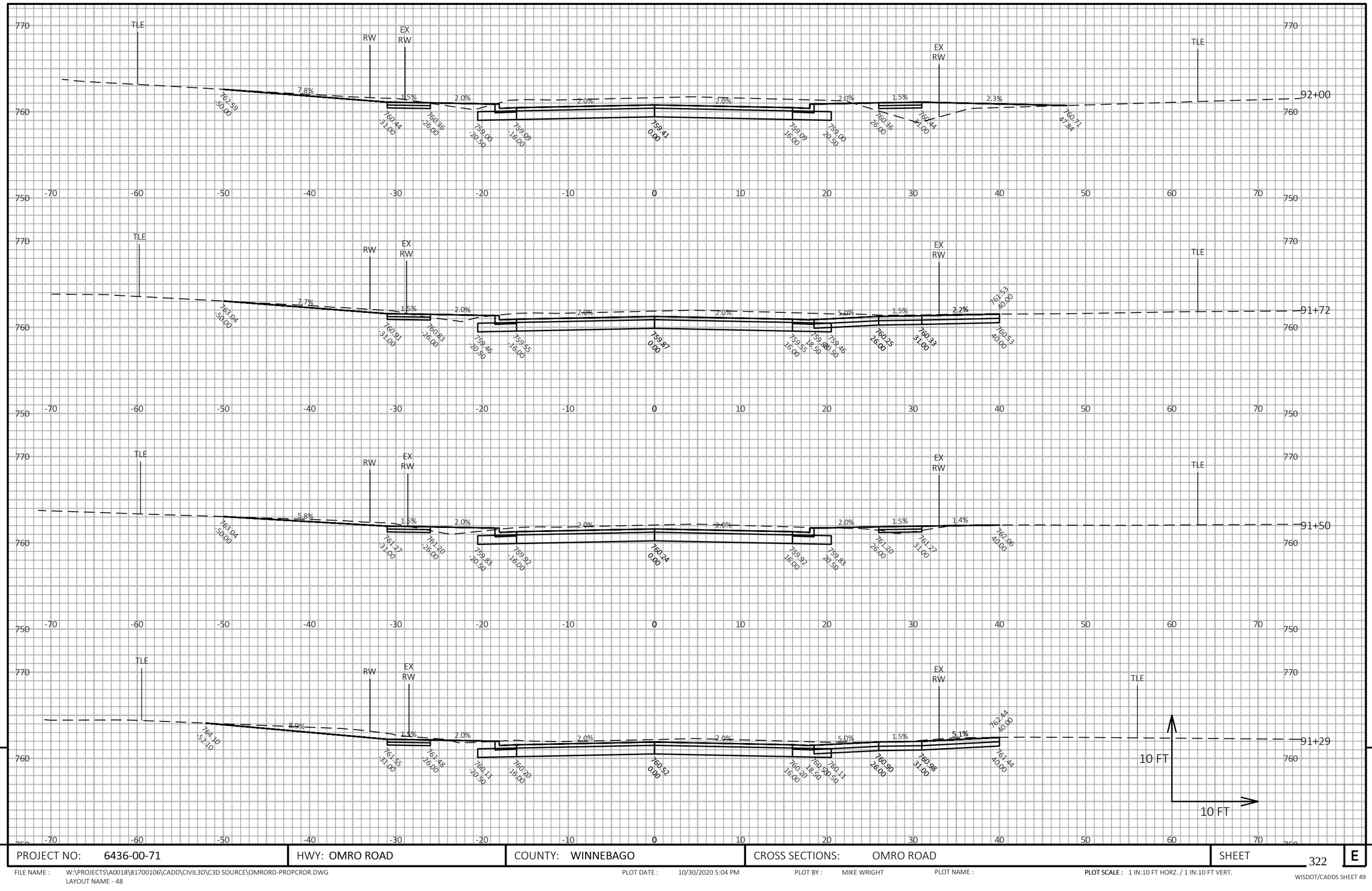
FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 47

PLOT DATE : 10/30/2020 5:04 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 322	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 48

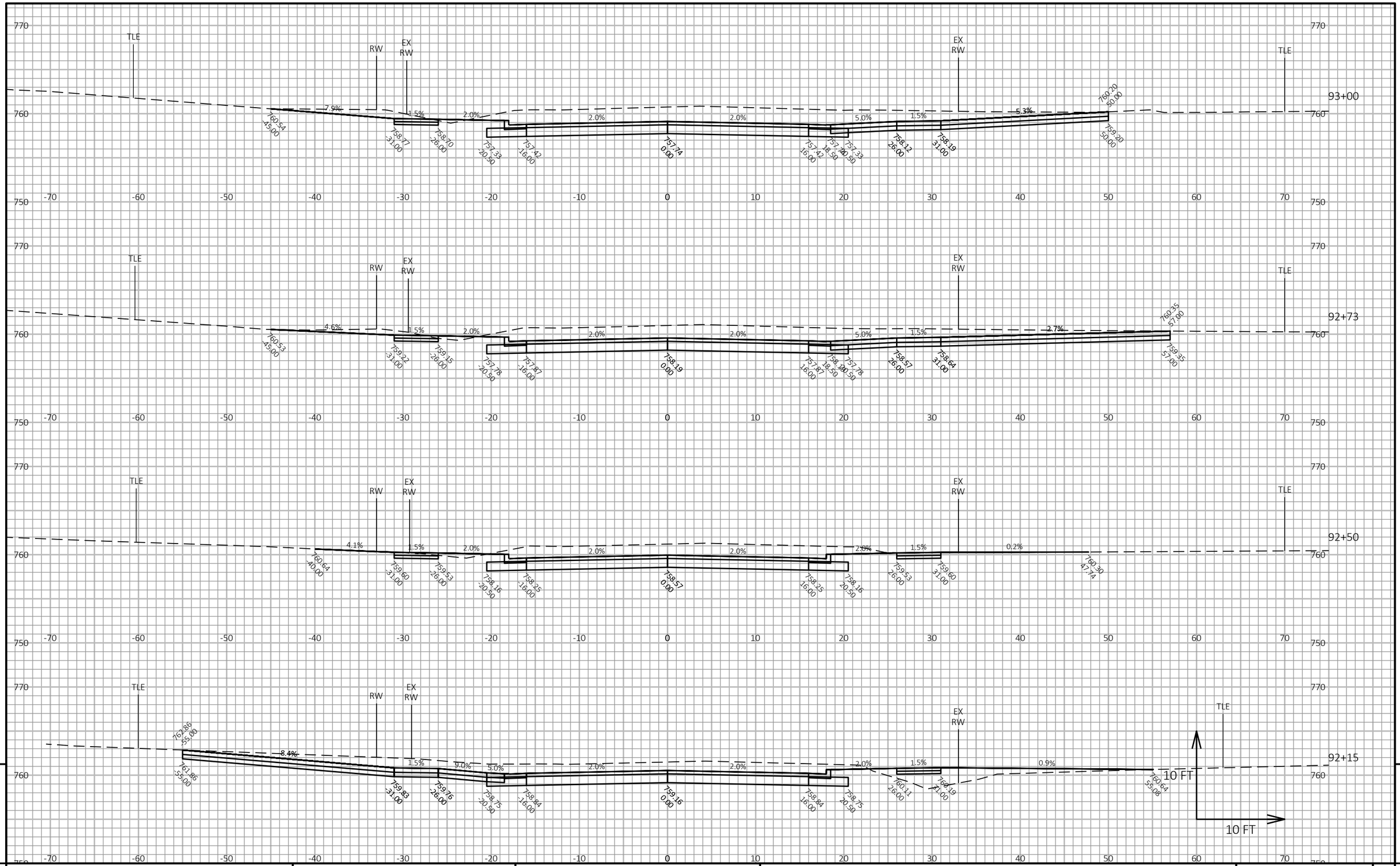
PLOT DATE : 10/30/2020 5:04 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

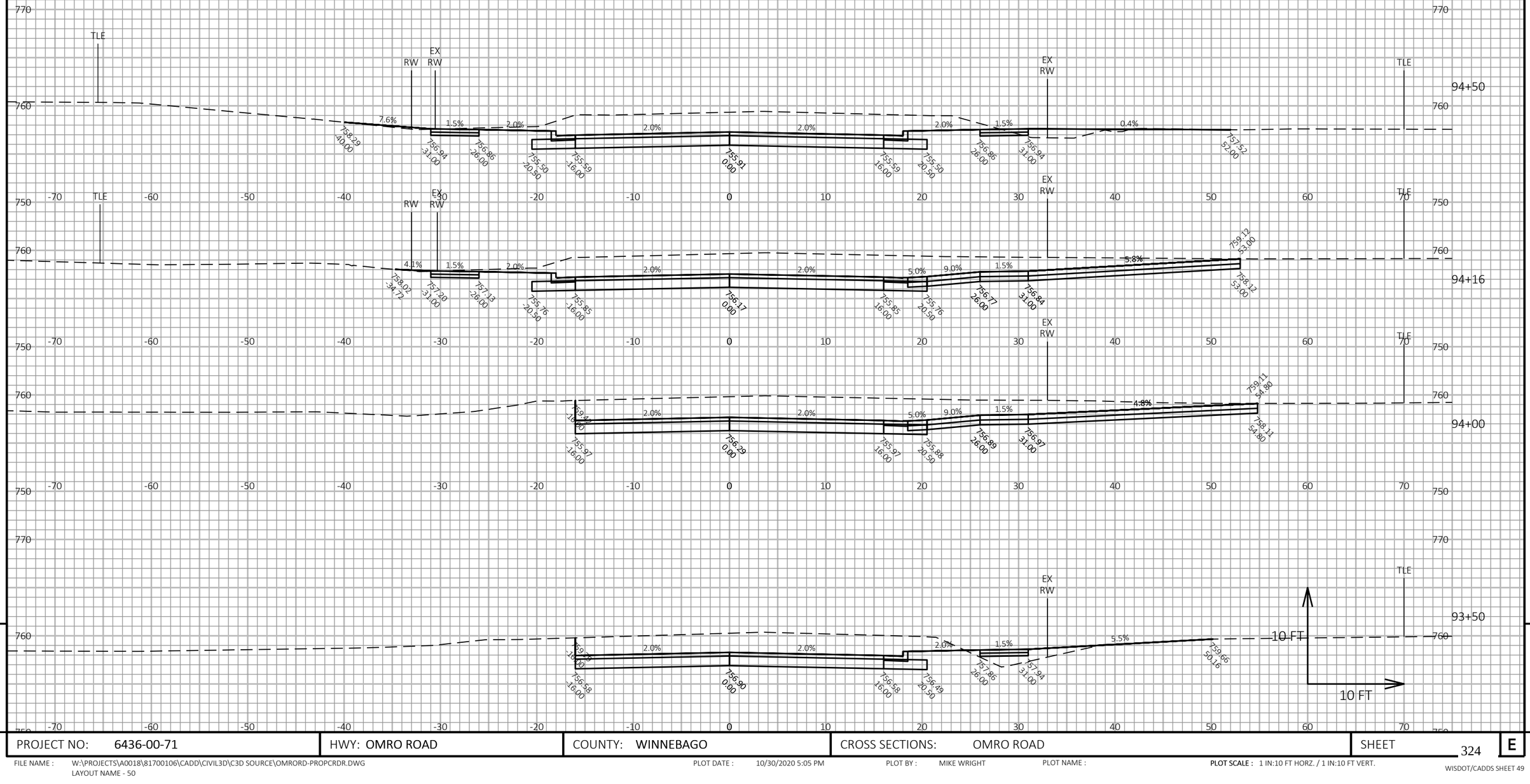


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 323	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 49

PLOT DATE : 10/30/2020 5:04 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



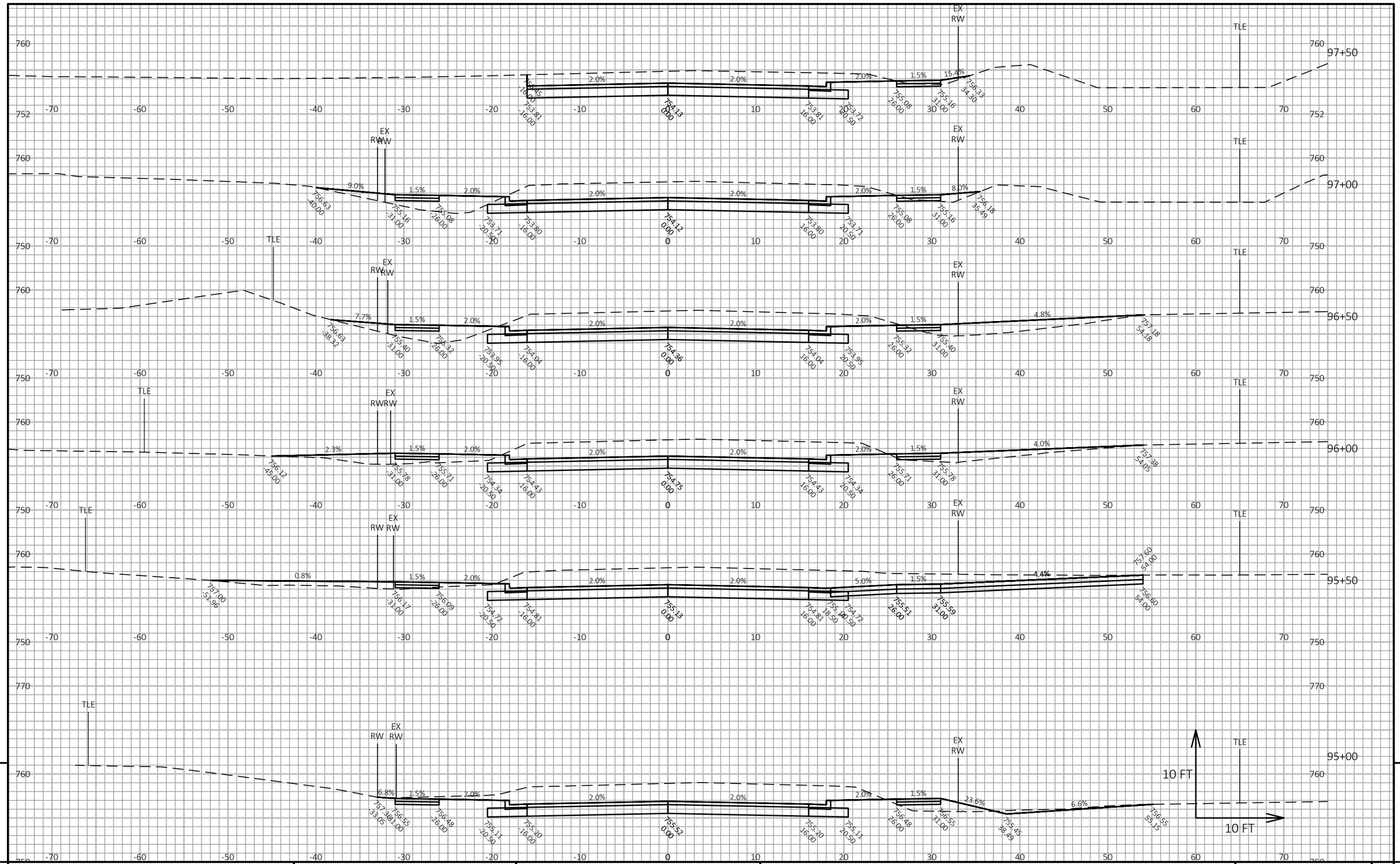
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 324	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 50

