

PROJECT ID:
3240-11-70

COUNTY:
KENOSHA

WITH: N/A

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 =



DESIGN DESIGNATION	STH 32	STH 165
A.A.D.T. 2019	= 11,100	3,500
A.A.D.T. 2042	= 13,100	4,400
D.H.V.	= 1,360	460
D.D.	= 59/41	59/41
T.	= 2.4%	2.4%
DESIGN SPEED	= 50 MPH	45 MPH
ESALS	= 550,000	190,000

CONVENTIONAL SYMBOLS

PLAN	PROFILE
CORPORATE LIMITS	GRADE LINE
PROPERTY LINE	ORIGINAL GROUND
LOT LINE	MARSH OR ROCK PROFILE (To be noted as such)
LIMITED HIGHWAY EASEMENT	SPECIAL DITCH
EXISTING RIGHT OF WAY	GRADE ELEVATION
PROPOSED OR NEW R/W LINE	CULVERT (Profile View)
SLOPE INTERCEPT	UTILITIES
REFERENCE LINE	ELECTRIC
EXISTING CULVERT	FIBER OPTIC
PROPOSED CULVERT (Box or Pipe)	GAS
COMBUSTIBLE FLUIDS	SANITARY SEWER
MARSH AREA	STORM SEWER
WOODED OR SHRUB AREA	TELEPHONE
	WATER
	UTILITY PEDESTAL
	POWER POLE
	TELEPHONE POLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

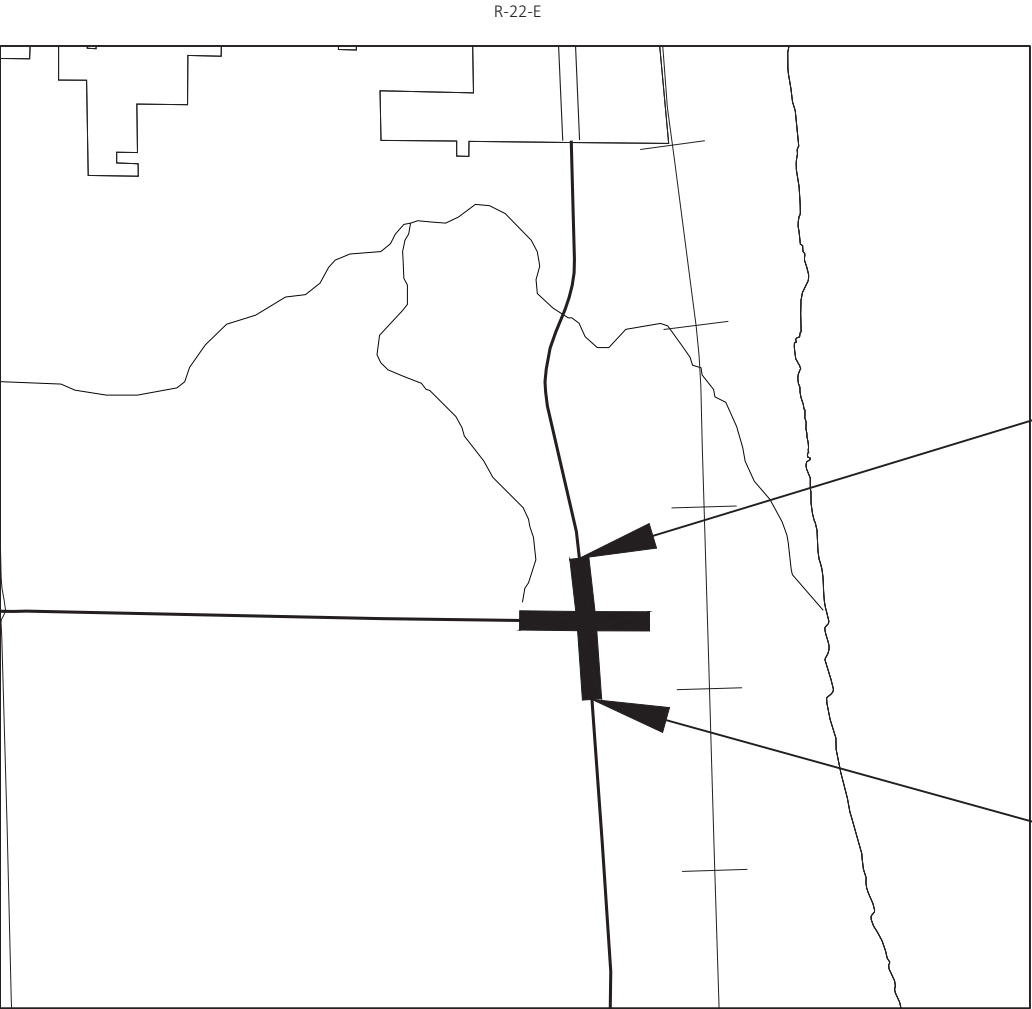
SHERIDAN RD, VIL PLEASANT PRAIRIE

STH 165 INTERSECTION

STH 32

KENOSHA COUNTY

STATE PROJECT NUMBER
3240-11-70



TOTAL NET LENGTH OF CENTERLINE = 0.379 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN
COORDINATE REFERENCE SYSTEM (WISCRS), KENOSHA COUNTY,
NAD88 (2007), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID
COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES
ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED
TO NAVD 88 (2007). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
3240-11-70		

DRAFT P.S.&E. PLAN
FEBRUARY 1, 2021

ORIGINAL PLANS PREPARED BY



DATE: _____ (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	RA SMITH
Surveyor	
Designer	DAAR ENGINEERING, INC.
Project Manager	VIDA SHAFFER, P.E.
Regional Examiner	STEVE CHOJNACKI, P.E.
Regional Supervisor	REEM SHAHIN, P.E.

APPROVED FOR THE DEPARTMENT
DATE: _____ (Signature)

E

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. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER OR THEORETICAL FLANGE POINT OF INTEGRAL CURB AND GUTTER. CURB AND GUTTER RADII ARE MEASURED TO THE FLANGE OF CURB AND GUTTER OR THEORETICAL FLANGE POINT OF INTEGRAL CURB AND GUTTER.

CONTACT THE PROJECT ENGINEER, THE COUNTY SURVEYOR, AND SEWRPC AT LEAST TWO WEEKS BEFORE WORKING NEAR ANY SECTION CORNER MONUMENT.

VERIFY EXISTING PAVEMENT ELEVATIONS AT ALL TIE-INS TO EXISTING PAVEMENT PRIOR TO CONSTRUCTION. NOTIFY ENGINEER IF A DISCREPANCY IS FOUND BETWEEN PROPOSED PLAN ELEVATIONS AND EXISTING PAVEMENT ELEVATIONS.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT ASPHALT PAVEMENT LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, BIKE OR PARKING LANE.

SAWCUT EXISTING ASPHALT AND CONCRETE PAVEMENT AT THE MATCHLINE AS INDICATED ON THE PLAN OR AS DIRECTED BY THE ENGINEER.

RESHAPE, RESTORE AND FINISH ALL PREVIOUSLY GRASSED AREAS DISTURBED BY OPERATIONS OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS AT NO EXPENSE TO THE DEPARTMENT.

ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE TOPSOILED, FERTILIZED, SEEDED AND MULCHED AS DIRECTED BY THE 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.

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.

EROSION CONTROL BMP'S ARE AT SUGGESTED LOCATIONS. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE CONTRACTORS ECIP AND BY THE ENGINEER. EROSION CONTROL BMP'S SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR UNTIL THE ENGINEER DETERMINES THAT THE BMP IS NO LONGER REQUIRED.

WHEN DEFINING THE PAVEMENT STRUCTURE, THE BOTTOM OF THE BASE AGGREGATE DENSE IS CONSIDERED THE SUBGRADE LINE. THE SELECT CRUSHED MATERIAL LAYER IS A SUBGRADE IMPROVEMENT.

BACKFILL ALL OPENINGS AND HOLES LOCATED WITHIN THE ROADWAY RESULTING FROM REMOVALS OR ABANDONMENTS WITH GRANULAR BACKFILL UNLESS THE PLANS PROVIDE FOR ALTERNATE BACKFILL.

DO NOT REMOVE ANY TREES OR SHRUBS WITHOUT APPROVAL OF THE ENGINEER.

ALL SIGN LOCATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION.

EXISTING DRIVEWAYS AND FIELD ENTRANCES SHALL BE RESTORED IN KIND AS DIRECTED BY THE ENGINEER IN THE FIELD AND AT THE LOCATION DETERMINED BY THE ENGINEER.

THE EXACT LOCATION OF PRIVATE ENTRANCES IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED. TOPSOIL SHALL BE REPLACED WITH 4-INCH TYPICAL DEPTH.

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

STANDARD ABBREVIATIONS LIST

AP	ACCESS POINT	CPRCHE	CULVERT PIPE REINFORCED CONCRETE	I	INTERSECTION ANGLE	PVC	POINT OF VERTICAL CURVE	SDD	STANDARD DETAIL DRAWINGS
AC	ACRE		HORIZONTAL ELLIPTICAL	INV	INVERT	PVI	POINT OF VERTICAL INTERSECTION	STH	STATE TRUNK HIGHWAYS
ADJ	ADJUST	C & G	CURB AND GUTTER	IP	IRON PIPE OR PIN	PVT	POINT OF VERTICAL TANGENCY	STA	STATION
AECPRC	AFRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE	D	DEGREE OF CURVE	JT	JOINT	PVC	POLYVINYL CHLORIDE	SS	STORM SEWER
AH	AHEAD	DHV	DESIGN HOUR VOLUME	LT	LEFT	PCC	PORTLAND CEMENT CONCRETE	SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
AC	ASPHALT CEMENT	DIA	DIAMETER	LT	LENGTH OF CURVE	LB	POUND	ST	STREET
ASPH	ASPHALTIC	DD	DIRECTIONAL DISTRIBUTION	LF	LINEAR FOOT	PSF	POUNDS PER SQUARE FOOT	STR	STRUCTURE OR STRUCTURAL
ACP	ASPHALTIC CONCRETE PAVEMENT	DWY	DRIVEWAY	LP	LOW POINT	PSI	POUNDS PER SQUARE INCH	SEC	SUPERELEVATION
AVG	AVERAGE	E	EAST	LS	LUMP SUM	PE	PRIVATE ENTRANCE	T	TANGENT
ADT	AVERAGE DAILY TRAFFIC	X	EAST GRID COORDINATE	MH	MANHOLE	PGL	PROFILE GRADE LINE	TEMP	TEMPORARY
AEW	APRON ENWALL	EB	EASTBOUND	MAX	MAXIMUM	PL	PROPERTY LINE	TI	TEMPORARY INTEREST
BK	BACK	EL	ELEVATION	Mgal	MEGAGALLON	Q100	100-YEAR FLOWRATE	TLE	TEMPORARY LIMITED EASEMENT
BAD	BASE AGGREGATE DENSE	ESALS	EQUIVALENT SINGLE AXLE LOADS	MPH	MILES PER HOUR	R	RADIUS	t	TON
BM	BENCHMARK	EXC	EXCAVATION	MIN	MINIMUM	RR	RAILROAD	T	TOWN
CB	CATCH BASIN	EBS	EXCAVATION BELOW SUBGRADE	MON	MONUMENT	R	RANGE	T/L	TRANSIT LINE
CL	CENTER LINE	EXIST	EXISTING	NOM	NOMINAL	R/L	R/L	T	TRUCKS (PERCENT OF)
CL CONST	CENTER LINE CONSTRUCTION	FPS	FEET PER SECOND	NC	NORMAL CROWN	REINF	REINFORCING OR REINFORCEMENT	TYP	TYPICAL
Δ	CENTRAL ANGLE OR DELTA	FERT	FERTILIZE	N	NORTH	REQD	REQUIRED	USH	UNITED STATES HIGHWAY
CL	CLASS	FE	FIELD ENTRANCE	Y	NORTH GRID COORDINATE	RT	RIGHT	VAR	VARIABLE
CONC	CONCRETE	FL	FLOWLINE	NB	NORTHBOUND	R/W	RIGHT-OF-WAY	V	VELOCITY OF DESIGN SPEED
CONST	CONSTRUCTION	FT	FOOT	NO	NUMBER	RD	ROAD	VERT	VERTICAL
CMCP	CORRUGATED METAL CULVERT PIPE	GN	GRID NORTH	OPT	OPTIONAL	RDWY	ROADWAY	VC	VERTICAL CURVE
CTH	COUNTY TRUNK HIGHWAY	HES	HIGH EARLY STRENGTH	OD	OUTSIDE DIAMETER	SEC	SECTION	VOL	VOLUME
CABC	CRUSHED AGGREGATE BASE COURSE	HPHW	HIGH POINT	PAVT	PAVEMENT	SHLDR	SHOULDER	WM	WATERMAIN
CFS	CUBIC FEET PER SECOND	HW	HIGH WATER	PLE	PERMANENT LIMITED EASEMENT	S	SOUTH	WV	WATER VALVE
CY	CUBIC YARD	HMA	HOT MIX ASPHALT	PACS	PIPE ARCH CORRUGATED STEEL	SB	SOUTHBOUND	W	WEST
CP	CULVERT PIPE	CWT	HUNDREDWEIGHT	PT	POINT	SQ	SQUARE	WB	WESTBOUND
CPCS	CULVERT PIPE CORRUGATED STEEL	HWD	HYDRANT	PC	POINT OF CURVATURE	SF	SQUARE FEET	YD	YARD
CPRC	CULVERT PIPE REINFORCED CONCRETE	INL	INLET	PI	POINT OF INTERSECTION	SW	SIDEWALK		
		ID	INSIDE DIAMETER	PT	POINT OF TANGENCY	SY	SQUARE YARD		

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	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.34	.44	.30	.37	.50	.34	.41	.56
MEDIAN STRIP-TURF	.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25	.30
	.24	.26	.30	.25	.28	.33	.26	.30	.37	.27	.32	.40
SIDE SLOPE: TURF			.25			.27			.28			.30
			.32			.34			.36			.38
PAVEMENT:												
ASPHALT							.70 - .95					
CONCRETE							.80 - .95					
BRICK							.70 - .80					
DRIVES, WALKS							.75 - .85					
ROOFS							.75 - .95					
GRAVEL ROADS, SHOULDERS							.40 - .60					

TOTAL PROJECT AREA = 4.72 ACRES
TOTAL GROUND AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 2.83 ACRES

HMA PAVING

ROAD	LAYER	THICKNESS	HMA TYPE
STH 32 OVERLAY	UPPER LAYER	2-INCH	4 LT 58-28 S
STH 32 WIDENING	UPPER LAYER	2-INCH	4 LT 58-28 S
	LOWER LAYER	3-INCH	3 LT 58-28 S
STH 165 OVERLAY	UPPER LAYER	2-INCH	4 LT 58-28 S
STH 165 WIDENING	UPPER LAYER	2-INCH	4 LT 58-28 S
	LOWER LAYER	3-INCH	3 LT 58-28 S
104TH STREET	UPPER LAYER	2-INCH	4 LT 58-28 S
	LOWER LAYER	3-INCH	3 LT 58-28 S

PROJECT NO: 3240-11-70

HWY: STH 32

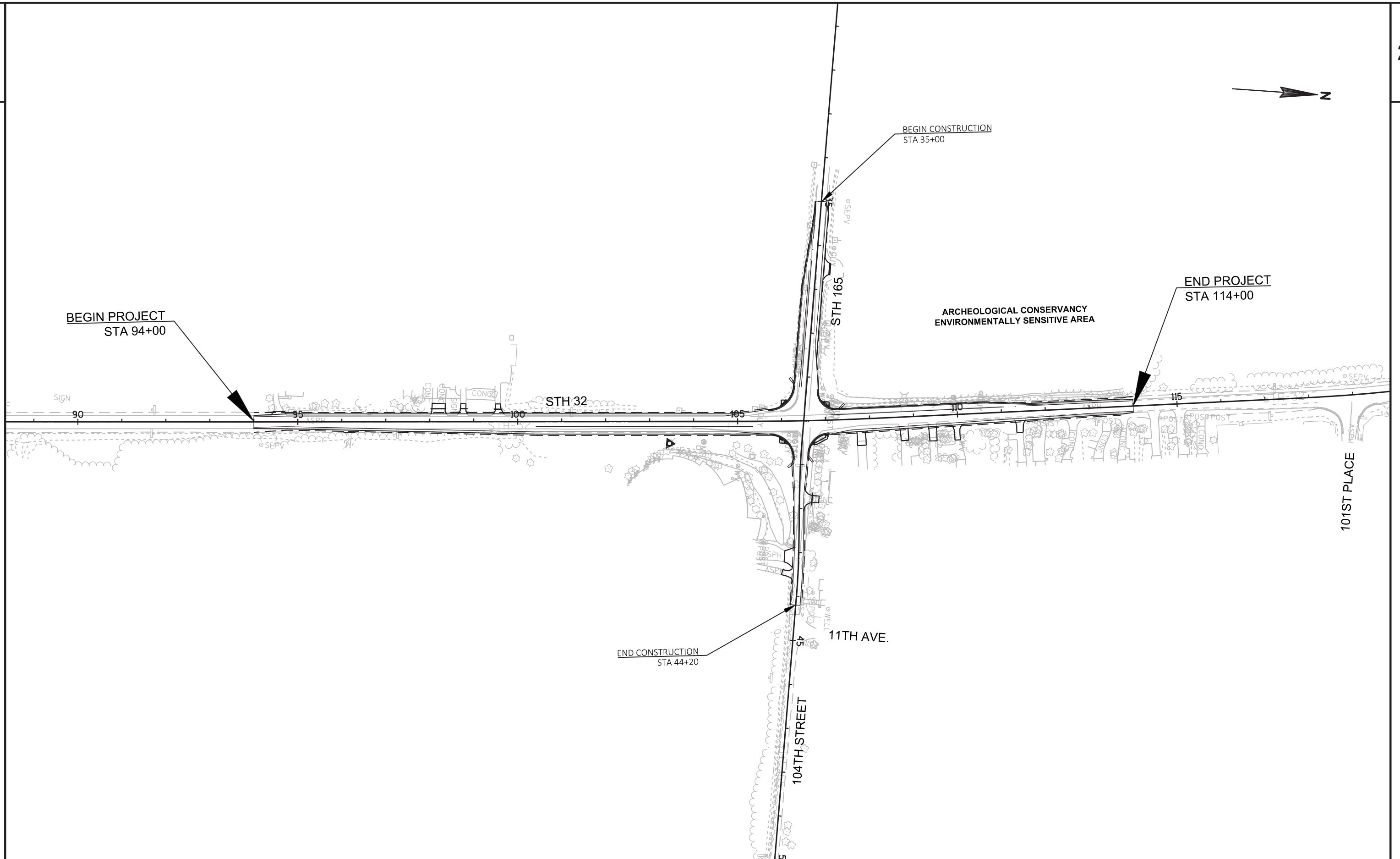
COUNTY: KENOSHA

GENERAL NOTES

SHEET

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2	UTILITY CONTACTS AT&T WISCONSIN - COMMUNICATION LINE MIKE VANBOVEN 411 7th STREET RACINE, WI 53403 (262) 676-3958 MV3658@att.com CHARTER COMMUNICATIONS - COMMUNICATIONS LINE BEAU ABUYA 1320 N DR. MARTIN LUTHER KING JR DR. MILWAUKEE, WI 53212 (414) 908-1343 wis.engineering@charter.com MIDWEST FIBER NETWORKS LLC - COMMUNICATION LINE RICHARD TRGOVEC 6070 NORTH FLINT RD. GLENDALE, WI 53209 (414) 459-3554 rtgovec@midwestfibernetworks.com VILLAGE OF PLEASANT PRAIRIE - SEWER/WATER JOHN STEINBRINK, JR. 8800 GREEN BAY RD. PLEASANT PRAIRIE, WI 53158 (262) 925-6768 jsteinbrink@pleasantprairiewi.gov WE ENERGIES - GAS/PETROLEUM/ELECTRICITY 333 WEST EVERETT ST., ROOM A299 MILWAUKEE, WI 53203 (414) 221-2738 We-Utility-relocations@we-energies.com	DNR CONTACT WISCONSIN DNR BENTON STELZEL DNR SERVICE CENTER 141 NW. BARSTOW ST. WAUKESHA, WI 53188 (262) 623-0194 benton.stelzel@wisconsin.gov OTHER CONTACTS KENOSHA COUNTY - ROAD FACILITY CLEMENT ABONGWA SUITE 122-1 19600 75th STREET BRISTOL, WI 53104-9772 (262) 857-1870 clement.abongwa@kenoshacounty.org VILLAGE OF PLEASANT PRAIRIE MATT FINEOUR 9915 39th AVE. PLEASANT PRAIRIE, WI 53158 (262) 925-6778 mfineour@pleasantprairiewi.gov VILLAGE OF PLEASANT PRAIRIE KURT DAVIDSEN 9915 39th AVE. PLEASANT PRAIRIE, WI 53158 (262) 925-6728 kdavidsen@pleasantprairiewi.gov SEWRPC ROB MERRY W239 N1812 ROCKWOOD DRIVE PO BOX 1607 WAUKESHA, WI 53187-1607 (262) 953-4289 rmerry@sewrpc.org	WISDOT CONTACTS WISDOT PROJECT MANAGER VIDA SHAFFER 141 NW. BARSTOW ST. WAUKESHA, WI 53188 (262) 548-6766 vida.shaffer@dot.wi.gov WISDOT - TRAFFIC LIGHTING ERIC PEREA 141 NW. BARSTOW ST. WAUKESHA, WI 53188 (262) 574-5422 eric.perea@dot.wi.gov WISDOT - TRAFFIC SIGNALS DERRIN WOLFORD 141 NW. BARSTOW ST. WAUKESHA, WI 53188 (262) 521-4409 derrin.wolford@dot.wi.gov DIGGERSHOTLINE Dial 811 or (800)242-8511 www.DiggersHotline.com	2		
PROJECT NO: 3240-11-70		HWY: STH 32	COUNTY: KENOSHA	GENERAL NOTES	SHEET	E



PROJECT NO: 3240-11-70

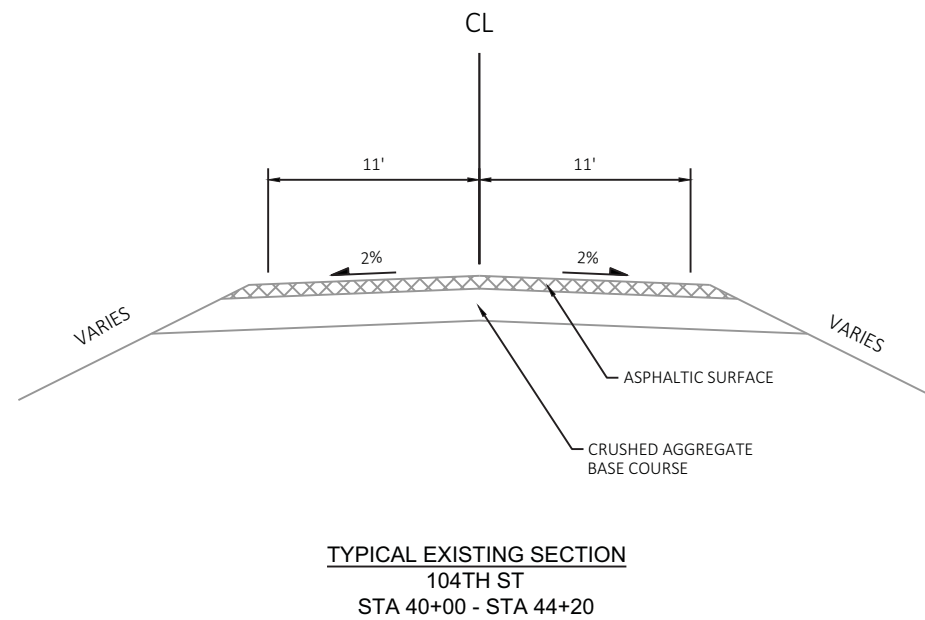
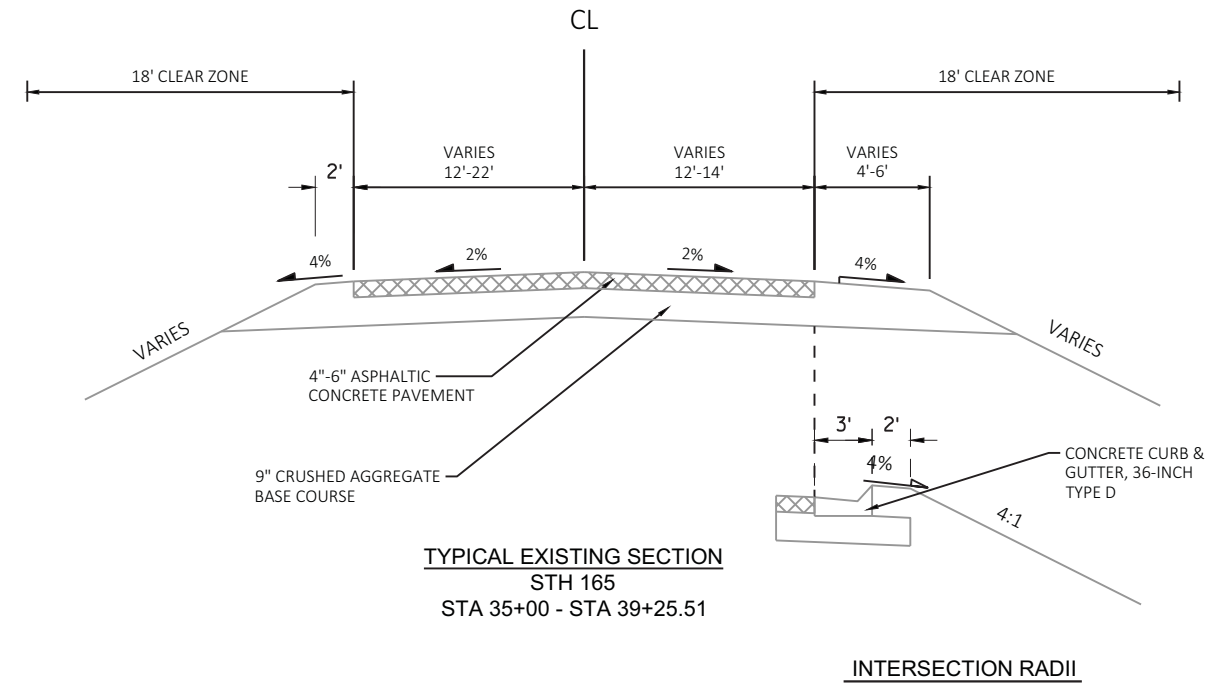
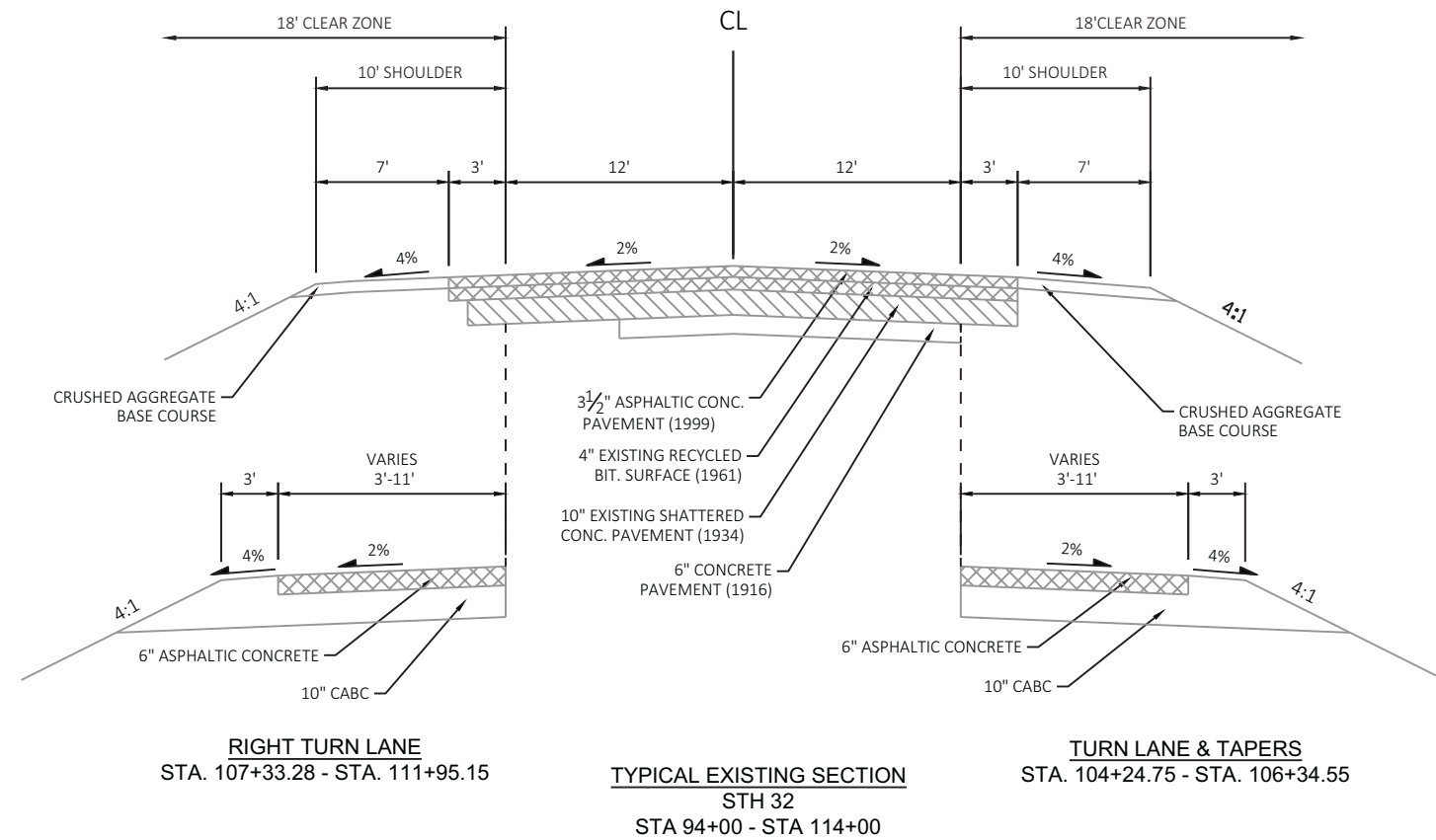
HWY: STH 32

COUNTY: KENOSHA

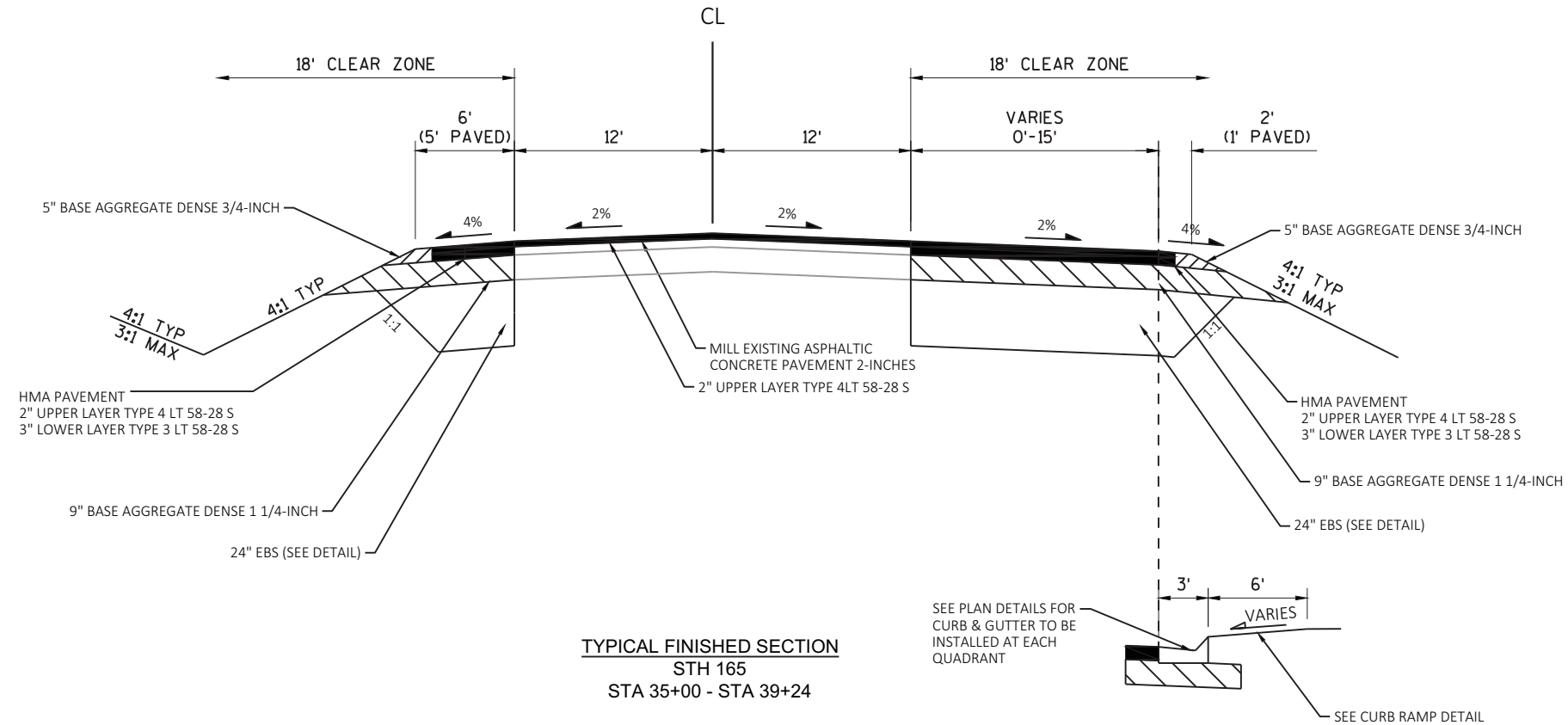
PROJECT OVERVIEW

SHEET

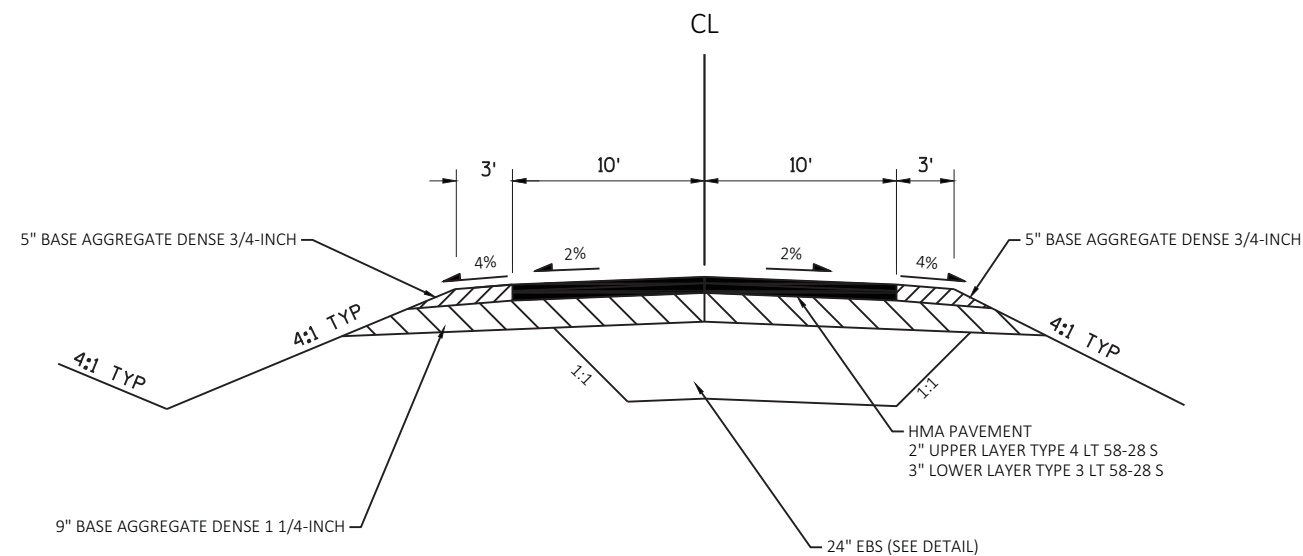
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INTERSECTION RADII ALL FOUR QUADRANTS



TYPICAL FINISHED SECTION
104TH ST
STA 40+89 - STA 44+20

PROJECT NO: 3240-11-70

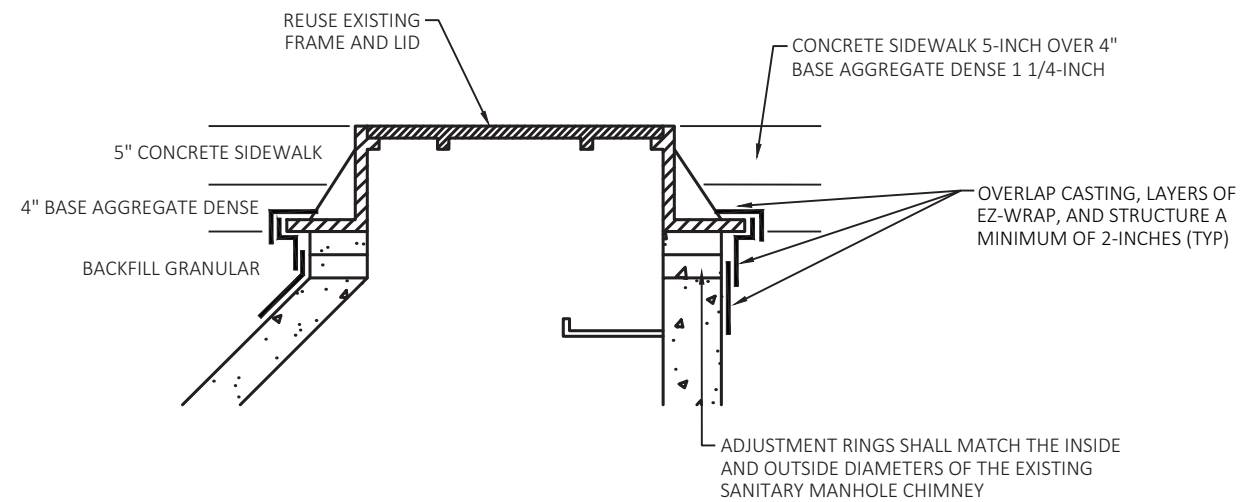
HWY: STH 32

COUNTY: KENOSHA

TYPICAL SECTIONS

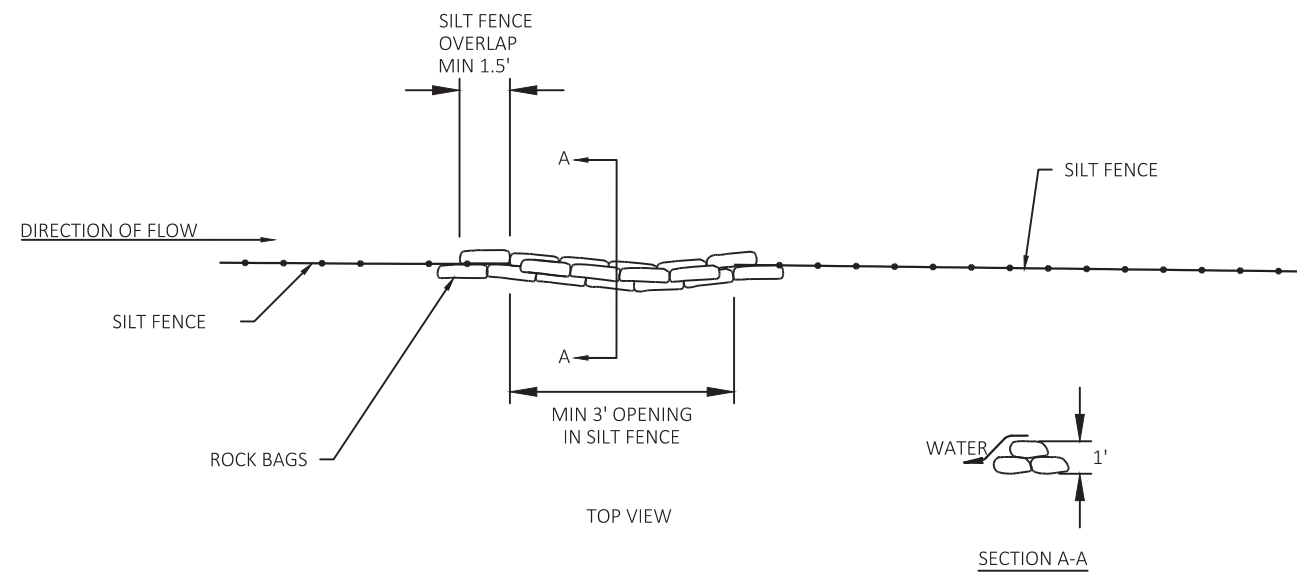
SHEET

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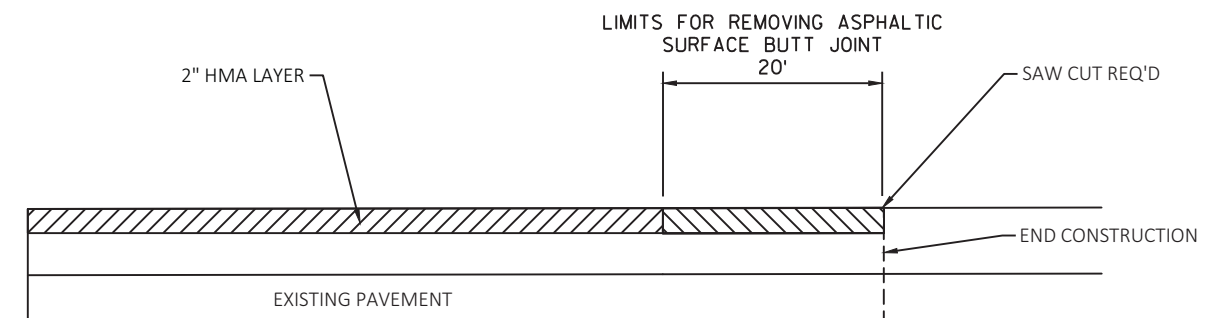


ADJUSTING SANITARY MANHOLES

NOT TO SCALE



ROCK BAGS USED FOR SILT FENCE RELIEF



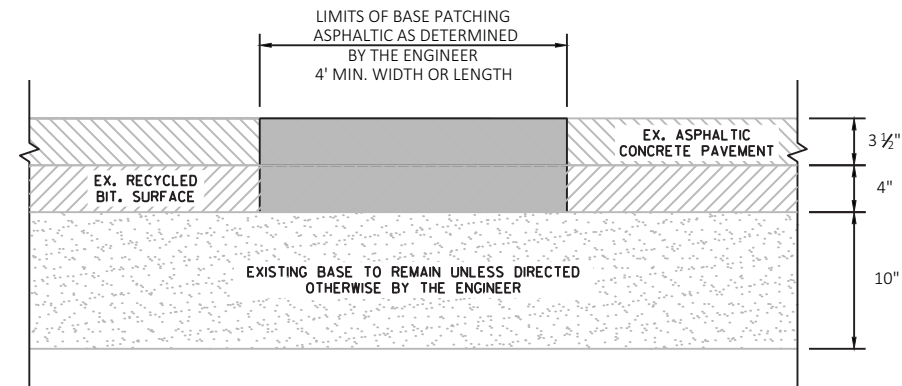
MILL TO BE PAID AS REMOVING ASPHALTIC SURFACE MILLING



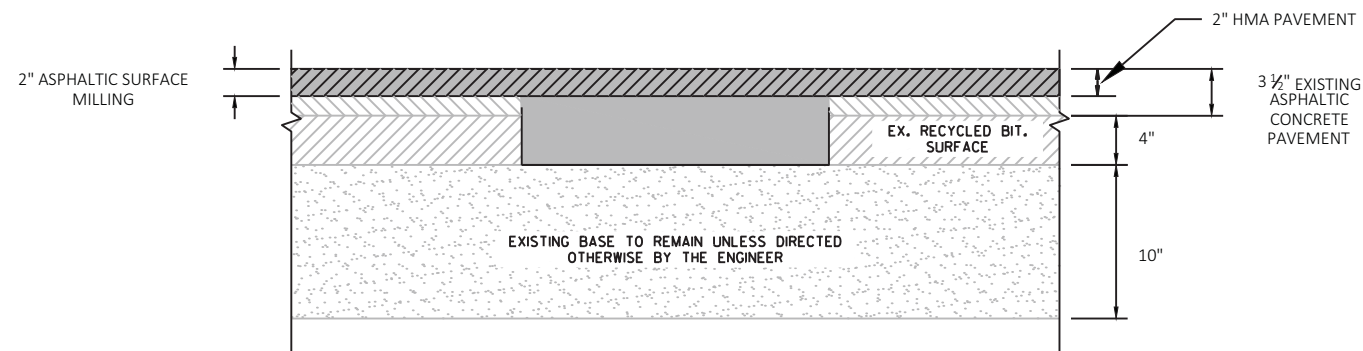
MILL TO BE PAID AS REMOVING ASPHALTIC SURFACE BUTT JOINT

BUTT JOINT DETAIL

STH 32 & STH 165



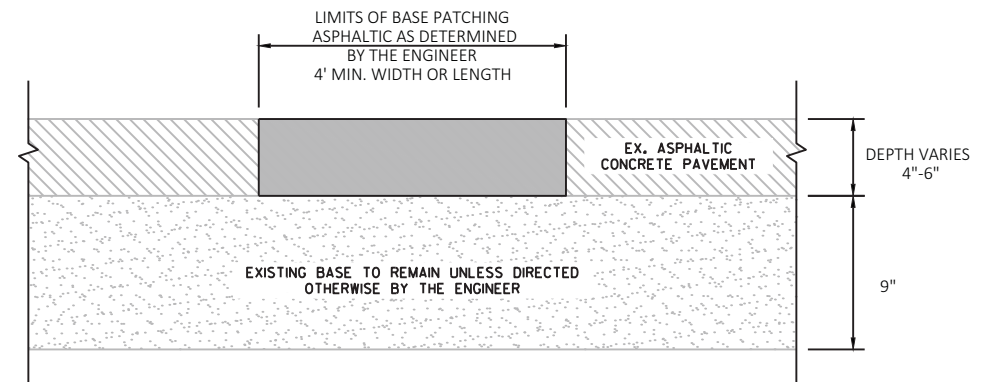
STH 32
BASE PATCHING ASPHALTIC



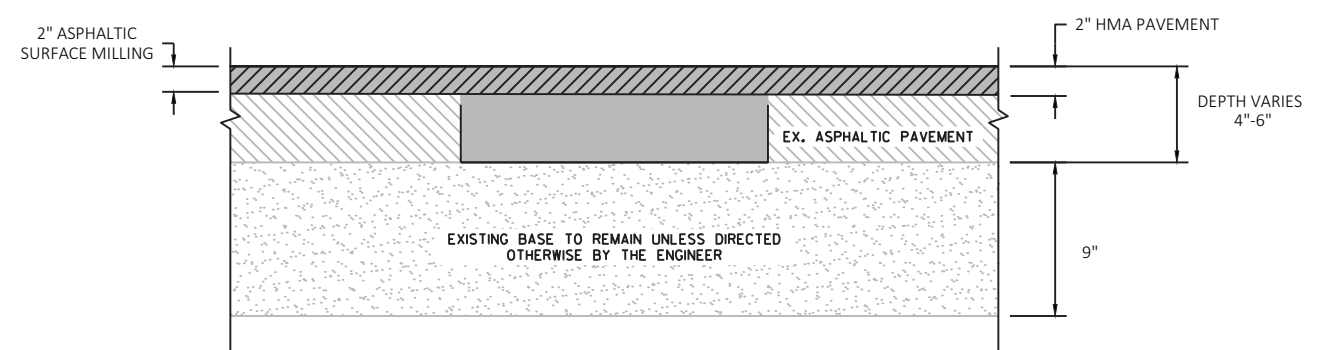
STH 32
REMOVING ASPHALTIC SURFACE MILLING
AFTER BASE PATCHING ASPHALTIC

NOTES:

