PROVENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	94

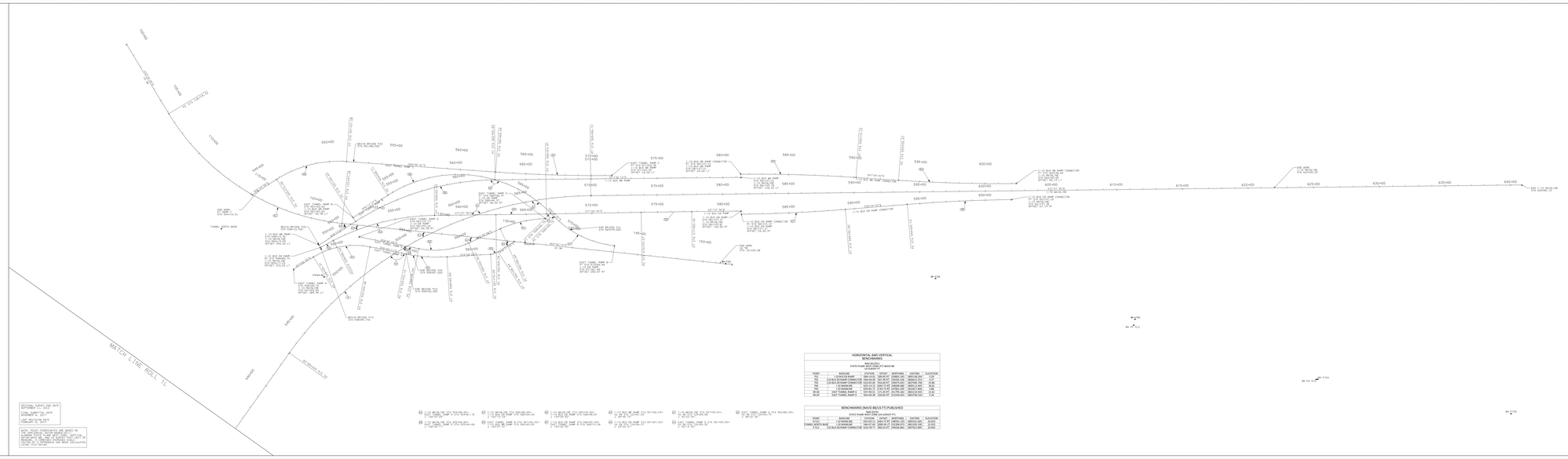
ALABAMA DEPARTMENT
OF TRANSPORTATION

MOBILE RIVER BRIDGE
MOBILE COUNTY

MAINLINE PRIMARY SURVEY CONTROL SHEET
ROLL 1 OF 1

SCALE: 1" = 100'

VICINITY MAP
NTS


MATCH LINE ROLL 1L
EAST TUNNEL RAMP A
EAST TUNNEL RAMP B
EAST TUNNEL RAMP C
EAST TUNNEL RAMP D
EAST TUNNEL RAMP E
EAST TUNNEL RAMP F
EAST TUNNEL RAMP G
EAST TUNNEL RAMP H
I-10 BUS WB RAMP
I-10 BUS EB RAMP
I-10 BUS WB RAMP CONNECTOR
I-10 BUS EB RAMP CONNECTOR
TUNNEL NORTH BASE
TUNNEL SOUTH BASE
BEGIN BRIDGE R.O.I.
END BRIDGE R.O.I.
BEGIN BRIDGE R.O.W.
END BRIDGE R.O.W.
BEGIN BRIDGE P.O.T.
END BRIDGE P.O.T.
BEGIN BRIDGE P.O.S.
END BRIDGE P.O.S.
BEGIN BRIDGE P.O.E.
END BRIDGE P.O.E.
BEGIN BRIDGE P.O.W.
END BRIDGE P.O.W.
BEGIN BRIDGE P.O.N.
END BRIDGE P.O.N.
BEGIN BRIDGE P.O.C.
END BRIDGE P.O.C

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	96

ALABAMA DEPARTMENT
OF TRANSPORTATION

MOBILE RIVER BRIDGE
MOBILE COUNTY

GEODATA SHEET
ROLL 1 OF 1

VICINITY MAP
NTS

Horizontal Alignment Name: ET RAMP A

		STATION	NORTHING	EASTING
	Elements Linear			
	POB	5646+06.10	291369.904	1801611.867
	POT	5650+00.00	291366.197	1801615.967
	Tangent Direction	N 70°07'50" W		
	Tangent Length	393.89		
C1	Elements Circular			
	PI	5654+05.31	291366.913	1801186.049
	PT	5660+60.73	291376.344	1801177.911
	Radius	1500.00	291366.913	1801186.049
	Delta	62°44'30" Right		
	Length	655.42		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	623.28		
	Middle Ordinate	145.28		
	External	151.28		
	Tangent Direction	N 31°29'15" W		
	Radial Direction	N 31°29'15" W		
	Chord Direction	N 69°44'45" W		
	Tangent Direction	N 07°59'15" W		
	Elements Linear			
	POC	5660+60.73	291403.388	1801620.128
	POT	5664+55.76	291506.899	1801622.188
	Tangent Direction	N 07°59'15" W		
	Tangent Length	395.03		
C2	Elements Circular			
	PI	5664+55.76	291506.899	1801622.188
	PT	5668+45.84	291606.140	1801624.195
	Radius	1500.00	291506.899	1801622.188
	Delta	37°49'29" Left		
	Length	989.29		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	971.36		
	Middle Ordinate	153.29		
	External	162.29		
	Tangent Direction	N 07°59'15" W		
	Radial Direction	N 45°49'44" W		
	Chord Direction	N 26°54'30" W		
	Tangent Direction	N 45°49'44" W		
	Elements Linear			
	POC	5668+45.84	291684.368	1801624.051
	POT	5671+75.05	291684.368	1801625.037
	Tangent Direction	N 74°19'20" W		
	Tangent Length	329.21		
C3	Elements Circular			
	PI	5671+75.05	291684.368	1801625.037
	PT	5674+75.84	291684.368	1801625.037
	Radius	1500.00	291684.368	1801625.037
	Delta	12°03'11" Left		
	Length	300.79		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	300.27		
	Middle Ordinate	15.09		
	External	15.09		
	Tangent Direction	N 74°19'20" W		
	Radial Direction	N 62°16'09" W		
	Chord Direction	N 68°17'45" W		
	Tangent Direction	N 74°19'20" W		
	Elements Linear			
	POC	5674+75.84	291684.310	1801625.120
	POT	5676+00.00	291683.450	1801625.500
	Tangent Direction	N 74°19'20" W		
	Tangent Length	124.16		

Horizontal Alignment Name: ET RAMP B

		STATION	NORTHING	EASTING
	Elements Linear			
	POB	5614+40.63	291355.763	1801571.548
	POT	5616+75.00	291355.763	1801571.548
	Tangent Direction	N 70°07'50" W		
	Tangent Length	234.40		
C4	Elements Circular			
	PI	5616+75.00	291355.763	1801571.548
	PT	5621+05.53	291363.101	1801177.737
	Radius	1500.00	291355.763	1801571.548
	Delta	16°51'07" Right		
	Length	430.53		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	429.09		
	Middle Ordinate	97.09		
	External	104.09		
	Tangent Direction	N 31°29'15" W		
	Radial Direction	N 14°38'08" E		
	Chord Direction	N 39°54'22" W		
	Tangent Direction	N 48°19'36" W		
	Elements Linear			
	POC	5621+05.53	291403.388	1801620.128
	POT	5624+75.00	291506.899	1801622.188
	Tangent Direction	N 48°19'36" W		
	Tangent Length	369.47		
C5	Elements Circular			
	PI	5624+75.00	291506.899	1801622.188
	PT	5628+45.84	291606.140	1801624.195
	Radius	1500.00	291506.899	1801622.188
	Delta	37°49'29" Left		
	Length	989.29		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	971.36		
	Middle Ordinate	153.29		
	External	162.29		
	Tangent Direction	N 48°19'36" W		
	Radial Direction	N 86°09'05" W		
	Chord Direction	N 67°44'30" W		
	Tangent Direction	N 48°19'36" W		
	Elements Linear			
	POC	5628+45.84	291684.310	1801624.051
	POT	5631+75.05	291684.368	1801625.037
	Tangent Direction	N 48°19'36" W		
	Tangent Length	329.21		
C6	Elements Circular			
	PI	5631+75.05	291684.368	1801625.037
	PT	5634+75.84	291684.368	1801625.037
	Radius	1500.00	291684.368	1801625.037
	Delta	12°03'11" Left		
	Length	300.79		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	300.27		
	Middle Ordinate	15.09		
	External	15.09		
	Tangent Direction	N 48°19'36" W		
	Radial Direction	N 36°09'29" W		
	Chord Direction	N 42°14'30" W		
	Tangent Direction	N 48°19'36" W		
	Elements Linear			
	POC	5634+75.84	291684.310	1801625.120
	POT	5636+00.00	291683.450	1801625.500
	Tangent Direction	N 48°19'36" W		
	Tangent Length	124.16		

Horizontal Alignment Name: ET RAMP C

		STATION	NORTHING	EASTING
	Elements Linear			
	POB	5674+75.84	291684.368	1801625.037
	POT	5676+00.00	291684.310	1801624.051
	Tangent Direction	N 74°19'20" W		
	Tangent Length	324.16		
C7	Elements Circular			
	PI	5676+00.00	291684.310	1801624.051
	PT	5679+75.28	291684.713	1801116.855
	Radius	1500.00	291684.310	1801624.051
	Delta	19°12'01" Right		
	Length	503.28		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	500.81		
	Middle Ordinate	94.81		
	External	96.81		
	Tangent Direction	N 74°19'20" W		
	Radial Direction	N 55°07'19" E		
	Chord Direction	N 64°13'30" W		
	Tangent Direction	N 53°07'40" W		
	Elements Linear			
	POC	5679+75.28	291684.713	1801116.855
	POT	5681+00.00	291684.983	1801090.170
	Tangent Direction	N 53°07'40" W		
	Tangent Length	124.72		
C8	Elements Circular			
	PI	5681+00.00	291684.983	1801090.170
	PT	5684+75.49	291684.983	1801713.500
	Radius	1500.00	291684.983	1801090.170
	Delta	14°26'29" Left		
	Length	375.49		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	374.49		
	Middle Ordinate	94.49		
	External	96.49		
	Tangent Direction	N 53°07'40" W		
	Radial Direction	N 38°41'11" E		
	Chord Direction	N 60°54'05" W		
	Tangent Direction	N 68°40'30" W		
	Elements Linear			
	POC	5684+75.49	291684.983	1801713.500
	POT	5686+00.00	291684.713	1801716.809
	Tangent Direction	N 68°40'30" W		
	Tangent Length	324.51		

Horizontal Alignment Name: ET RAMP D

		STATION	NORTHING	EASTING
	Elements Linear			
	POB	5614+74.19	291396.990	1801609.456
	POT	5616+75.00	291396.763	1801609.548
	Tangent Direction	S 19°43'20" W		
	Tangent Length	200.81		
C9	Elements Circular			
	PI	5616+75.00	291396.763	1801609.548
	PT	5619+25.34	291363.101	1801177.062
	Radius	1500.00	291396.763	1801609.548
	Delta	9°34'07" Left		
	Length	250.34		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	249.94		
	Middle Ordinate	31.34		
	External	31.44		
	Tangent Direction	S 31°29'15" E		
	Radial Direction	S 21°55'08" W		
	Chord Direction	S 26°42'11" E		
	Tangent Direction	S 21°55'07" E		
	Elements Linear			
	POC	5619+25.34	291403.388	1801620.128
	POT	5621+05.53	291506.899	1801622.188
	Tangent Direction	S 21°55'07" E		
	Tangent Length	180.19		
C10	Elements Circular			
	PI	5621+05.53	291506.899	1801622.188
	PT	5624+75.00	291684.368	1801625.037
	Radius	1500.00	291506.899	1801622.188
	Delta	13°44'29" Left		
	Length	359.47		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	358.56		
	Middle Ordinate	60.56		
	External	61.56		
	Tangent Direction	S 21°55'07" E		
	Radial Direction	N 35°10'36" E		
	Chord Direction	S 14°32'52" E		
	Tangent Direction	S 07°50'37" E		
	Elements Linear			
	POC	5624+75.00	291684.368	1801625.037
	POT	5626+00.00	291683.450	1801625.500
	Tangent Direction	S 07°50'37" E		
	Tangent Length	125.00		
C11	Elements Circular			
	PI	5626+00.00	291683.450	1801625.500
	PT	5629+75.28	291363.101	1801177.062
	Radius	1500.00	291683.450	1801625.500
	Delta	14°26'29" Left		
	Length	375.28		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	374.28		
	Middle Ordinate	94.28		
	External	96.28		
	Tangent Direction	S 07°50'37" E		
	Radial Direction	N 22°40'07" E		
	Chord Direction	S 14°45'22" E		
	Tangent Direction	S 21°40'07" E		
	Elements Linear			
	POC	5629+75.28	291363.101	1801177.062
	POT	5631+75.00	291396.763	1801609.548
	Tangent Direction	S 21°40'07" E		
	Tangent Length	200.72		

Horizontal Alignment Name: I-10 BUS EBR

		STATION	NORTHING	EASTING
	Elements Linear			
	POB	5646+06.10	291369.904	1801611.867
	POT	5648+00.00	291369.763	1801612.512
	Tangent Direction	N 70°07'50" W		
	Tangent Length	193.90		
C12	Elements Circular			
	PI	5648+00.00	291369.763	1801612.512
	PT	5651+75.00	291363.101	1801177.062
	Radius	1500.00	291369.763	1801612.512
	Delta	14°26'29" Right		
	Length	375.00		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	374.00		
	Middle Ordinate	94.00		
	External	96.00		
	Tangent Direction	N 70°07'50" W		
	Radial Direction	N 55°37'39" E		
	Chord Direction	N 62°52'44" W		
	Tangent Direction	N 55°37'39" W		
	Elements Linear			
	POC	5651+75.00	291363.101	1801177.062
	POT	5653+00.00	291363.101	1801175.808
	Tangent Direction	N 55°37'39" W		
	Tangent Length	125.00		
C13	Elements Circular			
	PI	5653+00.00	291363.101	1801175.808
	PT	5656+75.34	291363.101	1801177.062
	Radius	1500.00	291363.101	1801175.808
	Delta	14°26'29" Left		
	Length	375.34		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	374.34		
	Middle Ordinate	94.34		
	External	96.34		
	Tangent Direction	N 55°37'39" W		
	Radial Direction	S 41°22'21" W		
	Chord Direction	N 62°52'44" W		
	Tangent Direction	N 70°07'50" W		
	Elements Linear			
	POC	5656+75.34	291363.101	1801177.062
	POT	5658+00.00	291396.763	1801609.548
	Tangent Direction	N 70°07'50" W		
	Tangent Length	124.66		
C14	Elements Circular			
	PI	5658+00.00	291396.763	1801609.548
	PT	5661+75.00	291396.990	1801613.465
	Radius	1500.00	291396.763	1801609.548
	Delta	14°26'29" Right		
	Length	375.00		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	374.00		
	Middle Ordinate	94.00		
	External	96.00		
	Tangent Direction	N 70°07'50" W		
	Radial Direction	N 55°37'39" E		
	Chord Direction	N 62°52'44" W		
	Tangent Direction	N 55°37'39" W		
	Elements Linear			
	POC	5661+75.00	291396.990	1801613.465
	POT	5663+00.00	291396.763	1801612.512
	Tangent Direction	N 55°37'39" W		
	Tangent Length	125.00		
C15	Elements Circular			
	PI	5663+00.00	291396.763	1801612.512
	PT	5666+75.29	291363.101	1801177.062
	Radius	1500.00	291396.763	1801612.512
	Delta	14°26'29" Left		
	Length	375.29		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	374.29		
	Middle Ordinate	94.29		
	External	96.29		
	Tangent Direction	N 55°37'39" W		
	Radial Direction	S 41°22'21" W		
	Chord Direction	N 62°52'44" W		
	Tangent Direction	N 70°07'50" W		
	Elements Linear			
	POC	5666+75.29	291363.101	1801177.062
	POT	5668+00.00	291369.763	1801609.548
	Tangent Direction	N 70°07'50" W		
	Tangent Length	124.71		

