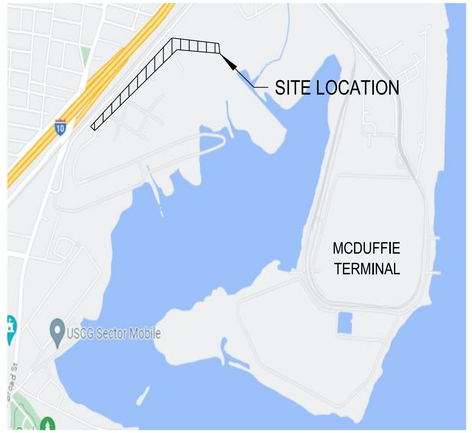
ALABAMA PORT AUTHORITY
PORT OF MOBILE

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

MOBILE, ALABAMA
(11271 TASK 01)



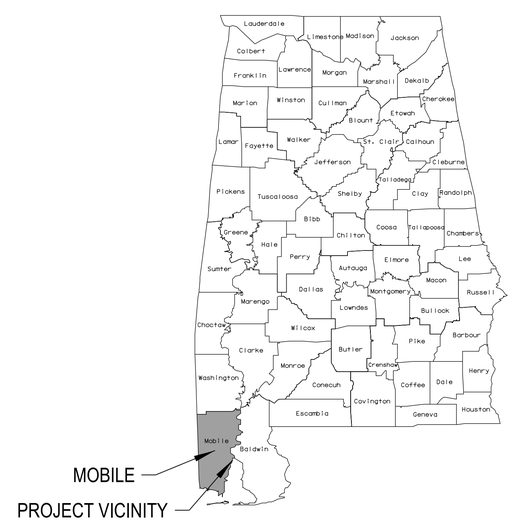
LOCATION MAP
NTS

KAY IVEY, GOVERNOR
JOHN C. DRISCOLL, DIRECTOR AND C.E.O.

ALABAMA STATE PORT AUTHORITY - BOARD OF DIRECTORS

ZEKE SMITH, CHAIRMAN

ALVIN K. HOPE II, 1ST VICE CHAIRMAN
CARL JAMISON, 2ND VICE CHAIR
TONY COCHRAN
DR. PATRICIA SIMS
GARY SMITH
ROBERT HOPE
BRANDON BISHOP
SANDY STIMPSON, EX-OFFICIO



ALABAMA LICENSED No. 32805 PROFESSIONAL ENGINEER KAYMAN RICHARDSON

04/14/2025

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

INDEX TO SHEETS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1A

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: INDEX TO SHEETS

ROUTE

STANDARD AND SPECIAL DRAWINGS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1B

THE FOLLOWING ARE SPECIAL OR STANDARD DRAWINGS CONTAINED IN THE ALABAMA DEPARTMENT OF TRANSPORTATION SPECIAL AND STANDARD HIGHWAY DRAWINGS BOOK (U.S. CUSTOMARY UNITS OF MEASUREMENTS) DATED 2025 WHICH APPLY TO THIS PROJECT.

INDEX NO	STD-DWG NO		DESCRIPTION
53001	HEP-1		HYDRAULICALLY EQUIVALENT ROUND PIPE (STORM SEWER)
53004	RPC-530	(SHEET 1 OF 3)	BEDDING AND FILL HEIGHTS FOR ALL ROADWAY PIPE CULVERTS (RCP AND CMP)
53005	RPC-530	(SHEET 2 OF 3)	BEDDING AND FILL HEIGHTS FOR ALL ROADWAY PIPE CULVERTS (CMP AND RCP)
53006	RPC-530	(SHEET 3 OF 3)	BEDDING AND FILL HEIGHTS FOR ALL ROADWAY PIPE CULVERTS (H.D.P.E. PIPE)
61901	FE-619	(SHEET 1 OF 2)	DETAILS OF CONCRETE FLARED END SECTION W/ GRATE FOR CONCRETE AND METAL PIPE
61902	FE-619	(SHEET 2 OF 2)	DETAILS OF CONCRETE FLARED END SECTION W/ GRATE FOR CONCRETE AND METAL PIPE
61905	HW-614-B (PC)	(SHEET 1 OF 2)	PRECAST SLOPE PAVED HEADWALL DETAILS FOR RCP AND CMP ROADWAY PIPE
61906	HW-614-B (PC)	(SHEET 2 OF 2)	PRECAST SLOPE PAVED HEADWALL DETAILS FOR RCP AND CMP ROADWAY PIPE
61909	HW-614-B	(SHEET 1 OF 2)	SLOPE PAVED HEADWALL DETAILS FOR REINFORCED CONCRETE AND CORRUGATED METAL ROADWAY PIPE
61910	HW-614-B	(SHEET 2 OF 2)	SLOPE PAVED HEADWALL DETAILS FOR REINFORCED CONCRETE AND CORRUGATED METAL ROADWAY PIPE
61913	HW-614-SP		CONCRETE SLOPE PAVED HEADWALL AND GRATE FOR SIDEDRAIN PIPE
61916	HW-614-SP (PC)		PRECAST CONCRETE SLOPE PAVED HEADWALL AND GRATE FOR SIDEDRAIN PIPE, 18" THRU 30", 15 DEGREES MAX SKEW
62160	JB-620-B		DETAILS OF JUNCTION BOX TYPE - 1 FOR 15" - 60" PIPE (0 - 10' FILL HEIGHT)
62163	JB-621-P (PC)	(SHEET 1 OF 2)	DETAILS OF PRECAST ROUND JUNCTION BOX TYPES - 1P & 2P
62164	JB-621-P (PC)	(SHEET 2 OF 2)	DETAILS OF PRECAST RECTANGULAR JUNCTION BOX TYPES - 1P & 2P
62183	MH-621-2	(SHEET 1 OF 5)	DETAILS OF CONCRETE OR BRICK MANHOLE (TYPE L) CONSTRUCTED IN PLACE FOR 6" - 42" PIPE
62186	MH-621-2	(SHEET 4 OF 5)	DETAILS OF PRECAST CONCRETE MANHOLE (TYPE M) FOR 6" - 72" PIPE
62187	MH-621-2	(SHEET 5 OF 5)	DETAILS OF PRECAST CONCRETE MANHOLE (TYPE M) FOR 6" - 72" PIPE

INDEX NO	STD-DWG NO	DESCRIPTION
66501	ESC-100-1	BEST MANAGEMENT PRACTICE REFERENCE MATRIX
66502	ESC-100-2	BEST MANAGEMENT PRACTICE REFERENCE MATRIX
66505	ESC-200-1	TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS
66506	ESC-200-2	DETAILS OF TEMPORARY SLOPE DRAIN, BERMS, AND ENERGY DISSIPATOR
66507	ESC-200-3	DETAILS OF SEDIMENT BARRIER APPLICATIONS
66508	ESC-200-4	DETAILS OF SILT FENCE INSTALLATION
66509	ESC-200-5	DETAILS OF SEDIMENT RETENTION BARRIER
66512	ESC-300-1	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS
66513	ESC-300-2	DETAILS OF HAY BALE DITCH CHECKS
66514	ESC-300-3	DETAILS OF SANDBAG DITCH CHECK
66515	ESC-300-4	DETAILS OF EROSION CONTROL WATTLE DITCH CHECKS
66517	ESC-300-6	DETAILS OF ROCK DITCH CHECKS
66518	ESC-300-7	DETAILS OF ROCK DITCH CHECKS WITH SUMP EXCAVATION
66519	ESC-300-8	DETAILS OF SILT FENCE DITCH CHECKS
66522	ESC-400-1	INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS
66523	ESC-400-2	INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES AND SAGS
66524	ESC-400-3	INLET PROTECTION DETAILS OF WATTLES
66525	ESC-400-4	INLET PROTECTION DETAILS OF SILT FENCE

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: STANDARD AND SPECIAL DRAWINGS

ROUTE

STANDARD AND SPECIAL DRAWINGS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1C

THE FOLLOWING ARE SPECIAL OR STANDARD DRAWINGS CONTAINED IN THE ALABAMA DEPARTMENT OF TRANSPORTATION SPECIAL AND STANDARD HIGHWAY DRAWINGS BOOK (U.S. CUSTOMARY UNITS OF MEASUREMENTS) DATED 2025 WHICH APPLY TO THIS PROJECT.