- BASE PATCH EXISTING ASPHALT PRIOR TO MILLING ASPHALTIC SURFACE
- BASE BATCH LIMITS TO BE REMOVED AND PAVED IN SAME DAY
- BASE PATCH TO BE PLACED IN 1 LIFT UP TO EXISTING SURFACE



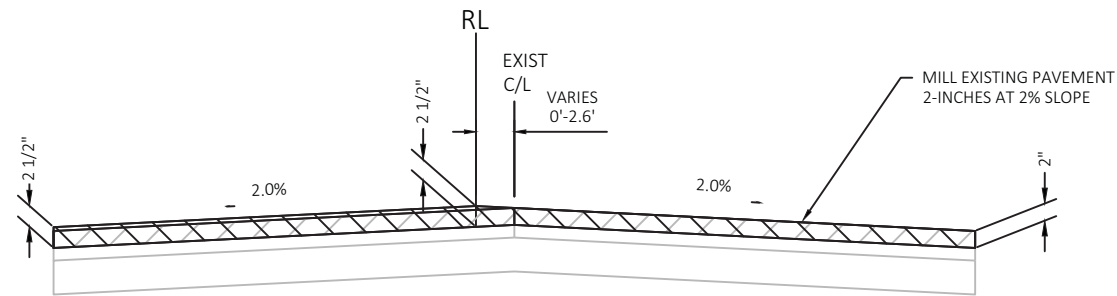
STH 165
BASE PATCHING ASPHALTIC



STH 165
REMOVING ASPHALTIC SURFACE MILLING
AFTER BASE PATCHING ASPHALTIC

NOTES:

- BASE PATCH EXISTING ASPHALT PRIOR TO MILLING ASPHALTIC SURFACE
- BASE BATCH LIMITS TO BE REMOVED AND PAVED IN SAME DAY
- BASE PATCH TO BE PLACED IN 1 LIFT UP TO EXISTING SURFACE



MILLING DETAIL FOR CROWN CORRECTION
STH 32
STA 94+00 - STA 107+00

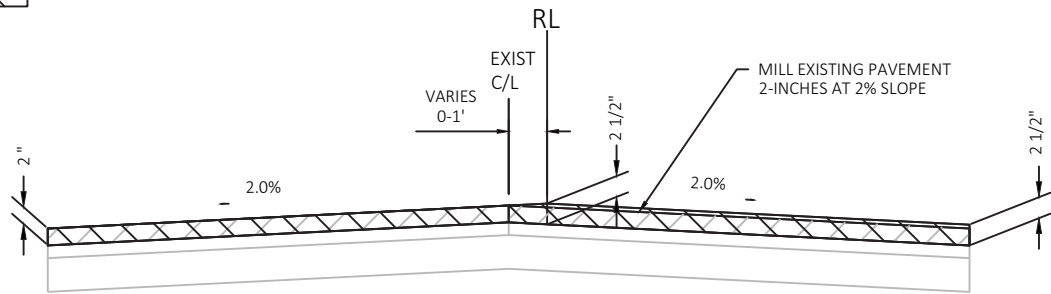
LEGEND



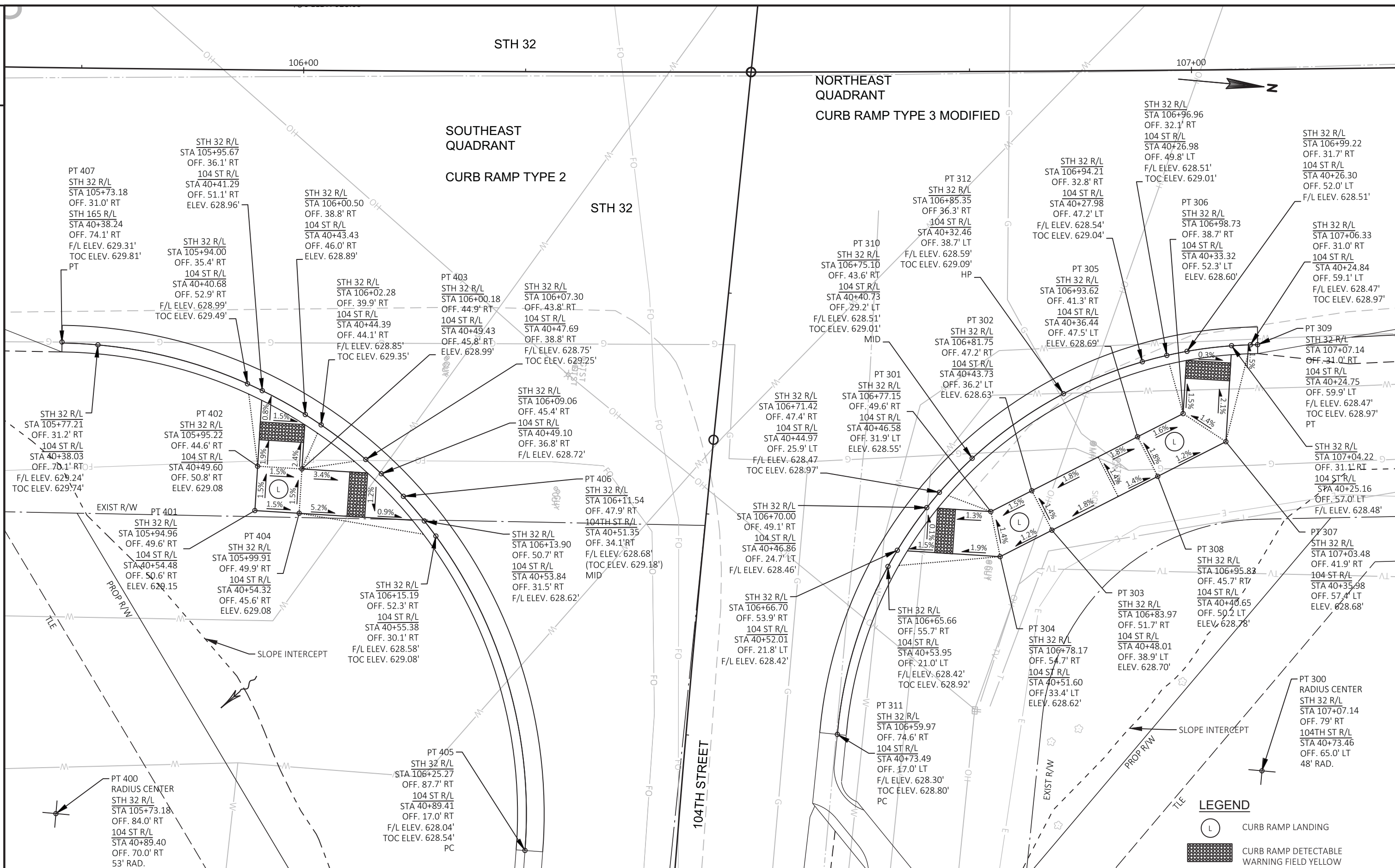
MILL AT 2% SLOPE



HMA 4LT 58-28 S



MILLING DETAIL FOR CROWN CORRECTION
STH 32
STA 107+00 - STA 114+00



PROJECT NO: 3240-11-70

HWY: STH 32

COUNTY: KENOSHA

CONSTRUCTION DETAILS: CURB RAMPS

SHEET

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LEGEND



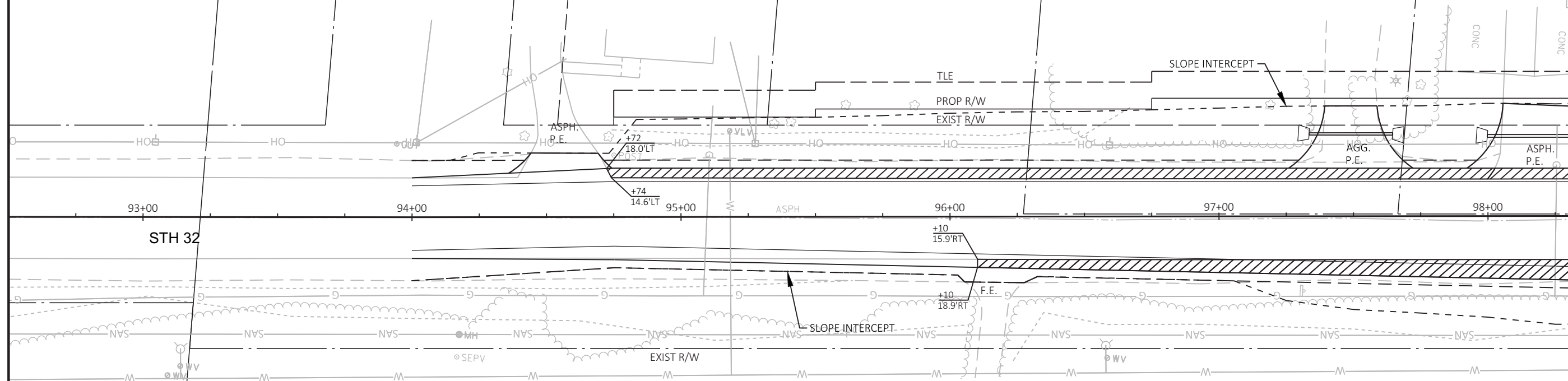
EBS Required, Widening Greater than 2'

10626 SHERIDAN RD

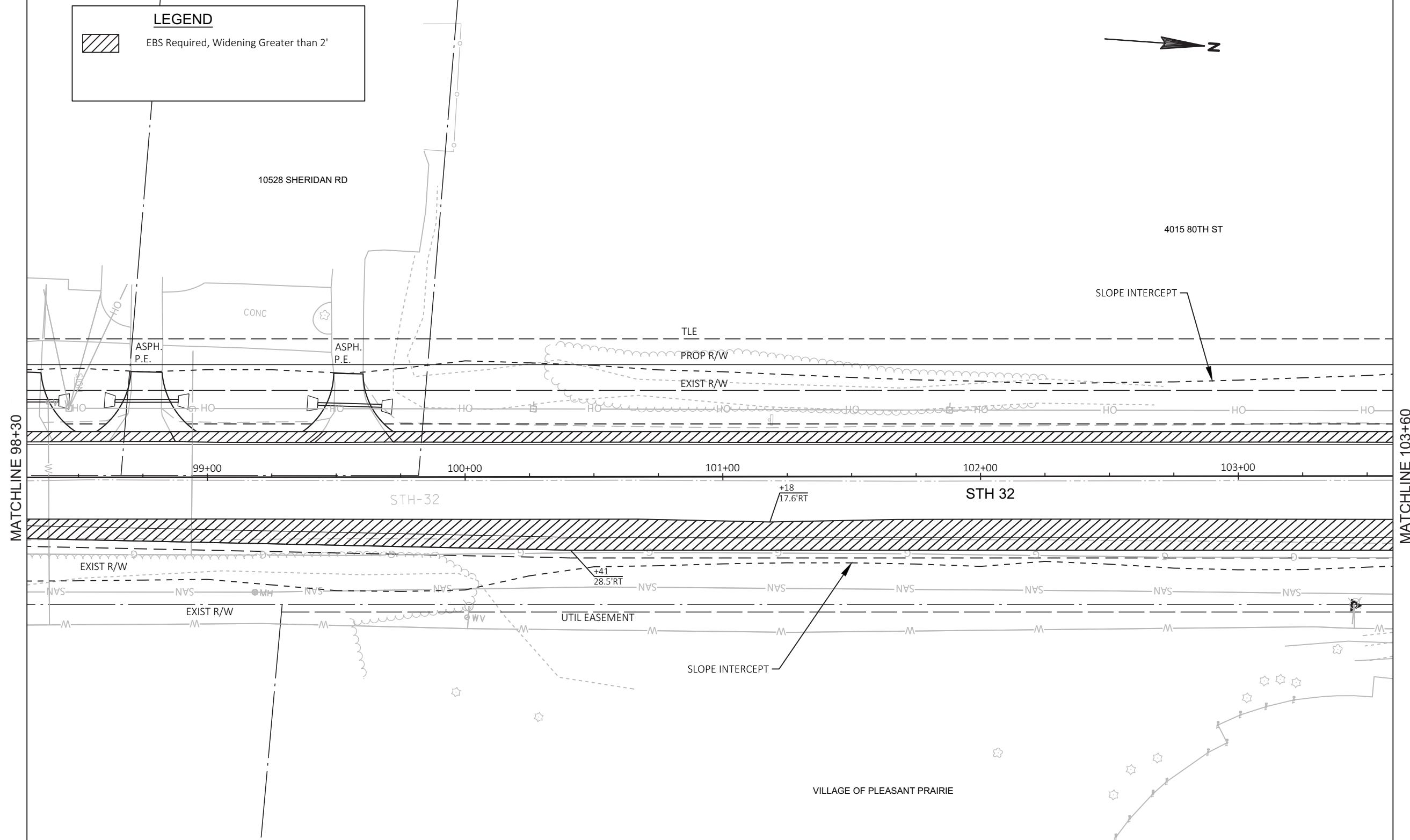
96 STEPHANIE LN

LIVING TRUST 307 20TH AVE

A-1 MARINE & AUTO



MATCHLINE 98+30



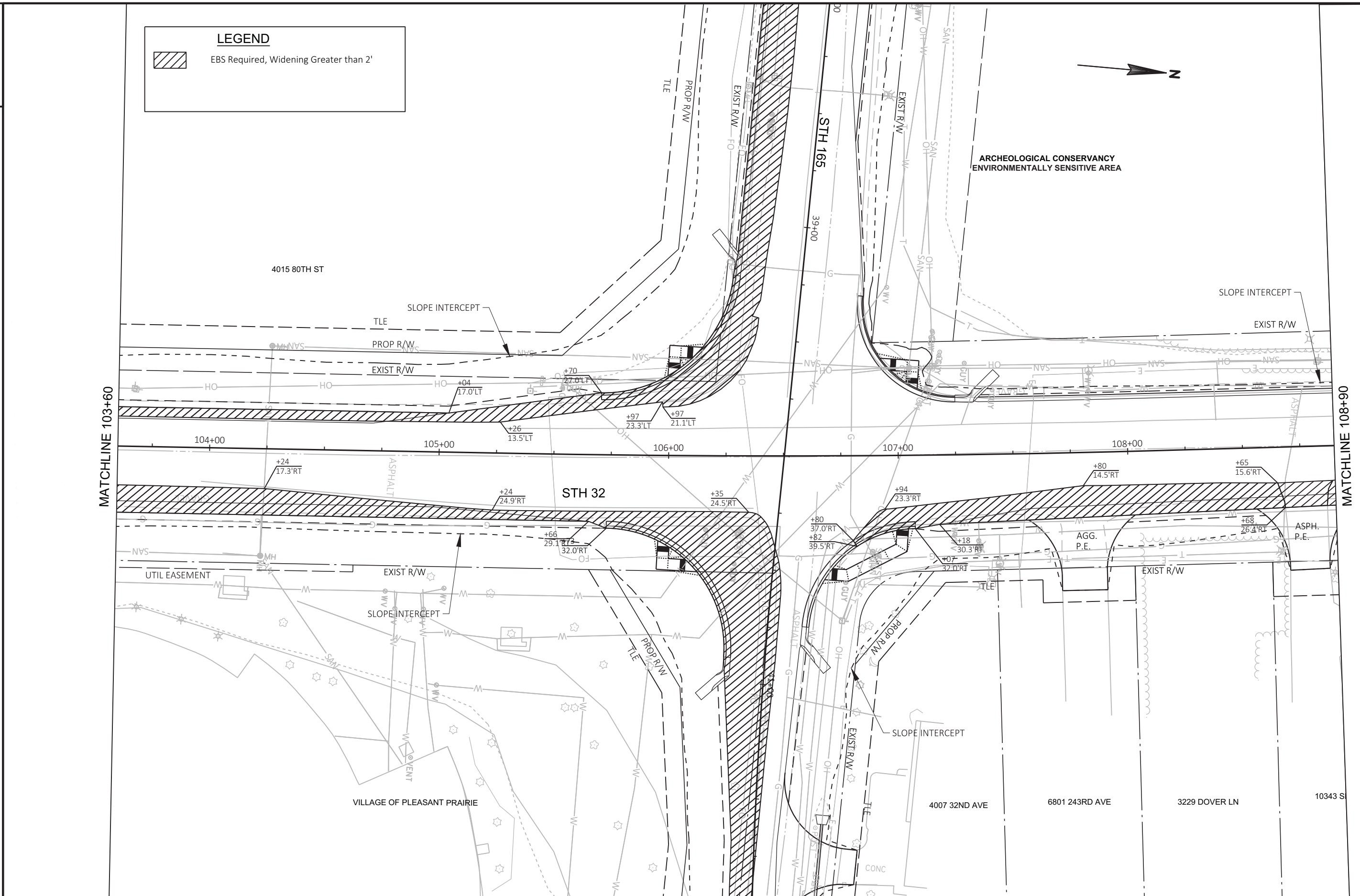
LEGEND

 EBS Required, Widening Greater than 2'



MATCHLINE 103+60

MATCHLINE 108+90



PROJECT NO: 3240-11-70

HWY: STH 32

COUNTY: KENOSHA

EBS DETAILS: STH 32

SHEET

E

FILE NAME : J:\ACTIVE\SE\3240-11-00_STH 165 & STH 32\C3D\32401100\SHEETSP\AN\DWG\021003_CD.DWG
LAYOUT NAME - 03

PLOT DATE : 2/1/2021 11:45 AM

PLOT BY : KAYLA DEBACCO

PLOT NAME :

PLOT SCALE : 1 IN:40 FT

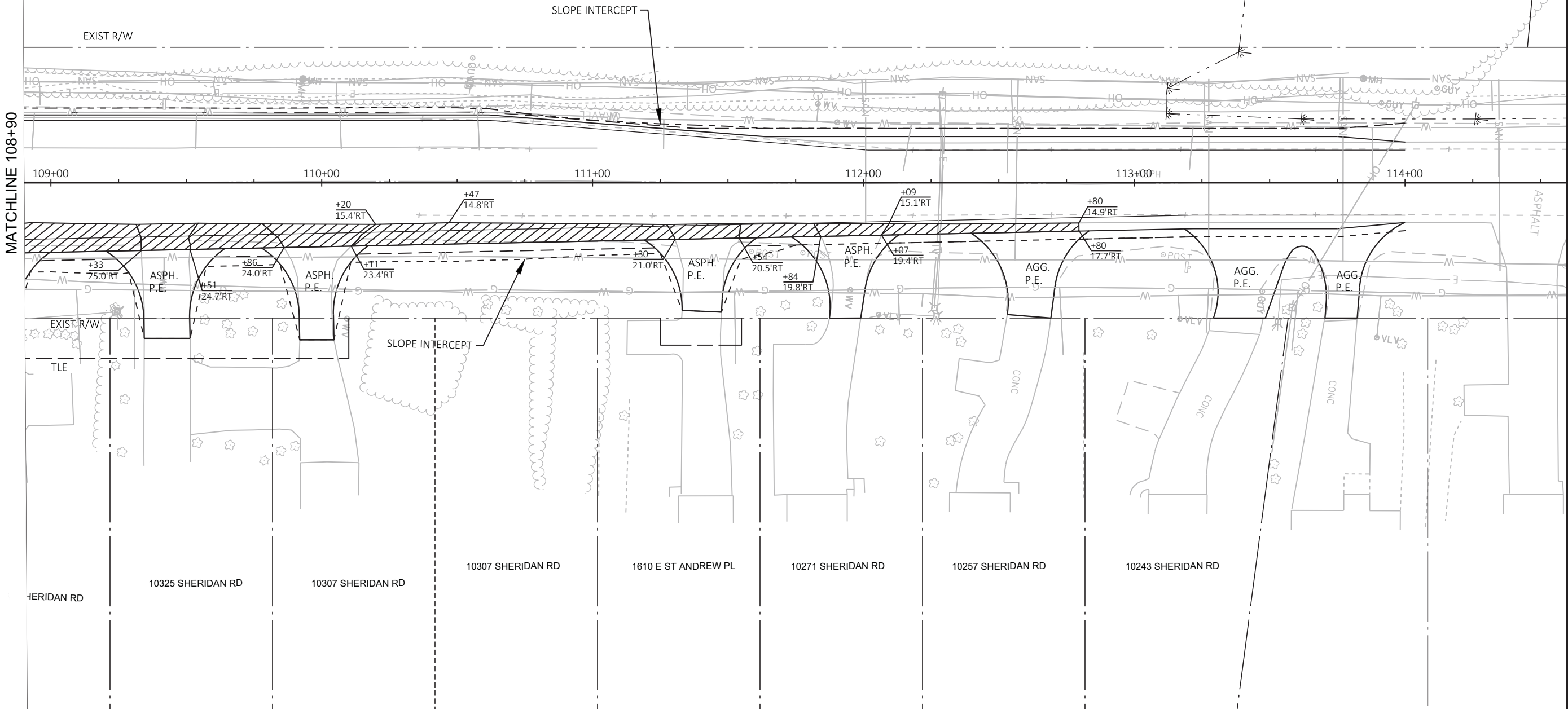
WISDOT/CADDs SHEET 42

LEGEND

EBS Required, Widening Greater than 2'



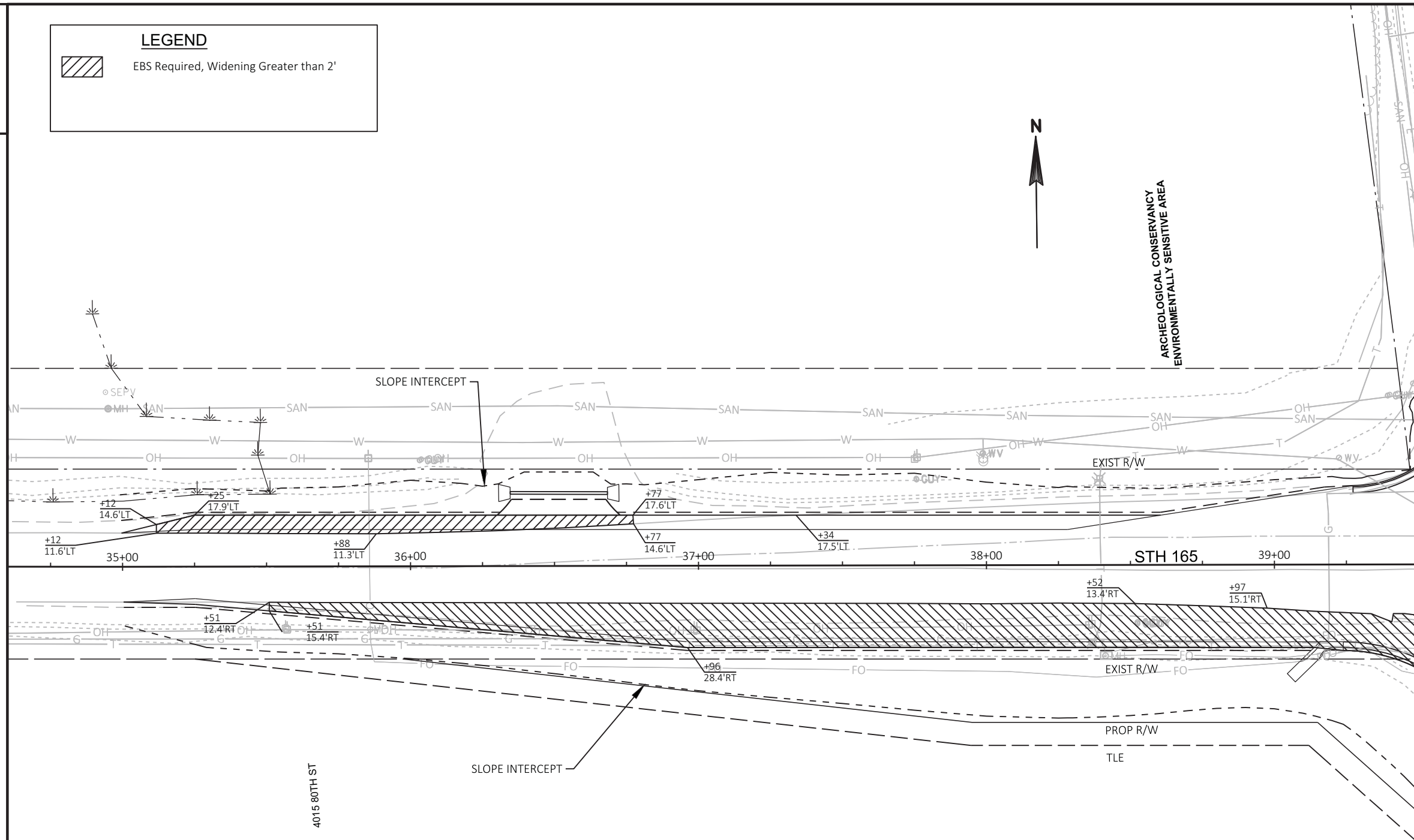
ARCHEOLOGICAL CONSERVANCY
ENVIRONMENTALLY SENSITIVE AREA

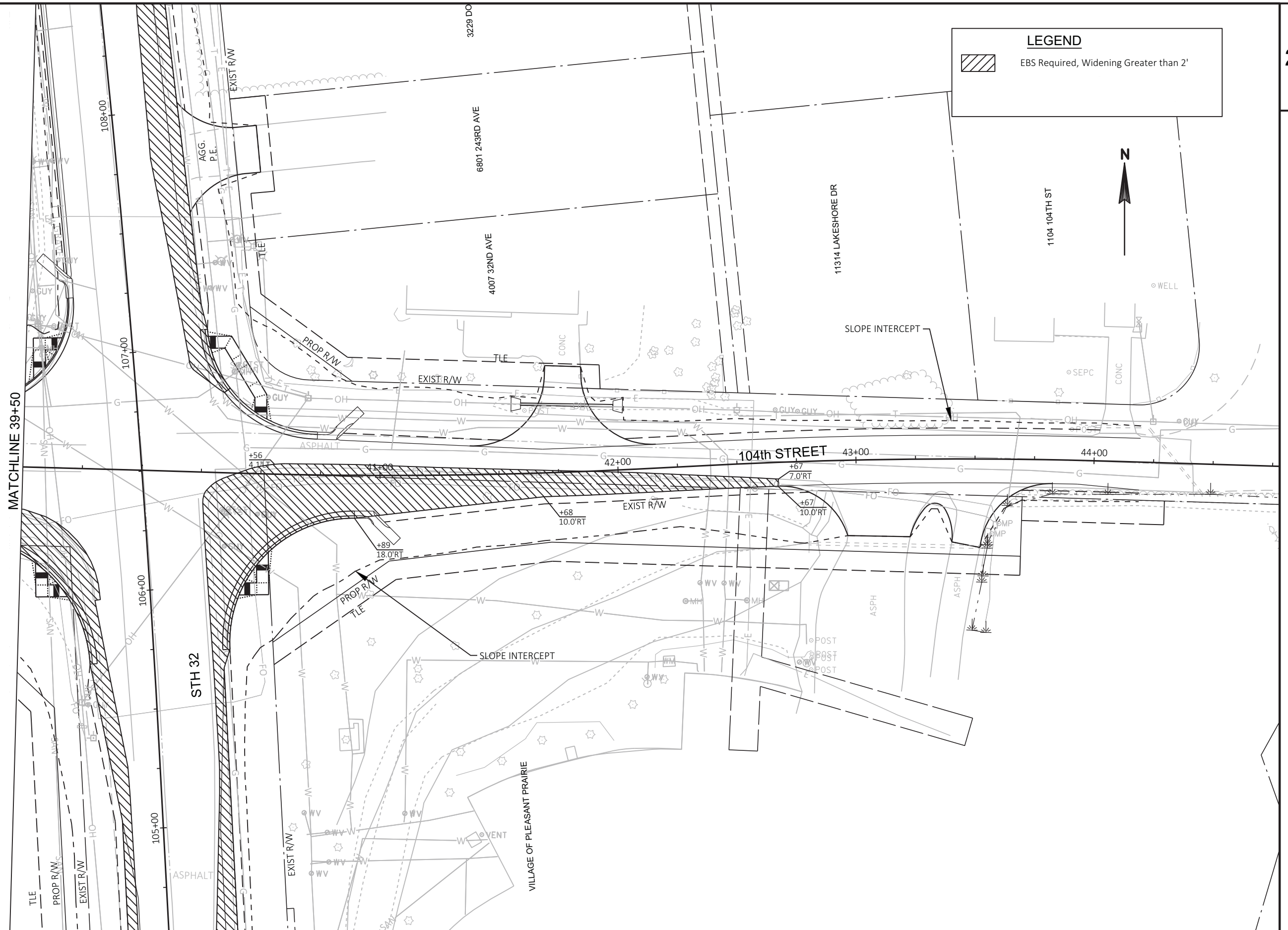


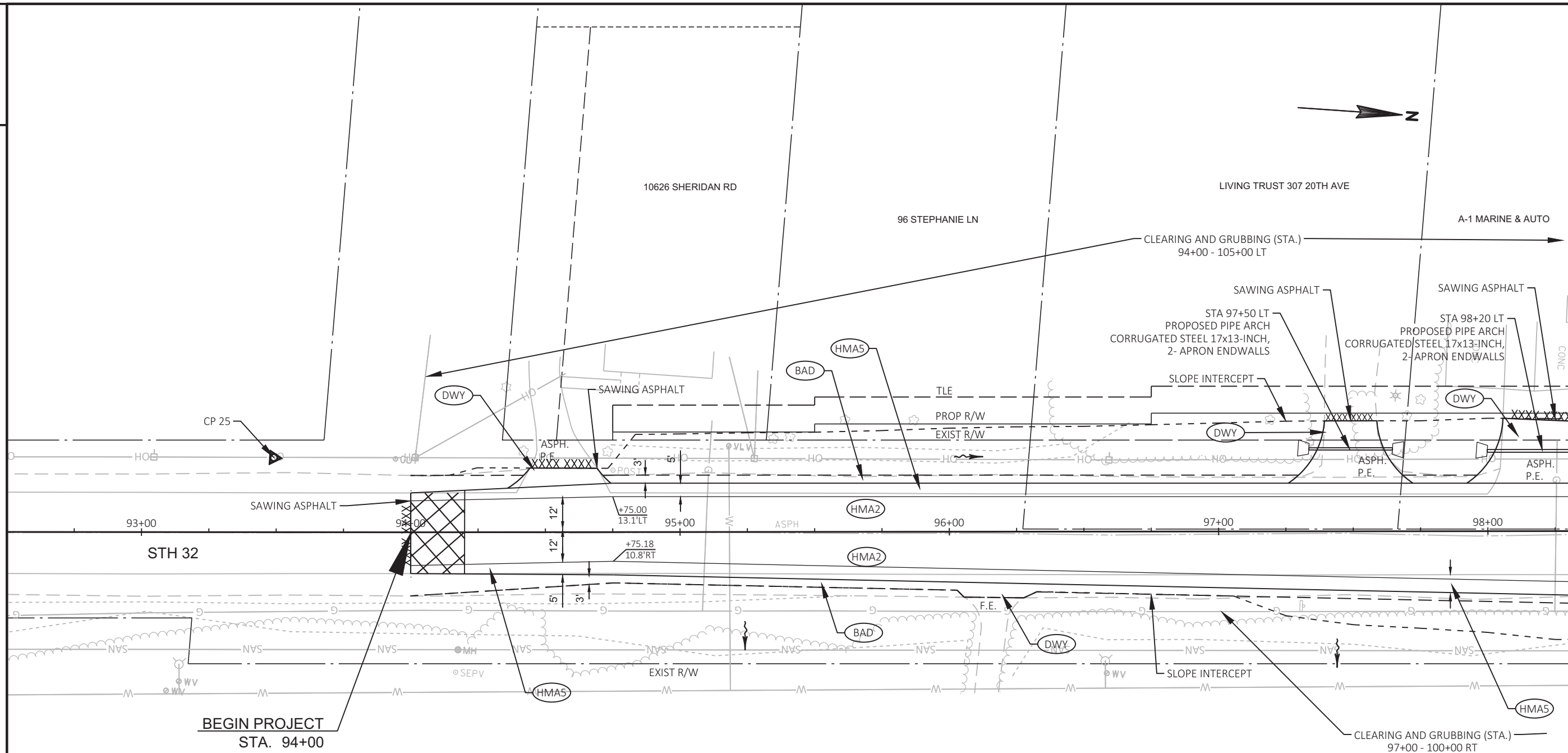
LEGEND



EBS Required, Widening Greater than 2'







BEGIN PROJECT
STA. 94+00
MATCH EXISTING
SAWCUT REQ'D

LEGEND

	BASE AGGREGATE DENSE		SAWCUT (ASPHALT OR CONCRETE)
	HMA PAVEMENT 2-INCH		FLOW ARROW
	HMA PAVEMENT 5-INCH		CLEARING AND GRUBBING (I.D.)
	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH, TYPE D		BUTT JOINT
	ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES (3")		CONCRETE DRIVEWAY 6-INCH

VILLAGE OF PLEASANT PRAIRIE

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP 25	93+49.11, 27.7' LT	631.9500	BERNSTEN FENO MONUMENT

BAD

BASE AGGREGATE DENSE

HMA2

HMA PAVEMENT 2-INCH

HMA5

HMA PAVEMENT 5-INCH

36D

CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH, TYPE D

DWY

ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES (3")

XXXX

SAWCUT (ASPHALT OR CONCRETE)

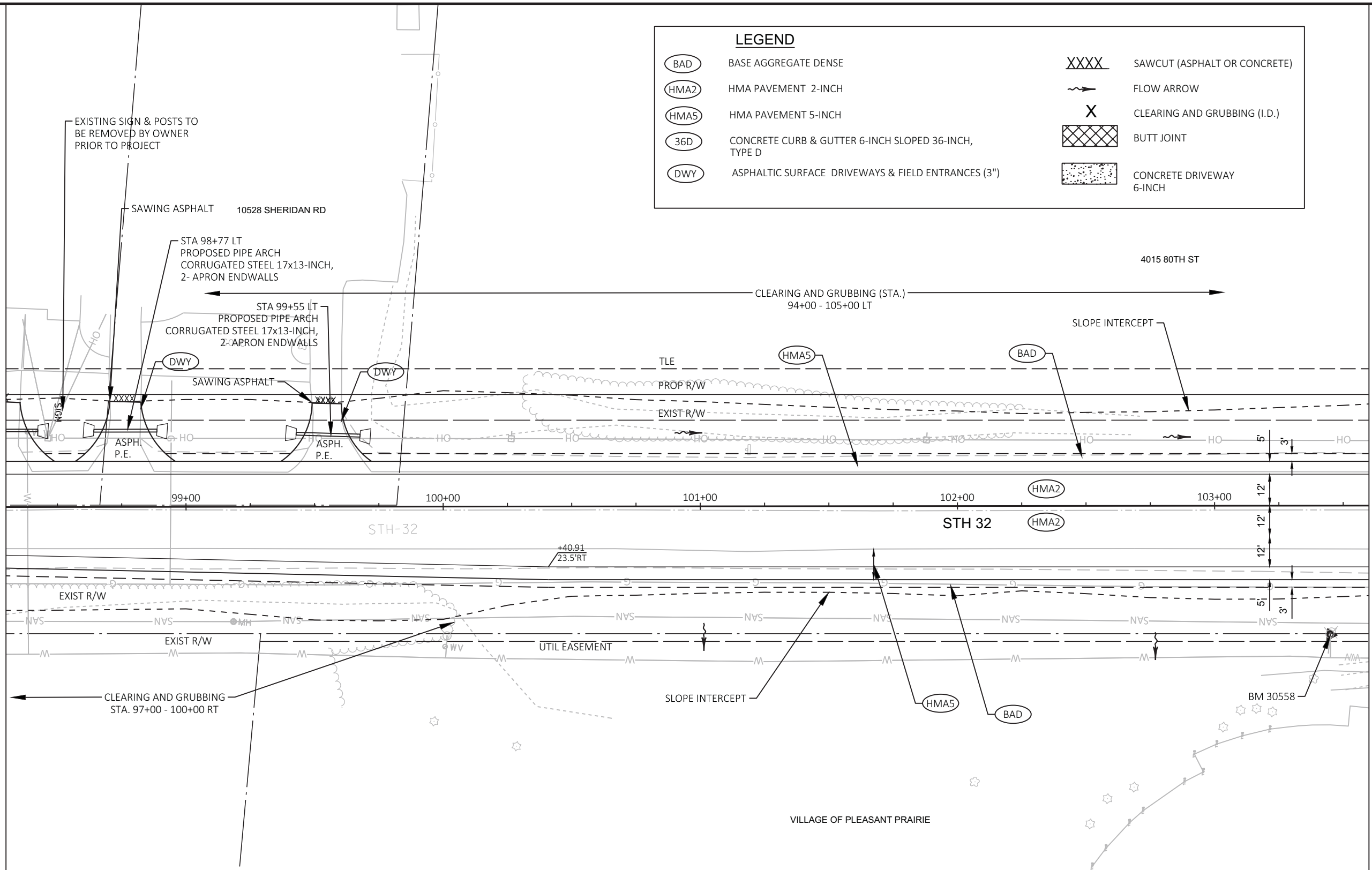
FLOW ARROW

X

CLEARING AND GRUBBING (I.D.)

BUTT JOINT

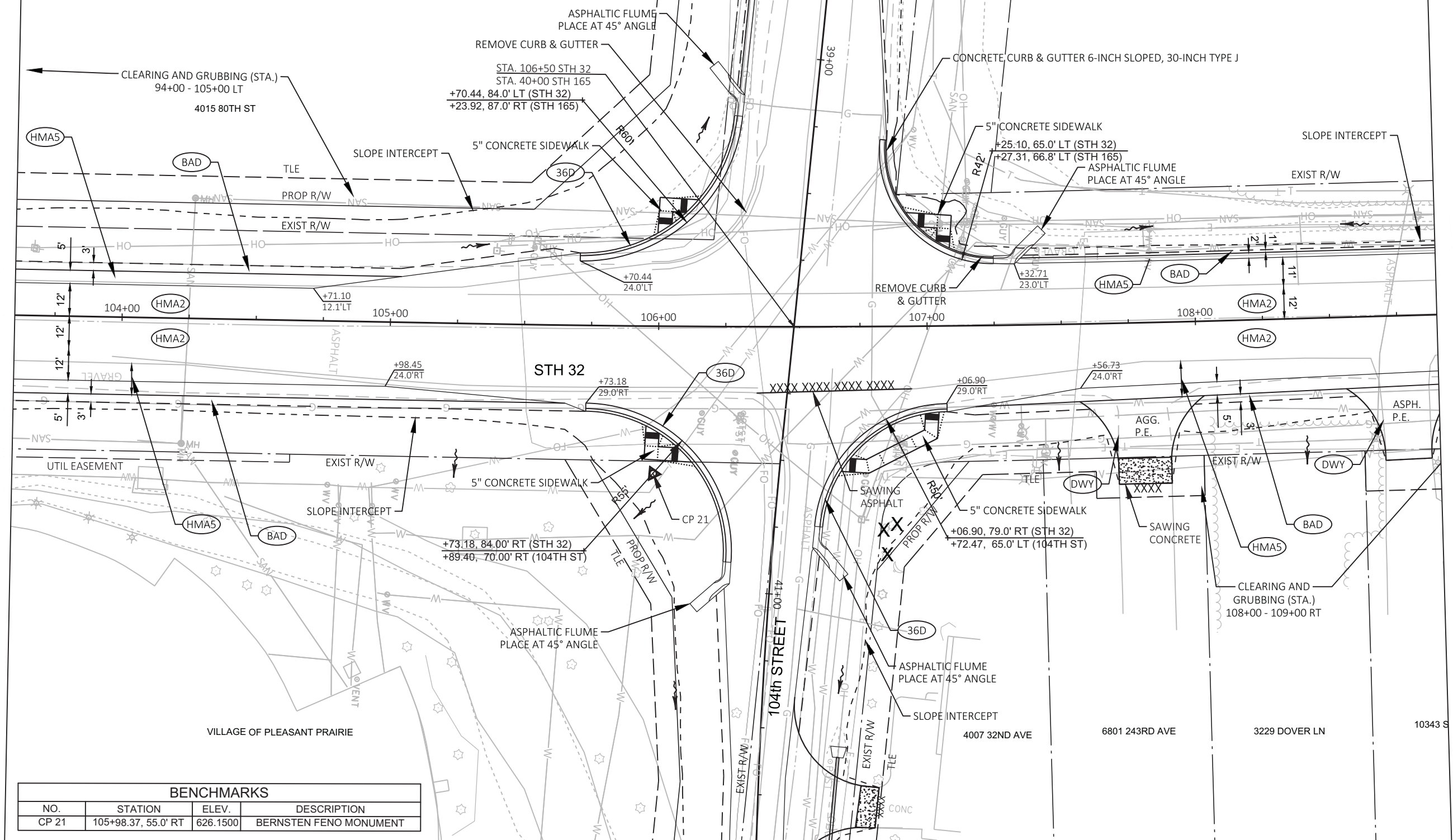
CONCRETE DRIVEWAY 6-INCH



BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
BM 30558	103+45.09, 50.4' RT	625.7300	HYDRANT

LEGEND

(BAD)	BASE AGGREGATE DENSE	XXXX	SAWCUT (ASPHALT OR CONCRETE)
(HMA2)	HMA PAVEMENT 2-INCH	→	FLOW ARROW
(HMA5)	HMA PAVEMENT 5-INCH	X	CLEARING AND GRUBBING (I.D.)
(36D)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH, TYPE D	XXXX	BUTT JOINT
(DWY)	ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES (3")	XXXX	CONCRETE DRIVEWAY 6-INCH



PROJECT NO: 3240-11-70

HWY: STH 32

COUNTY: KENOSHA

PLAN DETAILS: STH 32

SHEET

E

FILE NAME : J:\ACTIVE\SE\3240-11-00-STH 165 & STH 32\C3D\32401100\SHEETS\PLAN\DWG\021201_PD-STH 32.DWG
LAYOUT NAME - 03

PLOT DATE : 2/1/2021 11:49 AM

PLOT BY : KAYLA DEBACCO

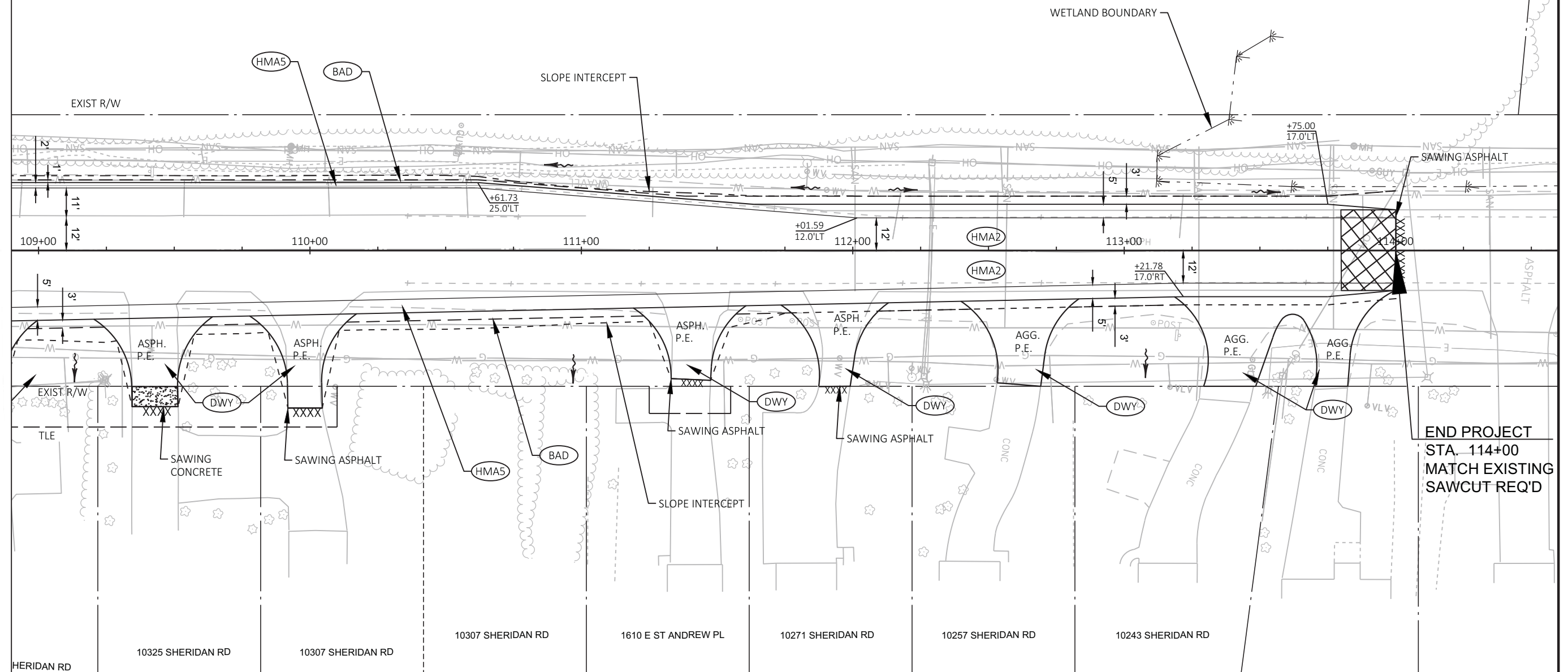
PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDs SHEET 42