Horizontal Alignment Name: I-10 BUS WBR

		STATION	NORTHING	EASTING
	Elements Linear			
	POB	5614+40.63	291355.763	1801571.548
	POT	5616+75.00	291355.763	1801571.548
	Tangent Direction	N 70°07'50" W		
	Tangent Length	234.40		
C16	Elements Circular			
	PI	5616+75.00	291355.763	1801571.548
	PT	5619+25.34	291363.101	1801177.062
	Radius	1500.00	291355.763	1801571.548
	Delta	9°34'07" Left		
	Length	250.34		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	249.94		
	Middle Ordinate	31.34		
	External	31.44		
	Tangent Direction	N 31°29'15" W		
	Radial Direction	N 21°55'08" E		
	Chord Direction	N 26°42'11" W		
	Tangent Direction	N 21°55'07" W		
	Elements Linear			
	POC	5619+25.34	291396.763	1801609.548
	POT	5621+05.53	291506.899	1801622.188
	Tangent Direction	N 21°55'07" W		
	Tangent Length	180.19		
C17	Elements Circular			
	PI	5621+05.53	291506.899	1801622.188
	PT	5624+75.00	291684.368	1801625.037
	Radius	1500.00	291506.899	1801622.188
	Delta	13°44'29" Right		
	Length	359.47		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	358.56		
	Middle Ordinate	60.56		
	External	61.56		
	Tangent Direction	N 21°55'07" W		
	Radial Direction	N 35°10'36" E		
	Chord Direction	N 14°32'52" W		
	Tangent Direction	N 07°50'37" W		
	Elements Linear			
	POC	5624+75.00	291684.368	1801625.037
	POT	5626+00.00	291683.450	1801625.500
	Tangent Direction	N 07°50'37" W		
	Tangent Length	125.00		
C18	Elements Circular			
	PI	5626+00.00	291683.450	1801625.500
	PT	5629+75.29	291363.101	1801177.062
	Radius	1500.00	291683.450	1801625.500
	Delta	14°26'29" Left		
	Length	375.29		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	374.29		
	Middle Ordinate	94.29		
	External	96.29		
	Tangent Direction	N 07°50'37" W		
	Radial Direction	N 22°40'07" E		
	Chord Direction	N 14°45'22" W		
	Tangent Direction	N 21°40'07" W		
	Elements Linear			
	POC	5629+75.29	291363.101	1801177.062
	POT	5631+75.00	291396.763	1801609.548
	Tangent Direction	N 21°40'07" W		
	Tangent Length	200.71		

Horizontal Alignment Name: I-10 BUS EBR CONNECTOR

		STATION	NORTHING	EASTING
C19	Elements Circular			
	PI	5614+57.31	291326.980	1800573.737
	PT	5616+75.00	291355.763	1801571.548
	Radius	1500.00	291326.980	1800573.737
	Delta	11°00'00" Left		
	Length	288.31		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	287.81		
	Middle Ordinate	36.31		
	External	36.44		
	Tangent Direction	S 31°29'15" E		
	Radial Direction	S 42°29'15" W		
	Chord Direction	S 36°44'07" E		
	Tangent Direction	S 42°58'59" E		
	Elements Linear			
	POC	5616+75.00	291396.763	1801609.548
	POT	5618+00.00	291396.990	1801610.938
	Tangent Direction	S 42°58'59" E		
	Tangent Length	125.00		
C20	Elements Circular			
	PI	5618+00.00	291396.990	1801610.938
	PT	5621+75.34	291363.101	1801177.062
	Radius	1500.00	291396.990	1801610.938
	Delta	14°26'29" Right		
	Length	375.34		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	374.34		
	Middle Ordinate	94.34		
	External	96.34		
	Tangent Direction	S 42°58'59" E		
	Radial Direction	N 57°31'30" E		
	Chord Direction	S 35°13'44" E		
	Tangent Direction	S 27°28'29" E		
	Elements Linear			
	POC	5621+75.34	291363.101	1801177.062
	POT	5623+00.00	291326.980	1800573.737
	Tangent Direction	S 27°28'29" E		
	Tangent Length	124.66		

Horizontal Alignment Name: I-10 BUS WBR CONNECTOR

		STATION	NORTHING	EASTING
C21	Elements Circular			
	PI	5614+57.31	291355.114	1800469.786
	PT	5616+75.00	291355.763	1801571.548
	Radius	1500.00	291355.114	1800469.786
	Delta	11°00'00" Right		
	Length	288.31		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	287.81		
	Middle Ordinate	36.31		
	External	36.44		
	Tangent Direction	S 31°29'15" E		
	Radial Direction	S 42°29'15" W		
	Chord Direction	S 36°44'07" E		
	Tangent Direction	S 42°58'59" E		
	Elements Linear			
	POC	5616+75.00	291396.763	1801609.548
	POT	5618+00.00	291396.990	1801610.938
	Tangent Direction	S 42°58'59" E		
	Tangent Length	125.00		
C22	Elements Circular			
	PI	5618+00.00	291396.990	1801610.938
	PT	5621+75.34	291363.101	1801177.062
	Radius	1500.00	291396.990	1801610.938
	Delta	14°26'29" Left		
	Length	375.34		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	374.34		
	Middle Ordinate	94.34		
	External	96.34		
	Tangent Direction	S 42°58'59" E		
	Radial Direction	S 57°31'30" W		
	Chord Direction	S 35°13'44" E		
	Tangent Direction	S 27°28'29" E		
	Elements Linear			
	POC	5621+75.34	291363.101	1801177.062
	POT	5623+00.00	291326.980	1800573.737
	Tangent Direction	S 27°28'29" E		
	Tangent Length	124.66		

Horizontal Alignment Name: US 98

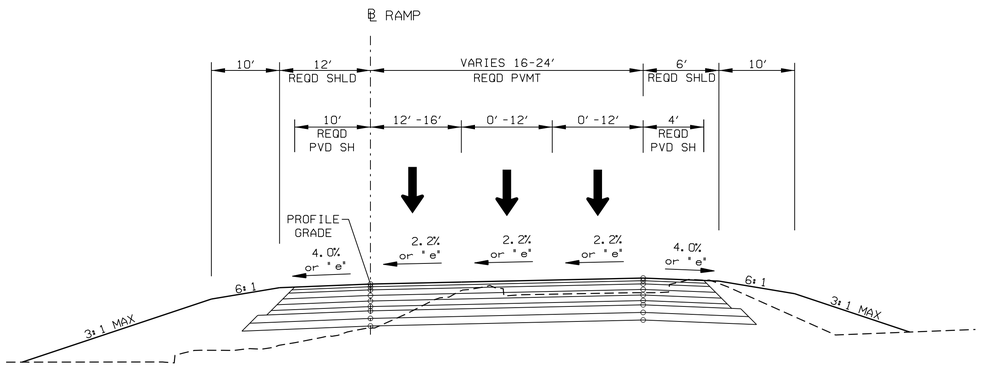
		STATION	NORTHING	EASTING
	Elements Linear			
	POB	1004+00.00	291963.491	1801231.564
	POT	1006+00.00	291963.491	1801231.564
	Tangent Direction	S 14°24'34" W		
	Tangent Length	200.00		
C23	Elements Circular			
	PI	1006+00.00	291963.491	1801231.564
	PT	1014+00.00	291955.194	1801900.709
	Radius	1500.00	291955.194	1801900.709
	Delta	25°29'34" Left		
	Length	669.34		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	663.81		
	Middle Ordinate	170.34		
	External	174.34		
	Tangent Direction	S 14°24'34" W		
	Radial Direction	S 11°05'00" E		
	Chord Direction	S 26°19'51" W		
	Tangent Direction	S 38°15'08" W		
	Elements Linear			
	POC	1014+00.00	291955.194	1801900.709
	POT	1016+00.00	291955.194	1801902.709
	Tangent Direction	S 38°15'08" W		
	Tangent Length	200.00		
C24	Elements Circular			
	PI	1016+00.00	291955.194	1801902.709
	PT	1019+00.00	291955.194	1801905.697
	Radius	1500.00	291955.194	1801902.709
	Delta	11°24'00" Left		
	Length	298.99		
	Degree of Curvature(Arc)	3°49'11"		
	Chord	298.49		
	Middle Ordinate	37.49		
	External	37.57		
	Tangent Direction	S 38°15'08" W		
	Radial Direction	S 49°39'08" E		
	Chord Direction	S 32°33'08" W		
	Tangent Direction	S 26°51'08" W		
	Elements Linear			
	POC	1019+00.00	291955.194	1801905.697
	POT	1021+00.00	291936.066	1801906.572
	Tangent Direction	S 26°51'08" W		
	Tangent Length	200.00		

TYPICAL SECTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
	2023	2-O

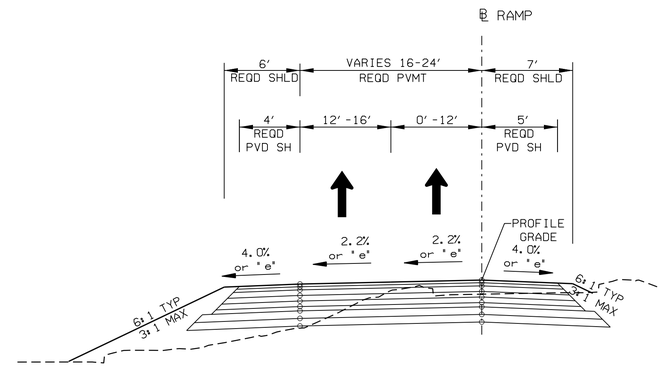
PROJECT NOTES

GN-2 NOTES



TYPICAL SECTION

EAST TUNNEL RAMP C
STA. 545+19.37 TO STA. 551+60.44



TYPICAL SECTION

EAST TUNNEL RAMP A
STA. 556+11.56 TO STA. 561+85.90

EAST TUNNEL RAMP D
STA. 554+01.29 TO STA. 555+05.44

NOTES:

- REQD MEDIAN IS GRASSED IF WIDTH IS OVER 6' WIDE AND SLOPE PAVED IF SMALLER
- STATION LIMITS ARE APPROXIMATE LOCATIONS FOR TYPICALS

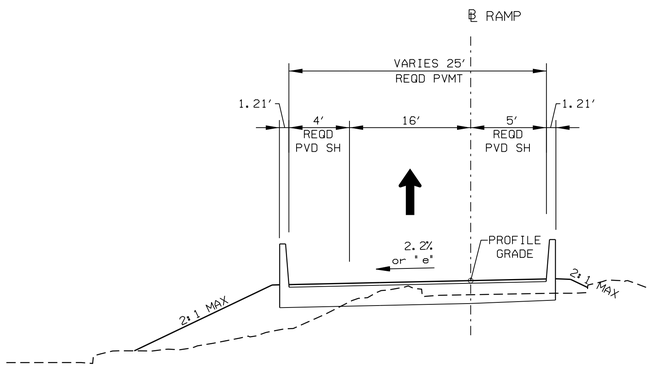
RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				TYPICAL SECTION	I-10

TYPICAL SECTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
	2023	2P

PROJECT NOTES

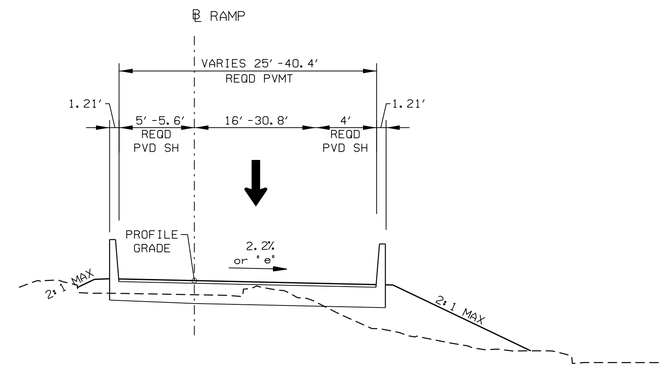
GN-2 NOTES



TYPICAL SECTION

EAST TUNNEL RAMP A (BRIDGE END SLAB)
STA. 555+87.00 TO STA. 556+10.95

EAST TUNNEL RAMP D (BRIDGE END SLAB)
STA. 555+06.44 TO STA. 555+30.00



TYPICAL SECTION

EAST TUNNEL RAMP B (BRIDGE END SLAB)
STA. 569+99.50 TO STA. 570+23.01

EAST TUNNEL RAMP C (BRIDGE END SLAB)
STA. 551+60.44 TO STA. 551+85.00

NOTES:

- REQD MEDIAN IS GRASSED IF WIDTH IS OVER 6' WIDE AND SLOPE PAVED IF SMALLER
- STATION LIMITS ARE APPROXIMATE LOCATIONS FOR TYPICALS

