

GRADE, DRAIN, BASE, PAVE AND SIGNALS
BALDWIN COUNTY

400-3020-5139

INTERSECTION IMPROVEMENTS
ON FOLEY BEACH EXPRESS AT CR-12

TOTAL NO. SHEETS = 141

BKI	PROJECT HRRR-0219(260) CONSTRUCTION OF LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	400-2020-5439 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	City of Foley	NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	DESIGNED CHECKED	COUNTY BALDWIN	DATE 01/31/2020	SHEET NUMBER
							TITLE SHEET	DETAILED CHECKED	ROUTE	SCALE NTS	1
								REVIEWED	CDW	PROJECT NUMBER 06.19.002	1 OF 1

HSIP-0219(250)

400-3020-5139

SHEET NO	DESCRIPTION
1	TITLE SHEET
1-A	INDEX TO PLAN SHEETS
1-B	INDEX TO SPECIAL AND STANDARD DRAWINGS
1-C THRU 1-D	PLANS LEGEND AND ABBREVIATIONS
1-E	TRAFFIC SIGNAL AND ITS LEGEND
1-F	EROSION CONTROL LEGEND
1-G THRU 1-H	SURVEY CONTROL AND GEOMETRIC LAYOUT
2, 2-A THRU 2-B	TYPICAL SECTIONS
2-C THRU 2-M	OMIT
2-N	PROJECT NOTES
2-O	TRAFFIC SIGNAL PLAN NOTES
2-P	GENERAL TRAFFIC CONTROL PLAN NOTES
3, 3-A THRU 3-C	SUMMARY OF QUANTITIES
4	PLAN SHEET: STA 260+50 TO STA 269+00
4-A	PROFILE SHEET: STA 260+50 TO STA 269+00, BL CONST NBR
5	PLAN SHEET: STA 269+00 TO STA 277+50 STA 128+50 TO STA 132+50, BL CR-12
5-A	PROFILE SHEET: STA 269+00 TO STA 273+60, BL CONST NBR STA 273+60 TO STA 277+50
6	PLAN SHEET: STA 277+50 TO STA 286+00
6-A	PROFILE SHEET: STA 277+50 TO STA 286+00
7 THRU 9	PAVING LAYOUT SHEETS
10 THRU 12	SIGNING AND STRIPING LAYOUT SHEETS
13	OMIT
14	TRAFFIC SIGNAL PLAN SHEET
15	OMIT
16	TRAFFIC CONTROL SEQUENCE OF CONSTRUCTION AND QUANTITIES
16-A THRU 16-E	TEMPORARY TRAFFIC CONTROL PLAN DETAILS
17, 17-A THRU 17-C	TRAFFIC CONTROL PLAN - PHASE II
18 THRU 19	OMIT
20 THRU 22	EROSION CONTROL PLAN SHEETS
23	HYDRAULIC DATA SHEET
24	DRAINAGE SECTIONS
25	SPECIAL PROJECT DETAIL: INLET, OPEN THROAT
26 THRU 99	OMIT
100 THRU 102	CROSS SECTIONS - BL CONST FBE NBR
103 THRU 105	CROSS SECTIONS - CL CONST FBE
106 THRU 149	OMIT
150	EARTHWORK SUMMARY SHEET

SHEET NO	DESCRIPTION
1	TITLE SHEET
1-A	INDEX TO PLAN SHEETS
1-B	INDEX TO SPECIAL AND STANDARD DRAWINGS
1-C THRU 1-D	PLANS LEGEND AND ABBREVIATIONS
1-E	TRAFFIC SIGNAL AND ITS LEGEND
1-F	EROSION CONTROL LEGEND
1-G THRU 1-H	SURVEY CONTROL AND GEOMETRIC LAYOUT
2, 2-A THRU 2-B	OMIT
2-C THRU 2-G	TYPICAL SECTIONS
2-H THRU 2-K	ADD ALT NO 1: TYPICAL SECTIONS
2-L THRU 2-M	OMIT
2-N	PROJECT NOTES
2-O	TRAFFIC SIGNAL PLAN NOTES
2-P	GENERAL TRAFFIC CONTROL PLAN NOTES
3, 3-A	SUMMARY OF QUANTITIES
3-B THRU 3-C	OMIT
3-D THRU 3-E	SUMMARY OF QUANTITIES
3-F	ADD ALT NO 1: SUMMARY OF QUANTITIES
4 THRU 15	OMIT
16	TRAFFIC CONTROL SEQUENCE OF CONSTRUCTION AND QUANTITIES
16-A THRU 16-E	TEMPORARY TRAFFIC CONTROL PLAN DETAILS
17 THRU 39	OMIT
40	PLAN/PROFILE SHEET: STA 120+00 TO STA 128+50, BL CR-12
41	PLAN SHEET: STA 128+50 TO STA 132+50, BL CR-12 STA 269+00 TO STA 277+50
41-A	PROFILE SHEET: STA 128+50 TO STA 132+50, BL CR-12
41-B	PROFILE SHEET: STA 269+00 TO STA 273+60, BL CONST FBE SBR STA 269+00 TO STA 273+60, BL CONST FBE NBR STA 273+60 TO STA 277+50, CL CONST FBE (SBR) STA 273+60 TO STA 277+50, CL CONST FBE (NBR)
42	PLAN/PROFILE SHEET: STA 132+50 TO STA 141+00, BL CR-12
43	ADD ALT NO 1: PLAN SHEET: STA 260+50 TO STA 269+00
43-A	ADD ALT NO 1: PROFILE SHEET: STA 260+50 TO STA 269+00, BL CONST FBE SBR STA 260+50 TO STA 269+00, BL CONST FBE SBR, BL CONST FBE NBR
44	ADD ALT NO 1: PLAN SHEET: STA 269+00 TO STA 277+50 STA 128+50 TO STA 132+50, BL CR-12
44-A	ADD ALT NO 1: PROFILE SHEET: STA 269+00 TO STA 273+60, BL CONST FBE SBR STA 269+00 TO STA 273+60, BL CONST FBE NBR STA 273+60 TO STA 277+50, CL CONST FBE (SBR) STA 273+60 TO STA 277+50, CL CONST FBE (NBR)
44-B	ADD ALT NO 1: PROFILE SHEET: STA 128+50 TO STA 132+50, BL CR-12
45	ADD ALT NO 1: PLAN SHEET: STA 277+50 TO STA 286+00
45-A	ADD ALT NO 1: PROFILE SHEET: STA 277+50 TO STA 286+00, CL CONST FBE (SBR) STA 277+50 TO STA 286+00, CL CONST FBE (NBR)
46 THRU 47	PAVING LAYOUT SHEETS
48 THRU 50	ADD ALT NO 1: PAVING LAYOUT SHEETS
51 THRU 52	SIGNING AND STRIPING LAYOUT SHEETS
53 THRU 55	ADD ALT NO 1: SIGNING AND STRIPING LAYOUT SHEETS
56	TRAFFIC SIGNAL REMOVAL PLAN SHEET
57	TRAFFIC SIGNAL PLAN SHEET
58	ADD ALT NO 1: TRAFFIC SIGNAL PLAN SHEET
59	TRAFFIC SIGNAL PLAN SHEET: TRAFFIC SIGNAL OPERATING PLAN
60	TEST BORING RECORDS
61, 61-A THRU 61-D	TRAFFIC CONTROL PLAN - PHASE II
62, 62-A THRU 62-C	ADD ALT NO 1: TRAFFIC CONTROL PLAN - PHASE II
63, 63-A	TRAFFIC CONTROL PLAN - PHASE III
64, 64-A	ADD ALT NO 1: TRAFFIC CONTROL PLAN - PHASE III
65 THRU 66	EROSION CONTROL PLAN SHEETS
67 THRU 69	ADD ALT NO 1: EROSION CONTROL PLAN SHEETS
70	HYDRAULIC DATA SHEET
71	ADD ALT NO 1: HYDRAULIC DATA SHEET
72	DRAINAGE SECTIONS
73	ADD ALT NO 1: DRAINAGE SECTIONS
74 THRU 105	OMIT
106 THRU 108	CROSS SECTIONS: STA 123+70.40 TO STA 129+50.00, BL CR-12
109	ADD ALT NO 1: CROSS SECTIONS: STA 129+00.00 TO STA 129+50.00, BL CR-12
110	CROSS SECTIONS: STA 131+50.00 TO STA 132+00.00, BL CR-12
111	ADD ALT NO 1: CROSS SECTIONS: STA 131+50.00 TO STA 132+00.00, BL CR-12
112 THRU 113	CROSS SECTIONS: STA 132+50.00 TO STA 137+34.79, BL CR-12
114 THRU 115	CROSS SECTIONS: STA 270+78.57 TO STA 273+50.00, BL CONST FBE SBR
116 THRU 119	ADD ALT NO 1: CROSS SECTIONS: STA 264+67.31 TO STA 273+50.00, BL CONST FBE SBR
120 THRU 121	CROSS SECTIONS: STA 270+90.96 TO STA 273+50.00, BL CONST FBE NBR
122 THRU 123	ADD ALT NO 1: CROSS SECTIONS: STA 268+36.65 TO STA 273+50.00, BL CONST FBE NBR
124	CROSS SECTIONS: STA 274+00.00 TO STA 274+58.81, CL CONST FBE
125 THRU 130	ADD ALT NO 1: CROSS SECTIONS: STA 274+00.00 TO STA 282+49.56, CL CONST FBE
131 THRU 149	OMIT
150	EARTHWORK SUMMARY SHEET

[illegible]

THE FOLLOWING ARE SPECIAL OR STANDARD DRAWINGS CONTAINED IN THE ALABAMA DEPARTMENT OF TRANSPORTATION
SPECIAL & STANDARD HIGHWAY DRAWINGS BOOK (U.S. CUSTOMARY UNITS OF MEASUREMENTS) DATED 2020 WHICH APPLY TO THIS PROJECT:

INDEX NO.		DRAWING NO.		DESCRIPTION
NEW	OLD			
<u>53000 ROADWAY PIPE CULVERTS</u>				
53004	447	RPC-530	(SHEET 1 OF 3)	BEDDING AND FILL HEIGHTS FOR ALL ROADWAY PIPE CULVERTS (RCP AND CMP)
53005	448	RPC-530	(SHEET 2 OF 3)	BEDDING AND FILL HEIGHTS FOR ALL ROADWAY PIPE CULVERTS (CMP AND RCP)
53006	449	RPC-530	(SHEET 3 OF 3)	BEDDING AND FILL HEIGHTS FOR ALL ROADWAY PIPE CULVERTS (H.D.P.E. PIPE)
<u>61900 PIPE CULVERT END TREATMENTS</u>				
61901	408	FE-619	(SHEET 1 OF 2)	DETAILS OF CONCRETE FLARED END SECTION W/ GRATE FOR CONCRETE AND METAL PIPE
61902	409	FE-619	(SHEET 2 OF 2)	DETAILS OF CONCRETE FLARED END SECTION W/ GRATE FOR CONCRETE AND METAL PIPE
61905	411	HW-614-B (PC)	(SHEET 1 OF 2)	PRECAST SLOPE PAVED HEADWALL DETAILS FOR RCP AND CMP ROADWAY PIPE
61906	412	HW-614-B (PC)	(SHEET 2 OF 2)	PRECAST SLOPE PAVED HEADWALL DETAILS FOR RCP AND CMP ROADWAY PIPE
61909	413	HW-614-B	(SHEET 1 OF 2)	SLOPE PAVED HEADWALL DETAILS FOR REINFORCED CONCRETE AND CORRUGATED METAL ROADWAY PIPE
61910	414	HW-614-B	(SHEET 2 OF 2)	SLOPE PAVED HEADWALL DETAILS FOR REINFORCED CONCRETE AND CORRUGATED METAL ROADWAY PIPE
<u>62000 MINOR STRUCTURE CONCRETE</u>				
62001	401	CC-530		DETAILS OF CONCRETE COLLAR FOR CONNECTING CONCRETE PIPE OF DIFFERENT SHELL THICKNESS OR CONNECTING CONCRETE TO CORRUGATED METAL PIPE
<u>62100 INLETS, JUNCTION BOXES, MANHOLES, AND MISCELLANEOUS DRAINAGE STRUCTURES</u>				
<u>INLETS</u>				
62119	628	I-621-E	(SHEET 2 OF 3)	DETAILS OF CAST DUCTILE OR MALLEABLE IRON GRATE SEAT, CAST DUCTILE OR GRAY IRON COVER AND RING, WELDED STEEL GRATE, AND STEEL LADDER BARS FOR CURB INLET TYPE E
<u>66500 TEMPORARY SEDIMENT AND EROSION CONTROL</u>				
66501	1160	ESC-100-1		BEST MANAGEMENT PRACTICE REFERENCE MATRIX
66502	1160-A	ESC-100-2		BEST MANAGEMENT PRACTICE REFERENCE MATRIX
66505	1161	ESC-200-1		TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS
66507	1161-B	ESC-200-3		DETAILS OF SEDIMENT BARRIER APPLICATIONS
66508	1161-C	ESC-200-4		DETAILS OF SILT FENCE INSTALLATION
66512	1162	ESC-300-1		DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS
66515	1162-C	ESC-300-4		DETAILS OF EROSION CONTROL WATTLE DITCH CHECKS
66517	1162-E	ESC-300-6		DETAILS OF ROCK DITCH CHECKS
66518	1162-F	ESC-300-7		DETAILS OF ROCK DITCH CHECKS WITH SUMP EXCAVATION
66519	1162-G	ESC-300-8		DETAILS OF SILT FENCE DITCH CHECKS
66522	1163	ESC-400-1		INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS
66523	1163-A	ESC-400-2		INLET PROTECTION DETAILS OF COARSE AGGREGATE ON GRADES AND SAGS
66524	1163-B	ESC-400-3		INLET PROTECTION DETAILS OF WATTLES
66525	1163-C	ESC-400-4		INLET PROTECTION DETAILS OF SILT FENCE
<u>68000 GEOMETRIC CONTROLS</u>				
68007	715	LTL-623		GEOMETRIC DESIGN AND STRIPING DETAILS FOR SPEED CHANGE LANES WITH MEDIAN CROSSEOVERS WITH AND WITHOUT CURBED GORE AREAS
<u>70100 TRAFFIC STRIPE</u>				
70120	1011	IPS-701-7		PAVEMENT TRAFFIC STRIPE FOR 4 LANE HIGHWAYS
70126	1012	IPS-701-8		DETAILS OF TRAFFIC STRIPING ACCEL AND DECEL LANES AND RAMPS FOR 4 LANE RURAL HIGHWAYS WITH EITHER PAVED OR UNPAVED SHOULDERS
70133	1038	PS-701-7		STRIPING DETAILS OF DROP LANES AND TURN LANES
<u>70300 TRAFFIC CONTROL MARKINGS AND LEGENDS</u>				
70301	1048	TCM-703	(SHEET 1 OF 2)	PAVEMENT LEGENDS AND MARKINGS
70302	1049	TCM-703	(SHEET 2 OF 2)	PAVEMENT LEGENDS AND MARKINGS
<u>70500 PAVEMENT MARKERS</u>				
70501	1027	PM-705-1		DETAILS OF PAVEMENT MARKERS CLASS A, A-H, AND B
70504	1028	PM-705-2		DETAILS SHOWING APPLICATION OF PAVEMENT MARKERS
70507	1029	PM-705-3	(SHEET 1 OF 2)	DETAILS OF REFLECTORIZED MARKINGS TO BE USED ON MAIN LINE AND RAMPS
70508	1030	PM-705-3	(SHEET 2 OF 2)	DETAILS OF REFLECTORIZED MARKINGS TO BE USED ON MAIN LINE AND RAMPS
70511	1033	PM-705-6		DETAILS SHOWING APPLICATION OF PAVEMENT MARKERS FOR 5 LANE ROADWAYS

INDEX NO.		DRAWING NO.		DESCRIPTION
NEW	OLD			
<u>70700</u> <u>DELINEATORS AND HAZARD MARKERS</u>				
70701	1001	HMI-707		DETAILS OF CENTERMOUNT DELINEATORS AND HAZARD MARKERS
<u>71000</u>	<u>ROADWAY SIGNS</u>			
	<u>INSTALLATION</u>			
71017	1214	IHS-710-12		DETAILS OF ROADWAY SIGN POSTS (SMALL CHANNEL AND TUBULAR SECTION)
71032	1225	IHS-710-21		DETAILS OF LOCATION AND MOUNTING OF STANDARD FLAT PANEL SIGNS ON U-CHANNEL AND TUBULAR POSTS
71035	1229	IHS-710-23		LIGHTWEIGHT STRUCTURAL SIGN SUPPORT INSTALLATIONS
	<u>SIGN FACE DETAILS</u>			
71060	1301	SHS-1		STANDARD HIGHWAY SIGNS
71062	1303	SHS-3		STANDARD HIGHWAY SIGNS
71067	1308	SHS-8		STANDARD HIGHWAY SIGNS
71069	1310	SHS-10		STANDARD HIGHWAY SIGNS
71075	1313	SHS-13		STANDARD HIGHWAY SIGNS
71079	1317	SHS-17		STANDARD HIGHWAY SIGNS
71082	1319	SHS-19		STANDARD HIGHWAY SIGNS
71083	1320	SHS-20		STANDARD HIGHWAY SIGNS
71084	1321	SHS-21		STANDARD HIGHWAY SIGNS
71087	1324	SHS-24		STANDARD HIGHWAY SIGNS
71090	1326	SHS-26		STANDARD HIGHWAY SIGNS
71092	1328	SHS-28		STANDARD HIGHWAY SIGNS
71093	1329	SHS-29		STANDARD HIGHWAY SIGNS
71094	1330	SHS-30		STANDARD HIGHWAY SIGNS
<u>73000</u>	<u>TRAFFIC SIGNALS</u>			
73001	1055	T.S.D.-730-1		POWER SOURCE DETAILS FOR TRAFFIC SIGNALS AND TRAFFIC SIGNAL POLES WITH LIGHTING
73004	1056	T.S.D.-730-2	(SHEET 1 OF 3)	METAL TRAFFIC SIGNAL POLE AND LIGHTING INSTALLATION DETAILS
73005	1057	T.S.D.-730-2A	(SHEET 2 OF 3)	METAL TRAFFIC SIGNAL POLE AND LIGHTING INSTALLATION DETAILS
73006	1058	T.S.D.-730-2B	(SHEET 3 OF 3)	METAL TRAFFIC SIGNAL POLE AND LIGHTING INSTALLATION DETAILS
73009	1059	T.S.D.-730-4		TRAFFIC SIGNAL POLE FOUNDATION
73027	1066	T.S.D.-730-10		BASE AND POLE MOUNTED CONTROLLER CABINET INSTALLATIONS
73036	1069	T.S.D.-730-13		JUNCTION BOX INSTALLATION
73039	1070	T.S.D.-730-14		TYPE 1 AND TYPE 5 ENCASEMENT DETAILS
73048	1073	T.S.D.-730-17		RADAR DETECTION SYSTEM DETAILS
73051	1074	T.S.D.-730-18		FLASHING YELLOW ARROW SIGN
<u>74000</u>	<u>TRAFFIC CONTROL DEVICES FOR CONSTRUCTION WORK ZONES</u>			
74001	902	B-107-2		PERFORATED SQUARE STEEL TUBING (PSST) BARRICADES TYPE I, TYPE II, AND TYPE III & VERTICAL PANELS TYPE I AND TYPE II
74004	905	LCS-107		DETAILS SHOWING REQUIREMENTS FOR LIGHTING CONSTRUCTION SIGNS
74007	1045	TCD-100		DETAILS OF TRAFFIC CHANNELIZATION DEVICES
<u>74200</u>	<u>PORTABLE CHANGEABLE MESSAGE SIGNS</u>			
74201	1239	PCMS-710	(SHEET 1 OF 3)	DETAILS OF PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)
74202	1240	PCMS-710	(SHEET 2 OF 3)	DETAILS OF PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)
74203	1241	PCMS-710	(SHEET 3 OF 3)	DETAILS OF PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)
<u>75000</u>	<u>ROADWAY LIGHTING</u>			
75039	1095	RLD-006		ELECTRICAL JUNCTION BOXES TYPE 1 AND TYPE 2 DETAILS
75045	1097	RLD-008		DETAILS SHOWING INSTALLATION OF ELECTRICAL CONDUIT UNDER ROADWAYS AND RAMPS TYPE 1 AND TYPE 5

SHEET NUMBER

1-B

01/31/2020

DATE

NTS

SCALE

1 OF 1

SERIES NUMBER

BALDWIN

COUNTY

FOLEY BEACH EXPRESS

ROUTE

08.19.002

PROJECT NUMBER

DESIGNED

CHECKED

DETAILED

CHECKED

REVIEWED

CDW

BY

REVISION OR CHANGE ORDER DESCRIPTION

NO.

DATE

City of

Foley

PROJECT

400-3020-5139

HRRR-0219(250)

CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12

&

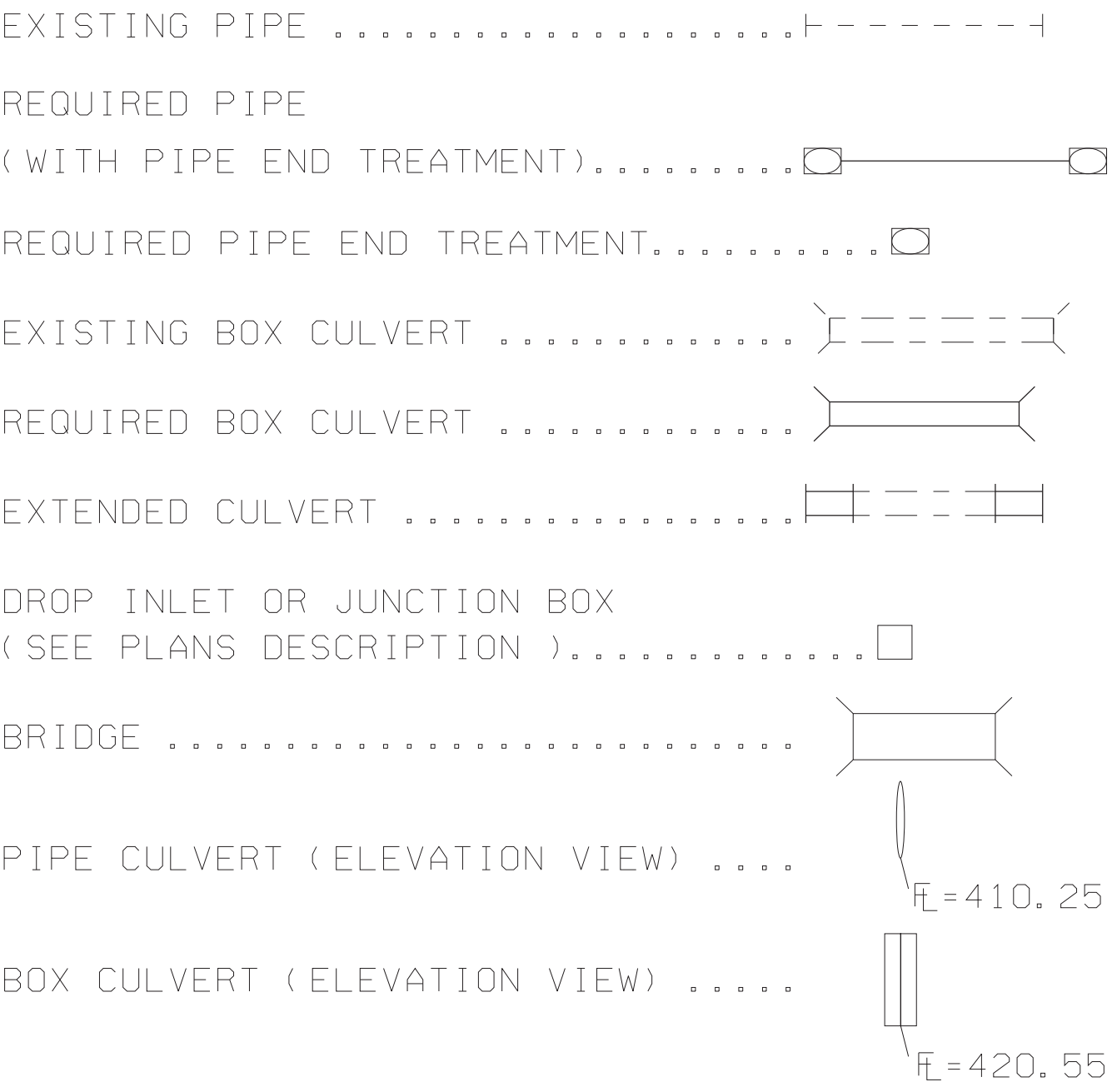
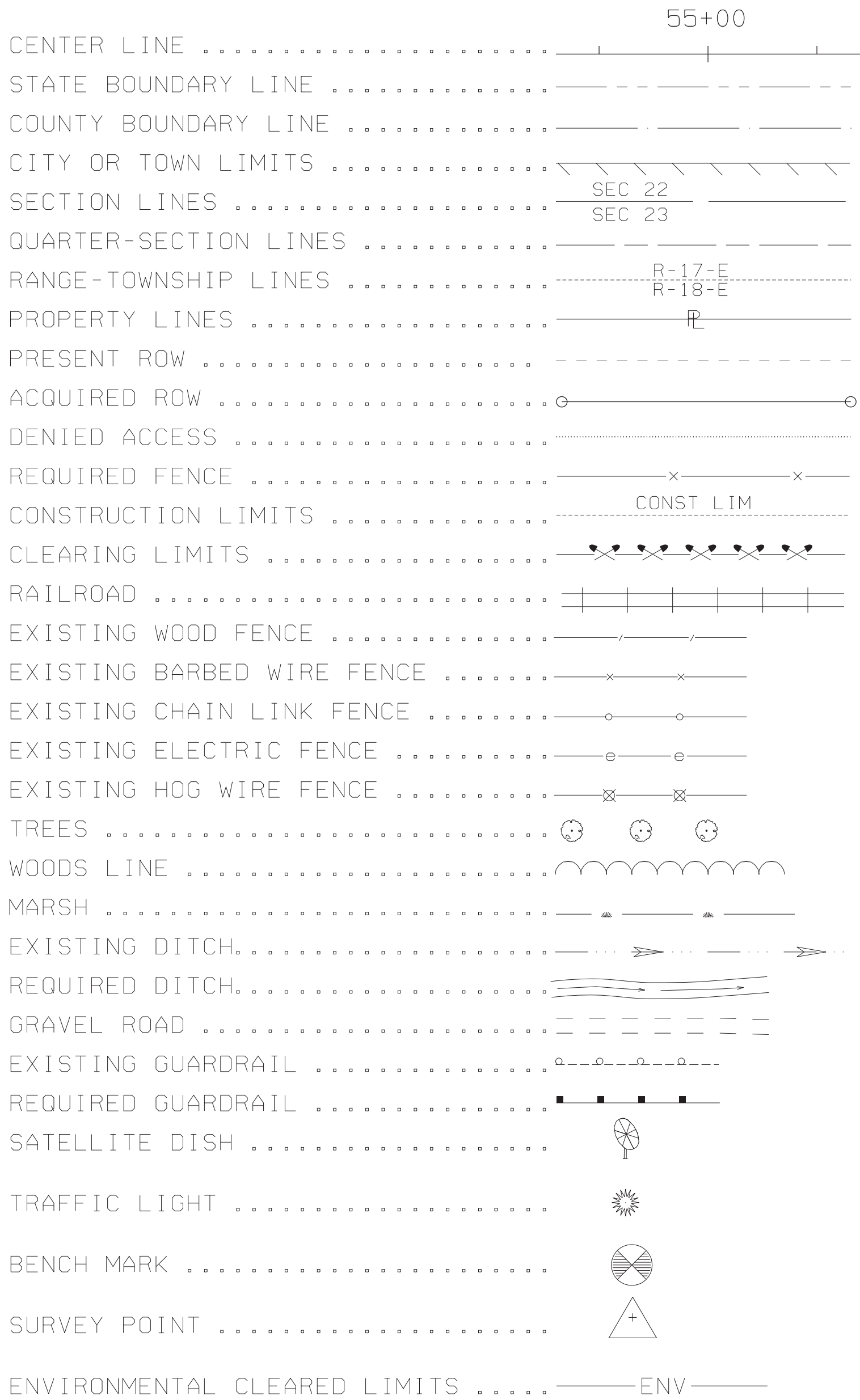
IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12

SHEET TITLE

INDEX TO SPECIAL AND STANDARD DRAWINGS

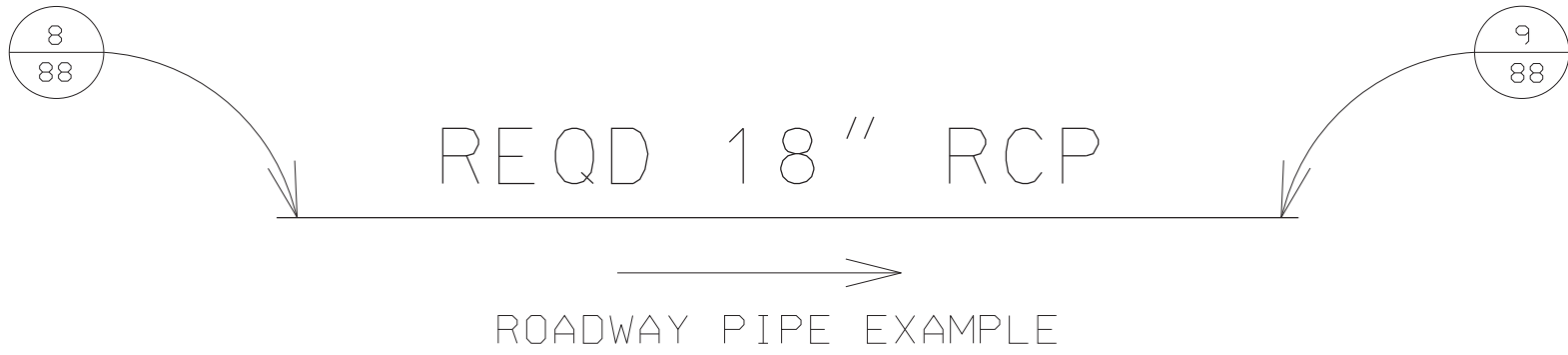
BKI

ROADWAY

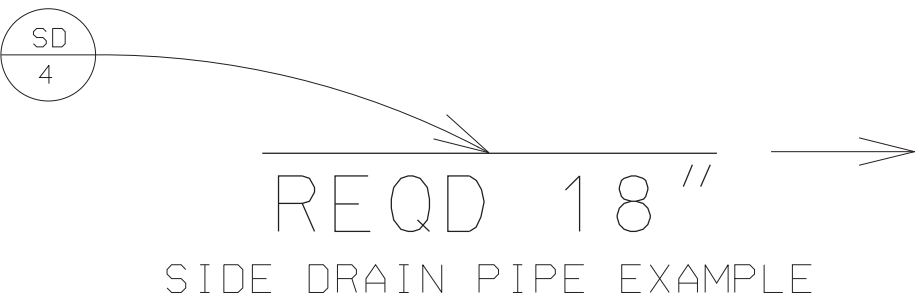


DRAINAGE STRUCTURE INDEX NUMBERS

DRAINAGE STRUCTURE WRITE-UPS ARE LOCATED ON THE DRAINAGE CROSS-SECTION SHEETS. STRUCTURES WITH WRITE-UPS ARE INDEXED AT EACH END, WITH NUMBERS ASSIGNED BY DIRECTION OF FLOW. THE NUMBER IN THE UPPER HALF OF THE CIRCLE (EXAMPLE 8 OR 9) IS THE DRAINAGE STRUCTURE INDEX NUMBER. THE NUMBER IN THE LOWER HALF (EXAMPLE 88) IS THE SHEET REFERENCE NUMBER.

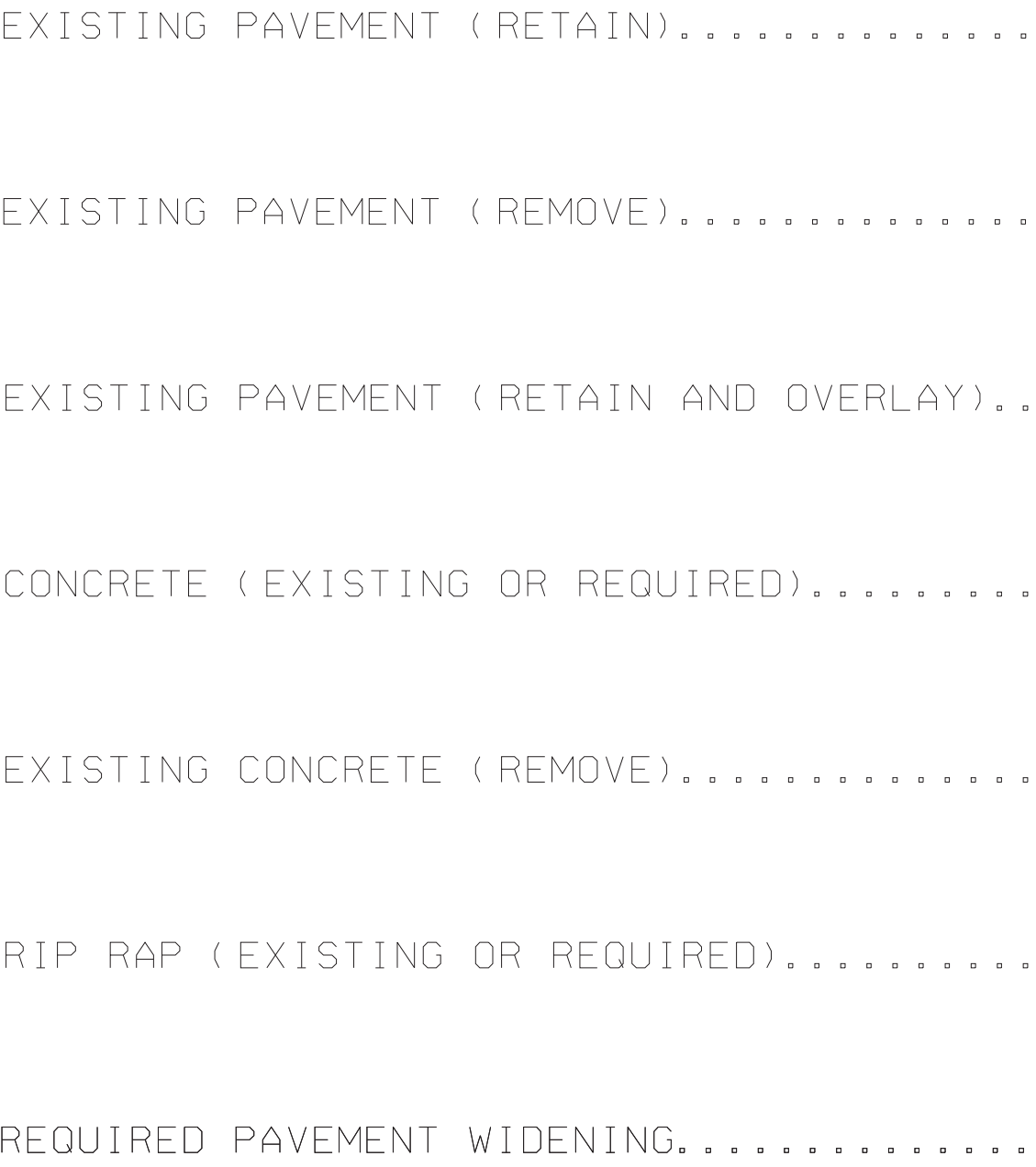
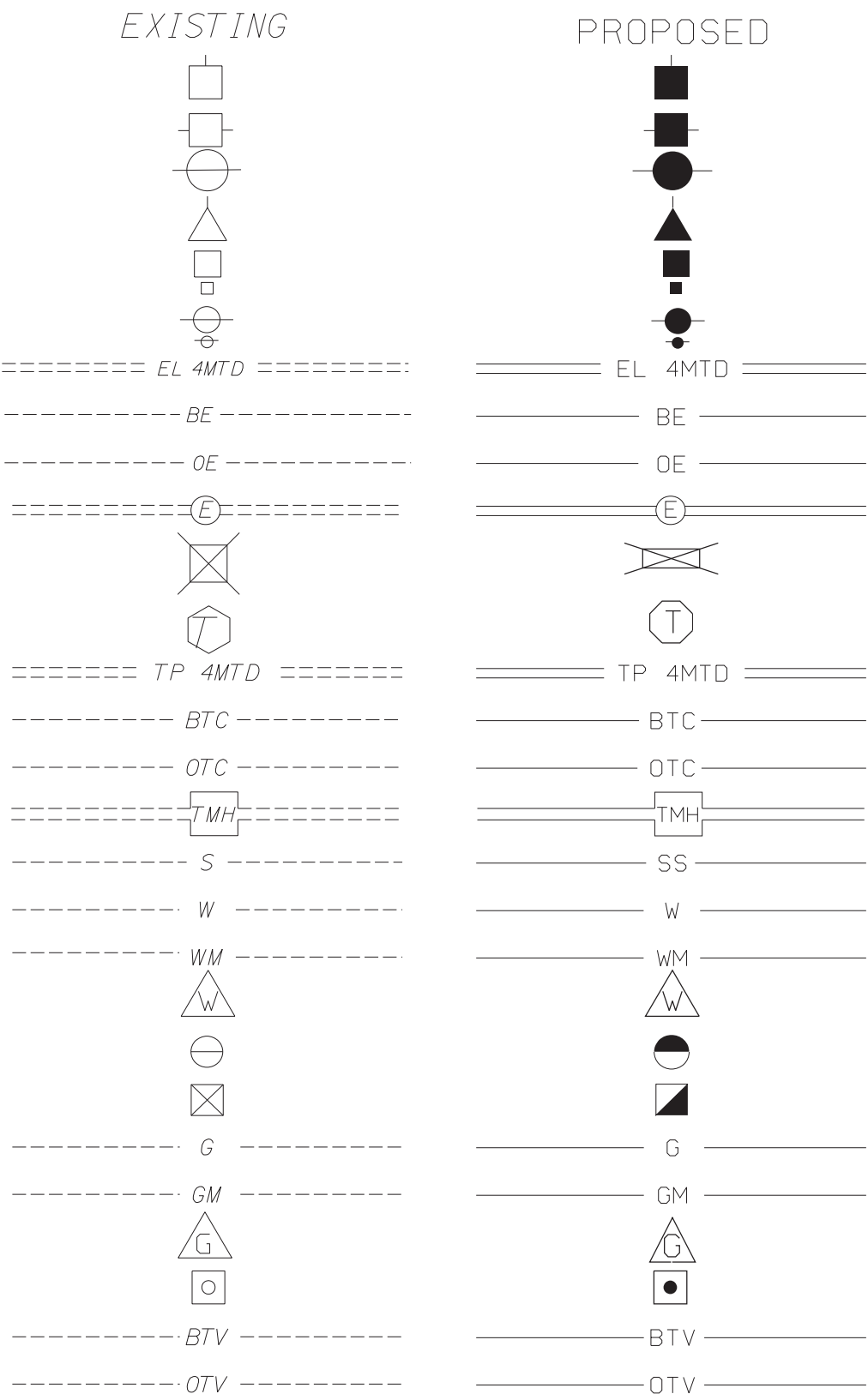
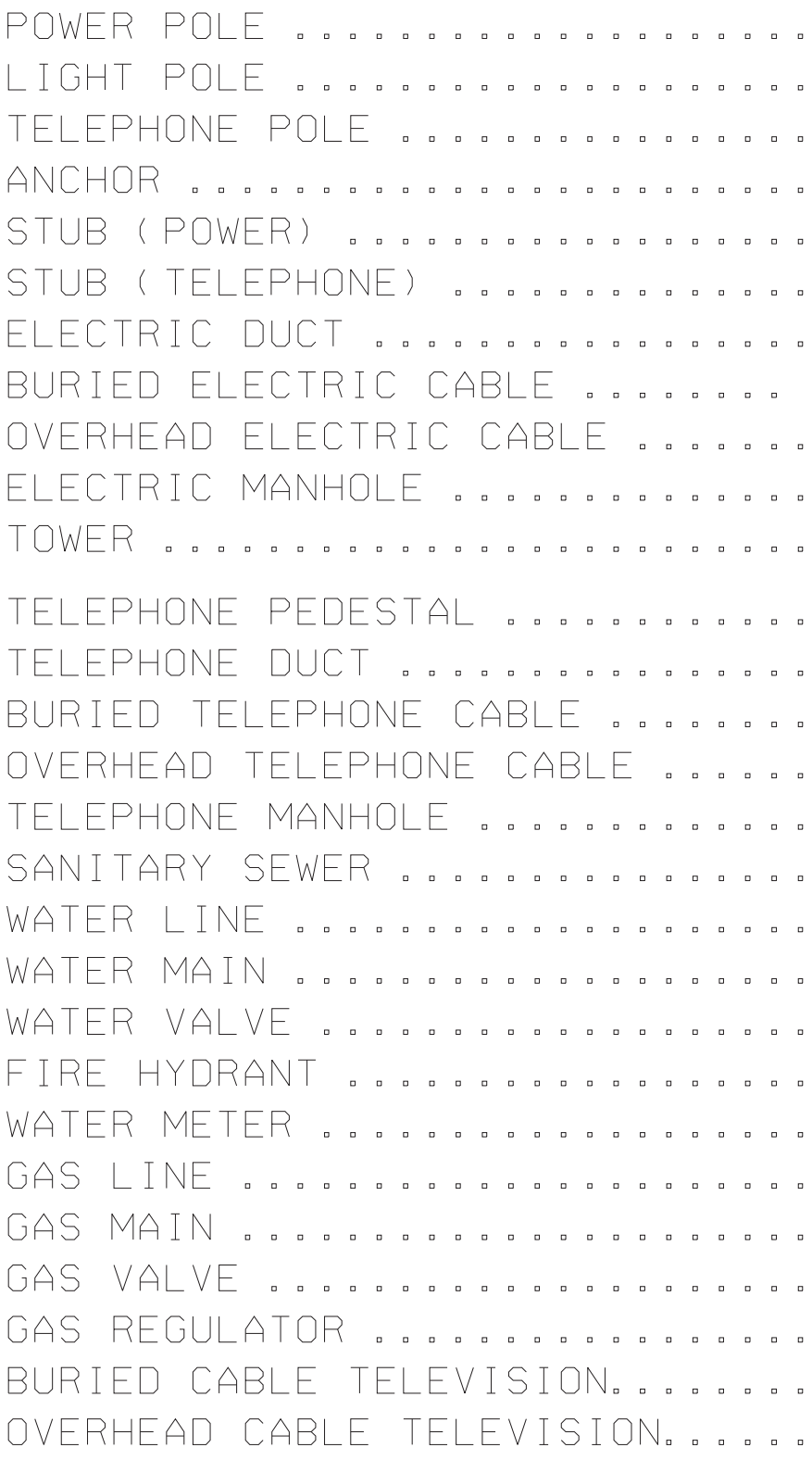


ALL INFORMATION CONCERNING THE DISPOSITION OF SIDE DRAIN PIPE IS SHOWN ON THE SUMMARY OF QUANTITIES BOX SHEET. THE TOP LETTERS (SD) ARE FOR SIDE DRAIN AND THE BOTTOM NUMBER IS THE DRAINAGE STRUCTURE INDEX NUMBER.



DIRECTION OF FLOW

UTILITIES



ABANDON(ED).....ABAN
ABUTMENT.....ABUT
ACCELERATION.....ACCL
ACQUIRED.....ACQD
ACRE.....AC
AHEAD.....AH
ALABAMA.....AL
ALABAMA DEPARTMENT OF TRANSPORTATION.....ALDOT
ALTERNATE.....ALT
APPROXIMATE(LY).....APP
AREA.....A
ASPHALT.....ASP
AVERAGE ANNUAL DAILY TRAFFIC.....AADT
BACK.....BK
BACK OF GUARDRAIL.....BK-GR
BACKSIGHT.....BS
BARBED WIRE.....B/W
BARREL.....BBL
BARRIER.....BAR
BASE LINE.....BL or E
BEARING.....BRNG
BEGIN.....BEG
BEGINNING OF PROJECT.....BOP
BETWEEN.....BTW
BILLBOARD.....BBD
BENCH MARK.....BM
BITUMINOUS.....BIT
BITUMINOUS COATED CORRUGATED METAL PIPE.....BCCMP
BOUNDARY.....BDY
BRIDGE.....BRG
BRIDGE END SLAB.....BES
CAPACITY.....CAPY
CAST IRON.....CI
CAST IN PLACE.....CIP
CATCH BASIN.....CB
CENTER LINE.....CL
CHAIN LINK.....C/L
CLASS.....CLS
CONCRETE.....CONC
CONNECTION.....CONN
CONSTRUCTION LIMITS.....CONST LIM
CORNER.....COR
CORRECTION.....CORR
CORRUGATED IRON.....CORI
CORRUGATED METAL.....CMP
CORRUGATED METAL PIPE.....CPP
CORRUGATED PLASTIC PIPE.....CPP
COUNTY.....CO
COUNTY ROAD.....CO-RO
CREEK.....CK
CROSS SECTION.....X-SECT
CROWN REMOVED.....CR
CUBIC FEET.....FT3
CUBIC FEET PER SECOND.....CFS
CUBIC YARD.....YD3
CUBIC METERS.....M3
CULVERT.....CULV
CULTIVATED.....CULT
CURB FACE.....CF
CURB AND GUTTER.....C&G
CUT.....C
CURVE TO SPIRAL.....CS
DECCELERATION.....DECEL
DECLINATION.....DECL
DEGREE OF CURVE.....D
DENIED ACCESS.....D/A
DEPARTURE.....DEP
DIAMETER.....DIA
DIRECTION.....DIR
DISTANCE.....DIST
DOUBLE.....DBL
DOUBLE BARREL CULVERT.....CD
DRAINAGE AREA.....DA
DRIVE.....DR
DROP INLET.....DI
EACH.....EA
EASEMENT.....ESMT
EAST.....E
EAST BOUND ROADWAY.....EBR
EDGE OF PAVEMENT.....EP
ELEVATION.....E or ELEV
END OF RETURN.....ER
END OF PROJECT.....EOP
EQUATION.....EQ
EROSION CONTROL PRODUCTS.....ECP
EXCAVATION.....EXCAV
EXISTING.....EXP
EXPANSION.....EXT
EXTENSION.....EXT
EXTERNAL.....EXT
EXTRA STRENGTH.....EXT STR
FEET.....FT
FILL.....FILL
FILTER BLANKET.....FLT BLNK
FINISHED GRADE.....FG
FINISHED SURFACE.....FS
FISCAL YEAR.....FY
FIXED.....FIX
FLAT BOTTOM.....FB
FLOW LINE.....FL or E

FORESIGHT OR FRONTSIGHT.....FST
FRACTIONAL.....FRAC
FULL SUPERELEVATION.....FS
GALLON.....GAL
GASOLINE PUMPS.....GPP
GARAGE.....GAR
GAUGE.....GA
GIRDER.....GDR
GOVERNMENT.....GOV
GRASS.....GRS
GRADE CHANGE.....GC
GRADE POINT.....GP
GRADE ROD.....GRD
GRAVEL.....GRV
GUARDRAIL.....GR
HEADWALL.....HOWL
HECTARE.....HA
HIGH WATER MARK.....HWM
HEIGHT.....HT
HEIGHT OF INSTRUMENT.....HT
HIGH WATER.....HW
HIGHWAY.....HWY
HOGWIRE.....H/W
HORIZONTAL.....HOR
HUB & TACK.....H&T
HYDRANT.....HYD
IMPACT ATTENUATOR.....IA
IN ACCORDANCE WITH.....I/A/W
IN PLACE.....IN-PL
INCHES.....IN
INCLUDING.....INCL
INCORPORATED.....INC
INSTRUMENT.....INST
ISLAND.....ISL
JOINT.....JT
JUNCTION.....JCT
JUNCTION BOX.....JB
KILOMETER.....KM
KILOMETER POST.....KMP
KILOMETERS PER HOUR.....KPH
LANE.....LN
LATITUDE.....LAT
LEFT.....LT
LEFT AHEAD.....LA
LEFT BACK.....LB
LENGTH OF CURVE.....LC
LINK.....LK
LIMIT.....LIM
LINEAR.....LIN
LINEAR FEET.....LIN FT
LONGITUDE.....LONG
MANHOLE.....MH
MARKER.....MRK
MAXIMUM.....MAX
MEAN HIGH WATER.....MHW
MEAN LOW WATER.....MLW
MEASUREMENT.....MEAS
MEDIAN.....MED
METER.....M
MERIDIAN.....MER
MILE POST.....MP
MILES.....MI
MILES PER HOUR.....MPH
MILLIMETER.....MM
MINIMUM.....MIN
MONUMENT.....MON
MULTIPLE.....MULT
NORMAL.....NORM
NORMAL CROWN.....NC
NORMAL CROWN SLOPE.....NCS
NORTH.....N
NORTH BOUND ROADWAY.....NBR
NORTHING-EASTING.....NE
NOT IN CONTRACT.....NIC
NOT IN SCALE.....NTS
NUMBER.....NO
OBSERVATION.....OBS
ON CENTER.....OC
ORIGINAL.....ORIG
OVERHEAD.....OHD
OVERHAUL.....OH
OUT TO OUT.....OO
PAINT.....PNT
PAVED.....PVD
PAVED SHOULDER.....PVD SH
PAVEMENT.....PVMT
PIPE END TREATMENT.....PET
PIPE ENTERING CULVERT.....PEC
PLATE GIRDER.....PL GDR
POINT OF BEGINNING.....POB
POINT OF COMPOUND CURVE.....POC
POINT OF CURVATURE.....PC
POINT OF INTERSECTION.....POI
POINT OF ENDING.....POE
POINT OF INTERSECTION.....POI
POINT OF TANGENCY.....PT
POINT ON CURVE.....POC
POUND.....PB
PRESENT.....PRES
PROFILE GRADE.....PG

PROJECT.....PROJ
PROJECT CONTROL.....PJC
PROPERTY LINE.....PL
PROPOSED.....PROP
QUADRUPLE.....QUAD
QUADRUPLE BARREL CULVERT.....CO
QUANTITY.....QUANT
RADIUS.....R
RAILROAD.....RR
RANGE.....RGE
RECORD.....REC
REDUCTION.....RED
REFERENCE.....REF
REFERENCE POINT.....RP
REFERENCE POINT FOR POINT ON TANGENT.....RPPOT
REINFORCED.....REINF
REINFORCED CONCRETE.....RC
REINFORCED CONCRETE DECK GIRDER.....RCDG
REINFORCED CONCRETE PIPE.....RCP
REINFORCING STEEL.....REINF STL
RELOCATE.....RELC
REMOVE.....REM
REQUIRED.....REQD
RETAIN(ING).....RET
REVERSE CROWN.....RC
REVISION.....REV
RIGHT.....RT
RIGHT AHEAD.....RA
RIGHT BACK.....RB
RIGHT OF WAY.....ROW
RIGHT OF WAY MARKER.....ROWM
RIVER.....RIV
ROAD.....RD
ROADWAY.....RDWY
SECTION.....SEC
SERVICE ROAD.....SER RD
SHEET.....SHT
SHEET PILING.....SHT PILE
SHOULDER.....SHD
SIDE DRAIN.....SD
SIDEWALK.....SW
SIGHT DISTANCE.....SIGHT DIST
SINGLE BARREL CULVERT.....SCS
SLOPE STAKE.....SST
SOLID SODDING.....SOL SOD
SOUTH.....S
SOUTH BOUND ROADWAY.....SBR
SPECIAL.....SPCL
SPECIAL DITCH.....SDT
SPECIAL DITCH LEFT.....SDL
SPECIAL DITCH MEDIAN.....SDM
SPECIAL DITCH RIGHT.....SDR
SPECIAL DRAWING.....SP-DWG
SPECIFICATIONS.....SPEC
SPRING LINE.....SL
SPIRAL TO CURVE.....SPI
SPIRAL POINT OF INTERSECTION.....SPI
SPIRAL TO TANGENT.....SPI
SQUARE FEET.....FT2
SQUARE METERS.....M2
SQUARE YARD.....YD2
TAKE.....TK
TANDARD.....STD
TANDARD DRAWING.....STD-DWG
TANDARD STRENGTH.....STD STR
TATION.....STA
TATION & ELEVATION.....T&E
TATION & OFFSET.....T&O
TOPPING SIGHT DISTANCE.....TSD
TREET.....STR
STRUCTURE.....STR
SUB-GRADE.....SG
SUPERELEVATION.....SE, se or e
SURVEY.....SRV
SYMMETRICAL.....SYM
TANGENT.....TAN
TANGENT LENGTH (CURVE DATA).....T
TANGENT TO SPIRAL.....TS
TEMPORARY.....TEMP
TEMPORARY BENCH MARK.....TBM
THROAT.....TH
TOWNSHIP.....TSHP
TRIPLE.....TR
TRIPLE BARREL CULVERT.....CT
TURN OUT.....TO
TURNING POINT.....TP
TYPE.....TY
UNIT.....U
UNKNOWN.....UNK
UNPAVED.....UNPVD
VALLEY GUTTER.....VG
VARIABLE.....VAR
VERTICAL.....VERT
VERTICAL CURVE.....VC
VERTICAL POINT OF CURVATURE.....PVC
VERTICAL POINT OF INTERSECTION.....PVI
VERTICAL POINT OF TANGENCY.....PVT
VITRIFIED.....VIT

VOLUME.....VOL
WEST.....W
WEST BOUND ROADWAY.....WBR
WING WALL.....WW
WITNESS CORNER.....WC
WOOD.....WD
WORKING POINT.....WP
WOVEN WIRE.....W/W
YARD.....YD

STRUCTURES

NUMBER OF STORIES.....1, 2, 3, 4
FRAME.....FR
BUILDING.....BLDG
BLOCK.....BLK
BRICK.....BR
STUCCO.....STU
METAL.....MET
RESIDENCE.....RES
BUSINESS.....BUS
WAREHOUSE.....WHSE
CHICKEN HOUSE.....CH HSE
CHURCH.....CH
SCHOOL.....SCH
DOUBLE WIDE MOBILE HOME.....DW MH
MOBILE HOME.....MH

UTILITIES

ANCHOR WIRE.....AW
BURIED ELECTRIC.....BE
BURIED FIBER OPTIC.....BFO
BURIED TELEPHONE CABLE.....BTC
BURIED CABLE TELEVISION.....BTVC
CAST IRON.....CI
CIRCUIT.....CKT
DUCTILE IRON.....DUC IRON
EASEMENT.....ESMT
FIBER OPTIC.....FO
FIRE HYDRANT.....FH
FORCED MAIN (SANITARY SEWER).....FM
GAS MAIN.....GM
GAS METER.....GMET
GAS VALVE.....GV
GUY WIRE.....GUY
HIGH PRESSURE.....HP
KILOVOLT AMPS.....KVA
MANHOLE.....MH
MERCURY VAPOR LIGHT.....MVL
OVERHEAD FIBER OPTIC.....OFO
OVERHEAD TELEPHONE CABLE.....OTC
OVERHEAD ELECTRIC CABLE.....OE
OVERHEAD CABLE TELEVISION.....OTV
PAIR.....PR
PEDESTAL.....PED
POLY-VINYL CHLORIDE PIPE.....PVC
POWER POLE.....PP
SANITARY SEWER.....SS
SERVICE.....SERV
STEEL.....STL
STORM DRAIN.....STM
STORM SEWER.....STMS
SWITCH.....SW
TELEPHONE.....TEL
TELEPHONE MANHOLE.....TMH
TRANSFORMER.....TRAN
TRANSMISSION LINE.....TR LN
TRIAXIAL CABLE (SERVICE).....TRIX
VITRIFIED CLAY PIPE.....VCP
WATER MAIN.....WM
WATER METER.....WMET
WATER VALVE.....WV

PROPERTY

DEED BOOK.....DB
REAL PROPERTY BOOK.....RP
PLAT BOOK.....PB
MAP BOOK.....MB
PAGE.....PG
OFFICIAL RECORD.....OR
CAPPED (TYPICAL PLASTIC SURVEYORS CAP).....CAP
ALUMINUM CAP.....ALUM CAP
BRASS CAP.....BR CAP
IRON PIPE.....IP
CRIMPED.....CR
REINFORCING STEEL.....REBAR
CONCRETE MONUMENT.....CM
DAMAGED.....DAM
CHISELED X.....CH" X"
HUB AND TACK.....H&T
NAIL AND BOTTLE TOP.....N&BT
PARKER-KALON (MASONARY NAILS).....PK NAIL
FENCE POST.....F-POST
RAILROAD IRON.....RR IRON
COTTON SPINDLE.....COT SP
ANGLE IRON.....ANGLE IRON

SHEET NUMBER		1-D	
01/31/2020	DATE	NTS	SCALE
BALDWIN	COUNTY	FOLEY BEACH EXPRESS	ROUTE
DESIGNED	CHECKED	DETAILED	CHECKED
CDW	REVIEWED	BY	DATE
REVISION OR CHANGE ORDER DESCRIPTION			
NO.			
PROJECT HSP-0219(250) 400-3020-5139 CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12 & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12			
SHEET TITLE PLANS LEGEND AND ABBREVIATIONS			
BKI			

ELECTRICAL BOXES		
	EXISTING	REQUIRED
METALLIC PULL BOX		
FIBER OPTIC COMMBOX TYPE F1		
FIBER OPTIC COMMBOX TYPE F2		
TRAFFIC SIGNAL JUNCTION BOX		

CABLE IN CONDUIT		
	EXISTING	REQUIRED
FIBER OPTIC CABLE IN CONDUIT (UNDERGROUND)		
FIBER OPTIC CABLE IN CONDUIT (UNDERGROUND WITH CONCRETE)		
FIBER OPTIC CABLE IN CONDUIT (BRIDGE ATTACHED)		
FIBER OPTIC CABLE (AERIAL INSTALLATION)		
INTERCONNECT CABLE IN CONDUIT (UNDERGROUND)		
INTERCONNECT CABLE (AERIAL INSTALLATION)		
CONDUIT		
ENCASEMENT		
OVERHEAD ELECTRIC		
BURIED ELECTRIC		

VEHICULAR DETECTORS		
	EXISTING	REQUIRED
PRESENCE LOOP DETECTOR		
QUADRUPOLE LOOP DETECTOR		
6' x 6' LOOP DETECTOR		
VEHICLE DETECTION CAMERA		
VIDEO DETECTION ZONE		
RADAR DETECTION UNIT		

CABINETS		
	EXISTING	REQUIRED
CABINET		

CAMERAS		
	EXISTING	REQUIRED
CCTV CAMERA, FIXED		
CCTV CAMERA, PTZ		

MISCELLANEOUS EQUIPMENT		
	EXISTING	REQUIRED
TRAFFIC SIGNAL HEAD		
TRAFFIC SIGNAL HEAD WITH BACKPLATE		
PEDESTRIAN SIGNAL HEAD		
8 FOOT PEDESTAL POLE AND PEDESTRIAN SIGNAL HEAD		
PEDESTAL MOUNTED FLASHING WARNING SIGNAL WITH SIGN		
PEDESTAL MOUNTED ILLUMINATED SCHOOL ZONE SIGN		
PUSH BUTTON ASSEMBLY		
SPAN/MASTARM MOUNTED SIGN		
OMNI DIRECTIONAL ANTENNA		
DIRECTIONAL ANTENNA		
EMERGENCY VEHICLE PREEMPTION SENSOR		
BLANKOUT MESSAGE SIGN		
TRAFFIC CONTROL CENTER		
HIGHWAY ADVISORY RADIO		
HUB BUILDING		
DYNAMIC MESSAGE SIGN (OVERHEAD)		
DYNAMIC MESSAGE SIGN (ROADSIDE)		
DYNAMIC MESSAGE SIGN (CANTILEVER)		

(NOTE: ⊕ INDICATES SIGNAL HEAD NUMBER)

POLES		
	EXISTING	REQUIRED
METAL POLE		
CONCRETE POLE		
METAL MASTARM POLE		
CLASS 3 WOOD SERVICE POLE WITH DISCONNECT		
WOOD POLE		
DOWN GUY		
LUMINAIRE		

ABBREVIATIONS		
AMERICAN WIRE GUAGE	AWG	
CLOSED CIRCUIT TELEVISION	CCTV	
CONDUIT.....	C	
CURB AND GUTTER	C&G	
DYNAMIC MESSAGE SIGN	DMS	
EASTBOUND ROADWAY	EBR	
EMERGENCY VEHICLE PREEMPTION	EVP	
END ANCHOR	E/A	
FLASHING BEACON	FB	
GALVANIZED RIGID CONDUIT.....	GRC	
GUARDRAIL	GR	
HIGH DENSITY POLYETHYLENE	HDPE	
HIGHWAY ADVISORY RADIO	HAR	
INDIVIDUAL LOWERING DEVICE	ILD	
INTELLIGENT TRANSPORTATION SYSTEM(S)....	ITS	
JUNCTION BOX	JB	
LEFT	LT	
LIGHT EMITTING DIODE	LED	
LIGHT POLE	LP	
LUMINAIRE	LUM	
MILEPOST.....	MP	
NORTHBOUND ROADWAY	NBR	
NON-METALLIC CONDUIT	NMC	
PAN TILT ZOOM.....	PTZ	
PRIMARY FIBER DISTRIBUTION UNIT.....	PFDU	
PROPERTY LINE	PL	
PUBLIC ACCESS CAMERA.....	PAC	
PULL BOX.....	PB	
RADIUS	R	
RAILROAD	RR	
RIGHT	RT	
RIGHT OF WAY.....	ROW	
ROADWAY	RDWY	
SECONDARY FIBER DISTRIBUTION UNIT	SFDU	
SCHOOL.....	SCH	
SOUTHBOUND ROADWAY	SBR	
STANDARD DRAWING	STD-DWG	
STATION	STA	
TRAFFIC CONTROL CENTER	TCC	
TRAFFIC SIGNAL OPERATING PLAN	TSOP	
TRANSPORTATION MANAGEMENT CENTER	TMC	
TURNOUT	TO	
VEHICLE DETECTION CAMERA	VDC	
WESTBOUND ROADWAY	WBR	

PROJECT

HSP-0219(250)

CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12

400-3020-5139

INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12

DESIGNED

CHECKED

DATE

01/31/2020

COUNTY

BALDWIN

ROUTE

FOLEY BEACH EXPRESS

REVIEWED

CDW

SCALE

NTS

BY

NO.

DATE

REVISION OR CHANGE ORDER DESCRIPTION

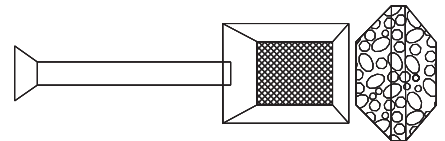
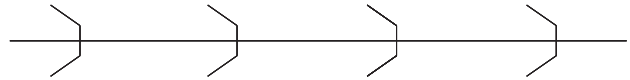


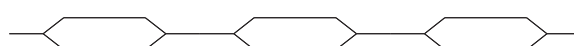



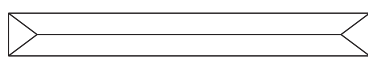
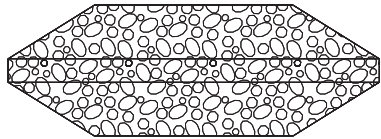
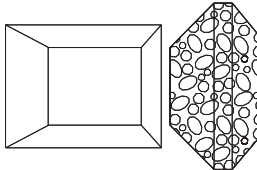
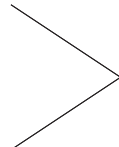
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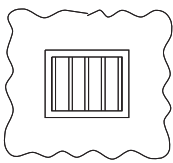

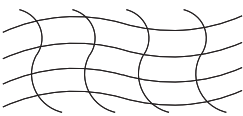

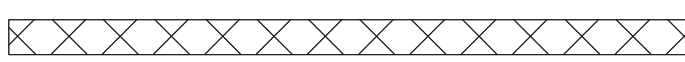
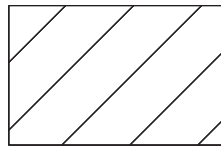




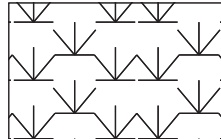
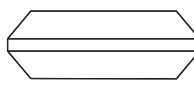
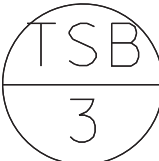

1-E

1 OF 1

SERIES NUMBER

BEST MANAGEMENT PRACTICES (BMP's)

TEMPORARY SLOPE DRAIN PIPE WITH ROCK DITCH CHECK AND SUMP EXCAVATION	
TEMPORARY EARTH BERM	
BRUSH BARRIER	
SILT FENCE SEDIMENT BARRIER	
FLOATING BASIN BOOM	
HAY BALE DITCH CHECK	
SAND BAG DITCH CHECK	
WATTLE DITCH CHECK	
SILT DIKE DITCH CHECK	
ROCK DITCH CHECK	
ROCK DITCH CHECK WITH SUMP EXCAVATION	
SILT FENCE DITCH CHECK	

INLET PROTECTION	
STABILIZED CONSTRUCTION ENTRANCE	
EROSION CONTROL PRODUCTS	
SLOPE DRAIN	
TEMPORARY EARTH BERM WITH POLYETHYLENE	
DREDGE, FILL	
PRIMARY STORMWATER DISCHARGE POINT	
SECONDARY STORMWATER DISCHARGE POINT	
BACKGROUND POINT	
SEDIMENT RETENTION BARRIER	
SOLID SODDING	
TEMPORARY RIPRAP BERM	
TEMPORARY SEDIMENTATION BASIN	
PERMANENT DETENTION BASIN	

NOTES

1. EITHER WATTLES OR SILT FENCE SHALL BE USED AS INLET PROTECTION FOR STAGE 1 AND STAGE 2. FOR INLET PROTECTION ON HARD ARMORED SURFACES SUCH AS CONCRETE AND ASPHALT, ONLY WATTLES THAT DO NOT REQUIRE STAKING SHALL BE USED.

REVISIONS

Bureau Std Engr: _____
DRAWN BY: _____ DATE DRAWN: _____

ALABAMA DEPARTMENT OF TRANSPORTATION

1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

EROSION & SEDIMENT CONTROL
LEGEND

SPECIAL DRAWING NO
SPECIAL PROJECT DETAIL

INDEX NO

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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SHEET NUMBER
1-F

01/31/2020
DATE

BALDWIN
COUNTY

DESIGNED
CHECKED

01/31/2020
DATE

FOLEY BEACH EXPRESS
ROUTE

DETAILED
CHECKED

08/19/002
PROJECT NUMBER

NTS
SCALE

1 OF 1
SERIES NUMBER

CDW
REVIEWED

BY

REVISION OR CHANGE ORDER DESCRIPTION

NO.

DATE

City of
Foley

400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

PROJECT
HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

EROSION CONTROL LEGEND

BKI

SHEET
TITLE

Project Name: Foley Beach Express at CR-12
Description:
Horizontal Alignment Name: BL CONST FBE NBR
Description:

	STATION	NORTHING	EASTING
Element: Linear			
POB ()	255+06.26	127558.809	1919919.032
POE ()	273+60.00	129411.557	1919858.534
Tangent Direction:	N 1°52'12.81" W		
Tangent Length:	1853.74		

Project Name: Foley Beach Express at CR-12
Description:
Horizontal Alignment Name: BL CONST FBE SBR
Description:

	STATION	NORTHING	EASTING
Element: Linear			
POB ()	255+06.52	127559.219	1919722.559
POE ()	273+60.00	129411.858	1919778.384
Tangent Direction:	N 1°43'33.36" E		
Tangent Length:	1853.48		

Project Name: Foley Beach Express at CR-12
Description:
Horizontal Alignment Name: CL CONST FBE
Description:

	STATION	NORTHING	EASTING
Element: Linear			
POB ()	273+60.00	129411.709	1919818.112
PC ()	287+46.78	130798.484	1919815.952
Tangent Direction:	N 0°05'21.22" W		
Tangent Length:	1386.78		

Element: Circular			
PC ()	287+46.78	130798.484	1919815.952
PI ()	288+93.89	130945.596	1919815.723
CC ()	290+38.71	130799.971	1920770.881
PT ()	290+38.71	131085.956	1919859.781
Radius:	954.93		
Delta:	17°30'56.94"	Right	
Degree of Curvature(Arc):	6°00'00.00"		
Length:	291.93		
Tangent:	147.11		
Chord:	290.79		
Middle Ordinate:	11.13		
External:	11.27		
Tangent Direction:	N 0°05'21.22" W		
Radial Direction:	N 89°54'38.78" E		
Chord Direction:	N 8°40'07.25" E		
Radial Direction:	S 72°34'24.28" E		
Tangent Direction:	N 17°25'35.72" E		

Element: Linear			
PT ()	290+38.71	131085.956	1919859.781
PC ()	299+39.64	131945.543	1920129.597
Tangent Direction:	N 17°25'35.72" E		
Tangent Length:	900.94		

Element: Circular			
PC ()	299+39.64	131945.543	1920129.597
PI ()	300+87.43	132086.543	1920173.856
CC ()	32231.528	1919218.497	
PT ()	302+32.89	132234.326	1920173.423
Radius:	954.93		
Delta:	17°35'40.09"	Left	
Degree of Curvature(Arc):	6°00'00.00"		
Length:	293.24		
Tangent:	147.78		
Chord:	292.09		
Middle Ordinate:	11.23		
External:	11.37		
Tangent Direction:	N 17°25'35.72" E		
Radial Direction:	S 72°34'24.28" E		
Chord Direction:	N 8°37'45.67" E		
Radial Direction:	N 89°49'55.63" E		
Tangent Direction:	N 0°10'04.37" W		

Element: Linear			
PT ()	302+32.89	132234.326	1920173.423
POE ()	306+20.17	132621.605	1920172.288
Tangent Direction:	N 0°10'04.37" W		
Tangent Length:	387.28		

Project Name: Foley Beach Express at CR-12
Description:
Horizontal Alignment Name: BL CR-12
Description:

	STATION	NORTHING	EASTING
Element: Linear			
POB ()	119+00.00	129411.223	1918665.602
PC ()	128+47.69	129412.214	1919613.287
Tangent Direction:	N 89°56'24.44" E		
Tangent Length:	947.69		

Element: Circular			
PC ()	128+47.69	129412.214	1919613.287
PI ()	129+02.67	129412.271	1919668.272
CC ()	106493.914	1919637.239	
PT ()	129+57.65	129412.065	1919723.256
Radius:	22918.31		
Delta:	0°16'29.72"	Right	
Degree of Curvature(Arc):	0°15'00.00"		
Length:	109.97		
Tangent:	54.98		
Chord:	109.97		
Middle Ordinate:	0.07		
External:	0.07		
Tangent Direction:	N 89°56'24.44" E		
Radial Direction:	S 0°03'35.56" E		
Chord Direction:	S 89°55'20.70" E		
Radial Direction:	S 0°12'54.16" W		
Tangent Direction:	S 89°47'05.84" E		

Element: Linear			
PT ()	129+57.65	129412.065	1919723.256
PC ()	131+09.41	129411.495	1919875.014
Tangent Direction:	S 89°47'05.84" E		
Tangent Length:	151.76		

Element: Circular			
PC ()	131+09.41	129411.495	1919875.014
PI ()	131+59.24	129411.308	1919924.843
CC ()	140870.570	1919918.023	
PT ()	132+09.07	129411.554	1919974.673
Radius:	11459.16		
Delta:	0°29'53.87"	Left	
Degree of Curvature(Arc):	0°30'00.00"		
Length:	99.66		
Tangent:	49.83		
Chord:	99.66		
Middle Ordinate:	0.11		
External:	0.11		
Tangent Direction:	S 89°47'05.84" E		
Radial Direction:	S 0°12'54.16" W		
Chord Direction:	N 89°57'57.23" E		
Radial Direction:	S 0°16'59.71" E		
Tangent Direction:	N 89°43'00.29" E		

Element: Linear			
PT ()	132+09.07	129411.554	1919974.673
POE ()	142+00.00	129416.453	1920965.591
Tangent Direction:	N 89°43'00.29" E		
Tangent Length:	990.93		

SHEET NUMBER

1-H

01/31/2020

DATE

BALDWIN

COUNTY

FOLEY BEACH EXPRESS

ROUTE

08.19.002

PROJECT NUMBER

DESIGNED

CHECKED

DETAILED

CHECKED

REVIEWED

CDW

BY

REVISION OR CHANGE ORDER DESCRIPTION

DATE

NO.

PROJECT

HSP-0219(250)

CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12

400-3020-5139

INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12

&

SURVEY CONTROL AND GEOMETRIC LAYOUT

SHEET TITLE

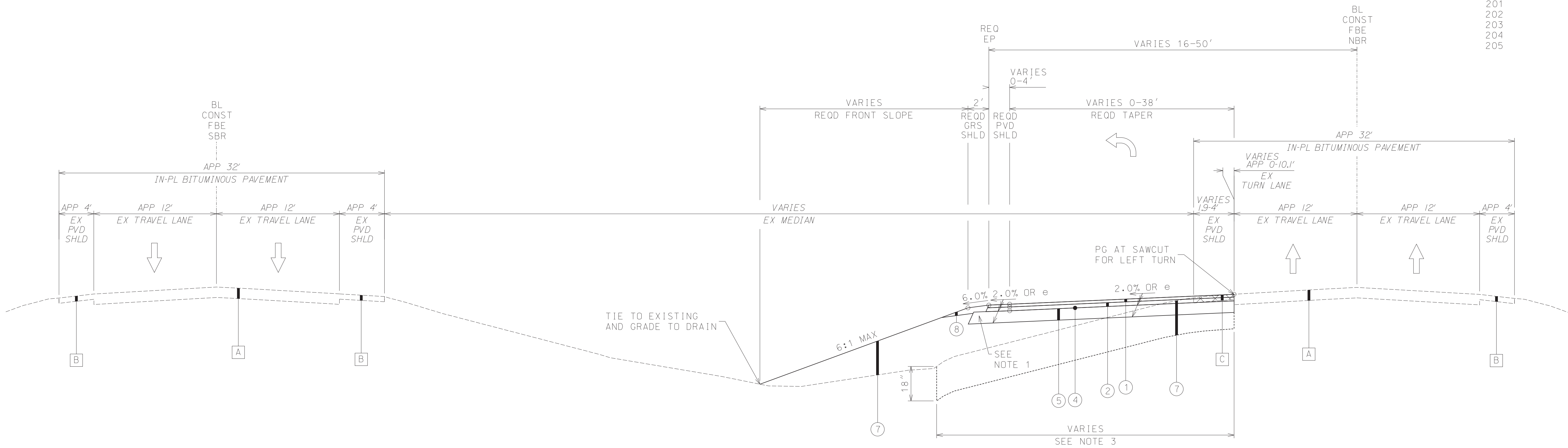
BKI

Chief

Foley

PROJECT NOTES

201
202
203
204
205



TYPICAL SECTION
FOLEY BEACH EXPRESS
NBR OFFSET LEFT TURN
NTS

STA 266+38.50 TO STA 270+94.50, BL CONST FBE NBR

EXISTING MATERIALS LEGEND	
A	IN PLACE: BITUMINOUS PAVEMENT (RETAIN)
B	IN PLACE: BITUMINOUS PAVEMENT (APPROXIMATE THICKNESS: 4.5")(RETAIN APPROXIMATE 4' WIDE PREVIOUS SHOULDER WIDENING)
C	IN PLACE: BITUMINOUS PAVEMENT (APPROXIMATE THICKNESS: 4.5")(REMOVE APPROXIMATE 4' WIDE PREVIOUS SHOULDER WIDENING)
REQUIRED MATERIALS LEGEND	
1	REQD: (424A-360) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 165 LB/SQ YD)
2	REQD: (424B-650) SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
4	REQD: (401A-000) BITUMINOUS TREATMENT A
5	REQD: (301A-012) CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS (EXTEND 12" BEYOND OVERLYING BINDER LAYER)
7	REQD: (210A-000) UNCLASSIFIED EXCAVATION AND/OR (210D-022) BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(0) OR A-4(0))
8	REQD: (650A-000) TOPSOIL (4" MINIMUM THICKNESS)

NOTES:

- PAY ITEM 301A-012 SHOULD EXTEND A MINIMUM OF SIX (6) INCHES BEYOND THE ABOVE BINDER LAYER.
- PAY ITEM 230A-000 SHOULD EXTEND A MINIMUM OF EIGHTEEN (18) INCHES BEYOND THE LIMITS OF THE ABOVE BASE LAYER.
- THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON FBE NBR INSIDE SHOULDER SOUTH OF CR-12 SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF EIGHTEEN (18) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
- THE APPROXIMATELY FOUR (4) FOOT WIDE IN-PLACE PAVED SHOULDERS ON FOLEY BEACH EXPRESS SOUTH OF CR-12 THAT WERE WIDENED UNDER A PREVIOUS PROJECT SHALL BE SAWCUT AND REMOVED ONLY IN AREAS OF REQUIRED WIDENING ON THIS PROJECT.
- SEE PAVING LAYOUTS ON SHEETS 7-8.
- SEE SIGNING AND STRIPING LAYOUTS ON SHEETS 10-11.

SHEET NUMBER	2			
01/31/2020	DATE			
201	202	203	204	205
DATE	SCALE	NTS	SERIES NUMBER	1 OF 3
BALDWIN	FOLEY BEACH EXPRESS	ROUTE	PROJECT NUMBER	08.19.002
DESIGNED	CHECKED	DETAILED	CHECKED	CDW
BY	REVISION OR CHANGE ORDER DESCRIPTION	NO.	DATE	
PROJECT: HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12				
400-3020-5139 INTERSECTIONS ON FOLEY BEACH EXPRESS AT CR-12 & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12				
TYPICAL SECTIONS				
SHEET TITLE				
BKI				

PROJECT NOTES

201

202

203

204



205



NOTES:

1. PAY ITEM 301A-012 SHOULD EXTEND A MINIMUM OF SIX (6) INCHES BEYOND THE ABOVE BINDER LAYER.
2. PAY ITEM 230A-000 SHOULD EXTEND A MINIMUM OF EIGHTEEN (18) INCHES BEYOND THE LIMITS OF THE ABOVE BASE LAYER.
3. THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON FBE NBR INSIDE SHOULDER SOUTH OF CR-12 SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF EIGHTEEN (18) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
4. THE APPROXIMATELY FOUR (4) FOOT WIDE IN-PLACE PAVED SHOULDERS ON FOLEY BEACH EXPRESS SOUTH OF CR-12 THAT WERE WIDENED UNDER A PREVIOUS PROJECT SHALL BE SAWCUT AND REMOVED ONLY IN AREAS OF REQUIRED WIDENING ON THIS PROJECT.
5. SEE PAVING LAYOUTS ON SHEETS 7-8.
6. SEE SIGNING AND STRIPING LAYOUTS ON SHEETS 10-11.

EXISTING MATERIALS LEGEND	
A	IN PLACE: BITUMINOUS PAVEMENT (RETAIN)
REQUIRED MATERIALS LEGEND	
1	REQD: (424A-360) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 165 LB/SQ YD)
2	REQD: (424B-650) SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
4	REQD: (401A-000) BITUMINOUS TREATMENT A
5	REQD: (301A-012) CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS (EXTEND 12" BEYOND OVERLYING BINDER LAYER)
7	REQD: (210A-000) UNCLASSIFIED EXCAVATION AND/OR (210D-022) BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(0) OR A-4(0)
8	REQD: (650A-000) TOPSOIL (4" MINIMUM THICKNESS)

	PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		400-3020-5139 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	DESIGNED	COUNTY	BALDWIN	DATE	01/31/2020	SHEET NUMBER
	TYPICAL SECTIONS							CDW	PROJECT NUMBER	06-19-002	SERIES NUMBER	2 OF 3	2-A



PROJECT NOTES
201
202
203
204

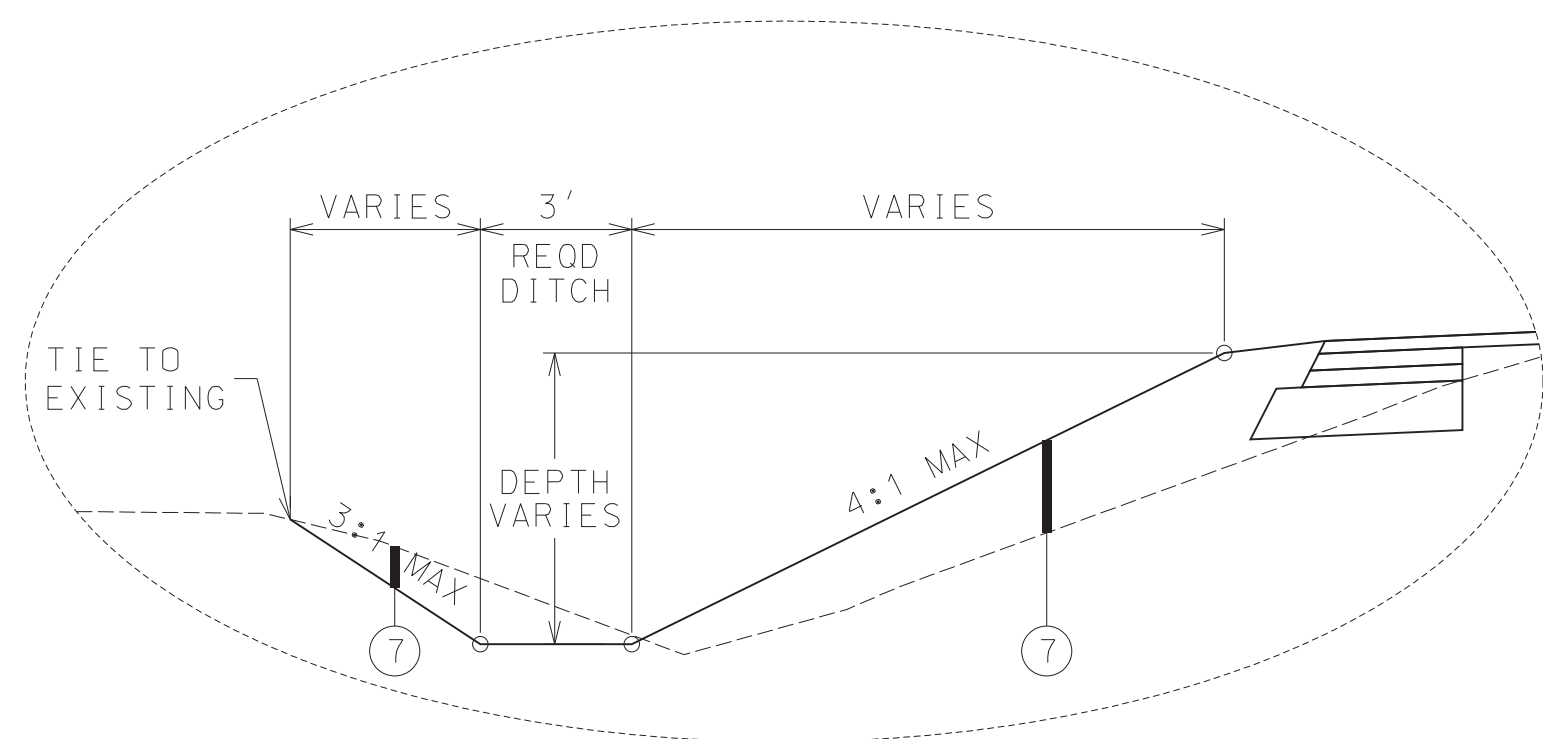


NOTES:

1. PAY ITEM 301A-012 SHOULD EXTEND A MINIMUM OF SIX (6) INCHES BEYOND THE ABOVE BINDER LAYER.
2. PAY ITEM 230A-000 SHOULD EXTEND A MINIMUM OF EIGHTEEN (18) INCHES BEYOND THE LIMITS OF THE ABOVE BASE LAYER.
3. THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON FBE SBR INSIDE SHOULDER NORTH OF CR-12 SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF EIGHTEEN (18) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
4. SEE PAVING LAYOUTS ON SHEETS 7-8.
5. SEE SIGNING AND STRIPING LAYOUTS ON SHEETS 10-11.

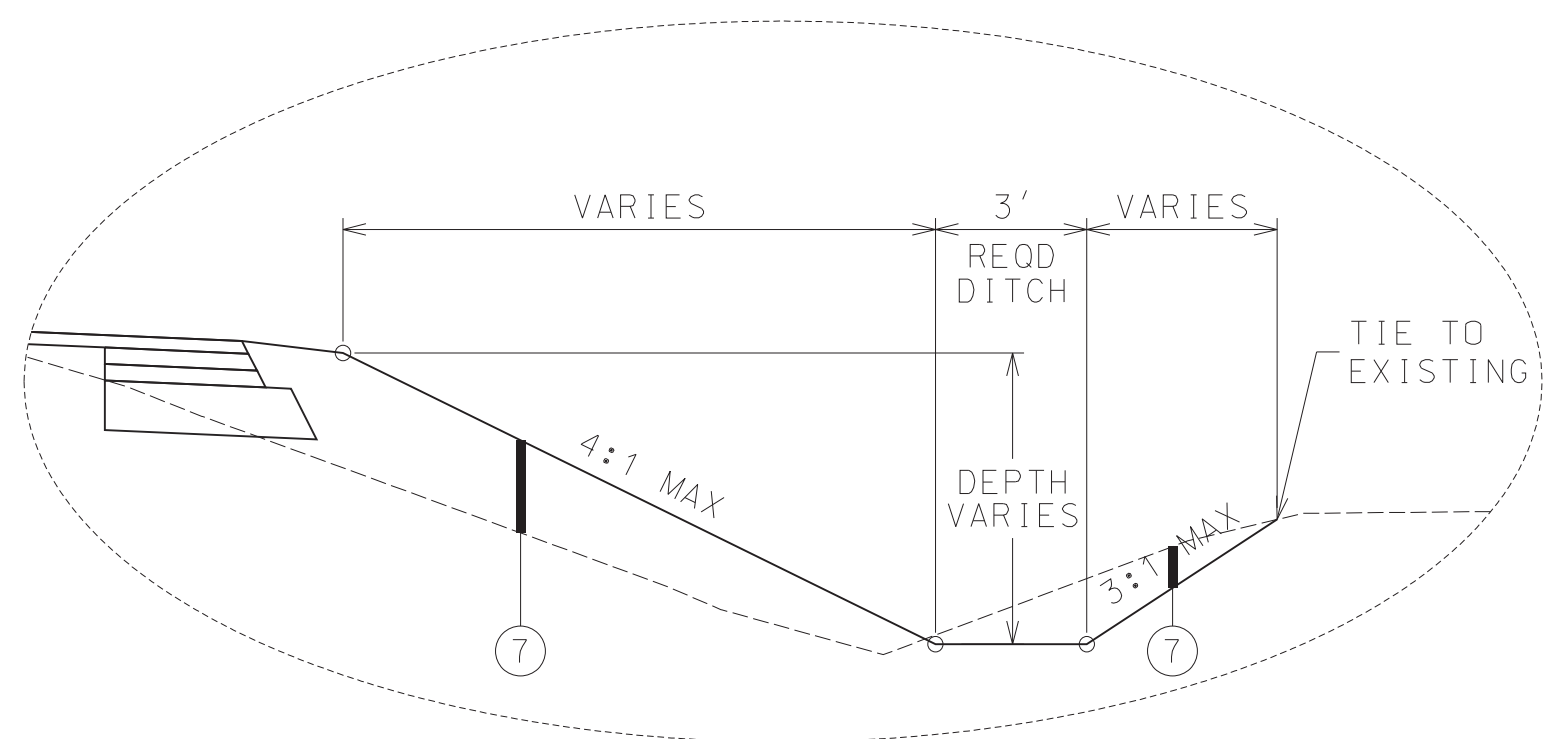
EXISTING MATERIALS LEGEND	
A	IN PLACE: BITUMINOUS PAVEMENT (RETAIN)
REQUIRED MATERIALS LEGEND	
①	REQD: (424A-360) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 165 LB/SQ YD)
②	REQD: (424B-650) SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
④	REQD: (401A-000) BITUMINOUS TREATMENT A
⑤	REQD: (301A-012) CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS (EXTEND 12" BEYOND OVERLYING BINDER LAYER)
⑦	REQD: (210A-000) UNCLASSIFIED EXCAVATION AND/OR (210D-022) BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(O) OR A-4(O)
⑧	REQD: (650A-000) TOPSOIL (4" MINIMUM THICKNESS)

<div></div>	PROJECT	HSP-0219(250)	CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	&	INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	<div></div>															SHEET NUMBER										
																				400-3020-5138										01/31/2020	
																				TYPICAL SECTIONS											
																				NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY								
																				DESIGNED CHECKED	COUNTY	BALDWIN	DATE	01/31/2020							
																				DETAILED CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE	NTS							
																			REVIEWED	CDW	PROJECT NUMBER	OB 19.002	SERIES NUMBER	3 OF 3							



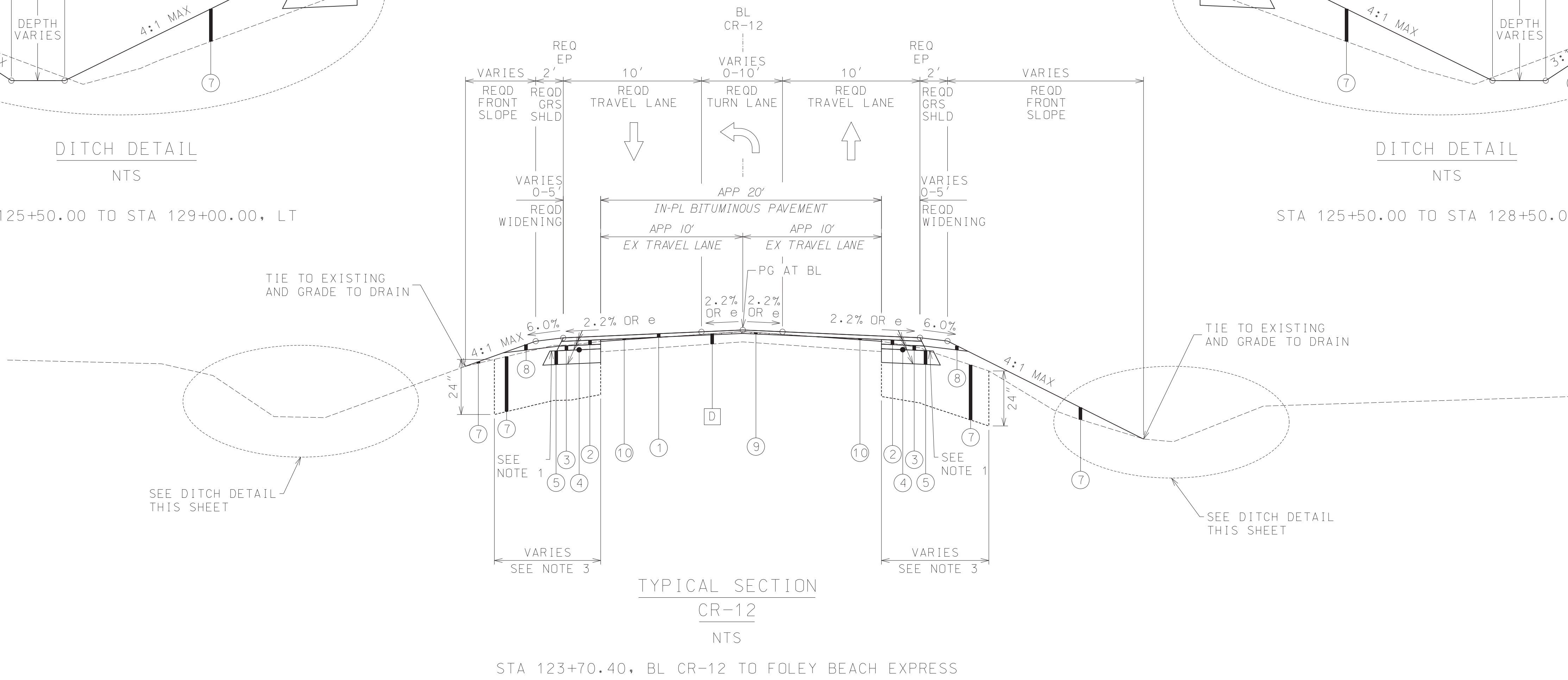
DITCH DETAIL
NTS

STA 125+50.00 TO STA 129+00.00, LT



DITCH DETAIL
NTS

STA 125+50.00 TO STA 128+50.00, RT



PROJECT NOTES

- 201
- 202
- 203
- 204

EXISTING MATERIALS LEGEND	
D	IN PLACE: BITUMINOUS PAVEMENT (APPROXIMATE THICKNESS: 3.5")(RETAIN AND PLANE)
REQUIRED MATERIALS LEGEND	
1	REQD: (424A-360) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 165 LB/SQ YD)
2	REQD: (424B-650) SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
3	REQD: (424B-680) SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
4	REQD: (401A-000) BITUMINOUS TREATMENT A
5	REQD: (301A-012) CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS (EXTEND 12" BEYOND OVERLYING BINDER LAYER)
7	REQD: (210A-000) UNCLASSIFIED EXCAVATION AND/OR (210D-022) BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(0) OR A-4(0)
8	REQD: (650A-000) TOPSOIL (4" MINIMUM THICKNESS)
9	REQD: (408A-051) PLANING EXISTING PAVEMENT (APPROX. 0.00" THRU 1.0" THICK)(PLANING VARIES 0.00" TO 1.00" THICK)
10	REQD: (424A-366) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, LEVELING, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D

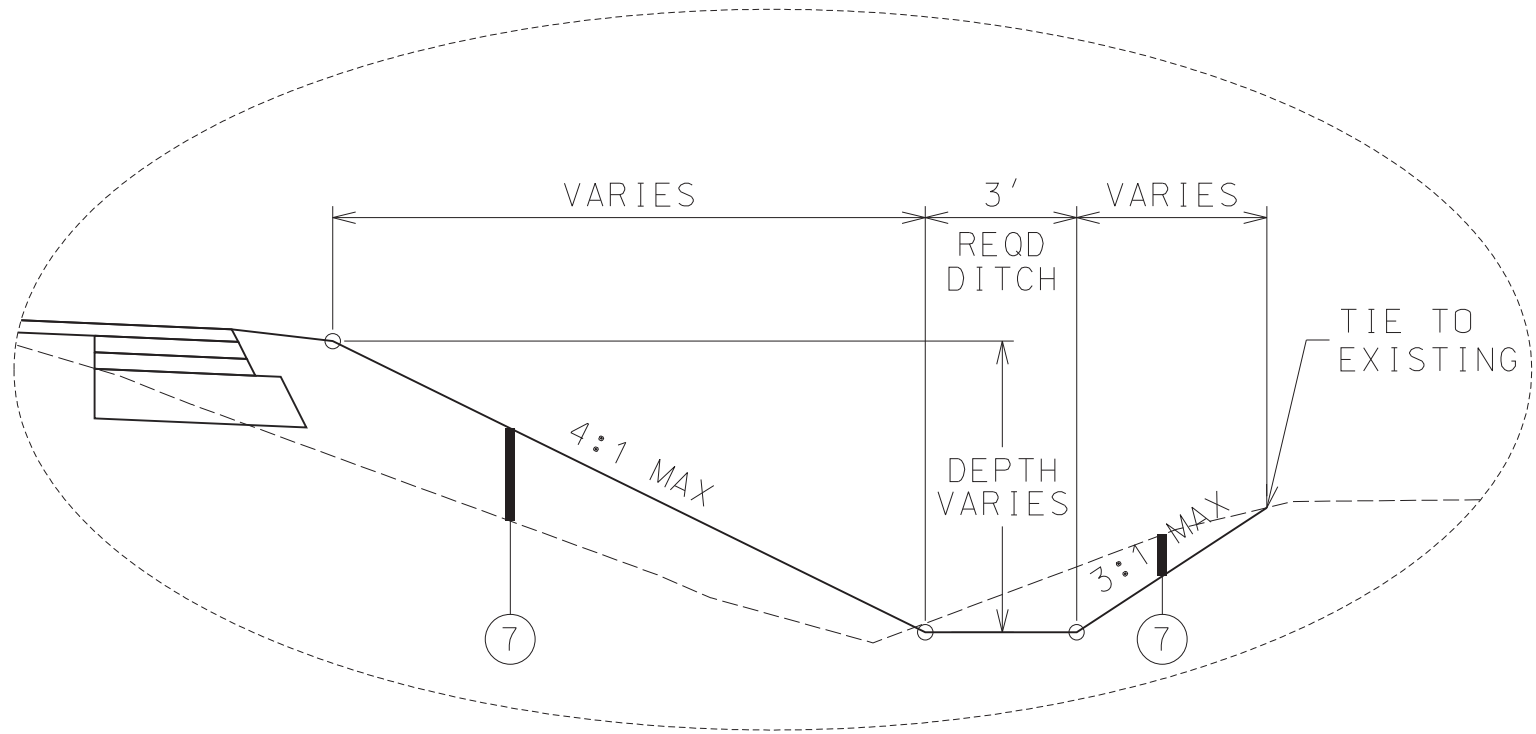
NOTES:

- PAY ITEM 301A-012 SHOULD EXTEND A MINIMUM OF SIX (6) INCHES BEYOND THE ABOVE BINDER LAYER.
- PAY ITEM 230A-000 SHOULD EXTEND A MINIMUM OF EIGHTEEN (18) INCHES BEYOND THE LIMITS OF THE ABOVE BASE LAYER.
- THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON CR-12 WEST OF FOLEY BEACH EXPRESS SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF TWENTY-FOUR (24) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
- SEE PAVING LAYOUTS ON SHEETS 46-47.
- SEE SIGNING AND STRIPING LAYOUTS ON SHEETS 51-52.

SHEET NUMBER		2-C	
01/31/2020	DATE	NTS	1 OF 5
BALDWIN	COUNTY	FOLEY BEACH EXPRESS	ROUTE
CDW	DESIGNED	CDW	REVIEWED
BY	REVISION OR CHANGE ORDER DESCRIPTION	DATE	NO.
PROJECT: HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12			
400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12			
TYPICAL SECTIONS			
BKI			

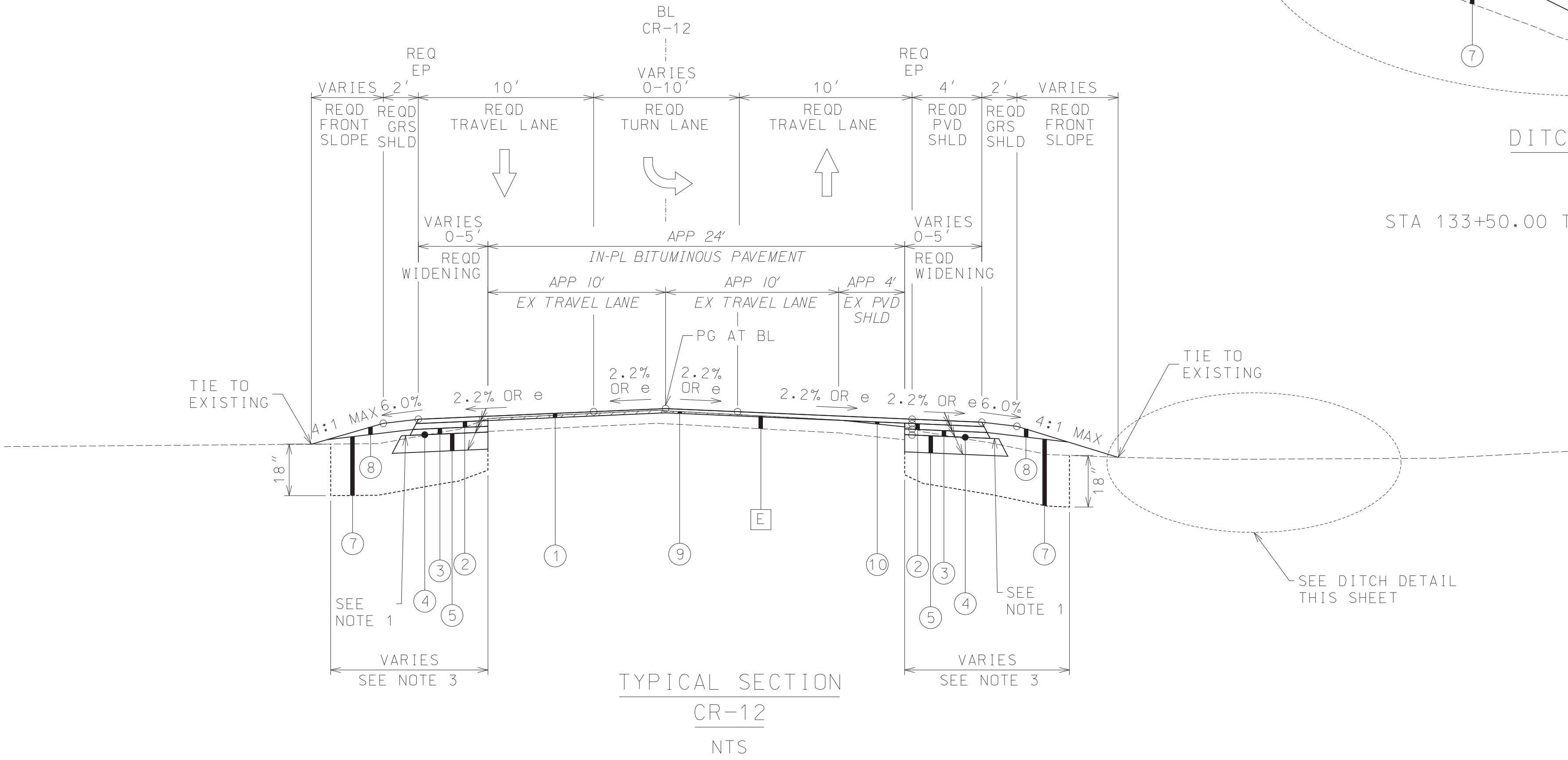
PROJECT NOTES

201
202
203
204



DITCH DETAIL
NTS

STA 133+50.00 TO STA 137+25.00, RT



TYPICAL SECTION
CR-12
NTS

FOLEY BEACH EXPRESS TO STA 137+34.79, BL CR-12

EXISTING MATERIALS LEGEND	
E	IN PLACE: BITUMINOUS PAVEMENT (APPROXIMATE THICKNESS: 5.5") (RETAIN AND PLANE)
REQUIRED MATERIALS LEGEND	
1	REOD: (424A-360) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 165 LB/SQ YD)
2	REOD: (424B-650) SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
3	REOD: (424B-680) SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
4	REOD: (401A-000) BITUMINOUS TREATMENT A
5	REOD: (301A-012) CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS (EXTEND 12" BEYOND OVERLYING BINDER LAYER)
7	REOD: (210A-000) UNCLASSIFIED EXCAVATION AND/OR (210D-022) BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT) (A-2-4(0) OR A-4(0))
8	REOD: (650A-000) TOPSOIL (4" MINIMUM THICKNESS)
9	REOD: (408A-051) PLANING EXISTING PAVEMENT (APPROX. 0.00" THRU 1.0" THICK) (PLANING VARIES 0.00" TO 1.00" THICK)
10	REOD: (424A-366) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, LEVELING, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D

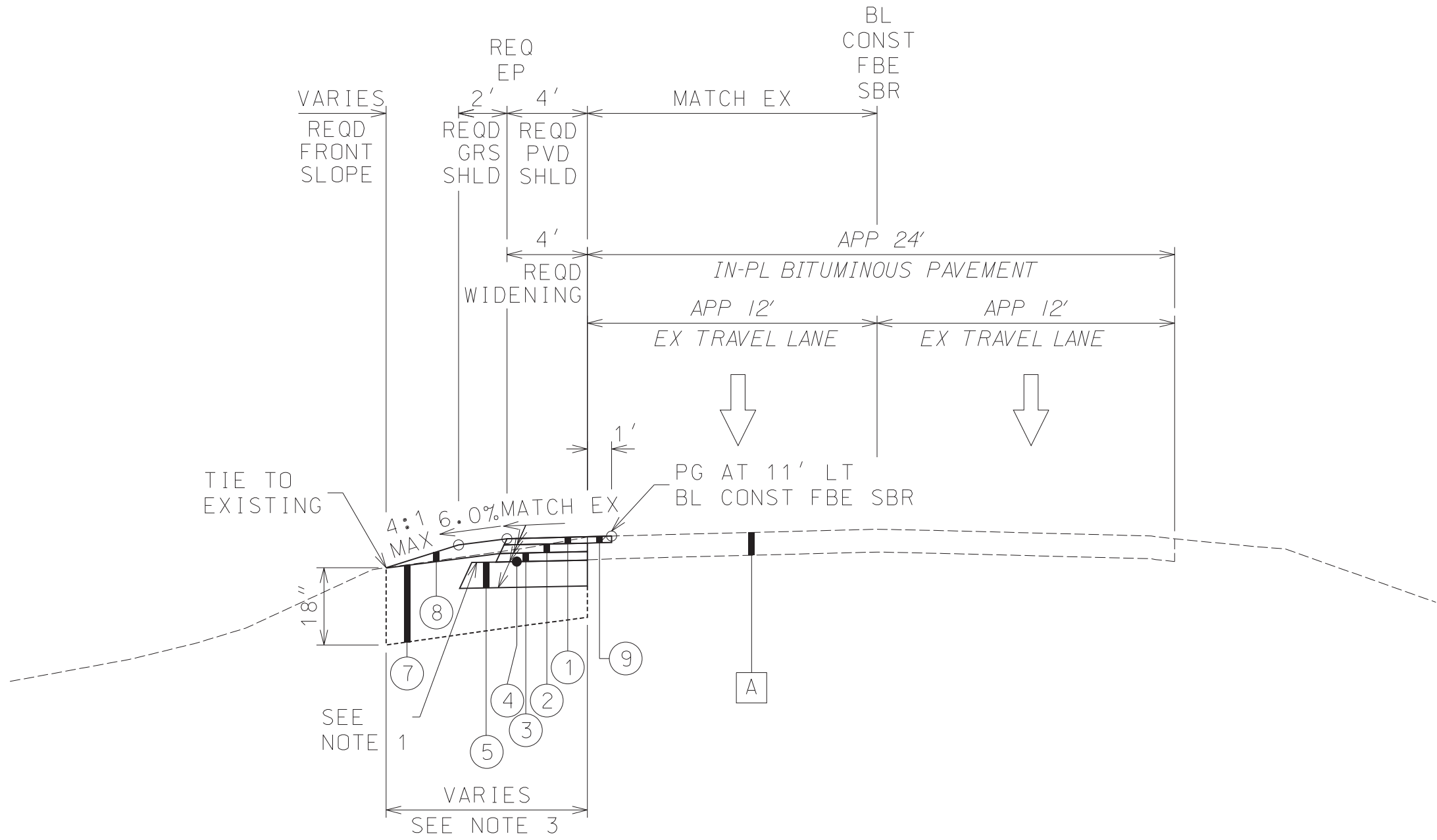
NOTES:

- PAY ITEM 301A-012 SHOULD EXTEND A MINIMUM OF SIX (6) INCHES BEYOND THE ABOVE BINDER LAYER.
- PAY ITEM 230A-000 SHOULD EXTEND A MINIMUM OF EIGHTEEN (18) INCHES BEYOND THE LIMITS OF THE ABOVE BASE LAYER.
- THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON CR-12 EAST OF FOLEY BEACH EXPRESS SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF EIGHTEEN (18) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
- SEE PAVING LAYOUTS ON SHEETS 46-47.
- SEE SIGNING AND STRIPING LAYOUTS ON SHEETS 51-52.

SHEET NUMBER		2-D	
01/31/2020	DATE	01/31/2020	DATE
NTS	SCALE	NTS	SCALE
2 OF 5	SERIES NUMBER	08.19.002	PROJECT NUMBER
BALDWIN	COUNTY	FOLEY BEACH EXPRESS	ROUTE
CDW	DESIGNED	CDW	REVIEWED
BY	REVISION OR CHANGE ORDER DESCRIPTION	DATE	NO.
TYPICAL SECTIONS			
PROJECT: HSP-0219(250) 400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12			
CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12			
SHEET TITLE			
BKI			

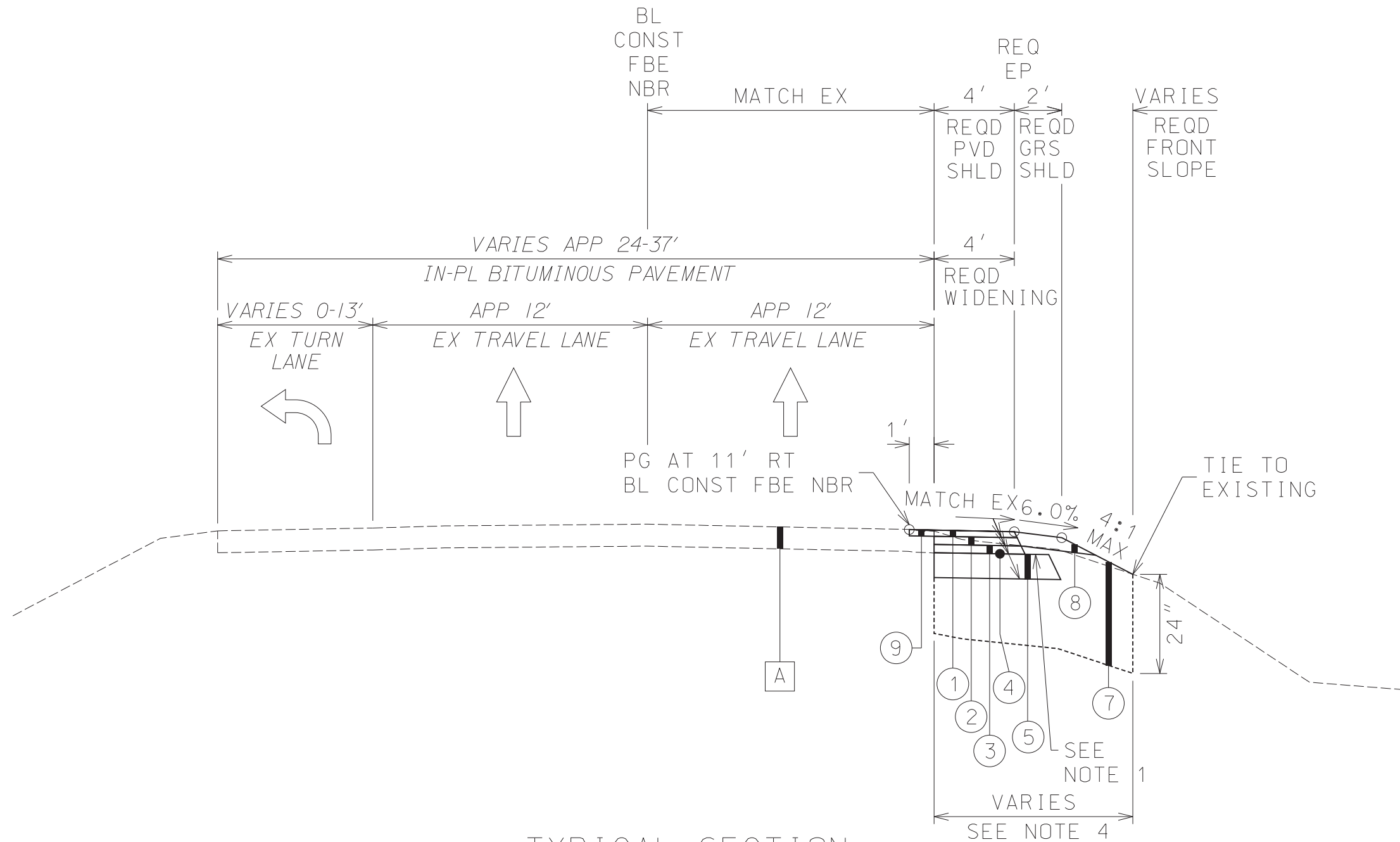
PROJECT NOTES

201
202
203
204



TYPICAL SECTION
FOLEY BEACH EXPRESS
SBR OUTSIDE SHLD WIDENING
NTS

STA 270+78.57, BL CONST FBE SBR TO CR-12



TYPICAL SECTION
FOLEY BEACH EXPRESS
NBR OUTSIDE SHLD WIDENING
NTS

STA 270+90.96, BL CONST FBE NBR TO CR-12

EXISTING MATERIALS LEGEND	
<div>A</div>	IN PLACE: BITUMINOUS PAVEMENT (RETAIN)
REQUIRED MATERIALS LEGEND	
1	REQD: (424A-360) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 165 LB/SQ YD)
2	REQD: (424B-650) SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
3	REQD: (424B-680) SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
4	REQD: (401A-000) BITUMINOUS TREATMENT A
5	REQD: (301A-012) CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS (EXTEND 12" BEYOND OVERLYING BINDER LAYER)
7	REQD: (210A-000) UNCLASSIFIED EXCAVATION AND/OR (210D-022) BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(0) OR A-4(0))
8	REQD: (650A-000) TOPSOIL (4" MINIMUM THICKNESS)
9	REQD: (408A-051) PLANING EXISTING PAVEMENT (APPROX. 0.00" THRU 1.0" THICK)(PLANE 1.50" THICK)

NOTES:

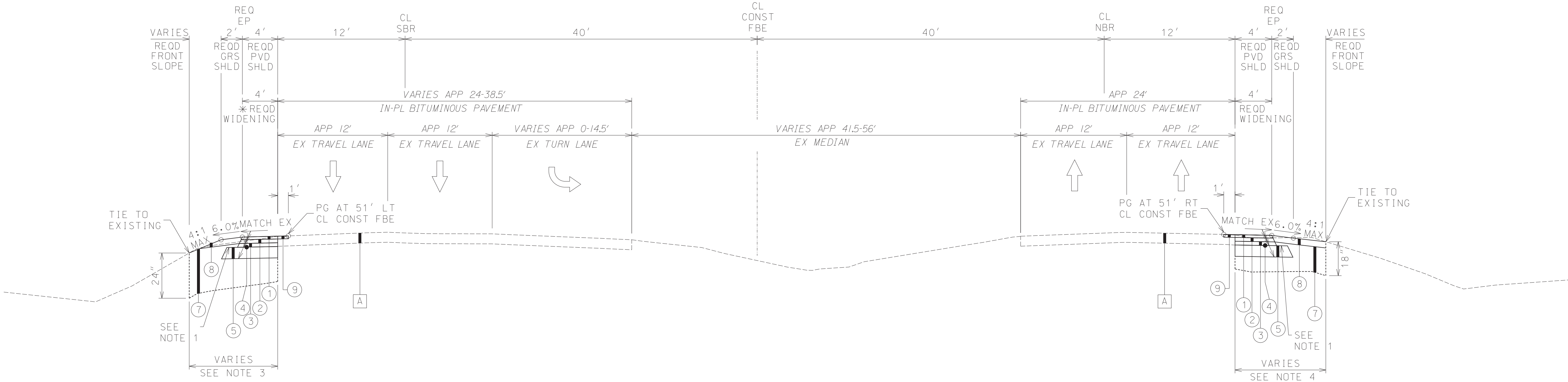
- PAY ITEM 301A-012 SHOULD EXTEND A MINIMUM OF SIX (6) INCHES BEYOND THE ABOVE BINDER LAYER.
- PAY ITEM 230A-000 SHOULD EXTEND A MINIMUM OF EIGHTEEN (18) INCHES BEYOND THE LIMITS OF THE ABOVE BASE LAYER.
- THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON FBE SBR OUTSIDE SHOULDER SOUTH OF CR-12 SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF EIGHTEEN (18) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
- THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON FBE NBR OUTSIDE SHOULDER SOUTH OF CR-12 SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF TWENTY-FOUR (24) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
- SEE PAVING LAYOUTS ON SHEETS 46-47.
- SEE SIGNING AND STRIPING LAYOUTS ON SHEETS 51-52.

SHEET NUMBER	2-E
DATE	01/31/2020
SCALE	NTS
SERIES NUMBER	3 OF 5
BALDWIN	
FOLEY BEACH EXPRESS	
ROUTE	
PROJECT NUMBER	08.19.002
CDW	
DESIGNED	
CHECKED	
DETAILED	
REVIEWED	
BY	
NO.	
DATE	
REVISION OR CHANGE ORDER DESCRIPTION	
<div>City of Foley</div>	
PROJECT 400-3020-5139 CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12 & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	
SHEET TITLE TYPICAL SECTIONS	
<div>BKI</div>	

PROJECT NOTES

201
202
203
204

* NOTE: OUTSIDE SHOULDER WIDENING ON FBE SBR
ENDS AT STA 274+50.67, CL CONST FBE



TYPICAL SECTION
FOLEY BEACH EXPRESS
OUTSIDE SHLD WIDENING

NTS

CR-12 TO STA 274+58.81, CL CONST FBE

EXISTING MATERIALS LEGEND

A IN PLACE: BITUMINOUS PAVEMENT (RETAIN)

REQUIRED MATERIALS LEGEND

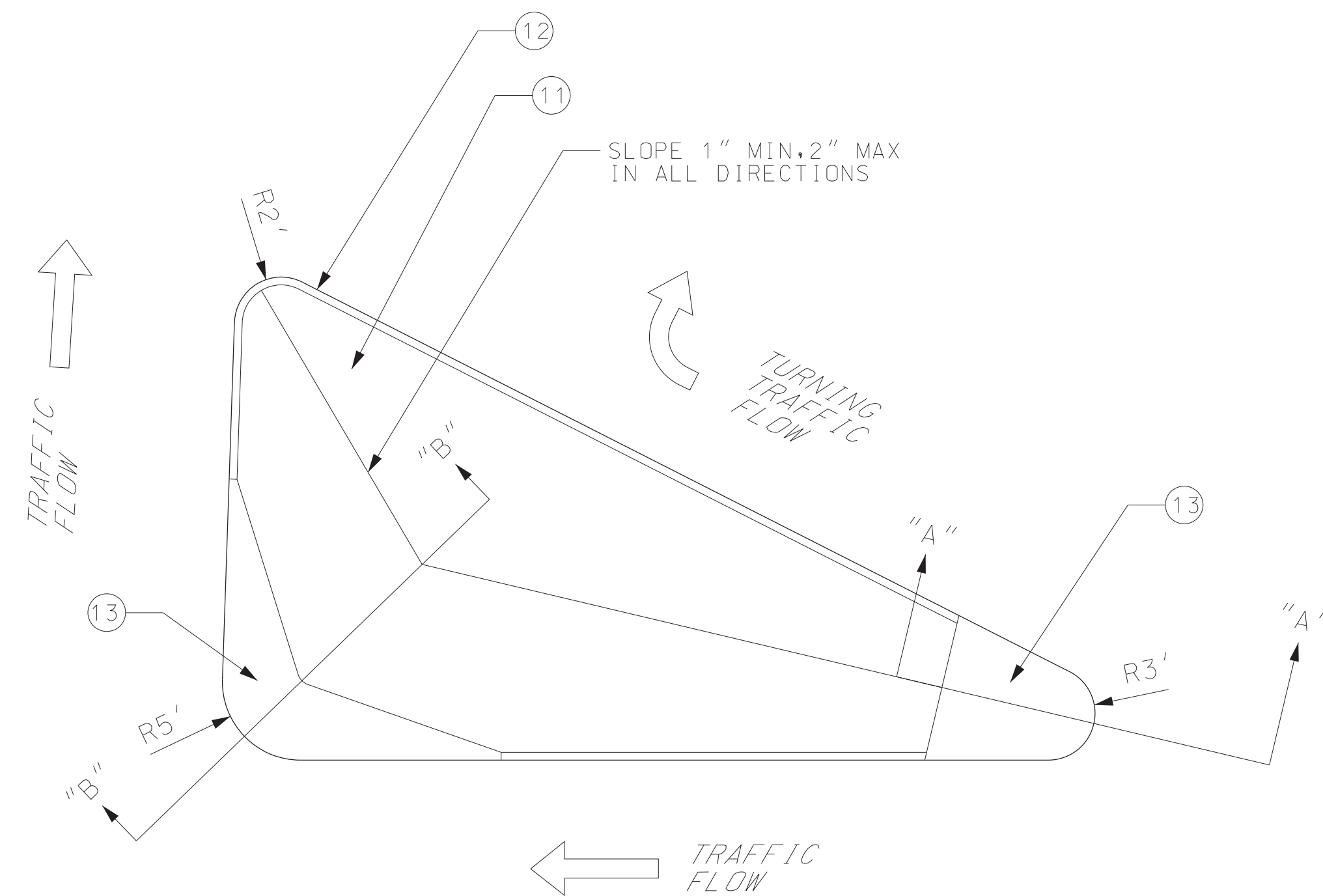
- 1 REQD: (424A-360) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 165 LB/SQ YD)
- 2 REQD: (424B-650) SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
- 3 REQD: (424B-680) SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
- 4 REQD: (401A-000) BITUMINOUS TREATMENT A
- 5 REQD: (301A-012) CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS (EXTEND 12" BEYOND OVERLYING BINDER LAYER)
- 7 REQD: (210A-000) UNCLASSIFIED EXCAVATION AND/OR (210D-022) BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(0) OR A-4(0))
- 8 REQD: (650A-000) TOPSOIL (4" MINIMUM THICKNESS)
- 9 REQD: (408A-051) PLANING EXISTING PAVEMENT (APPROX. 0.00" THRU 1.0" THICK)(PLANE 1.50" THICK)

NOTES:

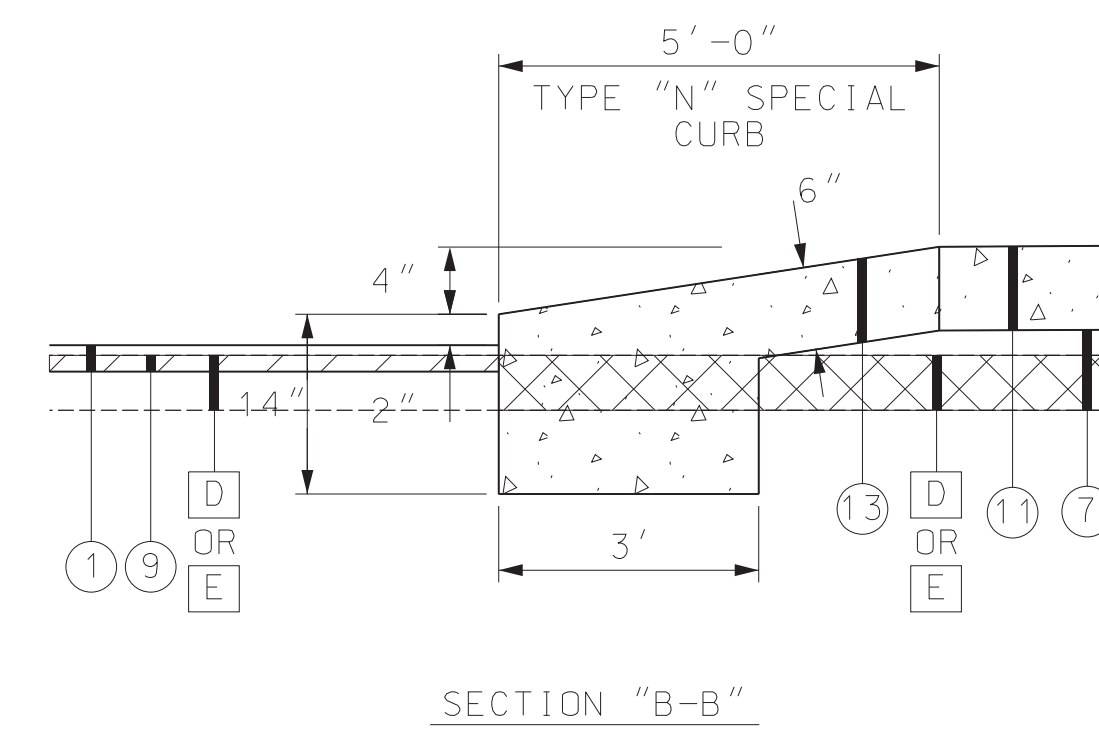
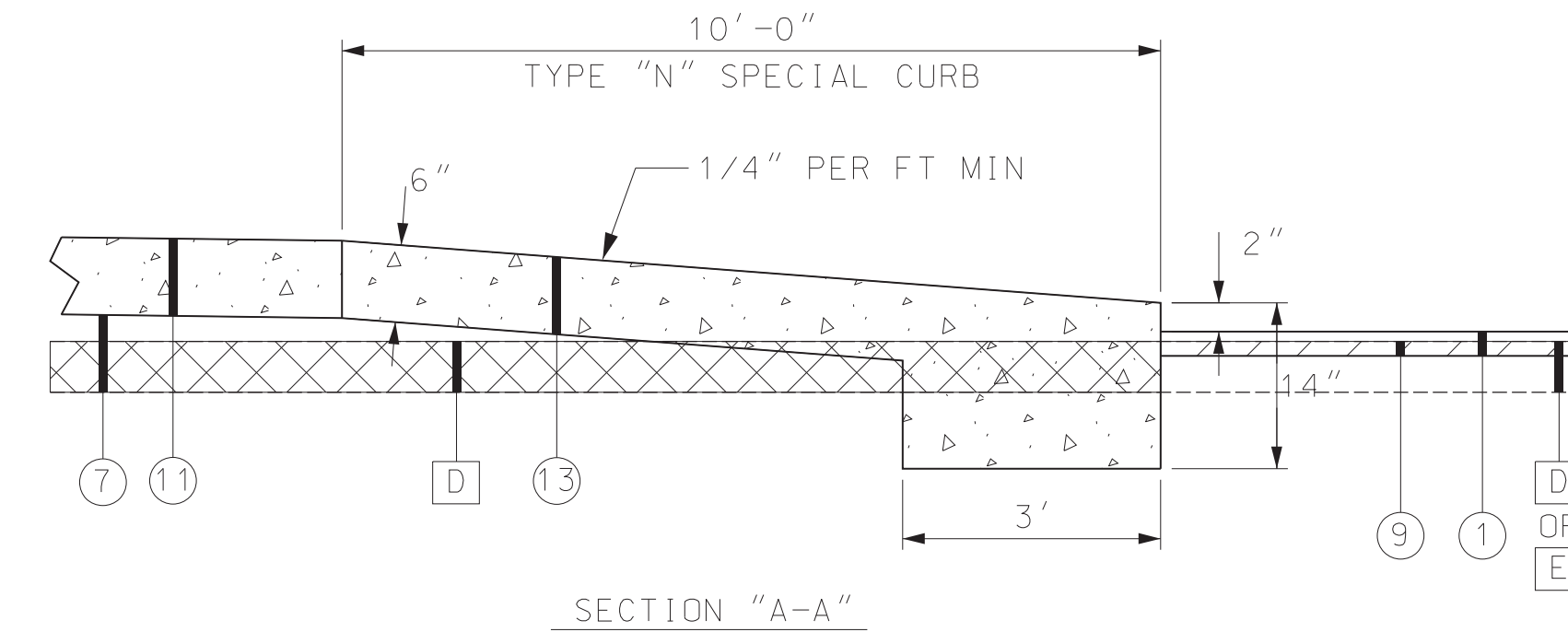
- PAY ITEM 301A-012 SHOULD EXTEND A MINIMUM OF SIX (6) INCHES BEYOND THE ABOVE BINDER LAYER.
- PAY ITEM 230A-000 SHOULD EXTEND A MINIMUM OF EIGHTEEN (18) INCHES BEYOND THE LIMITS OF THE ABOVE BASE LAYER.
- THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON FBE SBR OUTSIDE SHOULDER NORTH OF CR-12 SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF TWENTY-FOUR (24) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
- THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON FBE NBR OUTSIDE SHOULDER NORTH OF CR-12 SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF EIGHTEEN (18) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
- SEE PAVING LAYOUTS ON SHEETS 46-47.
- SEE SIGNING AND STRIPING LAYOUTS ON SHEETS 51-52.

