PROJECT ID: 2704-00-76
WITH:

COUNTY: RACINE

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 =

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
2704-00-76		

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

WISCONN VALLEY WAY, V MT PLEASANT

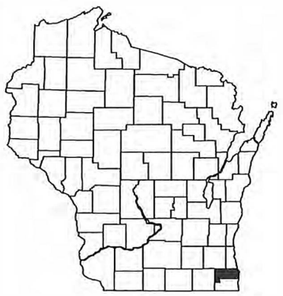
CTH KR TO STH 11

WISCONN VALLEY WAY

RACINE COUNTY

STATE PROJECT NUMBER
2704-00-76

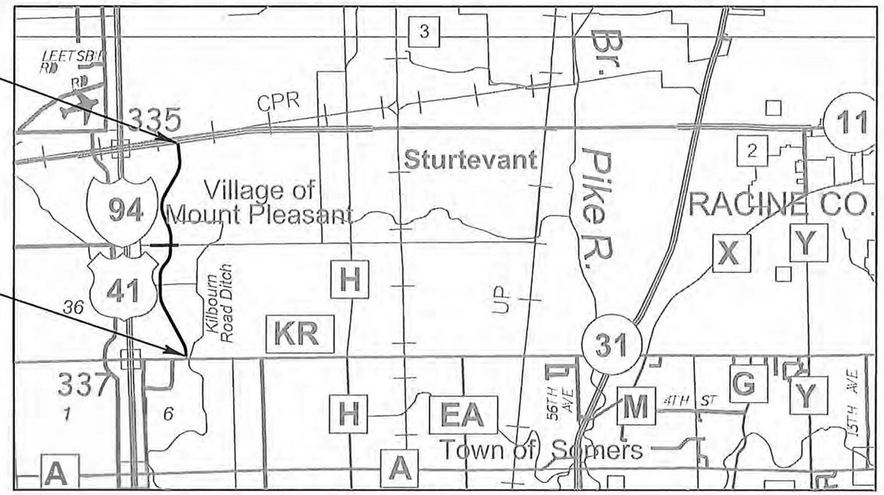
"APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS" DECEMBER 19, 2018



N

END PROJECT 2704-00-76
STA 605+29.12

BEGIN PROJECT 2704-00-76
STA 501+54.47
X=596789.82
Y=165249.21



DESIGN DESIGNATION

A.A.D.T.	=	16,920 (2018)
A.A.D.T.	=	59,200 (2038)
D.H.V.	=	9,515
D.D.	=	50/50
T.	=	16.8%
DESIGN SPEED	=	40 MPH
ESALS	=	12,000,000

CONVENTIONAL SYMBOLS

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

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

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

LAYOUT
SCALE 0 0.6 MI.

TOTAL NET LENGTH OF CENTERLINE = 1.965 MI.

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF NAVD 88 (1991)

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), RACINE COUNTY, NAD 1983 (1997)

WISCONSIN
PRASAD S. NARAYAN
E-26170
BROOKFIELD, WI.
PROFESSIONAL ENGINEER

12/1/18 (Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	KAPUR & ASSOCIATES
Designer	KAPUR & ASSOCIATES
Project Manager	STEVE HOFF
Regional Examiner	
Regional Supervisor	MANOJOY NAG

APPROVED FOR THE DEPARTMENT
DATE: 12/1/18 (Signature)

E

2

GENERAL NOTES

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

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

TEMPORARY STORAGE OF ANY EXCAVATED MATERIAL WILL NOT BE PERMITTED IN WETLAND AREAS.

FERTILIZER SHALL NOT BE USED WITHIN 20 FEET OF NAVIGABLE WATERWAYS OR WETLANDS.

CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED. TOPSOIL SHALL BE PLACED A MINIMUM OF 6 INCHES IN DEPTH.

TOPSOIL SHALL NOT BE PLACED UNTIL APPROVED BY ENGINEER.

RE-TOPSOIL OF GRADED AREAS, AS DESIGNATED BY THE ENGINEER, IMMEDIATELY AFTER GRADING IS COMPLETED WITHIN THOSE AREAS. SEED, FERTILIZE, AND MULCH/EROSION MAT TOP-SOILED AREAS, AS DESIGNATED BY THE ENGINEER, WITHIN FIVE (5) CALENDAR DAYS AFTER PLACEMENT OF TOPSOIL. IF GRADED AREAS ARE LEFT EXPOSED FOR MORE THAN (14) CALENDAR DAYS, SEED THOSE AREAS WITH TEMPORARY SEED AND MULCH.

STOCKPILE EXCESS MATERIAL OR SPOILS ON UPLAND AREAS AWAY FROM WETLANDS, FLOODPLAINS AND WATERWAYS. STOCKPILED SOIL SHALL BE PROTECTED AGAINST EROSION. IF STOCKPILED MATERIAL IS LEFT FOR MORE THAN FOURTEEN (14) CALENDAR DAYS, SEED THE STOCKPILE WITH TEMPORARY SEED AND MULCH.

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

ALL HOLES OR OPENINGS BELOW SUBGRADE RESULTING FROM ABANDONMENT OR REMOVAL OF EXISTING STRUCTURES WILL BE FILLED WITH COMPACTED BACKFILL GRANULAR GRADE 1 UNLESS REGULATIONS REQUIRED OTHERWISE. BACKFILL GRANULAR GRADE 1 IS INCIDENTAL TO THE REMOVAL ITEM.

PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, THE CONTRACTOR SHALL VERIFY INVERT AND RIM ELEVATIONS IN THE PLAN WITH THE ENGINEER.

CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE LINE, UNLESS NOTED OTHERWISE.

CURB AND GUTTER JOINT SPACING SHALL MATCH ADJACENT PAVEMENT.

1/2-INCH FELT EXPANSION JOINT MATERIAL IS REQUIRED BETWEEN BACK OF CURB AND CONCRETE SIDEWALK OR DRIVEWAY APRON.

BROKEN CONCRETE CONTAINING RE-BAR SHALL NOT BE USED AS RIPRAP.

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

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

SIGNS TO BE MOVED SHALL BE STORED AND PROTECTED BY THE CONTRACTOR, FREE FROM DAMAGE, UNTIL SUCH TIME AS THEY ARE RE-INSTALLED.

REFER TO SPECIAL PROVISIONS FOR EROSION CONTROL REQUIREMENTS.

DESIGN INDEX

TITLE
GENERAL NOTES AND UTILITY CONTACTS
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
REMOVAL PLAN
CURB RAMP DETAILS
PLAN DETAILS
PAVING GRADES
EROSION CONTROL
STORM SEWER
SIGNING PLAN
LIGHTING
TRAFFIC SIGNAL PLAN
PAVEMENT MARKING
STAGE CONSTRUCTION
TRAFFIC CONTROL
ALIGNMENT PLAN

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	GENERAL NOTES AND UTILITY CONTACTS	SHEET	E

UTILITY CONTACTS

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andy.doerflinger@we-energies.com

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mbenish@mtpleasantwi.gov

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14200 WASHINGTON AVENUE
STURTEVANT, WI 53177
PHONE: (262) 886-8442
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SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION
ROB MERRY
W239 N1812 ROCKWOOD DRIVE
P.O. BOX 1607
WAUKESHA, WI 53187-1607
PHONE: (262) 953-4289
CELL: (920) 912-1036
rmerry@sewrpc.org

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

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

STANDARD ABBREVIATIONS

<	ANGLE
ADT	AVERAGE DAILY TRAFFIC
AC	ACRE
AE, AEW	APRON ENDWALL
AGG	AGGREGATE
AH	AHEAD
ASPH	ASPHALTIC
BC	BACK OF CURB
BF	BACK FACE
BIT	EXISTING BITUMINOUS
BM	BENCH MARK
BEG	BEGIN
BK	BACK
C & G	CURB AND GUTTER
CABC	CRUSHED AGGREGATE BASE COURSE
CB	CATCH BASIN
CMCP	CORRUGATED METAL CULVERT PIPE
CMP	CORRUGATED METAL PIPE
CP	CULVERT PIPE
CY	CUBIC YARD
CL OR C/L	CENTER LINE
CO	COUNTY
CONC	CONCRETE
CONST	CONSTRUCTION
CR	CREEK
CTH	COUNTY TRUNK HIGHWAY
CWT	HUNDRED WEIGHT
D	DEGREE OF CURVE
△	DELTA
DHV	DESIGN HOUR VOLUME
DIA	DIAMETER
DISCH	DISCHARGE
E	EAST
EA	EACH
EB	EASTBOUND
EBS	EXCAVATION BELOW SUBGRADE
EL, ELEV	ELEVATION
ELEC	ELECTRIC(AL), ELEC CABLE
EMB	EMBANKMENT
ESALS	EQUIVALENT SINGLE AXLE LOADS
ESMT	EASEMENT
EW	ENDWALL
EXC	EXCAVATION
EXIST	EXISTING BITUMINOUS
EXP	EXPANSION
FC	FACE OF CURB
FE	FIELD ENTRANCE
FF	FACE TO FACE
F/L, FL	FLOW LINE
FERT	FERTILIZER
FHWA	FEDERAL HIGHWAY
FT	FOOT (FEET)
G	GAS
GN	GRID NORTH
H	HOUSE
HMA	HOT MIX ASPHALT
HORZ	HORIZONTAL
HP	HIGH POINT
HR	HANDICAP RAMP
HYD	HYDRANT
I	INTERSECTION ANGLE
ID	INSIDE DIAMETER
INL	INLET
INTER	INTERSECTION
INV	INVERT
IP	IRON PIPE
JT	JOINT
K	RATE OF VERTICAL CURVATURE
L	LENGTH OF CURVE
LB	POUND
LC	LONG CHORD OF CURVE
LP	LOW POINT
LF	LINEAR FOOT(FEET)
LHF	LEFT HAND FORWARD
LS	LUMP SUM
LT	LEFT
M	MARSH
MATL	MATERIAL
MP	MARKER POST
MAX	MAXIMUM
MGAL	1000 GALLONS
MH	MANHOLE
MIN	MINIMUM
ML OR M/L	MATCH LINE
N	NORTH
NB	NORTHBOUND
NC	NORMAL CROWN OR NO CHANGE
NO	NUMBER
NW OR N/W	NORMAL WATER
OBLIT	OBLITERATE
OD	OUTSIDE DIAMETER
PAVT	PAVEMENT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PGL	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PLE	PERMANENT LIMITED EASEMENT
PRC	POINT OF REVERSE CURVE
PROJ	PROJECT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PAV'T	PAVEMENT
PCC	PORTLAND CEMENT CONCRETE
R	RADIUS OR RANGE
RC	REVERSE CURVE
RCCP	REINFORCED CONCRETE CULVERT PIPE
RCHECP	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CULVERT PIPE
RCPSS	REINFORCED CONCRETE PIPE STORM SEWER
RHF	RIGHT HAND FORWARD
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RD	ROAD
RDWY	ROADWAY
REL	RELOCATE
REM	REMAINING
REQD	REQUIRED
RO	RUN OFF LENGTH
RT	RIGHT
RW	RETAINING WALL
S	SOUTH
SALV	SALVAGED
SAN	SANITARY
SB	SOUTHBOUND
SDD	STANDARD DETAIL DRAWINGS
SE	SUPERELEVATION
SEC	SECTION
SF	SQUARE FOOT (FEET)
S/L	SURVEY LINE
SHLDR	SHOULDER(S)
SHR	SHRINKAGE
SPECS	SPECIFICATIONS
SS	STORM SEWER
STA	STATION
STH	STATE TRUNK HIGHWAY
STR	STRUCTURE
SW	SIDEWALK
SY	SQUARE YARD
TAN	TANGENT
TEL	TELEPHONE
T	(TRUCKS) PERCENT OF
TC	TOP OF CURB
TAN	TANGENT
TEMP	TEMPORARY
TL OR T/L	TRANSIT LINE
TLE	TEMPORARY LIMITED EASEMENT
TYP	TYPICAL
UG	UNDERGROUND (CABLE)
UNCL	UNCLASSIFIED
VAR	VARIABLE
VCL	VERTICAL CURVE LENGTH
VPC	VERTICAL POINT OF CURVATURE
VPCC	VERTICAL POINT OF COMPOUND CURVE
VPI	VERTICAL POINT OF INTERSECTION
VPRC	VERTICAL POINT OF REVERSE CURVE
VPT	VERTICAL POINT OF TANGENCY
VLV	VALVE
VOL	VOLUME
W	WEST
WB	WESTBOUND
WV	WATER VALVE
X	EASTING OR EAST GRID COORDINATE
Y	NORTHING OR NORTH GRID COORDINATE
YD	YARD

2

2

BEGIN CONSTRUCTION
STA 54BRE+36.47

C-51-85 (BOX CULVERT WILL BE CONSTRUCTED PRIOR TO LET AS SEPARATE PROJECT)

DETENTION POND J

BRAUN RD

N

APPROXIMATE LIMITS OF EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL. SEE SPECIAL PROVISIONS.

PROJECT 2704-00-77
BY OTHERS

CTH KR

SLOPE INTERCEPT (TYP)

BEGIN PROJECT 2704-00-76
STA 501+54.47

WETLAND BOUNDARY (TYP)

WISCONN VALLEY WAY

SLOPE INTERCEPT (TYP)

R/L WISCONN VALLEY WAY

UNNAMED TRIBUTARY NO. 18 TO KILBOURN ROAD DITCH

PROJECT 2704-09-70
BY OTHERS

END CONSTRUCTION
STA 71BRE+75.05

DETENTION POND I

KILBOURN ROAD DITCH

DETENTION POND K

SLOPE INTERCEPT (TYP)

R/L WISCONN VALLEY WAY

APPROXIMATE LIMITS OF EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL. SEE SPECIAL PROVISIONS.

PROJECT 1320-23-70
BY OTHERS

STH 11

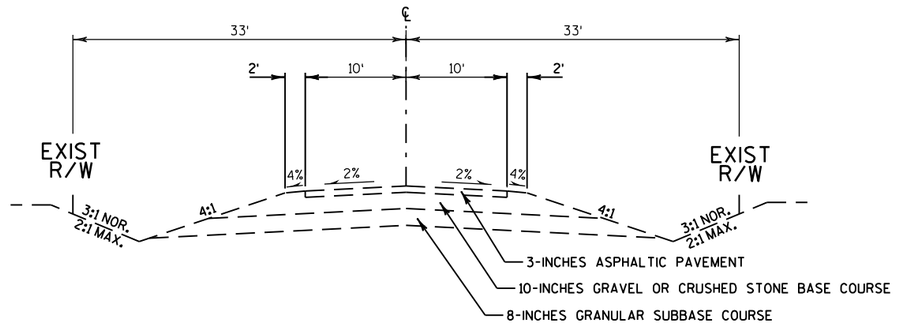
UNNAMED TRIBUTARY TO KILBOURN ROAD DITCH

WISCONN VALLEY WAY

END PROJECT 2704-00-76
STA 605+29.12

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PROJECT OVERVIEW	SHEET	E

2

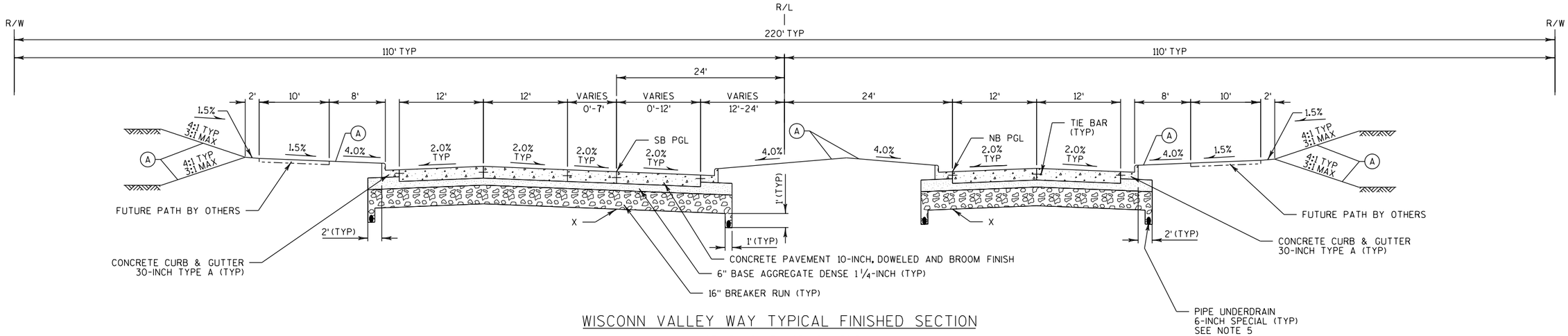


TYPICAL EXISTING SECTION

BRAUN ROAD

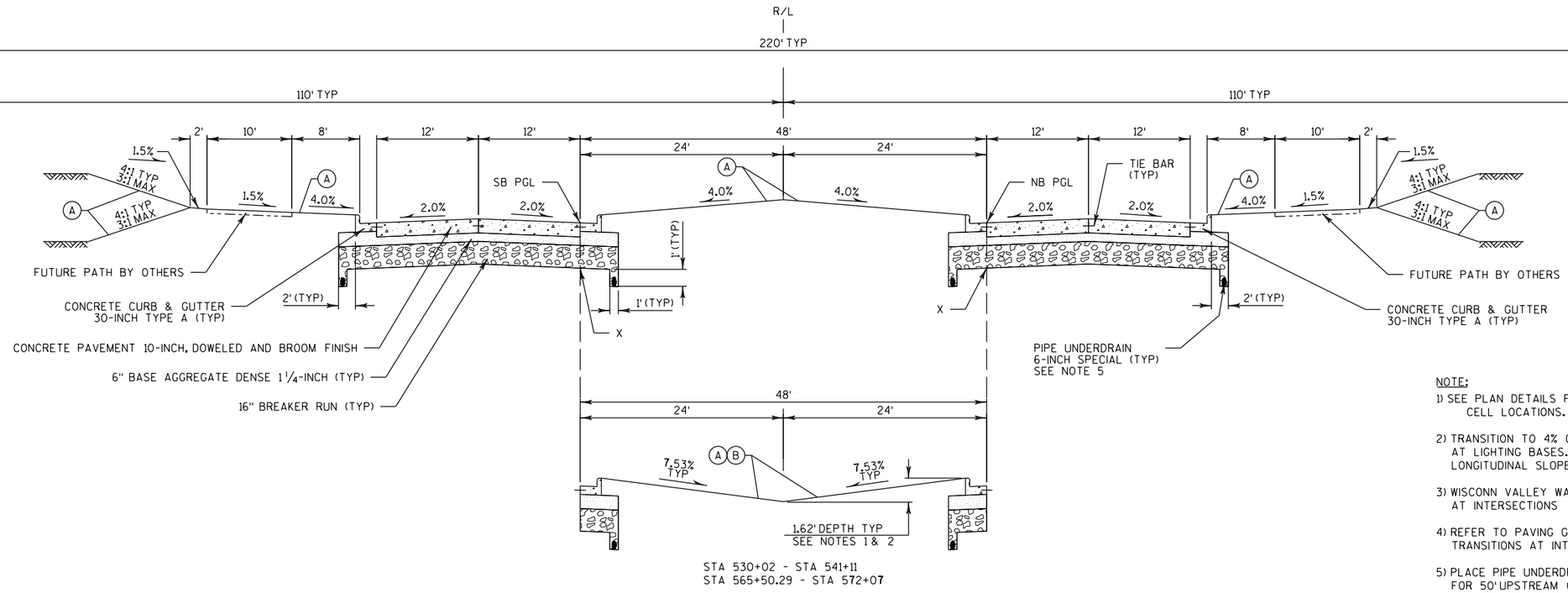
STA A 54BRE+36 - STA A 71BRE+75

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	TYPICAL EXISTING SECTIONS - BRAUN ROAD	SHEET	E



WISCONN VALLEY WAY TYPICAL FINISHED SECTION

STA 501+54.47 - STA 504+39.54



STA 530+02 - STA 541+11
STA 565+50.29 - STA 572+07

WISCONN VALLEY WAY TYPICAL FINISHED SECTION

STA 504+39.54 - STA 547+78.27
STA 565+50.29 - STA 602+36.58

NOTE:

1) SEE PLAN DETAILS FOR BIORETENTION CELL LOCATIONS.

2) TRANSITION TO 4% CROWNED MEDIAN AT LIGHTING BASES. MAXIMUM 6:1 LONGITUDINAL SLOPE.

3) WISCONN VALLEY WAY CROSS SLOPE VARIES AT INTERSECTIONS

4) REFER TO PAVING GRADES FOR CROSS SLOPE TRANSITIONS AT INTERSECTIONS.

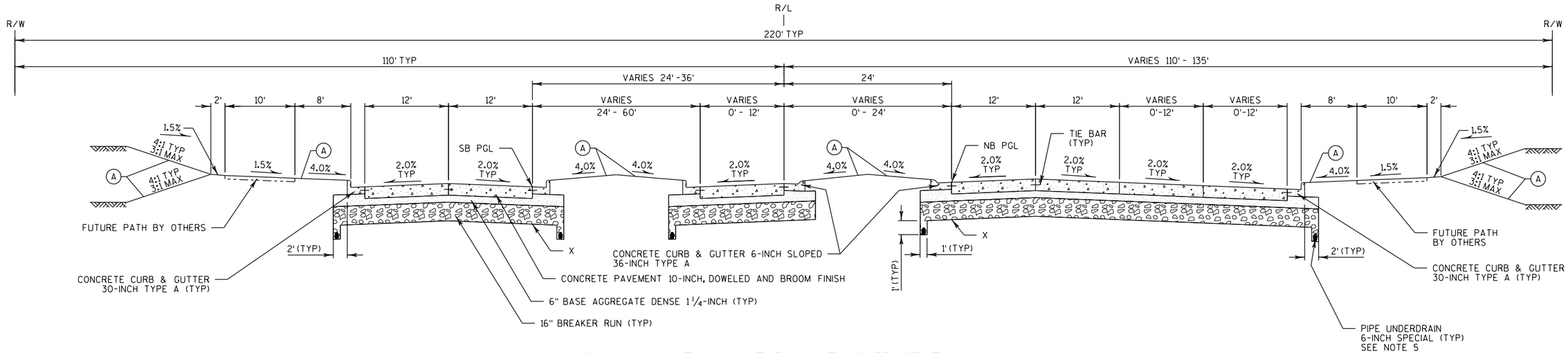
5) PLACE PIPE UNDERDRAIN 6-INCH SPECIAL FOR 50' UPSTREAM OF INLETS. SEE CONSTRUCTION DETAILS.

(A) TOPSOIL SPECIAL, FERTILIZER, SEED, AND EROSION MAT

(B) REFER TO BIORETENTION CELL DETAILS AND PLAN DETAILS FOR LOCATIONS AND ADDITIONAL INFORMATION ON MEDIAN BIORETENTION CELLS.

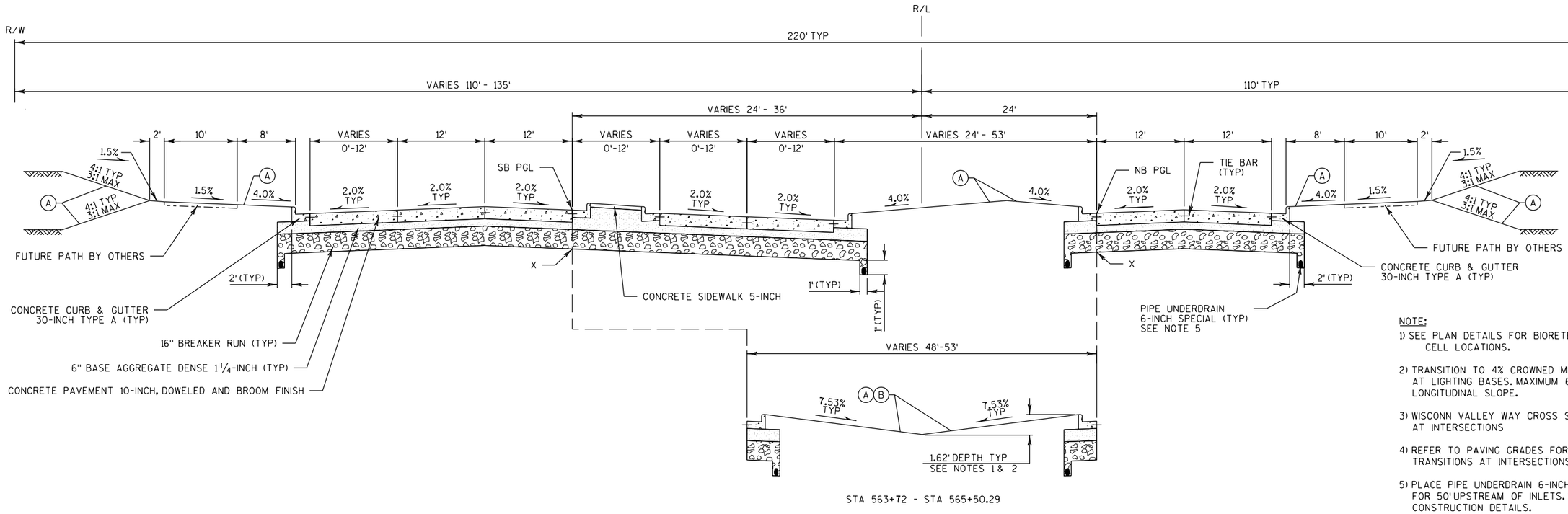
X = POINT REFERENCED ON CROSS SECTIONS
PGL = POINT REFERRED TO ON PROFILE

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	TYPICAL SECTIONS	SHEET	E



WISCONN VALLEY WAY TYPICAL FINISHED SECTION

STA 547+78.27 - STA 556+04.12



WISCONN VALLEY WAY TYPICAL FINISHED SECTION

STA 563+72 - STA 565+50.29

STA 557+24.12 - STA 565+50.29

NOTE:

1) SEE PLAN DETAILS FOR BIORETENTION CELL LOCATIONS.

2) TRANSITION TO 4% CROWNED MEDIAN AT LIGHTING BASES. MAXIMUM 6:1 LONGITUDINAL SLOPE.

3) WISCONN VALLEY WAY CROSS SLOPE VARIES AT INTERSECTIONS

4) REFER TO PAVING GRADES FOR CROSS SLOPE TRANSITIONS AT INTERSECTIONS.

5) PLACE PIPE UNDERDRAIN 6-INCH SPECIAL FOR 50' UPSTREAM OF INLETS. SEE CONSTRUCTION DETAILS.

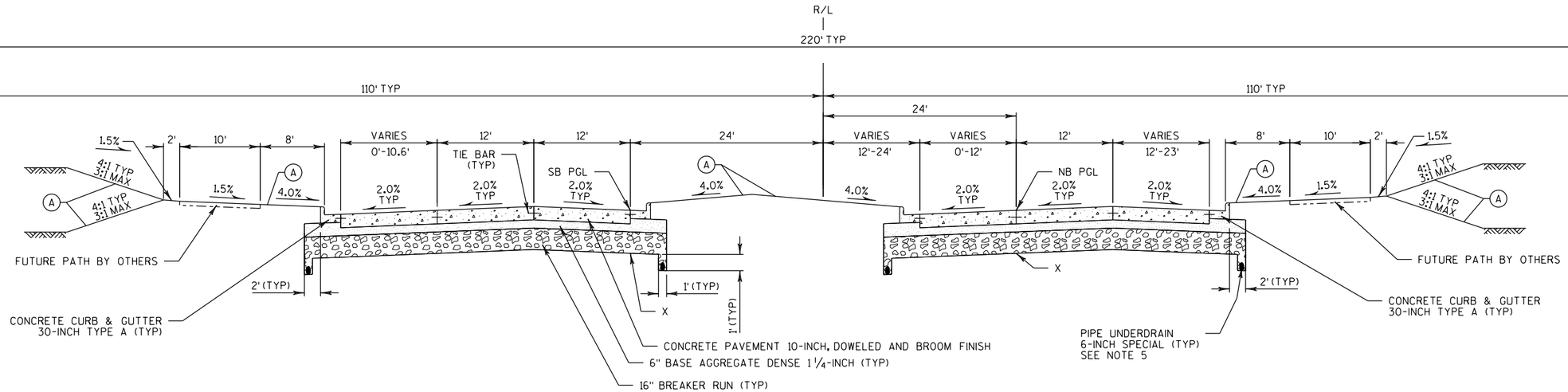
(A) TOPSOIL SPECIAL, FERTILIZER, SEED, AND EROSION MAT

(B) REFER TO BIORETENTION CELL DETAILS AND PLAN DETAILS FOR LOCATIONS AND ADDITIONAL INFORMATION ON MEDIAN BIORETENTION CELLS.

X = POINT REFERENCED ON CROSS SECTIONS
PGL = POINT REFERRED TO ON PROFILE

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	TYPICAL SECTIONS	SHEET	E

2



WISCONN VALLEY WAY TYPICAL FINISHED SECTION

STA 602+36.58 - STA 605+29.12

NOTE:

1) SEE PLAN DETAILS FOR BIORETENTION CELL LOCATIONS.

2) TRANSITION TO 4% CROWNED MEDIAN AT LIGHTING BASES. MAXIMUM 6:1 LONGITUDINAL SLOPE.

3) WISCONN VALLEY WAY CROSS SLOPE VARIES AT INTERSECTIONS

4) REFER TO PAVING GRADES FOR CROSS SLOPE TRANSITIONS AT INTERSECTIONS.

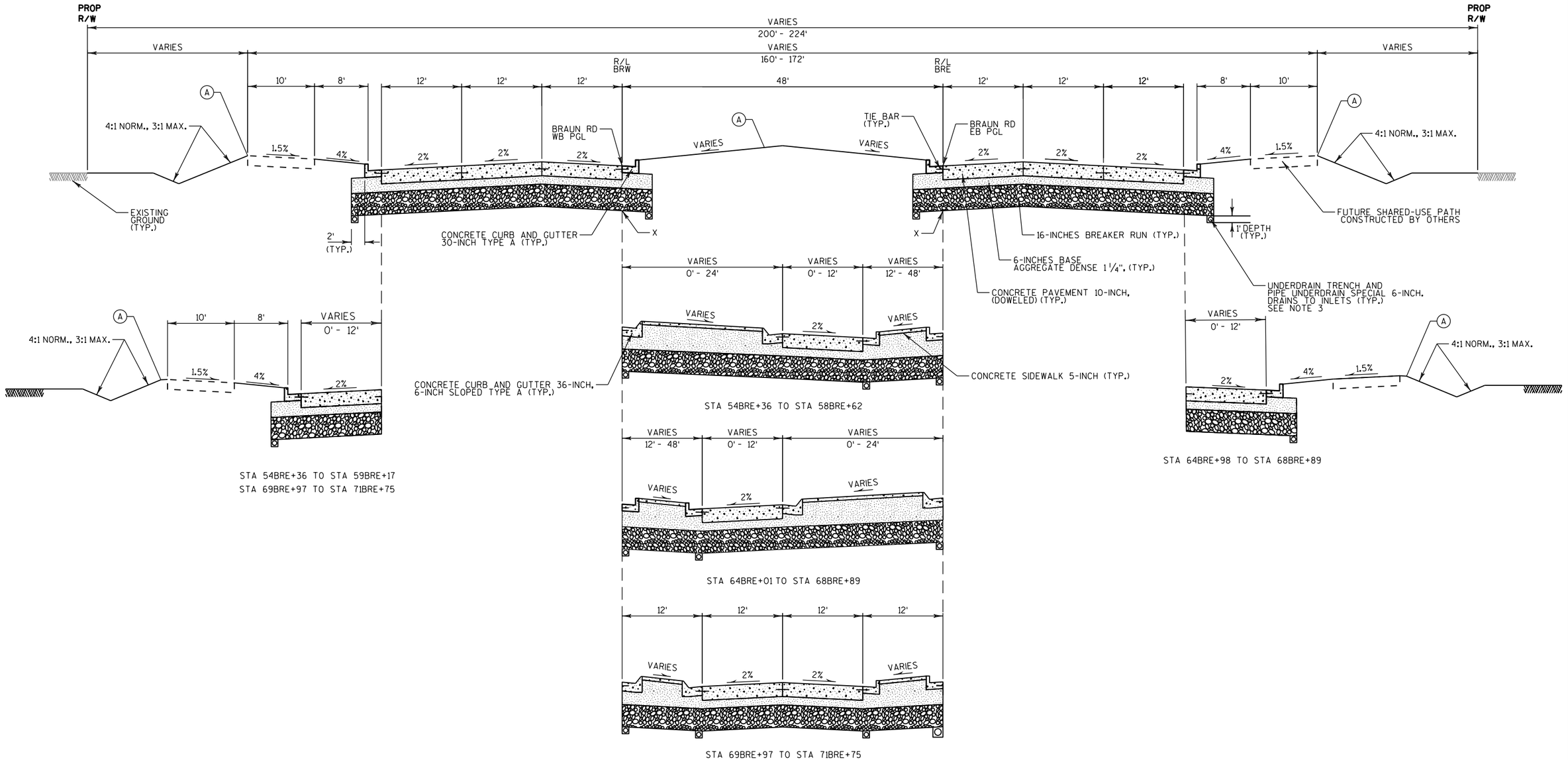
5) PLACE PIPE UNDERDRAIN 6-INCH SPECIAL FOR 50' UPSTREAM OF INLETS. SEE CONSTRUCTION DETAILS.

(A) TOPSOIL SPECIAL, FERTILIZER, SEED, AND EROSION MAT

(B) REFER TO BIORETENTION CELL DETAILS AND PLAN DETAILS FOR LOCATIONS AND ADDITIONAL INFORMATION ON MEDIAN BIORETENTION CELLS.

X = POINT REFERENCED ON CROSS SECTIONS
PGL = POINT REFERRED TO ON PROFILE

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	TYPICAL SECTIONS	SHEET	E



BRAUN ROAD TYPICAL FINISHED SECTION

STA 54BRE+36 - STA 71BRE+75

LEGEND

(A) TOPSOIL SPECIAL, FERTILIZER, SEED, AND EROSION MAT

X = POINT REFERRED TO ON CROSS SECTION

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION

NOTE:

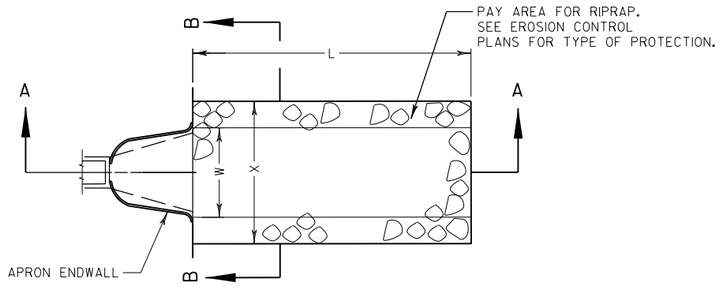
1. BRAUN ROAD CROSS SLOPE VARIES TO 1% AT WISCONN VALLEY WAY INTERSECTION.
2. REFER TO PAVING GRADES FOR CROSS SLOPE TRANSITIONS AT INTERSECTION.
3. PLACE PIPE UNDERDRAIN 6-INCH SPECIAL FOR 50' UPSTREAM OF INLETS SEE CONSTRUCTIN DETAILS

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	TYPICAL FINISHED SECTIONS - BRAUN ROAD	SHEET	E

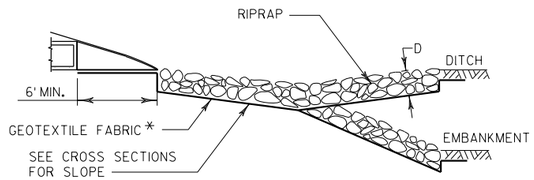
RUNOFF COEFFICIENT TABLE

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

TOTAL PROJECT AREA = 56.63 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 56.63 ACRES



PLAN VIEW



SECTION A-A

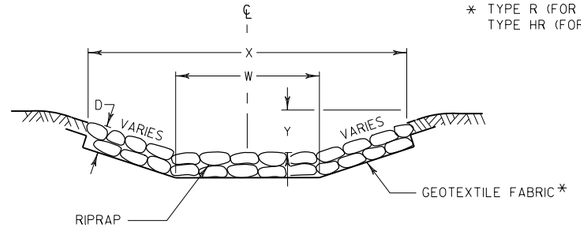
L = 3 x W (NOR) OR 10' MIN
OR AS INDICATED IN THE PLANS
OR AS DIRECTED BY THE ENGINEER

D = 12" FOR RIPRAP LIGHT
18" FOR RIPRAP MEDIUM
24" FOR RIPRAP HEAVY

X = W+2' FOR TYPICAL CULVERT
DISCHARGE INTO DITCH
W+5' FOR CULVERT DISCHARGE
DOWN EMBANKMENT SLOPE

Y = 0' FOR TYPICAL CULVERT
DISCHARGE INTO DITCH
12" FOR CULVERT DISCHARGE
DOWN EMBANKMENT SLOPE

* TYPE R (FOR RIPRAP LIGHT ONLY)
TYPE HR (FOR RIPRAP HEAVY AND MEDIUM ONLY)

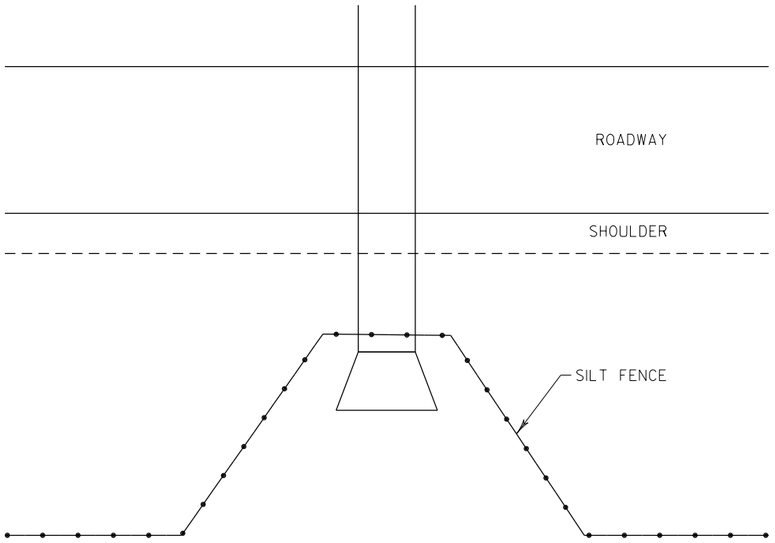


SECTION B-B

RIPRAP AND GEOTEXTILE FABRIC DETAIL AT APRON ENDWALLS

SEE EROSION CONTROL PLAN FOR LOCATIONS

2

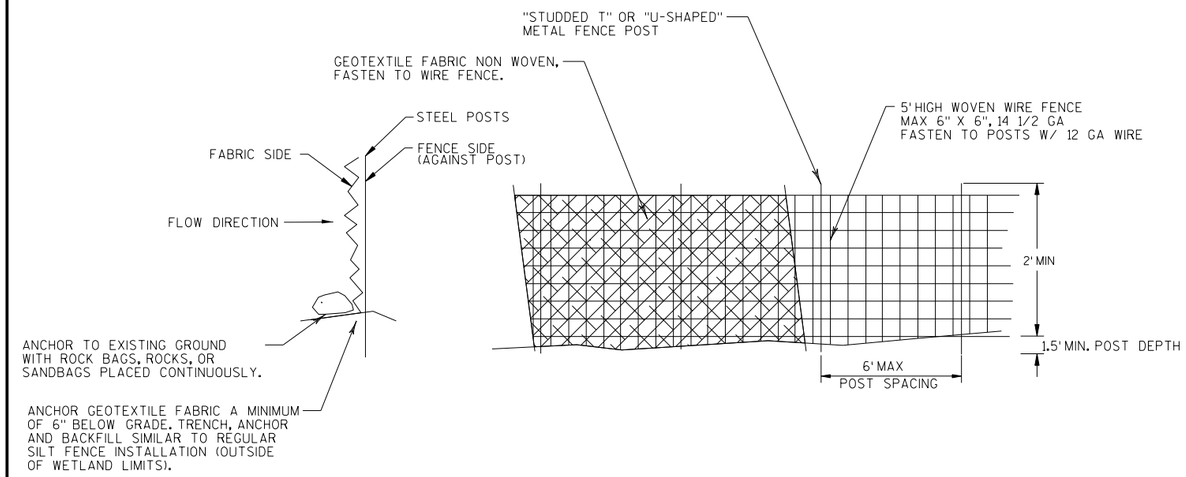


NOTE

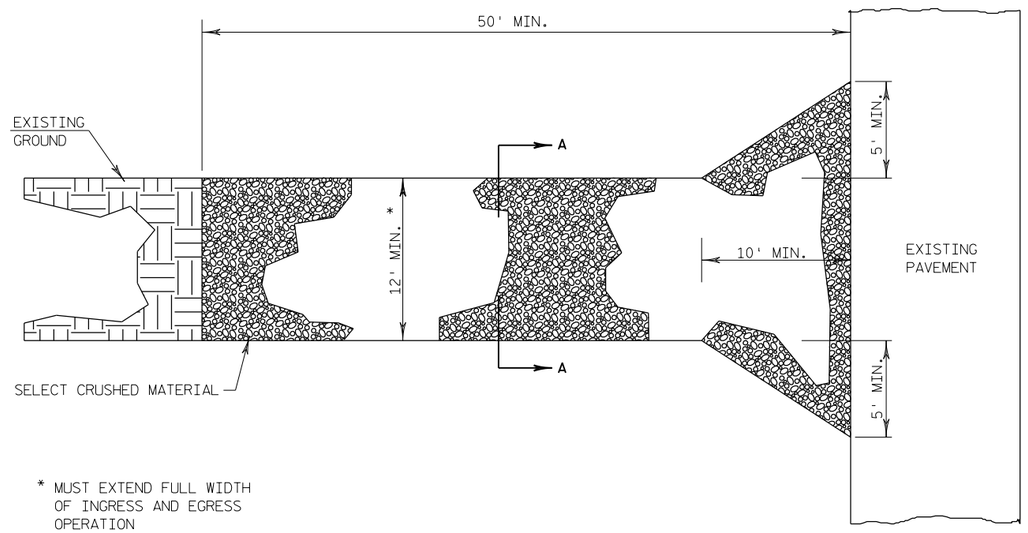
SEE SILT FENCE SDD FOR ADDITIONAL INFORMATION.

TYPICAL SILT FENCE DETAIL AT PIPE INLET

NOTE: ANCHOR MATERIAL INCIDENTAL TO HEAVY DUTY SILT FENCE ITEM

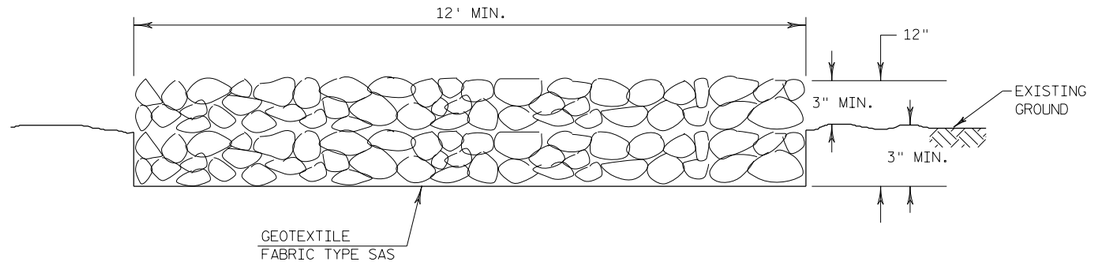


HEAVY DUTY SILT FENCE



* MUST EXTEND FULL WIDTH OF INGRESS AND EGRESS OPERATION

PLAN VIEW



SECTION A-A

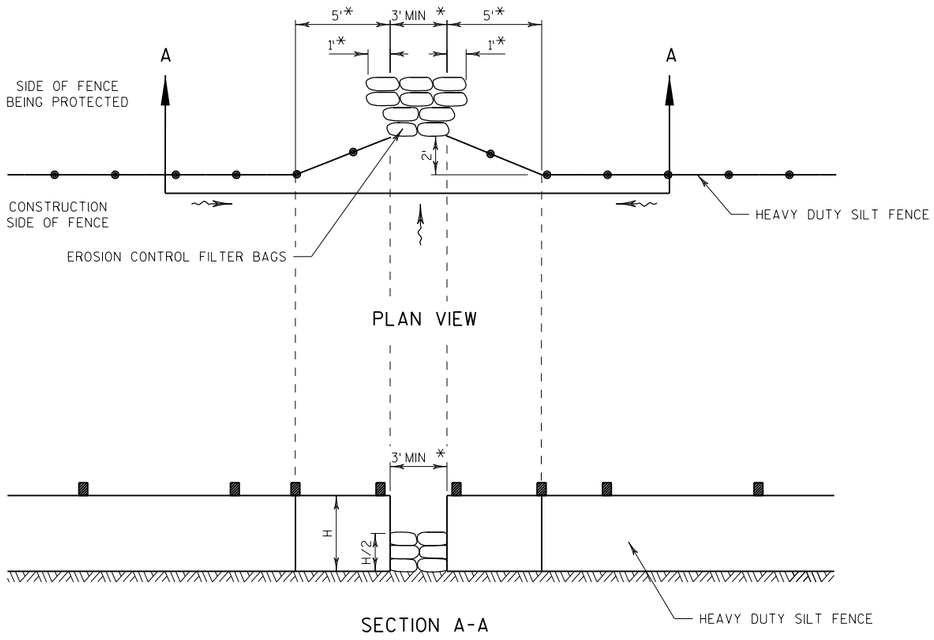
NOTE:

1) TRACKING PADS SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

TRACKING PADS

FOR CONSTRUCTION EGRESS POINTS

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CONSTRUCTION DETAILS	SHEET	E



SECTION A-A

* DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

SILT FENCE DRAINAGE OUTLET, EROSION CONTROL FILTER BAGS

(FOR USE IN ENVIRONMENTALLY SENSITIVE AREAS)

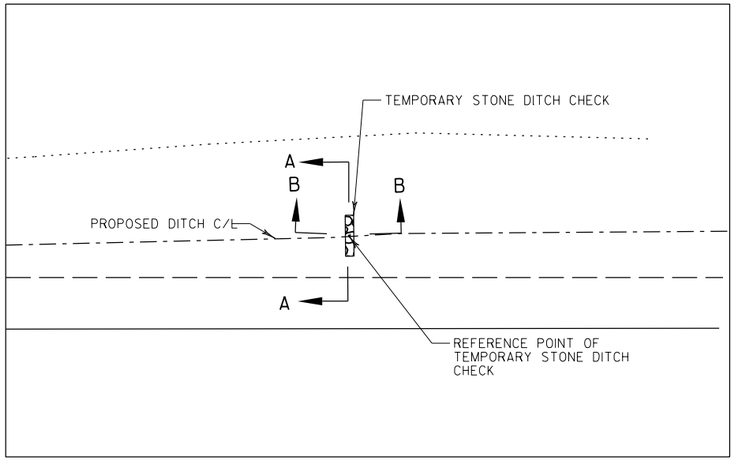
GENERAL NOTES

STONE DITCH CHECKS MUST BE INSTALLED WITH THE CENTER LOWER THAN THE SIDES FORMING A WEIR (SEE SECTION A-A).

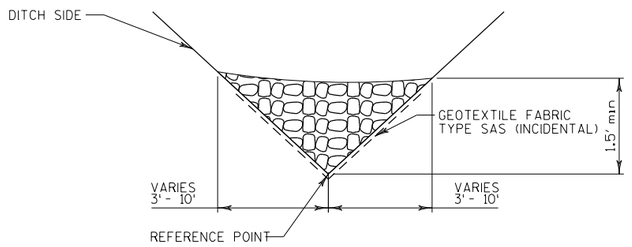
STONE DITCH CHECKS SHALL HAVE A MINIMUM TOP WIDTH OF 2-FT MEASURED IN THE DIRECTION OF FLOW WITH MAXIMUM SLOPES OF 2:1 ON THE UPSLOPE AND 2:1 ON THE DOWN SLOPE SIDE.

STONE DITCH CHECKS SHALL BE CONSTRUCTED OF A WELL-GRADED LIGHT RIPRAP MATERIAL.

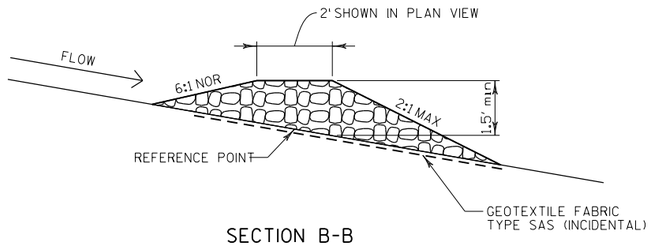
STONE DITCH CHECKS IDENTIFIED IN STORM SEWER PLAN ARE PERMANENT AND SHALL NOT BE REMOVED UPON COMPLETION OF CONSTRUCTION.



PLAN VIEW

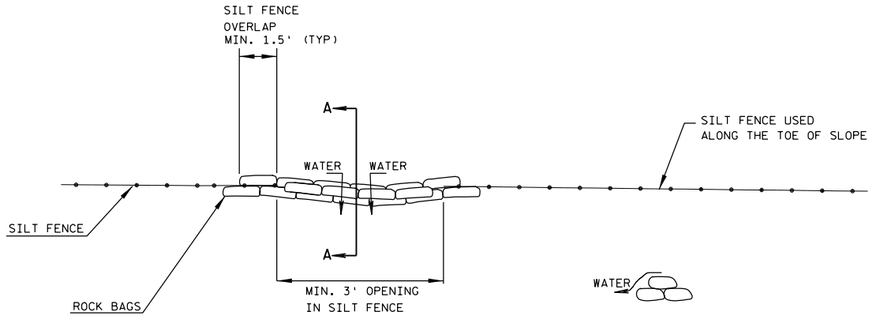


SECTION A-A



SECTION B-B

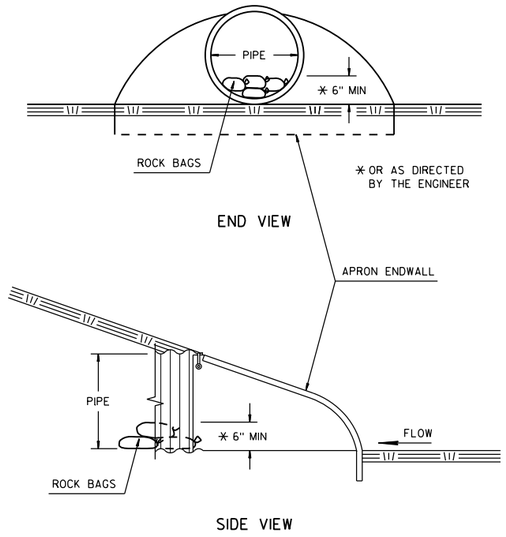
TEMPORARY STONE DITCH CHECKS



TOP VIEW

SECTION A-A

ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL

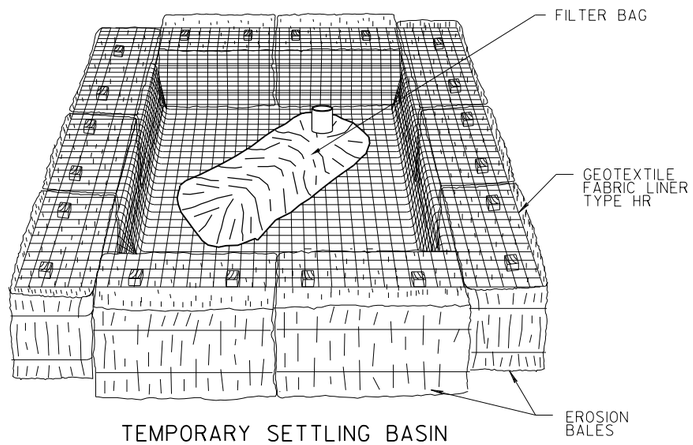


SIDE VIEW

CULVERT PIPE CHECKS

ESTIMATED BAG SIZE = 18" X 12" X 6"	
PIPE SIZE	ESTIMATED NUMBER OF BAGS
12"	1
15"	2
18"	2
24"	3
30"	5
36"	7
42"	7
48"	10
54"	10
60"	13
66"	14
72"	16
13"X17"	2
19"X30"	5
24"X38"	7
29"X45"	10
34"X53"	10
38"X60"	13
48"X76"	18

ROCK BAGS



TEMPORARY SETTLING BASIN

ALL MATERIALS REQUIRED FOR TEMPORARY SETTLING BASIN ARE INCIDENTAL TO CONTRACT

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

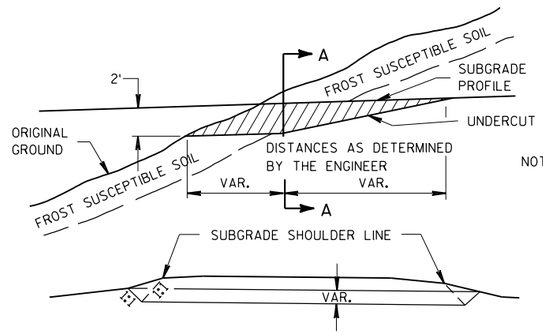
STORAGE VOLUME (C.F.) = 16 X GPM (PUMP RATE)

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

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

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

USE A 20 FT. X 27 FT. BASIN



SECTION A-A

CROSS SECTION SHOWING UNDERCUT

NOTE: EXACT LOCATIONS AND EXTENT OF E.B.S. SECTIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

E.B.S. AREA TO BE BACKFILLED WITH ITEM "EBS BACKFILL"

BACKFILL MUST BE HOMOGENEOUS WITH ADJOINING FILL MATERIAL.

THE FILL SECTION WITHIN 100' OF THE MOUTH OF THE CUT MUST BE KEPT 2' BELOW SUBGRADE UNTIL E.B.S. IS COMPLETED.

EXCAVATION BELOW SUBGRADE AT CUTS

2

ESTIMATED LOCATIONS FOR GREATER THAN 2 FEET
OF EXCAVATION TO SUITABLE SUBGRADE

BEGIN STA	END STA	ESTIMATED REMOVAL DEPTH (FEET)*
529+25	533+25	3
537+00	537+50	4
537+50	538+50	6
538+50	539+00	4

NOTES: * STATIONS OUTSIDE LISTED LIMITS SHOULD
EXCAVATE MINIMUM 2 FEET TO ESTIMATED SUITABLE SUBGRADE.

NOTES:

STRIP TOPSOIL FROM ROADWAY FOUNDATION. REPLACE WITH ROADWAY EMBANKMENT.

THE TOPSOIL THICKNESS MAY BE INCREASED TO 12" OR AS DIRECTED BY THE ENGINEER TO UTILIZE EXCESS TOPSOIL.
TOPSOIL PLACED THICKER THAN 6" WILL BE PAID FOR UNDER THE ROADWAY EMBANKMENT BID ITEM.

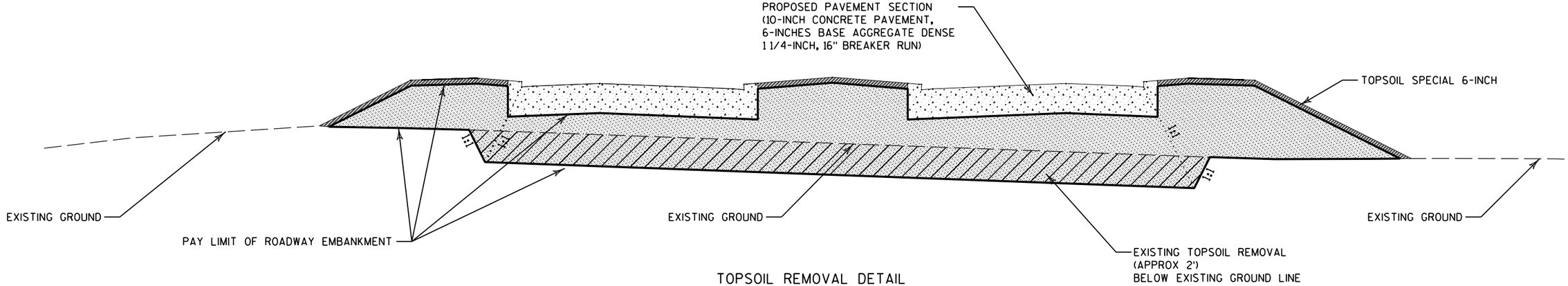
IN AREAS REQUIRING 2' OF FILL OR LESS, EBS EXCAVATION SPECIAL BELOW TOPSOIL LAYER AS DIRECTED BY THE ENGINEER, REPLACE WITH EBS BACKFILL SPECIAL.

EXISTING TOPSOIL DEPTH IS APPROXIMATELY 2 FEET, EXCEPT AS NOTED.

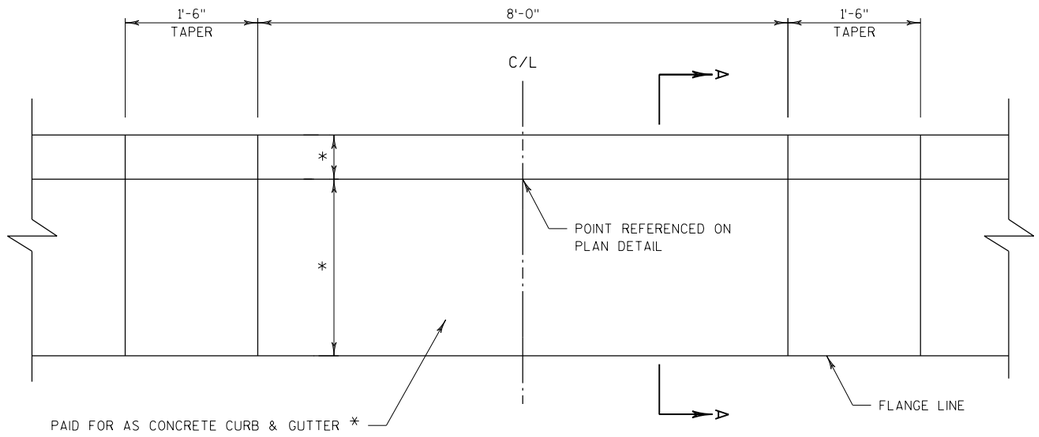
LEGEND

ROADWAY EMBANKMENT LIMITS

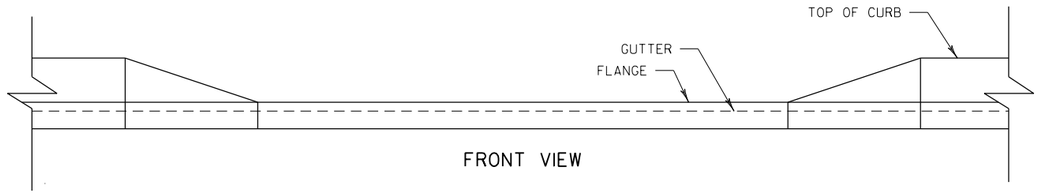
TOPSOIL REMOVAL



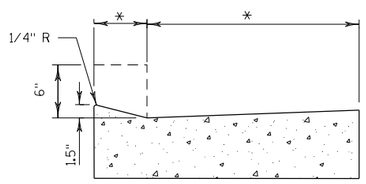
TOPSOIL REMOVAL DETAIL



PLAN VIEW



FRONT VIEW



SECTION A-A

* TYPE AND DIMENSIONS TO MATCH ADJACENT CURB AND GUTTER.

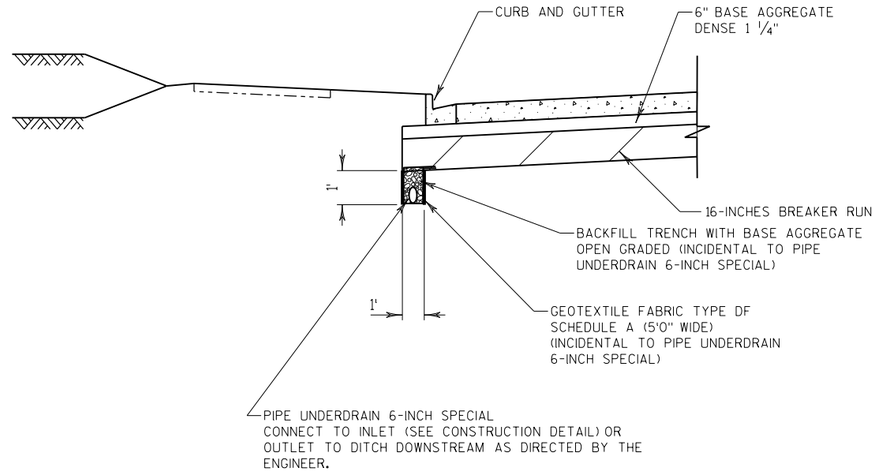
MAINTENANCE OPENING

LOCATIONS SHOWN ON PLAN DETAILS

NOTES

1) PIPE UNDERDRAIN UNPERFORATED REQUIRED AT LOCATIONS WHERE UNDERDRAIN IS REQUIRED TO CONNECT TO DITCHES OUTSIDE THE EBS AREA.

2) ADJUST LATERAL LOCATION OF PIPE UNDERDRAIN AS NECESSARY TO AVOID CONFLICTS WITH THE STORM SEWER.



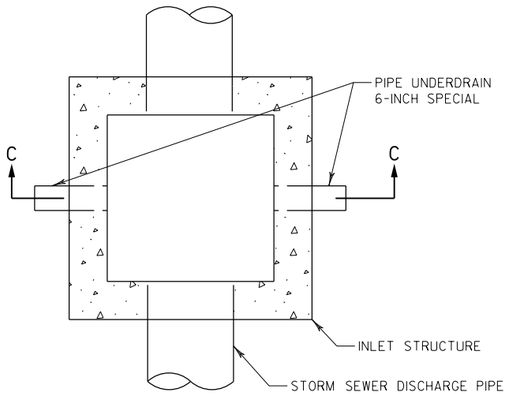
PIPE UNDERDRAIN

NOTES

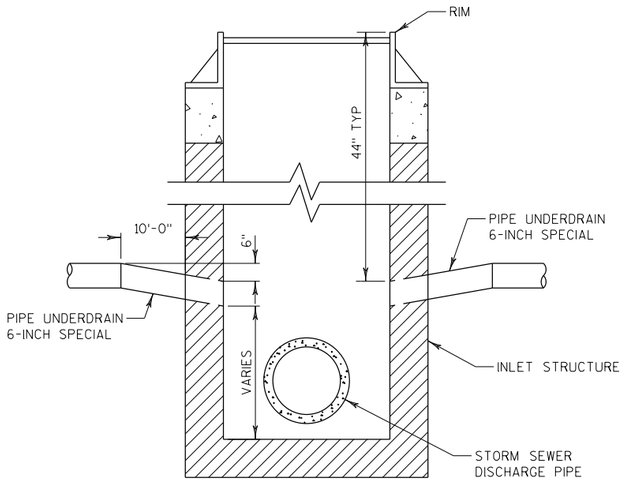
1) PROVIDE 6" DIA. OPENINGS FOR UNDERDRAIN PIPE A MINIMUM OF 44" BELOW THE RIM ELEVATION.

2) SEE TYPICAL SECTIONS FOR PIPE UNDERDRAIN LOCATIONS.

3) CONNECTION TO INLET OR MANHOLE IS INCIDENTAL TO THE PIPE UNDERDRAIN 6-INCH SPECIAL BID ITEM.



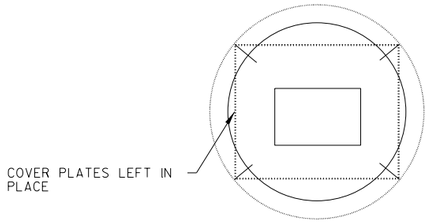
PLAN VIEW



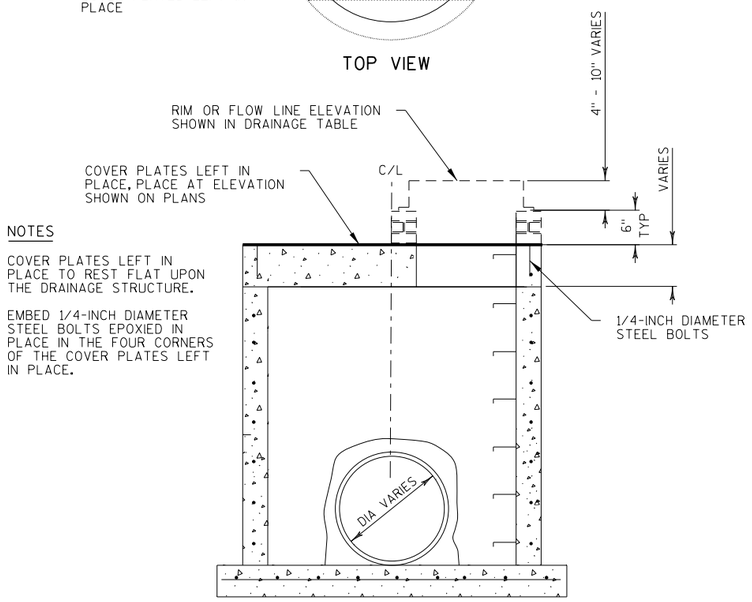
SECTION C-C

UNDERDRAIN OUTFALL AT INLET

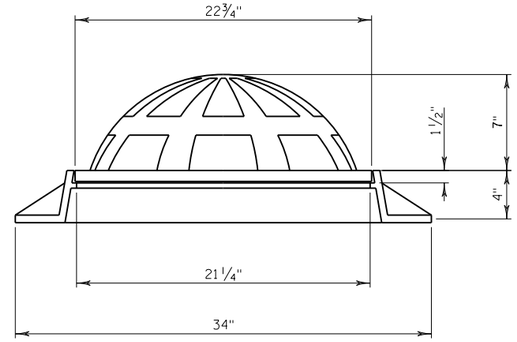
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CONSTRUCTION DETAILS	SHEET	E



TOP VIEW



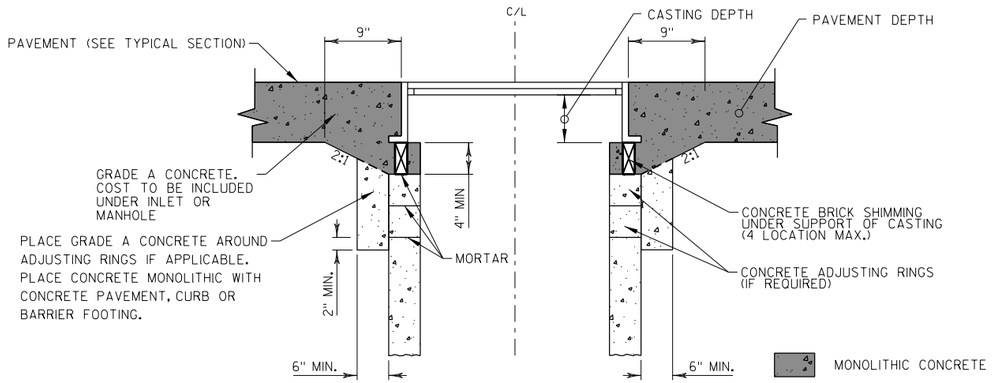
COVER PLATES LEFT IN PLACE



INLET COVERS BEEHIVE

NOTES

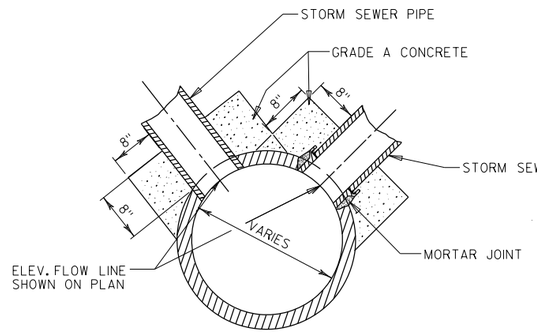
(1) PROVIDE MONOLITHIC CONCRETE SHIMMING FOR FINAL ADJUSTMENT OF DRAINAGE STRUCTURES LOCATED WITHIN THE CONCRETE CURB & GUTTER.



MONOLITHIC CONCRETE SHIMMING DETAIL

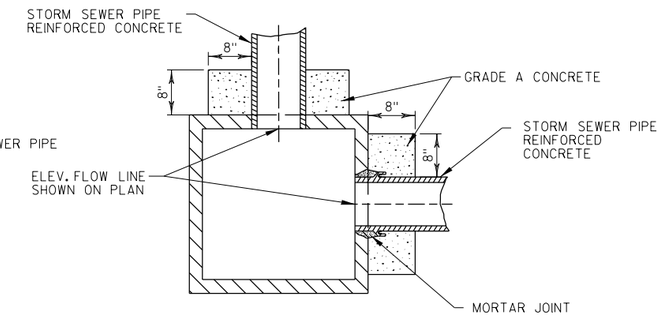
NOTE

CONCRETE COLLAR TO BE PAID AS A BID ITEM WHEN CONNECTING AN EXISTING PIPE TO A NEW STRUCTURE.



AT MANHOLE

INCIDENTAL TO NEW STRUCTURE AND NEW PIPE ITEMS



AT STORM SEWER INLET

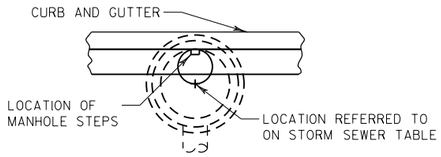
INCIDENTAL TO NEW STRUCTURE AND NEW PIPE ITEMS

CONCRETE COLLAR DETAIL

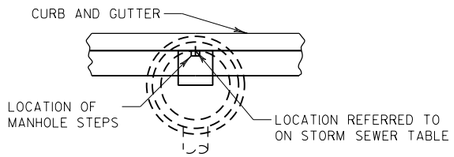
FOR LOCATIONS SEE MISCELLANEOUS QUANTITIES SHEETS

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CONSTRUCTION DETAILS	SHEET	E

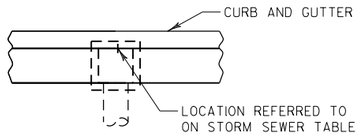
NOTE
1) LOCATION OF STRUCTURE MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
2) LOCATION AND SIZE OF STRUCTURE COVER OPENING DEPENDS ON TYPE OF CASTING. CASTING TYPES ARE SHOWN ON THE STORM SEWER TABLE.



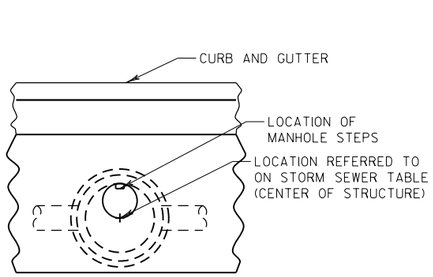
MANHOLE IN CURB AND GUTTER



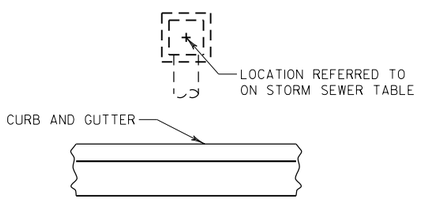
MANHOLE WITH INLET COVER IN CURB AND GUTTER



INLET IN CURB AND GUTTER

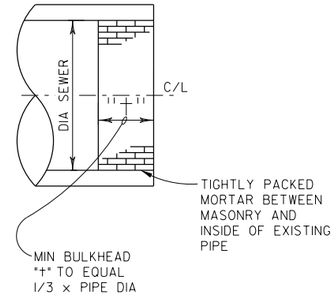


MANHOLE NOT IN CURB AND GUTTER



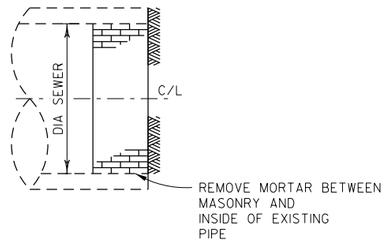
INLET NOT IN CURB AND GUTTER

STRUCTURE LOCATION DETAIL

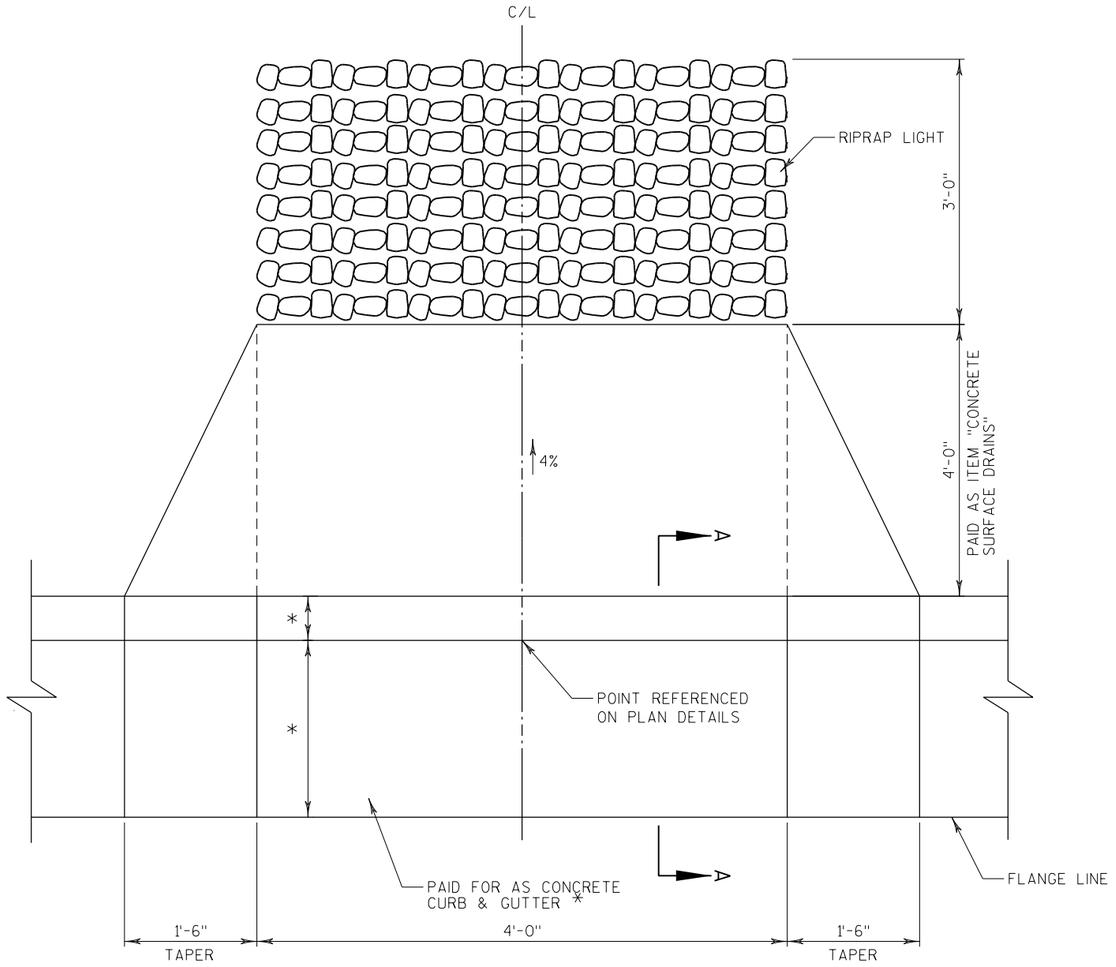


BULKHEAD PIPE MASONRY

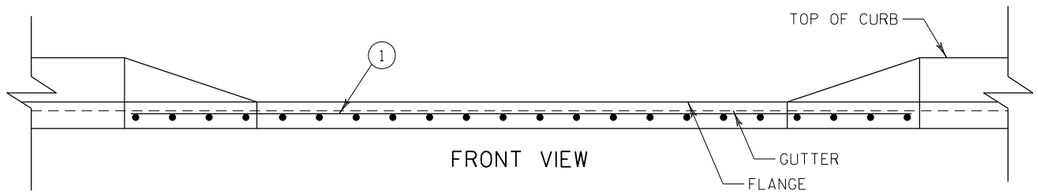
ITEM TO BE PAID FOR UNDER ITEM "SEALING PIPES"



REMOVING BULKHEAD

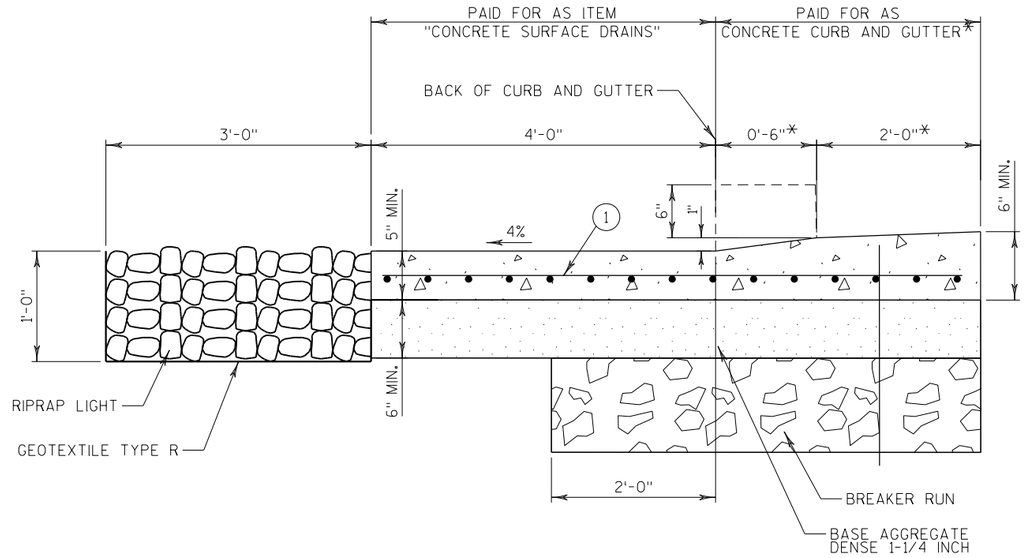


PLAN VIEW



FRONT VIEW

(1) MINIMUM REINFORCEMENT 4"X4" W3.0 X W3.0 WELDED STEEL WIRE FABRIC



END VIEW

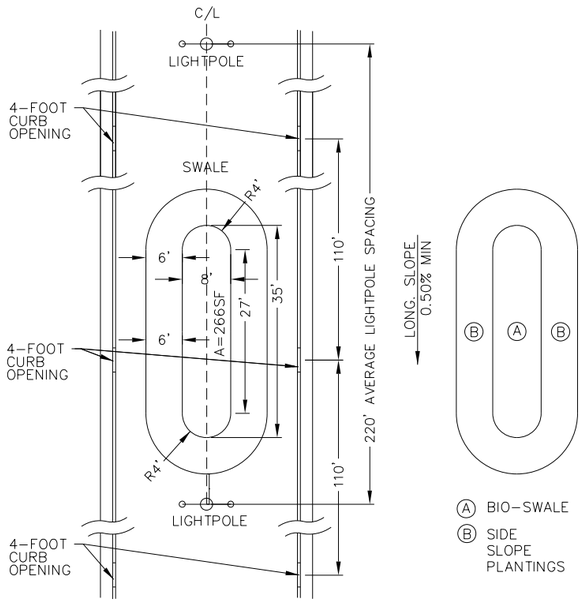
SECTION A-A

* TYPE AND DIMENSIONS TO MATCH ADJACENT CURB AND GUTTER.

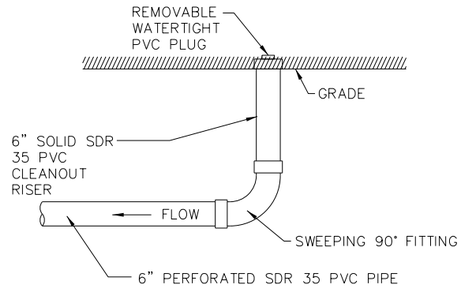
BIORETENTION CELL CURB OPENING

LOCATIONS SHOWN ON PAVING DETAILS
NOT TO SCALE

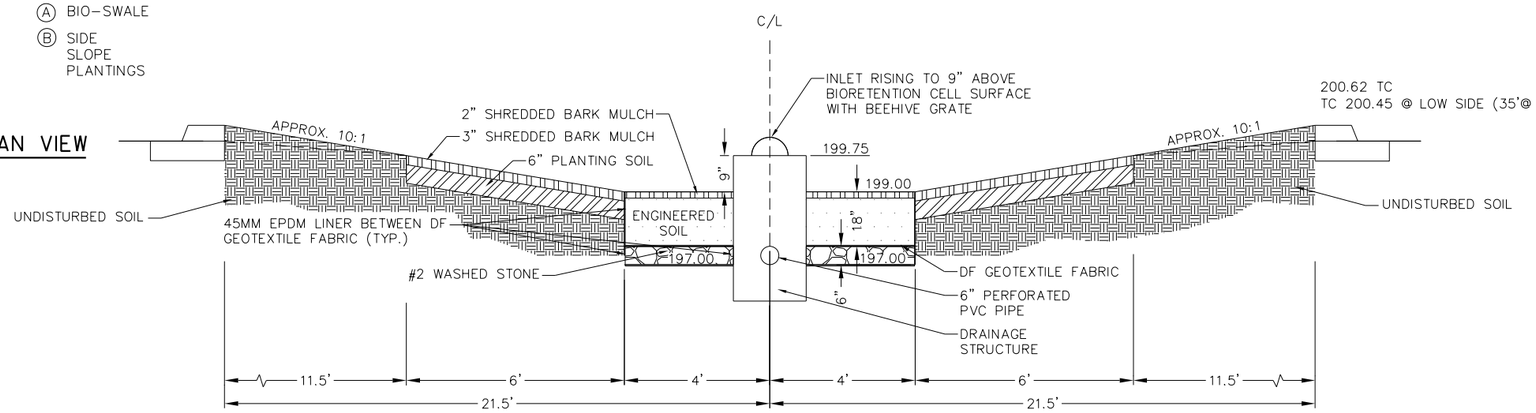
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CONSTRUCTION DETAILS	SHEET	E



BIORETENTION CELL DETAIL - PLAN VIEW

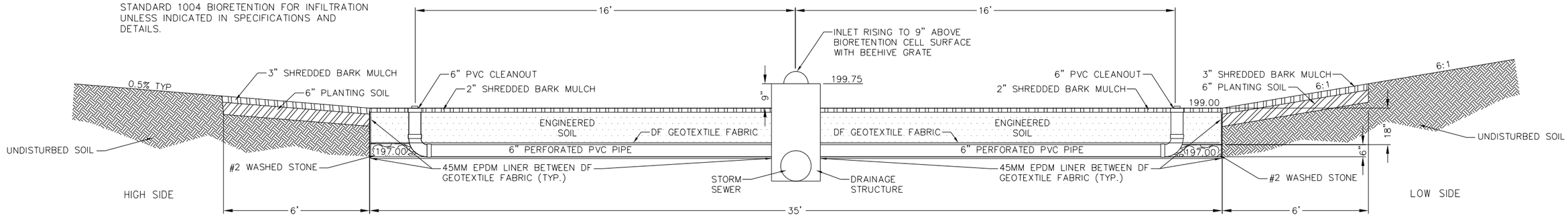


BIORETENTION CELL DETAIL - DRAINTILE CLEANOUT



BIORETENTION CELL DETAIL - TYPICAL WIDTH SECTION

NOTE: ELEVATIONS SHOWN ARE TO SHOW RELATIONSHIP OF ONE ELEVATION POINT TO ANOTHER. ACTUAL FIELD ELEVATIONS WILL VARY CONSTRUCT PER WISCONSIN DNR TECHNICAL STANDARD 1004 BIORETENTION FOR INFILTRATION UNLESS INDICATED IN SPECIFICATIONS AND DETAILS.



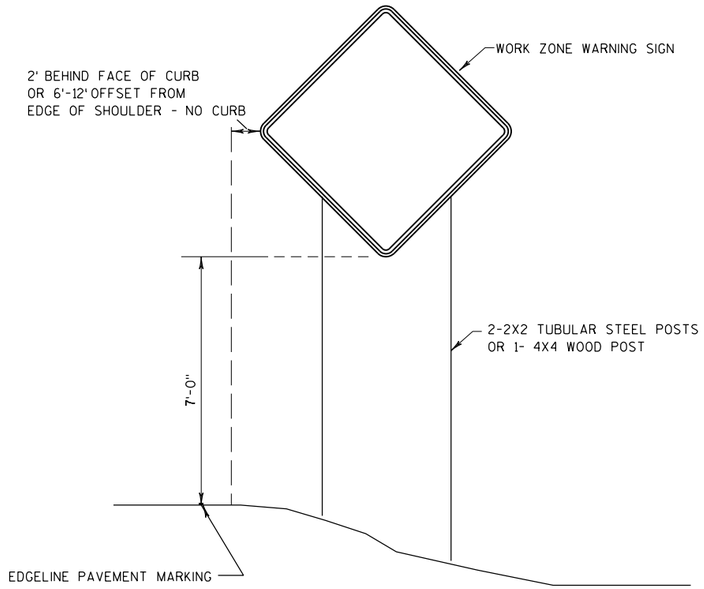
BIORETENTION CELL DETAIL - TYPICAL LONG SECTION

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CONSTRUCTION DETAILS	SHEET	E

2

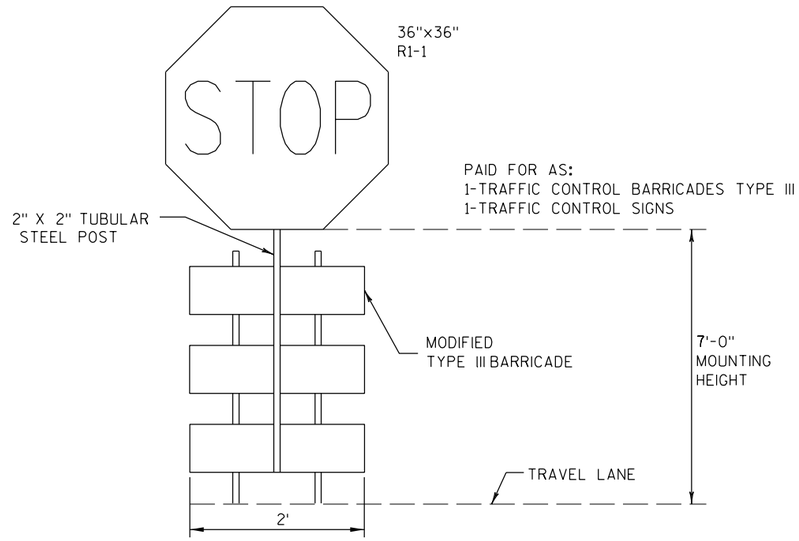
GENERAL NOTES FOR TRAFFIC CONTROL

1) TRAFFIC CONTROL DRUMS IN TAPERS, SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE "C", ONE WAY LIGHTS IN TAPERS ONLY, UNLESS OTHERWISE SHOWN.
2) SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
3) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
4) ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED IN THE PLANS.
5) BARRICADE STRIPES ARE TO BE SLOPED DOWNWARD IN THE DIRECTIOIN OF TRAFFIC FLOW.



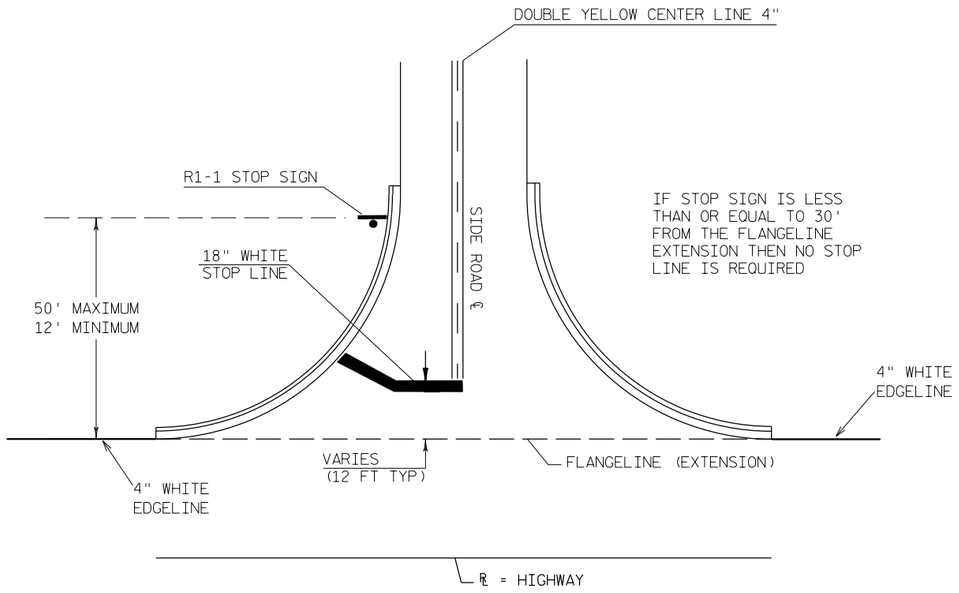
TYPICAL TEMPORARY TRAFFIC CONTROL DETAIL
MOUNTING ON FIXED SUPPORT

LONG TERM
7 DAYS OR MORE

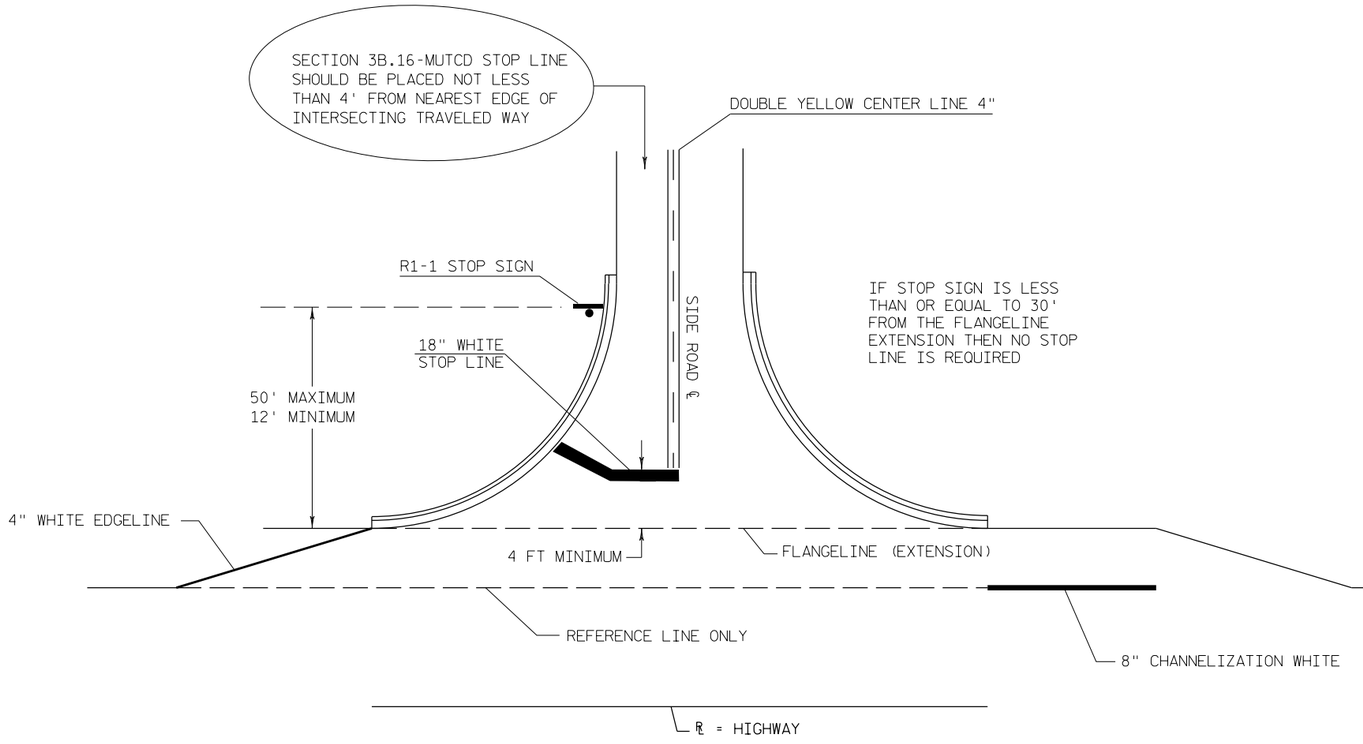


TEMPORARY STOP SIGN

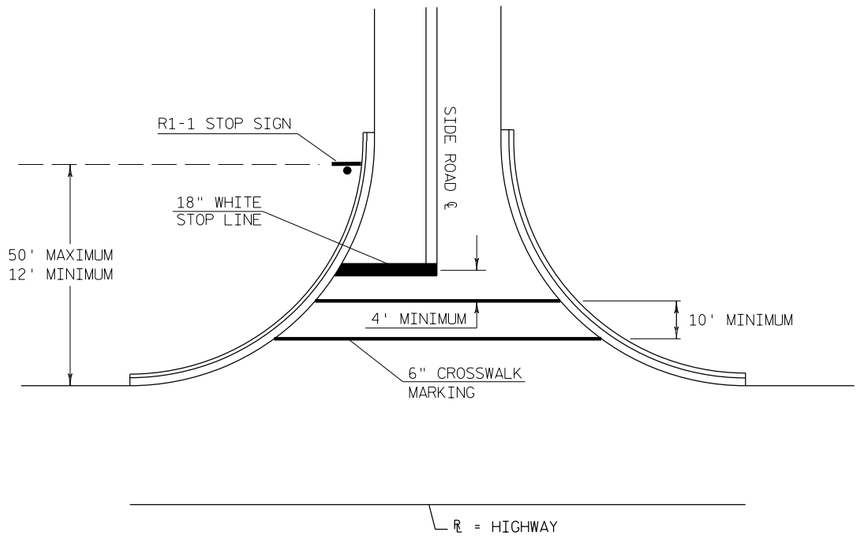
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CONSTRUCTION DETAILS	SHEET	E



TYPICAL PAVEMENT MARKING FOR SIDEROADS



TYPICAL PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING

NOTES:

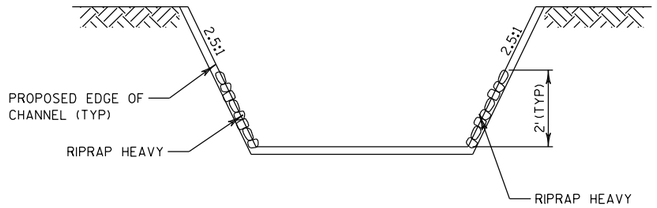
18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.

STOP LINES REQUIRED WHERE:

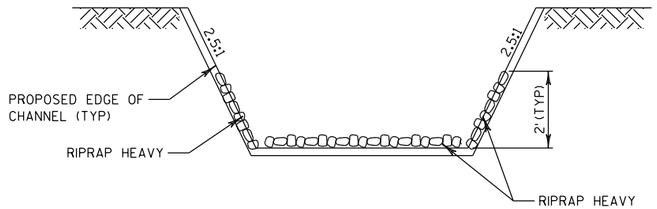
- CROSSWALK MARKINGS EXIST OR BEING PROVIDED
- LARGE RADII
- OFFSET LEFT TURNS WHERE STOP BAR FOR LEFT TURN IS SET BACK FROM THRU MOVEMENT.

NOTE:
1) SEE STORM SEWER PLANS FOR ADDITIONAL STORM SEWER INFORMATION.

2) SEE EROSION CONTROL PLANS FOR ADDITIONAL EROSION CONTROL DETAIL.



TYPICAL UPSTREAM CHANNEL SECTION



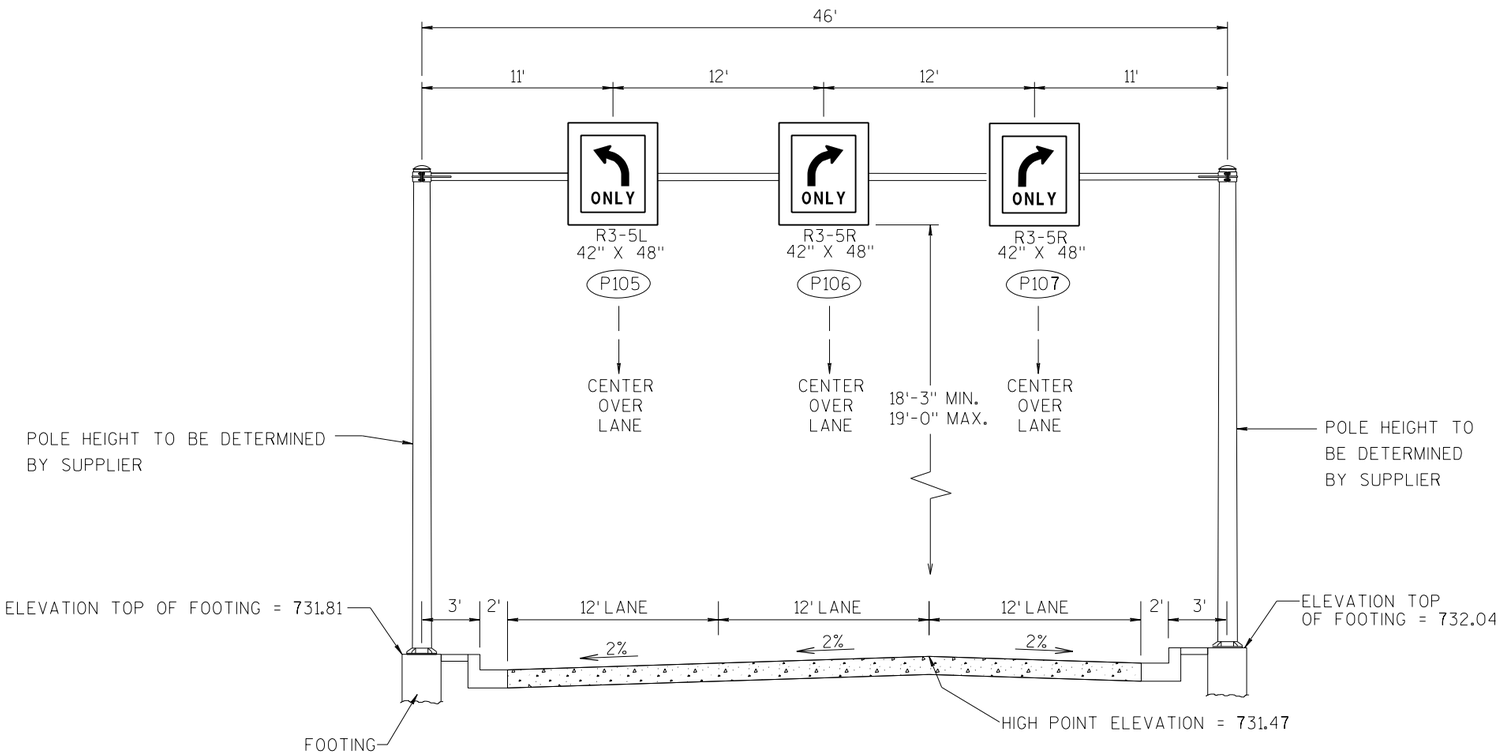
TYPICAL DOWNSTREAM CHANNEL SECTION

DETENTION POND K
730
735
740
735
574
573
572
571
WISCONN VALLEY SUB
WISCONN VALLEY NB
PROPOSED R/W
PROPOSED R/W
1711
P1712
RIPRAP HEAVY
PROPOSED EDGE OF CHANNEL
STA 571+82.13
-143.21
1713
STA 571+73.79
-102.95
PROPOSED PLE
STA 571+75.05
-146.35
PROPOSED EDGE OF CHANNEL
STA 571+51.76
-107.20
RIPRAP HEAVY
PROPOSED PLE
1707
P1708
STA 570+82.69
108.38
PROPOSED R/W
PROPOSED EDGE OF CHANNEL
1709
STA 570+62.43
150.63
UNNAMED TRIBUTARY
RIPRAP HEAVY
PROPOSED R/W
STA 570+58.59
103.45
STA 570+49.14
144.51
PROPOSED EDGE OF CHANNEL
P1684
1685
1683
N

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CONSTRUCTION DETAIL - UNNAMED TRIBUTARY MODIFICATIONS	SHEET	E

LEGEND

(PXXX) DENOTES SIGN NUMBER



OVERHEAD SIGN SUPPORT DETAIL
S-51-612
WISCONN VALLEY WAY SOUTHBOUND AT CTH KR
STA 503+12
SEE SIGNING PLAN

NOTE: FOOTINGS SHALL BE PER STANDARD DETAIL DRAWING, "36-INCH DIAMETER FULL SPAN OVERHEAD SIGN SUPPORT BASE". FOOTINGS ARE INCIDENTAL TO OVERHEAD SIGN SUPPORT.

ALLOWABLE DESIGN STRESSES	
CONCRETE MASONRY	FC=3,500 PSI
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60	FY=60,000 PSI
FOUNDATION DATA	
ALLOWABLE SOIL BEARING PRESSURE = 3,000 PSF	

NOTE, CONTRACTOR SHALL:

1) SUBMIT SHOP DRAWINGS OF OVERHEAD SIGN SUPPORT.

2) PROVIDE DESIGN CALCULATIONS.

3) SHOW SIGNS ON SHOP DRAWINGS.

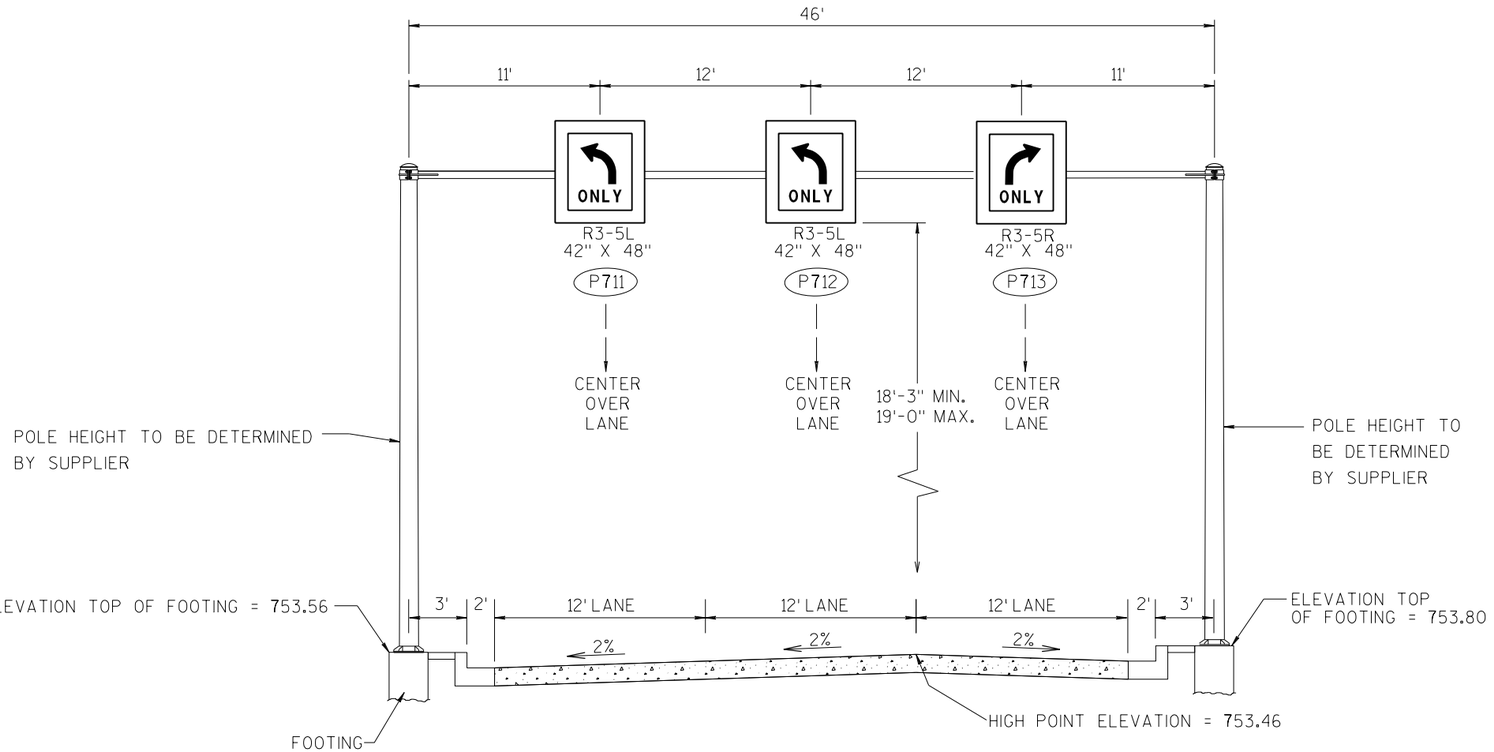
4) INSTALL SIGNS OR SIGN BLANKS ON OVERHEAD SIGN SUPPORT AT THE TIME OF ERECTION AS SPECIFIED IN STANDARD SPEC 641.3.1.4.

GENERAL NOTES

1. DRAWING NOT TO SCALE.
2. THE SIGN STRUCTURE SHALL BE DESIGNED TO SUPPORT THE SIGNS SHOWN.
3. DESIGN ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS". 6TH EDITION & INTERIM REVISIONS FATIGUE CATEGORY 1 CANTILEVERS.
4. WIND VELOCITY PER WISDOT STANDARD SPECIFICATIONS.
5. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.
6. 6 ANCHOR RODS MINIMUM PER STANDARD DETAIL DRAWING. DESIGN STRUCTURE BASE PLATE CONNECTION TO ACCOMMODATE.
7. MOUNTING BRACKETS FOR TYPE II SIGNS TO BE PER APPROVED PRODUCT LIST FOR ATTACHMENT OF SIGNS TO OVERHEAD SIGN SUPPORT.
8. I.D. PLAQUE INCIDENTAL TO OVERHEAD SIGN SUPPORT PER STANDARD SPEC 641.3.1.4.

LEGEND

(PXXX) DENOTES SIGN NUMBER



OVERHEAD SIGN SUPPORT DETAIL
S-51-613
WISCONN VALLEY WAY NORTHBOUND AT STH 11
STA 603+57
SEE SIGNING PLAN

NOTE: FOOTINGS SHALL BE PER STANDARD DETAIL DRAWING, "36-INCH DIAMETER FULL SPAN OVERHEAD SIGN SUPPORT BASE". FOOTINGS ARE INCIDENTAL TO OVERHEAD SIGN SUPPORT.

ALLOWABLE DESIGN STRESSES	
CONCRETE MASONRY	FC=3,500 PSI
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60	FY=60,000 PSI
FOUNDATION DATA	
ALLOWABLE SOIL BEARING PRESSURE = 3,000 PSF	

NOTE, CONTRACTOR SHALL:

1) SUBMIT SHOP DRAWINGS OF OVERHEAD SIGN SUPPORT.

2) PROVIDE DESIGN CALCULATIONS.

3) SHOW SIGNS ON SHOP DRAWINGS.

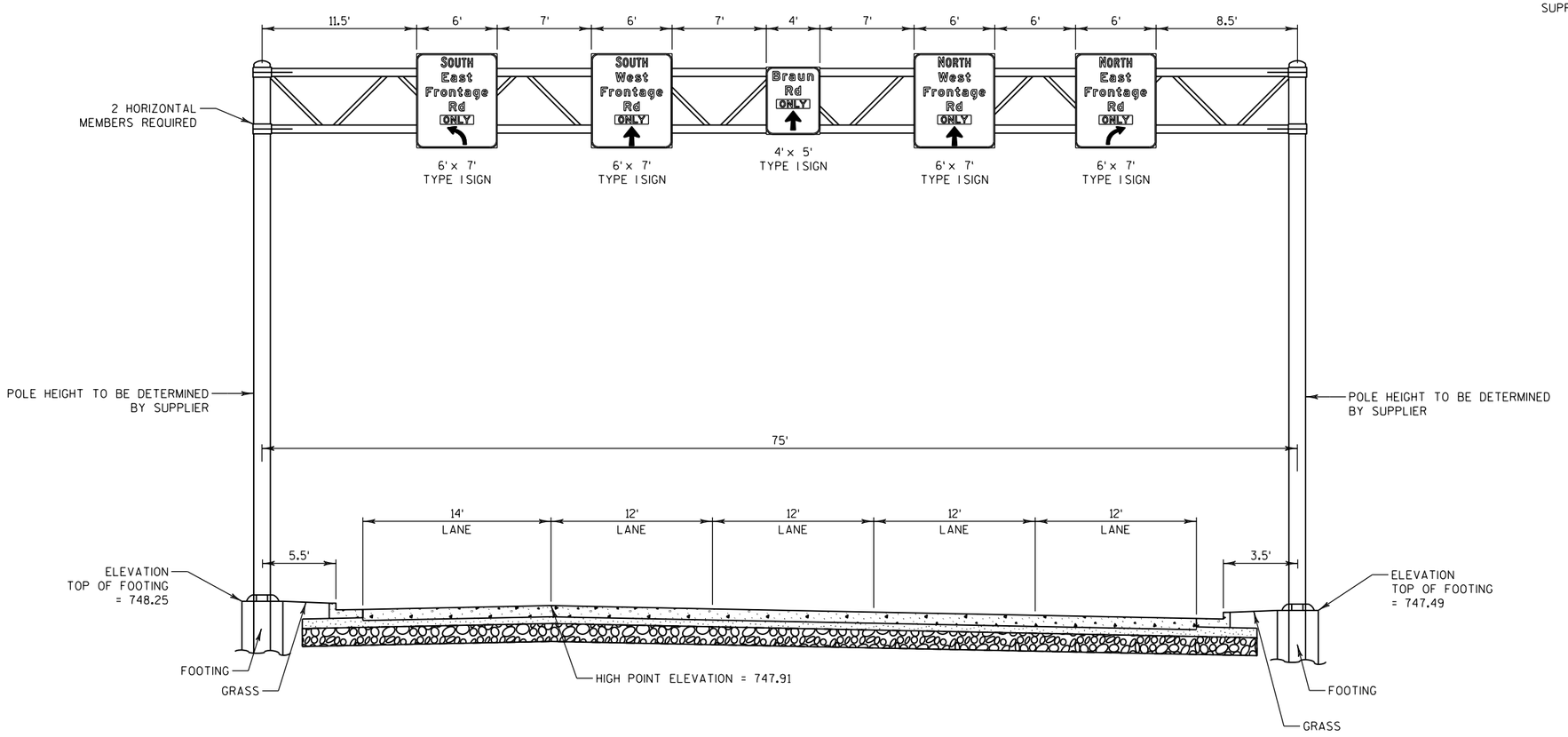
4) INSTALL SIGNS OR SIGN BLANKS ON OVERHEAD SIGN SUPPORT AT THE TIME OF ERECTION AS SPECIFIED IN STANDARD SPEC 641.3.1.4.

GENERAL NOTES

1. DRAWING NOT TO SCALE.
2. THE SIGN STRUCTURE SHALL BE DESIGNED TO SUPPORT THE SIGNS SHOWN.
3. DESIGN ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS". 6TH EDITION & INTERIM REVISIONS FATIGUE CATEGORY 1 CANTILEVERS.
4. WIND VELOCITY PER WISDOT STANDARD SPECIFICATIONS.
5. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.
6. 6 ANCHOR RODS MINIMUM PER STANDARD DETAIL DRAWING. DESIGN STRUCTURE BASE PLATE CONNECTION TO ACCOMMODATE.
7. MOUNTING BRACKETS FOR TYPE II SIGNS TO BE PER APPROVED PRODUCT LIST FOR ATTACHMENT OF SIGNS TO OVERHEAD SIGN SUPPORT.
8. I.D. PLAQUE INCIDENTAL TO OVERHEAD SIGN SUPPORT PER STANDARD SPEC 641.3.1.4.

2

NOTE: FOOTING SHALL BE PER STANDARD DETAIL DRAWING, 36-INCH DIAMETER FULL SPAN OVERHEAD SIGN SUPPORT BASE & INCIDENTAL TO STRUCTURE



IBEAMS - W5X3.7 IBEAMS FOR MOUNTING SIGNS ARE INCIDENTAL TO TYPE I SIGNS

OVERHEAD SIGN SUPPORTS DETAIL
S-51-611
BRAUN ROAD
@ EAST FRONTAGE ROAD
(SEE SIGNING PLAN FOR LOCATION)

NOTE, CONTRACTOR SHALL:

1. SUBMIT SHOP DRAWINGS OF OVERHEAD SIGN SUPPORT TO TOM HEYDEL, WISDOT TRAFFIC, & BUREAU OF STRUCTURES.
2. PROVIDE DESIGN CALCULATIONS.
3. SHOW SIGNS ON SHOP DRAWINGS.
4. I.D. PLACQUE INCIDENTAL TO OVERHEAD SIGN SUPPORT PER STANDARD SPEC 641.3.1.4.
5. 6 ANCHOR RODS MINIMUM PER STANDARD DETAIL DRAWING. DESIGN STRUCTURE BASE PLATE CONNECTION TO ACCOMODATE.
6. REFER TO SIGN PLATE A4-7.4 FOR ATTACHMENT OF SIGNS TO OVERHEAD SIGN SUPPORT.
7. INSTALL SIGNS ON SIGN BLANKS ON OVERHEAD SIGN SUPPORTS AT THE TIME OF ERECTION AS SPECIFIED IN STANDARD SPEC 641.3.1.4.

ALLOWABLE DESIGN STRESSES

CONCRETE MASONRY	FC = 3500 PSI
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60	FY = 60,000 PSI

FOUNDATION DATA

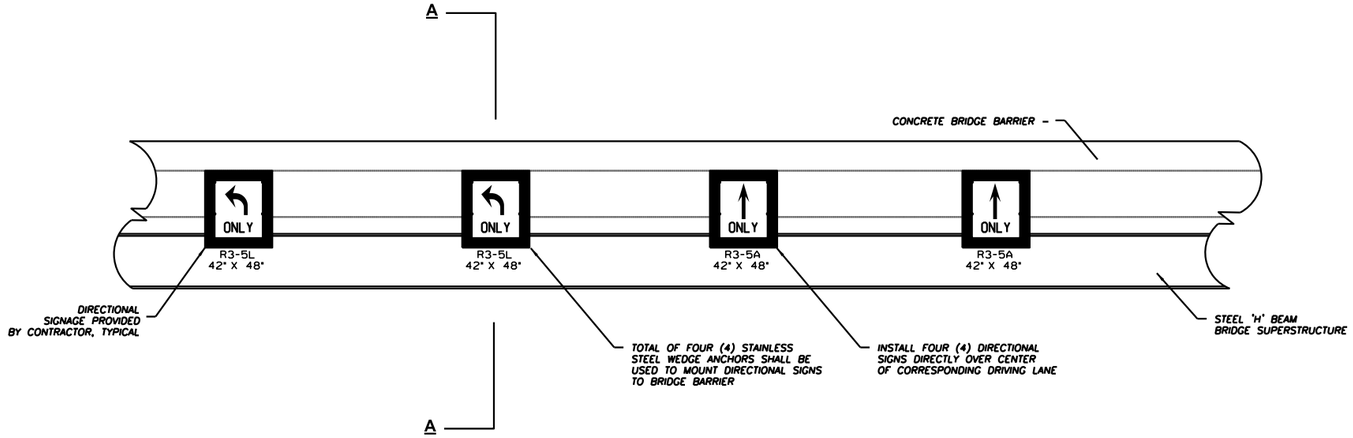
ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF

GENERAL NOTES:

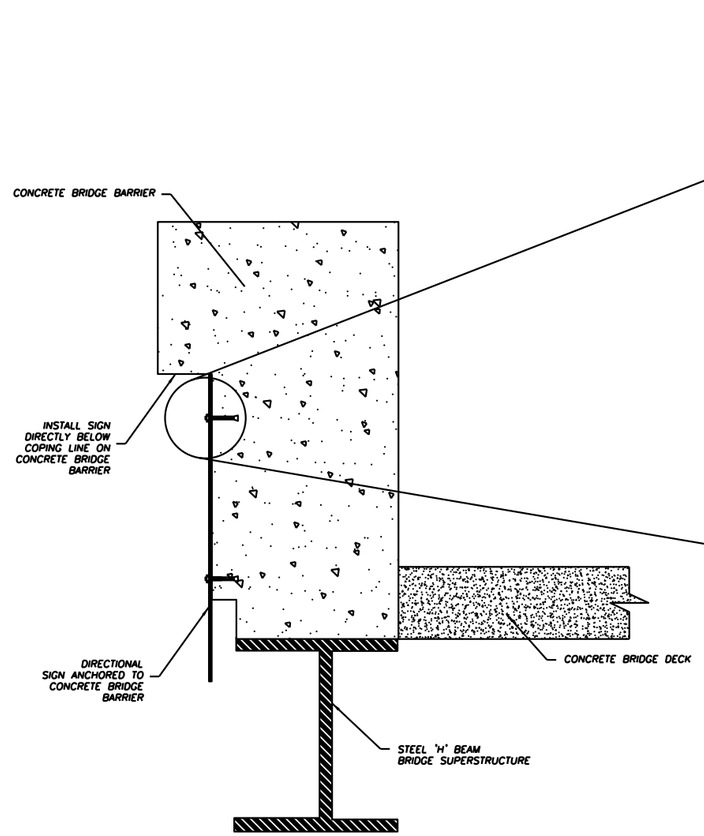
1. DRAWING NOT TO SCALE.
2. DESIGN ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 6TH EDITION & INTERIM REVISIONS FATIGUE CATEGORY I CANTILEVERS.
3. THE SIGN STRUCTURES SHALL BE DESIGNED TO SUPPORT THE SIGNS SHOWN.
4. WIND VELOCITY PER WISDOT STD SPECIFICATIONS.
5. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CONSTRUCTION DETAILS	SHEET	E

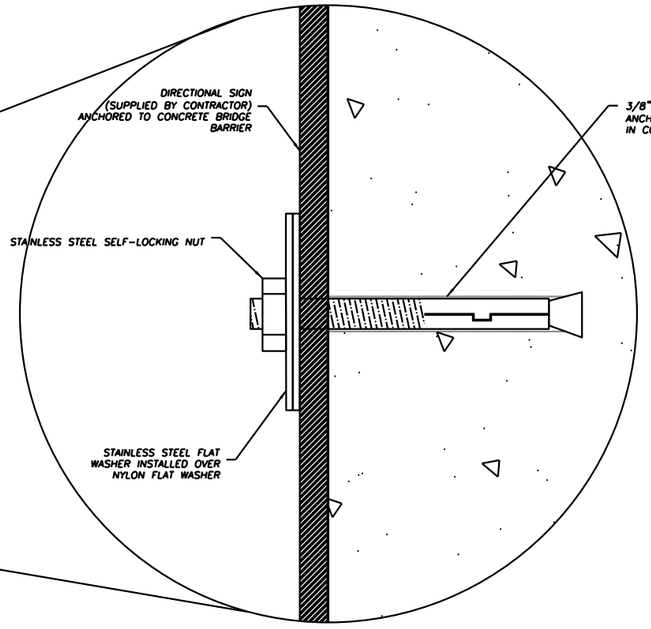
2



DIRECTIONAL SIGN MOUNTING ON BRIDGE
N.T.S.

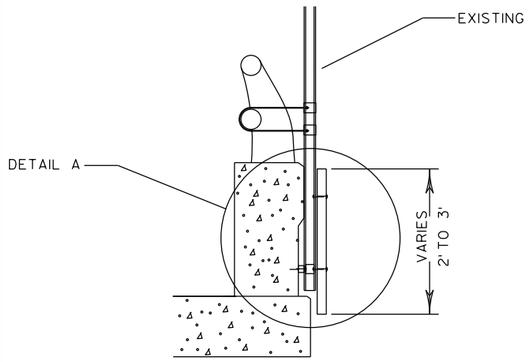


SECTION A-A
N.T.S.

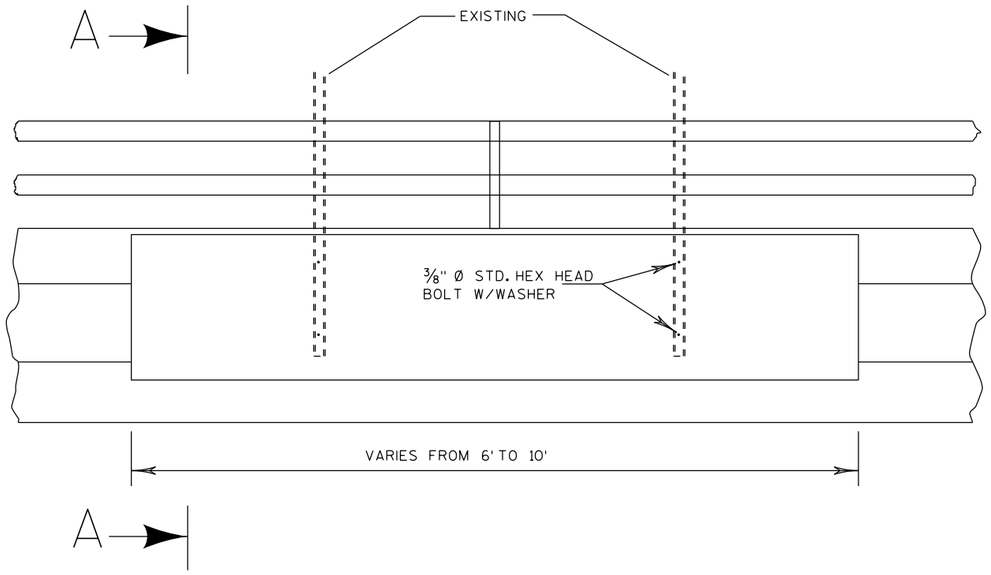


ANCHOR DETAIL
N.T.S.

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	SIGN MOUNTING DETAIL ON BRIDGE	SHEET	E



SECTION A-A
SIDE VIEW

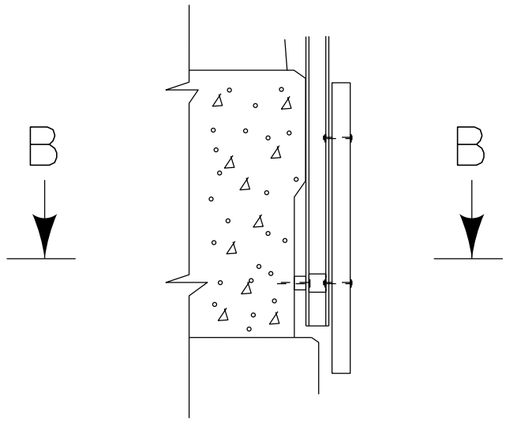


FRONT VIEW

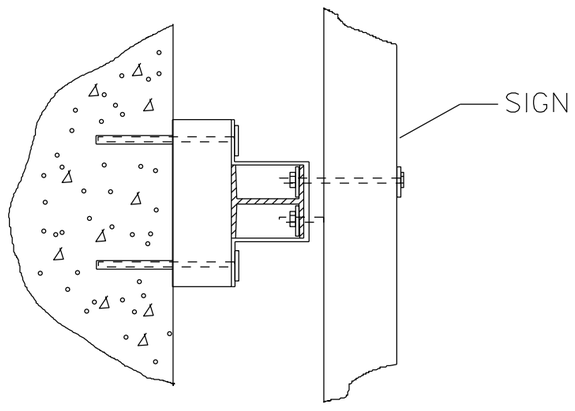
NOTES:

PROVIDE NEW BOLTS.

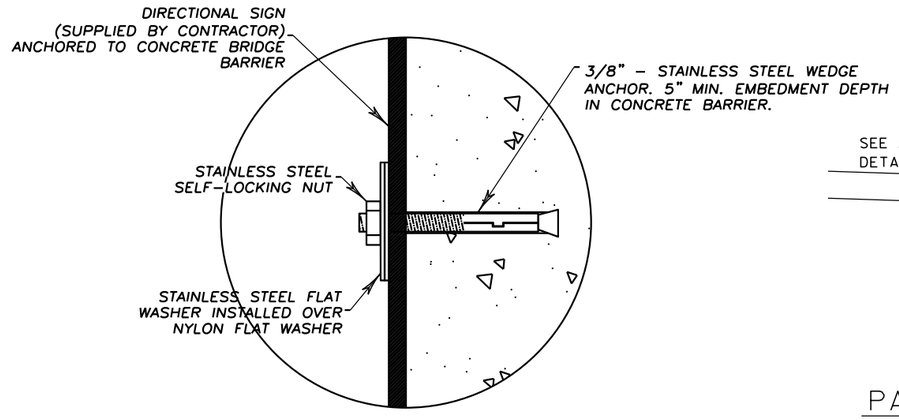
MOUNTING DETAIL COSTS ARE INCIDENTAL TO PAY ITEM "TYPE II SIGNS, REFLECTIVE".



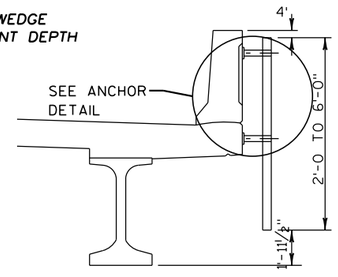
DETAIL A



SECTION B-B
TOP VIEW



ANCHOR DETAIL
N.T.S.



PARAPET OPTION
WITHOUT RAIL

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	SIGN MOUNTING DETAIL ON BRIDGE	SHEET	E

2

N

WISCONN VALLEY WAY

558

557

BRAUN ROAD

68BRW

69BRW

70BRW

71BR

68BRE

BRW+42.42
79.02' LT
742.01

BRW+34.14
84.63' LT
742.16

BRW+29.14
78.95' LT
742.27

BRW+35.76
71.45' LT
742.16

BRW+42.14
67.13' LT
741.78

BRW+47.75
75.41' LT
741.76

BRW+48.63
74.82' LT
741.74

TYPE 3

BRW+70.42
60.06' LT
742.49

BRW+67.84
61.81' LT
742.44

BRW+74.24
57.47' LT
642.59

BRW+78.63
54.50' LT
742.67

BRW+85.73
54.50' LT
742.47

BRW+64.81
51.78' LT
742.51

BRW+68.63
49.19' LT
742.62

BRW+86.02
44.50' LT
742.57

BRW+68.63
44.50' LT
742.67

BRW+68.63
38.50' LT
742.55

BRW+78.63
44.50' LT
742.77

BRW+78.63
38.50' LT
742.60

TYPE 6

BRW+15.20
54.50' LT
742.61

BRW+22.20
54.50' LT
742.67

TYPE 5

BRW+22.20
44.50' LT
742.77

BRW+15.20
44.50' LT
742.71

BRW+40.29
94.39' LT
743.21

BRW+32.90
87.64' LT
743.06

BRW+46.05
89.49' LT
743.32

BRW+28.69
81.19' LT
742.81

BRW+40.59
81.11' LT
743.21

BRW+37.07
75.72' LT
742.89

BRW+36.49
74.83' LT
742.87

TYPE 3

BRW+11.28
54.50' LT
743.46

BRW+06.70
54.50' LT
743.41

BRW+99.20
54.50' LT
743.07

BRW+12.86
56.92' LT
743.30

BRW+23.22
54.49' LT
743.39

BRW+99.20
44.50' LT
743.17

BRW+21.24
51.45' LT
743.44

BRW+19.66
49.04' LT
743.56

BRW+06.70
44.50' LT
743.41

BRW+06.70
38.80' LT
743.30

BRW+16.70
44.50' LT
743.51

BRW+16.70
39.05' LT
743.34

TYPE 6

70BRE+06.65
45.00' LT
743.83

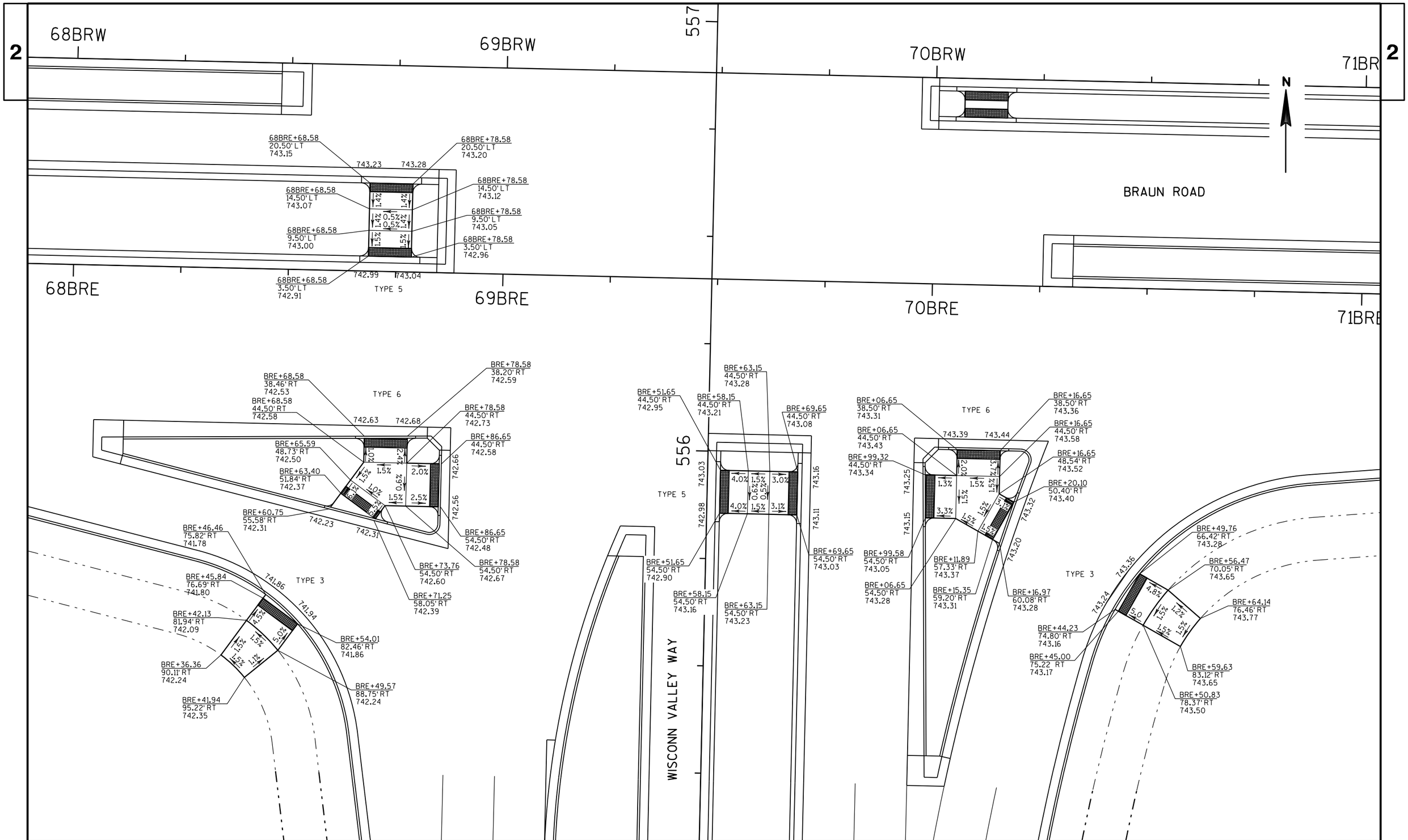
70BRE+16.65
45.00' LT
743.88

70BRE+06.65
39.00' LT
743.95

70BRE+16.65
39.00' LT
744.00

TYPE 5

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CURB RAMP DETAILS	SHEET	E



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CURB RAMP DETAILS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW_CURB RAMP DETAILS_11521.dgn
PLOT BY : dbaumann
PLOT NAME :
PLOT SCALE : 20:1
WISDOT/CADDS SHEET 42

2

N

R/L BRAUN ROAD WB

SLOPE INTERCEPT (TYP)

20LF REMOVING CULVERT PIPE

24LF REMOVING CULVERT PIPE

20LF REMOVING CULVERT PIPE

54BRW 56BRW 58BRW 60BRW 62BRW 64BRW

BRAUN ROAD

MATCHLINE A 65BRE+00

50BRE 52BRE 54BRE 56BRE 58BRE 60BRE 62BRE 64BRE

POST

MP

R/L BRAUN ROAD EB

773LF REMOVING FENCE

Eqn 54+36.47 = Eqn 54+36.41

REMOVAL LEGEND

- CLEARING AND GRUBBING
- REMOVING CULVERT PIPE
- REMOVING FENCE

NOTES:

1. ALL EXISTING ASPHALT REMOVAL WILL BE PAID FOR AS COMMON EXCAVATION.
2. EXISTING RESIDENCES TO BE REMOVED BY OTHERS.
3. CLEARING AND GRUBBING LOCATIONS ON WISCONN VALLEY WAY SHOWN ON PLAN AND PROFILE SHEETS.

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	REMOVAL PLAN	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTDWG\11011r27.dgn 11/27/2018 7:52:55 AM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 100:1

2

2

N

R/L WISCONN VALLEY WAY

SLOPE INTERCEPT (TYP)

165LF REMOVING FENCE

10LF REMOVING FENCE

R/L BRAUN ROAD WB

MATCHLINE A 65BRE+00

66BRW 68BRW 70BRW 72BRW 74BRW 76BRW 78BRW 80BRW

BRAUN ROAD

66BRE 68BRE 70BRE 72BRE 74BRE 76BRE 78BRE 80BRE

11LF REMOVING FENCE

21LF REMOVING CULVERT PIPE

25LF REMOVING CULVERT PIPE

R/L BRAUN ROAD EB

561 560 559 558 557 556 555 554 553 552

REMOVAL LEGEND

- CLEARING AND GRUBBING
- REMOVING CULVERT PIPE
- REMOVING FENCE
- SAWCUT

NOTES:

1. ALL EXISTING ASPHALT REMOVAL WILL BE PAID FOR AS COMMON EXCAVATION.
2. EXISTING RESIDENCES TO BE REMOVED BY OTHERS
3. CLEARING AND GRUBBING LOCATIONS ON WISCONN VALLEY WAY SHOWN ON PLAN AND PROFILE SHEETS.

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	REMOVAL PLAN	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plan Sheets\11021rm2.dgn PLOT DATE : 7/27/2018 7:53:01 AM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

PLAN DETAIL LEGEND

- (CG04) CURB RAMP TYPE 3
- (CG07) CURB RAMP TYPE 5
- (CG08) CURB RAMP TYPE 6
- (CG24) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
- (CG53) CONCRETE CURB & GUTTER 30-INCH TYPE A
- (CM01) CONCRETE MEDIAN SLOPED NOSE TYPE 1
- (CM02) CONCRETE MEDIAN SLOPED NOSE TYPE 2
- (CM04) MAINTENANCE OPENING
- (CM07) CONCRETE SIDEWALK 5-INCH
- (CP13) CONCRETE PAVEMENT 10-INCH
- (LS02) BIORETENTION CELL
- (LS03) BIORETENTION CELL CURB OPENING (SEE CONSTRUCTION DETAIL)
- (LS04) TOPSOIL, FERTILIZER, SEED, AND EROSION MAT
- (PV10) FUTURE PATH BY OTHERS
- ■ PROPOSED INLET LOCATION

NOTE:

1) CURB RADIUS GIVEN TO CURB FLANGE, UNLESS NOTED OTHERWISE.

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

2

N

STA 501+54.48
-55.32

R=476'

STA 502+33.74
-24.00

STA 502+41.06
-48.00

BEGIN PROJECT 2704-00-76
STA 501+54.47

WISCONN VALLEY WAY NB

WISCONN VALLEY WAY SB

502 503 504 505 506 507

STA 503+37.26
-12.00

STA 503+50.00
-14.03

STA 504+39.54
-24.00

R/L WISCONN VALLEY WAY

CP13 CM04 CG53 PV10 LS04

12' 10' 24' 48'

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

2

2

N

LS04

LS04

PV10 LS04

10'

10'

CP13

CG53

WISCONN VALLEY WAY SB

12'

12'

CP13

508

509

CG53

510

511

512

513

48'

24'

LS04

CP13

WISCONN VALLEY WAY NB

12'

12'

CG53

CP13

10'

10'

PV10 LS04

R/L WISCONN VALLEY WAY

LS04

LS04

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

2

N

LS04

LS04

PV10 LS04

10' 10'

CP13

12'

WISCONN VALLEY WAY SB

CP13

12'

CG53

514 515 516 48' 517 518 519

LS04

24'

CP13

CG53

12'

WISCONN VALLEY WAY NB

CP13

12'

10' 10'

PV10 LS04

LS04

LS04

R/L WISCONN VALLEY WAY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\021203_PD.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:40

2

2

N

R/L WISCONN VALLEY WAY

LS04

LS04

PV10 LS04

10'

10'

CP13

12'

CP13

WISCONN VALLEY WAY SB

12'

LS04

520 521 522 523 524 525

48'

24'

CG53

CP13

WISCONN VALLEY WAY NB

12'

CG53

CP13

12'

10'

10'

PV10 LS04

LS04

LS04

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\021204_PD.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:40

WISDOT/CADDS SHEET 42

2

N

R/L WISCONN VALLEY WAY

LS04

PV10 LS04 10'

10'

CP13 12' WISCONN VALLEY WAY SB CG53

CP13 12'

526 527 CG53 528 LS04 529 530 531

48' 24'

CP13 12' WISCONN VALLEY WAY NB

CP13 12' CG53

10'

10' PV10 LS04

LS04

LS04

STA 530+66.36
-22.00

LS03

STA 530+66.50
22.00

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\021205_PD.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:40

2

N

STA 531+77.74
-22.00

STA 531+74.16
-9.83

STA 531+74.04
0.17
R=4'

STA 532+00.92
-9.83

LS04

STA 533+95.64
-10.00

STA 533+99.14
-22.00

LS04

STA 536+21.70
-22.00

STA 536+18.20
-10.00

STA 536+18.20
0.00
R=4'

STA 536+45.20
-10.00

STA 536+45.20
0.00
R=4'

10'

PV10 LS04

12'

CP13

CG53

WISCONN VALLEY WAY SB

12'

LS03

STA 532+88.27
-22.00

LS03

CP13

STA 535+10.42
-22.00

LS03

STA 534+22.64
-10.00

LS04

LS03

STA 532+01.04
0.17
R=4'

CG53

533

534

535

536

537

531

532

LS02

LS02

STA 534+22.64
0.00
R=4'

48'

24'

LS03

LS03

LS03

LS03

STA 531+73.91
10.17

STA 532+01.17
10.17

LS03

LS03

STA 532+88.41
22.00

CP13

WISCONN VALLEY WAY NB

STA 535+10.42
22.00

STA 536+18.20
10.00

12'

CP13

CP13

CG53

STA 531+77.34
22.00

12'

10'

10'

PV10 LS04

LS04

STA 533+95.64
0.00
R=4'

STA 534+22.64
10.00

LS04

STA 536+21.70
22.00

STA 536+45.20
10.00

STA 533+95.64
10.00

R/L WISCONN VALLEY WAY

STA 533+99.14
22.00

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

2

N

C-51-85 (BOX CULVERT WILL BE CONSTRUCTED PRIOR TO LET AS SEPARATE PROJECT)

FENCE CHAIN LINK 6-FT

STA 537+43.50
-71.00

STA 538+43.50
-71.00

STA 538+45.05
-22.00

STA 538+41.55
-10.00

STA 540+69.38
-22.00

STA 540+65.88
-10.00

LS04

PV10 LS04

10'

10'

12'

STA 537+33.37
-22.00

CP13

CG53

WISCONN VALLEY WAY SB

CP13

STA 539+57.21
-22.00

12'

LS03

LS02 LS03

STA 538+68.55
-10.00

LS03

LS02

LS03

STA 540+92.88
-10.00

LS04

537 538 539 540 541 542 543

STA 538+41.55
0.00
R=4'

LS03

LS03

STA 538+68.55
0.00
R=4'

48'

24'

LS03

LS03

STA 540+92.88
0.00
R=4'

STA 537+33.37
22.00

CP13

STA 539+57.21
22.00

12'

WISCONN VALLEY WAY NB

CP13

CG53

12'

10'

10'

PV10 LS04

LS04

LS04

STA 537+43.50
71.00

FENCE CHAIN LINK 6-FT

STA 538+43.50
71.00

STA 538+68.55
10.00

STA 540+65.88
0.00
R=4'

STA 540+92.88
10.00

R/L WISCONN VALLEY WAY

STA 538+41.55
10.00

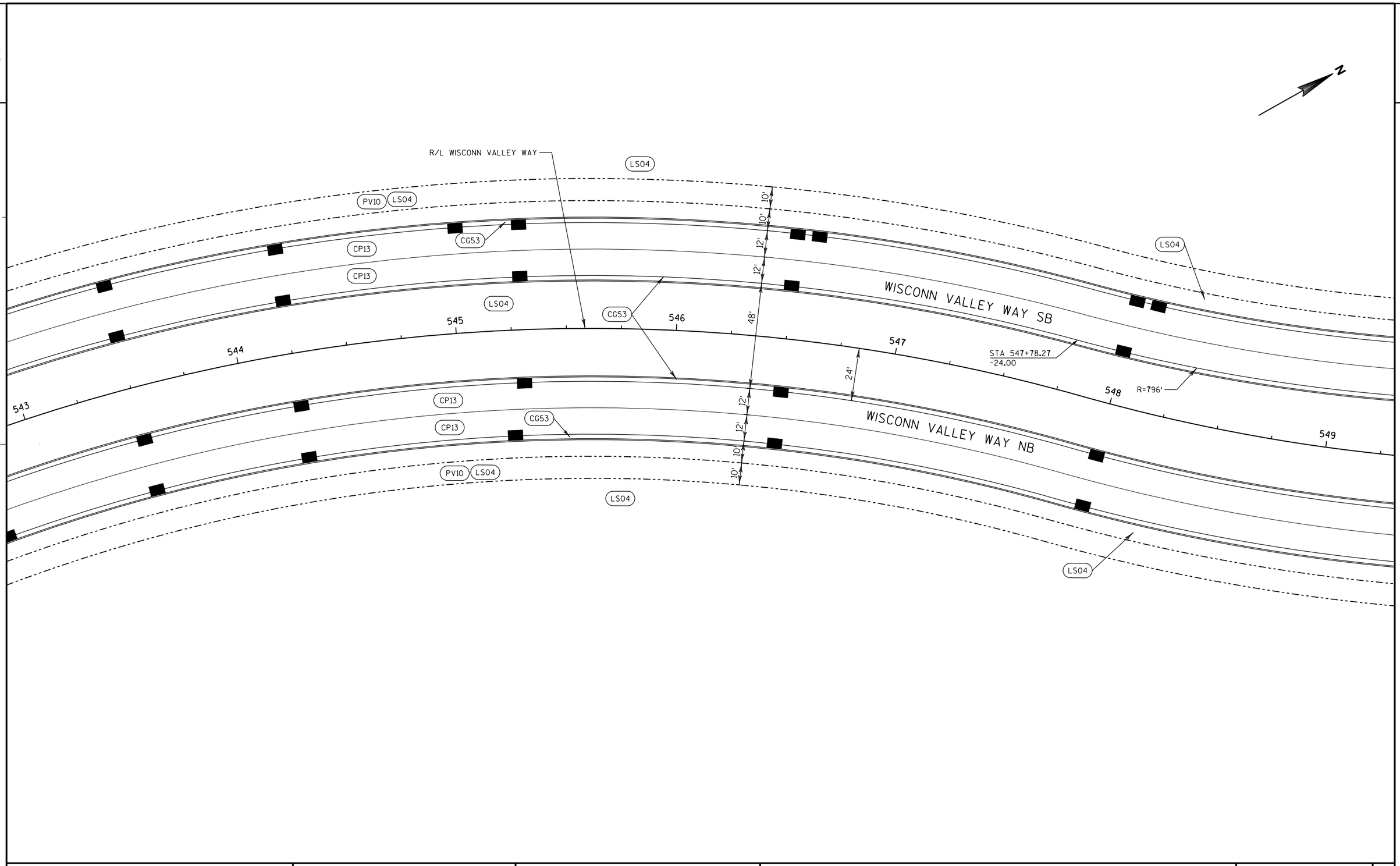
STA 540+65.88
10.00

STA 538+45.05
22.00

STA 540+69.38
22.00

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

2



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

2

N

STA 555+23.23
-78.77

STA 555+03.73
-36.00

CP13

STA 553+89.77
-59.73

LS04

R/L WISCONN VALLEY WAY

LS04

WISCONN VALLEY WAY SB

24'

STA 554+92.80
-12.00

555

STA 554+25.00
8.50

CM04

STA 554+06.54
10.91

CM01

STA 554+01.14
-35.90

LS04

STA 554+93.54
0.00

554

STA 553+99.63
11.88

STA 553+99.63
24.00

CG24

STA 553+35.04
24.00

CP13

STA 553+32.15
12.37

553

12'

CP13

CP13

CP13

CP13

CP13

CP13

CP13

CM04

STA 554+06.43
24.00

R=796'

549

550

551

552

CG53

CG53

24'

LS04

R=300'

STA 552+31.27
24.00

STA 553+25.00
13.96

WISCONN VALLEY WAY NB

CP13

CP13

12'

12'

10'

10'

PV10

LS04

10'

10'

LS04

STA 554+14.35
72.00

STA 554+30.31
72.00

LS04

STA 550+73.80
48.00

LS04

STA 552+10.13
48.05

STA 552+65.74
60.00

CG53

STA 552+64.44
72.00

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\021209_PD.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:40

NOTE:
1) SEE BRAUN RD PLAN DETAILS FOR ADDITIONAL INFORMATION.