INDEX NO	STD-DWG NO		DESCRIPTION
66526	ESC-400-5		INLET PROTECTION DETAILS OF SAND BAGS
66529	ESC-501		FLOATING BASIN BOOM
66532	ESC-502		STABILIZED CONSTRUCTION ENTRANCE
66535	ESC-503		TEMPORARY DEWATERING STRUCTURES
71017	IHS-710-12		DETAILS OF ROADWAY SIGN POST (SMALL CHANNEL AND TUBULAR SECTION)
71032	IHS-710-21		DETAILS FOR LOCATION AND MOUNTING OF STANDARD FLAT PANEL SIGNS ON U-CHANNEL AND TUBULAR POSTS
71035	IHS-710-23		LIGHTWEIGHT STRUCTURAL SIGN SUPPORT INSTALLATIONS
71094	SHS-30		STANDARD HIGHWAY SIGNS
74001	B-107-2		PERFORATED SQUARE STEEL TUBING (PSST) BARRICADES TYPE I, TYPE II, AND TYPE III & VERTICAL PANELS TYPE I AND TYPE II
74007	TCD-100		DETAILS OF TRAFFIC CHANNELIZATION DEVICES
74201	PCMS-710	(SHEET 1 OF 3)	DETAILS OF PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)
74202	PCMS-710	(SHEET 2 OF 3)	DETAILS OF PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)
74203	PCMS-710	(SHEET 3 OF 3)	DETAILS OF PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: STANDARD AND SPECIAL DRAWINGS

ROUTE

PLANS LEGEND SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1E

ROADWAY

CENTER LINE ..... 55+00
STATE BOUNDARY LINE .....
COUNTY BOUNDARY LINE .....
CITY OR TOWN LIMITS .....
SECTION LINES ..... SEC 22 / SEC 23
QUARTER-SECTION LINES .....
RANGE-TOWNSHIP LINES ..... R-17-E / R-18-E
PROPERTY LINES .....
PRESENT ROW .....
ACQUIRED ROW .....
DENIED ACCESS .....
REQUIRED FENCE .....
CONSTRUCTION LIMITS ..... CONST LIM
CLEARING LIMITS .....
RAILROAD .....
EXISTING WOOD FENCE .....
EXISTING BARBED WIRE FENCE .....
EXISTING CHAIN LINK FENCE .....
EXISTING ELECTRIC FENCE .....
EXISTING HOG WIRE FENCE .....
TREES .....
WOODS LINE .....
MARSH .....
EXISTING DITCH .....
REQUIRED DITCH.....
GRAVEL ROAD .....
EXISTING GUARDRAIL .....
REQUIRED GUARDRAIL .....
SATELLITE DISH .....
TRAFFIC LIGHT .....
BENCH MARK .....
SURVEY POINT .....
ENVIRONMENTAL CLEARED LIMITS ..... ENV

EXISTING PIPE .....
REQUIRED PIPE (WITH PIPE END TREATMENT).....
REQUIRED PIPE END TREATMENT.....
EXISTING BOX CULVERT .....
REQUIRED BOX CULVERT .....
EXTENDED CULVERT .....
DROP INLET OR JUNCTION BOX (SEE PLANS DESCRIPTION).....
BRIDGE .....
PIPE CULVERT (ELEVATION VIEW) ..... FL=410.25
BOX CULVERT (ELEVATION VIEW) ..... FL=410.25

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.

8/88 — REQD 18" RCP — 9/88

ROADWAY PIPE EXAMPLE

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.

SD/4 — REQD 18"

SIDE DRAIN PIPE EXAMPLE

DIRECTION OF FLOW .....

UTILITIES

	EXISTING	PROPOSED
POWER POLE		
LIGHT POLE		
TELEPHONE POLE		
ANCHOR		
STUB (POWER)		
STUB (TELEPHONE)		
ELECTRIC DUCT	EL 4MTD	EL 4MTD
BURIED ELECTRIC CABLE	BE	BE
OVERHEAD ELECTRIC CABLE	OE	OE
ELECTRIC MANHOLE	E	E
TOWER		
TELEPHONE PEDESTAL	T	T
TELEPHONE DUCT	TP 4MTD	TP 4MTD
BURIED TELEPHONE CABLE	BTC	BTC
OVERHEAD TELEPHONE CABLE	OTC	OTC
TELEPHONE MANHOLE	TMH	TMH
SANITARY SEWER	S	SS
WATER LINE	W	W
WATER MAIN	WM	WM
WATER VALVE	W	W
FIRE HYDRANT		
WATER METER		
GAS LINE	G	G
GAS MAIN	GM	GM
GAS VALVE	G	G
GAS REGULATOR	G	G
BURIED CABLE TELEVISION.....	BTV	BTV
OVERHEAD CABLE TELEVISION.....	OTV	OTV

EXISTING PAVEMENT (RETAIN).....
EXISTING PAVEMENT (REMOVE).....
EXISTING PAVEMENT (RETAIN AND OVERLAY)....
CONCRETE (EXISTING OR REQUIRED).....
EXISTING CONCRETE (REMOVE).....
RIP RAP (EXISTING OR REQUIRED).....
BRICK (EXISTING OR REQUIRED).....
EXISTING BRICK (REMOVE).....

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: PLANS LEGEND SHEET

ROUTE

PLANS LEGEND SHEET ABBREVIATIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1F

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 ℄
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	℄
CHAIN LINK	C/L
CLASS	CLS
CONCRETE	CONC
CONNECTION	CONN
CONSTRUCTION LIMITS	CONST LIM
CORNER	COR
CORRECTION	CORR
CORRUGATED IRON	CORI
CORRUGATED METAL	CM
CORRUGATED METAL PIPE	CMP
CORRUGATED PLASTIC PIPE	CPP
COUNTY	CO
COUNTY ROAD	CO-RD
CREEK	CK
CROSS SECTION	X-SECT
CROWN REMOVED	CR
CUBIC FEET	FT3 or CU FT
CUBIC FEET PER SECOND	CFS
CUBIC YARD	YD3 or CU YD
CUBIC METERS	M3
CULVERT	CULV
CULTIVATED	CULT
CURB FACE	CF
CURB AND GUTTER	C&G
CUT	C
CURVE TO SPIRAL	CS
DECELERATION	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	EL or ELEV
END OF RETURN	ER
END ANCHOR	E/A
END OF PROJECT	EOP
EQUATION	EQ
EROSION CONTROL PRODUCTS	ECP
EXCAVATION	EXCAV
EXISTING	EX
EXPANSION	EXP
EXTENSION	EXT
EXTERNAL	E
EXTRA STRENGTH	EXT STR
FEET	FT
FILL	F
FILTER BLANKET	FLT BLNK
FINISHED GRADE	FG
FINISHED SURFACE	FS
FISCAL YEAR	FY
FIXED	FIX
FLAT BOTTOM	FB
FLOW LINE	FL or ℄L
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	HDWL
HECTARE	HA
HIGH WATER MARK	HWM
HEIGHT	HT
HEIGHT OF INSTRUMENT	HI
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	L
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 TO 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	PCC
POINT OF CURVATURE	PC
POINT OF REVERSE CURVATURE	PRC
POINT OF ENDING	POE
POINT OF INTERSECTION	PI
POINT OF TANGENCY	PT
POINT ON CURVE	POC
POUND	LB
PRESENT	PRES
PROFILE GRADE	PG
PROJECT	PROJ
PROJECT CONTROL	PJC
PROPERTY LINE	℄
PROPOSED	PROP
QUADRUPLE	QUAD
QUADRUPLE BARREL CULVERT	CQ
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	SHLD
SIDE DRAIN	SD
SIDEWALK	SW
SIGHT DISTANCE	S DIST
SINGLE BARREL CULVERT	CS
SKEW	SK
SLOPE STAKE	SST
SOLID SODDING	SOL SOD
SOUTH	S
SOUTH BOUND ROADWAY	SBR
SPECIAL	SP
SPECIAL DITCH	SP-DT
SPECIAL DITCH LEFT	SDL
SPECIAL DITCH MEDIAN	SDM
SPECIAL DITCH RIGHT	SDR
SPECIAL DRAWING	SP-DWG
SPECIFICATIONS	SPEC
SPRING LINE	SL
SPIRAL TO CURVE	SC
SPIRAL POINT OF INTERSECTION	SPI
SPIRAL TO TANGENT	ST
SQUARE	SQ
SQUARE FEET	FT2 or SQ FT
SQUARE METERS	M2
SQUARE YARD	YD2 or SQ YD
STAKE	STK
STANDARD	STD
STANDARD DRAWING	STD-DWG
STANDARD STRENGTH	STD STR
STATION	STA
STATION & ELEVATION	S/E
STATION & OFFSET	SO
STOPPING SIGHT DISTANCE	SSD
STREET	ST
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	BTV
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