SHEET NUMBER	2-F
DATE	01/31/2020
SCALE	NTS
SERIES NUMBER	4 OF 5
BALDWIN	
FOLEY BEACH EXPRESS	
ROUTE	
PROJECT NUMBER	08.19.002
CDW	
DESIGNED	
CHECKED	
DETAILED	
CHECKED	
REVIEWED	
BY	
NO.	
DATE	
REVISION OR CHANGE ORDER DESCRIPTION	
PROJECT 400-3020-5139 CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	
HSP-0219(250) INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	
TYPICAL SECTIONS	
SHEET TITLE	
BKI	
Foley	

400-3020-5139





DETAILS OF SPECIAL CONCRETE ISLAND FOR SMART CHANNELIZING LANES
(FOR ADDITIONAL DETAILS SEE SPEC DWG 623-N SPEC)



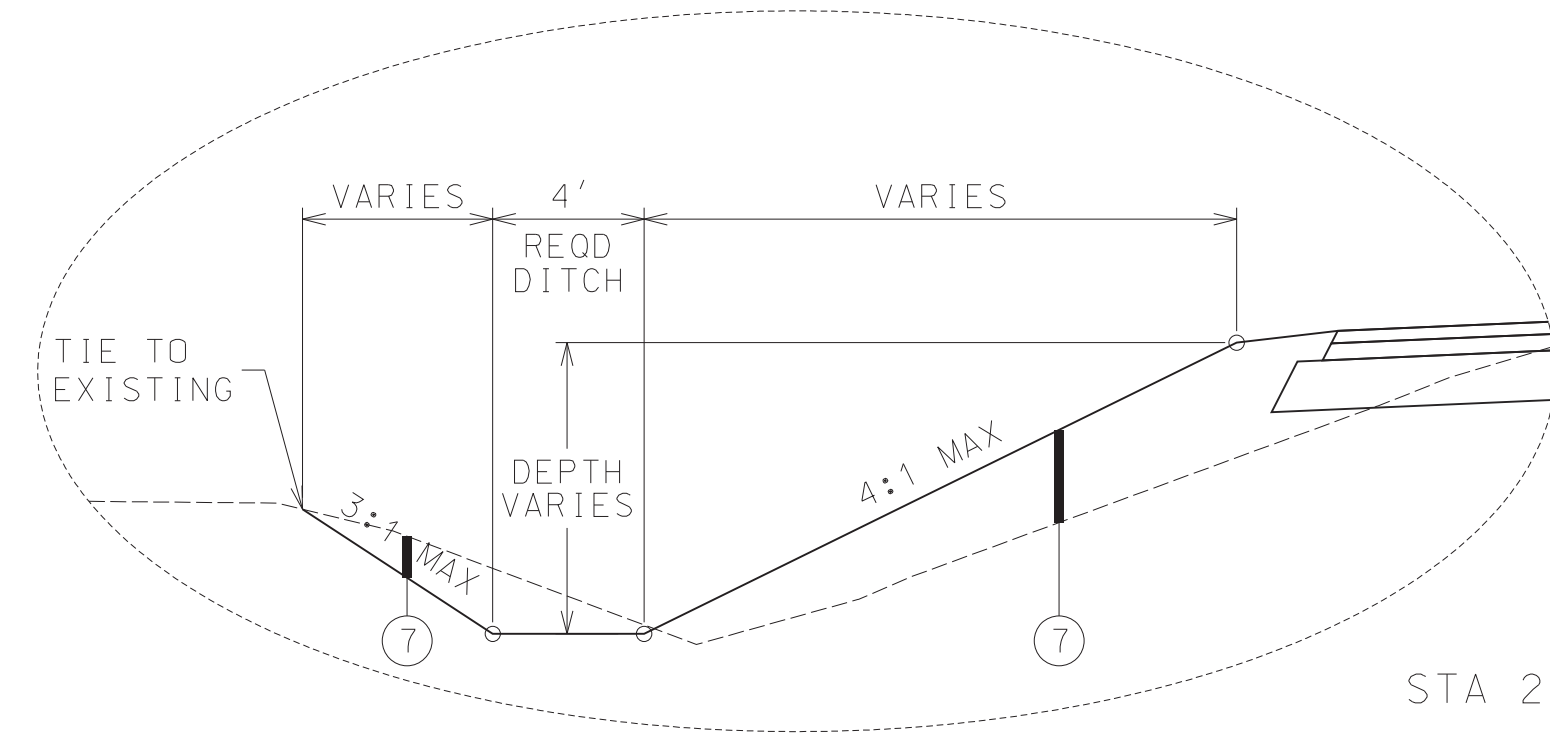
EXISTING MATERIALS LEGEND	
D	IN PLACE: BITUMINOUS PAVEMENT (APPROXIMATE THICKNESS: 4.5")(REMOVE)
E	IN PLACE: BITUMINOUS PAVEMENT (APPROXIMATE THICKNESS: 4.5")(RETAIN, PLANE AND OVERLAY)
REQUIRED MATERIALS LEGEND	
1	REQD: (424A-360) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 165 LB/SQ YD)
7	REQD: (210A-000) UNCLASSIFIED EXCAVATION AND/OR (210D-022) BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(O) OR A-4(O)
9	REQD: (408A-051) PLANING EXISTING PAVEMENT (APPROXIMATELY 0.00" THRU 1.0" THICK)(PLANING VARIES 0.00" TO 1.00" THICK)
11	REQD: (614A-000) SLOPE PAVING
12	REQD: (623B-000) CONCRETE CURB, TYPE N
13	REQD: (623B-001) CONCRETE CURB, TYPE N SPECIAL

NOTES:

1. REMOVAL OF EXISTING ASPHALT PAVEMENT SHALL BE PAID FOR UNDER PAY ITEM 210A.
2. SEE PAVING LAYOUT ON SHEET 47.

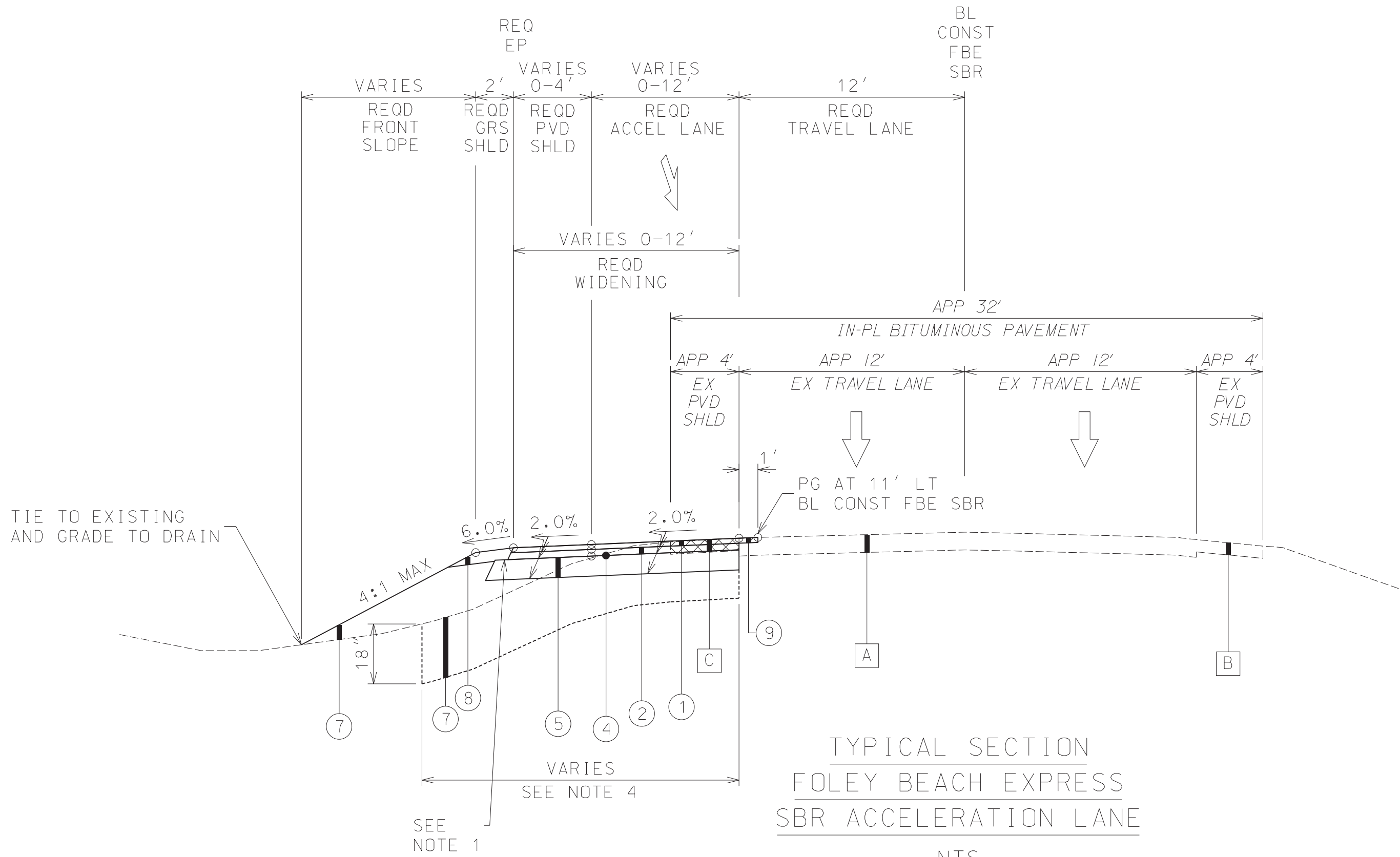
	PROJECT HSRP 0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		400-3020-5139 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	DESIGNED CHECKED	COUNTY	BALDWIN	DATE 01/31/2020	SHEET NUMBER 2-G
	TYPICAL SECTIONS							DETAILED CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE NTS	SERIES NUMBER 5 OF 5

400-3020-5139
ADDITIVE ALTERNATE NO. 1



DITCH DETAIL

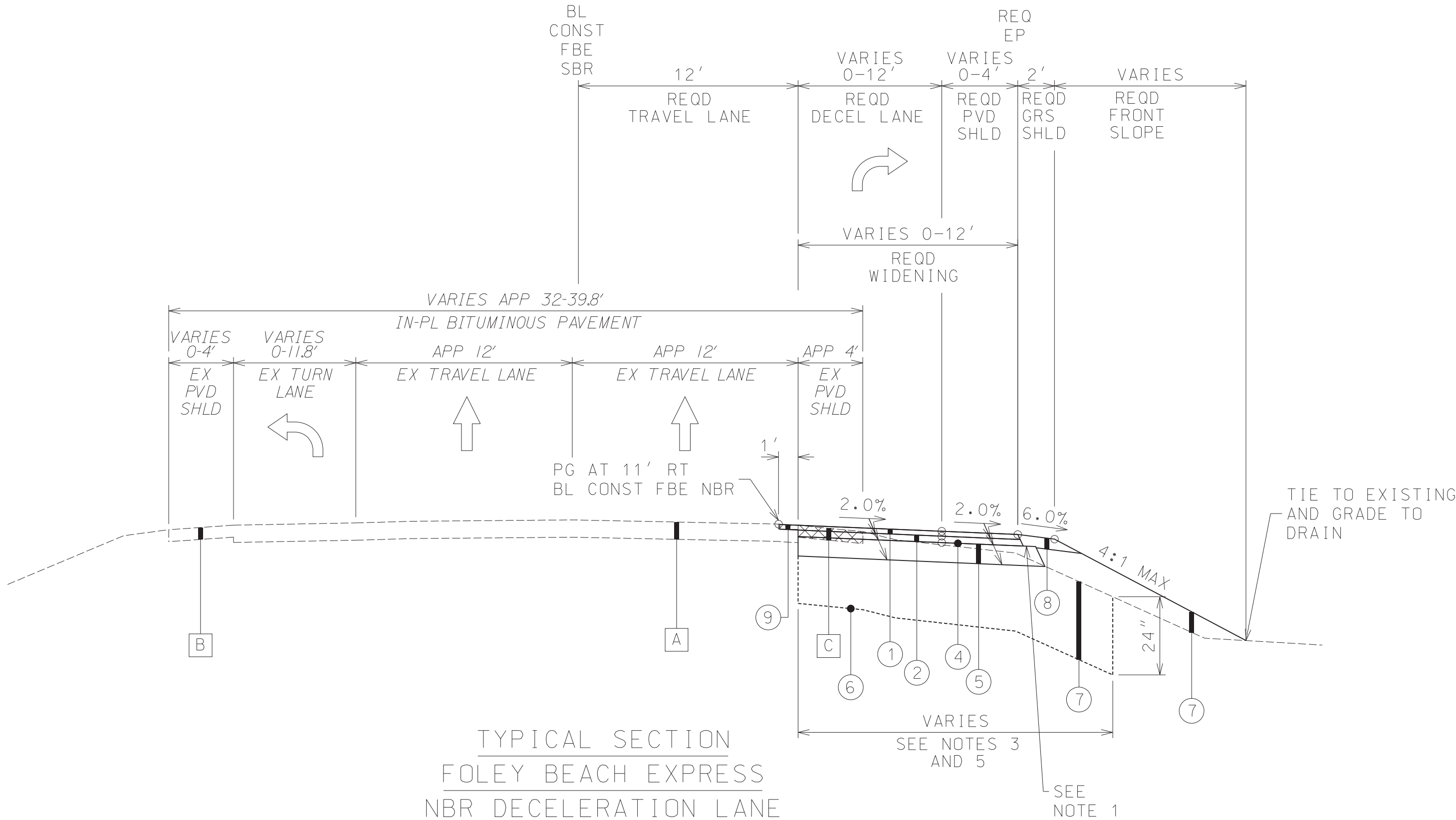
NTS
STA 267+00.00 TO STA 270+00.00, LT



TYPICAL SECTION
FOLEY BEACH EXPRESS
SBR ACCELERATION LANE

NTS

STA 264+67.31 TO STA 270+78.57, BL CONST FBE SBR



TYPICAL SECTION
FOLEY BEACH EXPRESS
NBR DECELERATION LANE

NTS

STA 268+36.65 TO STA 270+90.96, BL CONST FBE NBR



PROJECT NOTES

201
202
203
204

NOTES:

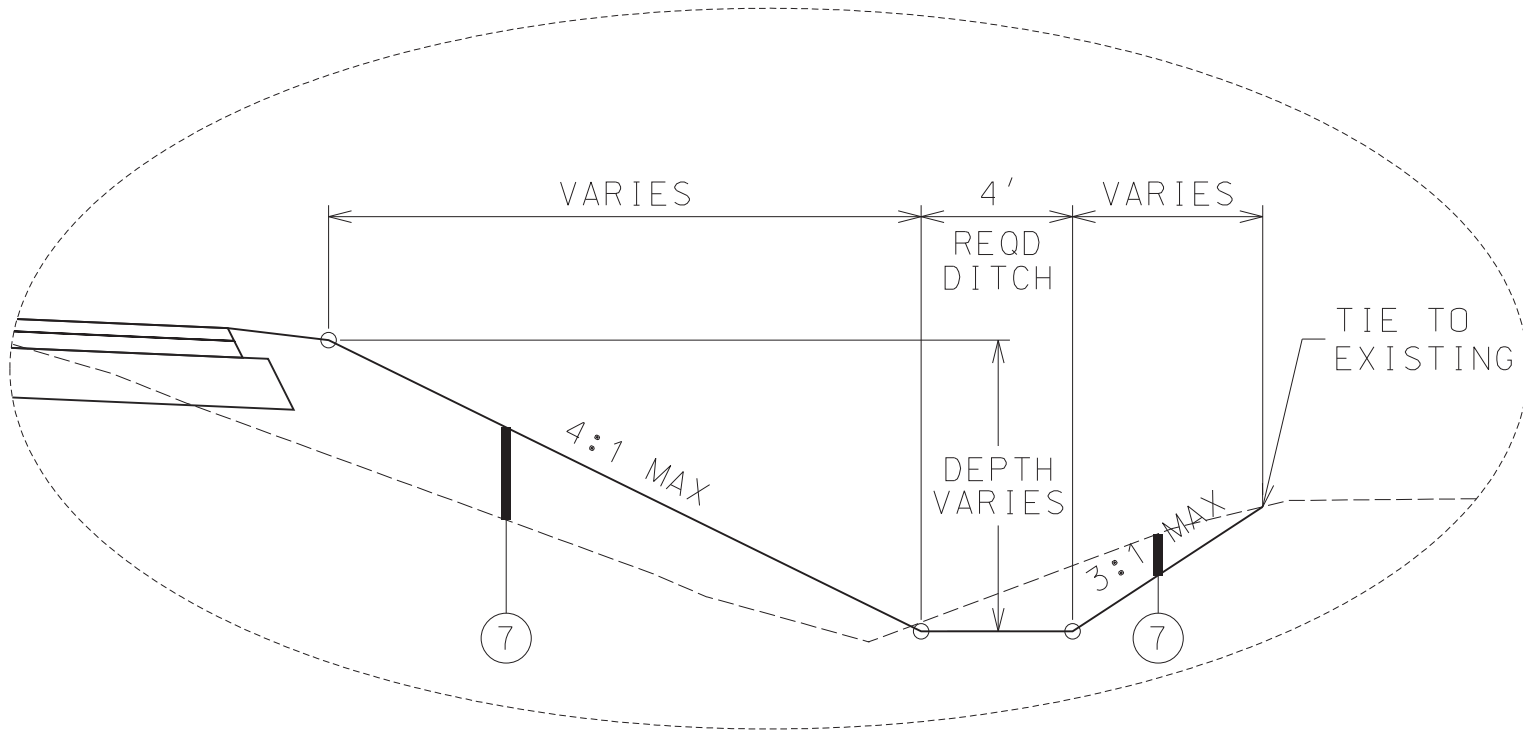
- PAY ITEM 301A-012 SHOULD EXTEND A MINIMUM OF SIX (6) INCHES BEYOND THE ABOVE BINDER LAYER.
- PAY ITEM 230A-000 SHOULD EXTEND A MINIMUM OF EIGHTEEN (18) INCHES BEYOND THE LIMITS OF THE ABOVE BASE LAYER.
- PAY ITEM 243A-006 SHALL BE PLACED AS DIRECTED BY THE ENGINEER ON THE FBE NBR OUTSIDE SHOULDER SOUTH OF CR-12.
- THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON FBE SBR OUTSIDE SHOULDER SOUTH OF CR-12 SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF EIGHTEEN (18) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
- THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON FBE NBR OUTSIDE SHOULDER SOUTH OF CR-12 SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF TWENTY-FOUR (24) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
- THE APPROXIMATELY FOUR (4) FOOT WIDE IN-PLACE PAVED SHOULDERS ON FOLEY BEACH EXPRESS SOUTH OF CR-12 THAT WERE WIDENED UNDER A PREVIOUS PROJECT SHALL BE SAWCUT AND REMOVED ONLY IN AREAS OF REQUIRED WIDENING ON THIS PROJECT.
- SEE PAVING LAYOUTS ON SHEET 49.
- SEE SIGNING AND STRIPING LAYOUTS ON SHEET 54.

EXISTING MATERIALS LEGEND	
A	IN PLACE: BITUMINOUS PAVEMENT (RETAIN)
B	IN PLACE: BITUMINOUS PAVEMENT (APPROXIMATE THICKNESS: 4.5") (RETAIN APPROXIMATE 4' WIDE PREVIOUS SHOULDER WIDENING)
C	IN PLACE: BITUMINOUS PAVEMENT (APPROXIMATE THICKNESS: 4.5") (REMOVE APPROXIMATE 4' WIDE PREVIOUS SHOULDER WIDENING)
REQUIRED MATERIALS LEGEND	
1	REQD: (424A-360) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 165 LB/SQ YD)
2	REQD: (424B-650) SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
3	REQD: (424B-680) SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
4	REQD: (401A-000) BITUMINOUS TREATMENT A
5	REQD: (301A-012) CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS (EXTEND 12" BEYOND OVERLYING BINDER LAYER)
6	REQD: (243A-006) GEOSYNTHETIC REINFORCEMENT FOR SOFT SOIL STABILIZATION, TYPE 3
7	REQD: (210A-000) UNCLASSIFIED EXCAVATION AND/OR (210D-022) BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT) (A-2-4(0) OR A-4(0))
8	REQD: (650A-000) TOPSOIL (4" MINIMUM THICKNESS)
9	REQD: (408A-051) PLANING EXISTING PAVEMENT (APPROX. 0.00" THRU 1.0" THICK) (PLANE 1.50" THICK)

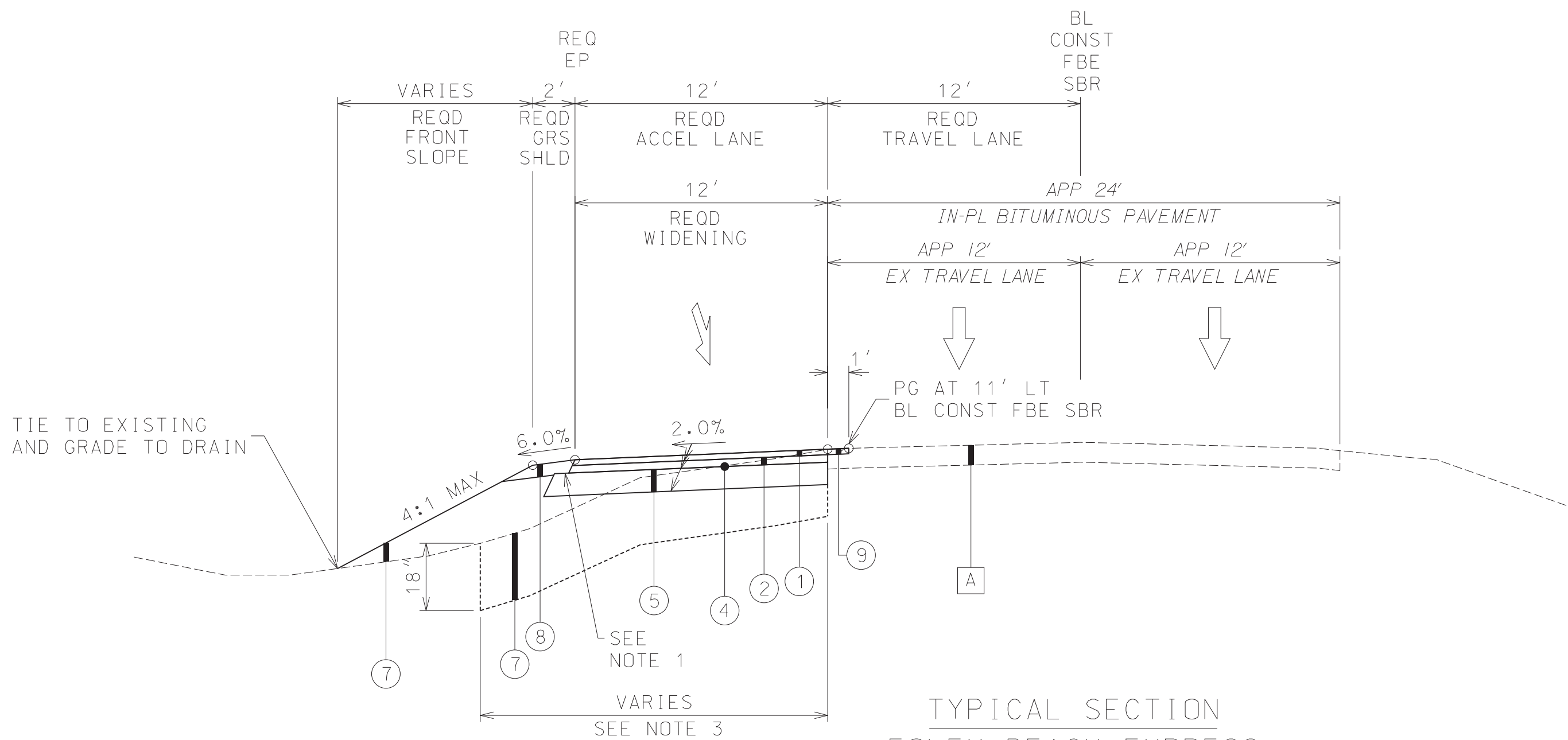
SHEET NUMBER	2-H
DATE	01/31/2020
SCALE	NTS
SERIES NUMBER	1 OF 4
COUNTY	BALDWIN
ROUTE	FOLEY BEACH EXPRESS
PROJECT NUMBER	08.19.002
DESIGNED	CHECKED
DETAILED	CHECKED
REVIEWED	CDW
BY	
DATE	
NO.	
REVISION OR CHANGE ORDER DESCRIPTION	
	
PROJECT: 400-3020-5139 HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12 & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	
TYPICAL SECTIONS	
	

400-3020-5139
ADDITIVE ALTERNATE NO. 1

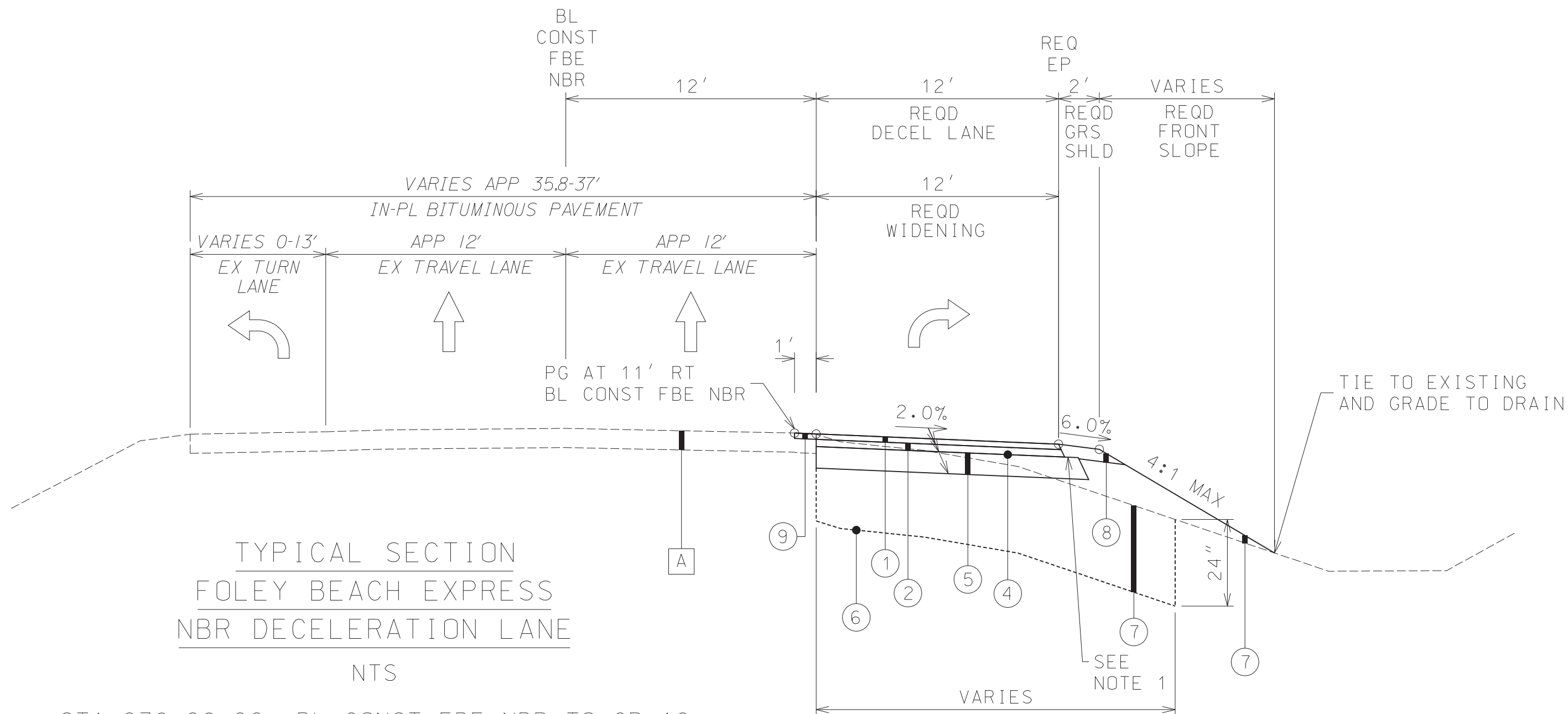
PROJECT NOTES
201
202
203
204



DITCH DETAIL
NTS
STA 271+50.00 TO STA 272+50.00, RT



TYPICAL SECTION
FOLEY BEACH EXPRESS
SBR ACCELERATION LANE
NTS
STA 270+78.57, BL CONST FBE SBR TO CR-12



TYPICAL SECTION
FOLEY BEACH EXPRESS
NBR DECELERATION LANE
NTS
STA 270+90.96, BL CONST FBE NBR TO CR-12

NOTES:

1. PAY ITEM 301A-012 SHOULD EXTEND A MINIMUM OF SIX (6) INCHES BEYOND THE ABOVE BINDER LAYER.
2. PAY ITEM 230A-000 SHOULD EXTEND A MINIMUM OF EIGHTEEN (18) INCHES BEYOND THE LIMITS OF THE ABOVE BASE LAYER.
3. PAY ITEM 243A-006 SHALL BE PLACED AS DIRECTED BY THE ENGINEER ON THE FBE NBR OUTSIDE SHOULDER SOUTH OF CR-12.
4. THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON FBE SBR OUTSIDE SHOULDER SOUTH OF CR-12 SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF EIGHTEEN (18) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
5. THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON FBE NBR OUTSIDE SHOULDER SOUTH OF CR-12 SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF TWENTY-FOUR (24) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
6. THE APPROXIMATELY FOUR (4) FOOT WIDE IN-PLACE PAVED SHOULDERS ON FOLEY BEACH EXPRESS SOUTH OF CR-12 THAT WERE WIDENED UNDER A PREVIOUS PROJECT SHALL BE SAWCUT AND REMOVED ONLY IN AREAS OF REQUIRED WIDENING ON THIS PROJECT.
7. SEE PAVING LAYOUTS ON SHEET 49.
8. SEE SIGNING AND STRIPING LAYOUTS ON SHEET 54.

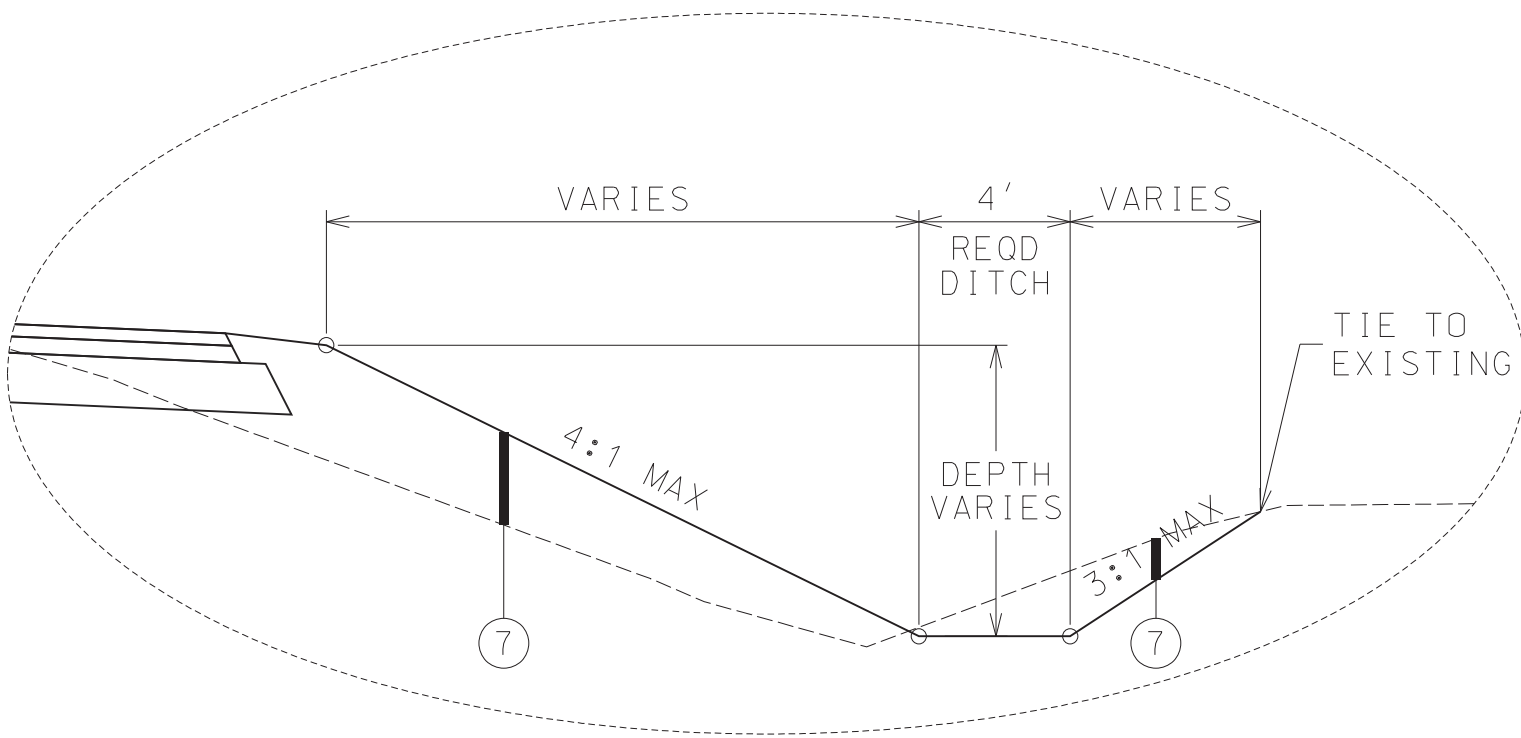
EXISTING MATERIALS LEGEND	
<div>A</div>	IN PLACE: BITUMINOUS PAVEMENT (RETAIN)
REQUIRED MATERIALS LEGEND	
1	REQD: (424A-360) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 165 LB/SQ YD)
2	REQD: (424B-650) SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
3	REQD: (424B-680) SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
4	REQD: (401A-000) BITUMINOUS TREATMENT A
5	REQD: (301A-012) CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS (EXTEND 12" BEYOND OVERLYING BINDER LAYER)
6	REQD: (243A-006) GEOSYNTHETIC REINFORCEMENT FOR SOFT SOIL STABILIZATION, TYPE 3
7	REQD: (210A-000) UNCLASSIFIED EXCAVATION AND/OR (210D-022) BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(0) OR A-4(0))
8	REQD: (650A-000) TOPSOIL (4" MINIMUM THICKNESS)
9	REQD: (408A-051) PLANING EXISTING PAVEMENT (APPROX. 0.00" THRU 1.0" THICK)(PLANE 1.50" THICK)

SHEET NUMBER	2-I
DATE	01/31/2020
SCALE	NTS
SERIES NUMBER	2 OF 4
BALDWIN	
COUNTY	
ROUTE	
PROJECT NUMBER	08.19.002
DESIGNED	
CHECKED	
DETAILED	
CHECKED	
REVIEWED	CDW
BY	
REVISION OR CHANGE ORDER DESCRIPTION	
NO.	
DATE	
<div><div><div>City of</div><div>Foley</div></div></div>	
PROJECT 400-3020-5139 HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12 & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	
TYPICAL SECTIONS	
<div><div><div>BKI</div></div></div>	

400-3020-5139
ADDITIVE ALTERNATE NO. 1

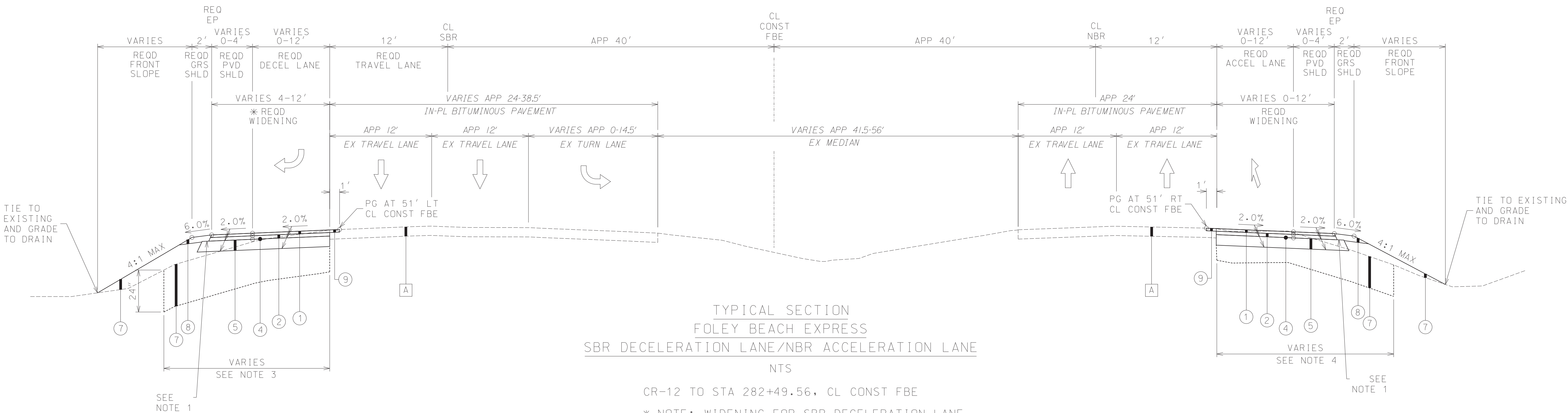
PROJECT NOTES

201
202
203
204



DITCH DETAIL

NTS
STA 274+75.00 TO STA 279+50.00, RT



CR-12 TO STA 282+49.56, CL CONST FBE

* NOTE: WIDENING FOR SBR DECELERATION LANE
ENDS AT STA 278+80.70, CL CONST FBE

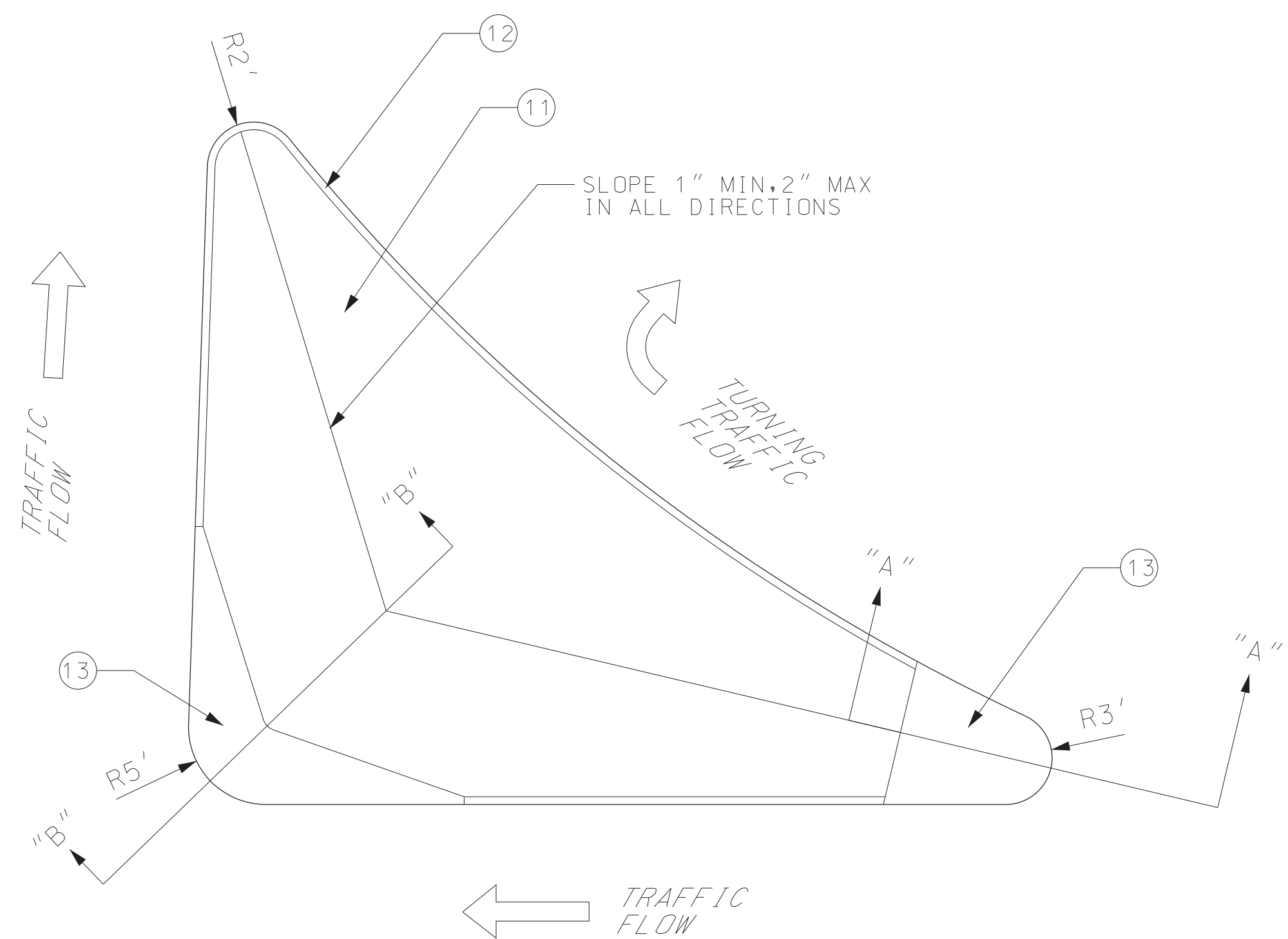
NOTES:

- PAY ITEM 301A-012 SHOULD EXTEND A MINIMUM OF SIX (6) INCHES BEYOND THE ABOVE BINDER LAYER.
- PAY ITEM 230A-000 SHOULD EXTEND A MINIMUM OF EIGHTEEN (18) INCHES BEYOND THE LIMITS OF THE ABOVE BASE LAYER.
- THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON FBE SBR OUTSIDE SHOULDER NORTH OF CR-12 SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF TWENTY-FOUR (24) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
- THE IN-PLACE TOPSOIL AND NEAR-SURFACE LOOSE SOILS LOCATED BELOW NEW PAVEMENT SECTIONS ON FBE NBR OUTSIDE SHOULDER NORTH OF CR-12 SHOULD BE REMOVED BY UNDERCUTTING TO A MINIMUM DEPTH OF EIGHTEEN (18) INCHES BELOW EXISTING GROUND AND EXTENDING FIVE (5) FEET HORIZONTALLY BEYOND THE REQUIRED EDGE OF PAVED SHOULDER.
- SEE PAVING LAYOUTS ON SHEETS 49-50.
- SEE SIGNING AND STRIPING LAYOUTS ON SHEETS 54-55.

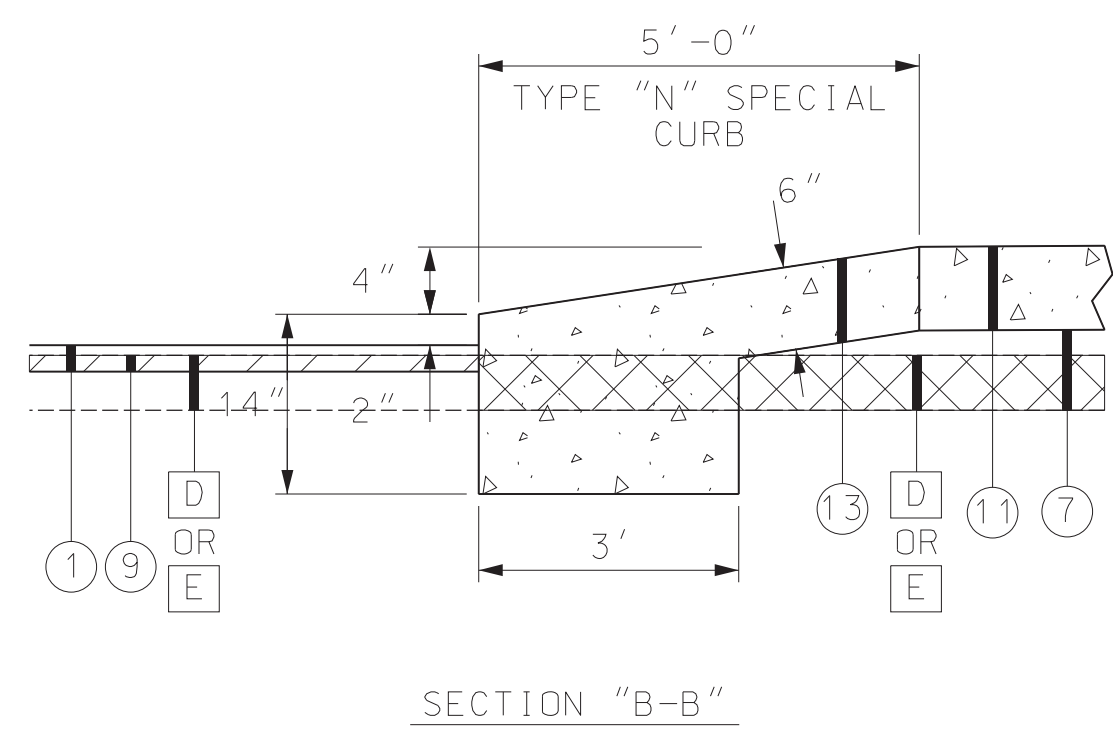
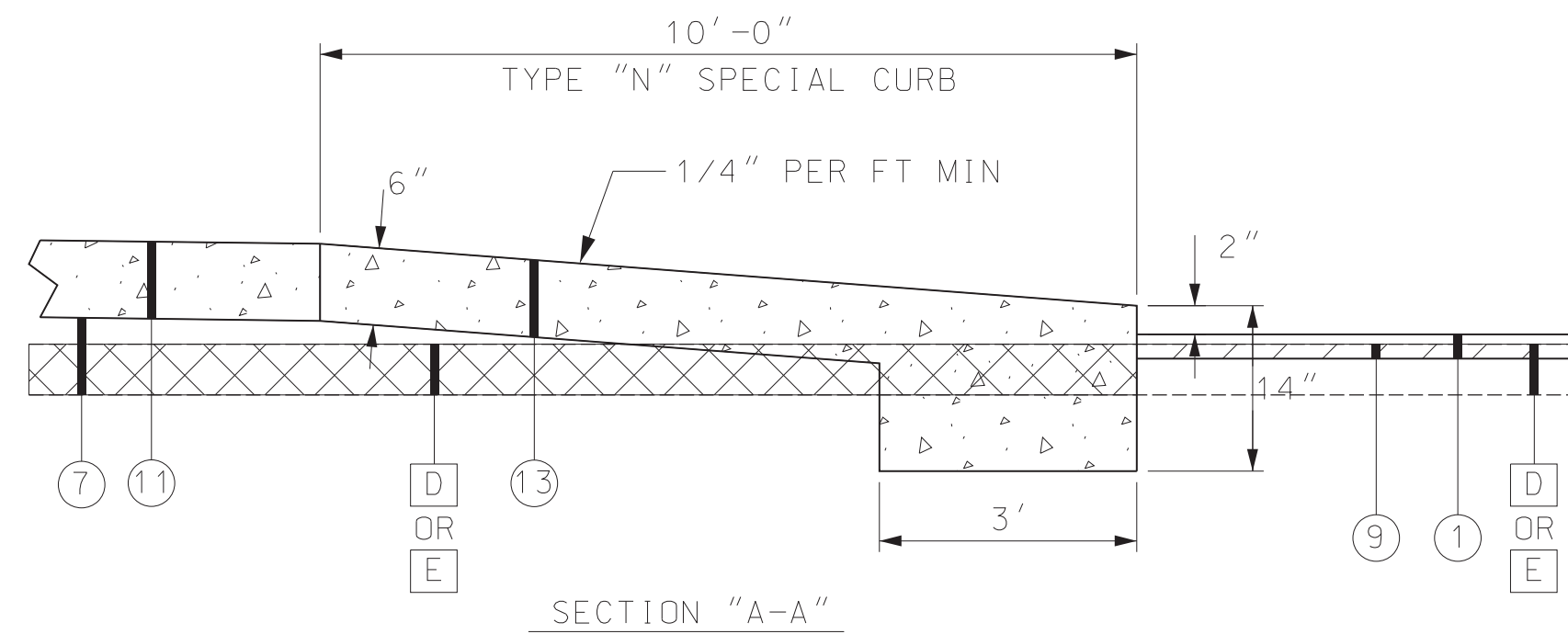
EXISTING MATERIALS LEGEND	
<div>A</div>	IN PLACE: BITUMINOUS PAVEMENT (RETAIN)
REQUIRED MATERIALS LEGEND	
<div>1</div>	REQD: (424A-360) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 165 LB/SQ YD)
<div>2</div>	REQD: (424B-650) SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
<div>3</div>	REQD: (424B-680) SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 220 LB/SQ YD)
<div>4</div>	REQD: (401A-000) BITUMINOUS TREATMENT A
<div>5</div>	REQD: (301A-012) CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS (EXTEND 12" BEYOND OVERLYING BINDER LAYER)
<div>7</div>	REQD: (210A-000) UNCLASSIFIED EXCAVATION AND/OR (210D-022) BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(0) OR A-4(0)
<div>8</div>	REQD: (650A-000) TOPSOIL (4" MINIMUM THICKNESS)
<div>9</div>	REQD: (408A-051) PLANING EXISTING PAVEMENT (APPROX. 0.00" THRU 1.0" THICK)(PLANE 1.50" THICK)

SHEET NUMBER	2-J
DATE	01/31/2020
SCALE	NTS
SERIES NUMBER	3 OF 4
COUNTY	BALDWIN
ROUTE	FOLEY BEACH EXPRESS
PROJECT NUMBER	08.19.002
DESIGNED	
CHECKED	
DETAILED	
REVIEWED	CDW
BY	
DATE	
NO.	
REVISION OR CHANGE ORDER DESCRIPTION	
PROJECT 400-3020-5139 HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12 & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	
TYPICAL SECTIONS	

400-3020-5139
ADDITIVE ALTERNATE NO. 1



DETAILS OF TYPICAL CONCRETE ISLAND FOR CHANNELIZING LANES
(FOR ADDITIONAL DETAILS SEE SPEC DWG 623-N SPEC)



EXISTING MATERIALS LEGEND	
D	IN PLACE: BITUMINOUS PAVEMENT (APPROXIMATE THICKNESS: 4.5\"/>
E	IN PLACE: BITUMINOUS PAVEMENT (APPROXIMATE THICKNESS: 4.5\"/>
REQUIRED MATERIALS LEGEND	
1	REOD: (424A-360) SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2\"/>
7	REOD: (210A-000) UNCLASSIFIED EXCAVATION AND/OR (210D-022) BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(0) OR A-4(0))
9	REOD: (408A-051) PLANING EXISTING PAVEMENT (APPROXIMATELY 0.00\"/>
11	REOD: (614A-000) SLOPE PAVING
12	REOD: (623B-000) CONCRETE CURB, TYPE N
13	REOD: (623B-001) CONCRETE CURB, TYPE N SPECIAL

NOTES:

1. REMOVAL OF EXISTING ASPHALT PAVEMENT SHALL BE PAID FOR UNDER PAY ITEM 210A.
2. SEE PAVING LAYOUT ON SHEET 49.

SHEET NUMBER		2-K	
01/31/2020	DATE	01/31/2020	DATE
NTS	SCALE	NTS	SCALE
4 OF 4	SERIES NUMBER	4 OF 4	SERIES NUMBER
BALDWIN	COUNTY	BALDWIN	COUNTY
FOLEY BEACH EXPRESS	ROUTE	FOLEY BEACH EXPRESS	ROUTE
08.19.002	PROJECT NUMBER	08.19.002	PROJECT NUMBER
CDW	REVIEWED	CDW	REVIEWED
BY	REVISION OR CHANGE ORDER DESCRIPTION	BY	REVISION OR CHANGE ORDER DESCRIPTION
NO.	DATE	NO.	DATE
PROJECT: HSP-0219(250) 400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12 & CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12			
TYPICAL SECTIONS			

TRAFFIC SIGNAL PLAN NOTES



IN THE EVENT CONFLICTS OCCUR BETWEEN THE PROJECT TRAFFIC SIGNAL NOTES
AND THE MUTCD, THE MUTCD WILL GOVERN.

NOTES THAT APPLY TO THIS PROJECT.

500. WHEN THE CONTROLLER IS IN THE FLASHING MODE, THE VEHICULAR SIGNAL HEADS SHALL FLASH YELLOW ON { FOLEY BEACH EXPRESS }, RED ON ALL CROSS STREETS, AND RED ON PROTECTED LEFT TURNS.
501. ALL EXISTING TRAFFIC CONTROL EQUIPMENT WHICH IS THE PROPERTY OF THE STATE INCLUDING SIGNAL HEADS, CONTROLLERS, POLES, AND MISCELLANEOUS HARDWARE SHALL BE REMOVED UPON COMPLETION OF THE NEW TRAFFIC CONTROL UNIT (TEMPORARY OR PERMANENT) AND STORED TO COMPLY WITH SECTION 730.03 OF THE STANDARD SPECIFICATIONS. THE SAME SHALL BE DELIVERED TO THE ALABAMA DEPARTMENT OF TRANSPORTATION AS DIRECTED BY THE ENGINEER.
502. ALL EXISTING TRAFFIC CONTROL EQUIPMENT WHICH IS THE PROPERTY OF THE { THE CITY OF FOLEY } INCLUDING SIGNAL HEADS, CONTROLLERS, POLES, AND MISCELLANEOUS HARDWARE SHALL BE REMOVED UPON COMPLETION OF THE NEW TRAFFIC CONTROL UNIT (TEMPORARY OR PERMANENT) AND STORED TO COMPLY WITH SECTION 730.03 OF THE STANDARD SPECIFICATIONS. THE SAME SHALL BE DELIVERED TO THE CITY OF FOLEY AS DIRECTED BY THE ENGINEER.
503. THE LOCATION OF THE POWER SOURCE AS SHOWN IN THE PLANS IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF THE POWER SOURCE AND THE SHORTEST ROUTE TO SERVE THE TRAFFIC SIGNAL CONTROLLER CABINET AND LUMINAIRES.
504. FROM THE DATE TIME CHARGE BEGINS THE CONTRACTOR SHALL ASSUME TOTAL RESPONSIBILITY FOR ALL EXISTING, TEMPORARY, AND NEW TRAFFIC CONTROL UNIT(S) ON THE PROJECT. THE CONTRACTOR SHALL CONTINUE THE OPERATION AND MAINTENANCE OF THE EXISTING TRAFFIC CONTROL UNIT(S) UNTIL THE ENTIRE NEW PERMANENT TRAFFIC CONTROL UNIT(S) IS(ARE) OPERATIONAL AND ACCEPTED BY THE CITY OF FOLEY.
505. THE CONTRACTOR, WITHOUT EXTRA COMPENSATION, SHALL BE RESPONSIBLE TO ENSURE THE CONTINUAL OPERATION AND MAINTENANCE OF THE EXISTING AND TEMPORARY TRAFFIC CONTROL UNIT(S) DURING THE PERIOD OF CONSTRUCTION. MAINTAINING CONTINUAL OPERATION SHALL INCLUDE THE RELOCATION OF VEHICULAR SIGNAL HEADS DURING CONSTRUCTION AND THE MATERIALS AND LABOR NECESSARY TO ENSURE THE CONTINUAL OPERATION OF THE TRAFFIC CONTROL UNIT(S) EQUIPMENT AT ALL TIMES.
506. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES TO LOCATE ALL OVERHEAD AND UNDERGROUND UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT. DAMAGE TO UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE UTILITY COMPANY AND THE ENGINEER. THE CONTRACTOR SHALL BEAR ALL COST TO REPAIR ANY AND ALL DAMAGES TO THE UTILITIES CAUSED BY THE CONTRACTOR.
507. THE CITY OF FOLEY RESERVES THE RIGHT TO RESPOND TO TRAFFIC CONTROL UNIT(S) MALFUNCTIONS IN AN EMERGENCY OR NATURAL DISASTER. IN DOING SO THE CONTRACTOR'S LIABILITY AND RESPONSIBILITY RELATED TO MAINTAINING THE TRAFFIC UNIT(S) OR SYSTEM REMAINS IN EFFECT.
508. THE CONTRACTOR SHALL HAVE THE APPROVAL OF THE ENGINEER PRIOR TO THE REMOVAL OF ANY EXISTING TRAFFIC CONTROL UNIT. THE CONTRACTOR SHALL NOT REMOVE AN EXISTING TRAFFIC CONTROL UNIT UNTIL THE REQUIRED TRAFFIC CONTROL UNIT IS INSTALLED AND COMPLETELY OPERATIONAL.

509. EACH REQUIRED TRAFFIC SIGNAL STRAIN POLE AND MAST ARM POLE MAY VARY IN LENGTH AND SIZE. THE CONTRACTOR SHALL ASCERTAIN THAT THE POLE HEIGHTS ARE SUFFICIENT TO PROVIDE THE REQUIRED VEHICULAR TRAFFIC SIGNAL CLEARANCE. EXTENSIONS FOR MOUNTING SIGNALS SHALL BE PROVIDED WHEN NECESSARY.
510. EACH MAST ARM MAY VARY IN LENGTH. THE CONTRACTOR SHALL ASCERTAIN THAT ALL ARM LENGTHS ARE SUFFICIENT SO THAT EACH VEHICULAR SIGNAL HEAD POSITION CONFORMS TO THE MUTCD.
511. THE TRAFFIC SIGNAL POLE LOCATION(S) AS SHOWN IN THE PLANS IS(ARE) APPROXIMATE. THE CONTRACTOR SHALL COORDINATE THE POLE LOCATION(S) WITH THE ENGINEER. THE CONTRACTOR SHALL ASCERTAIN THAT THE FINAL POLE LOCATION(S) PROVIDE FOR THE VEHICULAR TRAFFIC SIGNAL HEADS TO MEET THE DISTANCE REQUIREMENTS TO THE STOP LINE AS REQUIRED BY THE MUTCD. WHEN PEDESTRIAN SIGNAL HEADS AND/OR PEDESTRIAN CROSSWALKS ARE INVOLVED THE SAME SAID POLE LOCATION(S) SHALL ALSO CONFORM TO THE RELATIVE SECTIONS OF THE MUTCD.
512. THE CONTRACTOR SHALL LOCATE EACH REQUIRED AND RELOCATED VEHICULAR TRAFFIC SIGNAL HEAD ON THE SPAN WIRE OR MAST ARM SO THAT EACH HEAD IS LOCATED IN THE APPROACH LANE FOR WHICH IT APPLIES. LOCATION OF SIGNAL HEADS SHALL CONFORM TO THE MUTCD.
513. THE TRAFFIC SIGNAL STRAIN POLE LOCATION(S) AS SHOWN IN THE PLANS IS(ARE) APPROXIMATE. THE ENGINEER SHALL APPROVE ALL FOUNDATION LOCATIONS PRIOR TO THE CONTRACTOR EXCAVATING FOR EACH FOUNDATION.
514. BALANCE ADJUSTERS SHALL BE INSTALLED ON TRAFFIC SIGNAL HEADS FOR PROPER AIM. THE CONTRACTOR SHALL ALIGN THE SIGNAL HEADS IN ACCORDANCE WITH THE MUTCD AND TO THE SATISFACTION OF THE ENGINEER.
515. A 12 INCH DRIP COIL WITH 3 LOOPS SHALL BE PROVIDED TO THE RIGHTS OF EACH VEHICULAR TRAFFIC SIGNAL HEAD. A DRIP LOOP SHALL BE FORMED SO THAT WATER CANNOT ENTER THE ENTRANCE CLAMP. THE WIRE SHALL ENTER THE CLAMP FROM THE BOTTOM OF THE DRIP LOOP.
516. WHEN PVC CONDUIT IS USED FROM THE CONTROLLER TO THE STEEL STRAIN POLE OR MAST ARM POLE, THE CONTRACTOR SHALL BOND THE CONTROLLER TO THE POLE WITH A #6-1C BONDING CABLE.
517. MARKING TAPE SHALL BE BURIED OVER CONDUIT. THE TAPE SHALL BE 4 INCH POLYETHYLENE, RED IN COLOR WITH BLACK LETTERING.
518. WHEN EXISTING LOOP WIRE AND VEHICLE LOOP DETECTORS ARE TO BE RETAINED AND REUSED, OR RELOCATED IN A NEW CONTROLLER CABINET, THE CONTRACTOR SHALL ASCERTAIN THE MANUFACTURER AND MODEL NUMBER OF EACH EXISTING DETECTOR AMPLIFIER AND PROVIDE A NEW WIRING HARNESS COMPLETELY WIRED IN THE CONTROLLER CABINET FOR EACH EXISTING DETECTOR AMPLIFIER.
519. WHEN SYSTEM TIMINGS ARE NOT INCLUDED IN THE PLANS FOR TIME BASE OR CLOSED LOOP SYSTEMS, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HIRE A LICENSED PROFESSIONAL ENGINEER TO CALCULATE SYSTEM TIMINGS. THE COST OF CALCULATING SYSTEM TIMINGS SHALL BE A SUBSIDIARY OBLIGATION OF 730C.
520. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HIRE A LICENSED PROFESSIONAL ENGINEER TO INPUT THE TIMINGS AND FINE TUNE THE TIMINGS. THE COST OF INPUTTING AND FINE TUNING TIMINGS SHALL BE A SUBSIDIARY OBLIGATION OF 730C.

521. THE { AREA TRAFFIC ENGINEER / CITY TRAFFIC ENGINEER / COUNTY TRAFFIC ENGINEER } SHALL BE RESPONSIBLE FOR INPUTTING AND FINE TUNING THE TIMINGS.
522. WHEN EXISTING SPAN WIRE THAT IS TO BE RETAINED HAS SAGGED, THE CONTRACTOR SHALL ADJUST THE SPAN WIRE SO THAT SIGNAL HEADS COMPLY WITH THE CLEARANCE SHOWN ON THE STANDARD DETAIL DRAWING.
523. A NOTICE OF INTENT FOR NPDES PERMIT COVERAGE HAS BEEN FILED WITH ADEM FOR THIS PROJECT. A COPY OF THE CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN (CBMPP) IS AVAILABLE THROUGH OFFICE ENGINEER PRIOR TO BIDDING.
524. THE CONTRACTOR SHALL PROVIDE A SET OF AS-BUILT PLANS TO THE AREA TRAFFIC ENGINEER.
525. THE CONTRACTOR SHALL INSTALL BACKPLATES WITH A 1 INCH TO 3 INCH FLUORESCENT YELLOW REFLECTIVE BORDER ON ALL SIGNAL HEADS (EXISTING AND REQUIRED).

	PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		400-3020-5139 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	TRAFFIC SIGNAL PLAN NOTES				SHEET TITLE	
				REVISION OR CHANGE ORDER DESCRIPTION					
				NO.	DATE				BY
DESIGNED	CHECKED	DETAILED	CHECKED	REVIEWED	CDW	PROJECT NUMBER	OB 19.002	SERIES NUMBER	1 OF 1
COUNTY	BALDWIN	ROUTE	FOLEY BEACH EXPRESS	SCALE	NTS	DATE	01/31/2020	SHEET NUMBER	2-0

HSIP-0219(250)

REQUIRED DRAINAGE SUMMARY																						
LOCATION					INDEX NO.		SHEET NO.		CLASS 3 RC ROADWAY PIPE	CLASS 3 RC STORM SEWER PIPE	ROADWAY PET CLASS 1	INLETS	CONCRETE PIPE COLLAR	MINOR STRUCTURE CONCRETE	STRUCTURE EXCAVATION	FOUNDATION BACKFILL, COMMERCIAL	PET SLOPE	PIPE SKEW	FILL HEIGHT	STANDARD OR SPECIAL DRAWING	REMARKS	LINE NO.
LINE NO.	STA	STA	ROADWAY	SIDE	FROM	TO	PLAN	DRAINAGE SECTION	29" X 18" EXTENSION	29" X 18"	29" X 18"	OPEN THROAT		620A-000	214A-000	214B-001						
									530B-013	533B-099	619B-017	621C-140										
									LIN FT	LIN FT	EA	EA		CU YD	CU YD	CU YD						
1	268+25	-	BL CONST FBE NBR	LT	1	2	4	24	15	17	1		29"X18"	0.24	11.94	5.12	4:1	0° RT	2.4	A, B, C, D, E		1
2	278+25	-	CL CONST FBE	CL RT	3	4	6	24		3			29"X18"	0.24	3.51	1.50			1	A, E		2
3	278+25	-	CL CONST FBE	CL LT	4	5	6	24		13.5		1	29"X18"	0.24	10.88	4.66			2.4	A, E, F		3
4																						4
TOTAL									15	17	1	1		1	27	12						

REQUIRED REMOVING PIPE, HEADWALLS AND JUNCTION BOXES							
LOCATION				REMOVING PIPE	REMOVING HEADWALLS	REMOVING JUNCTION BOXES	REMARKS
ROADWAY	FROM STATION	TO STATION	SIDE				
				206D-000	206E-000	206E-002	
				LIN FT	EA	EA	
BL CONST FBE NBR	268+25	-	LT	8	1		
CL CONST FBE	278+02	278+25	CL	22	1	1	
CL CONST FBE	278+25	278+51	CL	24	1		
CL CONST FBE	278+25	-	CL LT	8			
CL CONST FBE	278+25	-	CL RT	8			
TOTAL				70	3	1	

REQUIRED GROUND MOUNTED ROADWAY SIGNS										
SIGN ID	SHEET NUMBER	ROADWAY	STATION	SIDE	ROADWAY SIGN POST (#3 "U" CHANNEL, GALVANIZED STEEL OR 2", 14 GA SQUARE TUBULAR STEEL)	NO. POSTS	CLASS 4, ALUMINUM FLAT SIGN PANELS 0.08" THICK (TYPE IV BACKGROUND)		SPECIAL OR STANDARD DWG	REMARKS
							710A-170			
							R4-7			
							NO	SQ FT		
1	11	BL CONST FBE NBR	273+05.00	LT	14	1	1	5	S, T, U, W	MEDIAN
2	11	CL CONST FBE	274+35.00	RT	14	1	1	5	S, T, U, W	MEDIAN
TOTALS					28	2	10			

REQUIRED EROSION AND SEDIMENT CONTROL														
ROADWAY	MULCHING	TEMPORARY SEEDING	TEMPORARY MULCHING	POLY-ETHYLENE	SAND BAGS	TEMPORARY RIPRAP, CLASS 2	SILT FENCE	SILT FENCE REMOVAL	INLET PROTECTION, STAGE 3 OR 4	WATTLE	TEMPORARY COARSE AGGREGATE, ALDOT NUMBER 4	FILTER BLANKET, GEOTEXTILE	SPECIAL OR STANDARD DWG	REMARKS
	656A-010	665A-000	665B-001	665E-000	665G-000	665I-000	665J-002	665O-001	665P-005	665Q-002	665N-001	610D-003		
	ACRE	ACRE	TON	SQ YD	EA	TON	LIN FT	LIN FT	EA	LIN FT	TON	SQ YD		
PROJECT LIMITS	1.0	1.0	3.0	500	200	80	220	220	2	110	30	220	O, P, Q, R	
TOTALS	1	1	3	500	200	80	220	220	2	110	30	220		

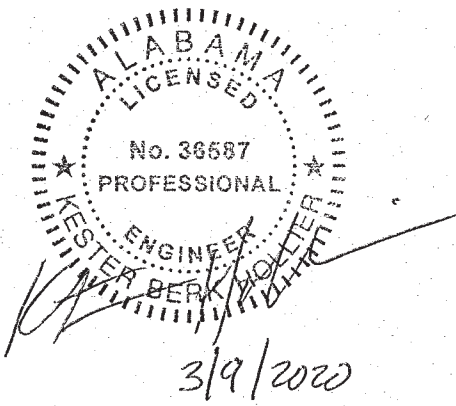
LEGEND	
A	CC-530
B	FE-619
C	HW-614-B (PC)
D	HW-614-B
E	RPC-530
F	SHT 25
G	HMI-707
H	IPS-701-7
I	IPS-701-8
J	PM-705-1
K	PM-705-3
L	PM-705-6
M	PS-701-7
N	TCM-703
O	ESC-100
P	ESC-200
Q	ESC-300
R	ESC-400
S	IHS-710-12
T	IHS-710-21
U	IHS-710-23
V	SHS-1
W	SHS-3
X	SL-710
Y	623-N SPEC

REQUIRED STRIPING, PAVEMENT MARKERS, MARKINGS AND LEGENDS														REMARKS
ROADWAY	SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	DOTTED, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	SOLID TEMPORARY TRAFFIC STRIPE (PAINT)	SOLID TRAFFIC STRIPE REMOVED	TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A	TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A	REMOVAL OF EXISTING TRAFFIC CONTROL MARKINGS OR LEGENDS (PLASTIC)	TEMPORARY TRAFFIC CONTROL MARKINGS (PAINT)	PAVEMENT MARKERS, CLASS A-H, TYPE 2-C	PAVEMENT MARKERS, CLASS A-H, TYPE 1-A	PAVEMENT MARKERS, CLASS A-H, TYPE 1-B	SPECIAL OR STANDARD DWG	
	701A-	701B-	701C-	701D-	703A-	703B-	703C-	703D-	705A-					
	227	230	207	003	005	002	002	001	030	031	032			
	MILE	MILE	LIN FT	MILE	MILE	SQ FT	SQ FT	SQ FT	SQ FT	EA	EA	EA		
PROJECT LIMITS	0.30	0.24	486.00	0.54	0.24	2189.84	89.64	125.74	24.00	524.0	192.0	108.0	H, I, J, K, L, M, N	
TOTALS	1	1	486	1	1	2190	90	126	24	524	192	108		

REQUIRED DELINEATORS						
ROADWAY	STATION	STATION	SIDE	TYPE 2, YELLOW DELINEATOR INSTALLATION	SPECIAL OR STANDARD DWG	REMARKS
				707A-000		
				EA		
BL CONST FBE NBR	266+39	272+87	LT	14	G	FBE NBR OFFSET LEFT TURN LANE
CL CONST FBE	274+57	280+56	LT	13	G	FBE SBR OFFSET LEFT TURN LANE
TOTALS				27		

[illegible]

REQUIRED TRAFFIC SIGNAL ITEMS (EACH)				
PLAN SHEET NUMBER	LOCATION	VEHICULAR SIGNAL HEAD, 12 INCH, 3 SECTION, TYPE LED	VEHICULAR SIGNAL HEAD, 12 INCH, 4 SECTION, TYPE LED	STANDARD OR SPECIAL DRAWINGS
		730P-022	730P-023	
		EA	EA	
14	FOLEY BEACH EXPRESS AT CR-12	2	2	T.S.D.-730-2
TOTAL		2	2	



	PROJECT HSIP-0219(250) CONSTRUCTION OF LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	400-3020-5139 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		DESIGNED	COUNTY	BALDWIN	DATE	01/31/2020	SHEET	3-C
				CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE	NTS	NUMBER	2 OF 2
SUMMARY OF QUANTITIES				REVIEWED	CDW	PROJECT NUMBER	06-19-002	SERIES NUMBER		
				NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY			

REQUIRED DRAINAGE SUMMARY																				
LOCATION					INDEX NO.		SHEET NO.		CLASS 3 RC ROADWAY PIPE	ROADWAY PET CLASS 1	CONCRETE PIPE COLLAR	MINOR STRUCTURE CONCRETE	STRUCTURE EXCAVATION	FOUNDATION BACKFILL, COMMERCIAL	PET SLOPE	PIPE SKEW	FILL HEIGHT	STANDARD OR SPECIAL DRAWING	REMARKS	LINE NO.
LINE NO.	STA	STA	ROADWAY	SIDE	FROM	TO	PLAN	DRAINAGE SECTION	18" EXTENSION	18"		620A-000	214A-000	214B-001						
									530A-101	619A-002										
									LIN FT	EA										
1	125+44	-	BL CR-12	RT	6	7	41	56	12	1	18"	0.19	8.17	3.50	4:1	0°	1.8	A, B, C, D, E		1
2	125+44	-	BL CR-12	LT	8	9	41	56	12	1	18"	0.19	8.17	3.50	4:1	0°	1.7	A, B, C, D, E		2
3																				3
4																				4
TOTAL									24	2		1	17	7						

REQUIRED EROSION AND SEDIMENT CONTROL													
ROADWAY	MULCHING	TEMPORARY SEEDING	TEMPORARY MULCHING	POLY-ETHYLENE	SAND BAGS	TEMPORARY RIPRAP, CLASS 2	SILT FENCE	SILT FENCE REMOVAL	WATTLE	TEMPORARY COARSE AGGREGATE, ALDOT NUMBER 4	FILTER BLANKET, GEOTEXTILE	SPECIAL OR STANDARD DWG	REMARKS
	656A-010	665A-000	665B-001	665E-000	665G-000	665I-000							
	ACRE	ACRE	TON	SQ YD	EA	TON							
PROJECT LIMITS	1.0	1.0	3.0	0	0	50	580	580	250	17	130	O, P, Q, R	
TOTALS	1	1	3	0	0	50	580	580	250	17	130		

REQUIRED GROUND MOUNTED ROADWAY SIGNS										
SIGN ID	SHEET NUMBER	ROADWAY	STATION	SIDE	ROADWAY SIGN POST (#3 "U" CHANNEL, GALVANIZED STEEL OR 2", 14 GA SQUARE TUBULAR STEEL)	NO. POSTS	CLASS 10, ALUMINUM FLAT SIGN PANELS 0.08" THICK (TYPE XI BACKGROUND)		SPECIAL OR STANDARD DWG	REMARKS
							710A-160			
							R1-2			
							NO	SQ FT		
3	23	BL CR-12	129+77	RT	14	1	1	6.93	S, T, U, V, X	
4	23	BL CR-12	131+27	LT	14	1	1	6.93	S, T, U, V, X	
5	23	BL CR-12	131+59	LT	10	1	1	1.86	S, T, U, V, X	SHARED-USE PATH
TOTALS					38	3	16			

REQUIRED CONCRETE SIDEWALK, CURB AND GUTTER								
ROADWAY	FROM STA	TO STA	SIDE	CONCRETE CURB, TYPE N	CONCRETE CURB, TYPE N SPECIAL	SLOPE PAVING	SPECIAL OR STANDARD DWG	REMARKS
				623B-000	623B-001	614A-000		
				LIN FT	LIN FT	CU. YD.		
BL CR-12	129+74	129+96	RT	14	45	1	Y	CHANNELIZING ISLAND
BL CR-12	131+08	131+29	LT	12	42	1	Y	CHANNELIZING ISLAND
TOTALS				26	87	2		

REQUIRED STRIPING, PAVEMENT MARKERS, MARKINGS AND LEGENDS													
ROADWAY	SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	DOTTED, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	SOLID TEMPORARY TRAFFIC STRIPE (PAINT)	TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A	TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A	TEMPORARY TRAFFIC CONTROL MARKINGS (PAINT)	PAVEMENT MARKERS, CLASS A-H, TYPE 2-C	PAVEMENT MARKERS, CLASS A-H, TYPE 1-B	PAVEMENT MARKERS, CLASS A-H, TYPE 2-D	PAVEMENT MARKERS, CLASS A-H, TYPE 2-E	SPECIAL OR STANDARD DWG	REMARKS
	701A-		701B-	701C-	703A-	703B-	703D-	705A-					
	227	230	207	003	002	002	002	030	032	037	038		
	MILE	MILE	LIN FT	MILE	SQ FT	SQ FT	SQ FT	EA	EA	EA	EA		
PROJECT LIMITS	0.69	0.75	420.00	0.86	7739.29	89.64	170.84	102.0	290.0	20.0	76.0	H, I, J, K, L, M, N	
TOTALS	1	1	420	1	7740	90	171	102	290	20	76		

REQUIRED REMOVING PIPE, HEADWALLS AND JUNCTION BOXES					
LOCATION				REMOVING PIPE	REMARKS
ROADWAY	FROM STATION	TO STATION	SIDE		
				LIN FT	
BL CR-12	125+44	-	LT	4	
BL CR-12	125+44	-	RT	4	
TOTAL				8	

LEGEND	
A	CC-530
B	FE-619
C	HW-614-B (PC)
D	HW-614-B
E	RPC-530
F	SHT 25
G	HMI-707
H	IPS-701-7
I	IPS-701-8
J	PM-705-1
K	PM-705-3
L	PM-705-6
M	PS-701-7
N	TCM-703
O	ESC-100
P	ESC-200
Q	ESC-300
R	ESC-400
S	IHS-710-12
T	IHS-710-21
U	IHS-710-23
V	SHS-1
W	SHS-3
X	SL-710
Y	623-N SPEC

SHEET NUMBER

3-D

01/31/2020

DATE

08/19/002

PROJECT NUMBER

CDW

REVIEWED

FOLEY BEACH EXPRESS

ROUTE

08/19/002

PROJECT NUMBER

NTS

SCALE

1 OF 3

SERIES NUMBER

DESIGNED

CHECKED

DETAILED

CHECKED

BY

REVISION OR CHANGE ORDER DESCRIPTION

NO.

DATE

City of

Foley

PROJECT

HSP-0219(250)

CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12

&

IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12

SHEET TITLE

SUMMARY OF QUANTITIES

BKI

REQUIRED TRAFFIC SIGNAL ITEMS (EACH)										STANDARD OR SPECIAL DRAWINGS
PLAN SHEET NUMBER	LOCATION	METAL TRAFFIC SIGNAL POLE FOUNDATION	METAL TRAFFIC SIGNAL POLE WITH 70 FT AND 30 FT MAST ARM ASSEMBLY	TRAFFIC SIGNAL JUNCTION BOX	LUMINAIRE EXTENSION ASSEMBLY, 12 FEET	VEHICULAR SIGNAL HEAD, 12 INCH, 3 SECTION, TYPE LED	VEHICULAR SIGNAL HEAD, 12 INCH, 4 SECTION, TYPE LED	VEHICULAR SIGNAL HEAD, 12 INCH, 5 SECTION, TYPE LED	CONTROLLER ASSEMBLY, TYPE III, 8 PHASE	
		730E-000	730F-000	730K-000	730N-000	730P-022	730P-023	730P-024	730R-022	
		EA	EA	EA	EA	EA	EA	EA	EA	
14	FOLEY BEACH EXPRESS AT CR-12	2	2	3	2	6	2	2	1	T.S.D.-730-2, T.S.D.-730-2A, T.S.D.-730-2B, T.S.D.-730-4, T.S.D.-730-10, T.S.D.-730-13, T.S.D.-730-17
TOTAL		2	2	3	2	6	2	2	1	

REQUIRED TRAFFIC SIGNAL ITEMS (LUMP SUM)							
LOCATION	REMOVAL PLAN SHEET NUMBER	LAYOUT PLAN SHEET NUMBER	REMOVAL OF EXISTING TRAFFIC CONTROL UNIT (FOLEY BEACH EXPRESS AT CR-12)	FURNISHING AND INSTALLING TRAFFIC CONTROL UNIT (FOLEY BEACH EXPRESS AT CR-12)	FURNISHING AND INSTALLING EMERGENCY VEHICLE PREEMPTION SYSTEM (FOLEY BEACH EXPRESS AT CR-12)	RADAR DETECTION SYSTEM (FOLEY BEACH EXPRESS AT CR-12)	STANDARD OR SPECIAL DRAWINGS
			730A-000	730C-000	730S-002	730U-400	
			LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	
FOLEY BEACH EXPRESS AT CR-12	56	57	1	1	1	1	SHT 59, T.S.D.-730-1, T.S.D.-730-18
TOTAL			1	1	1	1	

REQUIRED TRAFFIC SIGNAL ITEMS (LIN FT)								
PLAN SHEET NUMBER	LOCATION	1", METALLIC, CONDUIT	1", NON-METALLIC, CONDUIT	2" NON-METALLIC, CONDUIT	6" ELECTRICAL CONDUIT, 1 LINE, TYPE 5 INSTALLATION	8" ELECTRICAL CONDUIT, 1 LINE, TYPE 5 INSTALLATION	STANDARD OR SPECIAL DRAWINGS	REMARKS
		730L-002	730L-003	730L-005	756A-028	756A-057		
		LIN FT	LIN FT	LIN FT	LIN FT	LIN FT		
57	FOLEY BEACH EXPRESS AT CR-12	12	30	491	150	37	T.S.D.-730-14, RLD-006, RLD-008	USE PLAN SHEET 58 IF ADD ALT NO. 1 IS CONSTRUCTED
	TOTAL	12	30	491	150	37		

ALABAMA
LICENSED
No. 38587
PROFESSIONAL
ENGINEER
3/19/2020

PROJECT

HSIP-0219(250)

CONSTRUCT FOLEY BEACH & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12

400-3020-5139

INTERSECTION

TURN LANE

FOLEY BEACH EXPRESS AT CR-12

PROJECT NUMBER

OB-19-002

ROUTE

FOLEY BEACH EXPRESS

DATE

01/31/2020

SCALE

NTS

SHEET NUMBER

2 OF 3

DESIGNED

CHECKED

DETAILED

CHECKED

REVIEWED

CDW

BY

NO.

DATE

REVISION OR CHANGE ORDER DESCRIPTION

City of

Foley

SUMMARY OF QUANTITIES

BKI

3-E

400-3020-5139
ADDITIVE ALTERNATE NO. 1

REQUIRED DRAINAGE SUMMARY - ADDITIVE ALTERNATE NO.1																					
LOCATION				INDEX NO.		SHEET NO.		CLASS 3 RC ROADWAY PIPE	CLASS 3 RC STORM SEWER PIPE	ROADWAY PET CLASS 2	CONCRETE PIPE COLLAR	MINOR STRUCTURE CONCRETE	STRUCTURE EXCAVATION	FOUNDATION BACKFILL, COMMERCIAL	PET SLOPE	PIPE SKEW	FILL HEIGHT	STANDARD OR SPECIAL DRAWING	REMARKS	LINE NO.	
LINE NO.	STA	STA	ROADWAY	SIDE	FROM	TO	PLAN	DRAINAGE SECTION	29" X 18" EXTENSION	29" X 18"		29" X 18"	620A-000	214A-000							214B-001
									530B-013	533B-099		619B-017									
									LIN FT	LIN FT		EA									
3	268+25	-	BL CONST FBE SBR	LT	10	11	43	73	14		1	29"X18"	0.24	11.23	4.81	4:1	0°	3.0	A, B, C, D, E	3	
4	278+25	-	CL CONST FBE	RT	12	13	45	73		11	1	29"X18"	0.24	9.13	3.91	4:1	0°	2.2	A, B, C, D, E	4	
5	278+25	-	CL CONST FBE	LT	14	15	45	73		12		29"X18"	0.24	9.83	4.21	4:1	0°	2.1	A, B, C, D, E	5	
6																				6	
TOTAL									14	23	2		1	31	13						

REQUIRED CONCRETE SIDEWALK, CURB AND GUTTER - ADDITIVE ALTERNATE NO.1								
ROADWAY	FROM STA	TO STA	SIDE	CONCRETE CURB, TYPE N	CONCRETE CURB, TYPE N SPECIAL	SLOPE PAVING	SPECIAL OR STANDARD DWG	REMARKS
				623B-000	623B-001	614A-000		
				LIN FT	LIN FT	CU. YD.		
BL CR-12	129+73	129+96	LT	24	53	2.1	Y	CHANNELIZING ISLAND
BL CR-12	129+73	129+96	RT	18	8	1.6	Y	CHANNELIZING ISLAND
BL CR-12	131+08	131+29	LT	16	9	1.3	Y	CHANNELIZING ISLAND
BL CR-12	131+10	131+35	RT	28	55	2.5	Y	CHANNELIZING ISLAND
TOTALS				86	125	8		

REQUIRED EROSION AND SEDIMENT CONTROL - ADDITIVE ALTERNATE NO.1								
ROADWAY	MULCHING	TEMPORARY SEEDING	TEMPORARY MULCHING	SILT FENCE	SILT FENCE REMOVAL	WATTLE	SPECIAL OR STANDARD DWG	REMARKS
	656A-010	665A-000	665B-001	665J-002	665O-001	665Q-002		
	ACRE	ACRE	TON	LIN FT	LIN FT	LIN FT		
PROJECT LIMITS	1.0	1.0	3.0	690	690	240	O, P, Q, R	
TOTALS	1	1	3	690	690	240		


REQUIRED STRIPING, PAVEMENT MARKERS, MARKINGS AND LEGENDS - ADDITIVE ALTERNATE NO.1									
ROADWAY	SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	DOTTED, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	SOLID TEMPORARY TRAFFIC STRIPE (PAINT)	TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A	TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A	TEMPORARY TRAFFIC CONTROL MARKINGS (PAINT)	PAVEMENT MARKERS, CLASS A-H, TYPE 2-C	SPECIAL OR STANDARD DWG	REMARKS
	701A-227	701B-207	701C-003	703A-002	703B-002	703D-002	705A-030		
	MILE	LIN FT	MILE	SQ FT	SQ FT	SQ FT	EA		
	PROJECT LIMITS	0.89	1060.00	0.41	1241.67	89.64	264.84		
TOTALS	1	1060	1	1242	90	265	249		

REQUIRED REMOVING PIPE, HEADWALLS AND JUNCTION BOXES - ADDITIVE ALTERNATE NO.1						
LOCATION				REMOVING PIPE	REMOVING HEADWALLS	REMARKS
ROADWAY	FROM STATION	TO STATION	SIDE	206D-000	206E-000	
				LIN FT	LIN FT	
BL CONST FBE SBR	268+25	-	LT	8	1	
CL CONST FBE	278+25	-	RT	8	1	
CL CONST FBE	278+25	-	LT	8	1	
TOTAL				24	3	

LEGEND	
A	CC-530
B	FE-619
C	HW-614-B (PC)
D	HW-614-B
E	RPC-530
F	SHT 25
G	HMI-707
H	IPS-701-7
I	IPS-701-8
J	PM-705-1
K	PM-705-3
L	PM-705-6
M	PS-701-7
N	TCM-703
O	ESC-100
P	ESC-200
Q	ESC-300
R	ESC-400
S	IHS-710-12
T	IHS-710-21
U	IHS-710-23
V	SHS-1
W	SHS-3
X	SL-710
Y	623-N SPEC


SHEET NUMBER	3-F
01/31/2020	DATE
BALDWIN	SCALE
FOLEY BEACH EXPRESS	NTS
08/19/002	SERIES NUMBER
3 OF 3	

DESIGNED	CHECKED	REVIEWED	CDW
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

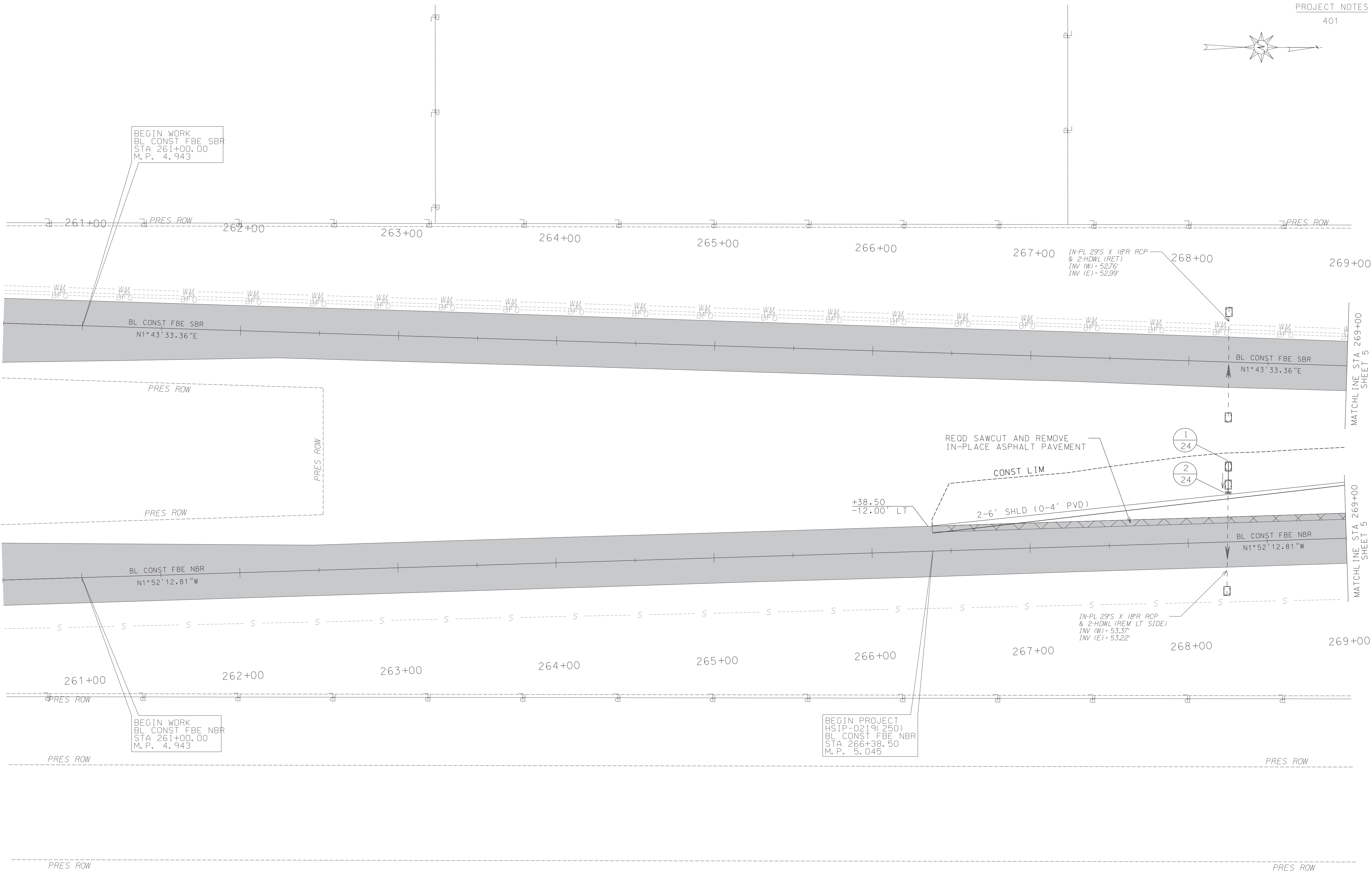


400-3020-5139
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

SUMMARY OF QUANTITIES

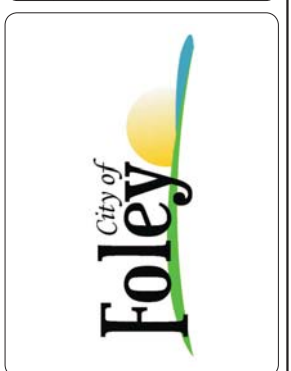


PROJECT NOTES
401



SHEET NUMBER	4
DATE	01/31/2020
SCALE	1"=30'
SERIES NUMBER	1 OF 6
COUNTY	BALDWIN
ROUTE	FOLEY BEACH EXPRESS
PROJECT NUMBER	OB.19.002
CDW	
DESIGNED	
CHECKED	
DETAILED	
CHECKED	
REVIEWED	

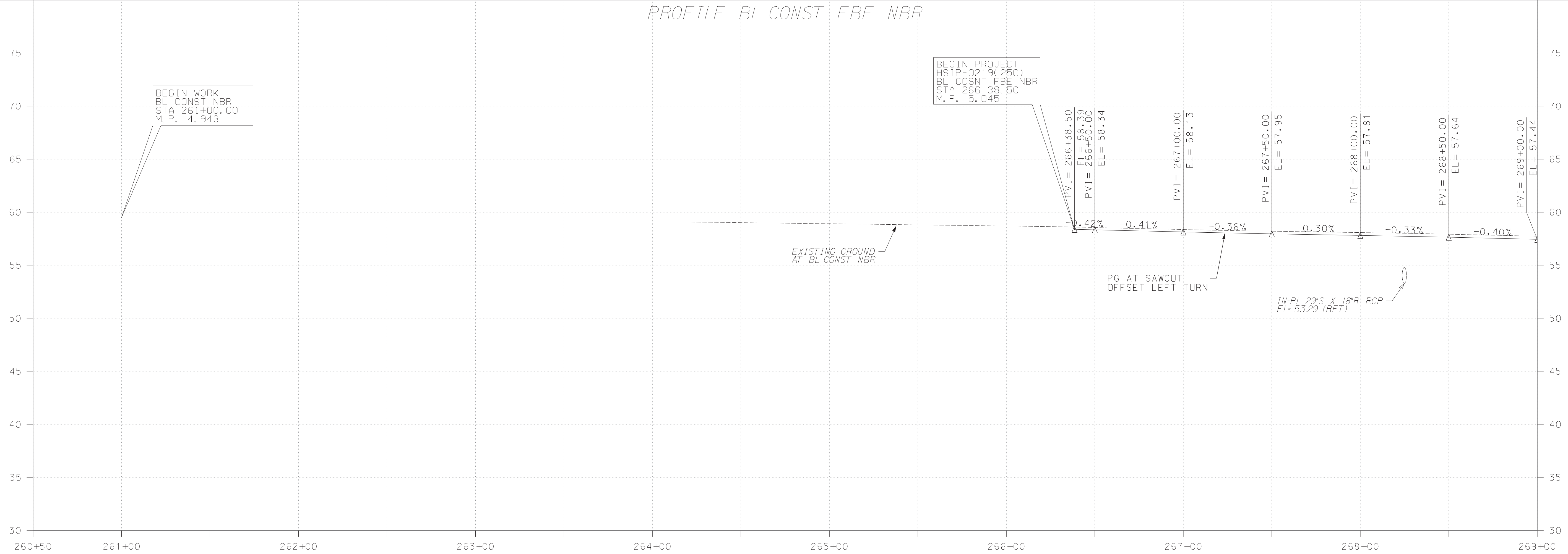
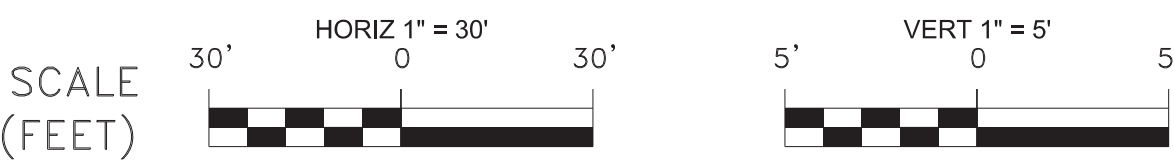
BY	
REVISION OR CHANGE ORDER DESCRIPTION	
NO.	
DATE	





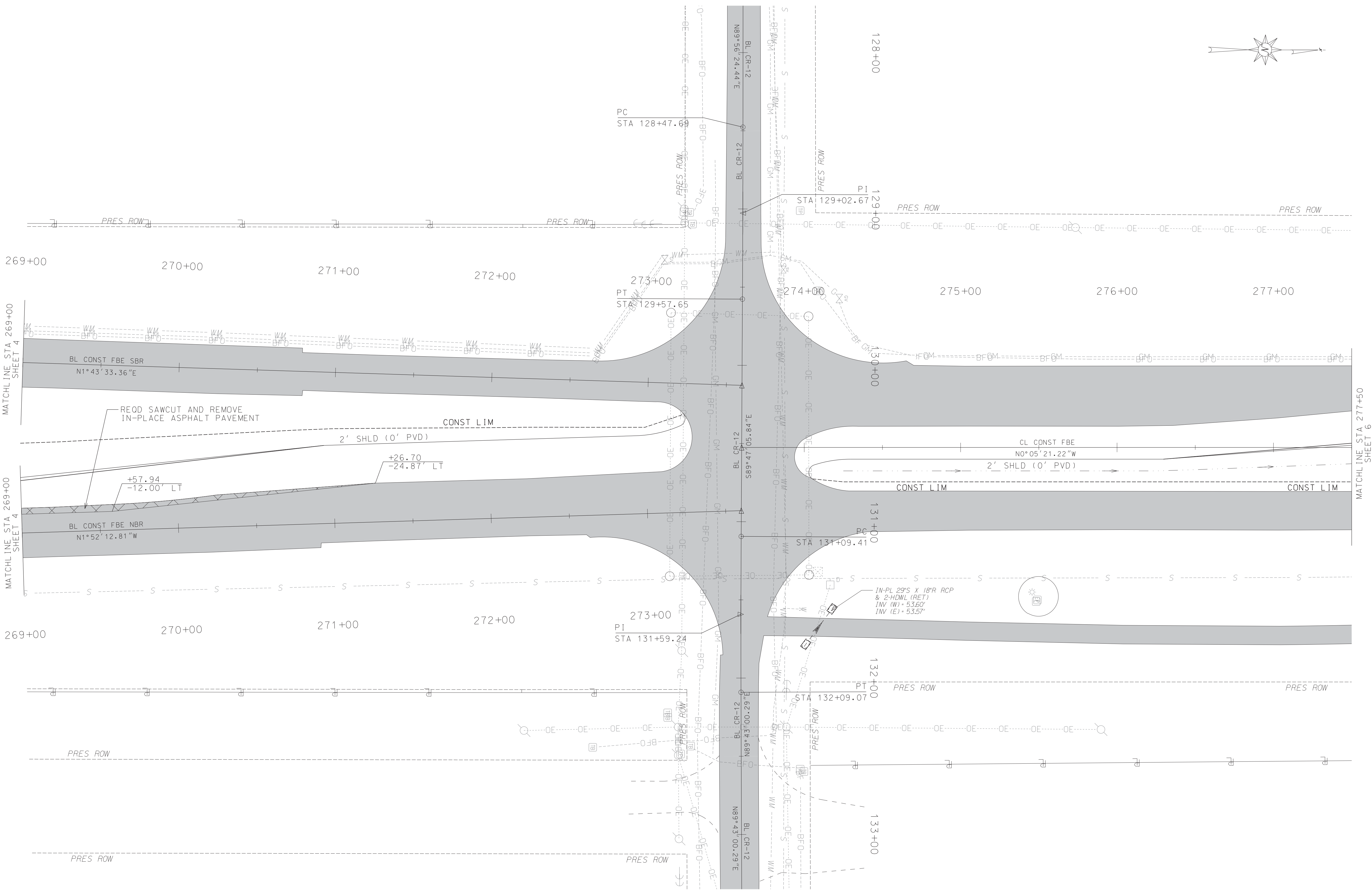
PROJECT	HSIP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12
SHEET TITLE	PLAN SHEET




HSIP-0219(250)

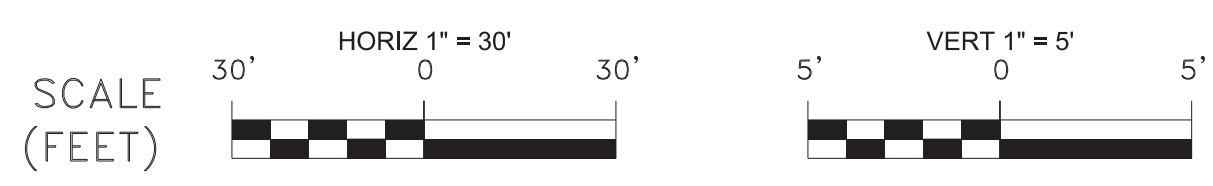
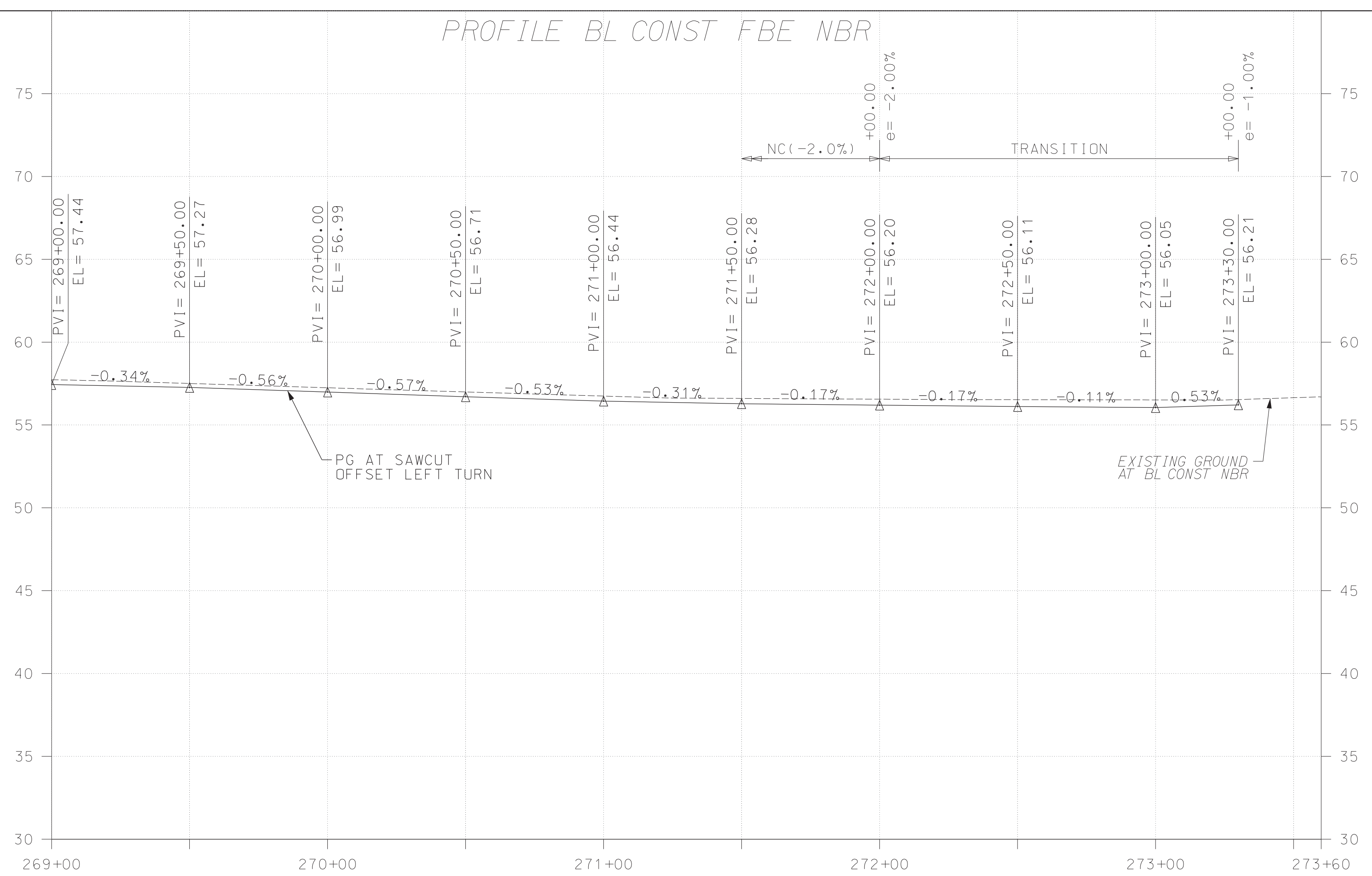
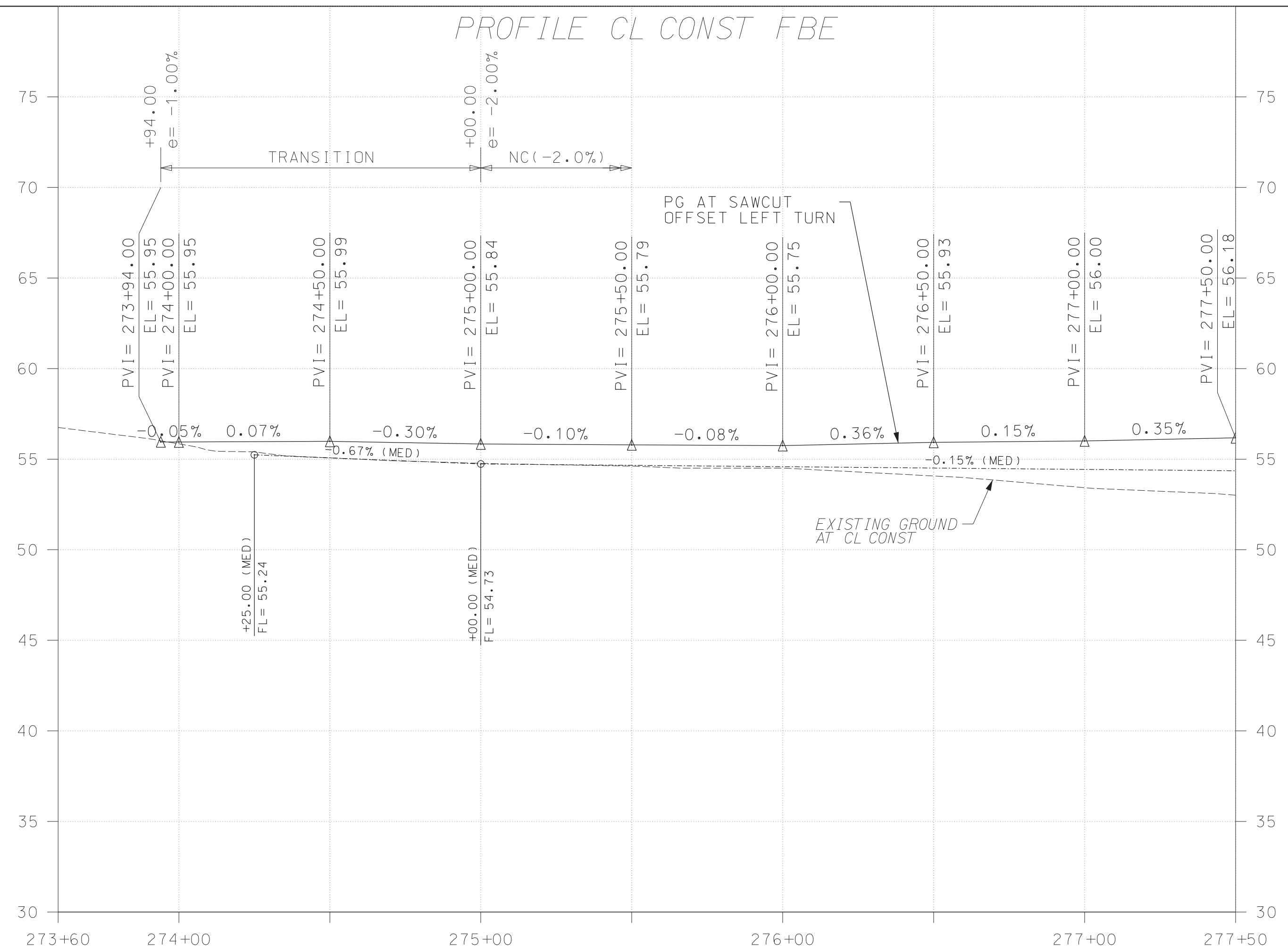



<div></div>		PROJECT		HSIP-0219(250) CONSTRUCTION OFFSET LEFT TURN OFFSET FOR BEACH EXPRESS AT CR-12		400-3020-5133 400-3020-5133 INTERSECTION & IMPROVEMENTS TO FOLEY BEACH EXPRESS AT CR-12		<div></div>											SHEET NUMBER	4-A
SHEET TITLE		PROFILE SHEET		NO.		DATE		REVISION OR CHANGE ORDER DESCRIPTION		BY		DESIGNED CHECKED	COUNTY BALDWIN	DATE 07/29/19	SCALE 1"=30' H 1"= 5' V	SERIES NUMBER 2 OF 6				





	PROJECT		HSIP-0219(250)		SHEET TITLE		PLAN SHEET	
	CONSTRUCT OFFSET LEFT		TURN LANES ON FOLEY BEACH		EXPRESS AT CR-12		IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	
	400-3020-5139		INTERSECTION		IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12			
	Foley							
DESIGNED	CHECKED	COUNTY	BALDWIN	DATE	01/31/2020	SHEET NUMBER	5	
DETAILED	CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE	1"=30'	SERIES NUMBER	3 OF 6	
REVIEWED	CDW	PROJECT NUMBER	08.19.002					

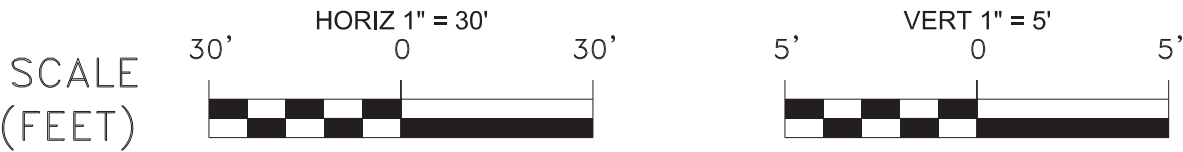
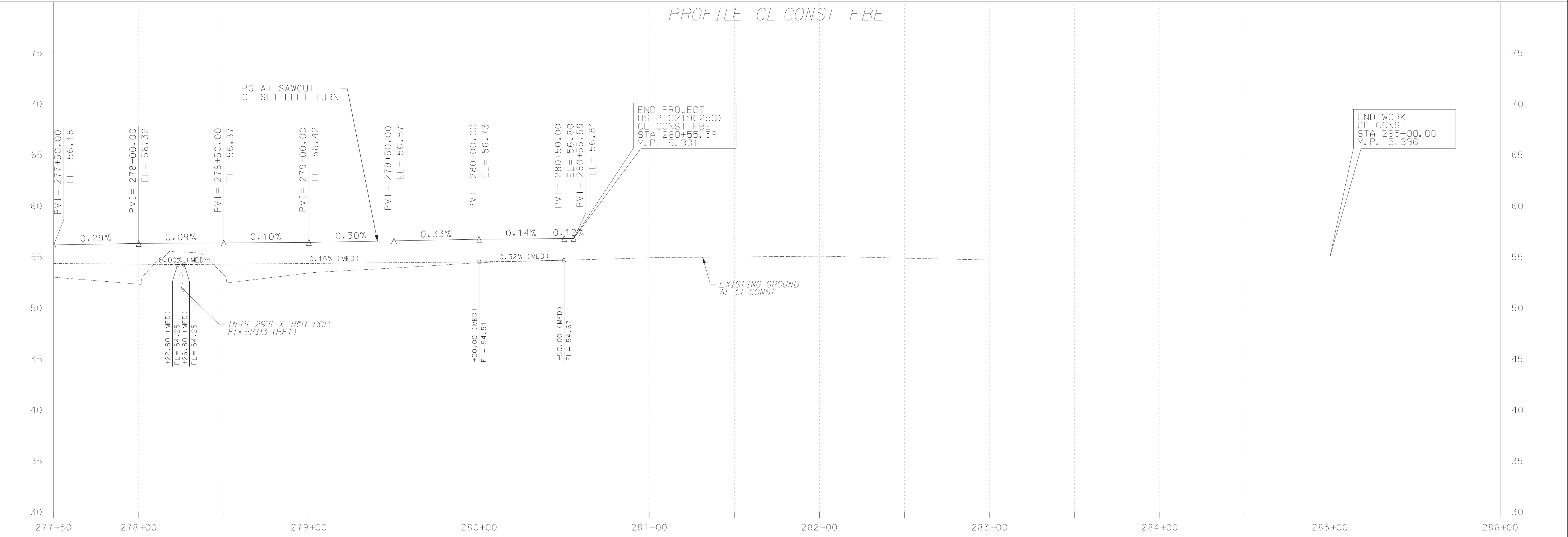
PROFILE CL CONST FBE



<div><div>BKI</div><div>PROJECT HSIP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT OR-12 & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT OR-12</div></div>		<div><div><div>City of Foley</div><div></div></div></div>				SHEET NUMBER		5-A											
SHEET TITLE		PROFILE SHEET		NO.		DATE		REVISION OR CHANGE ORDER DESCRIPTION		DESIGNED CHECKED		COUNTY		BALDWIN		DATE		01/31/2020	
										DETAILED CHECKED		ROUTE		FOLEY BEACH EXPRESS		SCALE		1"=30' H 1"= 5' V	
										REVIEWED		CDW		OB 19.002		PROJECT NUMBER		4 OF 6	



	PROJECT HSIP-0219(250) CONSTRUCTION OF FOLEY TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	400-3020-5139 TELEPHONE & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	DESIGNED CHECKED	COUNTY	BALDWIN	DATE 01/31/2020	SHEET NUMBER 6
	PLAN SHEET			NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	DETAILED CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE 1"=30'	SERIES NUMBER 5 OF 6



PROJECT HSIP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
& BEACH EXPRESS AT CR-12

SHEET
TITLE

PROFILE SHEET

DESIGNED	CHECKED	COUNTY	BALDWIN	DATE	07/29/19
DETAILED	CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE	1"=30' H 1"= 5' V
REVIEWED	CDW	PROJECT NUMBER	08.19.002	SERIES NUMBER	6 OF 6

NO. DATE REVISION OR CHANGE ORDER DESCRIPTION BY

269+00

BL CONST FBE SBR
N1°43'33.36"E

MATCHLINE STA 269+00
SHEET 8

269+00

BEGIN PROJECT
HSIP-0219(250)
BL CONST FBE NBR
STA 266+38.50
M.P. 5.045

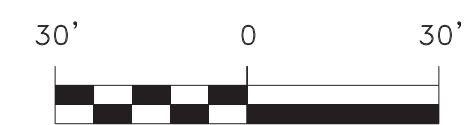
REQD WIDENING
FOR OFFSET TURN LANE

BL CONST FBE NBR
N1°52'12.81"W

MATCHLINE STA 269+00
SHEET 8

456'
REQD TAPER

SCALE
(FEET)



DESIGNED	COUNTY	BALDWIN	DATE	01/31/2020	SHEET NUMBER 7
CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE	1"=30'	
DETAILED					
CHECKED	PROJECT NUMBER	OB.19.002	SERIES NUMBER	1 OF 3	
REVIEWED	CDW				



[illegible]

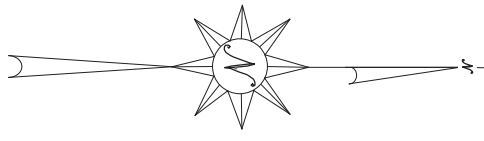
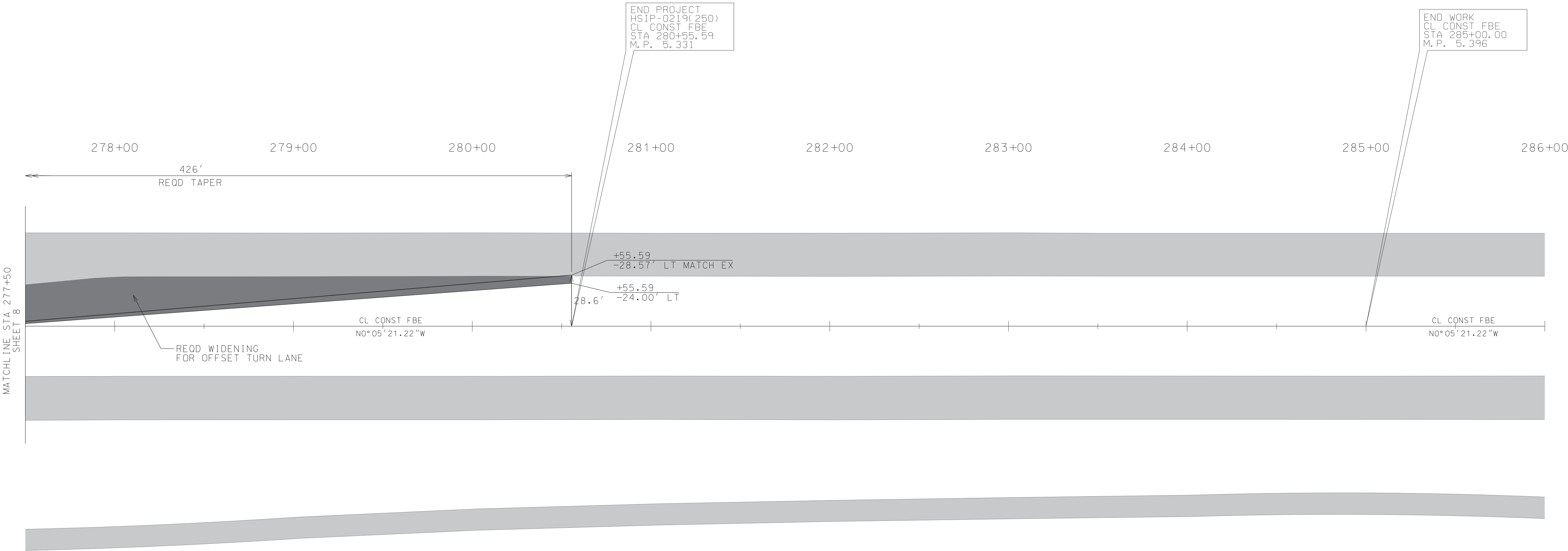
PROJECT HSIP-0219(250) 400-3020-5139
CONSTRUCT OFFSET LEFT INTERSECTION
TURN LANES ON FOLEY BEACH & IMPROVEMENTS ON FOLEY
EXPRESS AT CR-12 BEACH EXPRESS AT CR-12

PAVING LAYOUT SHEET





	PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12 & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		PAVING LAYOUT SHEET				SHEET TITLE			
			NO.		DATE	BY	REVISION OR CHANGE ORDER DESCRIPTION			
			DESIGNED	CHECKED	COUNTY	BALDWIN	DATE	01/31/2020	SHEET NUMBER	8
			DETAILED	CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE	1"=30'		
							PROJECT NUMBER	06-19-002	SERIES NUMBER	2 OF 3



END WORK
CL CONST FBE
STA 285+00.00
M. P. 5.396

END PROJECT
HSIP-0219(250)
CL CONST FBE
STA 280+55.59
M. P. 5.331

CL CONST FBE
 $NO^{\circ}05'21.22''W$

CL CONST FBE
 $NO^{\circ}05'21.22''W$



SCALE
(FEET)

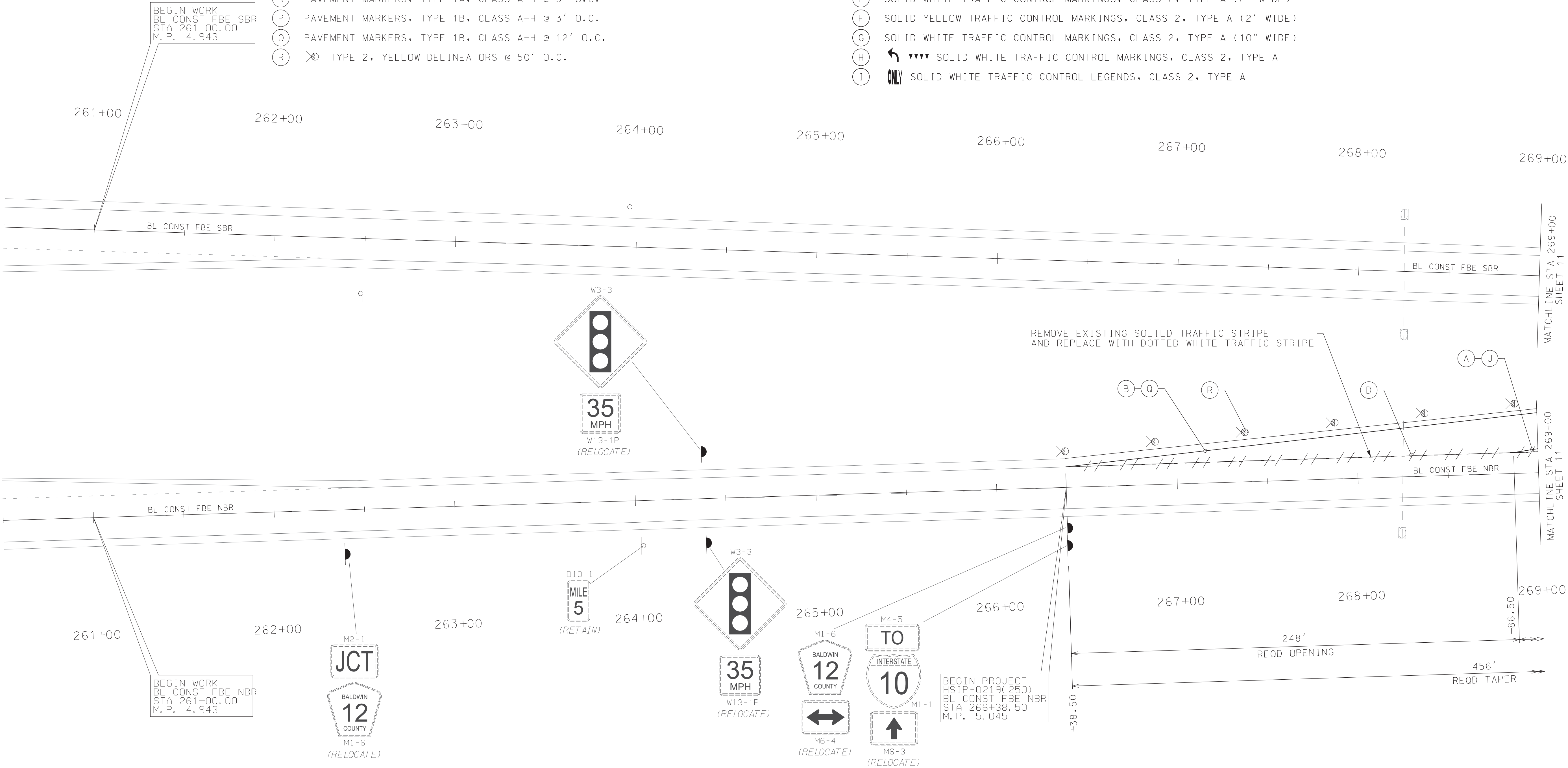
<div><div><div>BKI</div></div></div>	PROJECT		HSIP-0219(250)		400-3020-5139		CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12 & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		PAVING LAYOUT SHEET		SHEET TITLE		
	DESIGNED		CHECKED		DETAILED		CHECKED		REVIEWED		CDW		
	COUNTY		ROUTE		PROJECT NUMBER		FOLEY BEACH EXPRESS		OB 19.002		SERIES NUMBER		
	DATE		SCALE		NTS		3 OF 3		01/31/2020		SHEET NUMBER		
											9		
REVISION OR CHANGE ORDER DESCRIPTION												BY	
												NO.	
												DATE	
												BY	
<div><div><div>City of</div><div>Foley</div></div></div>													

PAVEMENT MARKERS AND DELINEATORS LEGEND

- J PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 3' O.C.
- K PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 20' O.C.
- L PAVEMENT MARKERS, TYPE 2D, CLASS A-H @ 40' O.C.
- M PAVEMENT MARKERS, TYPE 2E, CLASS A-H @ 6' O.C.
- N PAVEMENT MARKERS, TYPE 1A, CLASS A-H @ 3' O.C.
- P PAVEMENT MARKERS, TYPE 1B, CLASS A-H @ 3' O.C.
- Q PAVEMENT MARKERS, TYPE 1B, CLASS A-H @ 12' O.C.
- R TYPE 2, YELLOW DELINEATORS @ 50' O.C.