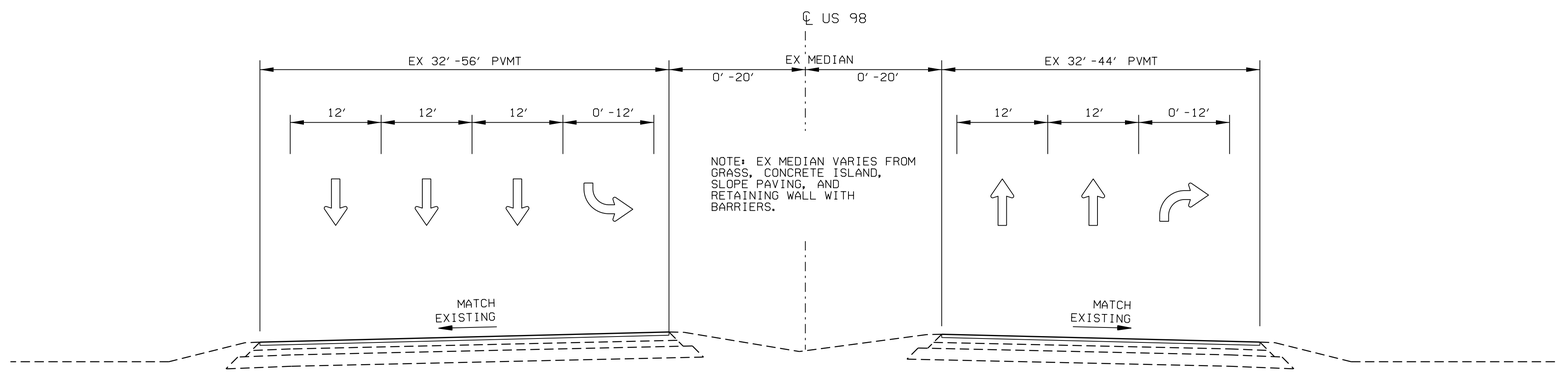
RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				TYPICAL SECTION	I-10

TYPICAL SECTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
	2023	2Q

PROJECT NOTES

GN-2 NOTES



TYPICAL SECTION

US 98

STA. 100+54.22 TO STA. 143+17.91

SEE PLAN SHEETS

NOTES:

+ REQD MEDIAN IS GRASSED IF WIDTH IS OVER 6' WIDE AND SLOPE PAVED IF SMALLER
+ STATION LIMITS ARE APPROXIMATE LOCATIONS FOR TYPICALS

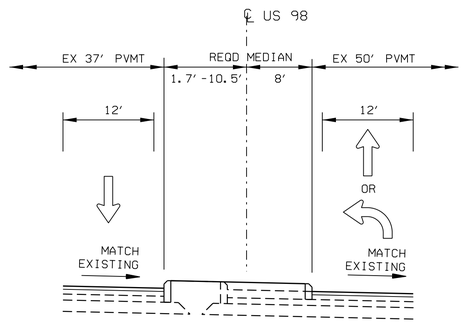
RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				TYPICAL SECTION	I-10

TYPICAL SECTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
	2023	2R

PROJECT NOTES

GN-2 NOTES

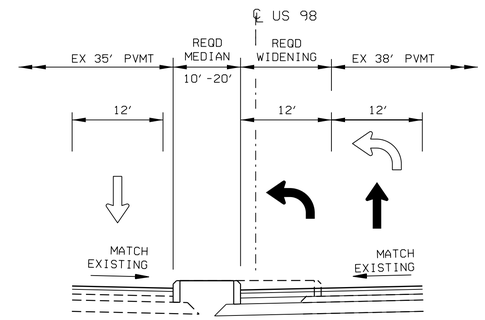


TYPICAL SECTION

US 98

STA. 132+08.00 TO STA. 133+93.21
STA. 140+06.90 TO STA. 143+43.58

SEE PLAN SHEETS



TYPICAL SECTION

US 98

STA. 135+89.67 TO STA. 139+09.98

SEE PLAN SHEETS

NOTES:

- REQD MEDIAN IS GRASSED IF WIDTH IS OVER 6' WIDE AND SLOPE PAVED IF SMALLER
- STATION LIMITS ARE APPROXIMATE LOCATIONS FOR TYPICALS

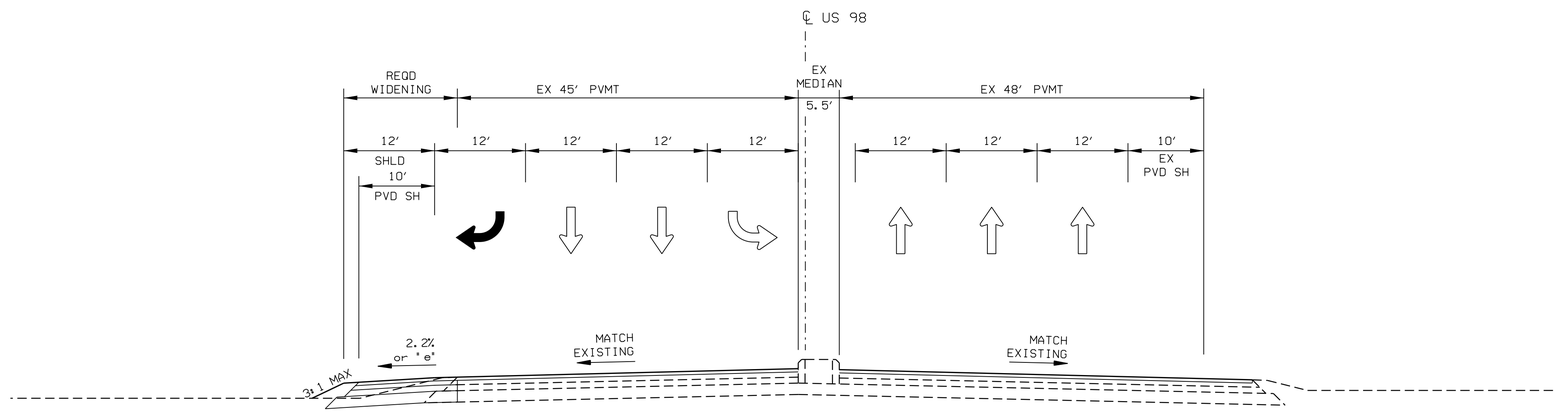
RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				TYPICAL SECTION	I-10

TYPICAL SECTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
	2023	2S

PROJECT NOTES

GN-2 NOTES



TYPICAL SECTION

US 98

STA. 143+17.91 TO STA. 152+29.08

SEE PLAN SHEETS

NOTES:

- REQD MEDIAN IS GRASSED IF WIDTH IS OVER 6' WIDE AND SLOPE PAVED IF SMALLER
- STATION LIMITS ARE APPROXIMATE LOCATIONS FOR TYPICALS

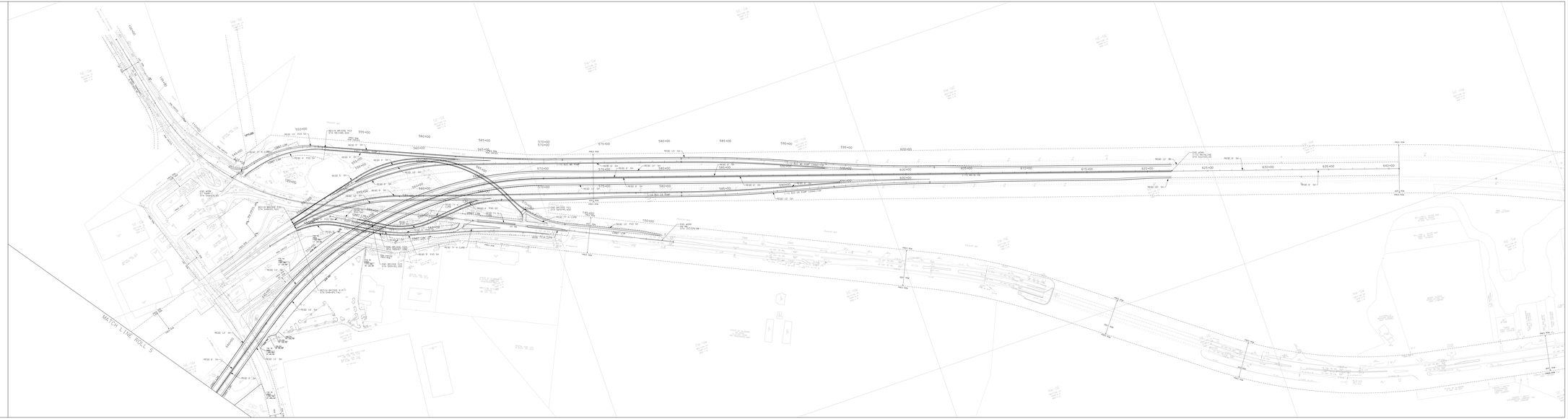
RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				TYPICAL SECTION	I-10

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	6

ALABAMA DEPARTMENT
OF TRANSPORTATION

MOBILE RIVER BRIDGE
MOBILE COUNTY
MAINLINE PLAN SHEET
ROLL 1 OF 1
SCALE: 1" = 100'

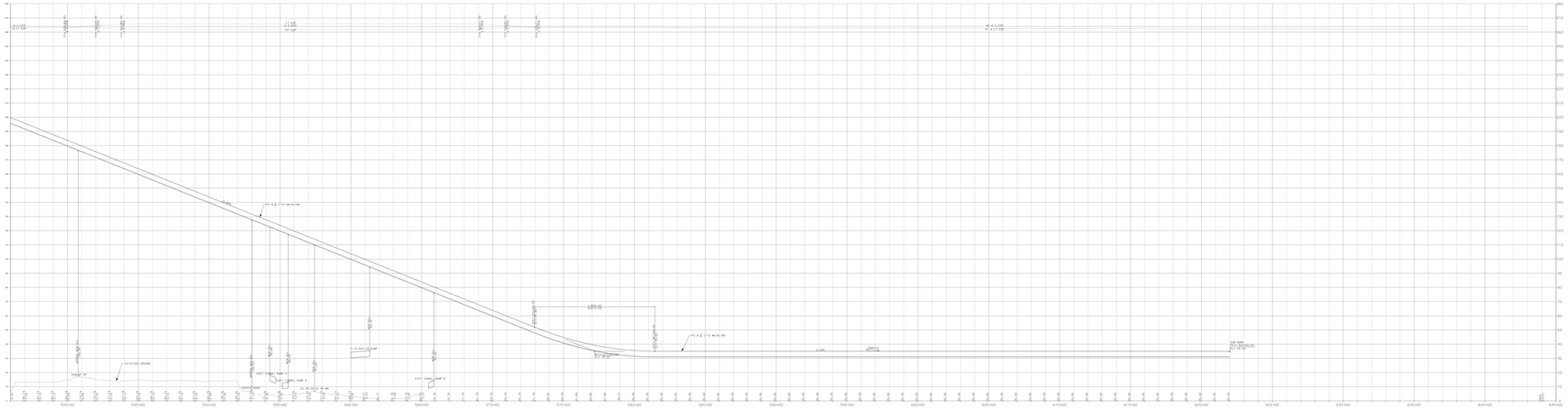
VICINITY MAP
NTS



SURVEY COMPLETED BY ALDOT AND PROVIDED WITH RID DELIVERABLES

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	8

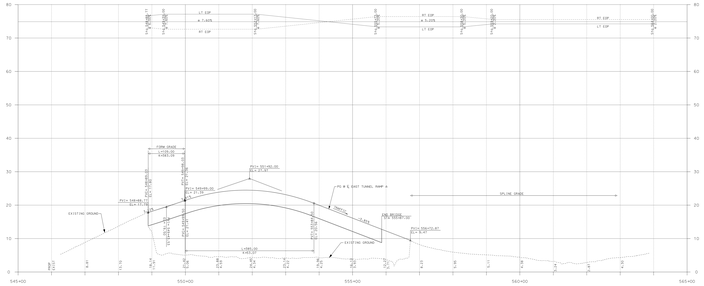
I-10 MAINLINE



HORIZONTAL SCALE 1"=100'
VERTICAL SCALE 1"=10'

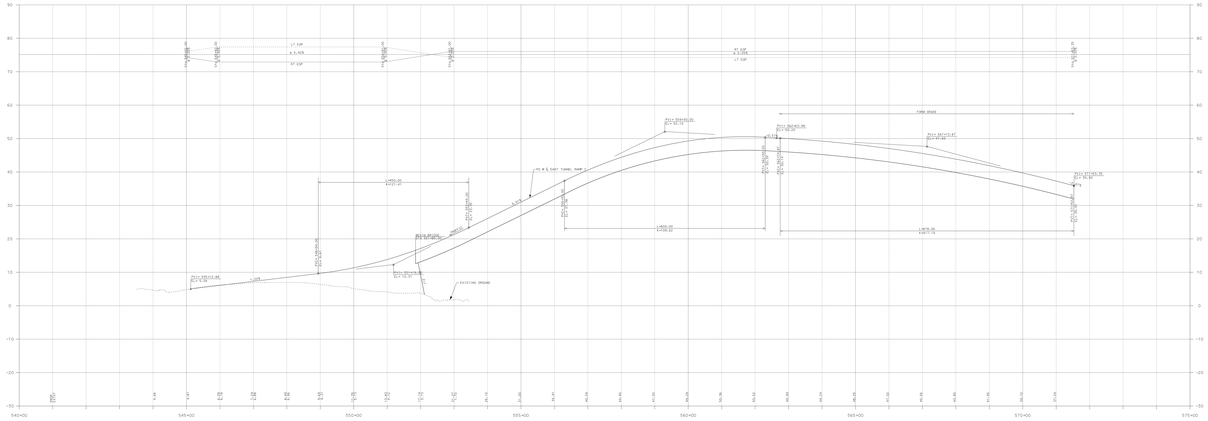
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	19

EAST TUNNEL RAMP A

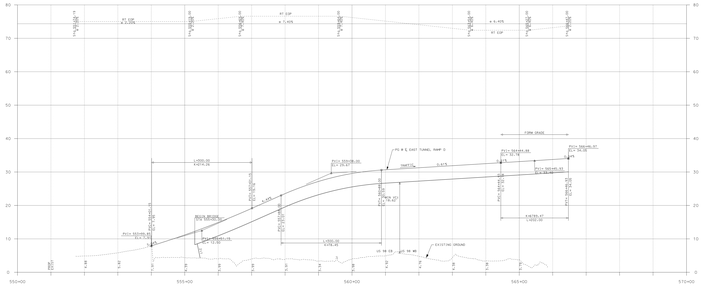

545+00
550+00
555+00
560+00
565+00
EXISTING GROUND
FORM GRADE
PVI=11+00.00
ELEV=0.00
PVC=10+50.00
ELEV=-0.50
PVT=11+50.00
ELEV=-0.50
PVC=10+00.00
ELEV=-1.00
PVT=12+00.00
ELEV=-1.00
PVC=10+00.00
ELEV=-1.00
PVT=12+00.00
ELEV=-1.00
PVC=10+00.00
ELEV=-1.00
PVT=12+00.00
ELEV=-1.00
PVC=10+00.00
ELEV=-1.00
PVT=12+00.00
ELEV=-1.00
PVC=10+00.00
ELEV=-1.00
PVT=12+00.00
ELEV=-1.00
PVC=10+00.00
ELEV=-1.00
PVT=12+00.00
ELEV=-1.00
PVC=10+00.00
ELEV=-1.00
PVT=12+00.00
ELEV=-1.00
LT EXP
LT EXP
RT EXP
RT EXP
RT EXP
LT EXP
RT EXP
LT EXP
LT EXP
RT EXP
PVC=10+00.00
ELEV=-1.00
PVT=12+00.00
ELEV=-1.00