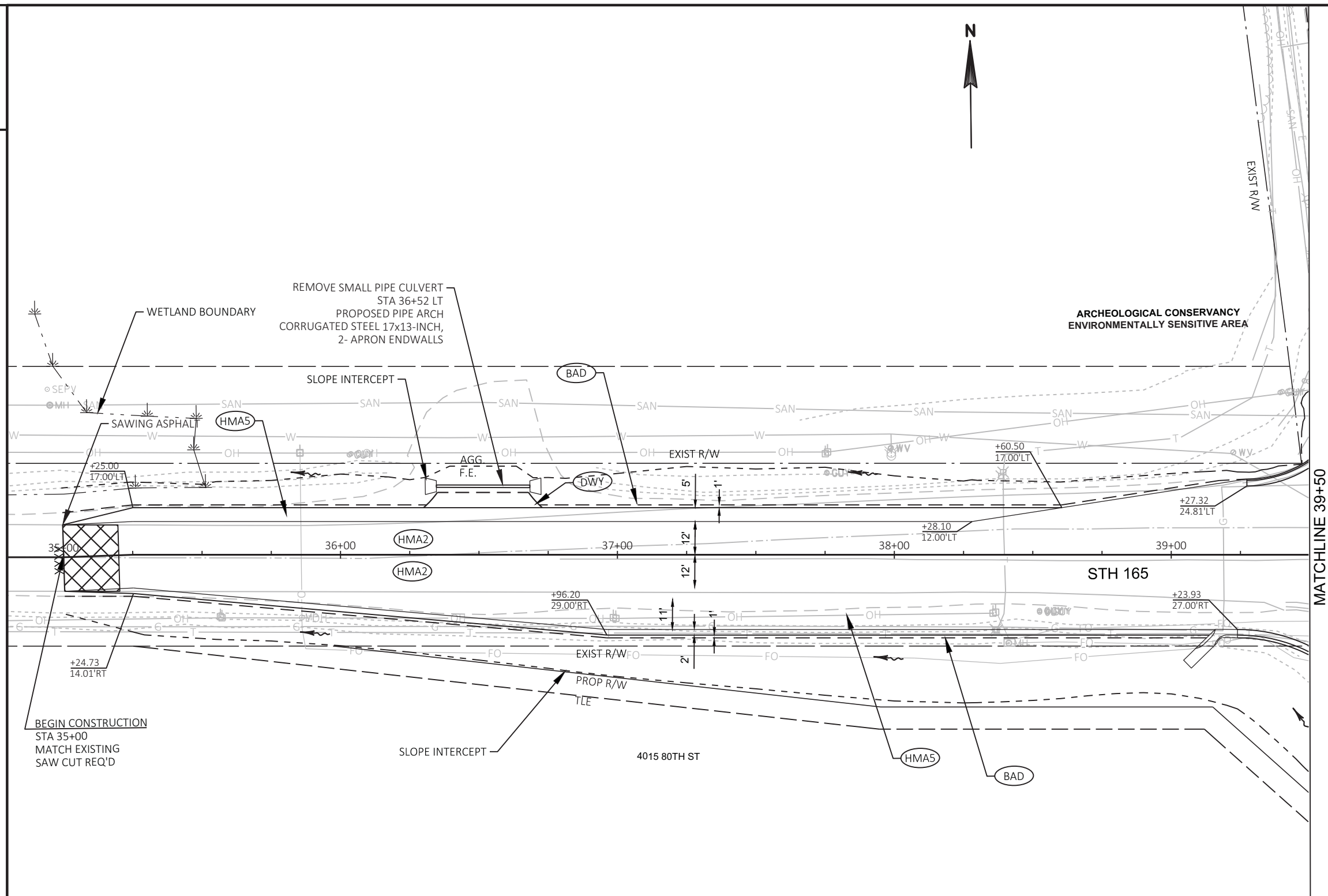
LEGEND

(BAD)	BASE AGGREGATE DENSE	XXXX	SAWCUT (ASPHALT OR CONCRETE)
(HMA2)	HMA PAVEMENT 2-INCH	→	FLOW ARROW
(HMA5)	HMA PAVEMENT 5-INCH	X	CLEARING AND GRUBBING (I.D.)
(36D)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH, TYPE D	XXXX	BUTT JOINT
(DWY)	ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES (3")	XXXX	CONCRETE DRIVEWAY 6-INCH

ARCHEOLOGICAL CONSERVANCY
ENVIRONMENTALLY SENSITIVE AREA

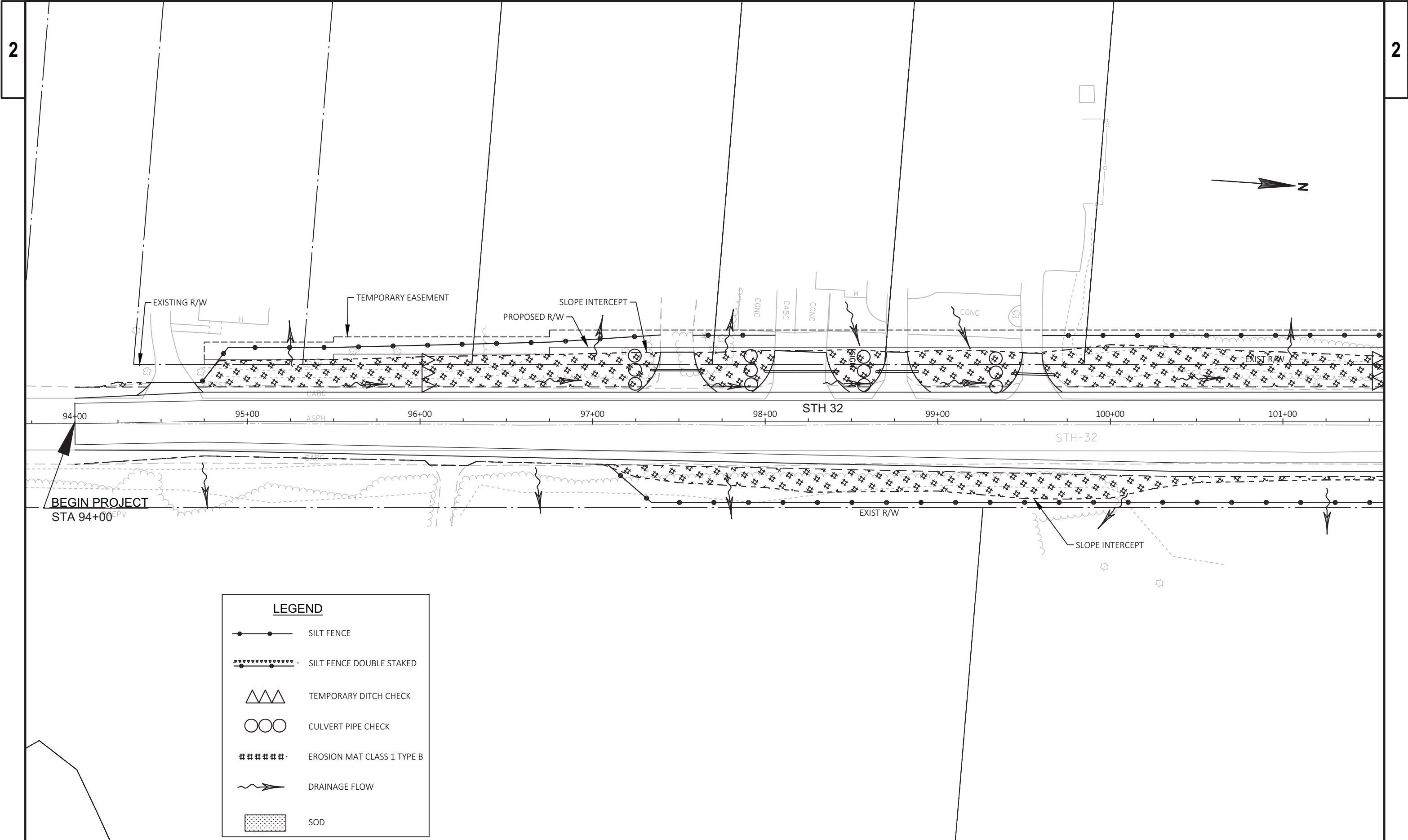
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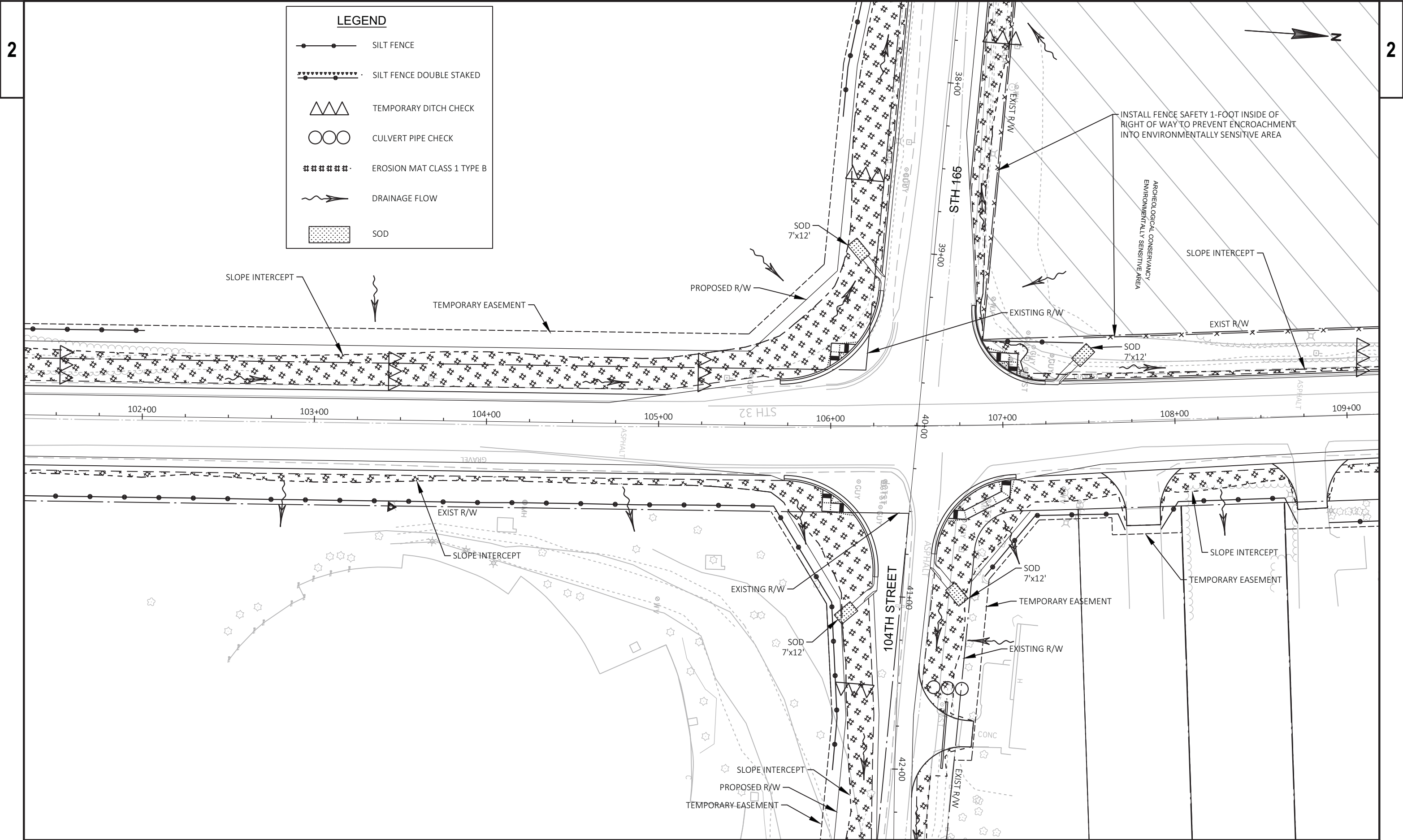
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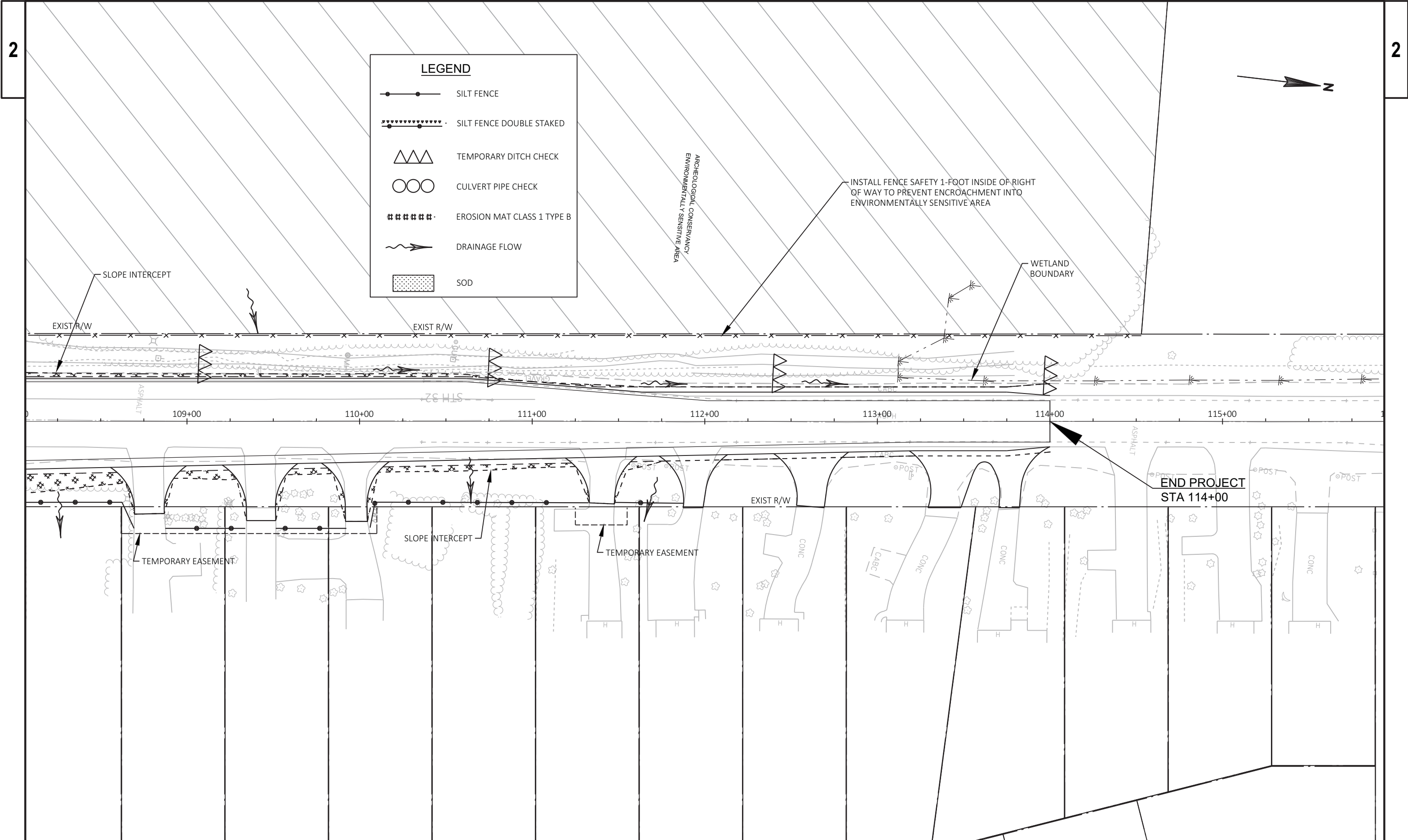


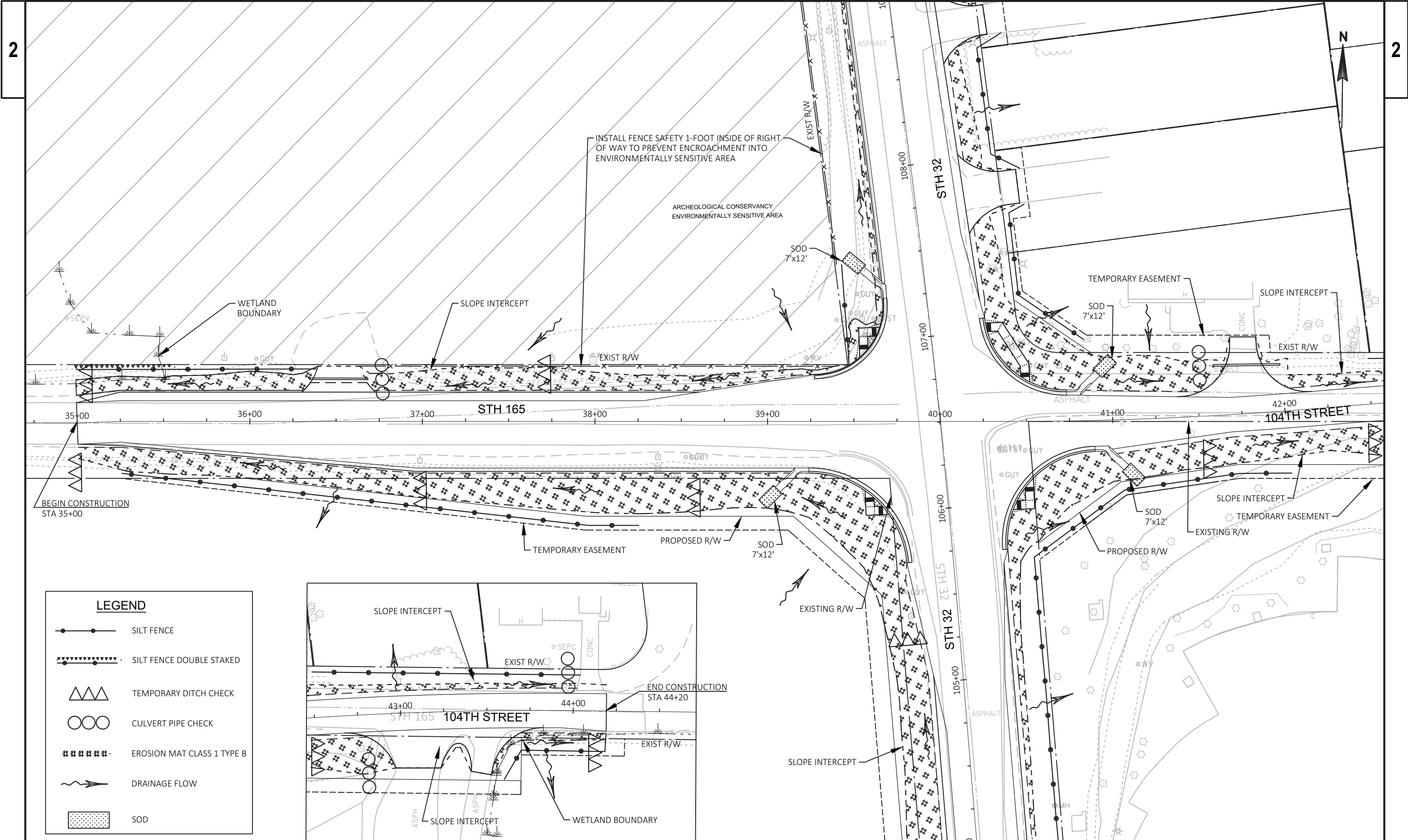
LEGEND		
	BASE AGGREGATE DENSE	 SAWCUT (ASPHALT OR CONCRETE)
	HMA PAVEMENT 2-INCH	 FLOW ARROW
	HMA PAVEMENT 5-INCH	 CLEARING AND GRUBBING (I.D.)
	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH, TYPE D	 BUTT JOINT
	ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES (3")	 CONCRETE DRIVEWAY 6-INCH











LEGEND

SILT FENCE

SILT FENCE DOUBLE STAKED

TEMPORARY DITCH CHECK

CULVERT PIPE CHECK

EROSION MAT CLASS 1 TYPE B

DRAINAGE FLOW

SOD

PROJECT NO: 3240-11-70

HWY: STH 32

COUNTY: KENOSHA

EROSION CONTROL

SHEET

E

FILE NAME : J:\ACTIVE\SE\3240-11-00_STH 165 & STH 32\C3D\32401100\SHEETPLAN\DWG\022001_EC.DWG

LAYOUT NAME : 04

PLOT DATE : 2/1/2021 11:53 AM

PLOT BY : KAYLA DEBACCO

PLOT NAME :

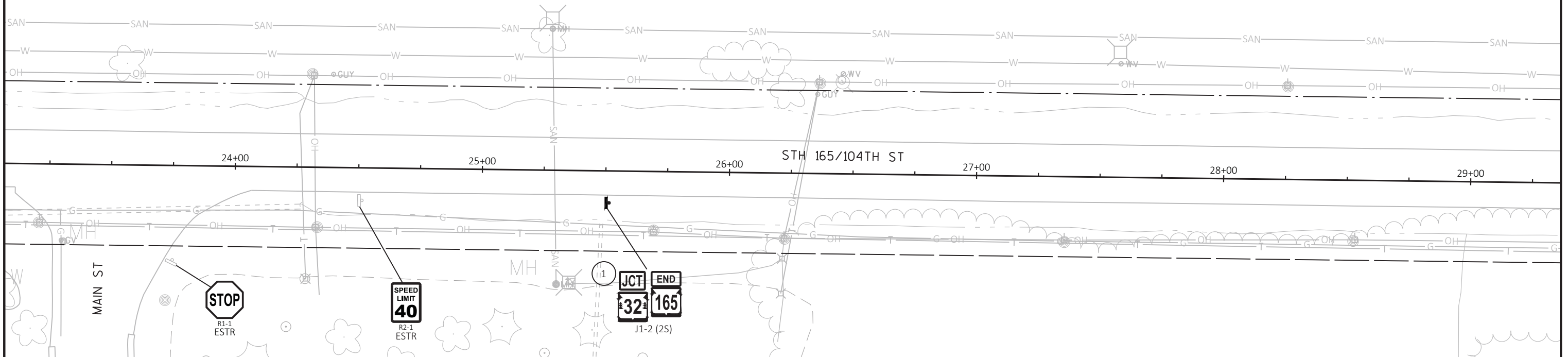
PLOT SCALE : 1 IN:50 FT

WISDOT/CADDs SHEET 42



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE



TYPE II ALUMINUM SIGNS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE COUNTY SIGN SHOP. CONTACT THE FOLLOWING INDIVIDUAL AT THE SIGN SHOP FOR DISTRIBUTION COUNTY LOCATION.

SIGNING COORDINATOR COUNTY(S) PHONE#

- DENNIS NEWTON MILWAUKEE 414-750-0257
- DENNIS NEWTON RACINE 414-750-0257
- JENNY BUCKETT KENOSHA, WASHINGTON, OZAUKEE 414-750-2427
- CHUCK SALDIVAR WALWORTH, WAUKESHA 414-750-1682

SIGNS SHALL BE CAREFULLY REMOVED FROM SIGN SUPPORTS. THE SIGNS SHALL BE PALLETIZED FOR HANDLING WITH A FORKLIFT (SEE STANDARD SPEC 638.3.4). THE REGIONAL SIGN SHOP (414-266-1165) SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF THE SIGNS.

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

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

STREET NAME SIGNS ARE PROPERTY OF THE MUNICIPALITY (CITY, VILLAGE OR TOWN). THE MUNICIPALITY SHALL BE CONTACTED TO REMOVE THEIR STREET NAME SIGNS PRIOR TO CONSTRUCTION AND IT IS THEIR RESPONSIBILITY TO REINSTALL THE OLD SIGNS OR REPLACE THEM FOLLOWING CONSTRUCTION. WISDOT DOES NOT FURNISH OR INSTALL STREET NAME SIGNS. THE STREET NAME SIGNS SHALL NOT BE PLACED ON TOP OF THE STOP SIGNS.

LOCATE NO PASSING PENNANTS BASED ON ESTABLISHING NO PASSING ZONES PAY ITEM. PLACE SIGNS BASED ON WHERE THE PAVEMENT MARKING FOR NO PASSING ZONES BEGIN.

SHEET 1 OF 11

PROJECT NO: 3240-11-70

HWY: STH 32

COUNTY: KENOSHA

PERMANENT SIGNING

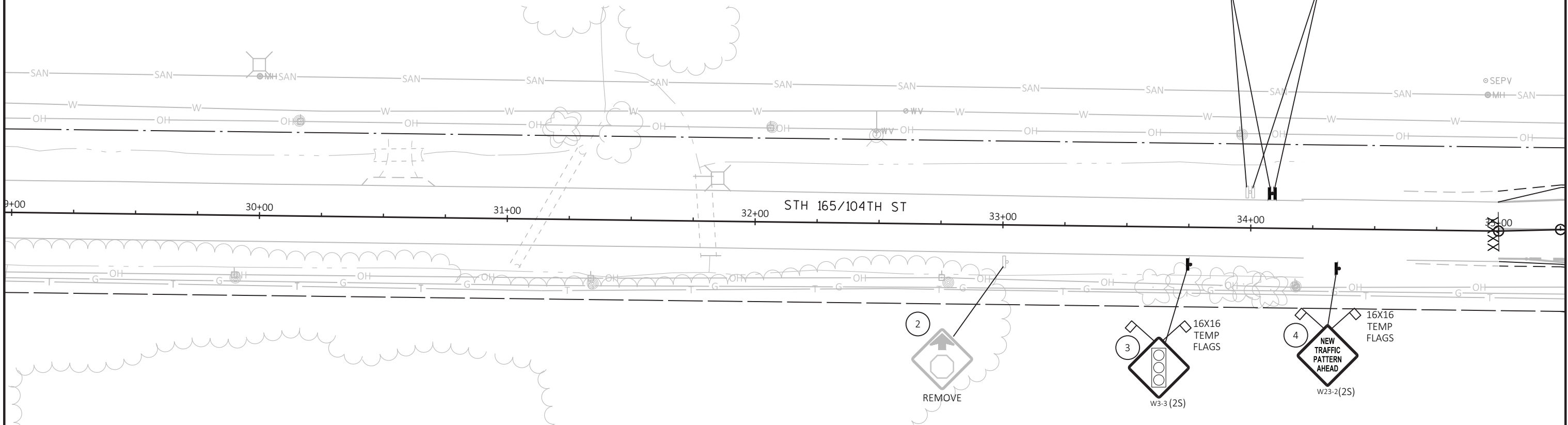
SHEET

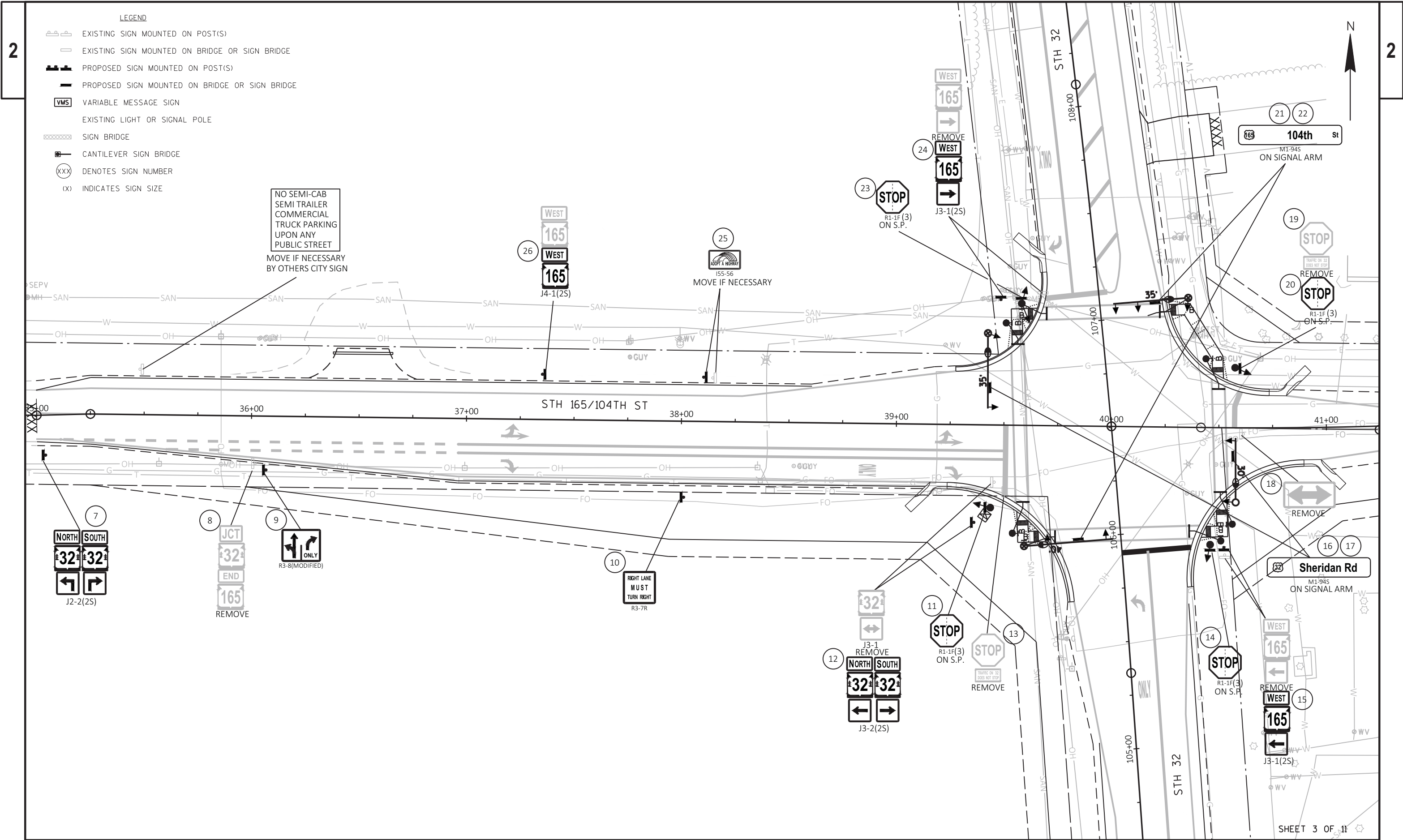
E



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE

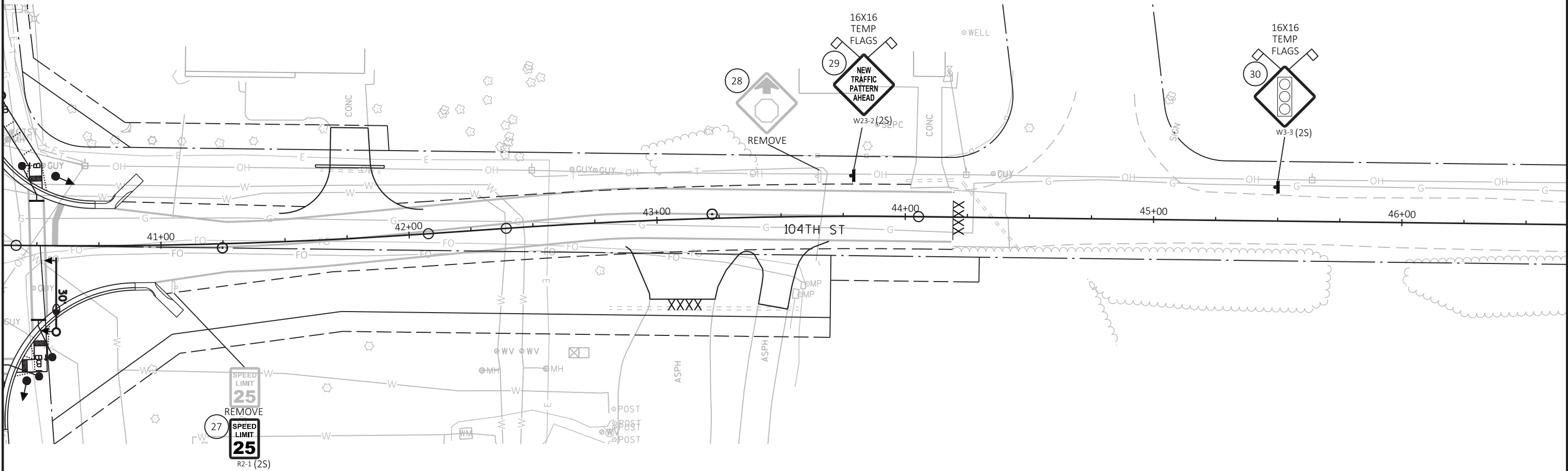






LEGEND

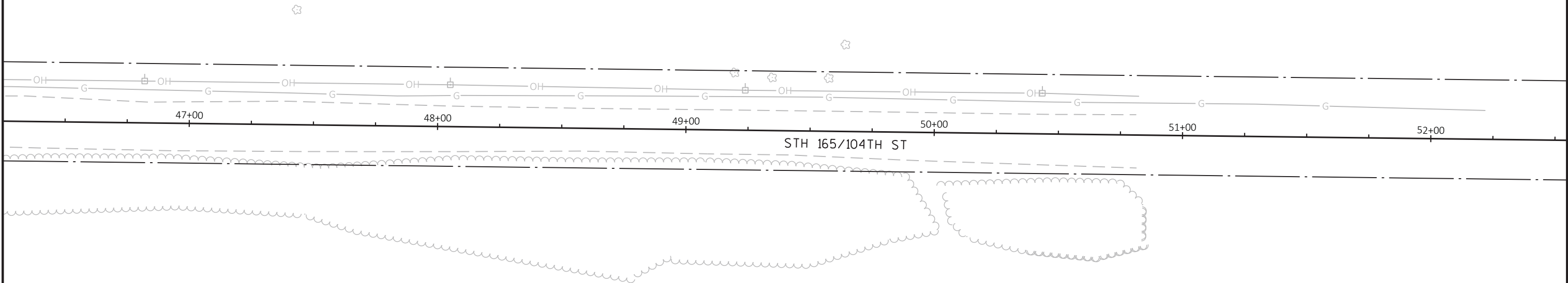
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- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE





LEGEND

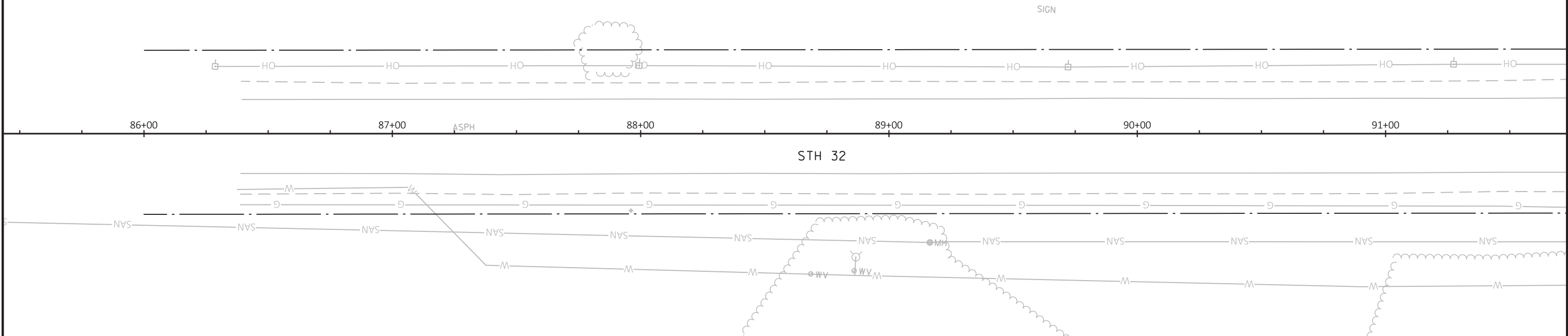
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- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE



NO SIGNS
THIS SHEET

LEGEND

-  EXISTING SIGN MOUNTED ON POST(S)
-  EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
-  PROPOSED SIGN MOUNTED ON POST(S)
-  PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
-  VARIABLE MESSAGE SIGN
-  EXISTING LIGHT OR SIGNAL POLE
-  SIGN BRIDGE
-  CANTILEVER SIGN BRIDGE
-  DENOTES SIGN NUMBER
-  INDICATES SIGN SIZE



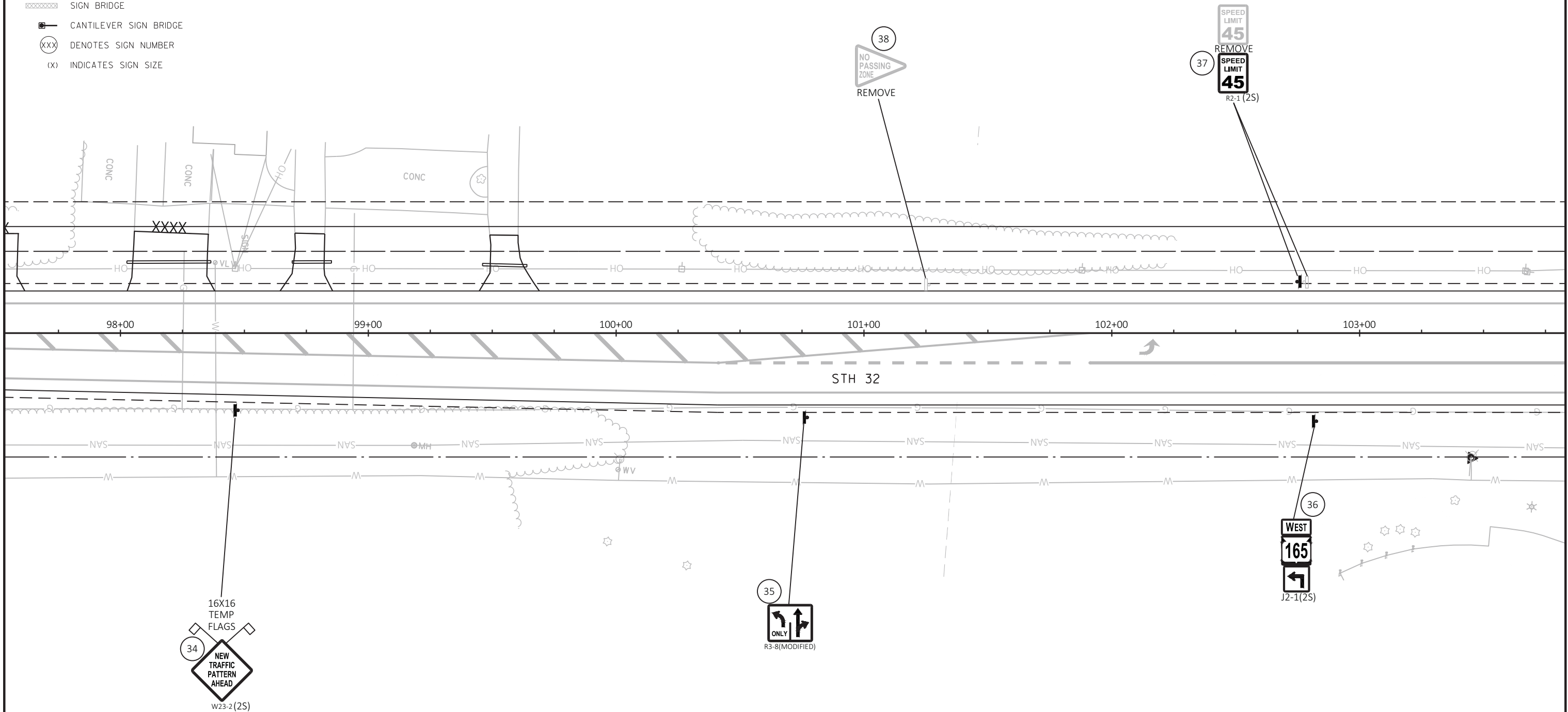
NO SIGNS
THIS SHEET

	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
	PROPOSED SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
	VARIABLE MESSAGE SIGN
	EXISTING LIGHT OR SIGNAL POLE
	SIGN BRIDGE
	CANTILEVER SIGN BRIDGE
	DENOTES SIGN NUMBER
(x)	INDICATES SIGN SIZE



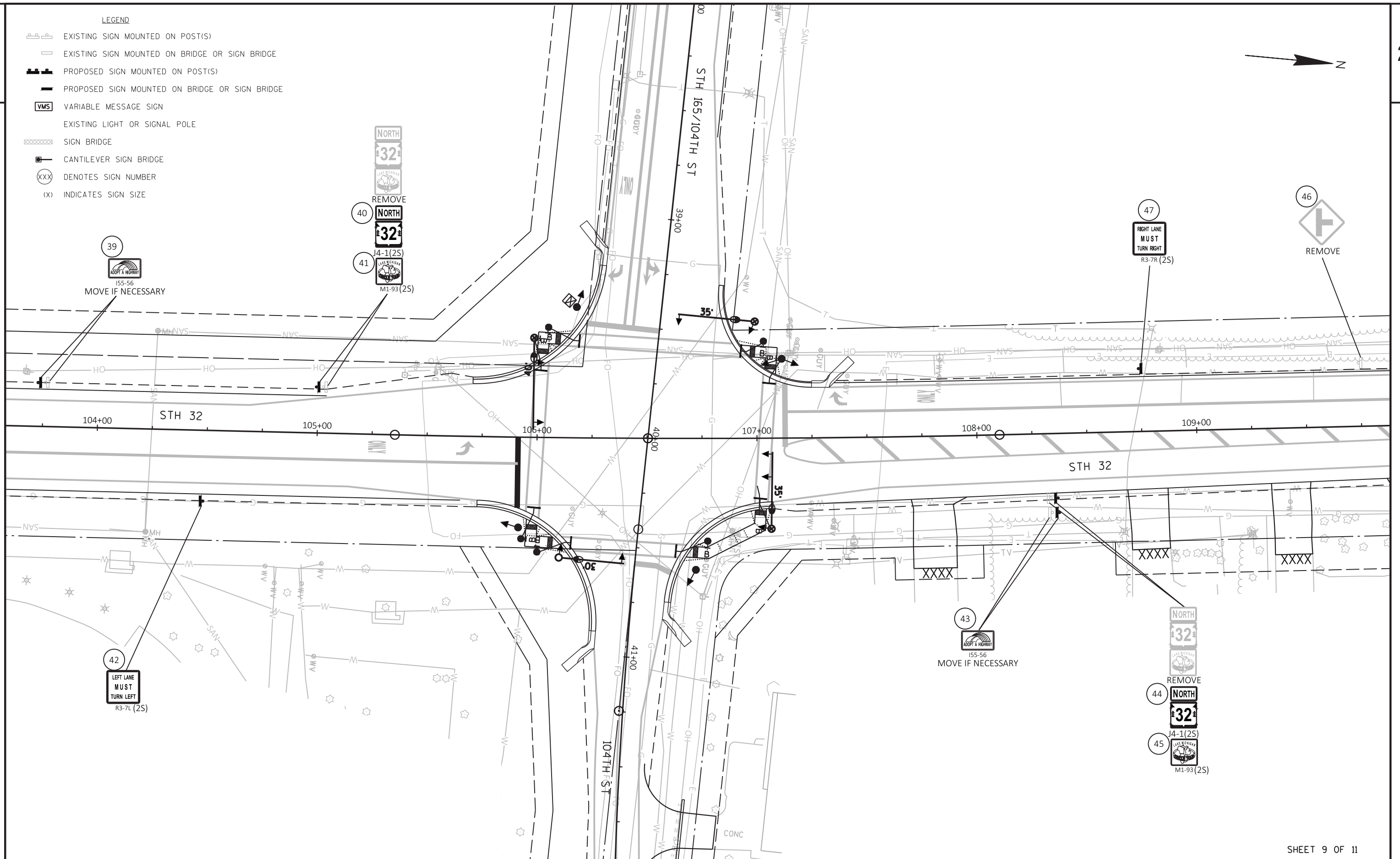
LEGEND

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- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
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LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
 EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
 PROPOSED SIGN MOUNTED ON POST(S)
 PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
 VARIABLE MESSAGE SIGN
 EXISTING LIGHT OR SIGNAL POLE
 SIGN BRIDGE
 CANTILEVER SIGN BRIDGE
 DENOTES SIGN NUMBER
 INDICATES SIGN SIZE



SHEET 9 OF 11

PROJECT NO: 3240-11-70

HWY: STH 32

COUNTY: KENOSHA

PERMANENT SIGNING

SHEET

E

FILE NAME : N:\PDS\C3D\CAD\32401100\SIGN\023201_PS_3240-11-70_18.DWG
LAYOUT NAME - ShtPS-09

PLOT DATE : 1/14/2021 9:22 AM

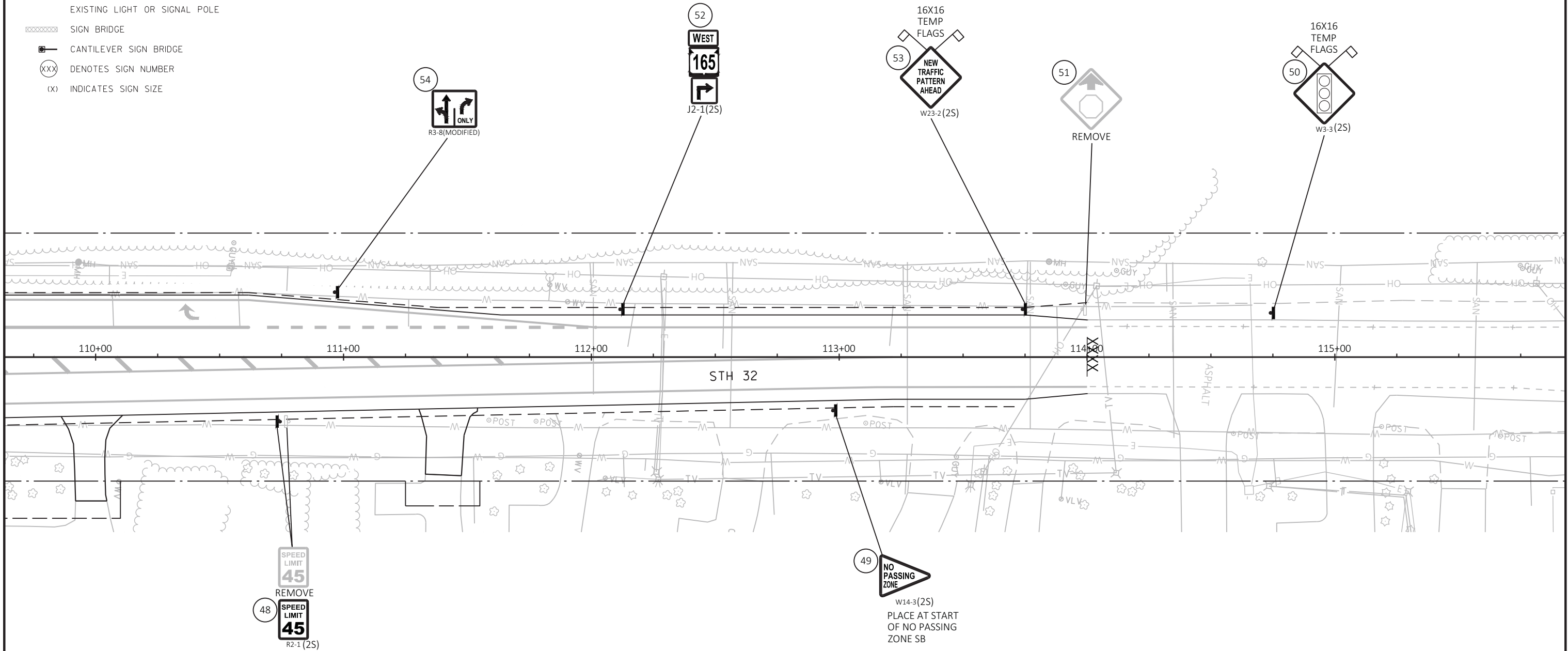
PLOT BY : WAGNER, SCOTT H

PLOT NAME :

PLOT SCALE : 1 IN=40 FT

WISDOT/CADDs SHEET 42

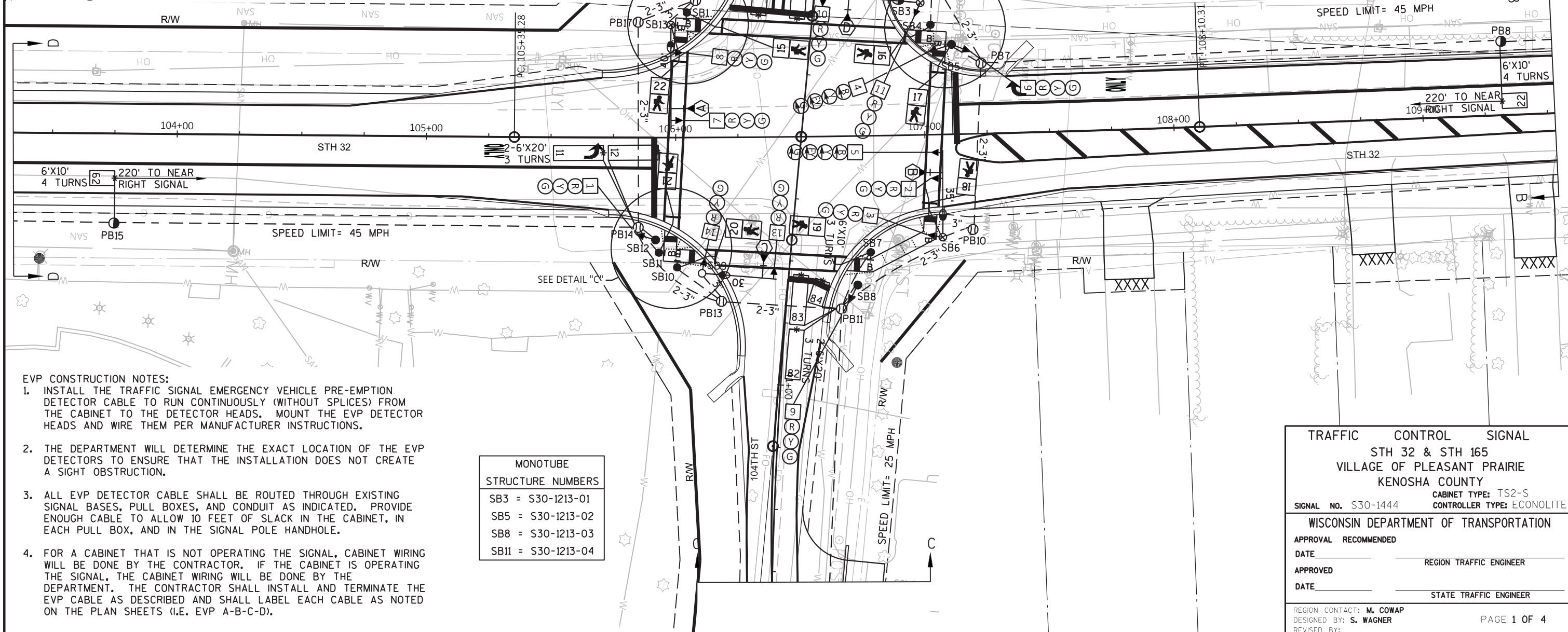
- LEGEND
- EXISTING SIGN MOUNTED ON POST(S)
 - EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
 - PROPOSED SIGN MOUNTED ON POST(S)
 - PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
 - VARIABLE MESSAGE SIGN
 - EXISTING LIGHT OR SIGNAL POLE
 - SIGN BRIDGE
 - CANTILEVER SIGN BRIDGE
 - DENOTES SIGN NUMBER
 - (X) INDICATES SIGN SIZE





LEGEND

- — — NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
— — — LOOP DETECTOR CONDUIT, 1" NONMETALLIC
● SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
(XX) ○ MONOTUBE BASE, POLE, 15'-30' ARM
(XX) ⊗ MONOTUBE BASE, POLE, 35'-55' ARM
● LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
□ LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
● PULL BOX, 24" X 36"
⊕ PULL BOX, 24" X 42"
Ⓡ RED CIRCULAR INDICATOR
Ⓢ YELLOW CIRCULAR INDICATOR
Ⓢ GREEN CIRCULAR INDICATOR
- Ⓡ RED ARROW
Ⓢ YELLOW ARROW
Ⓢ GREEN ARROW
Ⓢ EVP DESIGNATOR
Ⓢ EVP DETECTOR HEAD
Ⓢ PEDESTRIAN HEAD
Ⓢ PEDESTRIAN BUTTON
Ⓢ LANE DESIGNATION FOR INFO ONLY
- NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING



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 EXISTING 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.
4. FOR A CABINET THAT IS NOT OPERATING THE SIGNAL, CABINET WIRING WILL BE DONE BY THE CONTRACTOR. IF THE CABINET IS OPERATING THE SIGNAL, THE CABINET WIRING WILL BE DONE BY THE DEPARTMENT. THE CONTRACTOR SHALL INSTALL AND TERMINATE THE EVP CABLE AS DESCRIBED AND SHALL LABEL EACH CABLE AS NOTED ON THE PLAN SHEETS (I.E. EVP A-B-C-D).