PLOT DATE : 10/30/2020 5:05 PM PLOT BY : MIKE WRIGHT PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 325 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 51

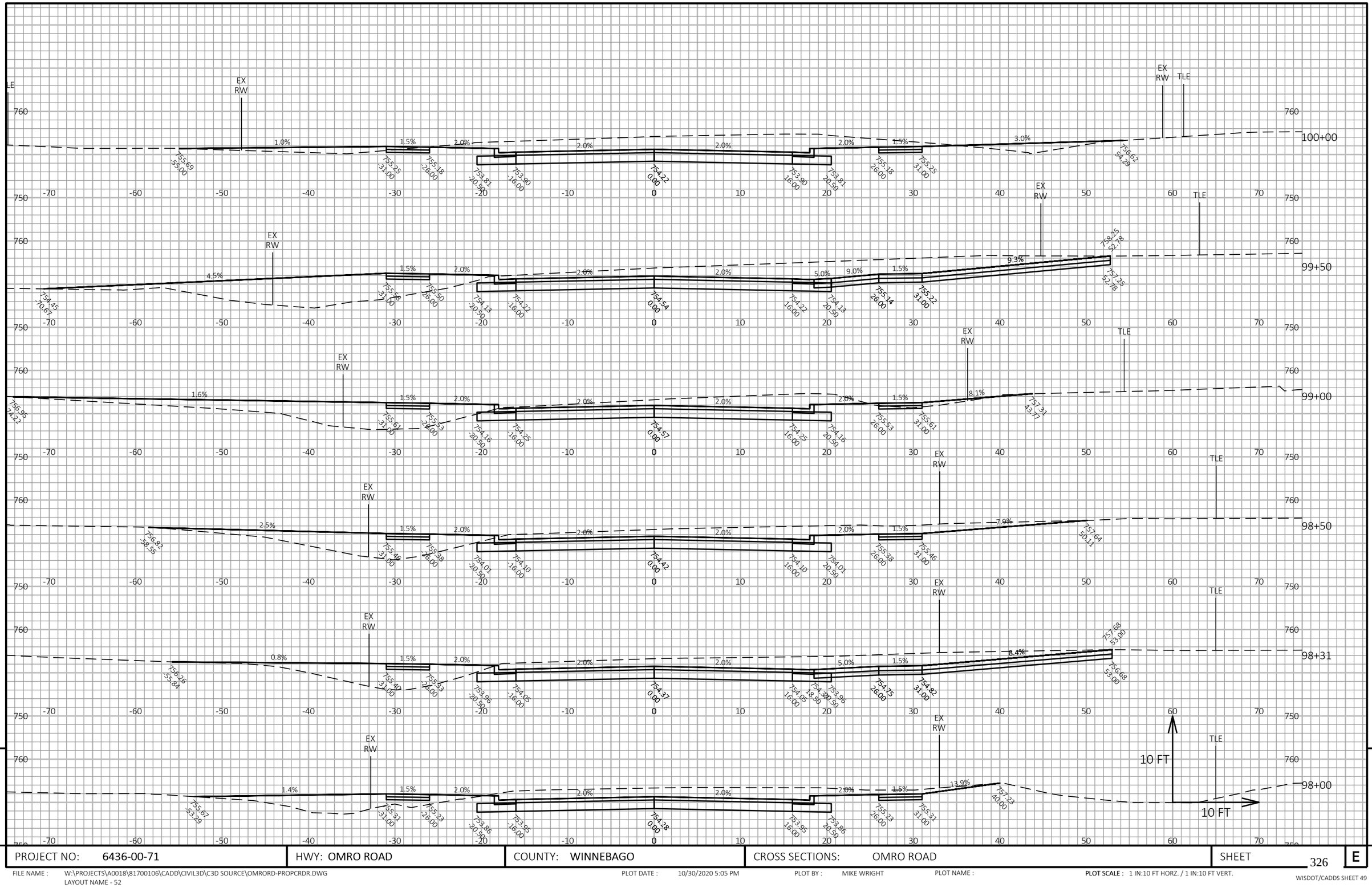
PLOT DATE : 10/30/2020 5:05 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

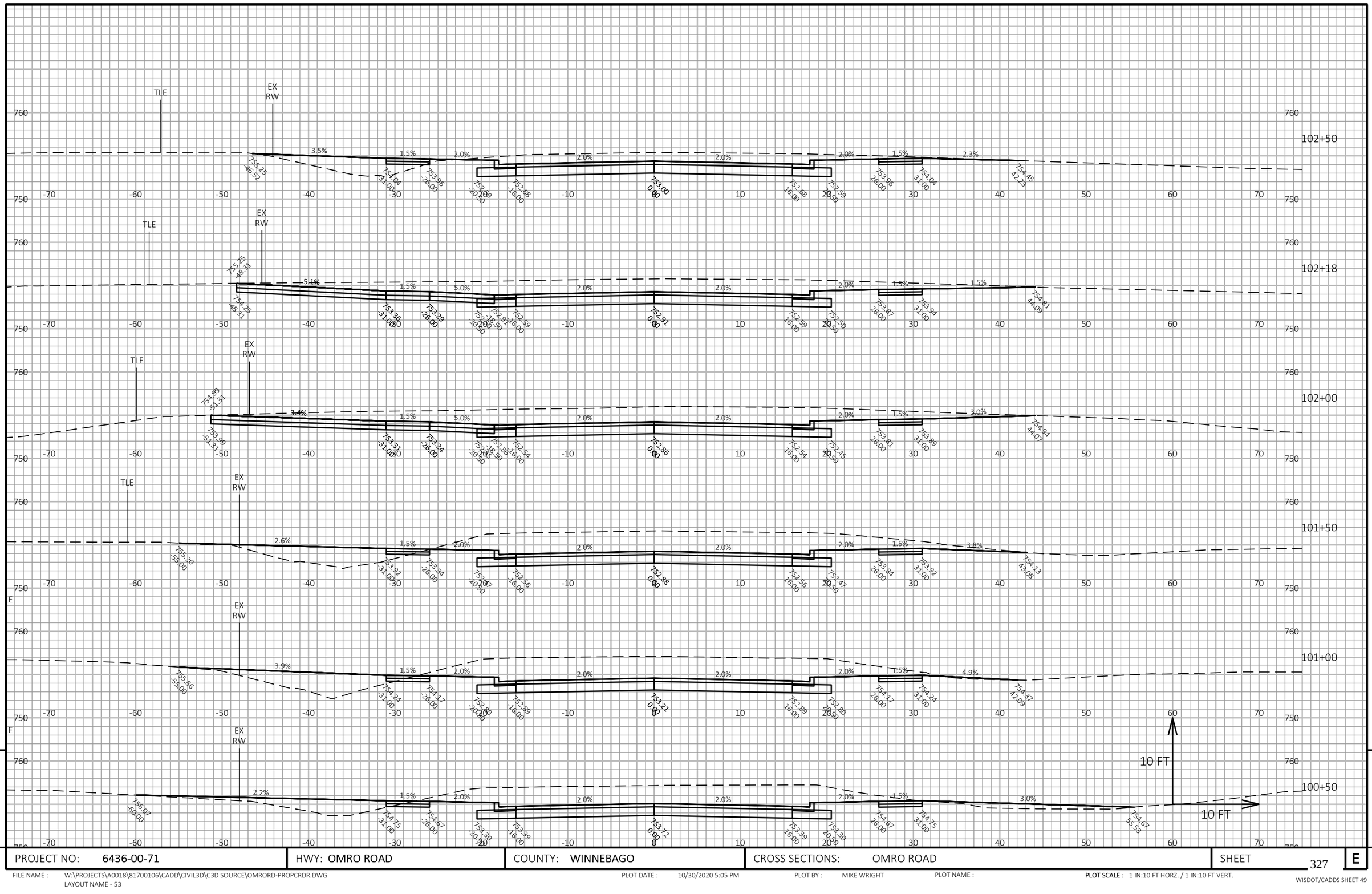


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 326 E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 52

PLOT DATE : 10/30/2020 5:05 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

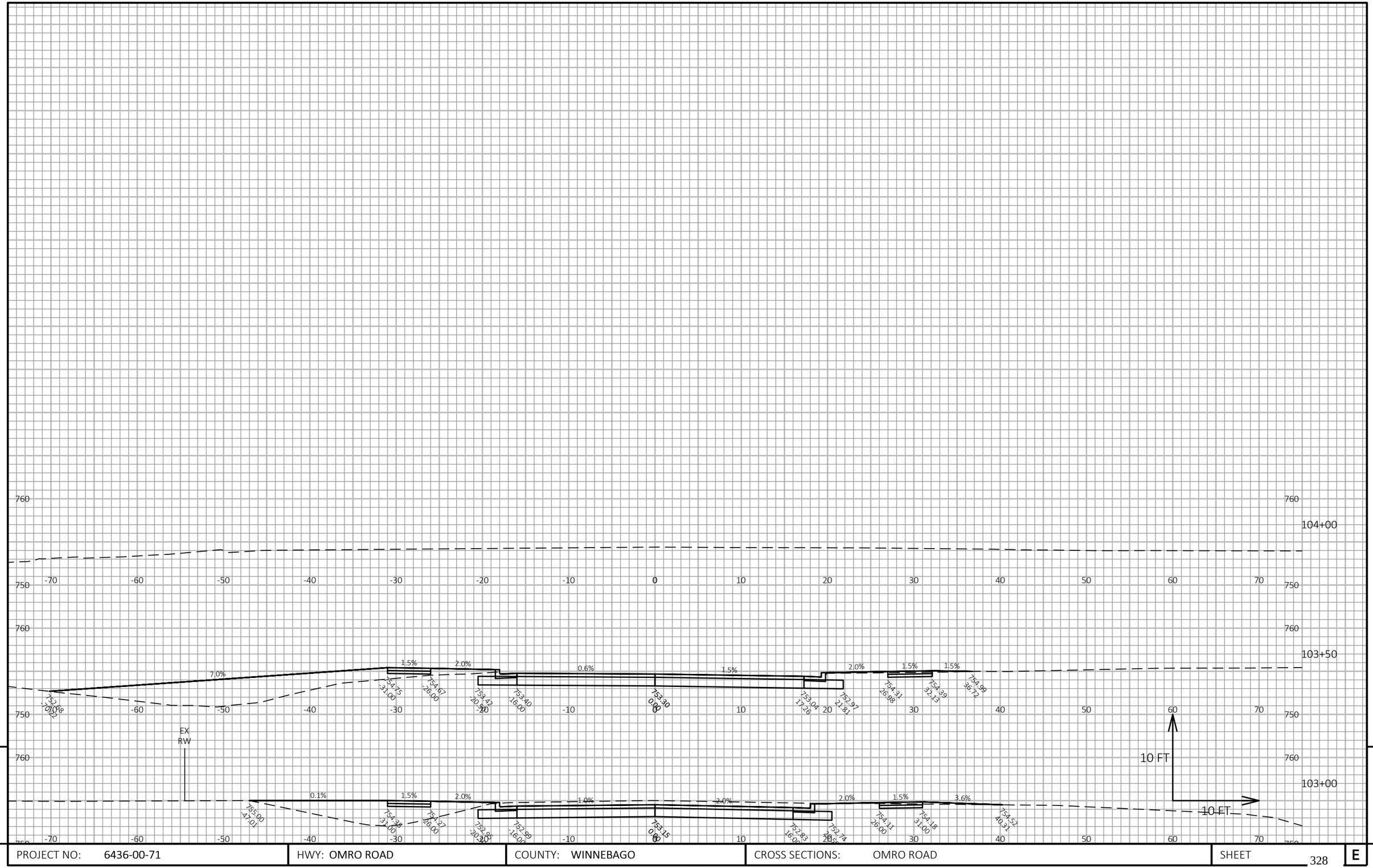
WISDOT/CADDS SHEET 49



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 327	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 53

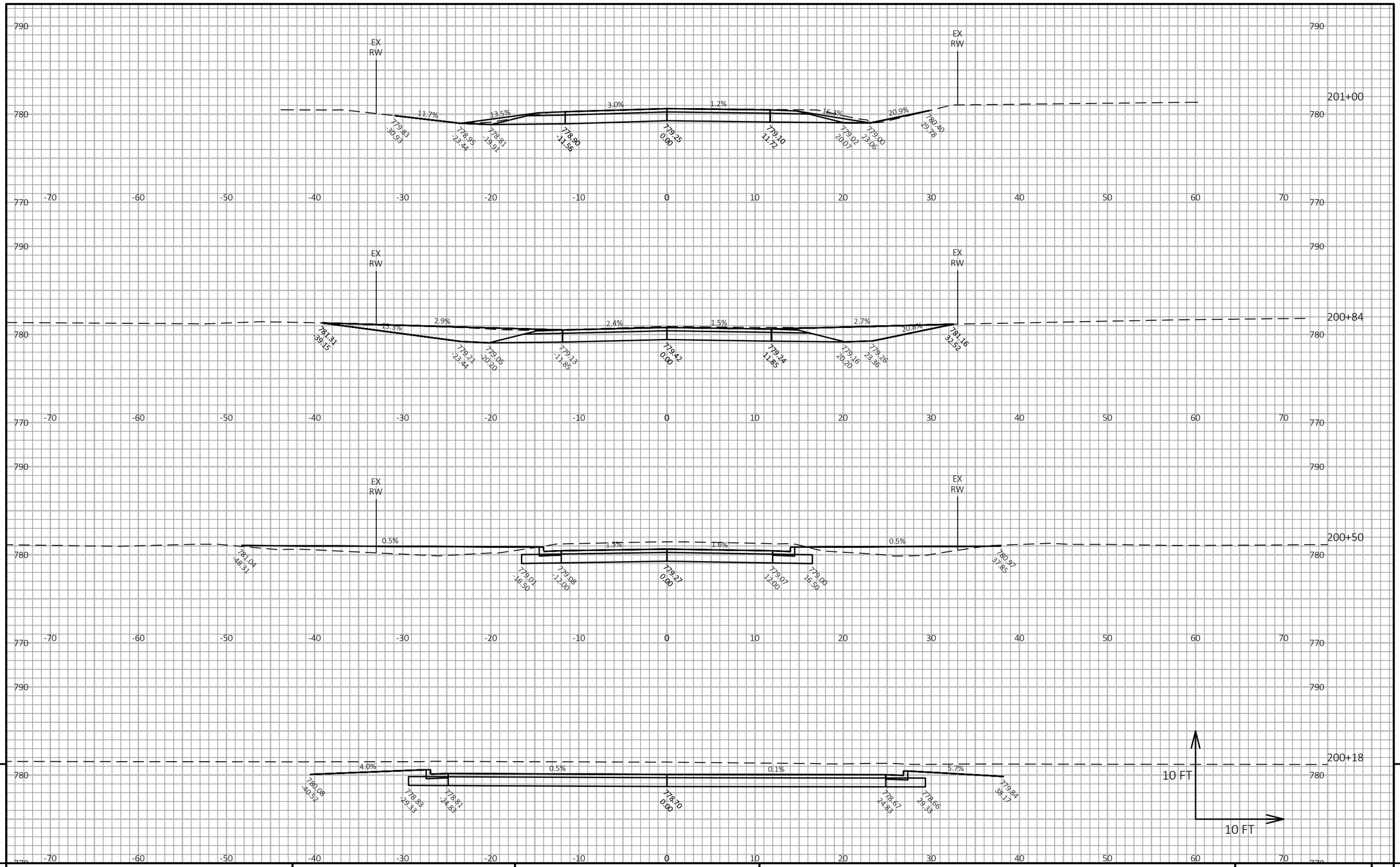
PLOT DATE : 10/30/2020 5:05 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OMRO ROAD	SHEET 328	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 54

