

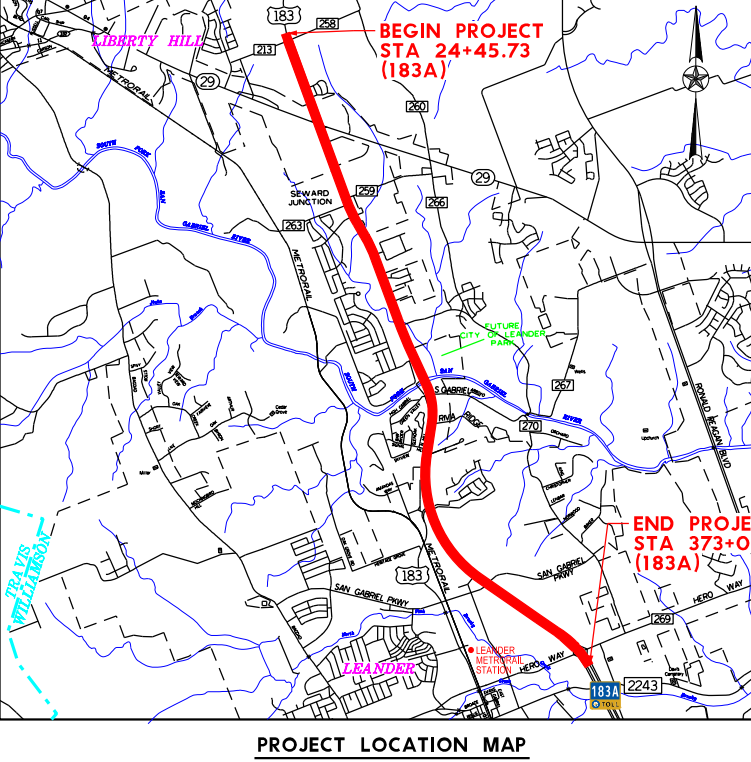
**PRELIMINARY DESIGN SCHEMATIC**  
**183A PHASE III**  
**FROM CR258/213 TO HERO WAY**  
**WILLIAMSON COUNTY**  
**FOR THE CONSTRUCTION OF MAINLANES, FRONTAGE**  
**ROADS AND RAMPS.**

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
183A MAINLINES	URBAN FREEWAY/PRINCIPAL ARTERIAL	70 MPH
FRONTAGE ROADS	URBAN ARTERIAL	50 MPH
RAMP	RAMP	50 MPH
COUNTY ROAD	URBAN MINOR ARTERIAL	40 MPH
	MAXIMUM SUPERELEVATION RATE (MINOR) = 6.0%	

CURRENT ADT: (2016) -  
 SA 29 TO US 183 33,800  
 US 183 TO HERO WAY 22,300

PROJECTED ADT: (2041) -  
 SA 29 TO US 183 33,800  
 US 183 TO HERO WAY 59,400

EQUATIONS: NONE  
 NET LENGTH OF ROADWAY: 5.94 MI  
 NET LENGTH OF BRIDGE: 0.46 MI  
 TOTAL LENGTH OF PROJECT: 6.40 MI



**LEGEND**

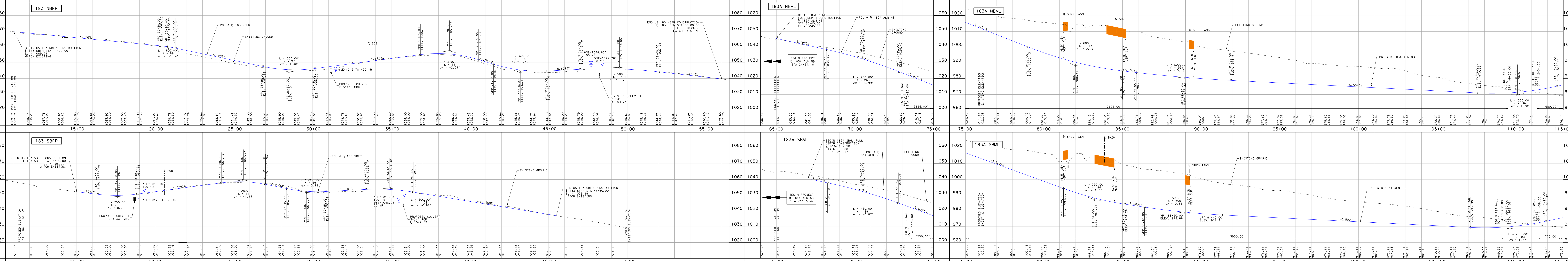
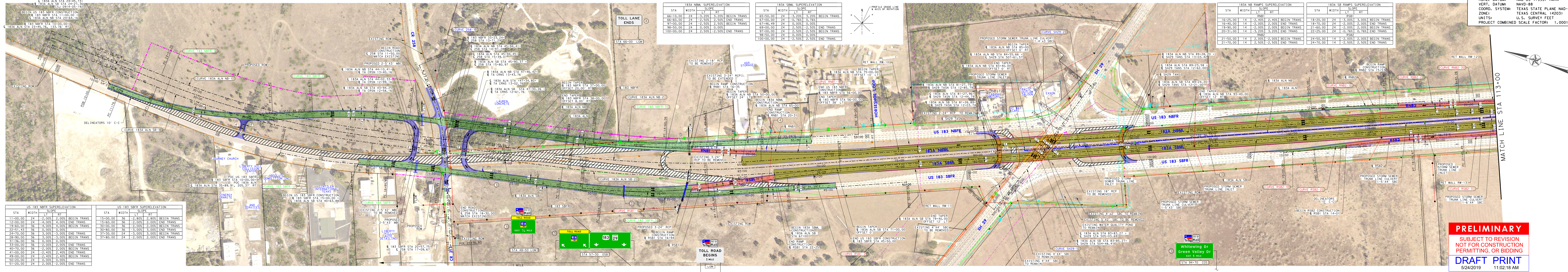
- PROPOSED MAINLANES
- PROPOSED FRONTAGE ROAD
- PROPOSED BRIDGES
- PROPOSED RAMPS
- PROPOSED CROSS STREETS
- PROPOSED SHARED USE PATH
- PROPOSED TOLL GANTRY
- RETAINING WALL
- CONTROL OF ACCESS (PROP)
- CONTROL OF ACCESS (EXIST)
- SAWCUT LINE
- PROPOSED ROW
- EXISTING ROW
- EXISTING STORM SEWER
- EXISTING DRAINAGE EASEMENT
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING LANE DIRECTIONAL INDICATOR
- PROPOSED LANE DIRECTIONAL INDICATOR
- DELINATOR
- STM SWR
- TEL UG
- FIBER OPTIC UG
- WATER
- OVERHEAD
- CABLE UG
- TELECOM UG
- ELECTRICAL UG
- WASTEWATER
- UNKNOWN

**ROADWAY SCHEMATIC**  
**BEGIN TO STA 113+00**  
**ROLL 1 OF 7**

NOT FOR CONSTRUCTION OR PERMIT PURPOSES. PREPARED UNDER THE SUPERVISION OF  
**RANDY L. EHREMAN**  
 P.E. SERIAL NO. 115628  
 5/24/2019

**WSP USA, INC.**  
 1601 SOUTH MADRID AVENUE, SUITE 325, AUSTIN, TX 78746  
 TEL: +1.737.703.3900  
 FAX: +1.737.703.3910  
 TEXAS REGISTRATION NO. 2263

**CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**



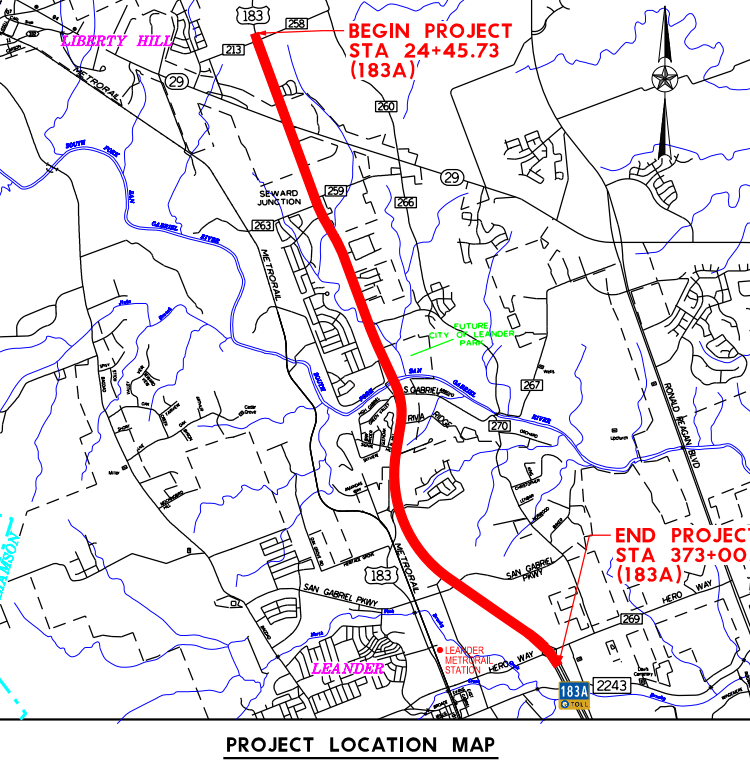
**PRELIMINARY DESIGN SCHEMATIC**  
**183A PHASE III**  
**FROM CR258/213 TO HERO WAY**  
**WILLIAMSON COUNTY**  
**FOR THE CONSTRUCTION OF MAINLANES, FRONTAGE**  
**ROADS AND RAMPS.**

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	MAXIMUM SUPERELEVATION RATE (MINOR) = 6.0%	

CURRENT ADT: (2016) -  
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EQUATIONS: NONE  
 NET LENGTH OF ROADWAY: 5.94 MI  
 NET LENGTH OF BRIDGE: 0.46 MI  
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**LEGEND**

- PROPOSED MAINLANES
- PROPOSED FRONTAGE ROAD
- PROPOSED BRIDGES
- PROPOSED RAMPS
- PROPOSED CROSS STREETS
- PROPOSED SHARED USE PATH
- PROPOSED TOLL GANTRY
- RETAINING WALL
- CONTROL OF ACCESS (PROP)
- CONTROL OF ACCESS (EXIST)
- SAWCUT LINE
- PROPOSED ROW
- EXISTING ROW
- EXISTING STORM SEWER
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- EXISTING LANE DIRECTIONAL INDICATOR
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- DELINATOR
- STM SWR
- TEL UG
- FIBER OPTIC UG
- WATER
- OVERHEAD
- CABLE UG
- TELECOM UG
- ELECTRICAL UG
- WASTEWATER
- UNKNOWN

**ROADWAY SCHEMATIC**  
**BEGIN TO STA 113+00**  
**ROLL 1 OF 7**

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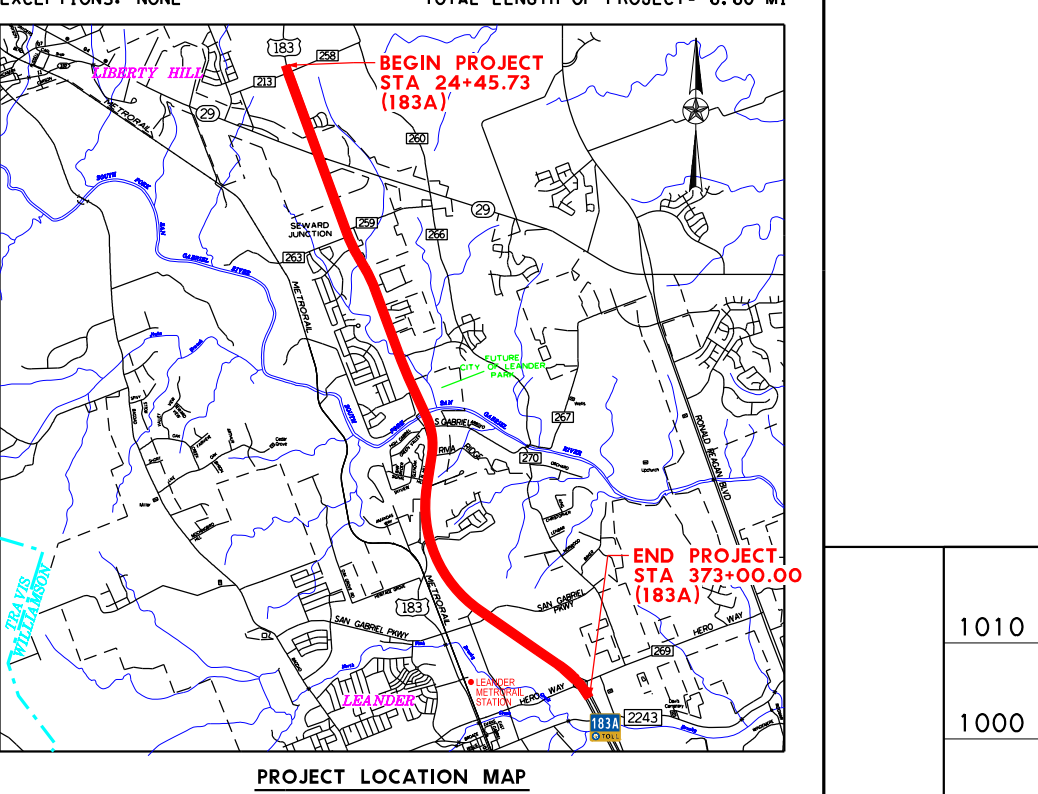
**PRELIMINARY**  
 SUBJECT TO REVISION  
 NOT FOR CONSTRUCTION  
 PERMITTING, OR BIDDING  
**DRAFT PRINT**  
 5/24/2019 11:02:18 AM



**PRELIMINARY DESIGN SCHEMATIC**  
**183A PHASE III**  
**FROM CR258/213 TO HERO WAY**  
**WILLIAMSON COUNTY**  
 FOR THE CONSTRUCTION OF MAINLANES, FRONTAGE  
 ROADS AND RAMPS.

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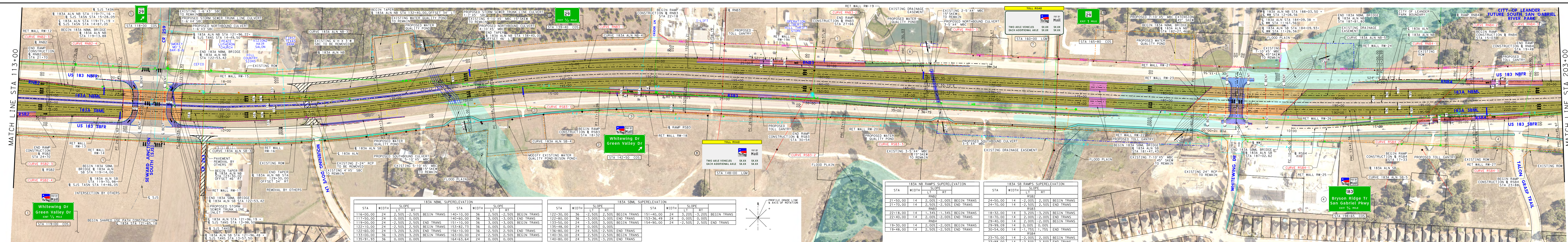
**LEGEND**

PROPOSED MAINLANES	STM SWR
PROPOSED FRONTAGE ROAD	TEL UG
PROPOSED BRIDGES	FIBER OPTIC UG
PROPOSED RAMPS	WATER
PROPOSED CROSS STREETS	OVERHEAD
PROPOSED SHARED USE PATH	CABLE UG
PROPOSED TOLL GANTRY	TELECOM UG
RETAINING WALL	ELECTRICAL UG
CONTROL OF ACCESS (PROP)	WASTEWATER
CONTROL OF ACCESS (EXIST)	UNKNOWN
SAWCUT LINE	NOTE: UTILITY LOCATIONS ARE APPROXIMATE AND BASED ON SUE OF 10'
PROPOSED ROW	
EXISTING ROW	
EXISTING STORM SEWER	
PROPOSED STORM SEWER	
EXISTING DRAINAGE EASEMENT	
EXISTING ROADWAY	
EXISTING ROADWAY TO BE REMOVED	
EXISTING LANE DIRECTIONAL INDICATOR	
PROPOSED LANE DIRECTIONAL INDICATOR	
DELINEATOR	

**ROADWAY SCHEMATIC**  
 STA 113+00 TO STA 203+00  
 ROLL 2 OF 7

WSP USA, INC. 1601 SOUTH MADRID EXPRESS SUITE 325, AUSTIN, TX 78746  
 TEL: +1-737-703-3900 FAX: +1-737-703-3910 TEXAS REGISTRATION NO. 2263

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

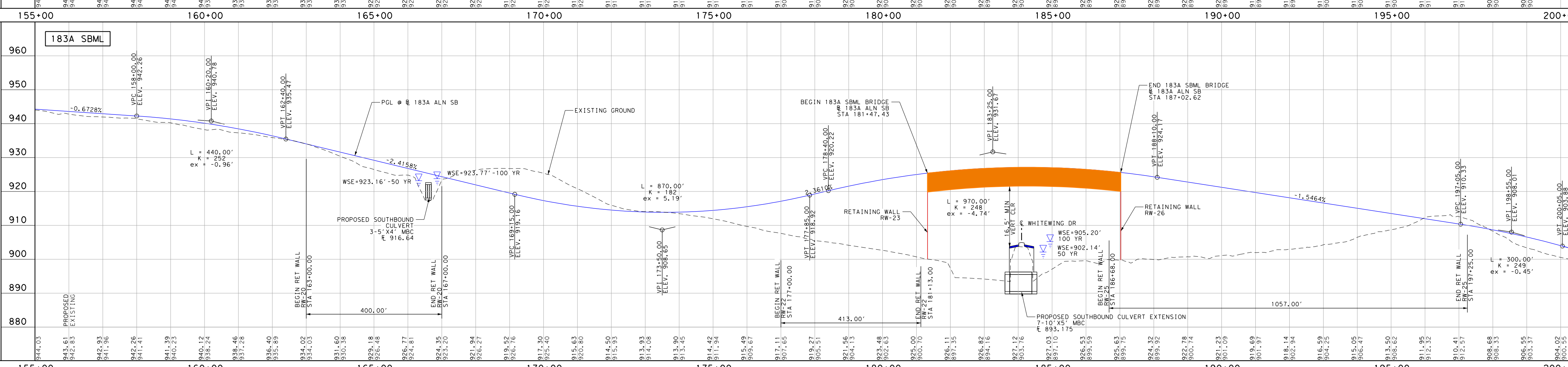
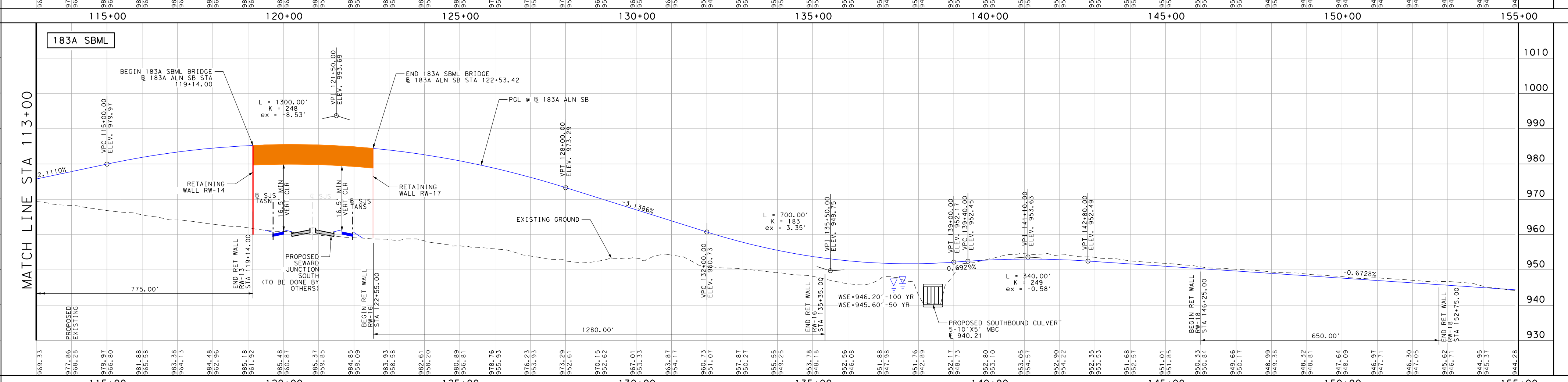
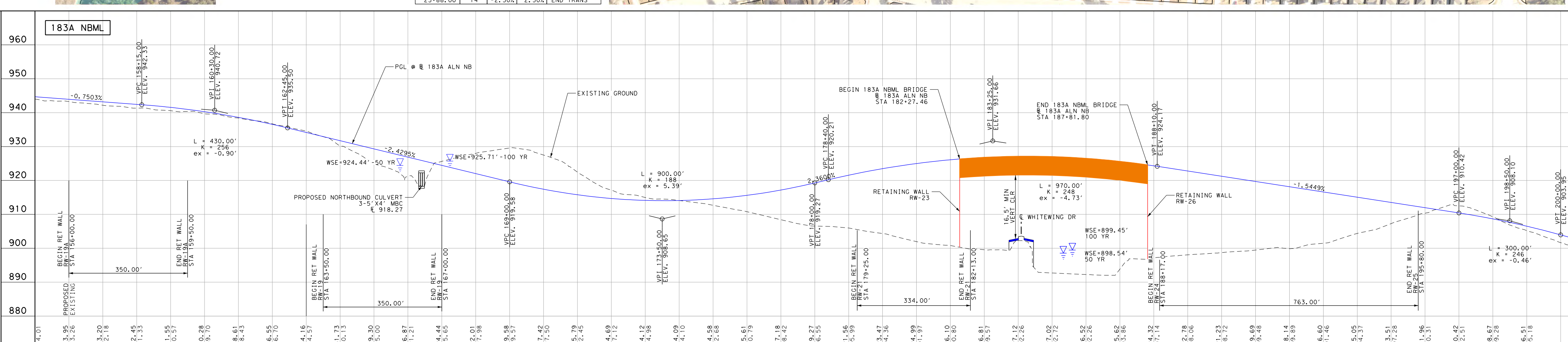
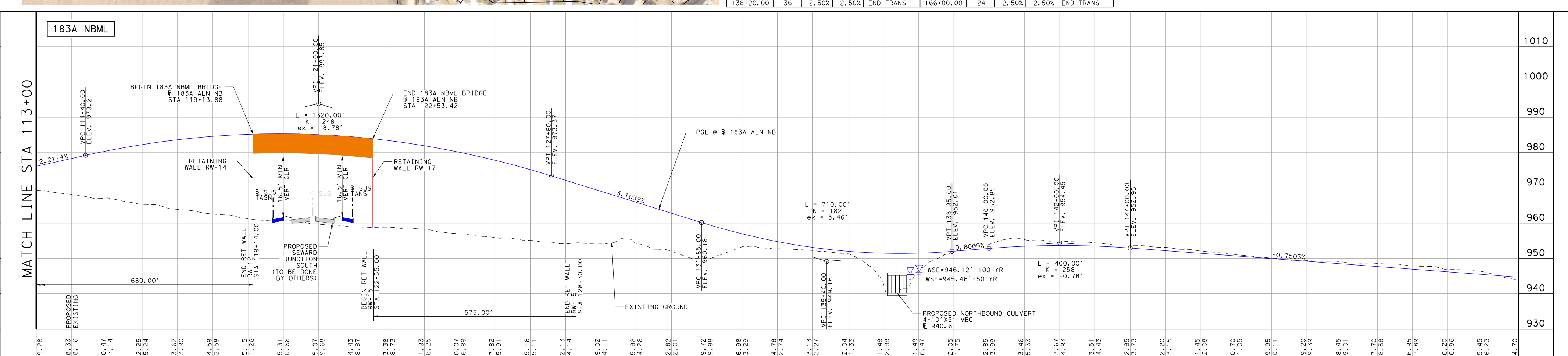


**183A NBL SUPERELEVATION**

STA	WIDTH	SLOPE	STA	WIDTH	SLOPE
116+00.00	24	2.50%	140+10.00	36	2.50%
117+00.00	24	0.00%	141+00.00	36	3.00%
118+00.00	24	0.00%	142+00.00	36	3.00%
119+00.00	24	0.00%	143+00.00	36	3.00%
120+00.00	24	0.00%	144+00.00	36	3.00%
121+00.00	24	0.00%	145+00.00	36	3.00%
122+00.00	24	0.00%	146+00.00	36	3.00%
123+00.00	24	0.00%	147+00.00	36	3.00%
124+00.00	24	0.00%	148+00.00	36	3.00%
125+00.00	24	0.00%	149+00.00	36	3.00%
126+00.00	24	0.00%	150+00.00	36	3.00%
127+00.00	24	0.00%	151+00.00	36	3.00%
128+00.00	24	0.00%	152+00.00	36	3.00%
129+00.00	24	0.00%	153+00.00	36	3.00%
130+00.00	24	0.00%	154+00.00	36	3.00%
131+00.00	24	0.00%	155+00.00	36	3.00%
132+00.00	24	0.00%	156+00.00	36	3.00%
133+00.00	24	0.00%	157+00.00	36	3.00%
134+00.00	24	0.00%	158+00.00	36	3.00%
135+00.00	24	0.00%	159+00.00	36	3.00%
136+00.00	24	0.00%	160+00.00	36	3.00%
137+00.00	24	0.00%	161+00.00	36	3.00%
138+00.00	24	0.00%	162+00.00	36	3.00%

**183A SBM SUPERELEVATION**

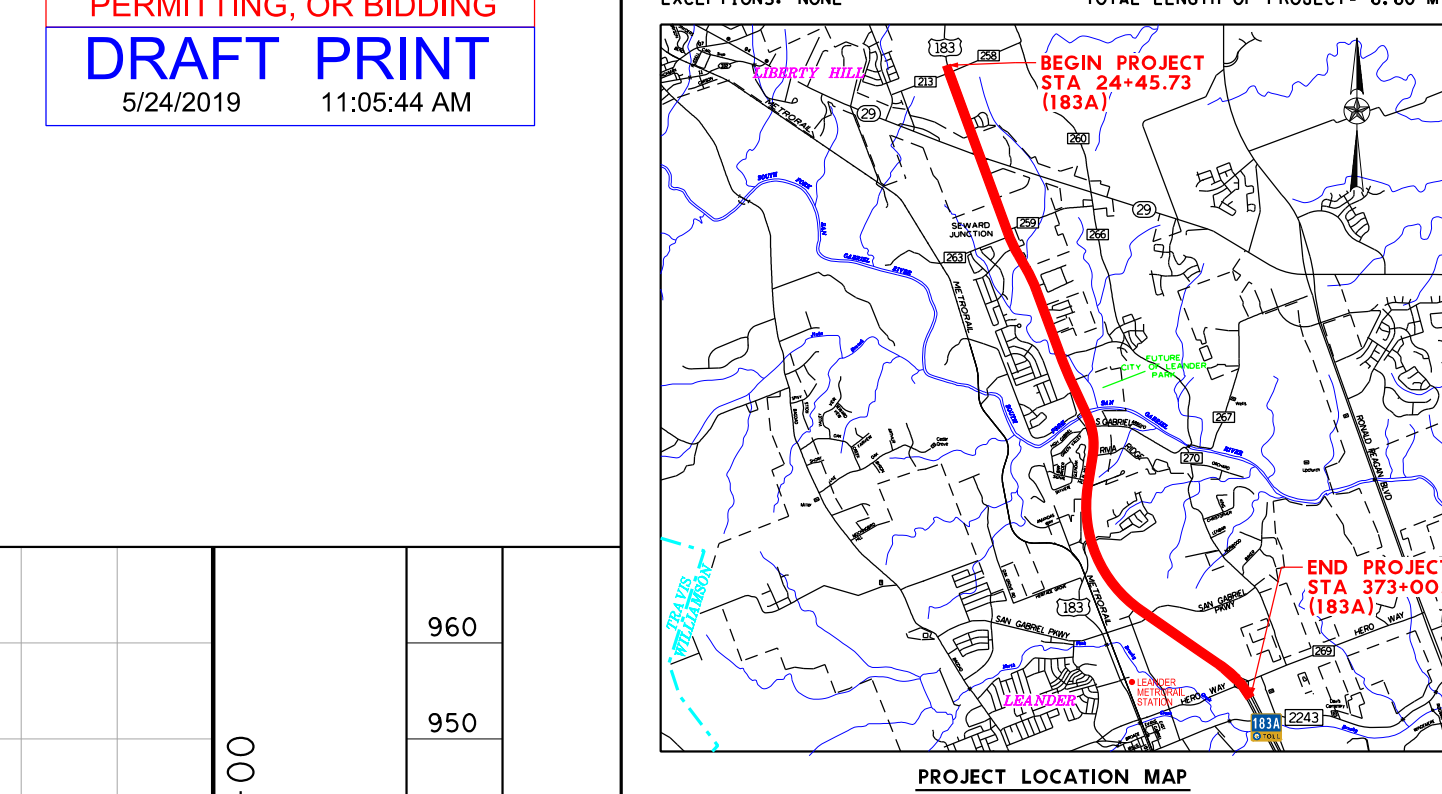
STA	WIDTH	SLOPE	STA	WIDTH	SLOPE
122+30.00	36	2.50%	151+40.00	24	3.20%
123+30.00	36	3.00%	152+40.00	24	3.20%
124+30.00	36	3.00%	153+40.00	24	3.20%
125+30.00	36	3.00%	154+40.00	24	3.20%
126+30.00	36	3.00%	155+40.00	24	3.20%
127+30.00	36	3.00%	156+40.00	24	3.20%
128+30.00	36	3.00%	157+40.00	24	3.20%
129+30.00	36	3.00%	158+40.00	24	3.20%
130+30.00	36	3.00%	159+40.00	24	3.20%
131+30.00	36	3.00%	160+40.00	24	3.20%
132+30.00	36	3.00%	161+40.00	24	3.20%
133+30.00	36	3.00%	162+40.00	24	3.20%
134+30.00	36	3.00%	163+40.00	24	3.20%
135+30.00	36	3.00%	164+40.00	24	3.20%
136+30.00	36	3.00%	165+40.00	24	3.20%
137+30.00	36	3.00%	166+40.00	24	3.20%
138+30.00	36	3.00%	167+40.00	24	3.20%
139+30.00	36	3.00%	168+40.00	24	3.20%
140+30.00	36	3.00%	169+40.00	24	3.20%
141+30.00	36	3.00%	170+40.00	24	3.20%



**PRELIMINARY DESIGN SCHEMATIC**  
**183A PHASE III**  
**FROM CR258/213 TO HERO WAY**  
**WILLIAMSON COUNTY**  
 FOR THE CONSTRUCTION OF MAINLANES, FRONTAGE  
 ROADS AND RAMPS.