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	20

EAST TUNNEL RAMP C



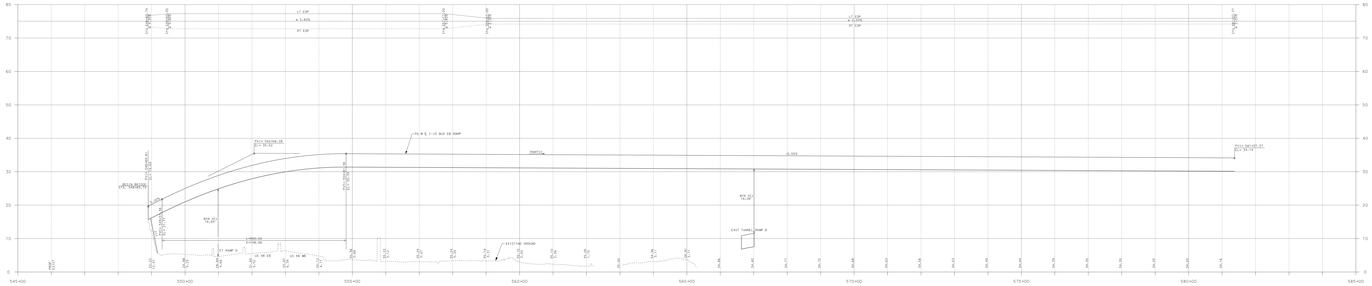
EAST TUNNEL RAMP D



REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	21

Superelevation

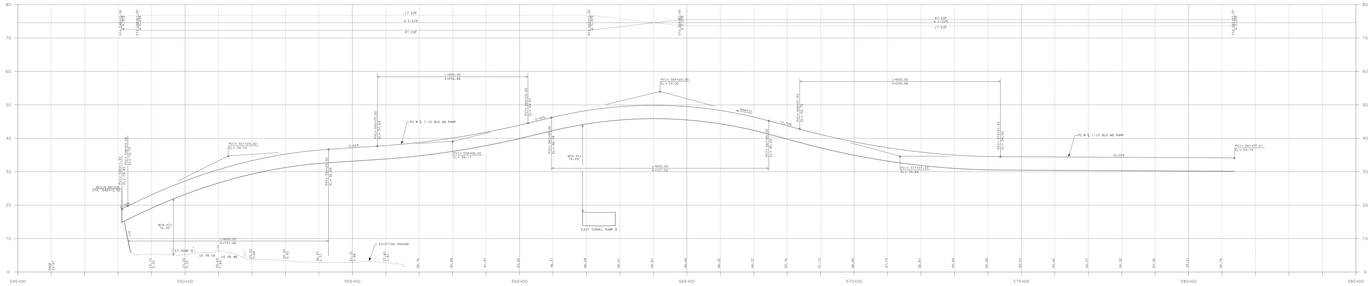
I-10 BUS EB RAMP



HORIZONTAL SCALE 1"=50'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	22

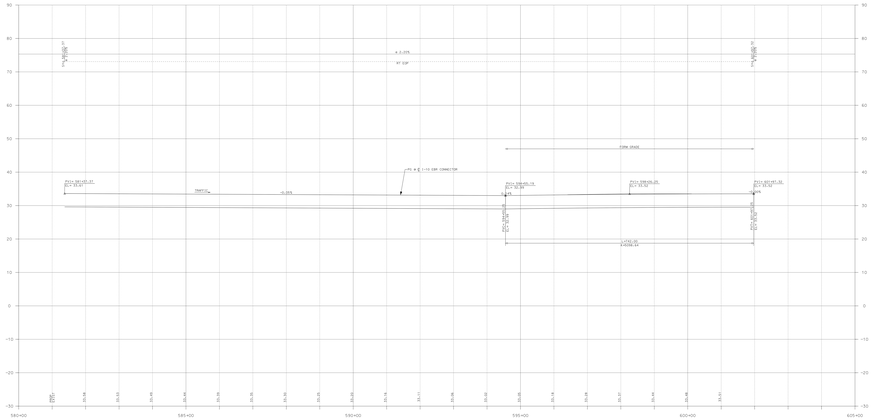
I-10 BUS WB RAMP



HORIZONTAL SCALE 1"=50'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	23

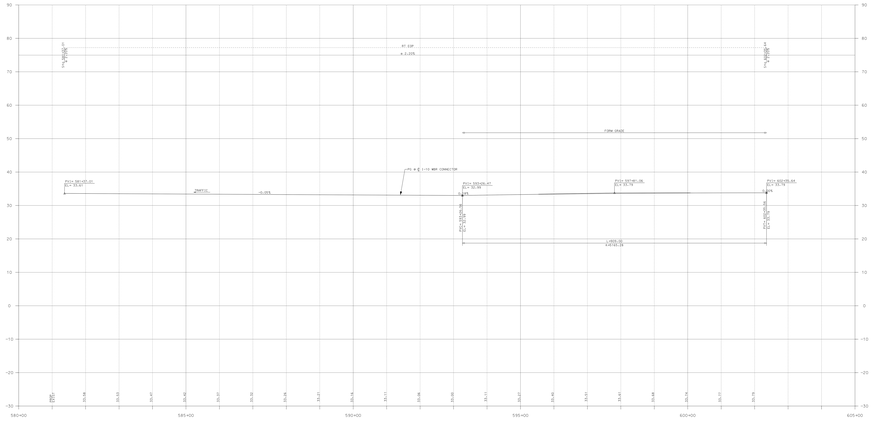
I-10 BUS EB RAMP CONNECTOR



HORIZONTAL SCALE 1"=50'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	24

I-10 BUS WB RAMP CONNECTOR



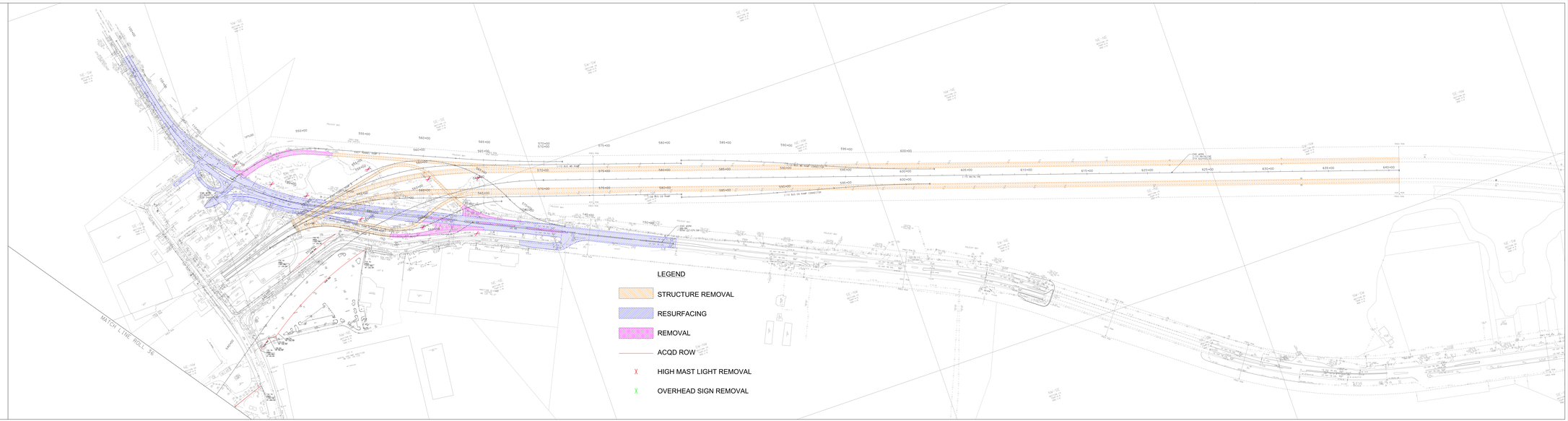
HORIZONTAL SCALE 1"=50'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	37

ALABAMA DEPARTMENT
OF TRANSPORTATION

MOBILE RIVER BRIDGE
MOBILE COUNTY
MAINLINE DEMO SHEET
ROLL 1 OF 1
SCALE: 1" = 100'

VICINITY MAP
NTS



REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	42

ALABAMA DEPARTMENT
OF TRANSPORTATION

MOBILE RIVER BRIDGE
MOBILE COUNTY
MAINLINE PAVING LAYOUT SHEET
ROLL 1 OF 1
SCALE: 1" = 100'

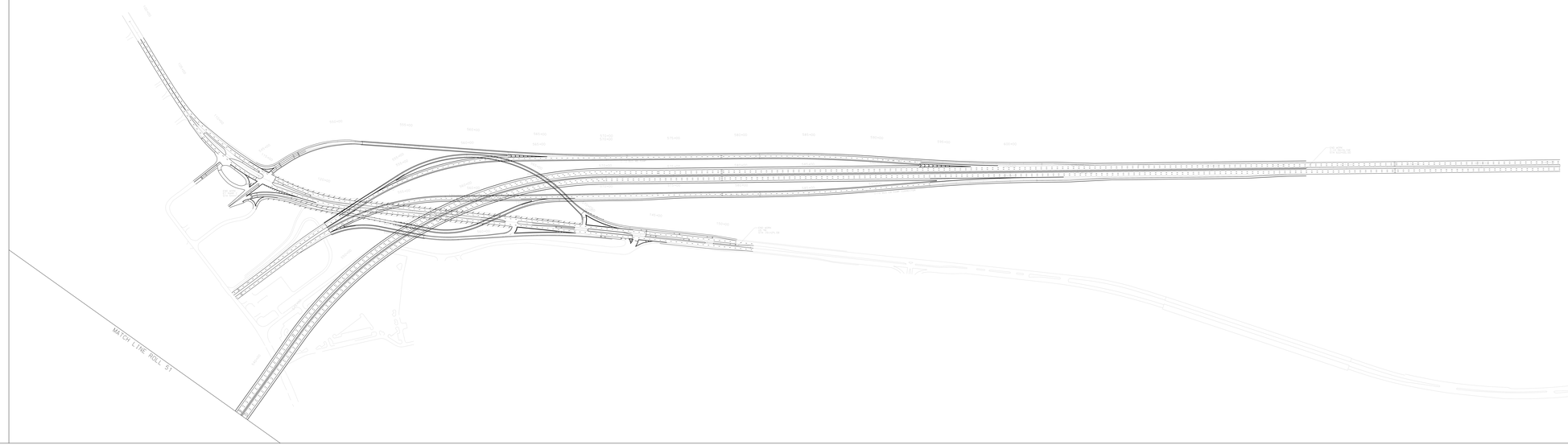
MOBILE
BAYOU
CONCEPTION
MOBILE
RIVER
BRIDGE
CONCEPTION
PLACE
CONCEPTION
PLACE
CONCEPTION
PLAC

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	52

ALABAMA DEPARTMENT
OF TRANSPORTATION

MOBILE RIVER BRIDGE
MOBILE COUNTY
MAINLINE STRIPING SHEET
ROLL 1 OF 1
SCALE: 1" = 100'

VICINITY MAP
NTS

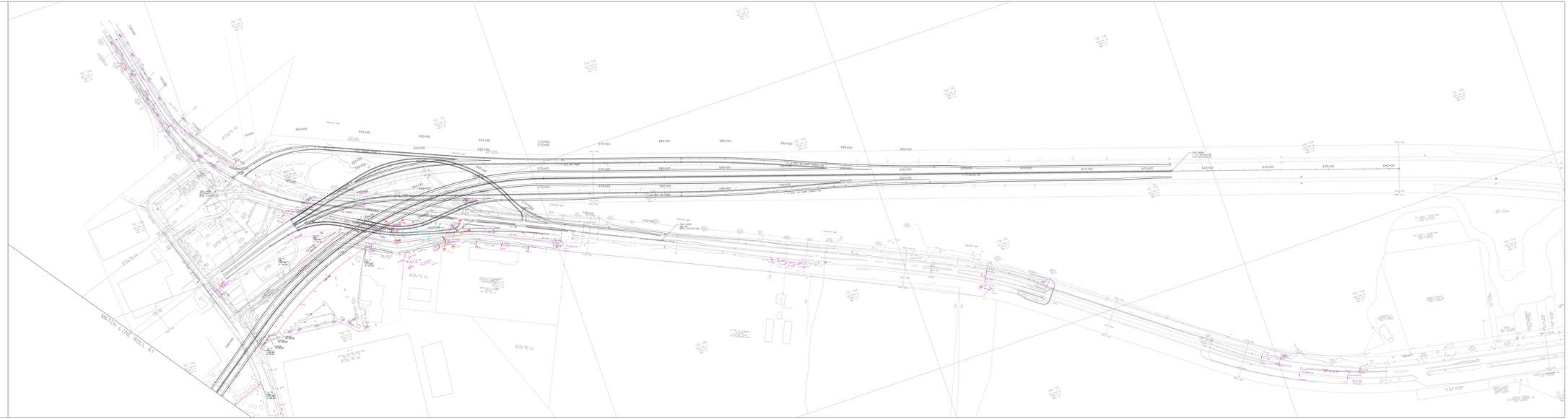


REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	67

ALABAMA DEPARTMENT
OF TRANSPORTATION

MOBILE RIVER BRIDGE
MOBILE COUNTY
MAINLINE DRAINAGE SHEET
ROLL 1 OF 1
SCALE: 1" = 100'

VICINITY MAP
NTS



REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	02

ALABAMA DEPARTMENT
OF TRANSPORTATION

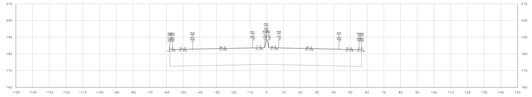
MOBILE RIVER BRIDGE
MOBILE COUNTY
MAINLINE UTILITY SHEET
ROLL 1 OF 1
SCALE: 1" = 100'

VICINITY MAP
NTS

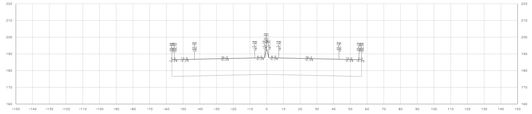
MAIN LINE ROLL 1 OF 1
550+00
555+00
560+00
565+00
570+00
575+00
580+00
585+00
590+00
595+00
600+00
605+00
610+00
615+00
620+00
625+00
630+00
635+00
640+00
145+00
150+00
PROJECT BL
LCD BOX CB SUMP
LCD BOX CB SUMP CONNECTOR
LCD BOX CB SUMP
CB SUMP
CB SUMP CONNECTOR
CB SUMP
CB SUMP CONNECTOR
CB SUMP
CB SUMP CONNECTOR