PLOT DATE : 10/30/2020 5:06 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

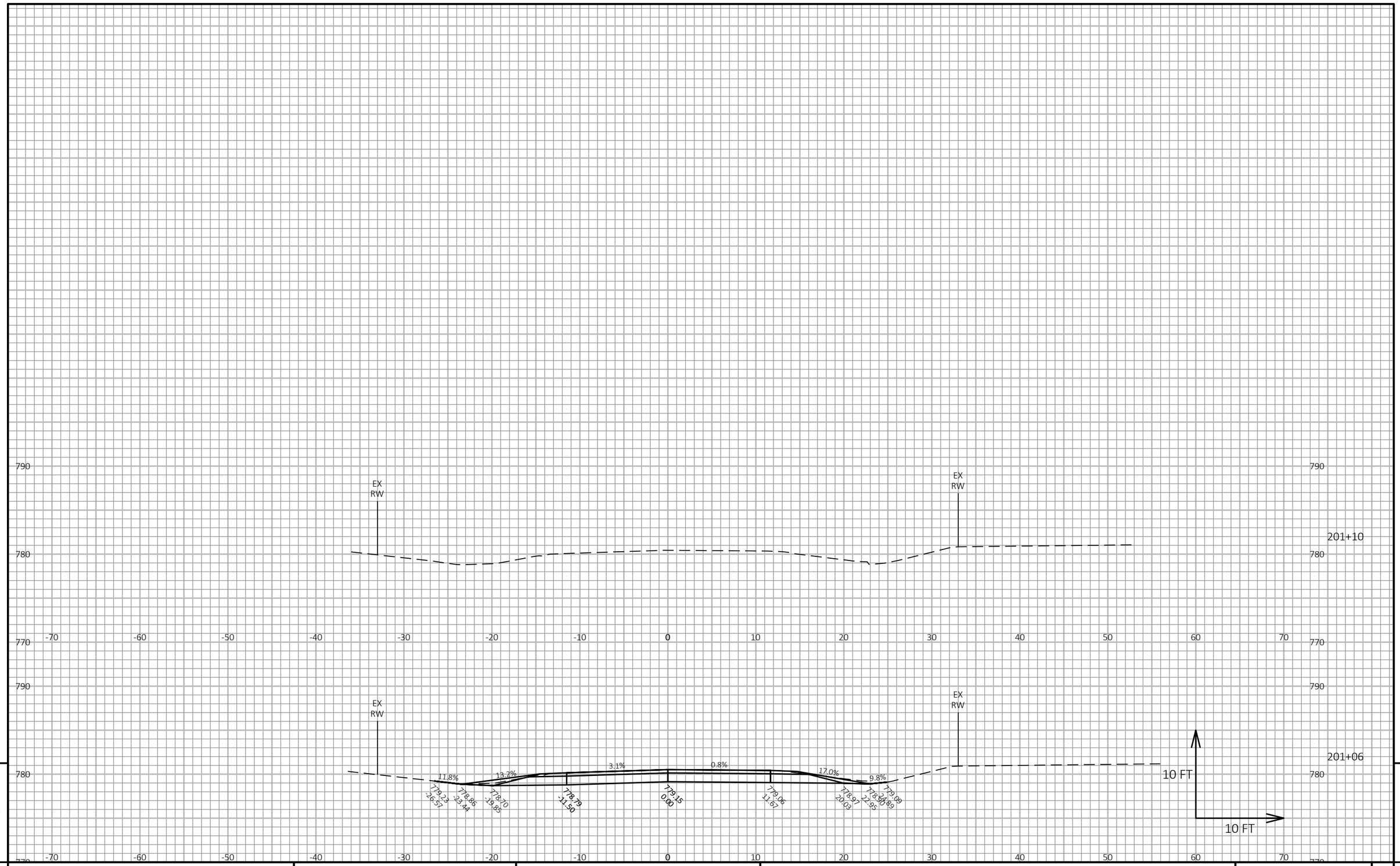


PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: WELSH HAVEN DRIVE	SHEET 329	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 95

PLOT DATE : 10/30/2020 5:06 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



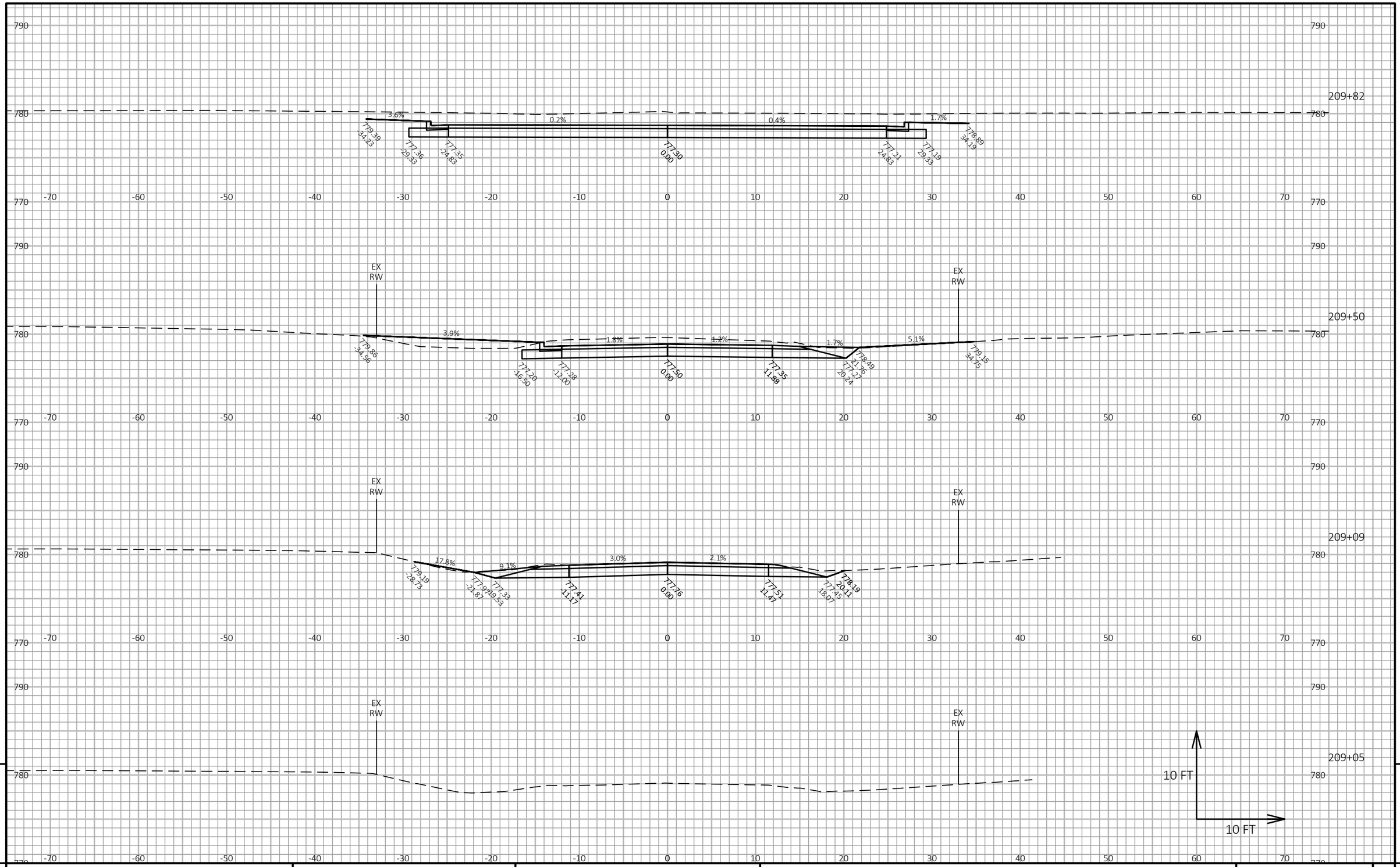
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9

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: WELSH HAVEN DRIVE	SHEET 330	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 96

PLOT DATE : 10/30/2020 5:06 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



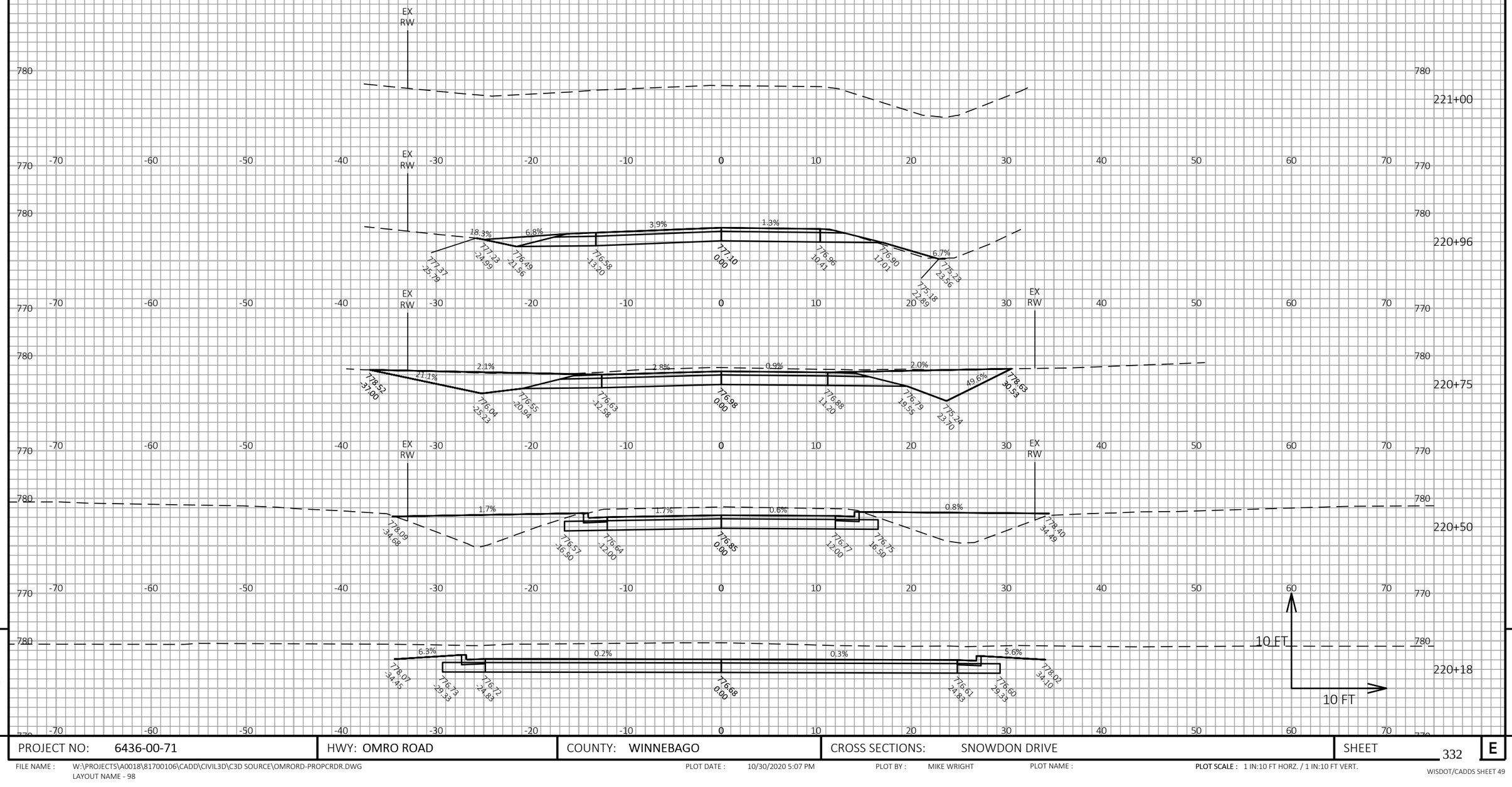
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: CAMBRIA COURT	SHEET 331	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 97

PLOT DATE : 10/30/2020 5:07 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: SNOWDON DRIVE	SHEET 332	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 98

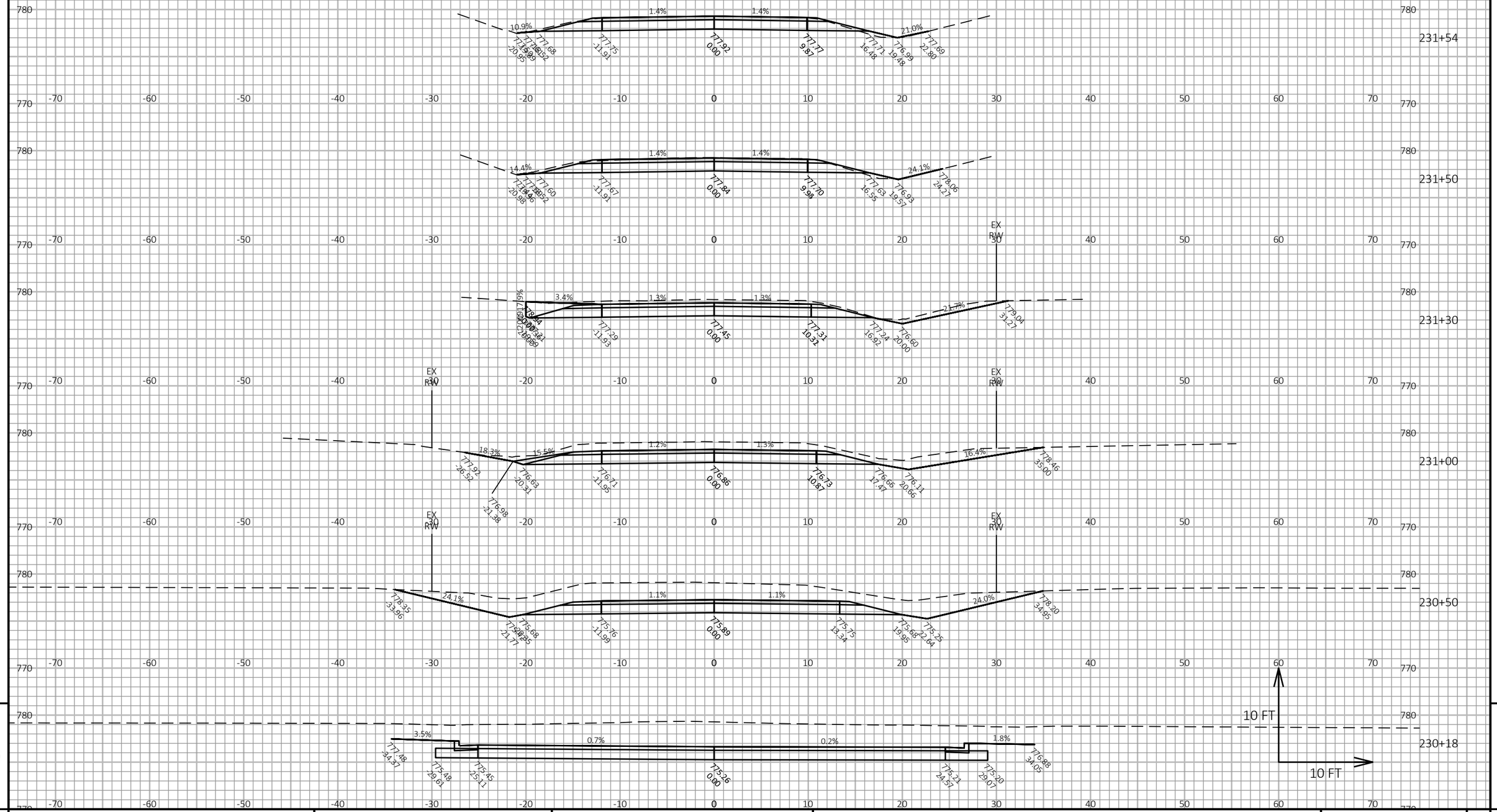
PLOT DATE : 10/30/2020 5:07 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

