

PROJECT ID: 2390-12-70
WITH: N/A

COUNTY: RACINE

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS =



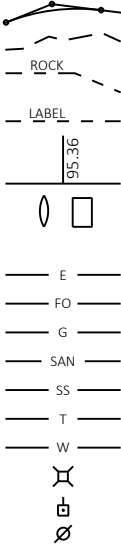
DESIGN DESIGNATION

A.A.D.T.	(2025)	=	38,700
A.A.D.T.	(2045)	=	39,900
D.H.V.		=	
D.D.		=	50%/50%
T.		=	9.0%
DESIGN SPEED		=	40 MPH
ESALS		=	4,700,000

CONVENTIONAL SYMBOLS

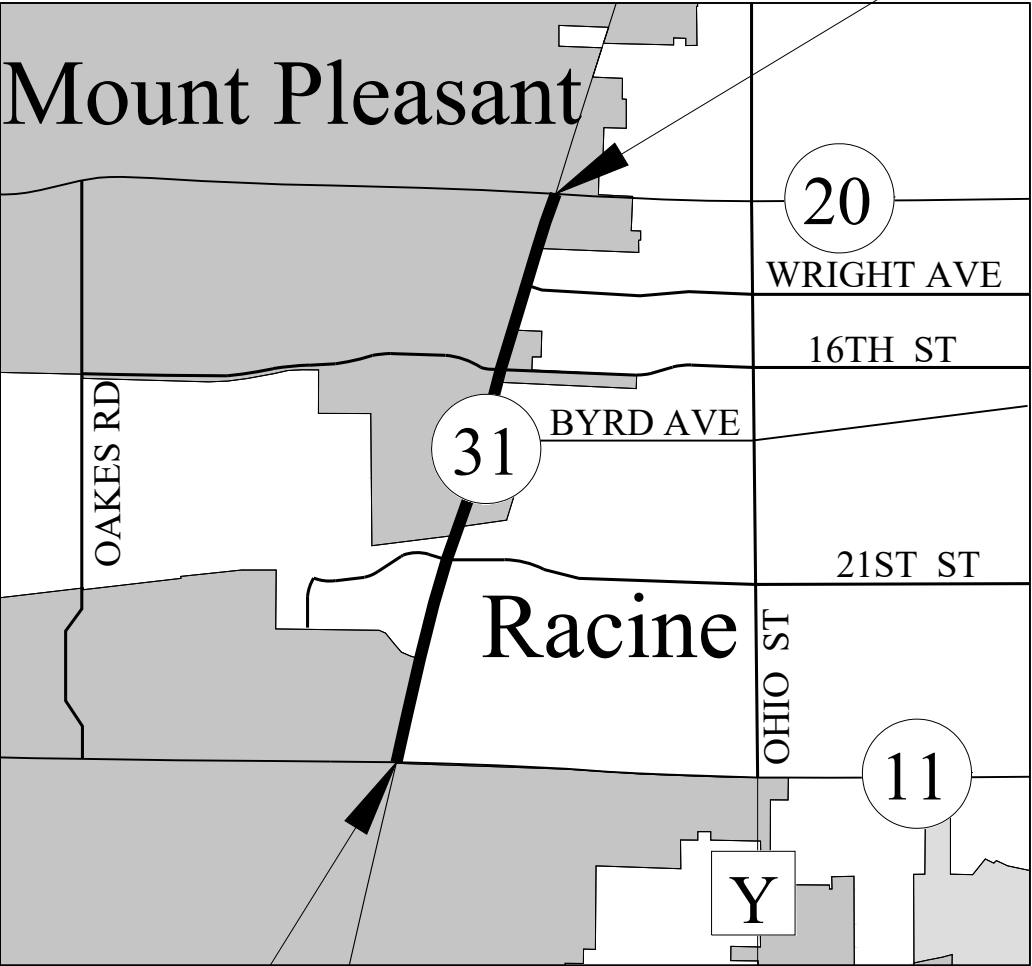
<u>PLAN</u>	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

<u>PROFILE</u>	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
<u>UTILITIES</u>	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT
S GREEN BAY ROAD
STH 11 TO STH 20
STH 31
RACINE COUNTY

STATE PROJECT NUMBER
2390-12-70



BEGIN PROJECT STA 120+XX
Y=
X=
TOTAL NET LENGTH OF CENTERLINE = 1.519

END PROJECT STA 200+XX

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE SYSTEM (WCCS), RACINE COUNTY NAD83 2007, IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.
ELEVATIONS ARE REFERENCED TO NAVD 88 2007. GPS DERIVED ELEVATIONS ARE BASED ON GEOID 9A.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
2390-12-70		
30% PRELIMINARY PLANS 3/17/2021		

1300 W. Canal Street, Suite 200
Milwaukee, WI 53233
414.347.1607 Fax 414.347.1347

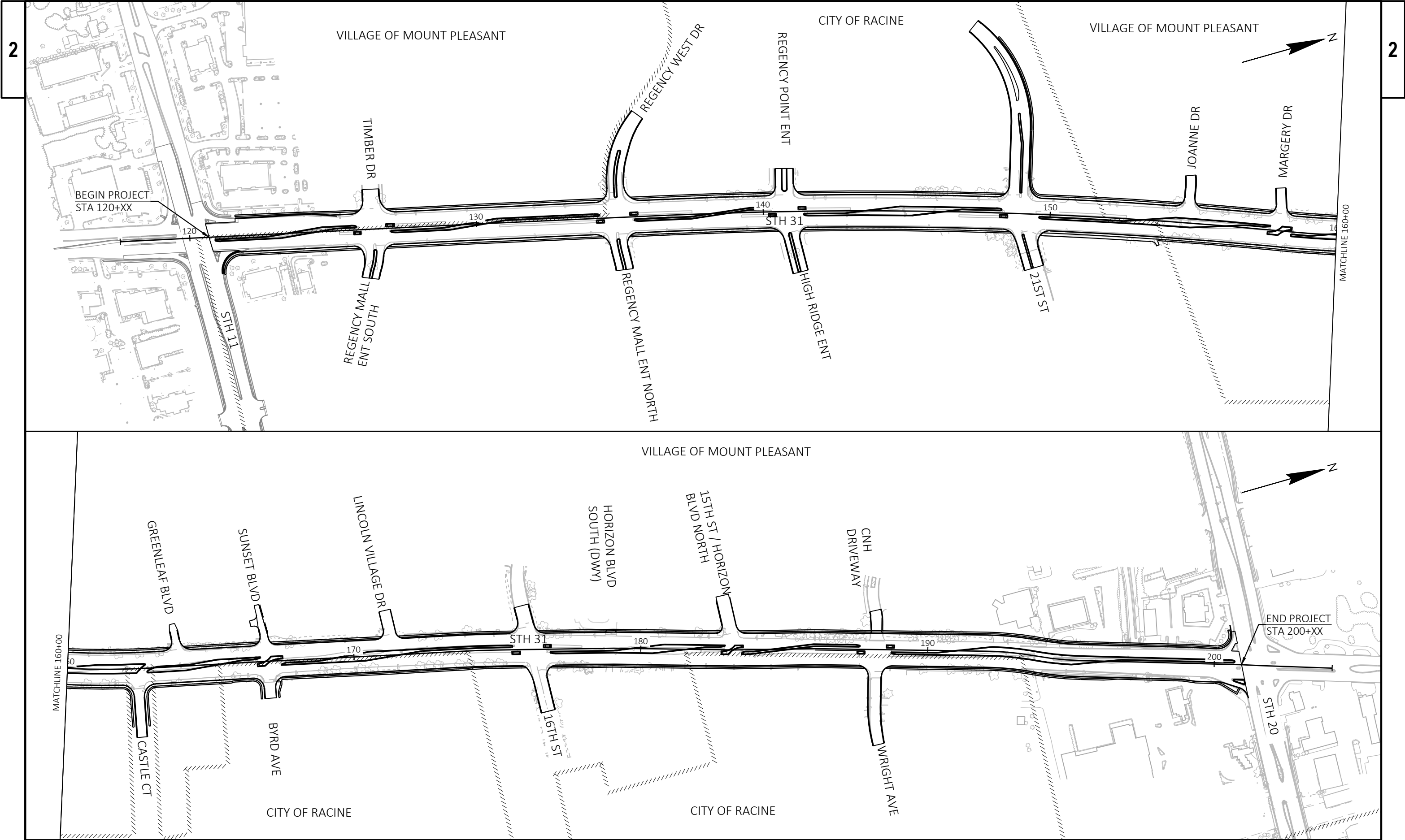
(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY
Surveyor EMCS, INC./raSmith
Designer EMCS, INC.
Project Manager VIDA SHAFFER
Regional Examiner REGIONAL EXAMINER
Regional Supervisor REGIONAL SUPERVISOR

APPROVED FOR THE DEPARTMENT
DATE: (Signature)

E



PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY: RACINE	PROJECT OVERVIEW	SHEET	E
------------------------	-------------	----------------	------------------	-------	---



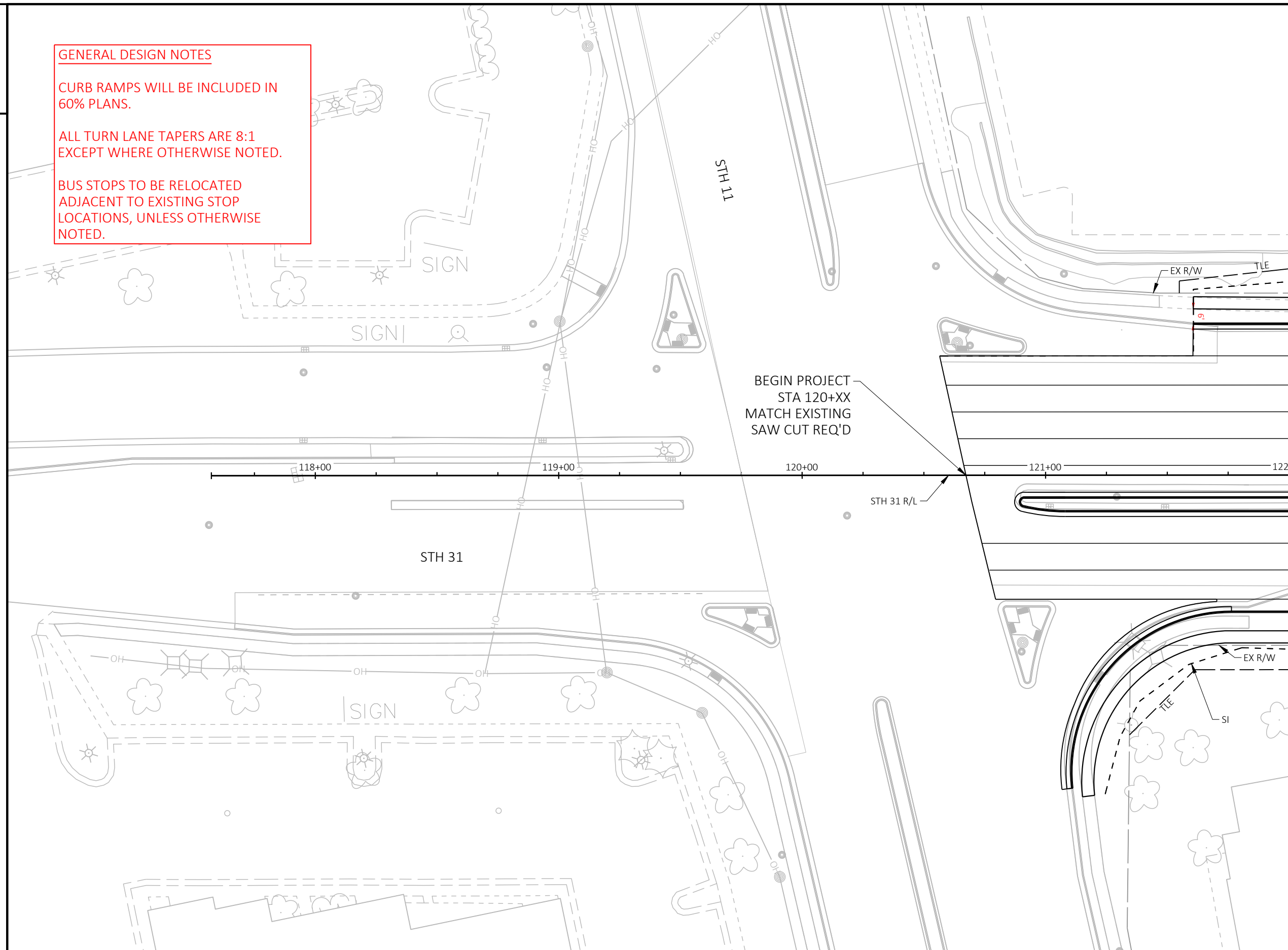


GENERAL DESIGN NOTES

CURB RAMPS WILL BE INCLUDED IN 60% PLANS.

ALL TURN LANE TAPERS ARE 8:1 EXCEPT WHERE OTHERWISE NOTED.

BUS STOPS TO BE RELOCATED ADJACENT TO EXISTING STOP LOCATIONS, UNLESS OTHERWISE NOTED.



PROJECT NO: 2390-12-70

HWY: STH 31

COUNTY: RACINE

PLAN DETAILS - STH 31

SHEET

E

FILE NAME : Y:\52XX\5231_DP.STH31.RCN\CADD\23901200\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021201

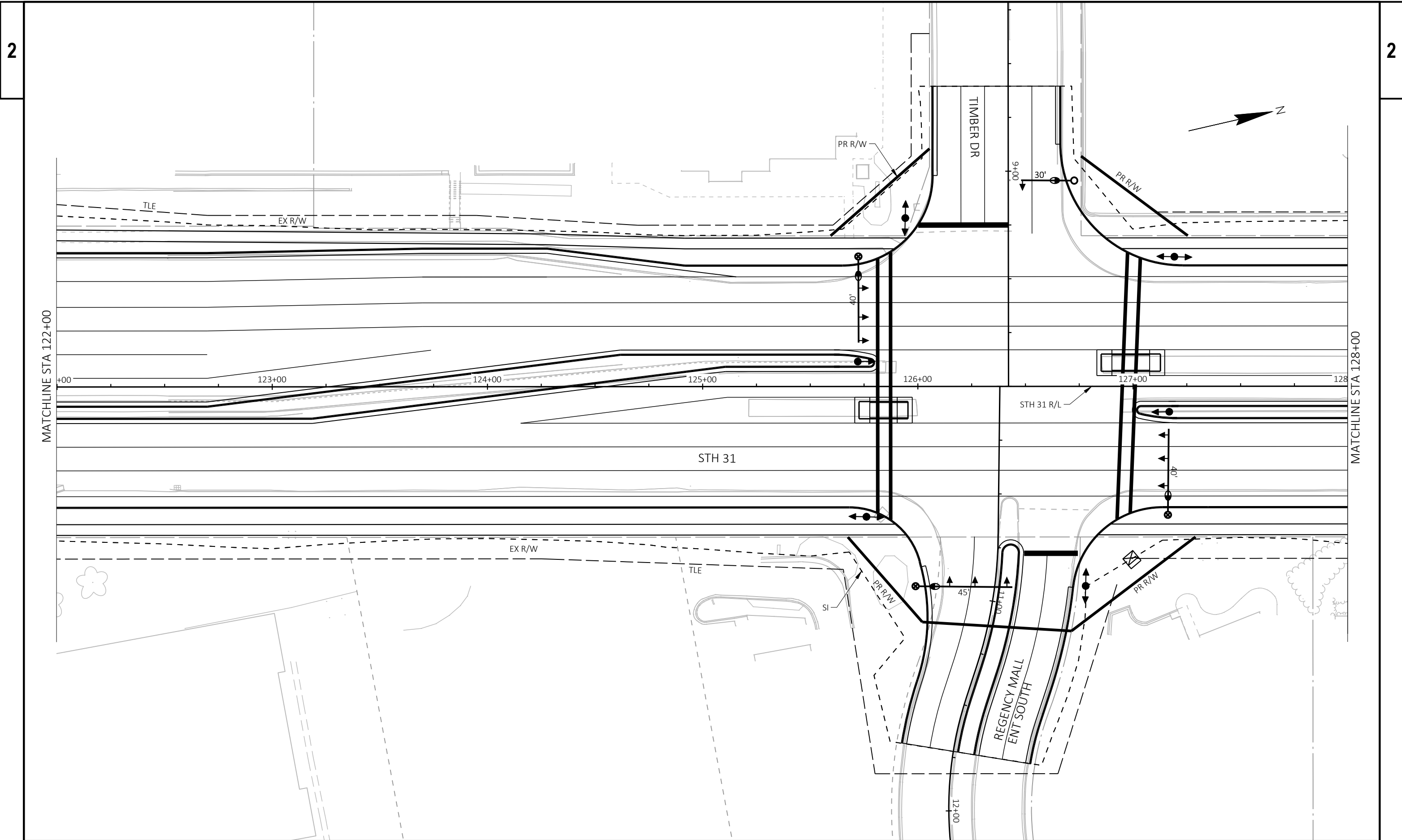
PLOT DATE : 3/17/2021 4:28 PM

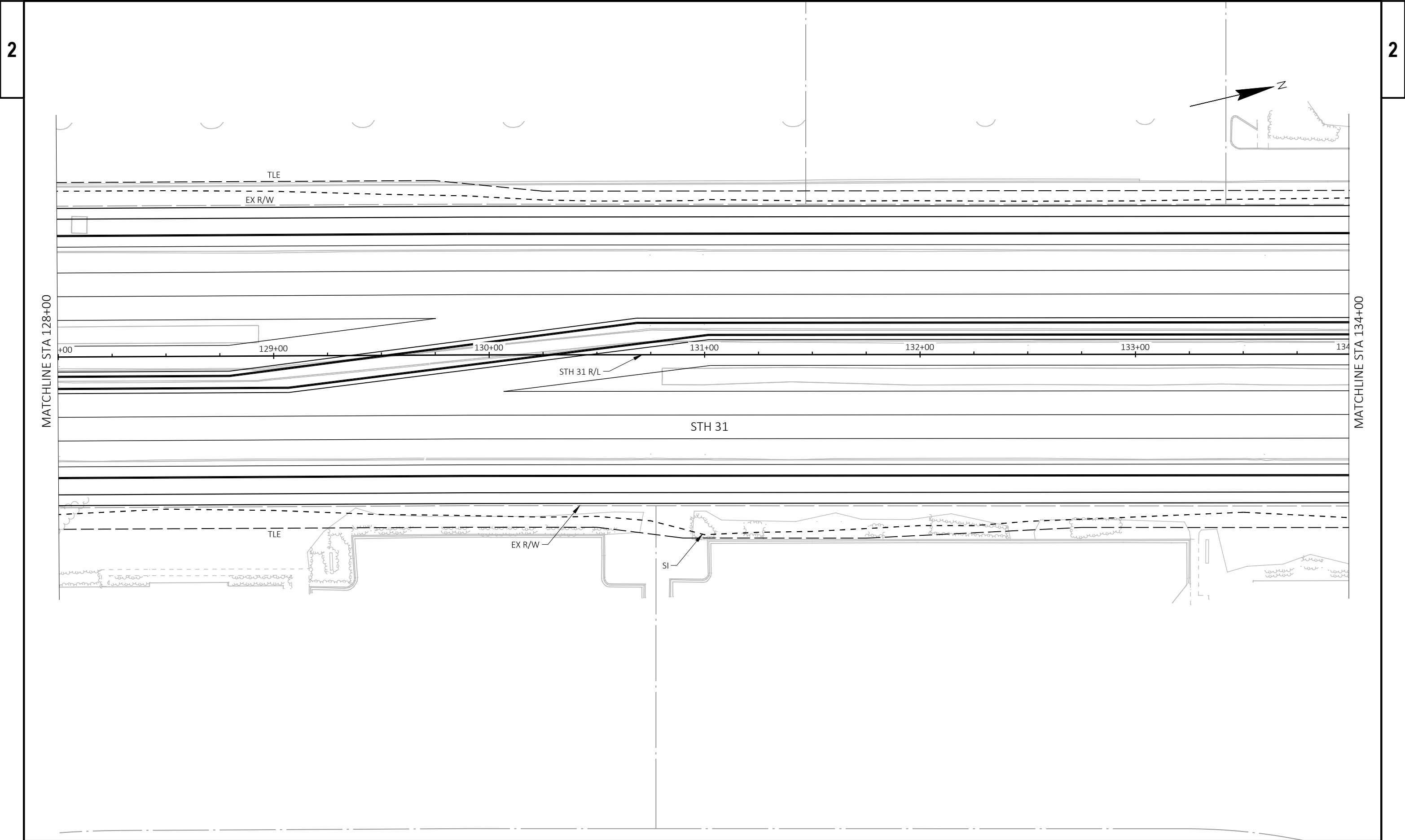
PLOT BY : AARON SCHRAMM

PLOT NAME :

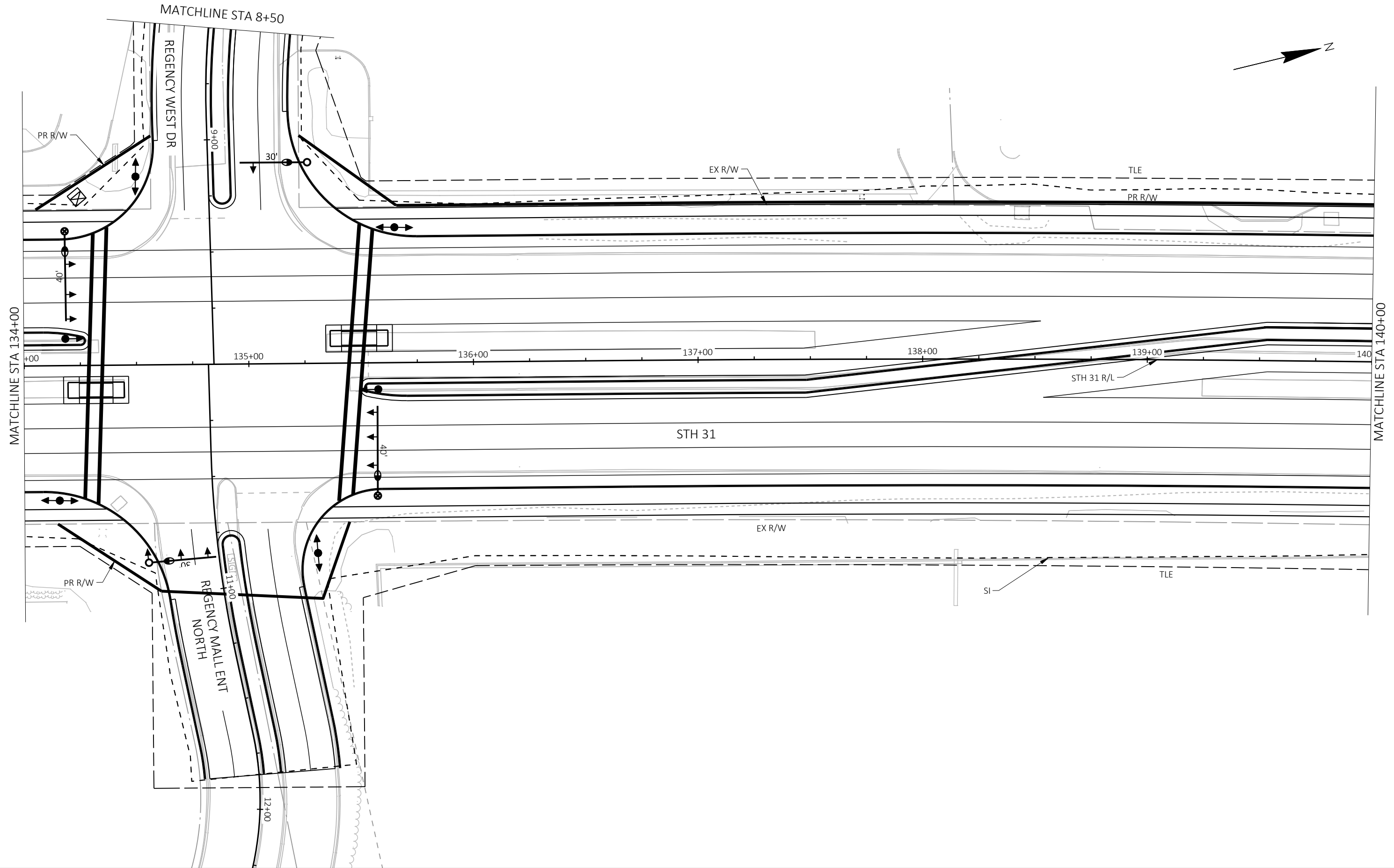
PLOT SCALE : 1 IN=40 FT

WISDOT/CADD SHEET 42

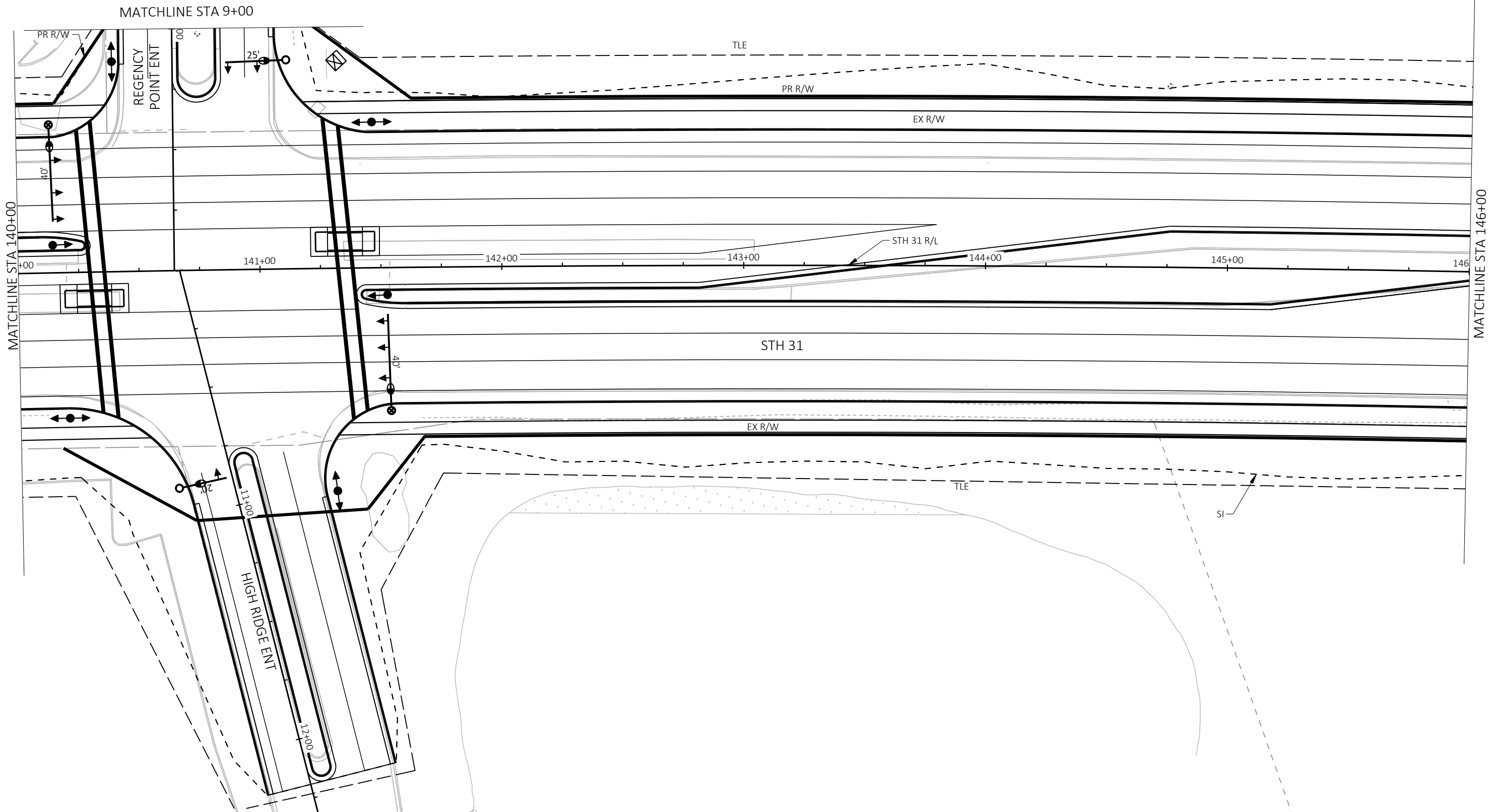




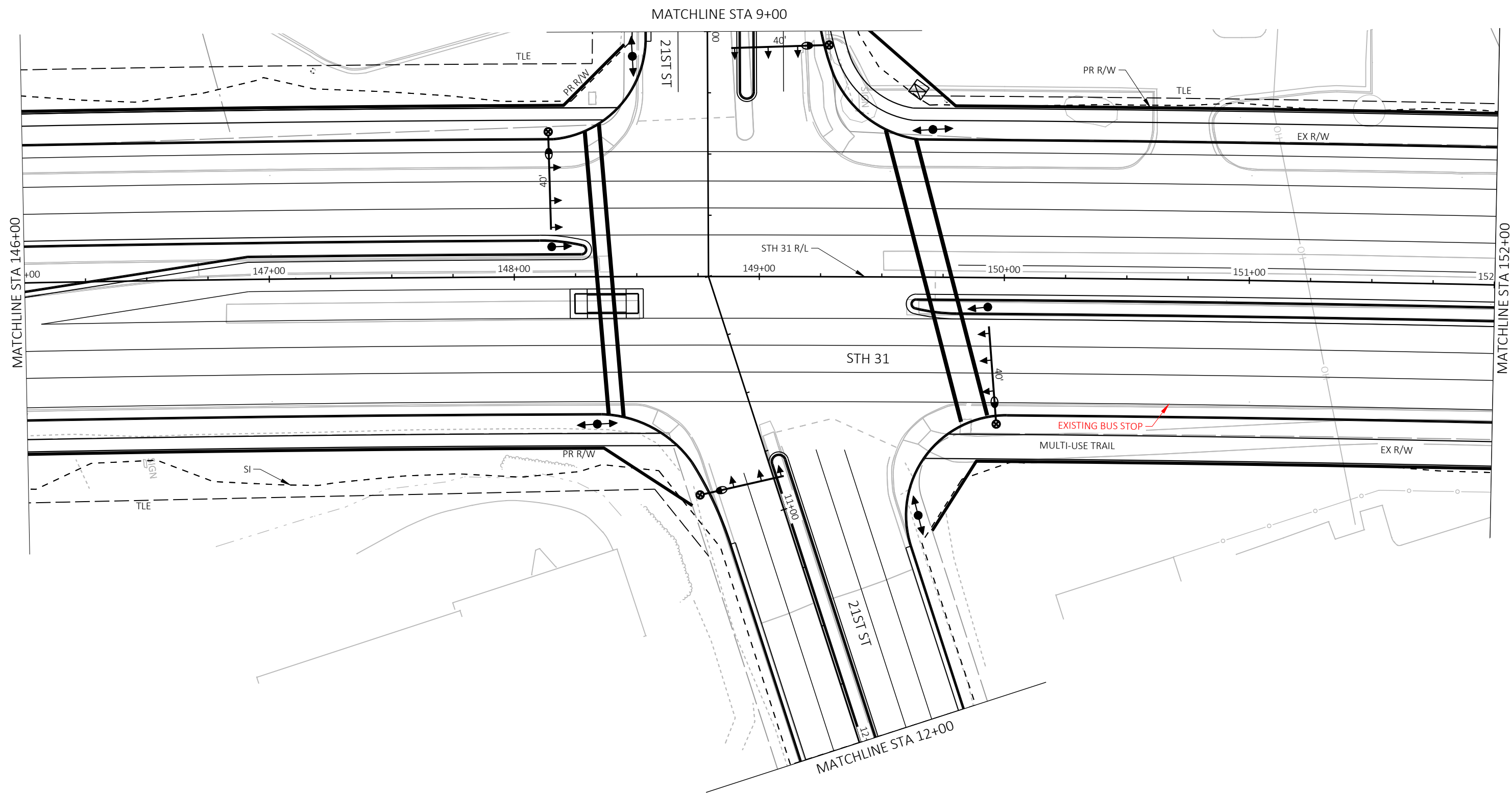
PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY: RACINE	PLAN DETAILS - STH 31	SHEET	E
------------------------	-------------	----------------	-----------------------	-------	---



PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY:	PLAN DETAILS - STH 31	SHEET	E
------------------------	-------------	---------	-----------------------	-------	---



PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY:	PLAN DETAILS - STH 31	SHEET	E
------------------------	-------------	---------	-----------------------	-------	---



PROJECT NO: 2390-12-70

HWY: STH 31

COUNTY: RACINE

PLAN DETAILS - STH 31

SHEET

E

FILE NAME: Y:\52XX\5231_DP.STH31.RCN\CADD\23901200\SHEETS\PLAN\021201-PD.DWG
LAYOUT NAME - 021206

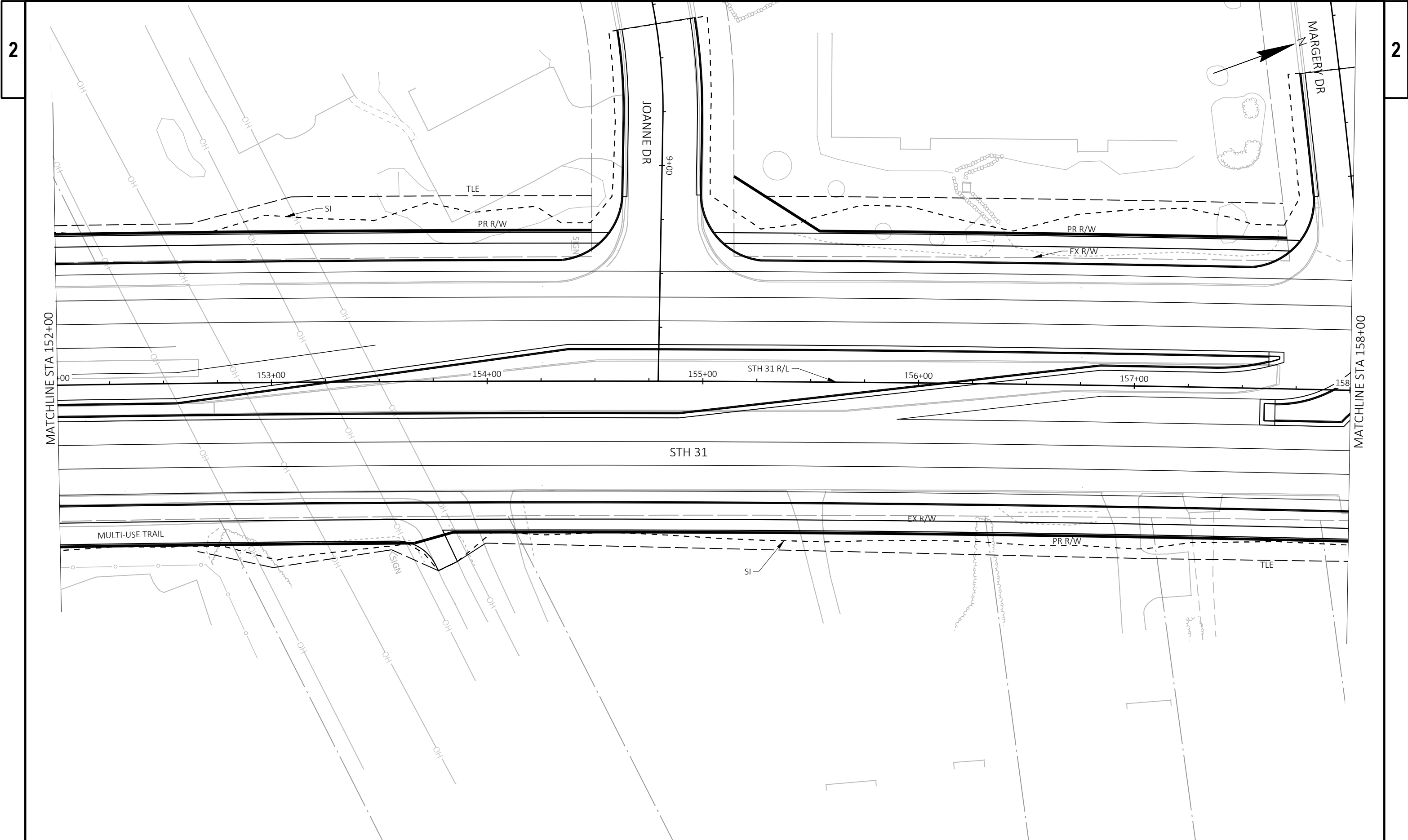
PLOT DATE: 3/17/2021 4:32 PM

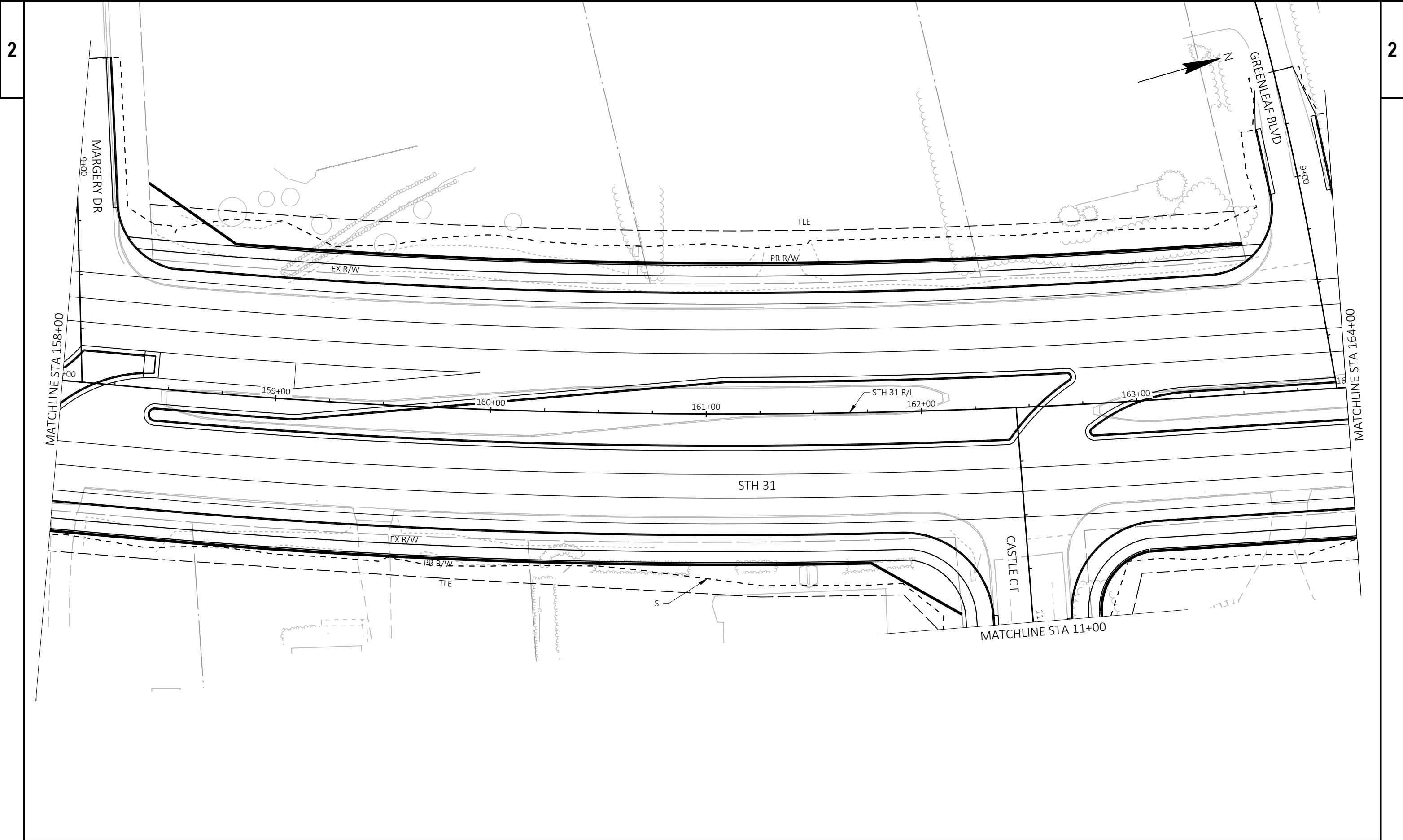
PLOT BY: AARON SCHRAMM

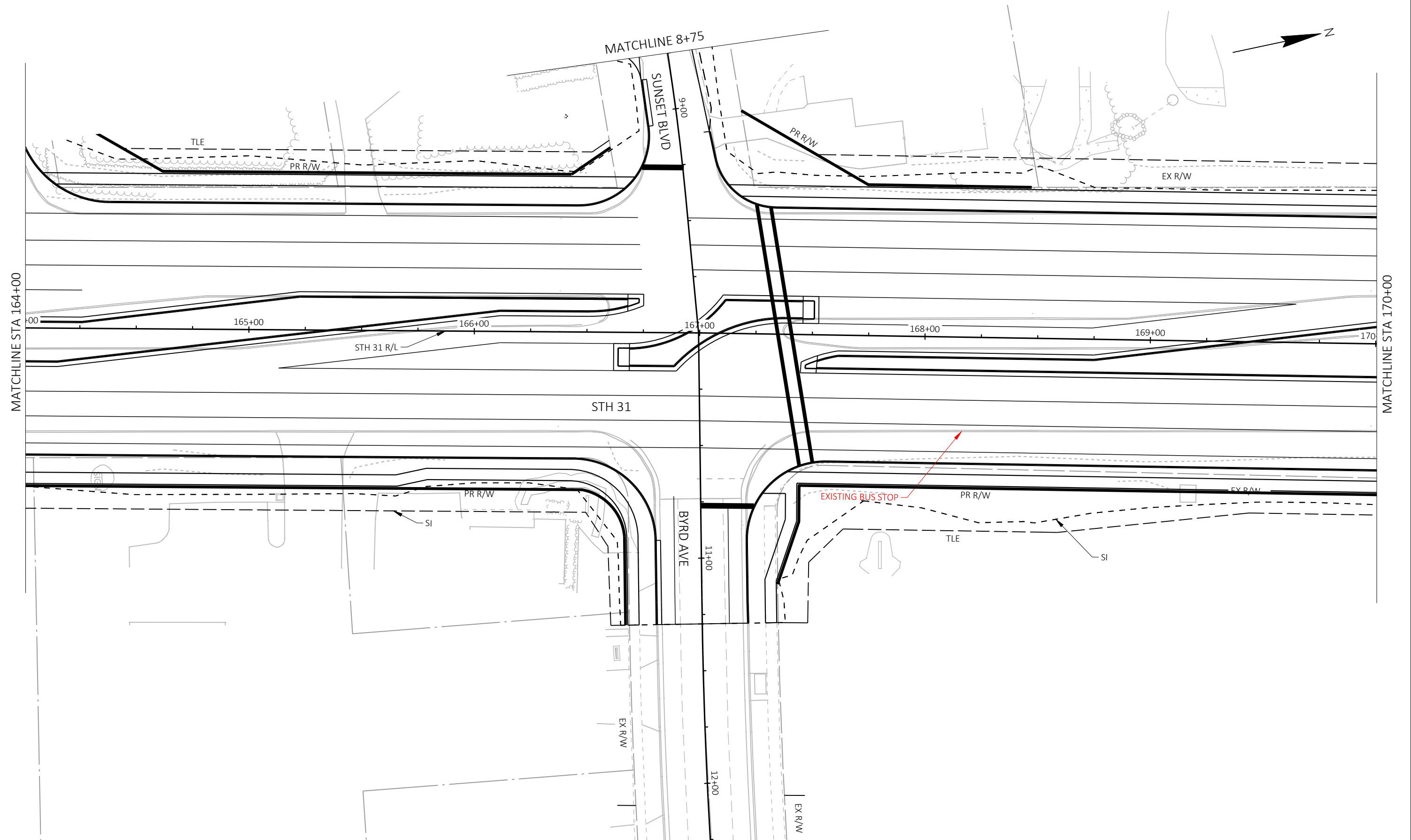
PLOT NAME:

PLOT SCALE: 1 IN=40 FT

WISDOT/CADD SHEET 42







PROJECT NO: 2390-12-70

HWY: STH 31

COUNTY: RACINE

PLAN DETAILS - STH 31

SHEET

E

FILE NAME: Y:\52XX\5231_DP.STH31.RCN\CADD\23901200\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021209