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

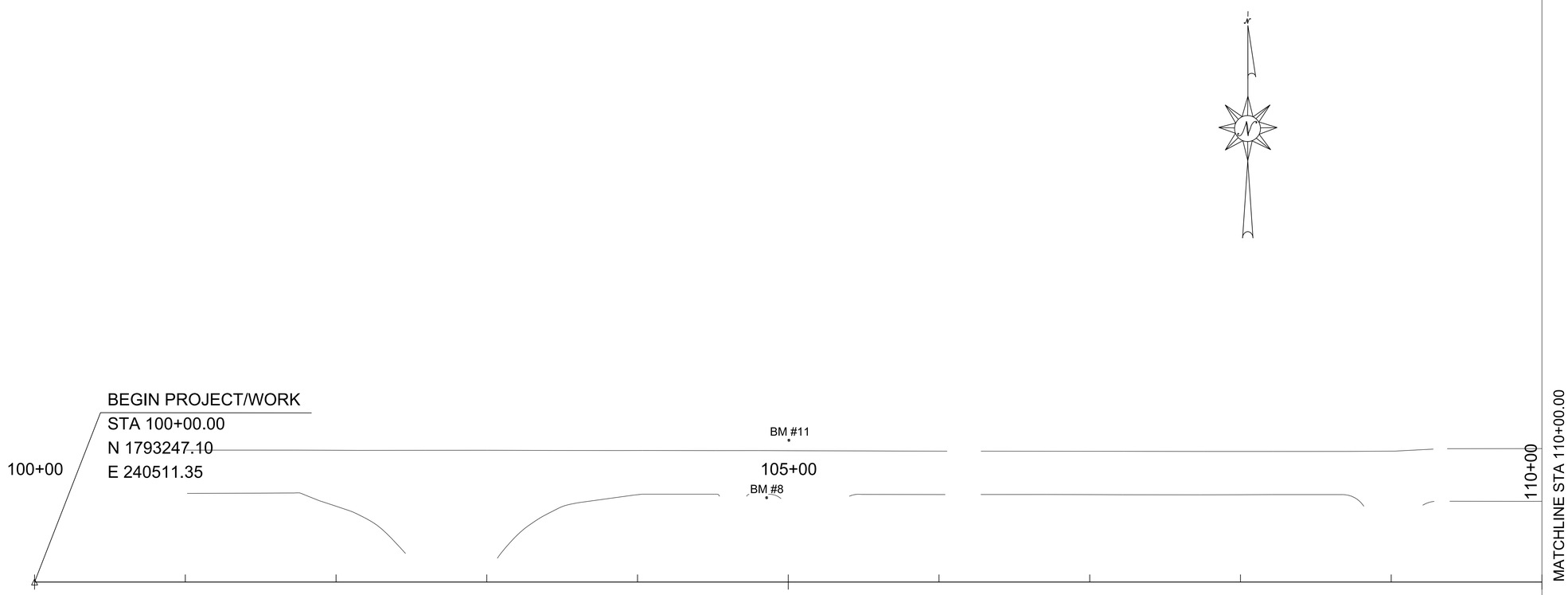
NOT TO SCALE

SHEET TITLE: PLANS LEGEND SHEET ABBREVIATIONS

ROUTE

PRIMARY SURVEY CONTROL AND GEOMETRIC LAYOUT SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1G



HORIZONTAL AND VERTICAL CONTROL POINT LISTING AND DESCRIPTION							
POINT	N	E	ELEV	ALIGNMENT	STATION	OFFSET	DESCRIPTION
8	240857.416	1793596.459	12.920	CL DRAINAGE	104+85.66	55.90' LT	CAPPED ROD FOUND
11	240896.430	1793584.360	13.114	CL DRAINAGE	105+00.42	93.98' LT	CAPPED ROD FOUND

NOTE: POINT COORDINATES ARE BASED ON THE HORIZONTAL DATUM-NAD 83 / 2011 ALABAMA STATE PLAN WEST ZONE. VERTICAL DATUM-NAVD 88, AND US SURVEY FOOT UNIT OF MEASUREMENT.

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

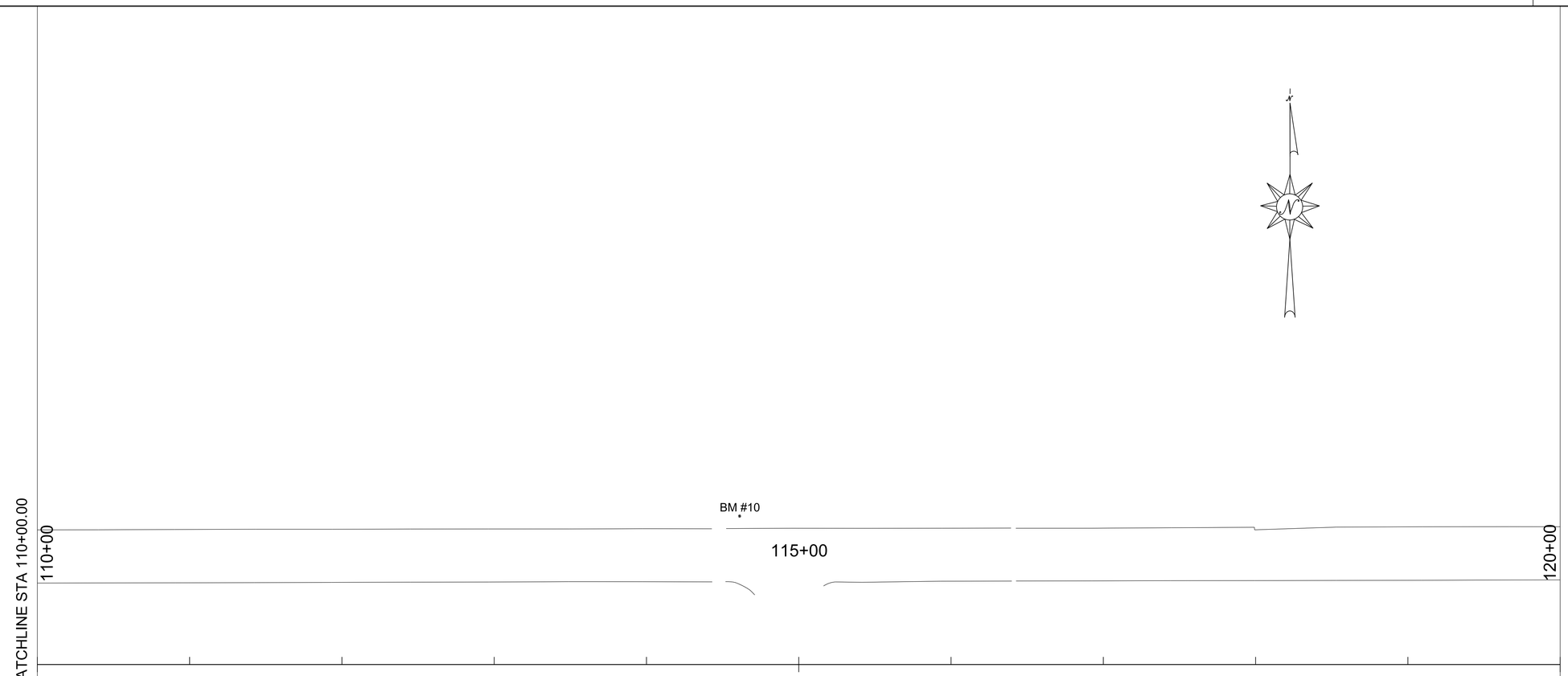
HORIZ 40 0 40 SCALE (FEET)

SHEET TITLE: PRIMARY SURVEY CONTROL AND GEOMETRIC LAYOUT SHEET

ROUTE

PRIMARY SURVEY CONTROL AND GEOMETRIC LAYOUT SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1H



HORIZONTAL AND VERTICAL CONTROL POINT LISTING AND DESCRIPTION							
POINT	N	E	ELEV	ALIGNMENT	STATION	OFFSET	DESCRIPTION
10	241496.197	1794334.910	14.111	CL DRAINAGE	114+61.17	97.51' LT	CAPPED ROD FOUND

NOTE: POINT COORDINATES ARE BASED ON THE HORIZONTAL DATUM-NAD 83 / 2011 ALABAMA STATE PLAN WEST ZONE. VERTICAL DATUM-NAVD 88, AND US SURVEY FOOT UNIT OF MEASUREMENT.

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

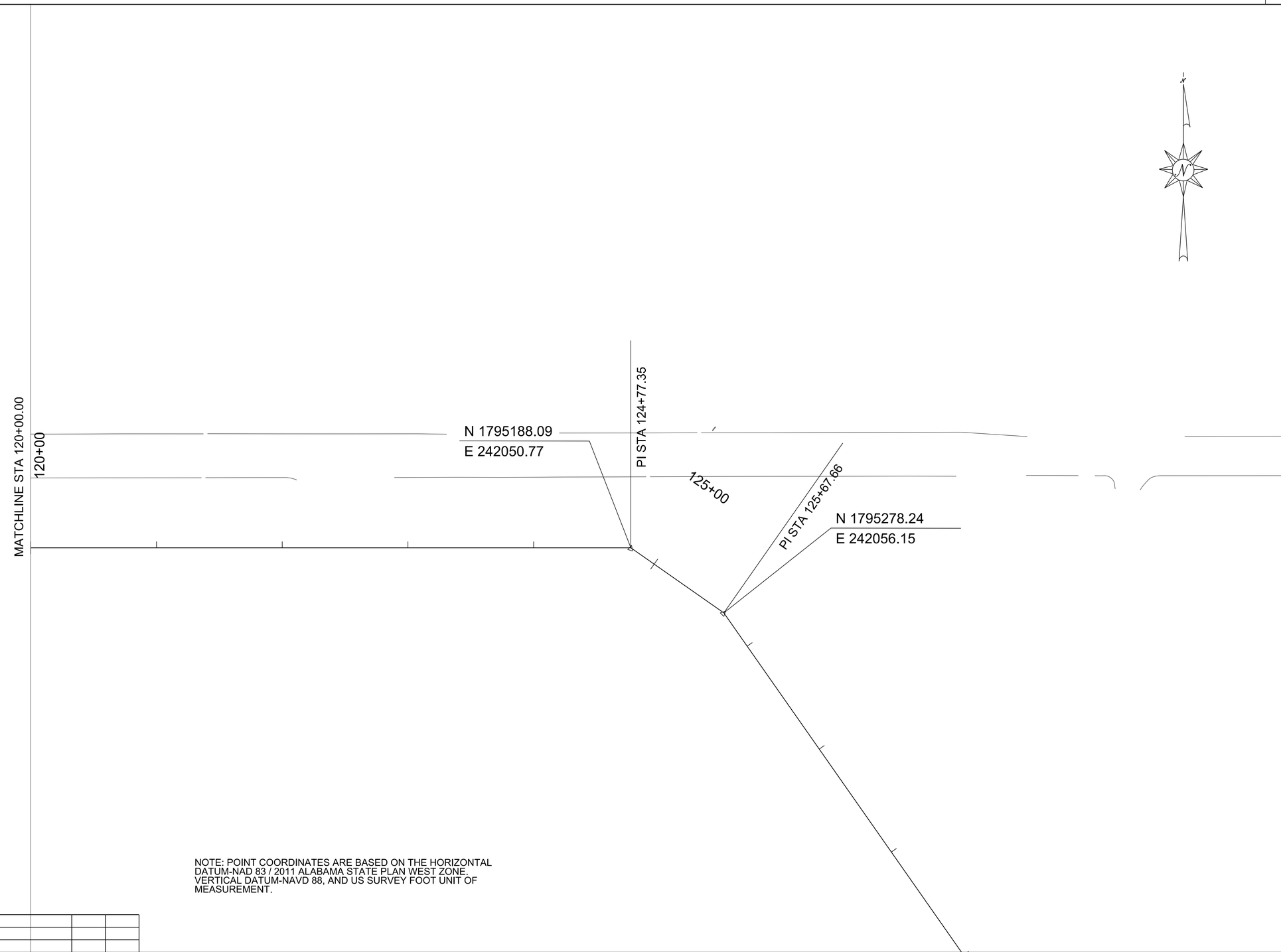
HORIZ 40 0 40 SCALE (FEET)