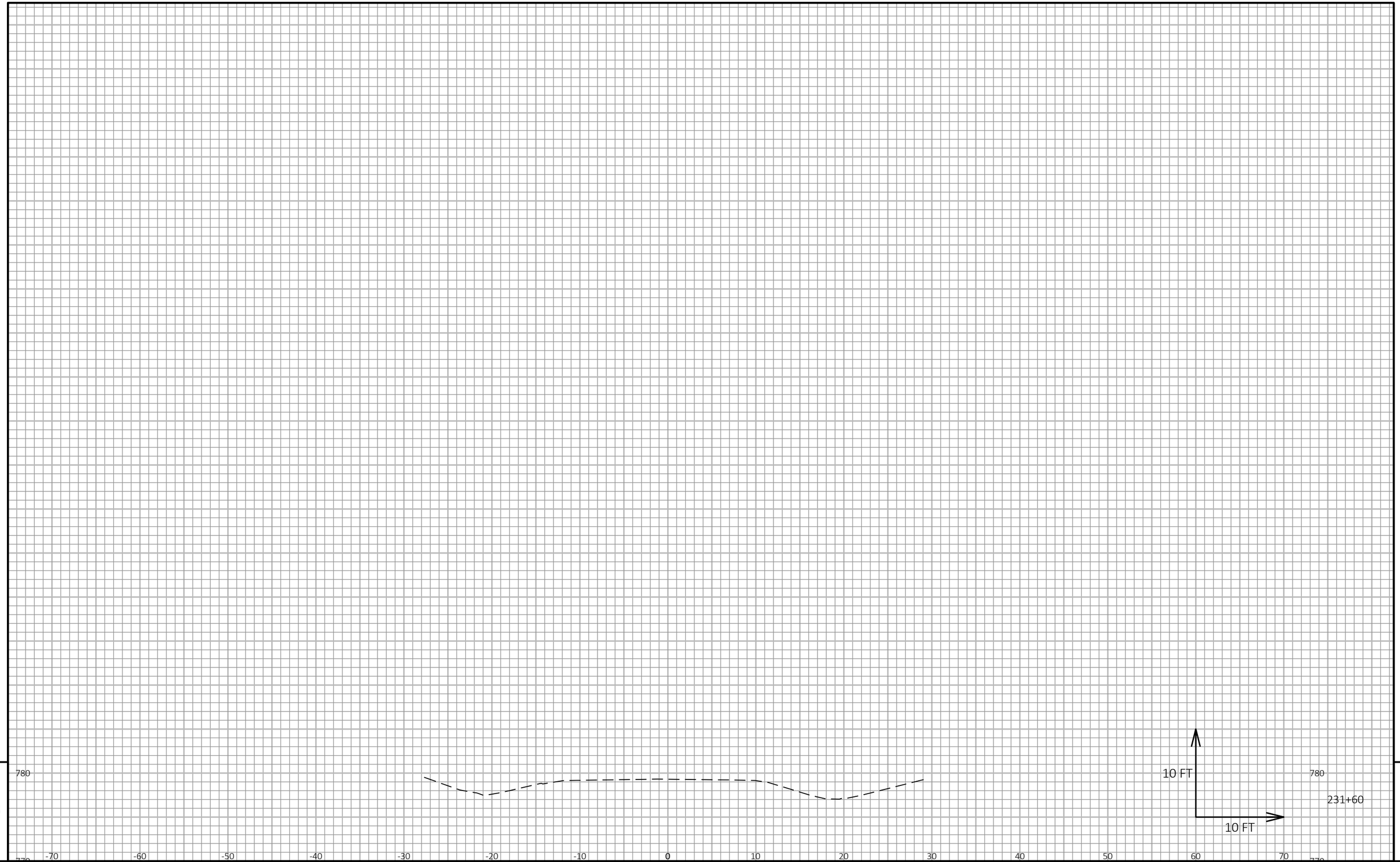
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: LAKE BREEZE ROAD	SHEET 333	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 99

PLOT DATE : 10/30/2020 5:07 PM PLOT BY : MIKE WRIGHT PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



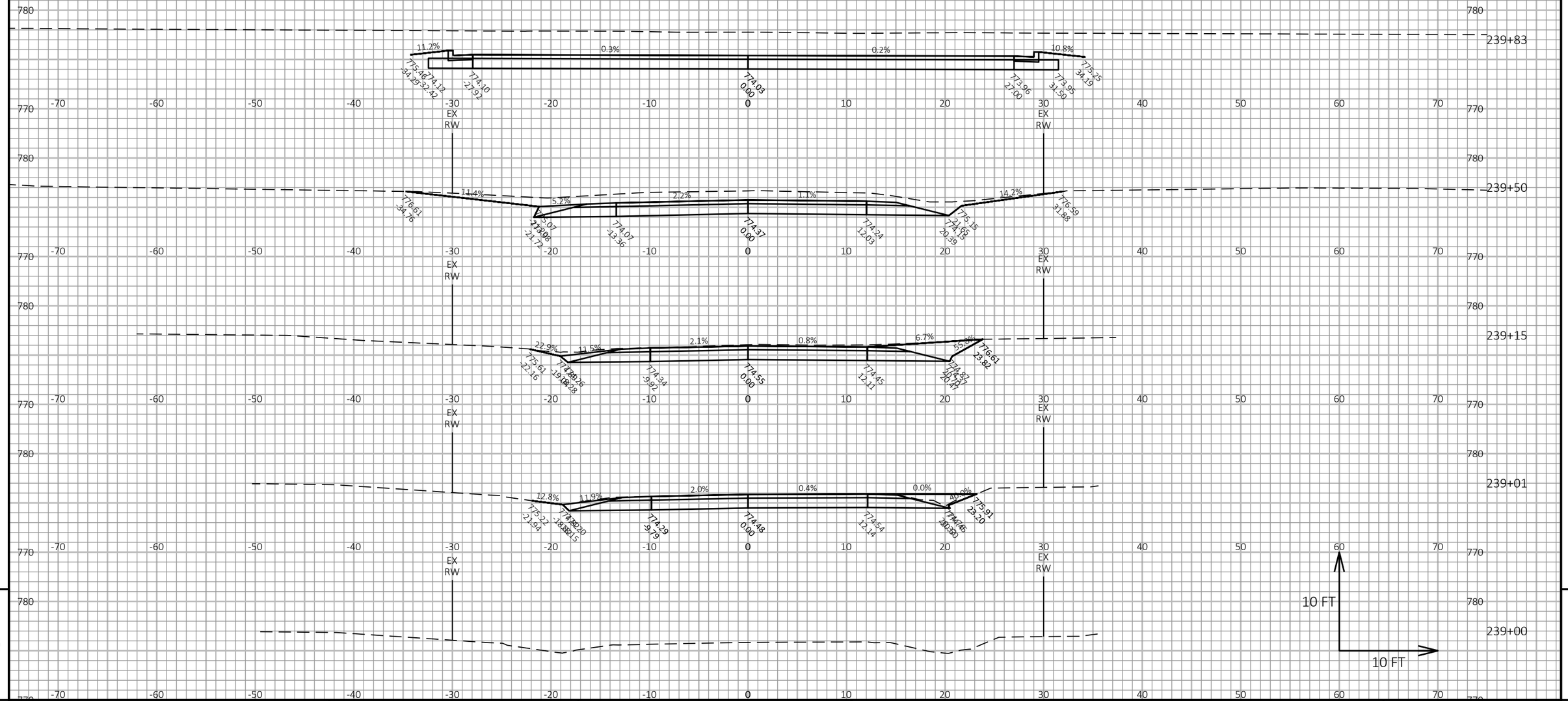
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: LAKE BREEZE ROAD	SHEET 334	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 100

PLOT DATE : 10/30/2020 5:08 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



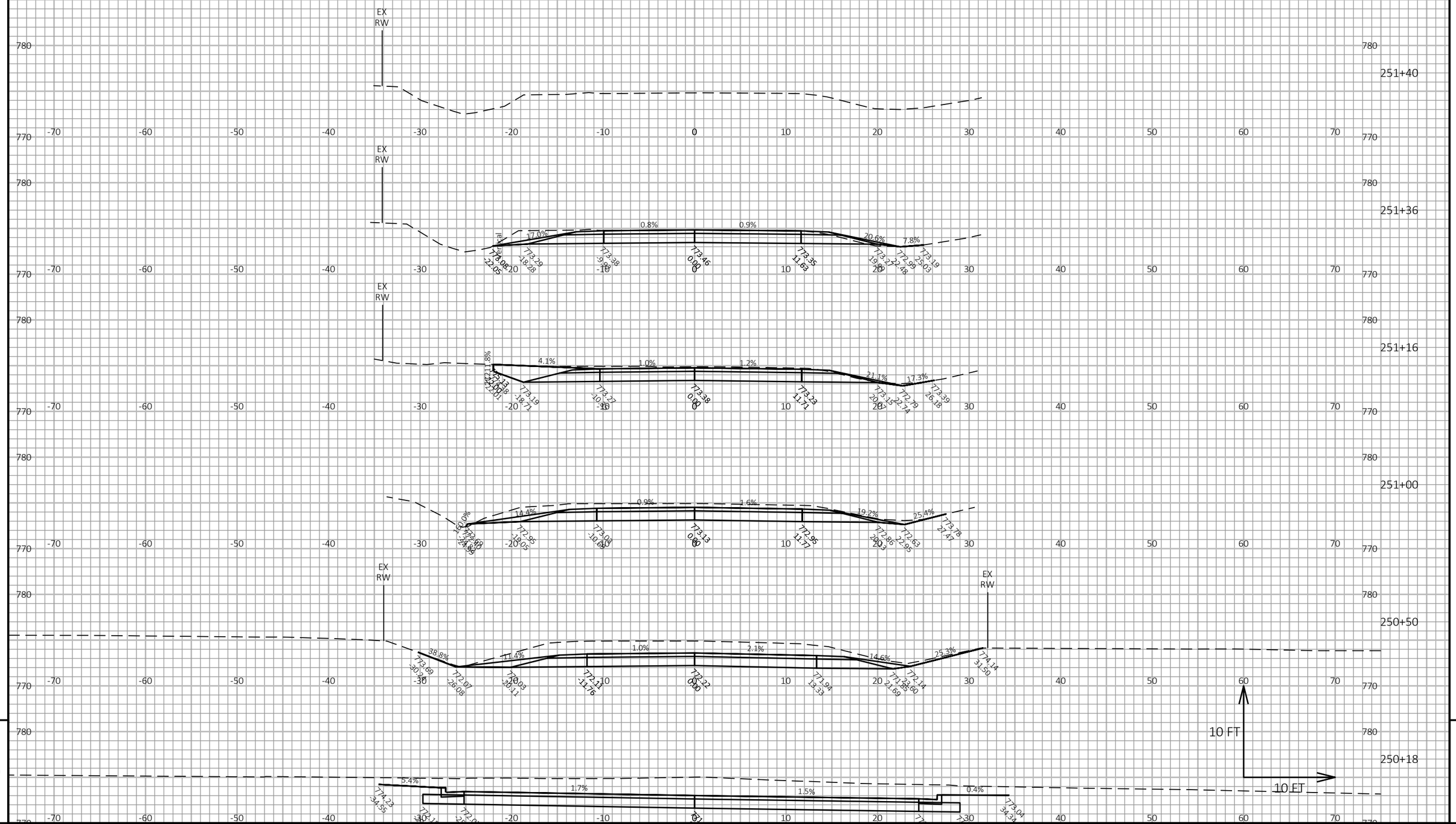
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: ELMHURST LANE	SHEET 335	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 101

PLOT DATE : 10/30/2020 5:08 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



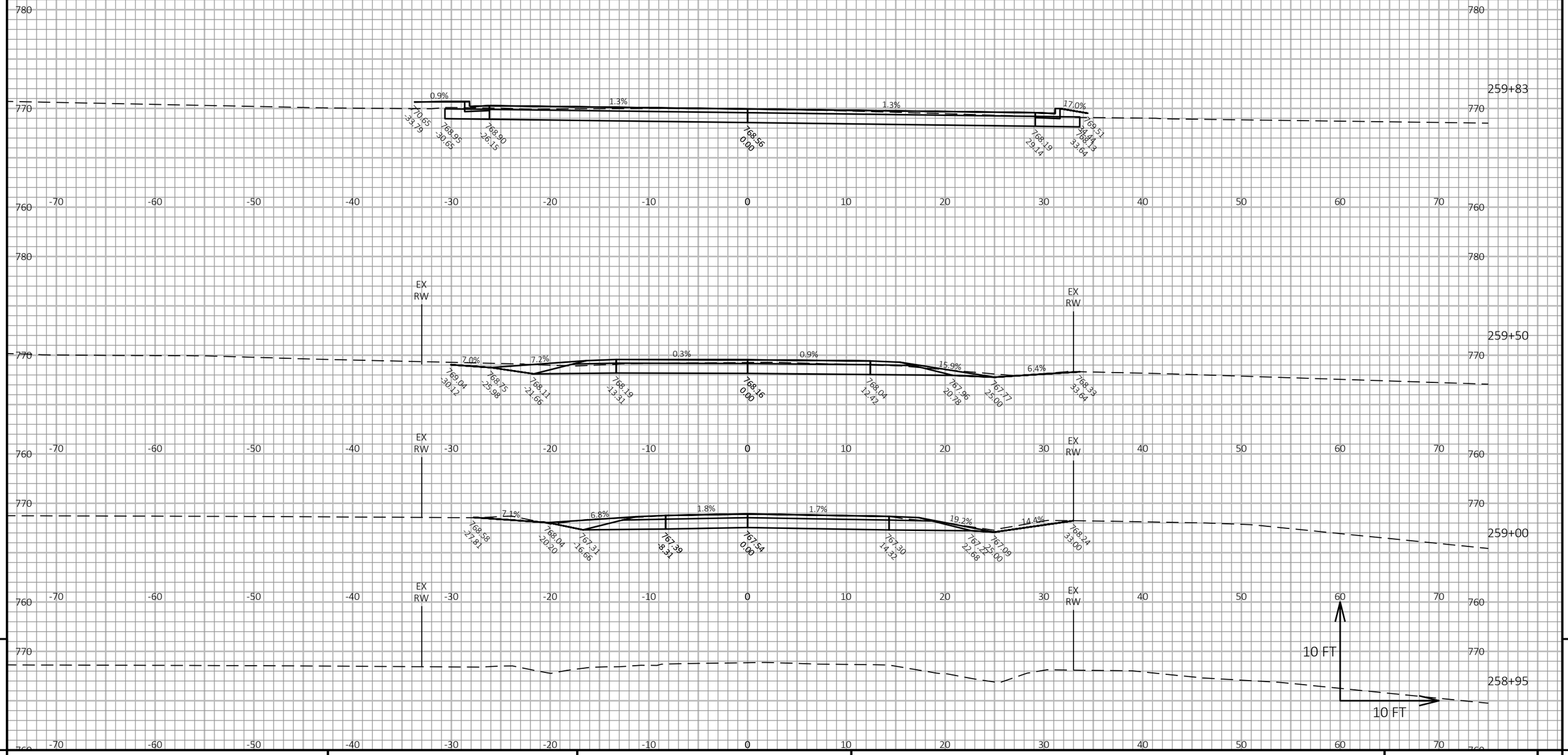
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: TAMMY ROAD	SHEET 336	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 102