PAVEMENT MARKINGS LEGEND

- A SINGLE SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- B SINGLE SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- C DOUBLE SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- D DOTTED WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- E SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (2' WIDE)
- F SOLID YELLOW TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (2' WIDE)
- G SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (10" WIDE)
- H SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A
- I SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A

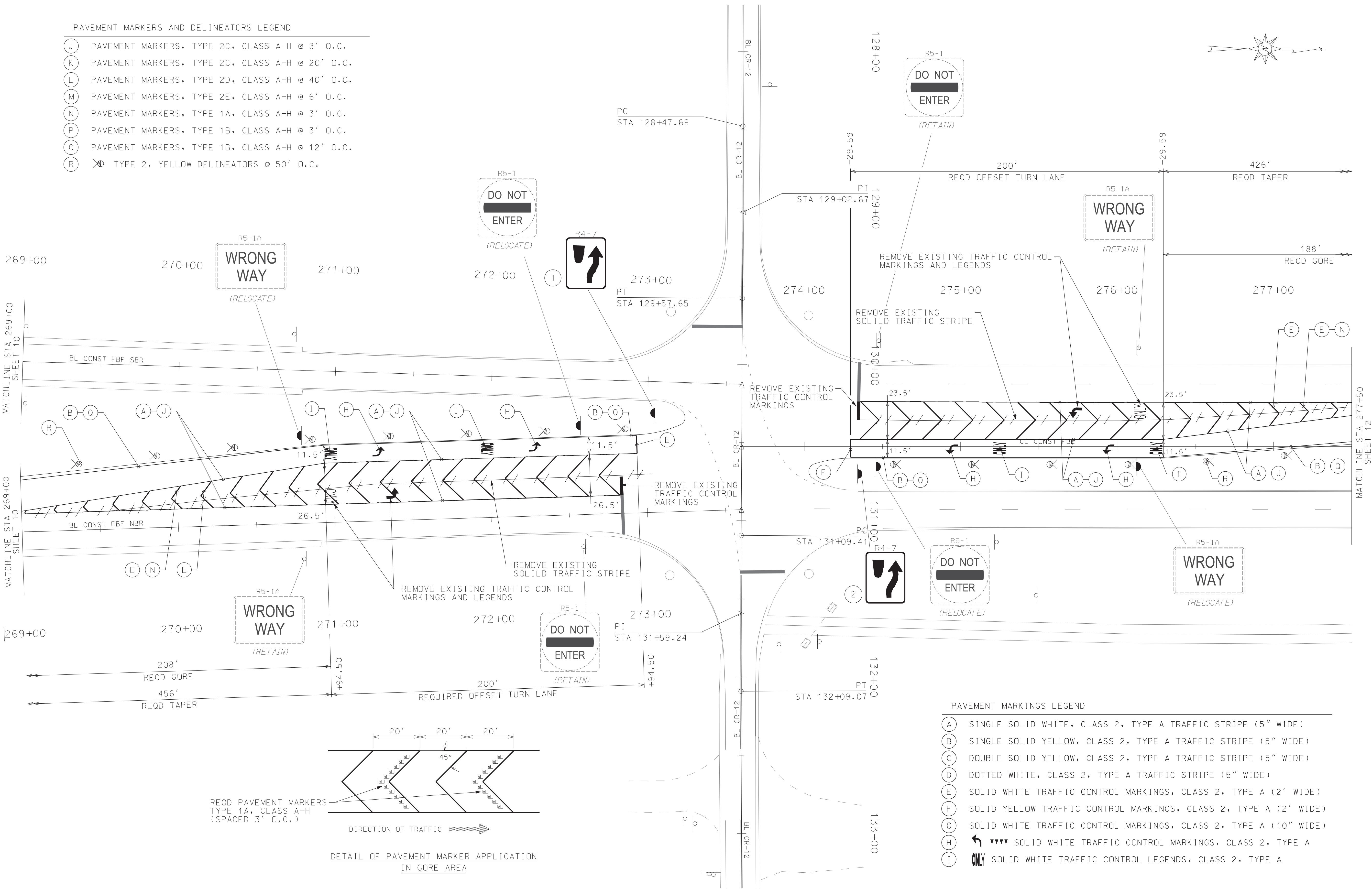


SHEET NUMBER		10		
DESIGNED	CHECKED	DATE	01/31/2020	
DETAILED	CHECKED	SCALE	1"=30'	
REVIEWED	CDW	SERIES NUMBER	1 OF 3	
COUNTY		BALDWIN	PROJECT NUMBER	08.19.002
ROUTE		FOLEY BEACH EXPRESS	BY	
REVISION OR CHANGE ORDER DESCRIPTION		NO.	DATE	

400-3020-5139
INTERSECTIONS ON FOLEY BEACH EXPRESS AT CR-12
CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12
SIGNING AND STRIPING LAYOUT SHEET

PAVEMENT MARKERS AND DELINEATORS LEGEND

- J PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 3' O.C.
- K PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 20' O.C.
- L PAVEMENT MARKERS, TYPE 2D, CLASS A-H @ 40' O.C.
- M PAVEMENT MARKERS, TYPE 2E, CLASS A-H @ 6' O.C.
- N PAVEMENT MARKERS, TYPE 1A, CLASS A-H @ 3' O.C.
- P PAVEMENT MARKERS, TYPE 1B, CLASS A-H @ 3' O.C.
- Q PAVEMENT MARKERS, TYPE 1B, CLASS A-H @ 12' O.C.
- R TYPE 2, YELLOW DELINEATORS @ 50' O.C.

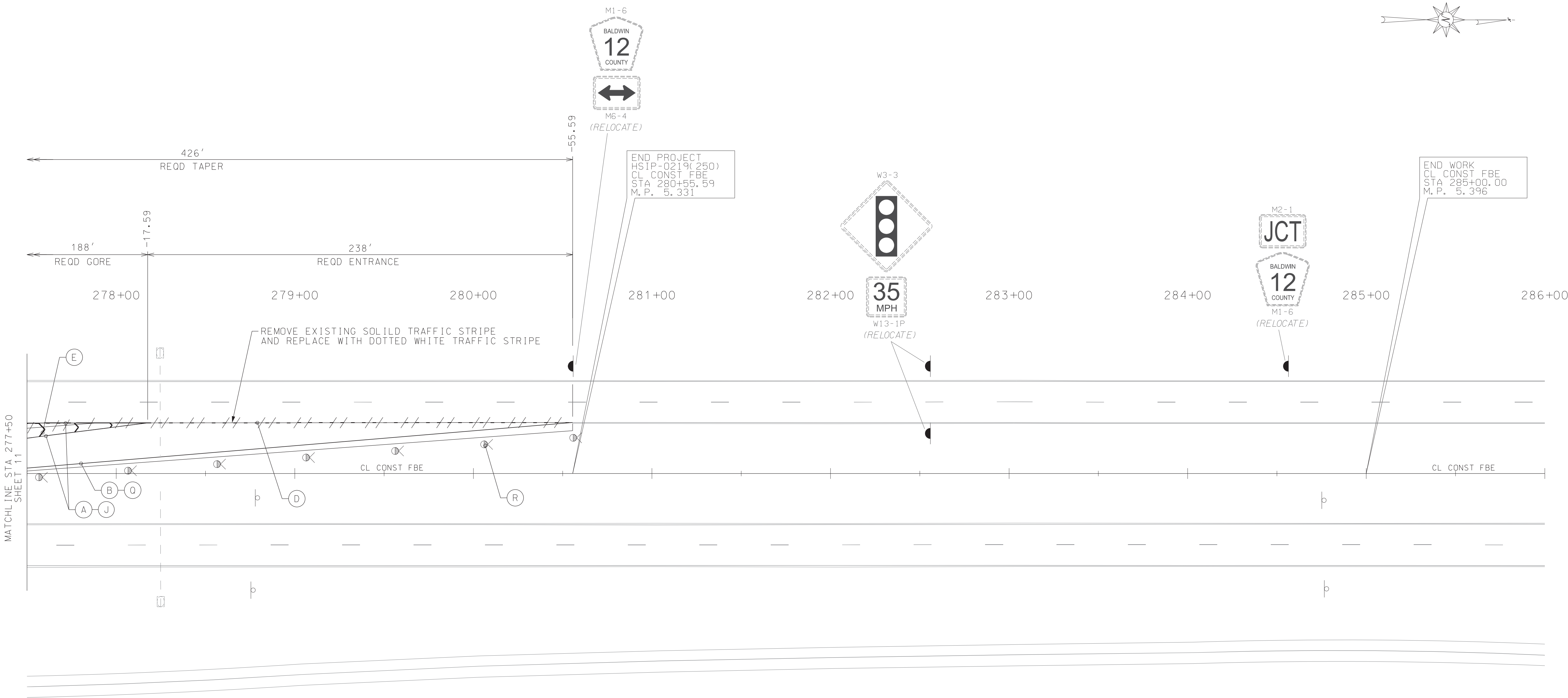


PAVEMENT MARKINGS LEGEND

- A SINGLE SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- B SINGLE SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- C DOUBLE SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- D DOTTED WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- E SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (2' WIDE)
- F SOLID YELLOW TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (2' WIDE)
- G SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (10" WIDE)
- H SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A
- I ONLY SOLID WHITE TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A



SHEET NUMBER		11	
01/31/2020	DATE	BALDWIN	COUNTY
1"=30'	SCALE	FOLEY BEACH EXPRESS	ROUTE
08.19.002	SERIES NUMBER	08.19.002	PROJECT NUMBER
CDW	REVIEWED	CDW	BY
REVISION OR CHANGE ORDER DESCRIPTION			
NO. DATE			
PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12			
SHEET TITLE SIGNING AND STRIPING LAYOUT SHEET			
400-3020-5139			
Foley			
BKI			



PAVEMENT MARKERS AND DELINEATORS LEGEND

- (J) PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 3' O.C.
- (K) PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 20' O.C.
- (L) PAVEMENT MARKERS, TYPE 2D, CLASS A-H @ 40' O.C.
- (M) PAVEMENT MARKERS, TYPE 2E, CLASS A-H @ 6' O.C.
- (N) PAVEMENT MARKERS, TYPE 1A, CLASS A-H @ 3' O.C.
- (P) PAVEMENT MARKERS, TYPE 1B, CLASS A-H @ 3' O.C.
- (Q) PAVEMENT MARKERS, TYPE 1B, CLASS A-H @ 12' O.C.
- (R) TYPE 2, YELLOW DELINEATORS @ 50' O.C.

PAVEMENT MARKINGS LEGEND

- (A) SINGLE SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- (B) SINGLE SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- (C) DOUBLE SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- (D) DOTTED WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- (E) SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (2' WIDE)
- (F) SOLID YELLOW TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (2' WIDE)
- (G) SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (10" WIDE)
- (H) SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A
- (I) SOLID WHITE TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A



PROJECT

HSIP-0219(250)

CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12

400-3020-5139

INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12

SIGNING AND STRIPING LAYOUT SHEET

City of

Foley

PROJECT

NO.

DATE

REVISION OR CHANGE ORDER DESCRIPTION

BY

DESIGNED

CHECKED

DETAILED

CHECKED

REVIEWED

CDW

COUNTY

BALDWIN

ROUTE

FOLEY BEACH EXPRESS

PROJECT NUMBER

08.19.002

DATE

01/31/2020

SCALE

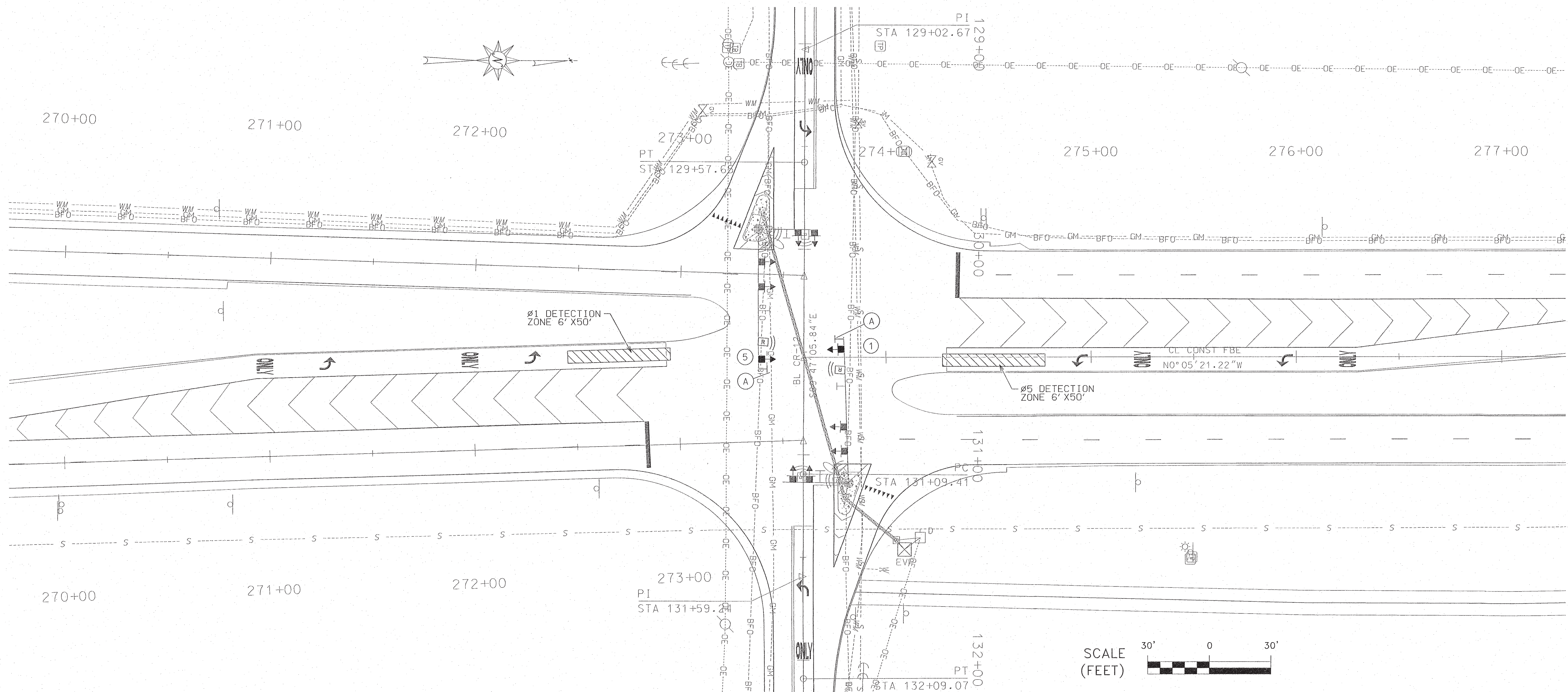
1"=30'

SERIES NUMBER

3 OF 3

SHEET NUMBER

12



FOLEY BEACH EXPRESS AT CR-12

REQUIRED SIGNAL HEADS

1.5

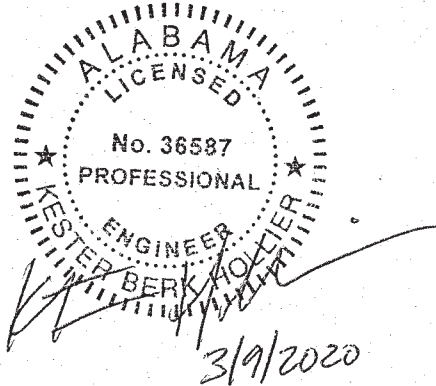
REQUIRED SIGNS


LEFT TURN
YIELD
ON FLASHING
YELLOW
ARROW

30" X 36"

(A)

- TRAFFIC SIGNAL NOTES
- 1. SEE SHEET 56 FOR TRAFFIC SIGNAL REMOVAL PLAN.
 - 2. SEE SHEET 57 OR 58 FOR ADDITIONAL REQUIRED TRAFFIC SIGNAL LAYOUT DETAILS AND NOTES.
 - 3. SEE ALDOT SPECIAL DRAWING NO. T.S.D.-730-18 FOR FLASHING YELLOW ARROW SIGN.



<div></div> <div>PROJECT HSIP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12</div> <div>400-3020-5139 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12</div>	TRAFFIC SIGNAL PLAN SHEET										SHEET TITLE		
	City of Foley												
					</								

SEQUENCE OF CONSTRUCTION

- PHASE I
 - PLACE ALL APPLICABLE TRAFFIC CONTROL DEVICES.
 - INSTALL BMPS AS SHOWN ON EROSION CONTROL PLAN SHEETS.
- PHASE II
 - PERFORM THE REQUIRED GRADING, DRAINAGE, AND BASE OPERATIONS FOR THE WIDENING NEEDED FOR THE OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS.
 - PERFORM THE REQUIRED CROSS SLOPE CORRECTIONS ON COUNTY ROAD 12 UTILIZING PLANNING AND LEVELING.
 - PERFORM THE REQUIRED GRADING, DRAINAGE, AND BASE OPERATIONS FOR THE WIDENING NEEDED FOR THE TURN LANES ON COUNTY ROAD 12.
 - IF ADDITIVE ALTERNATE NO. 1 IS SELECTED:
 - PERFORM THE REQUIRED GRADING, DRAINAGE, AND BASE OPERATIONS FOR THE WIDENING NEEDED FOR THE ACCELERATION AND DECELERATION LANES ON FOLEY BEACH EXPRESS.
 - INSTALL TEMPORARY TRAFFIC STRIPING AND MARKINGS TO MATCH THE FINAL STRIPE LAYOUT AS SHOWN ON THE SIGNING AND STRIPING SHEETS.
- PHASE III
 - PERFORM THE REQUIRED PAVEMENT REMOVAL AND CONSTRUCT THE CHANNELIZING ISLANDS ON COUNTY ROAD 12.
 - PERFORM THE REQUIRED TRAFFIC SIGNAL WORK AT FOLEY BEACH EXPRESS AND COUNTY ROAD 12.
 - PLACE THE REQUIRED WEARING SURFACE LAYER ALONG ENTIRE PROJECT.
 - INSTALL TEMPORARY TRAFFIC STRIPING AND MARKINGS TO MATCH THE FINAL STRIPING LAYOUT AS SHOWN ON THE SIGNING AND STRIPING SHEETS.
 - INSTALL THE REQUIRED SIGNS AS SHOWN ON THE SIGNING AND STRIPING SHEETS.
- PHASE IV
 - INSTALL THE REQUIRED PERMANENT STRIPING, MARKINGS, LEGENDS AND RAISED PAVEMENT MARKERS AS SHOWN ON THE SIGNING AND STRIPING SHEETS.
 - COMPLETE ALL REMAINING ITEMS OF WORK.
 - REMOVE ANY REMAINING BMP’S AND TEMPORARY TRAFFIC CONTROL DEVICES AND OPEN ALL LANES TO TRAFFIC.

NOTES:

1. ANY ITEM OF WORK MAY BE PERFORMED CONCURRENTLY WITH OTHER ITEMS OF WORK WITH THE APPROVAL OF THE ENGINEER AS LONG AS THERE IS NO CONFLICT WITH OTHER SEQUENCED ITEMS.

TRAFFIC CONTROL PLAN QUANTITIES						
ITEM NO	DESCRIPTION	UNIT	HSIP-0219(250) QUANTITY	400-3020-5139 QUANTITY	400-3020-5139 ADD ALT NO 1 QUANTITY	SPECIAL OR STANDARD DRAWING
674A-000	CONSTRUCTION SAFETY FENCE	LIN FT	-	150	-	
740B-000	CONSTRUCTION SIGNS	SQ FT	439	359	40	IHS-710-12, IHS-710-21, IHS-710-23
740D-000	CHANNELIZING DRUMS	EACH	100	80	-	TCD-100
740E-000	CONES (36 INCHES HIGH)	EACH	25	100	-	TCD-100
740F-002	BARRICADES, TYPE III	EACH	2	2	4	B-107-2
740I-002	WARNING LIGHTS, TYPE B	EACH	8	4	4	B-107-2
740M-001	BALLAST FOR CONE	EACH	25	100	-	TCD-100
741C-010	PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT	EACH	2	-	-	
742A-001	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	-	2	-	PCMS-710
745A-000	UNIFORMED POLICE OFFICER	HOURL	40	60	-	

TCP NOTES

700-705
707
710-713
715-716
720
725
727-729
732-737
741-742
744
748-749
751-752

CONSTRUCTION SIGNS (740B) (HSIP-0219(250))							
SIGN NO	DESCRIPTION	SIZE	QUANTITY	AREA (SQ FT)	TOTAL AREA (SQ FT)	SPECIAL OR STANDARD DRAWING	SIGN MOUNT
G20-2	END ROAD WORK	48"X24"	2	8.00	16.00	SHS-30	POST
R2-1	SPEED LIMIT 55	24"X30"	4	5.00	20.00	SHS-1	POST
R2-1	SPEED LIMIT 45	24"X30"	2	5.00	10.00	SHS-1	POST
R11-2	ROAD CLOSED	48"X30"	2	10.00	20.00	SHS-8	BARRICADE
R16-3	WHEN WORKERS ARE PRESENT SPEEDING FINES DOUBLED	48"X60"	2	20.00	40.00	SHS-10	POST
R16-3a	END DOUBLED FINES	48"X48"	2	16.00	32.00	SHS-10	POST
W3-5b	REDUCED SPEED AHEAD	48"X48"	2	16.00	32.00	SHS-26	POST
W4-2	LANE ENDS MERGE RIGHT	48"X48"	2	16.00	32.00	SHS-26	TEMP
W8-17	SHOULDER DROP OFF	30"X30"	2	6.25	12.50	SHS-28	POST
W20-1	ROAD WORK AHEAD	48"X48"	2	16.00	32.00	SHS-29	POST
W20-1	ROAD WORK 1/2 MILE	48"X48"	2	16.00	32.00	SHS-29	POST
W20-1	ROAD WORK 1500 FT	48"X48"	2	16.00	32.00	SHS-29	POST
W20-1	ROAD WORK 500 FT	48"X48"	2	16.00	32.00	SHS-29	POST
W20-5	LEFT LANE CLOSED 1500 FT	48"X48"	2	16.00	32.00	SHS-29	TEMP
W20-5	LEFT LANE CLOSED 1000 FT	48"X48"	2	16.00	32.00	SHS-29	TEMP
W20-7	FLAGGER SYMBOL	48"X48"	2	16.00	32.00	SHS-29	TEMP
TOTAL AREA					439		

CONSTRUCTION SIGNS (740B) (400-3020-5139)							
SIGN NO	DESCRIPTION	SIZE	QUANTITY	AREA (SQ FT)	TOTAL AREA (SQ FT)	SPECIAL OR STANDARD DRAWING	SIGN MOUNT
G20-2	END ROAD WORK	48"X24"	2	8.00	16.00	SHS-30	POST
R2-1	SPEED LIMIT 45	24"X30"	2	5.00	10.00	SHS-1	POST
R2-1	SPEED LIMIT 35	24"X30"	2	5.00	10.00	SHS-1	POST
R9-9	SIDEWALK CLOSED	24"X12"	2	2.00	4.00	SHS-7	BARRICADE
R16-3	WHEN WORKERS ARE PRESENT SPEEDING FINES DOUBLED	48"X60"	2	20.00	40.00	SHS-10	POST
R16-3a	END DOUBLED FINES	48"X48"	2	16.00	32.00	SHS-10	POST
W3-5b	REDUCED SPEED AHEAD	48"X48"	2	16.00	32.00	SHS-26	POST
W8-15p	GROOVED PAVEMENT	48"X48"	2	16.00	32.00	SHS-28	POST
W8-17	MOTORCYCLE PLAQUE	30"X24"	2	5.00	10.00	SHS-28	POST
W8-17	SHOULDER DROP OFF	30"X30"	2	6.25	12.50	SHS-28	POST
W20-1	ROAD WORK 1500 FT	48"X48"	2	16.00	32.00	SHS-29	POST
W20-1	ROAD WORK 1000 FT	48"X48"	2	16.00	32.00	SHS-29	POST
W20-1	ROAD WORK 500 FT	48"X48"	2	16.00	32.00	SHS-29	POST
W20-4	ONE LANE ROAD AHEAD	48"X48"	2	16.00	32.00	SHS-29	TEMP
W20-7	FLAGGER SYMBOL	48"X48"	2	16.00	32.00	SHS-29	TEMP
TOTAL AREA					359		

CONSTRUCTION SIGNS (740B) - ADDITIVE ALTERNATE NO 1 (400-3020-5139)							
SIGN NO	DESCRIPTION	SIZE	QUANTITY	AREA (SQ FT)	TOTAL AREA (SQ FT)	SPECIAL OR STANDARD DRAWING	SIGN MOUNT
R11-2	ROAD CLOSED	48"X30"	4	10.00	40.00	SHS-8	BARRICADE
TOTAL AREA					40		

SHEET NUMBER

16

01/31/2020

DATE

NTS

SCALE

1 OF 1

SERIES NUMBER

BALDWIN

COUNTY

FOLEY BEACH EXPRESS

ROUTE

08.19.002

PROJECT NUMBER

CDW

REVIEWED

DESIGNED

CHECKED

DETAILED

CHECKED

BY

REVISION OR CHANGE ORDER DESCRIPTION

NO.

DATE

City of

Foley

PROJECT

400-3020-5139

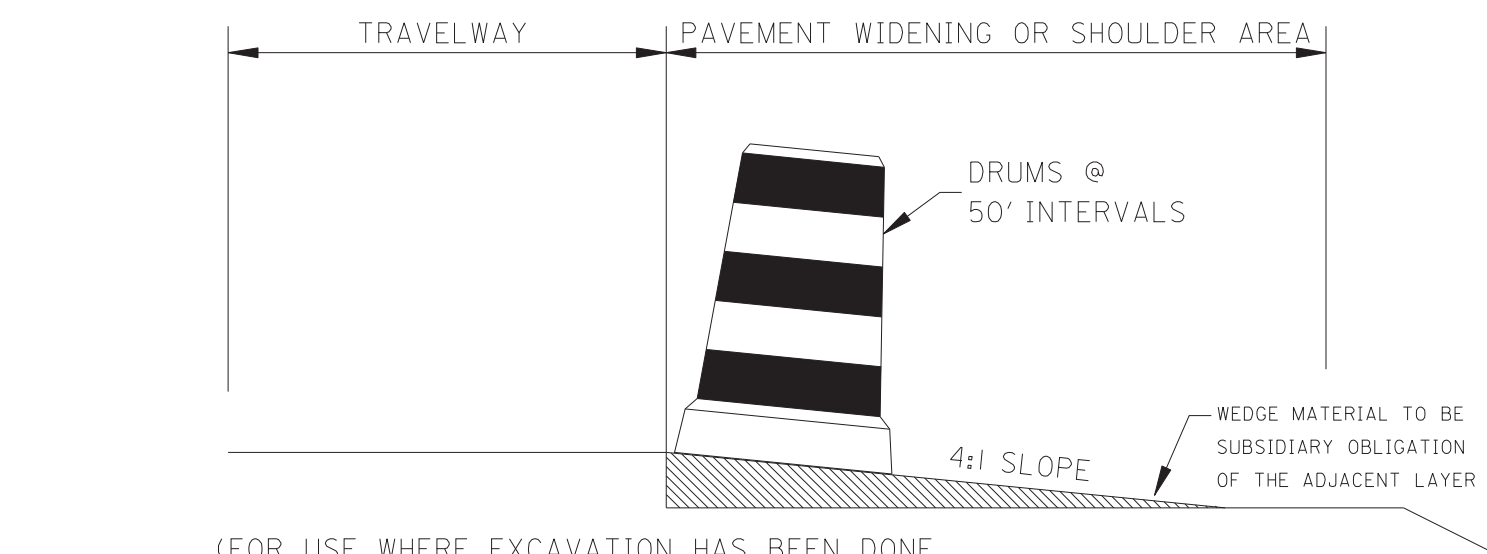
CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12

INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PLAN DETAILS

BKI

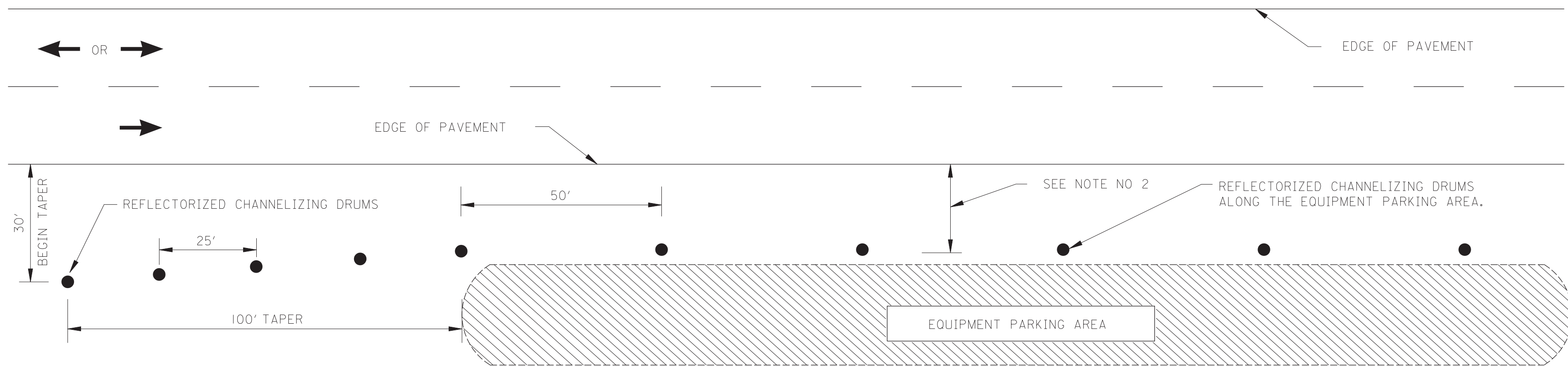


(FOR USE WHERE EXCAVATION HAS BEEN DONE, BUT WIDENING IS NOT COMPLETED BY NIGHTFALL OR WHERE PAVEMENT DROP OFF OF RESURFACING PROJECTS IS 3' OR MORE AT NIGHTFALL)

TYPICAL FOR DROP-OFF AT EDGE OF PAVEMENT

NOTE: THE CONTRACTOR IS TO CONSTRUCT A WEDGE OF UNCLASSIFIED EXCAVATION OR CRUSHED AGGREGATE BASE, THE COST OF PLACING AND REMOVAL SHALL BE A SUBSIDIARY OBLIGATION OF THE ADJACENT LAYER.

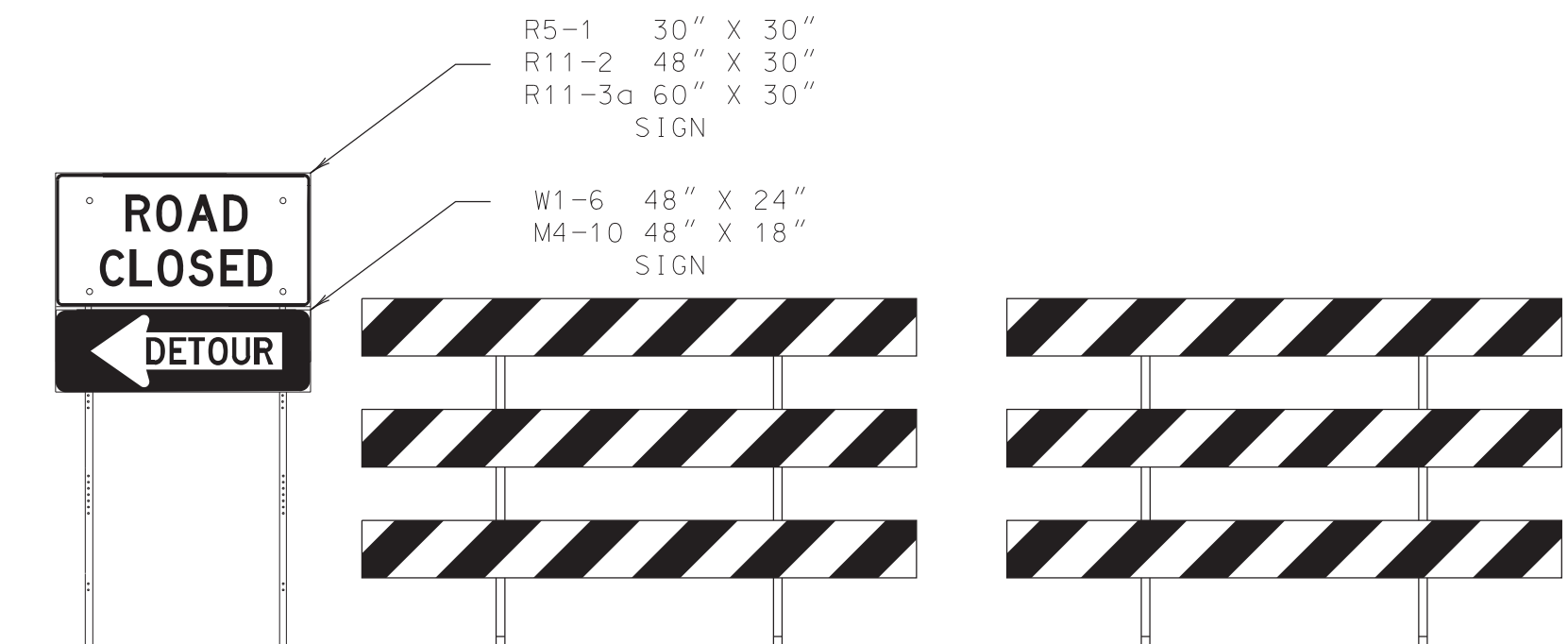
CHANNELIZING DRUMS SHALL BE PLACED AT 50 FT INTERVALS.



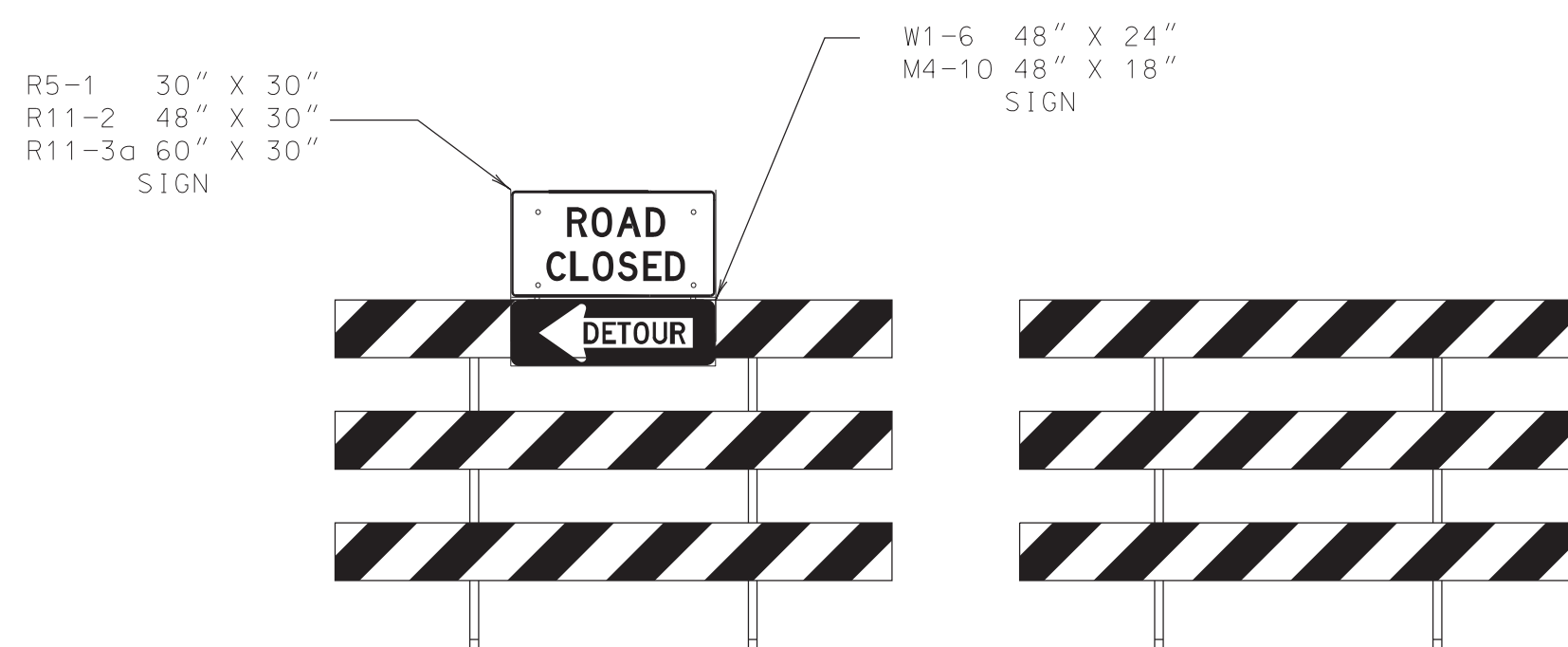
NOTES:

- SEE ALDOT'S GENERAL TRAFFIC CONTROL PLAN NOTE NO. 702.
- DRUMS TO BE AS FAR AS PRACTICAL FROM EDGE OF PAVEMENT. MINIMUM DESIRABLE DISTANCE IS 15 FEET FOR FREEWAY TYPE FACILITIES AND 10 FEET FOR OTHER FACILITIES. FOR UNUSUAL CONDITIONS, SUCH AS SPECIAL EQUIPMENT OR LIMITED AVAILABLE SPACE, DIMENSIONS LESS THAN DESIRABLE SHALL BE AS DIRECTED BY THE ENGINEER.
- ALL DEVICES TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE ALDOT.

DELINEATING DETAIL FOR EQUIPMENT PARKING OR STORING AREA



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES INSIDE OF CLEAR ZONE

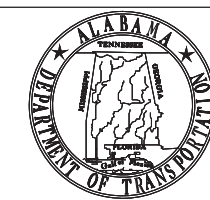


DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES OUTSIDE OF CLEAR ZONE

NOTES

- SLOPE OF STRIPES ON BARRICADES SHALL BE IN ACCORDANCE WITH SECTION 6F.68 OF THE MUTCD AND DRAWING B-107-2.
- IF SIGNS ARE REQUIRED TO BE USED IN CONJUNCTION WITH TYPE III BARRICADES TO BE PLACED INSIDE THE CLEAR ZONE, THEY SHALL BE POST MOUNTED TO THE SIDE OF THE BARRICADES AS SHOWN.
- IF ROAD CLOSED OR DETOUR SIGNS ARE REQUIRED TO BE USED WITH TYPE III BARRICADES TO BE PLACED OUTSIDE THE CLEAR ZONE, THEY SHALL BE PLACED ON THE TOP OF THE BARRICADES NEAREST THE DETOUR.

THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED USE OF THIS DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.



ALABAMA DEPARTMENT OF TRANSPORTATION

1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050


DESIGN BUREAU SPECIAL DRAWING
STANDARD DETAILS FOR
TRAFFIC CONTROL PLANS

DRAWN BY: _____
DATE DRAWN: 07/23/2019

SPECIAL PROJECT DETAIL

INDEX NO.
2001


SHEET NUMBER	16-A
DATE	01/31/2020
SCALE	NTS
SERIES NUMBER	1 OF 5
BALDWIN	
FOLEY BEACH EXPRESS	
ROUTE	
PROJECT NUMBER	08.19.002
CDW	
DESIGNED	
CHECKED	
DETAILED	
CHECKED	
REVIEWED	
BY	
REVISION OR CHANGE ORDER DESCRIPTION	
NO.	
DATE	



400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

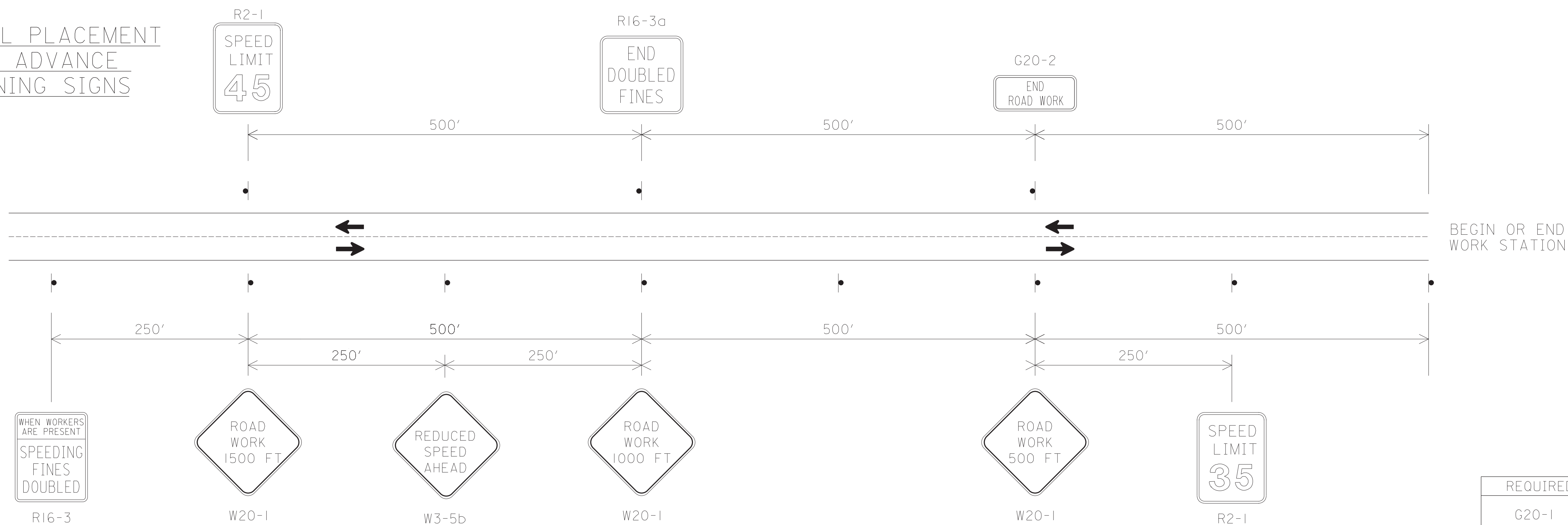
TEMPORARY TRAFFIC CONTROL PLAN DETAILS





INDEX NO.
2001A

TYPICAL PLACEMENT
FOR ADVANCE
WARNING SIGNS



GENERAL NOTES

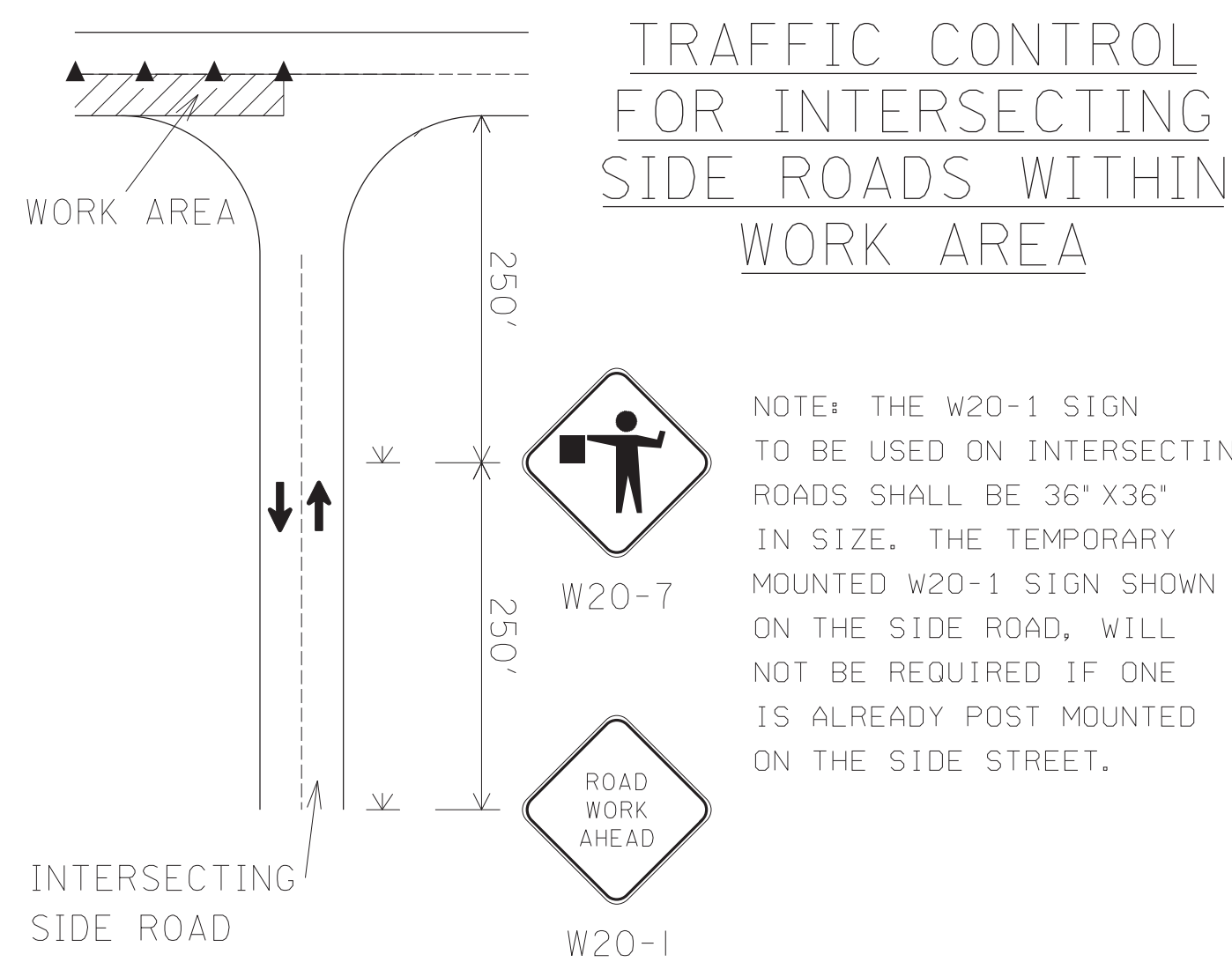
1. ALL ADVANCE WARNING SIGNS REQUIRED AT THE BEGINNING AND END OF PROJECT SHALL BE POST MOUNTED. ALL SIGNS REQUIRED FOR THE LANE CLOSURE SHALL BE TEMPORARY MOUNTED.

REQUIRED SIGN SIZES	
G20-1	48" X 24"
G20-2	48" X 24"
R2-1	24" X 30"
W3-5b	48" X 48"
R16-3	48" X 60"
R16-3a	48" X 48"
W20-1	48" X 48"
W20-4	48" X 48"
W20-7	48" X 48"

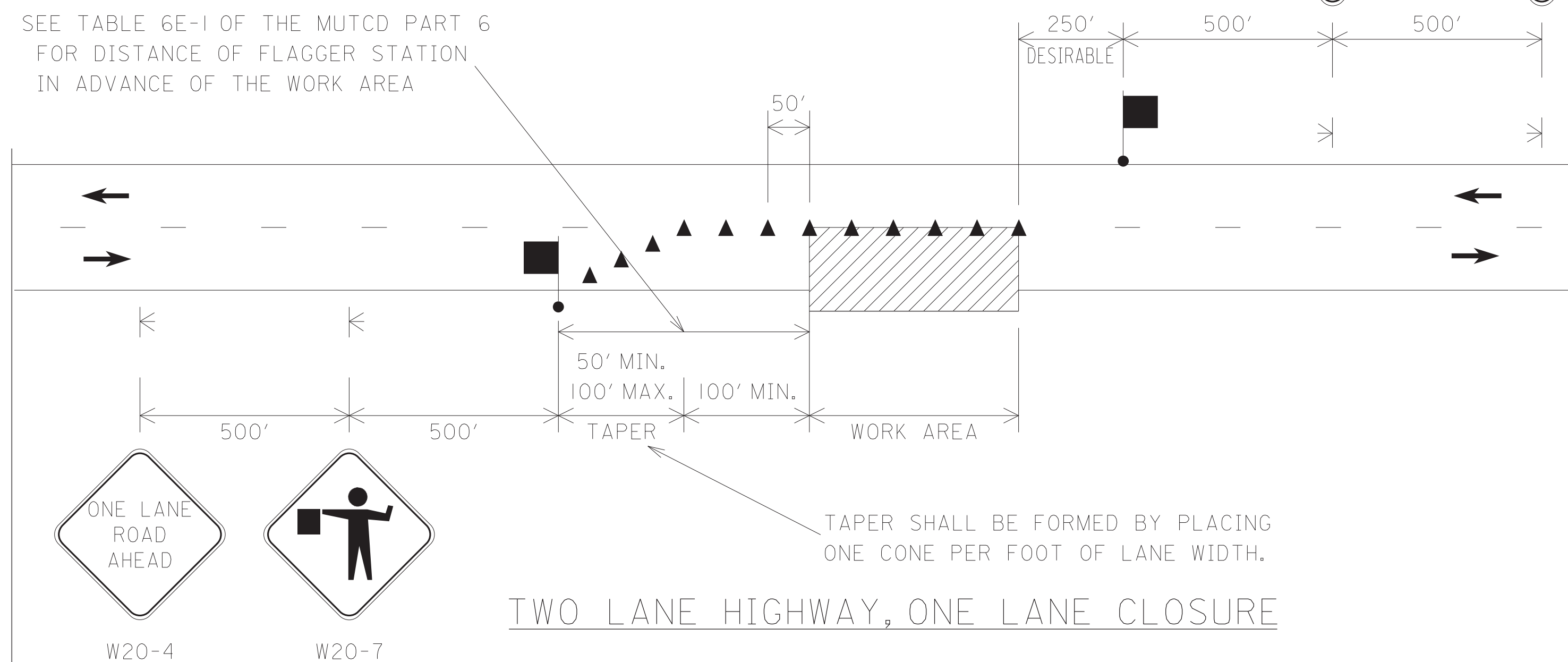
THE SIGN SIZES SHOWN ON THIS SHEET SHALL SUPERCEDE THOSE SHOWN ON THE STANDARD HIGHWAY SIGNS DRAWINGS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

LEGEND

- TEMPORARY MOUNTED SIGN
- POST MOUNTED SIGN
- CONES
- FLAGGER
- WORK AREA



NOTE: THE W20-1 SIGN TO BE USED ON INTERSECTING ROADS SHALL BE 36" X 36" IN SIZE. THE TEMPORARY MOUNTED W20-1 SIGN SHOWN ON THE SIDE ROAD, WILL NOT BE REQUIRED IF ONE IS ALREADY POST MOUNTED ON THE SIDE STREET.



TAPER SHALL BE FORMED BY PLACING ONE CONE PER FOOT OF LANE WIDTH.

THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED USE OF THIS DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

ALABAMA DEPARTMENT OF TRANSPORTATION

1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

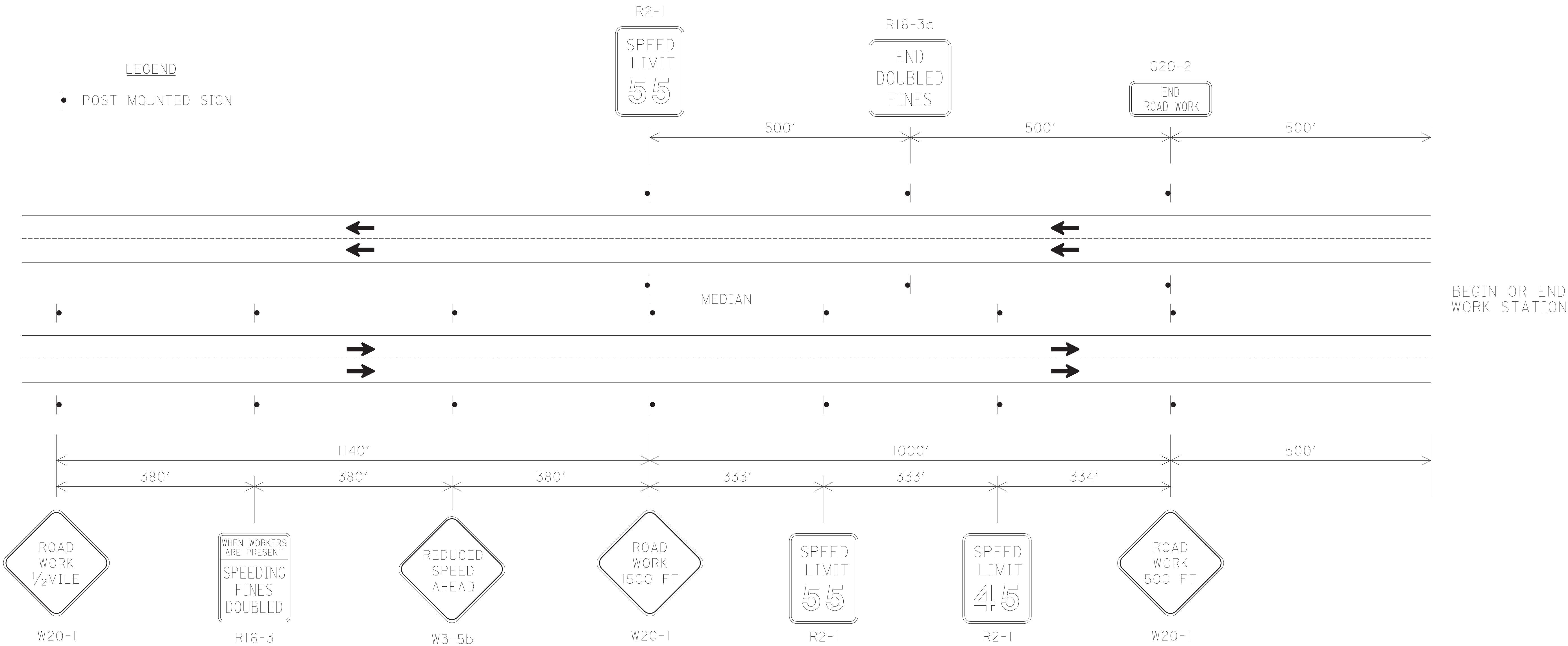
DESIGN BUREAU SPECIAL DRAWING
DETAILS FOR TRAFFIC CONTROL
FOR TWO LANE HIGHWAYS

DRAWN BY: _____
DATE: 06/12/2019

SPECIAL PROJECT DETAIL

INDEX NO. 2002

SHEET NUMBER	16-C
DATE	01/31/2020
SCALE	NTS
SERIES NUMBER	3 OF 5
COUNTY	BALDWIN
ROUTE	FOLEY BEACH EXPRESS
PROJECT NUMBER	08.19.002
DESIGNED	CHECKED
DETAILED	CHECKED
REVIEWED	CDW
BY	
DATE	
NO.	
REVISION OR CHANGE ORDER DESCRIPTION	
PROJECT	400-3020-5139 CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12
SHEET TITLE	TEMPORARY TRAFFIC CONTROL PLAN DETAILS
BKI	



GENERAL NOTES

1. ALL SIGNS SHALL BE POST MOUNTED AS SHOWN.

REQUIRED SIGN SIZES	
G20-2	48" X 24"
R2-1	30" X 36"
W3-5b	48" X 48"
R16-3	48" X 60"
R16-3a	48" X 48"
W20-1	48" X 48"

THE SIGN SIZES SHOWN ON THIS SHEET SHALL SUPERCEDE THOSE SHOWN ON THE STANDARD HIGHWAY SIGNS DRAWINGS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED USE OF THIS DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.



ALABAMA DEPARTMENT OF TRANSPORTATION

1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING
TYPICAL PLACEMENT OF ADVANCE
WARNING SIGNS FOR MULTILANE
DIVIDED HIGHWAYS

DRAWN BY: _____
DATE DRAWN: 06/12/2019

SPECIAL PROJECT DETAIL

INDEX NO.
2007

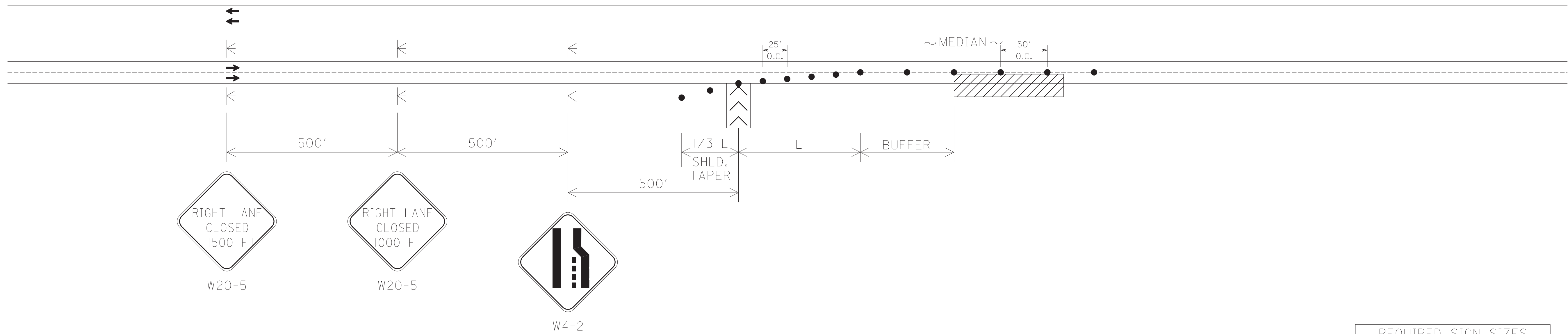
SHEET NUMBER	16-D
DATE	01/31/2020
SCALE	NTS
SERIES NUMBER	4 OF 5
COUNTY	BALDWIN
ROUTE	FOLEY BEACH EXPRESS
PROJECT NUMBER	08.19.002
DESIGNED	CEDW
CHECKED	
DETAILED	
CHECKED	
REVIEWED	
BY	
NO.	
DATE	
REVISION OR CHANGE ORDER DESCRIPTION	

400-3020-5139
INTERSECTIONS ON FOLEY BEACH EXPRESS AT CR-12

PROJECT HSP-0219(250)
CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12

SHEET TITLE
TEMPORARY TRAFFIC CONTROL PLAN DETAILS

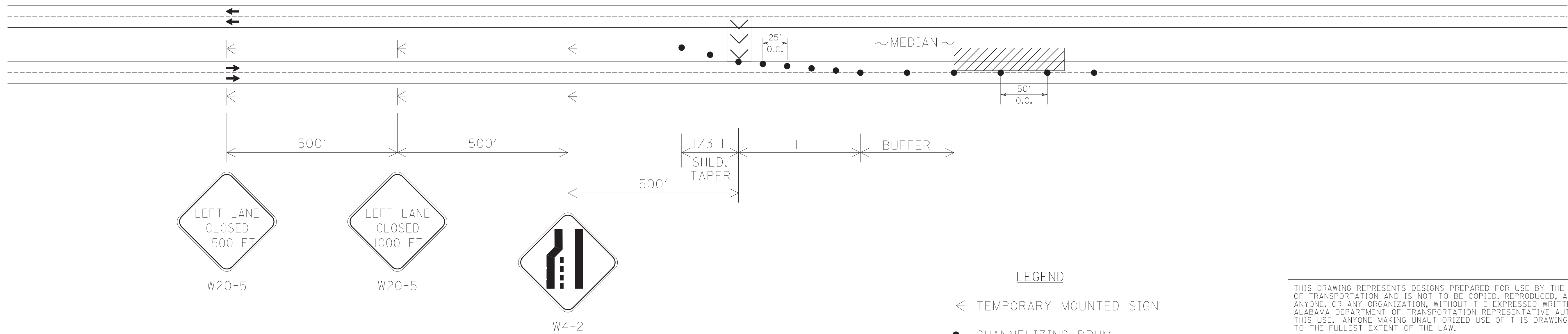
TYPICAL SCHEME FOR RIGHT LANE CLOSURE



REQUIRED SIGN SIZES	
W4-2	48" X 48"
W20-5	48" X 48"

THE SIGN SIZES SHOWN ON THIS SHEET SHALL SUPERCEDE THOSE SHOWN ON THE STANDARD HIGHWAY SIGNS DRAWINGS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TYPICAL SCHEME FOR LEFT LANE CLOSURE



LEGEND

- TEMPORARY MOUNTED SIGN
- CHANNELIZING DRUM
- WORK AREA
- PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT

GENERAL NOTES

- ALL SIGNS SHALL BE TEMPORARY MOUNTED AS SHOWN, UNLESS THE WORK PERIOD EXCEEDS FOUR (4) DAYS. IN SUCH CASES, THE SIGNS SHALL BE POST MOUNTED.

THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED USE OF THIS DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.



ALABAMA DEPARTMENT OF TRANSPORTATION

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MONTGOMERY, AL 36130-3050

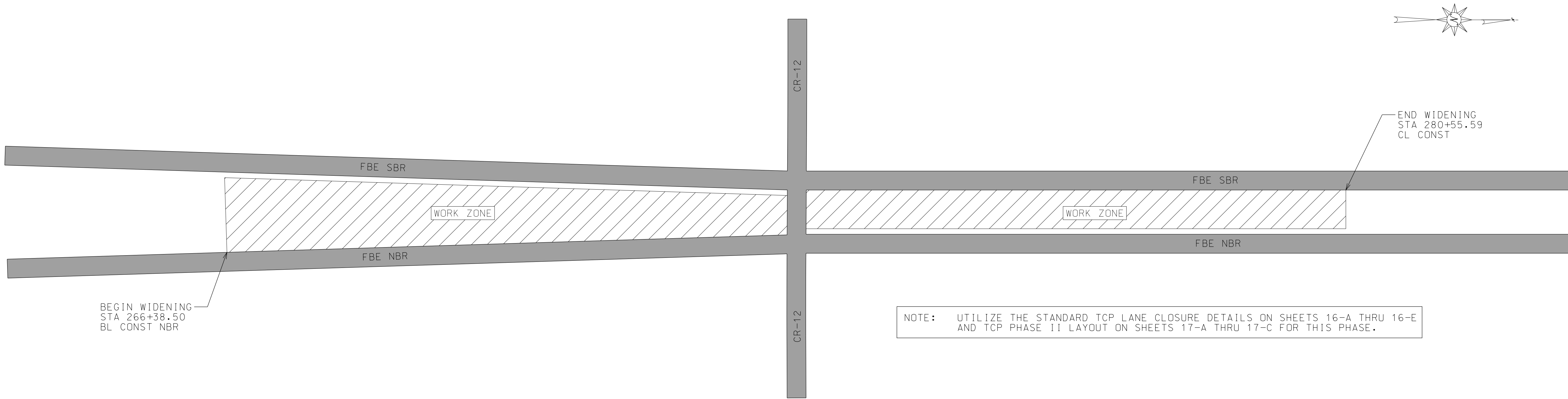
DESIGN BUREAU SPECIAL DRAWING
DETAILS FOR MULTILANE DIVIDED
HIGHWAY LANE CLOSURES

DRAWN BY: _____
DATE DRAWN: 06/12/2019

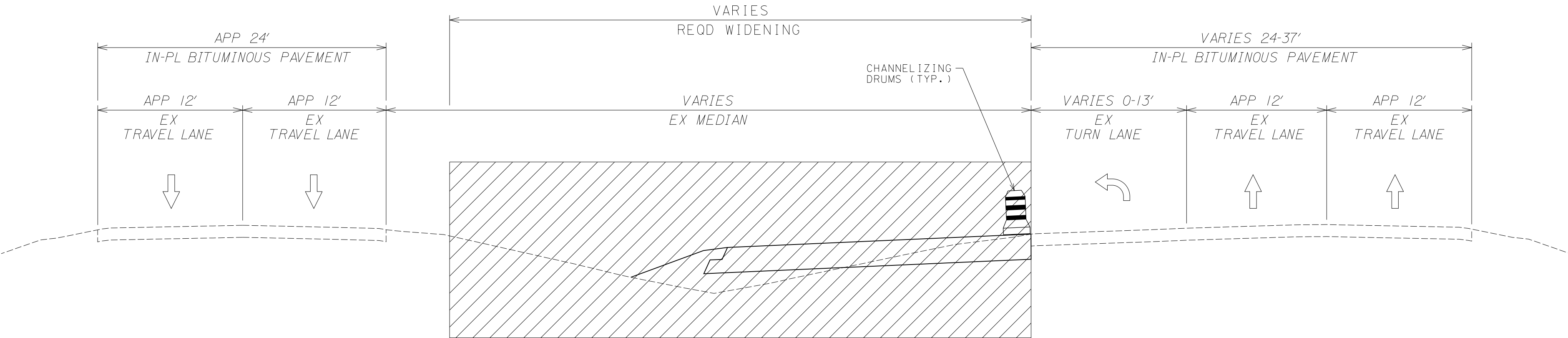
SPECIAL PROJECT DETAIL

INDEX NO.
2008

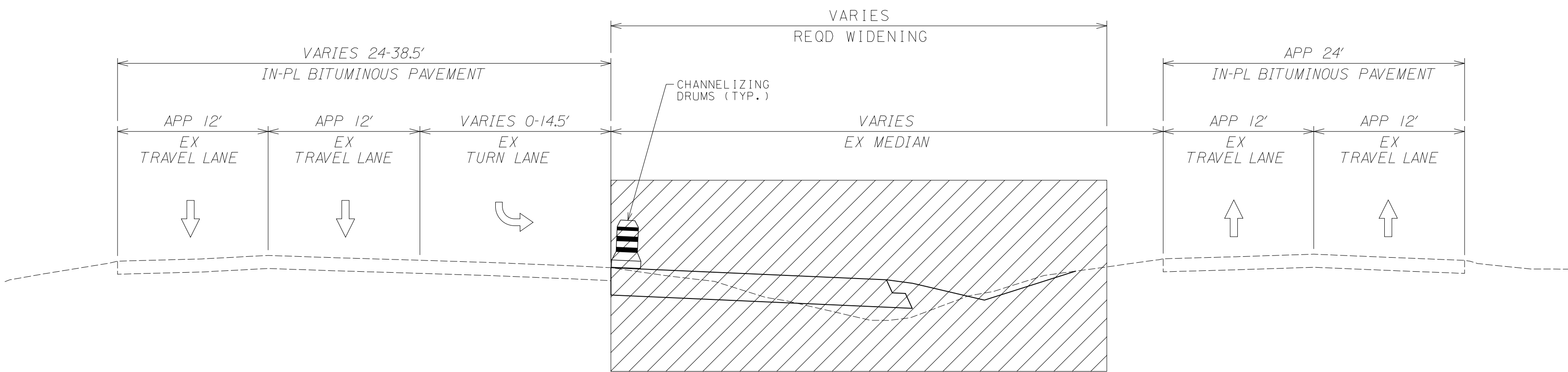
SHEET NUMBER	16-E
DATE	01/31/2020
SCALE	NTS
SERIES NUMBER	5 OF 5
COUNTY	BALDWIN
ROUTE	FOLEY BEACH EXPRESS
PROJECT NUMBER	08.19.002
DESIGNED	
CHECKED	
DETAILED	
CDW	
REVIEWED	
BY	
NO.	
DATE	
REVISION OR CHANGE ORDER DESCRIPTION	
400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	
HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	
TEMPORARY TRAFFIC CONTROL PLAN DETAILS	



NOTE: UTILIZE THE STANDARD TCP LANE CLOSURE DETAILS ON SHEETS 16-A THRU 16-E AND TCP PHASE II LAYOUT ON SHEETS 17-A THRU 17-C FOR THIS PHASE.

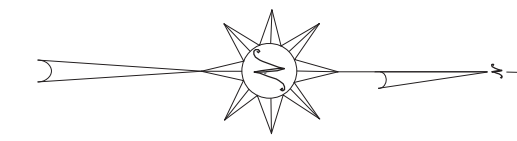


TCP TYPICAL SECTION PHASE II
FOLEY BEACH EXPRESS
NBR OFFSET LEFT TURN
NTS



TCP TYPICAL SECTION PHASE II
FOLEY BEACH EXPRESS
SBR OFFSET LEFT TURN
NTS

SHEET NUMBER	17-A
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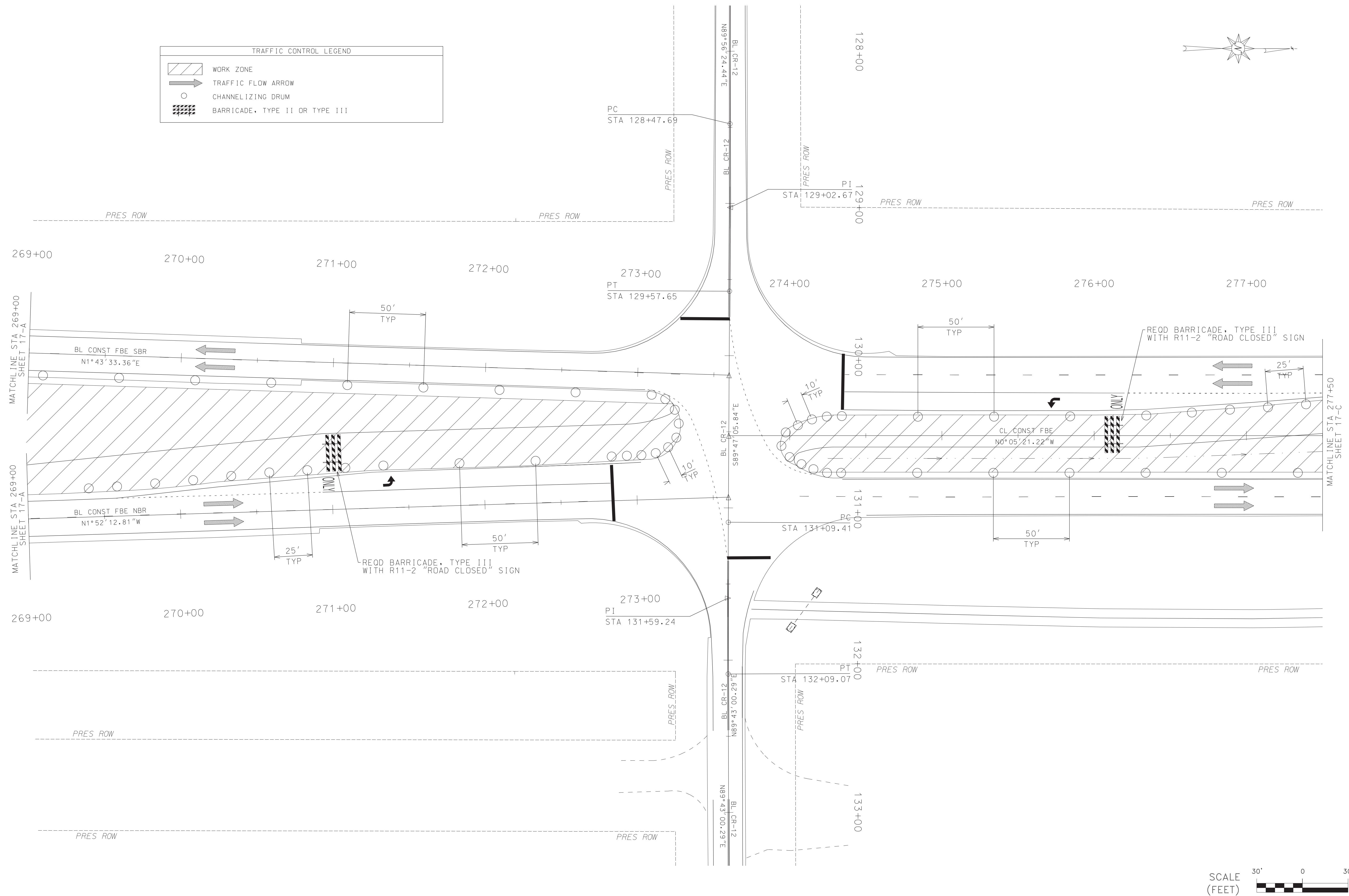
DESIGNED CHECKED	COUNTY	BALDWIN	DATE	01/31/2020	
DETAILED CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE	1"=30'	
REVIEWED	CDW	PROJECT NUMBER	OB 19.002	SERIES NUMBER	2 OF 4

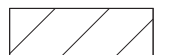


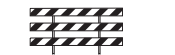
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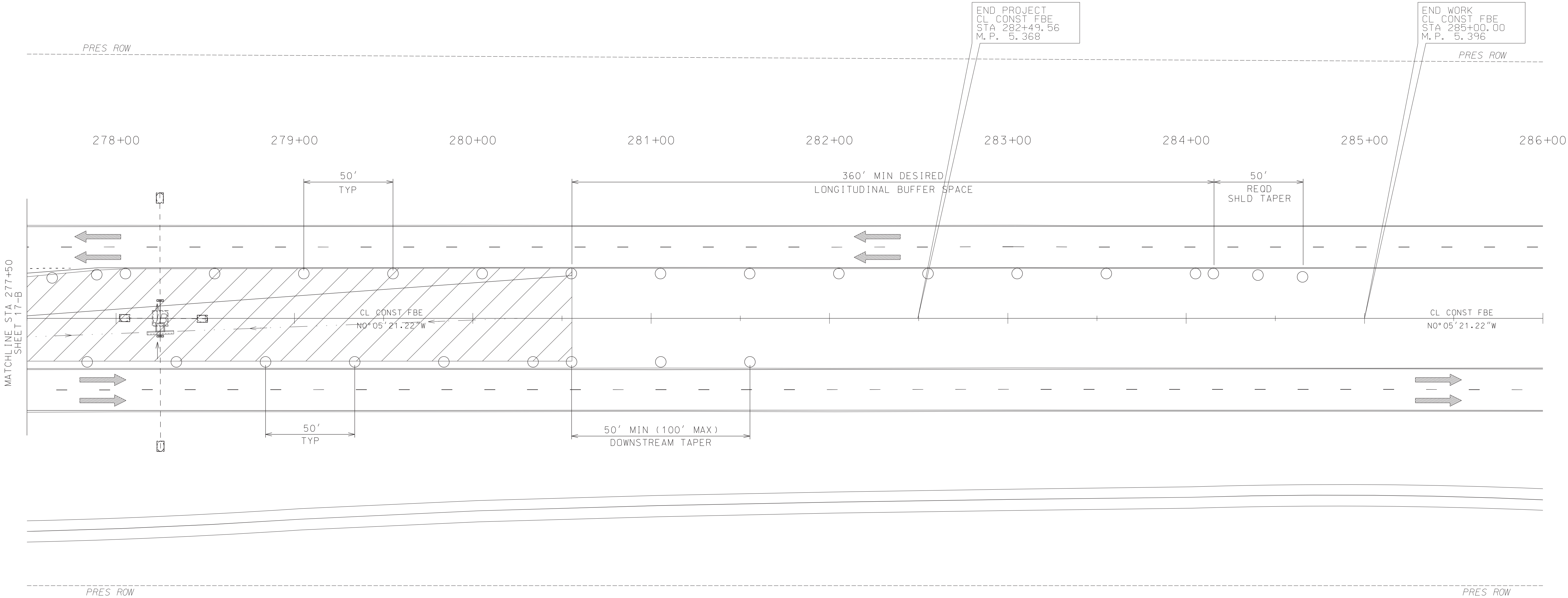
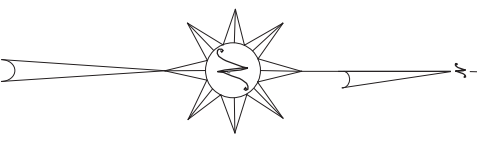
PROJECT	HSIS-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	400-2020-5439 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12
SHEET TITLE	TRAFFIC CONTROL PLAN: PHASE II	





HSIP-0219(250)

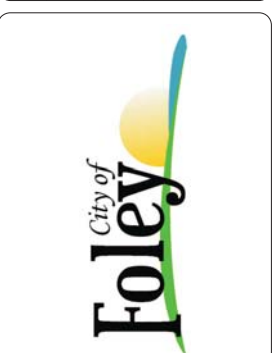
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TRAFFIC CONTROL LEGEND	
	WORK ZONE
	TRAFFIC FLOW ARROW
	CHANNELIZING DRUM
	BARRICADE, TYPE II OR TYPE III



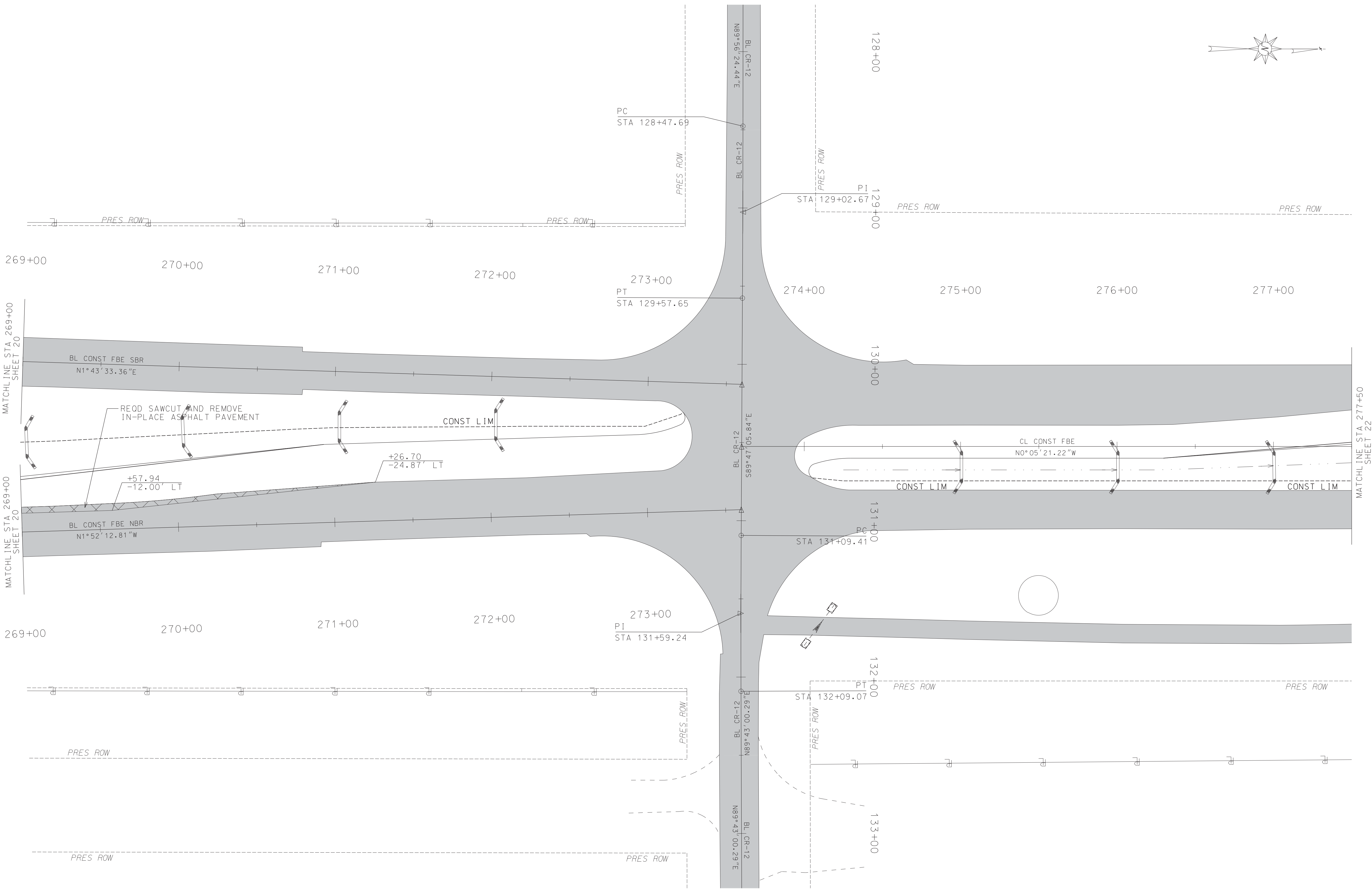
	PROJECT HSIP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		SHEET TITLE	
	TRAFFIC CONTROL PLAN: PHASE II					
		NO.		DATE	REVISION OR CHANGE ORDER DESCRIPTION	
DESIGNED		CHECKED	BY			
COUNTY	BALDWIN	ROUTE	FOLEY BEACH EXPRESS	PROJECT NUMBER	CDW	REVIEWED
SCALE	NTS	SERIES NUMBER	08.19.002	4 OF 4		
DATE	01/31/2020					
SHEET NUMBER	17-C					

SHEET NUMBER	20
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[illegible]

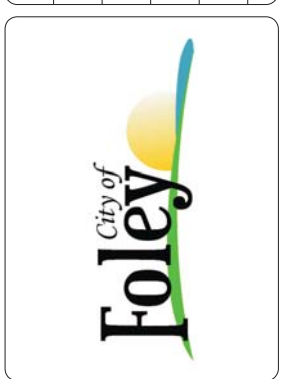
PROJECT: HSRP-0219-0201 400-3020-5130
CONSTRUCT OFF-SET LEFT INTERSECTION
TURN LANES ON FOLEY BEACH IMPROVEMENTS ON FOLEY
EXPRESS AT CR-12 BEACH EXPRESS AT CR-12





SHEET NUMBER	21
DATE	01/31/2020
SCALE	1"=30'
SERIES NUMBER	2 OF 3
COUNTY	BALDWIN
ROUTE	FOLEY BEACH EXPRESS
PROJECT NUMBER	08.19.002
DESIGNED	
CHECKED	
DETAILED	
CDW	
REVIEWED	

BY	
REVISION OR CHANGE ORDER DESCRIPTION	
NO.	
DATE	



PROJECT	HSIP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12
SHEET TITLE	EROSION CONTROL PLAN SHEET



END WORK
CL CONST FBE
STA 285+00.00
M. P. 5.396

END PROJECT
HSIP-0219(250)
CL CONST FBE
STA 280+55.59
M.P. 5.331

CL CONST FBE
NO° 05' 21.22" W

CL CONST FBE
NO° 05' 21.22" W

PRES ROW

PRES ROW

278+00

279+00

280+00

281+00

282+00

283+00

284+00

285+00

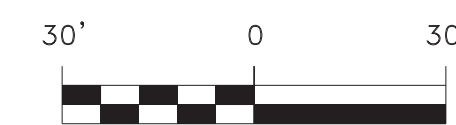
286+00



MATCHLINE STA 277+50
SHEET 21

PRES ROW

PRES ROW


SCALE
(FEET)



	PROJECT	HSUP-0219(250) CONSTRUCTION OF TURN LANE ON FOLEY BEACH EXPRESS AT CR-12 & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	DESIGNED CHECKED	COUNTY	BALDWIN	DATE	01/31/2020	SHEET NUMBER
		EROSION CONTROL PLAN SHEET						DETAILED CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE	NTS	3 OF 3

CROSS DRAINS (OPEN SYSTEM)												
INDEX NO. TO INDEX NO.	ROADWAY	STA	SKEW	SIZE AND TYPE	DRAINAGE AREA (ACRES)	Q 50 (CFS)	Q 200 (CFS)	HW 50 (FT)	HW 200 (FT)	V 50 (FT/SEC)	OVERTOPPING FLOOD (YEAR)	COMMENTS
1-2	BL CONST NBR	268+25	0°	29"S X 18"R (CLASS 3 RC) (EXTENSION)	-	-	-	-	-	-	-	RETAIN AND EXTEND IN-PLACE PIPE

STORM SEWER (CLOSED SYSTEM)				
INDEX NO. TO INDEX NO.	DRAINAGE STRUCTURE SIZE AND TYPE	UPPER INVERT ELEVATION (FT)	WORKING POINT ELEVATION (FT)	COMMENTS
3-4	29"S X 18"R (CLASS 3 RC)	52.05	-	
4-5	29"S X 18"R (CLASS 3 RC)	52.03	54.25	




PROJECT HSIP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

&
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

HYDRAULIC DATA SHEET



DESIGNED
CHECKED
DETAILED
CHECKED

REVIEWED
CDW

BY

COUNTY BALDWIN

ROUTE FOLEY BEACH EXPRESS

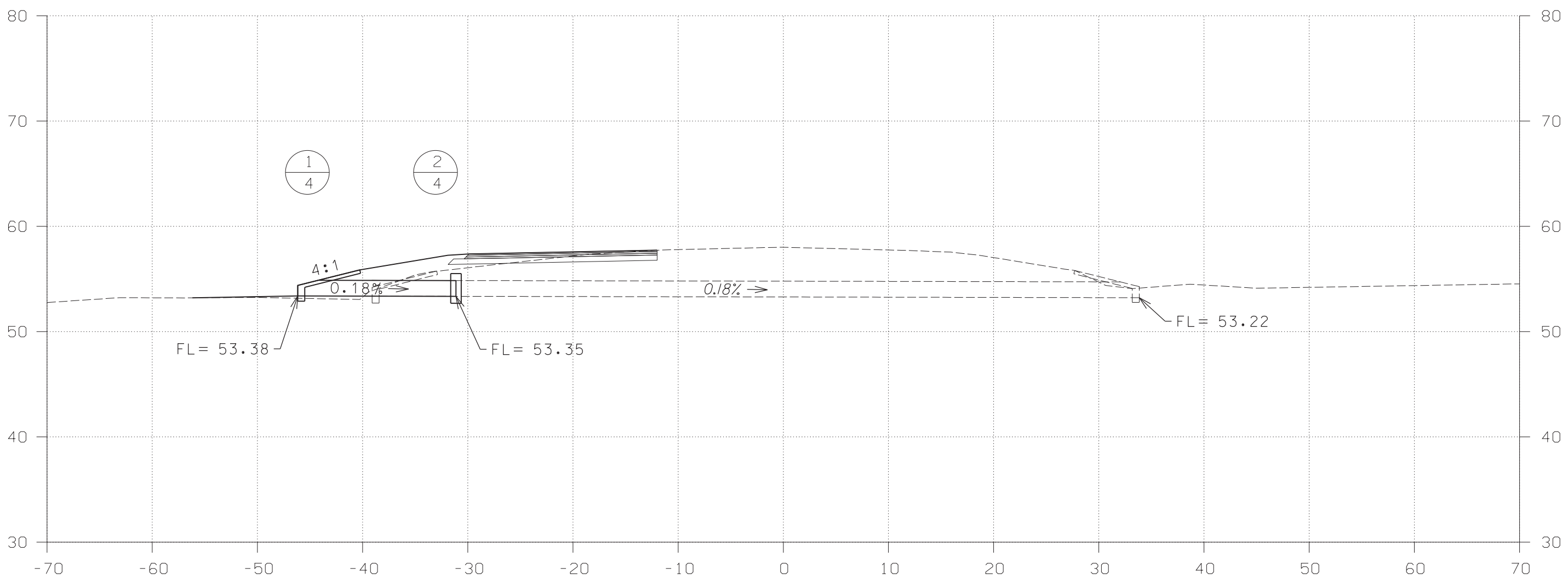
PROJECT NUMBER OB 19.002

DATE 01/31/2020

SCALE NTS

SHEET NUMBER 1 OF 1

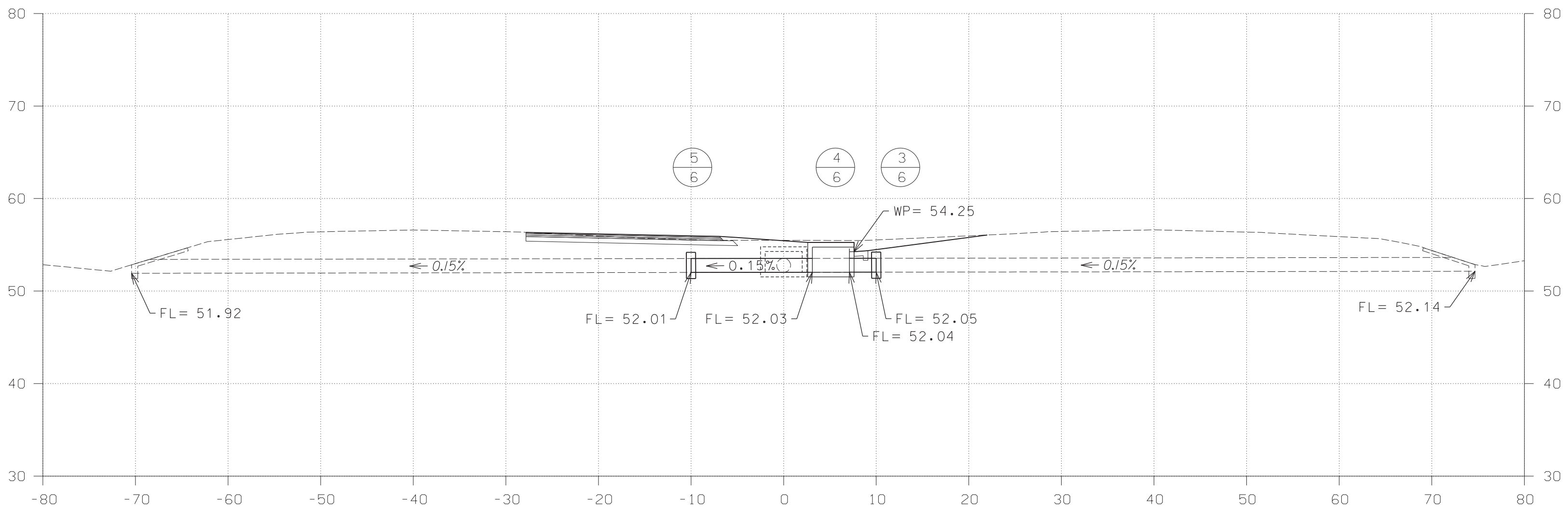
SHEET NUMBER 23



STA 268+24.88, BL CONST NBR

IN-PL: STA 268+24.88, NO SKEW, 29'S X 18'R RCP & 2-HDWL (REMOVE LT SIDE)

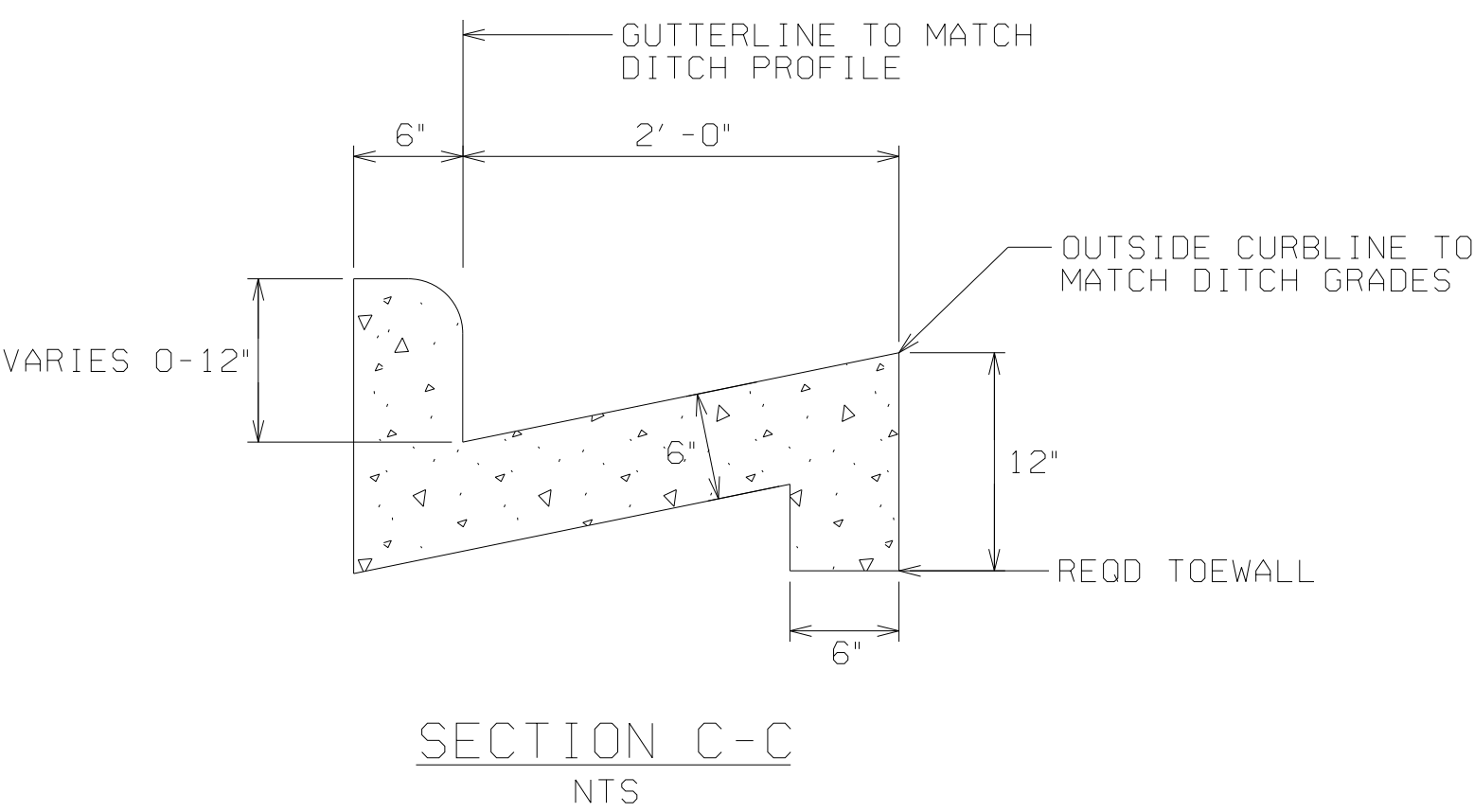
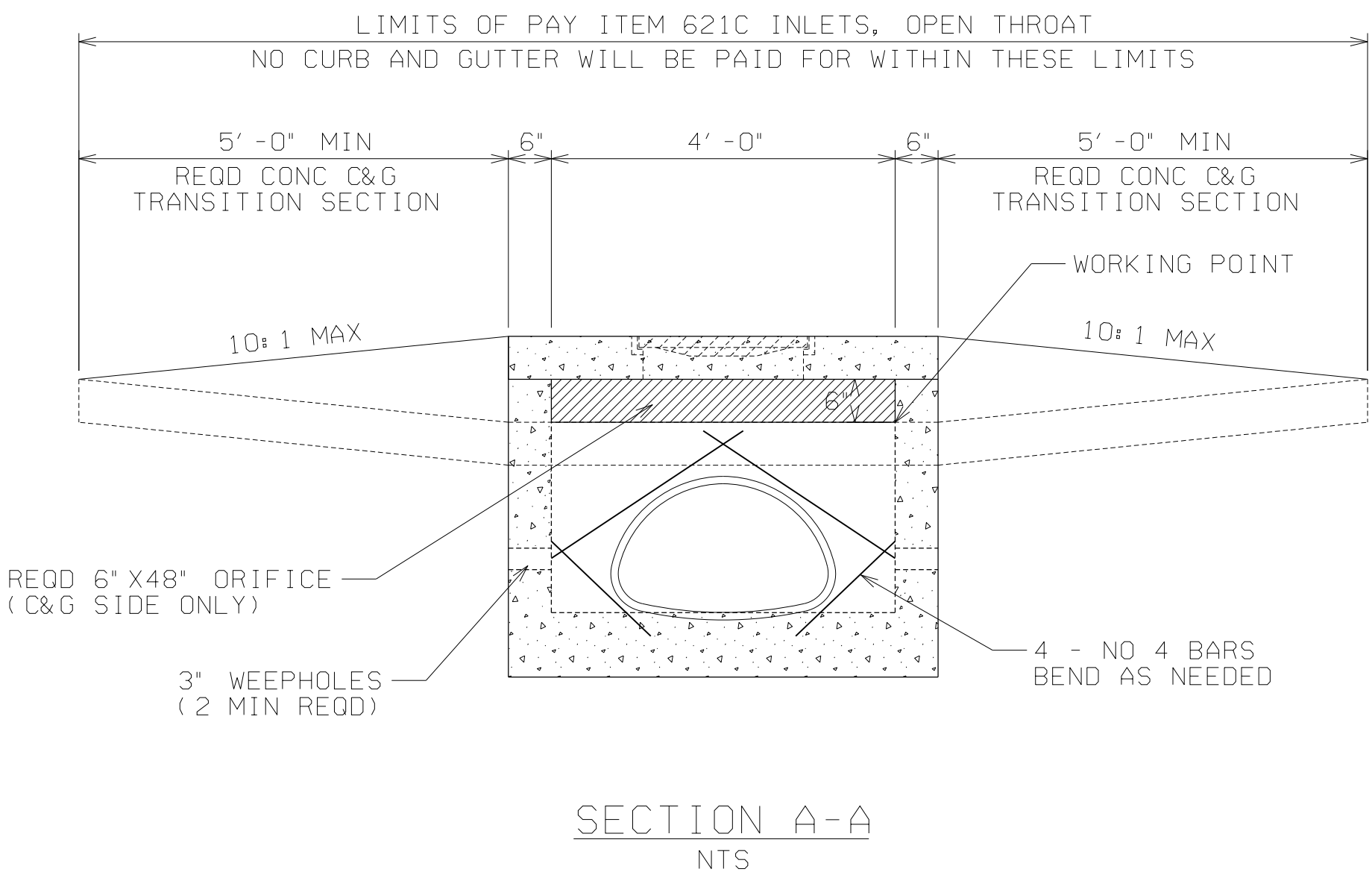
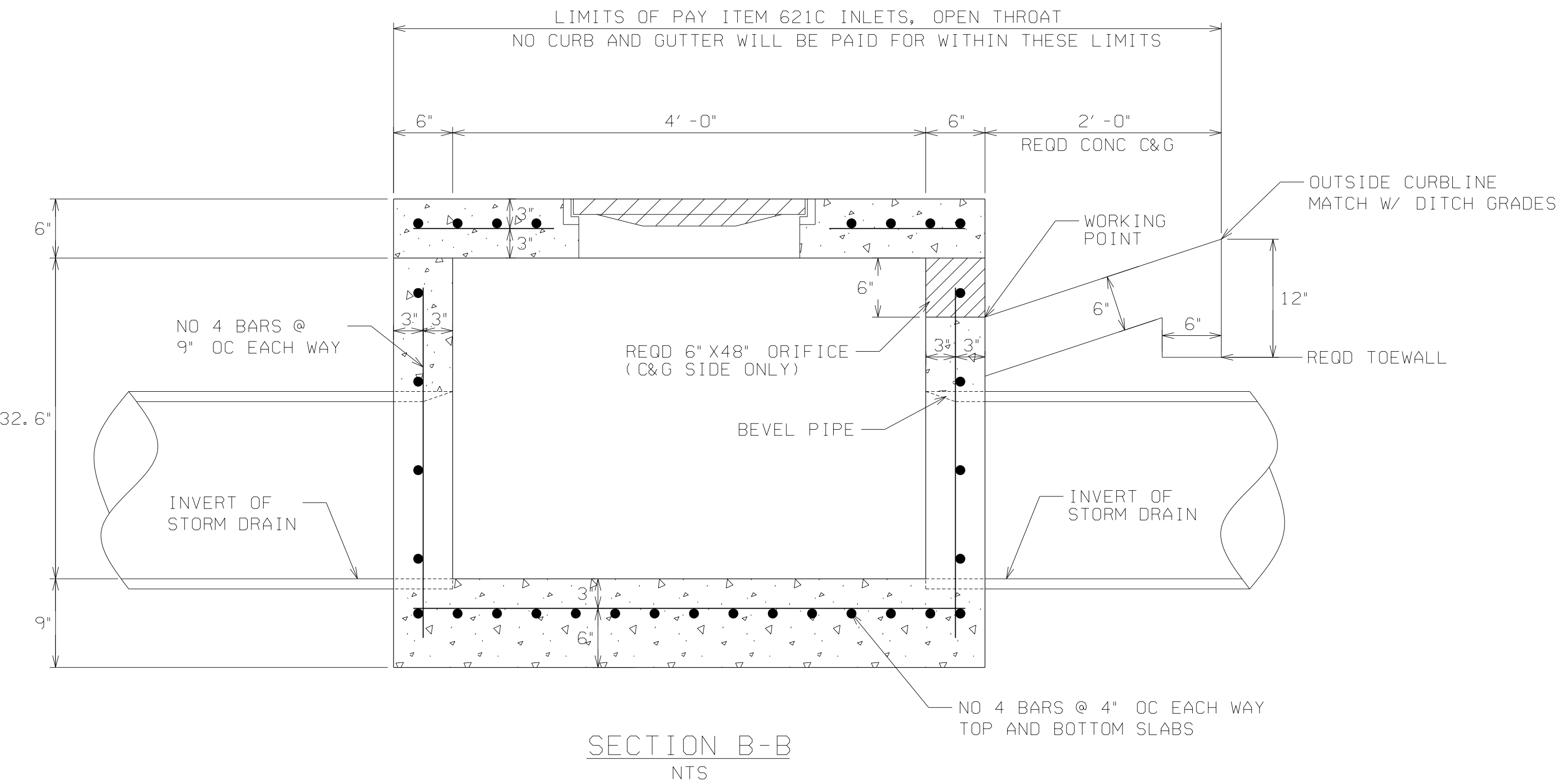
- (1/4) - 1 EA - 29"S X 18"R ROADWAY PIPE END TREATMENT, CLASS 1, 4:1 SLOPE
- (1/4) - (2/4) - 15 LIN FT - 29"S X 18"R ROADWAY PIPE (CLASS 3 RC)(EXTENSION)
- (2/4) - 1 EA - CONCRETE COLLAR



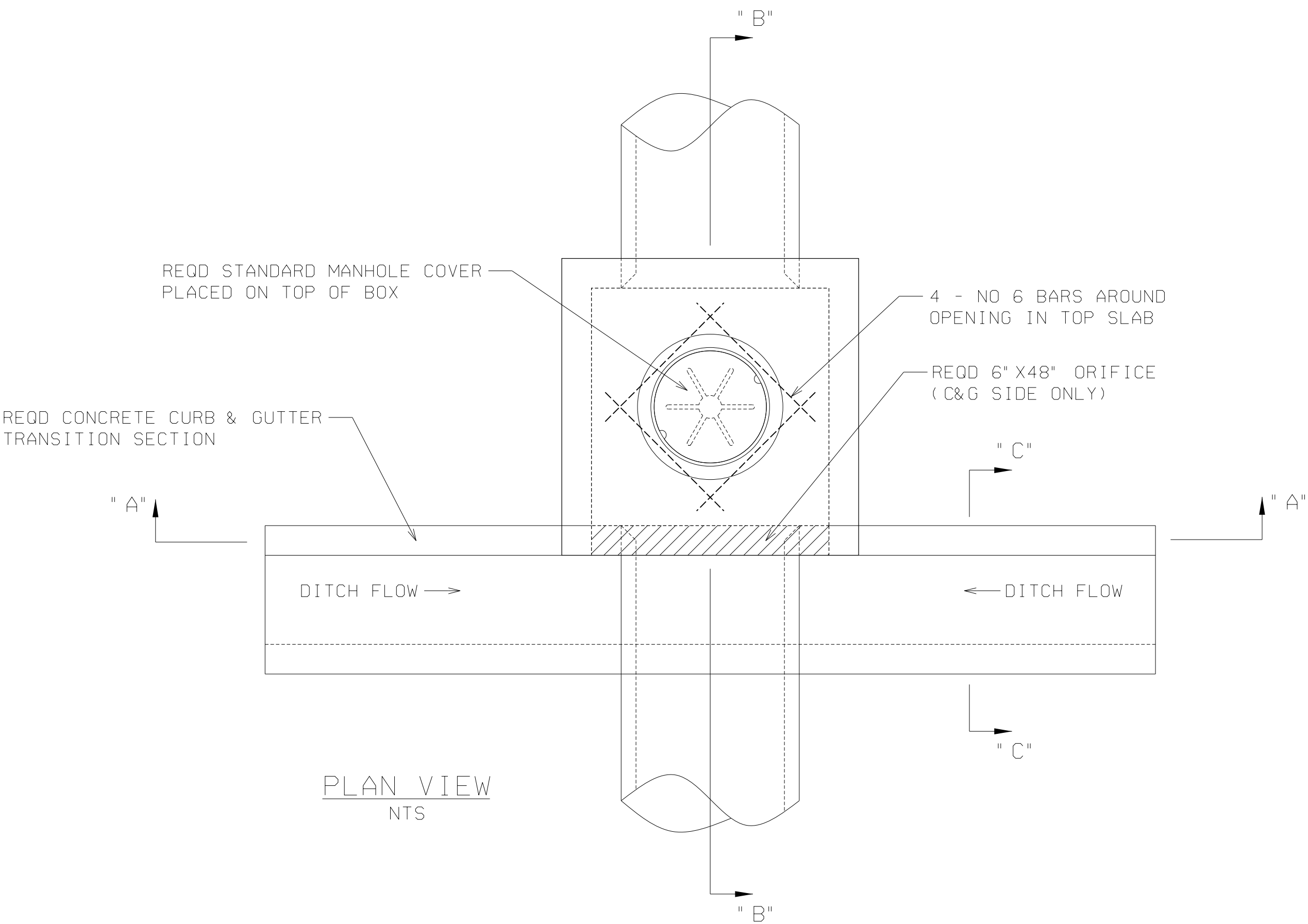
STA 278+24.72, CL CONST

IN-PL: STA 278+24.72, RT SIDE, NO SKEW, 29'S X 18'R RCP & 1-HDWL (RETAIN)
STA 278+24.72, LT SIDE, NO SKEW, 29'S X 18'R RCP & 1-HDWL (RETAIN)
STA 278+24.72, CL, NO SKEW, JUNCTION BOX (REMOVE)
STA 278+01.87 TO STA 278+24.72, CL, 18" RCP & 1-HDWL (REMOVE)
STA 278+24.72 TO STA 278+51.28, CL, 18" RCP & 1-HDWL (REMOVE)

- (3/6) - 1 EA - CONCRETE COLLAR
- (3/6) - (4/6) - 3 LIN FT - 29"S X 18"R STORM SEWER PIPE (CLASS 3 RC)
- (4/6) - 1 EA - INLET, OPEN THROAT
- (4/6) - (5/6) - 13.5 LIN FT - 29"S X 18"R STORM SEWER PIPE (CLASS 3 RC)
- (5/6) - 1 EA - CONCRETE COLLAR



- GENERAL NOTES
- PAYMENT FOR INLETS SHOWN ON THIS DRAWING SHALL INCLUDE ALL COSTS OF MANHOLE COVER AND RING AND ATTACHED CONCRETE CURB AND GUTTER APRON AS SHOWN.
 - MINIMUM 28 DAY CONCRETE COMPRESSIVE STRENGTH: 4000 PSI.
 - REINFORCING STEEL: TO BE IN ACCORDANCE WITH THE SPECIFICATIONS. MINIMUM YIELD STRENGTH = 60 KSI.
 - SEE CURRENT ALDOT SPECIAL DRAWING NO. I-621-E FOR MANHOLE CASTING DETAILS.
 - 3" WEEPHOLES (2 MIN REQUIRED) SHALL BE CONSTRUCTED IN INLETS AS DIRECTED BY THE ENGINEER TO FACILITATE SUBGRADE DRAINAGE.
 - ALL CURB & GUTTER SHALL MEET ALDOT SPECIFICATIONS SECTION 623.
 - USE DRAINAGE SECTION SHEETS FOR ELEVATIONS AT WORKING POINTS AND INVERTS. THE ENGINEER MAY MAKE MODIFICATIONS AND ADJUSTMENTS WHEN NECESSARY.
 - REINFORCING STEEL SHALL HAVE AT LEAST 2" CLEARANCE TO ALL FACES OF WALLS AND SLABS.
 - REBAR SHALL BE CONTINUOUS AT ALL CORNERS UNLESS OTHERWISE NOTED. IN LIEU OF CONTINUOUS BARS, CONTRACTOR MAY USE CORNER BARS WITH FULL SPLICE LENGTH ON EACH SIDE.
 - CONTRACTOR SHALL SUBMIT PROPOSED CONSTRUCTION JOINTS TO ENGINEER FOR APPROVAL.
 - CONSTRUCTION JOINTS ARE OPTIONAL.