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
183A MAINLANES	URBAN FREEWAY PRINCIPAL ARTERIAL	70 MPH
FRONTAGE ROADS	URBAN ARTERIAL	40 MPH
RAMP	RAMP	50 MPH
COUNTY ROAD	URBAN MINOR ARTERIAL	40 MPH

MAXIMUM SUPERELEVATION RATE (MIN/MI) = 6.0%



**LEGEND**

PROPOSED MAINLANES	STM SWR
PROPOSED FRONTAGE ROAD	TEL UG
PROPOSED BRIDGES	FIBER OPTIC UG
PROPOSED RAMPS	WATER
PROPOSED CROSS STREETS	OVERHEAD
PROPOSED SHARED USE PATH	CABLE UG
PROPOSED TOLL GANTRY	TELECOM UG
RETAINING WALL	ELECTRICAL UG
CONTROL OF ACCESS (PROP)	WASTEWATER
CONTROL OF ACCESS (EXIST)	UNKNOWN
SAWCUT LINE	NOTE: UTILITY LOCATIONS ARE APPROXIMATE AND BASED ON SUE OF 10'
PROPOSED ROW	
EXISTING ROW	
EXISTING STORM SEWER	
PROPOSED STORM SEWER	
EXISTING DRAINAGE EASEMENT	
EXISTING ROADWAY	
EXISTING ROADWAY TO BE REMOVED	
EXISTING LANE DIRECTIONAL INDICATOR	
PROPOSED LANE DIRECTIONAL INDICATOR	
DELINEATOR	

**ROADWAY SCHEMATIC**  
 STA 113+00 TO STA 203+00  
 ROLL 2 OF 7

WSP USA, INC. 1601 SOUTH MADRID EXPRESS SUITE 325, AUSTIN, TX 78746  
 TEL: +1-737-703-3900 FAX: +1-737-703-3910 TEXAS REGISTRATION NO. 2263

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY



**PRELIMINARY DESIGN SCHEMATIC**  
**183A PHASE III**  
 FROM CR258/213 TO HERO WAY  
 WILLIAMSON COUNTY  
 FOR THE CONSTRUCTION OF MAINLANES, FRONTAGE ROADS AND RAMPS.

CSJ 0914-05-192  
 5/24/2019 11:09:10 AM

**DRAFT PRINT**

**LEGEND**

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
183A MAINLANE	URBAN FREEWAY/PRINCIPAL ARTERIAL	70 MPH
FRONTAGE ROADS	URBAN ARTERIAL	50 MPH
RAMP	URBAN MINOR ARTERIAL	40 MPH
COUNTY ROAD	MAXIMUM SUPERELEVATION RATE (MINOR) = 6.0%	

CURRENT ADT: 120161  
 SA 29 TO US 183 33,800  
 US 183 TO HERO WAY 22,300

PROJECTED ADT: 120411  
 SA 29 TO US 183 90,100  
 US 183 TO HERO WAY 59,400

EQUATIONS: NONE  
 RAILROADS: NONE  
 NET LENGTH OF BRIDGE: 0.46 MI  
 NET LENGTH OF PROJECT: 6.60 MI

EXCEPTIONS: NONE

**PROJECT LOCATION MAP**  
 N.T.S.

**LEGEND**

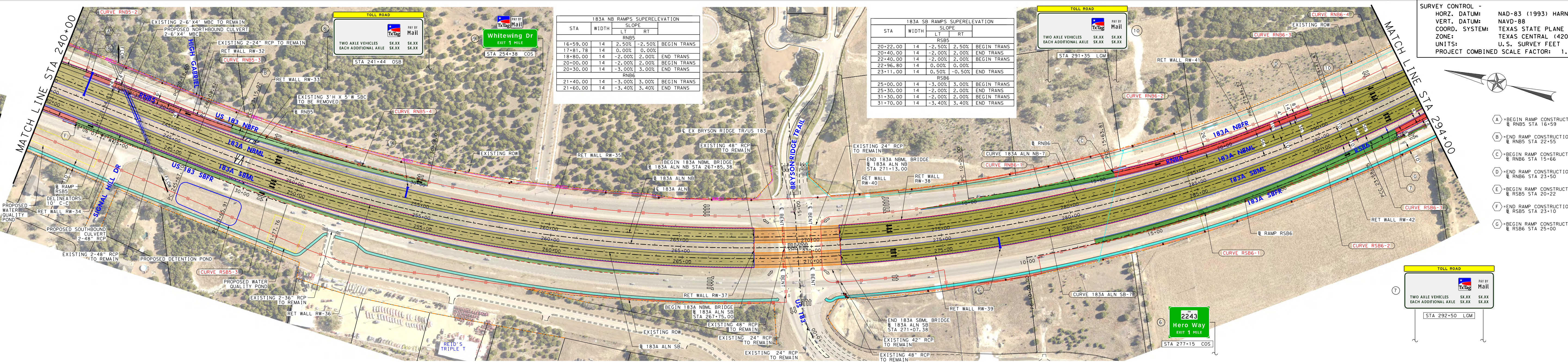
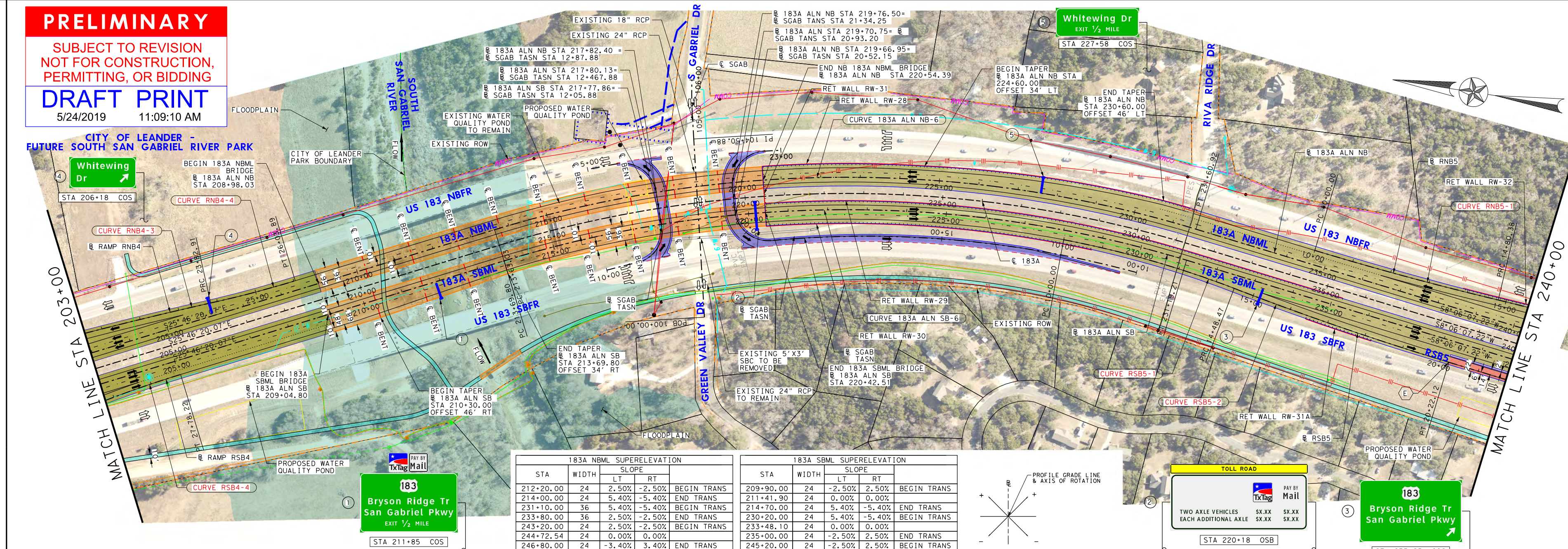
PROPOSED MAINLANES	STM SWR
PROPOSED FRONTAGE ROAD	TEL UG
PROPOSED BRIDGES	FIBER OPTIC UG
PROPOSED RAMPS	WATER
PROPOSED CROSS STREETS	OVERHEAD
PROPOSED SHARED USE PATH	CABLE UG
PROPOSED TOLL GANTRY	TELECOM UG
RETAINING WALL	ELECTRICAL UG
CONTROL OF ACCESS (PROP)	WASTEWATER
CONTROL OF ACCESS (EXIST)	UNKNOWN
SAWCUT LINE	NOTED UTILITY LOCATIONS BASED ON SUE DL 10
PROPOSED ROW	
EXISTING ROW	
EXISTING STORM SEWER	
PROPOSED STORM SEWER	
EXISTING DRAINAGE EASEMENT	
EXISTING ROADWAY	
EXISTING ROADWAY TO BE REMOVED	
EXISTING LANE DIRECTIONAL INDICATOR	
PROPOSED LANE DIRECTIONAL INDICATOR	
DELINTEATOR	

NOT FOR CONSTRUCTION OR PERMIT PURPOSES. PREPARED UNDER THE SUPERVISION OF RANDY L. EHRESMAN, P.E. SERIAL NO. 115628, 5/24/2019

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**CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

**ROADWAY SCHEMATIC**  
 STA 203+00 TO STA 294+00  
 ROLL 3 OF 7



**PRELIMINARY DESIGN SCHEMATIC**  
**183A PHASE III**  
 FROM CR258/213 TO HERO WAY  
 WILLIAMSON COUNTY  
 FOR THE CONSTRUCTION OF MAINLANES, FRONTAGE ROADS AND RAMPS.

CSJ 0914-05-192  
 5/24/2019 11:09:10 AM

**DRAFT PRINT**

**LEGEND**

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
183A MAINLANE	URBAN FREEWAY/PRINCIPAL ARTERIAL	70 MPH
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EXCEPTIONS: NONE

**PROJECT LOCATION MAP**  
 N.T.S.

**LEGEND**

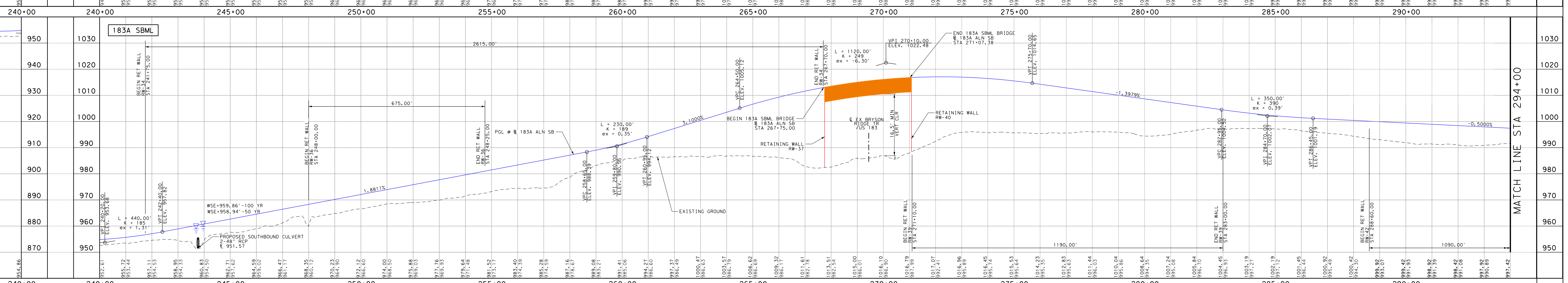
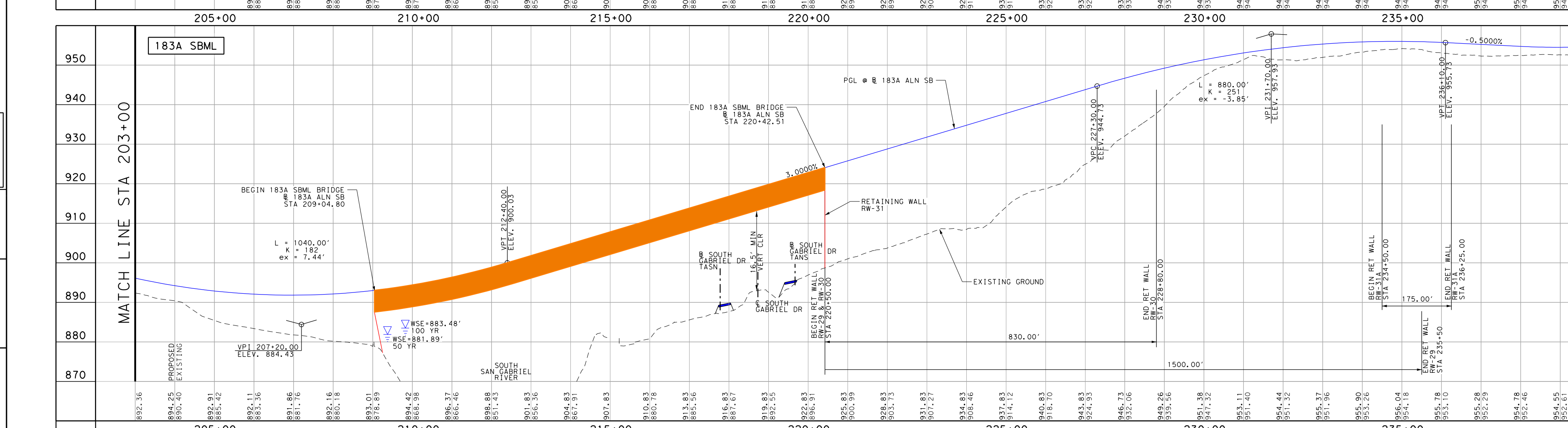
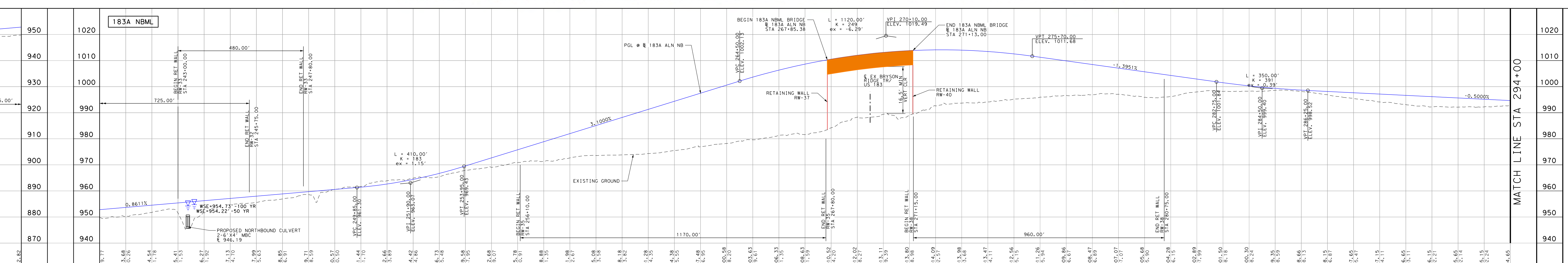
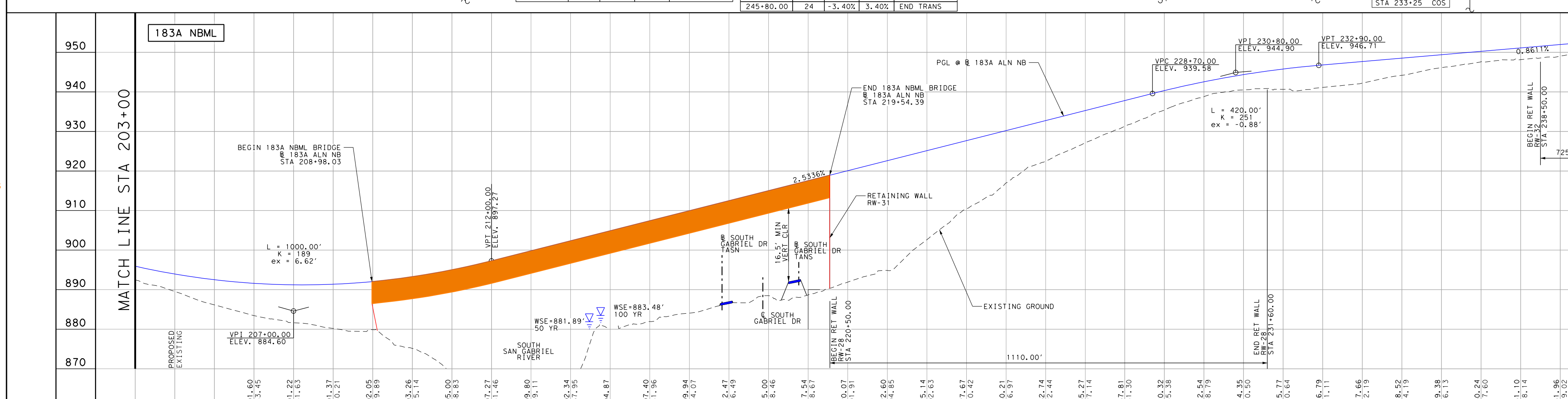
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EXISTING ROW	
EXISTING STORM SEWER	
PROPOSED STORM SEWER	
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EXISTING LANE DIRECTIONAL INDICATOR	
PROPOSED LANE DIRECTIONAL INDICATOR	
DELINTEATOR	

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**ROADWAY SCHEMATIC**  
 STA 203+00 TO STA 294+00  
 ROLL 3 OF 7



**PRELIMINARY DESIGN SCHEMATIC**  
**183A PHASE III**  
 FROM CR258/213 TO HERO WAY  
 WILLIAMSON COUNTY  
 FOR THE CONSTRUCTION OF MAINLANES, FRONTAGE ROADS AND RAMPS.

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**LEGEND**

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**LEGEND**

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PROPOSED FRONTAGE ROAD	TEL UG
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PROPOSED RAMPS	WATER
PROPOSED CROSS STREETS	OVERHEAD
PROPOSED SHARED USE PATH	CABLE UG
PROPOSED TOLL GANTRY	TELECOM UG
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CONTROL OF ACCESS (PROP)	WASTEWATER
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SAWCUT LINE	NOTED UTILITY LOCATIONS BASED ON SUE DL 10
PROPOSED ROW	
EXISTING ROW	
EXISTING STORM SEWER	
PROPOSED STORM SEWER	
EXISTING DRAINAGE EASEMENT	
EXISTING ROADWAY	
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**ROADWAY SCHEMATIC**  
 STA 203+00 TO STA 294+00  
 ROLL 3 OF 7



**PRELIMINARY DESIGN SCHEMATIC  
183A PHASE III  
FROM CR258/213 TO  
HERO WAY**  
WILLIAMSON COUNTY  
FOR THE CONSTRUCTION OF MAINLANES, FRONTAGE  
ROADS AND RAMPS.

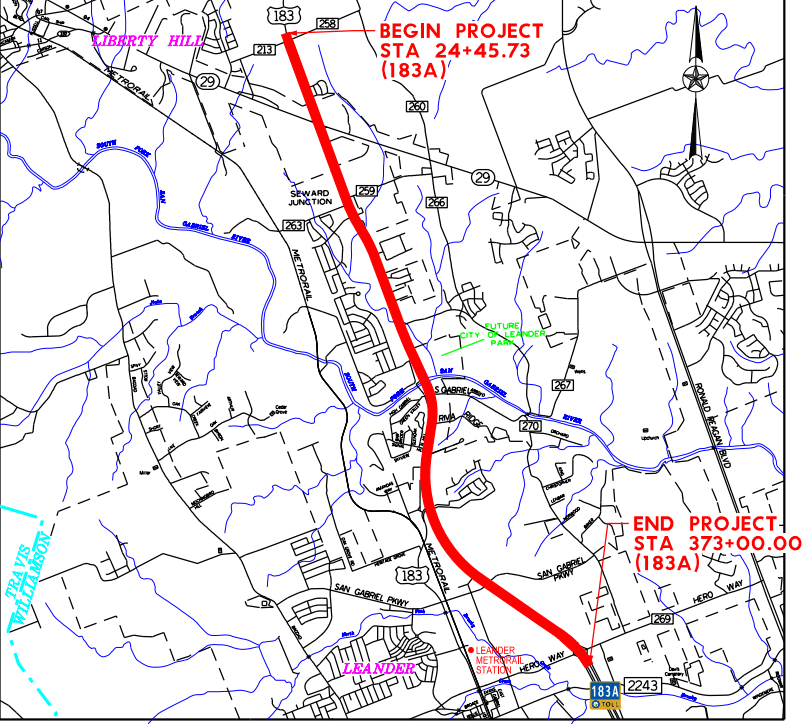
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SA 29 TO US 183 33,800  
US 183 TO HERO WAY 22,300

PROJECTED ADT: 120411  
SA 29 TO US 183 90,100  
US 183 TO HERO WAY 59,400

EQUATIONS: NONE  
RAILROADS: NONE  
EXCEPTIONS: NONE

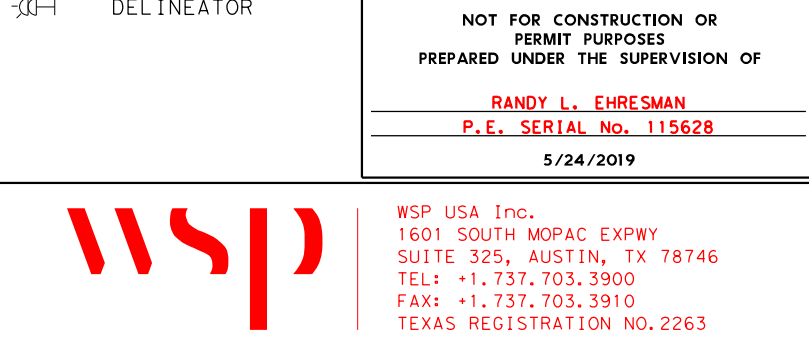
NET LENGTH OF ROADWAY: 5.94 MI  
NET LENGTH OF BRIDGE: 0.46 MI  
TOTAL LENGTH OF PROJECT: 6.60 MI



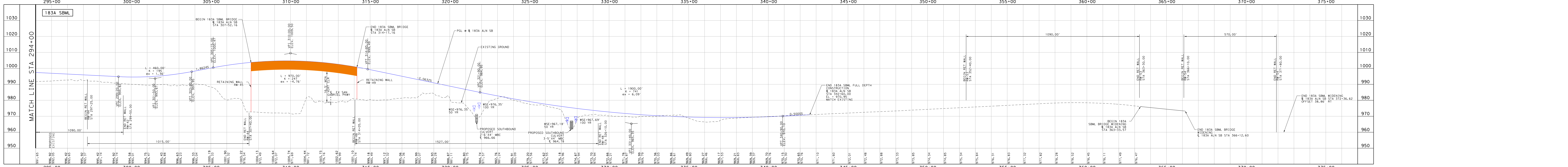
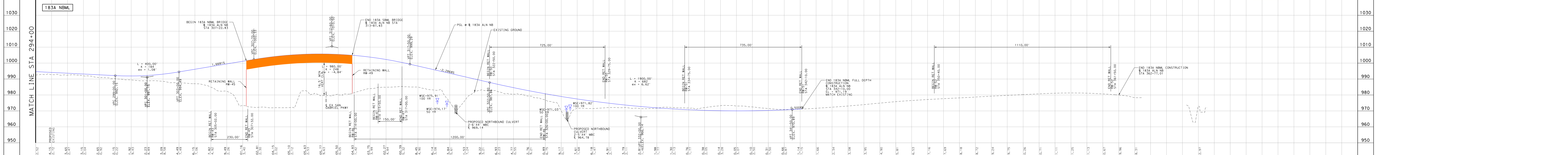
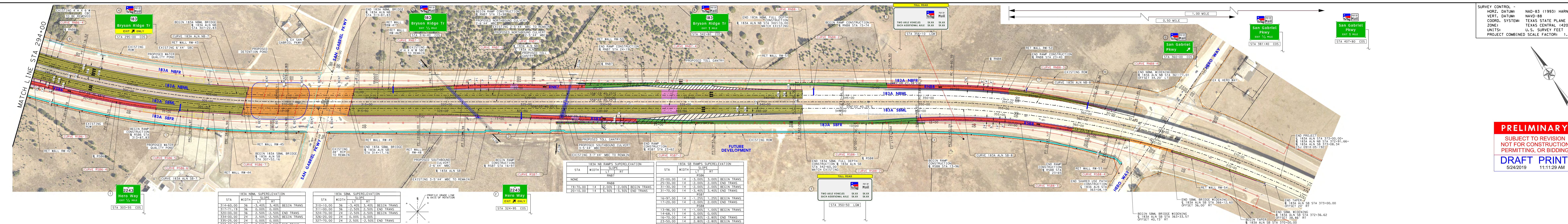
**LEGEND**

- PROPOSED MAINLANES
- PROPOSED FRONTAGE ROAD
- PROPOSED BRIDGES
- PROPOSED RAMPS
- PROPOSED CROSS STREETS
- PROPOSED SHARED USE PATH
- PROPOSED TOLL GANTRY
- RETAINING WALL
- CONTROL OF ACCESS (PROP)
- CONTROL OF ACCESS (EXIST)
- SAWCUT LINE
- PROPOSED ROW
- EXISTING ROW
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING DRAINAGE EASEMENT
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING LANE DIRECTIONAL INDICATOR
- PROPOSED LANE DIRECTIONAL INDICATOR
- DELINEATOR

NOT FOR CONSTRUCTION OR PERMIT PURPOSES. PREPARED UNDER THE SUPERVISION OF  
**RANDY L. EHRESMAN**  
P.E. SERIAL NO. 115628  
5/24/2019



**ROADWAY SCHEMATIC  
STA 294+00 TO END  
ROLL 4 OF 7**



**PRELIMINARY DESIGN SCHEMATIC  
183A PHASE III  
FROM CR258/213 TO  
HERO WAY**  
WILLIAMSON COUNTY  
FOR THE CONSTRUCTION OF MAINLANES, FRONTAGE  
ROADS AND RAMPS.

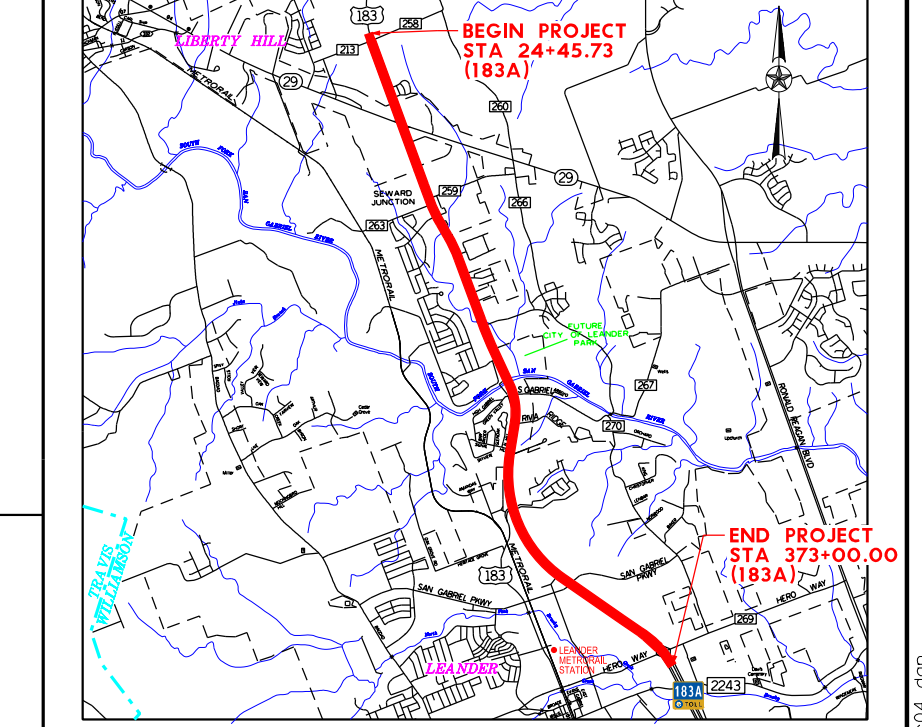
ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
183A MAINLANES	URBAN FREEWAY PRINCIPAL ARTERIAL	70 MPH
FRONTAGE ROADS	URBAN ARTERIAL	50 MPH
RAMP	RAMP	50 MPH
COUNTY ROAD	URBAN MINOR ARTERIAL	50 MPH

CURRENT ADT: 120161  
SA 29 TO US 183 33,800  
US 183 TO HERO WAY 22,300

PROJECTED ADT: 120411  
SA 29 TO US 183 90,100  
US 183 TO HERO WAY 59,400

EQUATIONS: NONE  
RAILROADS: NONE  
EXCEPTIONS: NONE

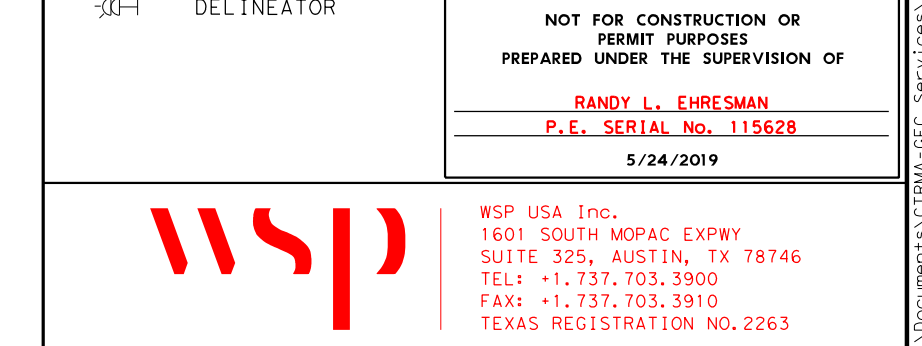
NET LENGTH OF ROADWAY: 5.94 MI  
NET LENGTH OF BRIDGE: 0.46 MI  
TOTAL LENGTH OF PROJECT: 6.60 MI



**LEGEND**

- PROPOSED MAINLANES
- PROPOSED FRONTAGE ROAD
- PROPOSED BRIDGES
- PROPOSED RAMPS
- PROPOSED CROSS STREETS
- PROPOSED SHARED USE PATH
- PROPOSED TOLL GANTRY
- RETAINING WALL
- CONTROL OF ACCESS (PROP)
- CONTROL OF ACCESS (EXIST)
- SAWCUT LINE
- PROPOSED ROW
- EXISTING ROW
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING DRAINAGE EASEMENT
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING LANE DIRECTIONAL INDICATOR
- PROPOSED LANE DIRECTIONAL INDICATOR
- DELINEATOR

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**RANDY L. EHRESMAN**  
P.E. SERIAL NO. 115628  
5/24/2019



**ROADWAY SCHEMATIC  
STA 294+00 TO END  
ROLL 4 OF 7**

**PRELIMINARY**  
SUBJECT TO REVISION  
NOT FOR CONSTRUCTION  
PERMITTING, OR BIDDING  
**DRAFT PRINT**  
5/24/2019 11:11:29 AM

**SURVEY CONTROL**  
HORIZ. DATUM: NAD-83 (1993) HARN  
VERT. DATUM: NAVD-88  
COORD. SYSTEM: TEXAS STATE PLANE NAD-83  
ZONE: TEXAS CENTRAL (4203)  
UNITS: U.S. SURVEY FEET  
PROJECT COMBINED SCALE FACTOR: 1.00012



**PRELIMINARY DESIGN SCHEMATIC  
183A PHASE III  
FROM CR258/213 TO  
HERO WAY**  
WILLIAMSON COUNTY  
FOR THE CONSTRUCTION OF MAINLANES, FRONTAGE  
ROADS AND RAMPS.

