

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 = 86



DESIGN DESIGNATION

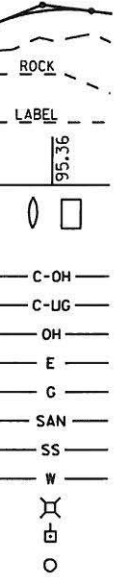
A.A.D.T.	=	N/A
A.A.D.T.	=	N/A
D.H.V.	=	N/A
D.D.	=	N/A
T.	=	N/A
DESIGN SPEED	=	20 MPH
ESALS	=	N/A

CONVENTIONAL SYMBOLS

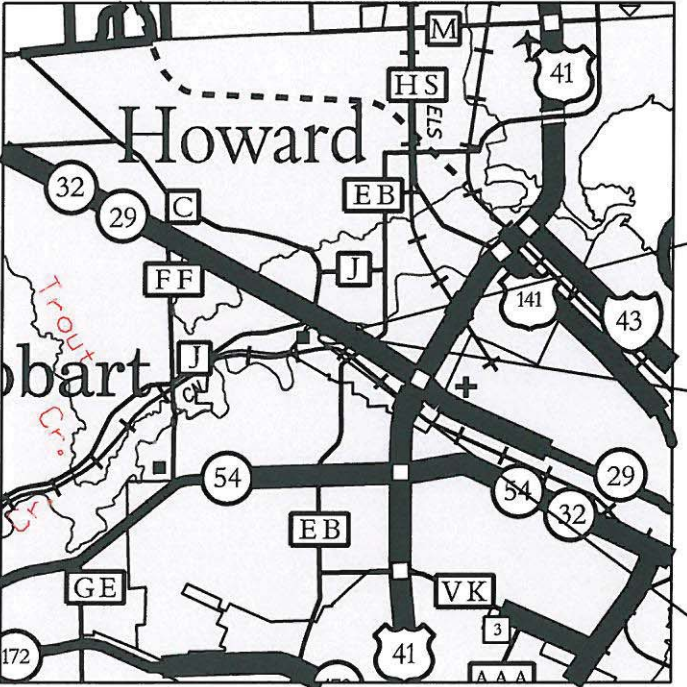
PLAN	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE

GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
COMMUNICATION OVERHEAD	
COMMUNICATION UNDERGROUND	
ELECTRIC OVERHEAD	
ELECTRIC UNDERGROUND	
GAS	
SANITARY SEWER	
STORM SEWER	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	



ROCK
LABEL
95.36



LAYOUT
SCALE 0 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.363 MI.

END PROJECT 9202-08-78
STA 66PMT+32.81

EXCEPTION TO NET LENGTH
STA 51PMT+00.00 TO STA 54PMT+90.00

BEGIN PROJECT 9202-08-78
STA 43PMT+41.79
X=78066.716
Y=578252.002

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD 88 (1991).
COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), BROWN COUNTY, NAD83 (1991).

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

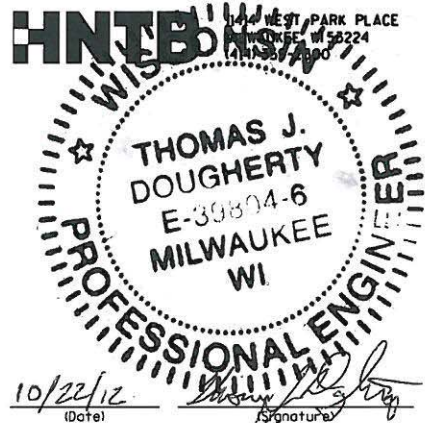
PLAN OF PROPOSED IMPROVEMENT
DE PERE - SUAMICO
STH 29 RELOCATION USH 41 - CTH J
NON HIGHWAY
BROWN COUNTY

STATE PROJECT NUMBER
9202-08-78

9202-08-78
PAMPERIN PARK TRAIL
PAVING AND LANDSCAPING



ORIGINAL PLANS PREPARED BY



STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	NE REGION
Designer	HNTB
Project Manager	PAUL VRANEY
Regional Examiner	KATHLEEN SLATTERY
Regional Supervisor	CHAD DEGRAVE
C.O. Examiner	

APPROVED FOR THE DEPARTMENT
DATE: 10/18/12

E

GENERAL NOTES

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

THE CONTRACTOR SHALL CONTACT THE UTILITIES AND DIGGERS HOTLINE TO LOCATE AND FIELD VERIFY UTILITIES. 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 THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

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

TEMPORARY STORAGE OF ANY EXCAVATED MATERIAL WILL NOT BE PERMITTED IN WETLANDS, FLOODWAY OR FLOODPLAIN OF ANY WATERWAY.

PLACE EROSION CONTROL DEVICES IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER. EROSION CONTROL FEATURES ARE SHOWN AT APPROXIMATE LOCATIONS, WITH EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER. REMOVAL OF ITEMS ARE INCIDENTAL TO THE RESPECTIVE EROSION CONTROL BID ITEM COSTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY ANY OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS AT THE CONTRACTORS EXPENSE.

CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED. PLACE TOPSOIL TO A 4-INCH DEPTH UNLESS OTHERWISE NOTED.

PLACE TOPSOIL IN ALL GRADED AREAS AS DESIGNATED BY THE ENGINEER IMMEDIATELY AFTER GRADING HAS BEEN COMPLETED. SEED ALL AREAS 5 DAYS AFTER PLACEMENT OF TOPSOIL.

A SAWED JOINT IS REQUIRED WHERE NEW HMA PAVEMENT MEETS EXISTING HMA PAVEMENT.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY ARE TO BE TOP SOILED AND TREATED AS SHOWN ON THE EROSION CONTROL PLANS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER SHALL NOT BE USED NEAR NAVIGABLE WATERWAYS OR WETLANDS.



Toll Free (800) 242-8511
Milwaukee Area (414) 259-1181
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

UTILITY CONTACTS

GREEN BAY, CITY OF

MR. STEVE GRENIER
ASSISTANT CITY ENGINEER
100 NORTH JEFFERSON STREET
GREEN BAY, WI 54301
(920) 448-3097
stevengr@ci.green-bay.wi.us

WISCONSIN DEPARTMENT OF
TRANSPORTATION

MR. DONALD SCHELL
WISCONSIN DEPARTMENT OF
TRANSPORTATION - COMMUNICATIONS
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MOBILE: 608-695-0878
donald.schell@dot.state.wi.us

AMERICAN TRANSMISSION COMPANY,
LLC

MR. MIKE OLSEN
801 O'KEEFE RD.
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DE PERE, WI 54115-6113
(920) 338-6582
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MOlsen@atcllc.com

AT&T WISCONSIN

MS. KAREN WELLS
205 S. JEFFERSON ST.
GREEN BAY, WI 54301
(920) 433-4226
kw9272@att.com

GREEN BAY METROPOLITAN SEWERAGE
DISTRICT

MR. MICHAEL PIERNER
2231 N. QUINCY ST.
GREEN BAY, WI 54302
(920) 438-1033
MPierner@gbmsd.org

CENTURYLINK

MR. KEVIN HUFF
13057 S MONITOR AVE
PALOS HEIGHTS, IL 60463
(708) 837-7927
Kevin.Huff@Qwest.com

TIME WARNER CABLE

MR. VINCE ALBIN
3520 DESTINATION DR
APPLETON, WI 54195
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MOBILE: (920) 378-0444
vince.albin@tw.cable.com

VILLAGE OF HOWARD

MR. MIKE KASTER
1336 CORNELL RD.
GREEN BAY, WI 54313
(920) 434-4060
Mkaster@VillageofHoward.com

WISCONSIN PUBLIC SERVICE
CORPORATION - ELECTRIC

MR. RANDY STEIER
2850 S. ASHLAND AVE
P.O. BOX 19001
GREEN BAY, WI 54307-9001
(920) 617-5167
MOBILE: (920) 655-1596
RDSteier@WisconsinPublicService.com

WISCONSIN PUBLIC SERVICE
CORPORATION - GAS/PETROLEUM

MR. TERRY LUTTENEGGER
2850 S. ASHLAND AVE
P.O. BOX 19001
GREEN BAY, WI 54307-9001
(920) 617-5219
MOBILE: (920) 639-3964
TBLuttenegger@WisconsinPublicService.com

ORDER OF SECTION 2 DETAIL SHEETS

- GENERAL NOTES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- REMOVAL PLAN
- PLAN DETAILS
- EROSION CONTROL
- LANDSCAPING
- PERMANENT SIGNING
- TRAFFIC CONTROL
- ALIGNMENT PLAN

DESIGN CONTACTS

T.J. DOUGHERTY
HNTB CORPORATION
11414 W. PARK PLACE, SUITE 300
MILWAUKEE, WI 53224
414-410-6783

DNR AREA LIAISON

JAMES DOPERALSKI JR
DEPARTMENT OF NATURAL RESOURCES
2984 SHAWANO AVE
P.O. BOX 10448
GREEN BAY, WI 54307-0448
(920) 662-5119
james.doperalski@wisconsin.gov

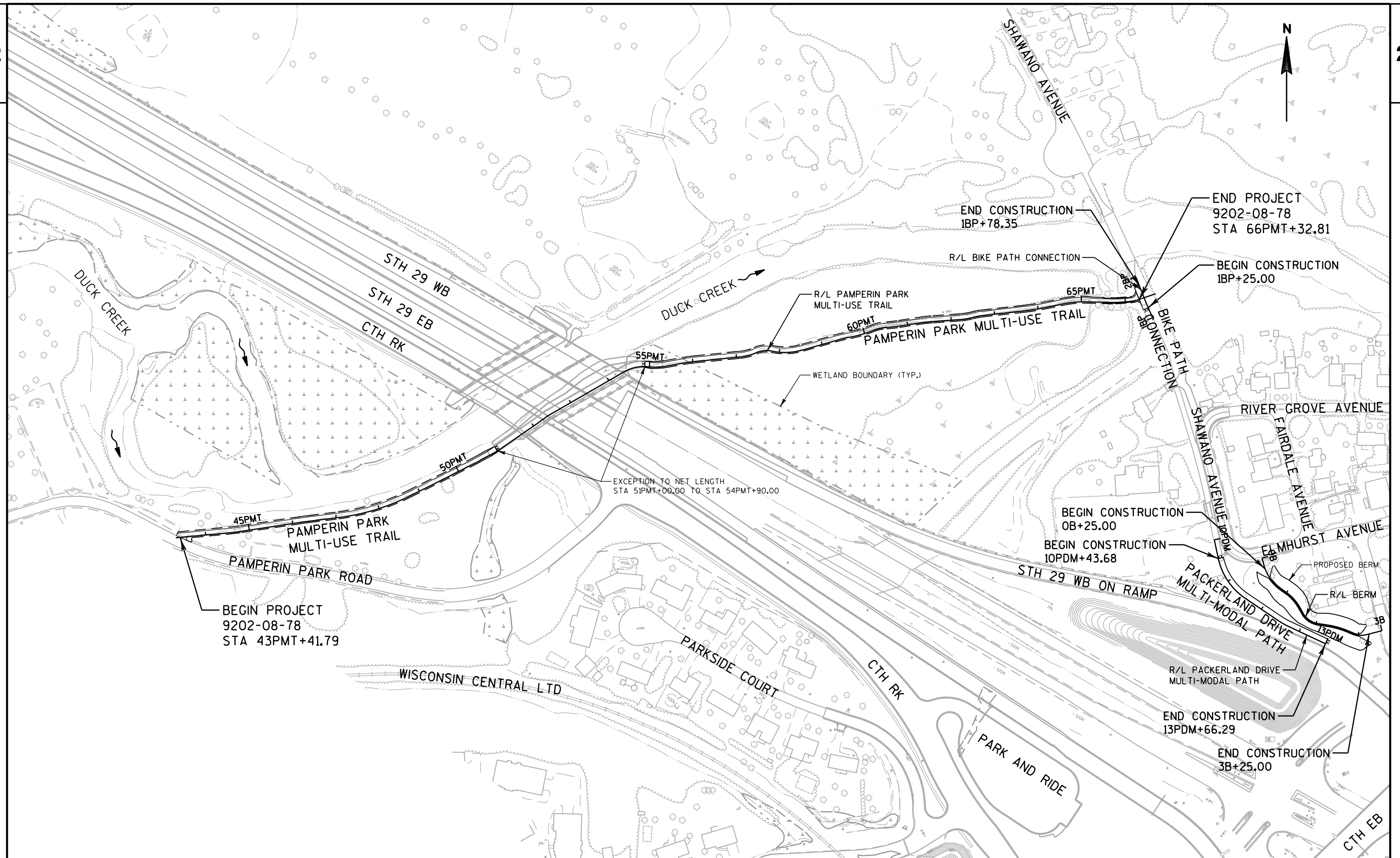
COUNTY SURVEYOR OR
SURVEYS CONTACT PERSON

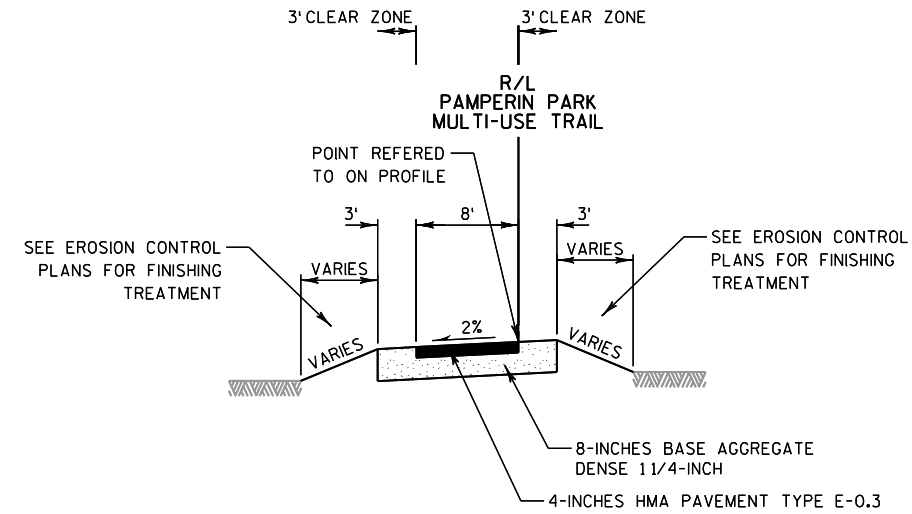
PAT FORD
BROWN COUNTY
305 EAST WALNUT ST.
GREEN BAY, WI 54301
(920) 448-4493
ford_pj@co.brown.wi.us

ALIGNMENT IDENTIFIERS	
B	BERM
BP	BIKE PATH CONNECTION
PDM	PACKERLAND DRIVE MULTI-MODAL PATH
PMT	PAMPERIN PARK MULTI-USE TRAIL

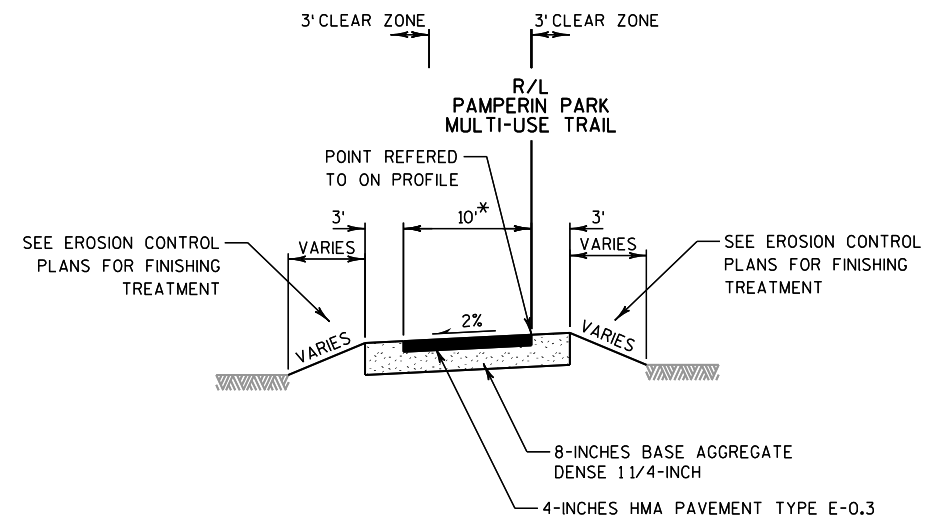
ABBREVIATIONS

- AEW APRON END WALL
- AGG AGGREGATE
- BAD BASE AGGREGATE DENSE
- BM BENCH MARK
- C&G CURB AND GUTTER
- C/L CENTER OR CONSTRUCTION LINE
- CMCP CULVERT PIPE CORRUGATED METAL
- CONC CONCRETE
- CP CULVERT PIPE
- CPRC CULVERT PIPE REINFORCED CONCRETE
- CSD CONCRETE SURFACE DRAIN
- CWT HUNDRED WEIGHT
- CY CUBIC-YARD
- D DEGREE OF CURVE
- Δ DELTA
- DISCH DISCHARGE
- FE FIELD ENTRANCE
- GAL GALLON
- HMA HOT MIX ASPHALT
- ID INCH DIAMETER
- INL INLET
- INV INVERT
- L LENGTH OF CURVE
- LB POUND
- LF LINEAR FOOT
- LT LEFT
- MGAL THOUSAND GALLON UNIT
- MH MANHOLE
- MIN MINIMUM
- M/L MATCHLINE
- NB NORTHBOUND
- NC NORMAL CROWN
- PAVT PAVEMENT
- PC POINT OF CURVE
- PCC POINT OF COMPOUND CURVE
- PE PRIVATE ENTRANCE
- PI POINT OF INTERSECTION
- PLE PERMANENT LIMITED EASEMENT
- PT POINT OF TANGENT
- R RADIUS OF CURVE
- R/L REFERENCE LINE
- R/W RIGHT-OF-WAY
- RC REVERSE CROWN
- RCAEW APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
- REQD REQUIRED
- RHF RIGHT HAND FORWARD
- RO RUN-OFF LENGTH
- RRSP RAILROAD SPIKE
- RT RIGHT
- SALV SALVAGED
- SAPBC SALVAGED ASPHALTIC PAVEMENT BASE COARSE
- SB SOUTHBOUND
- SDD STANDARD DETAIL DRAWINGS
- SE SUPER ELEVATION
- SF SQUARE FOOT
- SSPRC STORM SEWER PIPE REINFORCED CONCRETE
- STA STATION
- SY SQUARE YARD
- T TANGENT LENGTH
- TLE TEMPORARY LIMITED EASEMENT
- VCL VERTICAL CURVE LENGTH
- VPC POINT OF VERTICAL CURVE
- VPI POINT OF VERTICAL INTERSECTION
- VPT POINT OF VERTICAL TANGENT





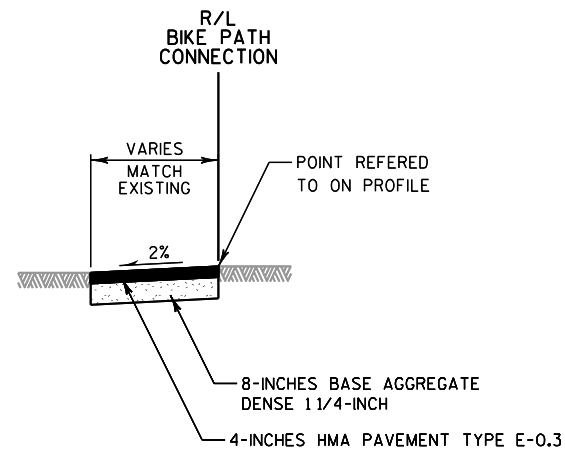
TYPICAL FINISHED SECTION
PAMPERIN PARK MULTI-USE TRAIL
STA 65PMT+27.67 TO STA 66PMT+32.81



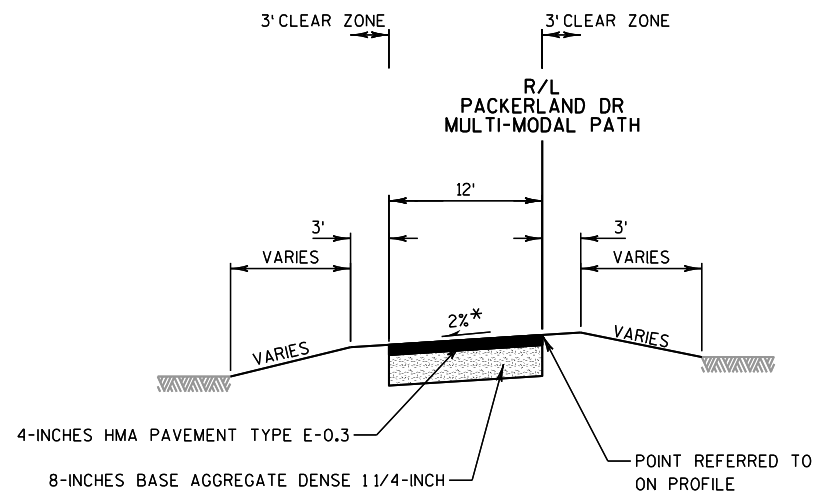
TYPICAL FINISHED SECTION
PAMPERIN PARK MULTI-USE TRAIL
STA 43PMT+41.79 TO STA 51PMT+00.00
STA 54PMT+90.00 TO STA 65PMT+27.67

* PATH TRANSITIONS FROM 10 FT TO 8 FT AT STA 65PMT+07.77 TO STA 65PMT+27.67
ADJUST PROPOSED 1.5:1 SLOPES TO MEET EXISTING CULVERT ENDWALL AT STA 65PMT+70.32

PAVEMENT TYPE	TOTAL LAYER PAVEMENT THICKNESS	LAYERS	NORMAL MAXIMUM SIZE GRADATION	ASPHALTIC MATERIAL
E-0.3	4"	1 3/4" UPPER LAYER 2 1/4" LOWER LAYER	12.5MM 19.0 MM	PG-58-28



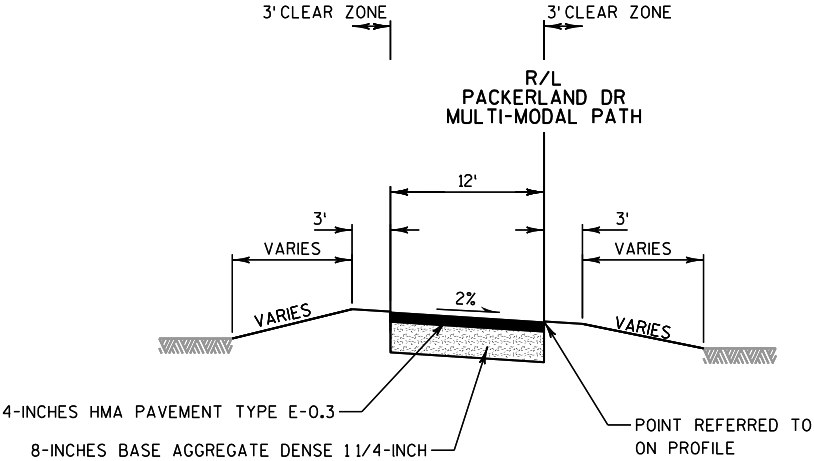
TYPICAL FINISHED SECTION
BIKE PATH CONNECTION
STA 1BP+25.00 TO STA 1BP+78.35



* SLOPE TRANSITIONS FROM 2% TO -2% AT STA 12PDM+29.00 TO STA 12PDM+49.00

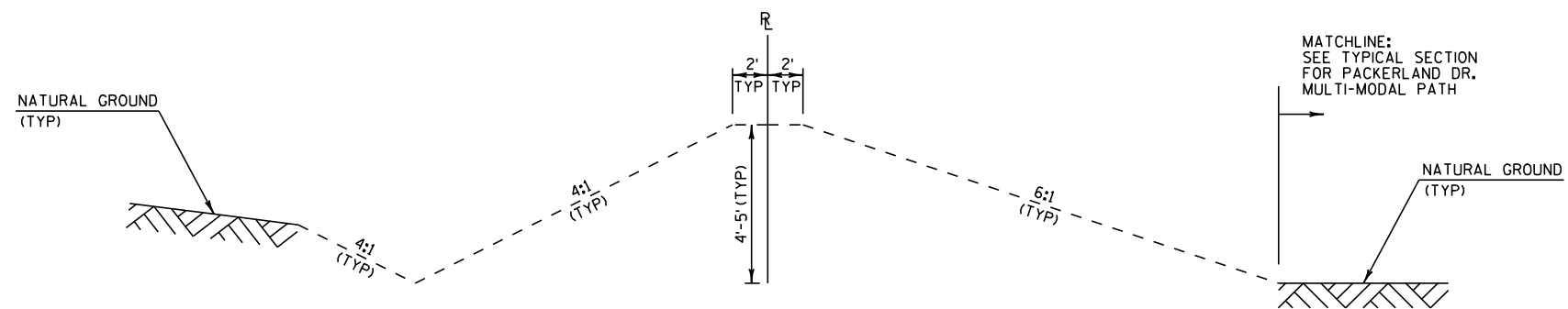
TYPICAL SECTION
PACKERLAND DRIVE MULTI-MODAL PATH
STA 10PDM+43.68 TO STA 12PDM+29.00

PAVEMENT TYPE	TOTAL LAYER PAVEMENT THICKNESS	LAYERS	NORMAL MAXIMUM SIZE GRADATION	ASPHALTIC MATERIAL
E-0.3	4"	1 3/4" UPPER LAYER 2 1/4" LOWER LAYER	12.5MM 19.0 MM	PG-58-28



TYPICAL SECTION
PACKERLAND DRIVE MULTI-MODAL PATH
STA 12PDM+49.00 TO STA 13PDM+66.29

PA VEMENT TYPE	TOTAL LAYER PA VEMENT THICKNESS	LAYERS	NORMAL MA XIMUM SIZE GRA DA TION	ASPHALTIC MA TERIAL
E-0.3	4"	1 3/4" UPPER LAYER 2 1/4" LOWER LAYER	12.5MM 19.0 MM	PG-58-28

TYPICAL FINISHED CROSS SECTION FOR BERM

STA 0B+25.00 TO STA 3B+25.00

NOTES

- 1.) PROVIDE 4-INCHES SALVAGED TOPSOIL, FINE FESCUE SEED, AND MULCHING FOR ALL DISTURBED AREAS WITHIN SLOPE INTERCEPTS AND MATCHLINE.
- 2.) PROVIDE 24-INCHES TOPSOIL SPECIAL IN PLANTING BED AREAS PER LOCATION ON PLAN
- 3.) SEE LANDSCAPING SHEETS FOR PLANTING BED LOCATIONS

GENERAL NOTES

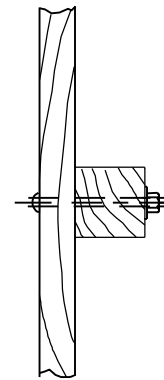
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE STANDARD SPECIFICATIONS. ALL POST AND RAIL DIMENSIONS ARE NOMINAL DIMENSIONS.

TIMBER POSTS AND RAILS

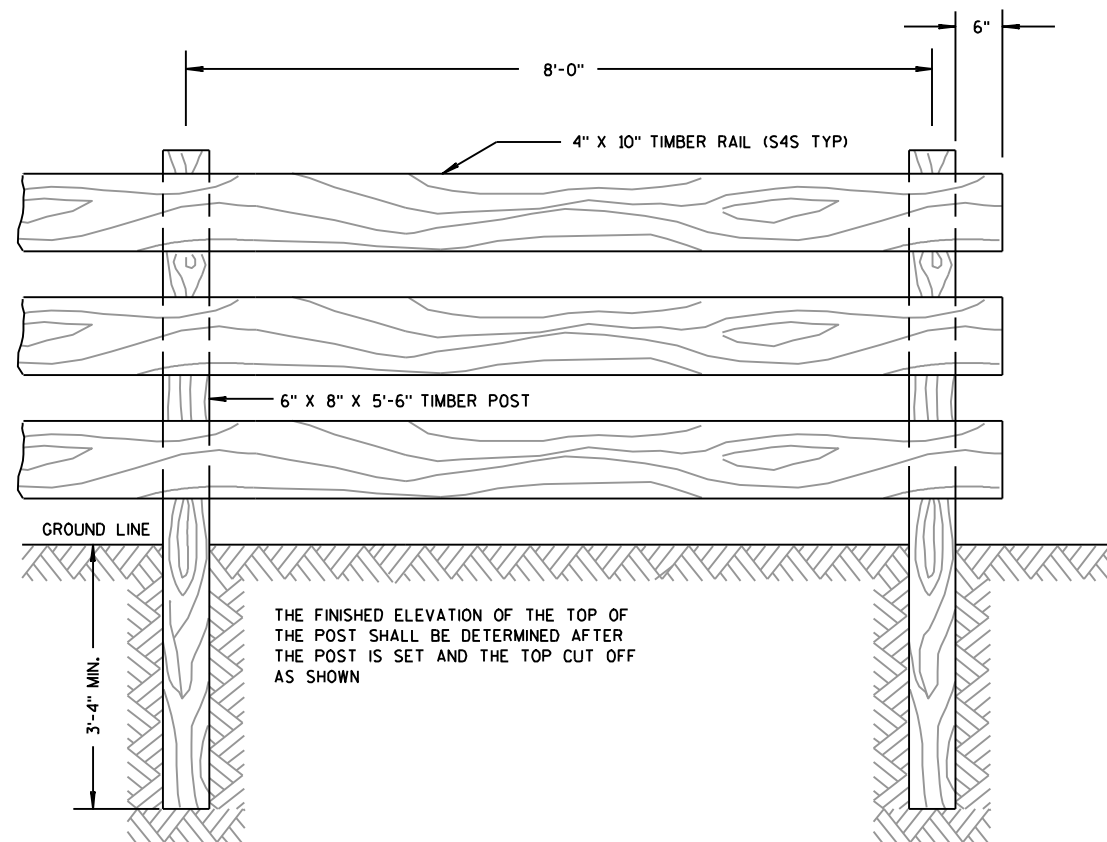
THE GALVANIZING OR CADMIUM PLATING OF HARDWARE WILL NOT BE REQUIRED.

POSTS WHEN UNTREATED SHALL BE PAINTED WITH TWO COATS OF BROWN WOOD STAIN CONFORMING TO THE REQUIREMENTS OF THE APPLICABLE STANDARD SPECIFICATIONS. TOPS OF POSTS, IF TREATED, SHALL BE PAINTED WITH TWO COATS OF CREOSOTE AFTER ERECTION. IF UNTREATED POSTS ARE USED, PAINT TOPS WITH TWO COATS OF PRESERVATIVE WOOD STAIN AFTER ERECTION.

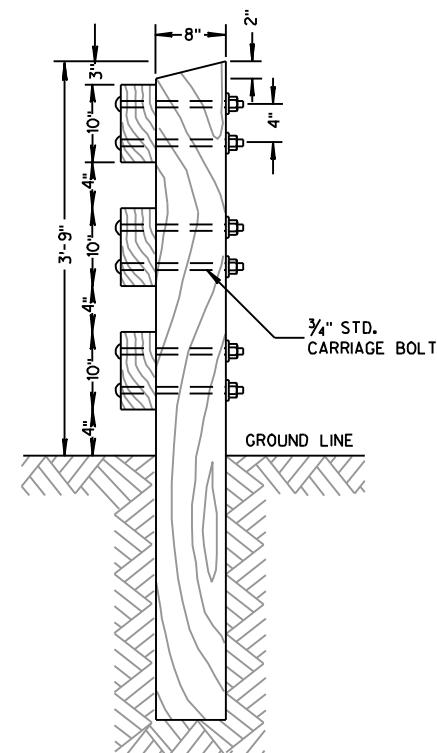
SEE PLAN DETAILS FOR FENCE OFFSETS AND STATION RANGE



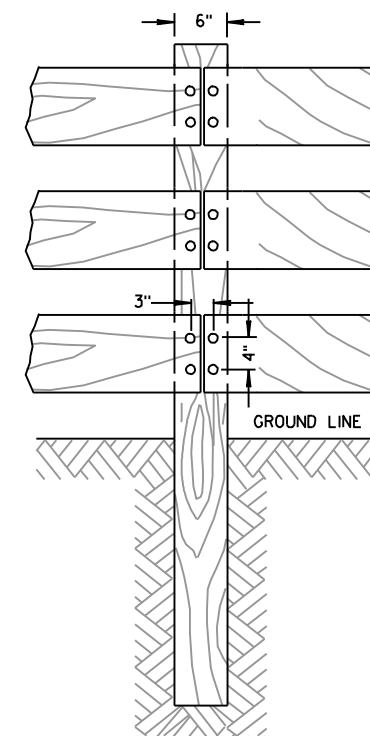
TOP VIEW



FRONT VIEW

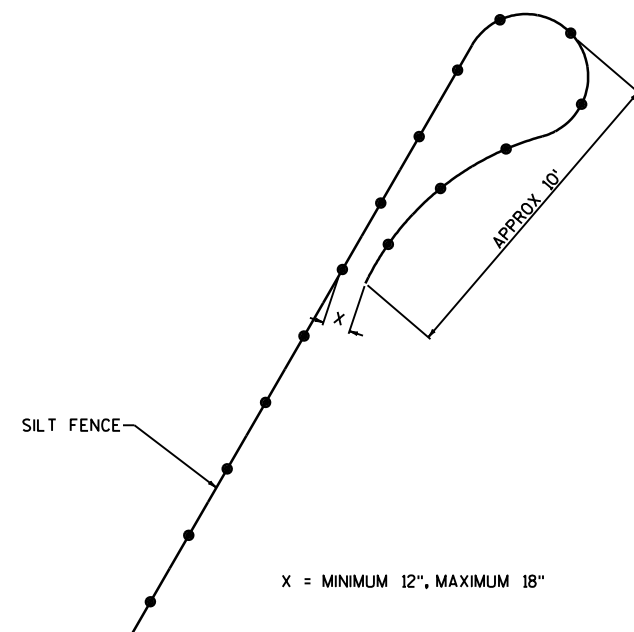


SIDE VIEW

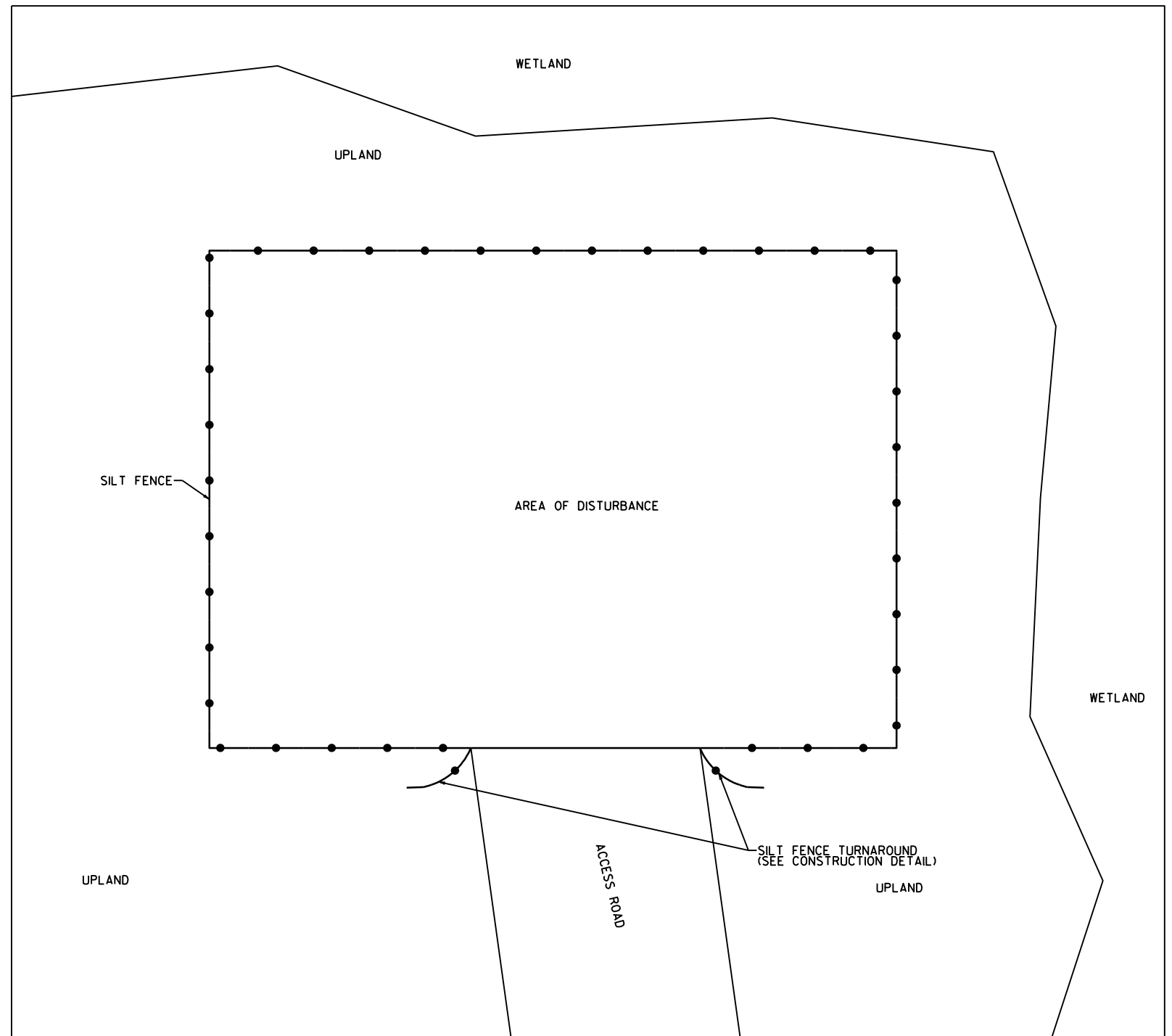


SPLICE POST

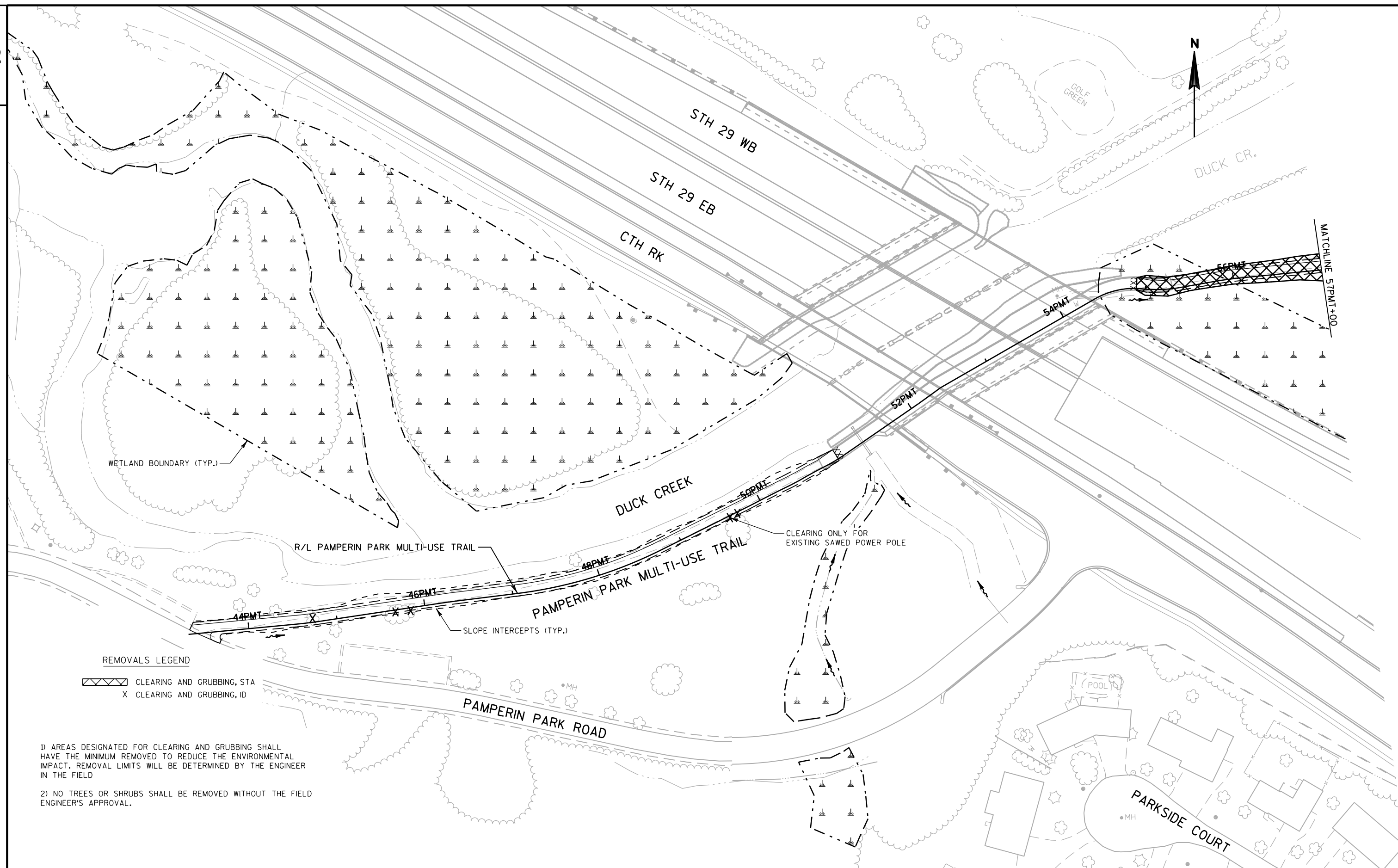
TIMBER RAIL GUARD FENCE SPECIAL



SILT FENCE TURNAROUND DETAIL



WORKZONE SILT FENCE SITE LAYOUT

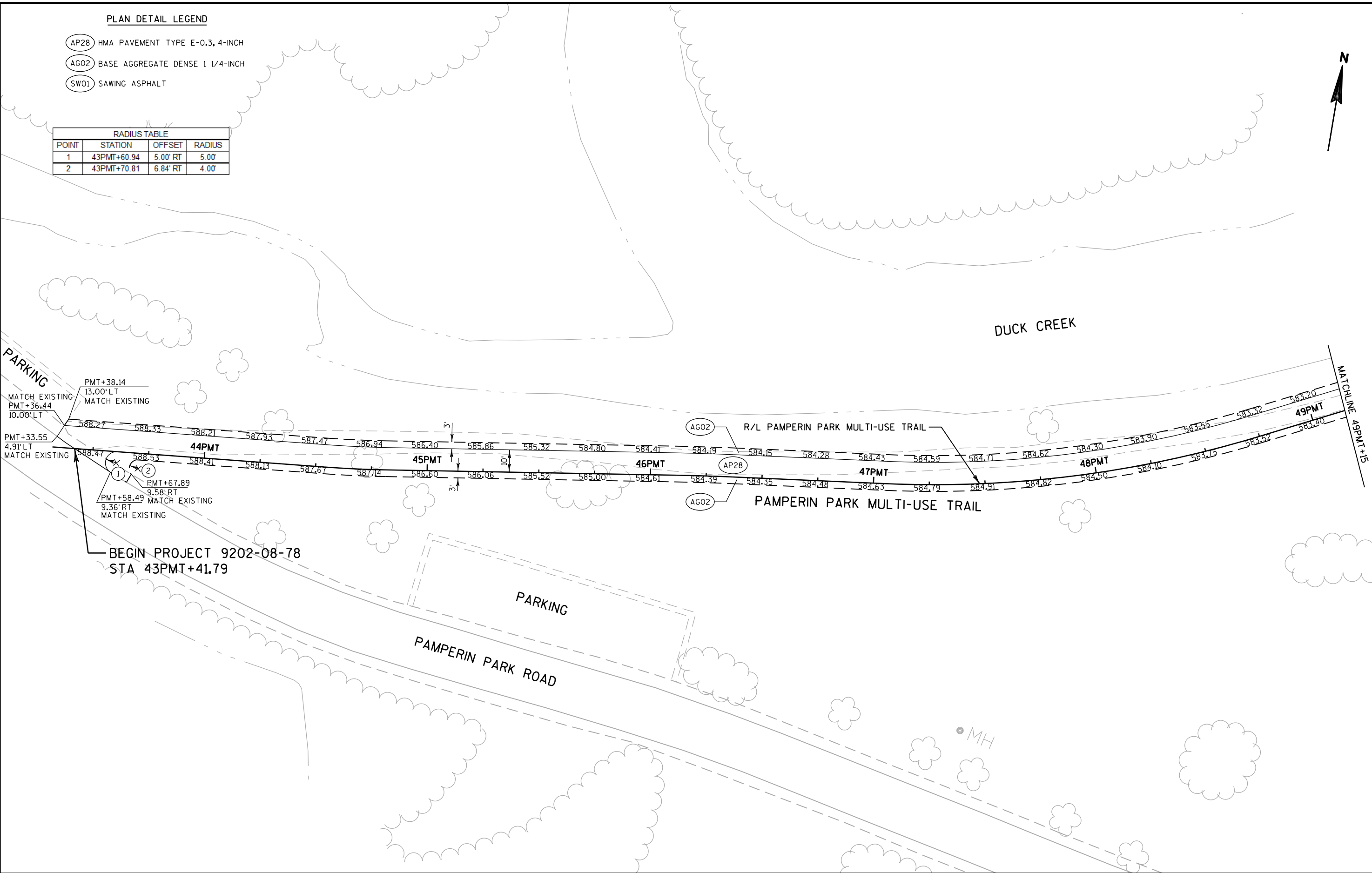




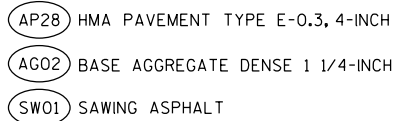
PLAN DETAIL LEGEND

- AP28 HMA PAVEMENT TYPE E-0.3, 4-INCH
- AG02 BASE AGGREGATE DENSE 1 1/4-INCH
- SW01 SAWING ASPHALT

RADIUS TABLE			
POINT	STATION	OFFSET	RADIUS
1	43PMT+60.94	5.00' RT	5.00'
2	43PMT+70.81	6.84' RT	4.00'



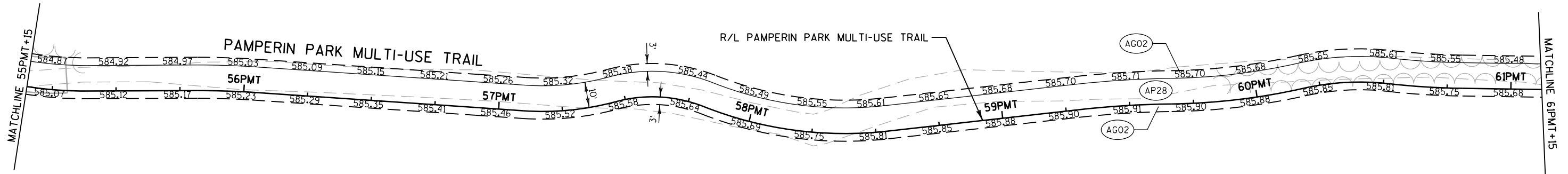
2



DUCK CREEK CR.