SHEET TITLE: PRIMARY SURVEY CONTROL AND GEOMETRIC LAYOUT SHEET

ROUTE

PRIMARY SURVEY CONTROL AND GEOMETRIC LAYOUT SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1–I



NOTE: POINT COORDINATES ARE BASED ON THE HORIZONTAL DATUM-NAD 83 / 2011 ALABAMA STATE PLAN WEST ZONE. VERTICAL DATUM-NAVD 88, AND US SURVEY FOOT UNIT OF MEASUREMENT.

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

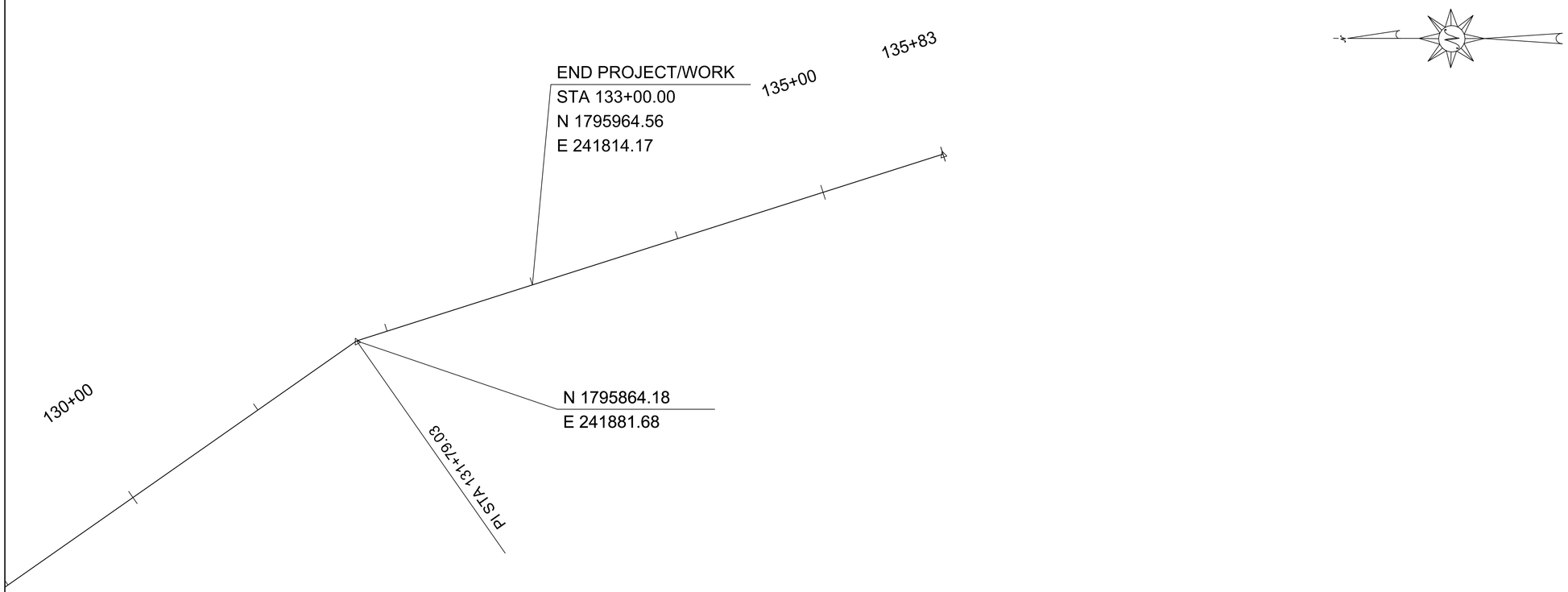
HORIZ 40 0 40 SCALE (FEET)

SHEET TITLE: PRIMARY SURVEY CONTROL AND GEOMETRIC LAYOUT SHEET

ROUTE

PRIMARY SURVEY CONTROL AND GEOMETRIC LAYOUT SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1J



NOTE: POINT COORDINATES ARE BASED ON THE HORIZONTAL DATUM-NAD 83 / 2011 ALABAMA STATE PLAN WEST ZONE. VERTICAL DATUM-NAVD 88, AND US SURVEY FOOT UNIT OF MEASUREMENT.

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

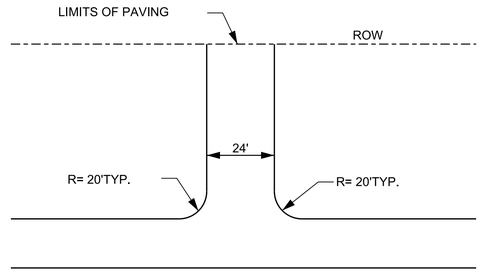
HORIZ 40 0 40 SCALE (FEET)

SHEET TITLE: PRIMARY SURVEY CONTROL AND GEOMETRIC LAYOUT SHEET

ROUTE

PROJECT DETAILS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	2

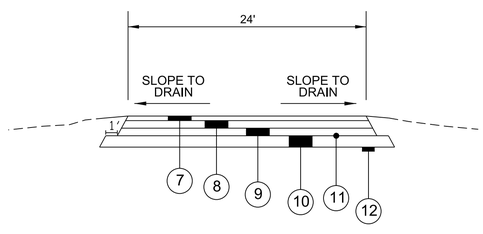


DETAIL OF TURNOUTS

NTS

1. ALL DRIVES TO SLOPE AWAY FROM THE ROADWAY FOR A LENGTH NOT LESS THAN THE SHOULDER WIDTH.
2. FOR DETAILS NOT SHOWN, SEE INDEX NO. 68004, SPECIAL DRAWING NO. TO-107.

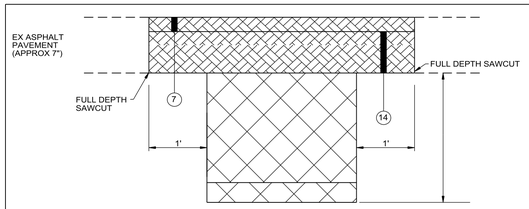
TURNOUT TABLE		
STATION	WIDTH	LENGTH
105+32	24'	81'
109+00	24'	72'
115+00	24'	85'
122+38	24'	62'



TYPICAL TURNOUT

N.T.S.

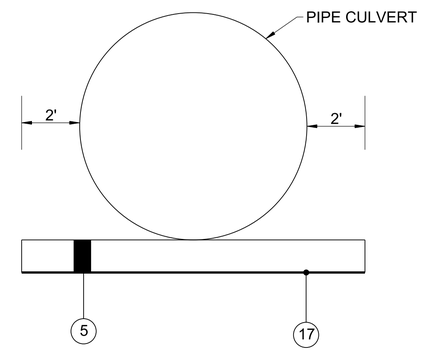
NOTES:
1. ALL DRIVES TO SLOPE AWAY FROM THE ROADWAY.



DETAIL

DETAIL FOR OPEN CUT TRENCHES FOR CULVERT CONSTRUCTION

N.T.S.



DETAIL

CULVERT BEDDING

N.T.S.

REQUIRED MATERIALS LEGEND

LEGEND NO.	ITEM NO.	DESCRIPTION
5	214B001	FOUNDATION BACKFILL, COMMERCIAL (PLACE IN 2-6" LAYERS)
7	424A360	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROX. 220 LBS/SY)
8	424B651	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROX. 250 LBS/SY)
9	424B681	SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROX. 250 LBS/SY)
10	301A012	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS
11	401A000	BITUMINOUS TREATMENT A
12	230A000	ROADBED PROCESSING
14	424B285	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, PATCHING, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E (APPROX. 1170 LBS/SY)
17	SP-1	TENSAR INTERAX FILTERGRID NX750-FG (OR EQUIVALENT)

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

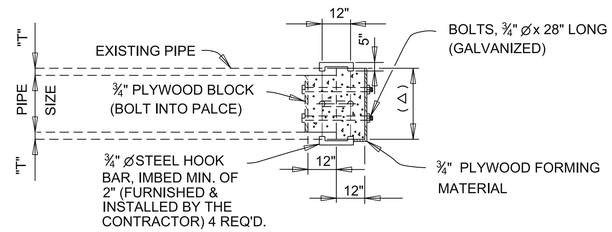
NOT TO SCALE

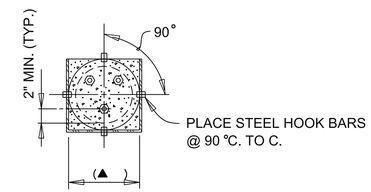
SHEET TITLE: PROJECT DETAILS

ROUTE

PROJECT DETAILS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	2A





(△) DIA. OR RISE + 2 "T"
(▲) DIA. OR SPAN + 2 "T"

NOTE: SEE PLANS FOR REQ'D. LOCATIONS.