CSJ 0914-05-192

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
183A MAINLANES	URBAN FREEWAY PRINCIPAL ARTERIAL	70 MPH
FRONTAGE ROADS	URBAN ARTERIAL	50 MPH
RAMP	URBAN MINOR ARTERIAL	50 MPH
COUNTY ROAD	URBAN MINOR ARTERIAL	50 MPH

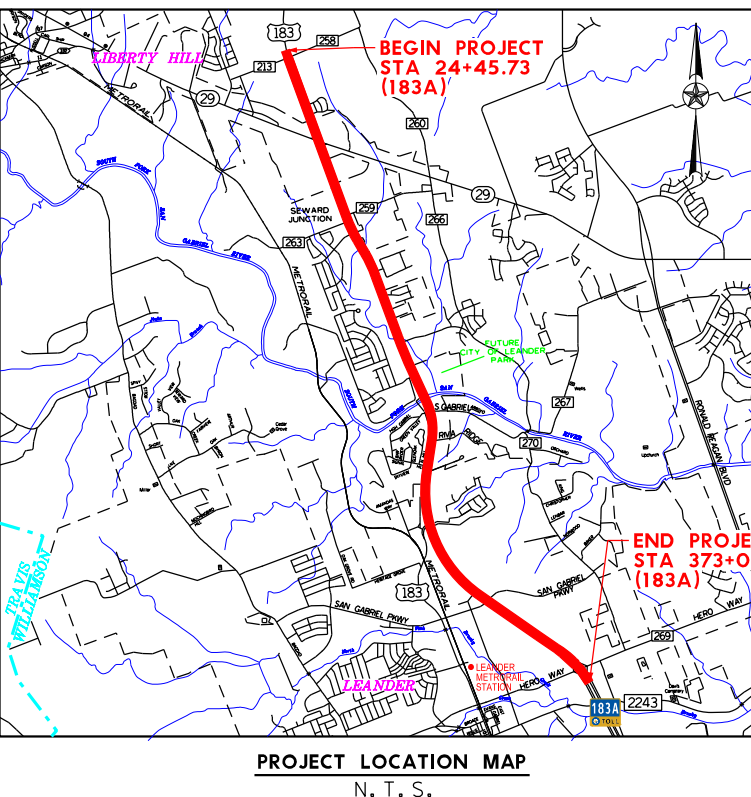
MAXIMUM SUPERELEVATION RATE (MIN/MI) = 6.0%