PLAN DETAIL LEGEND

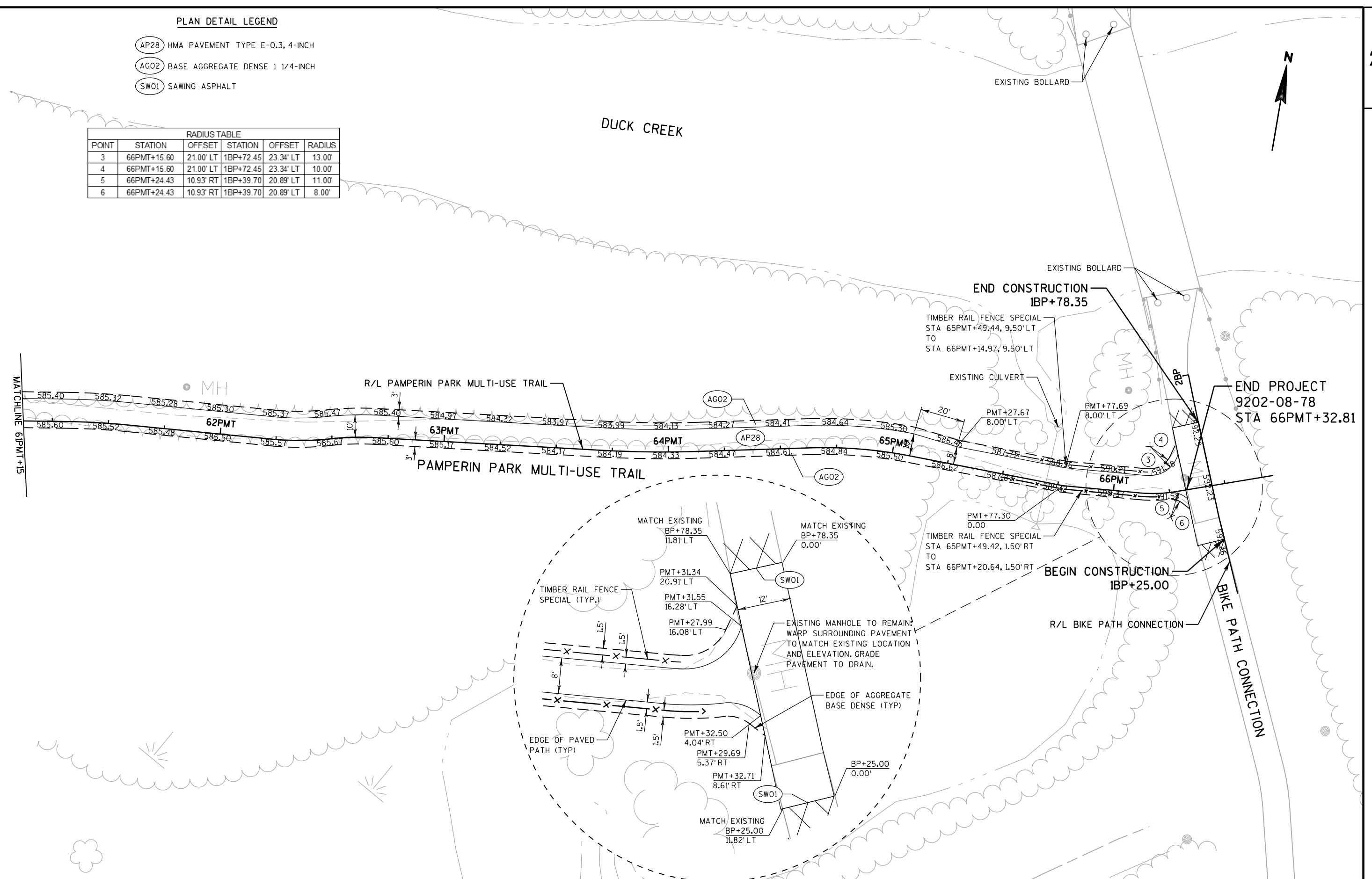
- AP28 HMA PAVEMENT TYPE E-0.3, 4-INCH
- AG02 BASE AGGREGATE DENSE 1 1/4-INCH
- SW01 SAWING ASPHALT



PLAN DETAIL LEGEND

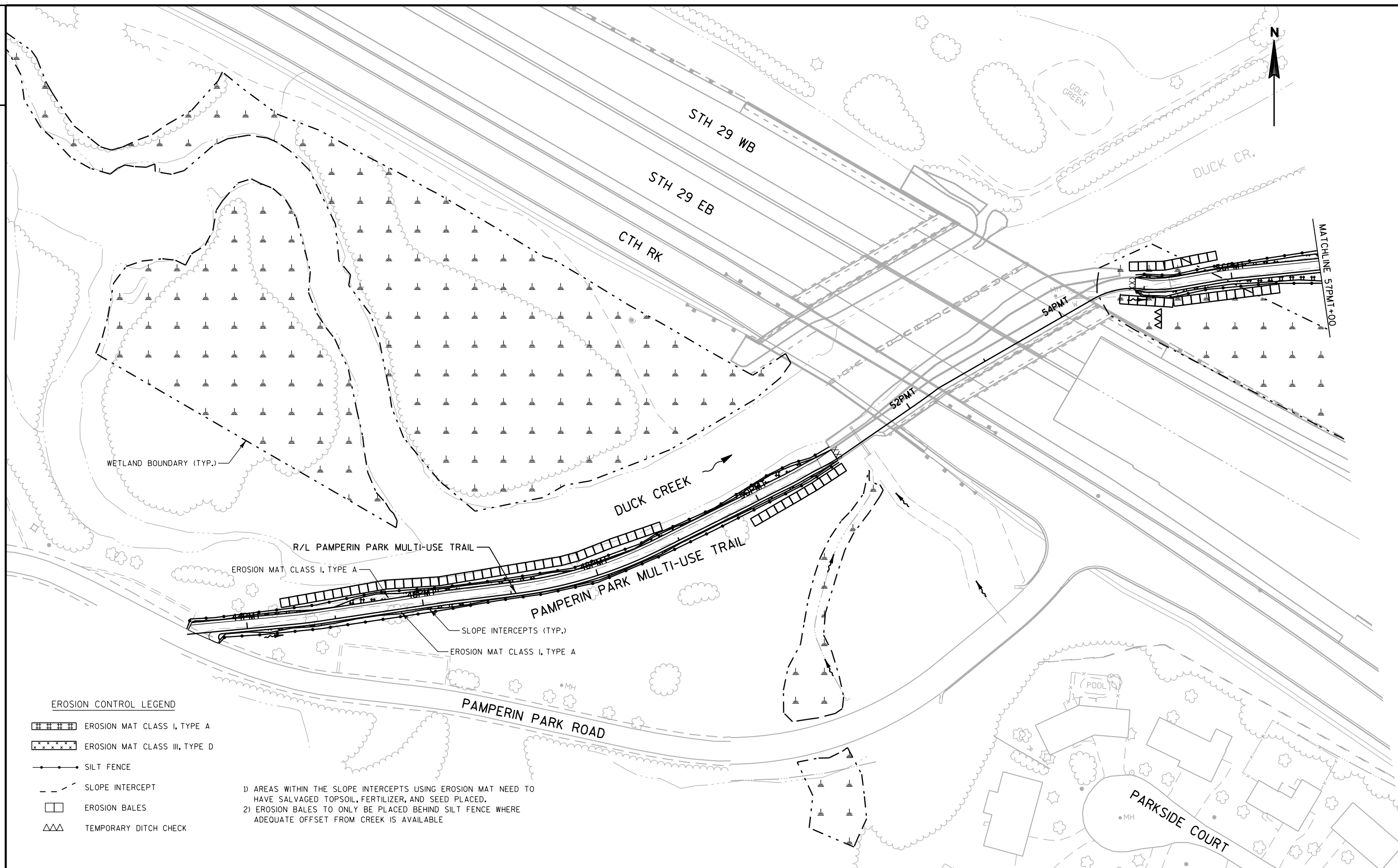
- AP28 HMA PAVEMENT TYPE E-0.3, 4-INCH
 AG02 BASE AGGREGATE DENSE 1 1/4-INCH
 SW01 SAWING ASPHALT

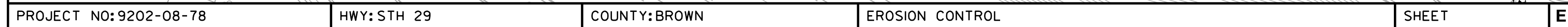
RADIUS TABLE					
POINT	STATION	OFFSET	STATION	OFFSET	RADIUS
3	66PMT+15.60	21.00' LT	1BP+72.45	23.34' LT	13.00'
4	66PMT+15.60	21.00' LT	1BP+72.45	23.34' LT	10.00'
5	66PMT+24.43	10.93' RT	1BP+39.70	20.89' LT	11.00'
6	66PMT+24.43	10.93' RT	1BP+39.70	20.89' LT	8.00'



2







PLAN SHEET PRODUCED BY:
WISDOT - NE REGION

N

SCALE, FEET 0 20 40

BEGIN CONSTRUCTION
BERM
STA 0B+25.00

CONSTRUCTION LIMITS FOR DETERMINING
PROJECT RESTORATION QUANTITIES

SILT FENCE

END CONSTRUCTION
BERM
STA 3B+25.00

MATCHLINE
PACKERLAND DR. MULTI-MODAL PATH
(SEE CONSTRUCTION DETAILS AND CROSS
SECTIONS FOR PATH DETAILS)

PLANTING BED

R/L BERM

WIS 29 WB ON RAMP

NOTES

PLACE 4-INCHES SALVAGED TOPSOIL IN ALL GRADED AREAS AS DESIGNATED BY THE ENGINEER IMMEDIATELY AFTER GRADING HAS BEEN COMPLETED, PROVIDE FINE FESCUE SEED AND MULCHING FOR ALL DISTURBED AREAS 5 DAYS AFTER PLACEMENT OF SALVAGED TOPSOIL.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESHAPING AND RESTORING (SEED, MULCH, AND FERTILIZER) DISTURBED AREAS AT THE DIRECTION OF THE ENGINEER. CONSTRUCTION LIMITS AS SHOWN ON THE PLANS WERE USED TO CALCULATE PROJECT RESTORATION QUANTITIES FOR AREAS OUTSIDE OF THE SLOPE INTERCEPTS. DO NOT USE FERTILIZER FOR FINE FESCUE SEED AREAS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESHAPING AND RESTORING (SEED, MULCH, AND FERTILIZER) ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY ANY OPERATION OUTSIDE OF THE CONSTRUCTION LIMITS AT THE CONTRACTORS EXPENSE. DO NOT USE FERTILIZER FOR FINE FESCUE SEED AREAS.

THE CONTRACTOR SHALL PROVIDE 24 INCHES TOPSOIL SPECIAL IN PLANTING BED AREAS AS SHOWN ON THE PLANS.

EROSION CONTROL LEGEND

- MATCH LINE
- SILT FENCE
- PLANTING BED
- - - - - CONSTRUCTION LIMITS FOR DETERMINING PROJECT RESTORATION QUANTITIES
- △△△ TEMPORARY DITCH CHECK
- - - - - SLOPE INTERCEPTS
- FLOW ARROW

PROJECT NO: 9202-08-78

HWY: STH 29

COUNTY: BROWN

EROSION CONTROL: BERM

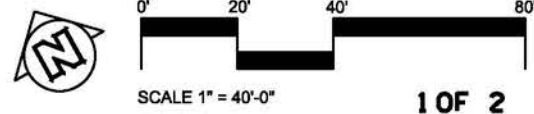
SHEET

E

LOCATION: PAMPERIN PARK
TRAIL AT FAIRDALE AVE.,
STA 0B+00 TO 3B+50

PLANT KEY

SYM	COMMON NAME
FW	Fir, White
JM	Juniper, 'Mountbatten'
PLV	Pine, Limber 'Vanderwolf's Pyramid'
PW	Pine, White
SH8	Spruce, Black Hills
SB	Spruce, Blue Colorado
VB	Viburnum, Blackhaw 'Forest Rouge' (Shrub Form Tree)



LEGEND

- (abc) — PLANT SYMBOL
- (xx) — QUANTITY
- (XXX) STATIONING POINT
- (•) DECIDUOUS PLANT MATERIAL LOCATION
- (+•) EVERGREEN PLANT MATERIAL LOCATION
- 1 SHOVEL CUT EDGE
- 2 SHREDDED HARDWOOD BARK MULCH BED

NOTES

CONTRACTOR WILL BE FULLY RESPONSIBLE FOR REPAIRING ANY AND ALL AREAS IN INFIELDS, OUTFIELDS, AND RIGHT-OF-WAYS DISTURBED BY PLANTING OPERATIONS WITH WISDOT APPROVED SEED MIX AND APPROPRIATE EROSION CONTROL MATERIAL AND/OR MULCH ACCORDING TO SECTION 630 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURES CONSTRUCTION. CURRENT EDITION AND THE EROSION CONTROL TEMPORARY AND PERMANENT PLANS INCLUDED IN THIS CONTRACT.

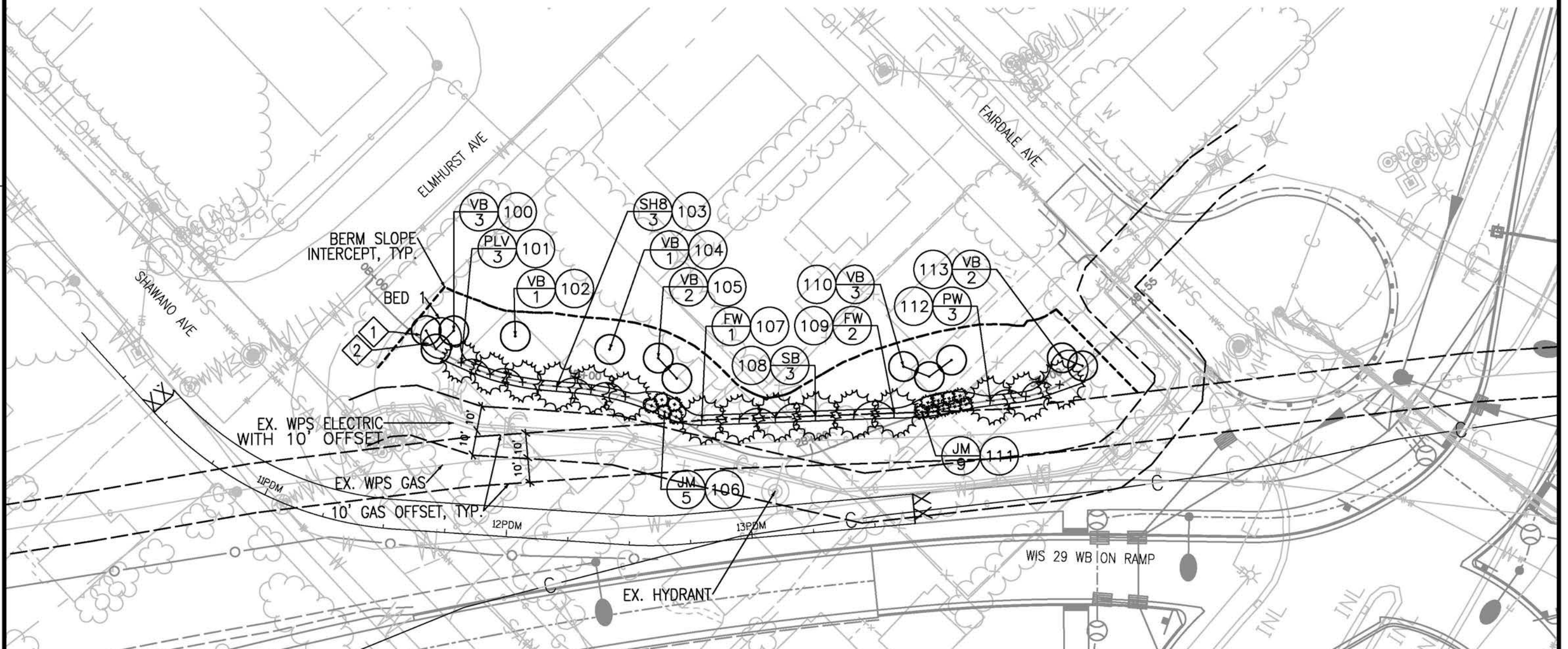
THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING AND PROPOSED UTILITIES AND SHALL ADJUST PLANT LOCATIONS AS NECESSARY TO AVOID CONFLICTS AND ACCOMMODATE UTILITY REQUIREMENTS.

CONTRACTOR SHALL VERIFY THAT A MINIMUM OF 24-INCHES OF TOPSOIL SPECIAL HAS BEEN PROVIDED FOR TREES PLANTED IN PLANTING BEDS.

SEE EROSION CONTROL PLANS FOR LOCATION AND EXTENTS OF SEED/SOD.

RE-MULCHING AND MULTIPLE SHOVEL EDGE CUTS ARE EXPECTED TO BE PERFORMED IMMEDIATELY PRIOR TO END OF TWO-YEAR PROVING PERIOD. WORK IS INCIDENTAL TO LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES BID ITEM. ADDITIONAL PAYMENT FOR RE-MULCHING AND MULTIPLE EDGE CUTS WILL NOT BE GRANTED.

PLANS PREPARED BY KEN SAIKI DESIGN,
MADISON, WI (608) 251-3600



LOCATION: PAMPERIN PARK TRAIL AT FAIRDALE AVE., STA 0B+00 TO 3B+50

PLANT DATA TABLE

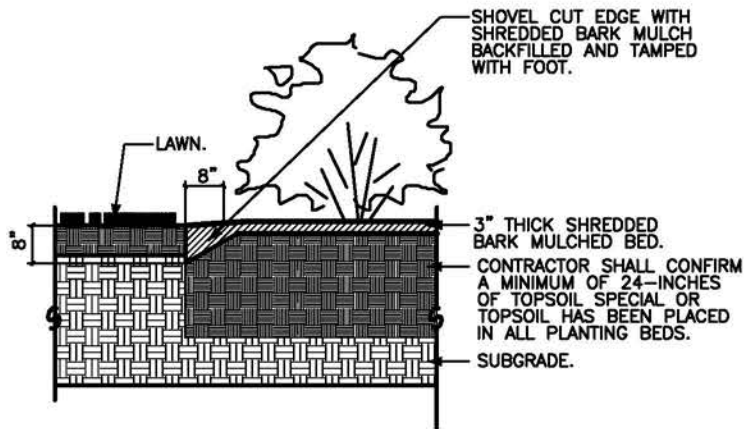
Symbol	Common Name	Scientific Name	Type	Average Mature Height	Size When Planted	Root Zone Mode	Minimum Size					Brace Or Guy	Fertilizer Units Required	Rodent Protection Required	Mulch Ring Required	Plant Bed Detail
							Ball/Pot		Root	Plant Hole						
							Diameter	Depth	Spread	Diameter	Depth					
	Deciduous Ornamental Trees															
VB	Viburnum, Blackhaw 'Forest Rouge' (Shrub Form Tree)	Viburnum prunifolium 'McKRouge' (Shrub Form Tree)	4T	12-15' Ht.	6' Ht.	B&B	24"	14"	-----	48"	14"	See SPV	4	No	60"	N/A
	Evergreens															
FW	Fir, White	Abies concolor	4E	30-50' Ht.	8' Ht.	B&B	27"	16"	-----	51"	16"	See SPV	4	No	BED	BED 1
JM	Juniper, 'Mountbatten'	Juniperus chinensis 'Mountbatten'	5E	12-14' Ht.	5' Ht.	B&B	20"	12"	-----	44"	12"	See SPV	4	No	BED	BED 1
PLV	Pine, Limber 'Vanderwolf's Pyramid'	Pinus flexilis 'Vanderwolf's Pyramid'	4E	20-30' Ht.	7' Ht.	B&B	27"	16"	-----	51"	16"	See SPV	4	No	BED	BED 1
PW	Pine, White	Pinus strobus	4E	50-70' Ht.	8' Ht.	B&B	27"	16"	-----	51"	16"	See SPV	4	No	BED	BED 1
SH8	Spruce, Black Hills	Picea glauca var. densata	4E	40' Ht.	8' Ht.	B&B	27"	16"	-----	51"	16"	See SPV	4	No	BED	BED 1
SB	Spruce, Blue Colorado	Picea pungens f. glauca	4E	40-60' Ht.	8' Ht.	B&B	27"	16"	-----	51"	16"	See SPV	4	No	BED	BED 1

PLANT QUANTITIES TABLE

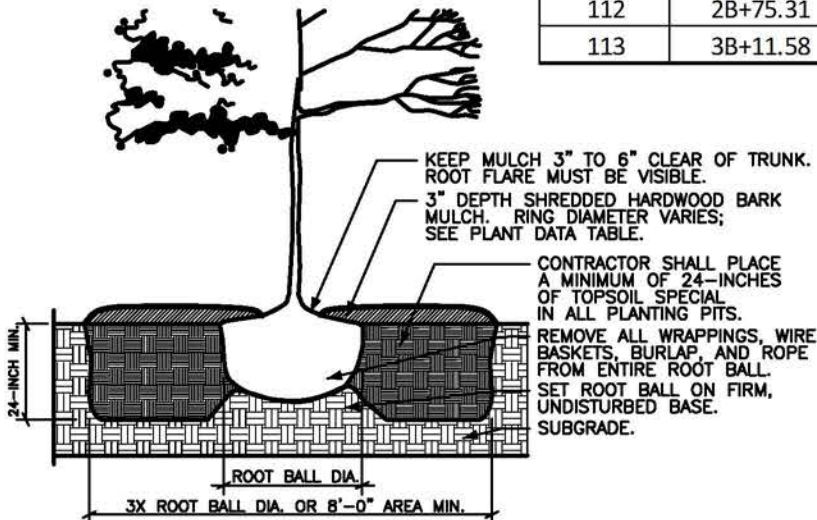
Symbol	Common Name	Scientific Name	Size When Planted	Root Zone Mode		
					Sheet 1	Totals
	Deciduous Ornamental Trees					
VB	Viburnum, Blackhaw 'Forest Rouge' (Shrub Form Tree)	Viburnum prunifolium 'McKRouge' (Shrub Form Tree)	6' Ht.	B&B	12	12
	Evergreens					
FW	Fir, White	Abies concolor	8' Ht.	B&B	3	3
JM	Juniper, 'Mountbatten'	Juniperus chinensis 'Mountbatten'	5' Ht.	B&B	14	14
PLV	Pine, Limber 'Vanderwolf's Pyramid'	Pinus flexilis 'Vanderwolf's Pyramid'	7' Ht.	B&B	3	3
PW	Pine, White	Pinus strobus	8' Ht.	B&B	3	3
SH8	Spruce, Black Hills	Picea glauca var. densata	8' Ht.	B&B	3	3
SB	Spruce, Blue Colorado	Picea pungens f. glauca	8' Ht.	B&B	2	2

PLANT STATIONING

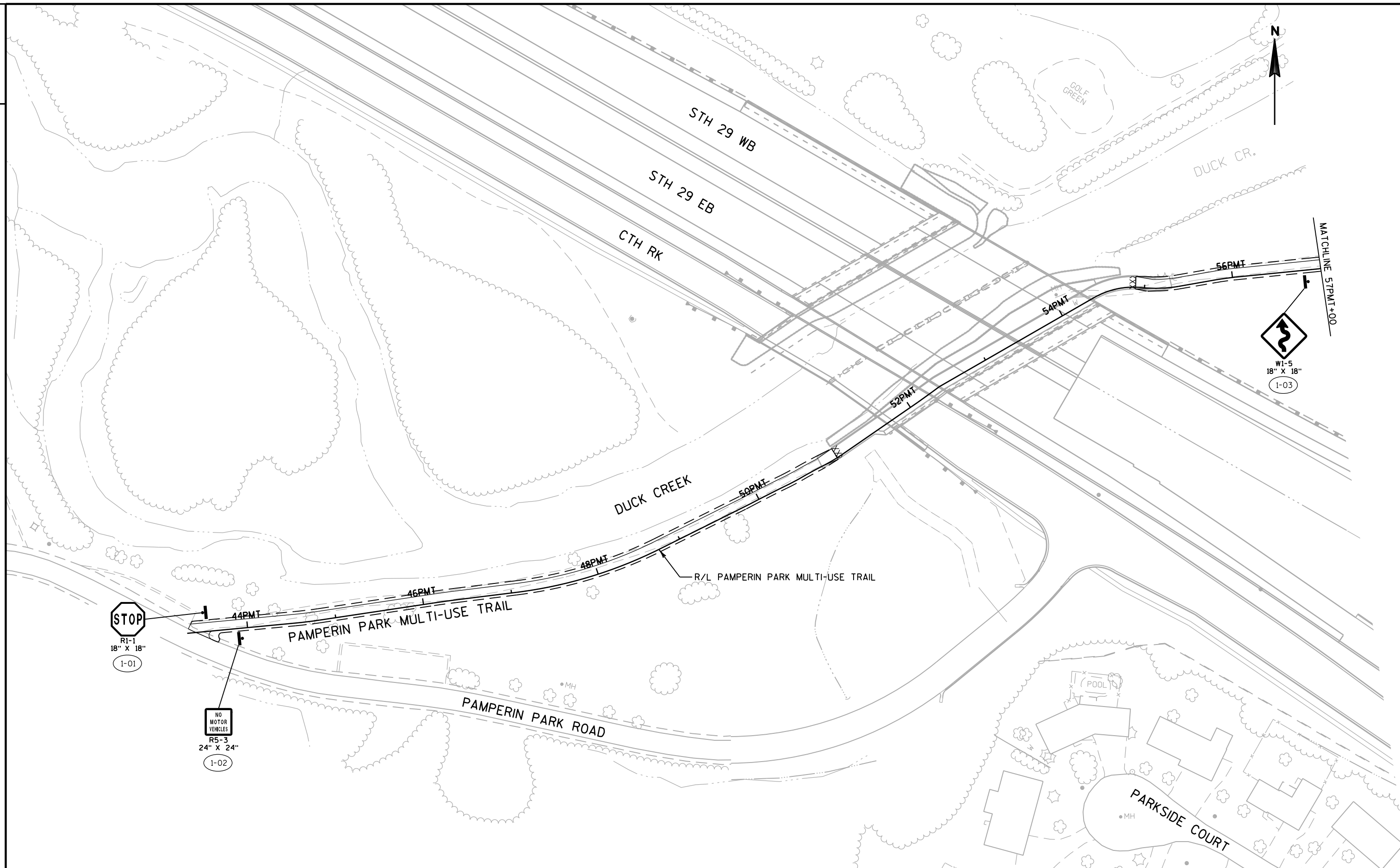
POINT	STATION	OFFSET
100	0B+40.79	-10.07
101	0B+50.00	0.00
102	0B+68.61	-17.65
103	0B+90.18	0.00
104	1B+08.62	-17.32
105	1B+25.53	-19.00
106	1B+35.45	0.20
107	1B+50.15	-4.20
108	2B+06.71	-14.14
109	2B+36.55	-3.82
110	2B+45.22	-20.75
111	2B+47.27	-0.91
112	2B+75.31	0.00
113	3B+11.58	-8.83



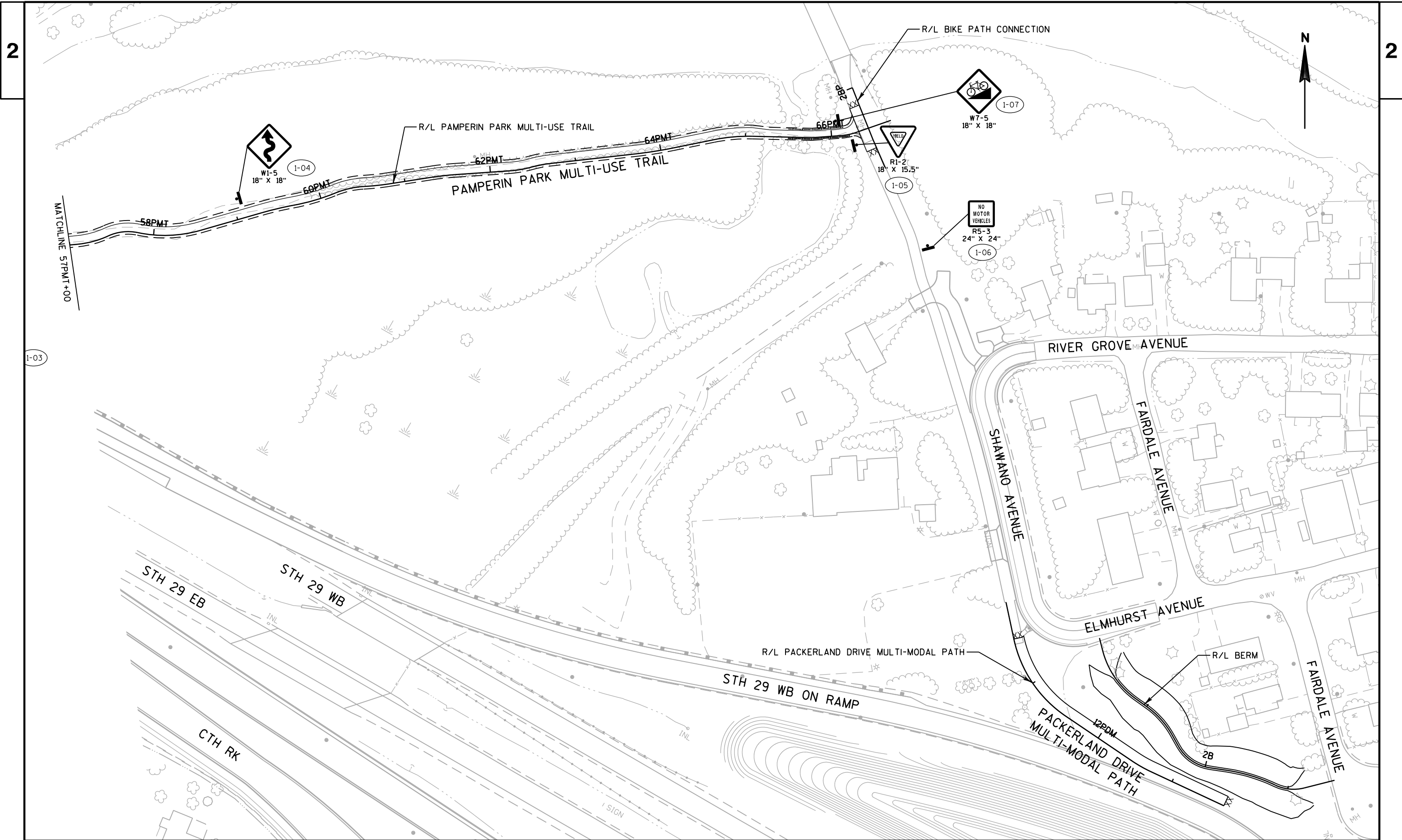
1 SHOVEL CUT EDGE & BED DETAIL
DETAIL
NOT TO SCALE



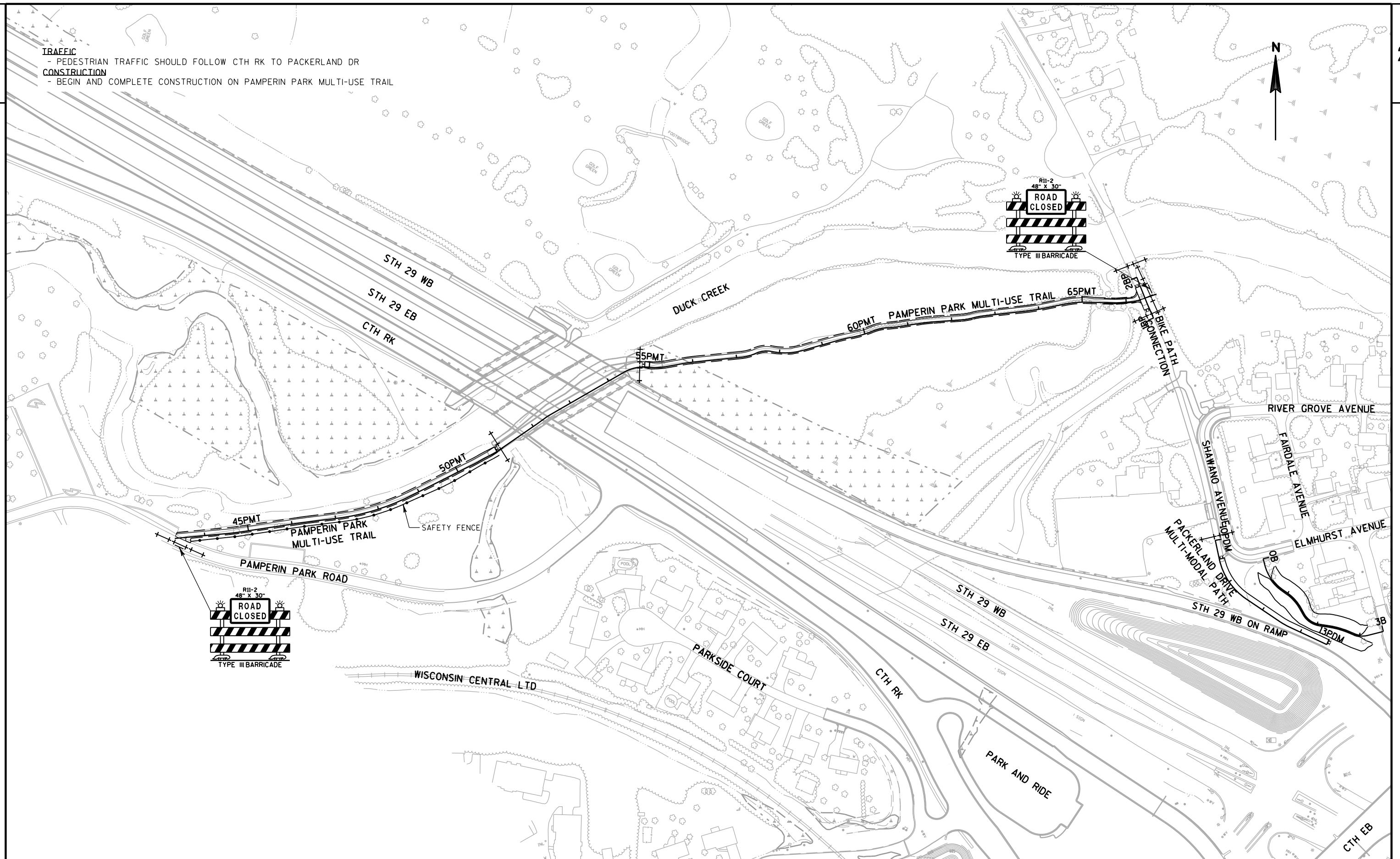
2 NON-BED TREE PLANTING DETAIL
DETAIL
NOT TO SCALE