N

BRAUN RD

68BRE
68BRW
69BRE
69BRW
70BRE
70BRW
71BRE
71BRW

STA 555+23.23
-78.77
CP13
STA 555+03.73
-36.00
STA 555+82.12
-20.00
R=200'
STA 555+75.12
-22.83
LS04
CM01
555
STA 555+75.12
-12.00
556
LS04
STA 555+82.12
-12.00
CM07
CP13
STA 555+23.23
48.00
10'
CM01
STA 555+23.23
56.71
R=476'
STA 555+53.52
88.22

STA 557+75.12
-91.54
STA 558+04.52
-82.66
STA 557+99.00
-68.66
STA 558+76.76
-72.00
STA 557+92.73
-70.55
R=250'
PV10
LS04
CM01
STA 558+27.56
-60.04
STA 557+92.00
-60.04
STA 557+99.00
-60.00
WISCONN VALLEY WAY SB
CM07
STA 557+49.12
0.00
STA 557+56.12
0.00
557
558
559
560
561
10'
24'
12'
CG53
STA 560+01.25
-72.00
STA 561+00.44
-58.93
STA 560+48.06
-35.98
STA 560+40.84
-36.00
STA 561+00.26
-34.92
STA 560+49.39
-11.97
STA 560+40.84
-24.00
STA 560+47.98
-23.98
STA 560+50.75
0.04
STA 558+27.50
24.00
STA 557+56.12
10.83
STA 557+49.12
8.00
WISCONN VALLEY WAY NB
STA 559+10.02
48.00
STA 557+99.00
63.77
R/L WISCONN VALLEY WAY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\021210_PD.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:40

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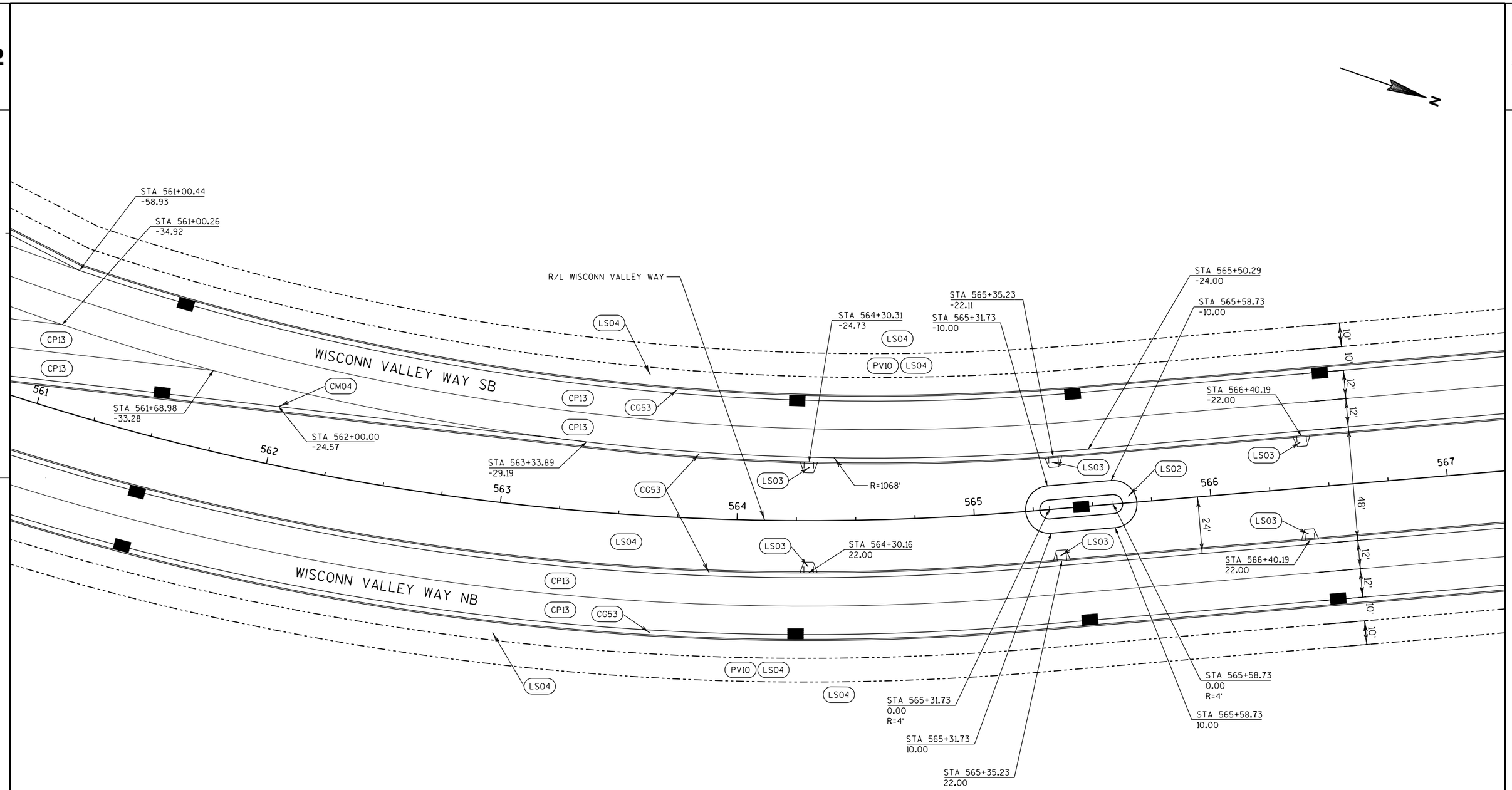
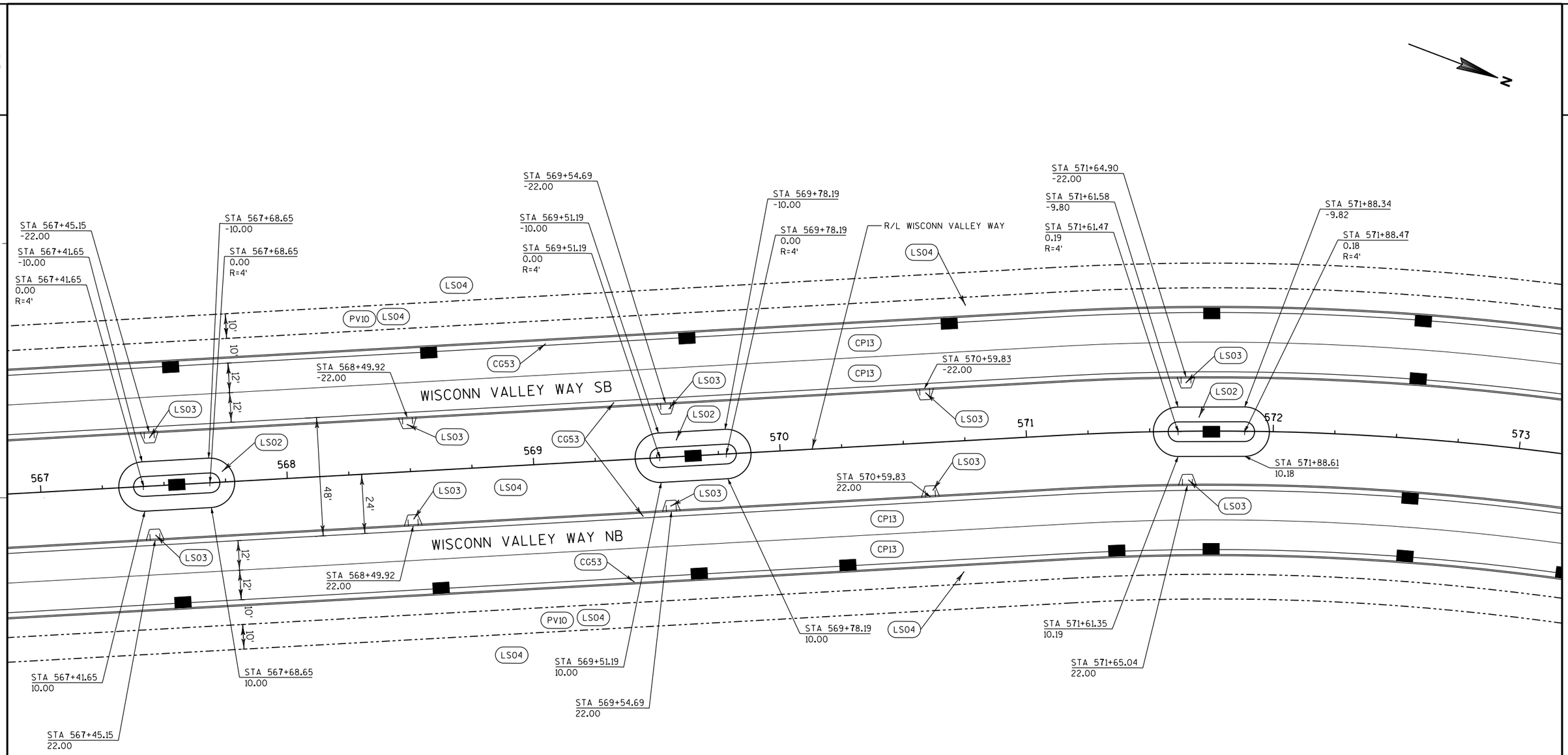


PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

2



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

2

N

LS04
PV10
LS04
LS04
CP13
CP13
WISCONN VALLEY WAY SB
CG53
578
579
577
LS04
576
575
CG53
CP13
CP13
PV10
LS04
LS04
WISCONN VALLEY WAY NB
574
LS04
573
R/L WISCONN VALLEY WAY

10'
10'
12'
12'
48'
24'
12'
12'
10'
10'

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\021213_PD.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:40

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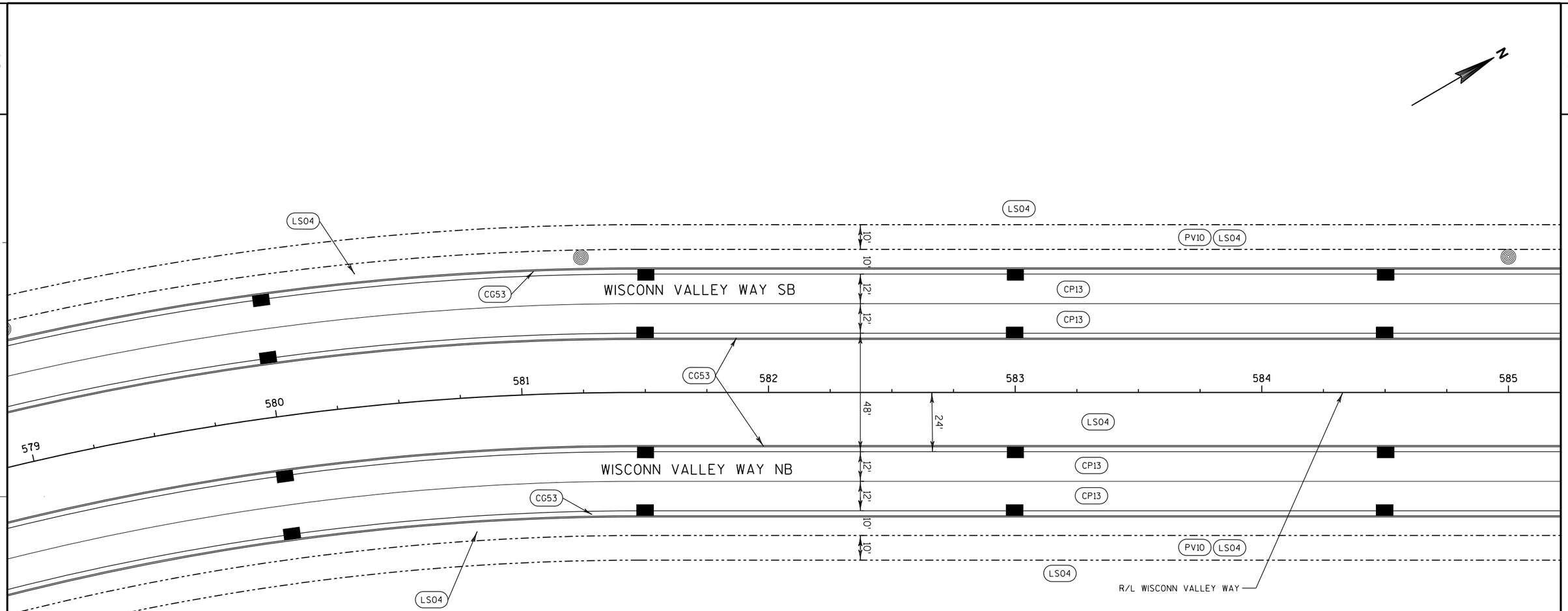
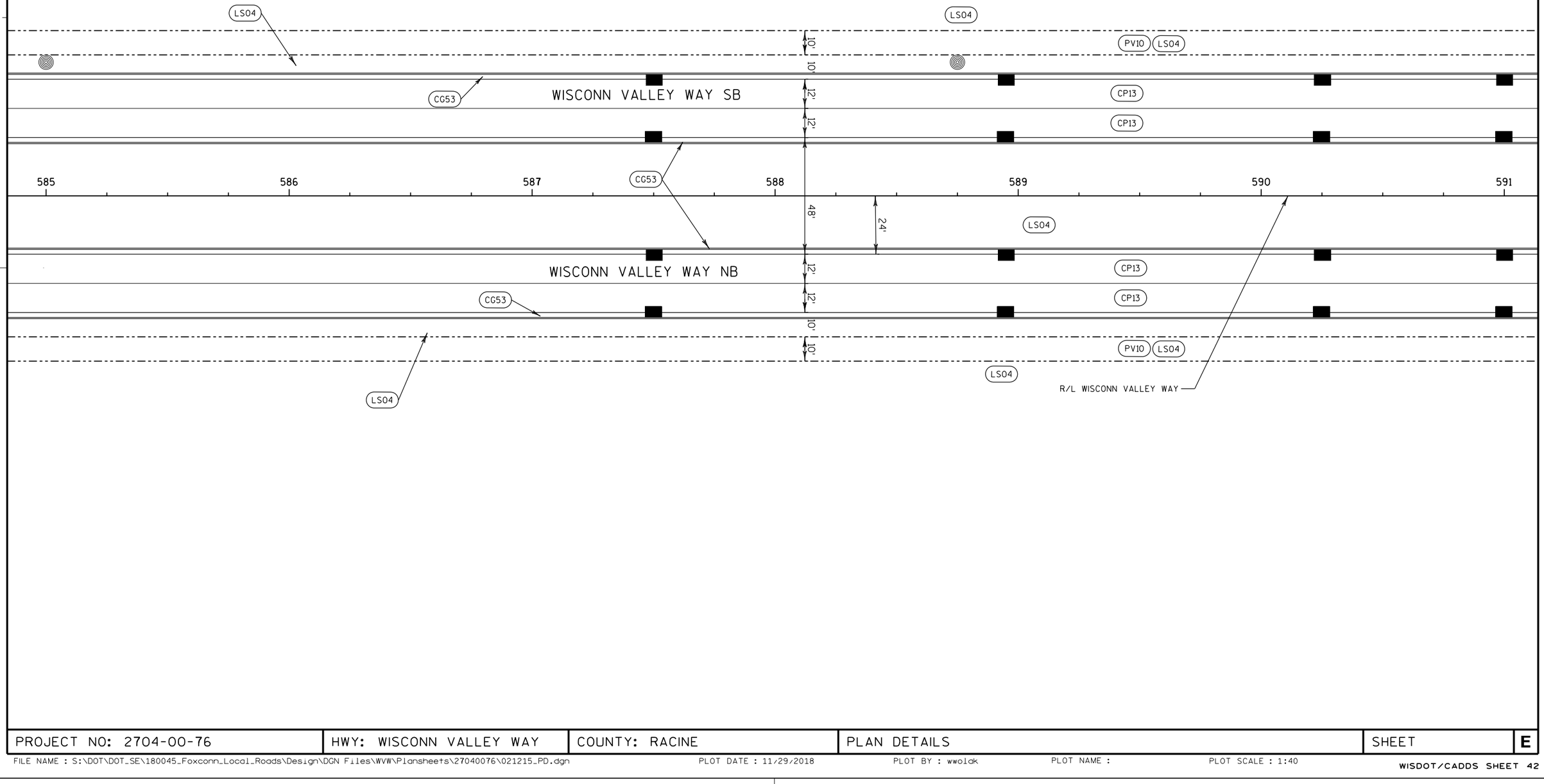


PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

2



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

2

N

R/L WISCONN VALLEY WAY

LS04

LS04

PV10

LS04

CP13

CG53

CP13

WISCONN VALLEY WAY SB

10'

10'

12'

12'

591

592

593

594

595

596

597

48'

24'

CG53

LS04

CP13

CP13

CG53

WISCONN VALLEY WAY NB

12'

12'

10'

10'

PV10

LS04

LS04

LS04

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\021216_PD.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:40

2

2

N

WISCONN VALLEY WAY SB

WISCONN VALLEY WAY NB

597 598 599 600 601 602 603

LS04 CG53 CP13 PV10 CM04

10' 10' 12' 12' 48' 24' 12' 12' 10' 10'

STA 602+36.58
24.00

STA 602+75.00
19.17

R/L WISCONN VALLEY WAY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\021217_PD.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:40

2

STH 11

N

157

158

159

160

603

604

605

606

WISCONN VALLEY WAY SB

WISCONN VALLEY WAY NB

END PROJECT 2704-00-76
STA 605+29.12

STA 603+31.98
12.00

STA 604+38.30
-48.00

STA 605+29.12
-58.59

STA 604+55.05
48.00

STA 605+01.13
36.00

R=250'

STA 605+19.75
56.52

STA 605+29.12
36.00

STA 605+29.12
43.50

STA 605+29.12
59.03

R/L WISCONN VALLEY WAY

LS04 PV10 CP13 CG53

10' 12' 36'

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAILS	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\021218_PD.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:40

2

N

BEGIN CONSTRUCTION
STA 54BRW+36.47
X=594561.83
Y=170407.23

LS04
PV10 LS04
CG53
LS04
CP13
CP13
CP13
CP13
12'
12'
12'
12'
BRW+21.36
48.00' LT
2'
BRW+01.36
36.00' LT
4BRW
55BRW
56BRW
57BRW
58BRW
59BRW
60B
BRW+48.68
0.00
BRW+45.42
0.00
2'
CM07
CG24
CM01
CP13
CP13
CP13
CM04
CG53
BRW+48.68
24.00' RT
BRW+73.42
36.00' RT
CM07
BRAUN ROAD
R/L BRAUN ROAD WB
R/L BRAUN ROAD EB
LS04
MATCHLINE A 60BRE+00
4BRE
55BRE
56BRE
57BRE
58BRE
59BRE
60B
BRE+13.53
2.50' LT
CP13
CP13
CP13
12'
12'
12'
Eqn54+36.47
Eqn54+36.41
2'
BRE+62.59
36.00' RT
BRE+41.93
36.00' RT
PV10 LS04
CG53
LS04
LS04

BEGIN CONSTRUCTION
STA A 54BRE+36.41
X=594560.75
Y=170359.24

NOTE:

SEE CONSTRUCTION DETAIL FOR
MAINTENANCE RAMP LAYOUT

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAIL: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTDWGS\12011pd2.dgn PLOT DATE : 28 Dec 2018 10:20:15 AM PLOT BY : jdepies PLOT NAME : PLOT SCALE : 40:1

2

2

N

LS04

CG53

PV10 LS04

LS04

CP13

12'

12'

CP13

12'

CP13

MATCHLINE A 60BRE+00

61BRW

62BRW

63BRW

64BRW

65BRW

66B

MATCHLINE A 66BRE+00

CG53

R/L BRAUN ROAD WB

BRAUN ROAD

LS04

R/L BRAUN ROAD EB

CG53

BRE+16.83
0.00

2'

12'

61BRE

62BRE

63BRE

CP13

BRE+00.83
0.00

64BRE

65BRE

66B

12'

12'

CP13

CP13

BRE+14.23
36.00' RT

BRE+98.23
36.00' RT

2'

CG53

PV10 LS04

LS04

LS04

BRE+94.23
48.00' RT

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAIL: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\WCVW_21_28_2018 10:20:18 AM PLOT BY : jdepies PLOT NAME : PLOT SCALE : 40:1

RADIUS TABLE (CENTER OF RADIUS)			
POINT	STATION	OFFSET	RADIUS
201	A 67BRE+25.09	298.00' RT	250.00'
202*	A 68BRE+84.15	58.50' RT	2.50'
203	A 71BRE+12.65	136.38' RT	200.00'
204*	A 70BRE+21.40	40.50' RT	2.50'
205	A 74BRE+89.77	211.78' RT	500.00'
206*	68BRW+63.50	40.50' LT	2.50'
207	67BRW+72.70	139.38' LT	200.00'
208*	70BRW+01.20	57.60' LT	2.50'
209	71BRW+56.40	298.00' LT	250.00'

* RADIUS MEASURED TO FACE OF CURB

NOTES:

1. SEE CURB RAMP CONSTRUCTION DETAIL FOR CURB RAMP LAYOUT
2. SEE CONSTRUCTION DETAIL FOR MAINTENANCE RAMP LAYOUT

R/L WISCONN VALLEY WAY

WISCONN VALLEY WAY

R/L BRAUN ROAD WB

R/L BRAUN ROAD EB

BRAUN ROAD

MATCHLINE A 66BRE+00

STA 68BRE+09.30, 101.45' LT
R=50.0'

STA 68BRE+19.05, 114.62' RT
R=50.0'

STA 70BRW+62.44, 114.62' RT
R=50.0'

END CONSTRUCTION
STA A 71BRW+75.05
X=596299.98
Y=170368.00

END CONSTRUCTION
STA A 71BRE+75.00
X=596298.89
Y=170320.01

STA A 70BRE+94.82, 102.13' RT
R=60.0'

N

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN DETAIL: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PlotSheets\12031_28.dgn
PLOTTED : 31 Dec 2018 10:20:22 AM PLOT BY : jdepies PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

	CROSS SLOPE TRANSITION			
	SOUTHBOUND		NORTHBOUND	
STATION	OUTSIDE LANE	INSIDE LANE	INSIDE LANE	OUTSIDE LANE
501+54.50	0.5% ↙	0.5% ↙	0.5% ↙	0.5% ↙
502+04.90	2.0% ↙		2.0% ↙	
502+38.50		2.0% ↘		2.0% ↘

NOTES:

1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

▒ = PROPOSED INLET

N

WISCONN VALLEY WAY NB

WISCONN VALLEY WAY SB

BEGIN PROJECT 2704-00-76
STA 501+54.47

R/L WISCONN VALLEY WAY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

2

NOTES:

1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

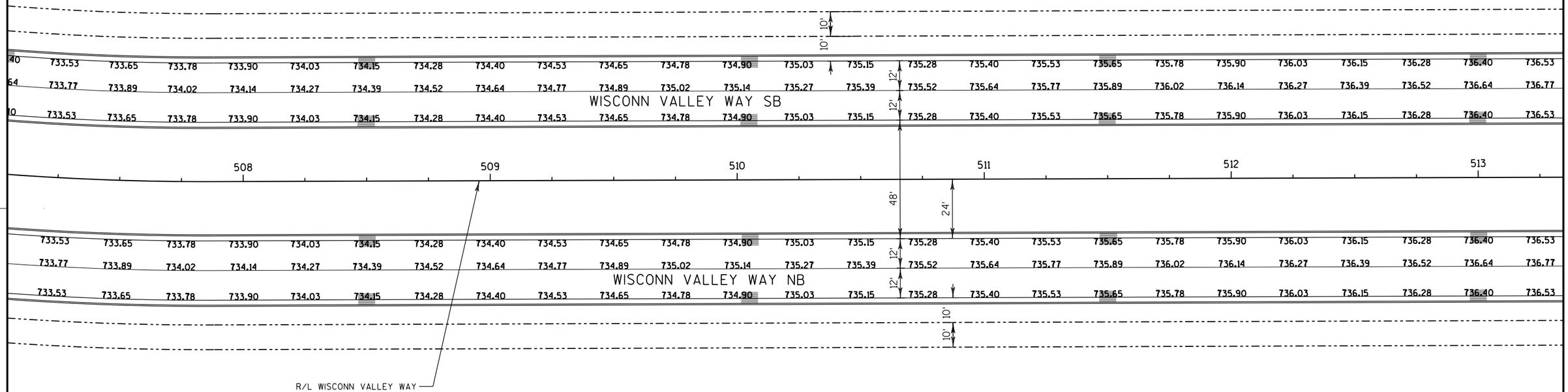
2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET

N



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

NOTES:

1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25' INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET

N

10'
10'

736.53 736.65 736.78 736.89 736.96 736.99 736.97 736.92 736.82 736.70 736.57 736.45 736.32 736.20 736.12 736.10 736.12 736.20 736.32 736.45 736.57 736.70 736.82 736.95 737.07

12'

736.77 736.89 737.02 737.13 737.20 737.23 737.21 737.16 737.06 736.94 736.81 736.69 736.56 736.44 736.36 736.34 736.36 736.44 736.56 736.69 736.81 736.94 737.06 737.19 737.31

12'

WISCONN VALLEY WAY SB

736.53 736.65 736.78 736.89 736.96 736.99 736.97 736.92 736.82 736.70 736.57 736.45 736.32 736.20 736.12 736.10 736.12 736.20 736.32 736.45 736.57 736.70 736.82 736.95 737.07

48'

514 515 516 517 518 519

24'

736.53 736.65 736.78 736.89 736.96 736.99 736.97 736.92 736.82 736.70 736.57 736.45 736.32 736.20 736.12 736.10 736.12 736.20 736.32 736.45 736.57 736.70 736.82 736.95 737.07

12'

736.77 736.89 737.02 737.13 737.20 737.23 737.21 737.16 737.06 736.94 736.81 736.69 736.56 736.44 736.36 736.34 736.36 736.44 736.56 736.69 736.81 736.94 737.06 737.19 737.31

12'

WISCONN VALLEY WAY NB

736.53 736.65 736.78 736.89 736.96 736.99 736.97 736.92 736.82 736.70 736.57 736.45 736.32 736.20 736.12 736.10 736.12 736.20 736.32 736.45 736.57 736.70 736.82 736.95 737.07

10'
10'

R/L WISCONN VALLEY WAY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

NOTES:

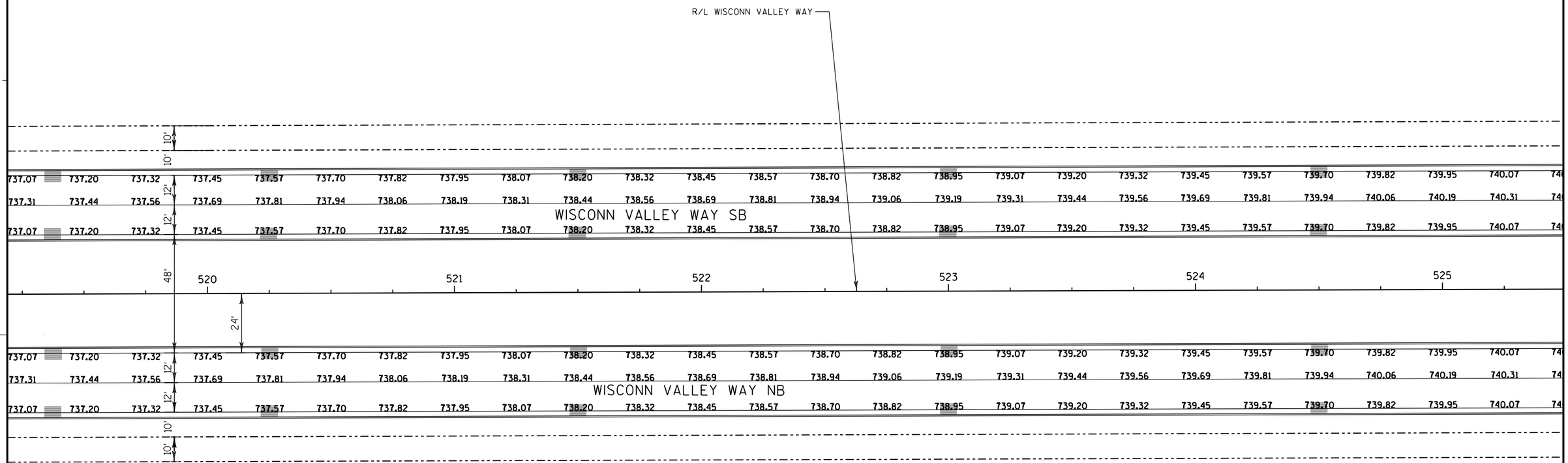
1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

NOTES:

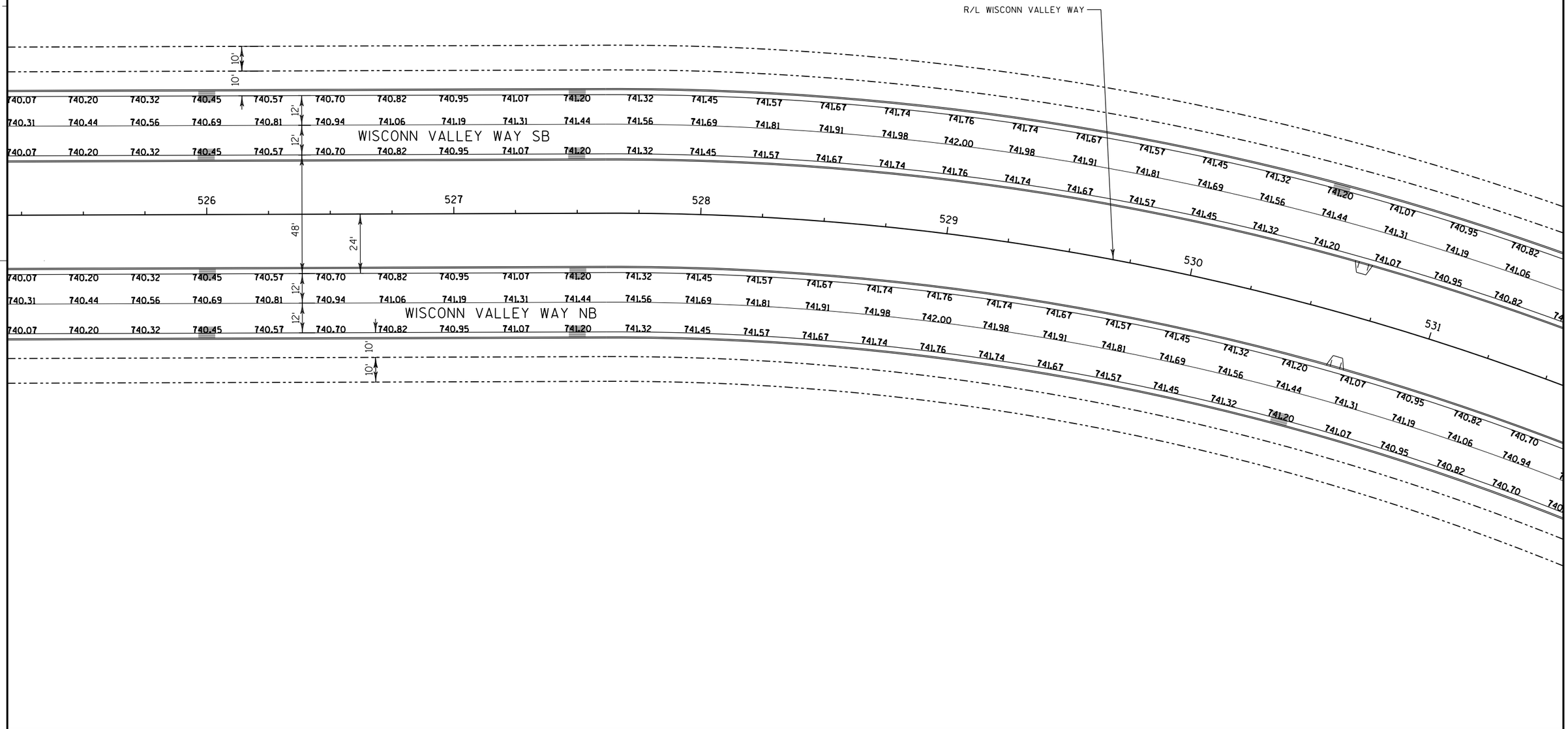
1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

NOTES:

1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

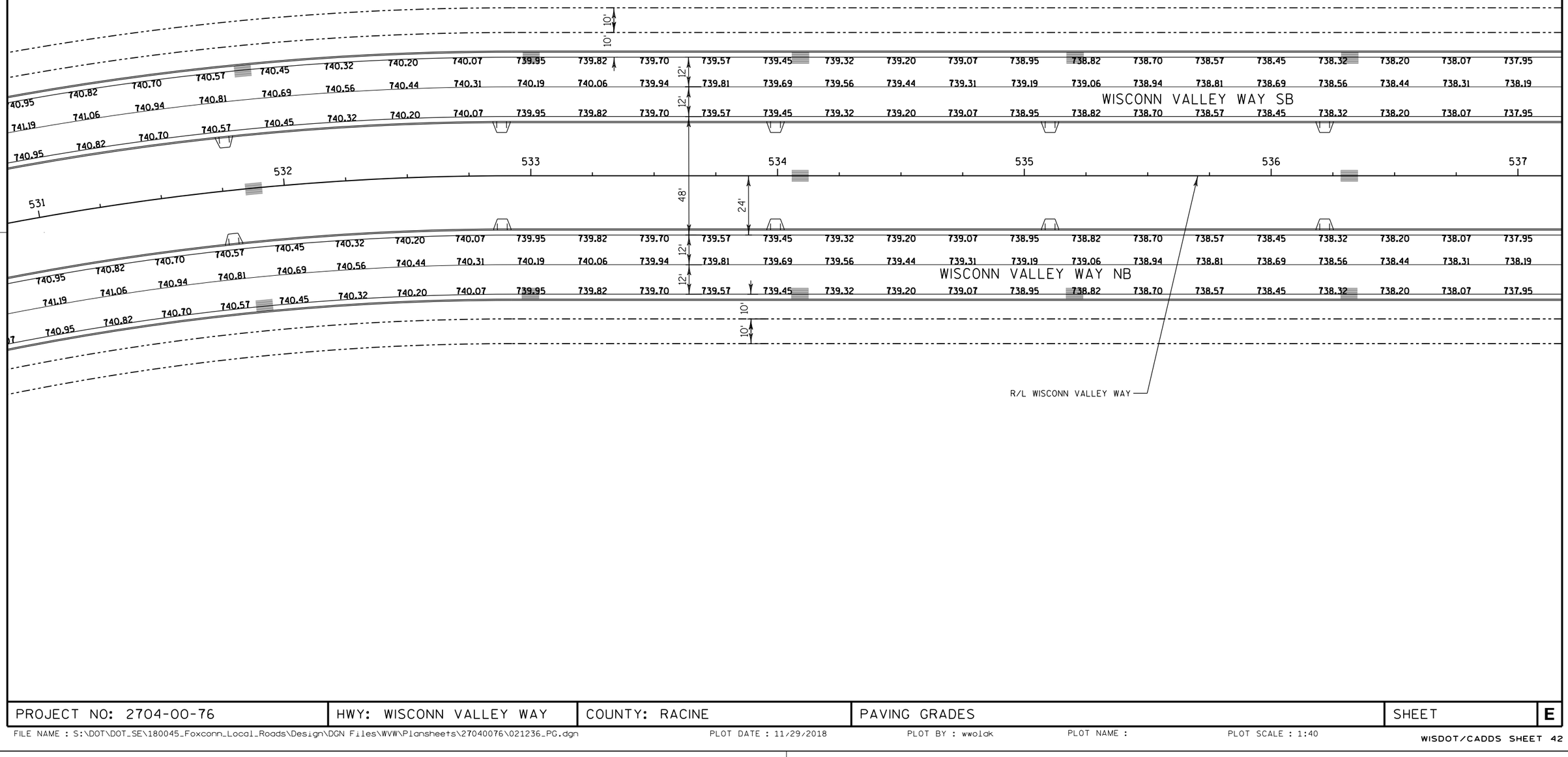
2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET

N



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\021236_PG.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:40

NOTES:

1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET

N

C-51-85 (BOX CULVERT WILL BE CONSTRUCTED PRIOR TO LET AS SEPARATE PROJECT)

R/L WISCONN VALLEY WAY

WISCONN VALLEY WAY SB

WISCONN VALLEY WAY NB

| | | |

2

NOTES:

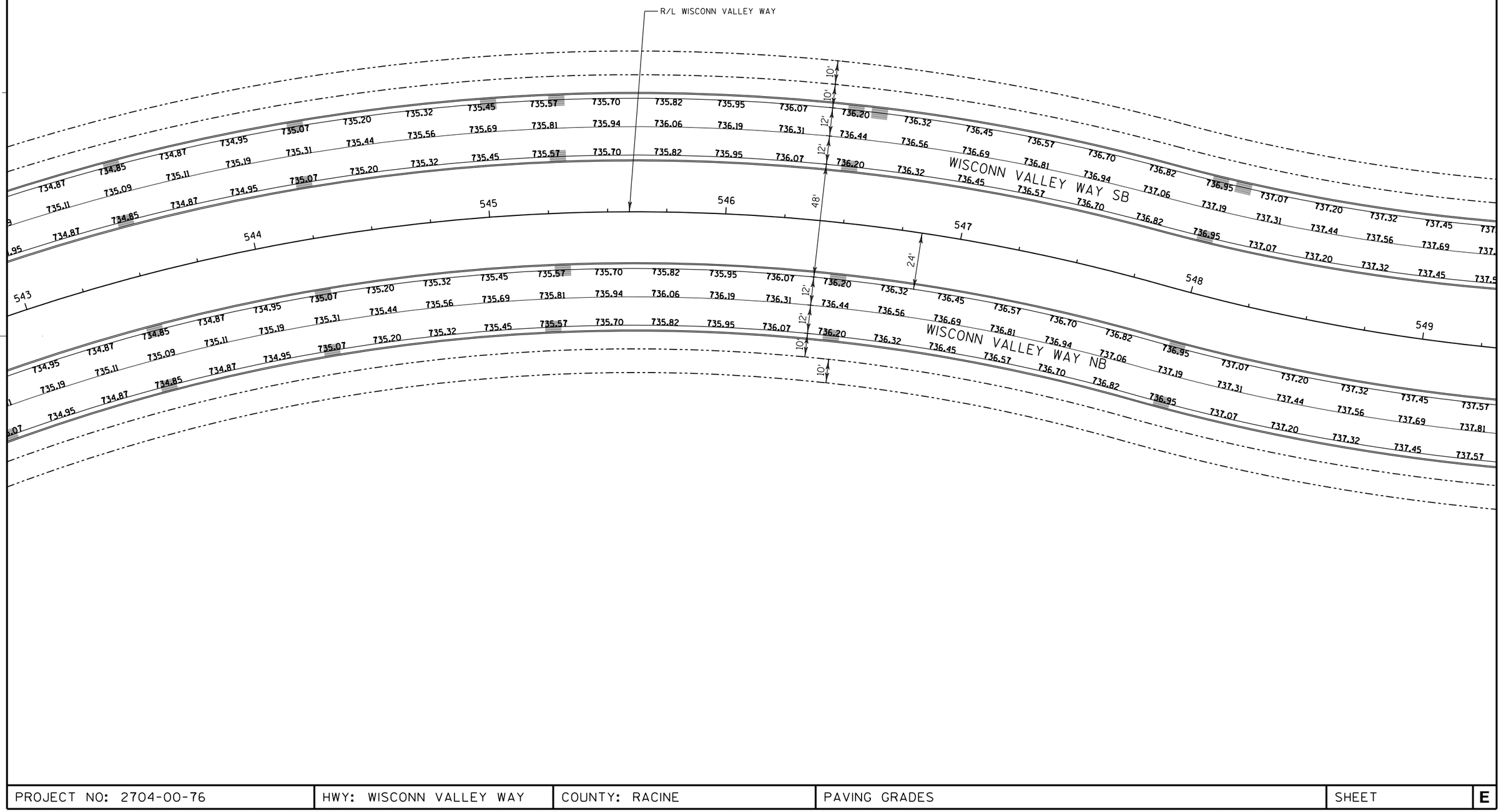
1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

CROSS SLOPE TRANSITION				
	SOUTHBOUND		NORTHBOUND	
STATION	OUTSIDE LANE	INSIDE LANE	INSIDE LANE	OUTSIDE LANE
553+75.00		2.0% ↘		2.0% ↘
554+30.00	2.0% ↙		2.0% ↙	
555+02.50	0.55% ↙	0.55% ↙	0.55% ↙	0.55% ↙

NOTES:

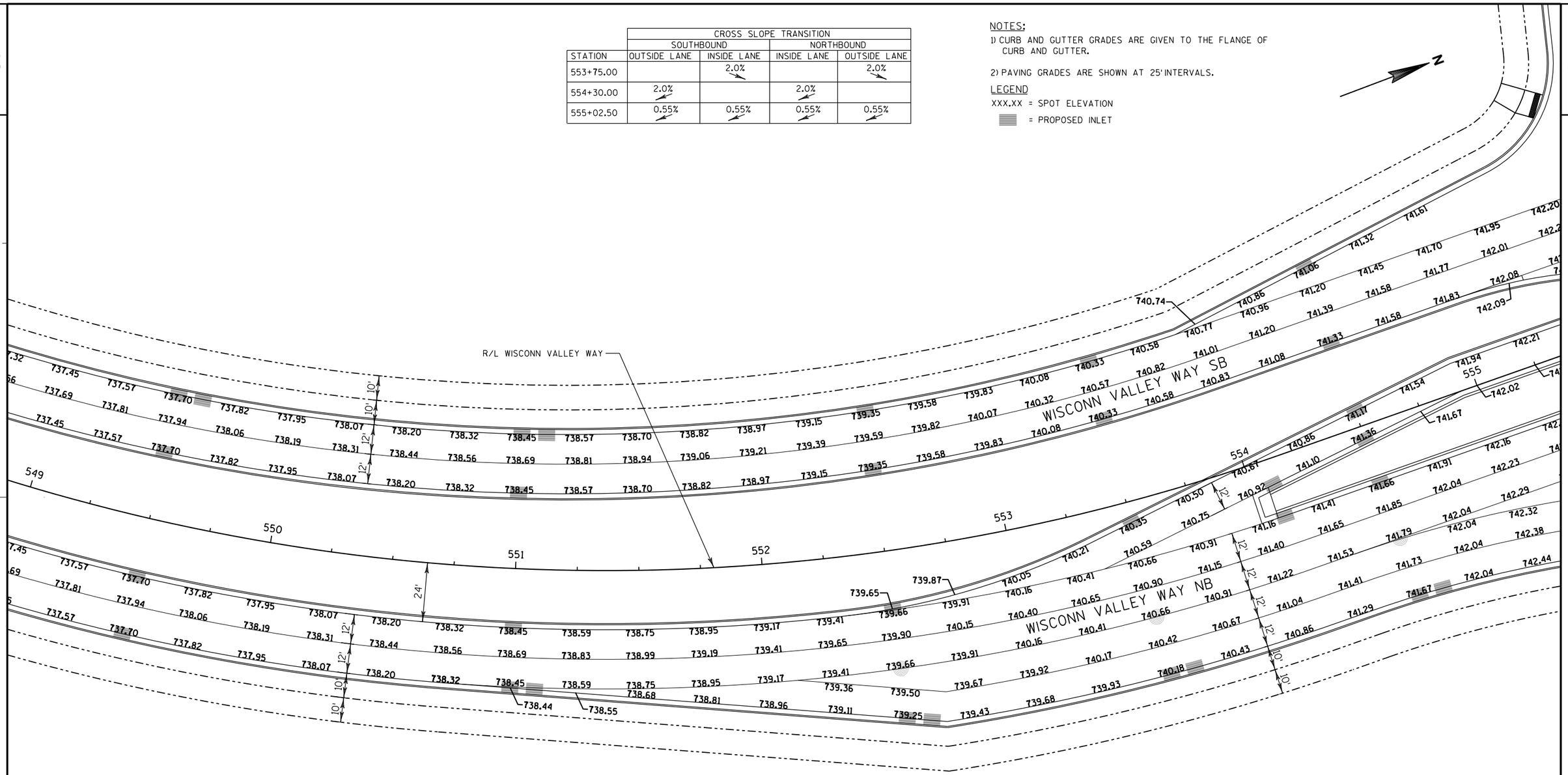
1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

▒ = PROPOSED INLET



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

NOTES:

1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

3) SEE BRAUN ROAD PAVING GRADES FOR ADDITIONAL INFORMATION.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET

	CROSS SLOPE TRANSITION			
	SOUTHBOUND		NORTHBOUND	
STATION	OUTSIDE LANE	INSIDE LANE	INSIDE LANE	OUTSIDE LANE
557+50.00	0.55% ↙	0.55% ↙	0.55% ↙	0.55% ↙
557+94.95	2.0% ↙		2.0% ↙	
558+29.05		2.0% ↘		2.0% ↘

N

BRAUN RD

WISCONN VALLEY WAY SB

WISCONN VALLEY WAY NB

R/L WISCONN VALLEY WAY

68BRE 68BRW 69BRE 69BRW 70BRE 70BRW 71BRE 71BRW

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

NOTES:

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LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET

N

R/L WISCONN VALLEY WAY

WISCONN VALLEY WAY SB

WISCONN VALLEY WAY NB

561 562 563 564 565 566 567

10' 12' 12' 10' 24' 48'

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

NOTES:

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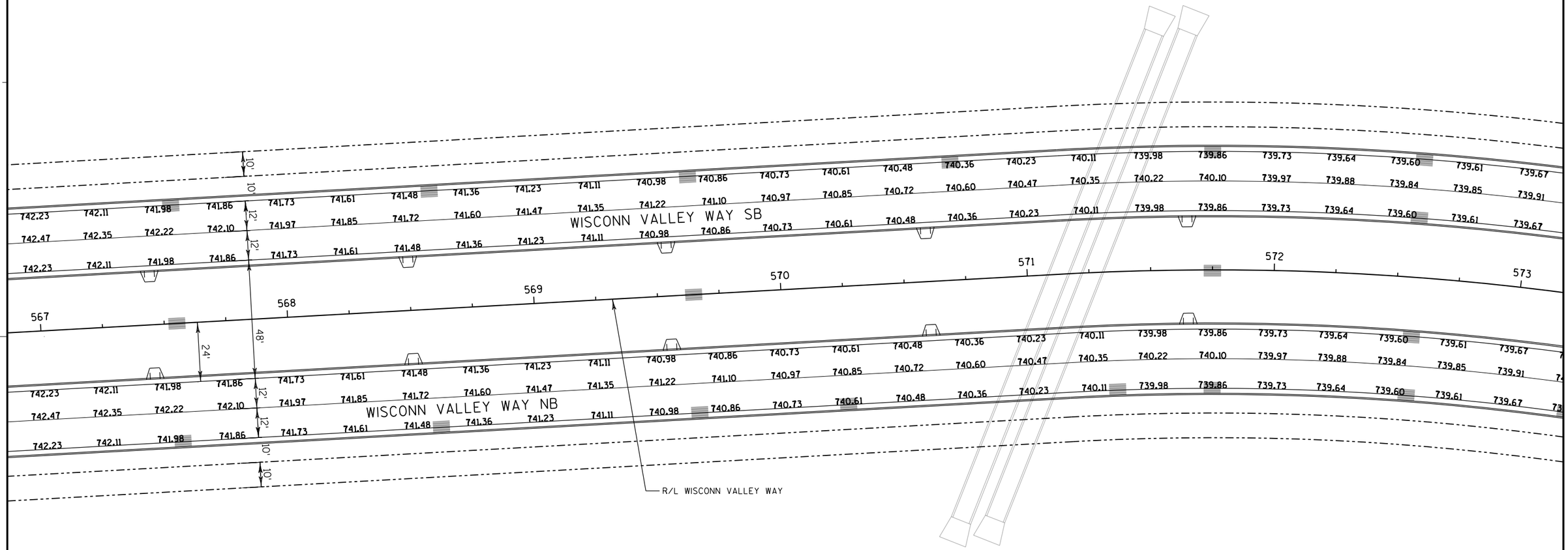
2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

NOTES:

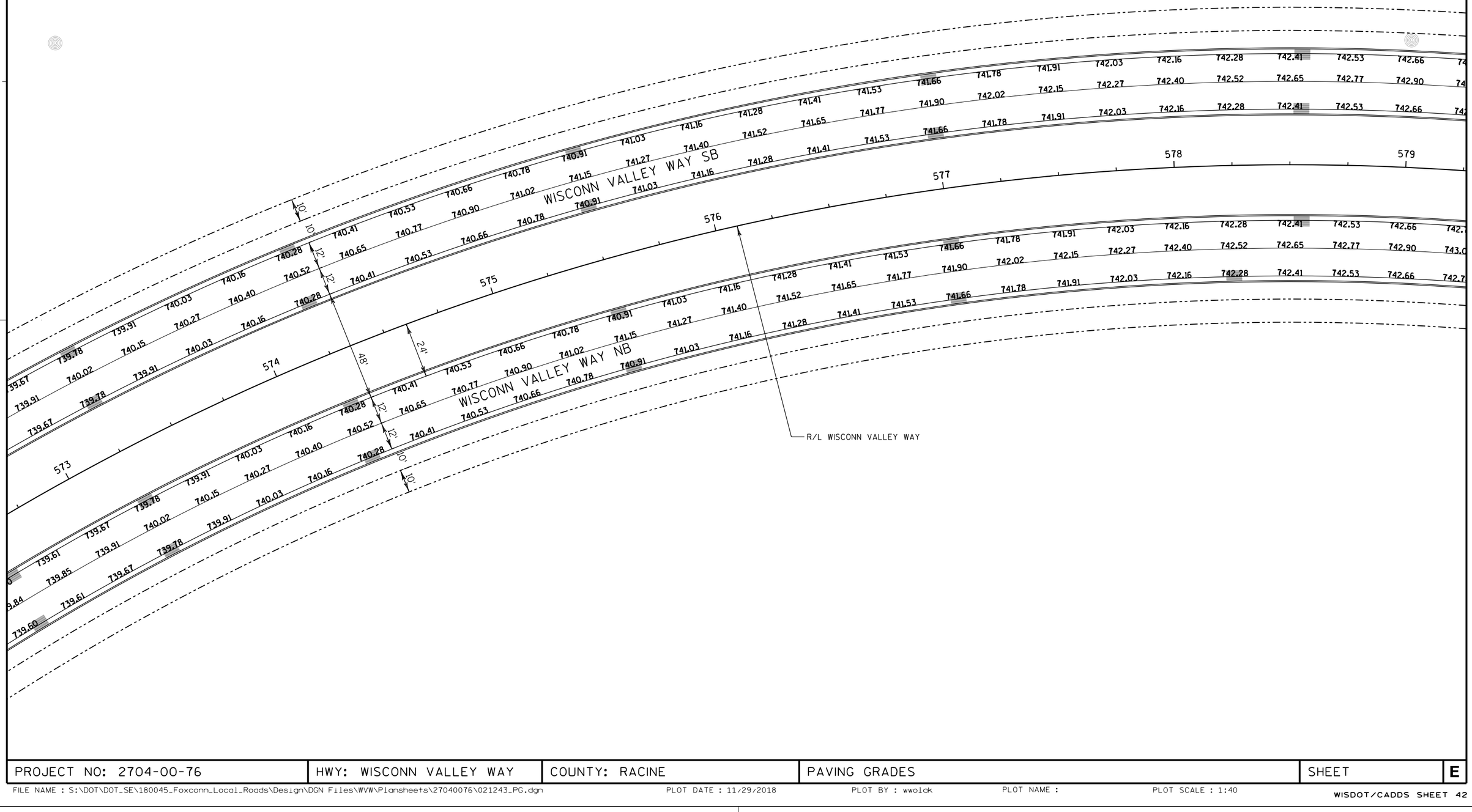
1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

NOTES:

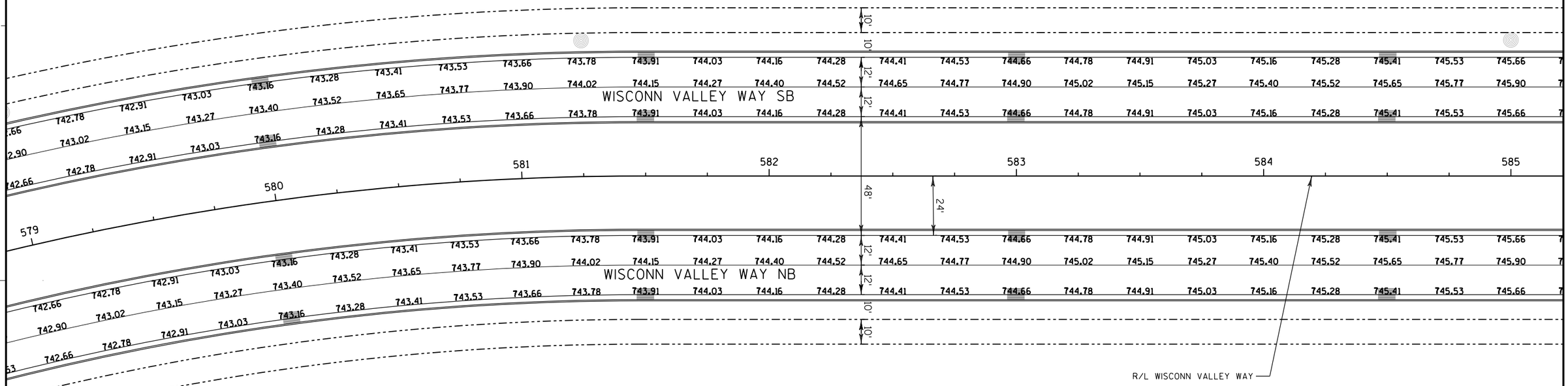
1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

NOTES:

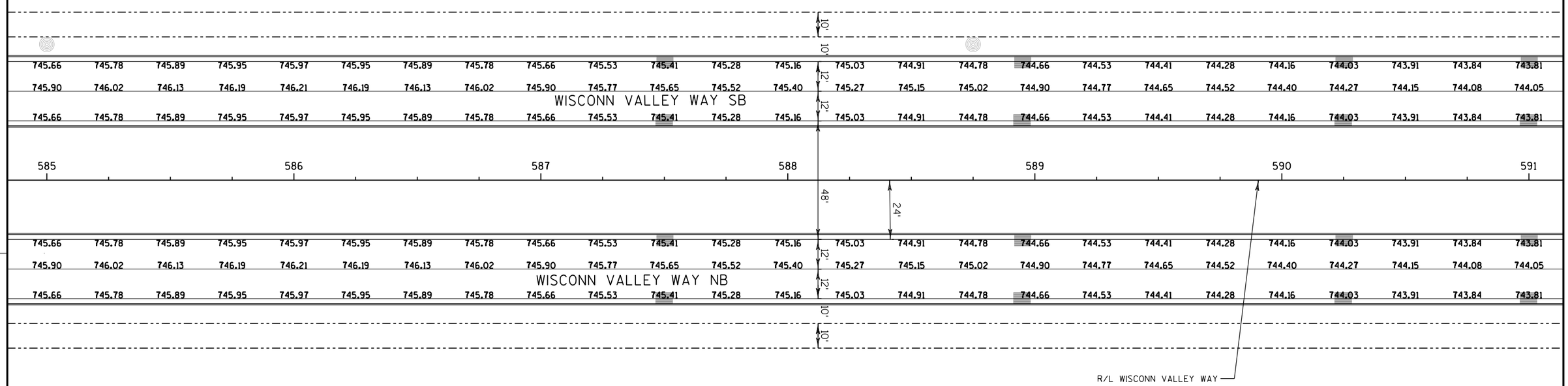
1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

NOTES:

1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET

N

R/L WISCONN VALLEY WAY

WISCONN VALLEY WAY SB

WISCONN VALLEY WAY NB

591 592 593 594 595 596 597

743.81 743.84 743.91 744.03 744.16 744.28 744.41 744.53 744.66 744.78 744.91 745.03 745.16 745.28 745.41 745.53 745.66 745.78 745.91 746.03 746.16 746.30 746.48 746.67 746.89 747.14

744.05 744.08 744.15 744.27 744.40 744.52 744.65 744.77 744.90 745.02 745.15 745.27 745.40 745.52 745.65 745.77 745.90 746.02 746.15 746.27 746.40 746.54 746.72 746.91 747.13 747.38

743.81 743.84 743.91 744.03 744.16 744.28 744.41 744.53 744.66 744.78 744.91 745.03 745.16 745.28 745.41 745.53 745.66 745.78 745.91 746.03 746.16 746.30 746.48 746.67 746.89

744.05 744.08 744.15 744.27 744.40 744.52 744.65 744.77 744.90 745.02 745.15 745.27 745.40 745.52 745.65 745.77 745.90 746.02 746.15 746.27 746.40 746.52 746.65 746.80 746.97

743.81 743.84 743.91 744.03 744.16 744.28 744.41 744.53 744.66 744.78 744.91 745.03 745.16 745.28 745.41 745.53 745.66 745.78 745.91 746.03 746.16 746.28 746.41 746.56 746.73

10' 10' 12' 12' 48' 24' 12' 12' 10' 10'

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\021246_PG.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:40

NOTES:

1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25'INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET

N

WISCONN VALLEY WAY SB

WISCONN VALLEY WAY NB

R/L WISCONN VALLEY WAY

597 598 599 600 601 602 603

10' 10' 12' 12' 48' 24' 12' 12' 10' 10'

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

CROSS SLOPE TRANSITION				
	SOUTHBOUND		NORTHBOUND	
STATION	OUTSIDE LANE	INSIDE LANE	INSIDE LANE	OUTSIDE LANE
604+00.00	2.0% ↙		2.0% ↙	
604+50.00		2.0% ↘		2.0% ↘
605+25.00	0.5% ↙	0.5% ↙	0.5% ↙	0.5% ↘

NOTES:

1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25' INTERVALS.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET

N

STH 11

WISCONN VALLEY WAY SB

WISCONN VALLEY WAY NB

END PROJECT 2704-00-76
STA 605+29.12

R/L WISCONN VALLEY WAY

603 604 605 606

157 158 159 160

752.89	753.14	753.39	753.64	753.89	754.20	754.51	754.76	755.01	755.26
753.13	753.38	753.63	753.88	754.13	754.38	754.63	754.82	755.01	755.20
752.89	753.14	753.39	753.64	753.89	754.14	754.39	754.64	754.89	755.14
752.49	752.68	752.91	753.16	753.41	753.72	754.03	754.34	754.65	754.96
752.65	752.90	753.15	753.40	753.65	753.90	754.15	754.40	754.65	754.90
752.89	753.14	753.39	753.64	753.89	754.08	754.27	754.46	754.65	754.84
752.65	752.90	753.15	753.40	753.65	753.84	754.03	754.27	754.49	754.73

754.50 754.74 755.01 755.31 754.81

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES	SHEET	E

2

2

N

BEGIN CONSTRUCTION
STA 54BRW+36.47
X=594561.83
Y=170407.23

BRAUN ROAD

R/L BRAUN ROAD WB

R/L BRAUN ROAD EB

MATCHLINE A 60BRE+15

BEGIN CONSTRUCTION
STA A 54BRE+36.41
X=594560.75
Y=170359.24

NOTES:

1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25' INTERVALS

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\71190_WCVW_PAVING_GRADES_BRAUN_ROAD_11x17.dgn 11/29/2018 1:34:04 PM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 40:1

2

N

743.44 743.10 742.76 742.41 742.07 741.73 741.39 741.05 740.71 740.39 740.13 739.93 739.79 739.71 739.69 739.72 739.82 739.96 740.10 740.23 740.37 740.51 740.65

743.68 743.34 743.00 742.65 742.31 741.97 741.63 741.29 740.95 740.63 740.37 740.17 740.03 739.95 739.93 739.96 740.06 740.20 740.34 740.47 740.61 740.75 740.89

743.92 743.58 743.24 742.89 742.55 742.21 741.87 741.53 741.19 740.87 740.61 740.41 740.27 740.19 740.17 740.20 740.30 740.44 740.58 740.71 740.85 740.99 741.13

744.16 743.82 743.48 61BRW 743.13 742.79 742.45 742.11 62BRW 741.77 741.43 741.11 740.85 63BRW 740.65 740.51 740.43 740.41 64BRW 740.44 740.54 740.68 740.82 65BRW 740.95 741.09 741.23 741.37

12' 12' 12'

48'

R/L BRAUN ROAD WB

BRAUN ROAD

R/L BRAUN ROAD EB

MATCHLINE A 60BRE+15

744.65 744.31 743.97 743.63 743.28 742.94 742.60 742.26 741.92 741.58 741.26 741.00 740.79 740.65 740.57 740.55 740.53 740.56 740.64 740.71 740.79 740.86 740.94

61BRE 62BRE 63BRE 64BRE

744.41 744.07 743.73 743.39 743.04 742.70 742.36 742.02 741.68 741.34 741.02 740.76 740.55 740.41 740.33 740.31 740.59 740.69 740.82 740.96 741.03 741.10 741.18

65BRE

744.17 743.83 743.49 743.15 742.80 742.46 742.12 741.78 741.44 741.10 740.78 740.52 740.31 740.17 740.09 740.07 740.11 740.21 740.34 740.48 740.62 740.76 740.89

743.93 743.59 743.25 742.91 742.56 742.22 741.88 741.54 741.20 740.86 740.54 740.28 740.07 739.93 739.85 739.83 739.87 739.97 740.10 740.24 740.38 740.52 740.65

12' 12' 12'

740.31 740.39 740.46

MATCHLINE A 65BRE+85

NOTES:

1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25' INTERVALS

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW_PLOT_BRAUN_13021.pzg dgn 29 Oct 2018 1:34:08 PM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 40:1

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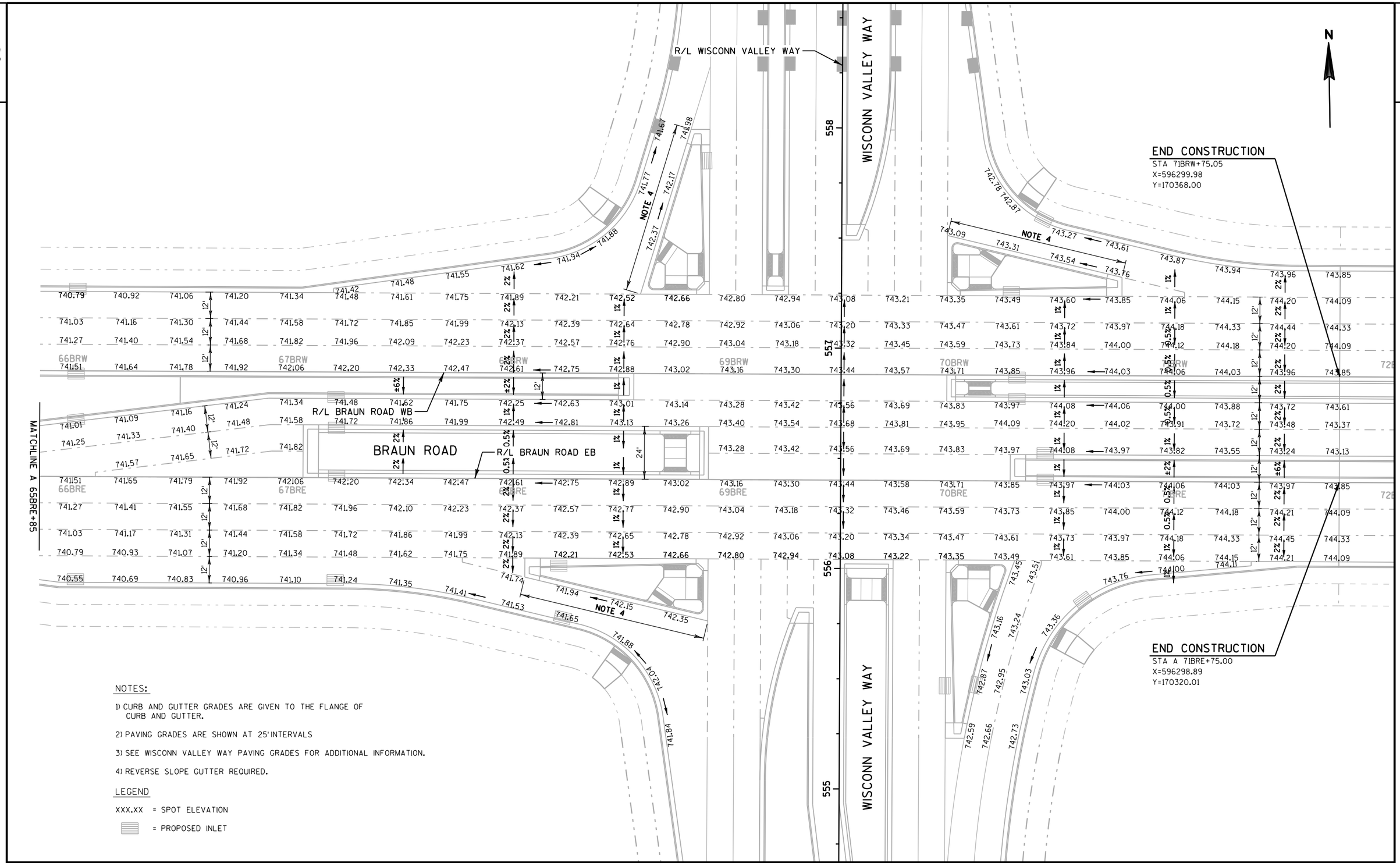


NOTES:

1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.

2) PAVING GRADES ARE SHOWN AT 25' INTERVALS

3) SEE WISCONN VALLEY WAY PAVING GRADES FOR ADDITIONAL INFORMATION.

4) REVERSE SLOPE GUTTER REQUIRED.

LEGEND

XXX.XX = SPOT ELEVATION

= PROPOSED INLET

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVING GRADES: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTDWG\71305_PAVGRD.dgn 12/28/2018 1:34:11 PM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 40:1

2

<u>GENERAL NOTES:</u>

THESE PLANS AND THE ASSOCIATED SPECIAL PROVISIONS REFLECT CONDITIONS KNOWN DURING THE DEVELOPMENT OF THE PLANS AND TECHNICAL SPECIAL PROVISIONS. ALL SCALES, DIMENSIONS AND LOCATIONS SHOWN IN THESE PLANS ARE APPROXIMATE. ACTUAL PHYSICAL FIELD CONDITIONS SHALL PROVIDE THE BASIS FOR THE APPLICATION OF WORK SHOWN IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE APPLICATION OF ALL WORK SHOWN IN THE PLANS TO THE ACTUAL PHYSICAL FIELD CONDITIONS TO PROVIDE A COMPLETE AND ACCEPTED PROJECT. IN THE EVENT THAT ACTUAL PHYSICAL FIELD CONDITIONS AFFECT OR PREVENT THE APPLICATION OR PROGRESSION OF ANY WORK SHOWN IN THE PLANS OR TECHNICAL SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, AND PRIOR TO ANY FURTHER WORK ACTIVITY. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY LOCATION CHANGES OTHER THAN MINOR ADJUSTMENTS.

BE AWARE THAT ALL EXISTING UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES WITHIN THE SCOPE OF THIS PROJECT MAY NOT BE LOCATED IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES.

BE AWARE THAT NO TEST BORINGS WERE MADE WHERE CONDUITS, PULLBOXES, POLES, CABINET FOUNDATIONS, OR OTHER EQUIPMENT IS TO BE INSTALLED. THE CONTRACTOR IS FULLY RESPONSIBLE FOR EXAMINING THE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS.

NO TREES (AND/OR SHRUBS) ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

AREAS WITHIN THE RIGHT-OF-WAY DISTURBED SPECIFICALLY FOR FTMS CONSTRUCTION ARE TO BE RESTORED TO THE ORIGINAL CONDITION WITH TOPSOIL, FERTILIZER, SEED, AND MULCH. RESTORATION FOR AREAS DISTURBED FOR OTHER CONSTRUCTION OPERATIONS BUT ALSO CONTAINING FTMS CONSTRUCTION WILL BE DONE ACCORDING TO REQUIREMENTS AND PAYMENT PROVISIONS FOR THE OTHER CONSTRUCTION OPERATIONS. NO PAYMENT WILL BE MADE FOR RESTORING AREAS DISTURBED FOR FTMS CONSTRUCTION OPERATIONS.

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

DUE TO RAMP, LANE, SHOULDER CLOSURE RESTRICTIONS, AND WORK UNDER OTHER CONTRACTS, SOME WORK MAY BE REQUIRED TO BE PERFORMED AT NIGHT.

THE CONTRACTOR IS FULLY RESPONSIBLE FOR COORDINATING RAMP, LANE, SHOULDER, AND ROADWAY CLOSURES WITH OTHER CONTRACTS IN THE AREA.

THE CONTRACTOR IS TO CONTACT THE WISDOT STATEWIDE TRAFFIC OPERATIONS CENTER AT (414) 227-2166 FIVE (5) WORKING DAYS PRIOR TO ENTERING ANY EXISTING WISDOT FTMS OR ITS CABINET.

HAND DIG TRENCHES CROSSING EXISTING CONDUIT CONTAINING FIBER OPTIC CABLE.

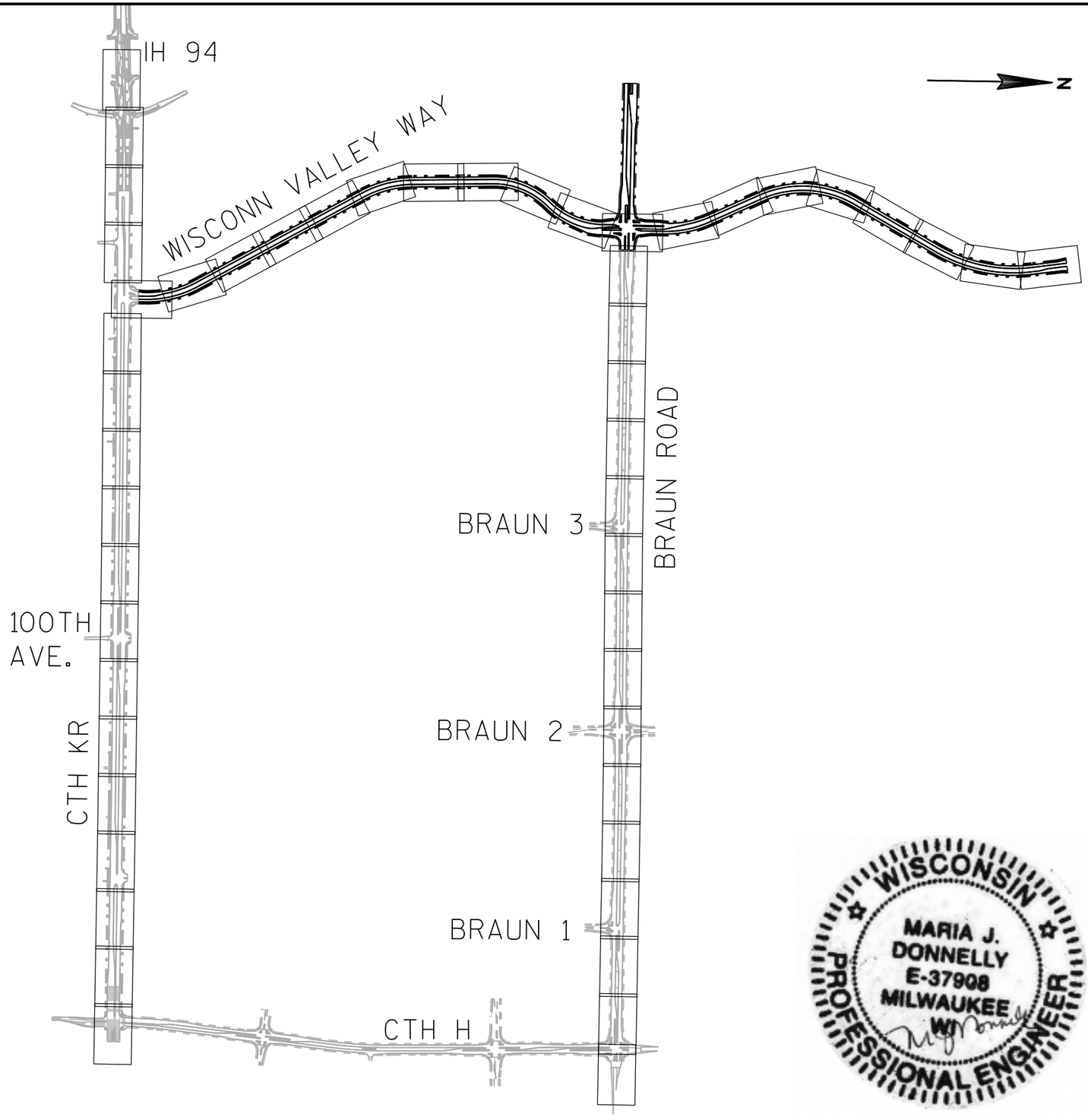
VISUALLY VERIFY DEPTHS OF EXISTING CONDUITS CONTAINING FIBER OPTIC CABLE PRIOR TO CROSSING BY DIRECTIONAL BORE OR SPECIAL METHOD.

INSTALL CONDUIT BELOW FUTURE MULTIUSE PATH SO AS NOT TO BE DISTURBED WHEN THE PATH IS CONSTRUCTED. INSTALL CONDUIT AND VAULTS AROUND PROPOSED IRRIGATION SYSTEM.

<u>FTMS STANDARD ABBREVIATIONS</u>

CCTV — CLOSED CIRCUIT TELEVISION SITE
CB — CONTROLLER CABINET
PB — PULL BOX
CV — COMMUNICATIONS VAULT
F.O. — FIBER OPTIC
FOC — FIBER OPTIC CABLE
EX — EXISTING

LEGEND	EXISTING	PROPOSED
FTMS CONVENTIONAL SYMBOLS		
FTMS (ITS) CONDUIT		
COMMUNICATIONS VAULT, TYPE 1		
CCTV CAMERA AND POLE		
POLE MOUNTED CABINET		
METER BREAKER PEDESTAL		
BREAKER DISCONNECT BOX		



WISCONSIN
MARIA J. DONNELLY
E-37908
MILWAUKEE
WI
PROFESSIONAL ENGINEER

2

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS - OVERVIEW	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PlanSet\2704007E1_2018FM_04e33.dgn PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 1200:1

WISDOT/CADDS SHEET 42

2

2

N

BRAUN ROAD

S51-1469

S51-1470

WISCONN VALLEY WAY

CTH H

CTH KR

100TH AVENUE

S51-1471

S51-1453

LEGEND

TRAFFIC SIGNAL

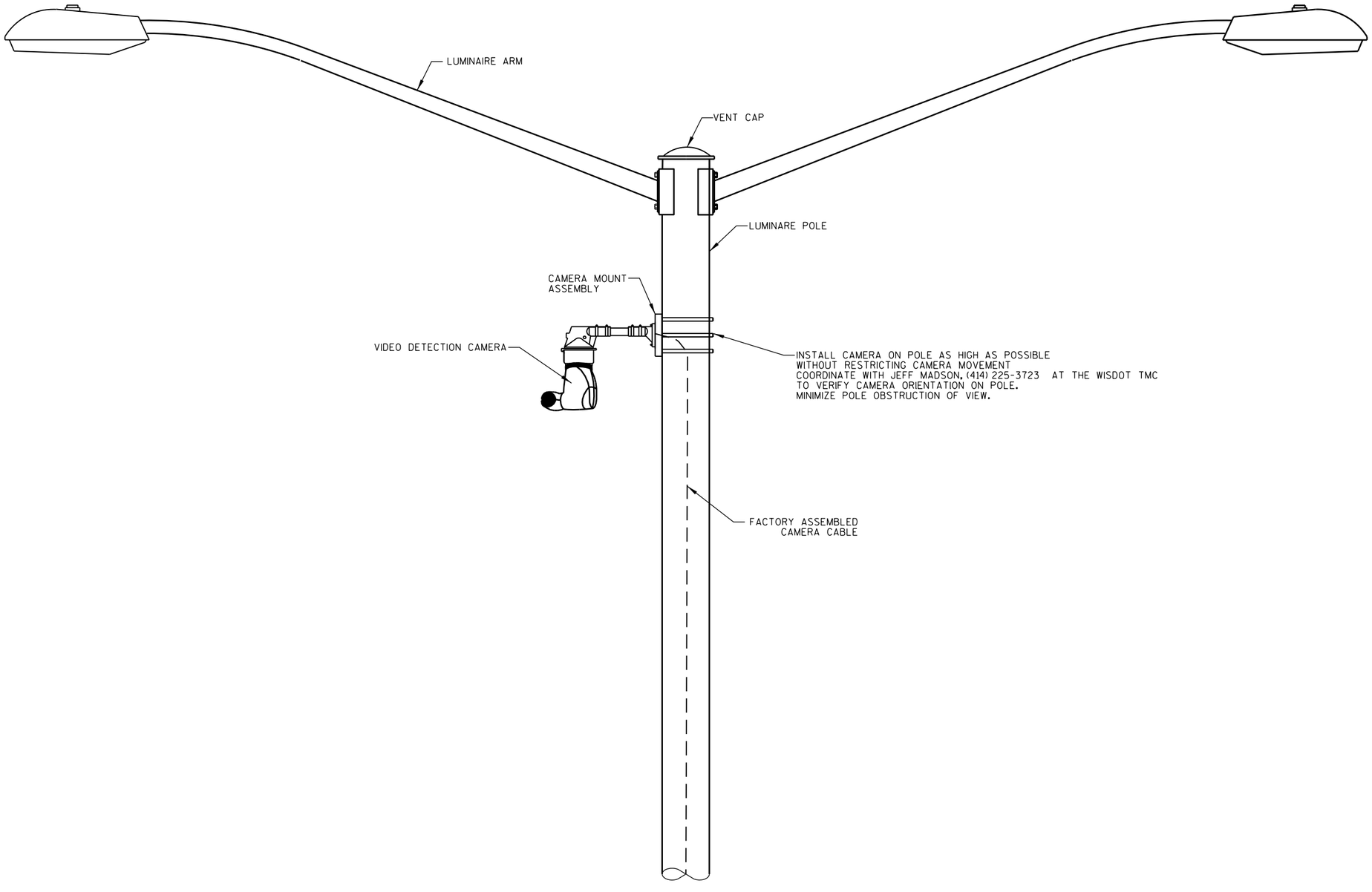
S51-XXXX

INSTALL PRE-TERMINATED PATCH PANEL IN TRAFFIC SIGNAL CABINET AND 8-CT SINGLE MODE FIBER OPTIC PIGTAIL IN CONDUIT

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	TRAFFIC SIGNAL INTERCONNECT PROJECT OVERVIEW	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\WCVW_Plot_Overview.dgn 8:55:13 AM PLOT BY : mjmay PLOT NAME : PLOT SCALE : 750:1

WISDOT/CADDS SHEET 42



CCTV MOUNTING DETAIL

(LUMINAIRE OR SIGNAL POLE MOUNT)

NOT TO SCALE

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS DETAILS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLT\CDWZ1401_fa7.dgn 6:44:41 PM PLOT BY : Mdonnelly PLOT NAME : $FILE$ PLOT SCALE : 2:1

2

KEY

PROPOSED / EXISTING (OR BY OTHERS) FUSION SPLICE

FIBER LEFT BARE

PROPOSED / EXISTING COMPONENT

PROPOSED 8 COUNT FOC PIGTAIL TO TRAFFIC SIGNAL CABINET

PROPOSED 72 COUNT FOC ON CTH KR

PROPOSED 72 COUNT FOC ON CTH KR (NEXT DIAGRAM AT EXCV805)

PROPOSED 72 COUNT FOC ON BRAUN ROAD (NEXT DIAGRAM AT EXCV123)

PROPOSED 72 COUNT FOC ON CTH KR

PROPOSED 72 COUNT FOC ON WISCONN VALLEY WAY

PROPOSED 24 COUNT FOC TO SOUTH IH 41 / 94 (BY OTHERS)

PROPOSED 24 COUNT FOC TO NORTH IH 41 / 94 (BY OTHERS)

PROPOSED 72 COUNT FOC ON WISCONN VALLEY WAY (NEXT DIAGRAM AT EXCV159)

COMMUNICATIONS VAULT (EXCV376)

FIBER OPTIC SPLICE ENCLOSURE (STATE-FURNISHED)

OTHER TUBES

ORANGE TUBE

OTHER TUBES STRANDS TO BE LEFT UNSPLICED

ORANGE/AQUA
ORANGE/ROSE
ORANGE/VIOLET
ORANGE/YELLOW
ORANGE/BLACK
ORANGE/RED
ORANGE/WHITE
ORANGE/SLATE
ORANGE/BROWN
ORANGE/GREEN
ORANGE/ORANGE
ORANGE/BLUE

ORANGE TUBE

OTHER TUBES STRANDS TO BE LEFT UNSPLICED

BLUE TUBE

OTHER TUBES

ORANGE TUBE

COMMUNICATIONS VAULT (EXCV411)

BLUE TUBE

FIBER OPTIC SPLICE ENCLOSURE (STATE-FURNISHED)

ORANGE TUBE

OTHER TUBES STRANDS TO BE LEFT UNSPLICED

OTHER TUBES

ORANGE TUBE

COMMUNICATIONS VAULT (EXCV01N)

ORANGE TUBE

OTHER TUBES

OTHER TUBES STRANDS TO BE LEFT UNSPLICED

FIBER OPTIC SPLICE ENCLOSURE (EXISTING)

ORANGE TUBE

BLUE TUBE

DO NOT DISTURB BLUE BUFFER TUBE

ORANGE TUBE

BLUE TUBE

COMMUNICATIONS VAULT (CV555)

FIBER OPTIC SPLICE ENCLOSURE (STATE-FURNISHED)

OTHER TUBES

ORANGE TUBE

PROPOSED 8 COUNT FOC PIGTAIL TO TRAFFIC SIGNAL CABINET

BLUE TUBE

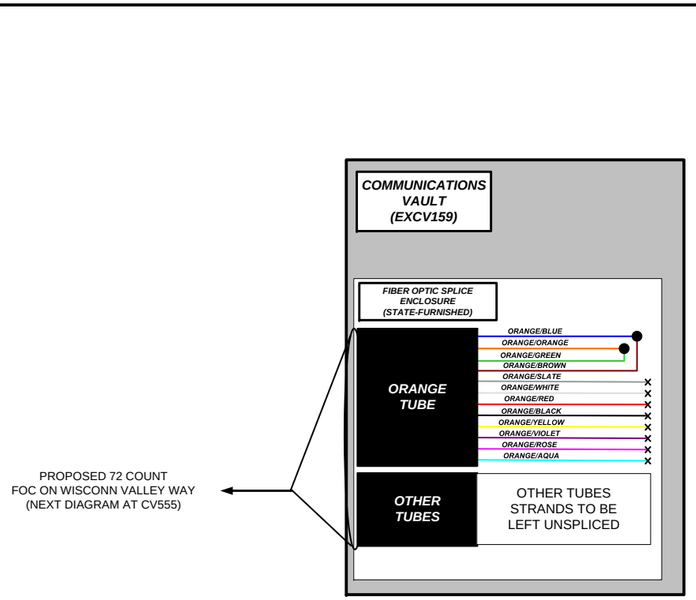
ORANGE TUBE

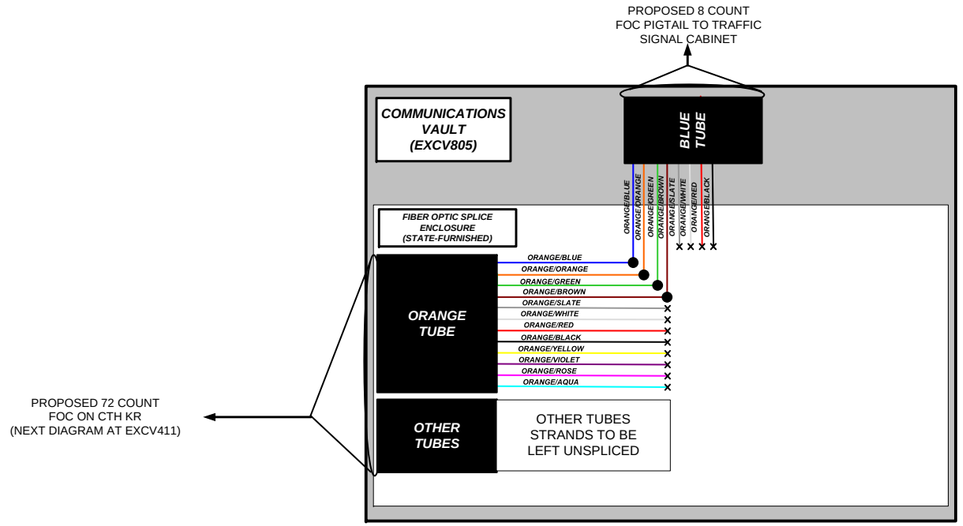
OTHER TUBES STRANDS TO BE LEFT UNSPLICED

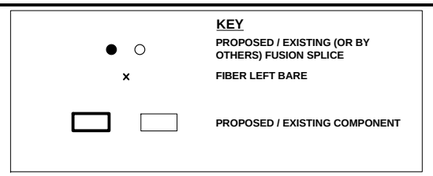
OTHER TUBES

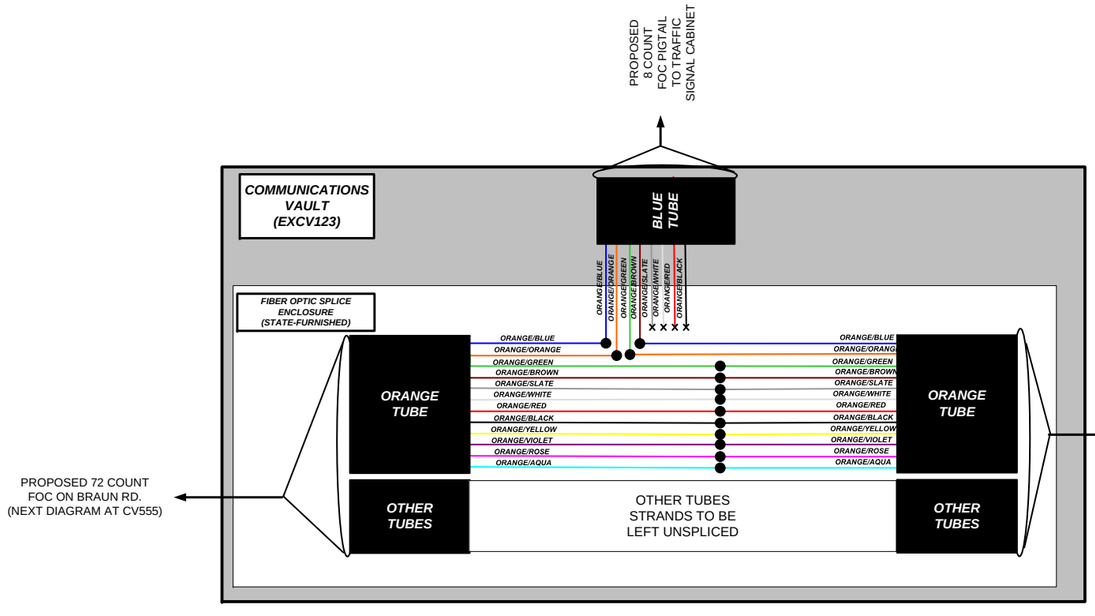
ORANGE TUBE

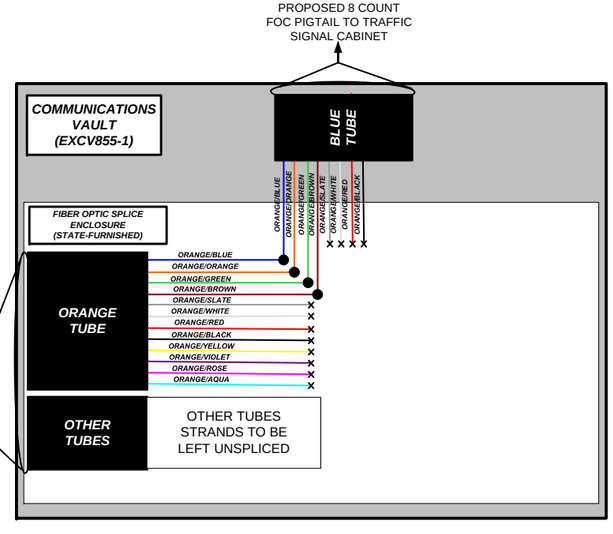
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	FTMS PLANS - COMMUNICATIONS DETAILS	SHEET	E











PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	FTMS PLANS - COMMUNICATIONS DETAILS	SHEET	E

2

MATCHLINE 373+50

N

EXCV374

374

I/C CV101

40'

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

500

501

502

503

504

WISCONN VALLEY WAY

MATCHLINE 504WCV+75

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

CV502
LOCATE EXISTING CONDUIT
INSTALLED WITH PROJECT ID 2704-00-77
AND INSTALL INTO PROPOSED VAULT

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

EXCV376
(14) F.O. SPLICES
IN SPLICE ENCLOSURE (S-F)

376

EXCV376L

CTH KR

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

MATCHLINE 373+50

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW14011_28.dgn 11/28/2018 1:43:46 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

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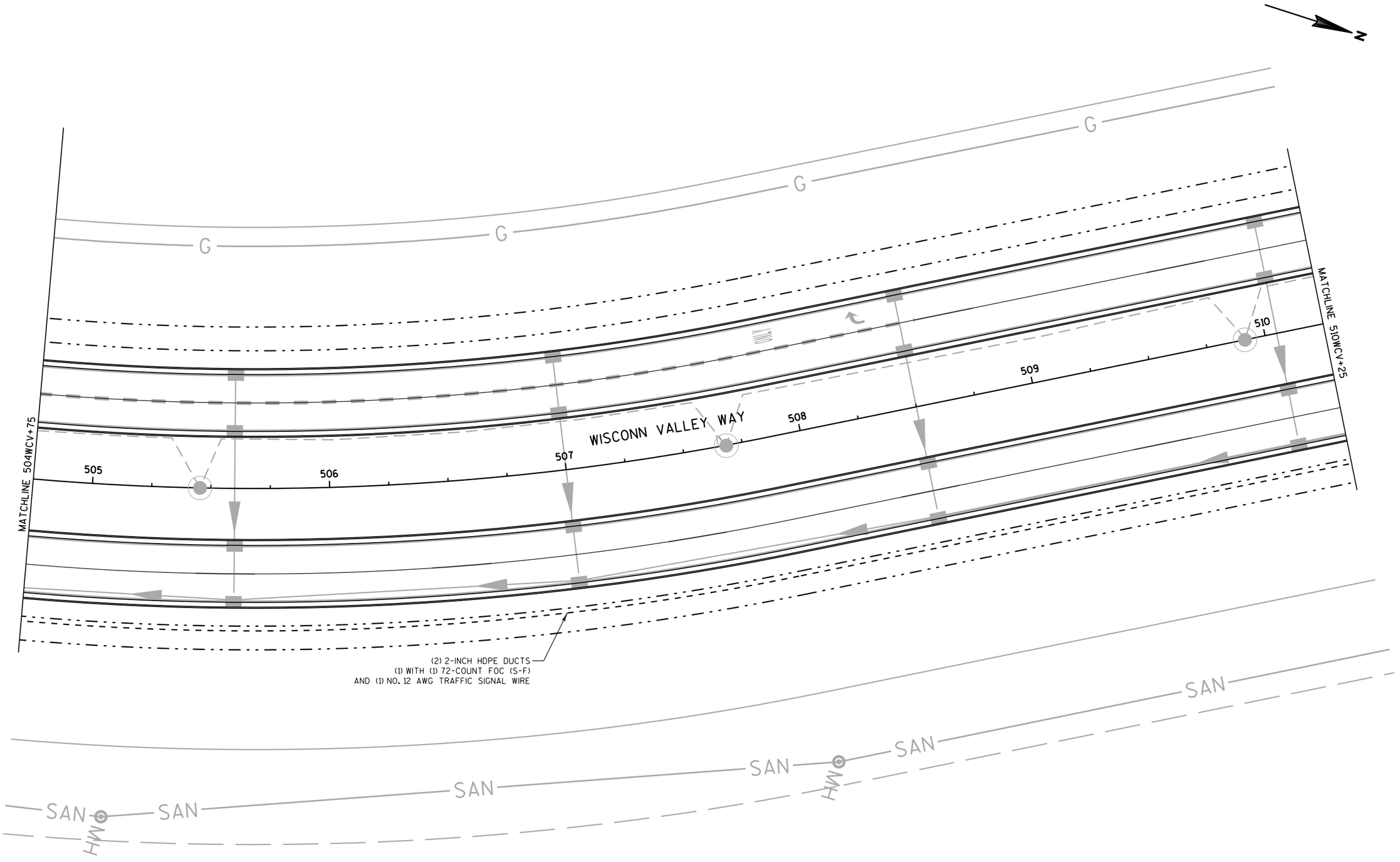

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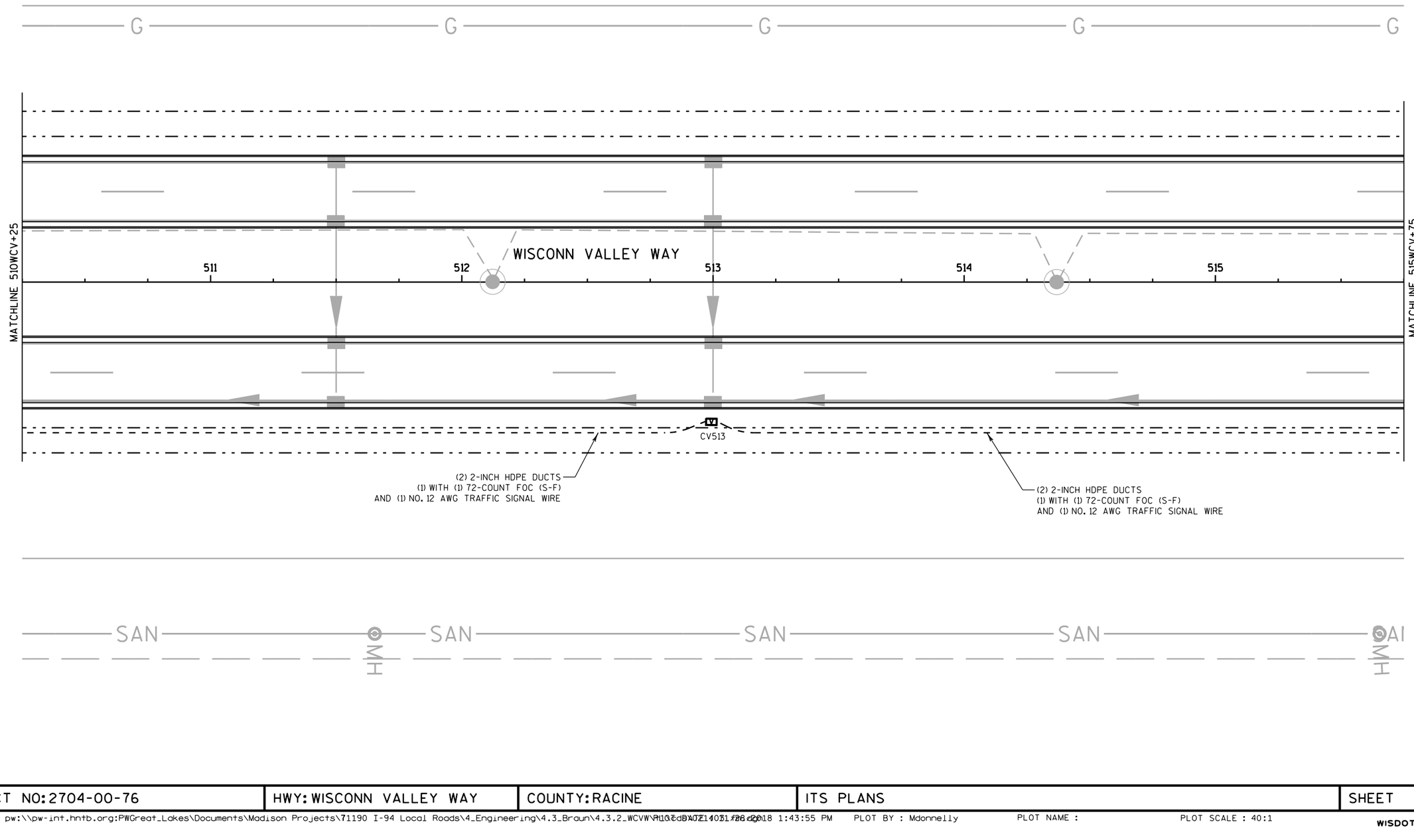
2



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

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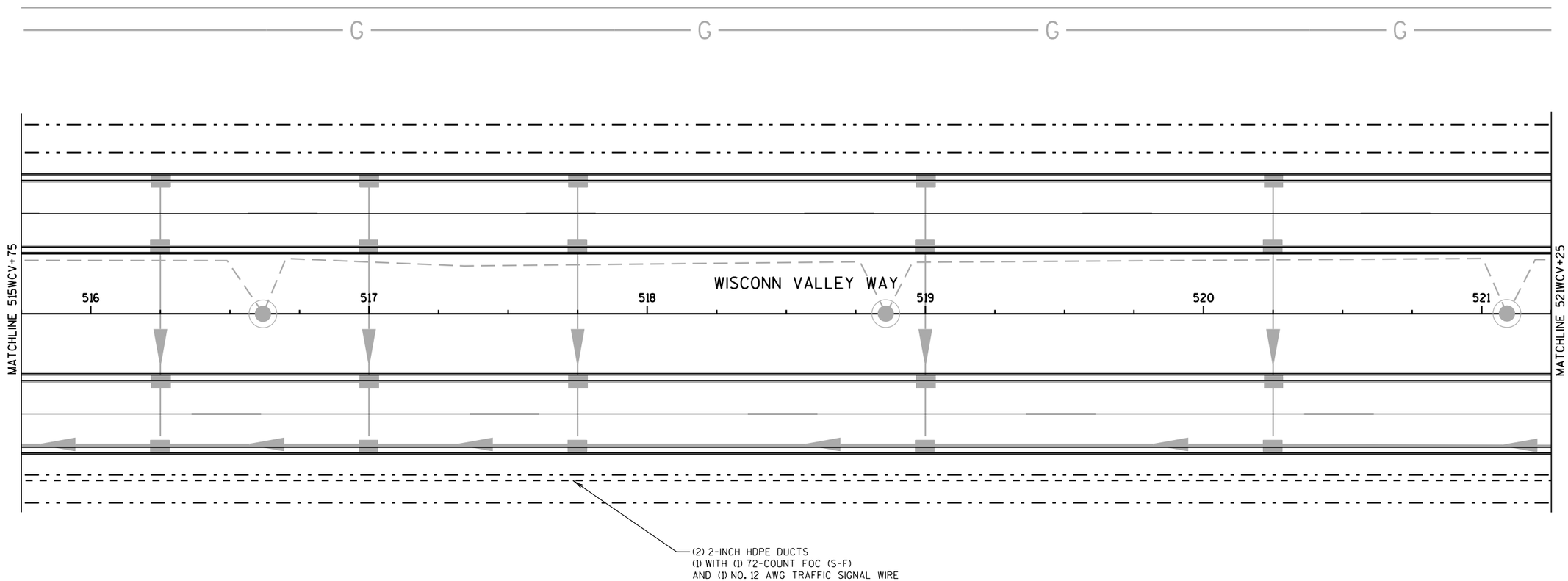

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

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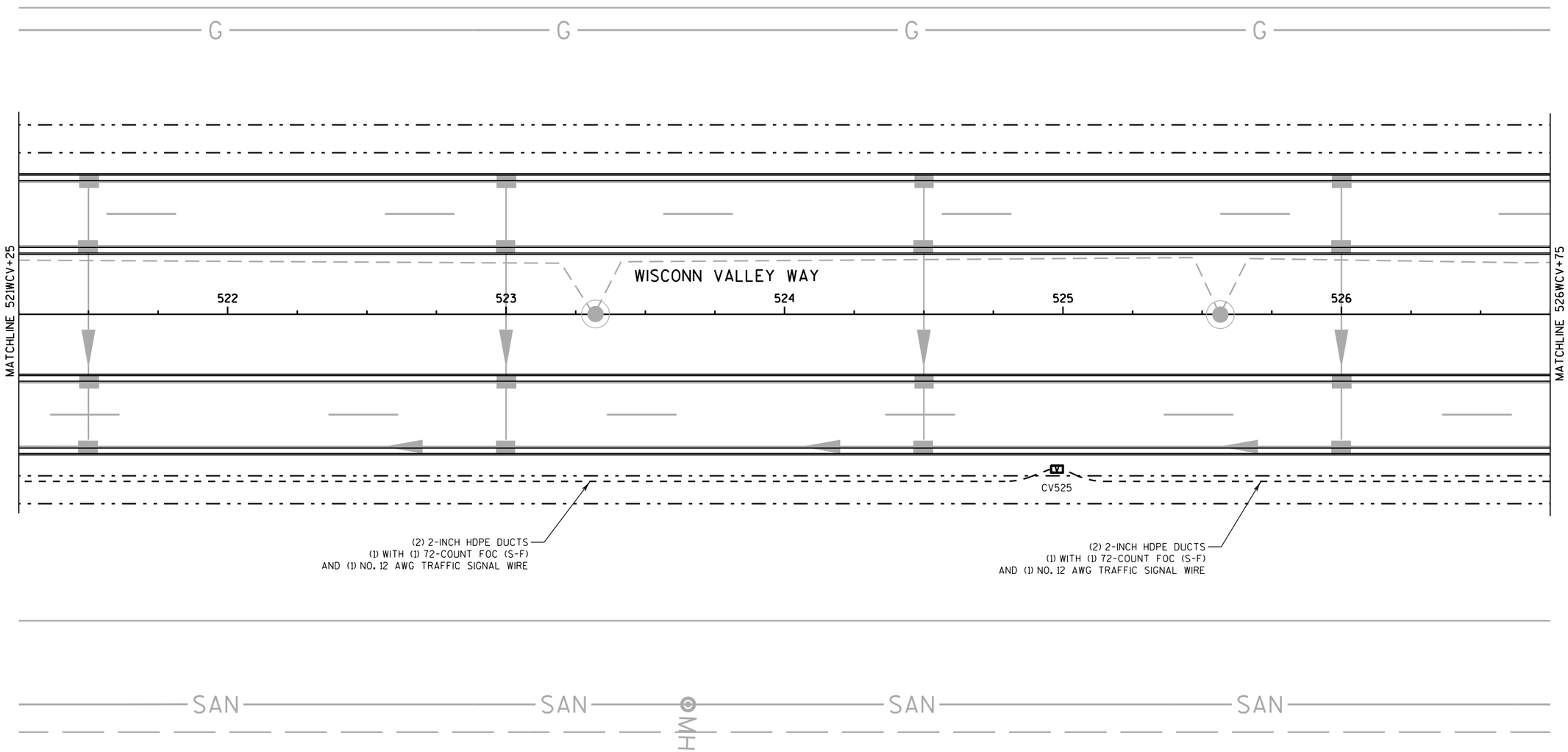

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2

2

N

G

G

G

G

G

SAN

WISCONN VALLEY WAY

527

528

529

530

531

532

MATCHLINE 526WCV+75

MATCHLINE 532WCV+25

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

SAN

SAN

SAN

SAN

SAN

MH

MH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTDWG\140161_28.dgn PLOT DATE : 28 Dec 2018 1:44:08 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

N

G G G G G

MATCHLINE 532WCV+25

533 534 535 WISCONN VALLEY WAY 536 537

MATCHLINE 538WCV+00

CV537

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

SAN SAN SAN SAN

MH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCV1407_ITS.dgn 11/28/2018 1:44:16 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

N

G G G G G

WISCONN VALLEY WAY

538

539

540

541

542

543

MATCHLINE 538WCV+00

MATCHLINE 543WCV+25

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

SAN SAN SAN SAN

MH MH

SAI

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\ITS\140181fs6.dgn 8/28/2018 1:44:24 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

2

N

WISCONN VALLEY WAY

544

545

546

547

548

MATCHLINE 543WCV+25

MATCHLINE 549WCV+00

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

CV549

G

SAN

MH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW1409_28.dgn 11/28/2018 1:44:32 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

N

G

G

G

G

MATCHLINE 549WCV+00

MATCHLINE 554WCV+25

549

550

551

552

553

554

WISCONN VALLEY WAY

CV549

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

SAN

SAN

SAN

SAN

MH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCZ141101.dgn PLOTTED ON : 11 Jan 2018 1:44:41 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

N

TRAFFIC SIGNAL CABINET

SB18

CAMERA ORIENTATION

CCTV-51-0231
INSTALL CAMERA CABLE
IN TRAFFIC SIGNAL CONDUIT
TO TRAFFIC SIGNAL CABINET
INCIDENTAL TO ITEM 677.0200
INSTALL CAMERA ASSEMBLY

MATCHLINE 554WCV+25

MATCHLINE 560WCV+00

555 556 557 558 559

69BRE 69BRW 70BRE 70BRW 71BRE 71BRW

CV555
(16) F.O. SPLICES
IN SPLICE ENCLOSURE (S-F)

CV558

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

EXCV71

BRAUN RD.

ONLY

MATCHLINE 71BRW+50

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\ITS\11128_2018 1:44:52 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

N

MATCHLINE 560WCV+00

MATCHLINE 565WCV+75

561

562

563

564

565

WISCONN VALLEY WAY

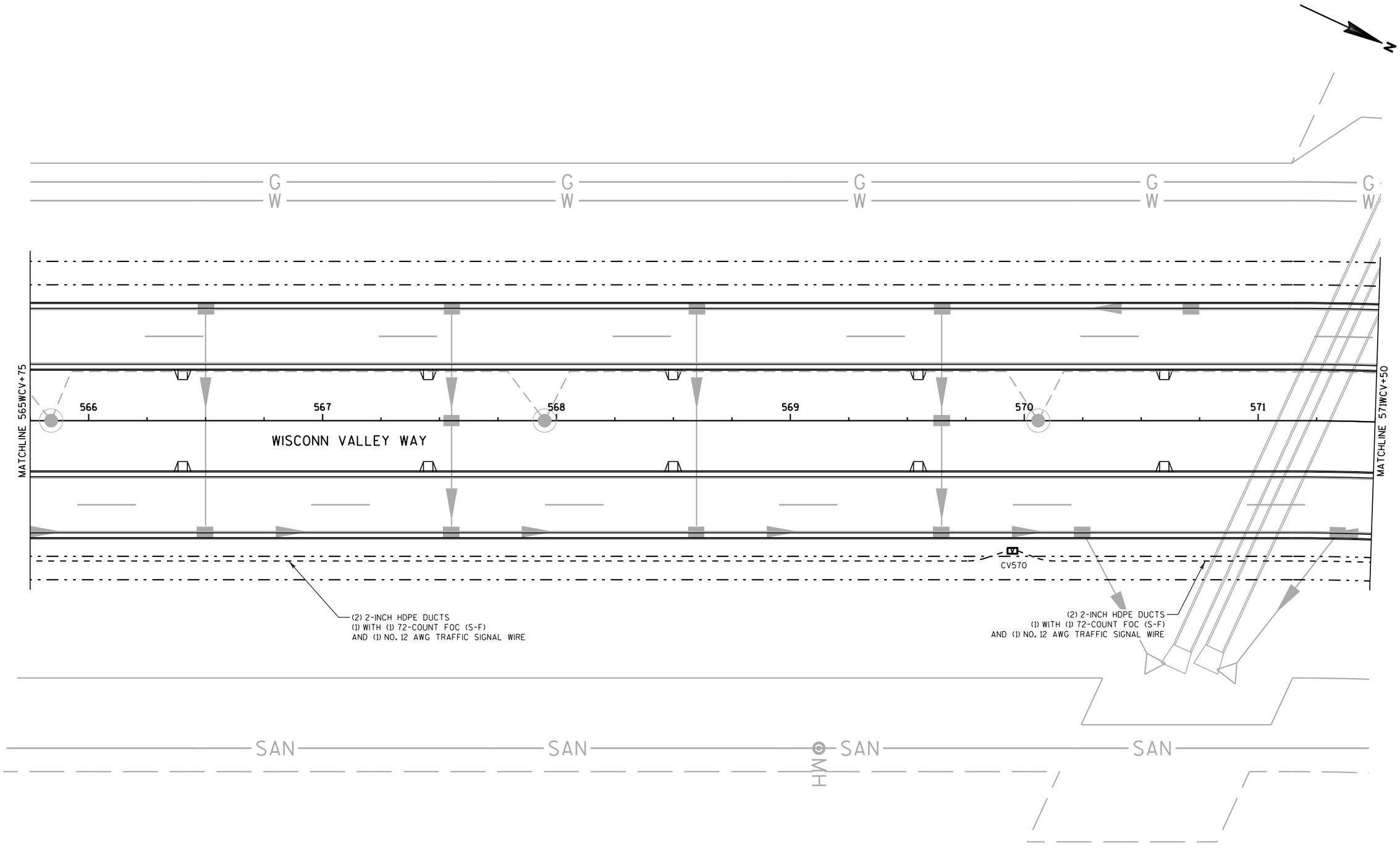
(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\WCV14121_sheet.dgn 12/28/2018 1:45:02 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW1411_28.dgn 11-28-2018 1:45:13 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

2

N

G
W

G
W

G
W

G
W

572

573

574

575

576

577

WISCONN VALLEY WAY

MATCHLINE 571WCV+50

MATCHLINE 577WCV+25

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

SAN

MH

SAN

SAN

SAN

MH

SAN

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW_PLOT_SHEET_11x17.dgn 28 2018 1:45:24 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

N

G
W

G
W

G
W

G
W

WISCONN VALLEY WAY

578

579

580

581

582

MATCHLINE 577WCV+25

MATCHLINE 582+50

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

CV582

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

SAN

SAN

MH

SAN

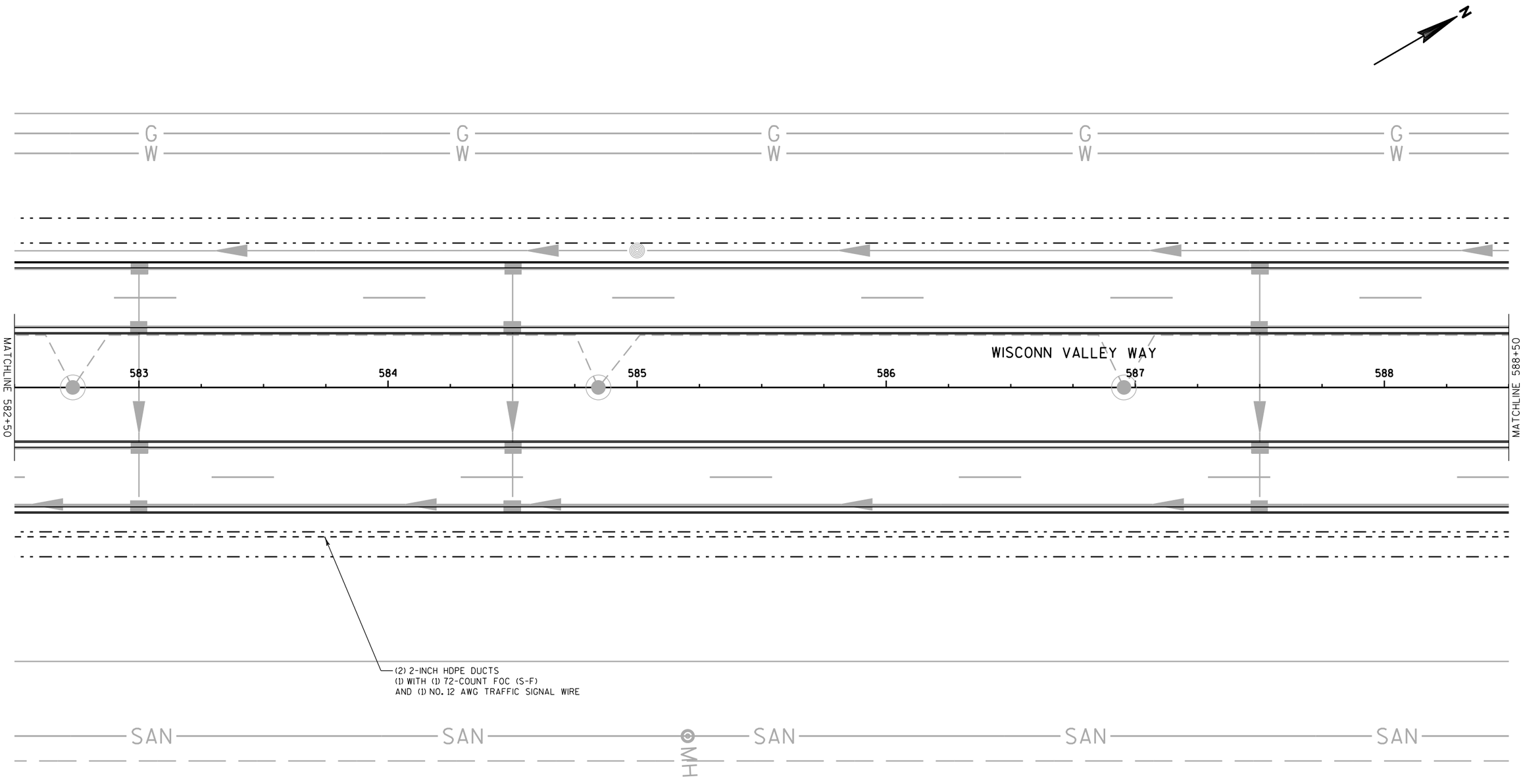
SAN

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\WCVW_ITS_Plans.dgn 11/15/2018 1:45:36 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

2

N

G
W

MATCHLINE 588+50

589

590

591

WISCONN VALLEY WAY

592

593

594

MATCHLINE 594+50

CV594

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

SAN

MH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW_ITS_PLANS_ALT1.dgn 28 Mar 2018 1:46:01 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

N

G
W
G
W
G
W
G
W

MATCHLINE 594+50

595

596

597

WISCONN VALLEY WAY

598

599

600

MATCHLINE 600+50

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\WCVW_ITS_Plans.dgn 11/28/2018 1:46:15 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

2

N

G W

WISCONN VALLEY WAY

MATCHLINE 600+50

601 602 603 604 605 606

STH 11

(2) 2-INCH HDPE DUCTS
(1) WITH (1) 72-COUNT FOC (S-F)
AND (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

CV605
LOCATE EXISTING CONDUIT
INSTALLED WITH PROJECT ID 1320-23-70
AND INSTALL INTO PROPOSED VAULT

IN 2-INCH HDPE DUCT
INSTALLED WITH PROJECT ID 1320-23-70
INSTALL (1) 72-COUNT FOC (S-F)

EXCV159
(2) F.O. SPLICES
IN F.O. SPLICE ENCLOSURE (S-F)

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW_ITS_PLANS.dgn 11/28/2018 1:46:28 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

IH 94 NB ENTRANCE RAMP

EXCV01N

(4) F.O. SPLICES IN EXISTING SPLICE ENCLOSURE

G

G

G

G

IN EXISTING CONDUIT
(1) 72-COUNT FOC (S-F)

CTH KR

MATCHLINE FM SHT 21

IH 94 SB

IH 94 NB

IN EXISTING CONDUIT
(1) 72-COUNT FOC (S-F)

IH 94 NB EXIT RAMP

IH 94 NB EXIT RAMP

EXCV01S

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW142017.dgn 7/2/2018 6:49:58 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

N

EAST FRONTAGE ROAD

G

E

CTH KR

MATCHLINE FM SHT 20

MATCHLINE FM SHT 22

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV02

OHOH

EAST FRONTAGE ROAD

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\ITS\14211fm1.dgn 7/2/2018 6:50:14 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

2

N

MATCHLINE FM SHT 21

CTH KR

365

366

367

MATCHLINE 367+50

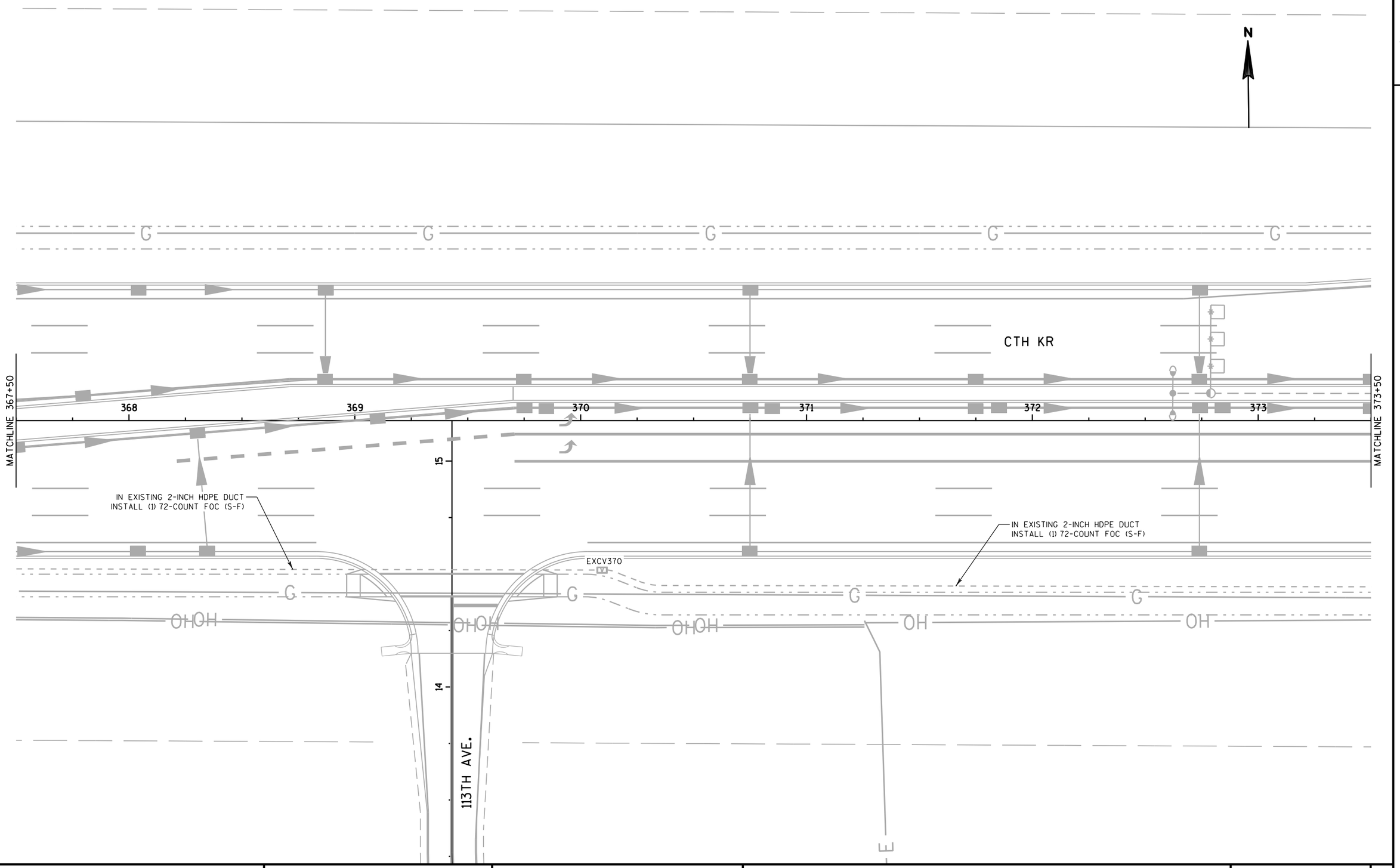
IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV364

PROJECT NO:2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY:RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW_ITS_PLANS_221_27.dgn 7/27/2018 6:50:31 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW14251.dgn 11/21/2018 6:50:50 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

N

SAN SAN SAN MH SAN SAI

G G G G

CTH KR

MATCHLINE 373+50

377 378 379 380 381 382 38

MATCHLINE 383+00

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

G G G G

OH OH OH OH OH OI

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW142141.dgn 7/2/2018 6:51:10 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

2

N

SAN

SAN

SAN

MH

SAN

G

G

G

G

G

CTH KR

MATCHLINE 383+00

383

384

385

386

387

388

389

MATCHLINE 389+00

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV389

G

G

G

G

G

OH

OH

OH

OH

OH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW14251.dgn 7/20/2018 6:51:29 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

N

SAN SAN SAN SAN SAN

MH

G G G G G

CTH KR

MATCHLINE 389+00

389 390 391 392 393 394 395

MATCHLINE 395+00

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV389

G G G G G

OH OH OH OH OH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW142E1.dgn 7/2/2018 6:51:47 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

N

SAN SAN SAN SAN MH SAN SAN

G G G G G G

CTH KR

MATCHLINE 395+00

395 396 397 398 399 400 401

MATCHLINE 401+00

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

G G G G G G G

OH OH OH OH OH OH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW_PLOT_SHEET_14271.dgn 7/2/2018 6:52:06 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

N

SAN

SAN

SAN

SAN

SAN

G

G

G

G

CTH KR

MATCHLINE 401+00

401

402

403

404

405

406

407

MATCHLINE 407+00

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV402

G

G

G

G

OH

OH

OH

OH

OH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW_ITS_SHEETS_ITS_PLANS.dgn 7/27/2018 6:52:25 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

N

SAN

SAN

SAN

SAN

SAN

MH

G

G

G

G

G

G

OH

OH

OH

OH

CTH KR

MATCHLINE 407+00

MATCHLINE 413+00

407

408

409

410

411

412

413

28

27

26

25

45°

25°

RE

RE 2

RE 3

EXCV410

EXCV411
(14) F.O. SPLICES
IN SPLICE ENCLOSURE (S-F)

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

CB1
(S51-1471)

INSTALL 8-COUNT FOC PIGTAIL
IN EXISTING CONDUIT

100TH AVE.

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW_PLOT_ITS_14291.dgn 27 Dec 2018 6:52:45 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

N

SAN SAN MH SAN SAN SAN

G G G G G

CTH KR

MATCHLINE 413+00

413 414 415 416 417 418 419

MATCHLINE 419+00

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

G G G G G

OH OH OH OH OH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\ITS\ITS01.dgn 7/2/2018 6:53:05 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

2

N

SAN SAN MH SAN SAN SAN

G G G G G

CTH KR

MATCHLINE 419+00

419 420 421 422 423 424 42

MATCHLINE 425+00

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV424

G G G G G

OH OH OH OH OH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCZ14311_27.dgn 6:53:25 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

N

SAN

SA

MH

SAN

SAN

SAN

G

G

G

G

CTH KR

425

426

427

428

429

430

431

MATCHLINE 425+00

MATCHLINE 431+00

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

G

G

G

G

G

G

OH

OH

OH

OH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW14321.dgn PLOT DATE : 7/2/2018 6:53:48 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

N

SAN SAN MH SAN SAN SAN

G G G G G G

KR-3

CTH KR

MATCHLINE 431+00

431 432 433 434 435 436 437

MATCHLINE 437+00

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV437

G G G G G G

OH OH OH OH OH OH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\WCVW14331.dgn 7/2/2018 6:54:11 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

N

SAN SAN MH SAN SAN SAN

G G G G G

CTH KR

MATCHLINE 437+00

437 438 439 440 441 442 443

MATCHLINE 443+00

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV437

G G G G G

OH OH OH OH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCE14341.dgn 7/2/2018 6:54:32 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

N

SAN SAN SAN SAN SAN

MH

G G G G G

CTH KR

MATCHLINE 443+00

443 444 445 446 447 448 449

MATCHLINE 449+00

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV447

G G G G G

OH OH OH OH OH

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW1435_27.dgn 7/2/2018 6:54:55 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

2

N

INSTALL 8-COUNT FOC PIGTAIL
IN EXISTING CONDUIT

CB1
(S51-1453)

EXCV805
(4) F.O. SPLICES
IN SPLICE ENCLOSURE (S-F)

CTH H

SAN

MH

CTH KR

MATCHLINE 449+00

449 450 451 452 453 454 455

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV803

45'

30'

ONLY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW143161.dgn 7/27/2018 6:55:11 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

N

G G G G G

W W W W W

MATCHLINE 71BRW+50

72BRW 73BRW 74BRW 75BRW 76BRW 77BRW

MATCHLINE 77BRW+50

BRAUN ROAD

72BRE 73BRE 74BRE 75BRE 76BRE 77BRE

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTDWG\ITS_PLANS.dgn 7/27/2018 6:55:23 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

N

G G G G G

W W W W W

W

MATCHLINE 77BRW+50

78BRW 79BRW 80BRW 81BRW 82BRW 83BRW

BRAUN ROAD

MATCHLINE 83BRW+50

78BRE 79BRE 80BRE 81BRE 82BRE 83BRE

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

W

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCE14391.dgn 7/2/2018 6:55:36 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

N

G G G G G

W W W W W

MATCHLINE 83BRW+50

84BRW 85BRW 86BRW 87BRW 88BRW 89BRW

MATCHLINE 89BRW+50

BRAUN ROAD

84BRE 85BRE 86BRE 87BRE 88BRE 89BRE

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV88

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW141_Plan.dgn 11/1/2018 6:55:50 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

N

G G G G

W W W W

MATCHLINE 89BRW+50

90BRW 91BRW 92BRW 93BRW 94BRW 95BRW

BRAUN ROAD

MATCHLINE 95BRW+50

90BRE 91BRE 92BRE 93BRE 94BRE 95BRE

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTDWGS\141127.dgn 11/27/2018 6:56:03 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

N

G G G G G

W W W W W

MATCHLINE 95BRW+50

96BRW 97BRW 98BRW 99BRW 100BRW 101BRW

BRAUN ROAD

MATCHLINE 101BRW+50

96BRE 97BRE 98BRE 99BRE 100BRE 101BRE

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV99

ONLY

1004FC1A

1004FC1B

1003FC1A

1003FC1B

BRAUN-3

W

G

E

F

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW14421.dgn 12/21/2018 6:56:18 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

N

G
W

MATCHLINE 101BRW+50

102BRW 103BRW 104BRW 105BRW 106BRW 107BRW

ONLY

BRAUN ROAD

MATCHLINE 107BRW+50

102BRE 103BRE 104BRE 105BRE 106BRE 107BRE

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV101

PROJECT NO:2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY:RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\ITS_PLANS.dgn 27 Jul 2018 6:56:41 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

N

G W

MATCHLINE 107BRW+50

108BRW 109BRW 110BRW 111BRW 112BRW 113BRW

BRAUN ROAD

MATCHLINE 113BRW+50

108BRE 109BRE 110BRE 111BRE 112BRE 113BRE

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV112

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCE14411_27.dgn 11/27/2018 6:57:07 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

2

N

G G G G

W W W W

MATCHLINE 113BRW+50

114BRW 115BRW 116BRW 117BRW 118BRW 119BRW

BRAUN ROAD

MATCHLINE 119BRW+50

114BRE 115BRE 116BRE 117BRE 118BRE 119BRE

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

G G G G

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCE14451.dgn 7/2/2018 6:57:35 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

2

N

BRAUN-2

400IN4A

400IN4B

BRAUN ROAD

MATCHLINE 119BRW+50

MATCHLINE 125BRW+50

120BRW 121BRW 122BRW 123BRW 124BRW 125BRW

120BRE 121BRE 122BRE 123BRE 124BRE 125BRE

ONLY

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV123
(14) F.O. SPLICES
IN SPLICE ENCLOSURE (S-F)

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

INSTALL 8-COUNT FOC PIGTAIL
IN EXISTING CONDUIT

CB1
(S51-1469)

3006FC2A

3006FC2B

3005FC2A

3005FC2B

BRAUN-2

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCZ144561.dgn 7/2/2018 6:58:03 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

N

G W

126BRW 127BRW 128BRW 129BRW 130BRW 131BRW

MATCHLINE 125BRW+50

MATCHLINE 131BRW+50

BRAUN ROAD

126BRE 127BRE 128BRE 129BRE 130BRE 131BRE

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW_ITS_PLANS.dgn 7/27/2018 6:58:32 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

N

G W G W G W G W

MATCHLINE 131BRW+50

132BRW 133BRW 134BRW 135BRW 136BRW 137BRW

BRAUN ROAD

MATCHLINE 137BRW+50

132BRE 133BRE 134BRE 135BRE 136BRE 137BRE

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV133

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

G G G G

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

2

2

N

G
W

MATCHLINE 137BRW+50

138BRW 139BRW 140BRW 141BRW 142BRW 143BRW

BRAUN ROAD

MATCHLINE 143BRW+50

138BRE 139BRE 140BRE 141BRE 142BRE 143BRE

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV141

BRAUN-1

5004FC3A 5004FC3B

5003FC3A 5003FC3B

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW141_72ct.dgn PLOT DATE : 11/21/2018 6:59:24 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

N

G W G W G W G W G W

MATCHLINE 143BRW+50

144BRW 145BRW 146BRW 147BRW 148BRW 149BRW

ONLY

BRAUN ROAD

MATCHLINE 149BRW+50

144BRE 145BRE 146BRE 147BRE 148BRE 149BRE

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV143

G G G G G

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW145101.dgn 7/2/2018 6:59:42 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

2

2

N

CTH H

BRAUN ROAD

MATCHLINE 149BRW+50

MATCHLINE 155BRW+50

150BRW 151BRW 152BRW 153BRW 154BRW 155BRW

150BRE 151BRE 152BRE 153BRE 154BRE 155BRE

SAN

TV

MH

30'

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

EXCV150

IN EXISTING 2-INCH HDPE DUCT
INSTALL (1) 72-COUNT FOC (S-F)

INSTALL 8-COUNT FOC PIGTAIL
IN EXISTING CONDUIT

EXCV855-1

EXCV855-1
(4) F.O. SPLICES
IN SPLICE ENCLOSURE (S-F)

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\DWZ14511.dwg 2/7/2018 6:59:58 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

2

N

MATCHLINE 155BRW+50

155BRW
156BRW
157BRW
158BRW
159BRW
160BRW
161BRW

BRAUN ROAD

156BRE
157BRE
158BRE
159BRE
160BRE
161BRE

CB1
(S51-1470)

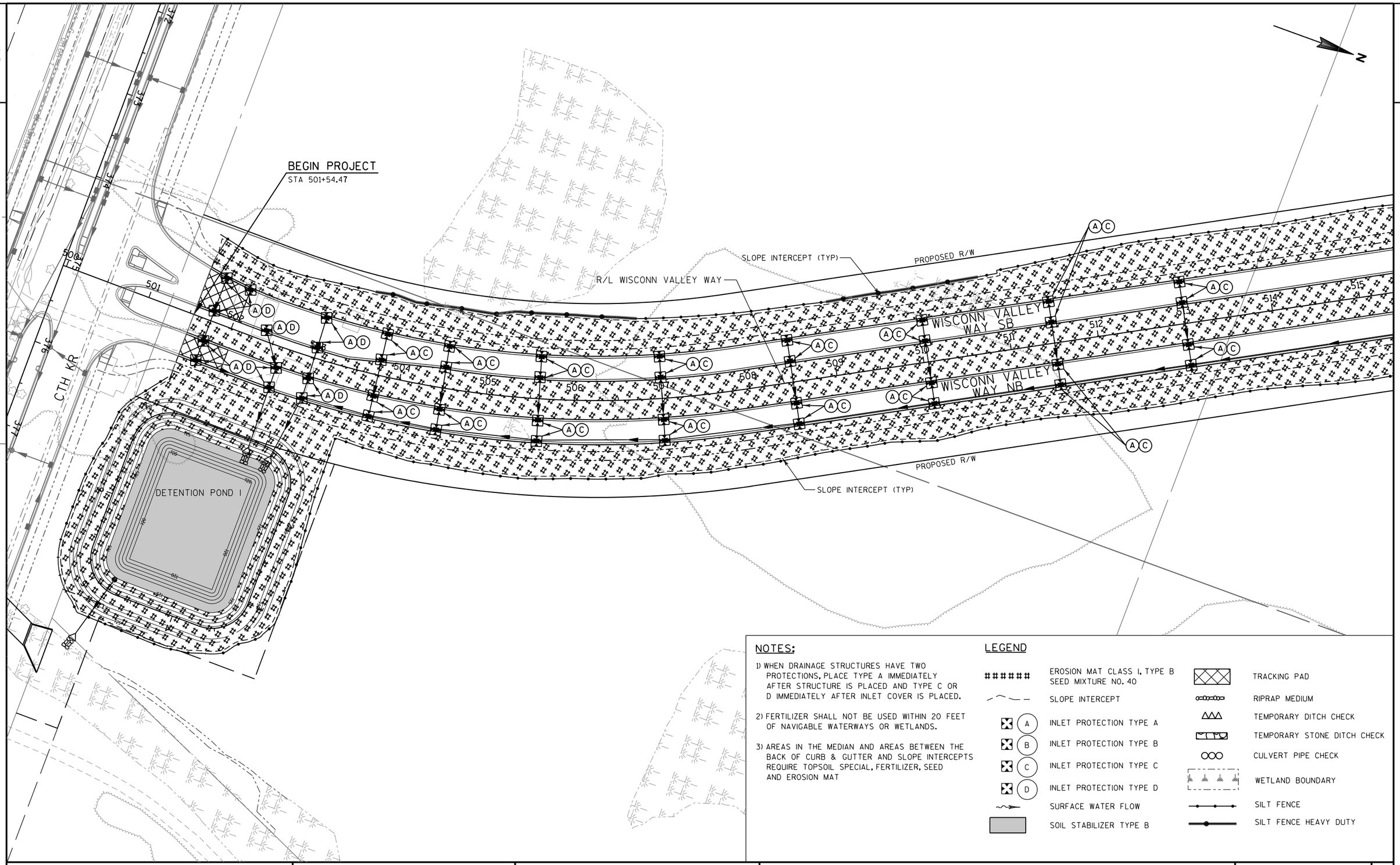
MH

EXCV855

INSTALL 8-COUNT FOC PIGTAIL
IN EXISTING CONDUIT

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ITS PLANS	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\WCVW_Plot_Sheets_14521.dgn 27 Dec 2018 7:00:14 PM PLOT BY : Mdonnelly PLOT NAME : PLOT SCALE : 40:1



NOTES:

1) WHEN DRAINAGE STRUCTURES HAVE TWO PROTECTIONS, PLACE TYPE A IMMEDIATELY AFTER STRUCTURE IS PLACED AND TYPE C OR D IMMEDIATELY AFTER INLET COVER IS PLACED.

2) FERTILIZER SHALL NOT BE USED WITHIN 20 FEET OF NAVIGABLE WATERWAYS OR WETLANDS.

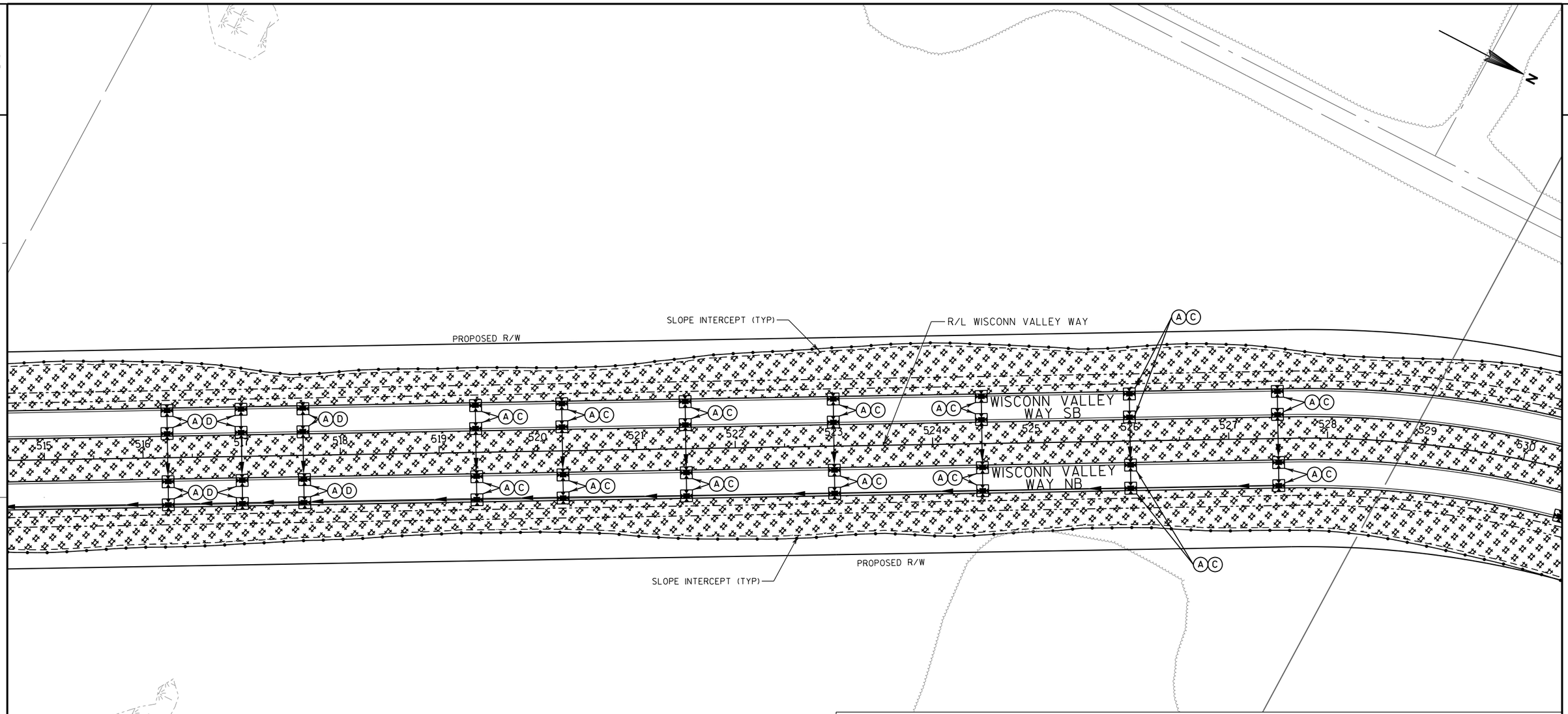
3) AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB & GUTTER AND SLOPE INTERCEPTS REQUIRE TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT

LEGEND

- EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- SURFACE WATER FLOW
- SOIL STABILIZER TYPE B
- TRACKING PAD
- RIPRAP MEDIUM
- TEMPORARY DITCH CHECK
- TEMPORARY STONE DITCH CHECK
- CULVERT PIPE CHECK
- WETLAND BOUNDARY
- SILT FENCE
- SILT FENCE HEAVY DUTY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	EROSION CONTROL PLAN	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\022001_EC.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:100



NOTES:

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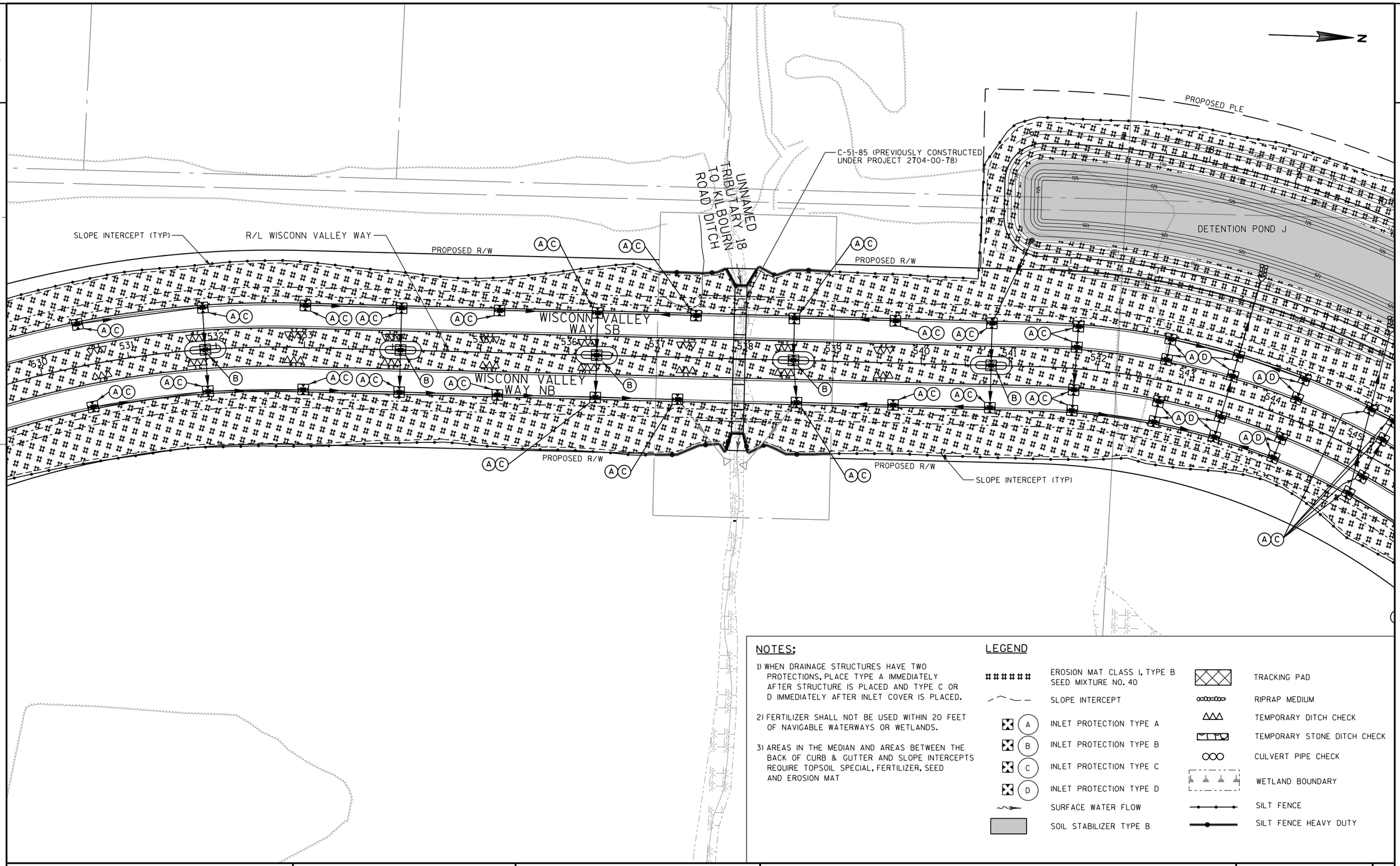
3) AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB & GUTTER AND SLOPE INTERCEPTS REQUIRE TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT

LEGEND

- EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- SURFACE WATER FLOW
- SOIL STABILIZER TYPE B
- TRACKING PAD
- RIPRAP MEDIUM
- TEMPORARY DITCH CHECK
- TEMPORARY STONE DITCH CHECK
- CULVERT PIPE CHECK
- WETLAND BOUNDARY
- SILT FENCE
- SILT FENCE HEAVY DUTY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	EROSION CONTROL PLAN	SHEET	E



NOTES:

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2) FERTILIZER SHALL NOT BE USED WITHIN 20 FEET OF NAVIGABLE WATERWAYS OR WETLANDS.

3) AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB & GUTTER AND SLOPE INTERCEPTS REQUIRE TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT

LEGEND

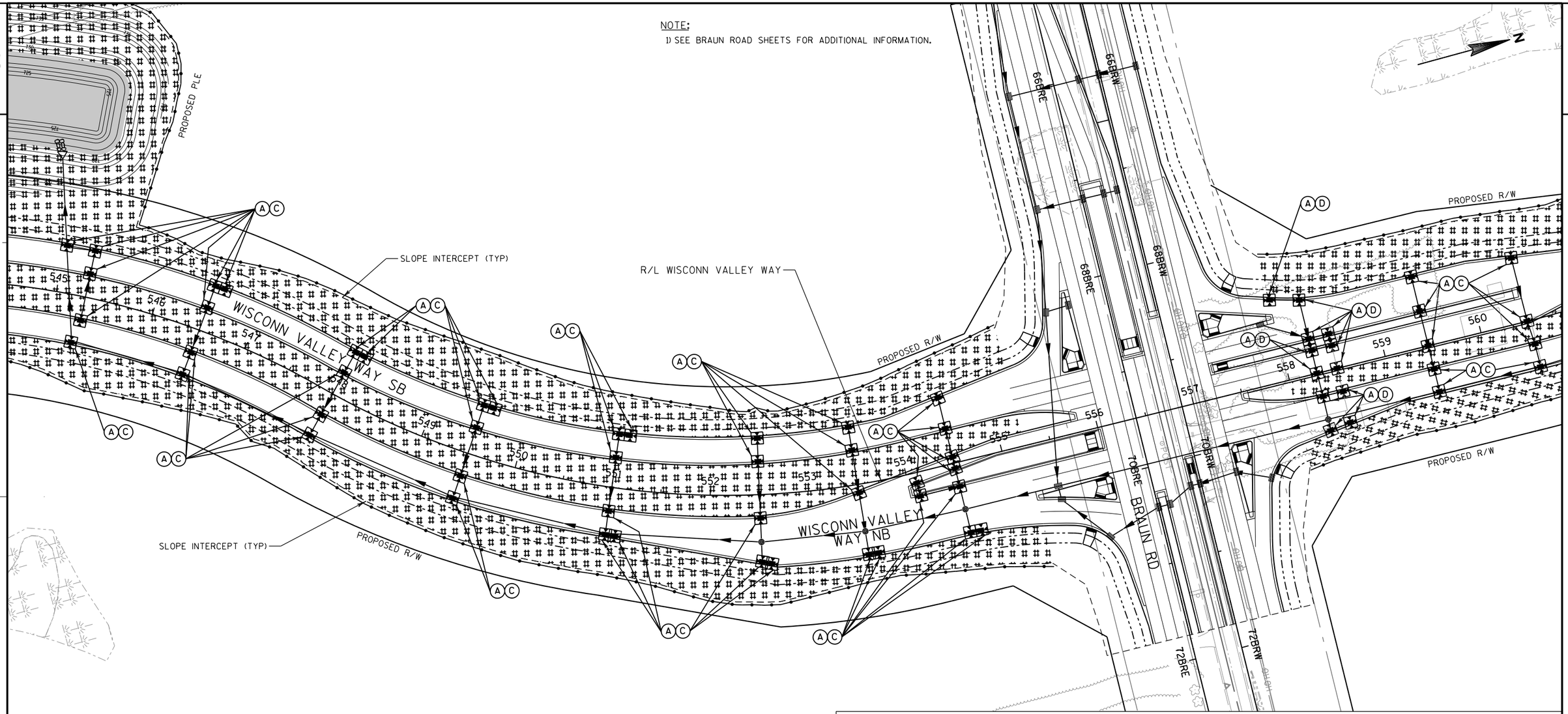
- EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- SURFACE WATER FLOW
- SOIL STABILIZER TYPE B
- TRACKING PAD
- RIPRAP MEDIUM
- TEMPORARY DITCH CHECK
- TEMPORARY STONE DITCH CHECK
- CULVERT PIPE CHECK
- WETLAND BOUNDARY
- SILT FENCE
- SILT FENCE HEAVY DUTY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	EROSION CONTROL PLAN	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\022003_EC.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:100

NOTE:

1) SEE BRAUN ROAD SHEETS FOR ADDITIONAL INFORMATION.



NOTES:

1) WHEN DRAINAGE STRUCTURES HAVE TWO PROTECTIONS, PLACE TYPE A IMMEDIATELY AFTER STRUCTURE IS PLACED AND TYPE C OR D IMMEDIATELY AFTER INLET COVER IS PLACED.

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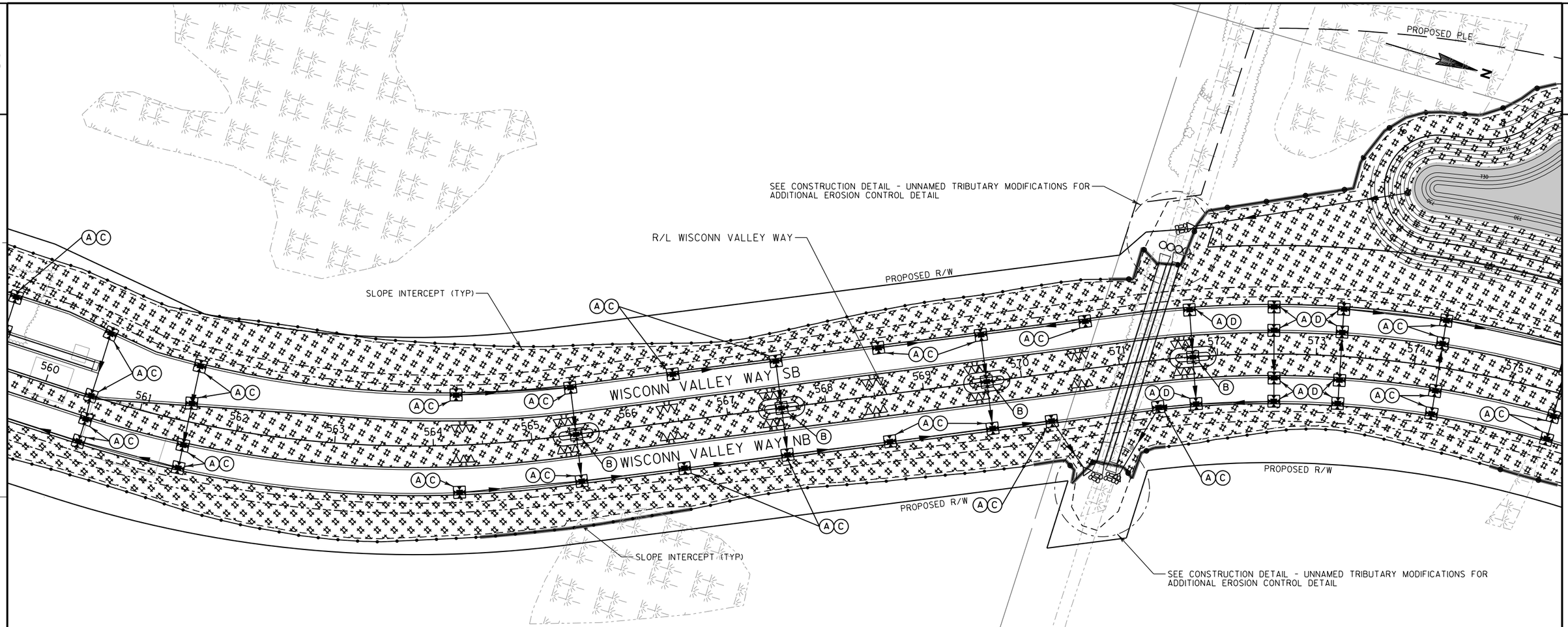
3) AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB & GUTTER AND SLOPE INTERCEPTS REQUIRE TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT

LEGEND

- EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- SURFACE WATER FLOW
- SOIL STABILIZER TYPE B
- TRACKING PAD
- RIPRAP MEDIUM
- TEMPORARY DITCH CHECK
- TEMPORARY STONE DITCH CHECK
- CULVERT PIPE CHECK
- WETLAND BOUNDARY
- SILT FENCE
- SILT FENCE HEAVY DUTY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	EROSION CONTROL PLAN	SHEET	E



NOTES:

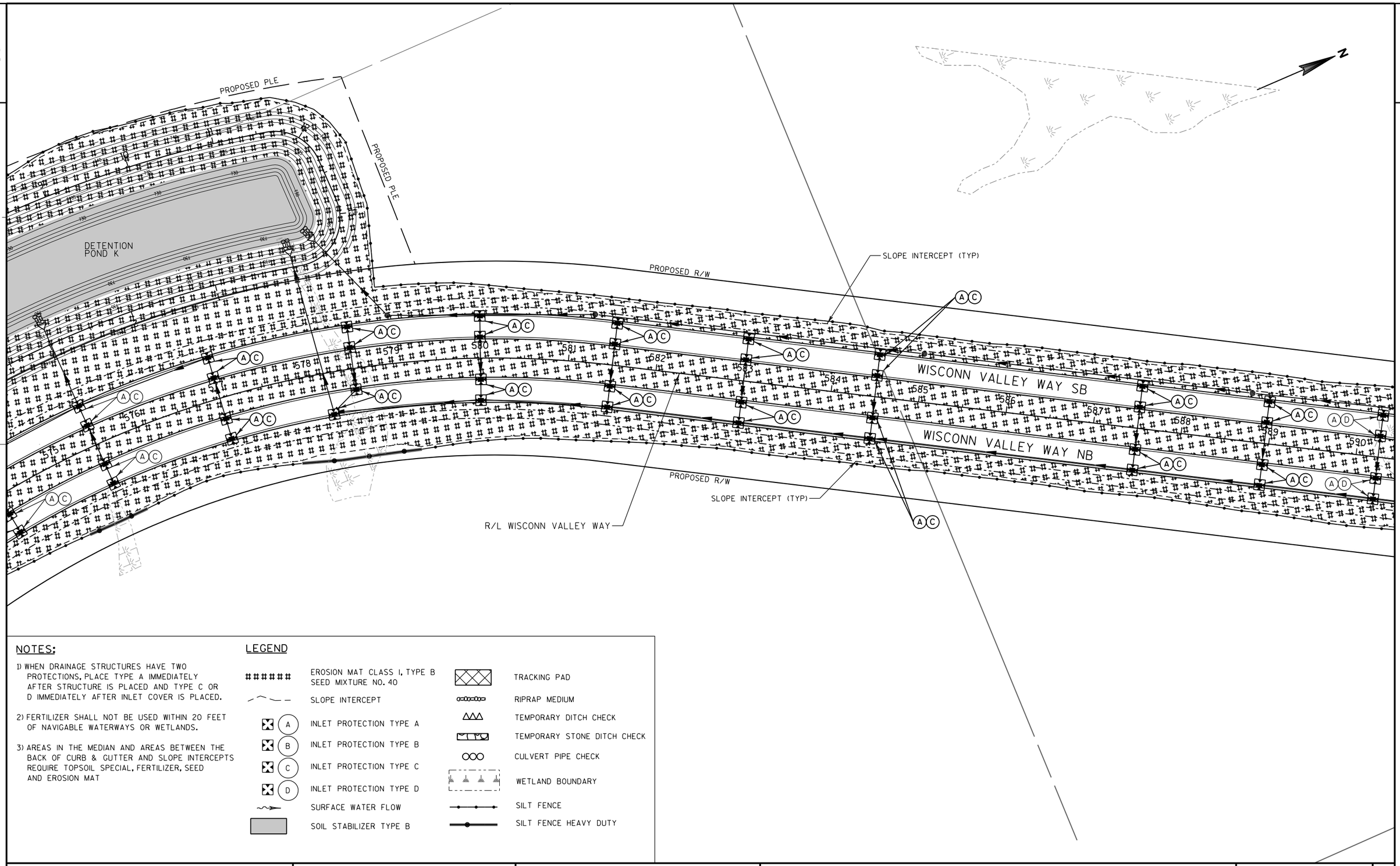
1) WHEN DRAINAGE STRUCTURES HAVE TWO PROTECTIONS, PLACE TYPE A IMMEDIATELY AFTER STRUCTURE IS PLACED AND TYPE C OR D IMMEDIATELY AFTER INLET COVER IS PLACED.
2) FERTILIZER SHALL NOT BE USED WITHIN 20 FEET OF NAVIGABLE WATERWAYS OR WETLANDS.
3) AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB & GUTTER AND SLOPE INTERCEPTS REQUIRE TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT

LEGEND

- EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- SURFACE WATER FLOW
- SOIL STABILIZER TYPE B
- TRACKING PAD
- RIPRAP MEDIUM
- TEMPORARY DITCH CHECK
- TEMPORARY STONE DITCH CHECK
- CULVERT PIPE CHECK
- WETLAND BOUNDARY
- SILT FENCE
- SILT FENCE HEAVY DUTY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	EROSION CONTROL PLAN	SHEET	E

2



NOTES:

1) WHEN DRAINAGE STRUCTURES HAVE TWO PROTECTIONS, PLACE TYPE A IMMEDIATELY AFTER STRUCTURE IS PLACED AND TYPE C OR D IMMEDIATELY AFTER INLET COVER IS PLACED.

2) FERTILIZER SHALL NOT BE USED WITHIN 20 FEET OF NAVIGABLE WATERWAYS OR WETLANDS.

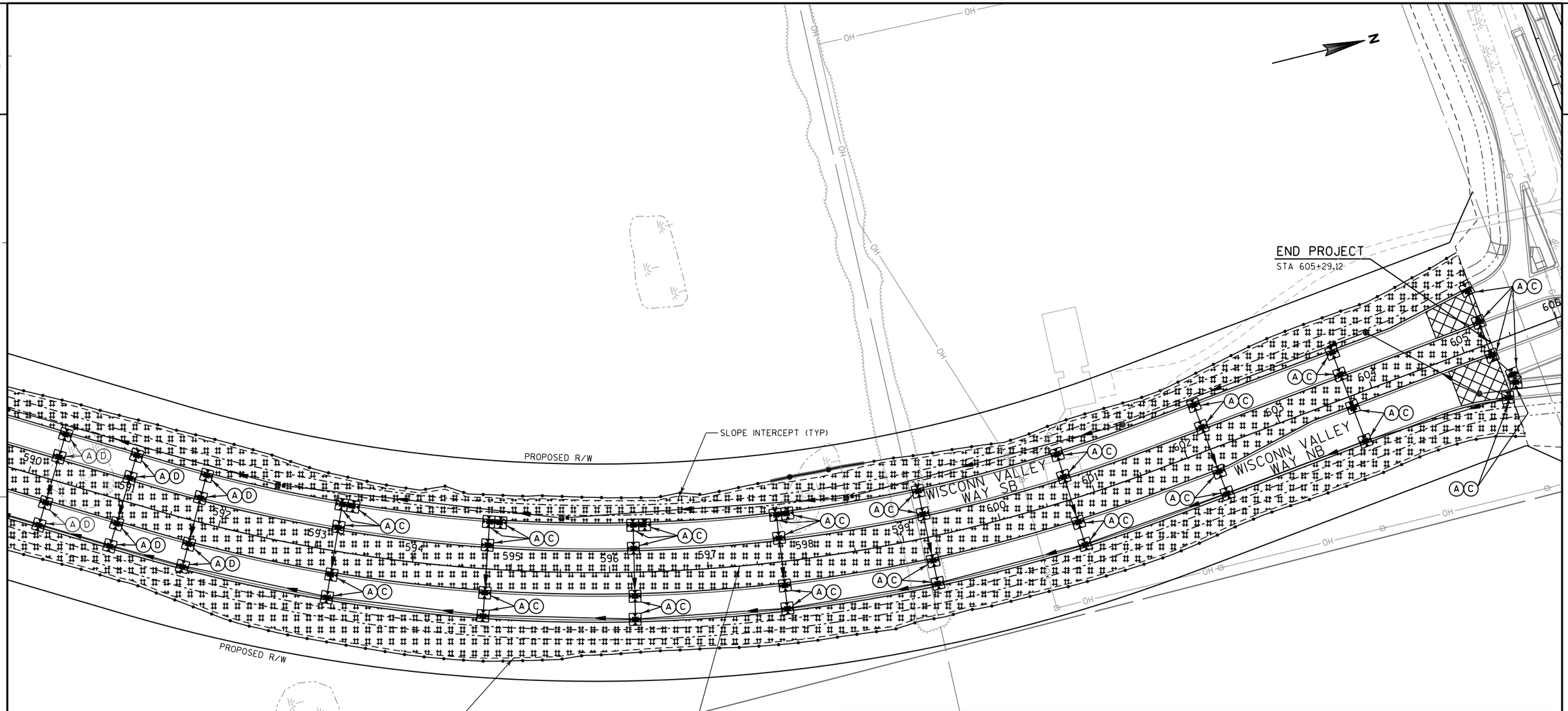
3) AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB & GUTTER AND SLOPE INTERCEPTS REQUIRE TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT

LEGEND

- EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- SURFACE WATER FLOW
- SOIL STABILIZER TYPE B
- TRACKING PAD
- RIPRAP MEDIUM
- TEMPORARY DITCH CHECK
- TEMPORARY STONE DITCH CHECK
- CULVERT PIPE CHECK
- WETLAND BOUNDARY
- SILT FENCE
- SILT FENCE HEAVY DUTY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	EROSION CONTROL PLAN	SHEET	E

2



NOTES:

1) WHEN DRAINAGE STRUCTURES HAVE TWO PROTECTIONS, PLACE TYPE A IMMEDIATELY AFTER STRUCTURE IS PLACED AND TYPE C OR D IMMEDIATELY AFTER INLET COVER IS PLACED.

2) FERTILIZER SHALL NOT BE USED WITHIN 20 FEET OF NAVIGABLE WATERWAYS OR WETLANDS.

3) AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB & GUTTER AND SLOPE INTERCEPTS REQUIRE TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT

LEGEND

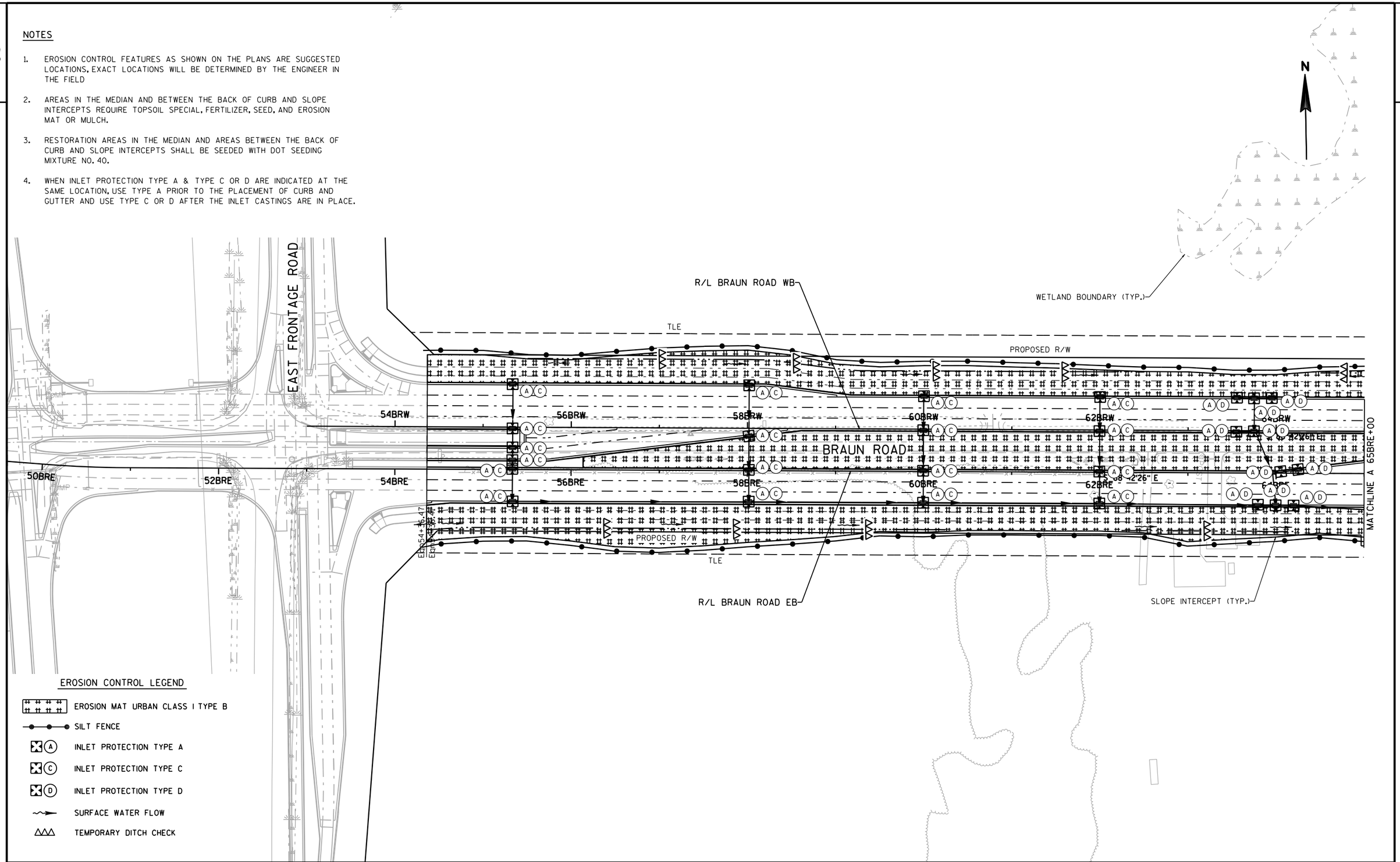
- EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A
- INLET PROTECTION TYPE B
- INLET PROTECTION TYPE C
- INLET PROTECTION TYPE D
- SURFACE WATER FLOW
- SOIL STABILIZER TYPE B
- TRACKING PAD
- RIPRAP MEDIUM
- TEMPORARY DITCH CHECK
- TEMPORARY STONE DITCH CHECK
- CULVERT PIPE CHECK
- WETLAND BOUNDARY
- SILT FENCE
- SILT FENCE HEAVY DUTY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	EROSION CONTROL PLAN	SHEET	E

2

NOTES

1. EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD
2. AREAS IN THE MEDIAN AND BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS REQUIRE TOPSOIL SPECIAL, FERTILIZER, SEED, AND EROSION MAT OR MULCH.
3. RESTORATION AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS SHALL BE SEEDED WITH DOT SEEDING MIXTURE NO. 40.
4. WHEN INLET PROTECTION TYPE A & TYPE C OR D ARE INDICATED AT THE SAME LOCATION, USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE C OR D AFTER THE INLET CASTINGS ARE IN PLACE.



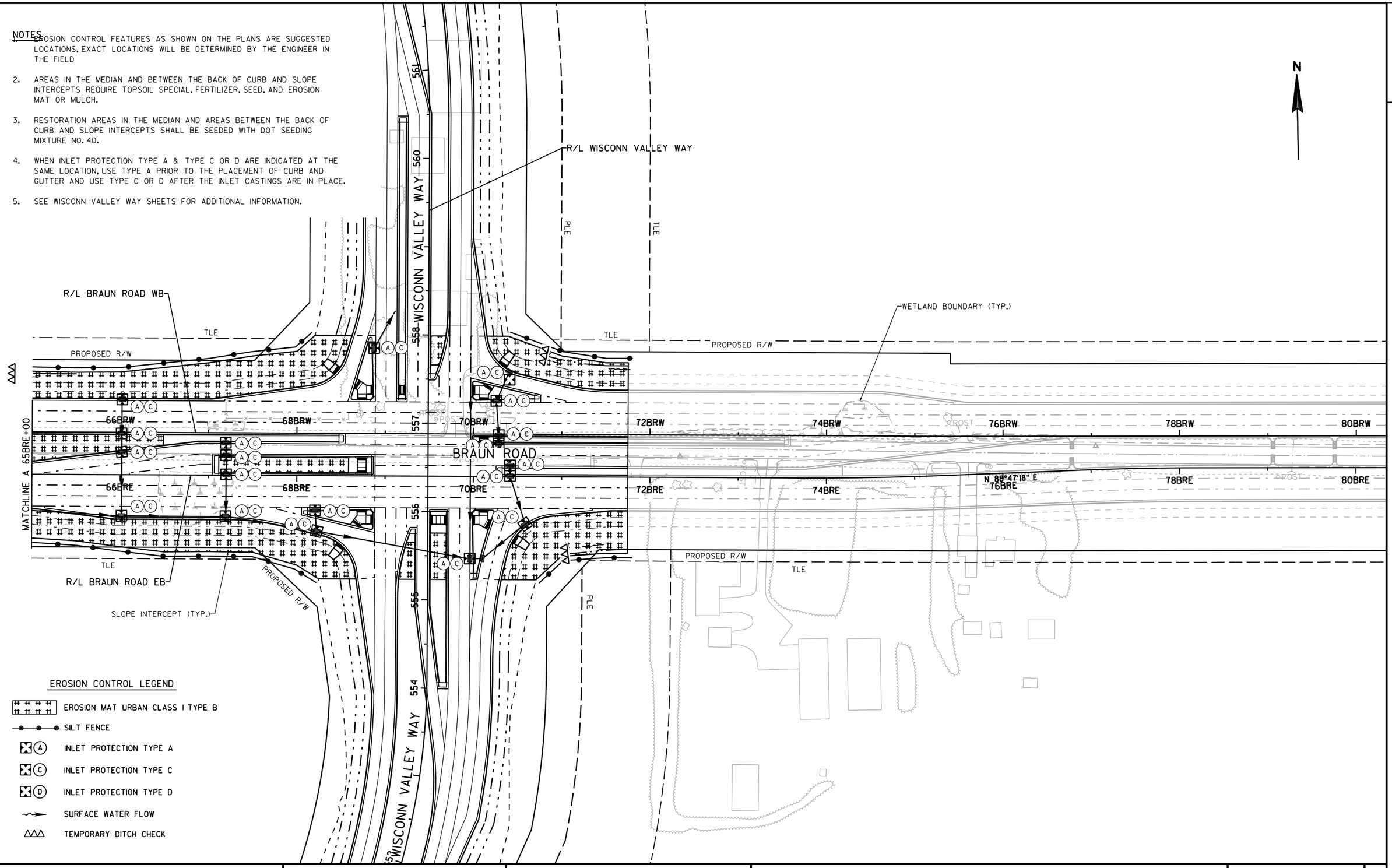
EROSION CONTROL LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- (A) INLET PROTECTION TYPE A
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SURFACE WATER FLOW
- TEMPORARY DITCH CHECK

PROJECT NO: 2704-00-76	HWY: BRAUN ROAD	COUNTY: RACINE	EROSION CONTROL	SHEET	E

NOTES

1. EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD
2. AREAS IN THE MEDIAN AND BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS REQUIRE TOPSOIL SPECIAL, FERTILIZER, SEED, AND EROSION MAT OR MULCH.
3. RESTORATION AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS SHALL BE SEEDED WITH DOT SEEDING MIXTURE NO. 40.
4. WHEN INLET PROTECTION TYPE A & TYPE C OR D ARE INDICATED AT THE SAME LOCATION, USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE C OR D AFTER THE INLET CASTINGS ARE IN PLACE.
5. SEE WISCONN VALLEY WAY SHEETS FOR ADDITIONAL INFORMATION.



EROSION CONTROL LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- (A) INLET PROTECTION TYPE A
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- SURFACE WATER FLOW
- TEMPORARY DITCH CHECK

PROJECT NO: 2704-00-76	HWY: BRAUN ROAD	COUNTY: RACINE	EROSION CONTROL	SHEET	E

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PLOT BY : jdepies
PLOT NAME :
PLOT SCALE : 100:1
WISDOT/CADDS SHEET 42

GENERAL DRAINAGE NOTES

LOCATION OF STRUCTURES IN CURB AND GUTTER SECTION REFER TO CURB AND GUTTER FLOW LINE. LOCATION OF STRUCTURES NOT IN CURB AND GUTTER SECTION REFER TO CENTER OF STRUCTURE OR AS NOTED ON PLAN.

RIM ELEVATIONS ARE GIVEN AT FLOW LINE OF INLET OR AT CENTER OF MANHOLE. SEE STRUCTURE LOCATION DETAIL.

PLAN LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND IS USED FOR ESTIMATING. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE AND IS USED TO COMPUTE PIPE SLOPE.

INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES AND PIPES SHOWN ON THE PLANS MAY BE ADJUSTED BY THE ENGINEER TO FIT EXISTING FIELD CONDITIONS.

UTILITY INFORMATION SHOWN ON THE PLANS IS APPROXIMATE. LOCATIONS SHOWN ARE TAKEN FROM EXISTING RECORDS AND BEST INFORMATION AVAILABLE FROM EXISTING PLANS. IT IS EXPECTED THAT THERE MAY BE DISCREPANCIES AND OMISSIONS IN THE LOCATION OF UTILITIES AND STRUCTURES SHOWN. VERIFY ALL LOCATIONS IN THE FIELD.

COORDINATE WITH DIGGERS HOTLINE TO FIELD LOCATE UTILITIES. SHEETING SHALL NOT GO THROUGH UTILITIES. ANY UTILITIES DAMAGED DUE TO CONTRACTOR ACTIVITIES SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE COMPLETE SATISFACTION OF THE UTILITY FACILITY.

VERIFY THE EXISTING STORM SEWER SYSTEM CONNECTION LOCATIONS AND ELEVATIONS PRIOR TO ORDERING DRAINAGE STRUCTURES AND PIPES. NOTIFY THE ENGINEER OF ANY DEVIATIONS FROM THE INFORMATION SHOWN ON THE PLANS PRIOR TO INSTALLING THE PROPOSED STORM SEWER.

PROVIDE BOLTED COVERS FOR MANHOLE COVERS TYPE J SPECIAL. COST OF PROVIDING BOLTED COVERS IS CONSIDERED INCIDENTAL TO COVER.

PROVIDE TEMPORARY POSITIVE DRAINAGE THROUGHOUT THE PROJECT DURING ALL PROJECT STAGES. PROVIDING TEMPORARY POSITIVE DRAINAGE IS INCIDENTAL TO CONSTRUCTION.

SUPPORTING UTILITIES DURING STORM SEWER CONSTRUCTION IS INCIDENTAL TO STORM SEWER PIPE AND/OR STORM SEWER STRUCTURE.

CONSTRUCTION AND REMOVAL OF TEMPORARY BULKHEAD IS CONSIDERED INCIDENTAL TO COST OF STORM SEWER PIPE OR STORM SEWER STRUCTURE WHEN A PIPE OR STRUCTURE IS CONSTRUCTED OR REMOVED IN MULTIPLE STAGES.

STORM SEWER LEGEND

——→——	PROPOSED STORM SEWER PIPE PLAN VIEW
——→——	EXISTING STORM SEWER PLAN VIEW
- - - - - -	EXISTING STORM SEWER PROFILE VIEW
(***)	PROPOSED DRAINAGE STRUCTURE
(E***)	EXISTING DRAINAGE STRUCTURE
●	PROPOSED MANHOLE
■	PROPOSED INLET
△	PROPOSED ENDWALL
P***	PROPOSED STORM SEWER PIPE
PE***	EXISTING STORM SEWER PIPE

2

2

BEGIN PROJECT
STA 501+54.47

R/L WISCONN VALLEY WAY

SLOPE INTERCEPT (TYP)

FUTURE PATH BY OTHERS

PROPOSED R/W

WISCONN VALLEY WAY SB

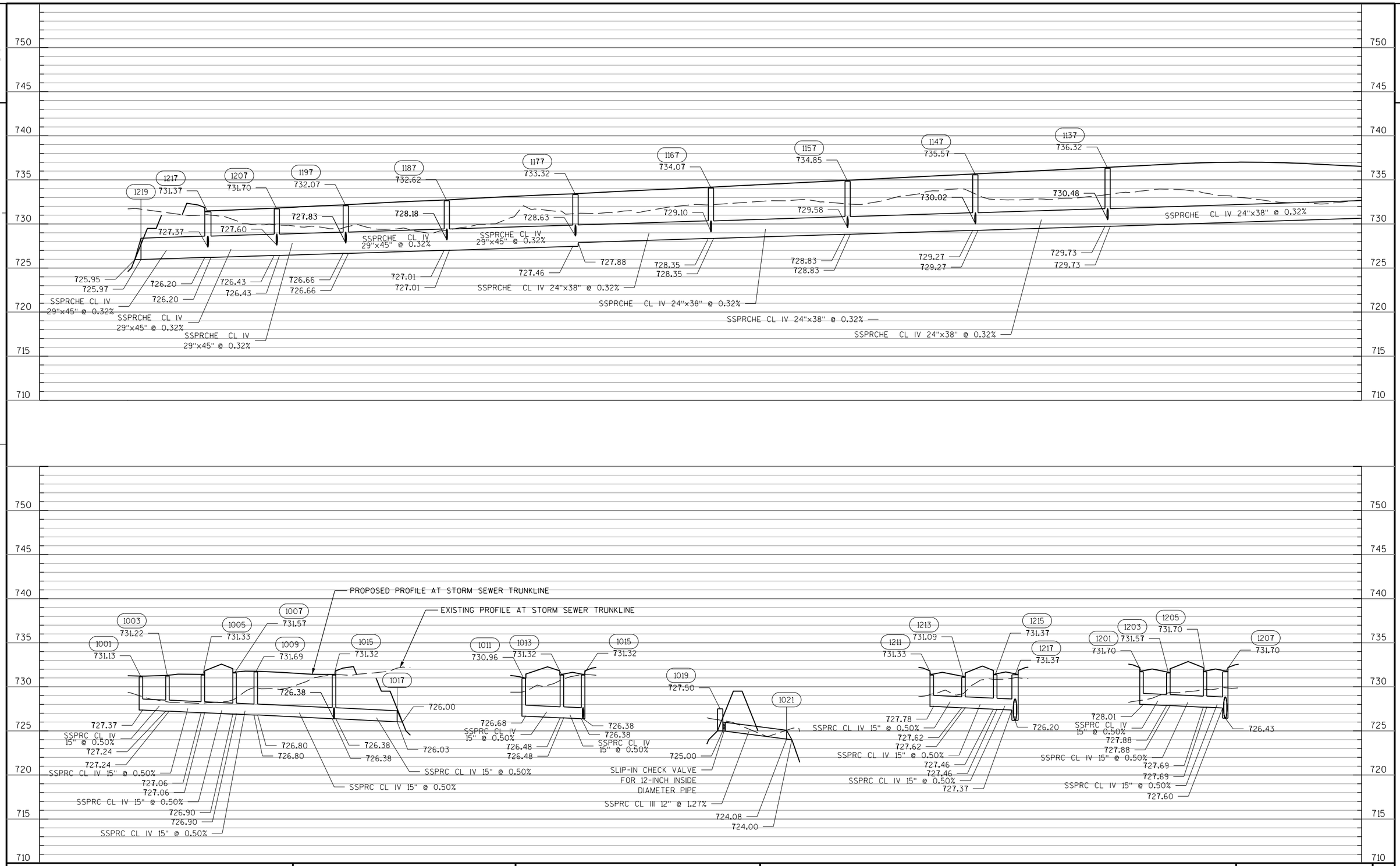
WISCONN VALLEY WAY NB

CTH KR

DETENTION POND 1

12" SLIP-IN CHECK VALVE

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	STORM SEWER PLAN: WISCONN VALLEY WAY	SHEET	E



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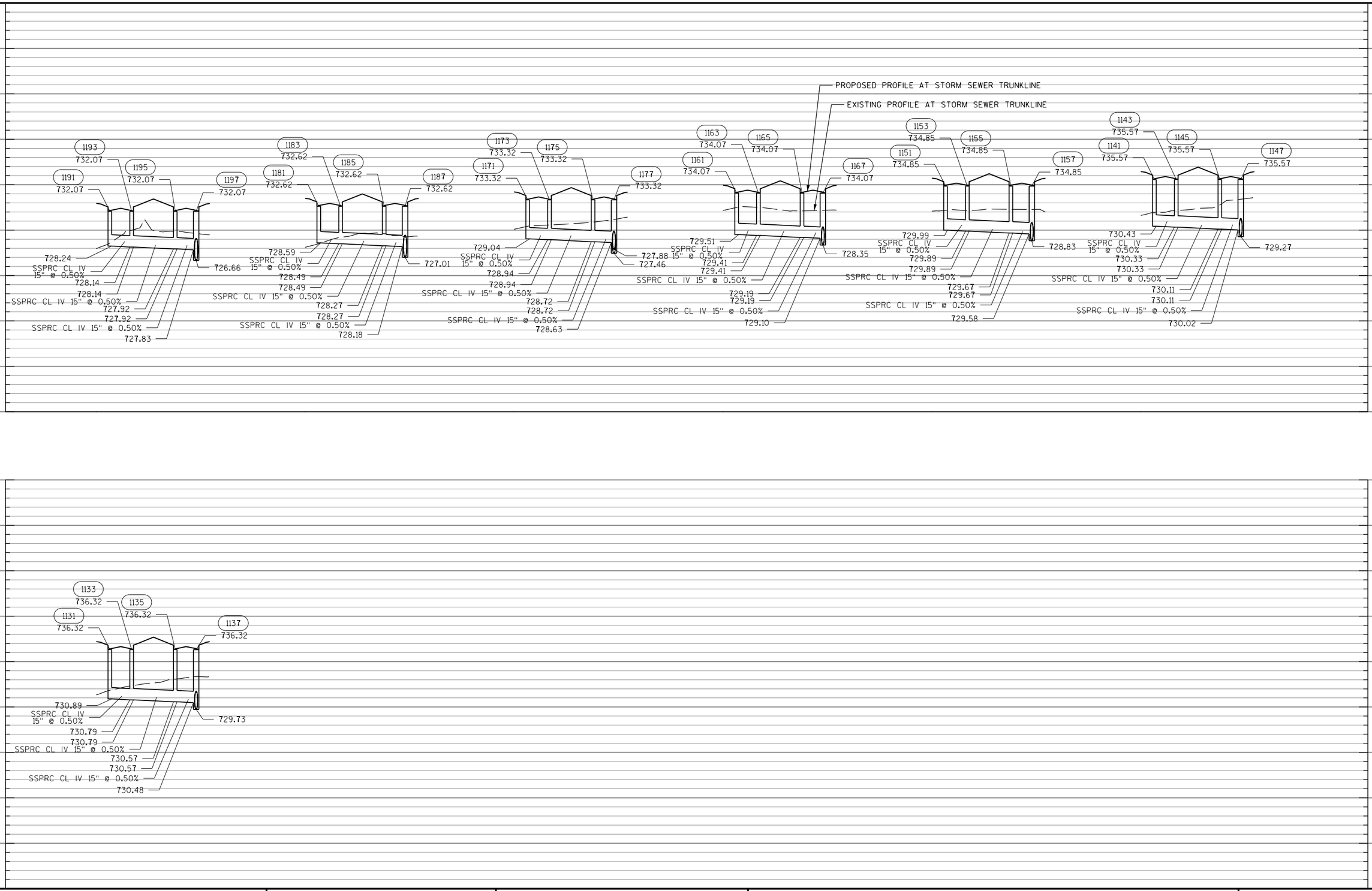

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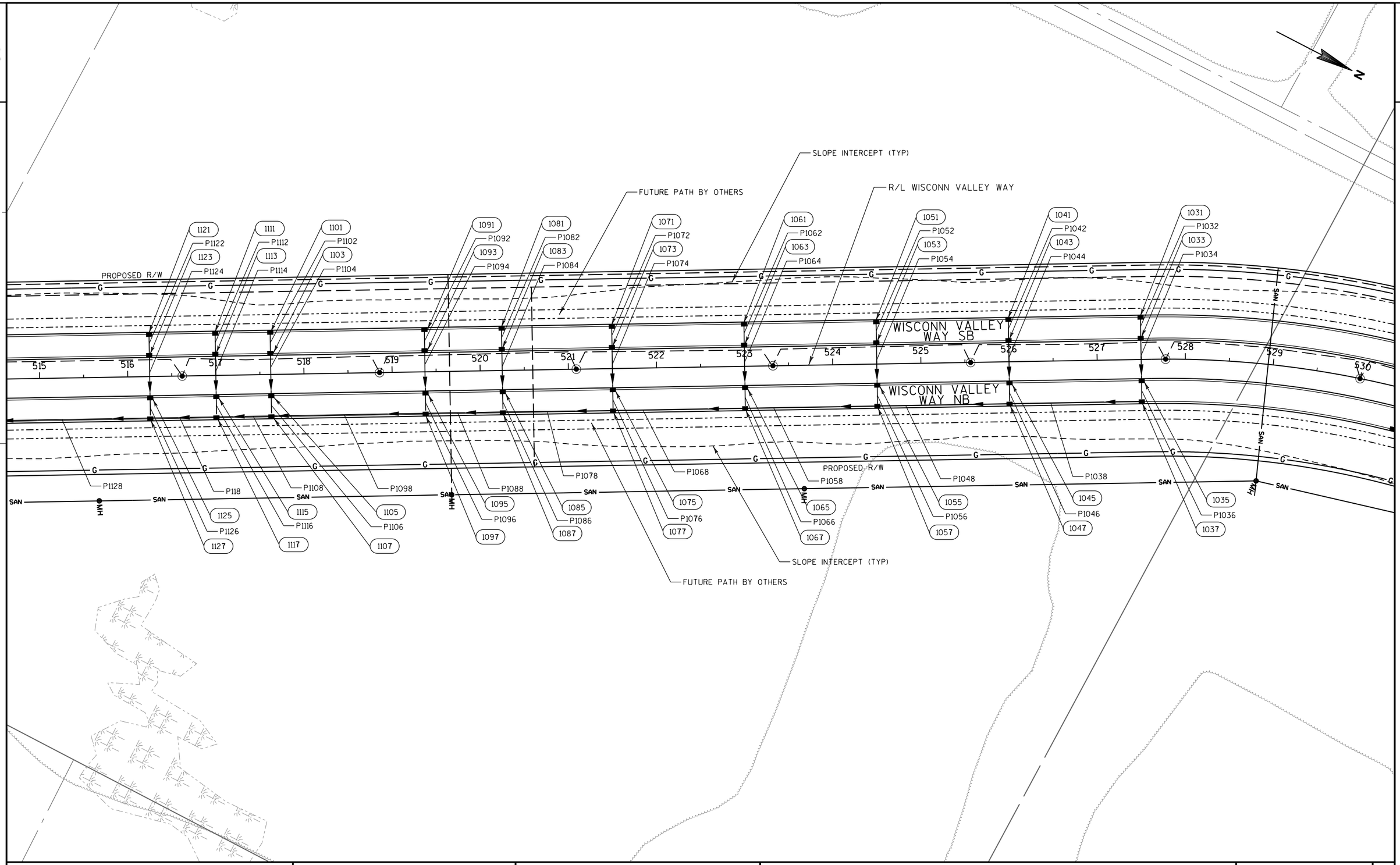

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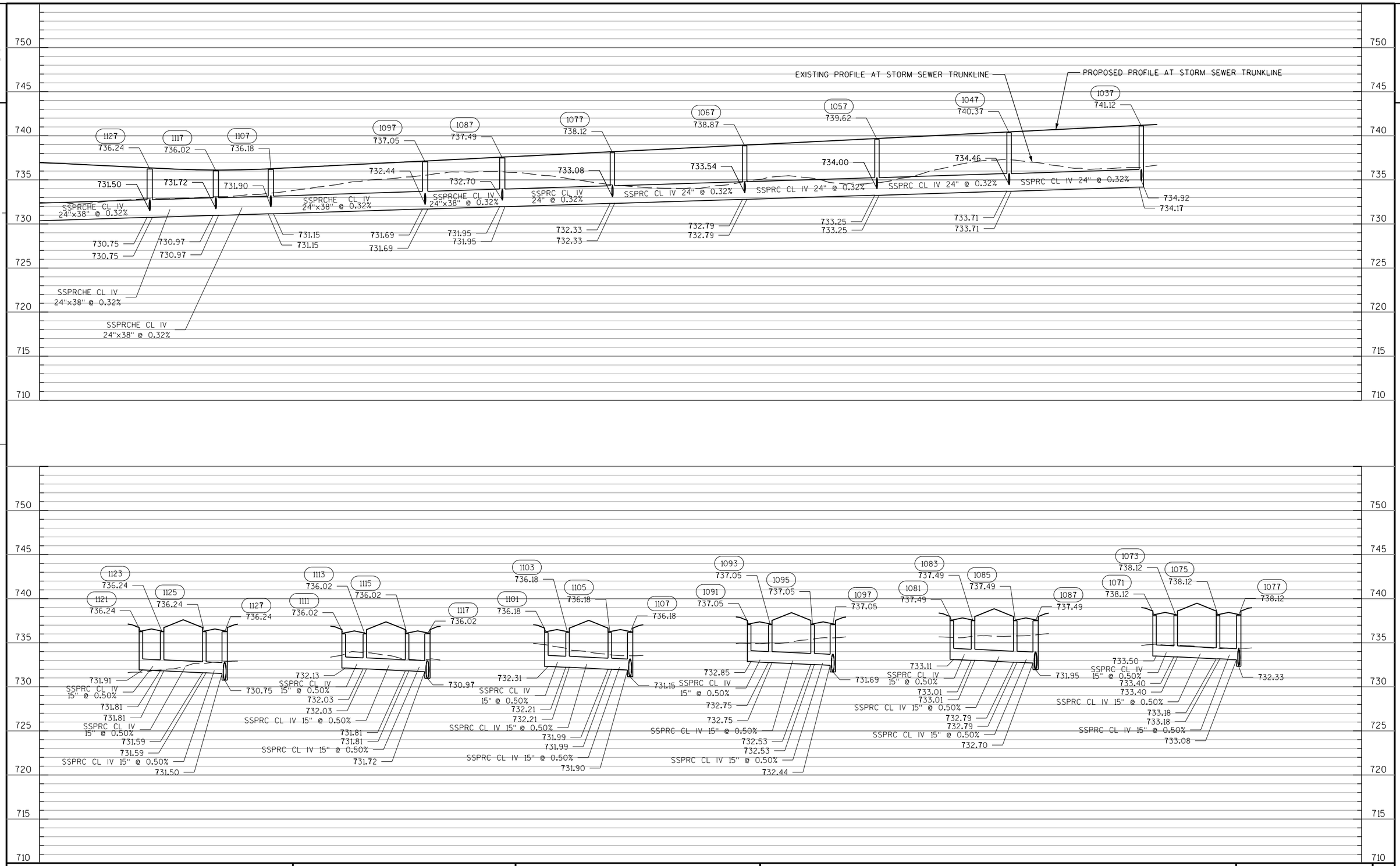

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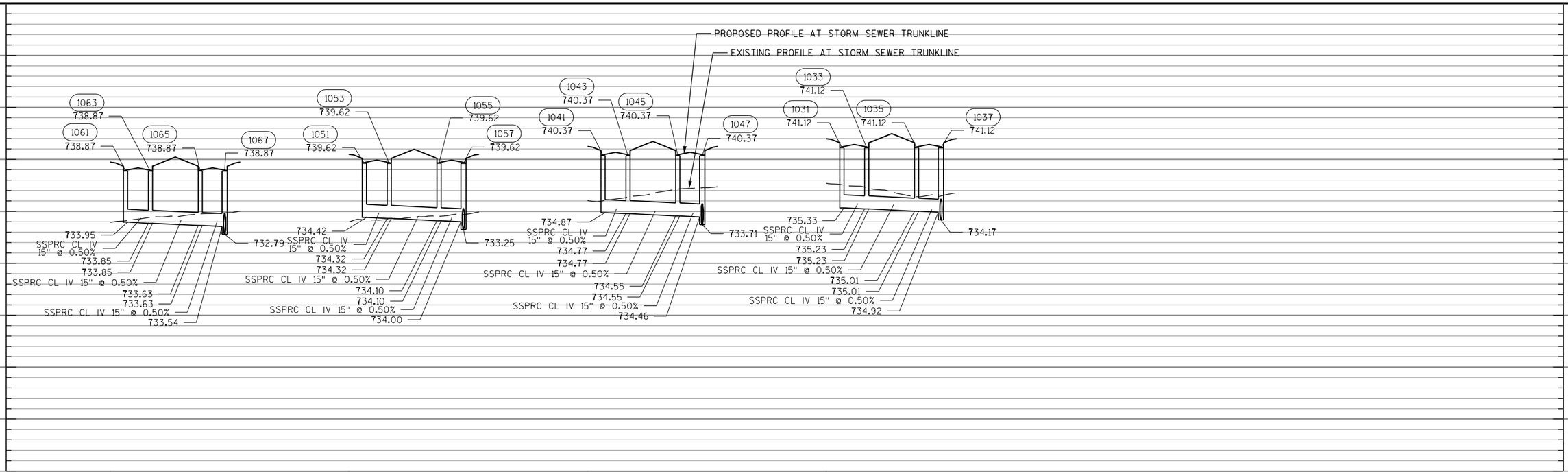

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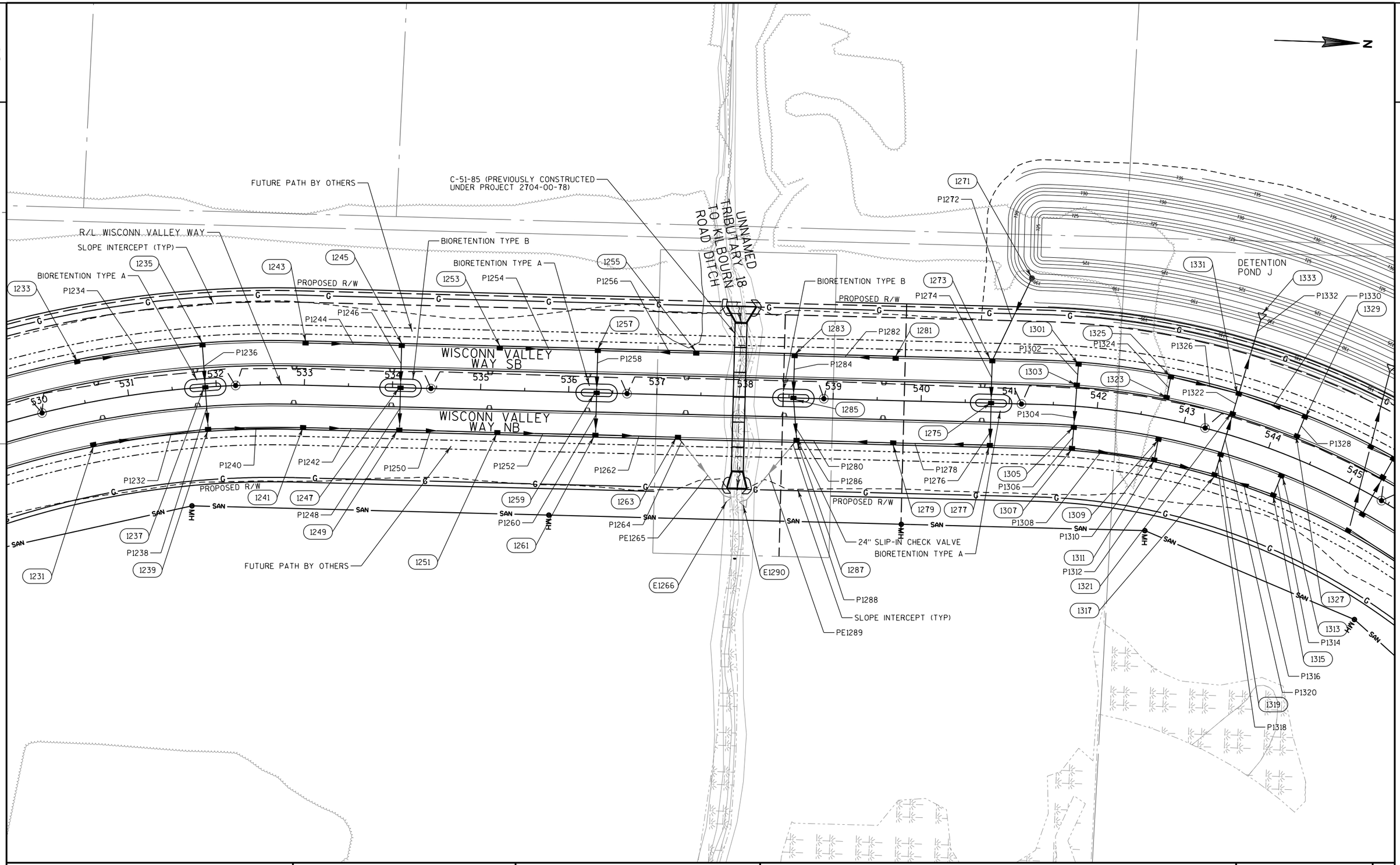

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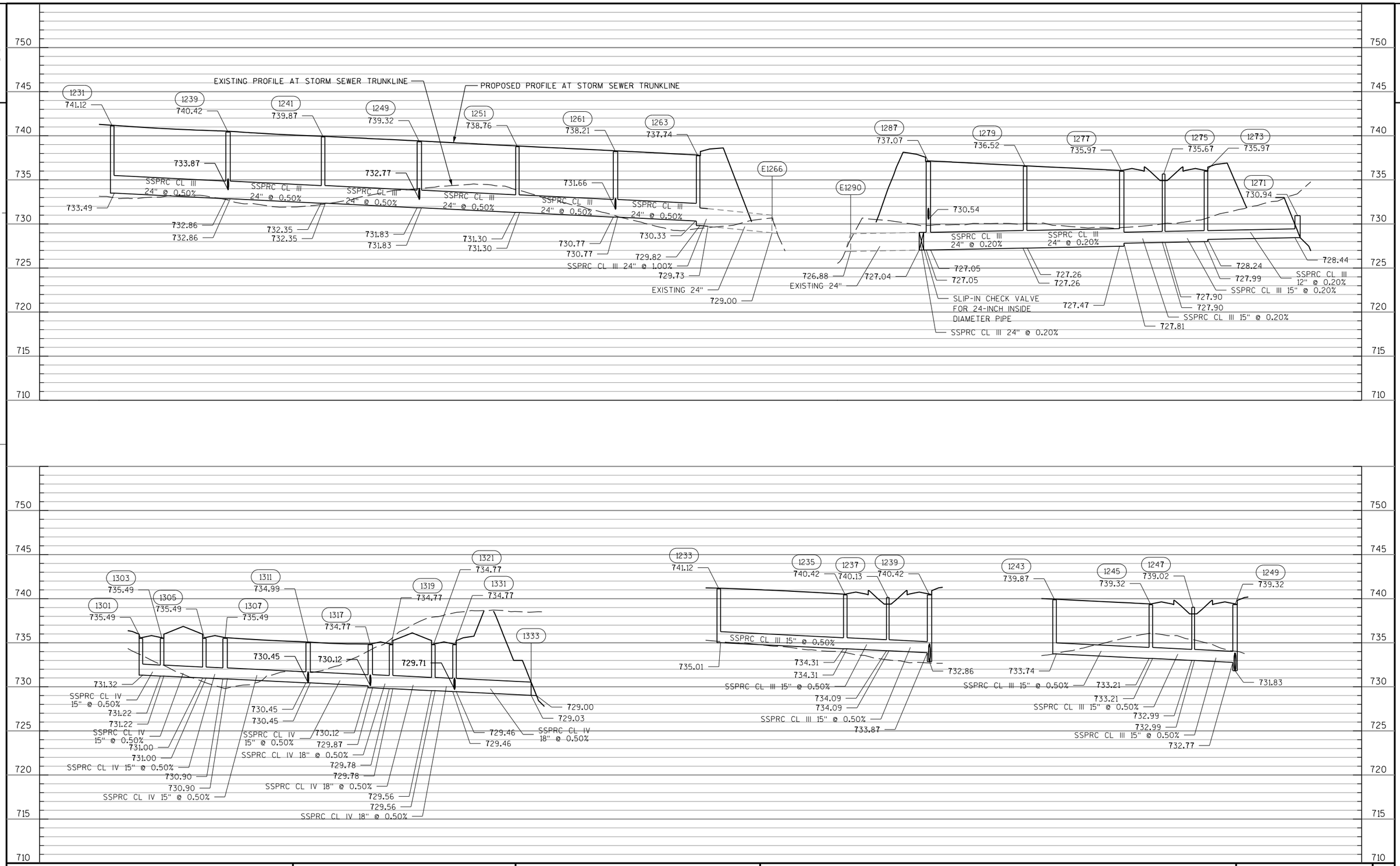
WISDOT/CADDS SHEET 41



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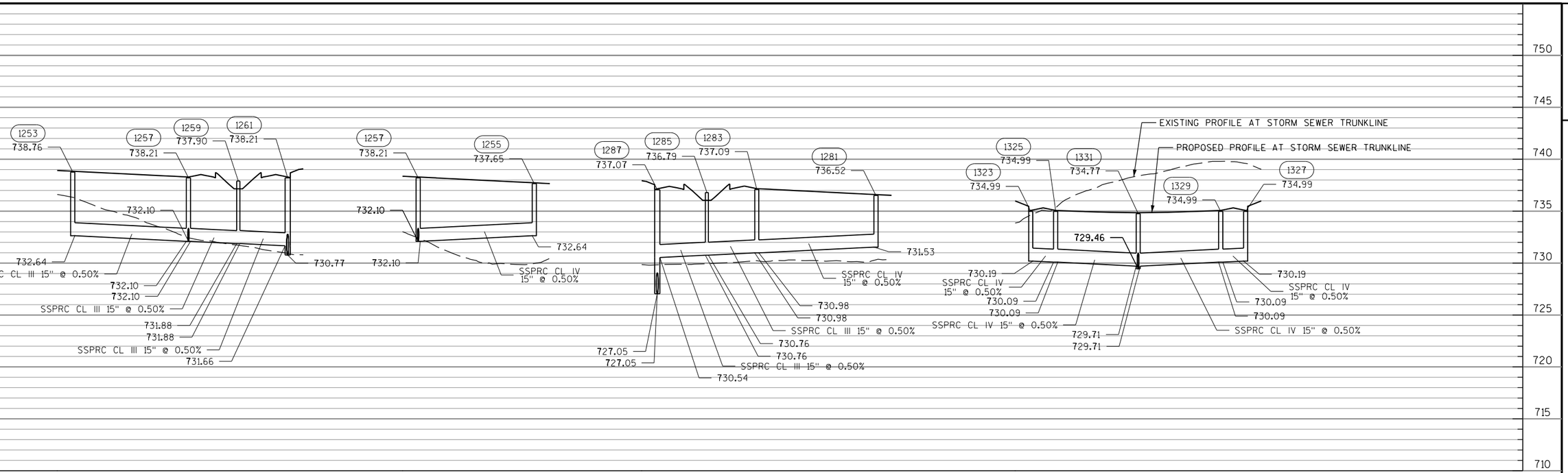

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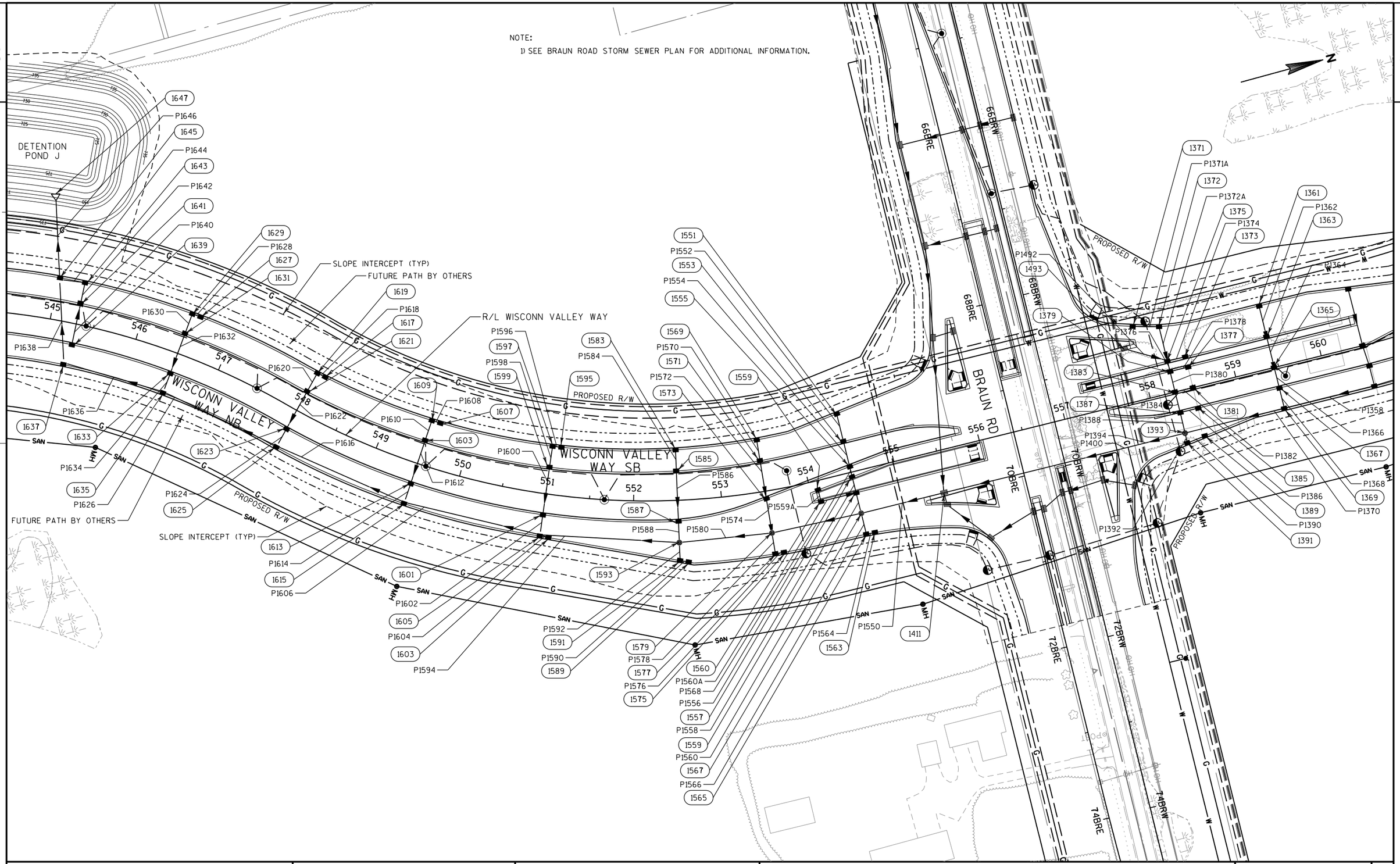
NOTE:
1) SEE BRAUN ROAD STORM SEWER PLAN FOR ADDITIONAL INFORMATION.



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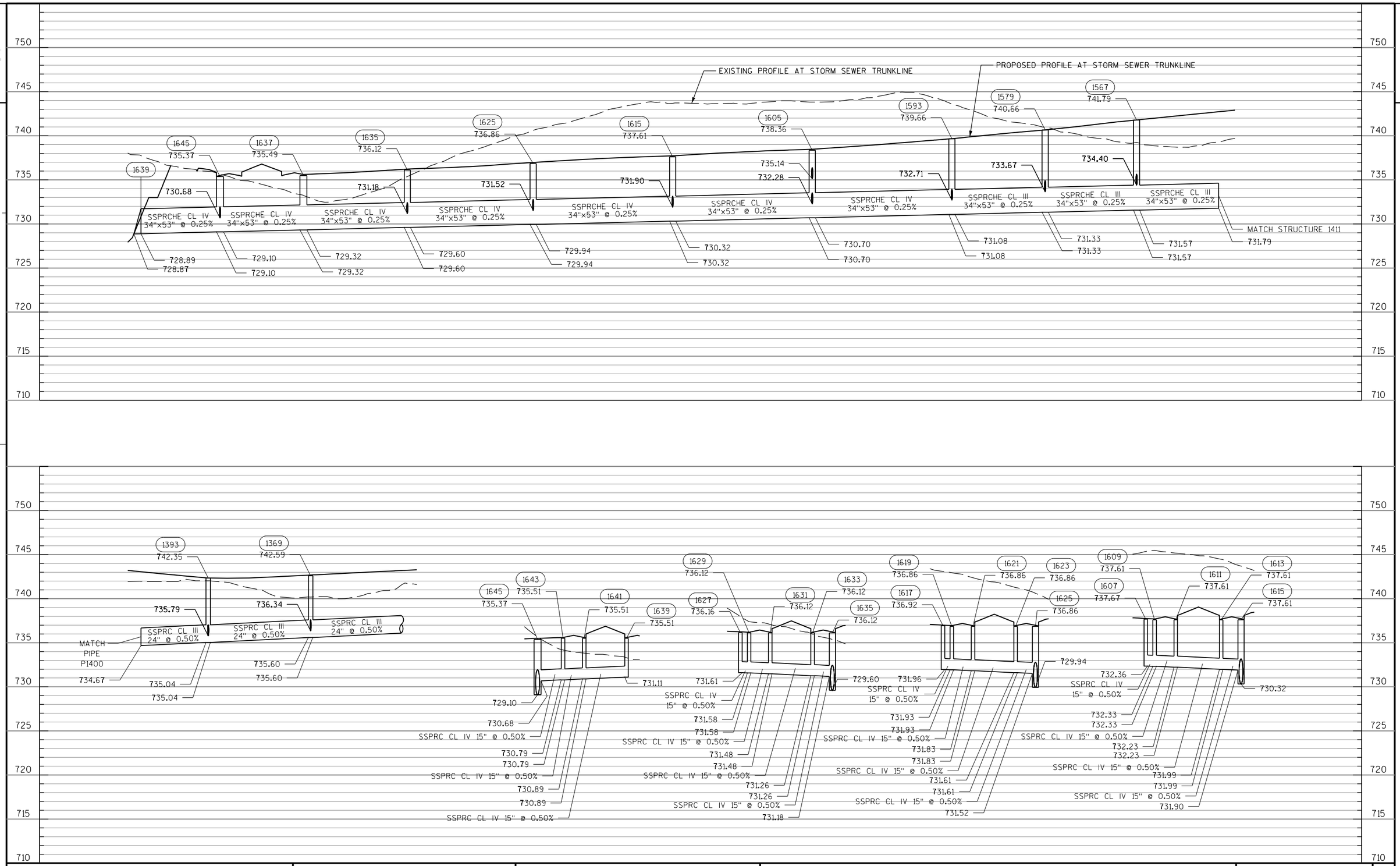

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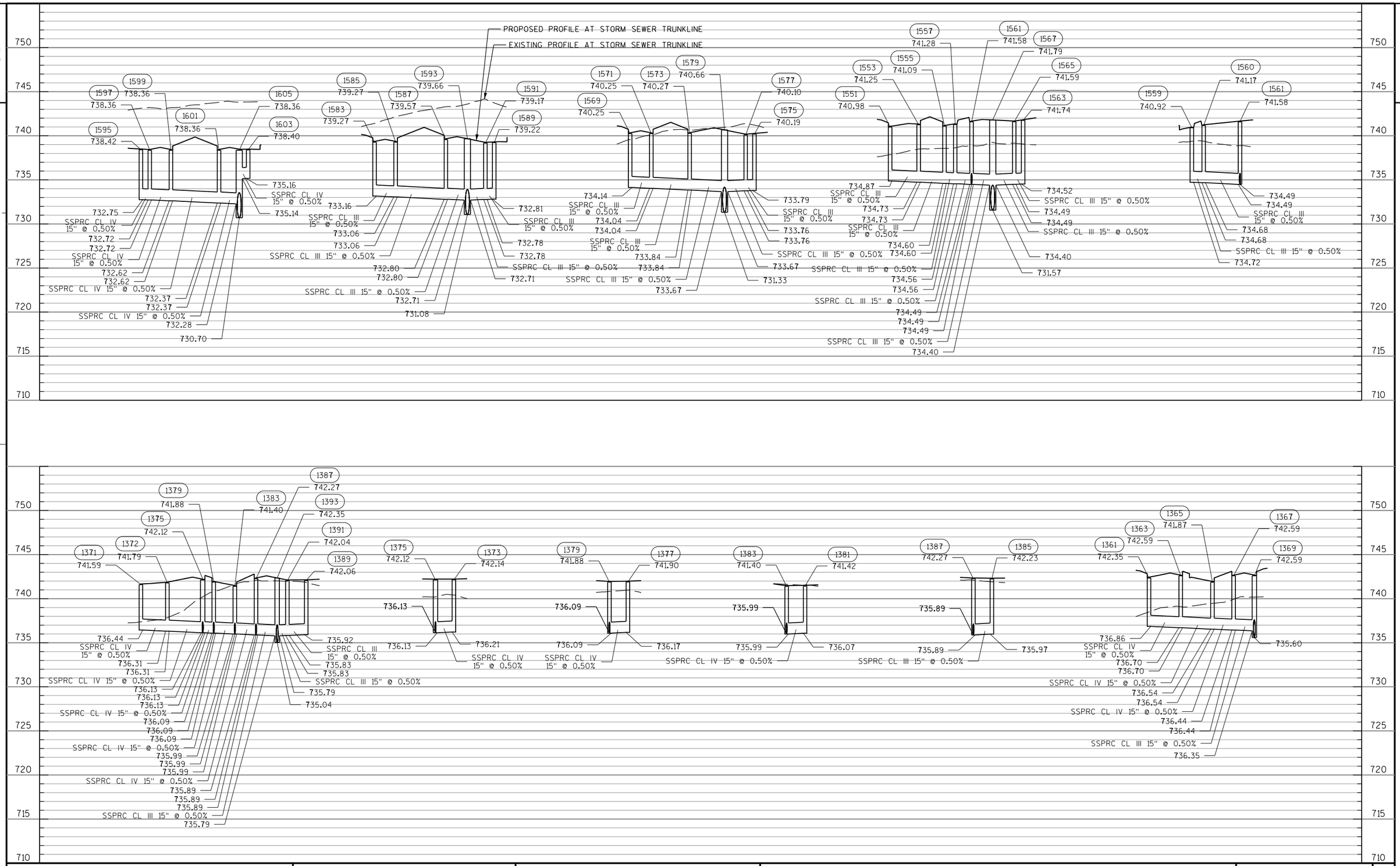

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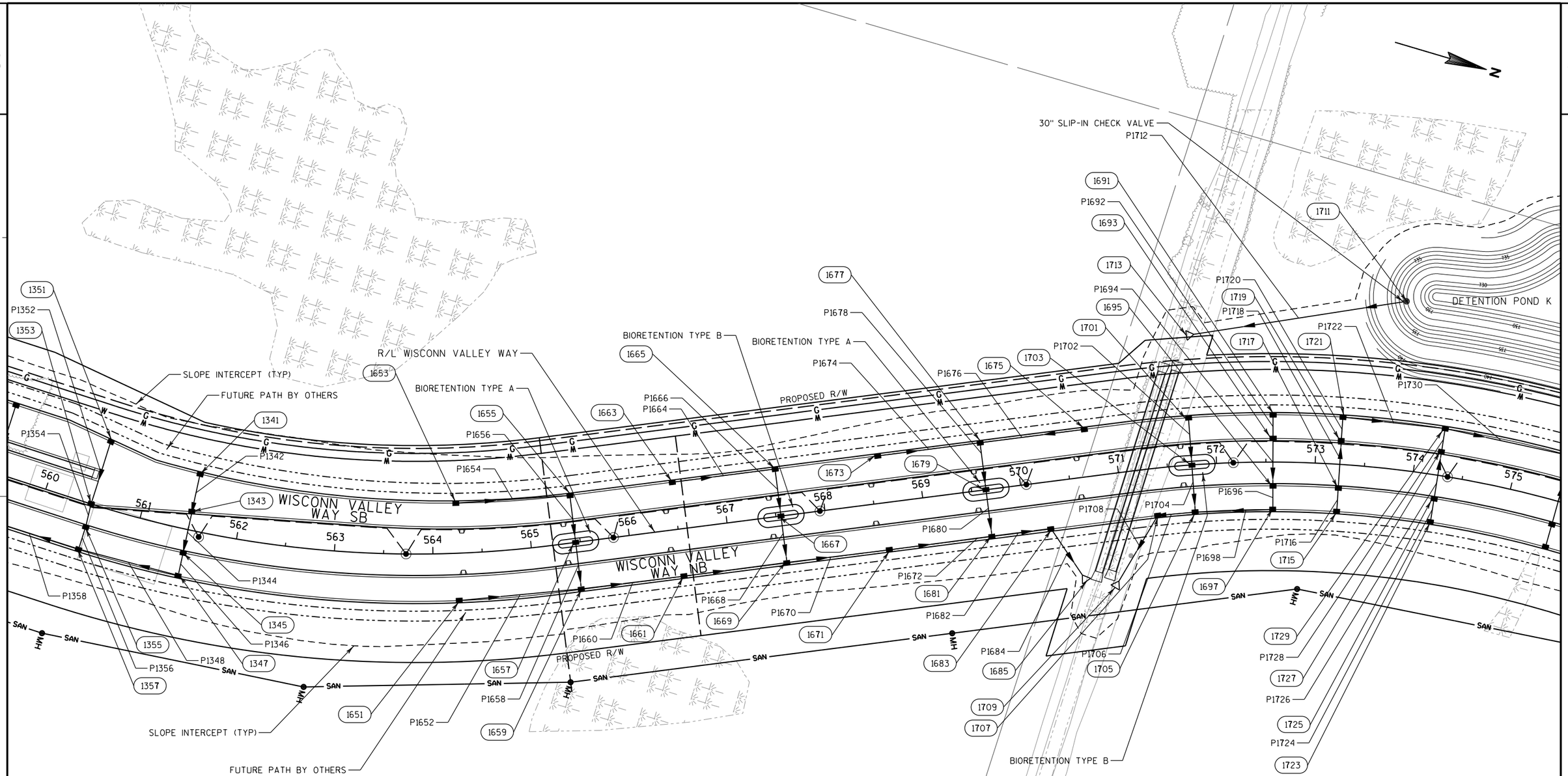

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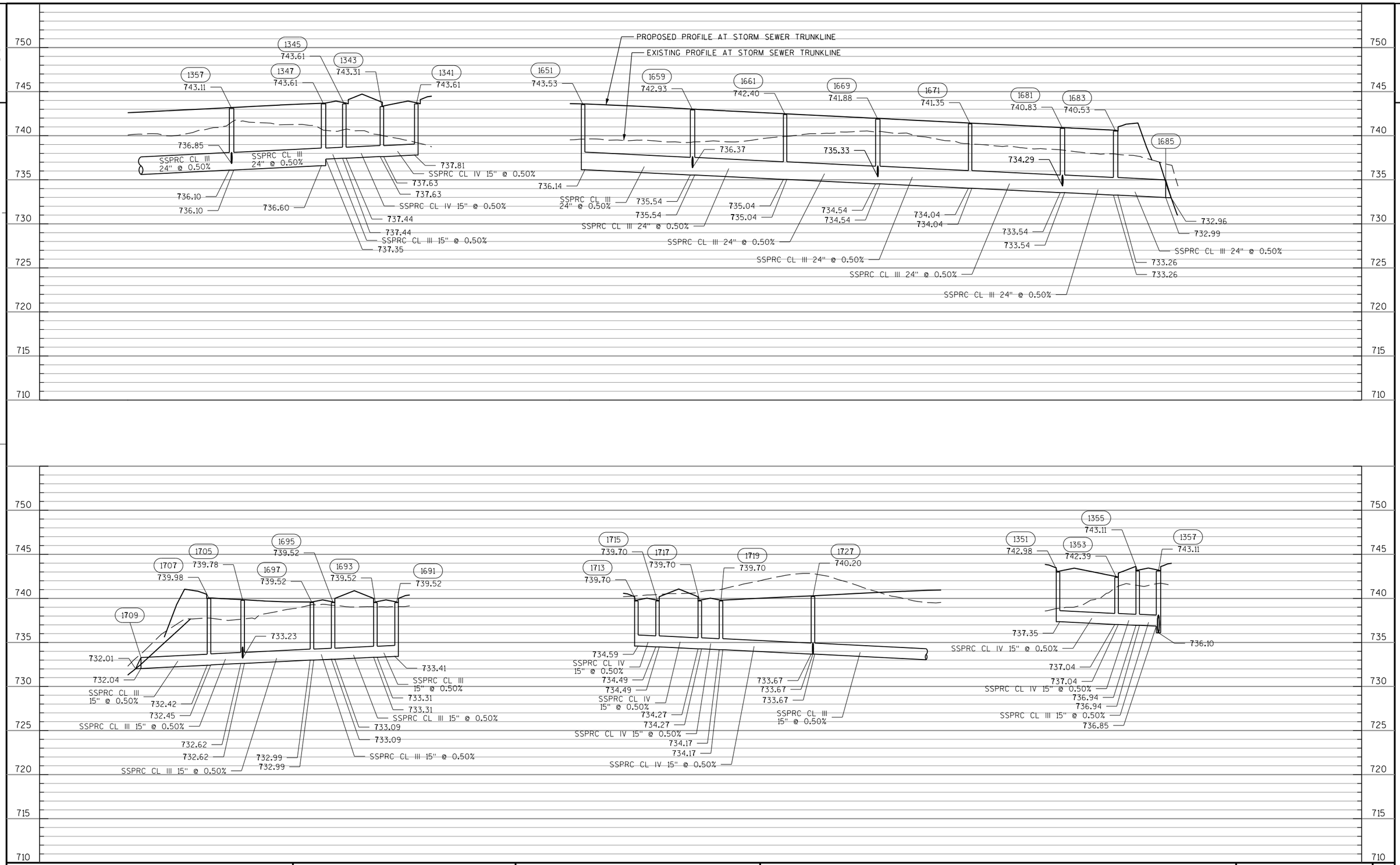

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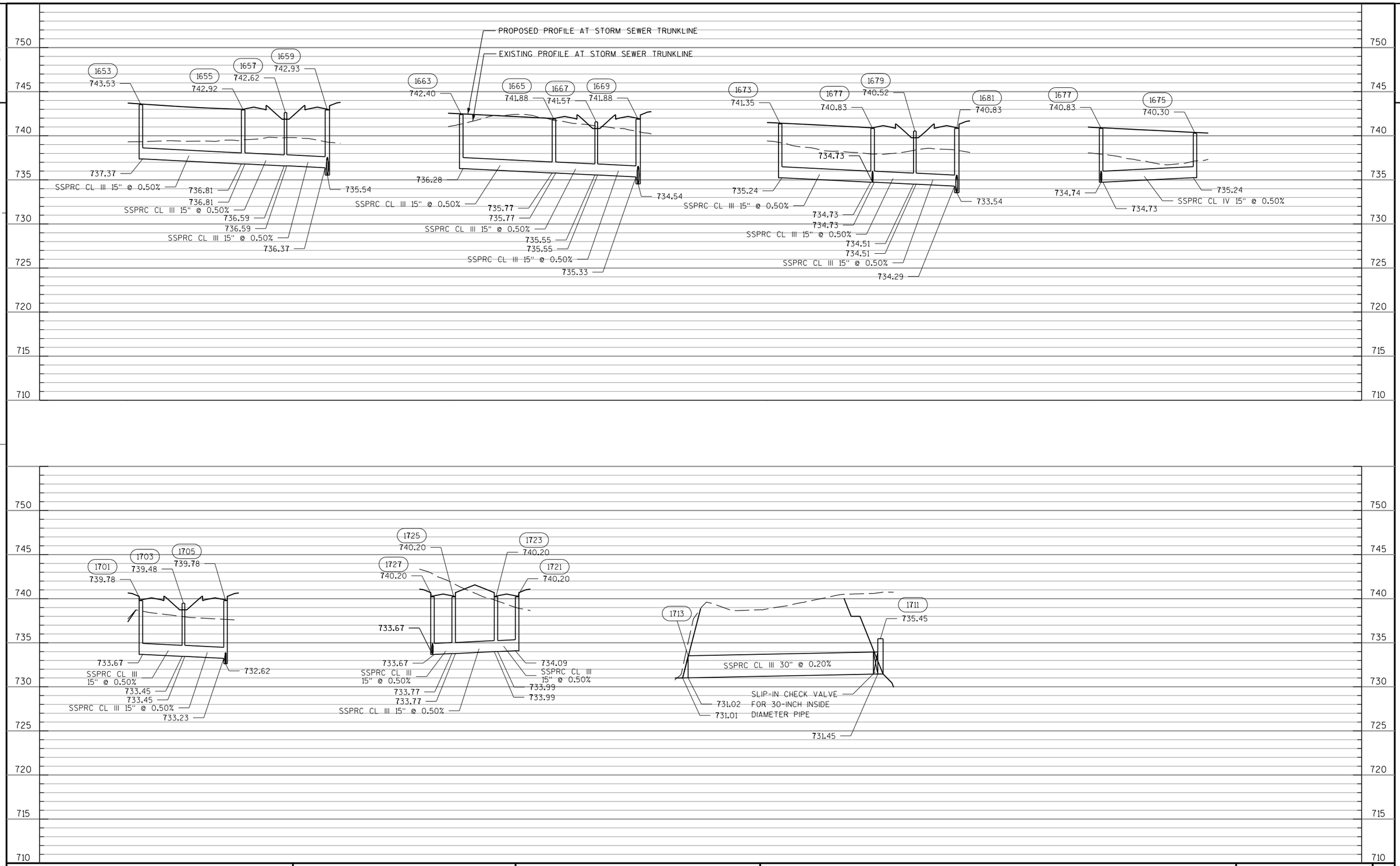

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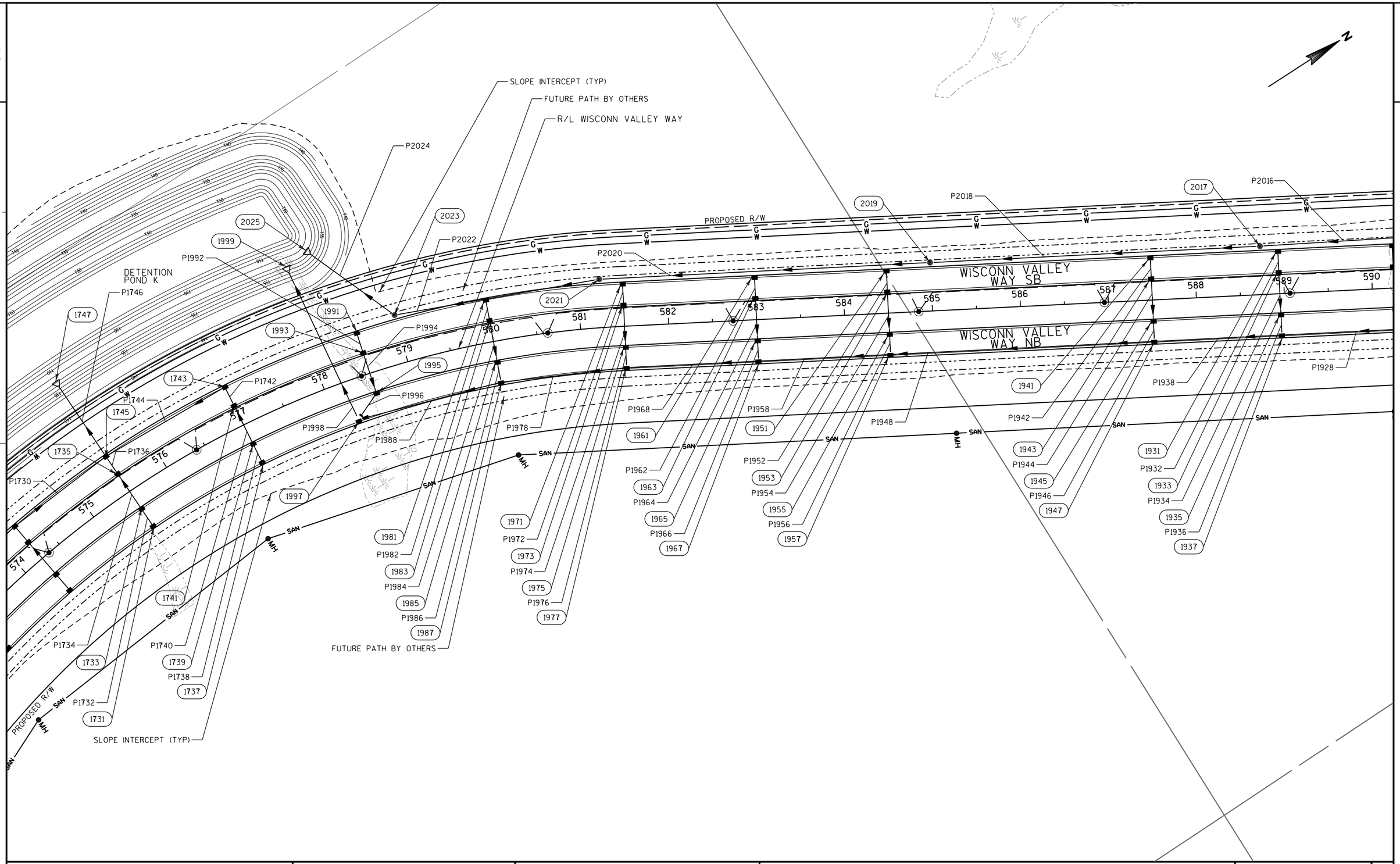

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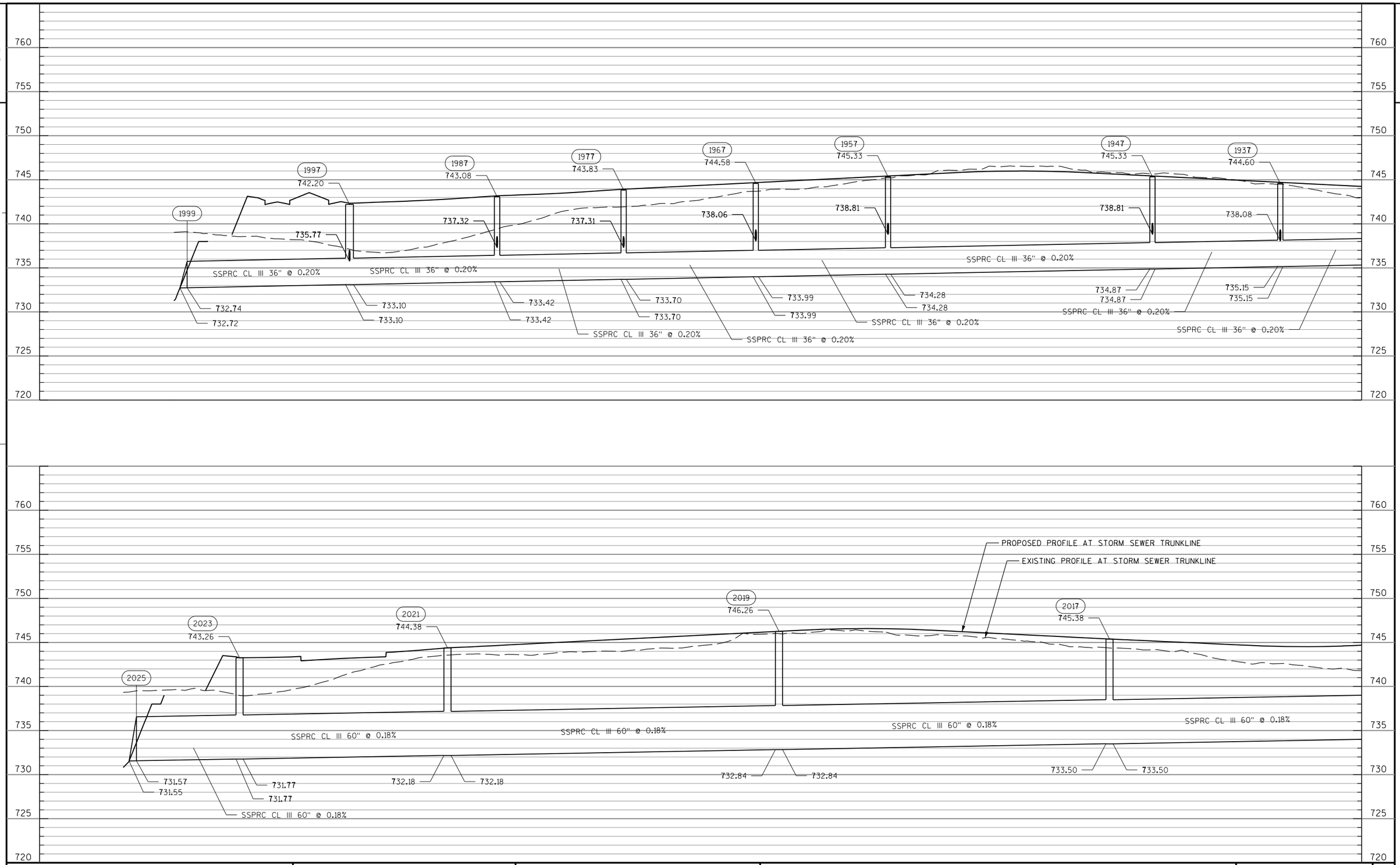

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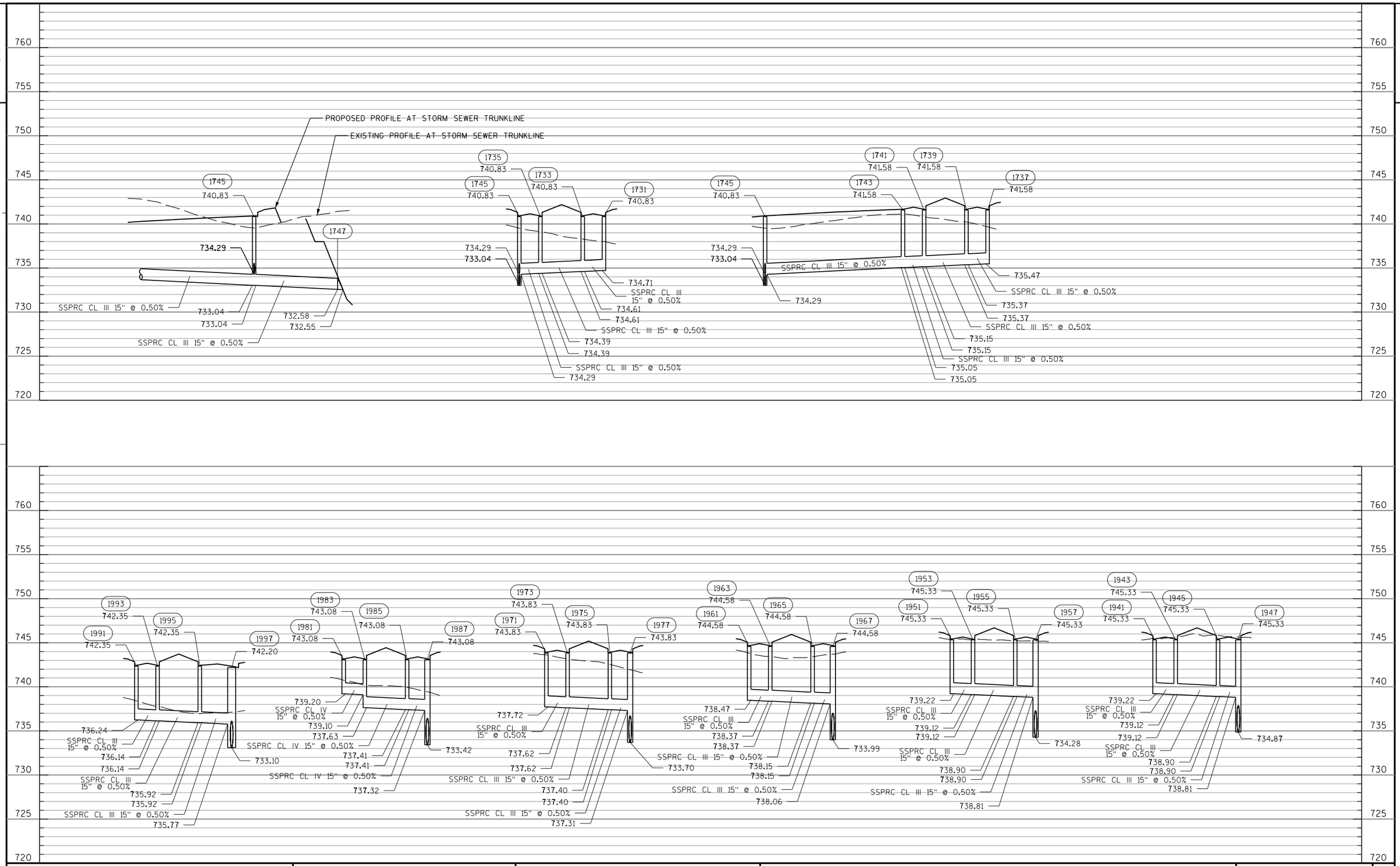

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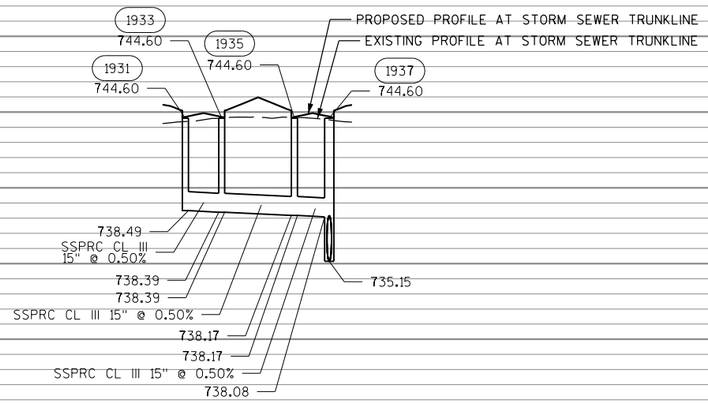

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PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	STORM SEWER PLAN AND PROFILE: WISCONN VALLEY WAY	SHEET	E

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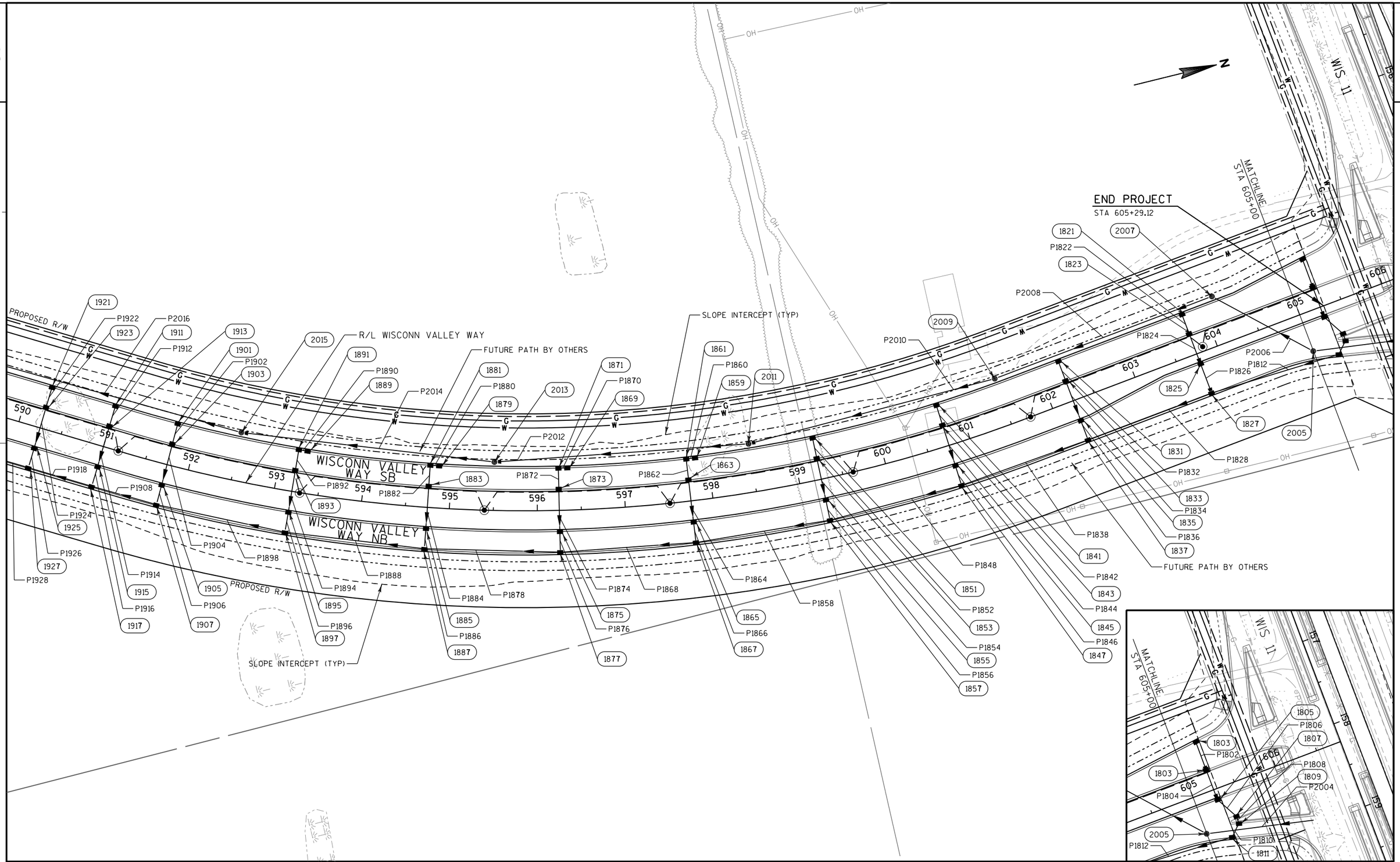

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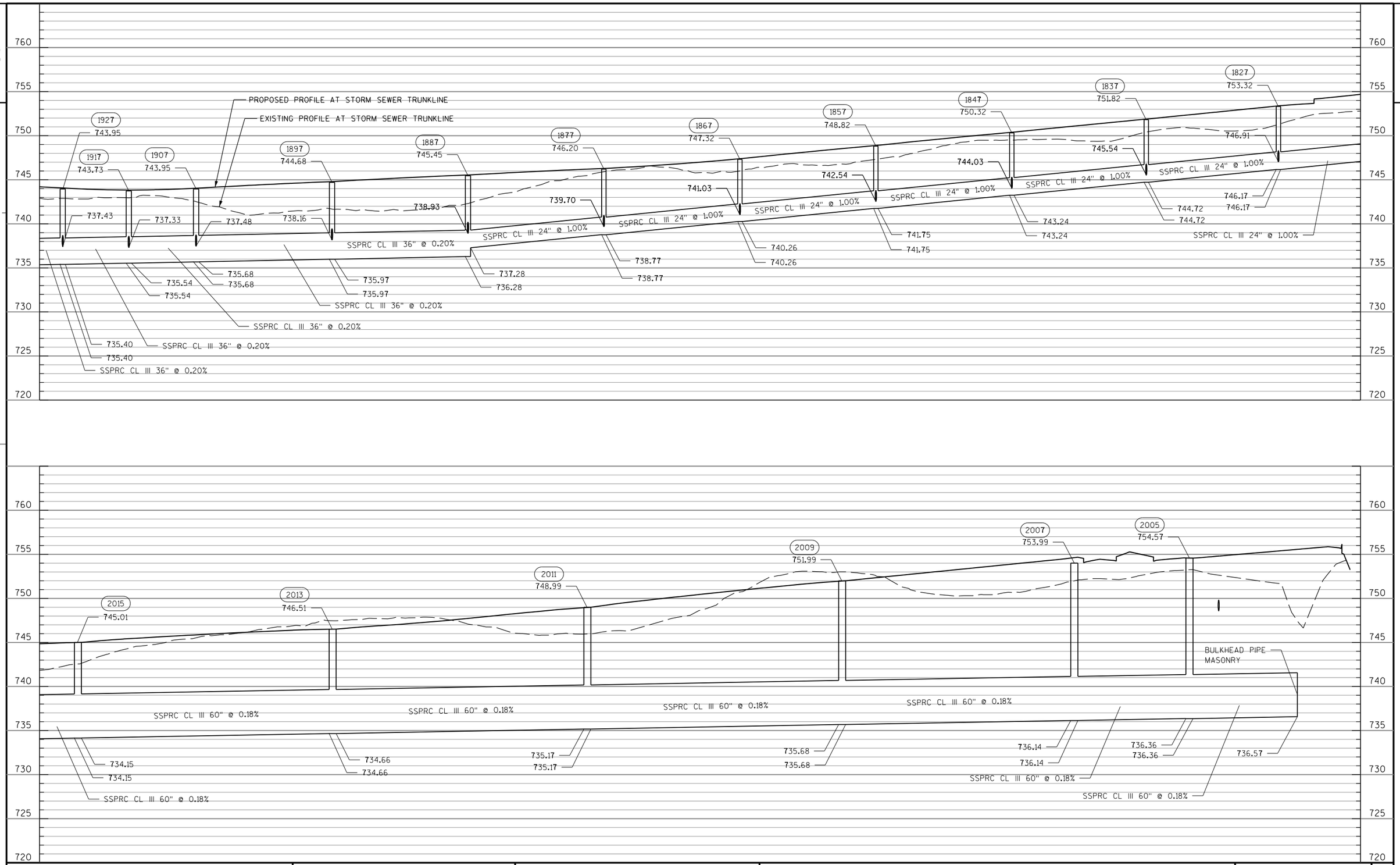

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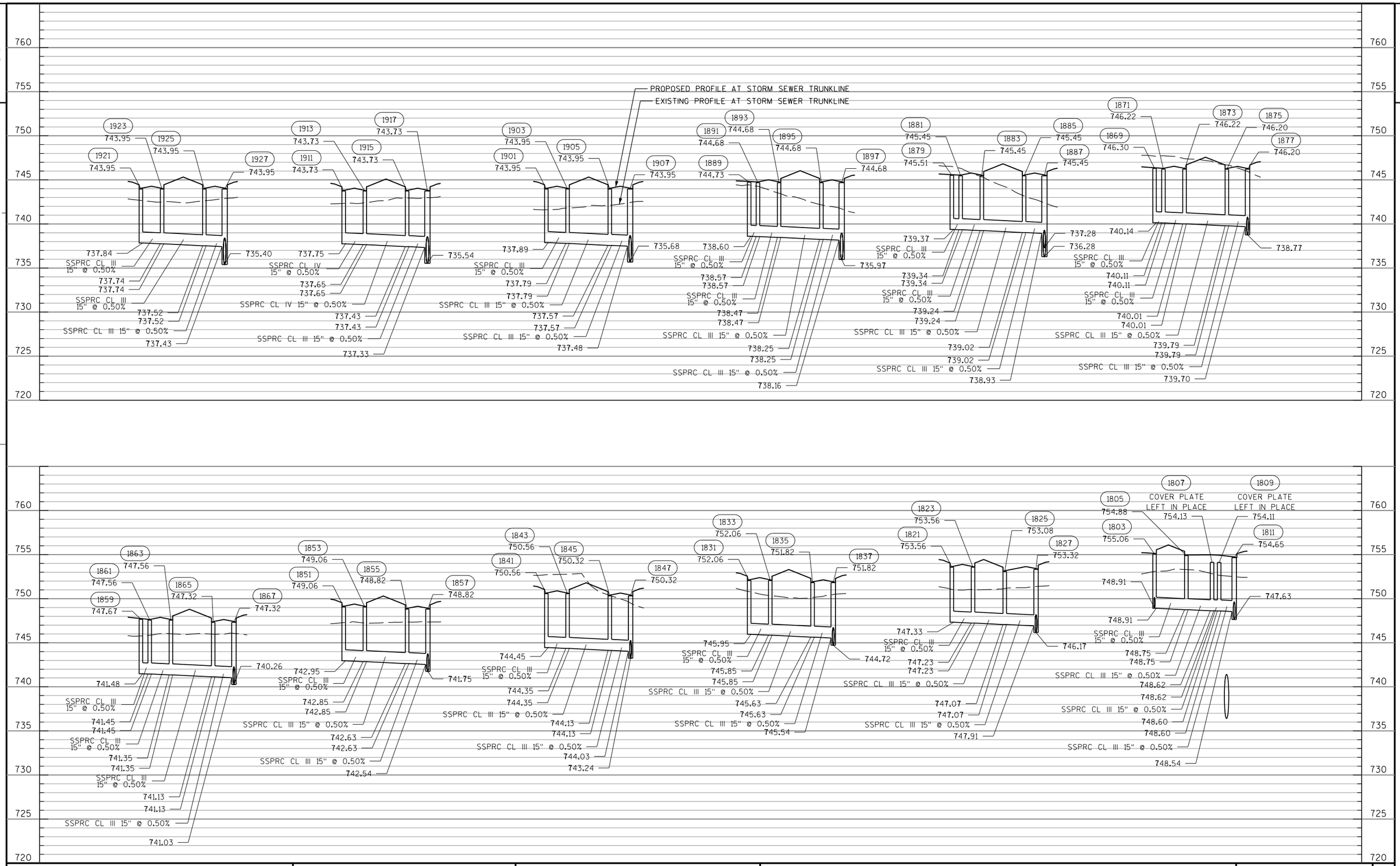

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N

R/L BRAUN ROAD WB

PROPOSED R/W

BRAUN ROAD WB

BRAUN ROAD EB

R/L BRAUN ROAD EB

SLOPE INTERCEPT (TYP.)

SOUTH SYLVANIA AVE.

EAST FRONTAGE ROAD

MATCHLINE 64BRE+90

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	STORM SEWER: BRAUN ROAD	SHEET	E

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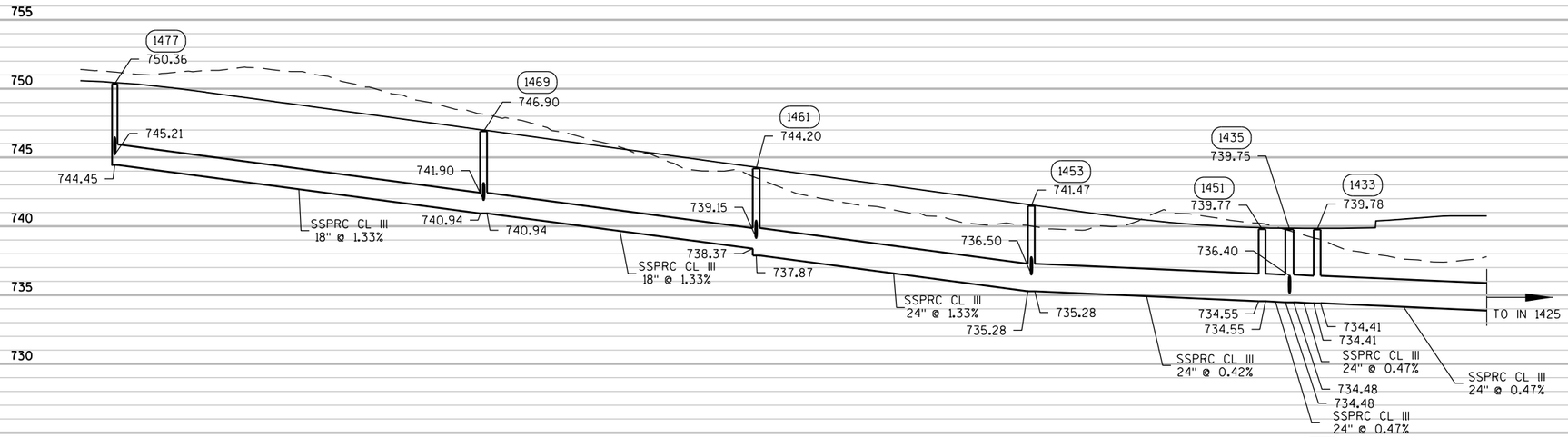
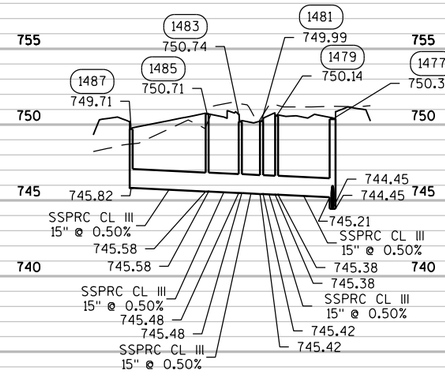
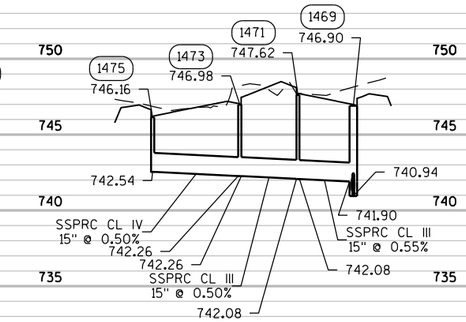
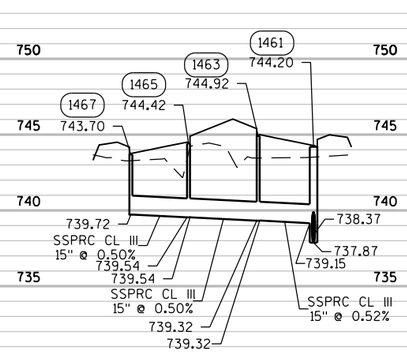
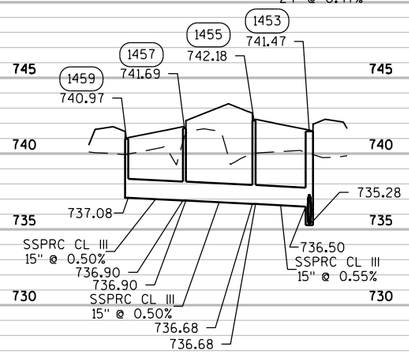
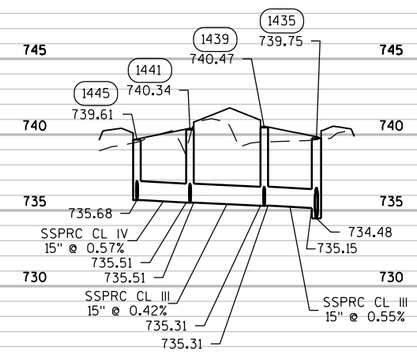


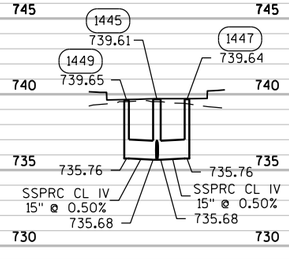


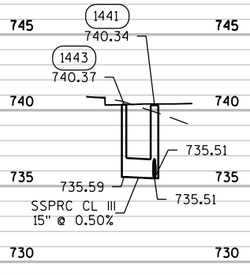


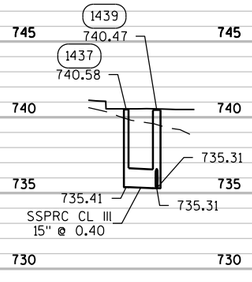












PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	STORM SEWER: BRAUN ROAD PROFILES	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW_PLOT_SHEET_25011_20180710:27:28 AM PLOT BY : apatek PLOT NAME : PLOT SCALE : 100:1

2

2

N

WISCONN VALLEY WAY SB

WISCONN VALLEY WAY NB

BRAUN ROAD WB

BRAUN ROAD EB

R/L BRAUN ROAD WB

R/L BRAUN ROAD EB

SLOPE INTERCEPT (TYP.)

CONCRETE COLLAR TO ADD AT END OF P1394

PROPOSED R/W

MATCHLINE 64BRE+90

1375 1393 P1492 P1394 1493 1489 P1488 1401 1431 P1430 1423 P1402 P1400 1403 1429 P1404 P1422 1405 1428 1415 P1420 P1490 1421 P1406 1427 1491 P1414 1407 1419 P1426 P1418 1413 P1408 P1432 1409 1417 1425 P1424 P1412 P1410 P1416 1411 P1495 1494 P1550 1563

556 557 558 559 560 553 554 551 552 555

66BRW 68BRW 70BRW 72BRW 74BRW 76BRW 78BRW 80BRW

66BRE 68BRE 70BRE 72BRE 74BRE 76BRE 80BRE

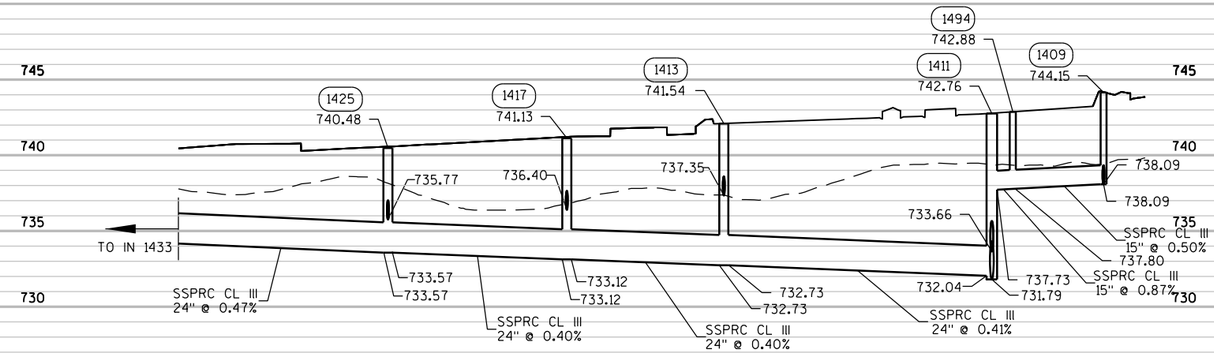
SAN MH G W OH POST

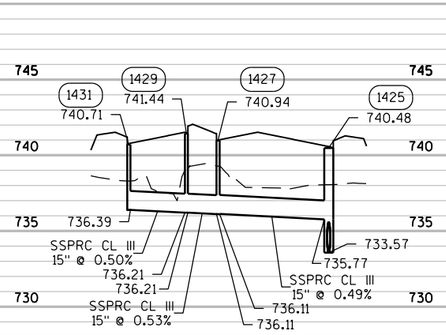
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	STORM SEWER: BRAUN ROAD	SHEET	E

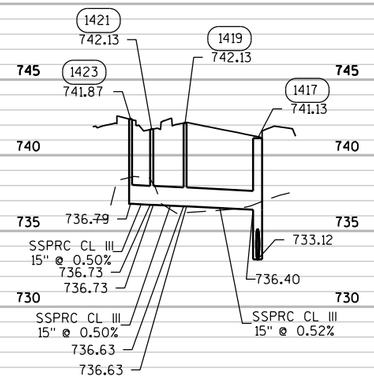
FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PlotSheets\250121_BRAUN_PLOT.dgn 10:27:33 AM PLOT BY : apatek PLOT NAME : PLOT SCALE : 100:1

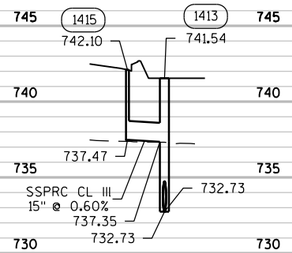
WISDOT/CADDS SHEET 42

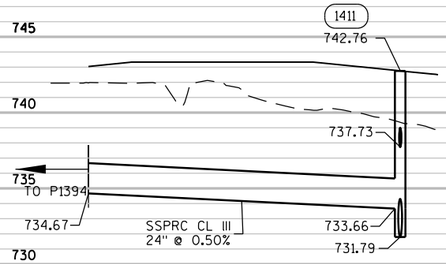
2

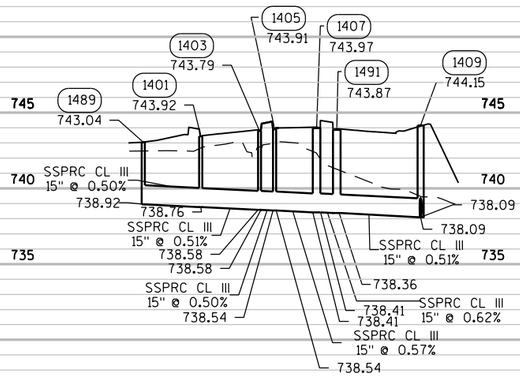


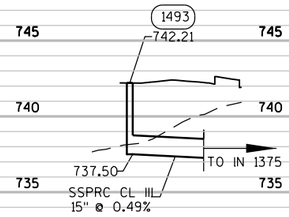












PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	STORM SEWER: BRAUN ROAD PROFILES	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PlotSheets\22501_sht_PROF.dgn 10:27:39 AM PLOT BY : apatek PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

BEGIN PROJECT
STA 501+54.47

FUTURE PATH BY OTHERS

SLOPE INTERCEPT (TYP)

PROPOSED R/W

R/L WISCONN VALLEY WAY

WISCONN VALLEY WAY SB

WISCONN VALLEY WAY NB

501 502 503 504 505 506 507 508 509 510 511 512 513

CTH KR

CURVE 4

CURVE 1

POND 1

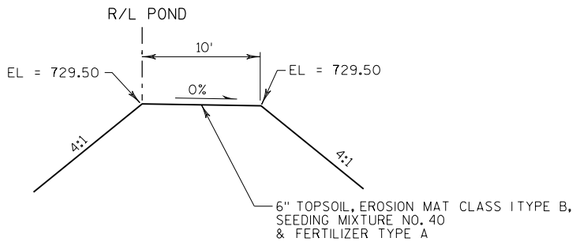
CURVE 3

CURVE 2

10' WIDE MAINTENANCE ROAD

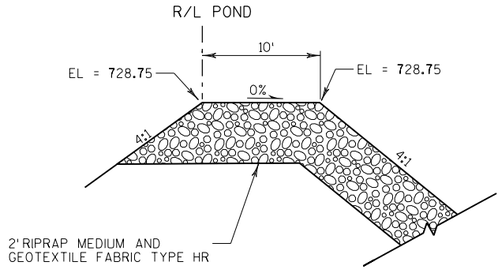
CURVE 1	CURVE 2	CURVE 3	CURVE 4
PC=1+00.00	PC=2+99.12	PC=4+68.23	PC=6+67.35
X=596902.68	X=597077.10	X=597119.69	X=596945.27
Y=165376.52	Y=165418.83	Y=165274.41	Y=165232.10
PI=1+44.00	PI=3+43.12	PI=5+12.23	PI=7+11.35
X=596903.10	X=597121.09	X=597119.26	X=596901.27
Y=165420.52	Y=165418.40	Y=165230.41	Y=165232.53
PT=1+69.12	PT=3+68.23	PT=5+37.35	PT=7+36.46
X=596947.10	X=597120.67	X=597075.27	X=596901.70
Y=165420.09	Y=165374.40	Y=165230.84	Y=165276.53
R=44.0000	R=44.0000	R=44.0000	R=44.0000
DELTA=90°00'00" RT	DELTA=90°00'00" RT	DELTA=90°00'00" RT	DELTA=90°00'00" RT
D=130°13'04"	D=130°13'04"	D=130°13'04"	D=130°13'04"
L=69.1150	L=69.1150	L=69.1150	L=69.1150
T=44.0000	T=44.0000	T=44.0000	T=44.0000
BK=N 0°33'27" E	BK=S 89°26'33" E	BK=S 0°33'27" W	BK=N 89°26'33" W
AH=S 89°26'33" E	AH=S 0°33'27" W	AH=N 89°26'33" W	AH=N 0°33'27" E

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	STORM SEWER POND OVERVIEW	SHEET	E



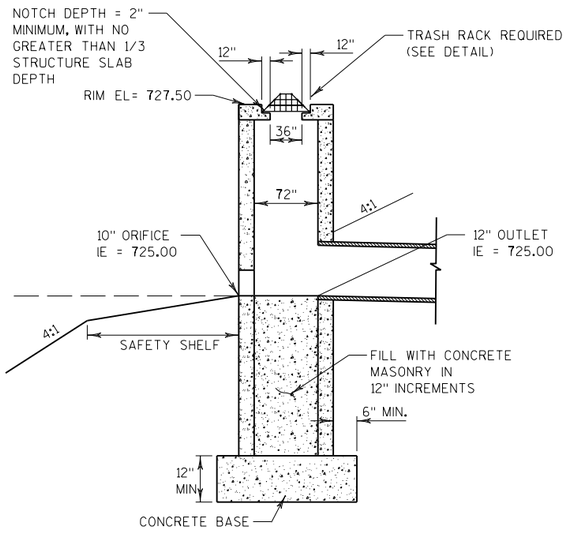
TYPICAL SECTION POND ACCESS ROAD

STA 0+00.00 RT TO STA 4+40.00 RT
STA 4+50.00 RT TO STA 7+36.46 RT



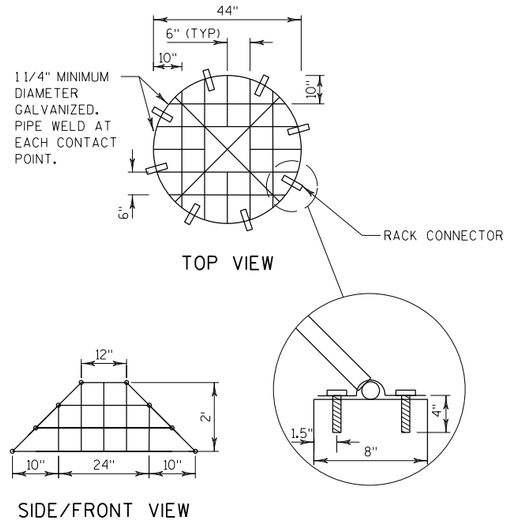
TYPICAL SECTION POND ACCESS ROAD - OVERFLOW

STA 4+40.00 RT TO STA 4+50.00 RT



POND 1 OUTLET STORM SEWER STRUCTURE DETAIL

STRUCTURE 1019
MANHOLE 6-FT
NTS



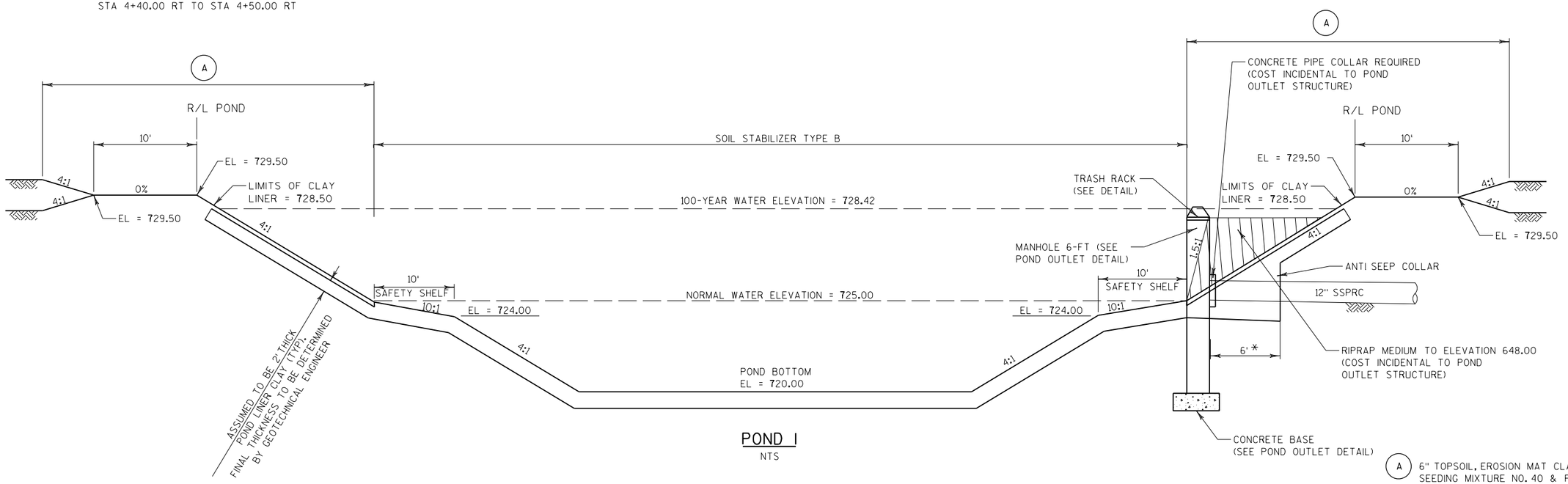
TRASH RACK

NTS

NOTES

1. REFER TO STANDARD DETAIL DRAWING FOR MANHOLE 6-FT FOR ADDITIONAL INFORMATION.
2. OUTLET STRUCTURE WILL BE PAID FOR AS POND 1 OUTLET STORM SEWER STRUCTURE.
3. TRASH RACKS WILL BE GALVANIZED OR SIMILARLY PROTECTED FROM CORROSION AND APPROVED BY THE ENGINEER.
4. CONNECTOR DEVICE WILL BE REMOVABLE AND APPROVED BY THE ENGINEER.
5. ANTI-SEEP COLLAR OF CLAY OR BENTONITE REQUIRED AROUND POND OUTLET DISCHARGE PIPE TO PREVENT BACKFLOW OF WATER THROUGH THE SEWER TRENCH. ANTI-SEEP COLLARS MUST EXTEND FROM 1-FOOT ABOVE THE TOP OF PIPE TO THE BOTTOM OF EXCAVATED TRENCH AND BE CONNECTED WITH THE POND LINER PER DETAIL. ANTI-SEEP COLLAR IS INCIDENTAL TO PIPE AND INSTALLATION.
6. RIPRAP PLACED ON TOP OF CLAY LINER NOT TO BE DUG IN.

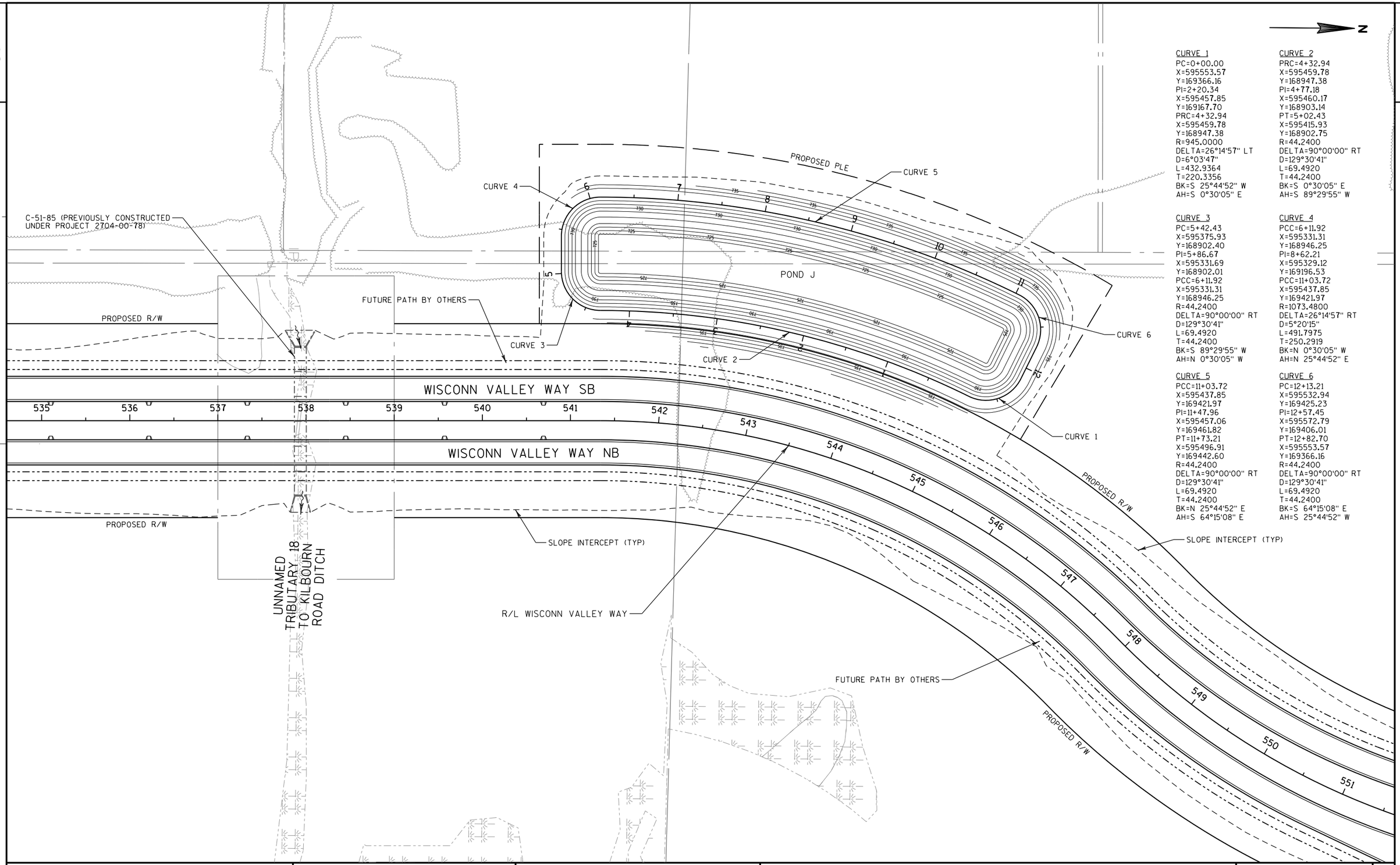
* ANTI-SEEP COLLAR TO BE MINIMUM 1-FOOT FROM OUTLET PIPE JOINT. ANTI-SEEP COLLAR MAY COVER JOINT, SO LONG AS END OF COLLAR IS A MINIMUM 1-FOOT PAST JOINT. ANTI-SEEP COLLAR TO BE CONNECTED TO POND LINER.



POND 1

NTS

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	STORM SEWER POND 1 DETAILS	SHEET	E



CURVE 1
PC=0+00.00
X=595553.57
Y=169366.16
PI=2+20.34
X=595457.85
Y=169167.70
PRC=4+32.94
X=595459.78
Y=168947.38
R=945.0000
DELTA=26°14'57" LT
D=6°03'47"
L=432.9364
T=220.3356
BK=S 25°44'52" W
AH=S 0°30'05" E

CURVE 2
PRC=4+32.94
X=595459.78
Y=168947.38
PI=4+77.18
X=595460.17
Y=168903.14
PT=5+02.43
X=595415.93
Y=168902.75
R=44.2400
DELTA=90°00'00" RT
D=129°30'41"
L=69.4920
T=44.2400
BK=S 0°30'05" E
AH=S 89°29'55" W

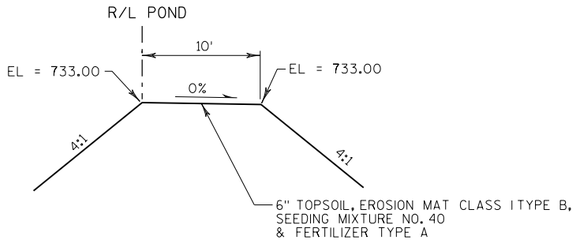
CURVE 3
PC=5+42.43
X=595375.93
Y=168902.40
PI=5+86.67
X=595331.69
Y=168902.01
PCC=6+11.92
X=595331.31
Y=168946.25
R=44.2400
DELTA=90°00'00" RT
D=129°30'41"
L=69.4920
T=44.2400
BK=S 89°29'55" W
AH=N 0°30'05" W

CURVE 4
PCC=6+11.92
X=595331.31
Y=168946.25
PI=8+62.21
X=595329.12
Y=169196.53
PCC=11+03.72
X=595437.85
Y=169421.97
R=1073.4800
DELTA=26°14'57" RT
D=5°20'15"
L=491.7975
T=250.2919
BK=N 0°30'05" W
AH=N 25°44'52" E

CURVE 5
PCC=11+03.72
X=595437.85
Y=169421.97
PI=11+47.96
X=595457.06
Y=169461.82
PT=11+73.21
X=595496.91
Y=169442.60
R=44.2400
DELTA=90°00'00" RT
D=129°30'41"
L=69.4920
T=44.2400
BK=N 25°44'52" E
AH=S 64°15'08" E

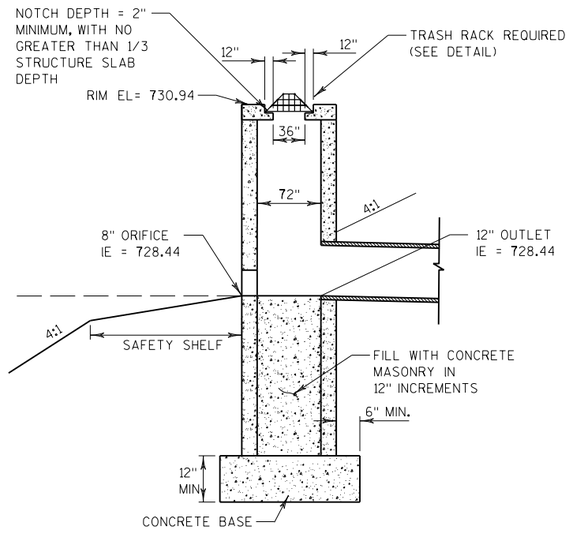
CURVE 6
PC=12+13.21
X=595532.94
Y=169425.23
PI=12+57.45
X=595572.79
Y=169406.01
PT=12+82.70
X=595553.57
Y=169366.16
R=44.2400
DELTA=90°00'00" RT
D=129°30'41"
L=69.4920
T=44.2400
BK=S 64°15'08" E
AH=S 25°44'52" W

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	STORM SEWER POND OVERVIEW	SHEET	E



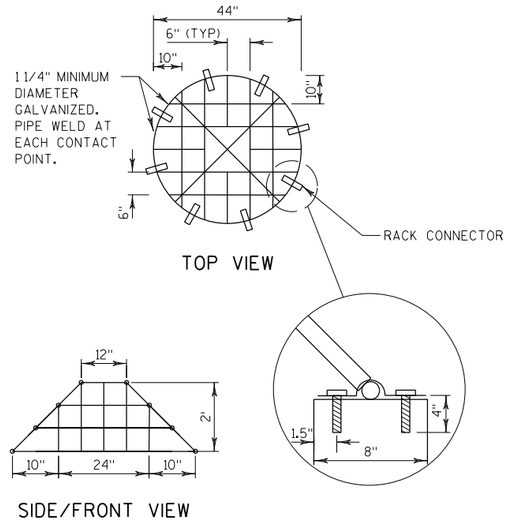
TYPICAL SECTION POND ACCESS ROAD

STA 0+00.00 RT TO STA 12+82.70 RT



POND J OUTLET STORM SEWER STRUCTURE DETAIL

STRUCTURE 1271
MANHOLE 6-FT
NTS



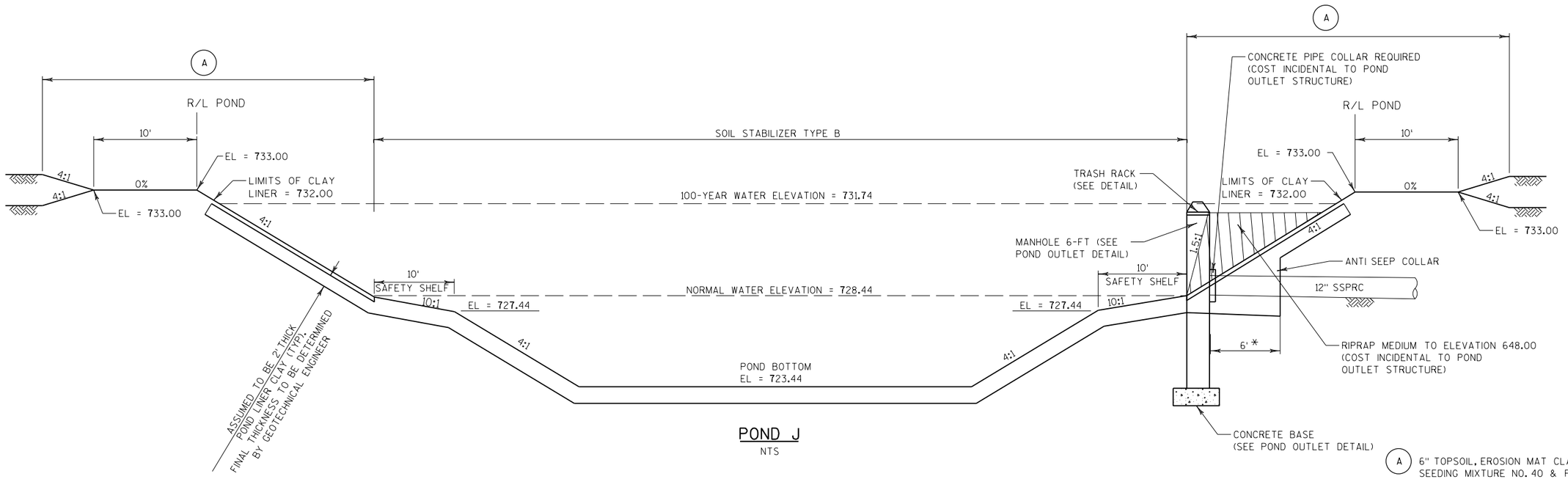
TRASH RACK

NTS

NOTES

1. REFER TO STANDARD DETAIL DRAWING FOR MANHOLE 6-FT FOR ADDITIONAL INFORMATION.
2. OUTLET STRUCTURE WILL BE PAID FOR AS POND J OUTLET STORM SEWER STRUCTURE.
3. TRASH RACKS WILL BE GALVANIZED OR SIMILARLY PROTECTED FROM CORROSION AND APPROVED BY THE ENGINEER.
4. CONNECTOR DEVICE WILL BE REMOVABLE AND APPROVED BY THE ENGINEER.
5. ANTI-SEEP COLLAR OF CLAY OR BENTONITE REQUIRED AROUND POND OUTLET DISCHARGE PIPE TO PREVENT BACKFLOW OF WATER THROUGH THE SEWER TRENCH. ANTI-SEEP COLLARS MUST EXTEND FROM 1-FOOT ABOVE THE TOP OF PIPE TO THE BOTTOM OF EXCAVATED TRENCH AND BE CONNECTED WITH THE POND LINER PER DETAIL. ANTI-SEEP COLLAR IS INCIDENTAL TO PIPE AND INSTALLATION.
6. RIPRAP PLACED ON TOP OF CLAY LINER NOT TO BE DUG IN.

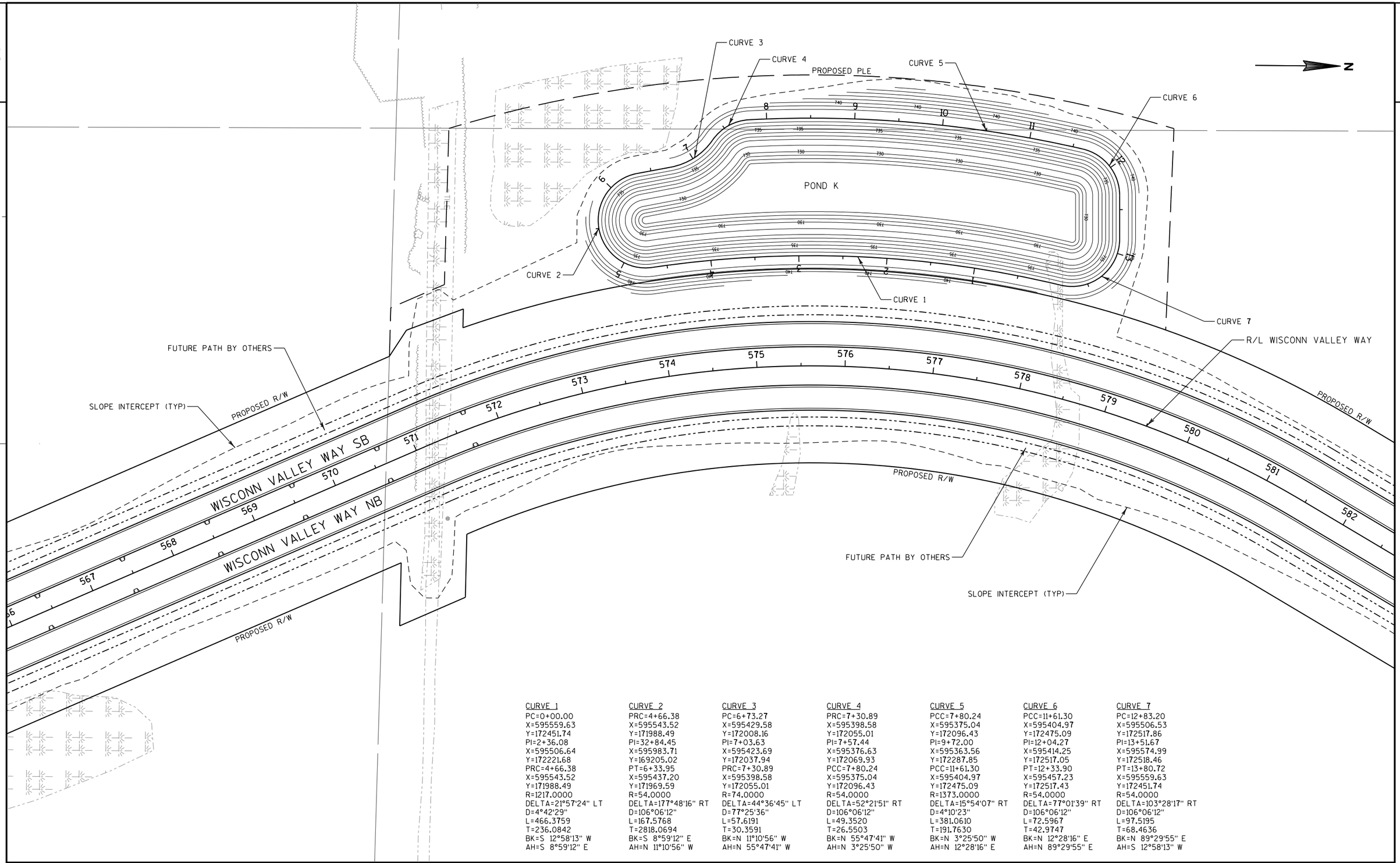
* ANTI-SEEP COLLAR TO BE MINIMUM 1-FOOT FROM OUTLET PIPE JOINT. ANTI-SEEP COLLAR MAY COVER JOINT, SO LONG AS END OF COLLAR IS A MINIMUM 1-FOOT PAST JOINT. ANTI-SEEP COLLAR TO BE CONNECTED TO POND LINER.