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER 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 WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (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. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
5. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.

TRAFFIC CONTROL SIGNAL

STH 32 & STH 165
VILLAGE OF PLEASANT PRAIRIE
KENOSHA COUNTY

SIGNAL NO. S30-1444

CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

DATE _____ REGION TRAFFIC ENGINEER

APPROVED _____

DATE _____ STATE TRAFFIC ENGINEER

REGION CONTACT: M. COWAP

DESIGNED BY: S. WAGNER

REVISED BY:

PAGE 1 OF 4

PROJECT NO: 3240-11-70

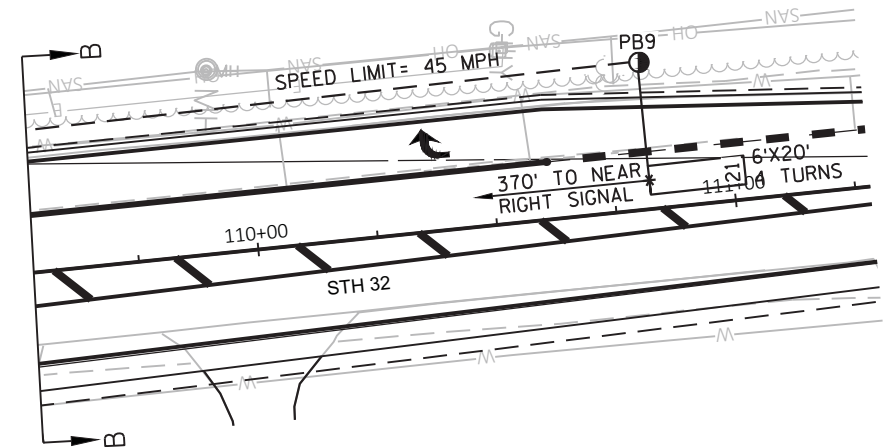
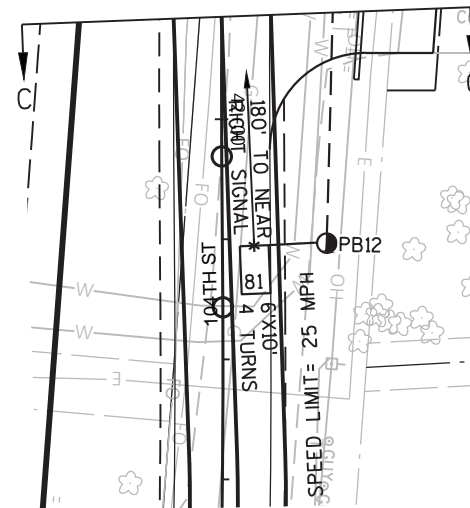
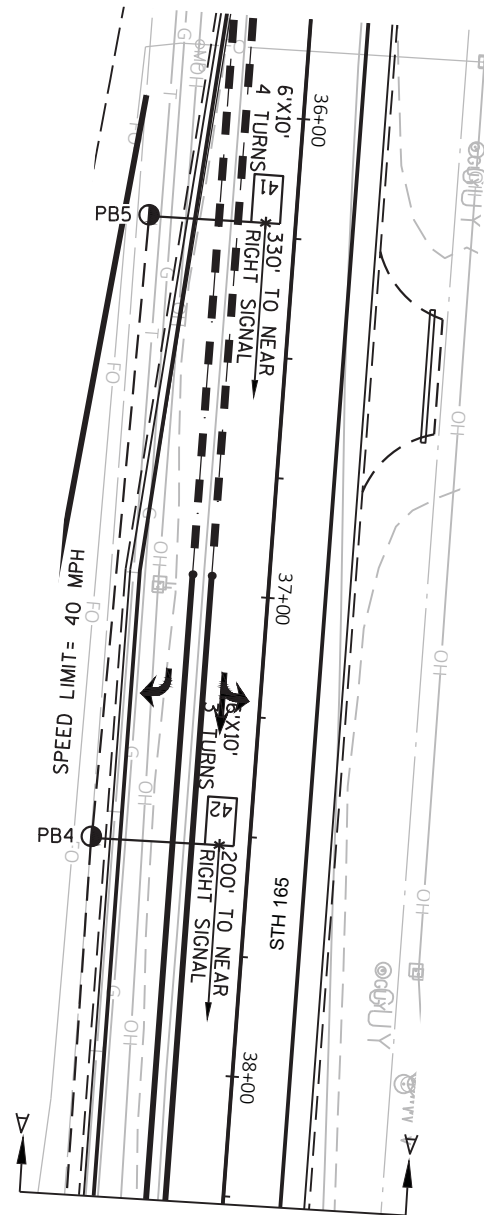
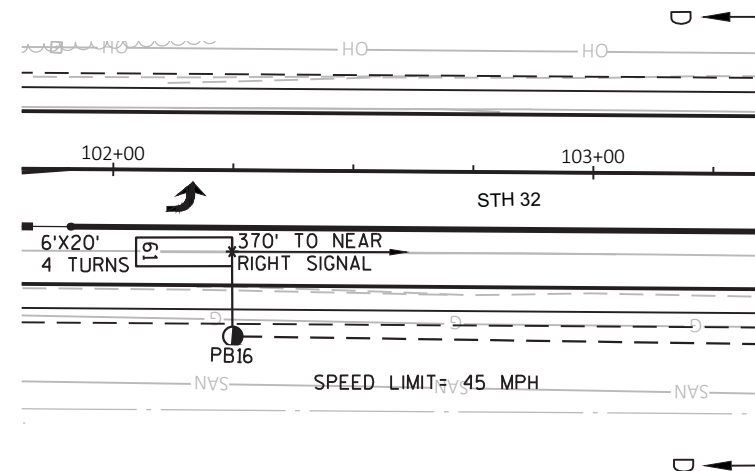
HWY: STH 32

COUNTY: KENOSHA

TRAFFIC SIGNAL PLAN

SHEET

E



PROJECT NO: 3240-11-70

HWY: STH 32

COUNTY: KENOSHA

TRAFFIC SIGNAL PLAN

SHEET

E

TRAFFIC CONTROL SIGNAL
STH 32 & STH 165
VILLAGE OF PLEASANT PRAIRIE
KENOSHA COUNTY

SIGNAL NO. S30-1444

REGION CONTACT: M. COWAP

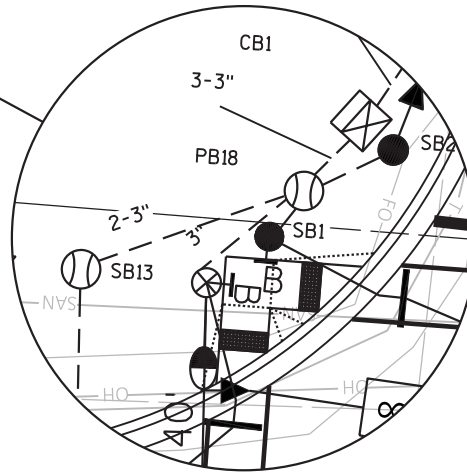
DESIGNED BY: S. WAGNER

REVISED BY:

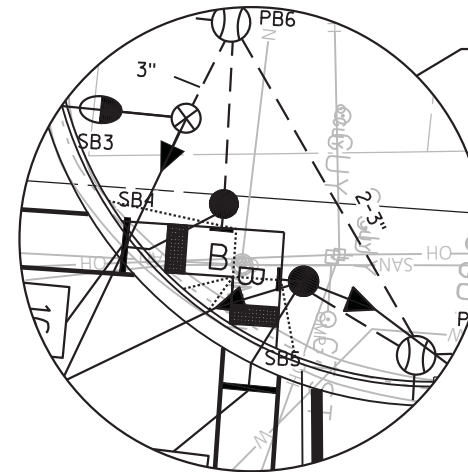
PAGE 2 OF 4



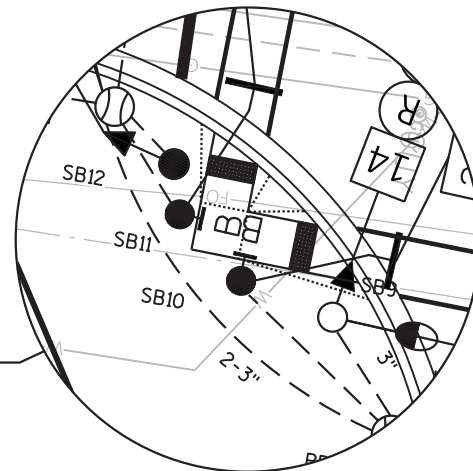
SEE DETAIL "A"



SEE DETAIL "B"

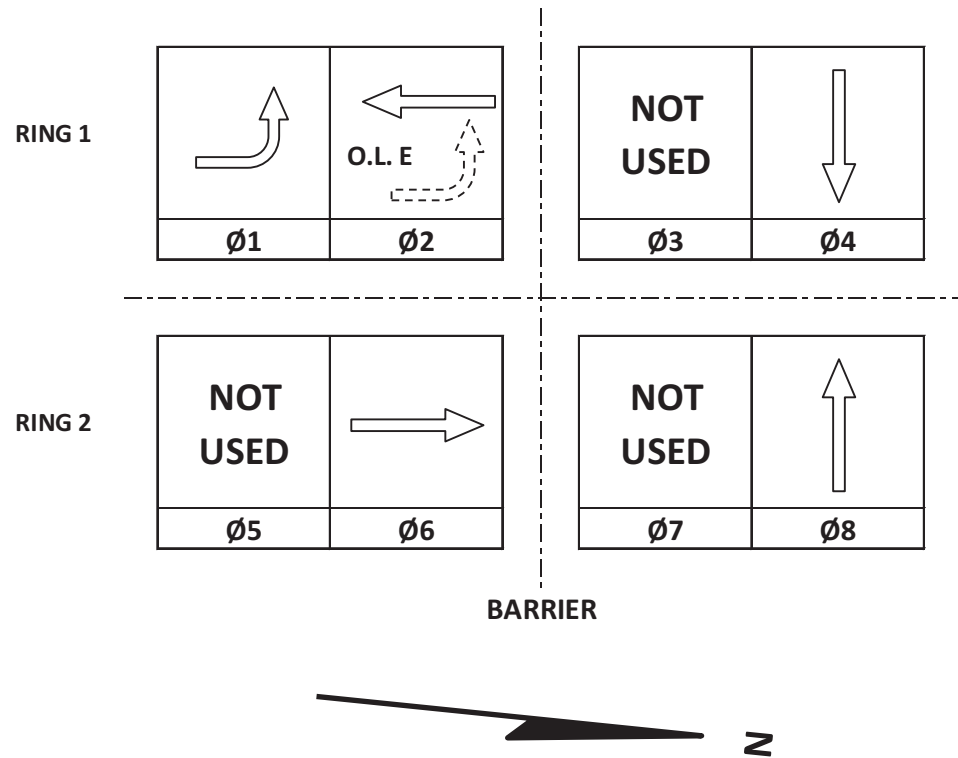


SEE DETAIL "C"



TRAFFIC	CONTROL	SIGNAL
STH 32 & STH 165		
VILLAGE OF PLEASANT PRAIRIE		
KENOSHA COUNTY		
SIGNAL NO. S30-1444		
REGION CONTACT: M. COWAP		PAGE 3 OF 4
DESIGNED BY: S. WAGNER		
REVISED BY:		

	HEAD NUMBERS	FLASH
Ø1	4,5	R
Ø2	6,7,8	R
Ø3		
Ø4	12,13,14	R
Ø5		
Ø6	1,2,3	R
Ø7		
Ø8	9,10,11	R
Ø2P	17,18	
Ø4P	15,16	
Ø6P	21,22	
Ø8P	19,20	
OLE	4,5	-
OLF		
OLG		
OLH		



CONTROLLER LOGIC

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

EMERGENCY VEHICLE PREEMPTION SEQUENCE

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

AFTER PREEMPTION SEQUENCE 2+6 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.

AFTER PREEMPTION SEQUENCE 4+8 OR 8+4, CONTROLLER SHALL RETURN TO PHASES 4+8.

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	21	41	43	45	62	82	84
CALLED PHASE	1	2	4	4	4	6	8	8
CALL OPTION	X	X		X	X	X	X	X
DELAY TIME	X			X	X		X	X
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME			X					
USE ADDED INITIAL		X				X		
CROSS SWITCH PHASE	2							

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	22	42	44	46	61	81	83
CALLED PHASE	1	2	4	4	4	6	8	8
CALL OPTION	X	X		X	X	X		X
DELAY TIME	X			X	X			X
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME			X				X	
USE ADDED INITIAL		X				X		
CROSS SWITCH PHASE	2							

	19	17	23	21	27	25	31	29

	20	18	24	22	28	26	32	30

DETECTOR INPUT								
PLAN LOOP DETECTOR*(S)								
CALLED PHASE								
CALL OPTION								
DELAY TIME								
EXTENTION OPTION								
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

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

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 DOT LIGHTING CABINET	

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

GENERAL NOTES:

- PHASE 1 ONLY TIMES DURING PREEMPTION EVENTS. AT ALL OTHER TIMES, IT IS OMITTED.

STH 32 & STH 165	
VILLAGE OF PLEASANT PRAIRIE	
KENOSHA COUNTY	
SIGNAL NO: 530-1444	CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE	
DATE: FEBRUARY 2021	PAGE NUMBER: 3 OF 3

Signal Wire Color Coding	BLK - black	RED - red	GRN - green
	WHT - white	BLU - blue	ORG - orange

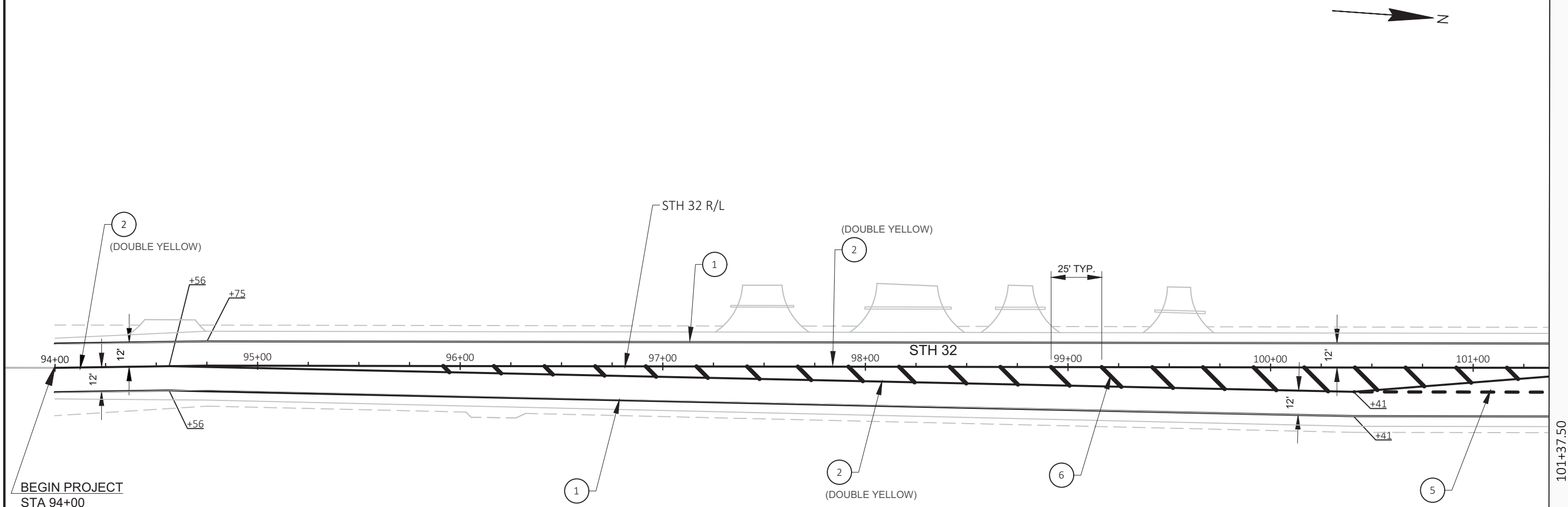
- *Use the white conductor in the cable assembly as the grounded conductor for all traffic signal indications
- *Ensure the grounded conductor in the feeder cable and the pole cables are both 18" longer than the ungrounded conductors.
- *At the signal bases, connect one terminal from the pedestrian push buttons to the color indicated in the chart. Connect the other terminal to the grounded conductor.

Equipment Grounding Conductor 10 AWG Green 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	CB1

Pull Box Bonding Jumper 10 AWG Green XLP	
From	To
PB1	CB1
PB6	SB3
PB7	SB3
PB10	SB6
PB11	SB8
PB13	SB9
PB14	SB12
PB17	CB1
PB18	CB1

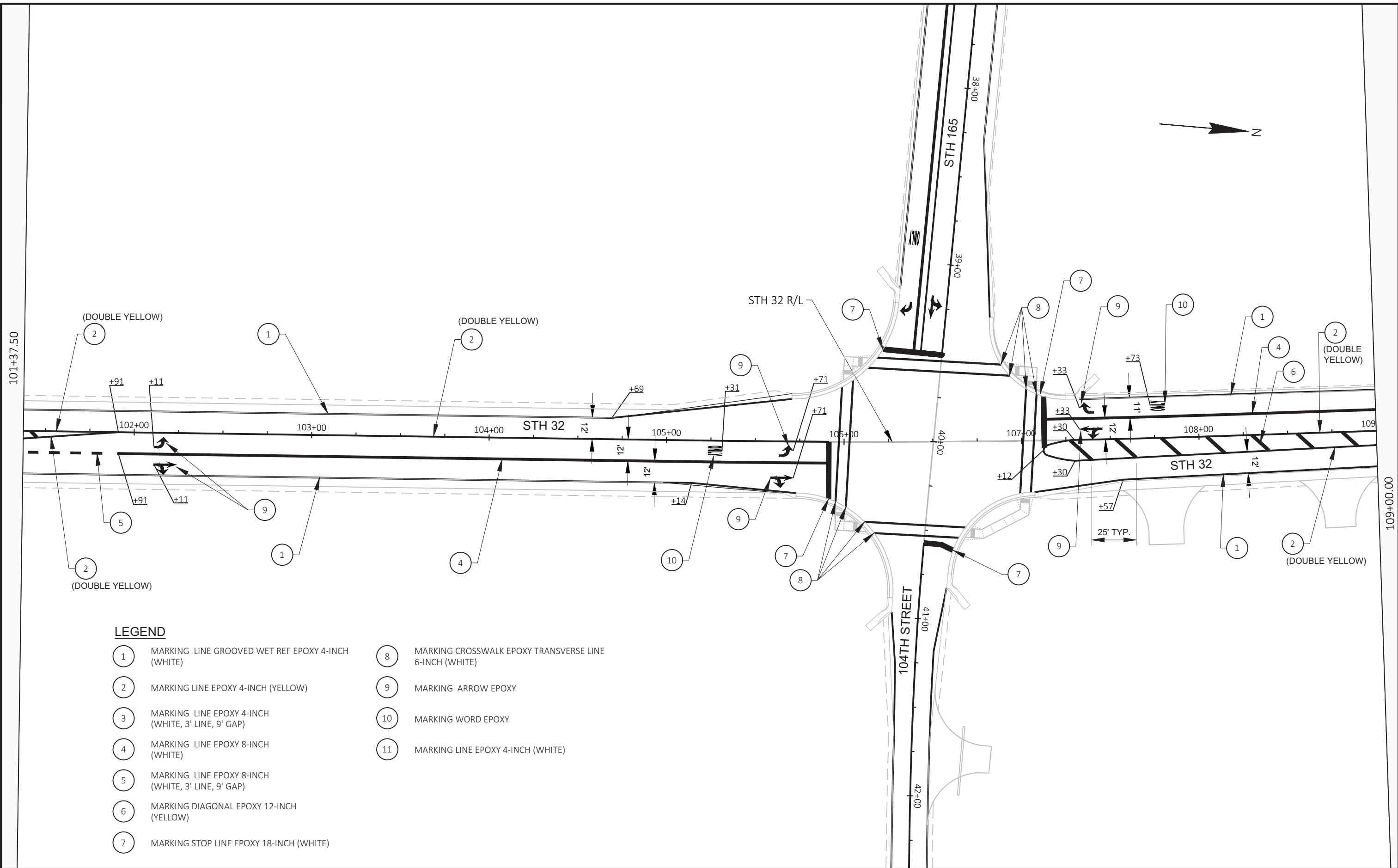
Lighting UF 2-10 AWG Grounded	
From	To
CB1	SB3
SB3	SB6
CB1	SB13
SB13	SB9

Emergency Vehicle Preemption	
From	To
CB1	HEAD A (SB13)
CB1	HEAD B (SB6)
CB1	HEAD C (SB9)
CB1	HEAD D (SB3)



LEGEND

- | | | | |
|---|--|----|--|
| 1 | MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE) | 8 | MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE) |
| 2 | MARKING LINE EPOXY 4-INCH (YELLOW) | 9 | MARKING ARROW EPOXY |
| 3 | MARKING LINE EPOXY 4-INCH (WHITE, 3' LINE, 9' GAP) | 10 | MARKING WORD EPOXY |
| 4 | MARKING LINE EPOXY 8-INCH (WHITE) | 11 | MARKING LINE EPOXY 4-INCH (WHITE) |
| 5 | MARKING LINE EPOXY 8-INCH (WHITE, 3' LINE, 9' GAP) | | |
| 6 | MARKING DIAGONAL EPOXY 12-INCH (YELLOW) | | |
| 7 | MARKING STOP LINE EPOXY 18-INCH (WHITE) | | |



LEGEND

- | | |
|--|--|
| 1 MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE) | 8 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE) |
| 2 MARKING LINE EPOXY 4-INCH (YELLOW) | 9 MARKING ARROW EPOXY |
| 3 MARKING LINE EPOXY 4-INCH (WHITE, 3' LINE, 9' GAP) | 10 MARKING WORD EPOXY |
| 4 MARKING LINE EPOXY 8-INCH (WHITE) | 11 MARKING LINE EPOXY 4-INCH (WHITE) |
| 5 MARKING LINE EPOXY 8-INCH (WHITE, 3' LINE, 9' GAP) | |
| 6 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) | |
| 7 MARKING STOP LINE EPOXY 18-INCH (WHITE) | |

PROJECT NO: 3240-11-70

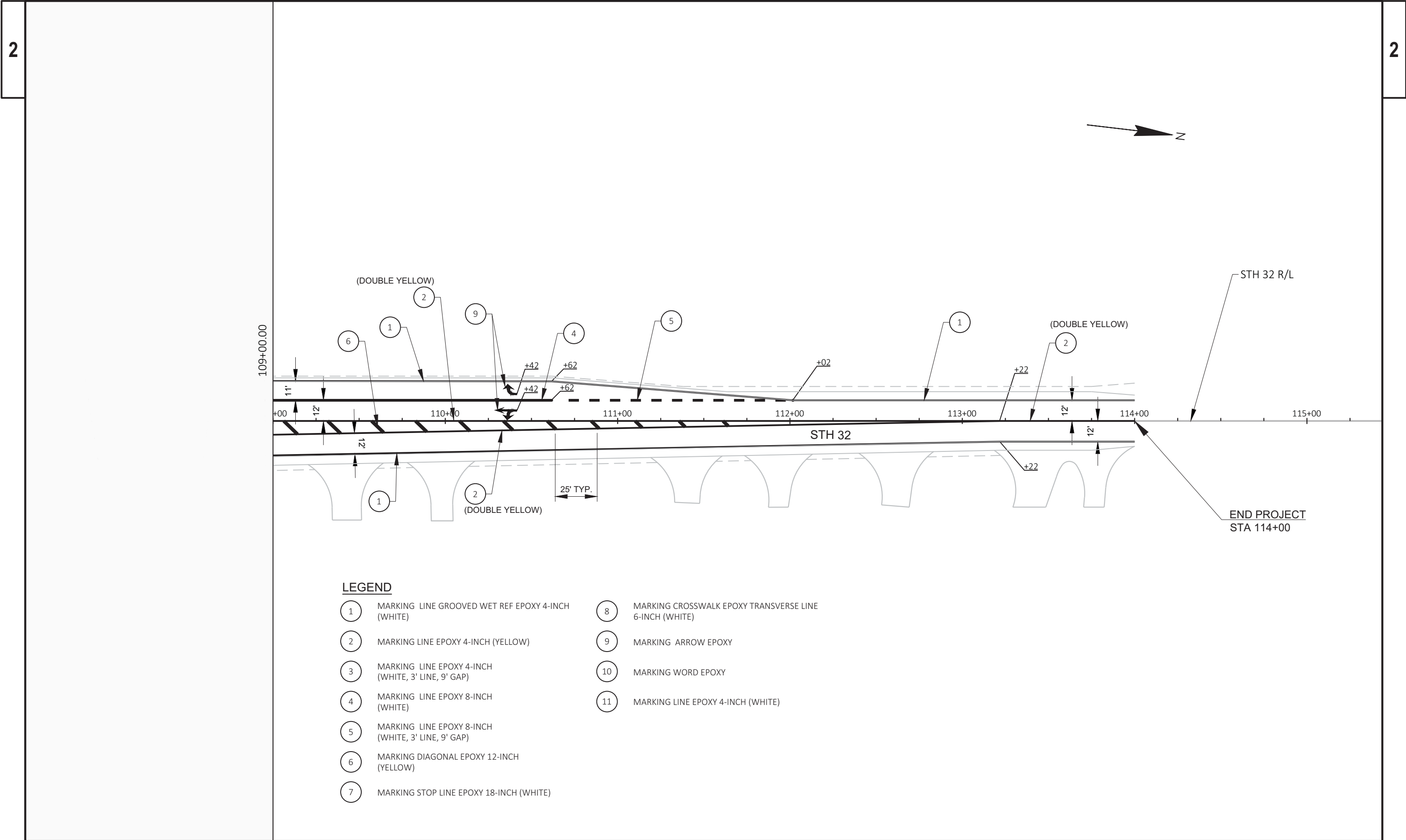
HWY: STH 32

COUNTY: KENOSHA

PAVEMENT MARKING

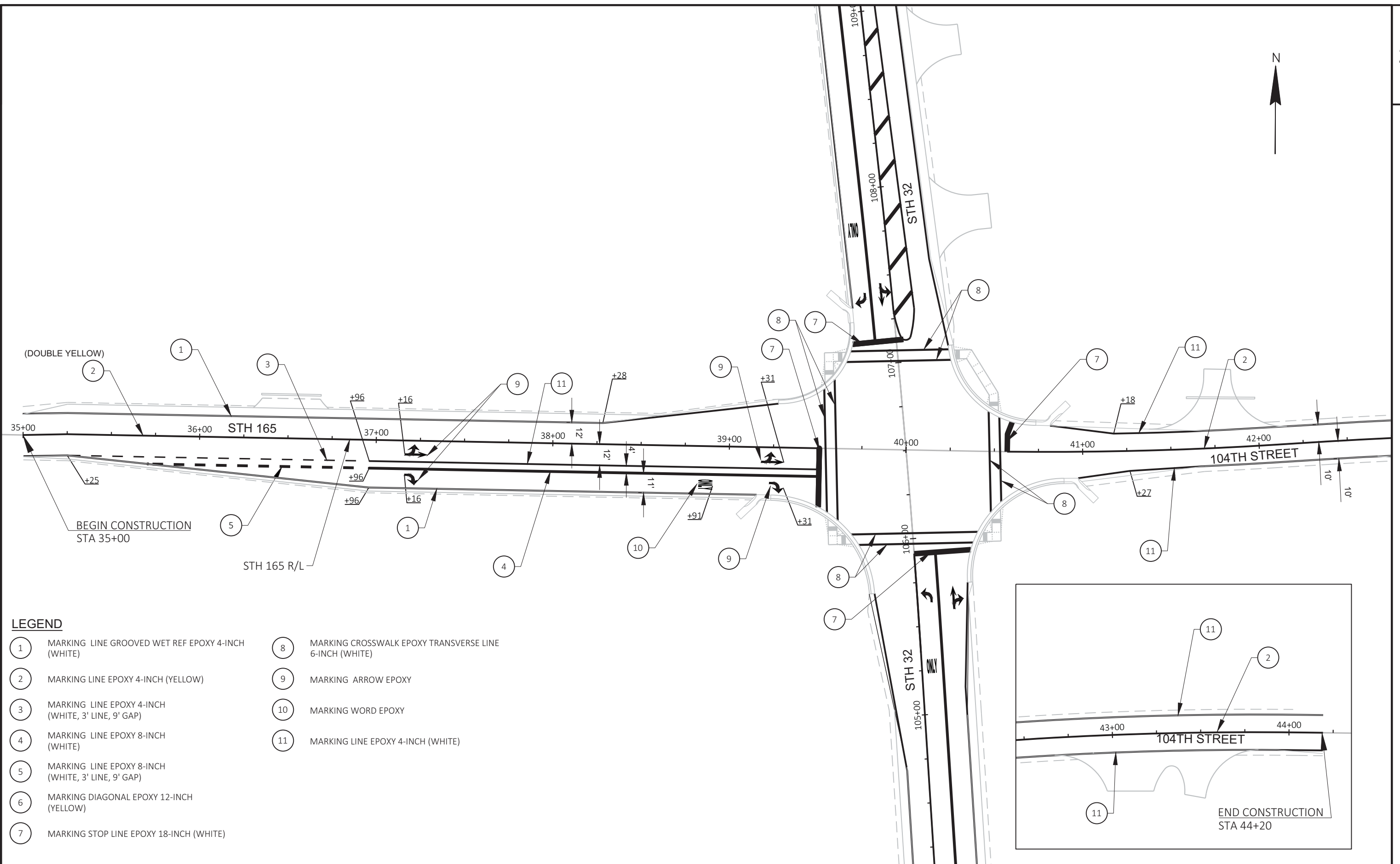
SHEET

E



LEGEND

- | | | | |
|---|--|----|--|
| 1 | MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE) | 8 | MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE) |
| 2 | MARKING LINE EPOXY 4-INCH (YELLOW) | 9 | MARKING ARROW EPOXY |
| 3 | MARKING LINE EPOXY 4-INCH (WHITE, 3' LINE, 9' GAP) | 10 | MARKING WORD EPOXY |
| 4 | MARKING LINE EPOXY 8-INCH (WHITE) | 11 | MARKING LINE EPOXY 4-INCH (WHITE) |
| 5 | MARKING LINE EPOXY 8-INCH (WHITE, 3' LINE, 9' GAP) | | |
| 6 | MARKING DIAGONAL EPOXY 12-INCH (YELLOW) | | |
| 7 | MARKING STOP LINE EPOXY 18-INCH (WHITE) | | |



PROJECT NO: 3240-11-70

HWY: STH 32

COUNTY: KENOSHA

PAVEMENT MARKING

SHEET

E

FILE NAME: J:\ACTIVE\SE\3240-11-00_STH 165 & STH 32\C3D\32401100\SHEETSP\AN\DWG\024501_PM.DWG
LAYOUT NAME - 04

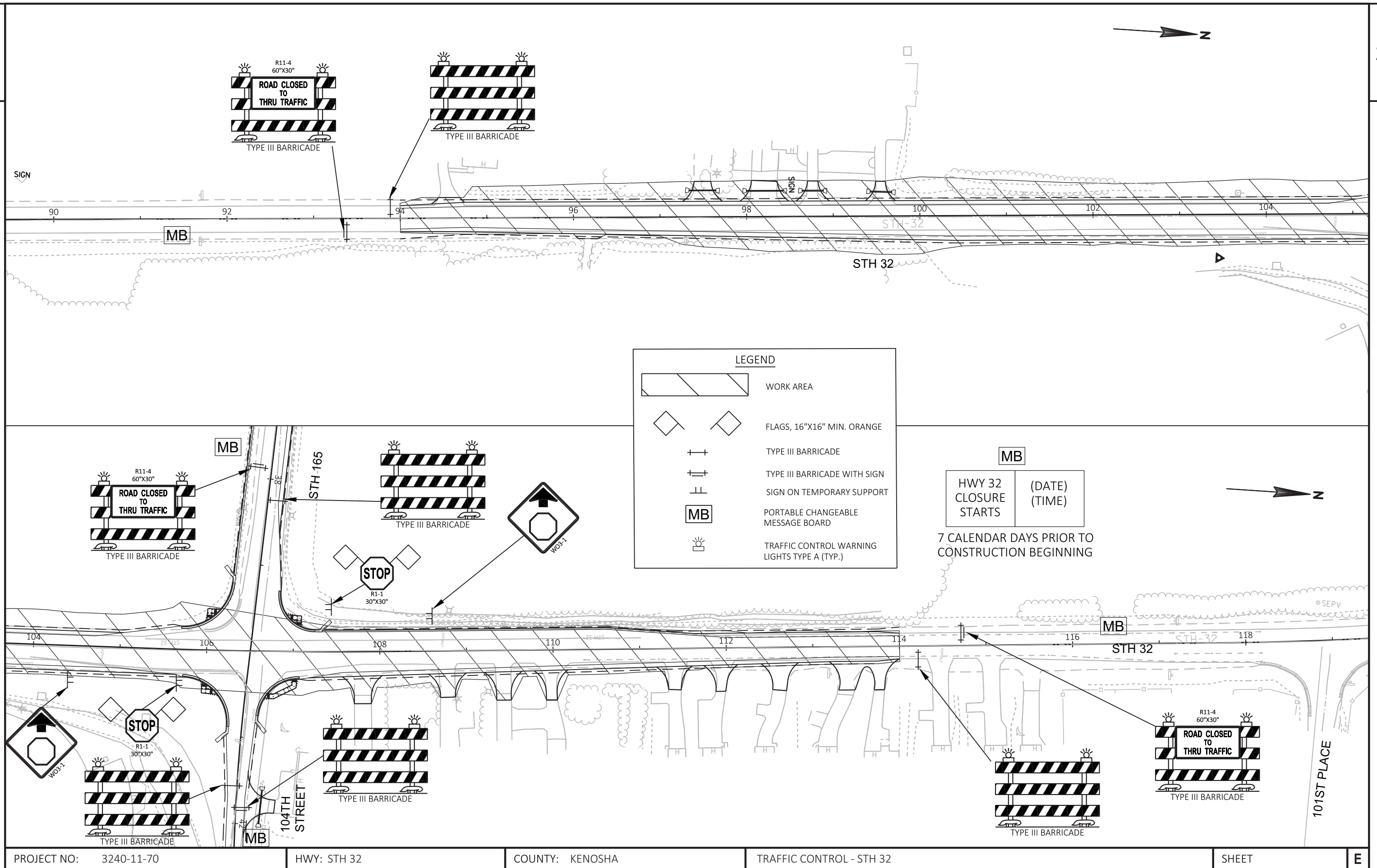
PLOT DATE: 2/1/2021 2:59 PM

PLOT BY: KAYLA DEBACCO

PLOT NAME:

PLOT SCALE: 1 IN:50 FT

WISDOT/CADDs SHEET 42



PROJECT NO: 3240-11-70

HWY: STH 32

COUNTY: KENOSHA

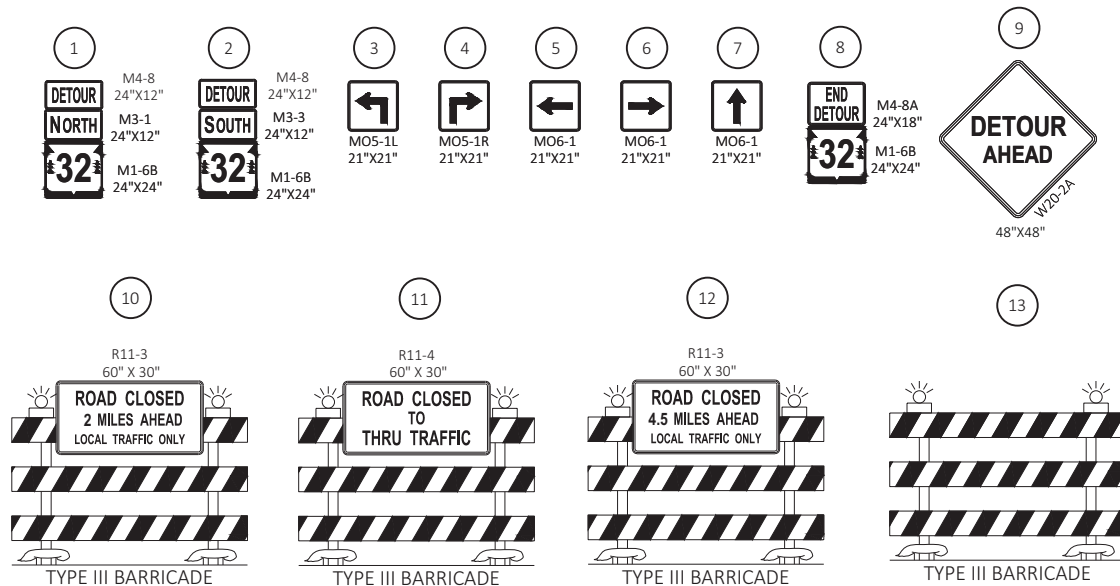
TRAFFIC CONTROL - STH 32

SHEET

E

GENERAL NOTES:

1. ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
2. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER
3. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES
4. THE SPACING BETWEEN TRAFFIC CONTROL AND DETOUR SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE
5. "WO" SIGNS ARE THE SAME AS "W" AND "MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE
6. ALL EXISTING SIGNS THAT NEED TO BE COVERED SHALL BE COVERED WITH A BLANK BLACK PANEL UNLESS OTHERWISE NOTED



A SEE SDD (BARRICADES AND SIGNS FOR SIDEROAD CLOSURES) DETAIL 3

B FMS
HWY 32 CLOSED
2 MILES AHEAD
THRU TRAFFIC
FOLLOW DETOUR

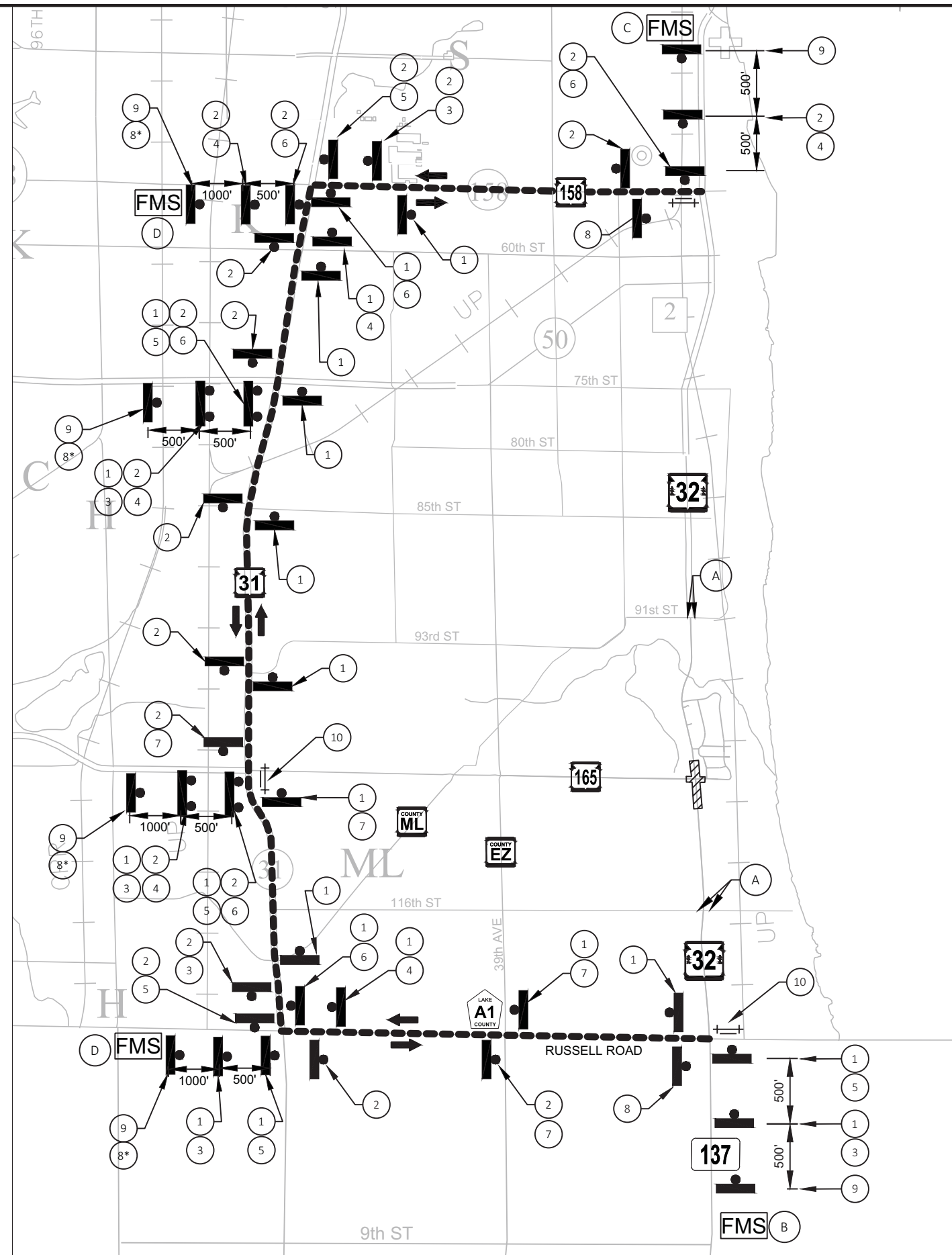
C FMS
HWY 32 CLOSED
4.5 MILES AHEAD
THRU TRAFFIC
FOLLOW DETOUR