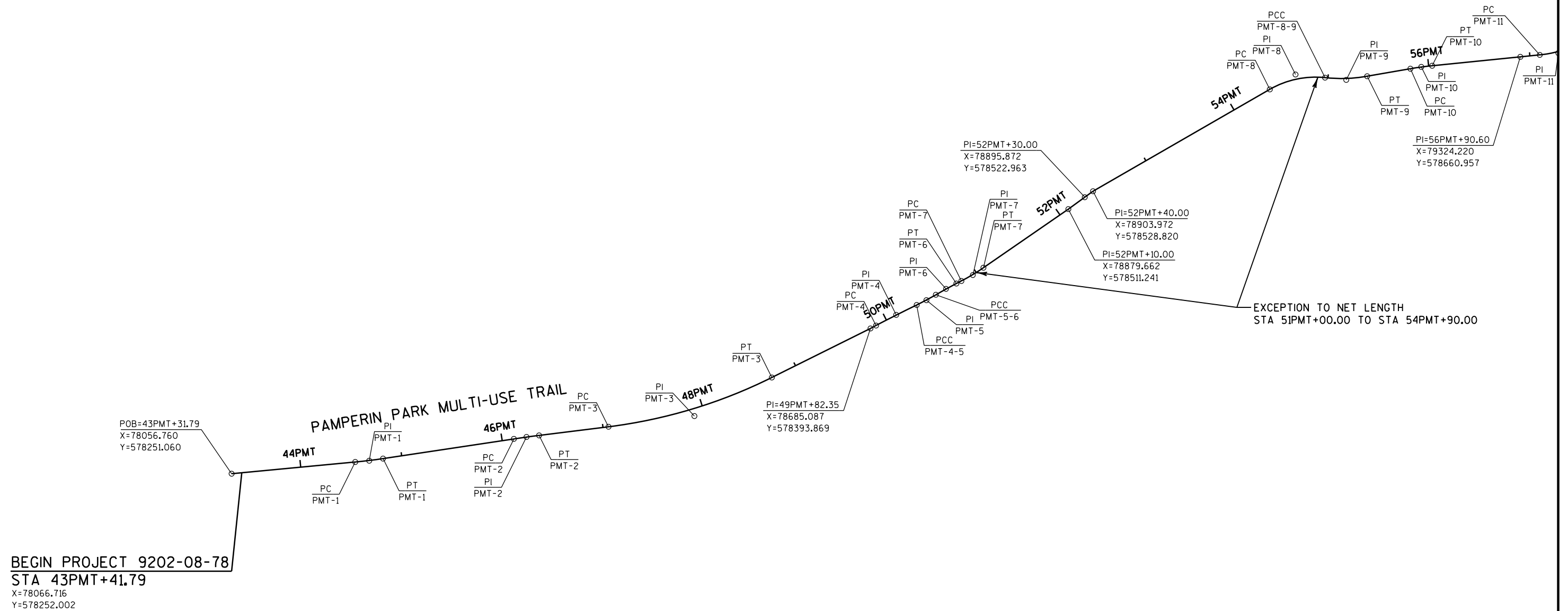
PROJECT NO: 9202-08-78	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET	E
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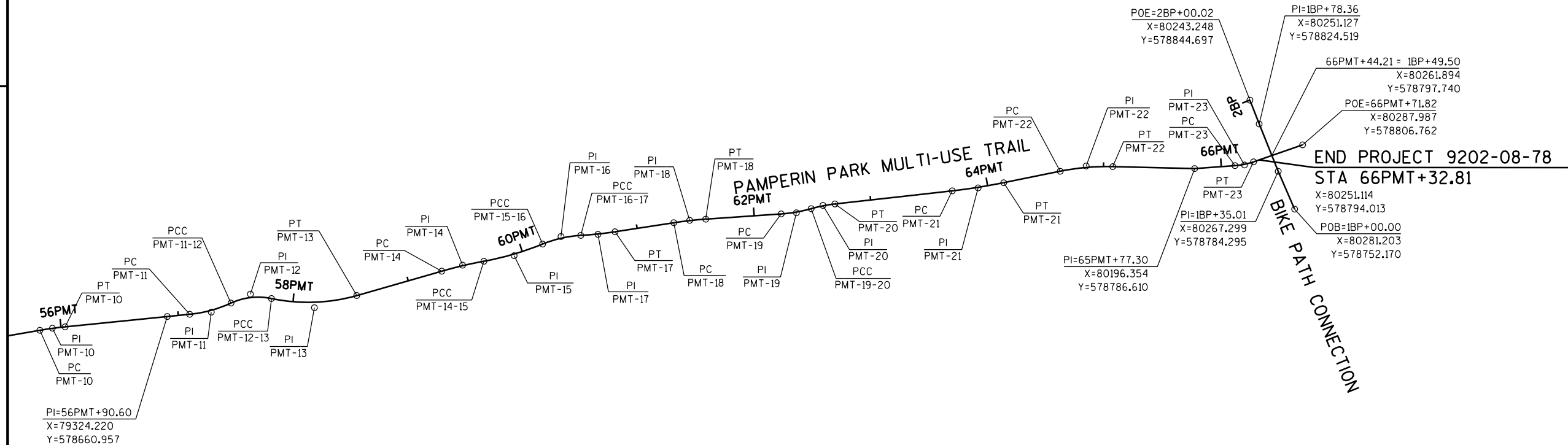


- TRAFFIC**
- PEDESTRIAN TRAFFIC SHOULD FOLLOW CTH RK TO PACKERLAND DR
- CONSTRUCTION**
- BEGIN AND COMPLETE CONSTRUCTION ON PAMPERIN PARK MULTI-USE TRAIL

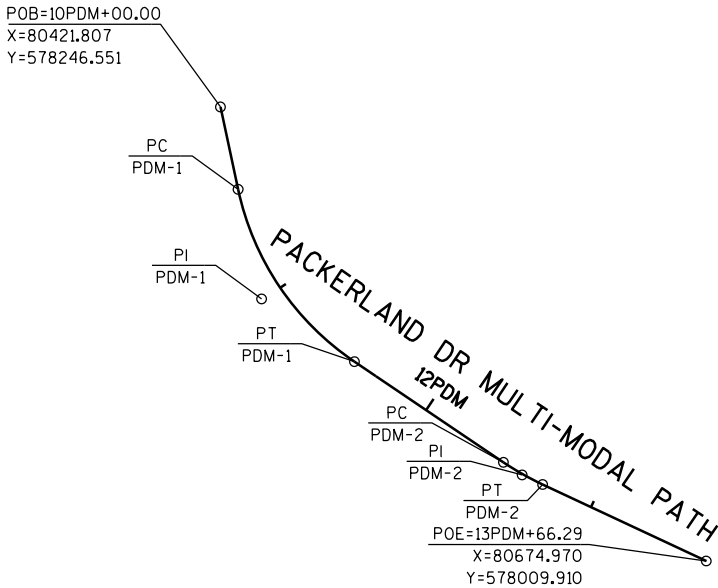


CURVE NO.	CURVE DATA										
	PI	PI COORDINATES		Δ	D	T	L	E	R	PC	PT
		X	Y								
PMT-1	44PMT+67.72	78192.079	578263.862	3°09'10"	11°27'33"	13.76	27.51	0.19	500.00	44PMT+53.96	44PMT+81.47
PMT-2	46PMT+24.13	78346.761	578287.137	1°26'08"	5°43'46"	12.53	25.05	0.08	1000.00	46PMT+11.60	46PMT+36.66
PMT-3	47PMT+90.54	78511.888	578307.768	19°18'41"	11°27'33"	85.07	168.52	7.19	500.00	47PMT+05.47	48PMT+74.00
PMT-4	50PMT+10.94	78710.371	578407.209	1°54'09"	4°14'39"	22.41	44.83	0.19	1350.00	49PMT+88.52	50PMT+33.35
PMT-5	50PMT+44.03	78740.138	578421.672	4°04'39"	19°05'55"	10.68	21.35	0.19	300.00	50PMT+33.35	50PMT+54.70
PMT-6	50PMT+66.20	78759.348	578432.759	2°38'07"	11°27'33"	11.50	23.00	0.13	500.00	50PMT+54.70	50PMT+77.69
PMT-7	50PMT+95.92	78785.752	578446.421	7°15'32"	28°38'52"	12.69	25.34	0.40	200.00	50PMT+83.24	51PMT+08.57
PMT-8	54PMT+69.82	79103.106	578643.562	35°57'22"	63°39'43"	29.20	56.48	4.62	90.00	54PMT+40.62	54PMT+97.10
PMT-9	55PMT+18.01	79152.945	578638.320	15°52'16"	38°11'50"	20.91	41.55	1.45	150.00	54PMT+97.10	55PMT+38.65
PMT-10	55PMT+92.63	79226.730	578651.152	4°07'21"	19°05'55"	10.80	21.59	0.19	300.00	55PMT+81.83	56PMT+03.42





CURVE NO.	CURVE DATA										
	PI	PI COORDINATES		Δ	D	T	L	E	R	PC	PT
PMT-10	55PMT+92.63	79226.730	578551.152	4°07'21"	19°05'55"	10.80	21.59	0.19	300.00	55PMT+81.83	56PMT+03.42
PMT-11	57PMT+28.18	79361.604	578564.717	18°59'09"	52°05'13"	18.39	36.45	1.53	110.00	57PMT+09.78	57PMT+46.23
PMT-12	57PMT+64.46	79394.866	578680.036	36°40'11"	104°10'25"	18.23	35.20	2.94	55.00	57PMT+46.23	57PMT+81.43
PMT-13	58PMT+18.75	79449.211	578668.544	27°56'36"	38°11'50"	37.32	73.16	4.57	150.00	57PMT+81.43	58PMT+54.59
PMT-14	59PMT+48.06	79574.930	578704.599	5°37'09"	15°16'44"	18.40	36.78	0.45	375.00	59PMT+29.65	59PMT+66.43
PMT-15	59PMT+92.55	79618.728	578712.625	11°55'51"	22°55'06"	26.12	52.06	1.36	250.00	59PMT+66.43	60PMT+18.49
PMT-16	60PMT+35.32	79658.462	578728.933	19°06'12"	57°17'45"	16.83	33.34	1.41	100.00	60PMT+18.49	60PMT+51.83
PMT-17	60PMT+66.45	79689.858	578730.694	5°34'46"	19°05'55"	14.62	29.21	0.36	300.00	60PMT+51.83	60PMT+81.04
PMT-18	61PMT+45.18	79767.689	578742.730	4°48'44"	17°37'46"	13.66	27.30	0.29	325.00	61PMT+31.52	61PMT+58.82
PMT-19	62PMT+36.03	79858.335	578749.034	11°51'50"	45°50'12"	12.99	25.88	0.67	125.00	62PMT+23.04	62PMT+48.92
PMT-20	62PMT+59.23	79880.746	578755.393	9°25'42"	45°50'12"	10.31	20.57	0.42	125.00	62PMT+48.92	62PMT+69.49
PMT-21	63PMT+91.87	80012.601	578770.215	5°03'54"	11°27'33"	22.12	44.20	0.49	500.00	63PMT+69.76	64PMT+13.96
PMT-22	64PMT+85.41	80104.301	578788.836	12°51'50"	28°38'52"	22.55	44.90	1.27	200.00	64PMT+62.87	65PMT+07.77
PMT-23	66PMT+19.76	80238.698	578789.720	14°52'21"	92°10'00"	8.11	16.14	0.53	62.17	66PMT+11.65	66PMT+27.78
PDM-1	11PDM+02.31	80443.224	578146.509	43°52'30"	39°30'52"	58.40	111.04	11.32	145.00	10PDM+43.91	11PDM+54.94
PDM-2	12PDM+60.44	80579.030	578054.765	8°59'02"	38°11'50"	11.78	23.52	0.46	150.00	12PDM+48.65	12PDM+72.17



BP: 0B+00.00 EP: 3B+55.46
X = 80530.52 X = 80803.68
Y = 578204.95 Y = 578039.51

CURVE B-1
PC = 0B+14.16
PI = 0B+51.24
X = 80542.96
Y = 578155.24
PT = 0B+85.17
R = 100.00'
DELTA = 40°41'08" LT
D = 57°17'45"
L = 71.01
T = 37.08
E = 6.65

CURVE B-2
PC = 0B+99.80
PI = 1B+22.26
X = 80603.51
Y = 578112.42
PT = 1B+43.99
R = 100.00'
DELTA = 25°19'06" RT
D = 57°17'45"
L = 44.19
T = 22.46
E = 2.49

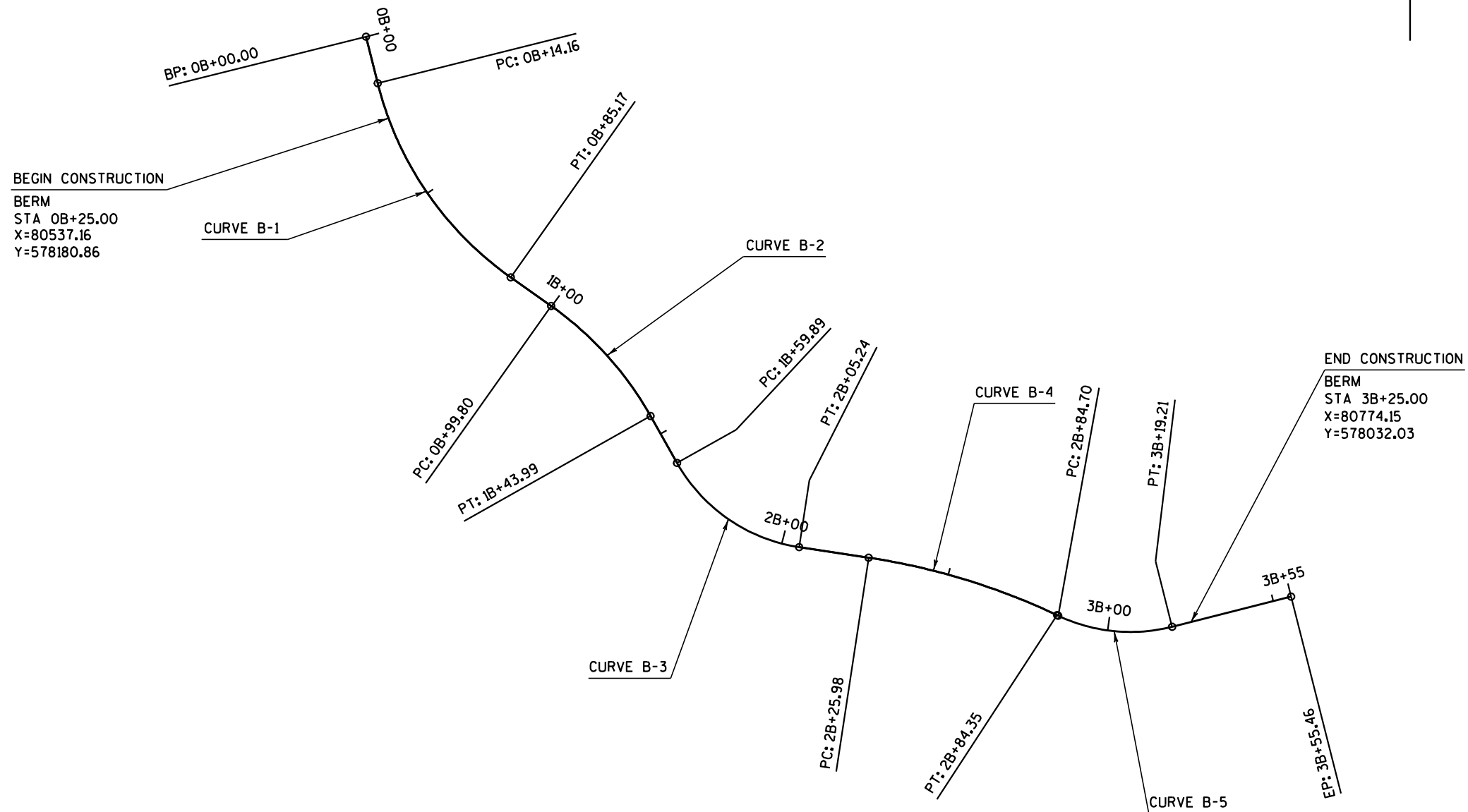
CURVE B-3
PC = 1B+59.89
PI = 1B+84.26
X = 80634.32
Y = 578057.77
PT = 2B+05.24
R = 50.00'
DELTA = 51°58'20" LT
D = 114°35'30"
L = 45.35
T = 24.37
E = 5.62

CURVE B-4
PC = 2B+25.98
PI = 2B+55.37
X = 80707.99
Y = 578046.62
PT = 2B+84.35
R = 200.00'
DELTA = 16°43'21" RT
D = 28°38'52"
L = 58.37
T = 29.40
E = 2.15

CURVE B-5
PC = 2B+84.70
PI = 3B+02.67
X = 80751.12
Y = 578026.20
PT = 3B+19.21
R = 50.00'
DELTA = 39°32'34" LT
D = 114°35'30"
L = 34.51
T = 17.97
E = 3.13

PLAN SHEET PRODUCED BY:
WISDOT - NE REGION

N



DATE 31JAN13		E S T I M A T E O F Q U A N T I T I E S			
LINE					9202-08-78
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	201.0105	CLEARING	STA	12.000	12.000
0020	201.0120	CLEARING	ID	189.000	189.000
0030	201.0205	GRUBBING	STA	12.000	12.000
0040	201.0220	GRUBBING	ID	170.000	170.000
0050	205.0100	EXCAVATION COMMON	CY	866.000	866.000
0060	208.0100	BORROW	CY	1,027.000	1,027.000
0070	213.0100	FINISHING ROADWAY (PROJECT) 01. 9202-08-78	EACH	1.000	1.000
0080	305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	1,997.000	1,997.000
0090	455.0105	ASPHALTIC MATERIAL PG58-28	TON	31.000	31.000
0100	455.0605	TACK COAT	GAL	65.000	65.000
0110	460.1100	HMA PAVEMENT TYPE E-0.3	TON	573.000	573.000
0120	460.2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	370.000	370.000
0130	611.8110	ADJUSTING MANHOLE COVERS	EACH	1.000	1.000
0140	616.0700.S	FENCE SAFETY	LF	737.000	737.000
0150	618.0100	MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) 01.9202-08-78	EACH	1.000	1.000
0160	619.1000	MOBILIZATION	EACH	1.000	1.000
0170	624.0100	WATER	MGAL	125.000	125.000
0180	625.0100	TOPSOIL	SY	2,192.000	2,192.000
0190	625.0500	SALVAGED TOPSOIL	SY	1,981.000	1,981.000
0200	627.0200	MULCHING	SY	2,579.000	2,579.000
0210	628.1104	EROSION BALES	EACH	487.000	487.000
0220	628.1504	SILT FENCE	LF	5,479.000	5,479.000
0230	628.1520	SILT FENCE MAINTENANCE	LF	5,479.000	5,479.000
0240	628.1905	MOBILIZATIONS EROSION CONTROL	EACH	2.000	2.000
0250	628.1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	1.000	1.000
0260	628.1920	CLEANING SEDIMENT BASINS	CY	75.000	75.000
0270	628.2002	EROSION MAT CLASS I TYPE A	SY	1,461.000	1,461.000
0280	628.2039	EROSION MAT CLASS III TYPE D	SY	176.000	176.000
0290	628.7005	INLET PROTECTION TYPE A	EACH	1.000	1.000
0300	628.7010	INLET PROTECTION TYPE B	EACH	1.000	1.000
0310	628.7504	TEMPORARY DITCH CHECKS	LF	51.000	51.000
0320	628.7570	ROCK BAGS	EACH	20.000	20.000
0330	629.0210	FERTILIZER TYPE B	CWT	0.900	0.900
0340	630.0140	SEEDING MIXTURE NO. 40	LB	30.000	30.000
0350	632.0101	TREES (SPECIES, ROOT, SIZE) 01. VIBURNUM, BLACKSHAW 'FOREST ROUGE' (SHRUB FORM TREE), B&B, 6-FOOT HT.	EACH	12.000	12.000
0360	632.0101	TREES (SPECIES, ROOT, SIZE) 02. FIR, WHITE, B&B, 8-FOOT HT.	EACH	3.000	3.000
0370	632.0101	TREES (SPECIES, ROOT, SIZE) 03. JUNIPER, 'MOUNTBATTEN', B&B, 7-FOOT HT.	EACH	14.000	14.000
0380	632.0101	TREES (SPECIES, ROOT, SIZE) 04. PINE, LIMBER, 'VANDERWOLF'S PYRAMID' B&B, 7-FOOT HT.	EACH	3.000	3.000
0390	632.0101	TREES (SPECIES, ROOT, SIZE) 05. PINE, WHITE, B&B, 8-FOOT HT.	EACH	3.000	3.000
0400	632.0101	TREES (SPECIES, ROOT, SIZE) 06. SPRUCE, BLACK HILLS, B&B, 8-FOOT HT.	EACH	3.000	3.000
0410	632.0101	TREES (SPECIES, ROOT, SIZE) 07. SPRUCE, BLUE COLORADO, B&B, 8-FOOT HT.	EACH	3.000	3.000
0420	632.9101	LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES	EACH	26.000	26.000
0430	634.0412	POSTS WOOD 4X4-INCH X 12-FT	EACH	7.000	7.000
0440	637.0202	SIGNS REFLECTIVE TYPE II	SF	19.200	19.200

DATE 31JAN13			E S T I M A T E O F Q U A N T I T I E S			
LINE			9202-08-78			
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY	
0450	643.0100	TRAFFIC CONTROL (PROJECT) 01.9202-08-78	EACH	1.000	1.000	
0460	643.0420	TRAFFIC CONTROL BARRICADES TYPE III	DAY	912.000	912.000	
0470	643.0705	TRAFFIC CONTROL WARNING LIGHTS TYPE A	DAY	1,824.000	1,824.000	
0480	643.0900	TRAFFIC CONTROL SIGNS	DAY	114.000	114.000	
0490	690.0150	SAWING ASPHALT	LF	76.000	76.000	
0500	SPV.0035	SPECIAL 001. TOPSOIL SPECIAL	CY	147.000	147.000	
0510	SPV.0060	SPECIAL 001. SEDIMENTATION BASIN	EACH	1.000	1.000	
0520	SPV.0075	SPECIAL 001. STREET SWEEPING	HRS	5.000	5.000	
0530	SPV.0085	SPECIAL 001. FINE FESCUE SEED	LB	116.000	116.000	
0540	SPV.0090	SPECIAL 001. TIMBER RAIL GUARD FENCE	LF	136.000	136.000	
0550	SPV.0090	SPECIAL 500. SHOVEL CUT EDGE	LF	593.000	593.000	
0560	SPV.0105	SPECIAL 001. SURVEY PROJECT 9202-08-78	LS	1.000	1.000	
0570	SPV.0180	SPECIAL 500. SHREDDED HARDWOOD BARK MULCH	SY	180.000	180.000	

CLEARING AND GRUBBING

ROADWAY	FROM		TO		201.0105	201.0205	201.0120	201.0220
	STATION	OFFSET	STATION	OFFSET	CLEARING STA	GRUBBING STA	CLEARING ID	GRUBBING ID
PAMPERIN PARK MULTI-USE TRAIL	44PMT+72	4' LT	N/A	N/A	--	--	8	8
	45PMT+55	5' RT	N/A	N/A	--	--	8	8
	45PMT+91	4' RT	N/A	N/A	--	--	30	30
	49PMT+53	4.5' RT	N/A	N/A	--	--	19	--
	49PMT+76	4.5' RT	N/A	N/A	--	--	8	8
	54PMT+90	N/A	66PMT+33	N/A	12	12	--	--
BERM	0B+35	8' LT	N/A	N/A	--	--	8	8
	0B+46	7' LT	N/A	N/A	--	--	8	8
	1B+22	31' LT	N/A	N/A	--	--	30	30
	1B+52	24' LT	N/A	N/A	--	--	30	30
	1B+80	20' LT	N/A	N/A	--	--	18	18
	1B+85	20' LT	N/A	N/A	--	--	10	10
	3B+09	10' RT	N/A	N/A	--	--	12	12
TOTALS					12	12	189	170

FINISHING ROADWAY (PROJECT 9202-08-78)

ROADWAY	213.0100 EACH
9202-08-78 CONTRACT	
PROJECT	1
PROJECT 9202-08-78 TOTALS	1

TREE REMOVALS

ROADWAY	STATION	OFFSET	TREE REMOVAL*
			ID
PAMPERIN PARK MULTI-USE TRAIL	56PMT+20	1.0' RT	12
	56PMT+90	2.2' LT	6
	57PMT+08	2.6' LT	13
	57PMT+55	8.9' LT	6
	57PMT+74	6.4' LT	16
	57PMT+90	10.5' LT	17
	57PMT+97	12.9' LT	6
	58PMT+04	9.4' LT	5
	58PMT+06	11.0' LT	16
	58PMT+08	8.7' LT	11
	58PMT+48	3.8' RT	8
	58PMT+67	1.8' LT	14
	58PMT+76	3.3' LT	12
	58PMT+78	4.1' LT	16
	59PMT+26	0.4' LT	5
	60PMT+26	3.8' RT	6
	60PMT+48	1.8' RT	7
	60PMT+68	3.9' RT	6
	60PMT+77	2.2' RT	4
	60PMT+97	2.0' LT	11
	60PMT+96	1.8' LT	5
	60PMT+92	13.8' LT	5
	61PMT+23	2.0' RT	5
	61PMT+37	7.6' LT	10
	61PMT+51	8.8' LT	6
	61PMT+56	9.8' LT	17
	61PMT+63	8.2' LT	5
	62PMT+16	10.6' LT	7
	62PMT+27	10.1' LT	6
	62PMT+29	11.0' LT	15
	62PMT+66	11.9' LT	6
	62PMT+96	0.6' LT	6
	63PMT+02	0.2' RT	6
	63PMT+04	3.5' RT	9
	63PMT+10	0.5' RT	12
	63PMT+49	1.4' RT	6
	64PMT+46	2.3' RT	4
	64PMT+66	2.7' RT	10
	64PMT+70	2.5' RT	6
TOTAL NUMBER OF TREES			39

* For Information and Bidding Purposes Only. Any additional tree removals are incidental and paid under the 201.0105 clearing item.

Category	Division	From/To Station	Location	Excavation Common (CY) (1) 205.0100		Structure Excavation (CY)	Excavation Marsh (CY) 205.0400	Fill (CY)	Mass Ordinate +/- (4)	Borrow (CY) (5) 208.0100	Comment:
				Cut (CY) (2)	EBS (CY) (3)						
1000	1	43PMT+42 - 51PMT+00	PAMPERIN PARK TRAIL	518	0	0	0	7	511	-511	EXCESS MATERIAL TO BE USED ELSEWHERE ON PROJECT
	1	54PMT+90 - 66PMT+33	PAMPERIN PARK TRAIL	217	0	0	0	372	-155	155	EXCESS MATERIAL TO BE USED ELSEWHERE ON PROJECT
	1	1BP+25 - 1BP+78	BIKE PATH CONNECTOR	22	0	0	0	0	22	-22	
	1	10PDM+00 - 13PDM+67	PACKERLAND DR MULTI-MODAL PATH	89	0	0	0	169	-79	79	
	1	0B+25 - 3B+25	BERM	20	0	0	0	1,345	-1,326	1,326	
	Project 9202-08-78 - Division 1 Subtotal			866	0	0	0	1,893	-1,027	1,027	
	Project 9202-08-78 - Division 1 Total			866		0	0	1,893		1,027	
	Project 9202-08-78 Totals			866		0	0	1,893		1,027	
	1) Excavation Common = Cut + EBS Excavation. Item number 205.0100. 2) Cut volume includes concrete and asphaltic surface material. 3) EBS Excavation to be backfilled with borrow unless otherwise noted in plans. 4) The Mass Ordinate is calculated by division. A positive quantity indicates an excess of material within the Division and a negative quantity indicates a shortage of material within the Division. Structure Excavation is not included in this calculation. Mass Ordinate = Cut - Fill. The Mass Ordinate is balanced Common Excavation and Borrow for quantity purposes. It does not guarantee the quality of Common Excavation, and if it can be reused onsite. 5) An Expansion Factor of 1.0 is assumed for Borrow.										

BASE AGGREGATE ITEMS

		305.0120 BASE AGGREGATE DENSE 1 1/4-INCH	
ROADWAY	STATION	TON	
<u>PAMPERIN PARK MULTI-USE TRAIL</u>	43PMT+42 - 51PMT+00	717	
	54PMT+90 - 66PMT+36	1,061	
<u>BIKE PATH CONNECTION</u>	1BP+25 - 1BP+78	31	
<u>PACKERLAND DR MULTI-MODAL PATH</u>	10PDM+44 - 13PDM+66	188	
TOTALS		1,997	

ASPHALT ITEMS

		455.0105 ASPHALTIC MATERIAL PG 58-28	455.0605 TACK COAT	460.1100 HMA PAVEMENT TYPE E-0.3
ROADWAY	STATION	TON	GAL	TON
<u>PAMPERIN PARK MULTI-USE TRAIL</u>	43PMT+42 - 51PMT+00	10	21	189
	54PMT+90 - 66PMT+32	15	31	275
<u>BIKE PATH CONNECTION</u>	1BP+25 - 1BP+78	1	2	16
<u>PACKERLAND DR MULTI-MODAL PATH</u>	10PDM+44 - 13PDM+66	5	11	93
TOTALS		31	65	573

ADJUSTING DRAINAGE STRUCTURES

611.8110 ADJUSTING MANHOLE COVERS			
ROADWAY	STATION	OFFSET	EACH
PAMPERIN PARK MULTI-USE PATH	66PMT+32.58	5.49' LT	1
TOTALS			1

FENCE SAFETY

ROADWAY	FROM		TO		616.0700.S
	STATION	OFFSET	STATION	OFFSET	LF
PAMPERIN PARK MULTI-USE TRAIL	43PMT+68	10' RT	51PMT+00	10' RT	737
TOTALS					737

MAINTENANCE AND REPAIR OF HAUL
ROADS

618.0100 MAINTENANCE AND REPAIR OF HAUL ROADS	
PROJECT	EACH
STAGE 1	
PROJECT 9202-08-78	1
PROJECT 9202-08-78 TOTALS	1

MOBILIZATION

619.1000 MOBILIZATION	
PROJECT	EACH
STAGE 1	
PROJECT 9202-08-78	1
PROJECT 9202-08-78 TOTALS	1

FINSHING MATERIALS

				625.0100	625.0500	627.0200	629.0210	630.0140	SPV.0085.001
					SALVAGED		FERTILIZER	SEEDING	FINE
				TOPSOIL	TOPSOIL	MULCHING	TYPE B	MIXTURE	FESCUE
ROADWAY	STATION	OFFSET		SY	SY	SY	CWT	NO. 40	SEED
				SY	SY	SY	CWT	LB	LB
<u>PAMPERIN PARK MULTI-USE TRAIL</u>	43PMT+38	- 51PMT+00	LT	211	--	--	0.1	4	--
	43PMT+67	- 51PMT+00	RT	120	--	--	0.1	2	--
	54PMT+90	- 66PMT+31	LT	437	--	--	0.2	8	--
	54PMT+90	- 66PMT+33	RT	658	--	--	0.4	12	--
<u>PACKERLAND DR MULTI-MODAL PATH</u>	10PDM+44	- 13PDM+66	LT	263	--	263	--	--	12
	10PDM+44	- 13PDM+66	RT	217	--	217	--	--	10
<u>BERM</u>	0B+25	- 3B+25	LT	--	878	918	--	--	41
	0B+25	- 3B+25	RT	--	845	845	--	--	38
<u>UNDISTRIBUTED</u>				286	258	336	0.1	4	15
TOTALS				2,192	1,981	2,579	0.9	30	116

WATER

624.0100		
ROADWAY	TYPE	MGAL
PROJECT	DUST CONTROL	6
	COMPACTION	20
PACKERLAND DR MULTI-MODAL PATH	FESCUE SEED	99
TOTALS		125

EROSION CONTROL

SPV.0060.001																	
628.1104 628.1504 628.1520 628.1905 628.1910 628.1920 628.2002 628.2039 628.7005 628.7010 628.7504 628.7570																	
MOBILIZATIONS EROSION MAT INLET INLET TEMPORARY ROCK SEDIMENTATION																	
EROSION SILT FENCE MOBILIZATIONS EROSION EROSION CLEANING EROSION MAT MAT INLET INLET TEMPORARY ROCK SEDIMENTATION																	
BALES SILT FENCE EROSION EROSION SEDIMENT EROSION MAT MAT INLET INLET TEMPORARY ROCK SEDIMENTATION																	
ROADWAY START END OFFSET OFFSET EACH LF LF EACH EACH CY SY SY EACH EACH LF EACH EACH																	
PAMPERIN PARK MULTI-USE TRAIL																	
43PMT+32 8.9' LT 51PMT+00 16.1' LT -- 776 776 -- -- -- -- -- -- -- -- -- --																	
43PMT+38 12.0' LT 51PMT+00 12.0' LT -- -- -- -- -- 211 -- -- -- -- -- --																	
43PMT+67 5.8' RT 51PMT+00 2.0' RT -- -- -- -- -- 120 -- -- -- -- -- --																	
43PMT+67 13.7' RT 51PMT+00 4.5' RT -- 739 739 -- -- -- -- -- -- -- -- -- --																	
44PMT+40 20.0' LT 48PMT+88 18.3' LT 176 -- -- -- -- -- -- -- -- -- -- -- --																	
49PMT+82 14.1' RT 51PMT+02 7.0' RT 48 -- -- -- -- -- -- -- -- -- -- -- --																	
54PMT+72 6.1' RT 56PMT+52 11.2' RT 72 -- -- -- -- -- -- -- -- -- -- -- --																	
54PMT+84 19.8' LT 55PMT+87 23.4' LT 40 -- -- -- -- -- -- -- -- -- -- -- --																	
54PMT+90 12.0' LT 65PMT+18 12.0' LT -- -- -- -- -- -- 343 -- -- -- -- -- --																	
54PMT+90 2.0' RT 65PMT+18 3.0' RT -- -- -- -- -- -- 596 -- -- -- -- -- --																	
54PMT+90 15.3' LT 66PMT+31 28.2' LT -- 1,143 1,143 -- -- -- -- -- -- -- -- -- --																	
54PMT+90 2.5' RT 66PMT+33 14.8' RT -- 1,153 1,153 -- -- -- -- -- -- -- -- -- --																	
55PMT+18 RT N/A N/A -- -- -- -- -- -- -- -- -- -- 12 -- --																	
65PMT+18 12.0' LT 66PMT+31 20.9' LT -- -- -- -- -- -- 90 -- -- -- -- -- --																	
65PMT+18 3.0' RT 66PMT+33 8.6' RT -- -- -- -- -- -- 63 -- -- -- -- -- --																	
65PMT+11 26.8' LT 66PMT+15 22.5' LT 40 -- -- -- -- -- -- -- -- -- -- -- --																	
65PMT+12 16.4' RT 66PMT+27 10.6' RT 48 -- -- -- -- -- -- -- -- -- -- -- --																	
PACKERLAND DR MULTI-MODAL PATH																	
10PDM+41 7.5' RT 3B+29 7.6' LT -- 140 140 -- -- -- -- -- -- -- -- -- --																	
10PDM+44 18.3' LT 11PDM+65 102.0' LT -- 524 524 -- -- -- -- -- -- -- -- -- --																	
11PDM+38 RT N/A N/A -- -- -- -- -- -- -- -- -- -- 20 -- --																	
BERM																	
0B+06 26.0' LT 0B+18 26.0' LT -- -- -- -- -- -- -- -- -- -- 12 -- --																	
0B+18 26.0' LT 3B+47 30.0' LT -- 290 290 -- -- -- -- -- -- -- -- -- --																	
3B+36 64.5' RT N/A N/A -- -- -- -- -- -- -- -- 1 1 -- -- --																	
UNDISTRIBUTED																	
63 714 714 2 1 75 191 23 -- -- 7 20 1																	
TOTALS																	
487 5,479 5,479 2 1 75 1,461 176 1 1 51 20 1																	

TREES							
	632.0101.01	632.0101.02	632.0101.03	632.0101.04	632.0101.05	632.0101.06	632.0101.07
	VIBURNUM, BLACKHAW 'FOREST ROUGE' (SHRUB FORM TREE), B&B, 6-FOOT HT.	FIR, WHITE, B&B, 8-FOOT HT.	JUNIPER, 'MOUNTBATTEN', B&B, 5-FOOT HT.	PINE, LIMBER 'VANDERWOLF'S PYRAMID', B&B, 7-FOOT HT.	PINE, WHITE, B&B, 8-FOOT HT.	SPRUCE, BLACK HILLS, B&B, 8-FOOT HT	SPRUCE BLUE COLORADO, B&B, 8-FOOT HT.
LOCATION	EACH	EACH	EACH	EACH	EACH	EACH	EACH
PACKERLAND DR MULTI-MODAL PATH	12	3	14	3	3	3	3
TOTALS	12	3	14	3	3	3	3

LANDSCAPE ITEMS				
	632.9101	SPV.0090.500	SPV.0180.500	
	LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES	SHOVEL CUT EDGE	SHREDDED HARDWOOD BARK MULCH	
ROADWAY	LOCATION	EACH	LF	SY
PACKERLAND DR MULTI-MODAL PATH	ALL	26	--	--
	BED 1	--	593	180
TOTALS		26	593	180

PERMANENT SIGNING SUMMARY						
				634.0412 POSTS WOOD 4X4-INCH X 12-FT	637.0202 SIGNS REFLECTIVE TYPE II	
ROADWAY	SIGN #	SIGN CODE	SIGN SIZE INCHES	EACH	SF	REMARKS
PAMPERIN PARK MULTI-USE TRAIL	1-01	R1-1	18X18	1	2.3	STOP
	1-02	R5-3	24X24	1	4.0	NO MOTOR VEHICLES
	1-03	W1-5	18X18	1	2.3	S-CURVE WARNING
	1-04	W1-5	18X18	1	2.3	S-CURVE WARNING
	1-05	R1-2	18X15.5	1	2.0	YIELD
	1-06	R5-3	24X24	1	4.0	NO MOTOR VEHICLES
	1-07	W7-5	18X18	1	2.3	STEEP GRADE WARNING
TOTALS				7	19.2	

3

TRAFFIC CONTROL								
		643.0100	643.0420		643.0705		643.0900	
		TRAFFIC CONTROL PROJECT (9202-08-78)	TRAFFIC CONTROL BARRICADE TYPE III		TRAFFIC CONTROL WARNING LIGHTS TYPE A		TRAFFIC CONTROL SIGNS	
ROADWAY	LOCATION	EACH	EACH	DAYS	EACH	DAYS	EACH	DAYS
<u>PROJECT 9202-08-78</u>	UNDISTRIBUTED	1	16	57	32	57	2	57
TOTALS		1	912		1824		114	

3

ROADWAY SAWING						690.0150
						SAWING
						ASPHALT
LOCATION	FROM STATION	OFFEST	TO STATION	OFFSET	LF	
<u>PAMPERIN PARK MULTI-USE TRAIL</u>	51PMT+00	2.0' RT	51PMT+00	12.0' LT	14	
	54PMT+90	2.0' RT	54PMT+90	12.0' LT	14	
<u>BIKE PATH CONNECTION</u>	1BP+25	0.0' RT	1BP+25	12.2' LT	12	
	1BP+78	0.0' RT	1BP+78	11.8' LT	12	
<u>PACKERLAND DR MULTI-MODAL PATH</u>	10PDM+44	0.0' RT	10PDM+43	12.0' LT	12	
	13PDM+66	0.0' RT	13PDM+66	12.0' LT	12	
TOTALS					76	

<u>TOPSOIL SPECIAL</u>	
	SPV .0035.001
<u>LOCATION</u>	<u>CY</u>
PLANTING BED 1	120
TREE AREAS	27
<u>TOTAL</u>	<u>147</u>

<u>TIMBER RAIL GUARD FENCE SPECIAL</u>					
ROADWAY	FROM		TO		SPV.0090.001
	STATION	OFFSET	STATION	OFFSET	LF
<u>PAMPERIN PARK MULTI-USE TRAIL</u>	65PMT+49	9.5' LT	66PMT+15	9.5' LT	64
	65PMT+49	1.5' RT	66PMT+21	1.5' RT	72
<u>TOTALS</u>					136

<u>SURVEY PROJECT</u>	
	SPV.0105.001
PROJECT	LS
PROJECT 9202-08-78	
9202-08-78	1
PROJECT 9202-08-78 TOTAL	1

<u>STREET SWEEPING</u>	
	SPV.0075.001
LOCATION	HRS
PROJECT 9202-08-78	
UNDISTRIBUTED	5
PROJECT 9202-08-78 TOTAL	5

PROJECT NO: 9202-08-78	HWY:STH 29	COUNTY: BROWN	MISCELLANEOUS QUANTITIES	SHEET:	E
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TRANSPORTATION PROJECT PLAT NO: 9202-07-23-4.04

PART OF UNPLATTED LANDS WITHIN LOTS 298 AND 299 IN THE FORT HOWARD MILITARY RESERVE, LOCATED IN THE VILLAGE OF HOWARD, BROWN COUNTY, WISCONSIN.