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	528

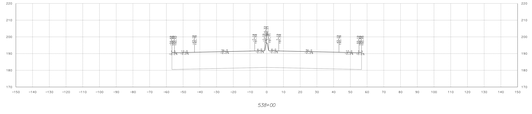
I-10 MAINLINE



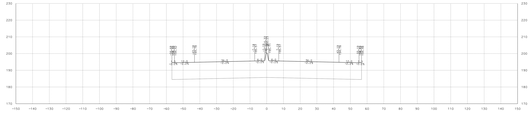
5+40+00



5+59+00



5+59+00

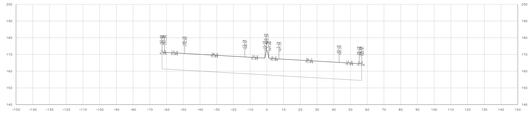


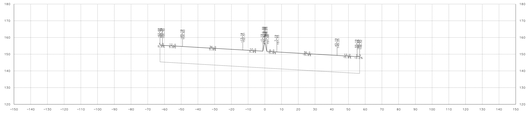
5+57+00

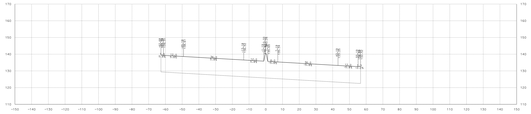
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=10'

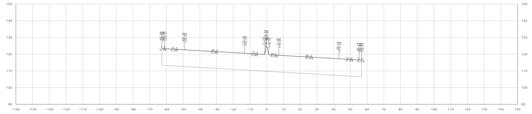
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	539

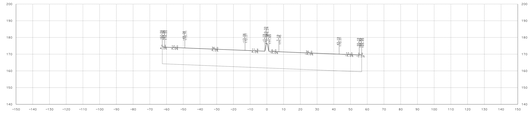
I-10 MAINLINE

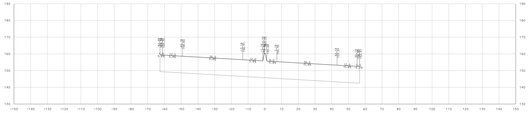

544+00

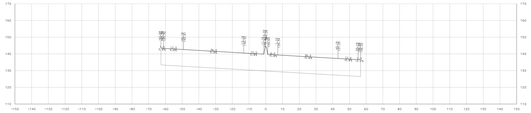

548+00

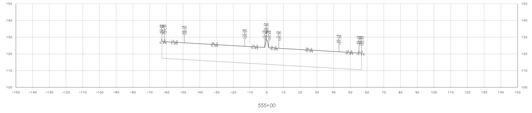

552+00

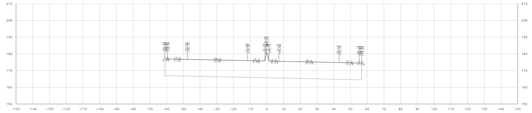

556+00

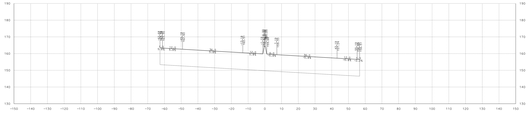

543+00

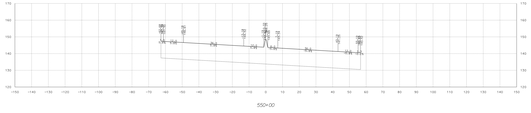

547+00

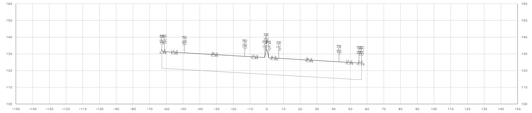

551+00


555+00


542+00


546+00


550+00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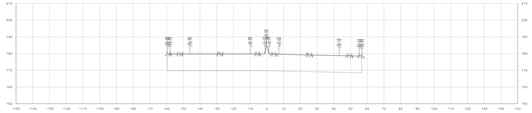
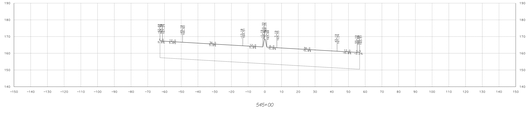
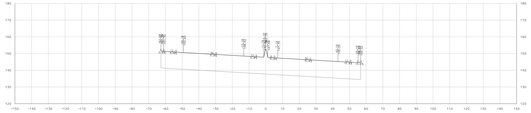
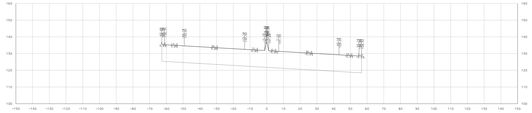

541+00


545+00


549+00

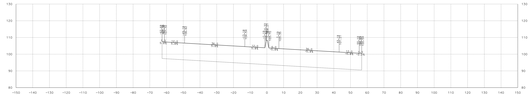

553+00

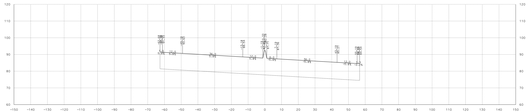
Sta.541+00 To Sta.556+00

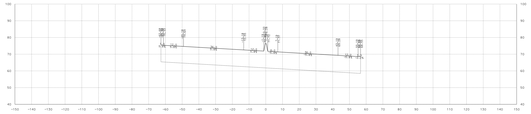
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=10'

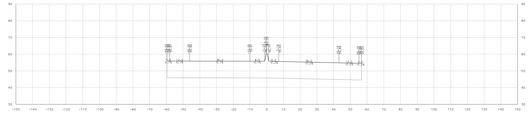
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	010

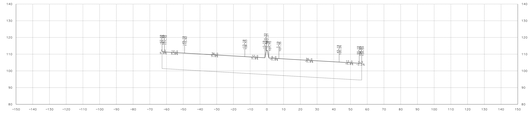
I-10 MAINLINE

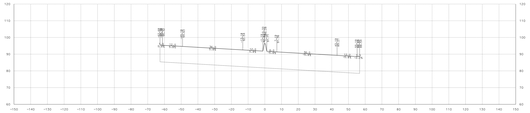

560+00

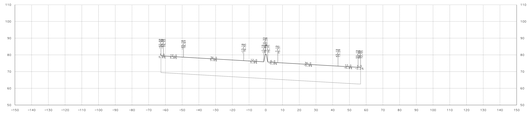

564+00

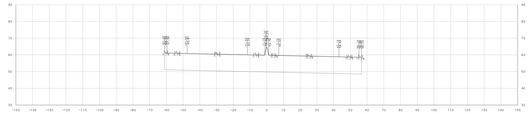

568+00

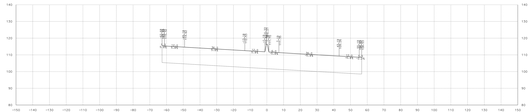

572+00

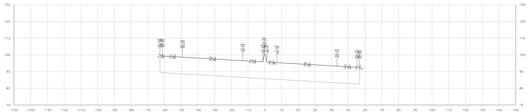

559+00

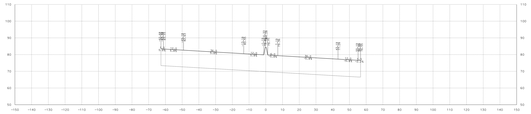

563+00

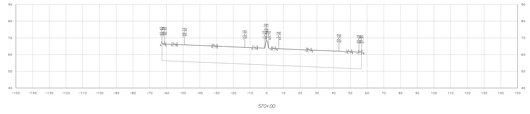

567+00

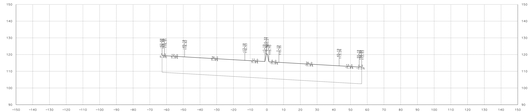

571+00


558+00

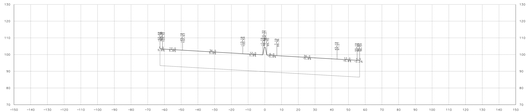

562+00

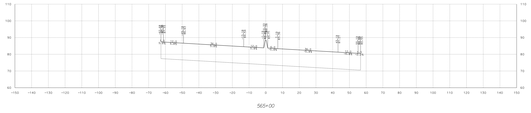

566+00

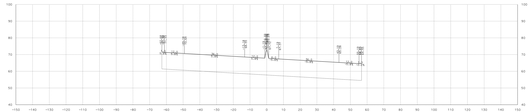

570+00


557+00

Sta.557+00 To Sta.572+00


561+00

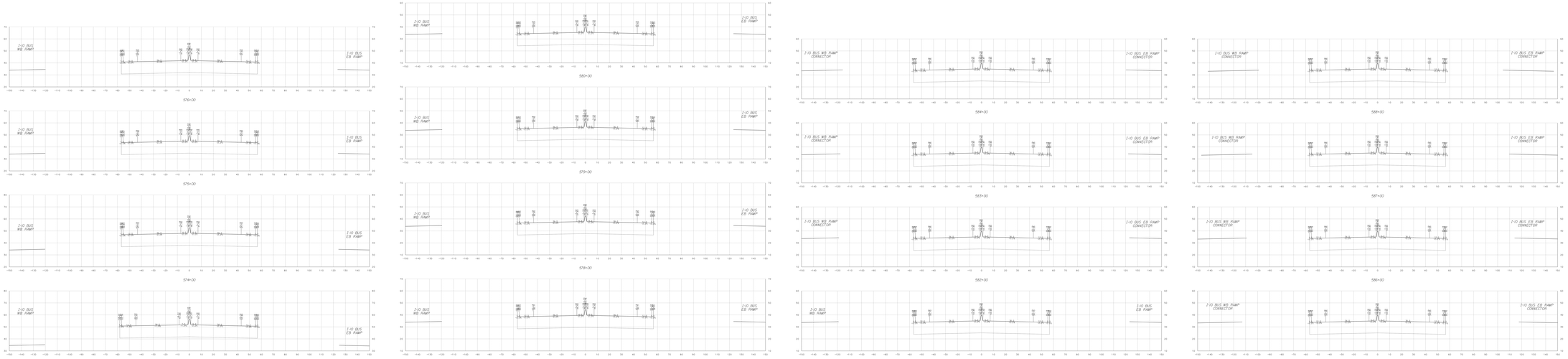

565+00


569+00

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=10'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	01

I-10 MAINLINE

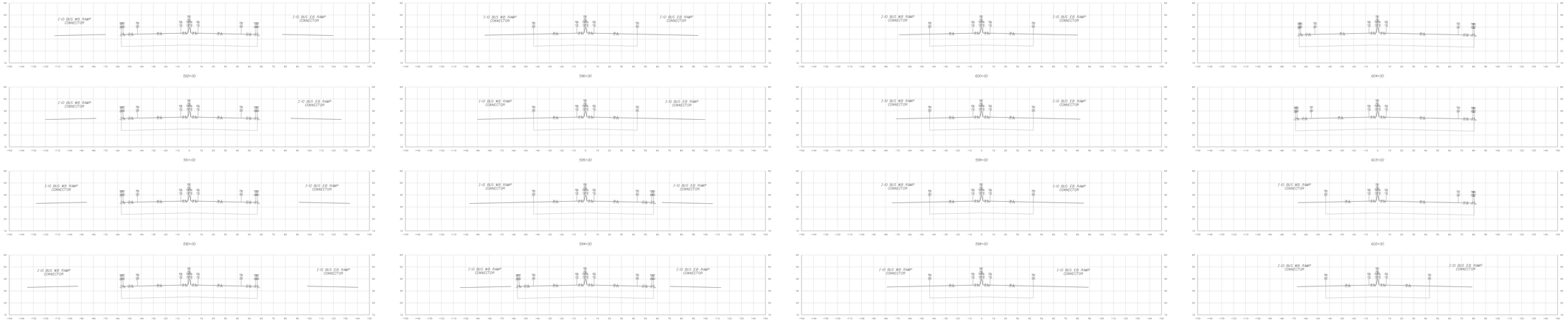


Sta. 573+00 To Sta. 588+00

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=10'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	02

I-10 MAINLINE

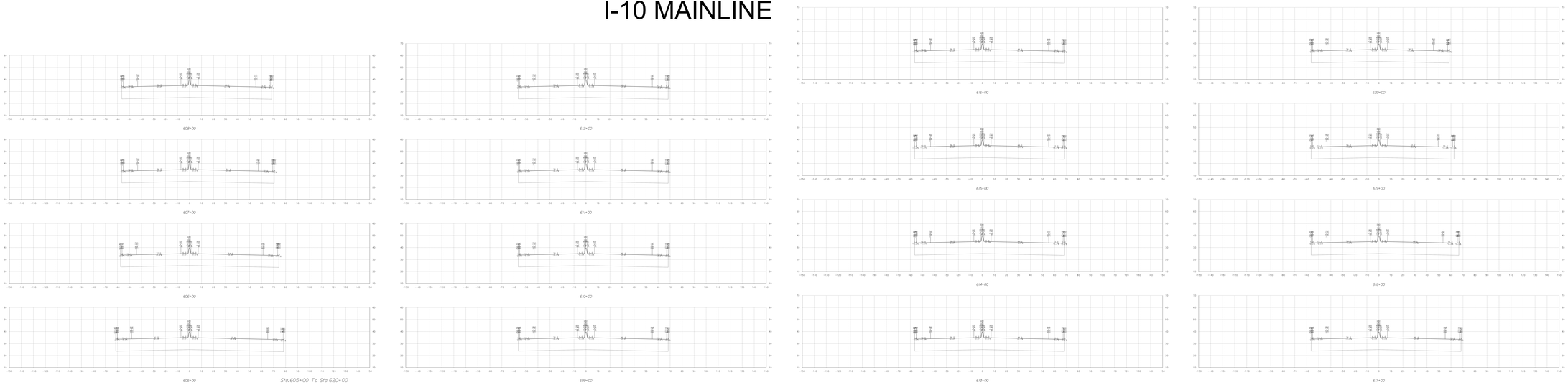


Sta.589+00 To Sta.604+00

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=10'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	33

I-10 MAINLINE

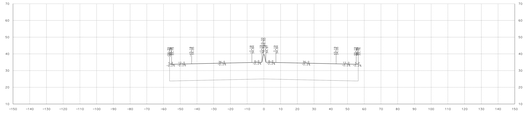


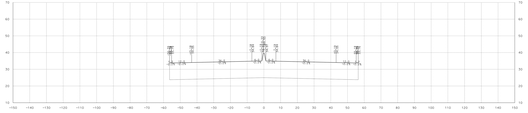
Sta.605+00 To Sta.620+00

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=10'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	114