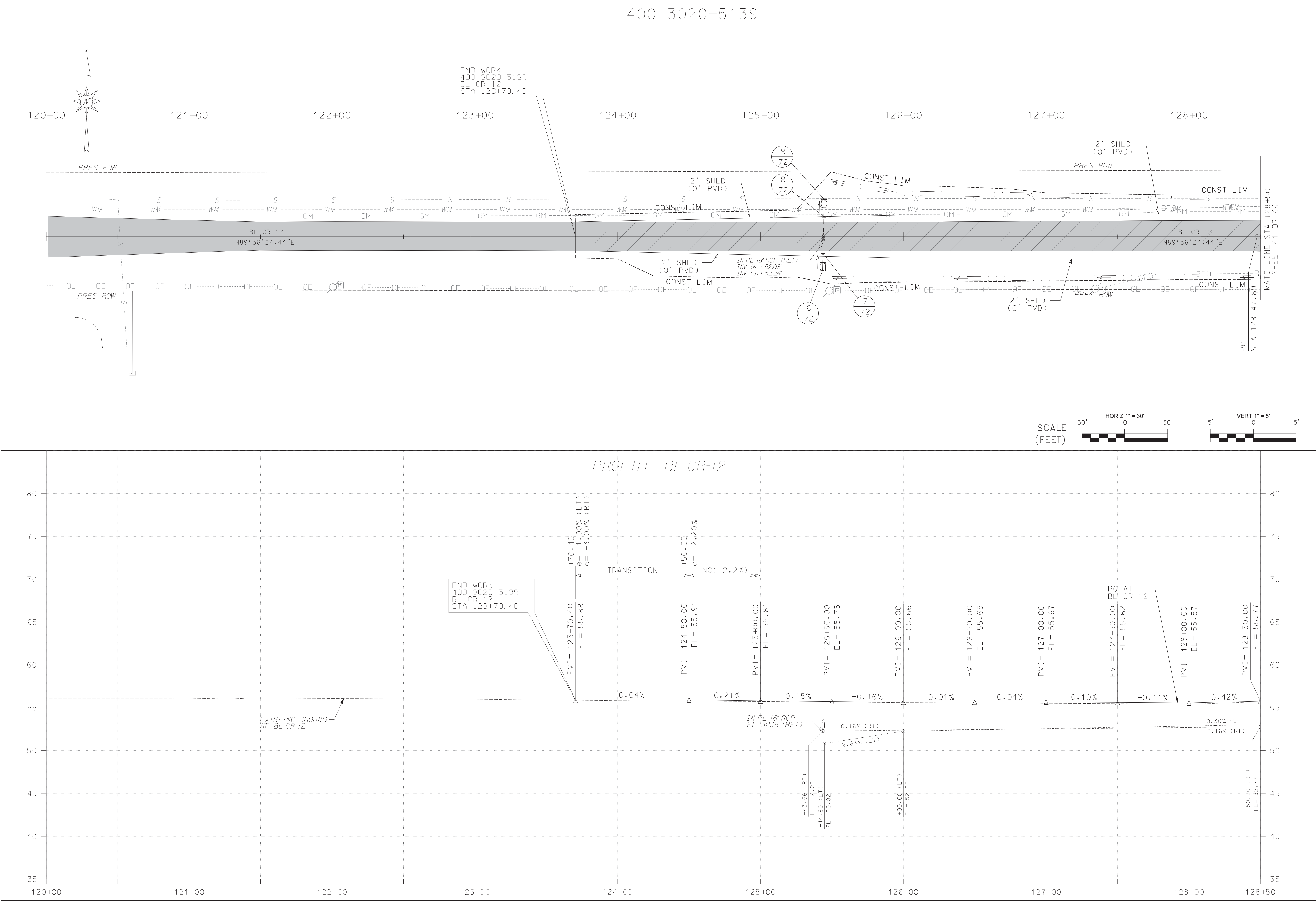
DETAILS OF INLET, OPEN THROAT

SHEET NUMBER	25
DATE	01/31/2020
SCALE	NTS
SERIES NUMBER	1 OF 1
COUNTY	BALDWIN
ROUTE	FOLEY BEACH EXPRESS
PROJECT NUMBER	08.19.002
CDW	
REVISION OR CHANGE ORDER DESCRIPTION	
BY	
NO.	
DATE	

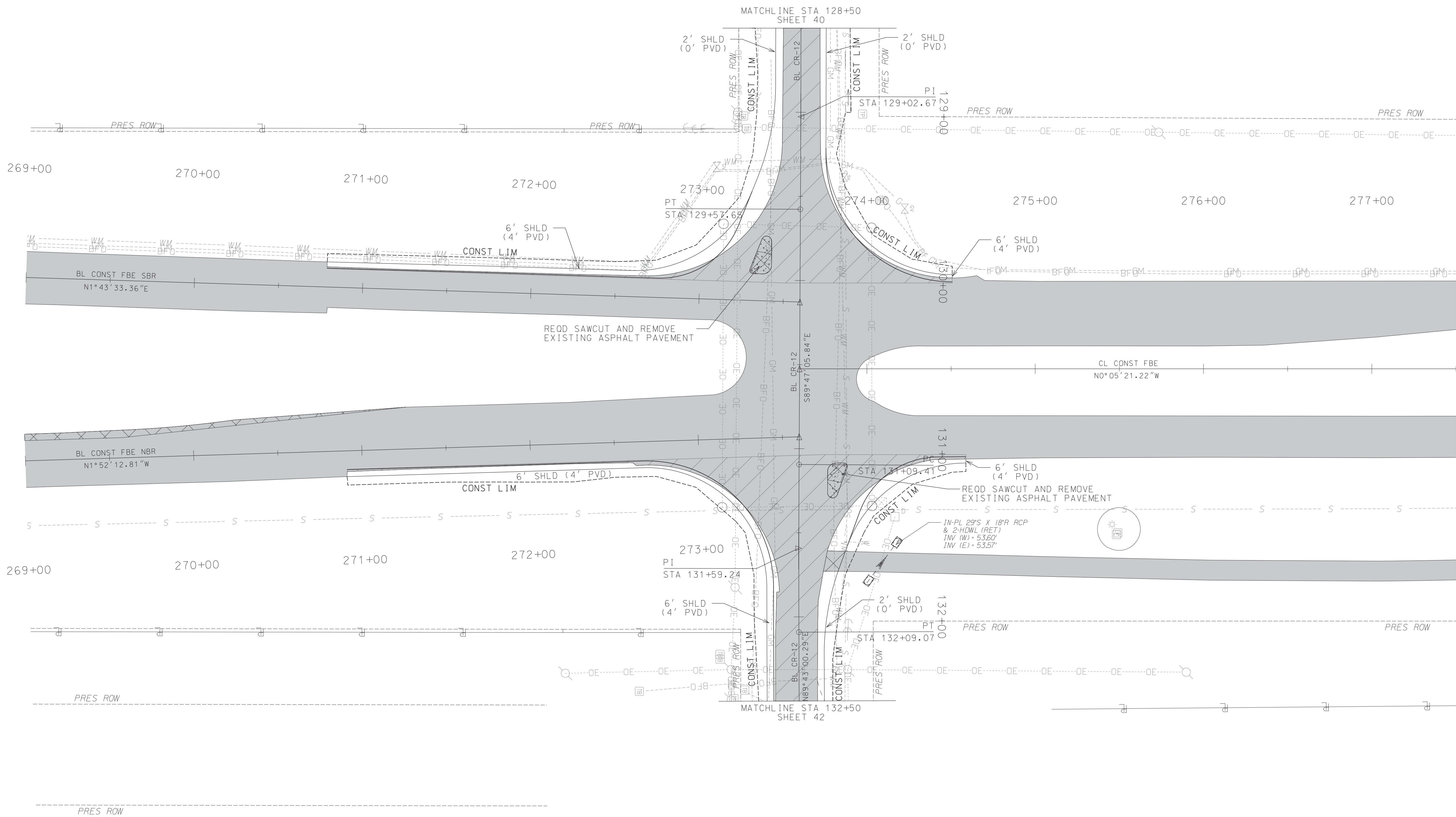
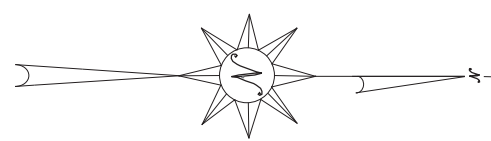
PROJECT
HRRR-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12


400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

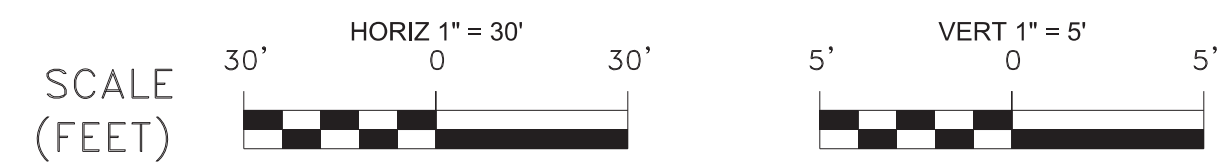
SHEET
TITLE
SPECIAL PROJECT DETAIL: INLET, OPEN THROAT


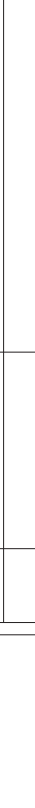


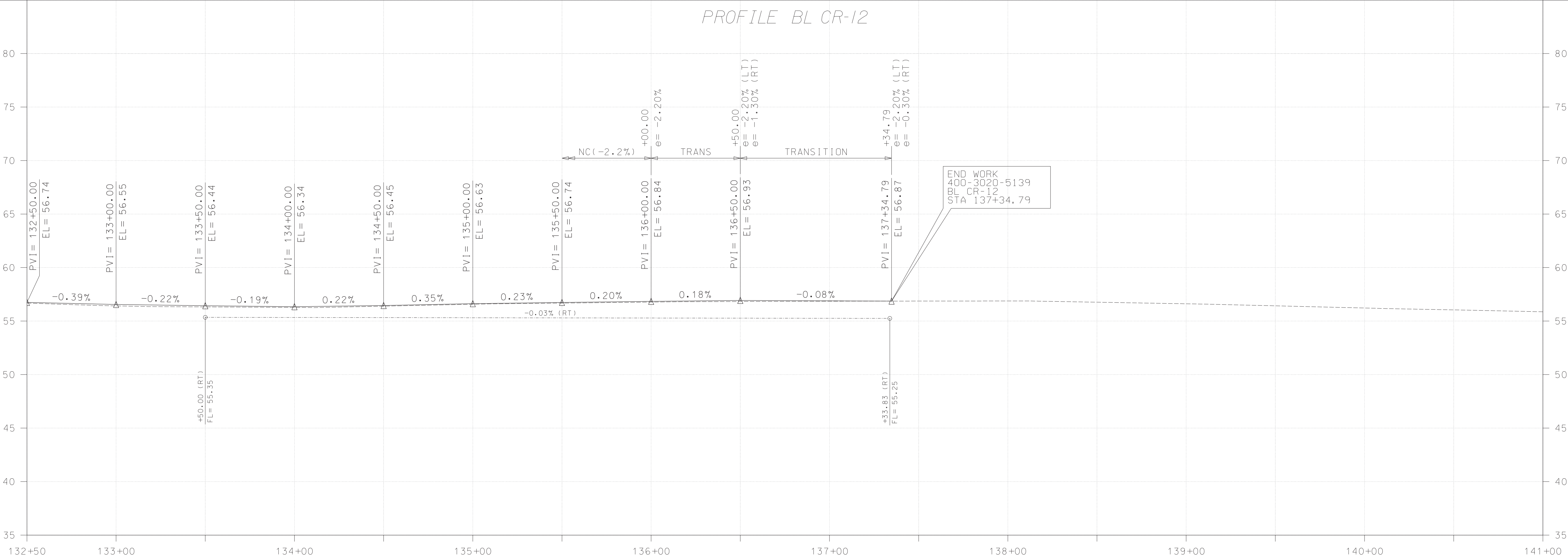
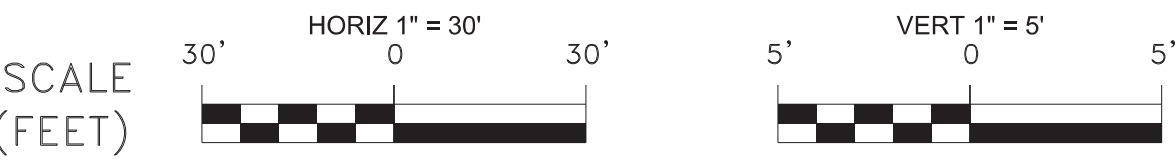
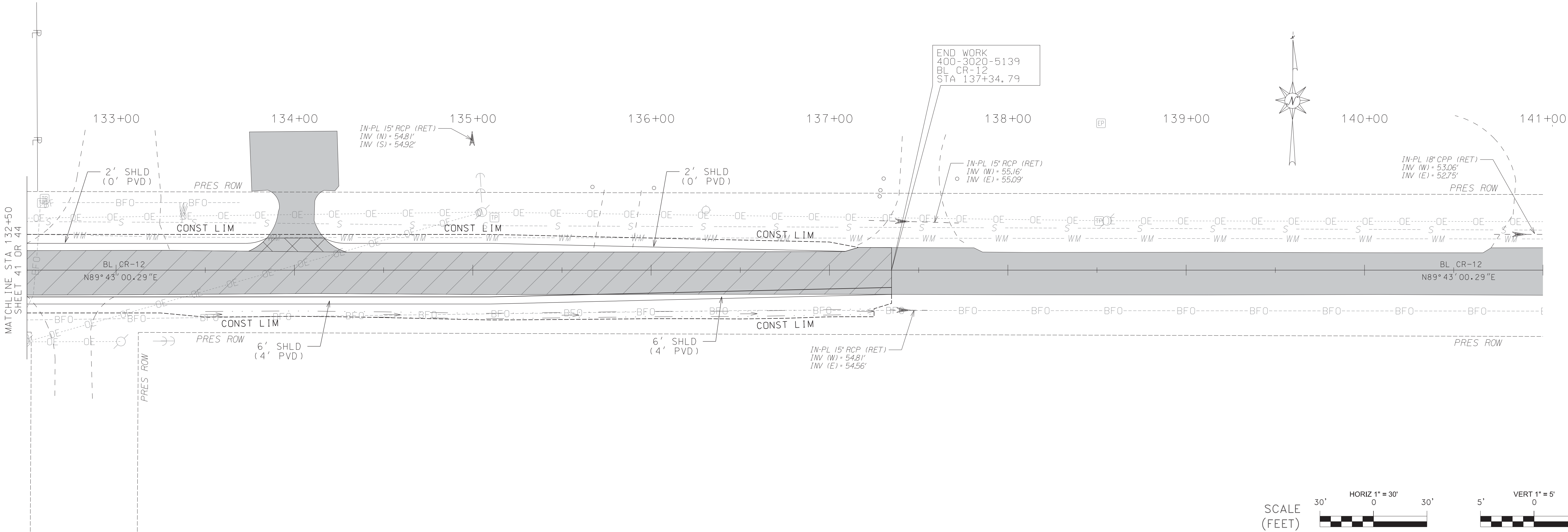
PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	SHEET NUMBER		40
	DATE	07/29/19	
	SCALE	1"=30'	
	SERIES NUMBER	1 OF 5	
	PROJECT NUMBER	08.19.002	
SHEET TITLE PLAN/PROFILE SHEET	COUNTY	BALDWIN	
	ROUTE	FOLEY BEACH EXPRESS	
	DESIGNED	CHECKED	
	DETAILED	CHECKED	
	REVIEWED	CDW	
BY	NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION




	PROJECT HSP-0219(250) 400-3020-5139				SHEET NUMBER 41		
	CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12				DATE 01/31/2020		
	IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12				SCALE 1"=30'		
	PLAN SHEET				SERIES NUMBER 2 OF 5		
	SHEET TITLE				PROJECT NUMBER 08.19.002		
DESIGNED		CHECKED		COUNTY	BALDWIN	DATE	01/31/2020
DETAILED		CHECKED		ROUTE	FOLEY BEACH EXPRESS	SCALE	1"=30'
REVIEWED		CDW		PROJECT NUMBER	08.19.002	SERIES NUMBER	2 OF 5
NO.		DATE		REVISION OR CHANGE ORDER DESCRIPTION			
BY							



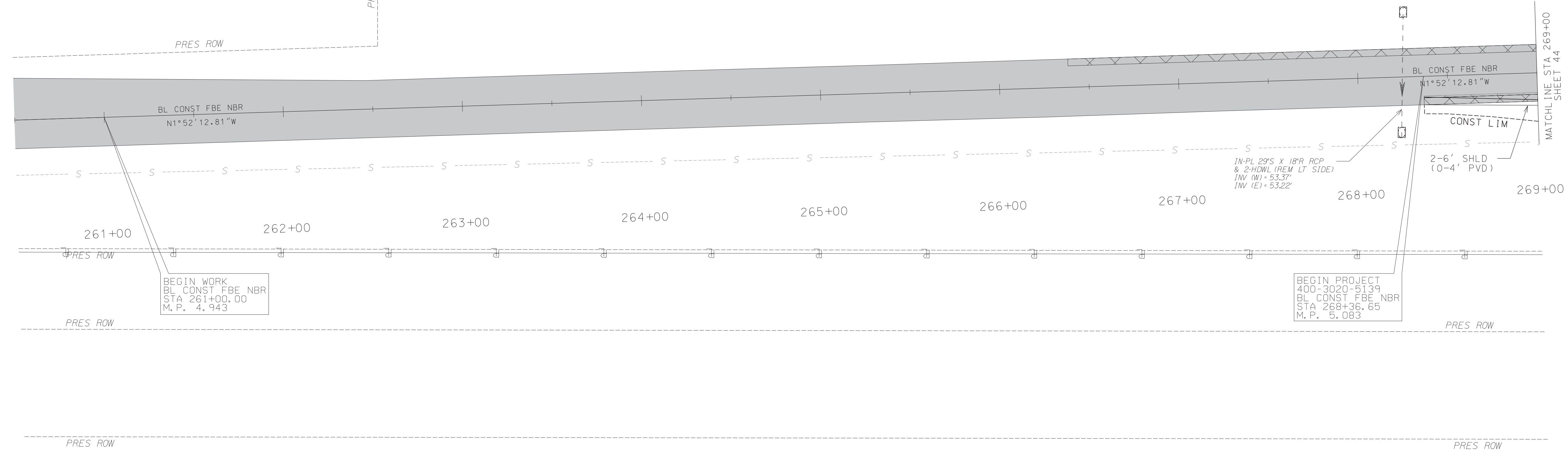
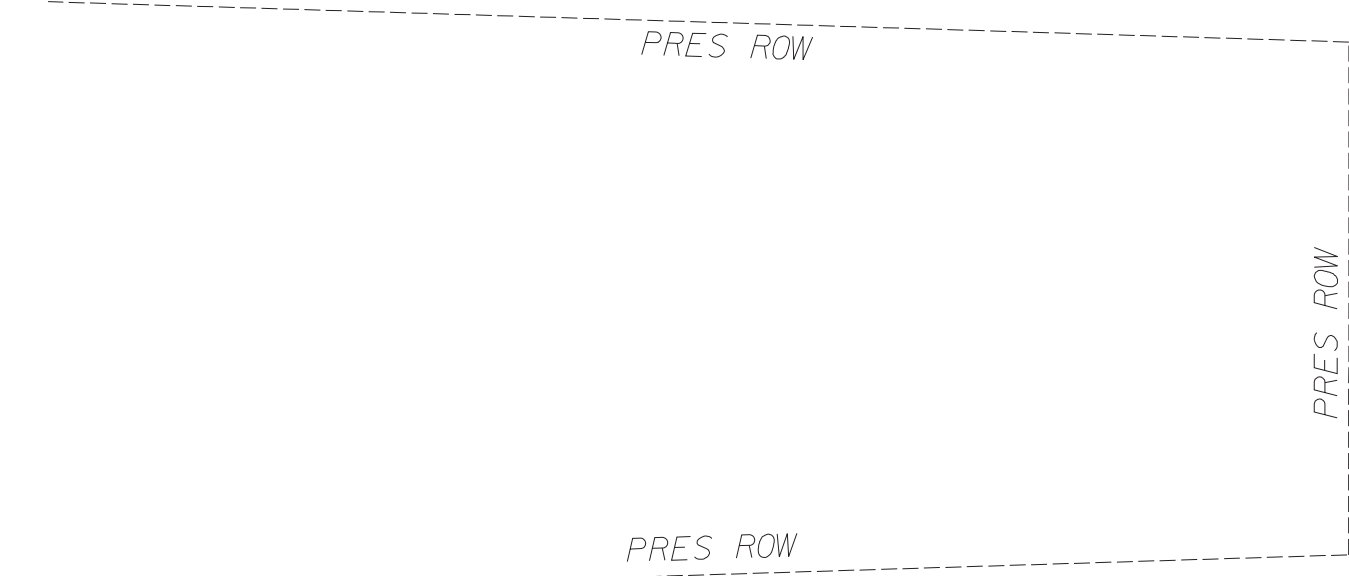
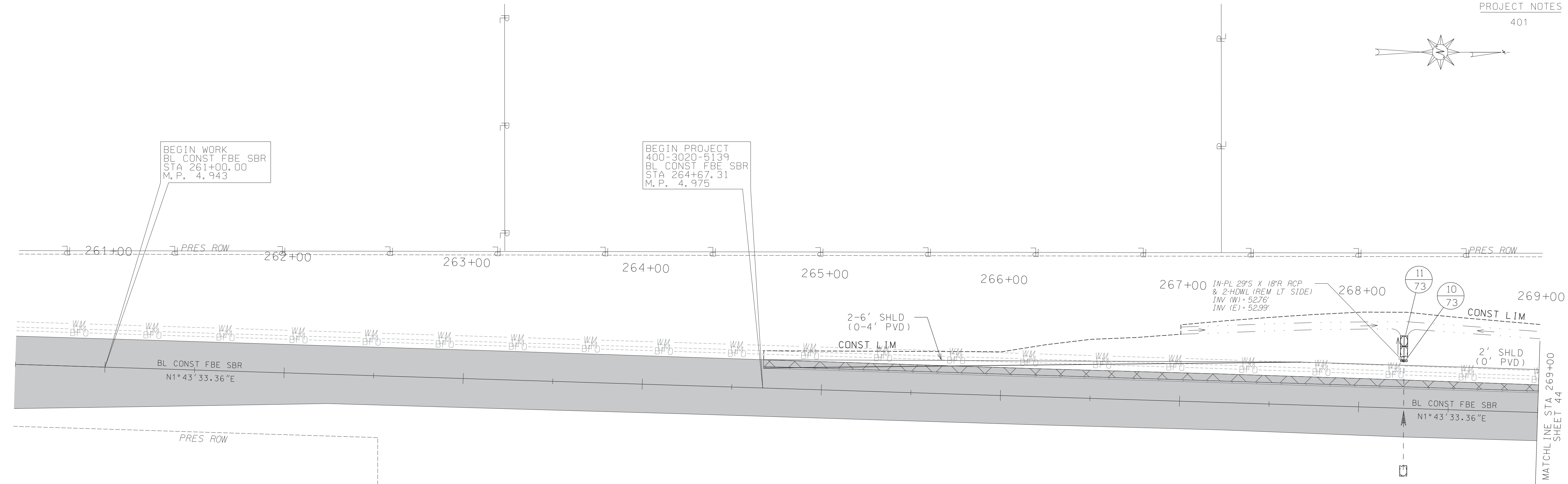
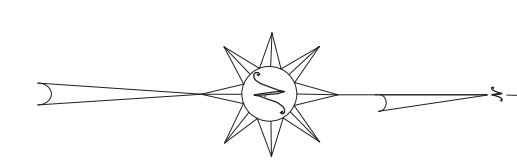
	PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12 & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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	PROJECT	HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12					
	SHEET	TITLE					
	PLAN/PROFILE SHEET						
	400-3020-5139 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12						
DESIGNED	CHECKED	DATE	COUNTY	BALDWIN			
DETAILED	CHECKED	DATE	ROUTE	FOLEY BEACH EXPRESS			
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION					
BY							
SHEET NUMBER	42	DATE	07/29/19	SCALE	1"=30' H 1"=5' V	SERIES NUMBER	5 OF 5

400-3020-5139
ADDITIVE ALTERNATE NO. 1


PROJECT NOTES
401



SHEET NUMBER		43	
01/31/2020	DATE	BALDWIN	COUNTY
1"=30'	SCALE	FOLEY BEACH EXPRESS	ROUTE
1 OF 7	SERIES NUMBER	08.19.002	PROJECT NUMBER
DESIGNED	CHECKED	CDW	REVIEWED
DETAILED	CHECKED		
BY		REVISION OR CHANGE ORDER DESCRIPTION	
NO.		DATE	

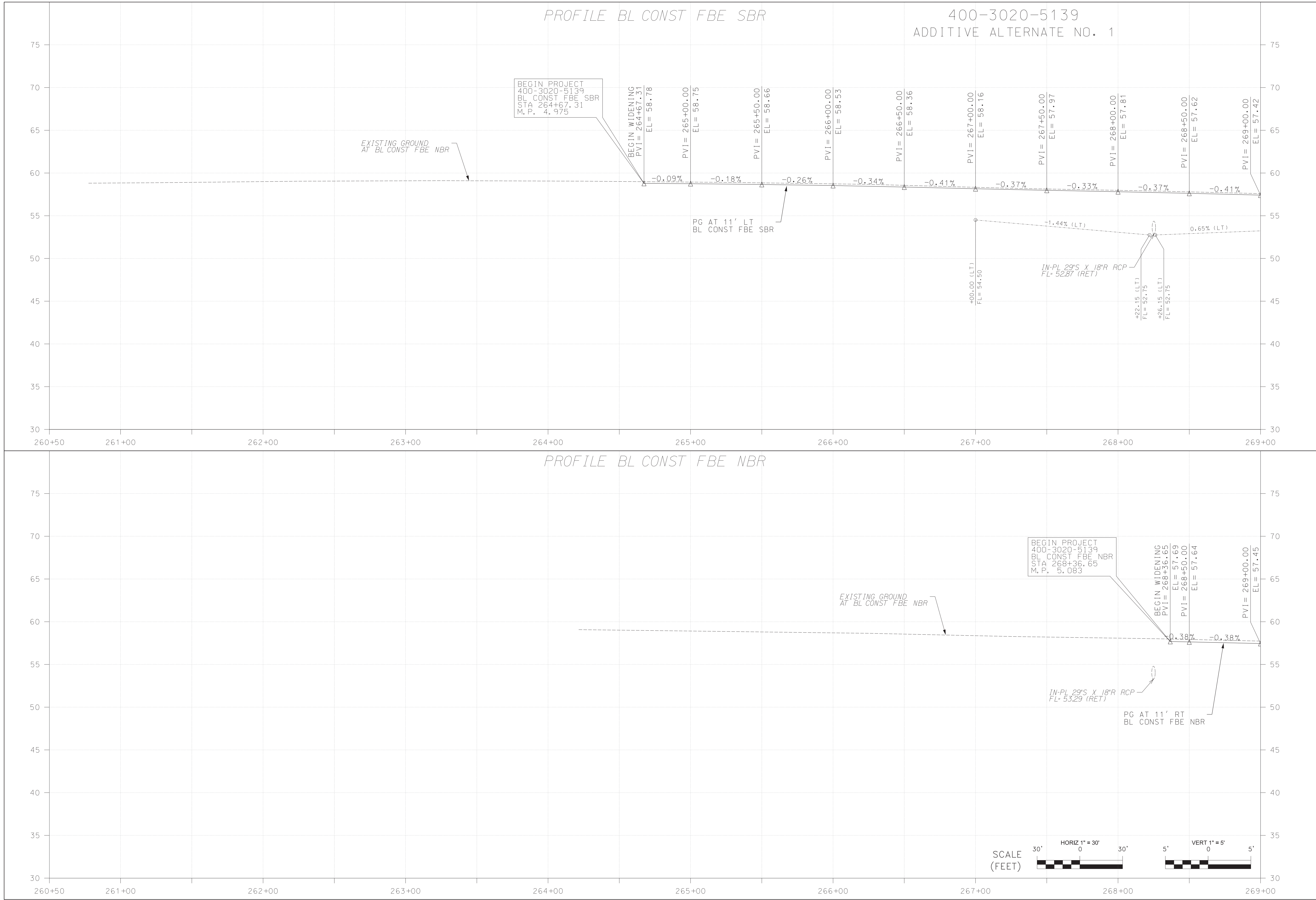




400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12



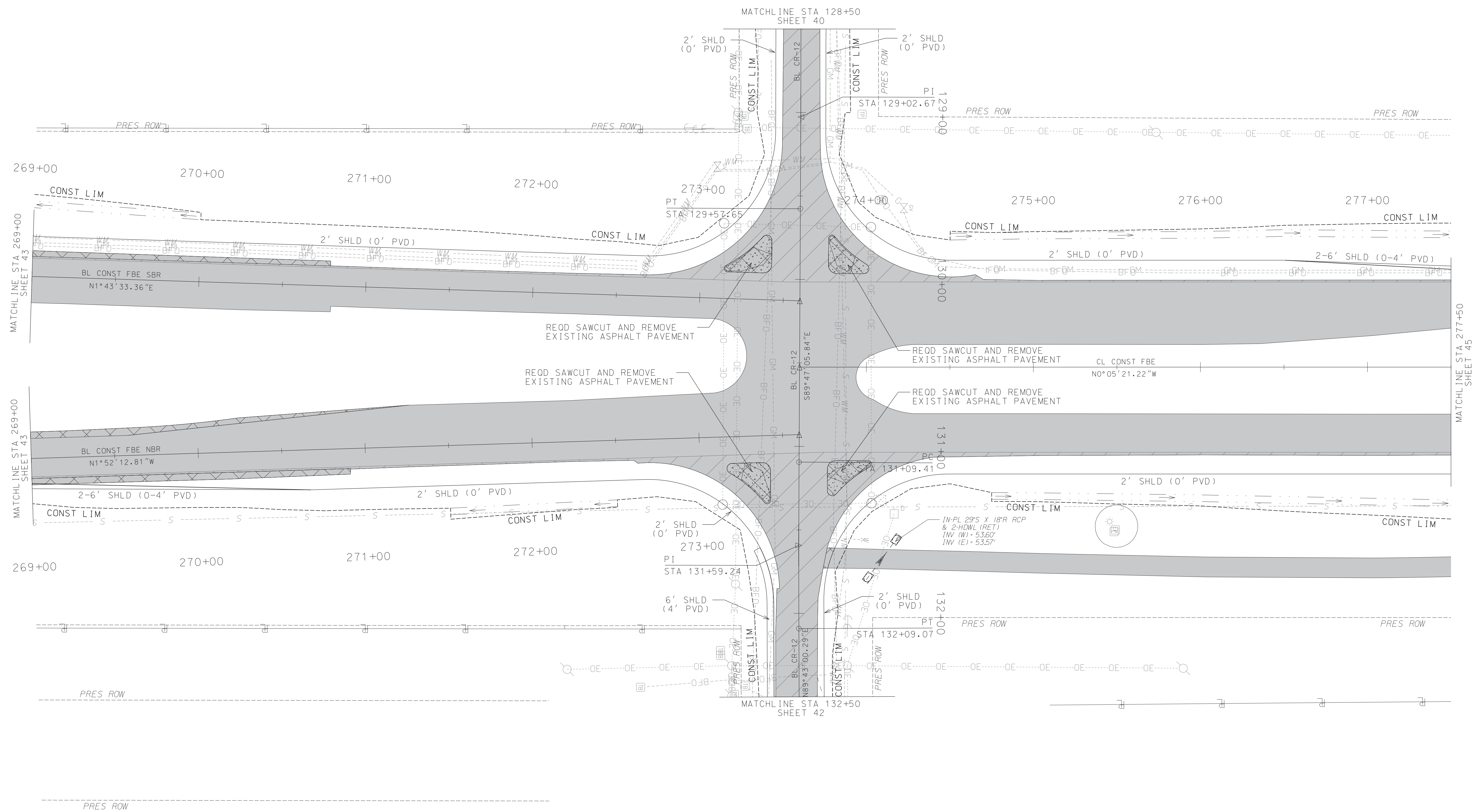
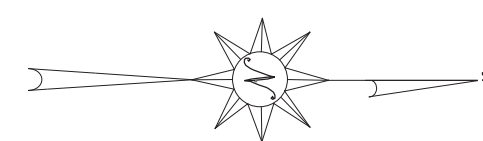
PROJECT HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

PLAN SHEET

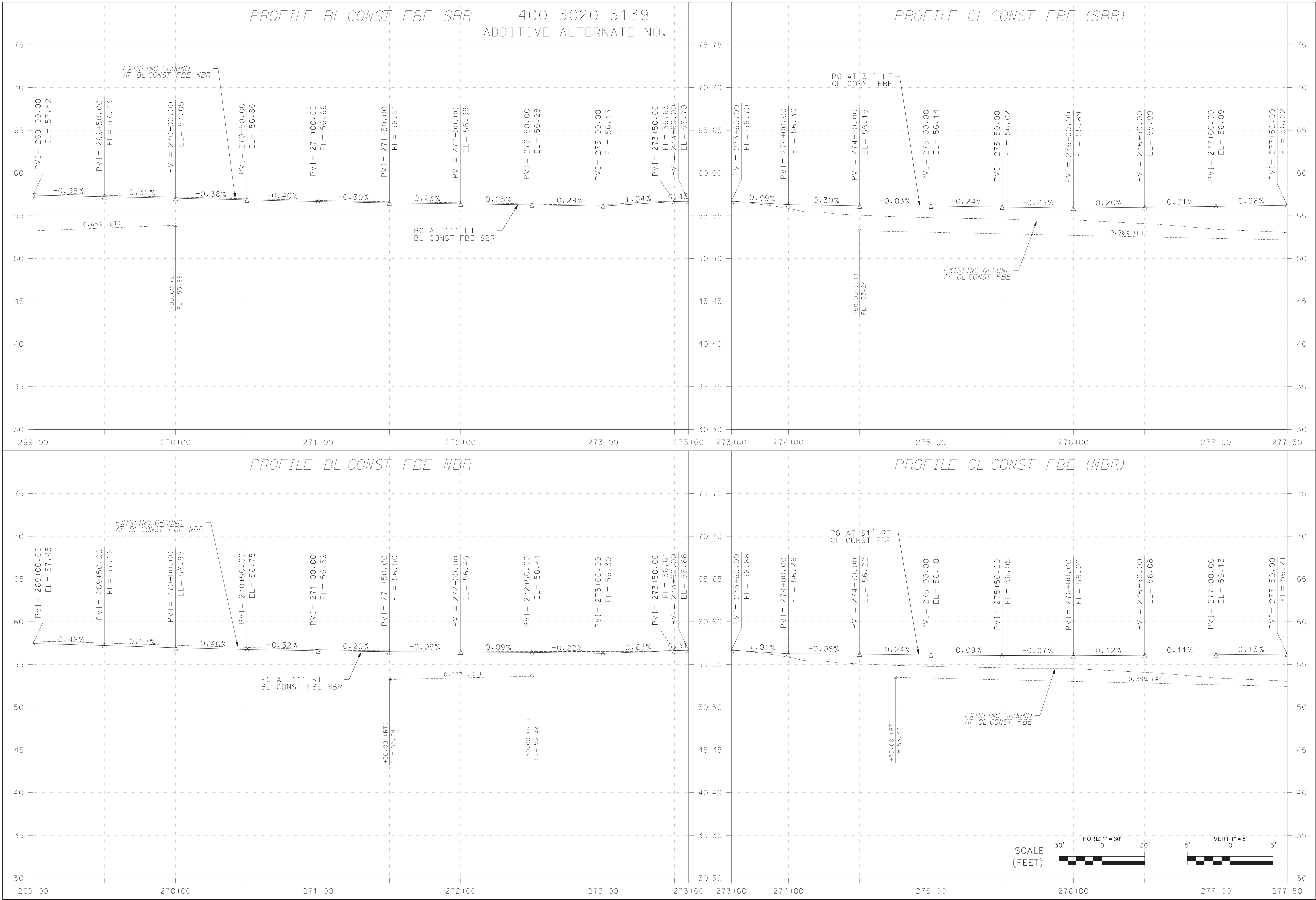


	PROJECT	HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12			SHEET TITLE		
	400-3020-5139 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12						PROFILE SHEET
							
	SHEET NUMBER						
DATE		07/29/19	DATE	07/29/19	SHEET NUMBER		43-A
SCALE		1"=30'H 1"= 5'V	SCALE		SHEET NUMBER		2 OF 7
COUNTY		BALDWIN	COUNTY		SHEET NUMBER		2 OF 7
ROUTE		FOLEY BEACH EXPRESS	ROUTE		SHEET NUMBER		2 OF 7
PROJECT NUMBER		08.19.002	PROJECT NUMBER		SHEET NUMBER		2 OF 7
CDW		REVIEWED	CDW		SHEET NUMBER		2 OF 7
BY		REVISION OR CHANGE ORDER DESCRIPTION	BY		SHEET NUMBER		2 OF 7
DATE		NO.	DATE		SHEET NUMBER		2 OF 7

400-3020-5139
ADDITIVE ALTERNATE NO. 1

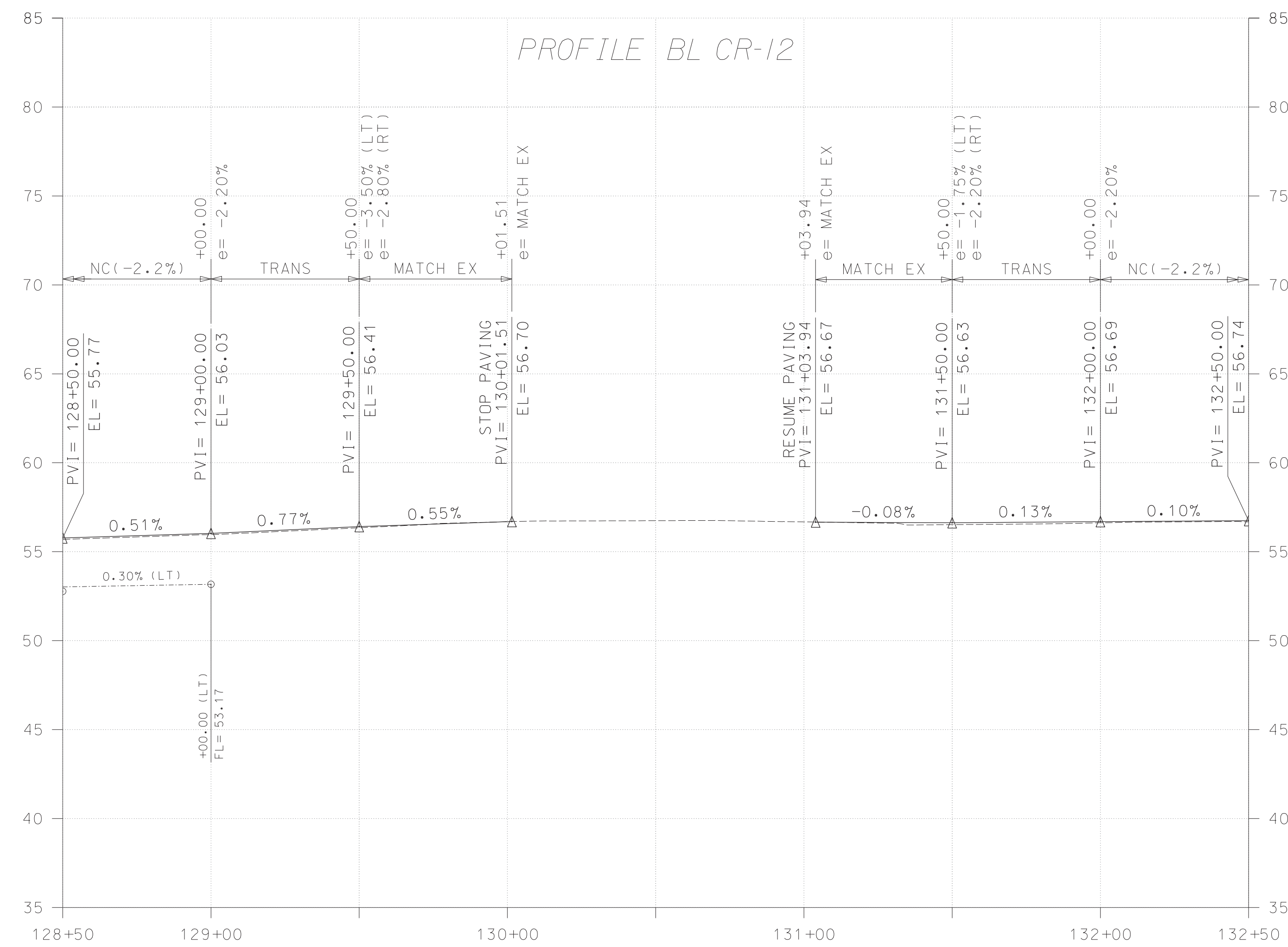
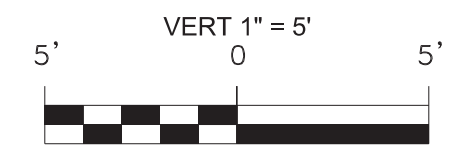
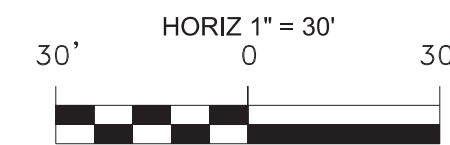



PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	PROJECT NUMBER 08.19.002	ROUTE FOLEY BEACH EXPRESS	COUNTY BALDWIN	DATE 01/31/2020	SHEET NUMBER 44
SHEET TITLE PLAN SHEET	REVISION OR CHANGE ORDER DESCRIPTION	NO.	DATE	BY	CDW
		DESIGNED	CHECKED	DETAILED	REVIEWED



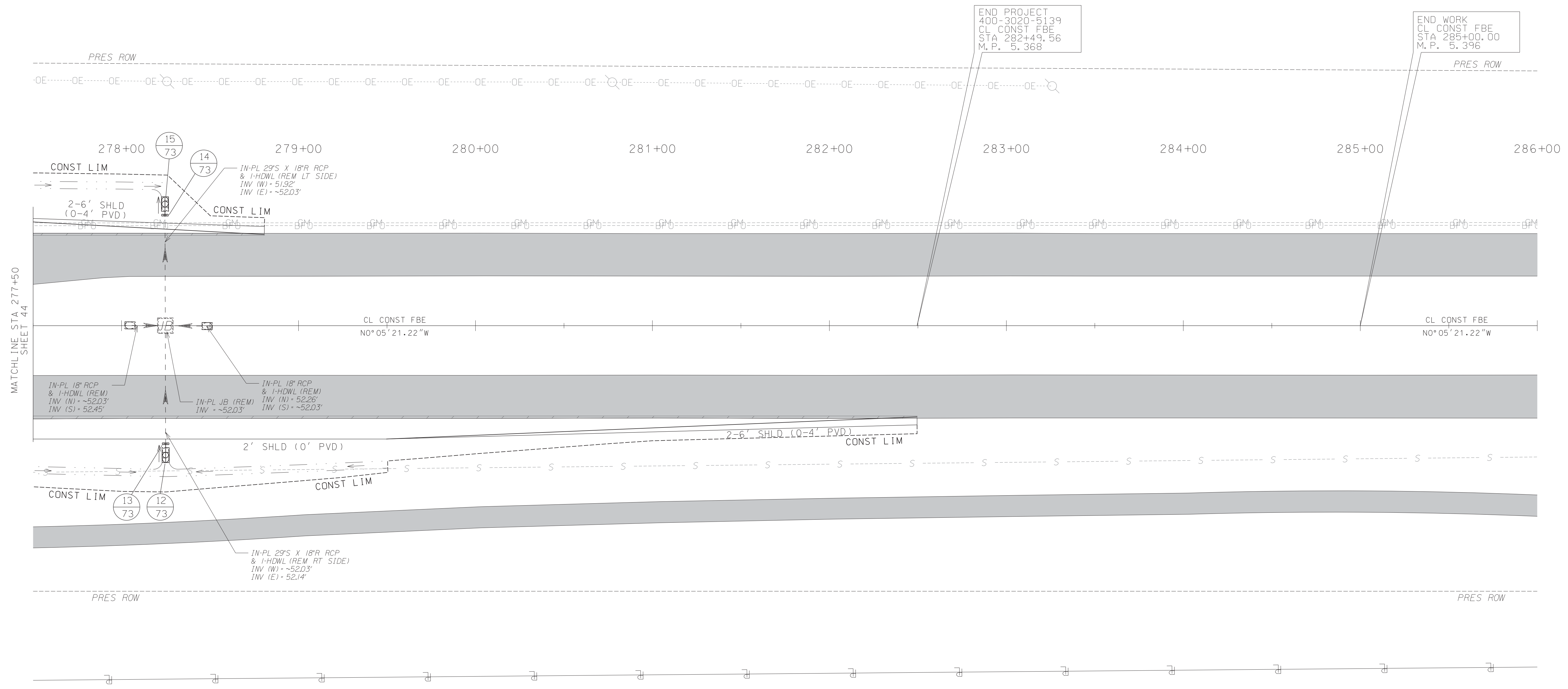
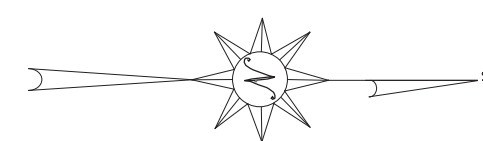
PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	SHEET TITLE	400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	City of Foley	NO.	DATE	BY	REVISION OR CHANGE ORDER DESCRIPTION	DESIGNED	CHECKED	COUNTY	BALDWIN	DATE	07/29/19	SHEET NUMBER	44-A
								CDW	PROJECT NUMBER	08/19/02	SCALE	1"=30'H 1"= 5'	SERIES NUMBER	4 OF 7	
								REVIEWED	ROUTE	FOLEY BEACH EXPRESS	FOLEY BEACH EXPRESS	FOLEY BEACH EXPRESS	FOLEY BEACH EXPRESS	FOLEY BEACH EXPRESS	
								NO.	DATE	BY	REVISION OR CHANGE ORDER DESCRIPTION	NO.	DATE	BY	REVISION OR CHANGE ORDER DESCRIPTION

400-3020-5139
ADDITIVE ALTERNATE NO. 1

SCALE
(FEET)

BKI	PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANE IN FOLEY BEACH EXPRESS AT CR-12 400-3020-5139 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12												SHEET NUMBER	44-B
													DESIGNED	01/31/2020
													CHECKED	
													Detailed	
													ROUTE	DATE
													FOLEY BEACH EXPRESS	SCALE
										CHECKED	1"=30'H 1"= 5' V	SERIES NUMBER	5 OF 7	
										REVIEWED	CDW	PROJECT NUMBER	OP. 19.002	
										NO.	DATE	BY	REVISION OR CHANGE ORDER DESCRIPTION	
										PROFILE SHEET				


400-3020-5139
ADDITIVE ALTERNATE NO. 1

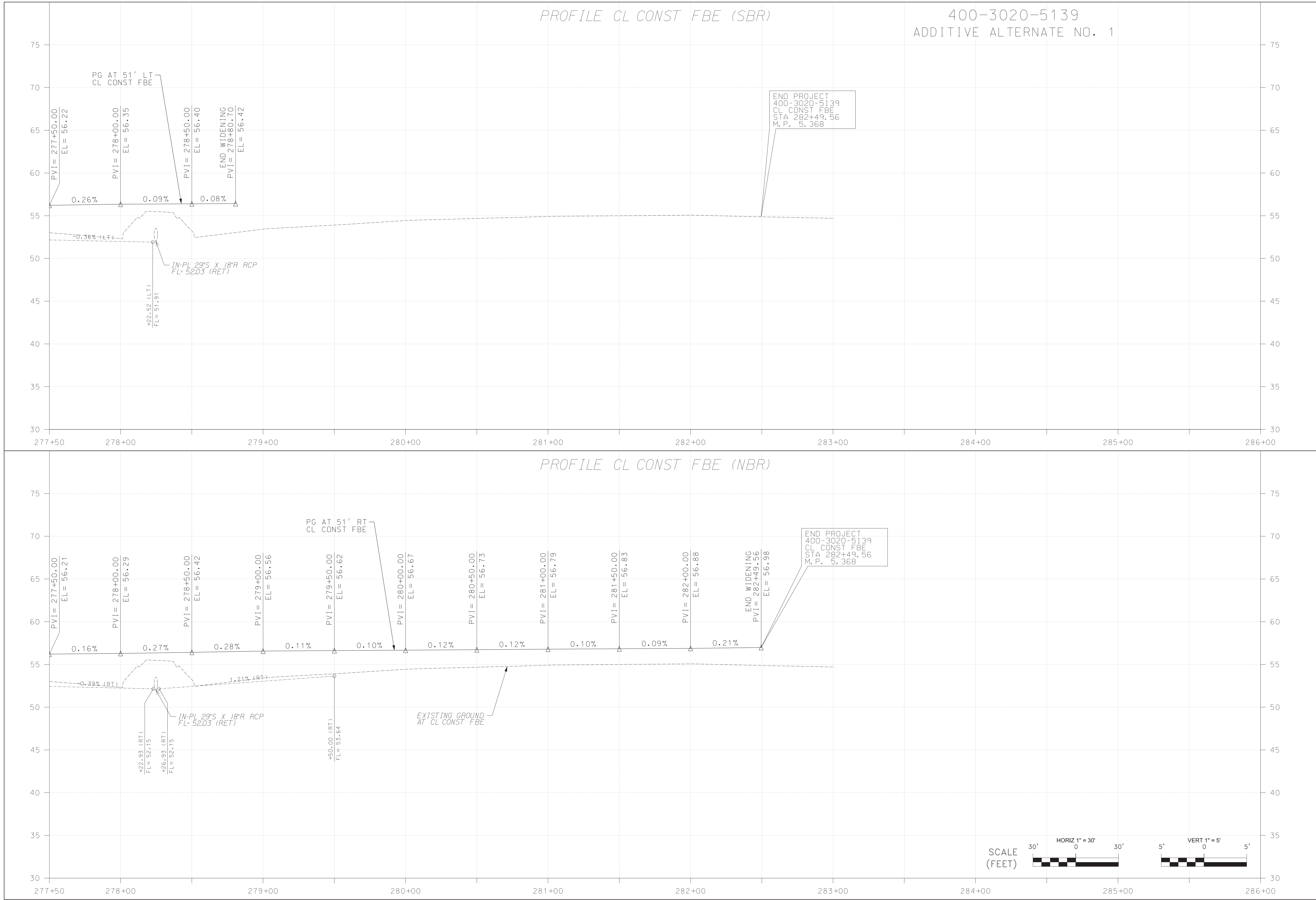



END WORK
CL CONST FBE
STA 285+00.00
M. P. 5.396


END PROJECT
400-3020-5139
CL CONST FBE
STA 282+49.56
M. P. 5.368

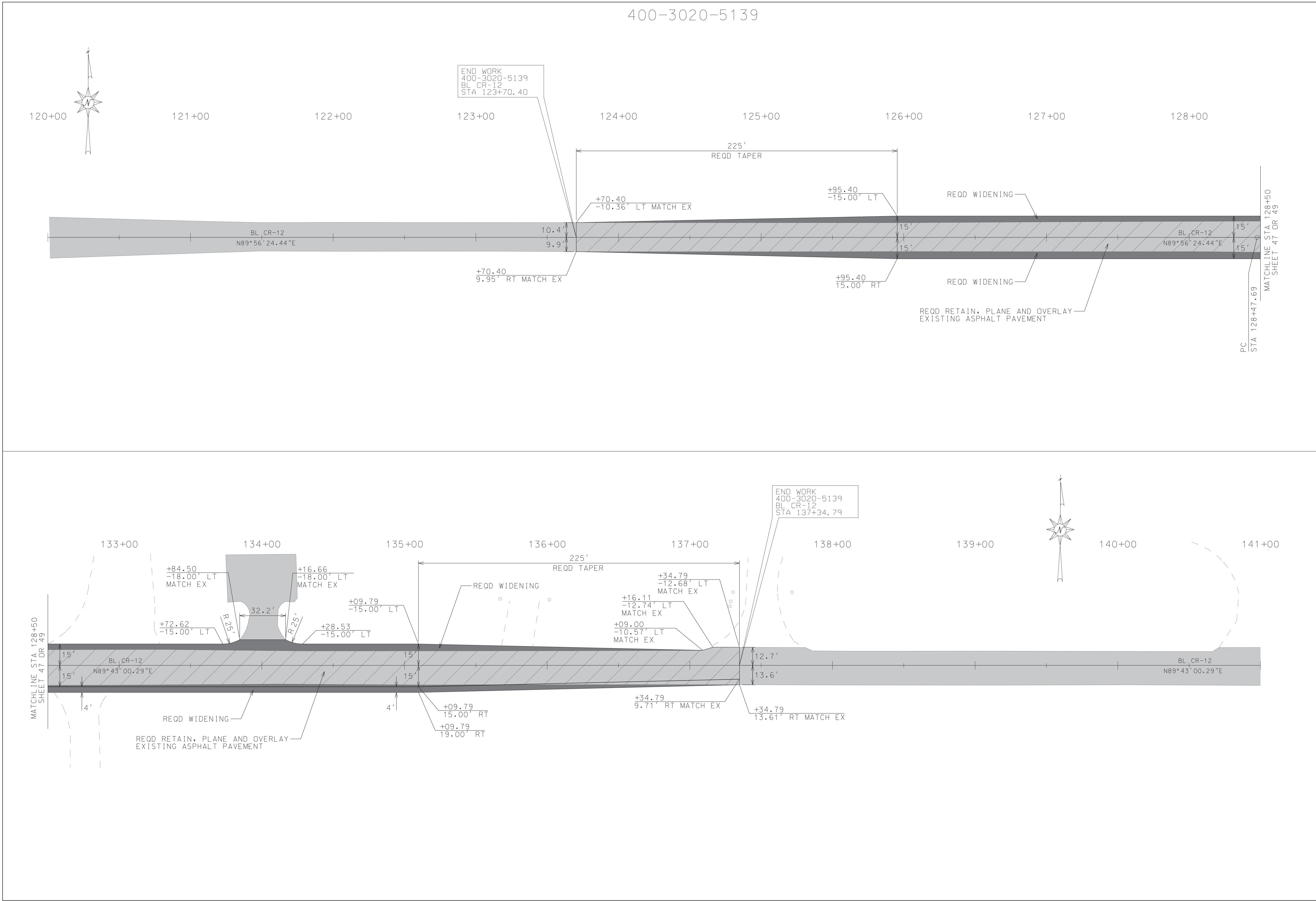




	PROJECT		HSP-0219(250)		400-3020-5139		CONSTRUCT OFFSET LEFT		TURN LANES ON FOLEY BEACH		EXPRESS AT CR-12		INTERSECTIONS ON FOLEY BEACH		EXPRESS AT CR-12		SHEET		TITLE	
	PLAN SHEET																			
	Foley																			
	City of																			
DESIGNED	CHECKED	COUNTY	BALDWIN	DATE	01/31/2020	SHEET NUMBER	45	SCALE	1"=30'	SERIES NUMBER	6 OF 7	PROJECT NUMBER	08.19.002	CDW	REVIEWED	BY	NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	



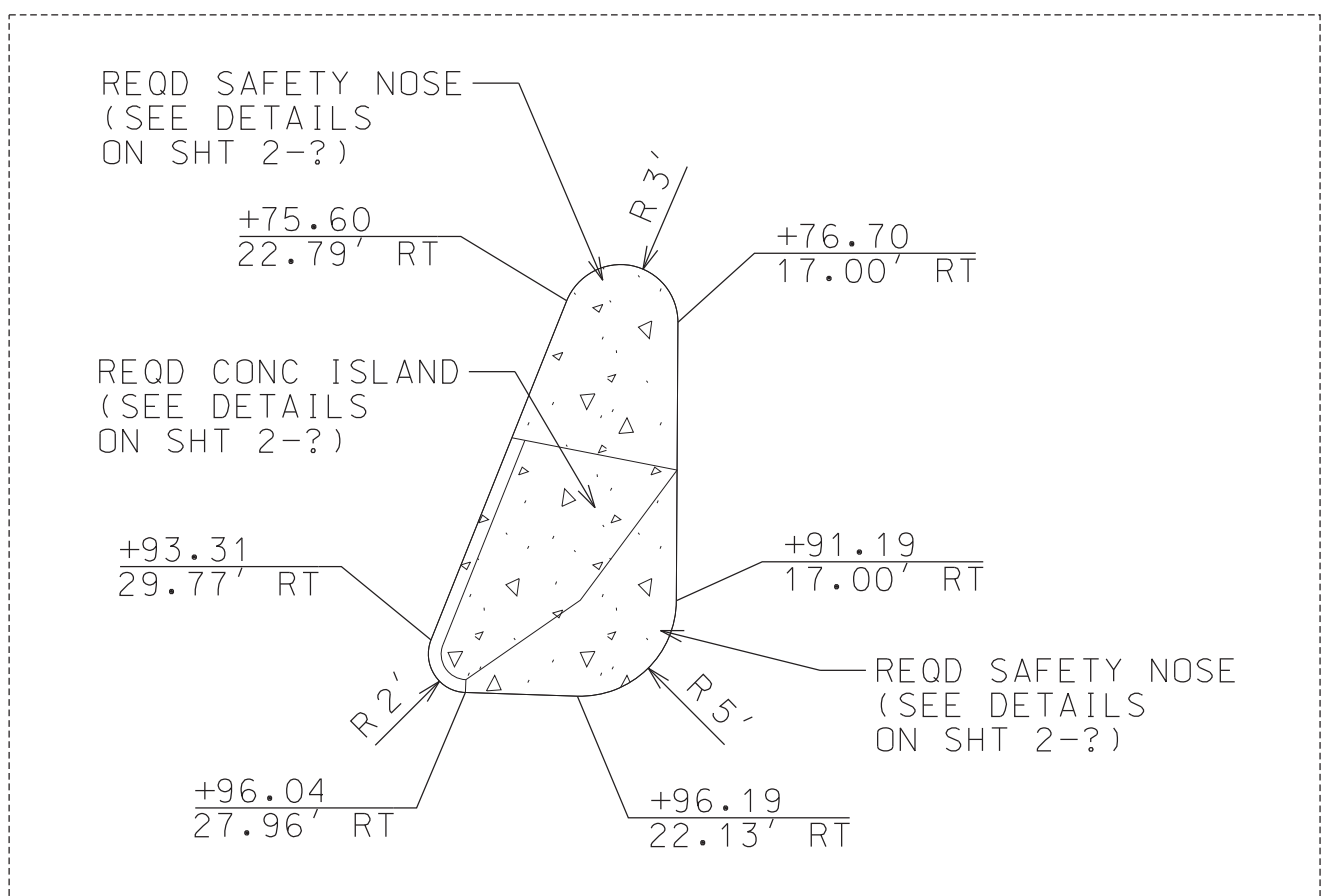
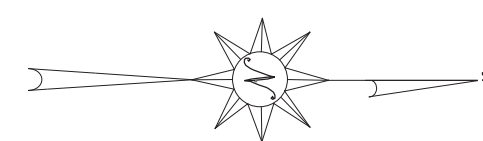
	PROJECT		HSP-0219(250)		400-3020-5139		INTERSECTION		TURN LANES ON FOLEY BEACH		EXPRESS AT CR-12		SHEET TITLE		PROFILE SHEET	
	DESIGNED		CHECKED		COUNTY		BALDWIN		ROUTE		FOLEY BEACH EXPRESS		SCALE		1"=30'H 1"= 5'V	
	DATE		07/29/19		DATE		07/29/19		SCALE		1"=30'H 1"= 5'V		SERIES NUMBER		7 OF 7	
	NO.		DATE		REVISION OR CHANGE ORDER DESCRIPTION		BY		CDW		PROJECT NUMBER		08.19.002			



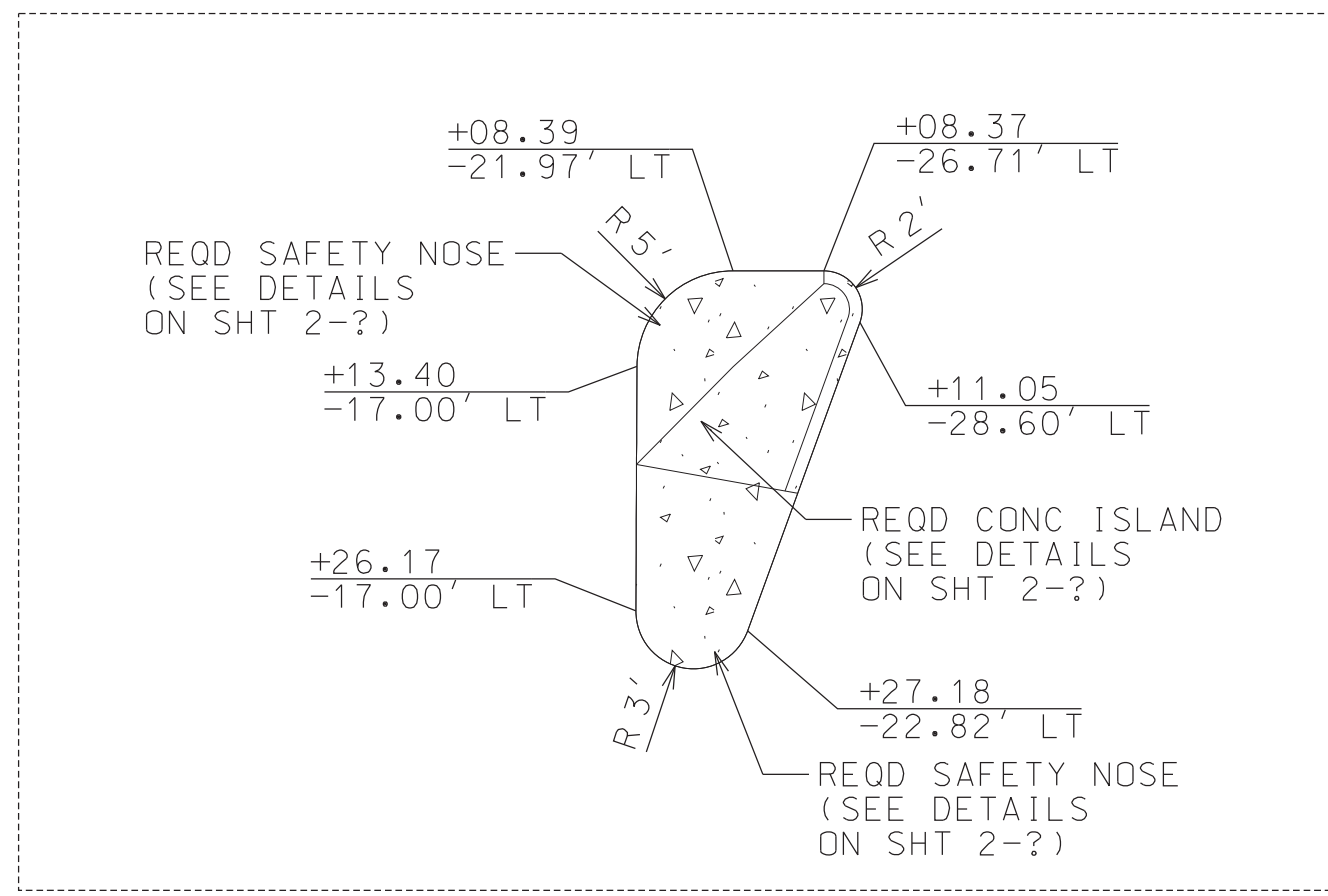
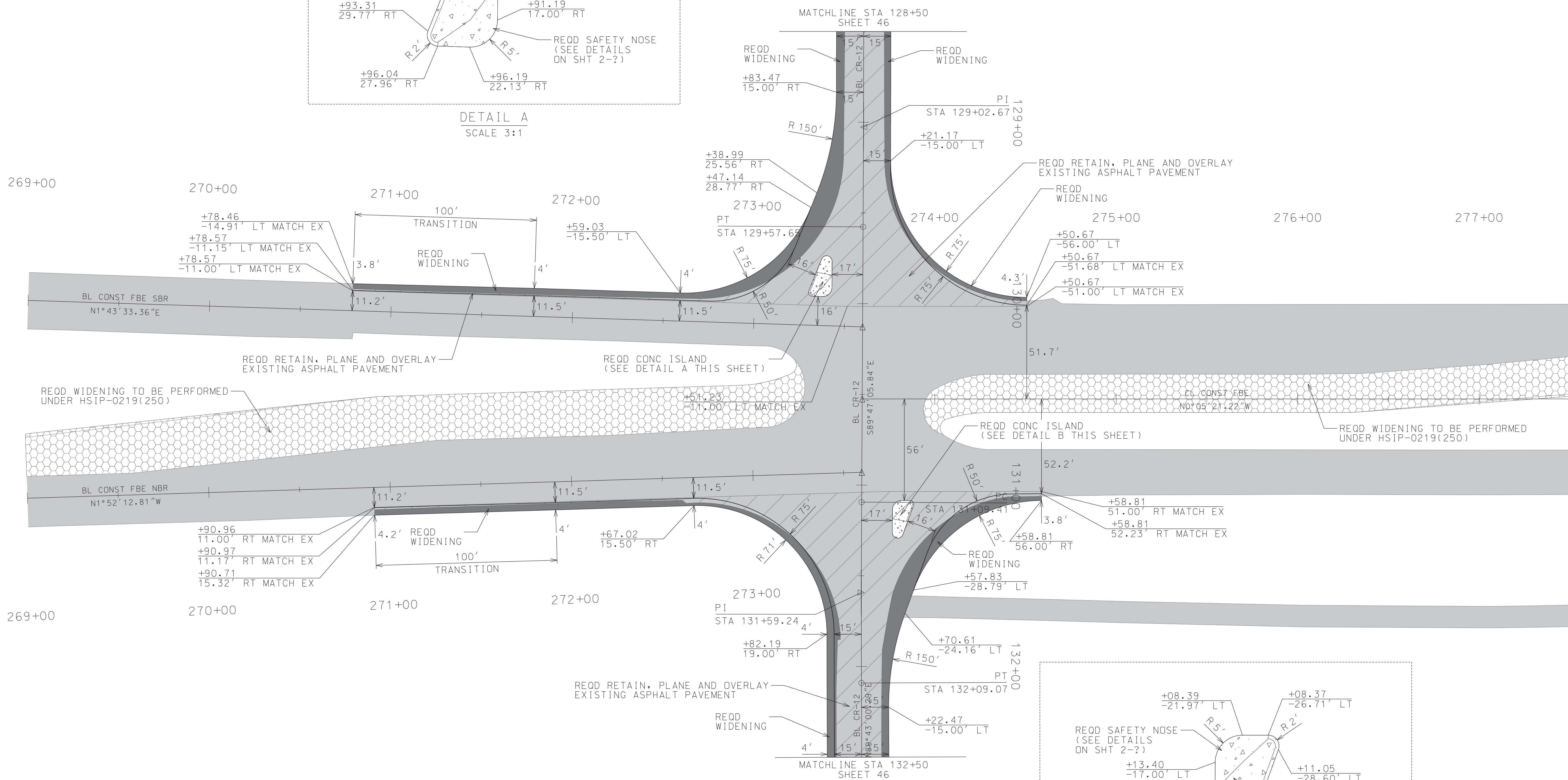


	PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12				SHEET TITLE PAVING LAYOUT SHEET			
	400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12							
	DESIGNED	CHECKED	DETAILED	REVIEWED	CDW	PROJECT NUMBER	DATE	BY
	01/31/2020	01/31/2020	01/31/2020	01/31/2020	01/31/2020	08.19.002	1"=30'	1 OF 2
SHEET NUMBER		DATE		SCALE		SERIES NUMBER		
46		01/31/2020		1"=30'		1 OF 2		
COUNTY		BALDWIN		ROUTE		PROJECT NUMBER		
COUNTY		BALDWIN		ROUTE		PROJECT NUMBER		
COUNTY		BALDWIN		ROUTE		PROJECT NUMBER		
COUNTY		BALDWIN		ROUTE		PROJECT NUMBER		

400-3020-5139

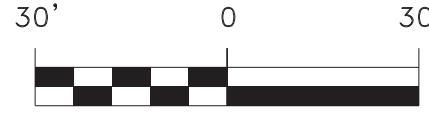




DETAIL A
SCALE 3:1



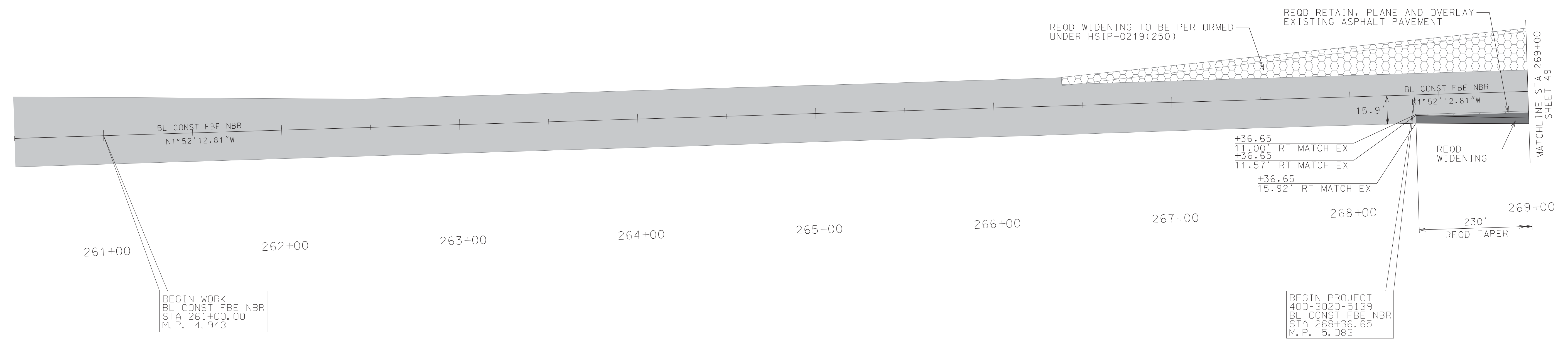
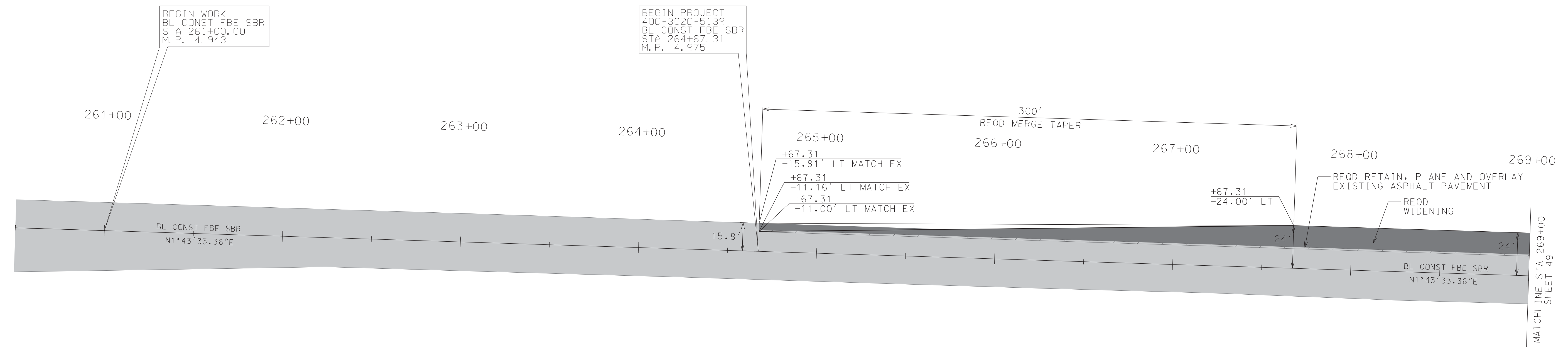
DETAIL B
SCALE 3:1


SCALE
(FEET)



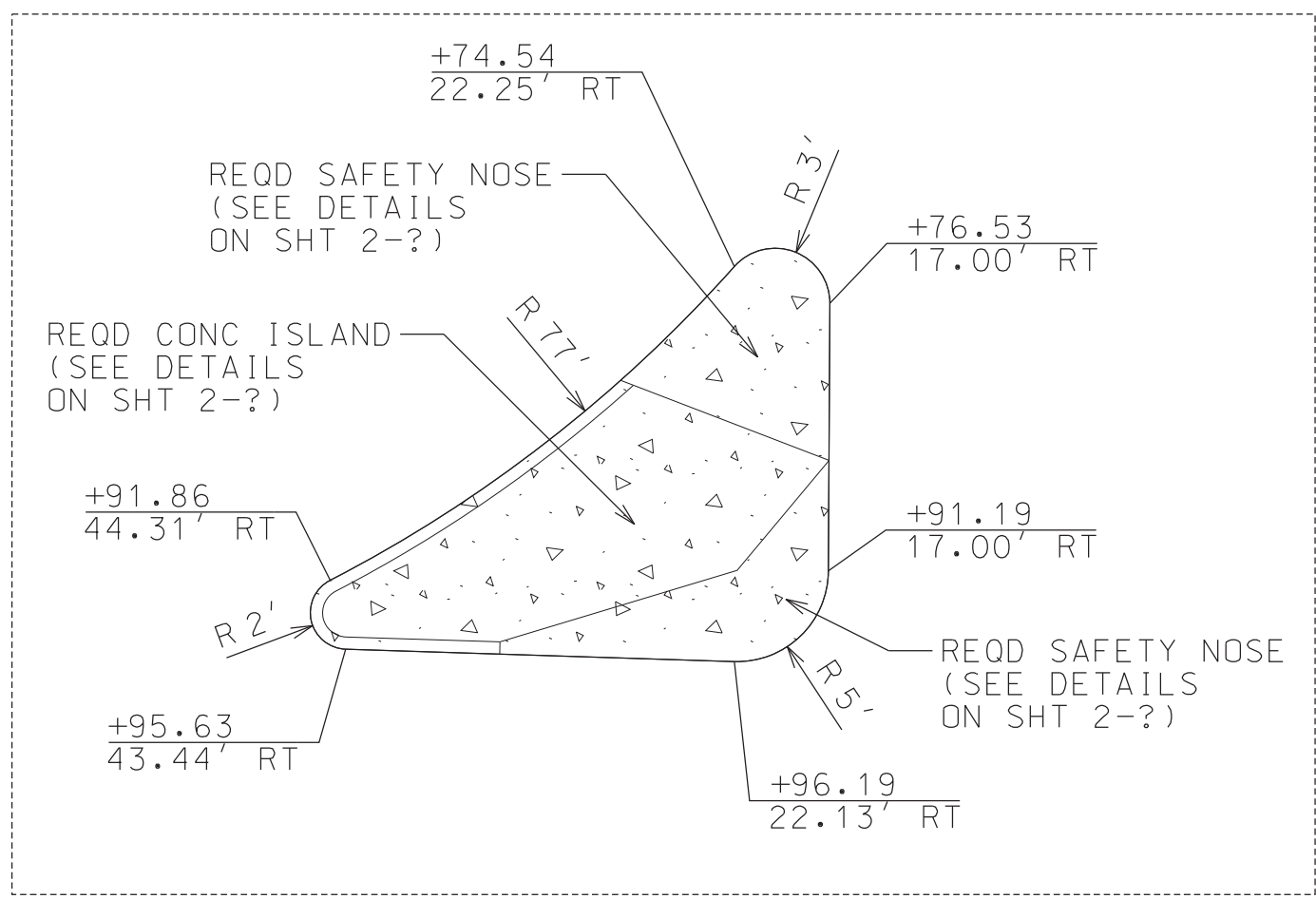
SHEET NUMBER		47
01/31/2020	DATE	
1"=30'	SCALE	
2 OF 2	SERIES NUMBER	
BALDWIN	COUNTY	
FOLEY BEACH EXPRESS	ROUTE	
08.19.002	PROJECT NUMBER	
CDW	REVIEWED	
BY	REVISION OR CHANGE ORDER DESCRIPTION	
NO.	DATE	
		
PROJECT 400-3020-5139 CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12 & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		
SHEET TITLE PAVING LAYOUT SHEET		
		

400-3020-5139
ADDITIVE ALTERNATE NO. 1

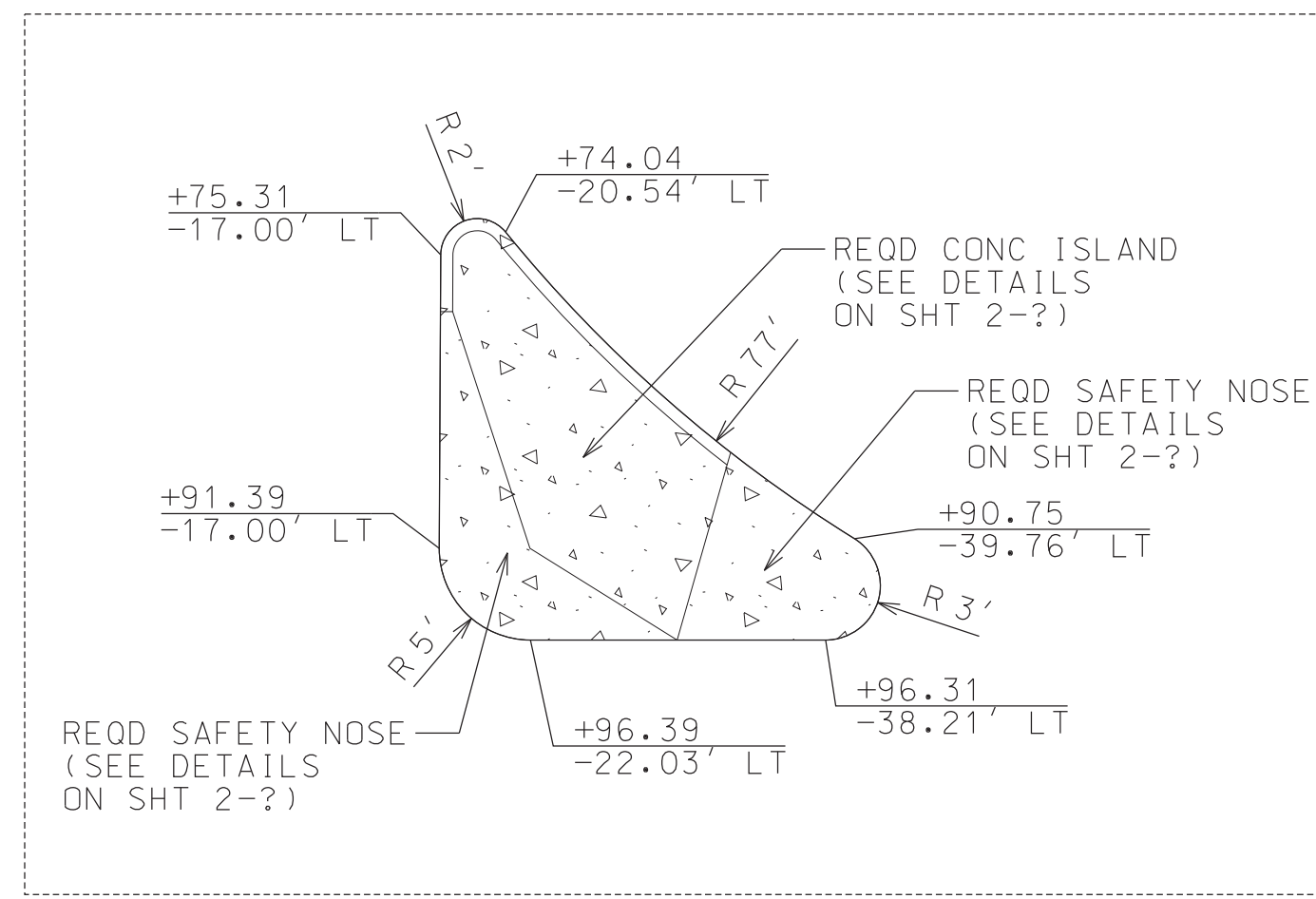


	PROJECT		400-3020-5139 CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		PAVING LAYOUT SHEET			
	SHEET		TITLE		NO.			
	DATE		REVISION OR CHANGE ORDER DESCRIPTION		BY			
	DESIGNED		CHECKED		CDW			
COUNTY	BALDWIN	ROUTE	FOLEY BEACH EXPRESS	PROJECT NUMBER	08.19.002	SERIES NUMBER	1 OF 3	
DATE	01/31/2020	SCALE	1"=30'				SHEET NUMBER	48

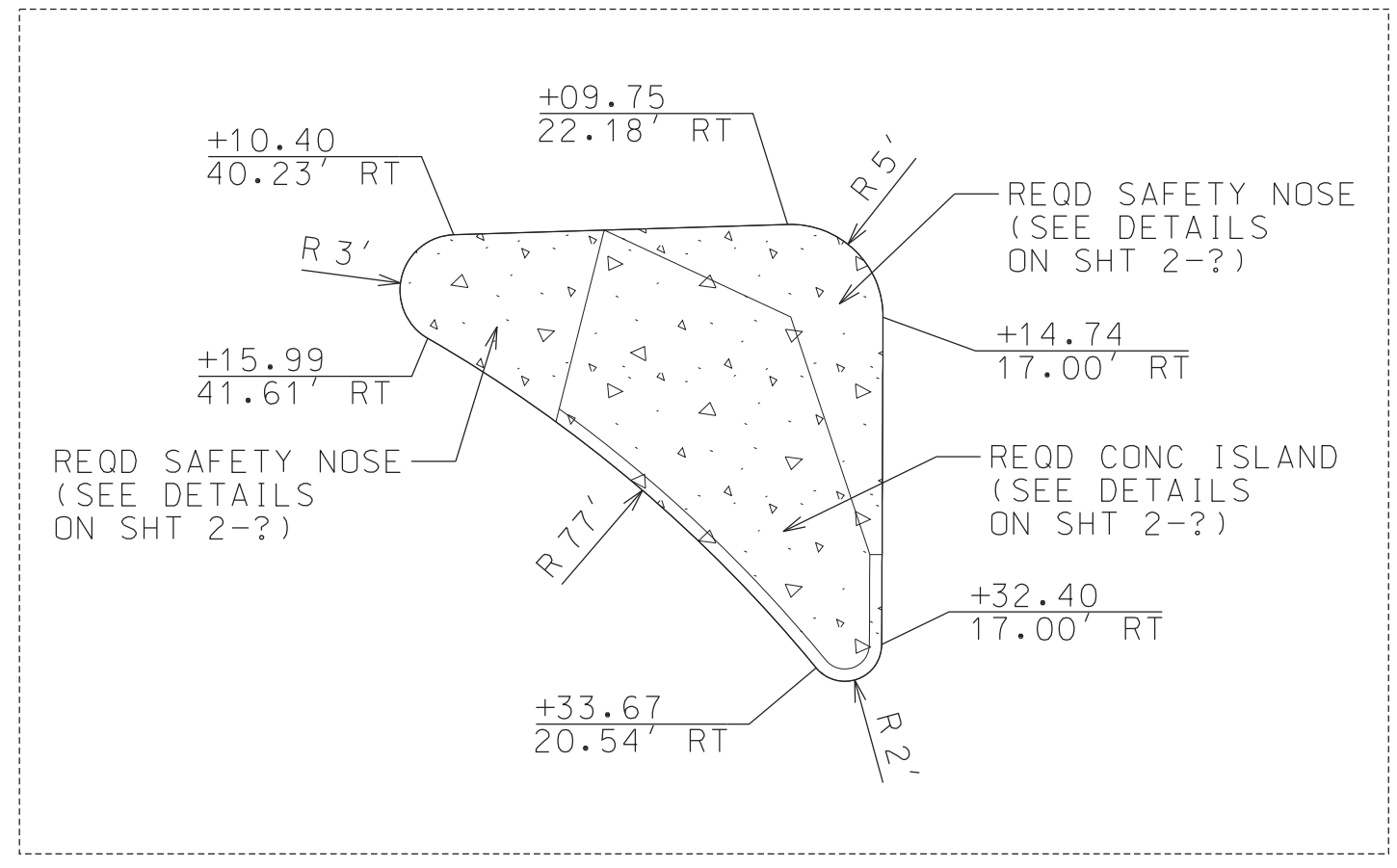
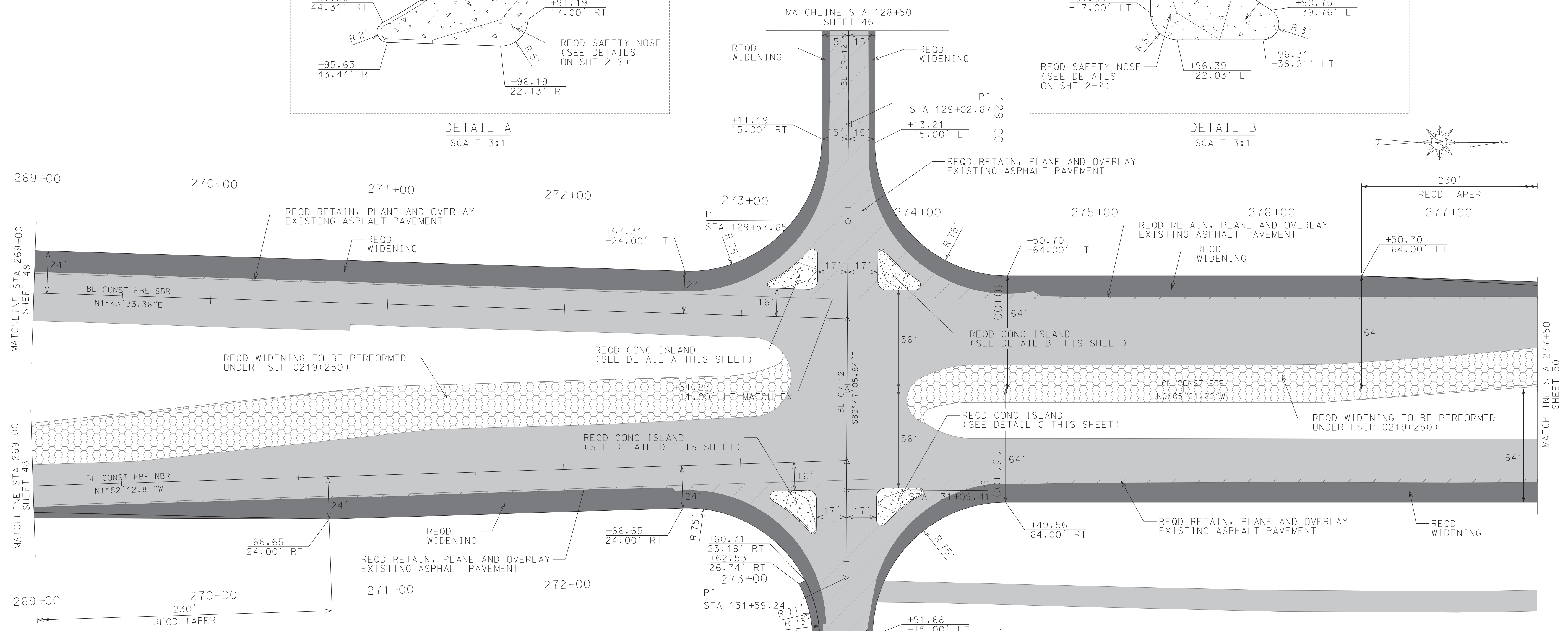
400-3020-5139
ADDITIVE ALTERNATE NO. 1



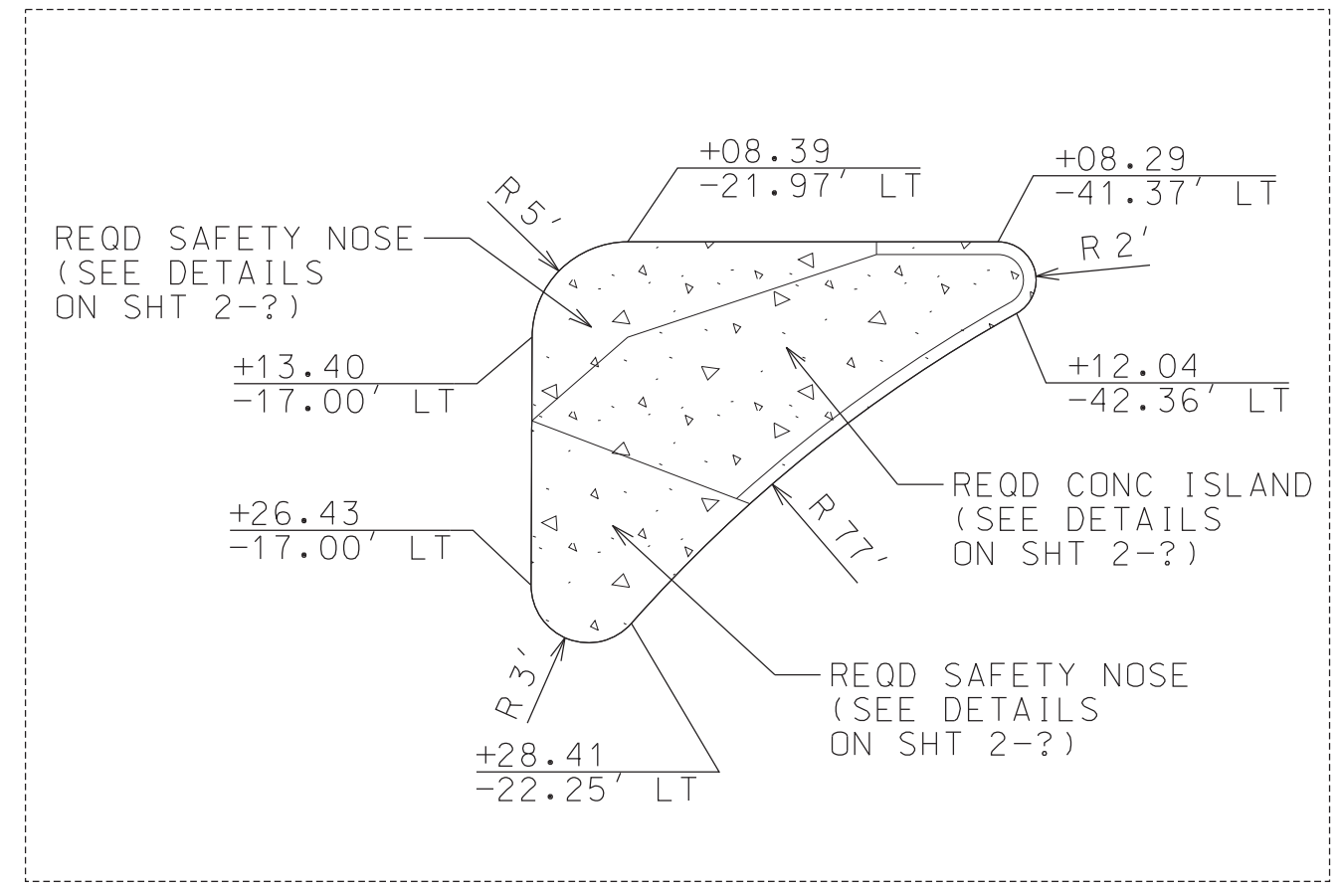
DETAIL A
SCALE 3:1



DETAIL B
SCALE 3:1



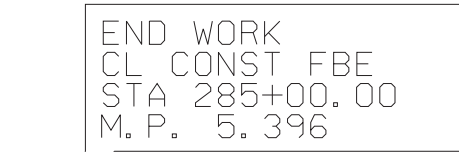
DETAIL D
SCALE 3:1



DETAIL C
SCALE 3:1

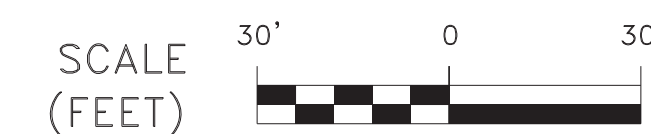




SHEET NUMBER		49	
01/31/2020	DATE	1"=30'	SCALE
BALDWIN	COUNTY	FOLEY BEACH EXPRESS	ROUTE
CDW	DESIGNED	CDW	REVIEWED
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	
PROJECT		400-3020-5139 CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	
SHEET TITLE		PAVING LAYOUT SHEET	
BY			



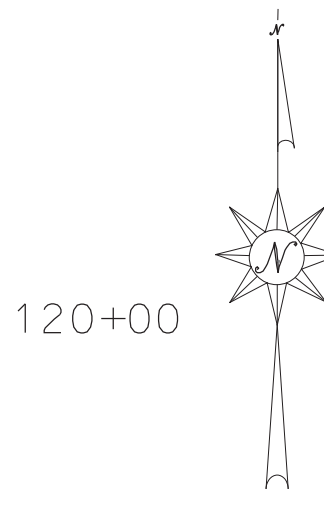
END PROJECT
400-3020-5139
CL CONST FBE
STA 282+49.56
M.P. 5.368

END WORK
CL CONST FBE
STA 285+00.00
M. P. 5.396



	PROJECT HSUP 0216(250) CONSTRUCTION TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	400-3020-5139 INVESTIGATION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		NO. DATE REVISION OR CHANGE ORDER DESCRIPTION BY	DESIGNED		COUNTY	BALDWIN	DATE	01/31/2020	SHEET NUMBER	50
	SHEET TITLE	PAVING LAYOUT SHEET			CHECKED		ROUTE	FOLEY BEACH EXPRESS	SCALE	NTS		

400-3020-5139



120+00

121+00

122+00

123+00

124+00

125+00

126+00

127+00

128+00

END WORK
400-3020-5139
BL CR-12
STA 123+70.40

R2-1
SPEED
LIMIT
45
(RELOCATE)

M3-4
WEST
BALDWIN
COUNTY
12
M1-6
(RELOCATE)

M2-1
JCT
FOLEY BEACH
EXPRESS
(RETAIN)

FOLEY BEACH
EXPRESS
M6-4
(RELOCATE)

MATCHLINE STA 128+50
SHEET 52 OR 54

BL CR-12
N89°56'24.44"E

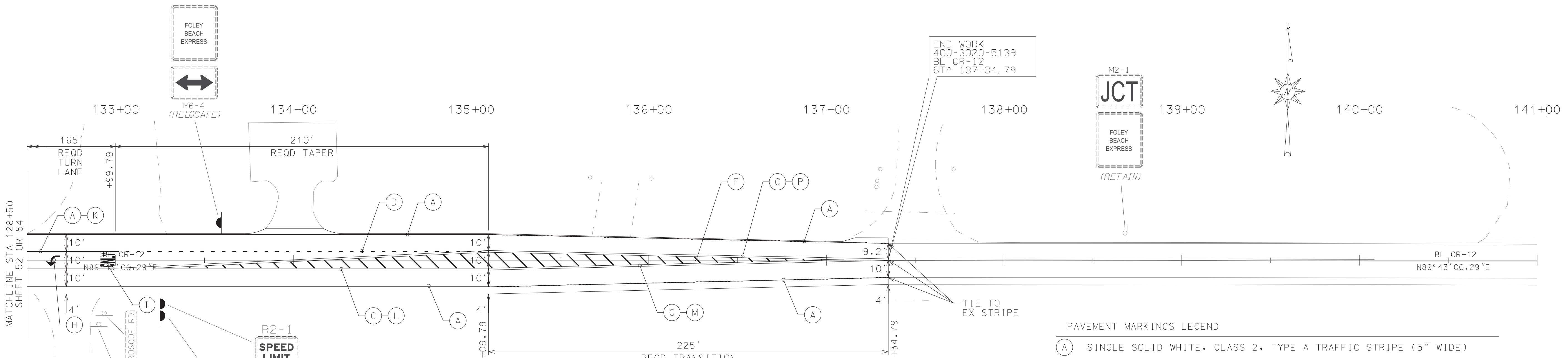
TIE TO
EX STRIPE

225'
REOD TRANSITION

210'
REOD TAPER

165'
REOD TURN
LANE

PC STA 128+47.69



RAISED PAVEMENT MARKERS LEGEND

- (J) PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 3' O.C.
- (K) PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 20' O.C.
- (L) PAVEMENT MARKERS, TYPE 2D, CLASS A-H @ 40' O.C.
- (M) PAVEMENT MARKERS, TYPE 2E, CLASS A-H @ 6' O.C.
- (N) PAVEMENT MARKERS, TYPE 1A, CLASS A-H @ 3' O.C.
- (P) PAVEMENT MARKERS, TYPE 1B, CLASS A-H @ 3' O.C.

PAVEMENT MARKINGS LEGEND

- (A) SINGLE SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5\"/>

SHEET NUMBER		51	
01/31/2020	DATE	BALDWIN	COUNTY
1\"/>			
08/19/02	SERIES NUMBER	CDW	PROJECT NUMBER
DESIGNED		CHECKED	BY
DETAILED		CHECKED	NO.
DATE		REVISION OR CHANGE ORDER DESCRIPTION	

PROJECT 400-3020-5139
HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12
INTERSECTIONS ON FOLEY
BEACH EXPRESS AT CR-12

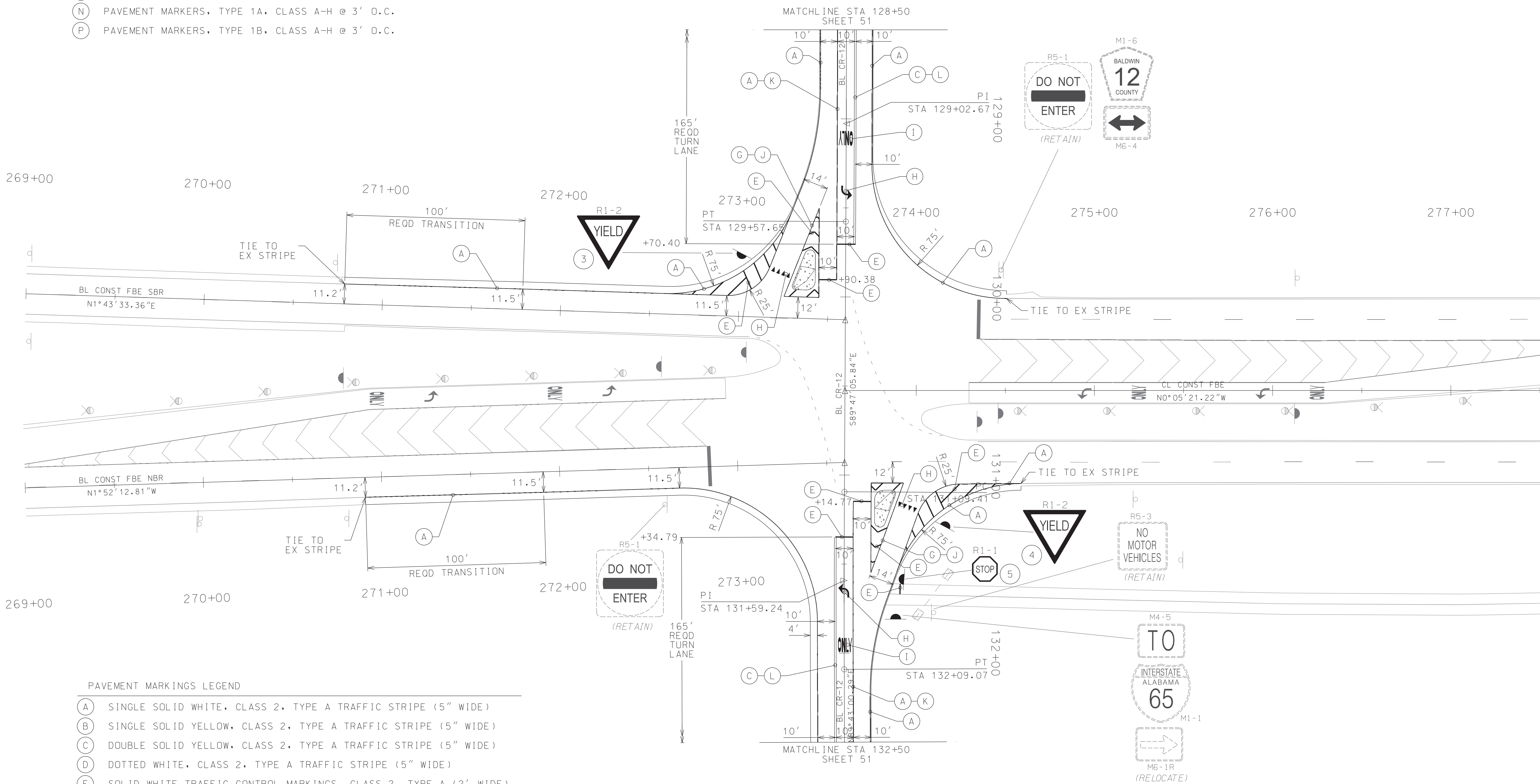
SHEET TITLE
SIGNING AND STRIPING LAYOUT SHEET



RAISED PAVEMENT MARKERS LEGEND

- (J) PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 3' O.C.
- (K) PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 20' O.C.
- (L) PAVEMENT MARKERS, TYPE 2D, CLASS A-H @ 40' O.C.
- (M) PAVEMENT MARKERS, TYPE 2E, CLASS A-H @ 6' O.C.
- (N) PAVEMENT MARKERS, TYPE 1A, CLASS A-H @ 3' O.C.
- (P) PAVEMENT MARKERS, TYPE 1B, CLASS A-H @ 3' O.C.

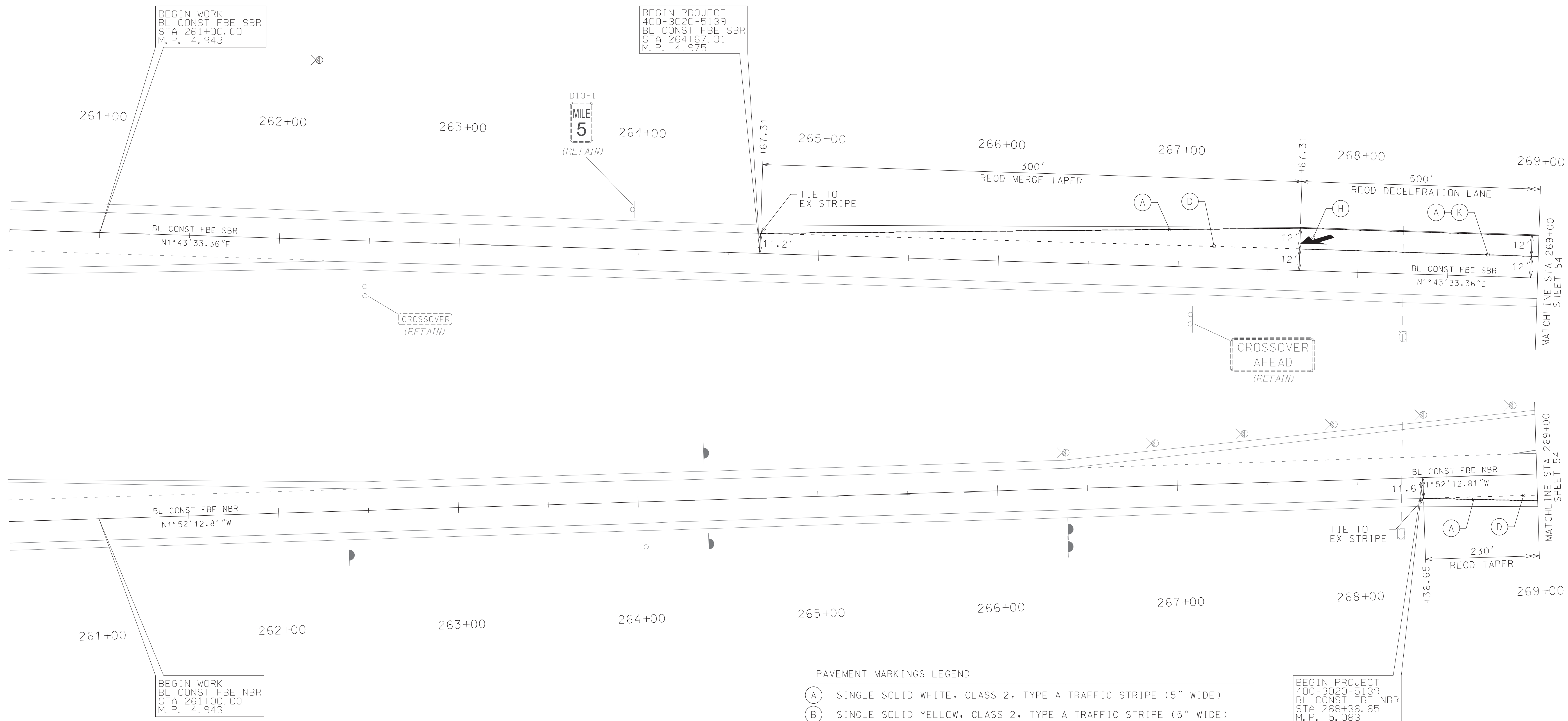
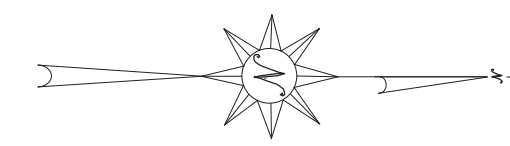
PAVEMENT MARKINGS LEGEND

- (A) SINGLE SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- (B) SINGLE SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- (C) DOUBLE SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- (D) DOTTED WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- (E) SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (2' WIDE)
- (F) SOLID YELLOW TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (2' WIDE)
- (G) SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (10" WIDE)
- (H) SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A
- (I) SOLID WHITE TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A



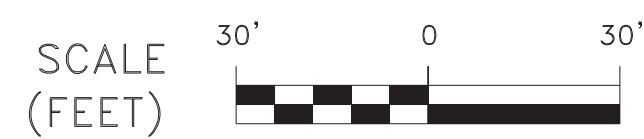
<div>PROJECT HSP-0219(250) 400-3020-5139 CONSTRUCT OFFSET LEFT INTERSECTION & IMPROVEMENTS ON FOLEY TURN LANES ON FOLEY BEACH EXPRESS AT CR-12</div> <div></div>										<div></div>										<div>NO. DATE REVISION OR CHANGE ORDER DESCRIPTION BY</div>										<div>DESIGNED CHECKED DETAILED CHECKED</div>										<div>COUNTY BALDWIN ROUTE FOLEY BEACH EXPRESS CDW</div>										<div>DATE 01/31/2020 SCALE 1"=30' SERIES NUMBER 2 OF 2</div>										<div>SHEET NUMBER 52</div>									
SIGNING AND STRIPING LAYOUT SHEET																																																																					


400-3020-5139
ADDITIVE ALTERNATE NO. 1



RAISED PAVEMENT MARKERS LEGEND	
(J)	PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 3' O.C.
(K)	PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 20' O.C.
(L)	PAVEMENT MARKERS, TYPE 2D, CLASS A-H @ 40' O.C.
(M)	PAVEMENT MARKERS, TYPE 2E, CLASS A-H @ 6' O.C.
(N)	PAVEMENT MARKERS, TYPE 1A, CLASS A-H @ 3' O.C.
(P)	PAVEMENT MARKERS, TYPE 1B, CLASS A-H @ 3' O.C.

PAVEMENT MARKINGS LEGEND	
(A)	SINGLE SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
(B)	SINGLE SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
(C)	DOUBLE SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
(D)	DOTTED WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
(E)	SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (2' WIDE)
(F)	SOLID YELLOW TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (2' WIDE)
(G)	SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (10" WIDE)
(H)	← ▬ ▬ ▬ ▬ → SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A
(I)	ONLY SOLID WHITE TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A

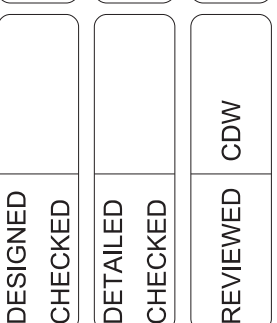


	PROJECT		HSP-0219(250)		400-3020-5139		CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		SHEET TITLE		SIGNING AND STRIPING LAYOUT SHEET		
	INTERSECTION		IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		FOLEY BEACH EXPRESS		FOLEY BEACH EXPRESS		CDW		BY		
	DESIGNED		CHECKED		DATE		NO.		REVISION OR CHANGE ORDER DESCRIPTION		DATE		
	CHECKED		DATE		SCALE		SERIES NUMBER		PROJECT NUMBER		PROJECT NUMBER		
COUNTY		BALDWIN		DATE		01/31/2020		SCALE		1"=30'		SERIES NUMBER	
ROUTE		FOLEY BEACH EXPRESS		SCALE		1"=30'		SERIES NUMBER		1 OF 3		PROJECT NUMBER	
PROJECT NUMBER		08.19.002		SERIES NUMBER		1 OF 3		PROJECT NUMBER		1 OF 3		PROJECT NUMBER	
SHEET NUMBER		53		SHEET NUMBER		53		SHEET NUMBER		53		SHEET NUMBER	

SHEET NUMBER	54	
020		

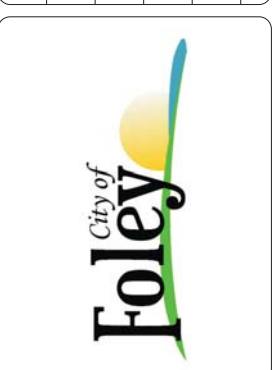
DOWN
KEY BEACH
PRESS
9.002

- | | |
|----------------|---------------|
| COUNTY | BALDWIN |
| ROUTE | FOLEY EXPRESS |
| PROJECT NUMBER | OB.1 |



- [illegible]

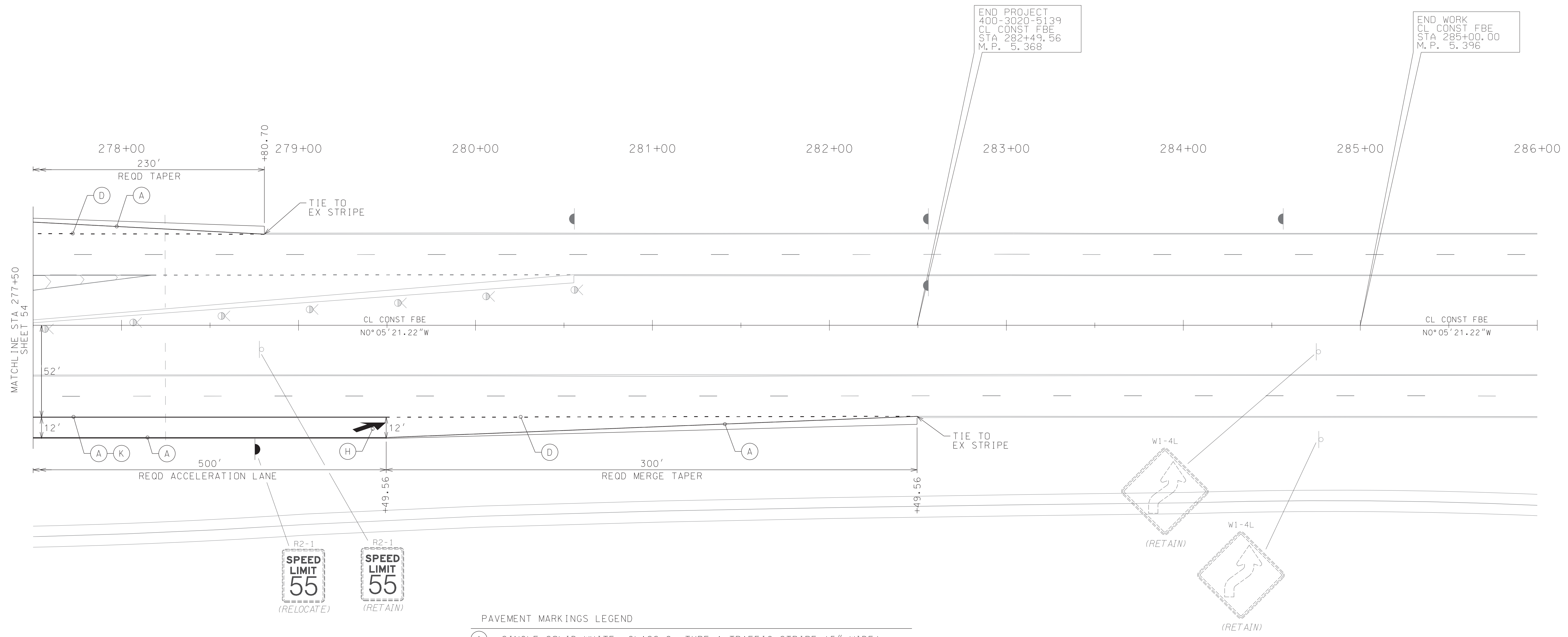
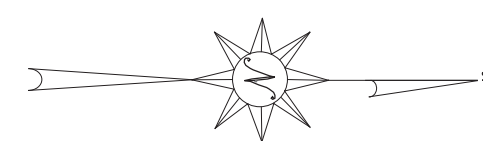
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PROJECT	HSIP-0219(250)	400-3020-5139
	CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12
SHEET TITLE	SIGNING AND STRIPING LAYOUT SHEET	

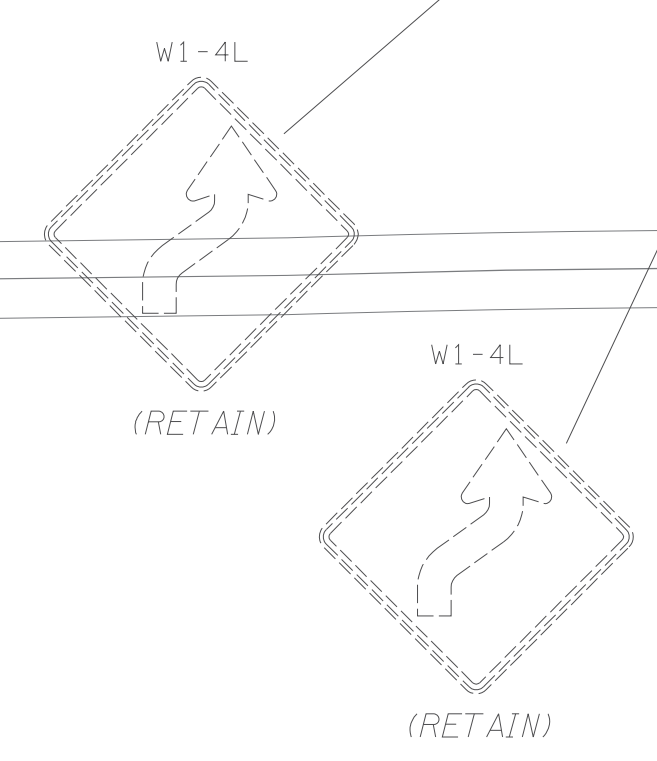


400-3020-5139
ADDITIVE ALTERNATE NO. 1



- RAISED PAVEMENT MARKERS LEGEND
- (J) PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 3' O.C.
 - (K) PAVEMENT MARKERS, TYPE 2C, CLASS A-H @ 20' O.C.
 - (L) PAVEMENT MARKERS, TYPE 2D, CLASS A-H @ 40' O.C.
 - (M) PAVEMENT MARKERS, TYPE 2E, CLASS A-H @ 6' O.C.
 - (N) PAVEMENT MARKERS, TYPE 1A, CLASS A-H @ 3' O.C.
 - (P) PAVEMENT MARKERS, TYPE 1B, CLASS A-H @ 3' O.C.

- PAVEMENT MARKINGS LEGEND
- (A) SINGLE SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
 - (B) SINGLE SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
 - (C) DOUBLE SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
 - (D) DOTTED WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
 - (E) SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (2' WIDE)
 - (F) SOLID YELLOW TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (2' WIDE)
 - (G) SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (10" WIDE)
 - (H) SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A
 - (I) SOLID WHITE TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A

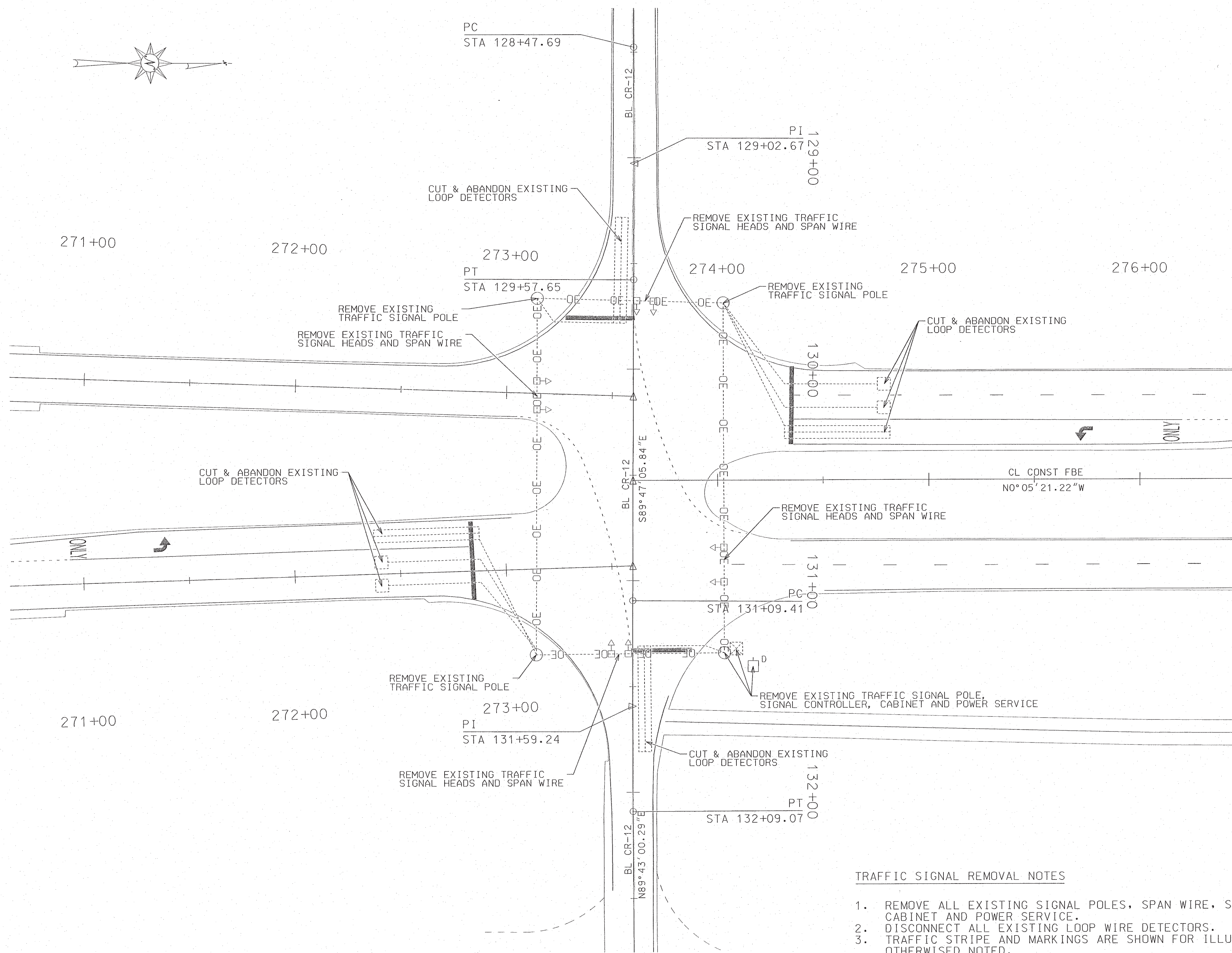


SHEET NUMBER		55	
01/31/2020	DATE	BALDWIN	COUNTY
1"=30'	SCALE	FOLEY BEACH EXPRESS	ROUTE
3 OF 3	SERIES NUMBER	08.19.002	PROJECT NUMBER
DESIGNED	CHECKED	REVIEWED	CDW
BY			
REVISION OR CHANGE ORDER DESCRIPTION			
NO.	DATE		

400-3020-5139
INTERSECTIONS ON FOLEY BEACH EXPRESS AT CR-12

PROJECT HSP-0219(250)
CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12

SIGNING AND STRIPING LAYOUT SHEET

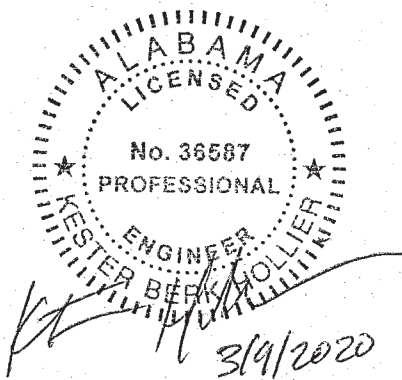


REMOVAL DIAGRAM
FOLEY BEACH EXPRESS
AT CR-12

TRAFFIC SIGNAL REMOVAL NOTES

1. REMOVE ALL EXISTING SIGNAL POLES, SPAN WIRE, SIGNAL CONTROLLER AND CABINET AND POWER SERVICE.
2. DISCONNECT ALL EXISTING LOOP WIRE DETECTORS.
3. TRAFFIC STRIPE AND MARKINGS ARE SHOWN FOR ILLUSTRATIVE PURPOSES UNLESS OTHERWISE NOTED.
4. THE INSTALLER SHALL COORDINATE WITH THE CITY OF FOLEY AND THE PROJECT GENERAL CONTRACTOR TO DETERMINE THE APPROPRIATE CONSTRUCTION PHASING AND TIMING FOR EACH TRAFFIC SIGNAL REMOVAL.
5. WORK ZONE SAFETY AND TEMPORARY TRAFFIC CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR.
6. THE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL EXISTING TRAFFIC SIGNAL JUNCTION BOXES (IF PRESENT) AND REMOVE AS REQUIRED.

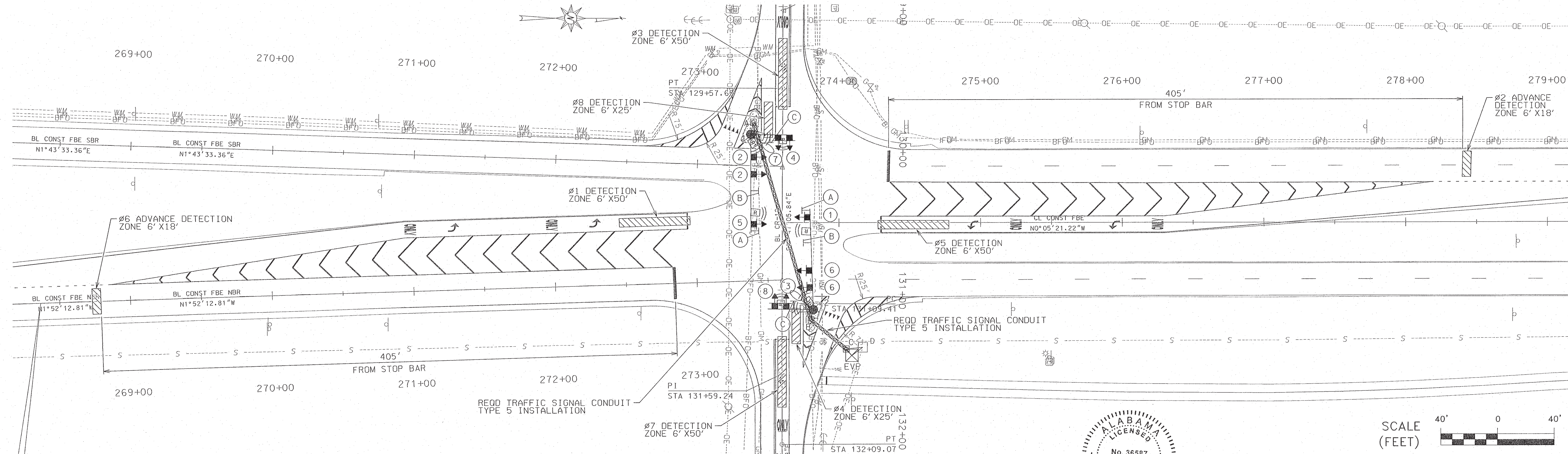
SCALE
(FEET)



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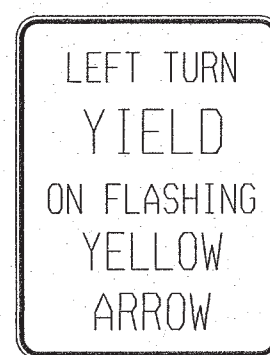


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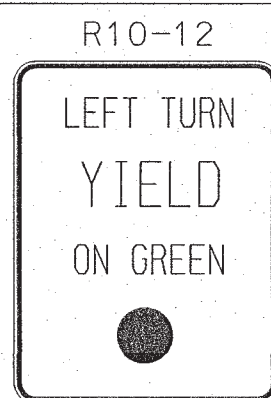
FOLEY BEACH EXPRESS AT CR-12

REQUIRED SIGNS



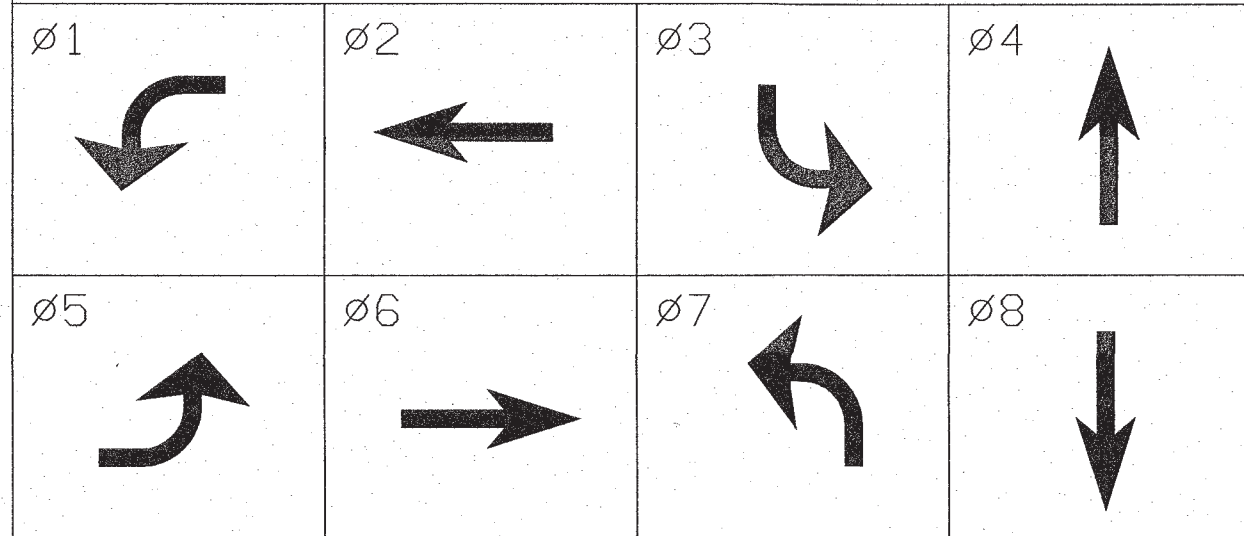
COUNTY RD 12

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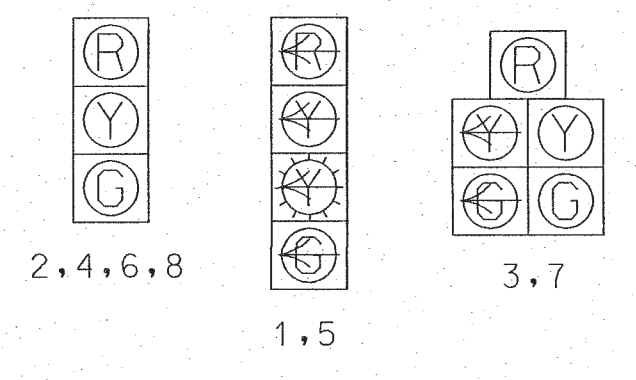


(C)

PHASING DIAGRAM



REQUIRED SIGNAL HEADS



SUPPORTING STRUCTURES

POLE NO.	POLE LENGTH (APPROX.)	MAST ARM LENGTH (APPROX.)	POLE LOCATIONS (APPROX)	LUMINAIRE ARM EXTENSION LENGTH (APPROX)	COMMENTS
1	37	70' x 30'	STA 129+90 (BL CR 12), 22.4' RT	12	NEW POLE
2	37	70' x 30'	STA 131+14 (BL CR-12), 22.1' LT	12	NEW POLE

VEHICLE DETECTOR SCHEDULE

DETECTOR NUMBER	PHASE	CARD #	CHANNEL #	SIZE	LOOP TURNS	OPERATION TYPE	LOCATION/COMMENTS
1	1	1	1	6' X 50'	-	PRESENCE	SWITCH DETECTOR FROM PHASE 1 TO PHASE 2 WHEN PHASE 2 IS GREEN
2	2	1	2	6' X 18'	-	PULSE	405' FROM STOP BAR
3	3	1	3	6' X 50'	-	PRESENCE	SWITCH DETECTOR FROM PHASE 3 TO PHASE 4 WHEN PHASE 4 IS GREEN
4	4	1	4	6' X 25'	-	PRESENCE	
5	5	2	1	6' X 50'	-	PRESENSE	SWITCH DETECTOR FROM PHASE 5 TO PHASE 6 WHEN PHASE 6 IS GREEN
6	6	2	2	6' X 18'	-	PULSE	405' FROM STOP BAR
7	7	2	3	6' X 50'	-	PRESENCE	SWITCH DETECTOR FROM PHASE 7 TO PHASE 8 WHEN PHASE 8 IS GREEN
8	8	2	4	6' X 25'	-	PULSE	

RECOMMENDED TIMINGS (all times in seconds)

PHASE	MIN INITIAL	DENSITY ACTIVE?	ADDED INITIAL	MAX INITIAL	TTR	TBR	MIN GAP	PASSAGE	YELLOW	ALL RED	MAX I	MAX II	WALK	FDW	RECALL	NON LOCK
1	6.0	NO						2.0	3.2	2.0	20					ON
2	20.0	YES	1.5	38.0	15.0	20.0	2.0	4.6	5.4	1.4	60				MIN	
3	6.0	NO						2.0	4.7	2.0	20					ON
4	8.0	NO						2.0	4.7	2.0	30					ON
5	4.0	NO						2.0	3.2	2.0	15					ON
6	20.0	YES	1.5	38.0	15.0	20.0	2.0	4.6	5.4	1.4	60				MIN	
7	4.0	NO						2.0	4.7	2.0	15					ON
8	8.0	NO						2.0	4.7	2.0	30					ON

TRAFFIC SIGNAL NOTES

- TRAFFIC STRIPE AND MARKINGS ARE SHOWN FOR ILLUSTRATIVE PURPOSES UNLESS OTHERWISE NOTED.
- SEE SHEET 59 FOR THE REQUIRED TRAFFIC SIGNAL OPERATING PLAN.
- SEE ALDOT SPECIAL DRAWING NO. T.S.D.-730-18 FOR FLASHING YELLOW ARROW SIGN.
- REQUIRED EMERGENCY VEHICLE PREEMPTION SYSTEM SHALL BE GPS/CELL/RADIO BASED AND THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF FOLEY ON SETUP AND REQUIRED SPECIFICATIONS.
- REQUIRED FLASHING YELLOW ARROW SIGNAL HEADS AND SIGNS ARE SHOWN FOR ILLUSTRATIVE PURPOSES AND SHALL BE PAID FOR UNDER PROJECT NO. HS19-0219(250). SEE SHEET 14.