CURRENT ADT: 120161  
SH 29 TO US 183 33,800  
US 183 TO HERO WAY 22,300

PROJECTED ADT: 120411  
SH 29 TO US 183 33,800  
US 183 TO HERO WAY 59,400

EQUATIONS: NONE  
RAILROADS: NONE  
EXCEPTIONS: NONE

NET LENGTH OF ROADWAY = 5.94 MI  
NET LENGTH OF BRIDGE = 0.66 MI  
TOTAL LENGTH OF PROJECT = 6.60 MI



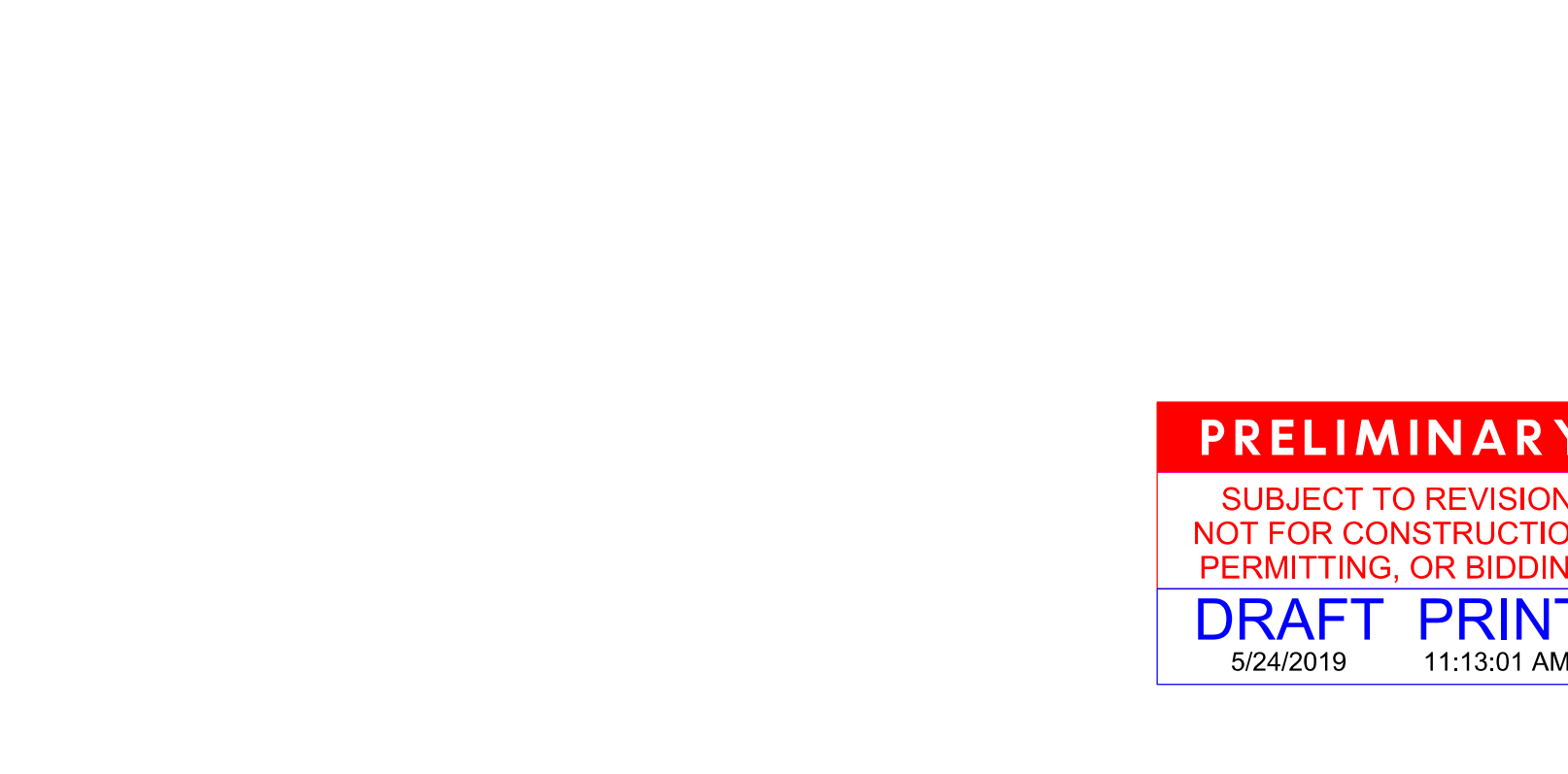
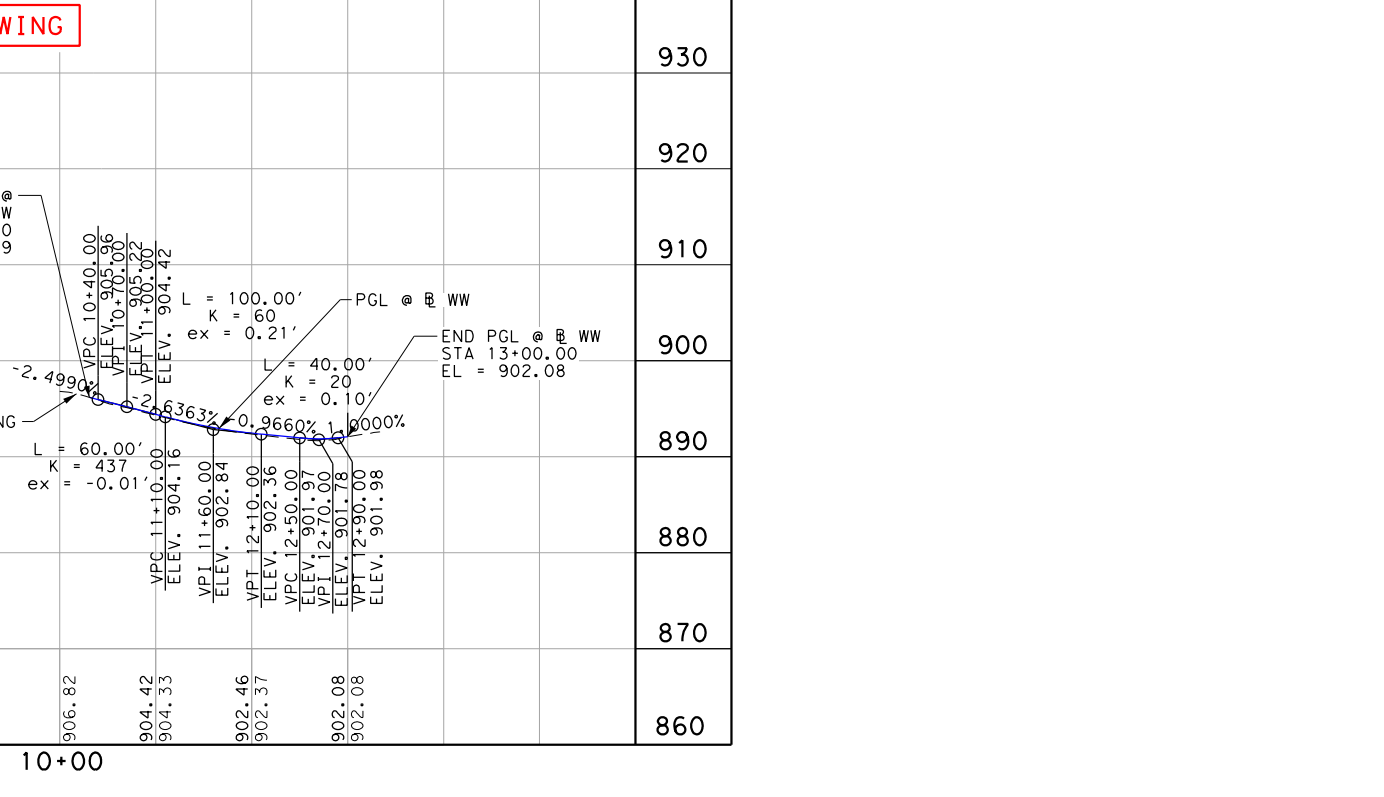
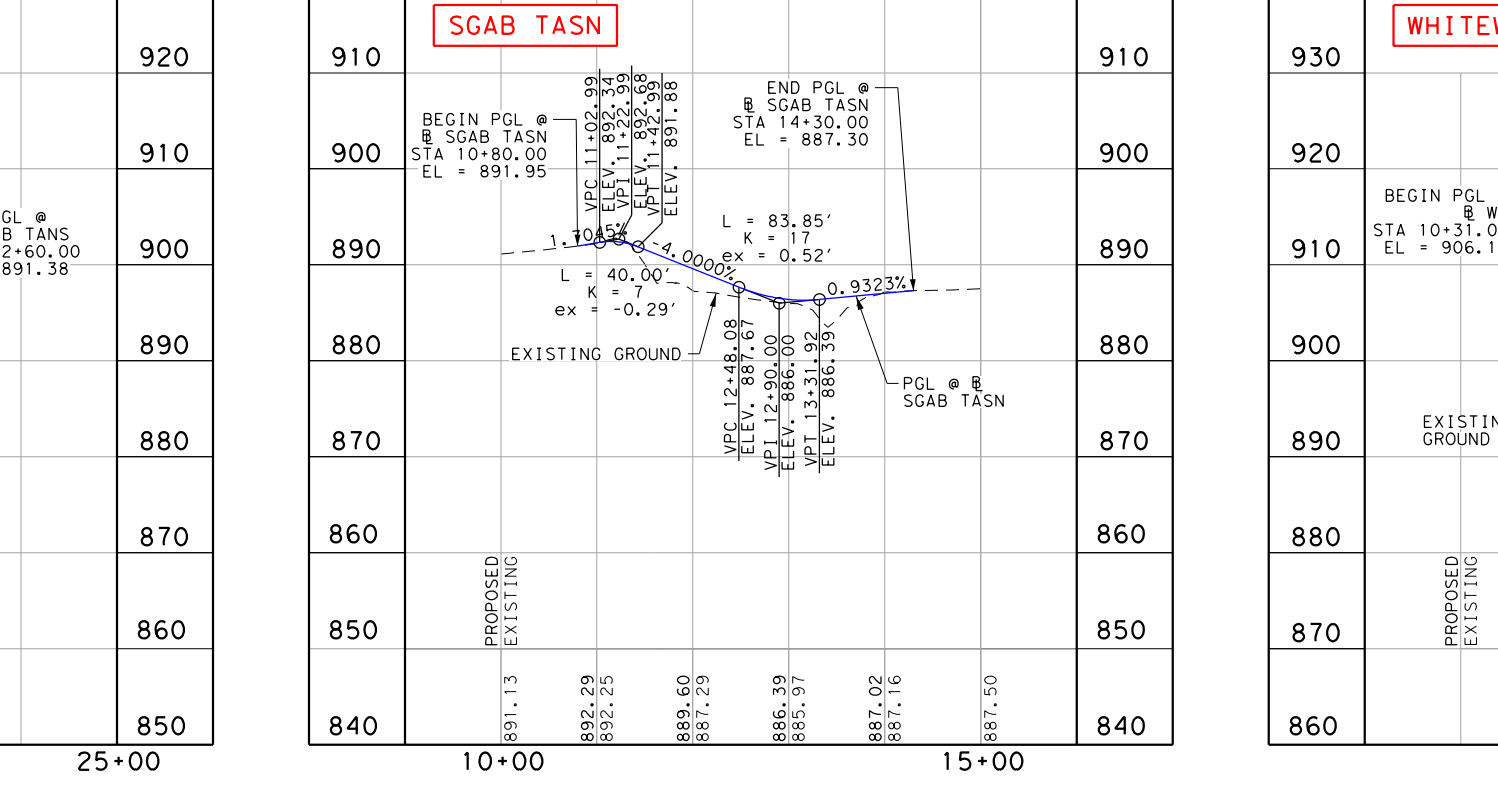
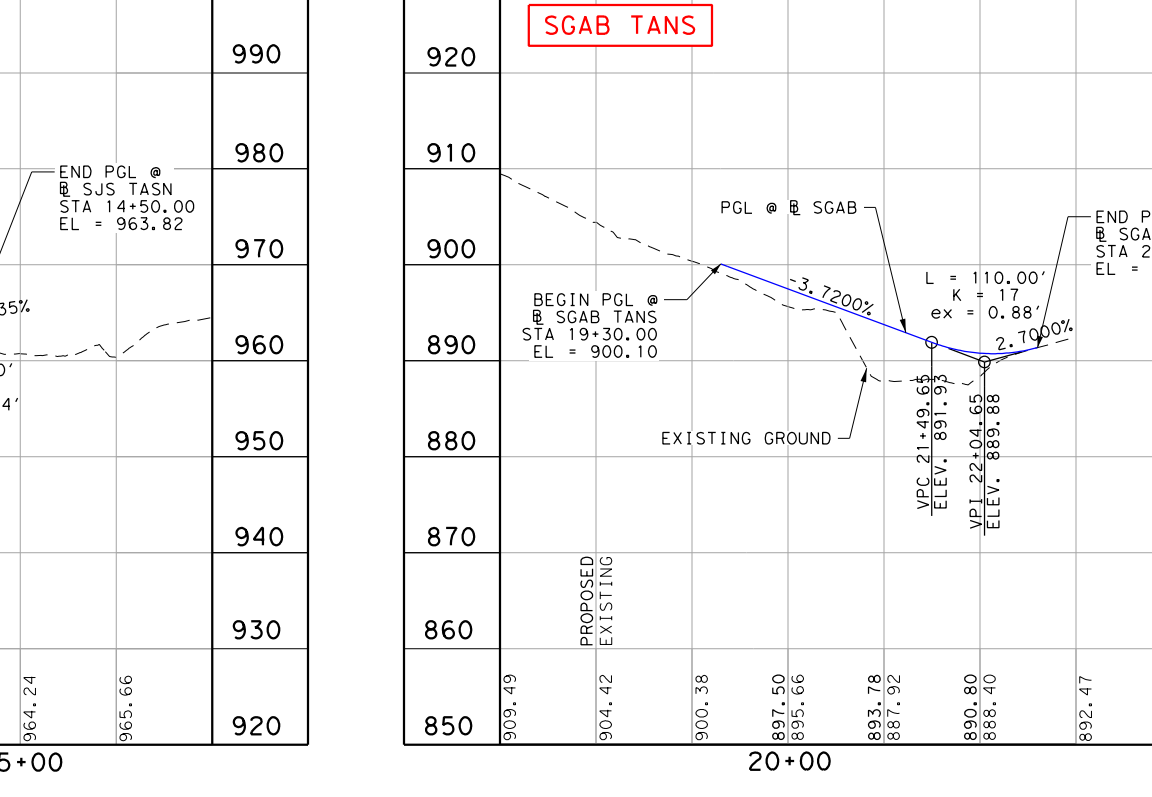
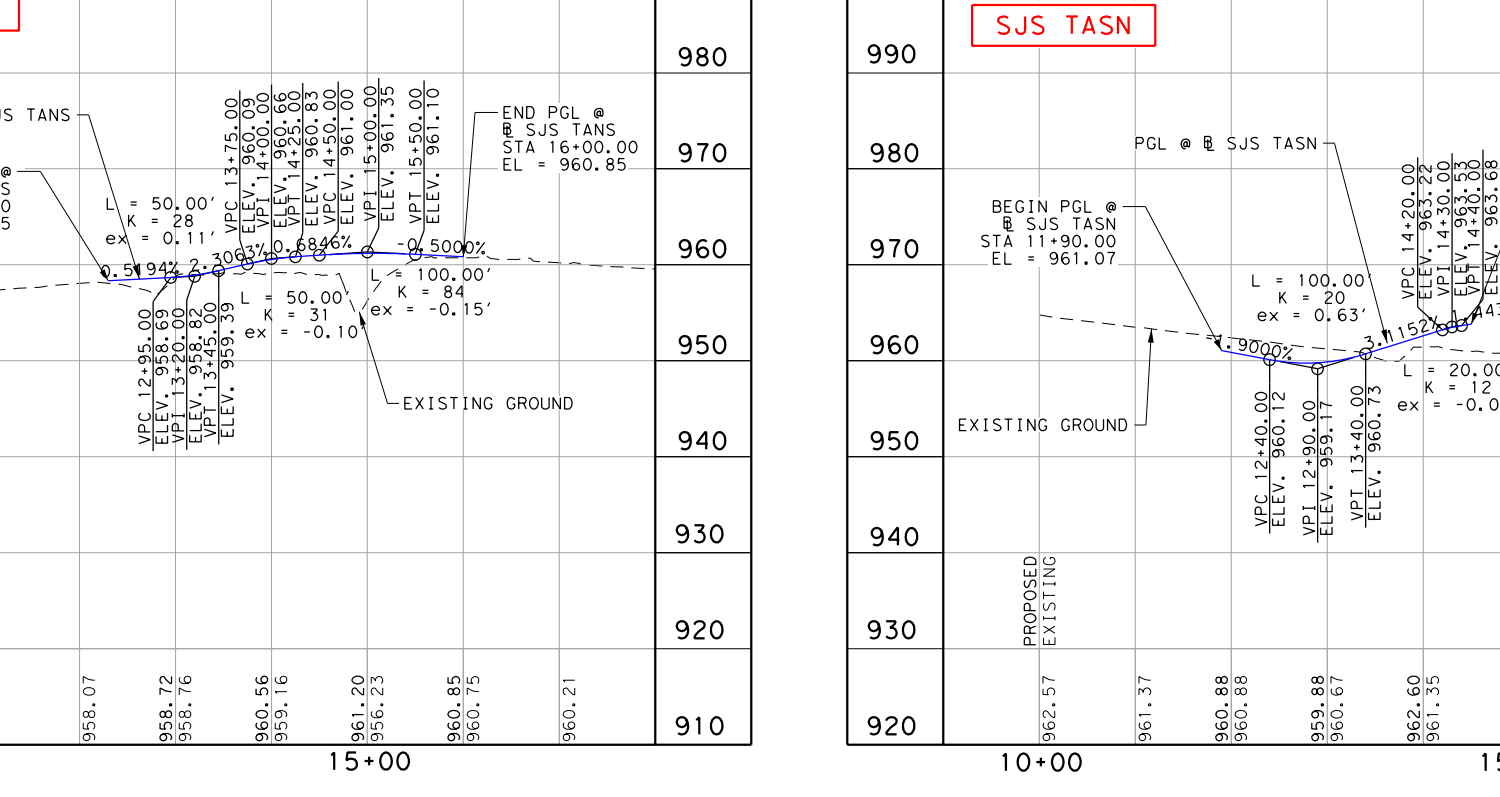
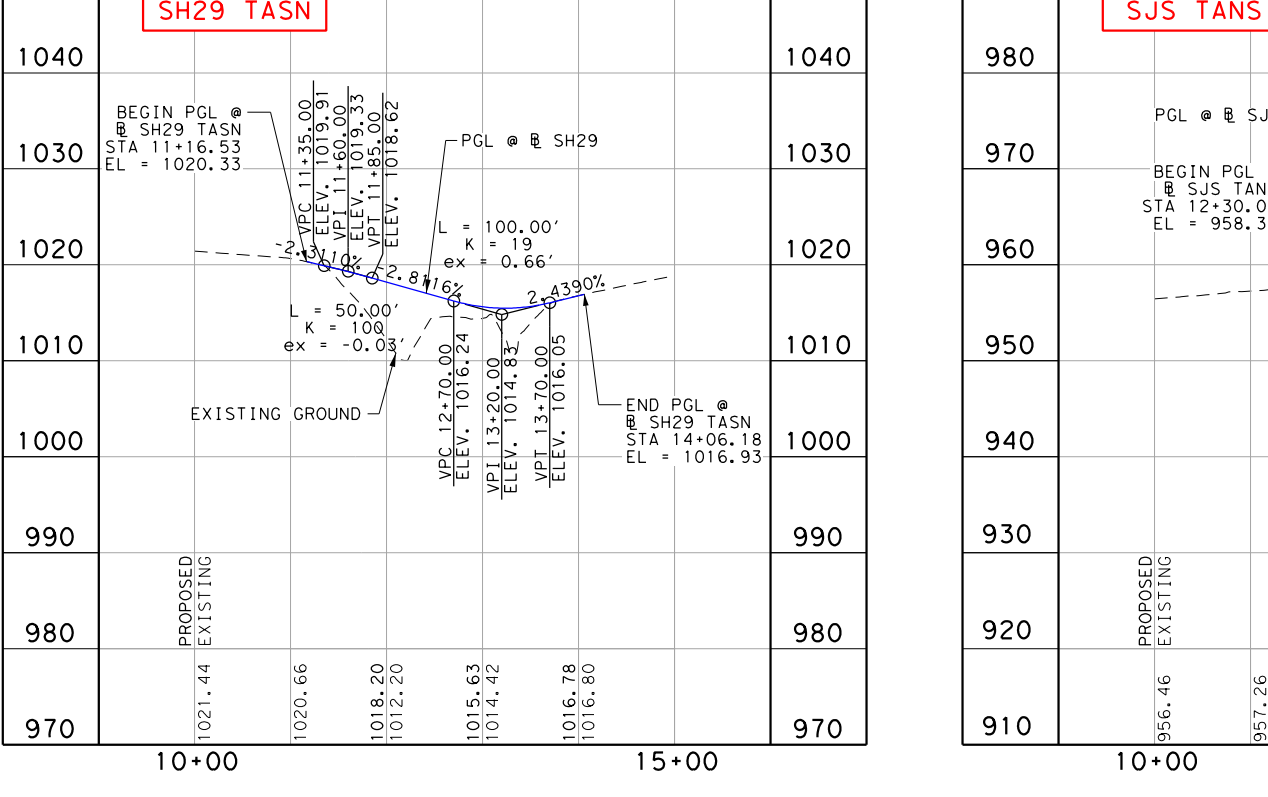
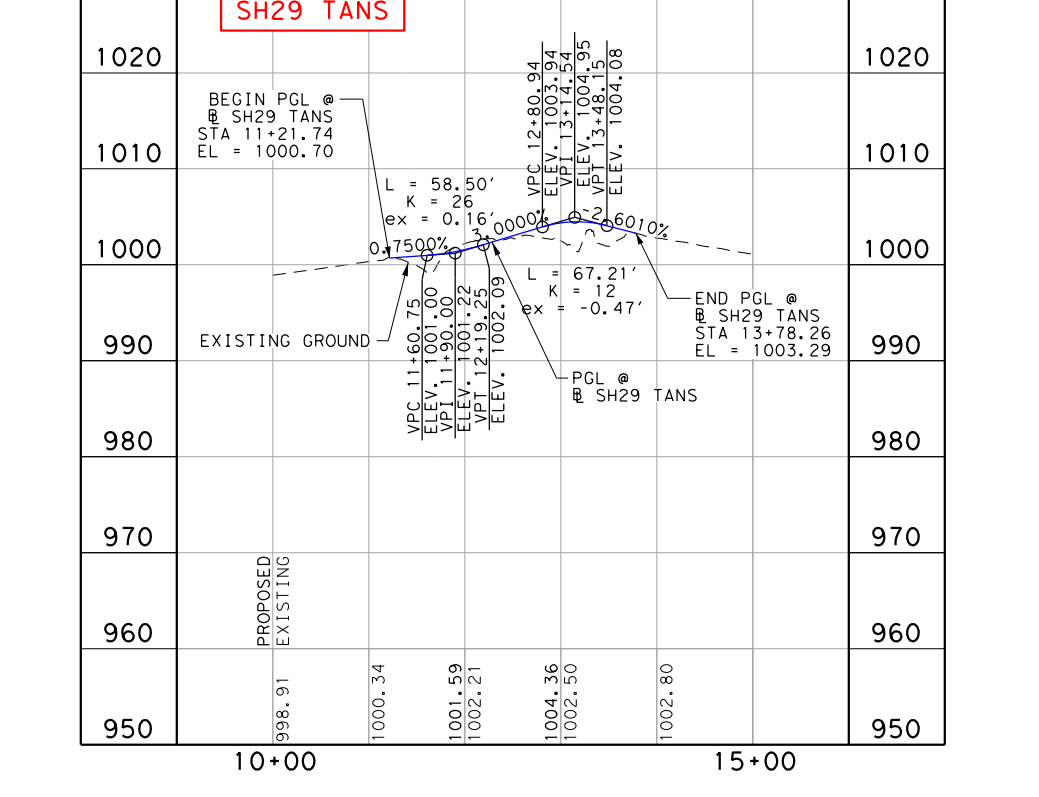
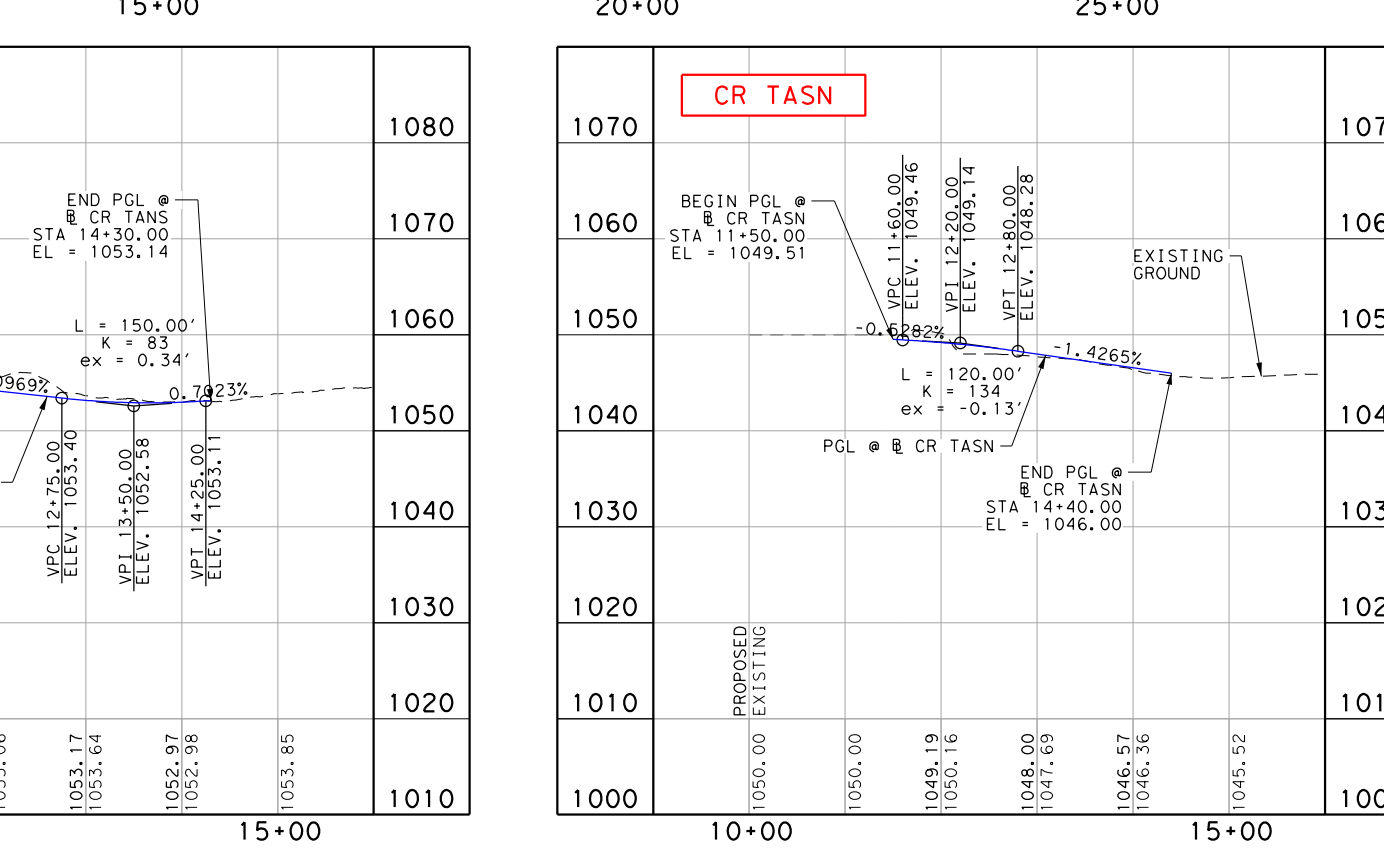
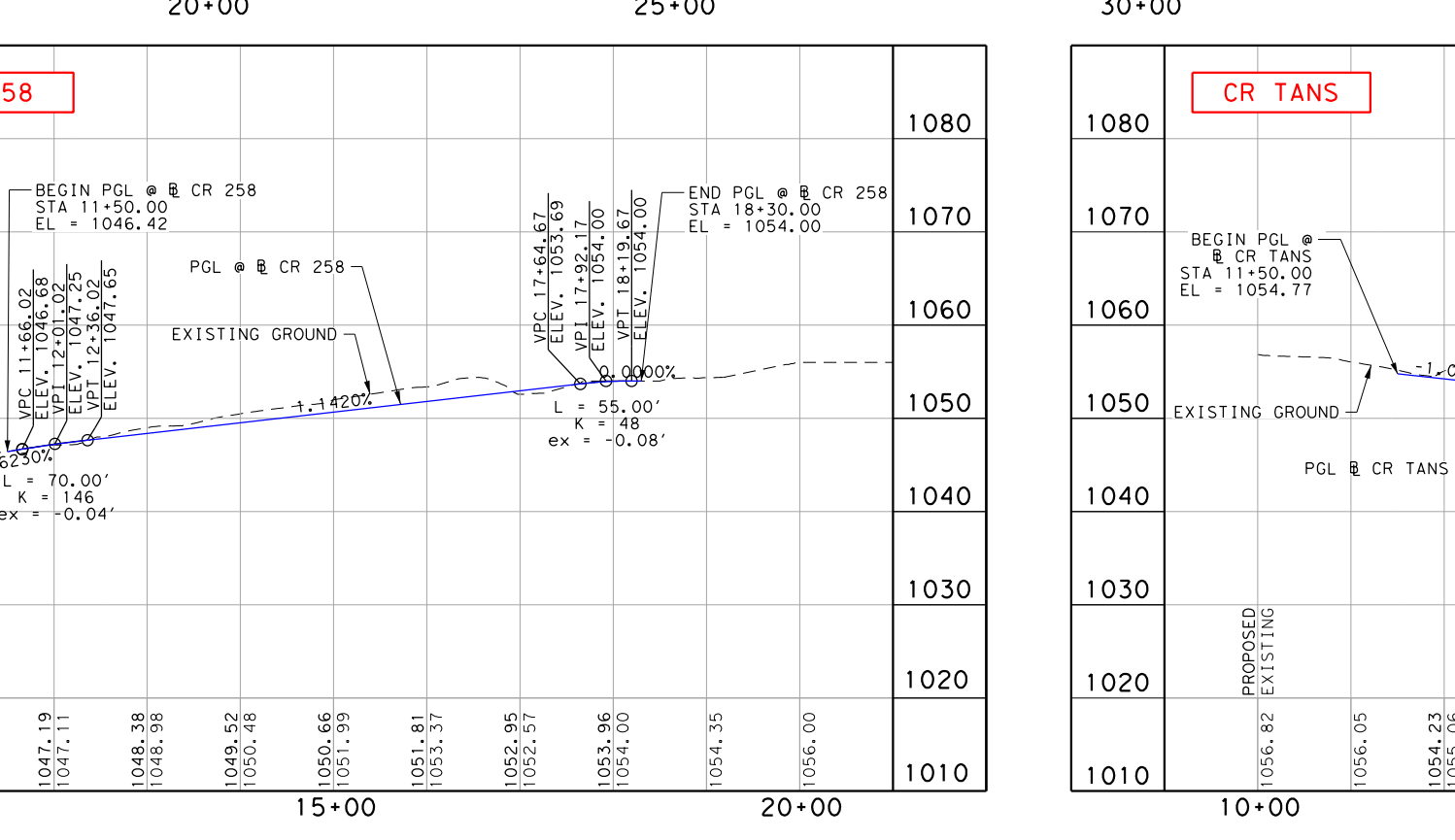
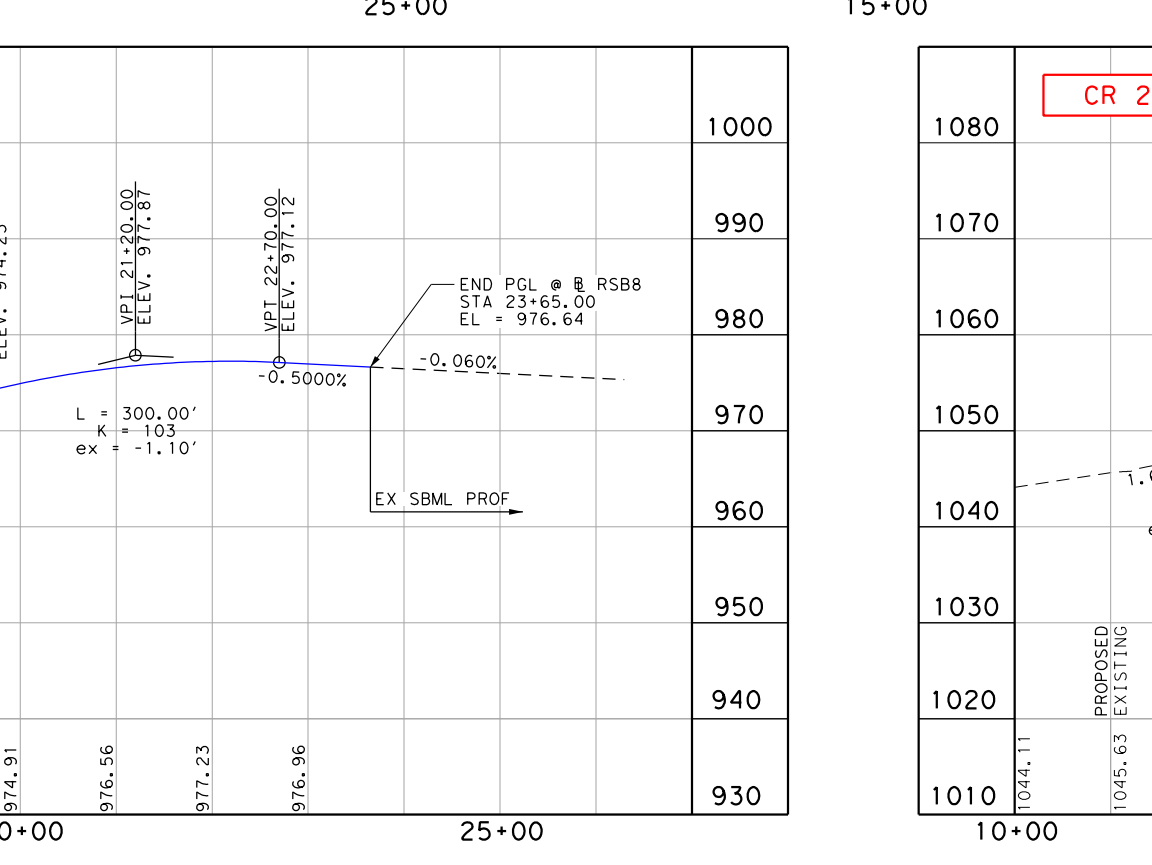
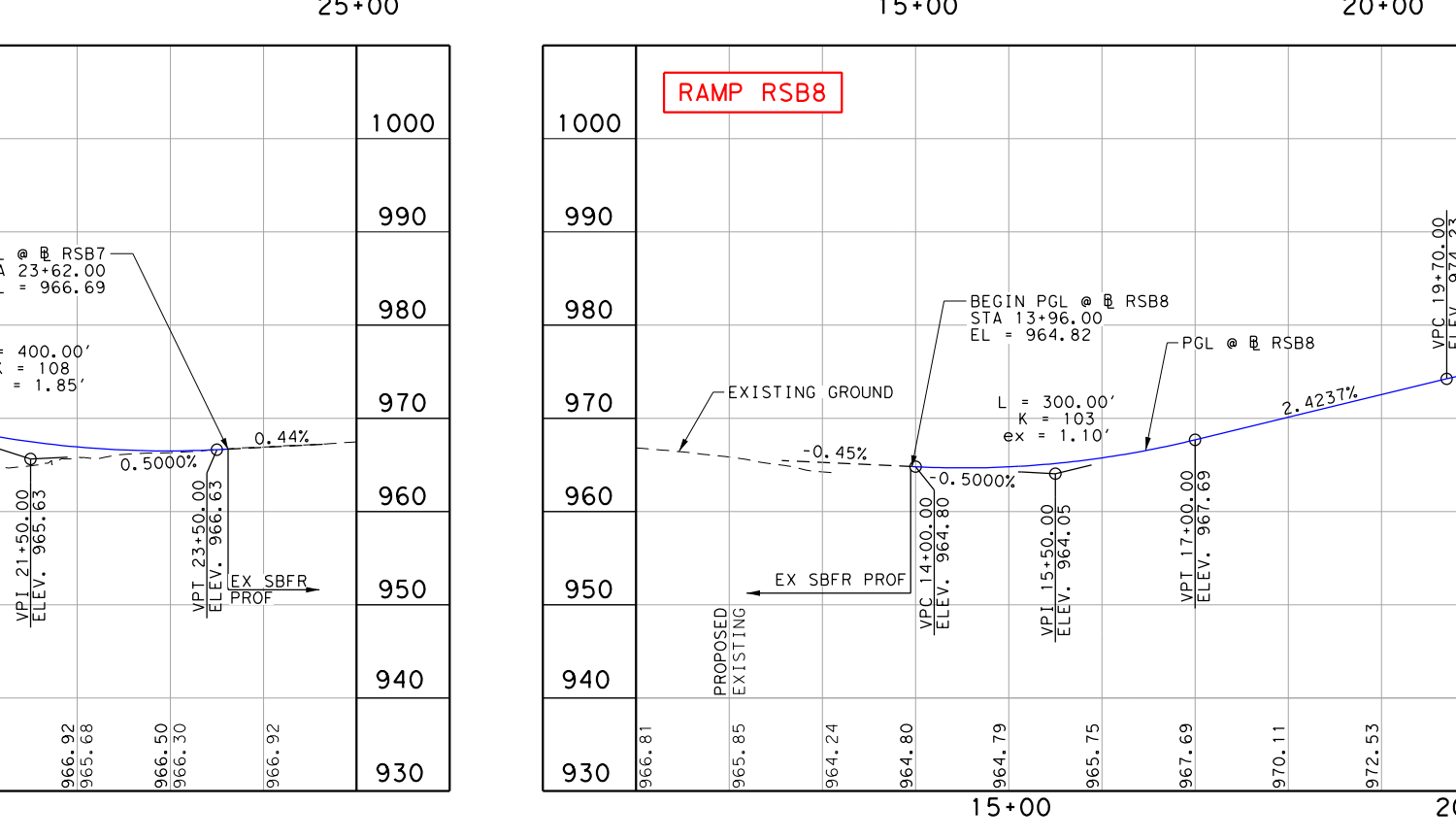
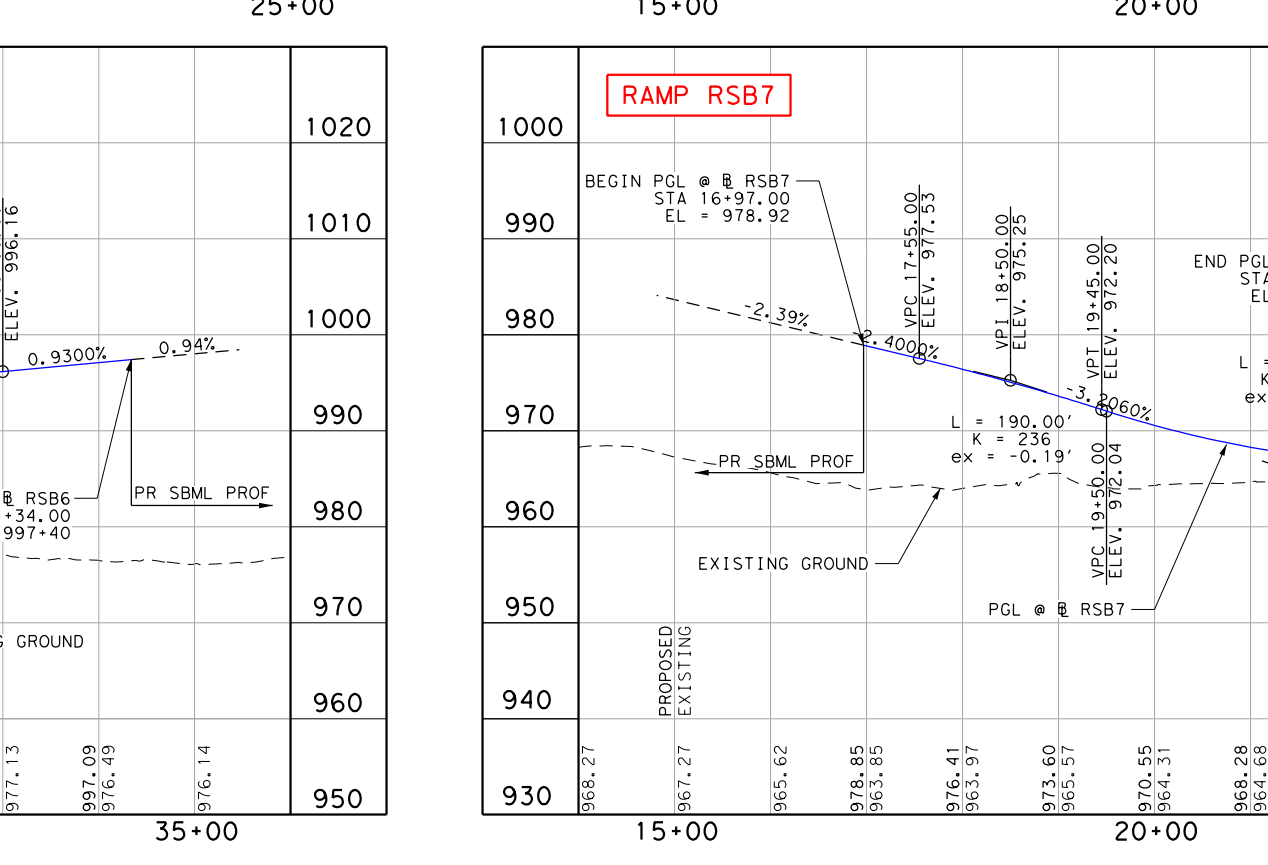
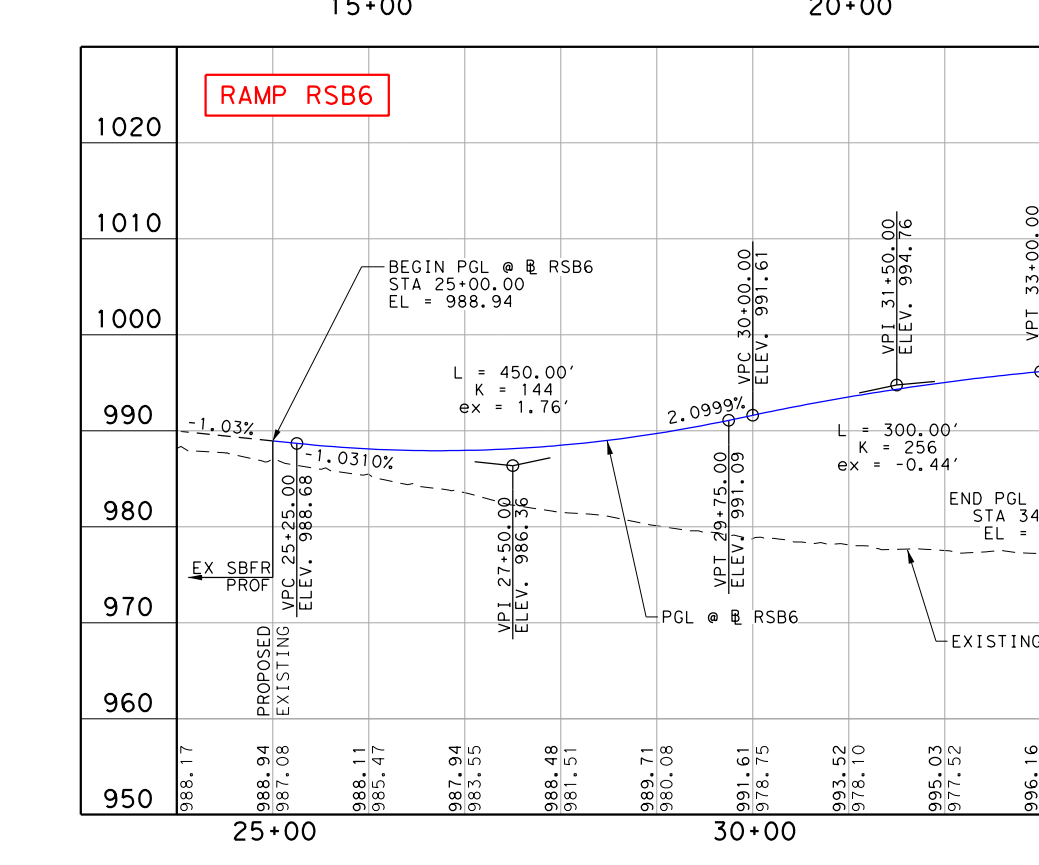
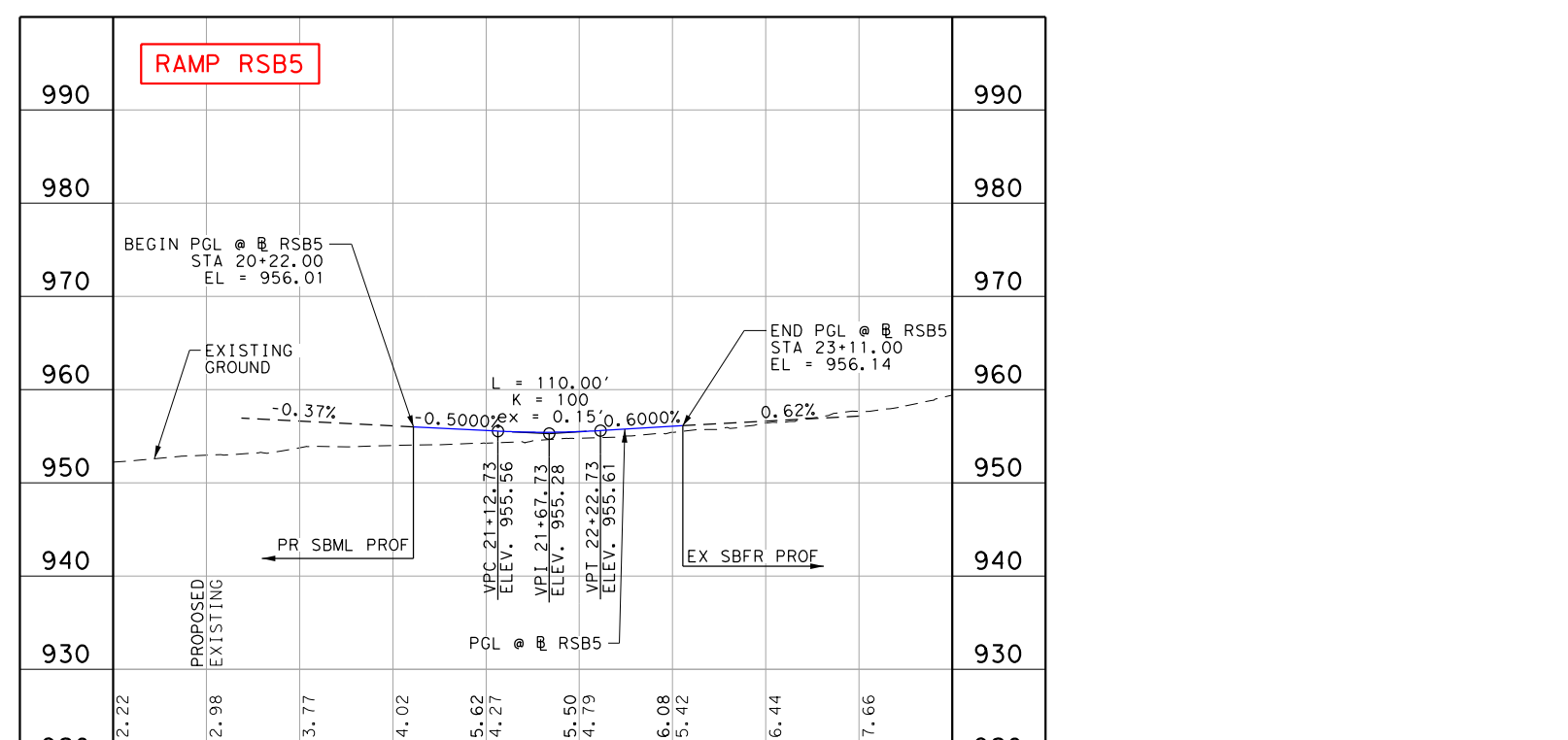
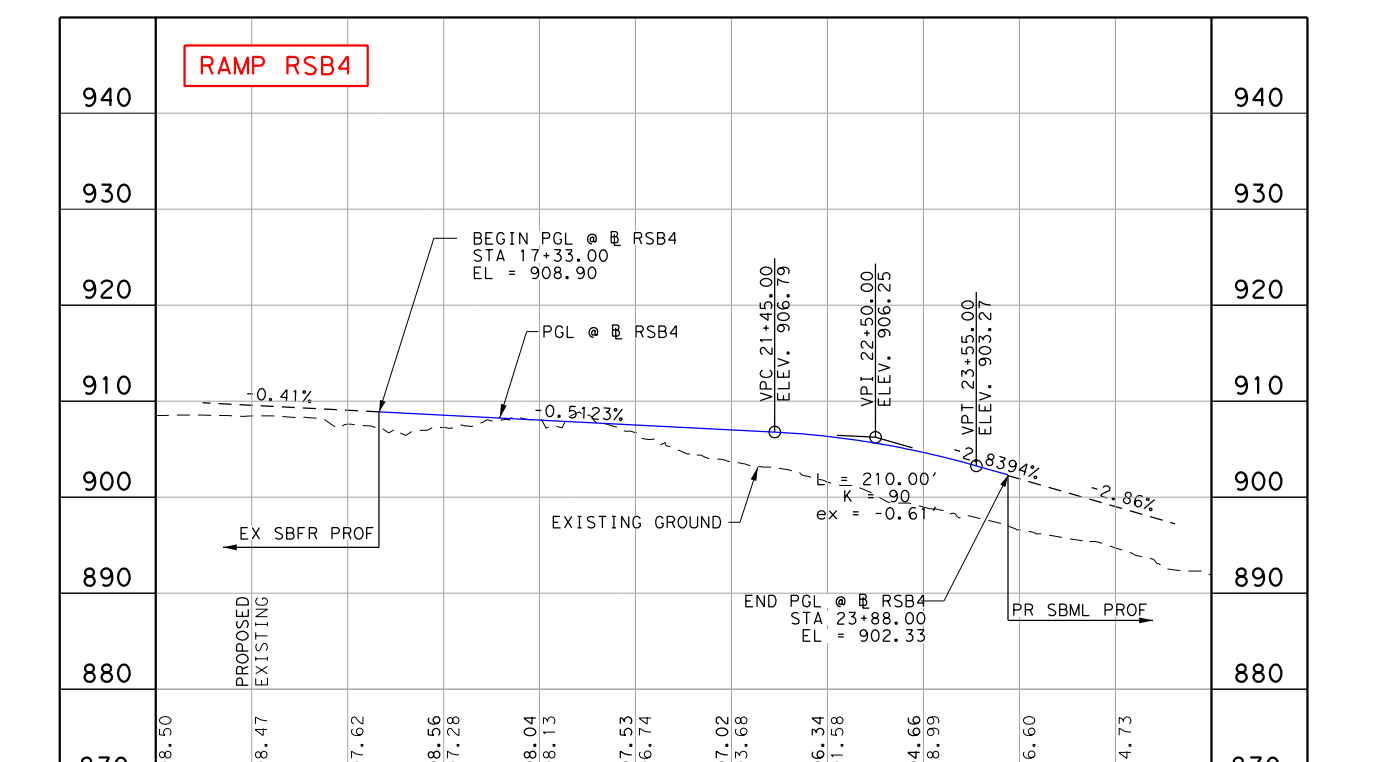
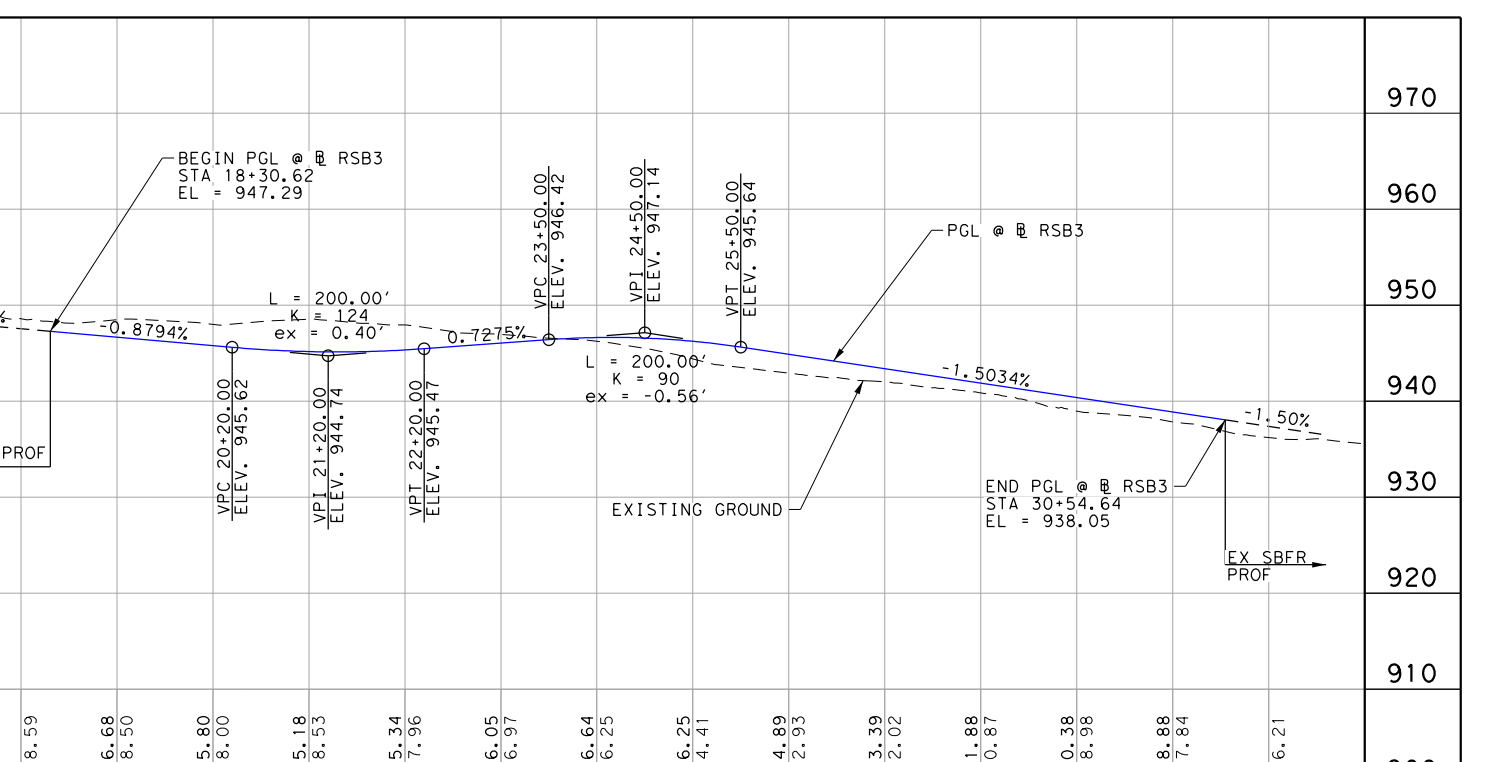
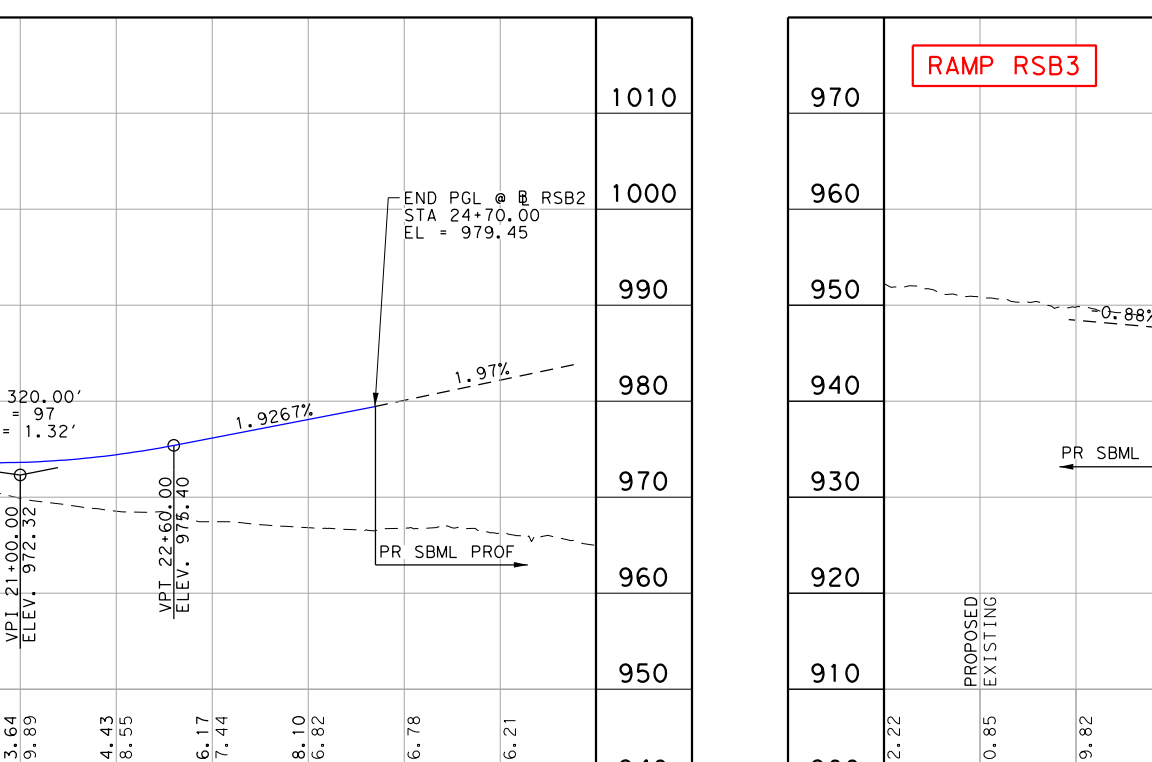
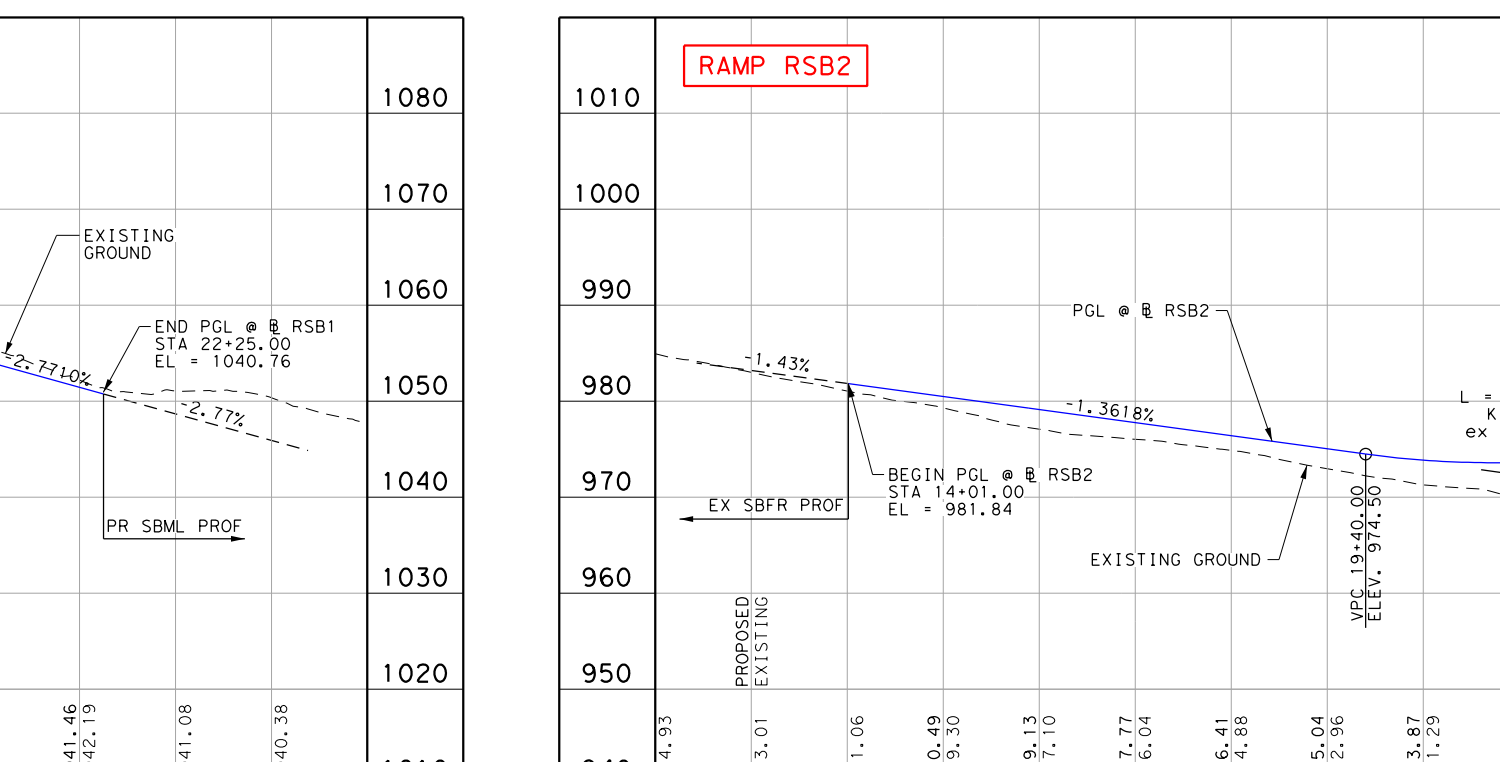
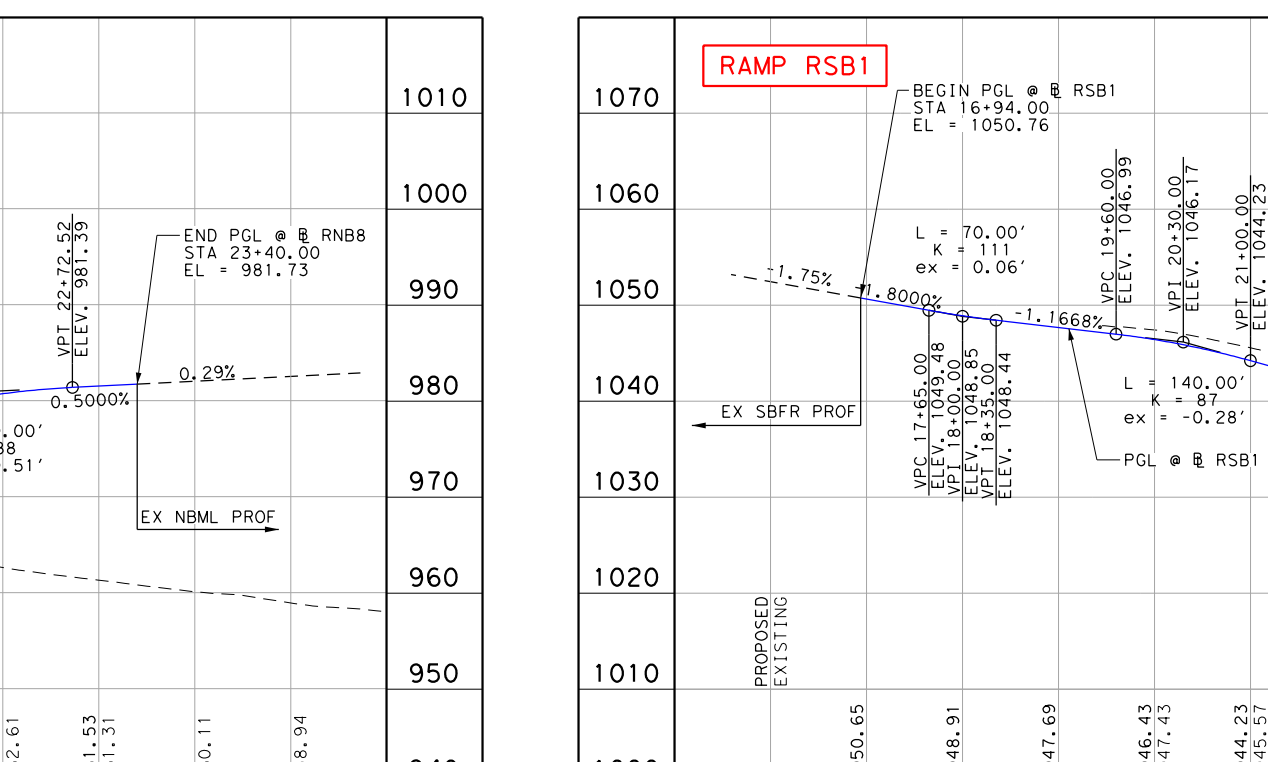