I-10 MAINLINE



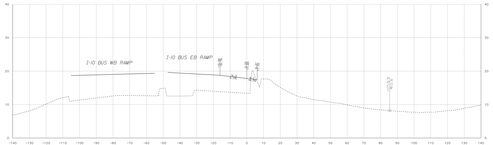


Sta.621+00 To Sta.622+00

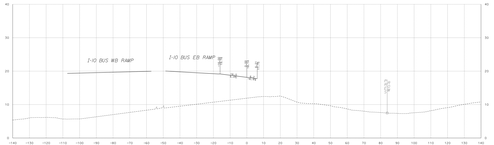
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=10'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	76

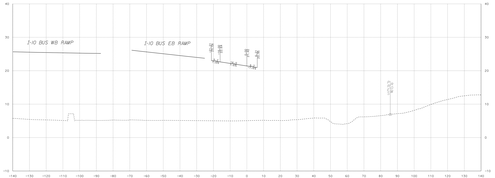
EAST TUNNEL RAMP A



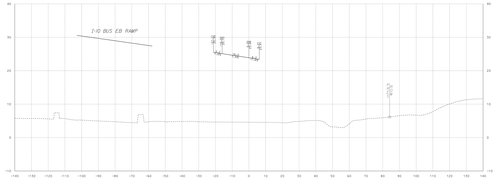
Sta.548+89 To Sta.548+89



Sta.549+00 To Sta.549+00



Sta.550+00 To Sta.550+00

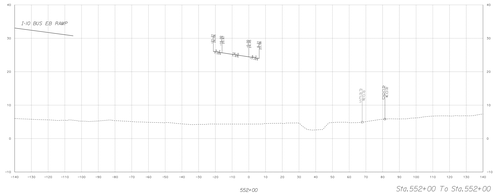


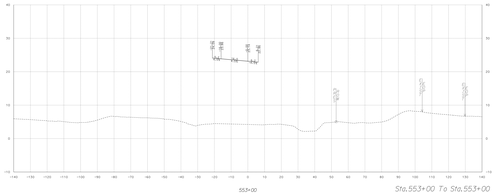
Sta.551+00 To Sta.551+00

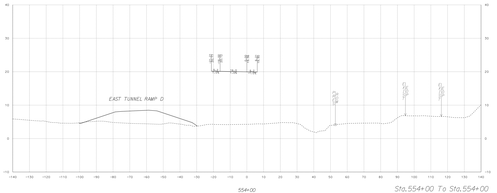
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

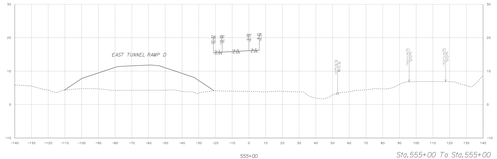
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	79

EAST TUNNEL RAMP A





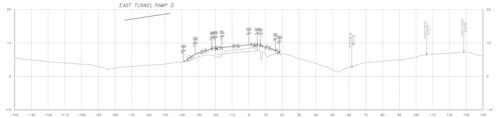


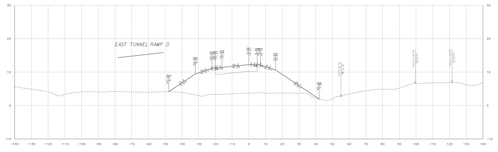


HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

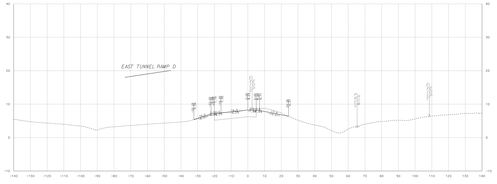
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	72

EAST TUNNEL RAMP A

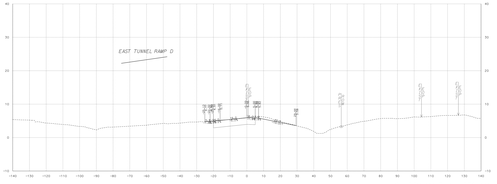




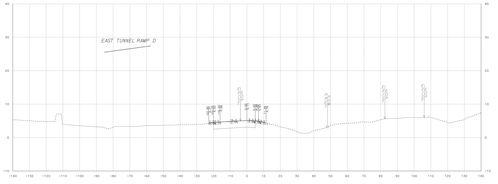
Sta.556+00 To Sta.556+72



Sta.557+00 To Sta.557+00



Sta.558+00 To Sta.558+00

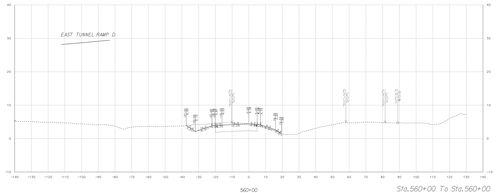


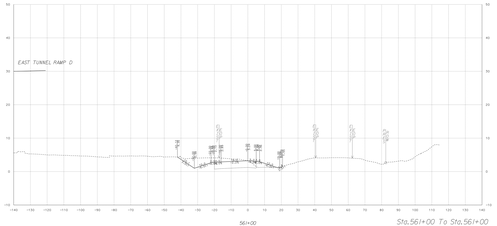
Sta.559+00 To Sta.559+00

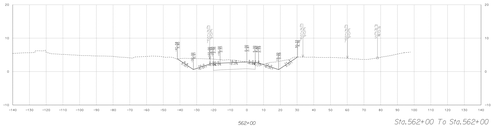
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	79

EAST TUNNEL RAMP A



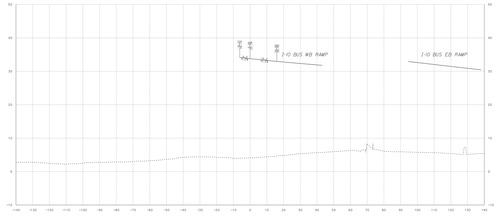




HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

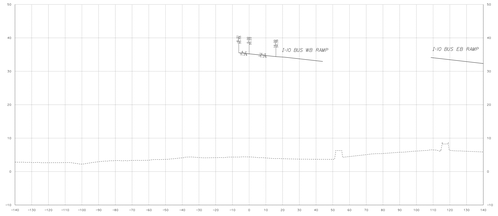
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	726

EAST TUNNEL RAMP B



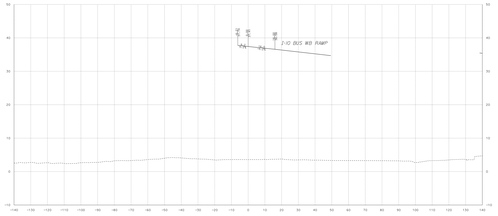
551+43

Sta.551+43 To Sta.551+43



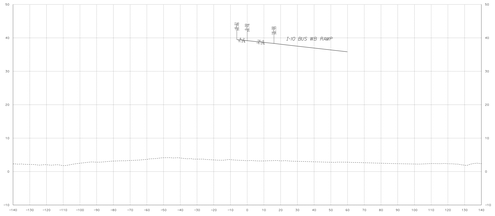
552+00

Sta.552+00 To Sta.552+00



553+00

Sta.553+00 To Sta.553+00



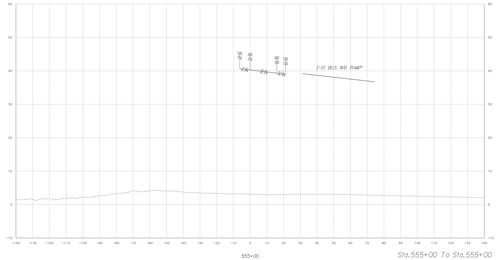
554+00

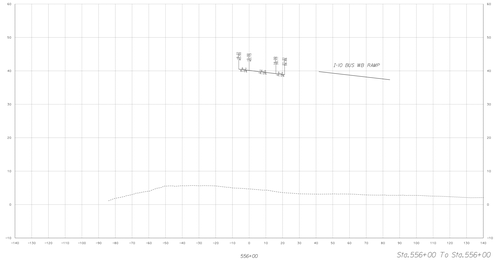
Sta.554+00 To Sta.554+00

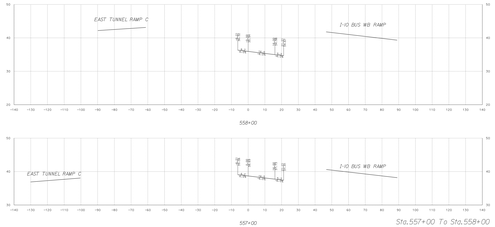
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

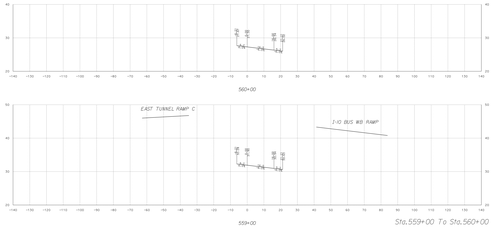
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	59

EAST TUNNEL RAMP B





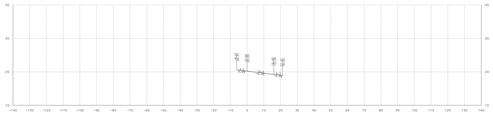




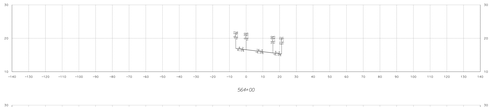
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	722

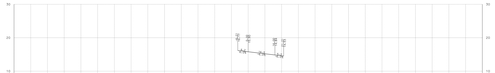
EAST TUNNEL RAMP B



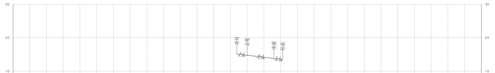
Sta.561+00 To Sta.562+00



Sta.563+00 To Sta.564+00



Sta.565+00 To Sta.565+00

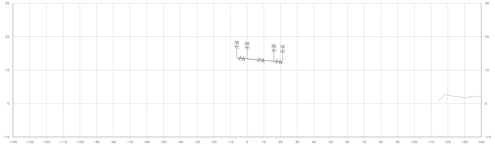


Sta.566+00 To Sta.566+00

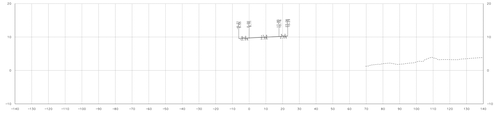
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

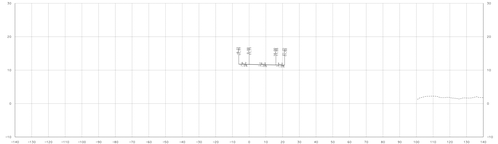
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	723

EAST TUNNEL RAMP B

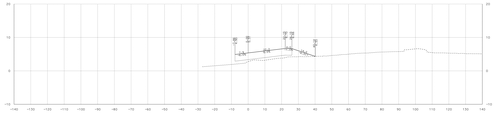


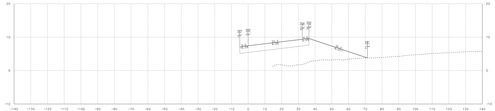
Sta.567+00 To Sta.567+00



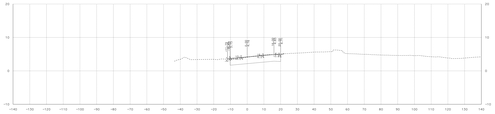


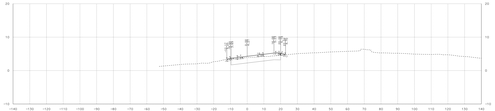
Sta.568+00 To Sta.569+00





Sta.570+00 To Sta.571+00



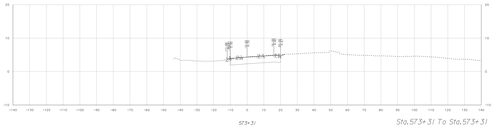


Sta.572+00 To Sta.573+00

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	124

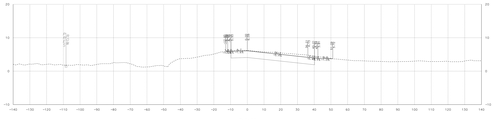
EAST TUNNEL RAMP B



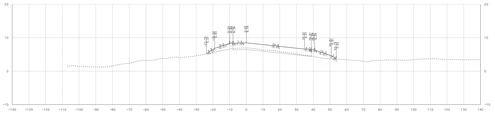
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	736

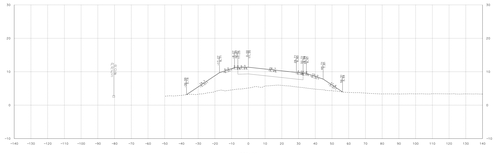
EAST TUNNEL RAMP C



Sta.545+13 To Sta.546+00



Sta.547+00 To Sta.548+00



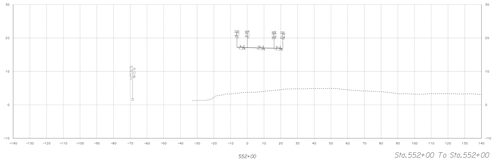
Sta.549+00 To Sta.550+00

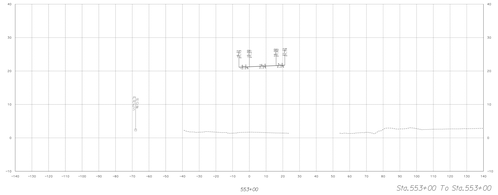
Sta.551+00 To Sta.551+00

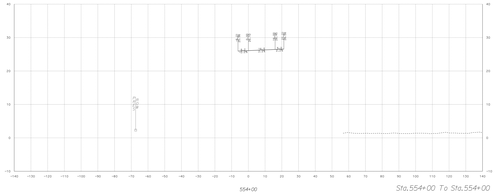
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

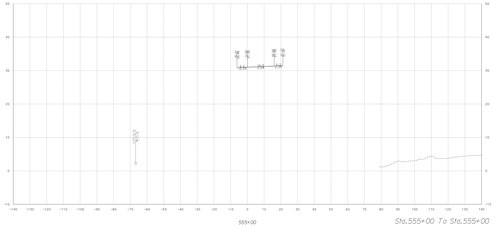
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	73

EAST TUNNEL RAMP C





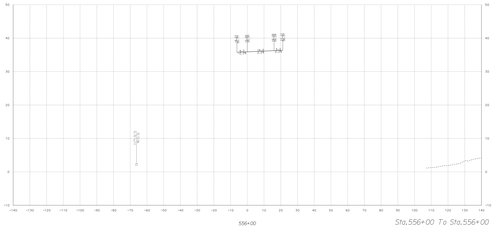


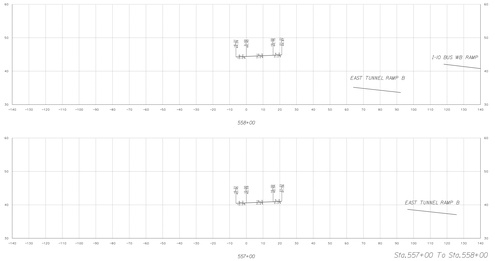


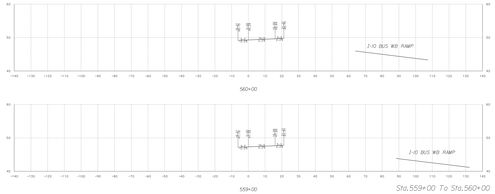
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