EMERGENCY PRE-EMPTION PARAMETERS

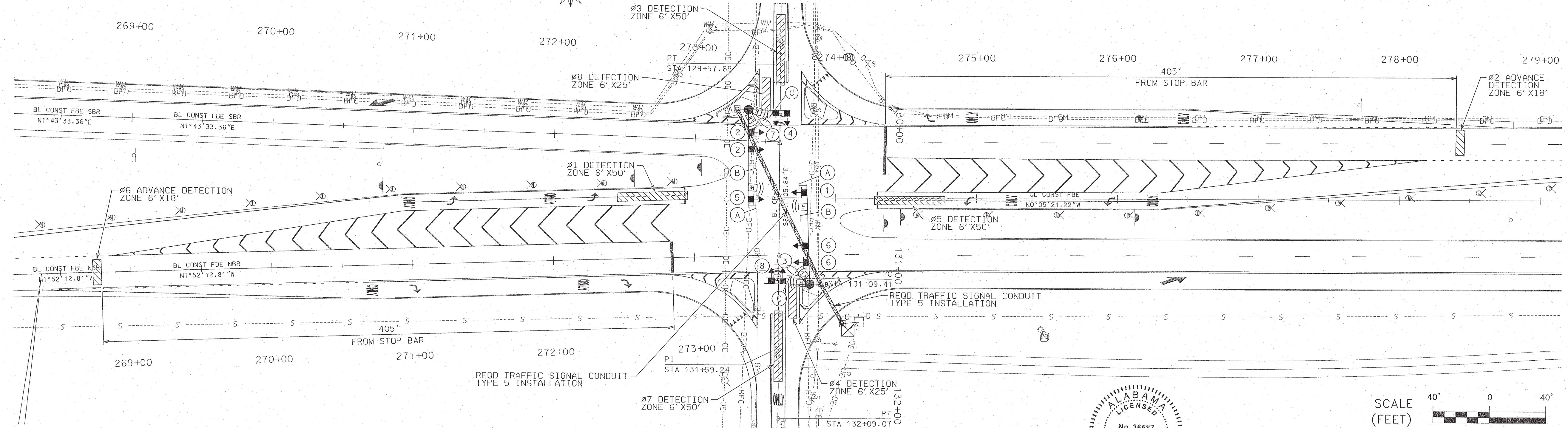
PHASE	APPROACH	MAX CALL (sec)	MAX HOLD (sec)	EXTEND TIME (sec)	PRE-EMPT PHASING
2+5	SB	100	60	8	2+5
1+6	NB	100	60	8	1+6
4+7	WB	80	60	7	4+8
3+8	EB	80	60	7	4+8

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE (PAID FOR UNDER PAY ITEM 730C-000)

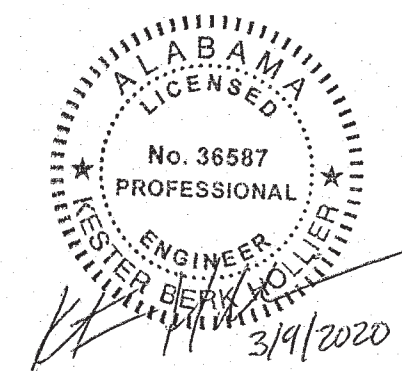
#14 SIGNAL CABLE, IMSA 20-1
R10-12 AND FYA SIGN WITH HARDWARE
POWER SOURCE 240 VOLT
TRAFFIC SIGNAL HEAD BACKPLATES WITH REFLECTIVE BORDER
MISC. HARDWARE

CONDUIT AND CONDUCTOR SCHEDULE			
CONDUIT	CONDUCTOR	FROM	TO
-	1-3C/#6 AWG POWER CABLE	DISCONNECT	GROUND ROD
1-1" PVC	1-3C/#6 AWG POWER CABLE	DISCONNECT	TRAFFIC SIGNAL CONTROLLER
1-1" PVC	1-3C/#8 AWG POWER CABLE	DISCONNECT	JUNCTION BOX C
-	4C SIGNAL CABLE	POLE 1	SIGNAL HEADS 2
	4C SIGNAL CABLE		SIGNAL HEAD 4
	7C SIGNAL CABLE		SIGNAL HEAD 5
	7C SIGNAL CABLE		SIGNAL HEAD 7
	LUMINARE POWER CABLE		LUMINARE
2-2" PVC	VEHICLE DETECTION CABLE	POLE 1	RADAR SENSOR
	4C SIGNAL CABLE		JUNCTION BOX A
	7C SIGNAL CABLE		
	LUMINARE POWER CABLE		
	VEHICLE DETECTION CABLE		
2-2" PVC	4C SIGNAL CABLE	JUNCTION BOX A	JUNCTION BOX B
	7C SIGNAL CABLE		
	LUMINARE POWER CABLE		
	VEHICLE DETECTION CABLE		
	4C SIGNAL CABLE	POLE 2	SIGNAL HEADS 6
-	4C SIGNAL CABLE		SIGNAL HEAD 8
	7C SIGNAL CABLE		SIGNAL HEAD 1
	7C SIGNAL CABLE		SIGNAL HEAD 3
	LUMINARE POWER CABLE		LUMINARE
2-2" PVC	VEHICLE DETECTION CABLE	POLE 2	RADAR SENSOR
	4C SIGNAL CABLE		JUNCTION BOX B
	7C SIGNAL CABLE		
	LUMINARE POWER CABLE		
	VEHICLE DETECTION CABLE		
3-2" PVC	4C SIGNAL CABLE	JUNCTION BOX B	JUNCTION BOX C
	7C SIGNAL CABLE		
	LUMINARE POWER CABLE		
	VEHICLE DETECTION CABLE		
	4C SIGNAL CABLE	JUNCTION BOX C	TRAFFIC SIGNAL CONTROLLER
3-2" PVC	7C SIGNAL CABLE		
	LUMINARE POWER CABLE		
	VEHICLE DETECTION CABLE		
	4C SIGNAL CABLE		

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ADDITIVE ALTERNATE NO. 1

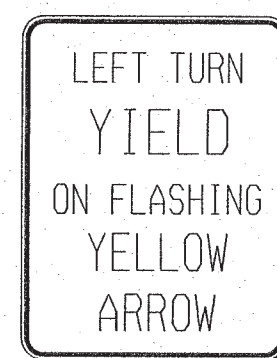


FOLEY BEACH EXPRESS AT CR-12



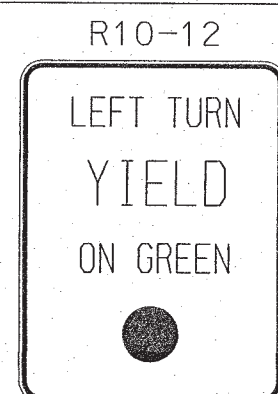
SCALE
(FEET)

REQUIRED SIGNS



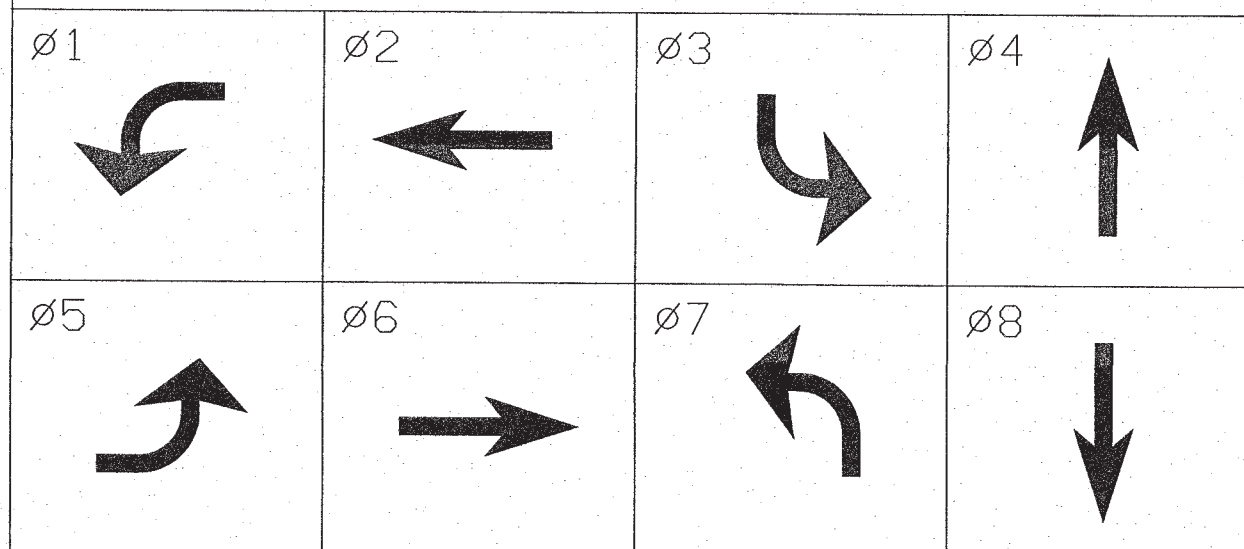
COUNTY RD 12

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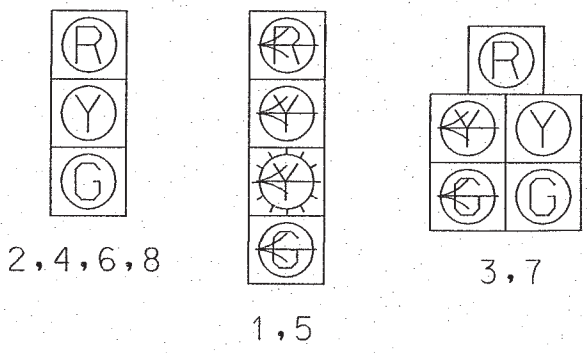


(C)

PHASING DIAGRAM



REQUIRED SIGNAL HEADS



SUPPORTING STRUCTURES

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RECOMMENDED TIMINGS (all times in seconds)

PHASE	MIN INITIAL	DENSITY ACTIVE?	ADDED INITIAL	MAX INITIAL	TTR	TBR	MIN GAP	PASSAGE	YELLOW	ALL RED	MAX I	MAX II	WALK	FDW	RECALL	NON LOCK
1	6.0	NO						2.0	3.2	2.0	20					ON
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3	6.0	NO						2.0	4.7	2.0	20					ON
4	8.0	NO						2.0	4.7	2.0	30					ON
5	4.0	NO						2.0	3.2	2.0	15					ON
6	20.0	YES	1.5	38.0	15.0	20.0	2.0	4.6	5.4	1.4	60				MIN	
7	4.0	NO						2.0	4.7	2.0	15					ON
8	8.0	NO						2.0	4.7	2.0	30					ON

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- TRAFFIC STRIPE AND MARKINGS ARE SHOWN FOR ILLUSTRATIVE PURPOSES UNLESS OTHERWISE NOTED.
- SEE SHEET 59 FOR THE REQUIRED TRAFFIC SIGNAL OPERATING PLAN.
- SEE ALDOT SPECIAL DRAWING NO. T.S.D.-730-18 FOR FLASHING YELLOW ARROW SIGN.
- REQUIRED EMERGENCY VEHICLE PREEMPTION SYSTEM SHALL BE GPS/CELL/RADIO BASED AND THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF FOLEY ON SETUP AND REQUIRED SPECIFICATIONS.
- REQUIRED FLASHING YELLOW ARROW SIGNAL HEADS AND SIGNS ARE SHOWN FOR ILLUSTRATIVE PURPOSES AND SHALL BE PAID FOR UNDER PROJECT NO. HSIP-0219(250). SEE SHEET 14.

EMERGENCY PRE-EMPTION PARAMETERS

PHASE	APPROACH	MAX CALL (sec)	MAX HOLD (sec)	EXTEND TIME (sec)	PRE-EMPT PHASING
2+5	SB	100	60	8	2+5
1+6	NB	100	60	8	1+6
4+7	WB	80	60	7	4+8
3+8	EB	80	60	7	4+8

ESTIMATED EQUIPMENT AND MATERIAL SCHEDULE
(PAID FOR UNDER PAY ITEM 730C-000)

#14 SIGNAL CABLE, IMSA 20-1
R10-12 AND FYA SIGN WITH HARDWARE
POWER SOURCE 240 VOLT
TRAFFIC SIGNAL HEAD BACKPLATES WITH REFLECTIVE BORDER
MISC. HARDWARE

CONDUIT AND CONDUCTOR SCHEDULE				
CONDUIT	CONDUCTOR	FROM	TO	
-	1-3C/#6 AWG POWER CABLE	DISCONNECT	GROUND ROD	
1-1" PVC	1-3C/#6 AWG POWER CABLE	DISCONNECT	TRAFFIC SIGNAL CONTROLLER	
1-1" PVC	1-3C/#8 AWG POWER CABLE	DISCONNECT	JUNCTION BOX C	
-	4C SIGNAL CABLE	POLE 1	SIGNAL HEADS 2	
	4C SIGNAL CABLE		SIGNAL HEAD 4	
	7C SIGNAL CABLE		SIGNAL HEAD 5	
	7C SIGNAL CABLE		SIGNAL HEAD 7	
	LUMINAIRE POWER CABLE		LUMINAIRE	
	VEHICLE DETECTION CABLE		RADAR SENSOR	
2-2" PVC	4C SIGNAL CABLE	POLE 1	JUNCTION BOX A	
	7C SIGNAL CABLE			
	LUMINAIRE POWER CABLE			
	VEHICLE DETECTION CABLE			
2-2" PVC 6" HDPE CASING	4C SIGNAL CABLE	JUNCTION BOX A	JUNCTION BOX B	
	7C SIGNAL CABLE			
	LUMINAIRE POWER CABLE			
	VEHICLE DETECTION CABLE			
-	4C SIGNAL CABLE	POLE 2	SIGNAL HEADS 6	
	4C SIGNAL CABLE		SIGNAL HEAD 8	
	7C SIGNAL CABLE		SIGNAL HEAD 1	
	7C SIGNAL CABLE		SIGNAL HEAD 3	
	LUMINAIRE POWER CABLE		LUMINAIRE	
	VEHICLE DETECTION CABLE		RADAR SENSOR	
	2-2" PVC		POLE 2	JUNCTION BOX B
7C SIGNAL CABLE				
LUMINAIRE POWER CABLE				
3-2" PVC 8" HDPE CASING	4C SIGNAL CABLE	JUNCTION BOX B	JUNCTION BOX C	
	7C SIGNAL CABLE			
	LUMINAIRE POWER CABLE			
	VEHICLE DETECTION CABLE			
3-2" PVC	4C SIGNAL CABLE	JUNCTION BOX C	TRAFFIC SIGNAL CONTROLLER	
	7C SIGNAL CABLE			
	LUMINAIRE POWER CABLE			
	VEHICLE DETECTION CABLE			

PHASE	REF	INT	1	2	3	4	5	6	7	8	MOVEMENT
1+5	CLEAR TO	1	R/W	<G-	R	R	R	<G-	R	R	
		2	1+6	<G-	R	R	R	<Y-	R	R	
		3	2+5	<Y-	R	R	R	<G-	R	R	
		4	ALL OTHERS	<Y-	R	R	R	<Y-	R	R	
1+6	CLEAR TO	5	R/W	<G-	R	R	R	<R-	G	R	
		6	1+5	<G-	R	R	R	<R-	Y	R	
		7	2+6 AR1	<Y-	R	R	R	<R-	G	R	
		8	ALL OTHERS	<Y-	R	R	R	<R-	Y	R	
1+6 FYA	CLEAR TO	9	R/W	<G-	R	R	R	<FY-	G	R	
		10	1+5	<G-	R	R	R	<FY-	Y	R	
		11	2+6 AR2	<Y-	R	R	R	<FY-	G	R	
		12	ALL OTHERS	<Y-	R	R	R	<Y-	Y	R	
2+5	CLEAR TO	13	R/W	<R-	G	R	R	<G-	R	R	
		14	1+5	<R-	Y	R	R	<G-	R	R	
		15	2+6 AR1	<R-	G	R	R	<Y-	R	R	
		16	ALL OTHERS	<R-	Y	R	R	<Y-	R	R	
2+5 FYA	CLEAR TO	17	R/W	<FY-	G	R	R	<G-	R	R	
		18	1+5	<FY-	Y	R	R	<G-	R	R	
		19	2+6 AR3	<FY-	G	R	R	<Y-	R	R	
		20	ALL OTHERS	<FY-	Y	R	R	<Y-	R	R	

ALABAMA
LICENSED
No. 36587
PROFESSIONAL
ENGINEER
BRYAN B. HOUQUET
3/4/2020

PHASE	REF	INT	1	2	3	4	5	6	7	8	MOVEMENT		
2+6 AR1 2+6 AR2 2+6 AR3	21	2+6	<R-	G	R	R	<R-	G	R	R			
	22	2+6	<R-	G	R	R	<FY-	G	R	R			
	23	2+6	<FY-	G	R	R	<R-	G	R	R			
	24	R/W	<FY-	G	R	R	<FY-	G	R	R			
2+6	CLEAR TO	25	1+6 FYA	<FY-	Y	R	R	<FY-	G	R	R		
		26	2+5 FYA	<FY-	G	R	R	<FY-	Y	R	R		
		27	1+5	<FY-	Y	R	R	<FY-	Y	R	R		
		28	ALL OTHERS	<Y-	Y	R	R	<Y-	Y	R	R		
		29	R/W	<R-	R	R	<G-	R	R	<G-	R		
3+7	CLEAR TO	30	3+8	<R-	R	R	<G-	R	R	<G-	R		
		31	4+7	<R-	R	R	<Y-	R	R	<Y-	R		
		32	ALL OTHERS	<R-	R	R	<Y-	R	R	<Y-	R		
		33	R/W	<R-	R	G	<G-	R	R	R	G		
3+8	CLEAR TO	34	4+8	<R-	R	G	<Y-	R	R	R	G		
		35	3+7	<R-	R	Y	<G-	R	R	R	Y		
		36	ALL OTHERS	<R-	R	Y	<Y-	R	R	R	Y		
		37	R/W	<R-	R	R	G	<R-	R	G	<G-		R
4+7	CLEAR TO	38	4+8	<R-	R	R	G	<R-	R	G	<Y-	R	
		39	3+7	<R-	R	R	Y	<R-	R	Y	<G-	R	
		40	ALL OTHERS	<R-	R	R	Y	<R-	R	Y	<Y-	R	
		41	R/W	<R-	R	G	G	<R-	R	G	G		
4+8	CLEAR TO	42	3+8	DIRECT CLEARANCE PROHIBITED									
		43	4+7	DIRECT CLEARANCE PROHIBITED									
		44	ALL OTHERS	<R-	R	Y	Y	<R-	R	Y	Y		

SHEET NUMBER

59

01/31/2020

DATE

NTS

SCALE

1 OF 1

SHEET NUMBER

BALDWIN

COUNTY

FOLEY BEACH EXPRESS

ROUTE

OB 19.002

PROJECT NUMBER

KBH

DESIGNED

CHECKED

DETAILED

CHECKED

REVIEWED

CDW

BY

REVISION OR CHANGE ORDER DESCRIPTION

DATE

NO.

DATE

City of

Foley

PROJECT

HSIP-0219(250)

400-3020-5139

CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12

& IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12

TRAFFIC SIGNAL PLAN SHEET

SHEET TITLE

BK

400-3020-5139

POLE #1

STA 129+90, 22.4' RT OF BL CR-12
N=129389.548, E=1919755.708

DRILL HOLE LOG

BORING NO.: B-13

PROJECT: Proposed Baldwin Beach Express & County Road 12 Improvements
CLIENT: BKI
LOCATION: Foley, AL
DRILLER: Chris Rea
DRILL RIG:
DEPTH TO WATER> INITIAL  : 8

PROJECT NO.: DL 1673-19
DATE: 4/22/2019
ELEVATION:
LOGGED BY: Jason Christian

ELEVATION/ DEPTH	WELL DETAIL	SOIL SYMBOLS, SAMPLERS AND TEST DATA	USCS	Description	NM	DD	STANDARD PENETRATION TEST			
							DEPTH	N	CURVE	
0				8 Inches Organic Topsoil					10	
			SC-SM	Light Gray Silty-Clayey Sand, Loose					8	
				Very Loose					2	
4.5									2	
			SC-SM	Ground Water at 8 ft Loose					9	
9										
13.5			SM	Tan Silty Sand, Loose					6	
18			SM	Pink, Tan Silty Sand, Loose					7	
22.5									7	
27			SP	Light Tan Sand, Loose					7	
				Boring Terminated at 30 ft						

This information pertains only to this boring and should not be interpreted as being indicative of the site.

POLE #2

STA 131+14, 22.1' LT OF BL CR-12
N=129433.633, E=1919879.269

DRILL HOLE LOG



BORING NO.: B-14

PROJECT: Proposed Baldwin Beach Express & County Road 12 Improvements
CLIENT: BKI
LOCATION: Foley, AL
DRILLER: Chris Rea
DRILL RIG:
DEPTH TO WATER> INITIAL  : 16

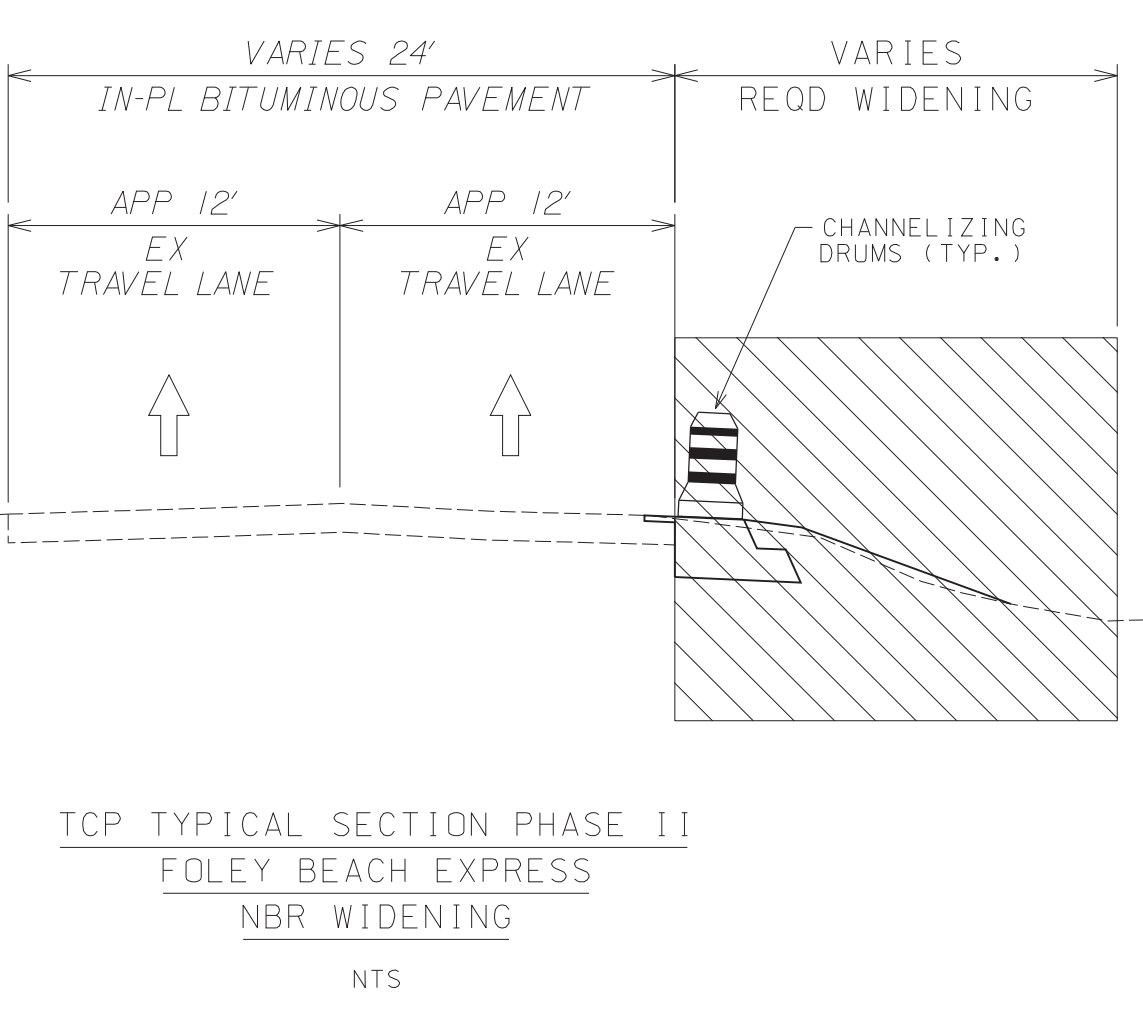
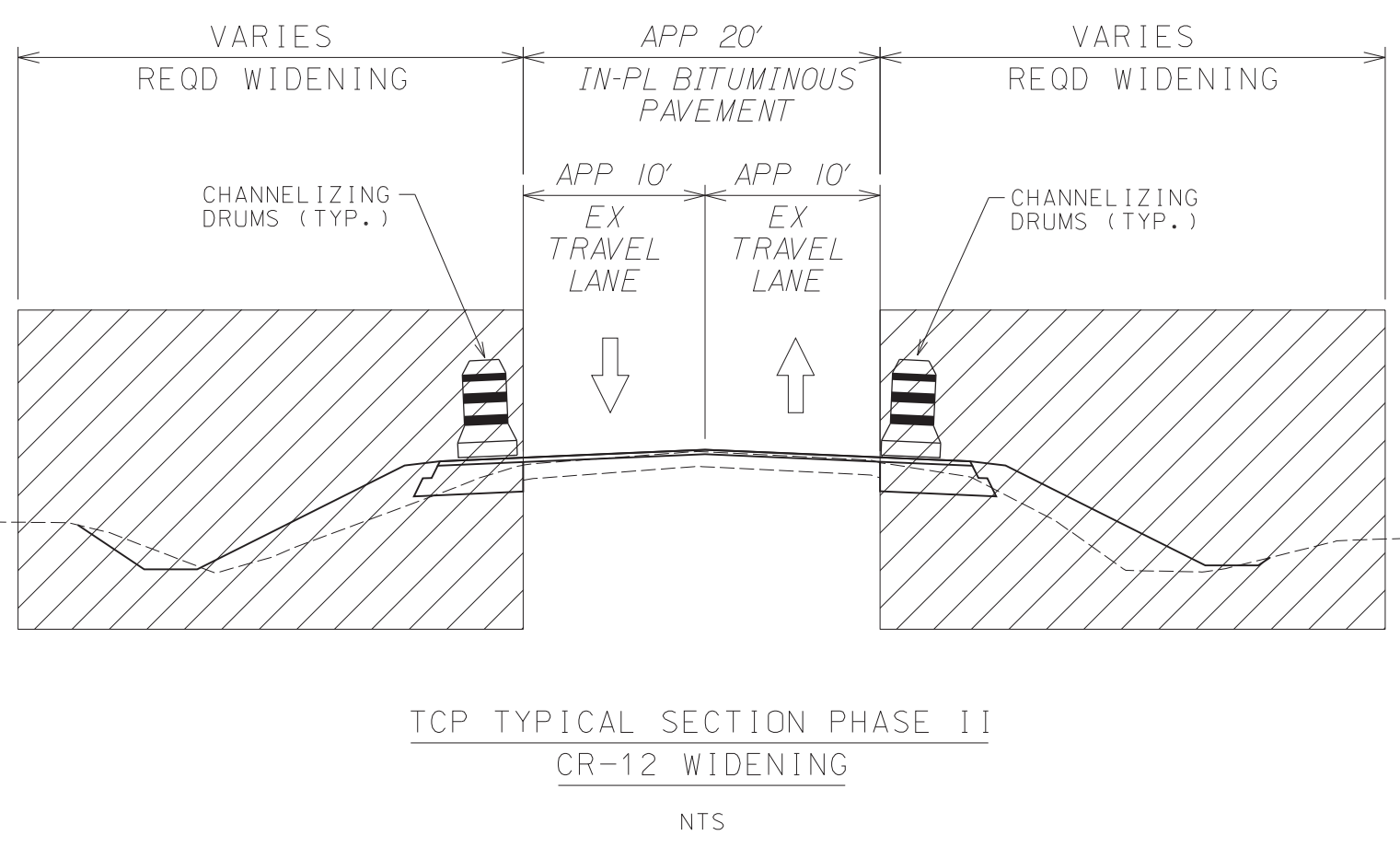
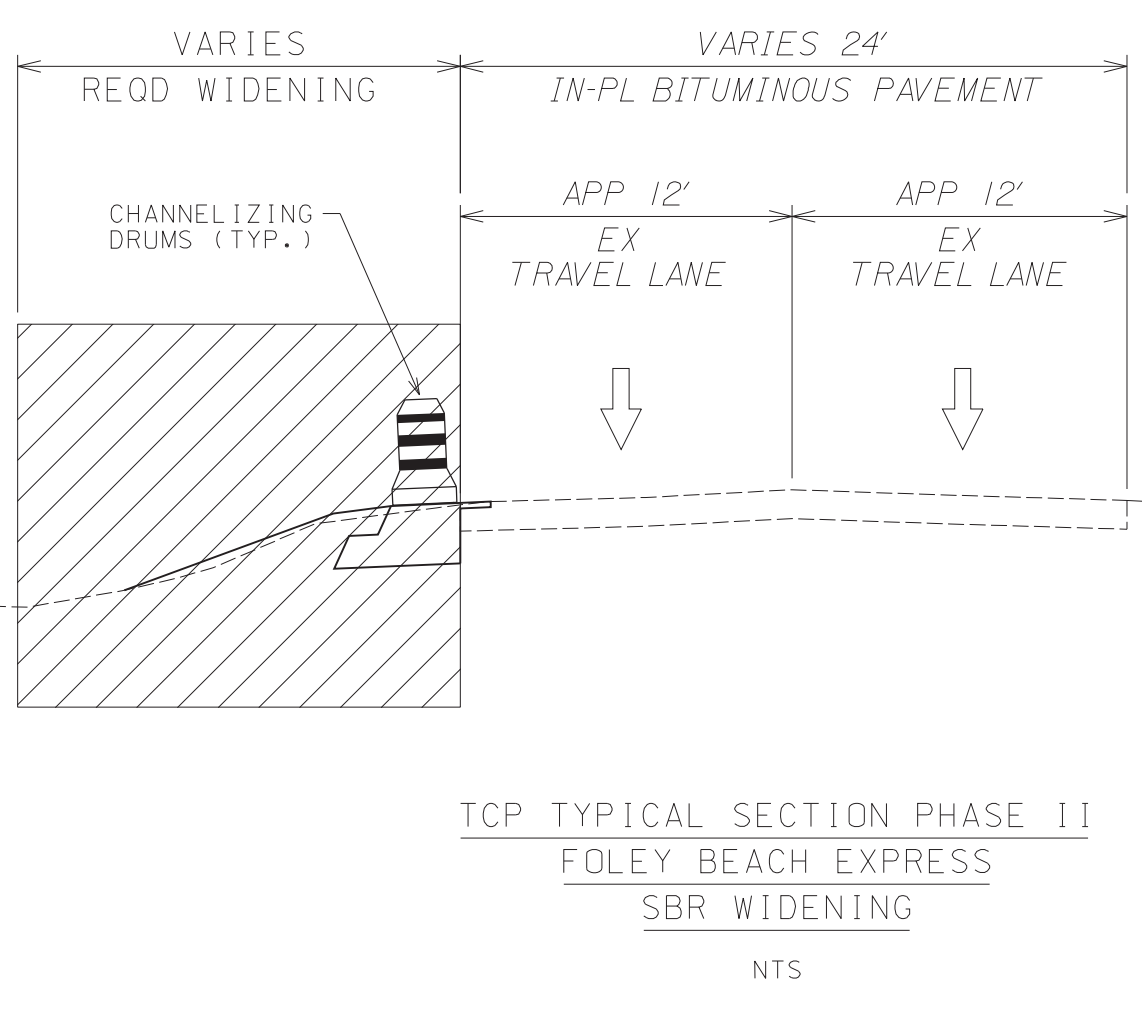
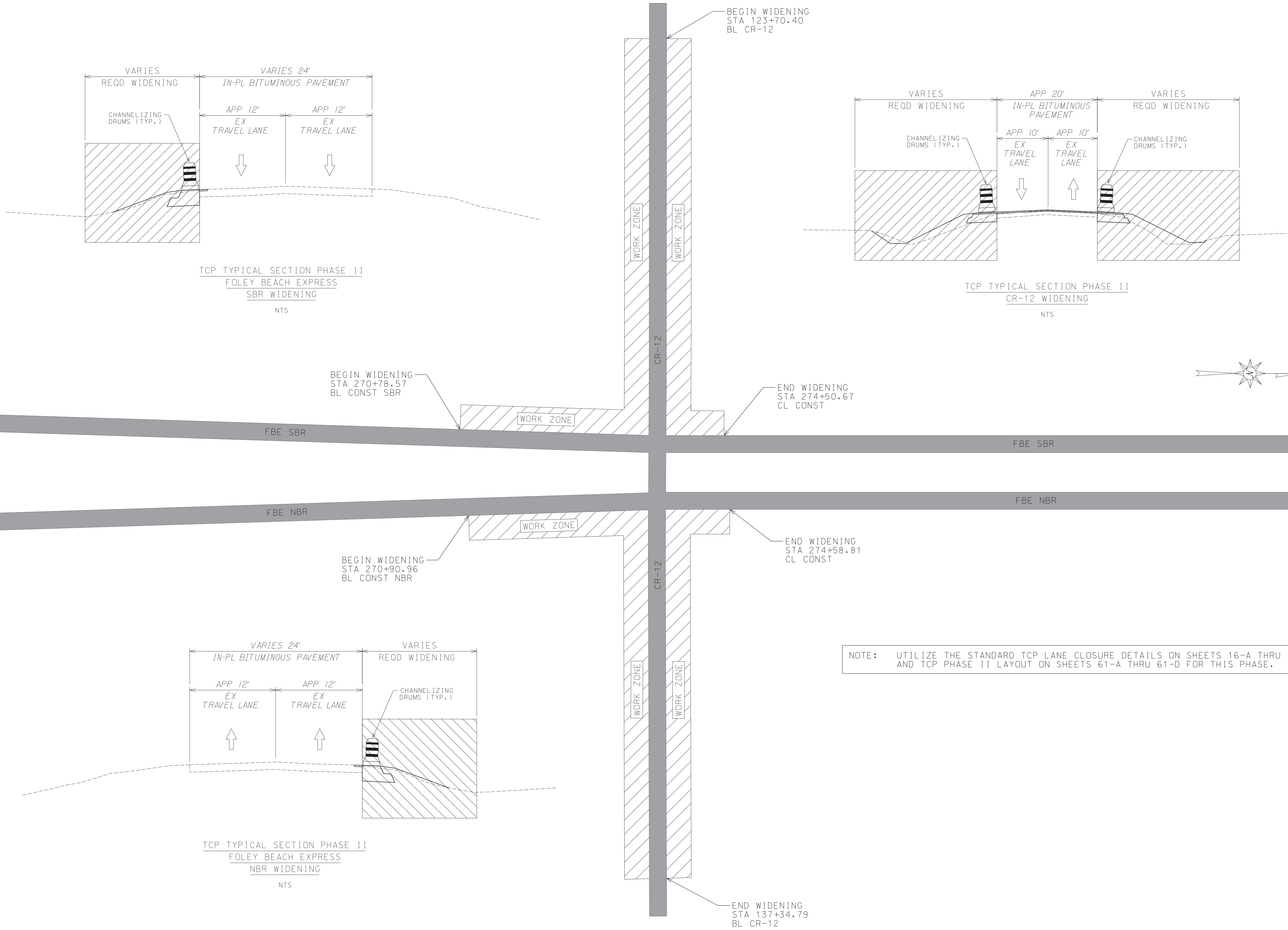
PROJECT NO.: DL 1673-19
DATE: 4/22/2019
ELEVATION:
LOGGED BY: Jason Christian

ELEVATION/ DEPTH	WELL DETAIL	SOIL SYMBOLS, SAMPLERS AND TEST DATA	USCS	Description	NM	DD	STANDARD PENETRATION TEST				
							DEPTH	N	CURVE		
0				8 Inches Organic Topsoil					10	30	50
			FILL	Tan Silty-Clayey Sand, Loose					8		
			SC-SM	Tan Silty-Clayey Sand, Loose					6		
4.5			CL	Tan, Red Silty-Clayey Sand, Firm					7		
			SC	Orange Clayey Sand, Loose					7		
9											
13.5			SM	Orange Silty Sand, Loose					4		
				Ground Water at 16 ft							
18			SM	Pink, Tan Silty Sand, Firm					10		
22.5									18		
27									10		
				Boring Terminated at 30 ft							

This information pertains only to this boring and should not be interpreted as being indicative of the site.

	PROJECT	HSIP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		&	400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12			NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	DESIGNED CHECKED	COUNTY	BALDWIN	DATE	01/31/2020	SHEET NUMBER	60
	SHEET TITLE	TEST BORING RECORDS													DETAILED CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE
												REVIEWED	CDW	PROJCT NUMBER	06/19/002	SERIES NUMBER	1 OF 1	

400-3020-5139

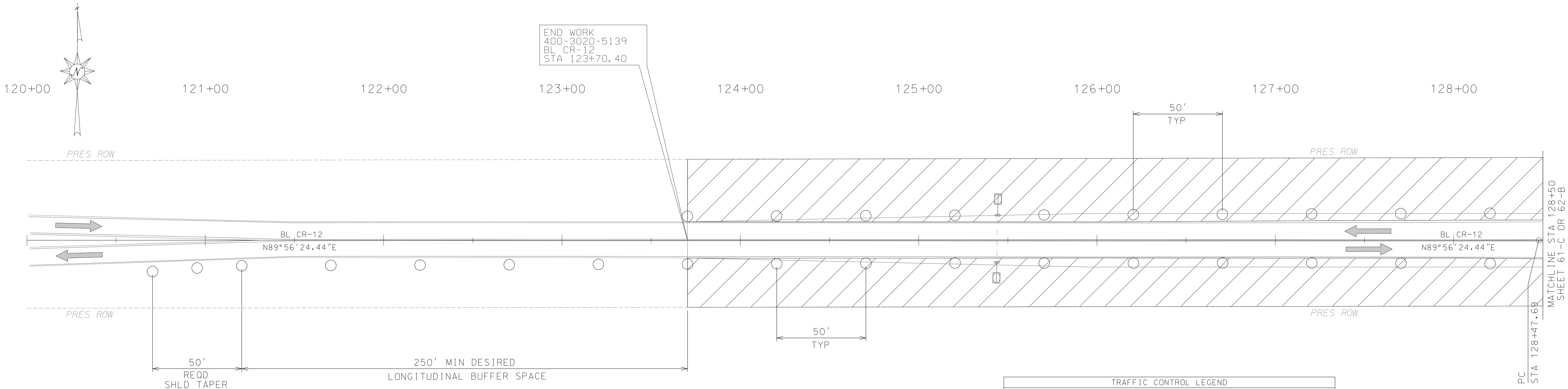


NOTE: UTILIZE THE STANDARD TCP LANE CLOSURE DETAILS ON SHEETS 16-A THRU 16-E AND TCP PHASE II LAYOUT ON SHEETS 61-A THRU 61-D FOR THIS PHASE.



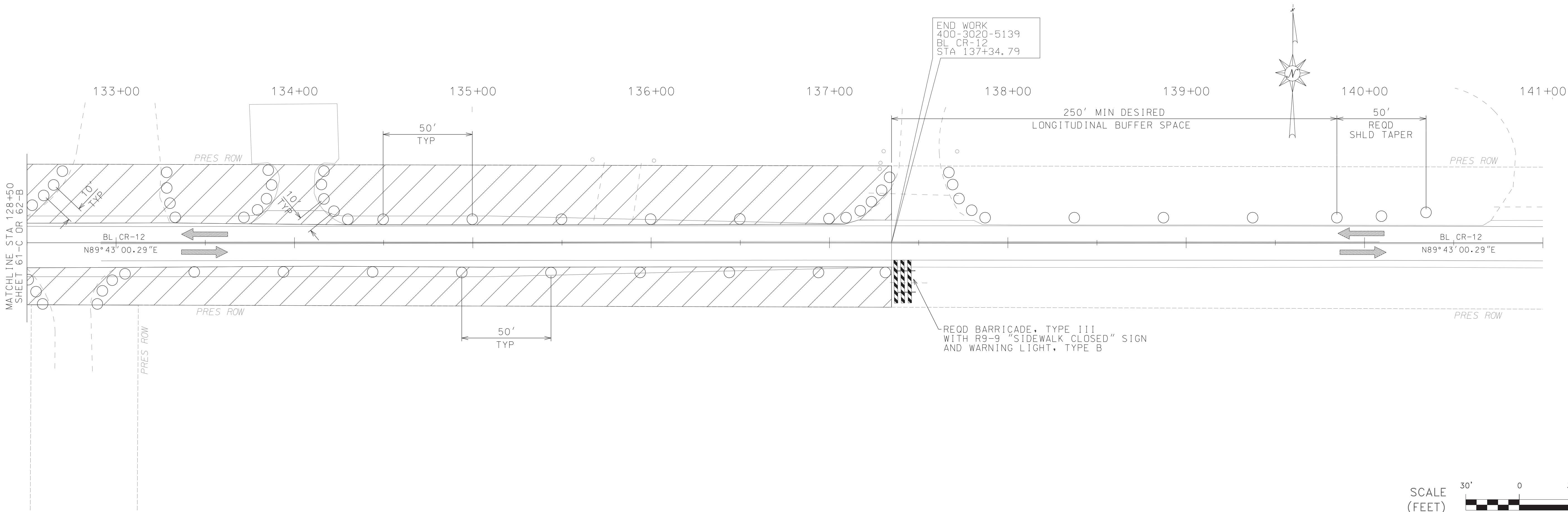
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400-3020-5139



TRAFFIC CONTROL LEGEND

- WORK ZONE
- TRAFFIC FLOW ARROW
- CHANNELIZING DRUM
- BARRICADE, TYPE II OR TYPE III

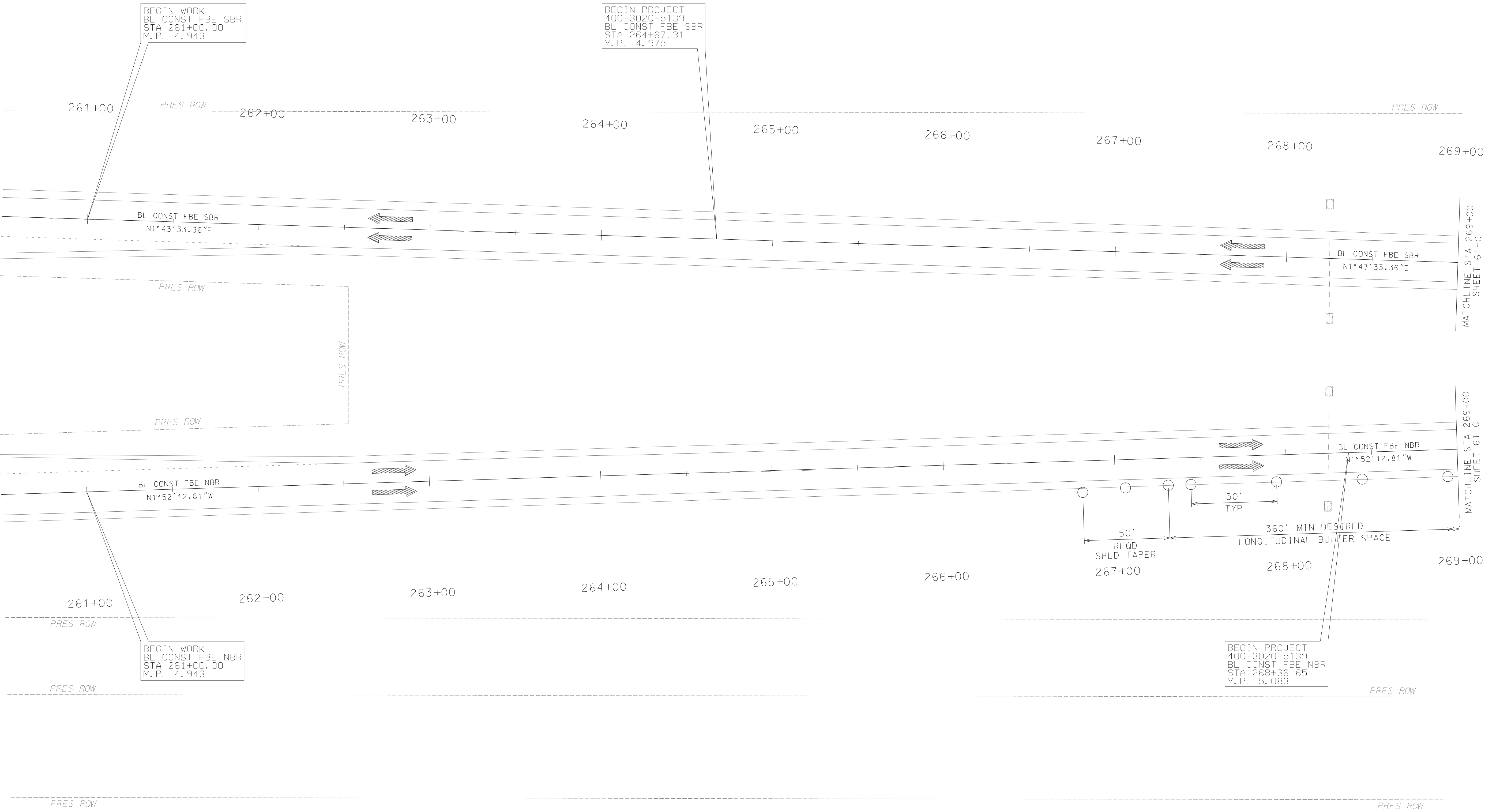


PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	SHEET TITLE TRAFFIC CONTROL PLAN: PHASE II	400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	DESIGNED	CHECKED	DETAILED	CHECKED	CDW	PROJECT NUMBER	ROUTE	FOLEY BEACH EXPRESS	BALDWIN	DATE	01/31/2020	SHEET NUMBER	61-A
								SCALE	1"=30'	SERIES NUMBER	2 OF 5									
								FOLEY BEACH EXPRESS	ROUTE	PROJECT NUMBER	OB.19.002	SCALE	1"=30'	SERIES NUMBER	2 OF 5					
								FOLEY BEACH EXPRESS	ROUTE	PROJECT NUMBER	OB.19.002	SCALE	1"=30'	SERIES NUMBER	2 OF 5					
								FOLEY BEACH EXPRESS	ROUTE	PROJECT NUMBER	OB.19.002	SCALE	1"=30'	SERIES NUMBER	2 OF 5					

400-3020-5139

TRAFFIC CONTROL LEGEND

WORK ZONE

TRAFFIC FLOW ARROW

SHEET NUMBER

61-B

01/31/2020

DATE

1"=30'

SCALE

3 OF 5

SERIES NUMBER

DESIGNED

CHECKED

BALDWIN

COUNTY

FOLEY BEACH EXPRESS

ROUTE

08.19.002

PROJECT NUMBER

REVIEWED

CDW

BY

REVISION OR CHANGE ORDER DESCRIPTION

NO.

DATE

PROJECT

HSP-0219(250)

CONSTRUCT/OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12

400-3020-5139

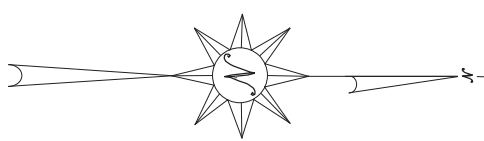
INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12

TRAFFIC CONTROL PLAN: PHASE II

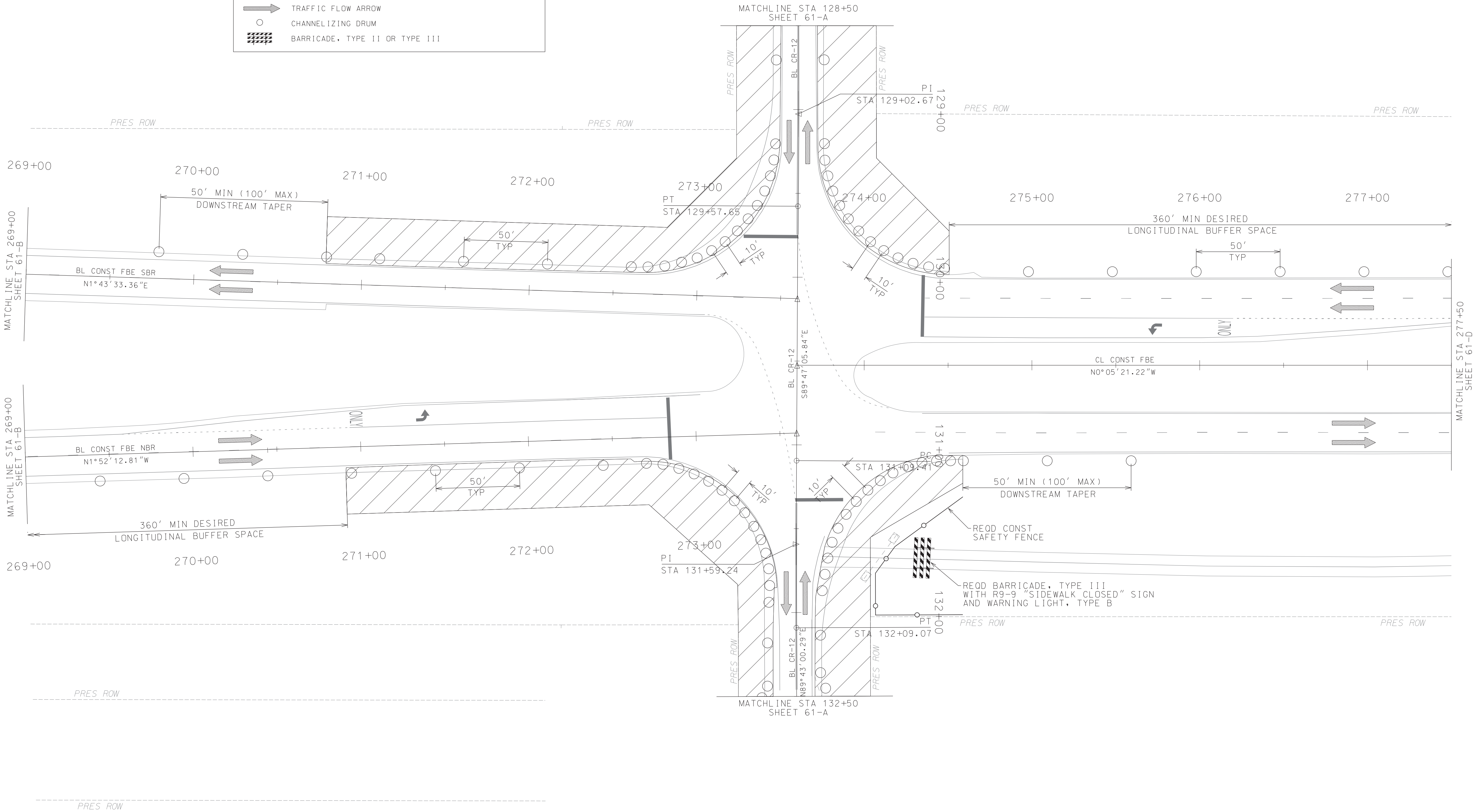
BKI

Chief

Foley

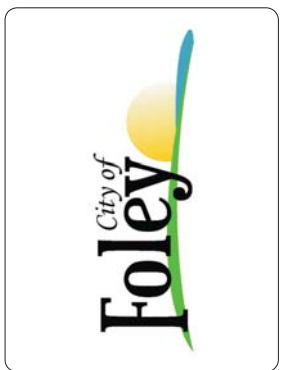


TRAFFIC CONTROL LEGEND	
	WORK ZONE
	TRAFFIC FLOW ARROW
	CHANNELIZING DRUM
	BARRICADE, TYPE II OR TYPE III



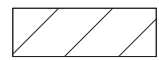



SHEET NUMBER	61-C
DATE	01/31/2020
SCALE	1"=30'
SERIES NUMBER	4 OF 5
COUNTY	BALDWIN
ROUTE	FOLEY BEACH EXPRESS
PROJECT NUMBER	08.19.002
DESIGNED	
CHECKED	
DETAILED	
CDW	
REVIEWED	
BY	

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION



PROJECT	HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12
SHEET TITLE	TRAFFIC CONTROL PLAN: PHASE II





TRAFFIC CONTROL LEGEND	
	WORK ZONE
	TRAFFIC FLOW ARROW
	CHANNELIZING DRUM
	BARRICADE, TYPE II OR TYPE III



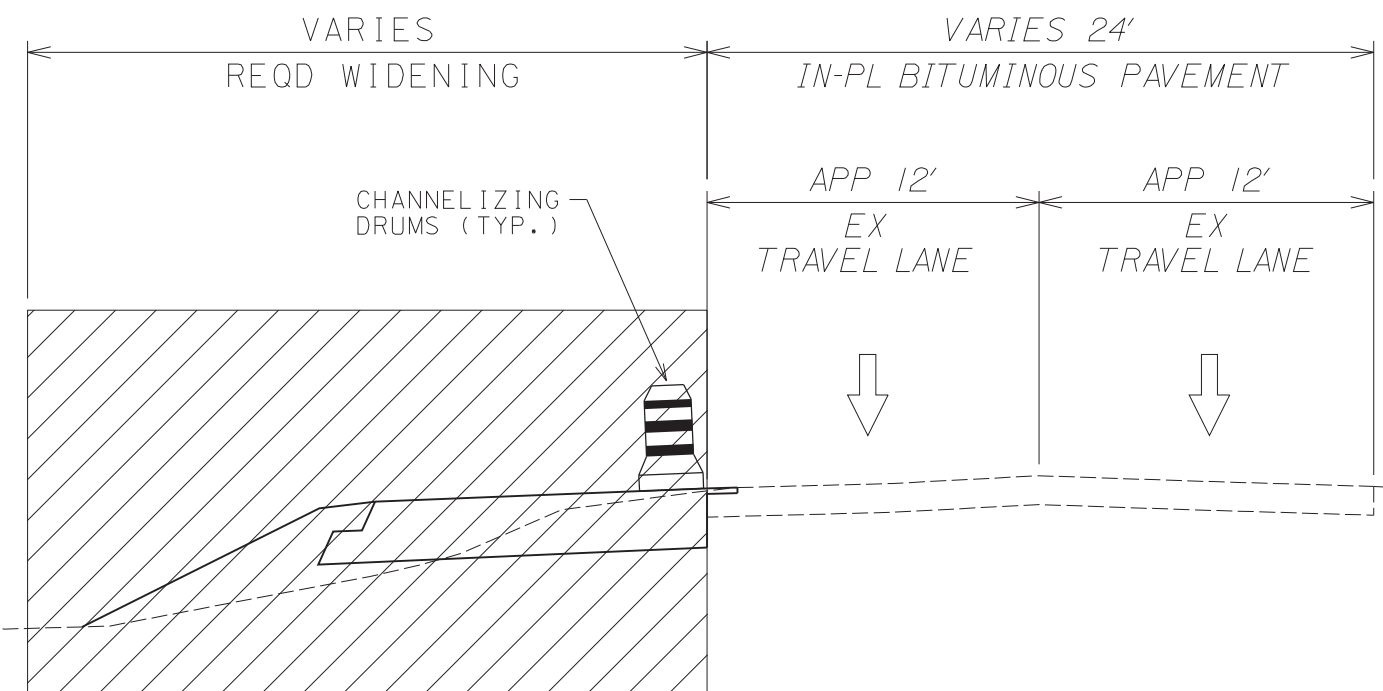
END PROJECT
400-3020-5139
CL CONST FBE
STA 282+49.56
M. P. 5.368

END WORK
CL CONST FBE
STA 285+00.00
M. P. 5.396

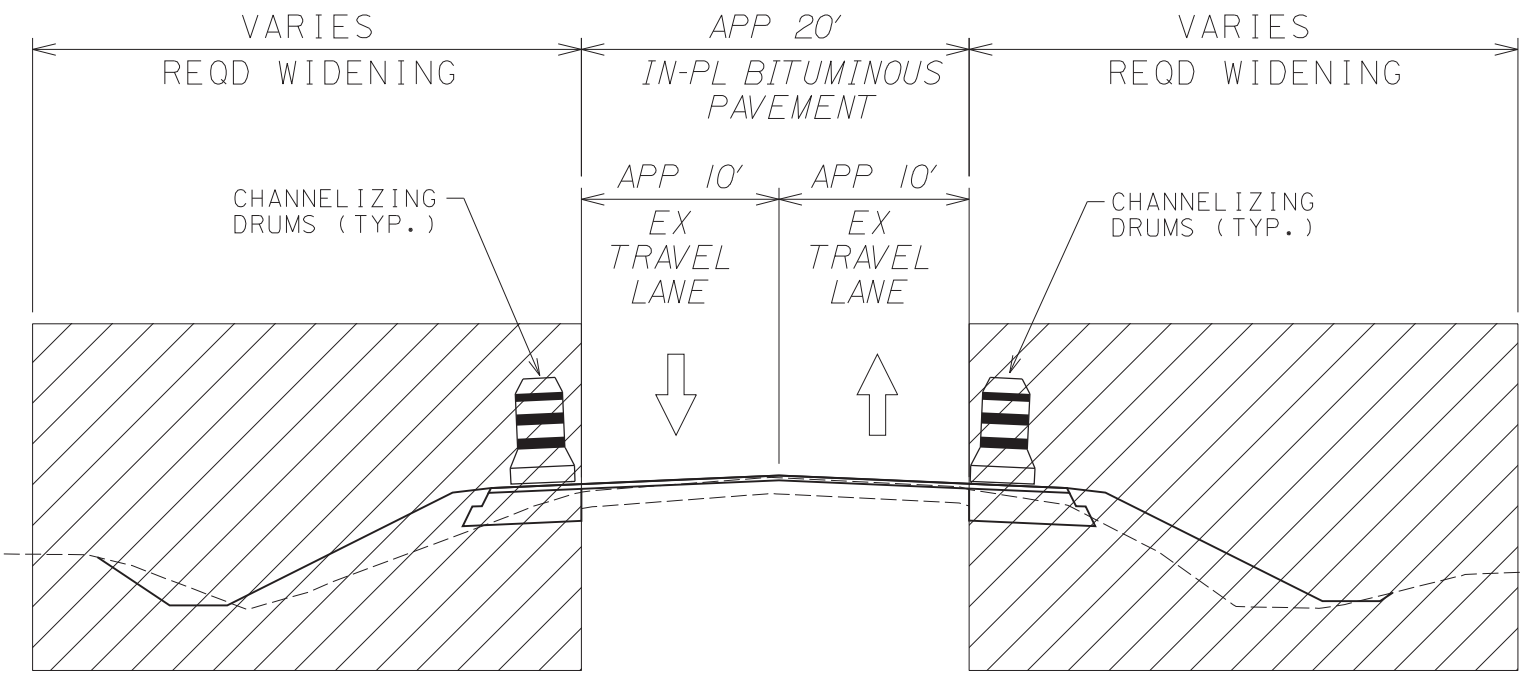


	PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		SHEET TITLE TRAFFIC CONTROL PLAN: PHASE II	
						
DESIGNED		CHECKED	REVIEWED		CDW	BY
DATE		NO.		REVISION OR CHANGE ORDER DESCRIPTION		
COUNTY	ROUTE	PROJECT NUMBER	BALDWIN	FOLEY BEACH EXPRESS	OB 19.002	
DATE	SCALE	SERIES NUMBER	01/31/2020	NTS	5 OF 5	
SHEET NUMBER		61-D				

400-3020-5139
ADDITIVE ALTERNATE NO. 1



TCP TYPICAL SECTION PHASE II
FOLEY BEACH EXPRESS
SBR WIDENING
NTS



TCP TYPICAL SECTION PHASE II
CR-12 WIDENING
NTS

BEGIN WIDENING
STA 264+67.31
BL CONST SBR

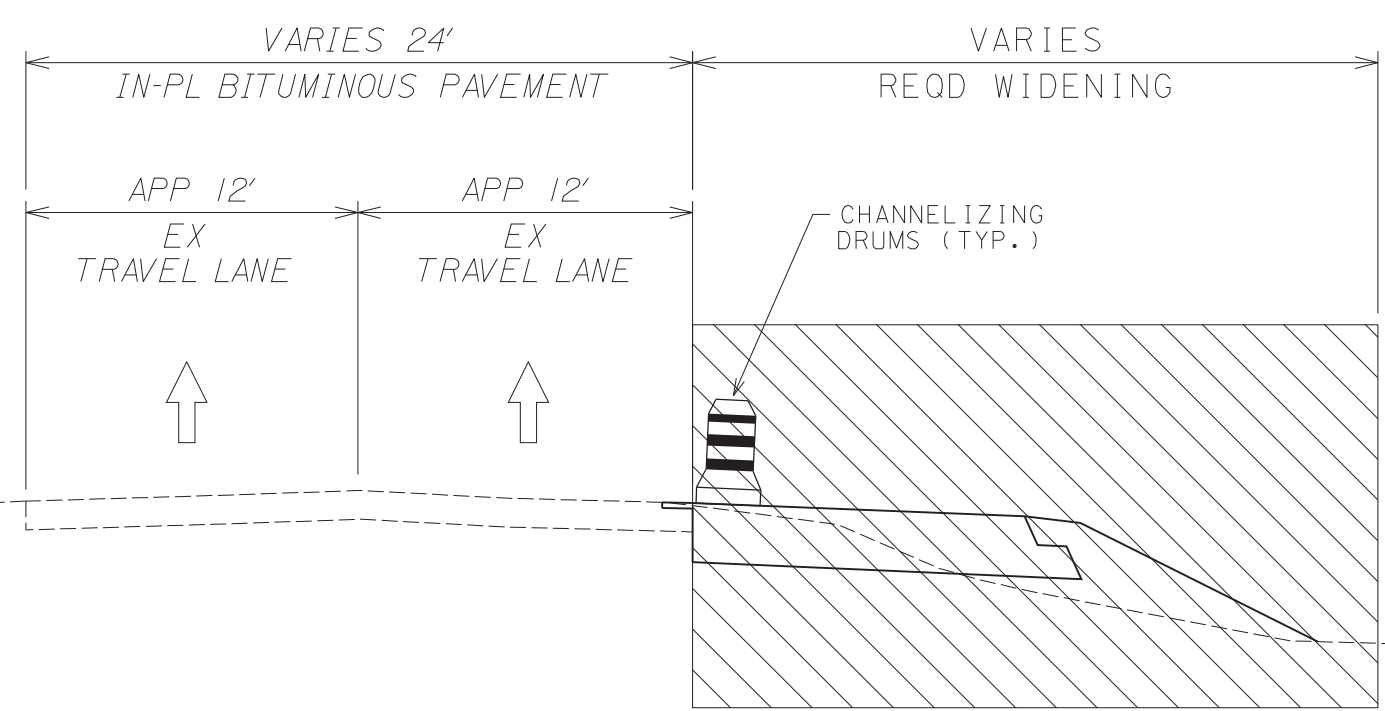
BEGIN WIDENING
STA 123+70.40
BL CR-12

END WIDENING
STA 278+80.70
CL CONST

BEGIN WIDENING
STA 268+36.65
BL CONST NBR

END WIDENING
STA 137+34.79
BL CR-12

END WIDENING
STA 282+49.56
CL CONST



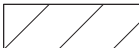



TCP TYPICAL SECTION PHASE II
FOLEY BEACH EXPRESS
NBR WIDENING
NTS

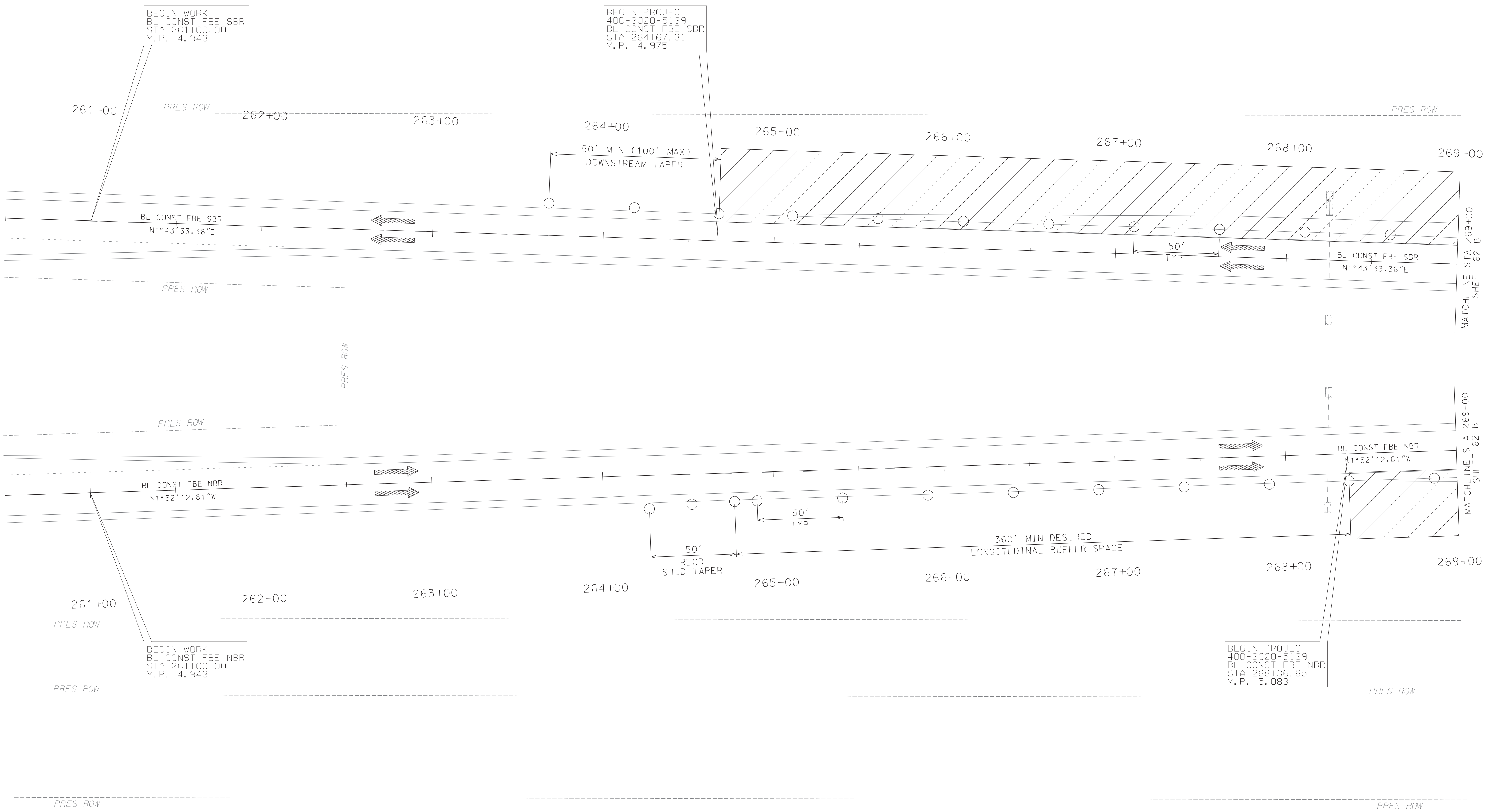
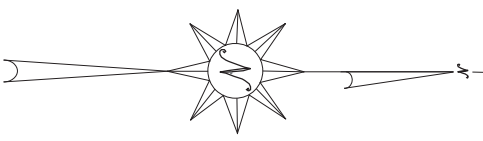
NOTE: UTILIZE THE STANDARD TCP LANE CLOSURE DETAILS ON SHEETS 16-A THRU 16-E AND TCP PHASE II LAYOUT ON SHEETS 61-A, 62-A THRU 62-C FOR THIS PHASE.




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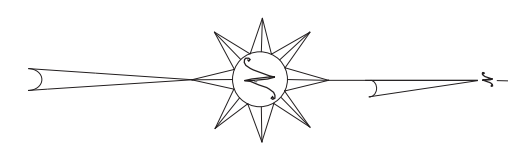
400-3020-5139
ADDITIVE ALTERNATE NO. 1

TRAFFIC CONTROL LEGEND	
	WORK ZONE
	TRAFFIC FLOW ARROW
	CHANNELIZING DRUM
	BARRICADE, TYPE II OR TYPE III

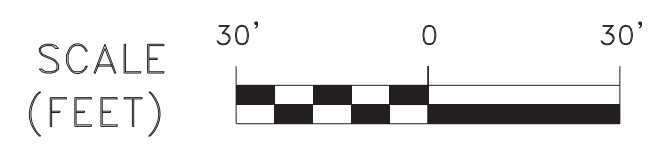
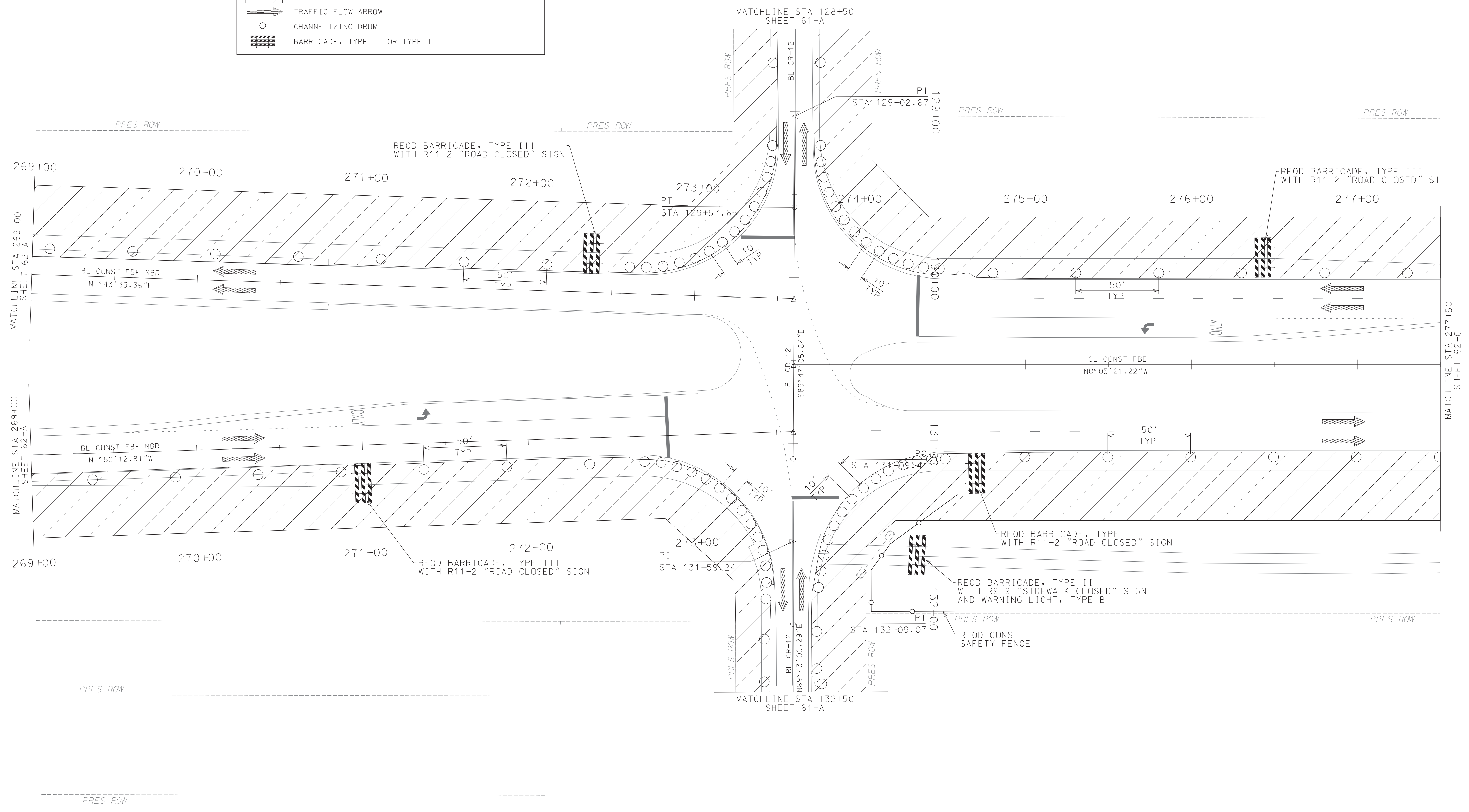


	PROJECT		HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		SHEET TITLE		TRAFFIC CONTROL PLAN: PHASE II		
	DESIGNED		CHECKED		DATE		BY		REVISION OR CHANGE ORDER DESCRIPTION		
	COUNTY		ROUTE		PROJECT NUMBER		CDW		FOLEY BEACH EXPRESS		
	DATE		SCALE		SERIES NUMBER		2 OF 4		01/31/2020		
SHEET NUMBER		62-A		1"=30'		08.19.002		PROJECT NUMBER		2 OF 4	

400-3020-5139
ADDITIVE ALTERNATE NO. 1



TRAFFIC CONTROL LEGEND	
	WORK ZONE
	TRAFFIC FLOW ARROW
	CHANNELIZING DRUM
	BARRICADE, TYPE II OR TYPE III



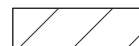



	PROJECT	HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12				400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12				TRAFFIC CONTROL PLAN: PHASE II			
	SHEET TITLE												
	DESIGNED	CHECKED	DATE	BALDWIN	COUNTY	ROUTE	PROJECT NUMBER	REVIEWED	CDW	BY	NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION
	01/31/2020	08/19/002	1"-30"	3 OF 4	FOLEY BEACH EXPRESS	08	19	002	CDW				

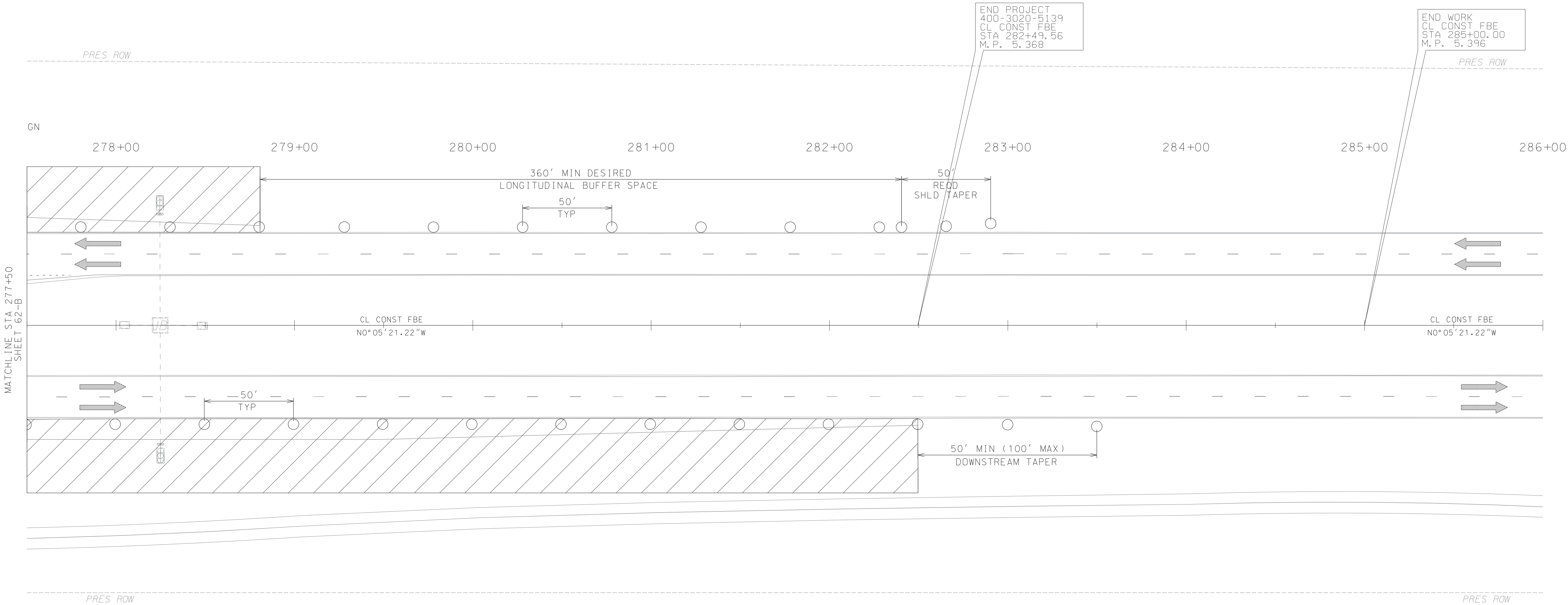
Chief
Foley




SHEET NUMBER

62-B

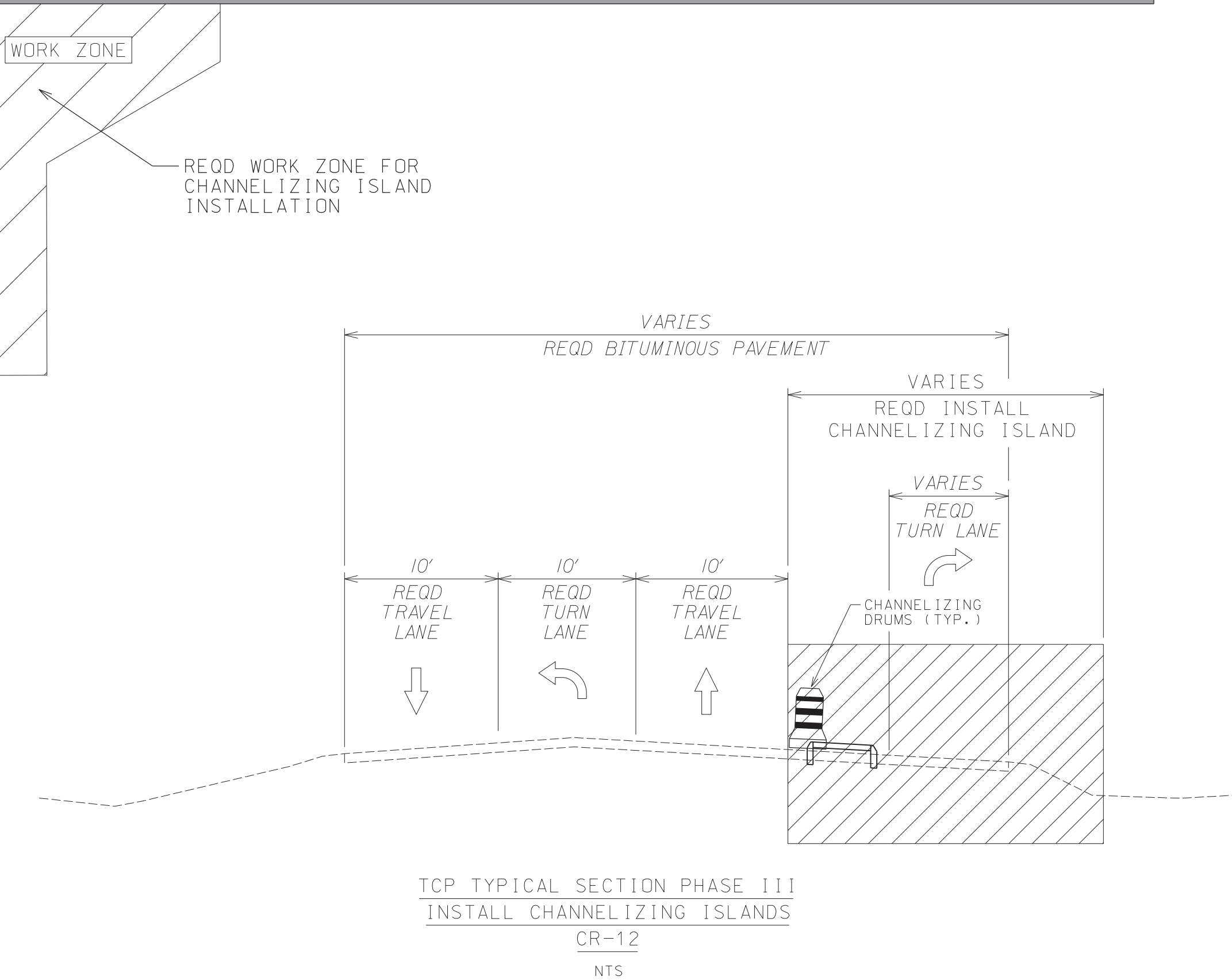
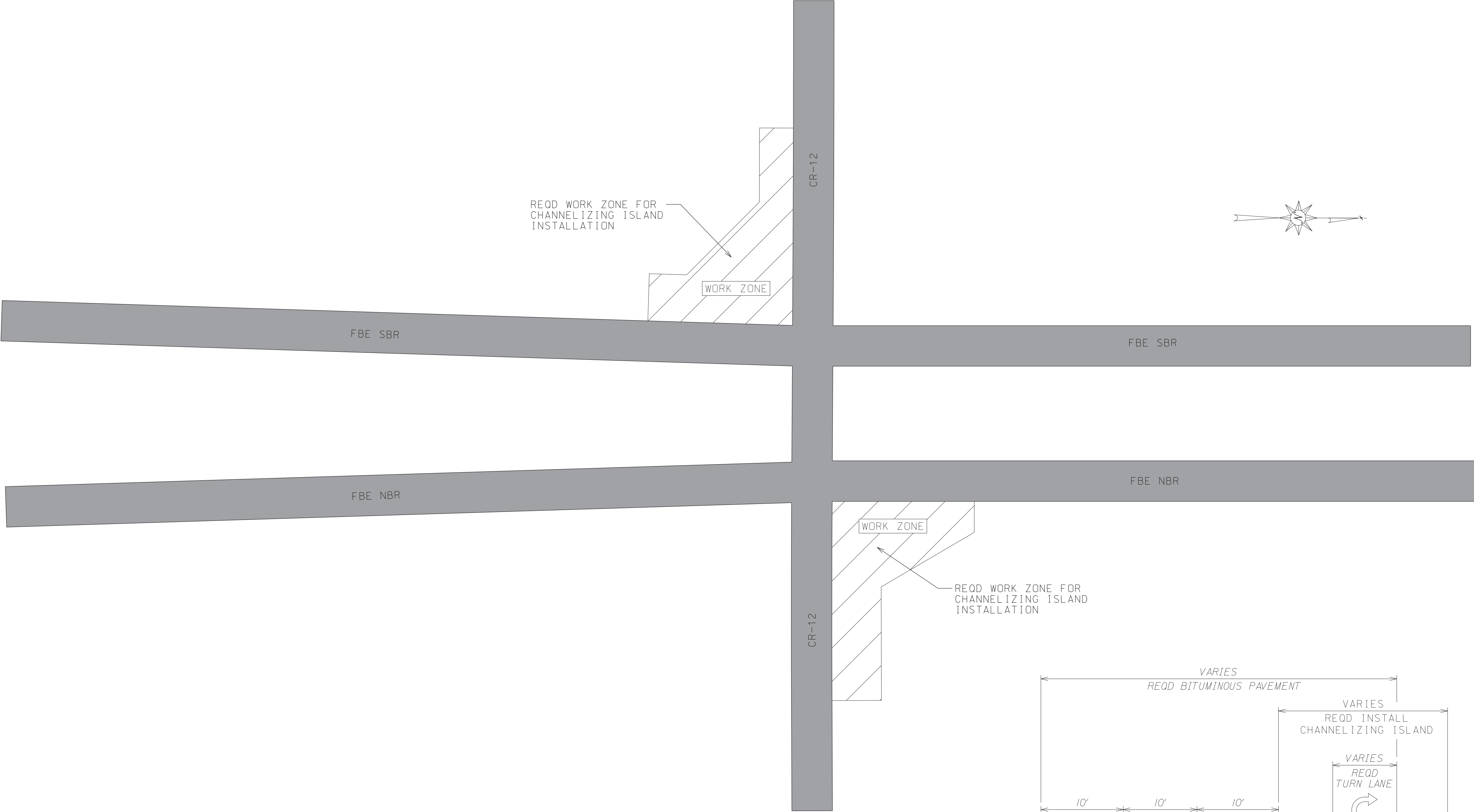
400-3020-5139
ADDITIVE ALTERNATE NO. 1

TRAFFIC CONTROL LEGEND	
	WORK ZONE
	TRAFFIC FLOW ARROW
	CHANNELIZING DRUM
	BARRICADE, TYPE II OR TYPE III




	PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		400-3020-5139 INTERSECTIONS ON FOLEY BEACH EXPRESS AT CR-12		SHEET TITLE	
	TRAFFIC CONTROL PLAN: PHASE II					
						
DESIGNED		CHECKED	DATE	BY		
DETAILED		CHECKED	DATE	BY		
COUNTY	ROUTE	PROJECT NUMBER	REVISION OR CHANGE ORDER DESCRIPTION			
BALDWIN	FOLEY BEACH EXPRESS	08.19.002	CDW			
DATE	SCALE	SERIES NUMBER	62-C			
01/31/2020	NTS	4 OF 4				

400-3020-5139




NOTE: UTILIZE THE STANDARD TCP LANE CLOSURE DETAILS ON SHEETS 16-A THRU 16-E AND TCP PHASE III LAYOUT ON SHEET 63-A FOR THIS PHASE.



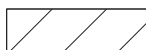



PROJECT
HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

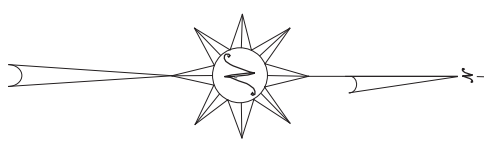
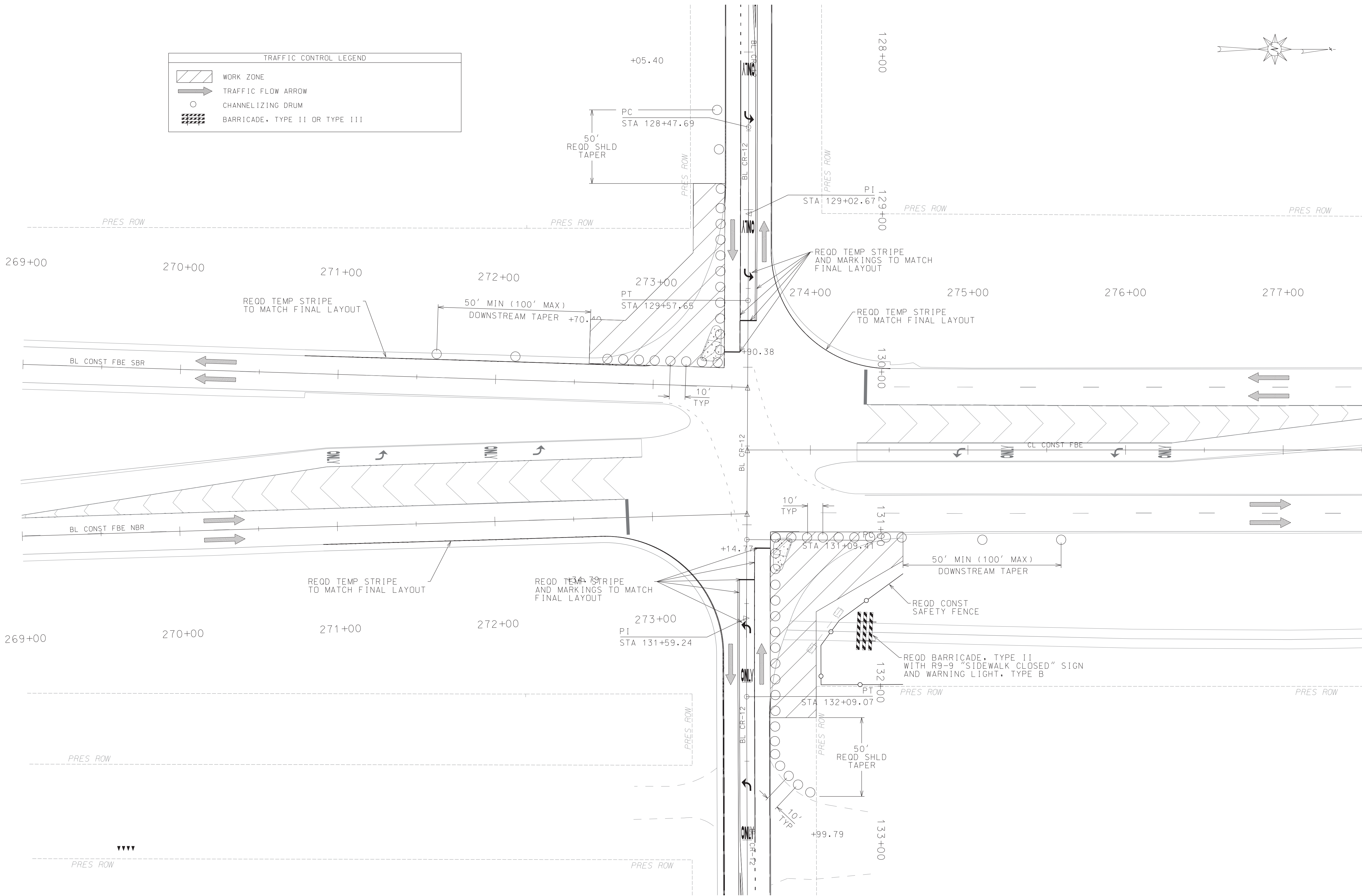
400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12


TRAFFIC CONTROL PLAN: PHASE II



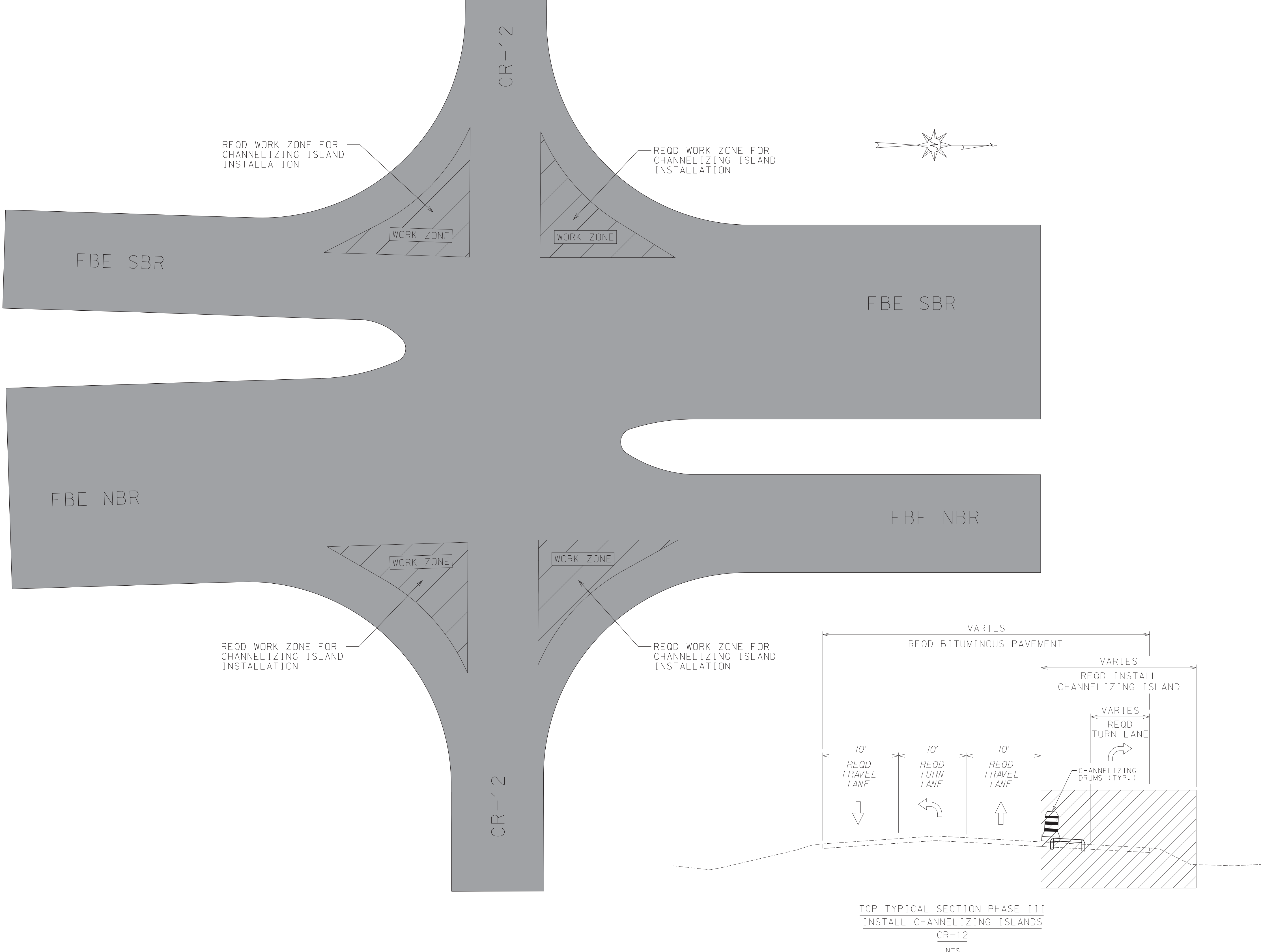
DESIGNED	CHECKED	COUNTY	BALDWIN	DATE	01/31/2020	SHEET NUMBER	63
DETAILED	CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE	NTS		
REVIEWED	CDW	PROJECT NUMBER	08.19.002	SERIES NUMBER	1 OF 2		
NO.			DATE			REVISION OR CHANGE ORDER DESCRIPTION	
						BY	

TRAFFIC CONTROL LEGEND	
	WORK ZONE
	TRAFFIC FLOW ARROW
	CHANNELIZING DRUM
	BARRICADE, TYPE II OR TYPE III



	PROJECT		HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		SHEET TITLE		TRAFFIC CONTROL PLAN: PHASE III		
	DESIGNED		CHECKED		DATE		NO.		REVISION OR CHANGE ORDER DESCRIPTION		
	COUNTY		ROUTE		PROJECT NUMBER		CDW		BY		
	BALDWIN		FOLEY BEACH EXPRESS		08.19.02		2 OF 2				
SHEET NUMBER		DATE		SCALE		SERIES NUMBER		63-A			
01/31/2020		1"=30'		2 OF 2							





400-3020-5139
ADDITIVE ALTERNATE NO. 1

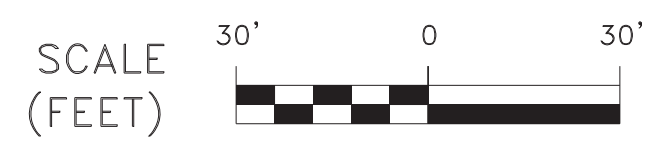
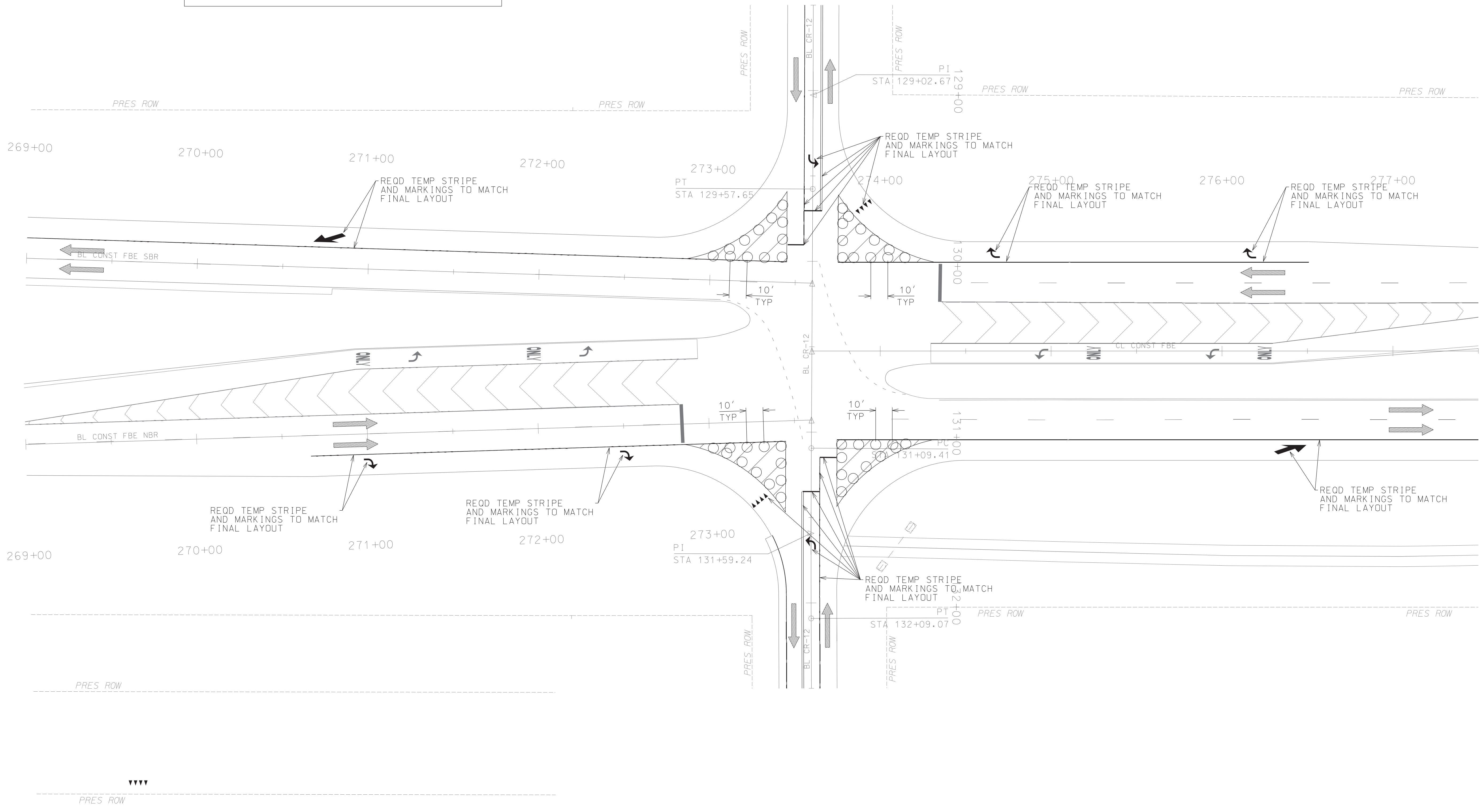
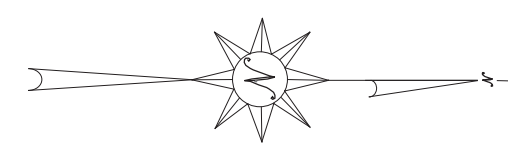


NOTE: UTILIZE THE STANDARD TCP LANE CLOSURE DETAILS ON SHEETS 16-A THRU 16-E AND TCP PHASE III LAYOUT ON SHEET 64-A FOR THIS PHASE.

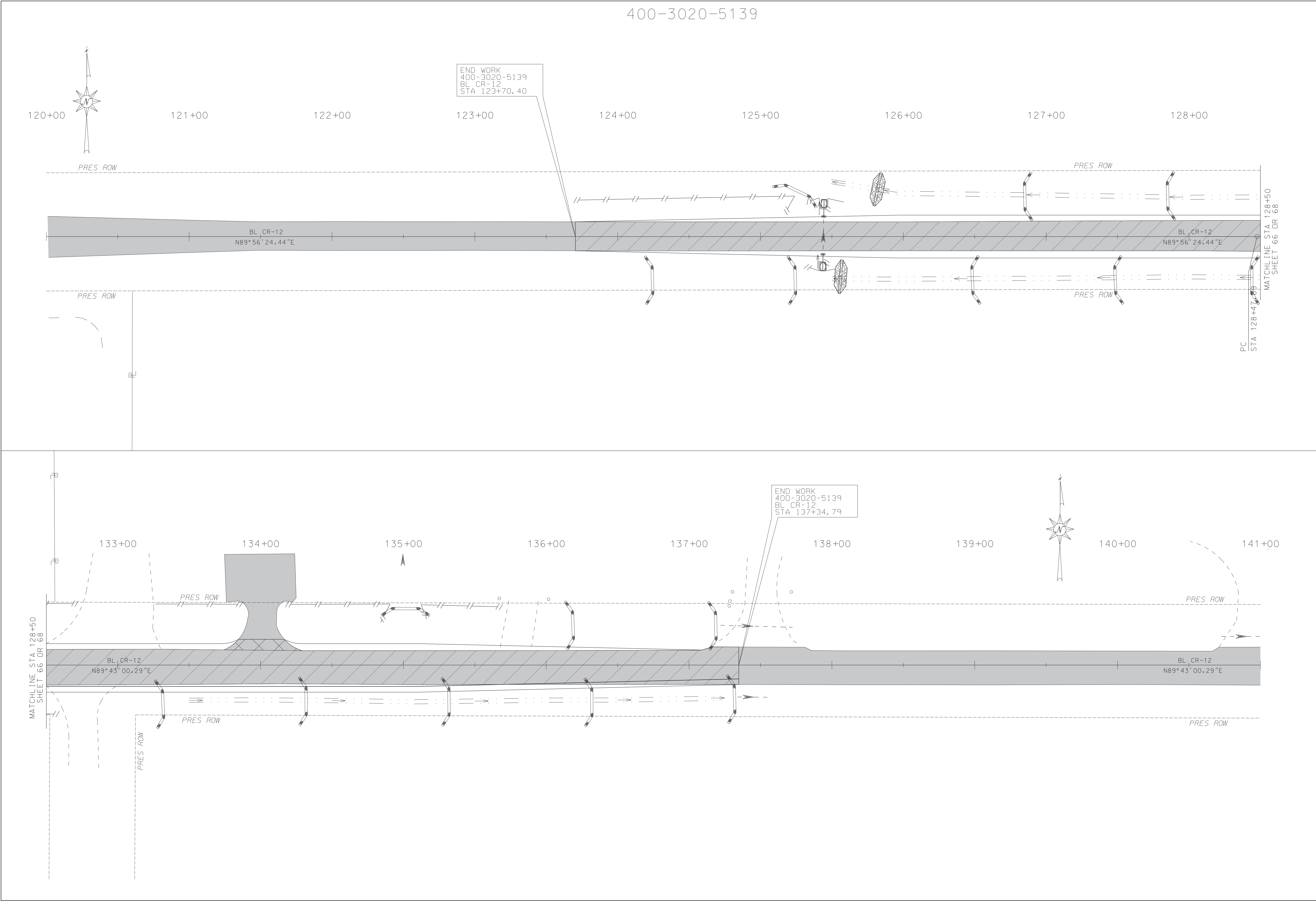
[illegible]


400-3020-5139
ADDITIVE ALTERNATE NO. 1

TRAFFIC CONTROL LEGEND	
	WORK ZONE
	TRAFFIC FLOW ARROW
	CHANNELIZING DRUM
	BARRICADE, TYPE II OR TYPE III




PROJECT	HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	PROJECT NUMBER	DATE	SCALE	SERIES NUMBER	SHEET TITLE	TRAFFIC CONTROL PLAN: PHASE III	BKI	PROJECT NUMBER	CDW	REVIEWED	DESIGNED	COUNTY	BALDWIN	FOLEY BEACH EXPRESS	ROUTE	FOLEY BEACH EXPRESS	DATE	01/31/2020	SHEET NUMBER	64-A





PROJECT
HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

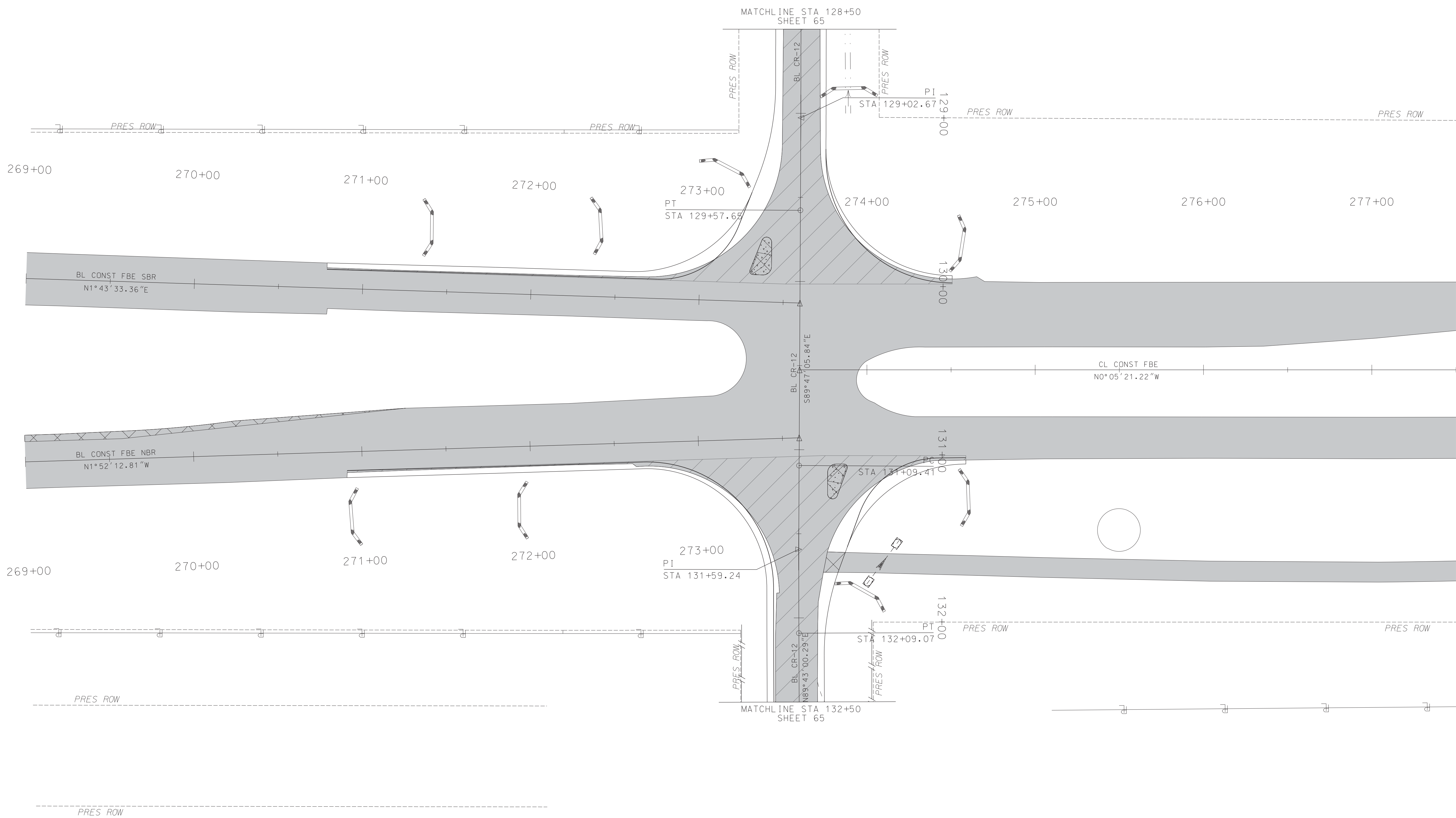
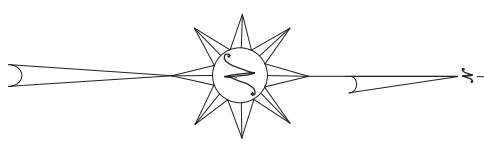



400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

SHEET
TITLE
EROSION CONTROL PLAN SHEET

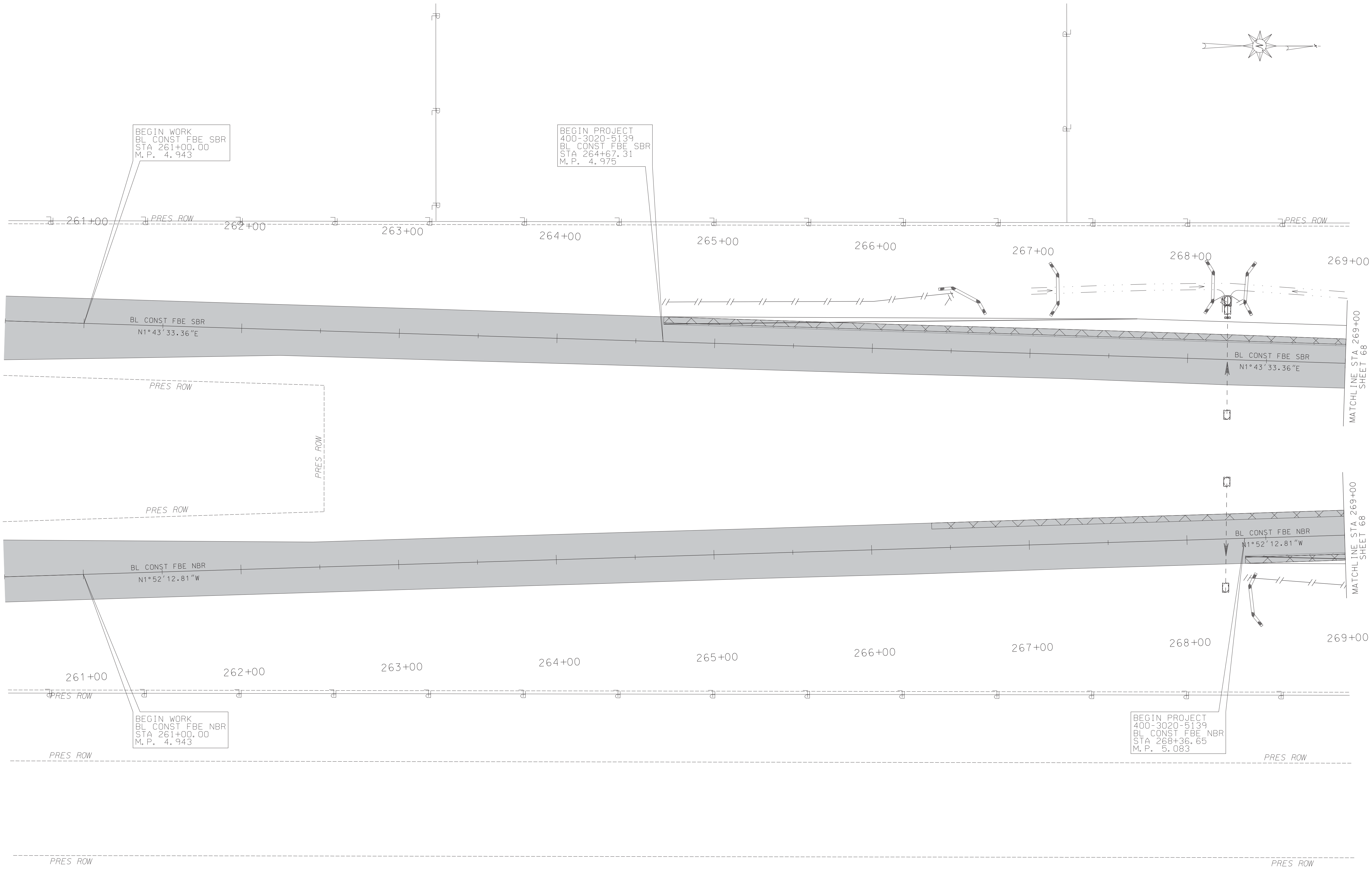
NO. DATE REVISION OR CHANGE ORDER DESCRIPTION BY

DESIGNED	CHECKED	COUNTY	BALDWIN	DATE	01/31/2020	SHEET NUMBER	65
DETAILED	CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE	1"=30'	SERIES NUMBER	1 OF 2
REVIEWED	CDW	PROJECT NUMBER	08.19.002				





	PROJECT		HSP-0219(250)		400-3020-5139		SHEET NUMBER		66		
	CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12				DATE		01/31/2020		
SHEET TITLE		EROSION CONTROL PLAN SHEET		COUNTY		BALDWIN		SCALE		1"=30'	
				ROUTE		FOLEY BEACH EXPRESS		PROJECT NUMBER		08.19.002	
				NO.		DATE		REVISION OR CHANGE ORDER DESCRIPTION		BY	
				DESIGNED		CHECKED		REVIEWED		CDW	
				DETAILED		CHECKED		SERIES NUMBER		2 OF 2	

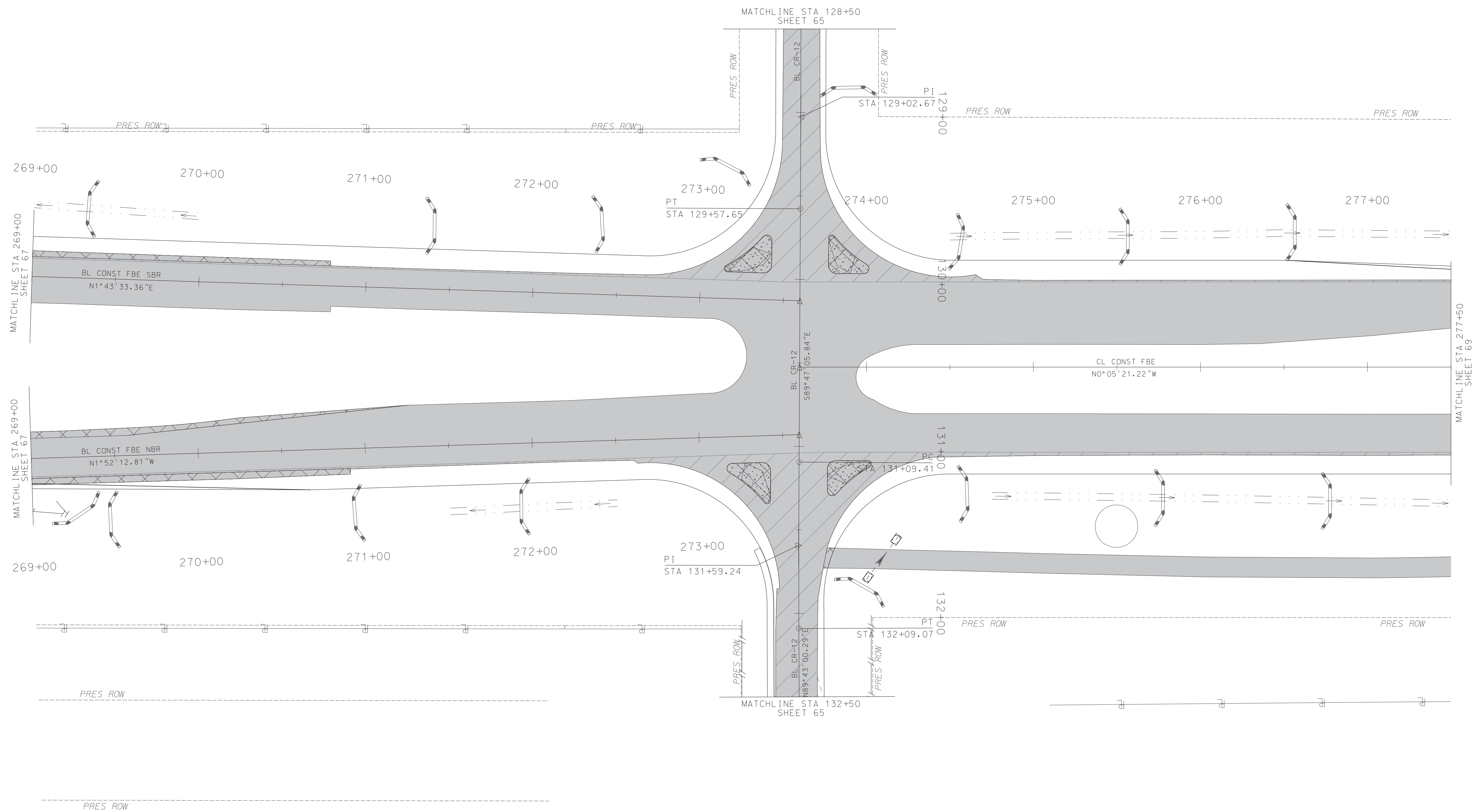
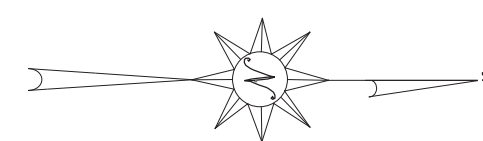
400-3020-5139
ADDITIVE ALTERNATE NO. 1




PROJECT	HSP-0219(250)	CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	PROJECT NUMBER	08.19.002	SCALE	1"=30'	DATE	01/31/2020	SHEET NUMBER	67
400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12										
EROSION CONTROL PLAN SHEET										
NO. DATE REVISION OR CHANGE ORDER DESCRIPTION BY										
DESIGNED CHECKED DETAILED CHECKED REVIEWED CDW										
COUNTY BALDWIN ROUTE FOLEY BEACH EXPRESS PROJECT NUMBER 1 OF 3										

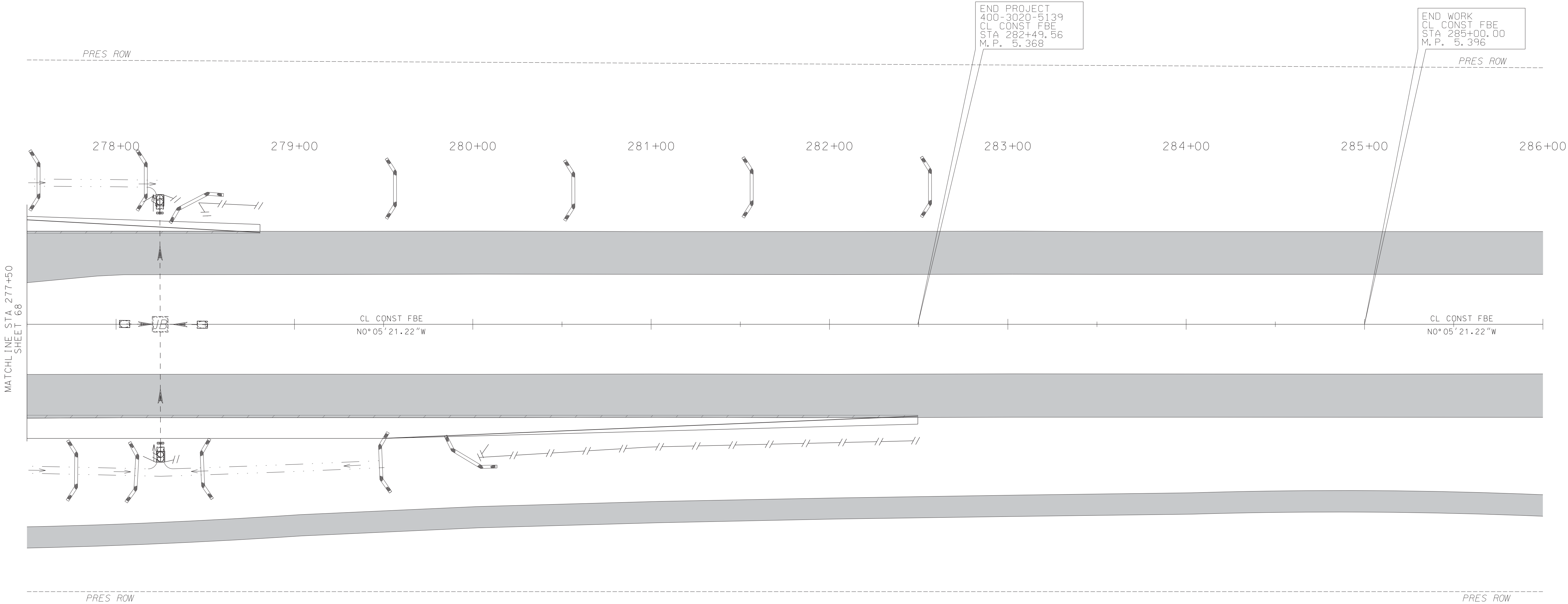



400-3020-5139
ADDITIVE ALTERNATE NO. 1




	PROJECT		HSP-0219(250)		400-3020-5139		SHEET NUMBER		68		
	CONSTRUCT OFFSET LEFT		TURN LANES ON FOLEY BEACH		EXPRESS AT CR-12		DATE		01/31/2020		
	CONSTRUCT OFFSET LEFT		TURN LANES ON FOLEY BEACH		EXPRESS AT CR-12		SCALE		1"=30'		
	CONSTRUCT OFFSET LEFT		TURN LANES ON FOLEY BEACH		EXPRESS AT CR-12		SERIES NUMBER		2 OF 3		
SHEET TITLE		EROSION CONTROL PLAN SHEET		NO.		DATE		REVISION OR CHANGE ORDER DESCRIPTION		BY	
DESIGNED		CHECKED		COUNTY		BALDWIN		FOLEY BEACH EXPRESS		PROJECT NUMBER	
DETAILED		CHECKED		ROUTE		FOLEY BEACH EXPRESS		CDW		OB 19.002	
REVIEWED		CDW		PROJECT NUMBER		OB 19.002		SERIES NUMBER		2 OF 3	

400-3020-5139
ADDITIVE ALTERNATE NO. 1



	PROJECT		HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		SHEET TITLE		EROSION CONTROL PLAN SHEET		
	PROJECT		400-3020-5139 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		SHEET NUMBER		69		
	DATE		01/31/2020		SCALE		1"=30'		
DESIGNED		CHECKED		BALDWIN		DATE		01/31/2020	
REVISION OR CHANGE ORDER DESCRIPTION		BY		FOLEY BEACH EXPRESS		SCALE		1"=30'	
NO.		DATE		PROJECT NUMBER		SERIES NUMBER		3 OF 3	

CROSS DRAINS (OPEN SYSTEM)												
INDEX NO. TO INDEX NO.	ROADWAY	STA	SKEW	SIZE AND TYPE	DRAINAGE AREA (ACRES)	Q 50 (CFS)	Q 200 (CFS)	HW 50 (FT)	HW 200 (FT)	V 50 (FT/SEC)	OVERTOPPING FLOOD (YEAR)	COMMENTS
6-7	BL CR-12	125+44	0°	18" (CLASS 3 RC) (EXTENSION)	-	-	-	-	-	-	-	RETAIN AND EXTEND IN-PLACE PIPE
8-9	BL CR-12	125+44	0°	18" (CLASS 3 RC) (EXTENSION)	-	-	-	-	-	-	-	RETAIN AND EXTEND IN-PLACE PIPE




PROJECT
HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

&
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

HYDRAULIC DATA SHEET



DESIGNED
CHECKED
DETAILED
CHECKED
REVIEWED
CDW

NO.
DATE
REVISION OR CHANGE ORDER DESCRIPTION
BY

COUNTY
BALDWIN
ROUTE
FOLEY BEACH
EXPRESS
PROJECT
NUMBER
OB 19.002


DATE
01/31/2020
SCALE
NTS
SERIES
NUMBER
1 OF 1

SHEET
NUMBER
70


400-3020-5139
ADDITIVE ALTERNATE NO. 1

CROSS DRAINS (OPEN SYSTEM)												
INDEX NO. TO INDEX NO.	ROADWAY	STA	SKEW	SIZE AND TYPE	DRAINAGE AREA (ACRES)	Q 50 (CFS)	Q 200 (CFS)	HW 50 (FT)	HW 200 (FT)	V 50 (FT/SEC)	OVERTOPPING FLOOD (YEAR)	COMMENTS
6-7	BL CR-12	125+44	0°	18" (CLASS 3 RC) (EXTENSION)	-	-	-	-	-	-	-	RETAIN AND EXTEND IN-PLACE PIPE
8-9	BL CR-12	125+44	0°	18" (CLASS 3 RC) (EXTENSION)	-	-	-	-	-	-	-	RETAIN AND EXTEND IN-PLACE PIPE
10-11	BL CONST SBR	268+25	0°	29"S X 18"R (CLASS 3 RC) (EXTENSION)	-	-	-	-	-	-	-	RETAIN AND EXTEND IN-PLACE PIPE

STORM SEWER (CLOSED SYSTEM)				
INDEX NO. TO INDEX NO.	DRAINAGE STRUCTURE SIZE AND TYPE	UPPER INVERT ELEVATION (FT)	WORKING POINT ELEVATION (FT)	COMMENTS
12-13	29"S X 18"R (CLASS 3 RC)	52.14	-	
14-15	29"S X 18"R (CLASS 3 RC)	51.93	-	



PROJECT
HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12



400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

SHEET
TITLE

HYDRAULIC DATA SHEET

DESIGNED

CHECKED

DETAILED

CHECKED

REVIEWED

CDW

COUNTY

ROUTE

PROJECT
NUMBER

BALDWIN

FOLEY BEACH
EXPRESS

OB 19.002

DATE

01/31/2020

SCALE

NTS

SERIES
NUMBER

1 OF 1

NO.