PLOT DATE : 10/30/2020 5:08 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: HONEY CREEK ROAD	SHEET 337	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 103

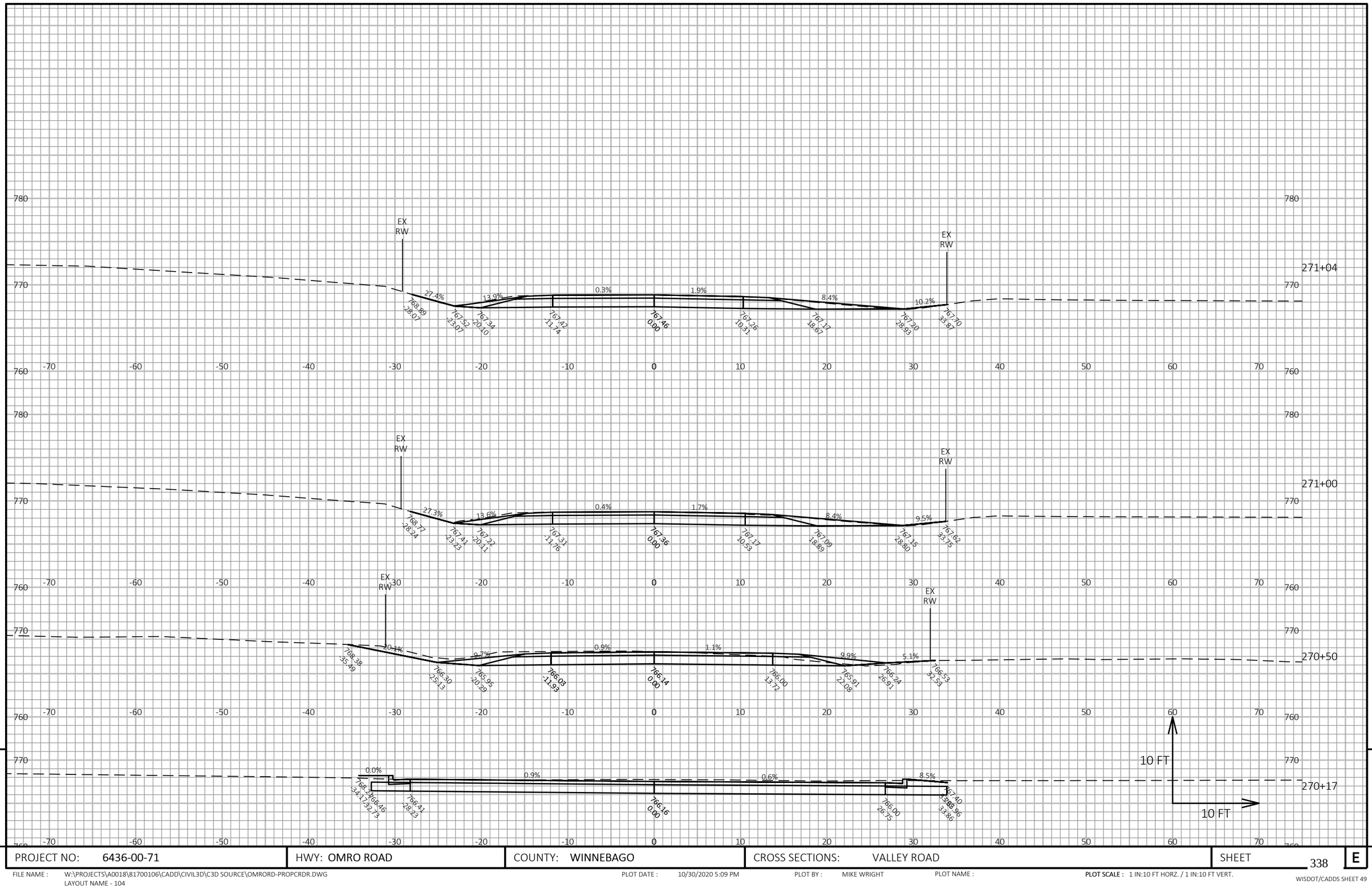
PLOT DATE : 10/30/2020 5:09 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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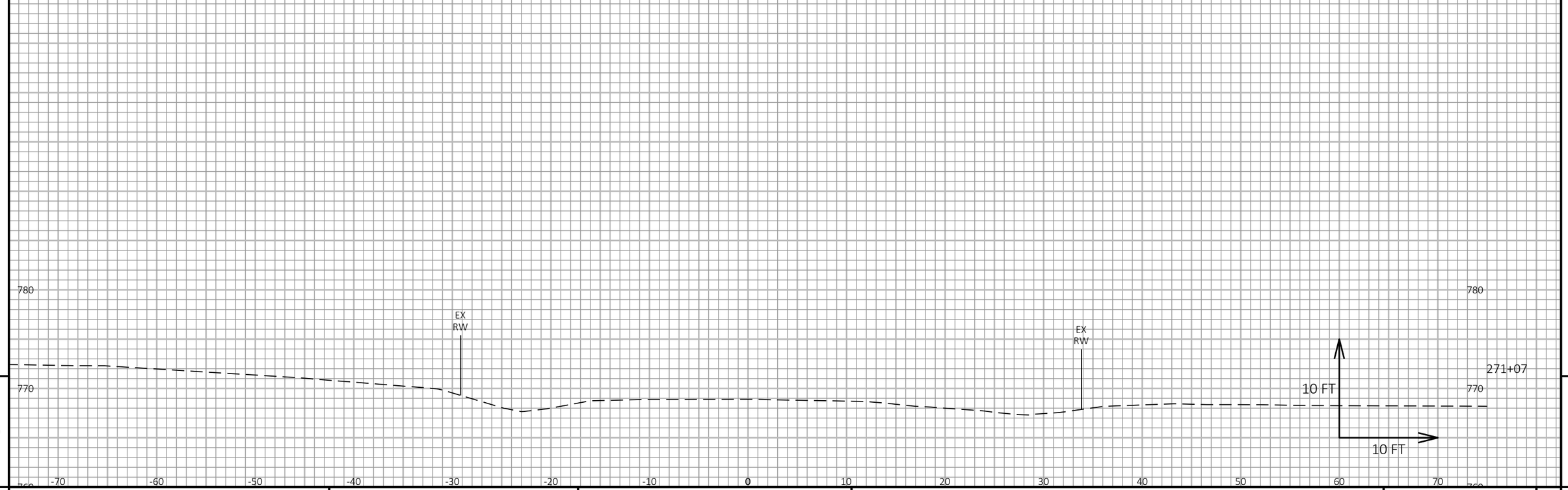
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: VALLEY ROAD	SHEET 338	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 104

PLOT DATE : 10/30/2020 5:09 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



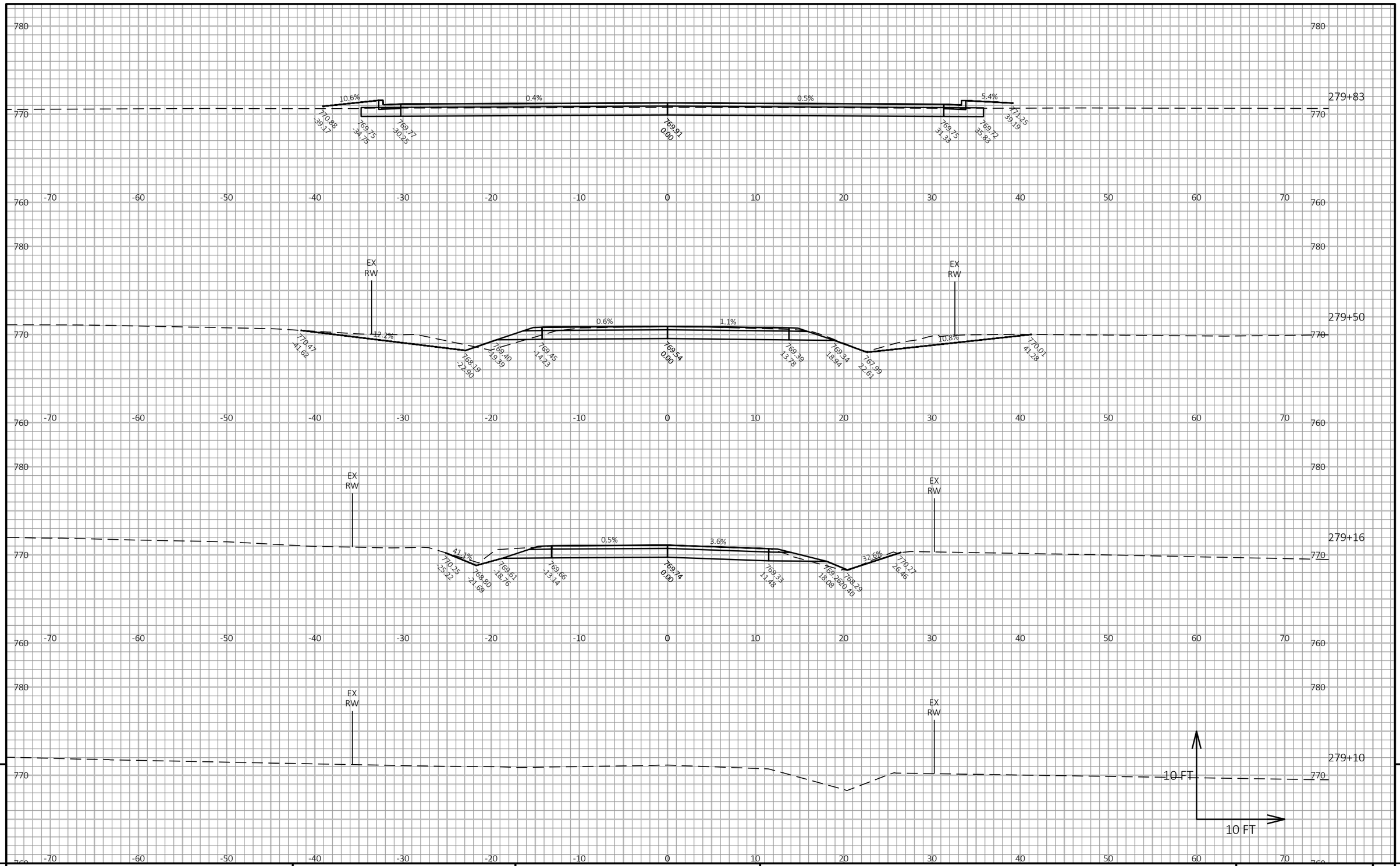
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9

PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: VALLEY ROAD	SHEET 339	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 105

PLOT DATE : 10/30/2020 5:09 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

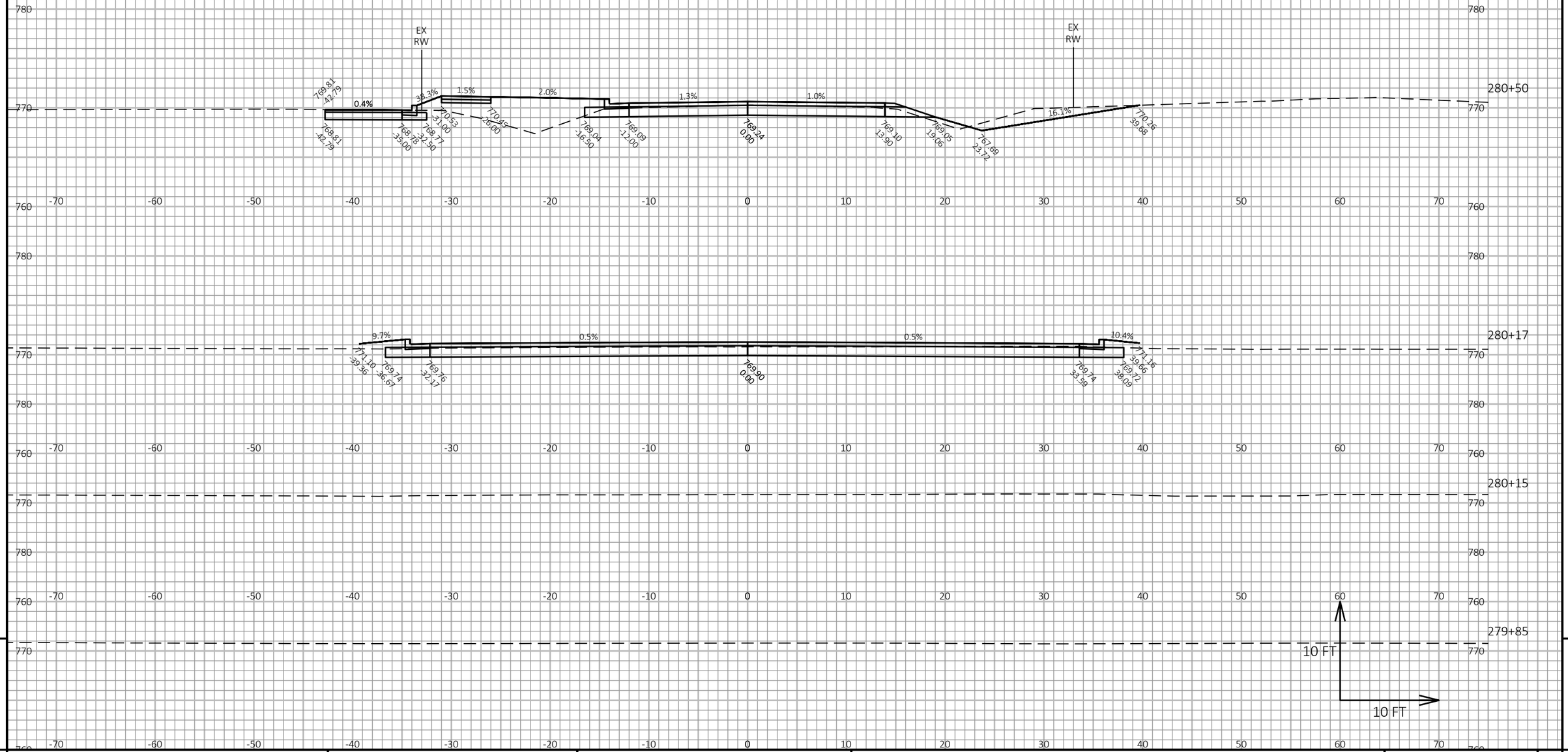
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OAKWOOD ROAD	SHEET 340	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 106

PLOT DATE : 10/30/2020 5:09 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