RELOCATION ORDER STH 29 BROWN COUNTY

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

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

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

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT
ACCESS RIGHTS
ACRES
CHORD BEARING
CHORD DISTANCE
DEED
DOCUMENT
EAST BOUND
GAS VALVE
INLET
LENGTH OF CURVE
MANHOLE
MONUMENT
NORTH BOUND
PAGE
PERMANENT
PERMANENT LIMITED EASEMENT
PRIVATE DRIVEWAY
PROPERTY LINE
RADIUS
REFERENCE LINE
REMAINING
RIGHT OF WAY
SECTION LINE
SECTION LINE
FOUND IRON PIPE
STATION
TEMPORARY LIMITED EASEMENT
TIE POINT
VOLUME
ADJOINING LANDS
WITH SAME OWNER
PARALLEL TO LINE
BUILDING TO BE RAZED
FEE ACQUISITION

SECTION CORNER
(MATERIAL AS NOTED)
SET R/W MONUMENT W/CAP
(1/4" OUTSIDE DIA. X 1/8"
IRON PIPE 1.13 LBS./FT.)
SET P.K. NAIL
PROPOSED R/W
BOUNDARY POINT
CORPORATE LIMITS
EXISTING R/W
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
PROPOSED OR NEW R/W LINE
PROPOSED EASEMENT LINE
PARCEL NUMBER
UTILITY PARCEL NUMBER
PROPERTY LINE
LOT, TIE AND OTHER MINOR
DASHED LINES
ACCESS CONTROL
(By Previous Acquisition
or Covenant)
NO ACCESS
(By Acquisition)
NO ACCESS
(By Statutory Authority)
LIMITED EASEMENT
(Temporary or Permanent)

VILLAGE OF HOBART

RESERVE FOR CLAUSES AND NOTE INFORMATION

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

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

AREAS SHOWN IN THE TOTAL ACRES COLUMN OF THE SCHEDULE OF LANDS & INTEREST TABLE 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 TO BE ACQUIRED.

COORDINATES AS SHOWN ARE NOT INTENDED TO BE USED FOR RETRACEMENT PURPOSES AND MUST BE VERIFIED WITH THE COUNTY SURVEY DEPARTMENT.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, BROWN COUNTY, (ENGLISH), NAD OF 1983 (1993) ADJUSTMENT. ALL PLAT DISTANCES ARE GROUND LENGTH.

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

EXISTING RIGHT OF WAY WAS ACQUIRED FROM PROJECT(S):
F 020 3(9), 9202-02-21, 9202-07-21, 9202-02-22, & COUNTY MAPS

EXISTING ACCESS CONTROL WAS ACQUIRED UNDER PROJECT(S):
F 020 3(9), 9202-02-22

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

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

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

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

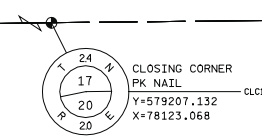
JON L. HERBEL
PRINTED NAME
SIGNATURE
DATE 6/8/2010

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

NORMAN PAWELCZYK
PRINTED NAME
SIGNATURE
DATE 6/8/2010

CURVE	CH DISTANCE	CH BEARING	RADIUS	ARC LENGTH	PI COORDINATES
CL200	414.25'	S 56°50'17" E	3819.72'	414.45'	Y 577172.76 X 81506.99
CL201	818.68'	S 45°28'35" E	2851.60'	821.52'	Y 575722.88 X 83482.89
CL202	545.70'	S 50°59'53" E	1145.92'	551.00'	Y 574568.11 X 84360.15

COURSE	STATION	OFFSET	COORDINATES
CL2	0+00.00	0.00'R	Y 577983.755 X 80261.865
CL3	42+60.63	83.05'L	Y 57824.066 X 78991.670
CL4	42+60.63	0.00'R	Y 578652.180 X 78950.077
CL5	44+26.06	97.43'L	Y 578653.660 X 79142.057
CL6	47+39.69	124.68'L	Y 578520.180 X 79421.170
CL7	51+05.68	178.35'L	Y 578383.340 X 79770.840
CL8	51+52.92	222.95'L	Y 578398.290 X 79834.060
CL9	53+30.82	244.23'L	Y 578321.610 X 79998.700
CL10	54+34.53	230.26'L	Y 578263.580 X 80081.470
CL11	55+72.87	264.41'L	Y 578223.860 X 80218.320
CL12	56+03.39	284.85'L	Y 578223.259 X 80260.159
CL13	57+30.81	284.85'L	Y 577983.755 X 80261.865
CL14	57+76.92	0.00'R	Y 577892.805 X 80262.516
CL15	70+07.27	0.00'L	Y 577276.640 X 81327.450
CL16	74+21.71	0.00'R	Y 577050.040 X 81674.220
CL17	92+51.44	0.00'R	Y 575967.580 X 83149.410
CL18	100+72.96	0.00'R	Y 575393.520 X 83733.100
CL19	108+28.60	0.00'R	Y 574791.810 X 84190.200
CL20	113+79.60	0.00'L	Y 574448.380 X 84614.290
CL21	122+88.68	0.00'R	Y 574060.924 X 85436.662



FRACTIONAL SECTION 20

VILLAGE

DUCK CREEK

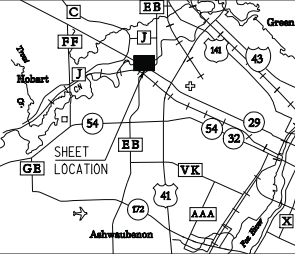
POINT	STATION	OFFSET	COORDINATES
PRW543	51+05.68	178.35'L	Y 578383.340 X 79770.840
PRW544	51+52.92	222.95'L	Y 578398.290 X 79834.060
PRW545	53+30.82	244.23'L	Y 578321.610 X 79998.700
PRW546	54+34.53	230.26'L	Y 578263.580 X 80081.470
PRW547	55+72.87	264.41'L	Y 578223.860 X 80218.320
PRW548	56+03.39	284.85'L	Y 578223.259 X 80260.159
PRW549	57+30.81	284.85'L	Y 577983.755 X 80261.865
PRW550	57+76.92	0.00'R	Y 577892.805 X 80262.516
PRW551	70+07.27	0.00'L	Y 577276.640 X 81327.450
PRW552	74+21.71	0.00'R	Y 577050.040 X 81674.220
PRW553	92+51.44	0.00'R	Y 575967.580 X 83149.410
PRW554	100+72.96	0.00'R	Y 575393.520 X 83733.100
PRW555	108+28.60	0.00'R	Y 574791.810 X 84190.200
PRW556	113+79.60	0.00'L	Y 574448.380 X 84614.290
PRW557	122+88.68	0.00'R	Y 574060.924 X 85436.662

FHMR LOT 299

GAS MAIN EASEMENT
VOL. 251 PG. 140
DOC. #736303

TLE "A"
FOR TEMPORARY
ROADWAY CONSTRUCTION
AND SLOPING

LOTS 298 & 299 IN THE FORT HOWARD MILITARY RESERVE, AND PART OF THE FRACTIONAL SEC. 20



LOCATION SKETCH
(NOT TO SCALE)

FHMR LOT 298

SHAWANO AVE.

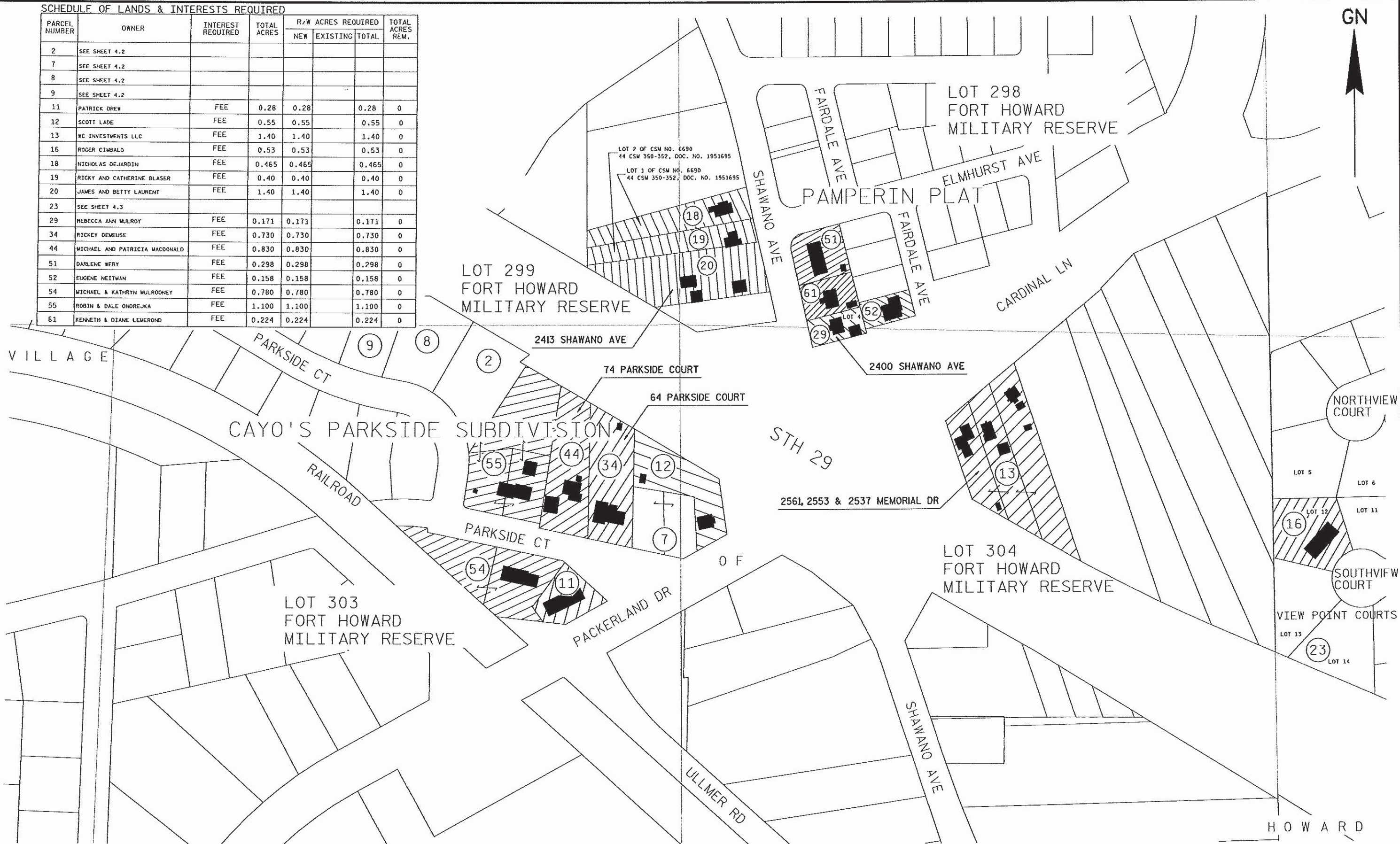
ELMHURST AVE.

PARCEL NUMBER	OWNER	INTEREST REQUIRED	FEE ACRES	T.L.E. ACRES	P.L.E. ACRES
18	BROWN COUNTY	FEE & TLE	1.28	1.25	-
19	JACK BEEBE'S ESTATE	FEE	0.64	-	-
117	QUEST COMMUNICATIONS	RELEASE OF RIGHTS	-	-	-
107	WISCONSIN PUBLIC SERVICE	RELEASE OF RIGHTS	-	-	-
109	GREEN BAY METROPOLITAN SEWERAGE DISTRICT (TOWN)	RELEASE OF RIGHTS	-	-	-
209	GREEN BAY METROPOLITAN SEWERAGE DISTRICT (TOWN)	RELEASE OF RIGHTS	-	-	-
224	VILLAGE OF HOWARD	RELEASE OF RIGHTS	-	-	-
225	VILLAGE OF HOWARD	RELEASE OF RIGHTS	-	-	-

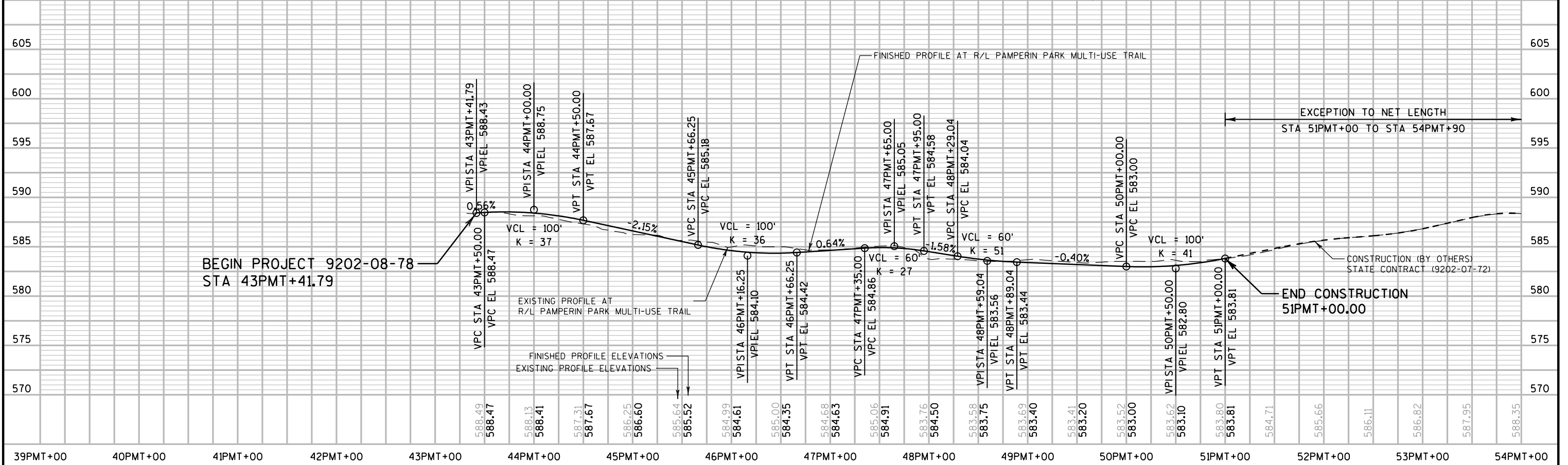
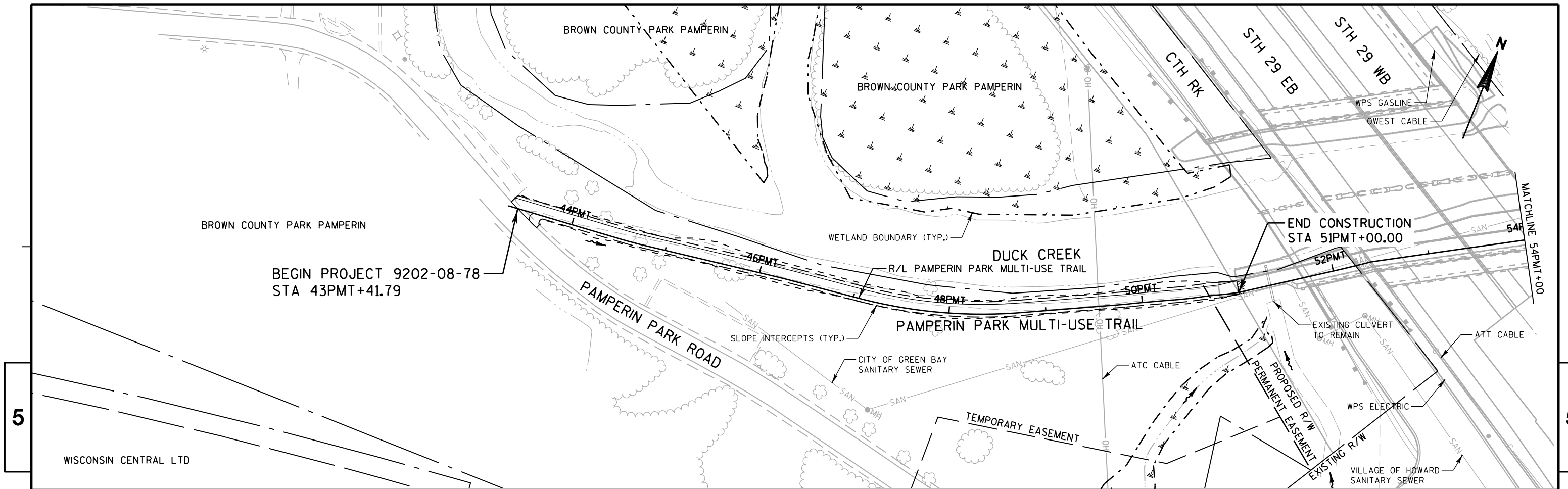
RESERVE FOR REGISTER OF DEEDS
PROJECT NUMBER 9202-07-23 - 4.04
AMENDMENT NUMBER:
ACCEPTED FOR RECORDING AND FILING IN THE
OFFICE OF THE REGISTER OF DEEDS IN
BROWN COUNTY, WISCONSIN
AT 12:09 PM ON JUNE 14th 2010
AS DOCUMENT # 2474977
AND
FILED IN Vol. 6, Page 215, pg. 184
SIGNATURE OF REGISTER OF DEEDS

SCHEDULE OF LANDS & INTERESTS REQUIRED

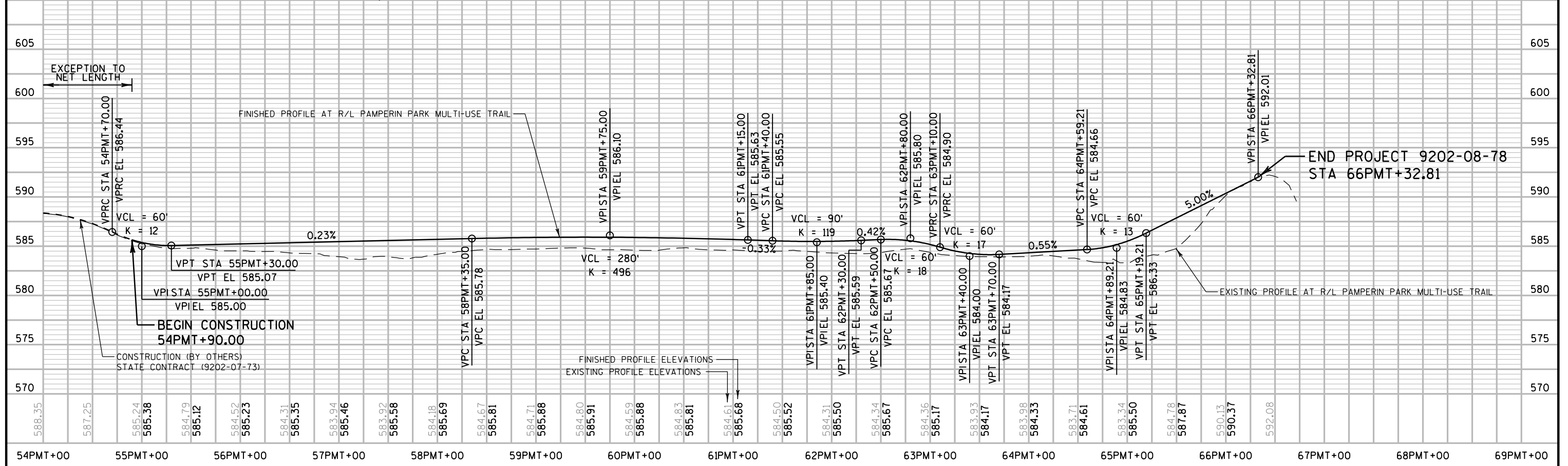
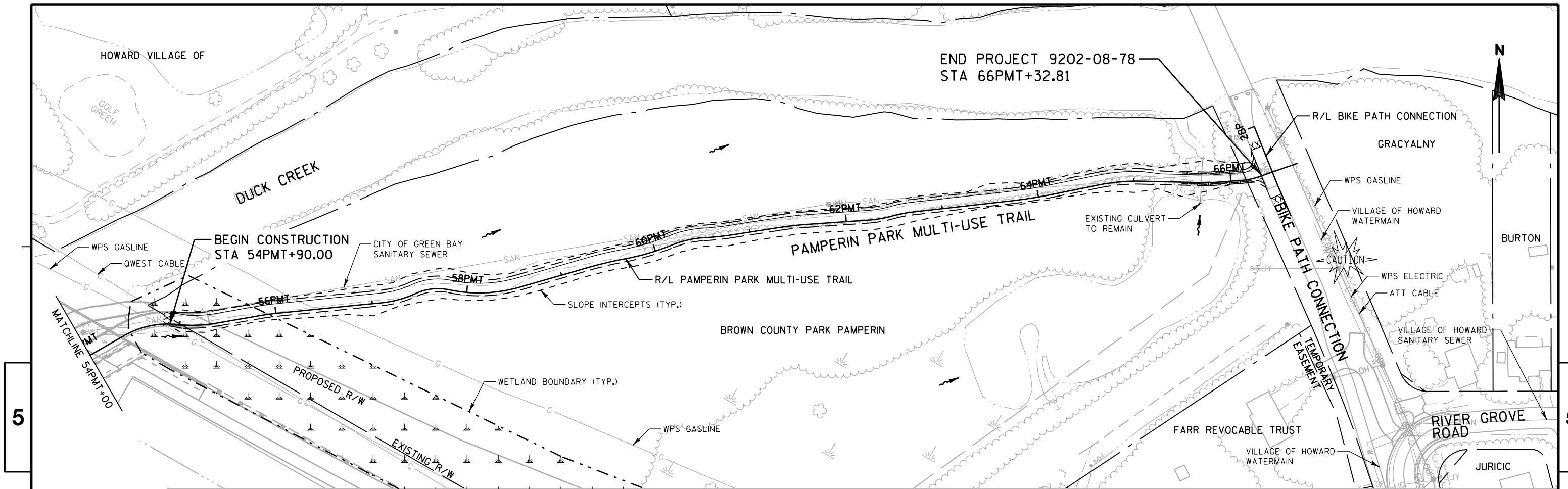
PARCEL NUMBER	OWNER	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES REQUIRED			TOTAL ACRES REM.
				NEW	EXISTING	TOTAL	
2	SEE SHEET 4.2						
7	SEE SHEET 4.2						
8	SEE SHEET 4.2						
9	SEE SHEET 4.2						
11	PATRICK DREW	FEE	0.28	0.28		0.28	0
12	SCOTT LADE	FEE	0.55	0.55		0.55	0
13	MC INVESTMENTS LLC	FEE	1.40	1.40		1.40	0
16	ROGER CIMBALO	FEE	0.53	0.53		0.53	0
18	NICHOLAS DEJARDIN	FEE	0.465	0.465		0.465	0
19	RICKY AND CATHERINE BLASER	FEE	0.40	0.40		0.40	0
20	JAMES AND BETTY LAURENT	FEE	1.40	1.40		1.40	0
23	SEE SHEET 4.3						
29	REBECCA ANN WILROY	FEE	0.171	0.171		0.171	0
34	RICKEY DEMEUSE	FEE	0.730	0.730		0.730	0
44	MICHAEL AND PATRICIA MACDONALD	FEE	0.830	0.830		0.830	0
51	DARLENE WERY	FEE	0.298	0.298		0.298	0
52	EUGENE MEITMAN	FEE	0.158	0.158		0.158	0
54	MICHAEL & KATHRYN WILROONEY	FEE	0.780	0.780		0.780	0
55	ROBIN & DALE ONDREJKA	FEE	1.100	1.100		1.100	0
61	KENNETH & DIANE LEVEROND	FEE	0.224	0.224		0.224	0



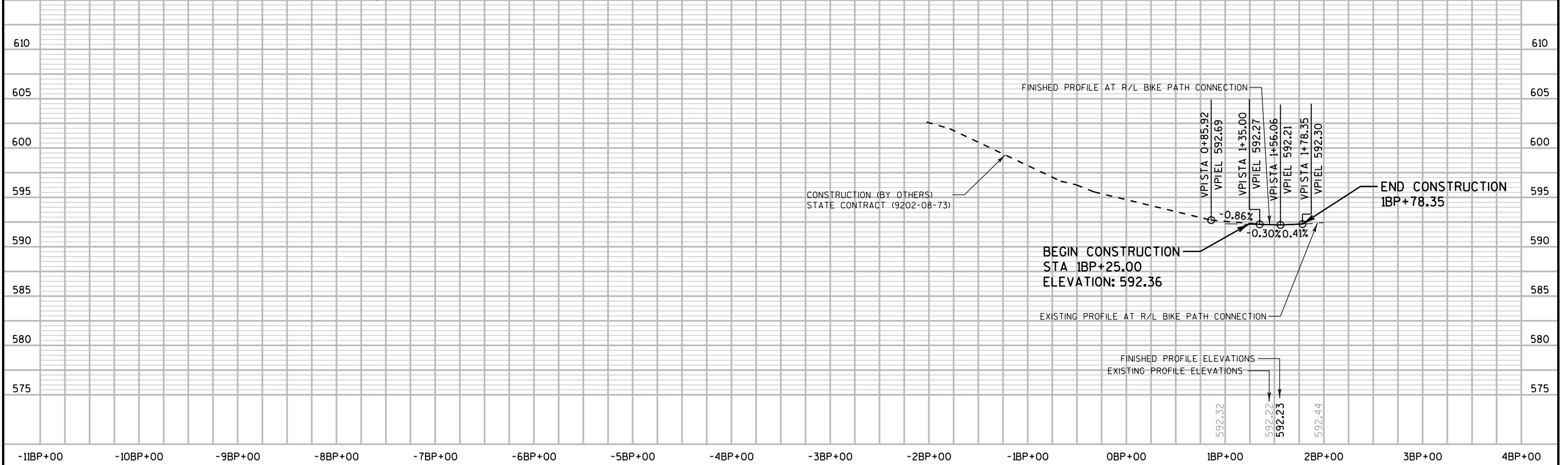
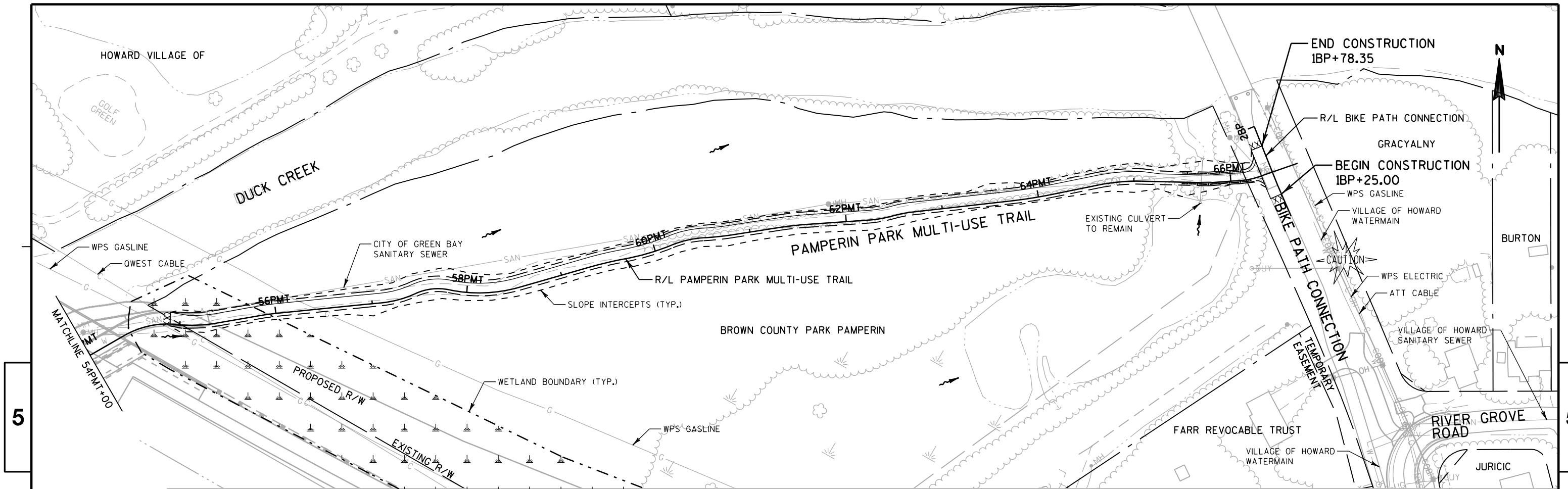
REVISION DATE 4-15-2008 9-16-2009	DATE 8-10-2000	SCALE, FEET 0 100 200	HWY: STH 29	STATE R/W PROJECT NUMBER 9202-07-22	PLAT SHEET NO: 4.6
GRID FACTOR N/A			COUNTY: BROWN	CONSTRUCTION PROJECT NUMBER 9202-07-77	PS&E SHEET NO: E

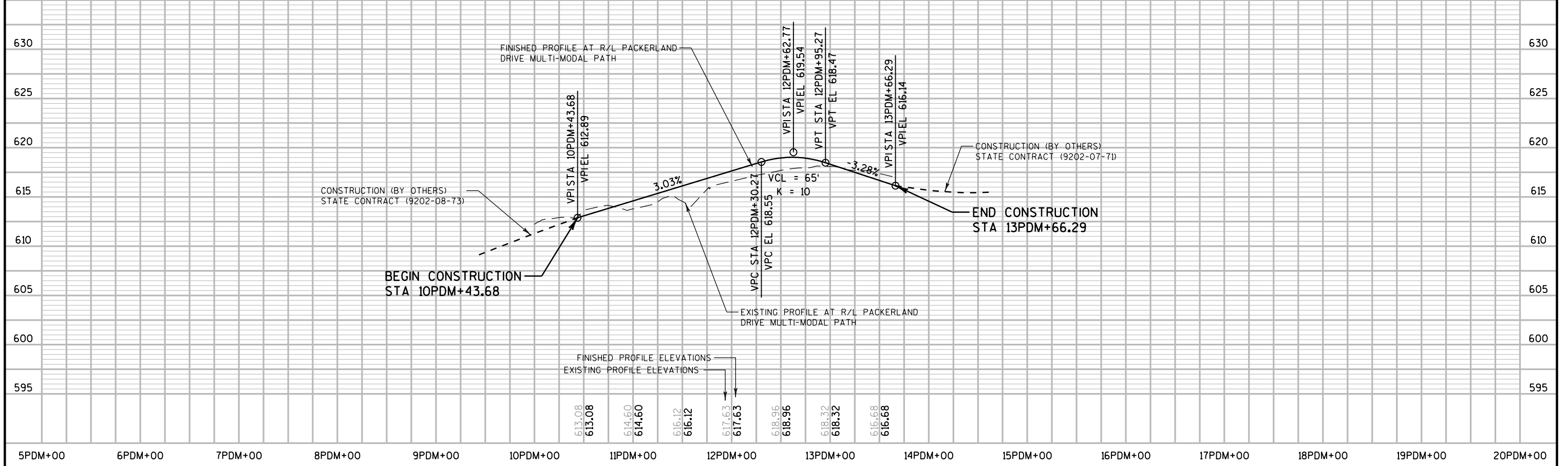
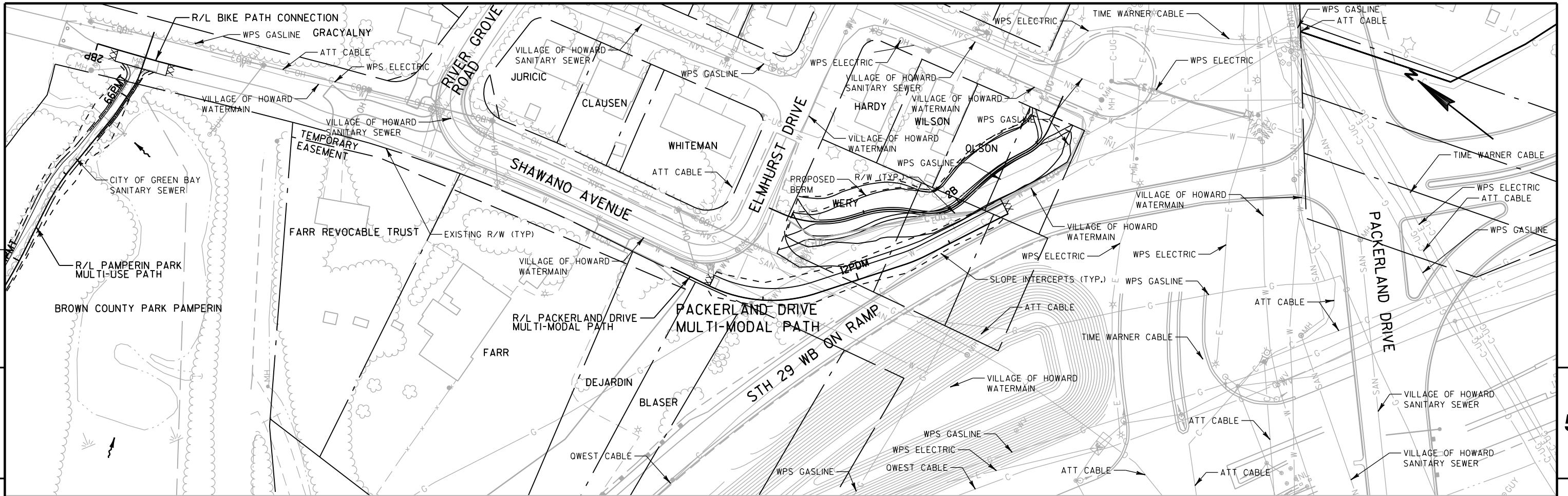


PROJECT NO: 9202-08-78	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: PAMPERIN PARK MULTI-USE TRAIL	SHEET	E
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PROJECT NO: 9202-08-78	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: PAMPERIN PARK MULTI-USE TRAIL	SHEET	E
------------------------	-------------	---------------	---	-------	---

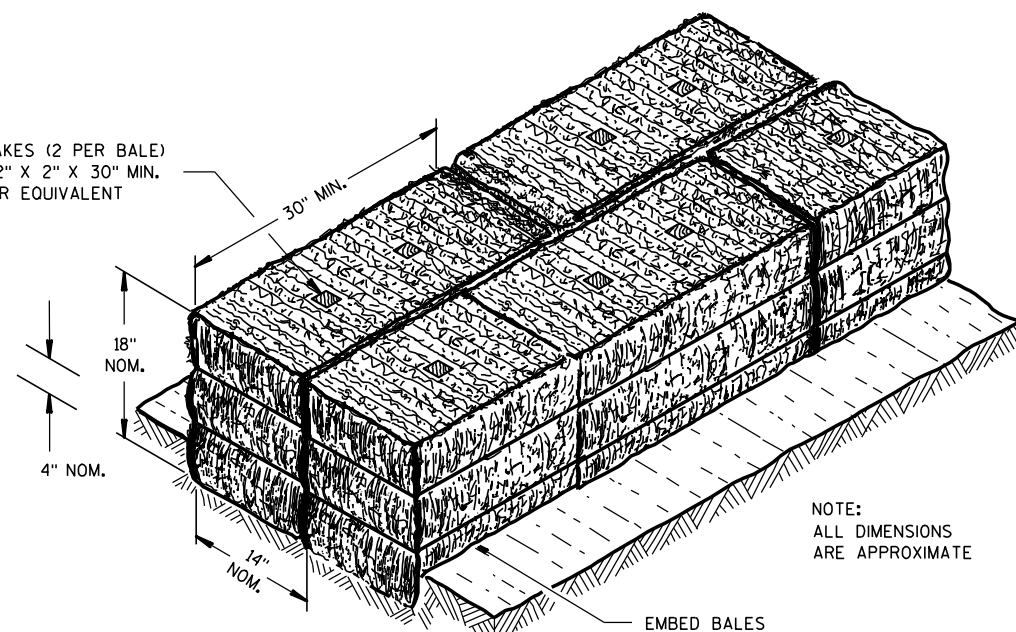




Standard Detail Drawing List

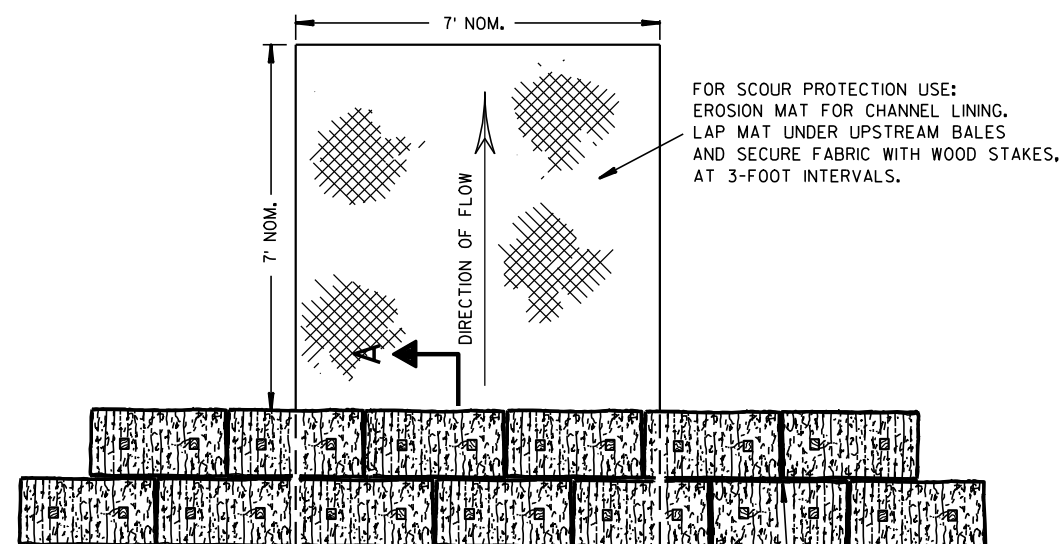
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
14A02-01	TREE PLANTING DETAIL

WOOD STAKES (2 PER BALE)
NOMINAL 2" X 2" X 30" MIN.
LENGTH OR EQUIVALENT

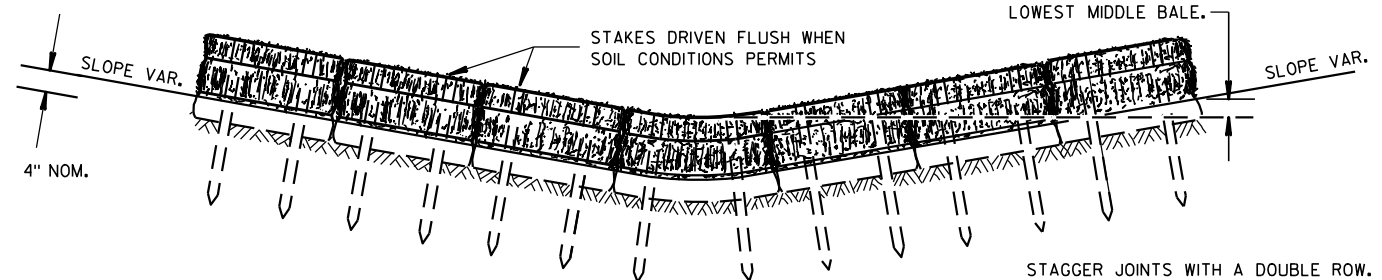


NOTE:
ALL DIMENSIONS
ARE APPROXIMATE

SECTION A-A



PLAN VIEW



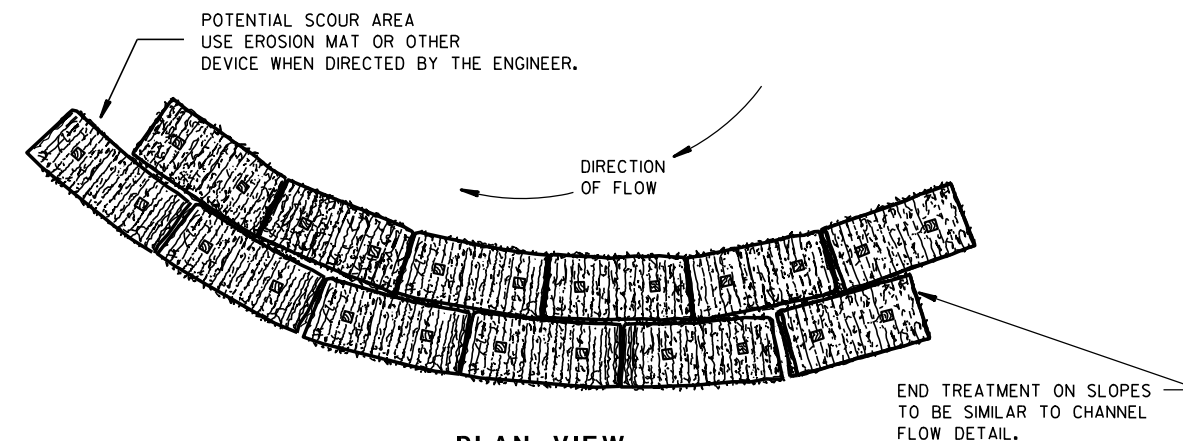
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

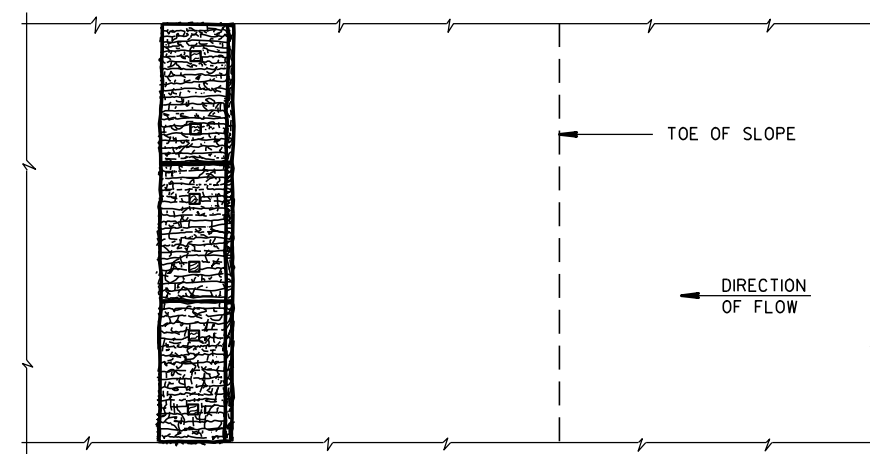
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

- ① TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

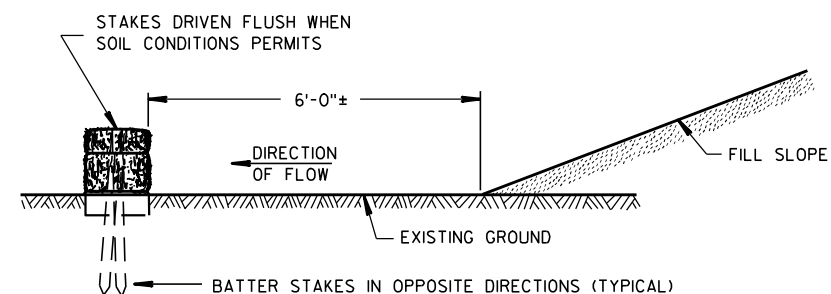


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

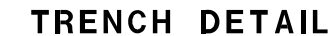
6/04/02
DATE

FHWA

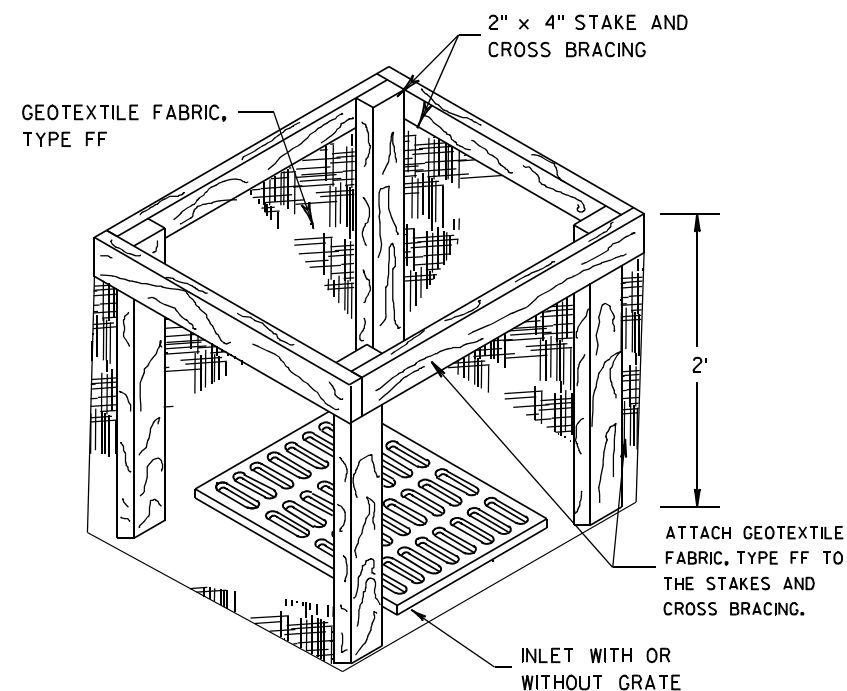
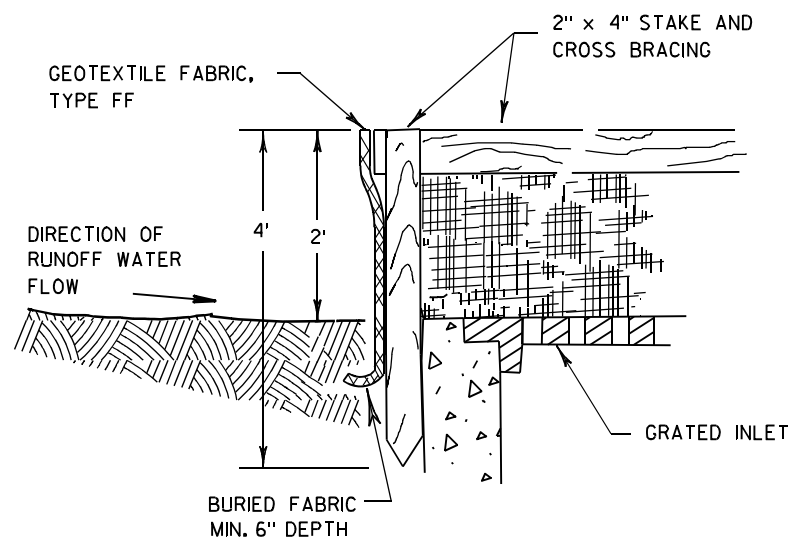
/S/ Beth Canestra
CHIEF ROADWAY DEVELOPMENT ENGINEER



- ① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
- ② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- ③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1½" X 1½" OF OAK OR HICKORY.
- ④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
- ⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



SILT FENCE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 4-29-05 DATE	/S/ Beth Canestra CHIEF ROADWAY DEVELOPMENT ENGINEER



INLET PROTECTION, TYPE A

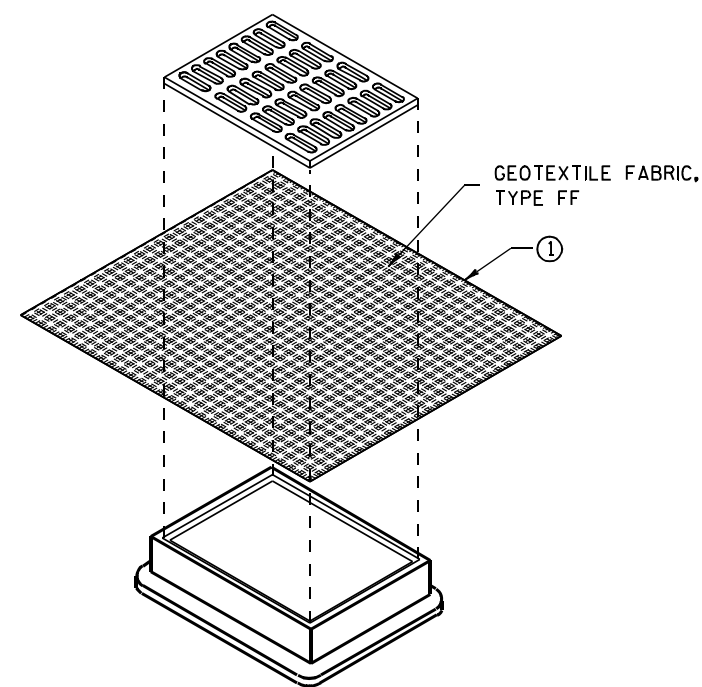
GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

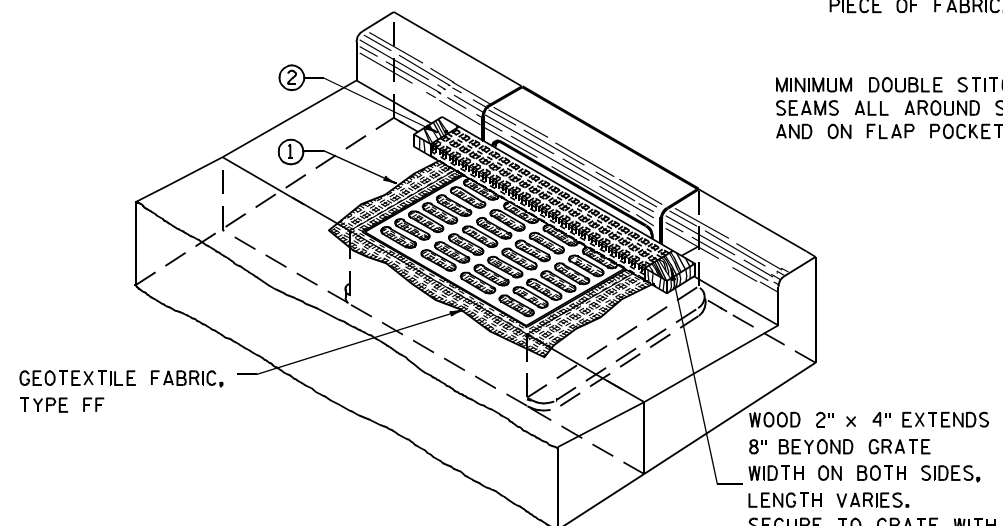
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.



**INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)**

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



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

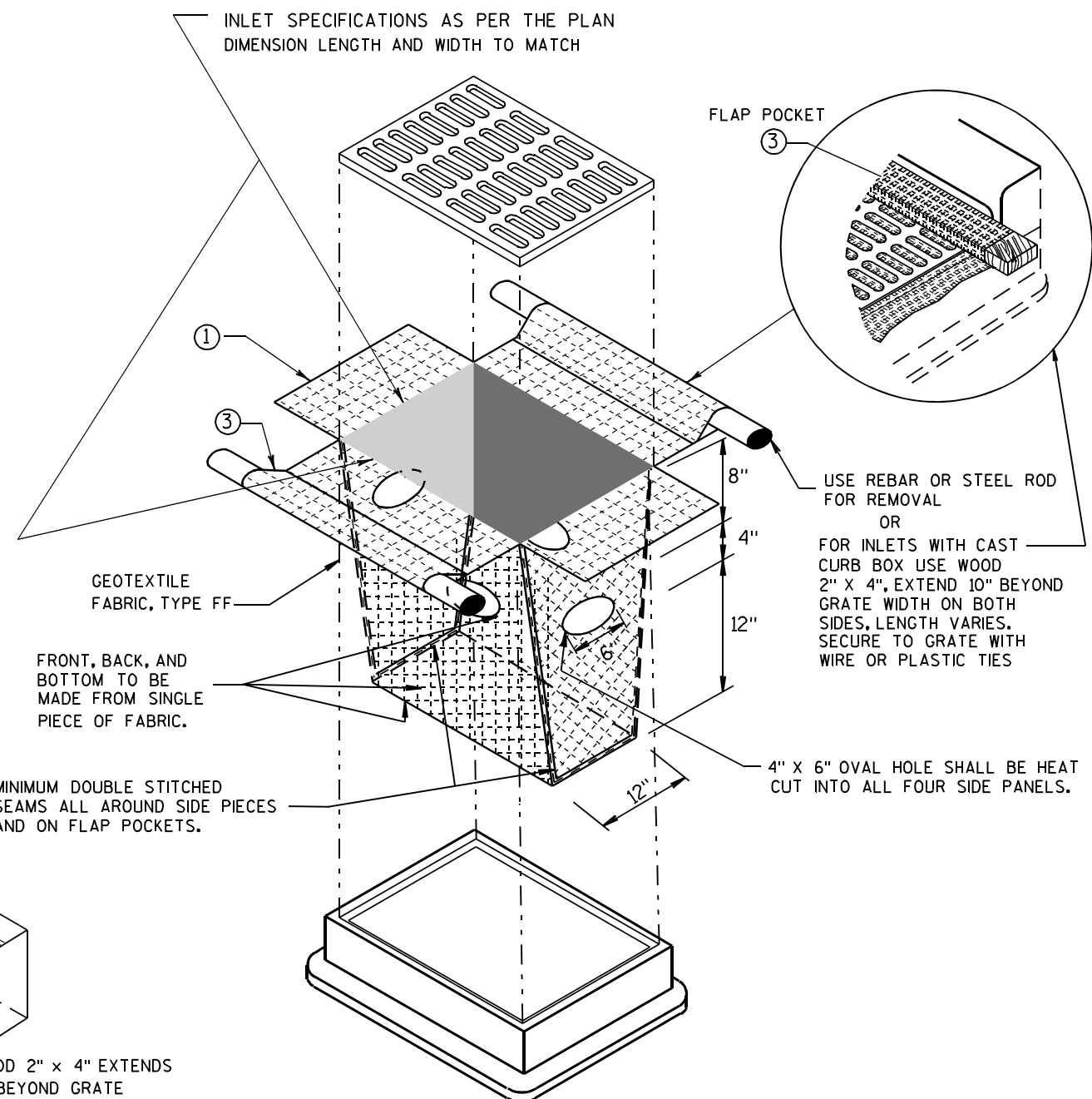
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLower THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.



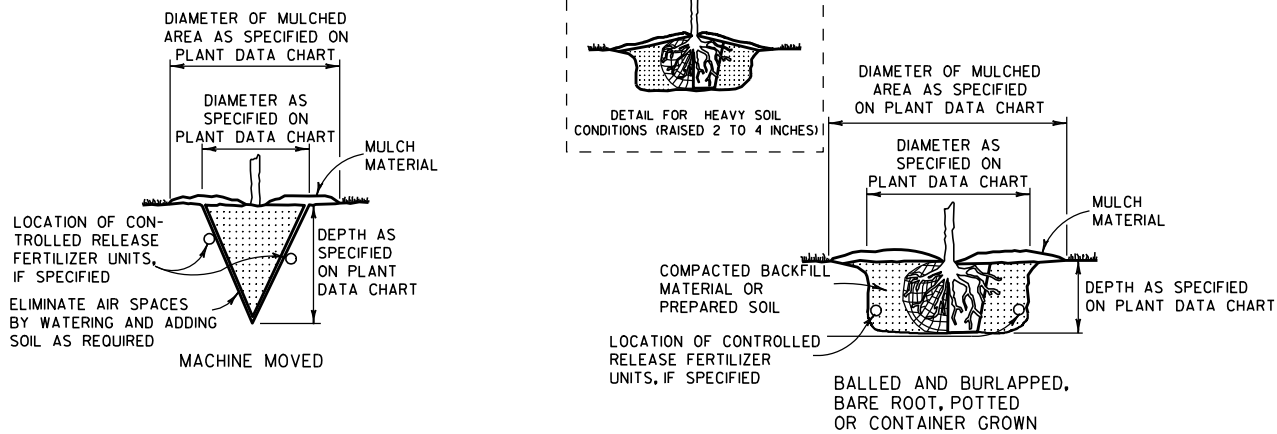
INLET PROTECTION, TYPE D

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

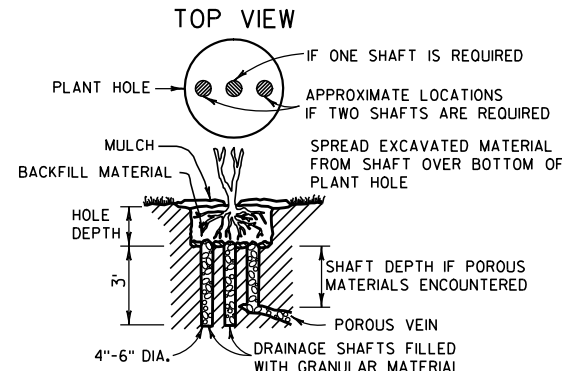
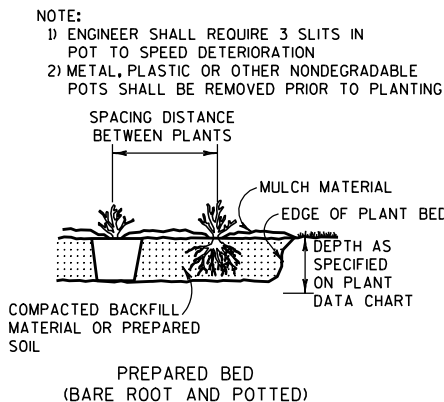
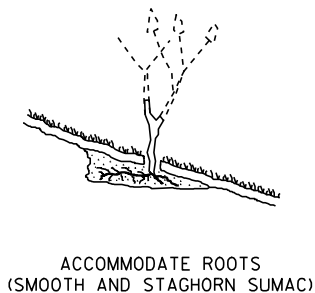
**INLET PROTECTION
TYPE A, B, C, AND D**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02 /S/ Beth Cannestra
DATE
FHWA CHIEF ROADWAY DEVELOPMENT ENGINEER

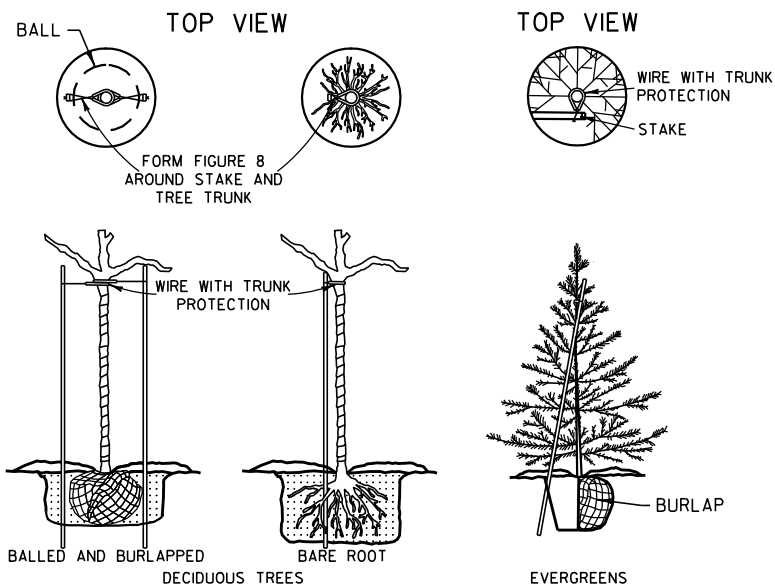
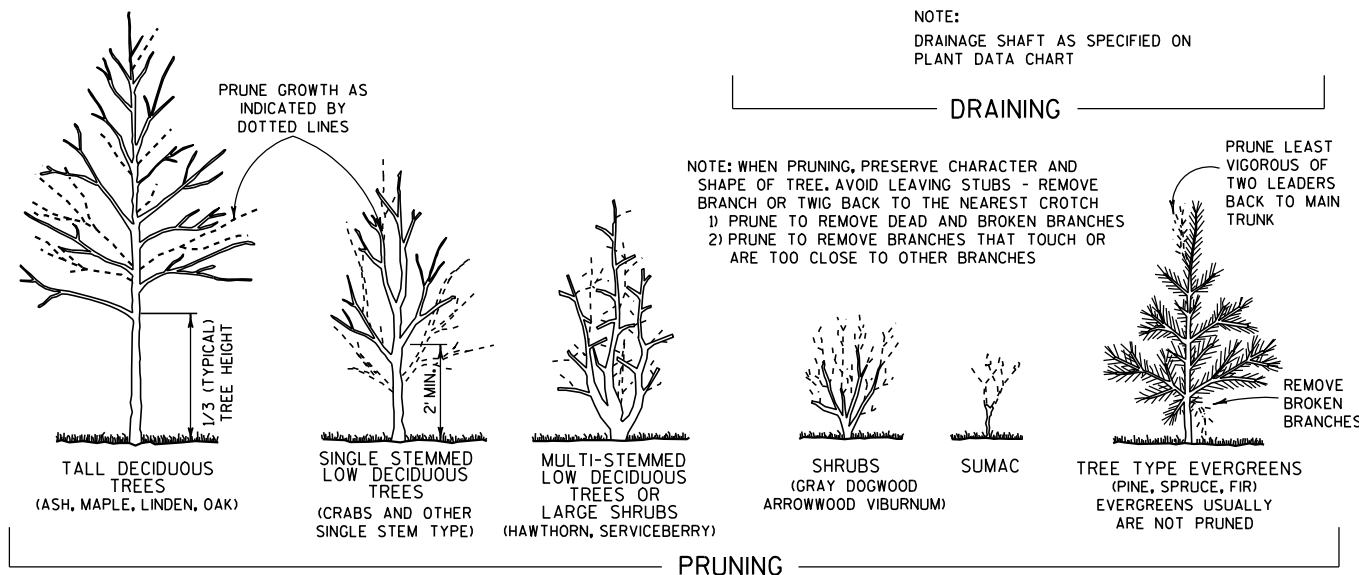
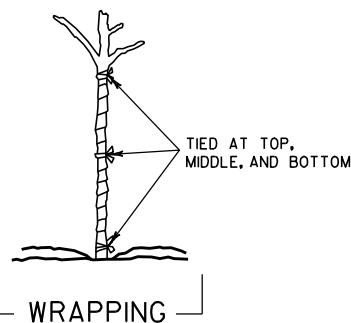
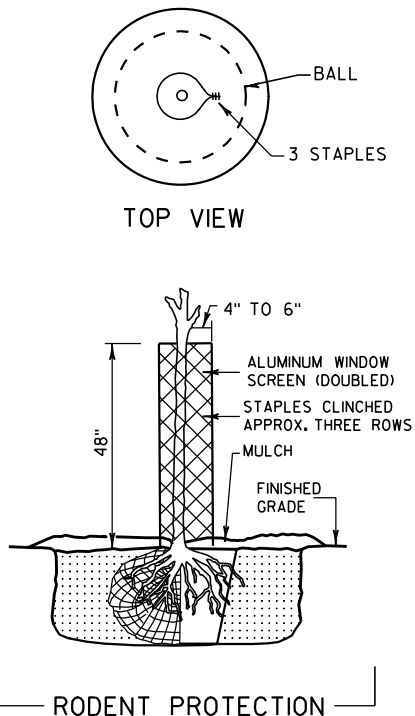
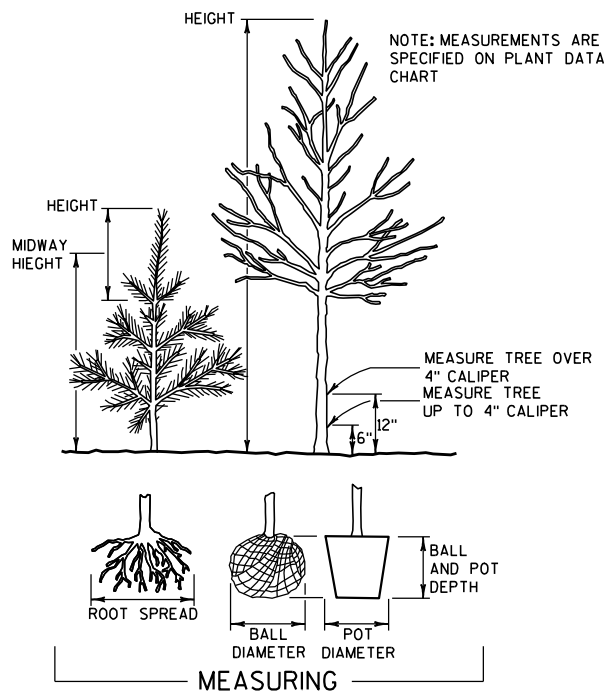


PLANTING

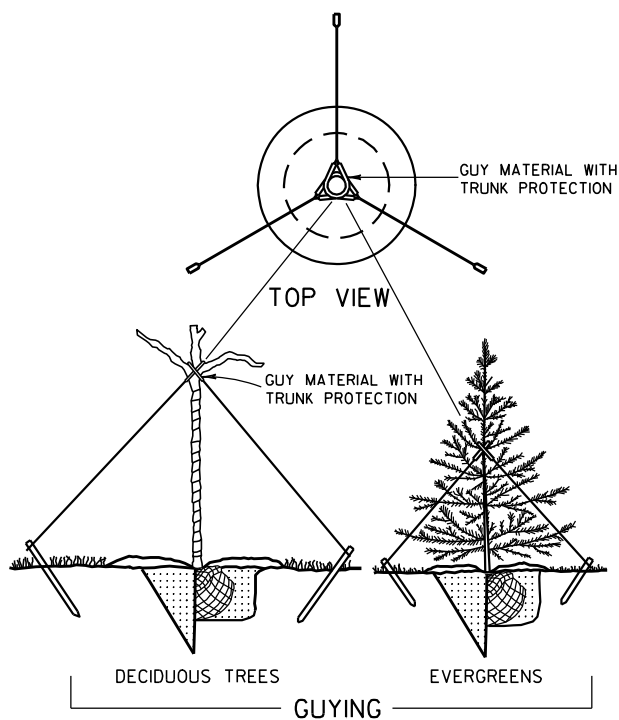


NOTE:
DRAINAGE SHAFT AS SPECIFIED ON PLANT DATA CHART

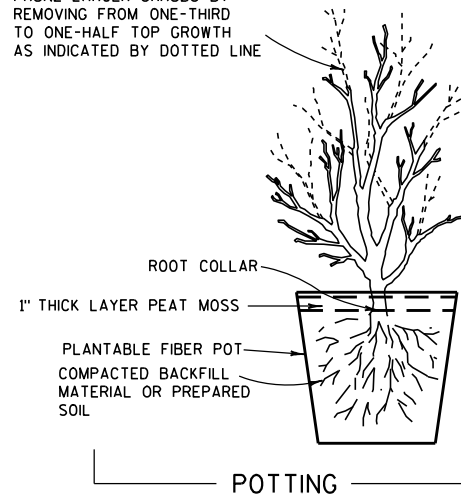
DRAINING



NOTE: BRACING STAKE
1) SHALL BE DRIVEN INTO THE GROUND AS CLOSE TO THE TREE AS POSSIBLE WITHOUT DAMAGING THE BRANCHES.
2) MAY BE DRIVEN AT SUCH AN ANGLE THAT IT DOES NOT PENETRATE THE BALL OR POT.
3) SHALL NOT PROTRUDE ABOVE THE TOP OF THE TREE; AND
4) SHALL HAVE A HOLE NEAR THE TOP TO HOLD THE WIRE IN PLACE.



PRUNE LARGER SHRUBS BY REMOVING FROM ONE-THIRD TO ONE-HALF TOP GROWTH AS INDICATED BY DOTTED LINE



NOTES

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

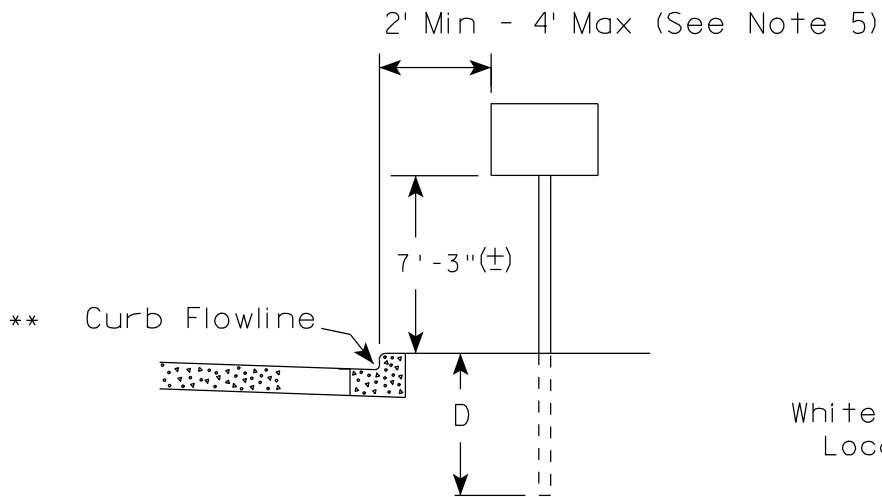
BRACING, WRAPPING, GUYING, RODENT PROTECTION, FERTILIZER AND MULCH SHALL BE USED ONLY WHEN SPECIFIED ON THE PLANT DATA CHART (PART OF PLAN) OR SPECIAL PROVISIONS.

TREE PLANTING DETAIL

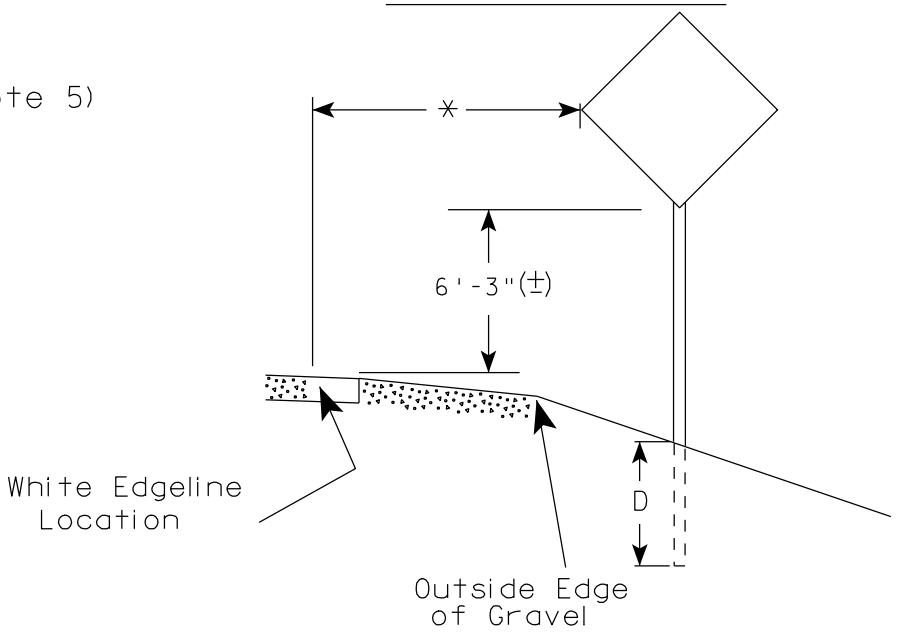
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/11/94 /S/ Rory L. Rhinesmith
DATE CHIEF METHODS DEVELOPMENT ENGINEER
FHWA

URBAN AREA



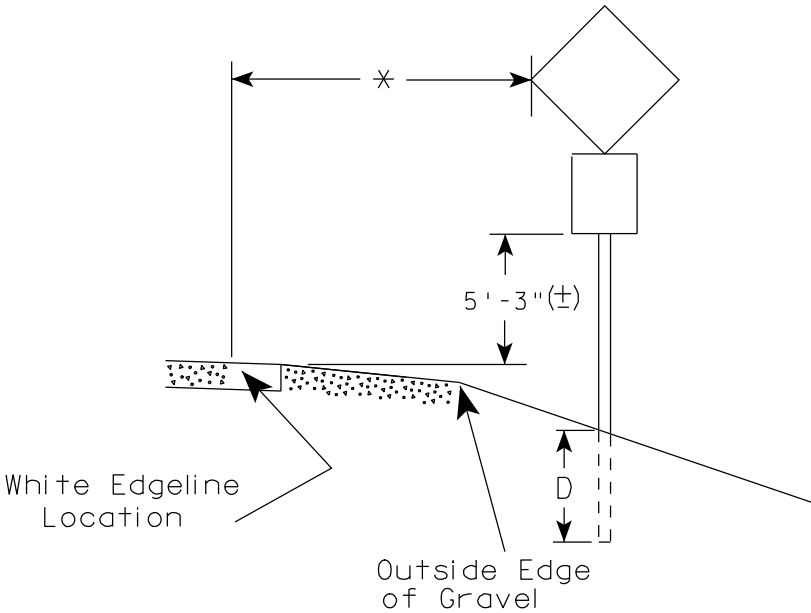
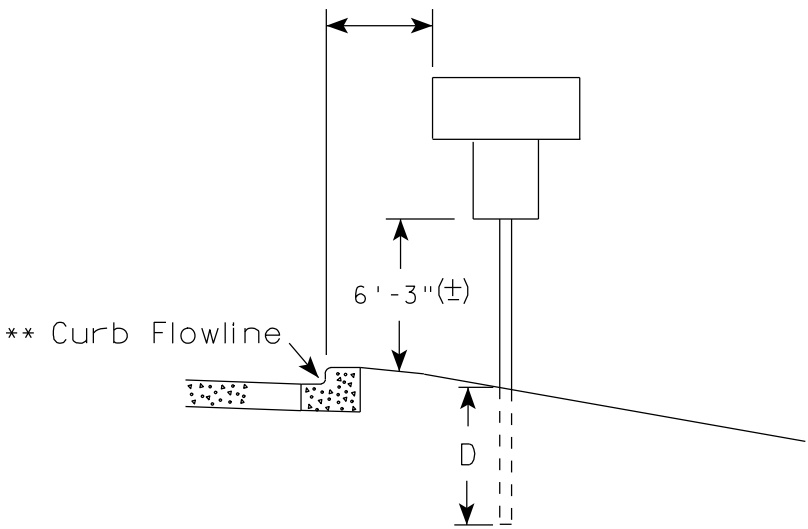
RURAL AREA (See Note 2)



GENERAL NOTES

1. Signs wider than 4 feet or larger than 20 sq. ft. shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on barrier wall, see A4-10 sign plate.
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for J assemblies (A4-5) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding stop signs (R1-1F) shall be mounted at a height of 5'-3" (±) or as directed by the Engineer.
9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series) & End of Road Markers (W5-56 & W5-56A) shall be mounted at a height of 4'-3" (±).

2' Min - 4' Max (See Note 5)



POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

✱✱ The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 9/21/2011 PLATE NO. A4-3.16

GENERAL NOTES

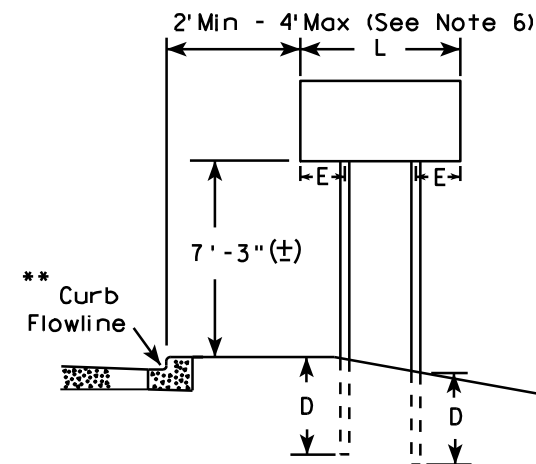
- For multiple post installations, individual post spacing shall be greater than 3'-6".
- See tables below for required number of posts.
- For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
- The (±) tolerance for mounting height is 3 inches.
- Minimum mounting height for J assemblies (A4-5) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
- Offset distance shall be consistent with existing signs or consistent throughout length of project.
- Folding stop signs (R1-1F) shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
- The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series) & End of Road Markers (W5-56 & W5-56A) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

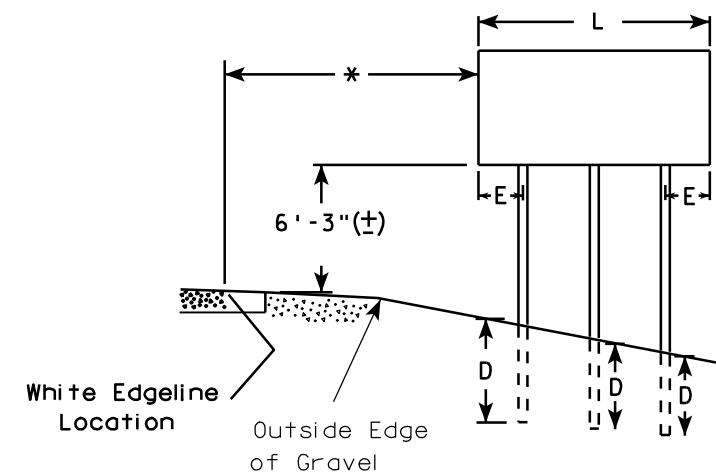
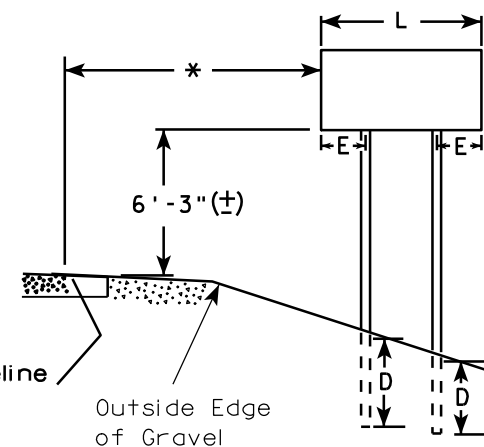
** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width or 20 S.F. or less in area.