CONCRETE PIPE PLUG	
ESTIMATED QUANTITIES ITEM NO. 620-A	
PIPE SIZE	CUBIC YARDS MINOR STRUCTURE CONCRETE
ROUND	
60"	2.09

* ¾" ⌀ STEEL HOOKS AND ¾" x 28" LONG BOLTS SHALL BE TREATED AS SUBSIDIARY OBLIGATION OF ITEM NO. 620-A.

PERMANENT PIPE PLUG DETAIL

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: PROJECT DETAILS

ROUTE

PROJECT NOTES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	2B

GENERAL NOTES

1. EXCESS MATERIAL FROM CULVERT CONSTRUCTION SHALL BE USED FOR GRADING AT THE OUTFALL TO COVER THE CULVERT.
2. PROJECT LIMITS SHALL BE GRADED AWAY FROM THE ROAD.
3. ALL PERMANENT MULCH SHALL BE AN ALDOT APPROVED HYDRAULIC MULCH. THIS ITEM SHALL BE MEASURED AND PAID FOR UNDER PAY ITEM 656A-010
4. COST OF DEWATERING SHALL BE A SUBSIDIARY OBLIGATION TO THE CULVERT CONSTRUCTION. PLEASE REFER TO GEOTECHNICAL ENGINEERING REPORT FOR DEWATERING REQUIREMENTS. DUE TO SITE CONDITIONS THE CONTRACTOR SHOULD ANTICIPATE DEWATERING.
5. ALL SHORING PROPOSED BY THE CONTRACTOR SHALL BE REVIEWED AND APPROVED BY THE PROJECT GEOTECHNICAL ENGINEER. THE CONTRACTOR SHOULD ANTICIPATE PROVIDING SHORING AND/OR SHEETING DURING EXCAVATION ACTIVITIES. SHORING AND SHEETING SHALL BE A SUBSIDIARY OBLIGATION TO THE CULVERT CONSTRUCTION.
6. THE CONTRACTOR SHALL SELF PERFORM GPR OF ENTIRE SITE AND VISUALLY LOCATE EXISTING CULVERTS AND POTENTIAL UTILITY CONFLICTS.
7. THE CONTRACTOR SHALL EXCAVATE AND LOCATE THE FOUR EXISTING CULVERTS AND VERIFY THE LOCATION AND FLOW LINE AT THE INTERSECTION OF EACH EXISTING STRUCTURE AND THE PROPOSED CULVERT. THE FOUR CULVERTS ARE: 36" RCP, CD64, CS64, AND 72" RCP. THE 36" RCP AND CD64 SET THE FLOW LINE OF THE CULVERT.
8. THIS PROJECT IS PARTIALLY FUNDED USING A FEDERAL GRANT ADMINISTERED THROUGH THE MARITIME ADMINISTRATION (MARAD). ALL PROJECT COMPONENTS MUST COMPLY WITH APPLICABLE FEDERAL PROVISIONS AND THE BUILD AMERICA BUY AMERICA REQUIREMENTS SPECIFIED IN APPENDIX A TO THE SPECIFICATIONS.
9. ALL PIPES SET UP FOR PLUG AND FILL SHALL BE FILLED TO 100% CAPACITY.
10. OPERATIONS TO ICTF SHALL NOT BE IMPACTED DURING CONSTRUCTION OF THE PROJECT. INGRESS/EGRESS TO THE FACILITY VIA THE ENTRANCE TO THE ICTF MUST BE MAINTAINED THROUGHOUT.
11. IN ADDITION TO ALDOT STANDARD SPECIFICATIONS REGARDING INSTALLATION OF THE CIPP, CRITERIA FOR THE LINER THICKNESS SHALL USE A COOPER E80 TRAIN LOADING AS THE SURFACE REQUIREMENT.
12. THE BASE BID INCLUDES THE DRAINAGE WORK SHOWN ON SHEETS 4-7. THIS INCLUDES THE 24", 36", AND THE CULVERT RELOCATION WITH THE 84" ALONG WITH THE 72" PIPE REMOVAL. IT ALSO INCLUDES THE ICTF ENTRANCE RELOCATION. SEE LOGISTICS PARK ENTRANCE IMPROVEMENTS SECTION.

UTILITY NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBLITY TO CONTACT THE VARIOUS UTILITY OWNERS AND DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES ON THIS PROJECT WHETHER SHOWN ON THE PLANS OR NOT. THE LOCATION OF ANY REQUIRED GUARDRAIL, SIGNS, FOOTINGS OF ANY NATURE AND/OR ELECTRICAL/COMMUNICATIONS CONDUITS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO PREVENT ANY CONFLICTS WITH THESE UTILITIES. UTILITIES PROVIDED ARE ASSUMED LOCATIONS.
2. THERE ARE EXISTING POWER POLES THAT WILL NEED TO BE RELOCATED TO FACILITATE THE CONSTRUCTION OF THE NEW ENTRANCE. ASPA SHALL BE RESPONSIBLE FOR THEIR RELOCATION.

ADDITIVES NOTES

1. ADDITIVE 1 - PIPE PLUGGING AND CIPP THE 60" PIPES.
2. ADDITIVE 2 - DEMO THE EXISTING ABANDONED CULVERTS.
3. ADDITIVE 3 - CLEARING AND GRUBBING SITE. PORT WILL RETAIN POSSESSION OF EXISTING RIPRAP. RIPRAP WILL BE OWNER DIRECTED FOR USE.
4. ADDITIVE 4 - DEMO THE EXISTING, BUT NOT LIMITED TO, ROADS, INLETS, CURB & GUTTER, PIPES. ALL QUANTITIES ARE APPROXIMATE. THIS WILL BE A LUMP SUM ITEM.

BAY AVE
810' LONG, APPROXIMATELY 24' WIDE
1620' CURB AND GUTTER
6 INLETS
810' PIPE

PARHAM STREET
870' LONG, APPROXIMATELY 24' WIDE
1740' CURB AND GUTTER
6 INLETS
870' PIPE

UNNAMED ROAD
1025' LONG, APPROXIMATELY 24' WIDE
2050' CURB AND GUTTER
8 INLETS
1025' PIPE

NATIONAL AVENUE
610' LONG, APPROXIMATELY 24' WIDE
1220' CURB AND GUTTER
4 INLETS
610' PIPE

ENVIRONMENTAL NOTES

1. THE CONTRACTOR WILL BE THE NPDES PERMITTEE FOR THIS PROJECT AND SHALL FILE WITH ADEM FOR THE PERMIT. A COPY OF THE CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN (CBMPP) IS AVALIABLE THROUGH THE ALABAMA STATE PORT AUTHORITY PRIOR TO BIDDING.
2. THERE SHALL BE NO FUEL TANKS STORED ON THE RIGHT OF WAY. IN ADDITION, FUEL TRUCKS OR VEHICLES TRANSPORTING CHEMICALS, FERTILIZERS, ETC. SHALL NOT BE LEFT UNATTENDED ON THE RIGHT OF WAY.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR PLACEMENT OF BEST MANAGEMENT PRACTICE'S (BMP'S) PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AS DETAILED ON THE CONSTRUCTION PLANS, BMP'S SHALL MEET OF EXCEED ALL RULES AND REGULATIONS SET FORTH BY ADEM BEST MANAGEMENT PRACTICES (BMP) MANUAL FOR ALABAMA CONSTRUCTION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTIONS OF ALL EROSION CONTROL AREAS, ANY REPAIRS AND SEDIMENT REMOVAL NECESSARY FOR PROPER OPERATION.
5. ALL WORK PERFORMED SHALL BE DONE IN ACCORDANCE WITH ISSUED PERMITS.
6. ADDITIONAL BMP'S MAY BE REQUIRED IN ALL AREAS SUBJECT TO EROSION.
7. ALL BLOWOUTS, UNDERMINING AND DAMAGED BMP'S SHALL BE REPAIRED IMMEDIATELY AND REPORTED TO THE ALABAMA STATE PORT AUTHORITY.
8. IT SHALL BE THE CONTRACTOR'S RESPONSIBLE FOR PAYMENT OF ALL FINES RECEIVED FOR EROSION CONTROL VIOLATIONS AND PROPER CLEAN UP FOR AREAS IN VIOLATION.
9. NO SEDIMENT SHALL BE ALLOWED TO EXIT THE PROPERTY. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ADEQUATE MEASURES FOR CONTROLLING EROSION.
10. ALL DISTURBED AREAS WHICH ARE NOT PAVED ARE TO BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD AS INDICATED ON THE PLANS.
11. THE CONTRACTOR SHALL, AT HIS EXPENSE, MAINTAIN PLANTED AREAS IN A SATISFACTORY CONDITION UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE ENGINEER, AT ANY TIME, MAY REQUIRE REPLANTING ANY AREA THAT DOES NOT APPEAR TO BE DEVELOPING SATISFACTORILY.
12. TREE CLEARING MUST BE PERFORMED ONLY BETWEEN JULY 16 - APRIL 30 TO PROTECT THE TRICOLORED BAT.