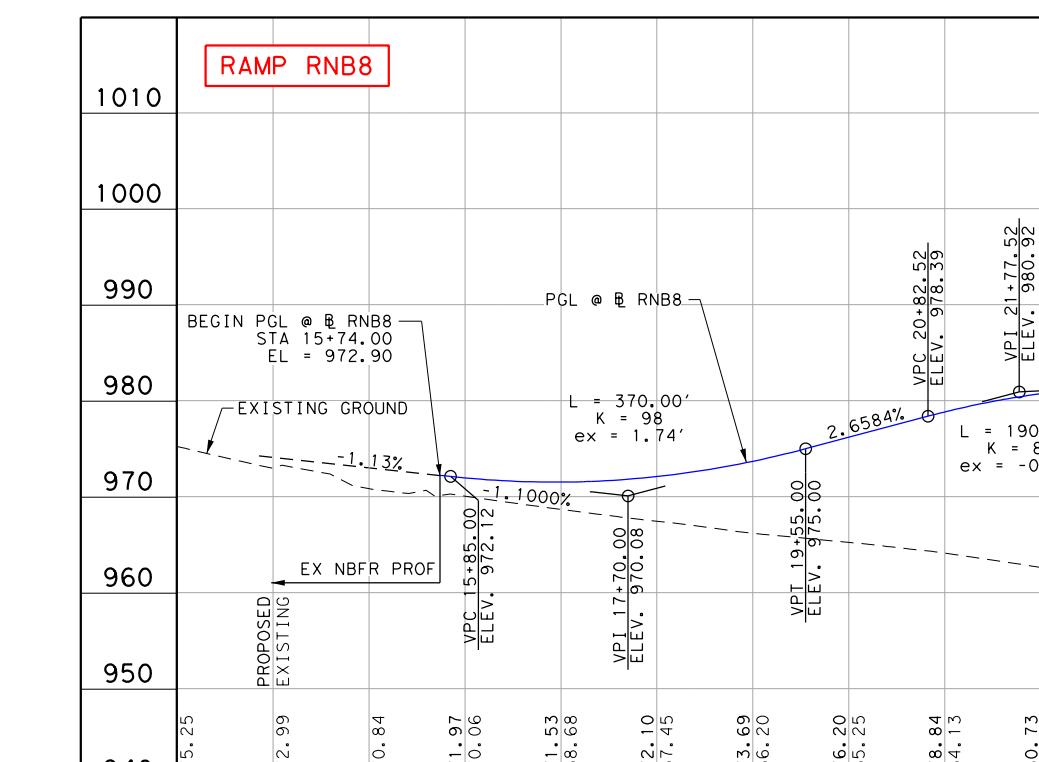
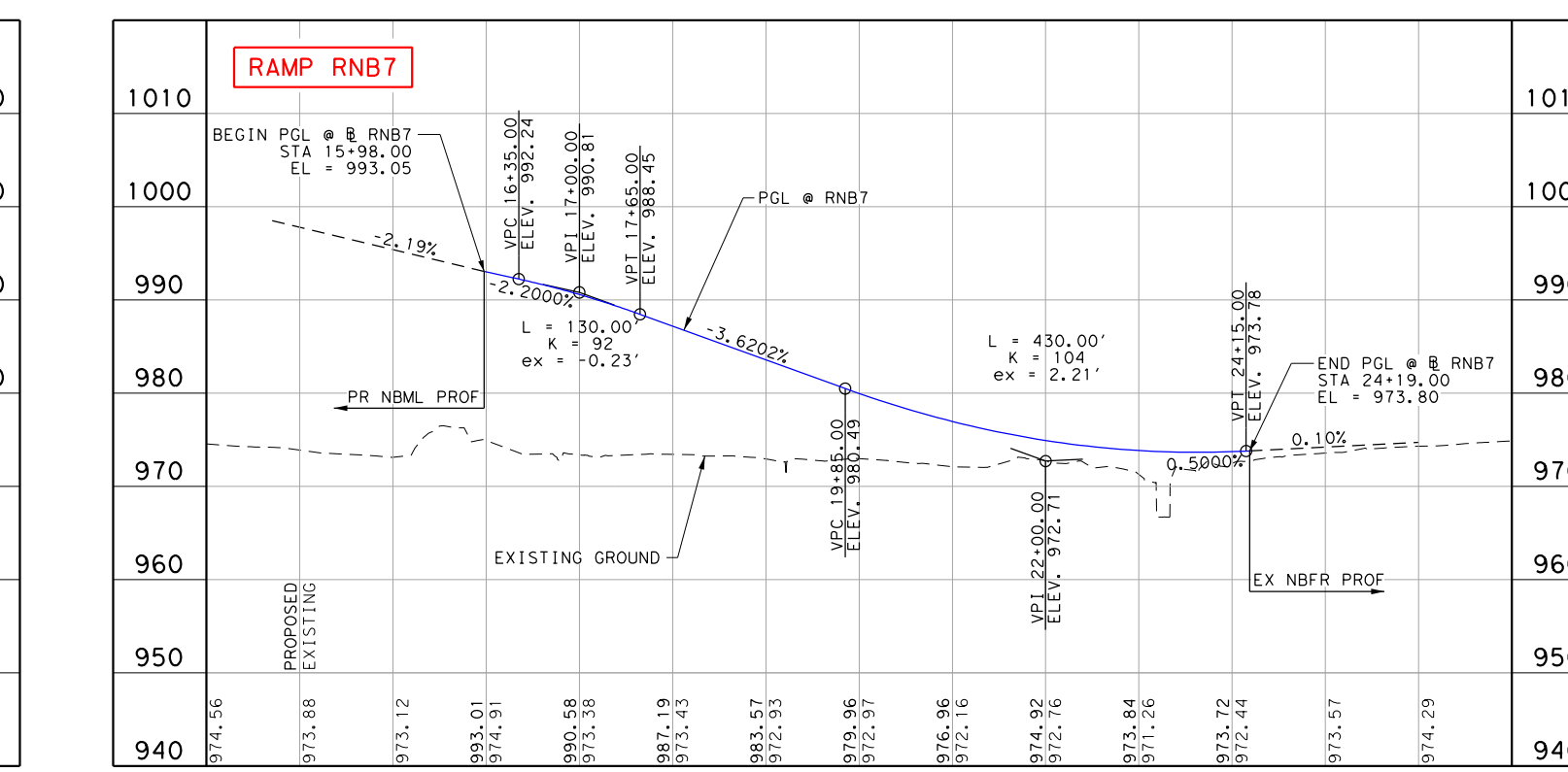
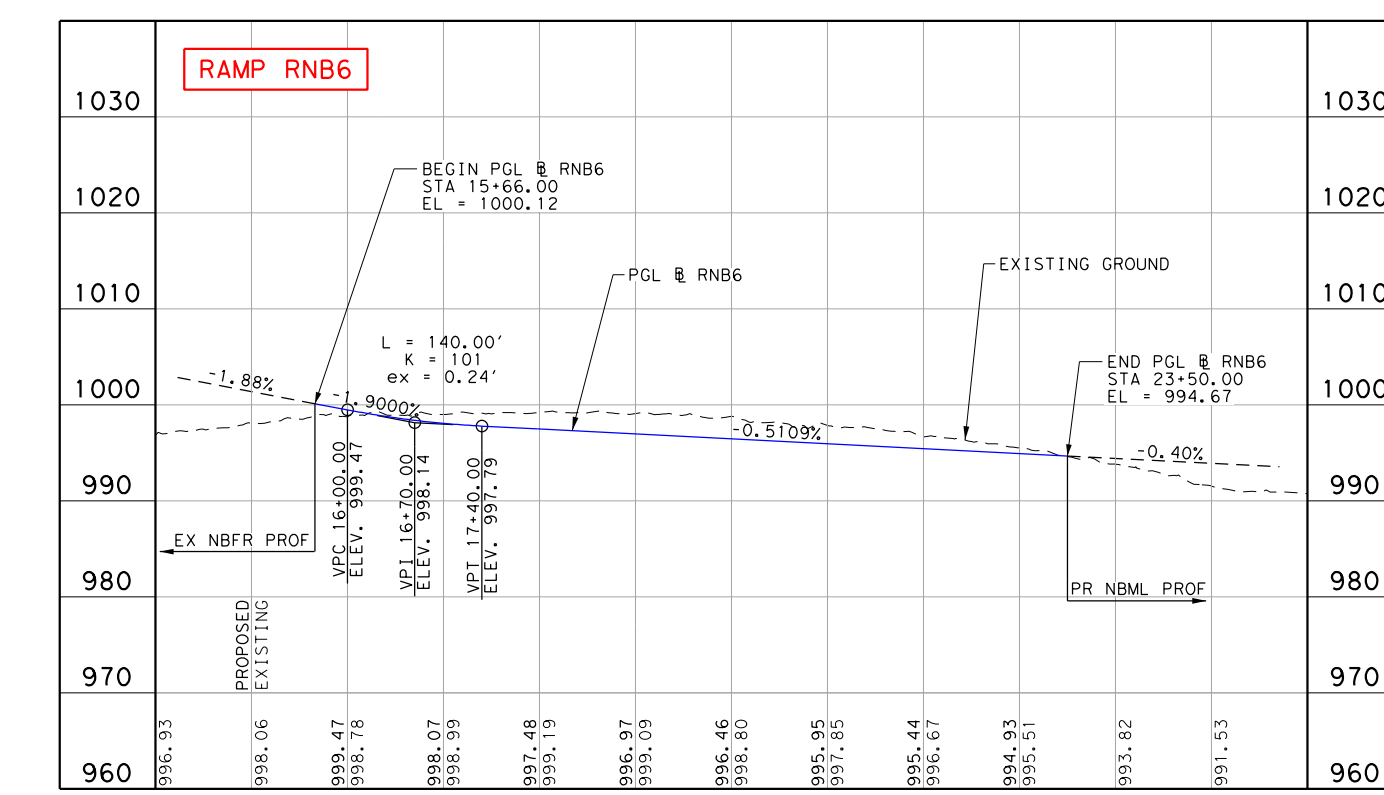
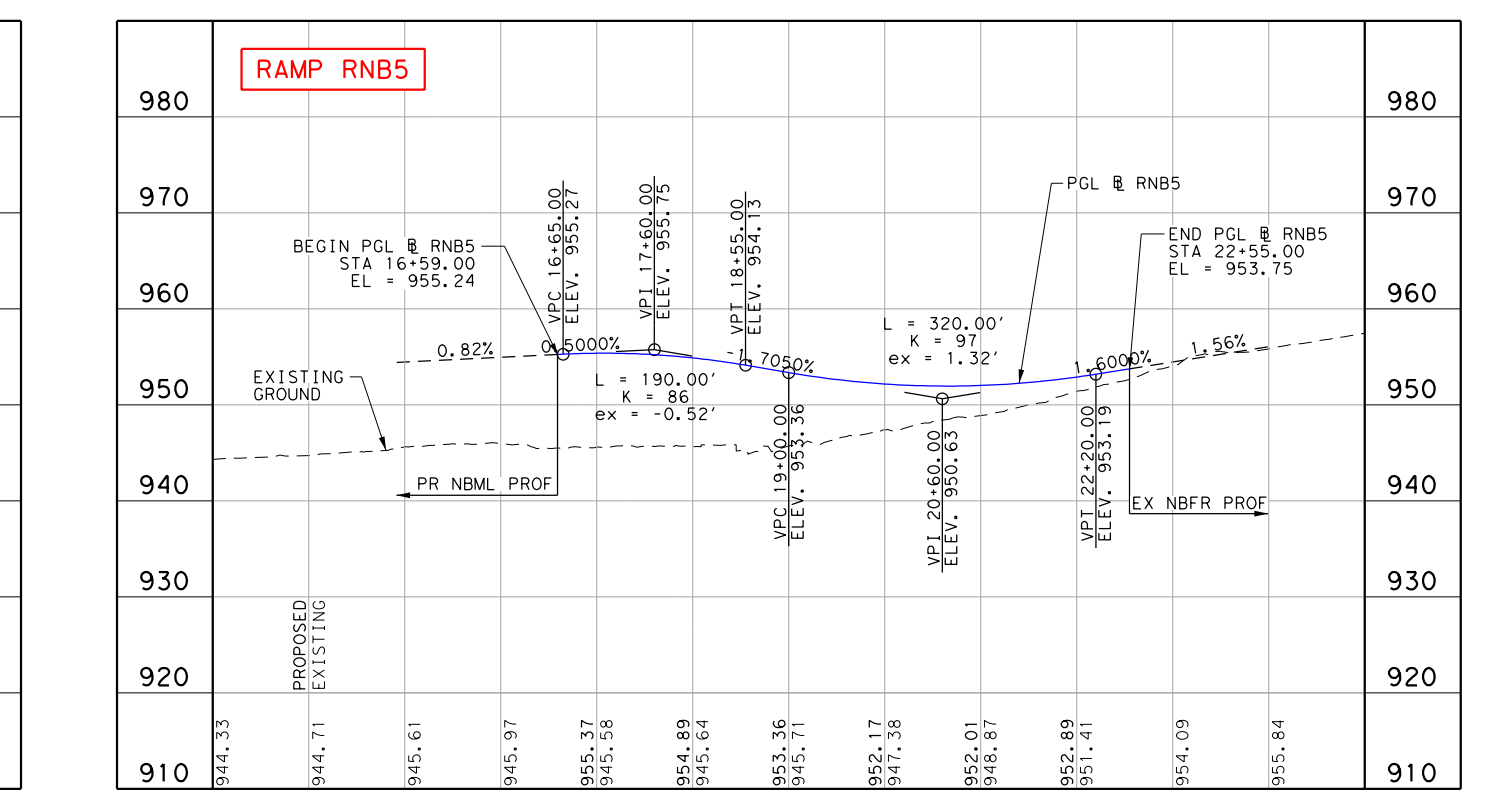
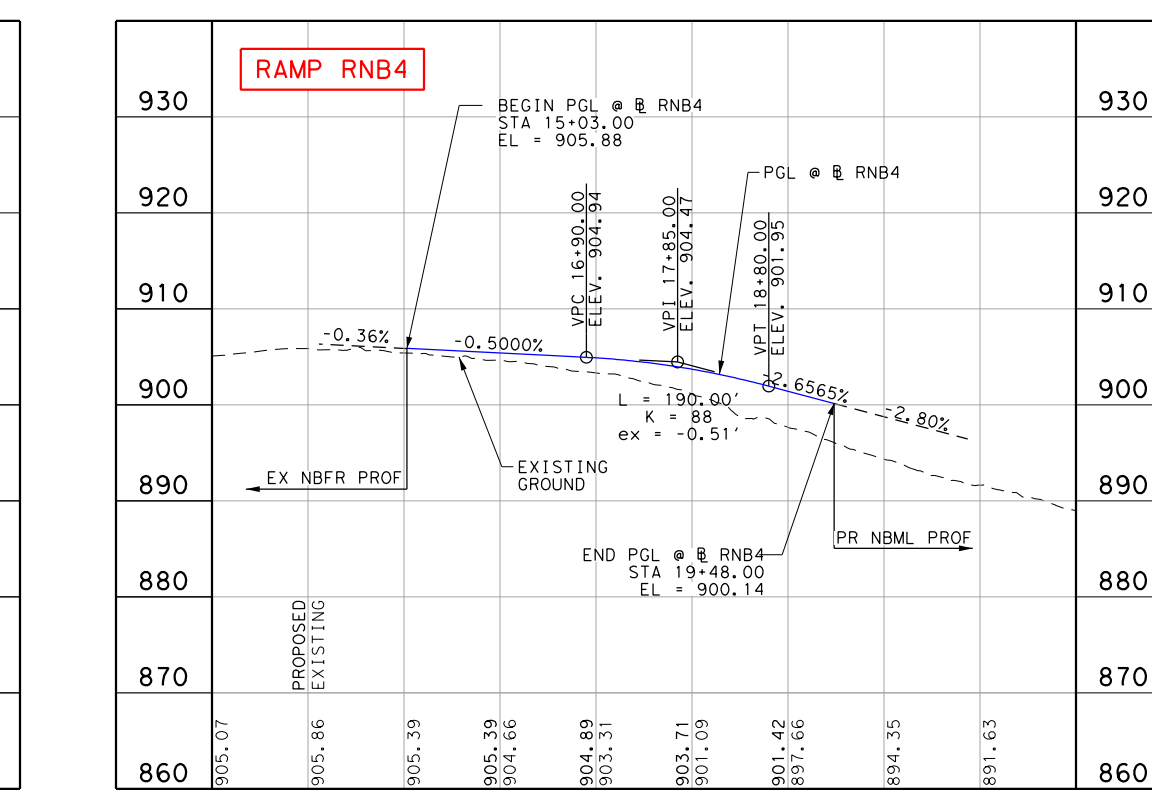
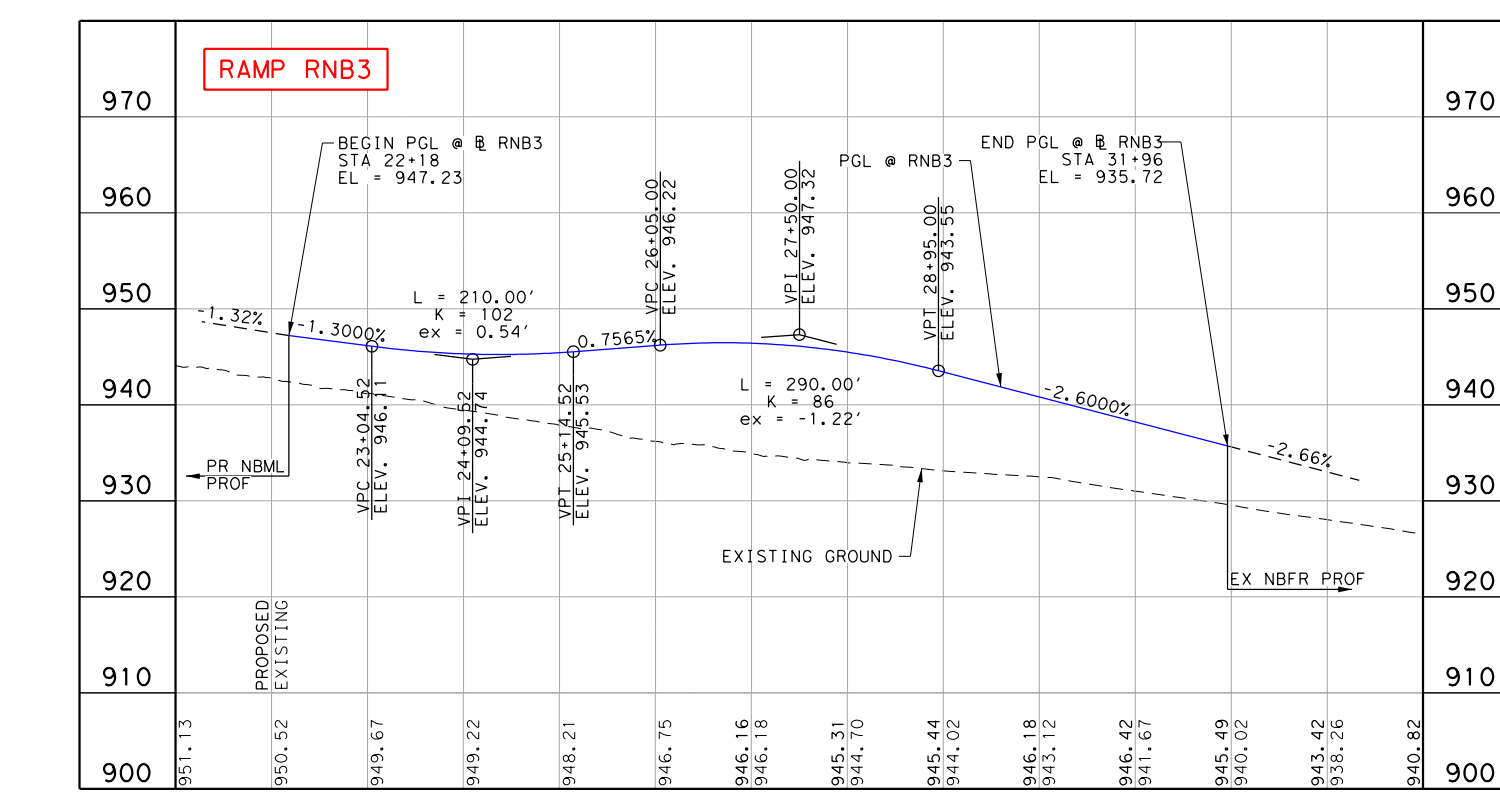
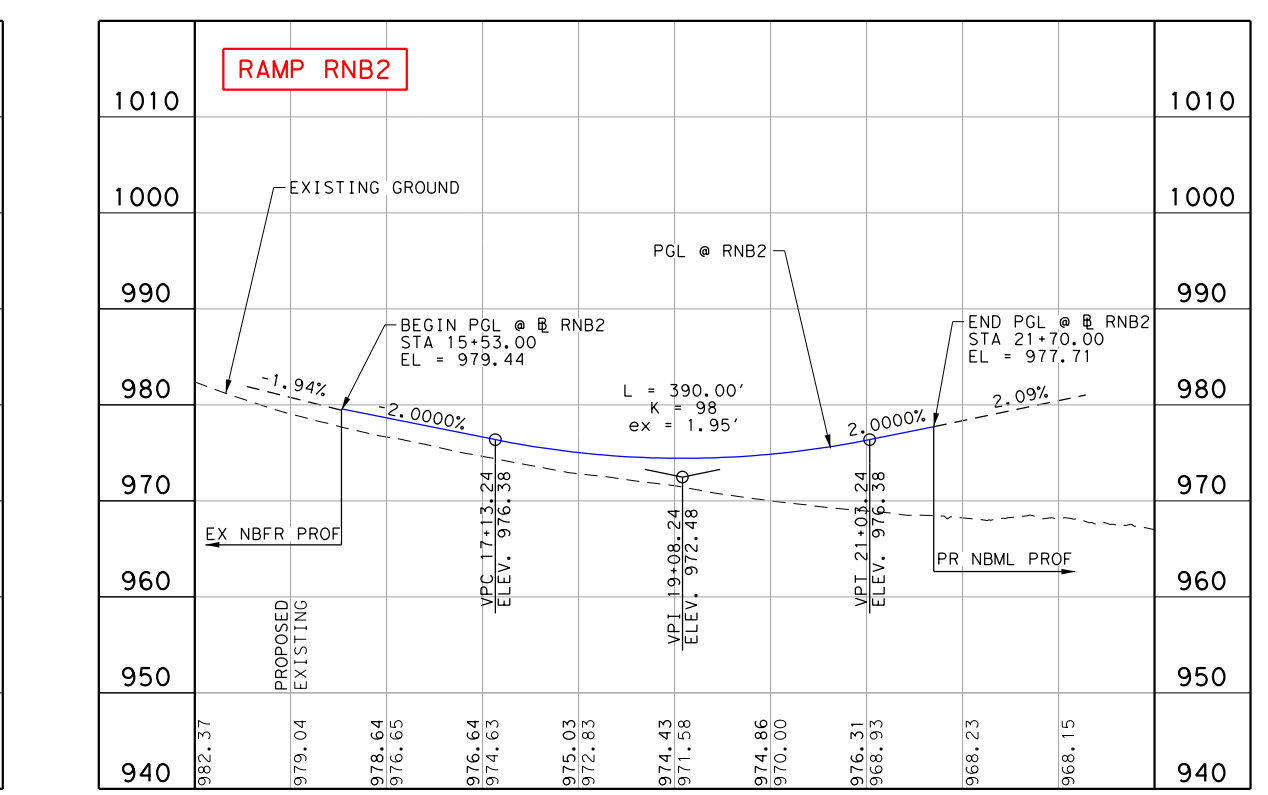
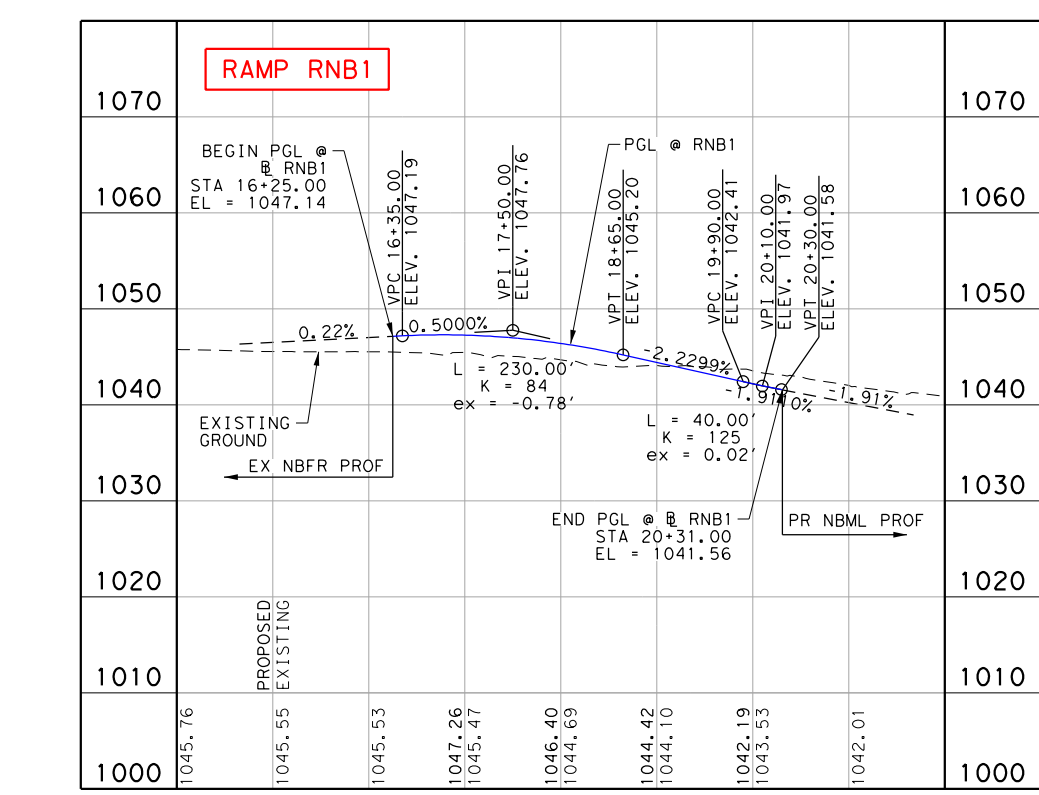
- LEGEND**
- PROPOSED MAINLANES
  - PROPOSED FRONTAGE ROAD
  - PROPOSED BRIDGES
  - PROPOSED RAMPS
  - PROPOSED CROSS STREETS
  - PROPOSED SHARED USE PATH
  - PROPOSED TOLL GANTRY
  - RETAINING WALL
  - CONTROL OF ACCESS (PROP)
  - CONTROL OF ACCESS (EXIST)
  - SAWCUT LINE
  - PROPOSED ROW
  - EXISTING ROW
  - EXISTING STORM SEWER
  - PROPOSED STORM SEWER
  - EXISTING DRAINAGE EASEMENT
  - EXISTING ROADWAY
  - EXISTING ROADWAY TO BE REMOVED
  - EXISTING LANE DIRECTIONAL INDICATOR
  - PROPOSED LANE DIRECTIONAL INDICATOR
  - DELINEATOR
- STM SWR  
TEL UG  
FIBER OPTIC UG  
WATER  
OVERHEAD  
CABLE UG  
TELECOM UG  
ELECTRICAL UG  
WASTEWATER  
UNKNOWN
- NOTE: UTILITY LOCATIONS ARE APPROXIMATE AND BASED ON SUE OF 10'
- 0 50 100 200  
HORIZ SCALE 1" = 200'
- 0 5 10 20  
VERT SCALE 1" = 20'