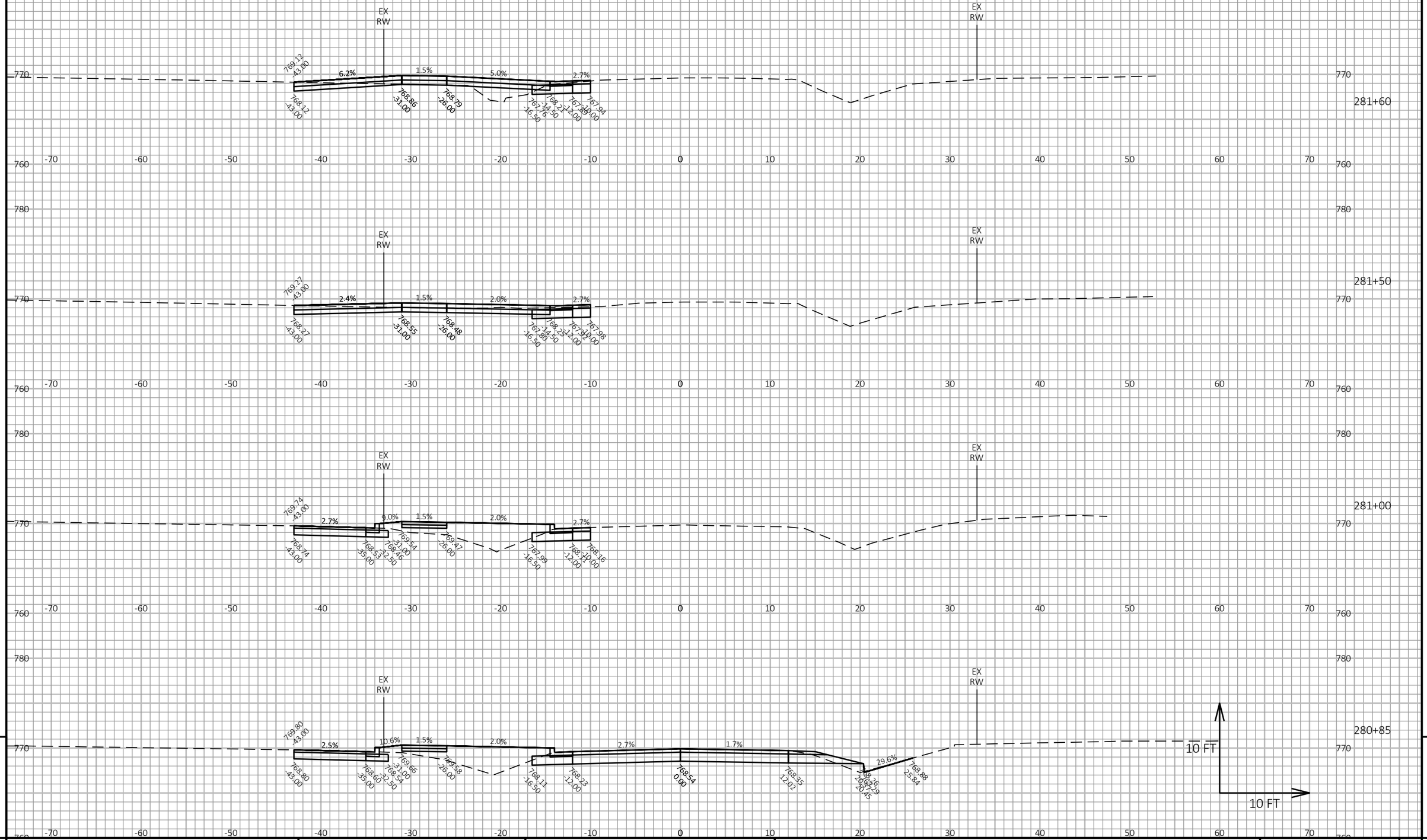
WISDOT/CADDS SHEET 49



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OAKWOOD ROAD	SHEET 341	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 107

PLOT DATE : 10/30/2020 5:10 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OAKWOOD ROAD	SHEET 342	E

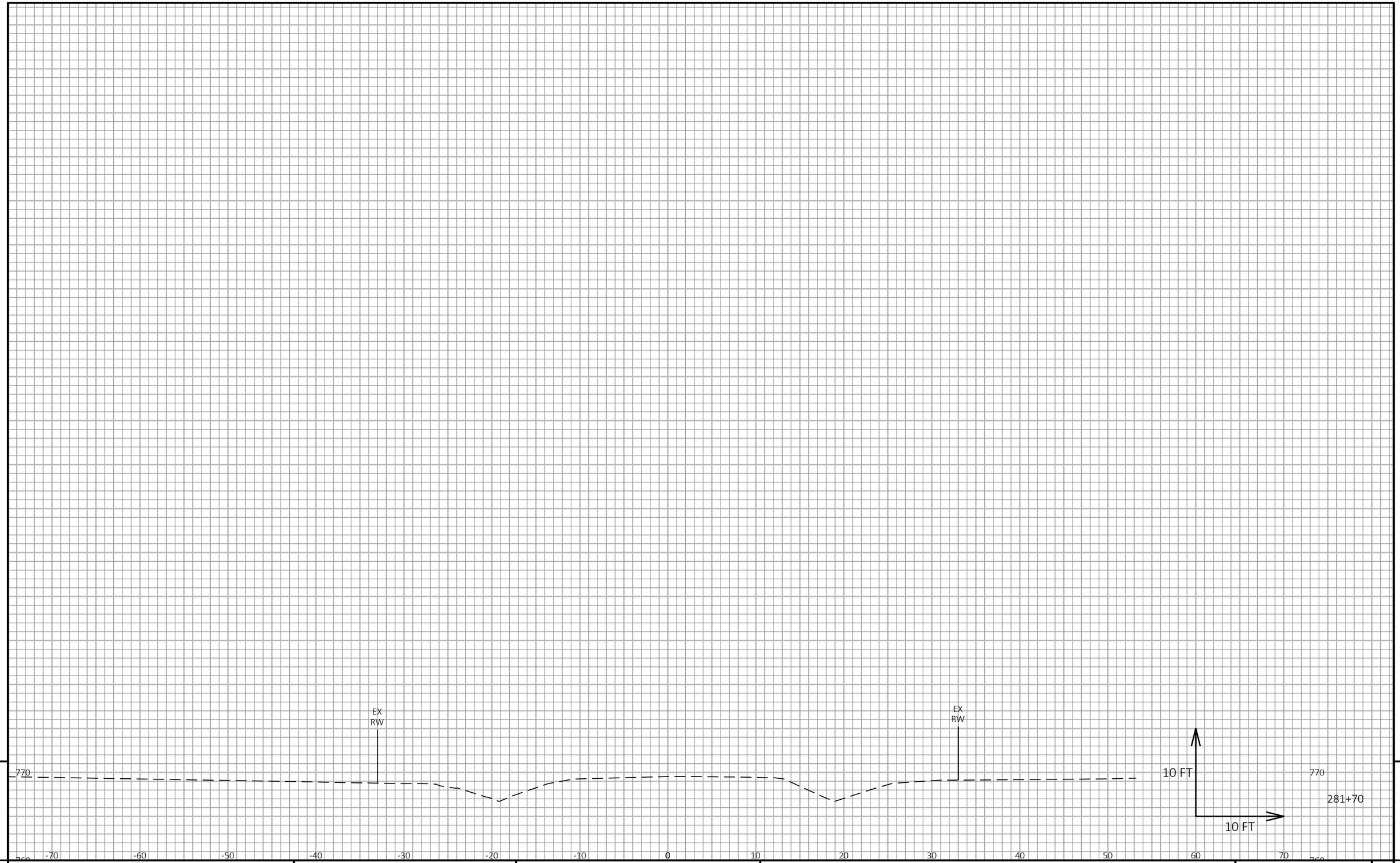
FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 108

PLOT DATE : 10/30/2020 5:10 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



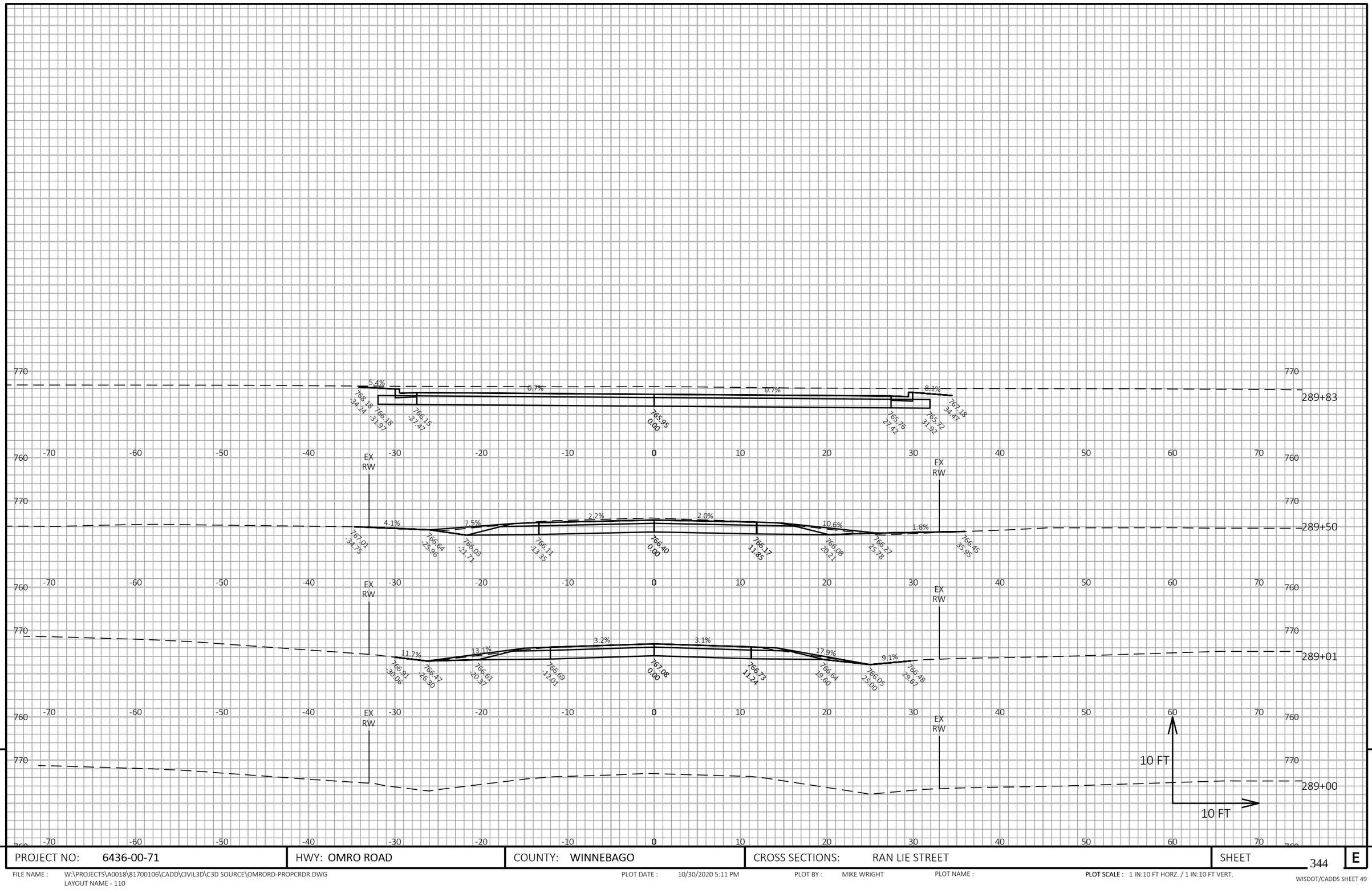
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OAKWOOD ROAD	SHEET 343	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 109

PLOT DATE : 10/30/2020 5:10 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

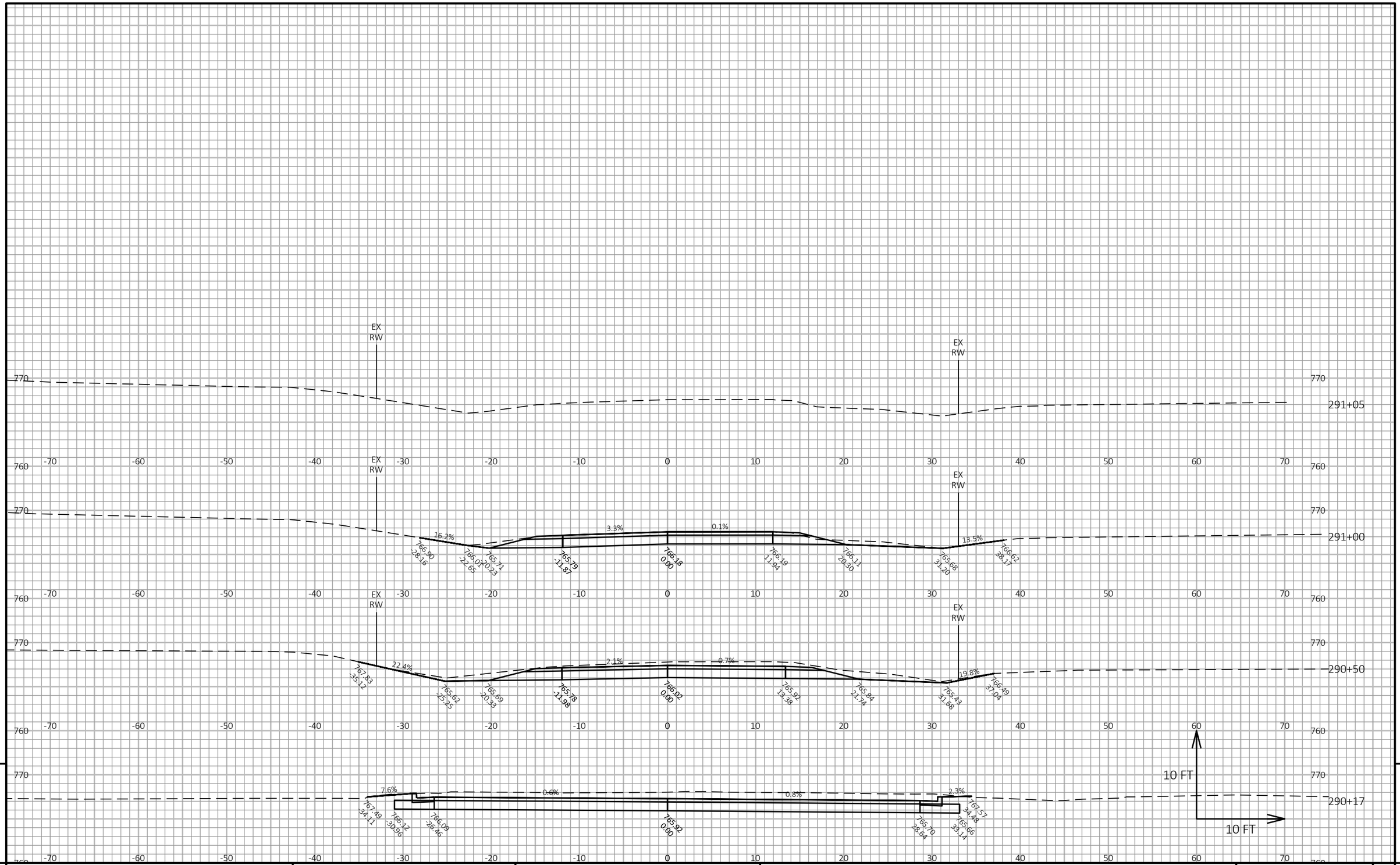
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: RAN LIE STREET	SHEET 344	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 110

PLOT DATE : 10/30/2020 5:11 PM PLOT BY : MIKE WRIGHT PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: OAKWOOD CIRCLE	SHEET 345	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 111