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: PROJECT NOTES

ROUTE

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	3

ROADWAY QUANTITY	ADDITIVE 1 QUANTITY	ADDITIVE 2 QUANTITY	ADDITIVE 3 QUANTITY	ADDITIVE 4 QUANTITY	TOTAL QUANTITY	ITEM NO.	UNIT	DESCRIPTION
1					**1**	201A002	LUMP SUM	CLEARING AND GRUBBING (MAXIMUM ALLOWABLE BID $8000 PER ACRE, APPROXIMATELY 7 ACRES)
			1		**1**	201A002	LUMP SUM	CLEARING AND GRUBBING (MAXIMUM ALLOWABLE BID $8000 PER ACRE, APPROXIMATELY 56 ACRES)
1					**1**	206B002	LUMP SUM	REMOVAL OF OLD BOX CULVERT, STATION 102+32
		1			**1**	206B004	LUMP SUM	REMOVAL OF OLD BOX CULVERT, STATION 102+41
1016					**1016**	206C010	SQUARE YARD	REMOVING CONCRETE DRIVEWAY
1186					**1186**	206D000	LINEAR FOOT	REMOVING PIPE
1000			52234		**53234**	210A000	CUBIC YARD	UNCLASSIFIED EXCAVATION
6709					**6709**	214A000	CUBIC YARD	STRUCTURE EXCAVATION
2083					**2083**	214B001	CUBIC YARD	FOUNDATION BACKFILL, COMMERCIAL
3					**3**	230A000	ROADBED STATION	ROADBED PROCESSING
	1422				**1422**	260A000	CUBIC YARD	CEMENT MORTAR FLOWABLE BACKFILL, MIX 1
1192					**1192**	301A012	SQUARE YARD	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS
1076					**1076**	401A000	SQUARE YARD	BITUMINOUS TREATMENT A
186					**186**	405A000	GALLON	TACK COAT
129					**129**	424A360	TON	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D
78					**78**	424B285	TON	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, PATCHING, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E
133					**133**	424B651	TON	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D
135					**135**	424B681	TON	SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D
12262					**12262**	430B040	TON	AGGREGATE SURFACING (CRUSHED AGGREGATE BASE, TYPE B)
188					**188**	530A002	LINEAR FOOT	24" ROADWAY PIPE (CLASS 3 R.C.)
9					**9**	530A004	LINEAR FOOT	36" ROADWAY PIPE (CLASS 3 R.C.)
2203					**2203**	530A035	LINEAR FOOT	84" ROADWAY PIPE (CLASS 5 R.C.)
	4890				**4890**	538A010	LINEAR FOOT	60" ROADWAY PIPE REHABILITATION (CURED IN-PLACE PIPE)
1					**1**	600A000	LUMP SUM	MOBILIZATION
1046					**1046**	610C001	TON	LOOSE RIPRAP, CLASS 2
1006					**1006**	610D003	SQUARE YARD	FILTER BLANKET, GEOTEXTILE
1					**1**	619A063	EACH	84" ROADWAY PIPE END TREATMENT, CLASS 2
1	9				**10**	620A000	CUBIC YARD	MINOR STRUCTURE CONCRETE
7					**7**	621A005	EACH	JUNCTION BOXES, TYPE 1
14					**14**	621B005	EACH	JUNCTION BOX UNITS, TYPE 1
1					**1**	621C109	EACH	INLETS, TYPE PD
1					**1**	621E004	EACH	MANHOLES, TYPE L OR M (STORM)
3583					**3583**	650A000	CUBIC YARD	TOPSOIL
7			56		**63**	652A100	ACRE	SEEDING
14					**14**	652C000	ACRE	MOWING
7			56		**63**	656A010	ACRE	MULCHING
14					**14**	665A000	ACRE	TEMPORARY SEEDING
42					**42**	665B001	TON	TEMPORARY MULCHING
1500					**1500**	665E000	SQUARE YARD	POLYETHYLENE
250					**250**	665F000	EACH	HAY BALES
250					**250**	665G000	EACH	SAND BAGS
3450					**3450**	665J002	EACH	SILT FENCE
50					**50**	665N000	TON	TEMPORARY COARSE AGGREGATE, ALDOT NUMBER 1
3450					**3450**	665O001	LINEAR FOOT	SILT FENCE REMOVAL
500					**500**	674A000	LINEAR FOOT	CONSTRUCTION SAFETY FENCE
1					**1**	680A001	LUMP SUM	GEOMETRIC CONTROLS
38					**38**	740B000	SQUARE FOOT	CONSTRUCTION SIGNS
50					**50**	740D000	EACH	CHANNELIZING DRUMS
50					**50**	740E000	EACH	CONES (36 INCHES HIGH)
15					**15**	740F002	EACH	BARRICADES, TYPE III
50					**50**	740M001	EACH	BALLAST FOR CONE
2					**2**	742A001	EACH	PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 2
2741					**2741**	SP-03	SQUARE YARD	TENSAR INTERAX FILTER GRID NX750-FG OR EQUIVALENT
				1	**1**	SP-04	LUMP SUM	REMOVAL OF ROADWAY AND ITS STRUCTURES, BAY AVENUE
				1	**1**	SP-05	LUMP SUM	REMOVAL OF ROADWAY AND ITS STRUCTURES, PARHAM STREET
				1	**1**	SP-06	LUMP SUM	REMOVAL OF ROADWAY AND ITS STRUCTURES, UNNAMED ROAD
				1	**1**	SP-07	LUMP SUM	REMOVAL OF ROADWAY AND ITS STRUCTURES, NATIONAL AVENUE

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: SUMMARY OF QUANTITIES

ROUTE

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	3A

REQUIRED REMOVAL OF OLD BOX CULVERT

ITEM NO				206B	REMARKS
STRUCTURE NUMBER	BASELINE	STATION	SIDE	(LUMP SUM)	
2	PORT DRAINAGE	102+32	CL	1	CS64
TOTAL				1	

REQUIRED REMOVING PIPE (206D-000)

BASELINE	STATION	OFFSET		SIZE / TYPE	LENGTH (LIN FT)
PORT DRAINAGE	108+40	0'	CL	72" RCP	1086
PORT DRAINAGE	114+85	0'	CL	18" RCP	50
PORT DRAINAGE	122+28	0'	CL	30" RCP	50
TOTAL					1186

REQUIRED REMOVING CONCRETE DRIVEWAY (206C-010)

BASELINE	STATION	SIDE	AREA (SQ YD)
PORT DRAINAGE	105+32	LT	266
PORT DRAINAGE	109+00	LT	244
PORT DRAINAGE	115+00	LT	273
PORT DRAINAGE	122+38	LT	233
TOTAL			1016

REQUIRED DRAINAGE SUMMARY

ENTRY NO	LOCATION				STRUCTURE NO		DRAINAGE SHEET NO		CLASS 3 RC ROADWAY PIPE		CLASS 5 RC ROADWAY	JUNCTION BOXES	JUNCTION BOX UNITS	MANHOLE	INLETS	ROADWAY PIPE END TREATMENT CLASS 2	PEC	MINOR STRUCTURE CONCRETE	FOUNDATION BACKFILL, COMMERCIAL	STRUCTURE EXCAVATION	LOOSE RIPRAP, CLASS 2	FILTER BLANKET, GEOTEXTILE	MAX FILL HEIGHT	ENTRY NO
	STATION	STATION	ROADWAY	SIDE	FROM	TO	PLAN	SECTION	24"	36"	84"	1	1	L OR M (STORM)	PD	84"								
									530A-002	530A-004	530A-035	621A-005	621B-005	621E-004	621C-109	619A-063		620A-000	214B-001	214A-000	610C-001	610D-003		
									LIN FT	LIN FT	LIN FT	EACH	EACH	EACH	EACH	EACH		CU YD	CU YD	CU YD	TONS	SQ YD	FT	
1		102+30	PORT DRAINAGE	LT		7	4	21										0.73						1
2	101+84	99+87	PORT DRAINAGE	LT	1	2	4	21	188								1		53	176			5	2
3	99+87	99+77	PORT DRAINAGE	LT	2	3	4	21		9				1			1		4	27			11	3
4	102+30	100+32	PORT DRAINAGE	RT	4	6	4	21							1								2	4
5	108+91	112+00	PORT DRAINAGE	LT	8	9	4	22			304	1	2						153	1020			2	5
6	112+00	114+89	PORT DRAINAGE	LT	9	10	5	22			281	1	2						142	943			2	6
7	114+89	118+50	PORT DRAINAGE	LT	10	11	5	23			364	1	2						183	1220			2	7
8	118+50	122+17	PORT DRAINAGE	LT	11	12	5	23			364	1	2						183	1220			2	8
9	122+17	124+77	PORT DRAINAGE	LT	12	13	6	24			257	1	2						130	863			2	9
10	124+77	125+68	PORT DRAINAGE	LT	13	14	6	24			89	1	2						46	303			2	10
11	125+68	128+50	PORT DRAINAGE	LT	14	15	6	25			279	1	2						141	937			2	11
12	128+50	131+16	PORT DRAINAGE	LT	15	16	6	25			265					1			134		1046	826		12
TOTAL									188	9	2203	7	14	1	1	1	2	1	1169	6709	1046	✖826		