POND J

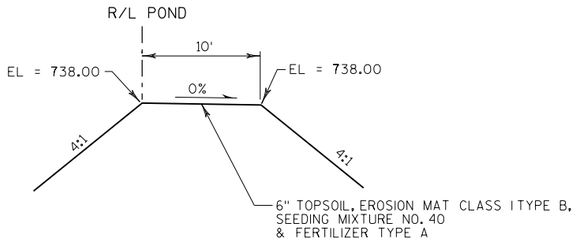
NTS

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	STORM SEWER POND J DETAILS	SHEET	E



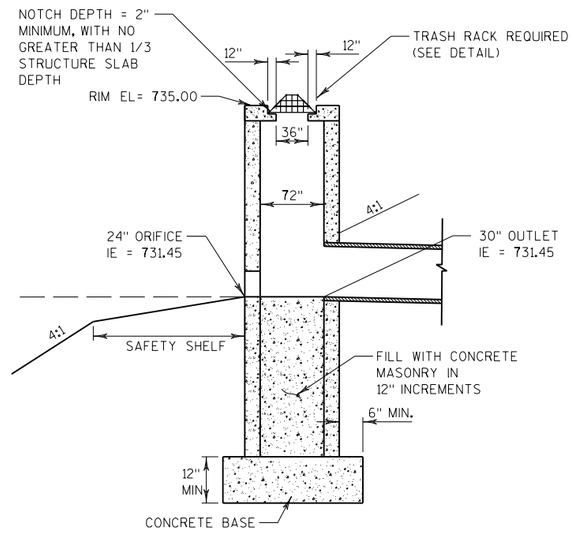
CURVE 1	CURVE 2	CURVE 3	CURVE 4	CURVE 5	CURVE 6	CURVE 7
PC=0+00.00	PRC=4+66.38	PC=6+73.27	PRC=7+30.89	PCC=7+80.24	PCC=11+61.30	PC=12+83.20
X=595559.63	X=595543.52	X=595429.58	X=595398.58	X=595375.04	X=595404.97	X=595506.53
Y=172451.74	Y=171988.49	Y=172008.16	Y=172055.01	Y=172096.43	Y=172475.09	Y=172517.86
PI=2+36.08	PI=32+84.45	PI=7+03.63	PI=7+57.44	PI=9+72.00	PI=12+04.27	PI=13+51.67
X=595506.64	X=595983.71	X=595423.69	X=595376.63	X=595363.56	X=595414.25	X=595574.99
Y=172221.68	Y=169205.02	Y=172037.94	Y=172069.93	Y=172287.85	Y=172517.05	Y=172518.46
PRC=4+66.38	PT=6+33.95	PRC=7+30.89	PCC=7+80.24	PCC=11+61.30	PT=12+33.90	PT=13+80.72
X=595543.52	X=595437.20	X=595398.58	X=595375.04	X=595404.97	X=595457.23	X=595559.63
Y=171988.49	Y=171969.59	Y=172055.01	Y=172096.43	Y=172475.09	Y=172517.43	Y=172451.74
R=1217.0000	R=54.0000	R=74.0000	R=54.0000	R=1373.0000	R=54.0000	R=54.0000
DELTA=21°57'24" LT	DELTA=177°48'16" RT	DELTA=44°36'45" LT	DELTA=52°21'51" RT	DELTA=15°54'07" RT	DELTA=77°01'39" RT	DELTA=103°28'17" RT
D=4°42'29"	D=106°06'12"	D=77°25'36"	D=106°06'12"	D=4°10'23"	D=106°06'12"	D=106°06'12"
L=466.3759	L=167.5768	L=57.6191	L=49.3520	L=381.0610	L=72.5967	L=97.5195
T=236.0842	T=2818.0694	T=30.3591	T=26.5503	T=191.7630	T=42.9747	T=68.4636
BK=S 12°58'13" W	BK=S 8°59'12" E	BK=N 11°10'56" W	BK=N 55°47'41" W	BK=N 3°25'50" W	BK=N 12°28'16" E	BK=N 89°29'55" E
AH=S 8°59'12" E	AH=N 11°10'56" W	AH=N 55°47'41" W	AH=N 3°25'50" W	AH=N 12°28'16" E	AH=N 89°29'55" E	AH=S 12°58'13" W

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	STORM SEWER POND OVERVIEW	SHEET	E



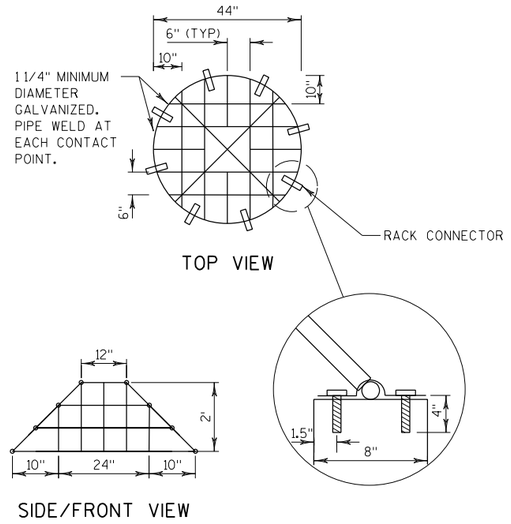
TYPICAL SECTION POND ACCESS ROAD

STA 0+00.00 RT TO STA 13+80.72 RT



POND K OUTLET STORM SEWER STRUCTURE DETAIL

STRUCTURE 1711
MANHOLE 6-FT
NTS



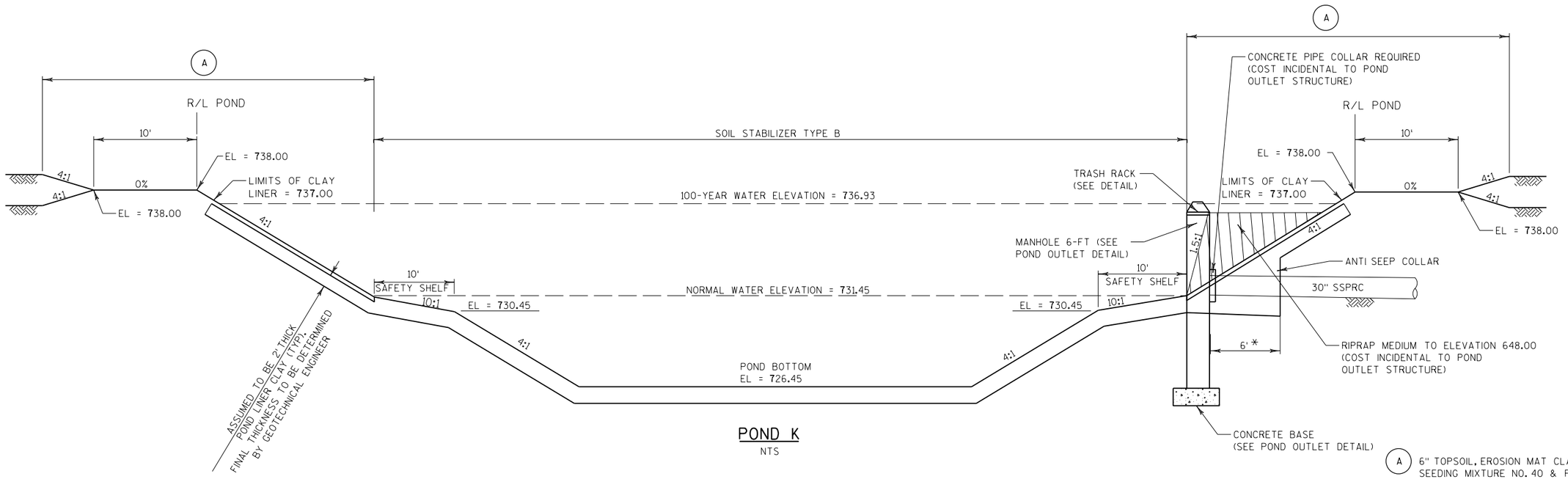
TRASH RACK

NTS

NOTES

1. REFER TO STANDARD DETAIL DRAWING FOR MANHOLE 6-FT FOR ADDITIONAL INFORMATION.
2. OUTLET STRUCTURE WILL BE PAID FOR AS POND K OUTLET STORM SEWER STRUCTURE.
3. TRASH RACKS WILL BE GALVANIZED OR SIMILARLY PROTECTED FROM CORROSION AND APPROVED BY THE ENGINEER.
4. CONNECTOR DEVICE WILL BE REMOVABLE AND APPROVED BY THE ENGINEER.
5. ANTI-SEEP COLLAR OF CLAY OR BENTONITE REQUIRED AROUND POND OUTLET DISCHARGE PIPE TO PREVENT BACKFLOW OF WATER THROUGH THE SEWER TRENCH. ANTI-SEEP COLLARS MUST EXTEND FROM 1-FOOT ABOVE THE TOP OF PIPE TO THE BOTTOM OF EXCAVATED TRENCH AND BE CONNECTED WITH THE POND LINER PER DETAIL. ANTI-SEEP COLLAR IS INCIDENTAL TO PIPE AND INSTALLATION.
6. RIPRAP PLACED ON TOP OF CLAY LINER NOT TO BE DUG IN.

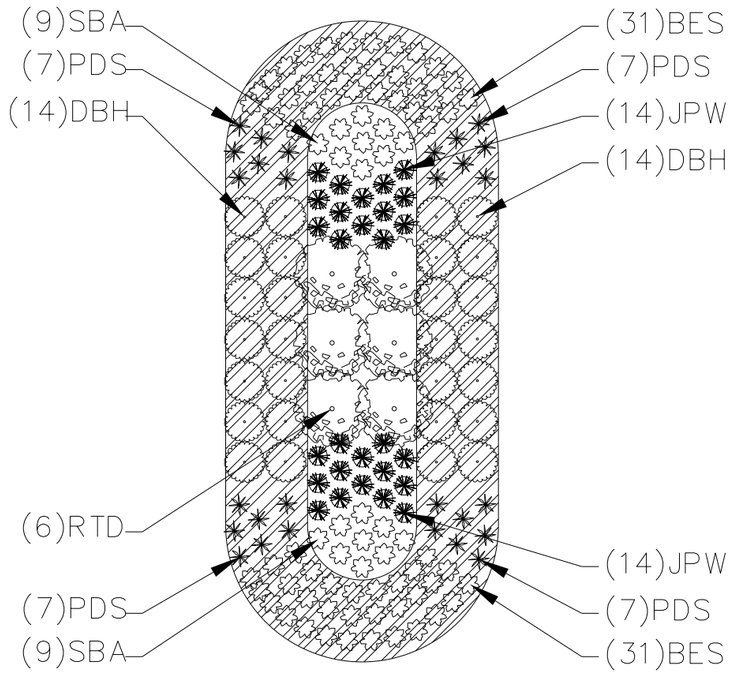
* ANTI-SEEP COLLAR TO BE MINIMUM 1-FOOT FROM OUTLET PIPE JOINT. ANTI-SEEP COLLAR MAY COVER JOINT, SO LONG AS END OF COLLAR IS A MINIMUM 1-FOOT PAST JOINT. ANTI-SEEP COLLAR TO BE CONNECTED TO POND LINER.



POND K

NTS

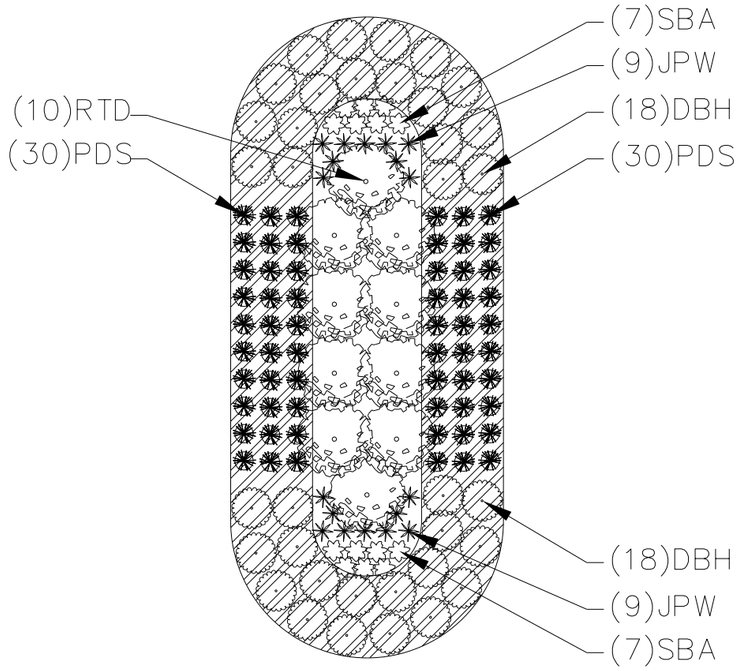
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	STORM SEWER POND K DETAILS	SHEET	E



BIORETENTION CELL A:
PLANTING DESIGN

Bioretention A - Plant Schedule

	Scientific Name	Common Name	Quantity	Spacing	Install Size	Size
						Maturity in ft. (Height/Spread)
Deciduous Shrubs						
DBH	Diervilla lonicera	Dwarf Bush Honey-suckle	28	Per Plan	#3 cont.	3-4'/4-5'
RTD	Cornus sericea	Redtwig Dogwood	6	Per Plan	#3 cont.	7-9'/8-10'
Perennials						
BES	Rudbeckia fulgida	Black-eyed Susan	48	Per Plan	4.5" plugs	
JPW	Eupatorium maculatum	Spotted Joe-Pye Weed	15	Per Plan	4.5" plugs	
PDS	Sporobulus heterolepsis	Prairie Dropseed Grass	11	Per Plan	4.5" plugs	
SBA	Aster azureus	Sky Blue Aster	12	Per Plan	4.5" plugs	



BIORETENTION CELL B:
PLANTING DESIGN

Bioretention B - Plant Schedule

	Scientific Name	Common Name	Quantity	Spacing	Install Size	Size
						Maturity in ft. (Height/Spread)
Deciduous Shrubs						
DBH	Diervilla lonicera	Dwarf Bush Honey-suckle	36	Per Plan	#3 cont.	3-4'/4-5'
RTD	Cornus sericea	Redtwig Dogwood	10	Per Plan	#3 cont.	7-9'/8-10'
Perennials						
JPW	Eupatorium maculatum	Spotted Joe-Pye Weed	18	Per Plan	4.5" plug	
PDS	Sporobulus heterolepsis	Prairie Dropseed Grass	60	Per Plan	4.5" plug	
SBA	Aster azureus	Sky Blue Aster	14	Per Plan	4.5" plug	

2

2

N

EAST FRONTAGE ROAD

REMOVE
R002

BRAUN ROAD

54BRW 56BRW 58BRW 60BRW 62BRW 64BRW

50BRE 52BRE 54BRE 56BRE 58BRE 60BRE 62BRE 64BRE

Eqn54+36.47
Eqn54+36.41

SPEED LIMIT 45
REMOVE
R001

MATCHLINE A 65BRE+00

POST

OMP

LEGEND

EXISTING SIGN MOUNTED ON POST

XXXX DENOTES SIGN NUMBER

PROJECT NO:2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY:RACINE	EXISTING SIGNING	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\EXIST_SIGN_Z31011_e27.dgn 11/27/2018 3:45:07 PM PLOT BY : jdepies PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

2

N

MATCHLINE A 65BRE+00

66BRW 68BRW 70BRW 72BRW 74BRW 76BRW 78BRW 80BRW

BRAUN ROAD

66BRE 68BRE 70BRE 72BRE 74BRE 76BRE 78BRE 80BRE

SPEED LIMIT 45
REMOVE
R003

SPEED LIMIT 45
REMOVE
R004

POST

LEGEND

EXISTING SIGN MOUNTED ON POST

XXXX DENOTES SIGN NUMBER

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	EXISTING SIGNING	SHEET	E

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WISDOT/CADDS SHEET 42

2

ON STRUCTURE S-51-611

P005 6'x 7' TYPE I SIGN — SOUTH East Frontage Rd ONLY

P006 6'x 7' TYPE I SIGN — SOUTH West Frontage Rd ONLY

P007 4'x 5' TYPE I SIGN — Braun Rd ONLY

P008 6'x 7' TYPE I SIGN — NORTH West Frontage Rd ONLY

P009 6'x 7' TYPE I SIGN — NORTH East Frontage Rd ONLY

N

IH-94 EB/SB

IH-94 WB/NB

EAST FRONTAGE ROAD

P001 BEGIN LEFT TURN LANE R3-20LL 24" X 36"

P012 BEGIN LEFT TURN LANE R3-20L 24" X 36"

P013 P014 W3-3 36" X 36"

R/L BRAUN ROAD WB

54BRW 56BRW 58BRW 60BRW 62BRW 64BRW

BRAUN ROAD

50BRE 52BRE 54BRE 56BRE 58BRE 60BRE 62BRE 64BRE

MATCHLINE A 65BRE+00

SPEED LIMIT 35 R2-1 24" X 30" P010 P011

R/L BRAUN ROAD EB

P015 P016 W3-3 36" X 36"

BEGIN LEFT TURN LANE R3-20L 24" X 36" P017

P002 ONLY R3-5L 42" X 48"

Braun Rd 3' x 3.5' TYPE II SIGN P003

P004 ONLY R3-5R 42" X 48"

ON IH-94 NB BRIDGE

EAST FRONTAGE ROAD

LEGEND

- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN STRUCTURE
- PXXX PROPOSED SIGN NUMBER

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PERMANENT SIGNING	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTDWGS\2011pe27.dgn 27 Jun 2018 3:45:56 PM PLOT BY : jdepies PLOT NAME : PLOT SCALE : 100:1

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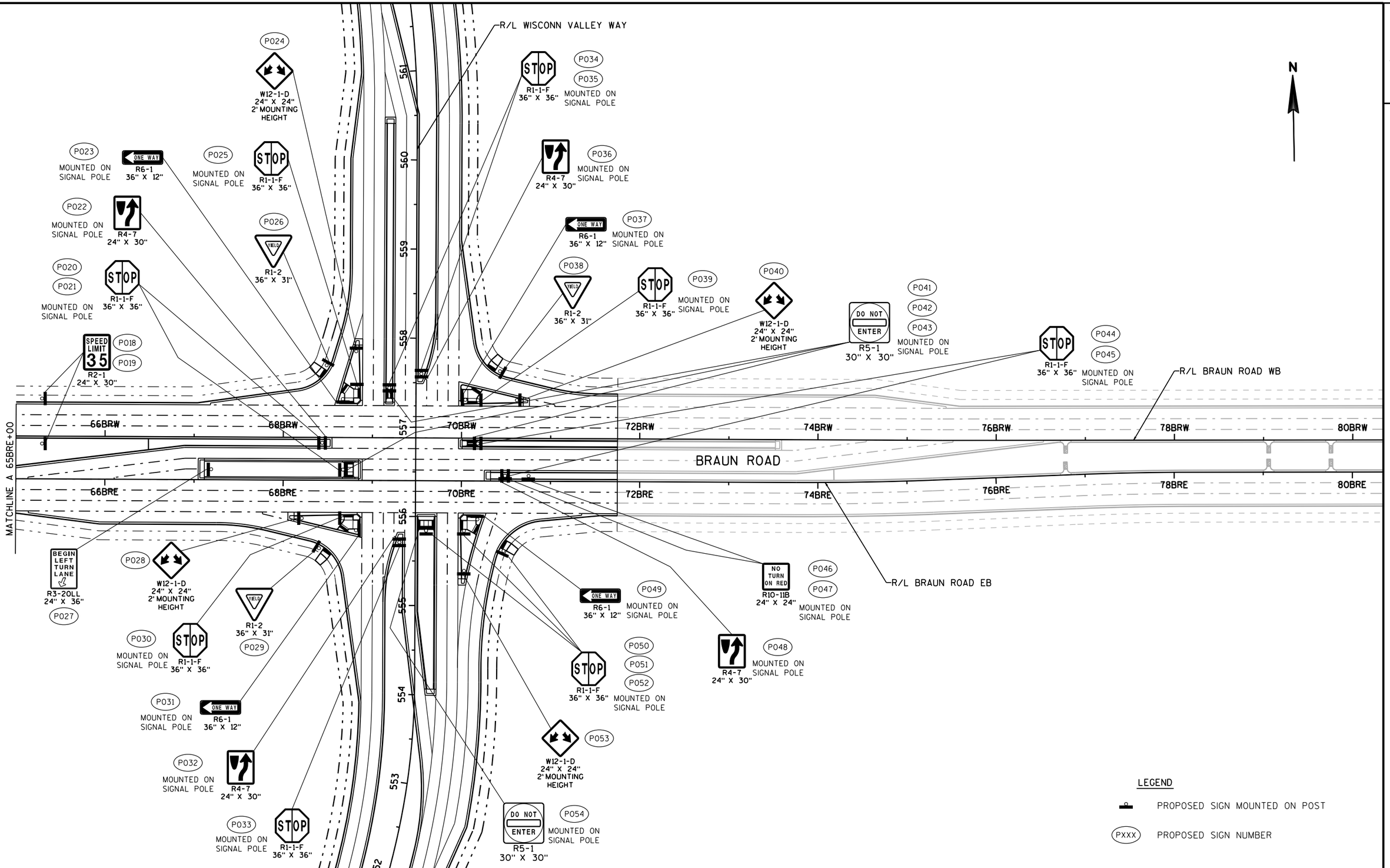

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PERMANENT SIGNING	SHEET	E

2

2

BEGIN PROJECT
STA 501+54.47

RIGHT LANE MUST TURN RIGHT
R3-7R
36" X 36"
P104

ONLY ONLY ONLY
R3-8S
54" X 30"
P110

WRONG WAY
R5-1A
36" X 24"
P108

BEGIN LEFT TURN LANE
R3-20L
24" X 36"
P109

P111
P112
JCT
M2-1
21" X 15"
COUNTY KR
M1-5A
24" X 24"
J1-1
24" X 39"

RIGHT LANE MUST TURN RIGHT
R3-7R
36" X 36"
P113

W3-3
36" X 36"
P114
P115

SPEED LIMIT 35
R2-1
24" X 30"
P116
P117

FUTURE PATH BY OTHERS

WISCONN VALLEY WAY SB

WISCONN VALLEY WAY NB

FUTURE PATH BY OTHERS

R/L WISCONN VALLEY WAY

CTH KR

ONE WAY
R6-2L
24" X 30"
P101

SPEED LIMIT 35
R2-1
24" X 30"
P102
P103

ONLY
R3-5L
42" X 48"
P105

ONLY
R3-5R
42" X 48"
P106

ONLY
R3-5R
42" X 48"
P107

ON STRUCTURE S-51-612
STA 503+12

LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN STRUCTURE

(PXXX) PROPOSED SIGN

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	SIGNING PLAN	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\023201_PS.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:100

2

N

FUTURE PATH BY OTHERS

R/L WISCONN VALLEY WAY

P203
P204
SPEED LIMIT 35
R2-1
24" X 30"

WISCONN VALLEY WAY SB

515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530

WISCONN VALLEY WAY NB

SPEED LIMIT 35
P201
P202
R2-1
24" X 30"

FUTURE PATH BY OTHERS

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN STRUCTURE
- (PXXX) PROPOSED SIGN

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	SIGNING PLAN	SHEET	E

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2

N

UNNAMED TRIBUTARY 18 TO KILBOURN ROAD DITCH

C-51-85 (PREVIOUSLY CONSTRUCTED UNDER PROJECT 2704-00-78)

R/L WISCONN VALLEY WAY

FUTURE PATH BY OTHERS

SPEED LIMIT 35 (P303) (P304)
R2-1
24" X 30"

WISCONN VALLEY WAY SB

530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545

WISCONN VALLEY WAY NB

SPEED LIMIT 35 (P301) (P302)
R2-1
24" X 30"

FUTURE PATH BY OTHERS

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN STRUCTURE
- (PXXX) PROPOSED SIGN

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	SIGNING PLAN	SHEET	E

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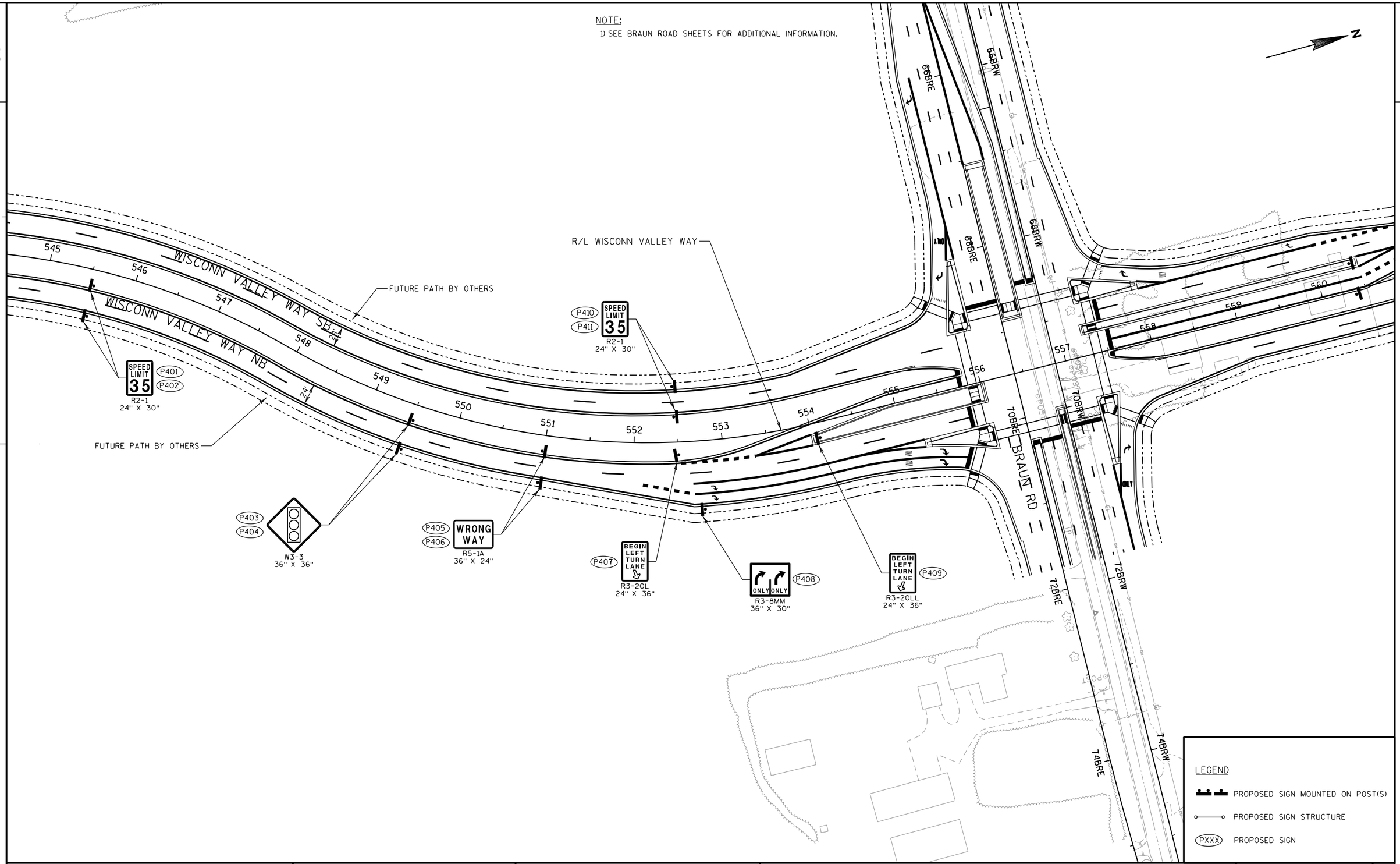
NOTE:
1) SEE BRAUN ROAD SHEETS FOR ADDITIONAL INFORMATION.



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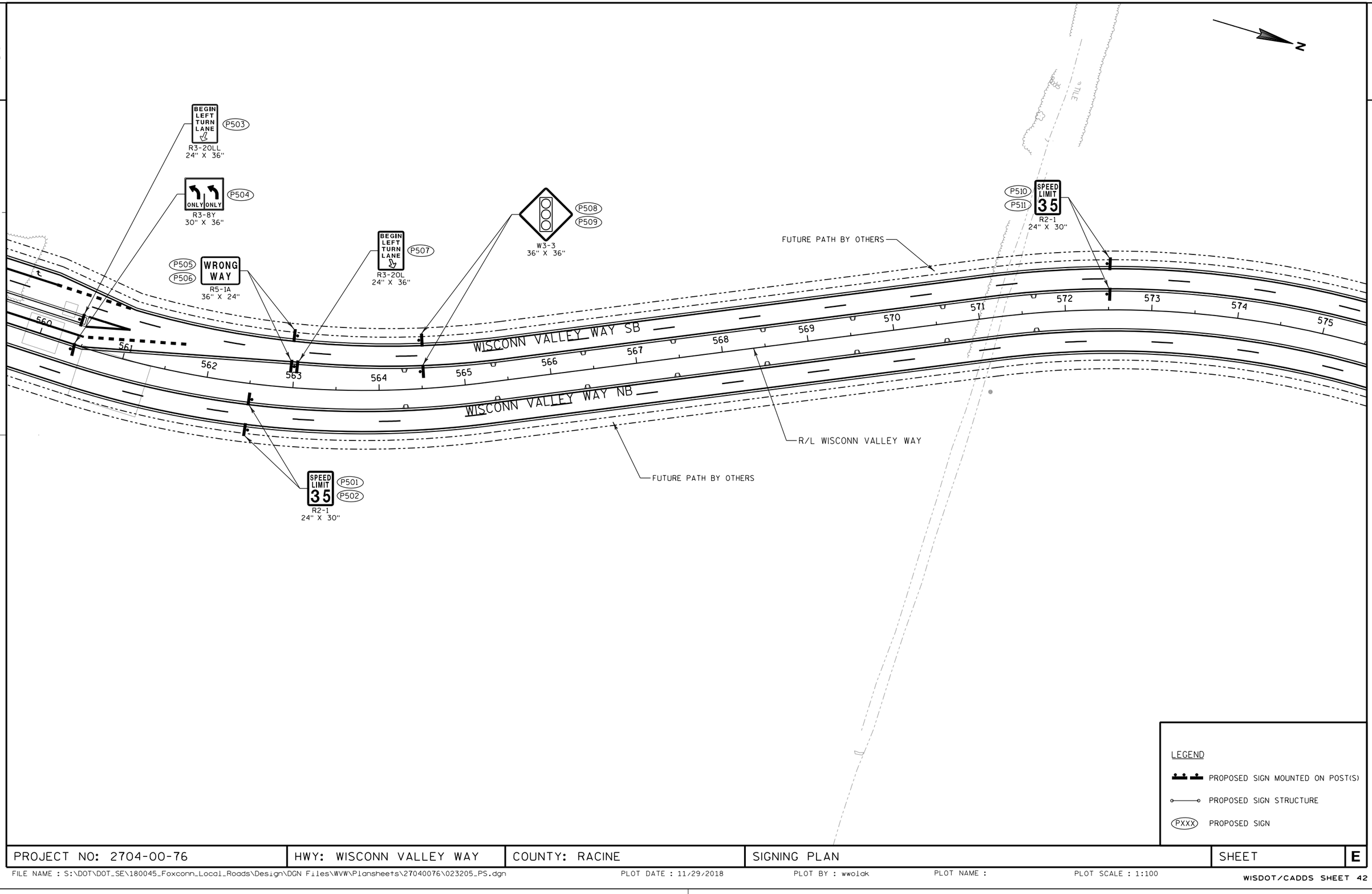

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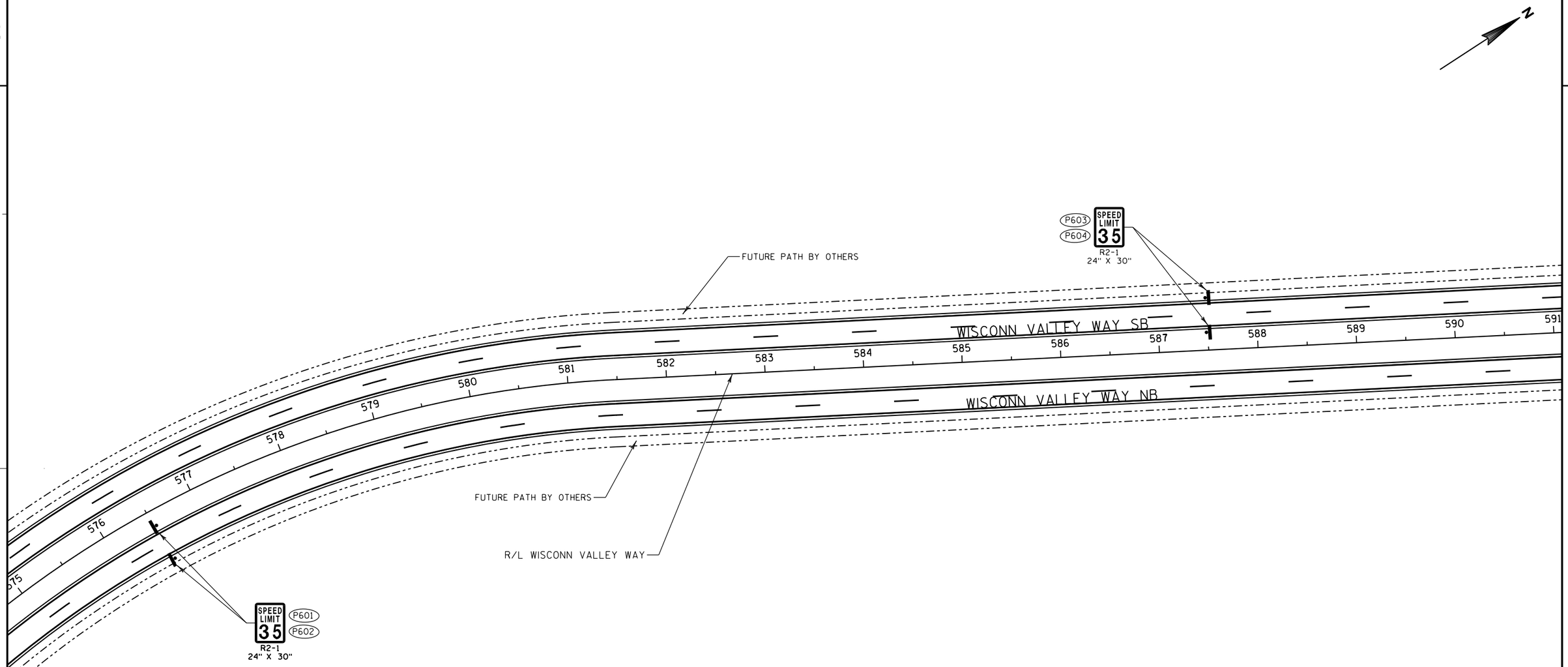

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN STRUCTURE
- (PXXX) PROPOSED SIGN

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	SIGNING PLAN	SHEET	E

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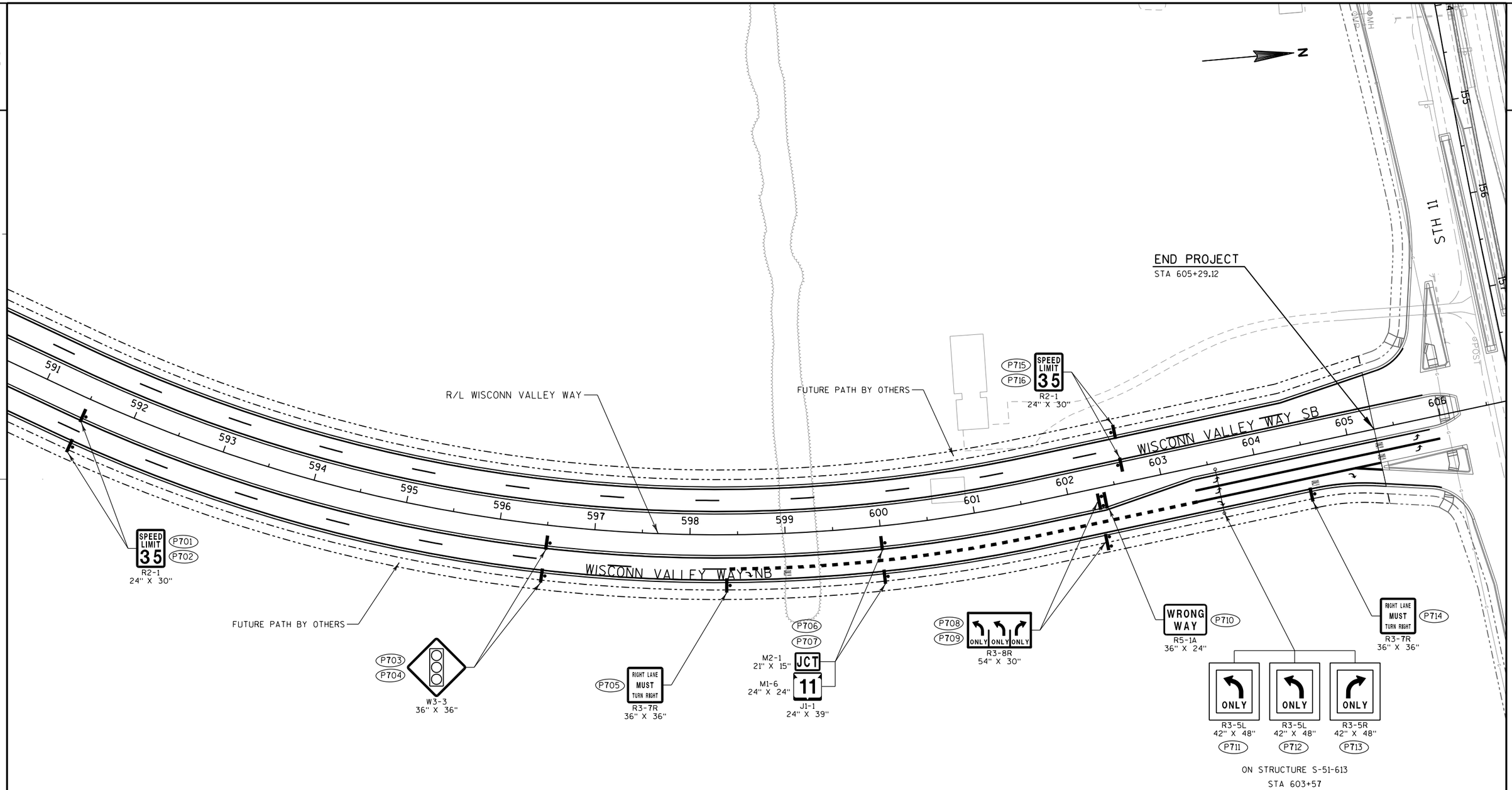

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	SIGNING PLAN	SHEET	E

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2

GENERAL NOTES

DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE CONTRACTOR IS RESPONSIBLE FOR NOT BACKFEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.

LOCATIONS OF THE PVC CONDUITS ARE IDENTIFIED IN THE PLANS WHERE THEY ARE REQUIRED. APPROPRIATE ADJUSTMENT ON CONDUIT LOCATIONS MAY BE MADE IF THE FIELD CONDITIONS ARE SUCH THAT THE CONDUIT CANNOT BE INSTALLED AT THE SPECIFIED LOCATIONS. FIELD MARK EACH CONDUIT LOCATION IN RED.

ALL CONDUITS SHALL BE CAPPED OR PLUGGED WITH ENGINEER APPROVED FITTINGS IMMEDIATELY AFTER INSTALLATION. THE TRENCH SHALL NOT BE BACK FILLED PRIOR TO INSPECTION OF THE CONDUIT.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR IMMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT. ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON ALL CONDUITS.

PRIOR TO CONDUIT ACCEPTANCE, ALL CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND BE CAPPED WITH THE APPROPRIATE CAST PLASTIC CAP WHICH FITS SNUGGLY ON THE CONDUIT, BUT EASILY REMOVED IN THE FUTURE. DUCT TAPE OR ANY OTHER CAPPING METHOD IS NOT ACCEPTABLE.

CONDUIT RUNS SHALL BE THE SAME SIZE PIPE FROM ONE END TO THE OTHER (FROM PULL BOX-TO-PULL BOX OR JUNCTION BOX OR BASE-TO-BASE, ETC.) UNLESS OTHERWISE NOTED ON PLANS.

PULL ROPE (3/8-INCH NYLON) SHALL BE INSTALLED IN ALL NEW CONDUITS.

CONTRACTOR SHALL SUPPLY AS-BUILT DRAWING FOR ALL THE WORK BEING DONE.

INSTALLATION OF LATERAL UNDERGROUND CONDUIT UNDER PAVEMENT SHALL BE INSTALLED MINIMUM 30 INCHES BELOW PROPOSED GRADE AND A MINIMUM OF 3 INCHES BELOW ALL PAVEMENT BASE MATERIALS. CONDUIT LATERALS SHALL BE TRENCHED UNDER PAVEMENT BEFORE PAVEMENT CONSTRUCTION. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ROADWAY CONSTRUCTION FOR CONDUIT LATERALS INSTALLATION.

PITCH ALL CONDUITS TOWARD PULL BOXES. INSTALL A 2" DRAIN DUCT TO STORM SEWER OR DRAIN SUMP AS REQUIRED FOR DRAINAGE. THE 2" DRAIN DUCT OR SUMP IS INCIDENTAL TO THE PULL BOX BID ITEM AND IS NOT SHOWN.

THE LOCATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE, IN ADDITION, THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

HAND DIGGING MAY BE REQUIRED FOR LOCATIONS ADJACENT TO EXISTING GAS AND POWER LINES. HAND EXCAVATION SHOULD BE ANTICIPATED & WILL BE CONSIDERED INCIDENTAL TO THE CONCRETE BASES BID ITEM. COORDINATE ALL WORK NEAR GAS LINE WITH WE ENERGIES.

EXISTING CONDUIT AND CID NO LONGER BEING USED IS ABANDONED IN PLACE. THE CONTRACTOR MAY REMOVE ABANDONED WIRING AT THE CONTRACTOR'S EXPENSE. ABANDONED PULL BOX REMOVAL IS INCIDENTAL TO THE ROAD CONSTRUCTION.

IF CID CONTAINS PHASE CONDUCTOR(S) THAT WILL NOT BE USED FOR SUBSEQUENT POLES, I.E. AT THE END OF A CIRCUIT, DO NOT ENERGIZE THE RESPECTIVE CONDUCTOR(S) PAST THE LAST POLE THE PHASE WAS UTILIZED. REMOVE UNUSED CONDUCTOR(S) EXPOSED BEYOND THE CID RACEWAY IN ALL SUBSEQUENT POLES.

SEAL THE ENDS OF ALL CID RACEWAY WITH A UL RECOGNIZED FOAM CONDUIT SEALANT. PROVIDE A 1/2" NYLON ROPE EXTENDING BEYOND THE PLUG TO ASSIST IN REMOVING THE PLUG IN THE FUTURE.

SEE DETAIL "CONDUIT DETAILS AT STRUCTURE PARAPET TO ROADWAY BARRIER INTERFACE" WHEN CONDUIT EXITS TO GRADE FROM A BRIDGE PARAPET OR RETAINING WALL. RIGID METALLIC CONDUIT IN THE CONCRETE BARRIER IS INCIDENTAL TO THE RIGID NONMETALLIC CONDUIT.

PROVIDE MINIMUM CABLE SLACK AS NOTED BELOW:

PULL BOXES:	10-FT	LIGHTING CONTROL CENTERS:	10-FT
EMBEDDED JUNCTION BOXES:	3-FT	POLES:	5-FT IN AND 5-FT OUT

SIGN STRUCTURES WHICH HAVE A BASE THAT EXTENDS THE COMPLETE WIDTH OF THE MEDIAN TYPICALLY HAVE A 4" SLEEVE FOR LIGHTING.

WIRE AND CONDUIT IS LISTED IN THE MISCELLANEOUS QUANTITIES BASED UPON THE EARLIEST STAGE SHOWN. CONTRACTOR MAY INSTALL LATER WHEN LOAD NEEDS TO BE ENERGIZED.

LEGEND - FINAL LIGHTING

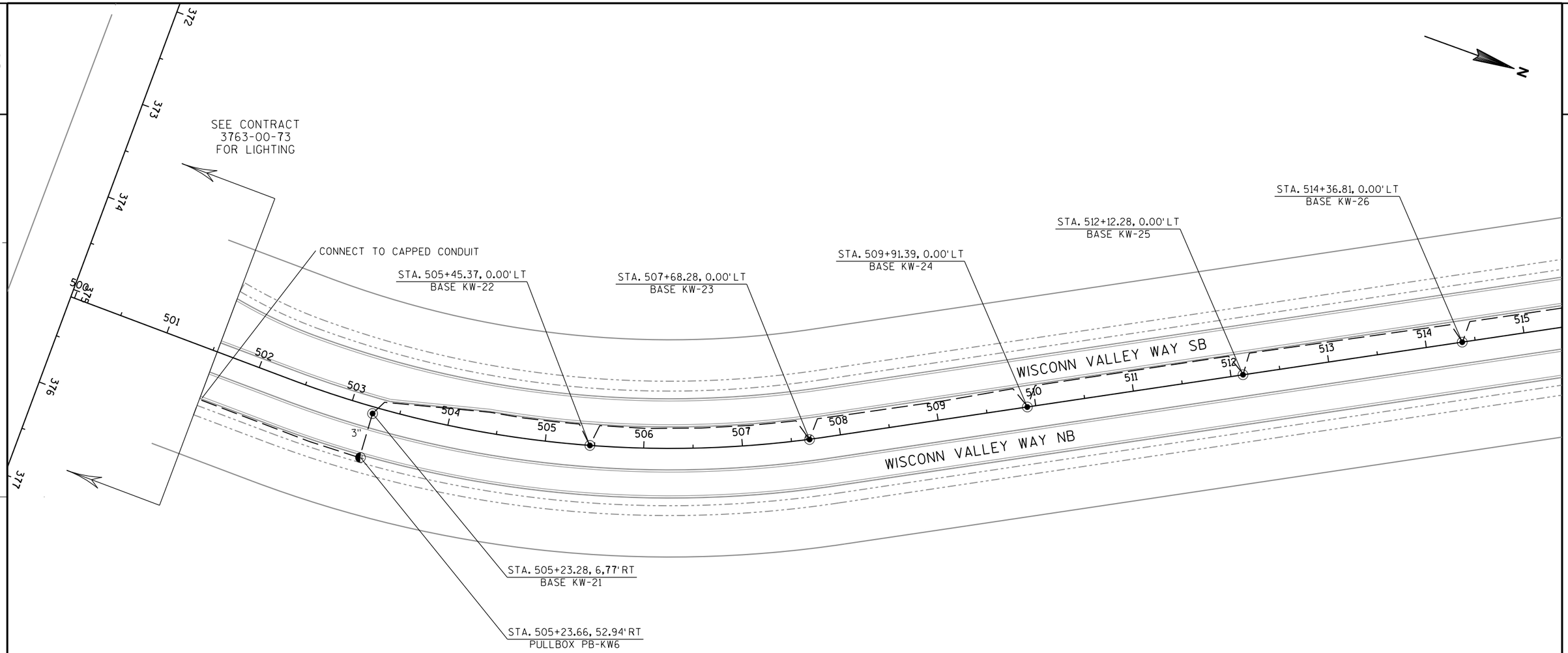
·—·—	CID (CABLE IN DUCT)		ELECTRIC METER SOCKET
– – – –	CABLE IN CONDUIT - 2" UNLESS NOTED OTHERWISE	SM	DENOTES STRUCTURE MOUNTED
⊠	LIGHTING CONTROL CABINET	C	CONDUIT
◐	PULL BOX 24" x 36"	⌐—	STUBOUT
⊗	PULL BOX 24" x 42"	◉	CONCRETE POLE BASE, TYPE 5, WITH TRANSFORMER BASE

NOTES

NO POLES, ARMS, LUMINAIRES, LIGHTING CONTROL CABINETS, NOR WIRING ARE PROVIDED UNDER THIS CONTRACT.

CONCRETE BASES FOR FUTURE POLES AND LIGHTING CONTROL CABINETS WITH ASSOCIATED CONDUITS (PULL ROPE ONLY) ARE PROVIDED HEREIN.

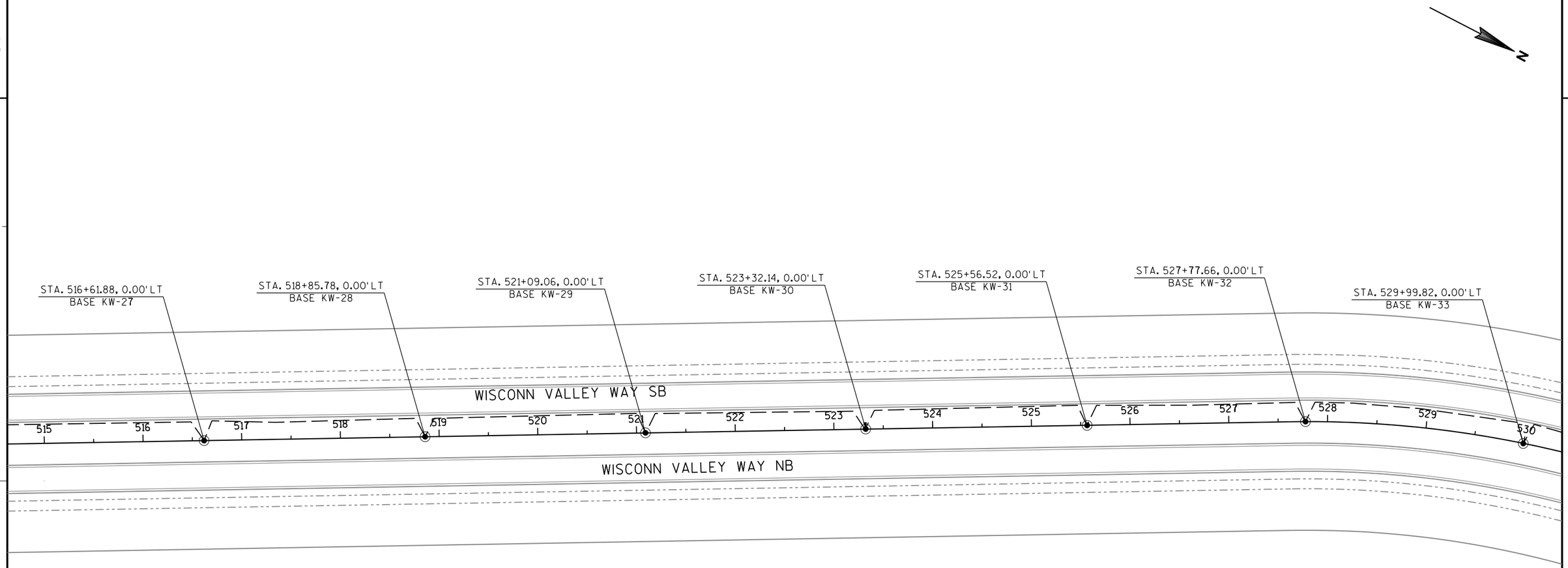
2



NOTES
1. ALL CONDUITS ARE EMPTY EXCEPT FOR PULL ROPE.
2. ALL CONDUITS ARE 2" SCHEDULE 40 NON METALLIC UNLESS SIZE IS SHOWN OTHERWISE

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	LIGHTING PLAN	SHEET	E

2



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PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	LIGHTING PLAN	SHEET	E

2

N

STA. 529+99.82, 0.00'LT
BASE KW-33

STA. 532+22.04, 0.00'LT
BASE KW-34

STA. 534+43.64, 0.00'LT
BASE BW-16

STA. 536+66.20, 0.00'LT
BASE BW-15

STA. 538+89.55, 0.00'LT
BASE BW-14

STA. 541+13.88, 0.00'LT
BASE BW-13

STA. 543+24.52, 0.00'LT
BASE BW-12

WISCONN VALLEY WAY SB

WISCONN VALLEY WAY NB

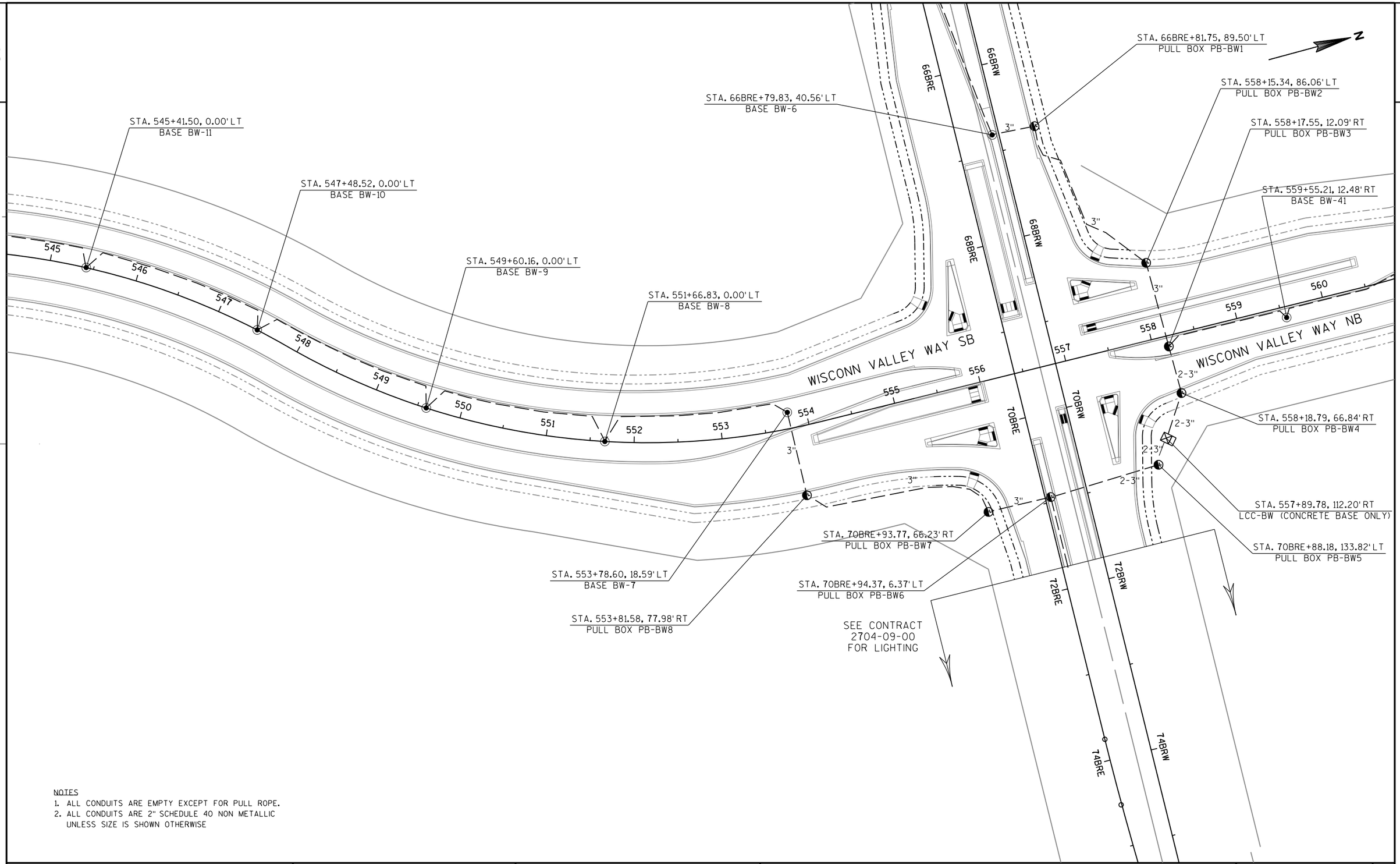
530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545

STA. 545+41.50, 0.00'LT
BASE BW-11

NOTES
1. ALL CONDUITS ARE EMPTY EXCEPT FOR PULL ROPE.
2. ALL CONDUITS ARE 2" SCHEDULE 40 NON METALLIC UNLESS SIZE IS SHOWN OTHERWISE

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	LIGHTING PLAN	SHEET	E

2



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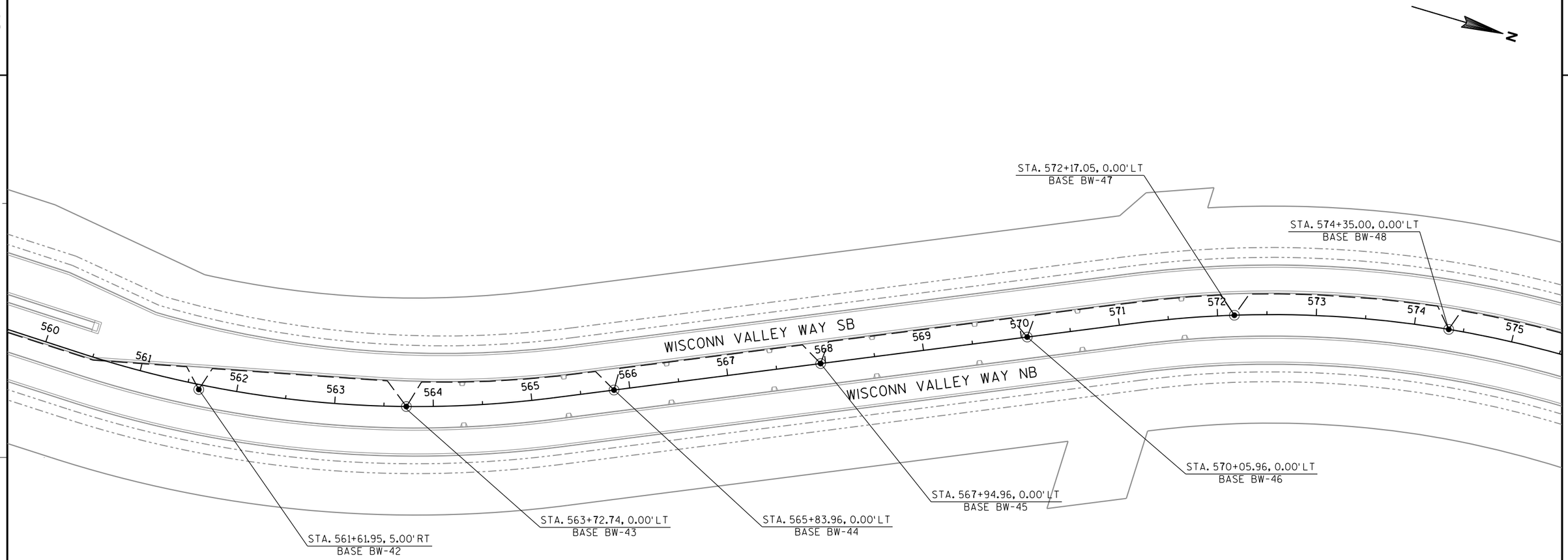
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	LIGHTING PLAN	SHEET	E

2



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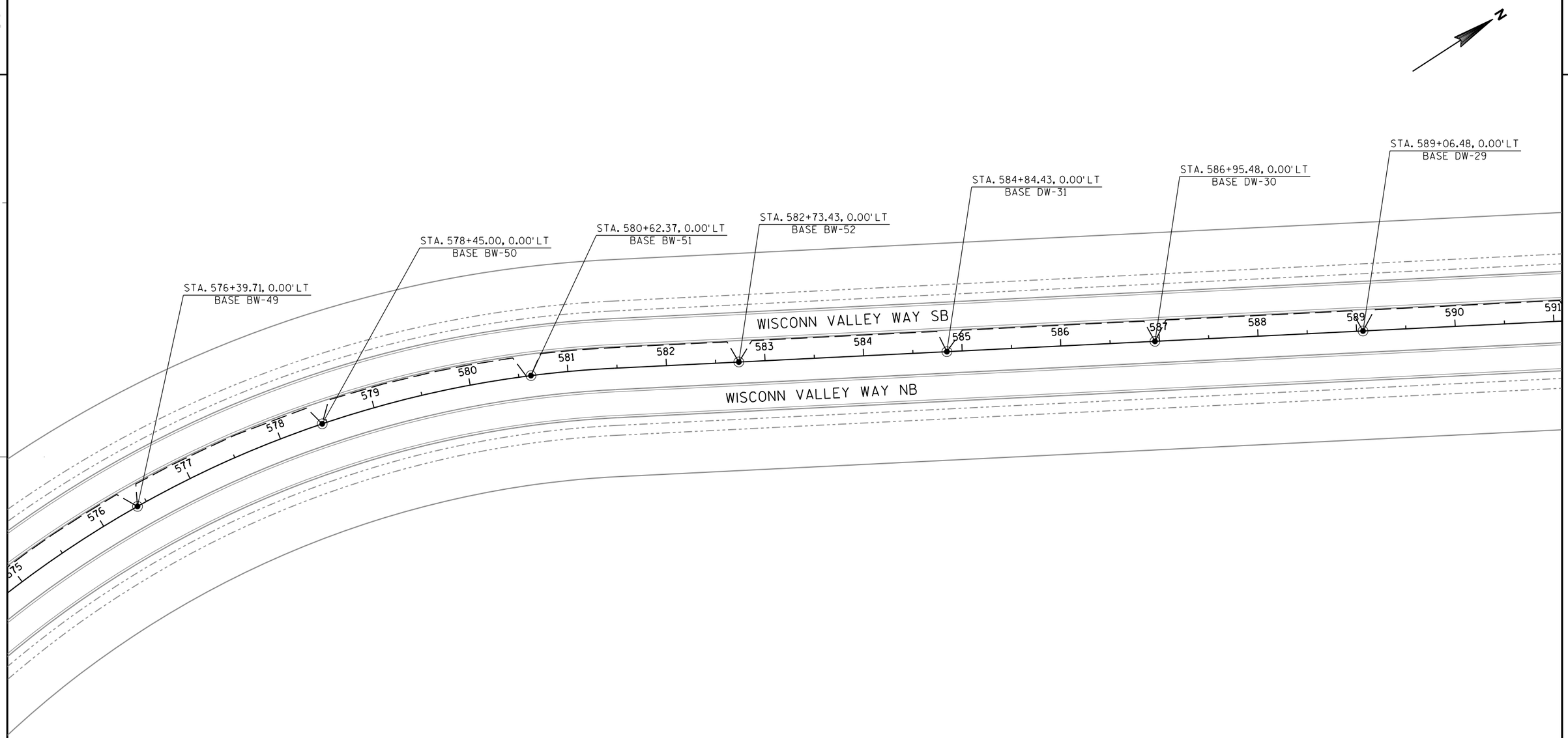
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	LIGHTING PLAN	SHEET	E

2



NOTES
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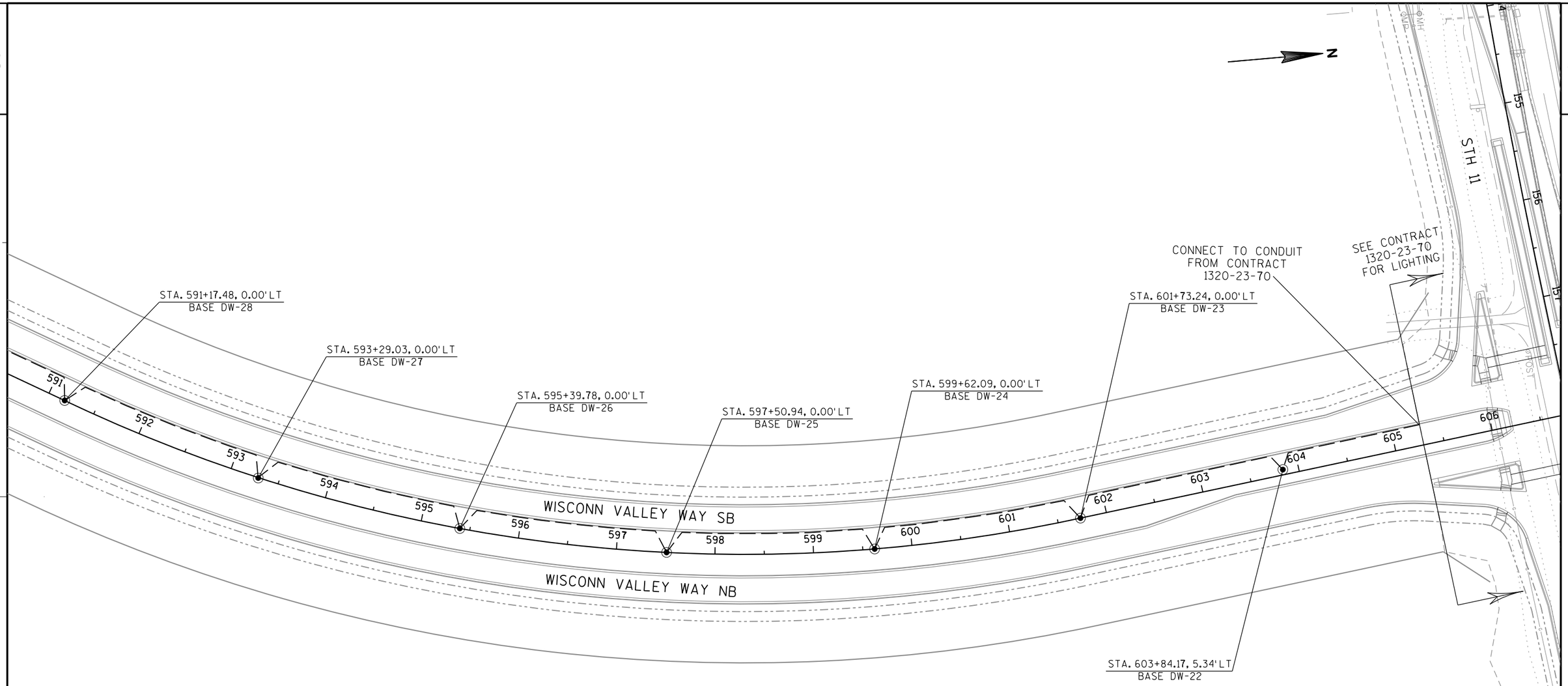
2. ALL CONDUITS ARE 2" SCHEDULE 40 NON METALLIC UNLESS SIZE IS SHOWN OTHERWISE

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	LIGHTING PLAN	SHEET	E



NOTES
1. ALL CONDUITS ARE EMPTY EXCEPT FOR PULL ROPE.
2. ALL CONDUITS ARE 2" SCHEDULE 40 NON METALLIC UNLESS SIZE IS SHOWN OTHERWISE

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	LIGHTING PLAN	SHEET	E

2

3716EFRC

3716EFRD

3714EFRC

3714EFRD

3712EFRC

3712EFRD

STA. 55BRE+42.21, 6.73'LT
BASE BW-53

STA. 61BRE+10.99, 25.76'LT
BASE BW-3

STA. 66BRE+81.75, 89.50'LT
PULL BOX PB-BW1

STA. 66BRE+79.83, 40.56'LT
BASE BW-6

3"

3"

54BFW
54BRW

56BFW
56BRW

58BRW

60BRW

62BRW

64BRW

66BRW

54BRE

56BRE

58BRE

60BRE

62BRE

64BRE

66BRE

5710EFRA

5710EFRB

STA. 57BRE+31.96, 16.82'LT
BASE BW-1

STA. 59BRE+21.28, 23.98'LT
BASE BW-2

STA. 63BRE+0.44, 27.04'LT
BASE BW-4

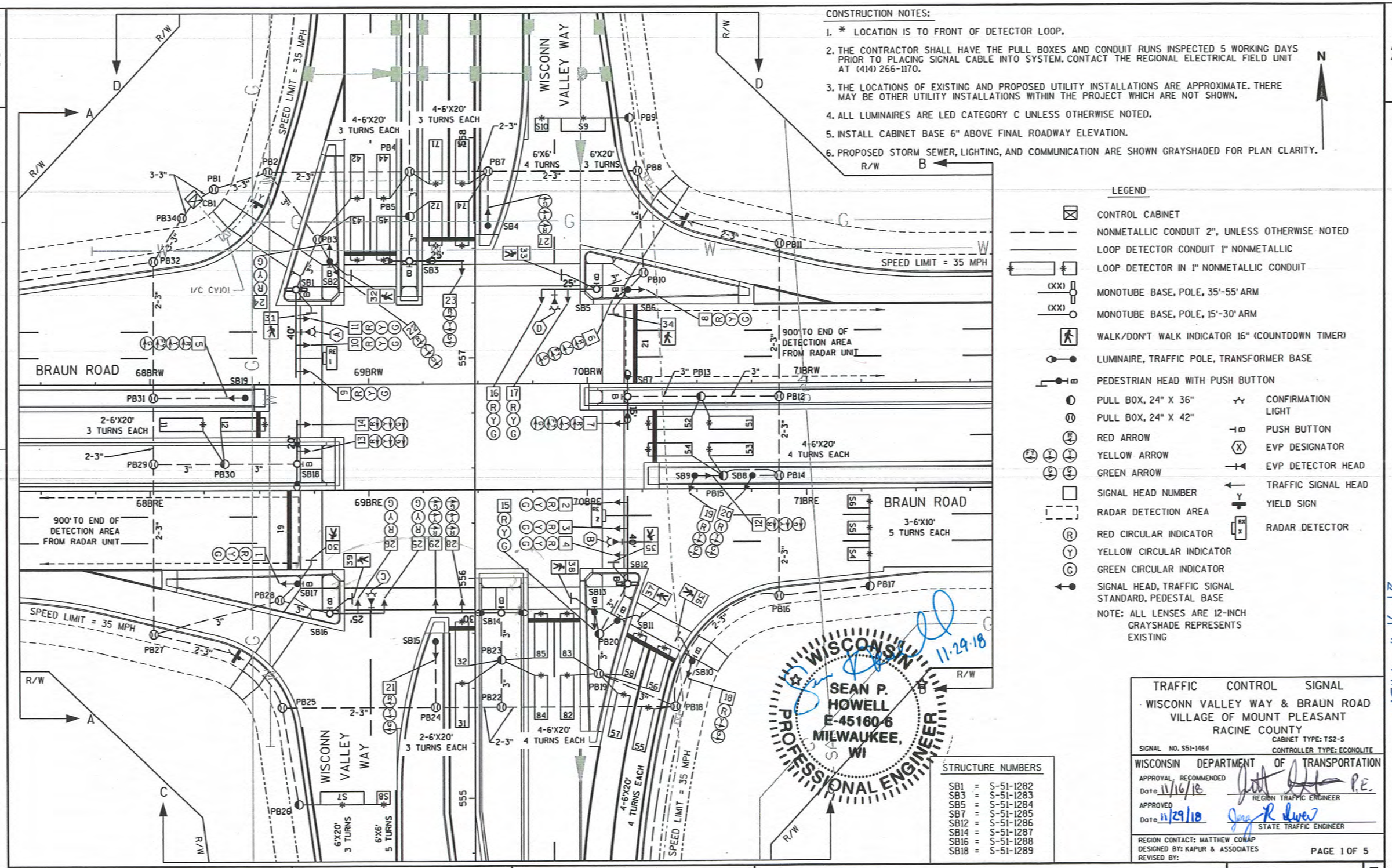
STA. 64BRE+49.73, 28.45'LT
BASE BW-5

5708EFRA

5708EFRB

NOTES
1. ALL CONDUITS ARE EMPTY EXCEPT FOR PULL ROPE.
2. ALL CONDUITS ARE 2" SCHEDULE 40 NON METALLIC UNLESS SIZE IS SHOWN OTHERWISE

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	LIGHTING PLAN	SHEET	E



CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE REGIONAL ELECTRICAL FIELD UNIT AT (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. ALL LUMINAIRES ARE LED CATEGORY C UNLESS OTHERWISE NOTED.
5. INSTALL CABINET BASE 6" ABOVE FINAL ROADWAY ELEVATION.
6. PROPOSED STORM SEWER, LIGHTING, AND COMMUNICATION ARE SHOWN GRAYSHADED FOR PLAN CLARITY.

N

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- SIGNAL HEAD NUMBER
- RADAR DETECTION AREA
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- CONFIRMATION LIGHT
- PUSH BUTTON
- EVP DESIGNATOR
- EVP DETECTOR HEAD
- TRAFFIC SIGNAL HEAD
- YIELD SIGN
- RADAR DETECTOR

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

STRUCTURE NUMBERS

SB1	S-51-1282
SB3	S-51-1283
SB5	S-51-1284
SB7	S-51-1285
SB12	S-51-1286
SB14	S-51-1287
SB16	S-51-1288
SB18	S-51-1289

TRAFFIC CONTROL SIGNAL

WISCONN VALLEY WAY & BRAUN ROAD
VILLAGE OF MOUNT PLEASANT
RACINE COUNTY

SIGNAL NO. S51-1464
CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED Date 11/16/18 — REGION TRAFFIC ENGINEER, P.E.
APPROVED Date 11/29/18 — STATE TRAFFIC ENGINEER

REGION CONTACT: MATTHEW COMAP
DESIGNED BY: KAPUR & ASSOCIATES
REVISED BY:

PAGE 1 OF 5

81-91-11 MISM

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	TRAFFIC SIGNAL PLAN	SHEET	E

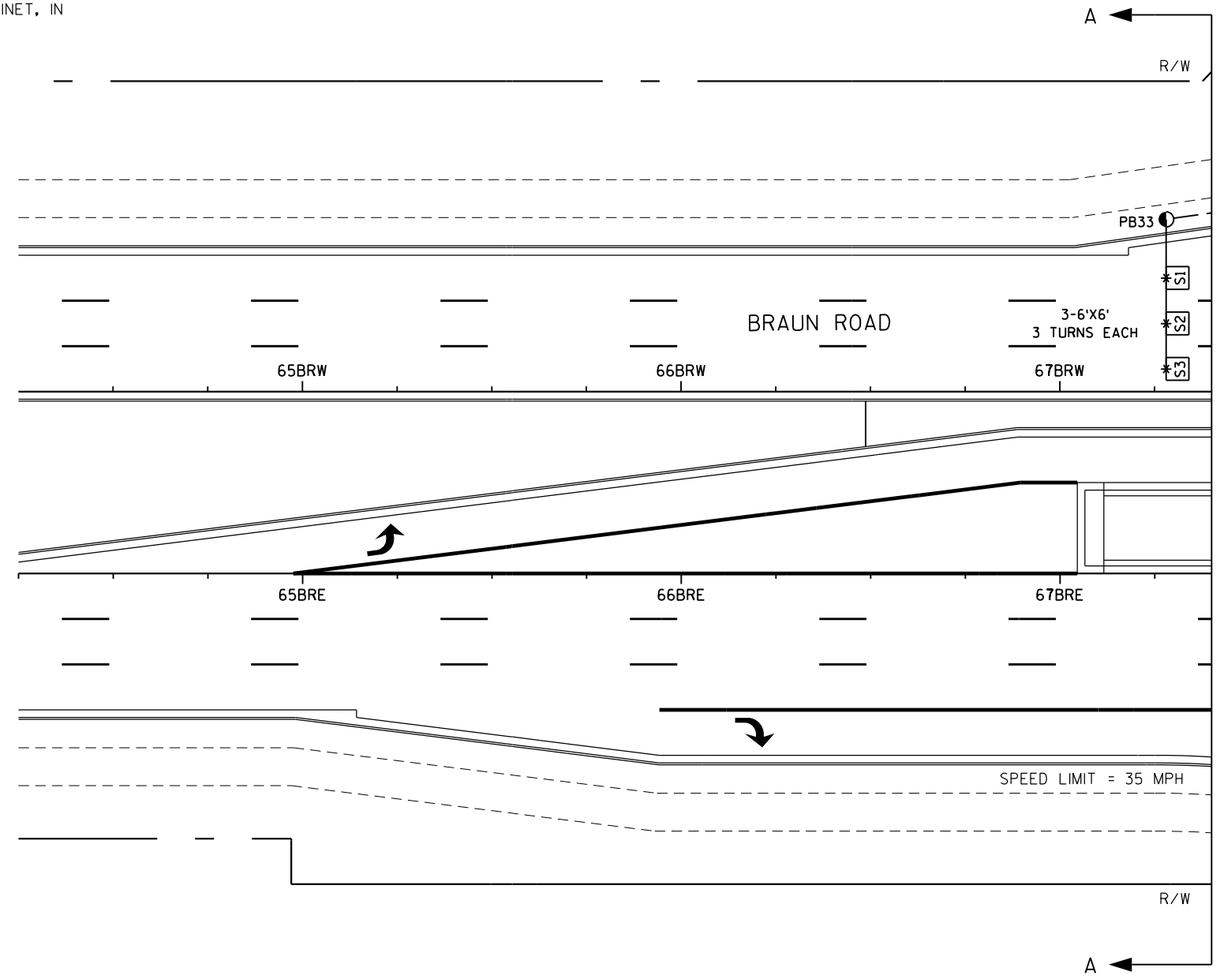
FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\024001_SP.dgn
PLOT DATE : 11/13/2018 PLOT BY : showell PLOT NAME : PLOT SCALE : 1:40
WISDOT/CADDS SHEET 42

EVP CONSTRUCTION NOTES:

1. INSTALL THE TRAFFIC SIGNAL EMERGENCY VEHICLE PRE-EMPTION DETECTOR CABLE TO RUN CONTINUOUSLY (WITHOUT SPLICES) FROM THE CABINET TO THE DETECTOR HEADS. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.

2. THE DEPARTMENT WILL DETERMINE THE EXACT LOCATION OF THE EVP DETECTORS TO ENSURE THAT THE INSTALLATION DOES NOT CREATE A SIGHT OBSTRUCTION.

3. ALL EVP DETECTOR CABLE SHALL BE ROUTED THROUGH PROPOSED SIGNAL BASES, PULL BOXES, AND CONDUIT AS INDICATED. PROVIDE ENOUGH CABLE TO ALLOW 10 FEET OF SLACK IN THE CABINET, IN EACH PULL BOX, AND IN THE SIGNAL POLE HANDHOLE.



TRAFFIC CONTROL SIGNAL
WISCONN VALLEY WAY & BRAUN ROAD
VILLAGE OF MOUNT PLEASANT
RACINE COUNTY

SIGNAL NO. S51-1464

REGION CONTACT: MATTHEW COWAP
DESIGNED BY: KAPUR & ASSOCIATES
REVISED BY:

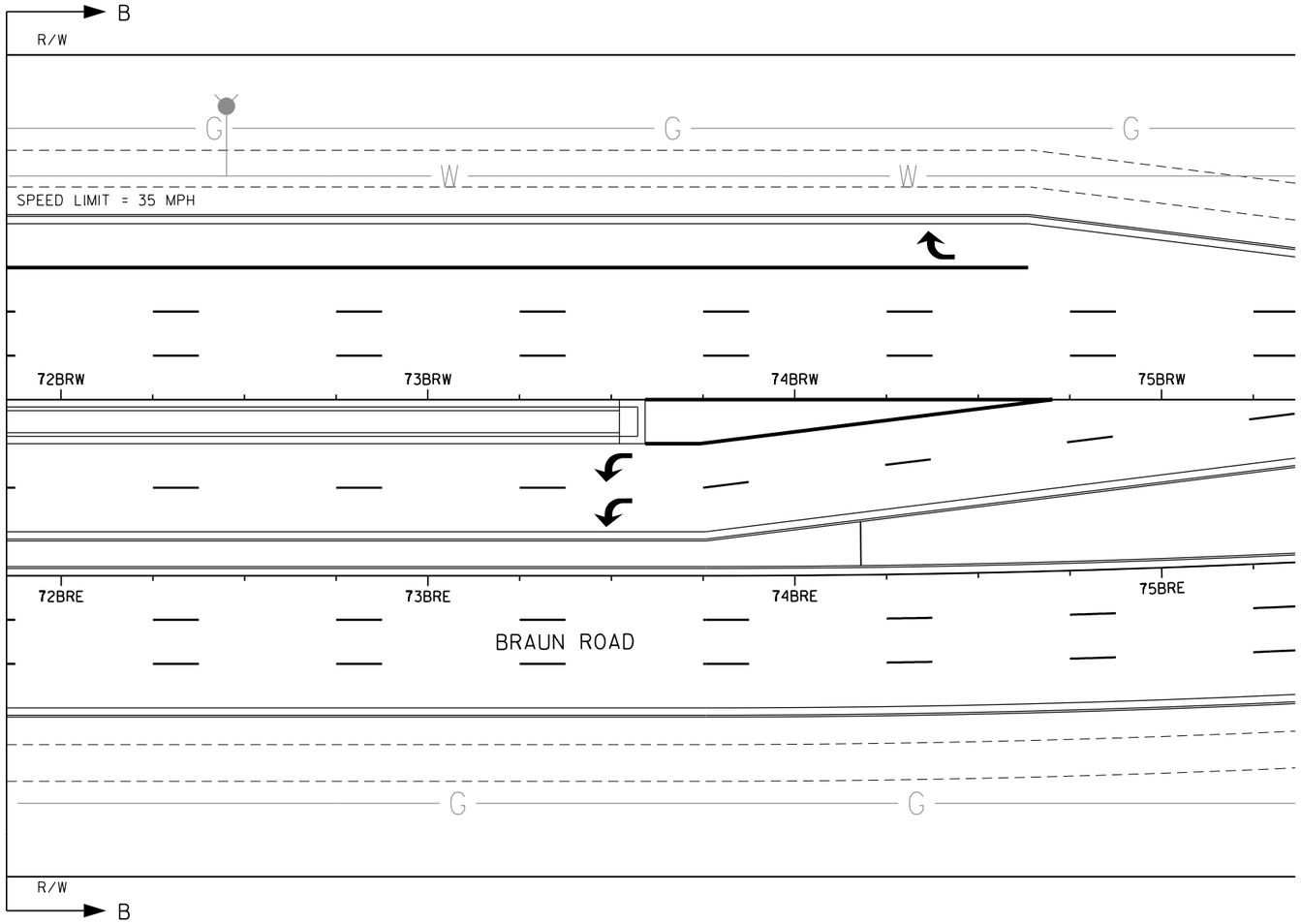
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	TRAFFIC SIGNAL PLAN	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\024002_SP.dgn PLOT DATE : 11/13/2018 PLOT BY : showell PLOT NAME : PLOT SCALE : 1:40

WISDOT/CADDS SHEET 42

2

N



TRAFFIC CONTROL SIGNAL
WISCONN VALLEY WAY & BRAUN ROAD
VILLAGE OF MOUNT PLEASANT
RACINE COUNTY

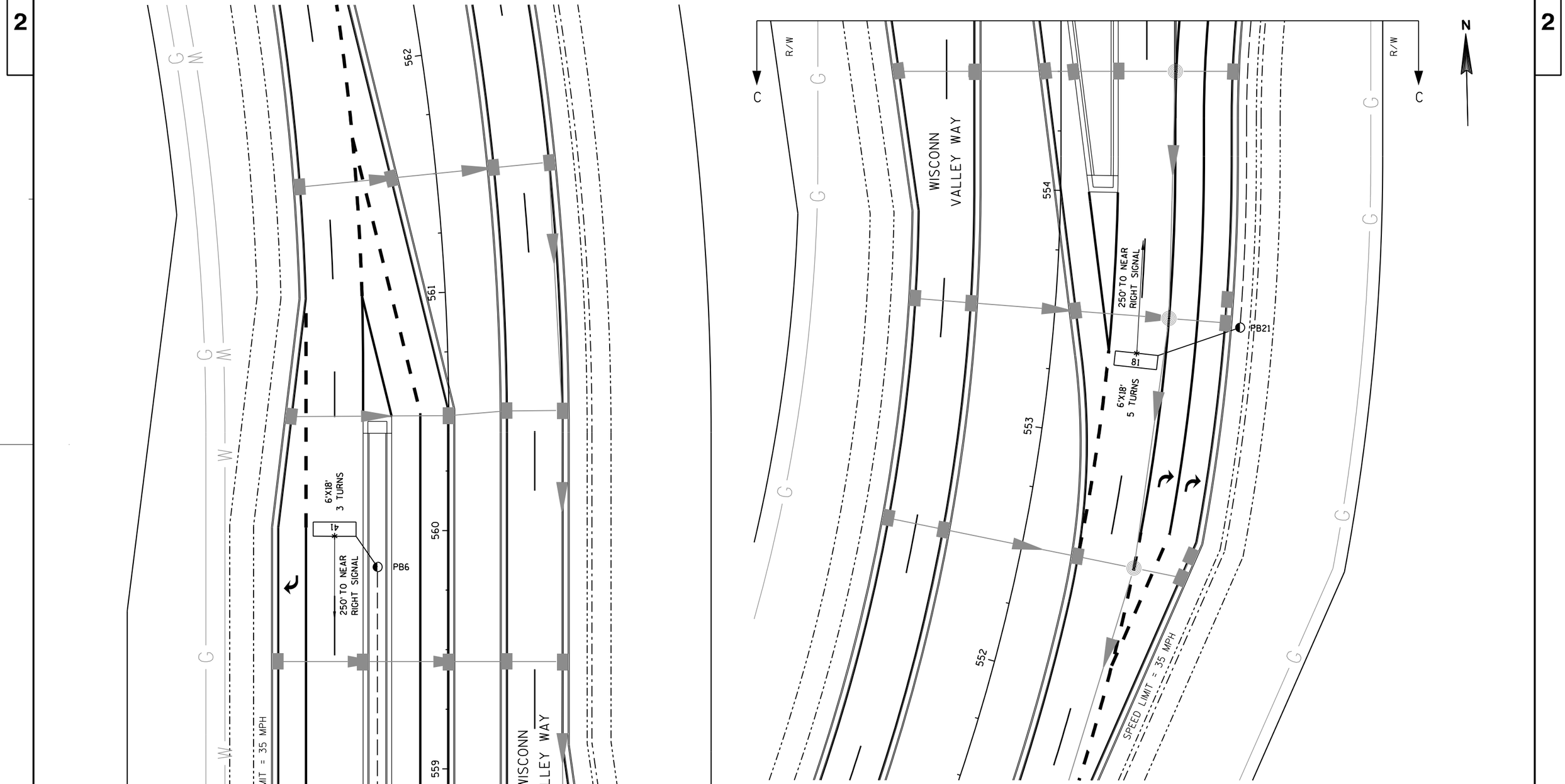
SIGNAL NO. S51-1464

REGION CONTACT: MATTHEW COWAP
DESIGNED BY: KAPUR & ASSOCIATES
REVISED BY:

PAGE 3 OF 5

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	TRAFFIC SIGNAL PLAN	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\024003_SP.dgn PLOT DATE : 11/13/2018 PLOT BY : showell PLOT NAME : PLOT SCALE : 1:40



TRAFFIC CONTROL SIGNAL
WISCONN VALLEY WAY & BRAUN ROAD
VILLAGE OF MOUNT PLEASANT
RACINE COUNTY

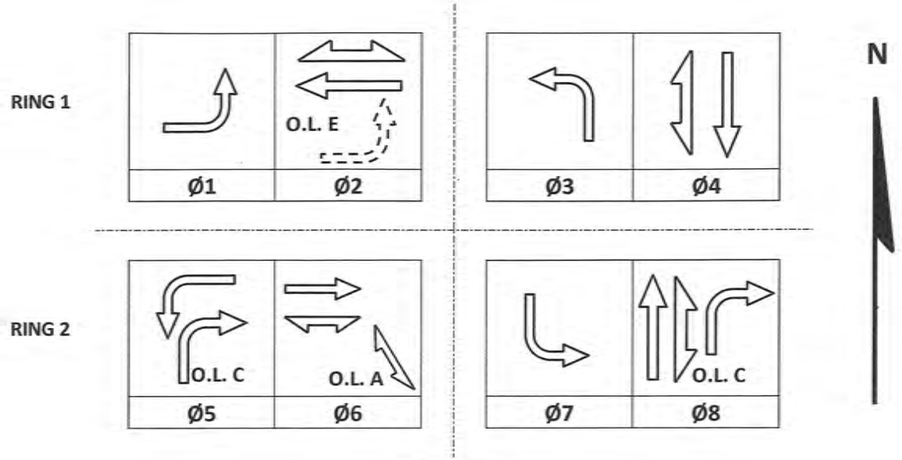
SIGNAL NO. S51-1464

REGION CONTACT: MATTHEW COWAP
DESIGNED BY: KAPUR & ASSOCIATES
REVISED BY:

PAGE 4 OF 5

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	TRAFFIC SIGNAL PLAN	SHEET	E

2



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+4

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	31	41	43	45	51	53	55
CALLED PHASE	1	3	4	4	4	5	5	5
CALL OPTION	X	X		X	X	X	X	X
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME			X					
USE ADDED INITIAL								
CROSS SWITCH PHASE	2							

DETECTOR INPUT	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR*(S)	57	71	73	81	83	85		
CALLED PHASE	5	7	7	8	8	8		
CALL OPTION	X	X	X		X	X		
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X	X		
EXTEND TIME				X				
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	32	42	44		52	54	56
CALLED PHASE	1	3	4	4		5	5	5
CALL OPTION	X	X	X	X		X	X	X
DELAY TIME								
EXTENTION OPTION	X	X	X	X		X	X	X
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE	2							

DETECTOR INPUT	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR*(S)	58	72	74	82	84			
CALLED PHASE	5	7	7	8	8			
CALL OPTION	X	X	X	X	X			
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X			
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	35	33	39	37	43	41	47	45
PLAN LOOP DETECTOR*(S)	21							
CALLED PHASE	2							
CALL OPTION	X							
DELAY TIME								
EXTENTION OPTION	X							
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	51	49	55	53	59	57	63	61
PLAN LOOP DETECTOR*(S)	S1	S3	S5	S7	S9			
CALLED PHASE								
CALL OPTION								
DELAY TIME								
EXTENTION OPTION								
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	36	34	40	38	44	42	48	46
PLAN LOOP DETECTOR*(S)	61							
CALLED PHASE	6							
CALL OPTION	X							
DELAY TIME								
EXTENTION OPTION	X							
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	52	50	56	54	60	58	64	62
PLAN LOOP DETECTOR*(S)	S2	S4	S6	S8	S10			
CALLED PHASE								
CALL OPTION								
DELAY TIME								
EXTENTION OPTION								
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

	HEAD NUMBERS	FLASH
Ø1	5,6,7	R ←
Ø2	8,9,10,11	R
Ø3	21,22,23	R ←
Ø4	24,25,26	R
Ø5	12,13,14	R ←
Ø6	1,2,3,4	R
Ø7	27,28,29	R ←
Ø8	15,16,17	R
Ø2P	32,33	
Ø4P	30,31	
Ø6P	38,39	
Ø8P	34,35	
OLA	36,37	
OLC	18,19,20	R
OLE	5,6,7	

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	X
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	X
LIFT BRIDGE	
QUEUE DETECTION	

BRAUN ROAD & WISCONN VALLEY WAY
VILLAGE OF MOUNT PLEASANT
RACINE COUNTY

SIGNAL NO:	S51-1464	CABINET TYPE: TS2-S
		CONTROLLER TYPE: ECONOLITE
DATE:	12/2018	PAGE NUMBER: 5 OF 5

PROJECT NO: 2704-00-76	HWY: BRAUN ROAD	COUNTY: RACINE	SEQUENCE OF OPERATIONS	SHEET NO:	E

FILE NAME: S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Reference Files\signals\Econolite_SEQ_WVW_Braun.xls

PLOT DATE: ######## PLOT NAME: Econolite_SEQ_WVW_Braun. PLOT BY: _____ PLOT SCALE: 1:1

11/16/2018 MJH2 11-16-18 JMG BJN

WISCONN VALLEY WAY & BRAUN ROAD

2

PROJECT ID:	2704-00-76
INTERSECTION:	BRAUN ROAD AND WISCONN VALLEY WAY

SIGNAL WIRE COLOR CODING	BLK-BLACK WHT-WHITE	RED-RED BLU-BLUE	GRN-GREEN ORG-ORANGE

CB1 TO	NO. OF CONDUCTORS	HEAD NO.	RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	FLASHING <YELLOW>	D/WALK	WALK	PED BUTTON	OTHER
SB1	12	9	RED	ORG	GRN								
		10	RED	ORG	GRN								
		11	RED	ORG	GRN								
		31								BLK	BLU		
		B										WHT/BLK	
SB2	15	22				RED	ORG	GRN					
		24	RED/BLK	ORG/BLK	GRN/BLK								
		32								BLK	BLU		
		B										WHT/BLK	
SB3	7	23				RED	ORG	GRN					
		B										WHT/BLK	
SB4	7	27				RED	ORG	GRN					
SB5	12	16	RED	ORG	GRN								
		17	RED	ORG	GRN								
		33								BLK	BLU		
		B										WHT/BLK	
SB6	15	6				RED	ORG	GRN	BLK/WHT				
		8	RED/BLK	ORG/BLK	GRN/BLK								
		34								BLK	BLU		
		B										WHT/BLK	
SB7	7	7				RED	ORG	GRN	BLK/WHT				
		B										WHT/BLK	
SB8	7	20	RED				ORG	GRN					
SB9	7	19	RED				ORG	GRN					
SB10	12	18	RED				ORG	GRN					
		36								BLK	BLU		
		B										WHT/BLK	
SB11	7	37								BLK	BLU		
		B										WHT/BLK	
SB12	12	2	RED	ORG	GRN								
		3	RED	ORG	GRN								
		4	RED	ORG	GRN								
		35								BLK	BLU		
		B										WHT/BLK	
SB13	12	15	RED	ORG	GRN								
		38								BLK	BLU		
		B										WHT/BLK	
SB14	7	28				RED	ORG	GRN					
		29				RED	ORG	GRN					
		B										WHT/BLK	
SB15	7	21				RED	ORG	GRN					
SB16	12	25	RED	ORG	GRN								
		26	RED	ORG	GRN								
		39								BLK	BLU		
		B										WHT/BLK	
SB17	12	1	RED	ORG	GRN								
		30								BLK	BLU		
		B										WHT/BLK	
SB18	7	13				RED	ORG	GRN					
		14				RED	ORG	GRN					
		B										WHT/BLK	
SB19	12	5				RED	ORG	GRN	BLK/WHT				

NOTES:
1. USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
3. AT THE SIGNAL BASES, CONNECT ON TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

(CONTINUED ON NEXT SHEET)

WISCONSIN
SEAN P. HOWELL
E-45160-6
MILWAUKEE, WI
PROFESSIONAL ENGINEER
11-29-18

PROJECT NUMBER: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CABLE ROUTING	SHEET NO:	E

FILE NAME: S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Reference Files\signals\WVW and Braun Cable Routing Sheet.ppt
PLOT DATE : 9/10/2018 11:14:22 AM
PLOT BY : KAPUR & ASSOCIATES
PLOT SCALE : 1:1

(CONTINUED)

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	SB10
SB10	SB11
SB11	SB12
SB12	SB13
SB13	SB14
SB14	SB15
SB15	SB16
SB16	SB17
SB17	SB18
SB18	SB19
SB19	CB1

LIGHTING UF 10 AWG W/GROUND	
FROM	TO
CB1	SB3
SB3	SB7
CB1	SB18
SB18	SB14

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	CB1
PB2	CB1
PB3	SB1
PB4	SB3
PB5	SB3
PB7	SB4
PB8	SB5
PB10	SB5
PB11	SB7
PB12	SB7
PB13	SB7
PB14	SB8
PB15	SB9
PB16	SB8
PB18	SB10
PB19	SB12
PB20	SB12
PB22	SB14
PB23	SB14
PB24	SB15
PB25	SB15
PB27	SB16
PB28	SB16
PB29	SB18
PB30	SB18
PB31	SB19
PB32	CB1
PB34	CB1

EMERGENCY VEHICLE PREEMPTION	
FROM	TO
CB1	SB1 (HEAD A)
CB1	SB12 (HEAD B)
CB1	SB16 (HEAD C)
CB1	SB5 (HEAD D)

CONFIRMATION BEACON CABLE TRAFFIC SIGNAL 3-14 AWG	
FROM	TO
CB1	SB1 (HEAD A)
CB1	SB12 (HEAD B)
CB1	SB16 (HEAD C)
CB1	SB5 (HEAD D)

RADAR DETECTION CABLE	
FROM	TO
CB1	SB1 (RE1)
CB1	SB12 (RE2)

PROJECT NUMBER: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CABLE ROUTING	SHEET NO:	E

FILE NAME: S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Reference Files\signals\WVW and Braun Cable Routing Sheet.ppt

PLOT DATE : 9/10/2018 11:14:22 AM

PLOT BY : KAPUR & ASSOCIATES

PLOT SCALE : 1:1

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE REGIONAL ELECTRIAL FIELD UNIT AT (414) 266-1170.
2. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHN THE PROJECT WHICH ARE NOT SHOWN.
3. PROPOSED STORM SEWER, LIGHTING AND TRAFFIC SIGNALS ARE SHOWN GRAYSHADED FOR PLAN CLARITY.
4. COMMUNICATION PROVIDED VIA CELLULAR MODEM
5. INSTALL UNDERGROUND INFRASTRUCTURE

R/W

WISCONN VALLEY WAY

558

CV558

I/C CV101

FIBER OPTIC TRACER CABLE

FIBER OPTIC TRACER CABLE TO CONNECT TO VAULT CV374

557

556

555

BRAUN ROAD

67BRW 68BRW 69BRW 70BRW 71BRW 72BRW

67BRE 68BRE 69BRE 70BRE 71BRE 72BRE

40'

30'

25'

N

LEGEND

NONMETALLIC COMMUNICATION CONDUIT 2", UNLESS OTHERWISE NOTED

COMMUNICATION VAULT

CONTROL CABINET

NOTE: GRAYSHADE REPRESENTS EXISTING

TRAFFIC CONTROL INTERCONNECT
WISCONN VALLEY WAY & BRAUN ROAD
VILLAGE OF MOUNT PLEASANT
RACINE COUNTY

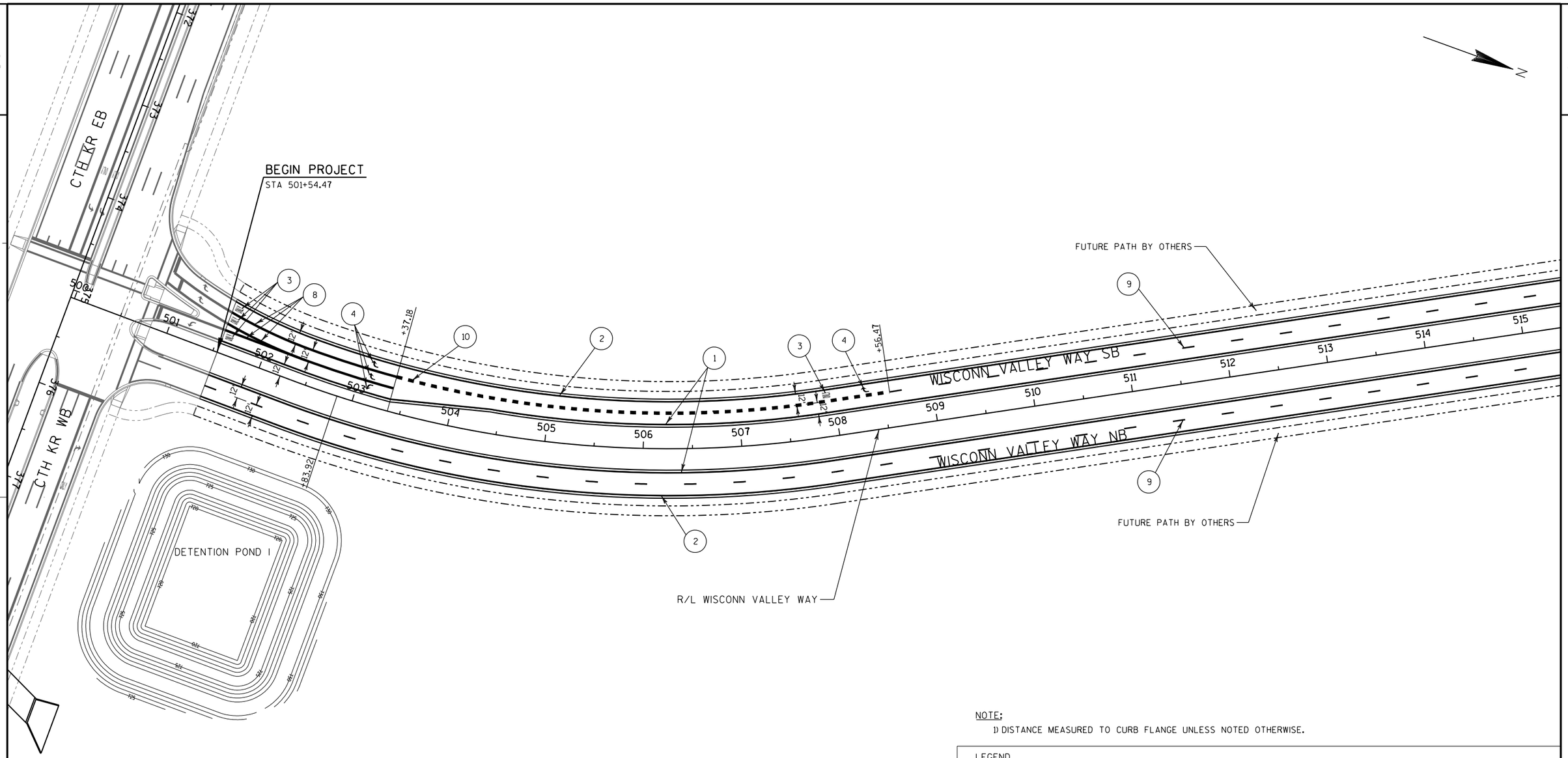
SIGNAL NO. S51-1464

REGION CONTACT: MATTHEW COWAP
DESIGNED BY: KAPUR & ASSOCIATES
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	COMMUNICATION PLAN	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\024005_SP.dgn PLOT DATE : 11/13/2018 PLOT BY : showell PLOT NAME : PLOT SCALE : 1:40



NOTE:

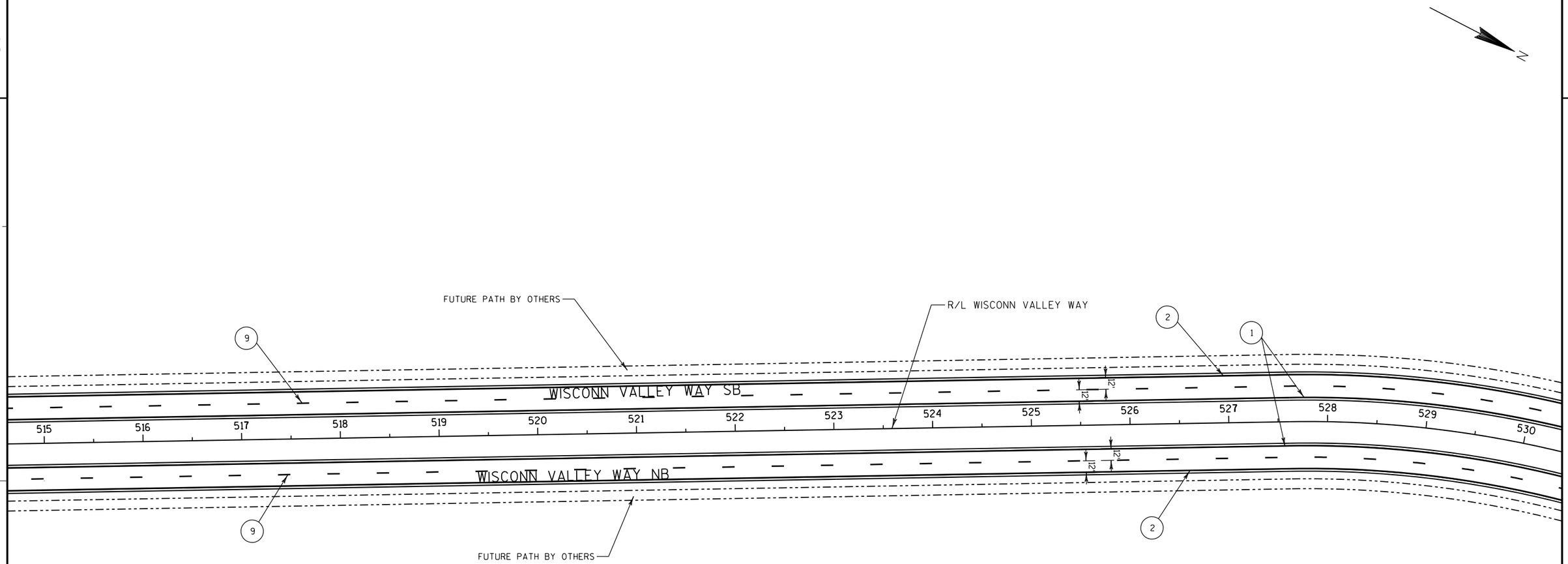
1) DISTANCE MEASURED TO CURB FLANGE UNLESS NOTED OTHERWISE.

LEGEND

1	MARKING LINE EPOXY 4-INCH (YELLOW)	8	MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (WHITE)
2	MARKING LINE EPOXY 4-INCH (WHITE)	9	MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
3	MARKING WORD EPOXY (WHITE)	10	MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
4	MARKING ARROW EPOXY (WHITE)	11	MARKING CURB EPOXY
5	MARKING STOP LINE EPOXY 18-INCH (WHITE)		
6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH		
7	MARKING ISLAND NOSE EPOXY		

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVEMENT MARKING PLAN	SHEET	E

2



NOTE:

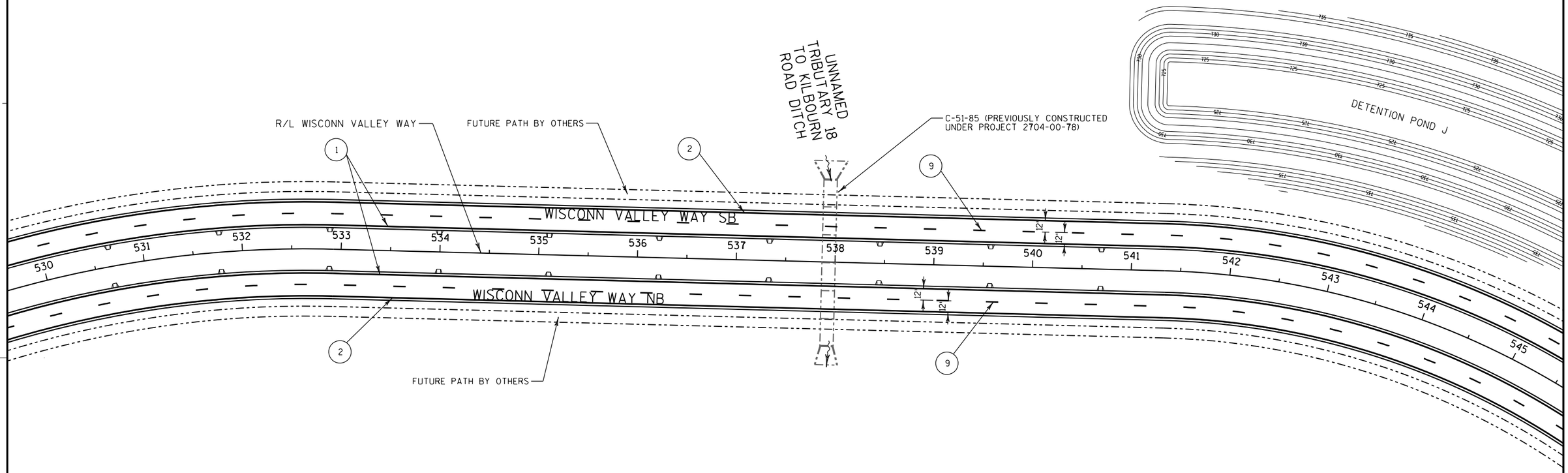
1) DISTANCE MEASURED TO CURB FLANGE UNLESS NOTED OTHERWISE.

LEGEND

1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING WORD EPOXY (WHITE)
4. MARKING ARROW EPOXY (WHITE)
5. MARKING STOP LINE EPOXY 18-INCH (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
7. MARKING ISLAND NOSE EPOXY
8. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (WHITE)
9. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
10. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
11. MARKING CURB EPOXY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVEMENT MARKING PLAN	SHEET	E

2



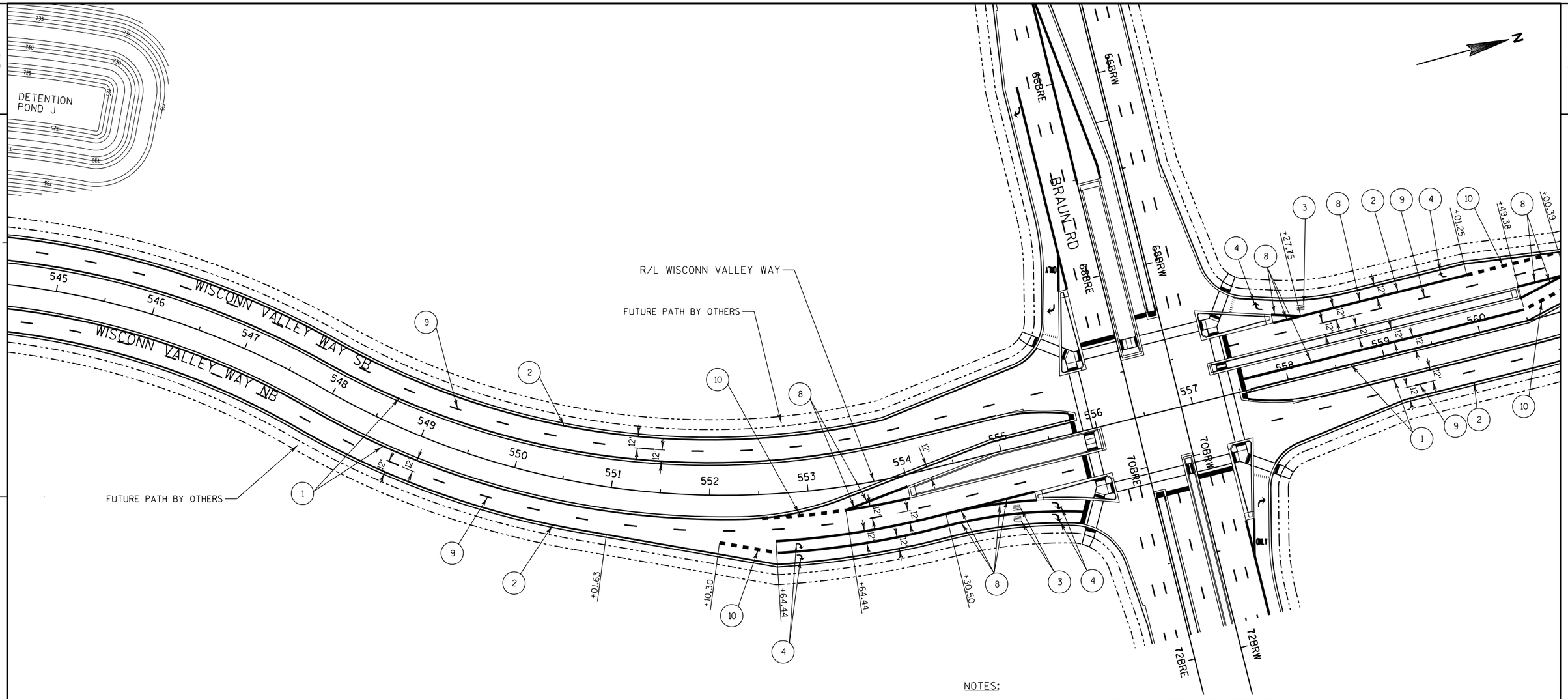
NOTE:

1) DISTANCE MEASURED TO CURB FLANGE UNLESS NOTED OTHERWISE.

LEGEND

1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING WORD EPOXY (WHITE)
4. MARKING ARROW EPOXY (WHITE)
5. MARKING STOP LINE EPOXY 18-INCH (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
7. MARKING ISLAND NOSE EPOXY
8. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (WHITE)
9. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
10. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
11. MARKING CURB EPOXY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVEMENT MARKING PLAN	SHEET	E



NOTES:

1) DISTANCE MEASURED TO CURB FLANGE UNLESS NOTED OTHERWISE.

2) SEE NEXT SHEET FOR MARKINGS AT INTERSECTION.

3) SEE BRAUN ROAD SHEETS FOR ADDITIONAL INFORMATION.

LEGEND

1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING WORD EPOXY (WHITE)
4. MARKING ARROW EPOXY (WHITE)
5. MARKING STOP LINE EPOXY 18-INCH (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
7. MARKING ISLAND NOSE EPOXY
8. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (WHITE)
9. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
10. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
11. MARKING CURB EPOXY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVEMENT MARKING PLAN	SHEET	E

2

N

549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564

70BRE 70BRW

+23.23
33.04' LT

+70.12
14.00' LT

+77.12
12.00' LT

+54.12
24.00' LT

+65.81
95.41' LT

+47.62
60.00' LT

+61.12
2.00' RT

WISCONN VALLEY WAY

+80.62
48.00' RT

+99.43
20.00' RT

+62.01
91.19' RT

R/L WISCONN VALLEY WAY

72BRE 72BRW

BRAUN ROAD

R/L BRAUN ROAD EB

R/L BRAUN ROAD WB

74BRE 74BRW

(4) MARKING ARROW EPOXY (WHITE)

(5) MARKING STOP LINE EPOXY 18-INCH (WHITE)

(6) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH

(7) MARKING ISLAND NOSE EPOXY

(8) MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (WHITE)

(9) MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

(11) MARKING CURB EPOXY

(12) MARKING LINE EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

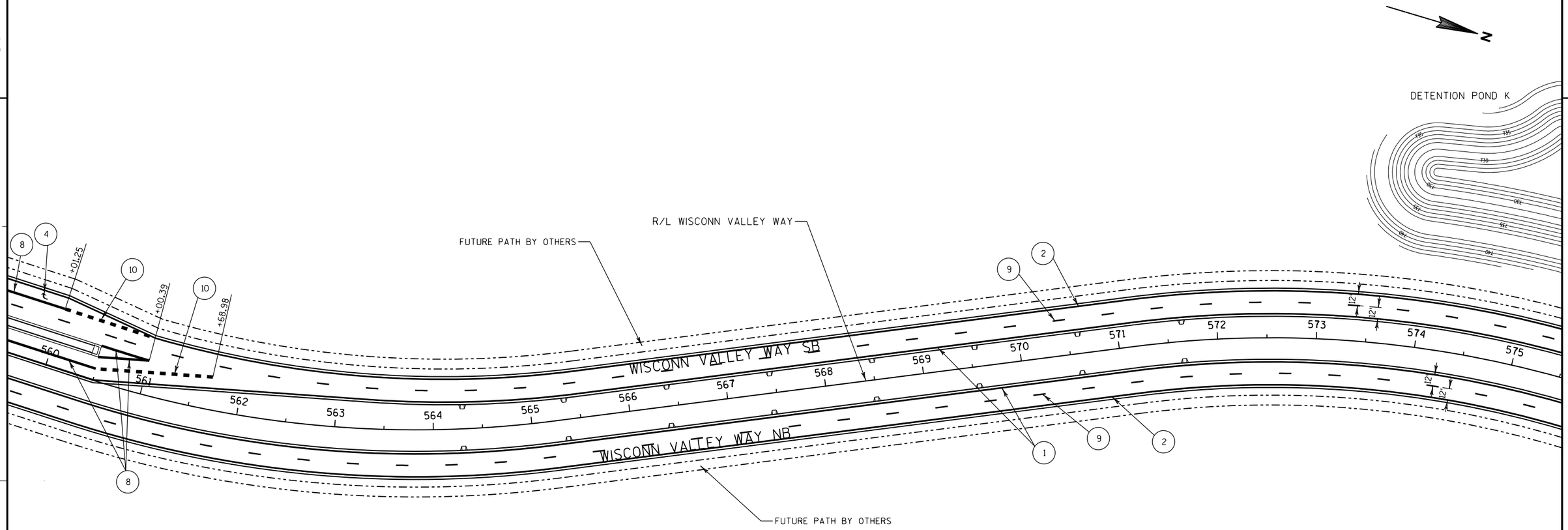
(14) MARKING YIELD LINE EPOXY 18-INCH (WHITE)

NOTE:

DISTANCE MEASURED TO CURB FLANGE UNLESS NOTED OTHERWISE.

PROJECT NO: 2704-00-76	HWY: BRAUN ROAD	COUNTY: RACINE	PAVEMENT MARKINGS: WISCONN VALLEY WAY	SHEET	E

2



NOTE:

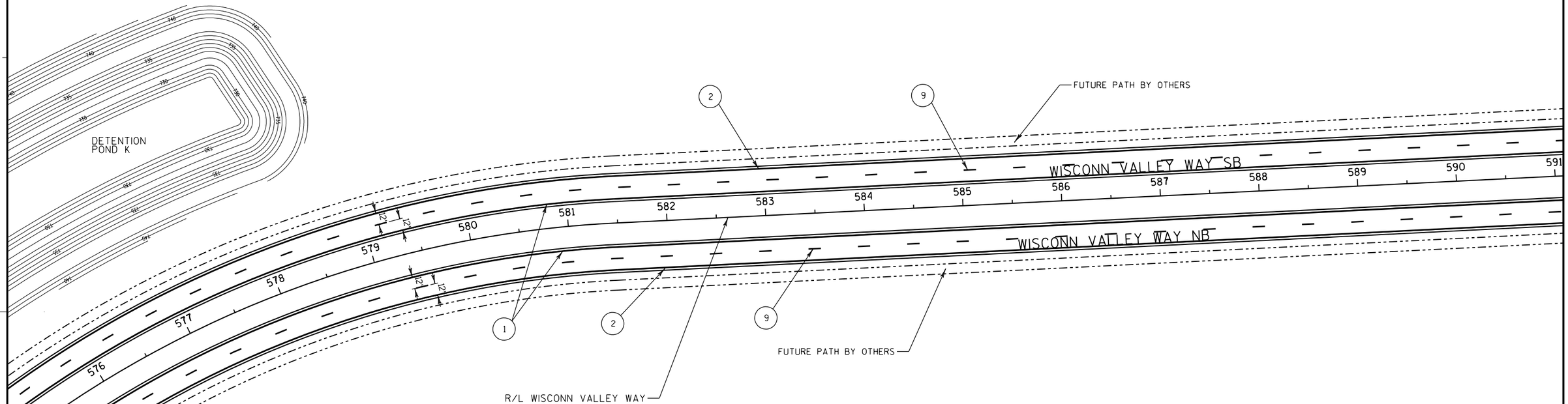
1) DISTANCE MEASURED TO CURB FLANGE UNLESS NOTED OTHERWISE.

LEGEND

1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING WORD EPOXY (WHITE)
4. MARKING ARROW EPOXY (WHITE)
5. MARKING STOP LINE EPOXY 18-INCH (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
7. MARKING ISLAND NOSE EPOXY
8. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (WHITE)
9. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
10. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
11. MARKING CURB EPOXY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVEMENT MARKING PLAN	SHEET	E

2



NOTE:

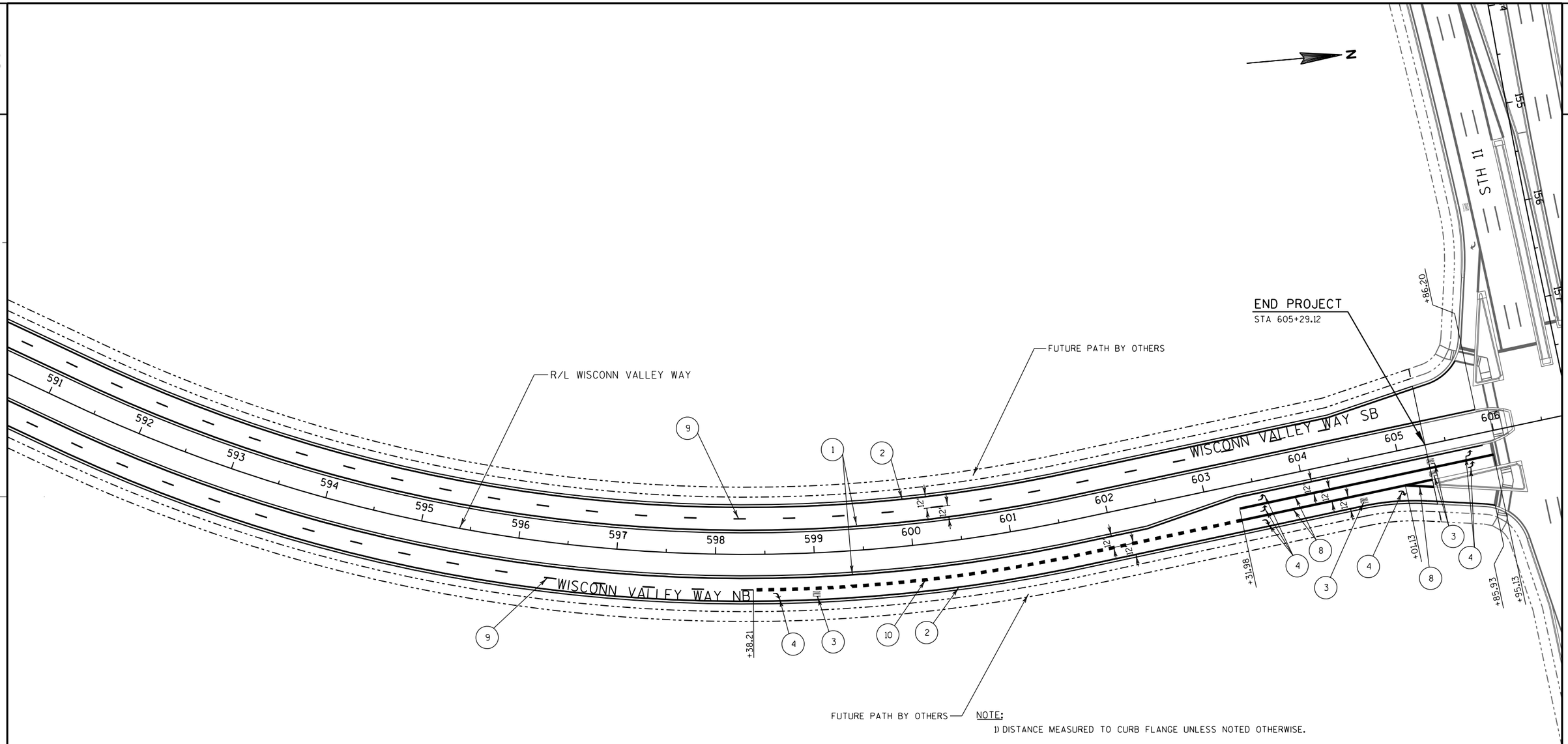
1) DISTANCE MEASURED TO CURB FLANGE UNLESS NOTED OTHERWISE.

LEGEND

(1)	MARKING LINE EPOXY 4-INCH (YELLOW)
(2)	MARKING LINE EPOXY 4-INCH (WHITE)
(3)	MARKING WORD EPOXY (WHITE)
(4)	MARKING ARROW EPOXY (WHITE)
(5)	MARKING STOP LINE EPOXY 18-INCH (WHITE)
(6)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
(7)	MARKING ISLAND NOSE EPOXY
(8)	MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (WHITE)
(9)	MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
(10)	MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
(11)	MARKING CURB EPOXY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVEMENT MARKING PLAN	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\024506_PM.dgn PLOT DATE : 11/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:100



NOTE:

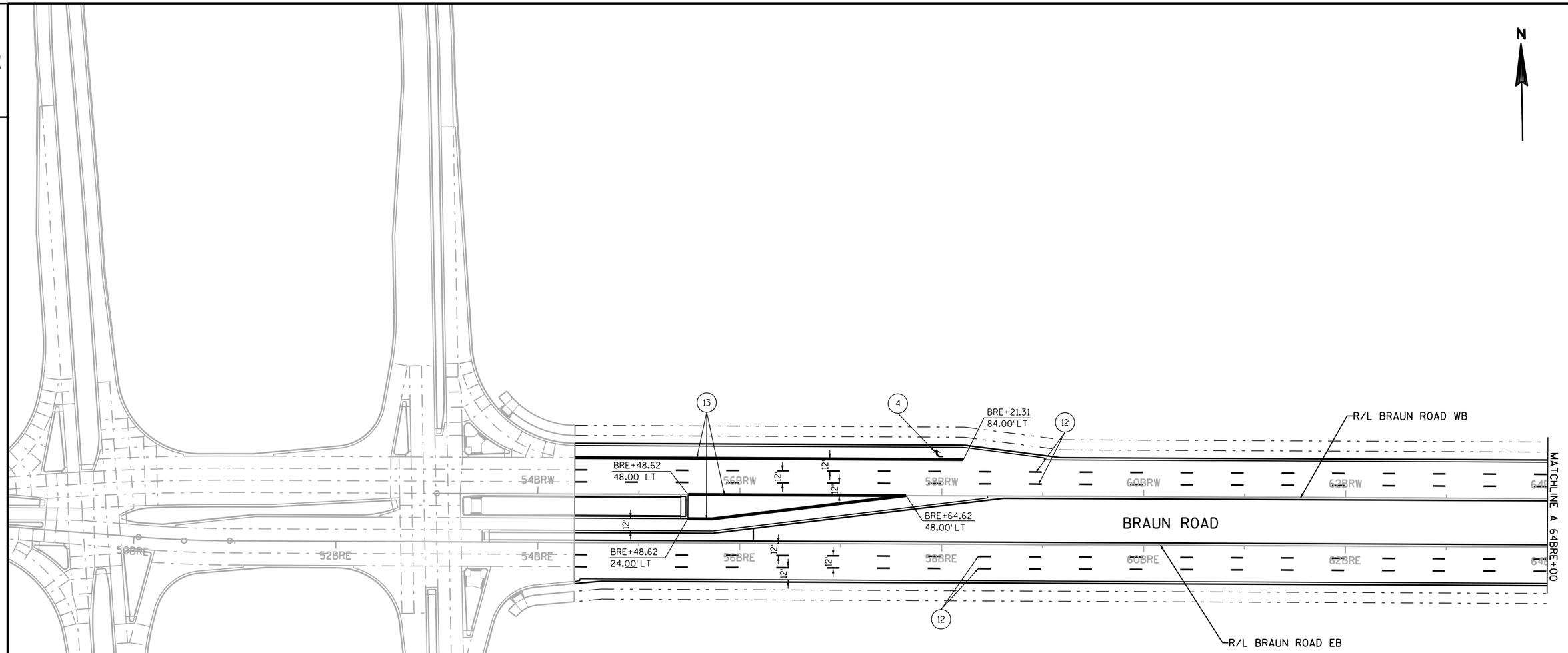
1) DISTANCE MEASURED TO CURB FLANGE UNLESS NOTED OTHERWISE.

LEGEND

1. MARKING LINE EPOXY 4-INCH (YELLOW)
2. MARKING LINE EPOXY 4-INCH (WHITE)
3. MARKING WORD EPOXY (WHITE)
4. MARKING ARROW EPOXY (WHITE)
5. MARKING STOP LINE EPOXY 18-INCH (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
7. MARKING ISLAND NOSE EPOXY
8. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (WHITE)
9. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
10. MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
11. MARKING CURB EPOXY

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PAVEMENT MARKING PLAN	SHEET	E

2



(4) MARKING ARROW EPOXY (WHITE)

(12) MARKING LINE EPOXY 4-INCH (DASHED WHITE)
(12.5 FT LINE 37.5 FT SKIP)

(13) MARKING LINE EPOXY 8-INCH (WHITE)

NOTE:
DISTANCE MEASURED TO CURB
FLANGE UNLESS NOTED OTHERWISE.

PROJECT NO: 2704-00-76	HWY: BRAUN ROAD	COUNTY: RACINE	PAVEMENT MARKINGS: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PlotStyle\45011_29_2018 11:20:13 AM PLOT BY : jdepies PLOT NAME : PLOT SCALE : 100:1

2

N

WISCONN VALLEY WAY

R/L WISCONN VALLEY WAY

R/L BRAUN ROAD WB

R/L BRAUN ROAD EB

BRAUN ROAD

MATCHLINE A 64BRE+00

BRE+04.58
24.00' LT

BRE+04.58
24.00' LT

BRE+04.58
24.00' LT

BRE+97.58
0.00'

BRE+04.58
0.00

BRE+49.58
24.00' LT

BRE+05.49
36.00' RT

BRE+94.23
36.00' RT

BRE+05.49
44.67' RT

BRE+63.58
36.00' RT

BRE+43.68
71.10' RT

BRE+21.65
84.00' LT

BRE+30.65
12.00' LT

BRE+37.65
10.00' LT

BRE+37.65
2.00' LT

BRE+39.39
70.22' LT

BRE+75.96
92.67' LT

BRE+75.96
84.00' LT

BRE+75.00
84.00' LT

66BRW 68BRW 70BRW 74BRW 76BRW 78BRW

66BRE 68BRE 70BRE 72BRE 74BRE 76BRE 78BRE

560 559 558 557 556 555 554 553

12' 12' 12' 12' 12' 12' 12'

(3) MARKING WORD EPOXY (WHITE)

(4) MARKING ARROW EPOXY (WHITE)

(5) MARKING STOP LINE EPOXY 18-INCH (WHITE)

(6) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH

(7) MARKING ISLAND NOSE EPOXY

(11) MARKING CURB EPOXY

(12) MARKING LINE EPOXY 4-INCH (DASHED WHITE)
(12.5 FT LINE 37.5 FT SKIP)

(13) MARKING LINE EPOXY 8-INCH (WHITE)

(14) MARKING YIELD LINE EPOXY 18-INCH (WHITE)

NOTE:

DISTANCE MEASURED TO CURB
FLANGE UNLESS NOTED OTHERWISE.