**ROADWAY SCHEMATIC**  
PROFILES  
ROLL 5 OF 7

NOT FOR CONSTRUCTION OR PERMIT PURPOSES PREPARED UNDER THE SUPERVISION OF  
**RANDY L. EHREMAN**  
P.E. SERIAL NO. 115628  
5/24/2019

**WSP USA, INC.**  
1800 SOUTH MOPAC EXPRESS SUITE 325, AUSTIN, TX 78746  
TEL: +1.737.703.9900  
FAX: +1.737.703.9910  
TEXAS REGISTRATION NO. 2263

**CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**



**PRELIMINARY**  
SUBJECT TO REVISION  
NOT FOR CONSTRUCTION,  
PERMITTING, OR BIDDING  
**DRAFT PRINT**  
5/24/2019 11:13:01 AM

**PRELIMINARY DESIGN SCHEMATIC  
183A PHASE III  
FROM CR258/213 TO  
HERO WAY**  
WILLIAMSON COUNTY  
FOR THE CONSTRUCTION OF MAINLANES, FRONTAGE  
ROADS AND RAMPS.

CSJ 0914-05-192

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
183A MAINLANES	URBAN FREEWAY PRINCIPAL ARTERIAL	70 MPH
FRONTAGE ROADS	URBAN ARTERIAL	50 MPH
RAMP	URBAN MINOR ARTERIAL	50 MPH
COUNTY ROAD	URBAN MINOR ARTERIAL	50 MPH

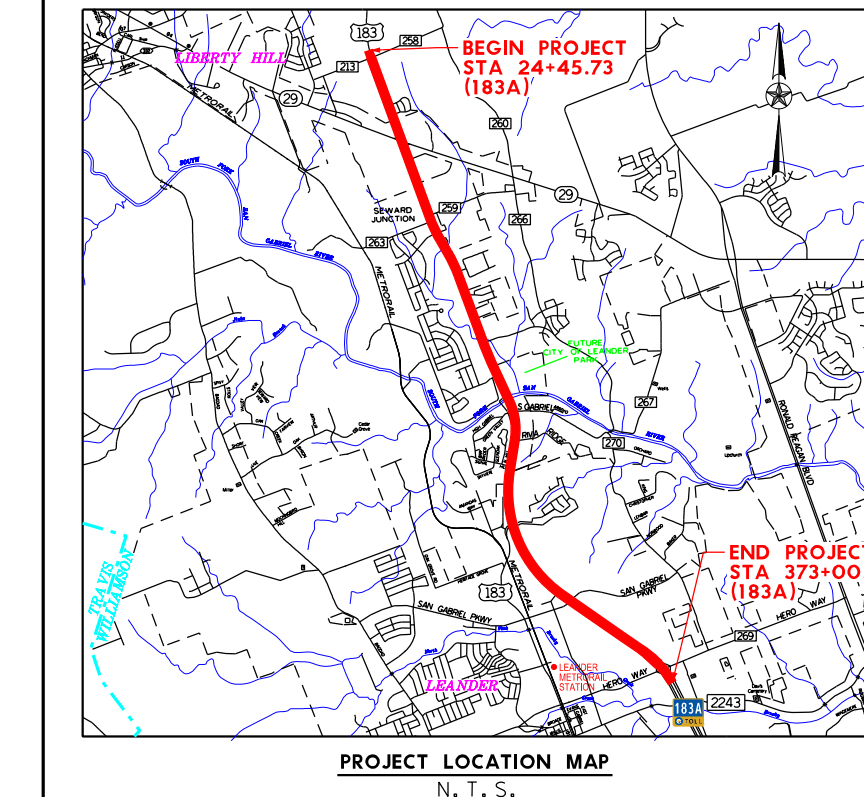
MAXIMUM SUPERELEVATION RATE (MIN/MI) = 6.0%

CURRENT ADT: 120161  
SH 29 TO US 183 33,800  
US 183 TO HERO WAY 22,300

PROJECTED ADT: 120411  
SH 29 TO US 183 33,800  
US 183 TO HERO WAY 59,400

EQUATIONS: NONE  
RAILROADS: NONE  
EXCEPTIONS: NONE

NET LENGTH OF ROADWAY = 5.94 MI  
NET LENGTH OF BRIDGE = 0.66 MI  
TOTAL LENGTH OF PROJECT = 6.60 MI



- LEGEND**
- PROPOSED MAINLANES
  - PROPOSED FRONTAGE ROAD
  - PROPOSED BRIDGES
  - PROPOSED RAMPS
  - PROPOSED CROSS STREETS
  - PROPOSED SHARED USE PATH
  - PROPOSED TOLL GANTRY
  - RETAINING WALL
  - CONTROL OF ACCESS (PROP)
  - CONTROL OF ACCESS (EXIST)
  - SAWCUT LINE
  - PROPOSED ROW
  - EXISTING ROW
  - EXISTING STORM SEWER
  - PROPOSED STORM SEWER
  - EXISTING DRAINAGE EASEMENT
  - EXISTING ROADWAY
  - EXISTING ROADWAY TO BE REMOVED
  - EXISTING LANE DIRECTIONAL INDICATOR
  - PROPOSED LANE DIRECTIONAL INDICATOR
  - DELINEATOR
- STM SWR  
TEL UG  
FIBER OPTIC UG  
WATER  
OVERHEAD  
CABLE UG  
TELECOM UG  
ELECTRICAL UG  
WASTEWATER  
UNKNOWN
- NOTE: UTILITY LOCATIONS ARE APPROXIMATE AND BASED ON SUE OF 10'
- 0 50 100 200  
HORIZ SCALE 1" = 200'
- 0 5 10 20  
VERT SCALE 1" = 20'

**ROADWAY SCHEMATIC**  
PROFILES  
ROLL 5 OF 7

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5/24/2019

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1800 SOUTH MOPAC EXPRESS SUITE 325, AUSTIN, TX 78746  
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TEXAS REGISTRATION NO. 2263

**CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**



**PRELIMINARY DESIGN SCHEMATIC  
183A PHASE III  
FROM CR258/213 TO  
HERO WAY**  
WILLIAMSON COUNTY  
FOR THE CONSTRUCTION OF MAINLANES, FRONTAGE  
ROADS AND RAMP.

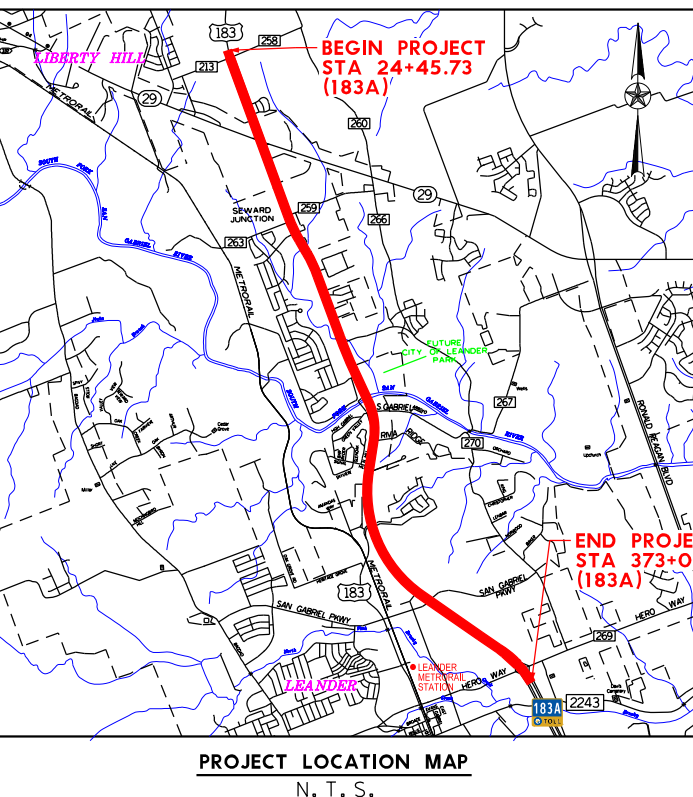
ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
183A MAINLANES	URBAN FREEWAY/PRINCIPAL ARTERIAL	70 MPH
FRONTAGE ROADS	URBAN ARTERIAL	50 MPH
RAMP	RAMP	50 MPH
COUNTY ROAD	URBAN MINOR ARTERIAL	40 MPH

CURRENT ADT: (2016) -  
SR 29 to US 183 33,800  
US 183 to Hero Way 22,300

PROJECTED ADT: (2041) -  
SR 29 to US 183 33,800  
US 183 to Hero Way 59,400

EQUATIONS: NONE  
RAILROADS: NONE  
EXCEPTIONS: NONE

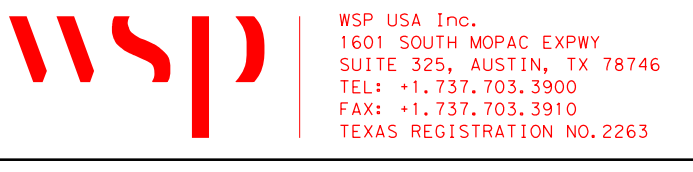
NET LENGTH OF ROADWAY: 5.94 MI  
NET LENGTH OF BRIDGE: 0.66 MI  
TOTAL LENGTH OF PROJECT: 6.60 MI