D FMS
HWY 32 CLOSED
TO THRU TRAFFIC
AT HWY 165

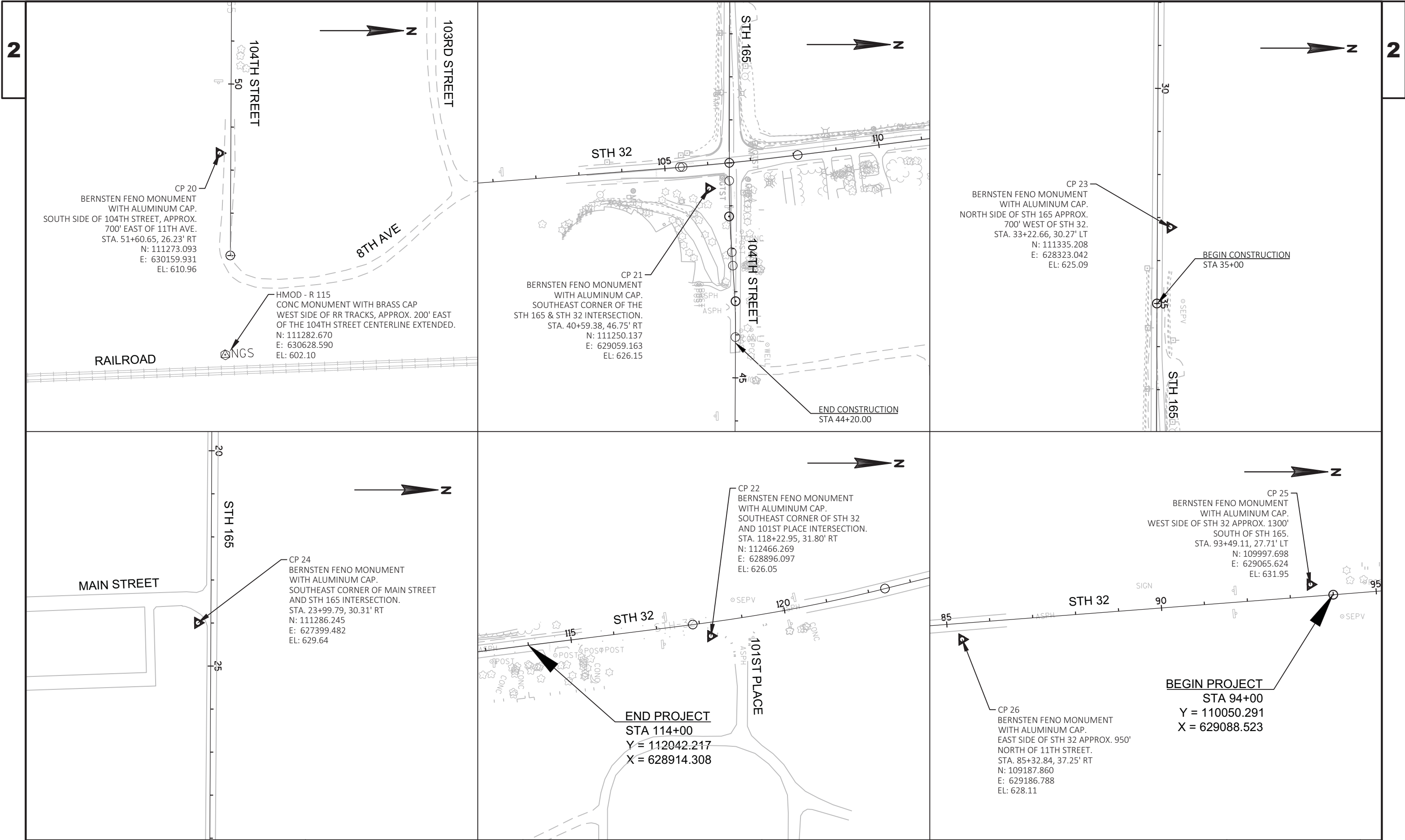
LEGEND

- WORK ZONE CLOSED TO THROUGH TRAFFIC
- DETOUR ROUTE
- FMS FIXED MESSAGE SIGN
- TRAFFIC CONTROL BARRICADE TYPE III WITH/WITHOUT SIGN
- PROPOSED SIGN ON SINGLE POST
- PROPOSED SIGN ON DOUBLE POST

NOTE:
* OMIT M4-8A SIGN







CLEARING AND GRUBBING									
ROADWAY	STATION	TO	STATION		201.0105	201.0120	201.0205	201.0220	
					CLEARING	CLEARING	GRUBBING	GRUBBING	
					STA	ID	STA	ID	
104TH ST	40+70	TO	40+85	LT	--	30	--	30	
104TH ST	41+00	TO	43+00	RT	2	--	2	--	
STH 32	94+00	TO	97+00	LT	3	--	3	--	
STH 32	97+00	TO	100+00	LT & RT	3	--	3	--	
STH 32	100+00	TO	105+00	LT	5	--	5	--	
STH 32	108+00	TO	109+00	RT	1	--	1	--	
TOTALS					14	30	14	30	

REMOVING SMALL PIPE CULVERTS									
ROADWAY	STATION		SIZE	LENGTH	TYPE	203.0100			
			INCH	FEET		REMOVING SMALL			
						PIPE CULVERTS			
						EACH			
STH 165	STA 36+50	25' LT	12	30	CPCM	1		FIELD ENTRANCE CULVERT	
104TH ST	STA 41+75	28.5' LT	10	24	CPCM	1		DRIVEWAY CULVERT	
TOTAL						2			

REMOVING CURB AND GUTTER	
	204.0150
	REMOVING
	CURB AND
	GUTTER
LOCATION	LF
NORTHWEST QUADRANT	80
SOUTHWEST QUADRANT	65
TOTAL	145

REMOVING FENCE	
	204.0170
	REMOVING
	FENCE
LOCATION	LF
104TH STREET - STA41+85, LT	24
TOTALS	24

<u>EBS EARTHWORK</u>					
			205.0100 *	208.0100 *	
			EXCAVATION		
			COMMON	BORROW	
LOCATION			CY	CY	
<u>STH 165/ 104TH ST:</u>					
35+00	TO	40+00	1372	1647	
40+00	TO	44+20	155	186	
<u>STH 32:</u>					
94+00	TO	114+00	1931	2318	
TOTALS			3458	4151	
* ADDITIONAL QUANTITIES LISTED ELSEWHERE					

<u>REMOVING PAVEMENT</u>						
		204.0100	204.0115		204.0120	
		REMOVING CONCRETE PAVEMENT	REMOVING ASPHALTIC SURFACE BUTT JOINTS		REMOVING ASPHALTIC SURFACE MILLING	
STATION TO	STATION	<u>SY</u>	<u>SY</u>		<u>SY</u>	
<u>STH 165/ 104TH ST:</u>						
35+00	TO 40+00	--	55		2,050	
40+00	TO 44+20	--	--		350	
DRIVEWAYS		35	--		--	
<u>STH 32:</u>						
94+00	TO 106+50	--	70		4,100	
106+50	TO 114+00	--	70		2,600	
DRIVEWAYS		15	--		--	
TOTALS		50	195		9100	

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

EARTHWORK SUMMARY

DIVISION	FROM/TO STATION	LOCATION	205.0100 * COMMON EXCAVATION (1)	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (13)	MASS ORDINATE +/- (14)	WASTE	208.0100 * BORROW	COMMENT		
			CUT (2)			FACTOR 1.20						
DIVISION 1	94+00/114+00											
QUANTITYREPORT-STH32			708	708	727	872	-164	0	164			
DIVISION 1 SUBTOTAL			708	708	727	872	-164	0	164			
DIVISION 2												
QUANTITYREPORT-STH165	35+00/39+85		342	342	176	211	131	131	0			
DIVISION 2 SUBTOTAL			342	342	176	211	131	131	0			
DIVISION 3												
QUANTITYREPORT-104TH_ST	40+20/44+19.238		7	7	1,360	1,632	-1,625	0	1,625			
DIVISION 3 SUBTOTAL			7	7	1,360	1,632	-1,625	0	1,625			
GRAND TOTAL			1,057	1,057	2,263	2,716	-1,659	131	1,789			
TOTAL COMMON EXC			1,057									

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

NOTES:

- (1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100
- (2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
- (3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT BORROW MATERIAL. NOTE: THIS IS DESIGNERS CHOICE, CAN BE BACKFILLED WITH BORROW, OR CUT AS WELL.
- (5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL
- (13) EXPANDED FILL FACTOR = 1.2
- (14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.
- (15) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

BASE AGGREGATE ITEMS

				211.0400	305.0110	305.0120	624.0100
				PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS	BASE AGGREGATE DENSE 3/4-INCH	BASE AGGREGATE DENSE 1 1/4-INCH	WATER
LOCATION	STATION	TO	STATION	STA	TON	TON	MGAL
STH 165/ 104TH ST	35+00	TO	40+00	7	75	675	16
STH 165/ 104TH ST	40+00	TO	44+20	--	75	775	18
STH 32	94+00	TO	106+50	22	250	1,425	34
STH 32	106+50	TO	114+00	14	100	575	14
UNDISTRIBUTED				--	50	345	9
TOTALS				43	550	3795	91

MAINTAINING DETOURS

			305.0410	465.0115
			AGGREGATE DETOURS	ASPHALTIC SURFACE DETOURS
LOCATION			TON	TON
PROJECT			50	50
TOTALS			50	50

ASPHALT ITEMS

			455.0605	460.5223	460.5224	465.0120	465.0315
			TACK COAT	HMA PAVEMENT 3 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	ASPHALTIC FLUMES
STATION	TO	STATION	GAL	TON	TON	TON	SY
STH 165/ 104TH ST:							
35+00	TO	40+00	225	150	350	--	1
40+00	TO	44+20	125	250	200	--	1
DRIVEWAYS			--	--	--	55	--
STH 32:							
94+00	TO	106+50	400	300	675	--	1
106+50	TO	114+00	250	125	400	--	1
DRIVEWAYS			--	--	--	165	--
TOTALS			1,000	825	1,625	220	4

BASE PATCHING

			390.0203	690.0150*	
			BASE PATCHING ASPHALTIC	SAWING ASPHALT	
LOCATION			SY	LF	
STH 165/ 104TH ST:					
35+00	TO	40+00	50	290	4"-6" ASPHALT PAVEMENT
40+00	TO	44+20	--	--	N/A
STH 32:					
94+00	TO	106+50	100	550	7.5" ASPHALT PAVEMENT
106+50	TO	114+00	75	420	7.5" ASPHALT PAVEMENT
TOTALS			225	1,260	

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

DRIVEWAY CULVERT PIPE

										521.3717	521.1217
										PIPE ARCH	APRON
										CORRUGATED	ENDWALLS
										STEEL	FOR PIPE
										17x13-INCH	ARCH STEEL
										LF	EACH
LOCATION	STATION	INLET END	OFFSET	ELEV	STATION	DISCHARGE END	OFFSET	ELEV	SLOPE		
STH 32	97+34	LT	29.75' LT	629.77	9765.00	LT	29.97' LT	629.65	0.38%	32	2
STH 32	98+00	LT	29' LT	629.52	9842.00	LT	29' LT	629.36	0.36%	44	2
STH 32	98+64	LT	29' LT	629.28	98+89	LT	29' LT	629.19	0.36%	25	2
STH 32	99+43	LT	27.75' LT	628.98	99+68	LT	27' LT	628.89	0.35%	26	2
STH 165	36+65	LT	29' LT	625.27	36+35	LT	29' LT	625.06	0.70%	30	2
104 TH ST	41+60	LT	29' LT	621.98	41+99	LT	27.5' LT	621.29	1.86%	37	2
TOTALS										194	12

NOTES

- 1) PIPE STATIONS, OFFSETS, AND ELEVATIONS PROVIDED ARE TO THE END OF PIPE, NOT THE APRON END OF ENDWALLS.
- 2) PIPE LENGTH IS FROM END OF PIPE TO END OF PIPE AND DOES NOT INCLUDE LENGTH OF APRON ENDWALL.

CONCRETE SIDEWALK ITEMS

			602.0410	602.0505
			CONCRETE	CURB RAMP
			SIDEWALK	DETECTABLE
			5-INCH	WARNING FIELD
			SF	YELLOW
LOCATION				
SOUTHWEST QUADRANT			120	20
NORTHWEST QUADRANT			145	20
NORTHEAST QUADRANT			245	20
SOUTHEAST QUADRANT			145	20
TOTALS			655	80

CONCRETE CURB AND GUTTER

			601.0557	601.0415
			CONCRETE	CONCRETE CURB &
			CURB & GUTTER	GUTTER 6-INCH
			6-INCH SLOPED	SLOPED 30-INCH
			36-INCH TYPE D	TYPE J
LOCATION			LF	LF
SOUTHWEST QUADRANT			90	--
NORTHWEST QUADRANT			--	75
NORTHEAST QUADRANT			75	--
SOUTHEAST QUADRANT			90	--
TOTALS			255	75

SAFETY FENCE

						616.0700.S
						FENCE
						SAFETY
						LF
ROADWAY	STATION	TO	STATION			
STH 32	107+48	TO	114+53	LT		705
STH 165	36+63	TO	39+43	LT		275
TOTALS						980

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

FINISHING ROADWAY 213.0100 FINISHING ROADWAY (3240-11-70) <table><tr><td>LOCATION</td><td>EACH</td></tr><tr><td>CATEGORY CODE 0010</td><td></td></tr><tr><td>PROJECT</td><td>1</td></tr><tr><td>TOTAL</td><td>1</td></tr></table>		LOCATION	EACH	CATEGORY CODE 0010		PROJECT	1	TOTAL	1
LOCATION	EACH								
CATEGORY CODE 0010									
PROJECT	1								
TOTAL	1								
MOBILIZATION 619.1000 MOBILIZATION <table><tr><td>LOCATION</td><td>EACH</td></tr><tr><td>PROJECT</td><td>1</td></tr><tr><td>TOTAL</td><td>1</td></tr></table>		LOCATION	EACH	PROJECT	1	TOTAL	1		
LOCATION	EACH								
PROJECT	1								
TOTAL	1								
HAUL ROADS 618.0100 MAINTENANCE AND REPAIR OF HAUL ROADS (3240-11-70) <table><tr><td>LOCATION</td><td>EACH</td></tr><tr><td>PROJECT</td><td>1</td></tr><tr><td>TOTAL</td><td>1</td></tr></table>		LOCATION	EACH	PROJECT	1	TOTAL	1		
LOCATION	EACH								
PROJECT	1								
TOTAL	1								
FIELD OFFICE 642.5001 FIELD OFFICE TYPE B <table><tr><td>LOCATION</td><td>EACH</td></tr><tr><td>PROJECT</td><td>1</td></tr><tr><td>TOTAL</td><td>1</td></tr></table>		LOCATION	EACH	PROJECT	1	TOTAL	1		
LOCATION	EACH								
PROJECT	1								
TOTAL	1								

RESTORATION ITEMS									
			625.0500	627.0200	628.2004	629.0205	630.0130	630.0200	630.0500
			SALVAGED		EROSION MAT	FERTILIZER	SEEDING	SEEDING	SEED
			TOPSOIL	MULCHING	CLASS I	TYPE A	MIXTURE	TEMPORARY	WATER
LOCATION			SY	SY	TYPE B	CWT	NO. 30	LB	MGAL
STH 165/ 104TH ST:									
35+00	TO	40+00	1,300	650	1,300	1	24	36	8
40+00	TO	44+20	810	405	810	1	15	22	5
STH 32:									
94+00	TO	106+50	2,860	1,430	2,860	2	52	78	17
106+50	TO	114+00	390	195	390	1	8	11	3
UNDISTRIBUTED			540	270	540	1	10	15	4
TOTALS			5,900	2,950	5,900	6	109	162	37

EROSION CONTROL ITEMS									
			628.1504	628.1520	628.7504	628.7555	631.1100	628.7570	SPV.0090.01
			SILT	SILT	TEMPORARY	CULVERT	SOD	ROCK	SILT FENCE
			FENCE	FENCE	DITCH	PIPE	EROSION	BAGS	DOUBLE
			LF	MAINTENANCE	CHECKS	CHECKS	CONTROL	EACH	STAKED
LOCATION			LF	LF	LF	EACH	SY	EACH	LF
STH 165/ 104TH ST:									
35+00	TO	40+00	400	460	5	1	10	--	60
40+00	TO	44+20	400	400	5	3	10	--	--
STH 32:									
94+00	TO	106+50	1,475	1,475	5	4	10	--	--
106+50	TO	114+00	475	475	5	--	10	--	--
Undistributed			690	705	5	2	10	100	
TOTALS			3,440	3,515	25	10	50	100	60

EROSION CONTROL MOBILIZATION									
			628.1905	628.1910					
			MOBILIZATIONS	MOBILIZATIONS					
			EROSION	EROSION					
			CONTROL	CONTROL					
			EACH	EACH					
LOCATION			EACH	EACH					
PROJECT			4	3					
TOTALS			4	3					

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

CONSTRUCTION STAKING

SPV.0105.01	
SURVEY PROJECT	
3240-11-70	
LOCATION	LS
PROJECT	1
TOTAL	1

TRAFFIC CONTROL

643.5000	
TRAFFIC CONTROL	
LOCATION	EACH
PROJECT	1
TOTAL	1

TEMPORARY TRAFFIC CONTROL SIGNS

		643.1000
		TRAFFIC CONTROL
		SIGNS FIXED MESSAGE
ROADWAY	SIGN NO.	SF
STH 32 NB	FMS B	22
STH 32 SB	FMS C	24
STH 158 & RUSSELL RD EB	FMS D	44
TOTAL		90

TRAFFIC CONTROL ITEMS

	643.0300		643.0420*		643.0705		643.0900*	
	TRAFFIC CONTROL DRUMS		TRAFFIC CONTROL BARRICADES TYPE III		TRAFFIC CONTROL WARNING LIGHTS TYPE A		TRAFFIC CONTROL SIGNS	
LOCATION	EACH**	DAY	EACH**	DAY	EACH**	DAY	EACH**	DAY
STH 165/ 104TH ST:	--	--	12	540	24	1,080	16	630
STH 32:	--	--	8	360	16	720	8	270
UNDISTRIBUTED	25	2,250	--	--	--	--	--	--
TOTALS		2,250		900		1,800		900

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

TRAFFIC CONTROL DETOUR ITEMS

		643.0920	643.0900*		643.0420*		643.1050	
	DETOUR DURATION	TRAFFIC CONTROL COVERING SIGNS TYPE II	TRAFFIC CONTROL SIGNS		TRAFFIC CONTROL BARRICADES TYPE III		TRAFFIC CONTROL SIGNS PCMS	
DETOUR	(DAYS)	EACH	EACH**	DAY	EACH**	DAY	EACH**	DAY
STH 32	94	4	153	14,382	9	846	4	28
TOTALS		4	14,382		846		28	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

PAVEMENT MARKING ITEMS															
			646.1020			646.1040			646.3020		646.6120	646.7120	646.7420	646.5020	646.5120
			MARKING LINE EPOXY 4-INCH			MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH			MARKING LINE EPOXY 8-INCH		MARKING STOP LINE EPOXY 18-INCH	MARKING DIAGONAL EPOXY 12-INCH	MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH	MARKING ARROW EPOXY	MARKING WORD EPOXY
			9 FT SKIPS			9 FT SKIPS									
LOCATION			YELLOW LF	WHITE LF	WHITE LF	WHITE LF	WHITE LF		WHITE LF	WHITE LF	YELLOW LF	WHITE LF	WHITE LF	WHITE EACH	WHITE EACH
STH 165/ 104TH ST:															
STA 35+00 TO STA 39+62			905	255	50	845	35	255	35	--	150	4	1		
STA 40+46 TO STA 44+20			365	660	--	--	--	--	20	--	110	--	--		
STH 32:															
STA 94+00 TO STA 106+05			3,855	--	--	2,345	40	400	35	250	140	4	1		
STA 106+98 TO STA 114+00			2,605	--	--	1,365	35	350	30	200	120	4	1		
SUBTOTALS			7,730	915	50	4,555	110	1,005	120	450	520	12	3		
TOTALS			8,695			4,555	1,115		120	450	520	12	3		

3

STH 32 & STH 165
KENOSHA COUNTY
CATEGORY XXXX
S30-1444

3

STATE FURNISHED MATERIALS SUMMARY		STATE FURNISHED FOR INFORMATION ONLY						
EACH	DESCRIPTION	POLES TYPE 10	POLES TYPE 10 SPECIAL	MONOTUBE ARMS 30-FT	MONOTUBE ARMS 35-FT	MONOTUBE ARMS 40-FT	LUMINAIRE ARMS STEEL 15-FT	ACCESSIBLE PEDESTRIAN PUSH BUTTON
		EACH	EACH	EACH	TYPE 9/10 SPEC POLE EACH	TYPE 9/10 SPEC POLE EACH	EACH	EACH
1	POLES TYPE 10	--	1	--		1	1	--
3	POLES TYPE 10 SPECIAL	--	1	--	1	--	1	1
1	MONOTUBE ARMS 30-FT	1	--	1	--	--	1	--
1	MONOTUBE ARMS 35-FT TYPE 9/10 SPEC POLE	--	1	--	--	1	1	1
2	MONOTUBE ARMS 40-FT TYPE 9/10 SPEC POLE							
4	LUMINAIRE ARMS 15-FT							
2	ACCESSIBLE PEDESTRIAN PUSH BUTTON							
TOTAL		1	3	1	1	2	4	2

CONDUIT				
		652.0225	652.0235	652.0615
		CONDUIT RIGID	CONDUIT RIGID	CONDUIT
		NONMETALLIC	NONMETALLIC	SPECIAL
		SCHEDULE 40	SCHEDULE 40	SPECIAL
		2-INCH	3-INCH	3-INCH
FROM	TO	L.F.	L.F.	L.F.
CB1	PB1	--	30	--
PB1	PB2	7	--	--
PB2	PB3	26	--	--
PB3	PB4	149	--	--
PB4	PB5	130	--	--
PB1	PB6	--	--	168
PB6	SB3	--	11	--
PB6	SB4	19	--	--
PB6	PB7	--	80	--
PB7	SB5	14	--	--
PB7	PB8	209	--	--
PB8	PB9	150	--	--
PB7	PB10	--	--	134
PB10	SB6	--	13	--
PB10	PB11	--	124	--
PB11	SB7	26	--	--
PB11	SB8	12	--	--
PB11	PB12	157	--	--
PB11	PB13	--	--	96
PB13	SB9	--	14	--
PB13	SB10	23	--	--
PB13	PB14	--	94	--
PB14	SB11	13	--	--
PB14	SB12	9	--	--
PB14	PB15	188	--	--
PB15	PB16	150	--	--
PB14	PB17	--	--	164
PB17	PB18	--	50	--
PB18	SB13	--	14	--
PB18	SB1	6	--	--
PB18	SB2	10	--	--
PB18	CB1	--	27	--
TOTAL		1298	457	562

STH 32 & STH 165
KENOSHA COUNTY
CATEGORY XXXX
S30-1444

TRAFFIC DETECTOR LOOPS								
LOOP NO.	HOME RUN PB	LOCATION** ^	SIZE (FT)x(FT)	NO. OF TURNS	SDD INSTALLATION REFERENCE	652.0800 CONDUIT LOOP DETECTOR L.F.	655.0700 LOOP DETECTOR LEAD IN CABLE L.F.	655.0800 LOOP DETECTOR WIRE L.F.
11	PB14	40+13.7, 78.5' RT	6'X20'	3	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	112	130	336
12	PB14	40+11.5, 56.6' RT	6'X20'	3	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	110	130	330
21	PB9	39+40.3, 428.0' LT	6'X20'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	96	504	384
22	PB8	39+60.1, 278.7' LT	6'X10'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	74	354	296
41	PB5	36+22.2, 6.3' RT	6'X10'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	74	336	296
42	PB4	37+52.1, 6.3' RT	6'X10'	3	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	80	206	240
43	PB3	30+30.9, 6.3' RT	6'X20'	3	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	108	57	324

STH 32 & STH 165
KENOSHA COUNTY
CATEGORY XXXX
S30-1444

44	PB3	39+30.9, 21.8' RT	6'X20'	3	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	76	57	228
45	PB2	39+52.9, 6.0' RT	6'X20'	3	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	100	31	300
46	PB2	39+52.9, 21.6' RT	6'X20'	3	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	70	31	210
61	PB16	40+51.0, 422.6' RT	6'X20'	4	LOOP DETECTOR INSTALL IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	82	468	328
62	PB15	40+41.7, 272.8' RT	6'X10'	4	LOOP DETECTOR INSTALL IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	62	318	248
81	PB12	42+26.4, 6.6' LT	6'X10'	4	LOOP DETECTOR INSTALL IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	56	382	224
82	PB11	40+77.4, 4.9' LT	6'X20'	3	LOOP DETECTOR INSTALL IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	86	225	258
83	PB11	40+55.3, 5.0' LT	6'X20'	3	LOOP DETECTOR INSTALL IN BASE COURSE WITH PULL (SPLCE) BOX OFF ROADWAY (OPTION 2)	84	225	252
84	PB11	40.56.9, 13.7' LT	6'X10'	3	LOOP DETECTOR INSTALL IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	58	225	174
TOTAL						1328	3679	4428

* ADDITIONAL QUANTITY SHOWN ELSEWHERE ON PLAN
** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP
^ FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

3

STH 32 & STH 165
KENOSHA COUNTY
CATEGORY XXXX
S30-1444

PULL BOXES			
		653.0135	653.0140
		PULL BOXES	PULL BOXES
		STEEL	STEEL
PULL BOX	LOCATION^	24x36-INCH	24x42-INCH
NO.		EACH	EACH
PB1	39+32.8, 37.3' RT	--	1
PB2	39+27.9, 32.7' RT	1	--
PB3	39+01.7, 32.1' RT	1	--
PB4	37+52.3, 32.9' RT	1	--
PB5	36+22.2, 30.6' RT	1	--
PB6	39+31.6, 46.2' LT	--	1
PB7	39+64.0, 69.1' LT	--	1
PB8	39+36.3, 276.1' LT	1	--
PB9	39+15.9, 425.1' LT	1	--
PB10	40+30.8, 72.0' LT	--	1
PB11	40+67.6, 22.2' LT	--	1
PB12	42+26.0, 21.7' LT	1	--
PB13	40+68.4, 26.0' RT	--	1
PB14	40+42.2, 61.8' RT	--	1
PB15	40+57.5, 271.6' RT	1	--
PB16	40+65.7, 421.1' RT	1	--
PB17	39+60.2, 69.3' RT	--	1
PB18	39+49.4, 47.2' RT	--	1
TOTAL		9	9

^ FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD
* ADDITIONAL QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE			
		655.0240	655.0305
		CABLE	CABLE TYPE
		TRAFFIC SIGNAL	UF 2-12 AWG
		7-14 AWG	GROUNDED
FROM	TO	L.F.	L.F.
CB1	SB1	42	--
CB1	SB2	46	--
CB1	SB3	148	--
CB1	SB4	156	--
CB1	SB5	207	--
CB1	SB6	289	--
CB1	SB7	328	--
CB1	SB8	314	--
CB1	SB9	252	--
CB1	SB10	261	--
CB1	SB11	188	--
CB1	SB12	184	--
CB1	SB13	50	--
CB1	SB3	--	148
SB3	SB6	--	187
CB1	SB13	--	50
SB13	SB9	--	254
TOTAL		2465 *	639

* ADDITIONAL QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE		
655.0515		
ELECTRICAL WIRE		
TRAFFIC SIGNALS		
10 AWG		
FROM	TO	L.F.
CB1	SB1	42
SB1	SB2	40
SB2	SB3	194
SB3	SB4	54
SB4	SB5	113
SB5	SB6	134
SB6	SB7	141
SB7	SB8	62
SB8	SB9	114
SB9	SB10	61
SB10	SB11	123
SB11	SB12	46
SB12	SB13	186
SB13	CB1	50
PB1	CB1	33
PB18	SB1	26
PB18	SB2	30
PB6	SB3	31
TOTAL		1480

CONCRETE BASES					
		654.0101	654.0110	SPV.0060.XX	654.0217
		CONCRETE	CONCRETE	CONCRETE	CONCRETE CONTROL
		BASES	BASES	BASES	CABINET BASES
		TYPE 1	TYPE 10	TYPE 10 SPECIAL	TYPE 9 SPECIAL
SIGNAL	LOCATION^	EACH	EACH	EACH	EACH
CB1	39+41.9, 41.5' RT	--	--	--	1
SB1	39+54.5, 50.4' RT	1	--	--	--
SB2	39+44.1, 38.5' RT	1	--	--	--
SB3	39+42.1, 42.6' LT	--	--	1	--
SB4	39+50.5, 47.5' LT	1	--	--	--
SB5	39+57.7, 56.7' LT	1	--	--	--
SB6	40+34.9, 60.2' LT	--	--	1	--
SB7	40+43.6, 32.0' LT	1	--	--	--
SB8	40+57.4, 28.0' LT	1	--	--	--
SB9	40+57.9, 34.7' RT	--	1	--	--
SB10	40+56.4, 45.0' RT	1	--	--	--
SB11	40+51.2, 52.5' RT	1	--	--	--
SB12	40+46.5, 54.4' RT	1	--	--	--
SB13	39+60.0, 56.2' RT	--	--	1	--
TOTAL		9	1	3	1

^ FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
* ADDITIONAL QUANTITY SHOWN ELSEWHERE ON PLAN

3

3

STH 32 & STH 165
KENOSHA COUNTY
CATEGORY XXXX
S30-1444

TRAFFIC SIGNAL CABLE AND WIRE			
		655.0230 CABLE	655.0240 CABLE
		TRAFFIC SIGNAL 5-14 AWG	TRAFFIC SIGNAL 7-14 AWG
FROM	TO	L.F.	L.F.
SB1	HEAD 15	15	--
SB1	BUTTON	15	--
SB2	HEAD 12	19	--
SB3	HEAD 10	64	--
SB3	HEAD 11	19	--
SB4	HEAD 16	15	--
SB4	BUTTON	15	--
SB5	HEAD 4	--	22
SB5	HEAD 6	15	--
SB5	HEAD 17	15	--
SB5	BUTTON	15	--
SB6	HEAD 2	49	--
SB6	HEAD 3	19	--
SB6	HEAD 5	--	60
SB6	HEAD 18	15	--
SB6	BUTTON	15	--
SB7	HEAD 20	15	--
SB7	BUTTON	15	--
SB8	HEAD 9	15	--
SB9	HEAD 13	54	--
SB9	HEAD 14	19	--
SB10	HEAD 21	15	--
SB10	BUTTON	15	--
SB11	HEAD 22	15	--
SB11	BUTTON	15	--
SB12	HEAD 1	15	--
SB13	HEAD 7	63	--
SB13	HEAD 8	36	--
SB13	HEAD 23	15	--
SB13	BUTTON	15	--
TOTAL		561	82 *

* ADDITIONAL QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE		
655.0610 ELECTRICAL WIRE LIGHTING 12 AWG		
FROM	TO	L.F.
SB3	LUMIN	144
SB6	LUMIN	144
SB9	LUMIN	144
SB13	LUMIN	144
TOTAL		576

TRAFFIC SIGNAL EVP DETECTOR CABLE		
655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE		
FROM	TO	L.F.
CB1	SB13 (HEAD A)	120
CB1	SB6 (HEAD B)	351
CB1	SB9 (HEAD C)	312
CB1	SB3 (HEAD D)	232
TOTAL		663

POLES (CONTRACTOR FURNISHED)				
657.0100 657.0425 657.0430 658.0500				
TRAFFIC SIGNAL TRAFFIC SIGNAL				
STANDARDS STANDARDS				
PEDESTAL ALUMINUM ALUMINUM PEDESTRIAN				
BASES 15-FT 10-FT PUSH				
SIGNAL	BASES	ALUMINUM	ALUMINUM	PEDESTRIAN
BASE NO.	EACH	EACH	EACH	BUTTONS
SB1	1	--	1	1
SB2	1	1	--	--
SB4	1	--	1	1
SB5	1	1	--	1
SB7	1	--	1	1
SB8	1	1	--	--
SB10	1	--	1	1
SB11	1	--	1	1
SB12	1	1	--	--
TOTAL	9	4	5	6*

* ADDITIONAL QUANTITY SHOWN ELSEWHERE ON PLAN

POLES (STATE FURNISHED)								
SPV.0060.XXXX		SPV.0060.XXXX		SPV.0060.XXXX		SPV.0060.XXXX		658.0500
INSTALL		INSTALL		INSTALL		INSTALL		PEDESTRIAN
POLES		POLES		MONOTUBE		MONOTUBE		PUSH
TYPE 10		TYPE 10 SPECIAL		ARMS 30-FT		ARMS 40-FT		BUTTONS
				TYPE 9/10 SPEC POLE		TYPE 9/10 SPEC POLE		
SIGNAL								
BASE NO.	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
SB3	--	1	--		1		--	1
SB6	--	1	--		1		1	1
SB9	1	--	1		--		1	1
SB13	--	1	--		1		1	1
TOTAL	1	3	1	1	2	4	2*	4

* ADDITIONAL QUANTITY SHOWN ELSEWHERE ON PLAN

3

3

STH 32 & STH 165
KENOSHA COUNTY
CATEGORY XXXX
S30-1444

FACES				
SIGNAL HEAD NO.	SIGNAL BASE NO.	658.0173	658.0174	658.0416
		TRAFFIC	TRAFFIC	PEDESTRIAN
		SIGNAL FACE 3S 12-INCH EACH	SIGNAL FACE 4S 12-INCH EACH	SIGNAL FACE 16-INCH EACH
1	SB12	1	--	--
2	SB6	1	--	--
3	SB6	1	--	--
4	SB5	--	1	--
5	SB6	--	1	--
6	SB5	1	--	--
7	SB13	1	--	--
8	SB13	1	--	--
9	SB8	1	--	--
10	SB3	1	--	--
11	SB3	1	--	--
12	SB2	1	--	--
13	SB9	1	--	--
14	SB9	1	--	--
15	SB1	--	--	1
16	SB4	--	--	1
17	SB5	--	--	1
18	SB6	--	--	1
19	SB7	--	--	1
20	SB10	--	--	1
21	SB11	--	--	1
22	SB13	--	--	1
TOTAL		12	2	8

^ DENOTES SIGNAL HOUSING WITH REFLECTIVE BACKPLATE
* ADDITIONAL QUANTITY SHOWN ELSEWHERE ON PLAN

SIGNAL MOUNTING HARDWARE	
LOCATION	658.5069.01 SIGNAL MOUNTING HARDWARE L.S.
STH 32 & STH 165	1
TOTAL	
1	

TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET	
LOCATION	SPV.0105.XX TRNSPT AND INSTALL STATE FURN TRAFFIC SIGNAL CABINET L.S.
STH 32 & STH 165	1
TOTAL	
1	

TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS	
LOCATION	SPV.0105.XX TRNSPT TRAFFIC SIGNAL & INTER LIGHTING MATERIALS L.S.
STH 32 & STH 165	1
TOTAL	
1	

EVP DETECTOR HEAD INSTALLATION	
LOCATION	SPV.0105.XX TRNSPT & INSTALL STATE FURN EVP HEADS L.S.
STH 32 & STH 165	1
TOTAL	
1	

3

TYPE II PERMANENT SIGNING

3240-11-70 STH 165

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE			637.2210	637.2230	637.2215	638.2602	638.3000	634.0618	634.0814	638.2102	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
			W	x	H	SIGNS TYPE II REFLC H [SF]	SIGNS TYPE II REFLC F [SF]	SIGNS TYPE II REFLC H FOLDING [SF]	REMOVING SIGNS TYPE II [EA]	REMOVING SMALL SIGN SUPPORTS [EA]	POSTS WOOD 4"X 6"X18' [EA]	POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT EA	MOVE SIGNS TYPE II [EA]		
			[IN.]	x	[IN.]										
1	J1-2(2S) M2-1 M1-6B M4-6 M1-6B	STH 32 STH 165	48 21 24 24 24	X X X X X	39 15 24 12 24	13.000					1				
2 3 4 5 6	W3-1 W3-3(2S) W23-2(2S) R2-1(2S) W14-3(2S)	 SPEED LIMIT 40	36 36 24 48	X X X X	36 36 30 36	5.000	9.000 9.000		1	1	1 1 1 1				16 X 16 TEMPORARY FLAGS INCIDENTAL 16 X 16 TEMPORARY FLAGS INCIDENTAL
7	J2-2(2S) M3-1 M1-6B M5-1L M3-3	STH 32	48 24 24 21 24	X X X X X	57 12 24 21 12	19.000					1				
8 9 10	M1-6B M5-1R JV1-2 R3-8(MODIFIED) R3-7R(2S)	STH 32	24 21 36 30	X X X X	24 21 30 30		7.500 6.250		1	1	1 1				
11 12	R1-1F(3) J3-2(2S) M3-1 M1-6B M6-1	STH 32	36 48 24 24 21	X X X X X	36 57 12 24 21	19.000		7.460	1	1	1				MOUNT ON SIGNAL POLE. SIZE 3 USED SINCE INTERSECTING TWO STATE HIGHWAYS
13 14	M3-3 M1-6B M6-1 R1-1 R1-1F(3)	STH 32	24 24 21 36	X X X X	12 24 21 36			7.460	1	1					W4-4C PART OF REMOVAL MOUNT ON SIGNAL POLE. SIZE 3 USED SINCE INTERSECTING TWO STATE HIGHWAYS
15 16	J3-1(2S) M3-4 M1-6 M6-1 M1-94S	STH 165 32, SHERIDAN RD	24 24 24 21 108	X X X X X	57 12 24 21 18	9.500 13.500			1	1	1				MOUNT ON SIGNAL ARAM
17 18 19 20 21	M1-94S W1-7 R1-1 R1-1F(3) M1-94S	32, SHERIDAN RD 165. 104TH ST	108 36 84	X X X	18 36 18	13.500 10.500		7.460	1 1	1 1					MOUNT ON SIGNAL ARM W4-4C PART OF REMOVAL MOUNT ON SIGNAL POLE. SIZE 3 USED SINCE INTERSECTING TWO STATE HIGHWAYS MOUNT ON SIGNAL ARM
22 23 24	M1-94S R1-1F(3) J3-1(2S) M3-4 M1-6 M6-1	165. 104TH ST STH 165	84 36 24 24 24	X X X X X	18 36 57 12 24	10.500 9.500		7.460			1				MOUNT ON SIGNAL ARM MOUNT ON SIGNAL POLE. SIZE 3 USED SINCE INTERSECTING TWO STATE HIGHWAYS
25 26	 J4-1(2S)	ADOPT A HIGHWAY	21 24	X X	21 36				1	1 1	1 1		1		
27 28 29 30	M3-3 M1-6 R2-1(2S) W3-1 W23-2(2S) W3-3(2S)	STH 165 SPEED LIMIT 25	24 24 24 36 36	X X X X X	12 24 30 36 36	5.000						1 1			LOCAL ROAD 16 X 16 TEMPORARY FLAGS INCIDENTAL 16 X 16 TEMPORARY FLAGS INCIDENTAL

TYPE II PERMANENT SIGNING

3240-11-70 STH 165

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W x H [IN.] x [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 POSTS WOOD 4"X6"X18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT EA	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
31	J1-1(2S) M2-1		24 X 39 21 X 15	6.500			1	1	1				
32	M1-6 W3-3(2S)	STH 165	24 X 24 36 X 36		9.000				1				16 X 16 TEMPORARY FLAGS INCIDENTAL
33	W14-3(2S)		48 X 36		5.560				1				
34	W23-2(2S)		36 X 36		9.000				1				16 X 16 TEMPORARY FLAGS INCIDENTAL
35	R3-8(MODIFIED)		36 X 30	7.500					1				
36	J2-1 (2S)		24 X 57	9.500					1				
	M3-4		24 X 12										
	M1-6	STH 165	24 X 24										
	M5-1L		21 X 21										
37	R2-1(2S)	SPEED LIMIT 45	24 X 30				1	1	1				
38	W14-3(2S)		48 X 36		5.560		1	1	1				
39		ADOPT A HIGHWAY									1		
40	J4-1(2S)		24 x 36	6.000			1	1	1				
	M3-3		24 X 12										
	M1-6B	STH 32	24 X 24										
41	M1-93(2S)		24 X 24	4.000								40	REMOVAL OF SIGN PART OF # 40
42	R3-7L(2S)		30 X 30	6.250					1				
43		ADOPT A HIGHWAY									1		
44	J4-1(2S)		24 x 36	6.000			1	1	1				
	M3-1		24 X 12										
	M1-6B	STH 32	24 X 24										
45	M1-93(2S)		24 X 24	4.000								44	REMOVAL OF SIGN PART OF # 44
46	W2-2						1	1					
47	R3-7R(2S)		30 X 30	6.250					1				
48	R2-1(2S)	SPEED LIMIT 45	24 X 30	5.000			1	1	1				
49	W14-3(2S)		48 X 36		5.560				1				
50	W3-3(2S)		36 X 36		9.000				1				16 X 16 TEMPORARY FLAGS INCIDENTAL
51	W3-1						1	1					
52	J2-1 (2S)		24 X 57	9.500					1				
	M3-4		24 X 12										
	M1-6	STH 165	24 X 24										
	M5-1R		21 X 21										
53	W23-2(2S)		36 X 36		9.000				1				16 X 16 TEMPORARY FLAGS INCIDENTAL
54	R3-8(MODIFIED)		36 X 30	7.500					1				
55	J1-1(2S)		24 X 39	6.500			1	1	1				
	M2-1		21 X 15										
	M1-6	STH 165	24 X 24										
TOTALS				232.250	94.240	29.840	19	22	34	3	3		

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
PROJECT NO. 3240-11-20
STH 32 & STH 165
STH 32 & STH 165 INTERSECTION
KENOSHA COUNTY



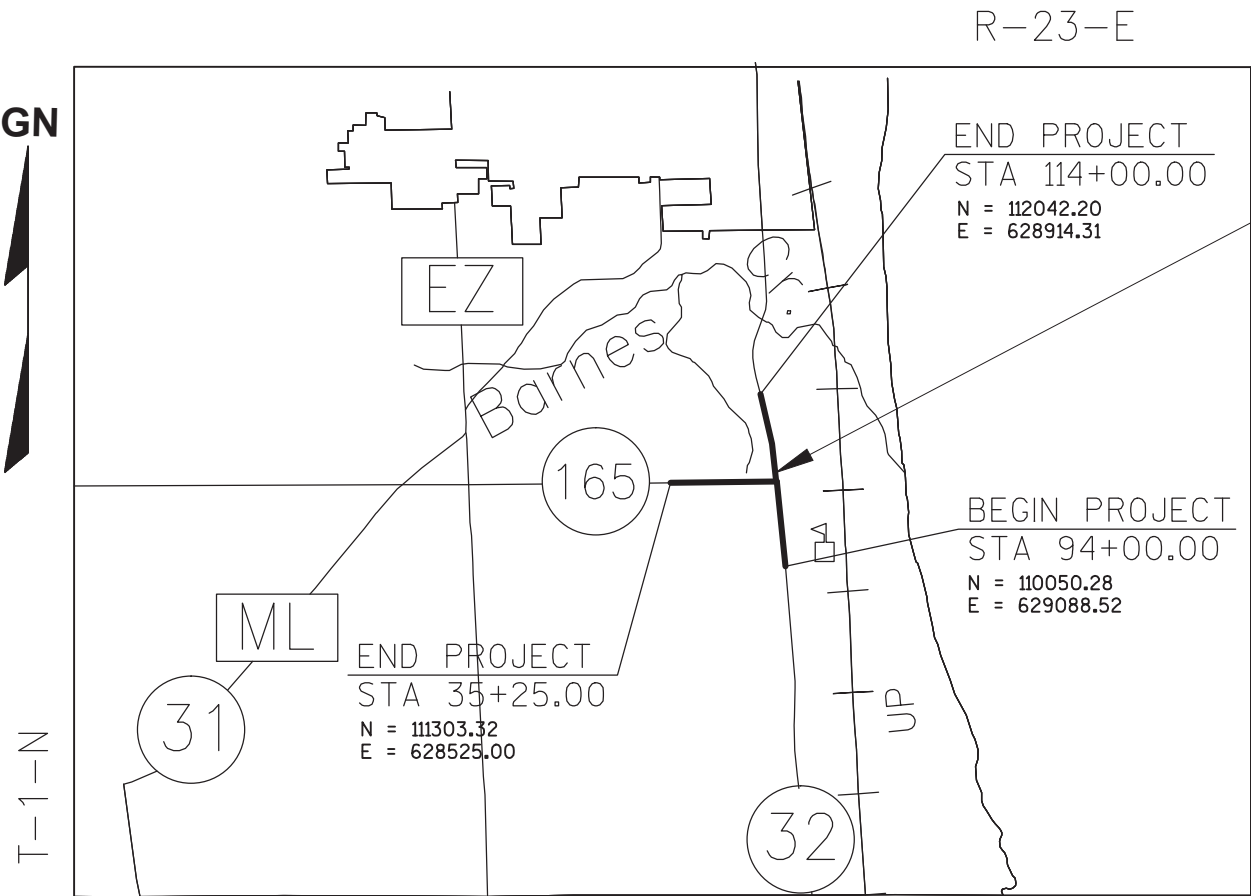
4

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	RDE
CENTERLINE	C/L	EASEMENT	
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	TLE
GAS VALVE	GV	EASEMENT	
GRID NORTH	GN	TRANSPORTATION PROJECT	TPP
HIGHWAY EASEMENT	HE	PLAT	
IDENTIFICATION	ID	UNITED STATES HIGHWAY	USH
LAND CONTRACT	LC	VOLUME	V
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED	PLE		
EASEMENT			
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	---	SECTION CORNER SYMBOL	
QUARTER LINE	---	FOUND R/W POST	
SIXTEENTH LINE	---	GEODETIC SURVEY MONUMENT	
NEW REFERENCE LINE	---	SIXTEENTH CORNER MONUMENT	
NEW R/W LINE	---	SIGN	
EXISTING R/W OR HE LINE	---	OFF-PREMISE SIGN	
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	---		

CONVENTIONAL UTILITY SYMBOLS			
POWER POLE	---	WATER	---
TELEPHONE POLE	---	GAS	---
TELEPHONE PEDESTAL	---	TELEPHONE	---
GUY ANCHOR	---	OVERHEAD	---
ELECTRIC TOWER	---	TRANSMISSION LINES	---
GAS VALVE	---	ELECTRIC	---
	---	CABLE TELEVISION	---
	---	FIBER OPTIC	---
	---	SANITARY SEWER	---
	---	STORM SEWER	---



PROJECT LOCATION

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, KENOSHA COUNTY, NAD83 (2007) 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 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE PLANNING DEPARTMENT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

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".

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 AND ACCURATE FIELD SURVEY.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 32 AND STH 165 ESTABLISHED FROM PREVIOUS PROJECT 447-E, CAROL BEACH ESTATES SUBDIVISION, CERTIFIED SURVEY MAP 1352 AND CERTIFIED SURVEY MAP 2449.

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. ALL TLE'S ARE TO EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

TRANSPORTATION PROJECT PLAT NO: 3240-11-20 - 4.01

THAT PART OF LOTS 1 AND 2, CSM 1352, IN AND INCLUDING THAT PART OF THE NW 1/4-NE 1/4, SECTION 30, IN TOWNSHIP 1 NORTH, RANGE 23 EAST, VILLAGE OF PLEASANT PRAIRIE, KENOSHA COUNTY, WISCONSIN.

RELOCATION ORDER STH 32 & STH 165 INTERSECTION.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, KENOSHA COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, 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.

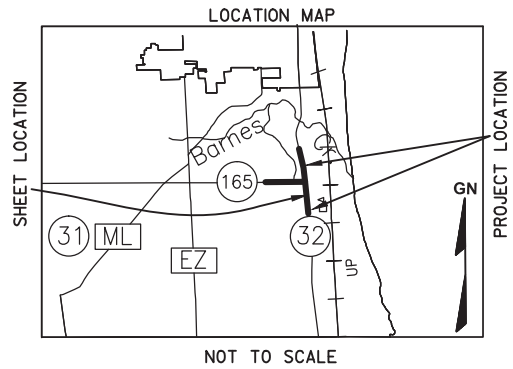
20' TEMPORARY
DRIVEWAY
EASEMENT
CSM 1352
DOC.842565
V.1394, P.766
PARCEL 1

NE-NW

NW-NE
VILLAGE OF
PLEASANT PRAIRIE

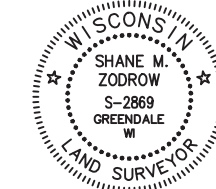
SCALE, FEET

0 50 100



raSmith
CREATIVITY BEYOND
ENGINEERING

I, SHANE M. ZODROW, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 3240-11-20 - 4.01 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.