PROJECT NO: 2704-00-76	HWY: BRAUN ROAD	COUNTY: RACINE	PAVEMENT MARKINGS: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\WCVW_PAVMRK_45021.pdf PLOT DATE : 8/29/2018 11:20:16 AM PLOT BY : jdepies PLOT NAME : PLOT SCALE : 100:1

LEGEND

WORKZONE (CLOSED TO TRAFFIC)

BEGIN CONSTRUCTION
STA 54BRE+36.47

C-51-85 (BOX CULVERT WILL BE CONSTRUCTED PRIOR TO LET AS SEPARATE PROJECT)

BRAUN RD

PROJECT 2704-00-77
BY OTHERS

BEGIN PROJECT 2704-00-76
STA 501+54.47

CTH KR

WISCONN VALLEY WAY

R/L WISCONN VALLEY WAY

UNNAMED TRIBUTARY NO. 18 TO KILBOURN ROAD DITCH

PROJECT 2704-09-70
BY OTHERS

END CONSTRUCTION
STA 71BRE+75.05

CTH KR IS UNDER CONSTRUCTION, BUT OPEN TO TRAFFIC.
COORDINATE WITH PROJECT ID 2704-00-77

KILBOURN ROAD DITCH

UNNAMED TRIBUTARY TO KILBOURN ROAD DITCH

PROJECT 1320-23-70
BY OTHERS

STH 11

END PROJECT 2704-00-76
STA 605+29.12

STH 11 IS UNDER CONSTRUCTION, BUT OPEN TO TRAFFIC.
COORDINATE WITH PROJECT ID 1320-23-70

CONSTRUCTION

- CONSTRUCT WISCONN VALLEY WAY
- CONSTRUCT BRAUN ROAD
- CONSTRUCT STORM WATER PONDS

TRAFFIC

- CTH KR IS OPEN TO TRAFFIC. TRAFFIC CONTROL AT WISCONN VALLEY WAY INTERSECTION BY PROJECT 2704-00-77
- BRAUN ROAD IS CLOSED TO TRAFFIC. TRAFFIC CONTROL BY 2704-09-70.
- STH 11 IS OPEN TO TRAFFIC. TRAFFIC CONTROL AT WISCONN VALLEY WAY INTERSECTION BY PROJECT 1320-23-70

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CONSTRUCTION STAGING - STAGE 1	SHEET	E

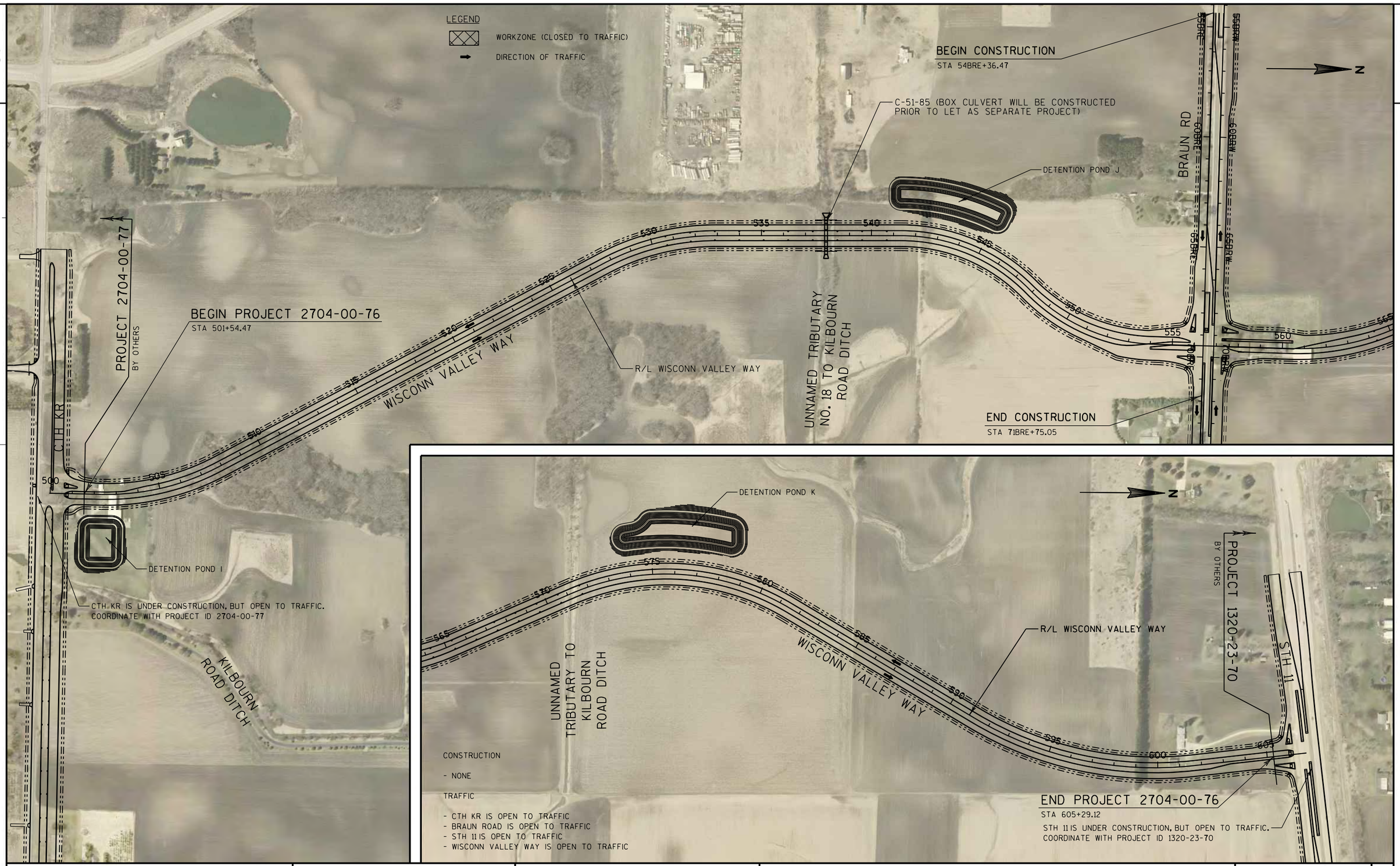
CONSTRUCTION

- CONSTRUCT WISCONN VALLEY WAY

TRAFFIC

- CTH KR IS OPEN TO TRAFFIC. TRAFFIC CONTROL AT WISCONN VALLEY WAY INTERSECTION BY PROJECT 2704-00-77
- BRAUN ROAD IS OPEN TO TRAFFIC. SEE TRAFFIC CONTROL STAGE 2.
- STH 11 IS OPEN TO TRAFFIC. TRAFFIC CONTROL AT WISCONN VALLEY WAY INTERSECTION BY PROJECT 1320-23-70

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CONSTRUCTION STAGING - STAGE 2	SHEET	E



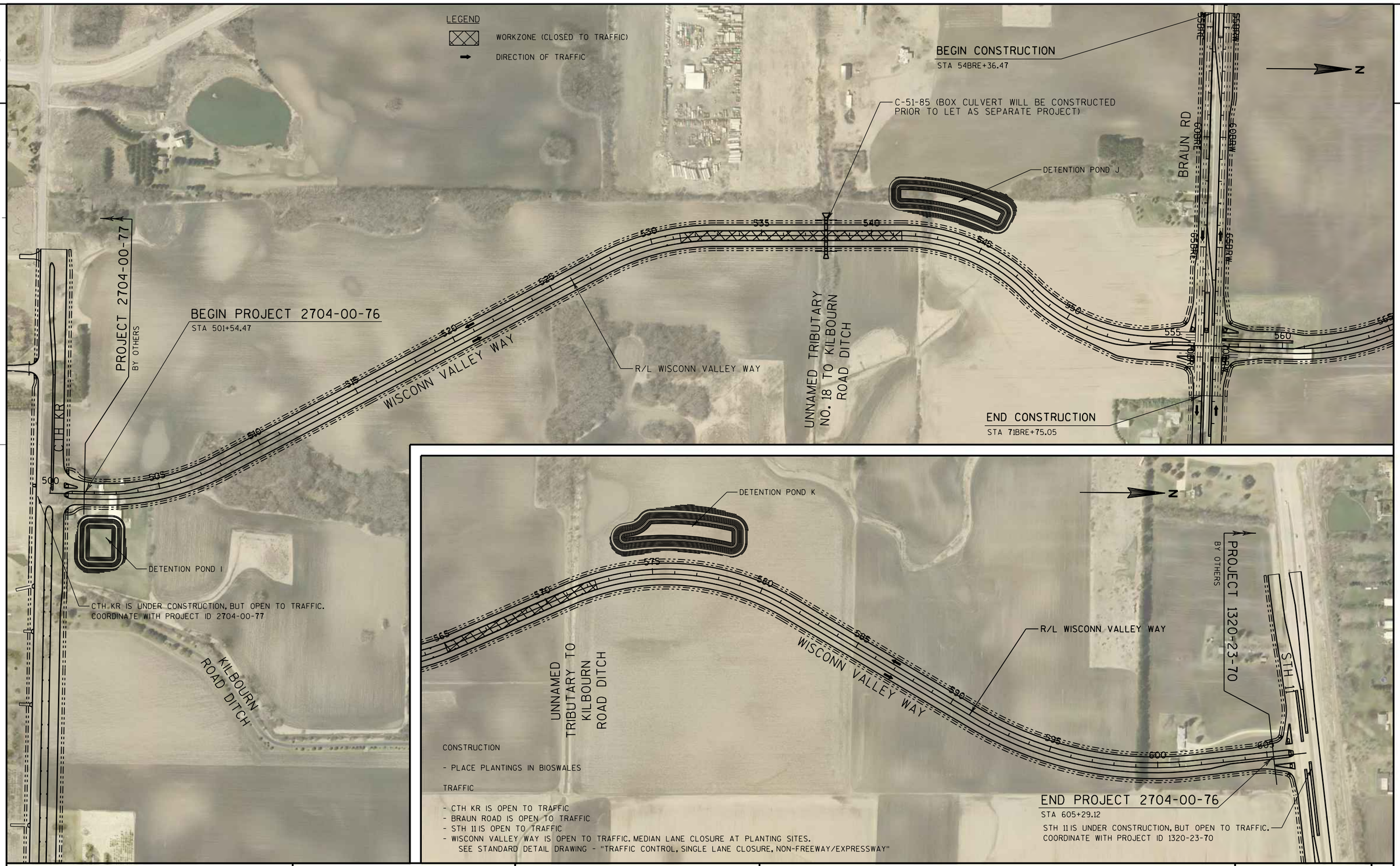
CONSTRUCTION

- NONE

TRAFFIC

- CTH KR IS OPEN TO TRAFFIC
- BRAUN ROAD IS OPEN TO TRAFFIC
- STH 11 IS OPEN TO TRAFFIC
- WISCONN VALLEY WAY IS OPEN TO TRAFFIC

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CONSTRUCTION STAGING - STAGE 3 (WINTER SHUTDOWN)	SHEET	E



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CONSTRUCTION STAGING - STAGE 4	SHEET	E

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC

N

WISCONN VALLEY WAY SB

WISCONN VALLEY WAY NB

561 560 559 558 557 556 555 554 553 552

ROAD CLOSED
R11-2
48" X 30"

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

LANE CLOSED
R11-2L
48" X 30"

500'

ROAD WORK AHEAD
W20-1

64BRW 66BRW 68BRW 70BRW 72BRW BRAUN RD WB 74BRW 76BRW 78

64BRE 66BRE 68BRE 70BRE 72BRE BRAUN RD EB 74BRE 76BRE 78

LANE CLOSED
R11-2L
48" X 30"

ROAD CLOSED
R11-2
48" X 30"

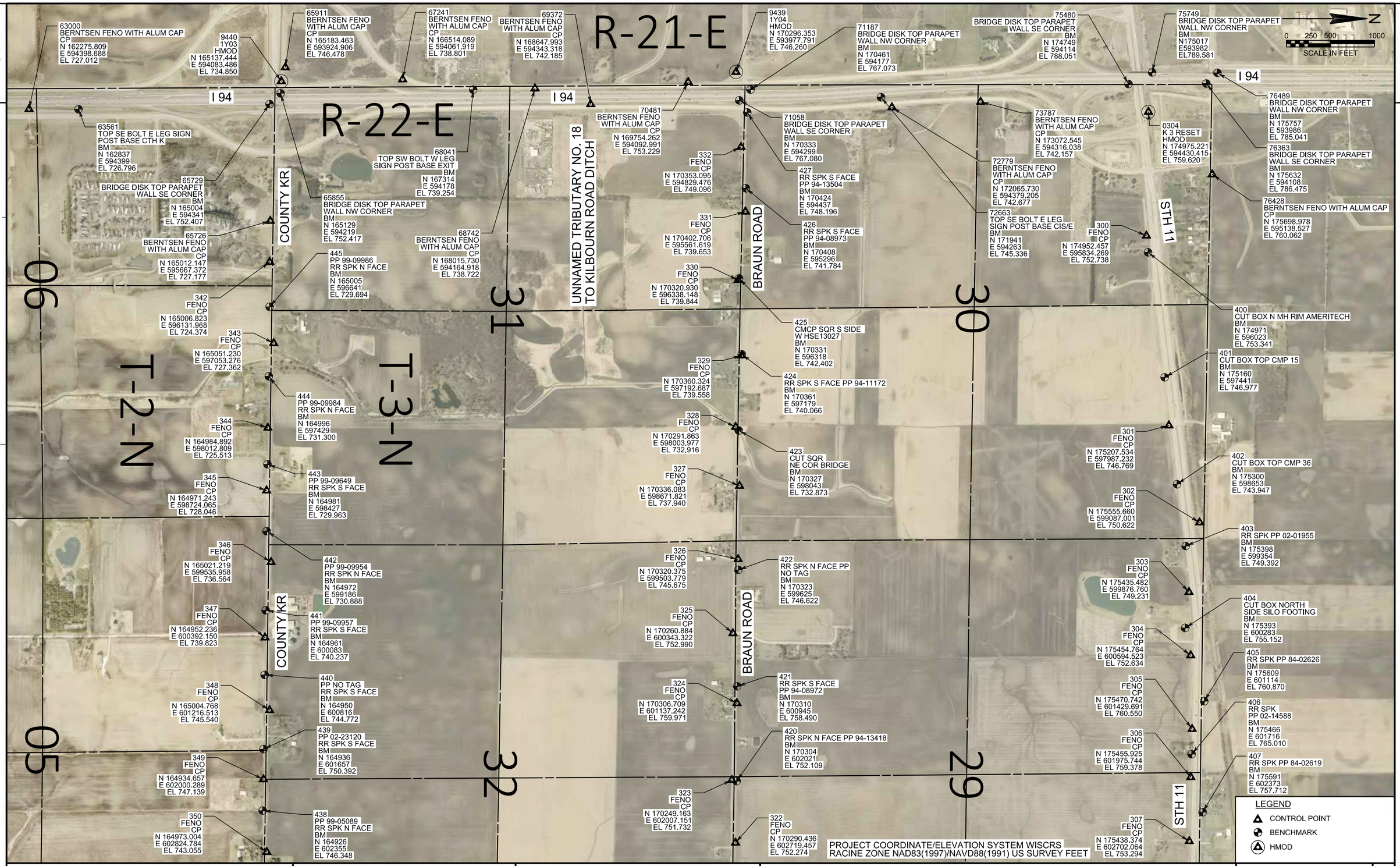
END ROAD WORK
G20-2A
48" X 24"

ROAD WORK AHEAD
W20-1

500'

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET	E

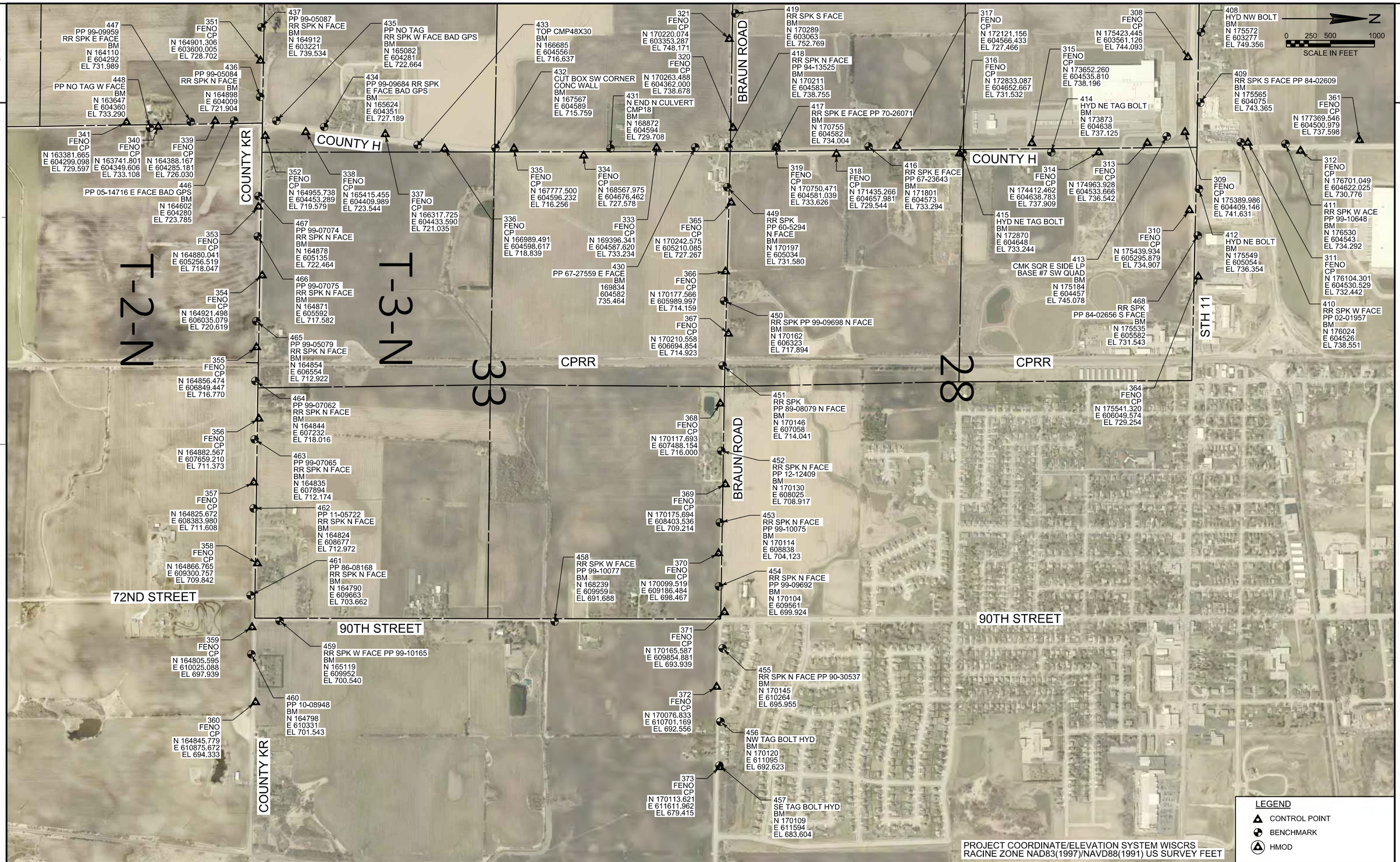
FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\026012_TC.dgn PLOT DATE : 11/29/2018 PLOT BY : nbobinski PLOT NAME : PLOT SCALE : 1:100



PROJECT NO: FOXCONN DEVELOPMENT	HWY: VARIES	COUNTY: RACINE	CONTROL AND BENCHMARK OVERVIEW	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\Displays\CONTROL AND BENCHMARK DISPLAY\CONTROL AND BENCHMARKS DISPLAY SHT 1.dgn PLOT DATE : 3/29/2018 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:1000

WISDOT/CADDS SHEET 42



PROJECT NO: FOXCONN DEVELOPMENT	HWY: VARIES	COUNTY: RACINE	CONTROL AND BENCHMARK OVERVIEW	SHEET	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\Displays\CONTROL AND BENCHMARK DISPLAY\CONTROL AND BENCHMARKS DISPLAY SHT 2.dgn PLOT DATE : 3/29/2018 PLOT BY : wwoldk PLOT NAME : PLOT SCALE : 1:1000

NOTE:
1) SEE CONTROL AND BENCHMARK OVERVIEW FOR BENCHMARKS

BEGIN PROJECT 2704-00-76
STA 501+54.47
X=596789.82
Y=165249.21

CONCRETE MONUMENT W/ SEWRPC ALUM CAP
Y=167731.39
X=594140.50

CAST IRON MONUMENT W/ SEWRPC BRASS CAP
Y=170399.04
X=594126.81

CAST IRON MONUMENT W/ BRASS CAP
Y=167689.57
X=596692.28

CAST IRON MONUMENT W/ BRASS CAP
Y=170341.77
X=596664.43

CAST IRON MONUMENT W/ SEWRPC BRASS CAP
Y=173044.02
X=594120.76

CAST IRON MONUMENT MISSING BRASS CAP
Y=172998.34
X=596640.31

N00°44'36"E
237.68'

N28°20'42"W
1973.53'

N00°30'5"W
841.59'

N01°17'34"W
626.87'

N23°56'25"W
592.57'

N30°14'35"E
980.75'

N06°54'45"W
513.40'

STA 375+07.94 R/L CTH KR =
STA 499+96.05 R/L WISCONN VALLEY WAY

STA 556+88.12 R/L WISCONN VALLEY WAY =
STA 69BRW+48.70 BRAUN ROAD WEST

STA 556+40.12 R/L WISCONN VALLEY WAY =
STA 69BRE+48.70 BRAUN ROAD EAST

STA 606+79.13 R/L WISCONN VALLEY WAY =
STA 158+21.65 R/L WIS 11

END PROJECT 2704-00-76
STA 605+29.12
X=596458.57
Y=174935.05

CTH KR

WISCONN VALLEY WAY

BRAUN RD

STH 11

SECTION LINE S88°42'26"E 2538.26'

R/L WISCONN VALLEY WAY

R/L BRAUN ROAD WEST
SEE ALIGNMENT PLAN
BRAUN ROAD FOR
ADDITIONAL
INFORMATION

R/L BRAUN ROAD EAST
SEE ALIGNMENT PLAN
BRAUN ROAD FOR
ADDITIONAL
INFORMATION

CURVE WVW-1
CURVE WVW-2
CURVE WVW-3
CURVE WVW-4
CURVE WVW-5
CURVE WVW-6
CURVE WVW-7

CURVE WVW-1	CURVE WVW-2	CURVE WVW-3	CURVE WVW-4
PC=502+33.74	PC=527+61.66	PC=541+33.92	PRC=547+86.98
X=596790.85	X=595723.02	X=595584.78	X=595826.23
Y=165328.47	Y=167598.00	Y=168948.47	Y=169536.78
PI=505+17.05	PI=530+32.34	PI=544+78.88	PI=551+16.92
X=596794.52	X=595594.51	X=595581.76	X=596060.06
Y=165611.75	Y=167836.24	Y=169293.41	Y=169769.56
PT=507+88.13	PT=532+92.33	PRC=547+86.98	PT=554+14.35
X=596660.01	X=595592.14	X=595826.23	X=596067.50
Y=165861.09	Y=168106.91	Y=169536.78	Y=170099.41
R=1092.0000	R=1092.0000	R=820.0000	R=820.0000
DELTA=29°05'18" LT	DELTA=27°50'37" RT	DELTA=45°37'51" RT	DELTA=43°50'12" LT
D=5°14'49"	D=5°14'49"	D=6°59'14"	D=6°59'14"
L=554.3931	L=530.6723	L=653.0531	L=627.3757
T=283.3079	T=270.6843	T=344.9549	T=329.9418
BK=N 0°44'36" E	BK=N 28°20'42" W	BK=N 0°30'05" W	BK=N 45°07'46" E
AH=N 28°20'42" W	AH=N 0°30'05" W	AH=N 45°07'46" E	AH=N 1°17'34" E

CURVE WVW-5	CURVE WVW-6	CURVE WVW-7
PC=560+41.23	PC=571+14.72	PC=591+28.16
X=596081.65	X=595747.52	X=596296.18
Y=170726.13	Y=171735.48	Y=173575.87
PI=562+85.65	PI=576+73.32	PI=596+65.92
X=596087.16	X=595520.85	X=596567.04
Y=170970.49	Y=172246.02	Y=174040.45
PT=565+22.15	PT=581+47.40	PT=601+65.73
X=595987.98	X=595802.20	X=596502.31
Y=171193.88	Y=172728.60	Y=174574.31
R=1092.0000	R=1092.0000	R=1600.0000
DELTA=25°13'59" LT	DELTA=54°11'00" RT	DELTA=37°09'20" LT
D=5°14'49"	D=5°14'49"	D=3°34'52"
L=480.9184	L=1032.6793	L=1037.5772
T=244.4226	T=558.6038	T=537.7678
BK=N 1°17'34" E	BK=N 23°56'25" W	BK=N 30°14'35" E
AH=N 23°56'25" W	AH=N 30°14'35" E	AH=N 6°54'45" W

BM 425
BM 426
BM 427
BM 400
BM 401

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	ALIGNMENT PLAN	SHEET	E

2

2

N

BEGIN CONSTRUCTION
STA 54BRW+36.47
X=594561.83
Y=170407.23

POB 53BRW+00.00
X= 594425.40
Y= 170410.31

54BRW 56BRW 58BRW 60BRW 62BRW 64B

2538.26'
S88°42'26"E

SECTION LINE

BRAUN ROAD

50BRE 52BRE 54BRE 56BRE 58BRE 60BRE 62BRE 64B

POB 50BRE+95.04
X= 594219.42
Y= 170366.95

STATION EQUATION
STA 54BRE+36.47 BACK =
STA 54BRE+36.41 AHEAD

EQUATION

BEGIN CONSTRUCTION
STA 54BRE+36.47 / A 54BRE+36.41
X=594560.75
Y=170359.24

T 3 N
25 30
36 31
R 22 E

POINT 3143
Y=170399.04
X=594126.81

PROJECT NO: 2704-00-76	HWY: BRAUN ROAD	COUNTY: RACINE	ALIGNMENT: BRAUN ROAD	SHEET	E

2

2

POINT 3119
Y=172998.34
X=596640.31

T 3 N
30
R 22 E

N

VILLAGE OF MT PLEASANT

2656.68'
S00°31'13"E

1/4 LINE

WISCONN VALLEY WAY

R/L WISCONN VALLEY WAY
SEE ALIGNMENT PLAN WISCONN VALLEY
WAY FOR ADDITIONAL INFORMATION

END CONSTRUCTION
STA 71BRW+75.05
X=596299.98
Y=170368.00

POINT 3132
Y=170341.77
X=596664.43

T 3 N
30
31
R 22 E

BRW = 69BRW+48.70
WVW = 556WVW+88.12
X= 596073.68
Y= 170373.11

POE 75BRW+39.96
X= 596664.79
Y= 170359.77

R/L BRAUN RD WB

64BRW 66BRW 68BRW 70BRW 72BRW 74BRW 76BRW 78BRW

561 560 559 558 557

S 88°42'26" E

S 89°02'31" E

2538.26' SECTION LINE
S88°42'26"E

2631.51' SECTION LINE
S89°02'31"E

BRAUN ROAD

S 88°42'26" E

N 88°47'18" E

64BRE 66BRE 68BRE 70BRE 72BRE 74BRE 76BRE 78BRE

R/L BRAUN RD EB

556 555 554 553 552

BRE = 69BRE+48.65
WVW = 556WVW+40.12
X= 596072.60
Y= 170325.12

END CONSTRUCTION
STA A 71BRE+75.00
X=596298.89
Y=170320.01

POE A 73BRE+75.69
X= 596499.53
Y= 170315.49

WISCONN VALLEY WAY

2652.35'
S00°36'06"E

1/4 LINE

VILLAGE OF MT PLEASANT

POINT 3145
Y=167689.57
X=596692.28

T 3 N
31
R 22 E

PROJECT NO: 2704-00-76	HWY: BRAUN ROAD	COUNTY: RACINE	ALIGNMENT: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\WCVW_Plan_Sheet_2021_27_2018 3:47:31 PM PLOT BY : jdepies PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

CPM PROGRESS SCHEDULE

LOCATION	108.4400 CPM PROGRESS SCHEDULE EACH
PROJECT 2704-00-76	1
PROJECT 2704-00-76 TOTAL	1

CLEARING AND GRUBBING

STATION		STATION	OFFSET	LOCATION	201.0105 CLEARING STA	201.0205 GRUBBING STA
501+00	-	503+00	LT	WISCONN VALLEY WAY	2	2
501+00	-	503+00	RT	WISCONN VALLEY WAY	2	2
506+00	-	511+00	LT	WISCONN VALLEY WAY	5	5
506+00	-	512+00	RT	WISCONN VALLEY WAY	6	6
540+00	-	543+00	LT	WISCONN VALLEY WAY	3	3
542+00	-	543+00	RT	WISCONN VALLEY WAY	1	1
557+00	-	560+00	LT	WISCONN VALLEY WAY	3	3
557+00	-	560+00	RT	WISCONN VALLEY WAY	3	3
570+00	-	572+00	RT	WISCONN VALLEY WAY	2	2
571+00	-	572+00	LT	WISCONN VALLEY WAY	1	1
54BRE+00	-	64BRE+00	RT/LT	BRAUN ROAD EB	10	10
55BRW+00	-	56BRW+00	RT	BRAUN ROAD WB	1	1
PROJECT 2704-00-76 TOTAL					39	39

REMOVING DRAINTILE

LOCATION	204.9090.S.001 REMOVING DRAINTILE LF
UNDISTRIBUTED	4,375
PROJECT 2704-00-76 TOTAL	4,375

FINISHING ROADWAY

LOCATION	213.0100 FINISHING ROADWAY PROJECT ID 2704-00-76 EACH
PROJECT 2704-00-76	1
PROJECT 2704-00-76 TOTAL	1

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\27040076_MQ.ppt PLOT DATE : 11/30/2018 8:58:14 AM PLOT BY : JOHNATHAN OLSON PLOT NAME : 27040076_MQ1 PLOT SCALE : 1:1

3

REMOVING SMALL PIPE CULVERT

STATION	OFFSET	LOCATION	203.0100 REMOVING SMALL PIPE CULVERT EACH
62BRE+55	LT	BRAUN ROAD EB	1
63BRE+30	LT	BRAUN ROAD EB	1
60BRW+78	LT	BRAUN ROAD WB	1
69BRW+80	LT	BRAUN ROAD WB	1
70BRW+38	LT	BRAUN ROAD WB	1
PROJECT 2704-00-76 TOTAL			5

REMOVING FENCE

STATION	OFFSET	LOCATION	204.0170 REMOVING FENCE LF
54BRE+72 - 62BRE+45	RT	BRAUN ROAD EB	773
67BRW+20 - 68BRW+58	LT	BRAUN ROAD WB	165
68BRW+81 - 68BRW+92	LT	BRAUN ROAD WB	11
70BRW+05 - 70BRW+15	LT	BRAUN ROAD WB	10
PROJECT 2704-00-76 TOTAL			959

3

EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL

STA	TO	STA	OFFSET	205.0501.S EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL TON
558+00	-	558+50	RT	200
600+30	-	601+35	LT/RT	5,850
PROJECT 2704-00-76 TOTAL				6,050

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET:	E

3

ROADWAY	FROM / TO STATION	205.0100 EXCAVATION COMMON (1) (5) CUT (CY)	205.0100 EXCAVATION COMMON (1) (5) TOPSOIL REMOVAL (CY)	SPV.0035.001 EBS EXCAVATION (2) CY	SPV.0035.002 EBS BACKFILL CY	FILL (CY)	SPV.0035.003 ROADWAY EMBANKMENT (3) CY	MASS ORDINATE +/- (4)
WISCONN VALLEY WAY	501+54.47 to 556+04.11	28,174	39,700	--	--	95,046	134,746	-66872
WISCONN VALLEY WAY	557+24.12 to 605+29.12	15,449	31,200	--	--	43,733	74,933	-28284
WISCONN VALLEY WAY	UNDISTRIBUTED	--	--	28,631	28,631	--	--	--
WISCONN VALLEY WAY	POND I	14,495	--	--	--	888	888	13,607
WISCONN VALLEY WAY	POND J	36,225	--	--	--	--	--	36,225
WISCONN VALLEY WAY	POND K	39,889	--	--	--	--	--	39,889
BRAUN ROAD	54+36 to A74+75	12,070	15,463	--	--	10,314	25,777	1,756
BRAUN ROAD	UNDISTRIBUTED	--	--	3,093	3,093	--	--	--
PROJECT 2704-00-76 TOTAL		232,665		31,723	31,723	149,981	236,344	-3,679

1) Cut Volume Includes Concrete and Asphaltic Surface Material.

2) EBS Excavation to be backfilled with EBS Backfill. All EBS Excavation material is assumed to be wasted offsite.

3) Roadway Embankment = Unexpanded Fill + Topsoil Removal Replaced

4) The Mass Ordinate + or - quantity calculated by Division. A positive quantity indicates an excess of material within the division and a negative number indicates a shortage of material within the division. Mass Ordinate = Cut+Topsoil Removal-Embankment. The mass ordinate is for information purposes only as Common Excavation and Roadway Embankment are not balanced for quantity purposes and does not guarantee the quality of Common Excavation, and if it can be reused onsite.

5) Topsoil thickness estimated, refer to Topsoil Removal Construction Detail

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

AGGREGATE ITEMS

STA	TO	STA	OFFSET	ROADWAY	305.0120 BASE AGGREGATE DENSE 1 1/4 INCH TON	311.0110 BREAKER RUN TON
501+54	-	555+23	RT	WISCONN VALLEY WAY	7,034	16,884
501+54	-	555+23	LT	WISCONN VALLEY WAY	6,710	16,103
555+23	-	555+75	LT	WISCONN VALLEY WAY	6	23
555+23	-	556+00	RT	WISCONN VALLEY WAY	12	41
555+30	-	556+02	RT	WISCONN VALLEY WAY	92	83
555+30	-	556+04	RT	WISCONN VALLEY WAY	12	45
555+65	-	555+75	LT	WISCONN VALLEY WAY	4	7
555+76	-	556+00	RT	WISCONN VALLEY WAY	28	45
557+24	-	557+92	LT	WISCONN VALLEY WAY	12	43
557+27	-	557+92	LT	WISCONN VALLEY WAY	94	85
557+28	-	557+99	LT	WISCONN VALLEY WAY	8	31
557+28	-	557+99	LT	WISCONN VALLEY WAY	30	43
557+56	-	557+66	RT	WISCONN VALLEY WAY	4	7
557+56	-	557+99	RT	WISCONN VALLEY WAY	6	20
558+00	-	612+51	RT	WISCONN VALLEY WAY	5,940	14,254
558+00	-	612+51	LT	WISCONN VALLEY WAY	6,372	15,293
54BRE+36	-	71BRE+75	RT/LT	BRAUN ROAD	8,508	20,421
54BRE+36	-	56BRE+14	LT	BRAUN ROAD	82	119
54BRE+36	-	68BRE+48	LT	BRAUN ROAD	174	628
54BRE+36	-	68BRE+70	RT	BRAUN ROAD	90	326
54BRW+36	-	55BRW+42	RT	BRAUN ROAD	116	169
54BRW+36	-	55BRW+42	RT	BRAUN ROAD	16	56
54BRW+36	-	68BRW+64	LT	BRAUN ROAD	90	324
66BRE+49	-	68BRE+48	LT	BRAUN ROAD	92	133
67BRE+12	-	68BRE+85	LT	BRAUN ROAD	30	108
67BRE+12	-	68BRE+85	LT	BRAUN ROAD	28	40
68BRE+12	-	68BRE+86	RT	BRAUN ROAD	94	85
68BRE+12	-	68BRE+89	RT	BRAUN ROAD	12	47
69BRW+97	-	70BRW+69	LT	BRAUN ROAD	12	45
69BRW+99	-	70BRW+69	LT	BRAUN ROAD	86	77
70BRE+30	-	71BRE+75	RT	BRAUN ROAD	12	41
70BRW+01	-	71BRW+75	RT	BRAUN ROAD	64	94
70BRW+01	-	71BRW+75	RT	BRAUN ROAD	26	94
70BRW+12	-	71BRW+75	LT	BRAUN ROAD	12	41
70BRW+33	-	71BRW+75	RT	BRAUN ROAD	18	63
70BRW+33	-	71BRW+75	RT	BRAUN ROAD	62	88
PROJECT 2704-00-76 TOTAL					35,988	86,006

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

CONCRETE PAVEMENT

STATION	TO	STATION	OFFSET	LOCATION	415.0100 CONCRETE PAVEMENT 10-INCH SY
501+54	-	555+23	RT	WISCONN VALLEY WAY	15,600
501+54	-	555+23	LT	WISCONN VALLEY WAY	14,770
558+00	-	612+51	RT	WISCONN VALLEY WAY	13,090
558+00	-	612+51	LT	WISCONN VALLEY WAY	14,060
54BRE+36	-	71BRE+75	LT/RT	BRAUN ROAD	20,340
PROJECT 2704-00-76 TOTAL					77,860

CONCRETE PAVEMENT JOINT LAYOUT

STATION	LOCATION	415.5110.S CONCRETE PAVEMENT JOINT LAYOUT LS
PROJECT 2704-00-76	WISCONN VALLEY WAY/BRAUN RD	1
PROJECT 2704-00-76 TOTAL		1

DRILLED DOWEL BARS

STA	OFFSET	LOCATION	DRILLED DOWEL BARS 416.0620 EACH
501+54	RT	WISCONN VALLEY WAY	16
501+54	LT	WISCONN VALLEY WAY	29
605+29	RT	WISCONN VALLEY WAY	31
605+29	LT	WISCONN VALLEY WAY	23
54BRE+36	RT	BRAUN ROAD	25
54BRW+36	LT	BRAUN ROAD	32
71BRE+75	RT	BRAUN ROAD	24
71BRW+75	LT	BRAUN ROAD	32
PROJECT 2704-00-76 TOTAL			212

CONCRETE SURFACE DRAINS

STATION	OFFSET	LOCATION	416.1010 CONCRETE SURFACE DRAINS CY
530+66	RT	WISCONN VALLEY WAY	0.4
530+66	LT	WISCONN VALLEY WAY	0.4
531+78	RT	WISCONN VALLEY WAY	0.4
531+78	LT	WISCONN VALLEY WAY	0.4
532+88	RT	WISCONN VALLEY WAY	0.4
532+88	LT	WISCONN VALLEY WAY	0.4
533+99	RT	WISCONN VALLEY WAY	0.4
533+99	LT	WISCONN VALLEY WAY	0.4
535+10	RT	WISCONN VALLEY WAY	0.4
535+10	LT	WISCONN VALLEY WAY	0.4
536+22	RT	WISCONN VALLEY WAY	0.4
536+22	LT	WISCONN VALLEY WAY	0.4
537+33	RT	WISCONN VALLEY WAY	0.4
537+33	LT	WISCONN VALLEY WAY	0.4
538+45	RT	WISCONN VALLEY WAY	0.4
538+45	LT	WISCONN VALLEY WAY	0.4
539+57	RT	WISCONN VALLEY WAY	0.4
539+57	LT	WISCONN VALLEY WAY	0.4
540+69	RT	WISCONN VALLEY WAY	0.4
540+69	LT	WISCONN VALLEY WAY	0.4
564+30	RT	WISCONN VALLEY WAY	0.4
564+30	LT	WISCONN VALLEY WAY	0.4
565+35	RT	WISCONN VALLEY WAY	0.4
565+35	LT	WISCONN VALLEY WAY	0.4
566+40	RT	WISCONN VALLEY WAY	0.4
566+40	LT	WISCONN VALLEY WAY	0.4
567+45	RT	WISCONN VALLEY WAY	0.4
567+45	LT	WISCONN VALLEY WAY	0.4
568+50	RT	WISCONN VALLEY WAY	0.4
568+50	LT	WISCONN VALLEY WAY	0.4
569+55	RT	WISCONN VALLEY WAY	0.4
569+55	LT	WISCONN VALLEY WAY	0.4
570+60	RT	WISCONN VALLEY WAY	0.4
570+60	LT	WISCONN VALLEY WAY	0.4
571+65	RT	WISCONN VALLEY WAY	0.4
571+65	LT	WISCONN VALLEY WAY	0.4
PROJECT 2704-00-76 TOTAL			14.4

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

3

SEALING PIPES

ROADWAY	STATION	OFFSET	PIPE END	PIPE ID	204.0280 SEALING PIPES EACH
WISCONN VALLEY WAY					
	606+19	72' RT	UPSTREAM	P2004	1
TOTAL					1

CONCRETE COLLARS FOR PIPE

ROADWAY	STATION	OFFSET	PIPE ID	SIZE (IN)	520.8000 CONCRETE COLLARS FOR PIPE EACH
WISCONN VALLEY WAY					
	379+35	56' RT	PE1265	24	1
	441+85	56' RT	PE1289	24	1
TOTAL					2

CULVERT ITEMS

FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	INLET ELEV	DISCH ELEV	SLOPE	SPV.0090.003 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 53x83-INCH LF	522.2653 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 53x83-INCH EACH	633.5200* MARKERS CULVERT END EACH
WISCONN VALLEY WAY									
571+57	105' LT	570+64	106' RT	731.00	730.98	0.01%	231	2	2
571+69	105' LT	570+78	106' RT	731.00	730.98	0.01%	231	2	2
TOTALS							462	4	4

1. PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES OR END OF ENDWALLS
2. ENDWALL ELEVATION / STATION / OFFSET ARE TO END CENTER OF ENDWALL

* ADDITIONAL QUANTITIES LISTED ELSEWHERE IN PLAN

APRON ENDWALLS

ROADWAY	PIPE ID	ENDWALL ID	ENDWALL ELEVATION	ENDWALL STATION	ENDWALL OFFSET	522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH EACH	522.1015 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 15-INCH EACH	522.1018 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	522.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	522.1030 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH EACH	522.1036 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 36-INCH EACH	522.1060 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 60-INCH EACH	522.2629 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 29x45-INCH EACH	522.2634 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 34x53-INCH EACH	633.5200* MARKERS CULVERT END EACH
WISCONN VALLEY WAY															
	P1020	1021	724.00	501+55	392' RT	1	--	--	--	--	--	--	--	--	1
	P1016	1017	726.00	502+63	126' RT	--	1	--	--	--	--	--	--	--	1
	P1218	1219	725.95	502+86	128' RT	--	--	--	--	--	--	--	1	--	1
	P1332	1333	729.00	543+50	141' LT	--	--	1	--	--	--	--	--	--	1
	P1646	1647	728.87	544+84	142' LT	--	--	--	--	--	--	--	--	1	1
	P1684	1685	732.96	570+53	104' RT	--	--	--	1	--	--	--	--	--	1
	P1708	1709	732.01	570+83	114' RT	--	1	--	--	--	--	--	--	--	1
	P1712	1713	731.01	571+80	131' LT	--	--	--	--	1	--	--	--	--	1
	P1746	1747	732.55	575+50	149' LT	--	1	--	--	--	--	--	--	--	1
	P1998	1999	732.72	578+09	146' LT	--	--	--	--	--	1	--	--	--	1
	P2024	2025	731.55	578+32	156' LT	--	--	--	--	--	--	1	--	--	1
TOTALS						1	3	1	1	1	1	1	1	1	11

NOTE

1) ENDWALL ELEVATION / STATION / OFFSET ARE TO END CENTER OF ENDWALL

*ADDITIONAL QUANTITIES LISTED ELSEWHERE IN PLAN

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET:	E

POND LINER CLAY

ROADWAY	LOCATION	640.1303.S POND LINER CLAY CY
WISCONN VALLEY WAY		
	POND I	2,698
	POND J	4,742
	POND K	5,846
TOTAL		13,286

COVER PLATES LEFT IN PLACE

ROADWAY	STRUCTURE ID	STATION	OFFSET	FUTURE CASTING	SPV.0060.012 COVER PLATES LEFT IN PLACE EACH
WISCONN VALLEY WAY					
	1807	605+39	40' RT	HM	1
	1809	605+39	44' RT	HM	1
TOTAL					2

REMOVING BULKHEAD

ROADWAY	STATION	OFFSET	SPV.0060.017 REMOVING BULKHEAD EACH
WISCONN VALLEY WAY			
	379+35	56' RT	1
	441+85	56' RT	1
TOTAL			2

BIORETENTION

ROADWAY	STATION	OFFSET	BIORETENTION CELL SURFACE ELEVATION	SPV.0060.725 BIORETENTION TYPE A EACH	SPV.0060.726 BIORETENTION TYPE B EACH
WISCONN VALLEY WAY					
	531+88	0' RT	739.38	1	--
	534+09	0' RT	738.27	--	1
	536+32	0' RT	737.15	1	--
	538+55	0' RT	736.04	--	1
	540+79	0' RT	734.92	1	--
	565+45	0' RT	741.87	1	--
	567+55	0' RT	740.82	--	1
	569+65	0' RT	739.77	1	--
	571+75	0' RT	738.73	--	1
TOTALS				5	4

POND OUTLET STORM SEWER STRUCTURES

ROADWAY	STR. NO.	PIPE ID	STATION	OFFSET	SPV.0060.020 POND I OUTLET STORM SEWER STRUCTURE EACH	SPV.0060.021 POND J OUTLET STORM SEWER STRUCTURE EACH	SPV.0060.022 POND K OUTLET STORM SEWER STRUCTURE EACH
WISCONN VALLEY WAY							
	1019	P1020	501+76	313' RT	1	--	--
	1271	P1272	541+22	142' LT	--	1	--
	1711	P1712	573+74	171' LT	--	--	1
TOTALS					1	1	1

CHECK VALVES

ROADWAY	STATION	OFFSET	PIPE ID	SPV.0060.023 SLIP-IN CHECK VALVE FOR 12-INCH INSIDE DIAMETER PIPE EACH	SPV.0060.024 SLIP-IN CHECK VALVE FOR 24-INCH INSIDE DIAMETER PIPE EACH	SPV.0060.025 SLIP-IN CHECK VALVE FOR 30-INCH INSIDE DIAMETER PIPE EACH
WISCONN VALLEY WAY						
	501+75	316' RT	P1020	1	--	--
	538+58	49' RT	P1272	--	1	--
	573+72	170' LT	P1712	--	--	1
TOTAL				1	1	1

CONCRETE SIDEWALK

STA	TO	STA	OFFSET	LOCATION	602.0410 CONCRETE SIDEWALK 5-INCH SF
555+65	-	555+75	LT	WISCONN VALLEY WAY	75
555+76	-	556+00	RT	WISCONN VALLEY WAY	441
555+30	-	556+02	RT	WISCONN VALLEY WAY	934
555+57	-	555+74	RT	WISCONN VALLEY WAY	166
557+27	-	557+92	LT	WISCONN VALLEY WAY	947
557+28	-	557+99	LT	WISCONN VALLEY WAY	496
557+55	-	557+73	LT	WISCONN VALLEY WAY	164
557+56	-	557+66	RT	WISCONN VALLEY WAY	75
558+00	-	560+41	RT	WISCONN VALLEY WAY	1,693
54BRE+36	-	56BRE+14	LT	BRAUN ROAD	1,340
54BRW+36	-	55BRW+42	RT	BRAUN ROAD	1,894
66BRW+49	-	68BRW+48	RE	BRAUN ROAD	1,492
67BRE+59	-	68BRE+85	LT	BRAUN ROAD	442
68BRE+12	-	68BRE+86	RT	BRAUN ROAD	948
68BRE+36	-	68BRE+54	RT	BRAUN ROAD	164
69BRW+99	-	70BRW+69	LT	BRAUN ROAD	861
70BRE+33	-	71BRE+75	LT	BRAUN ROAD	996
70BRW+01	-	71BRW+75	RT	BRAUN ROAD	1,046
70BRW+29	-	71BRW+46	LT	BRAUN ROAD	164
PROJECT 2704-00-76 TOTAL					14,338

CONCRETE CURB & GUTTER

STA	TO	STA	OFFSET	LOCATION	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A LF	601.0555 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A LF
501+54	-	555+23	RT	WISCONN VALLEY WAY	10,746	--
501+54	-	555+23	LT	WISCONN VALLEY WAY	10,733	--
554+06	-	555+23	RT	WISCONN VALLEY WAY	--	235
555+23	-	555+75	LT	WISCONN VALLEY WAY	54	--
555+23	-	555+75	LT	WISCONN VALLEY WAY	52	--
555+23	-	556+00	RT	WISCONN VALLEY WAY	--	77
555+23	-	556+00	RT	WISCONN VALLEY WAY	--	77
555+30	-	555+99	RT	WISCONN VALLEY WAY	69	--
555+30	-	556+02	RT	WISCONN VALLEY WAY	96	--
557+26	-	557+97	LT	WISCONN VALLEY WAY	96	--
557+28	-	557+99	LT	WISCONN VALLEY WAY	71	--
557+28	-	557+99	LT	WISCONN VALLEY WAY	71	--
557+29		557+97	LT	WISCONN VALLEY WAY	68	--
557+56	-	557+99	RT	WISCONN VALLEY WAY	43	--
557+56	-	558+28	RT	WISCONN VALLEY WAY	73	--
558+00	-	611+24	RT	WISCONN VALLEY WAY	9,475	--
558+00	-	611+24	LT	WISCONN VALLEY WAY	9,453	--
558+00	-	560+41	LT	WISCONN VALLEY WAY	484	--
54BRE+36	-	68BRE+48	LT	BRAUN RD	1,413	--
54BRE+36	-	68BRE+68	RT	BRAUN RD	1,463	--
54BRW+36		68BRW+48	RT	BRAUN RD	1,413	--
54BRW+36		68BRW+62	LT	BRAUN RD	1,461	--
54BRW+36	-	55BRW+42	RT	BRAUN RD	--	105
54BRW+36	-	55BRW+42	RT	BRAUN RD	--	105
67BRE+12	-	68BRE+85	LT	BRAUN RD	--	173
67BRE+12	-	68BRE+85	LT	BRAUN RD	--	173
68BRE+12	-	68BRE+84	RT	BRAUN RD	72	--
68BRE+12	-	68BRE+86	RT	BRAUN RD	96	--
69BRW+99	-	70BRW+69	LT	BRAUN RD	90	--
70BRE+28	-	71BRE+75	LT	BRAUN RD	147	--
70BRE+32	-	71BRE+75	RT	BRAUN RD	187	--
70BRW+01	-	71BRW+75	RT	BRAUN RD	--	174
70BRW+01	-	71BRW+75	RT	BRAUN RD	--	174
70BRW+02	-	70BRW+69	LT	BRAUN RD	67	--
70BRW+14	-	71BRW+75	LT	BRAUN RD	186	--
70BRW+28	-	71BRW+75	RT	BRAUN RD	147	--
PROJECT 2704-00-76 TOTAL					48,326	1,293

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

3

CURB RAMP DETECTABLE WARNING FIELDS

STATION	OFFSET	LOCATION	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF
555+37	LT	WISCONN VALLEY WAY	20
555+37	LT	WISCONN VALLEY WAY	20
555+37	LT	WISCONN VALLEY WAY	20
555+60	LT	WISCONN VALLEY WAY	20
555+68	RT	WISCONN VALLEY WAY	20
555+86	RT	WISCONN VALLEY WAY	20
555+91	RT	WISCONN VALLEY WAY	20
555+91	RT	WISCONN VALLEY WAY	20
555+91	RT	WISCONN VALLEY WAY	20
556+00	RT	WISCONN VALLEY WAY	20
555+91	RT	WISCONN VALLEY WAY	20
556+00	RT	WISCONN VALLEY WAY	20
557+27	LT	WISCONN VALLEY WAY	20
557+43	LT	WISCONN VALLEY WAY	20
68BRE+49	RT	BRAUN ROAD	20
68BRE+68	RT	BRAUN ROAD	20
68BRE+74	RT	BRAUN ROAD	20
68BRE+74	LT	BRAUN ROAD	20
68BRE+74	LT	BRAUN ROAD	20
68BRE+85	RT	BRAUN ROAD	20
70BRW+00	LT	BRAUN ROAD	20
70BRW+12	RT	BRAUN ROAD	20
70BRW+12	RT	BRAUN ROAD	20
70BRW+12	LT	BRAUN ROAD	20
70BRW+16	LT	BRAUN ROAD	20
70BRW+34	LT	BRAUN ROAD	20
PROJECT 2704-00-76 TOTAL			480

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\27040076_MQ.ppt PLOT DATE : 11/30/2018 8:58:15 AM PLOT BY : JOHNATHAN OLSON PLOT NAME : 27040076_MQ7 PLOT SCALE : 1:1

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RIPRAP

STATION	OFFSET	LOCATION	606.0300 RIPRAP HEAVY CY	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE TYPE HR SY	606.0100 RIPRAP LIGHT CY	645.0130 GEOTEXTILE TYPE R SY	COMMENTS
501+56	RT	WISCONN VALLEY WAY	--	2.4	20	--	--	ENDWALL
502+63	RT	WISCONN VALLEY WAY	--	3.2	20	--	--	ENDWALL
502+87	RT	WISCONN VALLEY WAY	--	11.0	40	--	--	ENDWALL
530+66	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
530+66	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
531+78	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
531+78	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
532+88	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
532+88	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
533+99	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
533+99	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
535+10	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
535+10	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
536+22	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
536+22	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
537+33	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
537+33	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
537+79	RT	WISCONN VALLEY WAY	--	6.0	30	--	--	ENDWALL
538+05	RT	WISCONN VALLEY WAY	--	6.0	30	--	--	ENDWALL
538+45	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
538+45	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
539+57	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
539+57	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
539+57	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
539+57	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
540+69	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
540+69	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
543+50	LT	WISCONN VALLEY WAY	--	4.0	20	--	--	ENDWALL
544+86	LT	WISCONN VALLEY WAY	--	12.5	40	--	--	ENDWALL
564+30	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
564+30	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
565+35	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
565+35	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
566+40	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
566+40	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
567+45	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
567+45	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
568+50	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
568+50	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
569+55	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
569+55	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
570+60	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
570+60	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
570+70	RT	WISCONN VALLEY WAY	96	--	200	--	--	CROSS CULVERTS
571+65	RT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
571+65	LT	WISCONN VALLEY WAY	--	--	--	0.5	6.2	SURFACE DRAIN
571+70	LT	WISCONN VALLEY WAY	44	--	120	--	--	CROSS CULVERTS
575+50	LT	WISCONN VALLEY WAY	--	3.2	20	--	--	ENDWALL
578+09	LT	WISCONN VALLEY WAY	--	12.5	40	--	--	ENDWALL
578+36	LT	WISCONN VALLEY WAY	--	15.7	50	--	--	ENDWALL
PROJECT 2704-00-76 TOTAL			140	76.5	630	18.0	223.2	

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1001	502+04.90	51.1	LT	731.13	INLETS 4-FT DIAMETER	H-S	3.76	---	P1002	1001	1003	727.37	727.24	0.50	26	30	IV	15	---
WISCONN VALLEY WAY	1003	501+75.25	54.1	LT	731.22	INLETS 4-FT DIAMETER	H	3.98	---	P1004	1003	1005	727.24	727.06	0.50	36	40	IV	15	---
WISCONN VALLEY WAY	1005	501+75.00	10.0	LT	731.33	INLETS 4-FT DIAMETER	H	4.27	---	P1006	1005	1007	727.06	726.90	0.50	32	36	IV	15	---
WISCONN VALLEY WAY	1007	501+75.00	22.0	RT	731.57	INLETS 4-FT DIAMETER	H	4.67	---	P1008	1007	1009	726.90	726.80	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1009	501+75.00	50.0	RT	731.69	INLETS 4-FT DIAMETER	H	4.89	---	P1010	1009	1015	726.80	726.38	0.50	85	89	IV	15	---
WISCONN VALLEY WAY	1011	502+38.55	10.0	LT	730.96	INLETS 4-FT DIAMETER	H-S	4.28	---	P1012	1011	1013	726.68	726.48	0.50	39	43	IV	15	---
WISCONN VALLEY WAY	1013	502+62.55	22.0	RT	731.32	INLETS 4-FT DIAMETER	H-S	4.84	---	P1014	1013	1015	726.48	726.38	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1015	502+62.55	50.0	RT	731.32	INLETS 4-FT DIAMETER	H-S	4.94	---	P1016	1015	1017	726.38	726.03	0.50	70	72	IV	15	TO ENDWALL
WISCONN VALLEY WAY	1019	501+76.16	313.5	RT	727.50	POND OUTLET STRUCTURE	---	2.50	POND I OUTLET STORM SEWER STRUCTURE. SEE CONSTRUCTION DETAIL.	P1020	1019	1021	725.00	724.08	1.27	72	75	III	12	TO ENDWALL
WISCONN VALLEY WAY	1031	527+50.00	50.0	LT	741.12	INLETS 4-FT DIAMETER	H	5.79	---	P1032	1031	1033	735.33	735.23	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1033	527+50.00	22.0	LT	741.12	INLETS 4-FT DIAMETER	H	5.89	---	P1034	1033	1035	735.23	735.01	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1035	527+50.00	22.0	RT	741.12	INLETS 4-FT DIAMETER	H	6.11	---	P1036	1035	1037	735.01	734.92	0.50	19	24	IV	15	---
WISCONN VALLEY WAY	1037	527+50.00	50.0	RT	741.12	MANHOLES 5-FT DIAMETER	H	6.95	---	P1038	1037	1047	734.17	733.71	0.32	145	150	IV	24	---
WISCONN VALLEY WAY	1041	526+00.00	50.0	LT	740.37	INLETS 4-FT DIAMETER	H	5.50	---	P1042	1041	1043	734.87	734.77	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1043	526+00.00	22.0	LT	740.37	INLETS 4-FT DIAMETER	H	5.60	---	P1044	1043	1045	734.77	734.55	0.50	44	48	IV	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH [1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE [A] %	PIPE LENGTH [B] (FT)	PLAN LENGTH [C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1045	526+00.00	22.0	RT	740.37	INLETS 4-FT DIAMETER	H	5.82	---	P1046	1045	1047	734.55	734.46	0.50	19	24	IV	15	---
WISCONN VALLEY WAY	1047	526+00.00	50.0	RT	740.37	MANHOLES 5-FT DIAMETER	H	6.66	---	P1048	1047	1057	733.71	733.25	0.32	145	150	IV	24	---
WISCONN VALLEY WAY	1051	524+50.00	50.0	LT	739.62	INLETS 4-FT DIAMETER	H	5.20	---	P1052	1051	1053	734.42	734.32	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1053	524+50.00	22.0	LT	739.62	INLETS 4-FT DIAMETER	H	5.30	---	P1054	1053	1055	734.32	734.10	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1055	524+50.00	22.0	RT	739.62	INLETS 4-FT DIAMETER	H	5.52	---	P1056	1055	1057	734.10	734.00	0.50	19	24	IV	15	---
WISCONN VALLEY WAY	1057	524+50.00	50.0	RT	739.62	MANHOLES 5-FT DIAMETER	H	6.37	---	P1058	1057	1067	733.25	732.79	0.32	145	150	IV	24	---
WISCONN VALLEY WAY	1061	523+00.00	50.0	LT	738.87	INLETS 4-FT DIAMETER	H	4.92	---	P1062	1061	1063	733.95	733.85	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1063	523+00.00	22.0	LT	738.87	INLETS 4-FT DIAMETER	H	5.02	---	P1064	1063	1065	733.85	733.63	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1065	523+00.00	22.0	RT	738.87	INLETS 4-FT DIAMETER	H	5.24	---	P1066	1065	1067	733.63	733.54	0.50	19	24	IV	15	---
WISCONN VALLEY WAY	1067	523+00.00	50.0	RT	738.87	MANHOLES 5-FT DIAMETER	H	6.08	---	P1068	1067	1077	732.79	732.33	0.32	145	150	IV	24	---
WISCONN VALLEY WAY	1071	521+50.00	50.0	LT	738.12	INLETS 4-FT DIAMETER	H	4.62	---	P1072	1071	1073	733.50	733.40	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1073	521+50.00	22.0	LT	738.12	INLETS 4-FT DIAMETER	H	4.72	---	P1074	1073	1075	733.40	733.18	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1075	521+50.00	22.0	RT	738.12	INLETS 4-FT DIAMETER	H	4.94	---	P1076	1075	1077	733.18	733.08	0.50	19	24	IV	15	---
WISCONN VALLEY WAY	1077	521+50.00	50.0	RT	738.12	MANHOLES 5-FT DIAMETER	H	5.79	---	P1078	1077	1087	732.33	731.95	0.32	120	125	IV	24	---
WISCONN VALLEY WAY	1081	520+25.00	50.0	LT	737.49	INLETS 4-FT DIAMETER	H	4.38	---	P1082	1081	1083	733.11	733.01	0.50	20	24	IV	15	---

[1] DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B] PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C] PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1083	520+25.00	22.0	LT	737.49	INLETS 4-FT DIAMETER	H	4.48	---	P1084	1083	1085	733.01	732.79	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1085	520+25.00	22.0	RT	737.49	INLETS 4-FT DIAMETER	H	4.70	---	P1086	1085	1087	732.79	732.70	0.50	18	23	IV	15	---
WISCONN VALLEY WAY	1087	520+25.00	50.0	RT	737.49	MANHOLES 6-FT DIAMETER	H	5.54	---	P1088	1087	1097	731.95	731.69	0.32	82	88	HE-IV	24x38	---
WISCONN VALLEY WAY	1091	519+37.40	50.0	LT	737.05	INLETS 4-FT DIAMETER	H	4.20	---	P1092	1091	1093	732.85	732.75	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1093	519+37.40	22.0	LT	737.05	INLETS 4-FT DIAMETER	H	4.30	---	P1094	1093	1095	732.75	732.53	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1095	519+37.40	22.0	RT	737.05	INLETS 4-FT DIAMETER	H	4.52	---	P1096	1095	1097	732.53	732.44	0.50	18	23	IV	15	---
WISCONN VALLEY WAY	1097	519+37.40	50.0	RT	737.05	MANHOLES 6-FT DIAMETER	H	5.36	---	P1098	1097	1107	731.69	731.15	0.32	169	175	HE-IV	24x38	---
WISCONN VALLEY WAY	E208	517+62.40	19.0	LT	736.18	INLETS 4-FT DIAMETER	H	3.87	---	P1102	1101	1103	732.31	732.21	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1103	517+62.40	22.0	LT	736.18	INLETS 4-FT DIAMETER	H	3.97	---	P1104	1103	1105	732.21	731.99	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1105	517+62.40	22.0	RT	736.18	INLETS 4-FT DIAMETER	H	4.19	---	P1106	1105	1107	731.99	731.90	0.50	18	23	IV	15	---
WISCONN VALLEY WAY	1107	517+62.40	50.0	RT	736.18	MANHOLES 6-FT DIAMETER	H	5.03	---	P1108	1107	1117	731.15	730.97	0.32	56	62	HE-IV	24x38	---
WISCONN VALLEY WAY	1111	517+00.00	50.0	LT	736.02	INLETS 4-FT DIAMETER	H-S	3.89	---	P1112	1111	1113	732.13	732.03	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1113	517+00.00	22.0	LT	736.02	INLETS 4-FT DIAMETER	H-S	3.99	---	P1114	1113	1115	732.03	731.81	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1115	517+00.00	22.0	RT	736.02	INLETS 4-FT DIAMETER	H-S	4.21	---	P1116	1115	1117	731.81	731.72	0.50	18	23	IV	15	---
WISCONN VALLEY WAY	1117	517+00.00	50.0	RT	736.02	MANHOLES 6-FT DIAMETER	H-S	5.05	---	P1118	1117	1127	730.97	730.75	0.32	69	75	HE-IV	24x38	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1121	516+25.00	50.0	LT	736.24	INLETS 4-FT DIAMETER	H	4.33	---	P1122	1121	1123	731.91	731.81	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1123	516+25.00	22.0	LT	736.24	INLETS 4-FT DIAMETER	H	4.43	---	P1124	1123	1125	731.81	731.59	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1125	516+25.00	22.0	RT	736.24	INLETS 4-FT DIAMETER	H	4.65	---	P1126	1125	1127	731.59	731.50	0.50	18	23	IV	15	---
WISCONN VALLEY WAY	1127	516+25.00	50.0	RT	736.24	MANHOLES 6-FT DIAMETER	H	5.49	---	P1128	1127	1137	730.75	729.73	0.32	319	325	HE-IV	24x38	---
WISCONN VALLEY WAY	1131	513+00.00	50.0	LT	736.32	INLETS 4-FT DIAMETER	H	5.43	---	P1132	1131	1133	730.89	730.79	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1133	513+00.00	22.0	LT	736.32	INLETS 4-FT DIAMETER	H	5.53	---	P1134	1133	1135	730.79	730.57	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1135	513+00.00	22.0	RT	736.32	INLETS 4-FT DIAMETER	H	5.75	---	P1136	1135	1137	730.57	730.48	0.50	18	23	IV	15	---
WISCONN VALLEY WAY	1137	513+00.00	50.0	RT	736.32	MANHOLES 6-FT DIAMETER	H	6.59	---	P1138	1137	1147	729.73	729.27	0.32	144	150	HE-IV	24x38	---
WISCONN VALLEY WAY	1141	511+50.00	50.0	LT	735.57	INLETS 4-FT DIAMETER	H	5.14	---	P1142	1141	1143	730.43	730.33	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1143	511+50.00	22.0	LT	735.57	INLETS 4-FT DIAMETER	H	5.24	---	P1144	1143	1145	730.33	730.11	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1145	511+50.00	22.0	RT	735.57	INLETS 4-FT DIAMETER	H	5.46	---	P1146	1145	1147	730.11	730.02	0.50	18	23	IV	15	---
WISCONN VALLEY WAY	1147	511+50.00	50.0	RT	735.57	MANHOLES 6-FT DIAMETER	H	6.30	---	P1148	1147	1157	729.27	728.83	0.32	139	145	HE-IV	24x38	---
WISCONN VALLEY WAY	1151	510+05.00	50.0	LT	734.85	INLETS 4-FT DIAMETER	H	4.86	---	P1152	1151	1153	729.99	729.89	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1153	510+05.00	22.0	LT	734.85	INLETS 4-FT DIAMETER	H	4.96	---	P1154	1153	1155	729.89	729.67	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1155	510+05.00	22.0	RT	734.85	INLETS 4-FT DIAMETER	H	5.18	---	P1156	1155	1157	729.67	729.58	0.50	18	23	IV	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1157	510+05.00	50.0	RT	734.85	MANHOLES 6-FT DIAMETER	H	6.02	---	P1158	1157	1167	728.83	728.35	0.32	149	155	HE-IV	24x38	---
WISCONN VALLEY WAY	1161	508+50.00	50.0	LT	734.07	INLETS 4-FT DIAMETER	H	4.56	---	P1162	1161	1163	729.51	729.41	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1163	508+50.00	22.0	LT	734.07	INLETS 4-FT DIAMETER	H	4.66	---	P1164	1163	1165	729.41	729.19	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1165	508+50.00	22.0	RT	734.07	INLETS 4-FT DIAMETER	H	4.88	---	P1166	1165	1167	729.19	729.10	0.50	18	23	IV	15	---
WISCONN VALLEY WAY	1167	508+50.00	50.0	RT	734.07	MANHOLES 6-FT DIAMETER	H	5.72	---	P1168	1167	1177	728.35	727.88	0.32	148	154	HE-IV	24x38	---
WISCONN VALLEY WAY	1171	507+00.00	50.0	LT	733.32	INLETS 4-FT DIAMETER	H	4.28	---	P1172	1171	1173	729.04	728.94	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1173	507+00.00	22.0	LT	733.32	INLETS 4-FT DIAMETER	H	4.38	---	P1174	1173	1175	728.94	728.72	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1175	507+00.00	22.0	RT	733.32	INLETS 4-FT DIAMETER	H	4.60	---	P1176	1175	1177	728.72	728.63	0.50	18	23	IV	15	---
WISCONN VALLEY WAY	1177	507+00.00	50.0	RT	733.32	MANHOLES 6-FT DIAMETER	H	5.86	---	P1178	1177	1187	727.46	727.01	0.32	140	146	HE-IV	29x45	---
WISCONN VALLEY WAY	1181	505+60.00	50.0	LT	732.62	INLETS 4-FT DIAMETER	H	4.03	---	P1182	1181	1183	728.59	728.49	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1183	505+60.00	22.0	LT	732.62	INLETS 4-FT DIAMETER	H	4.13	---	P1184	1183	1185	728.49	728.27	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1185	505+60.00	22.0	RT	732.62	INLETS 4-FT DIAMETER	H	4.35	---	P1186	1185	1187	728.27	728.18	0.50	18	23	IV	15	---
WISCONN VALLEY WAY	1187	505+60.00	50.0	RT	732.62	MANHOLES 6-FT DIAMETER	H	5.61	---	P1188	1187	1197	727.01	726.66	0.32	109	115	HE-IV	29x45	---
WISCONN VALLEY WAY	1191	504+50.00	50.0	LT	732.07	INLETS 4-FT DIAMETER	H	3.83	---	P1192	1191	1193	728.24	728.14	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1193	504+50.00	22.0	LT	732.07	INLETS 4-FT DIAMETER	H	3.93	---	P1194	1193	1195	728.14	727.92	0.50	44	48	IV	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1195	504+50.00	22.0	RT	732.07	INLETS 4-FT DIAMETER	H	4.15	---	P1196	1195	1197	727.92	727.83	0.50	18	23	IV	15	---
WISCONN VALLEY WAY	1197	504+50.00	50.0	RT	732.07	MANHOLES 6-FT DIAMETER	H	5.41	---	P1198	1197	1207	726.66	726.43	0.32	72	78	HE-IV	29x45	---
WISCONN VALLEY WAY	1201	503+75.00	50.0	LT	731.70	INLETS 4-FT DIAMETER	H	3.69	---	P1202	1201	1203	728.01	727.88	0.50	26	30	IV	15	---
WISCONN VALLEY WAY	1203	503+75.26	15.6	LT	731.57	INLETS 4-FT DIAMETER	H	3.69	---	P1204	1203	1205	727.88	727.69	0.50	38	42	IV	15	---
WISCONN VALLEY WAY	1205	503+75.00	22.0	RT	731.70	INLETS 4-FT DIAMETER	H	4.01	---	P1206	1205	1207	727.69	727.60	0.50	18	23	IV	15	---
WISCONN VALLEY WAY	1207	503+75.00	50.0	RT	731.70	MANHOLES 6-FT DIAMETER	H	5.27	---	P1208	1207	1217	726.43	726.20	0.32	72	78	HE-IV	29x45	---
WISCONN VALLEY WAY	1211	503+00.00	50.0	LT	731.33	INLETS 4-FT DIAMETER	H	3.55	---	P1212	1211	1213	727.78	727.62	0.50	32	36	IV	15	---
WISCONN VALLEY WAY	1213	503+00.00	10.0	LT	731.09	INLETS 4-FT DIAMETER	H	3.47	---	P1214	1213	1215	727.62	727.46	0.50	32	36	IV	15	---
WISCONN VALLEY WAY	1215	503+00.00	22.0	RT	731.37	INLETS 4-FT DIAMETER	H	3.91	---	P1216	1215	1217	727.46	727.37	0.50	17	23	IV	15	---
WISCONN VALLEY WAY	1217	503+00.00	50.0	RT	731.37	MANHOLES 7-FT DIAMETER	H	5.17	---	P1218	1217	1219	726.20	725.97	0.32	72	76	HE-IV	29x45	TO ENDWALL
WISCONN VALLEY WAY	1231	530+50.00	50.0	RT	741.12	INLETS 4-FT DIAMETER	H	7.63	---	P1232	1231	1239	733.49	732.86	0.50	127	131	III	24	---
WISCONN VALLEY WAY	1233	530+50.00	50.0	LT	741.12	INLETS 4-FT DIAMETER	H	6.11	---	P1234	1233	1235	735.01	734.31	0.50	139	143	III	15	---
WISCONN VALLEY WAY	1235	531+87.54	50.0	LT	740.42	INLETS 4-FT DIAMETER	H	6.11	---	P1236	1235	1237	734.31	734.09	0.50	45	48	III	15	---
WISCONN VALLEY WAY	1237	531+87.54	0.3	RT	740.13	INLETS 3-FT DIAMETER	BEEHIVE	6.04	---	P1238	1237	1239	734.09	733.87	0.50	43	47	III	15	---
WISCONN VALLEY WAY	1239	531+87.54	50.0	RT	740.42	MANHOLES 5-FT DIAMETER	H	7.56	---	P1240	1239	1241	732.86	732.35	0.50	103	108	III	24	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

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[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1241	533+00.00	50.0	RT	739.87	INLETS 4-FT DIAMETER	H	7.52	---	P1242	1241	1249	732.35	731.83	0.50	105	109	III	24	---
WISCONN VALLEY WAY	1243	533+00.00	50.0	LT	739.87	INLETS 4-FT DIAMETER	H	6.13	---	P1244	1243	1245	733.74	733.21	0.50	105	109	III	15	---
WISCONN VALLEY WAY	1245	534+09.14	50.0	LT	739.32	INLETS 4-FT DIAMETER	H	6.11	---	P1246	1245	1247	733.21	732.99	0.50	45	48	III	15	---
WISCONN VALLEY WAY	1247	534+09.14	0.0	RT	739.02	INLETS 3-FT DIAMETER	BEEHIVE	6.03	---	P1248	1247	1249	732.99	732.77	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1249	534+09.14	50.0	RT	739.32	MANHOLES 5-FT DIAMETER	H	7.49	---	P1250	1249	1251	731.83	731.30	0.50	107	111	III	24	---
WISCONN VALLEY WAY	1251	535+20.42	50.0	RT	738.76	INLETS 4-FT DIAMETER	H	7.46	---	P1252	1251	1261	731.30	730.77	0.50	107	111	III	24	---
WISCONN VALLEY WAY	1253	535+20.42	50.0	LT	738.76	INLETS 4-FT DIAMETER	H	6.12	---	P1254	1253	1257	732.64	732.10	0.50	107	111	III	15	---
WISCONN VALLEY WAY	1255	537+43.38	50.0	LT	737.65	INLETS 4-FT DIAMETER	H	5.01	---	P1256	1255	1257	732.64	732.10	0.50	108	112	IV	15	---
WISCONN VALLEY WAY	1257	536+31.70	50.0	LT	738.21	INLETS 4-FT DIAMETER	H	6.11	---	P1258	1257	1259	732.10	731.88	0.50	45	48	III	15	---
WISCONN VALLEY WAY	1259	536+31.70	0.0	RT	737.90	INLETS 3-FT DIAMETER	BEEHIVE	6.02	---	P1260	1259	1261	731.88	731.66	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1261	536+31.70	50.0	RT	738.21	MANHOLES 5-FT DIAMETER	H	7.44	---	P1262	1261	1263	730.77	730.33	0.50	89	94	III	24	---
WISCONN VALLEY WAY	1263	537+25.41	50.0	RT	737.74	INLETS 4-FT DIAMETER	H	7.92	---	P1264	1263	PE1265	729.82	729.73	1.00	9	11	III	24	---
---	---	---	---	---	---	---	---	--	---	PE1265	P1264	E1266	729.73	---	---	---	---	---	24	EXIST PIPE INTERPOL ELEV
WISCONN VALLEY WAY	1271	541+22.03	142.8	LT	730.94	POND OUTLET STRUCTURE	---	2.50	POND J OUTLET STORM SEWER STRUCTURE. SEE CONSTRUCTION DETAIL.	P1272	1271	1273	728.44	728.24	0.20	99	104	III	12	---
WISCONN VALLEY WAY	1273	540+79.38	50.0	LT	735.97	INLETS 4-FT DIAMETER	H	7.98	---	P1274	1273	1275	727.99	727.90	0.20	45	48	III	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH [1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE [A] %	PIPE LENGTH [B] (FT)	PLAN LENGTH [C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1275	540+79.38	0.0	RT	735.67	INLETS 3-FT DIAMETER	BEEHIVE	7.77	---	P1276	1275	1277	727.90	727.81	0.20	44	48	III	15	---
WISCONN VALLEY WAY	1277	540+79.38	50.0	RT	735.97	MANHOLES 5-FT DIAMETER	H	8.50	---	P1278	1277	1279	727.47	727.26	0.20	105	110	III	24	---
WISCONN VALLEY WAY	1279	539+69.69	50.0	RT	736.52	INLETS 4-FT DIAMETER	H	9.26	---	P1280	1279	1287	727.26	727.05	0.20	105	110	III	24	---
WISCONN VALLEY WAY	1281	539+69.69	50.0	LT	736.52	INLETS 4-FT DIAMETER	H	4.99	---	P1282	1281	1283	731.53	730.98	0.50	111	115	IV	15	---
WISCONN VALLEY WAY	1283	538+55.05	50.0	LT	737.09	INLETS 4-FT DIAMETER	H	6.11	---	P1284	1283	1285	730.98	730.76	0.50	45	48	III	15	---
WISCONN VALLEY WAY	1285	538+55.05	0.0	RT	736.79	INLETS 3-FT DIAMETER	BEEHIVE	6.03	---	P1286	1285	1287	730.76	730.54	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1287	538+60.00	50.0	RT	737.07	MANHOLES 5-FT DIAMETER	H	10.02	---	P1288	1287	PE1289	727.05	727.04	0.20	8	10	III	24	---
---	---	---	---	---	---	---	---	--	---	PE1289	P1288	E1290	727.04	---	---	---	---	---	24	EXIST PIPE INTERPOL ELEV
WISCONN VALLEY WAY	1301	541+75.00	50.0	LT	735.49	INLETS 4-FT DIAMETER	H	4.17	---	P1302	1301	1303	731.32	731.22	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1303	541+75.00	22.0	LT	735.49	INLETS 4-FT DIAMETER	H	4.27	---	P1304	1303	1305	731.22	731.00	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1305	541+75.00	22.0	RT	735.49	INLETS 4-FT DIAMETER	H	4.49	---	P1306	1305	1307	731.00	730.90	0.50	19	24	IV	15	---
WISCONN VALLEY WAY	1307	541+75.00	50.0	RT	735.49	MANHOLES 5-FT DIAMETER	H	4.59	---	P1308	1307	1311	730.90	730.45	0.50	89	94	IV	15	---
WISCONN VALLEY WAY	1309	542+75.00	22.0	RT	734.99	INLETS 4-FT DIAMETER	H	4.44	---	P1310	1309	1311	730.55	730.45	0.50	19	24	IV	15	---
WISCONN VALLEY WAY	1311	542+75.00	50.0	RT	734.99	MANHOLES 5-FT DIAMETER	H	4.54	---	P1312	1311	1317	730.45	730.12	0.50	66	71	IV	15	---
WISCONN VALLEY WAY	1313	544+25.00	22.0	RT	734.99	INLETS 4-FT DIAMETER	H	4.44	---	P1314	1313	1315	730.55	730.45	0.50	19	24	IV	15	---

[1] DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B] PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C] PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1315	544+25.00	50.0	RT	734.99	MANHOLES 5-FT DIAMETER	H	4.54	---	P1316	1315	1317	730.45	730.12	0.50	66	71	IV	15	---
WISCONN VALLEY WAY	1317	543+50.00	50.0	RT	734.77	MANHOLES 5-FT DIAMETER	H-S	4.90	---	P1318	1317	1319	729.87	729.78	0.50	19	24	IV	18	---
WISCONN VALLEY WAY	1319	543+50.00	22.0	RT	734.77	INLETS 4-FT DIAMETER	H-S	4.99	---	P1320	1319	1321	729.78	729.56	0.50	44	48	IV	18	---
WISCONN VALLEY WAY	1321	543+50.00	22.0	LT	734.77	INLETS 4-FT DIAMETER	H-S	5.21	---	P1322	1321	1331	729.56	729.46	0.50	20	24	IV	18	---
WISCONN VALLEY WAY	1323	542+75.00	22.0	LT	734.99	INLETS 4-FT DIAMETER	H	4.80	---	P1324	1323	1325	730.19	730.09	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1325	542+75.00	50.0	LT	734.99	INLETS 4-FT DIAMETER	H	4.90	---	P1326	1325	1331	730.09	729.71	0.50	75	79	IV	15	---
WISCONN VALLEY WAY	1327	544+25.00	22.0	LT	734.99	INLETS 4-FT DIAMETER	H	4.80	---	P1328	1327	1329	730.19	730.09	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1329	544+25.00	50.0	LT	734.99	INLETS 4-FT DIAMETER	H	4.90	---	P1330	1329	1331	730.09	729.71	0.50	75	79	IV	15	---
WISCONN VALLEY WAY	1331	543+50.00	50.0	LT	734.77	INLETS 4-FT DIAMETER	H-S	5.31	---	P1332	1331	1333	729.46	729.03	0.50	85	87	IV	18	TO ENDWALL
WISCONN VALLEY WAY	1341	561+50.05	59.7	LT	743.61	INLETS 4-FT DIAMETER	H	5.80	---	P1342	1341	1343	737.81	737.63	0.50	35	39	IV	15	---
WISCONN VALLEY WAY	1343	561+50.29	16.7	LT	743.31	INLETS 4-FT DIAMETER	H	5.68	---	P1344	1343	1345	737.63	737.44	0.50	39	43	IV	15	---
WISCONN VALLEY WAY	1345	561+50.00	22.0	RT	743.61	INLETS 4-FT DIAMETER	H	6.17	---	P1346	1345	1347	737.44	737.35	0.50	19	24	III	15	---
WISCONN VALLEY WAY	1347	561+50.00	50.0	RT	743.61	MANHOLES 5-FT DIAMETER	H	7.01	---	P1348	1347	1357	736.60	736.10	0.50	99	104	III	24	---
WISCONN VALLEY WAY	1351	560+48.52	68.4	LT	742.98	INLETS 4-FT DIAMETER	H	5.63	---	P1352	1351	1353	737.35	737.04	0.50	62	66	IV	15	---
WISCONN VALLEY WAY	1353	560+48.24	2.0	RT	742.39	INLETS 4-FT DIAMETER	H	5.35	---	P1354	1353	1355	737.04	736.94	0.50	20	24	IV	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1355	560+50.00	22.0	RT	743.11	INLETS 4-FT DIAMETER	H	6.17	---	P1356	1355	1357	736.94	736.85	0.50	19	24	III	15	---
WISCONN VALLEY WAY	1357	560+50.00	50.0	RT	743.11	MANHOLES 5-FT DIAMETER	H	7.01	---	P1358	1357	1369	736.10	735.60	0.50	100	105	III	24	---
WISCONN VALLEY WAY	1361	559+45.00	74.0	LT	742.35	INLETS 4-FT DIAMETER	H	5.49	---	P1362	1361	1363	736.86	736.70	0.50	32	36	IV	15	---
WISCONN VALLEY WAY	1363	559+45.00	34.0	LT	742.59	INLETS 4-FT DIAMETER	H	5.89	---	P1364	1363	1365	736.70	736.54	0.50	32	36	IV	15	---
WISCONN VALLEY WAY	1365	559+45.00	2.0	RT	741.87	INLETS 4-FT DIAMETER	H	5.33	---	P1366	1365	1367	736.54	736.44	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1367	559+45.00	22.0	RT	742.59	INLETS 4-FT DIAMETER	H	6.15	---	P1368	1367	1369	736.44	736.35	0.50	19	24	III	15	---
WISCONN VALLEY WAY	1369	559+45.00	50.0	RT	742.59	MANHOLES 5-FT DIAMETER	H	6.99	---	P1370	1369	1393	735.60	735.04	0.50	111	116	III	24	---
WISCONN VALLEY WAY	1371	558+00.58	85.9	LT	741.59	INLETS 4-FT DIAMETER	H-S	5.15	---	P1371A	1371	1372	736.44	736.31	0.50	26	30	IV	15	---
WISCONN VALLEY WAY	1372	558+29.43	78.6	LT	741.79	INLETS 4-FT DIAMETER	H	5.48	---	P1372A	1372	1375	736.31	736.13	0.50	36	40	IV	15	---
WISCONN VALLEY WAY	1373	558+50.00	34.0	LT	742.14	INLETS 4-FT DIAMETER	H	5.93	---	P1374	1373	1375	736.21	736.13	0.50	16	21	IV	15	---
WISCONN VALLEY WAY	1375	558+29.05	34.0	LT	742.12	MANHOLES 5-FT DIAMETER	H-S	5.99	---	P1376	1375	1379	736.13	736.09	0.50	8	13	IV	15	---
WISCONN VALLEY WAY	1377	558+50.00	26.0	LT	741.90	INLETS 4-FT DIAMETER	H	5.73	---	P1378	1377	1379	736.17	736.09	0.50	17	21	IV	15	---
WISCONN VALLEY WAY	1379	558+29.05	26.0	LT	741.88	INLETS 4-FT DIAMETER	H-S	5.79	---	P1380	1379	1383	736.09	735.99	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1381	558+50.00	2.0	RT	741.42	INLETS 4-FT DIAMETER	H	5.35	---	P1382	1381	1383	736.07	735.99	0.50	17	21	IV	15	---
WISCONN VALLEY WAY	1383	558+29.05	2.0	RT	741.40	INLETS 4-FT DIAMETER	H-S	5.41	---	P1384	1383	1387	735.99	735.89	0.50	20	24	IV	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1385	558+50.00	22.0	RT	742.23	INLETS 4-FT DIAMETER	H-S	6.26	---	P1386	1385	1387	735.97	735.89	0.50	17	21	III	15	---
WISCONN VALLEY WAY	1387	558+29.05	22.0	RT	742.27	INLETS 4-FT DIAMETER	H	6.38	---	P1388	1387	1393	735.89	735.79	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1389	558+50.00	58.6	RT	742.06	INLETS 4-FT DIAMETER	H	6.14	---	P1390	1389	1391	735.92	735.83	0.50	17	21	III	15	---
WISCONN VALLEY WAY	1391	558+29.05	61.5	RT	742.04	INLETS 4-FT DIAMETER	H-S	6.21	---	P1392	1391	1393	735.83	735.79	0.50	7	12	III	15	---
WISCONN VALLEY WAY	1393	558+28.77	48.0	RT	742.35	MANHOLES 5-FT DIAMETER	J-SPECIAL	7.31	---	P1394	1393	P1400	735.04	734.67	0.50	74	76	III	24	---
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BRAUN ROAD	1401	70BRE+25.95	86.8	LT	743.92	INLETS 2x3-FT	H	5.16	---	P1402	1401	1403	738.76	738.58	0.51	35	38	III	15	---
BRAUN ROAD	1403	70BRE+28.50	46.0	LT	743.79	INLETS 2x3-FT	H	5.21	---	P1404	1403	1405	738.58	738.54	0.50	8	11	III	15	---
BRAUN ROAD	1405	70BRE+28.42	38.0	LT	743.91	INLETS 2x3-FT	H	5.37	---	P1406	1405	1407	738.54	738.41	0.57	23	27	III	15	---
BRAUN ROAD	1407	70BRE+41.61	10.0	LT	743.97	MANHOLES 5-FT DIAMETER	H	5.56	---	P1490	1407	1491	738.41	738.36	0.62	8	12	III	15	---
BRAUN ROAD	1409	70BRE+59.96	55.8	RT	744.15	MANHOLES 4-FT DIAMETER	H	6.06	---	P1410	1409	1494	738.09	737.80	0.50	58	62	III	15	---
BRAUN ROAD	1411	70BRE+00.09	93.6	RT	742.76	MANHOLES 7-FT DIAMETER	H	742.76	---	P1550	1411	1567	731.79	731.57	0.25	90	97	HE-III	34x53	---
BRAUN ROAD	1413	68BRE+21.70	65.9	RT	741.54	MANHOLES 6-FT DIAMETER	H	8.81	---	P1412	1413	1411	732.73	732.04	0.41	170	177	III	24	---
BRAUN ROAD	1415	68BRE+21.06	39.7	RT	742.10	INLETS 2x3-FT	H	4.63	---	P1414	1415	1413	737.47	737.35	0.60	20	24	III	15	---
BRAUN ROAD	1417	67BRE+19.55	50.0	RT	741.13	MANHOLES 6-FT DIAMETER	H	8.01	---	P1416	1417	1413	733.12	732.73	0.40	98	104	III	24	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
BRAUN ROAD	1419	67BRE+19.93	2.0	LT	742.13	INLETS 2x3-FT	H	5.50	---	P1418	1419	1417	736.63	736.40	0.52	44	48	III	15	---
BRAUN ROAD	1421	67BRE+20.14	22.0	LT	742.13	INLETS 2x3-FT	H	5.40	---	P1420	1421	1419	736.73	736.63	0.50	20	22	III	15	---
BRAUN ROAD	1423	67BRE+19.94	38.0	LT	741.87	INLETS 2x3-FT	H	5.08	---	P1422	1423	1421	736.79	736.73	0.50	12	14	III	15	---
BRAUN ROAD	1425	66BRE+01.79	50.0	RT	740.48	MANHOLES 6-FT DIAMETER	H	6.91	---	P1424	1425	1417	733.57	733.12	0.40	112	118	III	24	---
BRAUN ROAD	1427	66BRE+01.71	27.1	LT	740.94	INLETS 2x3-FT	H	4.83	---	P1426	1427	1425	736.11	735.77	0.49	69	73	III	15	---
BRAUN ROAD	1429	66BRE+01.69	46.0	LT	741.44	INLETS 2x3-FT	H	5.23	---	P1428	1429	1427	736.21	736.11	0.53	19	21	III	15	---
BRAUN ROAD	1431	66BRE+01.69	86.0	LT	740.71	INLETS 2x3-FT	H	4.32	---	P1430	1431	1429	736.39	736.21	0.50	36	38	III	15	---
BRAUN ROAD	1433	64BRE+20.01	38.0	RT	739.78	MANHOLES 5-FT DIAMETER	H	5.37	---	P1432	1433	1425	734.41	733.57	0.47	177	182	III	24	---
BRAUN ROAD	1435	64BRE+00.00	38.0	RT	739.75	MANHOLES 6-FT DIAMETER	H-S	5.27	---	P1434	1435	1433	734.48	734.41	0.47	15	20	III	24	---
BRAUN ROAD	1437	64BRE+25.00	2.0	LT	740.58	INLETS 2x3-FT	H-S	5.17	---	P1438	1437	1439	735.41	735.31	0.40	25	29	III	15	---
BRAUN ROAD	1439	63BRE+96.11	2.0	LT	740.47	MANHOLES 5-FT DIAMETER	H	5.16	---	P1436	1439	1435	735.31	735.15	0.55	29	35	III	15	---
BRAUN ROAD	1441	63BRE+74.99	46.0	LT	740.34	MANHOLES 5-FT DIAMETER	H-S	4.83	---	P1440	1441	1439	735.51	735.31	0.42	48	53	III	15	---
BRAUN ROAD	1443	63BRE+54.98	46.0	LT	740.37	INLETS 2x3-FT	H	4.78	---	P1442	1443	1441	735.59	735.51	0.50	16	20	III	15	---
BRAUN ROAD	1445	63BRE+75.00	86.0	LT	739.61	MANHOLES 5-FT DIAMETER	H-S	3.93	---	P1444	1445	1441	735.68	735.51	0.57	30	35	IV	15	---
BRAUN ROAD	1447	63BRE+94.99	86.0	LT	739.64	INLETS 2x3-FT	H	3.88	---	P1446	1447	1445	735.76	735.68	0.50	16	20	IV	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
BRAUN ROAD	1449	63BRE+54.99	86.0	LT	739.65	INLETS 2x3-FT	H	3.89	---	P1448	1449	1445	735.76	735.68	0.50	16	20	IV	15	---
BRAUN ROAD	1451	63BRE+79.99	38.0	RT	739.77	MANHOLES 5-FT DIAMETER	H	5.22	---	P1450	1451	1435	734.55	734.48	0.47	15	20	III	24	---
BRAUN ROAD	1453	61BRE+99.45	38.0	RT	741.47	MANHOLES 5-FT DIAMETER	H	6.19	---	P1452	1453	1451	735.28	734.55	0.42	175	180	III	24	---
BRAUN ROAD	1455	61BRE+99.74	2.0	LT	742.18	INLETS 2x3-FT	H	5.50	---	P1454	1455	1453	736.68	736.50	0.55	33	37	III	15	---
BRAUN ROAD	1457	61BRE+99.73	46.0	LT	741.69	INLETS 2x3-FT	H	4.79	---	P1456	1457	1455	736.90	736.68	0.50	44	46	III	15	---
BRAUN ROAD	1459	61BRE+99.74	86.0	LT	740.97	INLETS 2x3-FT	H	3.89	---	P1458	1459	1457	737.08	736.90	0.50	36	38	III	15	---
BRAUN ROAD	1461	59BRE+99.62	38.0	RT	744.20	MANHOLES 5-FT DIAMETER	H	6.33	---	P1460	1461	1453	737.87	735.28	1.33	195	200	III	24	---
BRAUN ROAD	1463	59BRE+99.75	2.0	LT	744.92	INLETS 2x3-FT	H	5.60	---	P1462	1463	1461	739.32	739.15	0.52	33	37	III	15	---
BRAUN ROAD	1465	59BRE+99.75	46.0	LT	744.42	INLETS 2x3-FT	H	4.88	---	P1464	1465	1463	739.54	739.32	0.50	44	46	III	15	---
BRAUN ROAD	1467	59BRE+99.80	86.0	LT	743.70	INLETS 2x3-FT	H	3.98	---	P1466	1467	1465	739.72	739.54	0.50	36	38	III	15	---
BRAUN ROAD	1469	58BRE+01.61	38.0	RT	746.90	MANHOLES 5-FT DIAMETER	H	5.96	---	P1468	1469	1461	740.94	738.37	1.33	193	198	III	18	---
BRAUN ROAD	1471	58BRE+01.62	2.0	LT	747.62	INLETS 2x3-FT	H	5.54	---	P1470	1471	1469	742.08	741.90	0.55	33	37	III	15	---
BRAUN ROAD	1473	58BRE+01.69	38.5	LT	746.98	INLETS 2x3-FT	H	4.72	---	P1472	1473	1471	742.26	742.08	0.50	36	38	III	15	---
BRAUN ROAD	1475	58BRE+01.65	98.0	LT	746.16	INLETS 2x3-FT	H	3.62	---	P1474	1475	1473	742.54	742.26	0.50	56	58	IV	15	---
BRAUN ROAD	1477	55BRE+33.62	38.0	RT	750.36	MANHOLES 4-FT DIAMETER	H	5.91	---	P1476	1477	1469	744.45	740.94	1.33	264	268	III	18	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
BRAUN ROAD	1479	55BRE+33.56	2.0	LT	750.14	INLETS 2x3-FT	H	4.76	---	P1478	1479	1477	745.38	745.21	0.50	34	37	III	15	---
BRAUN ROAD	1481	55BRE+33.51	10.0	LT	749.99	INLETS 2x3-FT	H	4.57	---	P1480	1481	1479	745.42	745.38	0.50	8	10	III	15	---
BRAUN ROAD	1483	55BRE+33.58	26.0	LT	750.74	INLETS 2x3-FT	H	5.26	---	P1482	1483	1481	745.48	745.42	0.50	12	14	III	15	---
BRAUN ROAD	1485	55BRE+33.54	46.0	LT	750.71	INLETS 2x3-FT	H	5.13	---	P1484	1485	1483	745.58	745.48	0.50	20	22	III	15	---
BRAUN ROAD	1487	55BRE+33.56	98.0	LT	749.71	INLETS 2x3-FT	H	3.89	---	P1486	1487	1485	745.82	745.58	0.50	48	50	III	15	---
BRAUN ROAD	1489	70BRE+40.92	119.7	LT	743.04	MANHOLES 4-FT DIAMETER	H	4.12	---	P1488	1489	1401	738.92	738.76	0.50	32	36	III	15	---
BRAUN ROAD	1491	70BRE+41.77	2.0	LT	743.87	MANHOLES 4-FT DIAMETER	H	5.51	---	P1408	1491	1409	738.36	738.09	0.51	53	57	III	15	---
BRAUN ROAD	1493	68BRE+85.01	144.6	LT	742.21	MANHOLES 4-FT DIAMETER	H	4.71	---	P1492	1493	1375	737.50	737.27	0.49	47	49	III	15	---
BRAUN ROAD	1494	70BRE+08.49	92.7	RT	742.88	MANHOLES 4-FT DIAMETER	H	5.08	---	P1495	1494	1411	737.80	737.73	0.87	8	14	III	15	---
WISCONN VALLEY WAY	1551	554+49.72	70.4	LT	740.98	INLETS 4-FT DIAMETER	H	6.11	---	P1552	1551	1553	734.87	734.73	0.50	28	32	III	15	---
WISCONN VALLEY WAY	1553	554+50.00	34.0	LT	741.25	INLETS 4-FT DIAMETER	H	6.52	---	P1554	1553	1555	734.73	734.60	0.50	25	29	III	15	---
WISCONN VALLEY WAY	1555	554+49.75	8.6	LT	741.09	INLETS 4-FT DIAMETER	H	6.49	---	P1556	1555	1557	734.60	734.56	0.50	8	12	III	15	---
WISCONN VALLEY WAY	1557	554+50.25	7.4	RT	741.28	INLETS 4-FT DIAMETER	HM	6.72	---	P1558	1557	1561	734.56	734.49	0.50	15	19	III	15	---
WISCONN VALLEY WAY	1559	554+09.24	12.6	RT	740.92	INLETS 4-FT DIAMETER	HM	6.20	---	P1559A	1559	1560	734.72	734.68	0.50	9	13	III	15	---
WISCONN VALLEY WAY	1560	554+08.99	22.0	RT	741.17	INLETS 4-FT DIAMETER	HM	6.49	---	P1560A	1560	1561	734.68	734.49	0.50	37	41	III	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1561	554+50.00	22.0	RT	741.58	INLETS 4-FT DIAMETER	HM	7.09	---	P1562	1561	1567	734.49	734.40	0.50	19	24	III	15	---
WISCONN VALLEY WAY	1563	554+59.90	74.9	RT	741.74	INLETS 4-FT DIAMETER	H	7.22	---	P1564	1563	1565	734.52	734.49	0.50	6	10	III	15	---
WISCONN VALLEY WAY	1565	554+49.92	74.4	RT	741.59	INLETS 4-FT DIAMETER	H	7.10	---	P1566	1565	1567	734.49	734.40	0.50	19	24	III	15	---
WISCONN VALLEY WAY	1567	554+50.00	48.0	RT	741.79	MANHOLES 7-FT DIAMETER	J-SPECIAL	10.22	---	P1568	1567	1579	731.57	731.33	0.25	97	104	HE-III	34x53	---
WISCONN VALLEY WAY	1569	553+49.96	61.1	LT	740.25	INLETS 4-FT DIAMETER	H	6.11	---	P1570	1569	1571	734.14	734.04	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1571	553+50.04	33.1	LT	740.25	INLETS 4-FT DIAMETER	H	6.21	---	P1572	1571	1573	734.04	733.84	0.50	40	44	III	15	---
WISCONN VALLEY WAY	1573	553+49.60	6.5	RT	740.27	INLETS 4-FT DIAMETER	H	6.43	---	P1574	1573	1579	733.84	733.67	0.50	34	40	III	15	---
WISCONN VALLEY WAY	1575	553+59.17	74.0	RT	740.19	INLETS 4-FT DIAMETER	H	6.40	---	P1576	1575	1577	733.79	733.76	0.50	6	10	III	15	---
WISCONN VALLEY WAY	1577	553+50.00	74.0	RT	740.10	INLETS 4-FT DIAMETER	H	6.34	---	P1578	1577	1579	733.76	733.67	0.50	18	24	III	15	---
WISCONN VALLEY WAY	1579	553+50.00	48.0	RT	740.66	MANHOLES 7-FT DIAMETER	J-SPECIAL	9.33	---	P1580	1579	1593	731.33	731.08	0.25	99	106	HE-III	34x53	---
WISCONN VALLEY WAY	1583	552+49.96	59.4	LT	739.27	INLETS 4-FT DIAMETER	H	6.11	---	P1584	1583	1585	733.16	733.06	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1585	552+50.04	31.4	LT	739.27	INLETS 4-FT DIAMETER	H	6.21	---	P1586	1585	1587	733.06	732.80	0.50	53	57	III	15	---
WISCONN VALLEY WAY	1587	552+49.92	21.6	RT	739.57	INLETS 4-FT DIAMETER	H	6.77	---	P1588	1587	1593	732.80	732.71	0.50	19	24	III	15	---
WISCONN VALLEY WAY	1589	552+58.58	72.6	RT	739.22	INLETS 4-FT DIAMETER	H	6.41	---	P1590	1589	1591	732.81	732.78	0.50	6	10	III	15	---
WISCONN VALLEY WAY	1591	552+49.61	70.4	RT	739.17	INLETS 4-FT DIAMETER	H	6.39	---	P1592	1591	1593	732.78	732.71	0.50	15	20	III	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

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[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1593	552+50.00	48.0	RT	739.66	MANHOLES 7-FT DIAMETER	J-SPECIAL	8.58	---	P1594	1593	1605	731.08	730.70	0.25	151	158	HE-IV	34x53	---
WISCONN VALLEY WAY	1595	551+10.69	56.8	LT	738.42	INLETS 4-FT DIAMETER	H	5.67	---	P1596	1595	1597	732.75	732.72	0.50	6	10	IV	15	---
WISCONN VALLEY WAY	1597	550+99.95	56.6	LT	738.36	INLETS 4-FT DIAMETER	H	5.64	---	P1598	1597	1599	732.72	732.62	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1599	551+00.04	28.6	LT	738.36	INLETS 4-FT DIAMETER	H	5.74	---	P1600	1599	1601	732.62	732.37	0.50	51	55	IV	15	---
WISCONN VALLEY WAY	1601	551+00.00	22.0	RT	738.36	INLETS 4-FT DIAMETER	H	5.99	---	P1602	1601	1605	732.37	732.28	0.50	17	23	IV	15	---
WISCONN VALLEY WAY	1603	551+09.31	50.8	RT	738.40	INLETS 4-FT DIAMETER	H	3.24	---	P1604	1603	1605	735.16	735.14	0.50	5	10	IV	15	---
WISCONN VALLEY WAY	1605	551+00.00	50.4	RT	738.36	MANHOLES 7-FT DIAMETER	H	7.66	---	P1606	1605	1615	730.70	730.32	0.25	151	158	HE-IV	34x53	---
WISCONN VALLEY WAY	1607	549+60.65	53.8	LT	737.67	INLETS 4-FT DIAMETER	H	5.31	---	P1608	1607	1609	732.36	732.33	0.50	6	10	IV	15	---
WISCONN VALLEY WAY	1609	549+49.95	53.5	LT	737.61	INLETS 4-FT DIAMETER	H	5.28	---	P1610	1609	1611	732.33	732.23	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1611	549+50.04	25.5	LT	737.61	INLETS 4-FT DIAMETER	H	5.38	---	P1612	1611	1613	732.23	731.99	0.50	48	52	IV	15	---
WISCONN VALLEY WAY	1613	549+50.00	22.0	RT	737.61	INLETS 4-FT DIAMETER	H	5.62	---	P1614	1613	1615	731.99	731.90	0.50	17	23	IV	15	---
WISCONN VALLEY WAY	1615	549+50.00	50.0	RT	737.61	MANHOLES 7-FT DIAMETER	H	7.29	---	P1616	1615	1625	730.32	729.94	0.25	151	158	HE-IV	34x53	---
WISCONN VALLEY WAY	1617	548+10.61	50.6	LT	736.92	INLETS 4-FT DIAMETER	H	4.96	---	P1618	1617	1619	731.96	731.93	0.50	6	10	IV	15	---
WISCONN VALLEY WAY	1619	547+99.95	50.4	LT	736.86	INLETS 4-FT DIAMETER	H	4.93	---	P1620	1619	1621	731.93	731.83	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1621	548+00.05	22.4	LT	736.86	INLETS 4-FT DIAMETER	H	5.03	---	P1622	1621	1623	731.83	731.61	0.50	44	48	IV	15	---

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[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH [1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE [A] %	PIPE LENGTH [B] (FT)	PLAN LENGTH [C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1623	548+00.00	22.0	RT	736.86	INLETS 4-FT DIAMETER	H	5.25	---	P1624	1623	1625	731.61	731.52	0.50	17	23	IV	15	---
WISCONN VALLEY WAY	1625	548+00.00	50.0	RT	736.86	MANHOLES 7-FT DIAMETER	H	6.92	---	P1626	1625	1635	729.94	729.60	0.25	136	143	HE-IV	34x53	---
WISCONN VALLEY WAY	1627	546+59.43	50.0	LT	736.16	INLETS 4-FT DIAMETER	H	4.55	---	P1628	1627	1629	731.61	731.58	0.50	6	10	IV	15	---
WISCONN VALLEY WAY	1629	546+50.00	50.0	LT	736.12	INLETS 4-FT DIAMETER	H	4.54	---	P1630	1629	1631	731.58	731.48	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1631	546+50.00	22.0	LT	736.12	INLETS 4-FT DIAMETER	H	4.64	---	P1632	1631	1633	731.48	731.26	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1633	546+50.00	22.0	RT	736.12	INLETS 4-FT DIAMETER	H	4.86	---	P1634	1633	1635	731.26	731.18	0.50	17	23	IV	15	---
WISCONN VALLEY WAY	1635	546+50.00	50.0	RT	736.12	MANHOLES 7-FT DIAMETER	H	6.52	---	P1636	1635	1637	729.60	729.32	0.25	110	118	HE-IV	34x53	---
WISCONN VALLEY WAY	1637	545+25.00	50.0	RT	735.49	MANHOLES 8-FT DIAMETER	H	6.17	---	P1638	1637	1645	729.32	729.10	0.25	87	95	HE-IV	34x53	---
WISCONN VALLEY WAY	1639	545+30.00	22.0	RT	735.51	INLETS 4-FT DIAMETER	H	4.40	---	P1640	1639	1641	731.11	730.89	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1641	545+30.00	22.0	LT	735.51	INLETS 4-FT DIAMETER	H	4.62	---	P1642	1641	1643	730.89	730.79	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1643	545+30.00	50.0	LT	735.51	INLETS 4-FT DIAMETER	H	4.72	---	P1644	1643	1645	730.79	730.68	0.50	23	29	IV	15	---
WISCONN VALLEY WAY	1645	545+02.73	50.0	LT	735.37	MANHOLES 8-FT DIAMETER	H	6.27	---	P1646	1645	1647	729.10	728.89	0.25	86	90	HE-IV	34x53	TO ENDWALL
WISCONN VALLEY WAY	1651	564+25.00	50.0	RT	743.53	INLETS 4-FT DIAMETER	H	7.39	---	P1652	1651	1659	736.14	735.54	0.50	120	124	III	24	---
WISCONN VALLEY WAY	1653	564+25.06	52.9	LT	743.53	INLETS 4-FT DIAMETER	H	6.16	---	P1654	1653	1655	737.37	736.81	0.50	112	116	III	15	---
WISCONN VALLEY WAY	1655	565+45.46	50.0	LT	742.92	INLETS 4-FT DIAMETER	H	6.11	---	P1656	1655	1657	736.81	736.59	0.50	45	48	III	15	---

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STORM SEWER STRUCTURES										STORM SEWER PIPES									
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1657	565+45.23	0.0	RT	742.62	INLETS 3-FT DIAMETER	BEEHIVE	6.03	---	P1658	1657	1659	736.59	736.37	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1659	565+45.00	50.0	RT	742.93	MANHOLES 5-FT DIAMETER	H	7.39	---	P1660	1659	1661	735.54	735.04	0.50	101	105	III	24	---
WISCONN VALLEY WAY	1661	566+50.00	50.0	RT	742.40	INLETS 4-FT DIAMETER	H	7.36	---	P1662	1661	1669	735.04	734.54	0.50	101	105	III	24	---
WISCONN VALLEY WAY	1663	566+50.00	50.0	LT	742.40	INLETS 4-FT DIAMETER	H	6.12	---	P1664	1663	1665	736.28	735.77	0.50	101	105	III	15	---
WISCONN VALLEY WAY	1665	567+55.15	50.0	LT	741.88	INLETS 4-FT DIAMETER	H	6.11	---	P1666	1665	1667	735.77	735.55	0.50	45	48	III	15	---
WISCONN VALLEY WAY	1667	567+55.15	0.0	RT	741.57	INLETS 3-FT DIAMETER	BEEHIVE	6.02	---	P1668	1667	1669	735.55	735.33	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1669	567+55.15	50.0	RT	741.88	MANHOLES 5-FT DIAMETER	H	7.34	---	P1670	1669	1671	734.54	734.04	0.50	100	105	III	24	---
WISCONN VALLEY WAY	1671	568+59.92	50.0	RT	741.35	INLETS 4-FT DIAMETER	H	7.31	---	P1672	1671	1681	734.04	733.54	0.50	100	105	III	24	---
WISCONN VALLEY WAY	1673	568+59.92	50.0	LT	741.35	INLETS 4-FT DIAMETER	H	6.11	---	P1674	1673	1677	735.24	734.73	0.50	101	105	III	15	---
WISCONN VALLEY WAY	1675	570+71.14	50.0	LT	740.30	INLETS 4-FT DIAMETER	H	5.06	---	P1676	1675	1677	735.24	734.73	0.50	102	106	IV	15	---
WISCONN VALLEY WAY	1677	569+64.69	50.0	LT	740.83	INLETS 4-FT DIAMETER	H	6.10	---	P1678	1677	1679	734.73	734.51	0.50	45	48	III	15	---
WISCONN VALLEY WAY	1679	569+64.69	0.0	RT	740.52	INLETS 3-FT DIAMETER	BEEHIVE	6.01	---	P1680	1679	1681	734.51	734.29	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1681	569+64.69	50.0	RT	740.83	MANHOLES 5-FT DIAMETER	H	7.29	---	P1682	1681	1683	733.54	733.26	0.50	55	60	III	24	---
WISCONN VALLEY WAY	1683	570+25.00	50.0	RT	740.53	MANHOLES 5-FT DIAMETER	H	7.27	---	P1684	1683	1685	733.26	732.99	0.50	54	57	III	24	TO ENDWALL
WISCONN VALLEY WAY	1691	572+57.18	50.0	LT	739.52	INLETS 4-FT DIAMETER	H-S	6.11	---	P1692	1691	1693	733.41	733.31	0.50	20	24	III	15	---

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STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1693	572+57.18	19.0	LT	739.52	INLETS 4-FT DIAMETER	H-S	6.21	---	P1694	1693	1695	733.31	733.09	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1695	572+57.18	22.0	RT	739.52	INLETS 4-FT DIAMETER	H-S	6.43	---	P1696	1695	1697	733.09	732.99	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1697	572+57.18	50.0	RT	739.52	INLETS 4-FT DIAMETER	H-S	6.53	---	P1698	1697	1705	732.99	732.62	0.50	75	79	III	15	---
WISCONN VALLEY WAY	1701	571+74.97	50.0	LT	739.78	INLETS 4-FT DIAMETER	H	6.11	---	P1702	1701	1703	733.67	733.45	0.50	45	48	III	15	---
WISCONN VALLEY WAY	1703	571+74.97	0.3	RT	739.48	INLETS 3-FT DIAMETER	BEEHIVE	6.03	---	P1704	1703	1705	733.45	733.23	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1705	571+74.97	50.0	RT	739.78	INLETS 4-FT DIAMETER	H	7.16	---	P1706	1705	1707	732.62	732.45	0.50	34	38	III	15	---
WISCONN VALLEY WAY	1707	571+35.00	50.0	RT	739.98	INLETS 4-FT DIAMETER	H	7.56	---	P1708	1707	1709	732.42	732.04	0.50	75	77	III	15	TO ENDWALL
WISCONN VALLEY WAY	1711	573+74.17	170.6	LT	735.45	POND OUTLET STRUCTURE	---	4.00	POND K OUTLET STORM SEWER STRUCTURE. SEE CONSTRUCTION DETAIL.	P1712	1711	1713	731.45	731.02	0.20	215	218	III	30	TO ENDWALL
WISCONN VALLEY WAY	1715	573+25.00	50.0	RT	739.70	INLETS 4-FT DIAMETER	H	5.11	---	P1716	1715	1717	734.59	734.49	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1717	573+25.00	22.0	RT	739.70	INLETS 4-FT DIAMETER	H	5.21	---	P1718	1717	1719	734.49	734.27	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1719	573+25.00	22.0	LT	739.70	INLETS 4-FT DIAMETER	H	5.43	---	P1720	1719	1721	734.27	734.17	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1721	573+25.00	50.0	LT	739.70	INLETS 4-FT DIAMETER	H	5.53	---	P1722	1721	1729	734.17	733.67	0.50	100	104	IV	15	---
WISCONN VALLEY WAY	1723	574+25.00	50.0	RT	740.20	INLETS 4-FT DIAMETER	H	6.11	---	P1724	1723	1725	734.09	733.99	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1725	574+25.00	22.0	RT	740.20	INLETS 4-FT DIAMETER	H	6.21	---	P1726	1725	1727	733.99	733.77	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1727	574+25.00	22.0	LT	740.20	INLETS 4-FT DIAMETER	H	6.43	---	P1728	1727	1729	733.77	733.67	0.50	20	24	III	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1729	574+25.00	50.0	LT	740.20	INLETS 4-FT DIAMETER	H	6.53	---	P1730	1729	1745	733.67	733.04	0.50	126	130	III	15	---
WISCONN VALLEY WAY	1731	575+50.00	50.0	RT	740.83	INLETS 4-FT DIAMETER	H	6.12	---	P1732	1731	1733	734.71	734.61	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1733	575+50.00	22.0	RT	740.83	INLETS 4-FT DIAMETER	H	6.22	---	P1734	1733	1735	734.61	734.39	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1735	575+50.00	22.0	LT	740.83	INLETS 4-FT DIAMETER	H	6.44	---	P1736	1735	1745	734.39	734.29	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1737	577+00.00	50.0	RT	741.58	INLETS 4-FT DIAMETER	H	6.11	---	P1738	1737	1739	735.47	735.37	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1739	577+00.00	22.0	RT	741.58	INLETS 4-FT DIAMETER	H	6.21	---	P1740	1739	1741	735.37	735.15	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1741	577+00.00	22.0	LT	741.58	INLETS 4-FT DIAMETER	H	6.43	---	P1742	1741	1743	735.15	735.05	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1743	577+00.00	50.0	LT	741.58	INLETS 4-FT DIAMETER	H	6.53	---	P1744	1743	1745	735.05	734.29	0.50	152	156	III	15	---
WISCONN VALLEY WAY	1745	575+50.00	50.0	LT	740.83	INLETS 4-FT DIAMETER	H	7.79	---	P1746	1745	1747	733.04	732.58	0.50	93	95	III	15	TO ENDWALL
WISCONN VALLEY WAY	1801	605+25.00	60.1	LT	755.23	INLETS 4-FT DIAMETER	H	6.17	---	P1802	1801	1803	749.06	748.91	0.50	30	34	III	15	---
WISCONN VALLEY WAY	1803	605+25.00	22.0	LT	755.06	INLETS 4-FT DIAMETER	H	6.15	---	P1804	1803	1805	748.91	748.75	0.50	32	36	III	15	---
WISCONN VALLEY WAY	1805	605+25.00	10.0	RT	754.88	INLETS 4-FT DIAMETER	H	6.13	---	P1806	1805	1807	748.75	748.62	0.50	25	29	III	15	---
WISCONN VALLEY WAY	1807	605+38.62	39.8	RT	754.96	INLETS 4-FT DIAMETER	---	6.34	COVER PLATE LEFT IN PLACE	P1808	1807	1809	748.62	748.60	0.50	4	8	III	15	---
WISCONN VALLEY WAY	1809	605+38.62	44.0	RT	754.94	INLETS 4-FT DIAMETER	---	6.34	COVER PLATE LEFT IN PLACE	P1810	1809	1811	748.60	748.54	0.50	13	17	III	15	---
WISCONN VALLEY WAY	1811	605+25.00	60.0	RT	754.65	MANHOLES 5-FT DIAMETER	H	7.02	---	P1812	1811	1827	747.63	746.17	1.00	146	151	III	24	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1821	603+75.00	50.0	LT	753.56	INLETS 4-FT DIAMETER	H	6.23	---	P1822	1821	1823	747.33	747.23	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1823	603+75.00	22.0	LT	753.56	INLETS 4-FT DIAMETER	H	6.33	---	P1824	1823	1825	747.23	747.07	0.50	32	36	III	15	---
WISCONN VALLEY WAY	1825	603+75.00	10.0	RT	753.08	INLETS 4-FT DIAMETER	H	6.01	---	P1826	1825	1827	747.07	746.91	0.50	31	36	III	15	---
WISCONN VALLEY WAY	1827	603+75.00	50.0	RT	753.32	MANHOLES 5-FT DIAMETER	H	7.15	---	P1828	1827	1837	746.17	744.72	1.00	145	150	III	24	---
WISCONN VALLEY WAY	1831	602+25.00	50.0	LT	752.06	INLETS 4-FT DIAMETER	H	6.11	---	P1832	1831	1833	745.95	745.85	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1833	602+25.00	22.0	LT	752.06	INLETS 4-FT DIAMETER	H	6.21	---	P1834	1833	1835	745.85	745.63	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1835	602+25.00	22.0	RT	751.82	INLETS 4-FT DIAMETER	H	6.19	---	P1836	1835	1837	745.63	745.54	0.50	19	24	III	15	---
WISCONN VALLEY WAY	1837	602+25.00	50.0	RT	751.82	MANHOLES 5-FT DIAMETER	H	7.10	---	P1838	1837	1847	744.72	743.24	1.00	148	153	III	24	---
WISCONN VALLEY WAY	1841	600+75.00	50.0	LT	750.56	INLETS 4-FT DIAMETER	H	6.11	---	P1842	1841	1843	744.45	744.35	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1843	600+75.00	22.0	LT	750.56	INLETS 4-FT DIAMETER	H	6.21	---	P1844	1843	1845	744.35	744.13	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1845	600+75.00	22.0	RT	750.32	INLETS 4-FT DIAMETER	H	6.19	---	P1846	1845	1847	744.13	744.03	0.50	19	24	III	15	---
WISCONN VALLEY WAY	1847	600+75.00	50.0	RT	750.32	MANHOLES 5-FT DIAMETER	H	7.08	---	P1848	1847	1857	743.24	741.75	1.00	149	154	III	24	---
WISCONN VALLEY WAY	1851	599+25.00	50.0	LT	749.06	INLETS 4-FT DIAMETER	H	6.11	---	P1852	1851	1853	742.95	742.85	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1853	599+25.00	22.0	LT	749.06	INLETS 4-FT DIAMETER	H	6.21	---	P1854	1853	1855	742.85	742.63	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1855	599+25.00	22.0	RT	748.82	INLETS 4-FT DIAMETER	H	6.19	---	P1856	1855	1857	742.63	742.54	0.50	19	24	III	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

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[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1857	599+25.00	50.0	RT	748.82	MANHOLES 5-FT DIAMETER	H	7.07	---	P1858	1857	1867	741.75	740.26	1.00	149	154	III	24	---
WISCONN VALLEY WAY	1859	597+85.32	50.0	LT	747.67	INLETS 4-FT DIAMETER	H	6.19	---	P1860	1859	1861	741.48	741.45	0.50	6	10	III	15	---
WISCONN VALLEY WAY	1861	597+75.00	50.0	LT	747.56	INLETS 4-FT DIAMETER	H	6.11	---	P1862	1861	1863	741.45	741.35	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1863	597+75.00	22.0	LT	747.56	INLETS 4-FT DIAMETER	H	6.21	---	P1864	1863	1865	741.35	741.13	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1865	597+75.00	22.0	RT	747.32	INLETS 4-FT DIAMETER	H	6.19	---	P1866	1865	1867	741.13	741.03	0.50	19	24	III	15	---
WISCONN VALLEY WAY	1867	597+75.00	50.0	RT	747.32	MANHOLES 5-FT DIAMETER	H	7.06	---	P1868	1867	1877	740.26	738.77	1.00	149	154	III	24	---
WISCONN VALLEY WAY	1869	596+35.32	50.0	LT	746.30	INLETS 4-FT DIAMETER	H	6.16	---	P1870	1869	1871	740.14	740.11	0.50	6	10	III	15	---
WISCONN VALLEY WAY	1871	596+25.00	50.0	LT	746.22	INLETS 4-FT DIAMETER	H	6.11	---	P1872	1871	1873	740.11	740.01	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1873	596+25.00	22.0	LT	746.22	INLETS 4-FT DIAMETER	H	6.21	---	P1874	1873	1875	740.01	739.79	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1875	596+25.00	22.0	RT	746.20	INLETS 4-FT DIAMETER	H	6.41	---	P1876	1875	1877	739.79	739.70	0.50	19	24	III	15	---
WISCONN VALLEY WAY	1877	596+25.00	50.0	RT	746.20	MANHOLES 5-FT DIAMETER	H	7.43	---	P1878	1877	1887	738.77	737.28	1.00	149	154	III	24	---
WISCONN VALLEY WAY	1879	594+85.32	50.0	LT	745.51	INLETS 4-FT DIAMETER	H	6.14	---	P1880	1879	1881	739.37	739.34	0.50	6	10	III	15	---
WISCONN VALLEY WAY	1881	594+75.00	50.0	LT	745.45	INLETS 4-FT DIAMETER	H	6.11	---	P1882	1881	1883	739.34	739.24	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1883	594+75.00	22.0	LT	745.45	INLETS 4-FT DIAMETER	H	6.21	---	P1884	1883	1885	739.24	739.02	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1885	594+75.00	22.0	RT	745.45	INLETS 4-FT DIAMETER	H	6.43	---	P1886	1885	1887	739.02	738.93	0.50	18	23	III	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

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[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1887	594+75.00	50.0	RT	745.45	MANHOLES 6-FT DIAMETER	H	9.17	---	P1888	1887	1897	736.28	735.97	0.20	153	159	III	36	---
WISCONN VALLEY WAY	1889	593+30.32	50.0	LT	744.73	INLETS 4-FT DIAMETER	H	6.13	---	P1890	1889	1891	738.60	738.57	0.50	6	10	III	15	---
WISCONN VALLEY WAY	1891	593+20.00	50.0	LT	744.68	INLETS 4-FT DIAMETER	H	6.11	---	P1892	1891	1893	738.57	738.47	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1893	593+20.00	22.0	LT	744.68	INLETS 4-FT DIAMETER	H	6.21	---	P1894	1893	1895	738.47	738.25	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1895	593+20.00	22.0	RT	744.68	INLETS 4-FT DIAMETER	H	6.43	---	P1896	1895	1897	738.25	738.16	0.50	18	23	III	15	---
WISCONN VALLEY WAY	1897	593+20.00	50.0	RT	744.68	MANHOLES 6-FT DIAMETER	H	8.71	---	P1898	1897	1907	735.97	735.68	0.20	143	149	III	36	---
WISCONN VALLEY WAY	1901	591+75.00	50.0	LT	743.95	INLETS 4-FT DIAMETER	H	6.06	---	P1902	1901	1903	737.89	737.79	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1903	591+75.00	22.0	LT	743.95	INLETS 4-FT DIAMETER	H	6.16	---	P1904	1903	1905	737.79	737.57	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1905	591+75.00	22.0	RT	743.95	INLETS 4-FT DIAMETER	H	6.38	---	P1906	1905	1907	737.57	737.48	0.50	18	23	III	15	---
WISCONN VALLEY WAY	1907	591+75.00	50.0	RT	743.95	MANHOLES 6-FT DIAMETER	H	8.27	---	P1908	1907	1917	735.68	735.54	0.20	70	76	III	36	---
WISCONN VALLEY WAY	1911	591+00.00	50.0	LT	743.73	INLETS 4-FT DIAMETER	H-S	5.98	---	P1912	1911	1913	737.75	737.65	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1913	591+00.00	22.0	LT	743.73	INLETS 4-FT DIAMETER	H-S	6.08	---	P1914	1913	1915	737.65	737.43	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1915	591+00.00	22.0	RT	743.73	INLETS 4-FT DIAMETER	H-S	6.30	---	P1916	1915	1917	737.43	737.33	0.50	18	23	III	15	---
WISCONN VALLEY WAY	1917	591+00.00	50.0	RT	743.73	MANHOLES 6-FT DIAMETER	H-S	8.19	---	P1918	1917	1927	735.54	735.40	0.20	69	75	III	36	---
WISCONN VALLEY WAY	1921	590+25.00	50.0	LT	743.95	INLETS 4-FT DIAMETER	H	6.11	---	P1922	1921	1923	737.84	737.74	0.50	20	24	III	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

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[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

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STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1923	590+25.00	22.0	LT	743.95	INLETS 4-FT DIAMETER	H	6.21	---	P1924	1923	1925	737.74	737.52	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1925	590+25.00	22.0	RT	743.95	INLETS 4-FT DIAMETER	H	6.43	---	P1926	1925	1927	737.52	737.43	0.50	18	23	III	15	---
WISCONN VALLEY WAY	1927	590+25.00	50.0	RT	743.95	MANHOLES 6-FT DIAMETER	H	8.55	---	P1928	1927	1937	735.40	735.15	0.20	124	130	III	36	---
WISCONN VALLEY WAY	1931	588+95.00	50.0	LT	744.60	INLETS 4-FT DIAMETER	H	6.11	---	P1932	1931	1933	738.49	738.39	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1933	588+95.00	22.0	LT	744.60	INLETS 4-FT DIAMETER	H	6.21	---	P1934	1933	1935	738.39	738.17	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1935	588+95.00	22.0	RT	744.60	INLETS 4-FT DIAMETER	H	6.43	---	P1936	1935	1937	738.17	738.08	0.50	18	23	III	15	---
WISCONN VALLEY WAY	1937	588+95.00	50.0	RT	744.60	MANHOLES 6-FT DIAMETER	H	9.45	---	P1938	1937	1947	735.15	734.87	0.20	139	145	III	36	---
WISCONN VALLEY WAY	1941	587+50.00	50.0	LT	745.33	INLETS 4-FT DIAMETER	H	6.11	---	P1942	1941	1943	739.22	739.12	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1943	587+50.00	22.0	LT	745.33	INLETS 4-FT DIAMETER	H	6.21	---	P1944	1943	1945	739.12	738.90	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1945	587+50.00	22.0	RT	745.33	INLETS 4-FT DIAMETER	H	6.43	---	P1946	1945	1947	738.90	738.81	0.50	18	23	III	15	---
WISCONN VALLEY WAY	1947	587+50.00	50.0	RT	745.33	MANHOLES 6-FT DIAMETER	H	10.46	---	P1948	1947	1957	734.87	734.28	0.20	294	300	III	36	---
WISCONN VALLEY WAY	1951	584+50.00	50.0	LT	745.33	INLETS 4-FT DIAMETER	H	6.11	---	P1952	1951	1953	739.22	739.12	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1953	584+50.00	22.0	LT	745.33	INLETS 4-FT DIAMETER	H	6.21	---	P1954	1953	1955	739.12	738.90	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1955	584+50.00	22.0	RT	745.33	INLETS 4-FT DIAMETER	H	6.43	---	P1956	1955	1957	738.90	738.81	0.50	18	23	III	15	---
WISCONN VALLEY WAY	1957	584+50.00	50.0	RT	745.33	MANHOLES 6-FT DIAMETER	H	11.05	---	P1958	1957	1967	734.28	733.99	0.20	144	150	III	36	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

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[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1961	583+00.00	50.0	LT	744.58	INLETS 4-FT DIAMETER	H	6.11	---	P1962	1961	1963	738.47	738.37	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1963	583+00.00	22.0	LT	744.58	INLETS 4-FT DIAMETER	H	6.21	---	P1964	1963	1965	738.37	738.15	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1965	583+00.00	22.0	RT	744.58	INLETS 4-FT DIAMETER	H	6.43	---	P1966	1965	1967	738.15	738.06	0.50	18	23	III	15	---
WISCONN VALLEY WAY	1967	583+00.00	50.0	RT	744.58	MANHOLES 6-FT DIAMETER	H	10.59	---	P1968	1967	1977	733.99	733.70	0.20	144	150	III	36	---
WISCONN VALLEY WAY	1971	581+50.00	50.0	LT	743.83	INLETS 4-FT DIAMETER	H	6.11	---	P1972	1971	1973	737.72	737.62	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1973	581+50.05	22.0	LT	743.83	INLETS 4-FT DIAMETER	H	6.21	---	P1974	1973	1975	737.62	737.40	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1975	581+49.95	22.0	RT	743.83	INLETS 4-FT DIAMETER	H	6.43	---	P1976	1975	1977	737.40	737.31	0.50	18	23	III	15	---
WISCONN VALLEY WAY	1977	581+50.00	50.0	RT	743.83	MANHOLES 6-FT DIAMETER	H	10.13	---	P1978	1977	1987	733.70	733.42	0.20	138	144	III	36	---
WISCONN VALLEY WAY	1981	580+00.00	50.0	LT	743.08	INLETS 4-FT DIAMETER	H	3.88	---	P1982	1981	1983	739.20	739.10	0.50	20	24	IV	15	---
WISCONN VALLEY WAY	1983	580+00.00	22.0	LT	743.08	INLETS 4-FT DIAMETER	H	5.45	---	P1984	1983	1985	737.63	737.41	0.50	44	48	IV	15	---
WISCONN VALLEY WAY	1985	580+00.00	22.0	RT	743.08	INLETS 4-FT DIAMETER	H	5.67	---	P1986	1985	1987	737.41	737.32	0.50	18	23	IV	15	---
WISCONN VALLEY WAY	1987	580+00.00	50.0	RT	743.08	MANHOLES 6-FT DIAMETER	H	9.66	---	P1988	1987	1997	733.42	733.10	0.20	160	167	III	36	---
WISCONN VALLEY WAY	1991	578+55.00	50.0	LT	742.35	INLETS 4-FT DIAMETER	H	6.11	---	P1992	1991	1993	736.24	736.14	0.50	20	24	III	15	---
WISCONN VALLEY WAY	1993	578+55.00	22.0	LT	742.35	INLETS 4-FT DIAMETER	H	6.21	---	P1994	1993	1995	736.14	735.92	0.50	44	48	III	15	---
WISCONN VALLEY WAY	1995	578+55.00	22.0	RT	742.35	INLETS 4-FT DIAMETER	H	6.43	---	P1996	1995	1997	735.92	735.77	0.50	30	36	III	15	---

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

STORM SEWER STRUCTURES										STORM SEWER PIPES										
ROADWAY	STRUCTURE NO.	STATION	OFFSET (FT)	LOCATION	RIM OR FLOW ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	DEPTH[1] (FT)	STRUCTURE COMMENTS	PIPE ID	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE[A] %	PIPE LENGTH[B] (FT)	PLAN LENGTH[C] (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
WISCONN VALLEY WAY	1997	578+25.00	50.0	RT	742.20	MANHOLES 9-FT DIAMETER	H	9.10	---	P1998	1997	1999	733.10	732.74	0.20	180	184	III	36	TO ENDWALL
---	---	---	---	---	---	---	---	--	---	P2004	BULKHEAD	2005	736.57	736.36	0.18	119	123	III	60	---
WISCONN VALLEY WAY	2005	604+99.75	43.9	RT	754.57	MANHOLES 8-FT DIAMETER	J-SPECIAL	18.21	---	P2006	2005	2007	736.36	736.14	0.18	123	131	III	60	---
WISCONN VALLEY WAY	2007	604+14.16	55.0	LT	753.99	MANHOLES 8-FT DIAMETER	J-SPECIAL	17.85	---	P2008	2007	2009	736.14	735.68	0.18	256	264	III	60	---
WISCONN VALLEY WAY	2009	601+50.00	55.0	LT	751.99	MANHOLES 8-FT DIAMETER	J-SPECIAL	16.31	---	P2010	2009	2011	735.68	735.17	0.18	281	289	III	60	---
WISCONN VALLEY WAY	2011	598+50.00	55.0	LT	748.99	MANHOLES 8-FT DIAMETER	J-SPECIAL	13.82	---	P2012	2011	2013	735.17	734.66	0.18	281	289	III	60	---
WISCONN VALLEY WAY	2013	595+50.00	55.0	LT	746.51	MANHOLES 8-FT DIAMETER	J-SPECIAL	11.85	---	P2014	2013	2015	734.66	734.15	0.18	281	289	III	60	---
WISCONN VALLEY WAY	2015	592+50.00	55.0	LT	745.01	MANHOLES 8-FT DIAMETER	J-SPECIAL	10.86	---	P2016	2015	2017	734.15	733.50	0.18	363	371	III	60	---
WISCONN VALLEY WAY	2017	588+75.00	55.0	LT	745.38	MANHOLES 8-FT DIAMETER	J-SPECIAL	11.88	---	P2018	2017	2019	733.50	732.84	0.18	367	375	III	60	---
WISCONN VALLEY WAY	2019	585+00.00	55.0	LT	746.26	MANHOLES 8-FT DIAMETER	J-SPECIAL	13.42	---	P2020	2019	2021	732.84	732.18	0.18	368	376	III	60	---
WISCONN VALLEY WAY	2021	581+25.00	55.0	LT	744.38	MANHOLES 8-FT DIAMETER	J-SPECIAL	12.20	---	P2022	2021	2023	732.18	731.77	0.18	228	236	III	60	---
WISCONN VALLEY WAY	2023	579+00.00	55.0	LT	743.26	MANHOLES 8-FT DIAMETER	J-SPECIAL	11.49	---	P2024	2023	2025	731.77	731.57	0.18	113	117	III	60	TO ENDWALL

[1]DEPTH = RIM OR FLOW ELEV - LOWEST PIPE INVERT ELEVATION

[A] SLOPE CALCULATED BASED ON PIPE LENGTH. PIPE LENGTH REPRESENTS LENGTH OF PIPE MEASURED FROM INSIDE FACE OF STRUCTURE TO INSIDE FACE OF STRUCTURE

[B]PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY. NOT INTENDED FOR PAY QUANTITY.

[C]PLAN LENGTH SHOWN FOR PAY QUANTITY.

3

STORM SEWER STRUCTURE SUMMARY													
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	SPV.0060.011 MANHOLES 9-FT DIAMETER EACH	611.3230 INLETS 2x3-FT EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.0535 MANHOLE COVERS TYPE J SPECIAL EACH	611.0624 INLET COVERS TYPE H EACH	611.0627 INLET COVERS TYPE HM EACH	611.0639 INLET COVERS TYPE H-S EACH	SPV.0060.008 INLET COVERS BEEHIVE EACH
6	39	28	9	12	1	28	9	248	14	321	4	30	9

STORM SEWER PIPE SUMMARY													
608.0312* STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-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	608.0360 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 60-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	608.2424 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24x38-INCH LF	608.2429 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 29x45-INCH LF	608.2334 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 34x53-INCH LF	608.2434 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 34x53-INCH LF
179	6001	466	4244	218	1829	2860	4591	183	725	1329	493	307	920

*ADDITIONAL QUANTITIES LISTED ELSEWHERE IN PLAN

3

FENCE SAFETY

LOCATION	616.0700.S FENCE SAFETY LF
UNDISTRIBUTED	1,000
PROJECT 2704-00-76 TOTAL	1,000

MOBILIZATION

LOCATION	619.1000 MOBILIZATION EACH
PROJECT 2704-00-76	1
PROJECT 2704-00-76 TOTAL	1

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FENCE CHAIN LINK

STATION	LOCATION	OFFSET	616.0206 FENCE CHAIN LINK 6-FT LF
538+00	WISCONN VALLEY WAY	LT	100
538+00	WISCONN VALLEY WAY	RT	100
PROJECT 2704-00-76 TOTAL			200

DRAINTILE EXPLORATION

LOCATION	612.0700 DRAIN TILE EXPLORATION LF
UNDISTRIBUTED	10,000
PROJECT 2704-00-76 TOTAL	10,000

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

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CONCRETE MEDIAN SLOPED NOSE

STATION	OFFSET	LOCATION	620.0300 CONCRETE MEDIAN SLOPED NOSE SF	REMARKS
554+05	RT	WISCONN VALLEY WAY	89	TYPE 1
555+27	RT	WISCONN VALLEY WAY	65	TYPE 1
555+79	LT	WISCONN VALLEY WAY	66	TYPE 2
556+01	RT	WISCONN VALLEY WAY	27	TYPE 2
556+02	RT	WISCONN VALLEY WAY	96	TYPE 2
557+26	LT	WISCONN VALLEY WAY	48	TYPE 2
557+27	LT	WISCONN VALLEY WAY	28	TYPE 2
557+53	RT	WISCONN VALLEY WAY	66	TYPE 1
557+95	LT	WISCONN VALLEY WAY	67	TYPE 1
560+45	LT	WISCONN VALLEY WAY	84	TYPE 1
55BRW+45	RT	BRAUN ROAD	168	TYPE 1
67BRE+08	LT	BRAUN ROAD	168	TYPE 1
68BRE+09	RT	BRAUN ROAD	66	TYPE 1
68BRE+51	LT	BRAUN ROAD	84	TYPE 1
68BRE+86	RT	BRAUN ROAD	25	TYPE 2
68BRE+87	LT	BRAUN ROAD	96	TYPE 2
69BRW+99	RT	BRAUN ROAD	48	TYPE 2
69BRW+99	LT	BRAUN ROAD	29	TYPE 2
70BRW+29	RT	BRAUN ROAD	84	TYPE 1
70BRW+72	LT	BRAUN ROAD	66	TYPE 1
PROJECT 2704-00-76 TOTAL			1,470	

DUST CONTROL SURFACE TREATMENT

LOCATION	623.0200 DUST CONTROL SURFACE TREATMENT SY
PROJECT 2704-00-76	107,494
PROJECT 2704-00-76 TOTAL	107,494

WATER

LOCATION	624.0100 WATER MGAL
AGGREGATE COMPACTION	72
EARTHWORK COMPACTION	945
DUST CONTROL	1,017
SEEDED AREAS	4,255
PROJECT 2704-00-76 TOTAL	6,289

INLET PROTECTION

STATION	TO	STATION	LOCATION	628.7005 INLET PROTECTION TYPE A EACH	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7020 INLET PROTECTION TYPE D EACH
501+54	-	516+00	WISCONN VALLEY WAY	44	--	32	12
516+00	-	530+00	WISCONN VALLEY WAY	40	--	28	12
530+00	-	547+00	WISCONN VALLEY WAY	46	5	34	12
547+00	-	555+00	WISCONN VALLEY WAY	35	--	35	--
558+00	-	562+00	WISCONN VALLEY WAY	24	--	13	11
564+00	-	575+00	WISCONN VALLEY WAY	29	4	19	10
575+00	-	590+00	WISCONN VALLEY WAY	36	--	36	--
590+00	-	606+00	WISCONN VALLEY WAY	54	--	42	12
54BRE+36	-	65BRE+00	BRAUN ROAD	28	--	18	10
65BRE+00	-	71BRE+75	BRAUN ROAD	19	--	19	--
UNDISTRIBUTED				95	2	74	21
PROJECT 2704-00-76 TOTAL				450	11	350	100

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET:	E

3

RESTORATION

STATION			OFFSET	LOCATION	SPV.0180.001 TOPSOIL SPECIAL SY	628.2004 EROSION MAT CLASS 1 TYPE B SY	629.0205 FERTILIZER TYPE A CWT	629.0210 FERTILIZER TYPE B CWT	630.0140 SEEDING MIXTURE NO. 40 LB	630.0200 SEEDING TEMPORARY LB
501+54	-	555+23	RT	WISCONN VALLEY WAY	24,006	24,006	--	15.1	433	433
501+54	-	555+23	MED	WISCONN VALLEY WAY	26,214	26,214	--	16.5	471	471
501+54	-	555+23	LT	WISCONN VALLEY WAY	23,570	23,570	--	14.8	424	424
555+23	-	555+65	LT	WISCON VALLEY WAY	70	70		--	1	1
555+23	-	555+76	RT	WISCON VALLEY WAY	110	110		0.1	2	2
557+66	-	557+99	RT	WISCON VALLEY WAY	53	53		--	1	1
558+00	-	606+00	LT	WISCONN VALLEY WAY	16,834	16,834	--	10.6	303	303
558+00	-	606+00	MED	WISCONN VALLEY WAY	22,192	22,192	--	14.0	399	399
558+00	-	606+00	RT	WISCONN VALLEY WAY	18,106	18,106	--	11.4	326	326
				DETENTION POND I	4,665	4,665	2.9	--	84	84
				DETENTION POND J	8,719	8,719	5.5	--	156	156
				DETENTION POND K	12,177	12,177	7.7	--	219	219
54BRE+36	-	68BRE+62	LT	BRAUN ROAD	5,388	5,388	--	3.4	97	97
54BRE+36	-	68BRE+67	RT	BRAUN ROAD	6,002	6,002	--	3.8	108	108
56BRE+14	-	66BRE+49	MED	BRAUN ROAD	4,296	4,296	--	2.7	78	78
67BRE+12	-	68BRE+59	MED	BRAUN ROAD	292	292		0.2	5	5
70BRE+15	-	71BRE+75	LT	BRAUN ROAD	584	584	--	0.4	11	11
70BRE+32	-	71BRE+75	RT	BRAUN ROAD	802	802	--	0.5	15	15
UNDISTRIBUTED					17,420	17,420	1.9	11.5	317	317
PROJECT 2704-00-76 TOTAL					191,500	191,500	18.0	105.0	3,450	3,450

LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES

LOCATION	632.9101 LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES EACH
UNDISTRIBUTED	9
PROJECT 2704-00-76 TOTAL	9

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

EROSION CONTROL

STATION			OFFSET	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.6510 SOIL STABILIZER TYPE B ACRE	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECK EACH	SPV.0090.001 HEAVY DUTY SILT FENCE LF
501+51	-	556+00	RT	WISCONN VALLEY WAY	5,765	5,765	0.62	--	--	246
501+51	-	556+00	LT	WISCONN VALLEY WAY	5,172	5,172	1.07	--	--	699
501+51	-	556+00	MED	WISCONN VALLEY WAY	--	--	--	80	--	--
558+00	-	606+00	RT	WISCONN VALLEY WAY	4,189	4,189	--	--	--	613
558+00	-	606+00	LT	WISCONN VALLEY WAY	4,486	4,486	1.11	--	50	665
558+00	-	606+00	MED	WISCONN VALLEY WAY	--	--	--	64	--	--
54BRE+31	-	68BRE+17	LT	BRAUN ROAD	1,396	1,396	--	40	--	--
54BRE+31	-	68BRE+23	RT	BRAUN ROAD	1,402	1,402	--	32	--	--
70BRE+41	-	71BRE+80	LT	BRAUN ROAD	143	143	--	8	--	--
70BRE+75	-	71BRE+80	RT	BRAUN ROAD	115	115	--	8	--	--
UNDISTRIBUTED					5,832	5,832	0.75	58	15	577
PROJECT 2704-00-76 TOTAL					28,500	28,500	3.75	290	65	2,800

EROSION CONTROL

	628.7570 ROCK BAGS EACH	628.7560 TRACKING PADS EACH	SPV.0060.002 TEMPORARY STONE DITCH CHECKS EACH	SPV.0060.003 SAND BAGS EACH	SPV.0060.004 TEMPORARY SEDIMENT TRAPS EACH	628.1104 EROSION BALES EACH	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
UNDISTRIBUTED	100	4	20	150	10	300	6	10
PROJECT 2704-00-76 TOTAL	100	4	20	150	10	300	6	10

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET:	E

PERMANENT SIGNING

SIGN #	SIGN CODE	SIGN SIZE IN	IN	IN	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0618 POSTS WOOD 4X6-IN X 18 FT EACH	637.0620 SIGN FLAGS PERMANENT TYPE 2 EACH	SPV.0060.050 SIGN SUPPORT SPECIAL MOUNTING EACH	SIGN MOUNTED ON SAME POST AS	REMARKS
P001	R3-20LL	24	X	36	--	6.00	--	--	1	--	--	--	
P002	R3-5L	42	X	48	--	14.00	--	--	--	--	1	--	
P003	--	36	X	42	10.50	--	--	--	--	--	1	--	
P004	R3-5R	42	X	48	--	14.00	--	--	--	--	1	--	
P005	--	72	X	84	42.00	--	--	--	--	--	--	--	ON S-51-611
P006	--	72	X	84	42.00	--	--	--	--	--	--	--	ON S-51-611
P007	--	48	X	60	20.00	--	--	--	--	--	--	--	ON S-51-611
P008	--	72	X	84	42.00	--	--	--	--	--	--	--	ON S-51-611
P009	--	72	X	84	42.00	--	--	--	--	--	--	--	ON S-51-611
P010	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P011	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P012	R3-20L	24	X	36	--	6.00	--	--	1	--	--	--	
P013	W3-3	36	X	36	--	--	--	9	1	2	--	--	
P014	W3-3	36	X	36	--	--	--	9	1	2	--	--	
P015	W3-3	36	X	36	--	--	--	9	1	2	--	--	
P016	W3-3	36	X	36	--	--	--	9	1	2	--	--	
P017	R3-20L	24	X	36	--	6.00	--	--	1	--	--	--	
P018	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P019	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P020	R1-1-F	36	X	36	--	--	7.46	--	--	--	--	--	P022
P021	R1-1-F	36	X	36	--	--	7.46	--	--	--	--	--	P041
P022	R4-7	24	X	30	--	5.00	--	--	--	--	--	--	P020
P023	R6-1	36	X	12	--	3.00	--	--	--	--	--	--	--
P024	W12-1-D	24	X	24	--	--	--	4	1	--	--	--	--
P025	R1-1-F	36	X	36	--	--	7.46	--	--	--	--	--	--
P026	R1-2	36	X	31	--	3.88	--	--	1	--	--	--	--
P027	R3-20LL	24	X	36	--	6.00	--	--	1	--	--	--	--
P028	W12-1-D	24	X	24	--	--	--	4	1	--	--	--	--
P029	R1-2	36	X	31	--	3.88	--	--	1	--	--	--	--
P030	R1-1-F	36	X	36	--	--	7.46	--	1	--	--	--	--
P031	R6-1	36	X	12	--	3.00	--	--	--	--	--	--	--
P032	R4-7	24	X	30	--	5.00	--	--	--	--	--	--	P033
P033	R1-1-F	36	X	36	--	--	7.46	--	--	--	--	--	P032
P034	R1-1-F	36	X	36	--	--	7.46	--	--	--	--	--	P042
P035	R1-1-F	36	X	36	--	--	7.46	--	--	--	--	--	P036

CONTINUED ON NEXT PAGE

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

PERMANENT SIGNING

SIGN #	SIGN CODE	SIGN SIZE IN	IN	IN	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0618 POSTS WOOD 4X6-IN X 18 FT EACH	637.0620 SIGN FLAGS PERMANENT TYPE 2 EACH	SPV.0060.050 SIGN SUPPORT SPECIAL MOUNTING EACH	SIGN MOUNTED ON SAME POST AS	REMARKS
P036	R4-7	24	X	30	--	5.00	--	--	--	--	--	P035	
P037	R6-1	36	X	12	--	3.00	--	--	--	--	--	--	
P038	R1-2	36	X	31	--	3.88	--	--	1	--	--	--	
P039	R1-1-F	36	X	36	--	--	7.46	--	--	--	--	--	
P040	W12-1-D	24	X	24	--	--	--	4	1	--	--	--	
P041	R5-1	30	X	30	--	6.25	--	--	--	--	--	P021	
P042	R5-1	30	X	30	--	6.25	--	--	--	--	--	P034	
P043	R5-1	30	X	30	--	6.25	--	--	--	--	--	P044	
P044	R1-1-F	36	X	36	--	--	7.46	--	--	--	--	P043	
P045	R1-1-F	36	X	36	--	--	7.46	--	--	--	--	P048	
P046	R10-11B	24	X	24	--	4.00	--	--	--	--	--	--	
P047	R10-11B	24	X	24	--	4.00	--	--	--	--	--	--	
P048	R4-7	24	X	30	--	5.00	--	--	--	--	--	P045	
P049	R6-1	36	X	12	--	3.00	--	--	--	--	--	--	
P050	R1-1-F	36	X	36	--	--	7.46	--	--	--	--	--	
P051	R1-1-F	36	X	36	--	--	7.46	--	--	--	--	--	
P052	R1-1-F	36	X	36	--	--	7.46	--	--	--	--	P054	
P053	W12-1-D	24	X	24	--	--	--	4	1	--	--	--	
P054	R5-1	30	X	30	--	6.25	--	--	--	--	--	P052	
P101	R6-2L	24	X	30	--	5.00	--	--	1	--	--	--	
P102	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P103	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P104	R3-7R	36	X	36	--	9.00	--	--	1	--	--	--	
P105	R3-5L	42	X	48	--	14.00	--	--	--	--	--	--	ON S-51-612
P106	R5-5R	42	X	48	--	14.00	--	--	--	--	--	--	ON S-51-612
P107	R3-5R	42	X	48	--	14.00	--	--	--	--	--	--	ON S-51-612
P108	R5-1A	36	X	24	--	6.00	--	--	1	--	--	P109	
P109	R3-20L	24	X	36	--	6.00	--	--	--	--	--	P108	
P110	R3-8S	54	X	30	--	11.25	--	--	2	--	--	--	
P111	J1-1	24	X	39	--	6.50	--	--	1	--	--	--	
P112	J1-1	24	X	39	--	6.50	--	--	1	--	--	--	
P113	R3-7R	36	X	36	--	9.00	--	--	1	--	--	--	
P114	W3-3	36	X	36	--	--	--	9.00	1	--	--	--	
P115	W3-3	36	X	36	--	--	--	9.00	1	--	--	--	
P116	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	

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ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

PERMANENT SIGNING

SIGN #	SIGN CODE	SIGN SIZE IN	IN	IN	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0618 POSTS WOOD 4X6-IN X 18 FT EACH	637.0620 SIGN FLAGS PERMANENT TYPE 2 EACH	SPV.0060.050 SIGN SUPPORT SPECIAL MOUNTING EACH	SIGN MOUNTED ON SAME POST AS	REMARKS
P117	R2-1	24	X	30	--	5.00	--	--	1		--	--	
P201	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P202	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P203	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P204	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P301	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P302	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P303	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P304	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P401	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P402	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P403	W3-3	36	X	36	--	--	--	9.00	1	--	--	--	
P404	W3-3	36	X	36	--	--	--	9.00	1	--	--	--	
P405	R5-1A	36	X	24	--	6.00	--	--	1	--	--	--	
P406	R5-1A	36	X	24	--	6.00	--	--	1	--	--	--	
P407	R3-20L	24	X	36	--	6.00	--	--	1	--	--	--	
P408	R3-8MM	36	X	30	--	7.50	--	--	1	--	--	--	
P409	R3-20LL	24	X	36	--	6.00	--	--	1	--	--	--	
P410	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P411	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P501	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P502	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P503	R3-20LL	24	X	36	--	6.00	--	--	1	--	--	--	
P504	R3-8Y	30	X	36	--	7.50	--	--	1	--	--	--	
P505	R5-1A	36	X	24	--	6.00	--	--	1	--	--	--	
P506	R5-1A	36	X	24	--	6.00	--	--	1	--	--	R507	
P507	R3-20L	24	X	36	--	6.00	--	--	--	--	--	R506	
P508	W3-3	36	X	36	--	--	--	9.00	1	--	--	--	
P509	W3-3	36	X	36	--	--	--	9.00	1	--	--	--	
P510	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P511	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P601	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P602	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P603	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P604	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	

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ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

PERMANENT SIGNING

SIGN #	SIGN CODE	SIGN SIZE IN		IN IN	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0618 POSTS WOOD 4X6-IN X 18 FT EACH	637.0620 SIGN FLAGS PERMANENT TYPE 2 EACH	SPV.0060.050 SIGN SUPPORT SPECIAL MOUNTING EACH	SIGN MOUNTED ON SAME POST AS	REMARKS
P701	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P702	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P703	W3-3	36	X	36	--	--	--	9.00	1	--	--	--	
P704	W3-3	36	X	36	--	--	--	9.00	1	--	--	--	
P705	R3-7R	36	X	36	--	9.00	--	--	1	--	--	--	
P706	J1-1	24	X	39	--	6.50	--	--	1	--	--	--	
P707	J1-1	24	X	39	--	6.50	--	--	1	--	--	--	
P708	R3-8R	54	X	30	--	11.25	--	--	2	--	--	--	
P709	R3-8R	54	X	30	--	11.25	--	--	2	--	--	P712	
P710	R5-1A	36	X	24	--	6.00	--	--	--	--	--	P711	
P711	R3-5L	42	X	48	--	14.00	--	--	--	--	--	--	ON S-51-613
P712	R3-5L	42	X	48	--	14.00	--	--	--	--	--	--	ON S-51-613
P713	R3-5R	42	X	48	--	14.00	--	--	--	--	--	--	ON S-51-613
P714	R3-7R	36	X	36	--	9.00	--	--	1	--	--	--	
P715	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
P716	R2-1	24	X	30	--	5.00	--	--	1	--	--	--	
PROJECT 2704-00-76 TOTAL					198.50	554.39	96.98	124.00	81	8	3		

REMOVING SIGNS

SIGN #	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
R001	1	1	SPEED LIMIT 45
R002	1	1	STOP AHEAD
R003	1	1	SPEED LIMIT 45
R004	1	1	SPEED LIMIT 45
PROJECT 2704-00-76 TOTAL	4	4	

OVERHEAD SIGN SUPPORTS

STATION	LOCATION	641.8100.001 OVERHEAD SIGN SUPPORT (S-51-611) EACH	641.8100.002 OVERHEAD SIGN SUPPORT (S-51-612) EACH	641.8100.003 OVERHEAD SIGN SUPPORT (S-51-613) EACH
57BRW+50	BRAUN ROAD	1	-	-
503+12	WISCONN VALLEY WAY	-	1	-
603+57	WISCONN VALLEY WAY	-	-	1
PROJECT 2704-00-76 TOTAL		1	1	1

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET:	E

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PAVEMENT MARKINGS

STATION	TO	STATION	OFFSET	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH WHITE LF	646.1020 MARKING LINE EPOXY 4-INCH YELLOW LF	646.1545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH WHITE SKIP LF	646.3020 MARKING LINE EPOXY 8-INCH WHITE LF	646.3545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH SOLID LF	646.3545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH SKIP LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY "ONLY" EACH
501+54	-	556+00	RT	WISCONN VALLEY WAY	5,417	5,421	1,357	--	810	37	2	2
501+54	-	556+00	LT	WISCONN VALLEY WAY	5,407	5,347	1,186	--	447	127	4	4
557+00	-	606+00	RT	WISCONN VALLEY WAY	4,835	4,763	1,024	--	490	126	7	4
557+00	-	606+00	LT	WISCONN VALLEY WAY	4,812	4,825	1,171	--	630	54	1	1
54BRE+36	-	69BRE+50		BRAUN ROAD	1,430	--	--	--	--	--	--	--
54BRE+36	-	58BRE+21		BRAUN ROAD	--	--	--	818	--	--	1	--
64BRE+98	-	69BRE+50		BRAUN ROAD	--	--	--	665	--	--	2	1
70BRE+07	-	71BRE+75		BRAUN ROAD	192	--	--	137	--	--	1	1
SUBTOTAL					22,093	20,356	4,738	1,620	2,377	344	18	13
UNDISTRIBUTED						--	--	--	--	--	--	--
PROJECT 2704-00-76 TOTAL						42,449	4,738	1,620	2,721		18	13

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PAVEMENT MARKINGS

STATION	TO	STATION	OFFSET	LOCATION	646.6120 MARKING STOP LINE EPOXY 18-INCH LF	646.6220 MARKING YIELD LINE EPOXY 18-INCH EACH	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	646.8120 MARKING CURB EPOXY LF	646.8220 MARKING ISLAND NOSE EPOXY EACH	646.6464 COLD WEATHER MARKING EPOXY 4-INCH LF	646.6468 COLD WEATHER MARKING EPOXY 8-INCH LF
501+54	-	556+00	RT	WISCONN VALLEY WAY	61	--	223	59	1	--	--
501+54	-	556+00	LT	WISCONN VALLEY WAY	48	8	232	50	1	--	--
557+00	-	606+00	RT	WISCONN VALLEY WAY	--	--	--	--	--	--	--
557+00	-	606+00	LT	WISCONN VALLEY WAY	--	--	--	--	--	--	--
54BRE+36	-	69BRE+50		BRAUN ROAD	--	--	--	--	--	--	--
54BRE+36	-	58BRE+21		BRAUN ROAD	--	--	--	--	--	--	--
64BRE+98	-	69BRE+50		BRAUN ROAD	48	8	237	10	1	--	--
70BRE+07	-	71BRE+75		BRAUN ROAD	60	8	259	10	1	--	--
SUBTOTAL					217	24	951	129	4	--	--
UNDISTRIBUTED					--	--	--	--	--	45,565	2,721
PROJECT 2704-00-76 TOTAL					217	24	951	129	4	45,565	2,721

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

TRAFFIC CONTROL

STAGE	LOCATION	STAGE DURATION DAYS	643.0300 TRAFFIC CONTROL DRUMS EACH**	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH**	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH**	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C EACH**	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	643.0900 TRAFFIC CONTROL SIGNS EACH**	643.0900 TRAFFIC CONTROL SIGNS DAY	643.5000 TRAFFIC CONTROL EACH
2	BRAUN ROAD	45	54	2,430	49	2,205	98	4,410	--	--	24	1,080	--
4	WISCONN VALLEY WAY	20	30	600	4	80	8	160	10	200	10	200	
	UNDISTRIBUTED			320		215		430		--		120	1
PROJECT 2704-00-76 TOTAL				3,350		2,500		5,000		200		1,400	1

NOTE: **FOR INFORMATION ONLY

TRAFFIC CONTROL COVERING SIGNS TYPE II

LOCATION	NUMBER OF CYCLES	NUMBER OF SIGNS	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH
UNDISTRIBUTED	1	10	10
PROJECT 2704-00-76 TOTAL			10

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Plansheets\27040076\27040076_MQ.ppt PLOT DATE : 11/30/2018 11:42:41 AM PLOT BY : JOHNATHAN OLSON PLOT NAME : 27040076_MQ18 PLOT SCALE : 1:1

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CONNECT DRAIN TILE

LOCATION	SPV.0060.013 CONNECT DRAIN TILE EA	608.0312* STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF
UNDISTRIBUTED	50	4,375
PROJECT 2704-00-76 TOTAL	50	4,375

*NOTE: ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PAVEMENT CLEANUP PROJECT

LOCATION	SPV.0075.001 PAVEMENT CLEANUP PROJECT 2704-00-76 HR
PROJECT 2704-00-76	30
PROJECT 2704-00-76 TOTAL	30

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PIPE UNDERDRAIN

STA	TO	STA	LOCATION	SPV.0090.002 PIPE UNDERDRAIN 6-INCH SPECIAL LF
501+54	-	555+23	WISCONN VALLEY WAY	2,450
558+00	-	612+51	WISCONN VALLEY WAY	2,300
			BRAUN ROAD	550
PROJECT 2704-00-76 TOTAL				5,300

NOTE: CONNECT PIPE UNDERDRAIN TO CURBLINE INLETS

SURVEY PROJECT

LOCATION	SPV.0105.007 SURVEY PROJECT 2704-00-76 LS
PROJECT 2704-00-76	1
PROJECT 2704-00-76 TOTAL	1

REMOVAL AND DISPOSAL OF INVASIVE PLANT SPECIES

LOCATION	SPV.0170.001 REMOVAL AND DISPOSAL OF INVASIVE PLANT SPECIES STA
PROJECT 2704-00-76	5
PROJECT 2704-00-76 TOTAL	5

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET:	E

WISCONN VALLEY WAY & BRAUN ROAD

ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

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SUMMARY OF STATE FURNISHED MATERIALS - FOR INFORMATION ONLY

QUANTITY	UNIT	DESCRIPTION
1	EACH	TRAFFIC SIGNAL CONTROLLER AND CABINET
4	EACH	EVP DETECTOR HEAD WITH CONFIRMATION BEACON (HEADS A, B, C, D)
2	EACH	RADAR DETECTOR UNIT - ADVANCE (RE1, RE2)
1	EACH	CELL MODEM
1	EACH	ETHERNET SWITCH
2	EACH	STATE FURNISHED POLES TYPE 9
4	EACH	STATE FURNISHED POLES TYPE 10
2	EACH	STATE FURNISHED POLES TYPE 12
1	EACH	STATE FURNISHED MONOTUBE ARMS 15-FT
1	EACH	STATE FURNISHED MONOTUBE ARMS 20-FT
3	EACH	STATE FURNISHED MONOTUBE ARMS 25-FT
1	EACH	STATE FURNISHED MONOTUBE ARMS 30-FT
2	EACH	STATE FURNISHED MONOTUBE ARMS 40-FT
8	EACH	STATE FURNISHED LUMINAIRE ARMS STEEL 15-FT

WISCONSIN
SEAN P. HOWELL
E-45160-6
MILWAUKEE, WI
PROFESSIONAL ENGINEER

11.29.18

PROJECT NUMBER: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET NO:	E

FILE NAME: S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Reference Files\signals\WVW and Braun Quantities.ppt
PLOT DATE : 11/19/2018 4:18:22 PM PLOT BY : KAPUR & ASSOCIATES PLOT SCALE : 1:1

WISCONN VALLEY WAY & BRAUN ROAD

ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

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CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
CB1	PB1	--	30
PB1	PB2	--	75
PB2	PB3	--	38
PB2	PB4	--	128
PB4	PB5	--	20
PB4	PB6	200	--
PB4	PB7	--	70
PB7	PB8	--	134
PB8	PB9	24	--
PB8	PB10	--	46
PB8	PB11	--	152
PB11	PB12	--	138
PB12	PB13	--	35
PB12	PB14	--	72
PB14	PB15	26	--
PB14	PB16	--	108
PB16	PB17	41	--
PB16	PB18	--	154
PB18	PB19	--	38
PB19	PB20	--	18
PB18	PB21	200	--
PB18	PB22	--	158
PB22	PB23	--	21
PB22	PB24	--	60
PB24	PB25	--	140
PB25	PB26	44	--
PB25	PB27	--	142
PB27	PB28	--	59
PB27	PB29	--	154
PB29	PB30	--	32
PB29	PB31	--	60
PB31	PB32	--	122
PB32	PB33	74	--
PB32	PB34	--	69
PB34	CB1	--	30
PROJECT 2704-00-76 SUBTOTALS		609	2303

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CONDUIT (CONT.)