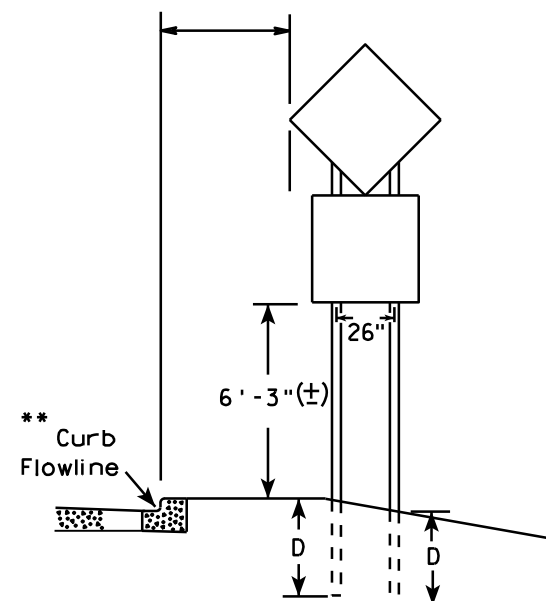
URBAN AREA



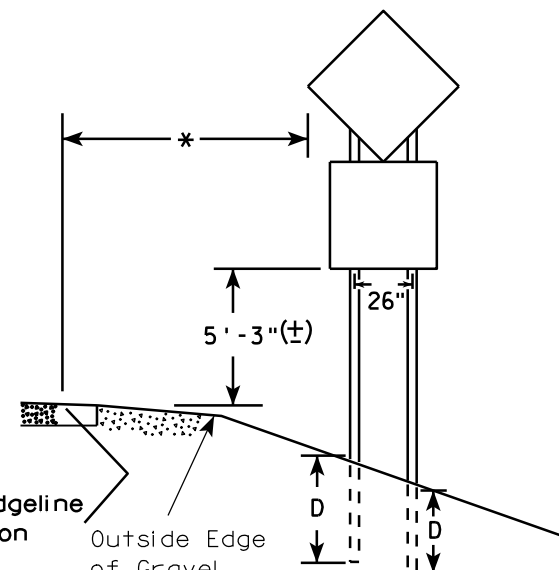
RURAL AREA (See Note 3)



2' Min - 4' Max (See Note 6)



48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
L	E
Greater than 48" Less than 60"	12"
60" to 120"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 120" less than 168"	12"

SIGN SHAPE OTHER THAN DIAMOND (FOUR POSTS REQUIRED)	
L	E
168" and greater	12"

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION
OF TYPE II SIGNS
ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 9/21/2011 PLATE NO. A4-4.11

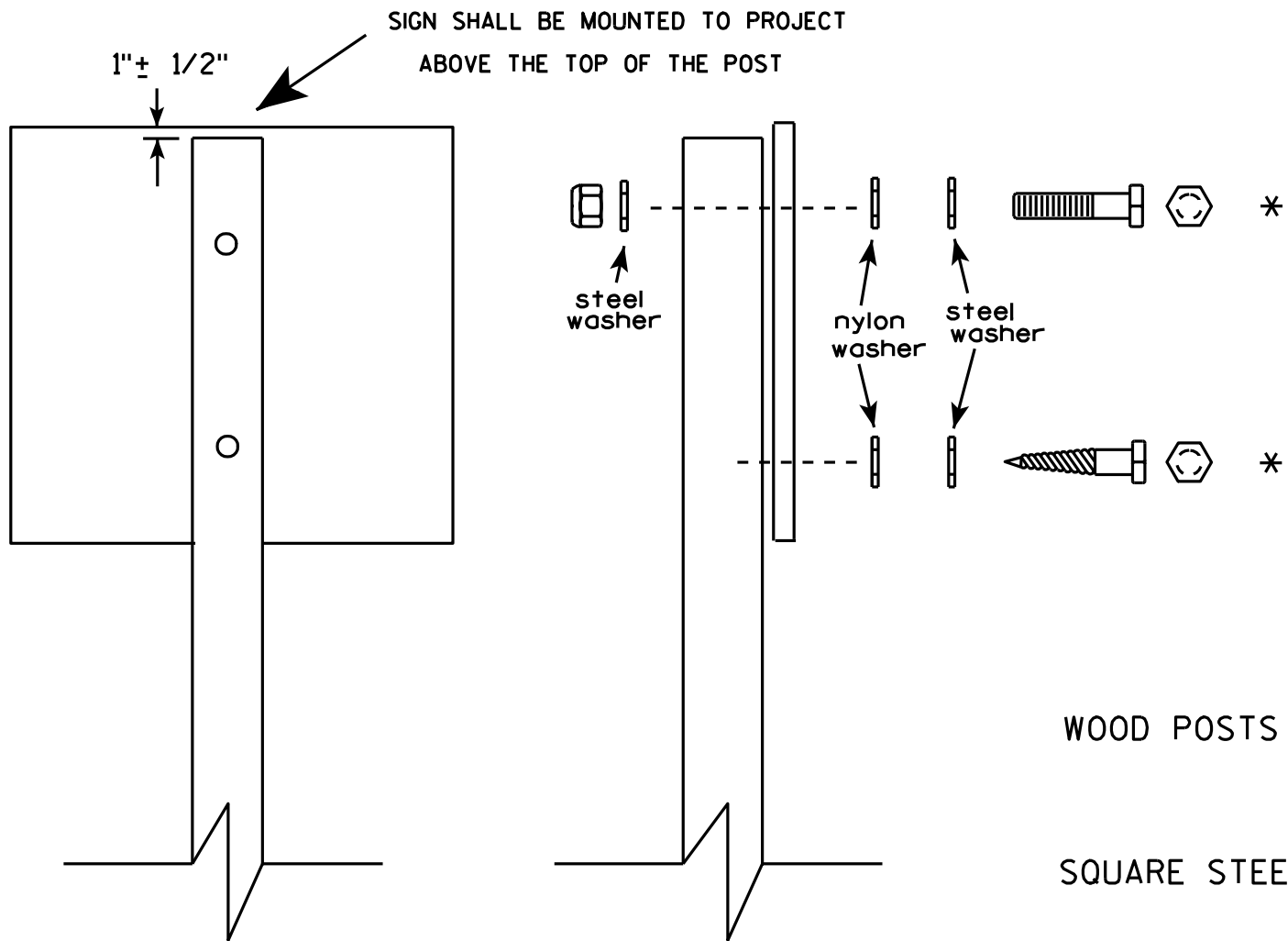
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

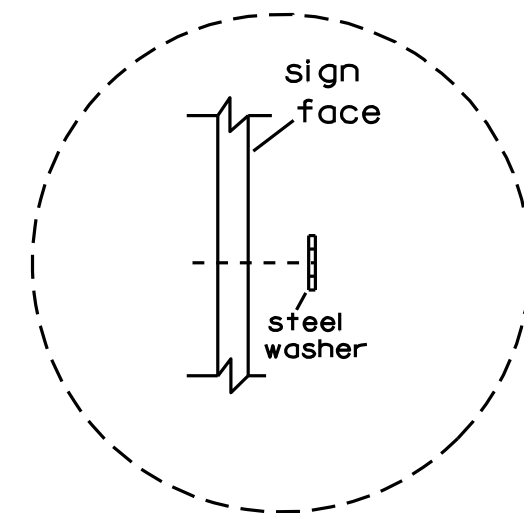


Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

- a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3
- b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

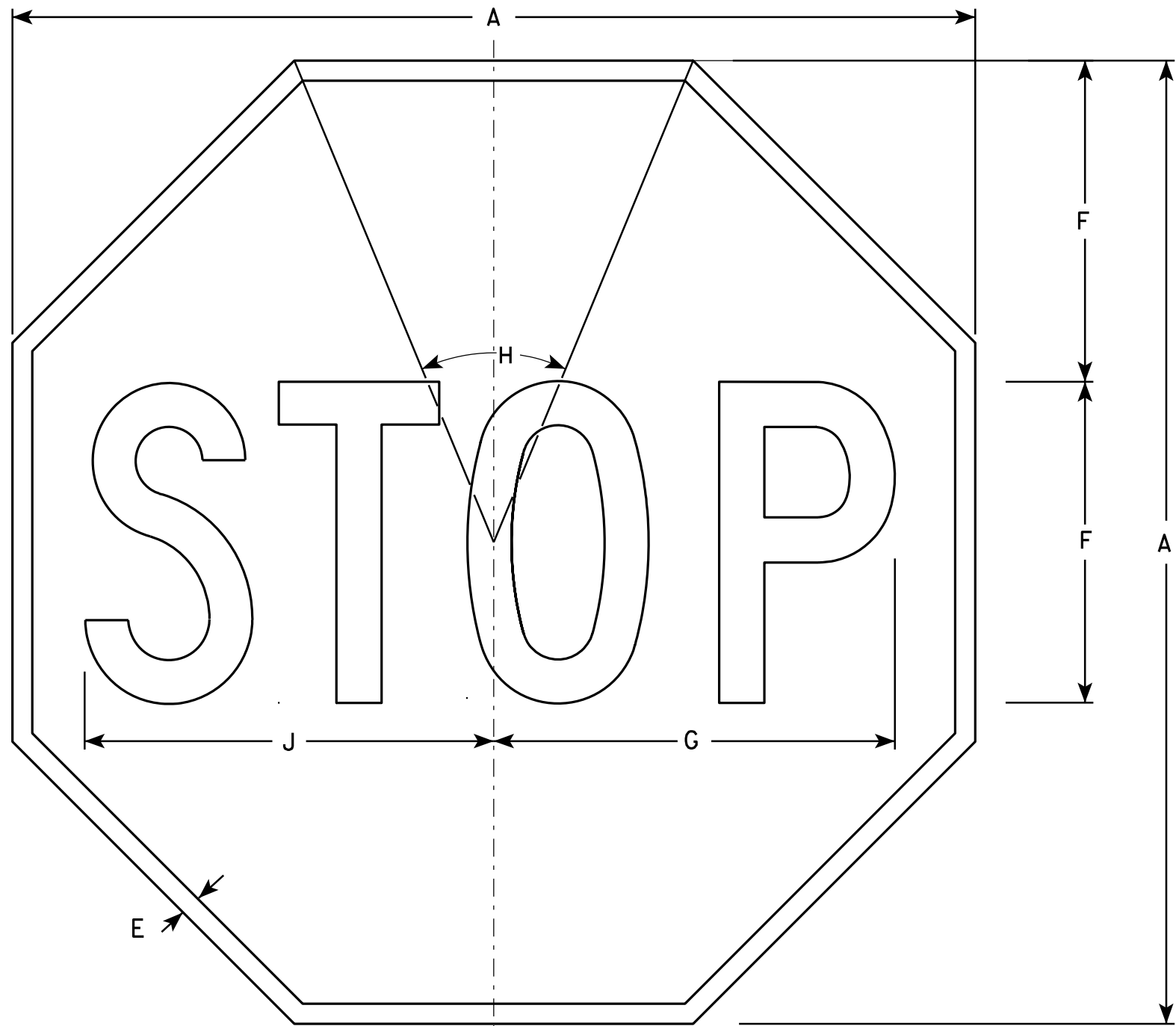
- WOOD POSTS (4" x 4" or 4" x 6")
LAG SCREWS - 3/8" X 3"
MACHINE BOLTS - 5/16" X 6-1/2" or 7" Length w/ nuts
- SQUARE STEEL POSTS (2" x 2")
MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts
RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH
- WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON for all Type H signs.



Washer Placement when Sign Has Other Than Type H or Type F Face

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> For State Traffic Engineer
DATE 3/23/10	PLATE NO. A4-8.7



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Red
Message - White
3. Message Series - C

R1-1

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24				3/8	8	10	45°		10 1/4																	3.31
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

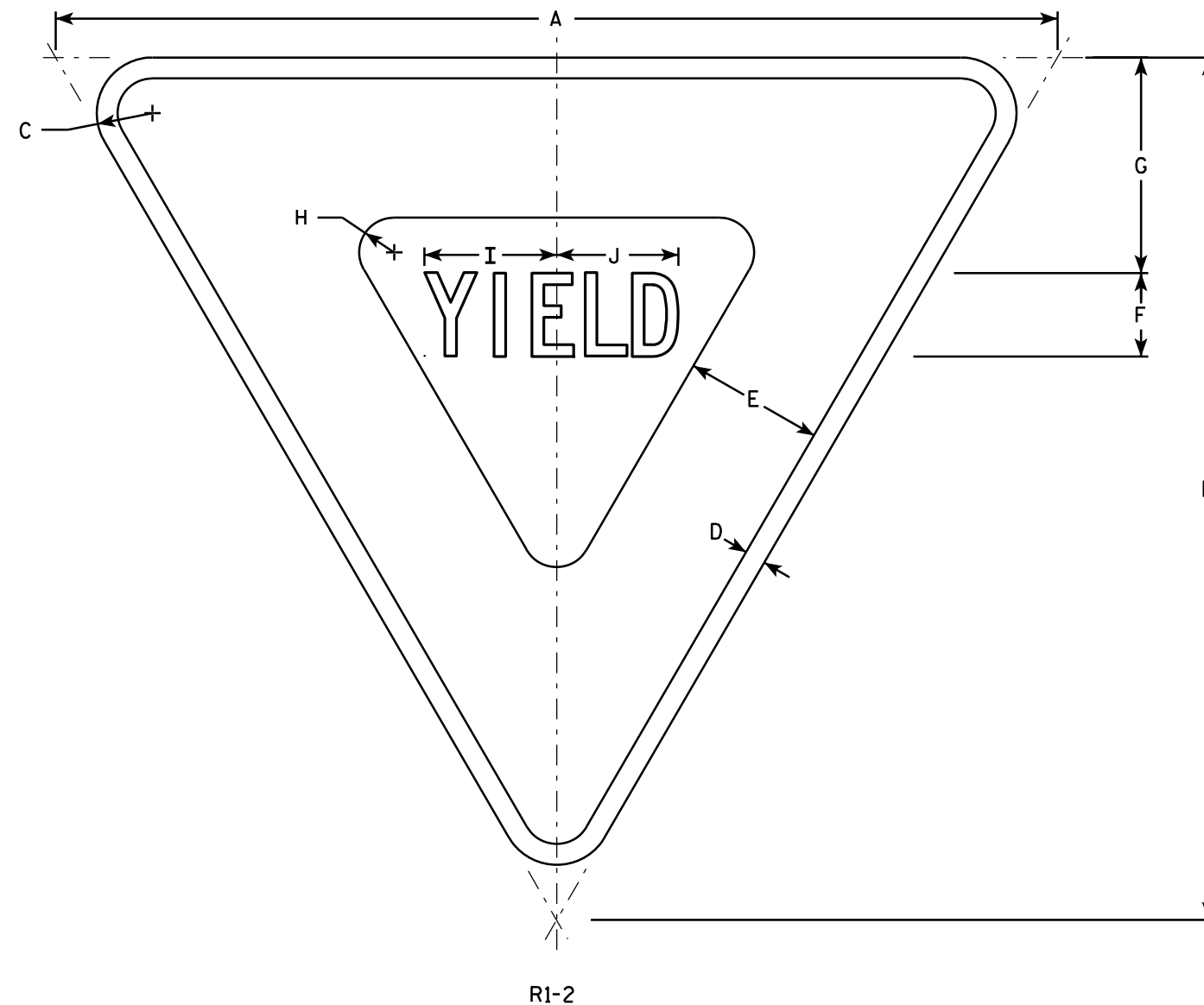
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1.12

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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NOTES

- Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
Background - White
Message - See note 5
- Message Series - C
- Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- The border strip and word message are reflectorized red.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	26	1 1/2	5/8	4	2 1/2	6 3/8	7/8	4	3 5/8																	2.71
2S	36	31	2	3/4	5	3	7 3/4	1 1/4	4 3/4	4 3/8																	3.88
2M	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
3	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
4	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
5	60	52	3	1 1/2	8	5	13	2 1/2	7 7/8	7 1/4																	10.83
6	24	21	1 1/2	3/8	3	2	4 3/4	7/8	3 1/4	3																	1.75
7	18	15 1/2	1	3/8	2 1/2	1 1/2	3 7/8	5/8	2 3/8	2 1/4																	0.97

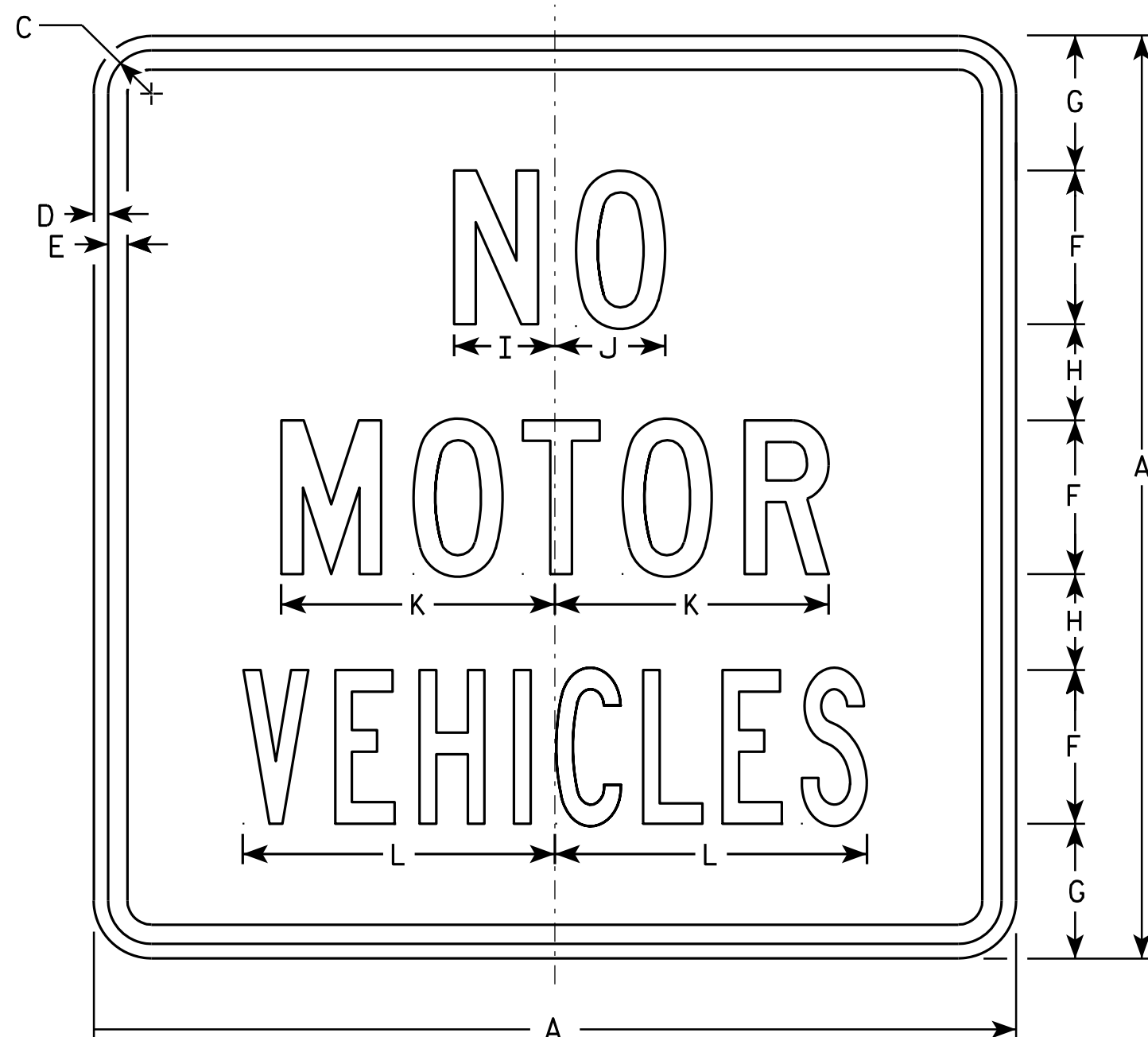
STANDARD SIGN R1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 11/02/10 PLATE NO. R1-2.11

PROJECT NO: HWY: COUNTY: SHEET NO: E



R5-3

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - White
Message - Black
3. Message Series - See Note 5.
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 & 2 are Series C.
Line 3 is Series B.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24		1 1/8	3/8	1/2	4	3 1/2	2 1/2	2 5/8	2 7/8	7 1/8	8 1/8															4.0
2M	24		1 1/8	3/8	1/2	4	3 1/2	2 1/2	2 5/8	2 7/8	7 1/8	8 1/8															4.0
3																											
4																											
5																											

STANDARD SIGN R5-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer
DATE 3/29/2011 PLATE NO. R5-3.2

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

Pamperin Park Multi-Use Trail (South of STH 29)

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate
			Cut	Fill	Cut	Fill	EBS	Structure Excavation	Cut	Fill	EBS	Structure Excavation	
43+42	AH	4341.79	0.00		15.93	0		0.00	0.00	0.00	0.00	0.00	0.00
43+50		4350	8.21		16.52	0		4.93	0.00	0.00	0.00	0.00	4.93
44+00		4400	50.00		10.19	0.31		24.73	0.29	0.00	0.00	0.00	29.38
44+50		4450	50.00		9.07	0.78		17.83	1.01	0.00	0.00	0.00	46.20
45+00		4500	50.00		12.82	0.41		20.27	1.10	0.00	0.00	0.00	65.37
45+50		4550	50.00		22.83	0		33.01	0.38	0.00	0.00	0.00	98.00
46+00		4600	50.00		25.2	0		44.47	0.00	0.00	0.00	0.00	142.47
46+50		4650	50.00		29.22	0		50.39	0.00	0.00	0.00	0.00	192.86
47+00		4700	50.00		18.13	0		43.84	0.00	0.00	0.00	0.00	236.70
47+50		4750	50.00		18.23	0		33.67	0.00	0.00	0.00	0.00	270.37
48+00		4800	50.00		8.3	1.23		24.56	1.14	0.00	0.00	0.00	293.79
48+50		4850	50.00		14.33	0.11		20.95	1.24	0.00	0.00	0.00	313.51
49+00		4900	50.00		20.28	0		32.05	0.10	0.00	0.00	0.00	345.45
49+50		4950	50.00		19.43	0.07		36.77	0.06	0.00	0.00	0.00	382.16
50+00		5000	50.00		27.61	0		43.56	0.06	0.00	0.00	0.00	425.65
50+50		5050	50.00		27.39	0		50.93	0.00	0.00	0.00	0.00	476.57
51+00	BK	5100	50.00		11.42	1.85		35.94	1.71	0.00	0.00	0.00	510.79
					517.90	7.10	0.00	0.00					

Pamperin Park Multi-Use Trail (North of STH 29)

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate	
			Cut	Fill	Cut	Fill	EBS	Structure Excavation	Cut	Fill	EBS	Structure Excavation		
54+90	AH	5490	0.00	13.16	0.03	0.00	0.00	0.00	0.00	517.90	7.10	0.00	0.00	510.79
55+00		5500	10.00	14.08	0.98	5.04	0.19	0.00	0.00	522.94	7.29	0.00	0.00	515.65
55+50		5550	50.00	12.12	0.66	24.26	1.52	0.00	0.00	547.20	8.81	0.00	0.00	538.39
56+00		5600	50.00	6.64	1.53	17.37	2.03	0.00	0.00	564.57	10.84	0.00	0.00	553.74
56+50		5650	50.00	1.36	4.68	7.41	5.75	0.00	0.00	571.98	16.59	0.00	0.00	555.39
57+00		5700	50.00	0	17.65	1.26	20.68	0.00	0.00	573.24	37.26	0.00	0.00	535.98
57+50		5750	50.00	0	22.46	0.00	37.14	0.00	0.00	573.24	74.40	0.00	0.00	498.84
58+00		5800	50.00	0	18.62	0.00	38.04	0.00	0.00	573.24	112.44	0.00	0.00	460.80
58+50		5850	50.00	1.02	5.53	0.94	22.36	0.00	0.00	574.18	134.80	0.00	0.00	439.38
59+00		5900	50.00	1.78	6.01	2.59	10.69	0.00	0.00	576.77	145.48	0.00	0.00	431.29
59+50		5950	50.00	2.49	4.62	3.95	9.84	0.00	0.00	580.73	155.33	0.00	0.00	425.40
60+00		6000	50.00	2.22	6.97	4.36	10.73	0.00	0.00	585.09	166.06	0.00	0.00	419.03
60+50		6050	50.00	5.25	4.09	6.92	10.24	0.00	0.00	592.01	176.30	0.00	0.00	415.71
61+00		6100	50.00	4.02	4.71	8.58	8.15	0.00	0.00	600.59	184.45	0.00	0.00	416.14
61+50		6150	50.00	8.39	4.58	11.49	8.60	0.00	0.00	612.08	193.05	0.00	0.00	419.03
62+00		6200	50.00	6.29	5.99	13.59	9.79	0.00	0.00	625.67	202.84	0.00	0.00	422.84
62+50		6250	50.00	3.81	8.48	9.35	13.40	0.00	0.00	635.02	216.23	0.00	0.00	418.79
63+00		6300	50.00	5.4	2.87	8.53	10.51	0.00	0.00	643.55	226.74	0.00	0.00	416.81
63+50		6350	50.00	15.77	0.16	19.60	2.81	0.00	0.00	663.15	229.55	0.00	0.00	433.61
64+00		6400	50.00	13.05	0.45	26.69	0.56	0.00	0.00	689.84	230.11	0.00	0.00	459.73
64+50		6450	50.00	2.62	2.83	14.51	3.04	0.00	0.00	704.35	233.15	0.00	0.00	471.20
65+00		6500	50.00	0	25.69	2.43	26.41	0.00	0.00	706.77	259.56	0.00	0.00	447.22
65+50		6550	50.00	0	49.04	0.00	69.19	0.00	0.00	706.77	328.75	0.00	0.00	378.02
66+00		6600	50.00	10.46	2.91	9.69	48.10	0.00	0.00	716.46	376.85	0.00	0.00	339.61
66+33	BK	6632.81	32.81	19.9	0	18.45	1.77	0.00	0.00	734.91	378.62	0.00	0.00	356.28
						217.01	371.52	0.00	0.00					

Bike Path Connection

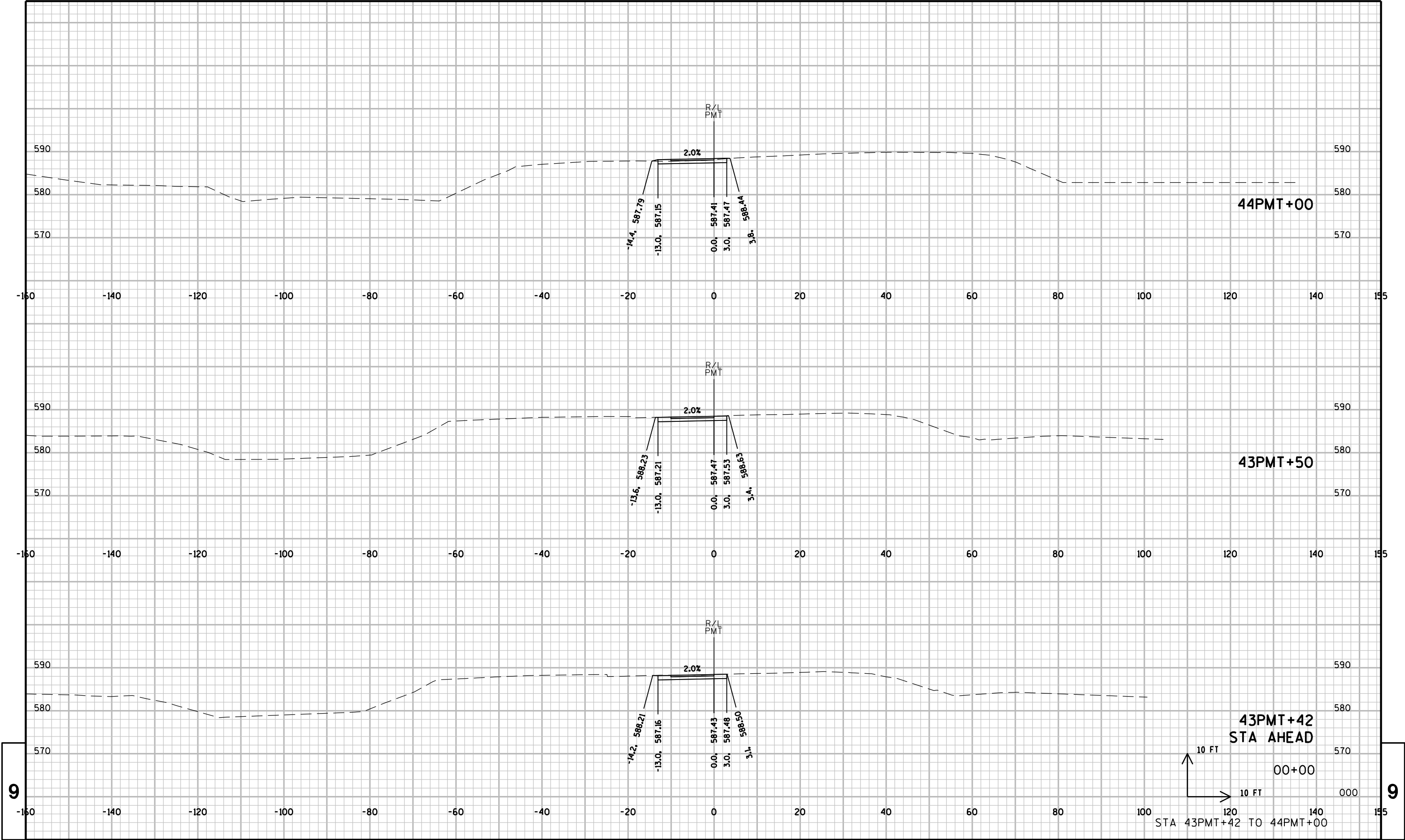
STATION	Real Station		Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate
				Cut	Fill	Cut	Fill	EBS	Structure Excavation	Cut	Fill	EBS	Structure Excavation	
01+25	AH	125	0.00	10.04	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01+50		150	25.00	11.66	0	10.05	0.00	0.00	0.00	10.05	0.00	0.00	0.00	10.05
01+78	BK	178.35	28.35	11.79	0	12.31	0.00	0.00	0.00	22.36	0.00	0.00	0.00	22.36
						22.36	0.00	0.00	0.00					

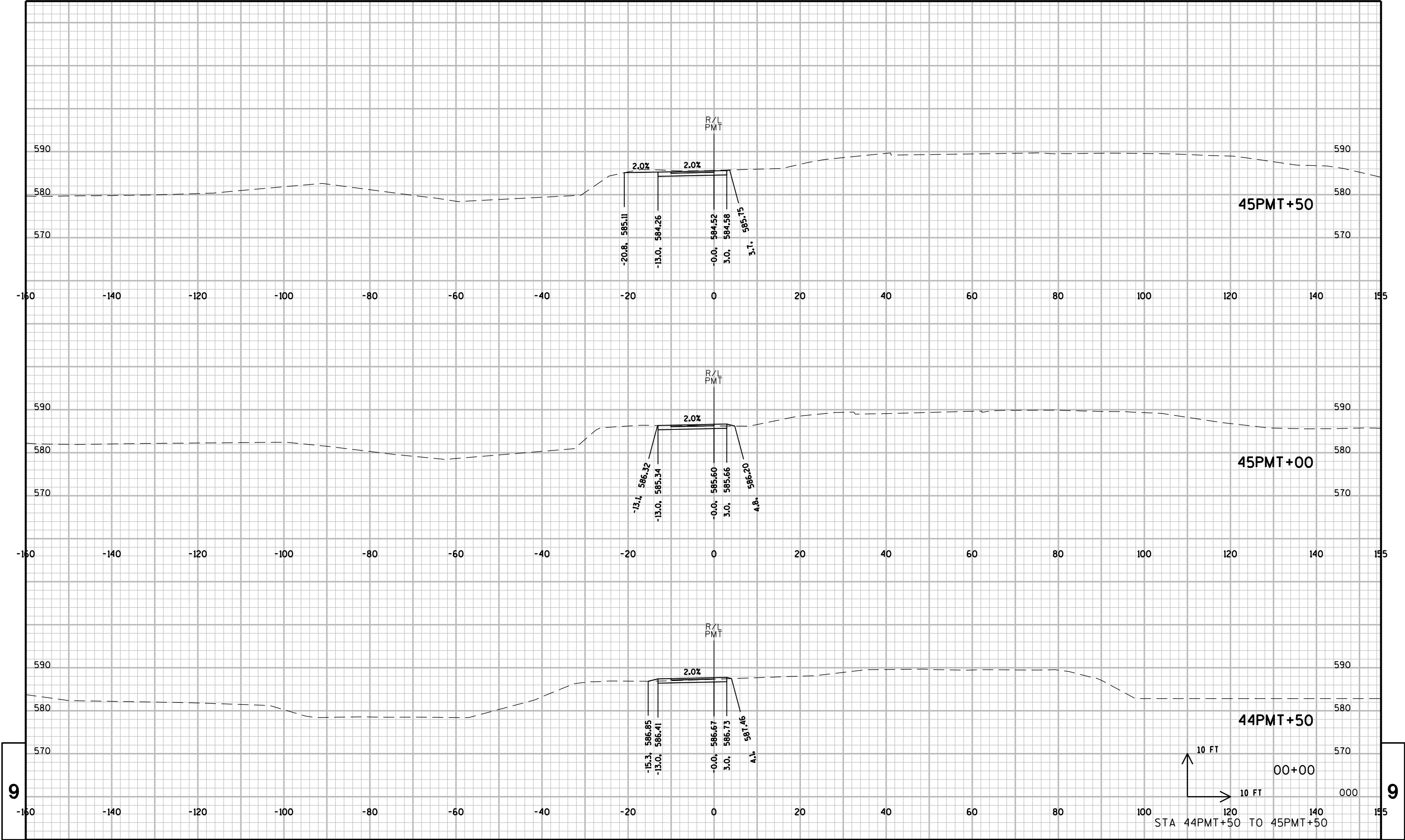
Packerland Drive Multi-Modal Path

STATION	Real Station		Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate
				Cut	Fill	Cut	Fill	EBS	Structure Excavation	Cut	Fill	EBS	Structure Excavation	
10+44	AH	1043.68	0.00	11.21	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10+50		1050	6.32	16.16	1.05	3.20	0.23	0.00	0.00	3.20	0.23	0.00	0.00	2.97
11+00		1100	50.00	4.22	5.98	18.87	6.51	0.00	0.00	22.07	6.74	0.00	0.00	15.34
11+50		1150	50.00	0	31.87	3.91	35.05	0.00	0.00	25.98	41.78	0.00	0.00	-15.80
12+00		1200	50.00	4.08	4.7	3.78	33.86	0.00	0.00	29.76	75.65	0.00	0.00	-45.89
12+50		1250	50.00	0.03	39.5	3.81	40.93	0.00	0.00	33.56	116.57	0.00	0.00	-83.01
13+00		1300	50.00	7.84	6.37	7.29	42.47	0.00	0.00	40.85	159.04	0.00	0.00	-118.19
13+50		1350	50.00	28.06	1.78	33.24	7.55	0.00	0.00	74.09	166.59	0.00	0.00	-92.50
13+66	BK	1366.29	16.29	22.13	4.95	15.14	2.03	0.00	0.00	89.23	168.62	0.00	0.00	-79.39
						89.23	168.62	0.00	0.00					

Berm

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate
			Cut	Fill	Cut	Fill	EBS	Structure Excavation	Cut	Fill	EBS	Structure Excavation	
00B+25	25.00	0.00	3.64	5.90	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
00B+40	40.00	15.00	0.85	77.51	1.25	23.17	0.00	0.00	1.25	23.17	0.00	0.00	-21.92
00B+60	60.00	20.00	2.28	74.88	1.16	56.44	0.00	0.00	2.41	79.61	0.00	0.00	-77.20
00B+80	80.00	20.00	1.80	112.51	1.51	69.40	0.00	0.00	3.92	149.01	0.00	0.00	-145.09
01B+00	100.00	20.00	0.42	147.41	0.82	96.27	0.00	0.00	4.74	245.28	0.00	0.00	-240.54
01B+20	120.00	20.00	1.51	154.16	0.71	111.69	0.00	0.00	5.46	356.97	0.00	0.00	-351.52
01B+40	140.00	20.00	2.31	146.27	1.41	111.27	0.00	0.00	6.87	468.25	0.00	0.00	-461.38
01B+60	160.00	20.00	2.40	123.99	1.74	100.10	0.00	0.00	8.61	568.35	0.00	0.00	-559.73
01B+80	180.00	20.00	1.86	93.85	1.58	80.68	0.00	0.00	10.19	649.03	0.00	0.00	-638.84
02B+00	200.00	20.00	1.05	105.92	1.08	73.99	0.00	0.00	11.27	723.02	0.00	0.00	-711.75
02B+20	220.00	20.00	1.17	139.69	0.82	90.97	0.00	0.00	12.09	813.98	0.00	0.00	-801.90
02B+40	240.00	20.00	1.47	158.01	0.98	110.26	0.00	0.00	13.06	924.24	0.00	0.00	-911.18
02B+60	260.00	20.00	1.90	161.50	1.25	118.34	0.00	0.00	14.31	1042.58	0.00	0.00	-1028.27
02B+80	280.00	20.00	2.26	157.11	1.54	118.01	0.00	0.00	15.86	1160.59	0.00	0.00	-1144.73
03B+00	300.00	20.00	2.24	143.53	1.67	111.35	0.00	0.00	17.52	1271.94	0.00	0.00	-1254.42
03B+20	320.00	20.00	1.85	43.52	1.52	69.28	0.00	0.00	19.04	1341.22	0.00	0.00	-1322.18
03B+25	325.00	5.00	3.22	1.31	0.47	4.15	0.00	0.00	19.51	1345.37	0.00	0.00	-1325.86
					19.51	1345.37	0.00	0.00					