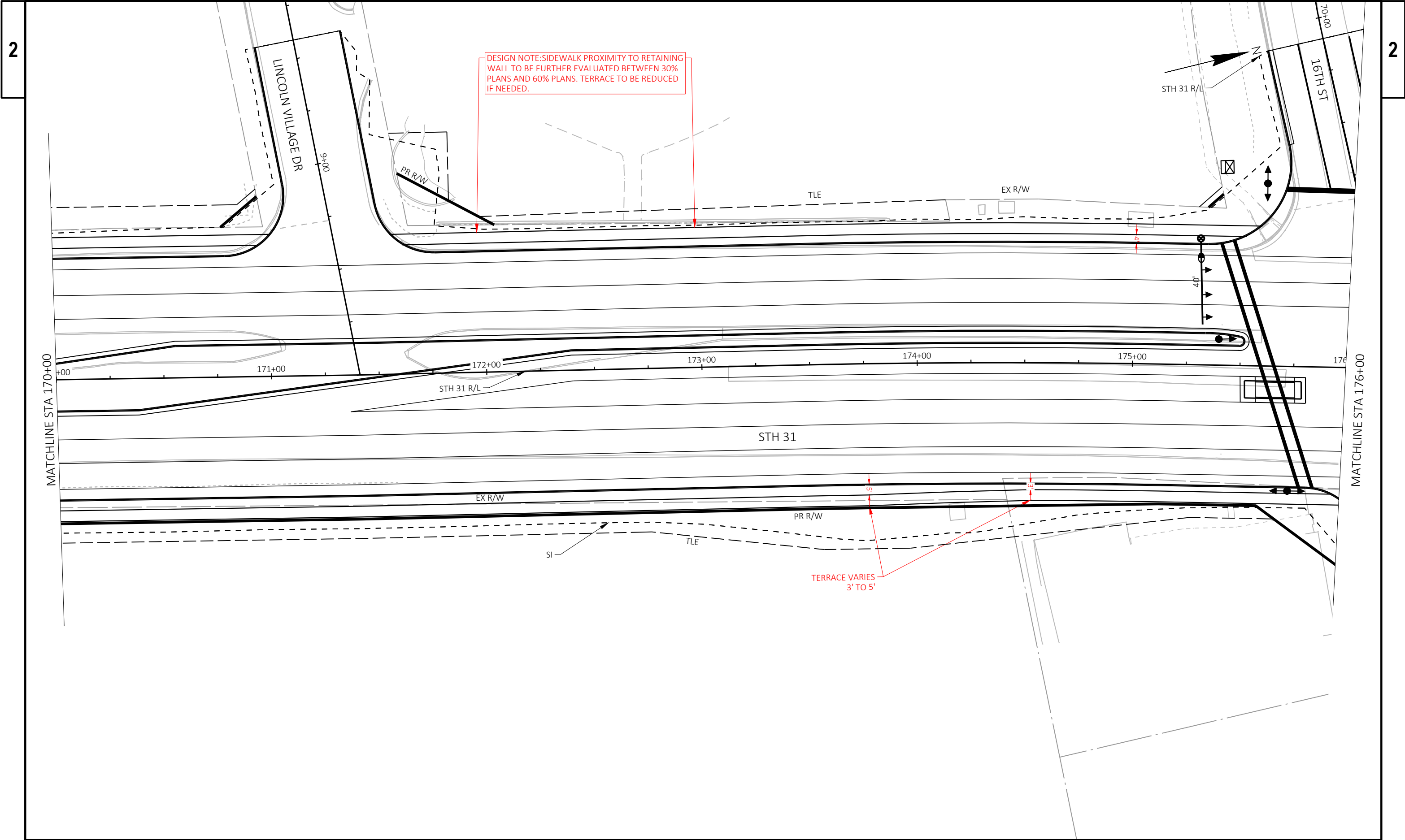
PLOT DATE: 3/17/2021 4:34 PM

PLOT BY: AARON SCHRAMM

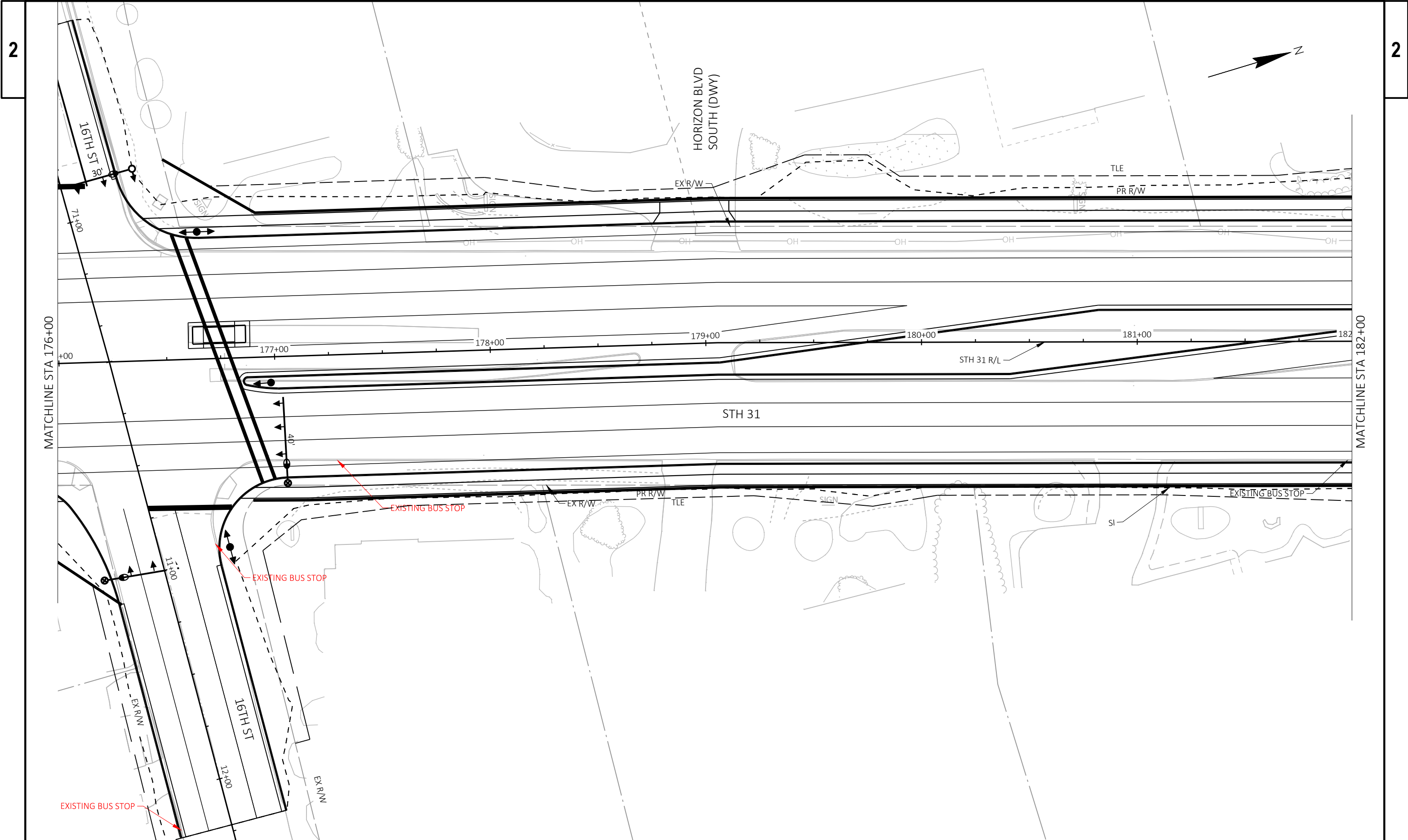
PLOT NAME:

PLOT SCALE: 1 IN=40 FT

WISDOT/CADD SHEET 42



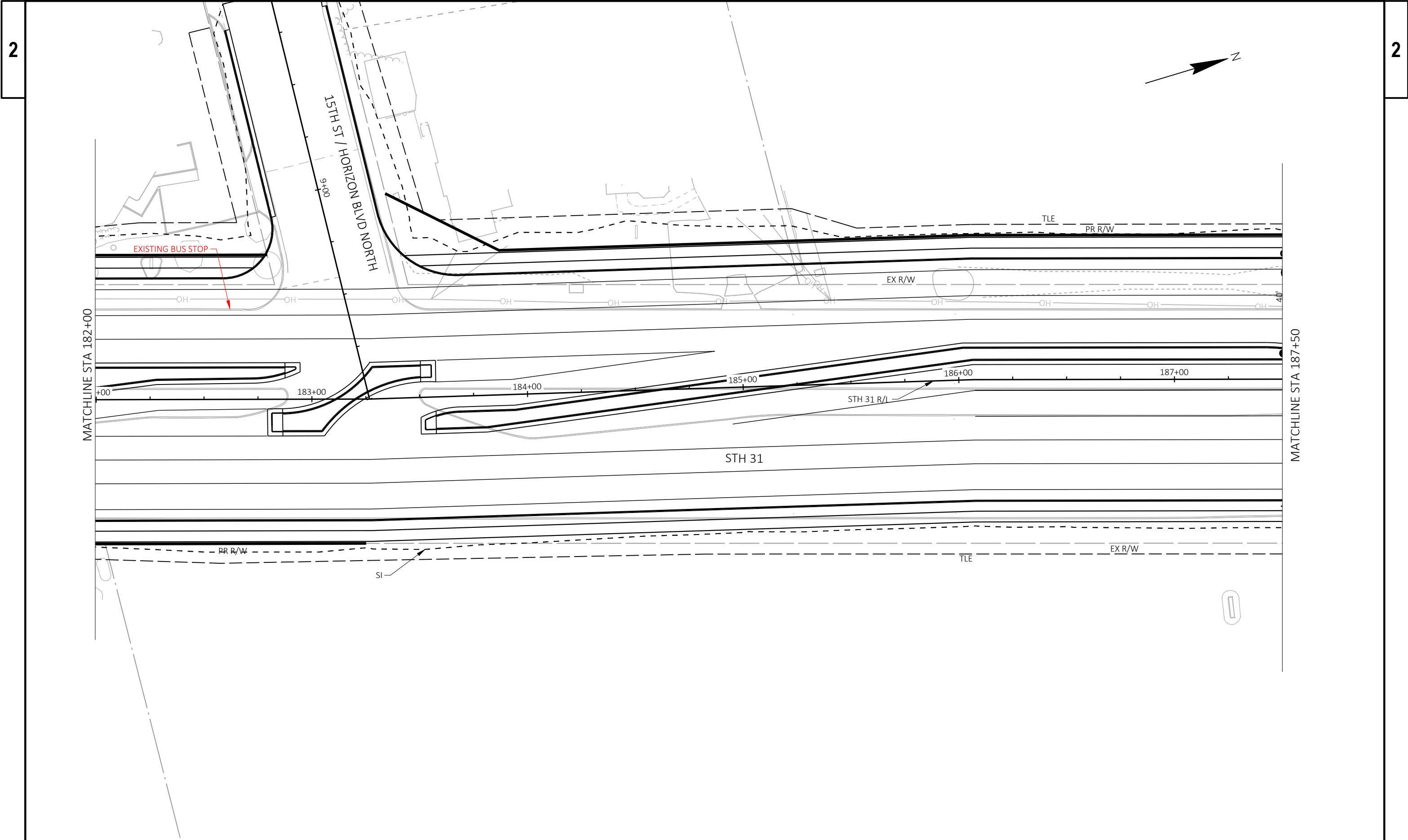
PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY: RACINE	PLAN DETAILS - STH 31	SHEET	E
------------------------	-------------	----------------	-----------------------	-------	---

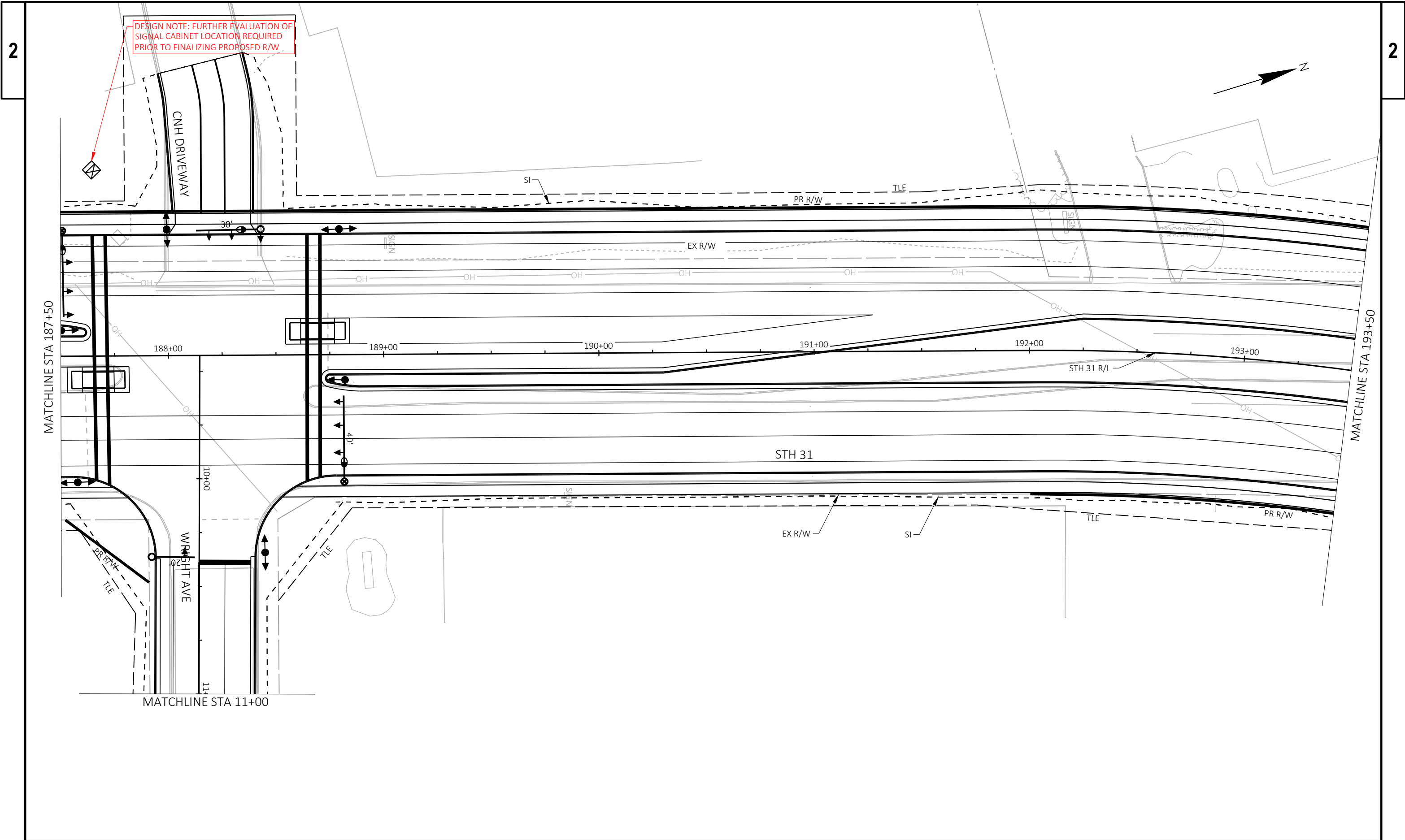


2

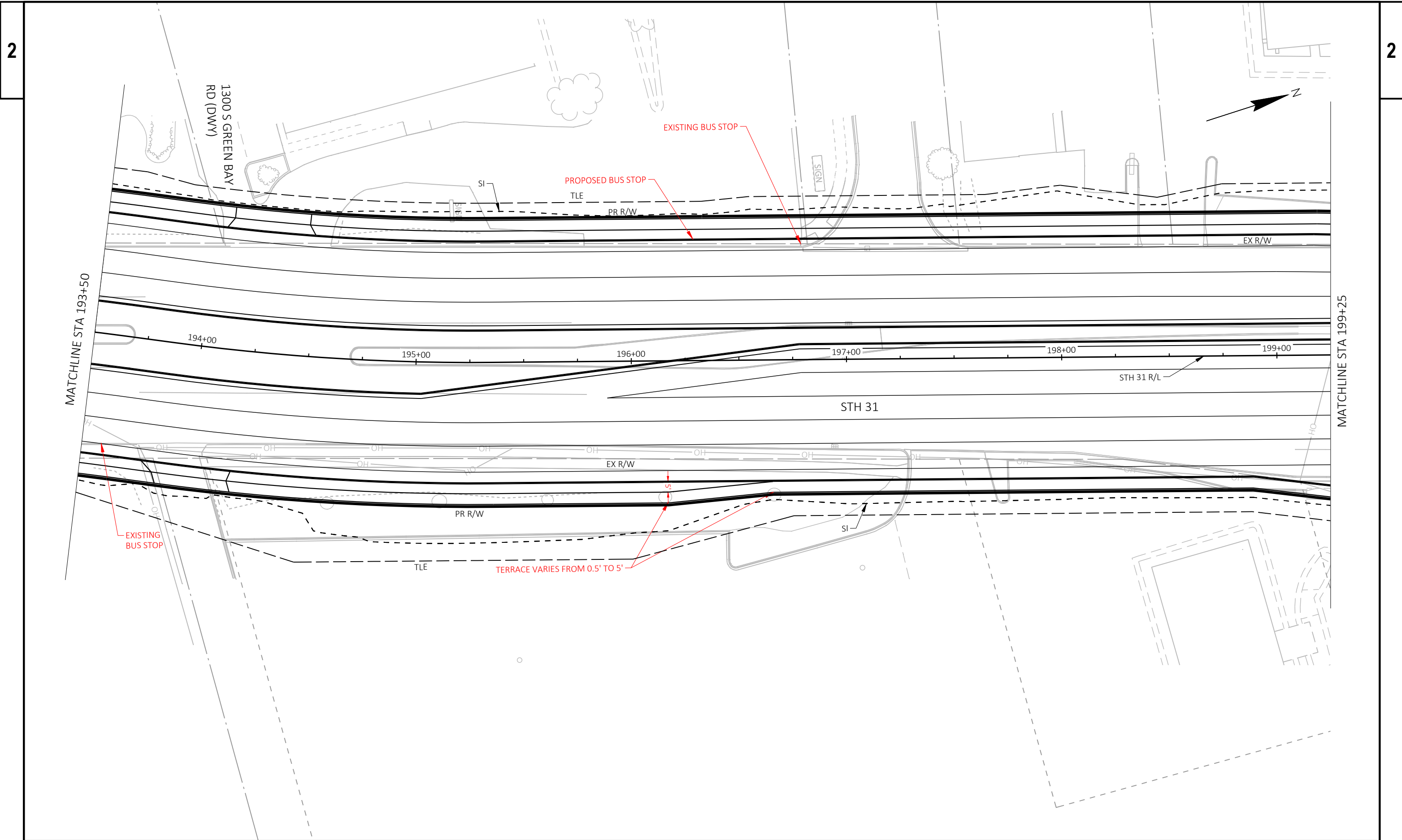
2

PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY: RACINE	PLAN DETAILS - STH 31	SHEET	E
------------------------	-------------	----------------	-----------------------	-------	---

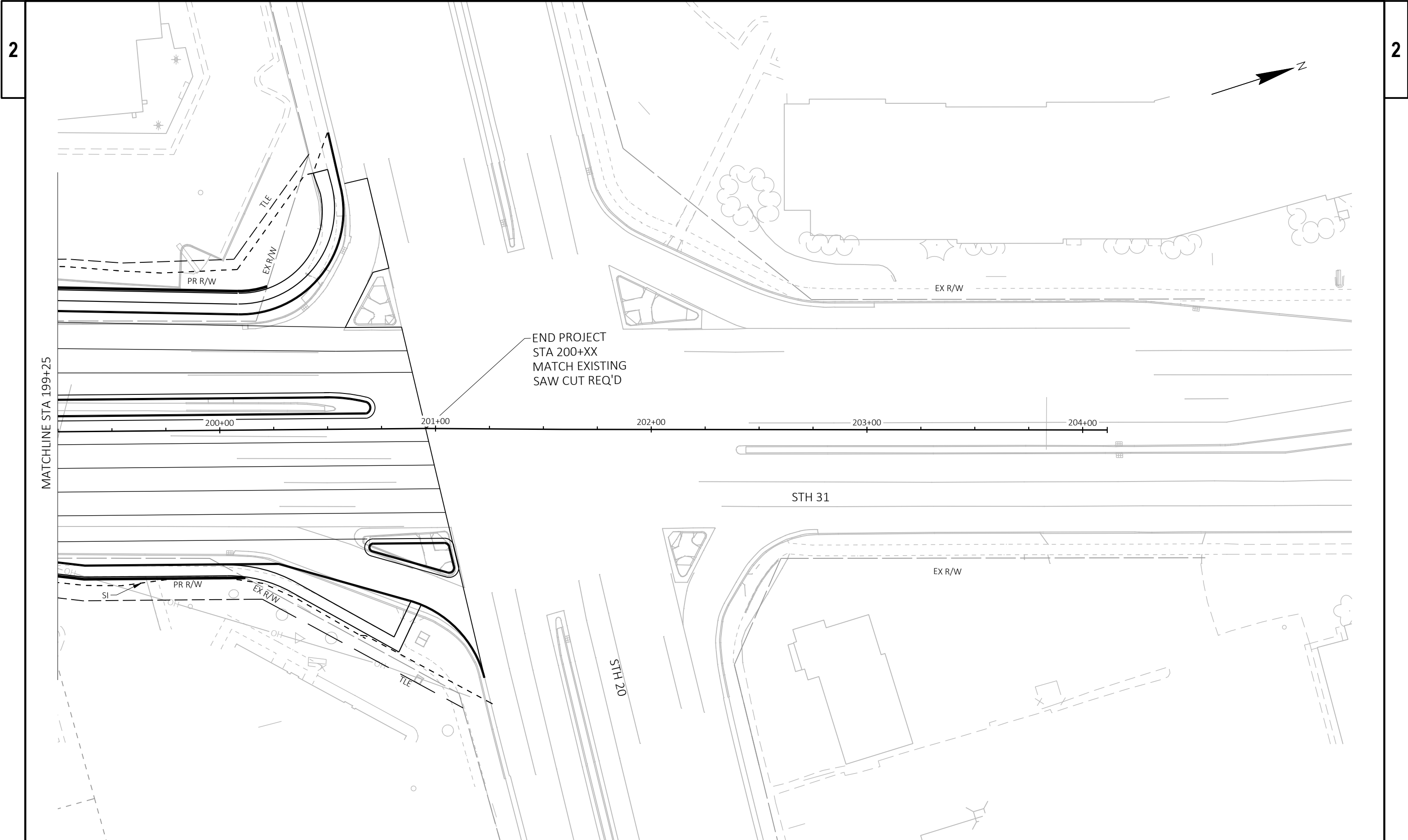




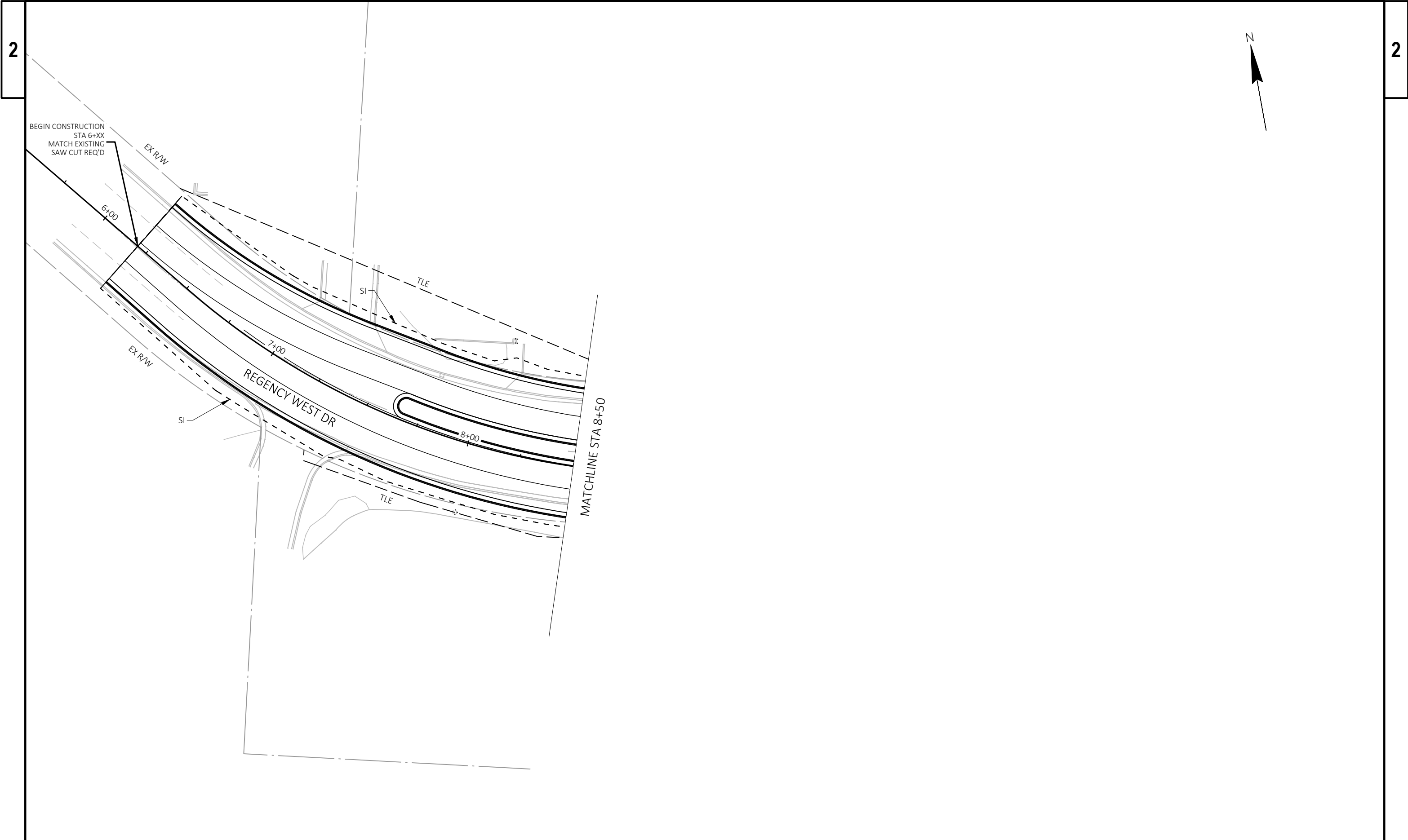
PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY: RACINE	PLAN DETAILS - STH 31	SHEET	E
------------------------	-------------	----------------	-----------------------	-------	---

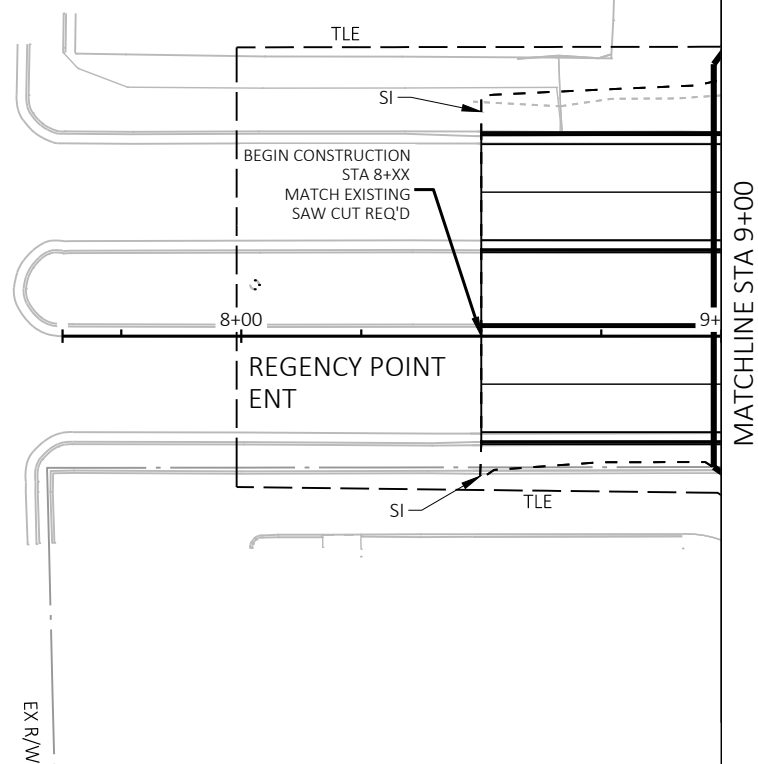


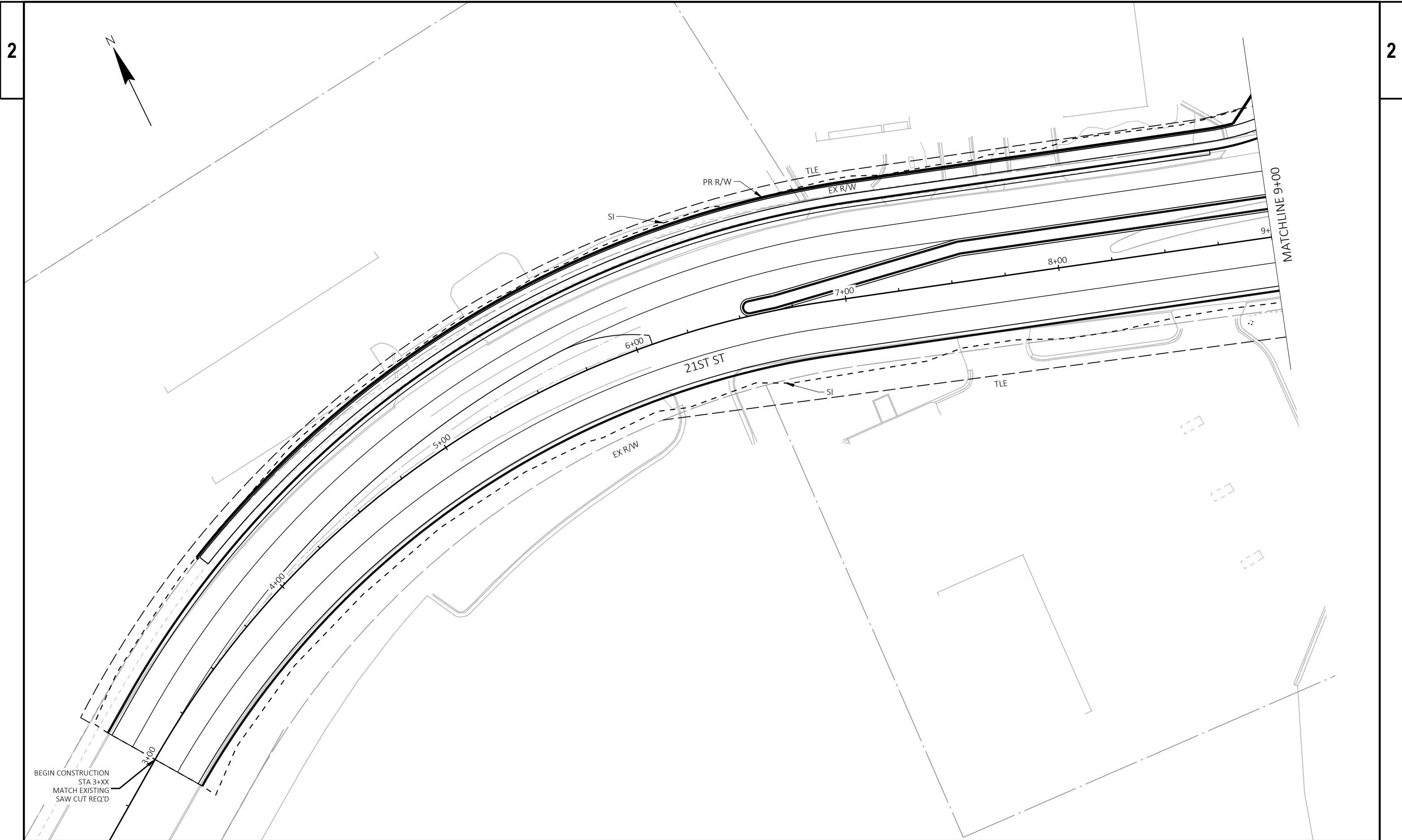
PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY: RACINE	PLAN DETAILS - STH 31	SHEET	E
------------------------	-------------	----------------	-----------------------	-------	---



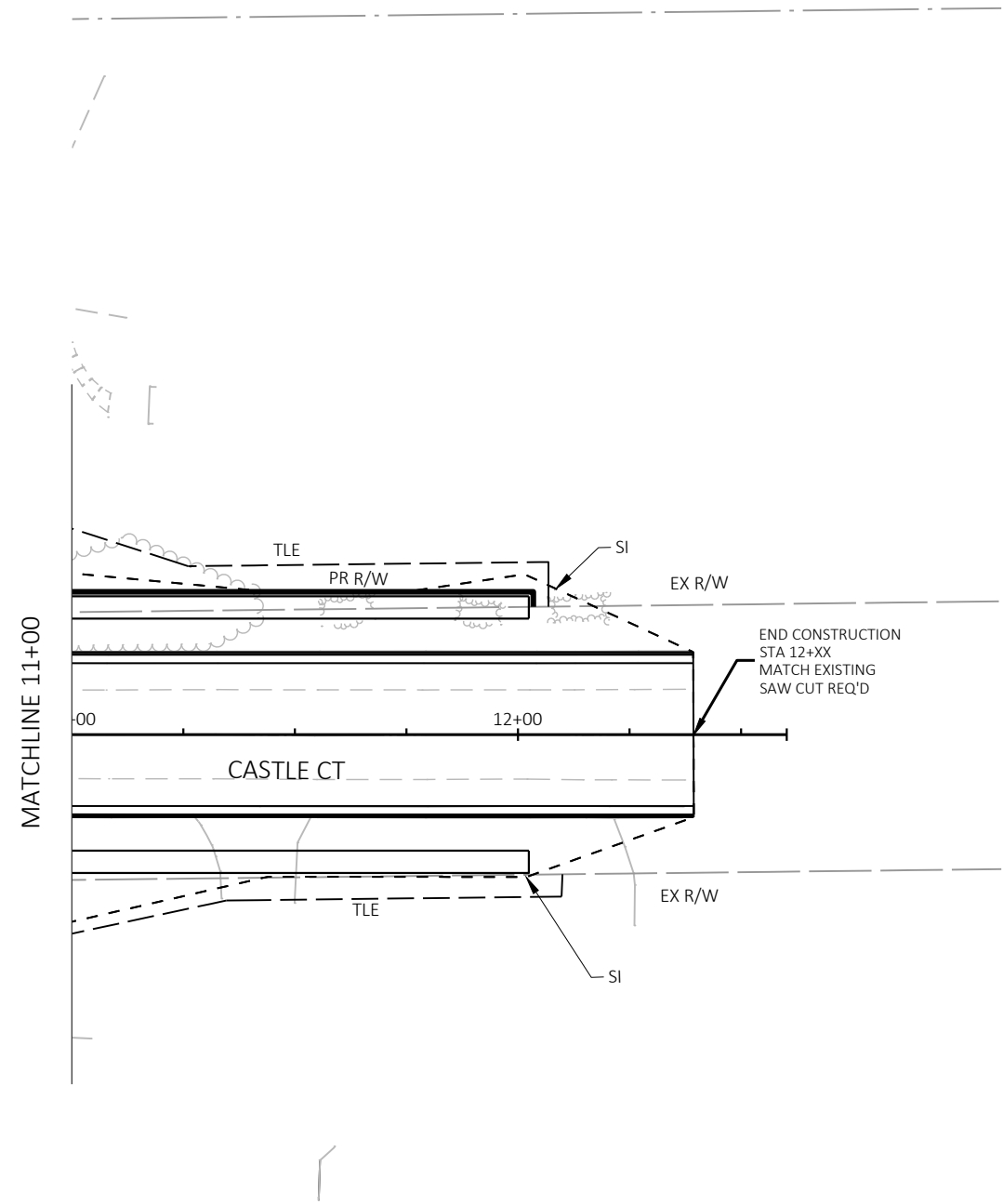
PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY: RACINE	PLAN DETAILS - STH 31	SHEET	E
------------------------	-------------	----------------	-----------------------	-------	---





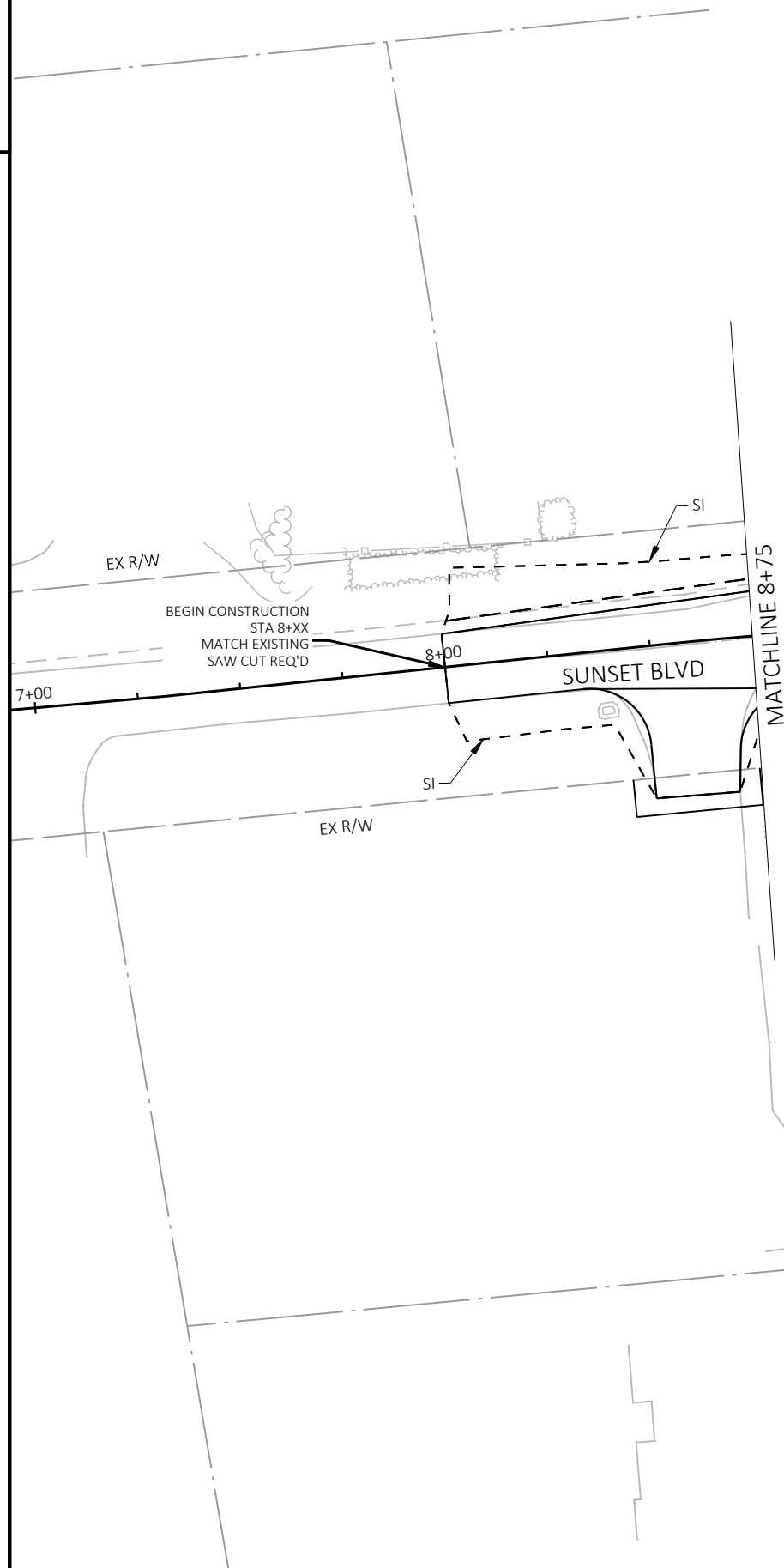


PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY: RACINE	PLAN DETAILS - 21ST ST- WEST	SHEET	E
------------------------	-------------	----------------	------------------------------	-------	---



2

2



PROJECT NO:	2390-12-70
-------------	------------

HWY: STH 31

COUNTY: RACINE

PLAN DETAILS - SUNSET BLVD

SHEET

-
-
-

FILE NAME : Y:\52XX\5231_DP.STH31.RCN\CADD5\23901200\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021220

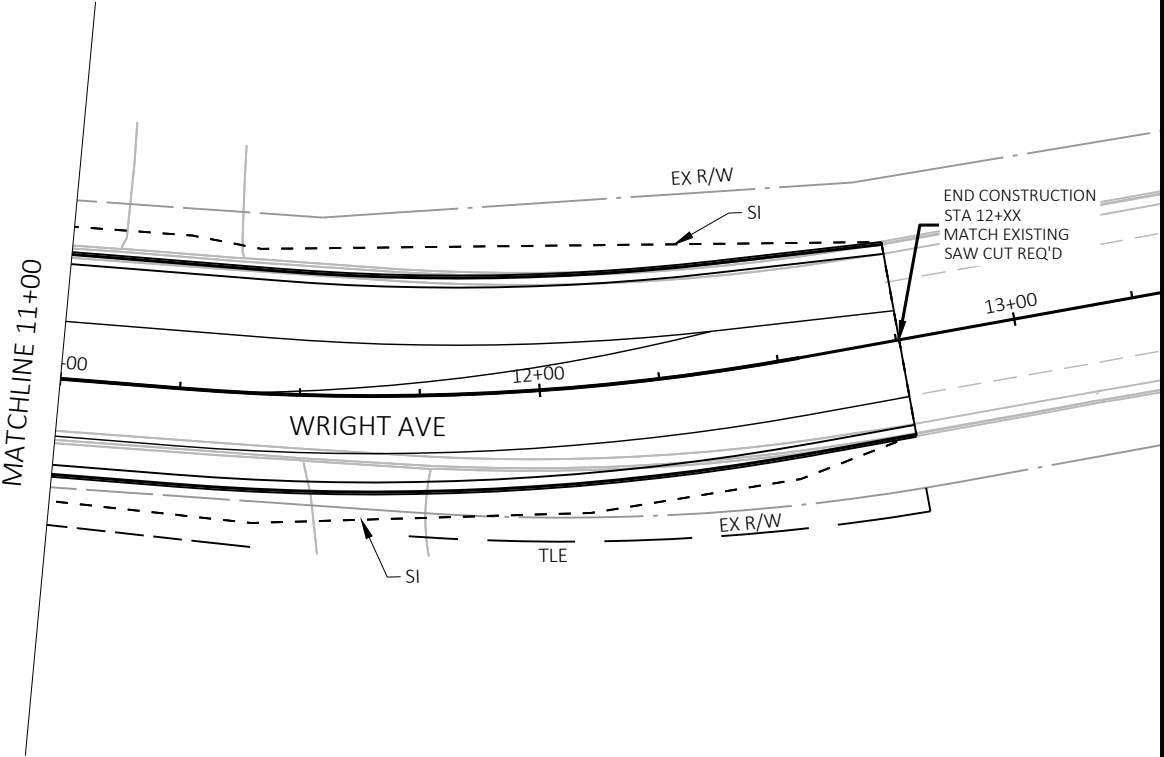
PLOT DATE : 3/17/2021 4:42 PM

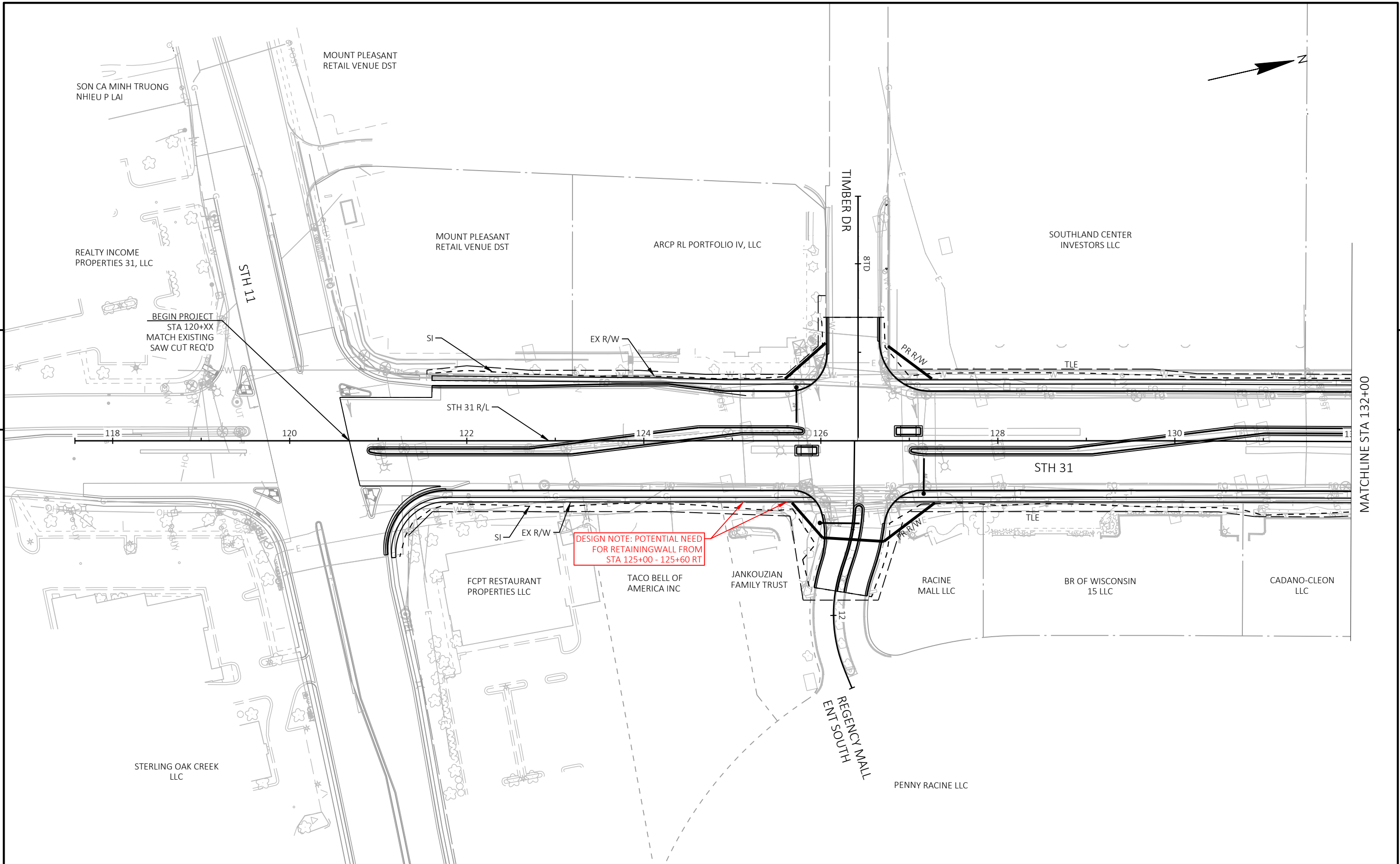
PLOT BY : AARON SCHRAMM

PLOT NAME :