SHANE M. ZODROW
AGENT FOR raSmith
P.L.S. NUMBER 2869

04/19/19
DATE

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

Robert L. Duffeck
PRINTED NAME

04/25/19
DATE

R/W COURSE TABLE

299-300	S85°59'27"W	3.00'
300-318	N04°00'33"W	75.00'
318-319	S85°59'27"W	3.00'
319-320	N04°00'33"W	125.00'
320-321	S85°59'27"W	4.00'
321-301	N04°00'33"W	310.51'

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, KENOSHA COUNTY, NAD83 (2007) 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 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE PLANNING DEPARTMENT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF THIS DOCUMENT.

HWY	BASIS OF EXESTING R/W	R/W WIDTH	YEAR
STH 32	PROJECT NO. 447-E	VARIES	1933
STH 32	CSM 1352	66'	1990

SCHEDULE OF LANDS & INTEREST REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
1	WILSON FAMILY TRUST	FEE, TLE	0.004	-	0.004	0.013
2	URSIN TRUST	FEE, TLE	0.012	-	0.012	0.023
3	DARLENE NEWMAN AND KERRY SMITH	FEE, TLE	0.028	0.105	0.133	0.032
4	MICHAEL MELVIN SURDEL	FEE, TLE	0.023	0.076	0.099	0.023
5	MICHAEL MELVIN SURDEL	FEE, TLE	0.027	0.087	0.114	0.027

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND AND INTERESTS TO THE DOT.



DOCUMENT
1840763

RECORDED
At Kenosha County, Kenosha WI 53148
Jodi Lynn K. Sherr, Registrar of Deeds
May 01, 2019 10:25 AM
P.25 00
Page 2

Plat # 20169 (01)

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3240-11-20 - 4.01
AMENDMENT NO: _____
SHEET 1 OF 2

THIS IS A COPY.
THE ORIGINAL IS IN THE
REGISTER OF DEEDS OFFICE.

TRANSPORTATION PROJECT PLAT NO: 3240-11-20 - 4.02

THAT PART OF LOT 1, CSM 2449, IN AND INCLUDING THAT PART OF THE NW 1/4-NE 1/4, SECTION 30, ALSO THAT PART OF THE NE 1/4-NW 1/4, SECTION 30, ALL BEING LOCATED IN TOWNSHIP 1 NORTH, RANGE 23 EAST, VILLAGE OF PLEASANT PRAIRIE, KENOSHA COUNTY, WISCONSIN.

RELOCATION ORDER STH 32 & STH 165 INTERSECTION.

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 SECTIONS 84.02 (3), 84.09, AND 84.30, 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.

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
STH 32	PROJECT DJ 2181	66'	1933
STH 165	CSM 2449	40'	2004
STH 32	CSM 2449	17'	2004
STH 165	TOWN ROAD RECORD	33'	1842

raSmith
CREATIVITY BEYOND
ENGINEERING

I, SHANE M. ZODROW, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 3240-11-20 - 4.02 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.



SHANE M. ZODROW
AGENT FOR raSmith
P.L.S. NUMBER 2869
12/03/19
DATE

THIS PLAT AND RELOCATION ORDER IS APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.
Robert L. Duffeck
PRINTED NAME
SIGNATURE
12/03/19
DATE



DOCUMENT
1856625

RECORDED
At Kenosha County, Kenosha WI 53148
Jilliana R. Storz, Register of Deeds
December 03, 2019 12:12 PM
Page 1

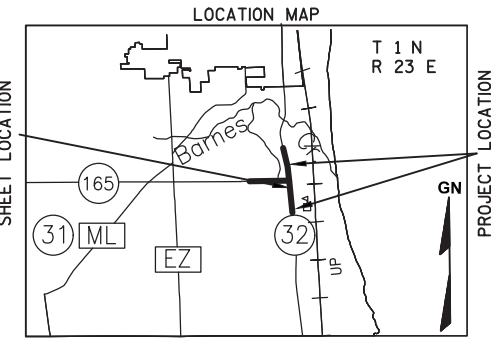
Plat # 20182

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3240-11-20 - 4.02
AMENDMENT NO: _____

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THE ORIGINAL IS
IN THE
REGISTER OF
DEEDS OFFICE.

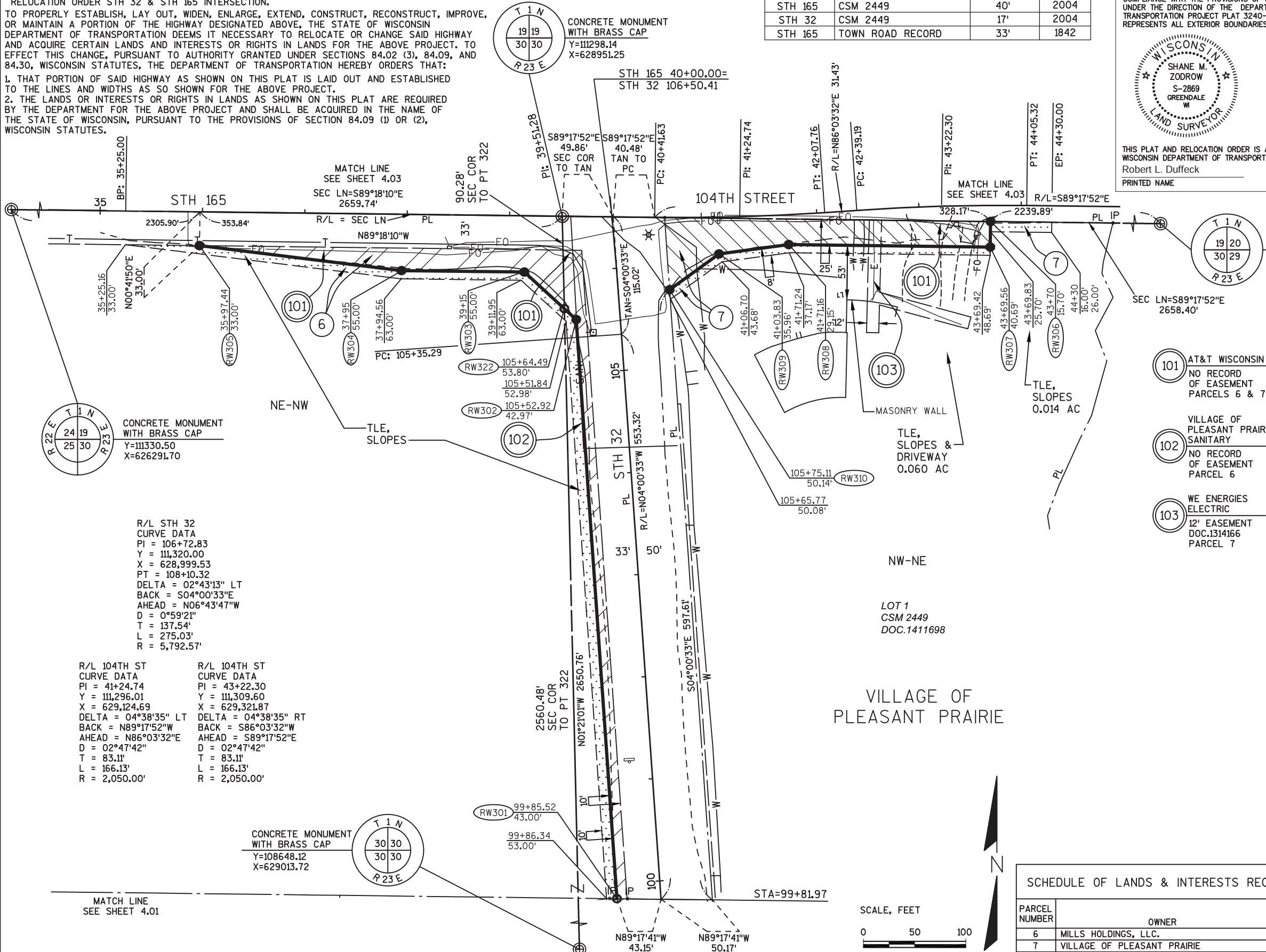
R/W COURSE TABLE		
306-307	S00°42'08"W	25.00'
307-308	N89°17'52"W	196.89'
308-309	S82°20'10"W	68.73'
309-310	S54°06'05"W	59.53'
301-302	N04°00'33"W	567.27'
302-322	N47°35'11"W	15.78'
322-303	N47°35'11"W	52.93'
303-304	N89°18'10"W	120.00'
304-305	N82°56'55"W	198.78'

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, KENOSHA COUNTY, NAD83 (2007) 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 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE PLANNING DEPARTMENT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 1840765, OF TRANSPORTATION PROJECT PLATS IN THE KENOSHA COUNTY REGISTER OF DEEDS.



UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
101	AT&T WISCONSIN	RELEASE OF RIGHTS
102	VILLAGE OF PLEASANT PRAIRIE - SANITARY	RELEASE OF RIGHTS
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED					
PARCEL NUMBER	OWNER	INTEREST REQUIRED	AREAS ACRES REQUIRED		
			NEW	EXISTING	TOTAL
6	MILLS HOLDINGS, LLC.	FEE, TLE	0.305	0.787	1.092
7	VILLAGE OF PLEASANT PRAIRIE	FEE, TLE	0.222	-	0.222



TRANSPORTATION PROJECT PLAT NO: 3240-11-20 - 4.03

THAT PART OF LOTS 4, 6, 7, 8, 10 AND 11, CAROL BEACH ESTATES UNIT #7, BLOCK 7, IN THE SW1/4 - SE1/4, SECTION 19, IN TOWNSHIP 1 NORTH, RANGE 23 EAST, VILLAGE OF PLEASANT PRAIRIE, KENOSHA COUNTY, WISCONSIN.

RELOCATION ORDER STH 32 & STH 165 INTERSECTION.

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 SECTIONS 84.02 (3), 84.09, AND 84.30, 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.

WE ENERGIES - ELECTRIC
NO RECORD OF EASEMENT PARCEL 8

TIME WARNER CABLE
NO RECORD OF EASEMENT PARCEL 8

R/W COURSE TABLE			
L1	N06°43'47"W	41.51'	
L2	N83°16'13"E	49.80'	
316-317	S54°51'08"E	53.13'	
L3	S00°42'08"W	40.00'	

R/L 104TH ST
CURVE DATA
PI = 41+24.74
Y = 111,296.01
X = 629,124.69
DELTA = 04°38'35" LT
BACK = N89°17'52"W
AHEAD = N86°03'32"E
D = 02°47'42"
T = 83.11'
L = 166.13'
R = 2,050.00'

R/L 104TH ST
CURVE DATA
PI = 43+22.30
Y = 111,309.60
X = 629,321.87
DELTA = 04°38'35" RT
BACK = S86°03'32"W
AHEAD = S89°17'52"E
D = 02°47'42"
T = 83.11'
L = 166.13'
R = 2,050.00'

R/L STH 32
CURVE DATA
PI = 106+72.83
Y = 111,320.00
X = 628,999.53
PC = 105+35.29
DELTA = 02°43'13" LT
BACK = S04°00'33"E
AHEAD = N06°43'47"W
D = 0°59'21"
T = 137.54'
L = 275.03'
R = 5,792.57'

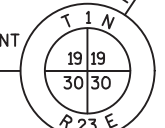
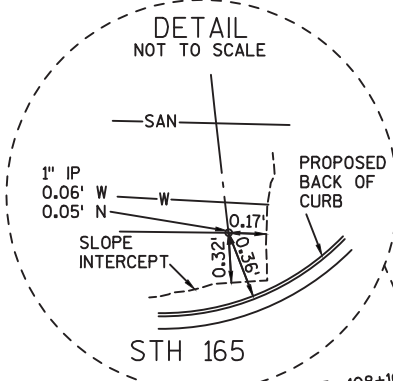
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SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	FEE ACRES	TLE ACRES
8	BENJAMIN G. NESS	FEE, TLE	0.012	0.035
9	BYRON W. OLSON & ILANA E. WOLFF	TLE	-	0.016
10	CHRISTOPHER S. AND SANDRA MIKS	TLE	-	0.021
11	TODD L. AND SANDRA M. DIGIROLAMO	TLE	-	0.021
12	JOE AND AIMEE E. ARREGUIN	TLE	-	0.010
13	WALTER AND TIFFANY NAEKRSZ	TLE	-	0.007

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND AND INTERESTS TO THE DOT.

CONCRETE MONUMENT WITH BRASS CAP
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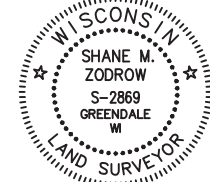


SE-SW

SW-SE

raSmith
CREATIVITY BEYOND
ENGINEERING

I, SHANE M. ZODROW, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 3240-11-20 - 4.03 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.



SHANE M. ZODROW
AGENT FOR raSmith
P.L.S. NUMBER 2869

12/03/19
DATE

THIS PLAT AND RELOCATION ORDER IS APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.
Robert L. Duffeck
PRINTED NAME

Robert L. Duffeck
SIGNATURE

12/03/19
DATE



DOCUMENT
1856626

RECORDED
At Kenosha County, Kenosha WI 53148
Jilliana B. Sherr, Assistant of Deeds
December 05, 2019 12:14 PM
Page 1

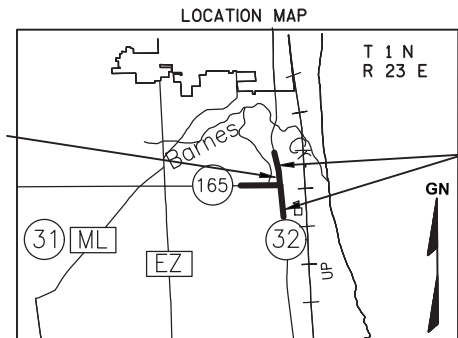
Plat # 20183

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3240-11-20 - 4.03
AMENDMENT NO: _____

THIS IS A COPY.
THE ORIGINAL IS
IN THE
REGISTER OF
DEEDS OFFICE.

VILLAGE OF
PLEASANT PRAIRIE

CAROL BEACH
ESTATES
UNIT #7
BLOCK 7

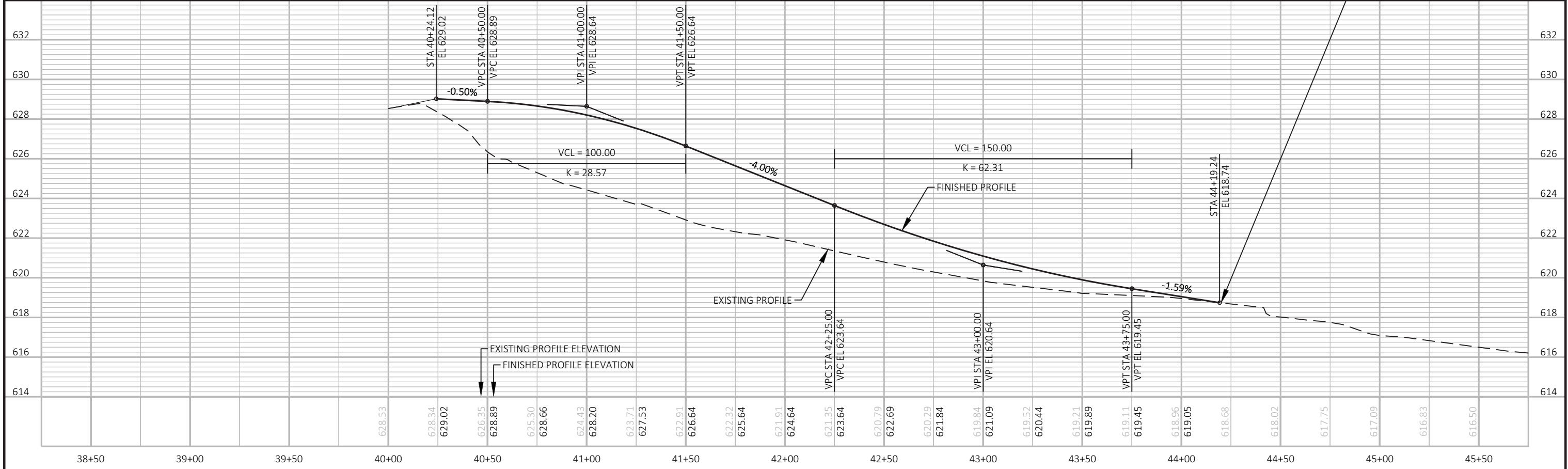
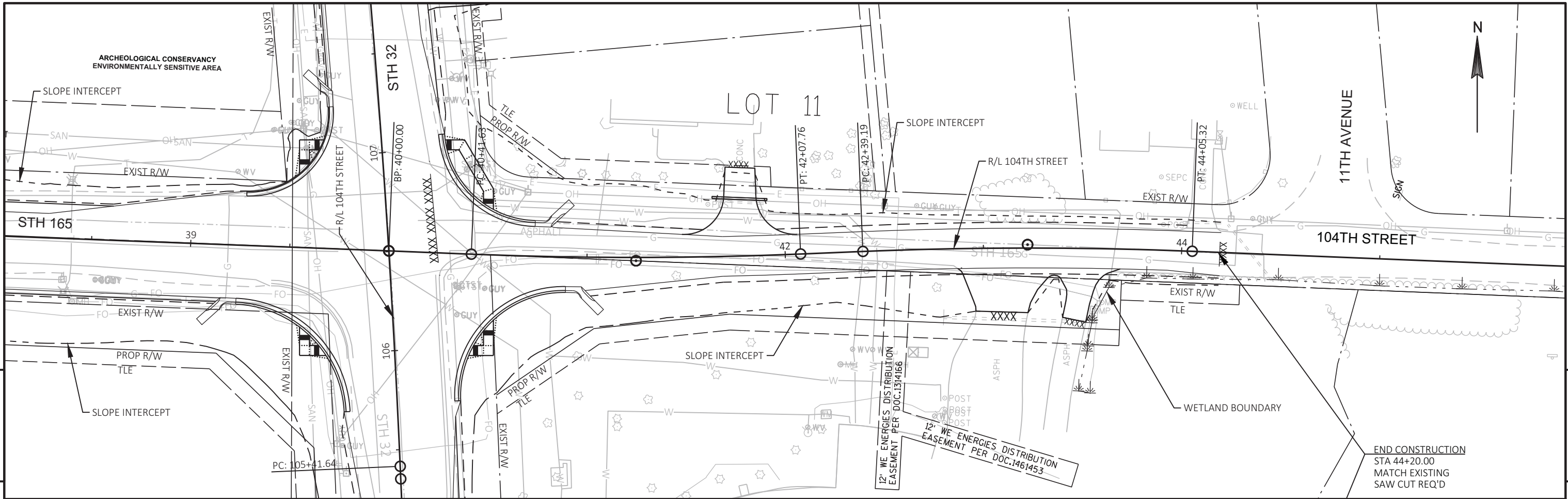


NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, KENOSHA COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.
RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION CONTACT THE PLANNING DEPARTMENT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2 OF DOCUMENT 1840765, OF TRANSPORTATION PROJECT PLATS IN THE KENOSHA COUNTY REGISTER OF DEEDS.

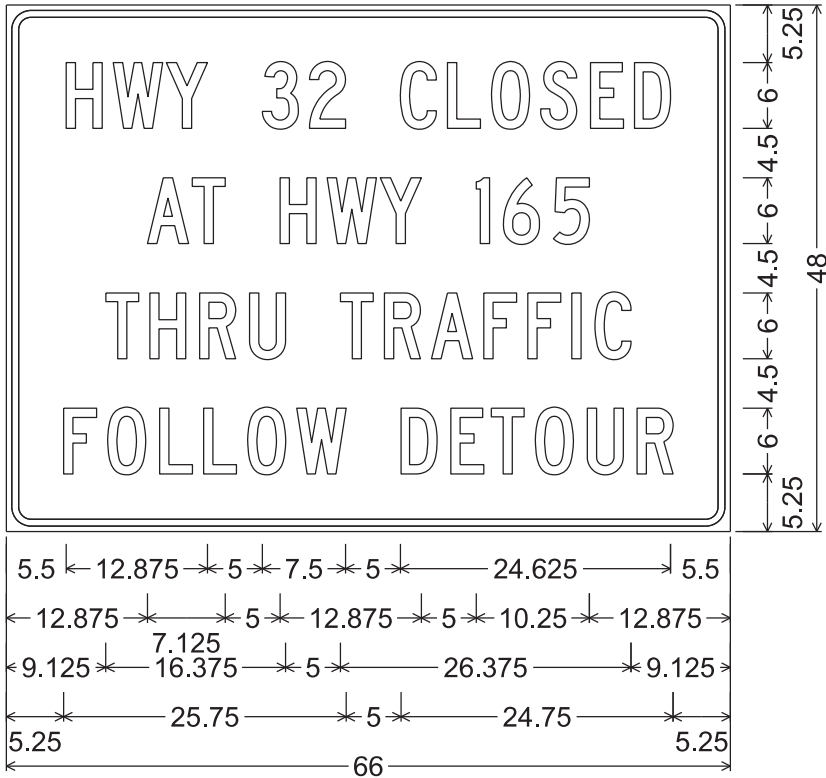
UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
103	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
104	TIME WARNER CABLE	RELEASE OF RIGHTS

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
STH 32	PROJECT DJ 2181	100'	1933
104TH ST	CSM 2449	40'	2004
STH 32	CAROL BEACH ESTATES	100'	1953
104TH ST	CAROL BEACH ESTATES	40'	1953
STH 165	TOWN ROAD RECORD	33'	1842

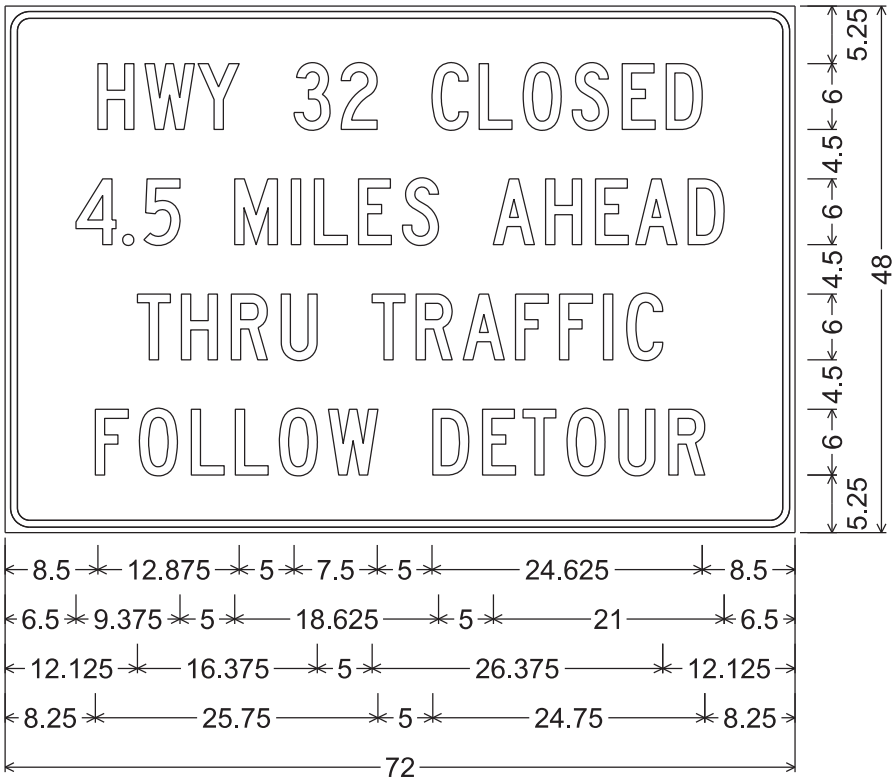




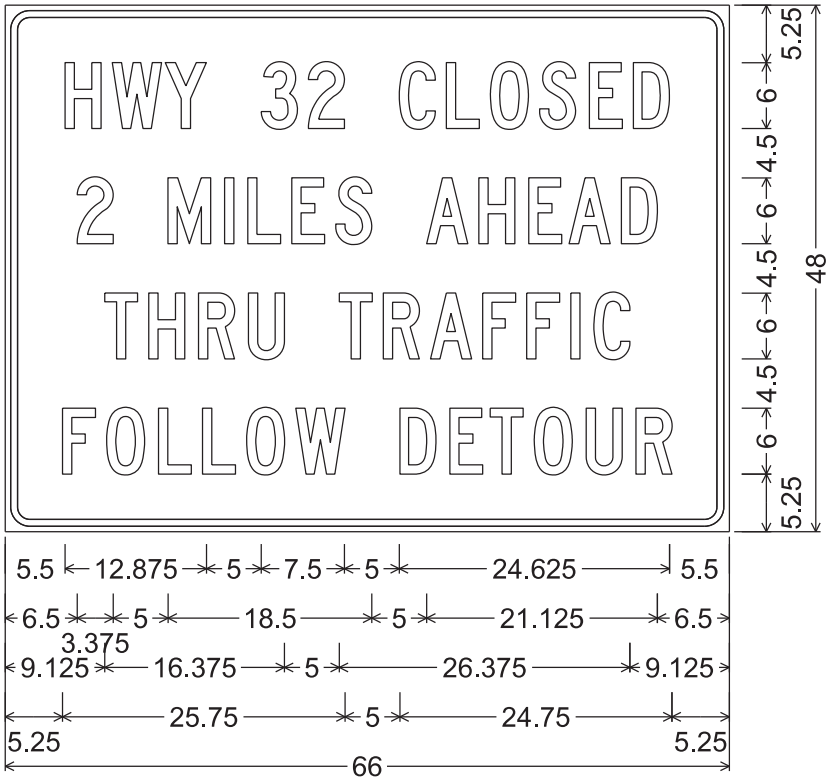
PROJECT NO: 3240-11-70	HWY: STH 32	COUNTY: KENOSHA	PLAN AND PROFILE: 104TH ST	SHEET	E
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2.250" Radius, 0.625" Border, 0.500" Indent



2.250" Radius, 0.625" Border, 0.500" Indent



2.250" Radius, 0.625" Border, 0.500" Indent

NOTES

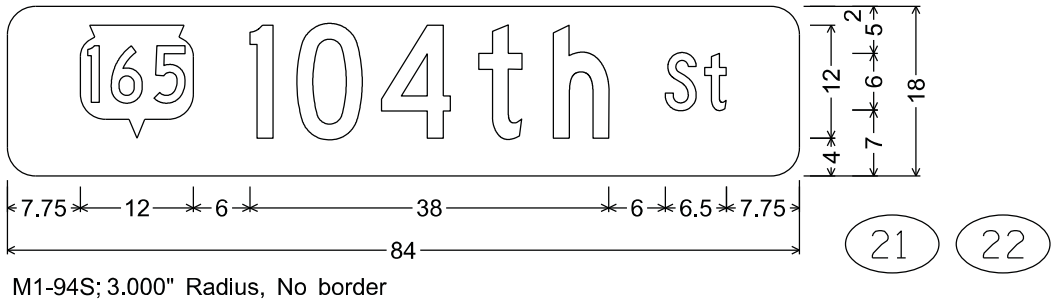
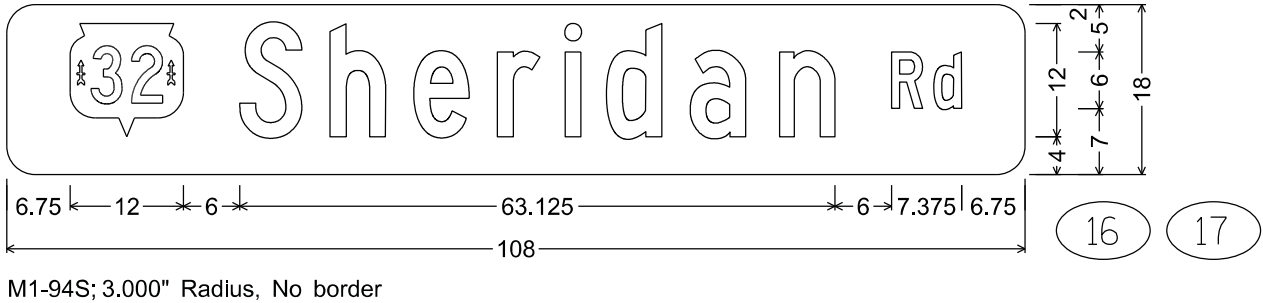
- 1. Fixed Message Sign - Type II Type F Reflective
- 2. Color:
 - Background - Orange
 - Message - Black
- 3. Message Series - C

7

7

NOTES

- 1. All Signs Type II - Type H Reflective
- 2. Color:
Background - Green
Message - White
- 3. Message Series - C



STH 32									
STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
							1.00	1.20	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
94+00	9400.00	0.00	0.06	0.06	0	0	0	0	0
94+50	9450.00	50.00	3.25	0.09	3	0	3	0	3
95+00	9500.00	50.00	4.88	0.00	8	0	11	0	11
95+50	9550.00	50.00	4.69	0.00	9	0	20	0	20
96+00	9600.00	50.00	4.62	0.01	9	0	29	0	29
96+50	9650.00	50.00	5.55	0.14	9	0	38	0	38
97+00	9700.00	50.00	6.44	0.48	11	1	49	1	48
97+50	9750.00	50.00	5.84	4.58	11	5	60	7	53
98+00	9800.00	50.00	8.12	5.73	13	10	73	19	54
98+50	9850.00	50.00	6.19	8.85	13	14	86	36	50
99+00	9900.00	50.00	6.82	10.90	12	18	98	58	40
99+50	9950.00	50.00	8.29	14.85	14	24	112	86	26
100+00	10000.00	50.00	46.85	31.40	51	43	163	138	25
100+50	10050.00	50.00	26.91	7.28	68	36	231	181	50
101+00	10100.00	50.00	23.99	6.33	47	13	278	197	81
101+50	10150.00	50.00	18.98	6.09	40	12	318	211	107
102+00	10200.00	50.00	12.90	7.64	30	13	348	227	121
102+50	10250.00	50.00	14.61	4.73	25	11	373	240	133
103+00	10300.00	50.00	17.64	8.34	30	12	403	254	149
103+50	10350.00	50.00	33.53	7.19	47	14	450	271	179
104+00	10400.00	50.00	40.78	3.35	69	10	519	283	236
104+50	10450.00	50.00	25.37	3.43	61	6	580	290	290
105+00	10500.00	50.00	15.61	6.58	38	9	618	301	317
105+50	10550.00	50.00	18.93	16.26	32	21	650	326	324
105+73.104	10573.10	23.10	20.64	36.16	17	22	667	353	314
105+75	10575.00	1.90	21.64	37.70	1	3	668	356	312
105+80	10580.00	5.00	24.34	48.11	4	8	672	366	306
105+85	10585.00	5.00	27.13	56.49	5	10	677	378	299
105+90	10590.00	5.00	32.23	59.14	5	11	682	391	291
105+95	10595.00	5.00	28.56	53.66	6	10	688	403	285
106+00	10600.00	5.00	9.12	43.03	3	9	691	414	277
106+05	10605.00	5.00	3.09	33.91	1	7	692	422	270
106+10	10610.00	5.00	2.48	30.01	1	6	693	430	263
106+15	10615.00	5.00	4.76	18.52	1	4	694	434	260
106+20	10620.00	5.00	3.07	14.17	1	3	695	438	257
106+25	10625.00	5.00	1.90	11.24	0	2	695	440	255
106+30	10630.00	5.00	1.13	7.57	0	2	695	443	252
106+35	10635.00	5.00	0.64	6.07	0	1	695	444	251
106+40	10640.00	5.00	0.27	4.48	0	1	695	445	250
106+45	10645.00	5.00	0.00	2.82	0	1	695	446	249
106+50	10650.00	5.00	0.00	1.80	0	0	695	446	249
106+55	10655.00	5.00	0.00	2.94	0	0	695	446	249
106+60	10660.00	5.00	0.00	4.30	0	1	695	448	247
106+65	10665.00	5.00	0.00	5.35	0	1	695	449	246
106+70	10670.00	5.00	0.01	8.32	0	1	695	450	245
106+75	10675.00	5.00	0.00	13.26	0	2	695	452	243
106+80	10680.00	5.00	0.00	31.53	0	4	695	457	238
106+85	10685.00	5.00	0.00	55.24	0	8	695	467	228
106+90	10690.00	5.00	0.00	77.74	0	12	695	481	214
106+95	10695.00	5.00	0.00	92.47	0	16	695	500	195

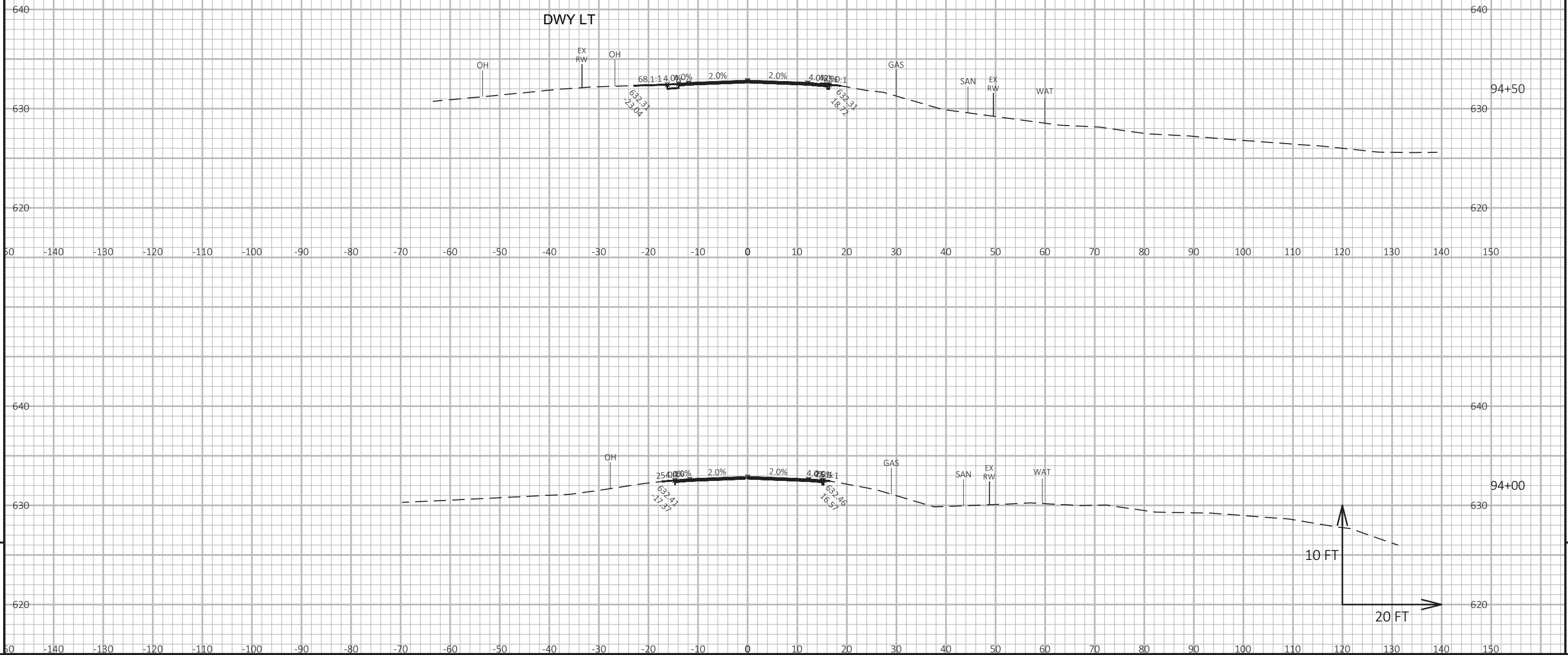
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STH 32									
STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
							1.00	1.20	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
107+00	10700.00	5.00	0.06	78.37	0	16	695	520	175
107+05	10705.00	5.00	0.00	60.58	0	13	695	535	160
107+07.151	10707.15	2.15	0.00	48.59	0	4	695	540	155
107+50	10750.00	42.85	0.00	42.74	0	72	695	626	69
108+00	10800.00	50.00	0.08	38.34	0	75	695	716	-21
108+50	10850.00	50.00	0.62	19.18	1	53	696	780	-84
109+00	10900.00	50.00	1.51	9.13	2	26	698	811	-113
109+50	10950.00	50.00	2.44	4.54	4	13	702	827	-125
110+00	11000.00	50.00	0.59	5.40	3	9	705	838	-133
110+50	11050.00	50.00	0.11	3.96	1	9	706	848	-142
111+00	11100.00	50.00	0.04	4.45	0	8	706	858	-152
111+50	11150.00	50.00	0.03	3.54	0	7	706	866	-160
112+00	11200.00	50.00	0.05	0.62	0	4	706	871	-165
112+50	11250.00	50.00	0.11	0.51	0	1	706	872	-166
113+00	11300.00	50.00	0.55	0.00	1	0	707	872	-165
113+50	11350.00	50.00	0.30	0.39	1	0	708	872	-164
114+00	11400.00	50.00	0.02	0.09	0	0	708	872	-164

STH 165									
STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
							1.00	1.20	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
35+00	3500.00	0.00	0.00	1.61	0	0	0	0	0
35+50	3550.00	50.00	1.68	7.85	2	9	2	11	-9
36+00	3600.00	50.00	1.83	12.85	3	19	5	34	-29
36+50	3650.00	50.00	9.90	11.00	11	22	16	60	-44
37+00	3700.00	50.00	12.07	12.11	20	21	36	85	-49
37+50	3750.00	50.00	38.36	8.54	47	19	83	108	-25
38+00	3800.00	50.00	43.29	11.24	76	18	159	130	29
38+50	3850.00	50.00	37.14	12.89	74	22	233	156	77
39+00	3900.00	50.00	26.77	12.36	59	23	292	184	108
39+27.295	3927.29	27.29	26.81	5.12	27	9	319	194	125
39+30	3930.00	2.71	30.86	10.18	3	1	322	196	126
39+35	3935.00	5.00	29.21	14.05	6	2	328	198	130
39+40	3940.00	5.00	27.04	12.49	5	2	333	200	133
39+45	3945.00	5.00	10.97	14.13	4	2	337	203	134
39+50	3950.00	5.00	8.56	9.61	2	2	339	205	134
39+55	3955.00	5.00	5.26	7.99	1	2	340	208	132
39+60	3960.00	5.00	4.04	5.65	1	1	341	209	132
39+65	3965.00	5.00	1.92	4.21	1	1	342	210	132
39+70	3970.00	5.00	0.35	2.07	0	1	342	211	131
39+75	3975.00	5.00	1.01	1.07	0	0	342	211	131
39+80	3980.00	5.00	0.00	0.00	0	0	342	211	131
39+85	3985.00	5.00	0.00	0.00	0	0	342	211	131

104TH ST									
STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
					NOTE 1	NOTE 3	1.00 NOTE 1	1.20	NOTE 8
40+20	4020.00	0.00	0.00	0.00	0	0	0	0	0
40+25	4025.00	5.00	0.00	4.72	0	0	0	0	0
40+30	4030.00	5.00	0.00	21.27	0	2	0	2	-2
40+35	4035.00	5.00	0.00	47.02	0	6	0	10	-10
40+40	4040.00	5.00	0.00	72.97	0	11	0	23	-23
40+45	4045.00	5.00	0.00	114.89	0	17	0	43	-43
40+50	4050.00	5.00	0.00	162.64	0	26	0	74	-74
40+55	4055.00	5.00	0.00	213.79	0	35	0	116	-116
40+60	4060.00	5.00	0.00	227.22	0	41	0	166	-166
40+65	4065.00	5.00	4.03	219.65	0	41	0	215	-215
40+70	4070.00	5.00	7.20	211.39	1	40	1	263	-262
40+73.058	4073.06	3.06	7.89	212.51	1	24	2	292	-290
41+00	4100.00	26.94	0.00	212.14	4	212	6	546	-540
41+50	4150.00	50.00	0.00	162.82	0	347	6	962	-956
42+00	4200.00	50.00	0.00	100.26	0	244	6	1,255	-1,249
42+50	4250.00	50.00	0.00	65.13	0	153	6	1,439	-1,433
43+00	4300.00	50.00	0.00	32.22	0	90	6	1,547	-1,541
43+50	4350.00	50.00	0.00	20.23	0	49	6	1,606	-1,600
44+00	4400.00	50.00	0.18	2.07	0	21	6	1,631	-1,625
44+19.238	4419.24	19.24	1.59	0.00	1	1	7	1,632	-1,625

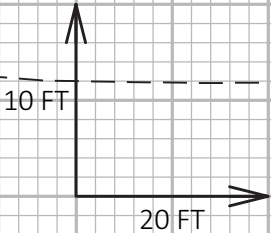
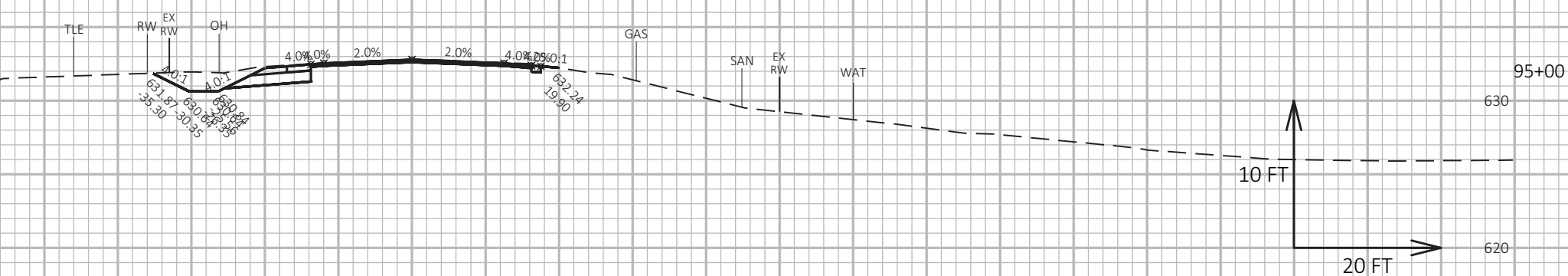
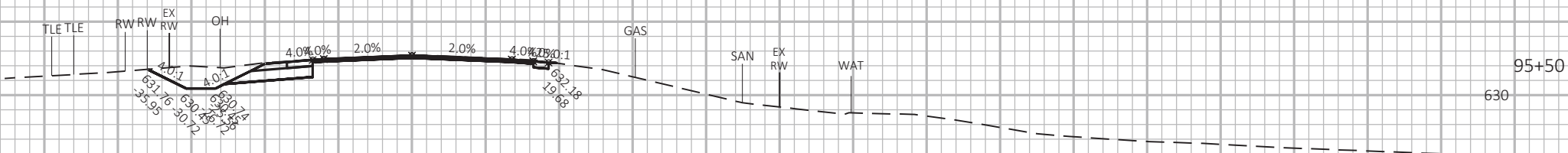
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SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"