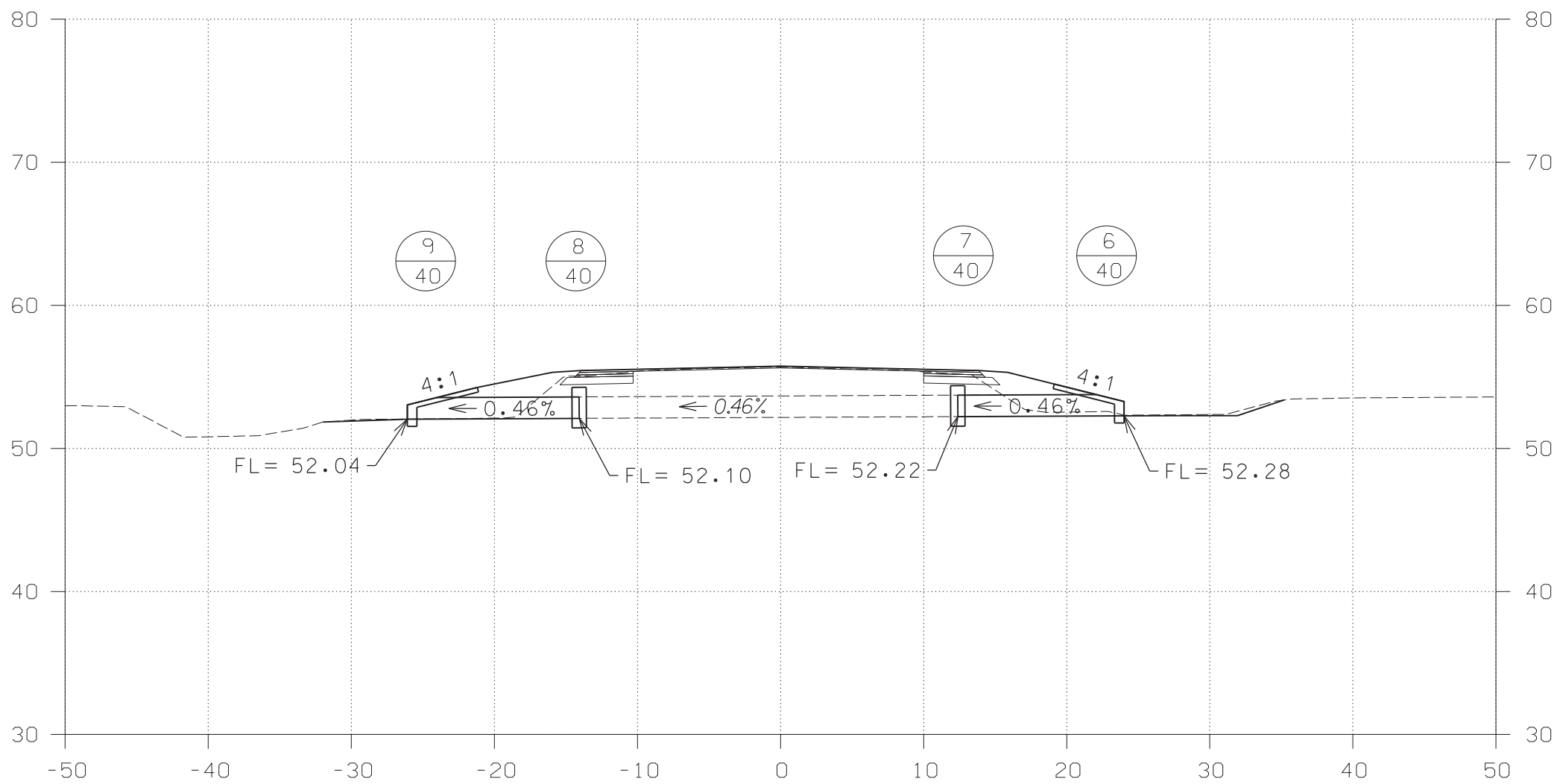
DATE

REVISION OR CHANGE ORDER DESCRIPTION

BY

SHEET
NUMBER


71



STA 125+44.03

IN-PL: STA 125+44.03, NO SKEW, 18" RCP (RETAIN)


- 1 EA - 18" ROADWAY PIPE END TREATMENT, CLASS 1, 4:1 SLOPE
- 12 LIN FT - 18" ROADWAY PIPE (CLASS 3 RC) (EXTENSION)
- 1 EA - CONCRETE COLLAR
- 1 EA - CONCRETE COLLAR
- 12 LIN FT - 18" ROADWAY PIPE (CLASS 3 RC) (EXTENSION)
- 1 EA - 18" ROADWAY PIPE END TREATMENT, CLASS 1, 4:1 SLOPE



PROJECT
HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

SHEET
TITLE



DRAINAGE SECTIONS

NO.

DATE

REVISION OR CHANGE ORDER DESCRIPTION

BY

DESIGNED

CHECKED

DETAILED

CHECKED

REVIEWED

CDW

COUNTY

BALDWIN

ROUTE

FOLEY BEACH EXPRESS

PROJECT NUMBER

08.19.002

DATE

01/31/2020

SCALE

1"=10'

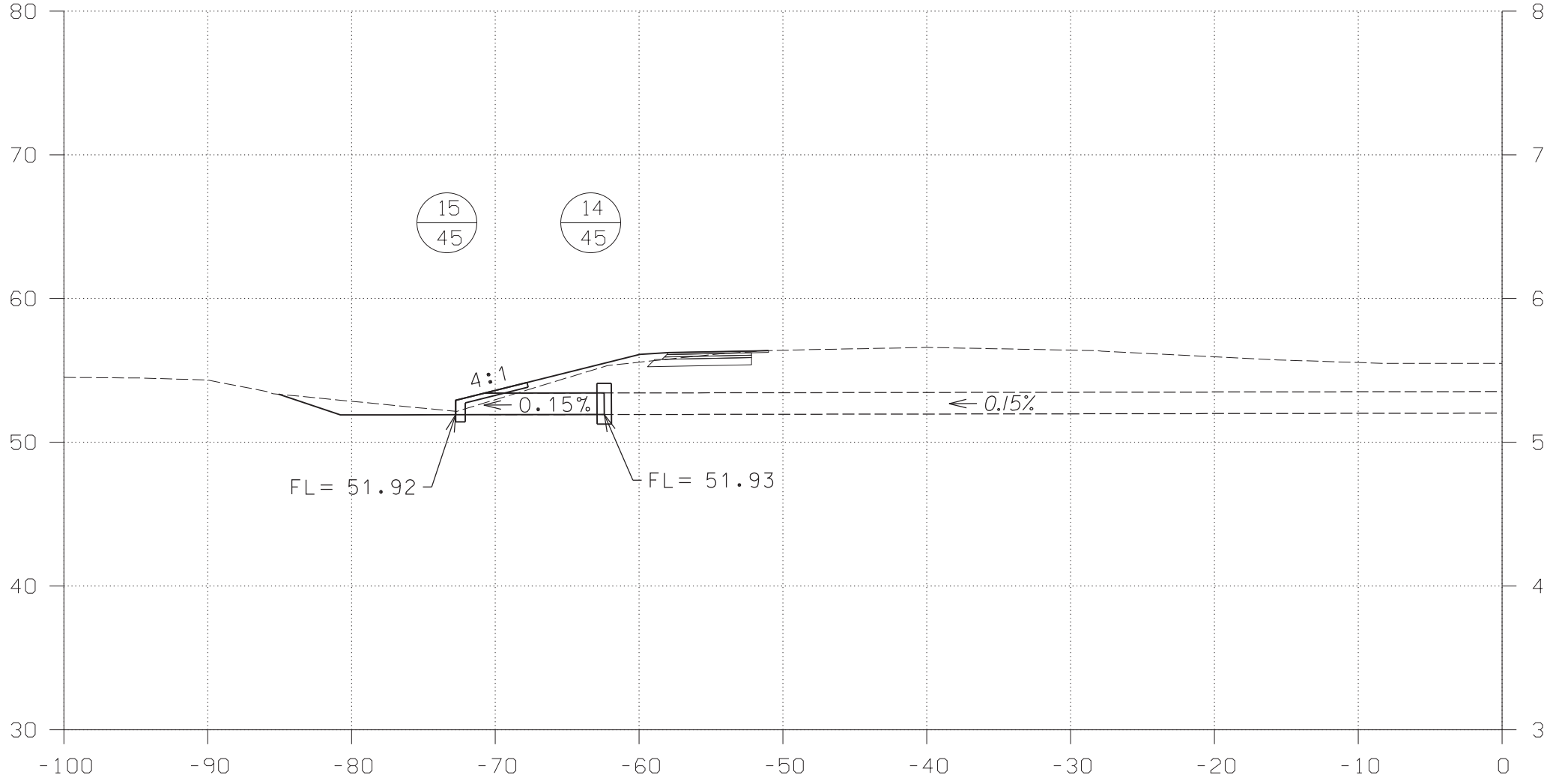
SERIES NUMBER

1 OF 1

SHEET NUMBER

72

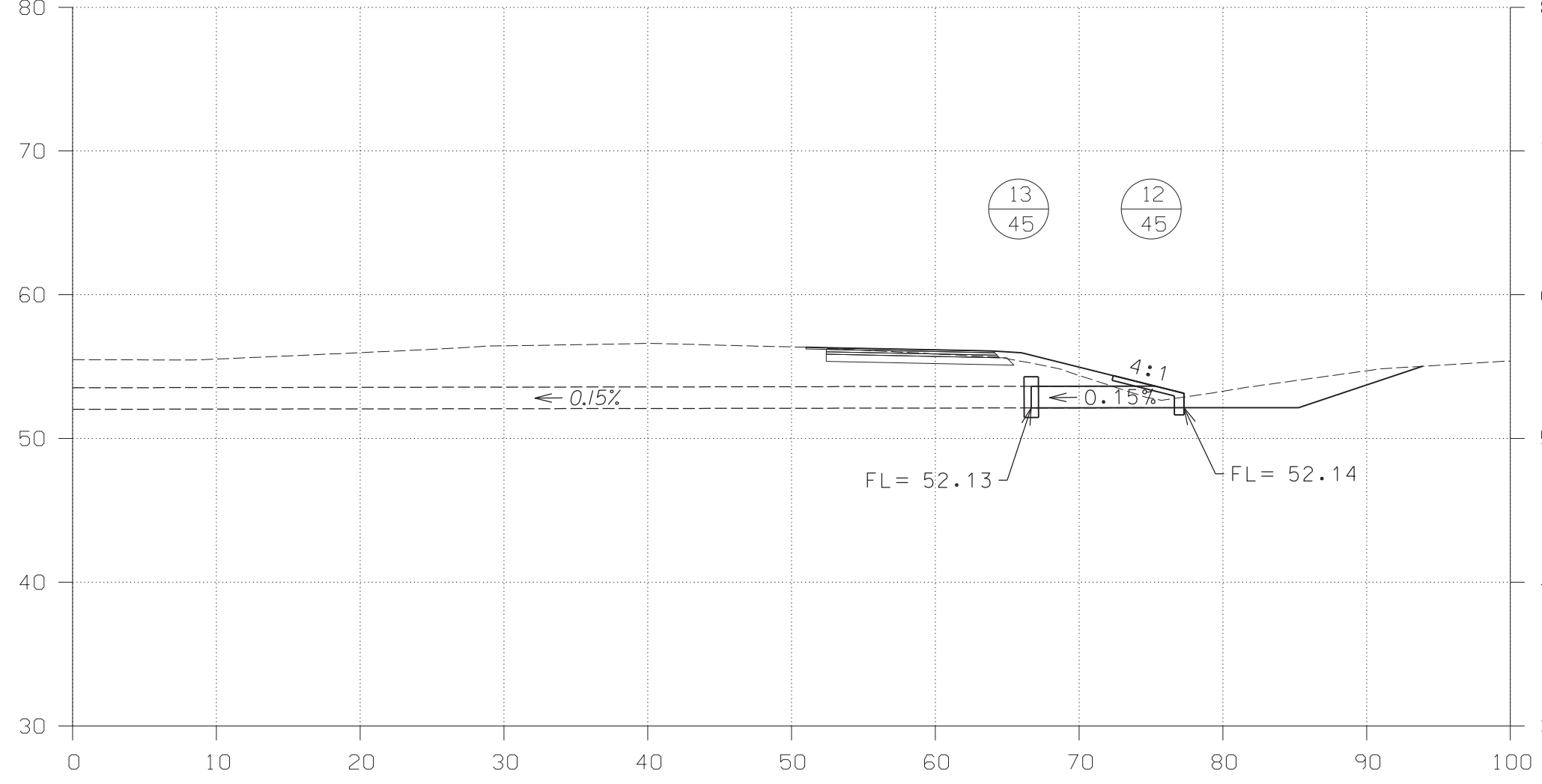
400-3020-5139
ADDITIVE ALTERNATE NO. 1



STA 278+24.72

IN-PL: STA 278+24.72, LT SIDE, NO SKEW, 29'S X 18"R RCP & 1-HDWL (REMOVE LT SIDE

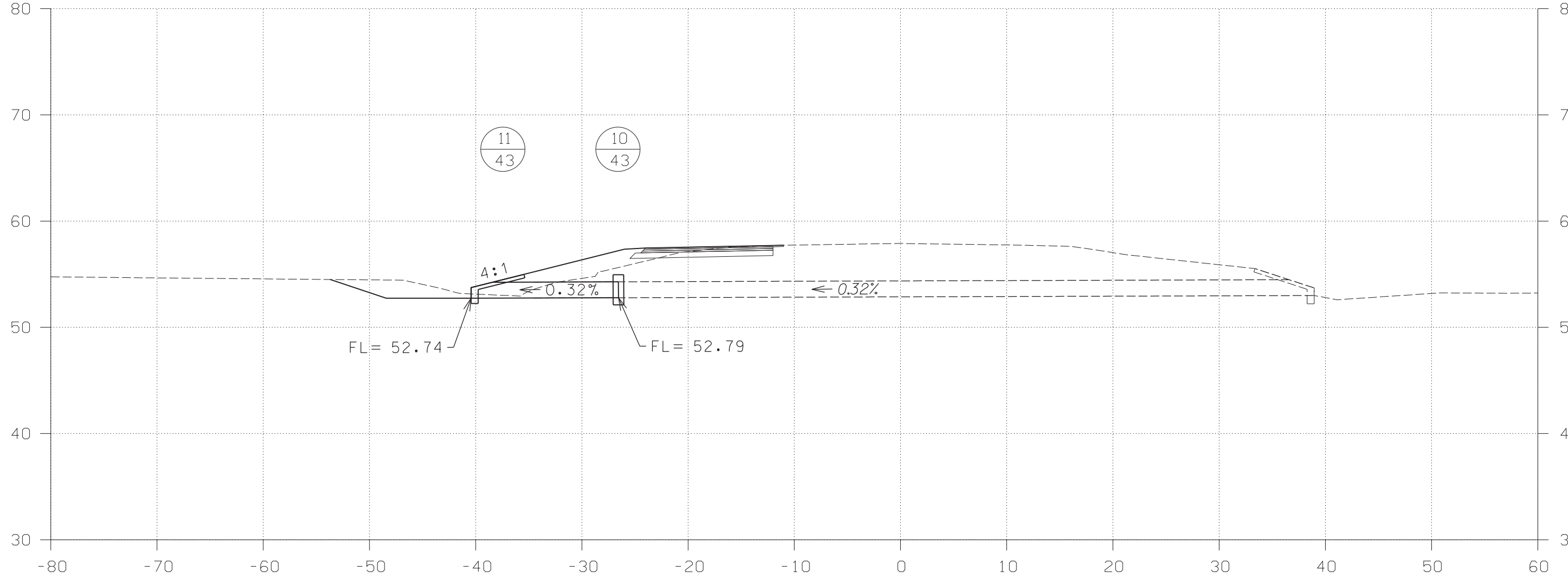
- $\frac{14}{45}$ 1 EA - CONCRETE COLLAR
 $\frac{14}{45}$ - $\frac{15}{45}$ 12 LIN FT - 29" S X 18" R STORM SEWER PIPE (CLASS 3 RC)
 $\frac{15}{45}$ 1 EA - 29" S X 18" R ROADWAY PIPE END TREATMENT, CLASS 1, 4:1 SLOPE



STA 278+24.72

IN-PL: STA 278+24.72, RT SIDE, NO SKEW, 29"S X 18"R RCP & 1-HDWL (REMOVE RT SIDE



- | | |
|---------------------------------|---|
| $\frac{12}{45}$ | 1 EA - 29"S X 18"R ROADWAY PIPE END TREATMENT, CLASS 1, 4:1 SLOPE |
| $\frac{12}{45} - \frac{13}{45}$ | 11 LIN FT - 29"S X 18"R STORM SEWER PIPE (CLASS 3 RC) |
| $\frac{13}{45}$ | 1 EA - CONCRETE COLLAR |

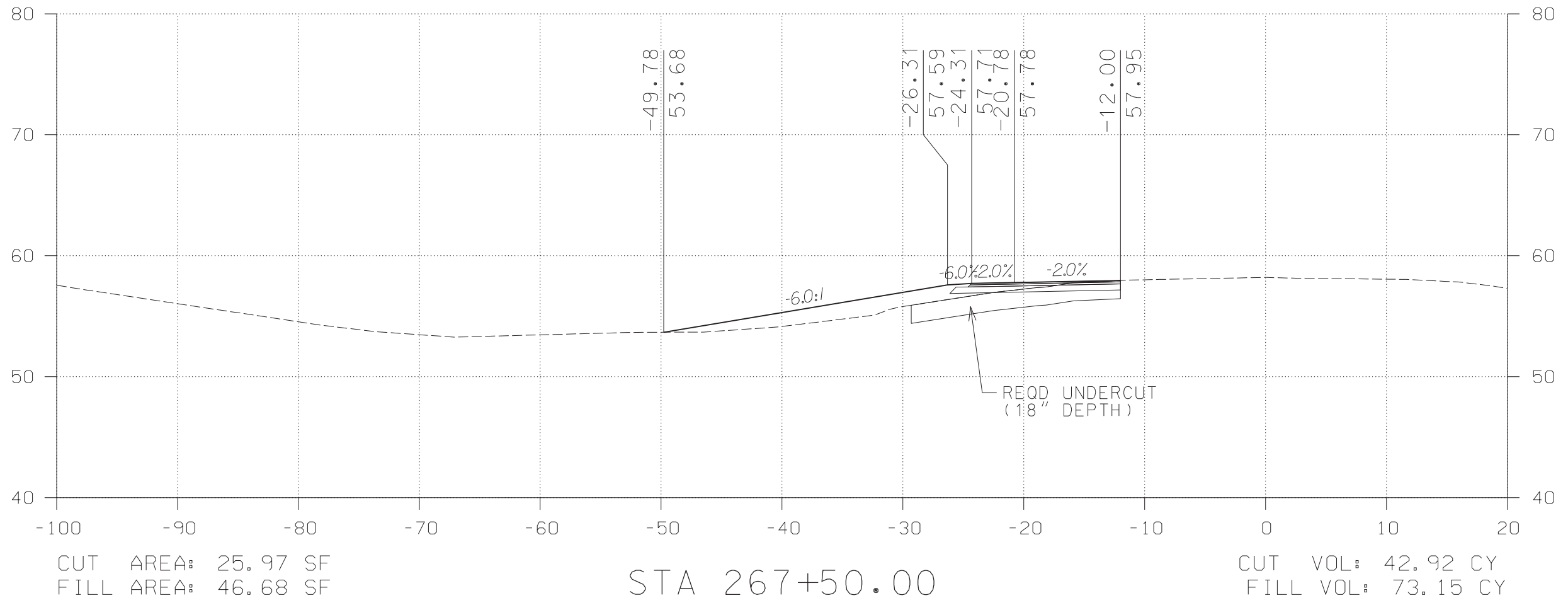
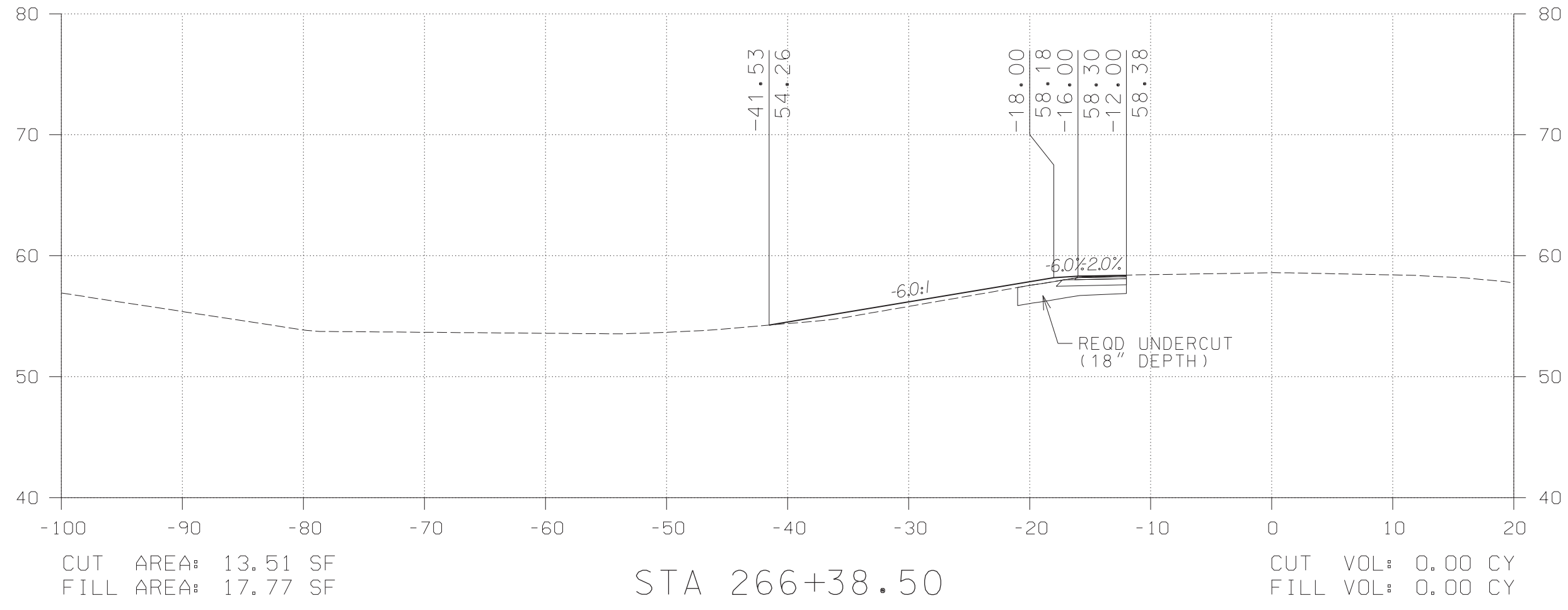
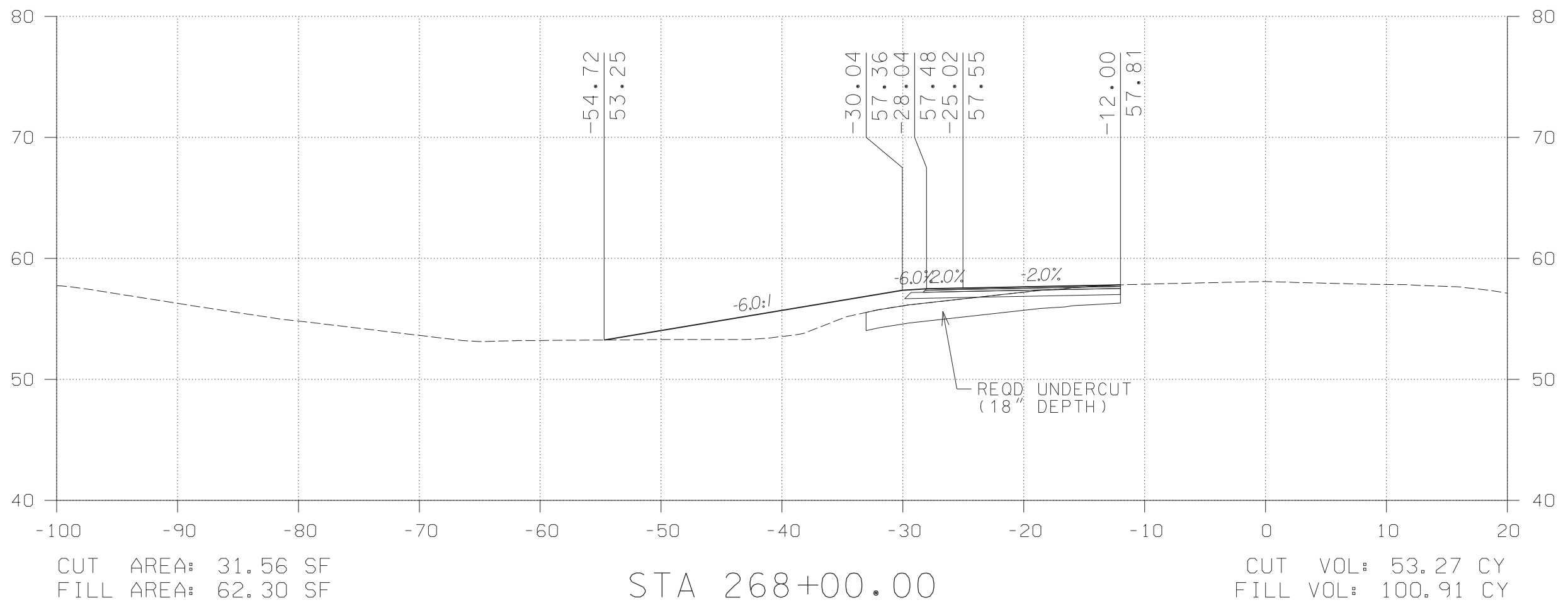
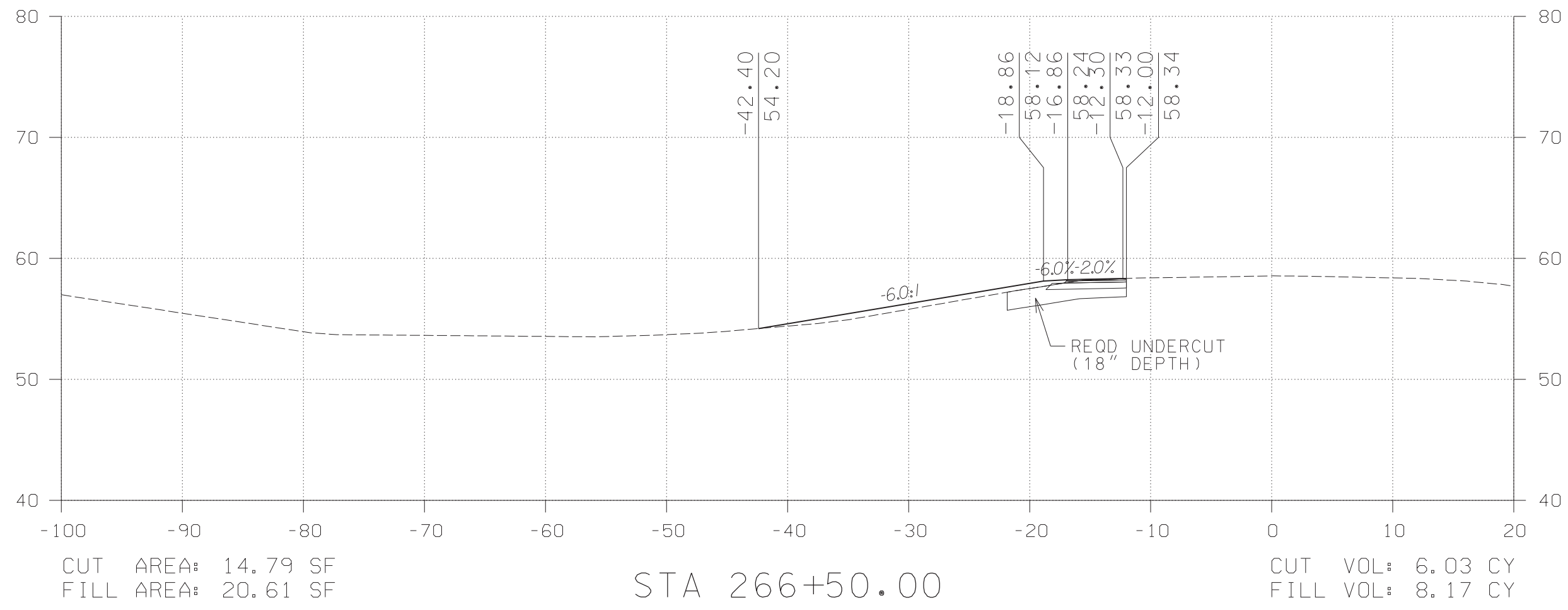
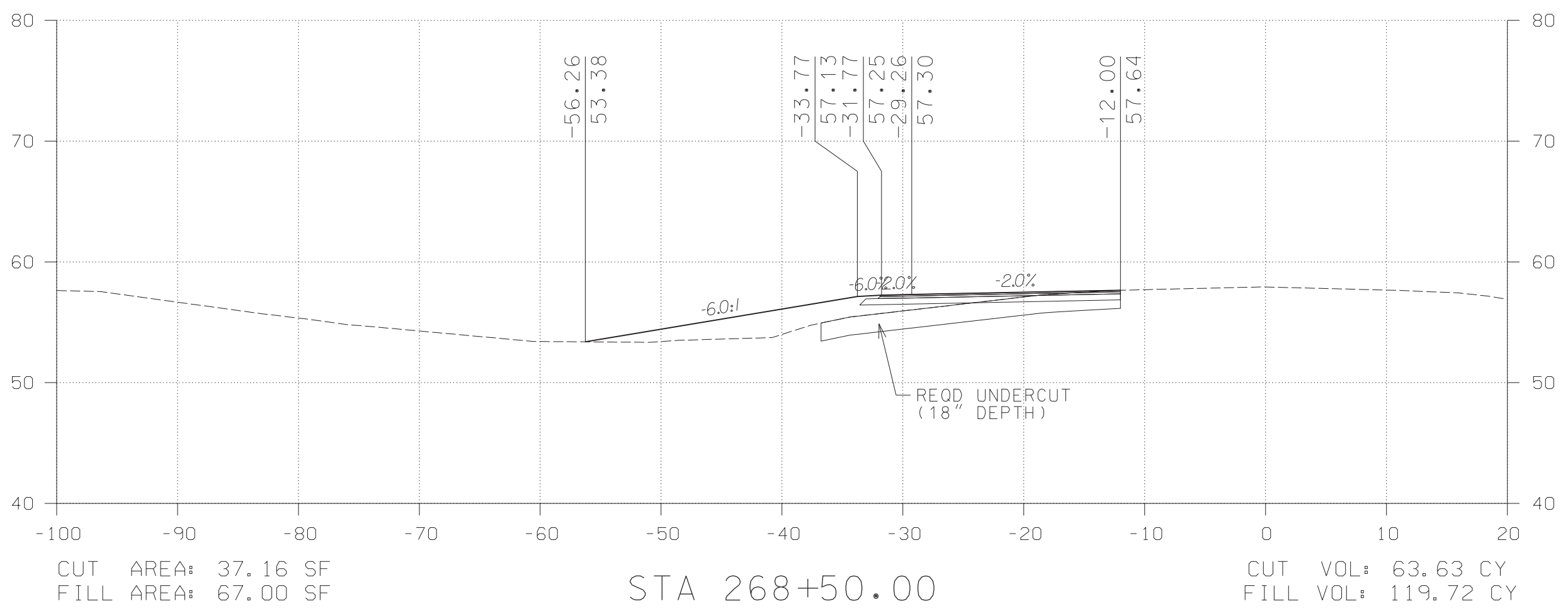
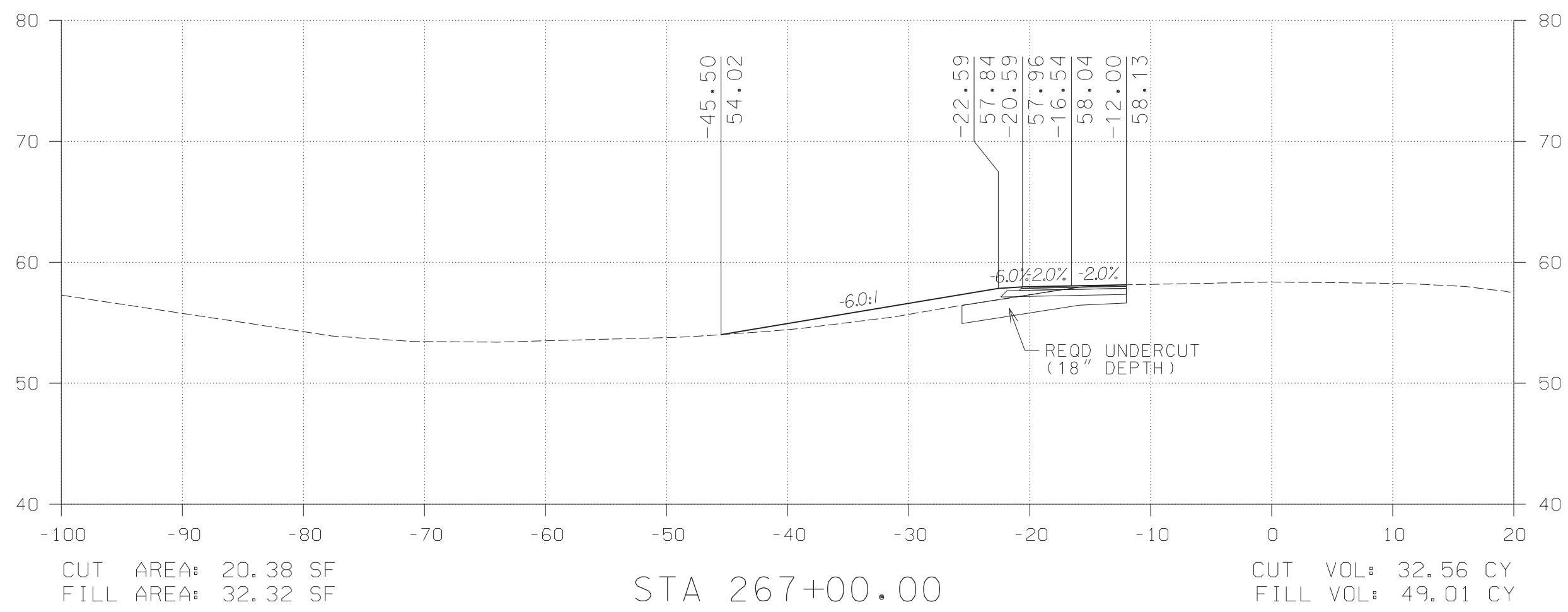


STA 268+25.16

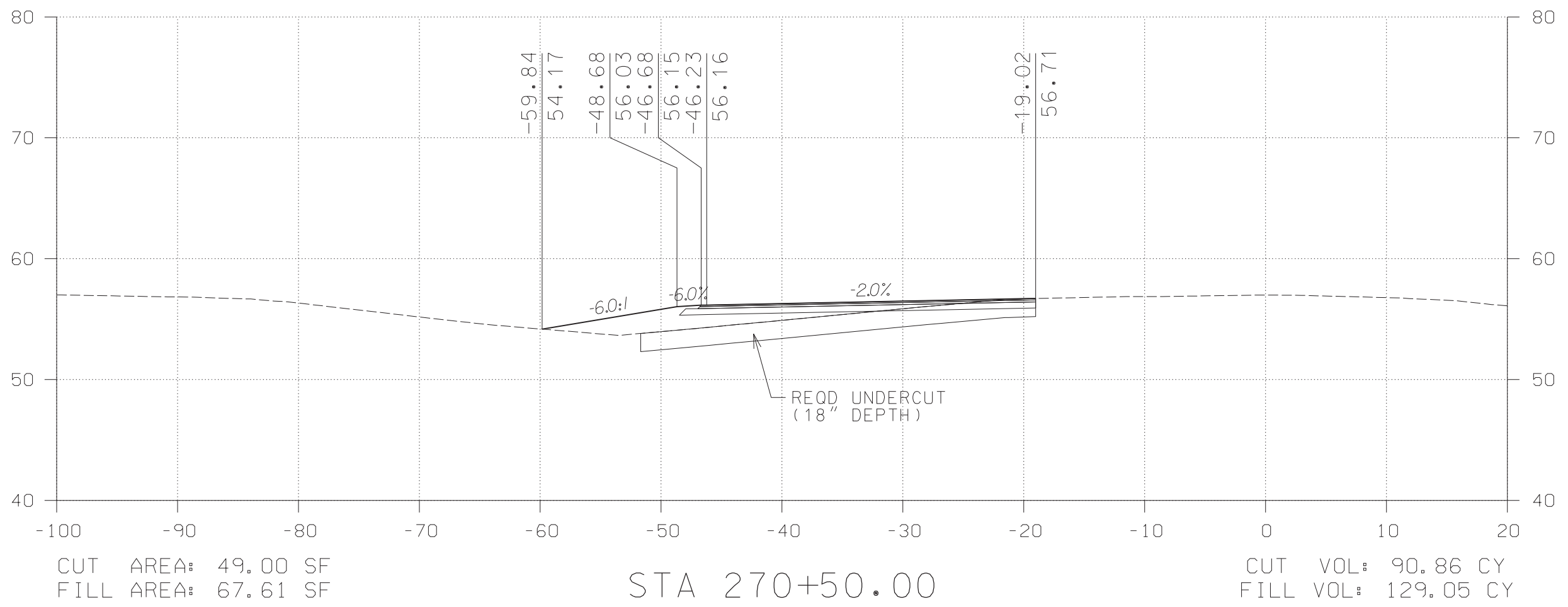
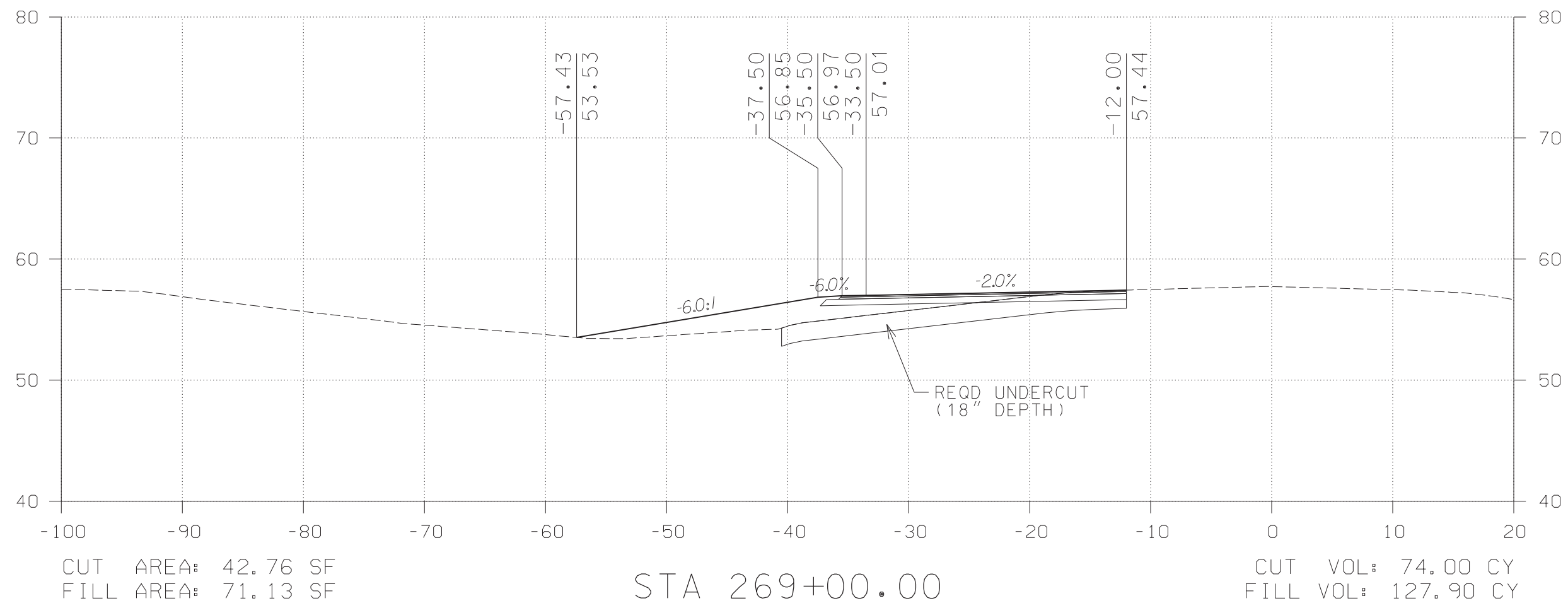
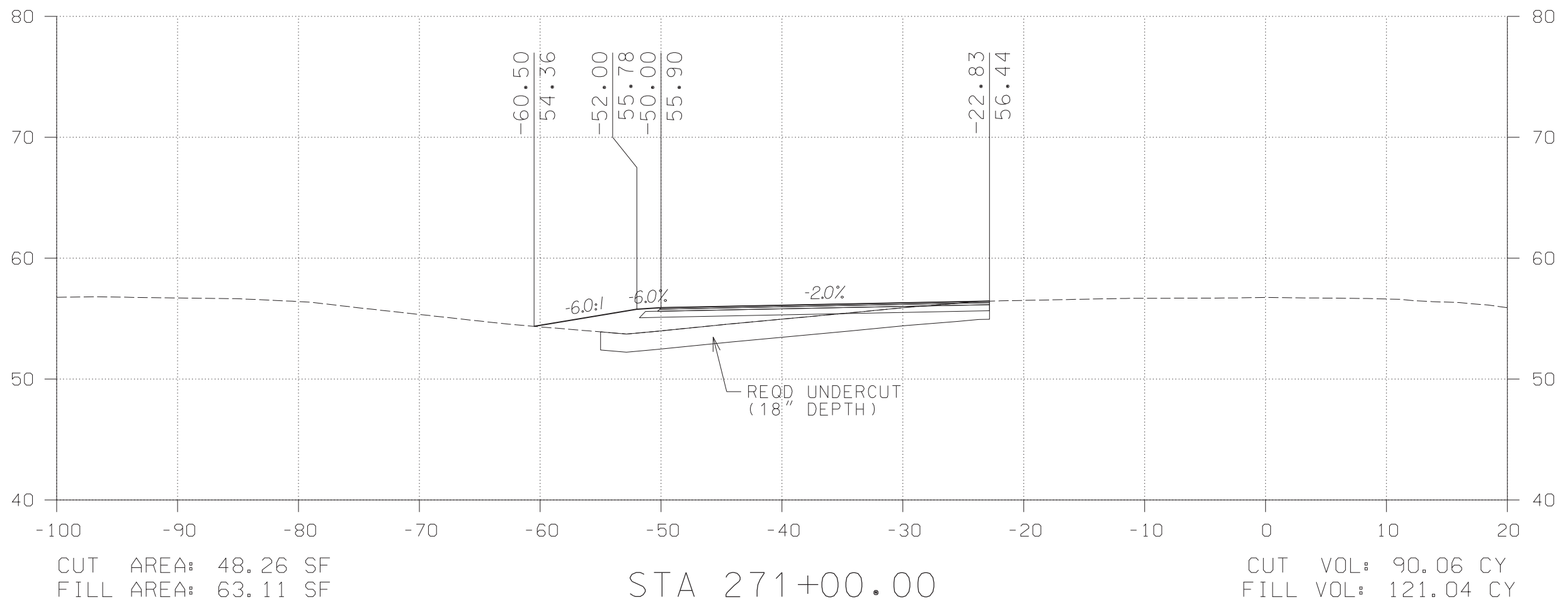
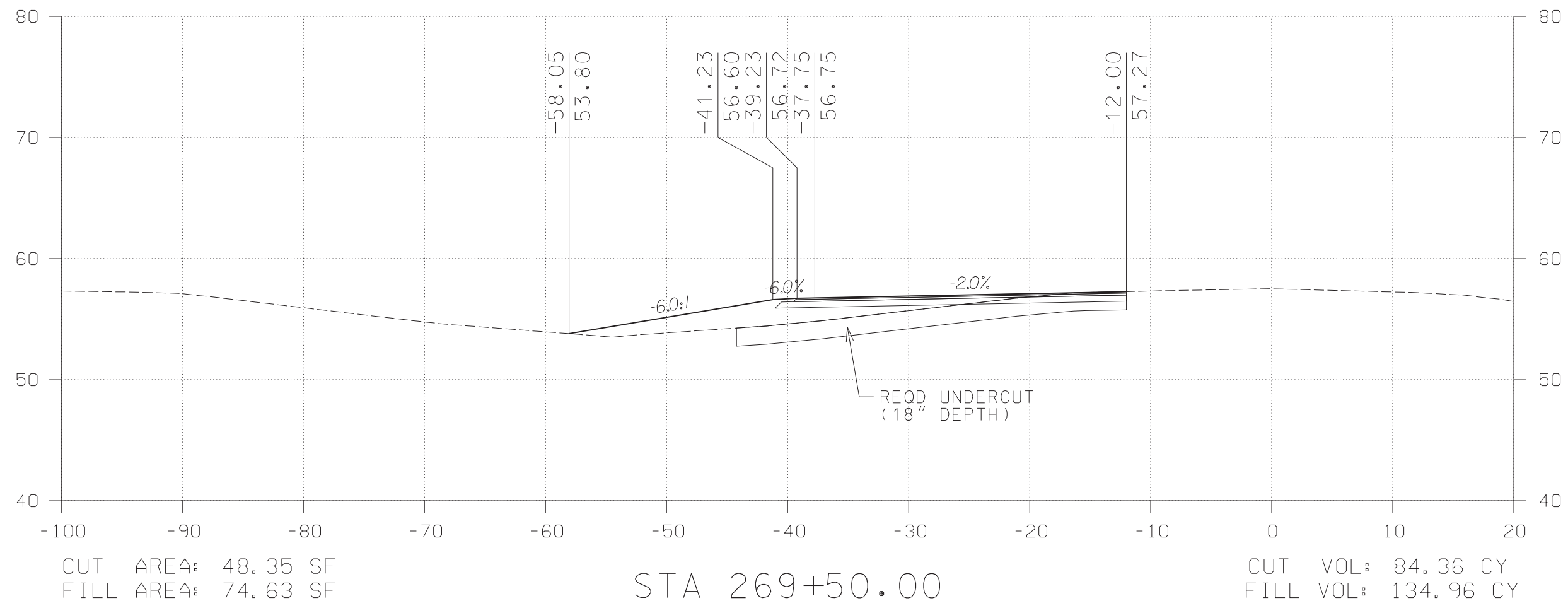
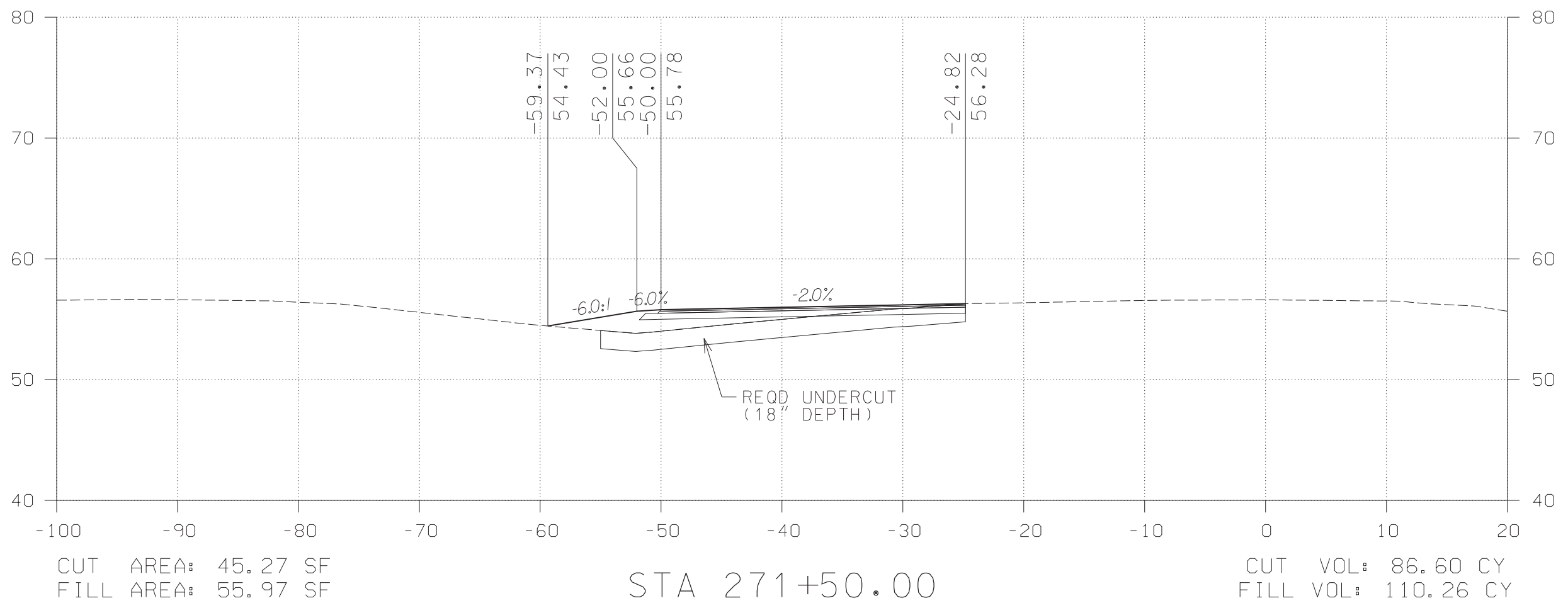
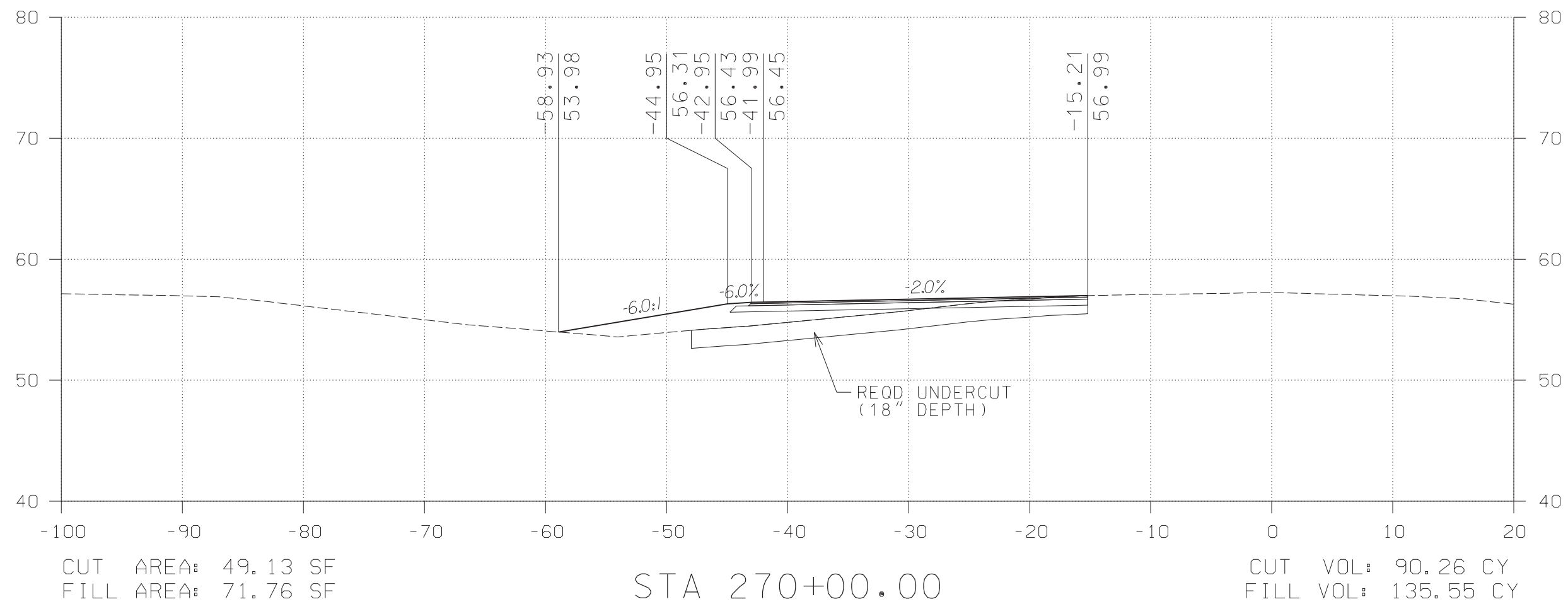
IN-PL: STA 268+25.16, NO SKEW, 29'S X 18'R RCP & 2-HDWL (REMOVE LT SIDE

- $\frac{10}{43}$ 1 EA - CONCRETE COLLAR
 $\frac{10}{43} - \frac{11}{43}$ 14 LIN FT - 29"S X 18"R ROADWAY PIPE (CLASS 3 RC)(EXTENSION)
 $\frac{11}{43}$ 1 EA - 29"S X 18"R ROADWAY PIPE END TREATMENT, CLASS 1, 4:1 SLOPE



<div></div> <div>PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT & IMPROVEMENTS ON FOLEY TURN LANES ON FOLEY BEACH EXPRESS AT CR-12</div>	DRAINAGE SECTIONS				<div></div>				NO. DATE REVISION OR CHANGE ORDER DESCRIPTION BY				SHEET TITLE						
PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT & IMPROVEMENTS ON FOLEY TURN LANES ON FOLEY BEACH EXPRESS AT CR-12										400-3020-5139 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12									
SHEET TITLE										DRAINAGE SECTIONS									

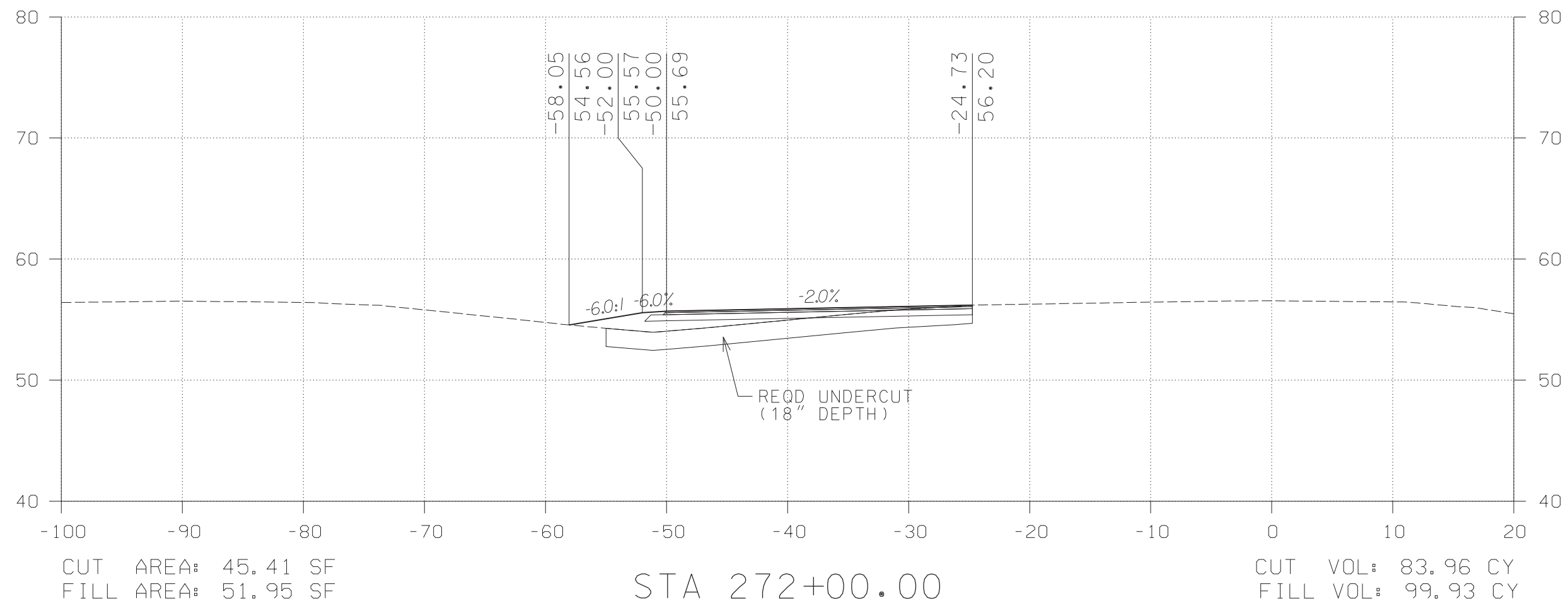
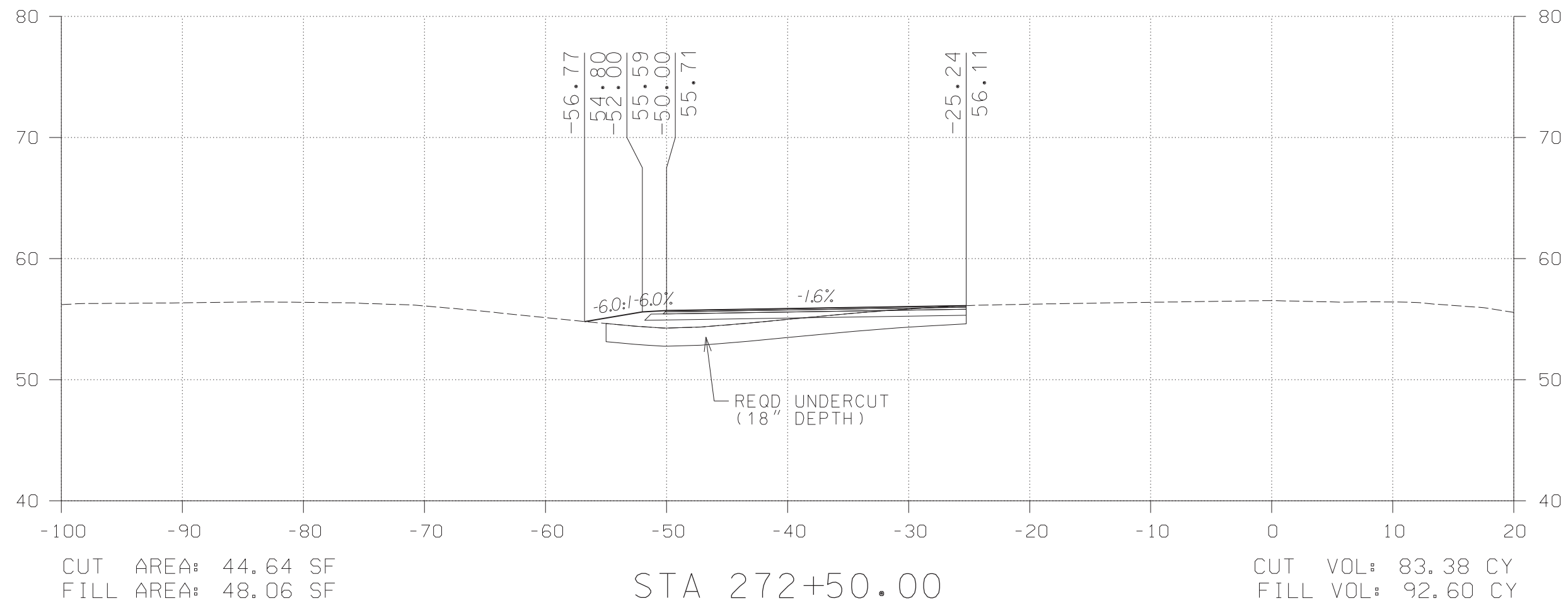
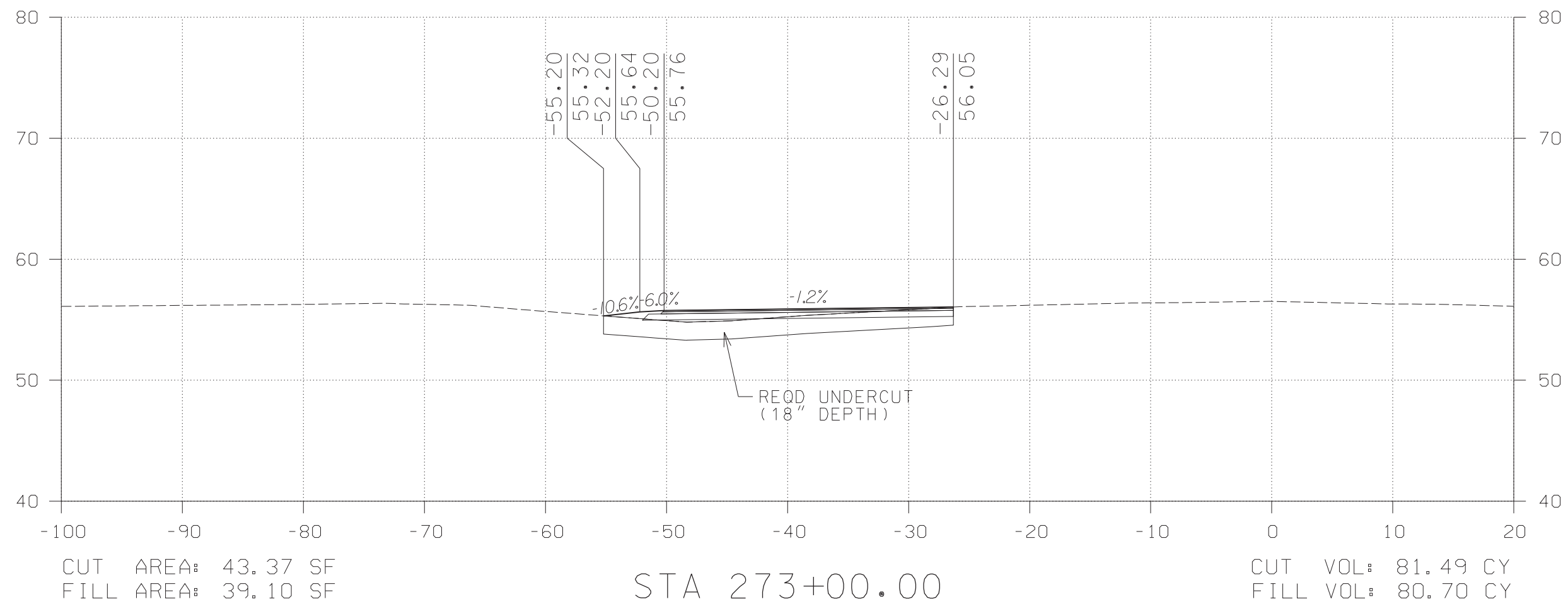


STA 266+38.50 TO STA 268+50.00, BL CONST FBE NBR

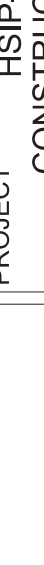



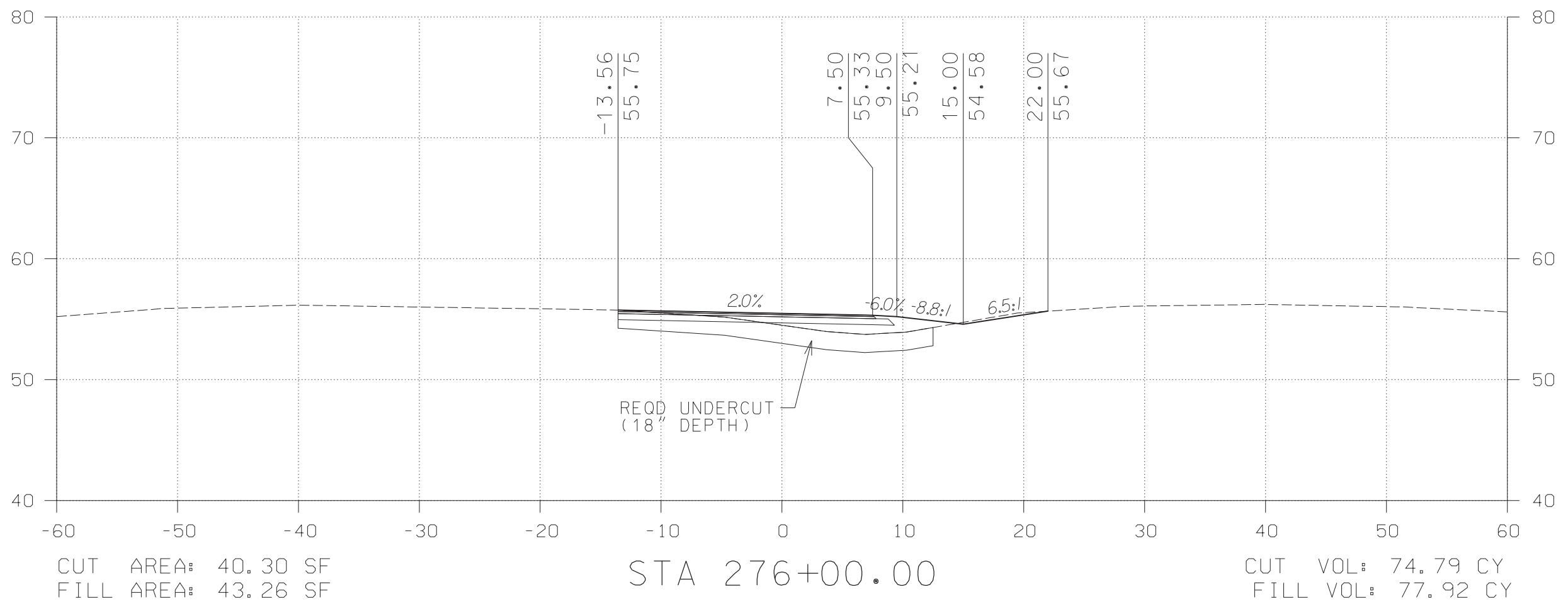
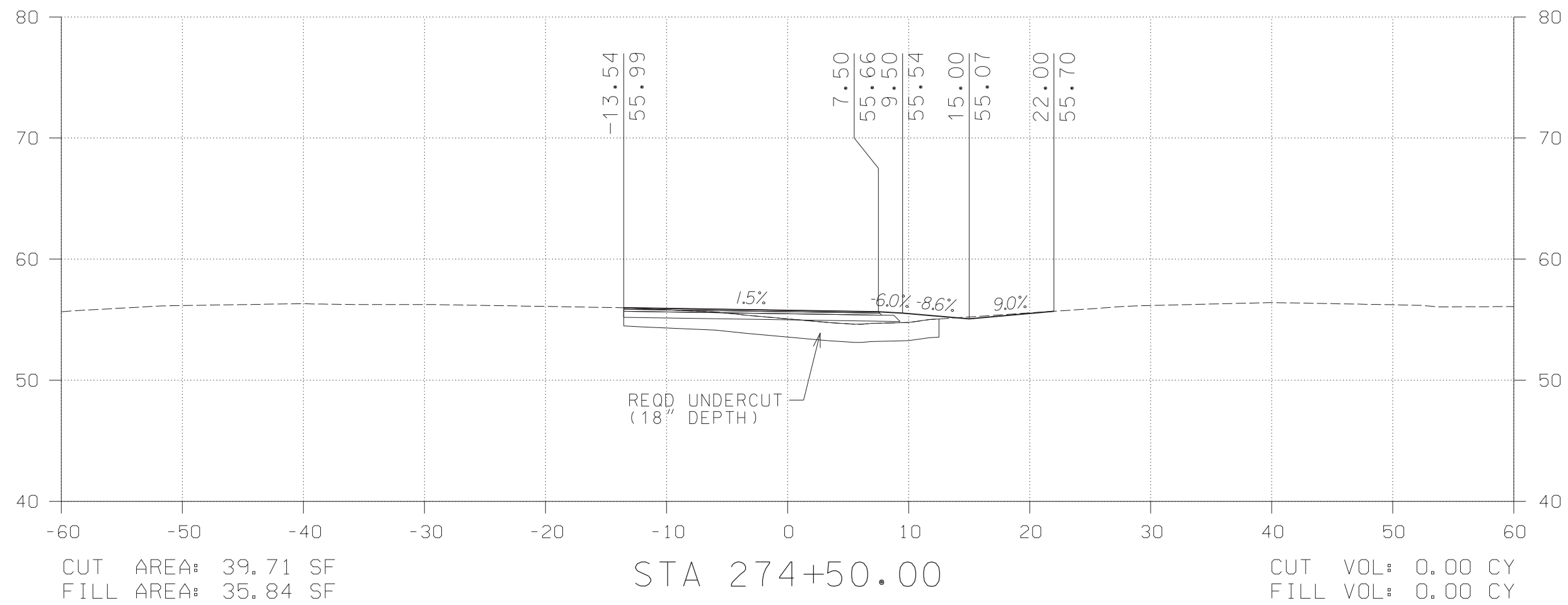
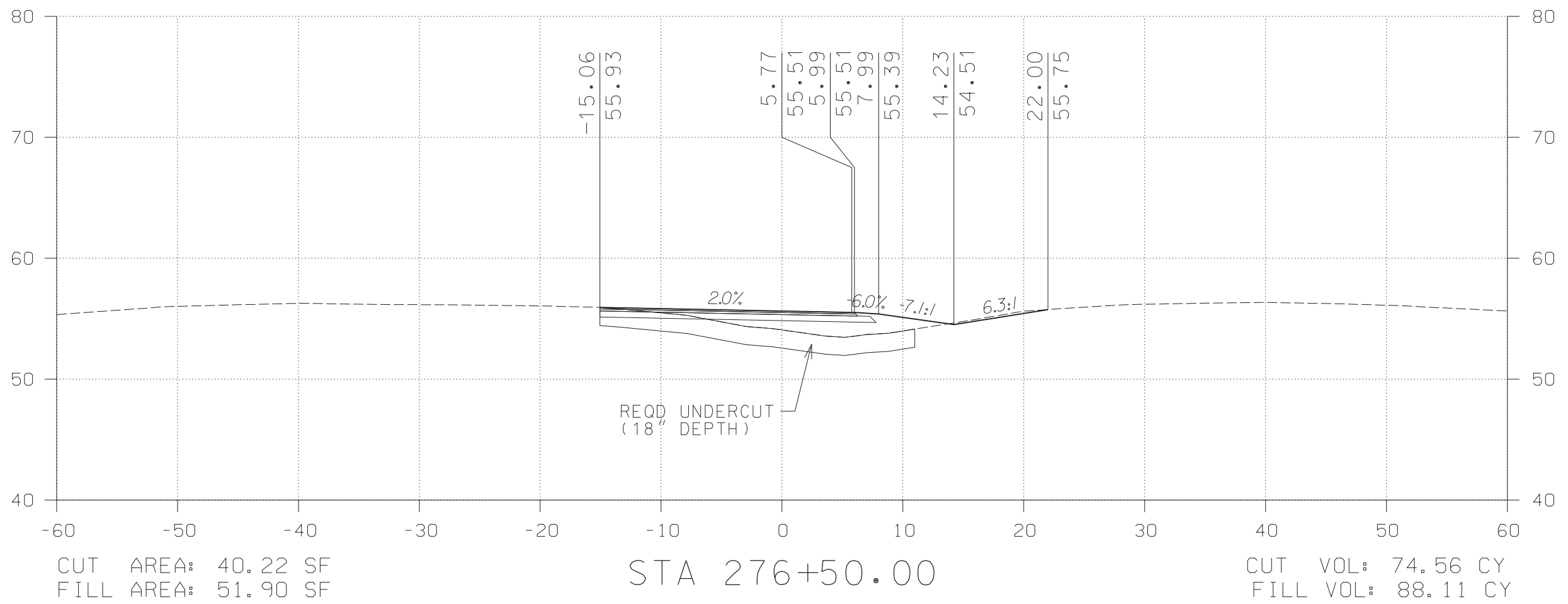
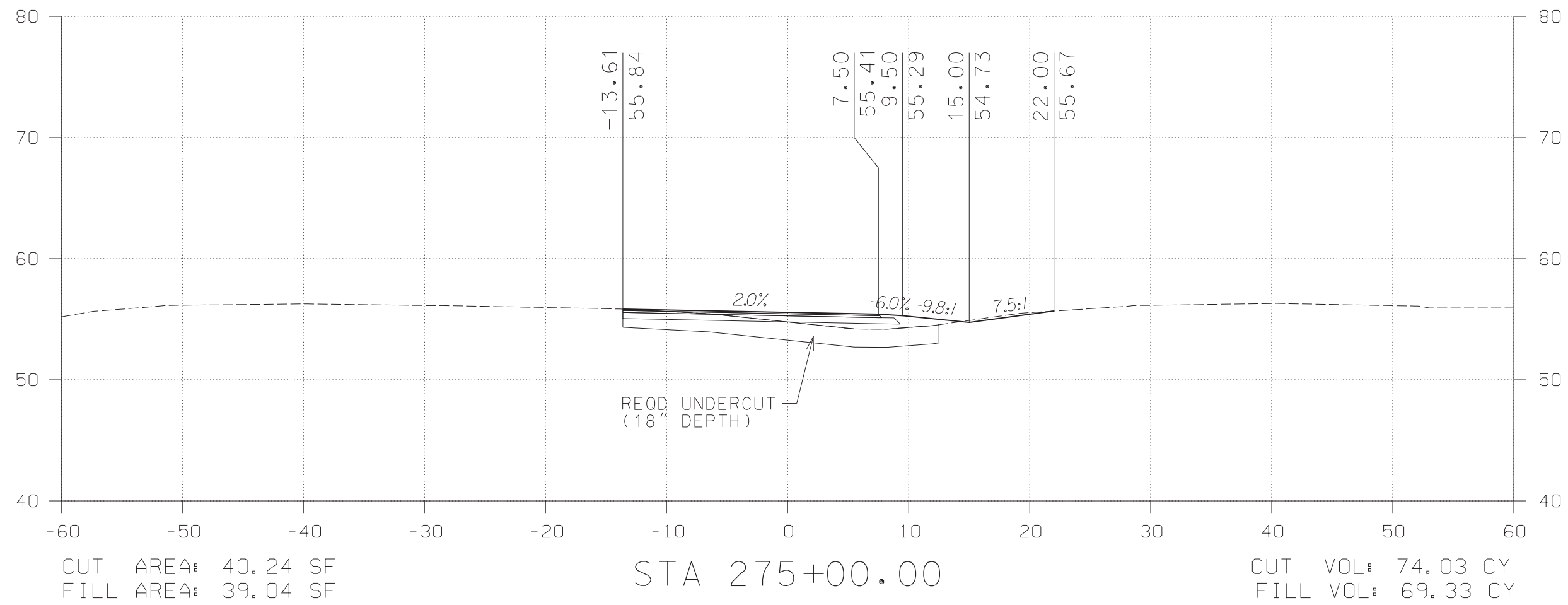
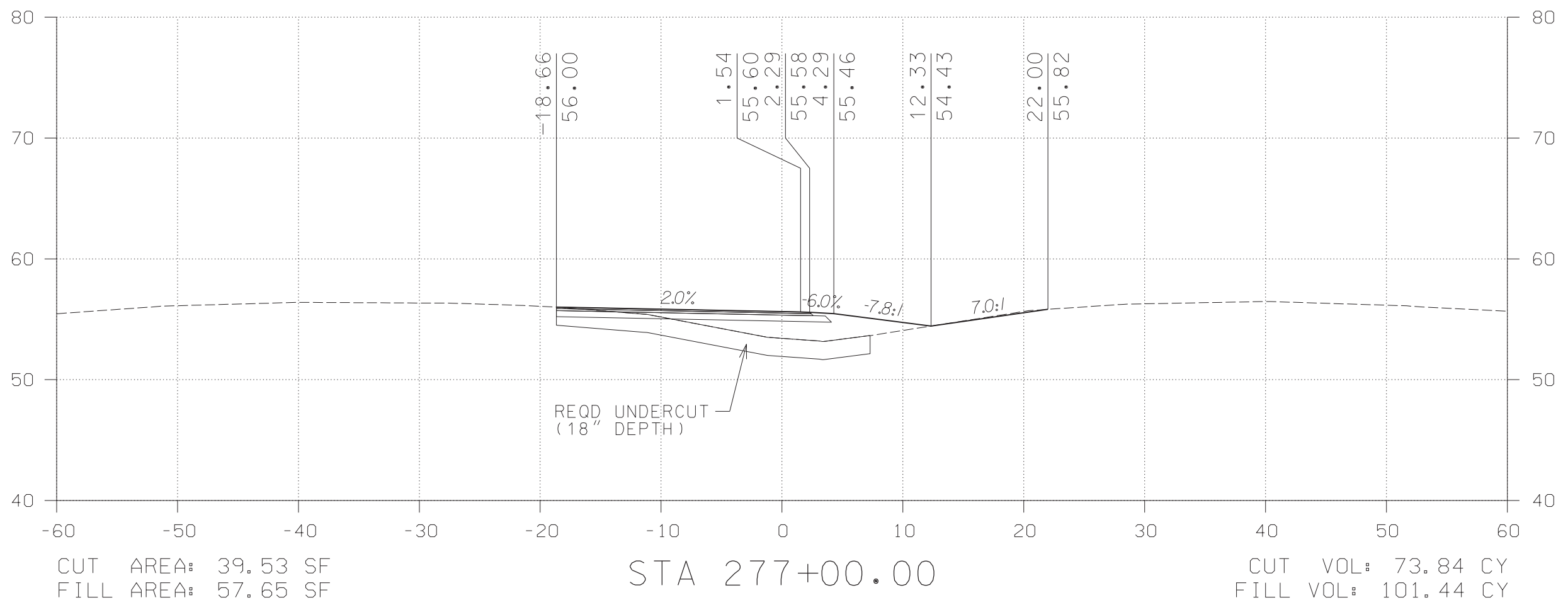
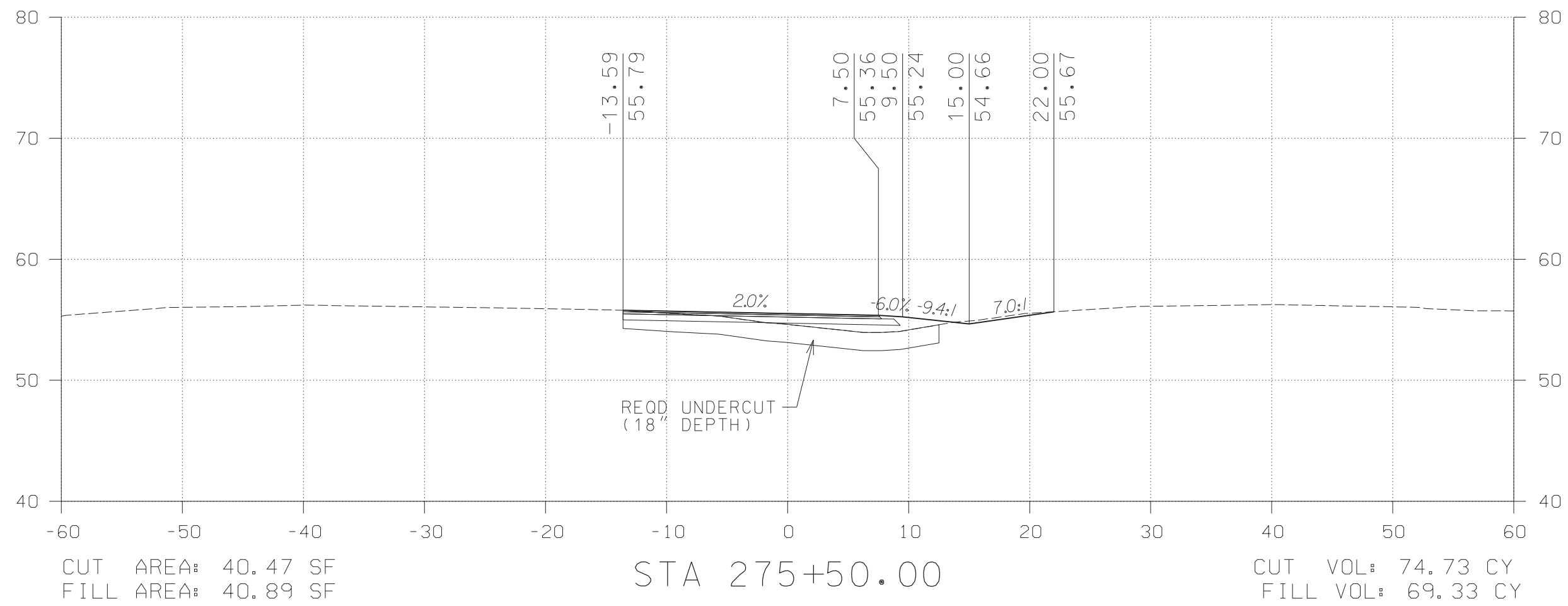
STA 269+00.00 TO STA 271+50.00, BL CONST FBE NBR

	PROJECT HSIP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	CROSS SECTIONS				SHEET TITLE		
				NO. DATE REVISION OR CHANGE ORDER DESCRIPTION BY						
				DESIGNED	CHECKED	DETAILED	CHECKED		REVIEWED	CDW
				COUNTY	ROUTE	PROJECT NUMBER	FOLEY BEACH EXPRESS		SCALE	SERIES NUMBER
DATE		01/31/2020	SCALE		1"=10'	2 OF 6				
SHEET NUMBER		101								



STA 272+00.00 TO STA 273+00.00, BL CONST FBE NBR

 <div>PROJECT HSIP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12</div> <div>400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12</div> <div>CROSS SECTIONS</div>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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STA 274+50.00 TO STA 277+00.00, CL CONST FBE

PROJECT
HSIP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

CROSS SECTIONS

DESIGNED
CHECKED
DETAILED
CHECKED

DATE
NO.
DATE

REVISION OR CHANGE ORDER DESCRIPTION
BY

COUNTY
BALDWIN

ROUTE
FOLEY BEACH
EXPRESS

PROJECT
NUMBER
08.19.002

CDW
REVIEWED

DATE
01/31/2020

SCALE
1"=10'

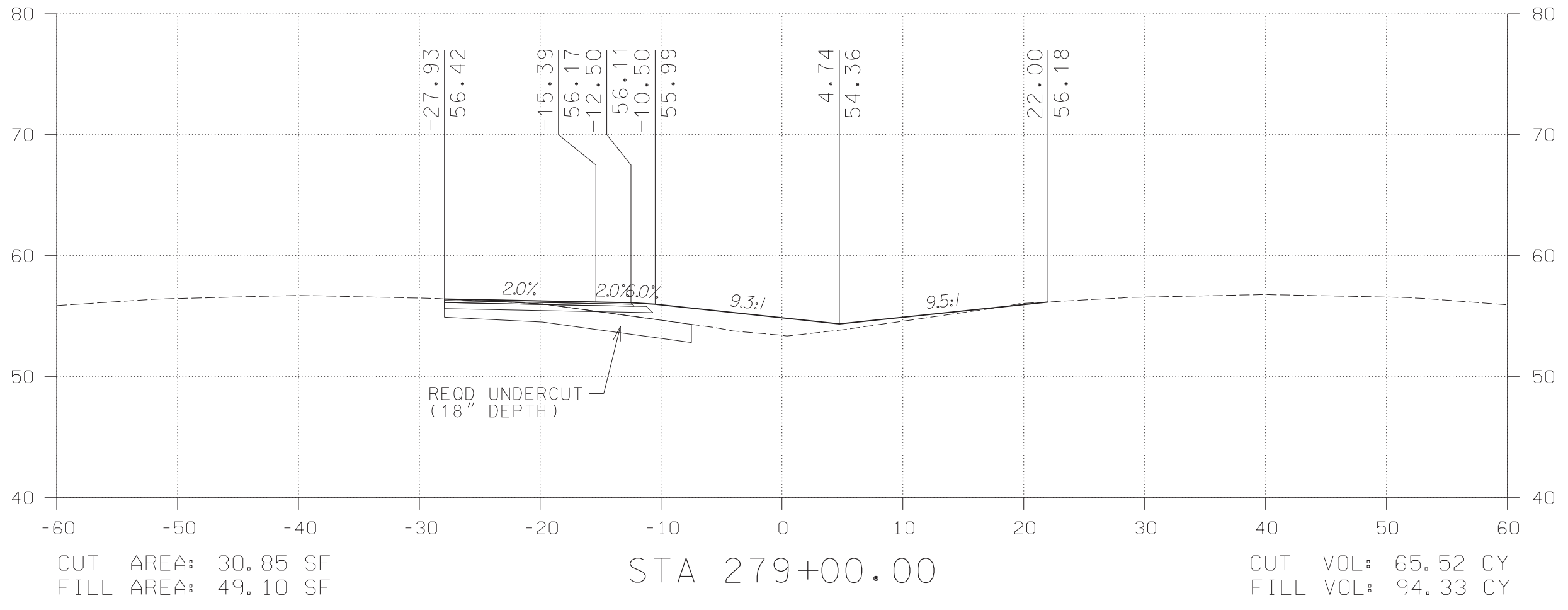
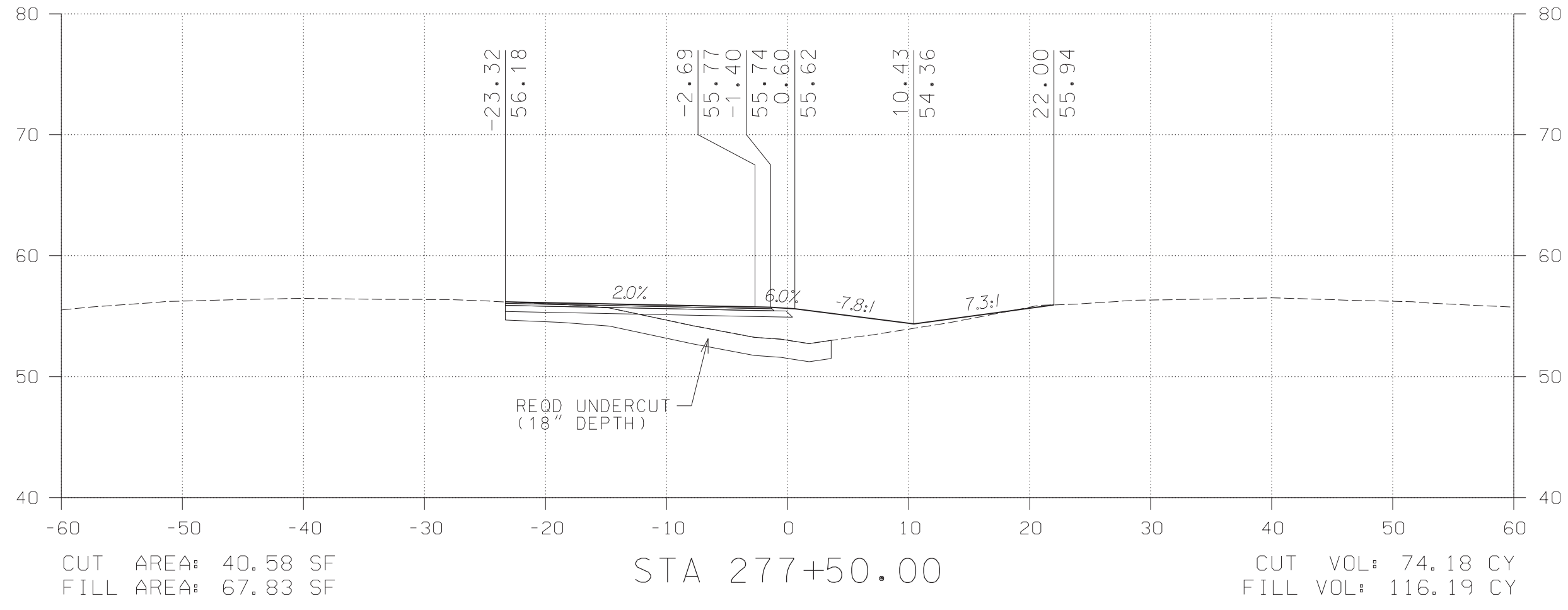
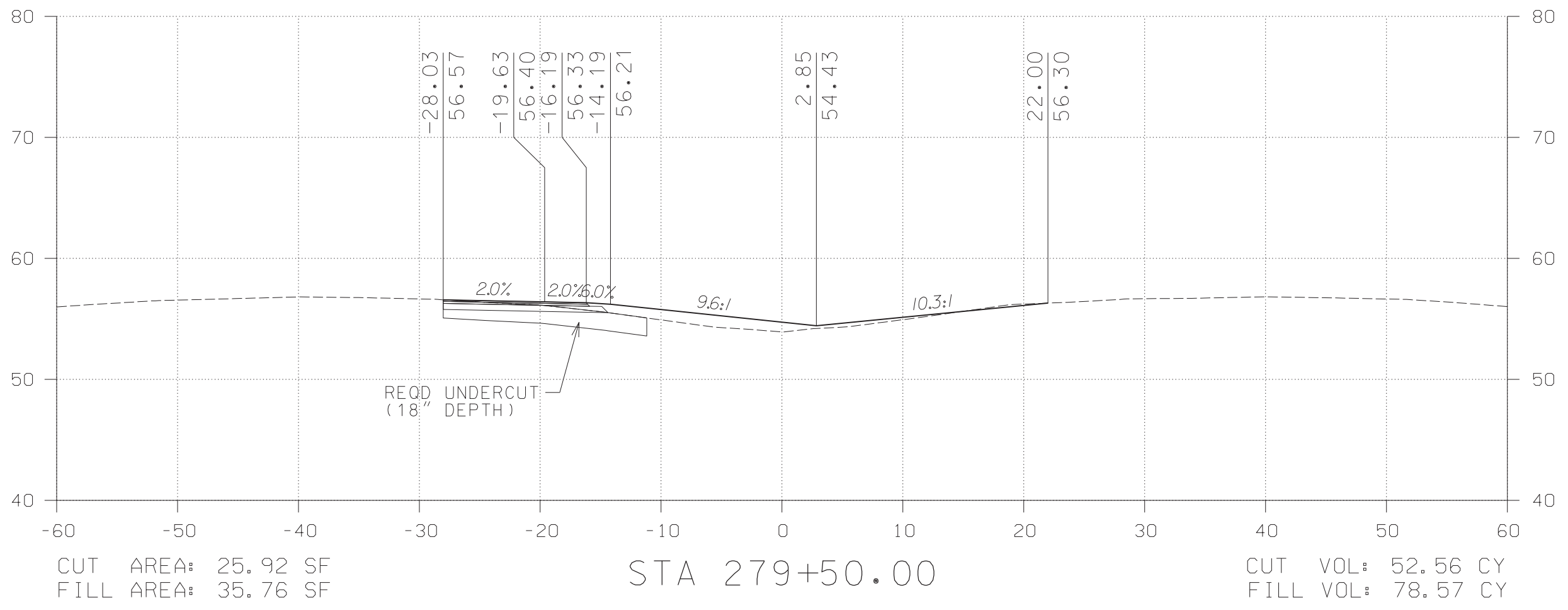
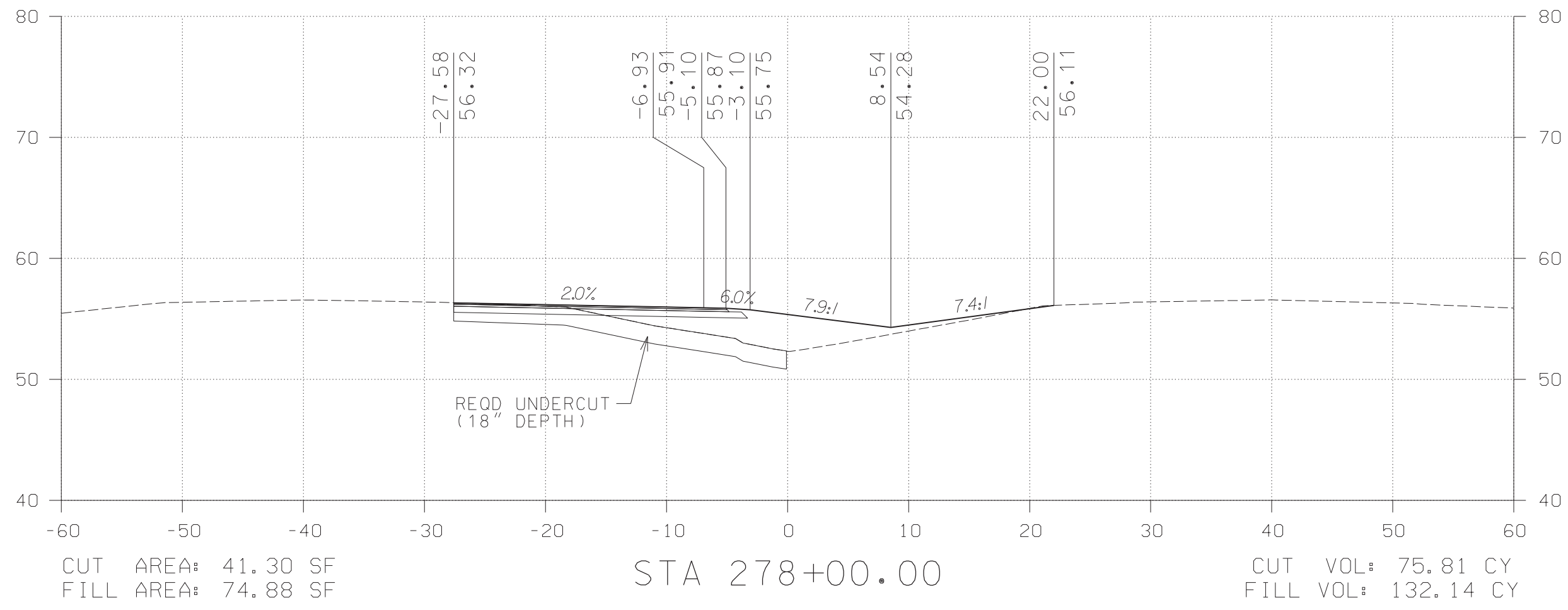
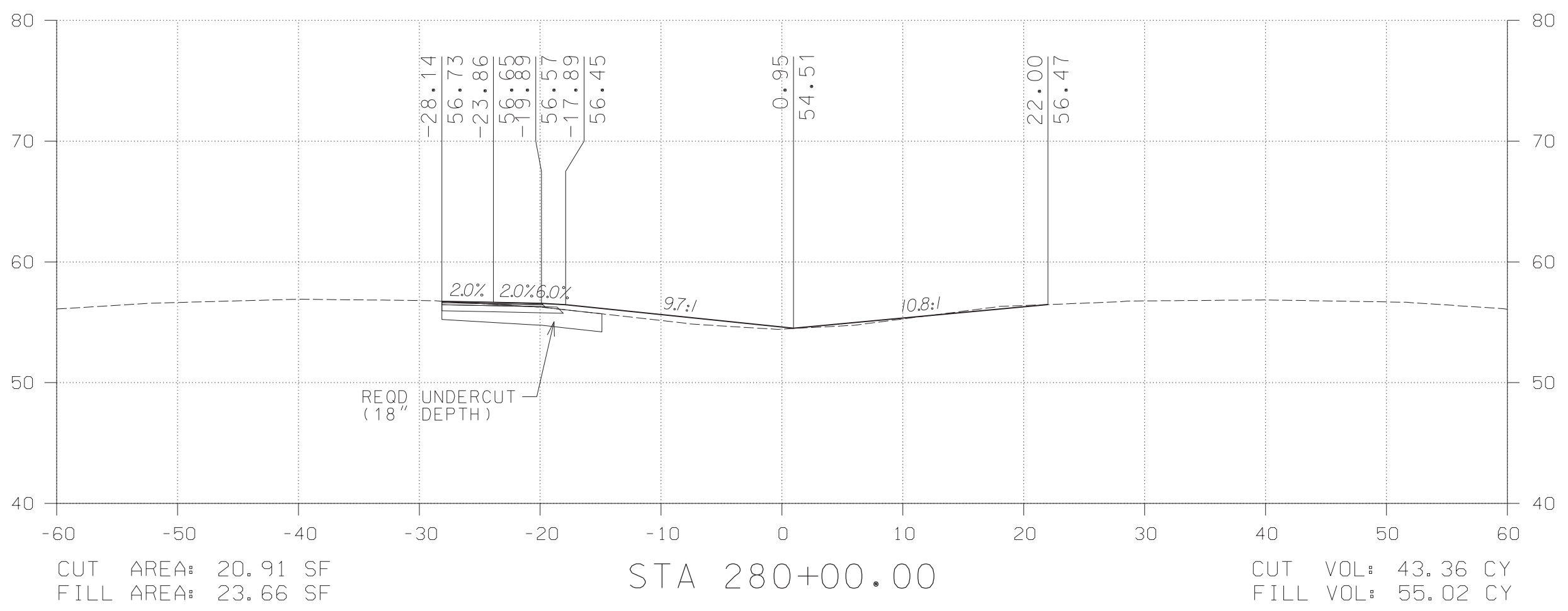
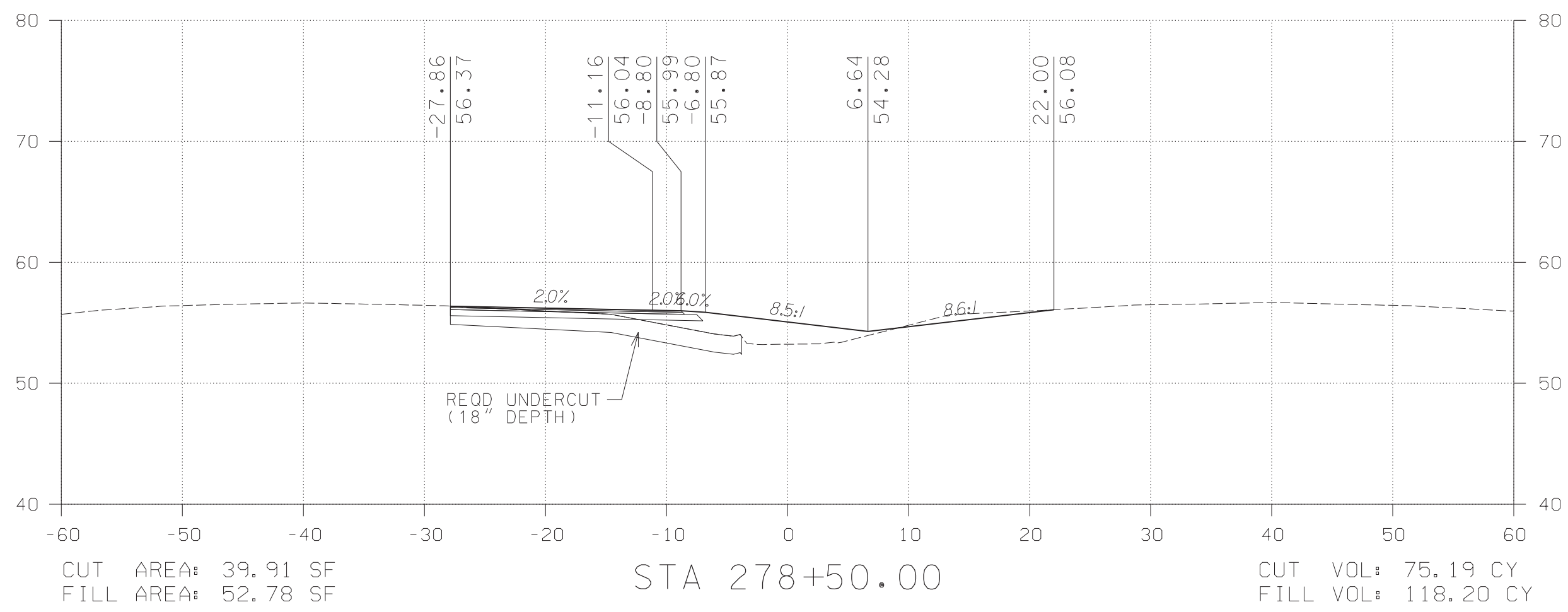
SHEET
NUMBER
4 OF 6

SHEET
NUMBER
103


DATE
01/31/2020

SCALE
1"=10'

SHEET
NUMBER
4 OF 6




STA 277+50.00 TO STA 280+00.00, CL CONST FBE



PROJECT
HSIP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

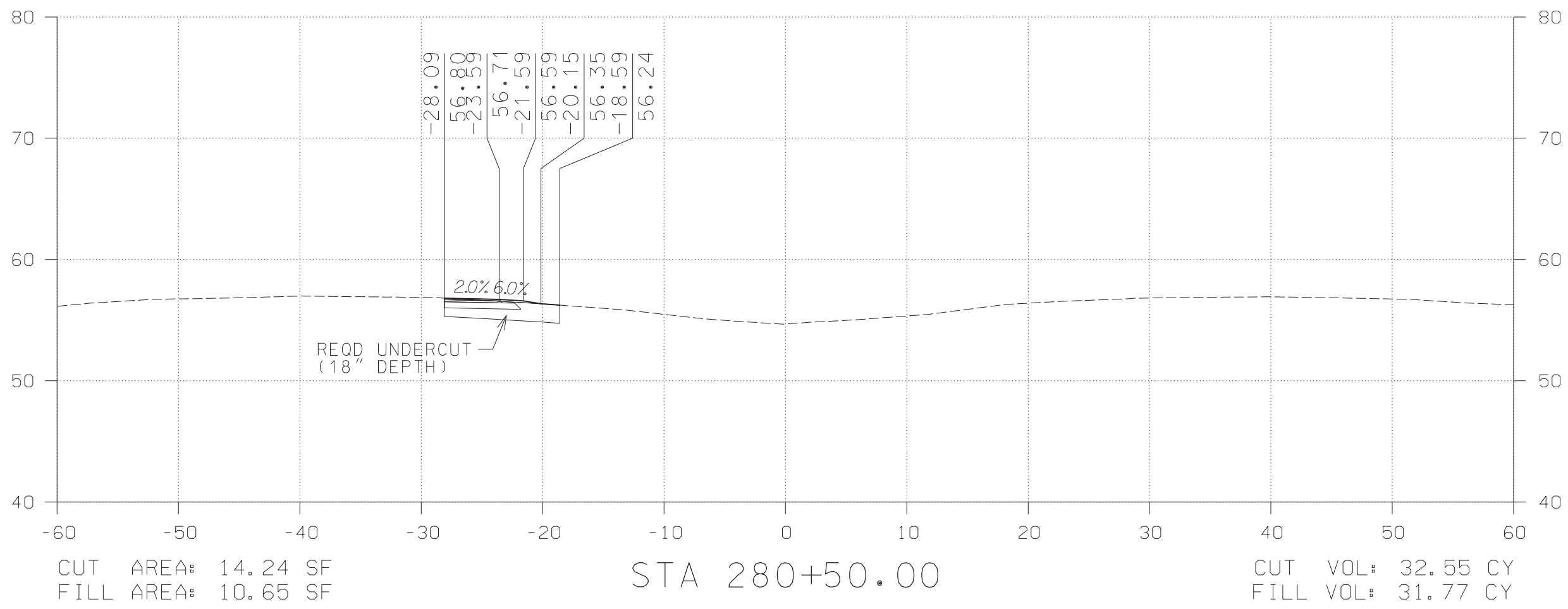
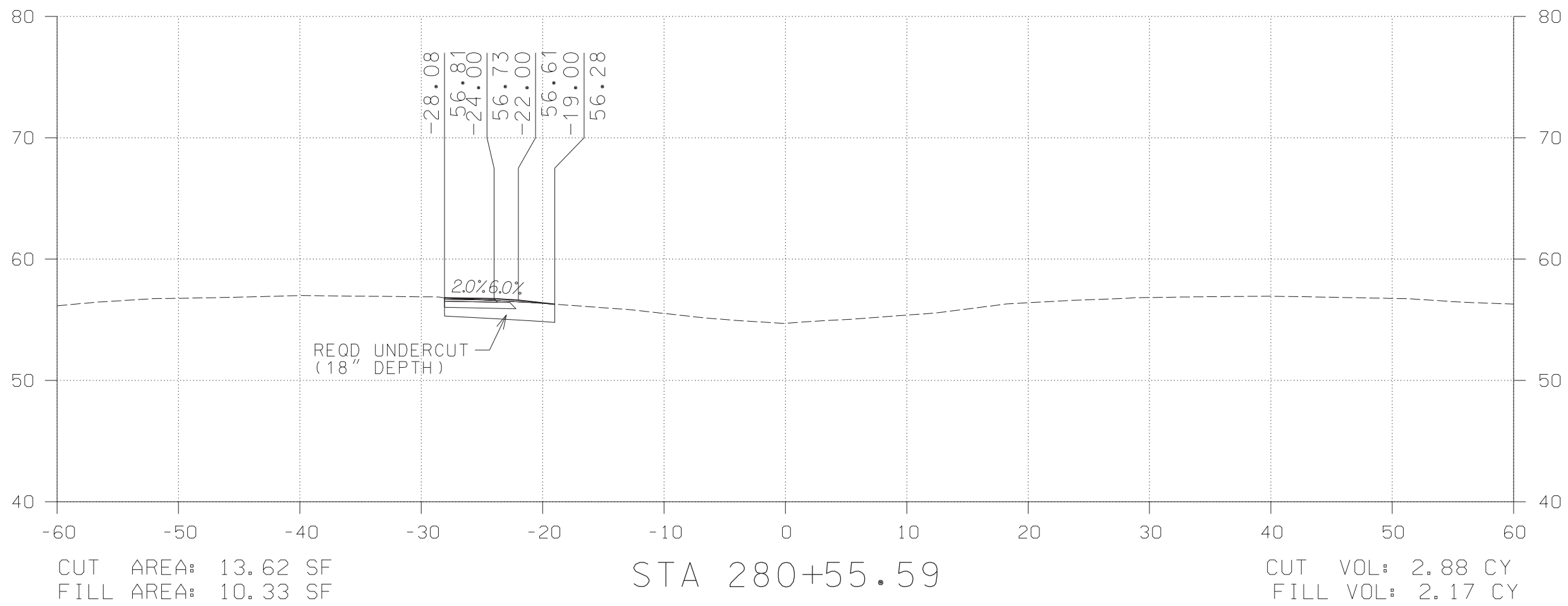


City of
Foley

CROSS SECTIONS

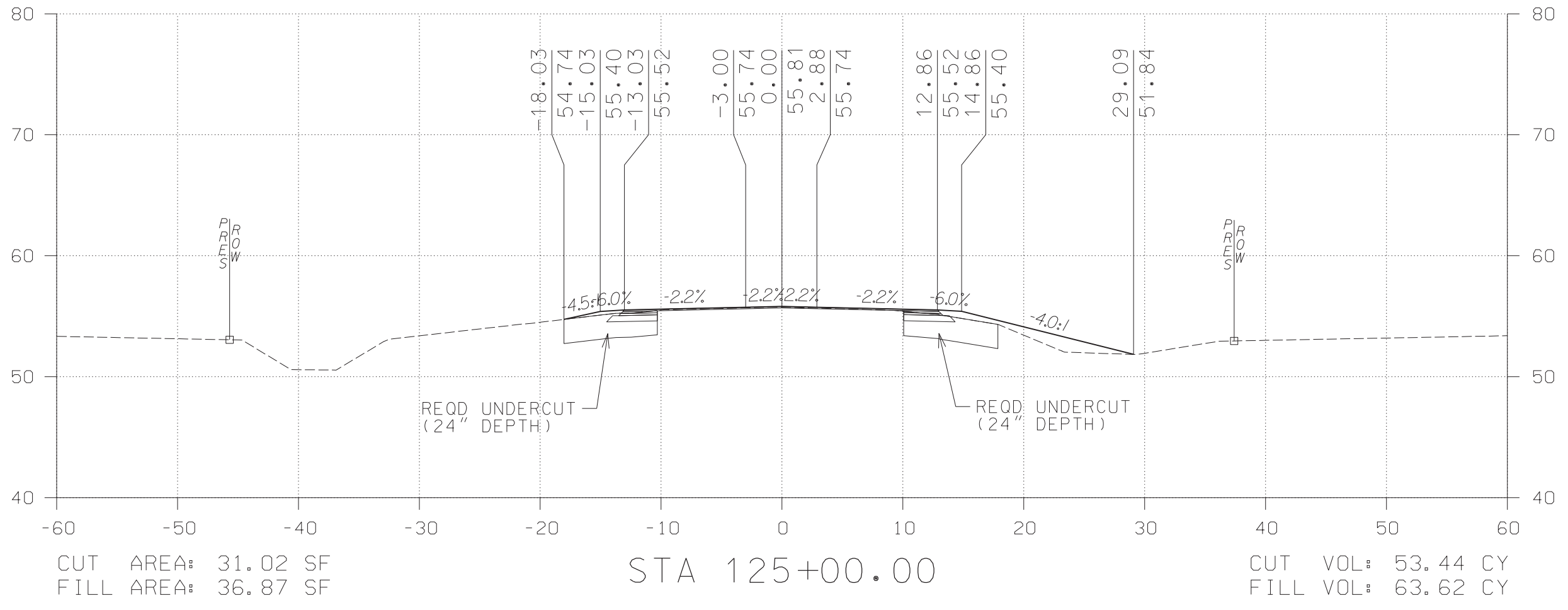
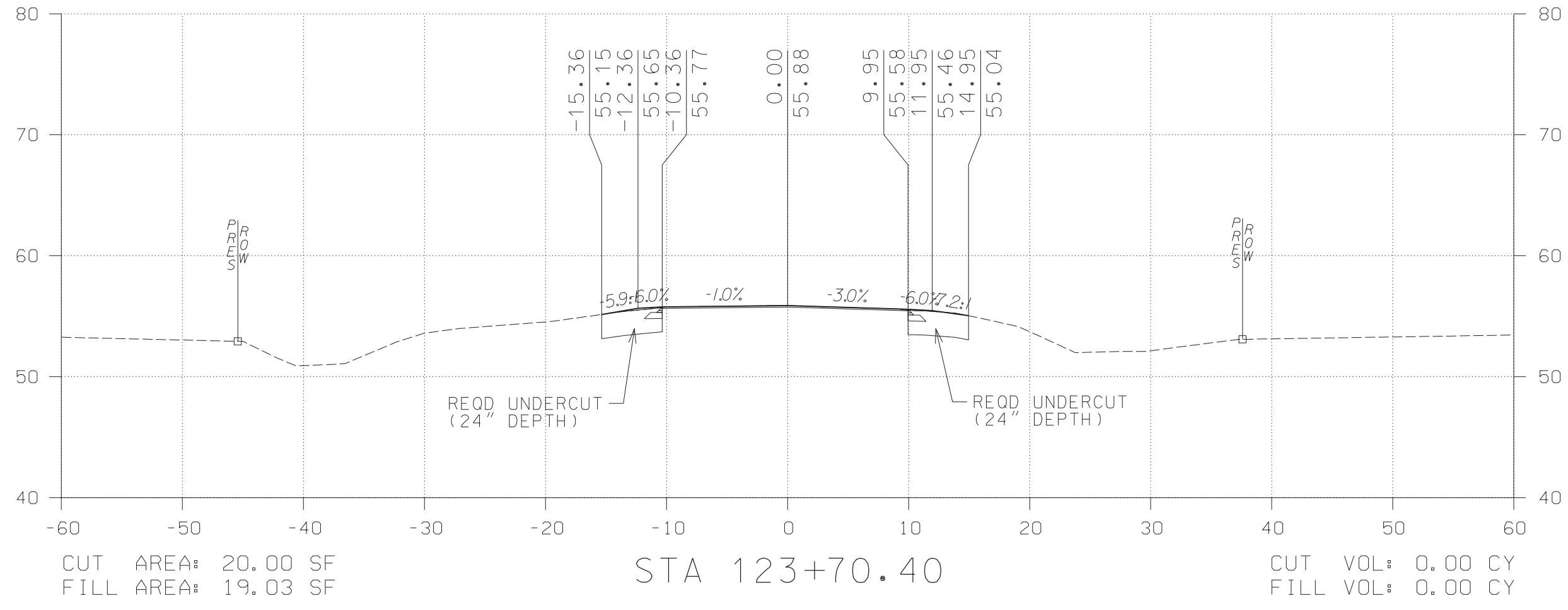
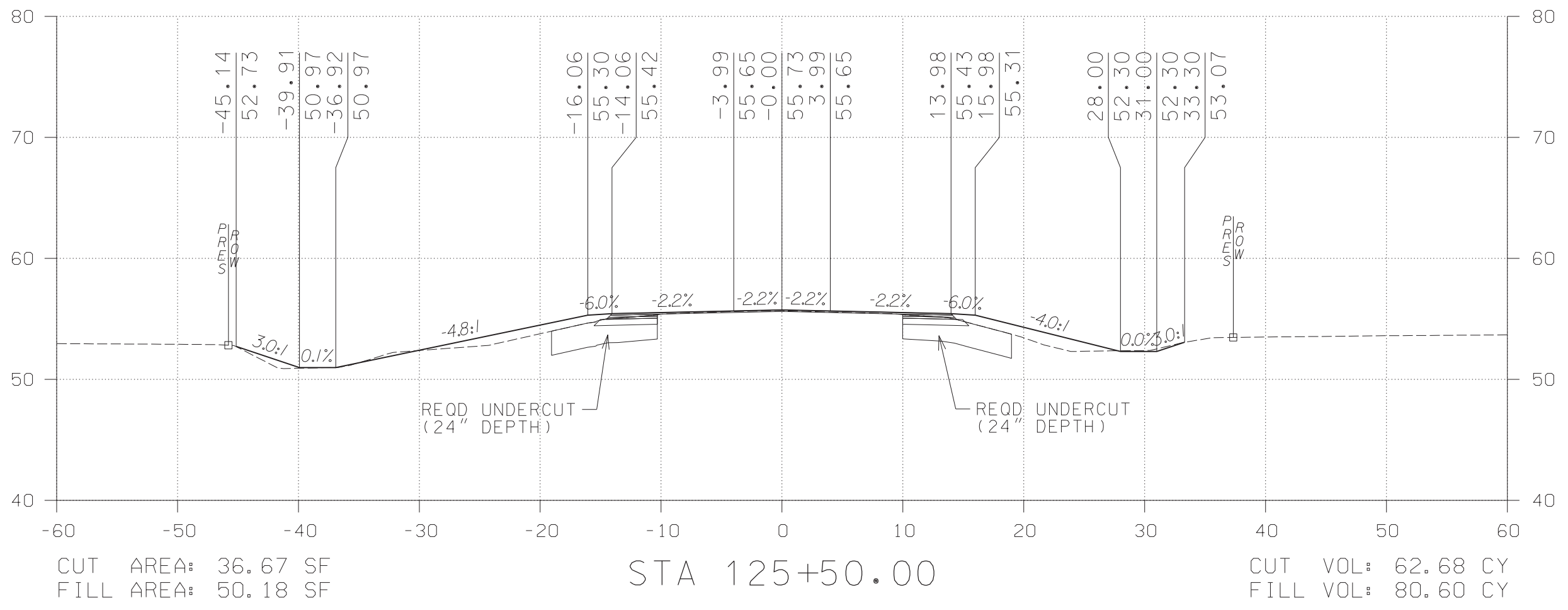
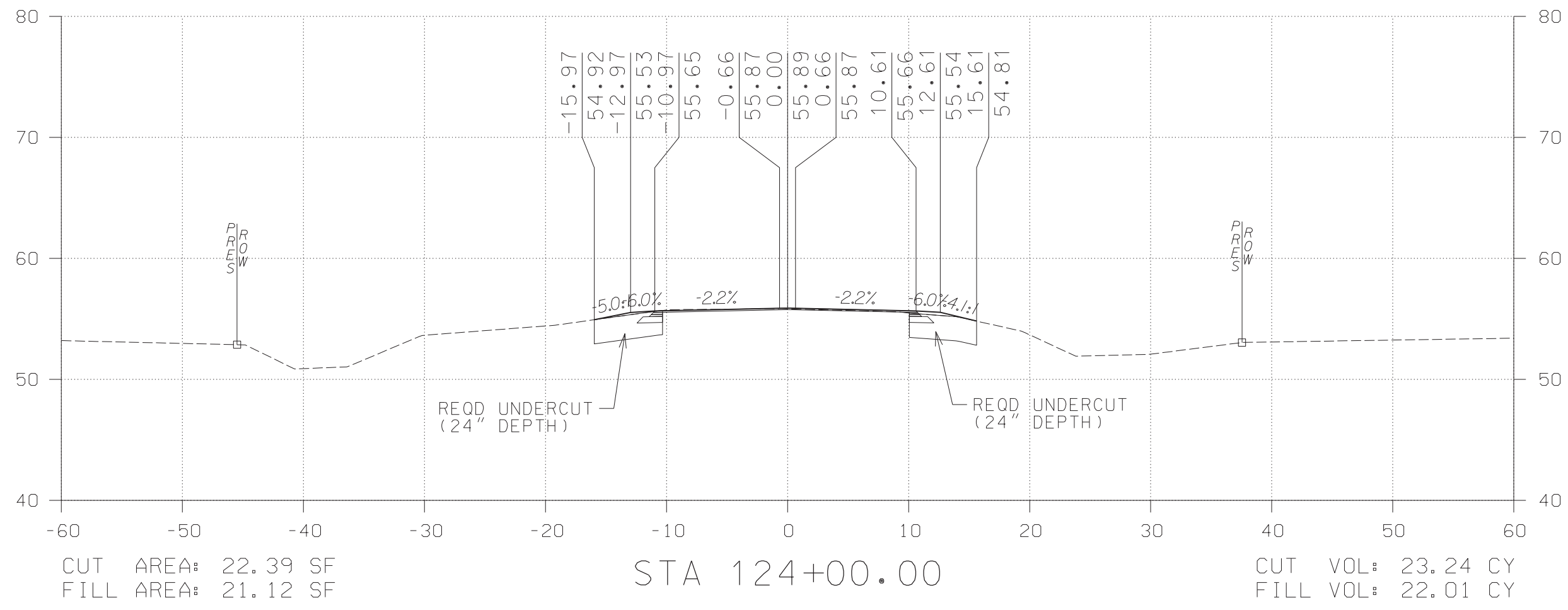
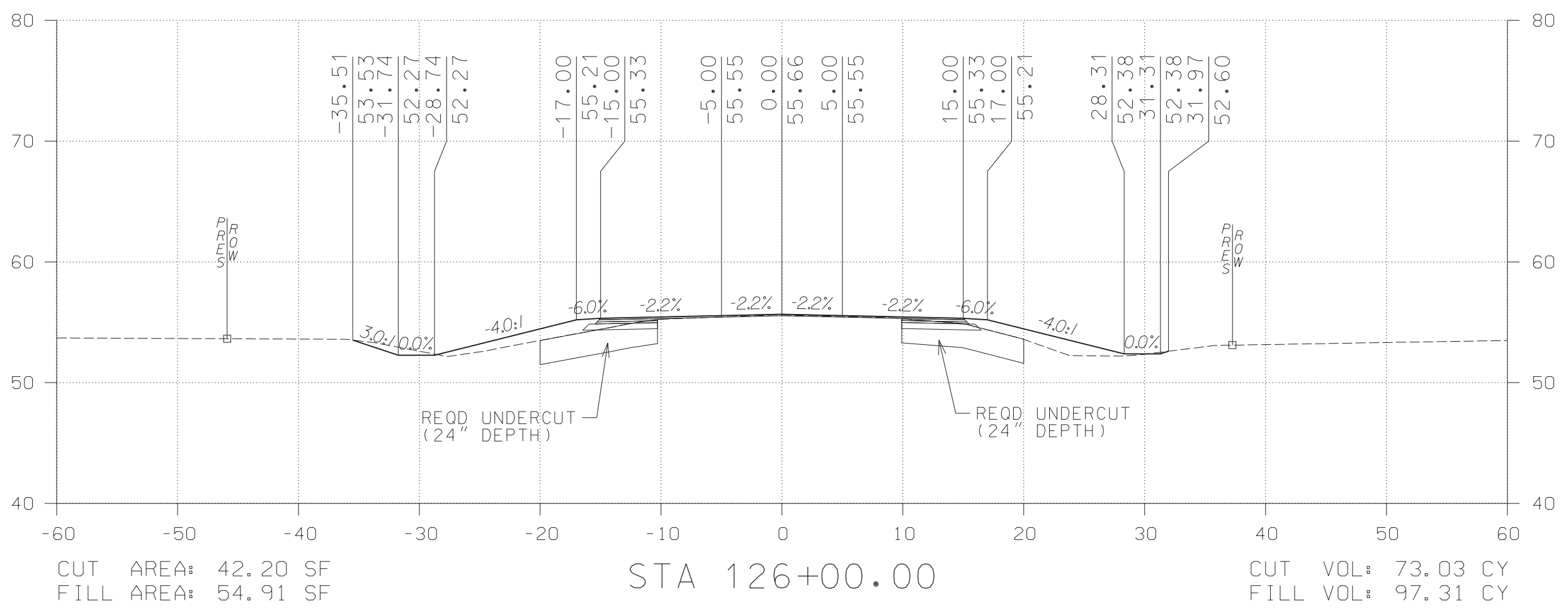
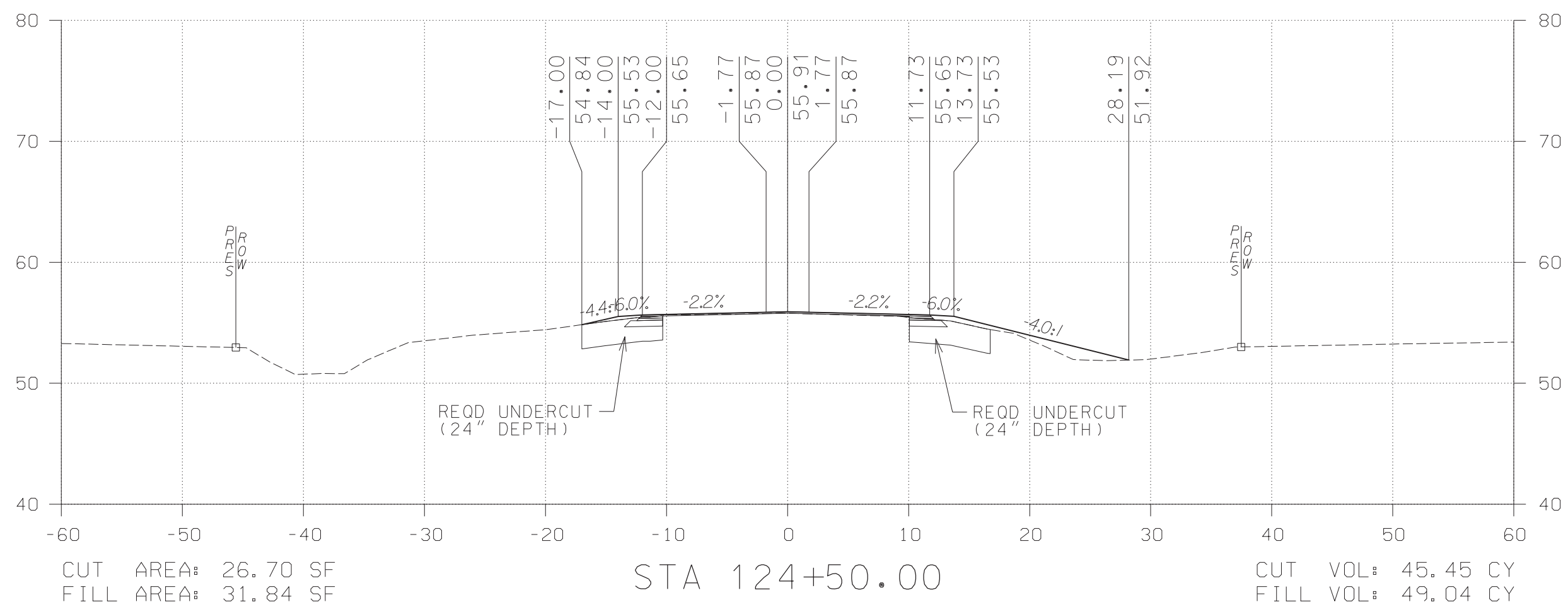
SHEET
TITLE