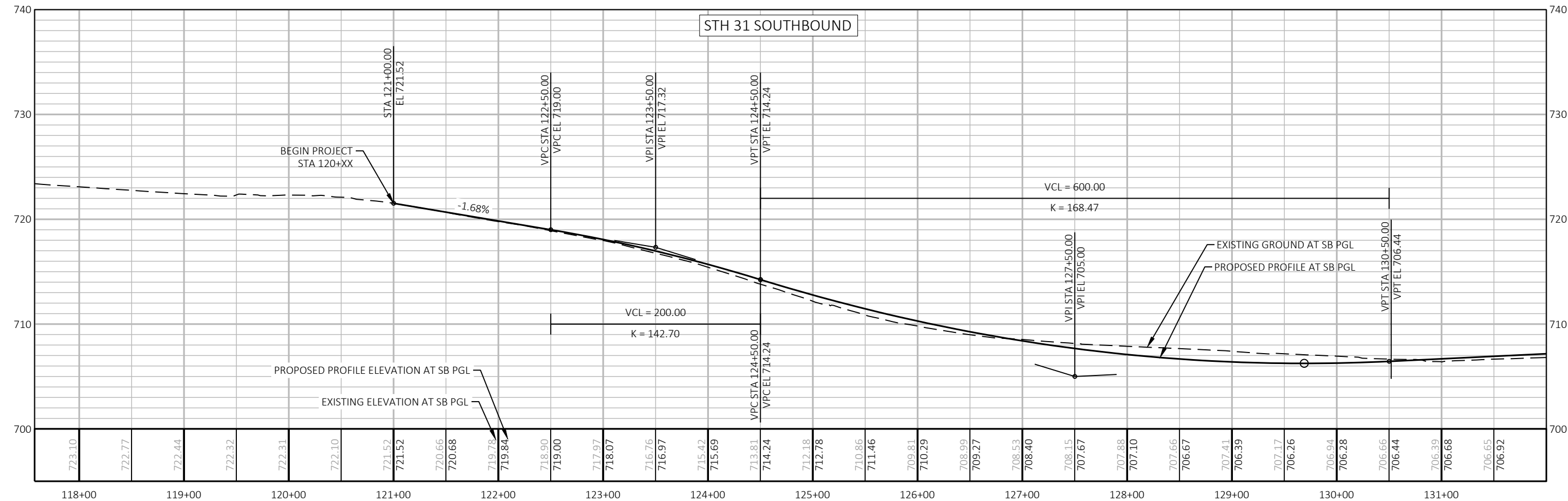
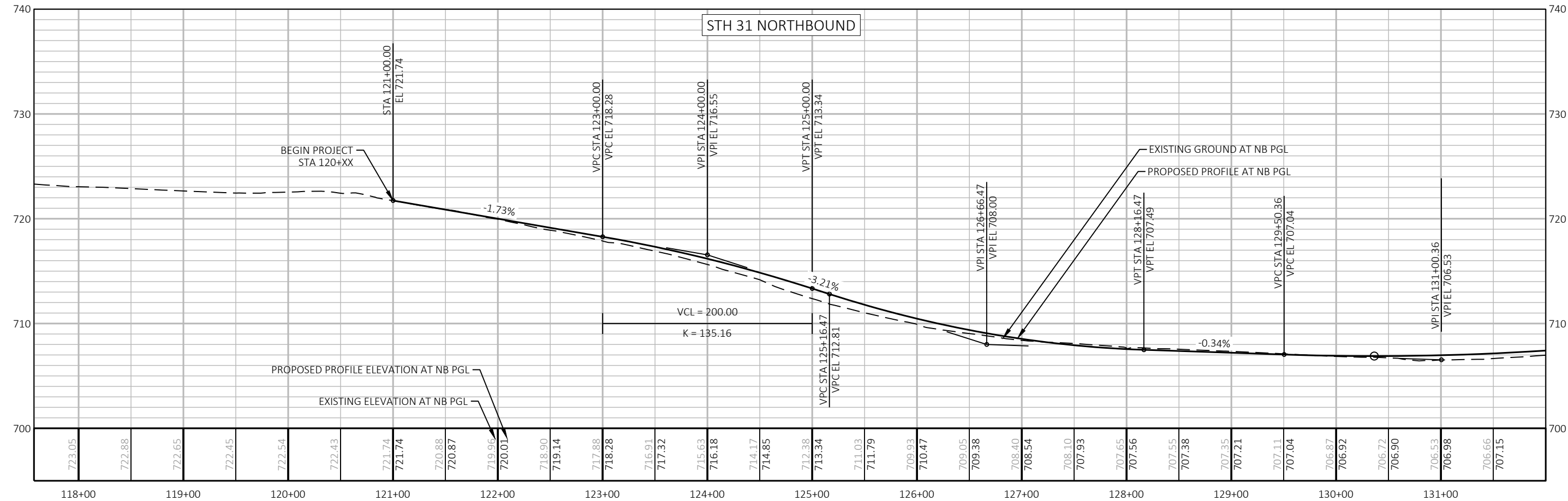
PLOT SCALE : 1 IN:40 FT

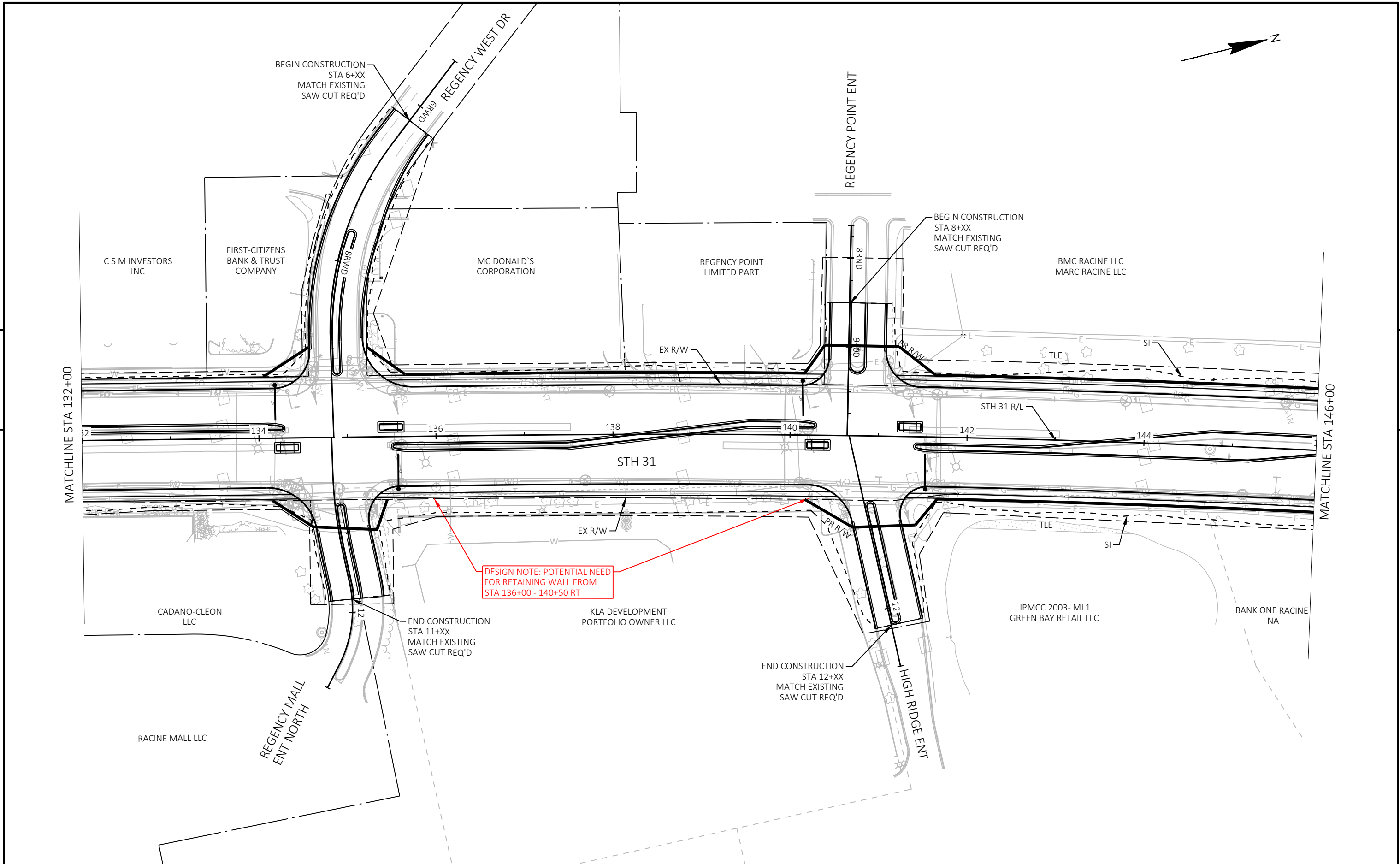
WISDOT/CADDS SHEET 42



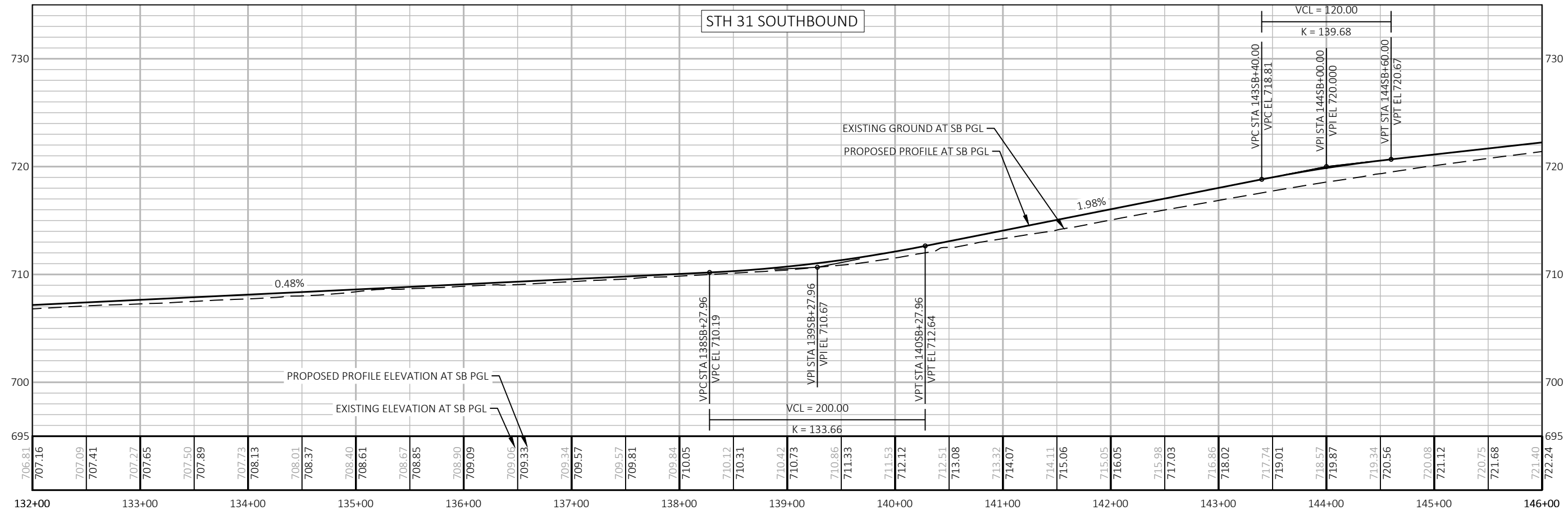
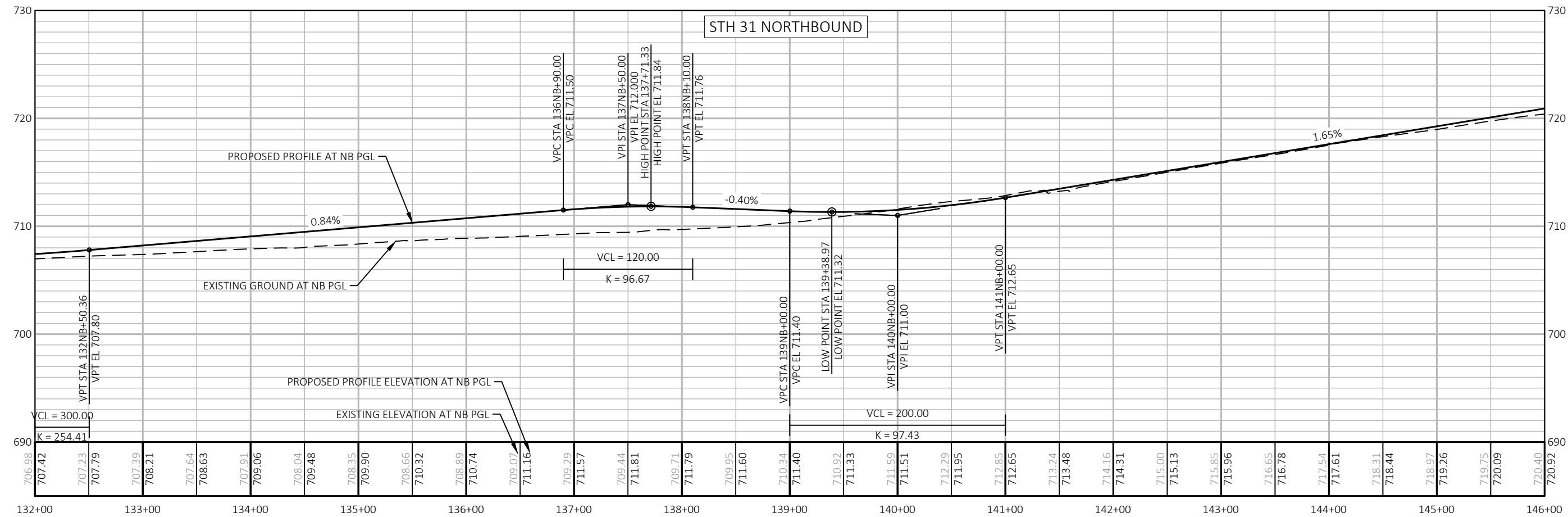


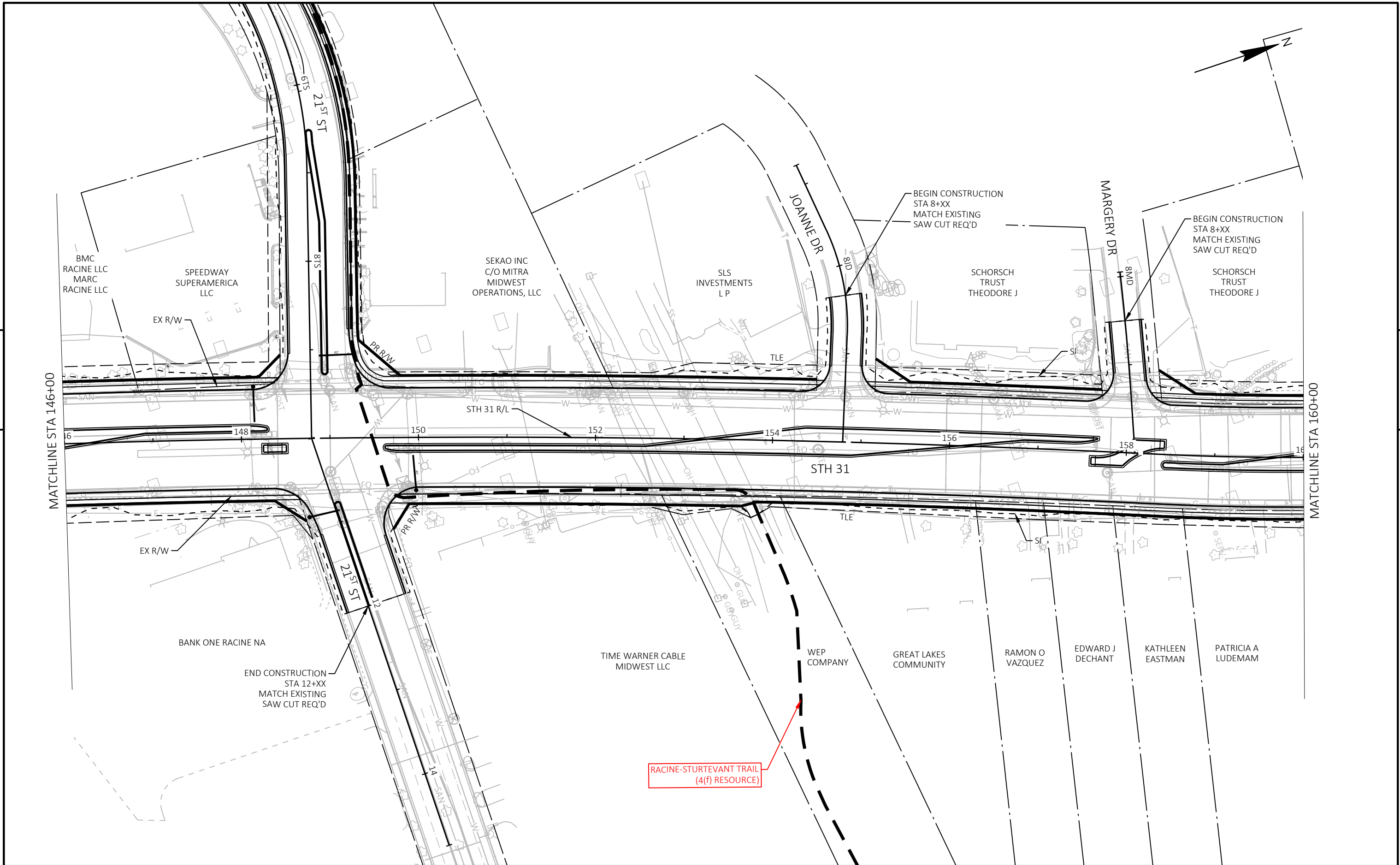
PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY: RACINE	PLAN AND PROFILE - STH 31	SHEET	E
------------------------	-------------	----------------	---------------------------	-------	---



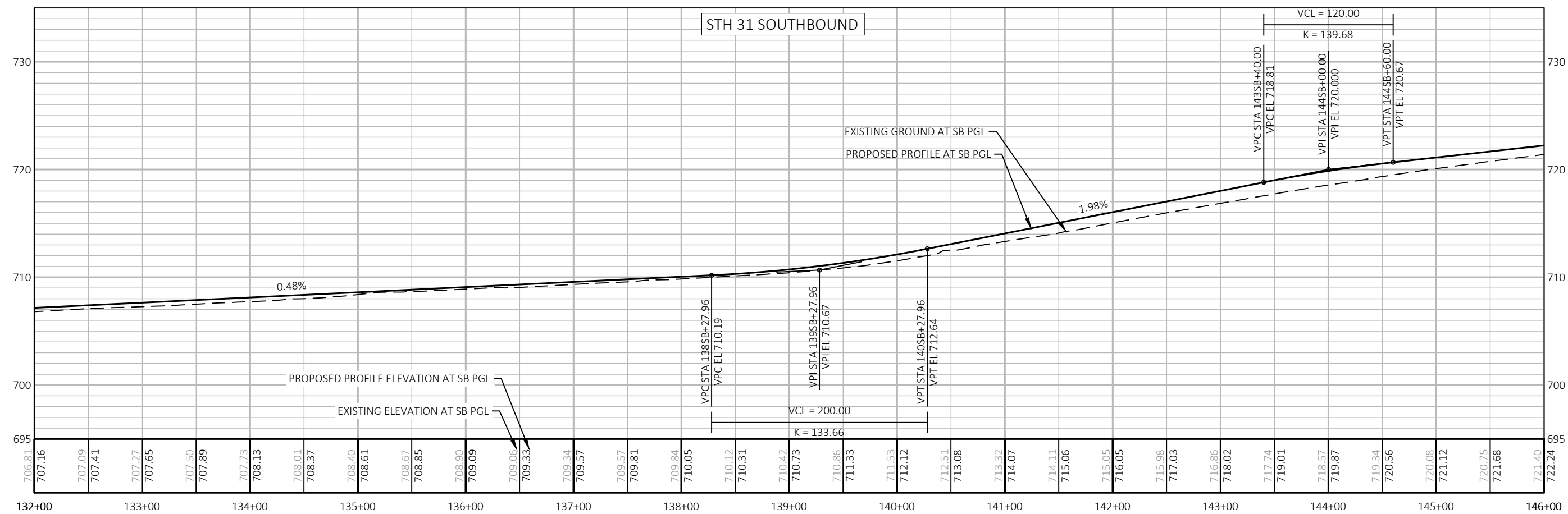
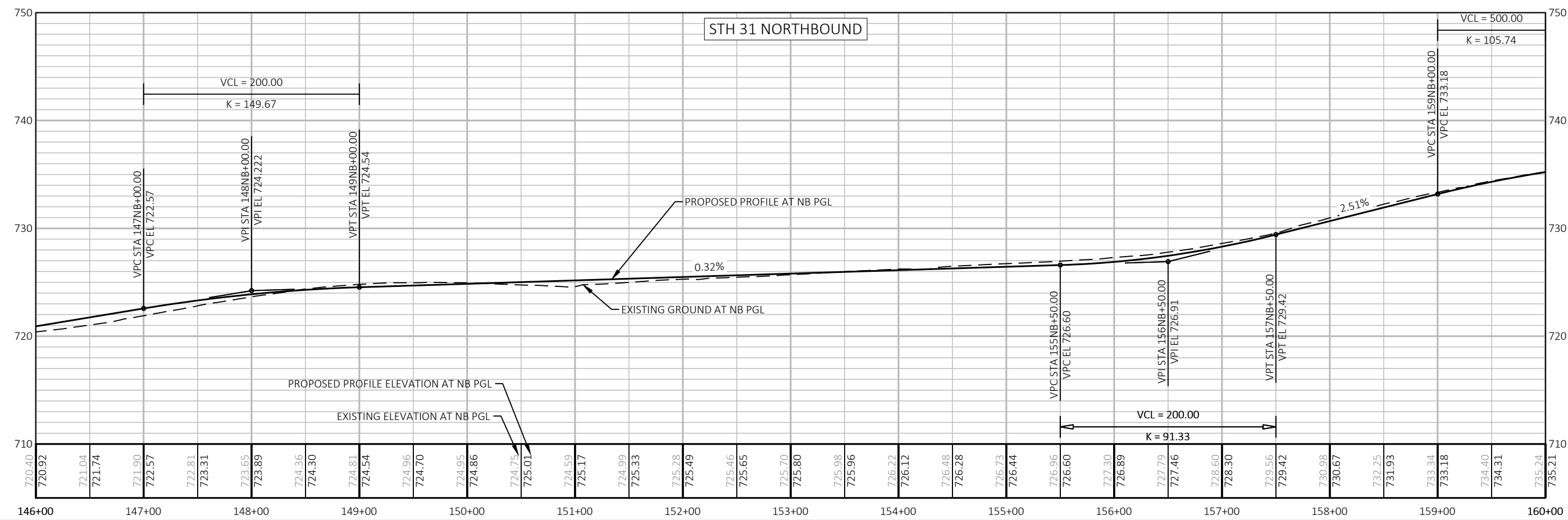


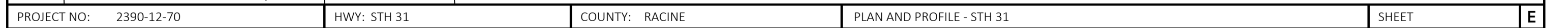
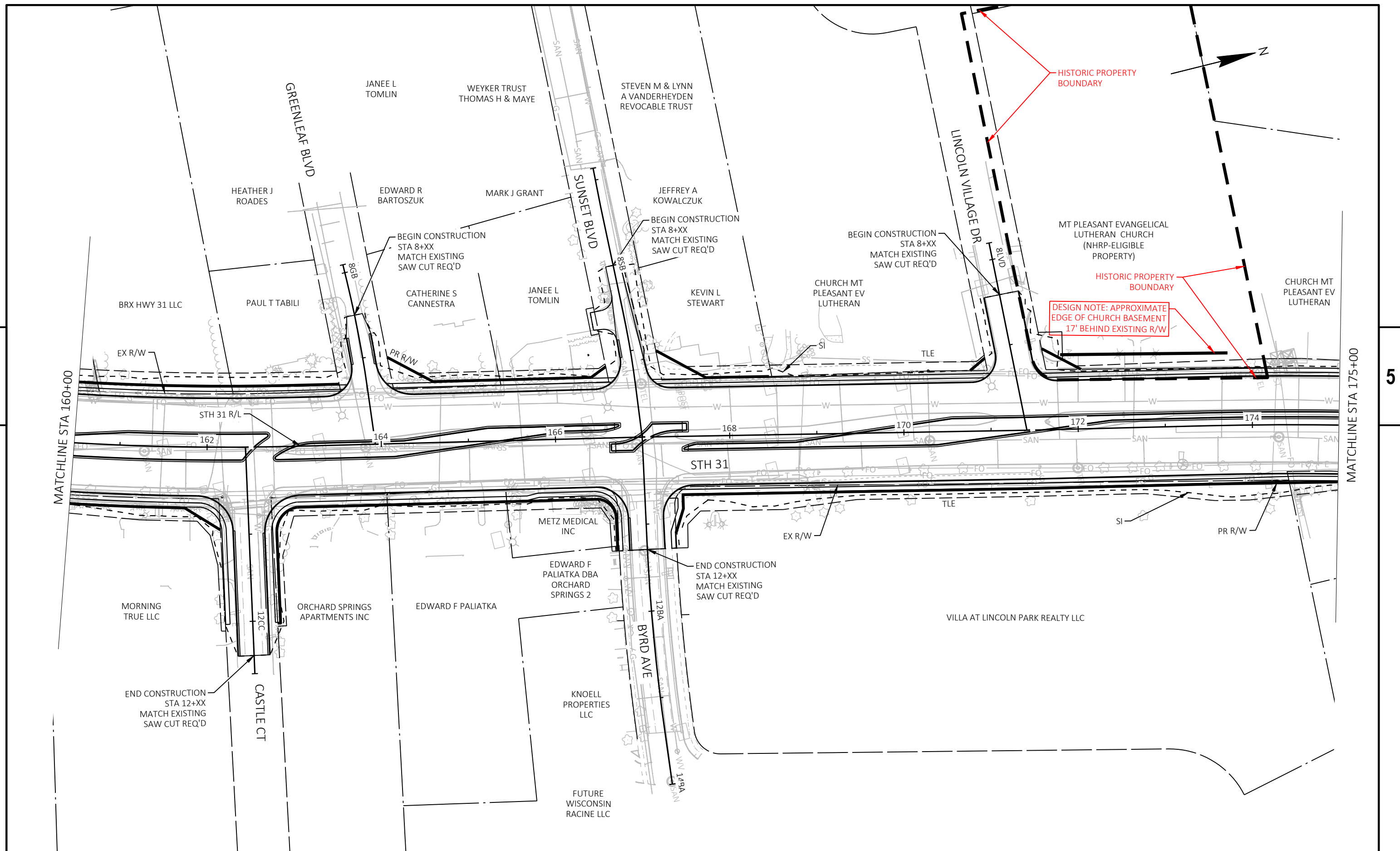
PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY: RACINE	PLAN AND PROFILE - STH 31	SHEET	E
------------------------	-------------	----------------	---------------------------	-------	---





PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY: RACINE	PLAN AND PROFILE - STH 31	SHEET	E
------------------------	-------------	----------------	---------------------------	-------	---





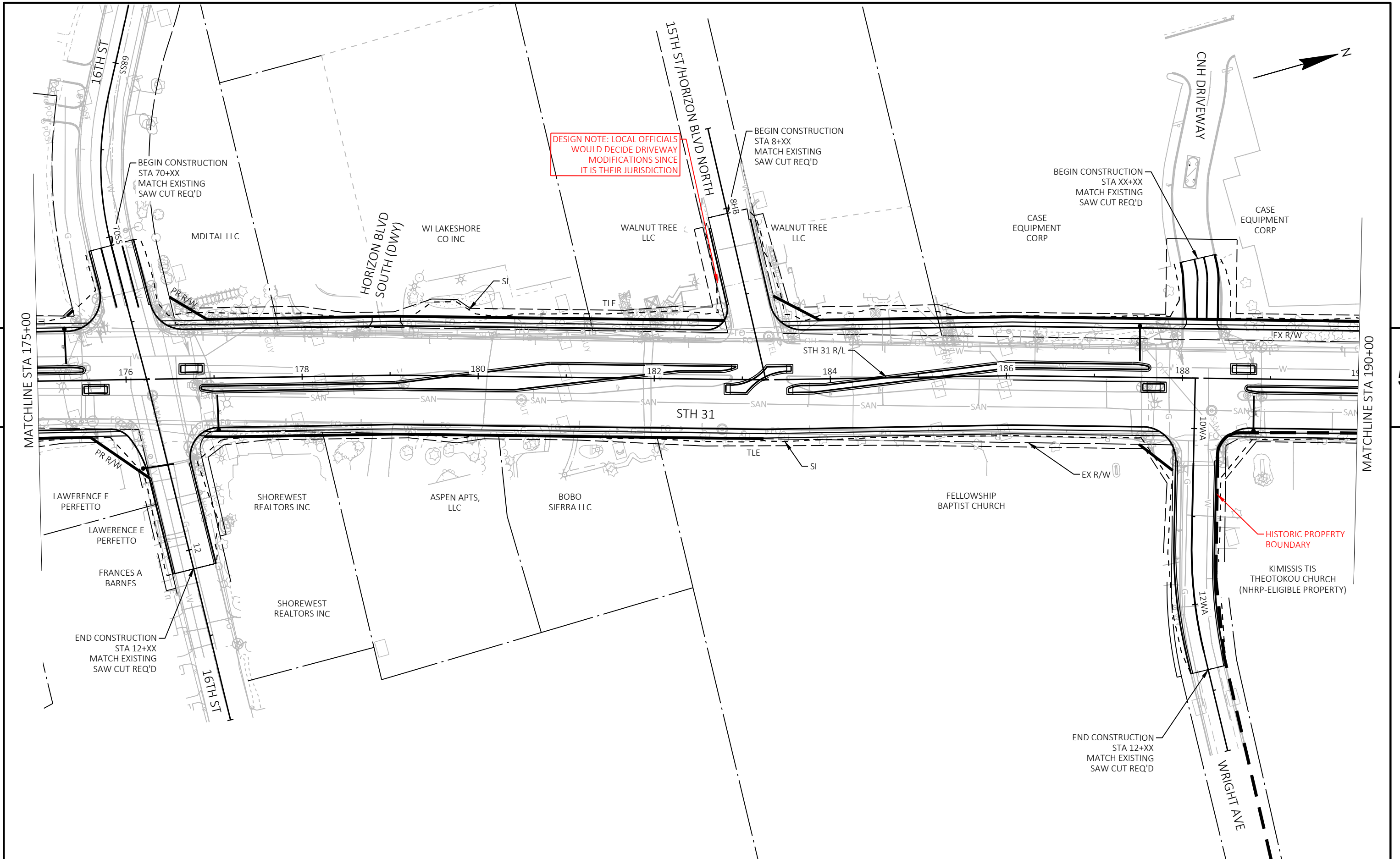
5



5

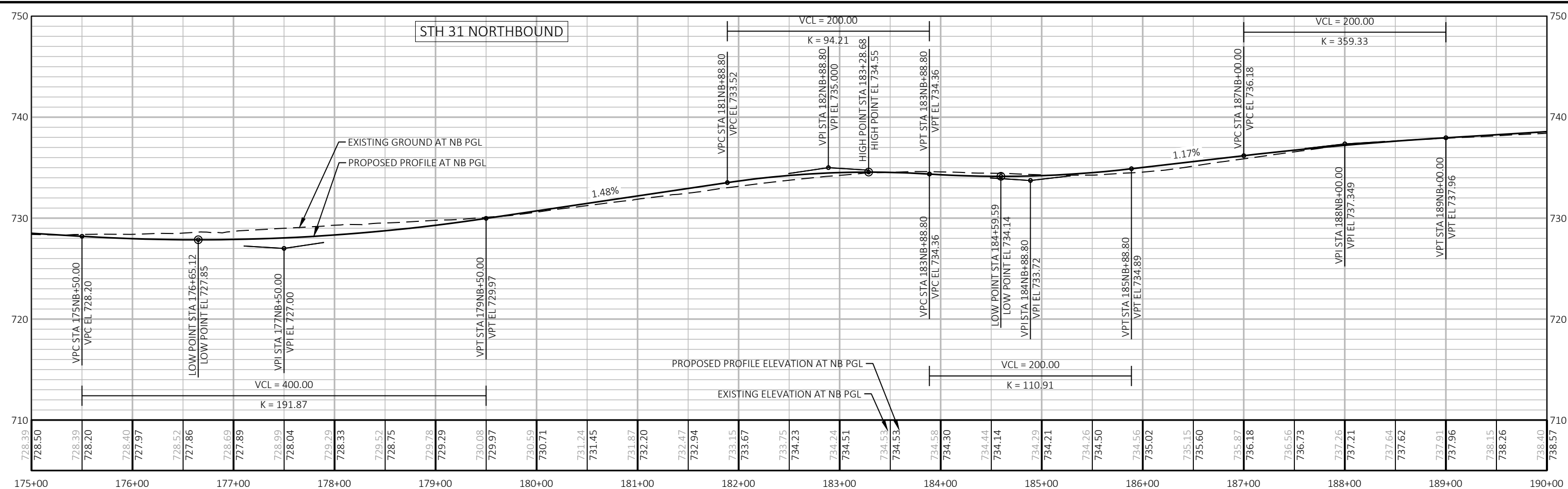


1

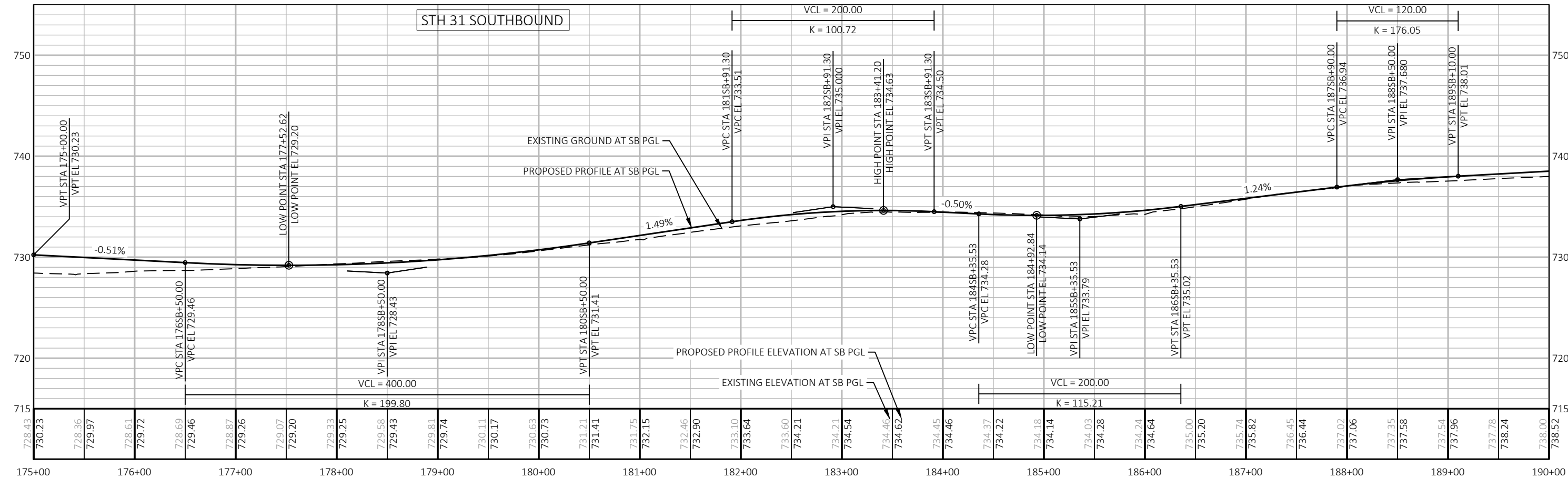


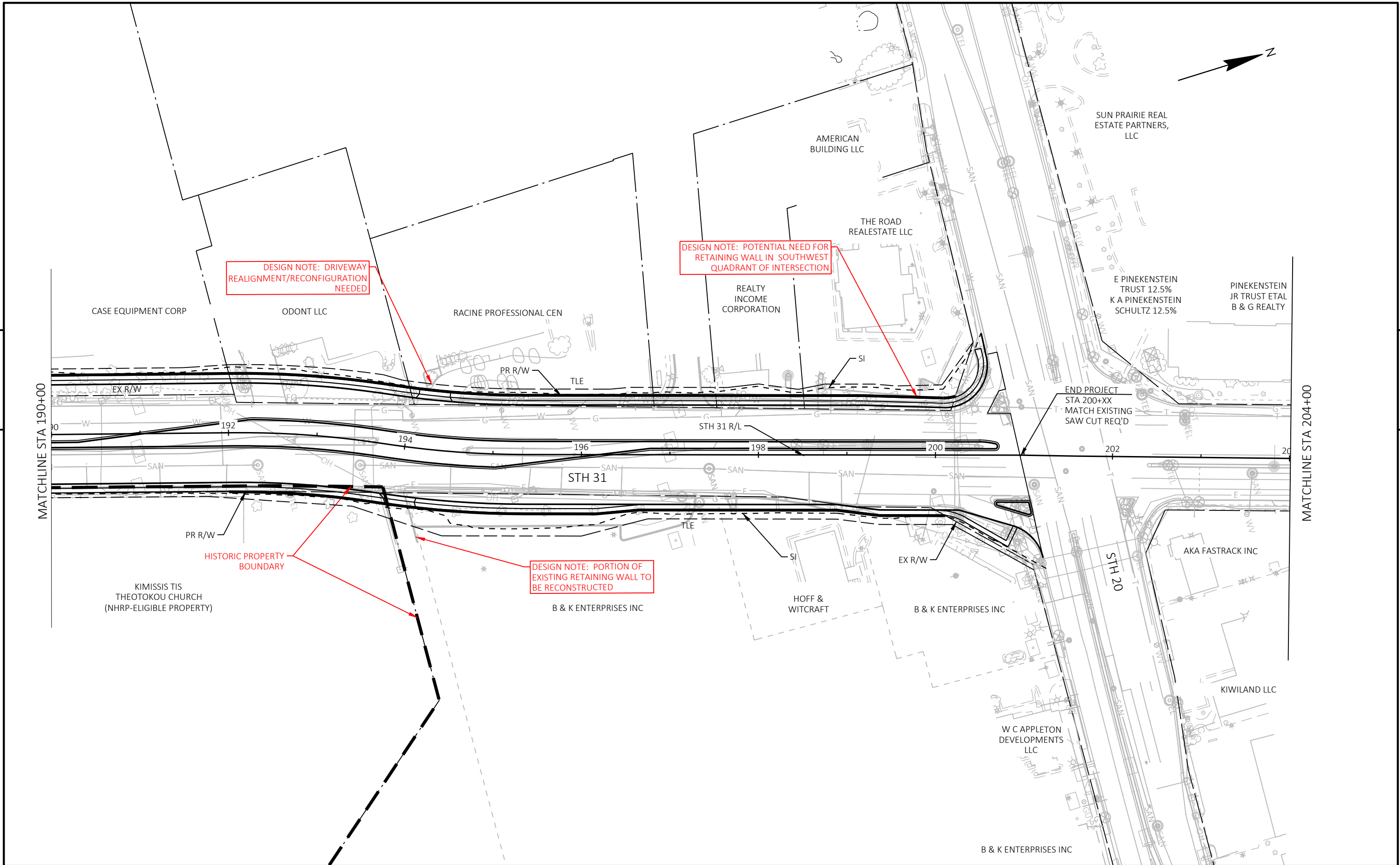
PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY: RACINE	PLAN AND PROFILE - STH 31	SHEET	E
------------------------	-------------	----------------	---------------------------	-------	---

5

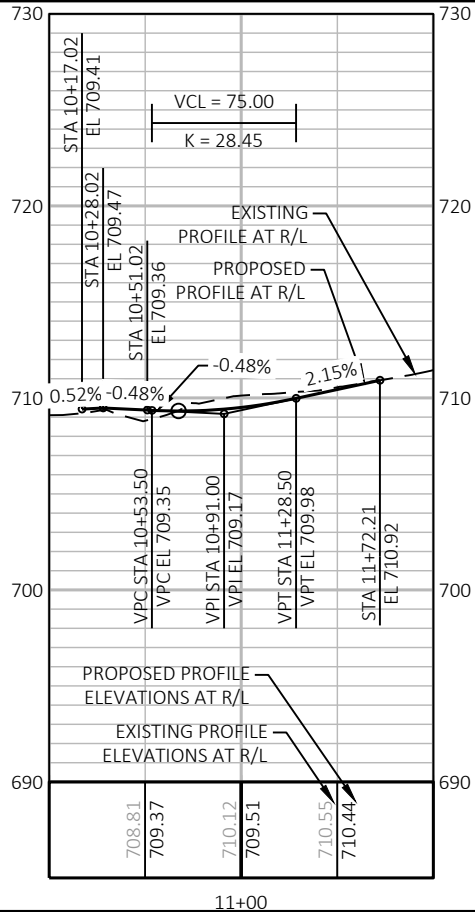
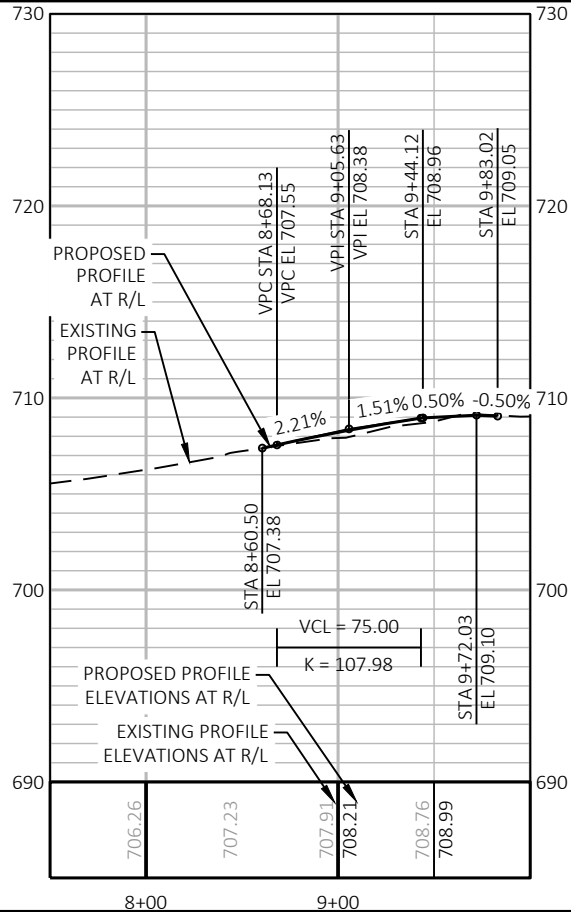
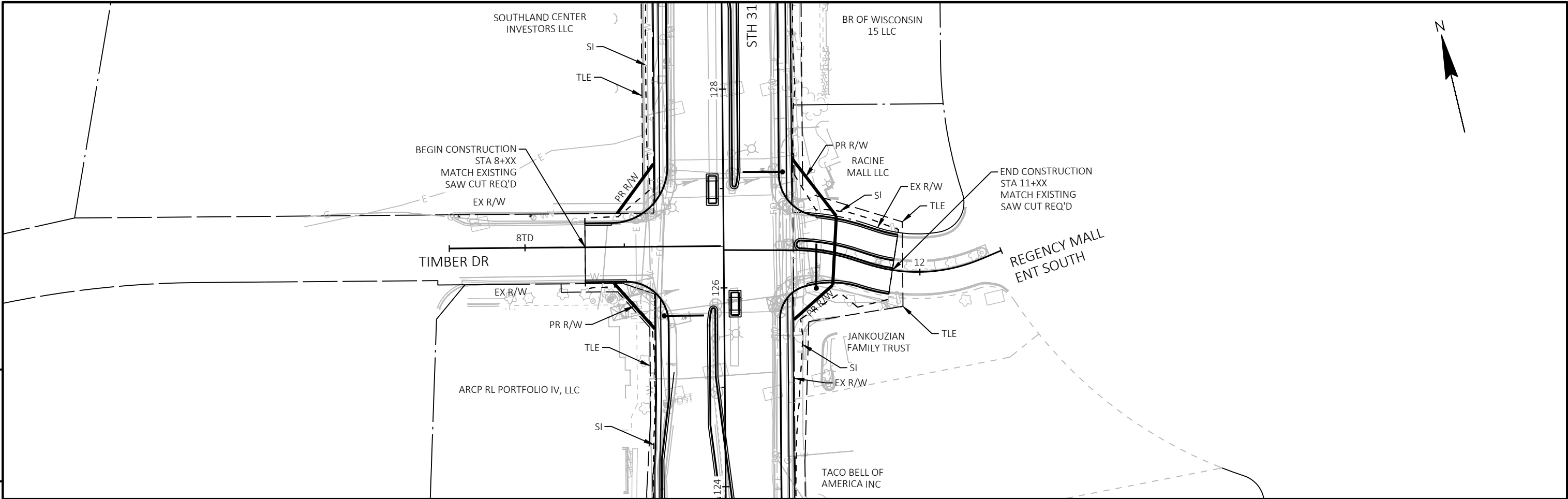