PROJECT NO: 9202-08-78

HWY: STH 29

COUNTY: BROWN

CROSS SECTIONS: PAMPERIN PARK MULTI-USE TRAIL

SHEET

E

FILE NAME : I:\50142\C5-13-02\1\cds\090201_xs_PMT.dgn

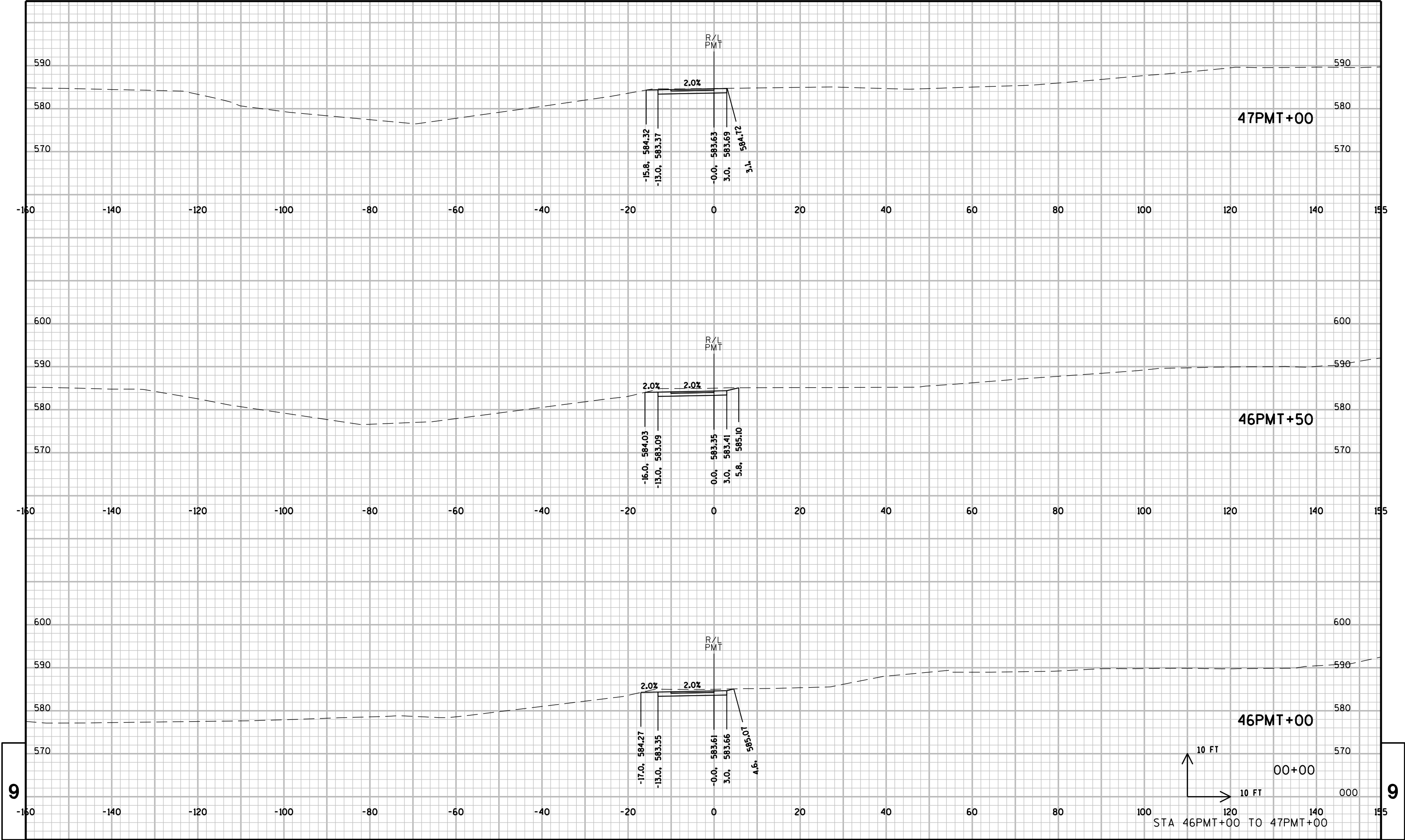
PLOT DATE : 1/28/2013

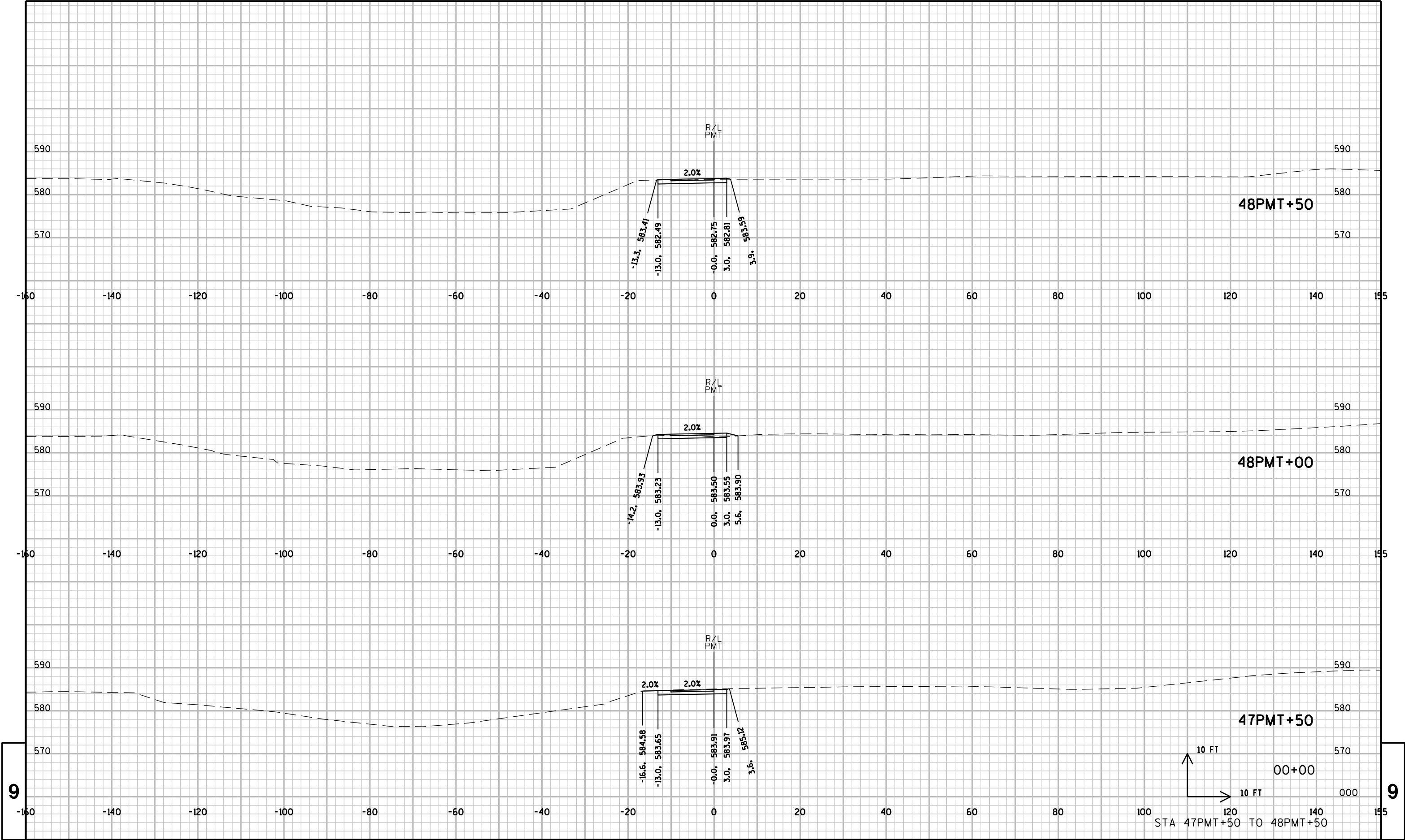
PLOT BY : dbaumann

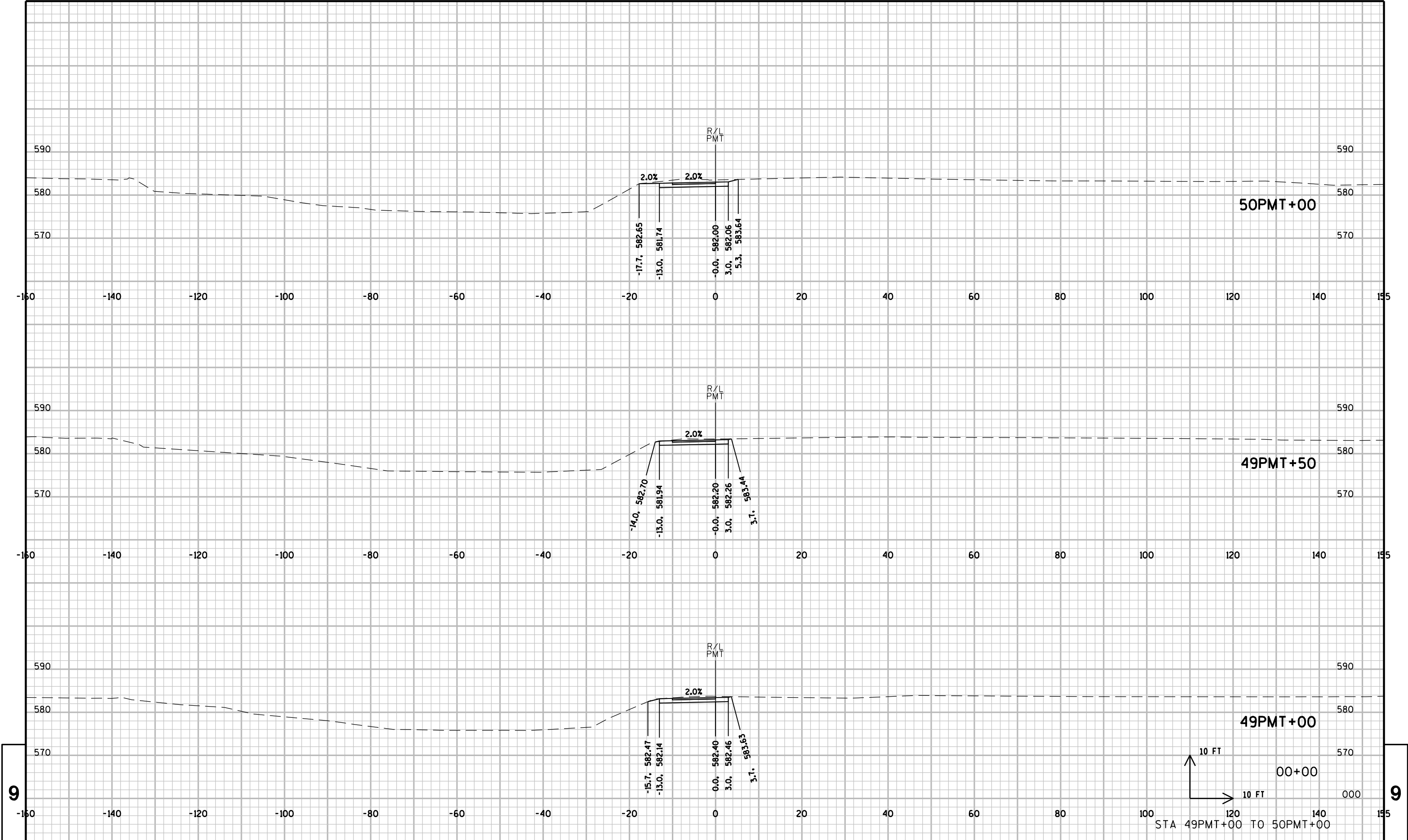
PLOT NAME : \$FILE\$

PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21







PROJECT NO: 9202-08-78

HWY: STH 29

COUNTY: BROWN

CROSS SECTIONS: PAMPERIN PARK MULTI-USE TRAIL

SHEET

E

FILE NAME : I:\50142\C5-13-02\1\cds\090201_xs_PMT.dgn

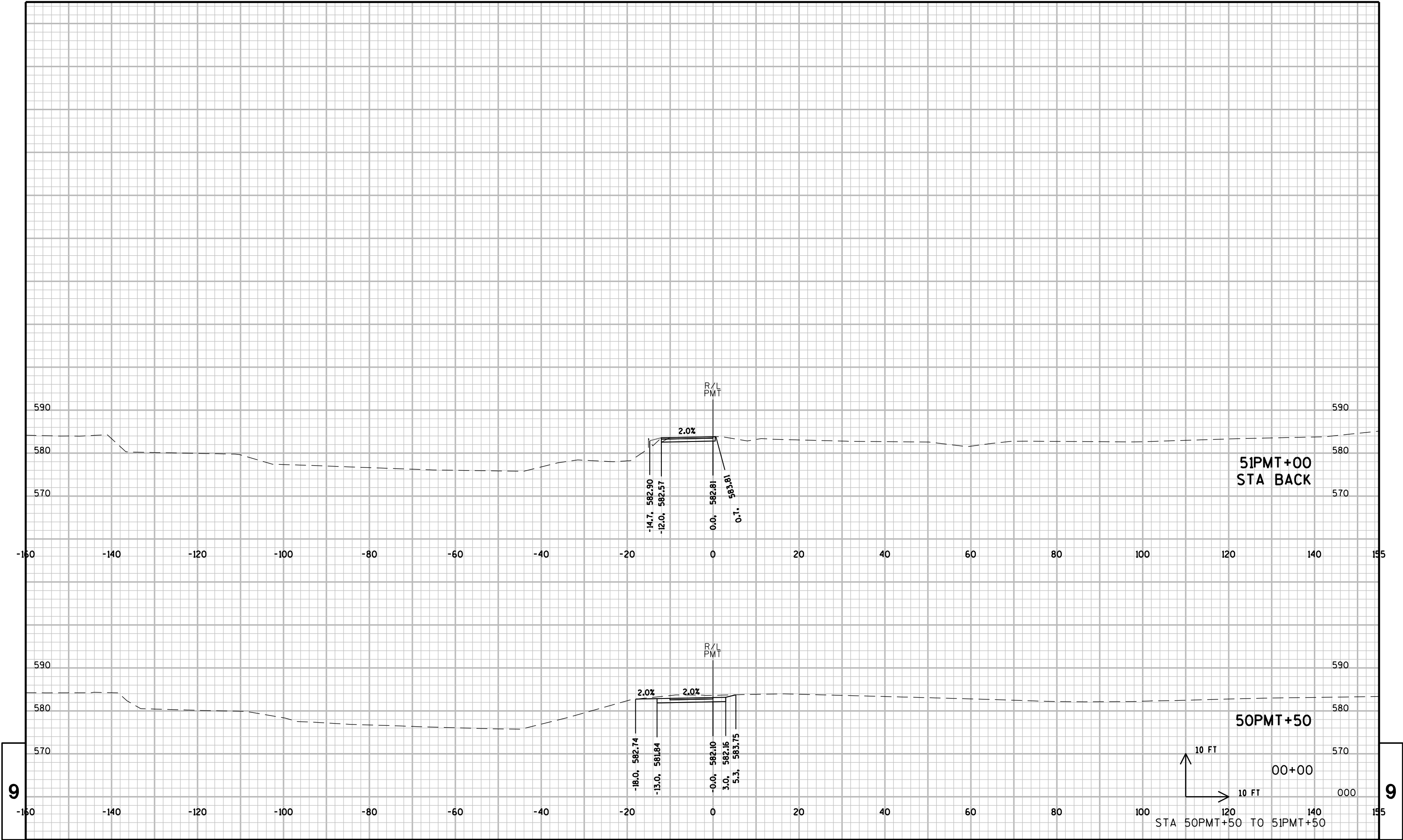
PLOT DATE : 1/28/2013

PLOT BY : dbaumann

PLOT NAME : \$FILE\$

PLOT SCALE : 20:1

WISDOT/CADDs SHEET 21



PROJECT NO: 9202-08-78

HWY: STH 29

COUNTY: BROWN

CROSS SECTIONS: PAMPERIN PARK MULTI-USE TRAIL

SHEET

E

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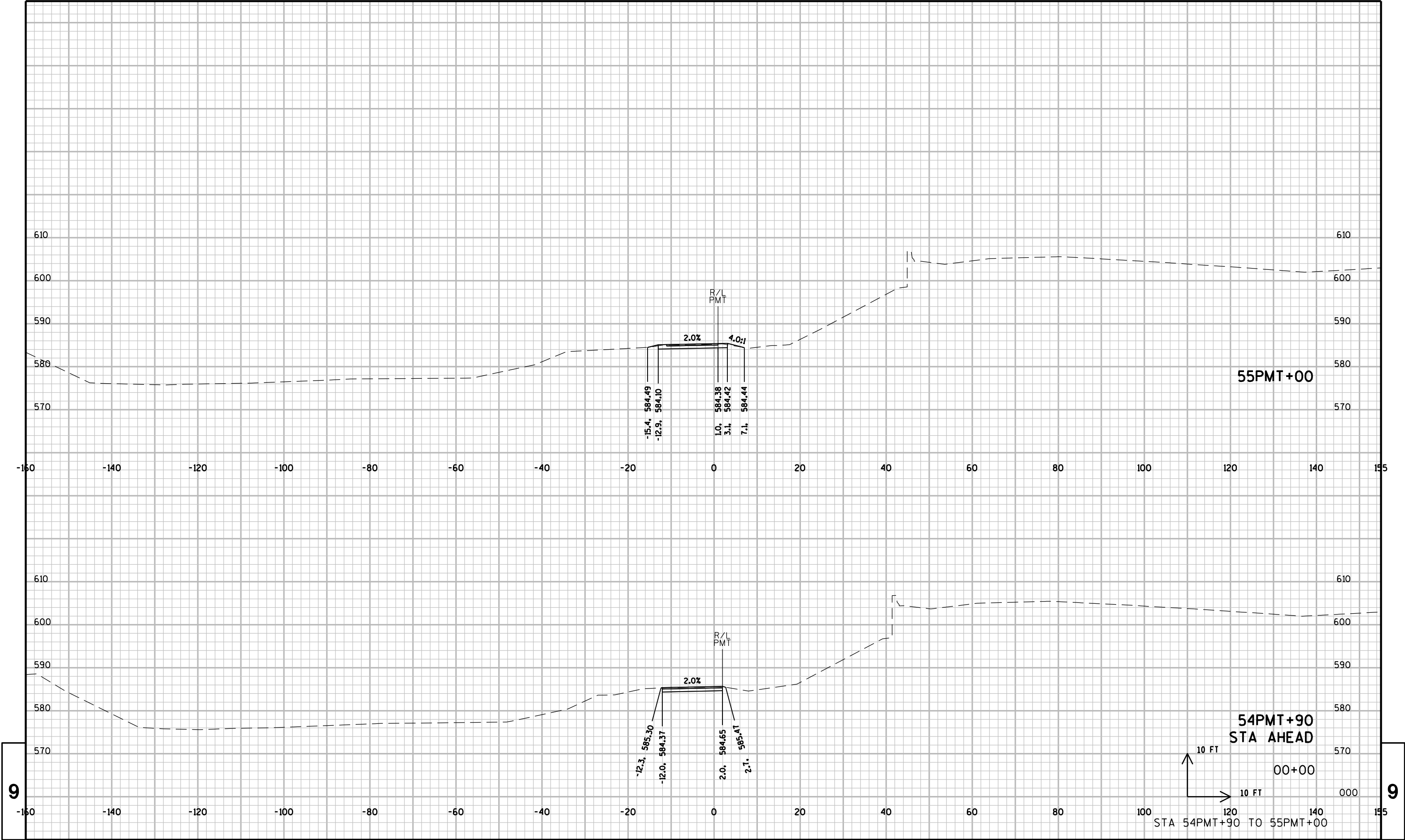
PLOT DATE : 1/28/2013

PLOT BY : dbaumann

PLOT NAME : \$FILE\$

PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21



PROJECT NO: 9202-08-78

HWY: STH 29

COUNTY: BROWN

CROSS SECTIONS: PAMPERIN PARK MULTI-USE TRAIL

SHEET

E

FILE NAME : I:\50142\C5-13-02\1\cds\090201_xs_PMT.dgn

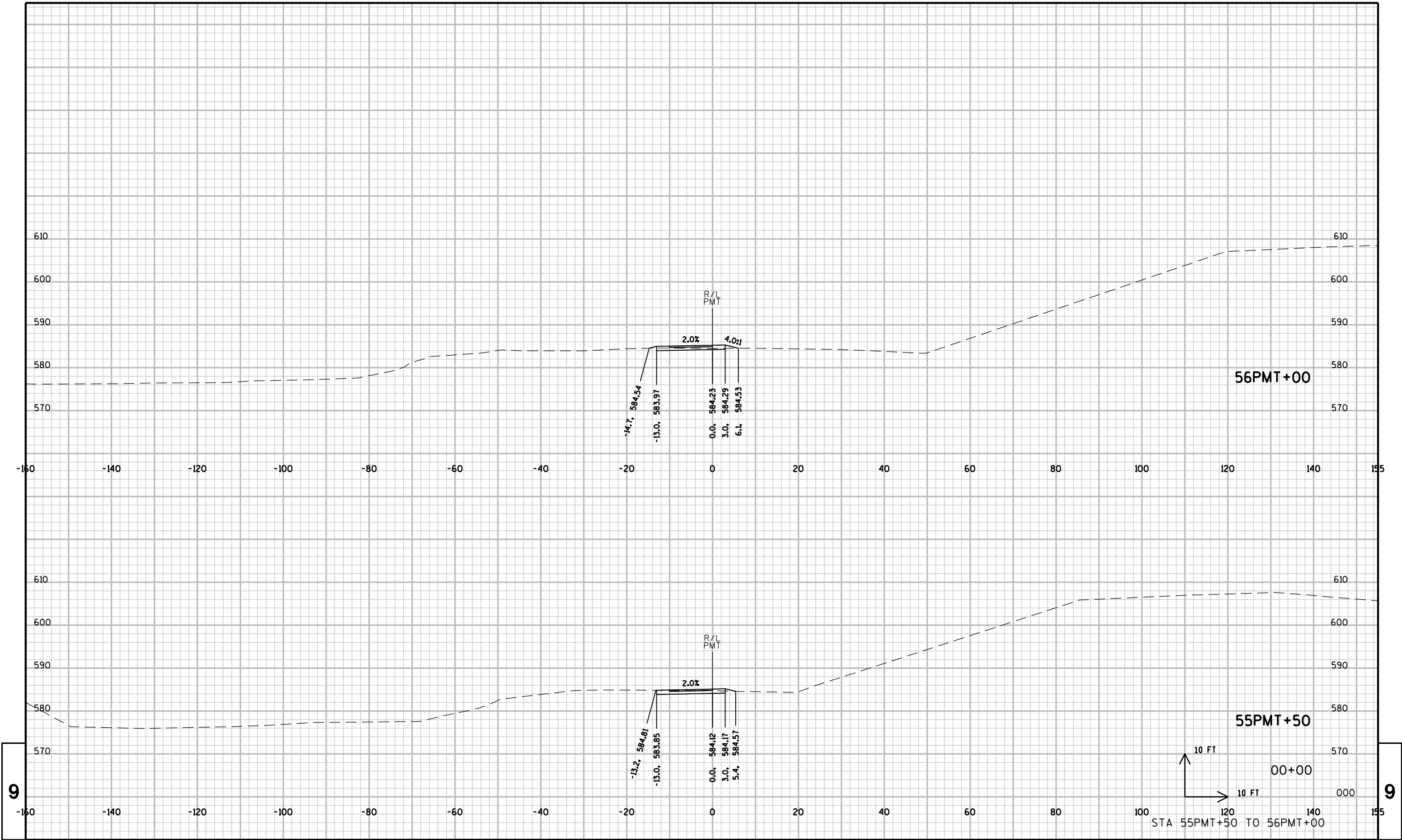
PLOT DATE : 1/28/2013

PLOT BY : dbaumann

PLOT NAME : \$FILE\$

PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21



PROJECT NO: 9202-08-78

HWY: STH 29

COUNTY: BROWN

CROSS SECTIONS: PAMPERIN PARK MULTI-USE TRAIL

SHEET

E

FILE NAME : I:\50142\C5-13-02\1\cds\090201_xs_PMT.dgn

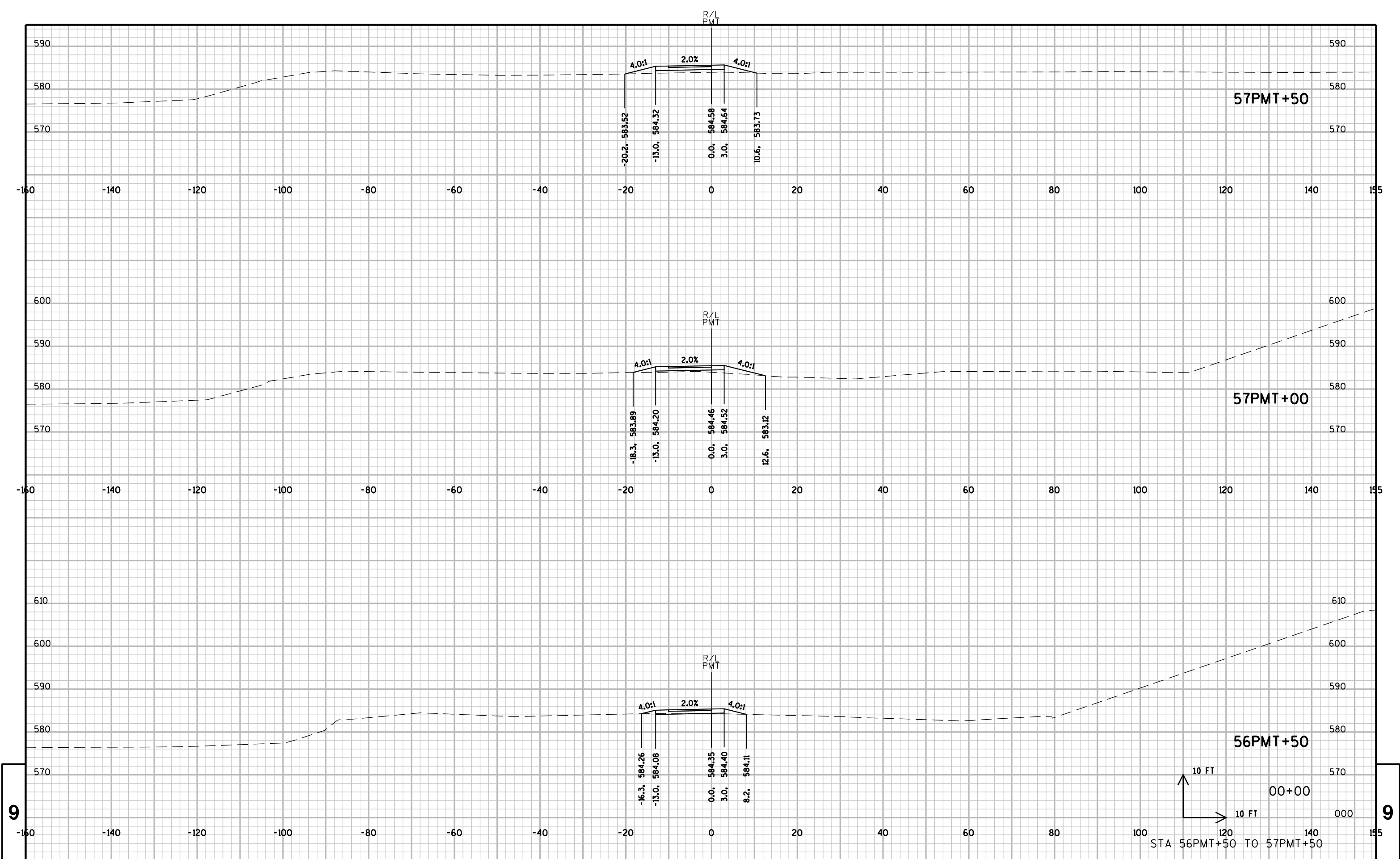
PLOT DATE : 1/28/2013

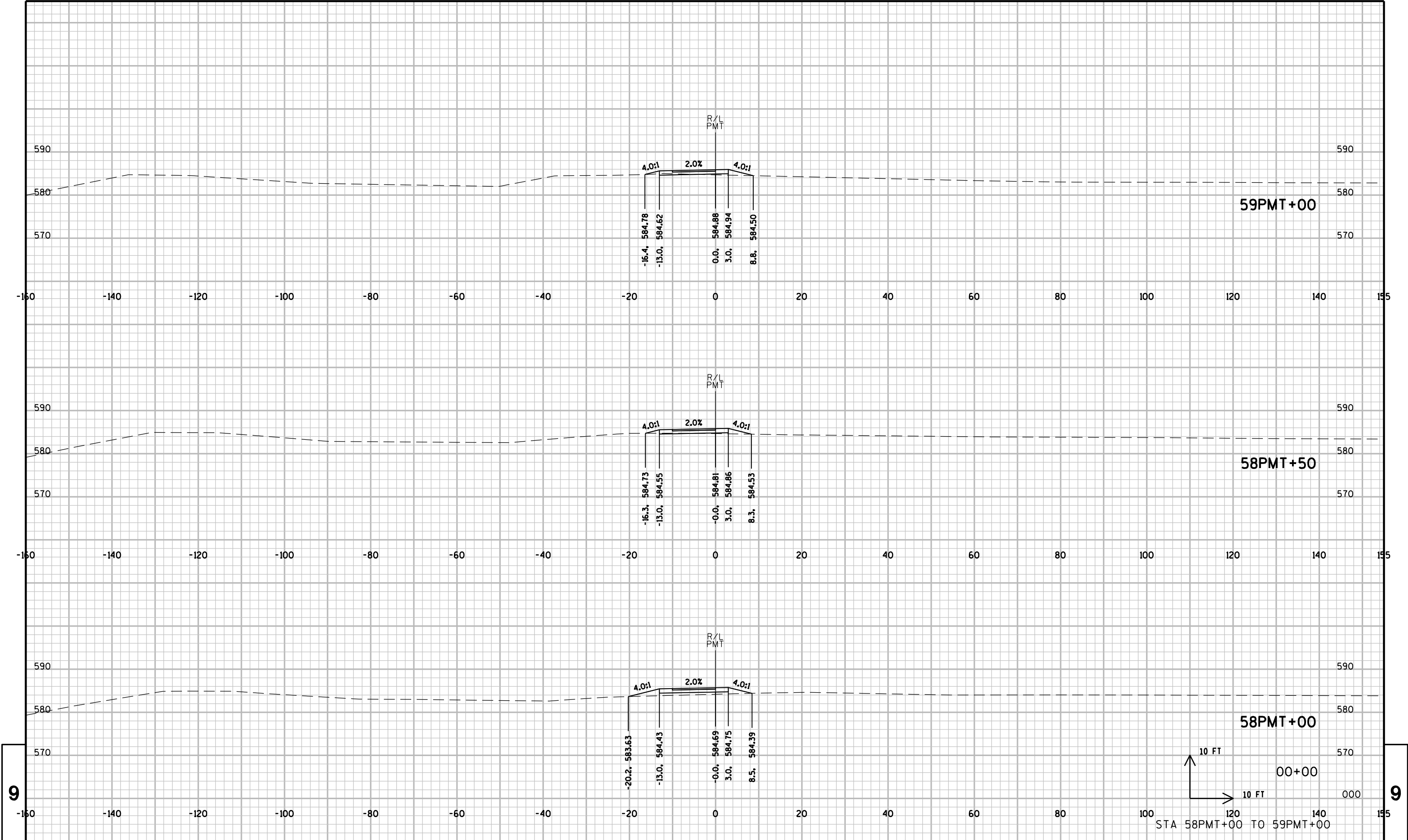
PLOT BY : dbaumann

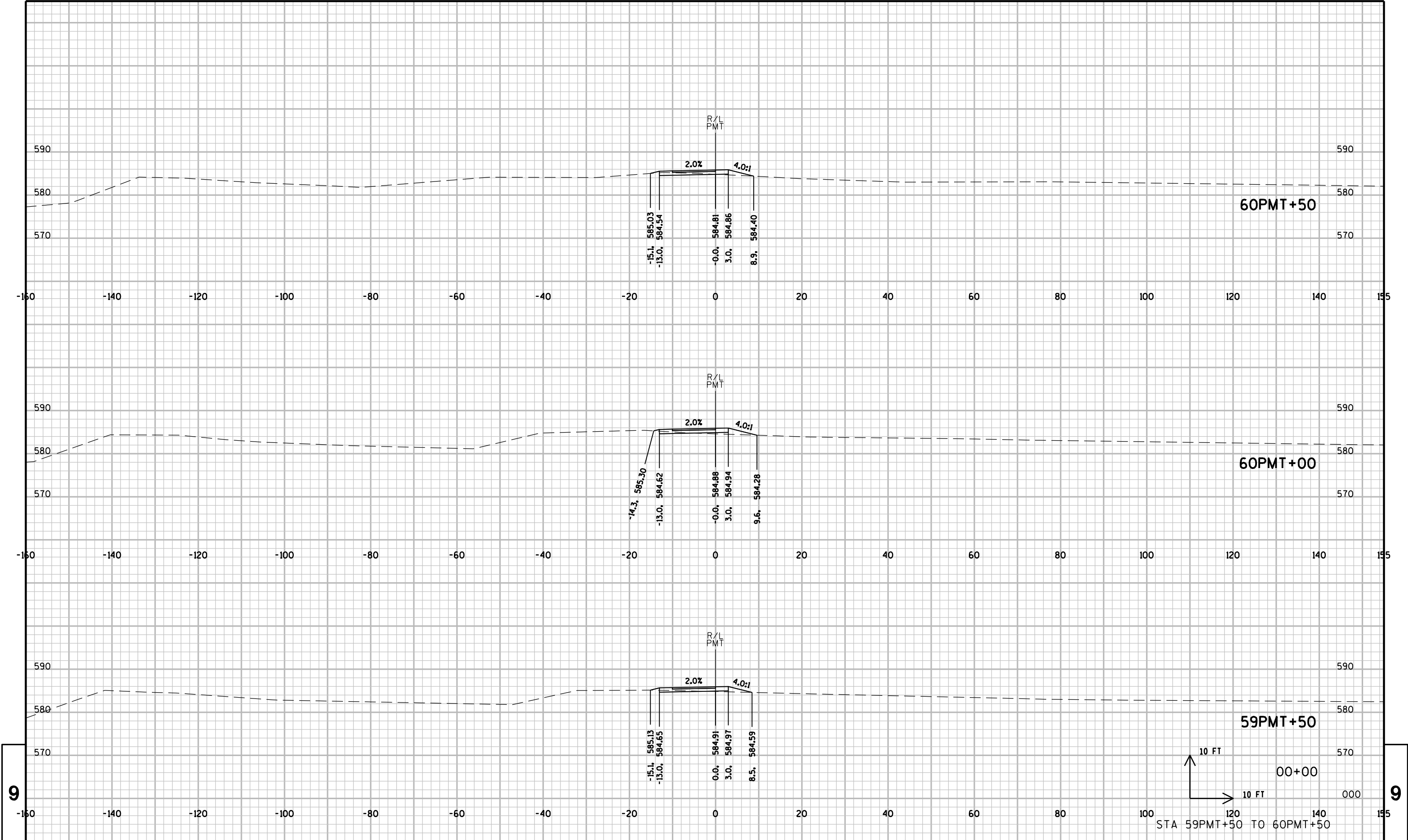
PLOT NAME : \$FILE\$

PLOT SCALE : 20:1

WISDOT/CADDs SHEET 21

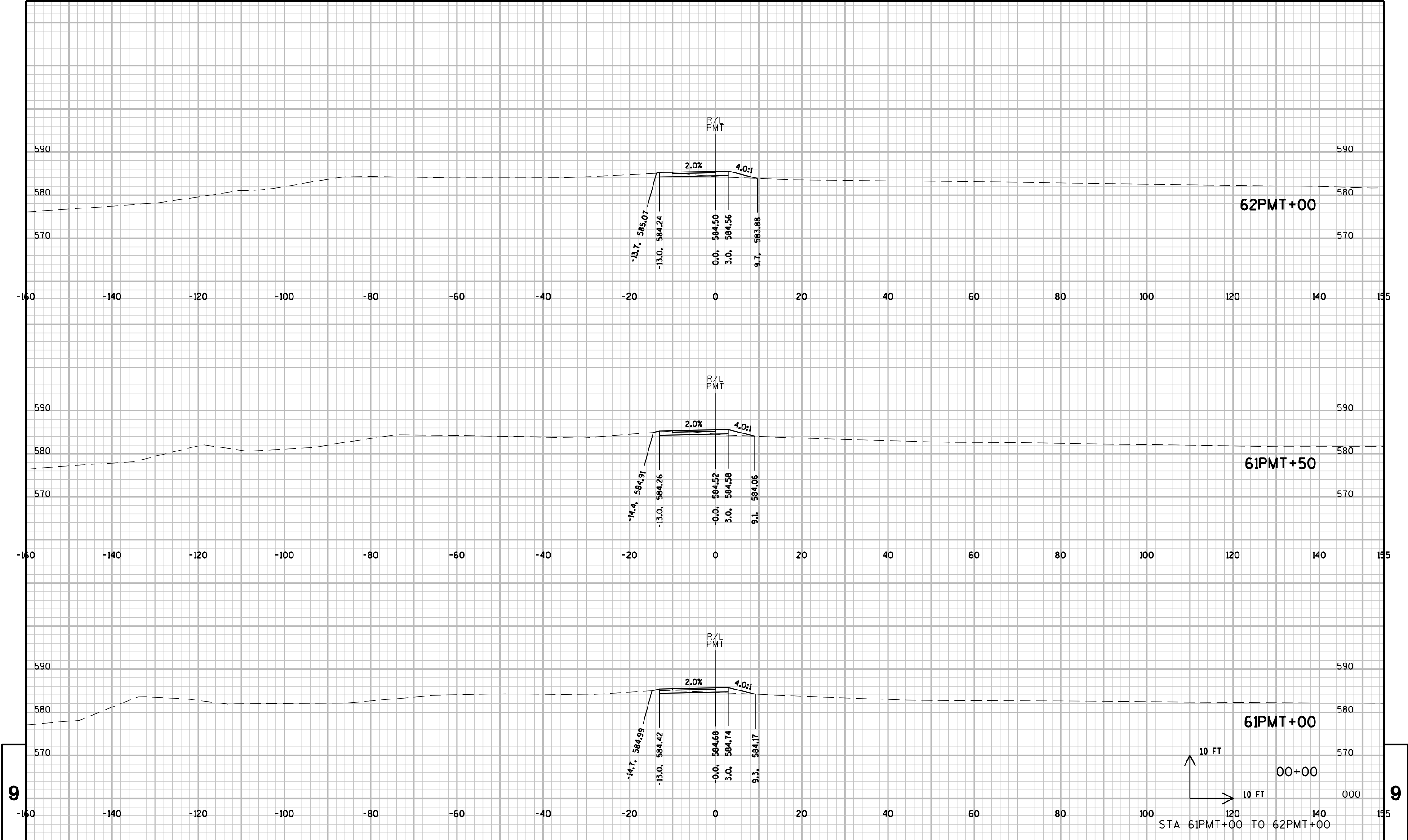


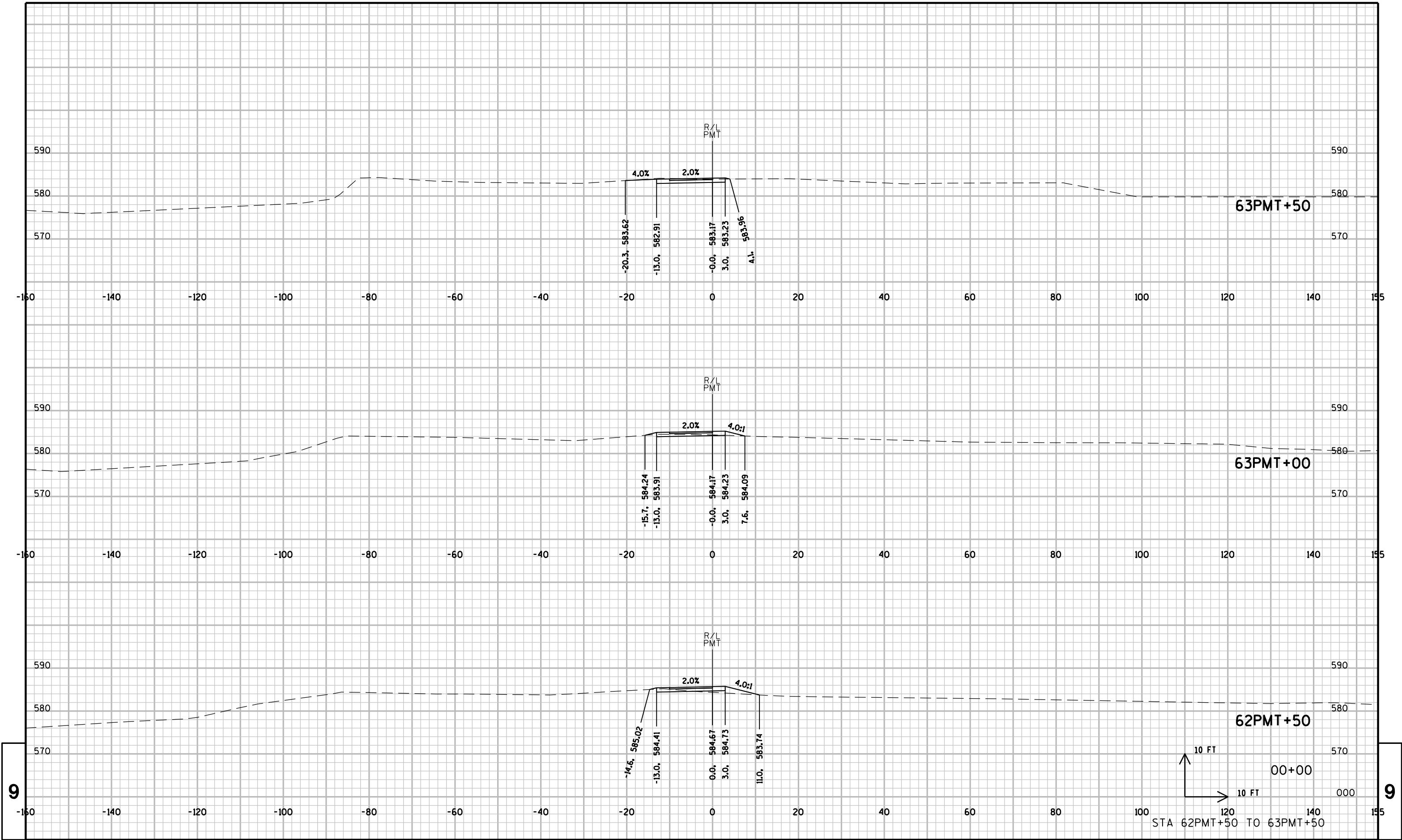




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PROJECT NO: 9202-08-78

HWY: STH 29

COUNTY: BROWN

CROSS SECTIONS: PAMPERIN PARK MULTI-USE TRAIL

SHEET

E

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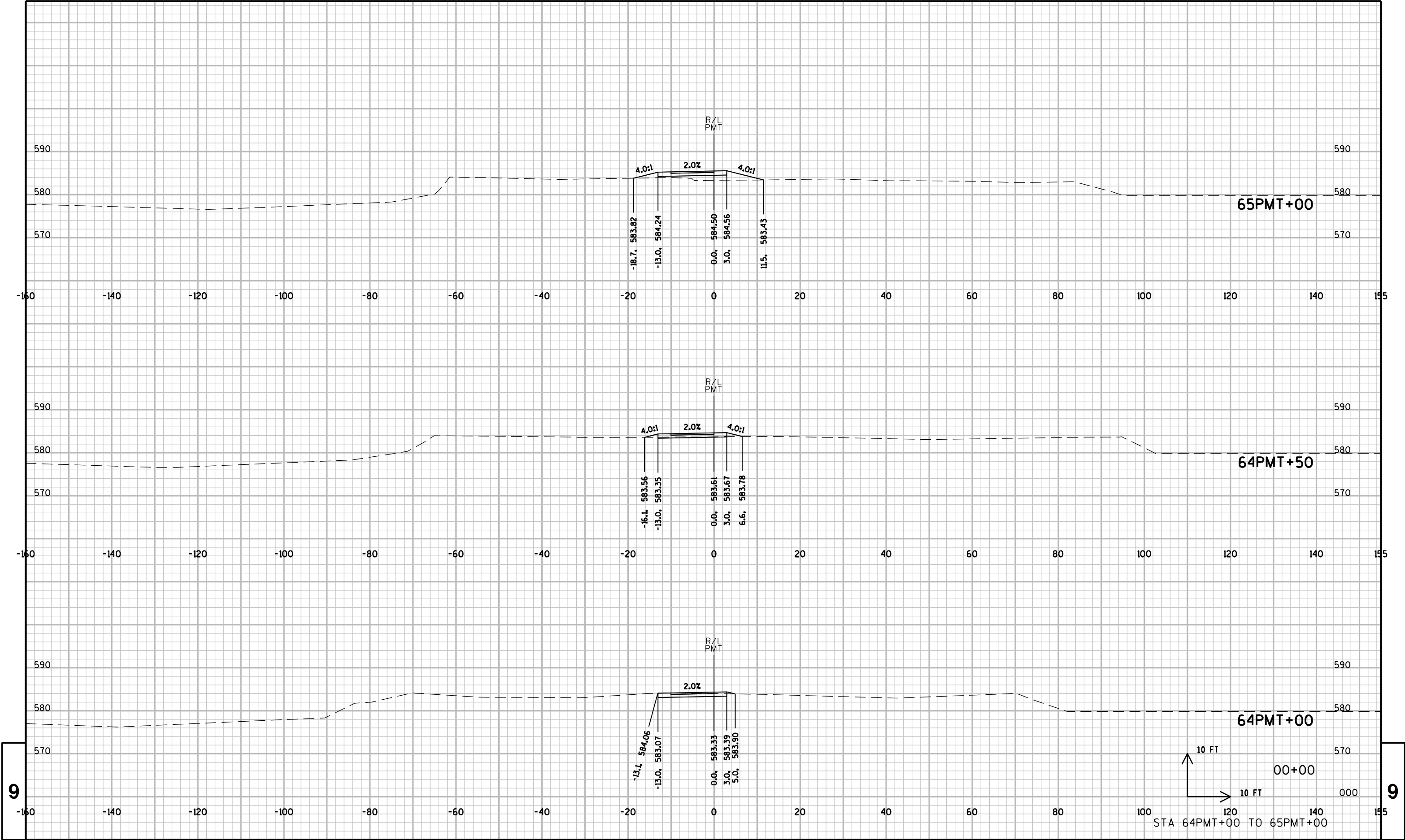
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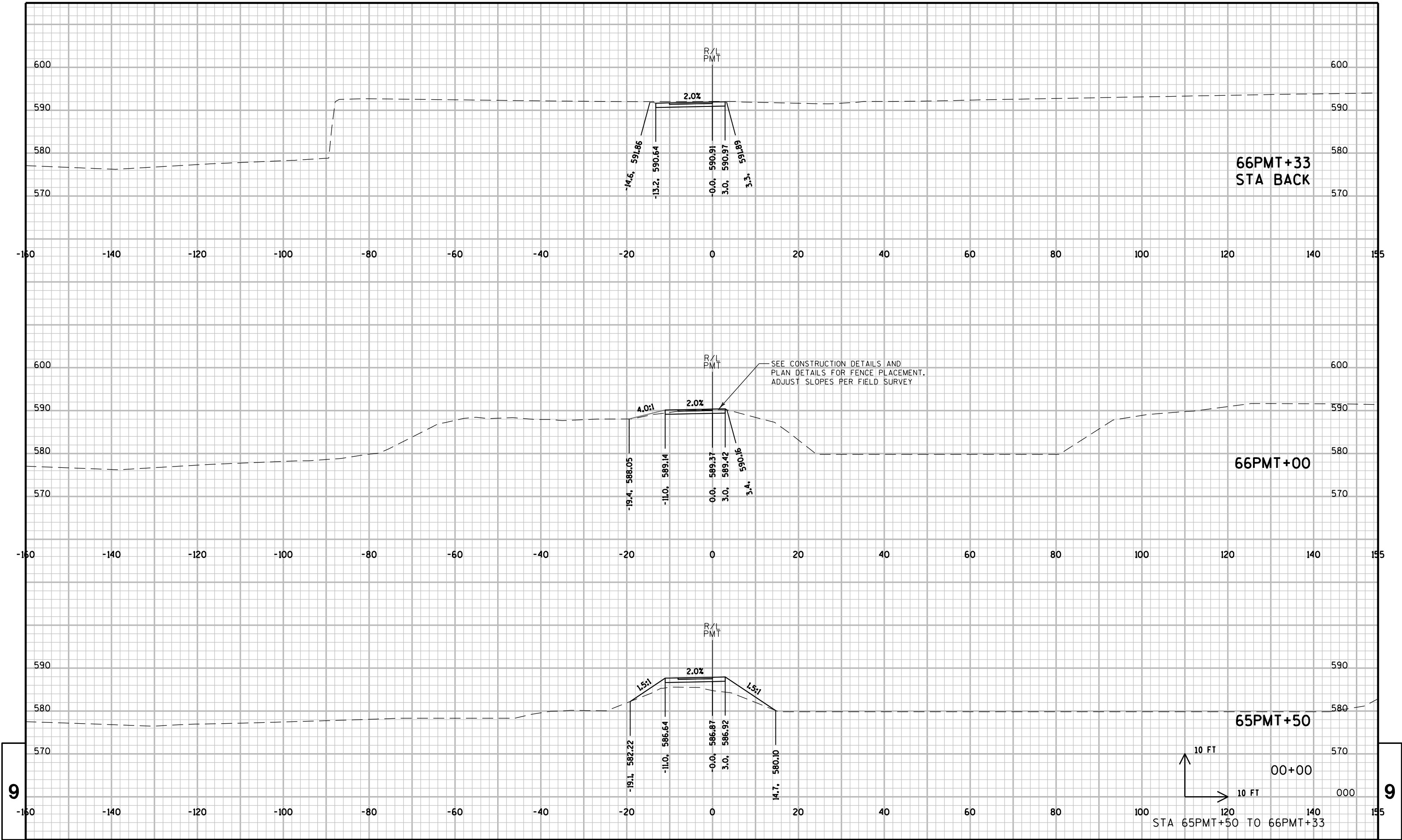
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PLOT SCALE : 20:1