✖ 610D-003 FILTER BLANKET, GEOTEXTILE

SHEET 3B TOTAL	180 SQ YD
THIS SHEET TOTAL	826 SQ YD
TOTAL	1006 SQ YD

REQUIRED FILTER GRID AND FOUNDATION BACKFILL

BASELINE	PIPE SIZE (IN)	WIDTH (LIN FT)	LENGTH (LIN FT)	DEPTH (LIN FT)	FOUNDATION BACKFILL, COMMERCIAL (CU YD) (214B-001)	TENSAR INTERAX FILTER GRID NX750-FG OR EQUIVALENT (SQ YD) (SP-03)	REMARKS
PORT DRAINAGE	84	11	2243	1	914	2741	
TOTAL					914	2741	

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: SUMMARY OF QUANTITIES

ROUTE

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	3B

SEEDING QUANTITIES SUMMARY			
ITEM	DESCRIPTION	UNIT	QUANTITY
652A-100	SEEDING	AC	7
656A-010	MULCHING	AC	7
652C-000	MOWING	AC	14

REQUIRED EROSION CONTROL SUMMARY			
ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
610D-003	FILTER BLANKET, GEOTEXTILE	SQ YD	✖ 180
665A-000	TEMPORARY SEEDING	AC	14
665B-001	TEMPORARY MULCHING	TON	42
665E-000	POLYETHYLENE	SQ YD	1500
665F-000	HAY BALES	EACH	250
665G-000	SAND BAGS	EACH	250
665J-002	SILT FENCE	LIN FT	3450
665N-000	TEMPORARY COARSE AGGREGATE, ALDOT NUMBER 1	TON	50
665O-001	SILT FENCE REMOVAL	LIN FT	3450

✖ SEE SHEET 3A FOR TOTAL

ADDITIVE 1

REQUIRED MINOR STRUCTURE CONCRETE (620A-000)			
BASELINE	PIPE PLUG	MINOR STRUCTURE CONCRETE (CU YD)	REMARKS
PORT DRAINAGE	1	2.1	60" PIPE PLUG
PORT DRAINAGE	1	2.1	60" PIPE PLUG
PORT DRAINAGE	2	2.1	60" PIPE PLUG
PORT DRAINAGE	2	2.1	60" PIPE PLUG
TOTAL		9	

60" ROADWAY PIPE REHABILITATION (CURED IN-PLACE PIPE) (538A-010)			
BASELINE	PIPE #	LENGTH (LIN FT)	REMARKS
PORT DRAINAGE	1	978	EXISTING HDPE
PORT DRAINAGE	2	978	EXISTING HDPE
PORT DRAINAGE	3	978	EXISTING HDPE
PORT DRAINAGE	4	978	EXISTING HDPE
PORT DRAINAGE	5	978	EXISTING HDPE
TOTAL		4890	

REQUIRED CEMENT MORTAR FLOWABLE BACKFILL (260A-000)					
BASELINE	PIPE PLUG	PIPE SIZE (IN)	LENGTH (LIN FT)	BACKFILL (CU YD)	REMARKS
PORT DRAINAGE	1	60	978	711	EXISTING HDPE
PORT DRAINAGE	2	60	978	711	EXISTING HDPE
TOTAL				1422	

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: SUMMARY OF QUANTITIES

ROUTE

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	3C

ADDITIVE 2

REQUIRED REMOVAL OF OLD BOX CULVERT

ITEM NO				206B	REMARKS
STRUCTURE NUMBER	BASELINE	STATION	SIDE	(LUMP SUM)	
4	PORT DRAINAGE	102+41	LT	1	CS64
TOTAL				1	

ADDITIVE 3

SEEDING QUANTITIES SUMMARY

ITEM	DESCRIPTION	UNIT	QUANTITY
201A-002	CLEARING AND GRUBBING (APPROXIMATELY 56 ACRES)	LS	1
652A-100	SEEDING	AC	56
656A-010	MULCHING	AC	56

REQUIRED UNCLASSIFIED EXCAVATION (210A-000)

BASELINE	STATION	SIDE	LOCATION	AREA (CU YD)	REMARKS
PORT DRAINAGE	106+00	RT	1	15095	DEBRIS PILE
PORT DRAINAGE	107+50	RT	2	11939	DEBRIS PILE
PORT DRAINAGE	109+50	RT	3	12889	DEBRIS PILE
PORT DRAINAGE	113+50	RT	4	12311	DEBRIS PILE
TOTAL				52234	

ADDITIVE 4

REQUIRED REMOVAL OF ROADWAY AND ITS STRUCTURES (SP-) (LUMP SUM)

STRUCTURE NUMBER	BASELINE	STATION	DESCRIPTION
01	PORT DRAINAGE	105+45	BAY AVENUE
02	PORT DRAINAGE	109+17	PARHAM STREET
03	PORT DRAINAGE	115+33	UNNAMED ROAD
04	PORT DRAINAGE	122+43	NATIONAL AVENUE

REQUIRED REMOVING CONCRETE DRIVEWAY (206C-010)

BASELINE	STATION	SIDE	AREA (SQ YD)	REMARKS
BAY AVENUE	105+45	LT	2160	INFORMATIONAL PURPOSES ONLY
PARHAM STREET	109+17	LT	2320	INFORMATIONAL PURPOSES ONLY
UNNAMED ROAD	115+33	LT	2733	INFORMATIONAL PURPOSES ONLY
NATIONAL AVENUE	122+43	LT	1627	INFORMATIONAL PURPOSES ONLY
TOTAL			8840	

REQUIRED REMOVING CURB & GUTTER (206D-003)

BASELINE	STATION	SIDE	LENGTH (LIN FT)	REMARKS
BAY AVENUE	105+45	LT	1620	INFORMATIONAL PURPOSES ONLY
PARHAM STREET	109+17	LT	1740	INFORMATIONAL PURPOSES ONLY
UNNAMED ROAD	115+33	LT	2050	INFORMATIONAL PURPOSES ONLY
NATIONAL AVENUE	122+43	LT	1220	INFORMATIONAL PURPOSES ONLY
TOTAL			6630	

REQUIRED REMOVAL OF INLETS

ITEM NO			206E-001	REMARKS
BASELINE	STATION		REMOVING INLETS (EACH)	
BAY AVENUE	105+45	LT	6	INFORMATIONAL PURPOSES ONLY
PARHAM STREET	109+17	LT	6	INFORMATIONAL PURPOSES ONLY
UNNAMED ROAD	115+33	LT	8	INFORMATIONAL PURPOSES ONLY
NATIONAL AVENUE	122+43	LT	4	INFORMATIONAL PURPOSES ONLY
TOTAL			24	

REQUIRED REMOVING PIPE (206D-000)

BASELINE	STATION			LENGTH (LIN FT)	REMARKS
BAY AVENUE	105+45	LT	18" RCP	810	INFORMATIONAL PURPOSES ONLY
PARHAM STREET	109+17	LT	18" RCP	870	INFORMATIONAL PURPOSES ONLY
UNNAMED ROAD	115+33	LT	18" RCP	1025	INFORMATIONAL PURPOSES ONLY
NATIONAL AVENUE	122+43	LT	18" RCP	610	INFORMATIONAL PURPOSES ONLY
TOTAL				3315	