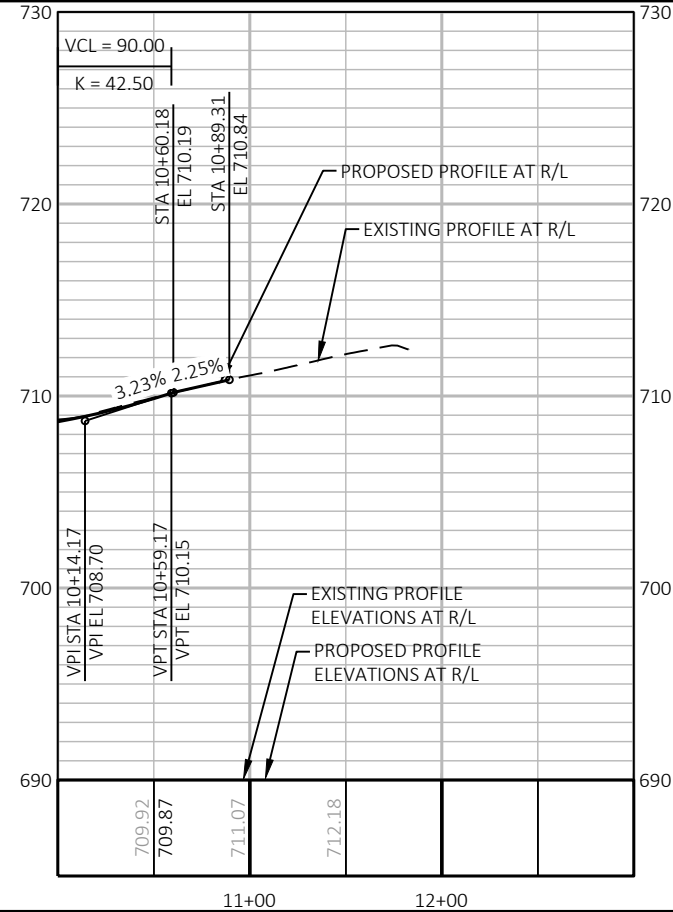
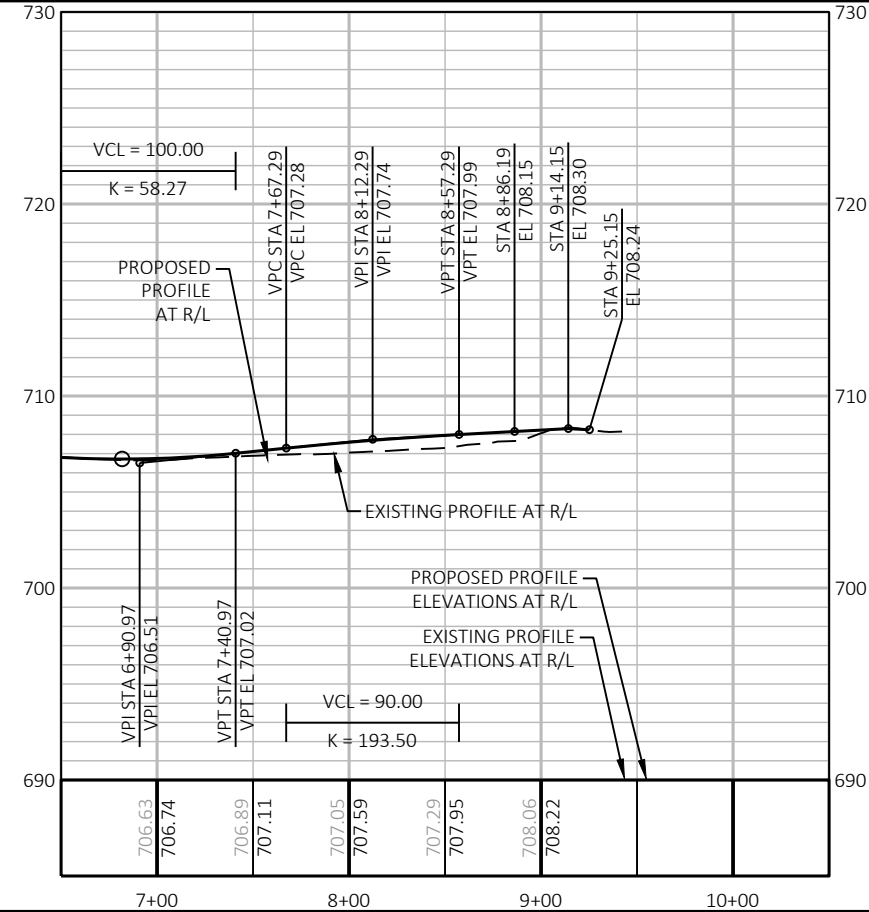
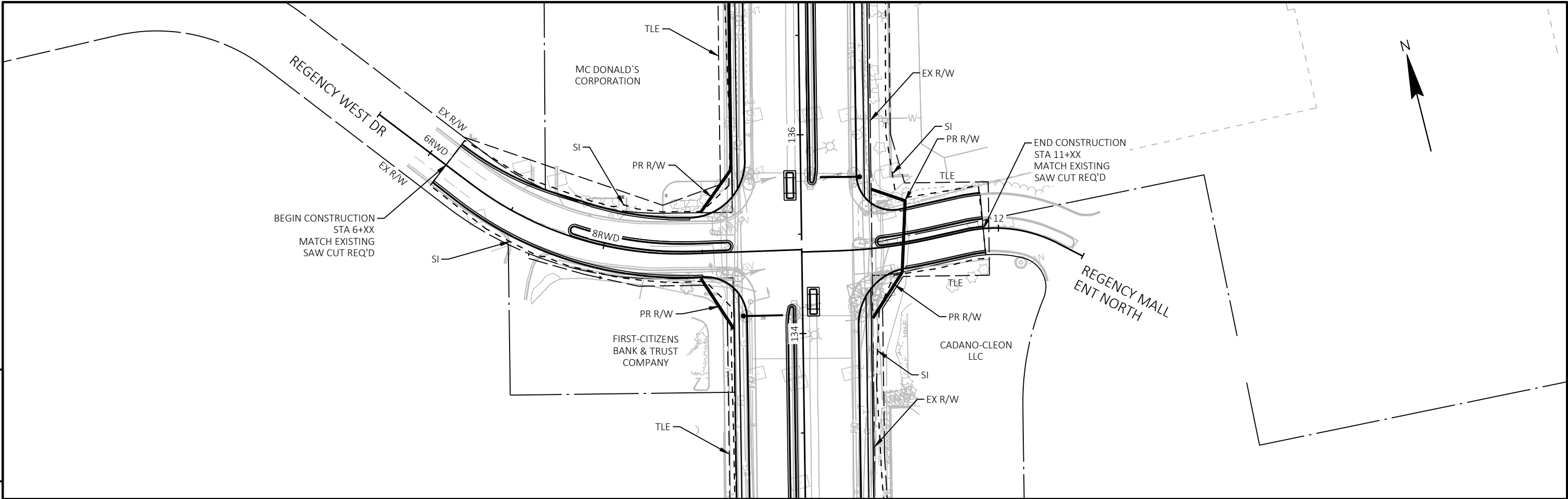
5

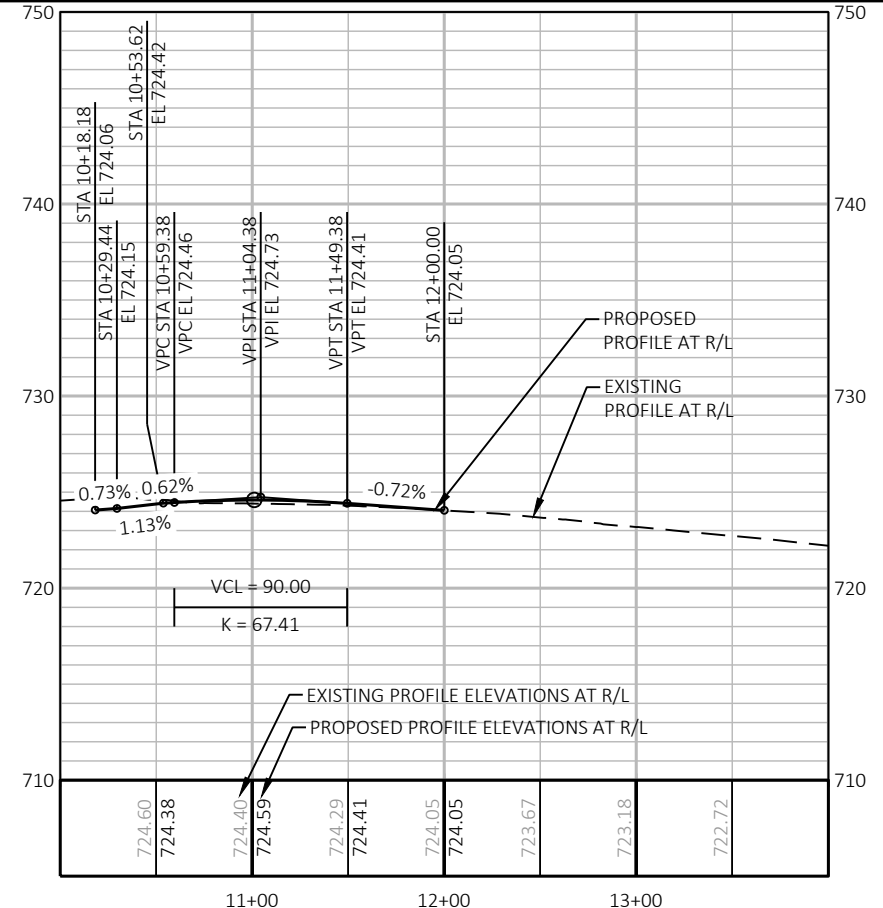
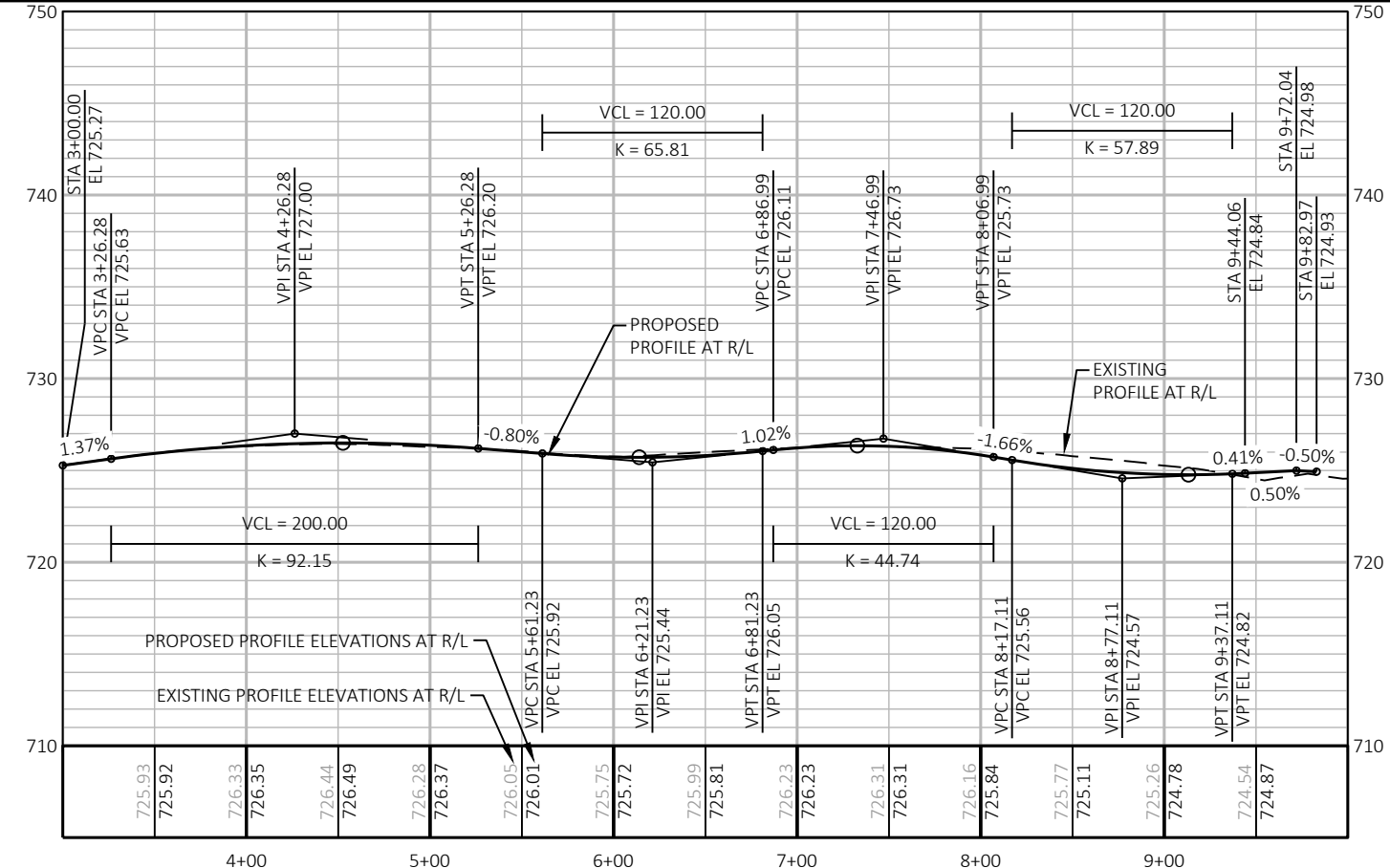
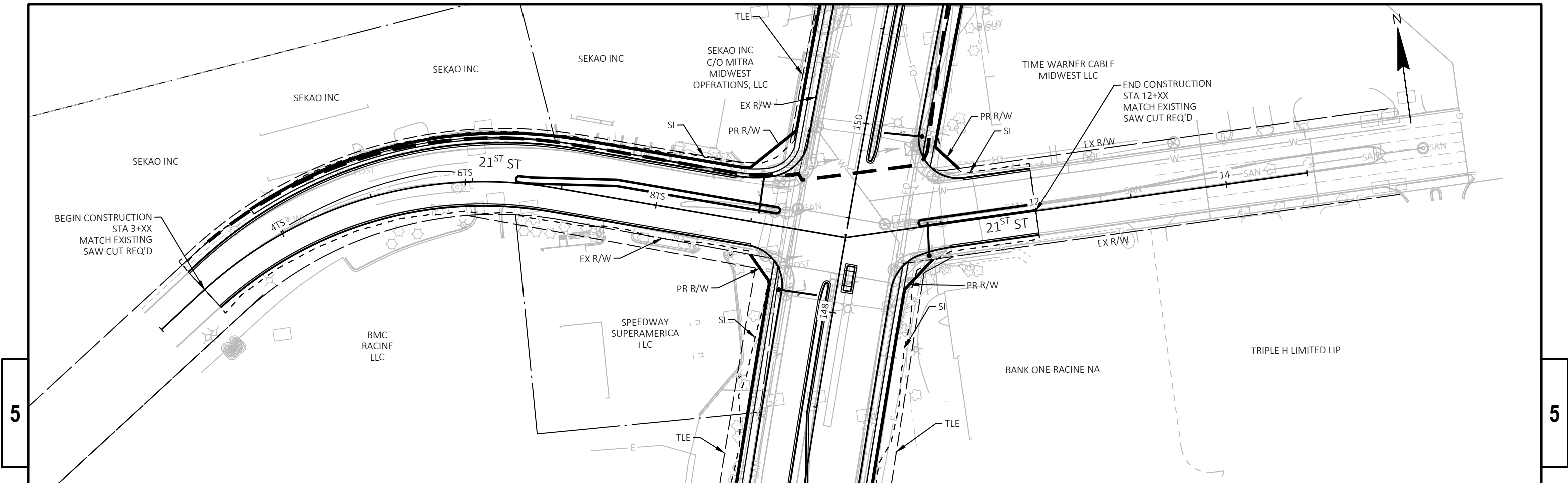


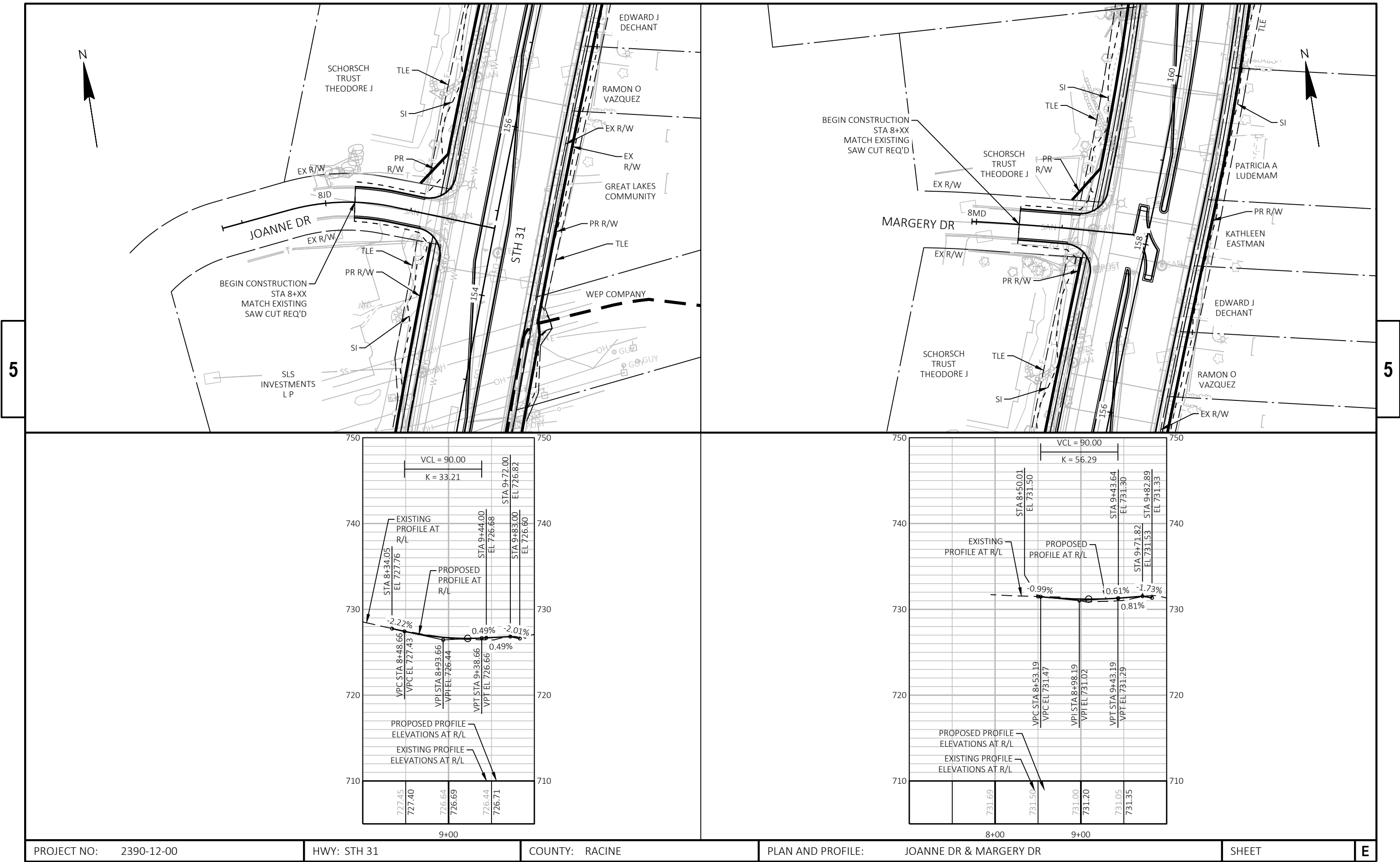


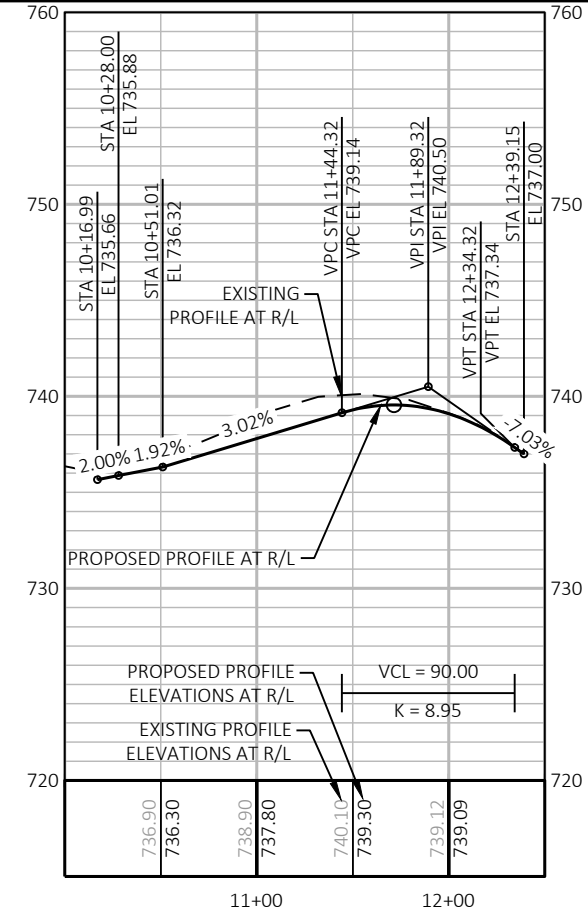
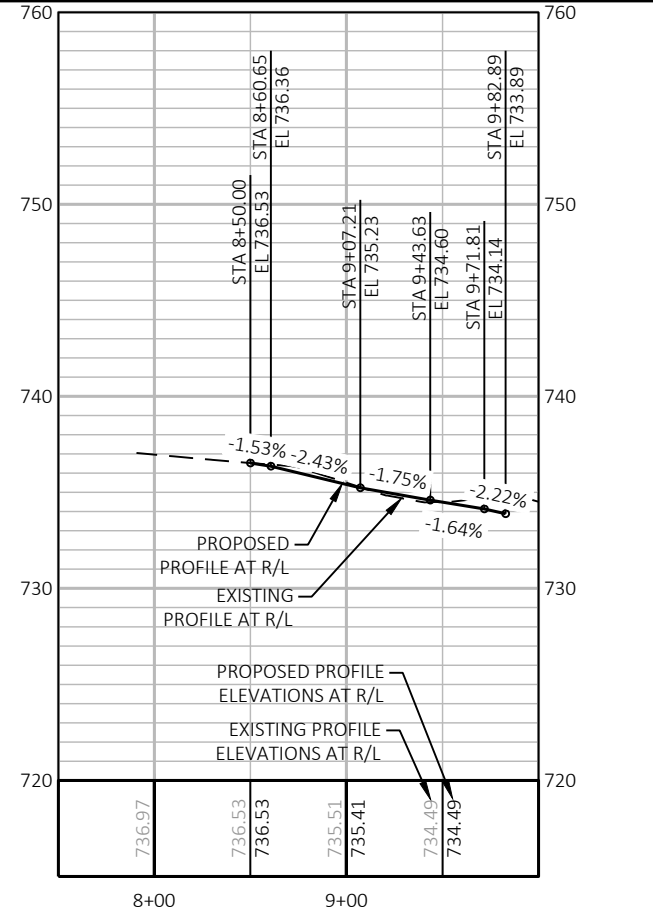
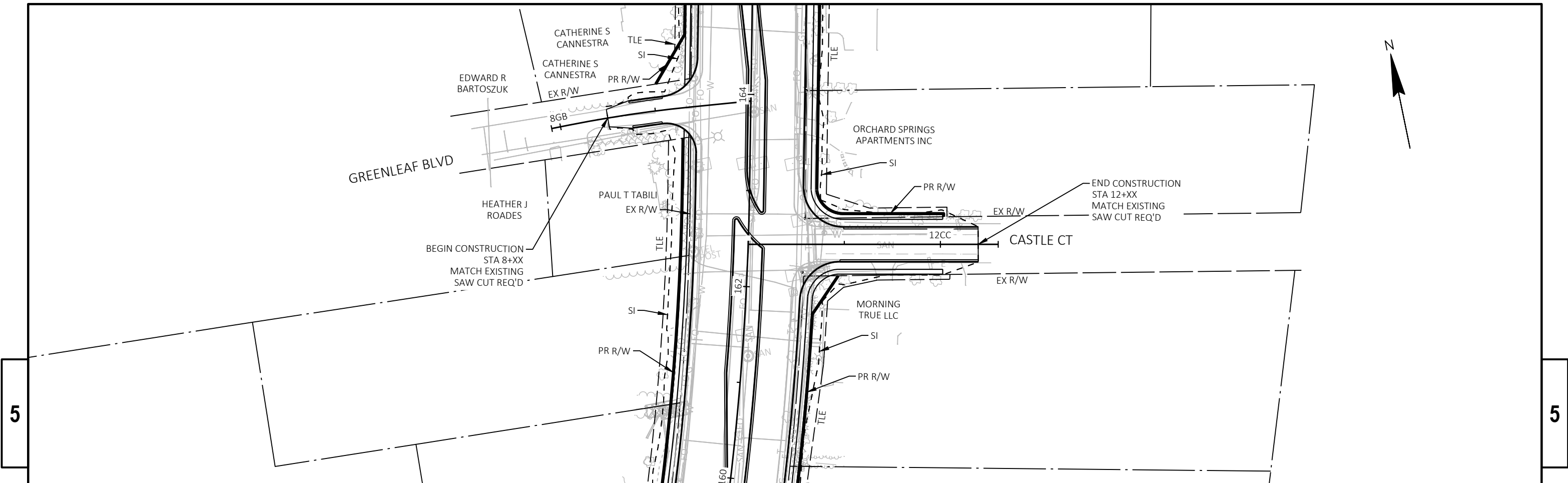
PROJECT NO: 2390-12-70	HWY: STH 31	COUNTY: RACINE	PLAN AND PROFILE - STH 31	SHEET	E
------------------------	-------------	----------------	---------------------------	-------	---

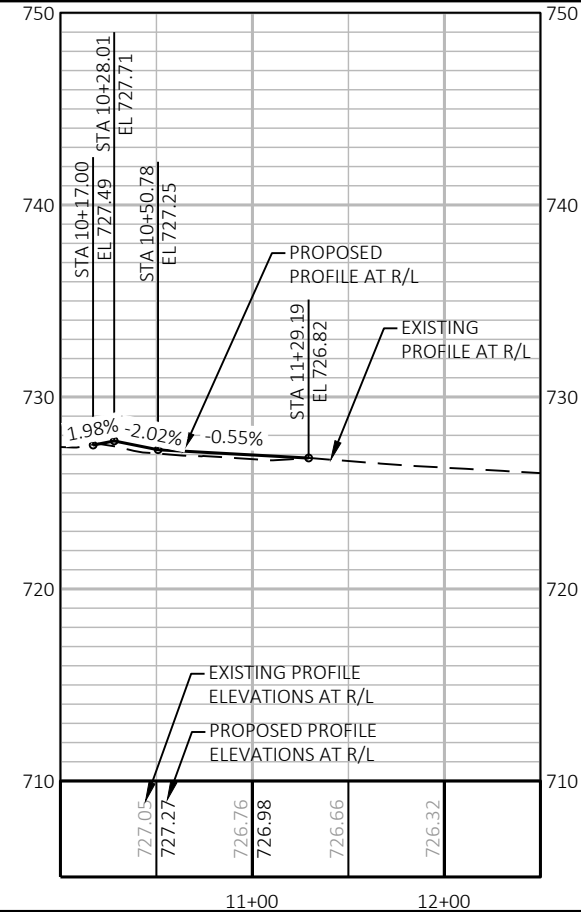
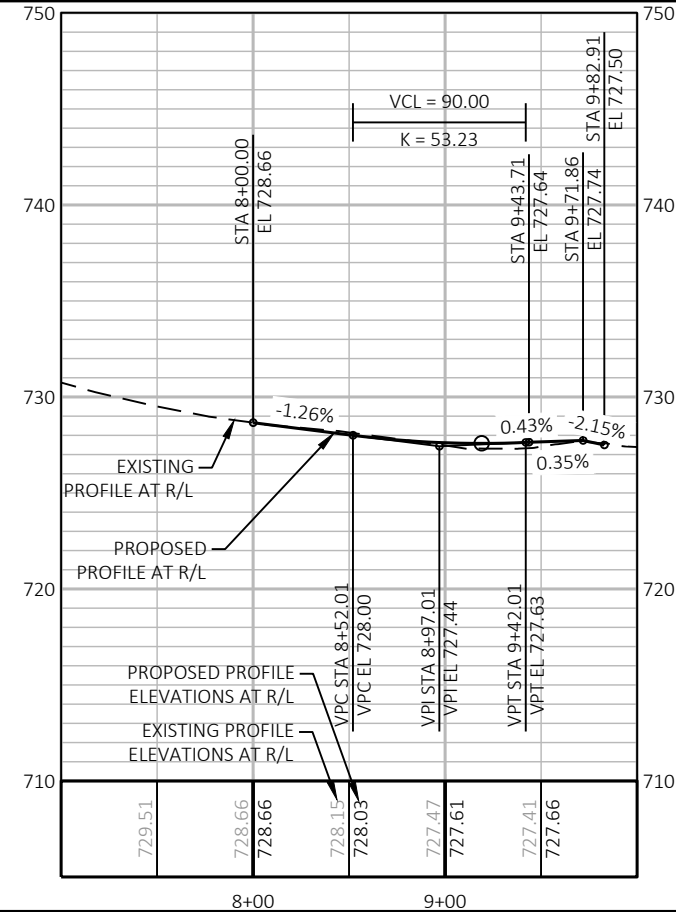
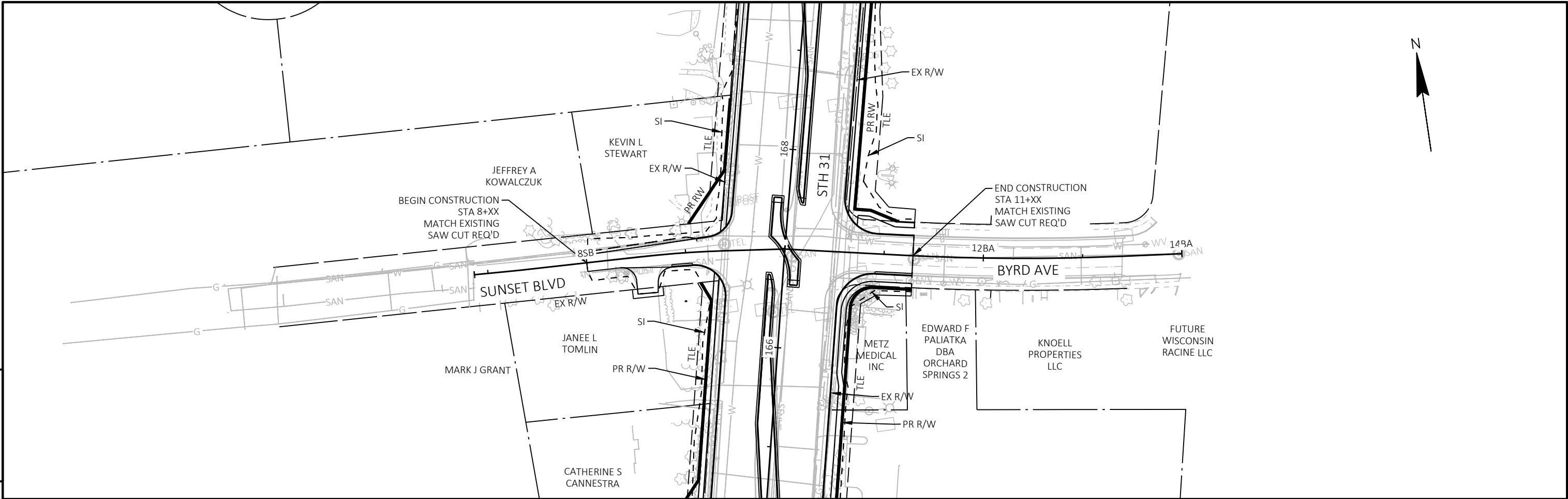


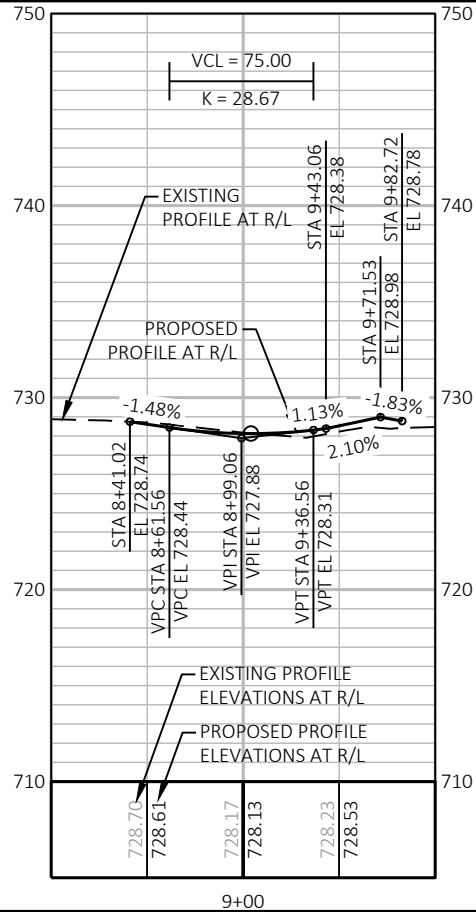
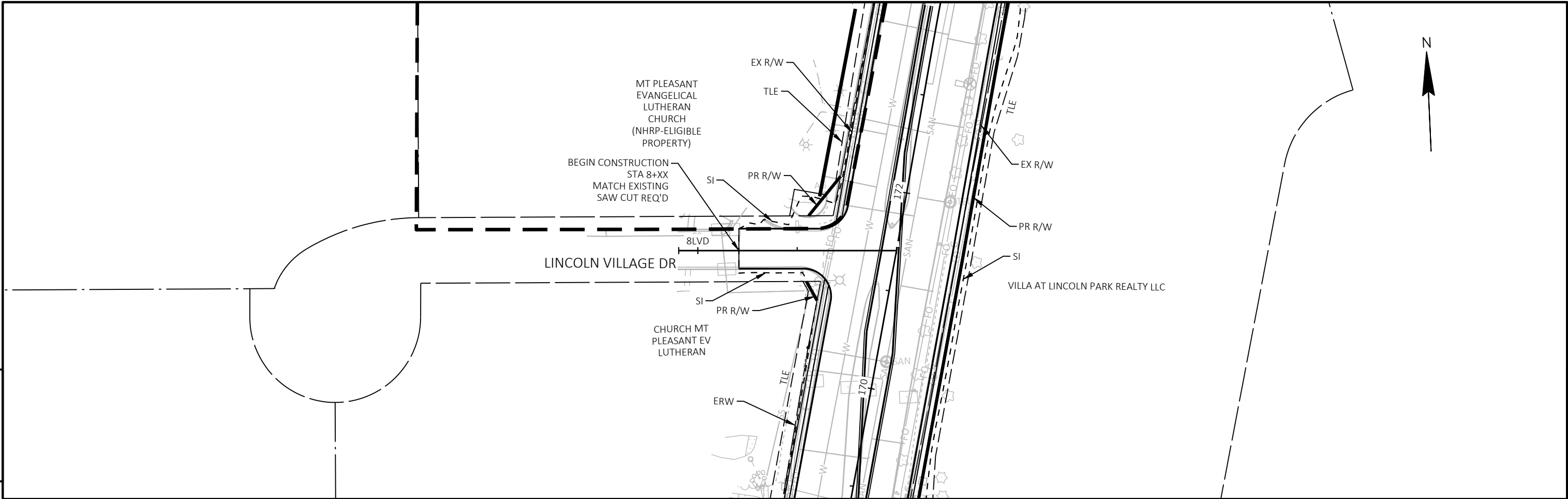


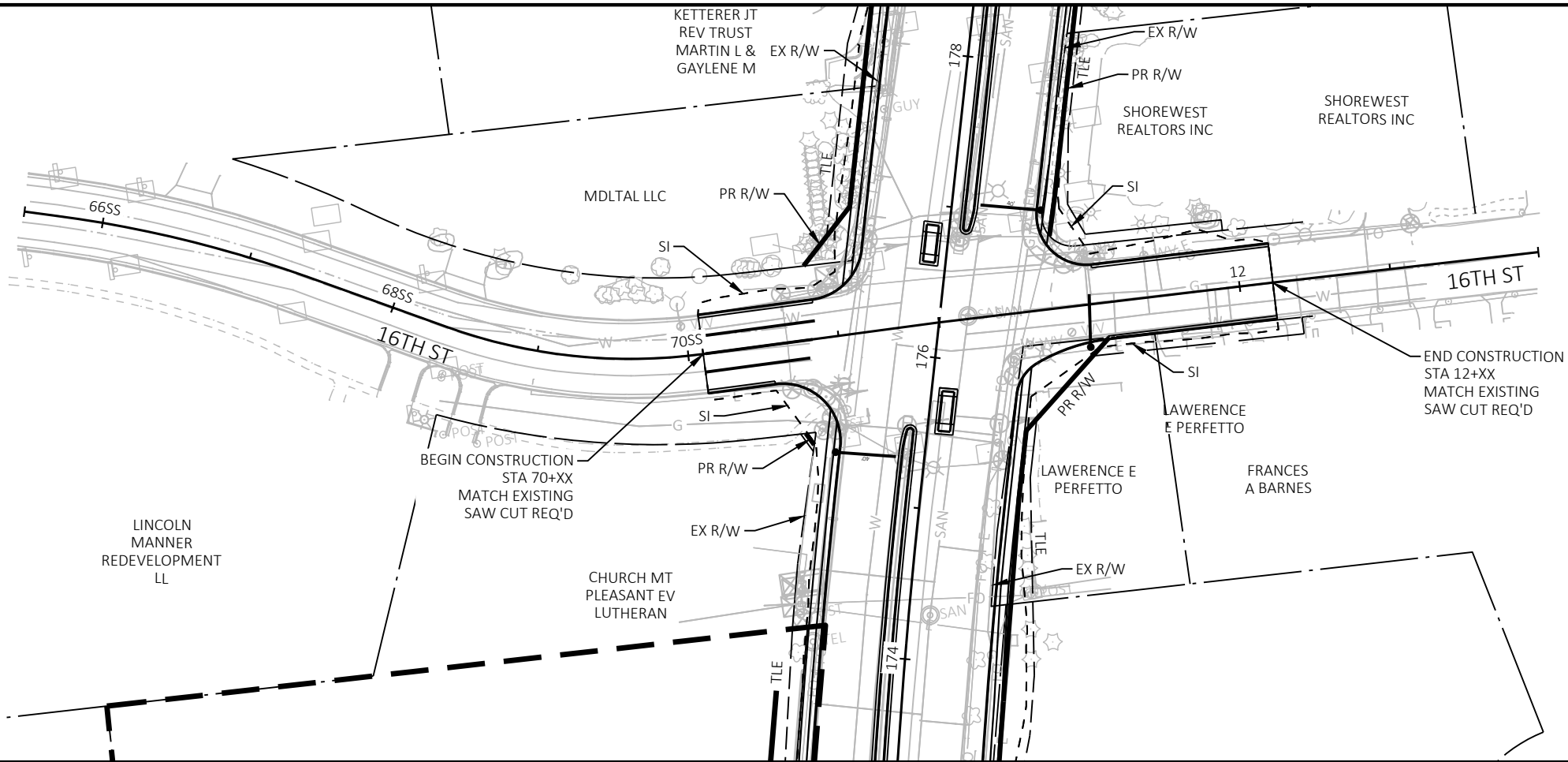






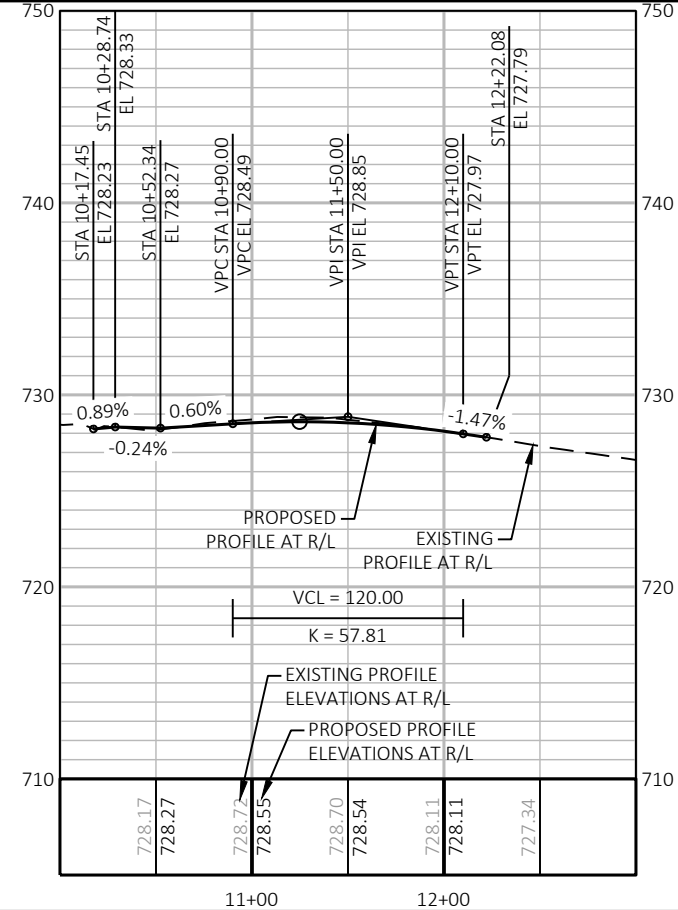
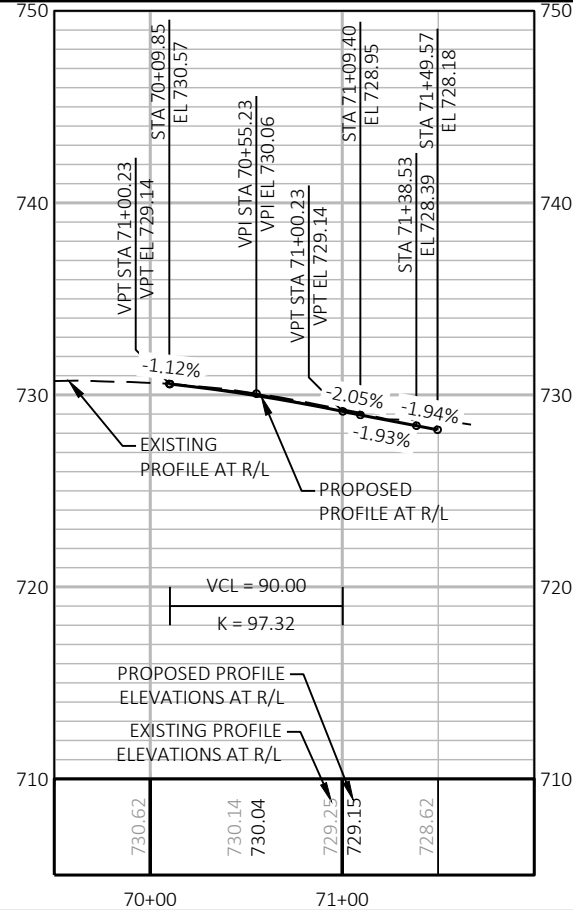






5

5



PROJECT NO: 2390-12-00

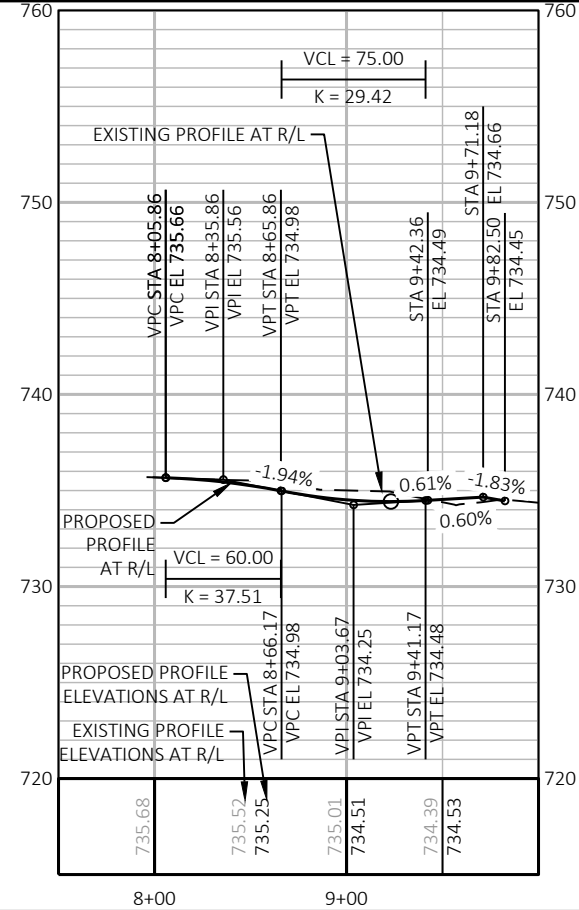
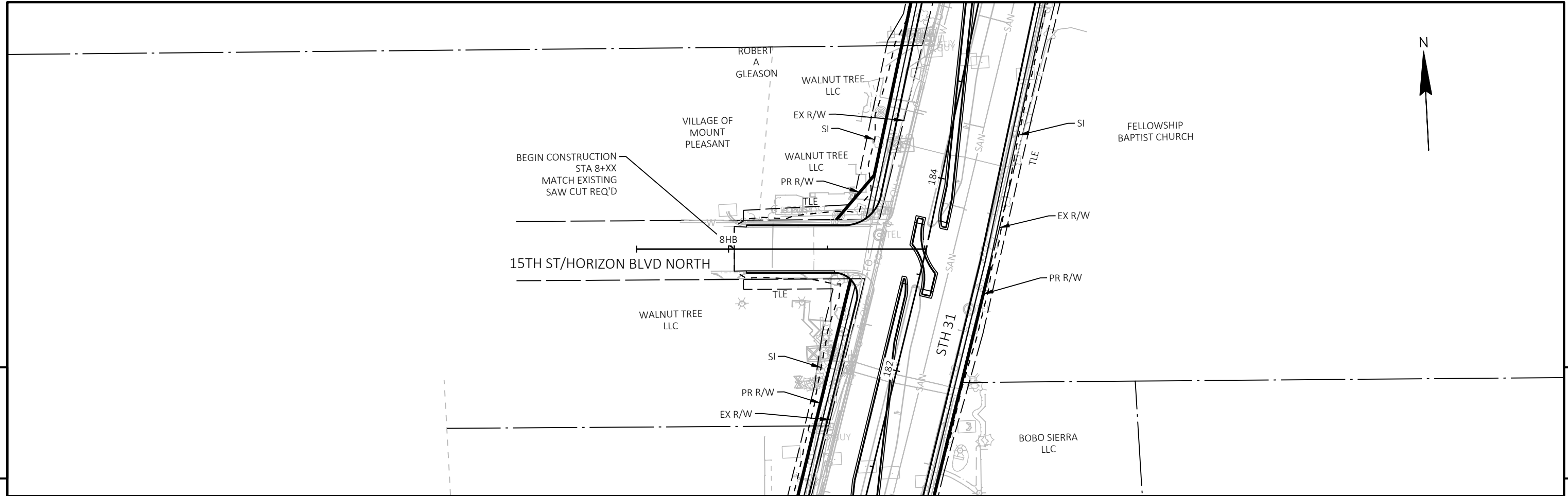
HWY: STH 31