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
PB3	SB1	--	24
PB3	SB2	11	--
PB5	SB3	--	20
PB7	SB4	24	--
PB10	SB5	--	22
PB10	SB6	10	--
PB13	SB7	--	33
PB14	SB8	12	--
PB15	SB9	13	--
PB18	SB10	21	--
PB20	SB11	10	--
PB20	SB12	--	26
PB20	SB13	10	--
PB23	SB14	--	21
PB24	SB15	29	--
PB28	SB16	--	23
PB28	SB17	10	--
PB30	SB18	--	32
PB31	SB19	42	--
PROJECT 2704-00-76 SUBTOTALS		192	201
PROJECT 2704-00-76 TOTALS		801	2504

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PROJECT NUMBER: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET NO:	E

FILE NAME: S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Reference Files\signals\WVW and Braun Quantities.ppt
PLOT DATE : 11/19/2018 4:18:22 PM PLOT BY : KAPUR & ASSOCIATES PLOT SCALE : 1:1

WISCONN VALLEY WAY & BRAUN ROAD

ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

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LOOP DETECTOR SCHEDULE

LOOP NUMBER	HOMERUN PB	STATION	LOCATION	SIZE (FT)X(FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800 CONDUIT LOOP DETECTOR LF	655.0700 LOOP DETECTOR LEAD IN CABLE LF	655.0800 LOOP DETECTOR WIRE LF
11	PB30	68BRW+24.63	18.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	86	175	268
12	PB30	68BRW+52.63	18.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	82	175	256
31	PB23	555+52.12	6.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	88	413	274
32	PB23	555+80.12	6.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	82	413	256
41	PB6	559+97.62	48.0' LT	6'X18'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	82	317	256
42	PB3	557+72.62	54.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	98	90	304
43	PB3	557+44.62	54.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	88	90	274
44	PB4	557+72.62	42.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	82	117	256
45	PB5	557+44.62	42.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	68	137	214
51	PB13	70BRW+55.70	18.0' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	70	402	290
52	PB13	70BRW+27.70	18.0' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	70	402	290
53	PB15	70BRE+55.65	18.0' LT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	74	429	306
54	PB15	70BRE+27.65	18.0' LT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	84	429	346
55	PB18	555+40.79	78.8' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	70	471	290
56	PB19	70BRE+35.10	72.2' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	96	509	394
57	PB19	555+46.75	67.8' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	76	509	314
58	PB19	70BRE+24.05	66.2' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	72	509	298
71	PB4	557+79.12	18.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	72	117	226
72	PB5	557+51.12	18.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	74	137	232
73	PB7	557+79.12	6.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	72	153	226
74	PB7	557+51.12	6.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	84	153	262
81	PB21	553+35.04	35.8' RT	6'X18'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	124	671	630
82	PB19	555+55.62	42.0' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	74	509	306
83	PB19	555+83.62	42.0' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	78	509	322
84	PB23	555+55.62	30.0' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	84	413	346
85	PB23	555+83.62	30.0' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	82	413	338
S1	PB33	67BRW+28.07	30.0' LT	6'X6'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	82	125	256
S2	PB33	67BRW+28.07	18.0' LT	6'X6'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	106	125	328
S3	PB33	67BRW+28.07	6.0' LT	6'X6'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	130	125	400
S4	PB17	71BRE+28.81	30.0' RT	6'X10'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	80	499	410
S5	PB17	71BRE+28.81	18.0' RT	6'X10'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	104	499	530
S6	PB17	71BRE+28.81	6.0' RT	6'X10'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	128	499	650
S7	PB26	554+97.20	61.2' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	90	336	280
S8	PB26	554+97.20	42.2' LT	6'X6'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	128	336	650
S9	PB9	558+08.64	49.3' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	92	245	286
S10	PB9	558+08.64	30.3' RT	6'X6'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	130	245	530
							PROJECT 2704-00-76 TOTALS	3182	11696	12094

** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

PROJECT NUMBER: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET NO:	E

FILE NAME: S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Reference Files\signals\WVW and Braun Quantities.ppt

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PULL BOXES STEEL

PULL BOX NO.	STATION	LOCATION	653.0135 PULL BOXES STEEL 24X36-INCH EACH	653.0140 PULL BOXES STEEL 24X42-INCH EACH
PB1	68BRW+29.56	88.8' LT	--	1
PB2	557+84.73	94.9' LT	--	1
PB3	68BRW+76.53	66.0' LT	--	1
PB4	557+84.73	30.0' LT	--	1
PB5	557+64.46	30.0' LT	1	--
PB6	559+84.73	30.0' LT	1	--
PB7	557+84.73	5.8' RT	--	1
PB8	557+84.73	73.8' RT	--	1
PB9	558+08.64	69.8' RT	1	--
PB10	70BRW+25.45	50.4' LT	--	1
PB11	70BRW+87.54	63.5' LT	--	1
PB12	70BRW+87.54	6.0' RT	--	1
PB13	70BRW+51.70	6.0' RT	1	--
PB14	70BRE+87.49	6.0' LT	--	1
PB15	70BRE+62.02	6.0' LT	1	--
PB16	70BRE+87.49	48.8' RT	--	1
PB17	71BRE+28.81	44.6' RT	1	--
PB18	555+41.30	91.3' RT	--	1
PB19	555+56.25	56.3' RT	--	1
PB20	555+74.29	56.5' RT	1	--
PB21	553+48.62	78.0' RT	1	--
PB22	555+41.30	12.0' RT	--	1
PB23	555+62.68	12.0' RT	1	--
PB24	555+41.30	18.0' LT	--	1
PB25	555+41.30	88.6' LT	--	1
PB26	554+97.20	81.2' LT	1	--
PB27	68BRE+01.51	65.4' RT	--	1
PB28	68BRE+59.12	50.1' RT	--	1
PB29	68BRE+01.51	12.0' LT	--	1
PB30	68BRE+34.32	12.0' LT	1	--
PB31	68BRW+01.56	6.0' RT	--	1
PB32	68BRW+01.56	56.0' LT	--	1
PB33	67BRW+28.07	45.5' LT	1	--
PB34	68BRW+14.83	75.7' LT	--	1
		PROJECT 2704-00-76 TOTALS	12	22

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

CONCRETE BASES

BASE NO.	STATION	LOCATION	654.0101 CONCRETE BASES TYPE 1 EACH	654.0110 CONCRETE BASES TYPE 10 EACH	654.0113 CONCRETE BASES TYPE 13 EACH	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH
CB1	68BRW+21.04	83.6' LT	--	--	--	1
SB1	68BRW+66.61	43.2' LT	--	--	1	--
SB2	68BRW+82.18	56.1' LT	1	--	--	--
SB3	557+44.18	30.0' LT	--	1	--	--
SB4	557+60.12	5.8' RT	1	--	--	--
SB5	70BRW+04.01	42.9' LT	--	1	--	--
SB6	70BRW+18.26	42.6' LT	1	--	--	--
SB7	70BRW+18.23	6.0' RT	--	1	--	--
SB8	70BRE+75.38	6.0' LT	1	--	--	--
SB9	70BRE+48.93	6.0' LT	1	--	--	--
SB10	70BRE+47.64	78.4' RT	1	--	--	--
SB11	70BRE+13.37	59.9' RT	1	--	--	--
SB12	70BRE+18.22	43.1' RT	--	--	1	--
SB13	555+84.08	54.5' RT	1	--	--	--
SB14	555+84.05	12.0' RT	--	1	--	--
SB15	555+71.07	18.0' LT	1	--	--	--
SB16	68BRE+81.98	56.1' RT	--	1	--	--
SB17	68BRE+67.04	42.5' RT	1	--	--	--
SB18	68BRE+67.08	12.0' LT	--	1	--	--
SB19	68BRW+43.68	6.0' RT	1	--	--	--
		PROJECT 2704-00-76 TOTALS	11	6	2	1

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

WISCONN VALLEY WAY & BRAUN ROAD

ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

3

UNDERGROUND TRAFFIC SIGNAL CABLE NO. 14

FROM	TO	655.024* CABLE TRAFFIC SIGNAL 7-14 AWG LF	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF	655.0270 CABLE TRAFFIC SIGNAL 15-14 AWG LF
CB1	SB1	--	157	--
CB1	SB2	--	--	144
CB1	SB3	215	--	--
CB1	SB4	235	--	--
CB1	SB5	--	380	--
CB1	SB6	--	--	368
CB1	SB7	558	--	--
CB1	SB8	537	--	--
CB1	SB9	581	--	--
CB1	SB10	--	631	--
CB1	SB11	707	--	--
CB1	SB12	--	723	--
CB1	SB13	--	707	--
CB1	SB14	572	--	--
CB1	SB15	497	--	--
CB1	SB16	--	393	--
CB1	SB17	--	380	--
CB1	SB18	282	--	--
CB1	SB19	--	196	--
PROJECT 2704-00-76 TOTALS		4184	3567	512

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

ABOVE GROUND TRAFFIC SIGNAL CABLE NO. 14

FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF	655.024* CABLE TRAFFIC SIGNAL 7-14 AWG LF
SB1	HEAD 9	58	--
SB1	HEAD 10	46	--
SB1	HEAD 11	34	--
SB1	HEAD 31	15	--
SB2	HEAD 22	19	--
SB2	HEAD 24	19	--
SB2	HEAD 32	15	--
SB3	HEAD 23	45	--
SB4	HEAD 27	19	--
SB5	HEAD 16	46	--
SB5	HEAD 17	34	--
SB5	HEAD 33	15	--
SB6	HEAD 6	--	22
SB6	HEAD 8	19	--
SB6	HEAD 34	15	--
SB7	HEAD 7	--	33
SB8	HEAD 20	19	--
SB9	HEAD 12	19	--
SB9	HEAD 19	19	--
SB10	HEAD 18	19	--
SB10	HEAD 36	15	--
SB11	HEAD 37	15	--
SB12	HEAD 2	58	--
SB12	HEAD 3	46	--
SB12	HEAD 4	34	--
SB12	HEAD 35	15	--
SB13	HEAD 15	19	--
SB13	HEAD 38	15	--
SB14	HEAD 28	39	--
SB14	HEAD 29	51	--
SB15	HEAD 21	19	--
SB16	HEAD 25	46	--
SB16	HEAD 26	34	--
SB16	HEAD 39	15	--
SB17	HEAD 1	19	--
SB17	HEAD 30	15	--
SB18	HEAD 13	27	--
SB18	HEAD 14	39	--
SB19	HEAD 5	--	22
PROJECT 2704-00-76 TOTALS		996	77

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PROJECT NUMBER: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET NO:	E

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WISCONN VALLEY WAY & BRAUN ROAD

ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

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LIGHTING WIRE

FROM	TO	655.0320 CABLE TYPE UF 2-10 AWG GROUNDED LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF
CB1	SB3	215	--
SB3	LUMIN (2)	--	288
SB3	SB7	479	--
SB7	LUMIN (2)	--	288
CB1	SB18	282	--
SB18	LUMIN (2)	--	288
SB18	SB14	477	--
SB14	LUMIN (2)	--	288
PROJECT 2704-00-76 TOTALS		1453	1152

ELECTRICAL WIRE TRAFFIC SIGNALS

FROM	TO	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
CB1	SB1	157
SB1	SB2	60
SB2	SB3	227
SB3	SB4	156
SB4	SB5	217
SB5	SB6	57
SB6	SB7	360
SB7	SB8	173
SB8	SB9	92
SB9	SB10	266
SB10	SB11	142
SB11	SB12	58
SB12	SB13	60
SB13	SB14	276
SB14	SB15	158
SB15	SB16	326
SB16	SB17	58
SB17	SB18	285
SB18	SB19	193
SB19	CB1	196
PROJECT 2704-00-76 SUBTOTALS		3517

ELECTRICAL WIRE TRAFFIC SIGNALS (CONTINUED)

FROM	TO	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
PB1	CB1	34
PB2	CB1	75
PB3	SB1	43
PB4	SB3	75
PB5	SB3	39
PB7	SB4	43
PB8	SB5	104
PB10	SB5	41
PB11	SB7	189
PB12	SB7	104
PB13	SB7	52
PB14	SB8	31
PB15	SB9	32
PB16	SB8	101
PB18	SB10	40
PB19	SB12	79
PB20	SB12	45
PB22	SB14	77
PB23	SB14	40
PB24	SB15	48
PB25	SB15	135
PB27	SB16	118
PB28	SB16	42
PB29	SB18	100
PB30	SB18	51
PB31	SB19	61
PB32	CB1	73
PB34	CB1	34
PROJECT 2704-00-76 SUBTOTALS		1906
PROJECT 2704-00-76 TOTALS		5423

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PROJECT NUMBER: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET NO:	E

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WISCONN VALLEY WAY & BRAUN ROAD

ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

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TRAFFIC SIGNAL EVP DETECTOR CABLE

FROM	TO	655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE LF	655.0210 CABLE TRAFFIC SIGNAL 3-14 AWG LF
CB1	SB1 (HEAD A)	201	201
CB1	SB12 (HEAD B)	691	691
CB1	SB16 (HEAD C)	394	394
CB1	SB5 (HEAD D)	380	380
PROJECT 2704-00-76 TOTALS		1666	1666

ELECTRICAL SERVICE METER BREAKER PEDESTAL
BRAUN ROAD & WISCONN VALLEY WAY

BASE NO.	656.0200.301 ELECTRICAL SERVICE METER BREAKER PEDESTAL LS
CB1	1
PROJECT 2704-00-76 TOTAL	1

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

PROJECT NUMBER: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET NO:	E

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CAST BASES, POLES, STANDARDS, MONOTUBE, PUSH BUTTONS, AND LUMINAIRES

SIGNAL BASE NO.	657.0100 PEDESTAL BASES EACH	657.0420 TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	657.0425 TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	657.0430 TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH	SPV.0060.301 STATE FURNISHED POLES TYPE 9 EACH	SPV.0060.302 STATE FURNISHED POLES TYPE 10 EACH	SPV.0060.303 STATE FURNISHED POLES TYPE 12 EACH
SB1	--	--	--	--	--	--	1
SB2	1	1	--	--	--	--	--
SB3	--	--	--	--	--	1	--
SB4	1	1	--	--	--	--	--
SB5	--	--	--	--	1	--	--
SB6	1	--	1	--	--	--	--
SB7	--	--	--	--	--	1	--
SB8	1	1	--	--	--	--	--
SB9	1	1	--	--	--	--	--
SB10	1	1	--	--	--	--	--
SB11	1	--	--	1	--	--	--
SB12	--	--	--	--	--	--	1
SB13	1	1	--	--	--	--	--
SB14	--	--	--	--	--	1	--
SB15	1	1	--	--	--	--	--
SB16	--	--	--	--	1	--	--
SB17	1	1	--	--	--	--	--
SB18	--	--	--	--	--	1	--
SB19	1	--	1	--	--	--	--
PROJECT 2704-00-76 TOTALS	11	8	2	1	2	4	2

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CAST BASES, POLES, STANDARDS, MONOTUBE, PUSH BUTTONS, AND LUMINAIRES (CONTINUED)

SIGNAL BASE NO.	SPV.0060.304 STATE FURNISHED MONOTUBE ARMS 15-FT EACH	SPV.0060.305 STATE FURNISHED MONOTUBE ARMS 20-FT EACH	SPV.0060.306 STATE FURNISHED MONOTUBE ARMS 25-FT EACH	SPV.0060.307 STATE FURNISHED MONOTUBE ARMS 30-FT EACH	SPV.0060.308 STATE FURNISHED MONOTUBE ARMS 40-FT EACH	SPV.0060.309 STATE FURNISHED LUMINAIRE ARMS STEEL 15-FT EACH	658.0500 PEDESTRIAN PUSH BUTTONS EACH	659.1125 LUMINAIRES UTILITY LED C EACH
SB1	--	--	--	--	1	--	1	--
SB2	--	--	--	--	--	--	1	--
SB3	--	--	1	--	--	2	1	2
SB4	--	--	--	--	--	--	--	--
SB5	--	--	1	--	--	--	1	--
SB6	--	--	--	--	--	--	1	--
SB7	1	--	--	--	--	2	1	2
SB8	--	--	--	--	--	--	--	--
SB9	--	--	--	--	--	--	--	--
SB10	--	--	--	--	--	--	--	--
SB11	--	--	--	--	--	--	1	--
SB12	--	--	--	--	1	--	1	--
SB13	--	--	--	--	--	--	1	--
SB14	--	--	--	1	--	2	1	2
SB15	--	--	--	--	--	--	--	--
SB16	--	--	1	--	--	--	1	--
SB17	--	--	--	--	--	--	1	--
SB18	--	1	--	--	--	2	1	2
SB19	--	--	--	--	--	--	--	--
PROJECT 2704-00-76 TOTALS	1	1	3	1	2	8	13	8

WISCONN VALLEY WAY & BRAUN ROAD

ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL AND PEDESTRIAN FACES

SIGNAL HEAD NO.	SIGNAL BASE NO.	658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S 12-INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
1	SB17	1	--	--
2	SB12	1	--	--
3	SB12	1	--	--
4	SB12	1	--	--
5	SB19	--	1	--
6	SB6	--	1	--
7	SB7	--	1	--
8	SB6	1	--	--
9	SB1	1	--	--
10	SB1	1	--	--
11	SB1	1	--	--
12	SB9	1	--	--
13	SB18	1	--	--
14	SB18	1	--	--
15	SB13	1	--	--
16	SB5	1	--	--
17	SB5	1	--	--
18	SB10	1	--	--
19	SB9	1	--	--
20	SB8	1	--	--
21	SB15	1	--	--
22	SB2	1	--	--
23	SB3	1	--	--
24	SB2	1	--	--
25	SB16	1	--	--
26	SB16	1	--	--
27	SB4	1	--	--
28	SB14	1	--	--
29	SB14	1	--	--
30	SB17	--	--	1
31	SB1	--	--	1
32	SB2	--	--	1
33	SB5	--	--	1
34	SB6	--	--	1
35	SB12	--	--	1
36	SB10	--	--	1
37	SB11	--	--	1
38	SB13	--	--	1
39	SB16	--	--	1
PROJECT 2704-00-76 TOTALS		26	3	10

SIGNAL MOUNTING HARDWARE
BRAUN ROAD & WISCONN VALLEY WAY

LOCATION	658.5069.301 SIGNAL MOUNTING HARDWARE LS
BRAUN ROAD & WISCONN VALLEY WAY	1
PROJECT 2704-00-76 TOTAL	1

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WISCONN VALLEY WAY & BRAUN ROAD

ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

3

TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET
BRAUN ROAD & WISCONN VALLEY WAY

LOCATION	SPV.0105.306 TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET LS
BRAUN ROAD & WISCONN VALLEY WAY	1
PROJECT 2704-00-76 TOTAL	1

TRANSPORT AND INSTALL STATE FURNISHED RADAR
VEHICLE DETECTION SYSTEM
BRAUN ROAD & WISCONN VALLEY WAY

LOCATION	SPV.0105.307 TRANSPORT AND INSTALL STATE FURNISHED RADAR VEHICLE DETECTION SYSTEM LS
BRAUN ROAD & WISCONN VALLEY WAY	1
PROJECT 2704-00-76 TOTAL	1

3

TRANSPORT AND INSTALL STATE FURNISHED EMERGENCY VEHICLE
PREEMPTION (EVP) DETECTOR HEADS WITH CONFIRMATION BEACONS
BRAUN ROAD & WISCONN VALLEY WAY

LOCATION	SPV.0105.308 TRANSPORT AND INSTALL STATE FURNISHED EMERGENCY VEHICLE PREEMPTION (EVP) DETECTOR HEADS WITH CONFIRMATION BEACONS LS
BRAUN ROAD & WISCONN VALLEY WAY	1
PROJECT 2704-00-76 TOTAL	1

TRANSPORT AND INSTALL TRAFFIC SIGNAL, MONOTUBE,
AND INTERSECTION LIGHTING MATERIALS
BRAUN ROAD & WISCONN VALLEY WAY

LOCATION	SPV.0105.309 TRANSPORT AND INSTALL TRAFFIC SIGNAL, MONOTUBE, AND INTERSECTION LIGHTING MATERIALS LS
BRAUN ROAD & WISCONN VALLEY WAY	1
PROJECT 2704-00-76 TOTAL	1

PROJECT NUMBER: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET NO:	E

FILE NAME: S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Reference Files\signals\WVW and Braun Quantities.ppt
PLOT DATE : 11/19/2018 4:18:22 PM PLOT BY : KAPUR & ASSOCIATES PLOT SCALE : 1:1

3

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF
CB1 (S51-1464)	CV 101	20
CV 101	CV 558	206
PROJECT 2704-00-76 TOTALS		226

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

COMMUNICATION

ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

3

ELECTRICAL WIRE TRAFFIC SIGNALS

FROM	TO	655.0510 ELECTRICAL WIRE TRAFFIC SIGNALS 12 AWG LF
CB1 (S51-1464)	CV 101	43
CV 101	CV 558	229
PROJECT 2704-00-76 TOTALS		272

VAULTS

BASE NO.	STATION	LOCATION	673.0105 COMMUNICATION VAULT TYPE 1 EACH
CV 101	68BRW+34.53	68.0' LT	1
		PROJECT 2704-00-76 TOTAL	1

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

PROJECT NUMBER: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET NO:	E

FILE NAME: S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WVW\Reference Files\signals\WVW and Braun Quantities.ppt
PLOT DATE : 11/19/2018 4:18:22 PM PLOT BY : KAPUR & ASSOCIATES PLOT SCALE : 1:1

COMMUNICATION

ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

FIBER OPTIC

LOCATION	678.0300* FIBER OPTIC SPLICE EACH
EXCV411	14
EXCV805	4
EXCV123	14
EXCV855-1	4
TOTAL	36

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRANSPORT AND INSTALL STATE FURNISHED FO CABLE PIGTAIL 8-CT
CTH KR & 100TH AVENUE/FOXCONN DRIVEWAY

LOCATION	SPV.0105.310 LS
CB1 (S51-1471)	1
TOTAL	1

SUMMARY OF STATE FURNISHED MATERIALS

QUANTITY	UNIT	DESCRIPTION
128	LF	PATCH PANEL WITH FIBER OPTIC CABLE PIGTAIL 8-CT

TRANSPORT AND INSTALL STATE FURNISHED FO CABLE PIGTAIL 8-CT
CTH H & CTH KR

LOCATION	SPV.0105.311 LS
CB1 (S51-1453)	1
TOTAL	1

SUMMARY OF STATE FURNISHED MATERIALS

QUANTITY	UNIT	DESCRIPTION
124	LF	PATCH PANEL WITH FIBER OPTIC CABLE PIGTAIL 8-CT

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES – COMMUNICATION	SHEET:	E

FILE NAME : I:\66606\WO#01\11003500\Design\Quantities\Traffic_Signals\03_Communication\030243_mq_co.ppt PLOT DATE : 11/27/2018 1:55:06 PM PLOT BY : HNTB PLOT NAME : 030243_mq_co1 PLOT SCALE : 1:1

COMMUNICATION

ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

TRANSPORT AND INSTALL STATE FURNISHED FO CABLE PIGTAIL 8-CT
BRAUN ROAD & FOXCONN DRIVEWAY

LOCATION	SPV.0105.312 LS
CB1 (S51-1469)	1
TOTAL	1

SUMMARY OF STATE FURNISHED MATERIALS

QUANTITY	UNIT	DESCRIPTION
127	LF	PATCH PANEL WITH FIBER OPTIC CABLE PIGTAIL 8-CT

TRANSPORT AND INSTALL STATE FURNISHED FO CABLE PIGTAIL 8-CT
CTH H & BRAUN ROAD

LOCATION	SPV.0105.313 LS
CB1 (S51-1470)	1
TOTAL	1

SUMMARY OF STATE FURNISHED MATERIALS

QUANTITY	UNIT	DESCRIPTION
404	LF	PATCH PANEL WITH FIBER OPTIC CABLE PIGTAIL 8-CT

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES – COMMUNICATION	SHEET:	E

FILE NAME : I:\66606\WO#01\11003500\Design\Quantities\Traffic_Signals\03_Communication\030243_mq_co.ppt PLOT DATE : 11/27/2018 1:55:06 PM PLOT BY : HNTB PLOT NAME : 030243_mq_co2 PLOT SCALE : 1:1

ITS CONDUIT

CATEGORY	ROADWAY	ITEM ID	LINEAR DISTANCE	671.0122 CONDUIT HDPE 2-DUCT 2-INCH LF	655.0510 ELECTRICAL WIRE TRAFFIC SIGNALS 12 AWG LF
4000	WISCONN VALLEY WAY				
		CV502 - CV513	1175	1,175	1,184
		CV513 - CV525	1200	1,200	1,209
		CV525 - CV537	1175	1,175	1,184
		CV537 - CV549	1160	1,160	1,169
		CV549 - CV555	690	690	699
		CV555 - CV558	250	250	259
		CV555 - EXCV71	125	125	134
		CV558 - CV570	1245	1,245	1,254
		CV570 - CV582	1155	1,155	1,164
		CV582 - CV594	1220	1,220	1,229
		CV594 - CV605	1160	1,160	1,169
		TOTALS		10,555	10,654

ITS COMMUNICATION VAULTS

CATEGORY	ROADWAY	ITEM ID	673.0105 COMMUNICATION VAULT TYPE 1 EACH	673.0200 TRACER WIRE MARKER POSTS EACH
4000	WISCONN VALLEY WAY			
		CV502	1	1
		CV513	1	1
		CV525	1	1
		CV537	1	1
		CV549	1	1
		CV555	1	1
		CV558	1	1
		CV570	1	1
		CV582	1	1
		CV594	1	1
		CV605	1	1
	TOTALS		11	11

SUMMARY OF SLACK IN VAULTS	
CABLE OR WIRE	**VAULT**
GROUND / TRACER WIRE (NO. 12)	9-FT
FIBER OPTIC CABLE	100-FT

ITS FIBER

CATEGORY	ROADWAY	ITEM ID	LINEAR DISTANCE	678.0072 INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 72-CT LF
4000	WISCONN VALLEY WAY			
		EXCV376 - EXCV3746L	150	250
		EXCV376L - CV502	115	215
		CV502 - CV513	1175	1,275
		CV513 - CV525	1200	1,300
		CV525 - CV537	1175	1,275
		CV537 - CV549	1160	1,260
		CV549 - CV555	690	790
		CV555 - CV558	250	350
		CV555 - EXCV71	125	225
		CV558 - CV570	1245	1,345
		CV570 - CV582	1155	1,255
		CV582 - CV594	1220	1,320
		CV594 - CV605	1160	1,260
		CV605 - EXCV159	95	195
		SUBTOTAL		12,315
4000	BRAUN ROAD			
		CV555 - EXCV71	125	225
		EXCV71 - EXCV88	1645	1,745
		EXCV88 - EXCV99	1190	1,290
		EXCV99 - EXCV101	200	300
		EXCV101 - EXCV112	1050	1,150
		EXCV112 - EXCV123	1100	1,200
		EXCV123 - EXCV133	1000	1,100
		EXCV133 - EXCV141	875	975
		EXCV141 - EXCV143	200	300
		EXCV143 - EXCV150	630	730
		EXCV150 - EXCV855-1	520	620
		SUBTOTAL		9,635
4000	CTH KR			
		EXCV01N - EXCV01S	610	710
		EXCV01S - EXCV02	350	450
		EXCV02 - EXCV364	250	350
		EXCV364 - EXCV370	610	710
		EXCV370 - EXCV374	350	450
		EXCV374 - EXCV376	250	350
		EXCV376 - EXCV389	680	780
		EXCV389 - EXCV402	1305	1,405
		EXCV402 - EXCV410	775	875
		EXCV410 - EXCV411	140	240
		EXCV411 - EXCV424	1290	1,390
		EXCV424 - EXCV437	1300	1,400
		EXCV437 - EXCV447	1000	1,100
		EXCV447 - EXCV803	275	375
		EXCV803 - EXCV805	180	280
		SUBTOTAL		10,865
		TOTAL		32,815

3

3

ITS COMMUNICATIONS

CATEGORY	ROADWAY	ITEM ID	678.0300 FIBER OPTIC SPLICE EACH
4000			
	IH 94 AND CTH KR	EXCV01N	4
	CTH KR AND WISCONN VALLEY WAY	EXCV376	14
	WISCONN VALLEY WAY AND BRAUN ROAD	CV555	16
	WISCONN VALLEY WAY AND STH 11	EXCV159	2
			36

ITS EQUIPMENT

CATEGORY	ROADWAY	ITEM ID	LOCATION	677.0200 INSTALL CAMERA ASSEMBLY EACH
4000				
	WISCONN VALLEY WAY AND BRAUN ROAD	CCTV-51-0231	SB18	1
		TOTALS	TOTALS	1

MISCELLANEOUS ITS ITEMS

CATEGORY	ITEM I.D.	670.0100.001 FIELD SYSTEM INTEGRATOR FTMS LS	670.0200.001 ITS DOCUMENTATION FTMS LS	678.0500.001 FIELD COMMUNICATION SYSTEM TESTING FTMS LS
4000	MISCELLANEOUS	1	1	1
	TOTAL	1	1	1

3

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET:	E

3

LIGHTING AND MISCELLANEOUS - FINAL

CATEGORY	DESCRIPTION	LOCATION	653.0135 PULL BOXES STEEL 24x36- INCH EACH	654.0105 CONCRETE BASES TYPE 5 EACH	654.0230 CONCRETE CONTROL CABINET BASES TYPE L30 EA	657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE (NOTE 1) EACH
5000	PULLBOX PB-KW6	STA. 505+23.66, 52.94' RT	1	--	--	--
	BASE KW-21	STA. 505+23.28, 6,77' RT	--	1	--	1
	BASE KW-22	STA. 505+45.37, 0.00' LT	--	1	--	1
	BASE KW-23	STA. 507+68.28, 0.00' LT	--	1	--	1
	BASE KW-24	STA. 509+91.39, 0.00' LT	--	1	--	1
	BASE KW-25	STA. 512+12.28, 0.00' LT	--	1	--	1
	BASE KW-26	STA. 514+36.81, 0.00' LT	--	1	--	1
	BASE KW-27	STA. 516+61.88, 0.00' LT	--	1	--	1
	BASE KW-28	STA. 518+85.78, 0.00' LT	--	1	--	1
	BASE KW-29	STA. 521+09.06, 0.00' LT	--	1	--	1
	BASE KW-30	STA. 523+32.14, 0.00' LT	--	1	--	1
	BASE KW-31	STA. 525+56.52, 0.00' LT	--	1	--	1
	BASE KW-32	STA. 527+77.66, 0.00' LT	--	1	--	1
	BASE KW-33	STA. 529+99.82, 0.00' LT	--	1	--	1
	BASE KW-34	STA. 532+22.04, 0.00' LT	--	1	--	1
	BASE BW-16	STA. 534+43.64, 0.00' LT	--	1	--	1
	BASE BW-15	STA. 536+66.20, 0.00' LT	--	1	--	1
	BASE BW-14	STA. 538+89.55, 0.00' LT	--	1	--	1
	BASE BW-13	STA. 541+13.88, 0.00' LT	--	1	--	1
	BASE BW-12	STA. 543+24.52, 0.00' LT	--	1	--	1
	BASE BW-11	STA. 545+41.50, 0.00' LT	--	1	--	1
	BASE BW-10	STA. 547+48.52, 0.00' LT	--	1	--	1
	BASE BW-9	STA. 549+60.16, 0.00' LT	--	1	--	1
	BASE BW-8	STA. 551+66.83, 0.00' LT	--	1	--	1
	BASE BW-7	STA. 553+78.60, 18.59' LT	--	1	--	1
	PULL BOX PB-BW8	STA. 553+81.58, 77.98' RT	1	--	--	--
	PULL BOX PB-BW7	STA. 70BRE+93.77, 66.23' RT	1	--	--	--
	PULL BOX PB-BW6	STA. 70BRE+94.37, 6.37' LT	1	--	--	--
	PULL BOX PB-BW5	STA. 70BRE+88.18, 133.82' LT	1	--	--	--
	LCC-BW CONCRETE BASE	STA. 557+89.78, 112.20' RT	--	--	1	--
	PULL BOX PB-BW4	STA. 558+18.79, 66.84' RT	1	--	--	--
	PULL BOX PB-BW3	STA. 558+17.55, 12.09' RT	1	--	--	--
	PULL BOX PB-BW2	STA. 558+15.34, 86.06' LT	1	--	--	--
	PULL BOX PB-BW1	STA. 66BRE+81.75, 89.50' LT	1	--	--	--
	BASE BW-6	STA. 66BRE+79.83, 40.56' LT	--	1	--	1

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(CONTINUED)

LIGHTING AND MISCELLANEOUS - FINAL

CATEGORY	DESCRIPTION	LOCATION	653.0135 PULL BOXES STEEL 24x36- INCH EACH	654.0105 CONCRETE BASES TYPE 5 EACH	654.0230 CONCRETE CONTROL CABINET BASES TYPE L30 EA	657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE (NOTE 1) EACH
	BASE BW-5	STA. 64BRE+49.73, 28.45' LT	--	1	--	1
	BASE BW-4	STA. 63BRE+0.44, 27.04' LT	--	1	--	1
	BASE BW-3	STA. 61BRE+10.99, 25.76' LT	--	1	--	1
	BASE BW-2	STA. 59BRE+21.28, 23.98' LT	--	1	--	1
	BASE BW-1	STA. 57BRE+31.96, 16.82' LT	--	1	--	1
	BASE BW-53	STA. 55BRE+42.21, 06.73' LT	--	1	--	1
	BASE BW-41	STA. 559+55.21, 12.48' RT	--	1	--	1
	BASE BW-42	STA. 561+61.95, 5.00' RT	--	1	--	1
	BASE BW-43	STA. 563+72.74, 0.00' LT	--	1	--	1
	BASE BW-44	STA. 565+83.96, 0.00' LT	--	1	--	1
	BASE BW-45	STA. 567+94.96, 0.00' LT	--	1	--	1
	BASE BW-46	STA. 570+05.96, 0.00' LT	--	1	--	1
	BASE BW-47	STA. 572+17.05, 0.00' LT	--	1	--	1
	BASE BW-48	STA. 574+35.00, 0.00' LT	--	1	--	1
	BASE BW-49	STA. 576+39.71, 0.00' LT	--	1	--	1
	BASE BW-50	STA. 578+45.00, 0.00' LT	--	1	--	1
	BASE BW-51	STA. 580+62.37, 0.00' LT	--	1	--	1
	BASE BW-52	STA. 582+73.43, 0.00' LT	--	1	--	1
	BASE DW-31	STA. 584+84.43, 0.00' LT	--	1	--	1
	BASE DW-30	STA. 586+95.48, 0.00' LT	--	1	--	1
	BASE DW-29	STA. 589+06.48, 0.00' LT	--	1	--	1
	BASE DW-28	STA. 591+17.48, 0.00' LT	--	1	--	1
	BASE DW-27	STA. 593+29.03, 0.00' LT	--	1	--	1
	BASE DW-26	STA. 595+39.78, 0.00' LT	--	1	--	1
	BASE DW-25	STA. 597+50.94, 0.00' LT	--	1	--	1
	BASE DW-24	STA. 599+62.09, 0.00' LT	--	1	--	1
	BASE DW-23	STA. 601+73.24, 0.00' LT	--	1	--	1
	BASE DW-22	STA. 603+84.17, 5.34' LT	--	1	--	1
5000		TOTAL	9	53	1	53

NOTES

1. 1/8" ALUMINUM OR STEEL PLATE TO COVER THE TOP OPENING OF THE TRANSFORMER BASE.
COVER TO BE BOLTED DOWN. COVER TO PREVENT WATER FROM ENTERING THE TRANSFORMER BASE.
COST OF COVER TO BE INCIDENTAL TO THE COST OF THE TRANSFORMER BASE.
2. NO POLES, ARMS, LUMINAIRES, WIRING NOR LIGHTING CONTROL CABINETS FURNISHED UNDER THIS CONTRACT

FILE NAME:S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\PS&E\27040076-WVW\Draft PSE\Lighting\27040076_MQ Lighting.ppt
ORIGINATOR: Dennis Fleischfresser
ORIG. DATE: July 31, 2018
PLOTTED DATE: 11/28/2018 11:15 AM

3

LIGHTING - WIRE AND CONDUIT - FINAL

CATEGORY	FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2 -INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3 -INCH LF
5000	STUB	PB-KW6	178	--
	PB-KW6	BASE KW-21	--	52
	BASE KW-21	BASE KW-22	245	--
	BASE KW-22	BASE KW-23	250	--
	BASE KW-23	BASE KW-24	252	--
	BASE KW-24	BASE KW-25	250	--
	BASE KW-25	BASE KW-26	256	--
	BASE KW-26	BASE KW-27	253	--
	BASE KW-27	BASE KW-28	254	--
	BASE KW-28	BASE KW-29	253	--
	BASE KW-29	BASE KW-30	250	--
	BASE KW-30	BASE KW-31	255	--
	BASE KW-31	BASE KW-32	251	--
	BASE KW-32	BASE KW-33	255	--
	BASE KW-33	BASE KW-34	258	--
	BASE KW-34	BASE BW-16	253	--
	BASE BW-16	BASE BW-15	251	--
	BASE BW-15	BASE BW-14	255	--
	BASE BW-14	BASE BW-13	256	--
	BASE BW-13	BASE BW-12	250	--
	BASE BW-12	BASE BW-11	253	--
	BASE BW-11	BASE BW-10	241	--
	BASE BW-10	BASE BW-9	233	--
	BASE BW-9	BASE BW-8	241	--
	BASE BW-8	BASE BW-7	231	--
	BASE BW-7	PB-BW8	--	102
	PB-BW8	PB-BW7	--	226
	PB-BW7	PB-BW6	--	73
	PB-BW6	STUB	88	--
	PB-BW6	PB-BW5	--	128
	PB-BW6	PB-BW5	--	128
	PB-BW5	LCC-BW	--	40
	PB-BW5	LCC-BW	--	40
	LCC-BW	PB-BW4	--	60
	LCC-BW	PB-BW4	--	60

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(CONTINUED)

LIGHTING - WIRE AND CONDUIT - FINAL

CATEGORY	FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2 -INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3 -INCH LF
	PB-BW4	PB-BW3	--	60
	PB-BW4	PB-BW3	--	60
	PB-BW3	PB-BW2	--	104
	PB-BW2	PB-BW1	--	220
	PB-BW1	BASE BW-6	--	56
	BASE BW-6	BASE BW-5	201	--
	BASE BW-5	BASE BW-4	222	--
	BASE BW-4	BASE BW-3	221	--
	BASE BW-3	BASE BW-2	218	--
	BASE BW-2	BASE BW-1	213	--
	BASE BW-1	BASE BW-53	202	
	PB-BW3	BASE BW-41	146	--
	BASE BW-41	BASE BW-42	231	--
	BASE BW-42	BASE BW-43	241	--
	BASE BW-43	BASE BW-44	238	--
	BASE BW-44	BASE BW-45	241	--
	BASE BW-45	BASE BW-46	241	--
	BASE BW-46	BASE BW-47	243	--
	BASE BW-47	BASE BW-48	244	--
	BASE BW-48	BASE BW-49	242	--
	BASE BW-49	BASE BW-50	243	--
	BASE BW-50	BASE BW-51	246	--
	BASE BW-51	BASE BW-52	243	--
	BASE BW-52	BASE DW-31	241	--
	BASE DW-31	BASE DW-30	240	--
	BASE DW-30	BASE DW-29	242	--
	BASE DW-29	BASE DW-28	241	--
	BASE DW-28	BASE DW-27	240	--
	BASE DW-27	BASE DW-26	238	--
	BASE DW-26	BASE DW-25	237	--
	BASE DW-25	BASE DW-24	238	--
	BASE DW-24	BASE DW-23	238	--
	BASE DW-23	BASE DW-22	237	--
	BASE DW-22	STUB	159	--
5000		TOTALS	12639	1409

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
2704-00-06	4.01	
FEDERAL PROJECT NUMBER		

PLAT OF RIGHT-OF-WAY REQUIRED FOR

WISCONN VALLEY WAY

(CTH KR/1ST STREET - STH 11/DURAND AVENUE)

STATE HIGHWAY — RACINE CO.

CONSTRUCTION PROJECT NUMBER
2704-00-76

CONVENTIONAL SYMBOLS

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

- SECTION CORNER SYMBOL
- SECTION CORNER MONUMENT
- GEODETIC SURVEY MONUMENT
- SIXTEENTH CORNER MONUMENT
- SIGN — SIGN
- R/W MONUMENT (TO BE SET)
- NON-MONUMENTED R/W POINT
- FOUND IRON PIN (1-INCH UNLESS NOTED) — IP
- OFF-PREMISE SIGN — #1-25 — SIGN

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)		

- ACCESS RESTRICTED BY ACQUISITION
- NO ACCESS (BY STATUTORY AUTHORITY)
- ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
- NO ACCESS (NEW HIGHWAY)
- PARCEL NUMBER (25) — UTILITY NUMBER (40)
- PARALLEL OFFSETS

CONVENTIONAL ABBREVIATIONS

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

CURVE DATA

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

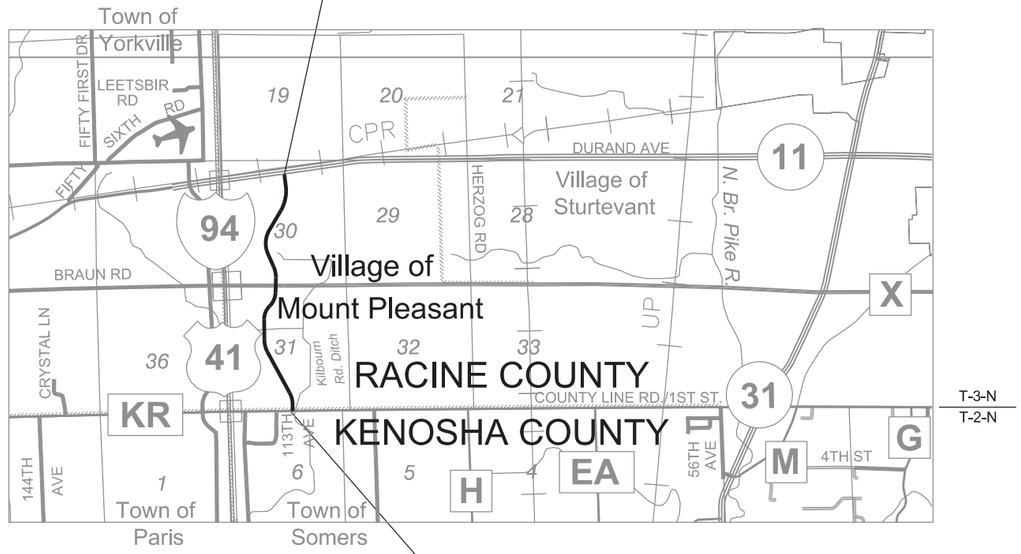
CONVENTIONAL UTILITY SYMBOLS

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

END RELOCATION ORDER

STA. 605+65.96

678.57 FEET SOUTH AND 161.59 FEET WEST OF THE NORTH 1/4 CORNER OF SECTION 30 T3N - R22E
Y=174971.62
X=569454.15



BEGIN RELOCATION ORDER

STA. 501+25.00

189.62 FEET NORTH AND 107.59 FEET EAST OF THE SOUTH 1/4 CORNER OF SECTION 31 T3N - R22E
Y=165219.74
X=596789.43

N

LAYOUT

SCALE 0 — 1 MI.

TOTAL NET LENGTH OF CENTERLINE: 1.997 MILES

NOTES;

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) RACINE COUNTY NAD 83 (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 (TYPICAL 3/4 " REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT BY WISCONSIN DOT SOUTHEAST REGION SURVEY.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS.

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

THE HIGH ACCURACY REFERENCE NETWORK (HARN) POINTS USED ON PROJECT WERE:
1) MOUNT PLEASANT GPS
2) YORKVILLE E. GPS

WISCONSIN
KURT E. KRUGER
S-1946
CASCADE, WI
LAND SURVEYOR

November 29, 2018

REVISION DATE	VILLAGE OF MOUNT PLEASANT
	APPROVED BY:
	DATE: _____ (Signature)

E

FILE NAME : S:\DOT\DOT_SE\180049_Foxxconn_roads_data-collection\Survey\Plats\2704-00-06-WVW\CDS\040401_RT.dgn
APPRAISAL PLAT DATE :

PLOT DATE : 11/29/2018 PLOT BY : kkruger PLOT NAME : PLOT SCALE : 1:3200

SCHEDULE OF LANDS & INTERESTS REQUIRED

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

* DENOTES AREA COMPUTED

PROJECT FUNDING I.D.	PARCEL NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	TOTAL ACRES	R/W REQUIRED (ACRES) NEW	EXISTING	TOTAL	TOTAL REMAINING ACRES	TLE ACRES	PLE ACRES	PARCEL NUMBER
1320-25-00	865	4.04, 4.05, 4.06, 4.07	VILLAGE OF MOUNT PLEASANT	FEE, PLE, TLE	VAST	51.837	0	51.837	VAST	0.465	8.55	865

PROJECT FUNDING I.D.	UTILITY NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	UTILITY NUMBER
1320-25-00	900	4.04, 4.05, 4.06	WE ENERGIES - ELEC	ROR	900
1320-25-00	901	4.05	WE ENERGIES - GAS	ROR	901
1320-25-00	903	4.06	ATT WISCONSIN	ROR	903

4

4

REVISION DATE	DATE: 11/29/18	SCALE, FEET 0 N/A	WISCON VALLEY WAY	STATE R/W PROJECT NUMBER 2704-00-06	PLAT SHEET 4.02	
			COUNTY: RACINE	CONSTRUCTION PROJECT NUMBER 2704-00-76	PS&E SHEET	E

FILE NAME : S:\DOT\DOT_SE\180049_Foxxconn_roads_data-collection\Survey\Plats\2704-00-06-WVW\CDS\040402_RS.dgn PLOT DATE : 11/29/2018 PLOT BY : kkruger PLOT NAME : PLOT SCALE : 1:200

WISDOT/CADDS SHEET 70

T-3-N
T-2-N
SECTION 36
SECTION 25
N
TOWN OF PARIS
TOWN OF YORKVILLE
CTH KR/CNTY LINE RD./1ST ST.
60TH RD./BRAUN RD.
4
4
R-21-E
R-22-E
IH-94
NW-NW
SW-SW
NW-SW
SW-NW
NW-NW
SW-SW
NW-SW
SW-NW
NW-NW
SW-SW
VILLAGE OF MT PLEASANT
865
KENOSHA COUNTY
RACINE COUNTY
NE-NW
SE-SW
NE-SW
SE-NW
NE-NW
SE-SW
NE-SW
SE-NW
NE-NW
SE-SW
530
540
520
550
560
570
580
590
600
510
SECTION 31
SECTION 30
STH 11/DURAND AVE.
TOWN OF SOMERS
SHEET 4.04
SHEET 4.05
SHEET 4.06
SHEET 4.07
PL
SW-SE
NW-SE
SW-NE
NW-NE
SW-SE
NW-SE
SW-NE
NW-NE
SE-SW
BEGIN RELOCATION
STA 501+25.00
END RELOCATION
STA 605+65.96

REVISION DATE	DATE: 11/29/18	SCALE, FEET 0 400 800	WISCON VALLEY WAY	STATE R/W PROJECT NUMBER 2704-00-06	PLAT SHEET 4.03
			COUNTY: RACINE	CONSTRUCTION PROJECT NUMBER 2704-00-76	PS&E SHEET E

FILE NAME : S:\DOT\DOT_SE\180049_Foxxconn_roads_data-collection\Survey\Plats\2704-00-06-WVW\CDS\040403_RL.dgn PLOT DATE : 11/29/2018 PLOT BY : kkruger PLOT NAME : PLOT SCALE : 1:800

WISDOT/CADDS SHEET 70

HWY	BASIS OF EXISTING R/W AND ACCESS CONTROL	YEAR	WIDTH
CTH KR	RC112117	2018	191

GN

1/16 TH LINE

TOWN OF SOMERS

NE-NW

65

191'

CONCRETE MONUMENT W/ BRASS CAP
Y=165034.18
X=596404.64
CLOSING CORNER

WIS GAS & ELEC CO.
EASEMENT DOC. NO. 469130 - 1970
NO WIDTH GIVEN

CAST IRON MONUMENT W/ BRASS CAP
Y=165030.12
X=596681.84

70

CTH KR/CNTY LINE RD./1ST ST.

277.23' N89°9'35"W

501+25.01 PRW601 110.00'

BEGIN RELOCATION ORDER
STA. 501+25.00
Y=165219.74
X=596789.43

108.73' N0°44'36"E

PC 502+33.74 PRW623 110.00'

3.15' N89°9'35"W

191.02' N0°13'30"E

26.09' N89°15'24"W

105.13'

500

234.74' N0°44'36"E

216.85'

108.74' N0°44'36"E

500+00.00

2553.88' S89°15'24"E

PRW779 501+25.00 110.00'

PRW778 PC 502+33.74 110.00'

234.39'

PLE791 501+75.00 344.39'

PLE792 501+25.00 344.39'

PLE745 501+75.00 363.61'

PLE RC112117

191'

KENOSHA COUNTY

CONCRETE MONUMENT W/ BRASS CAP
Y=164999.81
X=599017.90

865
MT. PLEASANT

SE-SW

CURVE 1
PI STA.505+17.05
Y : 165611.75
X : 596794.52
DELTA = 29°05'18"
D = 5°14'49"
T = 283.31'
L = 554.39
R = 1092.00
PC = STA. 502+33.74
PT = STA. 507+88.13

PT 507+88.13 110.00' PRW610

110'

505

CURVE 1

PC 502+33.74

PT 507+88.13

L = 498.55
R = 982.00
LC = 493.21
LCB = N 13°48'03" W

510

110'

CURVE 8
DETENTION POND
CSM NO. 1716-5-246

S89°26'33"E

260.05'

503+52.11 110.00' PLE739

503+31.70 368.87' PLE740

L1 189.62' S0°33'27"W

191'

L = 610.24
R = 1202.00
LC = 603.71
LCB = S 13°48'03" E

865
MT. PLEASANT

SW-SE

	DISTANCE	BEARING
L1	50.00'	N0°44'40"E
L2	19.22'	S89°15'24"E

RACINE COUNTY

900 WE ENERGIES - ELECTRIC
LAND RIGHTS IN EXISTING
R/W - DOC. NO. 469130

VILLAGE OF MOUNT PLEASANT

420'

95'

1973.53' N28°20'42"W

WISCONN VALLEY WAY

520

515

1973.53' S28°20'42"E

525

PRW611 PC 527+61.66 110.00'

L = 584.13
R = 1202.00
LC = 578.40
LCB = N 14°25'23" W

1413.23'

1531.76'

CONCRETE MONUMENT W/ SEWRPC ALUM CAP
Y=167731.39
X=594140.50

CURVE 2

239.26'

PC 527+61.66

PC527+61.66 PRW618 110.00'

2552.12' S89°3'40"E TOTAL

CURVE 2
PI STA.530+32.34
Y : 167836.24
X : 595594.51
DELTA = 27°50'37"
D = 5°14'49"
T = 270.68'
L = 530.67
R = 1092.00
PC STA.527+61.66
Y : 167598.00
X : 595723.02
PT STA.532+92.33
Y : 168106.91
X : 595592.14

L = 477.22
R = 982.00
LC = 472.53
LCB = S 14°25'23" E

865
MT. PLEASANT

NE-SW

95'

895'

VILLAGE OF MOUNT PLEASANT

2659.47' S0°13'30"W PL

CAST IRON MONUMENT W/ BRASS CAP
Y=167689.57
X=596692.28

CURVE 8
L = 130.29
R = 1202.00
LC = 130.23
LCB = N 02°21'43" W

NW-SE

4

4

REVISION DATE	DATE: 11/29/18	SCALE, FEET 0 100 200	WISCON VALLEY WAY	STATE R/W PROJECT NUMBER 2704-00-06	PLAT SHEET 4.04	
			COUNTY: RACINE	CONSTRUCTION PROJECT NUMBER 2704-00-76	PS&E SHEET	E

FILE NAME : S:\DOT\DOT_SE\180049_Foxxconn_roads_data-collection\Survey\Plats\2704-00-06-WVW\CDS\040404_RP.dgn PLOT DATE : 11/29/2018 PLOT BY : kkruger PLOT NAME : PLOT SCALE : 1:200

CONCRETE MONUMENT W/ SEWRPC ALUM CAP Y=167731.39 X=594140.50

CAST IRON MONUMENT W/ SEWRPC BRASS CAP Y=170399.04 X=594126.81

CAST IRON MONUMENT W/ BRASS CAP Y=167689.57 X=596692.28

CAST IRON MONUMENT W/ BRASS CAP Y=170341.77 X=596664.43

(900) WE ENERGIES - ELECTRIC LAND RIGHTS IN EXISTING R/W - DOC. NO. 437410

(901) WE ENERGIES - GAS LAND RIGHTS IN EXISTING R/W - DOC. NO. 437410

FRAC'L SW-NW

FRAC'L NW-NW

VILLAGE OF MOUNT PLEASANT

MT. PLEASANT (865)

SE-NW

SW-NE

NE-NW

NW-NE

1/16 TH LINE

DETENTION POND

STATE OF WISCONSIN 841.59' N0°30'5"W

DOC #2500007

WISCONN VALLEY WAY

60TH RD./BRAUN RD.

PRW671 PC 541+33.92 110.00'

PLE937 541+33.92 313.38'

PLE927 540+64.68 313.38'

PLE926 540+64.68 110.00'

PRW907/ERW904 539+00.00 110.00', 164.16'

PRW875/ERW903 537+00.00 110.00', 164.16'

PRW613 PT 532+92.33 110.00'

PRW876/ERW906 537+00.00 110.00', 180.00'

PRW908/ERW905 539+00.00 110.00', 180.00'

PRW670 541+33.92 110.00'

PRW616 PT 532+92.33 110.00'

PLE928/PLE929 545+75.00 110.00', 313.38'

PRW710 555+70.12 451.66'

PRW760 555+58.12 451.65'

TLE774 555+45.12 451.66'

PRW699 555+58.12 178.10'

TLE??? 555+45.12 181.79'

PRW700 554+91.56 124.77'

PRW704 553+86.69 110.00'

PRW701 PRC 547+86.98 110.00'

PRW692 PRC 547+86.98 110.00'

PRW693 551+00.67 110.00'

PRW694 552+63.71 135.00'

PRW703 554+14.35 135.00'

PRW695 554+78.41 135.00'

TLE690 555+45.12 275.42'

PRW696 555+58.12 208.06'

TLE656 555+45.12 595.44'

PRW605 555+58.12 595.01'

PRW606 555+70.14 594.62'

PT 554+14.35

L = 584.13
R = 1202.00
LC = 578.40
LCB = N 14°25'23" W

L = 477.22
R = 982.00
LC = 472.53
LCB = S 14°25'23" E

L = 609.65
R = 1133.38
LC = 602.32
LCB = N 14°54'30" E

L = 175.44
R = 955.00
LC = 175.19
LCB = S 6°33'21" W

CURVE 2
PI STA.530+32.34
Y : 167836.24
X : 595594.51
DELTA = 27°50'37"
D = 5°14'49"
T = 270.68'
L = 530.67
R = 1092.00
PC STA.527+61.66
Y : 167598.00
X : 595723.02
PT STA.532+92.33
Y : 168106.91
X : 595592.14

CURVE 3
PI STA.544+78.88
Y : 169293.41
X : 595581.76
DELTA = 45°37'51"
D = 6°59'14"
T = 344.95'
L = 653.05
R = 820.00
PC STA.541+33.92
Y : 168948.47
X : 595584.78
PRC STA.547+86.98
Y : 169536.78
X : 595826.23

CURVE 4
PI STA.551+16.92
Y : 169769.56
X : 596060.06
DELTA = 43°50'12"
D = 6°59'14"
T = 329.94'
L = 627.38
R = 820.00
PRC STA.547+86.98
Y : 169536.78
X : 595826.23
PT STA.554+14.35
Y : 170099.41
X : 596067.50

CURVE 10
L = 740.66
R = 930.00
LC = 721.24
LCB = N 22°18'51" E

CURVE 11
L = 500.24
R = 930.00
LC = 494.24
LCB = S 14°54'30" W

CURVE 12
L = 565.45
R = 710.00
LC = 550.62
LCB = S 22°18'51" W

CURVE 13
L = 355.77
R = 930.00
LC = 353.60
LCB = S 34°10'13" W

CURVE 14
L = 240.41
R = 930.00
LC = 239.74
LCB = N37°43'25"E

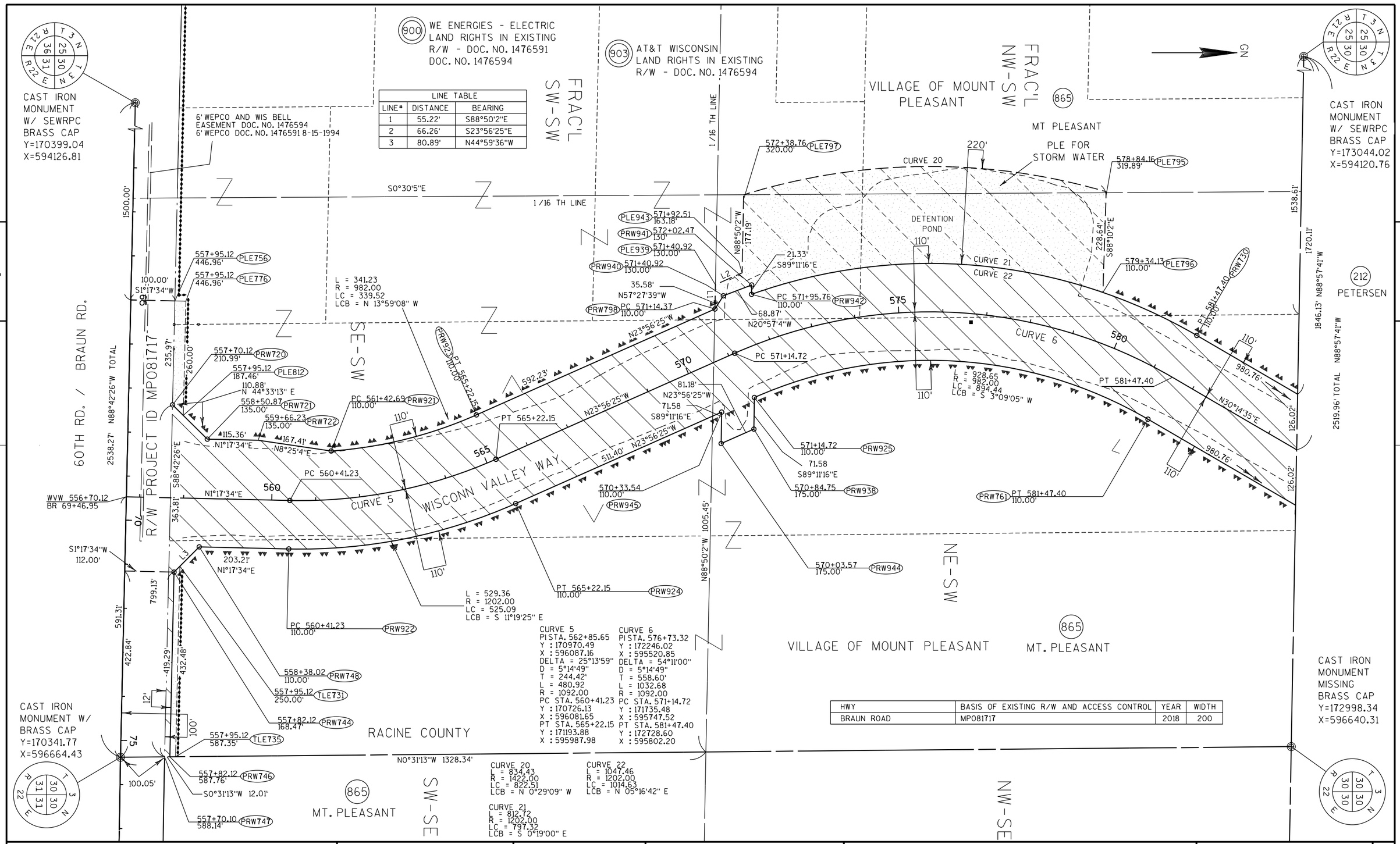
CURVE 15
L = 519.27
R = 710.00
LC = 507.77
LCB = N 24°10'39" E

HWY	BASIS OF EXISTING R/W AND ACCESS CONTROL	YEAR	WIDTH
BRAUN ROAD	MP081717	2018	200
WISCON VALLEY WAY	DOC #2500007	2018	344.16

REVISION DATE	DATE: 11/29/18	SCALE, FEET 0 100 200	WISCON VALLEY WAY
			COUNTY: RACINE
STATE R/W PROJECT NUMBER 2704-00-06	PLAT SHEET 4.05		
CONSTRUCTION PROJECT NUMBER 2704-00-76	PS&E SHEET E		

FILE NAME : S:\DOT\DOT_SE\180049_Foxxconn_roads_data-collection\Survey\Plats\2704-00-06-WVW\CDS\040405_RP.dgn PLOT DATE : 11/29/2018 PLOT BY : kkruger PLOT NAME : PLOT SCALE : 1:200

WISDOT/CADDS SHEET 70



REVISION DATE	DATE: 11/29/18	SCALE, FEET 0 100 200	WISCON VALLEY WAY	STATE R/W PROJECT NUMBER 2704-00-06	PLAT SHEET 4.06	
			COUNTY: RACINE	CONSTRUCTION PROJECT NUMBER 2704-00-76	PS&E SHEET	E

FILE NAME : S:\DOT\DOT_SE\180049_Foxxconn_roads_data-collection\Survey\Plats\2704-00-06-WVW\CDS\040406_RP.dgn PLOT DATE : 11/29/2018 PLOT BY : kkruger PLOT NAME : PLOT SCALE : 1:200

WISDOT/CADDS SHEET 70

CAST IRON MONUMENT W/ SEWRPC BRASS CAP
Y=173044.02
X=594120.76

CONCRETE MONUMENT W/ SEWRPC ALUM CAP
Y=175696.15
X=594117.87

CAST IRON MONUMENT MISSING BRASS CAP
Y=172998.34
X=596640.31

CAST IRON MONUMENT W/ BRASS CAP
Y=175650.19
X=596615.74

GN

865 MT. PLEASANT

865 MT PLEASANT

865 MT PLEASANT

SE-NW

NE-NW

SW-NE

NW-NE

1/16 TH LINE

WISCONN VALLEY WAY

PROJECT ID 1320-23-00

END RELOCATION ORDER
STA 605+65.96
Y=174711.62
X=596454.15

CURVE 7
PI STA. 596+65.92
Y : 174040.45
X : 596567.04
DELTA = 37°09'20"
D = 3°34'52"
T = 537.77'
L = 1037.58
R = 1600.00
PC STA. 591+28.16
Y : 173575.87
X : 596296.18
PT STA. 601+65.73
Y : 174574.31
X : 596502.31

TOTAL: 2519.96' N88°57'41"W

1846.13' N88°57'41"W
126.02'
126.02'
45.83'
114.56'
673.83' N88°57'41"W
387.42'

S30°14'35"W 980.76'
S30°14'35"W 980.76'
N30°14'35"E
40'
2180'

PC 591+28.16
110.00'
PRW655

PC 591+28.16
110.00'
PRW600

PC 591+28.61

R = 966.24
LC = 949.40
LCB = N 11°39'55" E
110'

L = 1108.91
R = 1710.00
LC = 1089.58
LCB = S 11°39'55" W
110'

2651.96' NO°31'51"W

PRW659 PT 601+65.73
110.00'

PRW661 PT 596+61.12
110.00'

PRW758 605+65.96
150.00'

56.57'
N51°54'54"W

PRW659 605+25.96
110.00'

360.23' N6°54'45"W

PT 601+65.73

300.00'

N83°5'13"E

PRW757 605+65.96
150.00'

360.23' N6°54'45"W

18.92'
N83°5'41"E

PRW660 596+85.20
250.00'

56.57' S38°5'15"W

658.27'

721.78' N83°5'15"E

595
590
585
600
605
265
270
275
280

HWY	BASIS OF EXISTING R/W AND ACCESS CONTROL	YEAR	WIDTH
STH 11	1320-23-00	2018	200

VILLAGE OF MOUNT PLEASANT

RACINE COUNTY

STH 11/DURAND AVE.

REVISION DATE	DATE: 11/29/18	SCALE, FEET 0 100 200	WISCON VALLEY WAY	STATE R/W PROJECT NUMBER 2704-00-06	PLAT SHEET 4.07
			COUNTY: RACINE	CONSTRUCTION PROJECT NUMBER 2704-00-76	PS&E SHEET E

FILE NAME : S:\DOT\DOT_SE\180049_Foxxconn_roads_data-collection\Survey\Plats\2704-00-06-WVW\CDS\040407_RP.dgn PLOT DATE : 11/29/2018 PLOT BY : kkruger PLOT NAME : PLOT SCALE : 1:200

WISDOT/CADDS SHEET 70

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
MP081717		
CONSTRUCTION PROJECT NUMBER 2704-09-70	4.00	8

PLAT OF RIGHT OF WAY REQUIRED FOR

BRAUN ROAD

I-94 EAST FRONTAGE ROAD TO CTH H

BRAUN ROAD — RACINE COUNTY

2-20-2018

CONVENTIONAL ABBREVIATIONS

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

CURVE DATA

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 SYMBOLS

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

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN

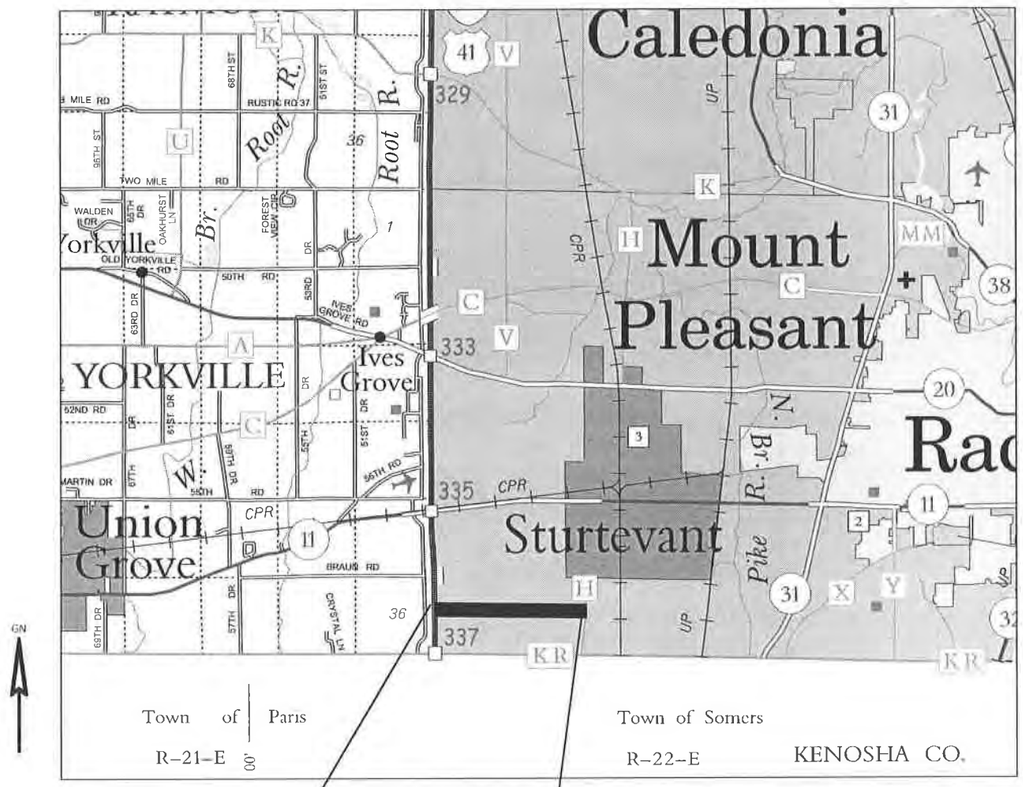
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN IP (1-INCH UNLESS NOTED)

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)		

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER (25) UTILITY NUMBER (40)
PARALLEL OFFSETS

CONVENTIONAL UTILITY SYMBOLS

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



THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH RIGHT OF WAY PLAT FOR PROJECT MP081717.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, RACINE COUNTY, NAD83(97), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

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.

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

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 PUBLIC 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.

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.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

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

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

PARCEL IDENTIFICATION NUMBERS WAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

EXISTING ACCESS CONTROL ALONG BRAUN ROAD HAS BEEN ESTABLISHED FROM PREVIOUS PROJECT -NONE-

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: TPP 1030-24-21-4.02 & -4.03, SS 82.31(2), CSM 3020, CSM 3154.

REVISION DATE:
12/19/2017
1/05/2018
2/13/2018

VILLAGE OF MOUNT PLEASANT

APPROVED BY:

DATE:_____

E

FILE NAME : I:\TADI\17082 PROJECT FLYING EAGLE\060 CAD\V - SURVEY\020 SURVEY DELIVERABLES (ALTA, CSM, PLAT TEXT)\RW PLATS\TRADITIONAL FORMAT\BRAUN\BRAUN TITLE SHEET.DWG
LAYOUT NAME : TPP Title

PLOT DATE : 10/18/2017 PLOT BY : PLOT NAME : APPRAISAL PLAT DATE :

VILLAGE OF MT. PLEASANT

VILLAGE OF STURTEVANT

VILLAGE OF MOUNT PLEASANT

VILLAGE OF MT. PLEASANT

4

4

GN

REVISION DATE 12/19/2017 1/05/2018 2/13/2018	DATE 9/05/2017 GRID FACTOR N/A	SCALE, FEET 0 350 700	HWY: BRAUN ROAD COUNTY: RACINE	STATE R/W PROJECT NUMBER MP081717 CONSTRUCTION PROJECT NUMBER 2704-09-70	PLAT SHEET 4. 01 PS&E SHEET	E

FILE NAME : BRAUN LAYOUT SHEET DWG
LAYOUT NAME - BRAUN layout

PLOT DATE : 2/13/2018 9:47 AM PLOT BY BAIBA ROZITE PLOT NAME PLOT SCALE : 1 IN/200 FT

WISDOT/CADDS SHEET 25

03

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA BEING ACQUIRED.
*INDICATES COMPUTED AREA

PARCEL NUMBER	SHEET NUMBER	OWNER(S)	INTEREST REQUIRED	PARCEL AREA ACRES	T.L.E. AREA REQUIRED ACRES	P.L.E. AREA REQUIRED ACRES	R/W AREA REQUIRED NEW ACRES	R/W AREA REQUIRED EXISTING ACRES	R/W AREA REQUIRED TOTAL ACRES	PARCEL NUMBER
1**	4.03	SLAVKO M GRCIC LIVING TRUST DATED MAY 9, 2012	FEE, TLE, AR	8.572	0.371		1.036	0.439	1.475	1
2	4.03	SLAVKO M GRCIC LIVING TRUST DATED MAY 9, 2012	FEE, TLE, AR	4.628	0.282		0.772	0.373	1.095	2
3	4.03	JACK R PETERSEN AND PATRICIA A PETERSEN	FEE, TLE, AR	29.514	0.471		0.755	0.372	1.127	3
4	4.03	LEROY R PETERSEN AND SHARON K PETERSEN	FEE, TLE, AR	29.520	0.282		0.754	0.372	1.126	4
5	4.04	CREUZIGER FARMS INC	FEE, TLE, AR	79.200	0.639		1.717	0.845	2.562	5
6	4.04	GEORGE N CREUZIGER AND VELLABE CREUZIGER	FEE	1.147	--		0.996	0.151	1.147	6
7**	4.04	CREUZIGER FARMS INC AND	FEE, PLE, TLE, AR	80.280	0.755	0.136	2.024	0.997	3.021	7
8	4.05	THOMAS W FLIESS JR	FEE, TLE, AR	22.126*	0.348		0.631	--	0.631	8
9	4.05	RUDOLPH R BAKER AND ATHENA V BAKER	FEE	2.001*	--		2.001	--	2.001	9
10	4.05	SARAH MAYER AND SHAWN MAYER	FEE, TLE, AR	5.255	0.510		1.578	--	1.578	10
11	4.05	RONALD J HOEGSTED AND CAROL M HOEGSTED	FEE	0.643*	--		0.537	0.106	0.643	11
12	4.05	FORREST BAUER AND JENNIFER BAUER	FEE	0.625*	--		0.554	0.071	0.625	12
13	4.05	BOWER TRUST	FEE	0.505	--		0.429	0.076	0.505	13
14	4.05	LINDA LAMPAREK	FEE, TLE, AR	80.390	1.497		1.903	0.934	2.837	14
15	4.06	THOMAS W FLIESS AND CHERIE FLIESS	FEE, TLE, AR	78.621*	0.631		1.695	0.830	2.525	15
16	4.06	TRAVIS S SPENCER AND KATHERINE R SPENCER	FEE	1.652	--		1.652	--	1.652	16
17**	4.07	DOUG R FUNK	FEE	38.830	--		37.922	0.908	38.830	17
18**	4.03	UNIVERSITY OF LAWSONOMY	FEE, TLE, AR	18.670	0.402		1.413	0.590	2.003	18
19	4.03	TODD D POHJOLA AND JULIE B POHJOLA	FEE	1.142	--		1.000	0.102	1.102	19
20	4.03	BROUWERS AND DAVID BROUWERS 1/4 INT	FEE, TLE, AR	37.630	1.175		1.763	0.8686	2.631	20
21	4.04	THEODORE M WASIAK AND JEAN A WASIAK	FEE	5.002	--		4.853	0.150	5.002	21
22	4.04	LYNN S BAUMANN AND LORI ANDERSON	FEE, TLE, AR	59.446*	0.097		0.261	0.128	0.389	22
23	4.04	LAURA A JAHNKE AND JOHN THOMAS ANDERSON	FEE, TLE, AR	5.290*	0.181		0.435	--	0.435	23
24**	4.04	LEE ANN GOOLD AND TIMOTHY J ANDERSON	FEE, PLE	10.000	--	0.076	10.000	--	10.000	24
25**	4.04	BUISSE AND LINDA D RAMOS	FEE, PLE, TLE, AR	33.005*	0.301	0.009	1.189	0.586	1.775	25
26	4.04	CAROL R ECKHOLM AND JAY R ECKHOLM	FEE	1.796	--		1.796	--	1.796	26
27	4.04	SHERRI L SHAVER	FEE	1.999*	--		1.831	0.168	1.999	27
28	4.04	LINDA D RAMOS AND WAYNE P BUISSE	FEE, TLE, AR	43.212*	0.057		0.154	0.076	0.230	28
29	4.05	LINDA D RAMOS AND WAYNE P BUISSE	FEE	0.505	--		0.429	0.076	0.505	29
30	4.05	BUISSE AND LINDA D RAMOS	FEE, TLE, AR	80.458*	0.901		1.904	0.937	2.841	30
31	4.06	BOWER FAMILY TRUST	FEE, TLE, AR	16.796*	0.124		0.335	0.165	0.500	31
32	4.05	BOWER FAMILY TRUST	FEE	1.393*	--		1.256	0.137	1.393	32
33	4.05	SHANNON A HILBERT AND NICHOLAS A HILBERT	FEE	1.132	--		1.020	0.112	1.132	33
34	4.05	JUAN F GARCIA AND SENORINA M GARCIA	FEE	0.999*	--		0.901	0.098	0.999	34
35	4.05	BOWER TRUST LE ROY S	FEE, TLE, AR	20.483*	0.379		1.016	0.500	1.516	35
36	4.06	THOMAS W FLIESS	FEE, TLE, AR	81.395*	0.763		2.049	1.007	3.056	36
37	4.07	THOMAS E RIEDEL AND BARBARA J RIEDEL	FEE, TLE, AR	25.045*	0.979		2.225	0.857	3.082	37
38	4.07	JOSEPH M JANICEK AND KIMBERLY K JANICEK	FEE	1.153*	--		1.029	0.124	1.153	38
40	4.05	RONALD J HOEGSTED AND CAROL M HOEGSTED	FEE, TLE, AR	1.207	0.185		0.054	--	0.054	40
41	4.05	PEUSCHOLD TRUST DANNY C & KIMBERLY A	TLE, AR	0.9331	0.155		--	--	--	41
42	4.05	RANDY S BURROW	FEE, TLE, AR	2.332	0.293		0.662	--	0.662	42
43	4.05	SARAH MAYER AND SHAWN MAYER	FEE	2.749	--		2.749	--	2.749	43
44	4.05	CREUZIGER FARMS	AR	40.54	--		--	--	--	44

4

REVISED: 12/19/2017, 1/05/2018, 2/13/2018**

DATE: 9/05/2017

HWY: BRAUN ROAD

R/W PROJECT NO. MP081717

PLAT SHEET NO: 4.02

COUNTY: RACINE

CONSTRUCTION PROJECT NO. 2704-09-70

E

SW 1/4-SW 1/4

SE 1/4-SW 1/4

NW 1/4-NW 1/4

NE 1/4-NW 1/4

SECTION LINE
N0° 07' 52"W 2644.99

SECTION LINE
N0° 17' 38"W 2667.69

1/16 LINE

1/4 SECTION LINE

I94 EAST FRONTAGE ROAD

NO ACCESS TPP
1030-24-21-4.03

NO ACCESS
PROJ 1101-1(3)

L=380.31, R=16407.25
LC=380.30,
N01° 16' 12"W

Y = 170399.04
X = 594126.82
CAST IRON W/
BRASS CAP

BP: 50+00.00

BEGIN RELOCATION ORDER
0 FEET SOUTH AND 0 FEET
EAST OF THE NORTHWEST
CORNER OF SEC. 31 T3N R22E
STA 50+00.00

N88° 54' 52"E
5.00'

S0° 50' 44"E
137.33'

N0° 17' 00"W
112.96'

S0° 17' 00"E
89.13'

S44° 29' 08"E
103.98'

N44° 36' 37"W
213.49'

S88° 42' 26"E 502.01

N45° 25' 24"E
214.15'

S45° 25' 24"W
103.88'

N1° 17' 34"E
12.00'

S0° 27' 15"E
165.08'

N89° 32' 45"E
7.00'

S0° 34' 14"E

S88° 42' 26"E R.L. BRAUN ROAD= SECTION LINE

TLE FOR DEMOLITION

TLE FOR DEMOLITION

634.38'
562.83'
755.01'
537.13'
290.27'
491.80'
491.72'
135.00'
490.82'
490.81'
490.55'
490.57'
1146.25'
1146.73'
804.43'
192.40'

110.00'
150.00'
150.00'

100'
25'
13'
112'
75'
33'
55
60
65
70

NO ACCESS
PROJ 1101-1(3)

Y = 170341.77
X = 596664.43
CAST IRON W/
BRASS CAP

VILLAGE OF MT. PLEASANT

HIGHWAY	BASIS OF EXISTING RIGHT-OF-WAY	WIDTH	YEAR
I-94 & E FRONTAGE RD	TPP 1030-24-21-4 02 & 4 03	VARIES	2011
BRAUN RD	SS 82 31(2)	66'	

REVISION DATE
12/19/2017
1/05/2018
2/13/2018

DATE 11/15/2017
GRID FACTOR N/A

SCALE, FEET
0 100 200

HWY: BRAUN ROAD
COUNTY: RACINE

STATE R/W PROJECT NUMBER MP081717
CONSTRUCTION PROJECT NUMBER 2704-09-70

PLAT SHEET 4 03
PS&E SHEET E

FILE NAME BRAUN DETAIL SHEETS DWG
LAYOUT NAME - DETAIL 1 1 IN 200 FT

PLOT DATE : 2/20/2018 11:01 AM PLOT BY BAIBA ROZITE PLOT NAME PLOT SCALE

WISDOT/CADDS SHEET 75

GN

VILLAGE OF MT. PLEASANT

SW 1/4-SE 1/4

Y = 170341.77
X = 596664.43
CAST IRON W/
BRASS CAP

T 3 N
R 22 E
30 30
31 31

SE 1/4-SE 1/4

1/16 LINE

PLE FOR CULVERT

PI: 75+38.26

75+35.09 -100.00'/-125.00'

85+04.78 -125.00'

87+04.78 -125.00'

90+36.23 -144.00'

91+71.23 -144.00'

101+69.77 -100.00'/-125.00'

969.10'

146.85'

331.45'

44.00'

135.00'

44.00'

100'

25'

995.80'

1315.95'

S89° 02' 31"E R.L. BRAUN ROAD= SECTION LINE

200.00'

169.27'

966.52'

80

85

200.00'

149.24'

90

95

100

1315.75'

534.69'

221.45'

221.45'

238.17'

100.00'

315.52'

630.95'

169.62'

535.03'

238.17'

33'

40'

75+40.57 100.00'/125.00'

77+41.69 125.00'

82+26.80 125.00'

37.00'

87+68.23 137.00'

88+68.23 137.00'

90.00'

10.00'

93+92.87 125.00'

98+35.86 125.00'

101+69.77 100.00'/125.00'

21

22

23

24

25

26

27

28

LOT 1
CSM 3222

LOT 2
CSM 3222

LOT 1
CSM 1611

NW 1/4-NE 1/4

NE 1/4-NE 1/4

T 3 N
R 22 E
30 29
31 32

Y = 170297.77
X = 599295.57
CAST IRON W/
BRASS CAP

1/4 SECTION LINE

SECTION LINE

VILLAGE OF MT. PLEASANT

PL

HIGHWAY	BASIS OF EXISTING RIGHT-OF-WAY	WIDTH	YEAR
I-94 & E FRONTAGE RD	TPP 1030-24-21-4 02 & 4 03	VARIES	2011
BRAUN RD	SS 82 31(2)	66'	

REVISION DATE
12/19/2017
1/05/2018
2/13/2018

DATE 9/05/2017

GRID FACTOR N/A

SCALE, FEET
0 100 200

HWY: BRAUN ROAD

COUNTY: RACINE

STATE R/W PROJECT NUMBER MP081717

CONSTRUCTION PROJECT NUMBER 2704-09-70

PLAT SHEET 4 04

PS&E SHEET

E

FILE NAME BRAUN DETAIL SHEETS DWG
LAYOUT NAME - DETAIL 2 1 IN 200 FT

PLOT DATE : 2/20/2018 11:01 AM PLOT BY BAIBA ROZITE PLOT NAME PLOT SCALE :

WISDOT/CADDS SHEET 75

4

4

GN

SW 1/4-SW 1/4

HIGHWAY	BASIS OF EXISTING RIGHT-OF-WAY	WIDTH	YEAR
WHEATON LANE	CSM 3020	66'	2011
BRAUN RD	SS 82.31(2)	66'	

SECTION LINE

Y = 170297.77
X = 599295.57
CAST IRON W/
BRASS CAP

T 3 N R 22 E
30 29
31 32

LOT 4
CSM 3020

LOT 1
CSM 3020

LOT 2
CSM 3020

LOT 3
CSM 3020

WHEATON LN

111+67.52
-1322.65'

N0° 26' 03"E
147.66'

111+67.51
-1174.96'

N89° 25' 49"W
60.13'

111+75.51
-1108.96'

111+50.49
-758.96'

113+43.52
-1322.08'

S89° 22' 49"E
320.48'

L=182.21, R=116.00
LC=164.05,
N44° 33' 46"W

S0° 24' 28"E
509.94'

S89° 33' 45"E
152.10'

N0° 26' 15"E
270.50'

S0° 24' 28"E
270.53'

N89° 33' 45"W
156.12'

N0° 24' 28"W
321.53'

L=146.25, R=279.32
LC=144.59,
N15° 26' 15"E

N30° 26' 15"E
18.51'

N89° 33' 45"W
46.68'

113+68.46
-219.85'

L=80.71, R=153.60
LC=79.79,
N15° 23' 02"E

N30° 26' 15"E
69.51'

155.69'

165.81'

247.11'

263.13'

176'

168'

102'

25'

658.99'

66'

458.31'

246.23'

302.40'PL

246.22' PL

1071.66'

744.35'

1237.40'

1237.53'

660.37'

661.23'

1236.99'

1124.78'

216.85'

218.12'

181.32'

147.65'

130.00'

140.00'

125.62'

100.05'

S89° 33' 57"E R.L. BRAUN ROAD= SECTION LINE 1237.59'

N0° 26' 14"E
50.00'

N0° 26' 14"E
33.00'

100.06'

40'

105

110

120

125

33'

24.75'

106+26.79
-125.00'

109+28.22
-125.00'

111+75.45
-100.00'

113+43.45
-100.00'

116+03.65
-125.00'

101+69.77
-100.00'/-125.00'

103+85.00
125.00'/200.00'

102+74.82
125.00'/200.00'

75.00'

110.18'

TLE FOR DEMOLITION

TLE FOR DEMOLITION

SE 1/4-SW 1/4

123+50.00
-125.00'/-320.00'

125+25.00
-125.00'/-320.00'

175.00'

195.00'

195.00'

100'

25'

318.00'

Y = 170277.51
X = 601970.80
CAST IRON W/
BRASS CAP

128+43.42
-100.00'/-125.00'

121+85.13
125.00'

117+26.16
125.00'

VILLAGE OF MT. PLEASANT

NW 1/4-NW 1/4

NE 1/4-NW 1/4

8 9 10 11 12 13 14 29 30 31 32 33 34 35 40 41 42 43 44

REVISION DATE	DATE 9/05/2017	SCALE, FEET	HWY: BRAUN ROAD	STATE R/W PROJECT NUMBER MP081717	PLAT SHEET 4 05	
12/19/2017 1/05/2018 2/13/2018	GRID FACTOR N/A	0 100 200	COUNTY: RACINE	CONSTRUCTION PROJECT NUMBER 2704-09-70	PS&E SHEET	E

FILE NAME : BRAUN DETAIL SHEETS.DWG
LAYOUT NAME - DETAIL 3 1 IN 200 FT

PLOT DATE : 2/20/2018 11:01 AM PLOT BY : BAIBA ROZITE PLOT NAME : PLOT SCALE : WISDOT/CADDS SHEET 75

4

VILLAGE OF MT. PLEASANT

GN

Y = 170277.51
X = 601970.80
CAST IRON W/
BRASS CAP

SW 1/4-SE 1/4

Y = 170230.15
X = 604629.10
CAST IRON W/
BRASS CAP

VILLAGE OF MT PLEASANT

PL

LOT 1
CSM 3154

128+43.42
100.00'/-125.00'

100'

25'

15

16

1013.01'

130

1012.99'

135

1329.36'

S88° 58' 46"E R.L. BRAUN ROAD= SECTION LINE

1329.19'

230.42'

85.95'

40

140

128+47.39
100.00'/125.00'

25'

100'

36

139+54.74
-125.00'

140+85.16
-125.00'

141+71.33
-125.00'

141+79.20
100.00'/125.00'

NW 1/4-NE 1/4

VILLAGE OF MT. PLEASANT

HIGHWAY	BASIS OF EXISTING RIGHT-OF-WAY	WIDTH	YEAR
BRAUN RD	SS 82 31(2), CSM 3154	66'/40'	

4

REVISION DATE
12/19/2017
1/05/2018
2/13/2018

DATE 9/05/2017

GRID FACTOR N/A

SCALE, FEET
0 100 200

HWY: BRAUN ROAD

COUNTY: RACINE

STATE R/W PROJECT NUMBER MP081717

CONSTRUCTION PROJECT NUMBER 2704-09-70

PLAT SHEET 4 06

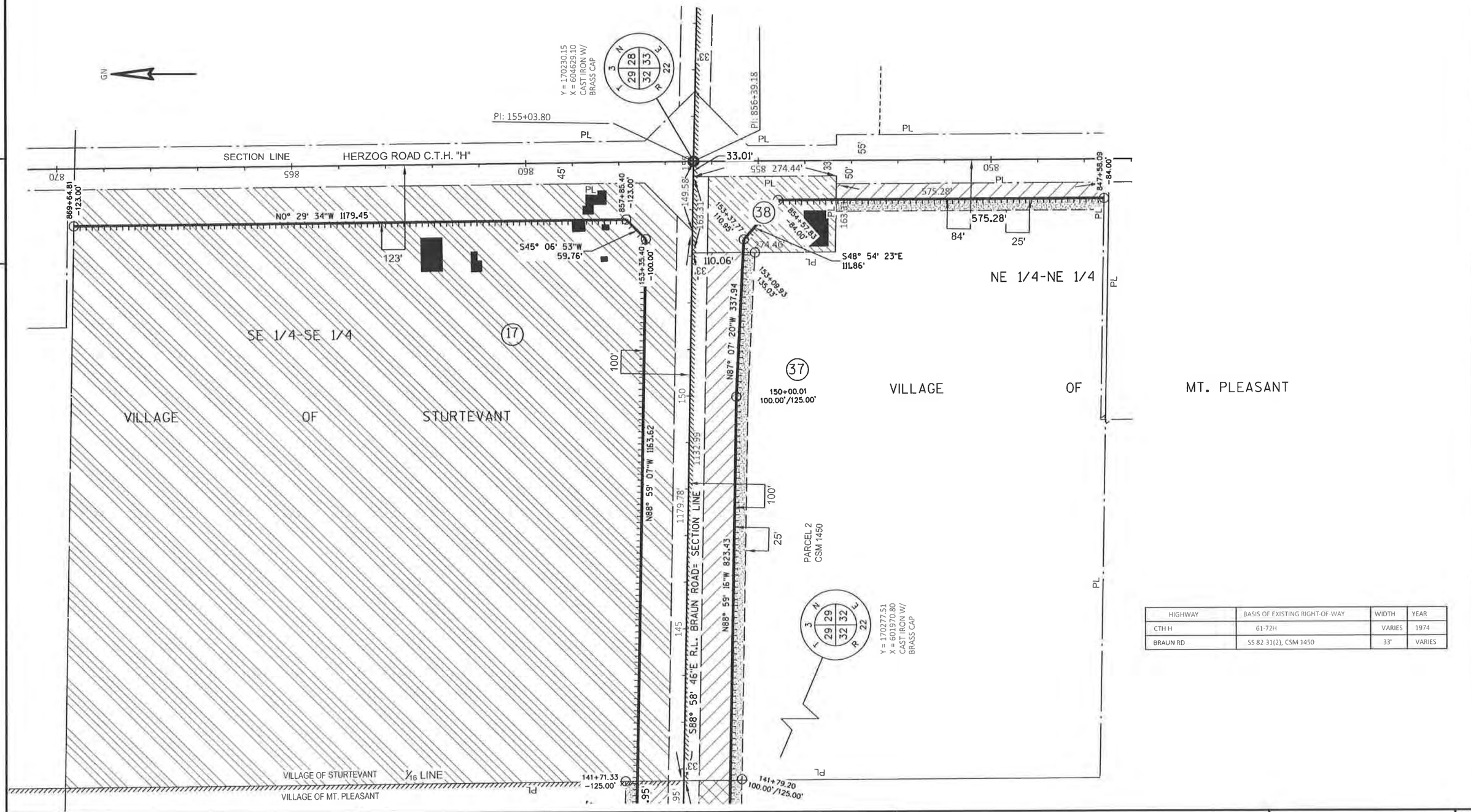
PS&E SHEET

E

FILE NAME BRAUN DETAIL SHEETS.DWG
LAYOUT NAME - DETAIL 4 1 IN 200 FT

PLOT DATE : 2/14/2018 10:29 AM PLOT BY : BAIBA ROZITE PLOT NAME : PLOT SCALE : 1.0000 '/ IN

WISDOT/CADDS SHEET 75



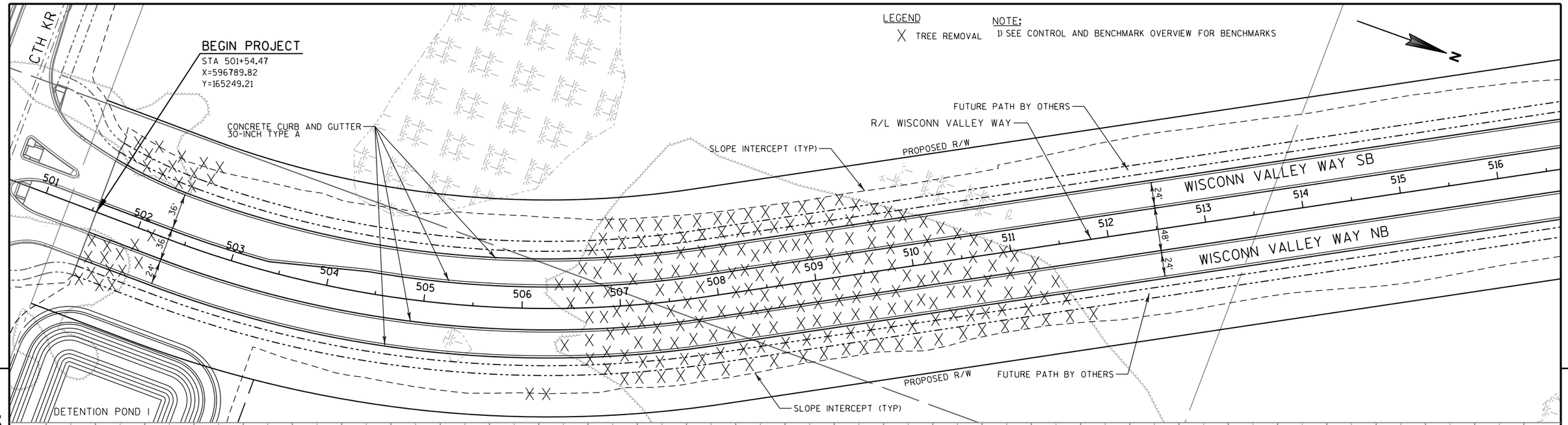
HIGHWAY	BASIS OF EXISTING RIGHT-OF-WAY	WIDTH	YEAR
CTH H	61-72H	VARIES	1974
BRAUN RD	SS 82.31(2), CSM 1450	33'	VARIES

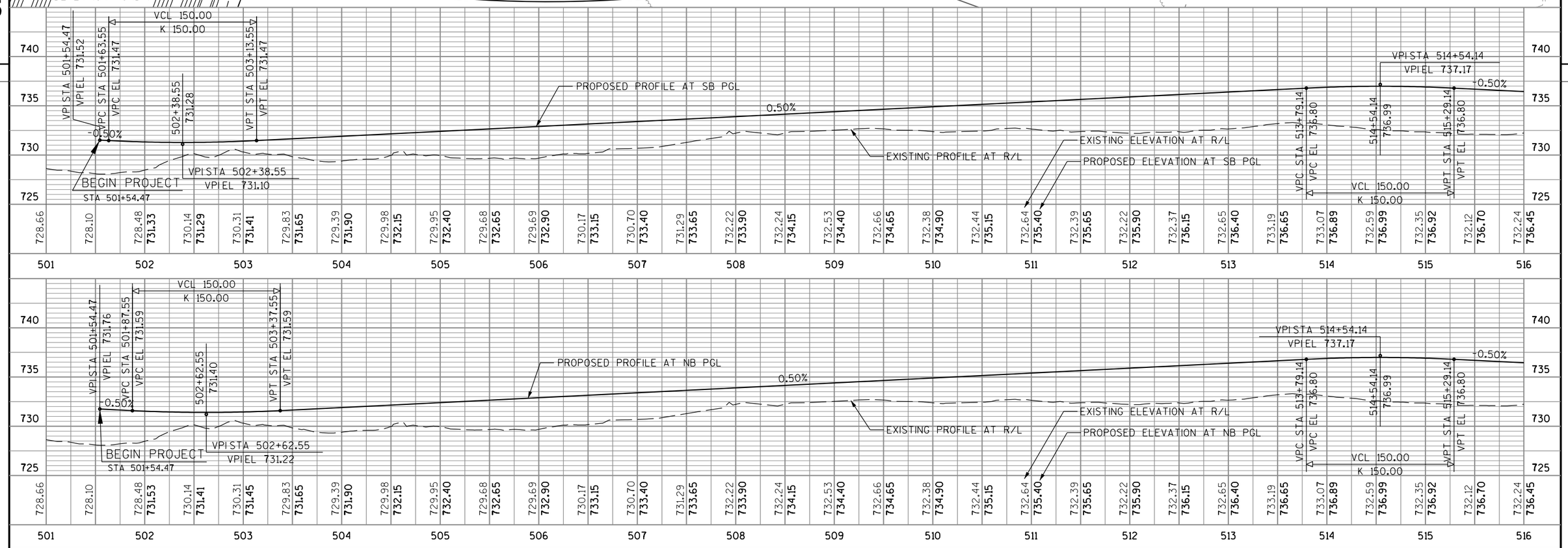
REVISION DATE 12/19/2017 1/05/2018 2/13/2018	DATE 9/05/2017 GRID FACTOR N/A	SCALE, FEET 0 100 200	HWY: BRAUN ROAD COUNTY: RACINE	STATE R/W PROJECT NUMBER MP081717 CONSTRUCTION PROJECT NUMBER 2704-09-70	PLAT SHEET 4. 07 PS&E SHEET ____ E

FILE NAME BRAUN DETAIL SHEETS.DWG
LAYOUT NAME - DETAIL 5 1 IN 200 FT

PLOT DATE : 2/14/2018 10:29 AM PLOT BY BAIBA ROZITE PLOT NAME : PLOT SCALE : ######.###

WISDOT/CADDS SHEET 75





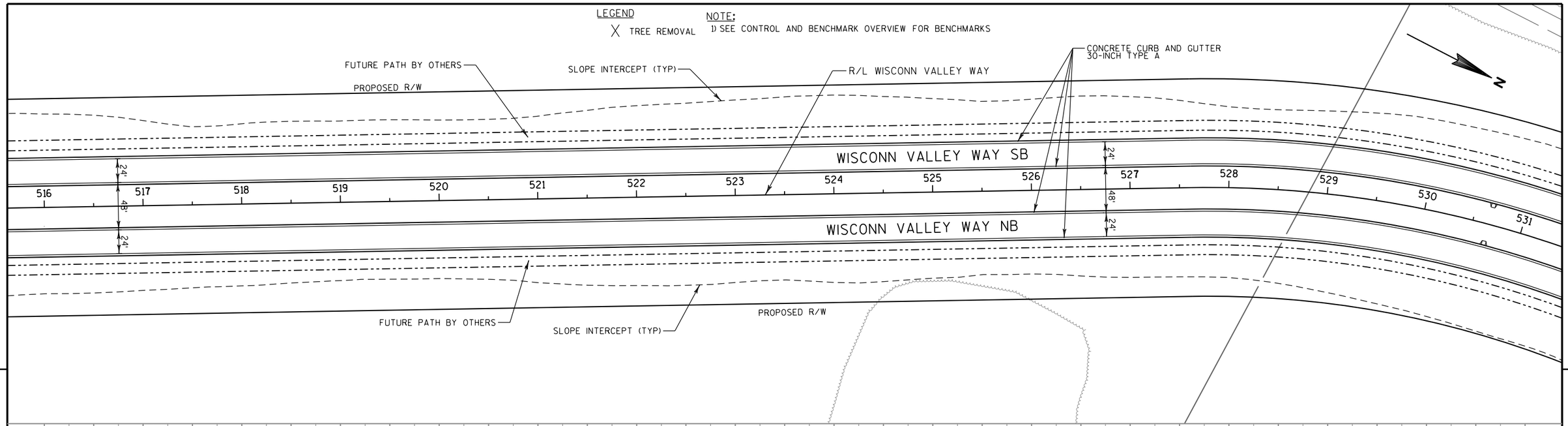
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN AND PROFILE: WISCONN VALLEY WAY	SHEET	E

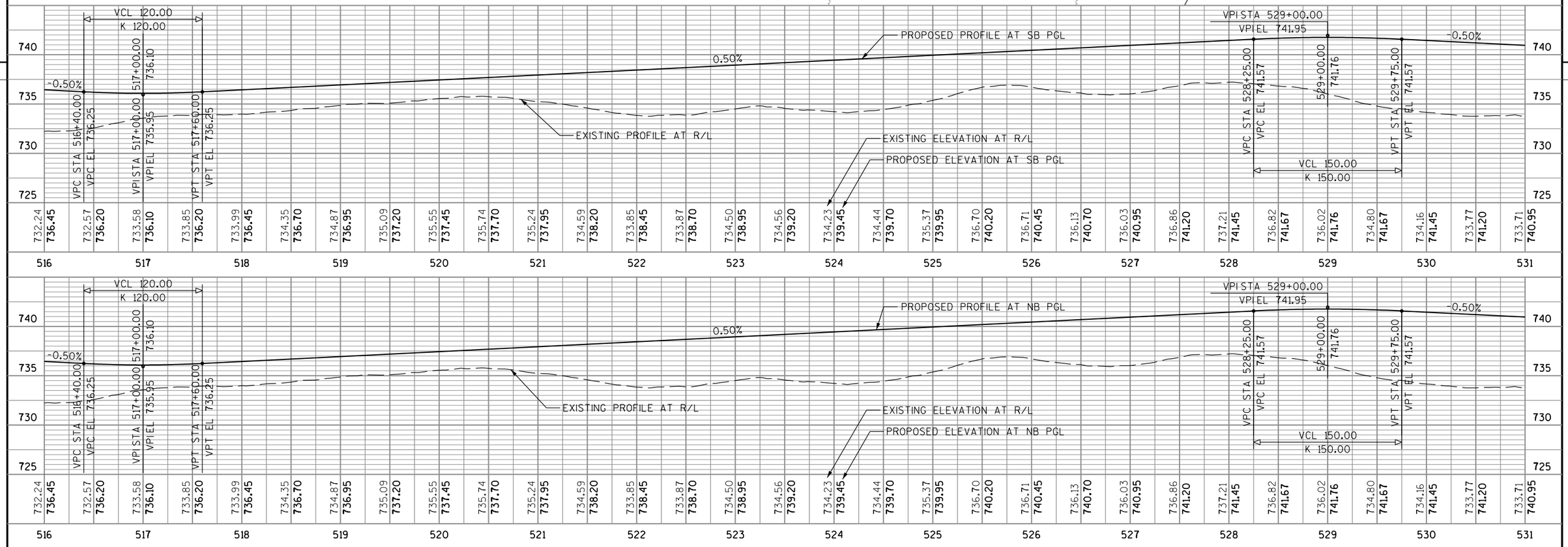
LEGEND

X TREE REMOVAL

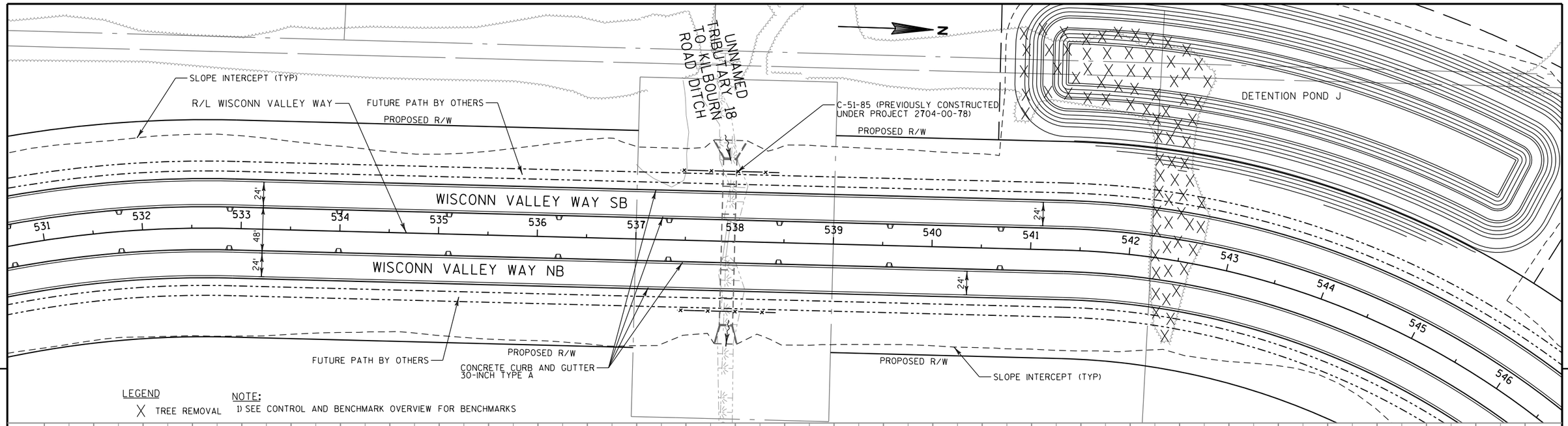
NOTE:

1) SEE CONTROL AND BENCHMARK OVERVIEW FOR BENCHMARKS





PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN AND PROFILE: WISCONN VALLEY WAY	SHEET	E

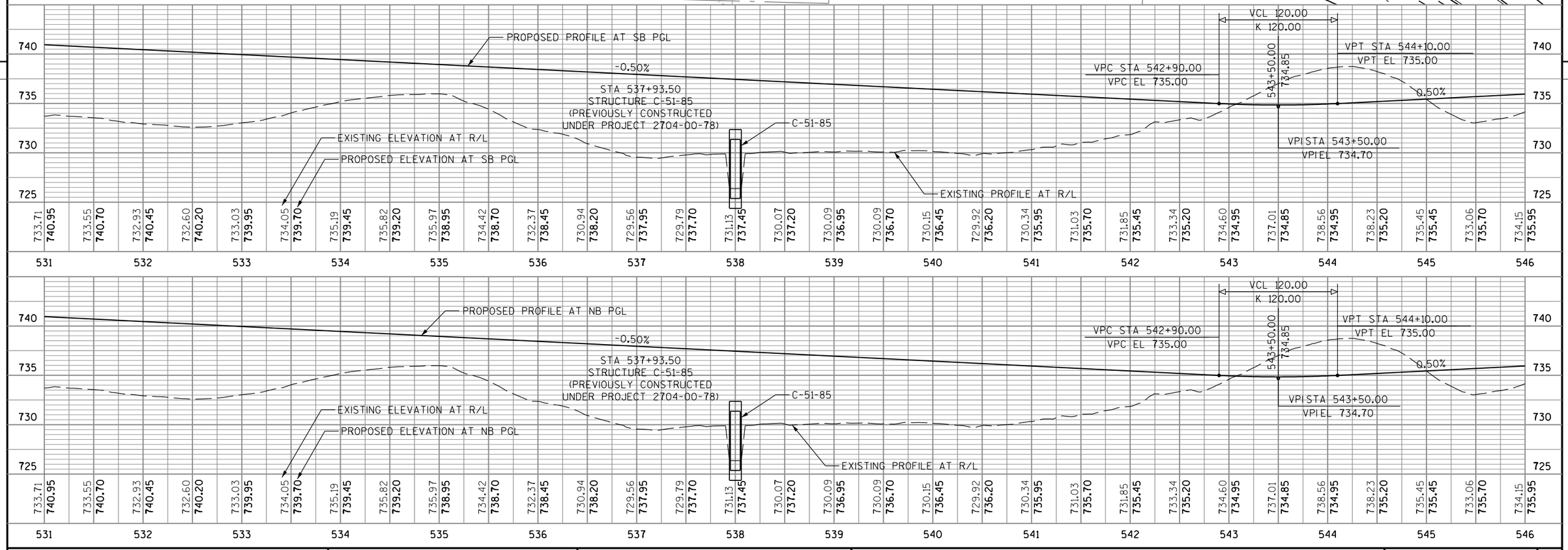


LEGEND

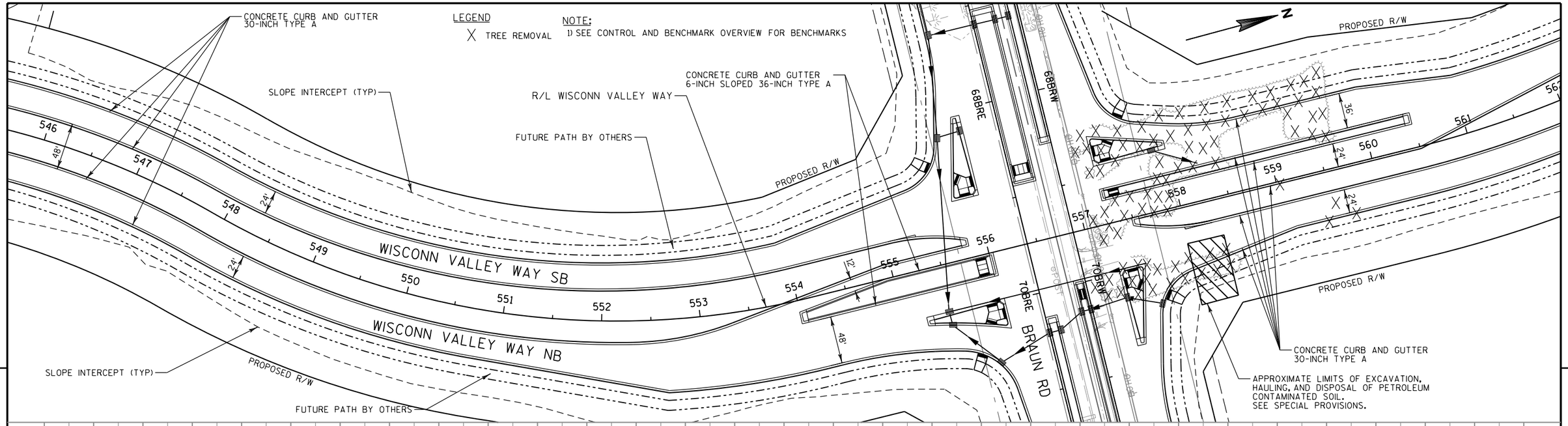
X TREE REMOVAL

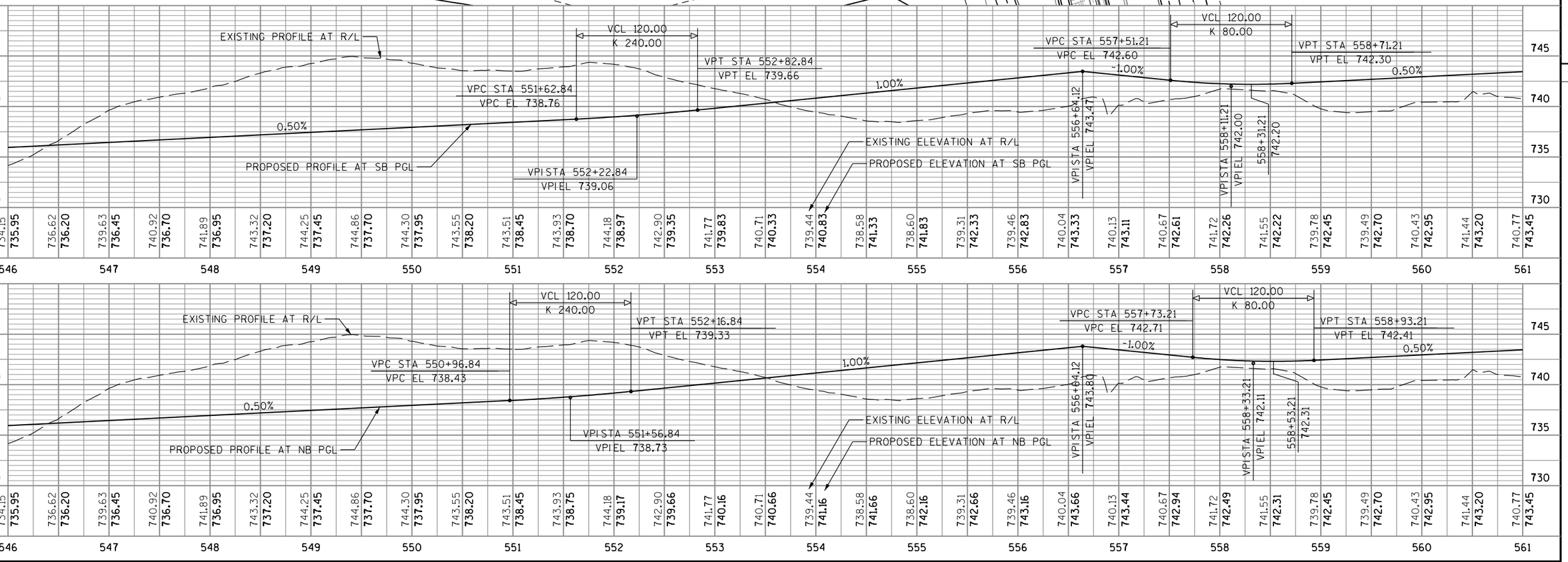
NOTE:

1) SEE CONTROL AND BENCHMARK OVERVIEW FOR BENCHMARKS



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN AND PROFILE: WISCONN VALLEY WAY	SHEET	E





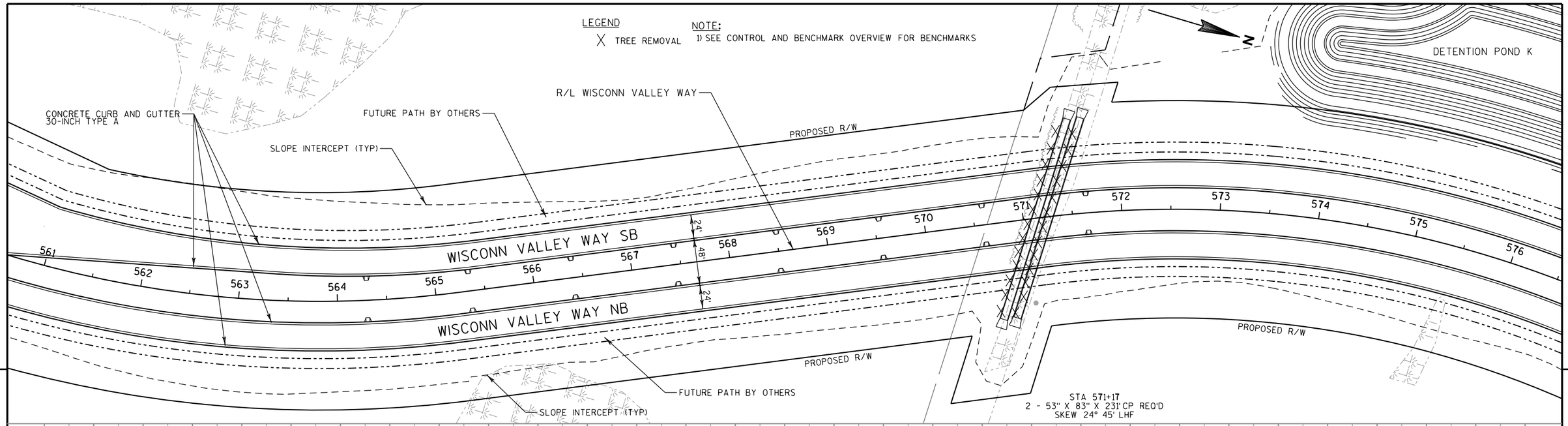
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN AND PROFILE: WISCONN VALLEY WAY	SHEET	E

LEGEND

X TREE REMOVAL

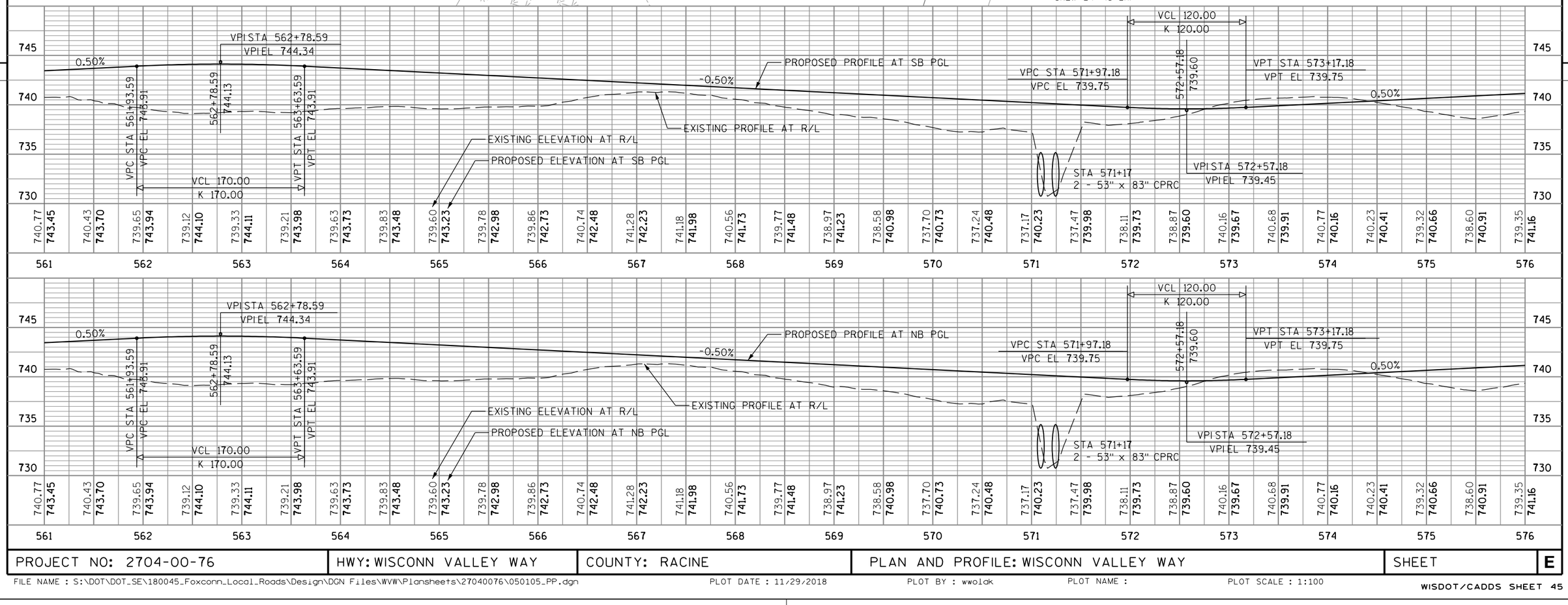
NOTE:

1) SEE CONTROL AND BENCHMARK OVERVIEW FOR BENCHMARKS



5

5



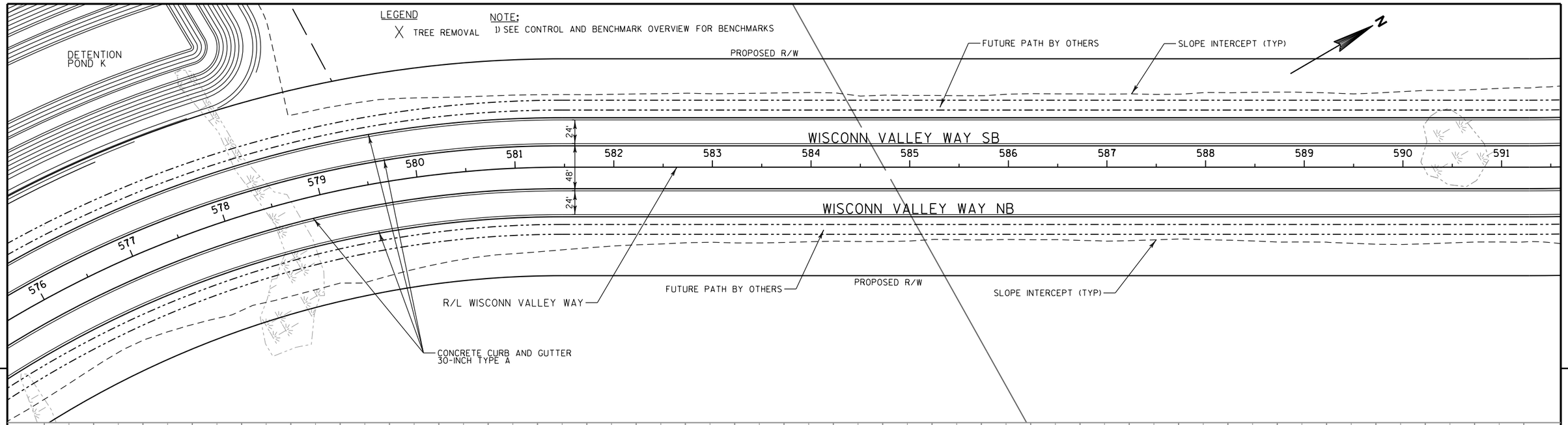
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN AND PROFILE: WISCONN VALLEY WAY	SHEET	E

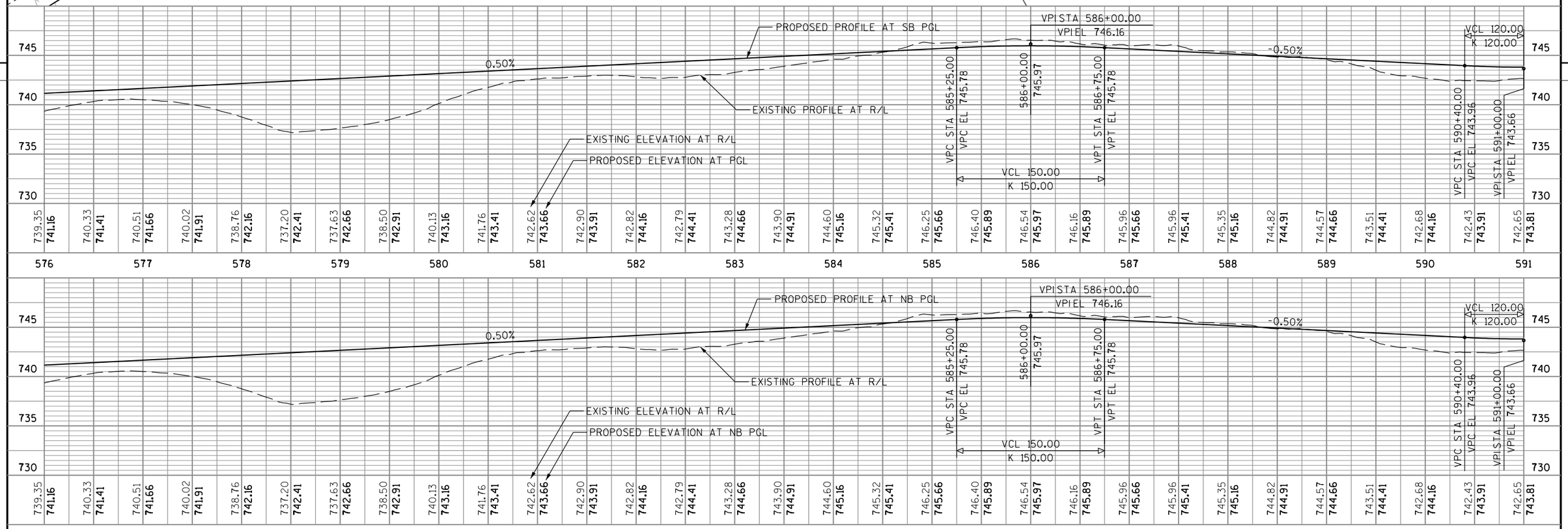
LEGEND

X TREE REMOVAL

NOTE:

1) SEE CONTROL AND BENCHMARK OVERVIEW FOR BENCHMARKS





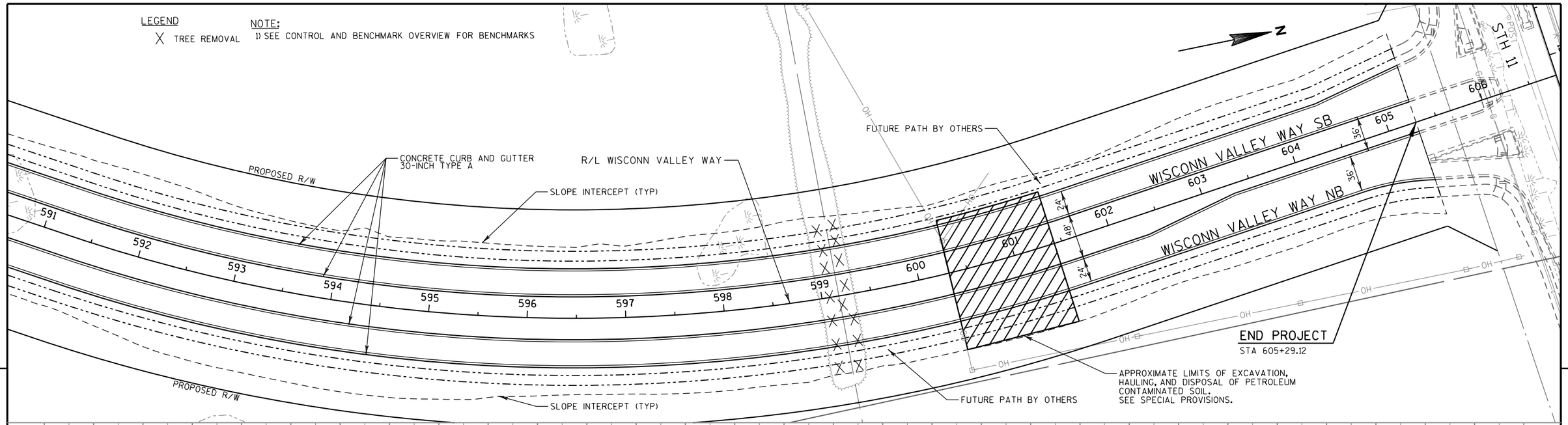
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN AND PROFILE: WISCONN VALLEY WAY	SHEET	E

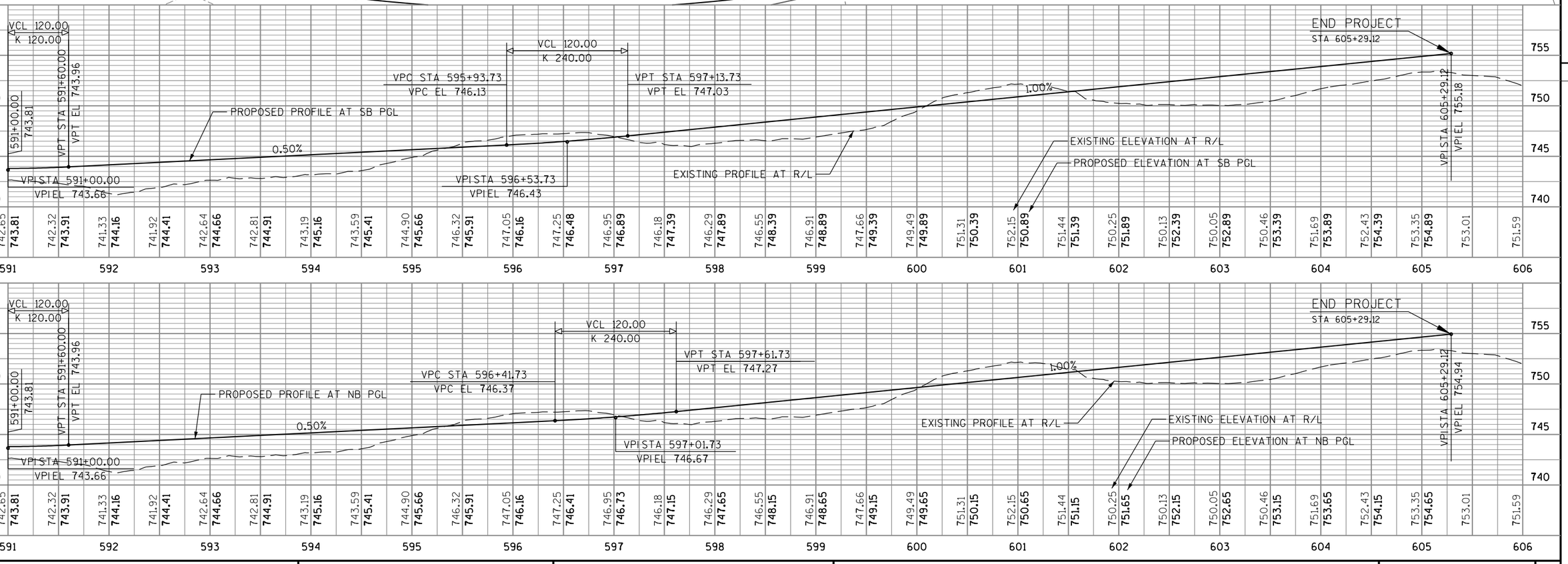
LEGEND

X TREE REMOVAL

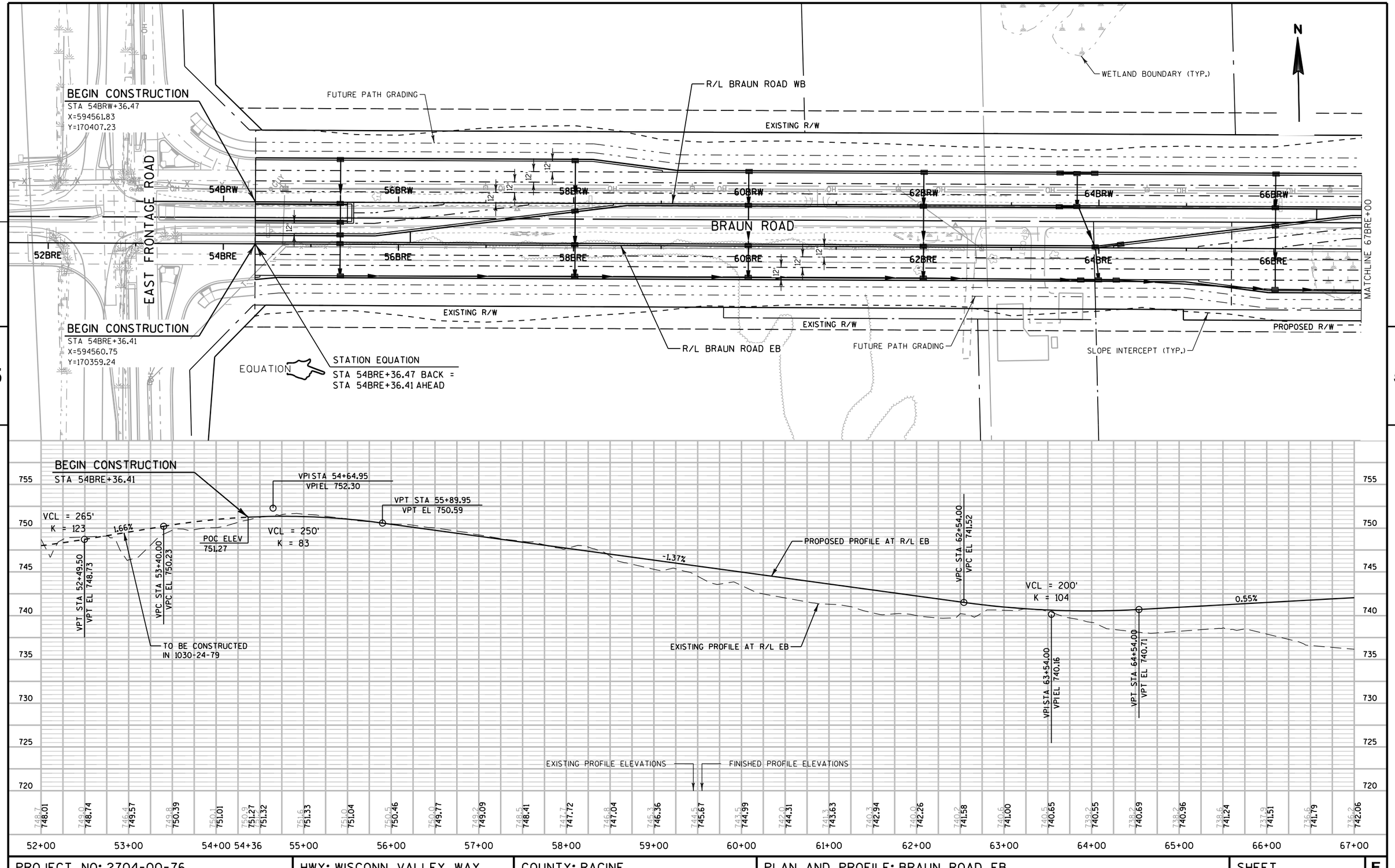
NOTE:

1) SEE CONTROL AND BENCHMARK OVERVIEW FOR BENCHMARKS



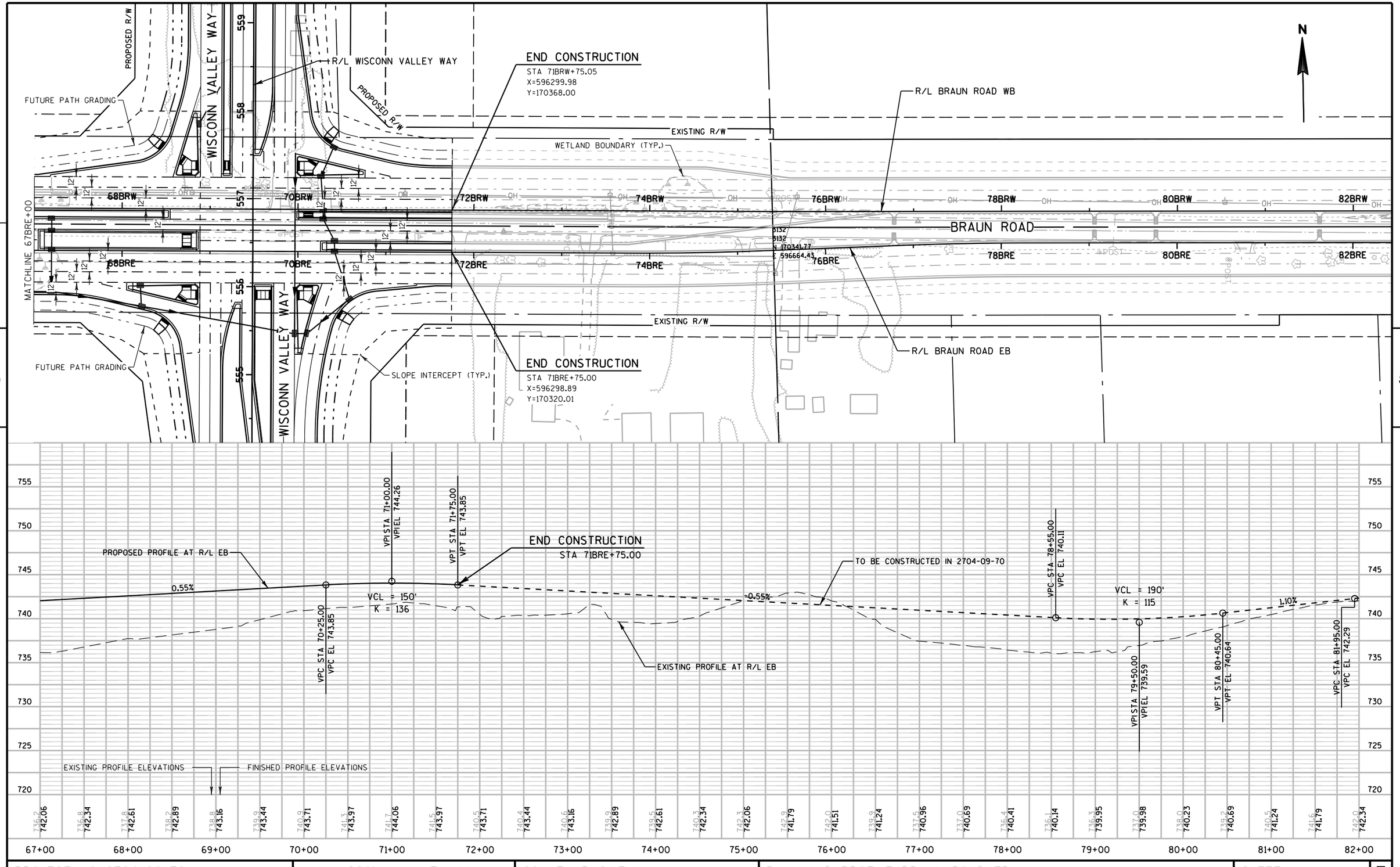


PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN AND PROFILE: WISCONN VALLEY WAY	SHEET	E



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN AND PROFILE: BRAUN ROAD EB	SHEET	E

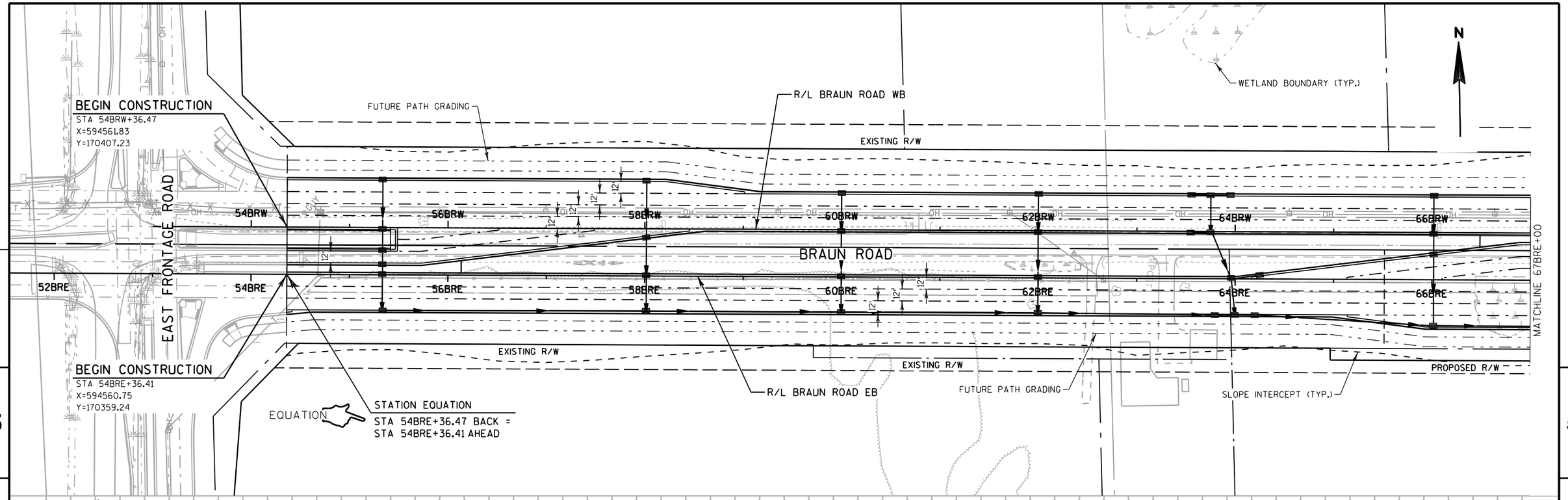
FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PlotSheets\01011_29EB2018.dgn 11:20:54 AM PLOT BY : jdepies PLOT NAME : PLOT SCALE : 100:1



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN AND PROFILE: BRAUN ROAD EB	SHEET	E