DESIGNED	CHECKED	DATE	01/31/2020	SHEET NUMBER	104
DETAILED	CHECKED	SCALE	1"=10'	PROJECT NUMBER	08.19.002
REVIEWED	CDW	ROUTE	FOLEY BEACH EXPRESS	SCALE	1"=10'
BY	REVISION OR CHANGE ORDER DESCRIPTION	NO.	DATE	SERIES NUMBER	5 OF 6




STA 280+50.00 TO STA 280+55.59, CL CONST FBE


<div><div>BKI</div><div>PROJECT HSIP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12</div></div>	SHEET NUMBER		105	
	DESIGNED	COUNTY	DATE	01/31/2020
	CHECKED	ROUTE	SCALE	1"=10'
	REVIEWED	PROJECT NUMBER	SERIES NUMBER	6 OF 6
CROSS SECTIONS		CDW	OB 19.002	
		REVISION OR CHANGE ORDER DESCRIPTION	BY	
NO.		DATE		
Foley				
400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12				



STA 123+70.40 TO STA 126+00.00, BL CR-12



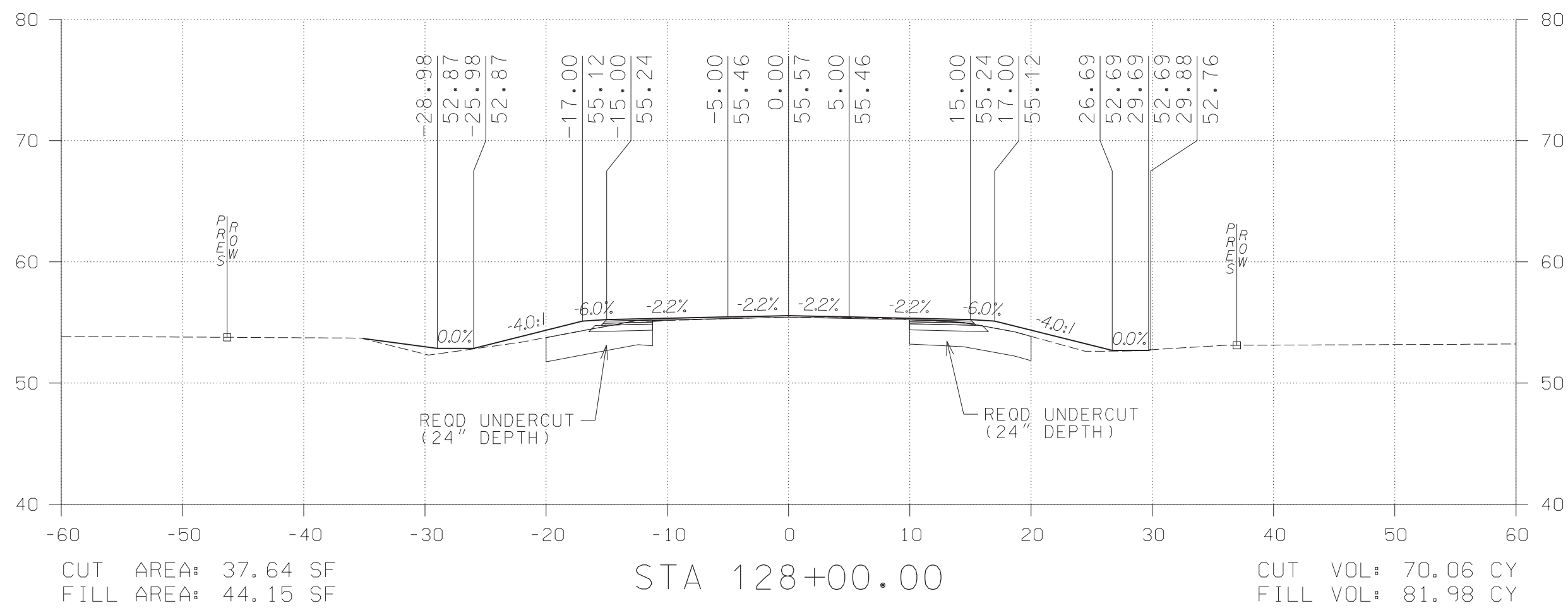
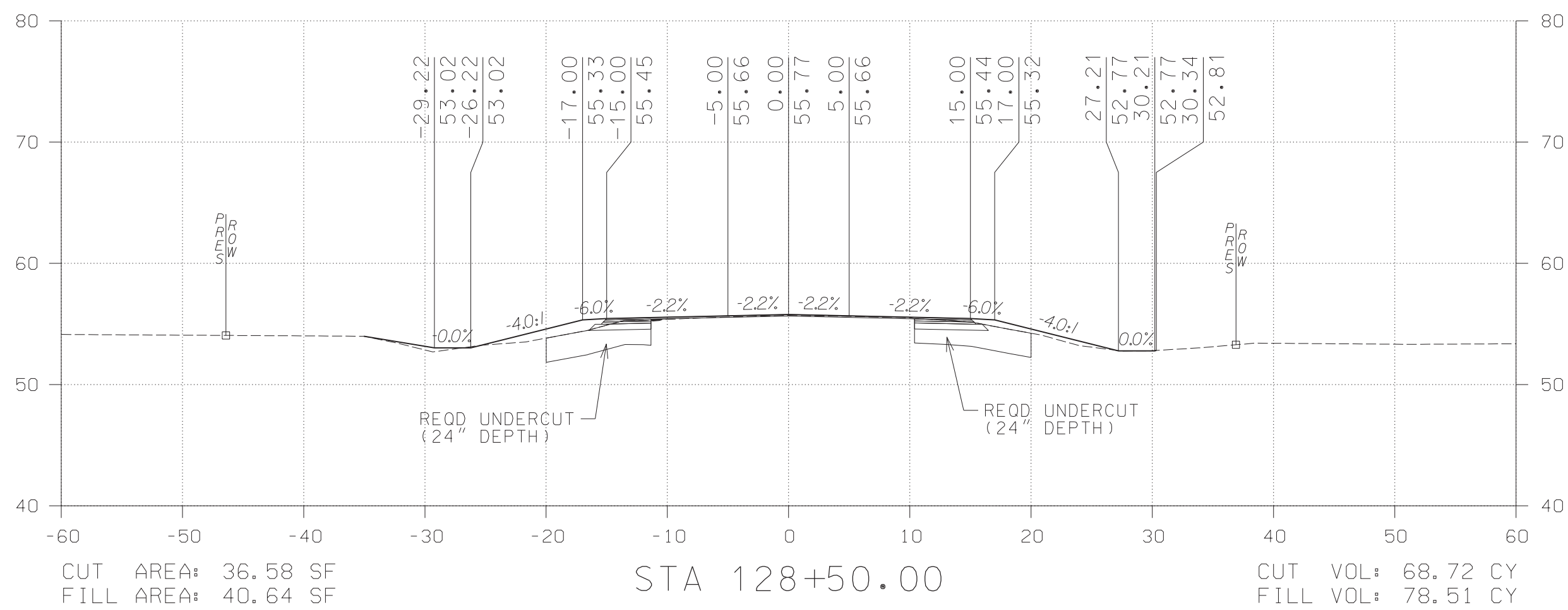
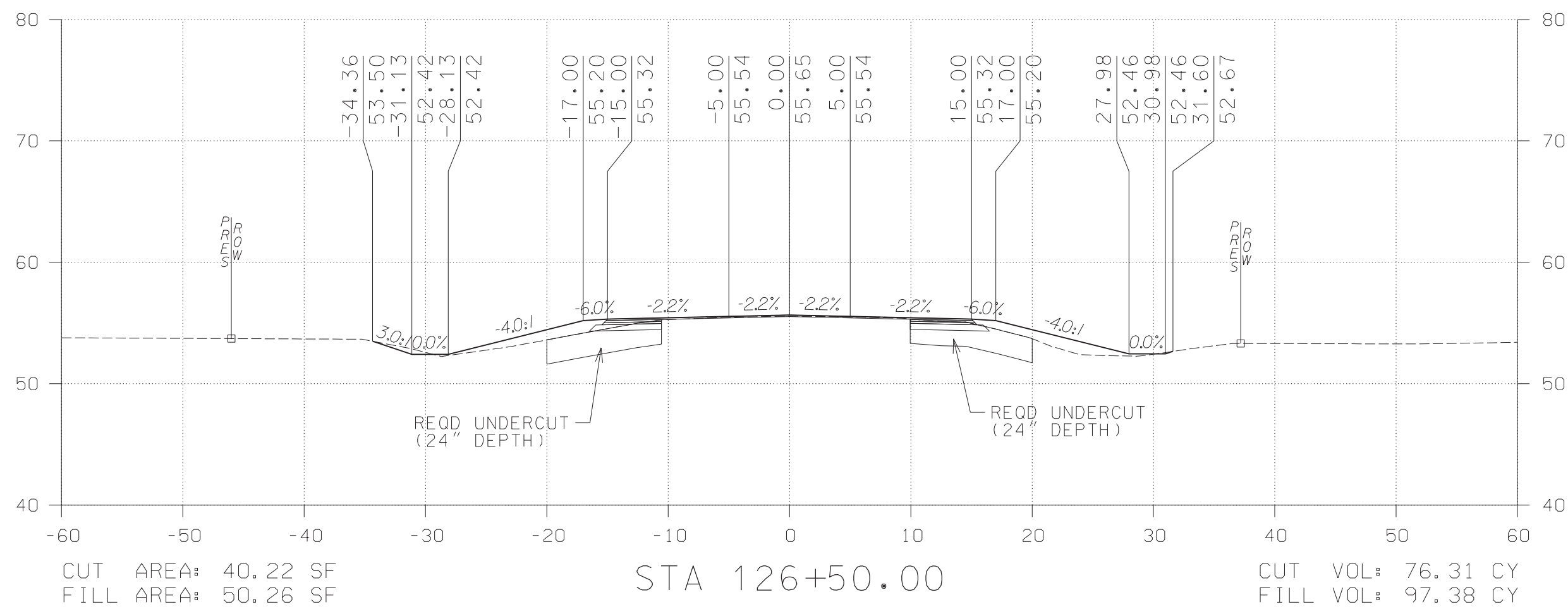
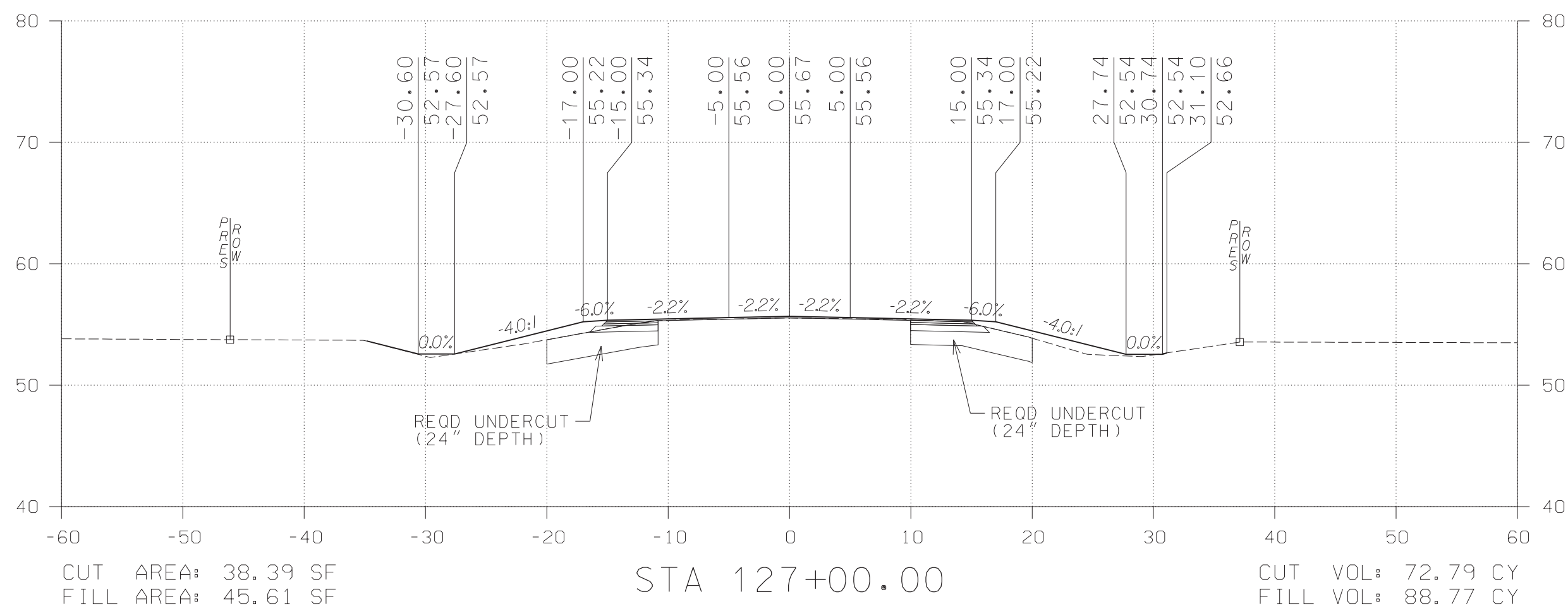
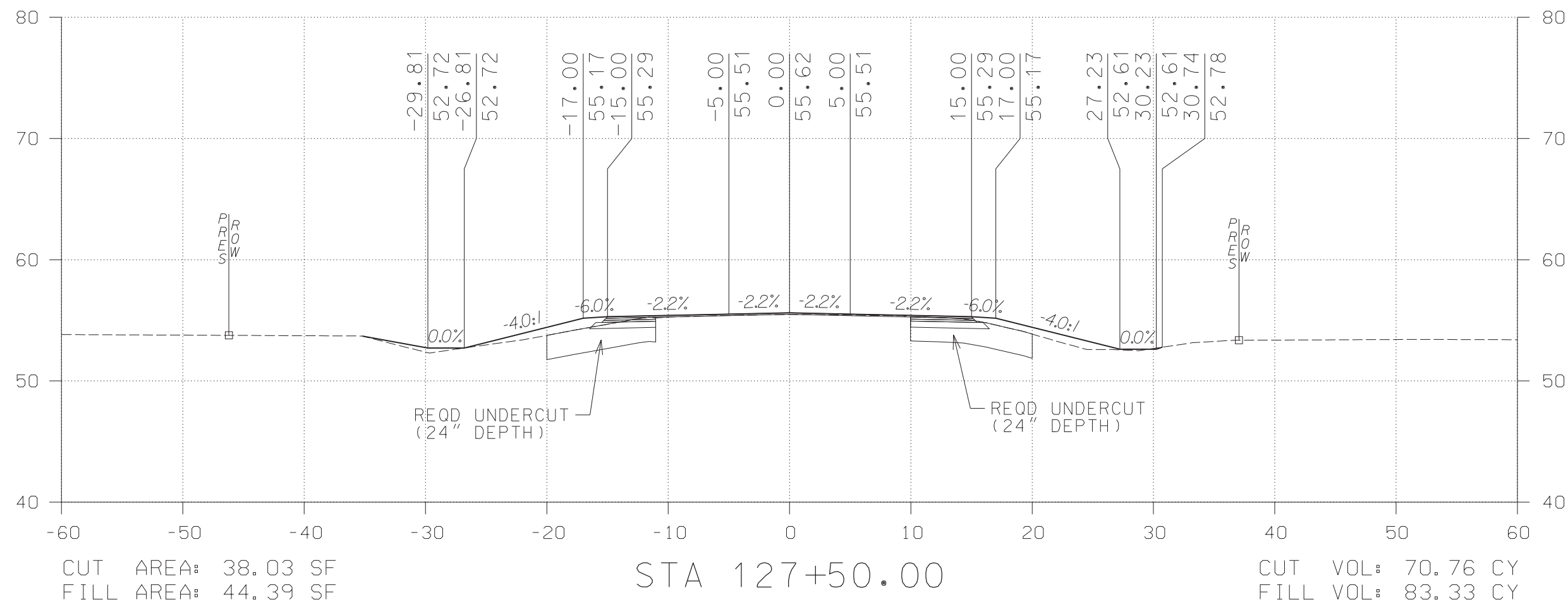
PROJECT HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12



400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

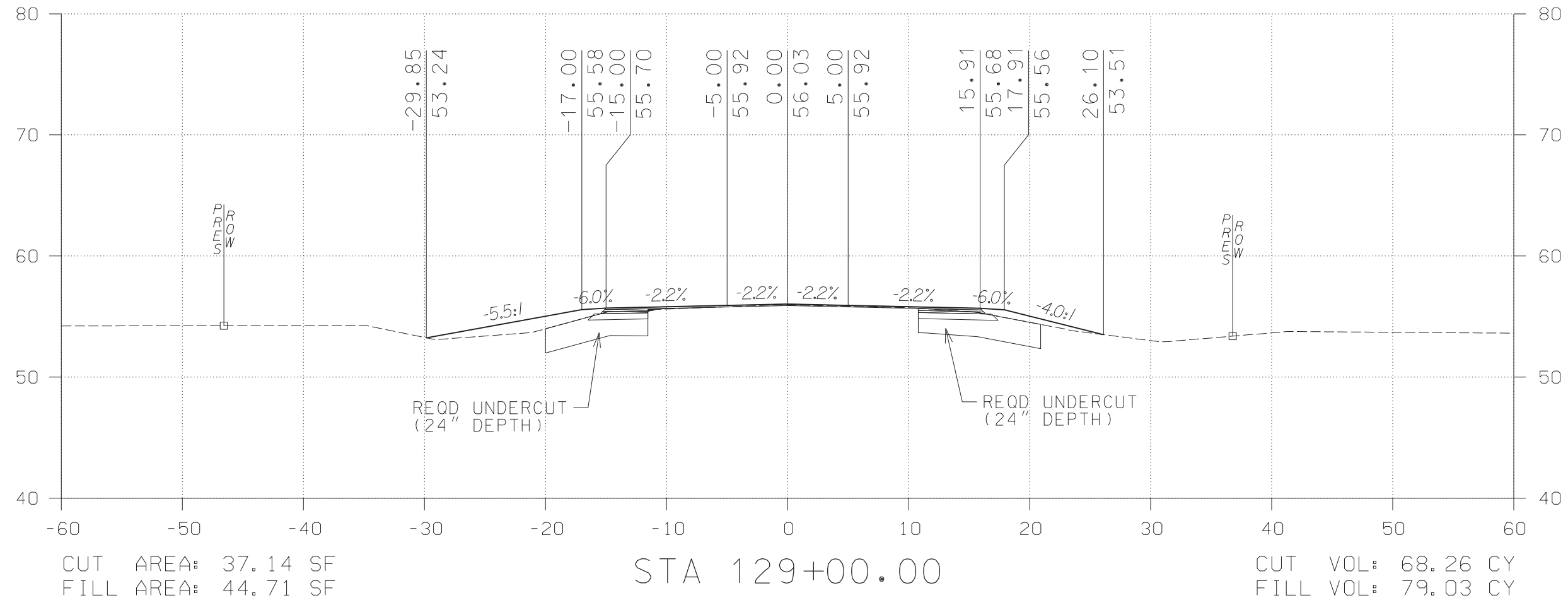
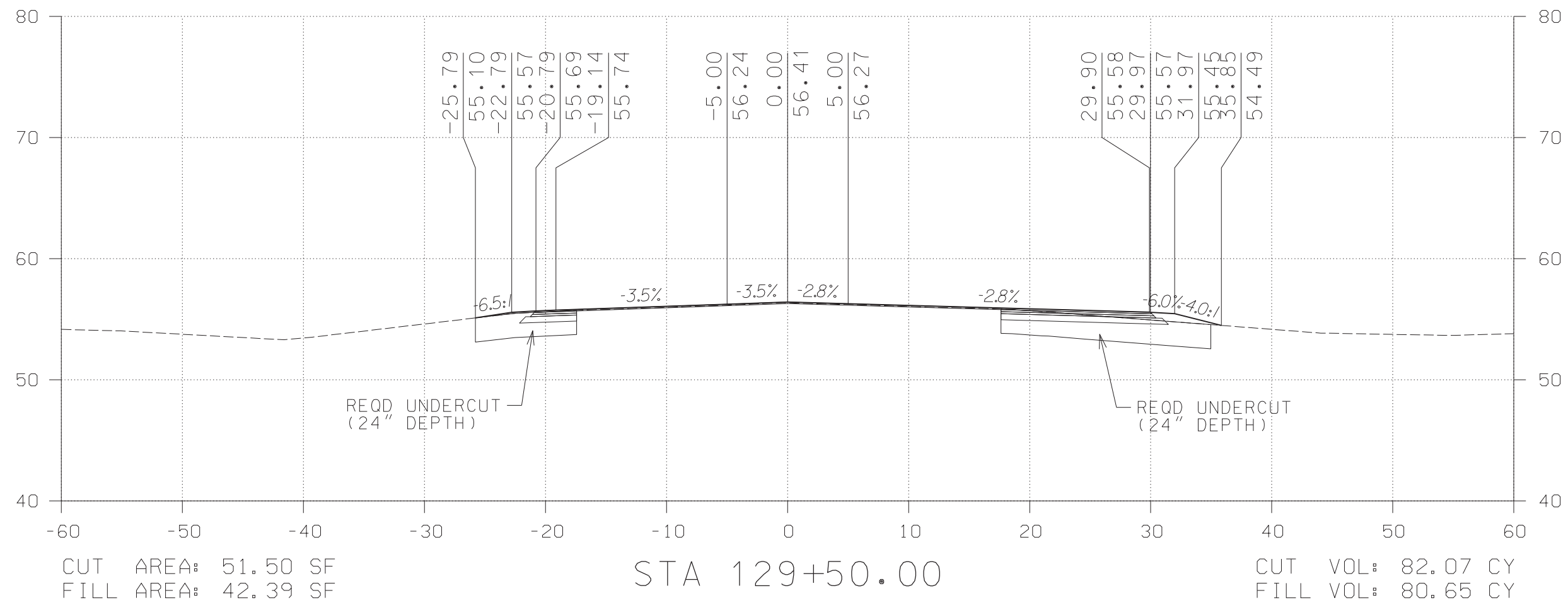
CROSS SECTIONS

SHEET NUMBER	106
DATE	01/31/2020
SCALE	1"=10'
SERIES NUMBER	1 OF 3
COUNTY	BALDWIN
ROUTE	FOLEY BEACH EXPRESS
PROJECT NUMBER	08.19.002
CDW	REVIEWED
BY	REVISION OR CHANGE ORDER DESCRIPTION
NO.	DATE





STA 126+50.00 TO STA 128+50.00, BL CR-12

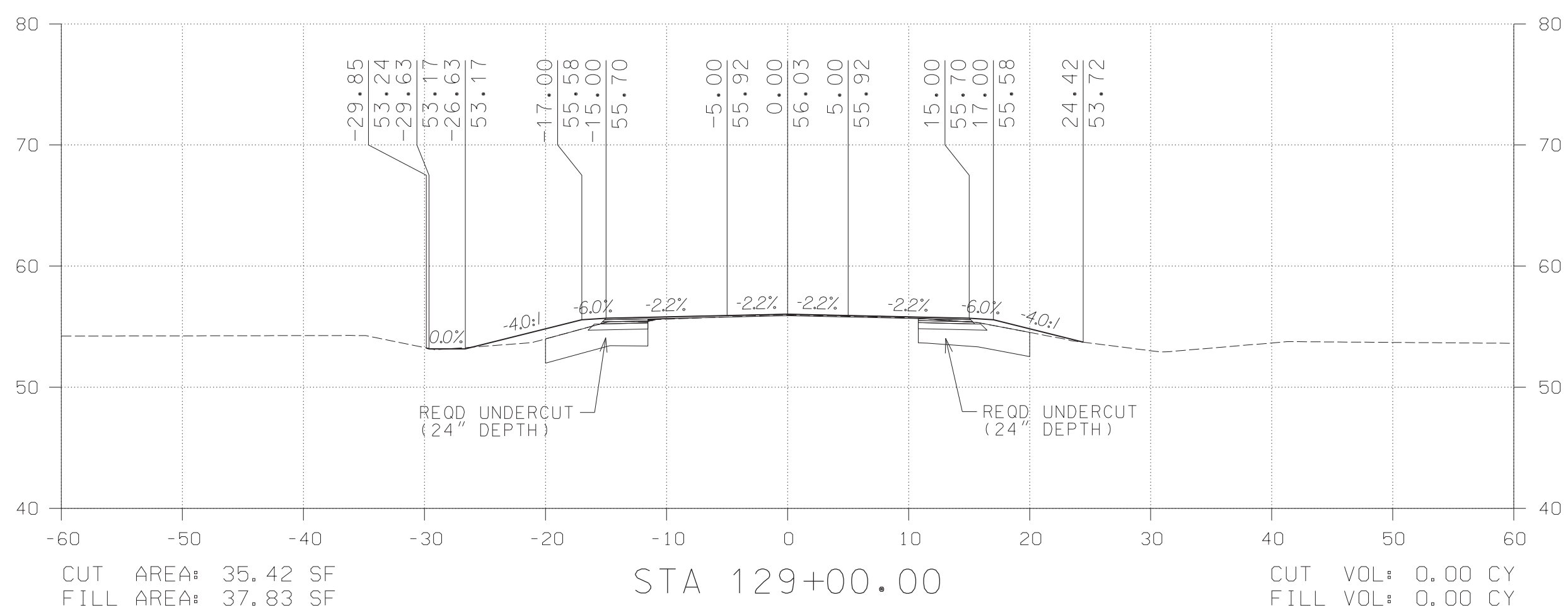
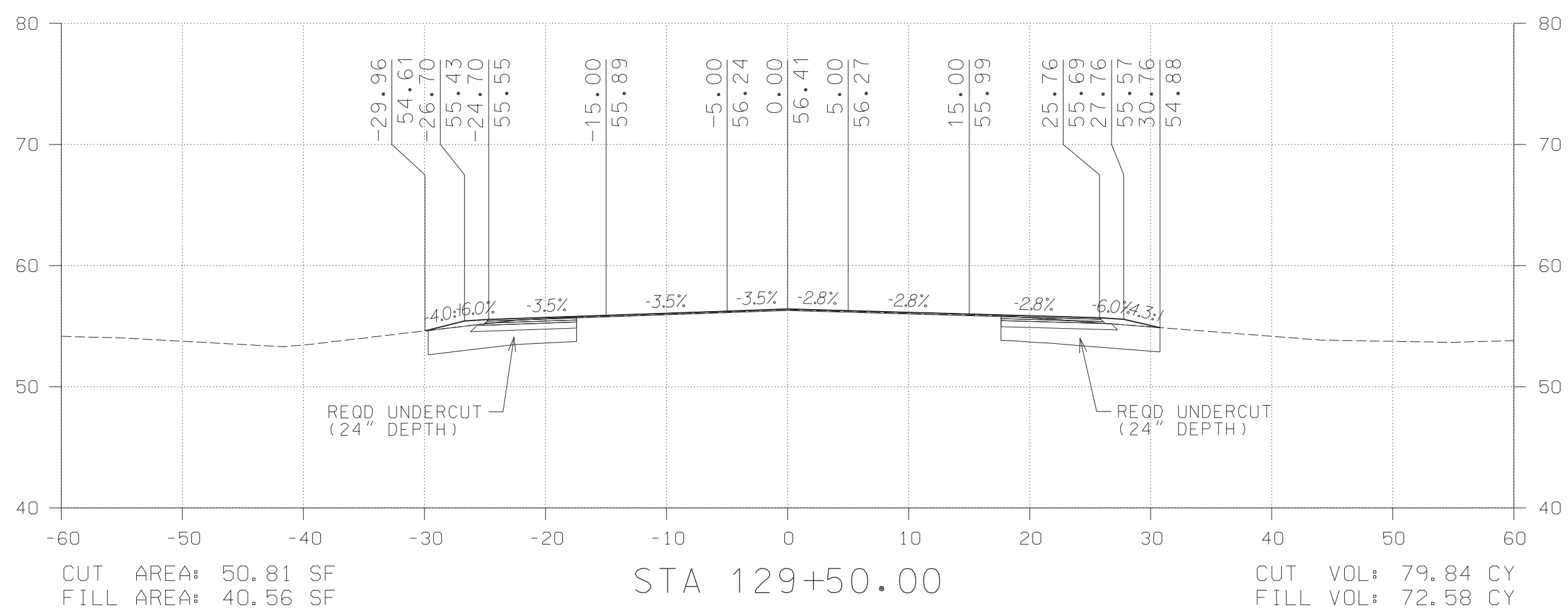
<div><div><div>BKI</div></div><div><div>HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12</div><div>400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12</div></div></div>	PROJECT		CROSS SECTIONS		SHEET TITLE		




STA 129+00.00 TO STA 129+50.00, BL CR-12

<div></div> <div>PROJECT</div> <div>HSP-0219(250)</div> <div>CONSTRUCT OFFSET LEFT</div> <div>TURN LANES ON FOLEY BEACH</div> <div>EXPRESS AT CR-12</div> <div>&</div> <div>400-3020-5139</div> <div>INTERSECTION</div> <div>IMPROVEMENTS ON FOLEY</div> <div>BEACH EXPRESS AT CR-12</div>	<div></div>										SHEET NUMBER	108
	SHEET TITLE	CROSS SECTIONS	NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	DESIGNED	CHECKED	COUNTY	BALDWIN	DATE	01/31/2020

400-3020-5139
ADDITIVE ALTERNATE NO. 1




ADDITIVE ALTERNATE NO. 1: STA 129+00.00 TO STA 129+50.00, BL CR-12



PROJECT
HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

400-3020-5139
INTERSECTION
& IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

CROSS SECTIONS



DESIGNED
CHECKED
DETAILED
CHECKED

NO. DATE

REVISION OR CHANGE ORDER DESCRIPTION

BY

COUNTY
BALDWIN

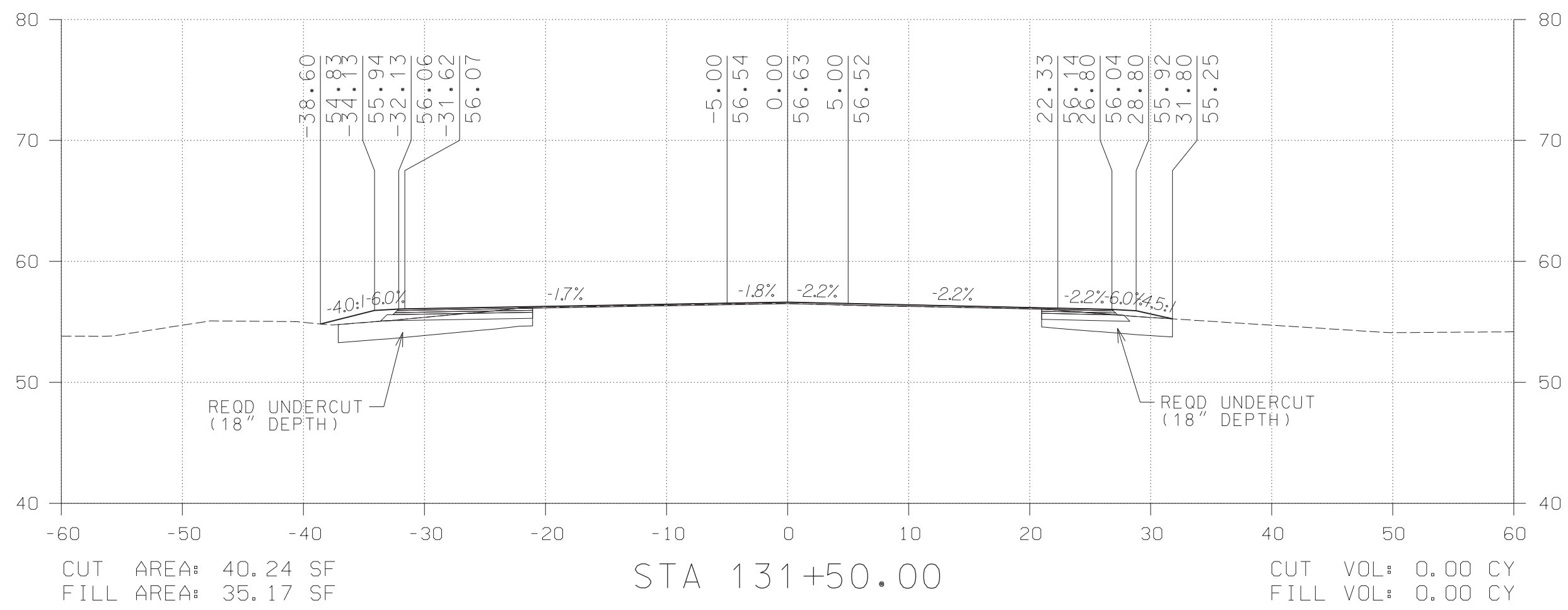
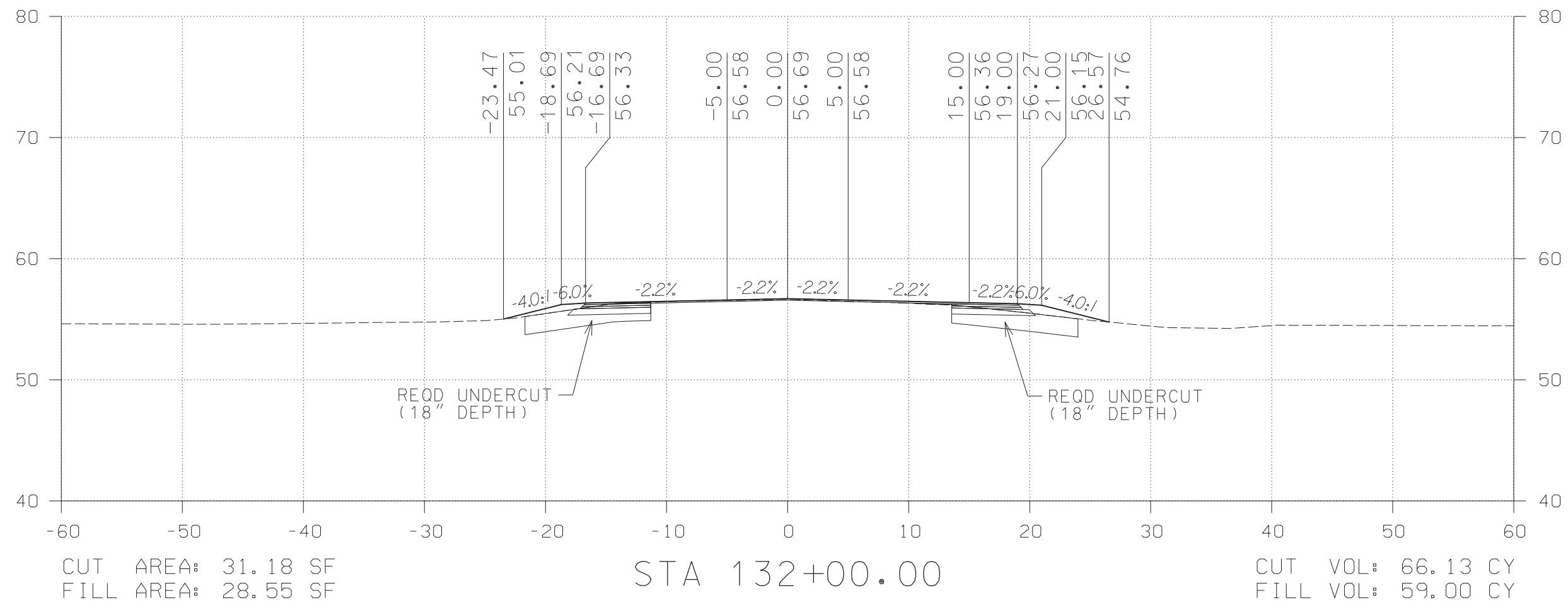
ROUTE
FOLEY BEACH
EXPRESS

PROJECT
NUMBER
08.19.002


DATE
01/31/2020

SCALE
1"=10'

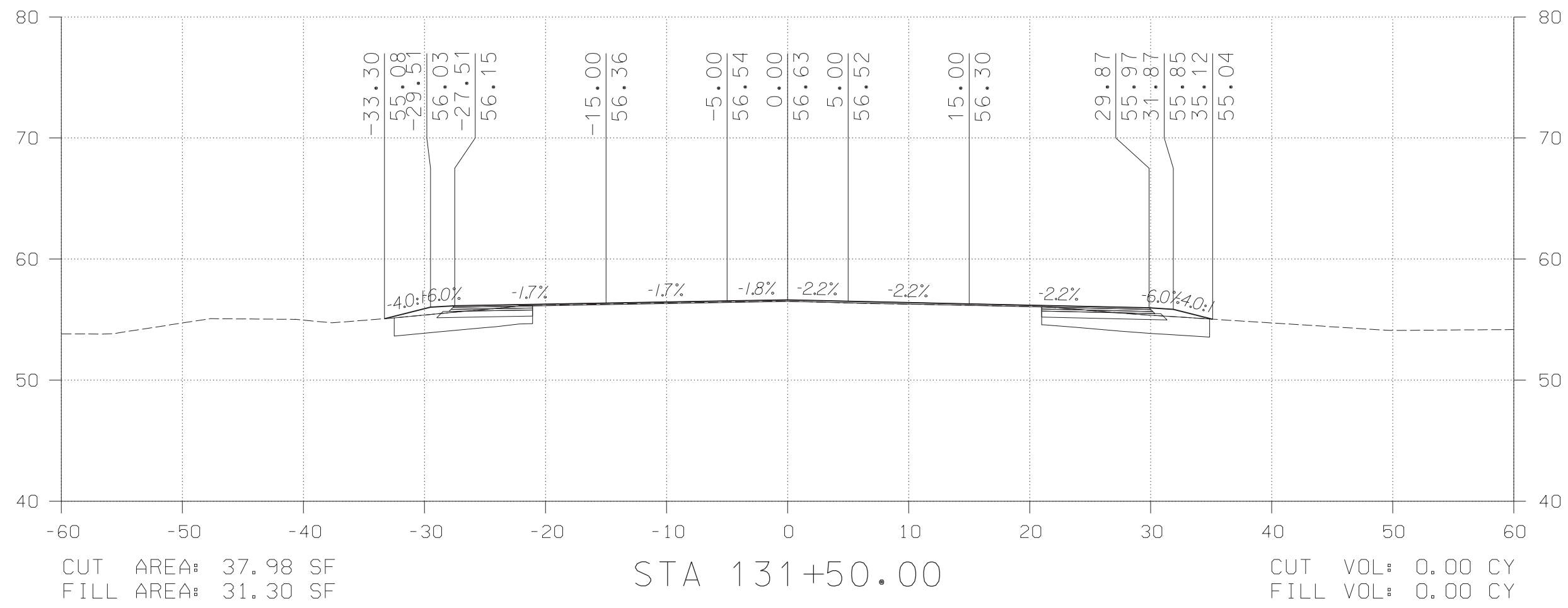
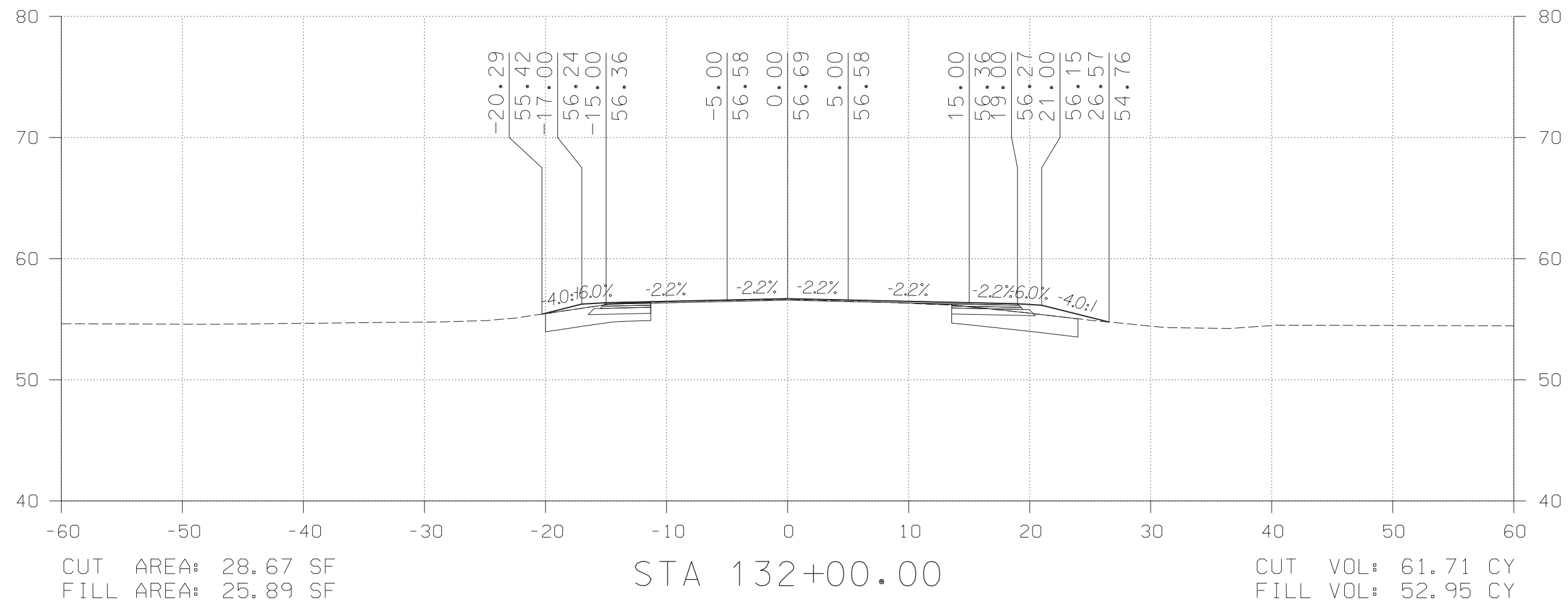
SHEET
NUMBER
1 OF 1




STA 131+50.00 TO STA 132+00.00, BL CR-12

	PROJECT		HSP-0219(250)		400-3020-5139		CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		CROSS SECTIONS	
	SHEET		TITLE		NO.		DATE		REVISION OR CHANGE ORDER DESCRIPTION		BY	
	DESIGNED		CHECKED		COUNTY		BALDWIN		FOLEY BEACH EXPRESS		SCALE	
	SHEET NUMBER		DATE		ROUTE		PROJECT NUMBER		SERIES NUMBER		1 OF 1	

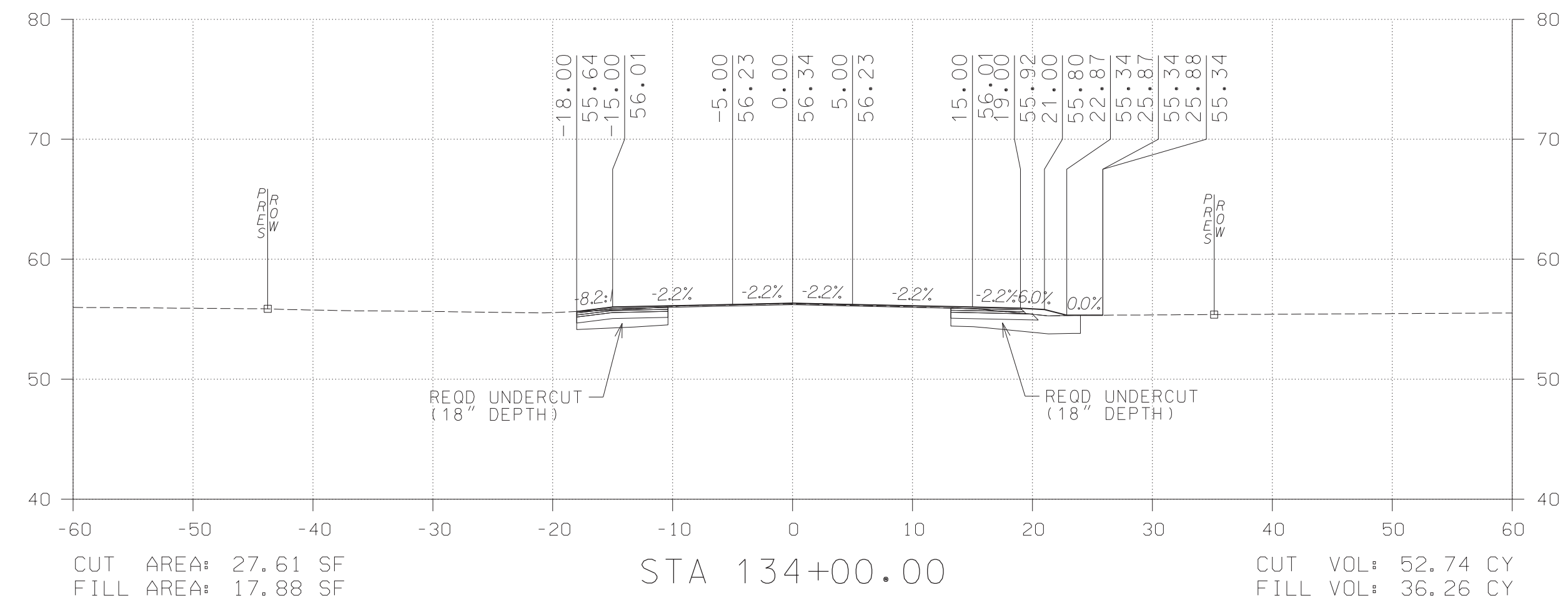
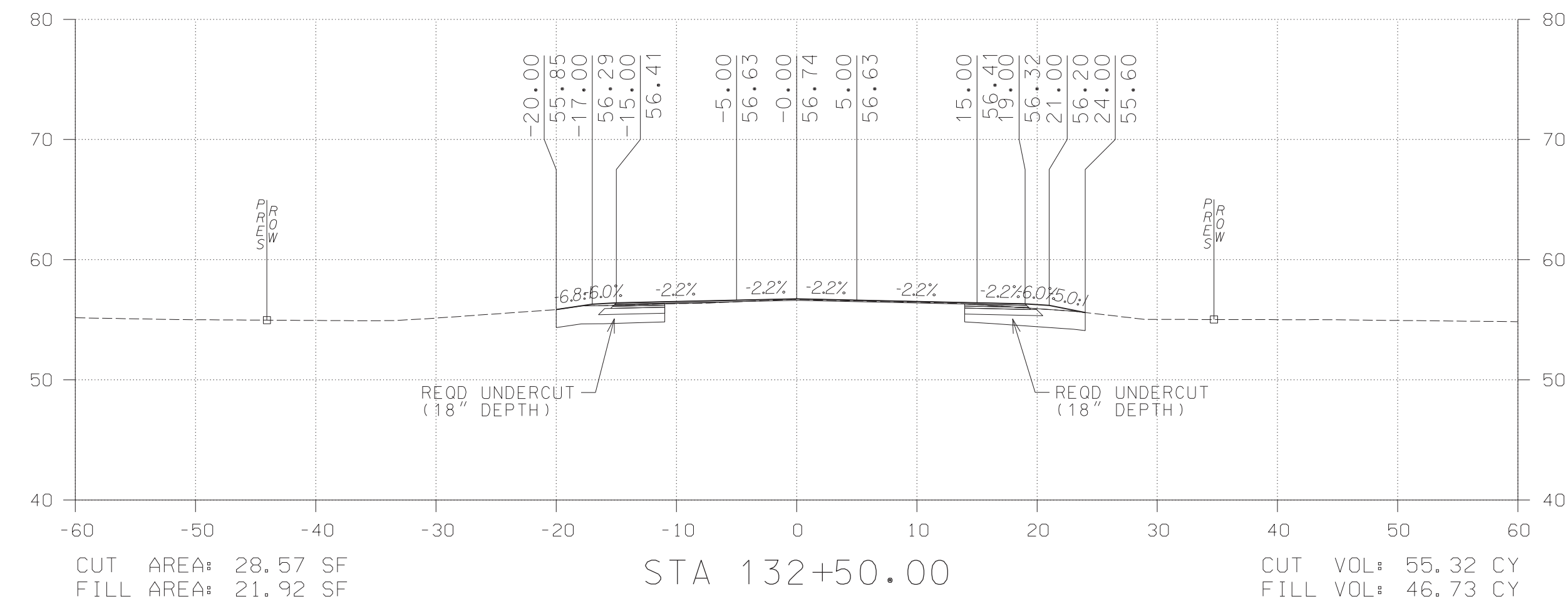
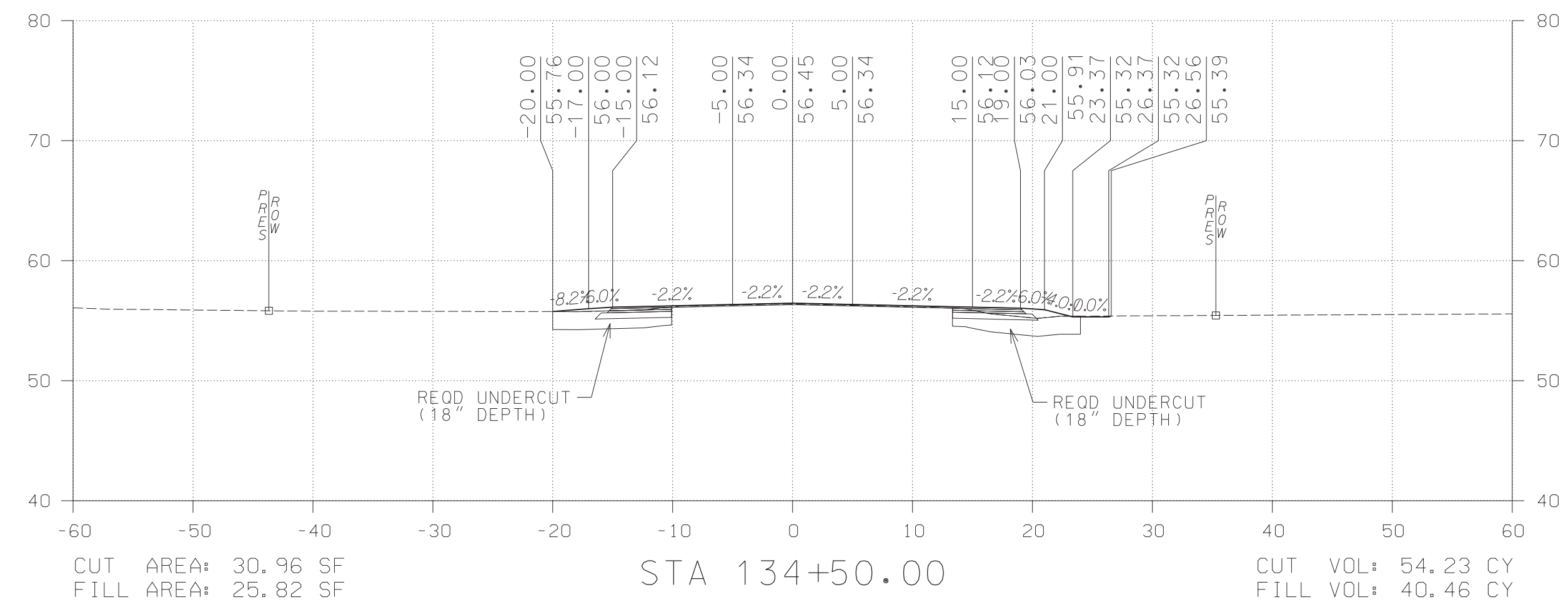
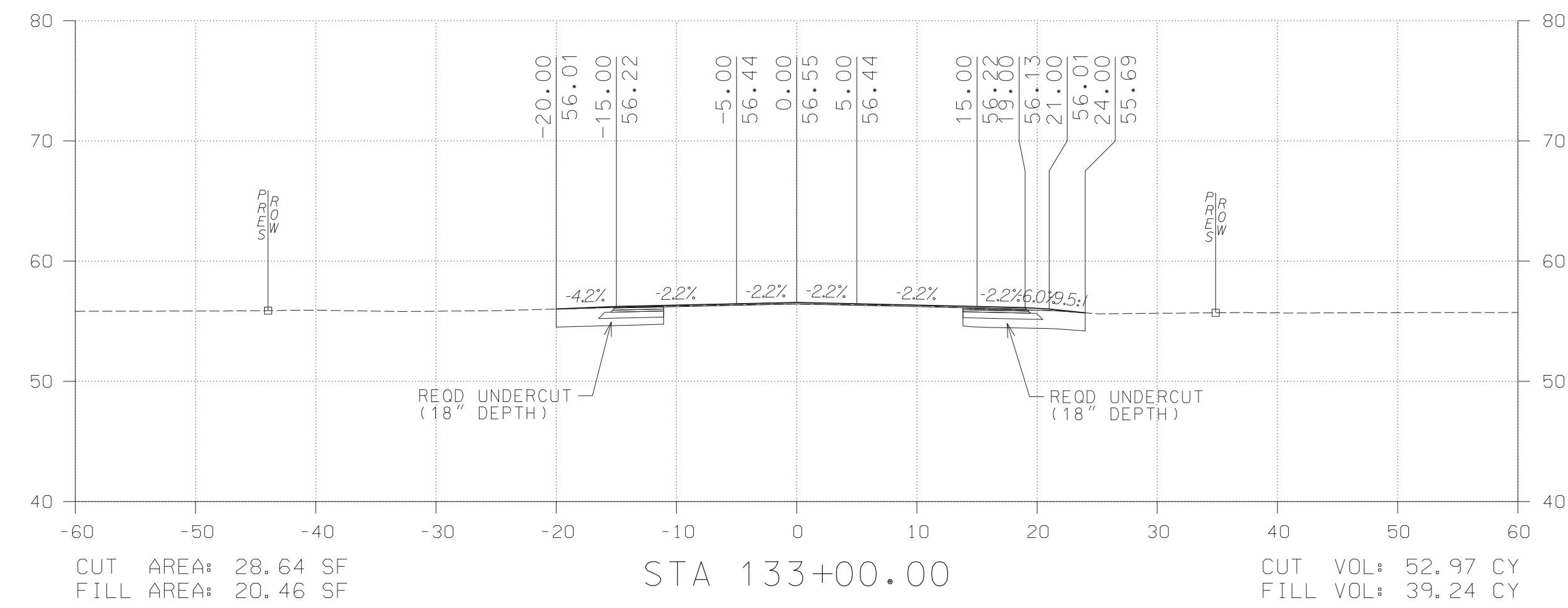
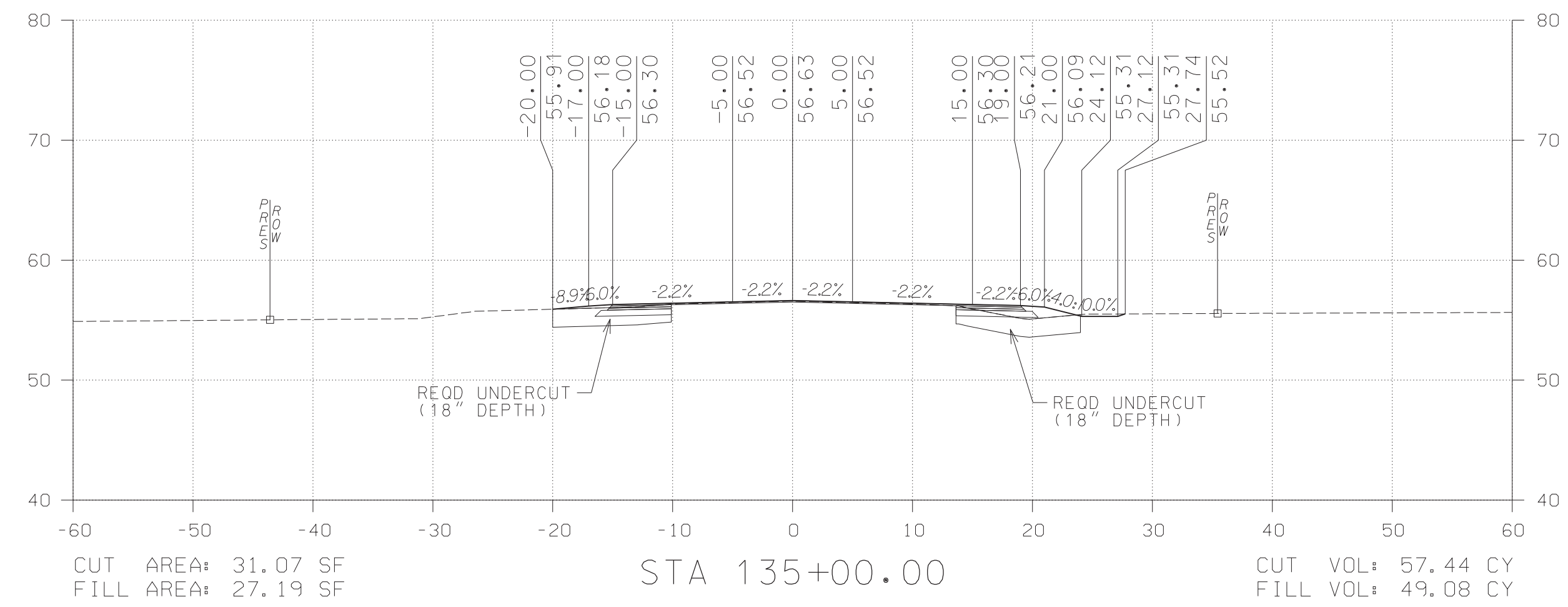
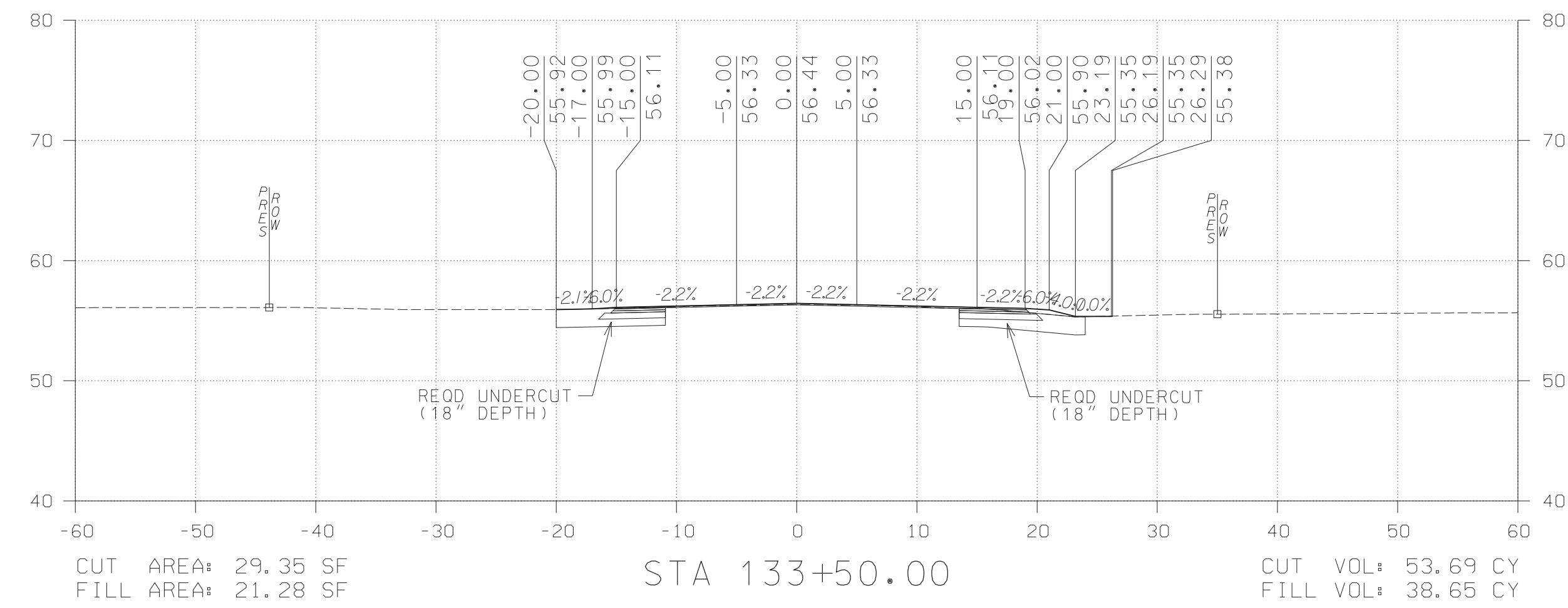
400-3020-5139
ADDITIVE ALTERNATE NO. 1



ADDITIVE ALTERNATE NO. 1: STA 131+50.00 TO STA 132+00.00, BL CR-12

	PROJECT										HSP-0219(250)										400-3020-5139										INTERSECTION										IMPROVEMENTS ON FOLEY										BEACH EXPRESS AT CR-12																																							
	CONSTRUCT OFFSET LEFT										TURN LANES ON FOLEY BEACH										EXPRESS AT CR-12										CROSS SECTIONS										SHEET										TITLE																																							
	DESIGNED										CHECKED										BALDWIN										FOLEY BEACH										EXPRESS										REVIEWED										CDW										PROJECT										NUMBER									
	NO.										DATE										REVISION OR CHANGE ORDER DESCRIPTION										BY										SHEET										NUMBER																																							
111										01/31/2020										1"=10'										08.19.002										1 OF 1										111																																								

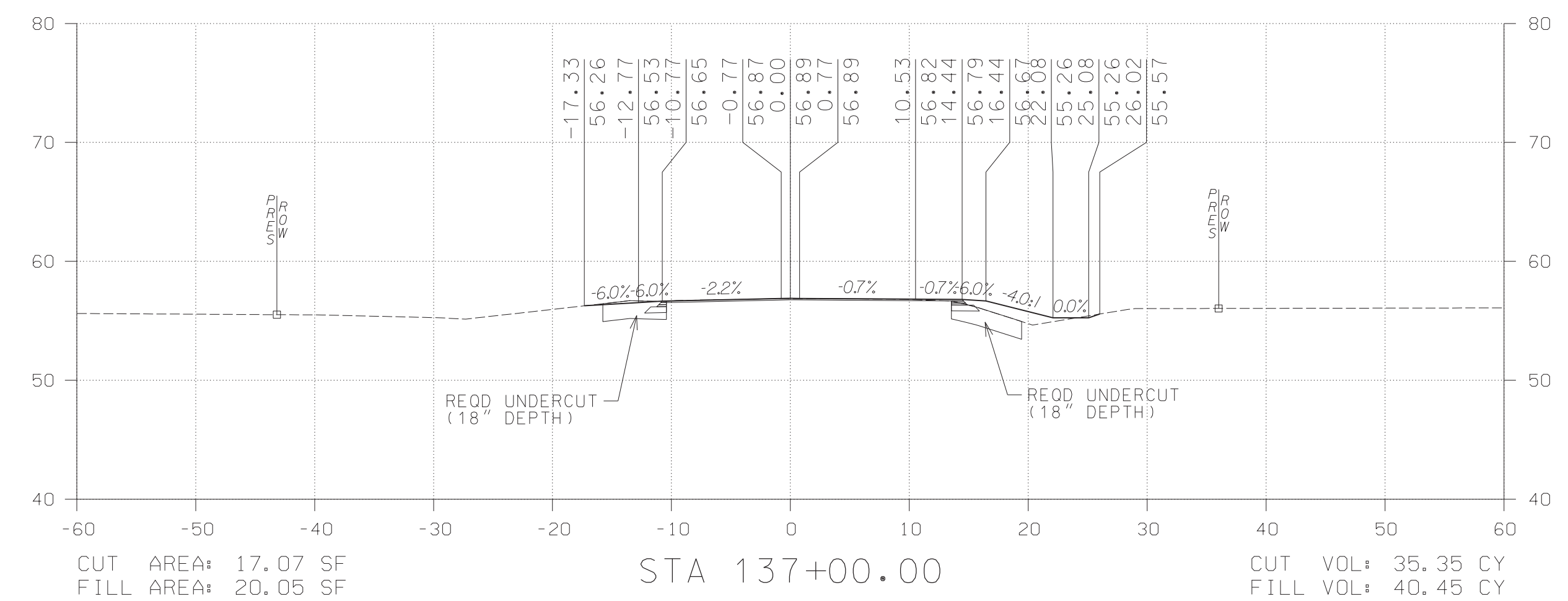
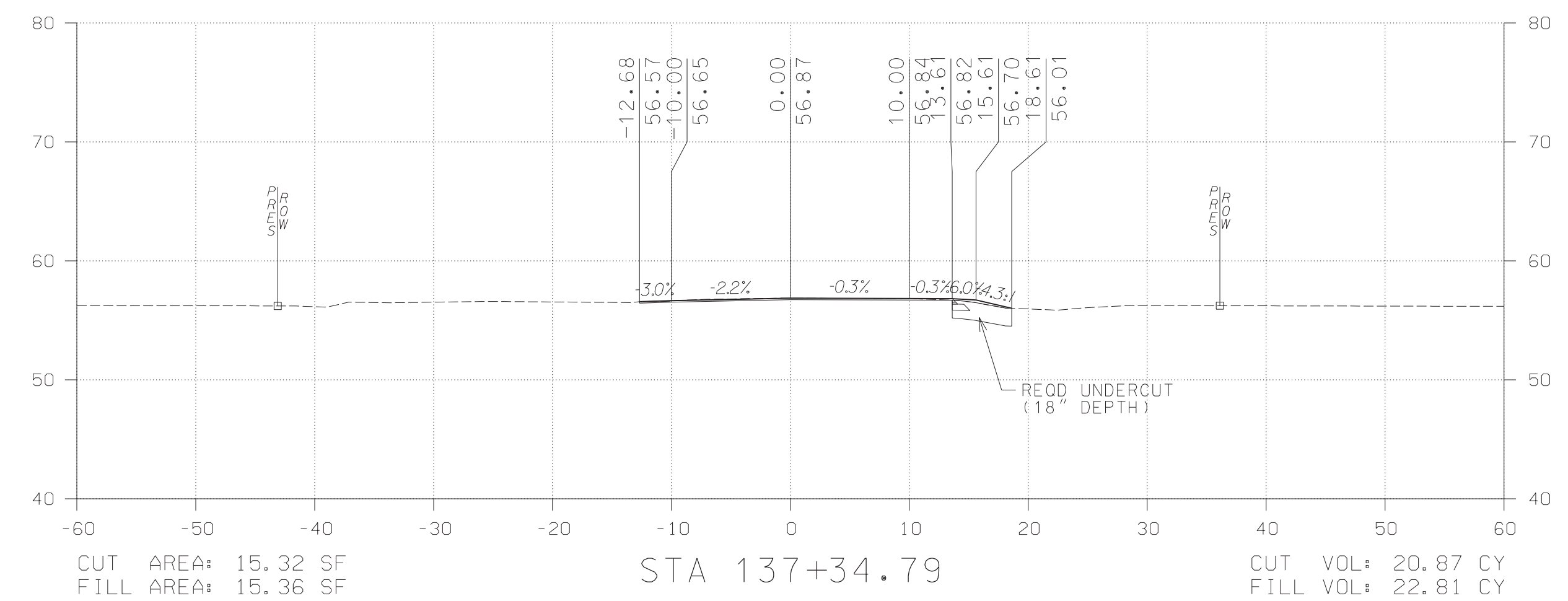
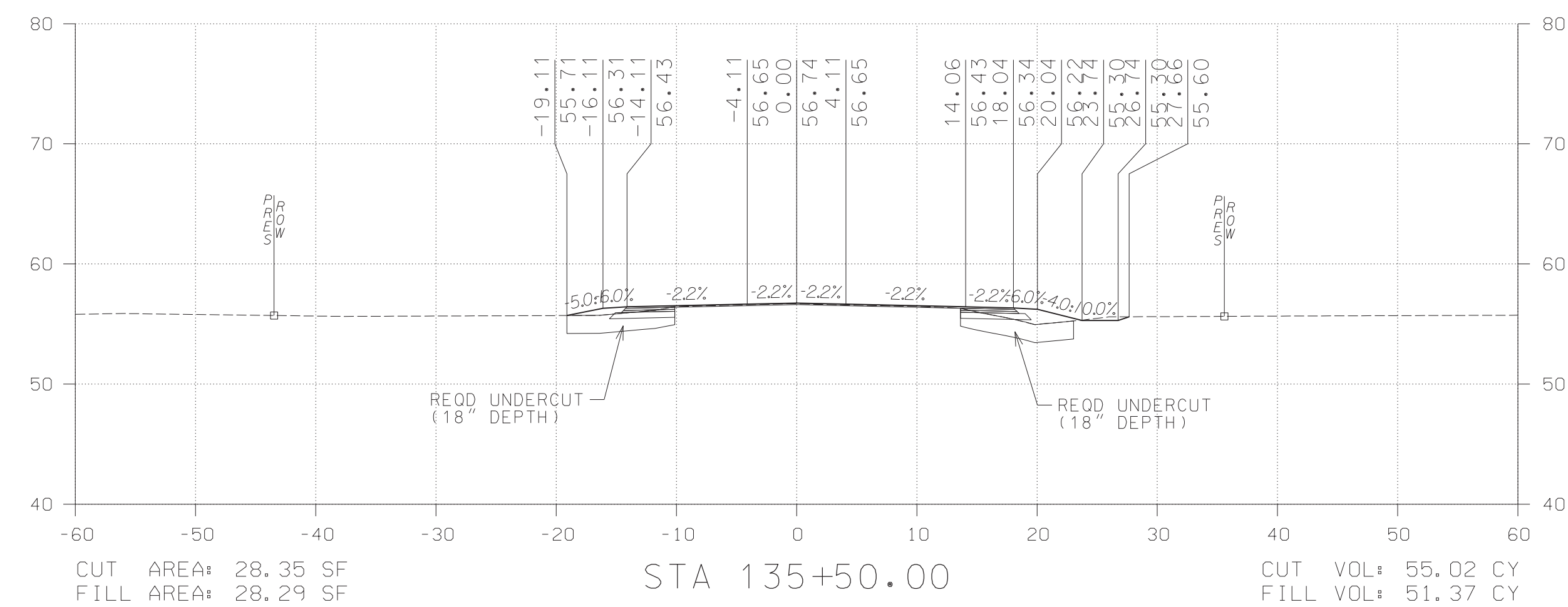
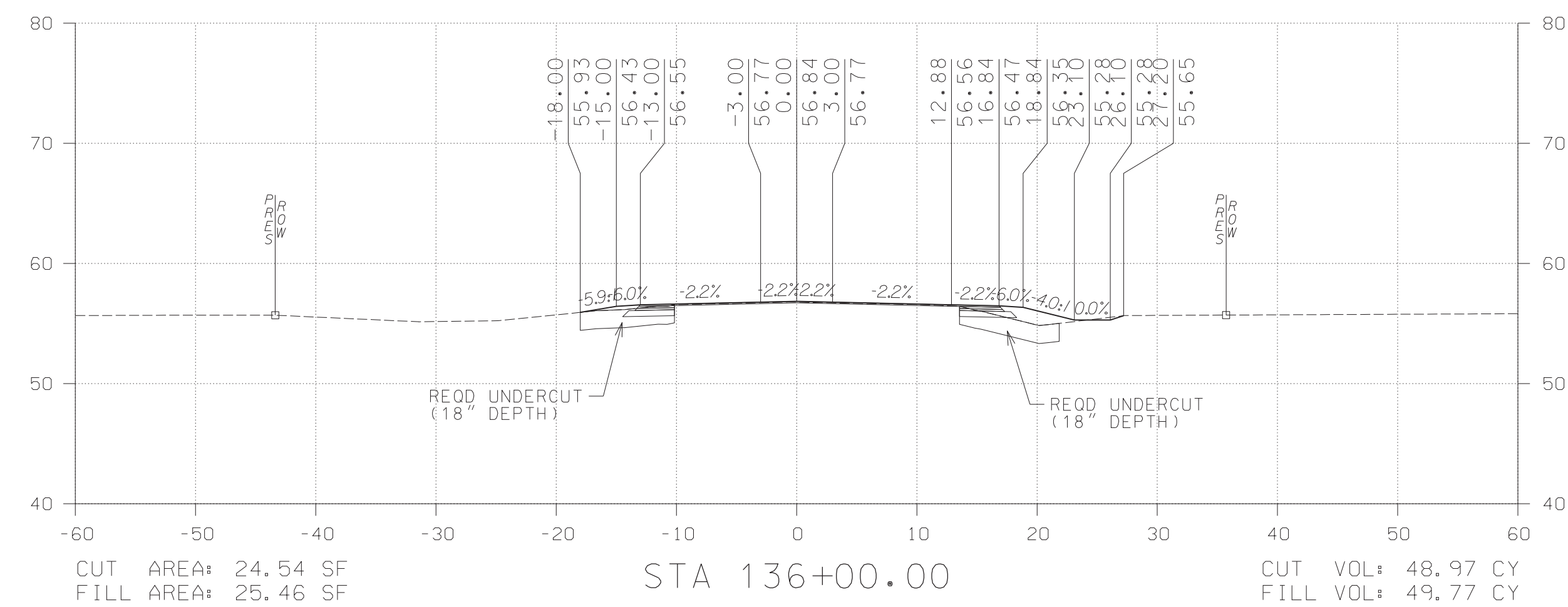
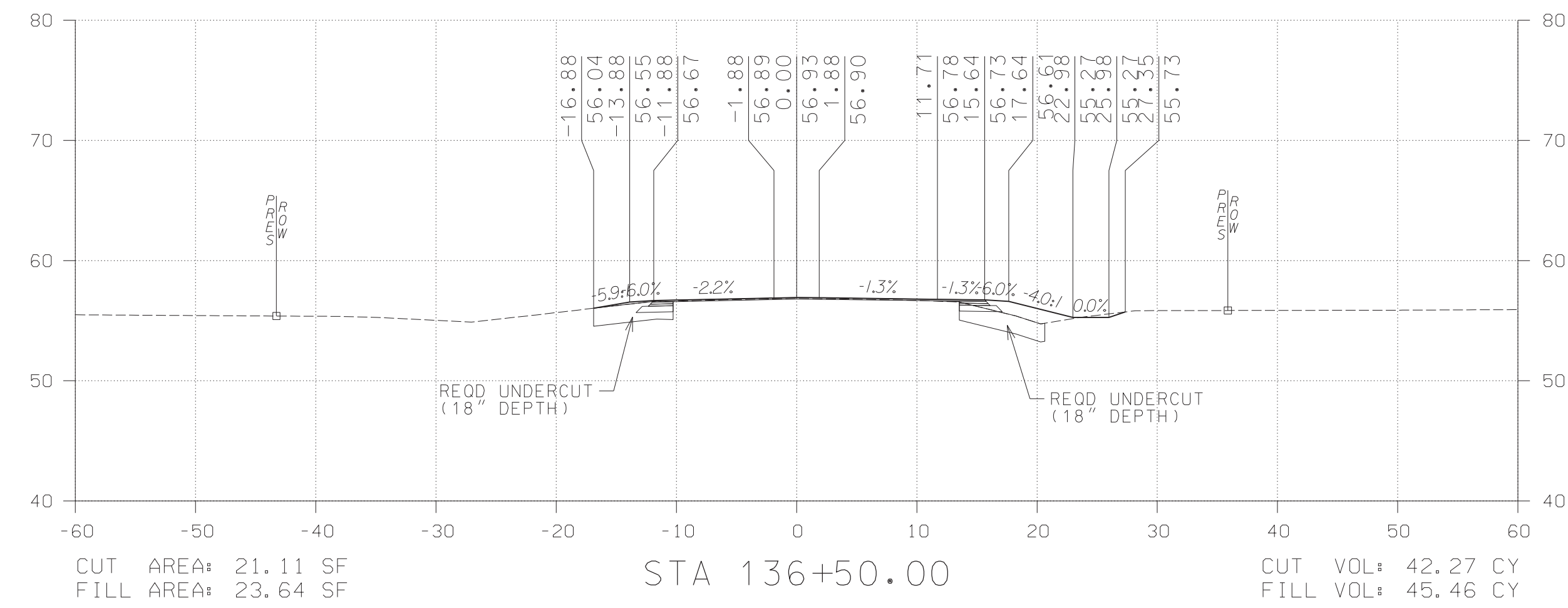
400-3020-5139



STA 132+50.00 TO STA 135+00.00, BL CR-12

[illegible]

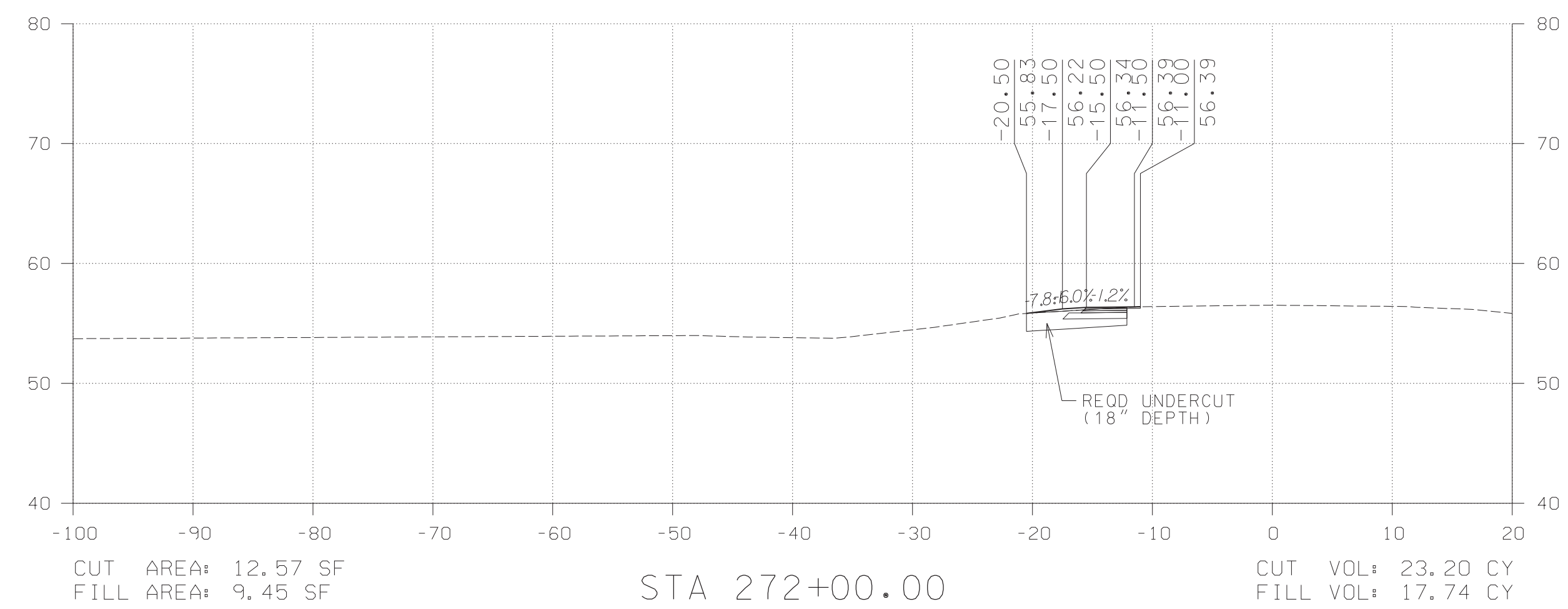
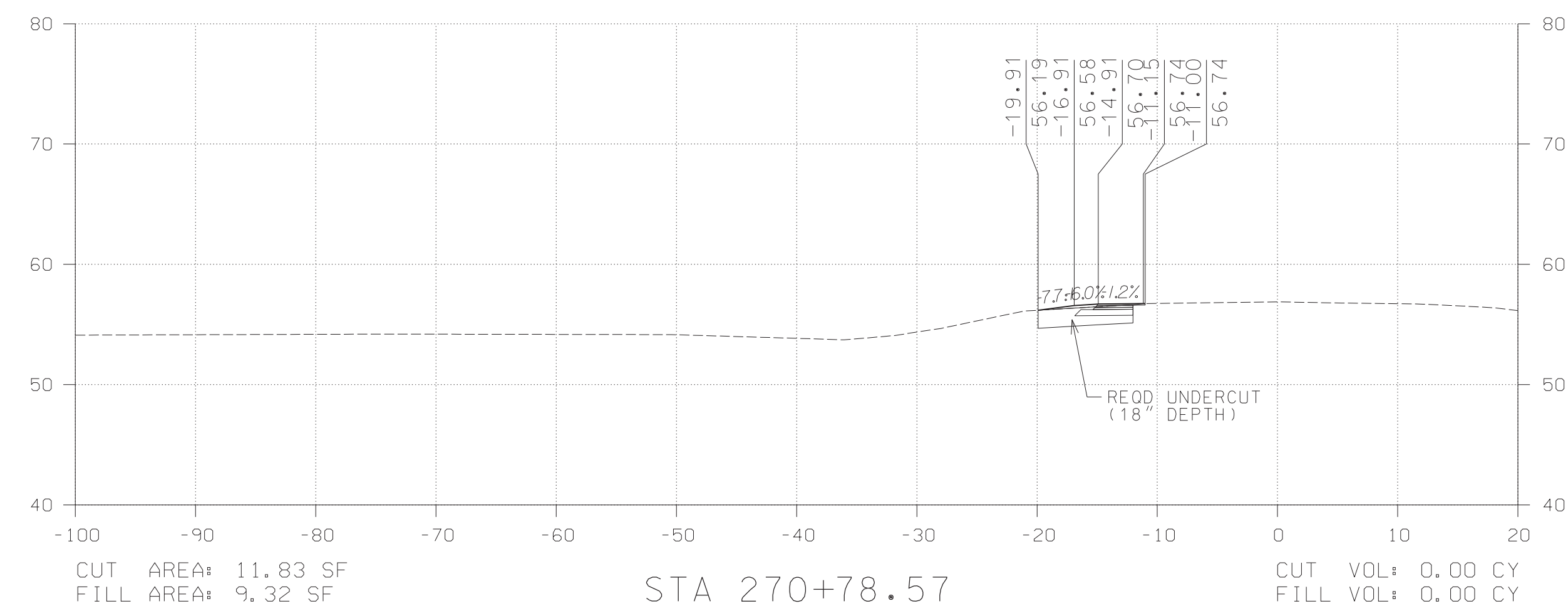
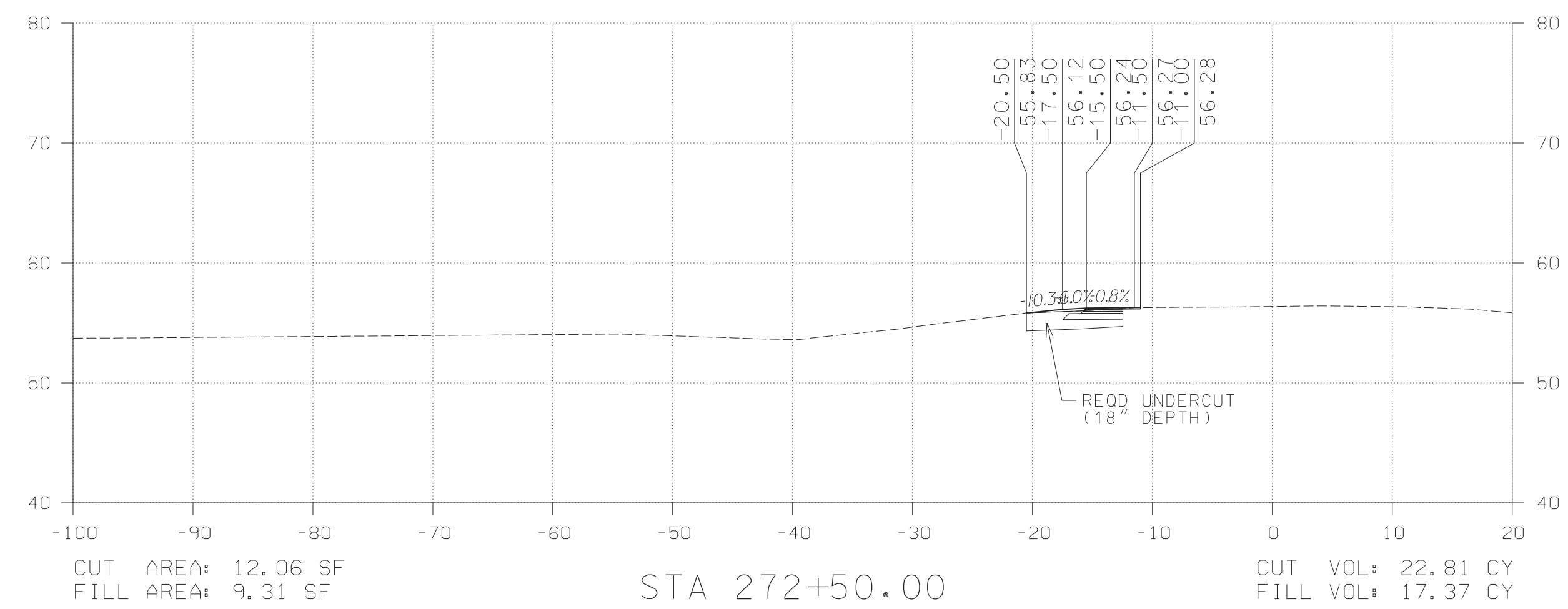
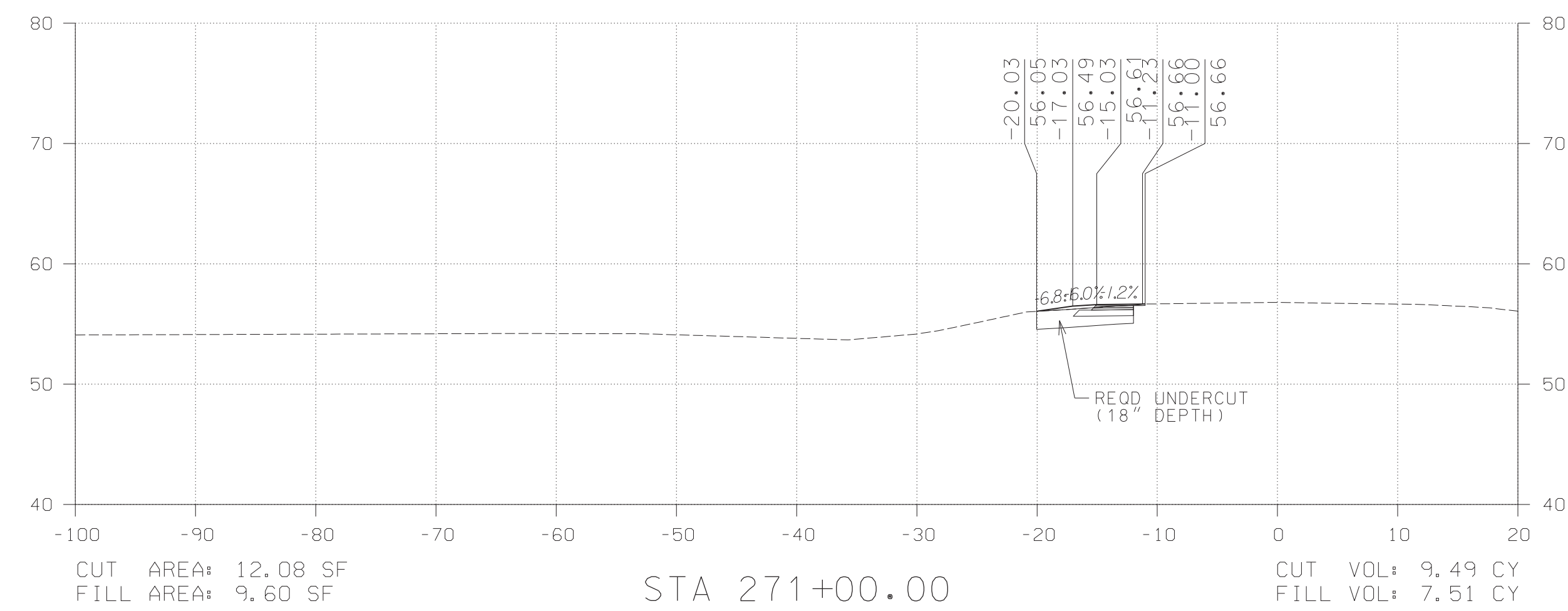
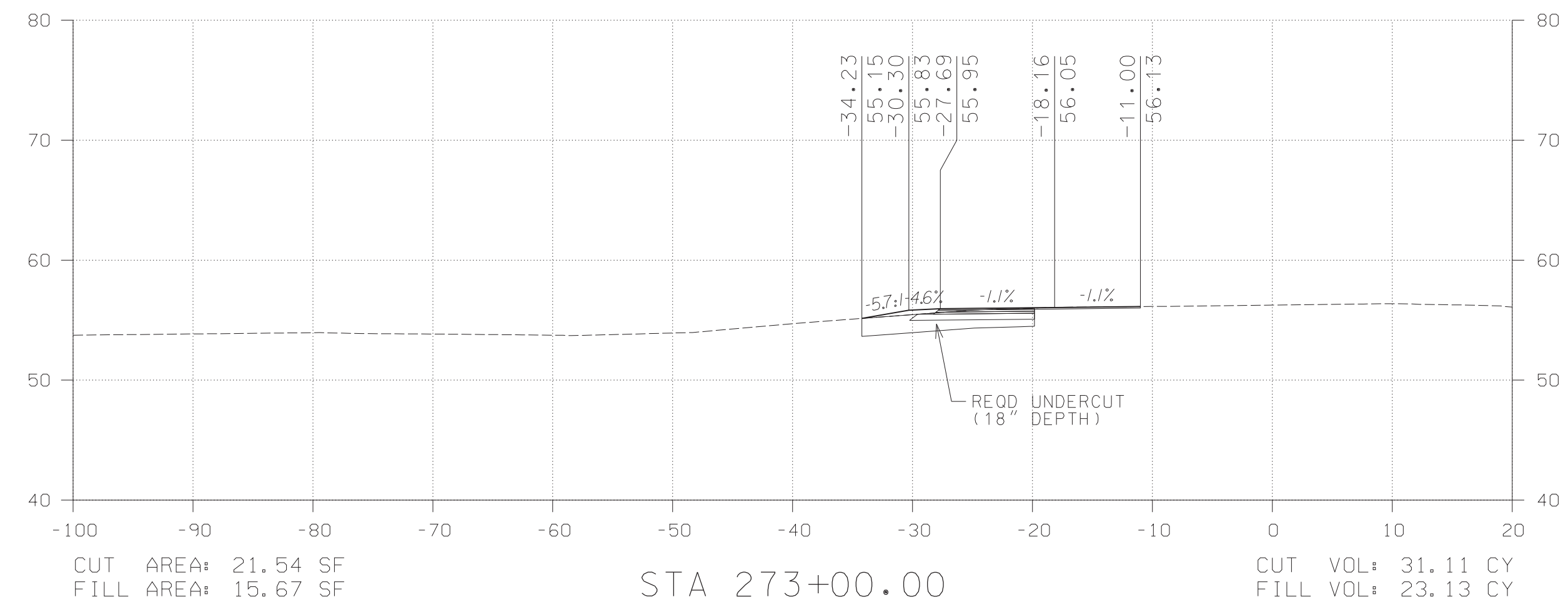
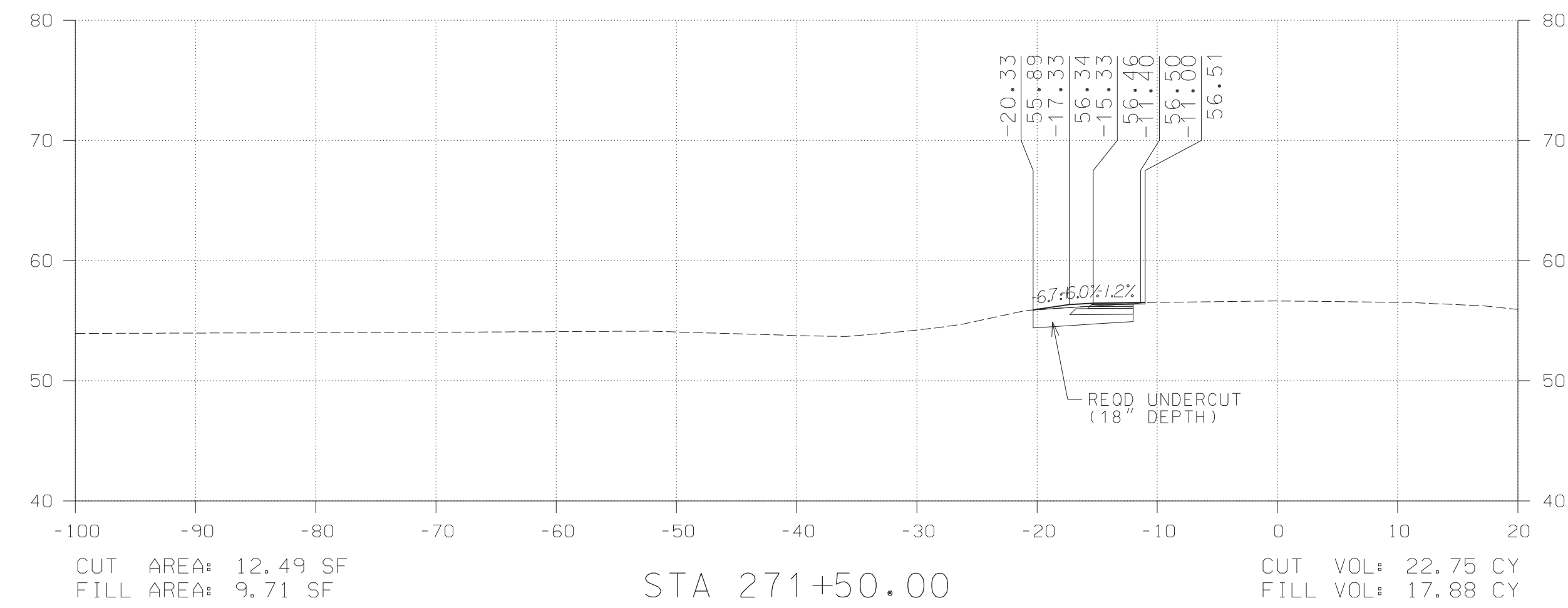
400-3020-5139



STA 135+50.00 TO STA 137+34.79, BL CR-12

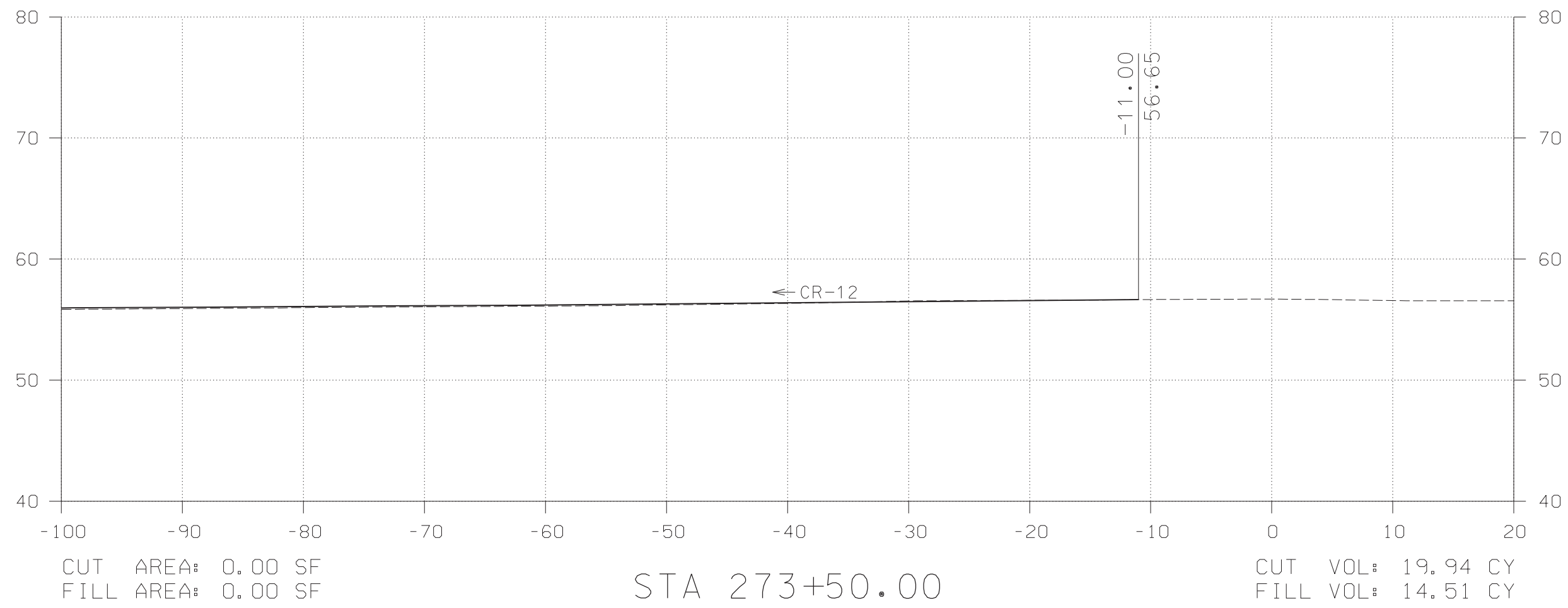
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400-3020-5139





STA 270+78.57 TO STA 273+00.00, BL CONST FBE SBR

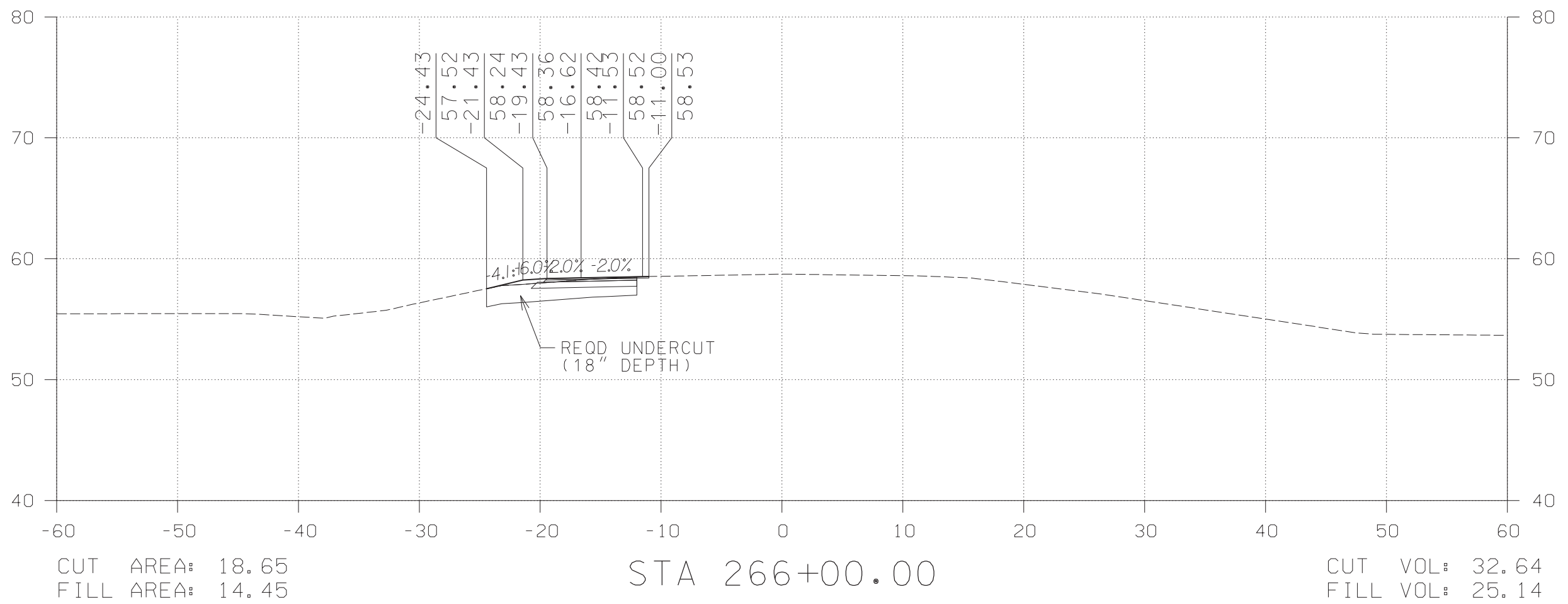
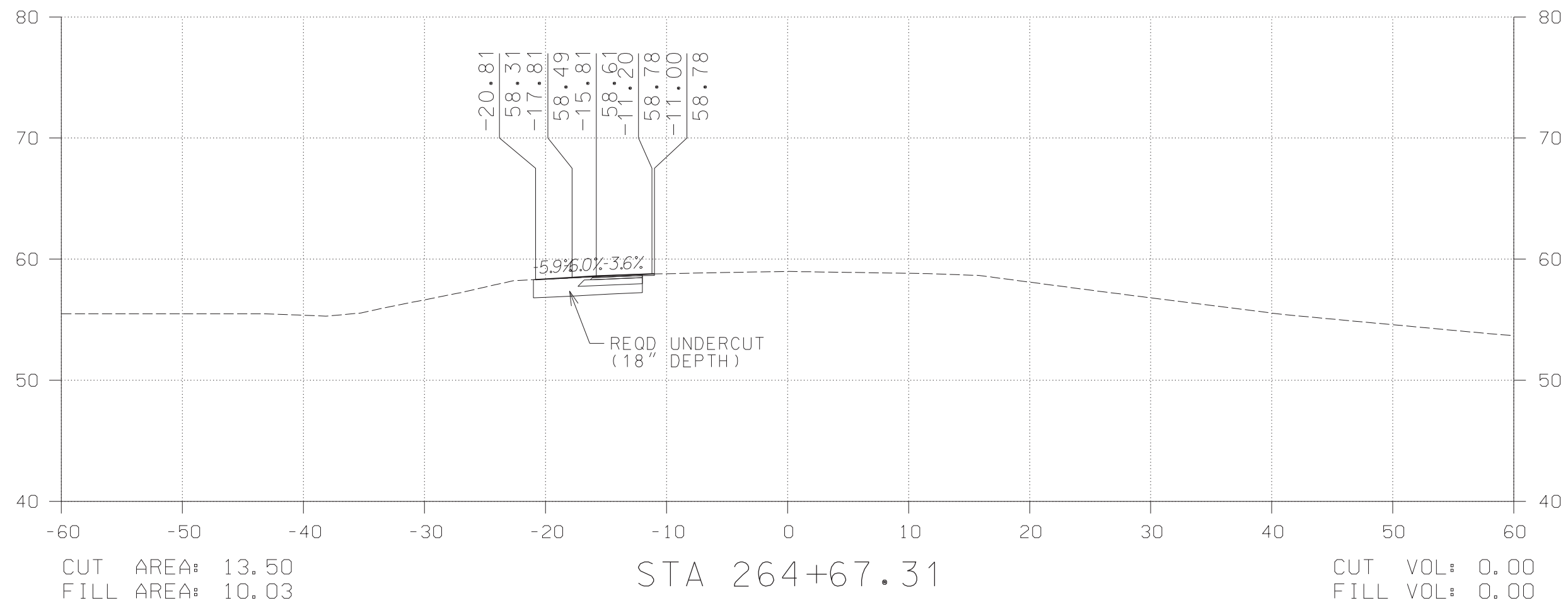
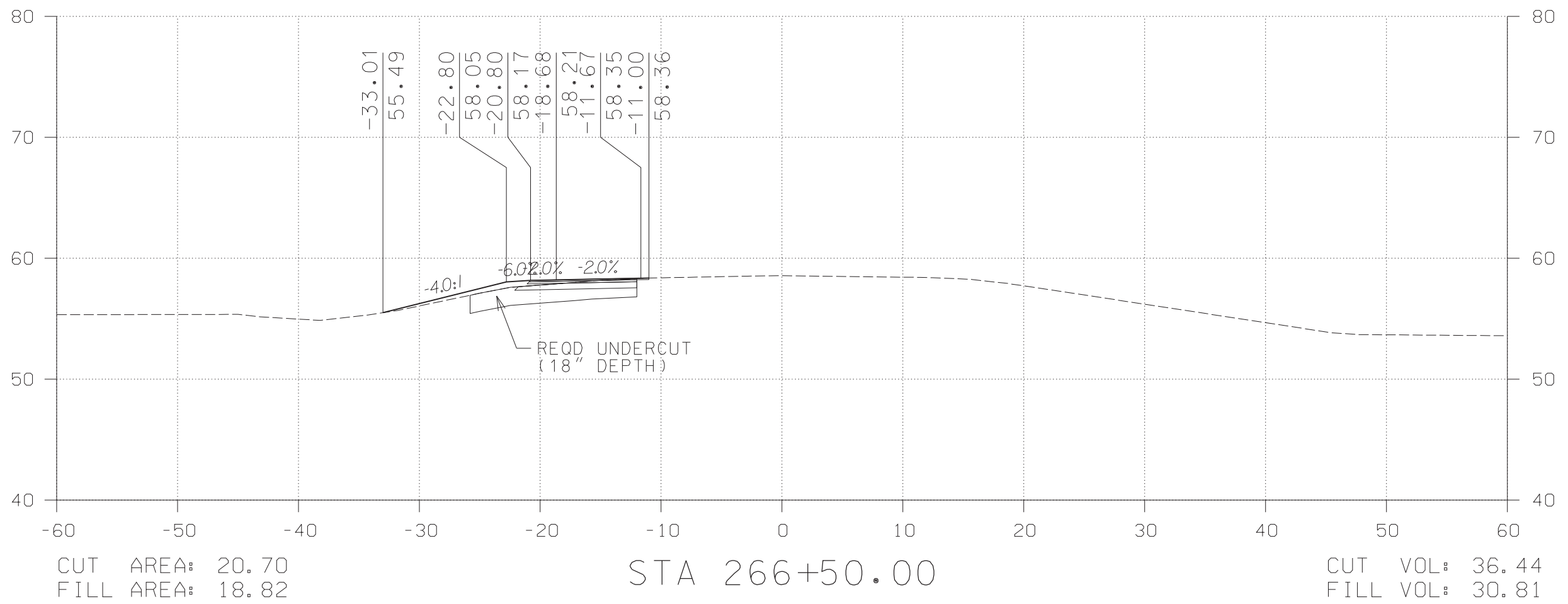
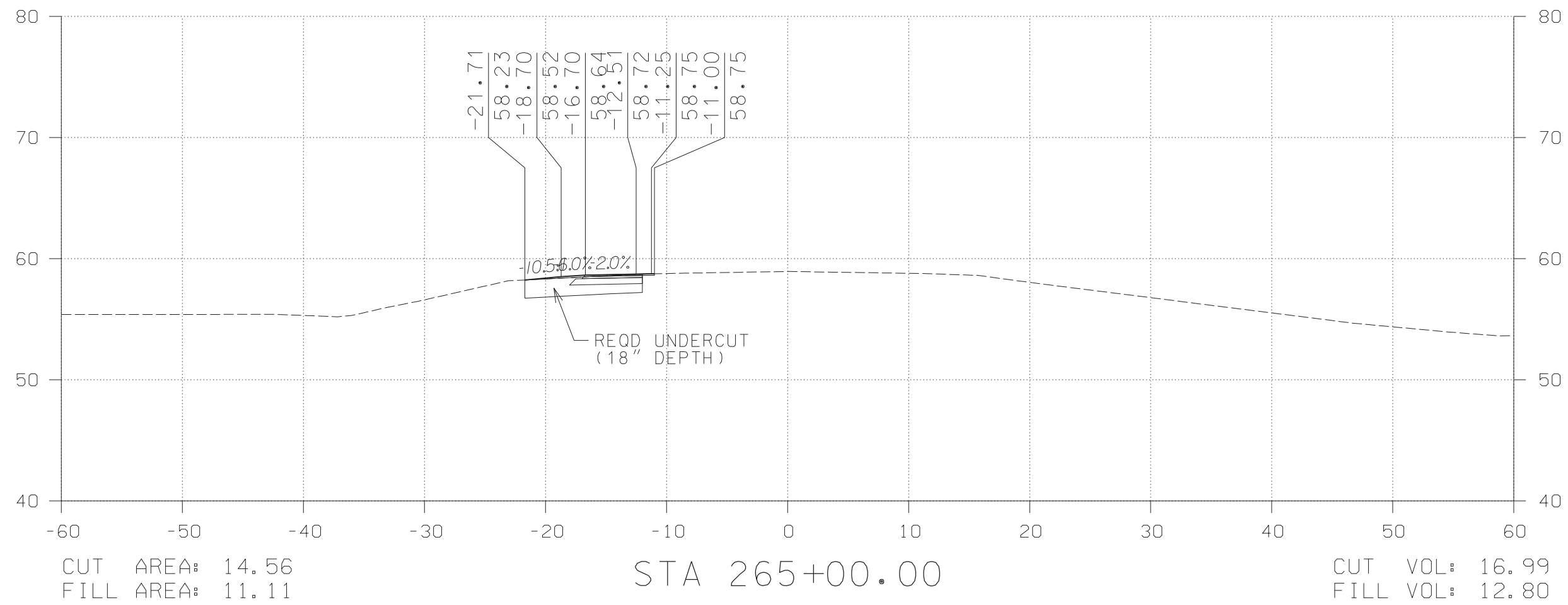
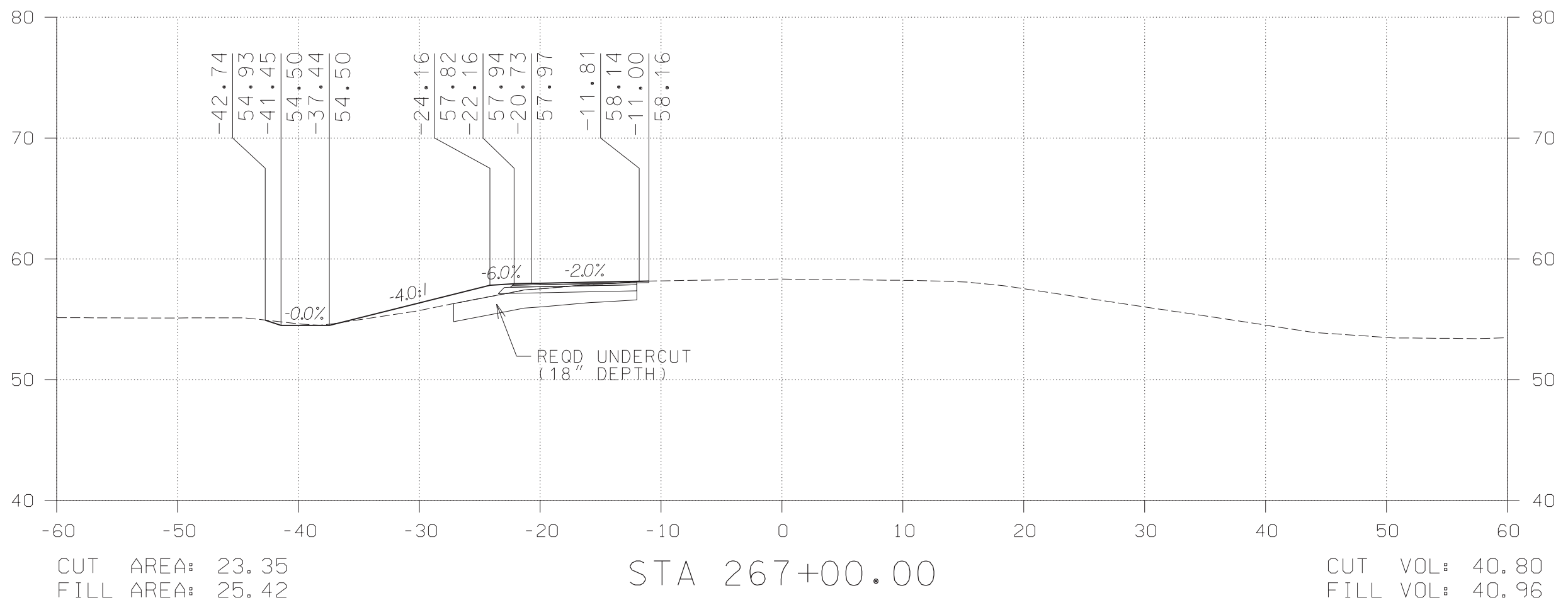
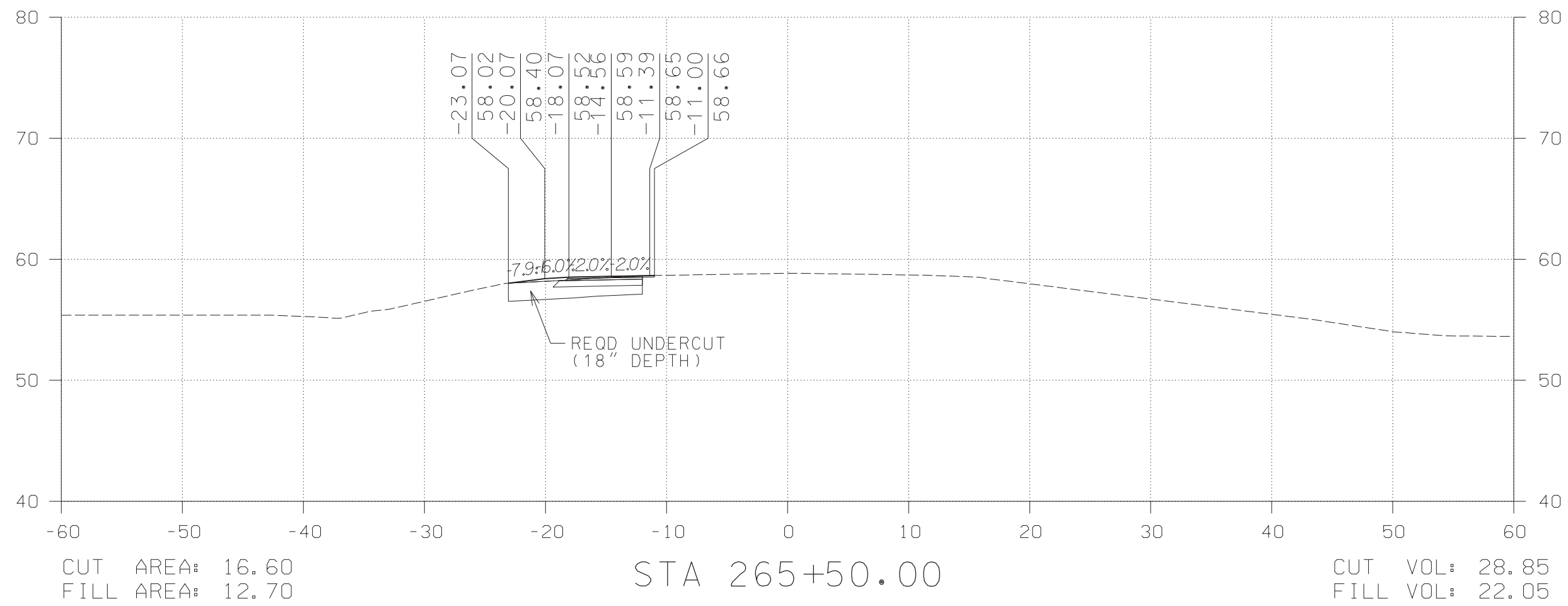
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PROJECT TITLE		CROSS SECTIONS		DESIGNED CHECKED		COUNTY BALDWIN		DATE 01/31/2020		SHEET NUMBER 114	
				DETAILED CHECKED		ROUTE		FOLEY BEACH EXPRESS		SCALE 1"=10'	
				REVIEWED		CDW		PROJECT NUMBER OB.19.002		SERIES NUMBER 1 OF 2	



STA 273+50.00 TO STA 273+50.00, BL CONST FBE SBR

	PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	DESIGNED	COUNTY	BALDWIN	DATE	SHEET
							CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE	NUMBER
							REVIEWED	CDW	PROJECT NUMBER	08.19.002	115
							REVIEWED	CDW	PROJECT NUMBER	08.19.002	2 OF 2