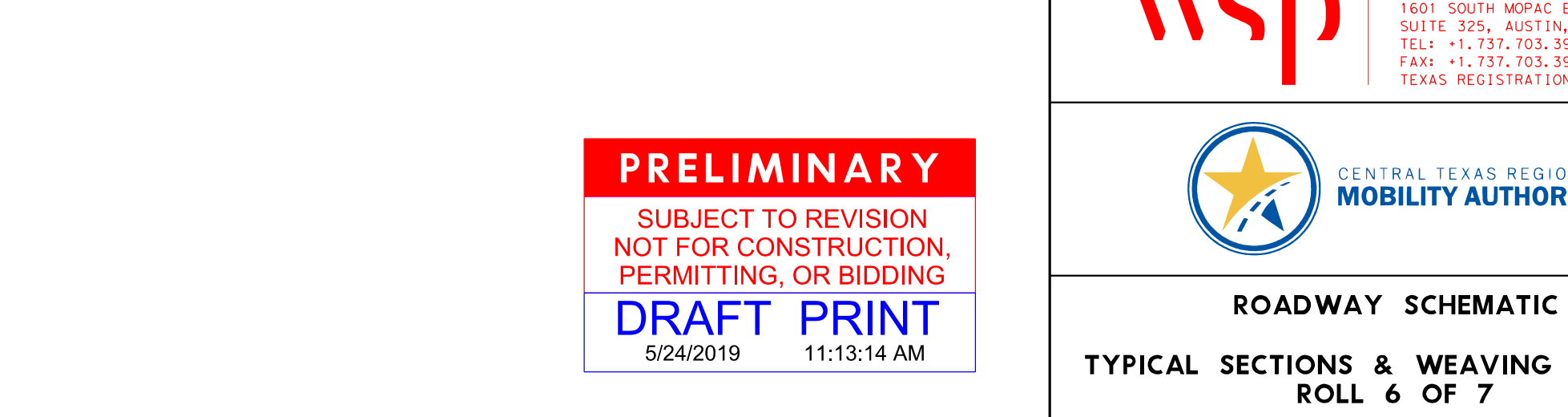
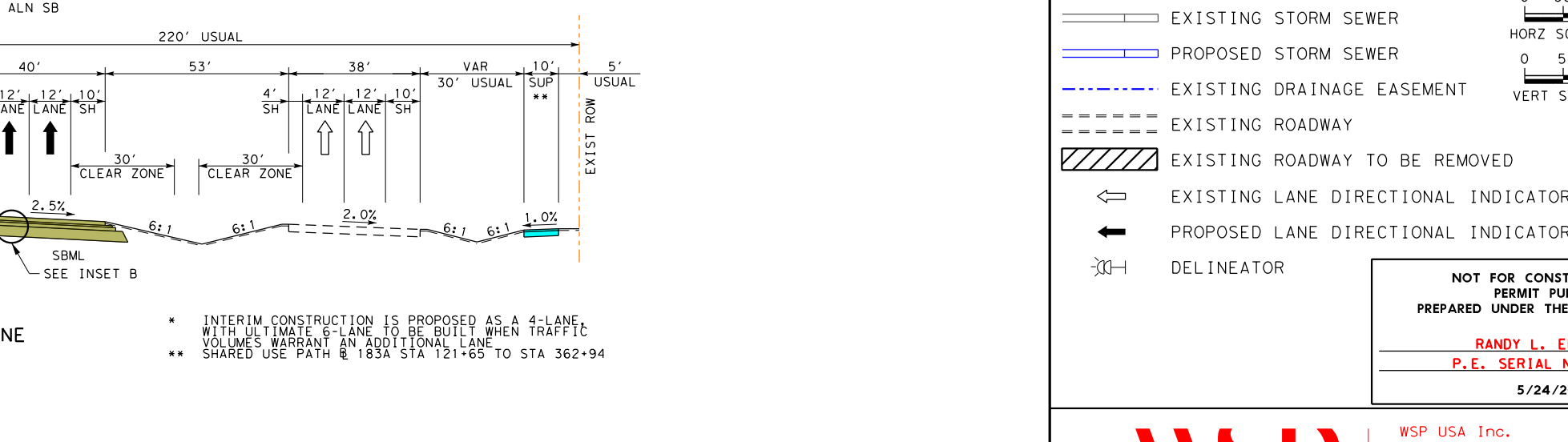
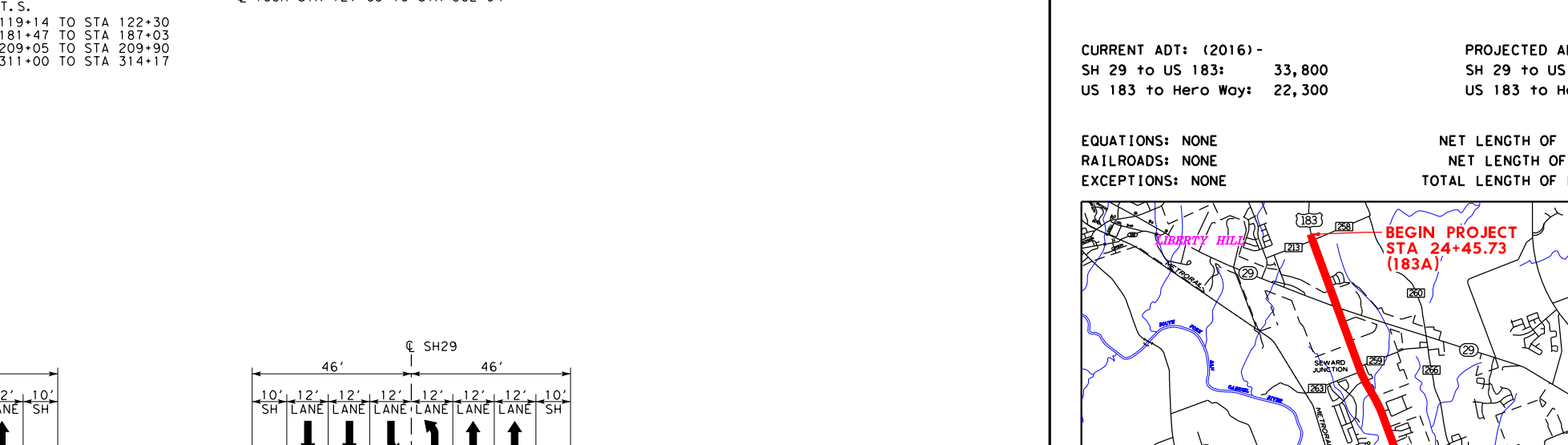
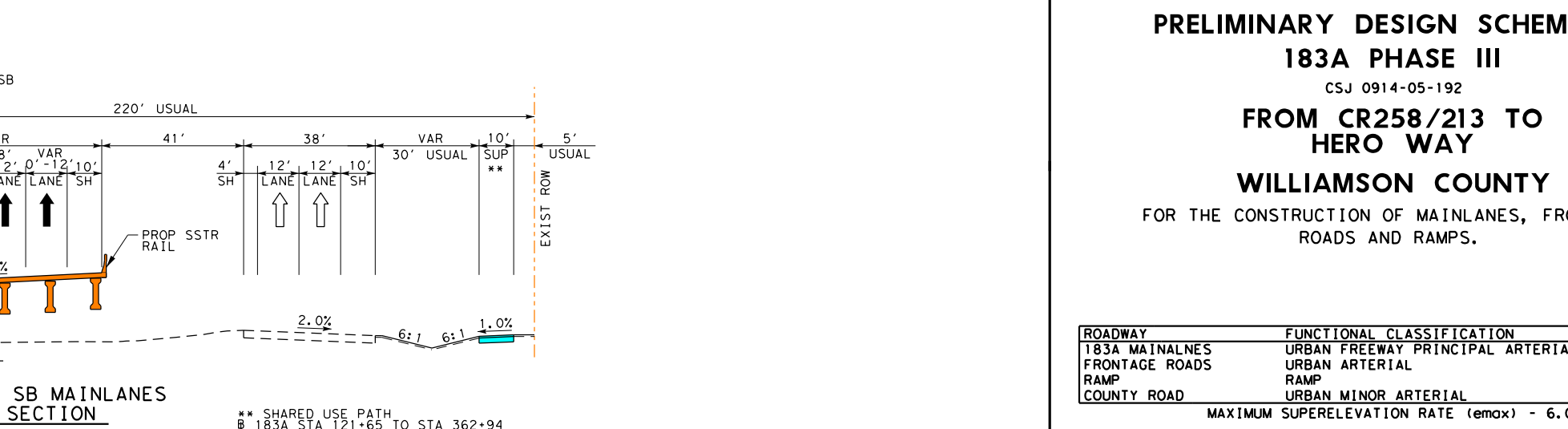
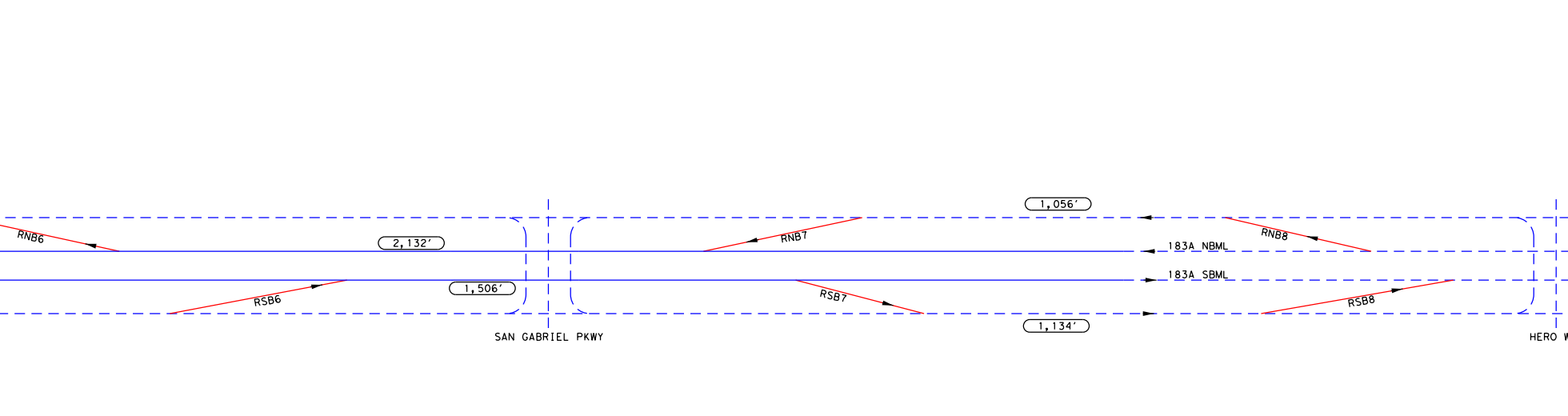
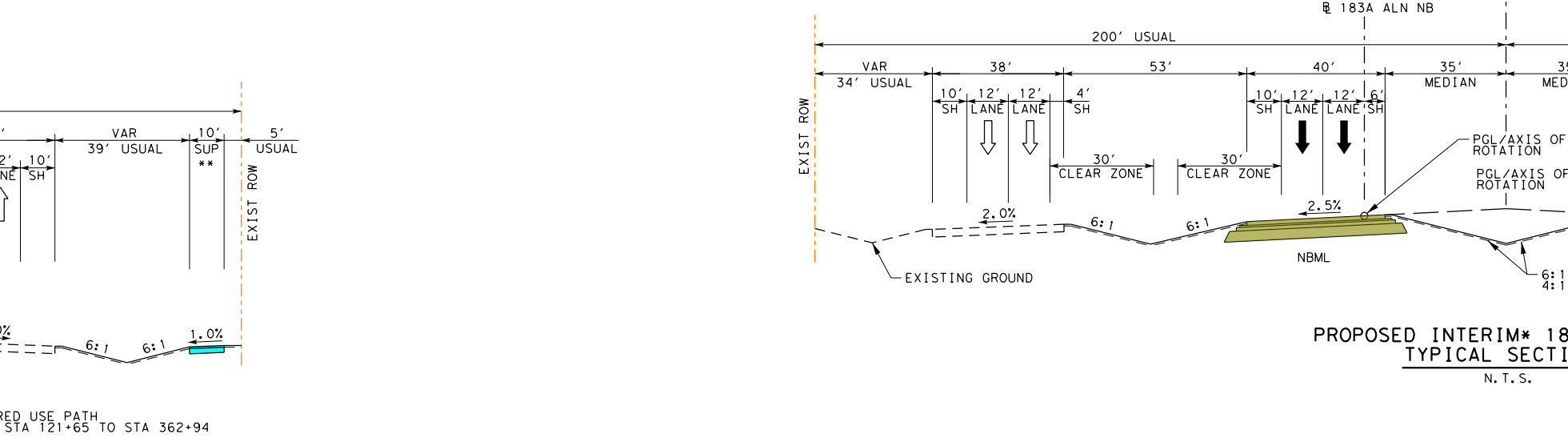
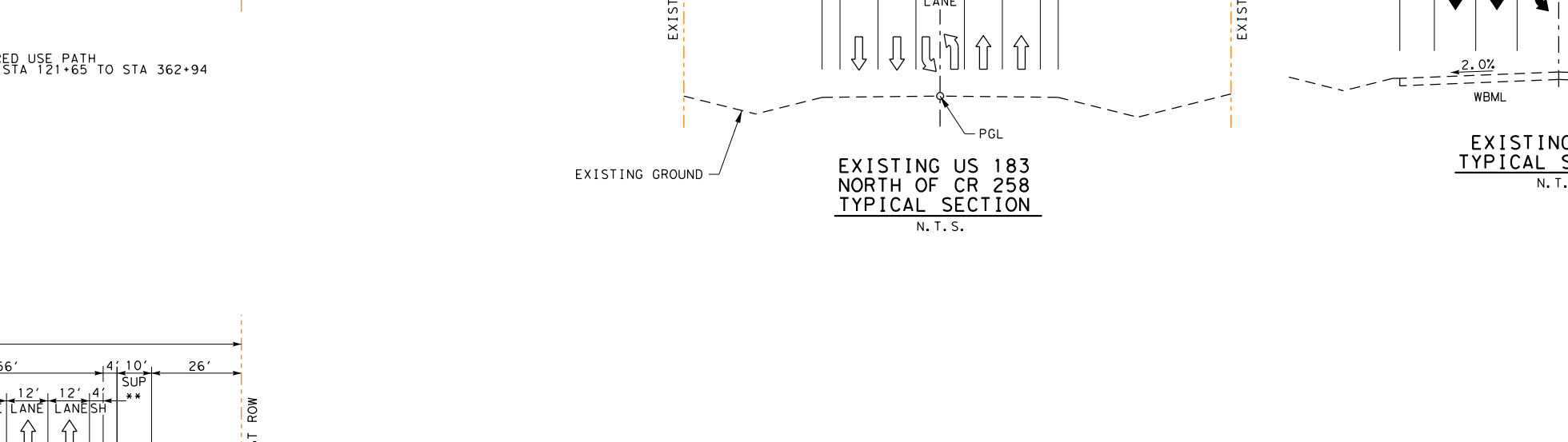
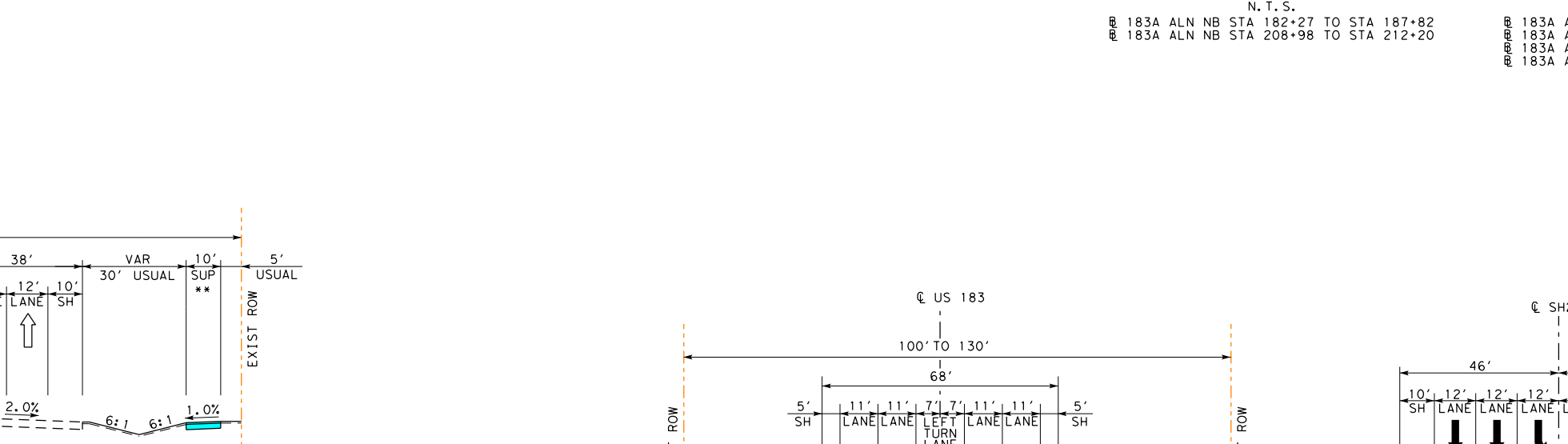
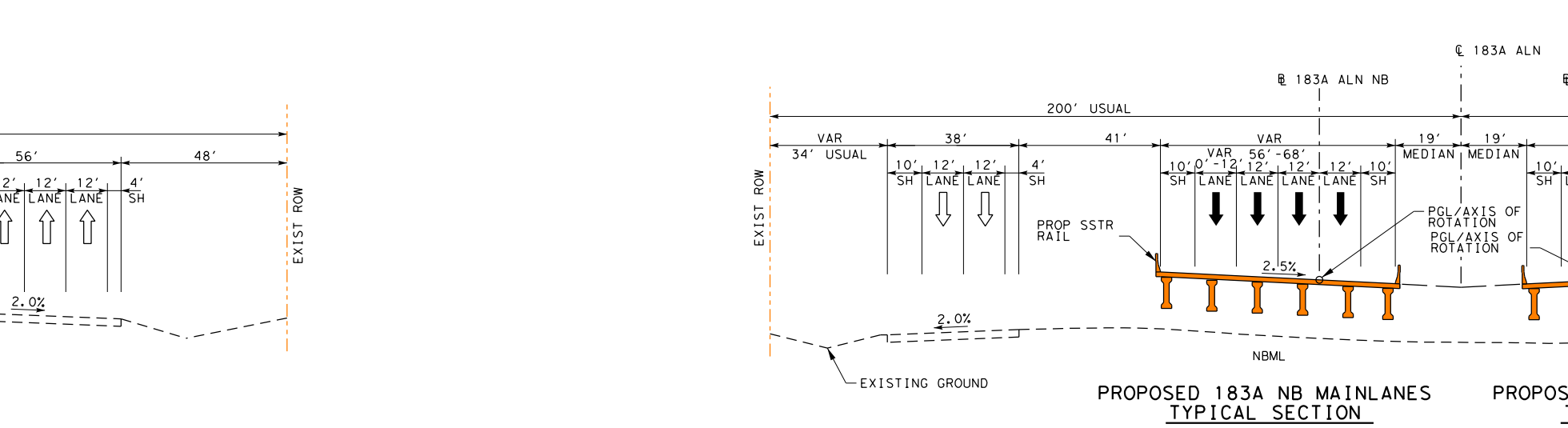
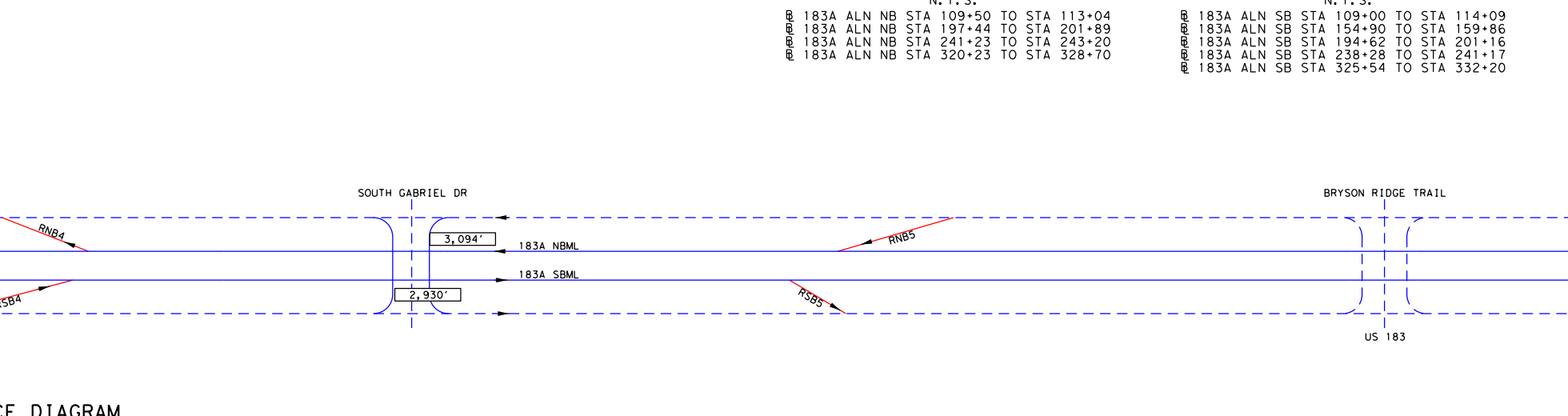
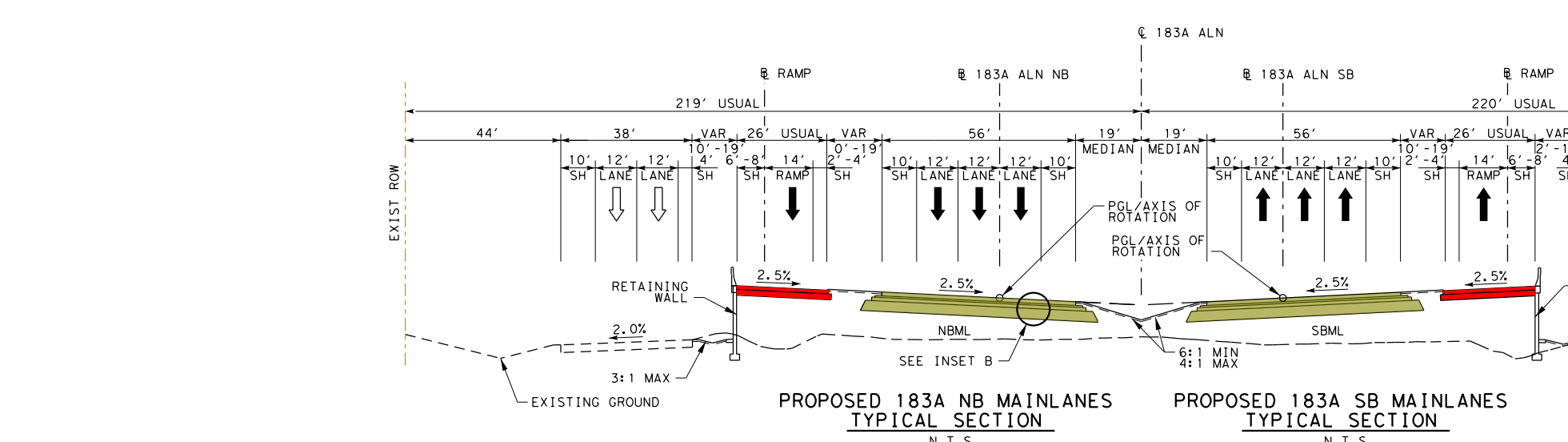
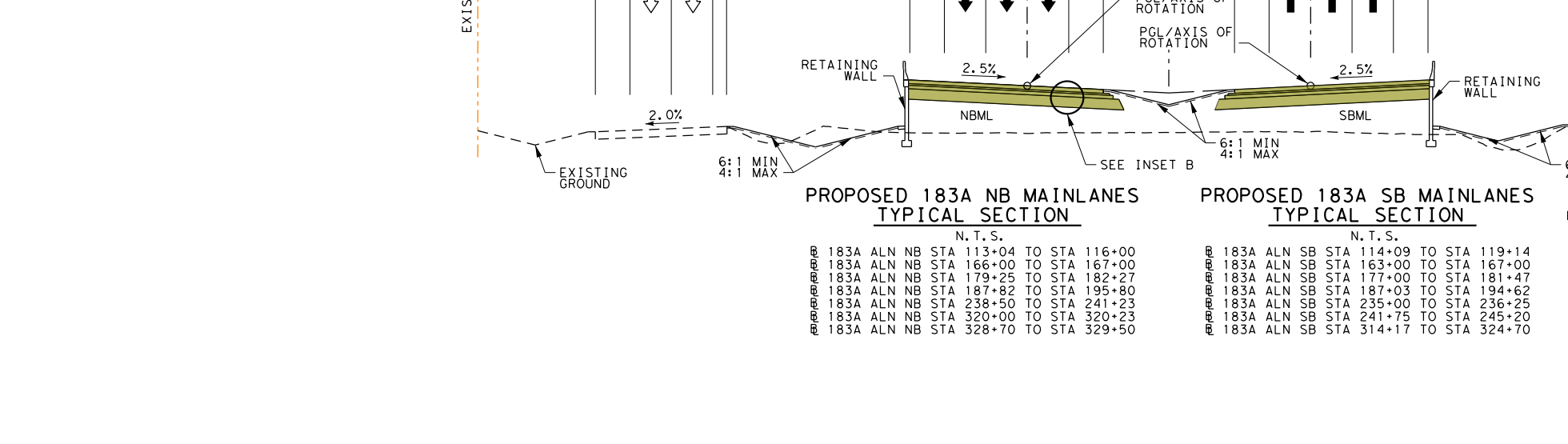
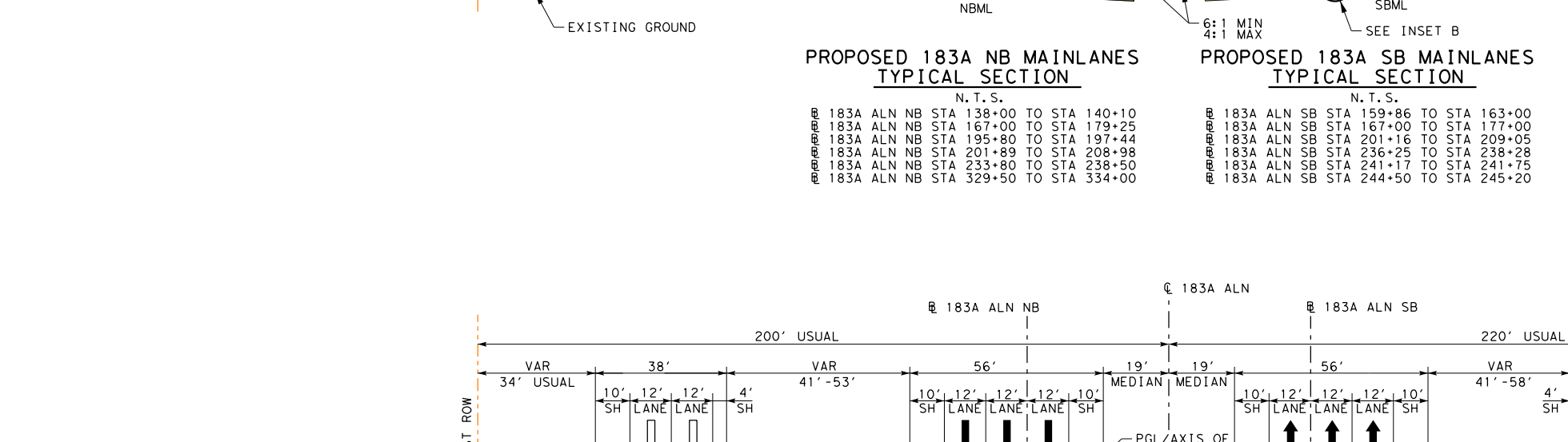
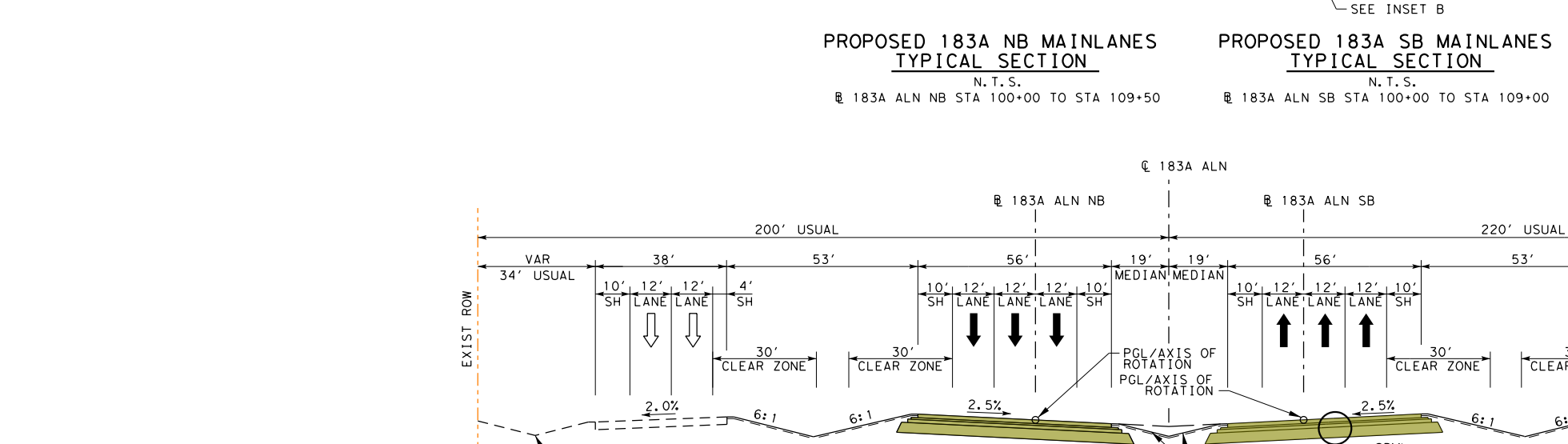
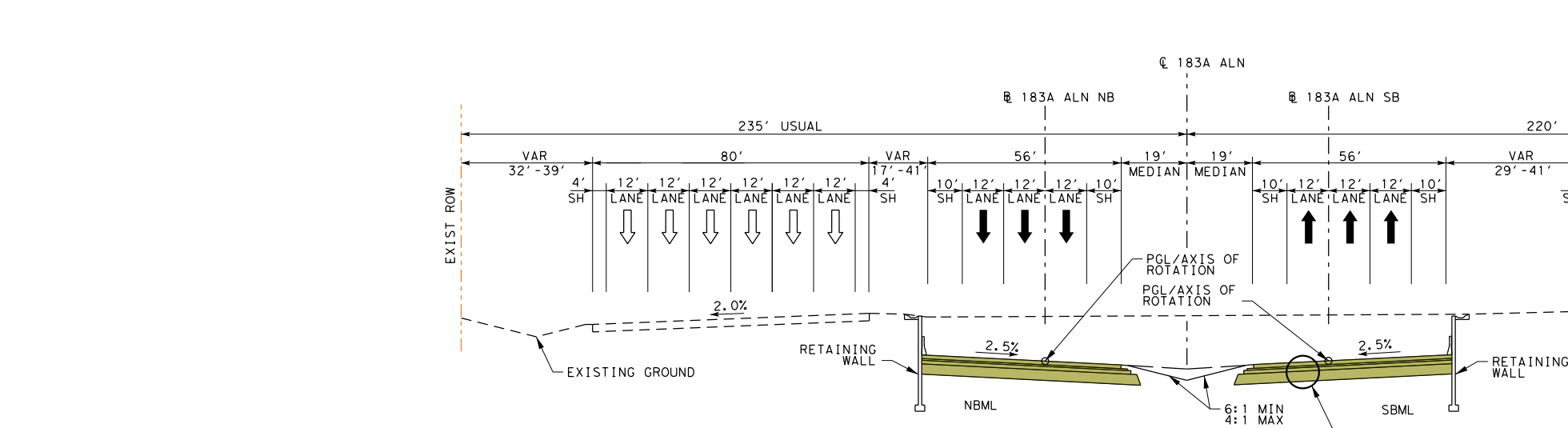
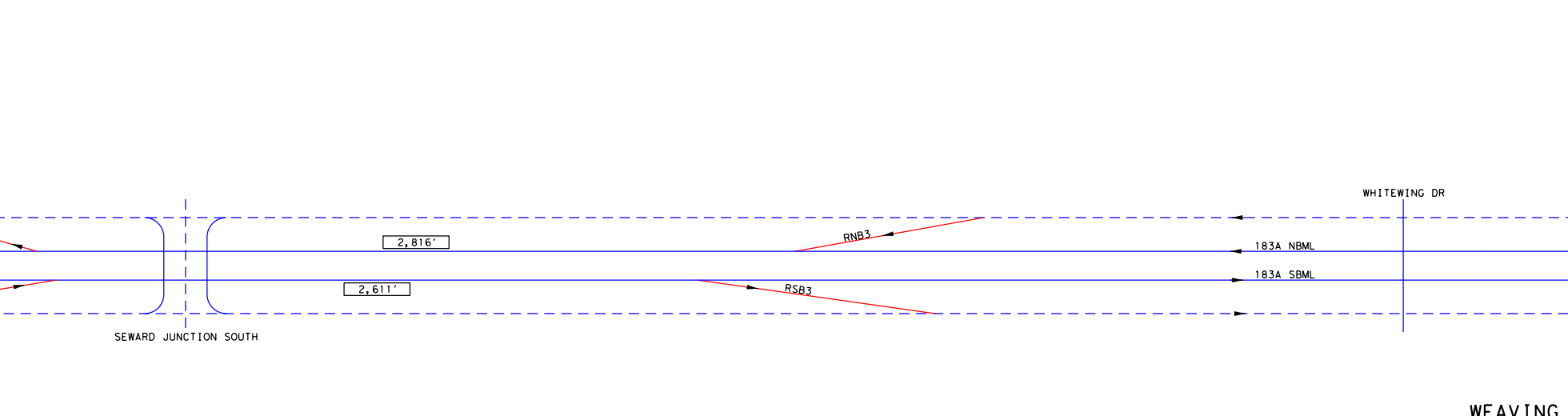
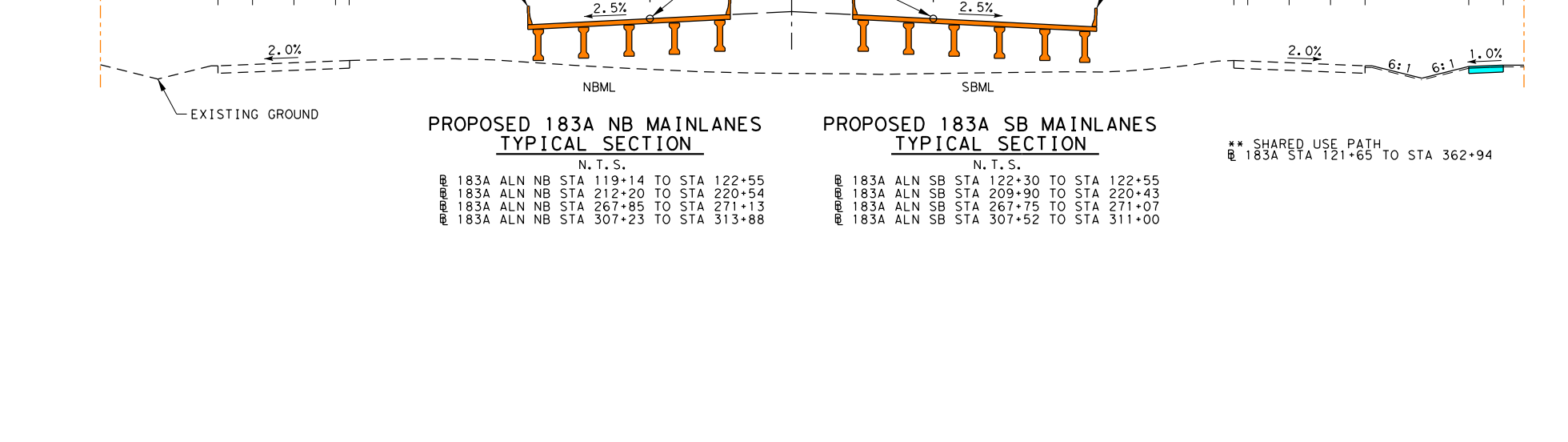
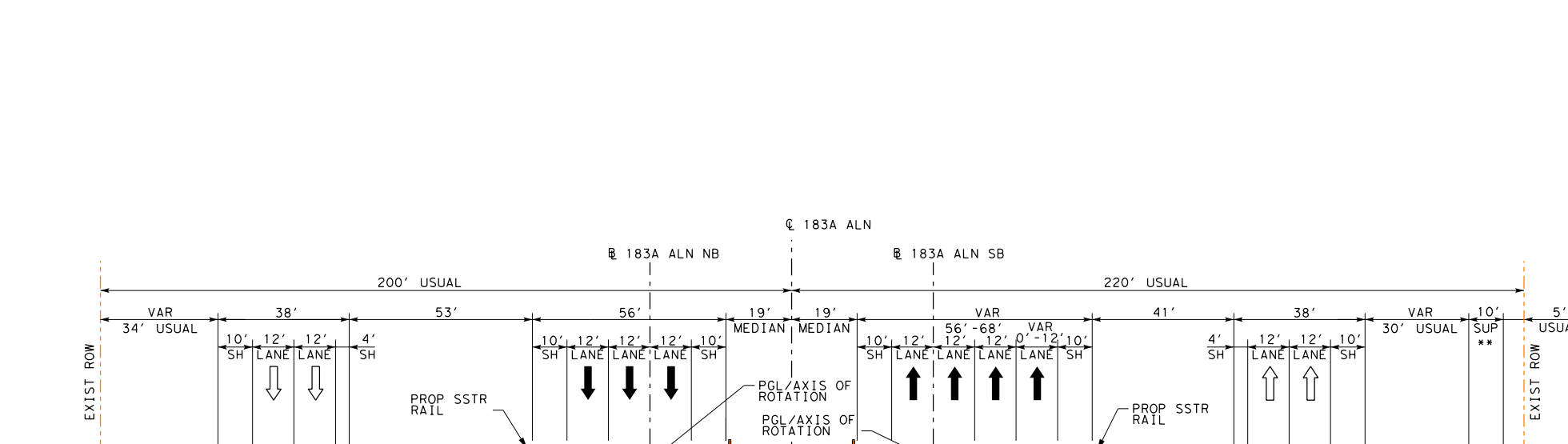
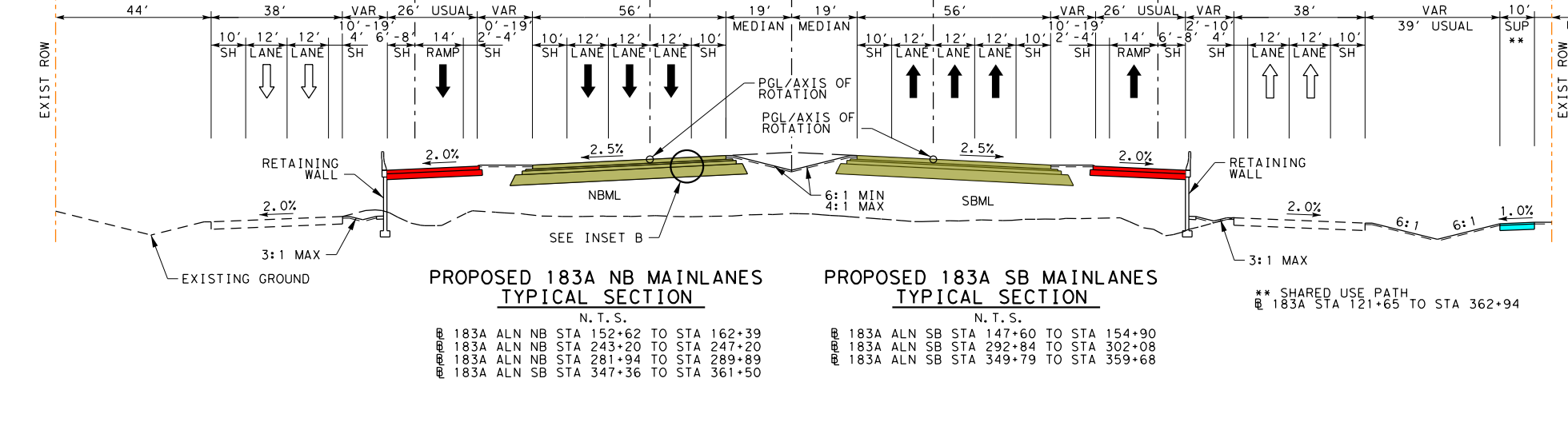
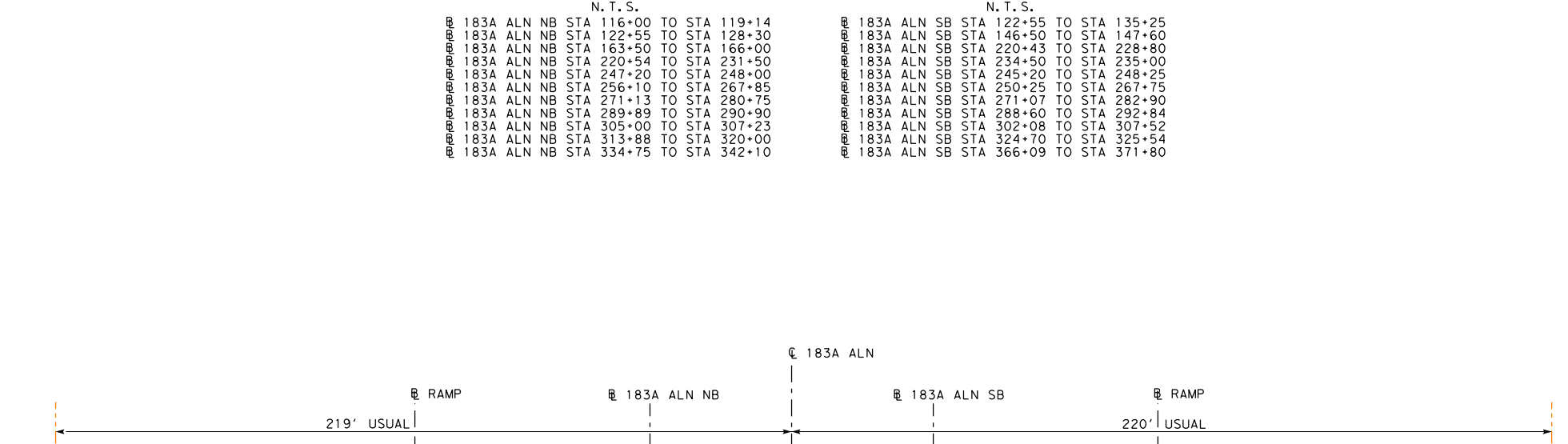
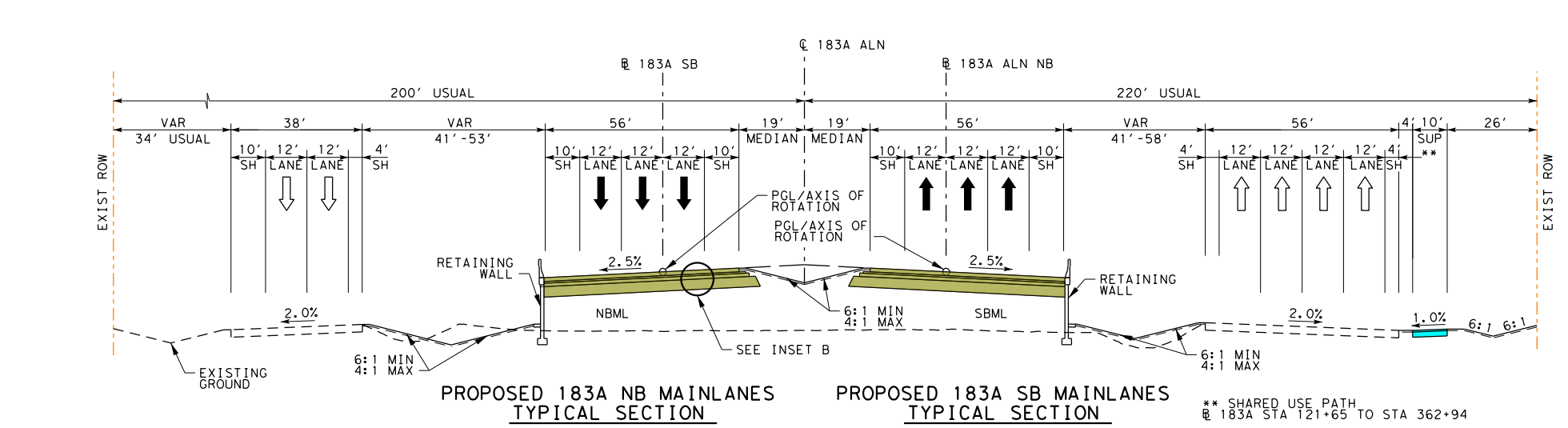
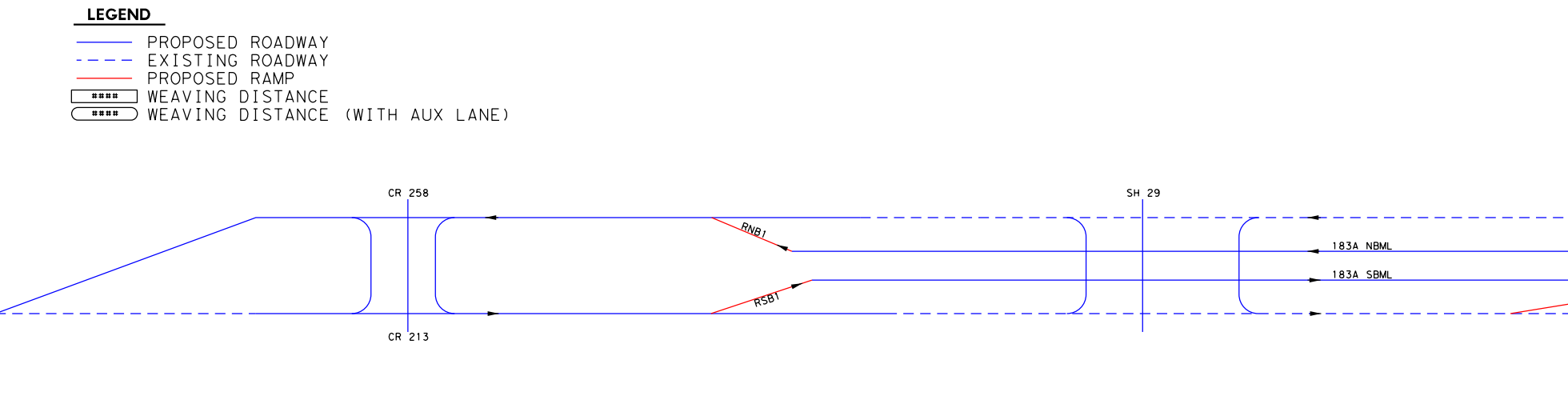
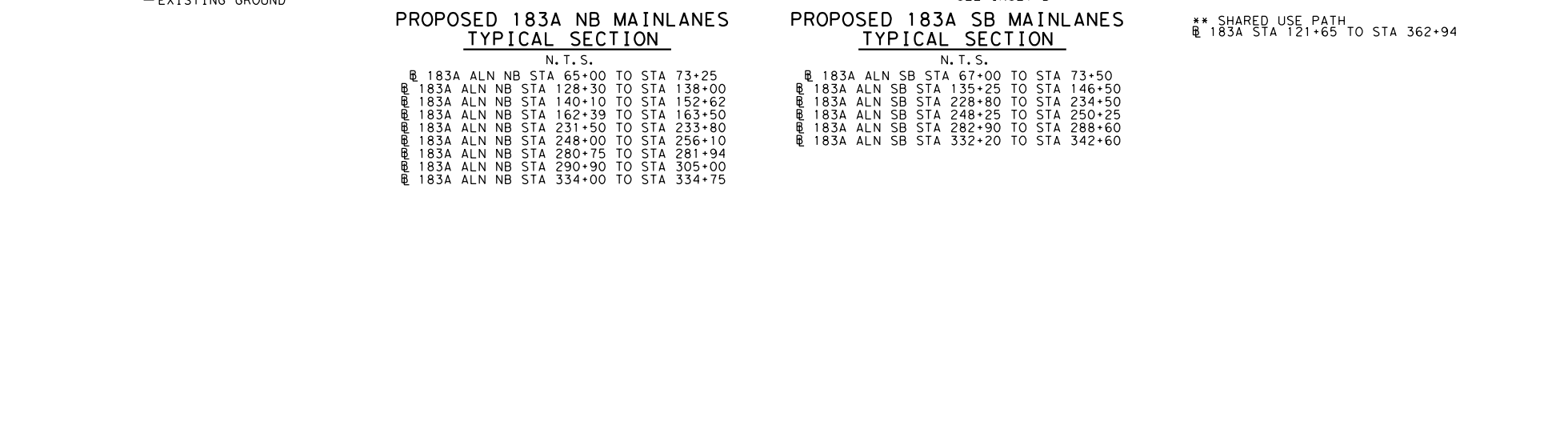
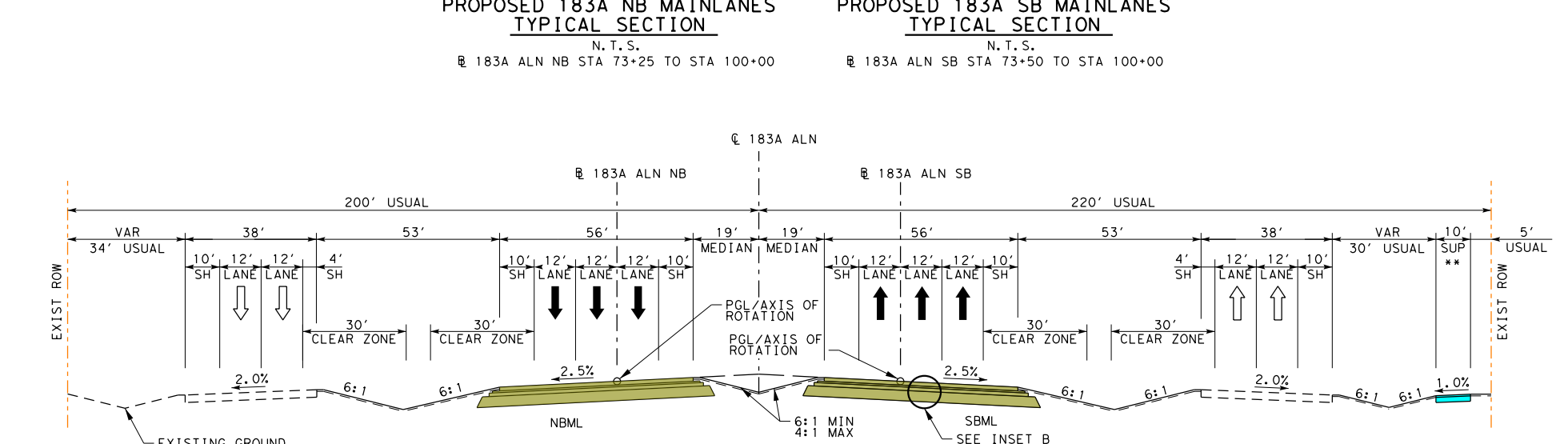
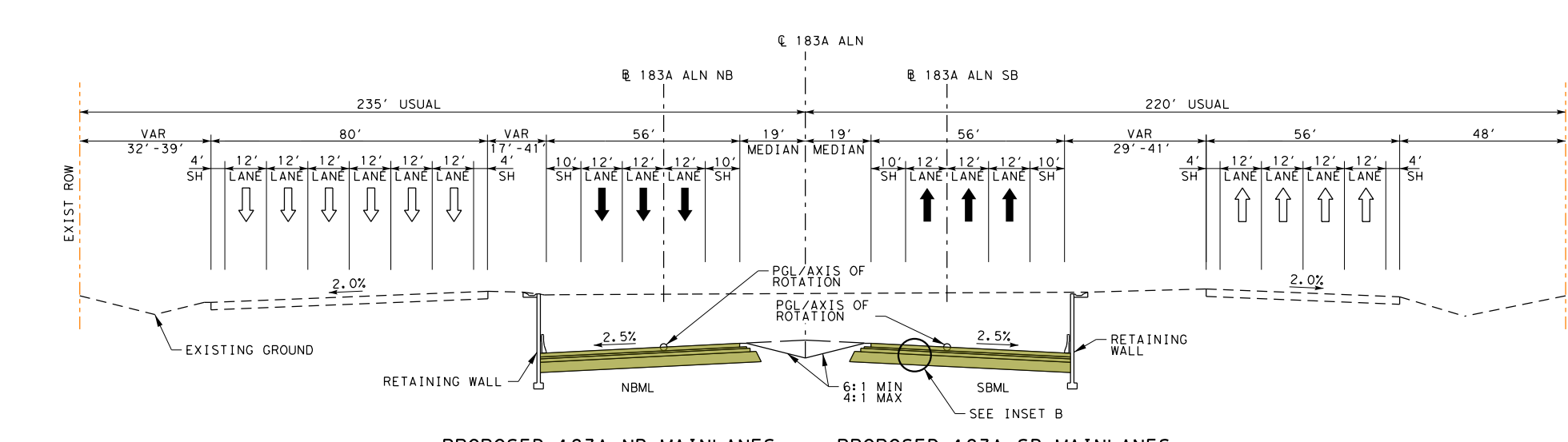
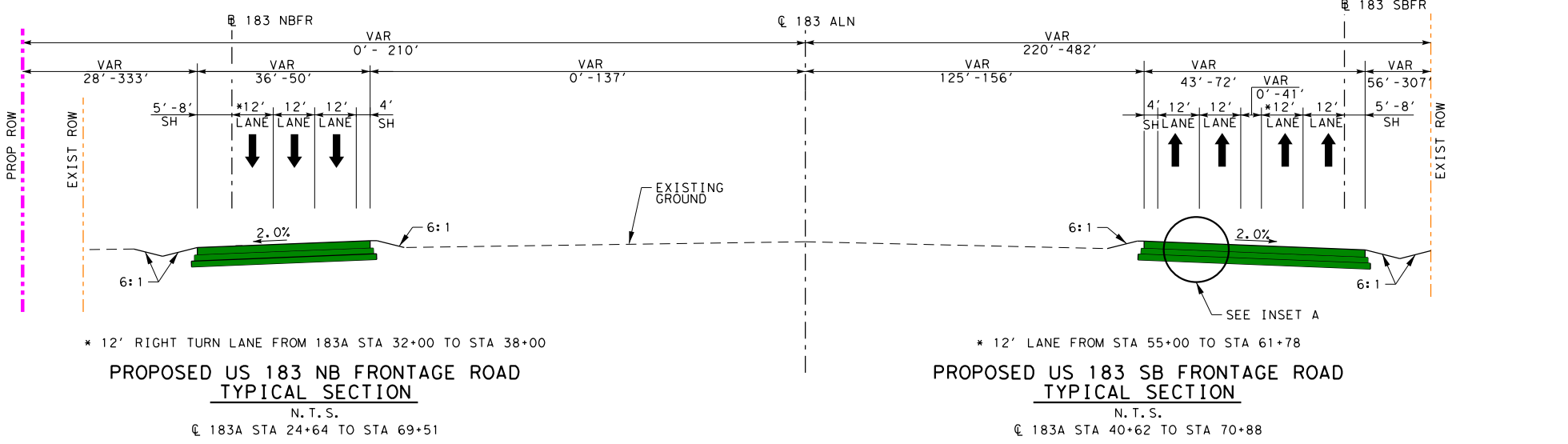
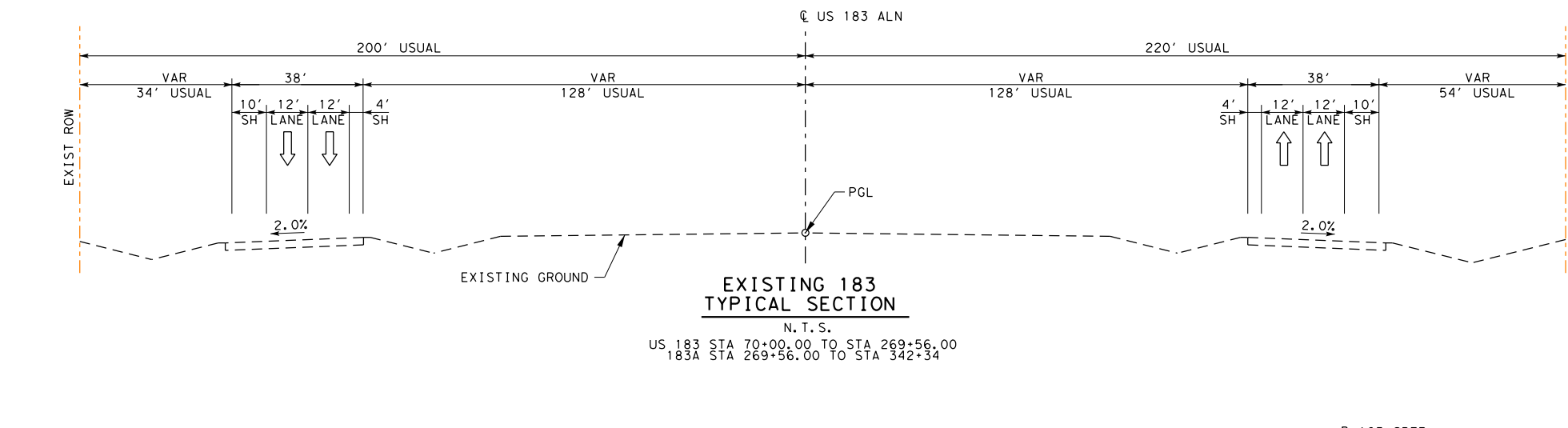
**LEGEND**