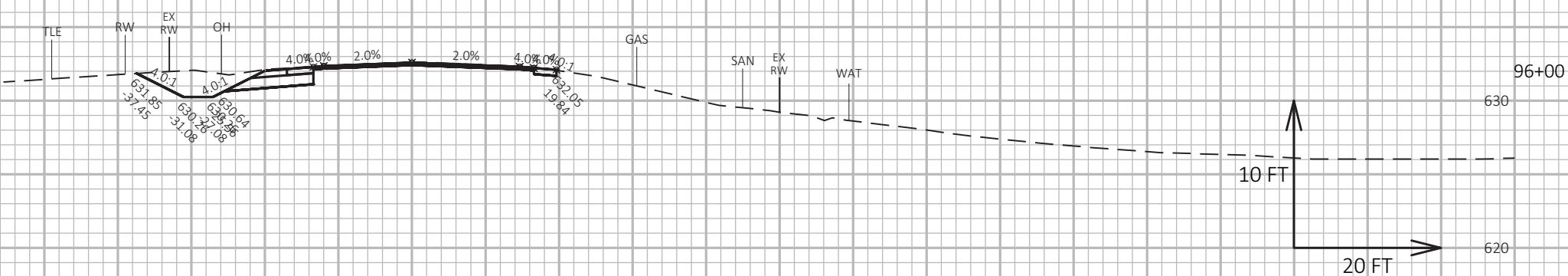
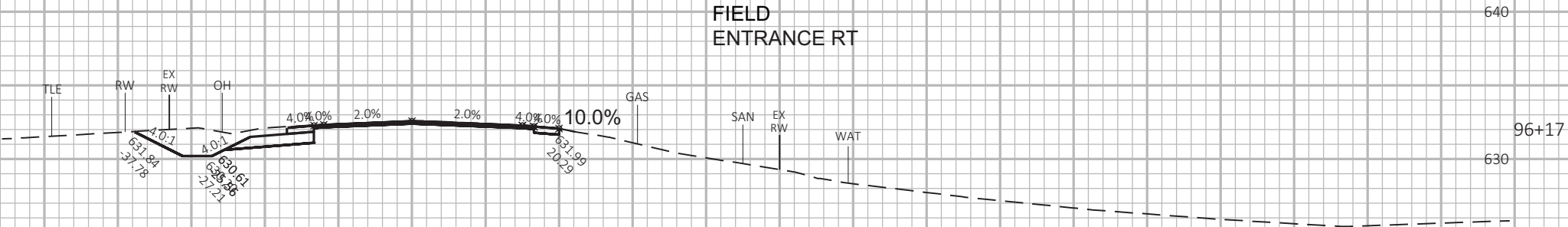
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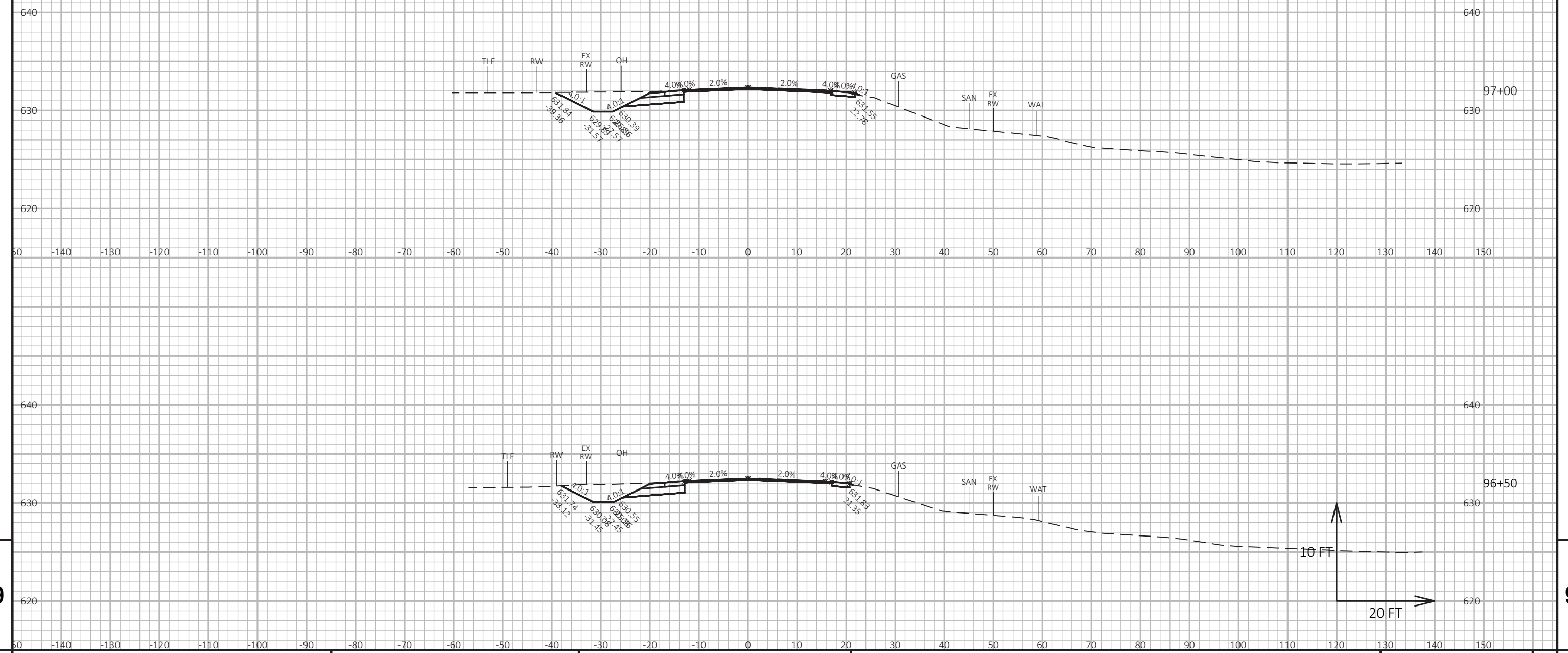
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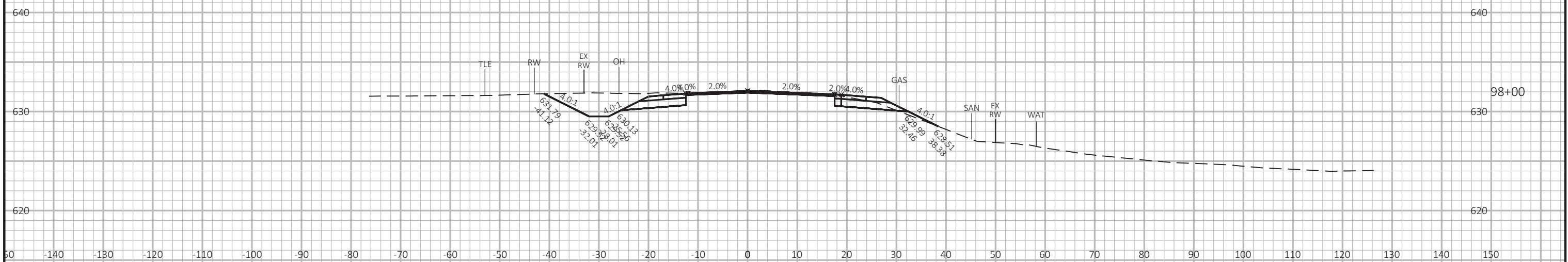
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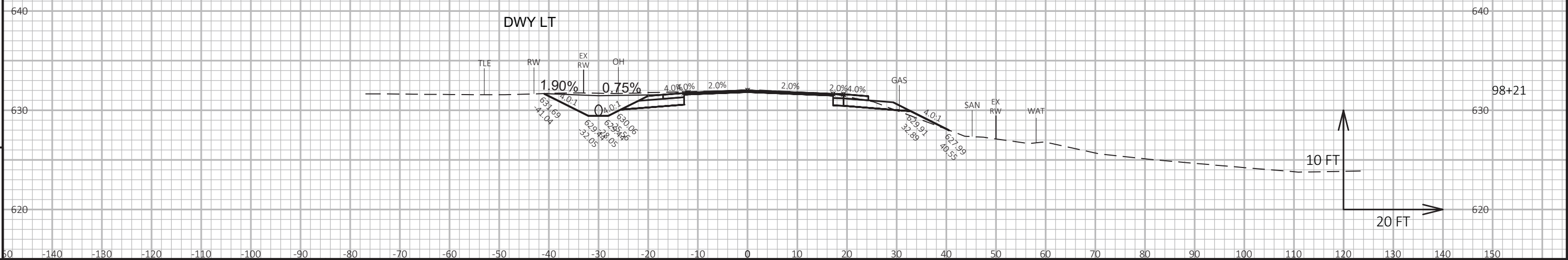
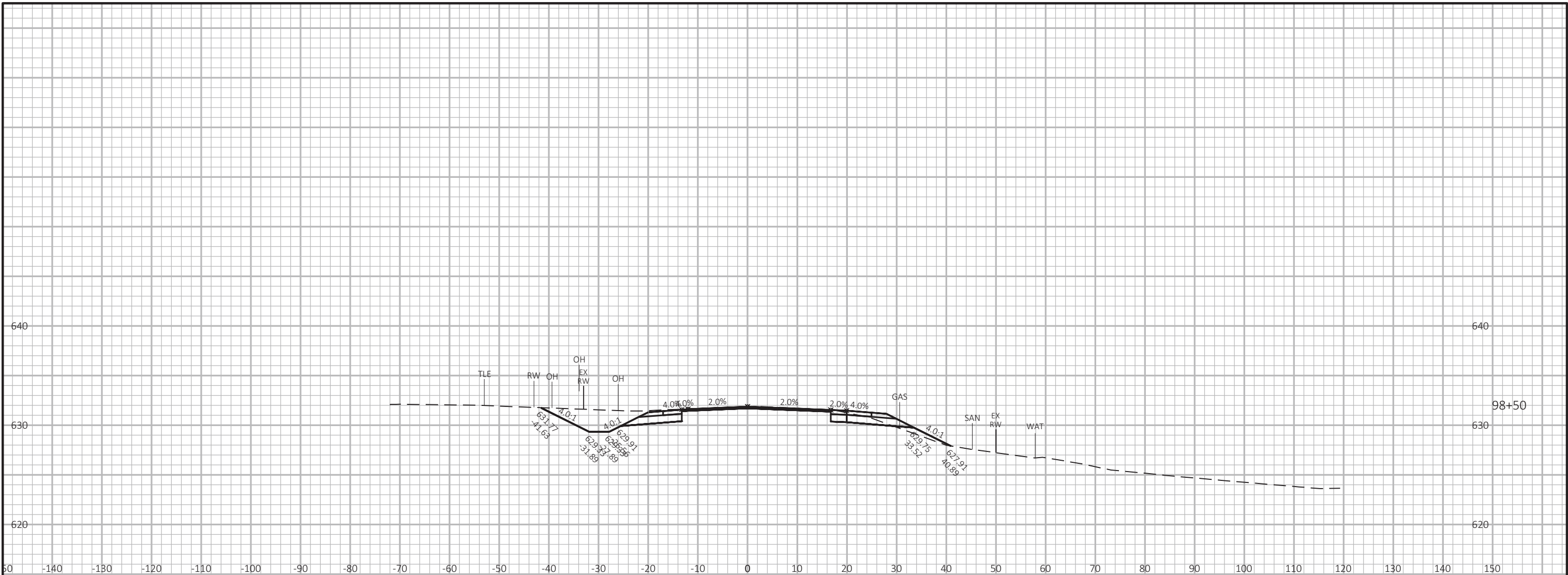


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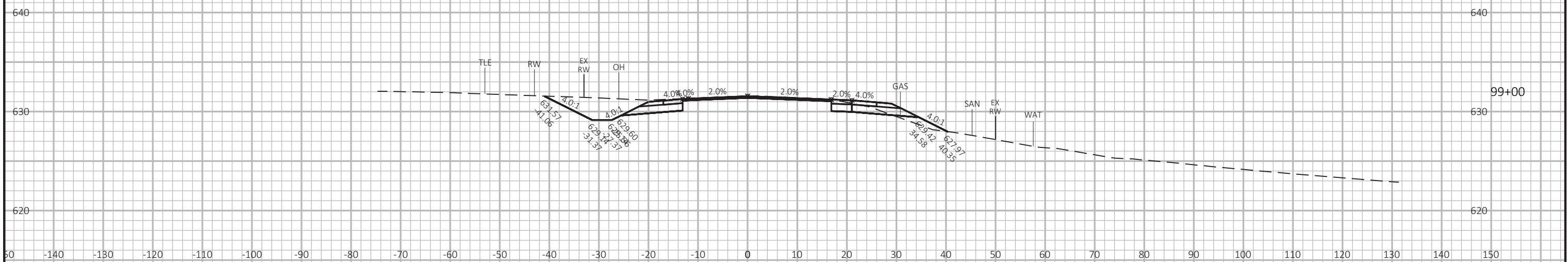


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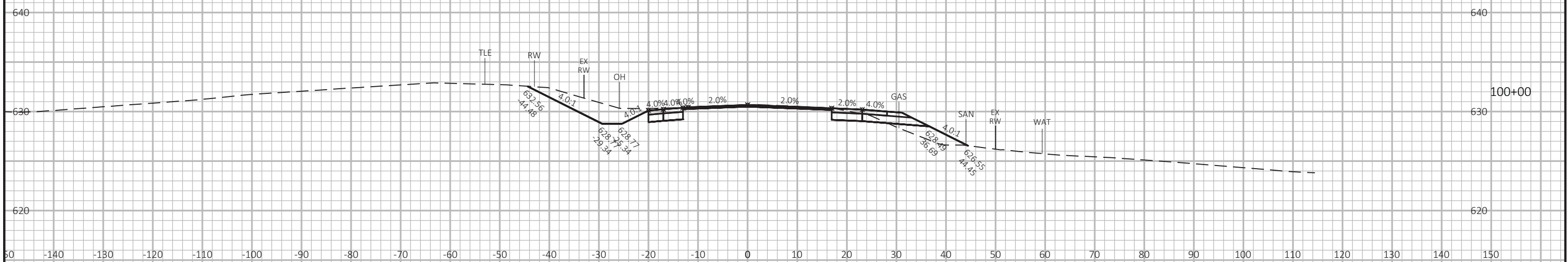




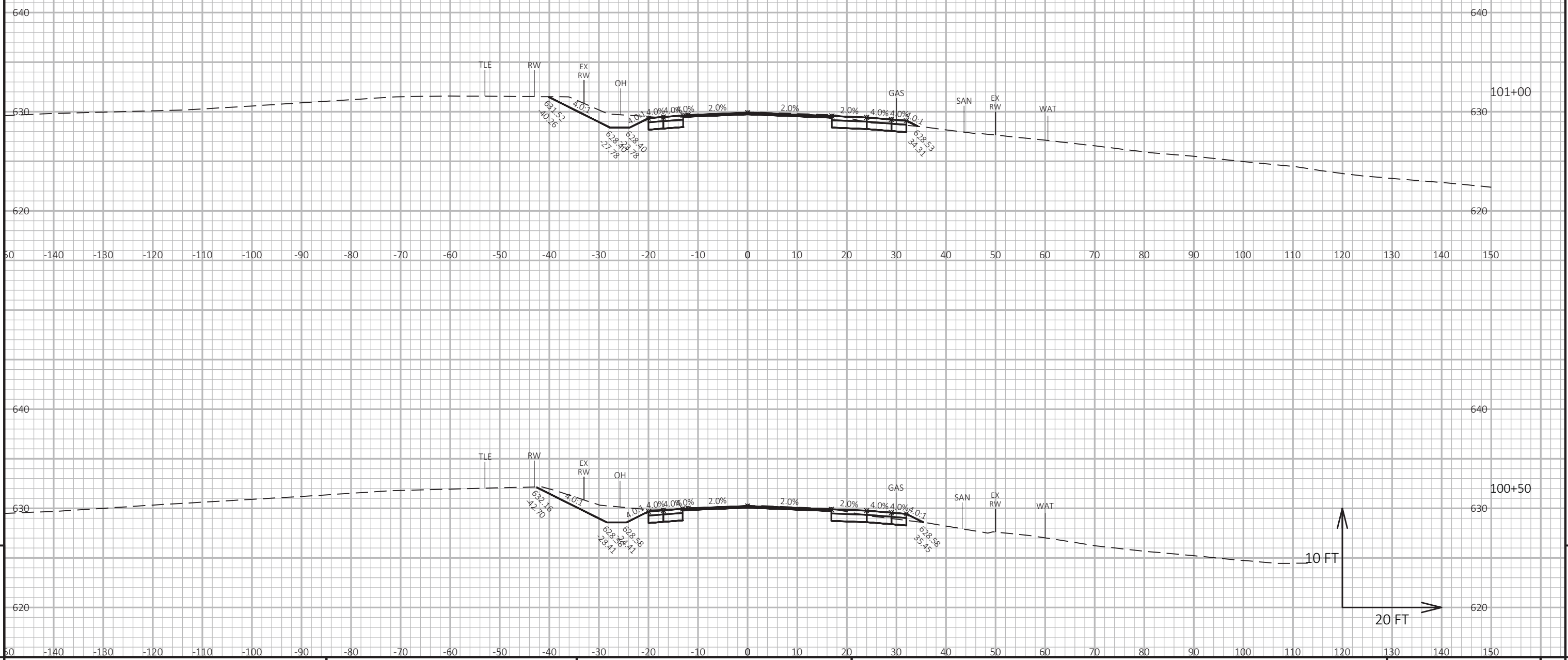
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SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"



FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"



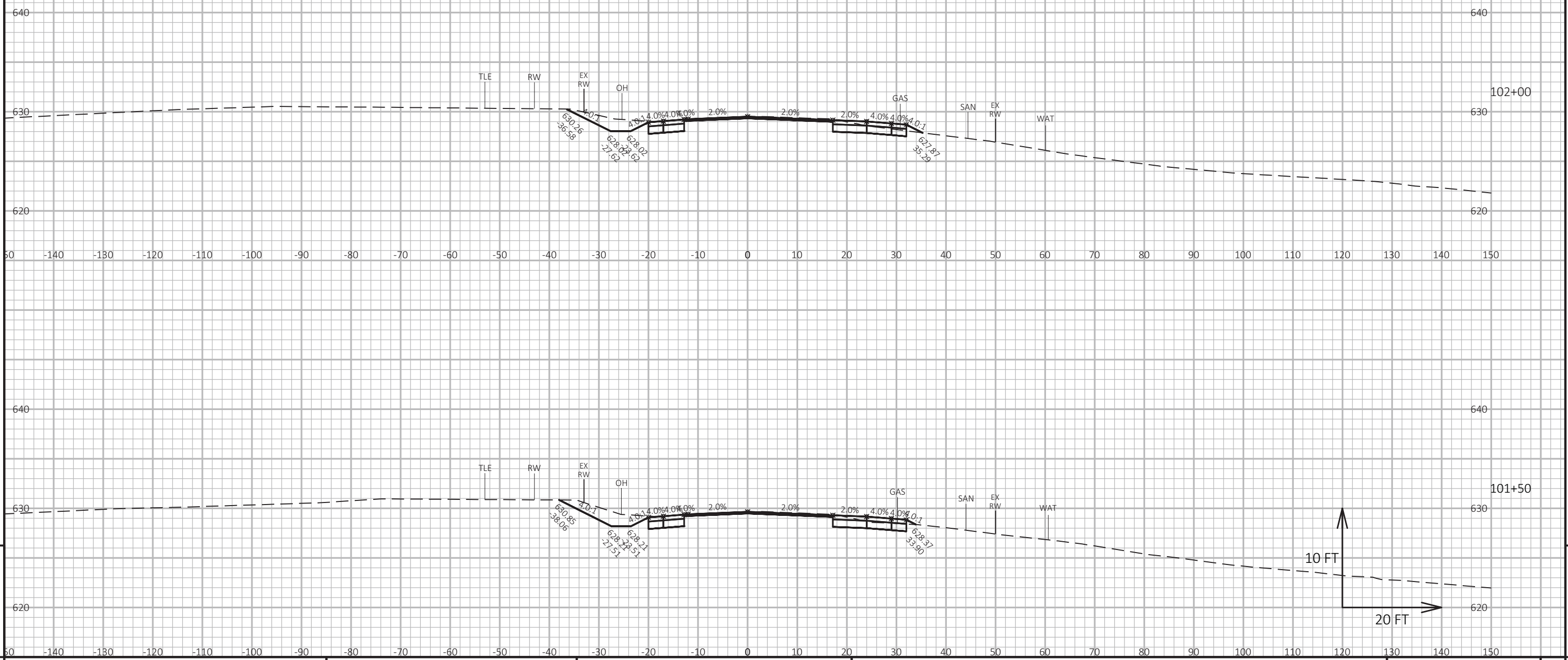
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"TYPICAL SECTIONS"



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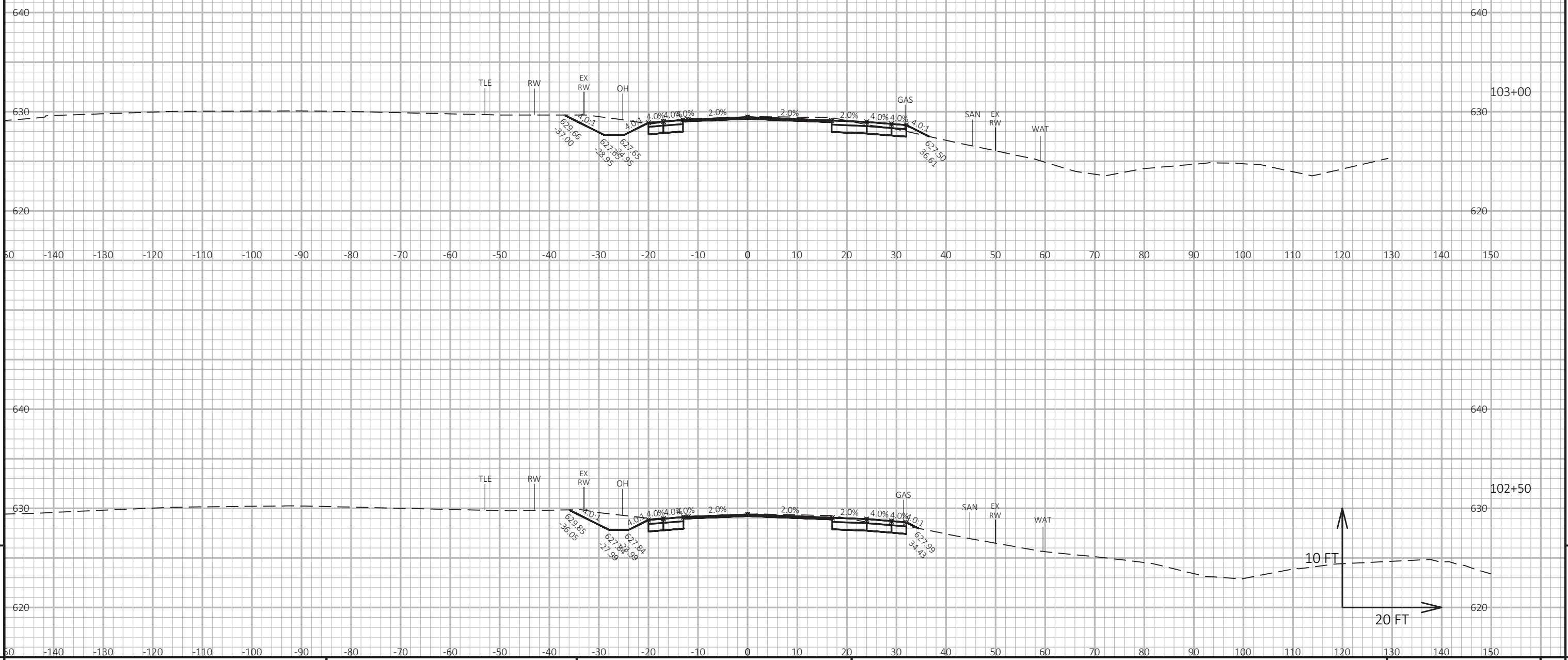
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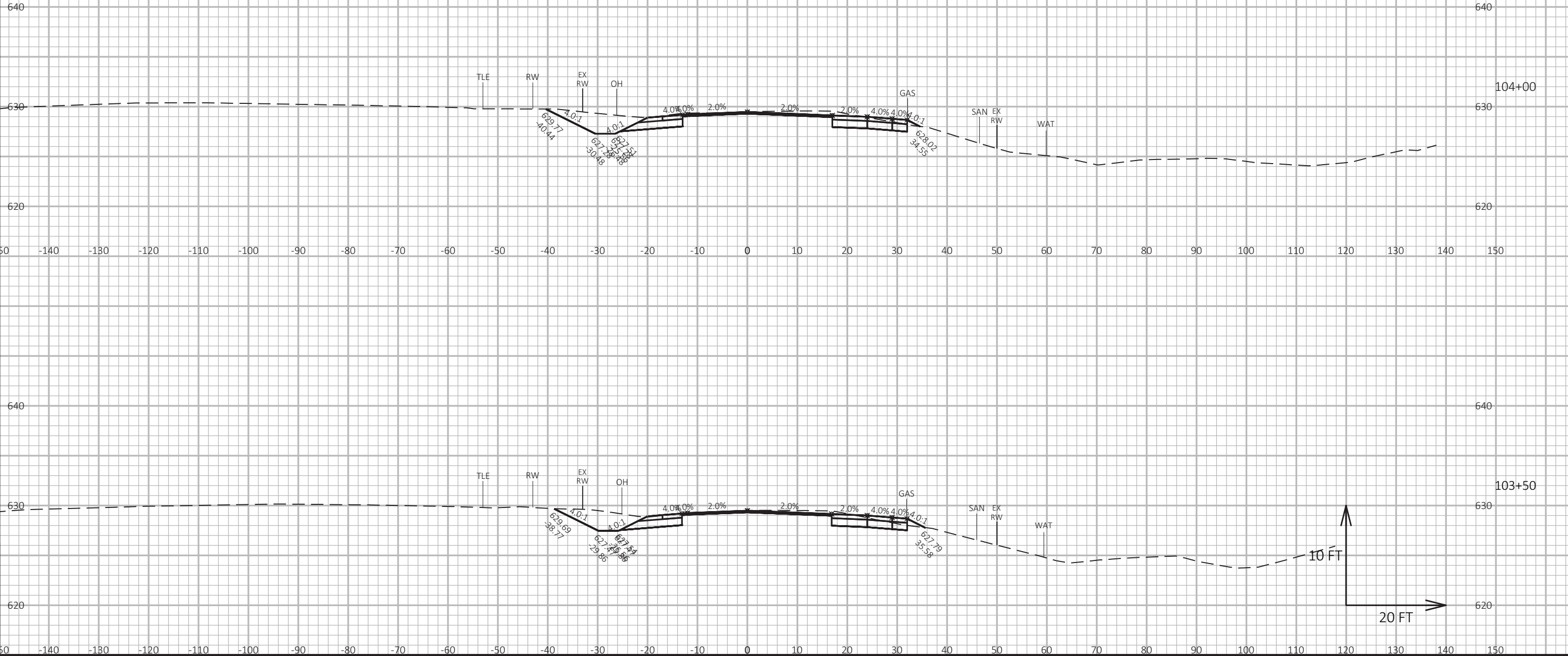
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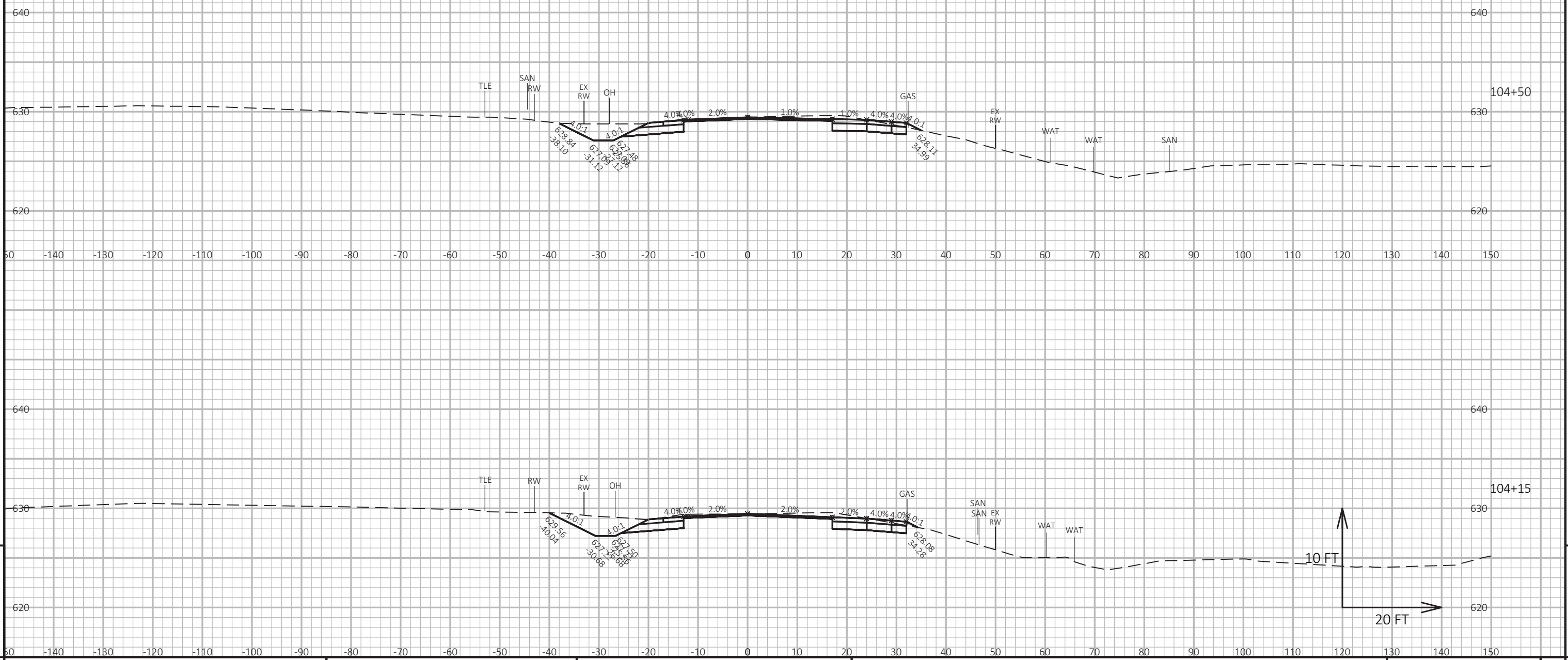
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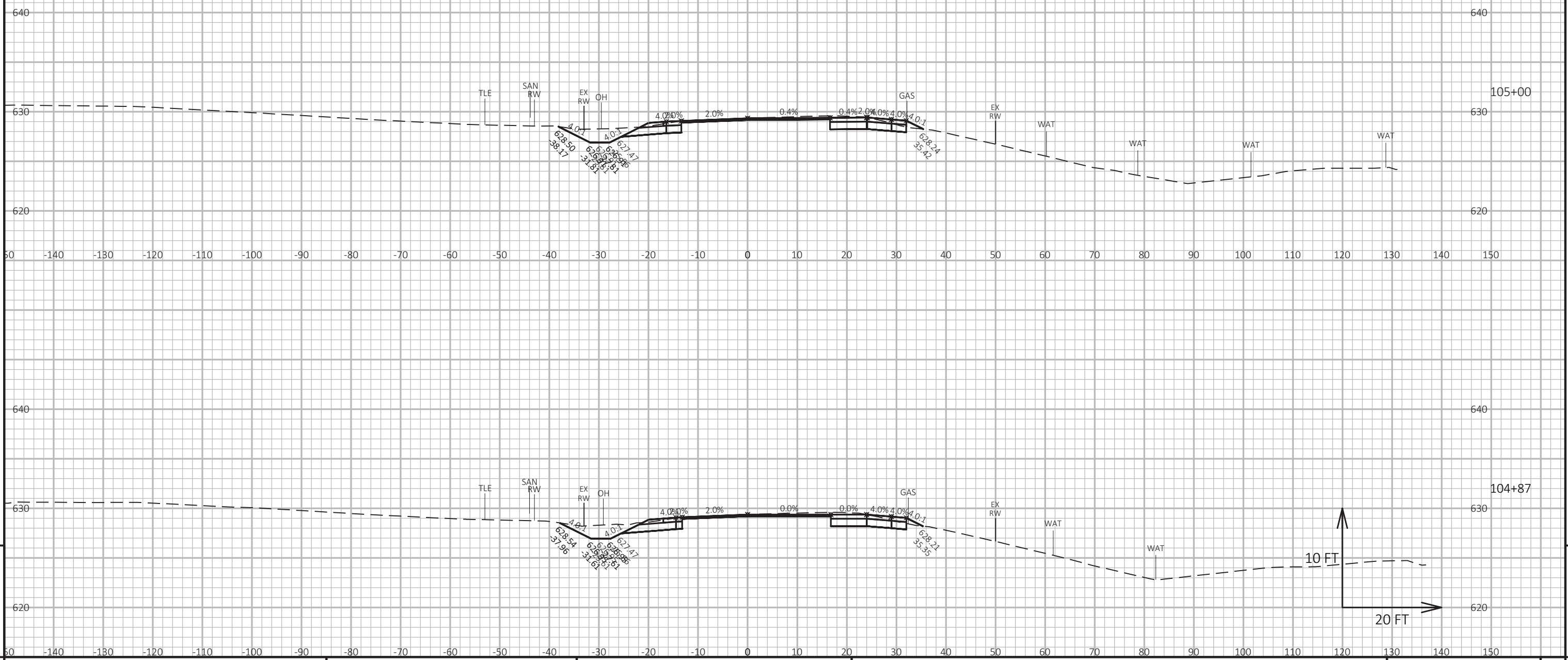
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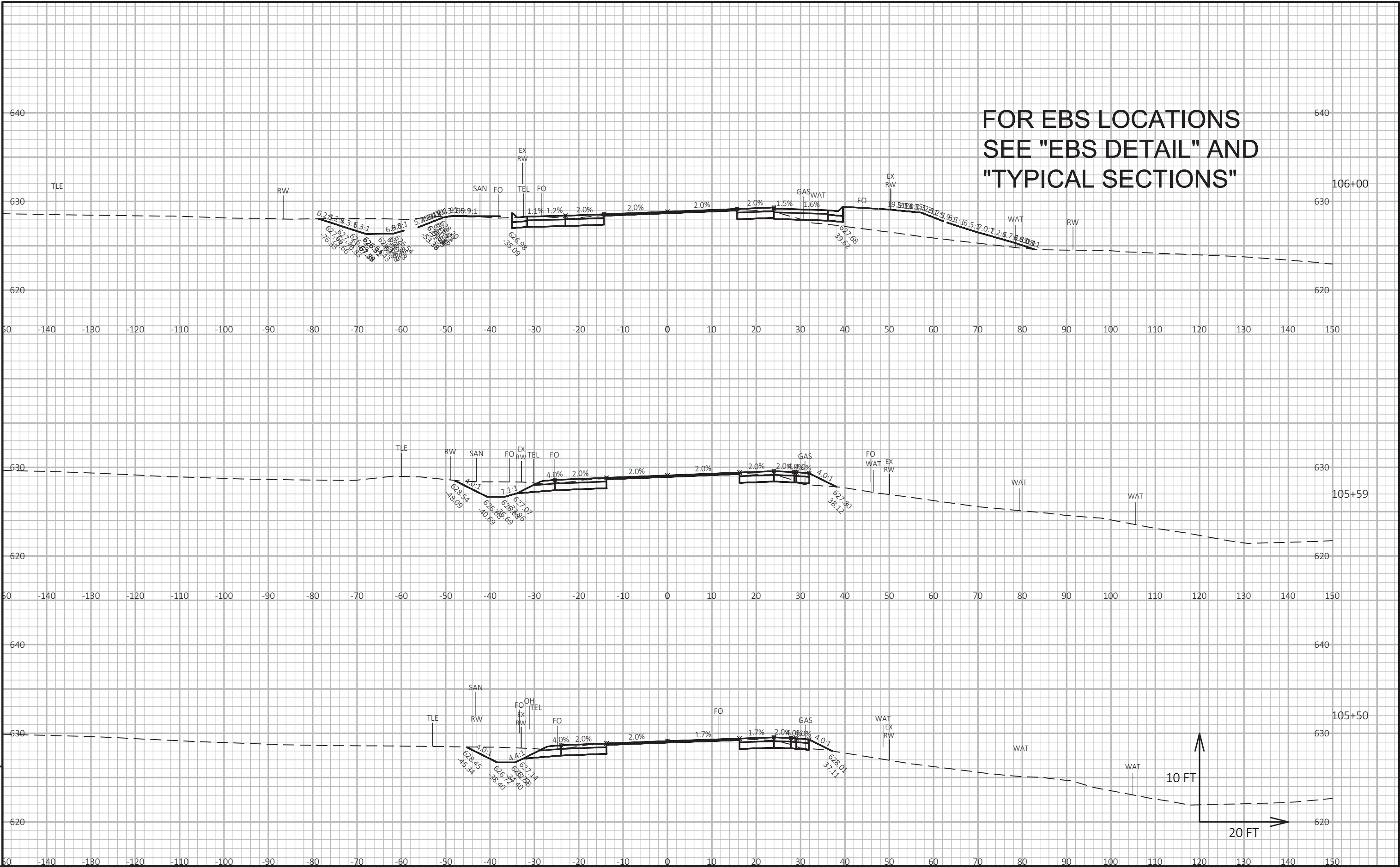
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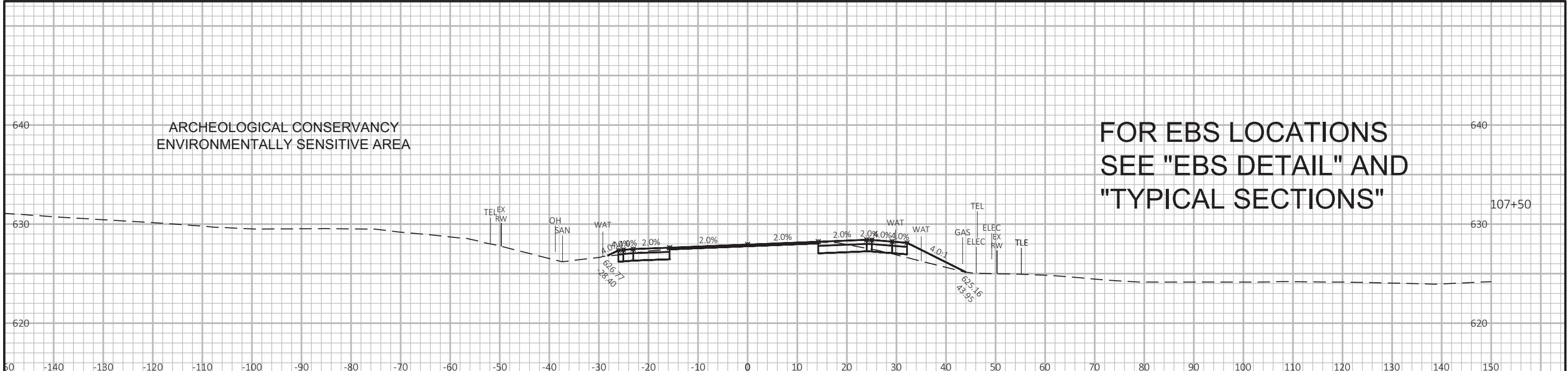
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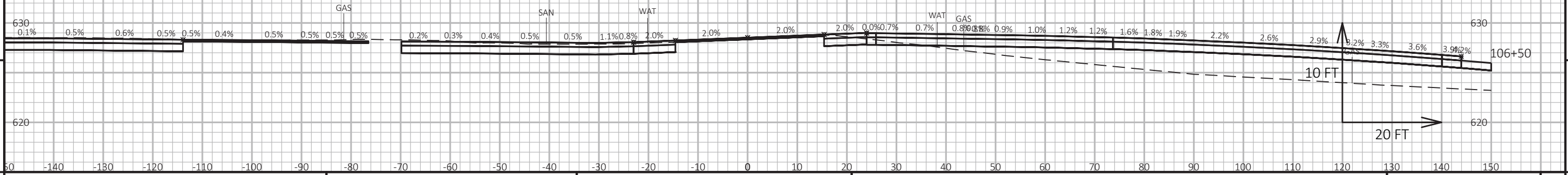
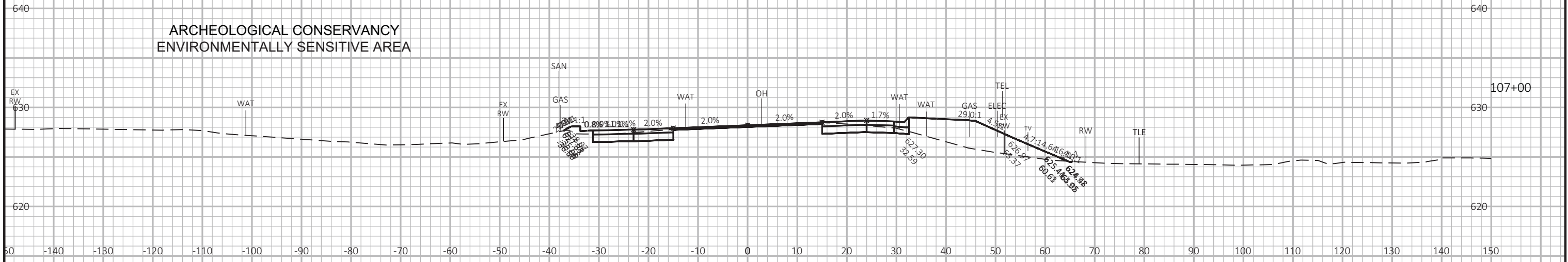
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ARCHEOLOGICAL CONSERVANCY
ENVIRONMENTALLY SENSITIVE AREA

FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"



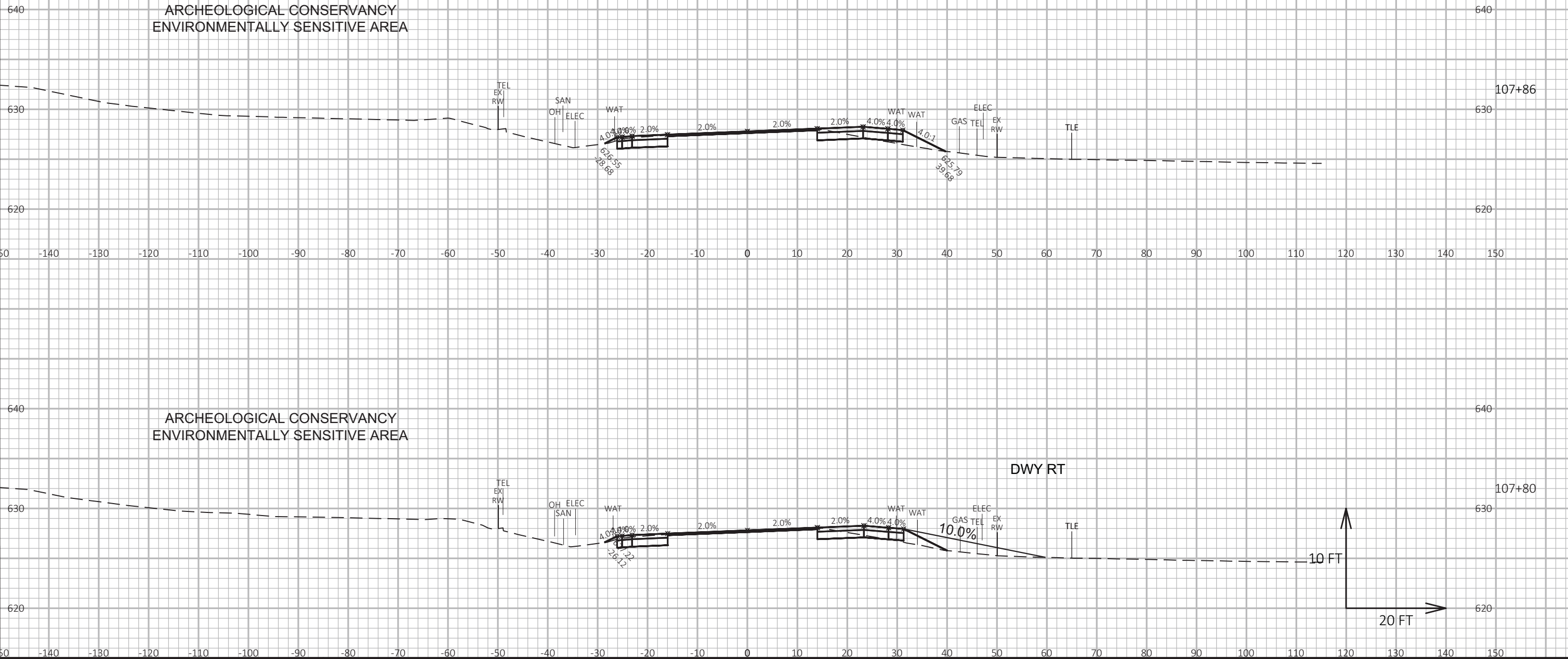
ARCHEOLOGICAL CONSERVANCY
ENVIRONMENTALLY SENSITIVE AREA



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FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"

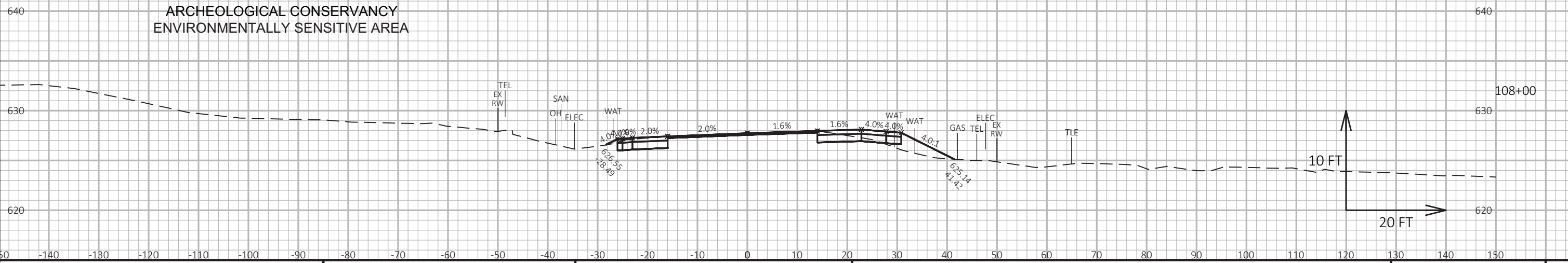
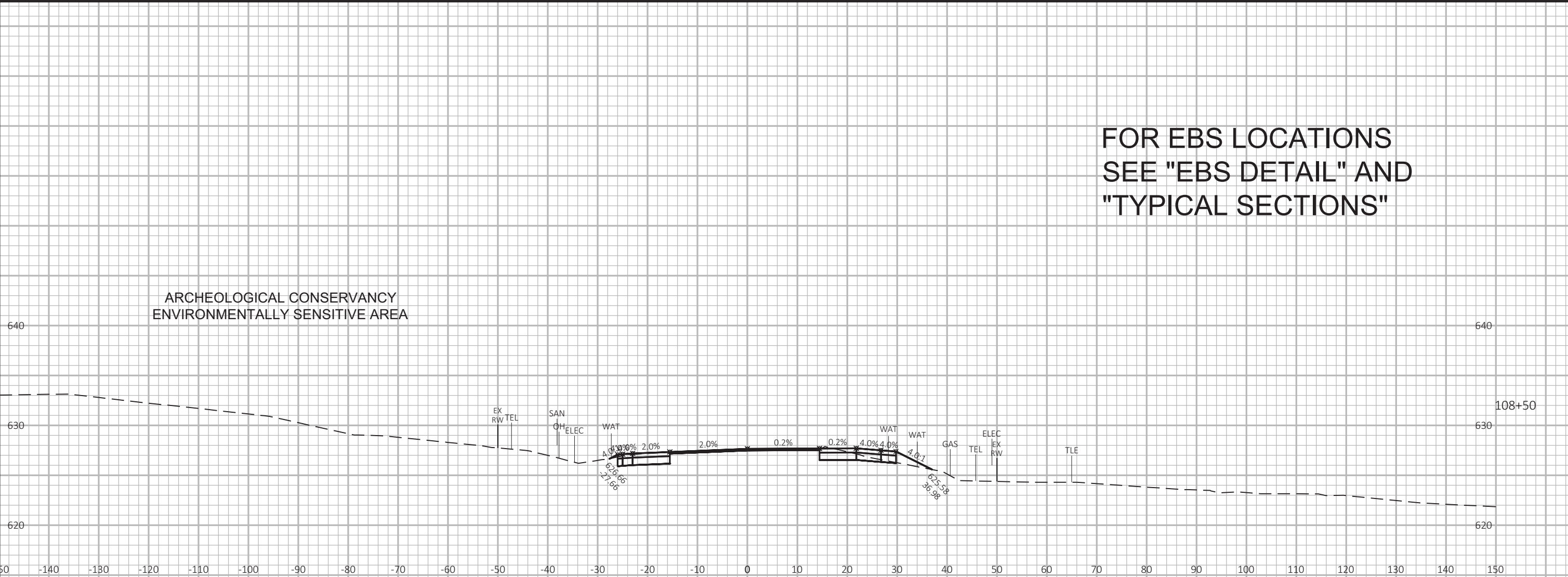


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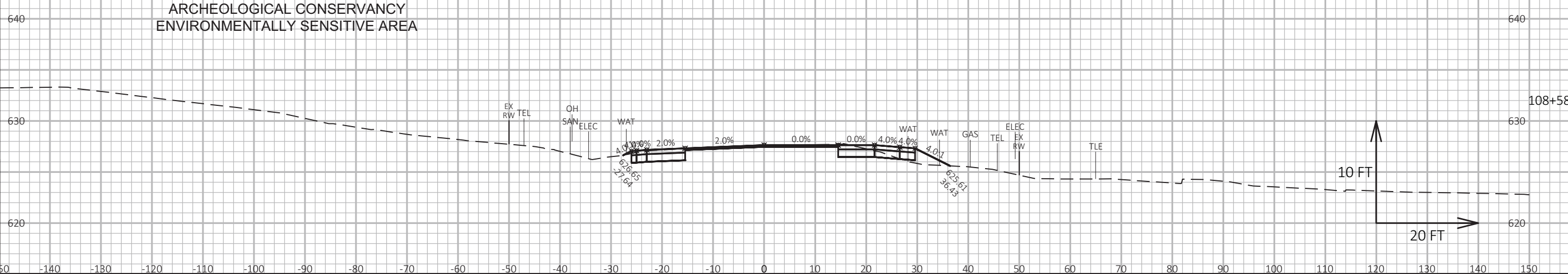
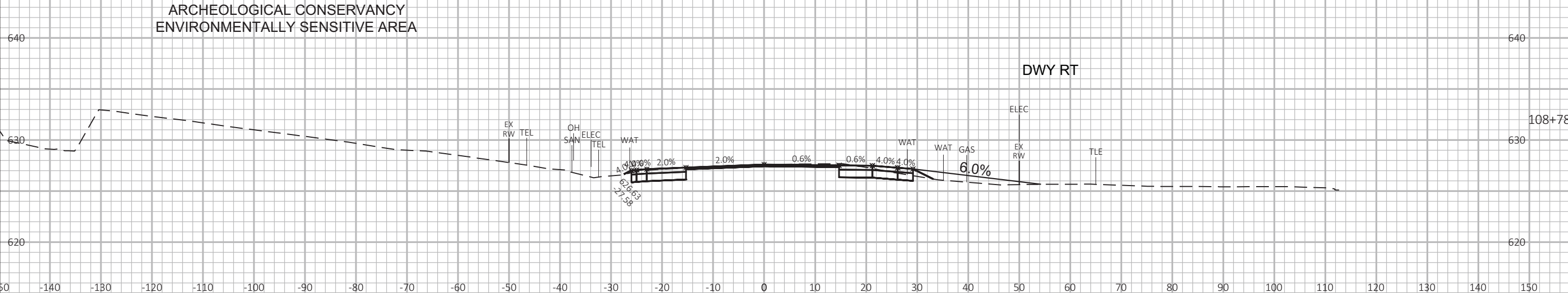
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"TYPICAL SECTIONS"