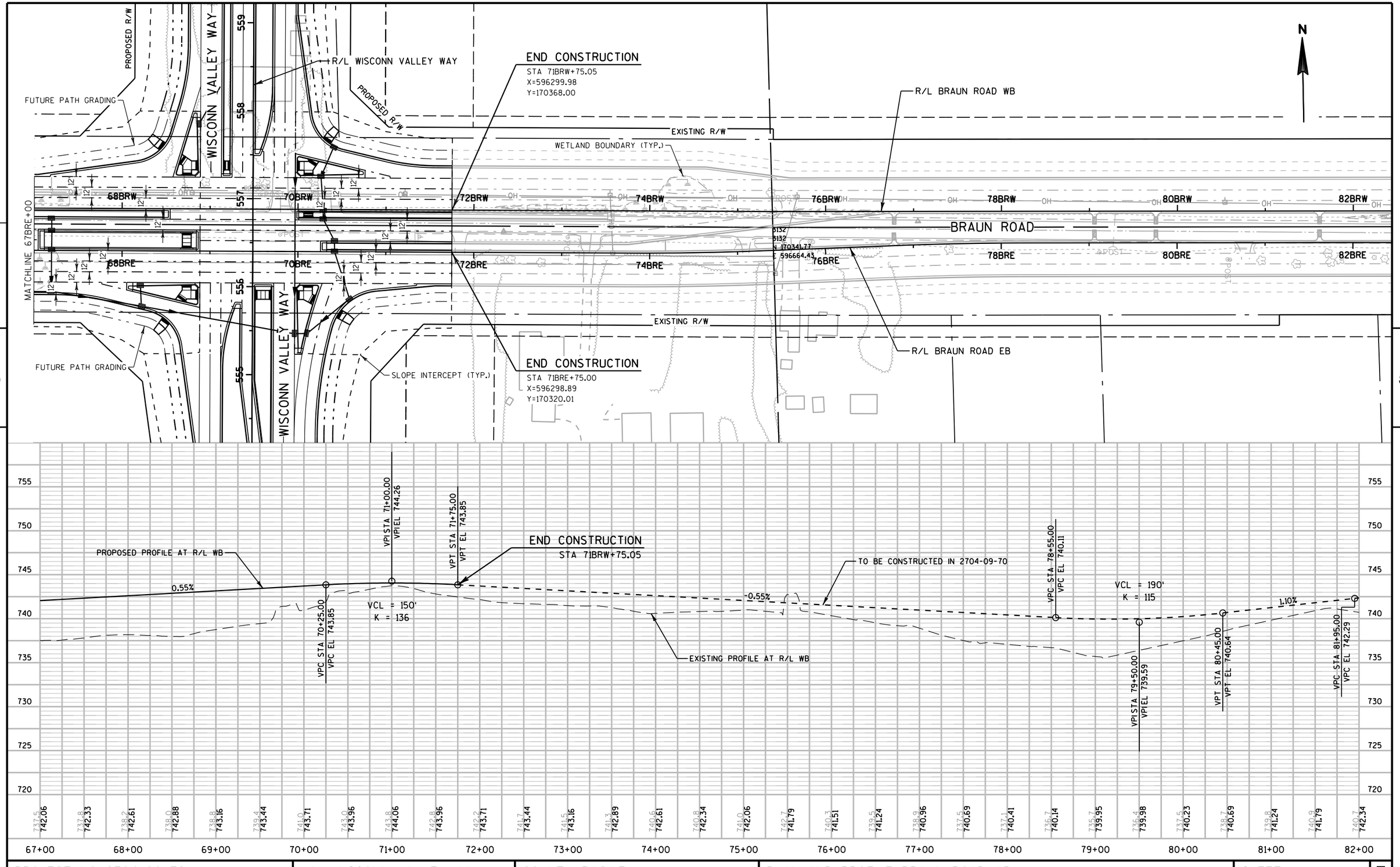
FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\D1021_29EB2016_11:21:00 AM PLOT BY : jdepies PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 40



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN AND PROFILE: BRAUN ROAD WB	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PlotSheets\01031_29WB2016 11:21:06 AM PLOT BY : jdepies PLOT NAME : PLOT SCALE : 100:1

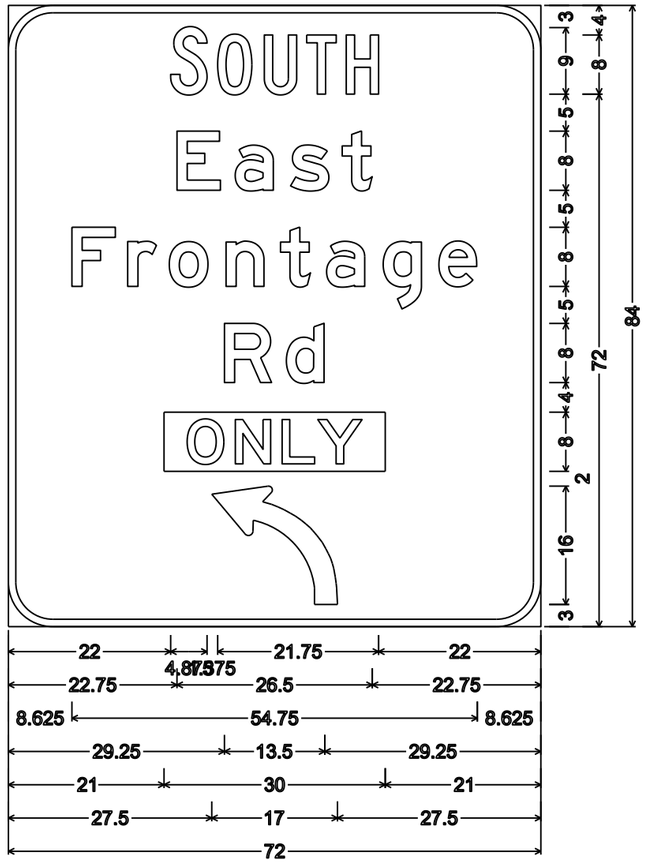


PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PLAN AND PROFILE: BRAUN ROAD WB	SHEET	E

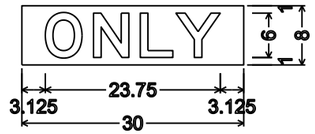
FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PlotStyle\Plot1.ctb 11:21:11 AM PLOT BY : jdepies PLOT NAME : PLOT SCALE : 100:1

NOTES

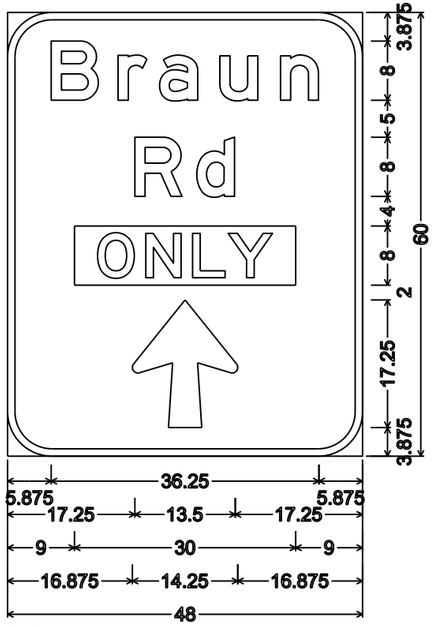
1. All Signs Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - As noted
4. ONLY plaque basematerial is .040" aluminum on Type F Reflective sheeting with Black Message



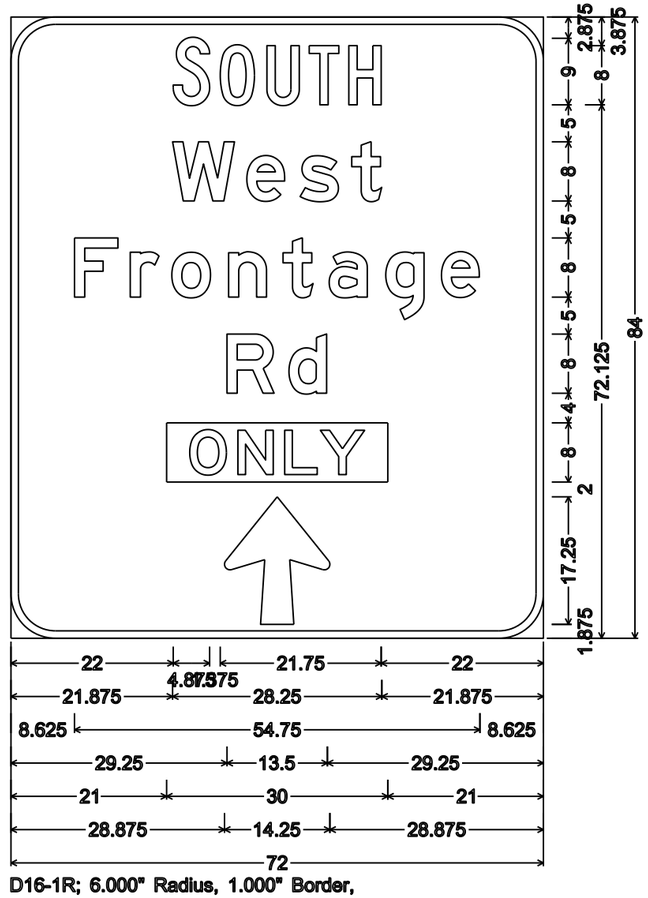
D16-1R; 6.000" Radius, 1.000" Border,
"SOUTH" C; "East" E; "Frontage" E; "Rd" E



No border, Black on Fluorescent yellow;
"ONLY" Black E;



D16-1;
6.000" Radius, 1.000" Border,
"Braun" E; "Rd" E



D16-1R; 6.000" Radius, 1.000" Border,
"SOUTH" C; "West" E; "Frontage" E; "Rd" E

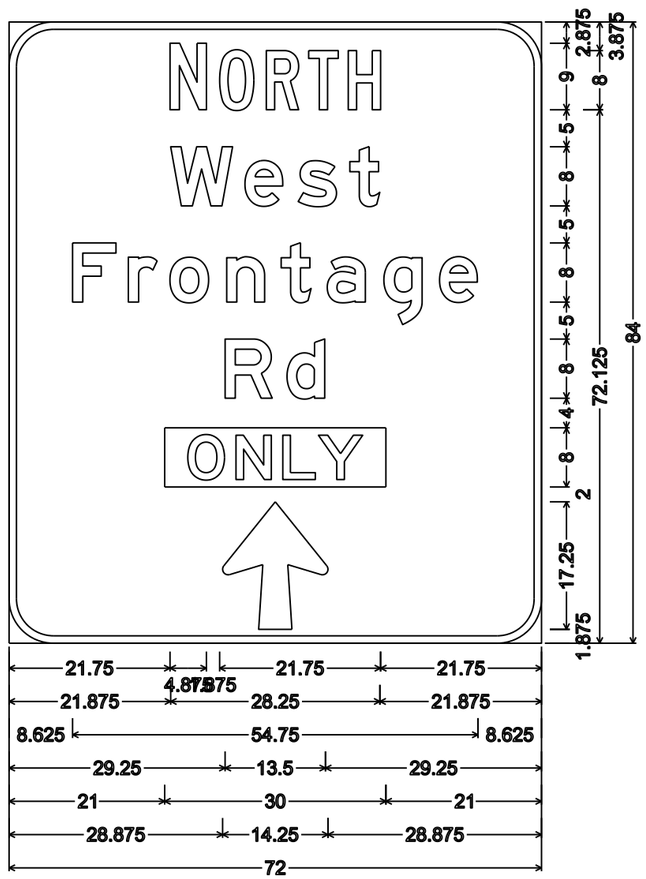
7

7

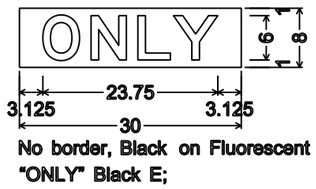
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PERMANENT SIGNING	SHEET NO:	E

NOTES

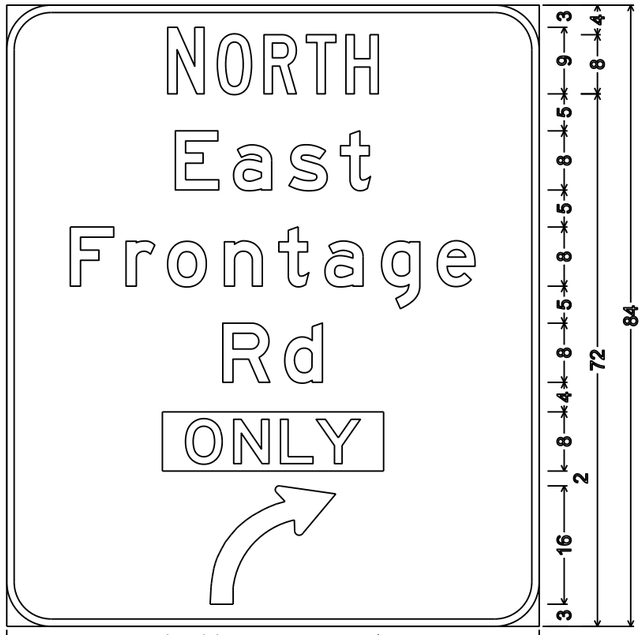
1. All Signs Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - As noted
4. ONLY plaque basematerial is .040" aluminum on Type F Reflective sheeting with Black Message



D16-1R; 6.000" Radius, 1.000" Border,
"NORTH" C; "West" E; "Frontage" E; "Rd" E



No border, Black on Fluorescent yellow;
"ONLY" Black E;



D16-1R; 6.000" Radius, 1.000" Border,
"NORTH" C; "East" E; "Frontage" E; "Rd" E

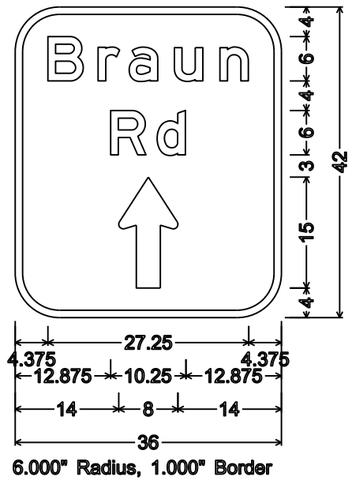
7

7

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PERMANENT SIGNING	SHEET NO:	E

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



6.000" Radius, 1.000" Border

7

7

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	PERMANENT SIGNING	SHEET NO:	E

PROJECT 2704-00-76

WISCONN VALLEY WAY - SOUTH

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
501+54	50154.48	0.00	15	302	0	0	0	0	0
502+00	50200.00	45.52	12	210	23	432	23	432	-409
502+50	50250.00	50.00	113	126	116	311	139	743	-604
503+00	50300.00	50.00	93	153	191	259	330	1002	-671
503+50	50350.00	50.00	36	246	119	370	450	1371	-922
504+00	50400.00	50.00	13	325	45	529	495	1900	-1406
504+50	50450.00	50.00	12	349	23	623	517	2524	-2006
505+00	50500.00	50.00	0	413	11	705	528	3229	-2700
505+50	50550.00	50.00	0	503	0	848	528	4076	-3548
506+00	50600.00	50.00	0	434	0	868	528	4945	-4416
506+50	50650.00	50.00	23	382	21	756	549	5700	-5151
507+00	50700.00	50.00	7	327	28	656	577	6356	-5779
507+50	50750.00	50.00	15	322	20	601	597	6957	-6360
508+00	50800.00	50.00	37	258	48	537	645	7494	-6849
508+50	50850.00	50.00	51	242	81	463	726	7957	-7231
509+00	50900.00	50.00	48	237	92	443	818	8400	-7582
509+50	50950.00	50.00	34	245	76	446	894	8846	-7952
510+00	51000.00	50.00	2	324	33	528	927	9373	-8447
510+50	51050.00	50.00	7	321	8	598	935	9971	-9036
511+00	51100.00	50.00	22	344	26	616	961	10587	-9626
511+50	51150.00	50.00	6	402	25	691	986	11278	-10292
512+00	51200.00	50.00	0	522	5	855	992	12133	-11142
512+50	51250.00	50.00	0	554	0	996	992	13129	-12138
513+00	51300.00	50.00	0	536	0	1009	992	14139	-13147
513+50	51350.00	50.00	0	493	0	952	992	15091	-14099
514+00	51400.00	50.00	0	529	0	946	992	16037	-15045
514+50	51450.00	50.00	0	604	0	1050	992	17087	-16095
515+00	51500.00	50.00	0	673	0	1182	992	18269	-17277
515+50	51550.00	50.00	0	684	0	1256	992	19525	-18533
516+00	51600.00	50.00	0	609	0	1197	992	20722	-19730
516+50	51650.00	50.00	0	489	0	1017	992	21739	-20747
517+00	51700.00	50.00	11	336	10	764	1002	22502	-21500
517+50	51750.00	50.00	32	261	40	553	1042	23055	-22014
518+00	51800.00	50.00	19	270	46	492	1088	23547	-22459
518+50	51850.00	50.00	24	266	39	496	1127	24043	-22916
519+00	51900.00	50.00	31	240	51	468	1179	24511	-23333
519+50	51950.00	50.00	50	234	75	439	1254	24950	-23696

PROJECT 2704-00-76

WISCONN VALLEY WAY - SOUTH (CONTINUED)

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
520+00	52000.00	50.00	53	221	95	421	1349	25371	-24022
520+50	52050.00	50.00	41	233	87	420	1436	25791	-24356
521+00	52100.00	50.00	7	316	44	508	1480	26299	-24820
521+50	52150.00	50.00	0	484	6	741	1486	27040	-25554
522+00	52200.00	50.00	0	632	0	1033	1486	28073	-26587
522+50	52250.00	50.00	0	690	0	1224	1486	29297	-27811
523+00	52300.00	50.00	0	634	0	1226	1486	30523	-29037
523+50	52350.00	50.00	0	650	0	1189	1486	31712	-30226
524+00	52400.00	50.00	0	787	0	1331	1486	33043	-31557
524+50	52450.00	50.00	0	776	0	1447	1486	34490	-33004
525+00	52500.00	50.00	0	639	0	1310	1486	35800	-34314
525+50	52550.00	50.00	0	478	0	1035	1486	36835	-35348
526+00	52600.00	50.00	0	502	0	908	1486	37742	-36256
526+50	52650.00	50.00	0	641	0	1059	1486	38801	-37314
527+00	52700.00	50.00	0	682	0	1225	1486	40026	-38540
527+50	52750.00	50.00	0	574	0	1163	1486	41189	-39702
528+00	52800.00	50.00	3	496	3	990	1489	42179	-40690
528+50	52850.00	50.00	1	574	3	990	1492	43169	-41677
529+00	52900.00	50.00	0	772	0	1246	1493	44415	-42922
529+50	52950.00	50.00	0	970	0	1613	1493	46028	-44536
530+00	53000.00	50.00	0	1095	0	1912	1493	47940	-46447
530+50	53050.00	50.00	0	1091	0	2023	1493	49963	-48471
531+00	53100.00	50.00	0	1081	0	2010	1493	51974	-50481
531+50	53150.00	50.00	0	1046	0	1969	1493	53942	-52450
532+00	53200.00	50.00	0	1111	0	1996	1493	55939	-54446
532+50	53250.00	50.00	0	1157	0	2100	1493	58038	-56546
533+00	53300.00	50.00	0	1055	0	2049	1493	60087	-58595
533+50	53350.00	50.00	0	823	0	1739	1493	61826	-60334
534+00	53400.00	50.00	0	596	0	1314	1493	63140	-61648
534+50	53450.00	50.00	3	492	3	1007	1495	64147	-62652

PROJECT 2704-00-76

WISCONN VALLEY WAY - SOUTH (CONTINUED)

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
535+00	53500.00	50.00	5	429	7	853	1502	65000	-63498
535+50	53550.00	50.00	0	628	4	979	1507	65979	-64473
536+00	53600.00	50.00	0	862	0	1380	1507	67359	-65853
536+50	53650.00	50.00	0	1118	0	1834	1507	69193	-67686
537+00	53700.00	50.00	0	1293	0	2233	1507	71425	-69919
537+50	53750.00	50.00	0	1133	0	2246	1507	73671	-72165
538+00	53800.00	50.00	0	1588	0	2519	1507	76190	-74683
538+50	53850.00	50.00	0	1070	0	2461	1507	78651	-77144
539+00	53900.00	50.00	0	1058	0	1971	1507	80622	-79115
539+50	53950.00	50.00	0	973	0	1881	1507	82502	-80996
540+00	54000.00	50.00	0	921	0	1754	1507	84256	-82749
540+50	54050.00	50.00	0	920	0	1704	1507	85960	-84454
541+00	54100.00	50.00	0	792	0	1584	1507	87545	-86038
541+50	54150.00	50.00	2	646	2	1331	1508	88876	-87367
542+00	54200.00	50.00	18	485	18	1047	1527	89923	-88396
542+50	54250.00	50.00	103	260	112	689	1638	90612	-88974
543+00	54300.00	50.00	181	172	263	400	1901	91011	-89111
543+50	54350.00	50.00	393	60	531	215	2432	91226	-88794
544+00	54400.00	50.00	587	7	907	63	3339	91289	-87949
544+50	54450.00	50.00	542	2	1045	9	4385	91298	-86913
545+00	54500.00	50.00	161	83	651	79	5036	91377	-86342
545+50	54550.00	50.00	11	333	159	386	5195	91763	-86568
546+00	54600.00	50.00	57	234	63	525	5258	92288	-87030
546+50	54650.00	50.00	202	70	240	281	5498	92569	-87071
547+00	54700.00	50.00	520	7	668	71	6167	92640	-86474
547+50	54750.00	50.00	712	0	1141	7	7308	92647	-85339
548+00	54800.00	50.00	848	0	1444	0	8752	92647	-83895
548+50	54850.00	50.00	1021	0	1730	0	10482	92647	-82165
549+00	54900.00	50.00	1214	0	2069	0	12552	92647	-80096
549+50	54950.00	50.00	1240	0	2272	0	14824	92647	-77823

PROJECT 2704-00-76

WISCONN VALLEY WAY - SOUTH (CONTINUED)

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
550+00	55000.00	50.00	1102	0	2169	0	16993	92647	-75654
550+50	55050.00	50.00	990	0	1937	0	18929	92647	-73718
551+00	55100.00	50.00	914	0	1763	0	20692	92647	-71955
551+50	55150.00	50.00	913	0	1692	0	22384	92647	-70263
552+00	55200.00	50.00	974	0	1748	0	24132	92647	-68516
552+50	55250.00	50.00	772	0	1617	0	25749	92647	-66899
553+00	55300.00	50.00	485	9	1164	8	26913	92655	-65742
553+50	55350.00	50.00	303	67	730	70	27643	92726	-65083
554+00	55400.00	50.00	132	177	403	225	28046	92951	-64906
554+50	55450.00	50.00	3	311	125	452	28171	93403	-65232
555+00	55500.00	50.00	0	491	3	743	28174	94146	-65972
555+50	55550.00	50.00	0	146	0	590	28174	94736	-66562
556+00	55600.00	50.00	0	161	0	285	28174	95021	-66847
556+04	55604.11	4.11	0	168	0	25	28174	95046	-66872
					28174	95046			-66872

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PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	EARTHWORK DATA: WISCONN VALLEY WAY	SHEET:	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WIS 11\Plansheets\13202370\090101_EW.ppt PLOT DATE : 11/29/2018 1:28:55 PM PLOT BY : NICK BOBINSKI PLOT NAME : 090101_EW1 PLOT SCALE : 1:1

PROJECT 2704-00-76

WISCONN VALLEY WAY - NORTH

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
557+24	55724.12	0.00	37	95	0	0	0	0	0
557+50	55750.00	25.88	59	60	56	57	56	57	-1
558+00	55800.00	50.00	182	251	222	288	278	345	-67
558+50	55850.00	50.00	174	235	329	450	607	795	-188
559+00	55900.00	50.00	27	322	186	515	793	1310	-517
559+50	55950.00	50.00	3	354	28	626	821	1936	-1115
560+00	56000.00	50.00	20	346	21	648	842	2584	-1742
560+50	56050.00	50.00	53	296	67	594	909	3179	-2270
561+00	56100.00	50.00	11	367	59	614	968	3792	-2824
561+50	56150.00	50.00	0	494	11	797	979	4589	-3611
562+00	56200.00	50.00	0	701	0	1106	979	5695	-4717
562+50	56250.00	50.00	0	838	0	1425	979	7120	-6141
563+00	56300.00	50.00	0	829	0	1544	979	8664	-7685
563+50	56350.00	50.00	0	780	0	1490	979	10154	-9175
564+00	56400.00	50.00	0	594	0	1272	979	11426	-10447
564+50	56450.00	50.00	0	508	0	1020	979	12446	-11468
565+00	56500.00	50.00	0	470	0	905	979	13352	-12373
565+50	56550.00	50.00	0	381	0	788	979	14140	-13161
566+00	56600.00	50.00	5	292	5	623	983	14763	-13780
566+50	56650.00	50.00	51	181	52	438	1035	15201	-14166
567+00	56700.00	50.00	110	96	149	256	1184	15457	-14274
567+50	56750.00	50.00	123	83	216	166	1400	15624	-14224
568+00	56800.00	50.00	79	151	188	217	1587	15840	-14253
568+50	56850.00	50.00	35	194	105	319	1693	16160	-14467
569+00	56900.00	50.00	12	246	44	407	1736	16567	-14831
569+50	56950.00	50.00	6	272	17	480	1753	17047	-15294
570+00	57000.00	50.00	0	384	5	608	1758	17655	-15896
570+50	57050.00	50.00	0	350	0	680	1758	18334	-16576
571+00	57100.00	50.00	0	679	0	953	1758	19287	-17529
571+50	57150.00	50.00	13	620	12	1203	1770	20490	-18720
572+00	57200.00	50.00	66	174	73	735	1842	21225	-19383
572+50	57250.00	50.00	131	115	183	268	2025	21494	-19469
573+00	57300.00	50.00	206	24	313	129	2337	21622	-19285
573+50	57350.00	50.00	257	22	429	43	2767	21665	-18898
574+00	57400.00	50.00	279	59	497	75	3263	21740	-18477
574+50	57450.00	50.00	209	107	452	154	3715	21894	-18179

PROJECT 2704-00-76

WISCONN VALLEY WAY - NORTH (CONTINUED)

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
575+00	57500.00	50.00	90	183	277	268	3992	22162	-18170
575+50	57550.00	50.00	33	271	114	421	4106	22583	-18477
576+00	57600.00	50.00	56	227	83	461	4189	23044	-18855
576+50	57650.00	50.00	102	163	146	361	4335	23405	-19069
577+00	57700.00	50.00	92	182	179	320	4515	23724	-19209
577+50	57750.00	50.00	39	281	122	429	4636	24153	-19517
578+00	57800.00	50.00	0	494	36	717	4673	24870	-20198
578+50	57850.00	50.00	0	700	0	1105	4673	25975	-21303
579+00	57900.00	50.00	0	667	0	1265	4673	27241	-22568
579+50	57950.00	50.00	0	585	0	1159	4673	28400	-23728
580+00	58000.00	50.00	2	391	2	904	4675	29304	-24629
580+50	58050.00	50.00	49	234	48	579	4723	29883	-25160
581+00	58100.00	50.00	101	179	139	383	4862	30265	-25403
581+50	58150.00	50.00	98	166	185	320	5046	30585	-25539
582+00	58200.00	50.00	87	166	171	308	5218	30893	-25675
582+50	58250.00	50.00	89	162	163	304	5381	31196	-25815
583+00	58300.00	50.00	100	143	175	283	5556	31479	-25923
583+50	58350.00	50.00	110	135	195	258	5751	31737	-25986
584+00	58400.00	50.00	128	113	221	230	5972	31967	-25995
584+50	58450.00	50.00	164	70	270	170	6242	32137	-25894
585+00	58500.00	50.00	198	41	335	103	6578	32239	-25662
585+50	58550.00	50.00	200	35	369	70	6946	32310	-25363
586+00	58600.00	50.00	209	32	378	62	7325	32372	-25047
586+50	58650.00	50.00	191	47	370	73	7695	32445	-24751
587+00	58700.00	50.00	191	52	354	91	8048	32537	-24488
587+50	58750.00	50.00	185	45	348	89	8397	32626	-24229
588+00	58800.00	50.00	174	66	333	102	8729	32728	-23999
588+50	58850.00	50.00	161	83	310	137	9040	32865	-23826
589+00	58900.00	50.00	160	86	297	156	9337	33022	-23685
589+50	58950.00	50.00	119	124	258	195	9595	33216	-23622

PROJECT 2704-00-76

WISCONN VALLEY WAY - NORTH (CONTINUED)

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
590+00	59000.00	50.00	85	169	189	271	9783	33488	-23704
590+50	59050.00	50.00	84	169	156	313	9939	33801	-23862
591+00	59100.00	50.00	94	160	164	304	10103	34105	-24002
591+50	59150.00	50.00	73	196	154	329	10258	34435	-24177
592+00	59200.00	50.00	8	289	75	449	10332	34884	-24552
592+50	59250.00	50.00	20	314	26	558	10358	35442	-25084
593+00	59300.00	50.00	55	264	69	536	10428	35978	-25550
593+50	59350.00	50.00	57	266	104	491	10531	36469	-25938
594+00	59400.00	50.00	71	275	119	501	10650	36971	-26321
594+50	59450.00	50.00	83	253	143	489	10793	37460	-26667
595+00	59500.00	50.00	126	172	194	394	10987	37854	-26867
595+50	59550.00	50.00	195	100	297	252	11283	38105	-26822
596+00	59600.00	50.00	228	56	391	144	11674	38249	-26575
596+50	59650.00	50.00	225	41	419	89	12093	38338	-26245
597+00	59700.00	50.00	168	71	364	103	12457	38442	-25985
597+50	59750.00	50.00	96	166	244	219	12701	38661	-25960
598+00	59800.00	50.00	65	207	148	345	12849	39006	-26157
598+50	59850.00	50.00	49	232	105	406	12955	39412	-26457
599+00	59900.00	50.00	42	237	84	434	13039	39846	-26807
599+50	59950.00	50.00	65	194	98	400	13137	40246	-27108
600+00	60000.00	50.00	144	111	193	283	13330	40528	-27198
600+50	60050.00	50.00	250	53	365	152	13695	40680	-26985
601+00	60100.00	50.00	262	67	475	111	14169	40791	-26622
601+50	60150.00	50.00	193	103	421	157	14590	40948	-26358
602+00	60200.00	50.00	89	156	261	239	14851	41188	-26337
602+50	60250.00	50.00	46	203	125	332	14976	41519	-26544
603+00	60300.00	50.00	15	244	57	413	15032	41933	-26900
603+50	60350.00	50.00	5	245	19	453	15051	42385	-27335
604+00	60400.00	50.00	60	190	61	403	15111	42788	-27677
604+50	60450.00	50.00	70	186	121	348	15232	43136	-27904
605+00	60500.00	50.00	86	198	144	356	15376	43491	-28115
605+29	60529.12	29.12	49	250	72	242	15449	43733	-28284
					15449	43733			-28284

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PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	EARTHWORK DATA: WISCONN VALLEY WAY	SHEET:	E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Design\DGN Files\WIS 11\Plansheets\13202370\090101_EW.ppt PLOT DATE : 11/29/2018 1:28:55 PM PLOT BY : NICK BOBINSKI PLOT NAME : 090101_EW1 PLOT SCALE : 1:1

PROJECT 2704-00-76
BRAUN ROAD

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut	Cumulative Vol (CY) Fill	Mass Ordinate
54+36 AH	5436.41	0.00	335	63	0	0	0	0	0
A 54+50	5450.00	13.59	337	65	169	32	169	32	137
A 55+00	5500.00	50.00	389	60	672	115	841	147	694
A 55+50	5550.00	50.00	402	36	733	89	1574	236	1337
A 56+00	5600.00	50.00	450	32	789	63	2363	300	2064
A 56+50	5650.00	50.00	521	25	898	53	3262	353	2909
A 57+00	5700.00	50.00	541	8	983	31	4244	383	3861
A 57+50	5750.00	50.00	494	11	958	17	5202	400	4802
A 58+00	5800.00	50.00	428	6	853	16	6056	416	5640
A 58+50	5850.00	50.00	321	27	693	31	6749	447	6302
A 59+00	5900.00	50.00	214	60	496	81	7245	528	6717
A 59+50	5950.00	50.00	164	99	350	147	7595	675	6919
A 60+00	6000.00	50.00	157	110	297	193	7891	869	7023
A 60+50	6050.00	50.00	120	145	256	236	8147	1104	7043
A 61+00	6100.00	50.00	116	160	219	283	8366	1387	6979
A 61+50	6150.00	50.00	92	168	193	304	8559	1692	6867
A 62+00	6200.00	50.00	106	167	183	310	8742	2002	6740
A 62+50	6250.00	50.00	142	116	229	262	8971	2264	6708
A 63+00	6300.00	50.00	249	77	361	178	9333	2442	6891
A 63+50	6350.00	50.00	253	56	464	123	9797	2565	7232
A 64+00	6400.00	50.00	190	91	410	136	10208	2701	7507
A 64+50	6450.00	50.00	93	145	262	219	10470	2920	7550
A 65+00	6500.00	50.00	66	172	147	294	10617	3213	7403
A 65+50	6550.00	50.00	59	141	116	290	10732	3503	7229
A 66+00	6600.00	50.00	16	220	70	335	10802	3838	6964
A 66+50	6650.00	50.00	4	484	18	653	10821	4491	6330
A 67+00	6700.00	50.00	0	613	4	1016	10824	5507	5317
A 67+50	6750.00	50.00	0	624	0	1145	10824	6652	4173
A 68+00	6800.00	50.00	0	610	0	1142	10824	7794	3030
A 68+50	6850.00	50.00	0	315	0	856	10824	8650	2175
A 69+00	6900.00	50.00	0	208	0	484	10824	9133	1691
A 69+50	6950.00	50.00	5	69	4	256	10828	9389	1439
A 70+00	7000.00	50.00	68	31	68	92	10896	9482	1414
A 70+50	7050.00	50.00	153	22	205	49	11101	9531	1570
A 71+00	7100.00	50.00	244	208	367	213	11468	9744	1724
A 71+50	7150.00	50.00	203	205	414	382	11882	10126	1756
A 71+75 BK	7175.00	25.00	204	201	189	188	12070	10314	1757
					12,070	10,314			

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PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	EARTHWORK DATA: WISCONN VALLEY WAY	SHEET:	E

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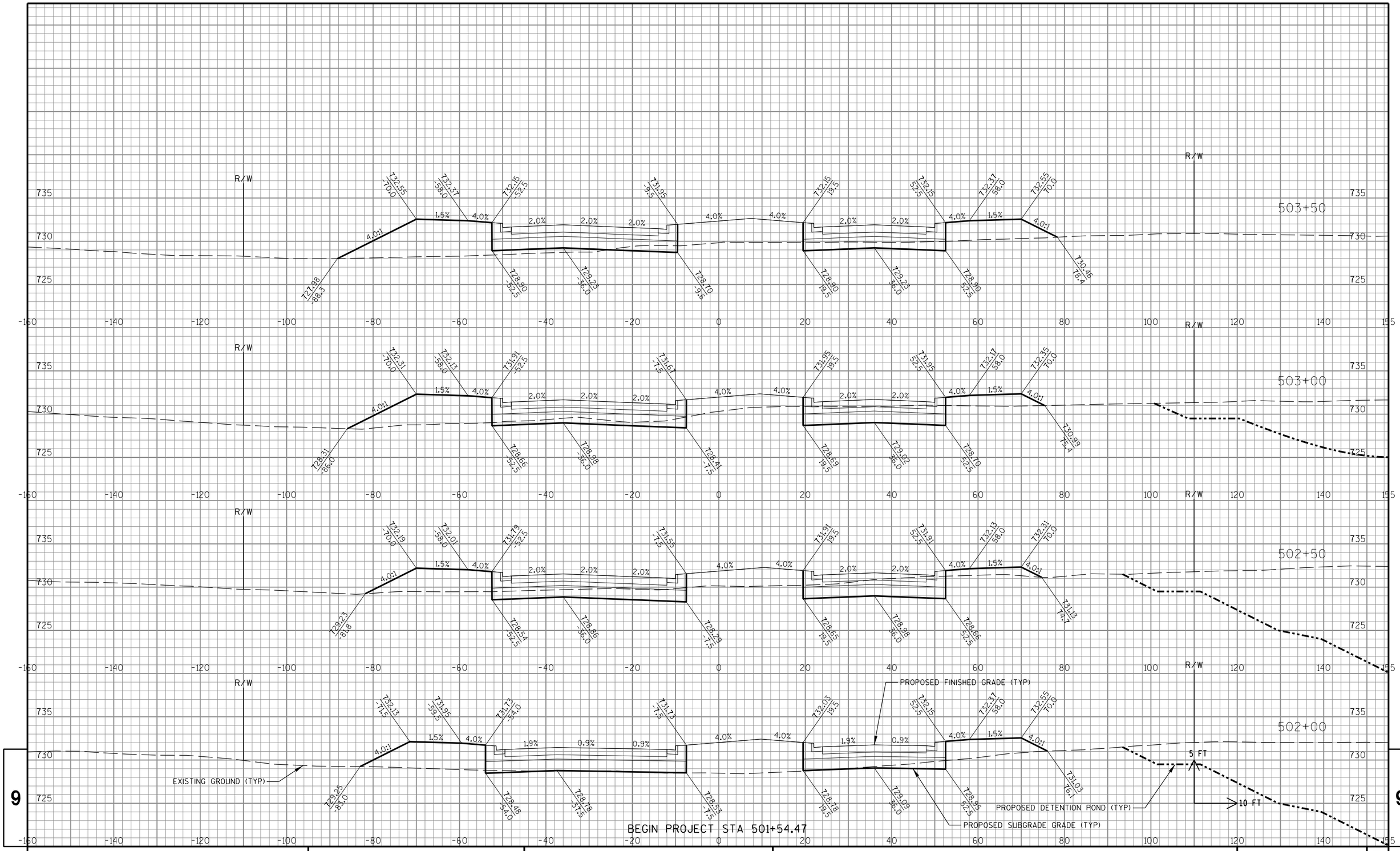

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STATE PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: WISCONN VALLEY WAY	SHEET NO: .	E

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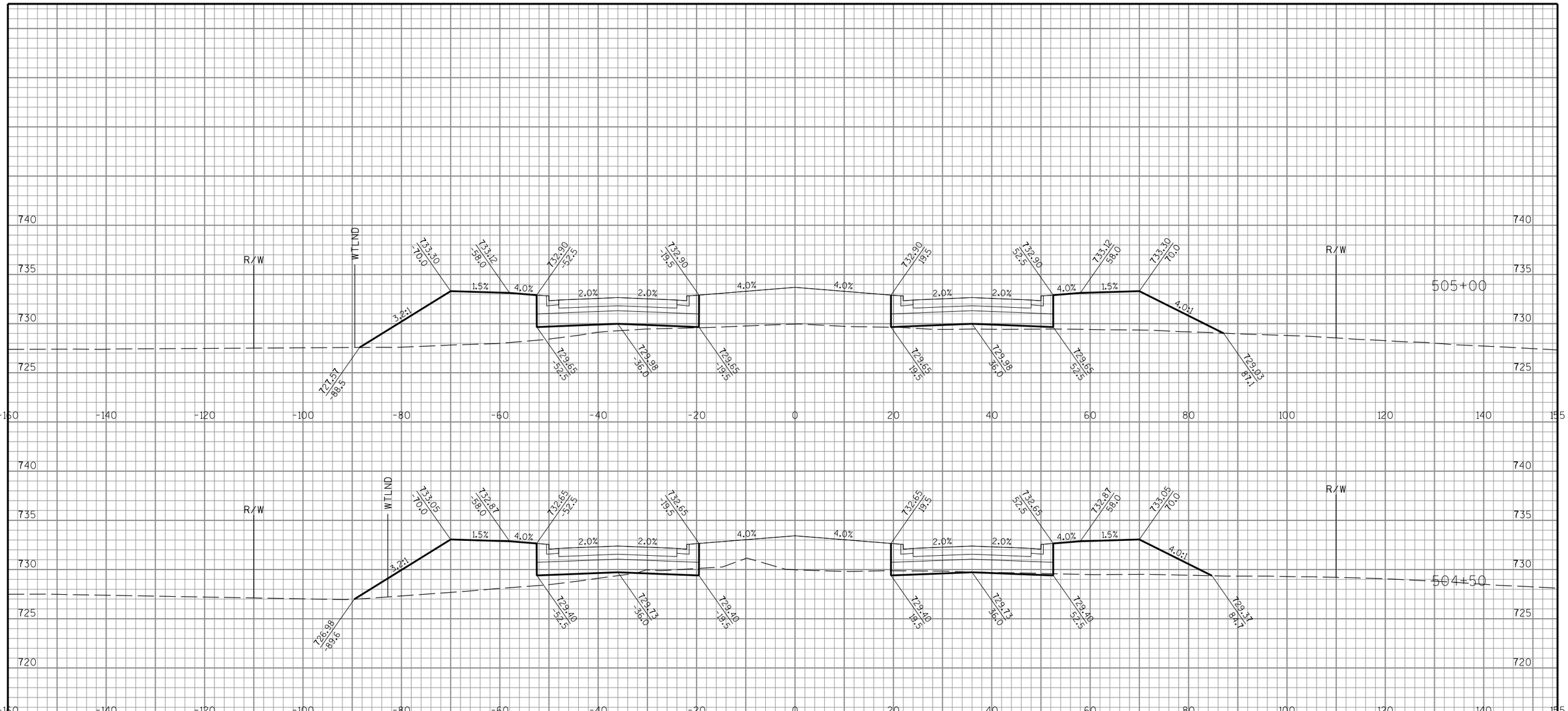

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STATE PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: WISCONN VALLEY WAY	SHEET NO: .	E

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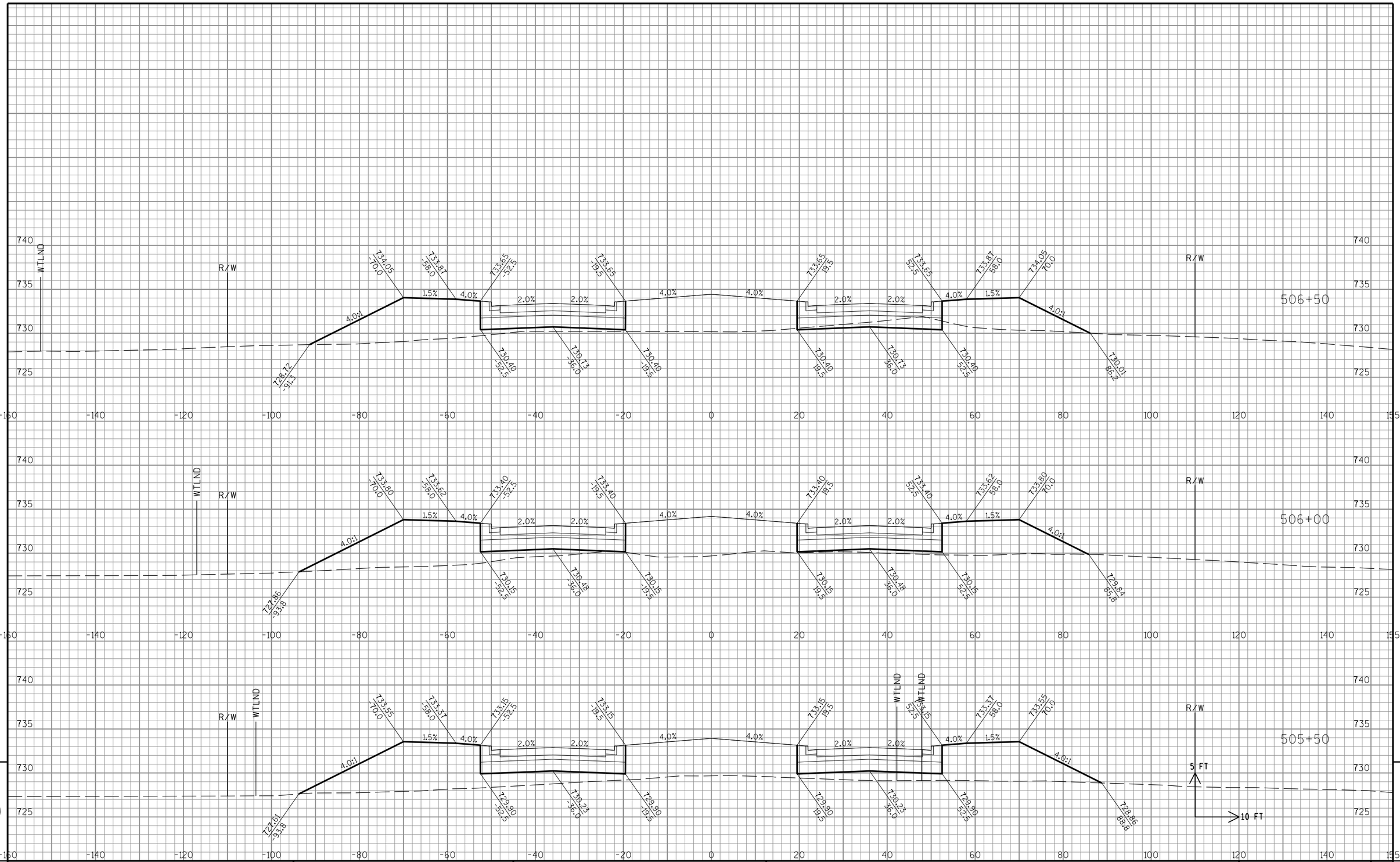

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STATE PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: WISCONN VALLEY WAY	SHEET NO: .	E

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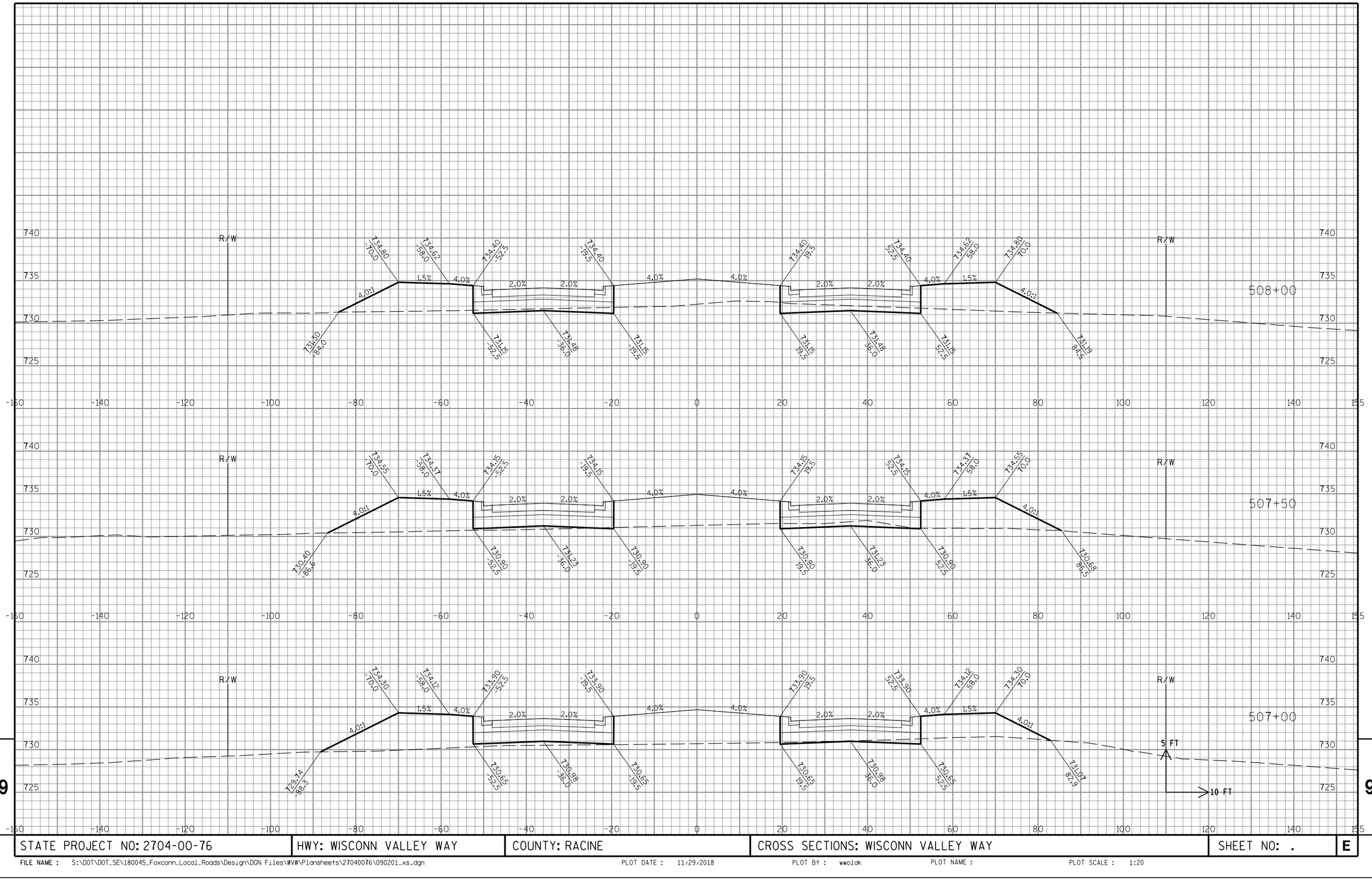

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STATE PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: WISCONN VALLEY WAY	SHEET NO: .	E

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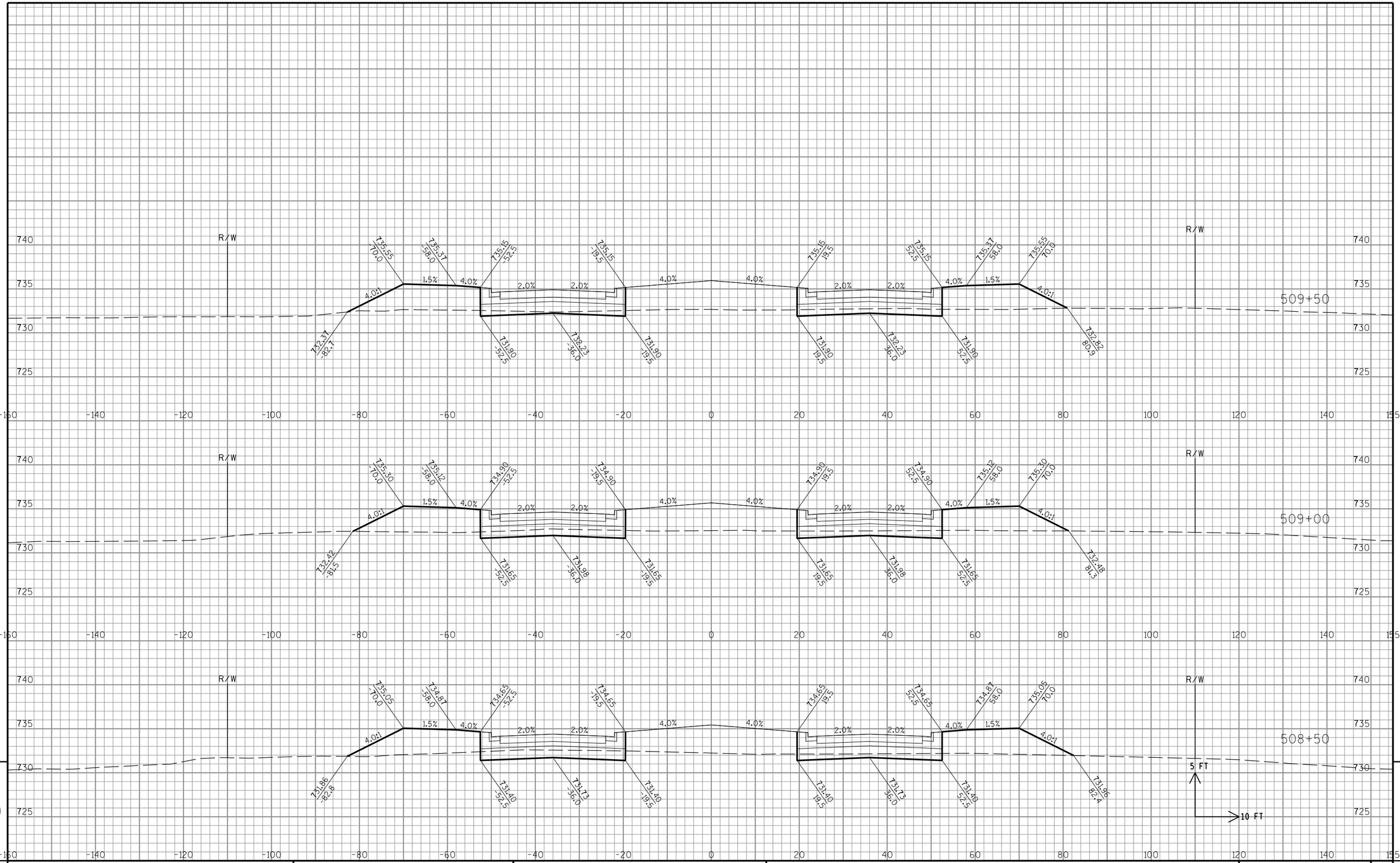

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STATE PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: WISCONN VALLEY WAY	SHEET NO: .	E

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STATE PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: WISCONN VALLEY WAY	SHEET NO: .	E

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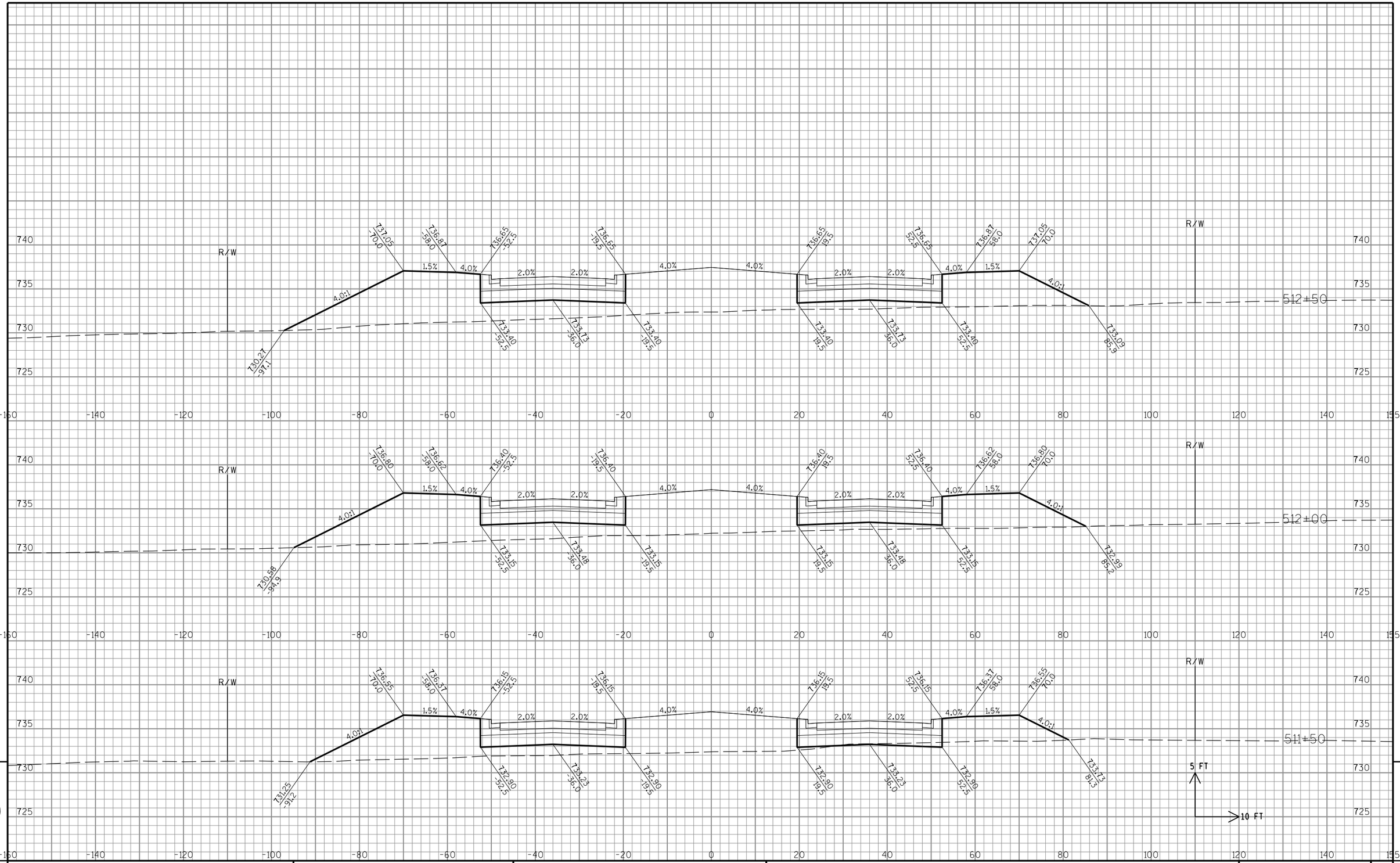

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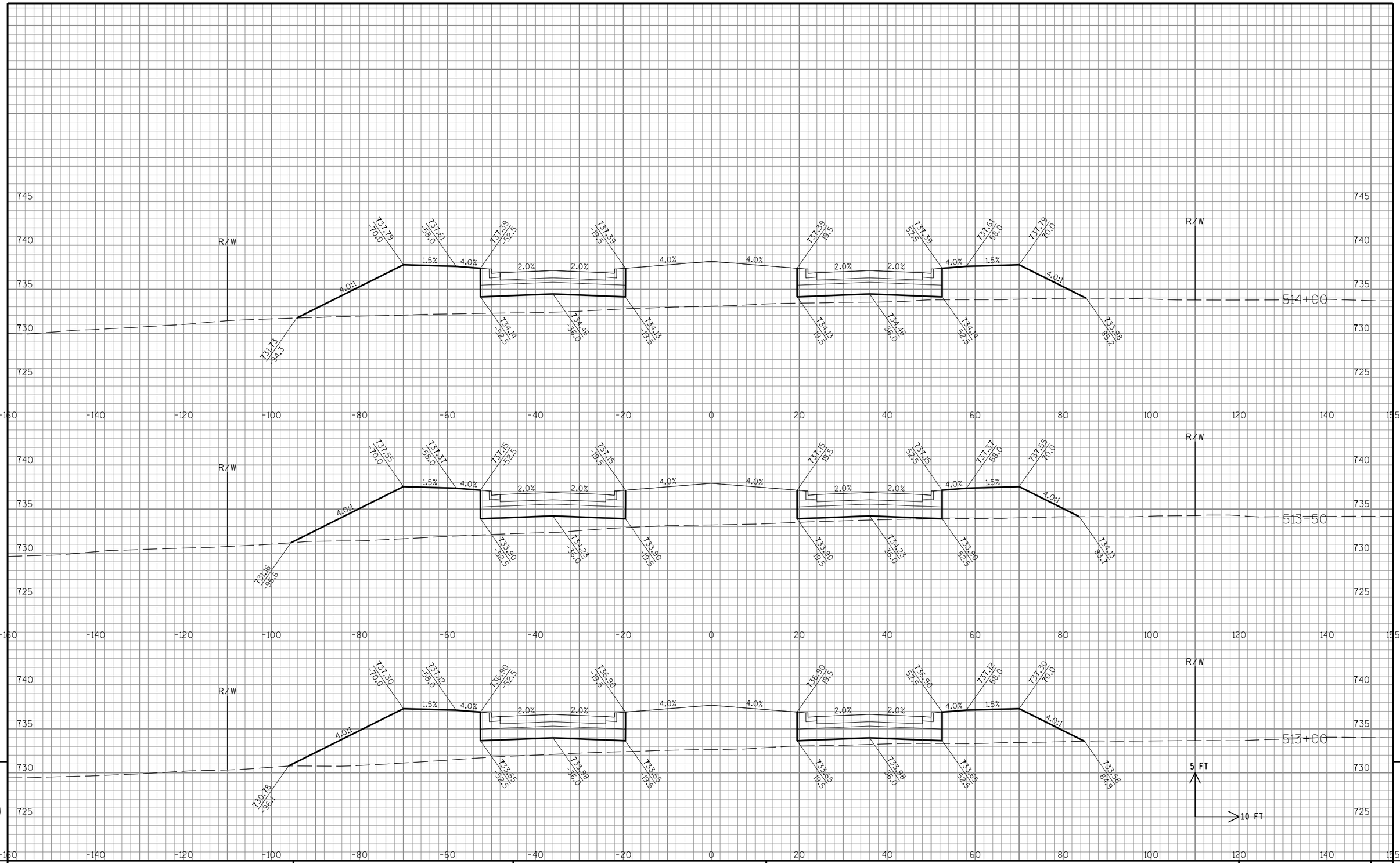

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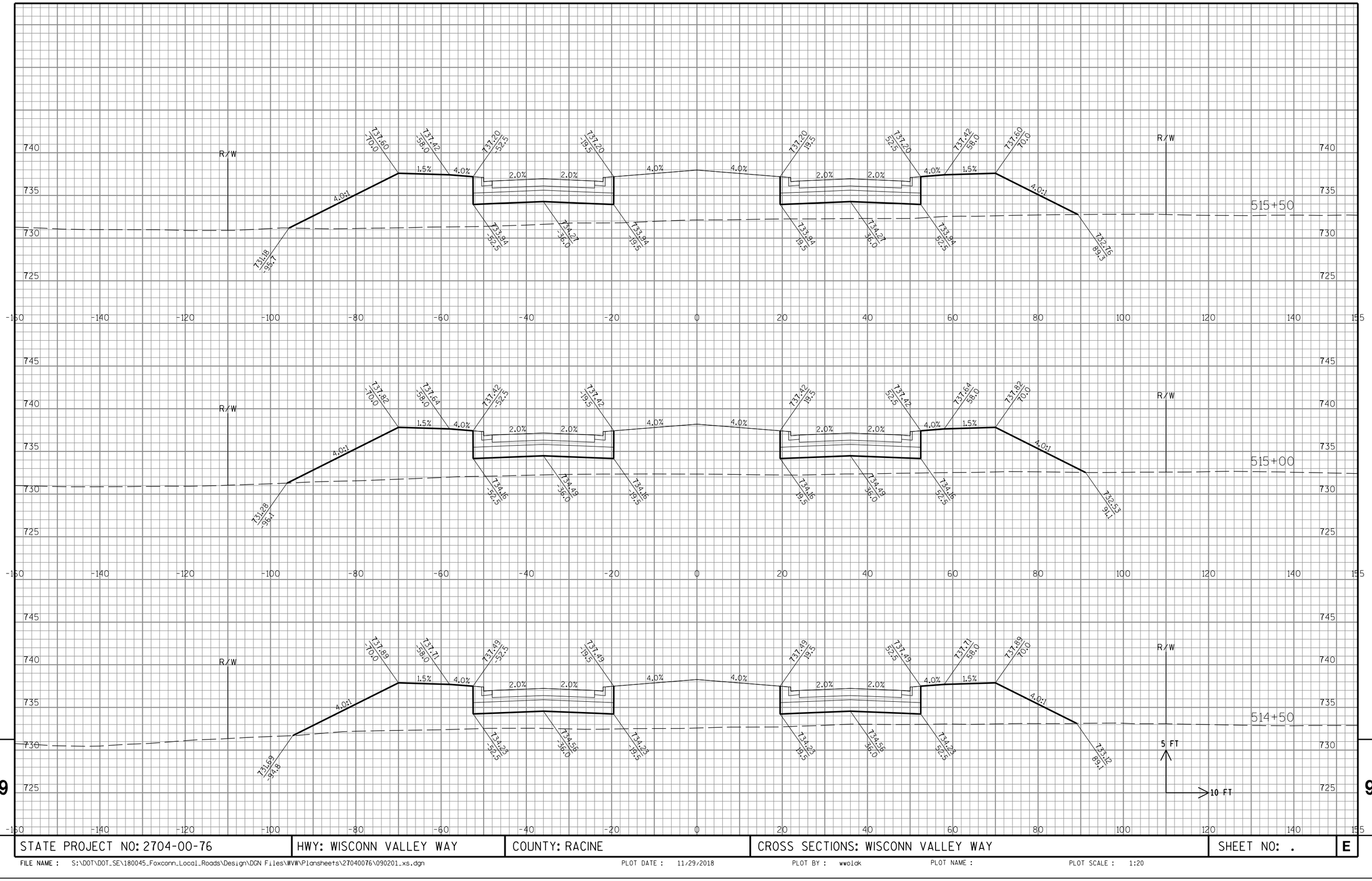

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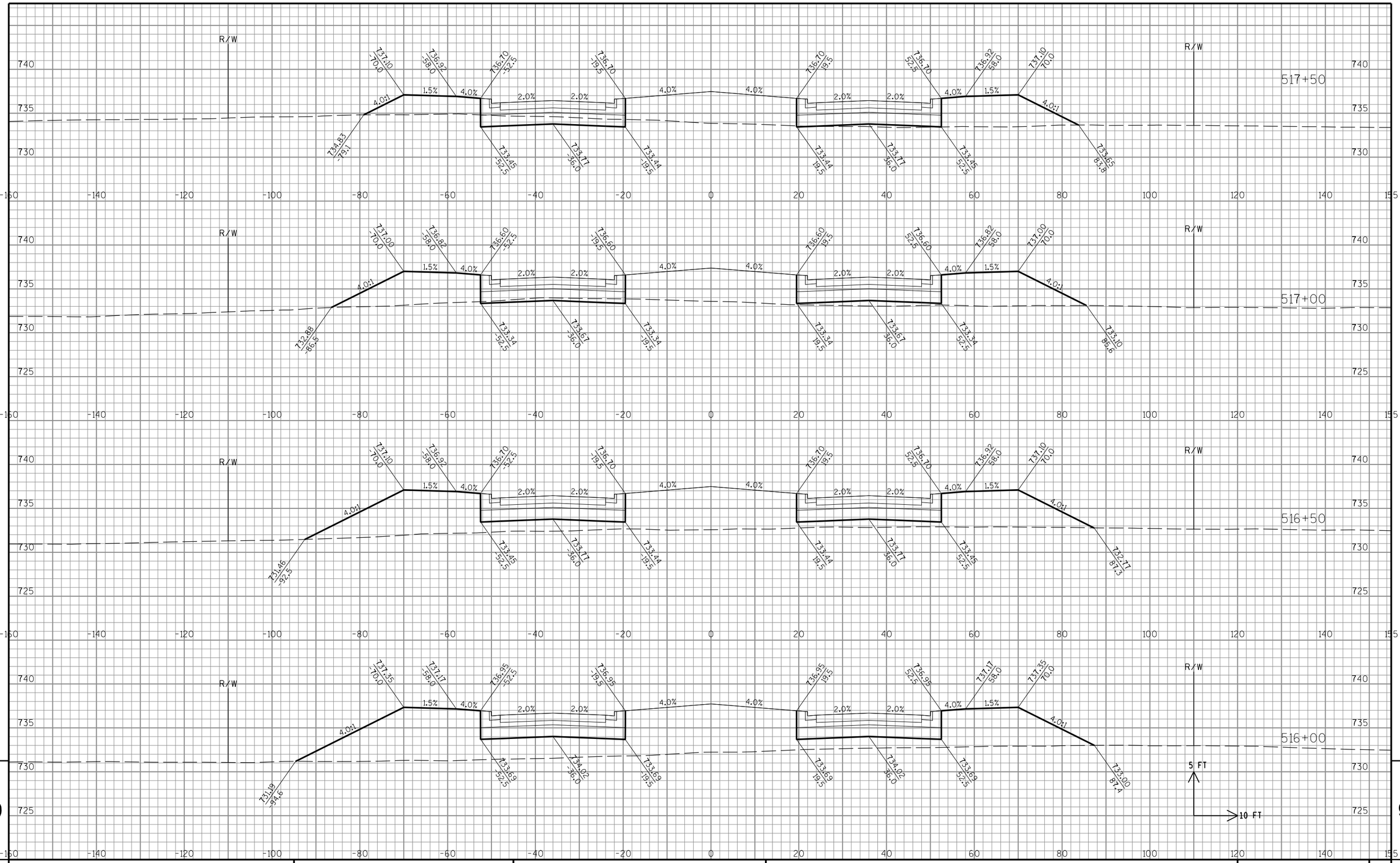

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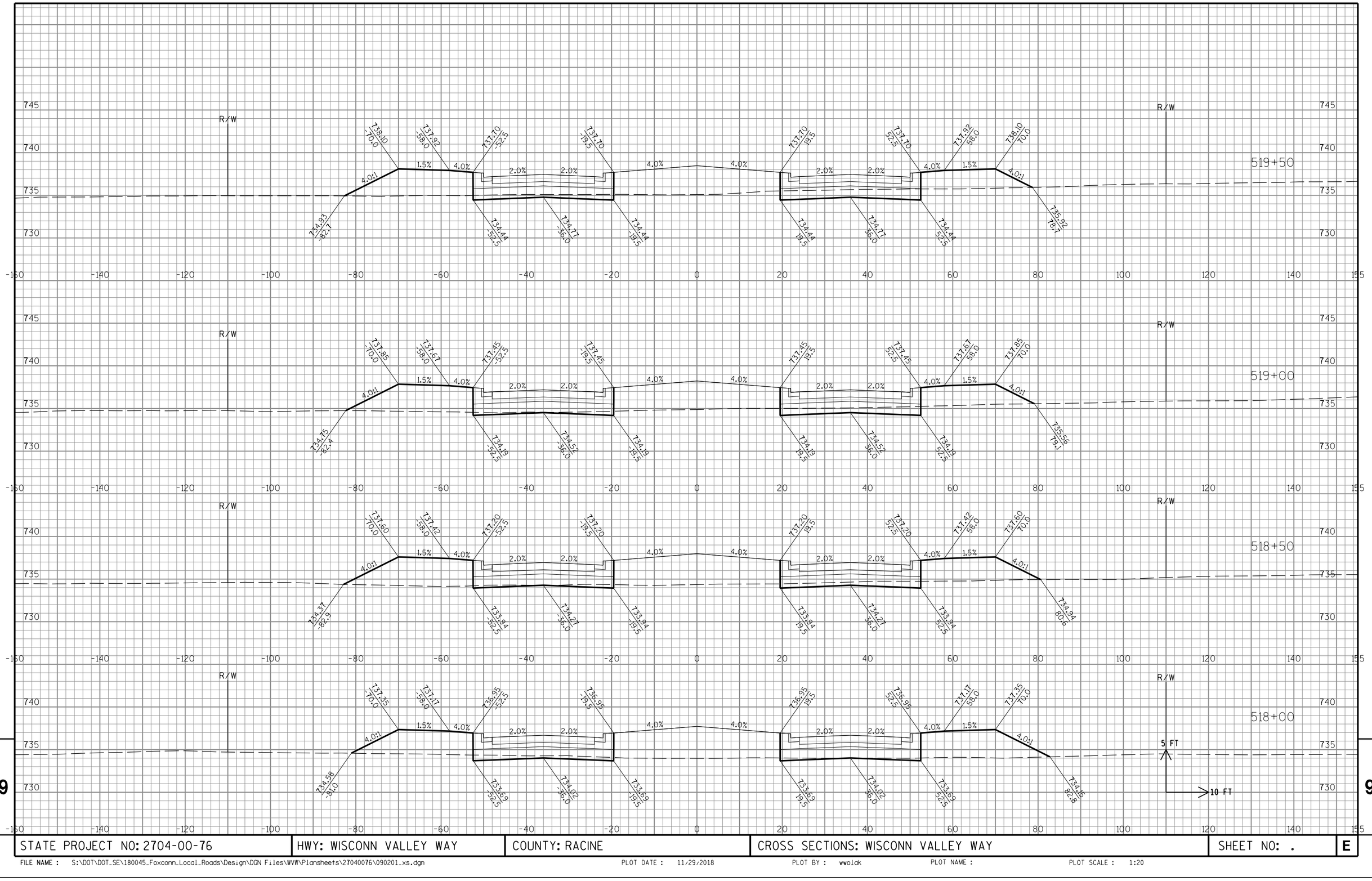

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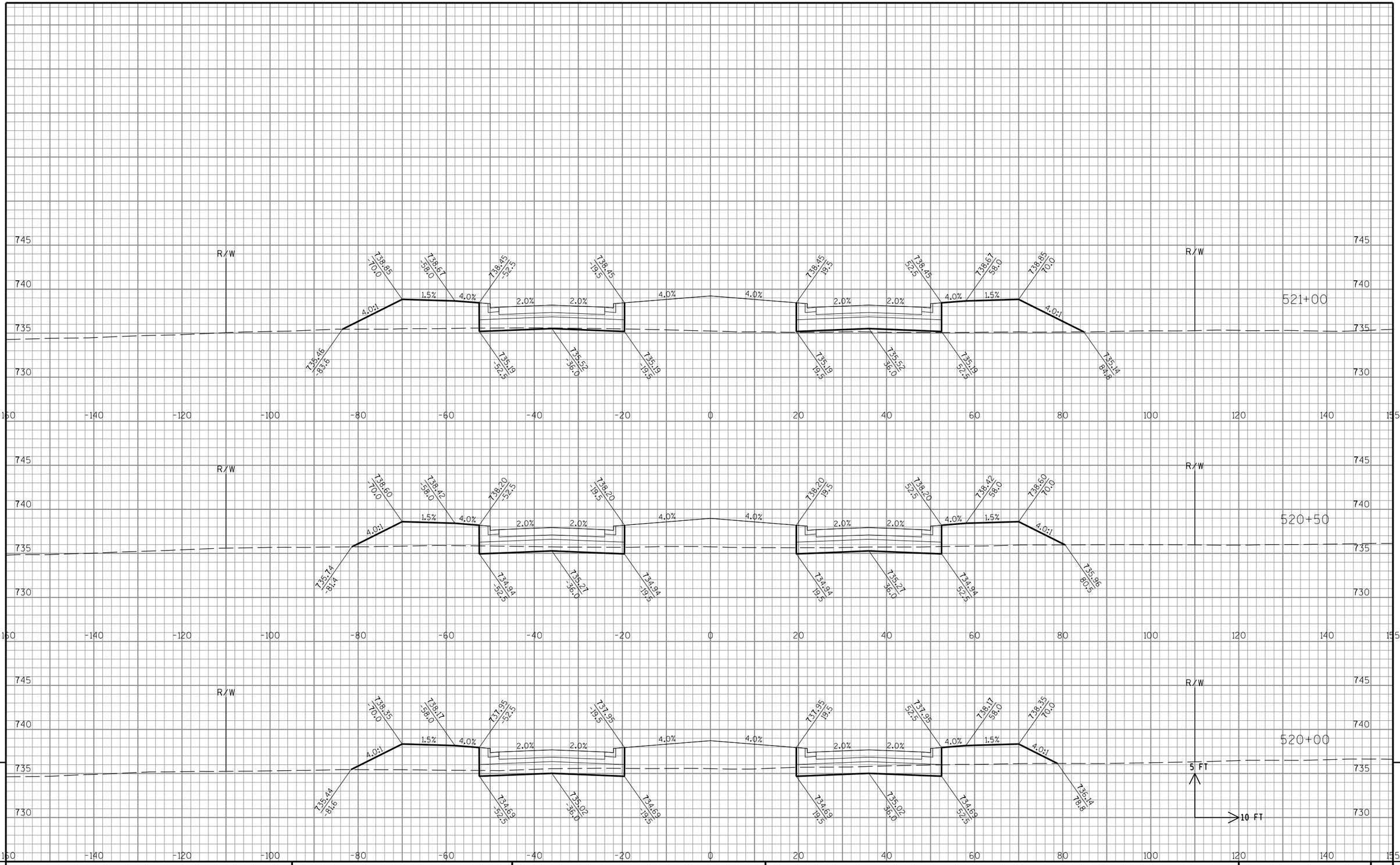

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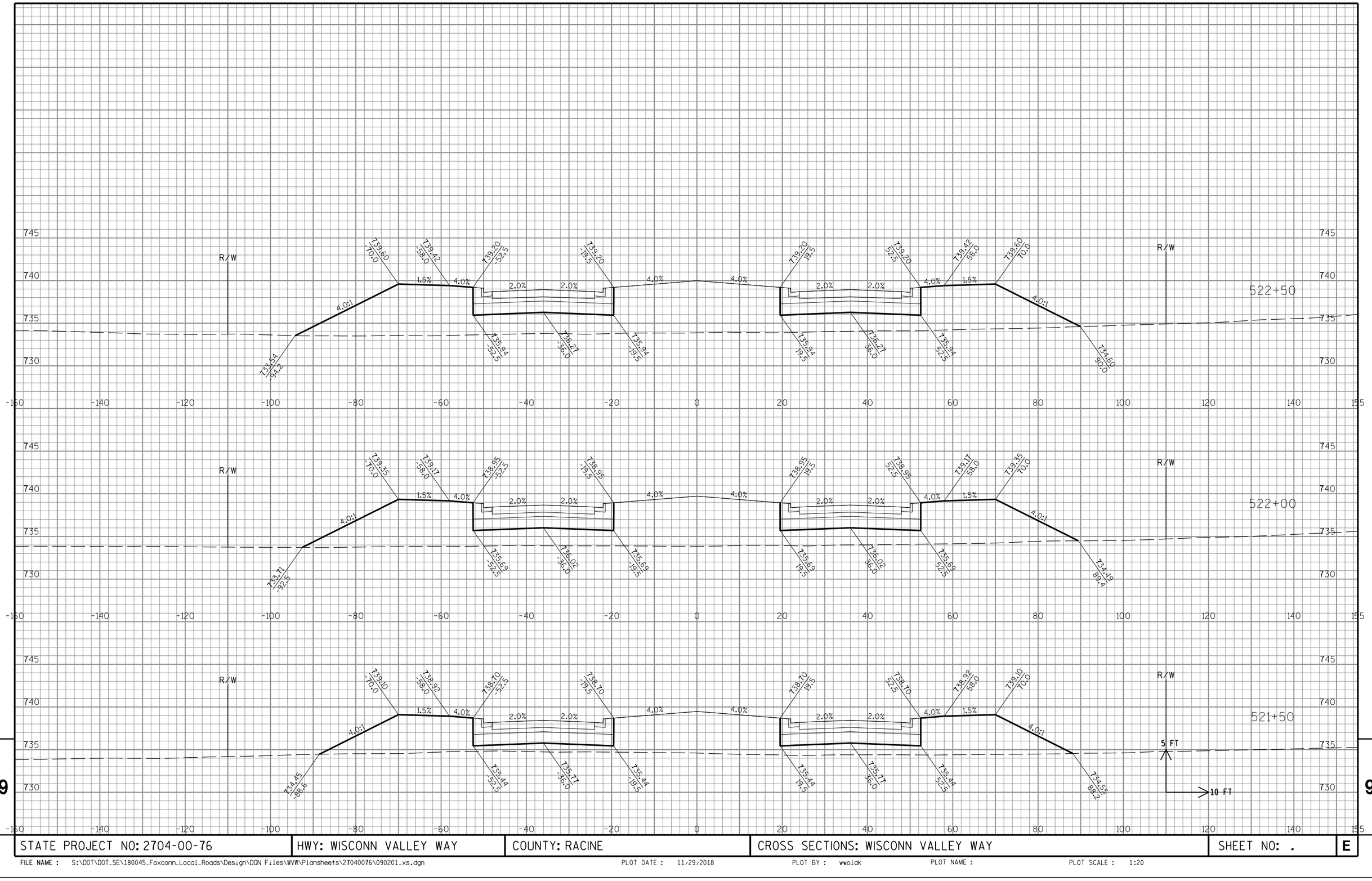

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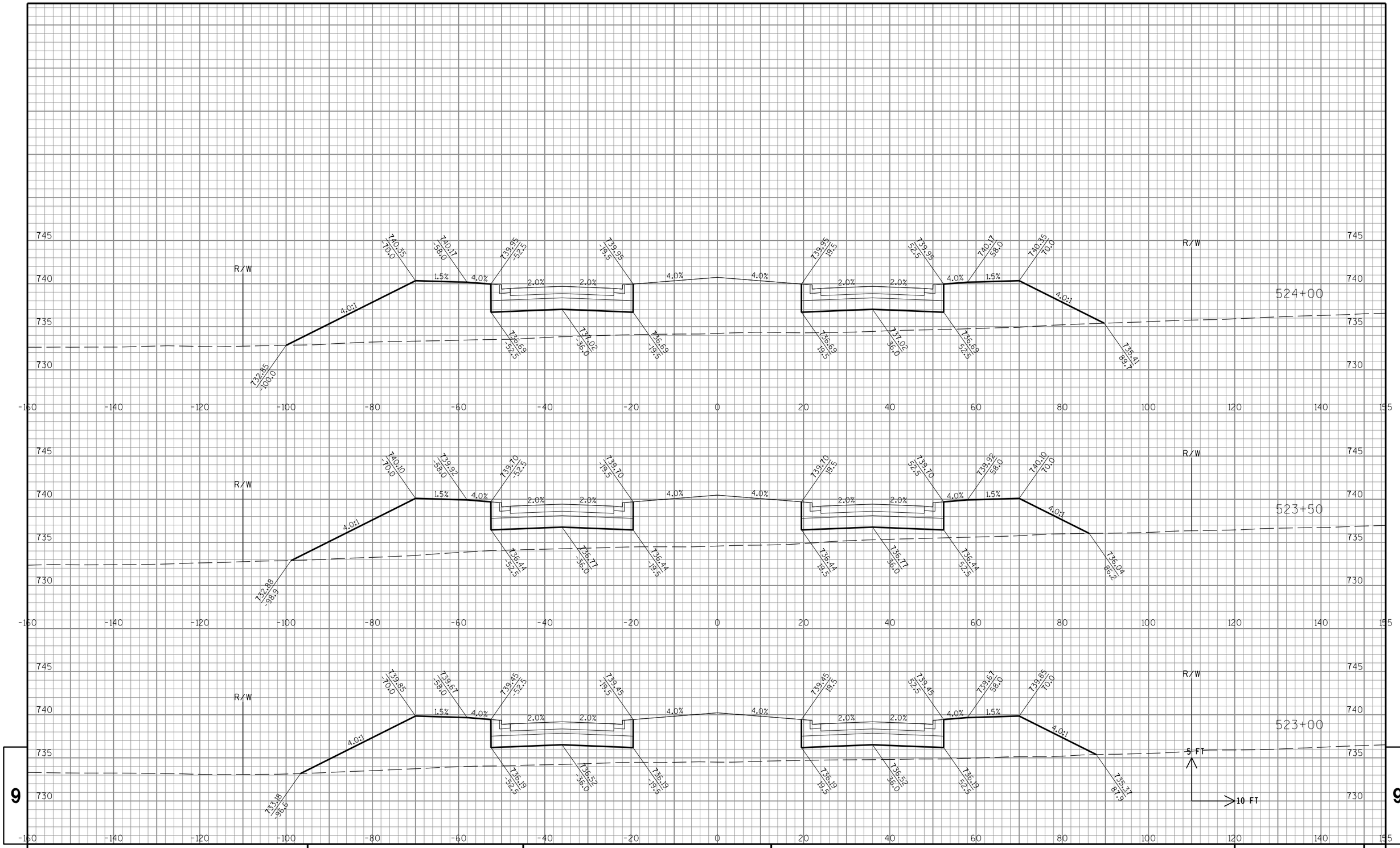

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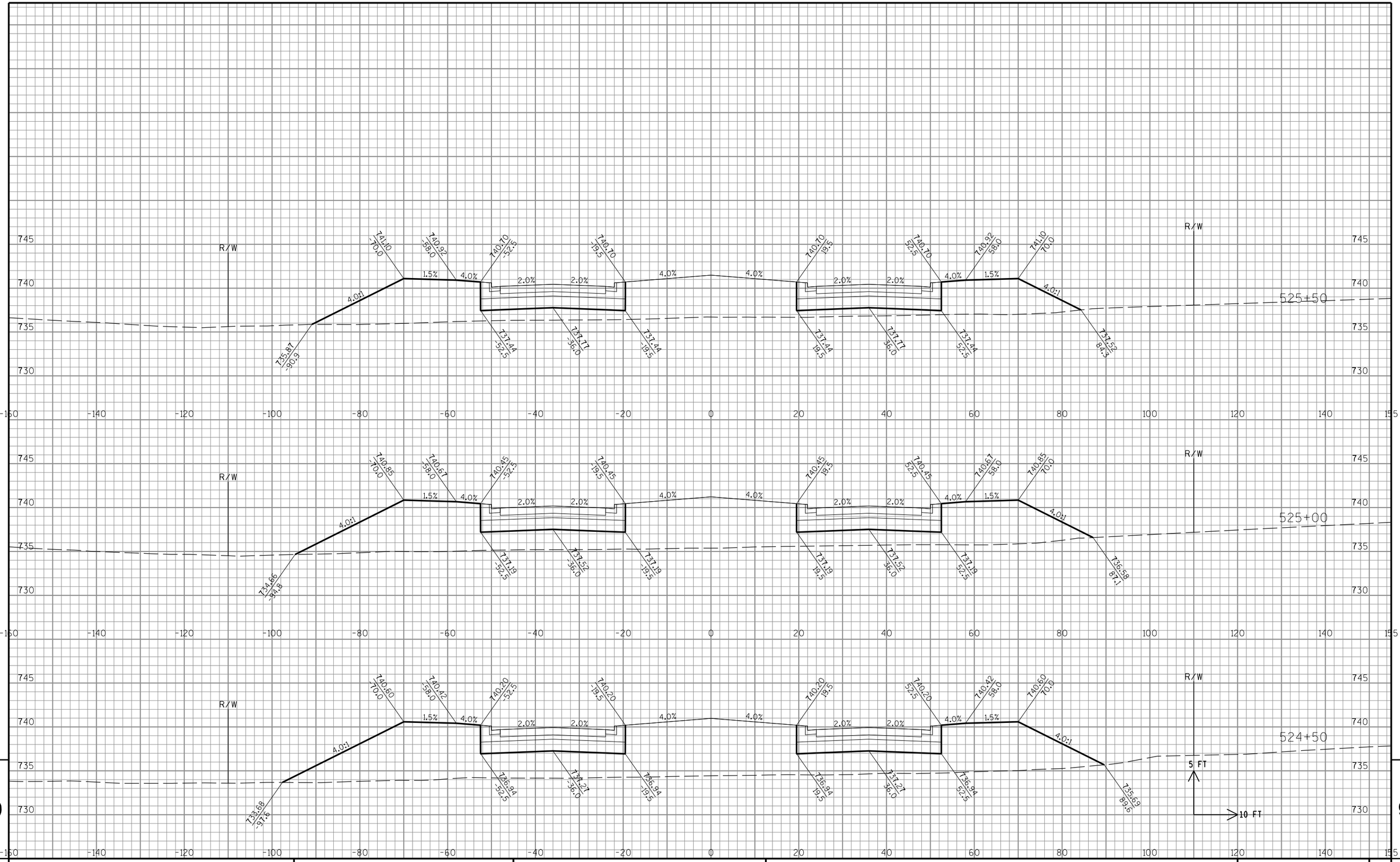

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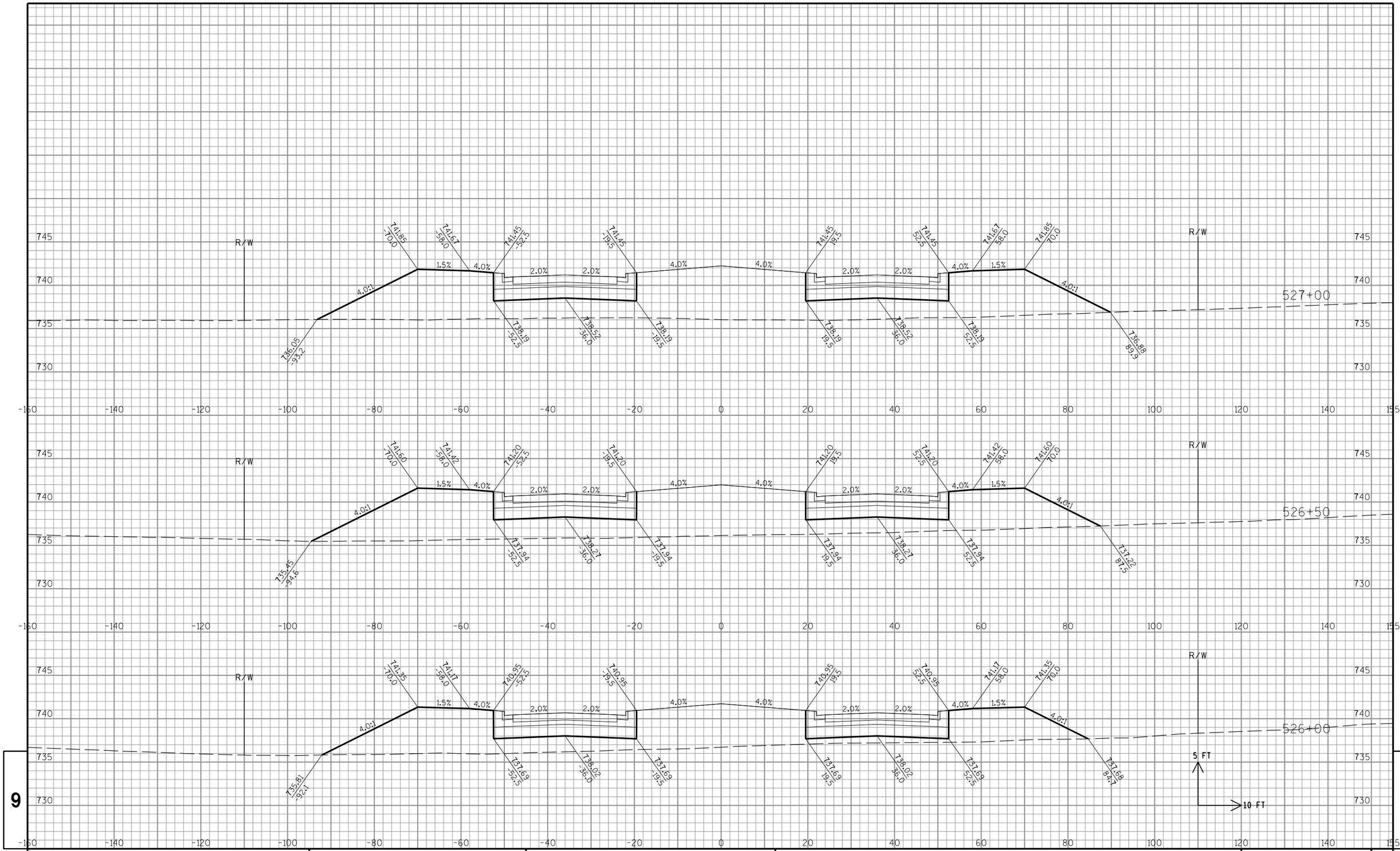

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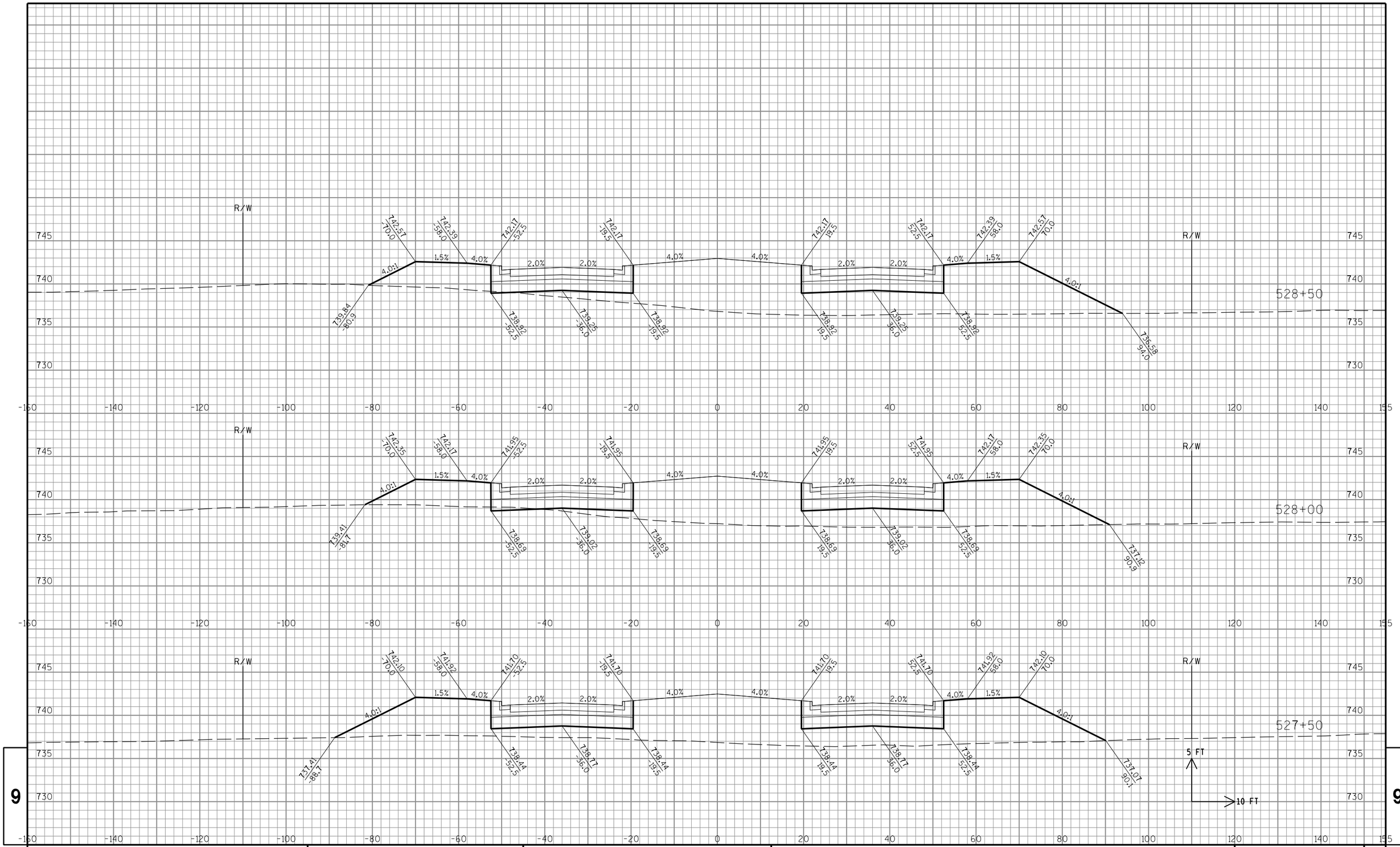

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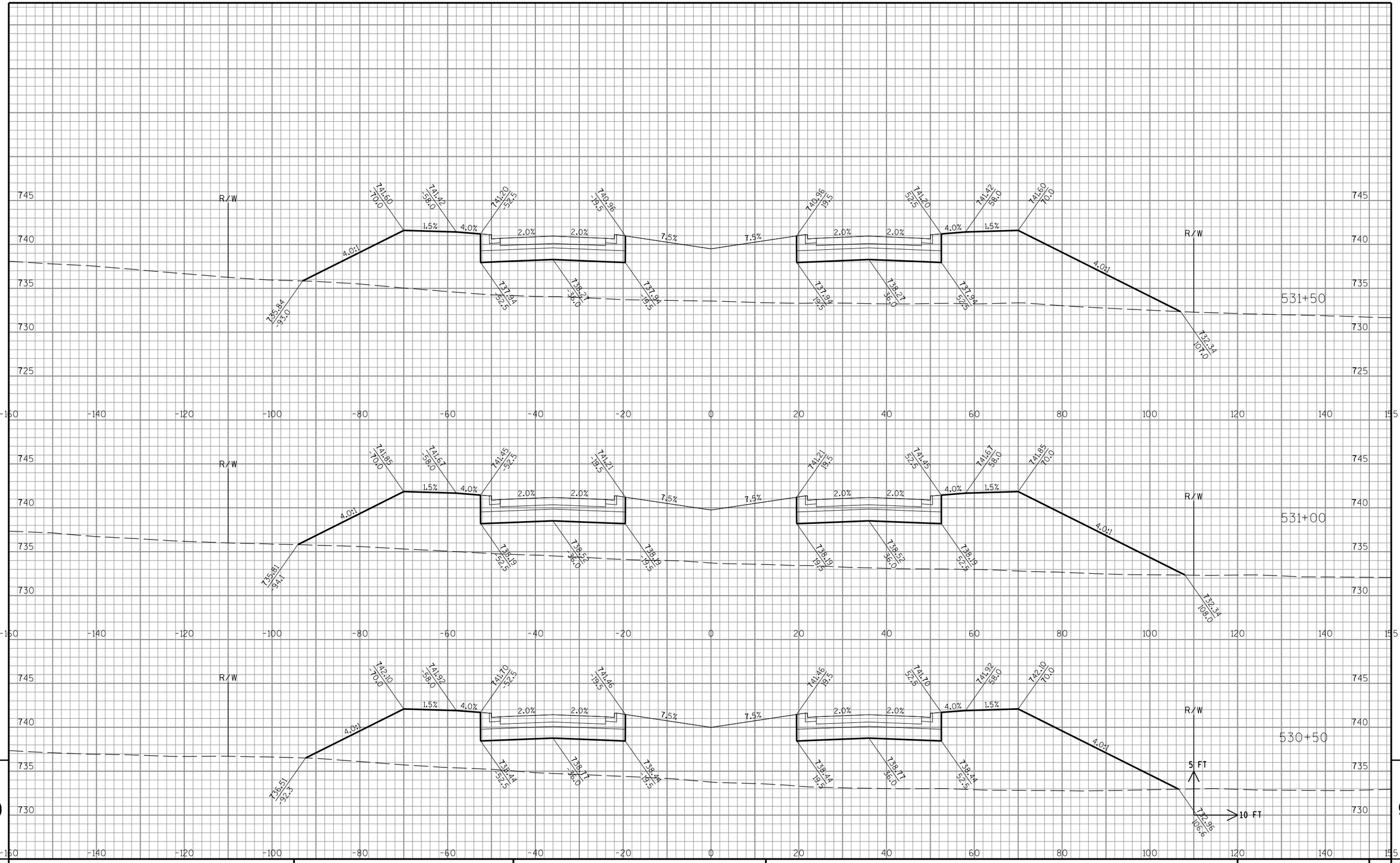

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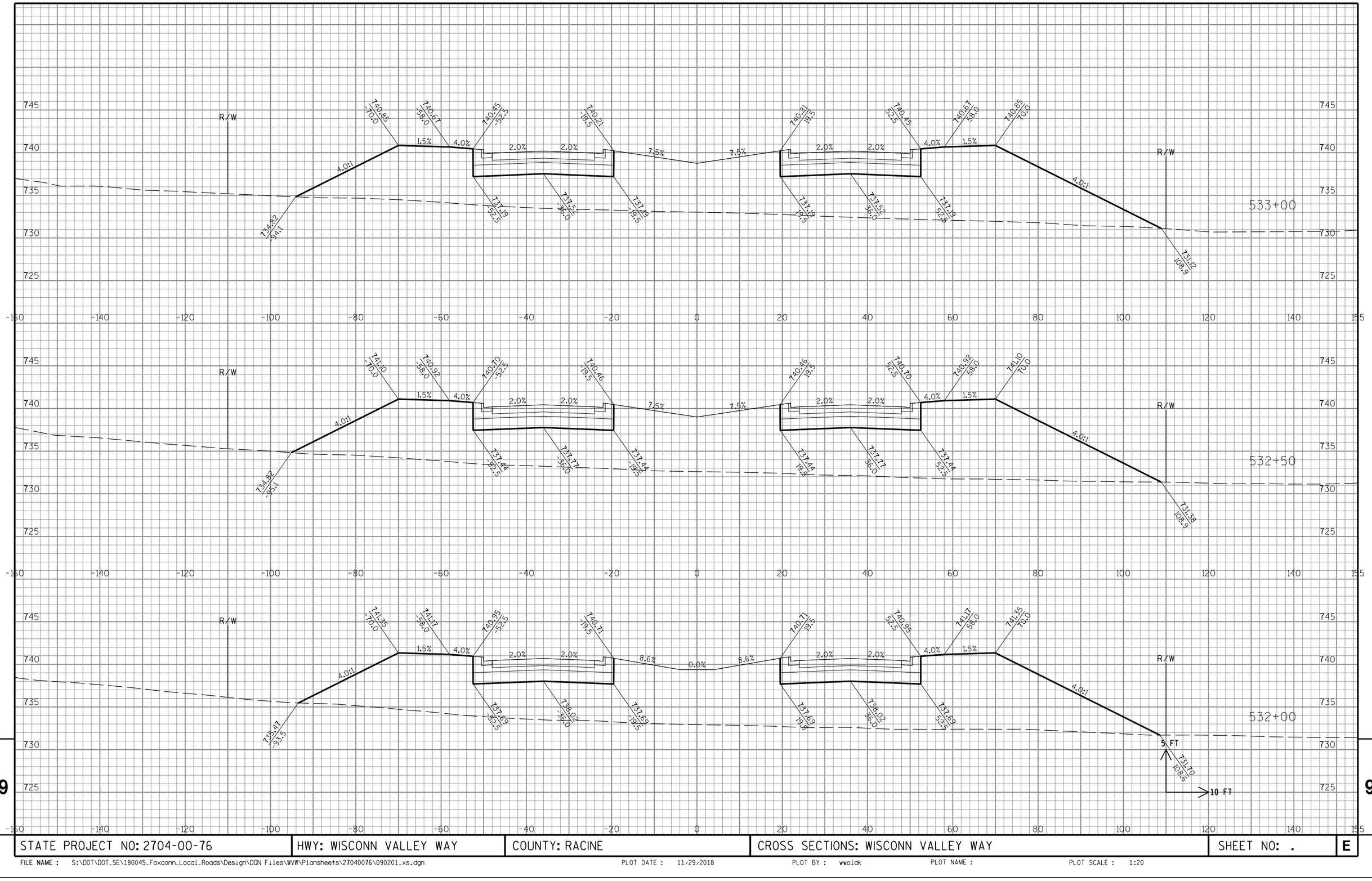

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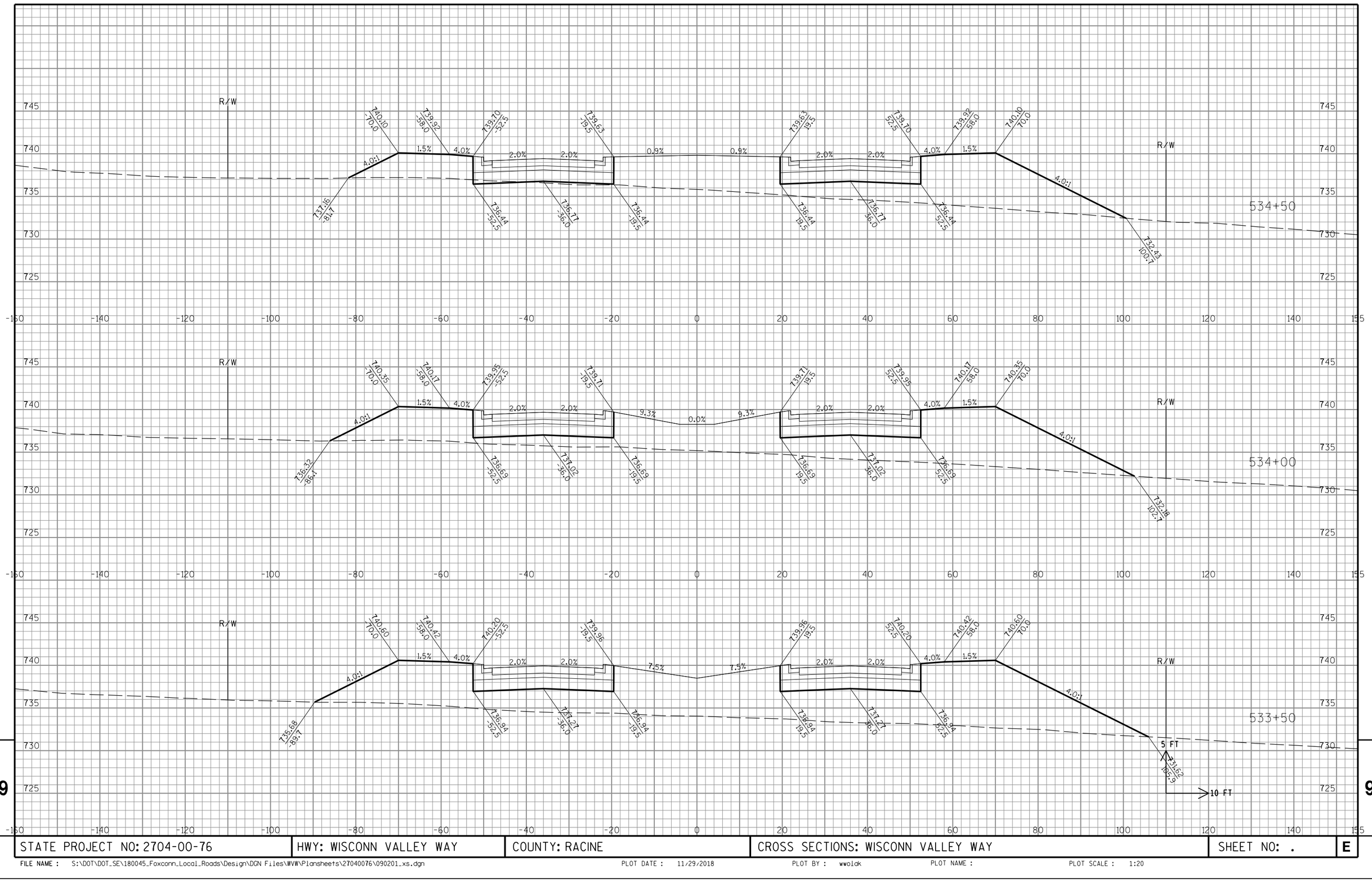

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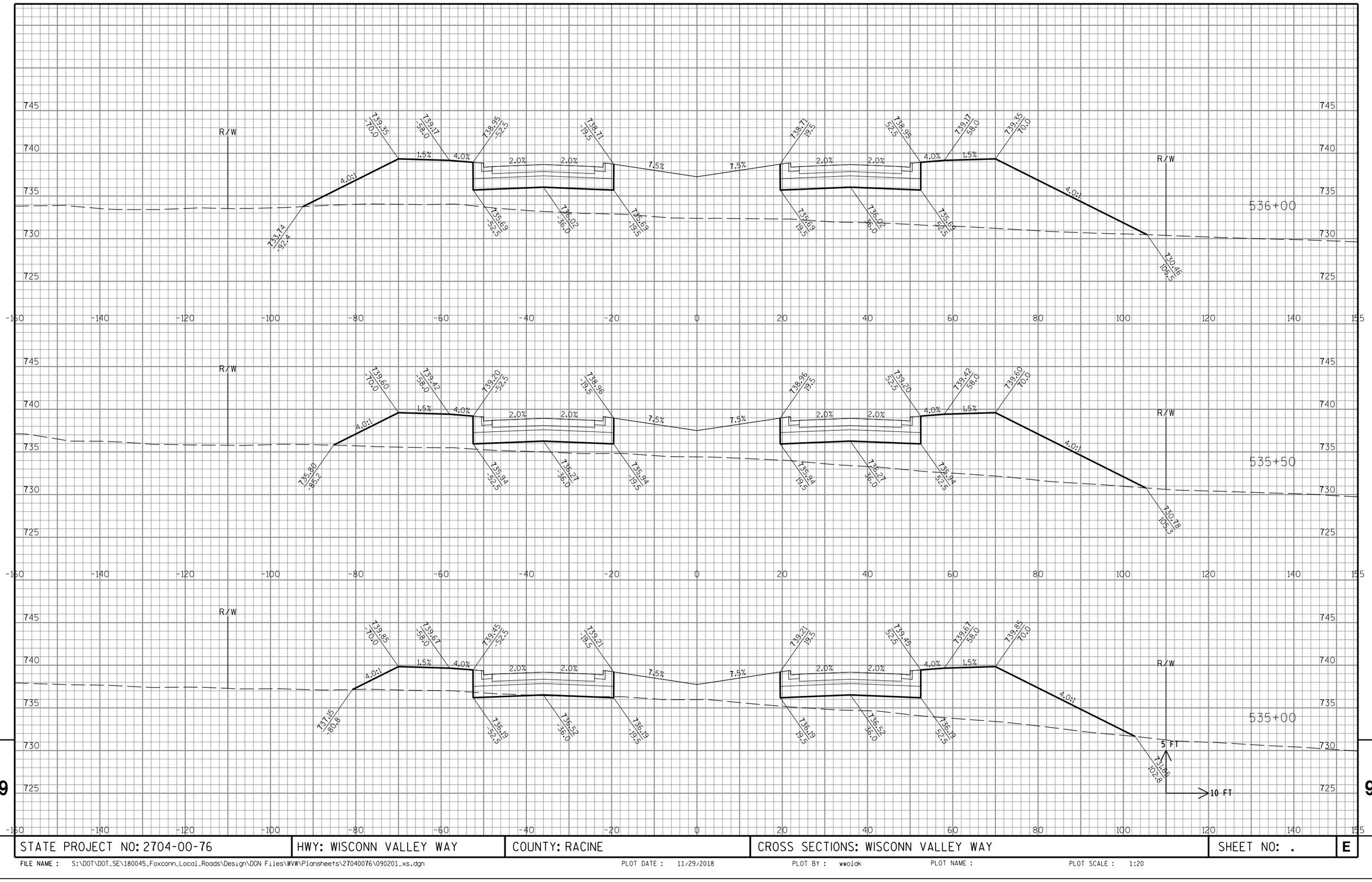

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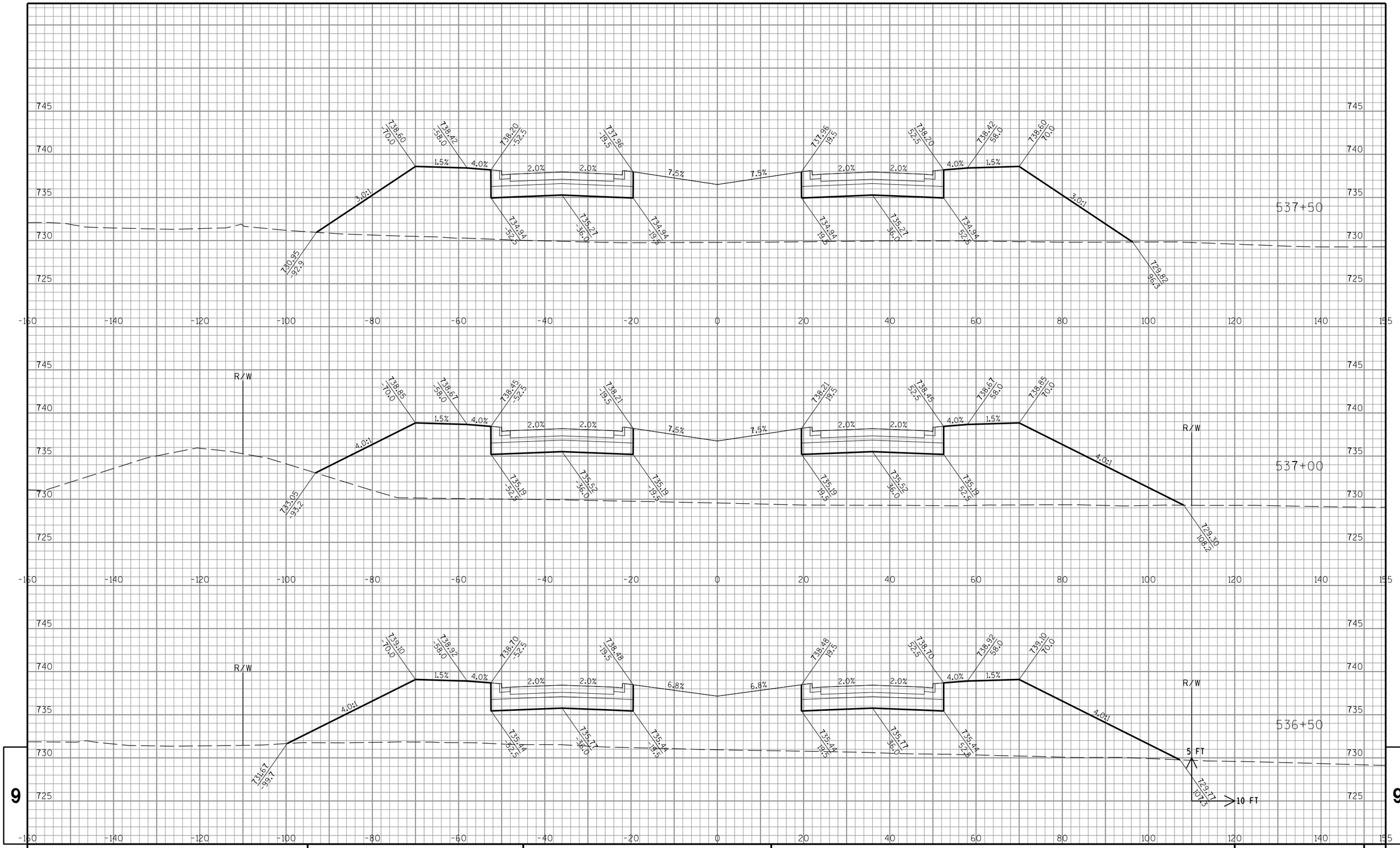

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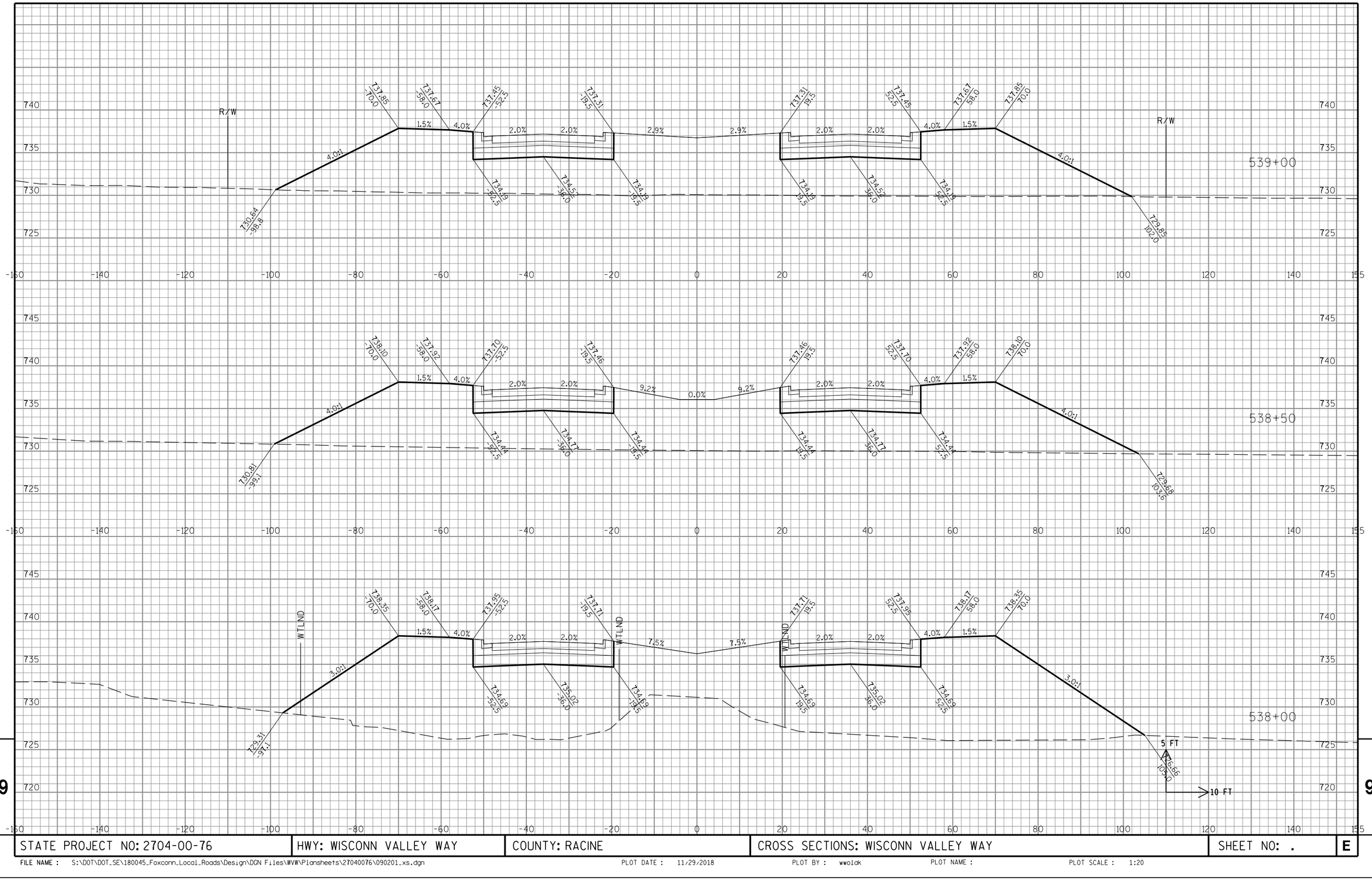

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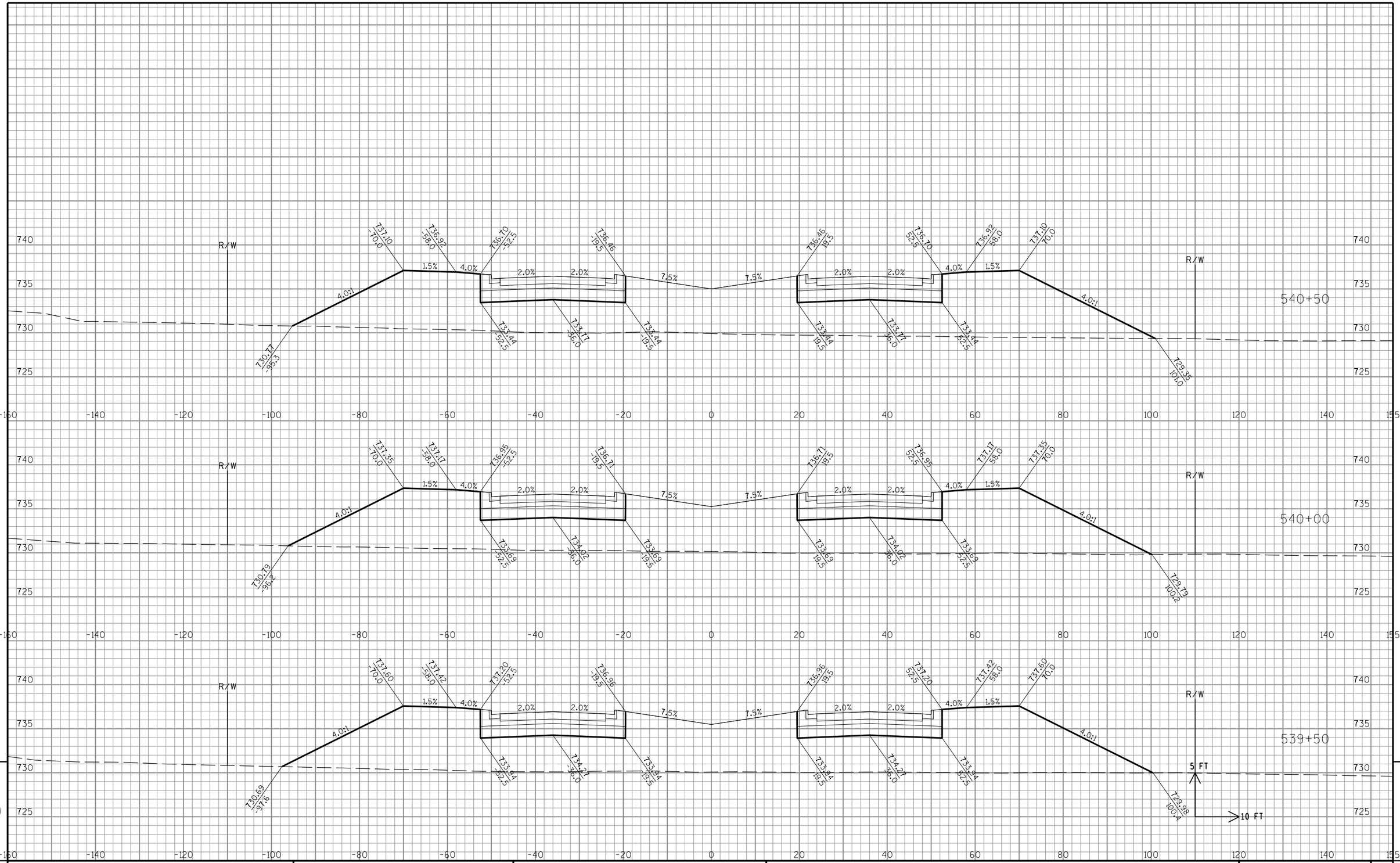

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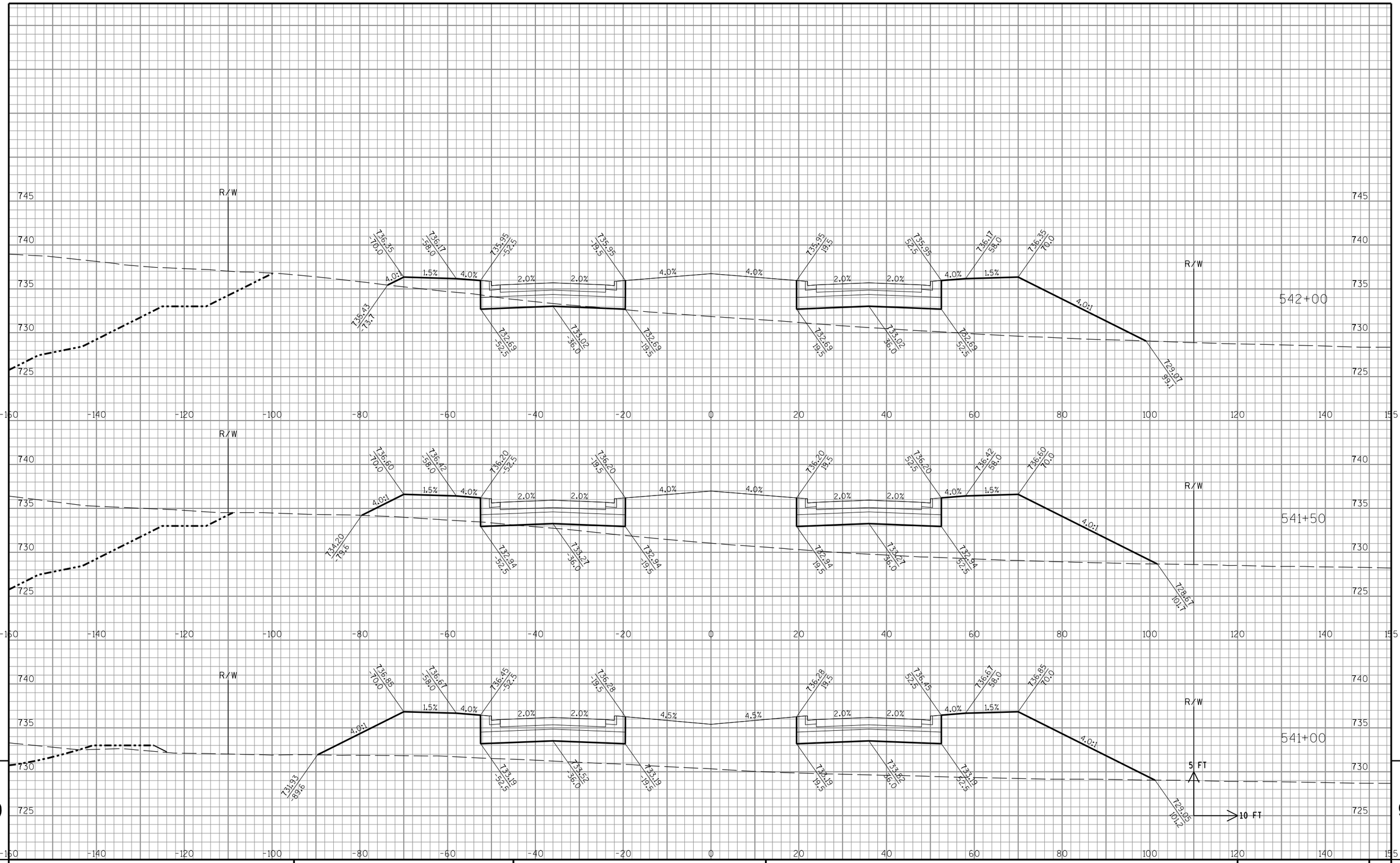

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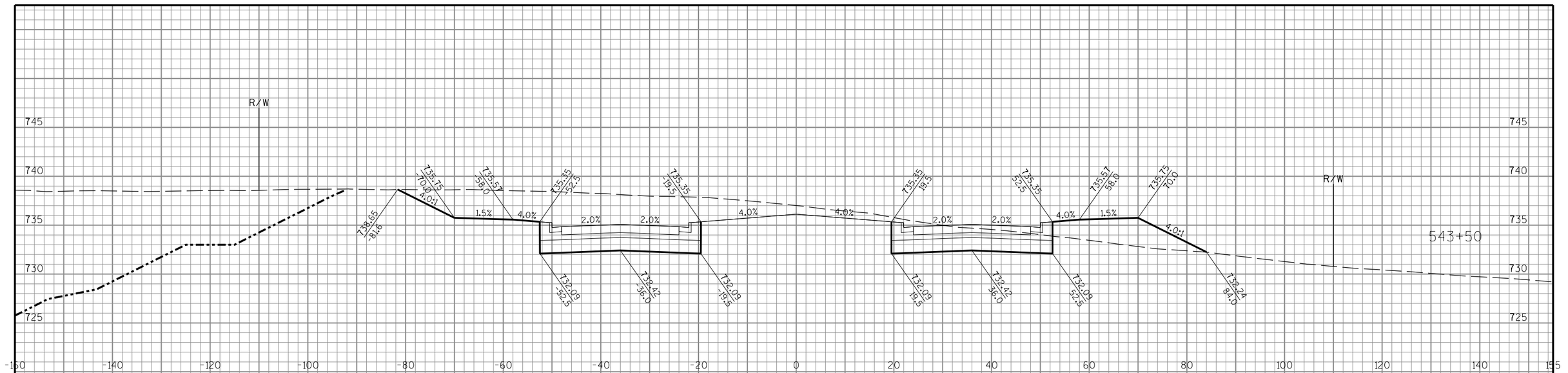

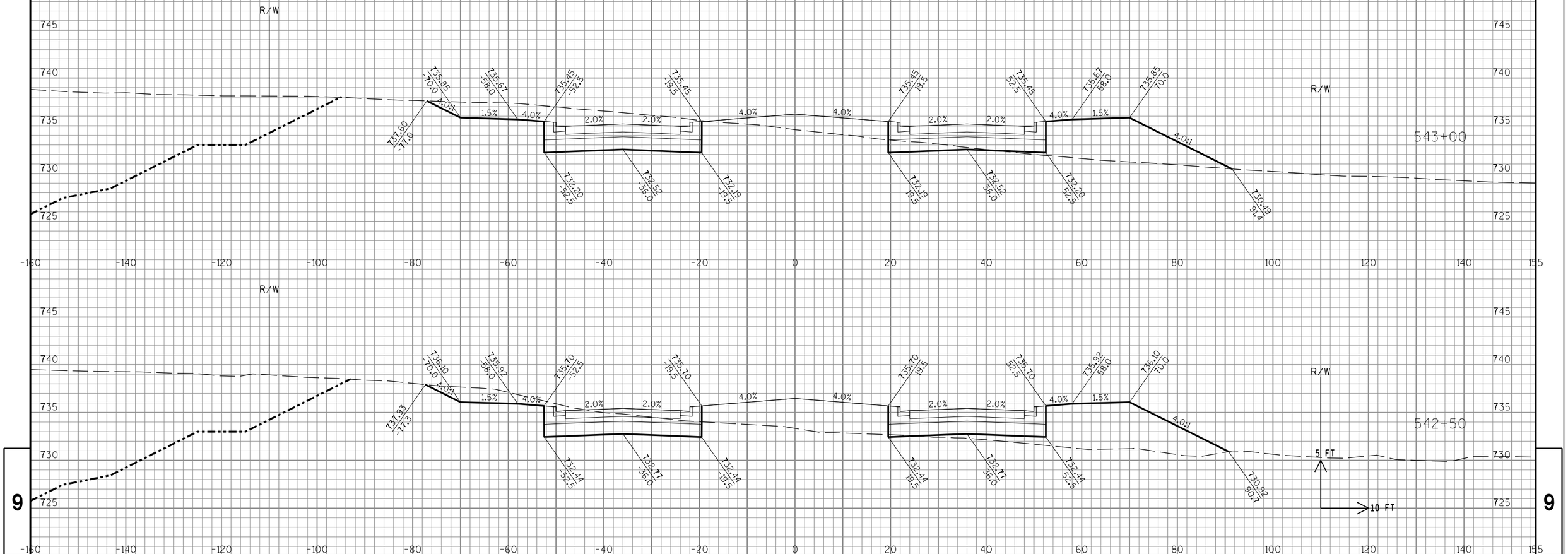

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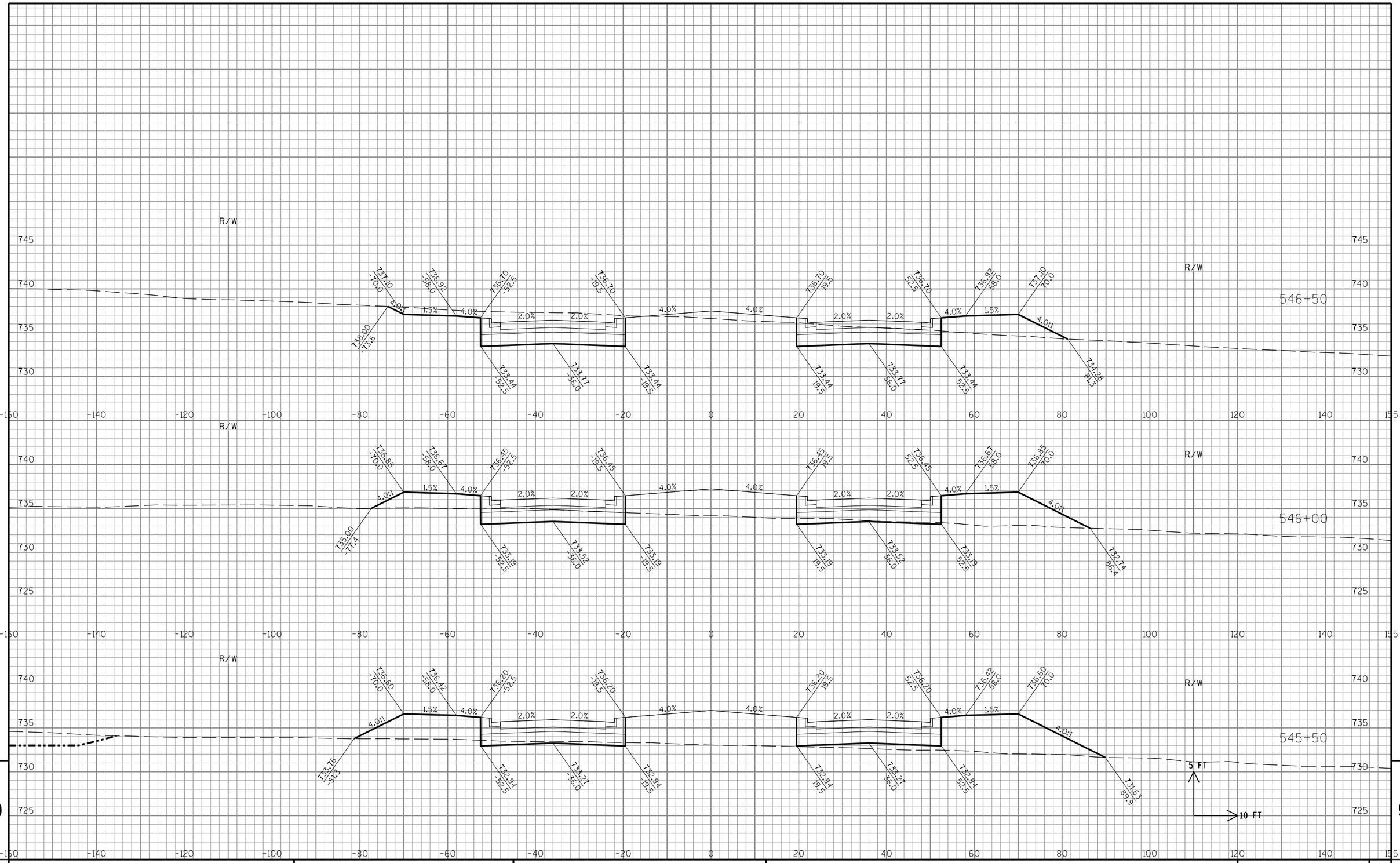

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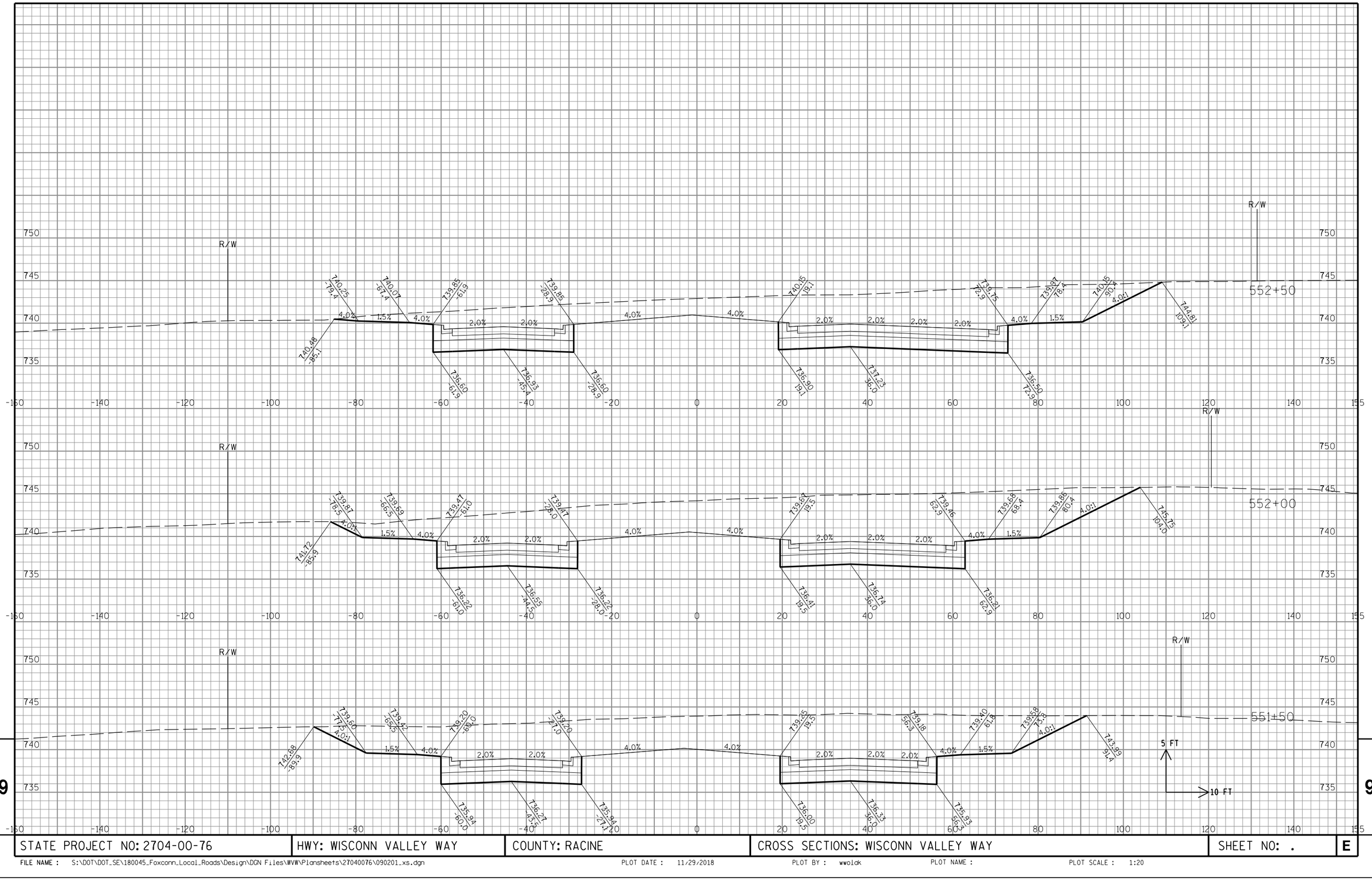

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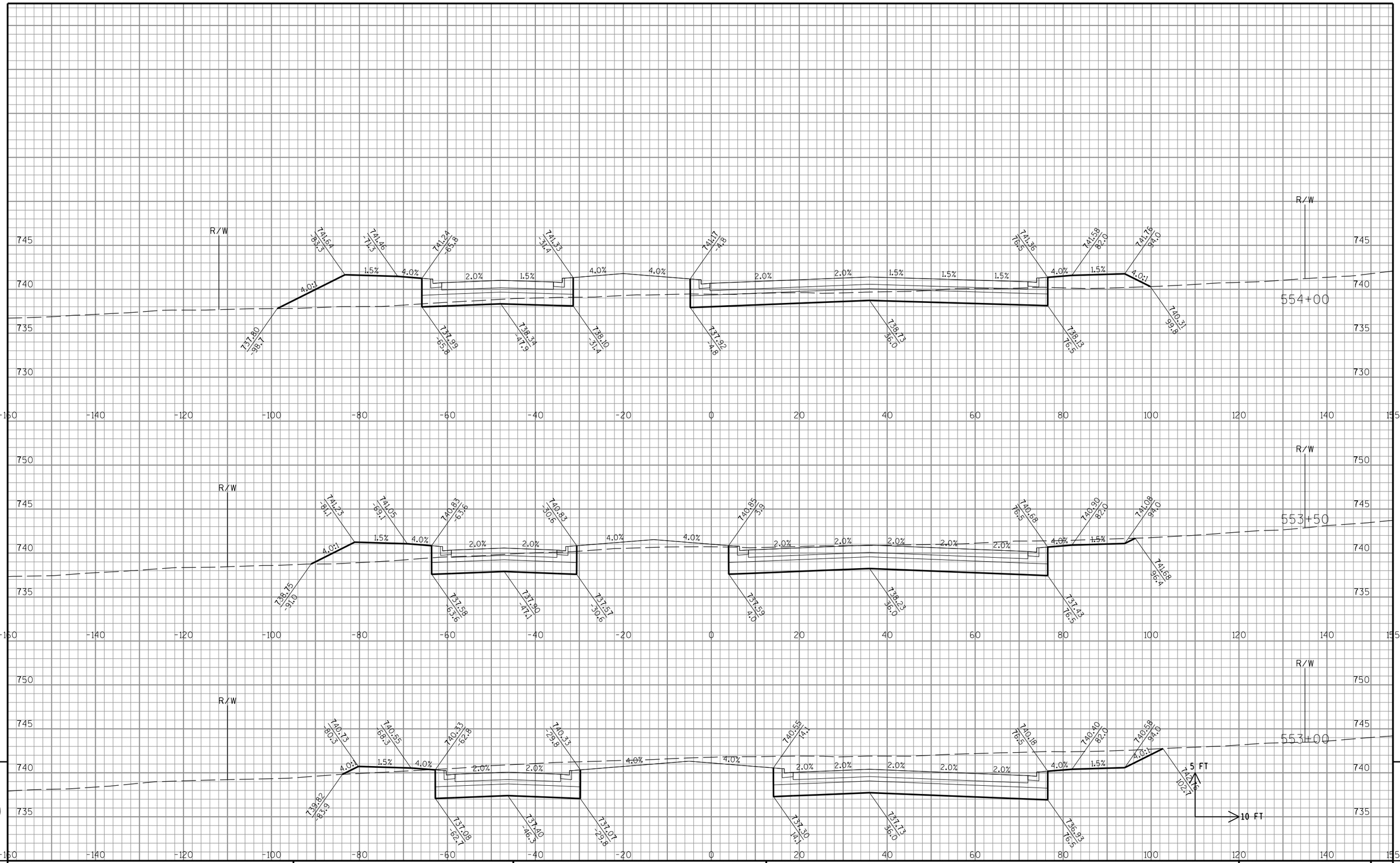

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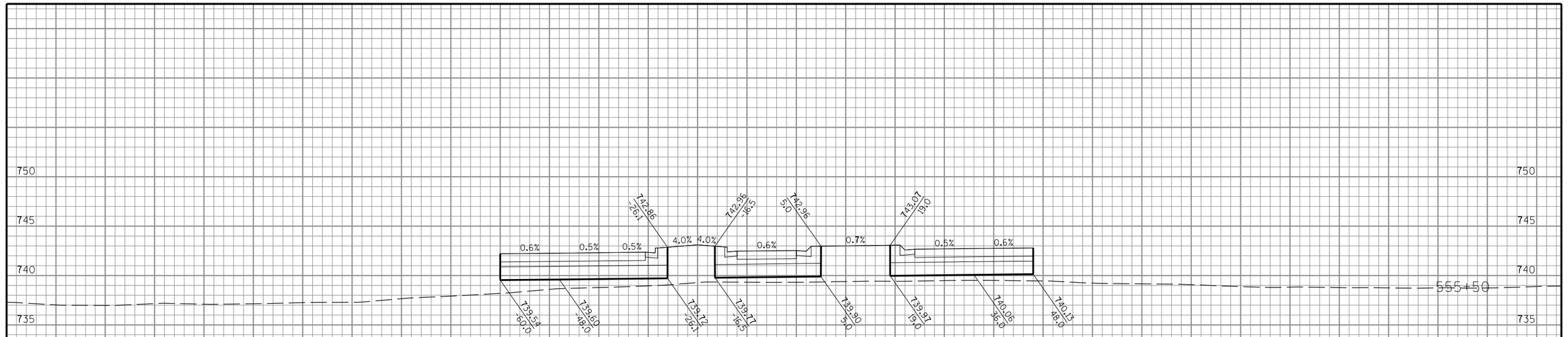