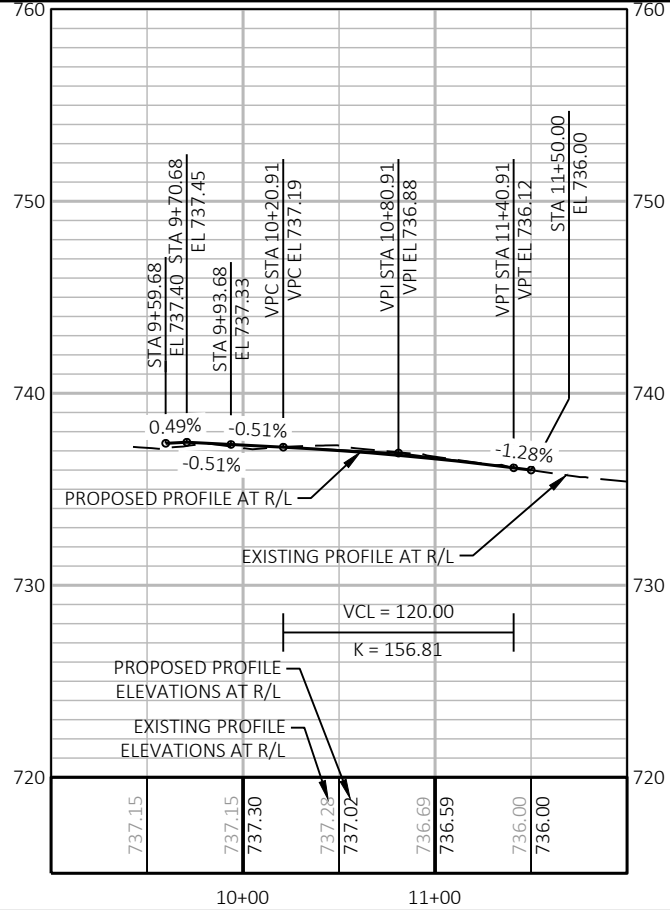
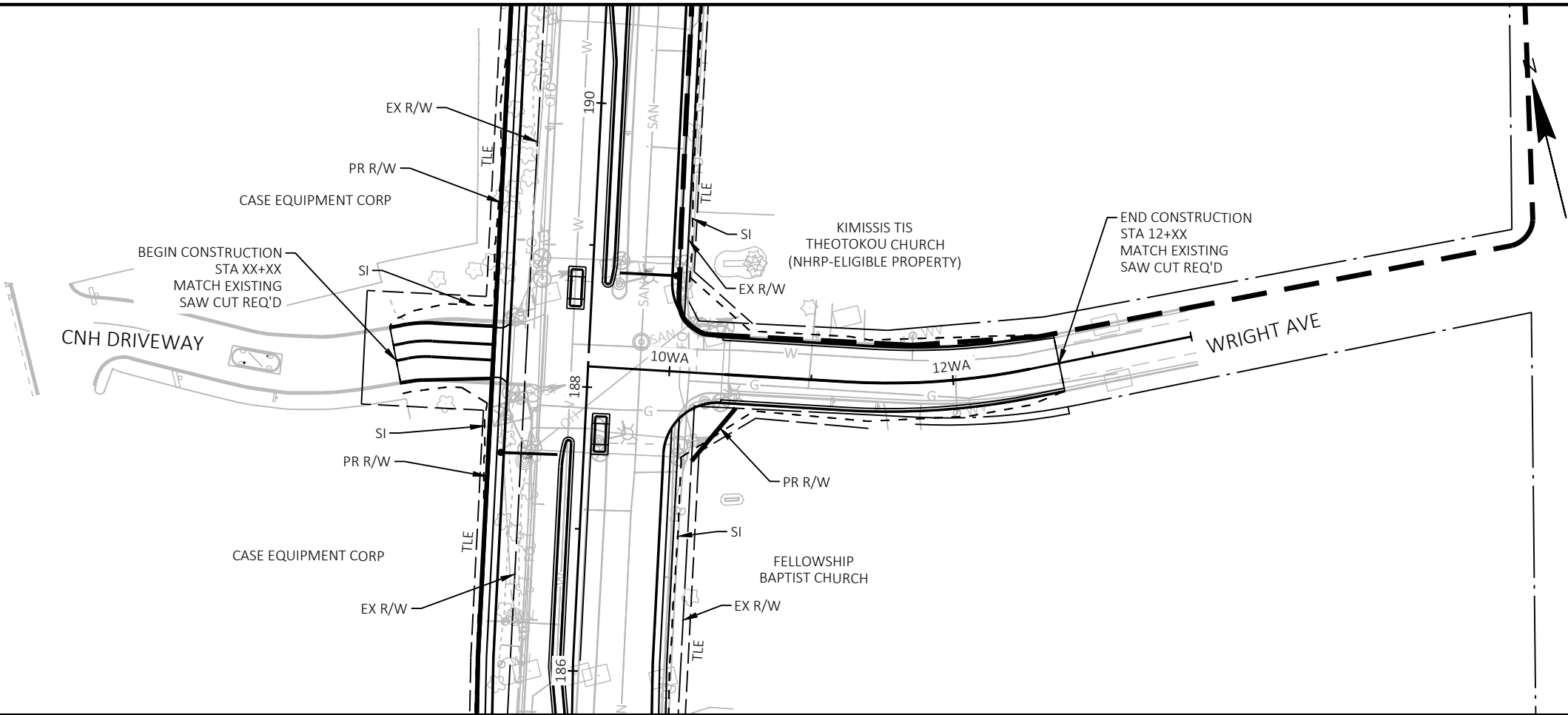
COUNTY: RACINE

PLAN AND PROFILE: 16TH ST

SHEET

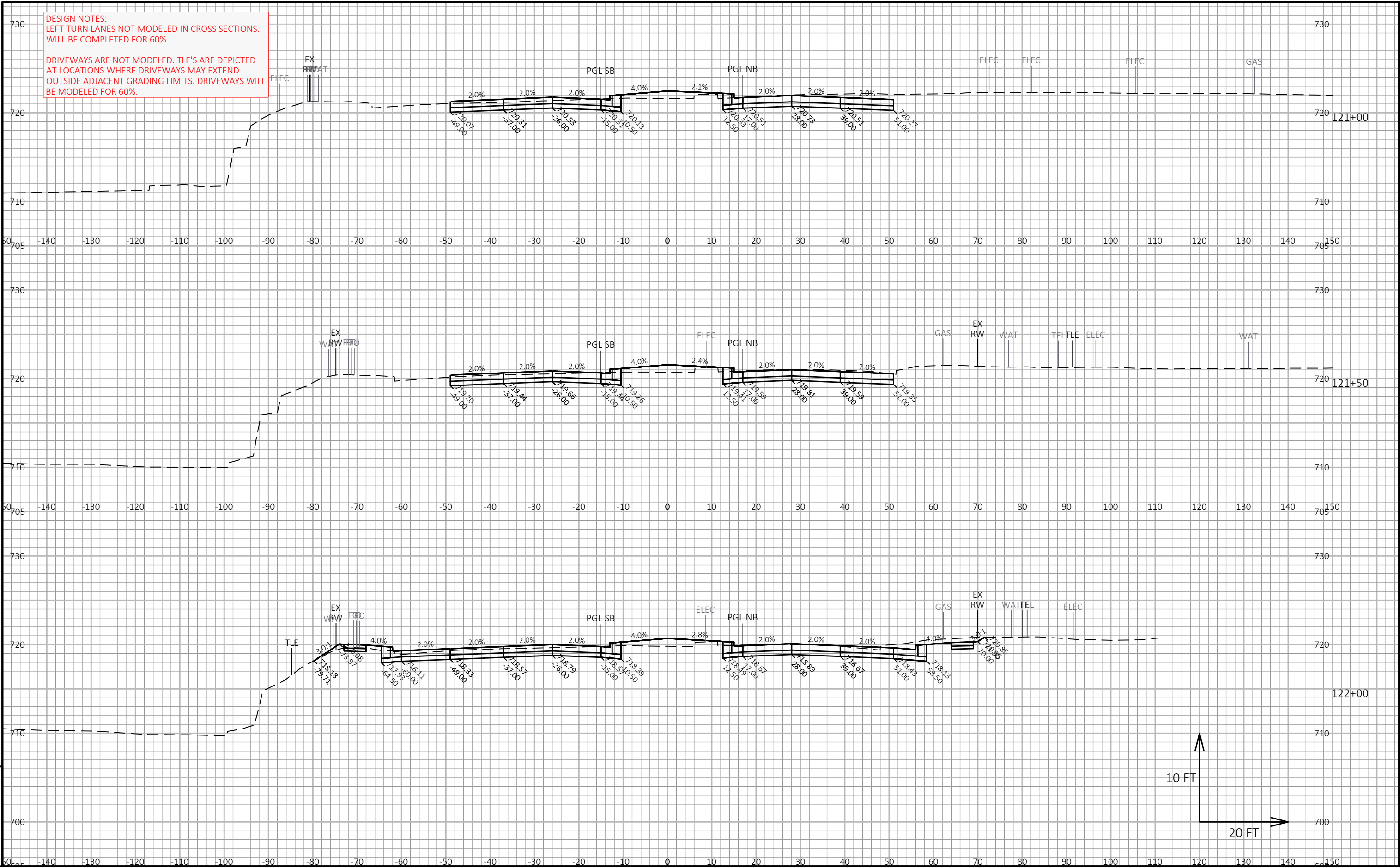
E





DESIGN NOTES:
LEFT TURN LANES NOT MODELED IN CROSS SECTIONS.
WILL BE COMPLETED FOR 60%.

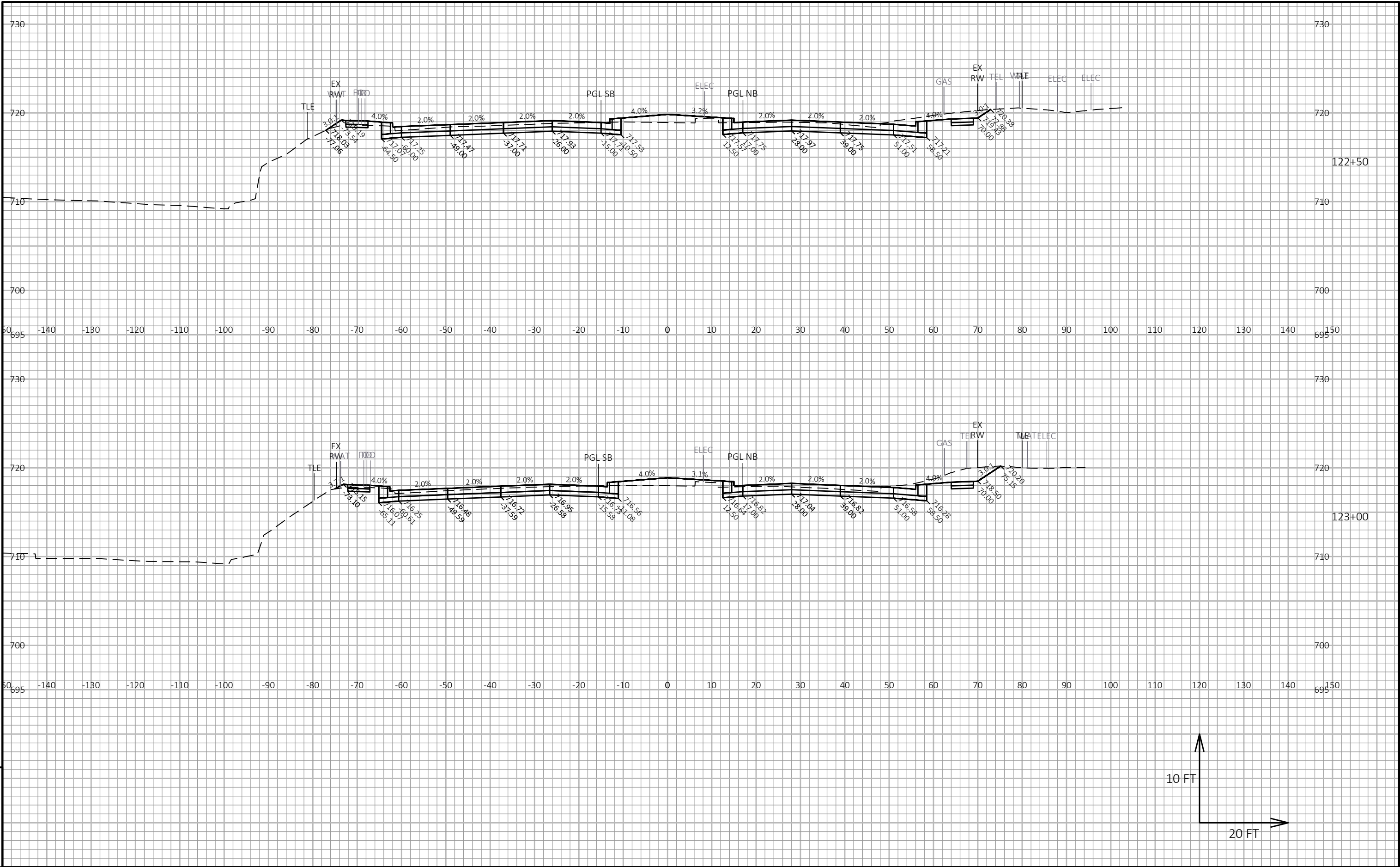
DRIVEWAYS ARE NOT MODELED. TLE'S ARE DEPICTED
AT LOCATIONS WHERE DRIVEWAYS MAY EXTEND
OUTSIDE ADJACENT GRADING LIMITS. DRIVEWAYS WILL
BE MODELED FOR 60%.

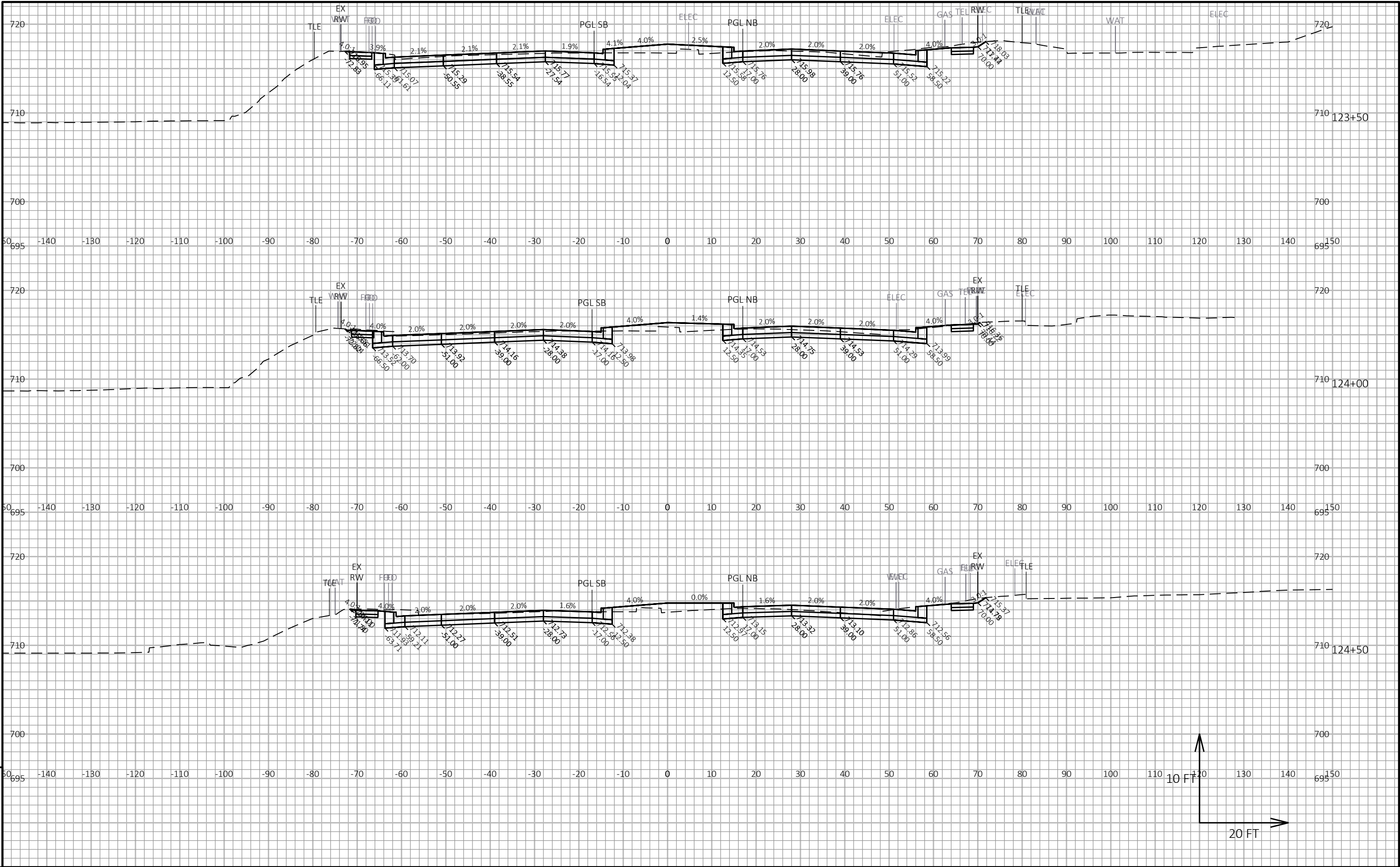


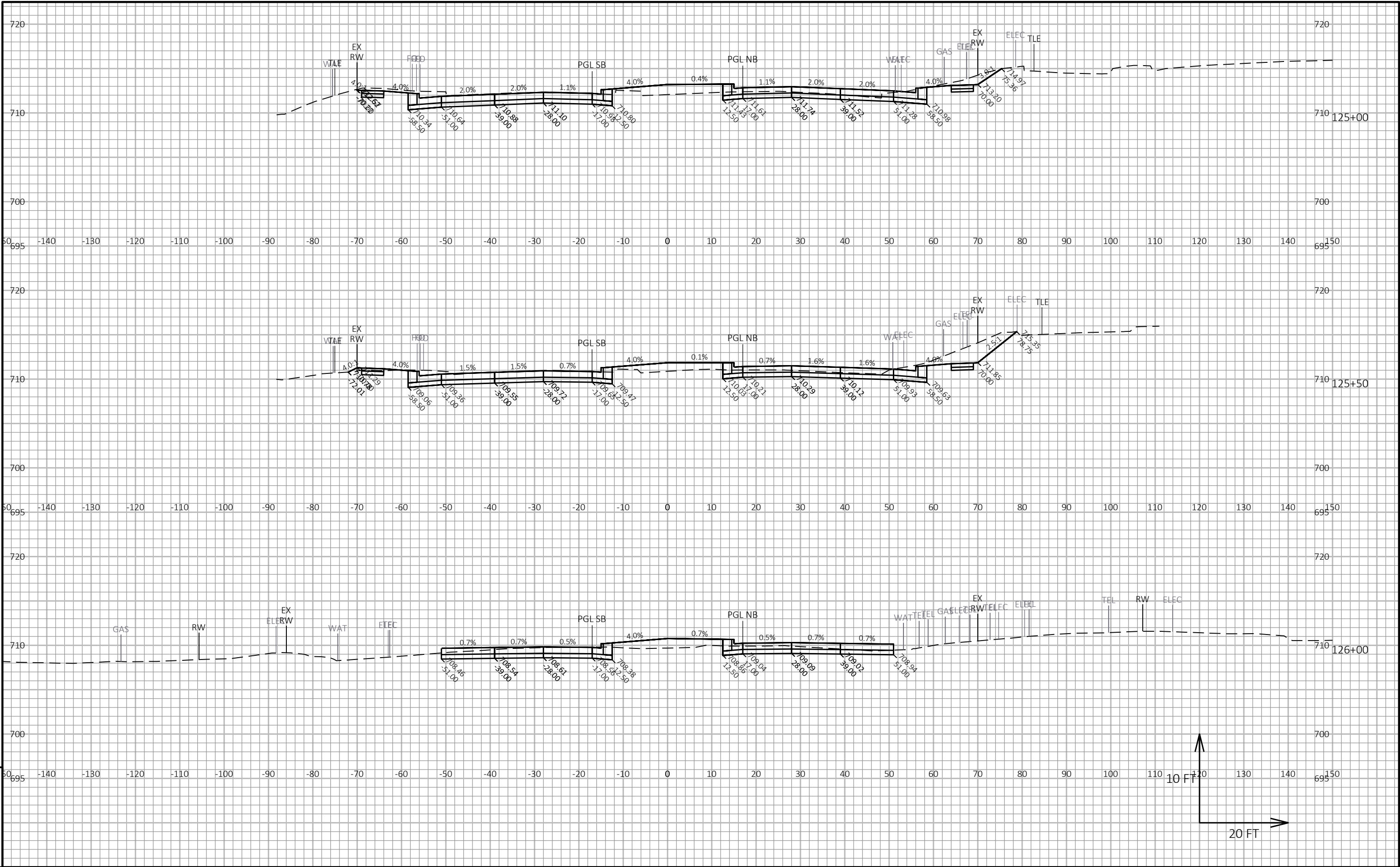
9

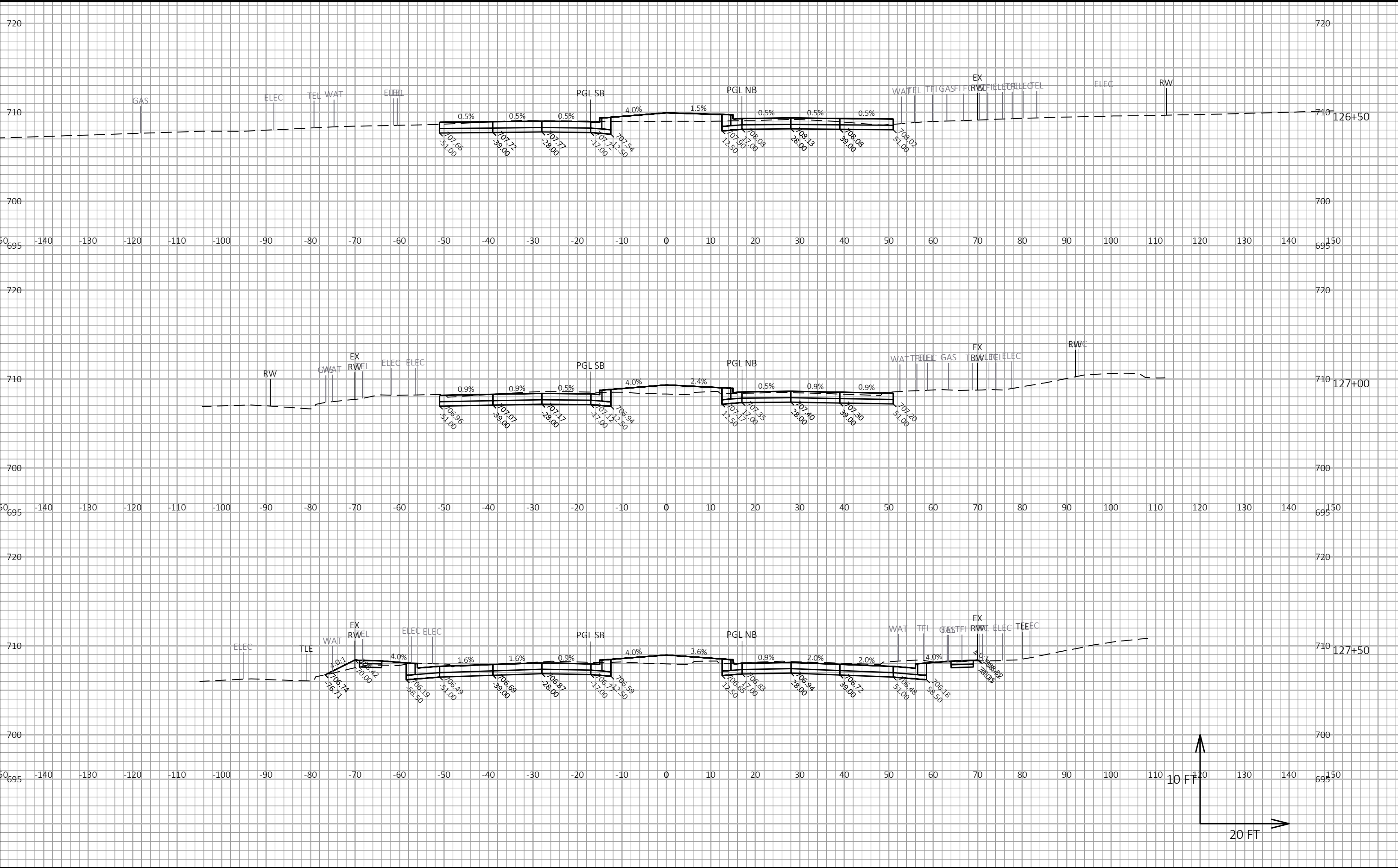
9

PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET E
------------------------	-------------	----------------	------------------------	---------

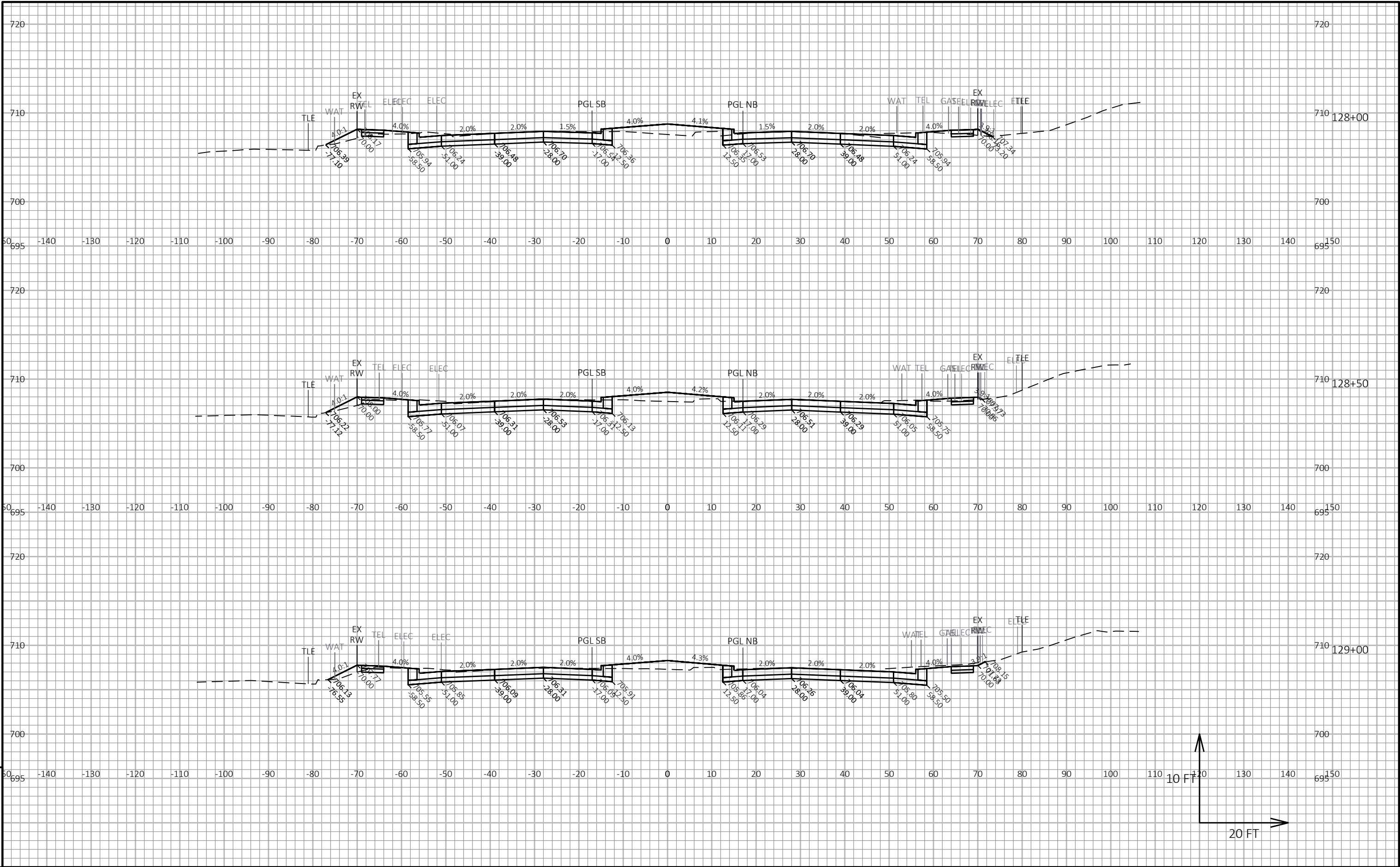


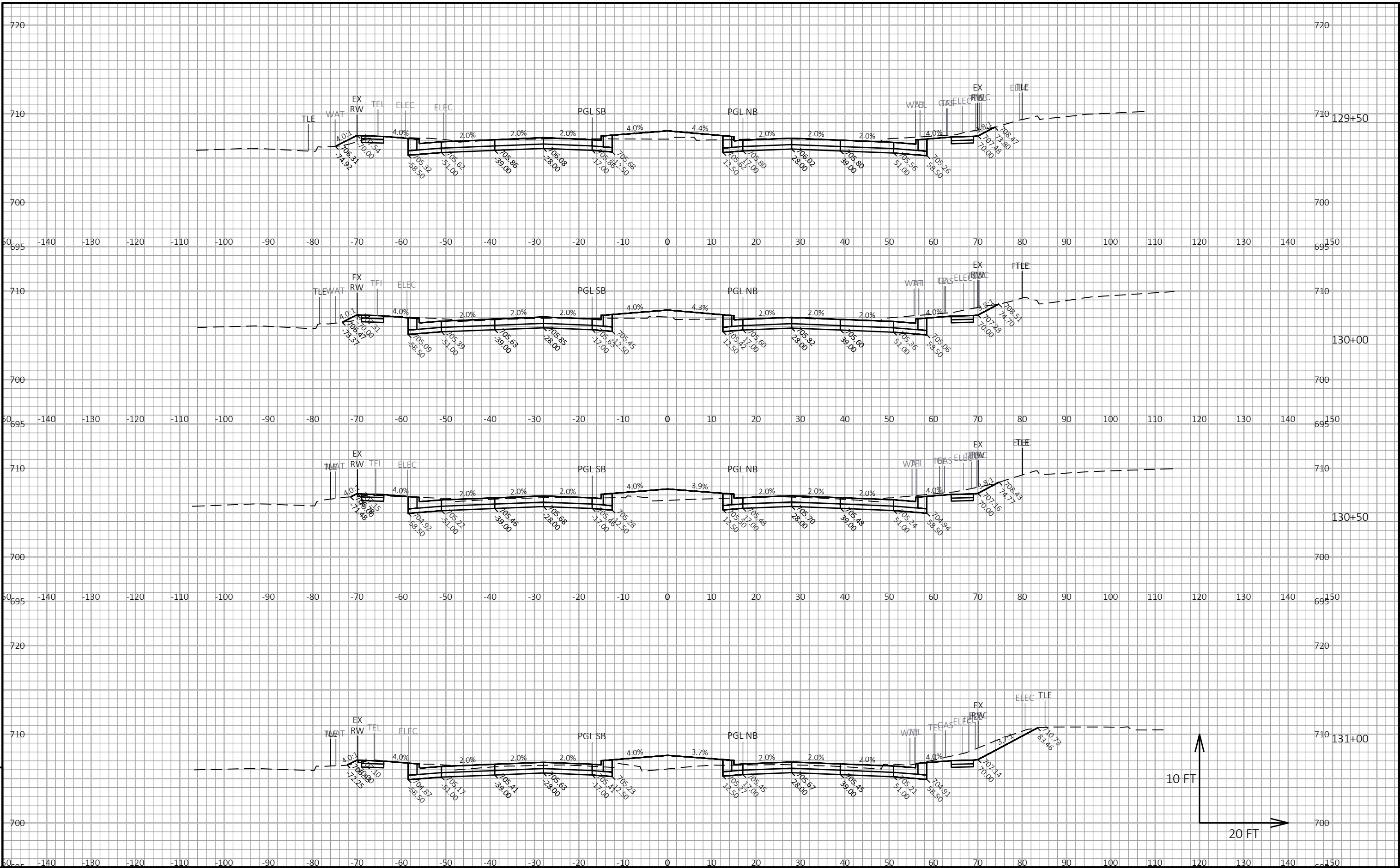




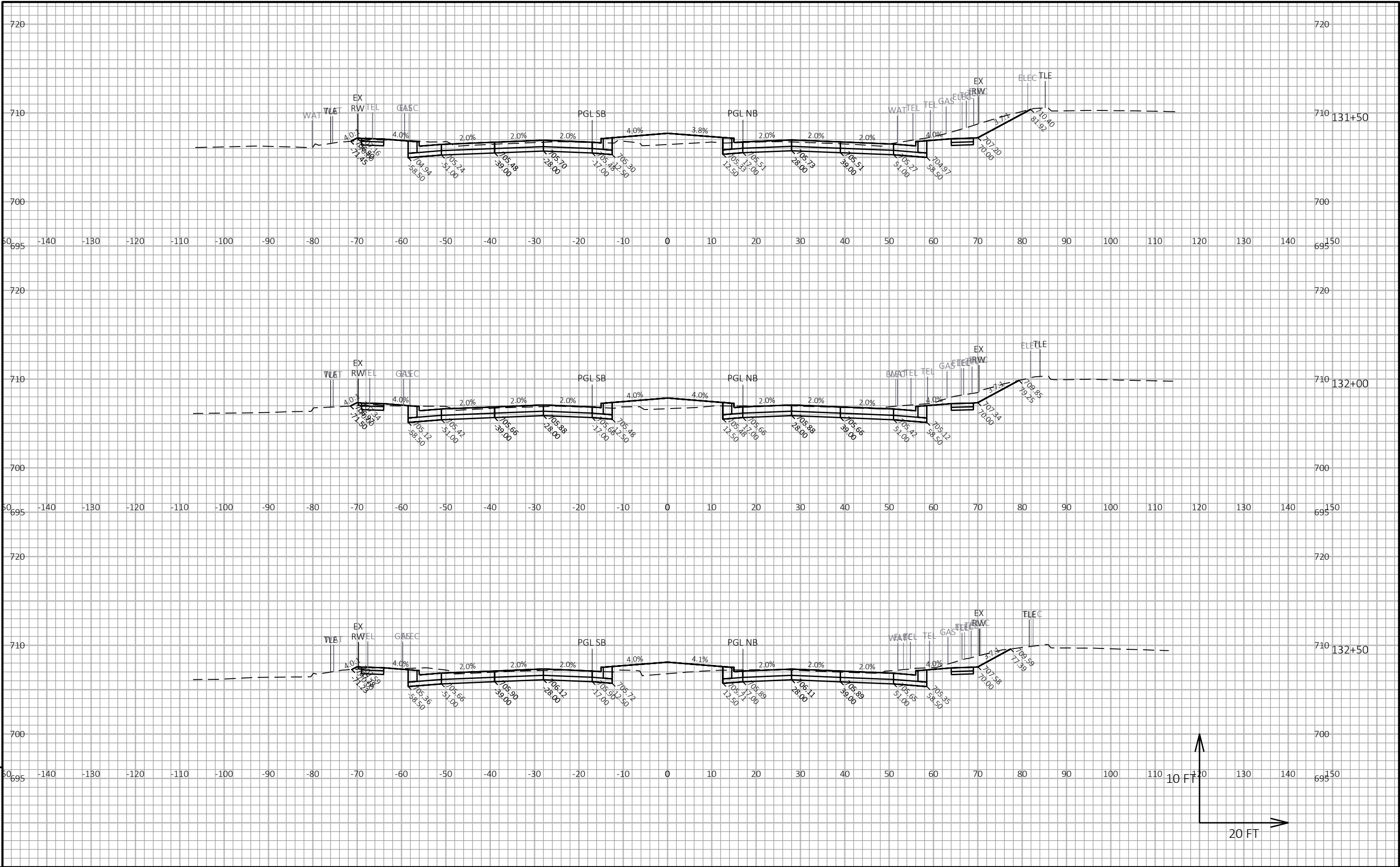


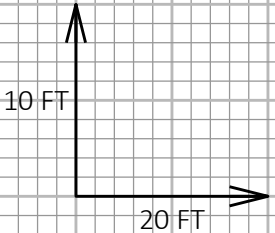
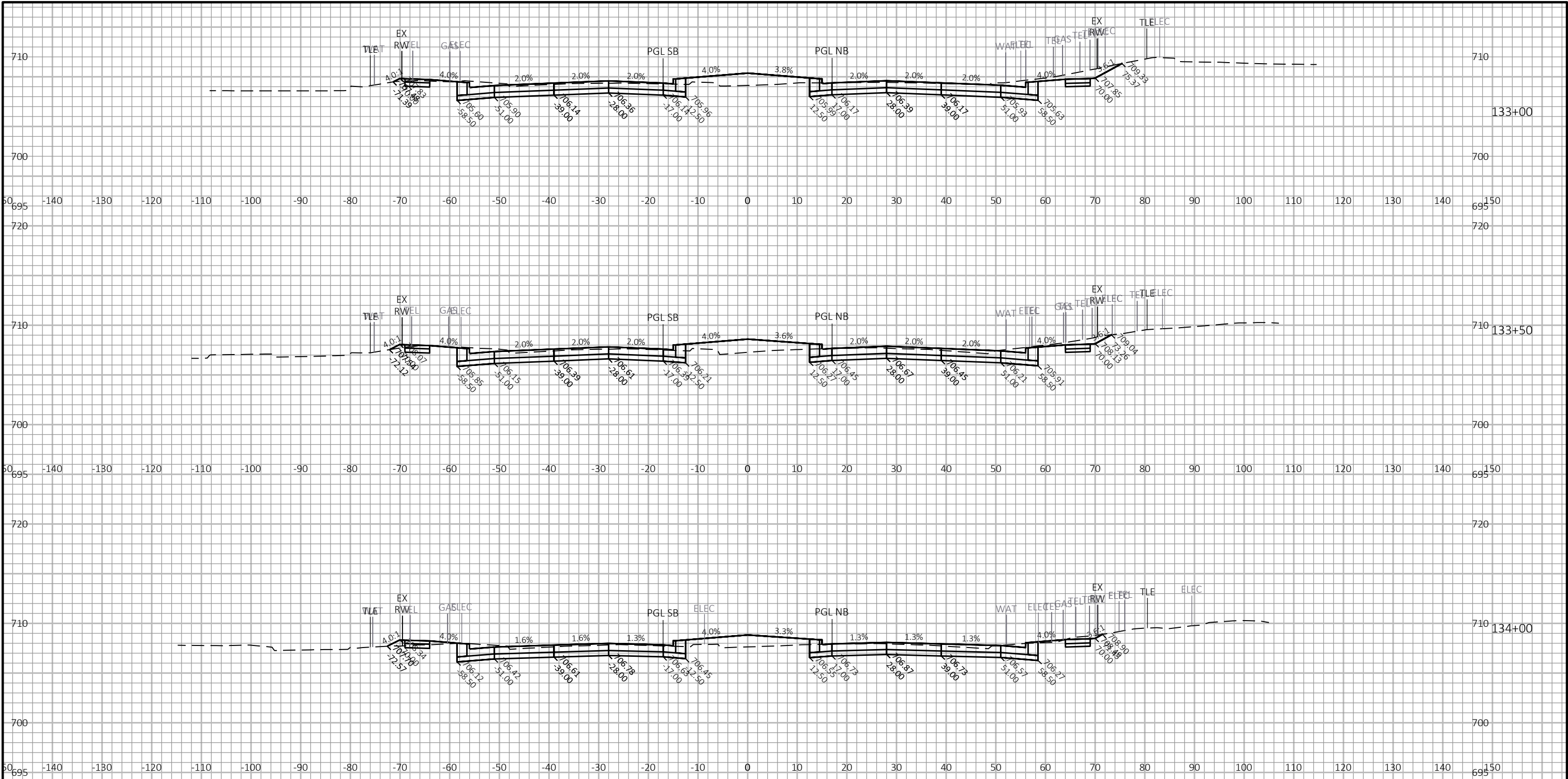
PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET	E
------------------------	-------------	----------------	------------------------	-------	---