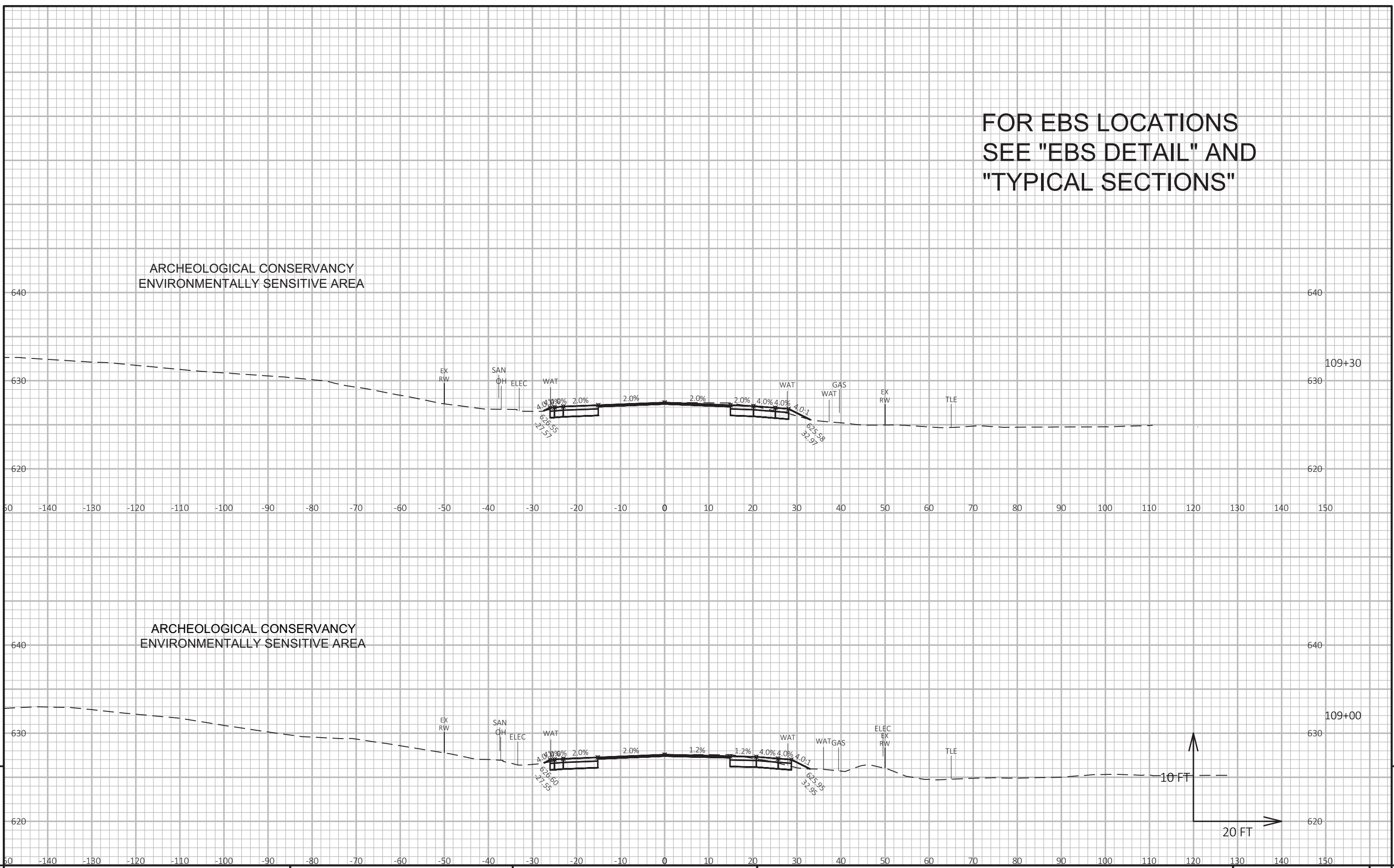
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"TYPICAL SECTIONS"



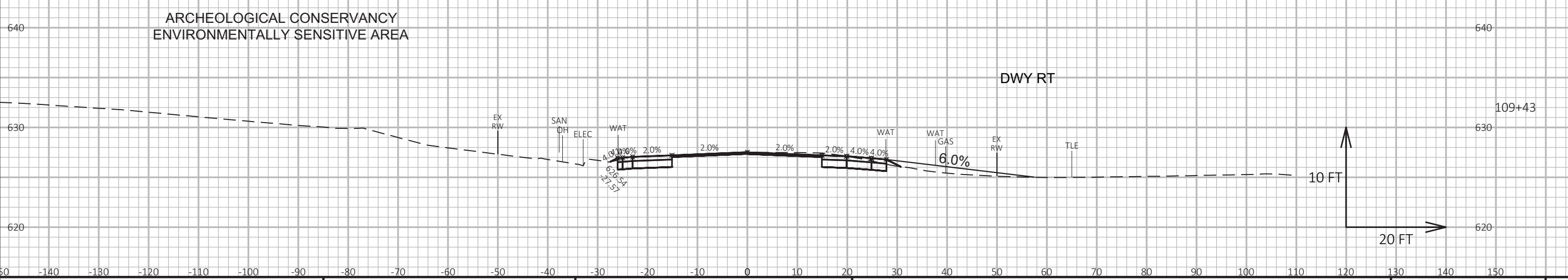
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"TYPICAL SECTIONS"



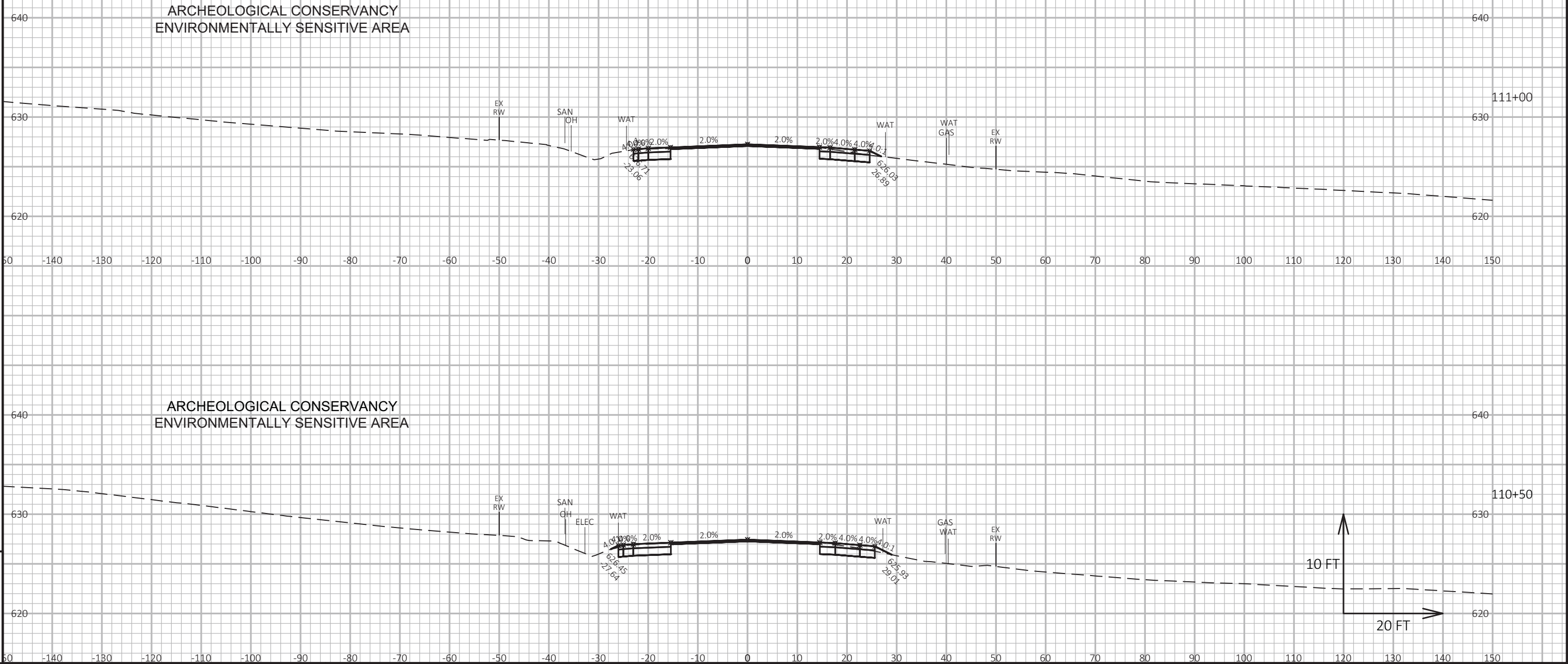
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FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"

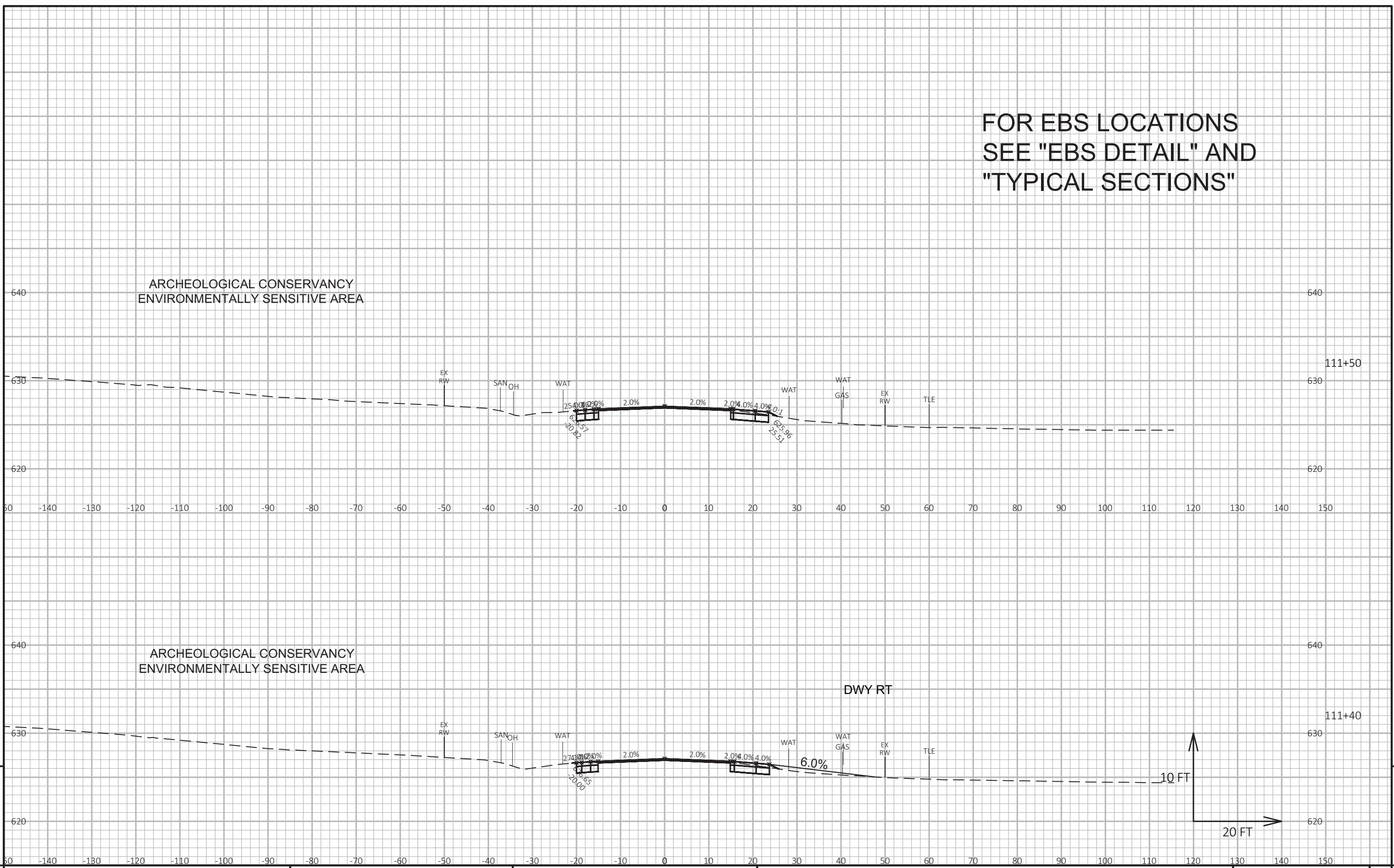


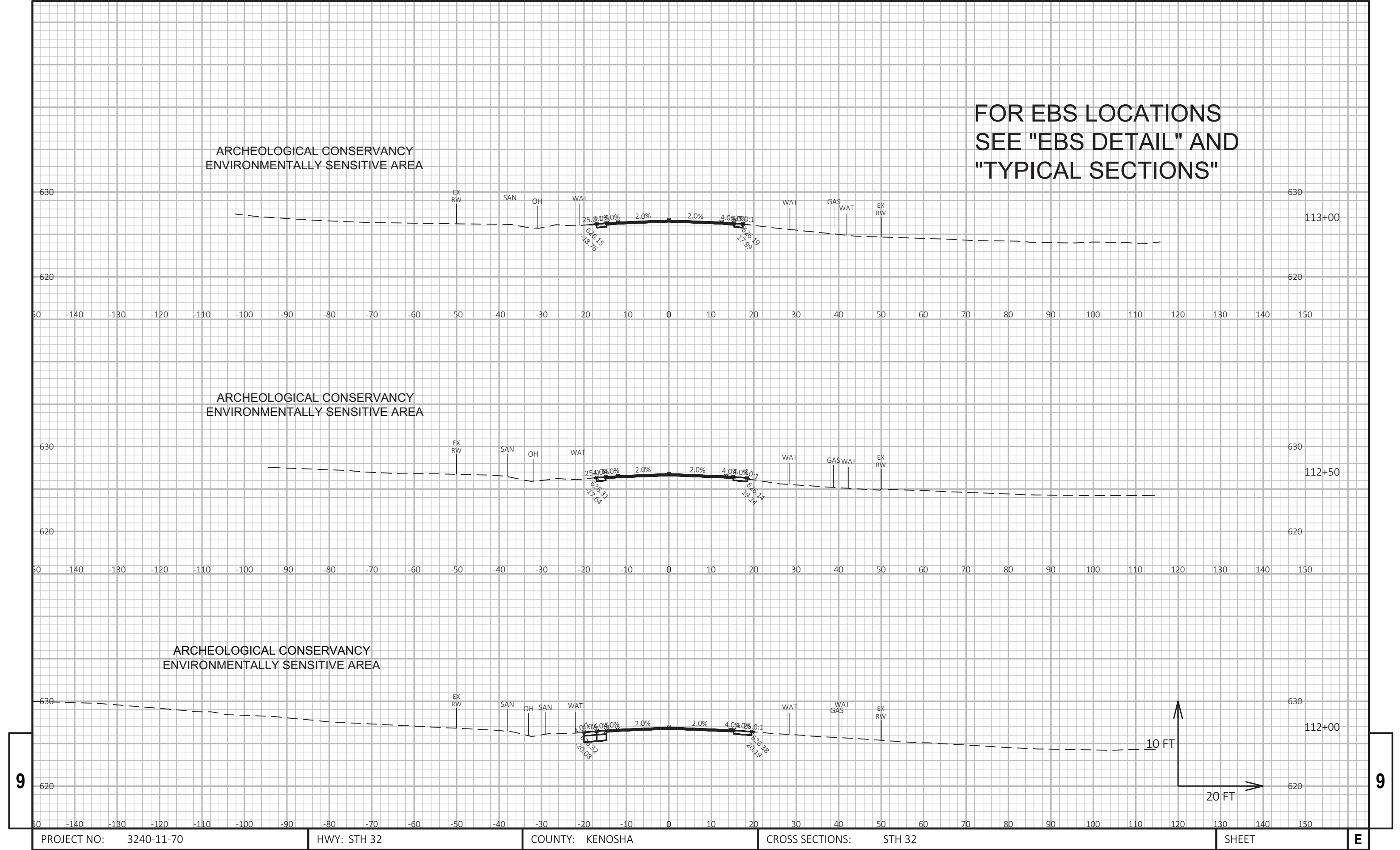
FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"



PROJECT NO: 3240-11-70	HWY: STH 32	COUNTY: KENOSHA	CROSS SECTIONS: STH 32	SHEET E
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FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"

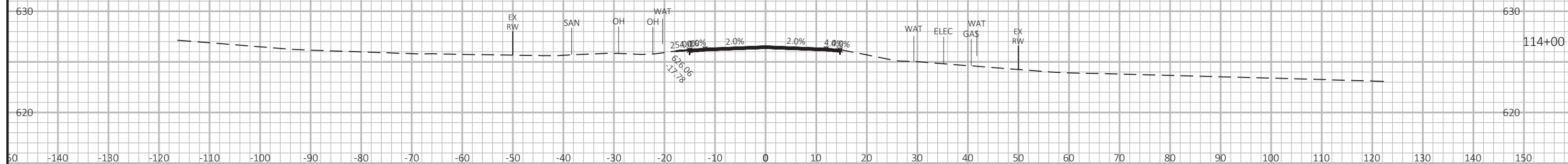




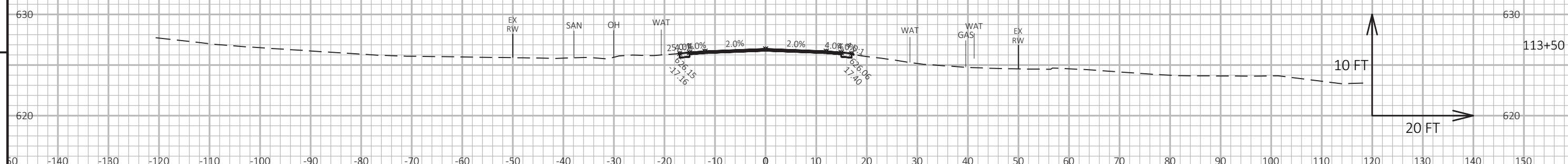
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FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"

ARCHEOLOGICAL CONSERVANCY
ENVIRONMENTALLY SENSITIVE AREA



ARCHEOLOGICAL CONSERVANCY
ENVIRONMENTALLY SENSITIVE AREA



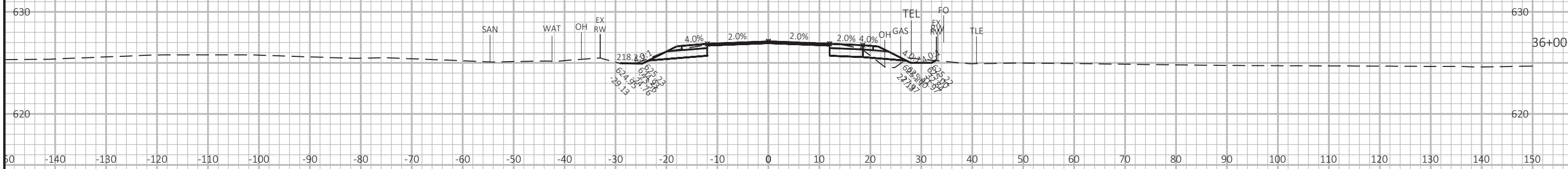
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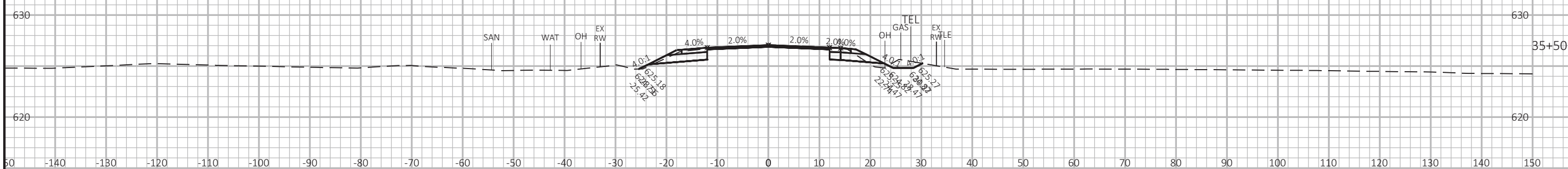
PROJECT NO: 3240-11-70	HWY: STH 32	COUNTY: KENOSHA	CROSS SECTIONS: STH 32	SHEET	E
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ARCHEOLOGICAL CONSERVANCY
ENVIRONMENTALLY SENSITIVE AREA

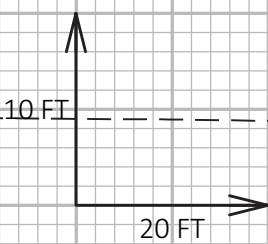
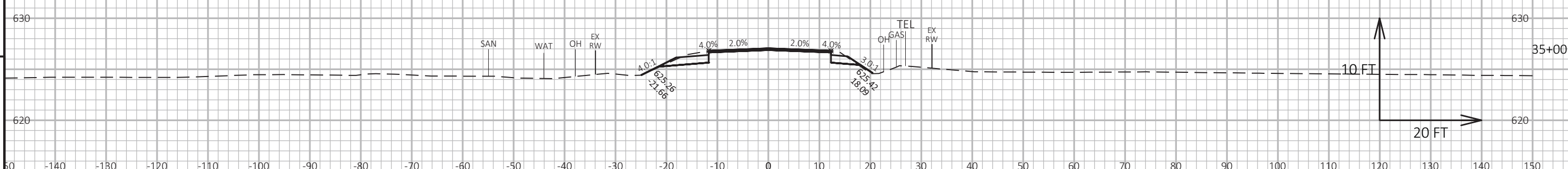
FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"



ARCHEOLOGICAL CONSERVANCY
ENVIRONMENTALLY SENSITIVE AREA

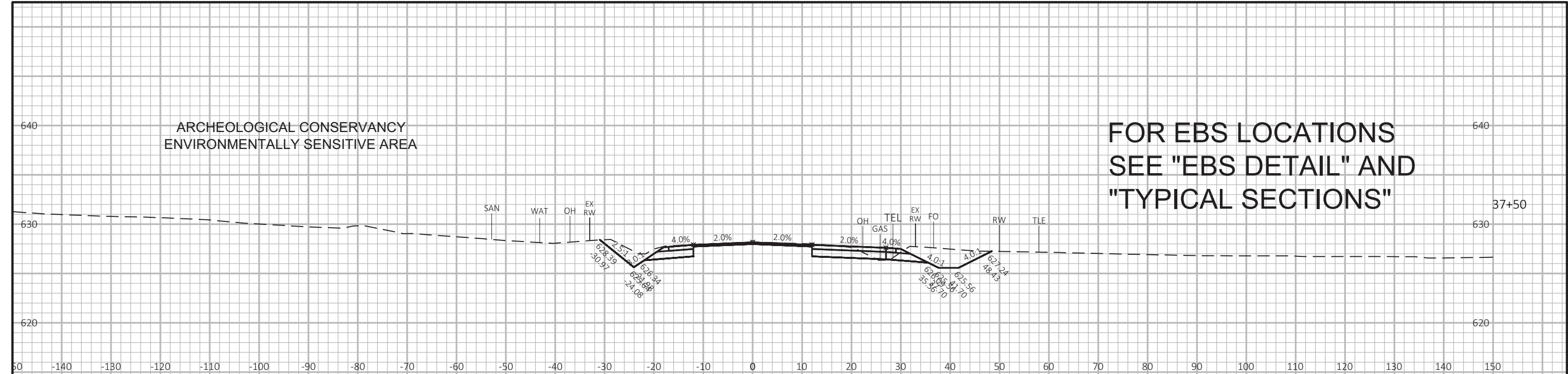


ARCHEOLOGICAL CONSERVANCY
ENVIRONMENTALLY SENSITIVE AREA

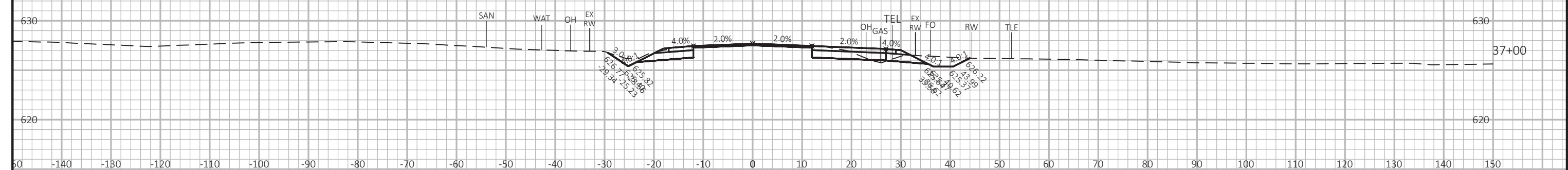


ARCHEOLOGICAL CONSERVANCY
ENVIRONMENTALLY SENSITIVE AREA

FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"

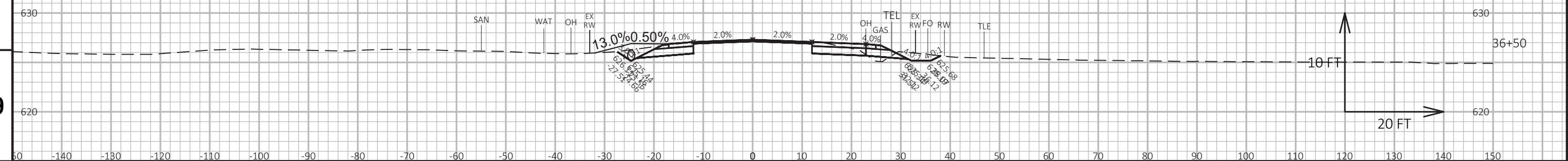


ARCHEOLOGICAL CONSERVANCY
ENVIRONMENTALLY SENSITIVE AREA

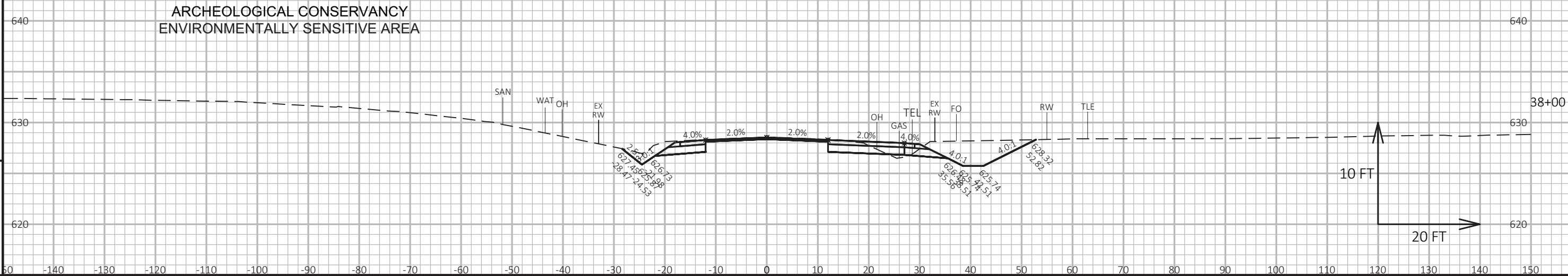
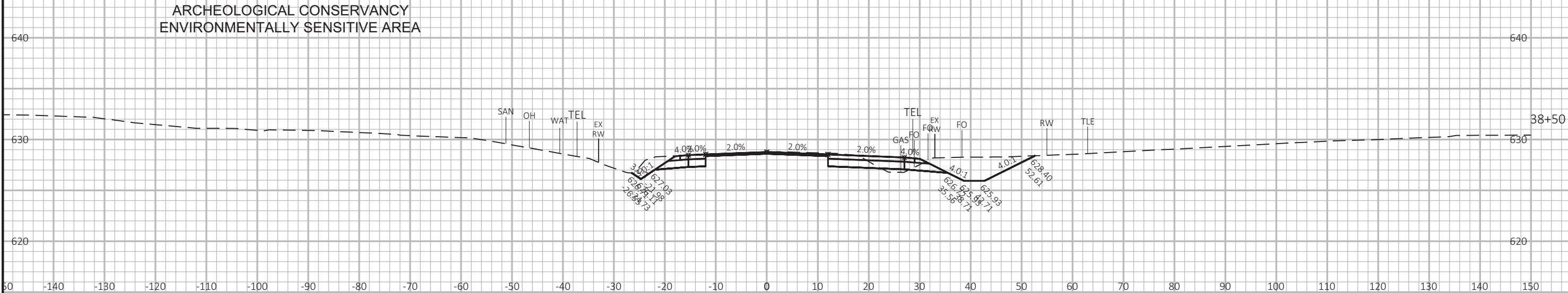


ARCHEOLOGICAL CONSERVANCY
ENVIRONMENTALLY SENSITIVE AREA

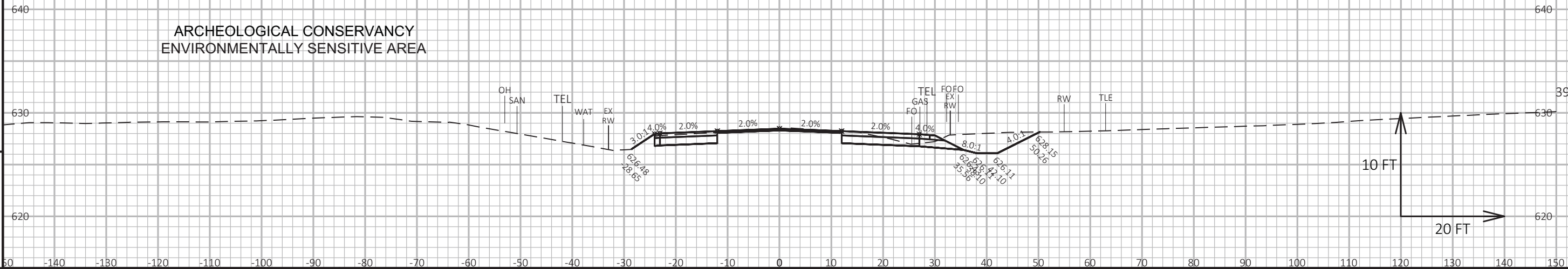
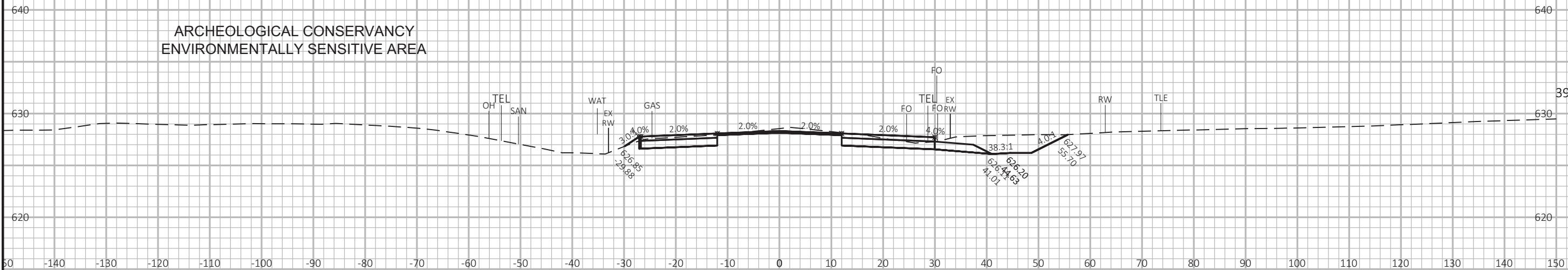
FIELD
ENTRANCE LT



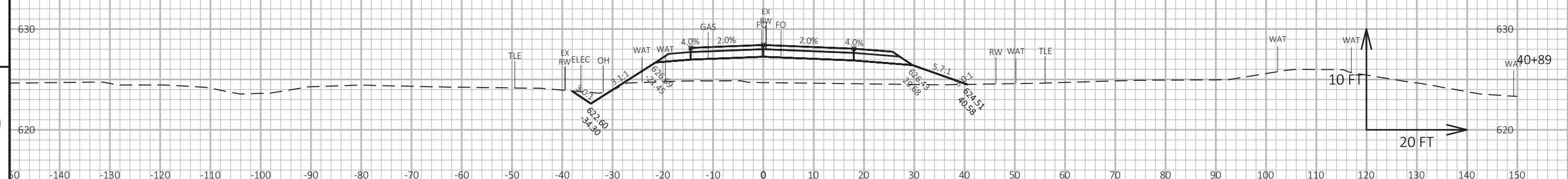
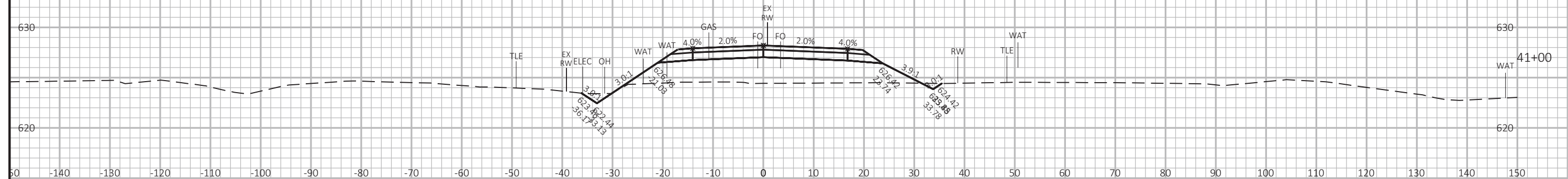
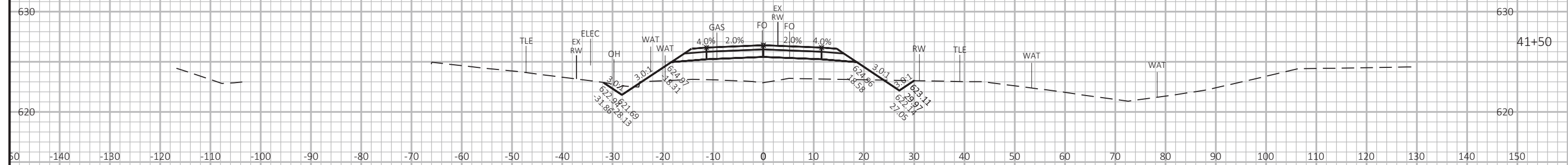
FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"



FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"



FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"



PROJECT NO:	3240-11-70
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HWY: STH 32

COUNTY: KENOSHA

CROSS SECTIONS: 104TH STREET

SHEET

1

FILE NAME : J:\ACTIVE\SE\3240-11-00_STH 165 & STH 32\C3D\32401100\SHEETSPLAN\DWG\090101_XS.DWG
LAYOUT NAME - 30- 104th St.

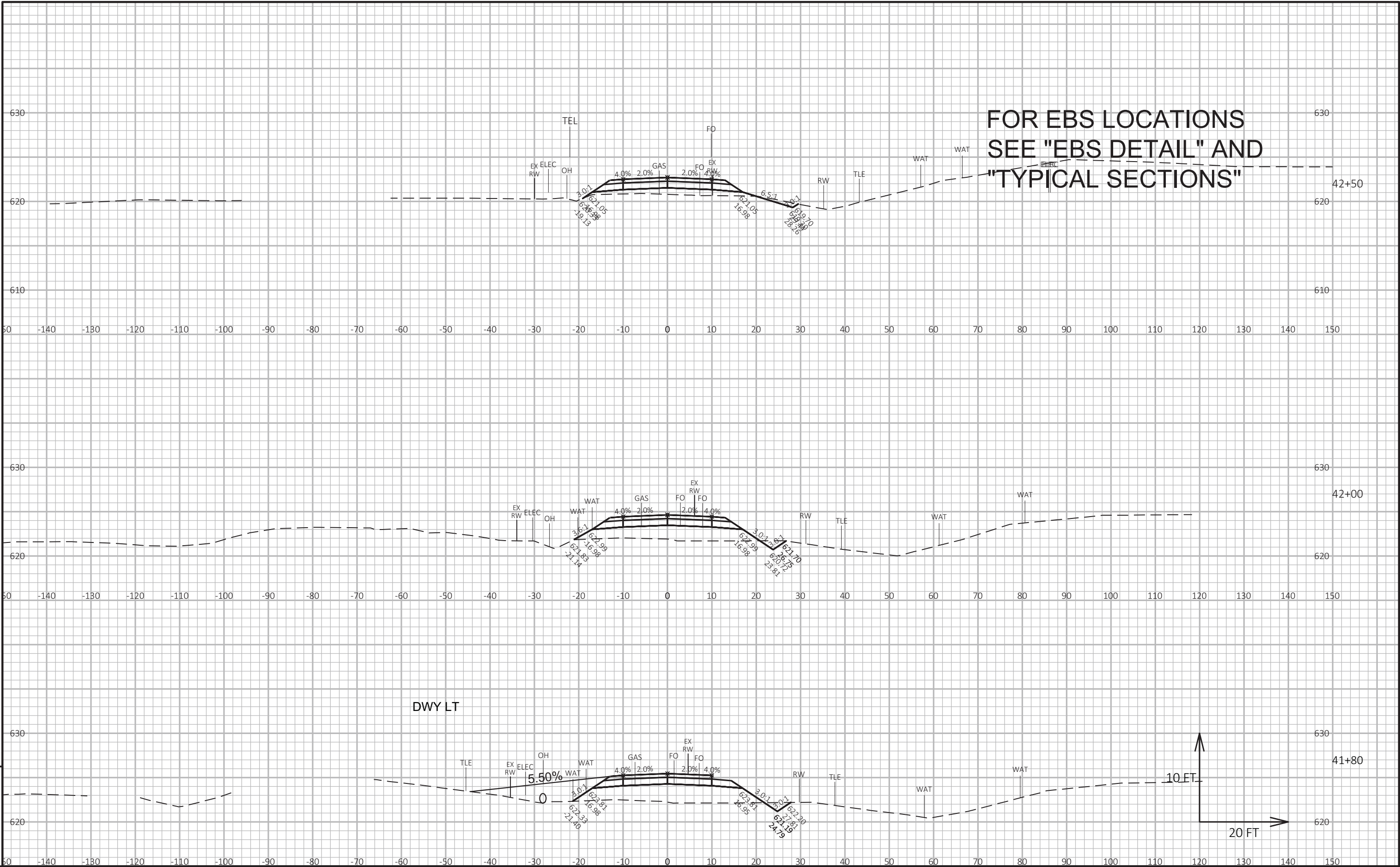
PLOT DATE : 5/21/2020 8:57 AM

PLOT BY : ETHAN HEROUX

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

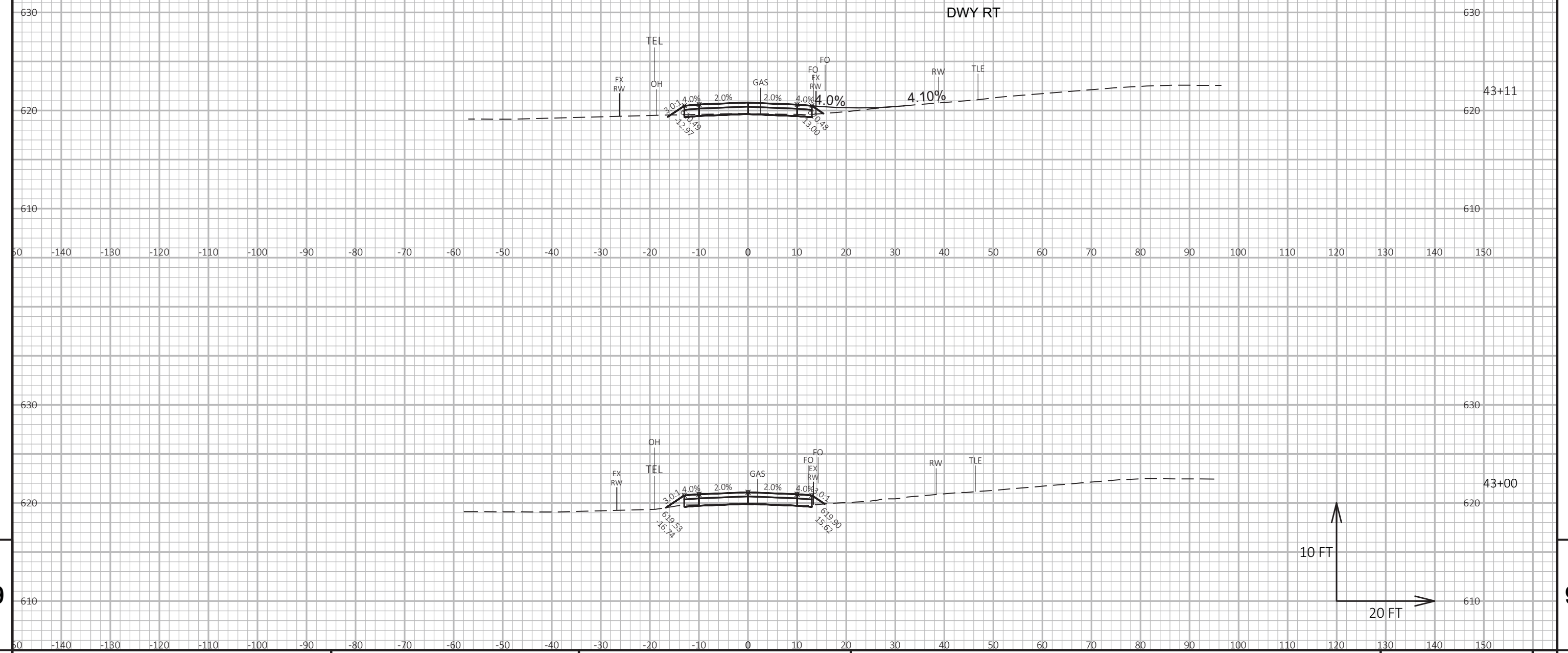


FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"

DWY LT

PROJECT NO: 3240-11-70	HWY: STH 32	COUNTY: KENOSHA	CROSS SECTIONS: 104TH STREET	SHEET	E
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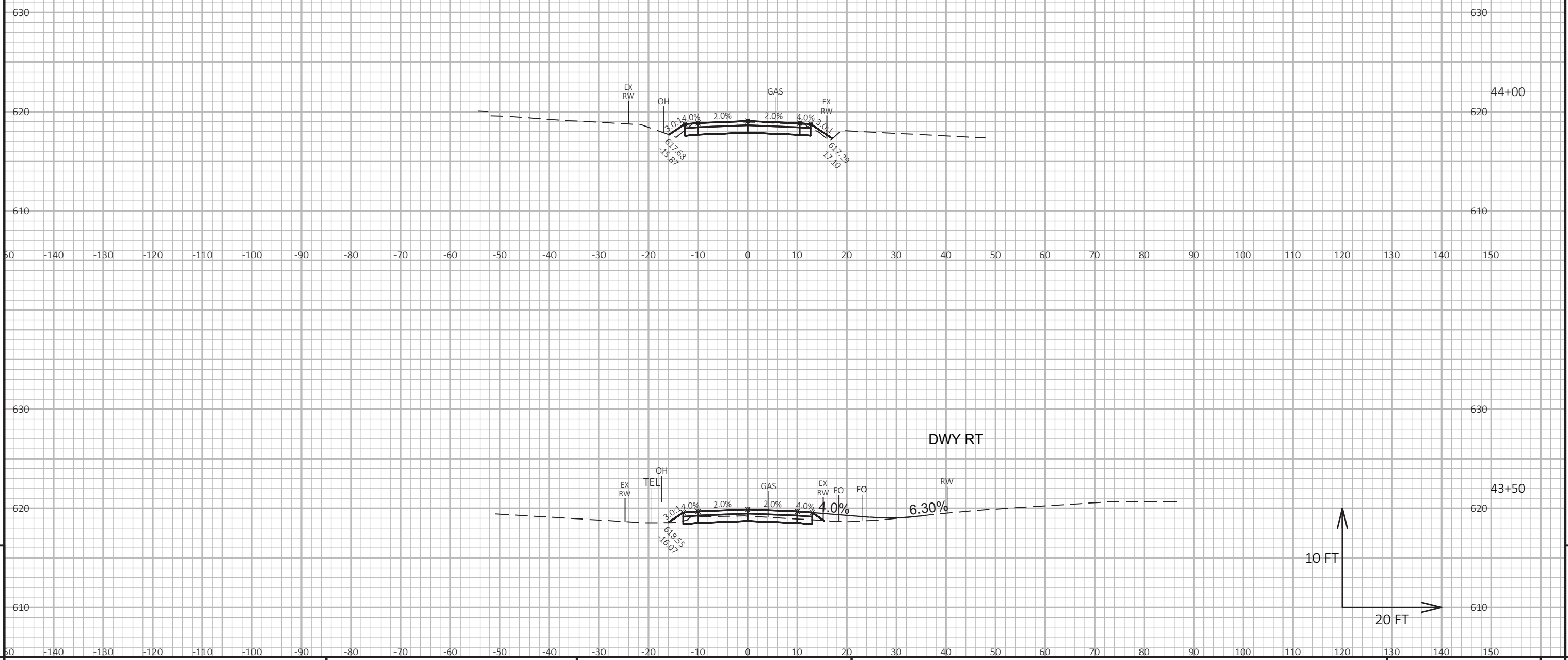
FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"



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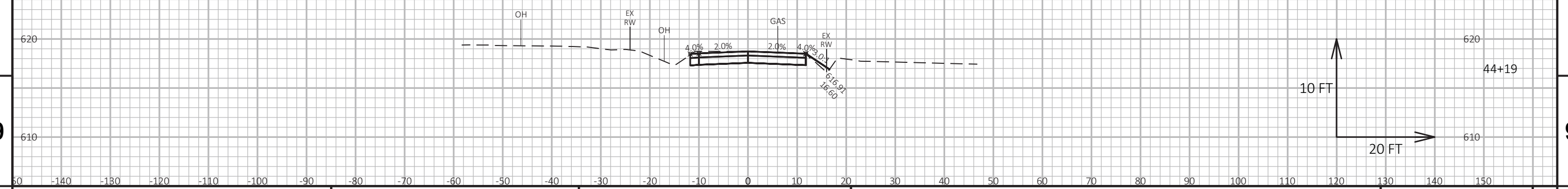
FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"



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FOR EBS LOCATIONS
SEE "EBS DETAIL" AND
"TYPICAL SECTIONS"



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EPlans Preliminary Sheet Numbering Tool

This sheet: ftp://ftp.dot.state.wi.us/transp/roads/eplans/prelim_sheet_numbers.pdf

Notes

- Acrobat 5 or higher is required to use this tool.
- The Bureau of Highway Construction places sheet numbers in the final plan.
- This sheet is for placing preliminary sheet numbers with a "PRE_" prefix.
- If a plan contains multiple projects, number each plan individually.
- Leave this sheet in the plan.

TO ADD PRELIMINARY SHEET NUMBERS

1. Insert this sheet at the end of the plan

- a. With the plan open in Acrobat, select Document > Insert Pages.
- b. In the Select File to Insert dialog box, select this file (prelim_sheet_numbers.pdf)
- c. In the Insert dialog box, choose After for Location and Last page for Page.
- d. Click OK.

2. Click the Place Preliminary Sheet Numbers button

- a. Go to the last sheet of the plan.
- b. Click the Place Preliminary Sheet Numbers button once.
(The preliminary sheet number appears in the bottom right corner of the sheets.
The number should match the page number in the Acrobat Status bar).

3. Re-Save the PDF

- a. Select File > Save As and save the PDF.

TO REMOVE PRELIMINARY SHEET NUMBERS