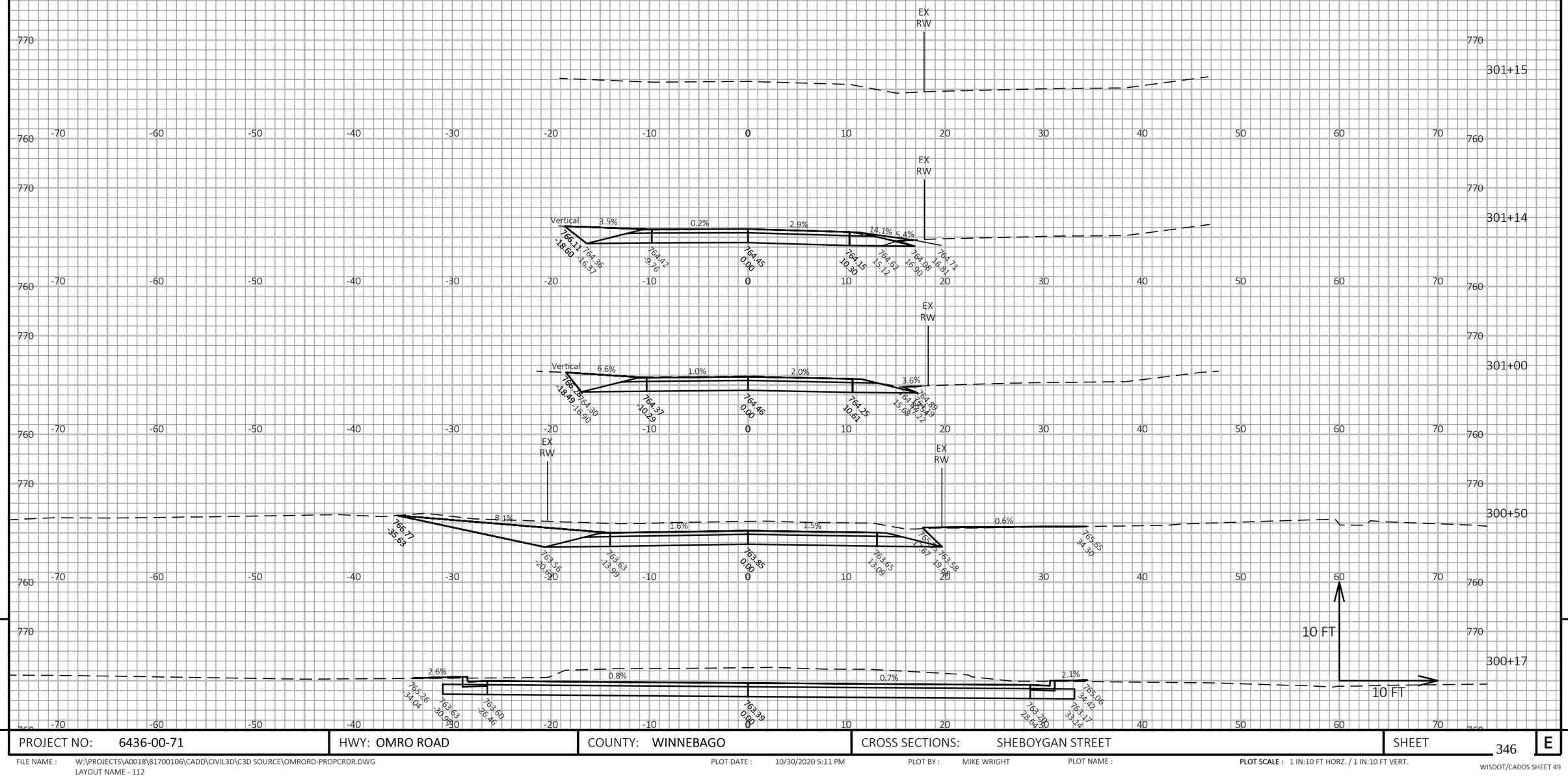
PLOT DATE : 10/30/2020 5:11 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: SHEBOYGAN STREET	SHEET 346	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 112

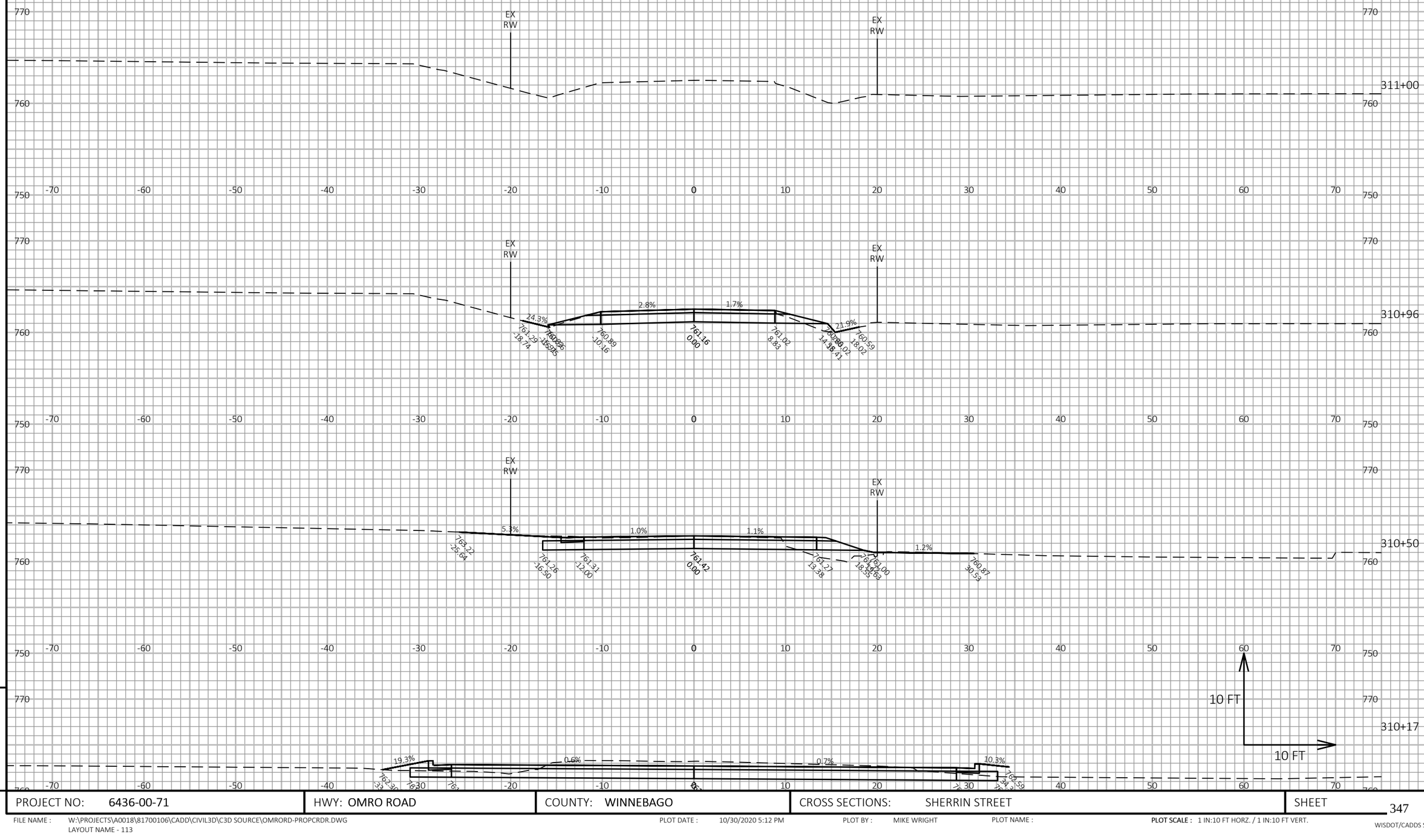
PLOT DATE : 10/30/2020 5:11 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

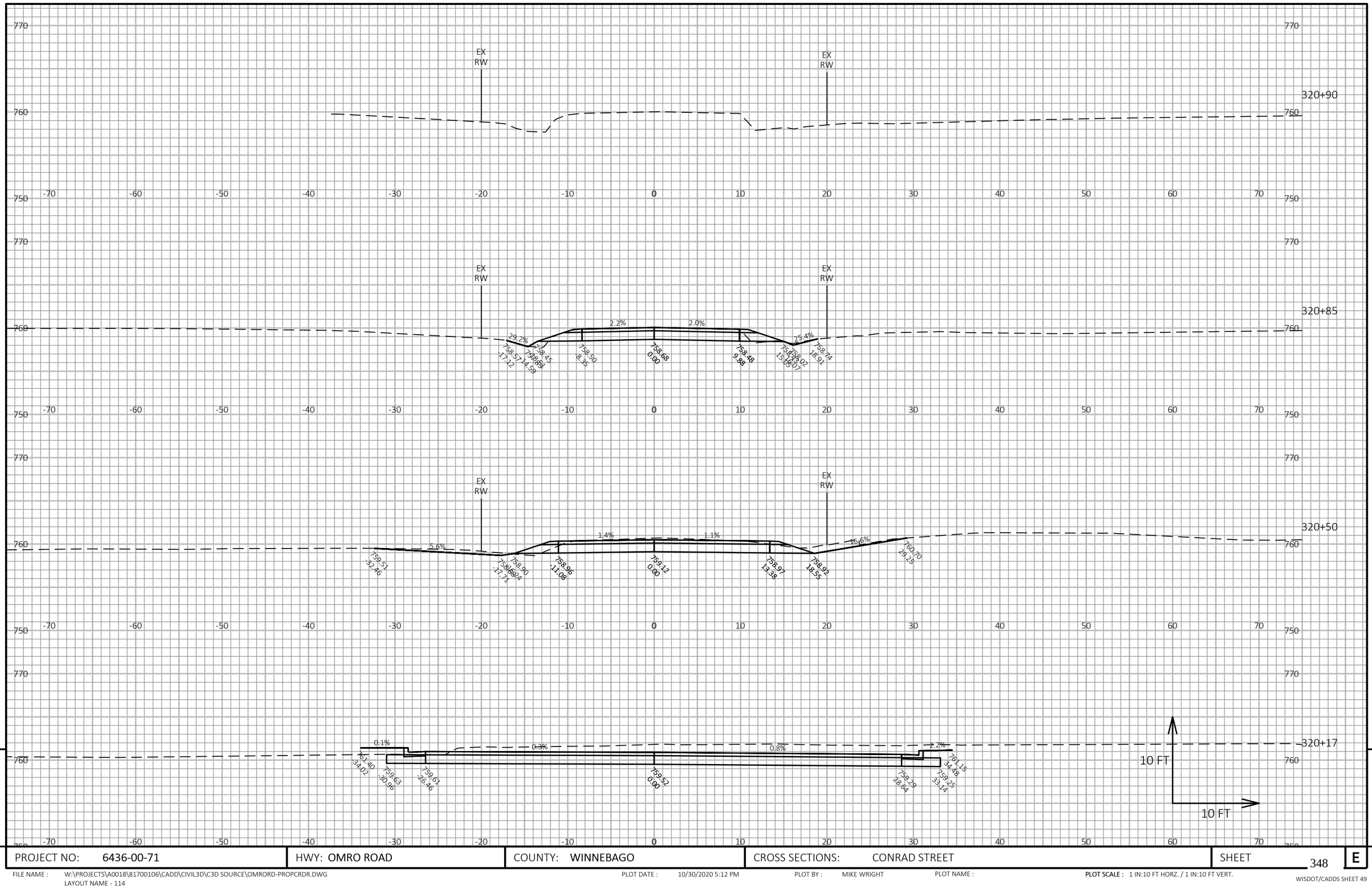
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: SHERRIN STREET	SHEET 347	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 113

PLOT DATE : 10/30/2020 5:12 PM PLOT BY : MIKE WRIGHT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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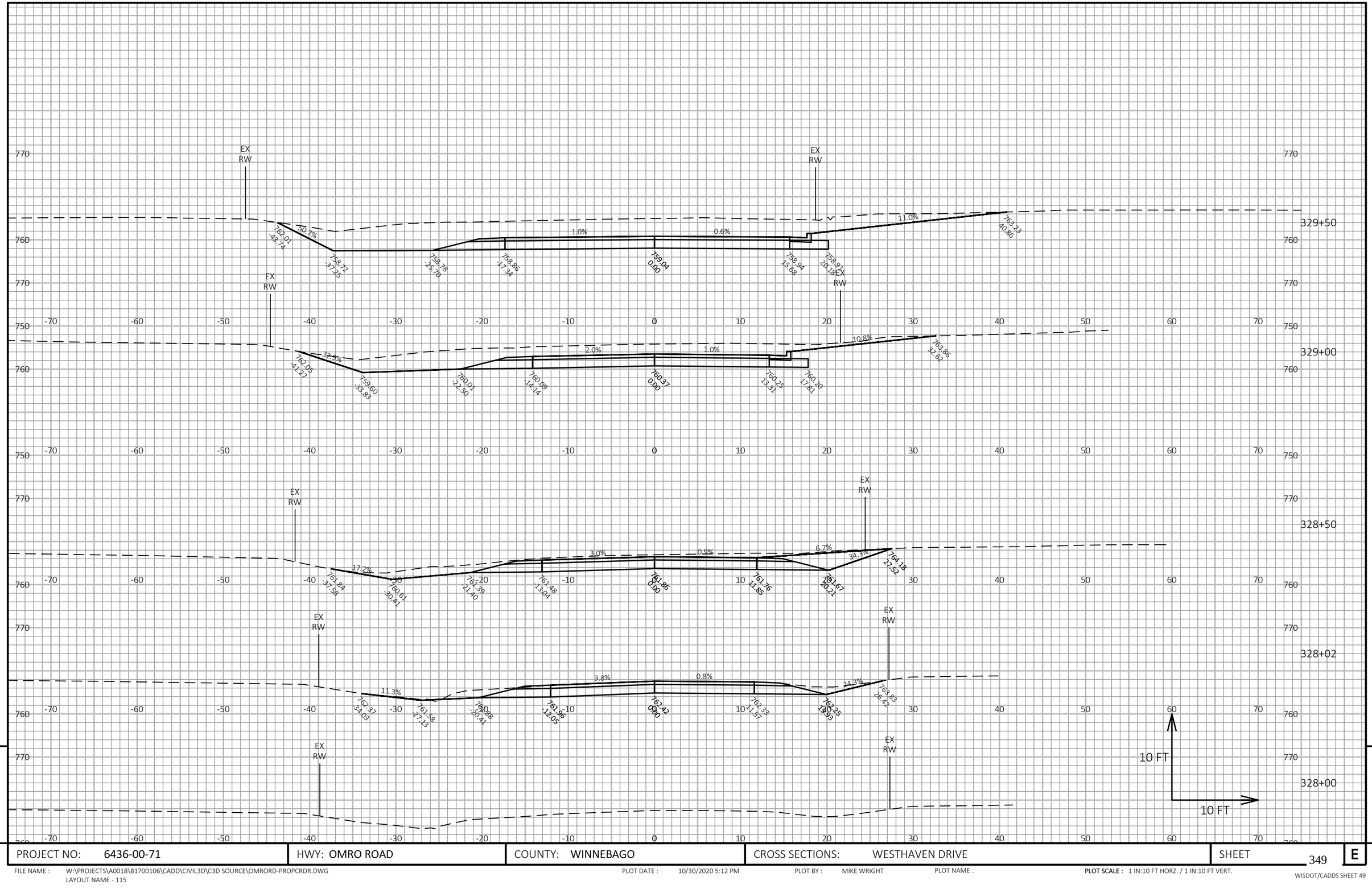
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: CONRAD STREET	SHEET 348	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 114