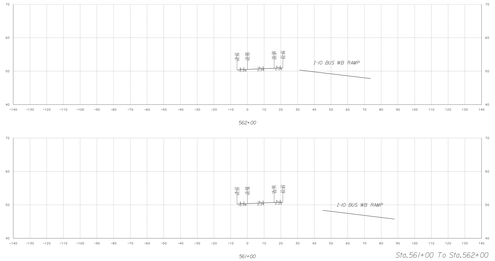
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	72

EAST TUNNEL RAMP C





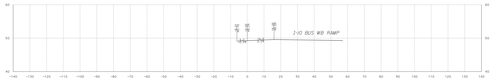


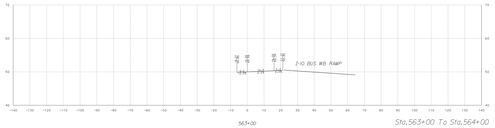


HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

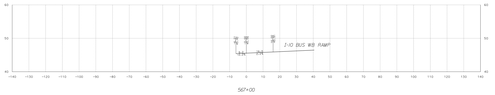
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	726

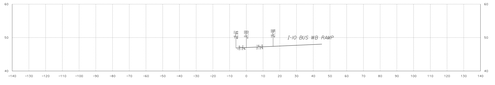
EAST TUNNEL RAMP C

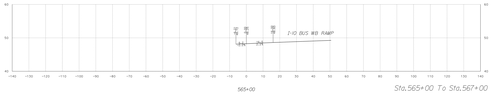




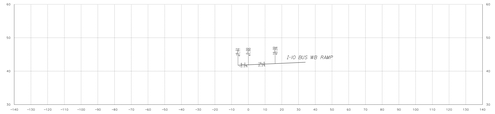
Sta.563+00 To Sta.564+00

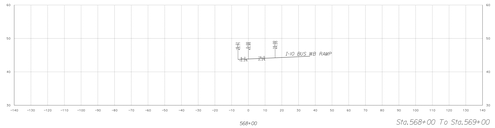




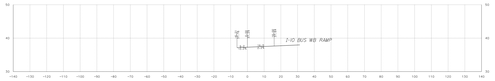


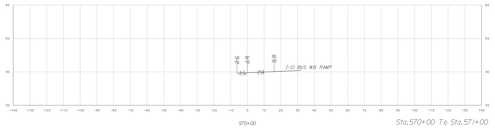
Sta.565+00 To Sta.567+00





Sta.568+00 To Sta.569+00



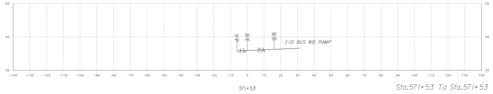


Sta.570+00 To Sta.571+00

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	724

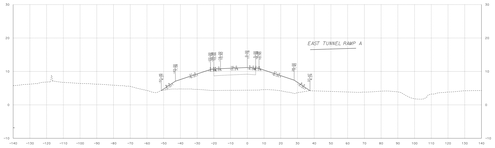
EAST TUNNEL RAMP C



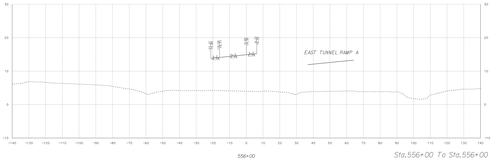
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	746

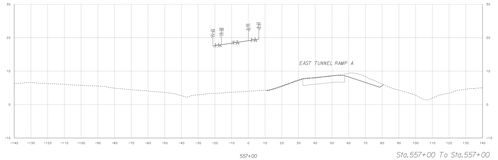
EAST TUNNEL RAMP D



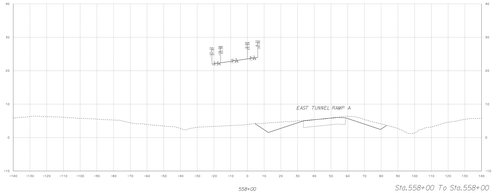
Sta.554+00 To Sta.555+00



Sta.556+00 To Sta.556+00



Sta.557+00 To Sta.557+00

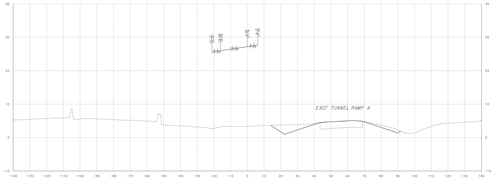


Sta.558+00 To Sta.558+00

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

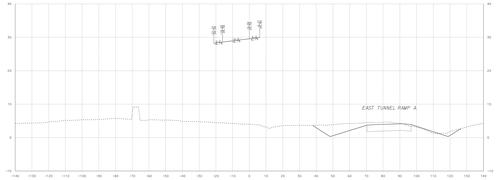
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	74

EAST TUNNEL RAMP D



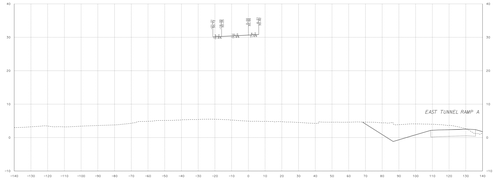
559+00

Sta.559+00 To Sta.559+00



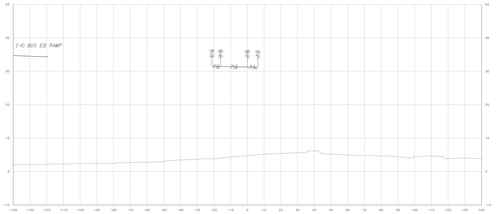
560+00

Sta.560+00 To Sta.560+00



561+00

Sta.561+00 To Sta.561+00



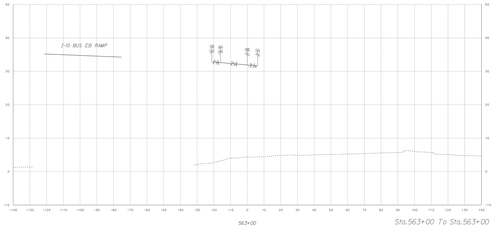
562+00

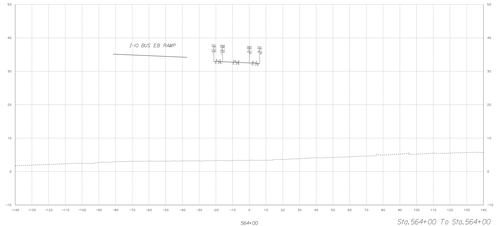
Sta.562+00 To Sta.562+00

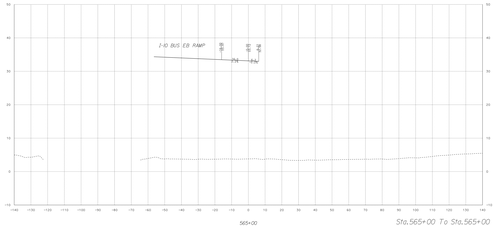
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

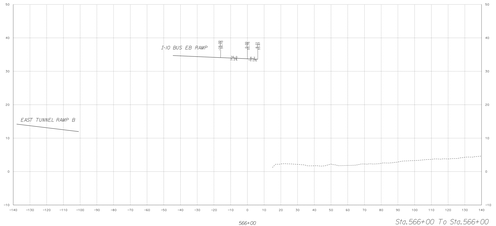
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	742

EAST TUNNEL RAMP D





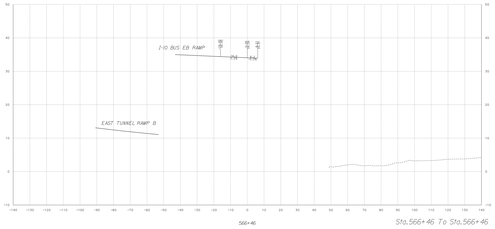




HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	745

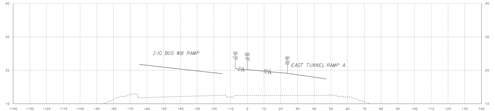
EAST TUNNEL RAMP D



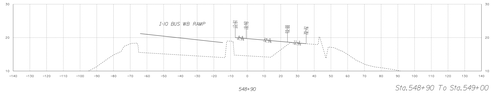
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	750

I-10 BUS EB RAMP

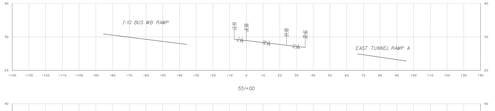


549+00

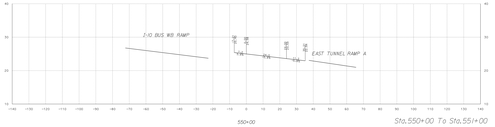


549+90

Sta.548+90 To Sta.549+00

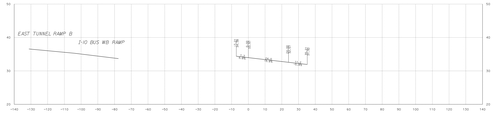


551+00

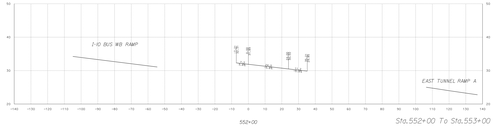


550+00

Sta.550+00 To Sta.551+00

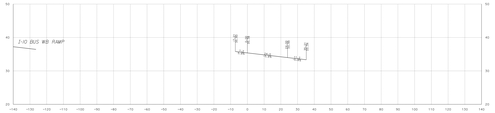


553+00

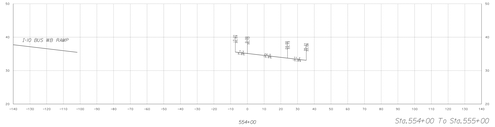


552+00

Sta.552+00 To Sta.553+00



555+00



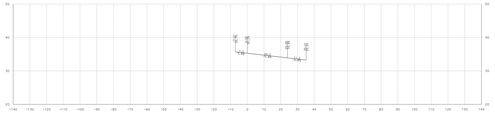
554+00

Sta.554+00 To Sta.555+00

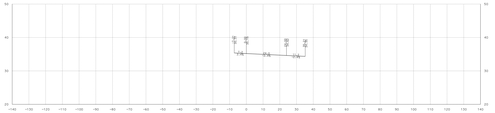
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	70

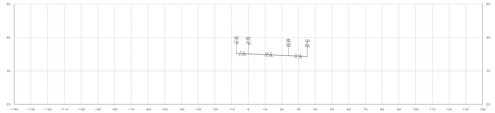
I-10 BUS EB RAMP



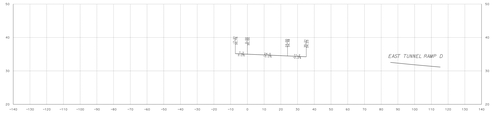
Sta.556+00 To Sta.557+00



Sta.558+00 To Sta.559+00



Sta.560+00 To Sta.561+00

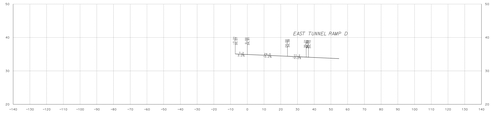


Sta.562+00 To Sta.563+00

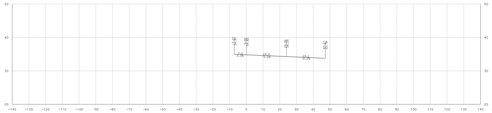
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	752

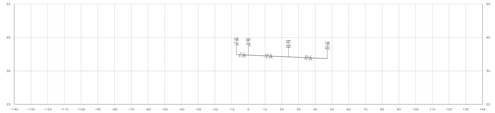
I-10 BUS EB RAMP



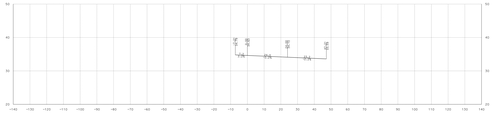
Sta.564+00 To Sta.565+00



Sta.566+00 To Sta.567+00



Sta.568+00 To Sta.569+00

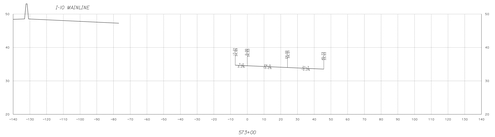


Sta.570+00 To Sta.571+00

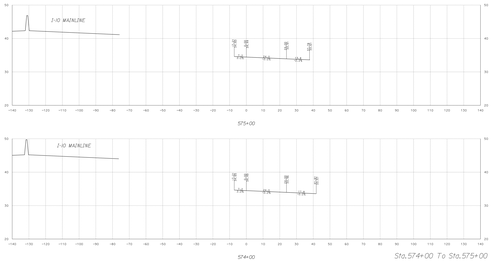
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	750

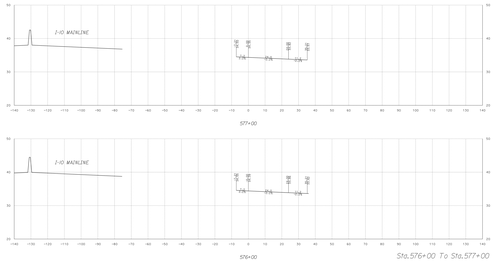
I-10 BUS EB RAMP



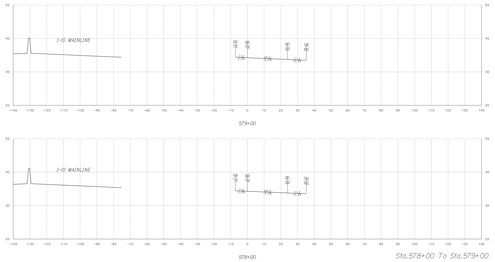
Sta.572+00 To Sta.573+00



Sta.574+00 To Sta.575+00



Sta.576+00 To Sta.577+00

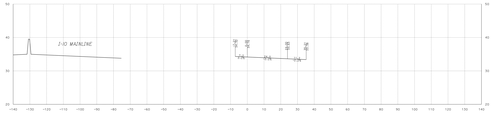


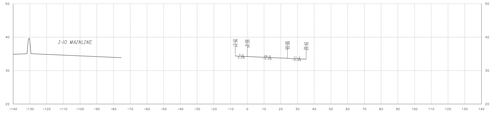
Sta.578+00 To Sta.579+00

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

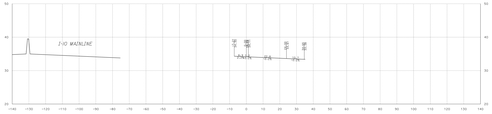
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	154