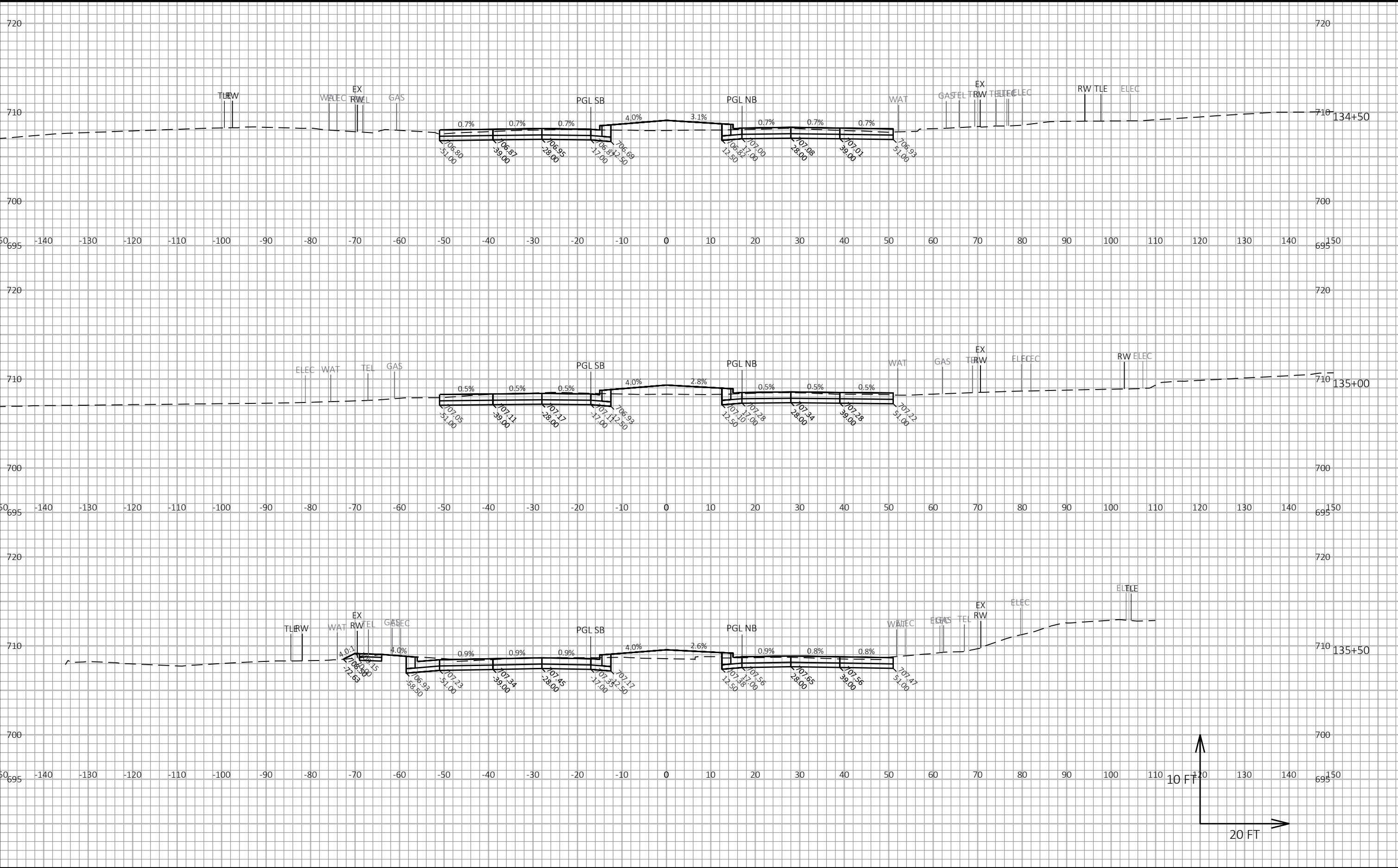


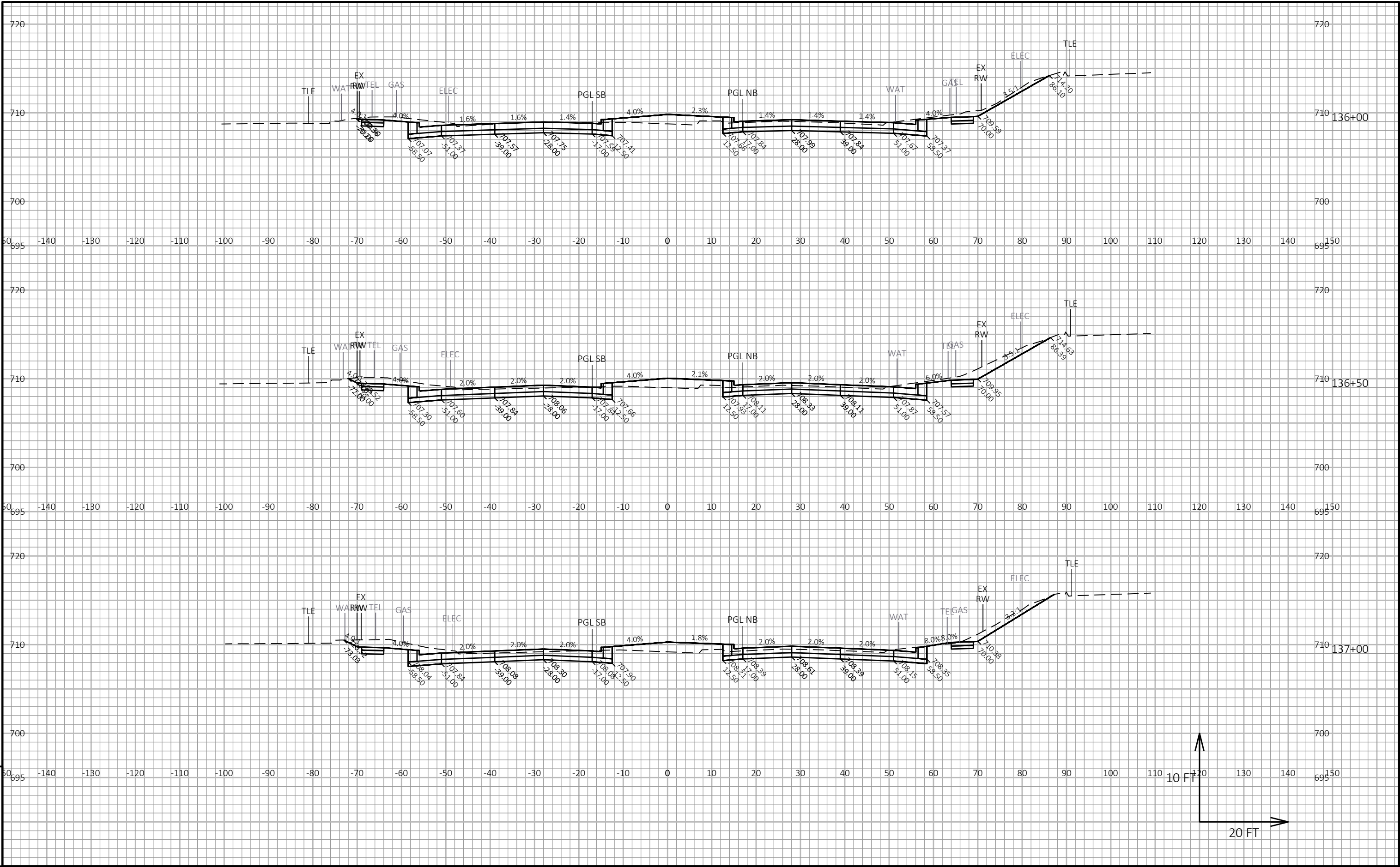


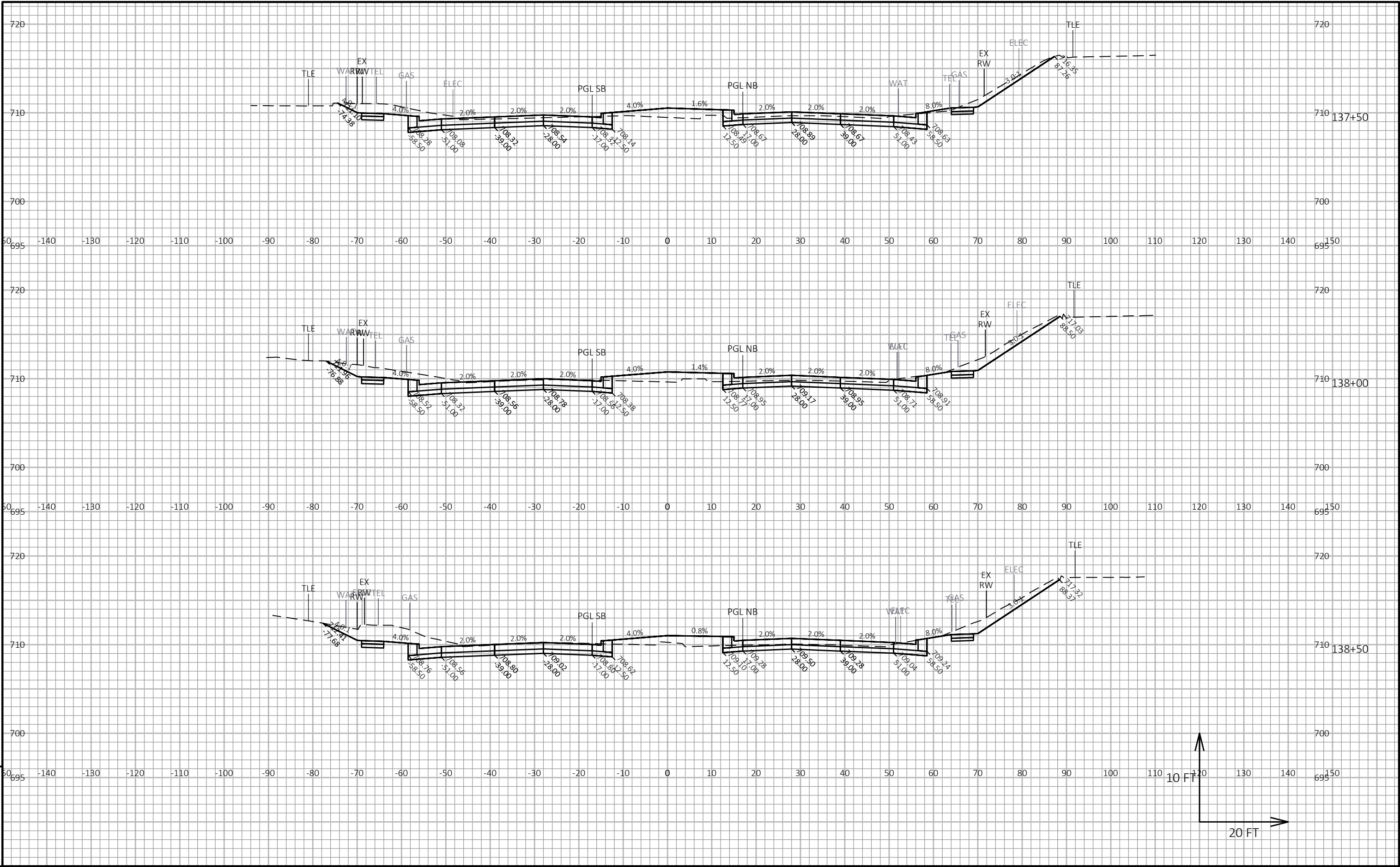
PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET	E
------------------------	-------------	----------------	------------------------	-------	---

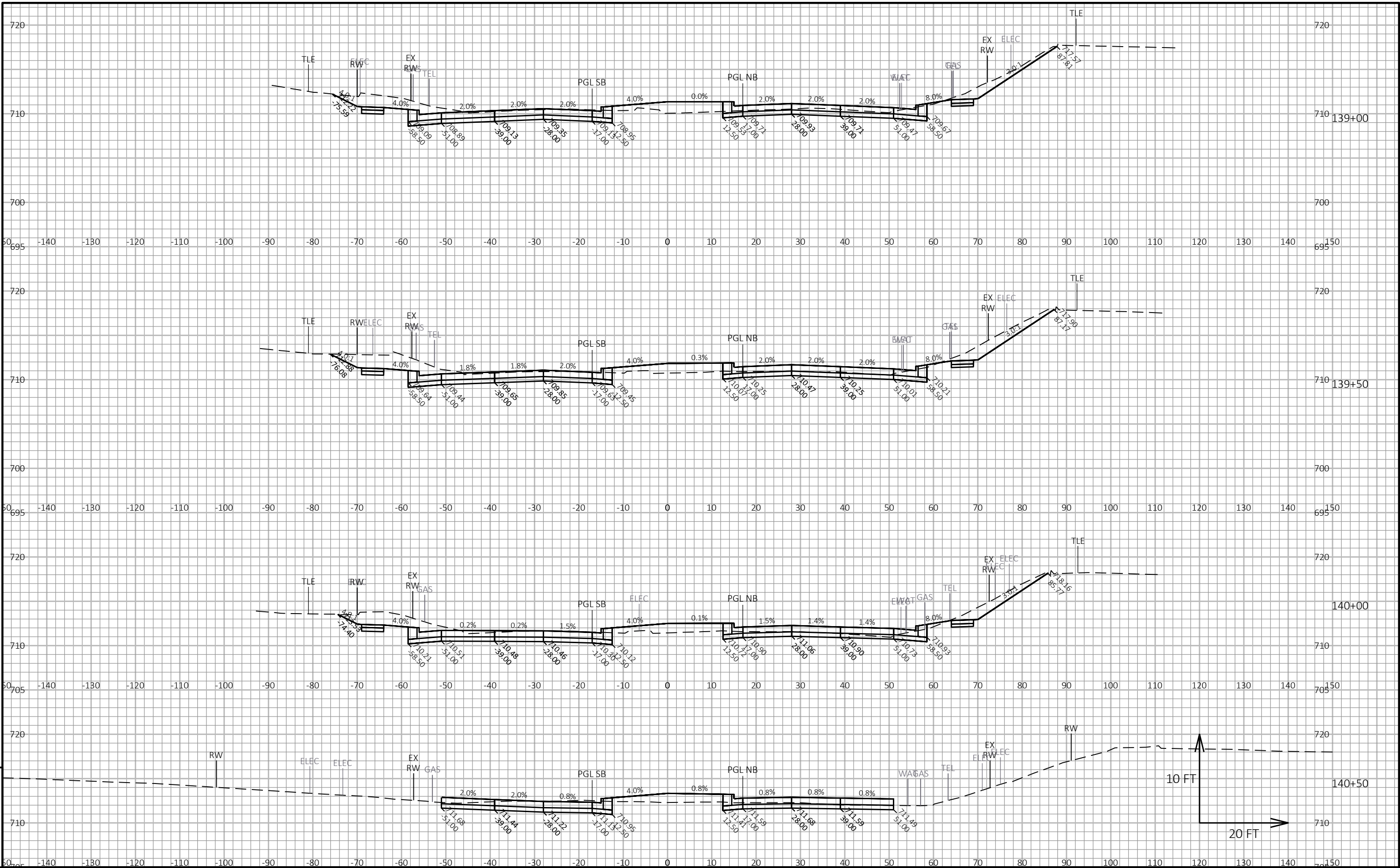




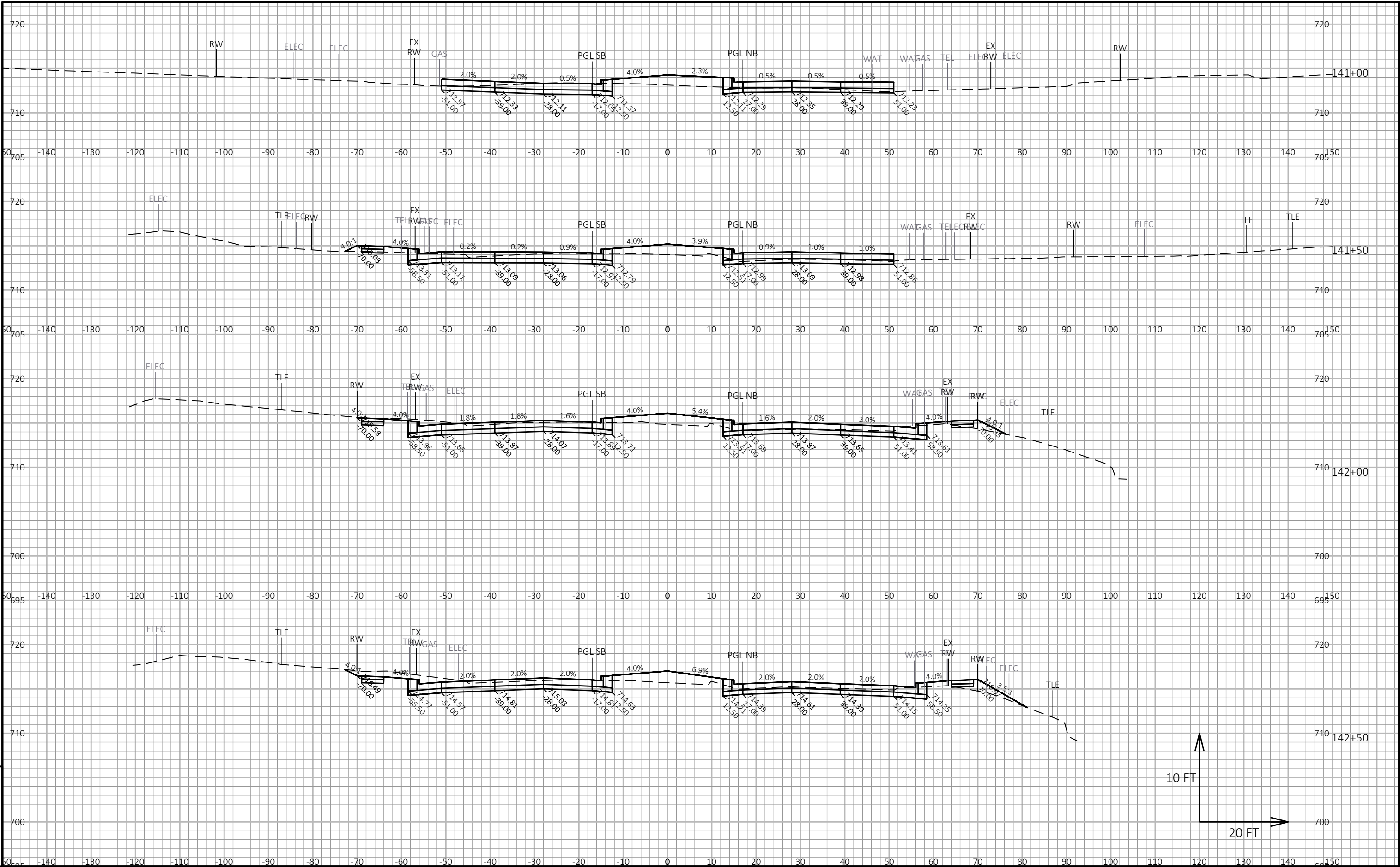


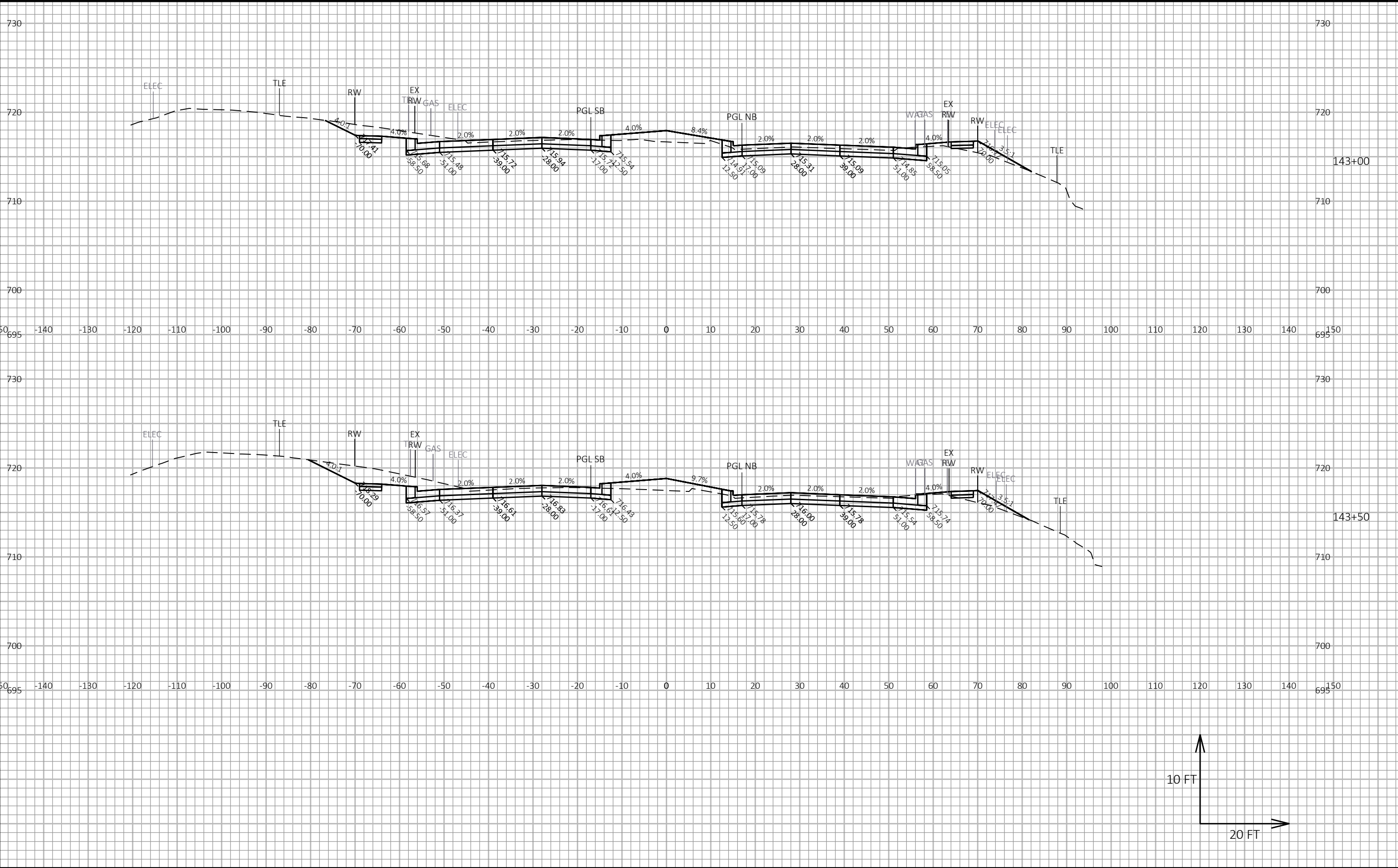


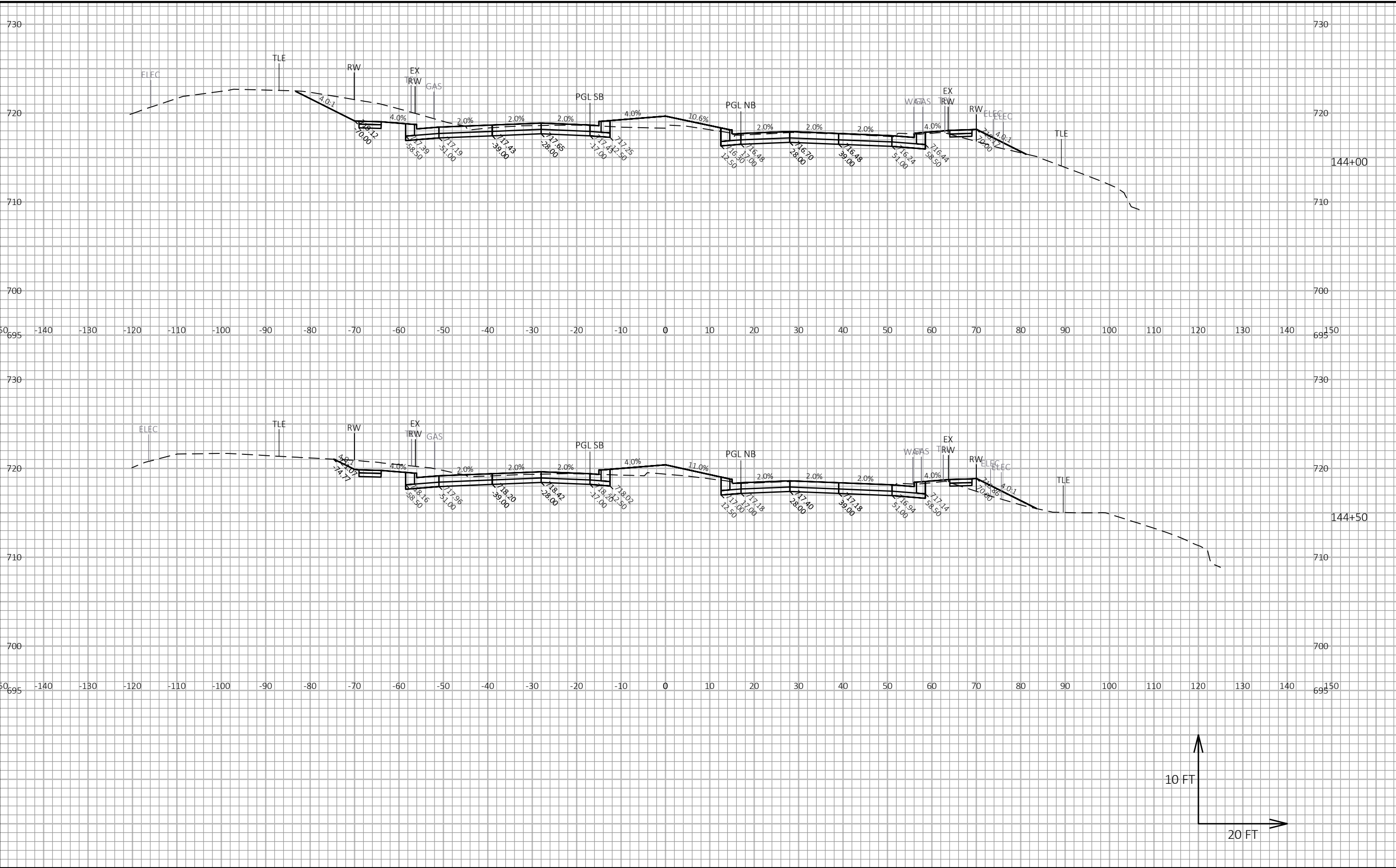




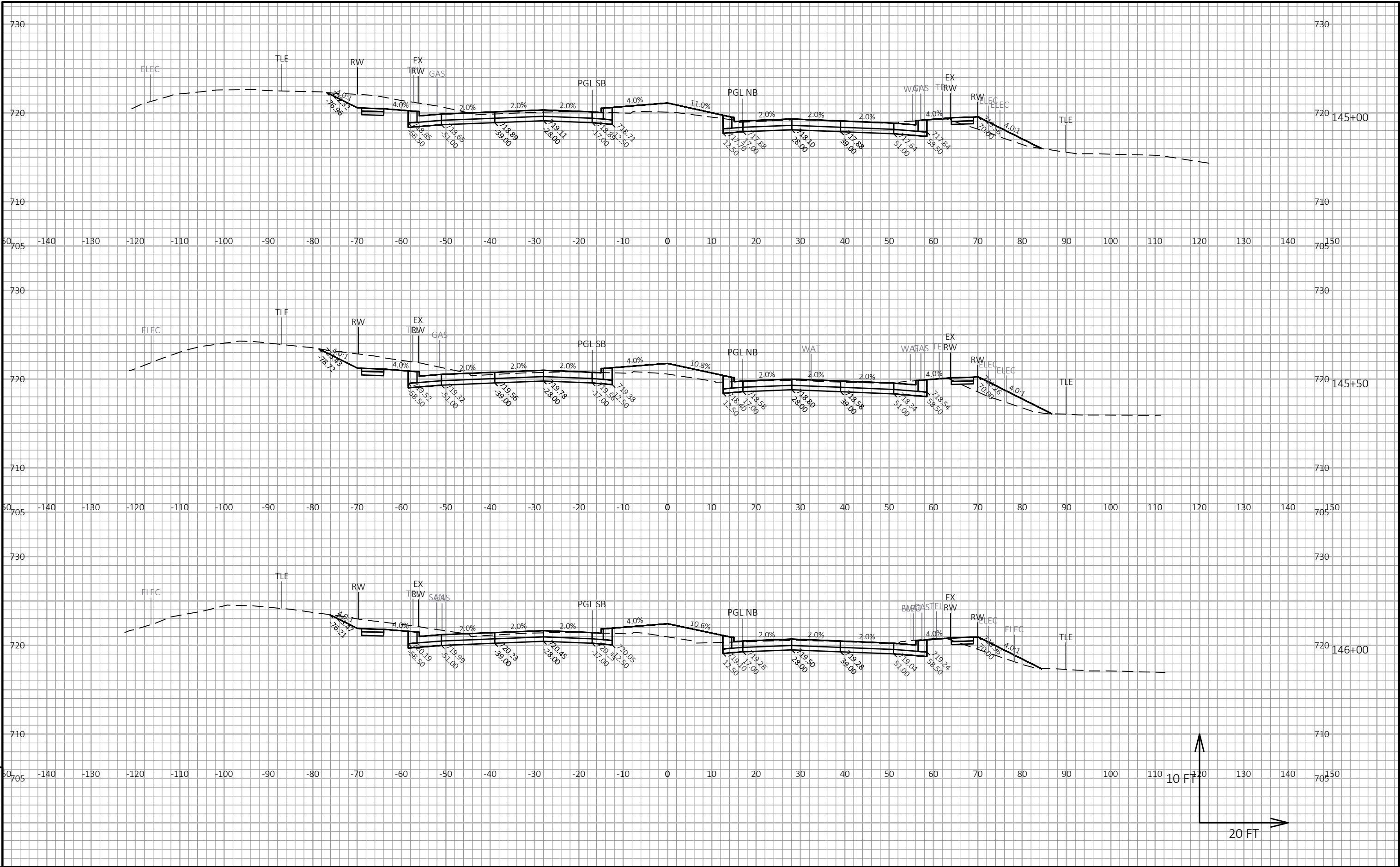
PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET	E
------------------------	-------------	----------------	------------------------	-------	---

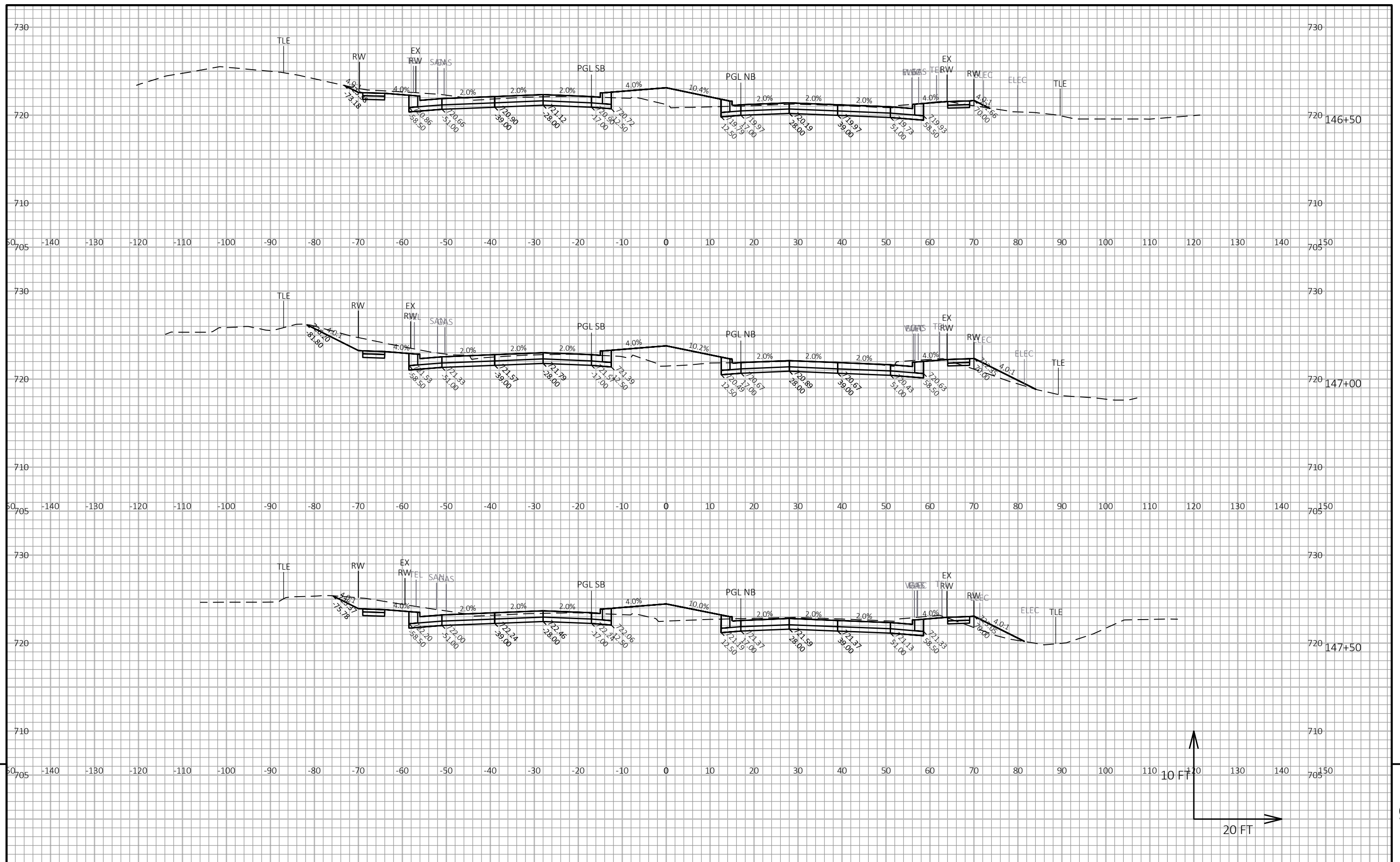






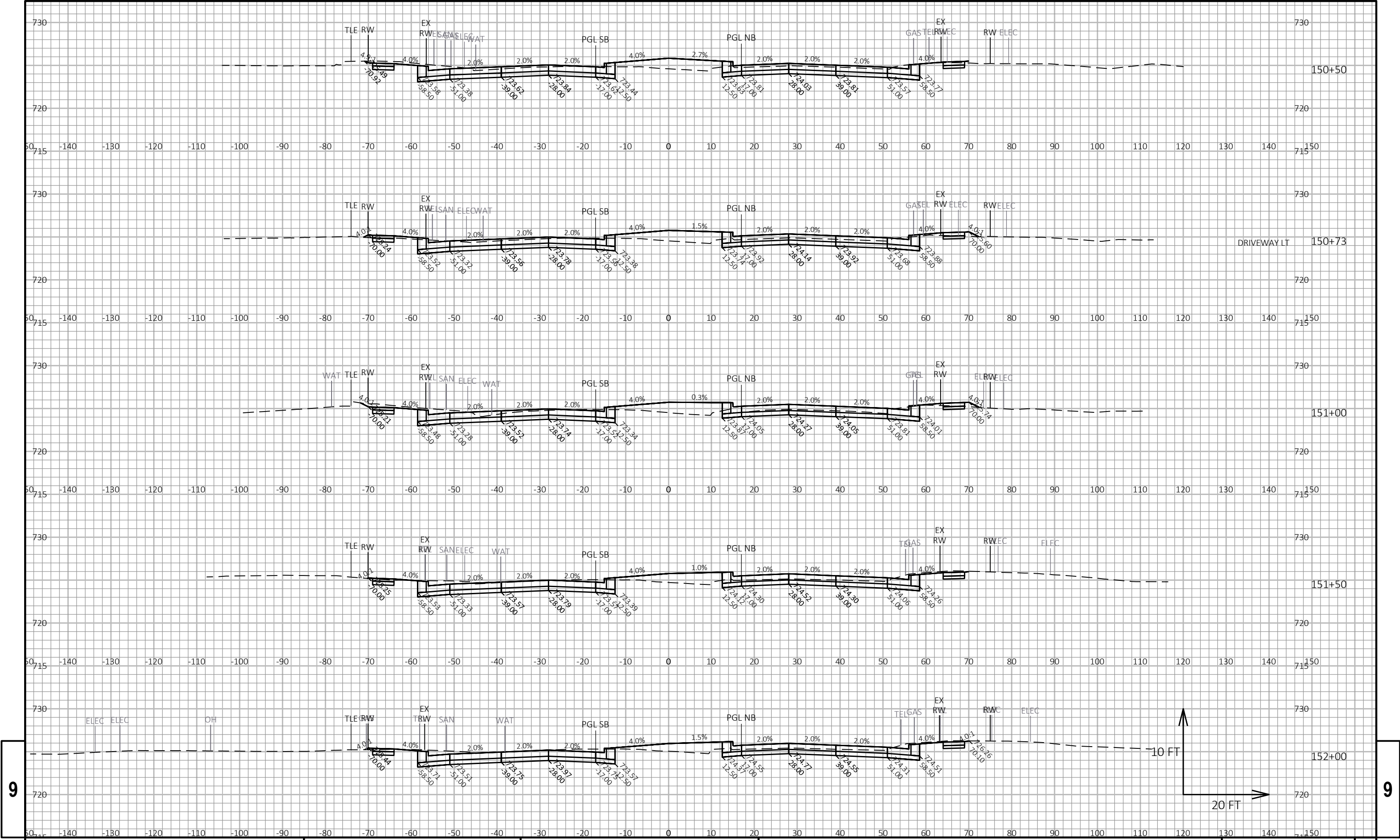
PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET	E
------------------------	-------------	----------------	------------------------	-------	---

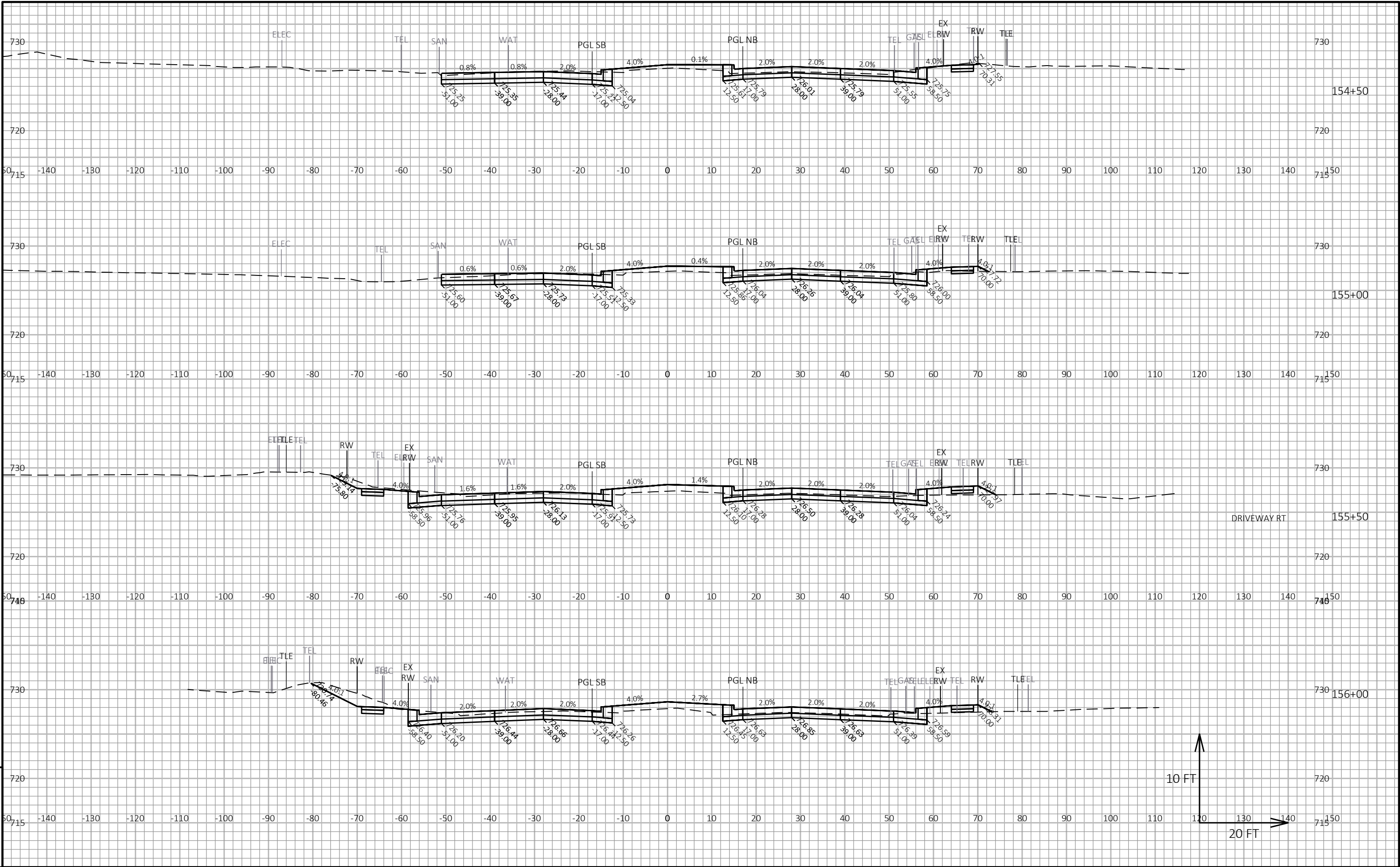


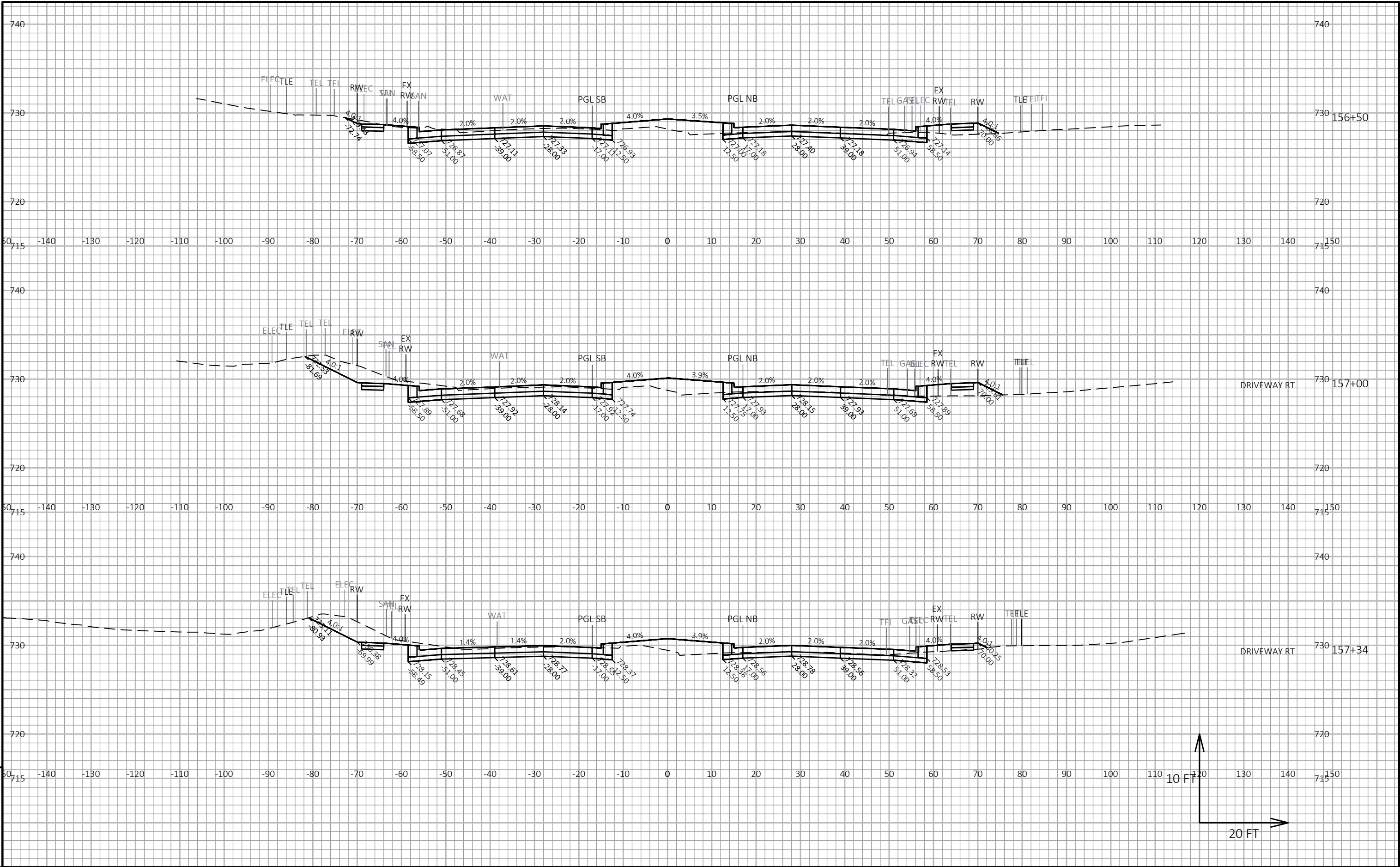




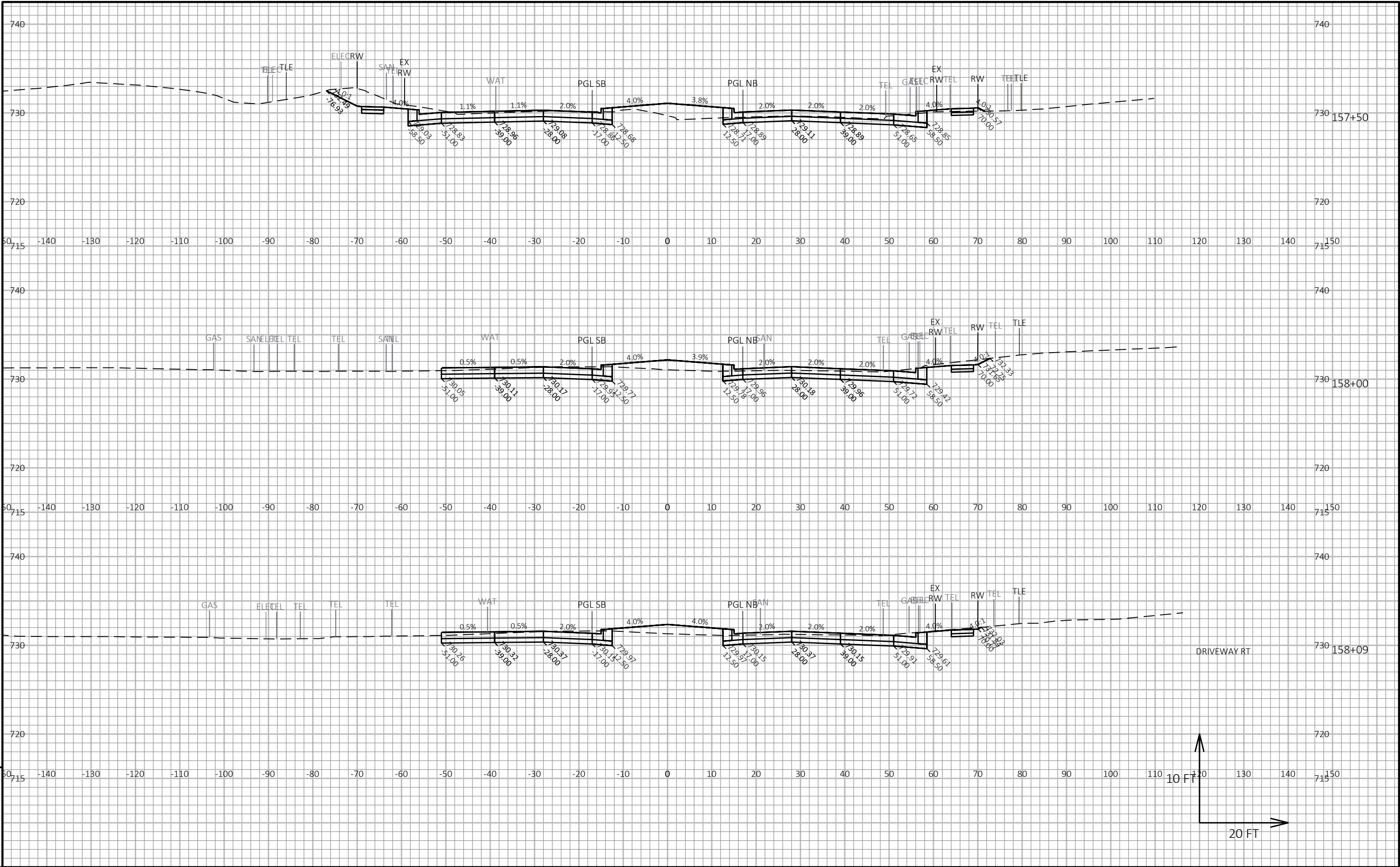
PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET	E
------------------------	-------------	----------------	------------------------	-------	---