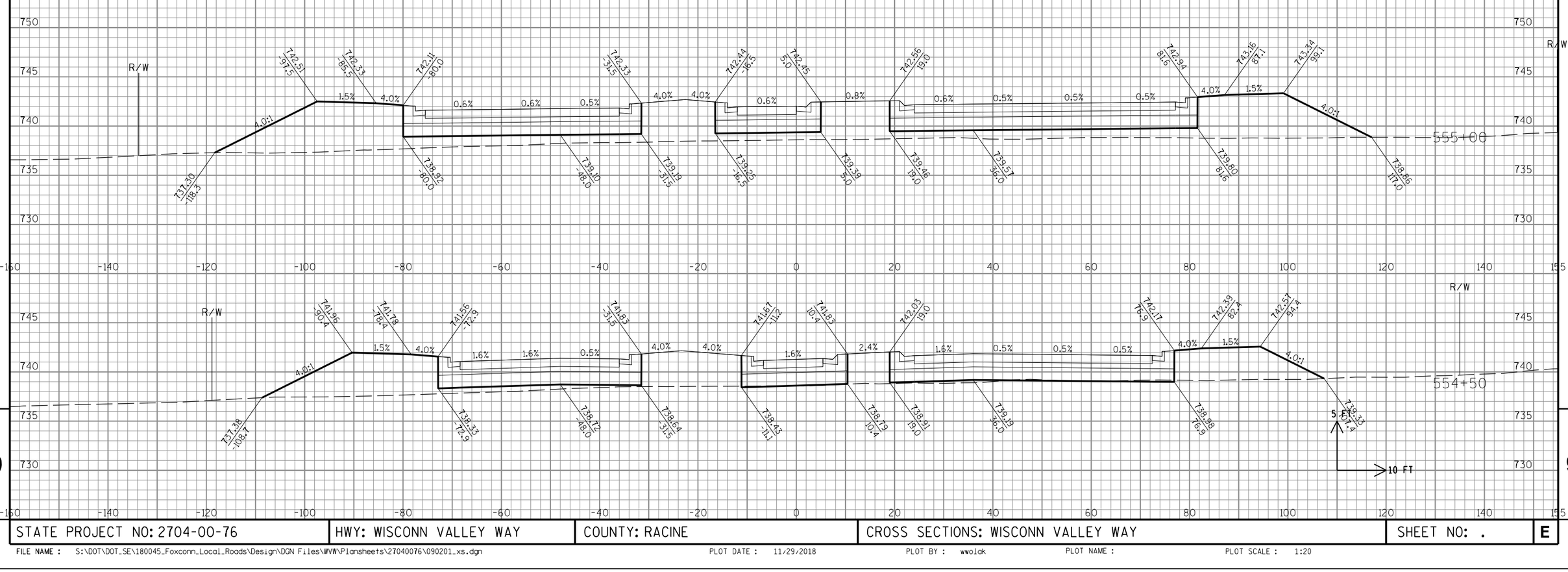

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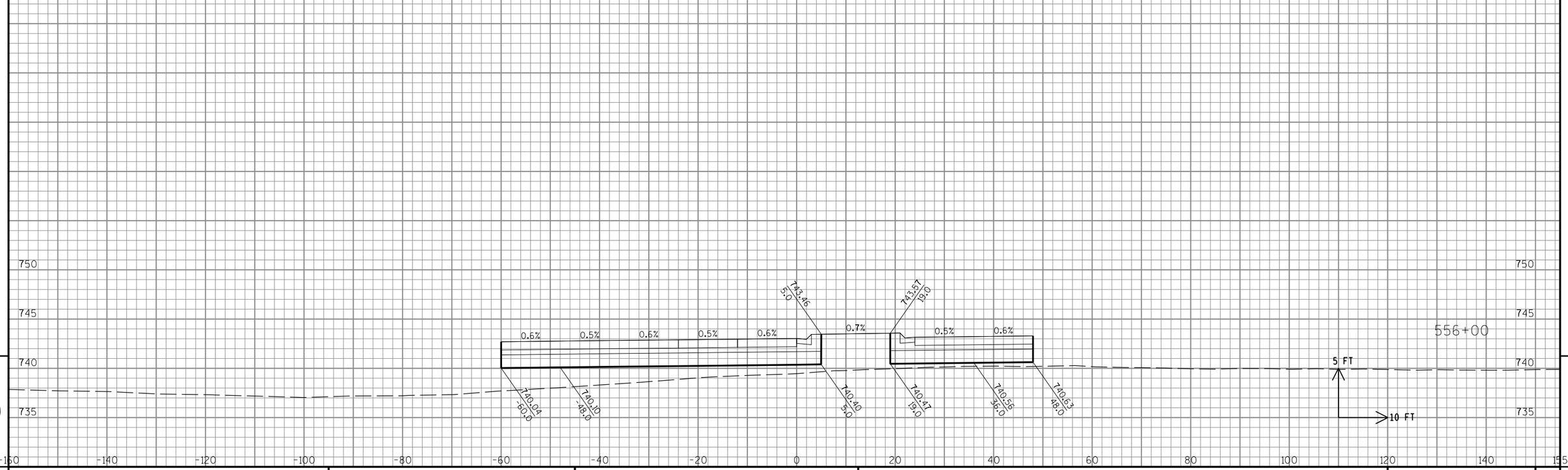

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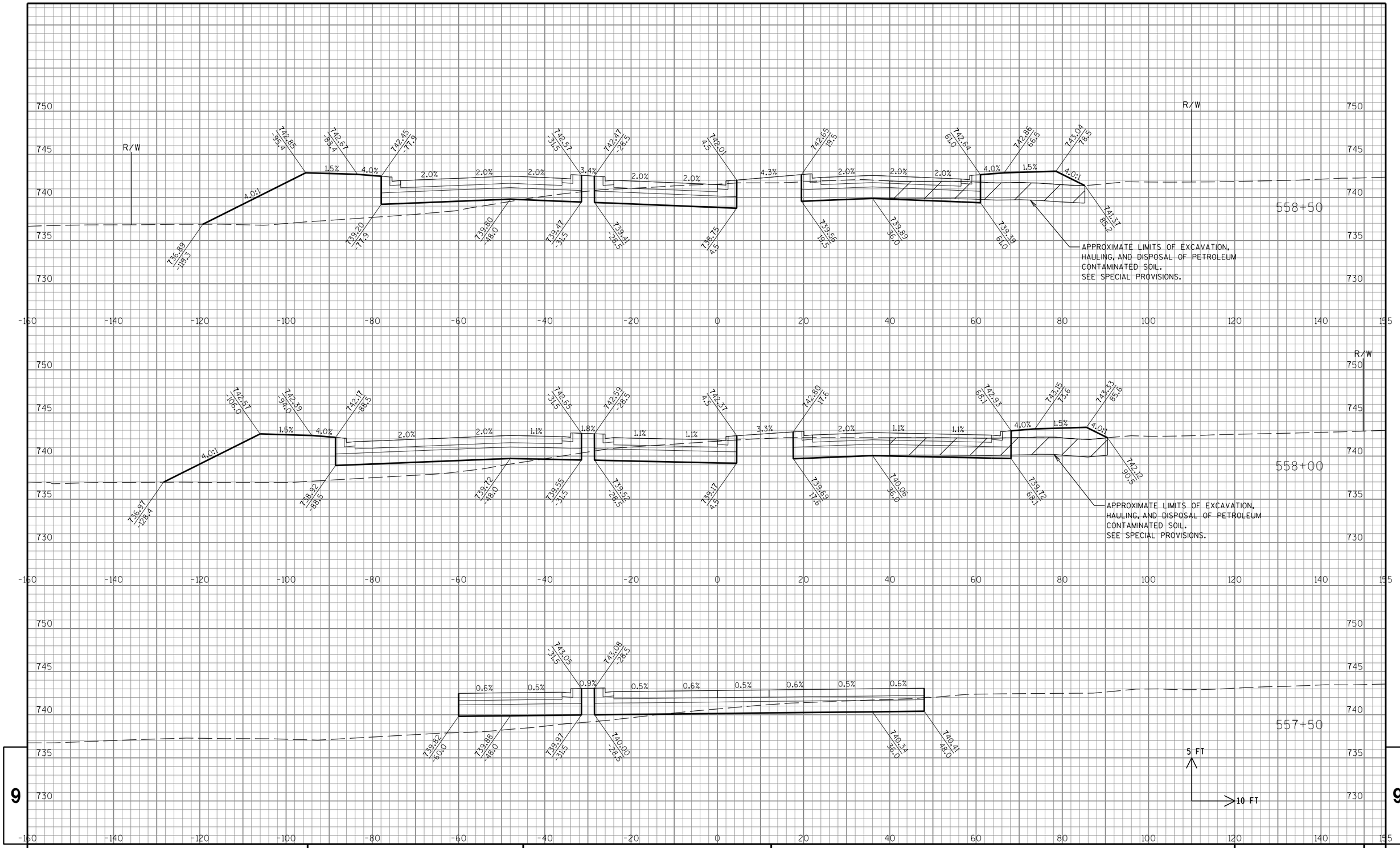

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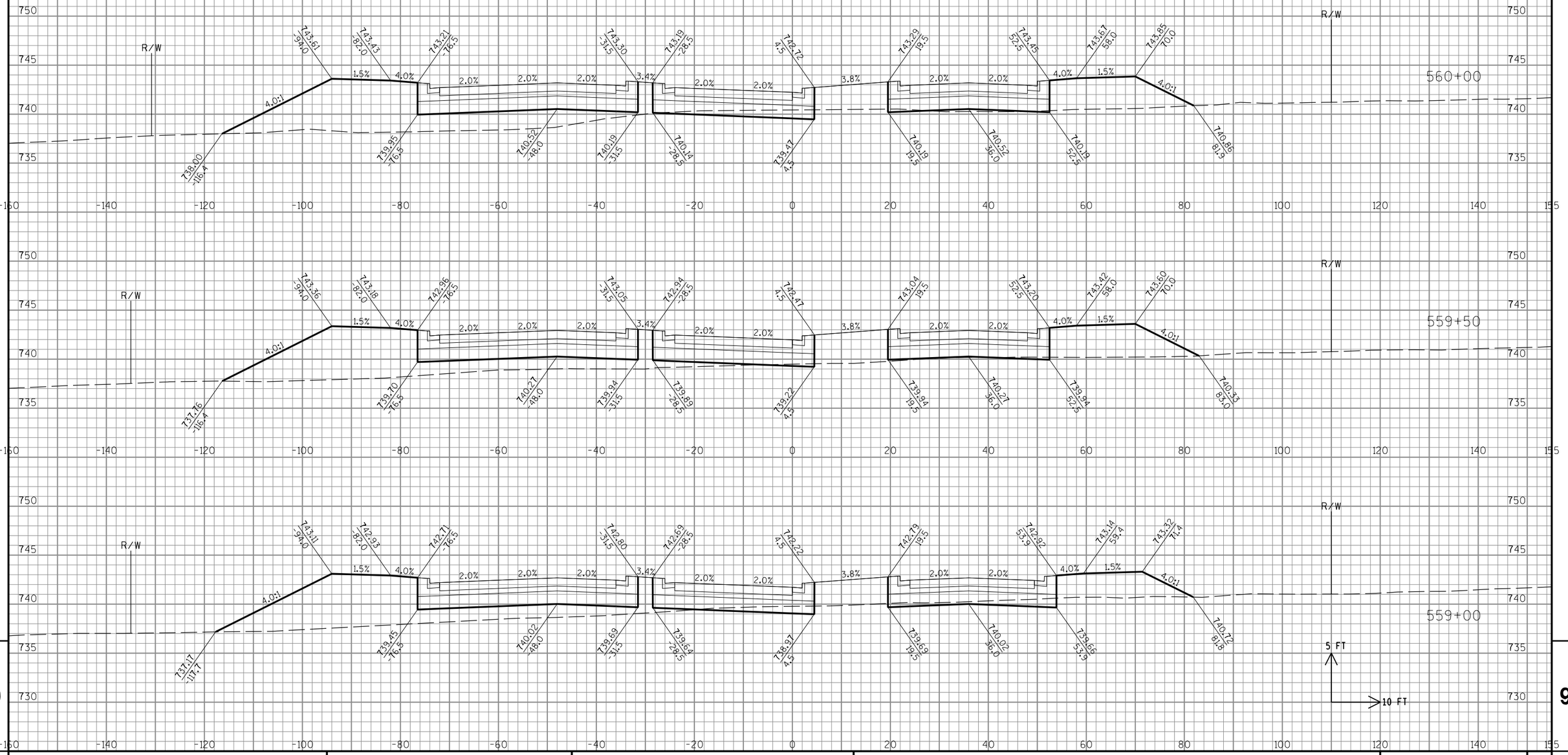

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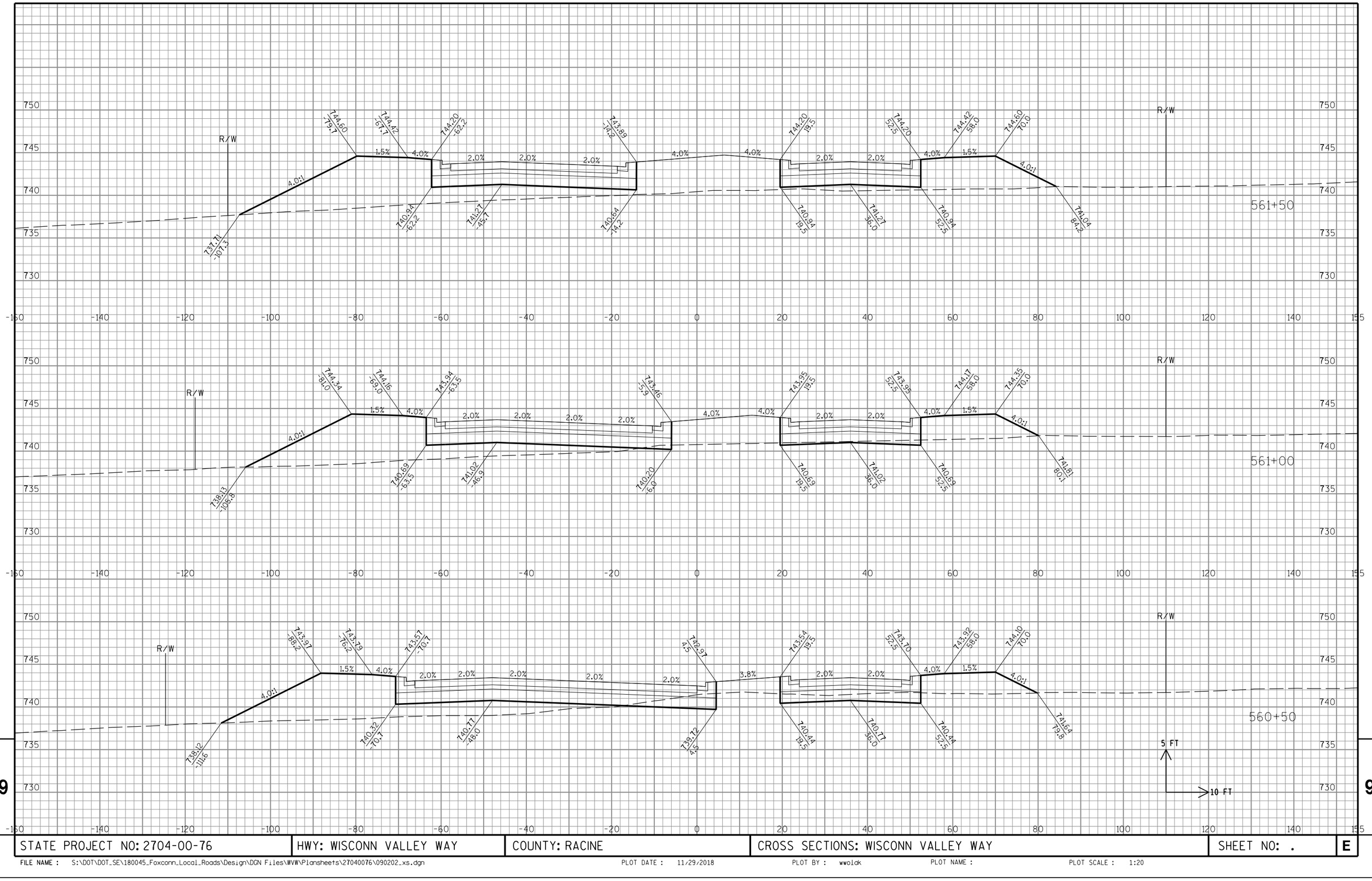

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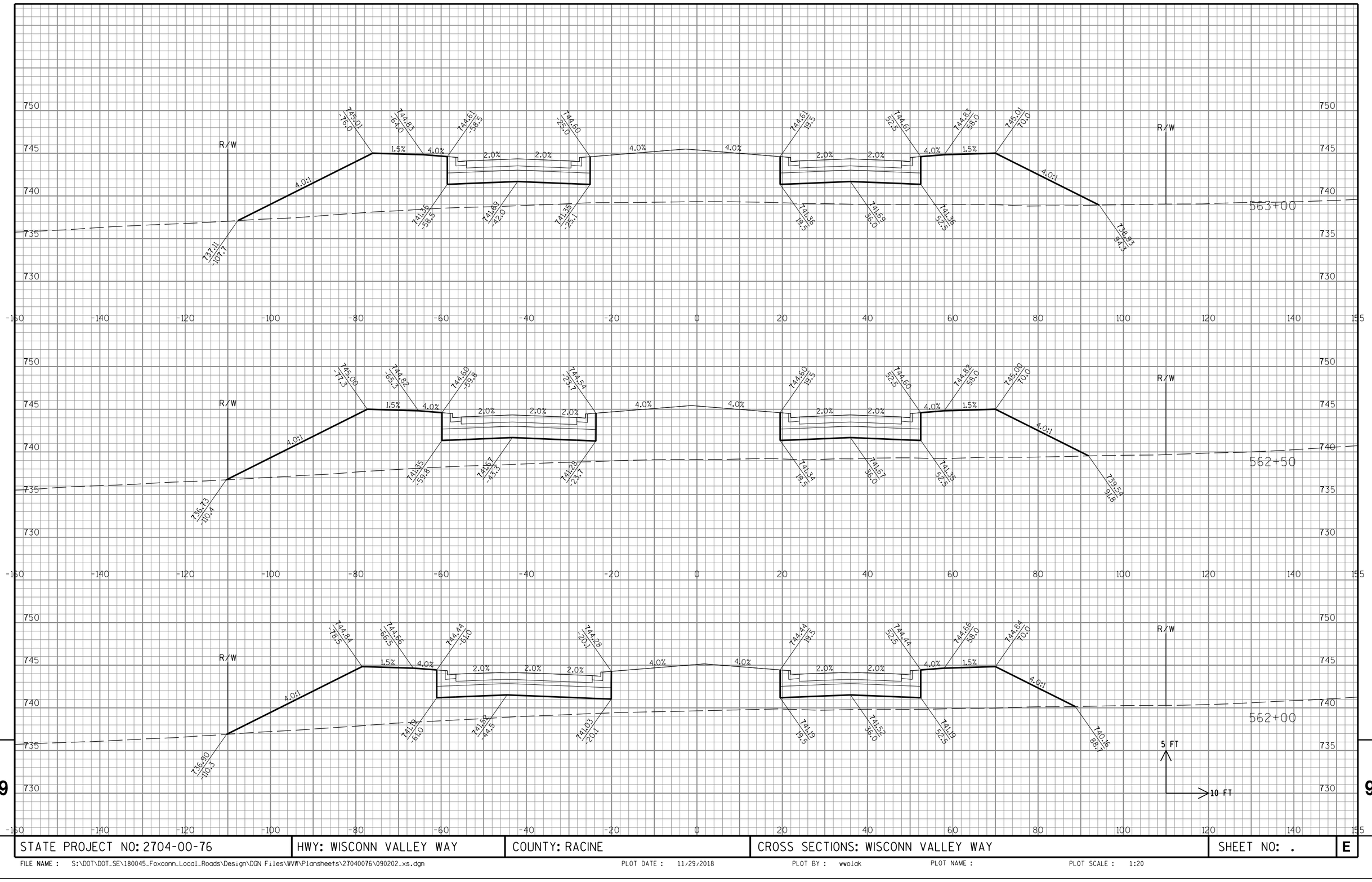

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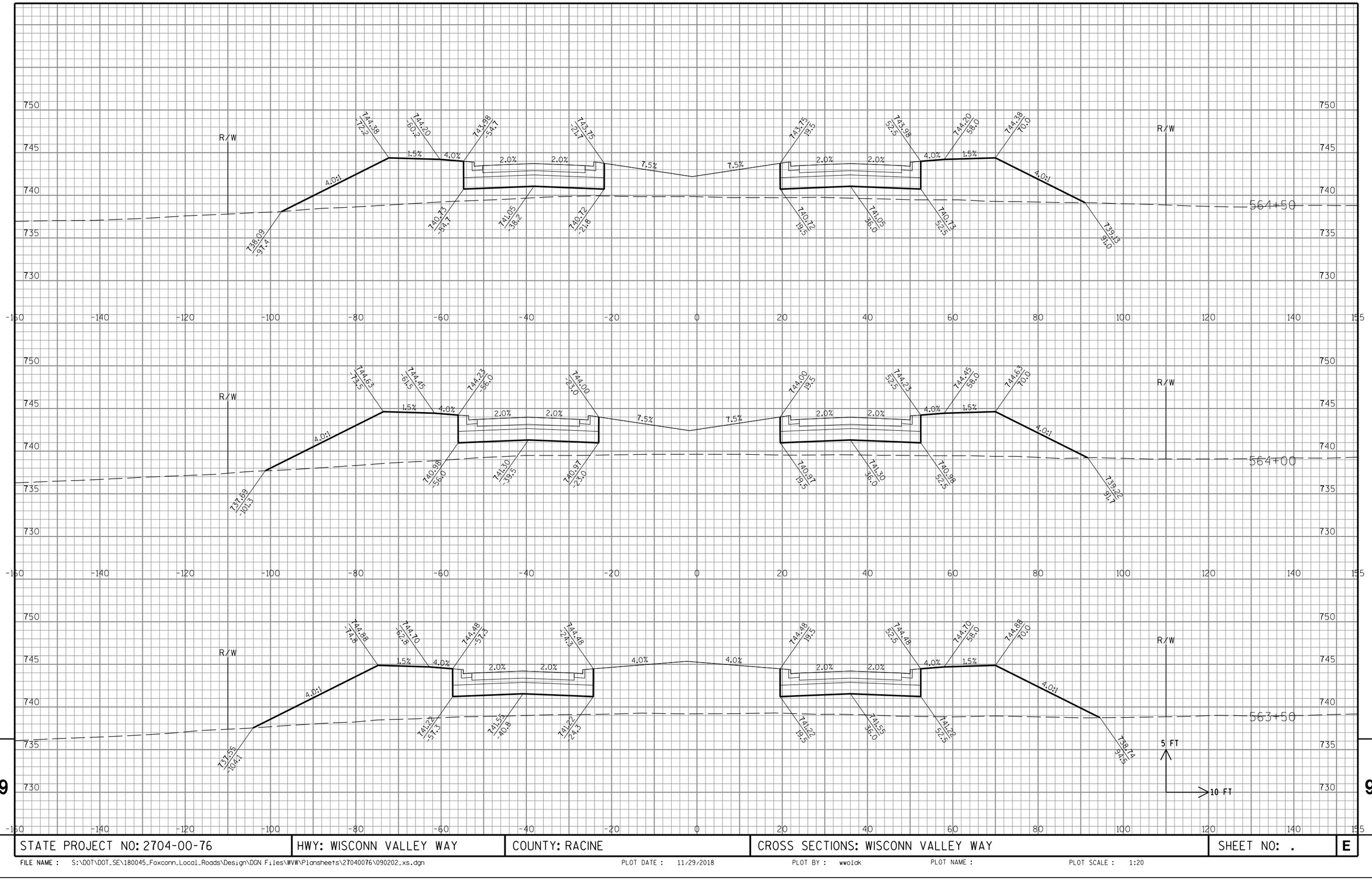

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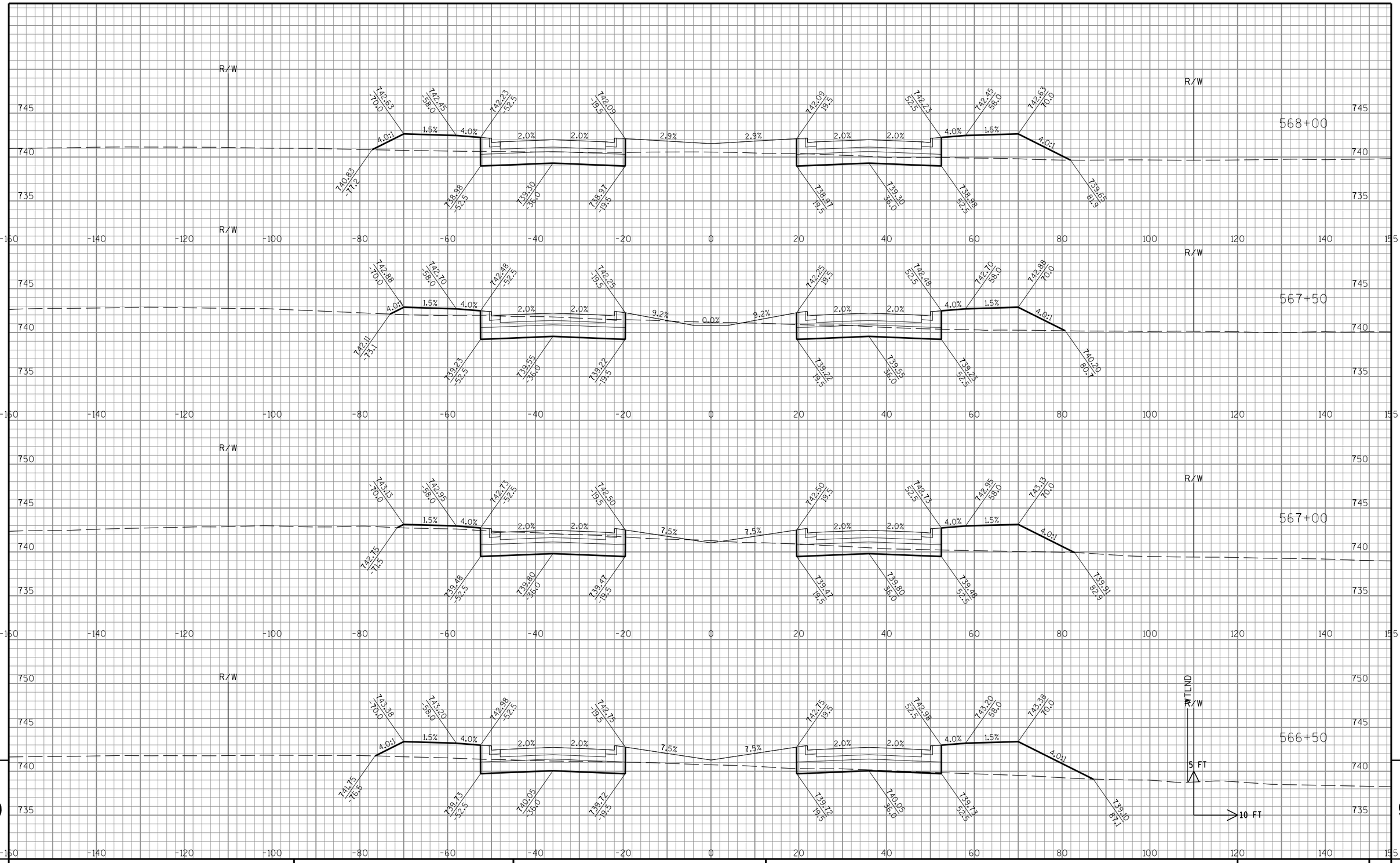

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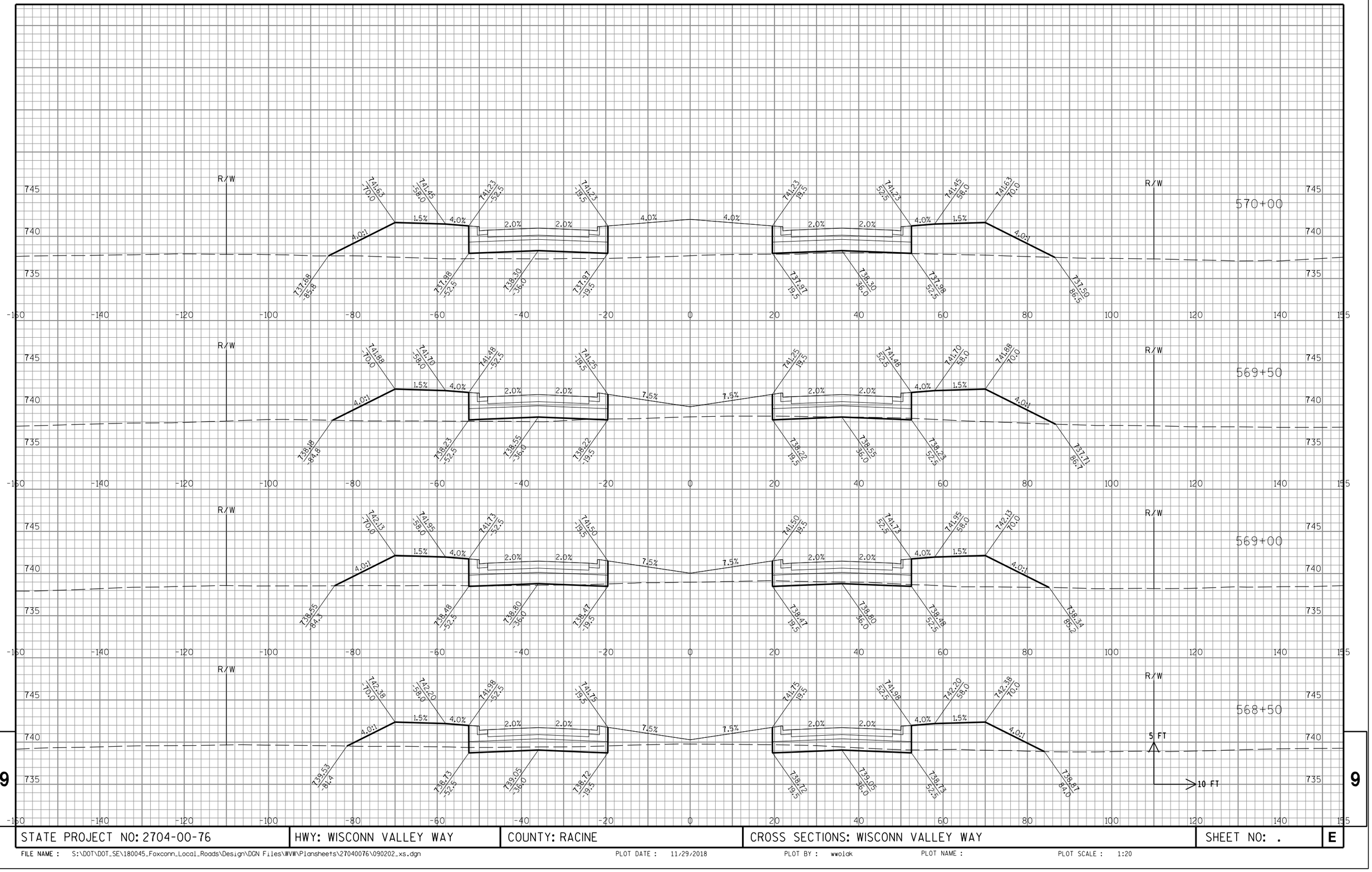

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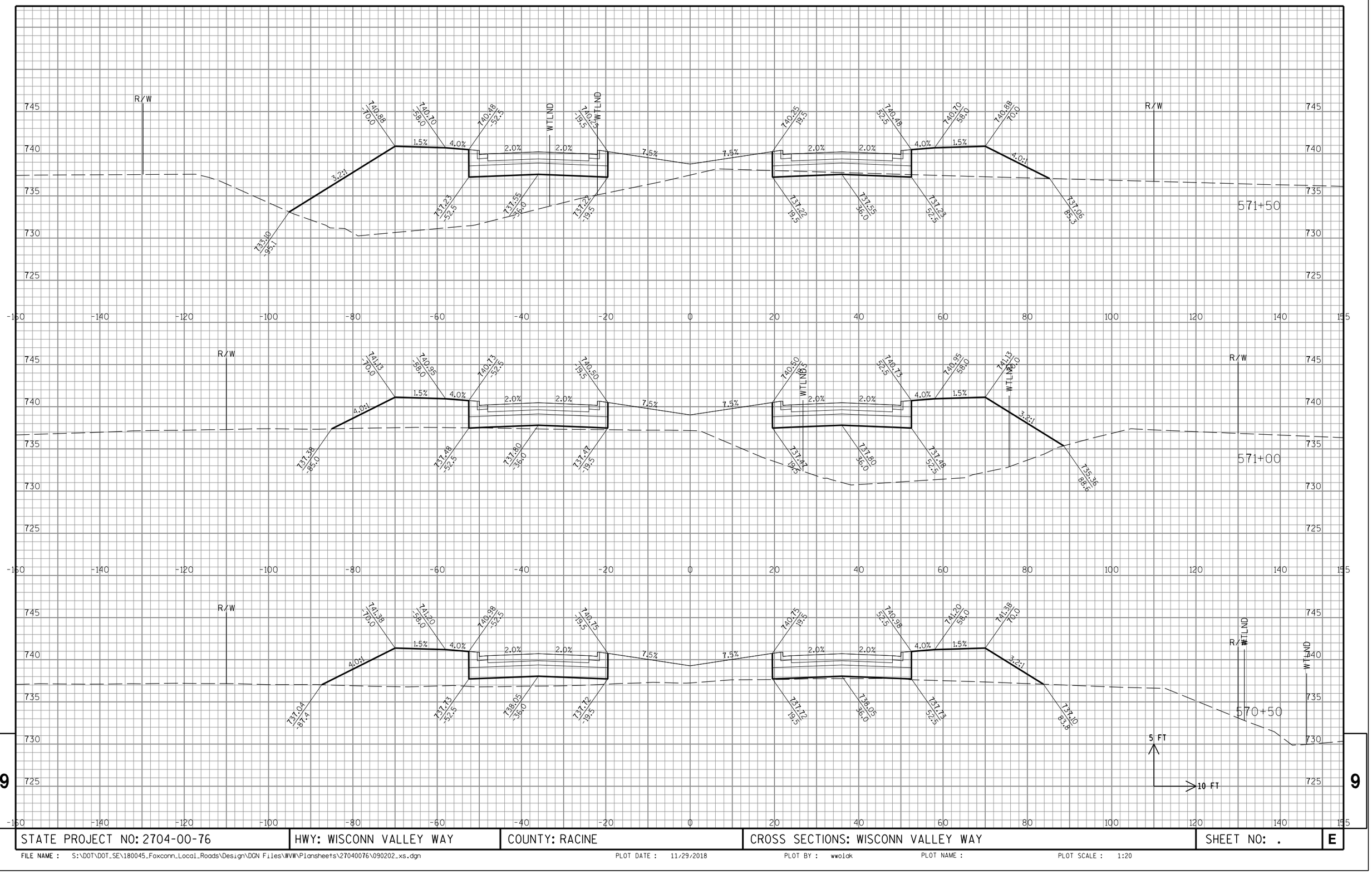

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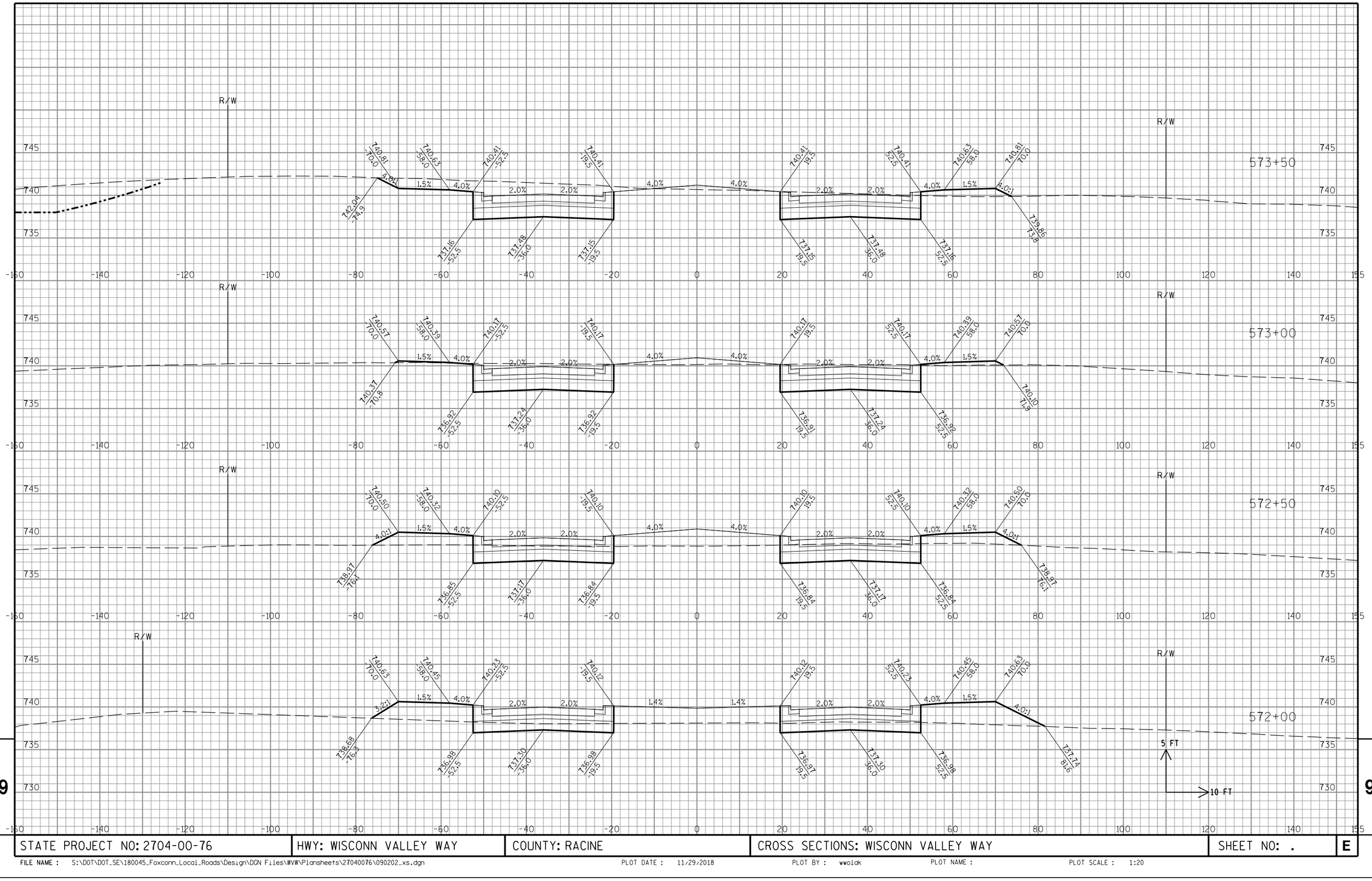

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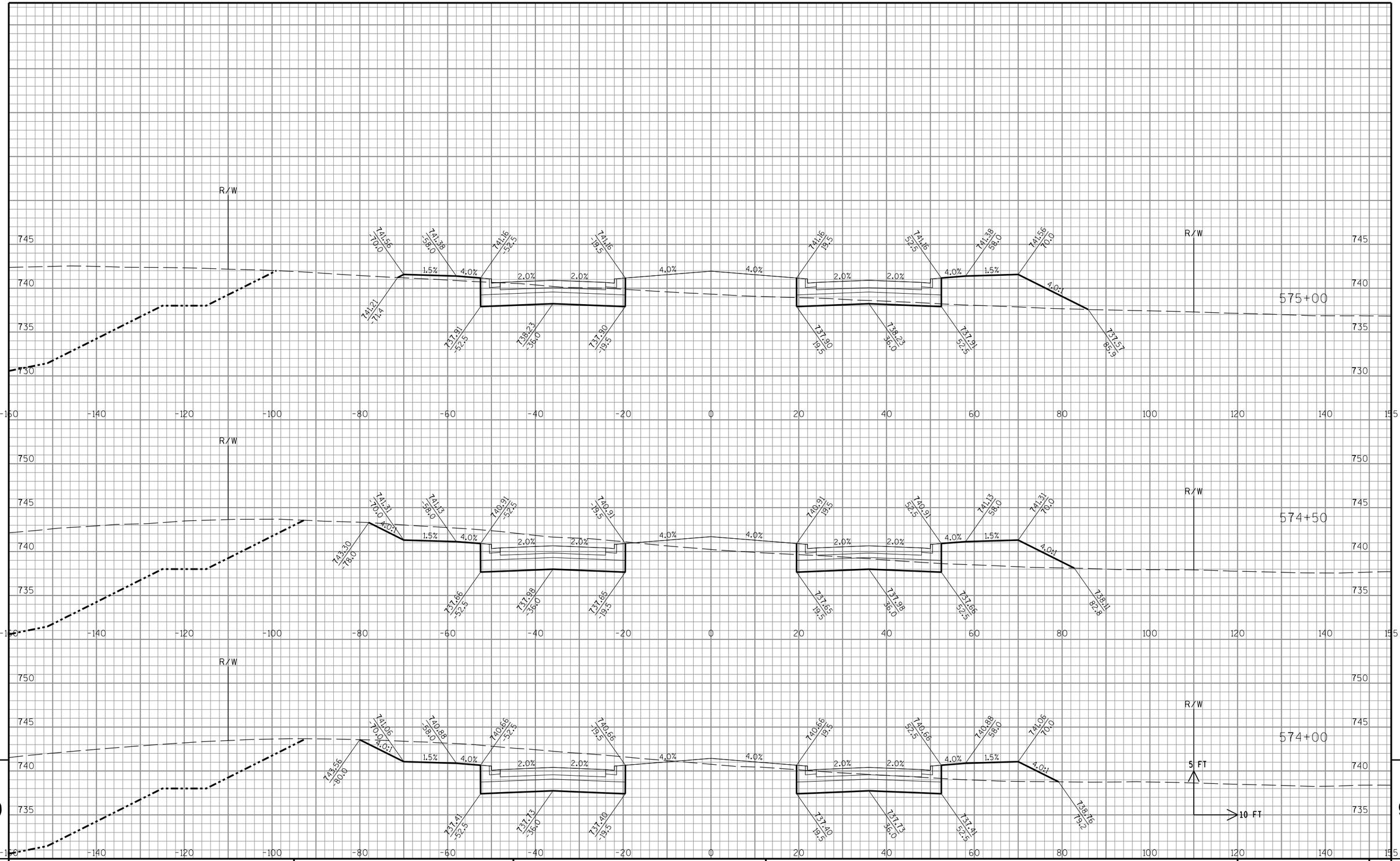

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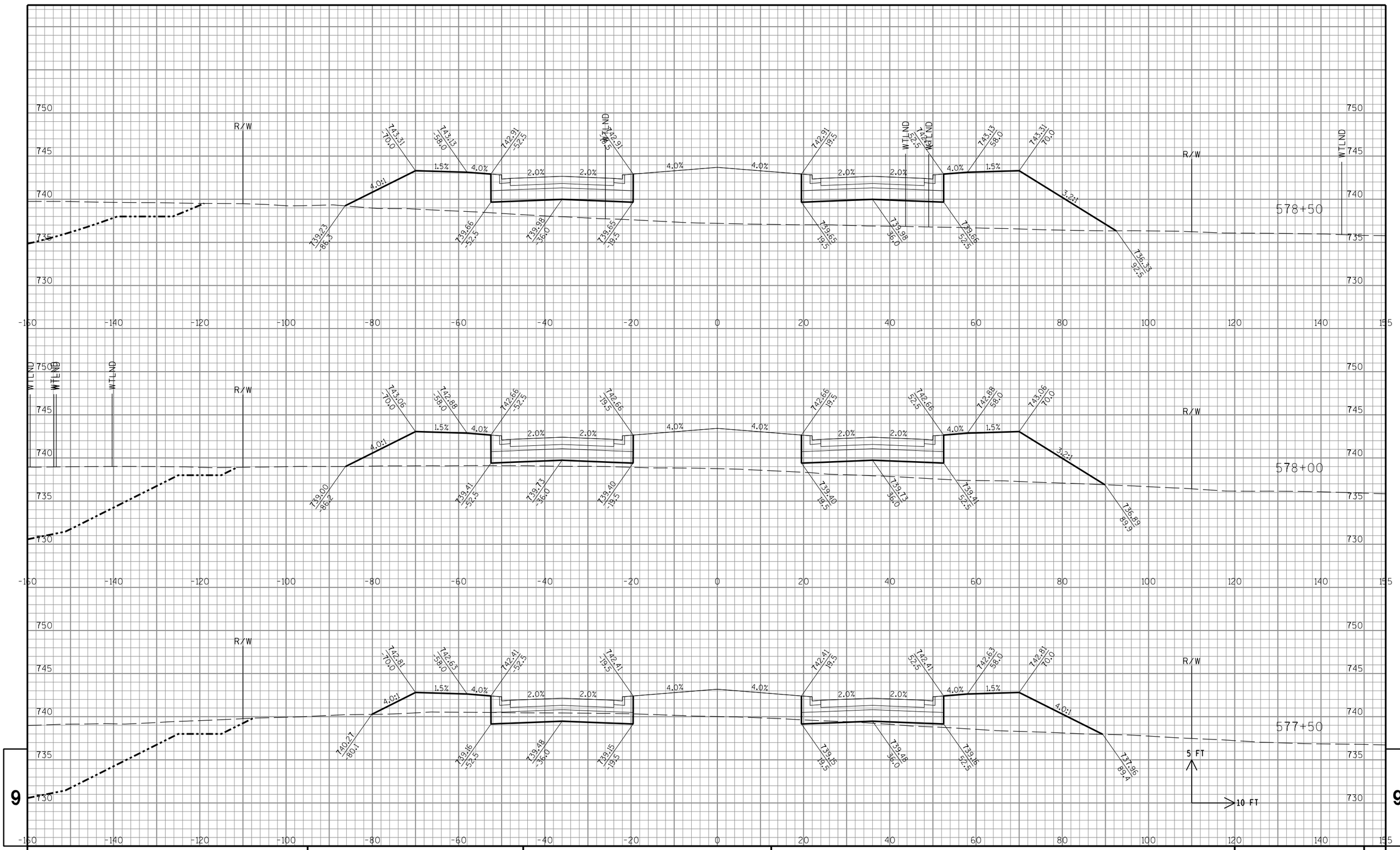

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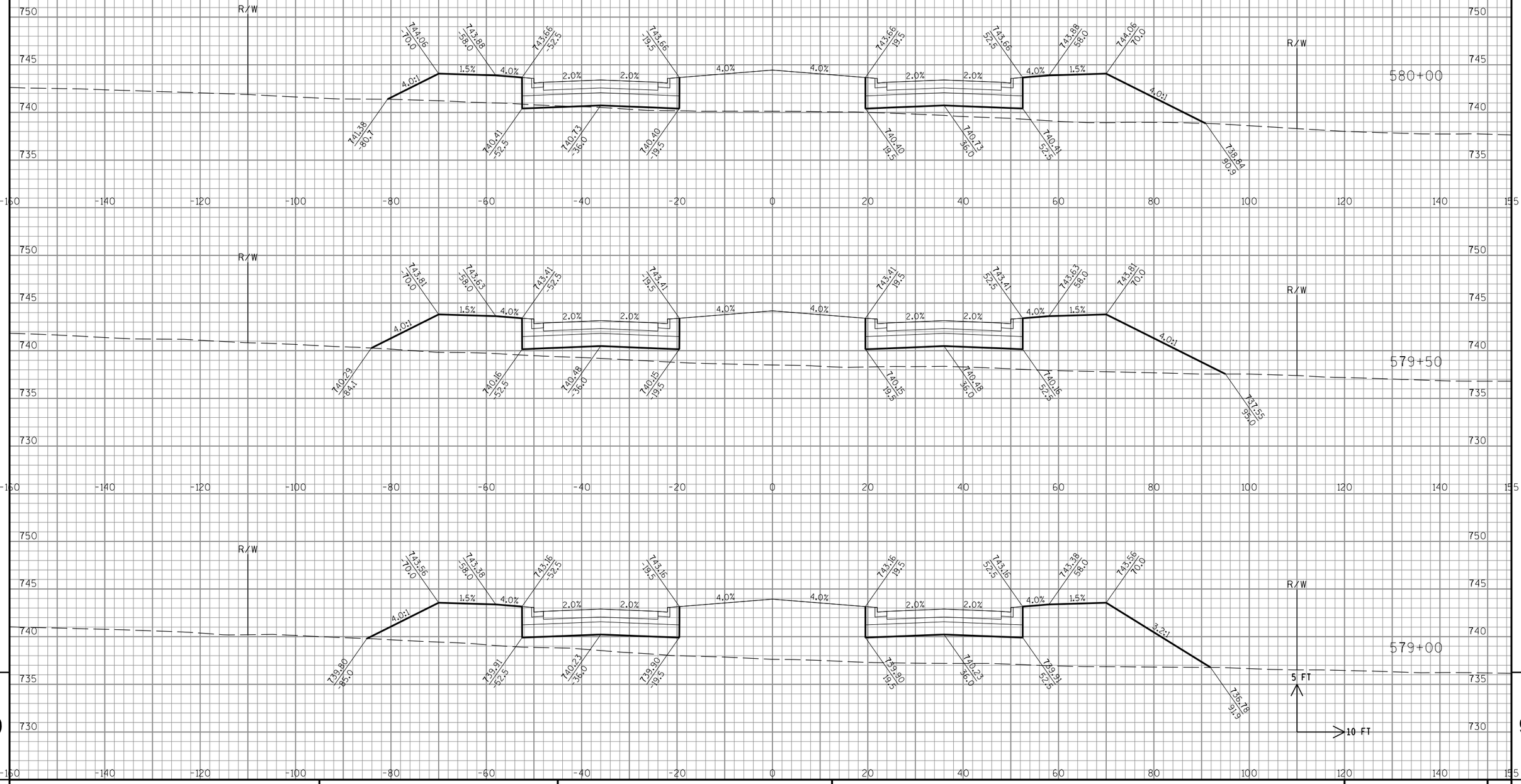

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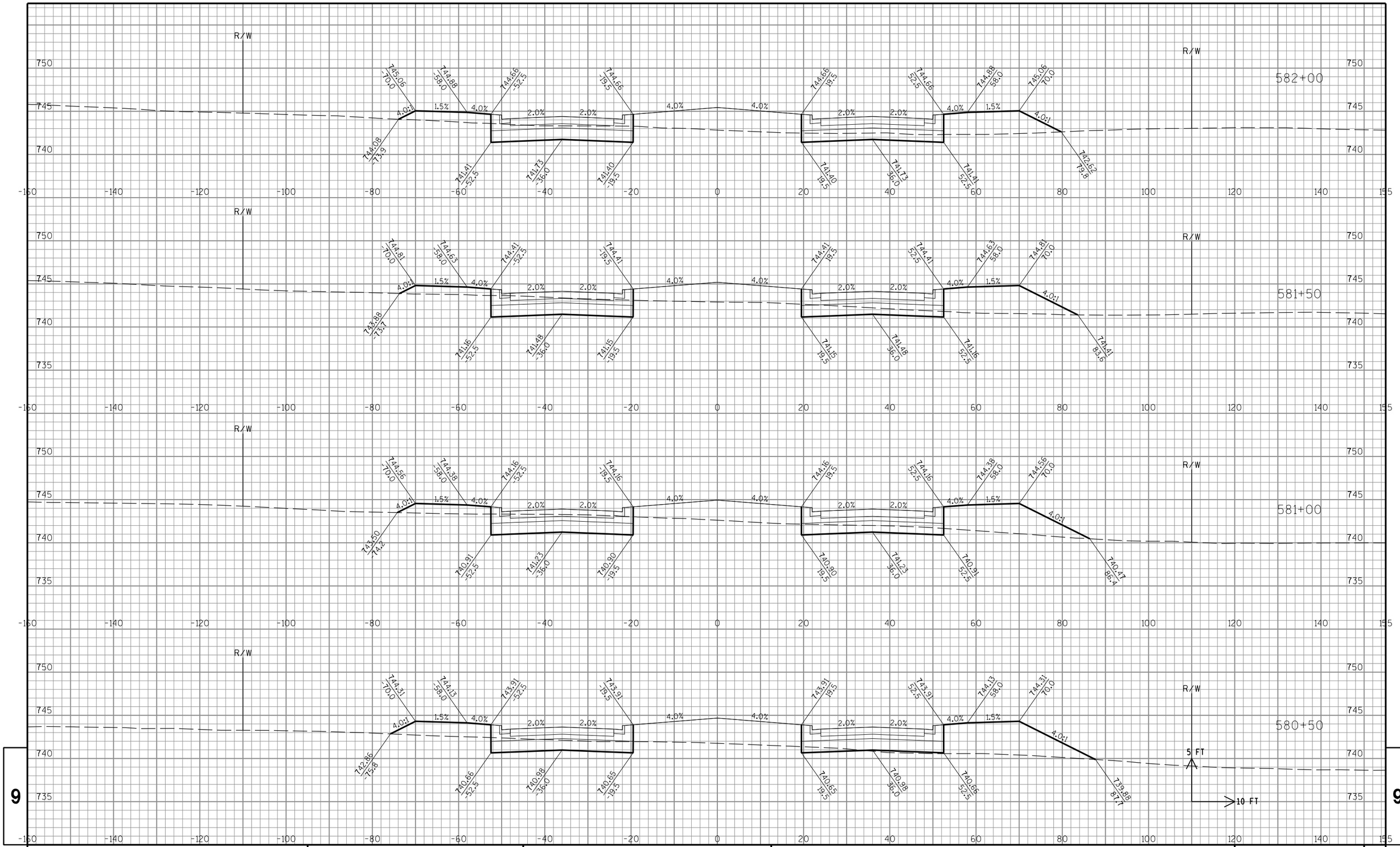

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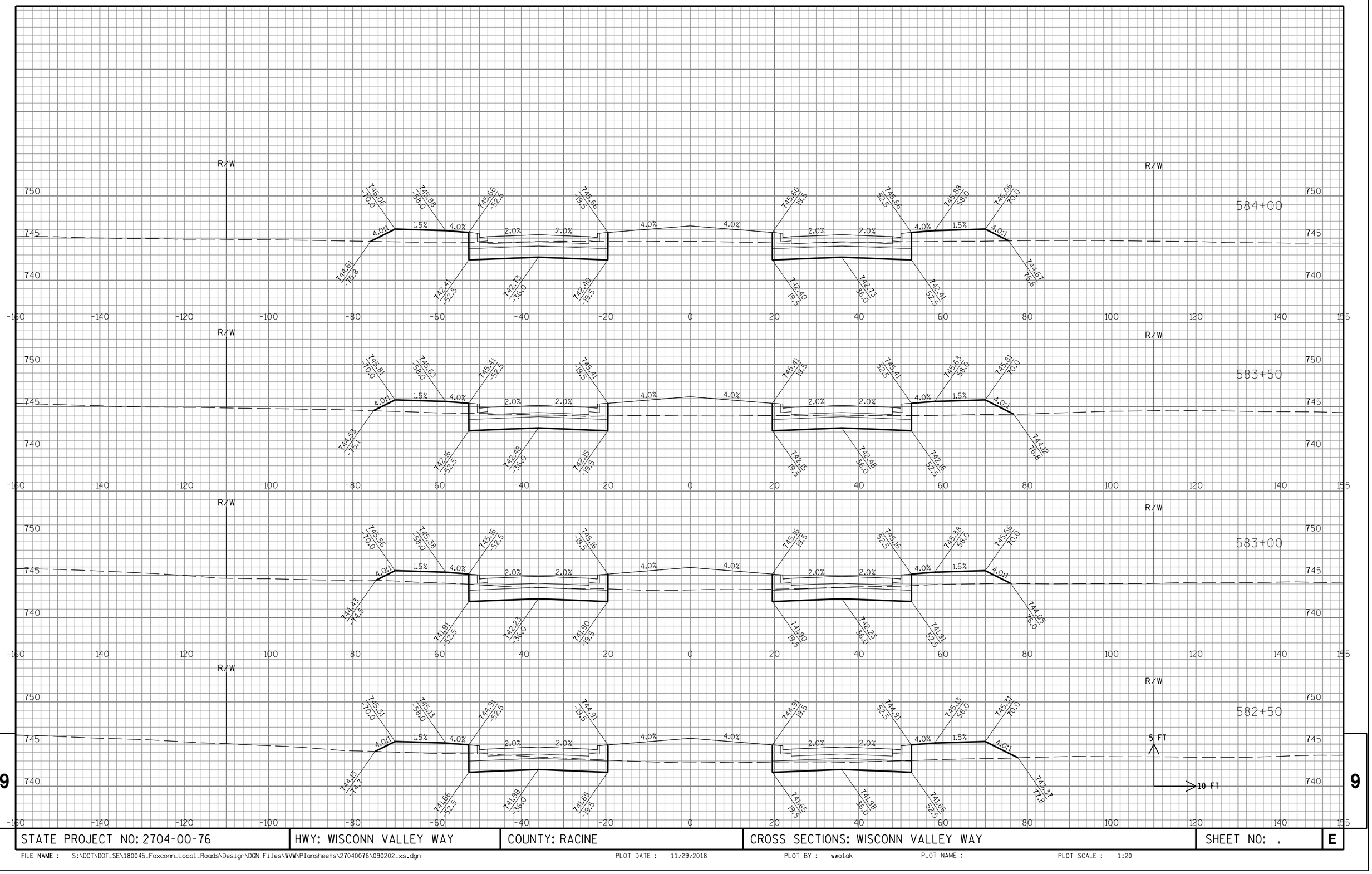

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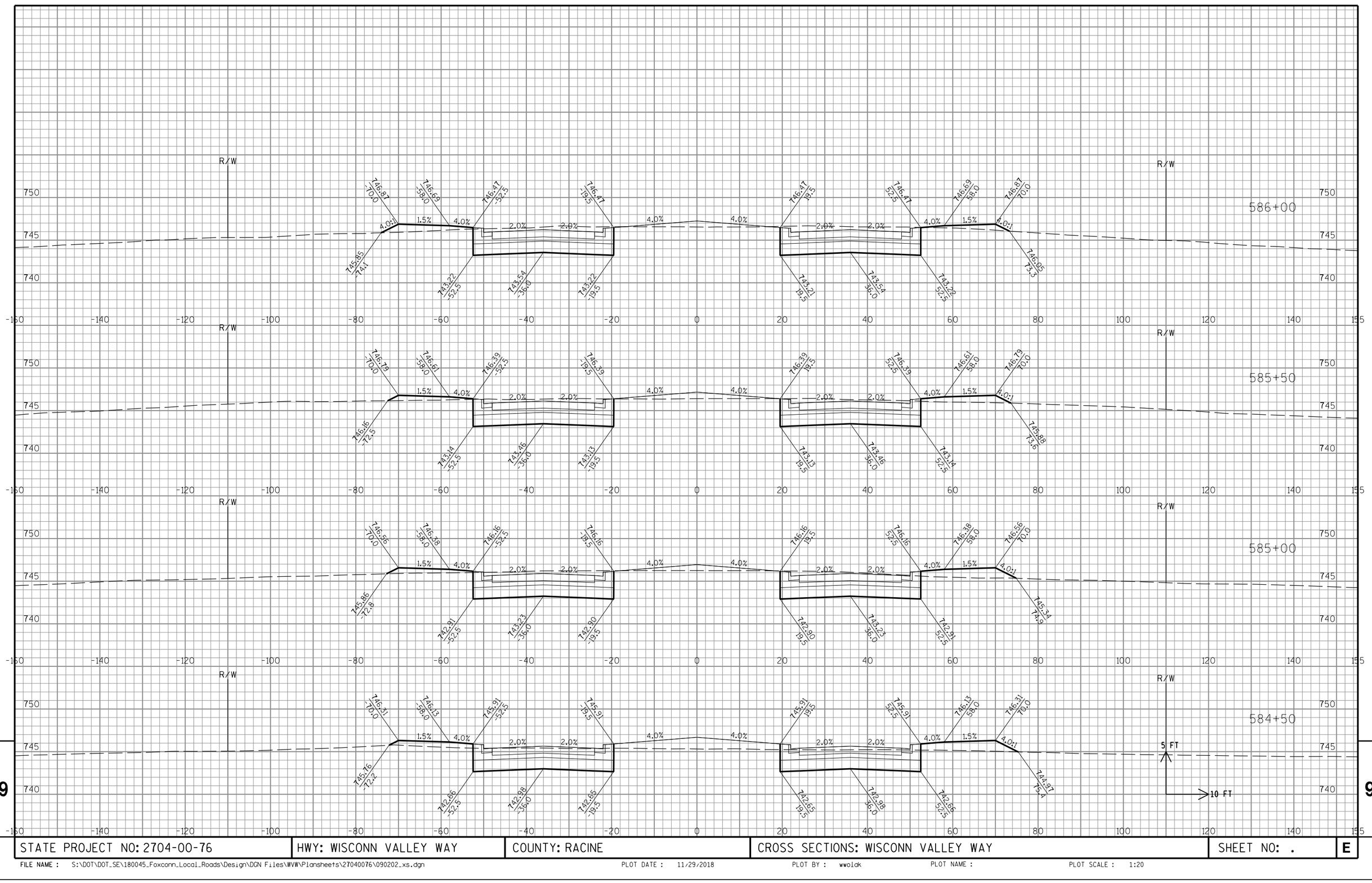

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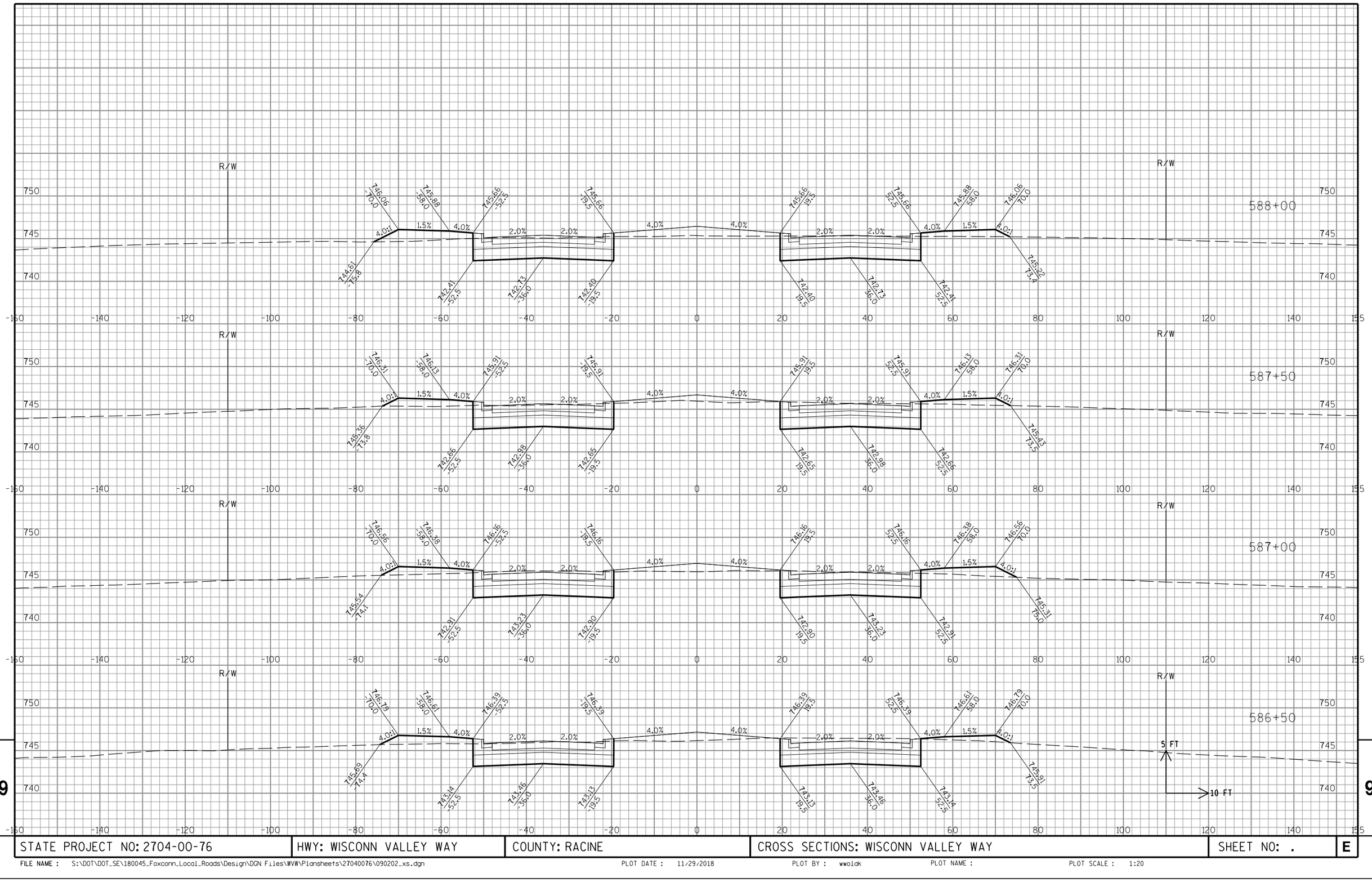

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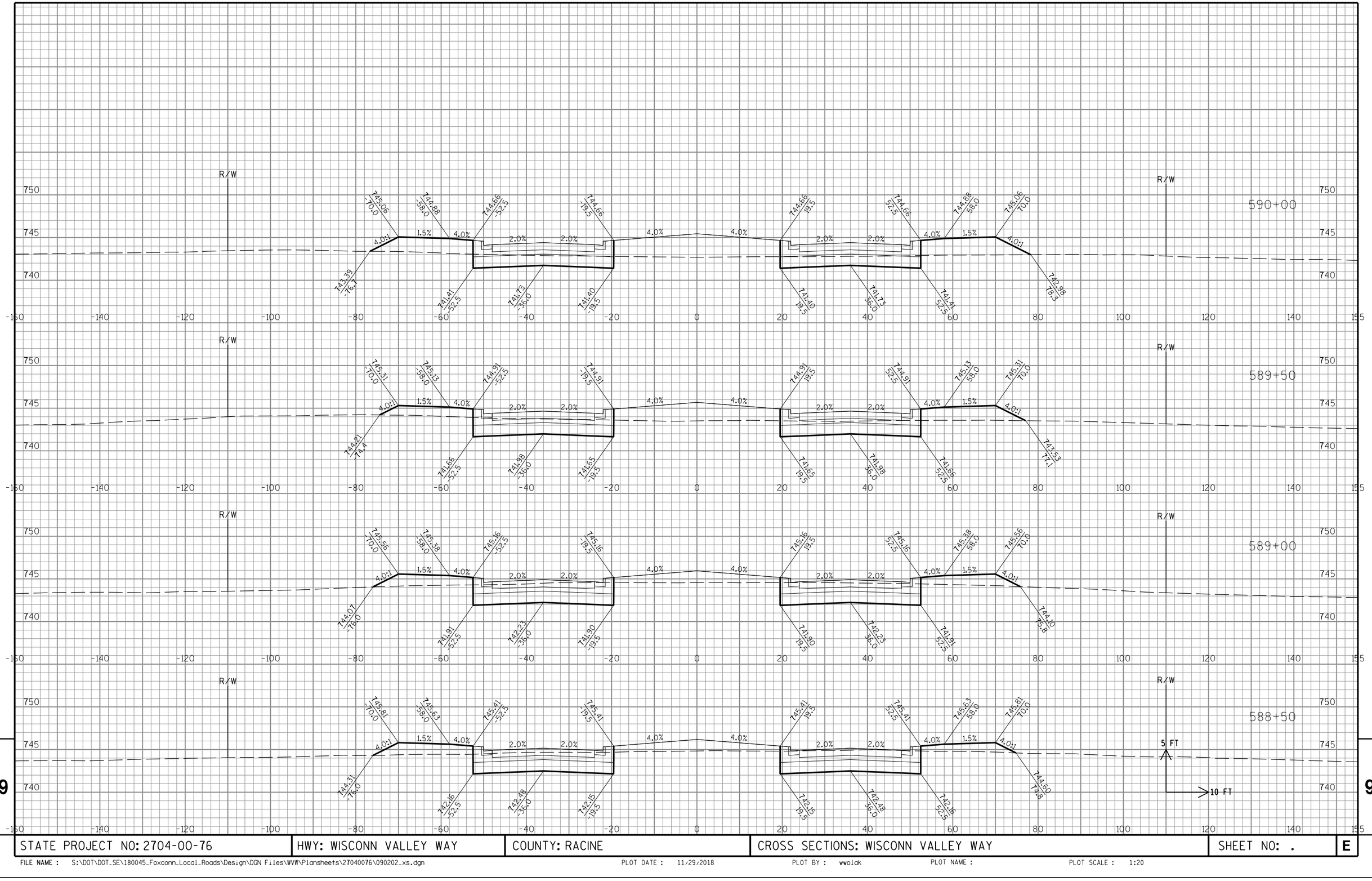

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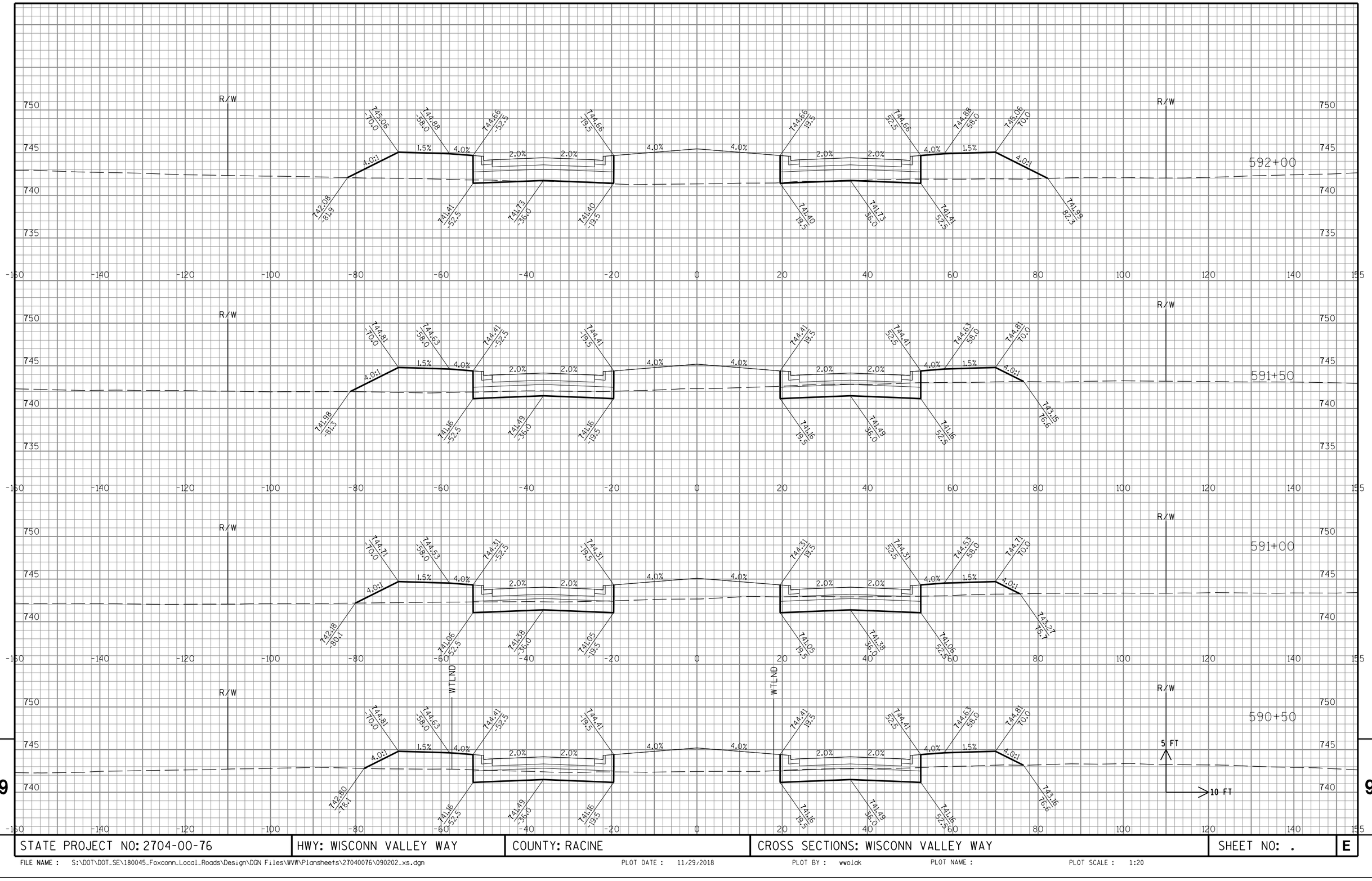

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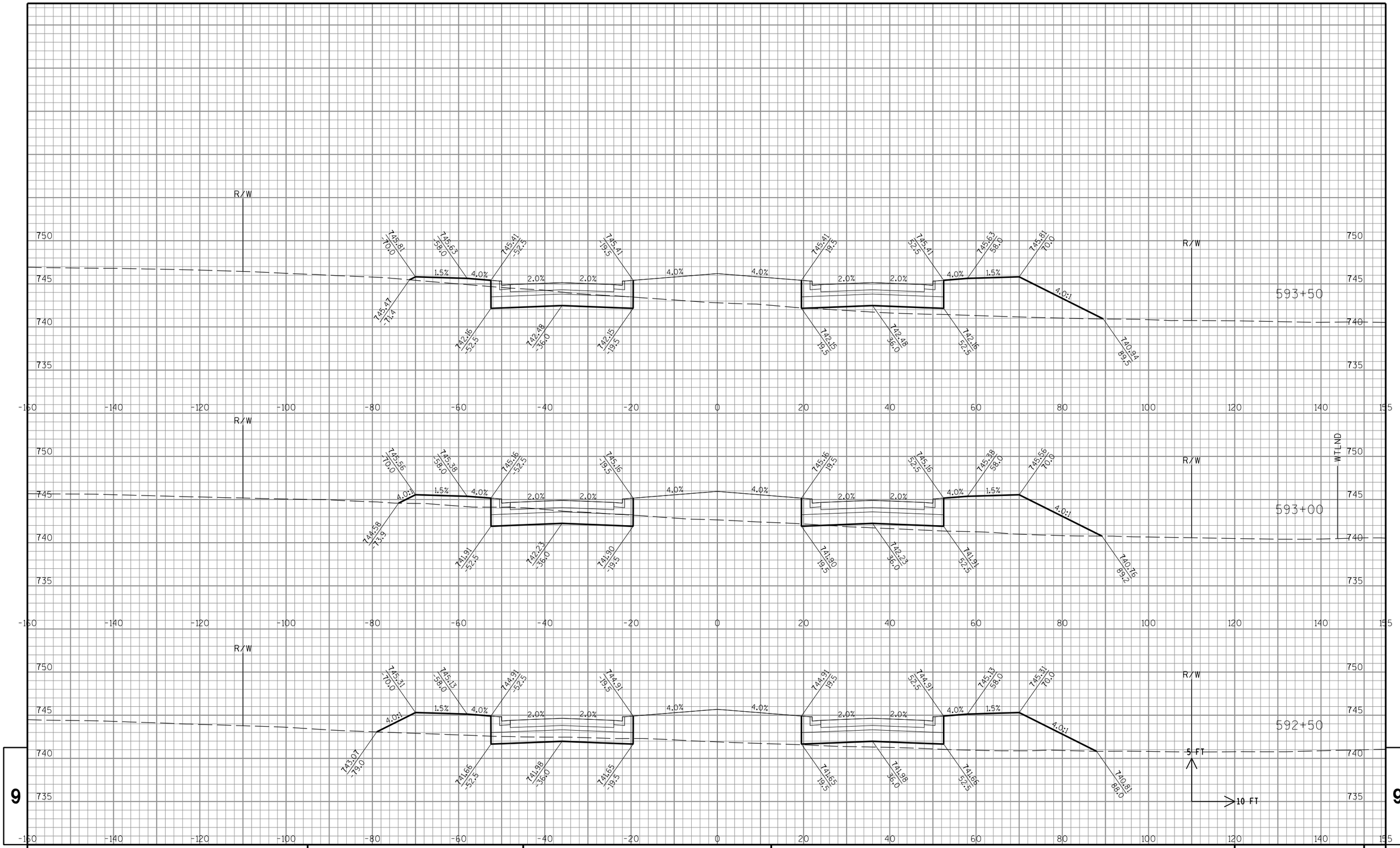

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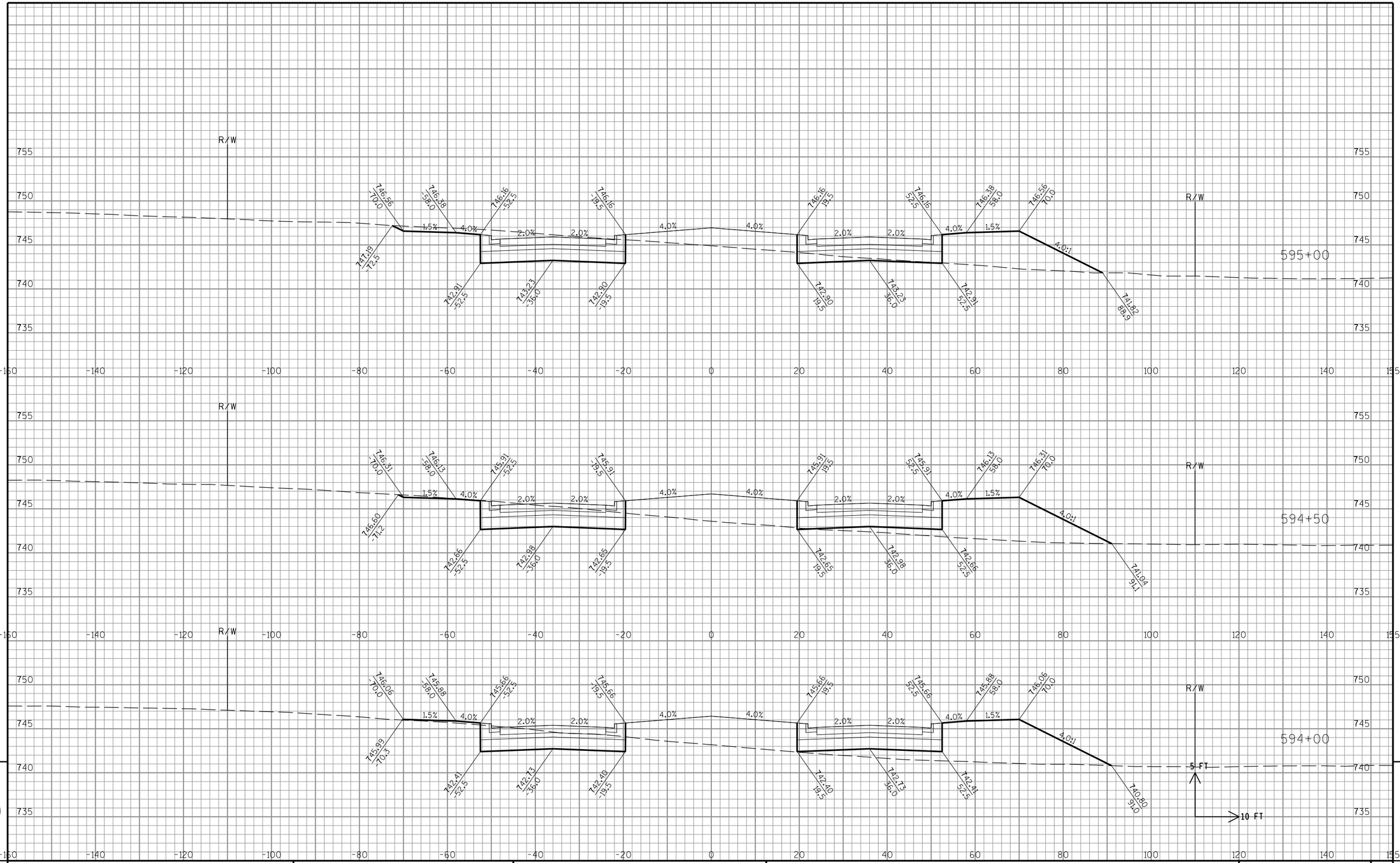

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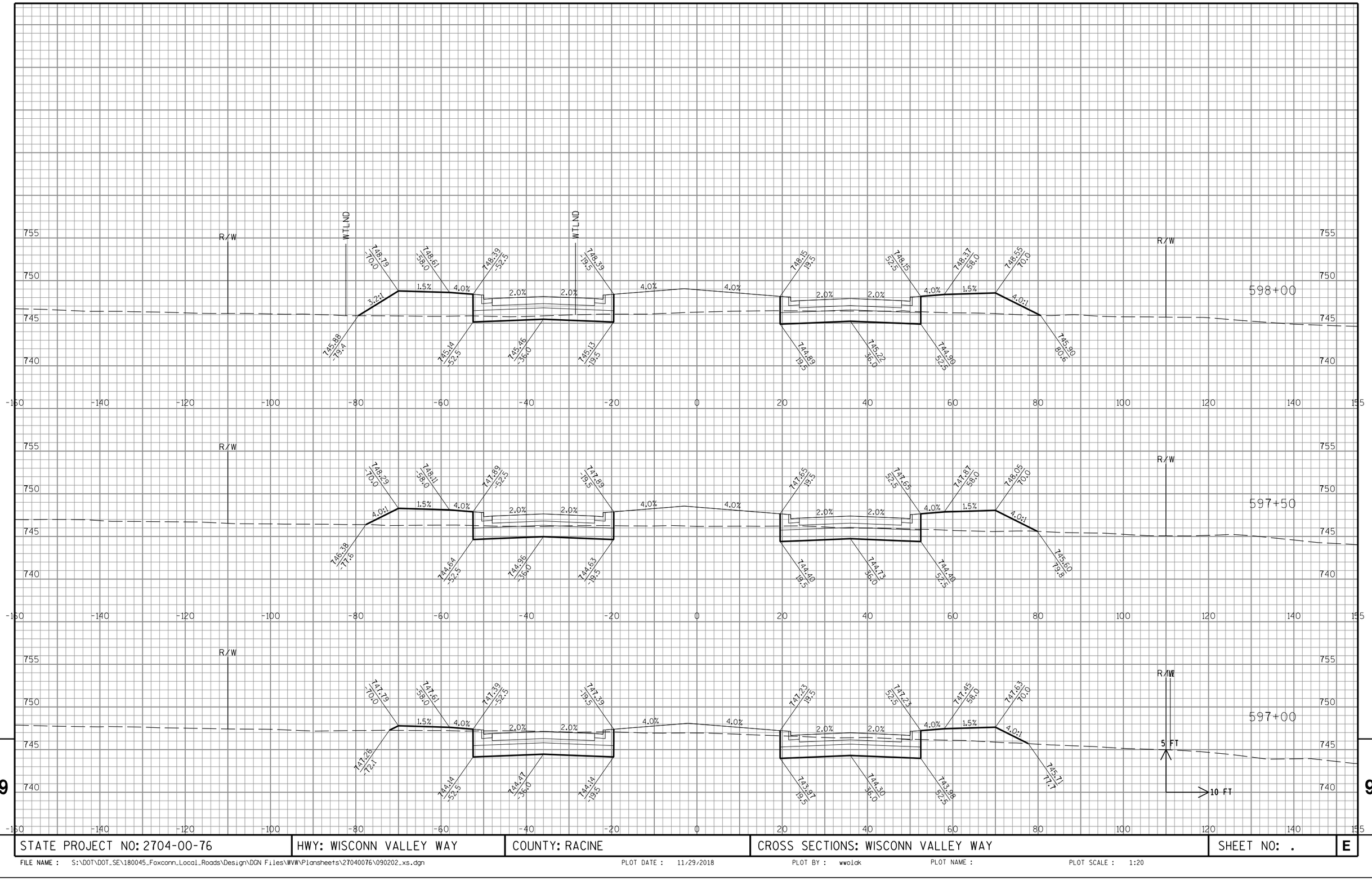

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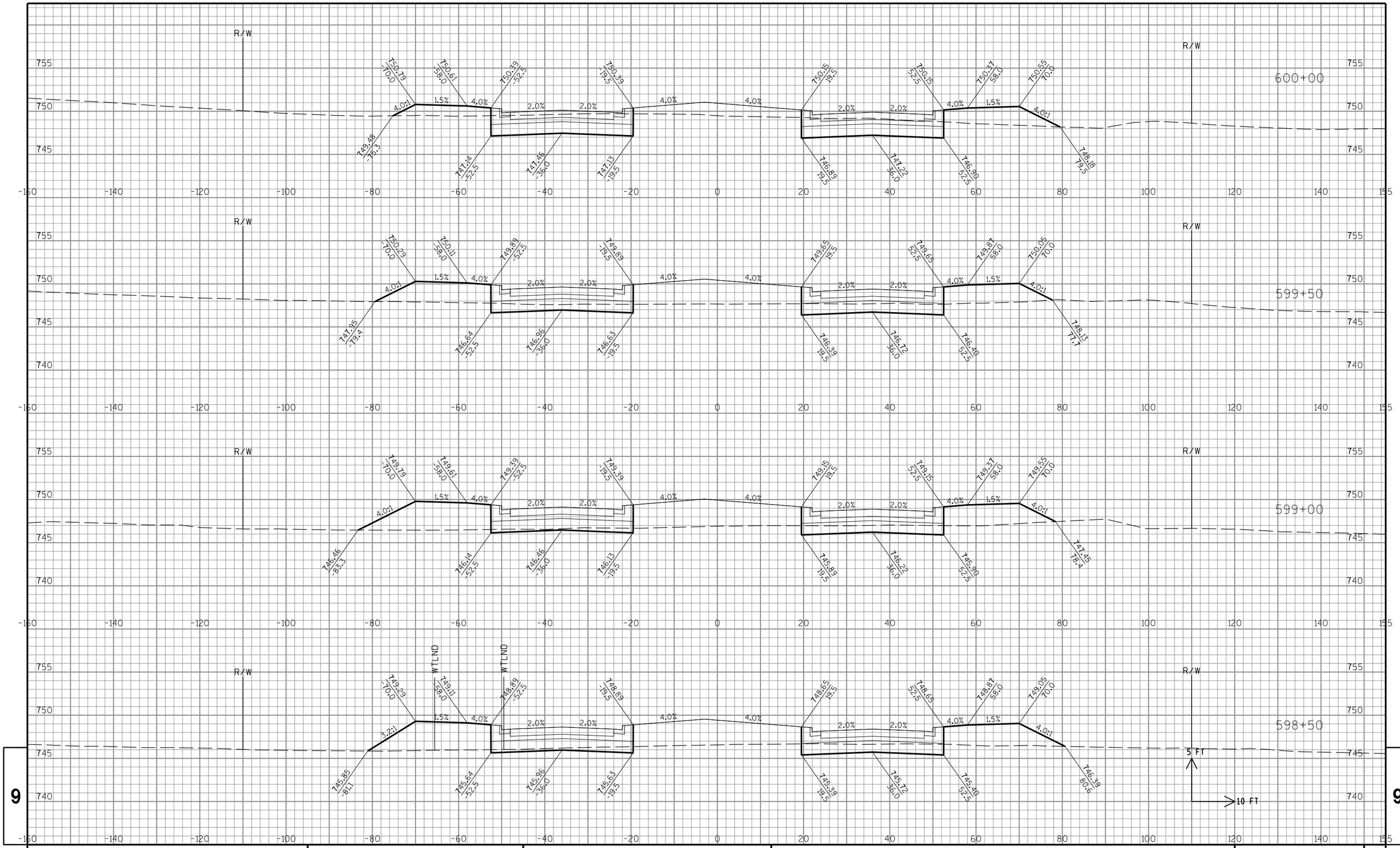

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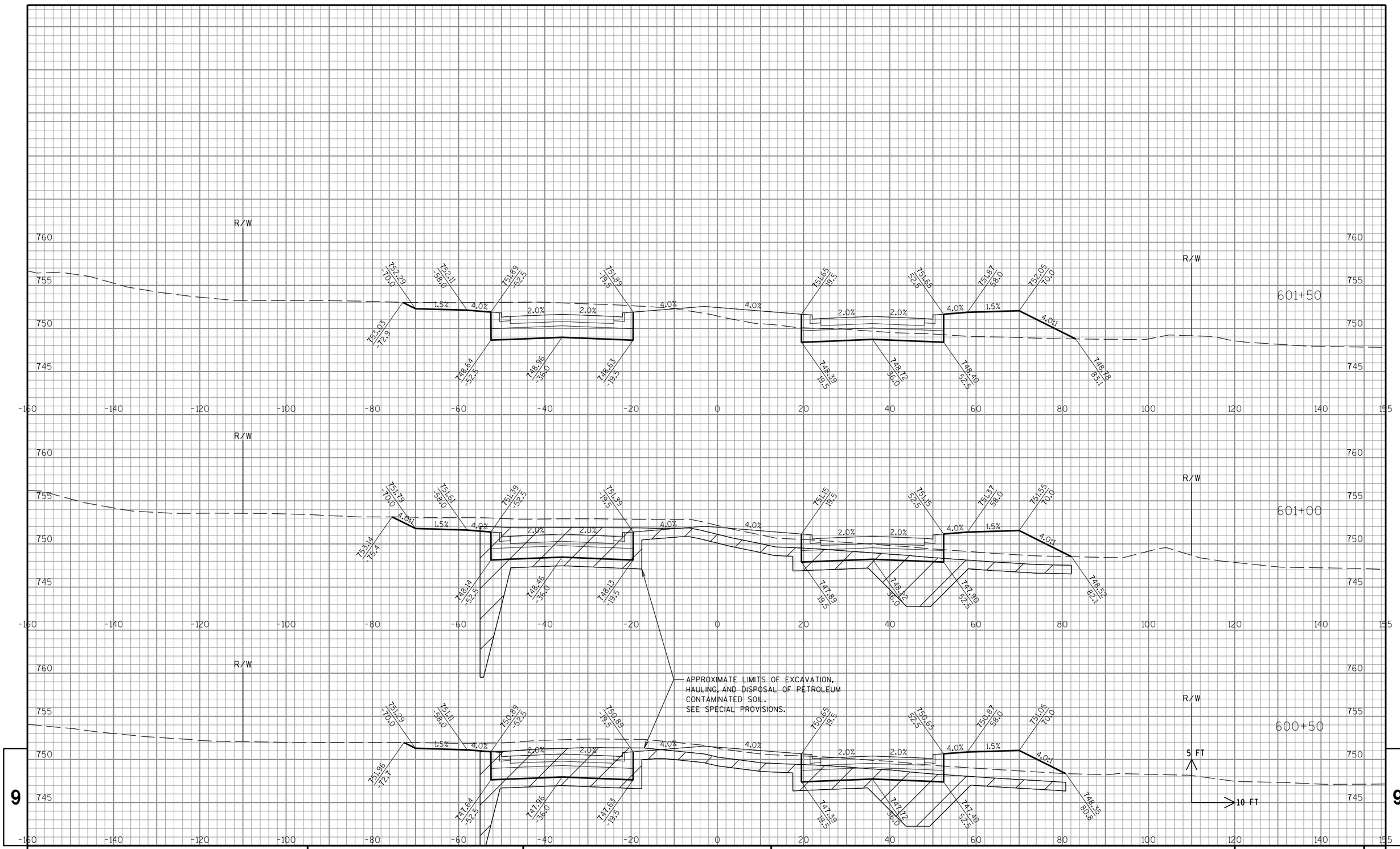

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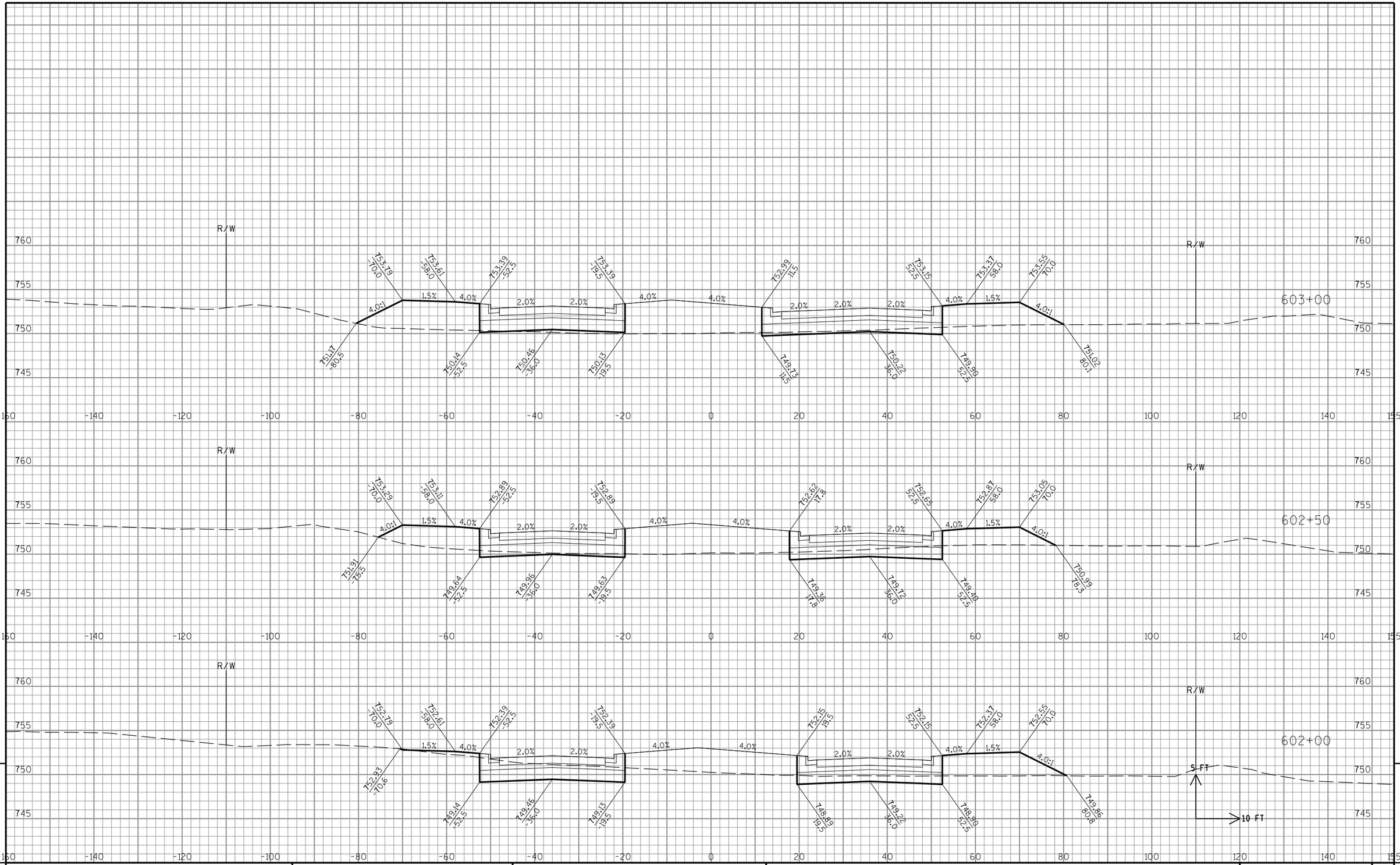

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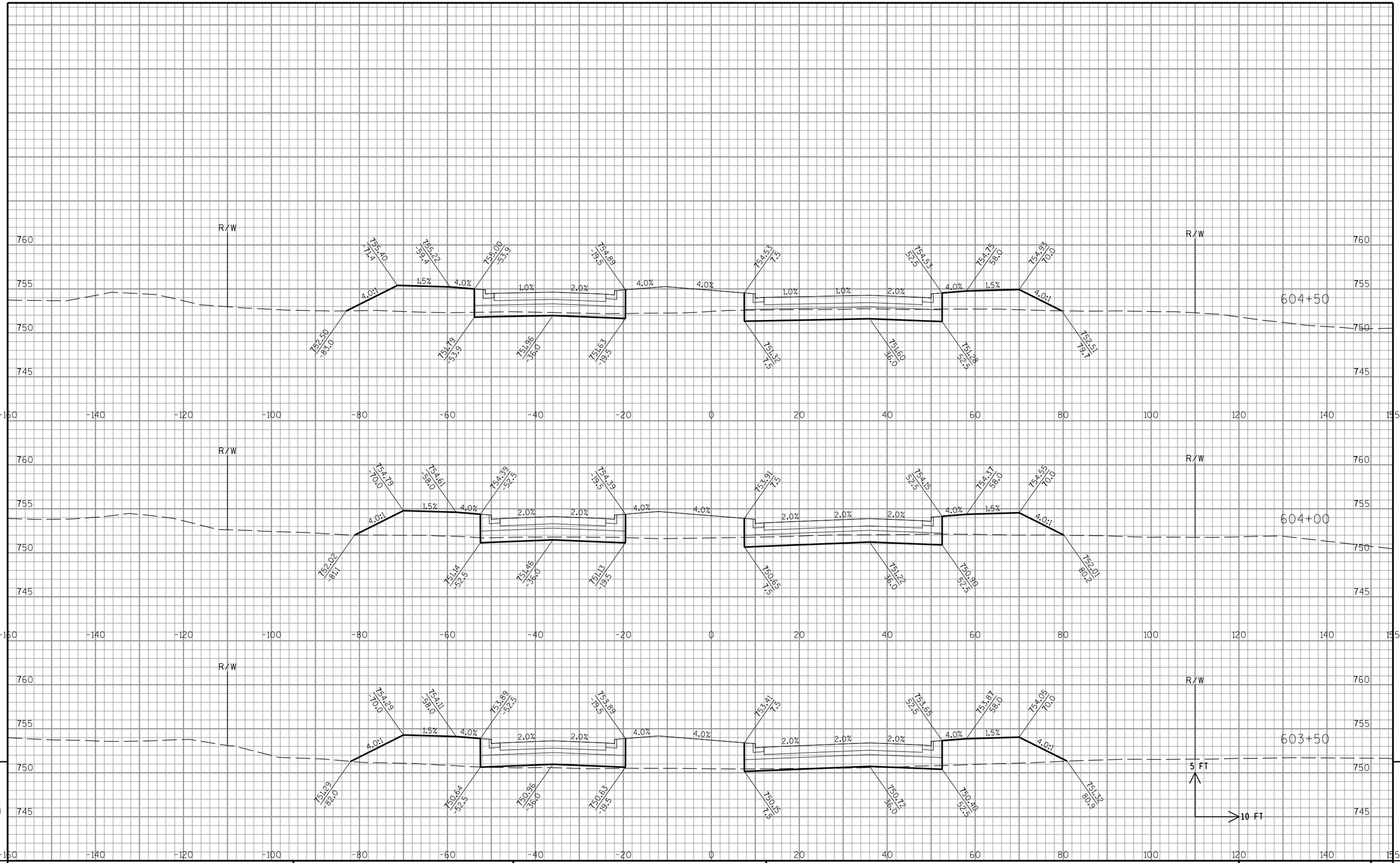

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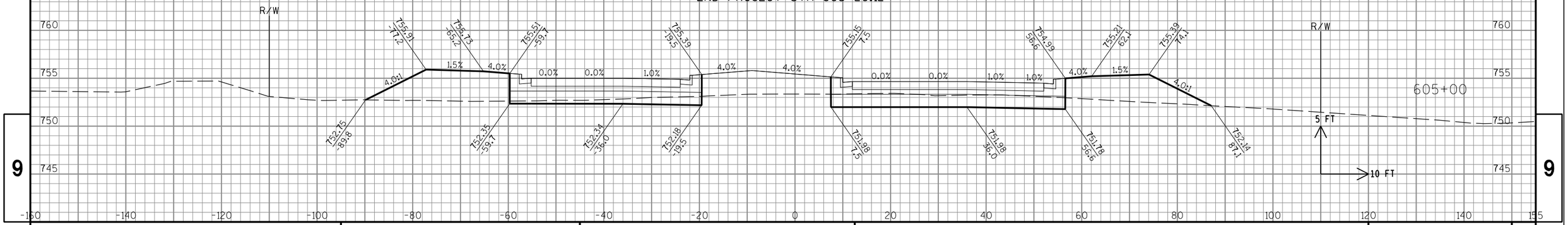
END PROJECT STA 605+29.12



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STA 54+36 TO A 55+00

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: BRAUN ROAD	SHEET	E

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WISDOT/CADDS SHEET 21

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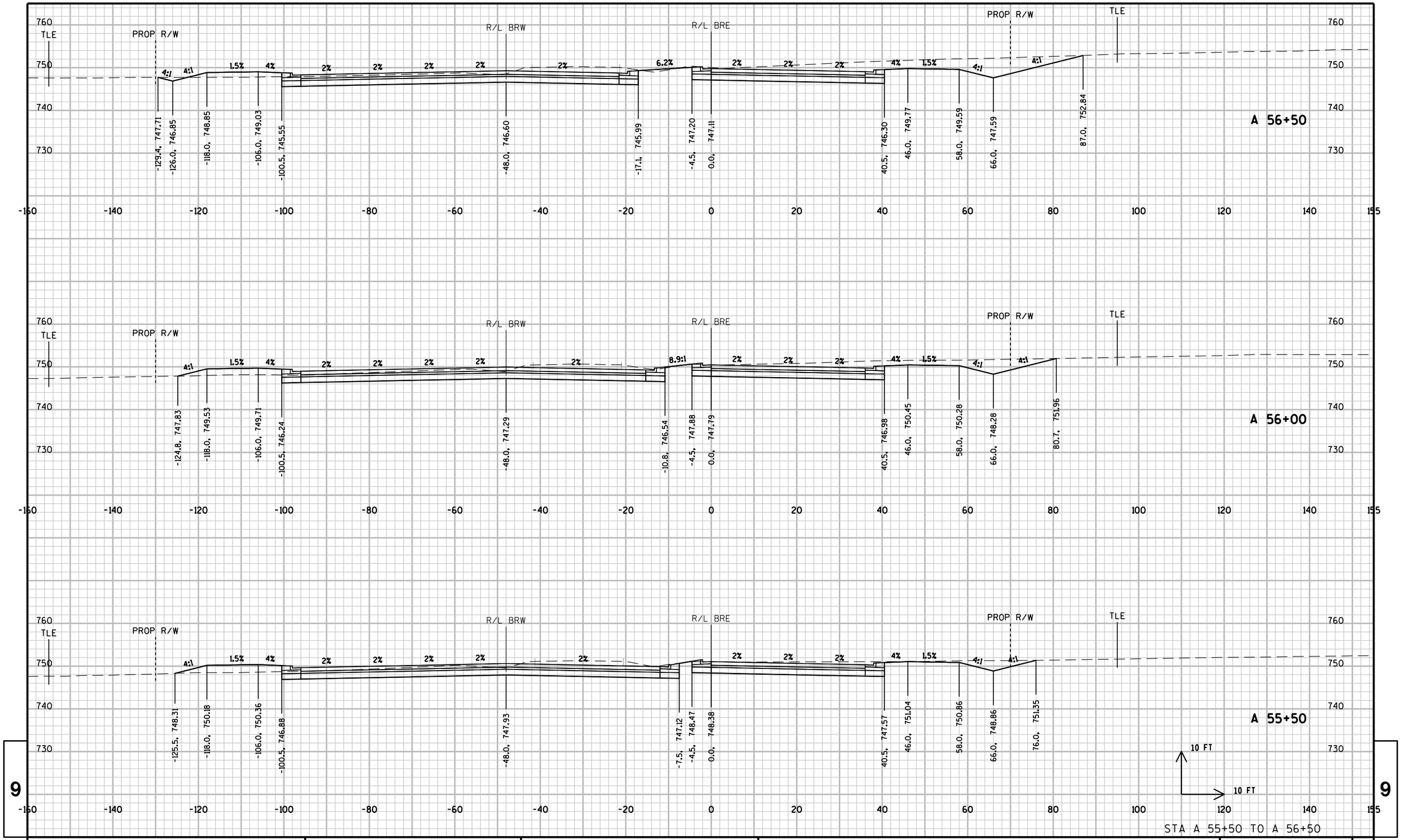

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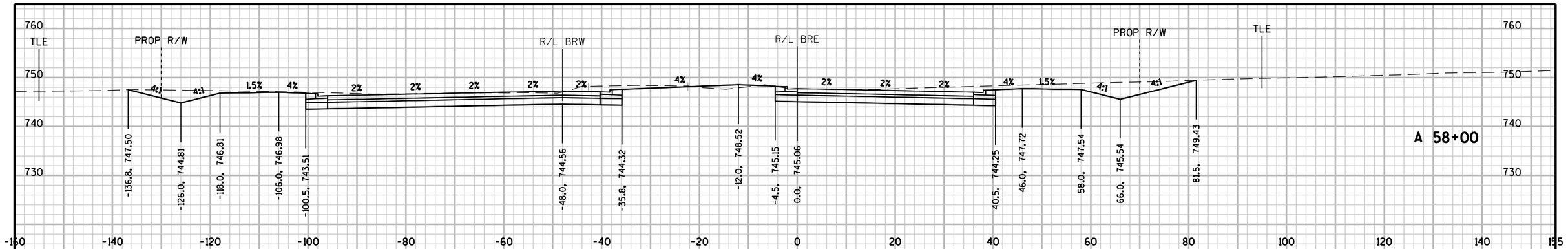
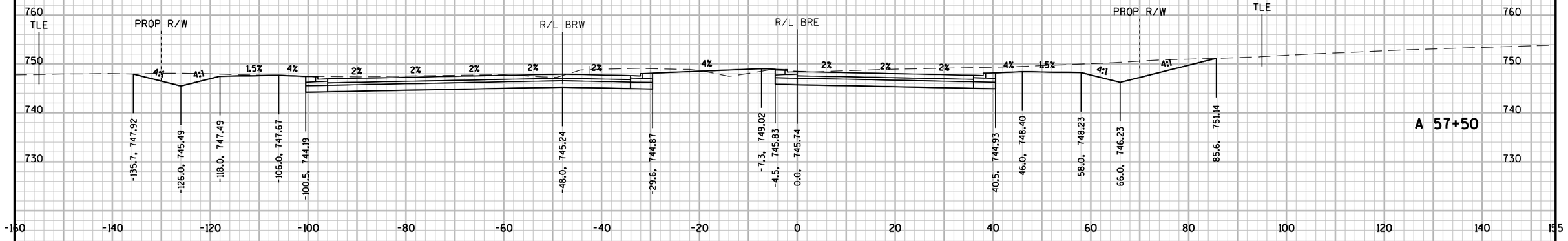
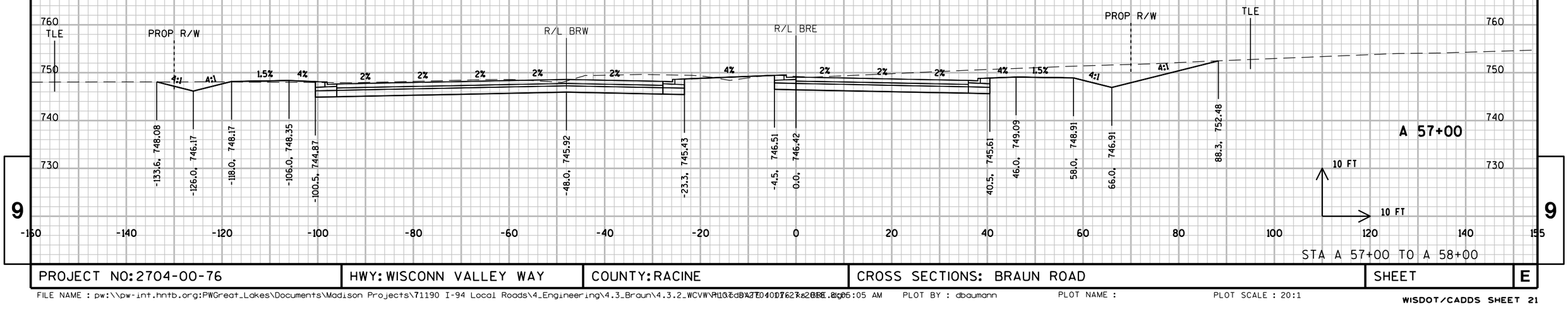
WISDOT/CADDS SHEET 21







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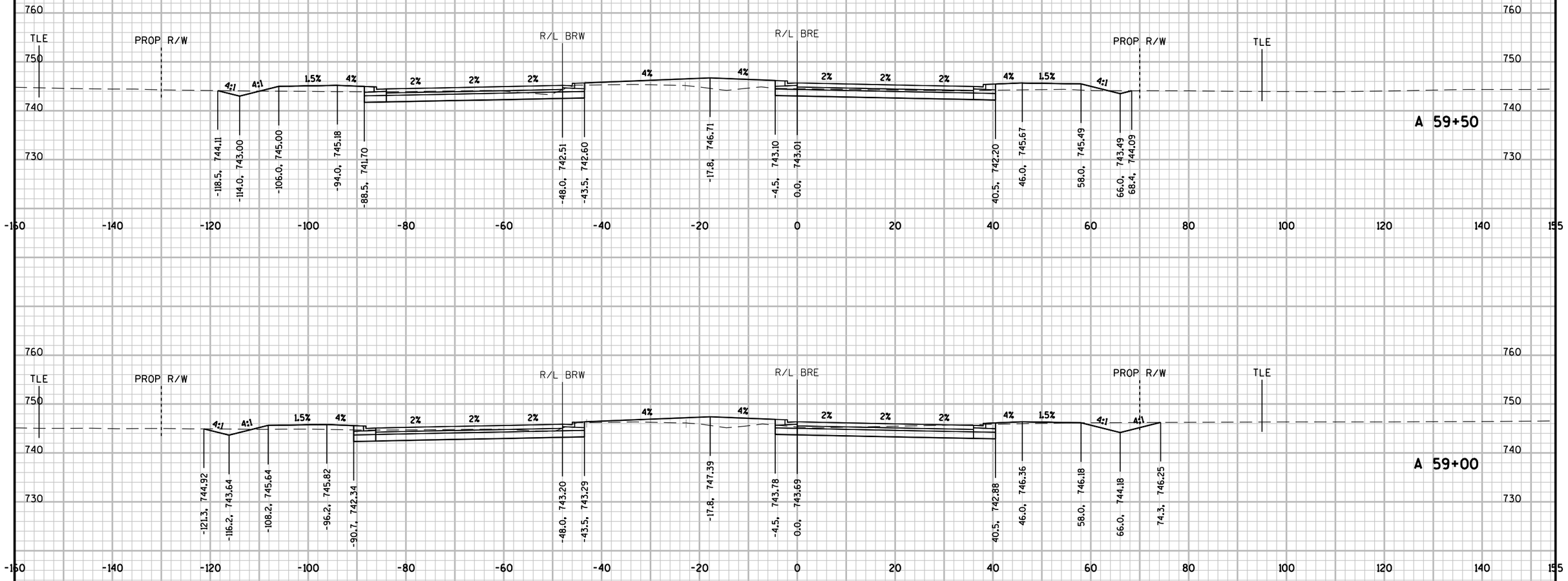
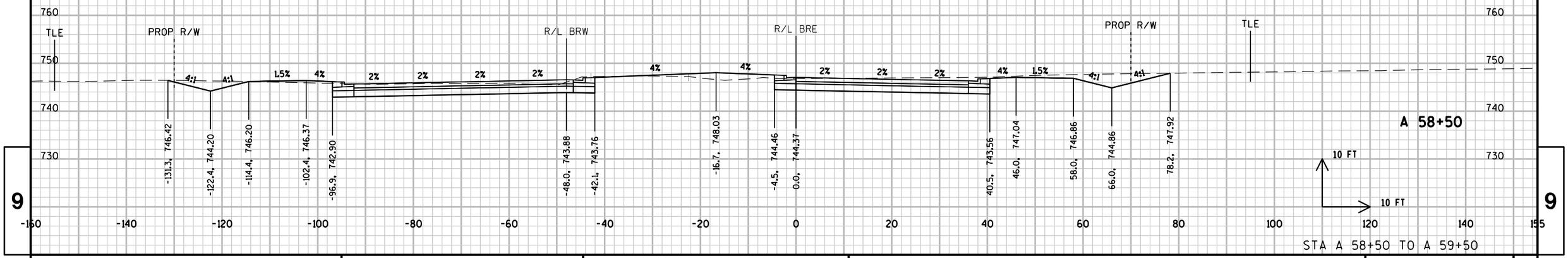
STA A 57+00 TO A 58+00

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\X27041017627x2688.dgn 10:05 AM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21





STA A 58+50 TO A 59+50

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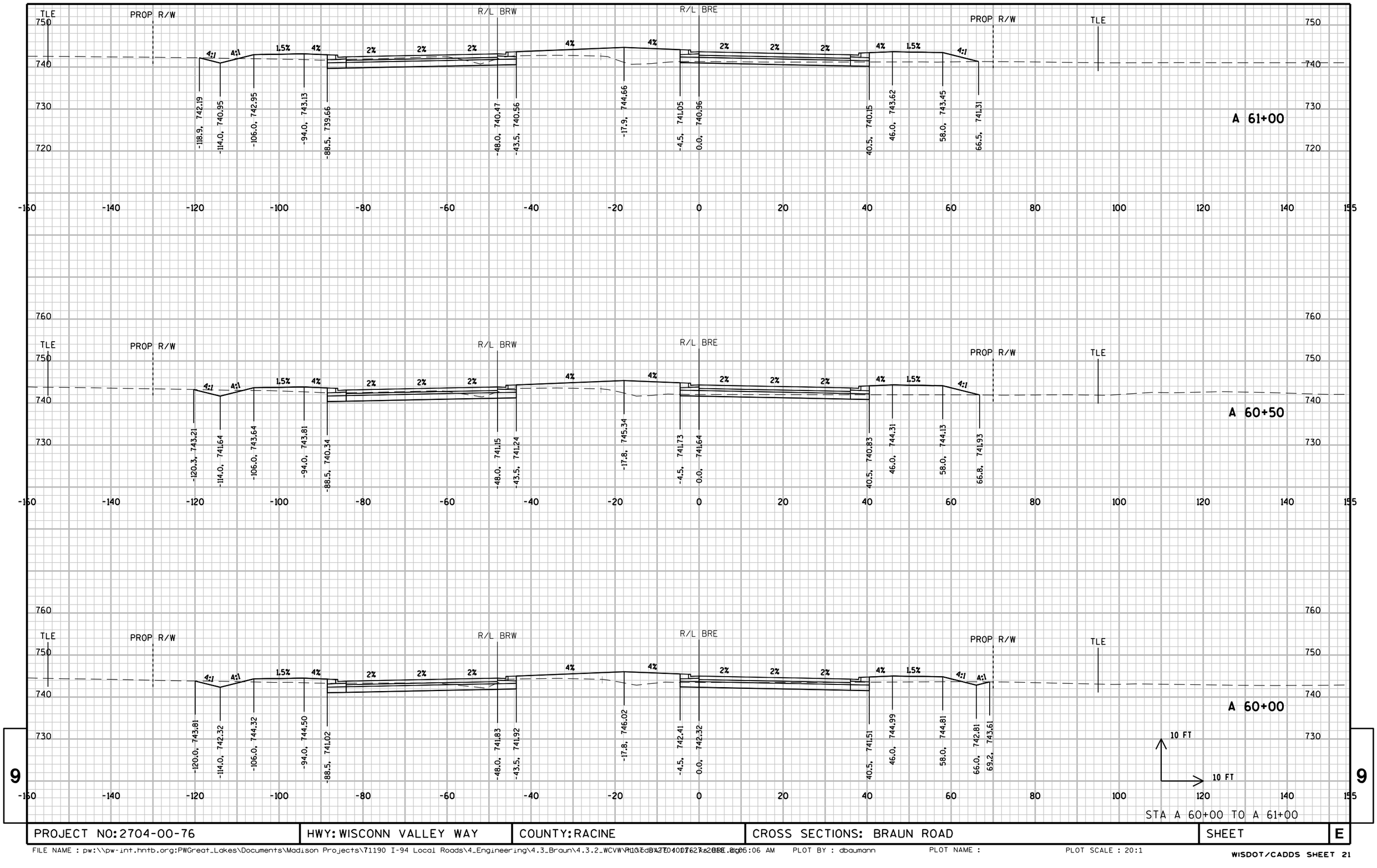
PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\X27E040176278x28BE.dgn 5:05 AM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21



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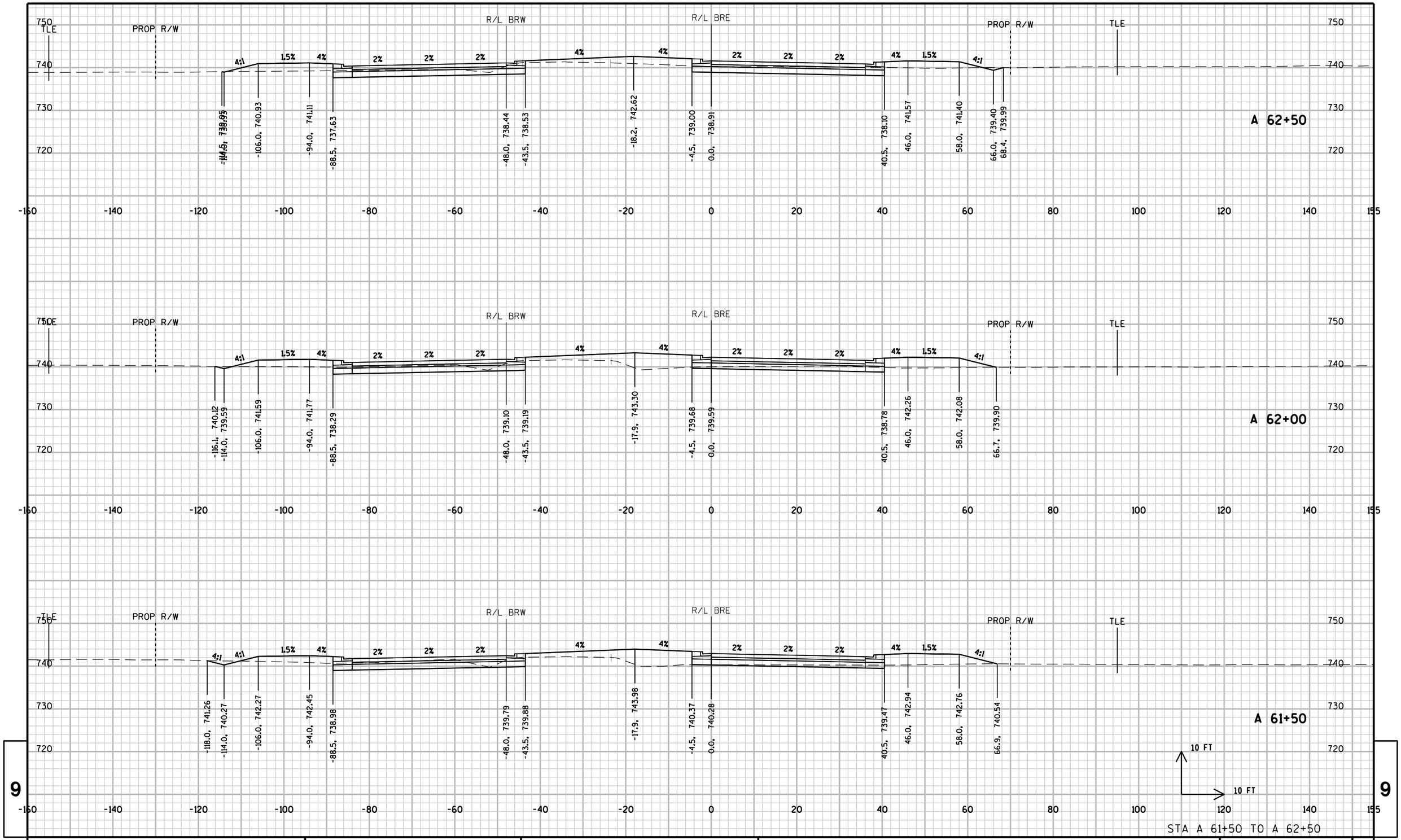
STA A 60+00 TO A 61+00

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\Plots\X27040017627x2BSE.dgn 05:06 AM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21



STA A 61+50 TO A 62+50

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: BRAUN ROAD	SHEET	E

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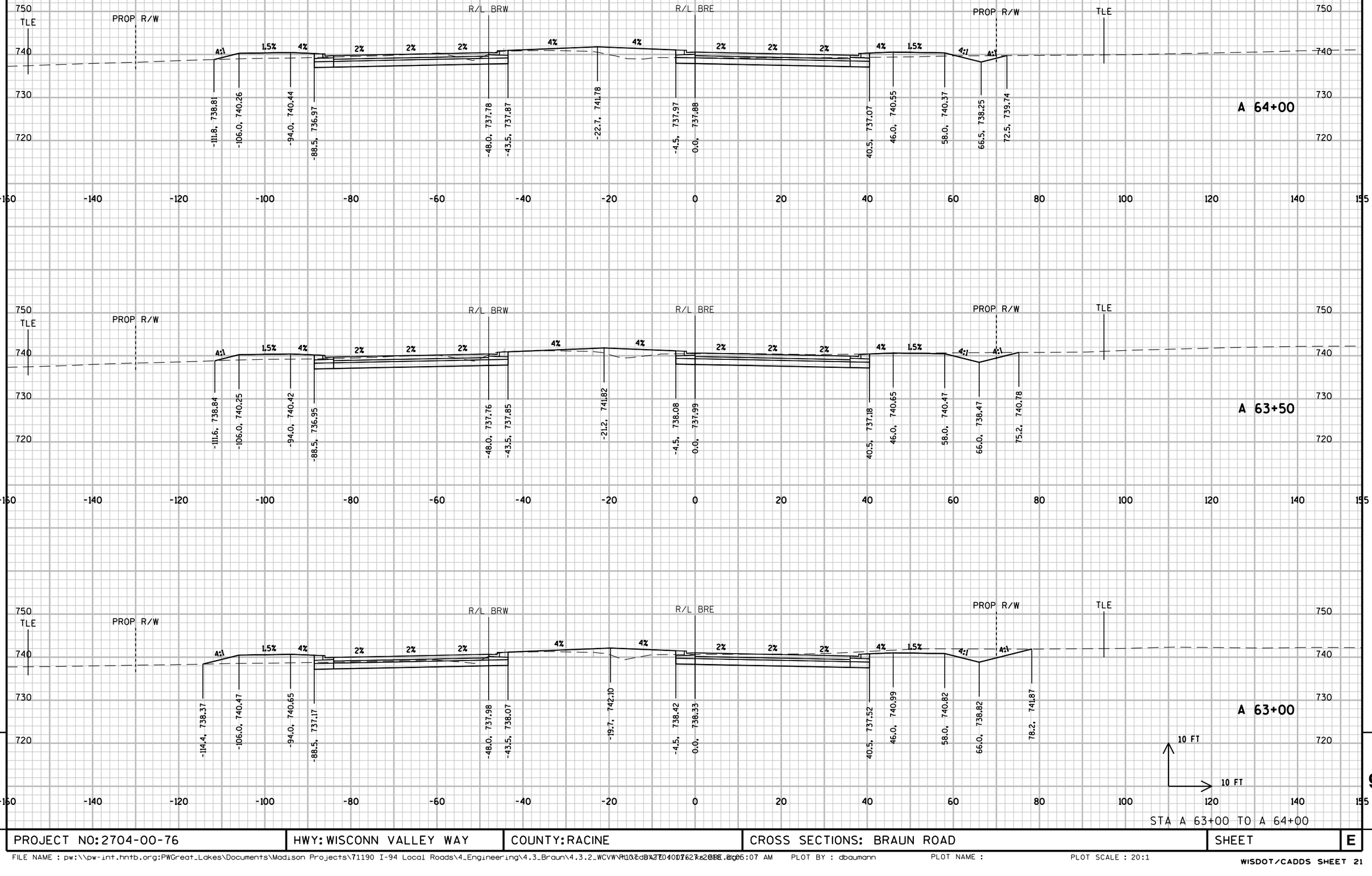
FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOT DATE : 04/17/2023 8:05:06 AM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: BRAUN ROAD	SHEET	E

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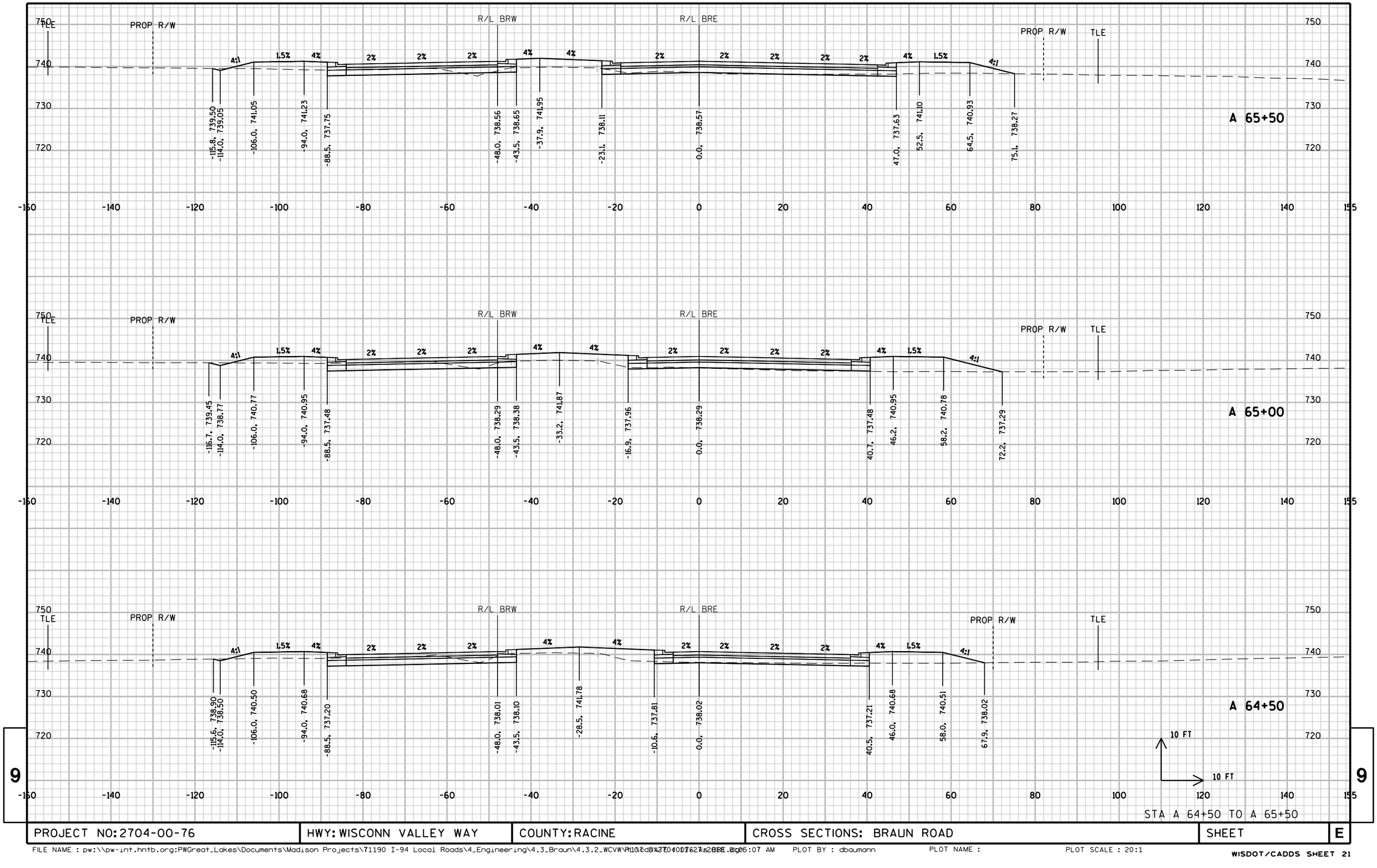
FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PH1\cdsx27040017627x28BE.dgn 10:05:07 AM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21



STA A 64+50 TO A 65+50

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

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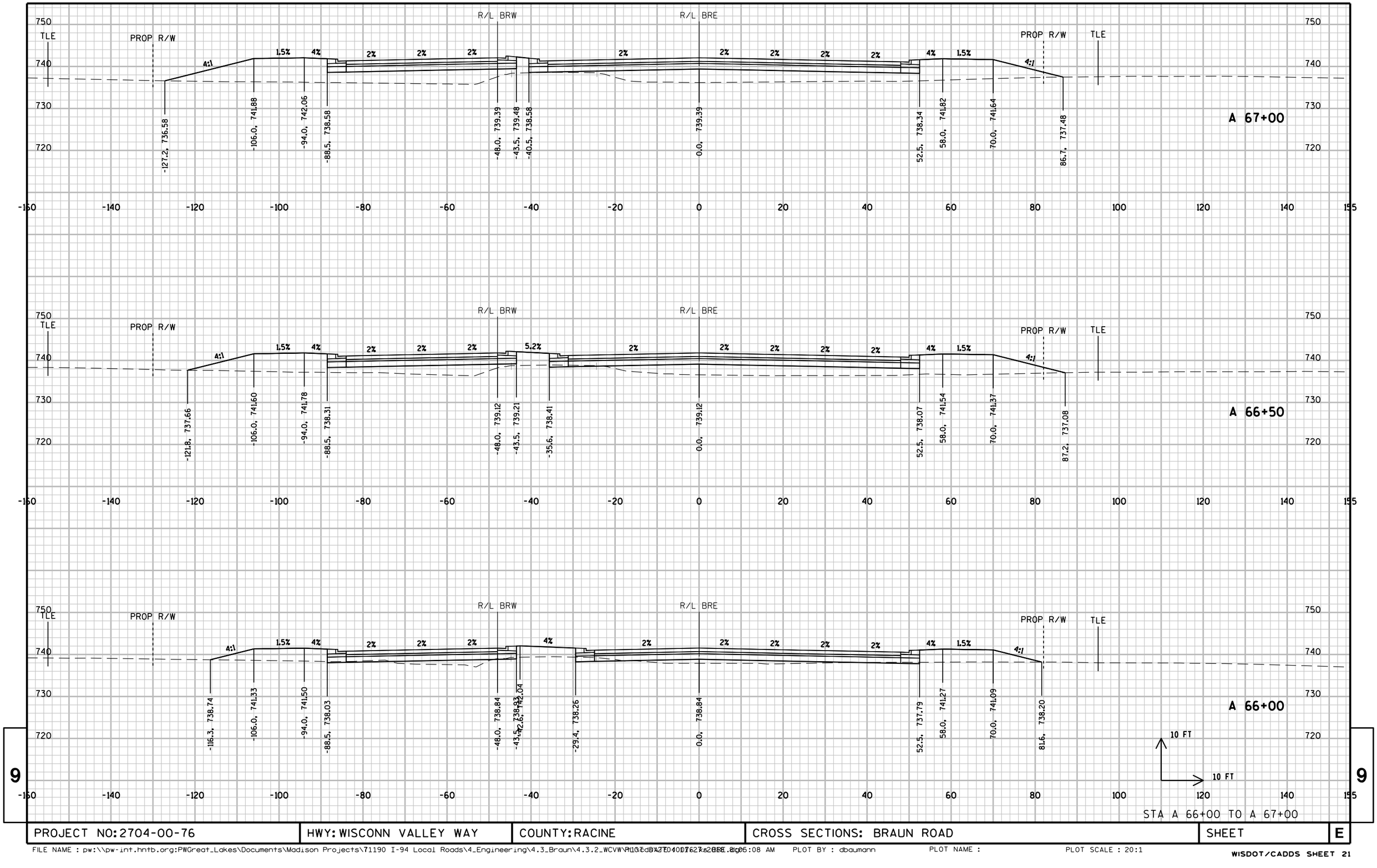

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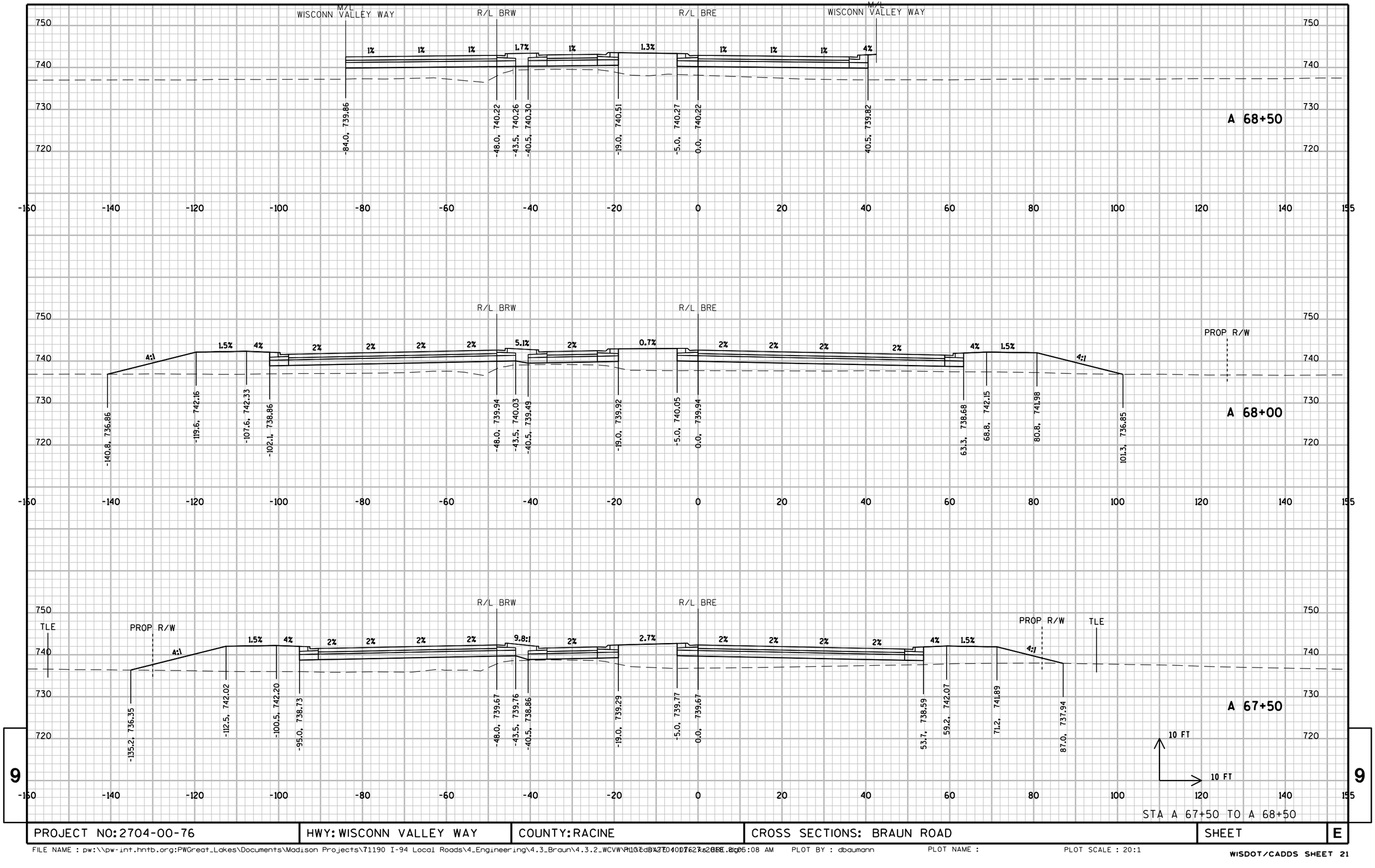
STA A 66+00 TO A 67+00

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOT DATE : 04/07/2023 8:05:08 AM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

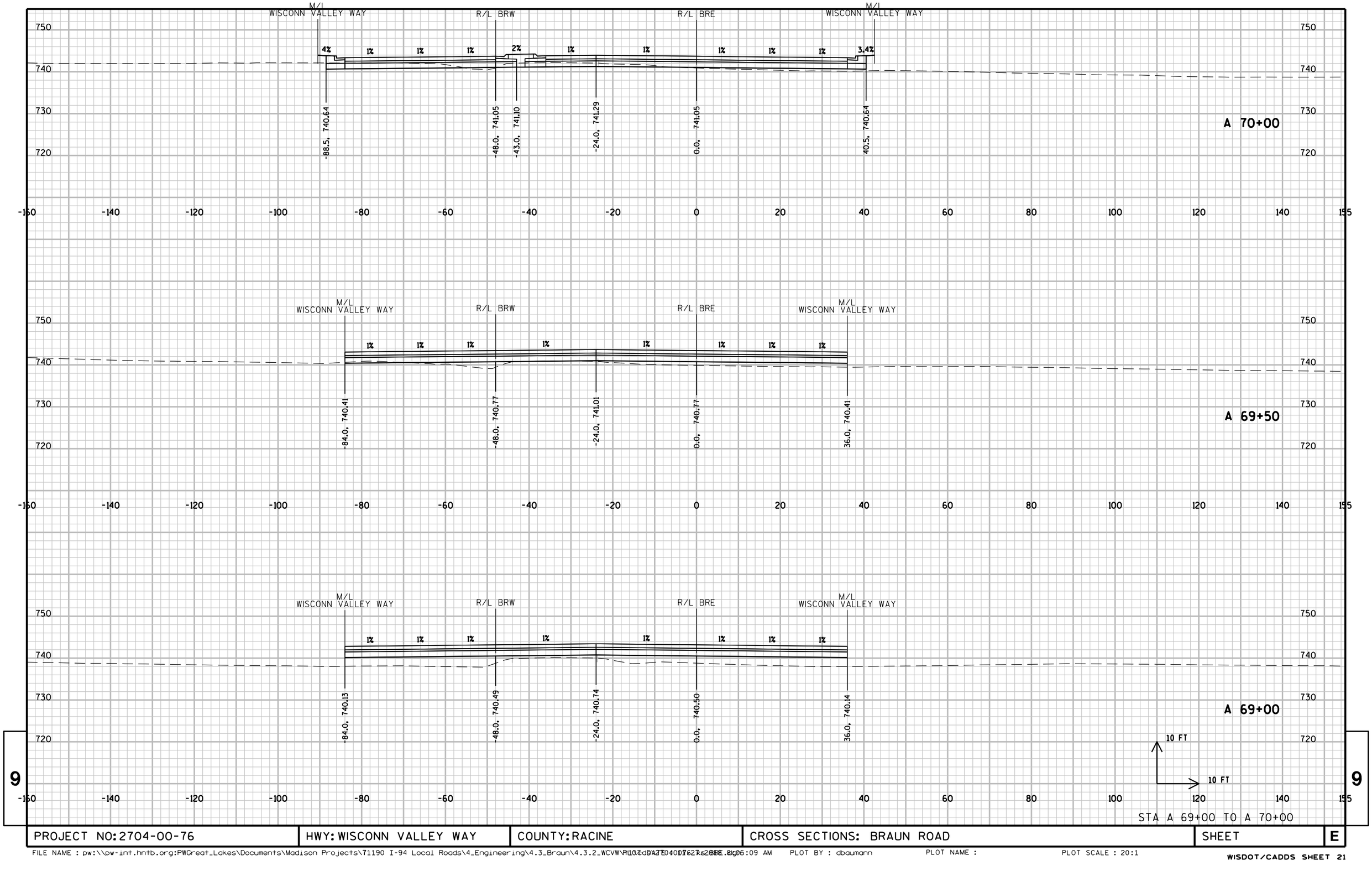


STA A 67+50 TO A 68+50

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTDATE04017627x2688.dgn 05:08 AM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

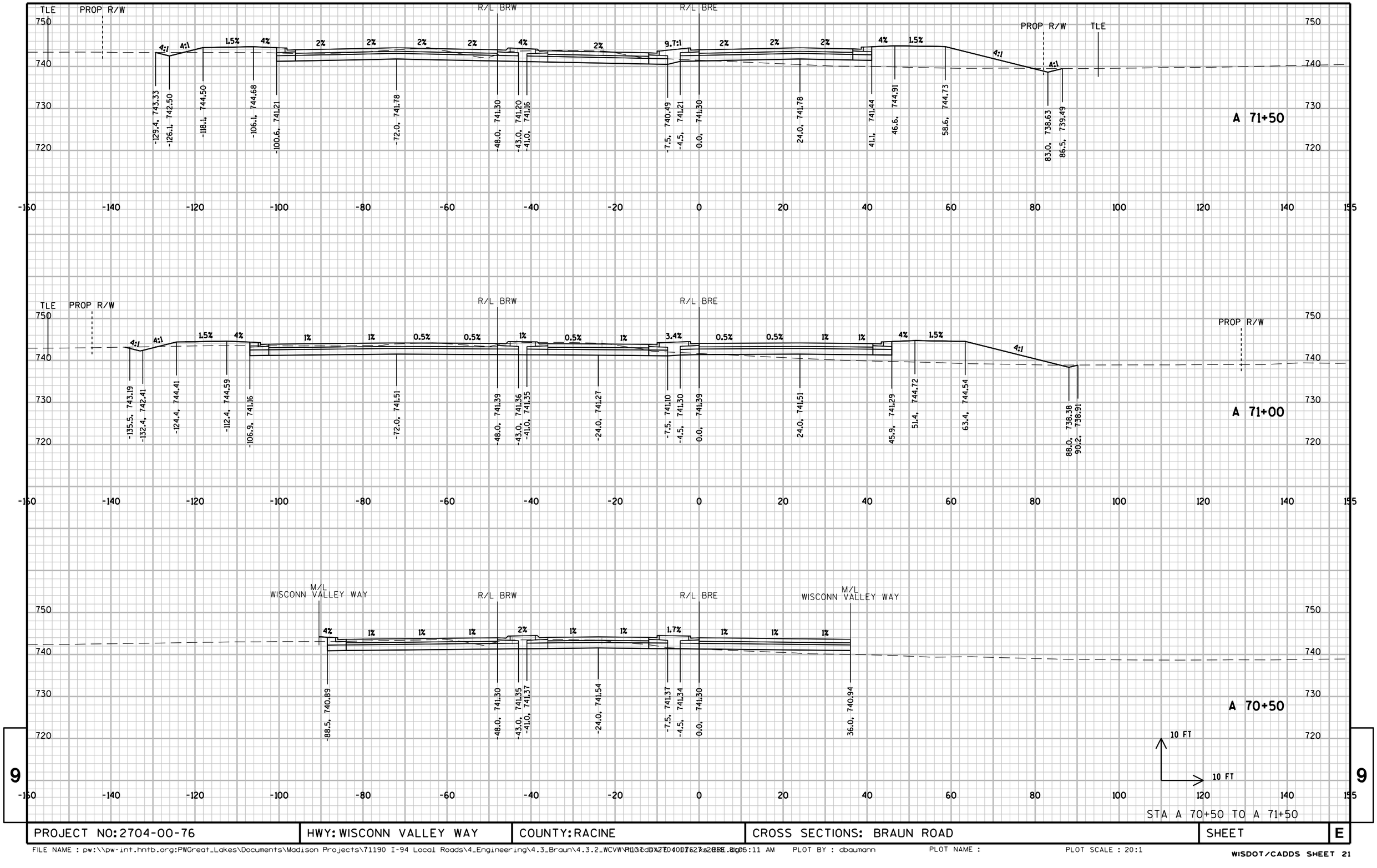


STA A 69+00 TO A 70+00

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: BRAUN ROAD	SHEET	E

9

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTDATE04017623.dgn 10:05:09 AM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 20:1
WISDOT/CADDS SHEET 21



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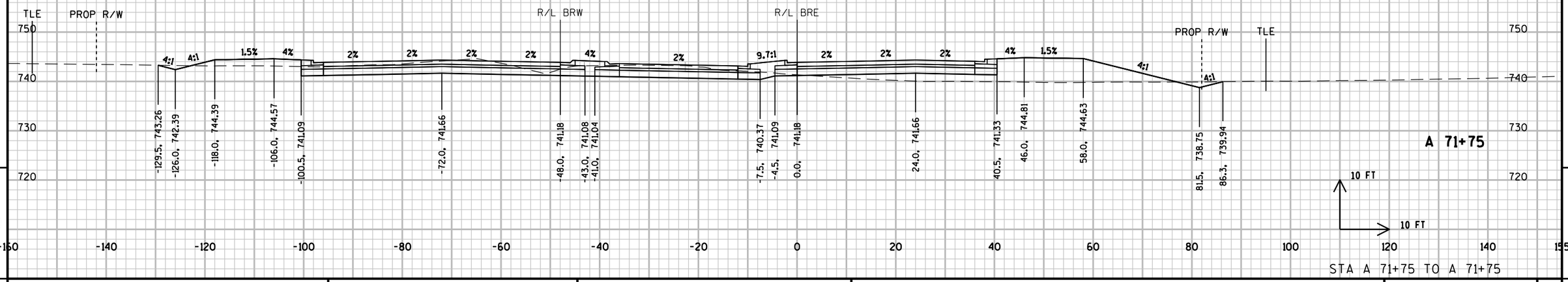
STA A 70+50 TO A 71+50

PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOT DATE : 04/07/2023 8:05:11 AM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 20:1



PROJECT NO: 2704-00-76	HWY: WISCONN VALLEY WAY	COUNTY: RACINE	CROSS SECTIONS: BRAUN ROAD	SHEET	E

FILE NAME : pw:\\pw-int.hntb.org:PWGreat_Lakes\Documents\Madison Projects\71190 I-94 Local Roads\4_Engineering\4.3_Braun\4.3.2_WCVW\PLOTS\X27E04D1762_28RE.dgn 5:12 AM PLOT BY : dbaumann PLOT NAME : PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21