WISDOT/CADDs SHEET 21





PROJECT NO: 9202-08-78

HWY: STH 29

COUNTY: BROWN

CROSS SECTIONS: PAMPERIN PARK MULTI-USE TRAIL

SHEET

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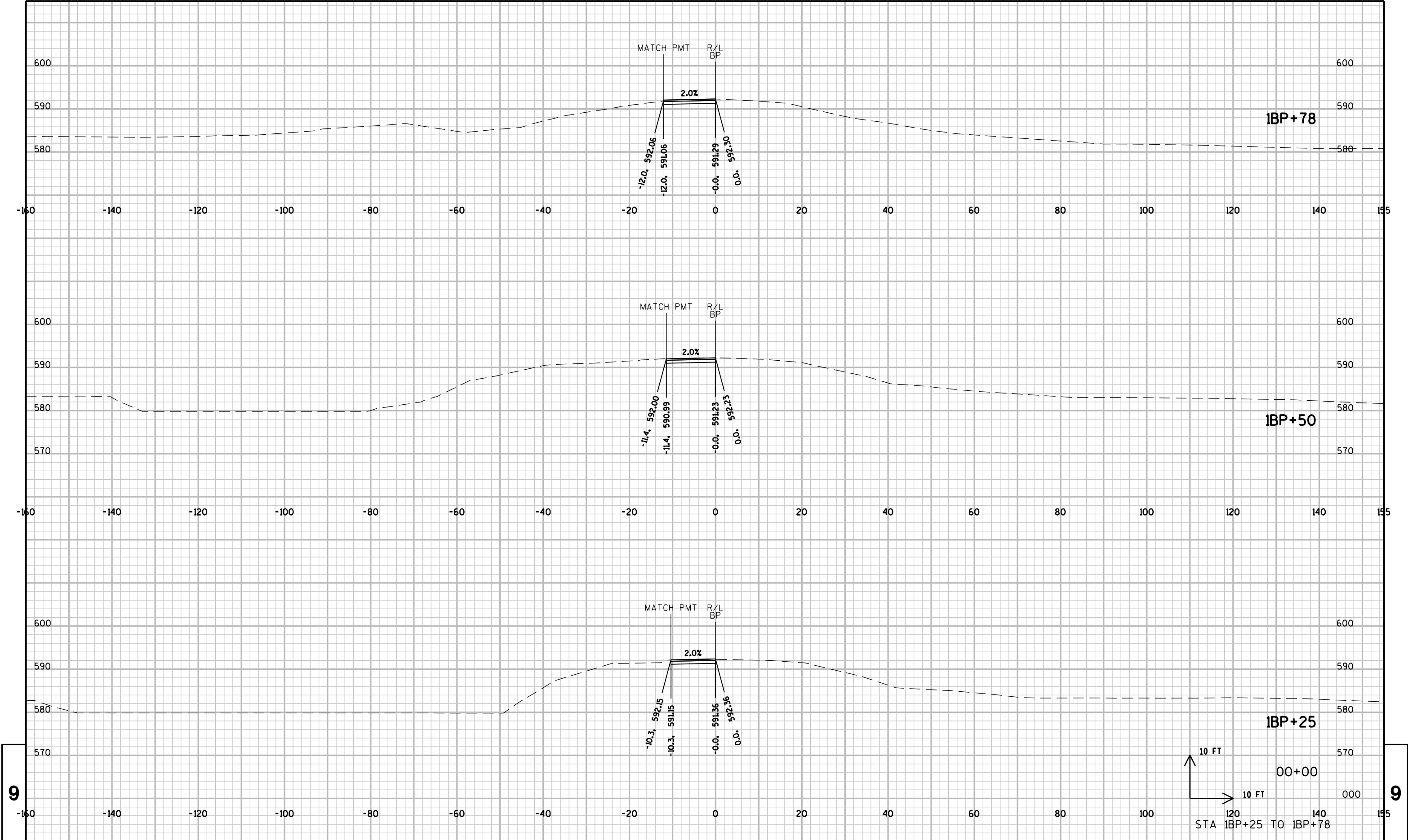
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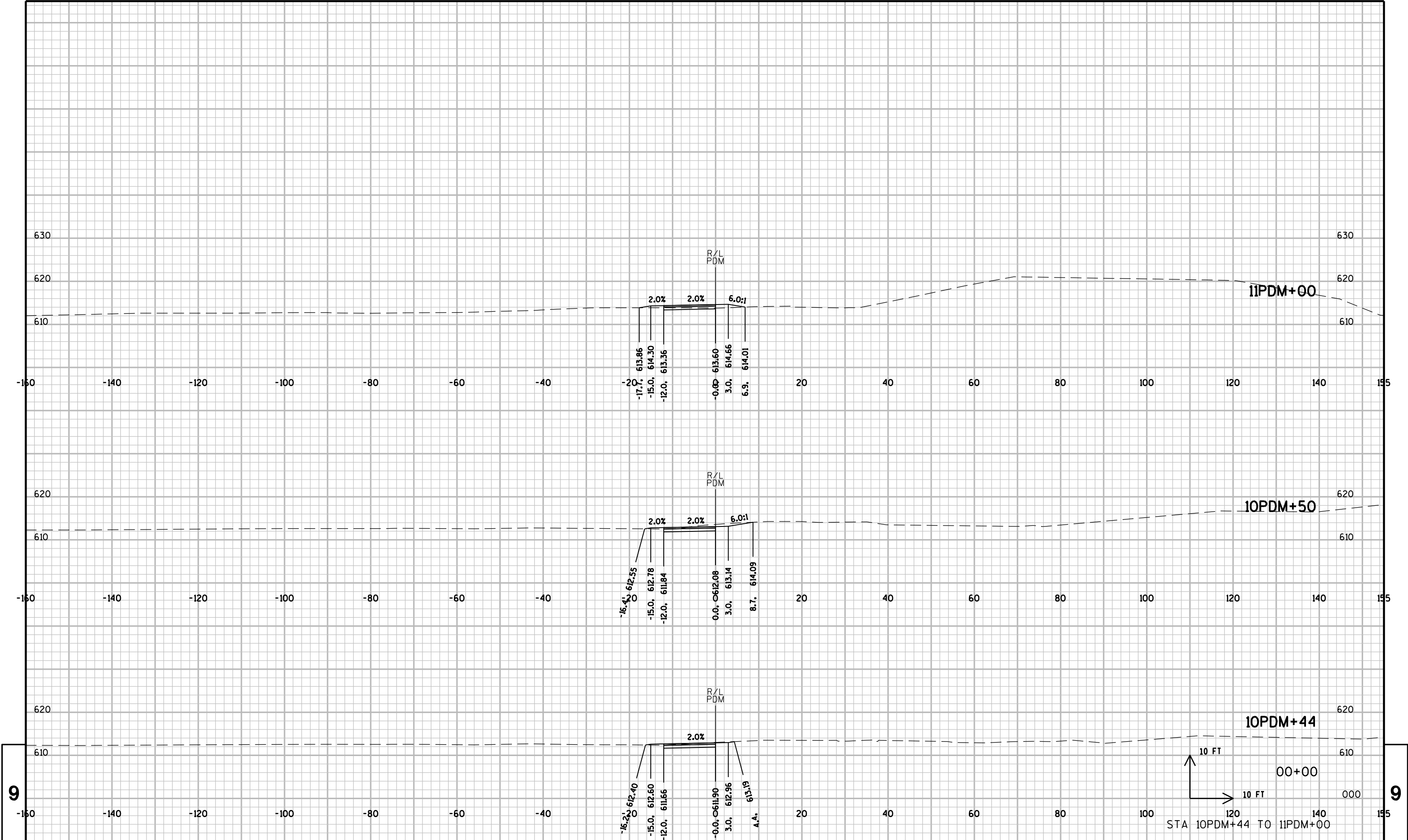
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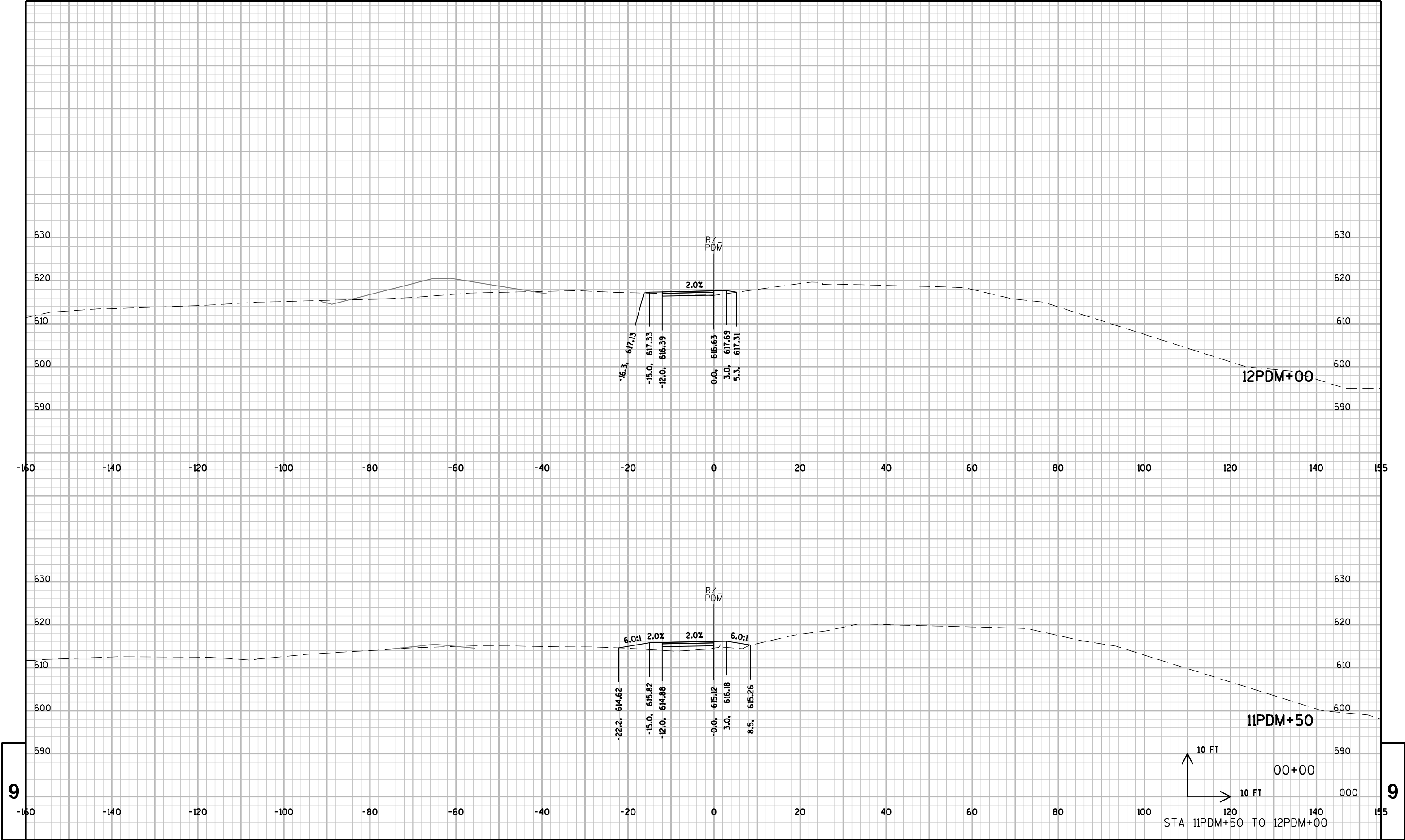
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WISDOT/CADDS SHEET 21







PROJECT NO: 9202-08-78

HWY: STH 29

COUNTY: BROWN

CROSS SECTIONS: PACKERLAND DRIVE MULTI-MODAL PATH

SHEET

E

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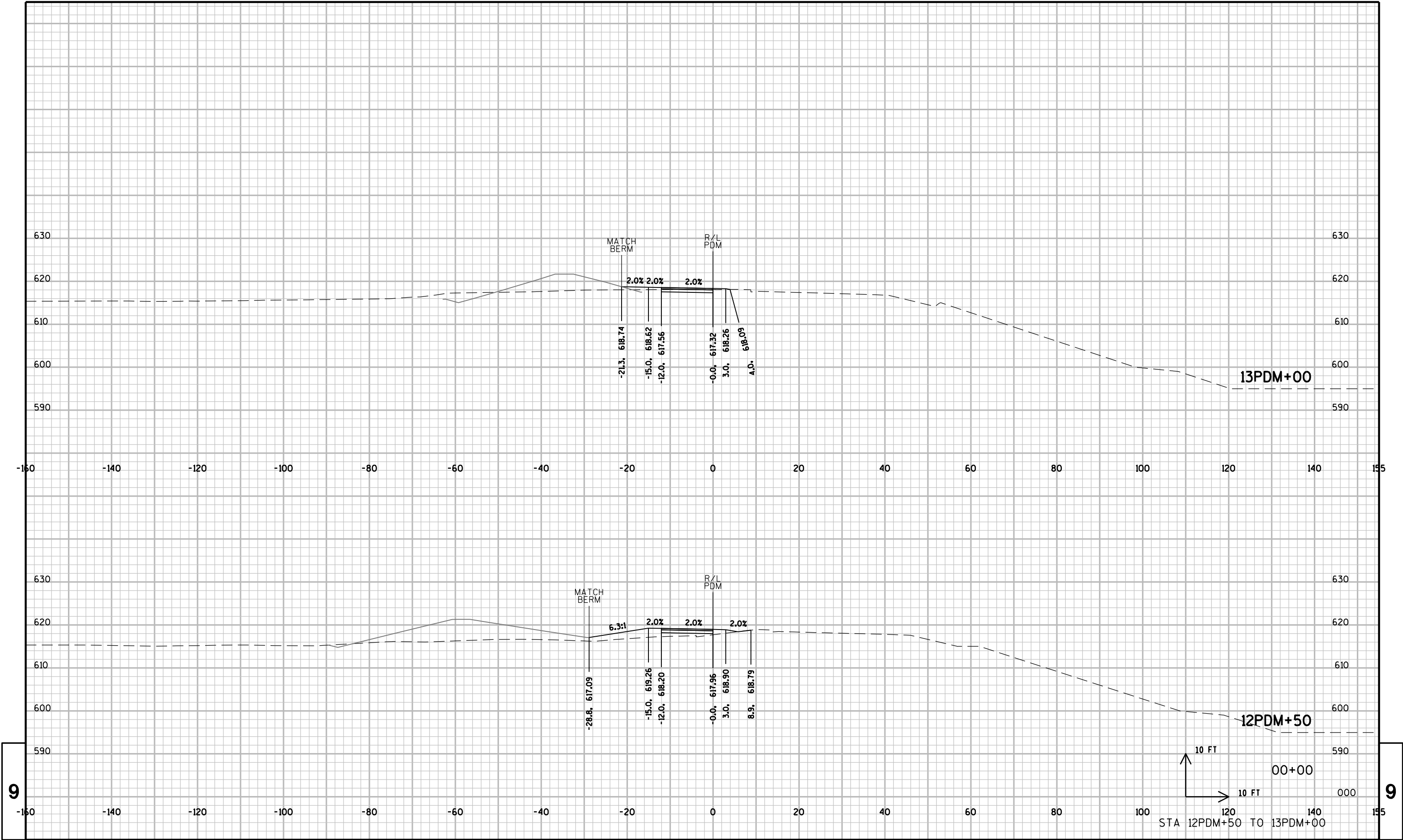
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PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21



PROJECT NO: 9202-08-78

HWY: STH 29

COUNTY: BROWN

CROSS SECTIONS: PACKERLAND DRIVE MULTI-MODAL PATH

SHEET

E

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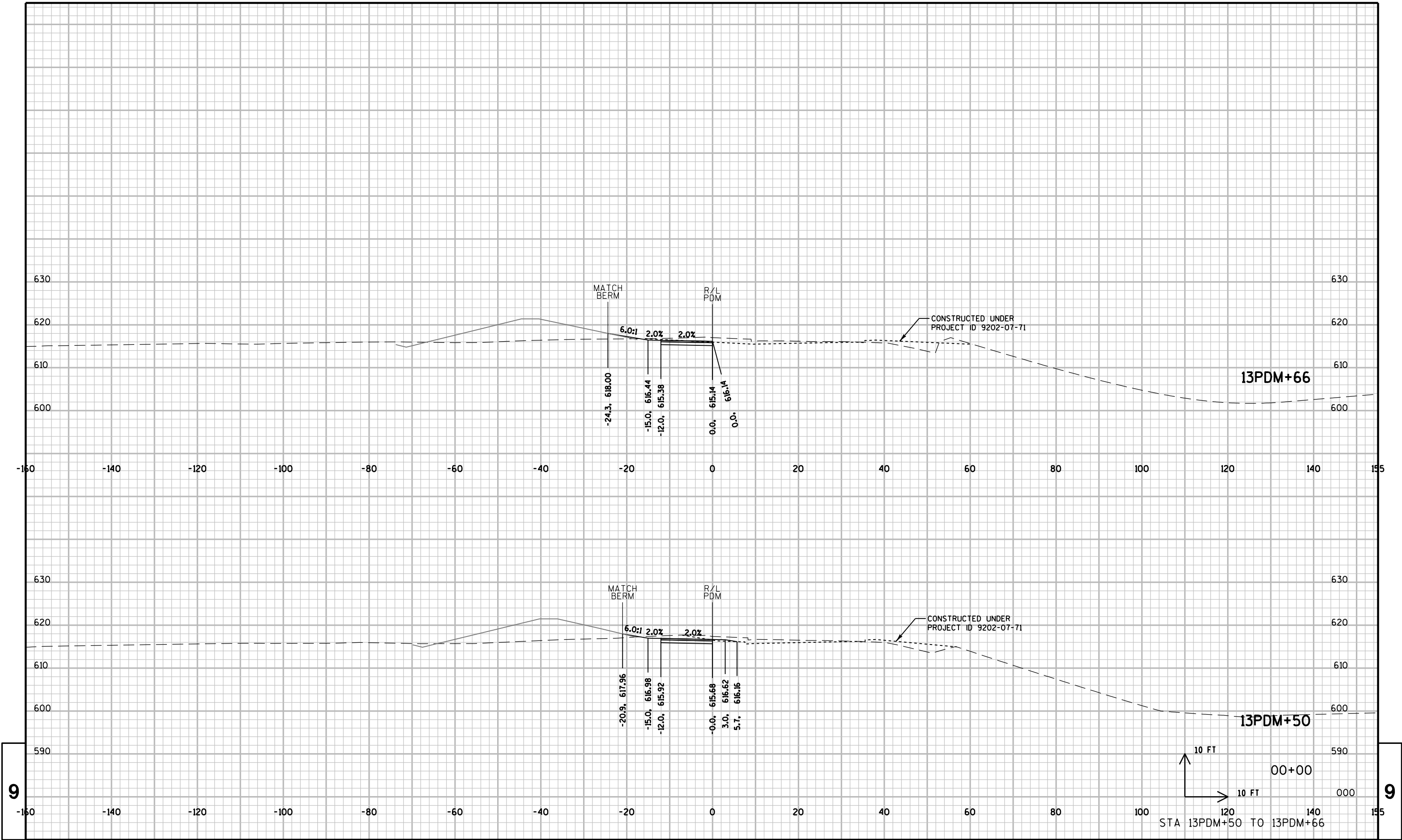
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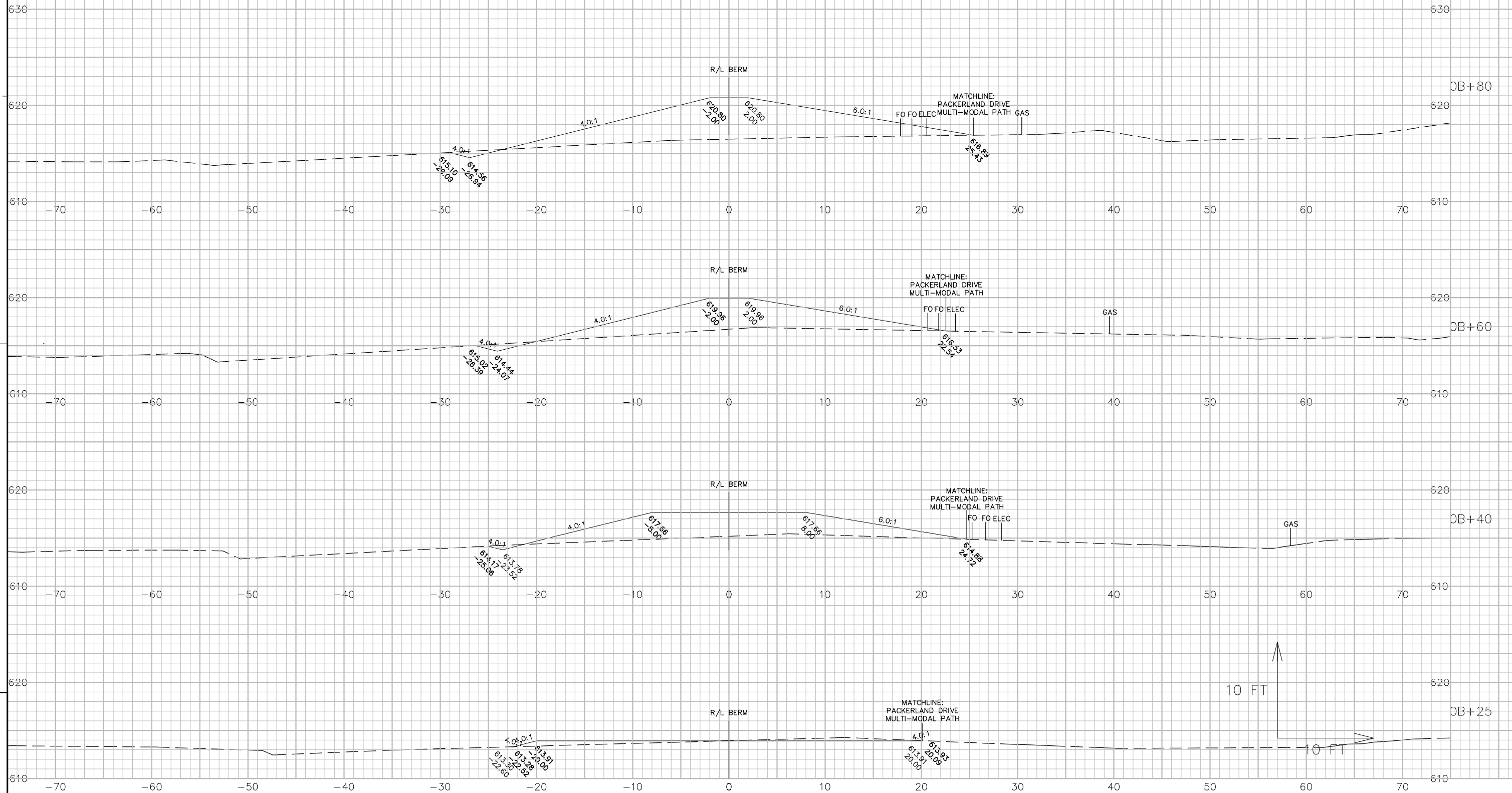
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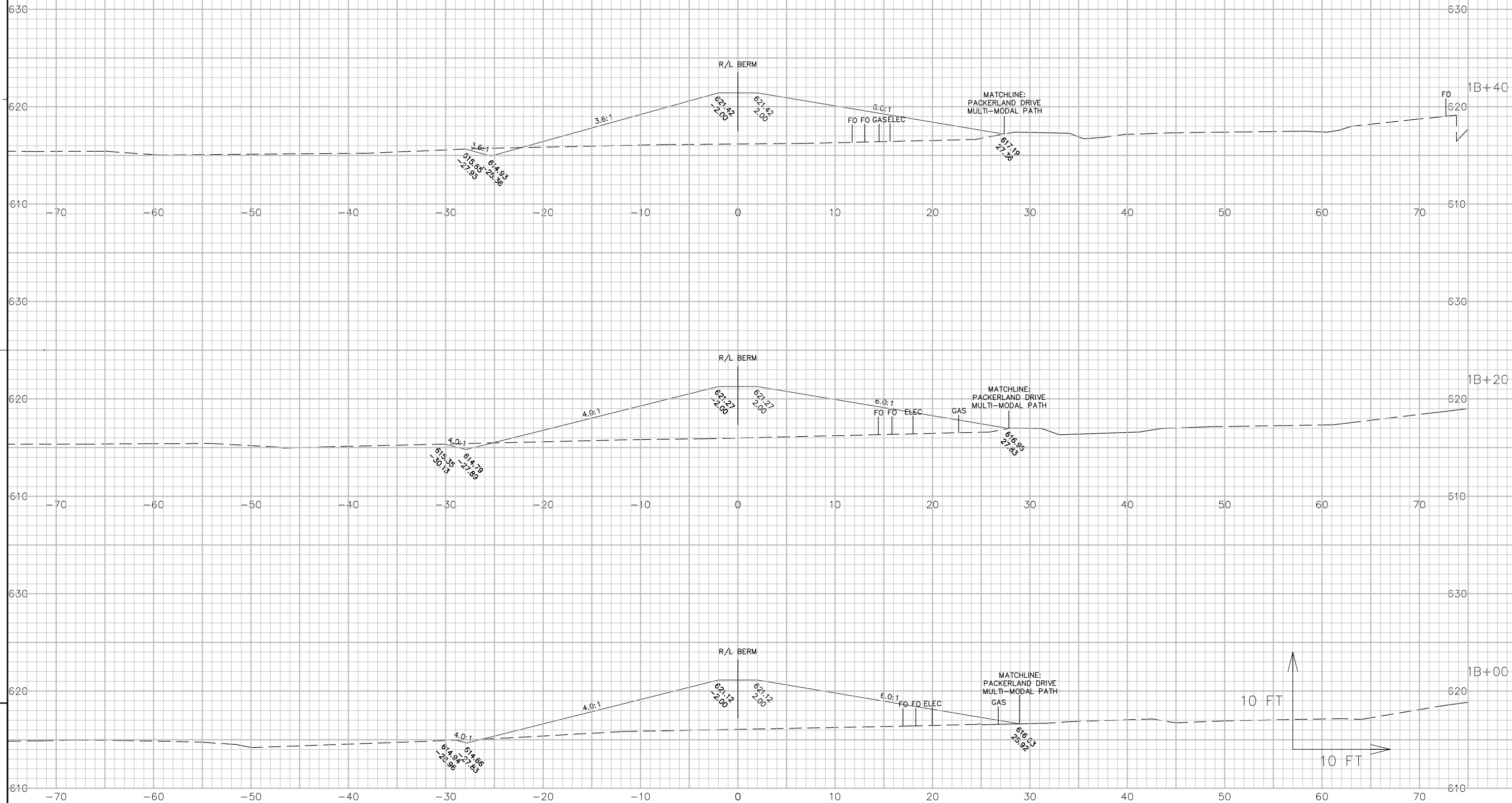
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WISDOT/CADDs SHEET 21





PLAN SHEET PRODUCED BY:
WISDOT - NE REGION



PROJECT NO:9202-08-78

HWY:STH 29

COUNTY:BROWN

CROSS SECTIONS:CROSS SECTION

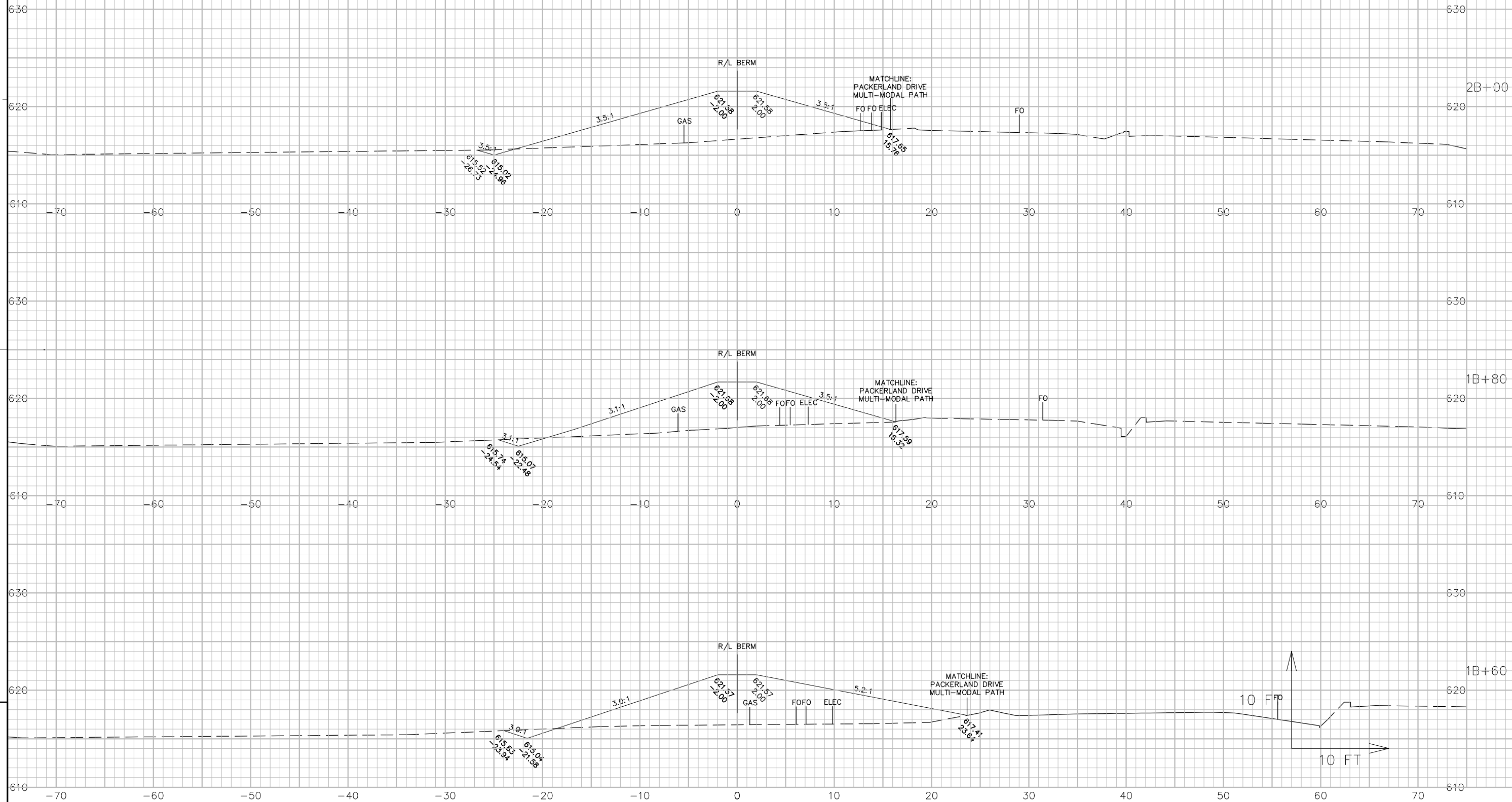
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WISDOT/CADDs SHEET 49

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WISDOT - NE REGION



PROJECT NO:9202-08-78

HWY:STH 29

COUNTY:BROWN

CROSS SECTIONS:CROSS SECTION

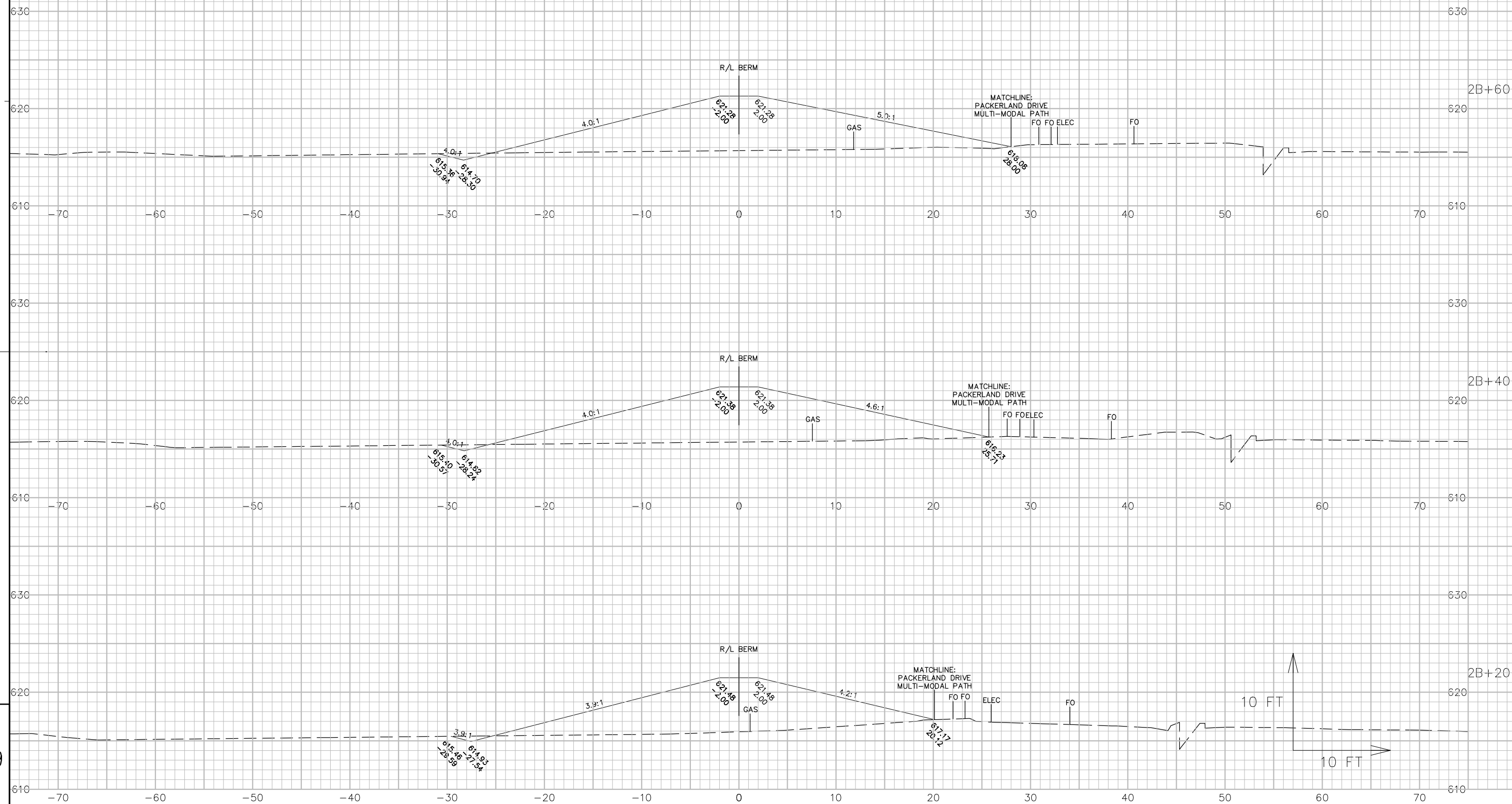
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WISDOT/CADDs SHEET 49

PLAN SHEET PRODUCED BY:
WISDOT – NE REGION



PROJECT NO:9202-08-78

HWY:STH 29

COUNTY:BROWN

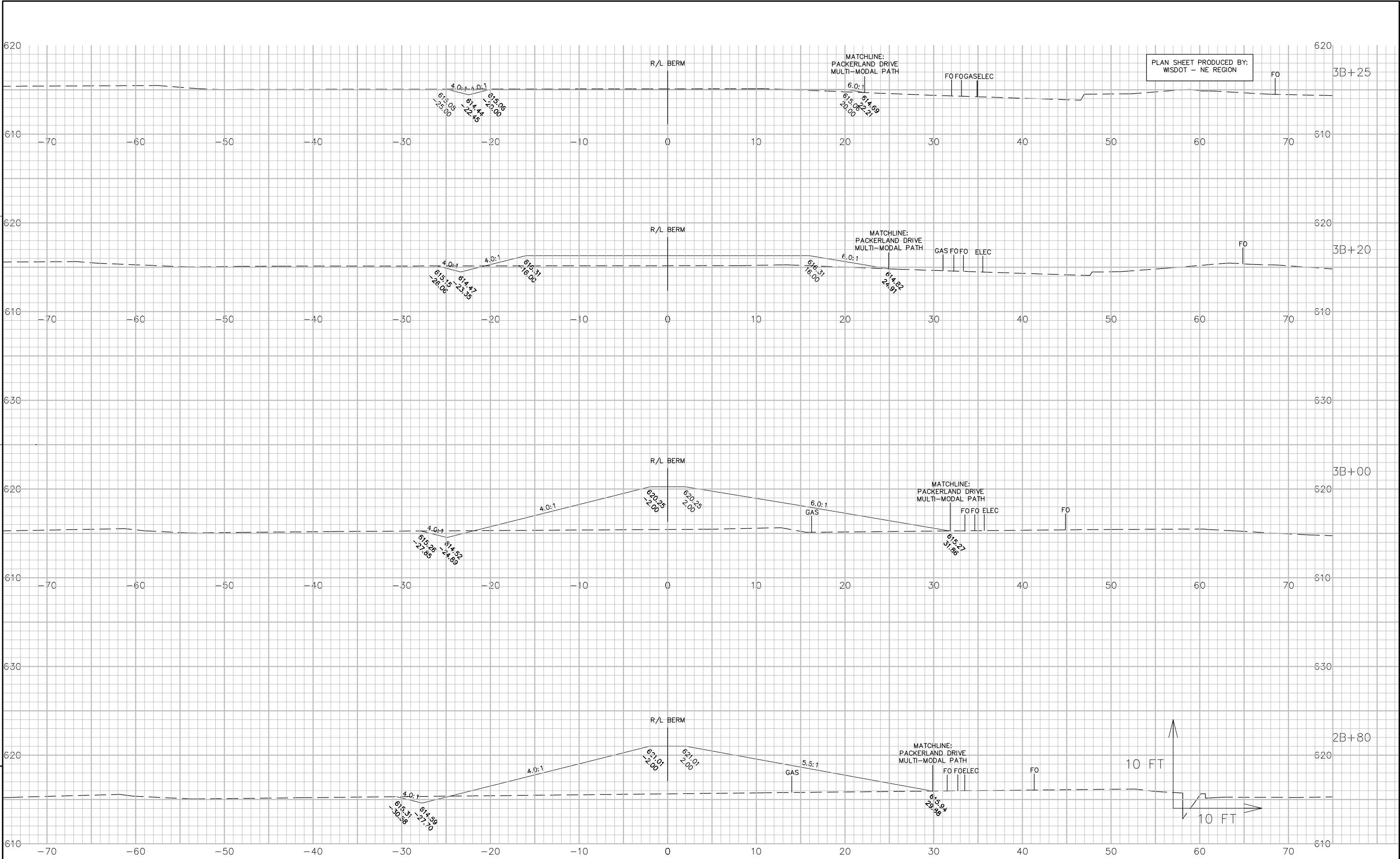
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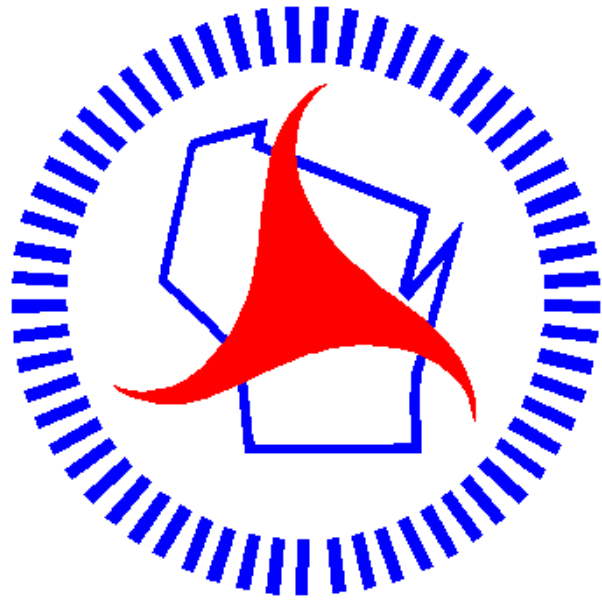
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WISDOT/CADDS SHEET 49



Notes



Wisconsin Department of Transportation

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