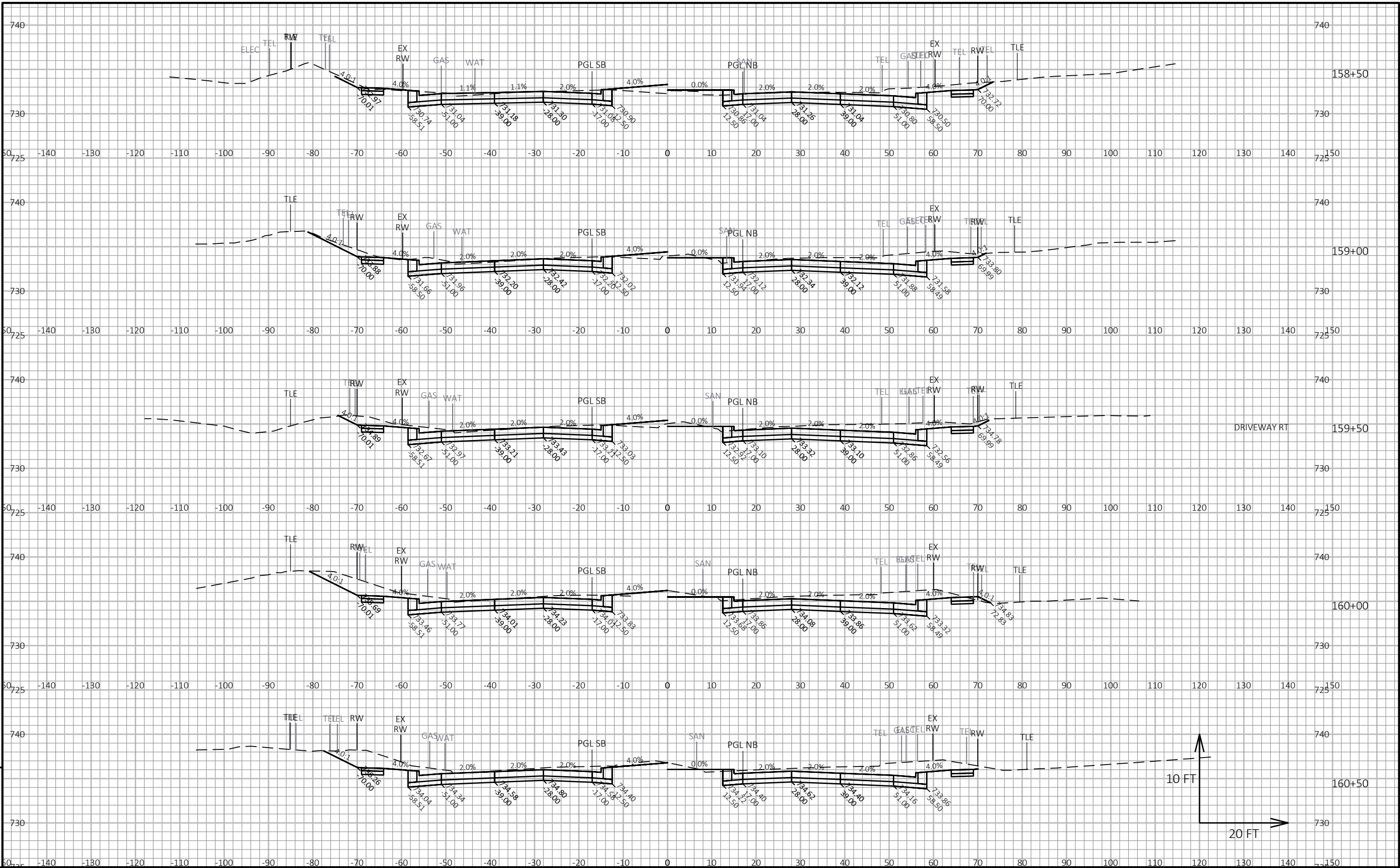


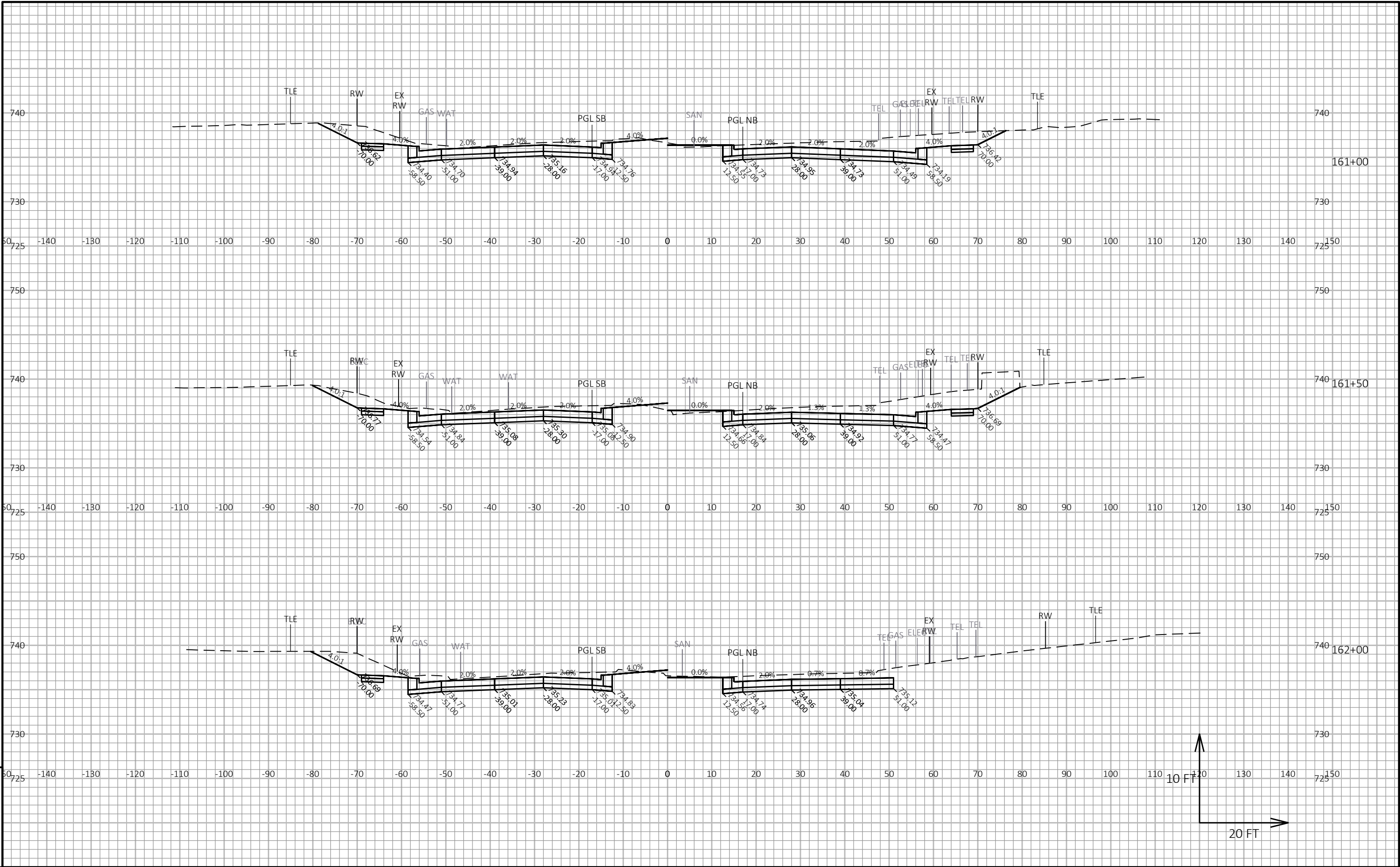




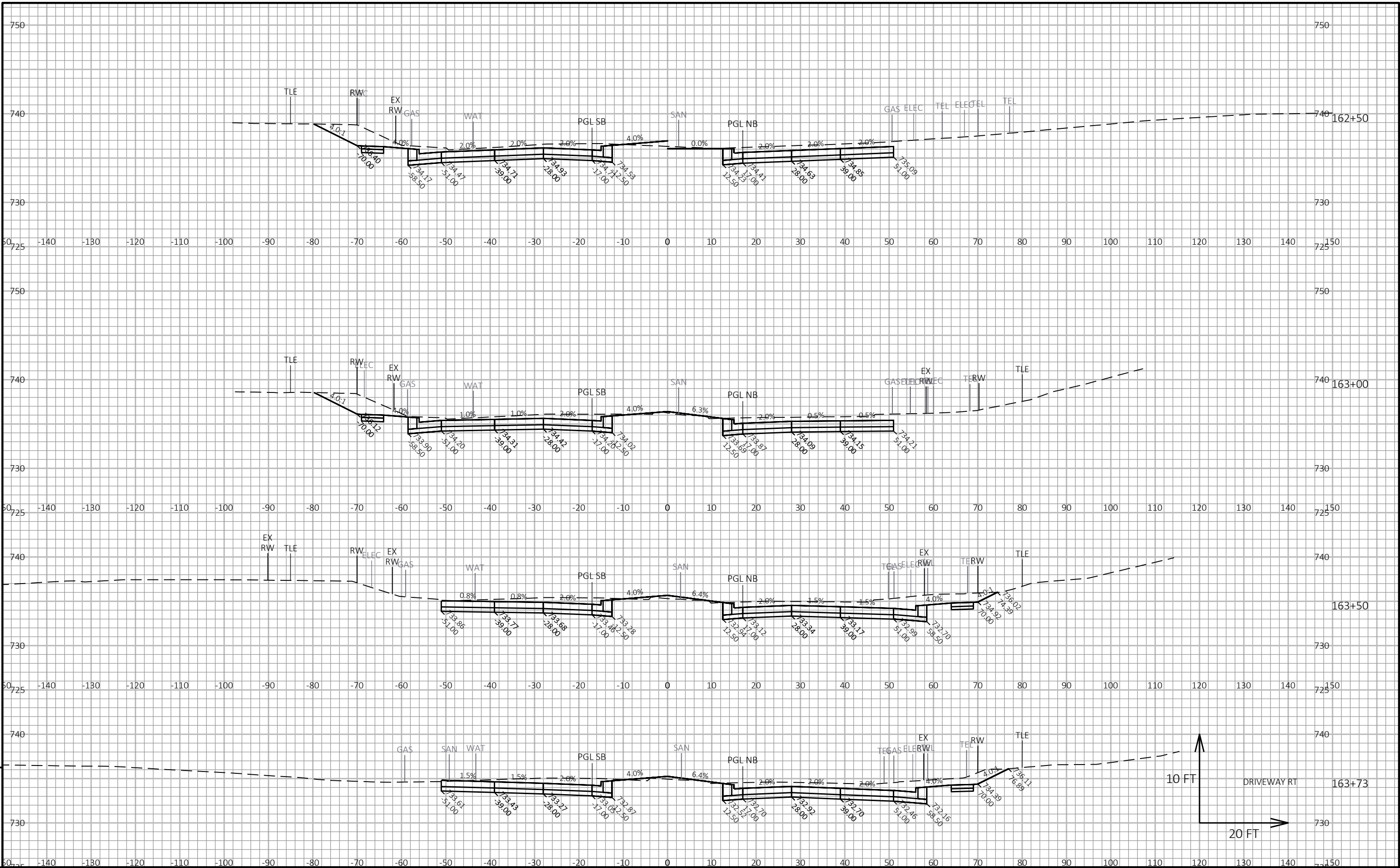
PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET E
------------------------	-------------	----------------	------------------------	---------



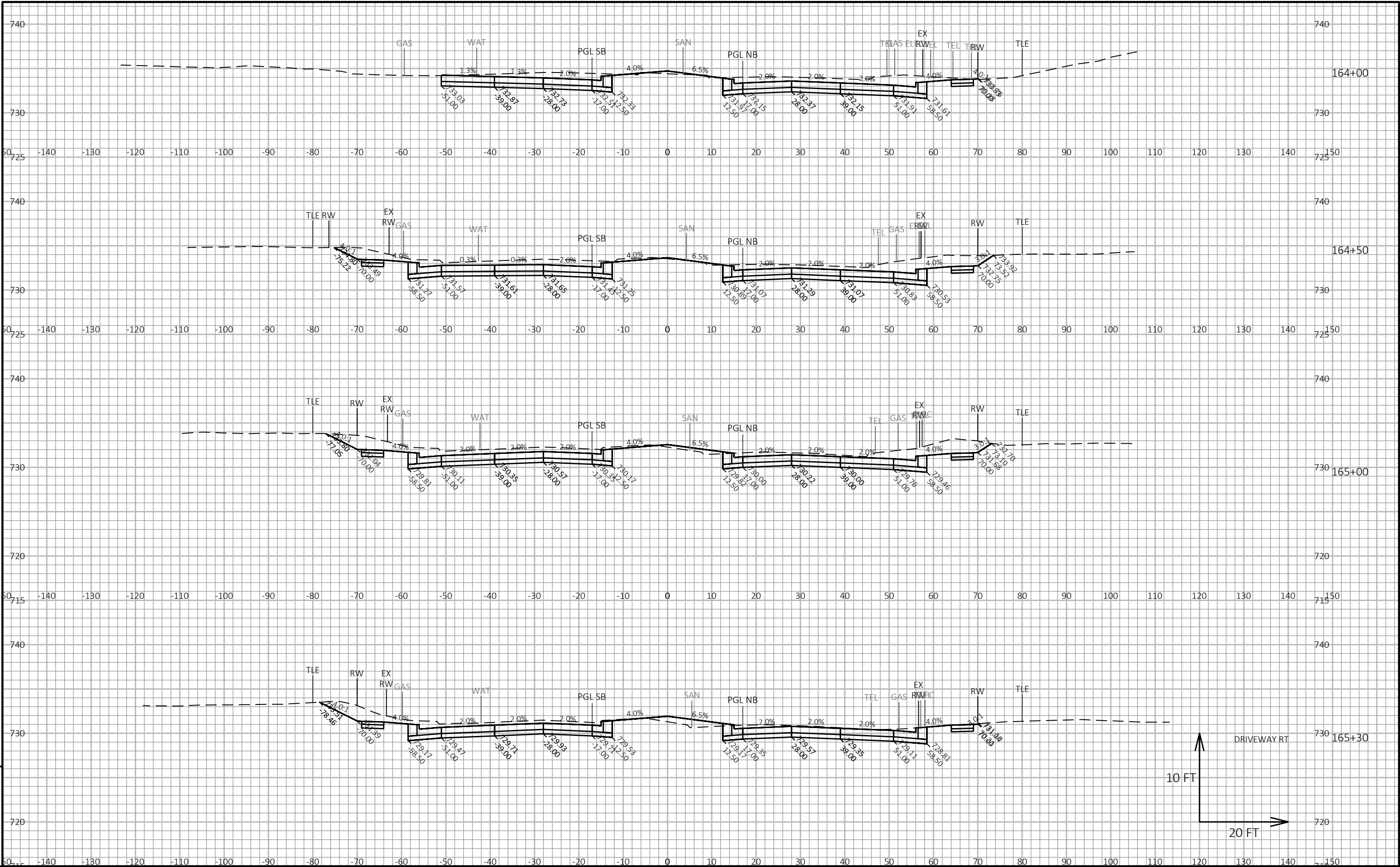


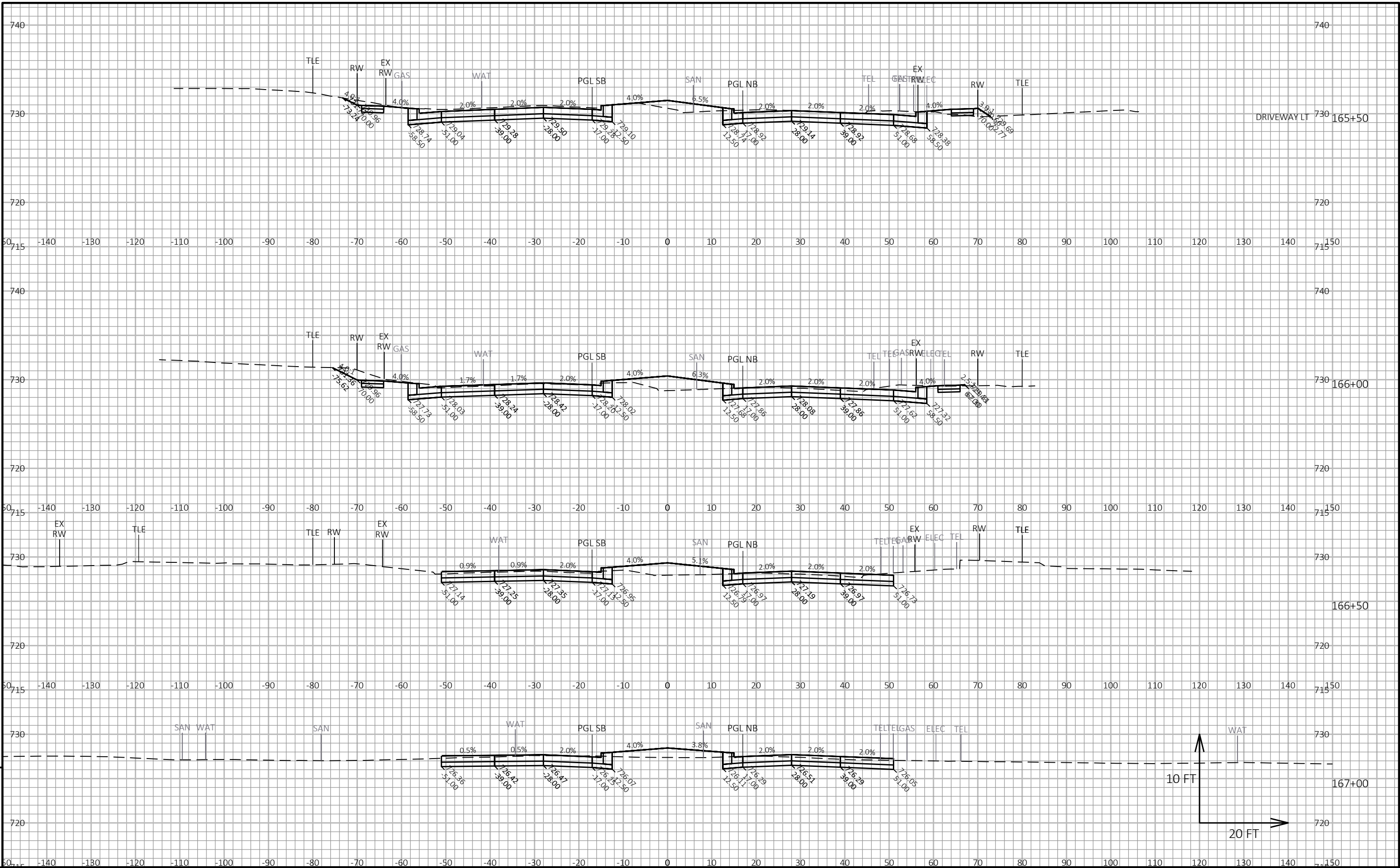


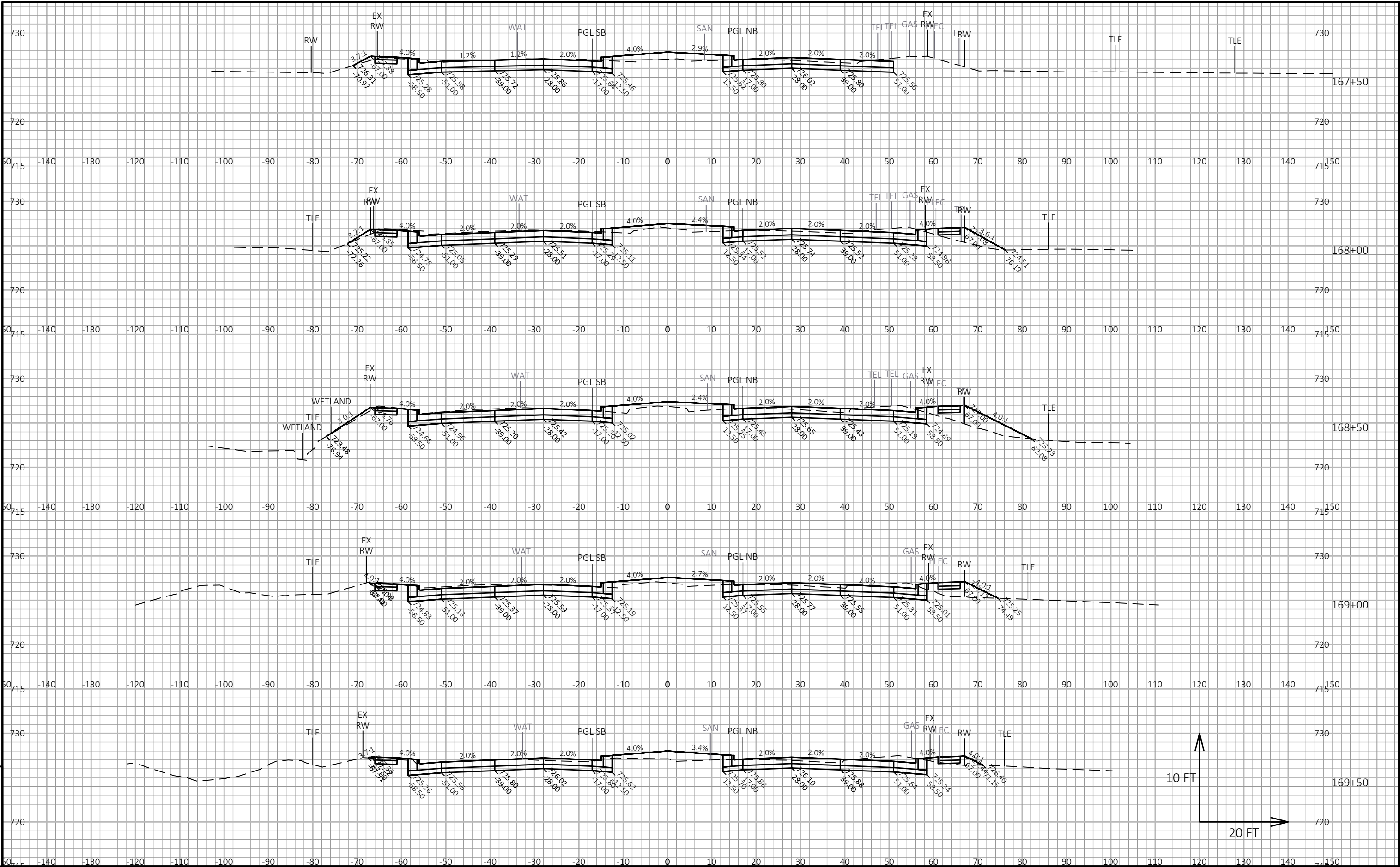
PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET	E
------------------------	-------------	----------------	------------------------	-------	---

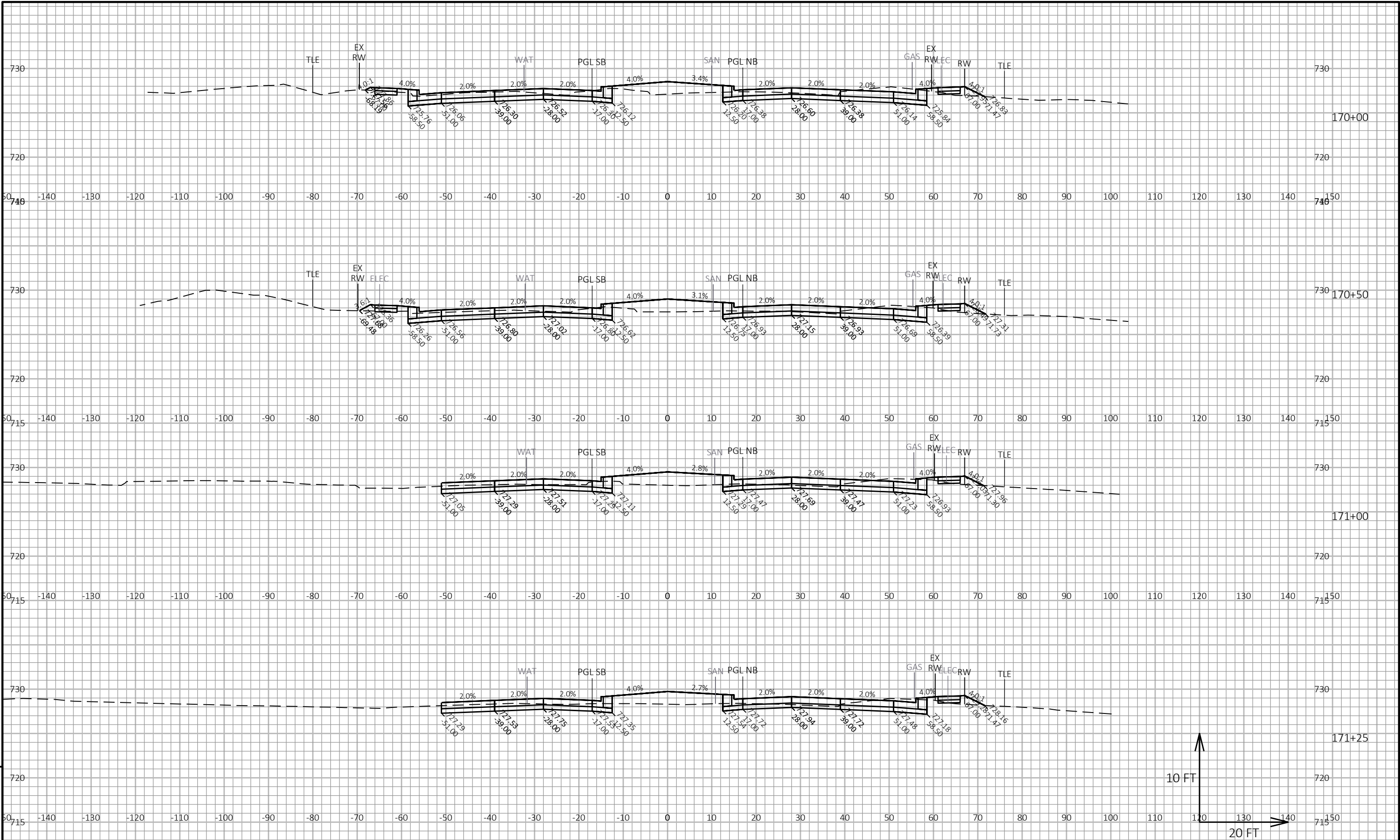


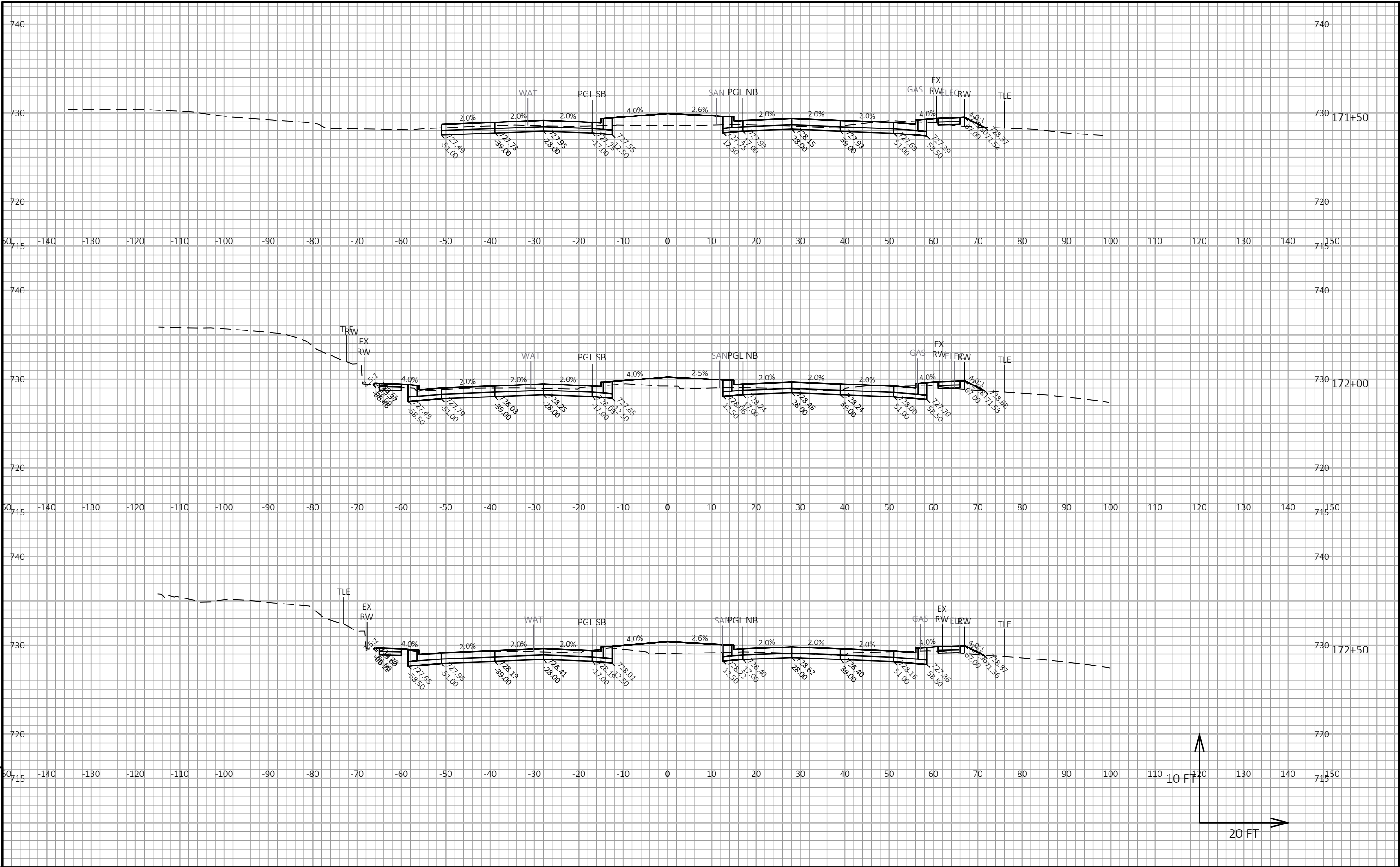
PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET	E
------------------------	-------------	----------------	------------------------	-------	---

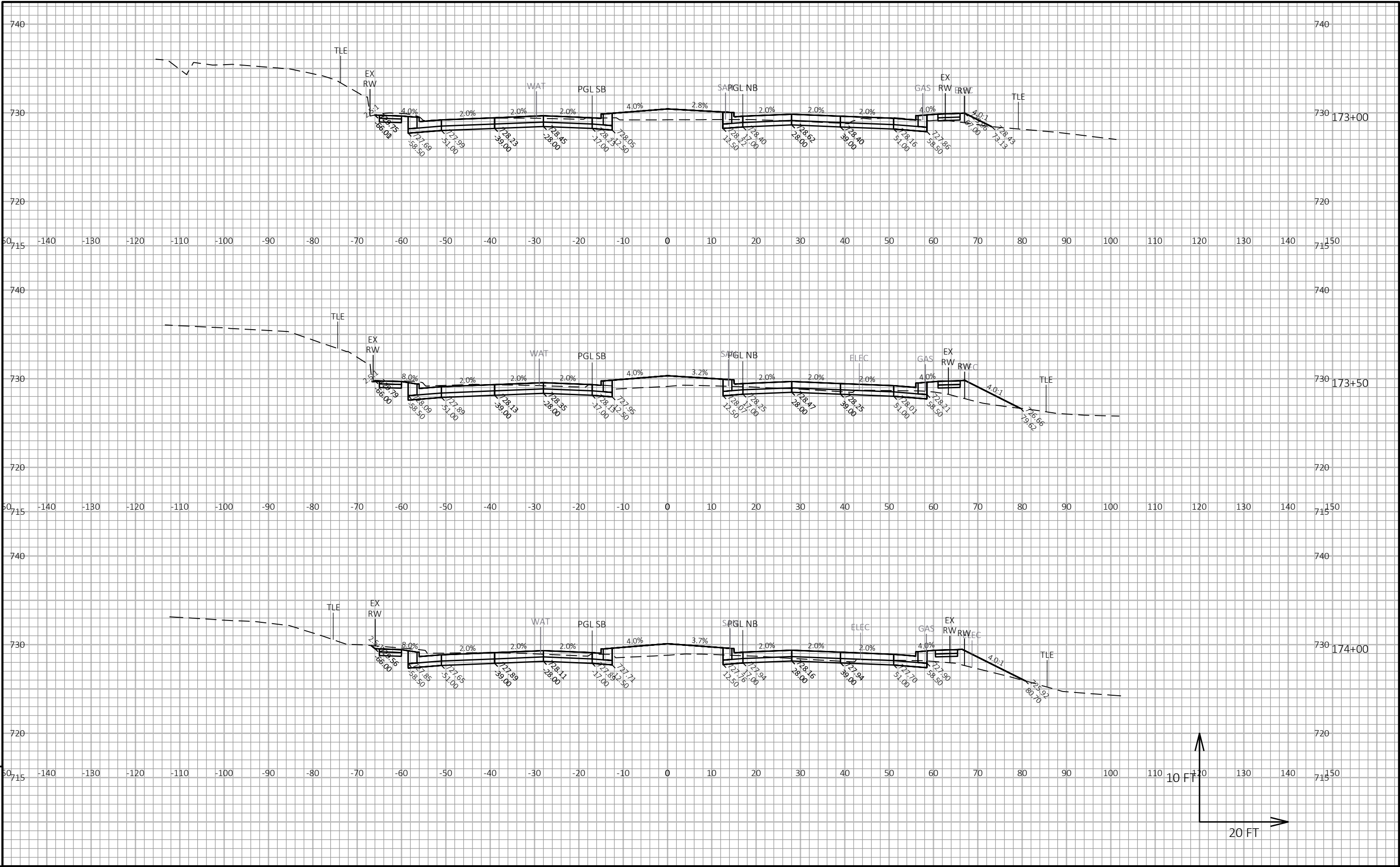




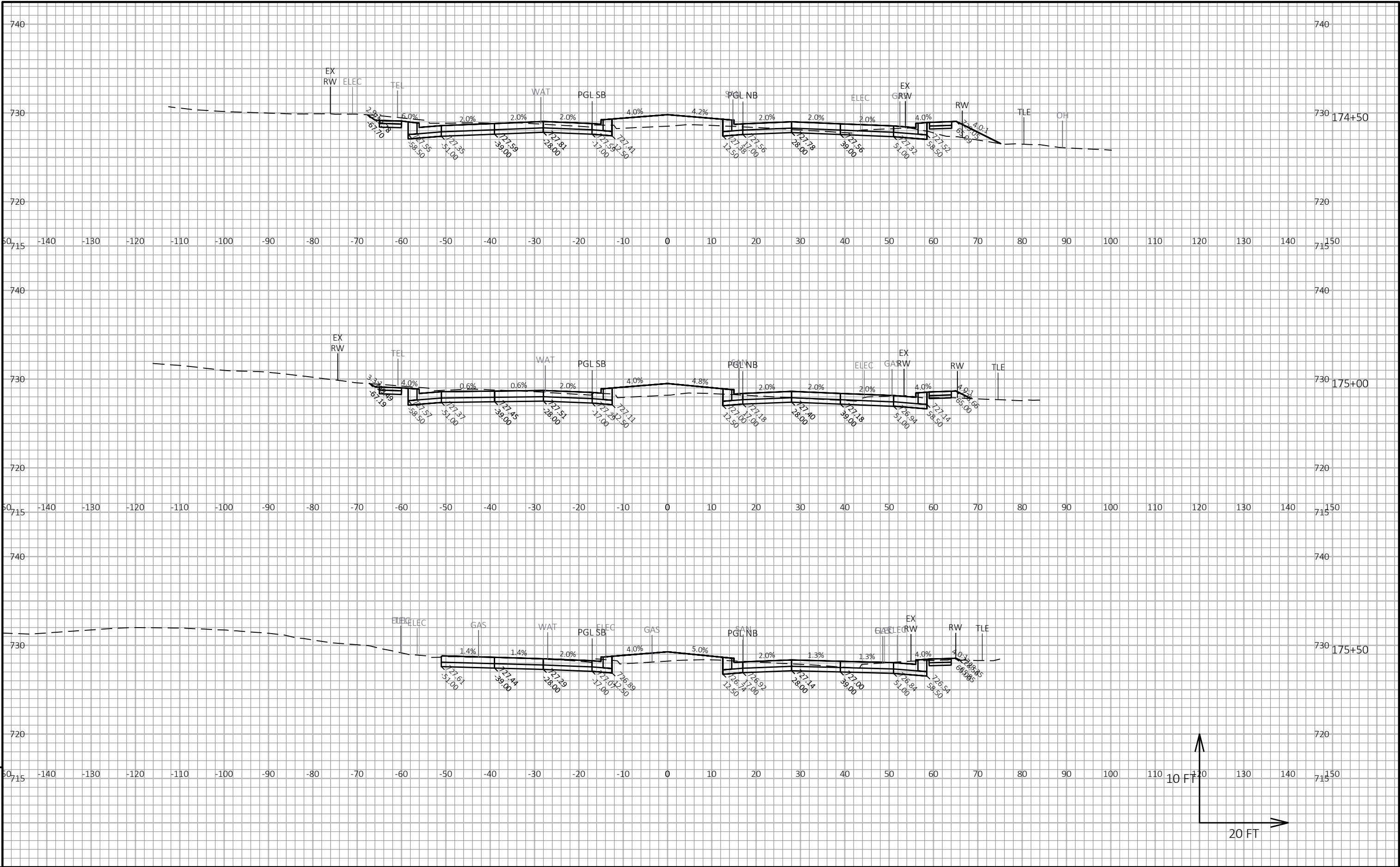


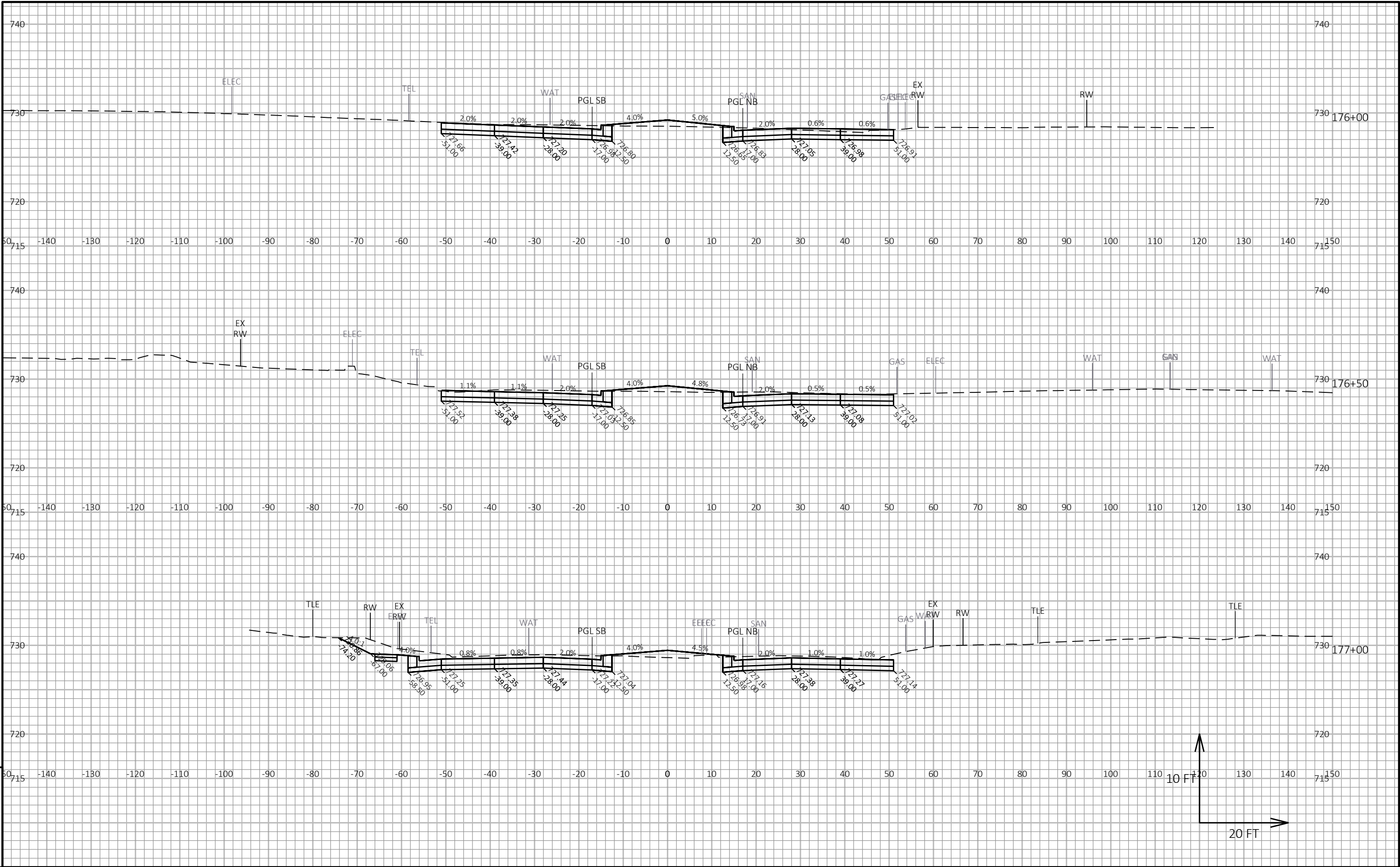




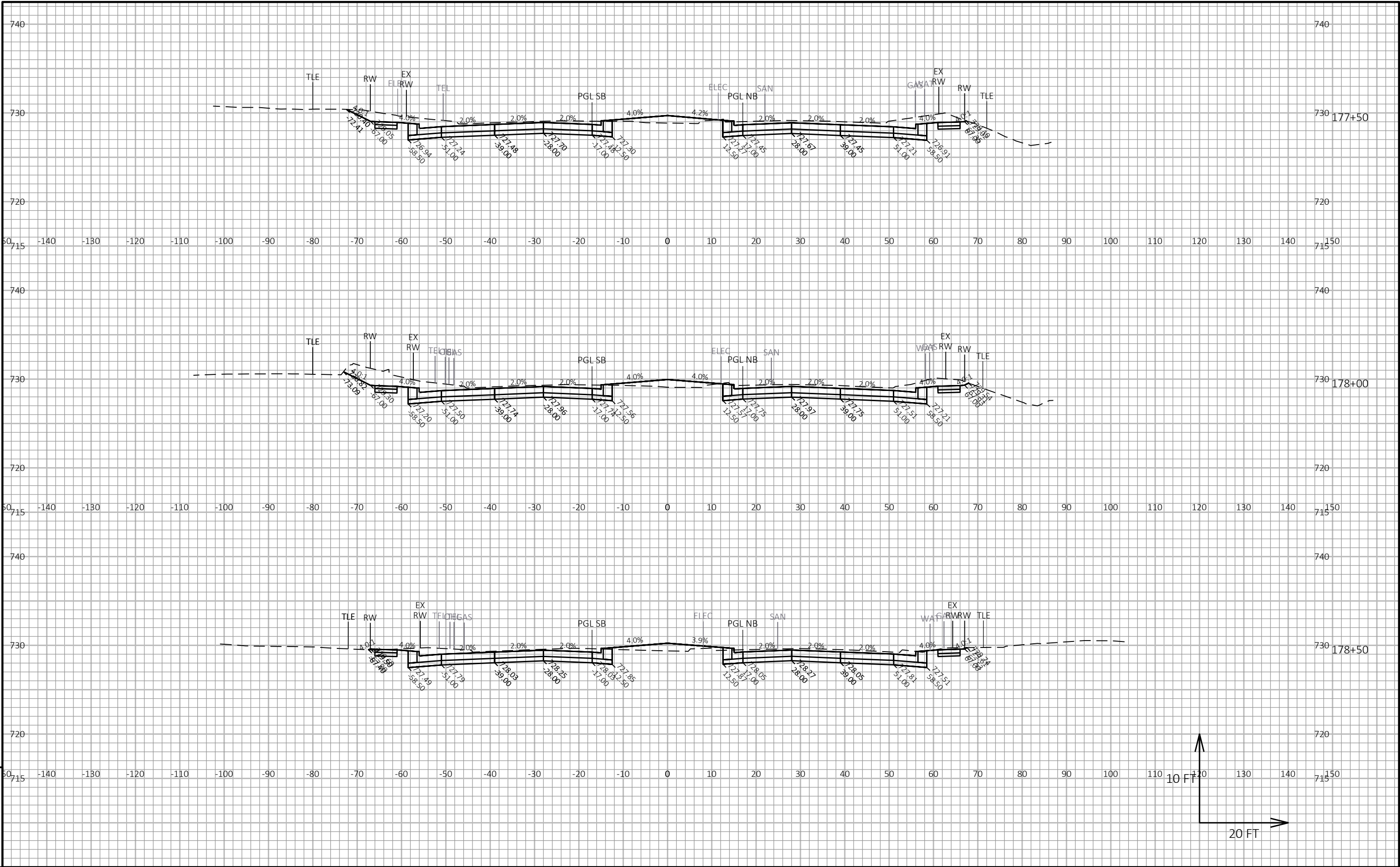


PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET	E
------------------------	-------------	----------------	------------------------	-------	---