I-10 BUS EB RAMP





Sta.580+00 To Sta.581+00

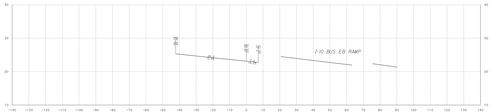


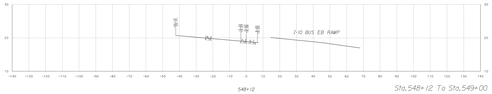
Sta.581+37 To Sta.581+37

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

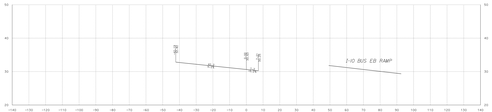
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	190

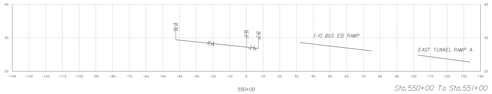
I-10 BUS WB RAMP



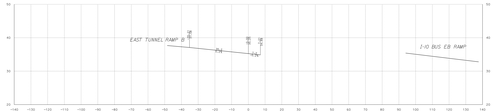


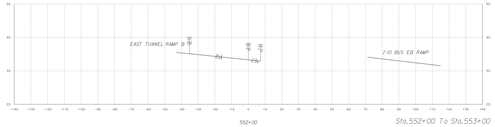
Sta.548+12 To Sta.549+00



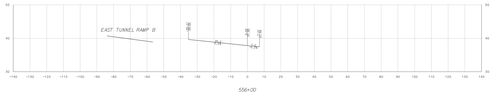


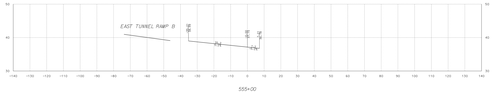
Sta.550+00 To Sta.551+00

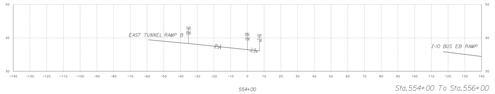




Sta.552+00 To Sta.553+00





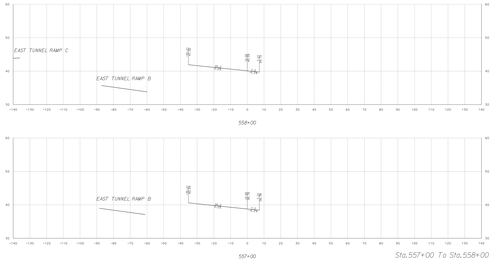


Sta.554+00 To Sta.556+00

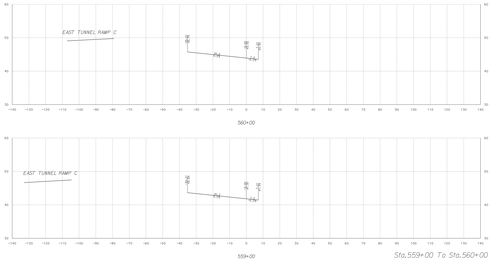
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	50

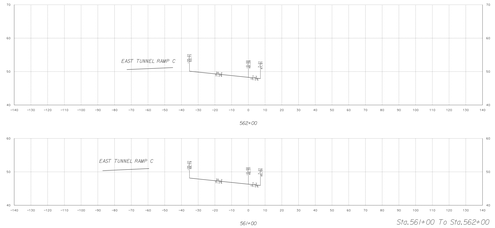
I-10 BUS WB RAMP



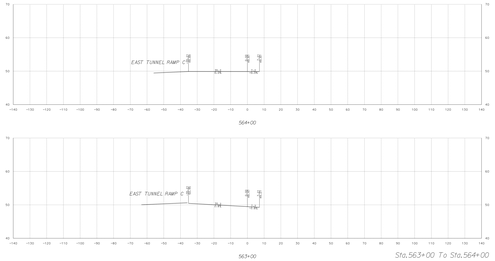
Sta.557+00 To Sta.558+00



Sta.559+00 To Sta.560+00



Sta.561+00 To Sta.562+00

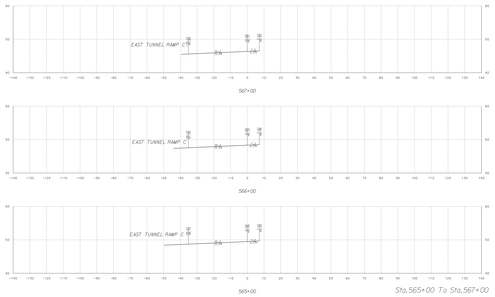


Sta.563+00 To Sta.564+00

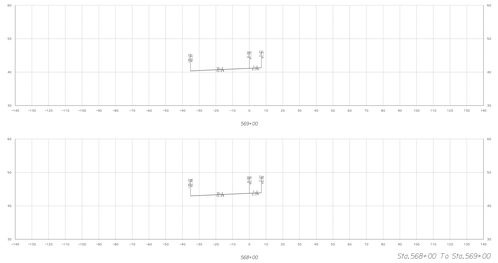
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	52

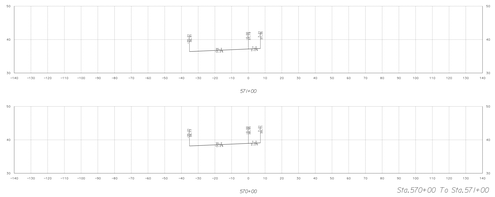
I-10 BUS WB RAMP



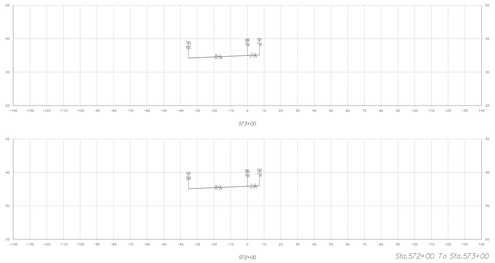
Sta.565+00 To Sta.567+00



Sta.568+00 To Sta.569+00



Sta.570+00 To Sta.571+00

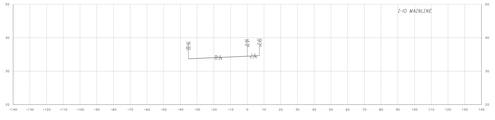


Sta.572+00 To Sta.573+00

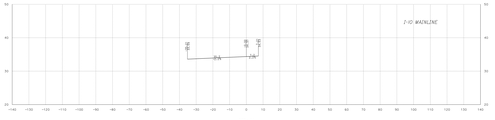
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	50

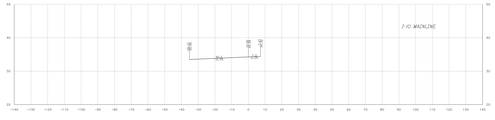
I-10 BUS WB RAMP



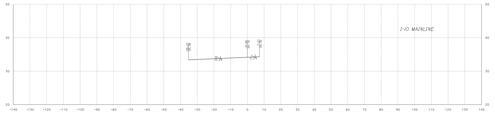
Sta.574+00 To Sta.575+00



Sta.576+00 To Sta.577+00



Sta.578+00 To Sta.579+00

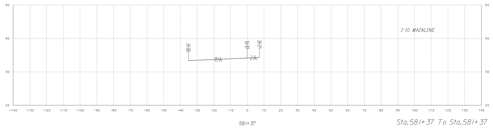


Sta.580+00 To Sta.581+00

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	194

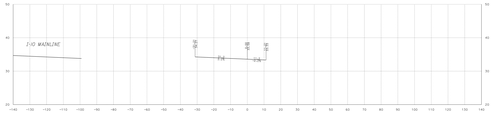
I-10 BUS WB RAMP

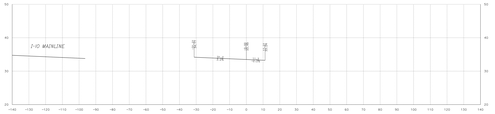


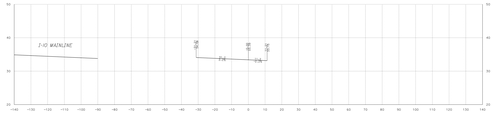
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

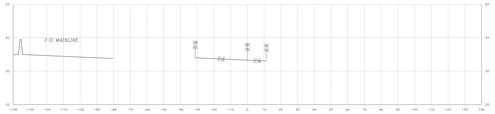
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	776

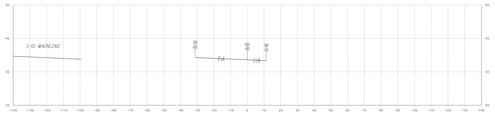
I-10 BUS EB RAMP CONNECTOR



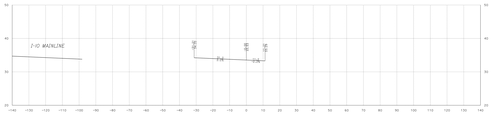




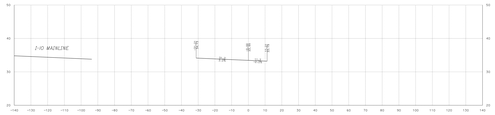




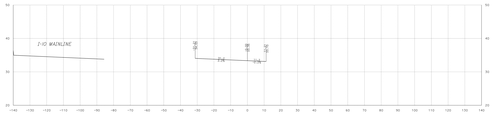
Sta.581+38 To Sta.582+00



Sta.583+00 To Sta.584+00



Sta.585+00 To Sta.586+00

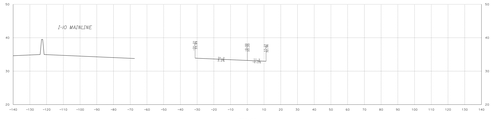


Sta.587+00 To Sta.588+00

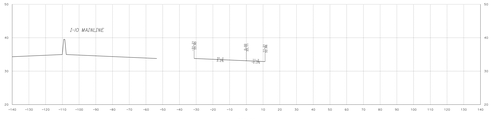
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	171

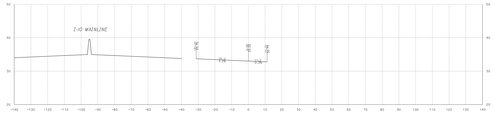
I-10 BUS EB RAMP CONNECTOR



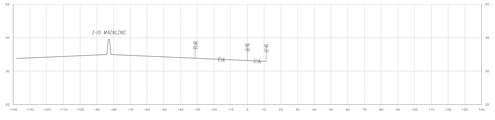
Sta.589+00 To Sta.590+00



Sta.591+00 To Sta.592+00



Sta.593+00 To Sta.594+00

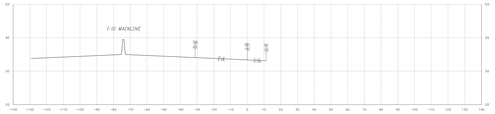


Sta.595+00 To Sta.596+00

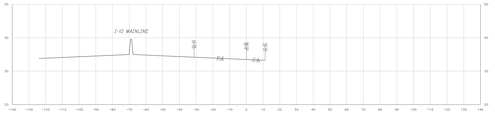
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	770

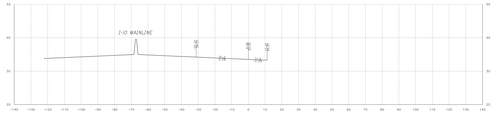
I-10 BUS EB RAMP CONNECTOR



Sta.597+00 To Sta.598+00



Sta.599+00 To Sta.600+00

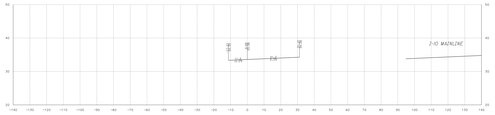


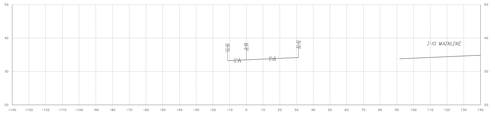
Sta.60+00 To Sta.60+97

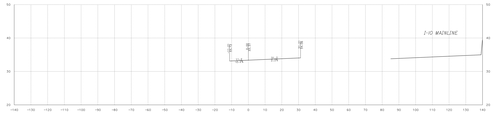
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

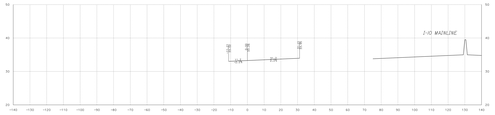
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	780

I-10 BUS WB RAMP CONNECTOR





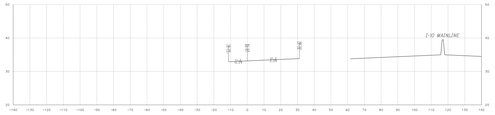




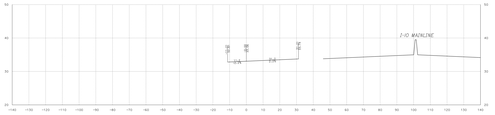
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	59

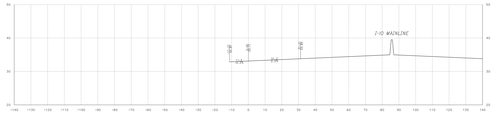
I-10 BUS WB RAMP CONNECTOR



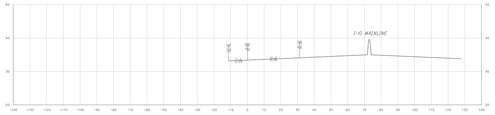
Sta.589+00 To Sta.590+00



Sta.591+00 To Sta.592+00



Sta.593+00 To Sta.594+00

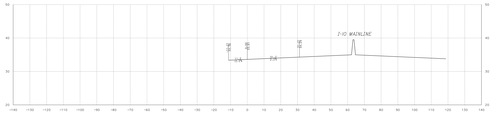


Sta.595+00 To Sta.596+00

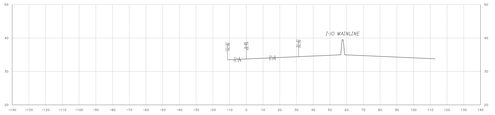
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
	2023	790

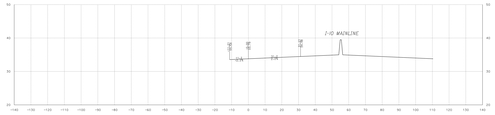
I-10 BUS WB RAMP CONNECTOR



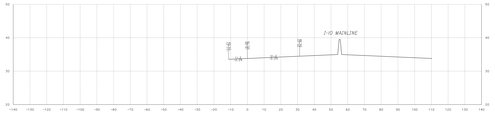
Sta.597+00 To Sta.598+00



Sta.599+00 To Sta.600+00



Sta.601+00 To Sta.602+00



Sta.602+35 To Sta.602+35

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'