PROPOSED MAINLANES	STM SWR
PROPOSED FRONTAGE ROAD	TEL UG
PROPOSED BRIDGES	FIBER OPTIC UG
PROPOSED RAMP	WATER
PROPOSED CROSS STREETS	OVERHEAD
PROPOSED SHARED USE PATH	CABLE UG
PROPOSED TOLL GANTRY	TELECOM UG
RETAINING WALL	ELECTRICAL UG
CONTROL OF ACCESS (PROP)	WASTEWATER
CONTROL OF ACCESS (EXIST)	UNKNOWN
SAWCUT LINE	NOTE: UTILITY LOCATIONS APPROXIMATE BASED ON SUE 01-10
PROPOSED ROW	
EXISTING ROW	
EXISTING STORM SEWER	
PROPOSED STORM SEWER	
EXISTING DRAINAGE EASEMENT	
EXISTING ROADWAY	
EXISTING ROADWAY TO BE REMOVED	
EXISTING LANE DIRECTIONAL INDICATOR	
PROPOSED LANE DIRECTIONAL INDICATOR	
DELINEATOR	

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**RANDY L. EHRESMAN**  
P.E. SERIAL NO. 115628  
5/24/2019



**ROADWAY SCHEMATIC**  
TYPICAL SECTIONS & WEAVING DISTANCE  
ROLL 6 OF 7



**PRELIMINARY DESIGN SCHEMATIC  
183A PHASE III  
FROM CR258/213 TO  
HERO WAY**  
WILLIAMSON COUNTY  
FOR THE CONSTRUCTION OF MAINLANES, FRONTAGE  
ROADS AND RAMP.

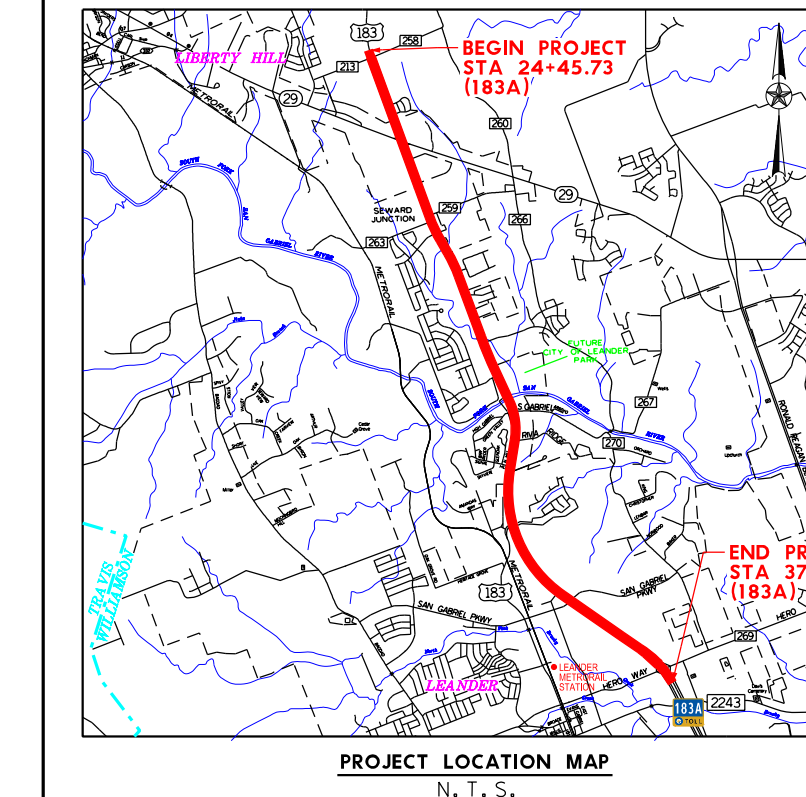
ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
183A MAINLANES	URBAN FREEWAY/PRINCIPAL ARTERIAL	70 MPH
FRONTAGE ROADS	URBAN ARTERIAL	50 MPH
RAMP	RAMP	50 MPH
COUNTY ROAD	URBAN MINOR ARTERIAL	40 MPH

CURRENT ADT: (2016) -  
SR 29 to US 183 33,800  
US 183 to Hero Way 22,300

PROJECTED ADT: (2041) -  
SR 29 to US 183 33,800  
US 183 to Hero Way 59,400

EQUATIONS: NONE  
RAILROADS: NONE  
EXCEPTIONS: NONE

NET LENGTH OF ROADWAY: 5.94 MI  
NET LENGTH OF BRIDGE: 0.66 MI  
TOTAL LENGTH OF PROJECT: 6.60 MI



**LEGEND**

PROPOSED MAINLANES	STM SWR
PROPOSED FRONTAGE ROAD	TEL UG
PROPOSED BRIDGES	FIBER OPTIC UG
PROPOSED RAMP	WATER
PROPOSED CROSS STREETS	OVERHEAD
PROPOSED SHARED USE PATH	CABLE UG
PROPOSED TOLL GANTRY	TELECOM UG
RETAINING WALL	ELECTRICAL UG
CONTROL OF ACCESS (PROP)	WASTEWATER
CONTROL OF ACCESS (EXIST)	UNKNOWN
SAWCUT LINE	NOTE: UTILITY LOCATIONS APPROXIMATE BASED ON SUE 01-10
PROPOSED ROW	
EXISTING ROW	
EXISTING STORM SEWER	
PROPOSED STORM SEWER	
EXISTING DRAINAGE EASEMENT	
EXISTING ROADWAY	
EXISTING ROADWAY TO BE REMOVED	
EXISTING LANE DIRECTIONAL INDICATOR	
PROPOSED LANE DIRECTIONAL INDICATOR	
DELINEATOR	

NOT FOR CONSTRUCTION OR PERMIT PURPOSES PREPARED UNDER THE SUPERVISION OF  
**RANDY L. EHRESMAN**  
P.E. SERIAL NO. 115628  
5/24/2019



**ROADWAY SCHEMATIC**  
TYPICAL SECTIONS & WEAVING DISTANCE  
ROLL 6 OF 7

**PRELIMINARY**  
SUBJECT TO REVISION  
NOT FOR CONSTRUCTION,  
PERMITTING, OR BIDDING  
**DRAFT PRINT**  
5/24/2019 11:13:14 AM



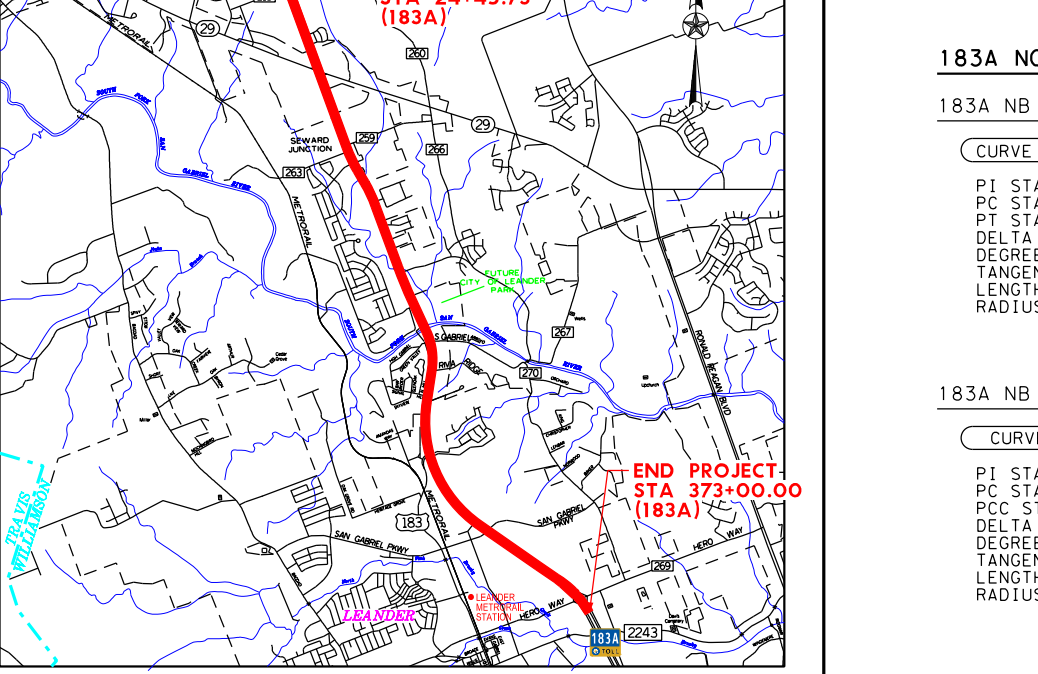
PRELIMINARY DESIGN SCHEMATIC  
183A PHASE III  
FROM CR258/213 TO HERO WAY  
WILLIAMSON COUNTY  
FOR THE CONSTRUCTION OF MAINLINES, FRONTAGE ROADS AND RAMPS.

183A MAINLINES - 183A\_ALN, 183A NORTHBOUND MAINLINES - 183A\_ALN\_NB, 183A SOUTHBOUND MAINLINES - 183A\_ALN\_SB, 183A NORTHBOUND RAMPS, 183A SOUTHBOUND RAMPS, 183A NB ENTRANCE RAMP - 183A\_NB, 183A SB ENTRANCE RAMP - 183A\_SB, 183A NB EXIT RAMP - 183A\_NB\_EXIT, 183A SB EXIT RAMP - 183A\_SB\_EXIT, 183A NB FRONTAGE ROAD - 183A\_NBFR, 183A SB FRONTAGE ROAD - 183A\_SBFR, INTERSECTIONS, TURNAROUNDS, SAN GABRIEL TA - 183A\_SG, SEWARD JUNCTION SOUTH TA - 183A\_SJ

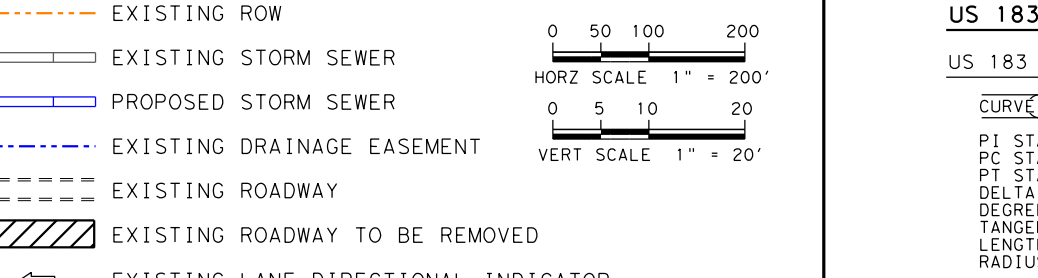
ROADWAY FUNCTIONAL CLASSIFICATION DESIGN SPEED  
183A MAINLINES URBAN FREEWAY PRINCIPAL ARTERIAL TO MPH  
FRONTAGE ROAD URBAN ARTERIAL TO MPH  
RAMP URBAN MINOR ARTERIAL 40 MPH  
COUNTY ROAD MAXIMUM SUPERELEVATION RATE (mm/m) = 6.0%

CURRENT ADT: (2016) 33,300 PROJECTED ADT: (2041) 90,100  
US 29 to US 183 33,300 US 183 to Hero Way 59,400

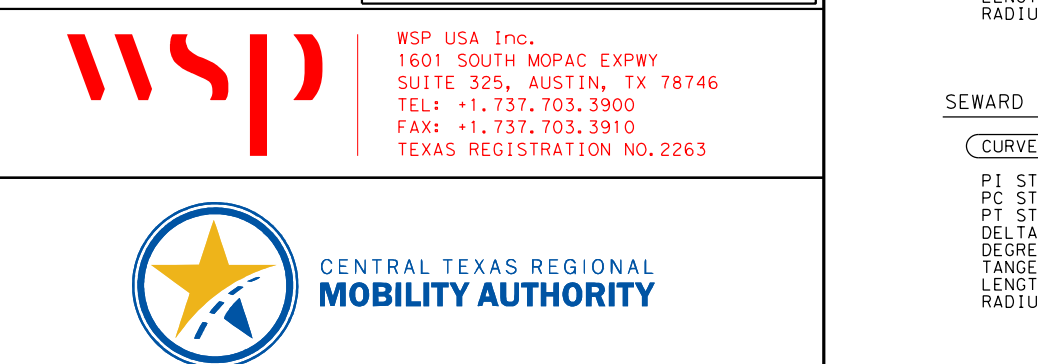
EQUATIONS: NONE NET LENGTH OF ROADWAY: 5.94 MI  
RAILROADS: NONE NET LENGTH OF BRIDGE: 0.46 MI  
EXCEPTIONS: NONE TOTAL LENGTH OF PROJECT: 6.60 MI



LEGEND  
PROPOSED MAINLINES (Green line)  
PROPOSED FRONTAGE ROAD (Blue line)  
PROPOSED BRIDGES (Orange line)  
PROPOSED RAMPS (Purple line)  
PROPOSED CROSS STREETS (Yellow line)  
PROPOSED SHARED USE PATH (Light Blue line)  
PROPOSED TOLL GANTRY (Pink line)  
RETAINING WALL (Red dashed line)  
CONTROL OF ACCESS (PROP) (Green dashed line)  
CONTROL OF ACCESS (EXIST) (Red dashed line)  
SAWCUT LINE (Red dashed line)  
PROPOSED ROW (Green dashed line)  
EXISTING ROW (Blue dashed line)  
EXISTING DRAINAGE EASEMENT (Blue dashed line)  
EXISTING ROADWAY (Blue dashed line)  
EXISTING ROADWAY TO BE REMOVED (Red dashed line)  
EXISTING LANE DIRECTIONAL INDICATOR (Green arrow)  
DELINEATOR (Blue arrow)



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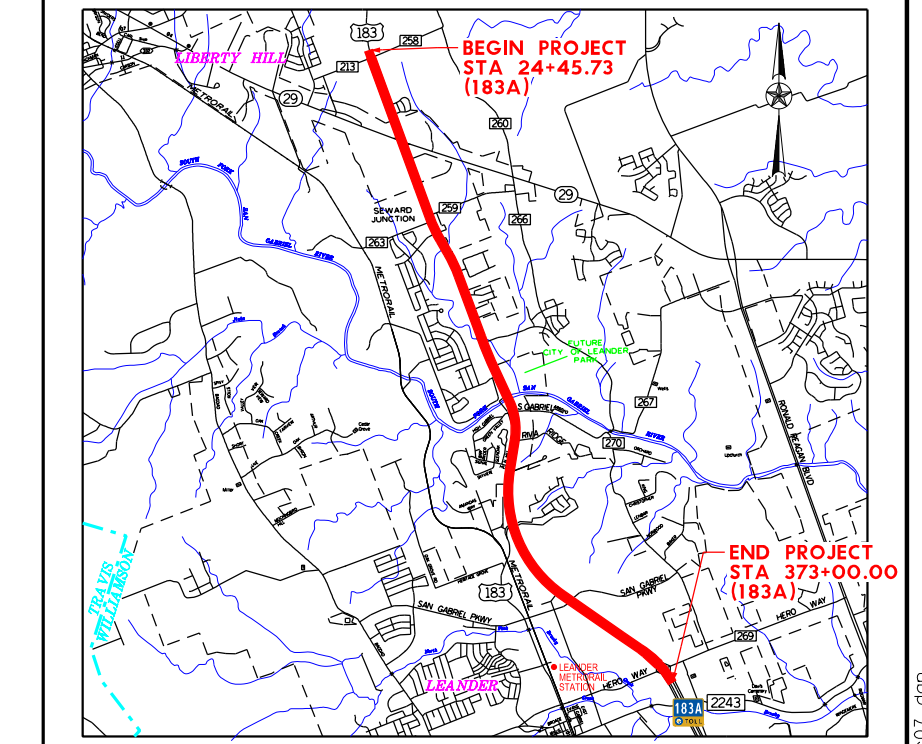
ROADWAY SCHEMATIC  
HORIZONTAL ALIGNMENT DATA  
ROLL 7 OF 7

PRELIMINARY DESIGN SCHEMATIC  
183A PHASE III  
FROM CR258/213 TO HERO WAY  
WILLIAMSON COUNTY  
FOR THE CONSTRUCTION OF MAINLINES, FRONTAGE ROADS AND RAMPS.

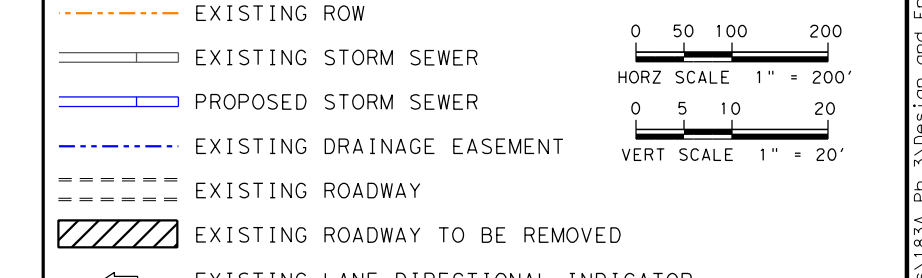
ROADWAY FUNCTIONAL CLASSIFICATION DESIGN SPEED  
183A MAINLINES URBAN FREEWAY PRINCIPAL ARTERIAL TO MPH  
FRONTAGE ROAD URBAN ARTERIAL TO MPH  
RAMP URBAN MINOR ARTERIAL 40 MPH  
COUNTY ROAD MAXIMUM SUPERELEVATION RATE (mm/m) = 6.0%

CURRENT ADT: (2016) 33,300 PROJECTED ADT: (2041) 90,100  
US 29 to US 183 33,300 US 183 to Hero Way 59,400

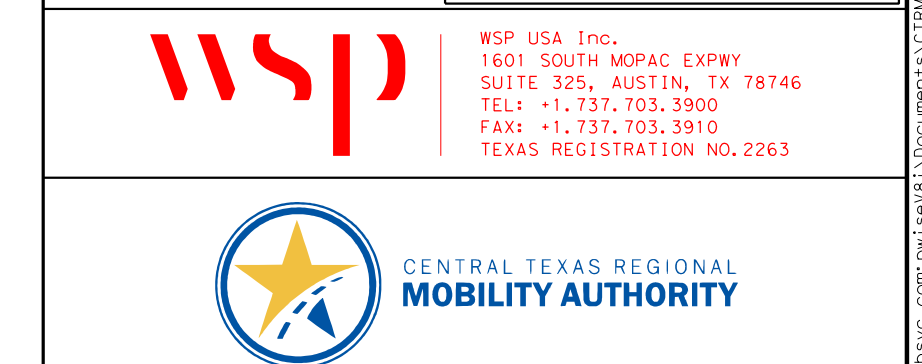
EQUATIONS: NONE NET LENGTH OF ROADWAY: 5.94 MI  
RAILROADS: NONE NET LENGTH OF BRIDGE: 0.46 MI  
EXCEPTIONS: NONE TOTAL LENGTH OF PROJECT: 6.60 MI



LEGEND  
PROPOSED MAINLINES (Green line)  
PROPOSED FRONTAGE ROAD (Blue line)  
PROPOSED BRIDGES (Orange line)  
PROPOSED RAMPS (Purple line)  
PROPOSED CROSS STREETS (Yellow line)  
PROPOSED SHARED USE PATH (Light Blue line)  
PROPOSED TOLL GANTRY (Pink line)  
RETAINING WALL (Red dashed line)  
CONTROL OF ACCESS (PROP) (Green dashed line)  
CONTROL OF ACCESS (EXIST) (Red dashed line)  
SAWCUT LINE (Red dashed line)  
PROPOSED ROW (Green dashed line)  
EXISTING ROW (Blue dashed line)  
EXISTING DRAINAGE EASEMENT (Blue dashed line)  
EXISTING ROADWAY (Blue dashed line)  
EXISTING ROADWAY TO BE REMOVED (Red dashed line)  
EXISTING LANE DIRECTIONAL INDICATOR (Green arrow)  
DELINEATOR (Blue arrow)



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ROADWAY SCHEMATIC  
HORIZONTAL ALIGNMENT DATA  
ROLL 7 OF 7

PRELIMINARY SUBJECT TO REVISION NOT FOR CONSTRUCTION, PERMITTING, OR BIDDING DRAFT PRINT 5/24/2019 11:33:33 AM



ROADWAY SCHEMATIC  
HORIZONTAL ALIGNMENT DATA  
ROLL 7 OF 7