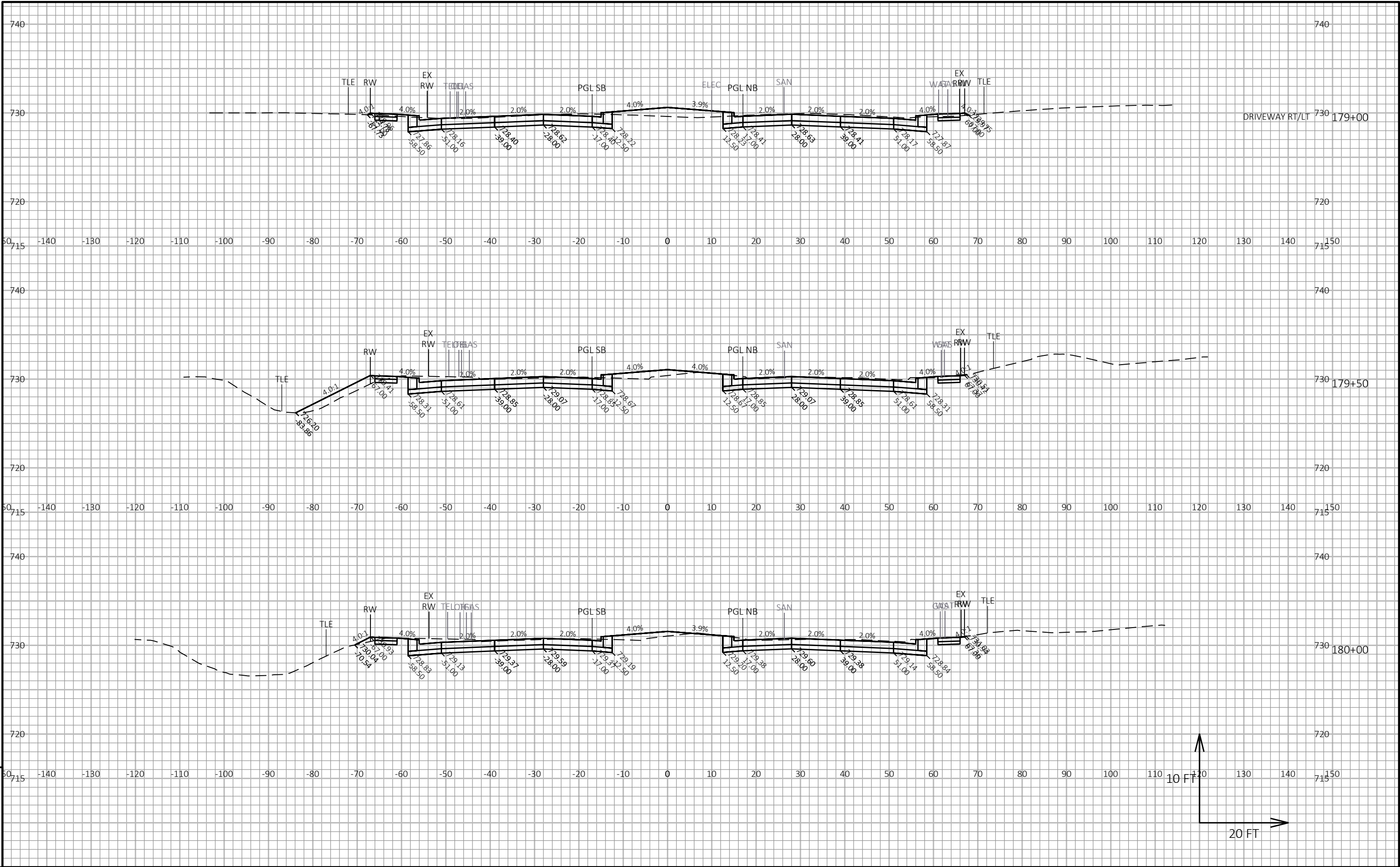


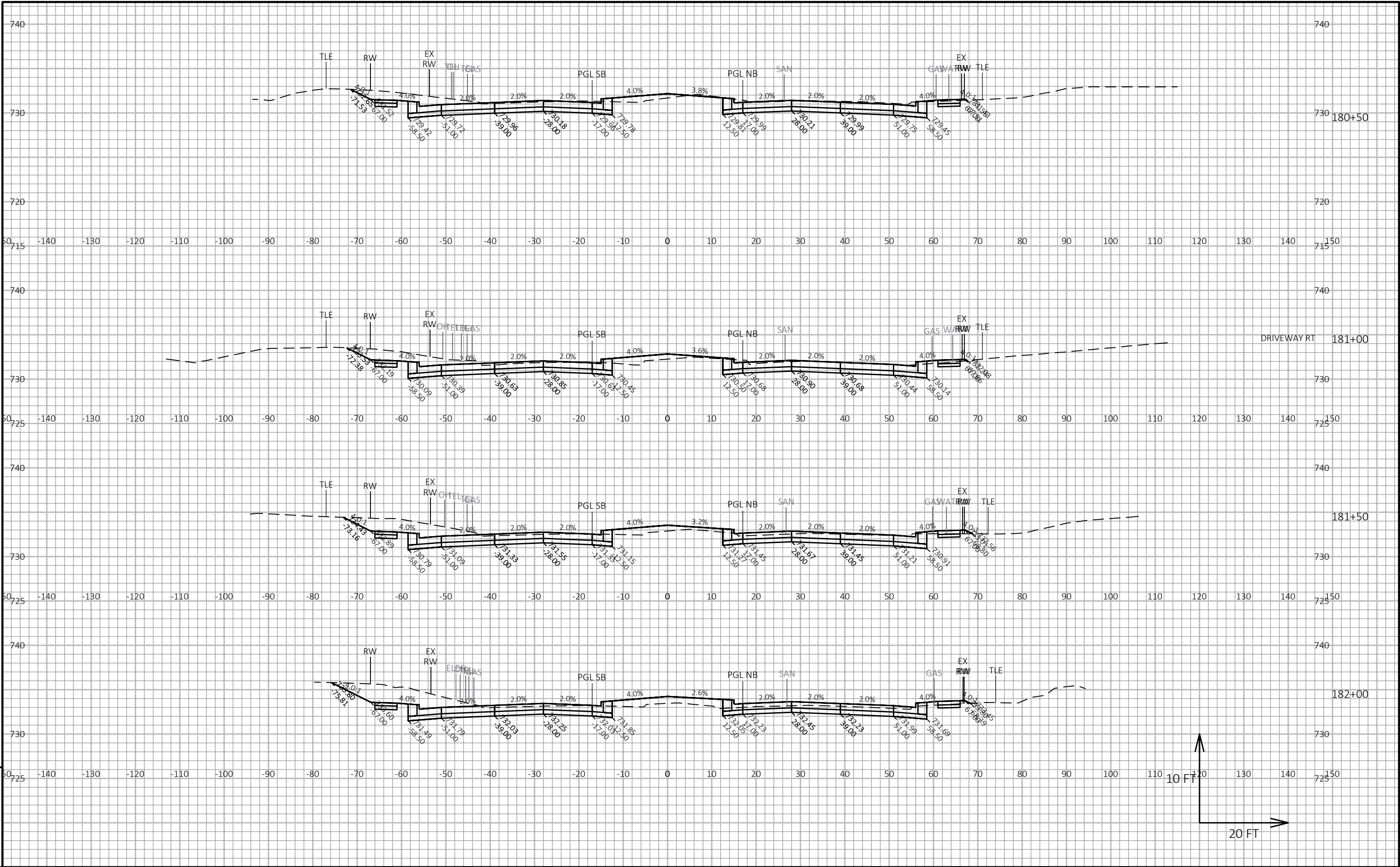


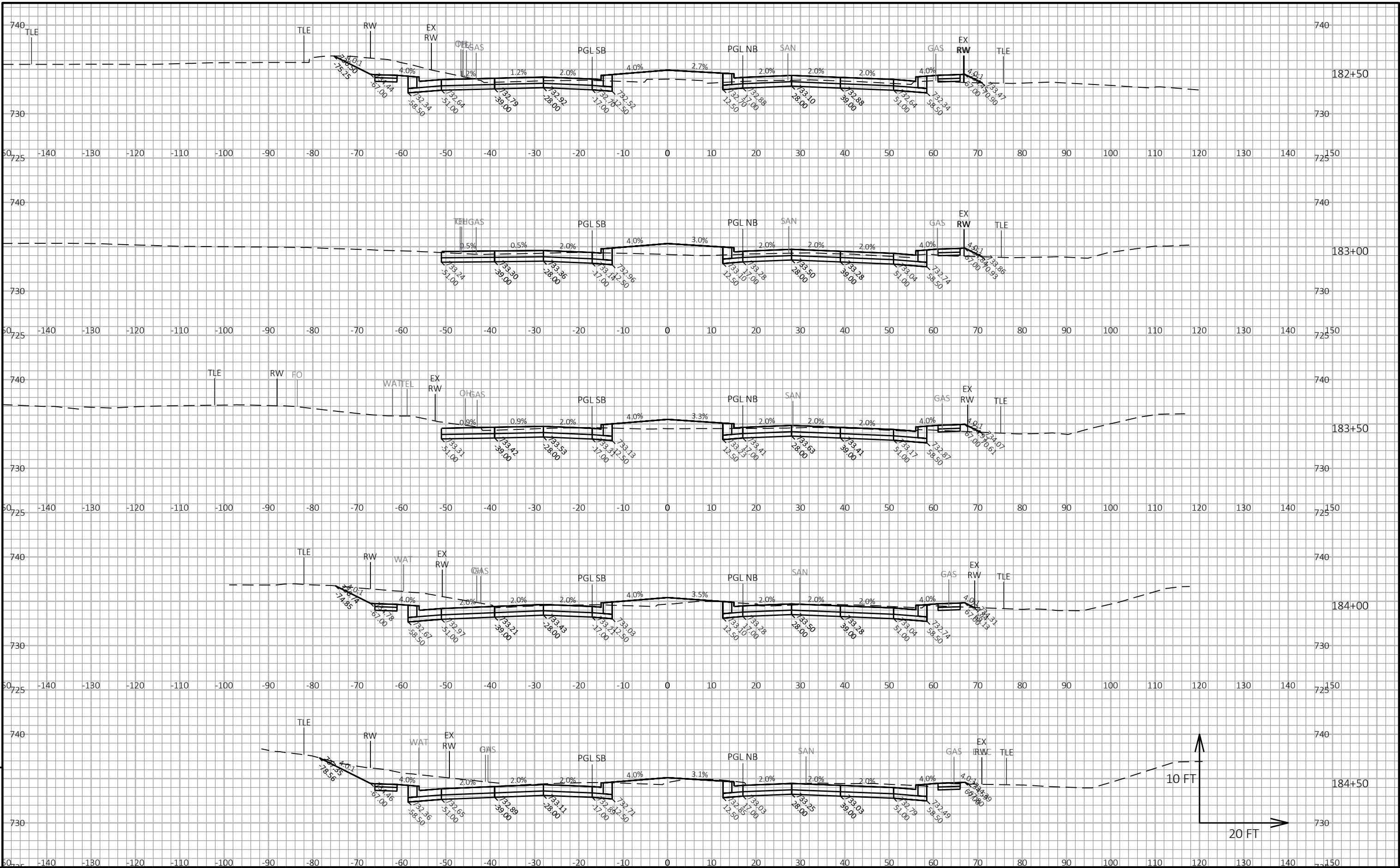
PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET	E
------------------------	-------------	----------------	------------------------	-------	---



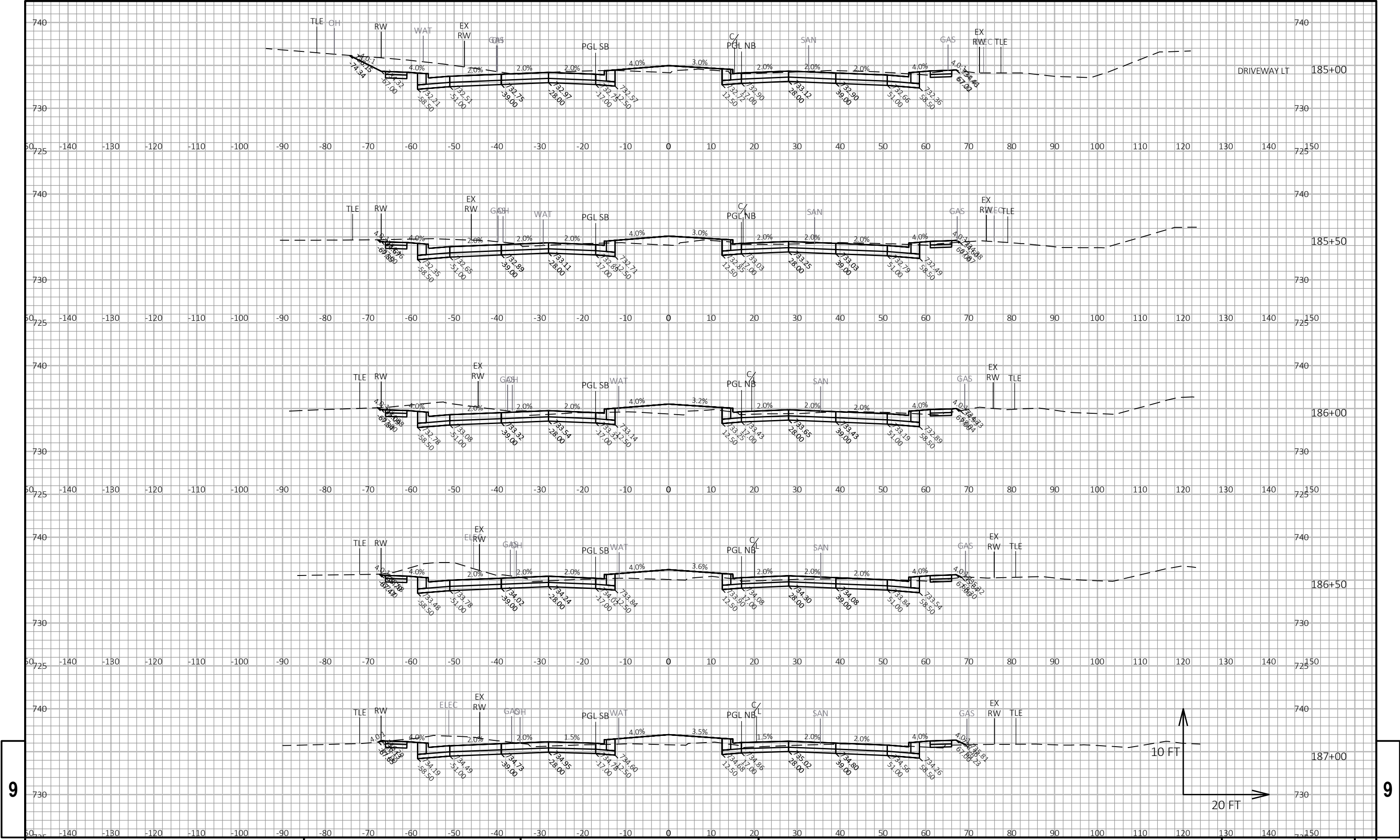
PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET	E
------------------------	-------------	----------------	------------------------	-------	---

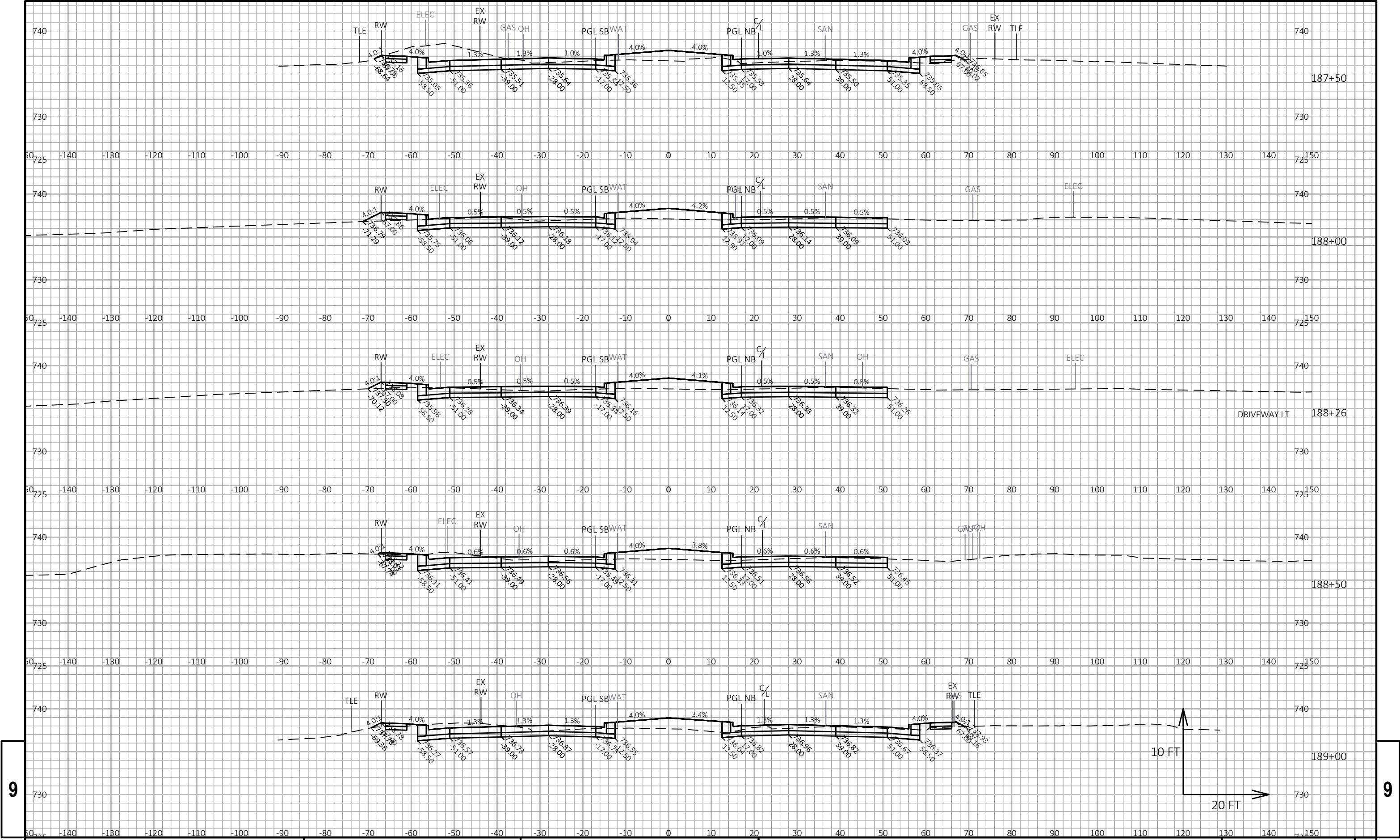






PROJECT NO:	2390-12-00	HWY:	STH 31	COUNTY:	RACINE	CROSS SECTIONS:	STH 31	SHEET	E
-------------	------------	------	--------	---------	--------	-----------------	--------	-------	---

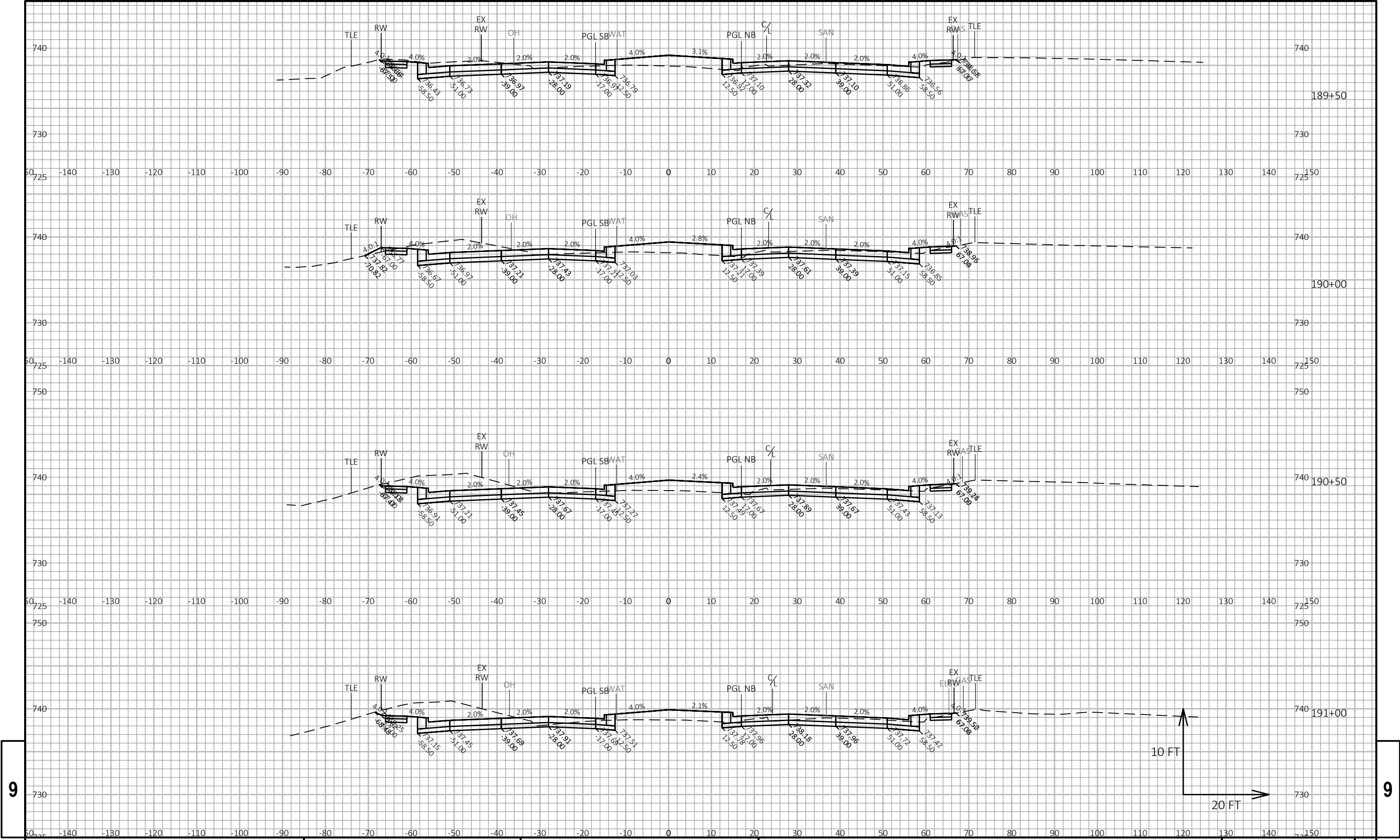


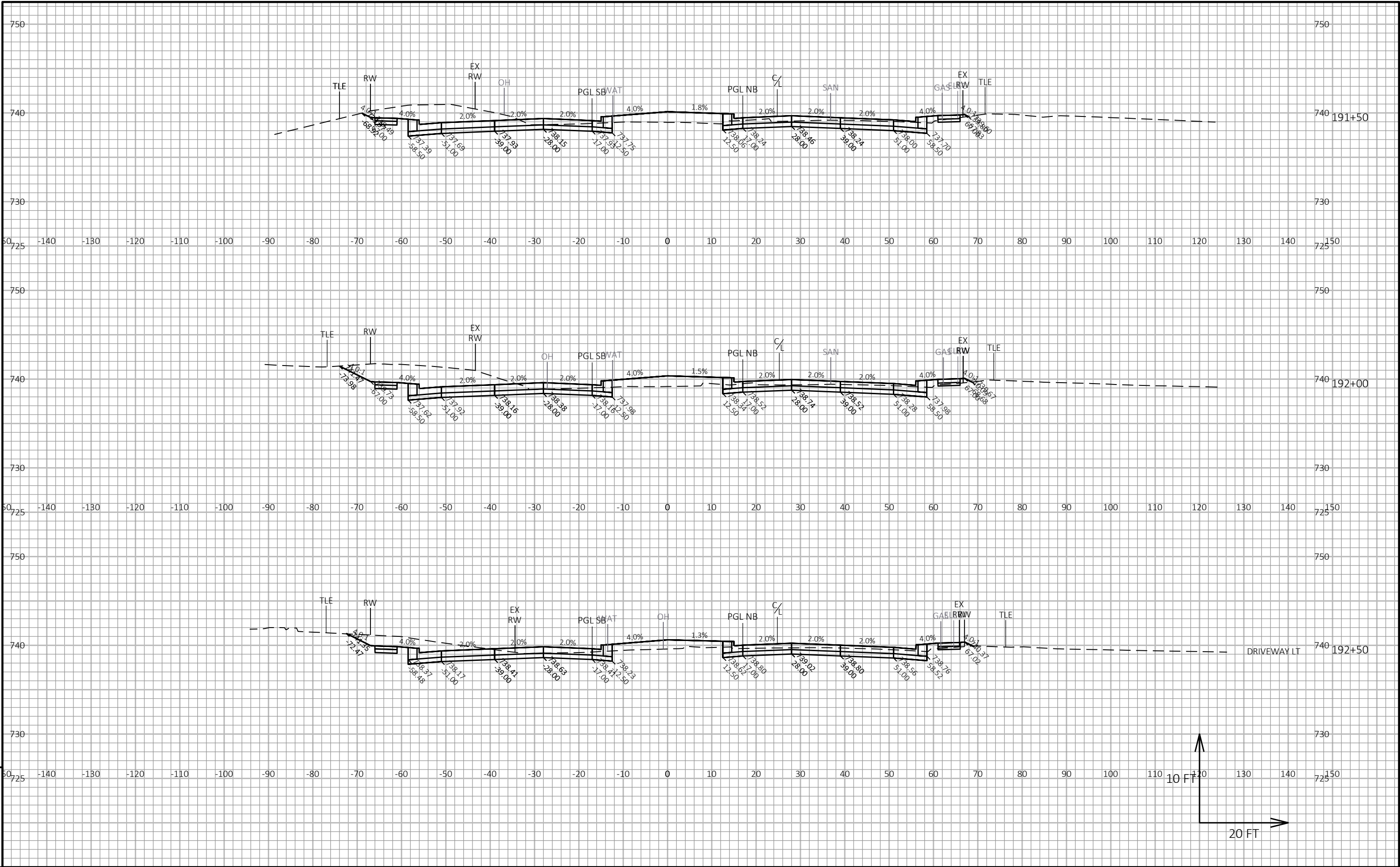


9

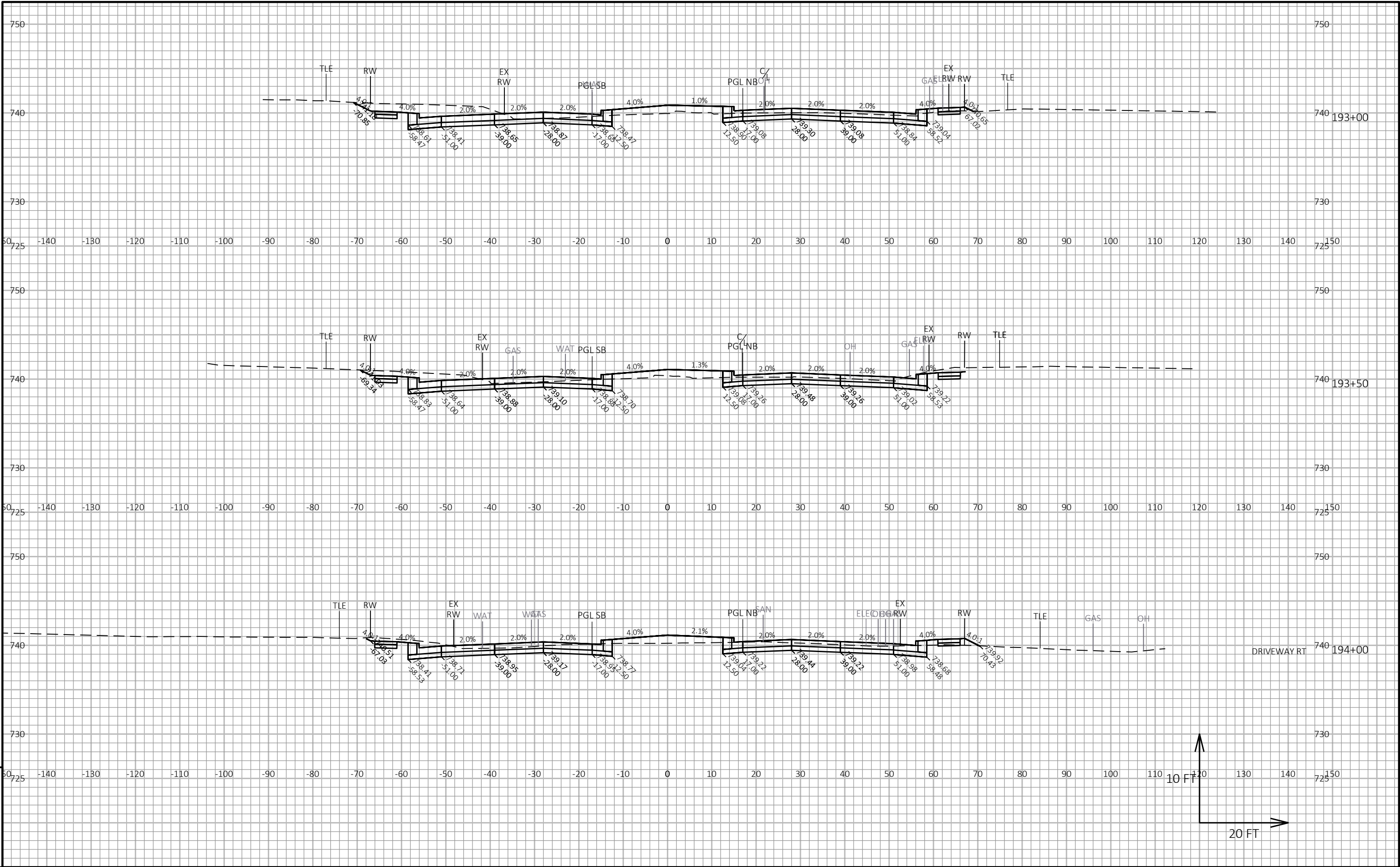
9

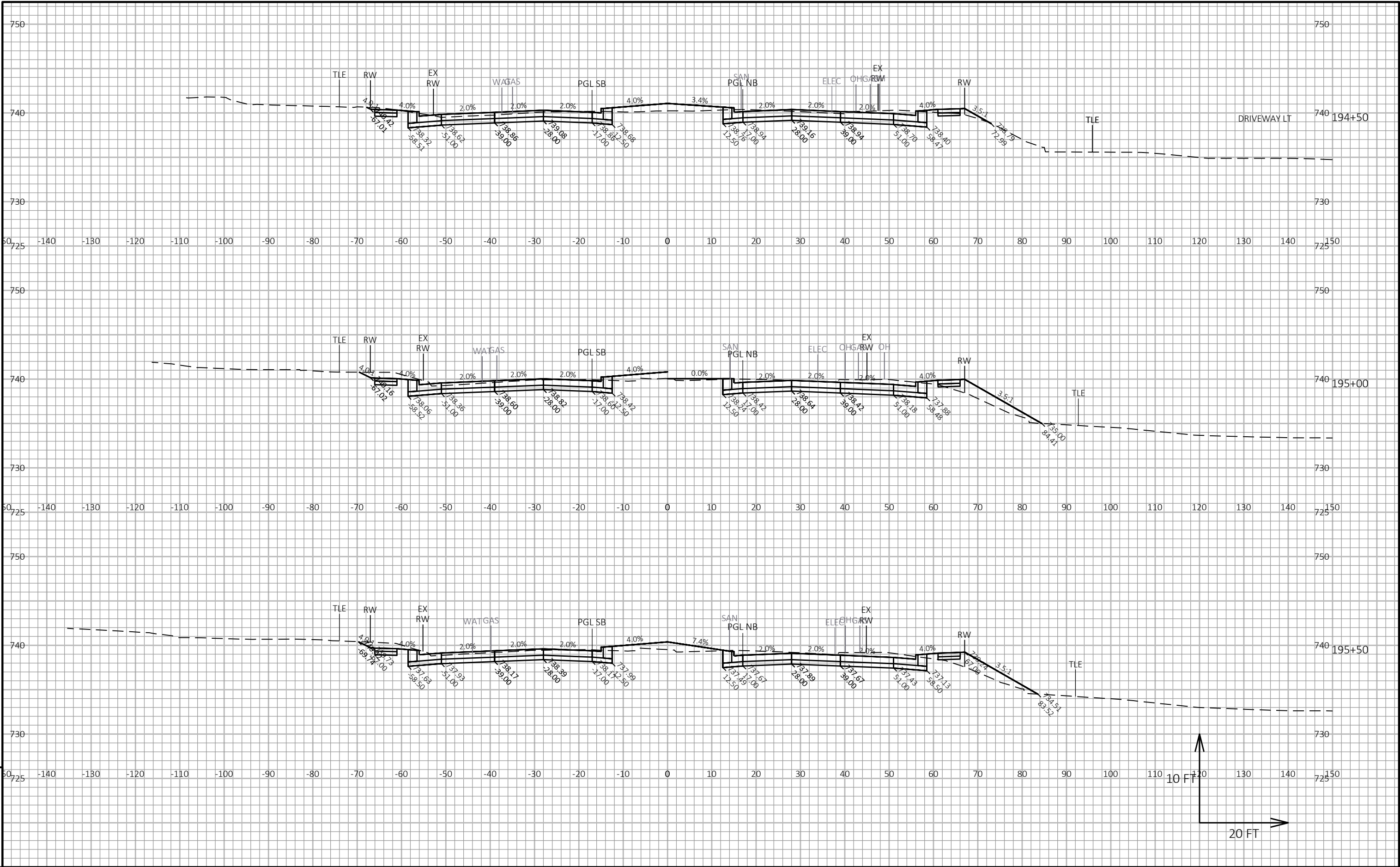
PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET	E
------------------------	-------------	----------------	------------------------	-------	---

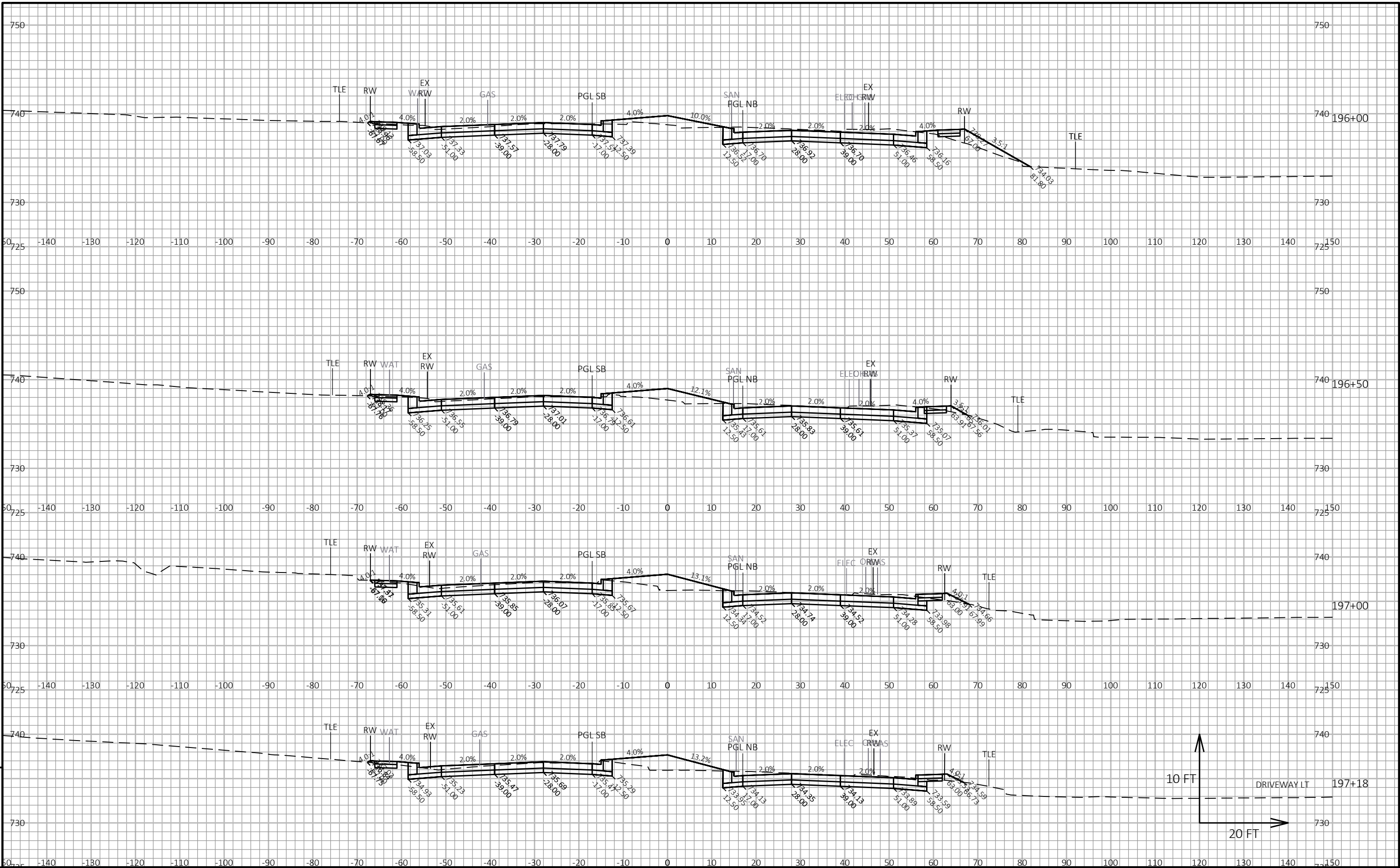


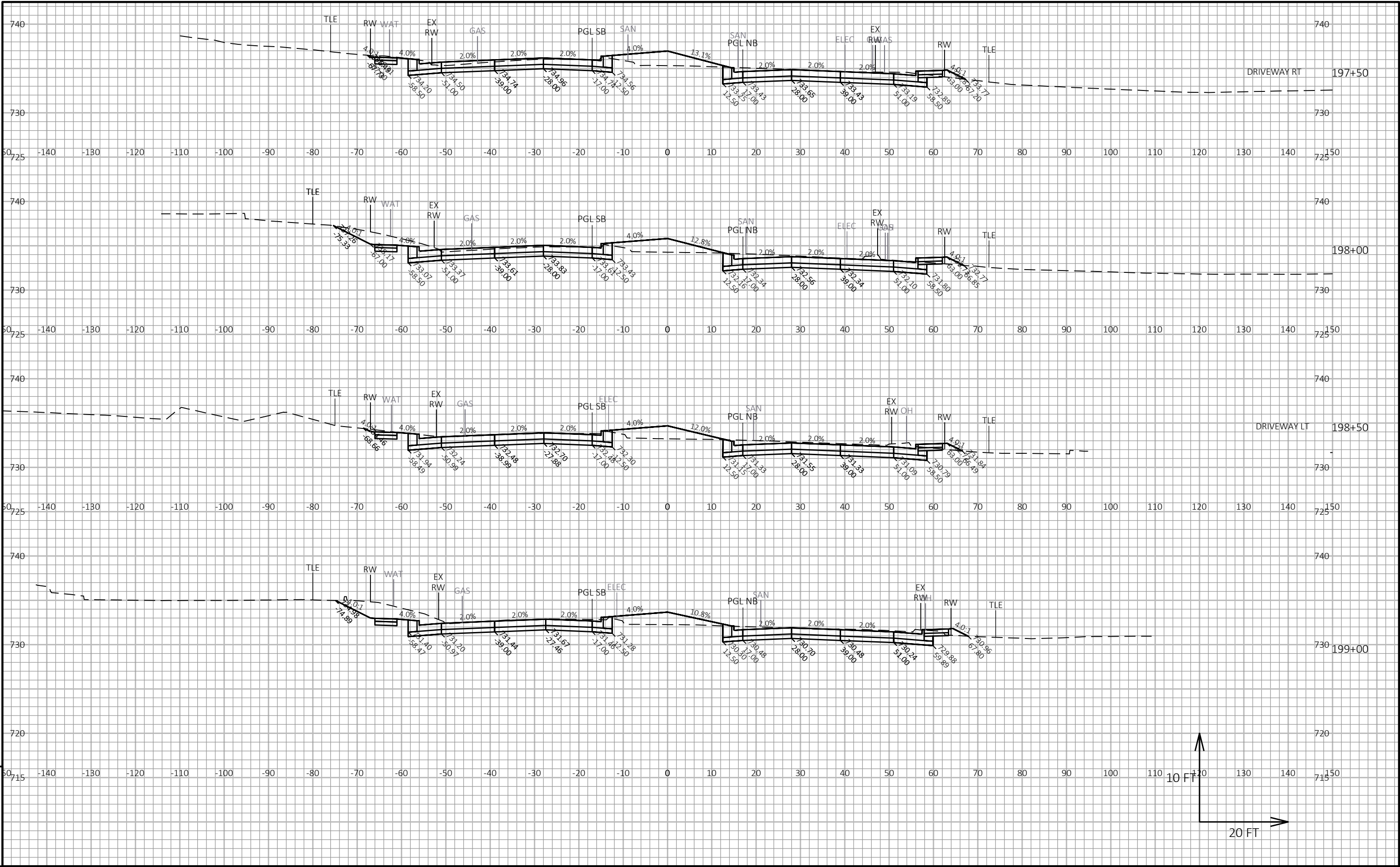


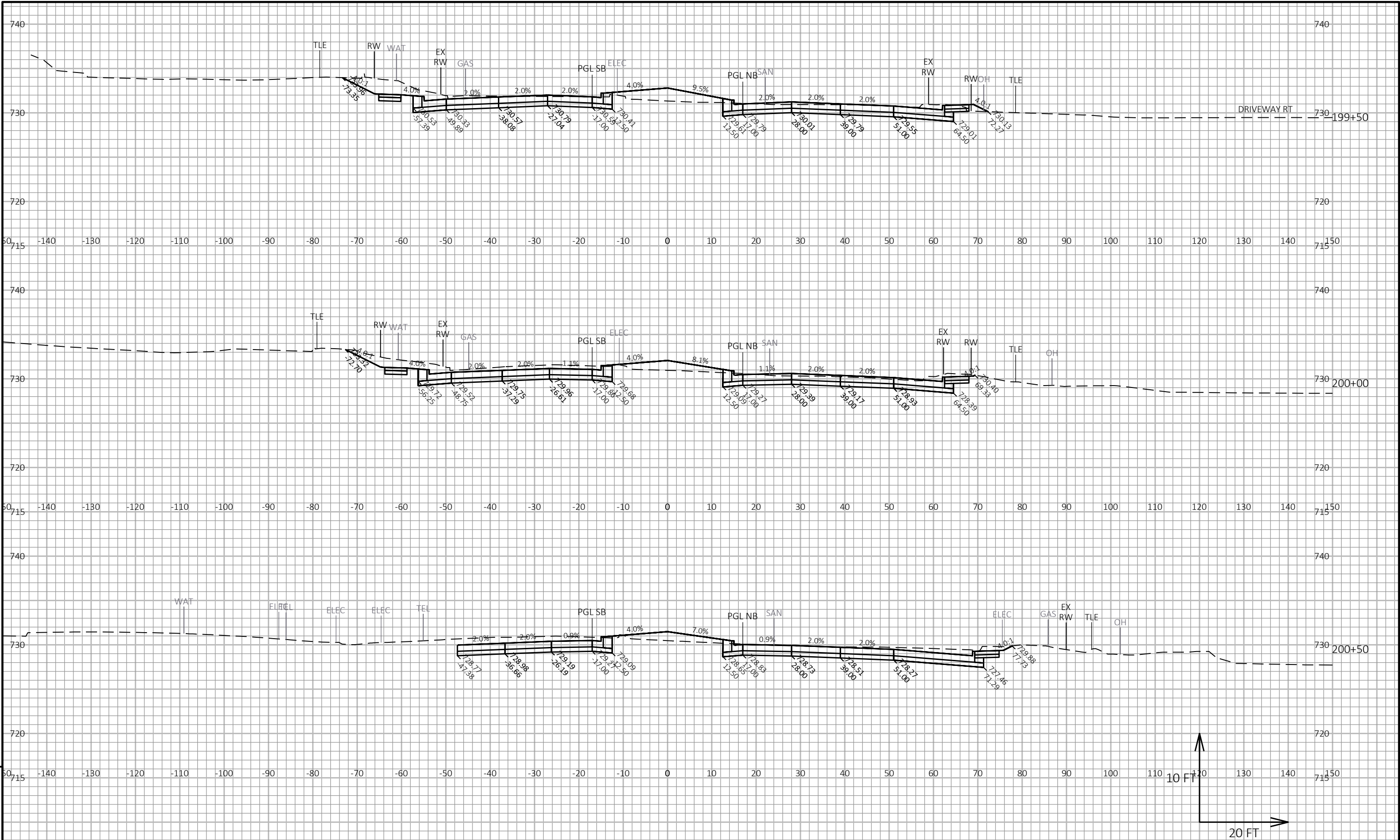
PROJECT NO:	2390-12-00	HWY:	STH 31	COUNTY:	RACINE	CROSS SECTIONS:	STH 31	SHEET	E
-------------	------------	------	--------	---------	--------	-----------------	--------	-------	---

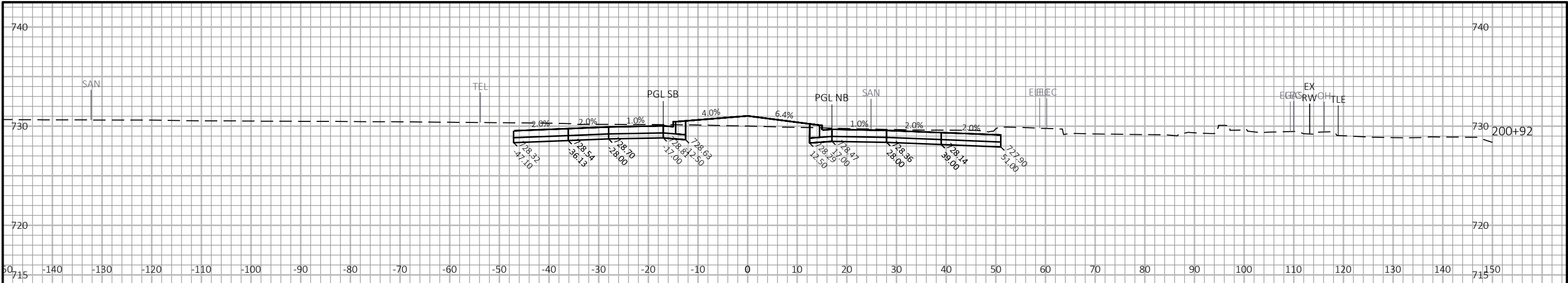












9



9

PROJECT NO: 2390-12-00	HWY: STH 31	COUNTY: RACINE	CROSS SECTIONS: STH 31	SHEET E
------------------------	-------------	----------------	------------------------	---------