PLOT DATE : 10/30/2020 5:12 PM PLOT BY : MIKE WRIGHT PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: WESTHAVEN DRIVE	SHEET 349	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 115

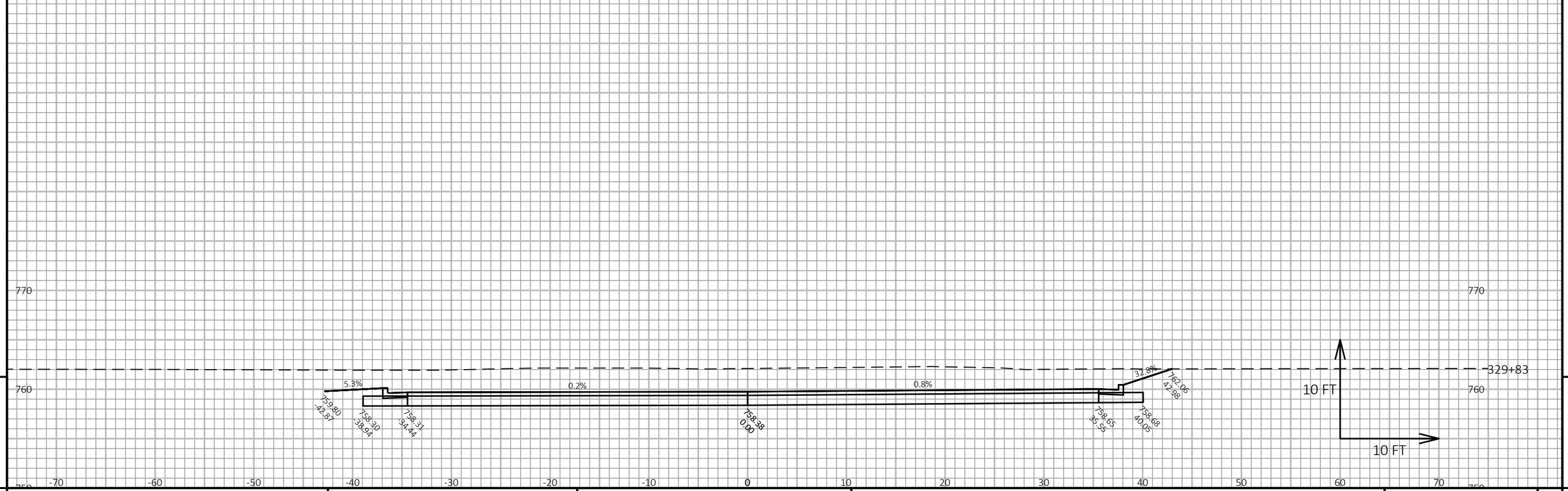
PLOT DATE : 10/30/2020 5:12 PM

PLOT BY : MIKE WRIGHT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

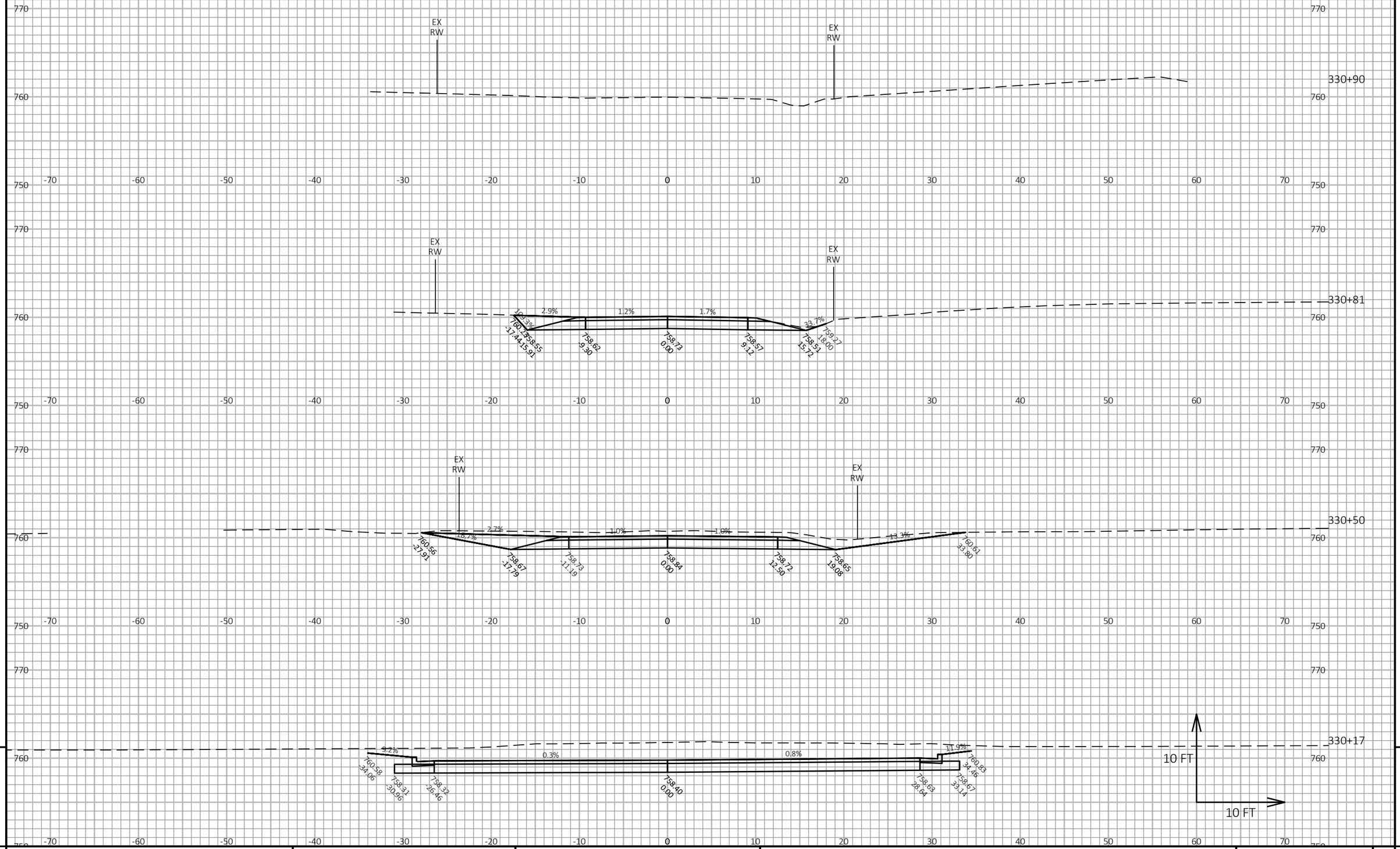
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: WESTHAVEN DRIVE	SHEET 350	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 116

PLOT DATE : 10/30/2020 5:13 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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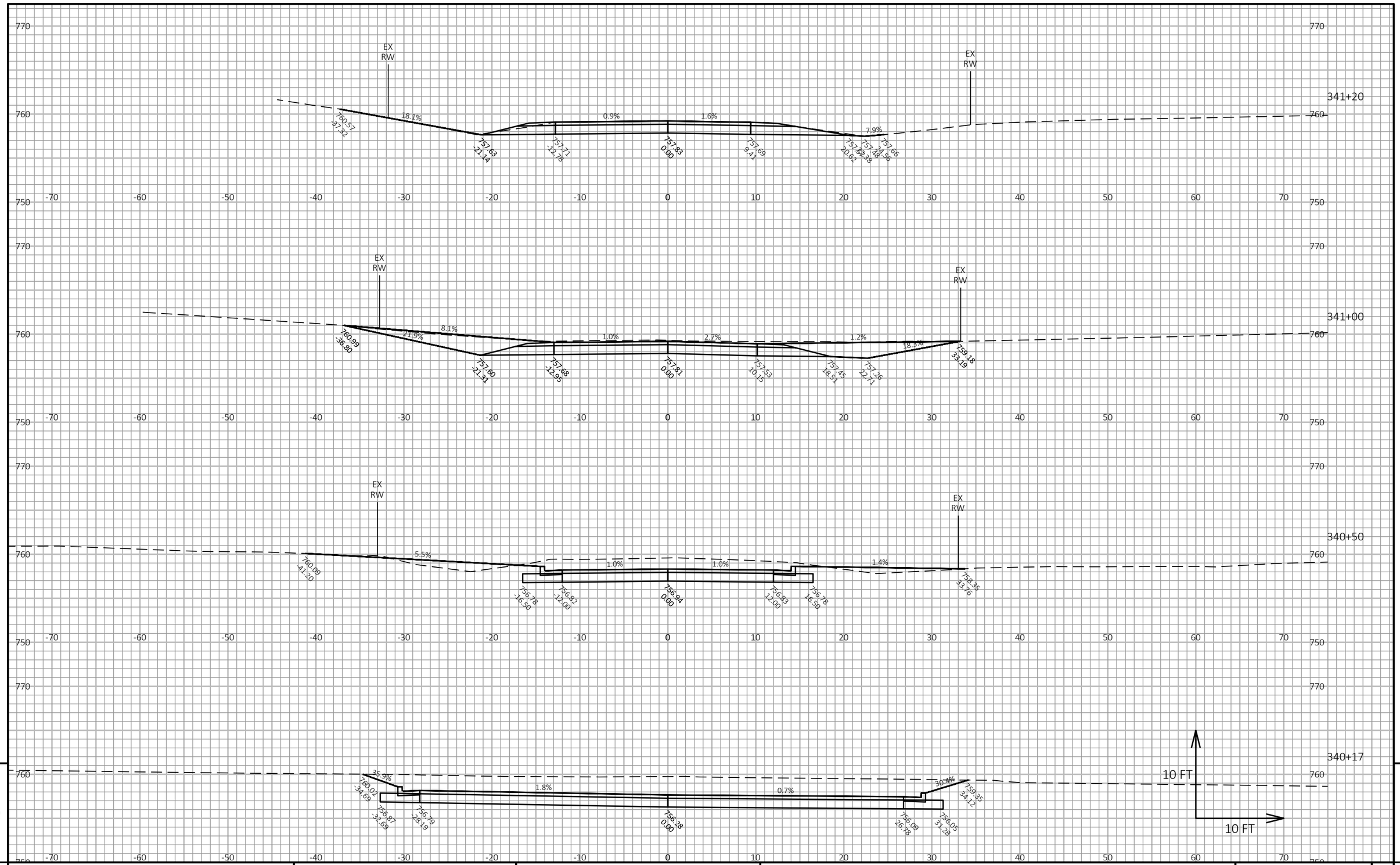
PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: KEWAUNEE STREET	SHEET 351	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 117

PLOT DATE : 10/30/2020 5:13 PM PLOT BY : MIKE WRIGHT PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: WILLOW SPRINGS ROAD	SHEET 352	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 118

PLOT DATE : 10/30/2020 5:13 PM PLOT BY : MIKE WRIGHT PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



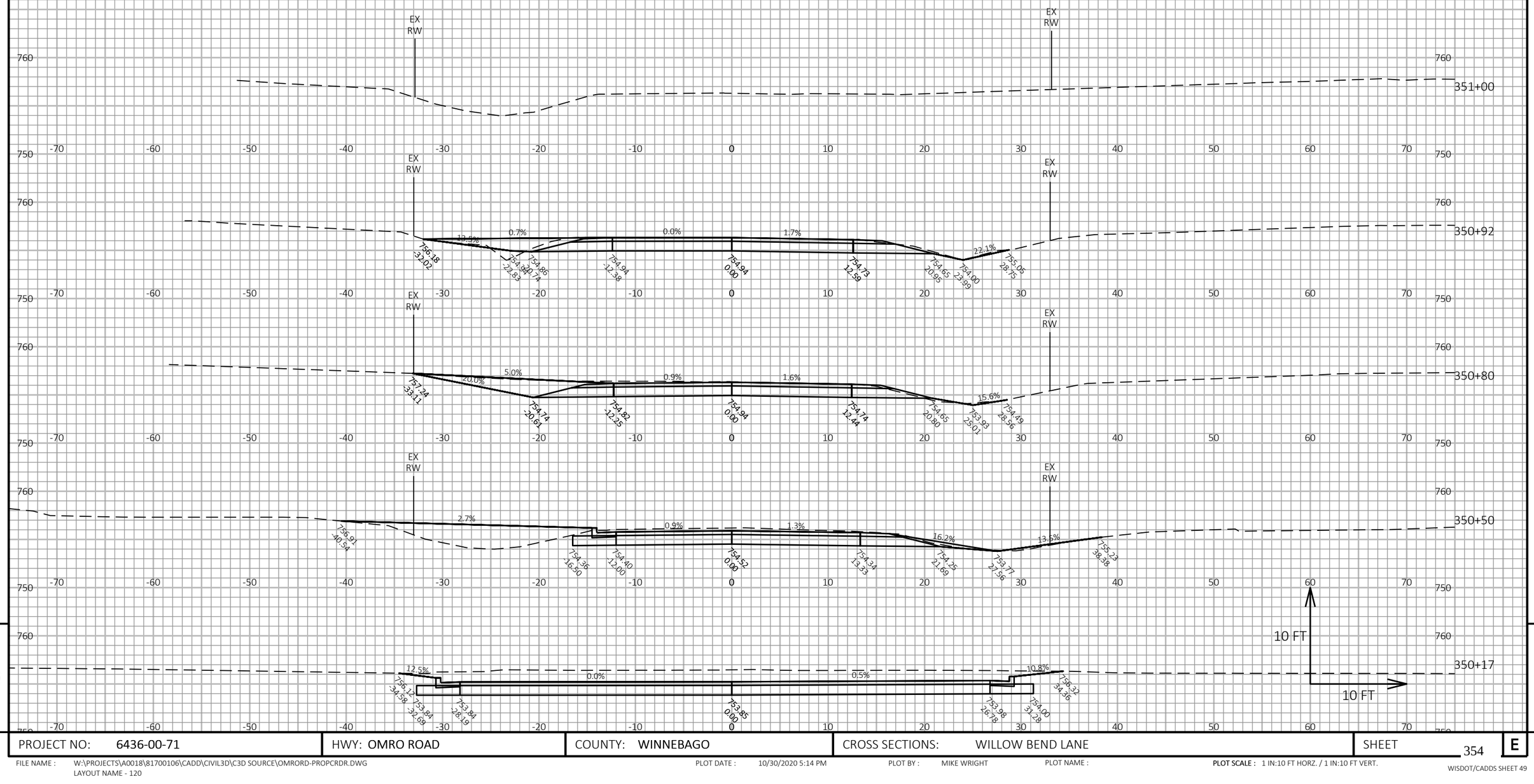
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PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: WILLOW SPRINGS ROAD	SHEET 353	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 119

PLOT DATE : 10/30/2020 5:14 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 6436-00-71	HWY: OMRO ROAD	COUNTY: WINNEBAGO	CROSS SECTIONS: WILLOW BEND LANE	SHEET 354	E

FILE NAME : W:\PROJECTS\A0018\81700106\CADD\CIVIL3D\C3D SOURCE\OMRORD-PROPCRDR.DWG
LAYOUT NAME - 120

PLOT DATE : 10/30/2020 5:14 PM PLOT BY : MIKE WRIGHT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

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