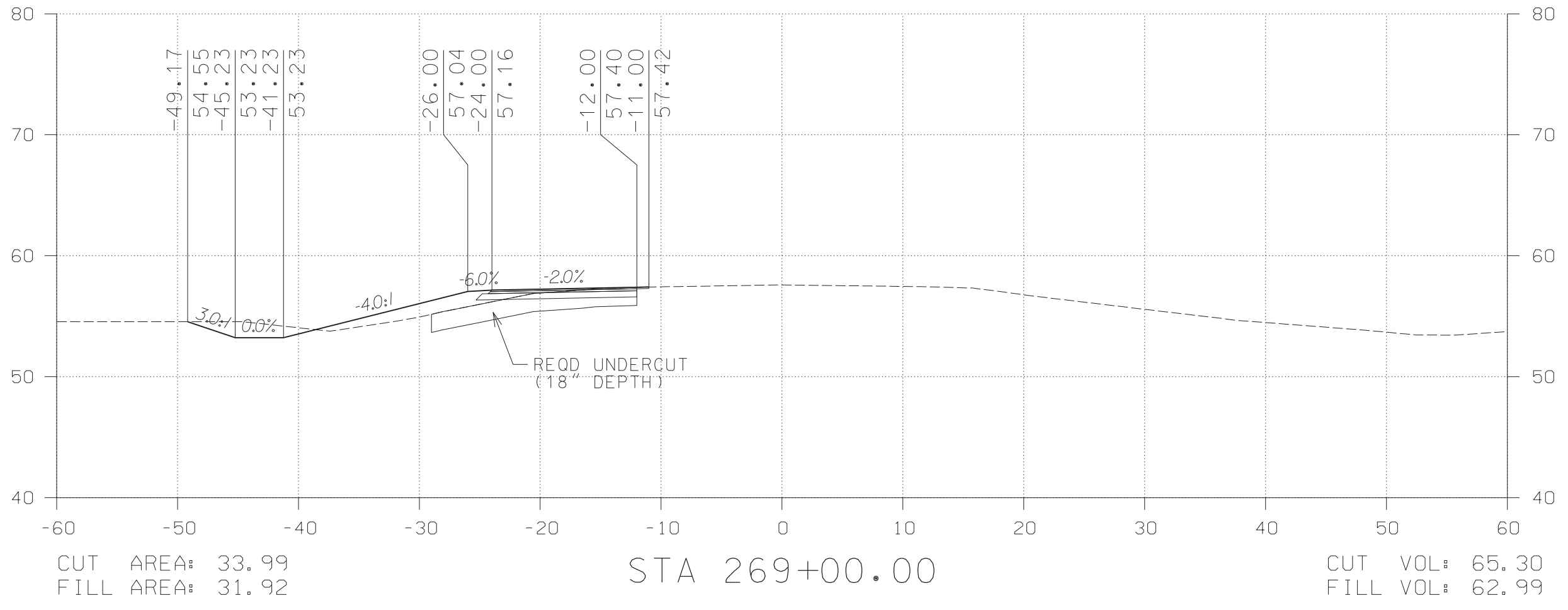
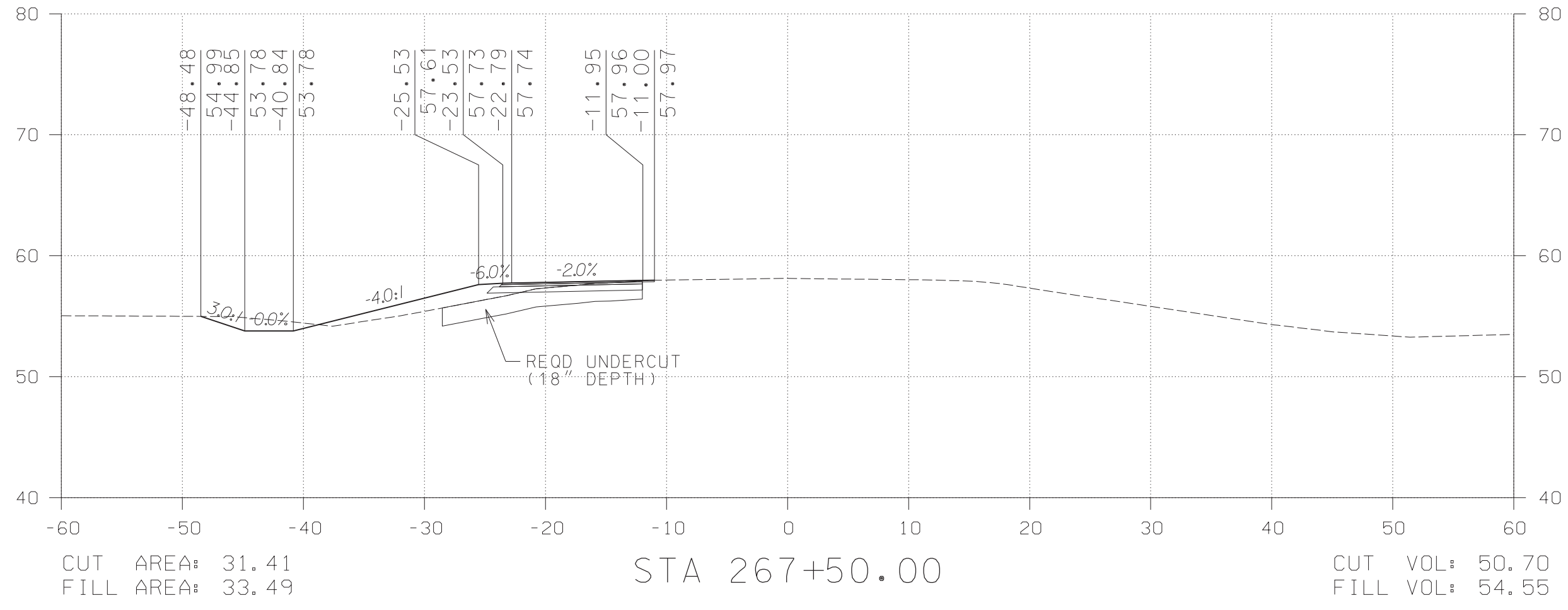
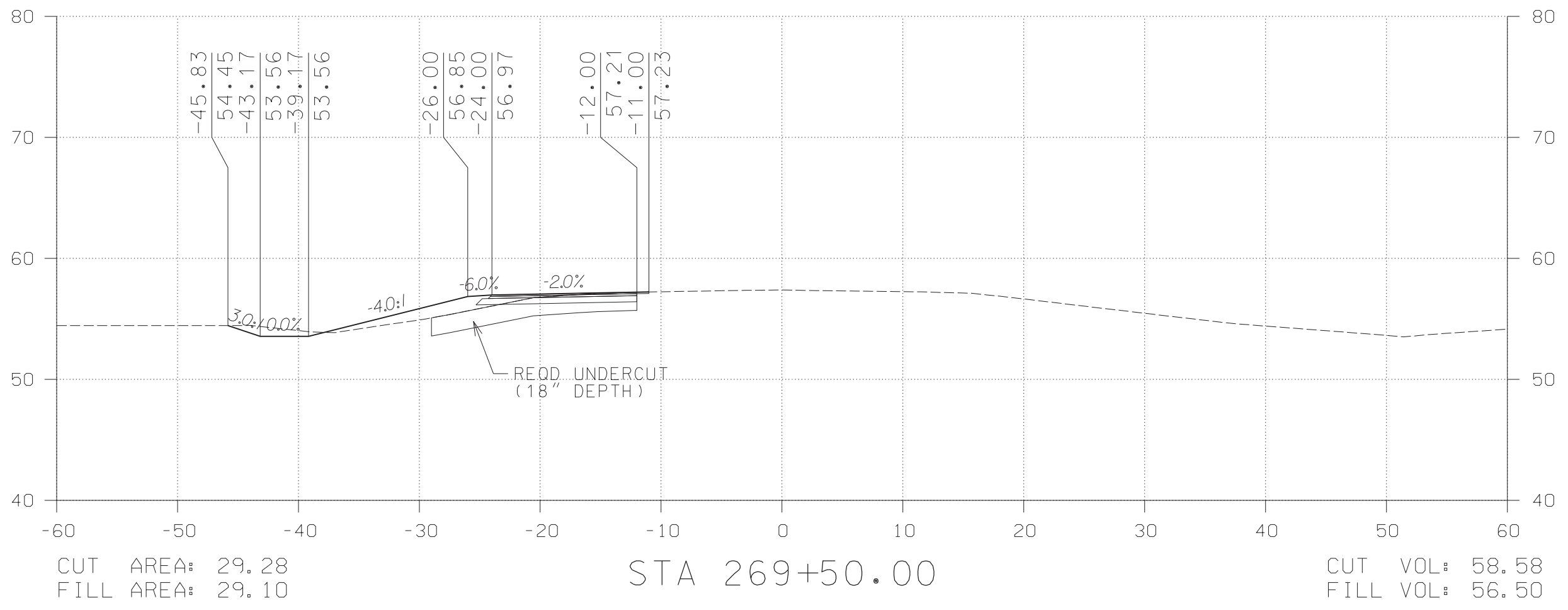
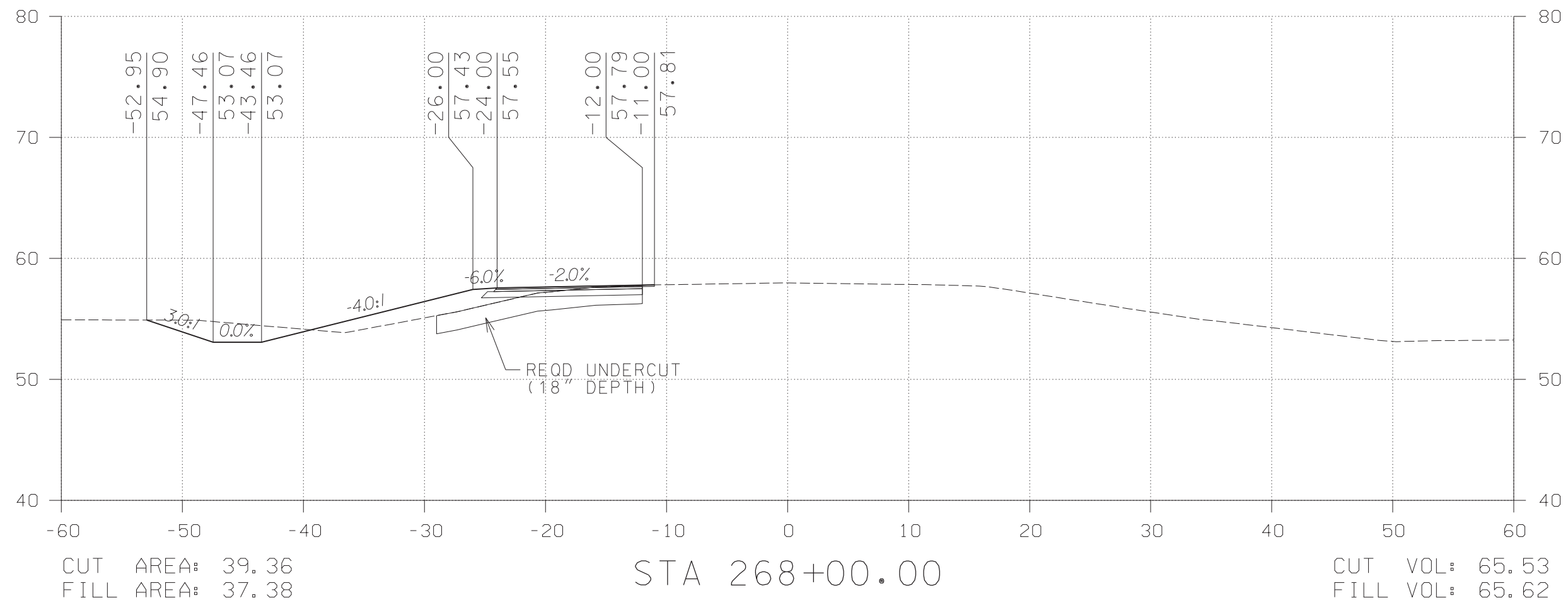
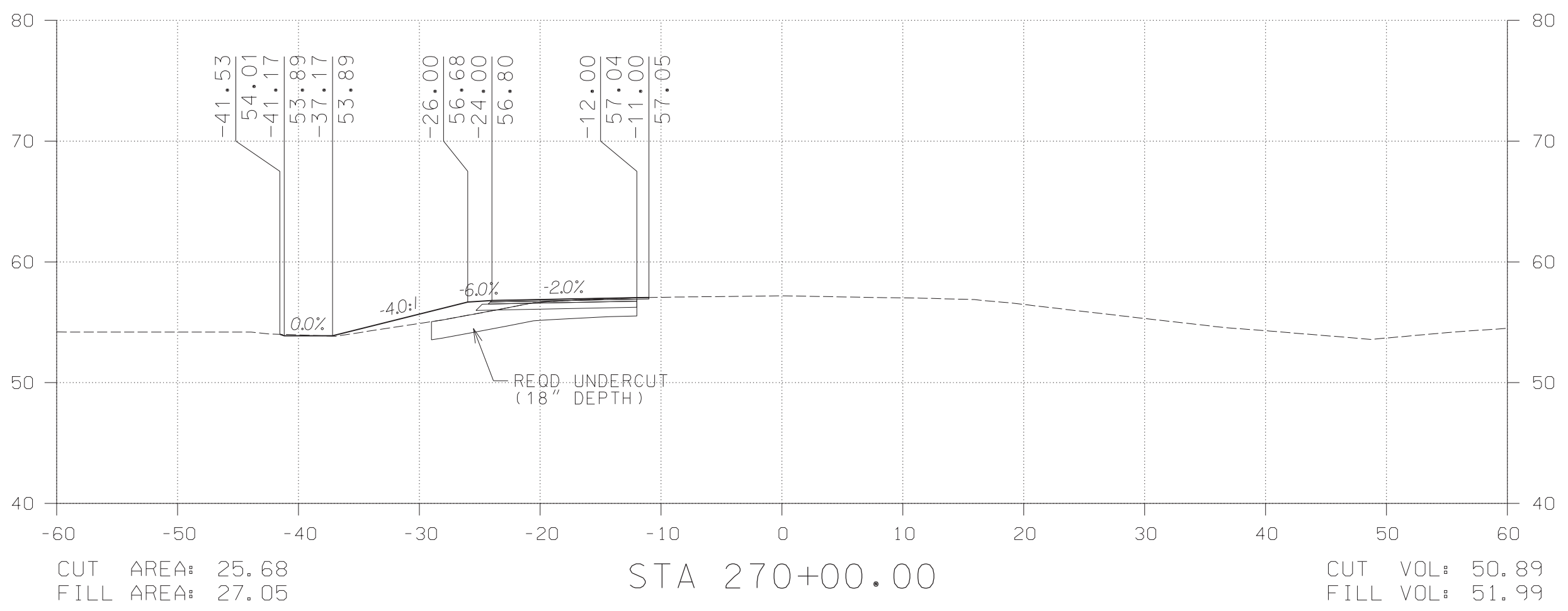
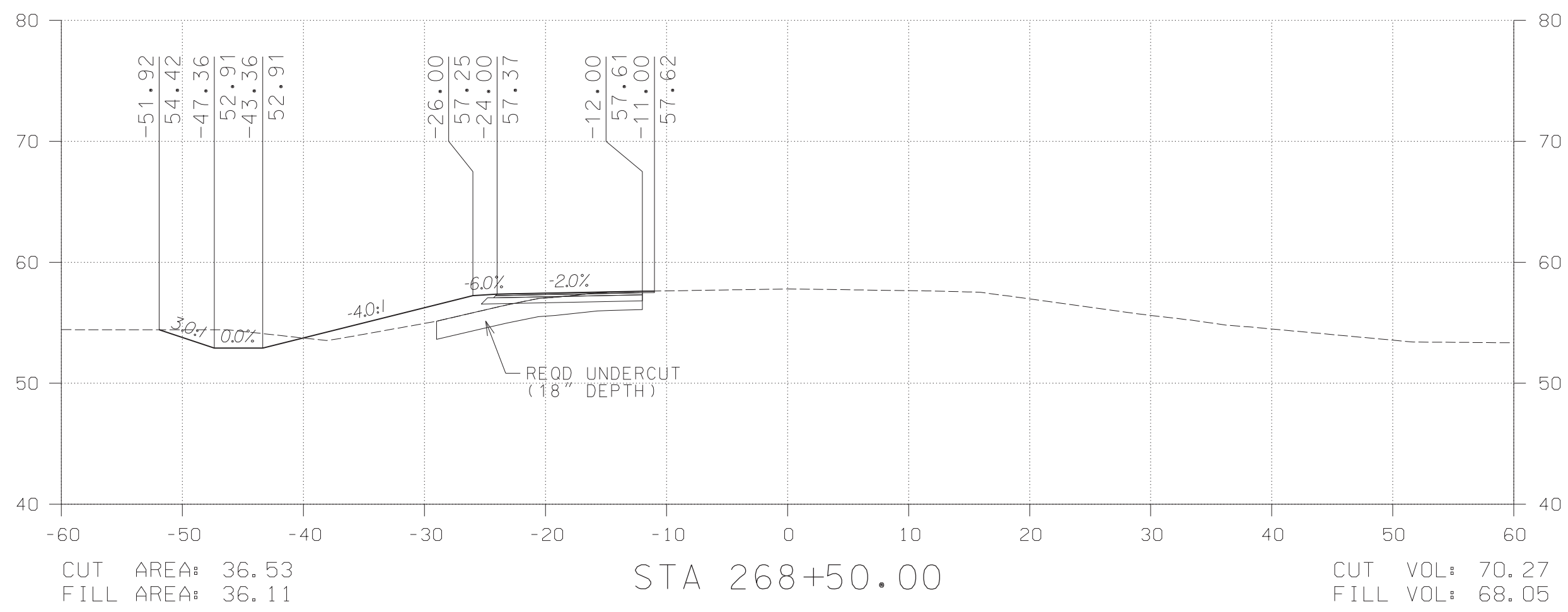
400-3020-5139
ADDITIVE ALTERNATE NO. 1




ADDITIVE ALTERNATE NO. 1: STA 264+67.31 TO STA 267+00.00, BL CONST FBE SBR

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				NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	ROUTE FOLEY BEACH EXPRESS	SCALE 1"=10'	SERIES NUMBER 1 OF 4	

400-3020-5139
ADDITIVE ALTERNATE NO. 1




ADDITIVE ALTERNATE NO. 1: STA 267+50.00 TO STA 270+00.00, BL CONST FBE SBR



PROJECT
HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

CROSS SECTIONS



DESIGNED
CHECKED
DETAILED
CHECKED

DATE
NO.
DATE

REVISION OR CHANGE ORDER DESCRIPTION
BY

COUNTY
BALDWIN

ROUTE
FOLEY BEACH
EXPRESS

PROJECT
NUMBER
08.19.002

CDW

REVIEWED

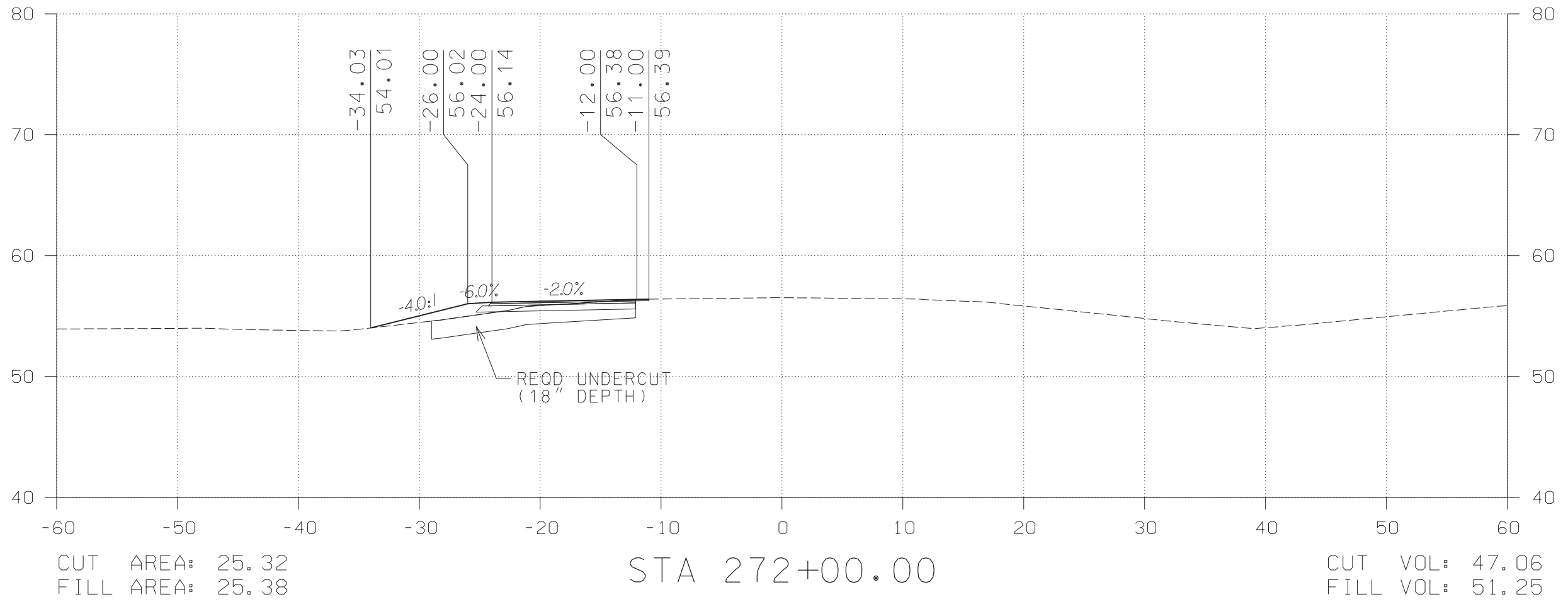
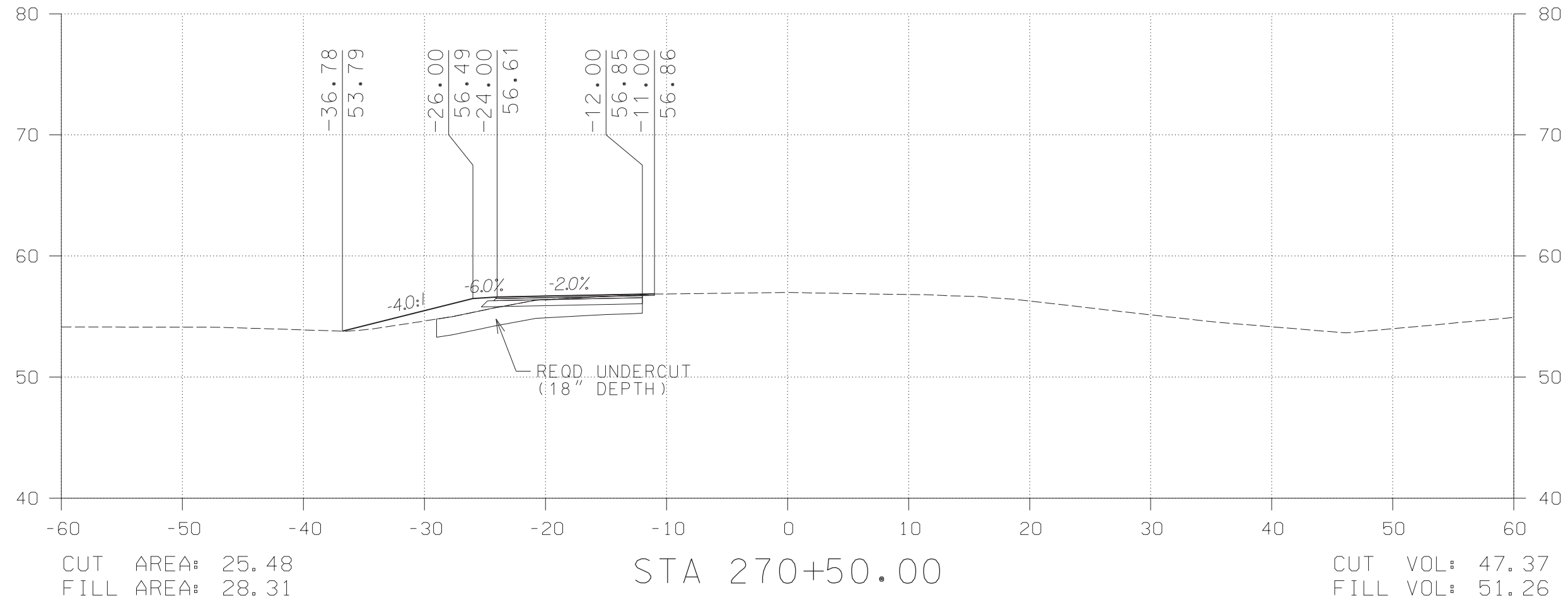
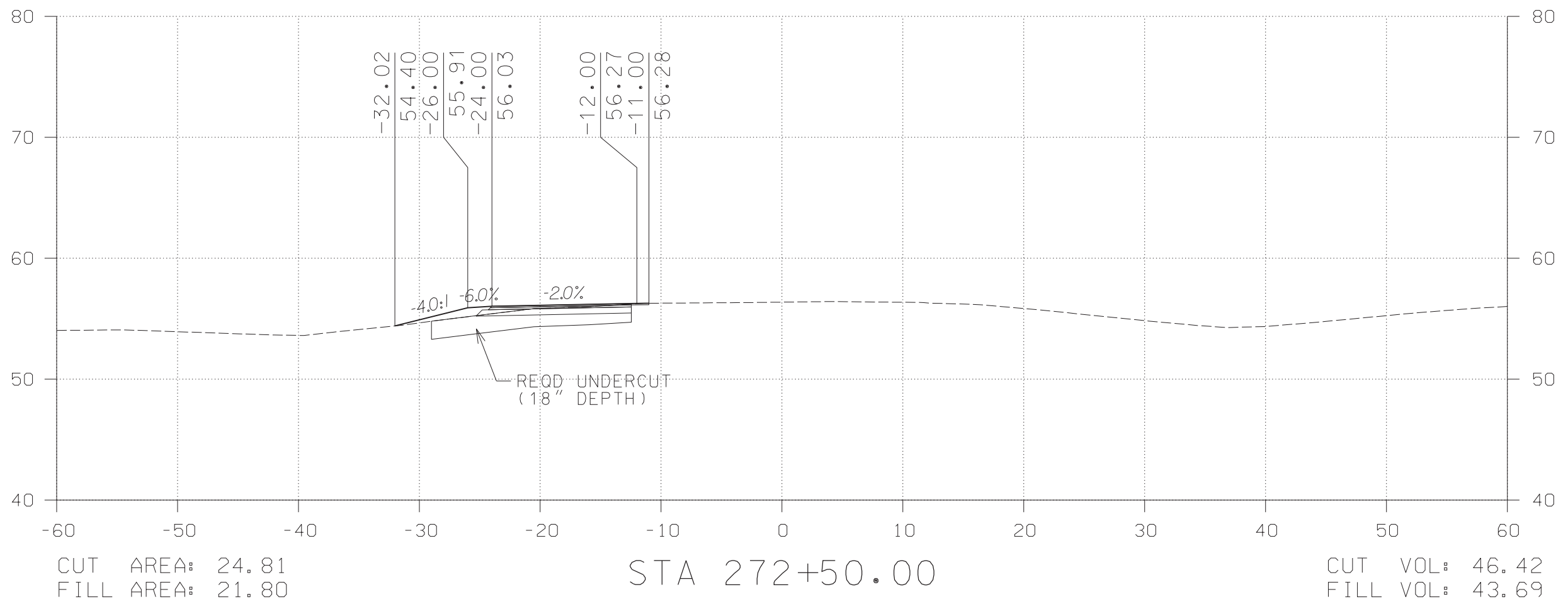
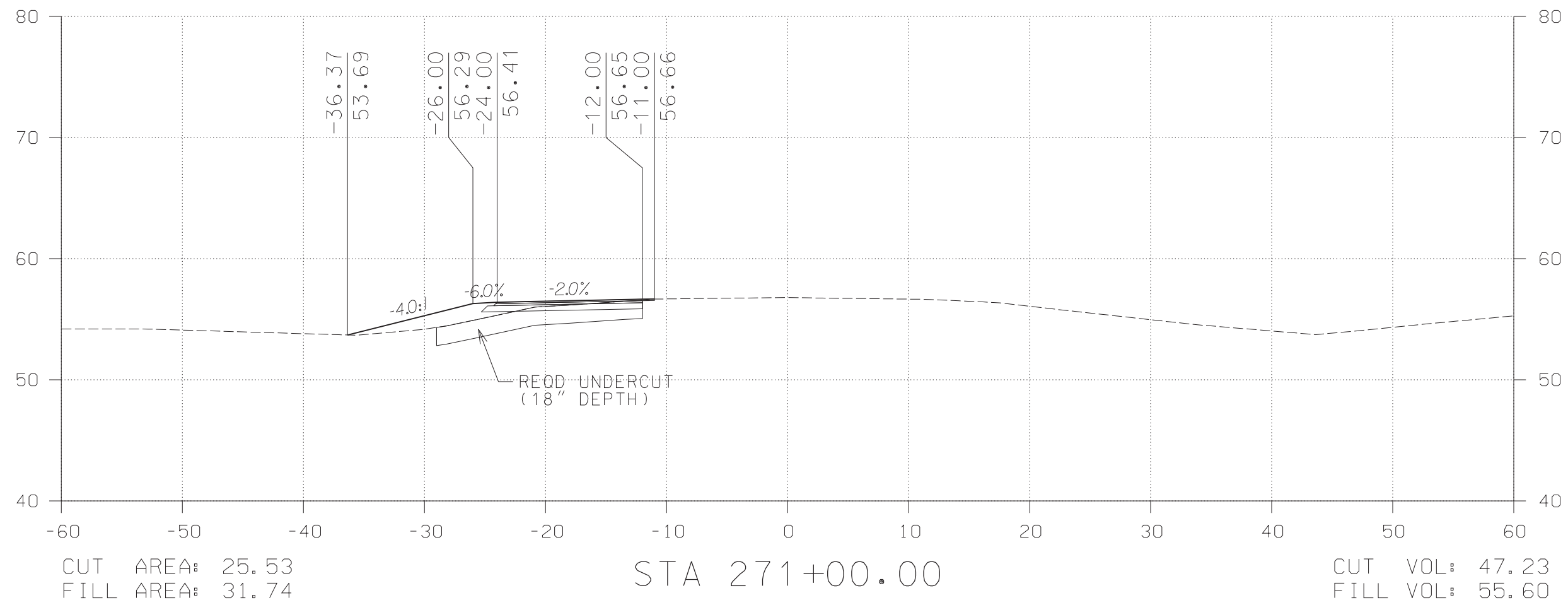
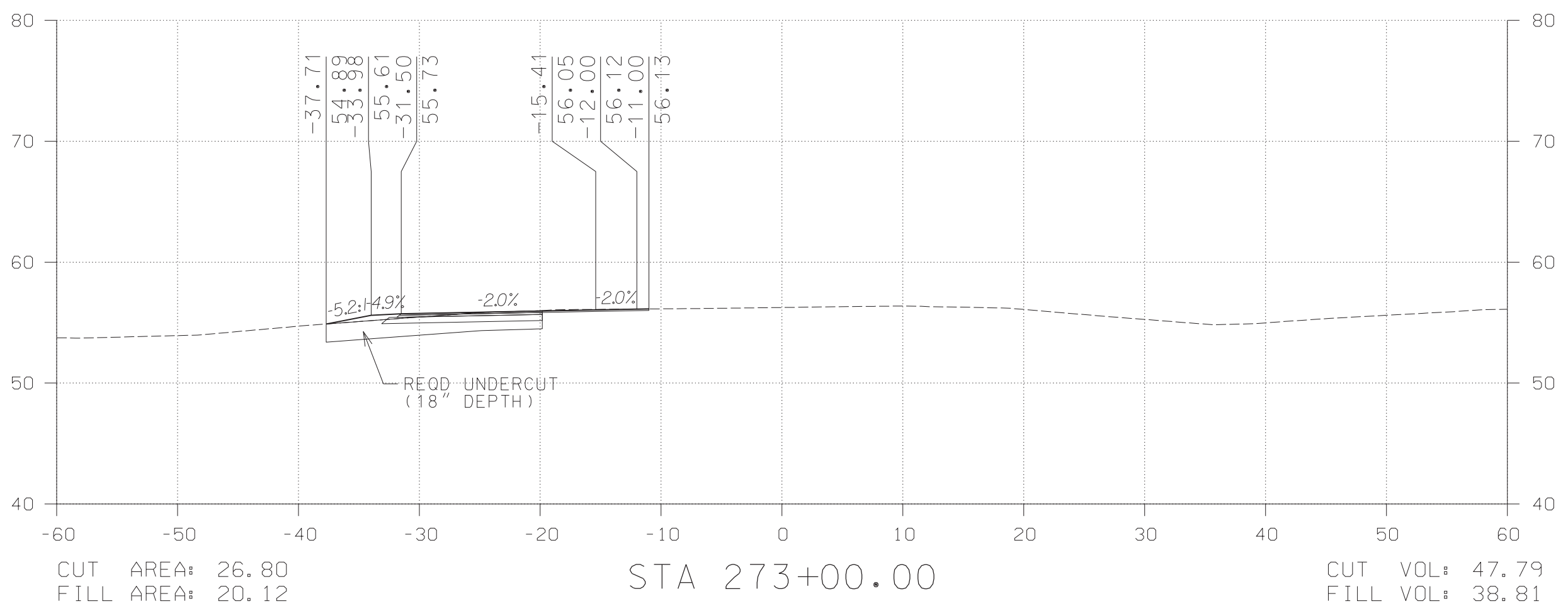
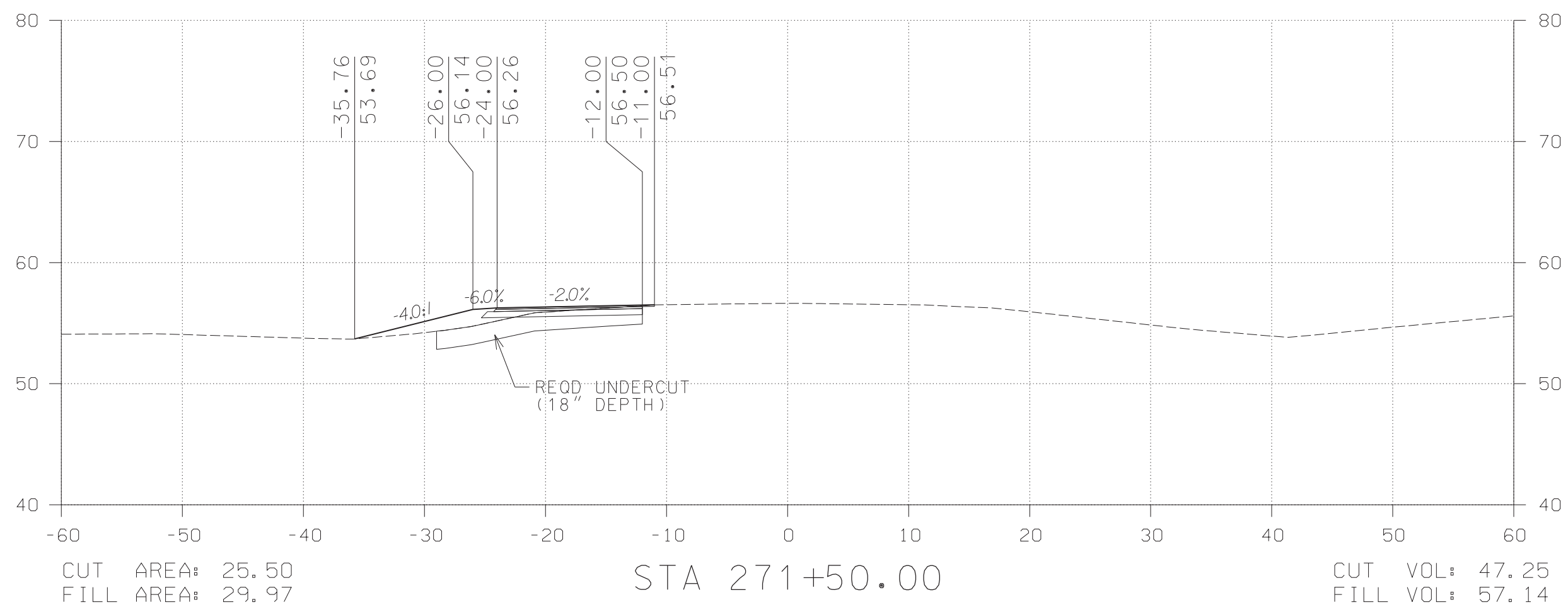
SHEET
NUMBER
117

DATE
01/31/2020


SCALE
1"=10'

SERIES
NUMBER
2 OF 4


400-3020-5139
ADDITIVE ALTERNATE NO. 1



ADDITIVE ALTERNATE NO. 1: STA 270+50.00 TO STA 273+00.00, BL CONST FBE SBR



PROJECT HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12



400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

SHEET TITLE

CROSS SECTIONS

DESIGNED

CHECKED

DETAILED

CHECKED

REVIEWED

CDW

BY

COUNTY

ROUTE

PROJECT NUMBER

DATE

SCALE

SERIES NUMBER

01/31/2020

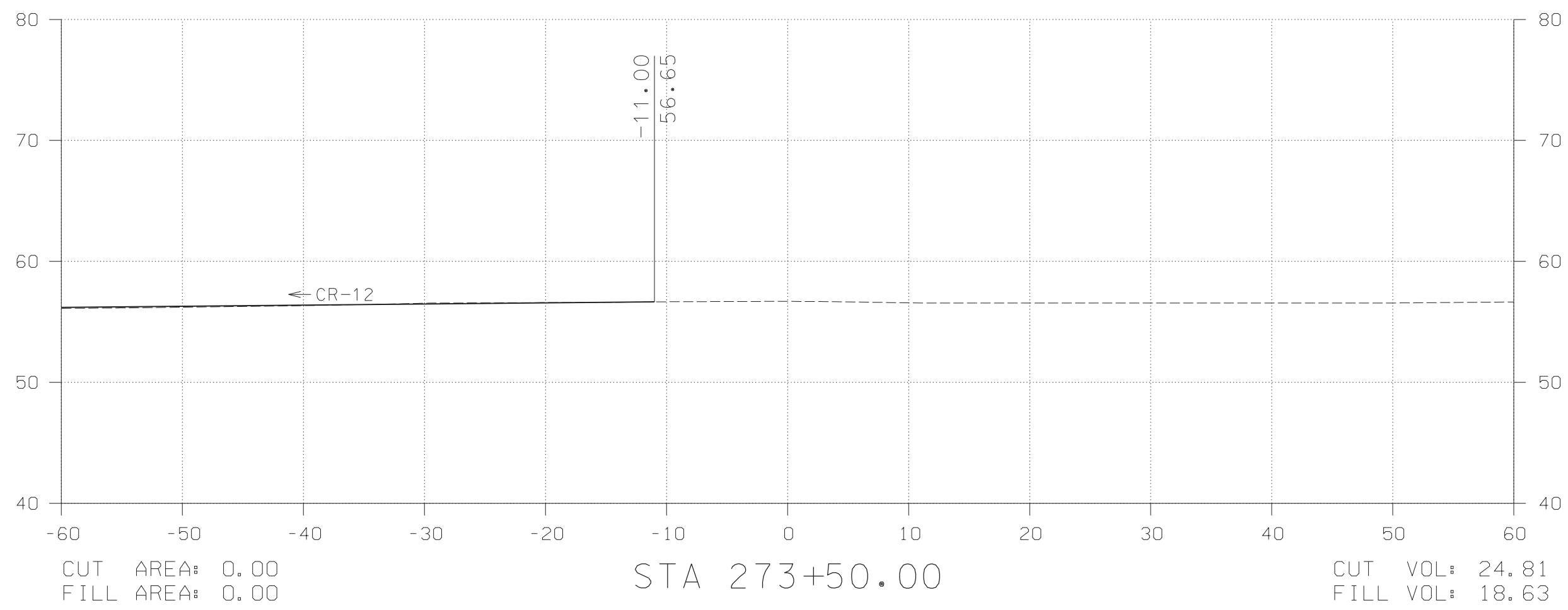
1"=10'

3 OF 4



SHEET NUMBER

118

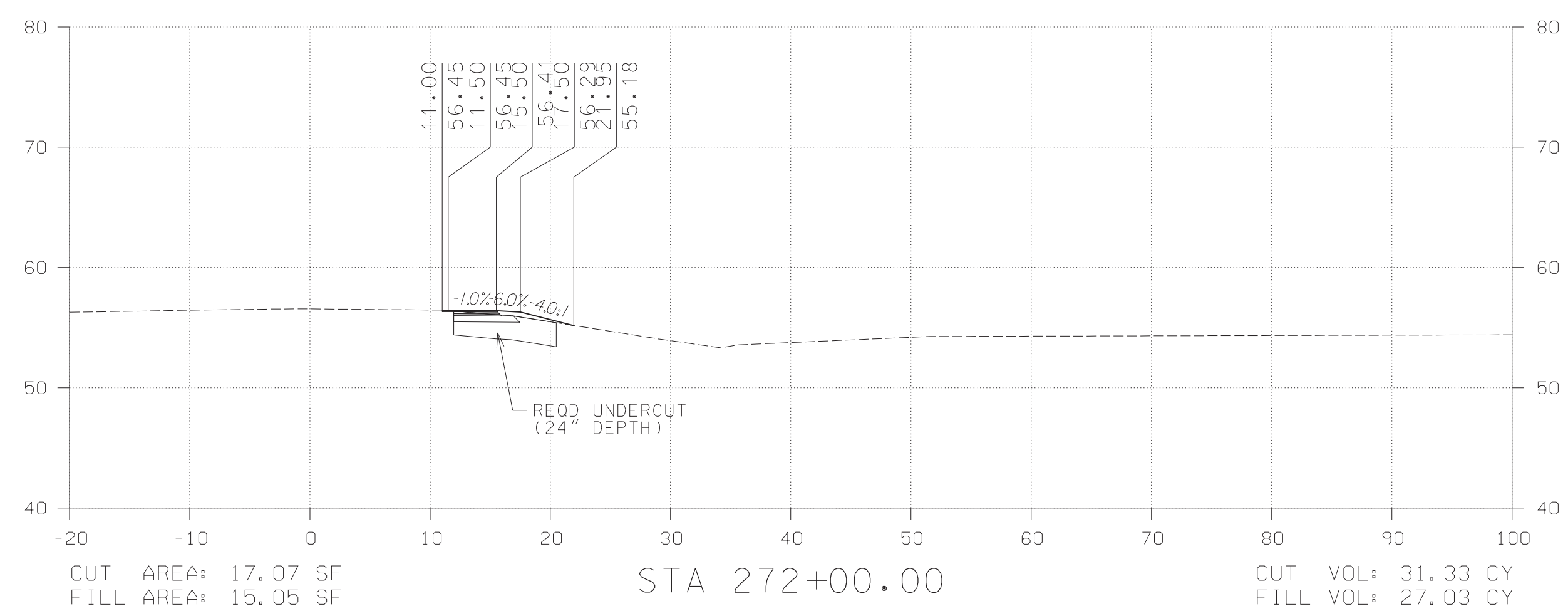
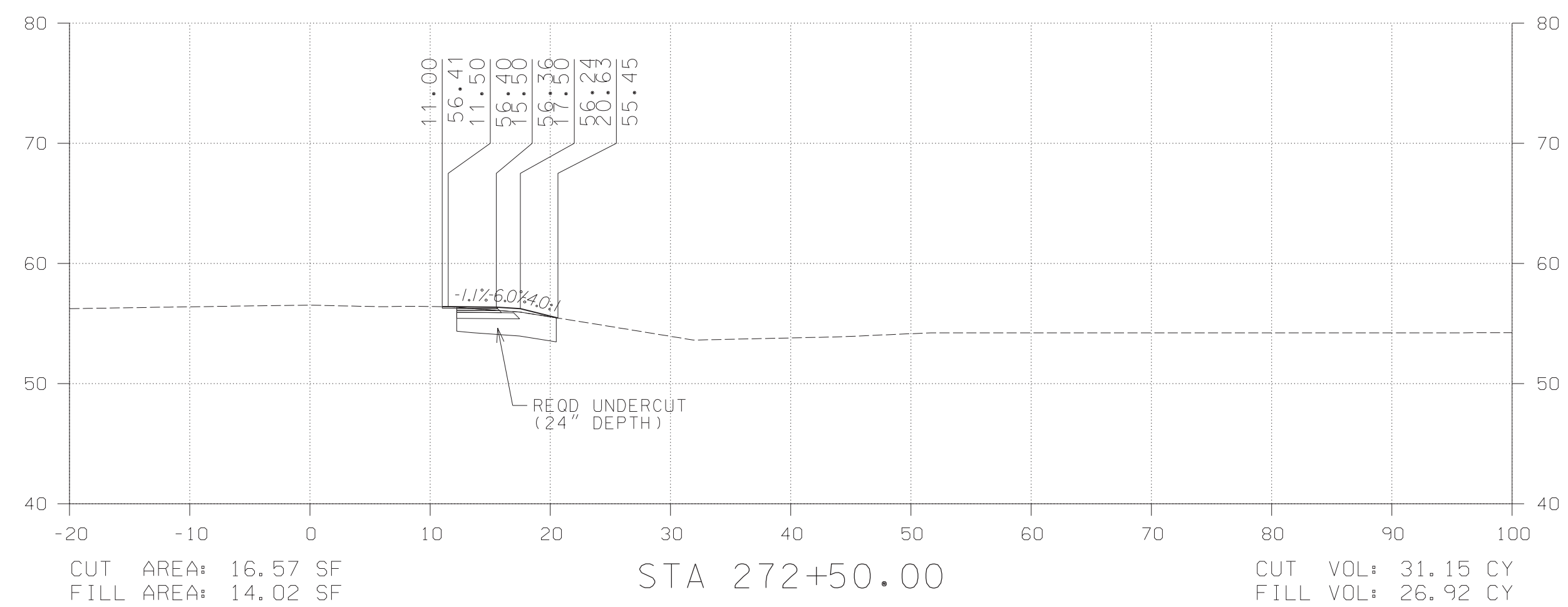
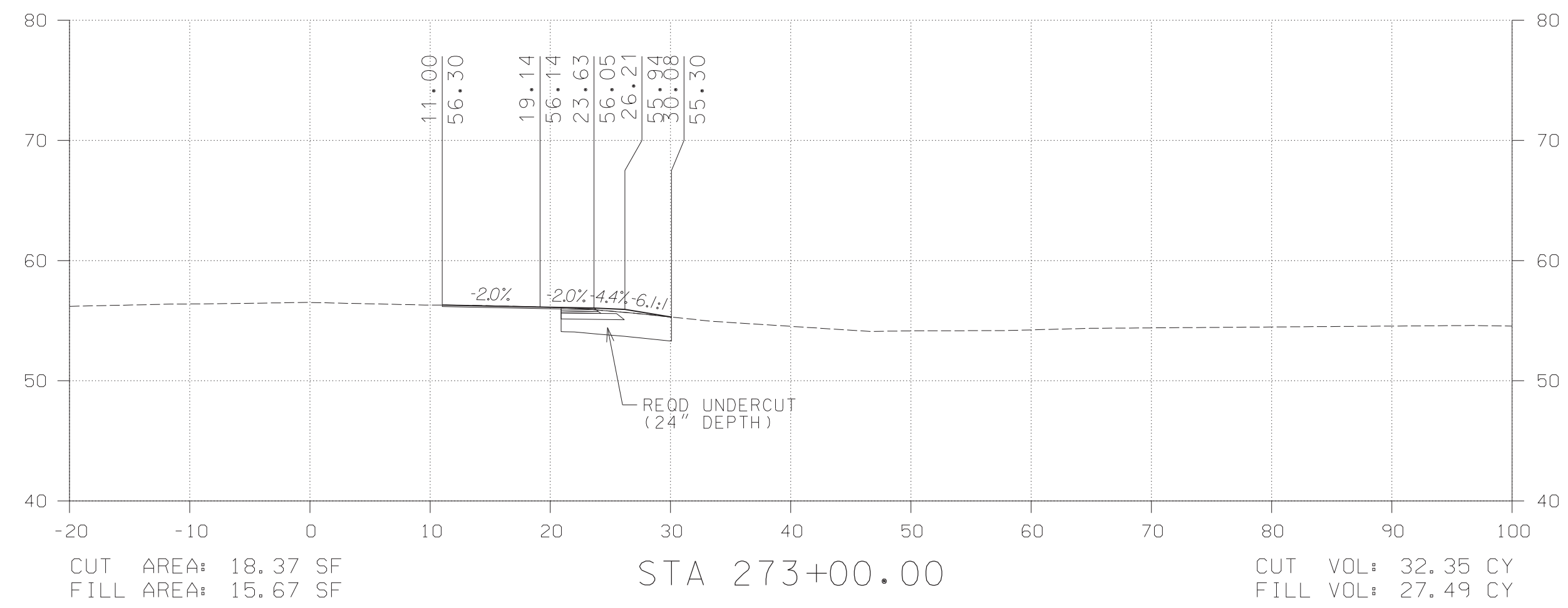
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ADDITIVE ALTERNATE NO. 1





ADDITIVE ALTERNATE NO. 1: STA 273+50.00 TO STA 273+50.00, BL CONST FBE SBR

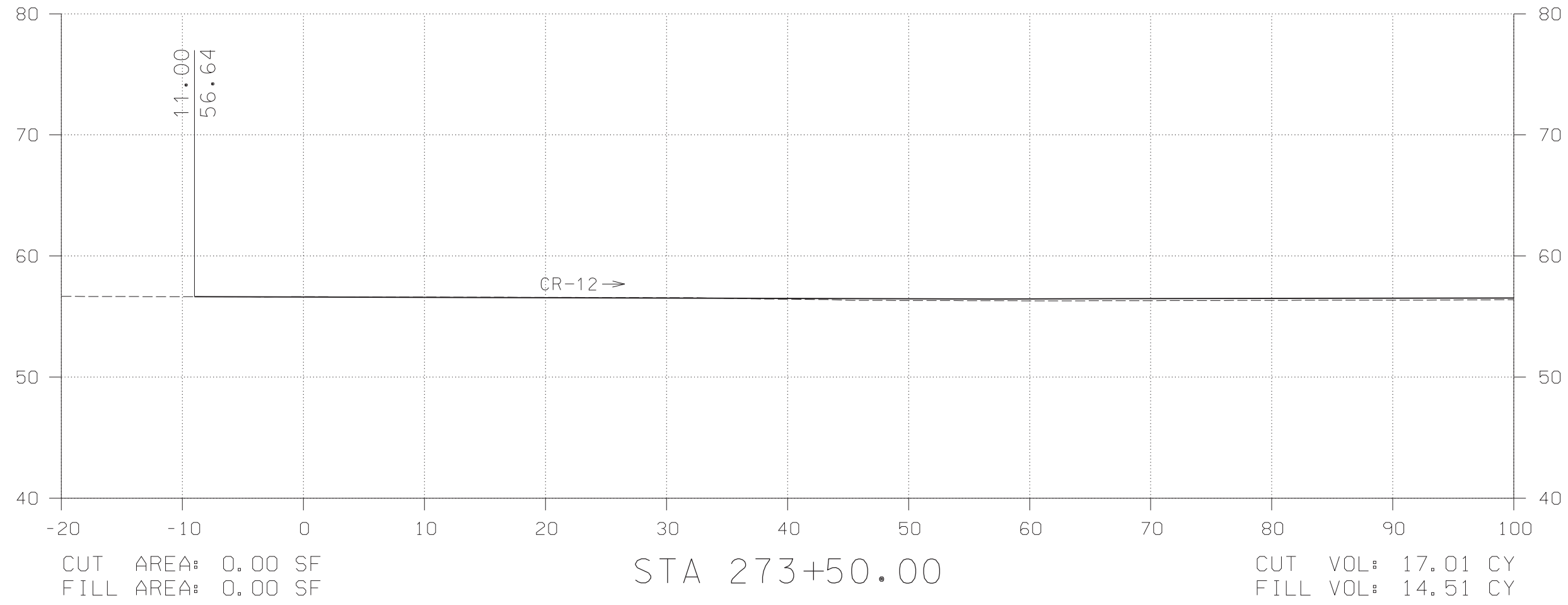
	PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		SHEET NUMBER	119	DESIGNED	COUNTY	DATE	01/31/2020	
					CHECKED	BALDWIN	SCALE	1"=10'	
					DETAILED	ROUTE	FOLEY BEACH EXPRESS	SERIES NUMBER	4 OF 4
					REVIEWED	CDW	PROJECT NUMBER	08.19.002	
NO.			DATE	REVISION OR CHANGE ORDER DESCRIPTION		BY			

SHEET NUMBER	120
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STA 270+90.96 TO STA 273+00.00, BL CONST FBE NBR

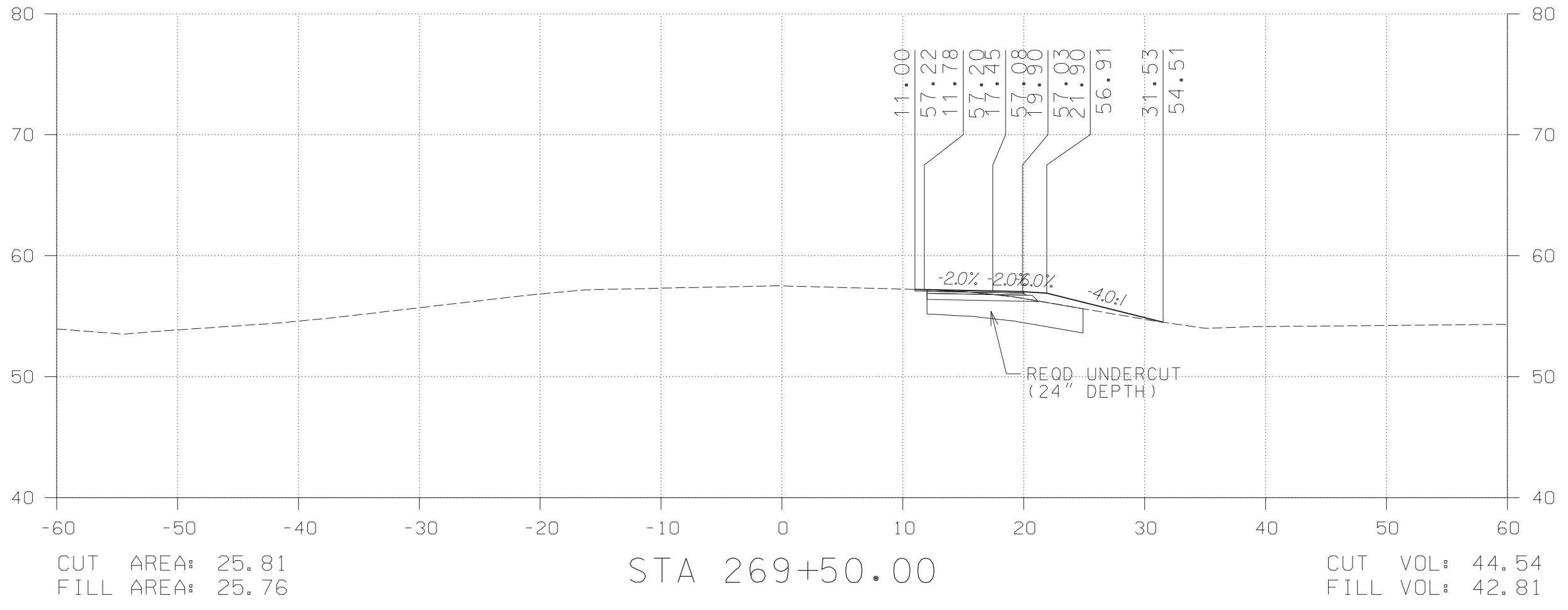
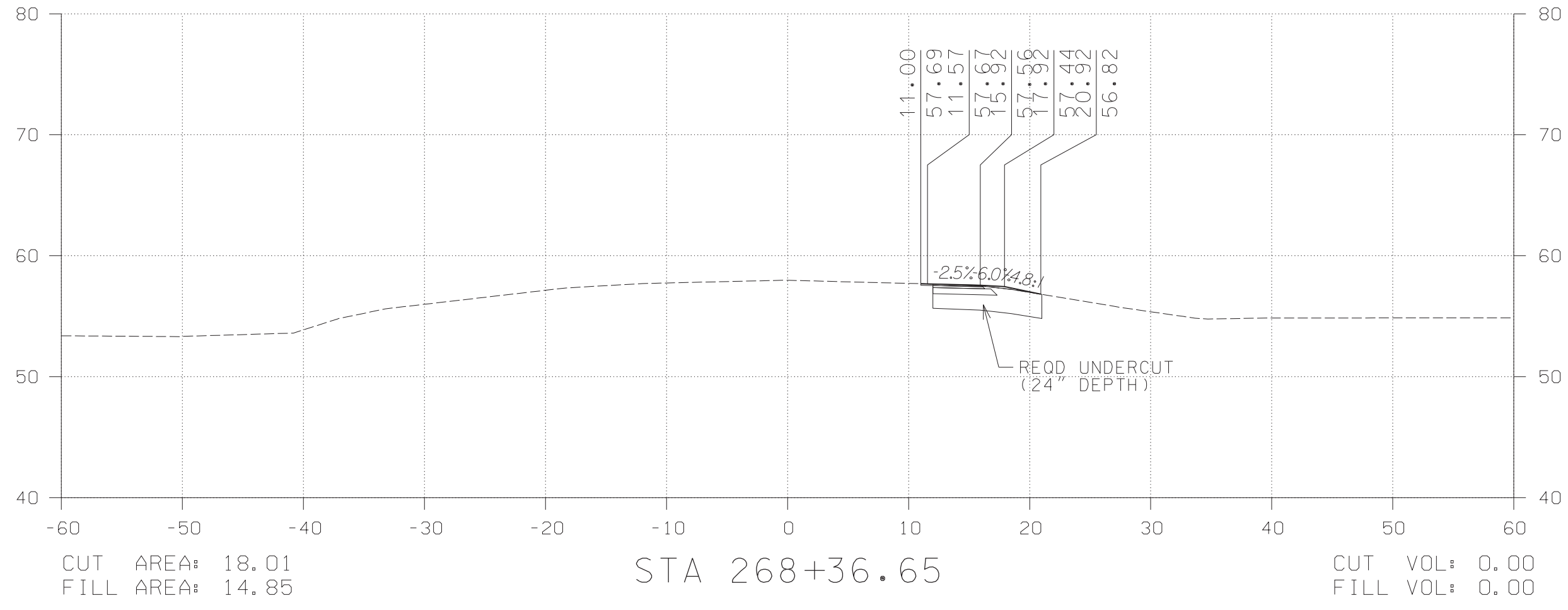
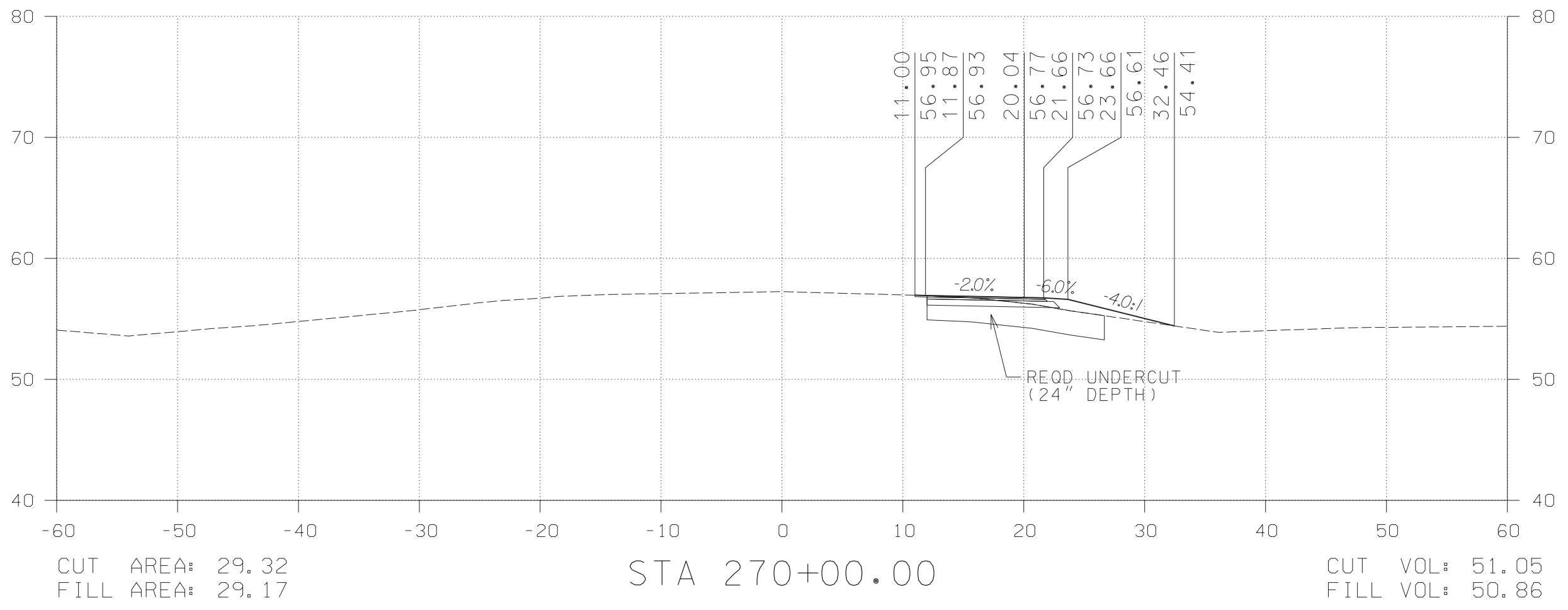
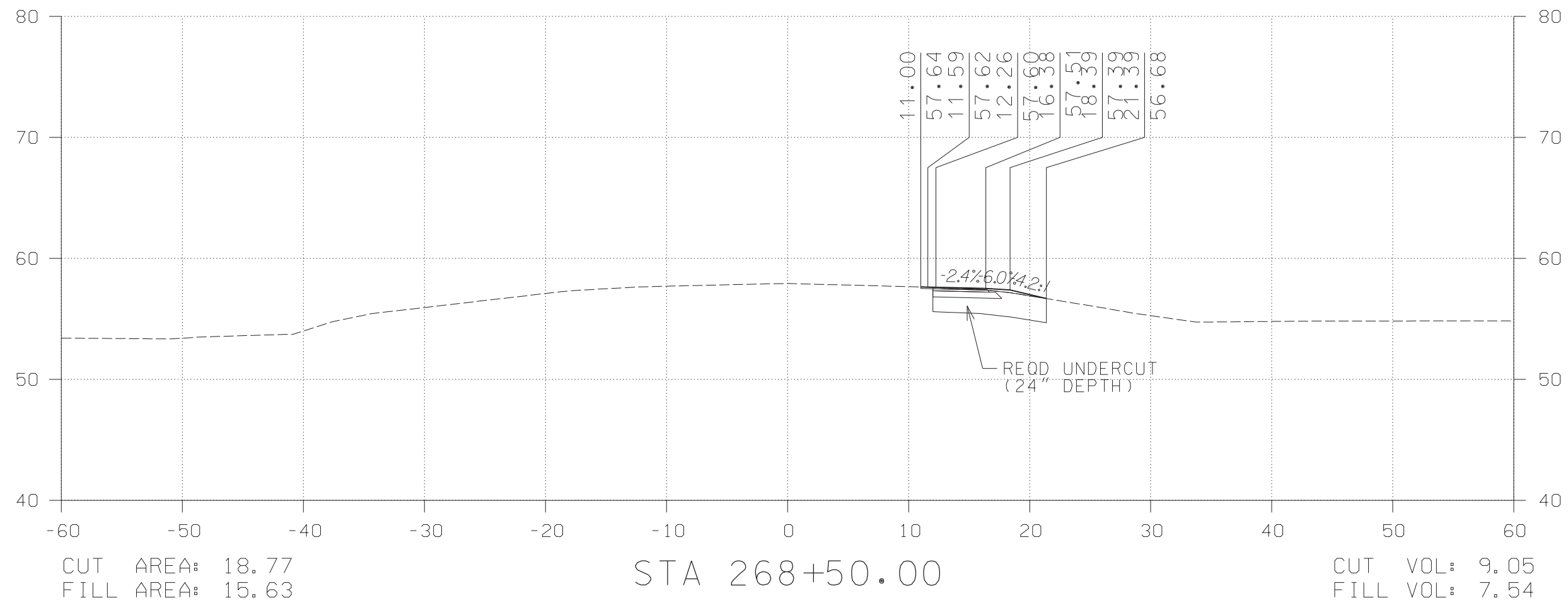
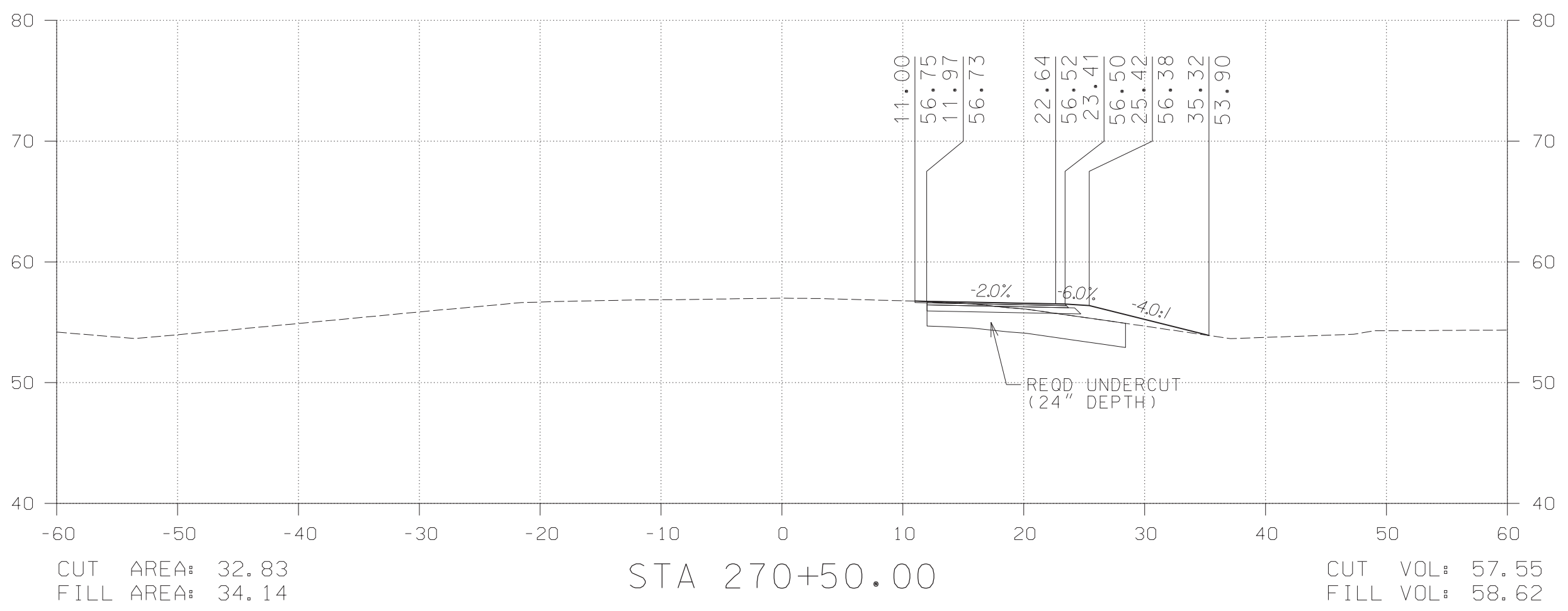
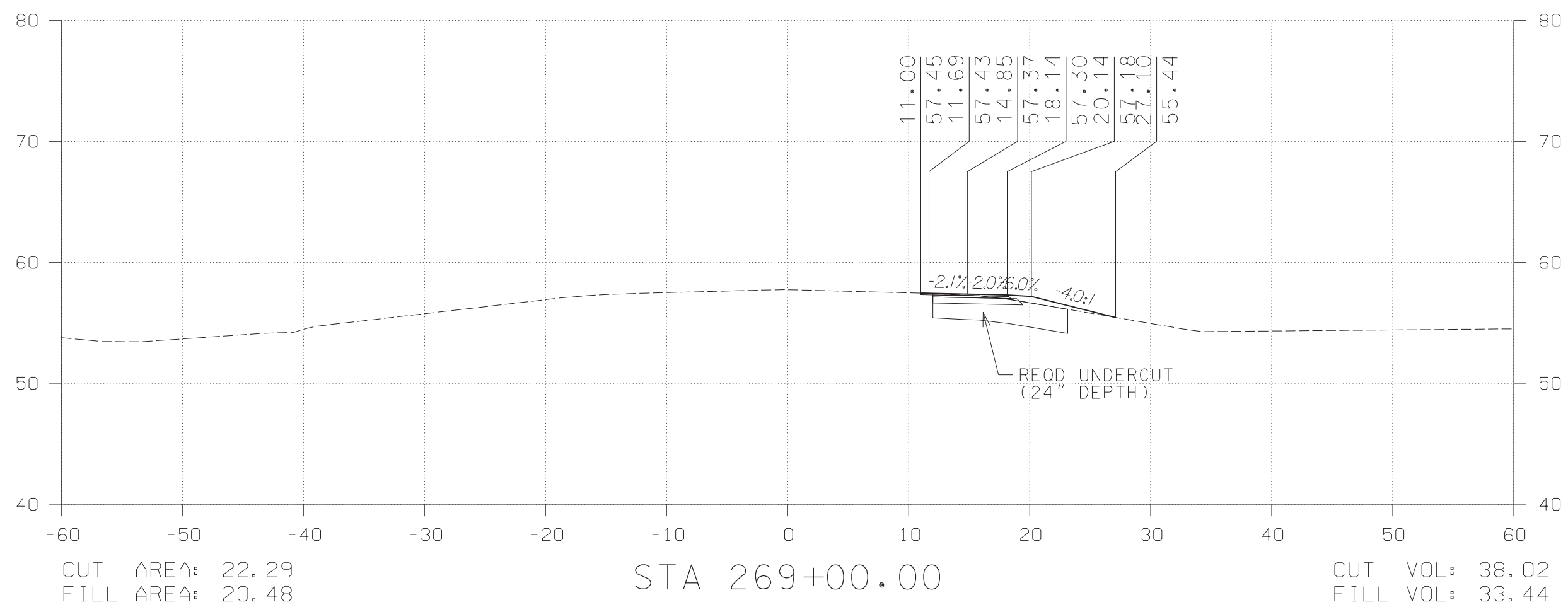
	PROJECT HSIP-0219(250) CONSTRUCTION OF SEPT. LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	400-3020-5138 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	DESIGNED	COUNTY	DATE	SHEET NUMBER
								CHECKED	BALDWIN	01/31/2020	120
CROSS SECTIONS				DETAILED	ROUTE	FOLEY BEACH EXPRESS	SCALE	1"=10'	SERIES NUMBER	1 OF 2	
				CHECKED							
								REVIEWED	CDW	08.19.002	



STA 273+50.00 TO STA 273+50.00, BL CONST FBE NBR

	PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		400-3020-5139 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	CROSS SECTIONS	SHEET TITLE	DESIGNED	COUNTY	DATE	SHEET NUMBER
						CHECKED	BALDWIN	01/31/2020	121
						DETAILED	ROUTE	SCALE	
						CHECKED	FOLEY BEACH EXPRESS	1"=10'	
		REVIEWED	PROJECT NUMBER	CDW	OB.19.002	SERIES NUMBER	2 OF 2		
		NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY				

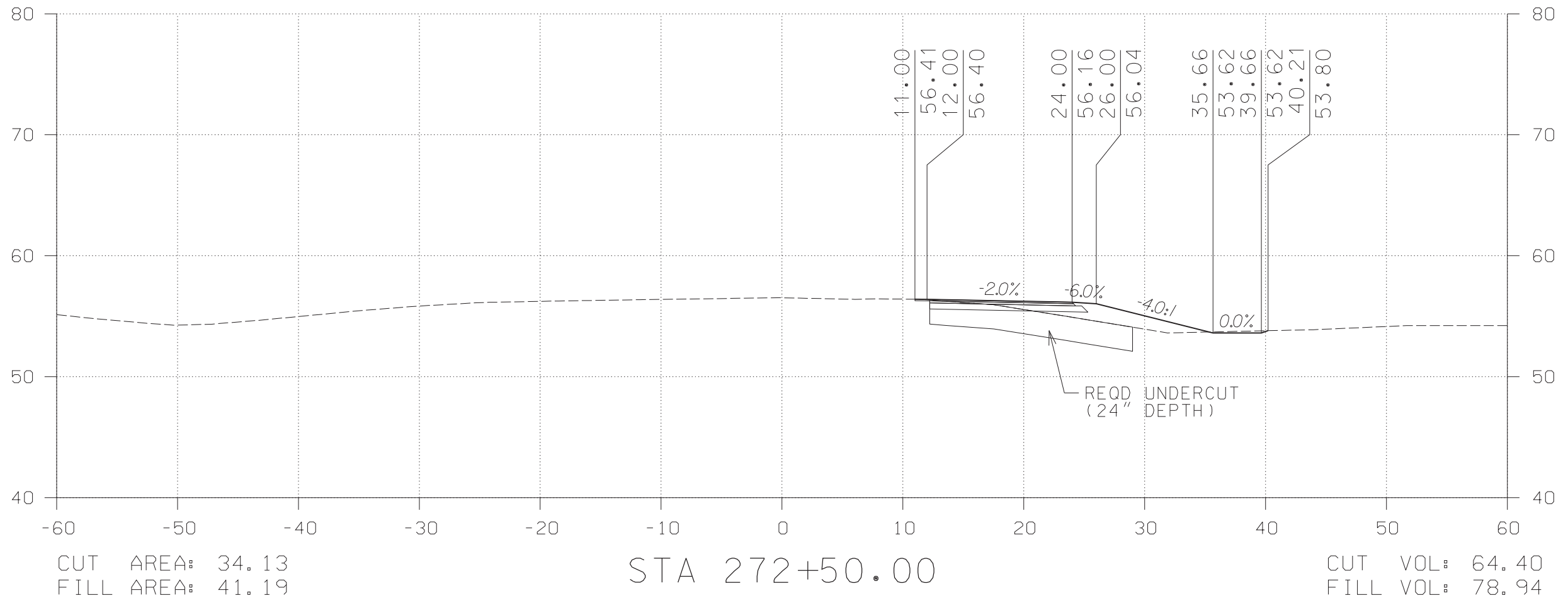
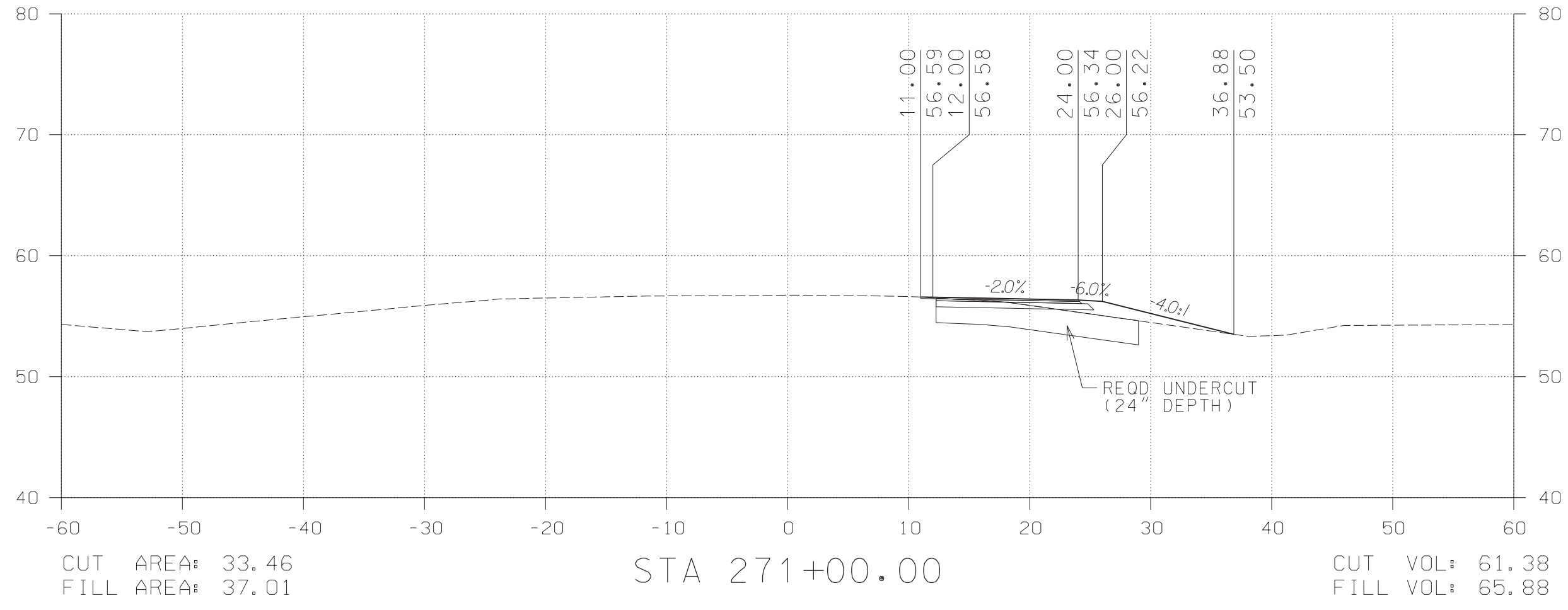
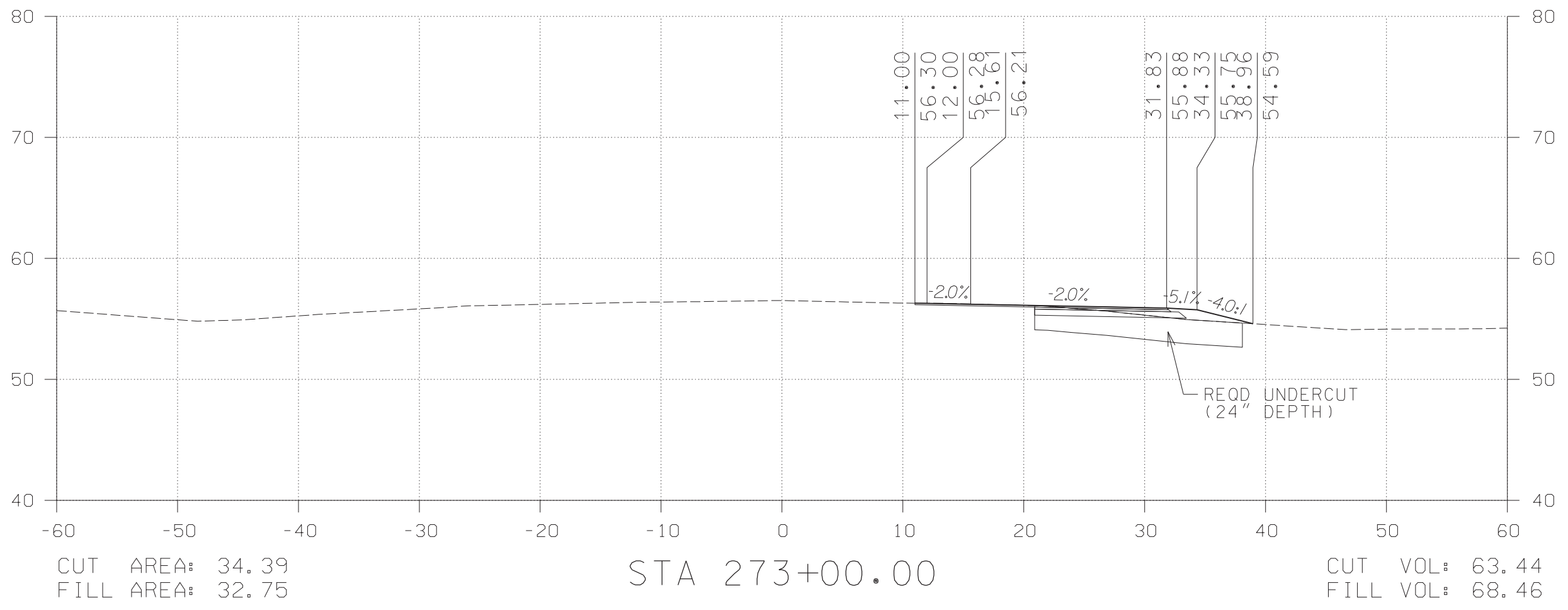
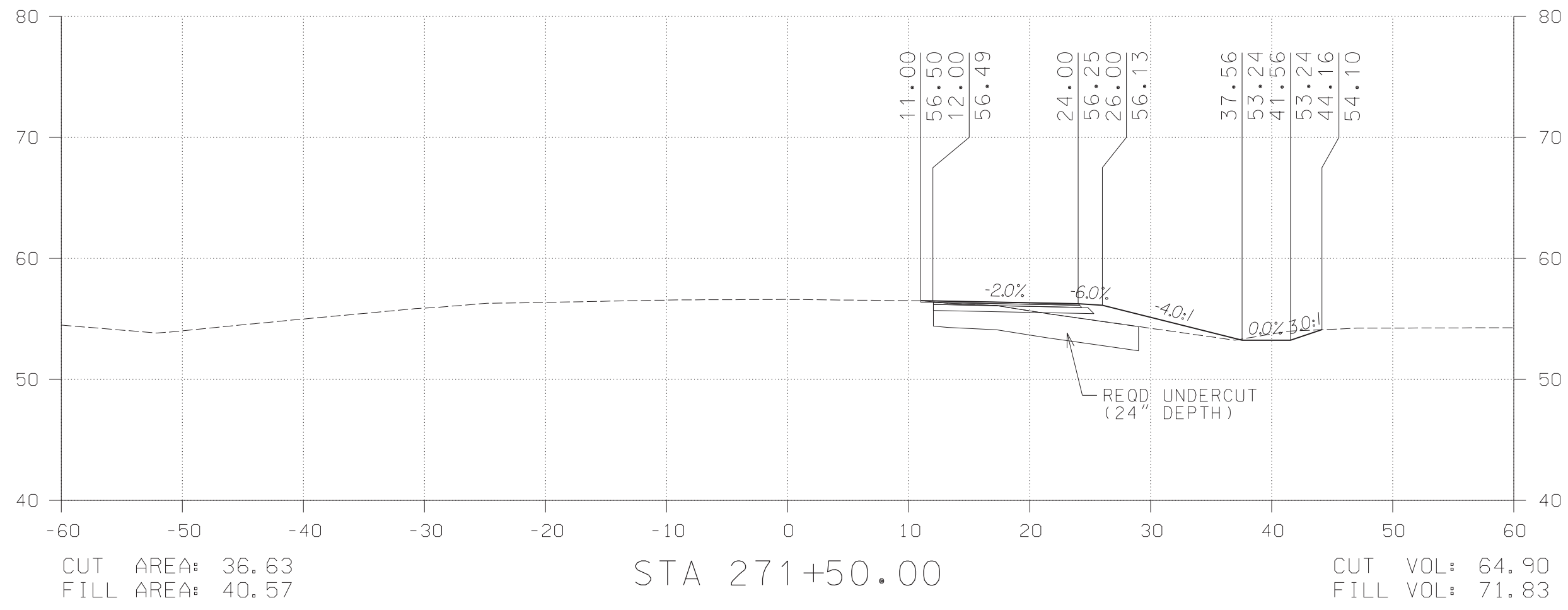
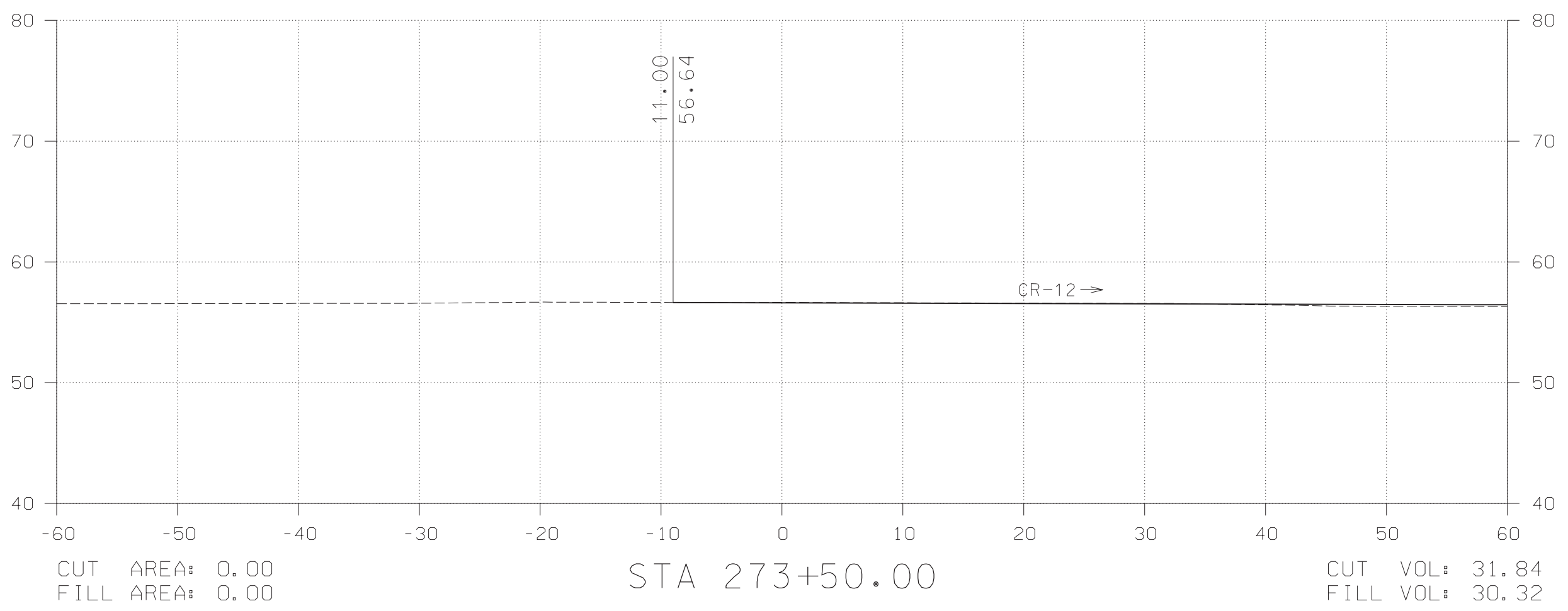
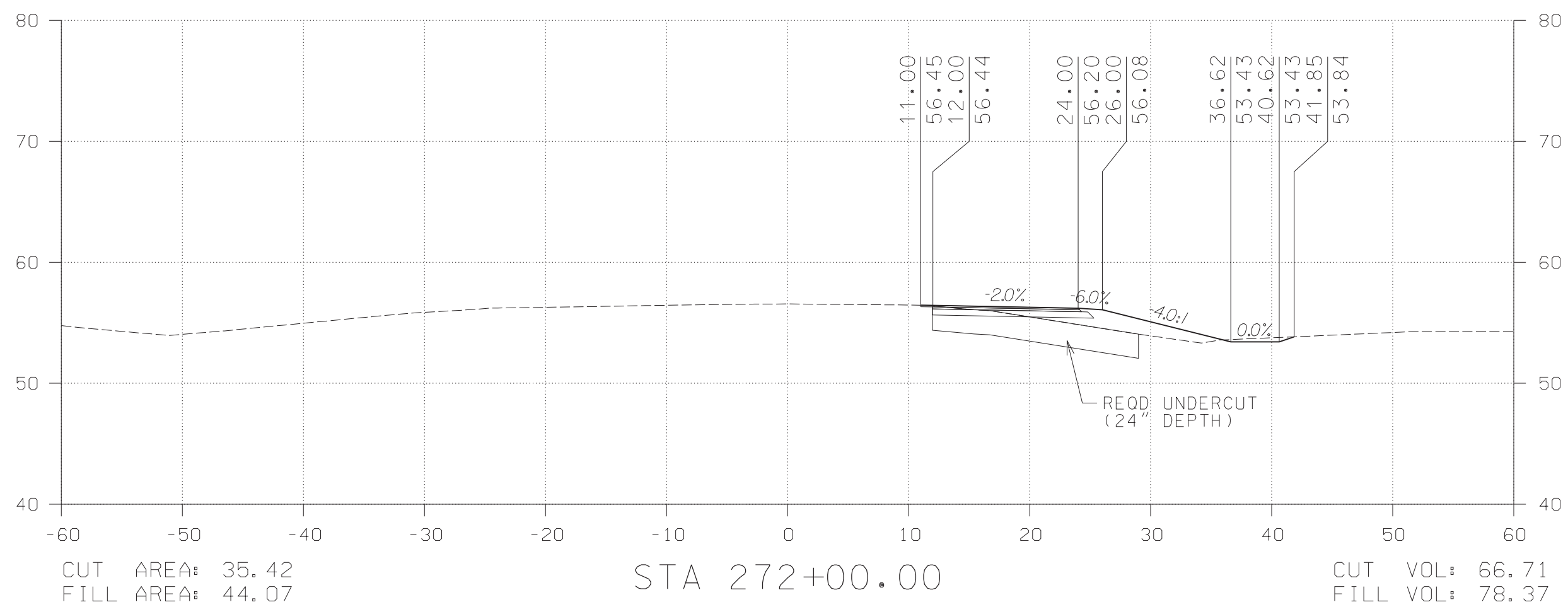
400-3020-5139
ADDITIVE ALTERNATE NO. 1




ADDITIVE ALTERNATE NO. 1: STA 268+36.65 TO STA 270+50.00, BL CONST FBE NBR

	PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		400-3020-5139 INTERSECTION IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12	CROSS SECTIONS				SHEET TITLE	
				NO. DATE REVISION OR CHANGE ORDER DESCRIPTION BY					
DESIGNED	CHECKED	DETAILED	CHECKED	REVIEWED	CDW	PROJECT NUMBER	OB.19.002	SERIES NUMBER	1 OF 2
COUNTY	BALDWIN	ROUTE	FOLEY BEACH EXPRESS	SCALE	1"=10'	DATE	01/31/2020	SHEET NUMBER	122

400-3020-5139
ADDITIVE ALTERNATE NO. 1




ADDITIVE ALTERNATE NO. 1: STA 271+00.00 TO STA 273+50.00, BL CONST FBE NBR



PROJECT
HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

CROSS SECTIONS



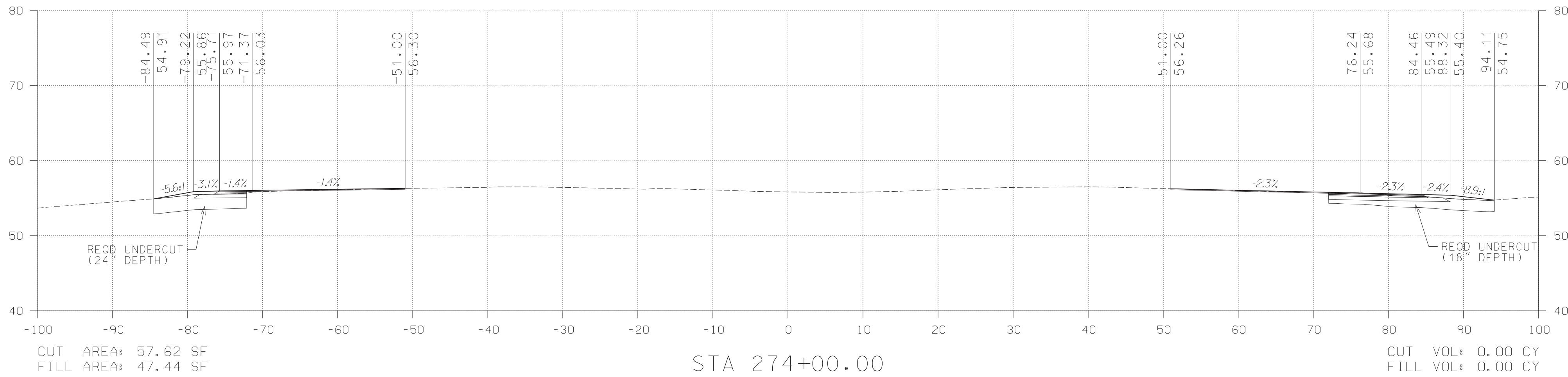
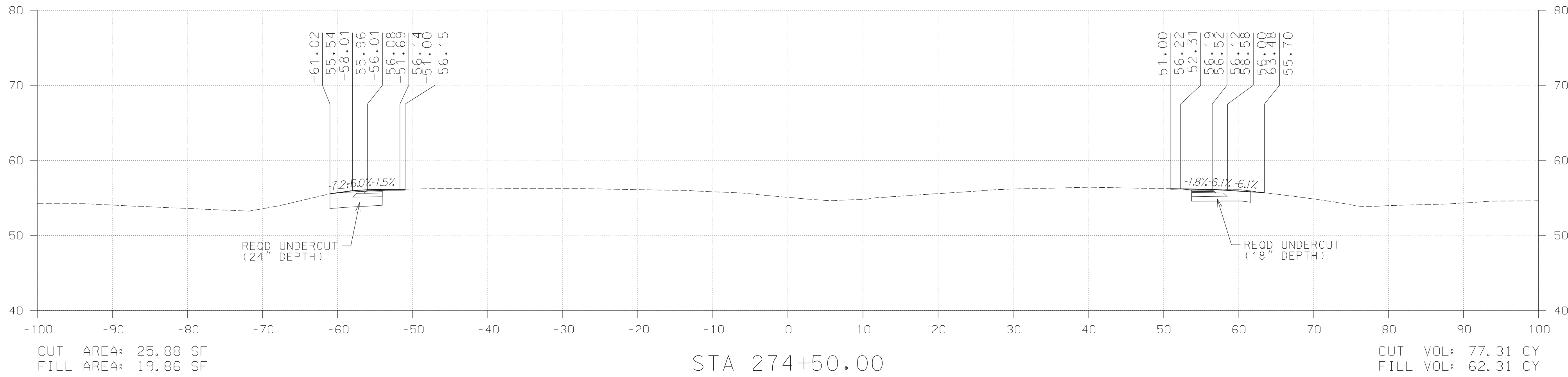
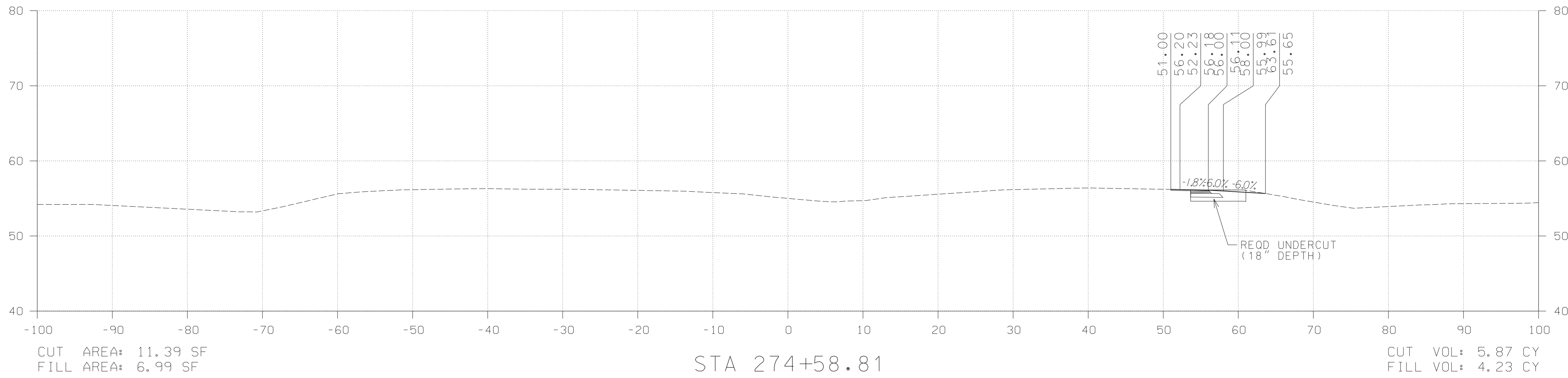
DESIGNED
CHECKED
DETAILED
CHECKED
REVIEWED
CDW
BY

SHEET
NUMBER
123

DATE
01/31/2020

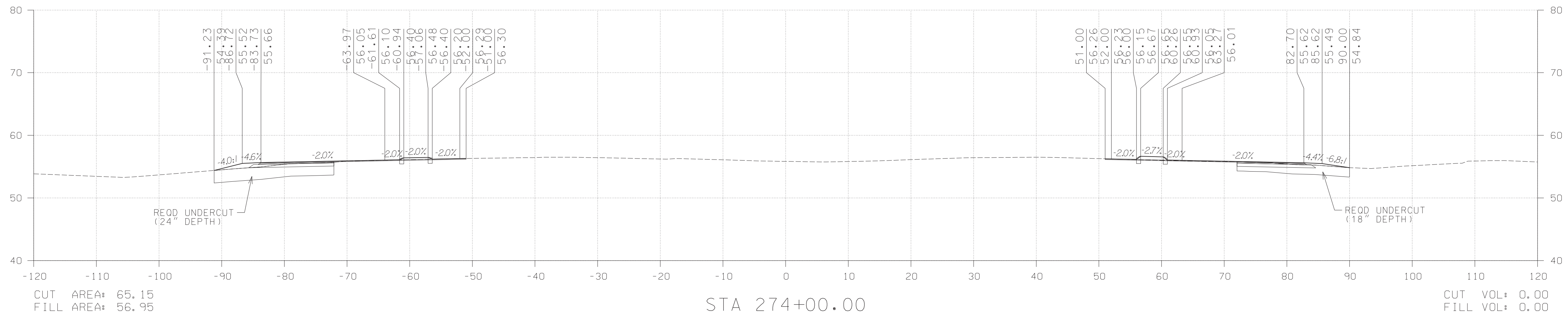
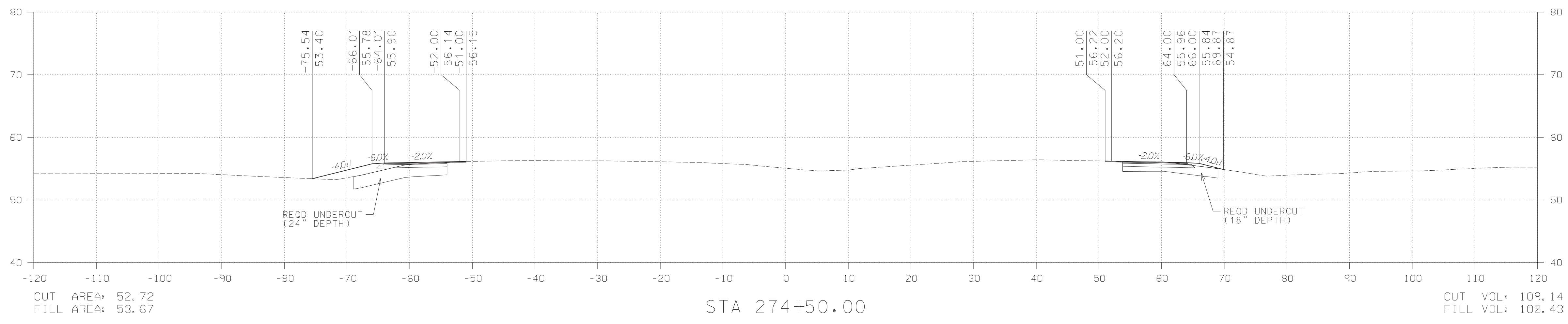
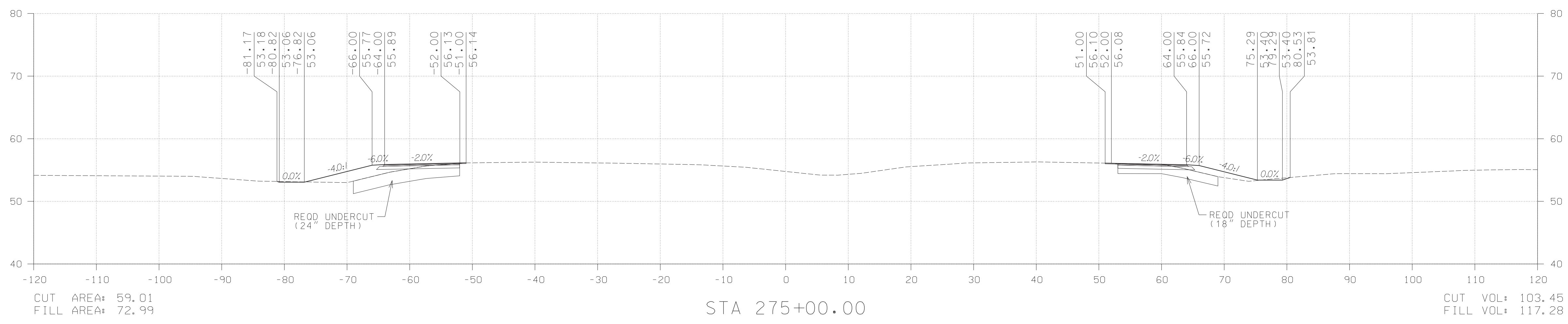
SCALE
1"=10'

SERIES
NUMBER
2 OF 2




STA 274+00.00 TO STA 274+58.81, CL CONST FBE

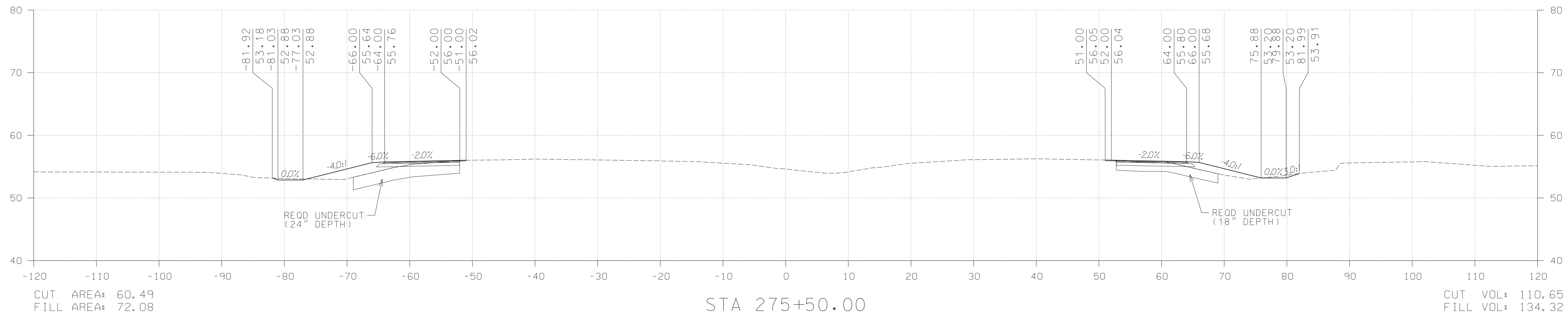
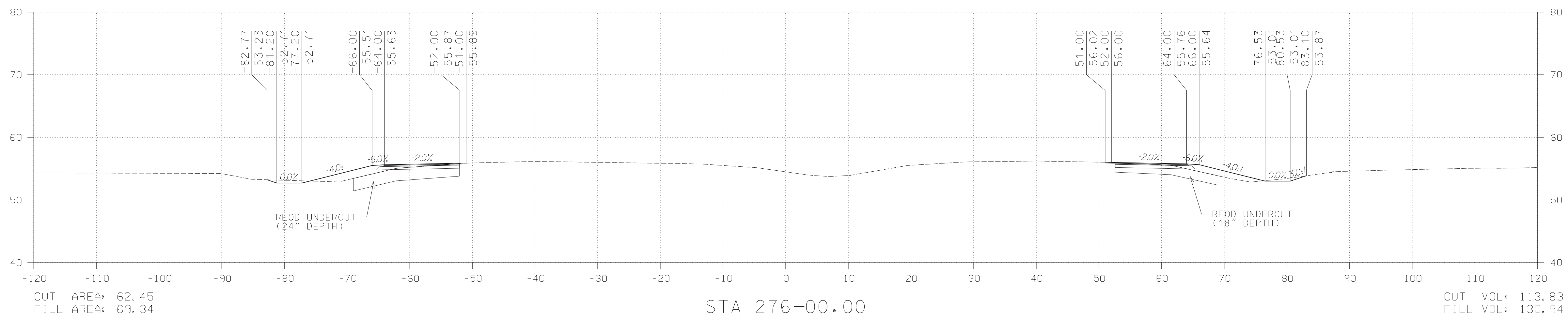
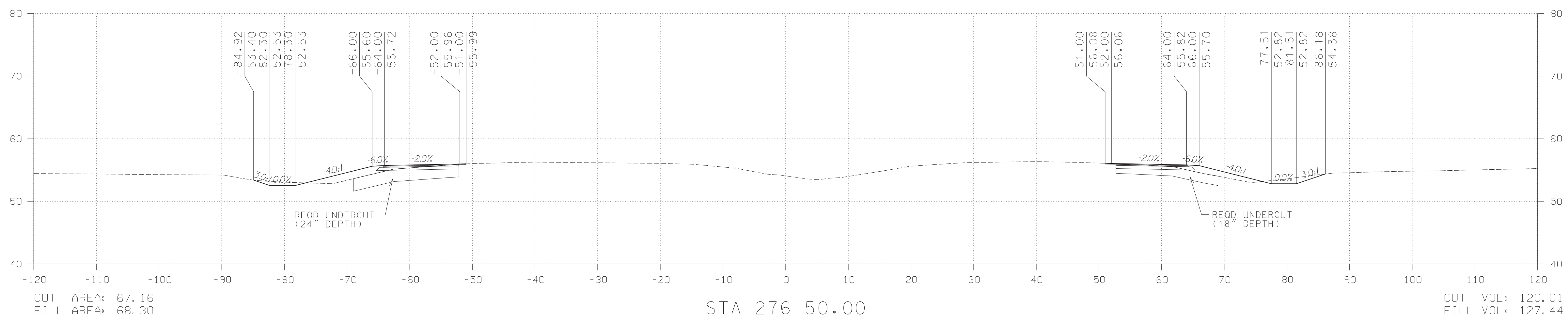
400-3020-5139
ADDITIVE ALTERNATE NO. 1




ADDITIVE ALTERNATE NO. 1: STA 274+00.00 TO STA 275+00.00, CL CONST FBE

	PROJECT	HSP-0219(250) 400-3020-5139 CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12				CROSS SECTIONS			
	INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12								
	SHEET TITLE								
	NO. DATE REVISION OR CHANGE ORDER DESCRIPTION BY								
DESIGNED	CHECKED	COUNTY	BALDWIN	DATE	01/31/2020	SHEET NUMBER	125		
DETAILED	FOLEY BEACH EXPRESS	ROUTE	FOLEY BEACH EXPRESS	SCALE	1"=10'				
CHECKED	CDW	PROJECT NUMBER	08.19.002	SERIES NUMBER	1 OF 6				
REVIEWED	CDW	PROJECT NUMBER	08.19.002	SERIES NUMBER	1 OF 6				

400-3020-5139
ADDITIVE ALTERNATE NO. 1




ADDITIVE ALTERNATE NO. 1: STA 275+50.00 TO STA 276+50.00, CL CONST FBE



PROJECT
HSP-0219(250)
CONSTRUCT OFFSET LEFT
TURN LANES ON FOLEY BEACH
EXPRESS AT CR-12

400-3020-5139
INTERSECTION
IMPROVEMENTS ON FOLEY
BEACH EXPRESS AT CR-12

CROSS SECTIONS



DESIGNED
CHECKED
DETAILED
CHECKED

COUNTY
BALDWIN

ROUTE
FOLEY BEACH
EXPRESS

PROJECT
NUMBER
08.19.002

NO.

DATE

REVISION OR CHANGE ORDER DESCRIPTION

BY

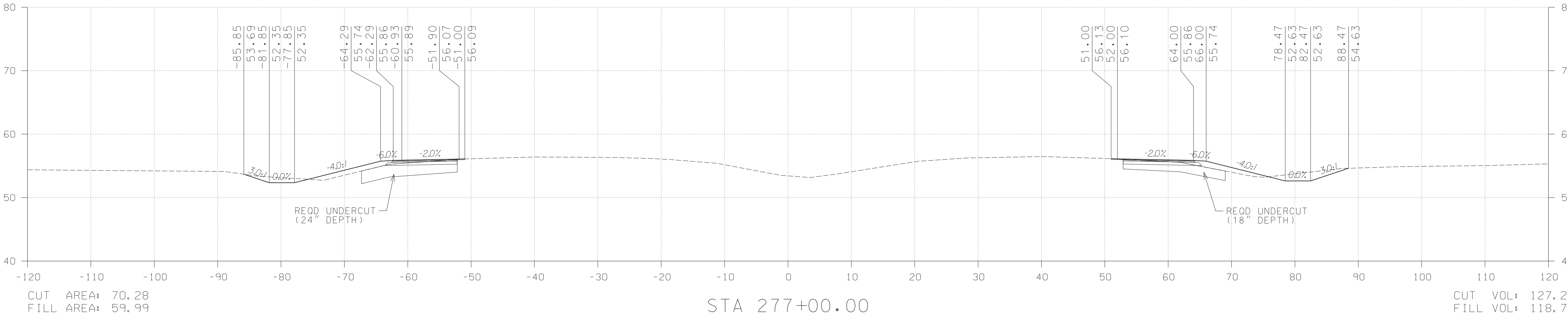
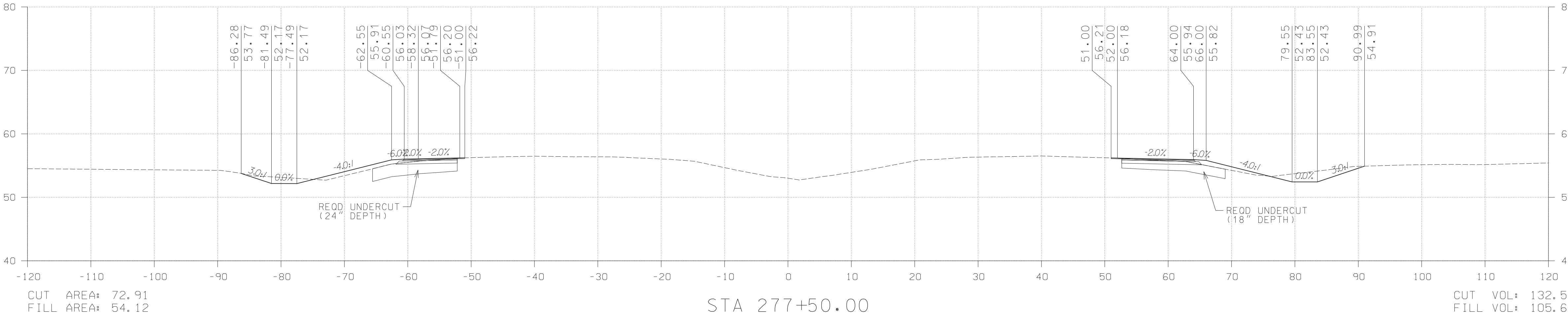
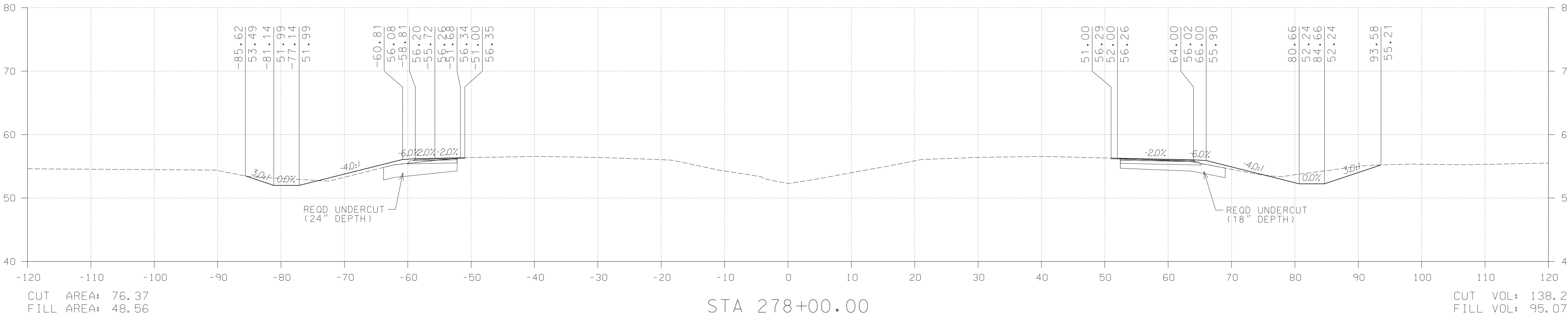
SHEET
NUMBER
126

DATE
01/31/2020

SCALE
1"=10'

SERIES
NUMBER
2 OF 6

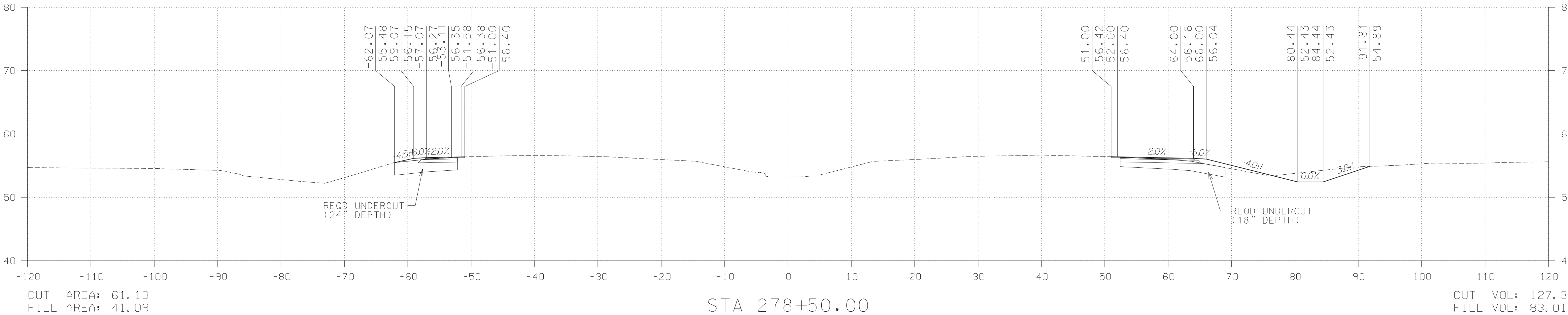
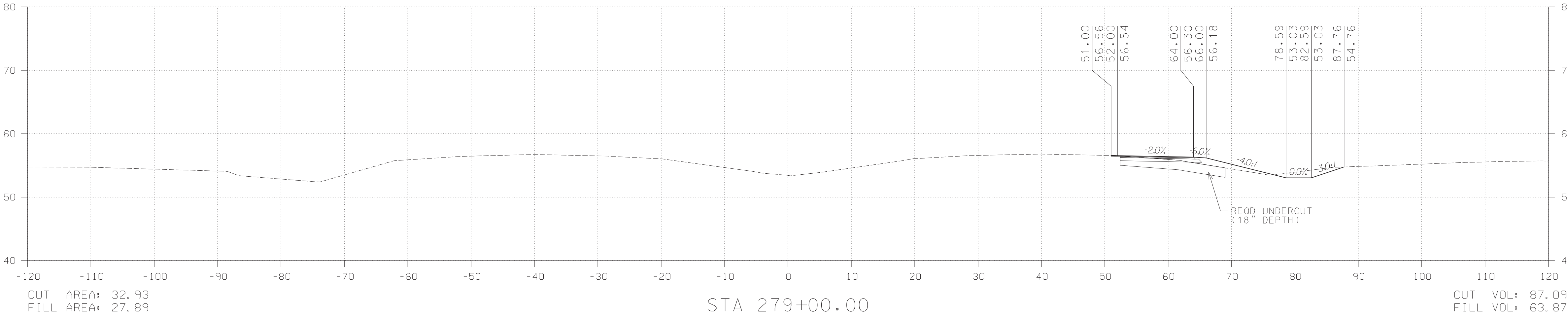
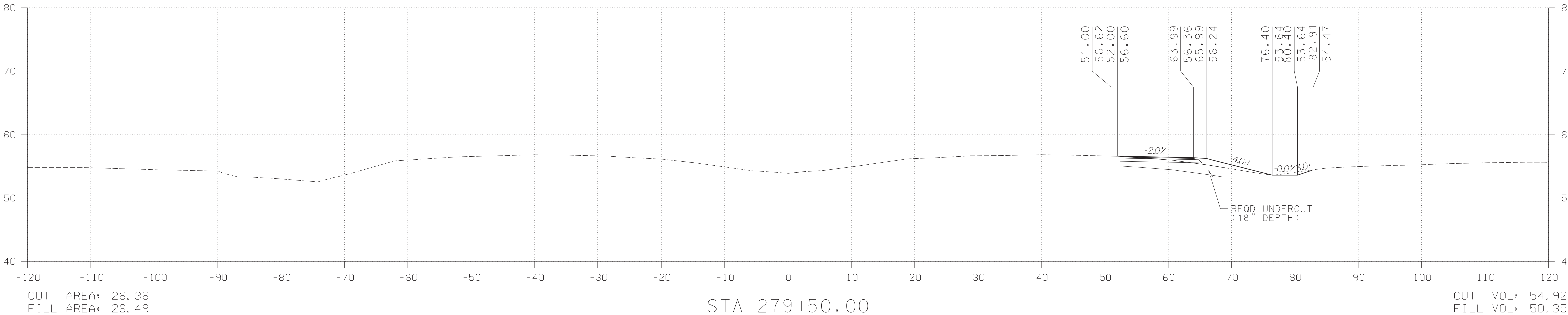
400-3020-5139
ADDITIVE ALTERNATE NO. 1





ADDITIVE ALTERNATE NO. 1: STA 277+00.00 TO STA 278+00.00, CL CONST FBE

<div><div><div></div></div><div><div></div></div></div>	PROJECT	HSP-0219(250) CONSTRUCTION OFFICE LEFT TURN OFF FOLEY BEACH EXPRESS AT CR-12	400-3020-5133 INTERSECTION & IMPROVEMENTS AT FOLEY BEACH EXPRESS AT CR-12	<div><div><div></div></div><div><div></div></div></div>	NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	DESIGNED	COUNTY	BALDWIN	DATE	01/31/2020	SHEET NUMBER	127
									CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE	1"=10'	SERIES NUMBER	

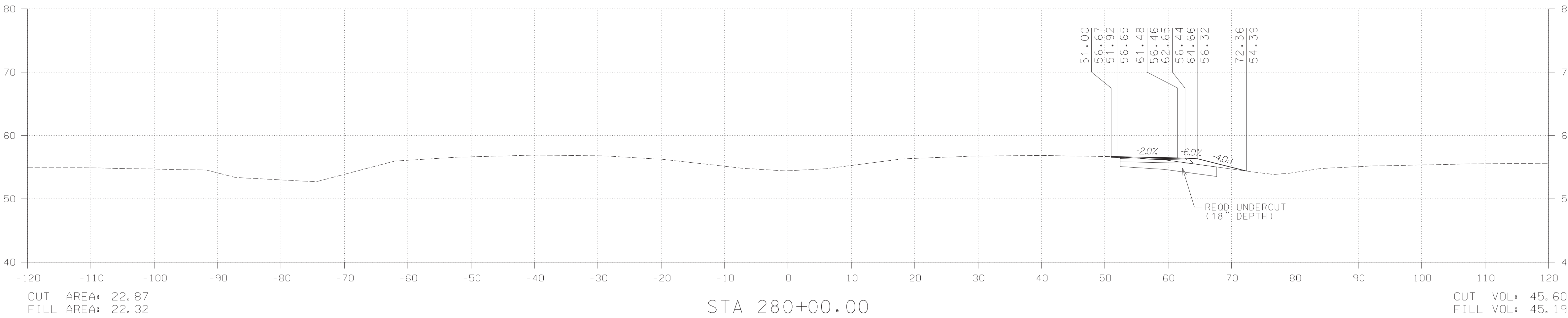
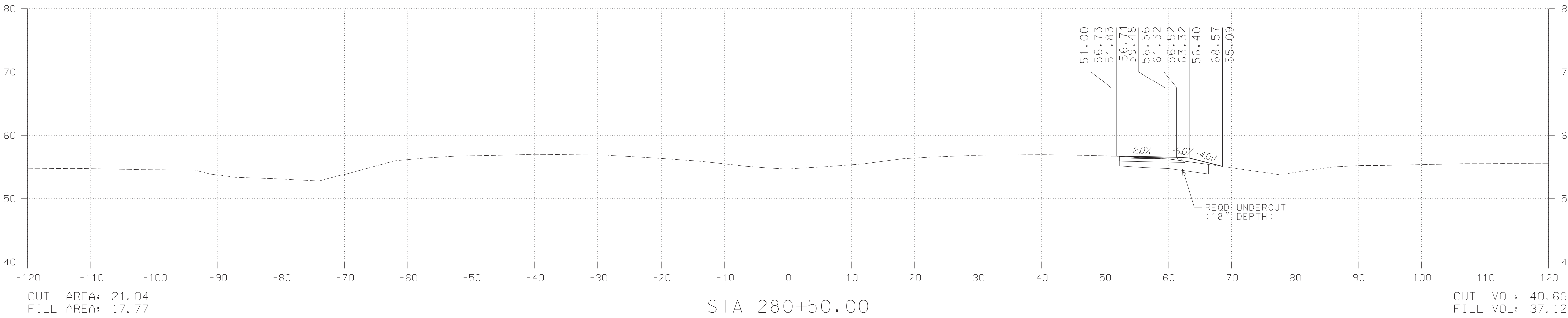
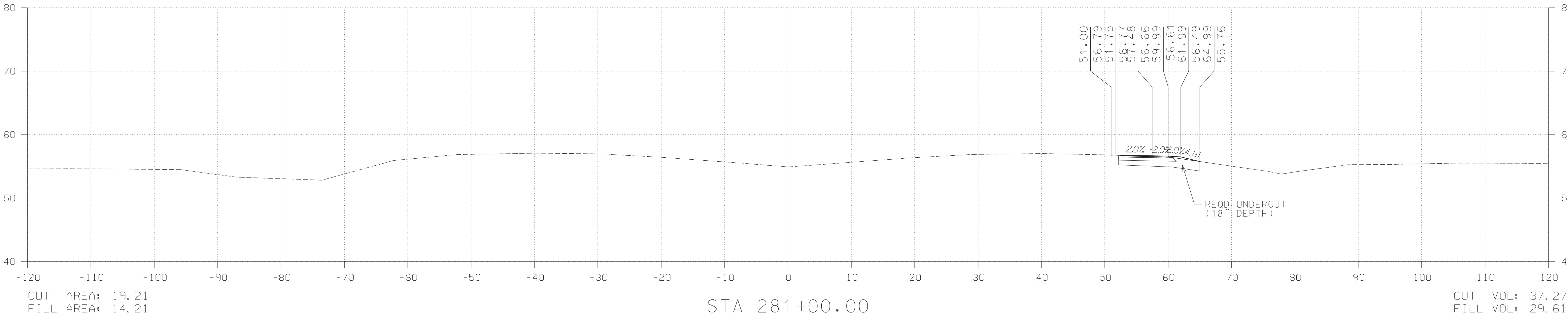
400-3020-5139
ADDITIVE ALTERNATE NO. 1



ADDITIVE ALTERNATE NO. 1: STA 278+50.00 TO STA 279+50.00, CL CONST FBE

	PROJECT HSIP-0219(250) CONSTRUCTION OFFICE LEFT TURN OFF RAMP TO FOLEY BEACH EXPRESS AT CR-12		NO. DATE REVISION OR CHANGE ORDER DESCRIPTION BY		DESIGNED CHECKED DETAILED CHECKED	COUNTY BALDWIN ROUTE PROJECT CDW	DATE 01/31/2020 SCALE 1"=10' SERIES NUMBER OB.19.002	SHEET NUMBER 128 4 OF 6
	CROSS SECTIONS							

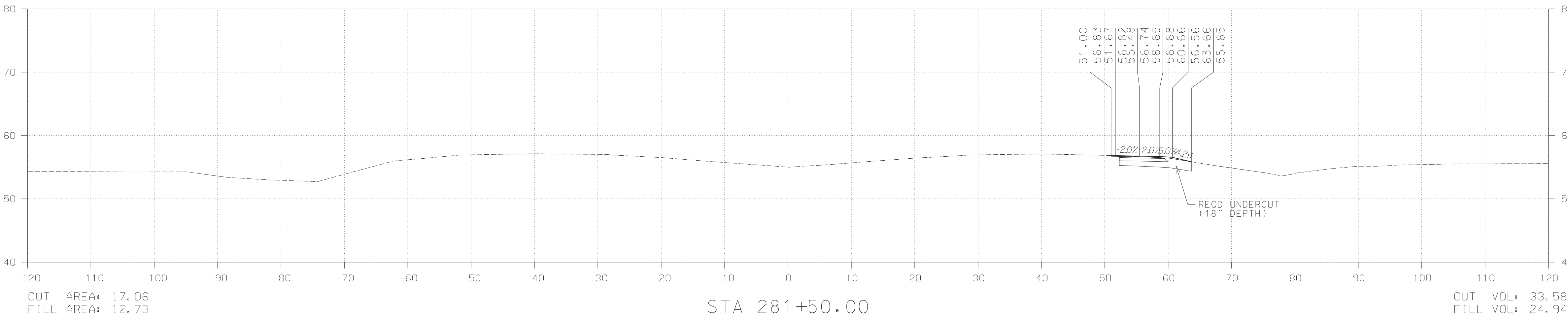
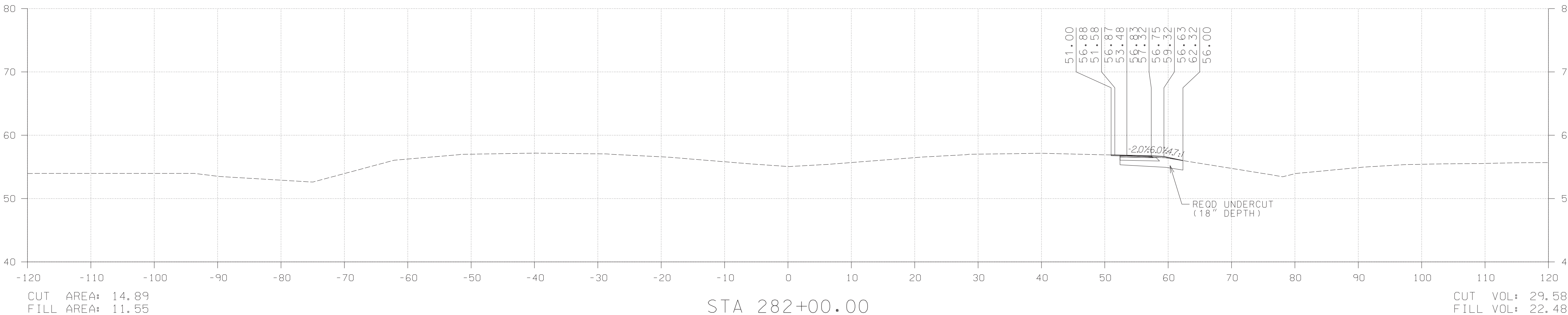
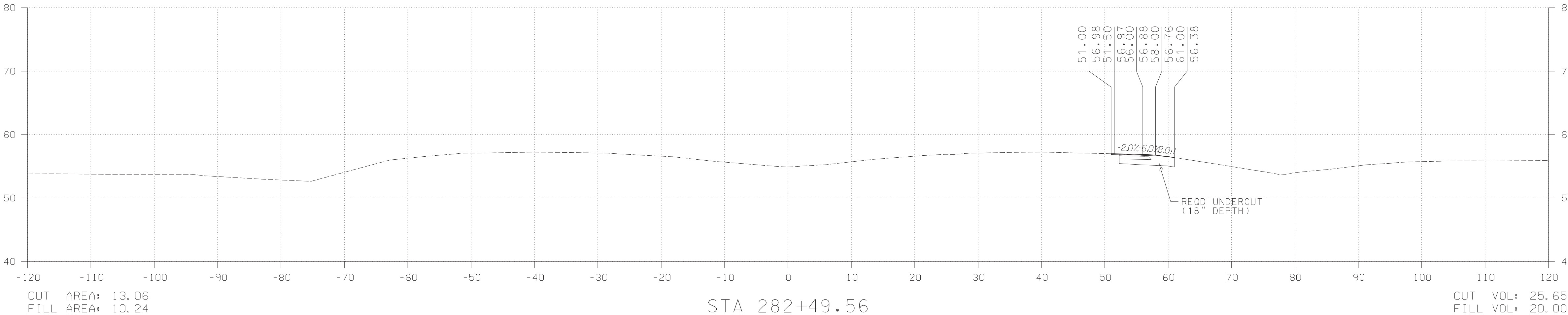
400-3020-5139
ADDITIVE ALTERNATE NO. 1





ADDITIVE ALTERNATE NO. 1: STA 280+00.00 TO STA 281+00.00, CL CONST FBE

<div><div></div><div></div></div>		PROJECT HSP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></div></div>		<div><div></div><div></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400-3020-5139
ADDITIVE ALTERNATE NO. 1



ADDITIVE ALTERNATE NO. 1: STA 281+50.00 TO STA 282+49.56, CL CONST FBE

	PROJECT HSIP-0219(250) CONSTRUCT OFFSET LEFT TURN LANES ON FOLEY BEACH EXPRESS AT CR-12	400-3020-5139 INTERSECTION & IMPROVEMENTS ON FOLEY BEACH EXPRESS AT CR-12		NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY	DESIGNED CHECKED	COUNTY	BALDWIN	DATE 01/31/2020	SHEET NUMBER	130
	CROSS SECTIONS			DETAILED CHECKED	ROUTE	FOLEY BEACH EXPRESS	SCALE 1"=10'	PROJECT NUMBER	CDW	REVIEWED	OB 19.002	SERIES NUMBER	6 OF 6