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

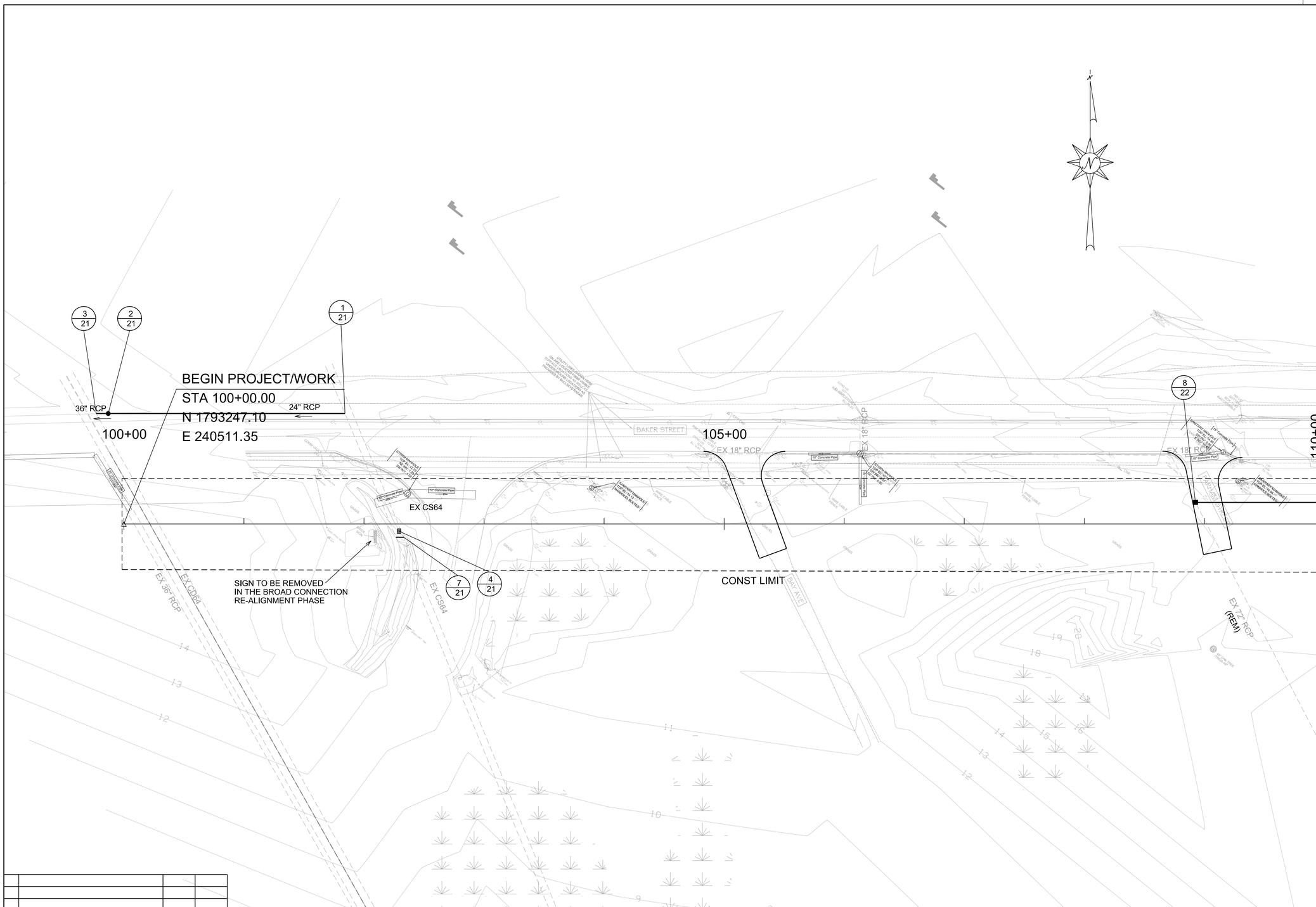
NOT TO SCALE

SHEET TITLE: SUMMARY OF QUANTITIES

ROUTE

PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	4



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

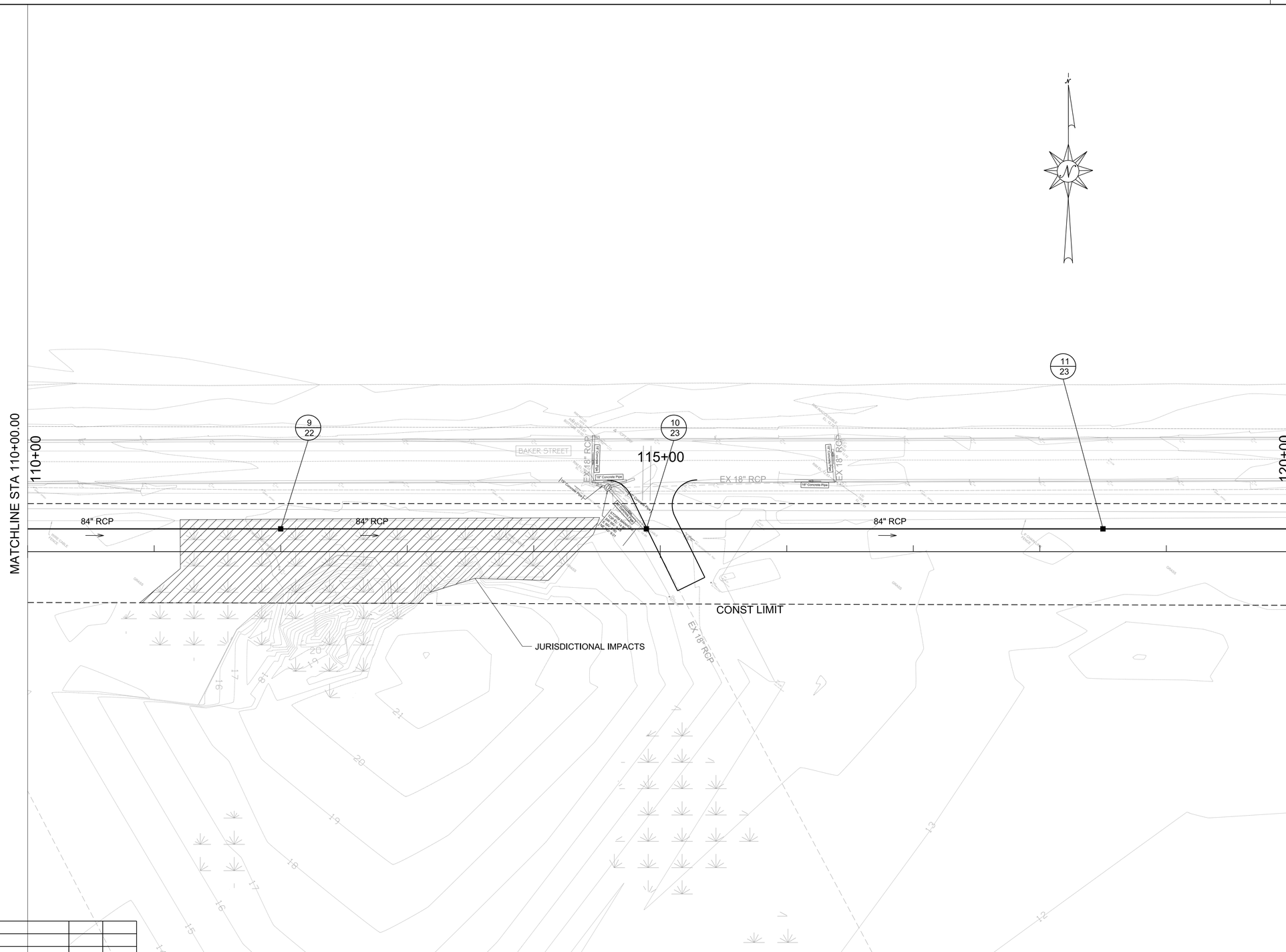
SHEET TITLE: PLAN SHEET

ROUTE

User is: karman.richardson 14-APR-2025 14:23 Plot Scale=40.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@004_208_pln.dgn

PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	5



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

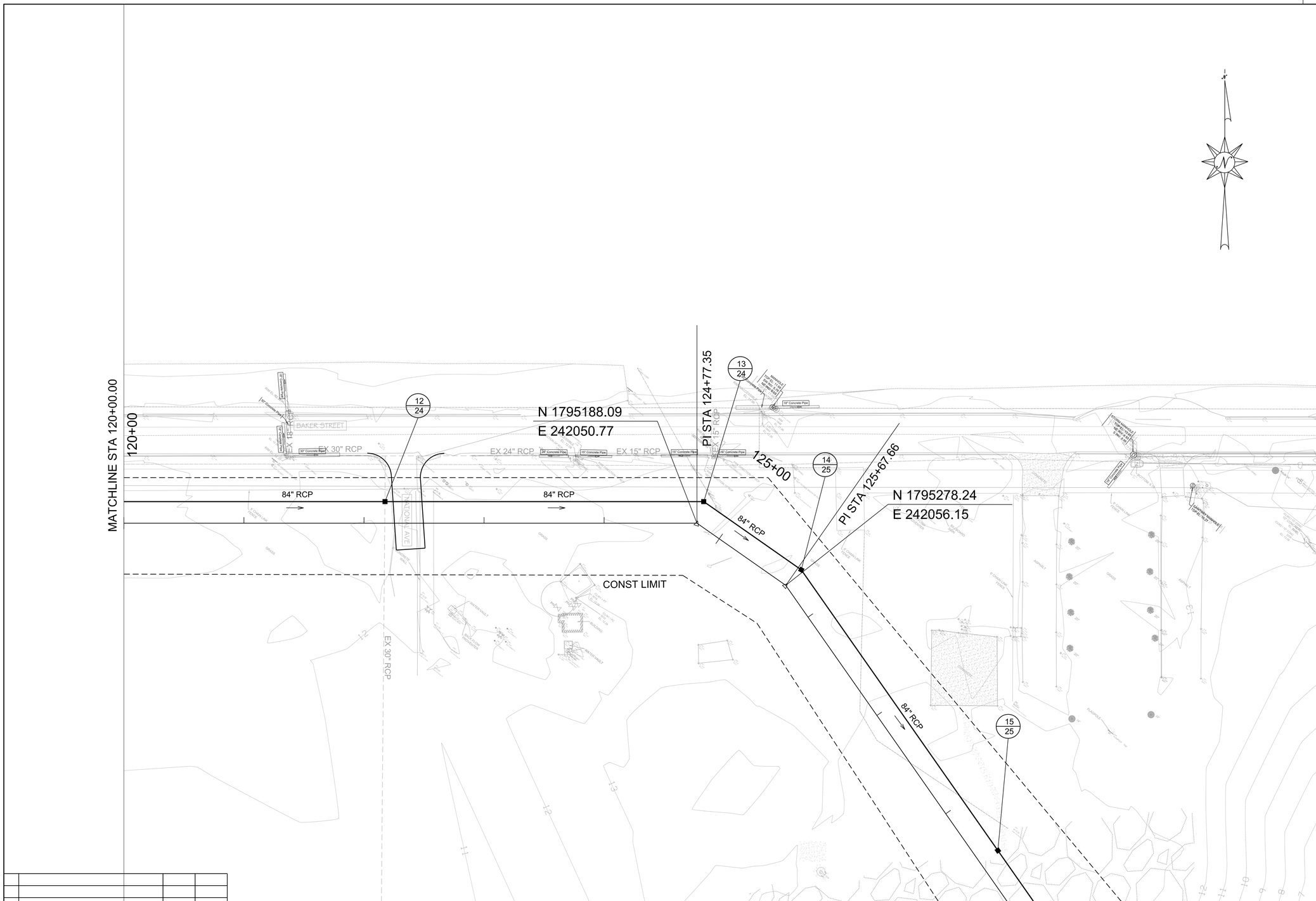
SHEET TITLE: PLAN SHEET

ROUTE

User Is: karman.richardson 14-APR-2025 13:12 Plot Scale=40.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@005_208_pln.dgn

PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	6



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

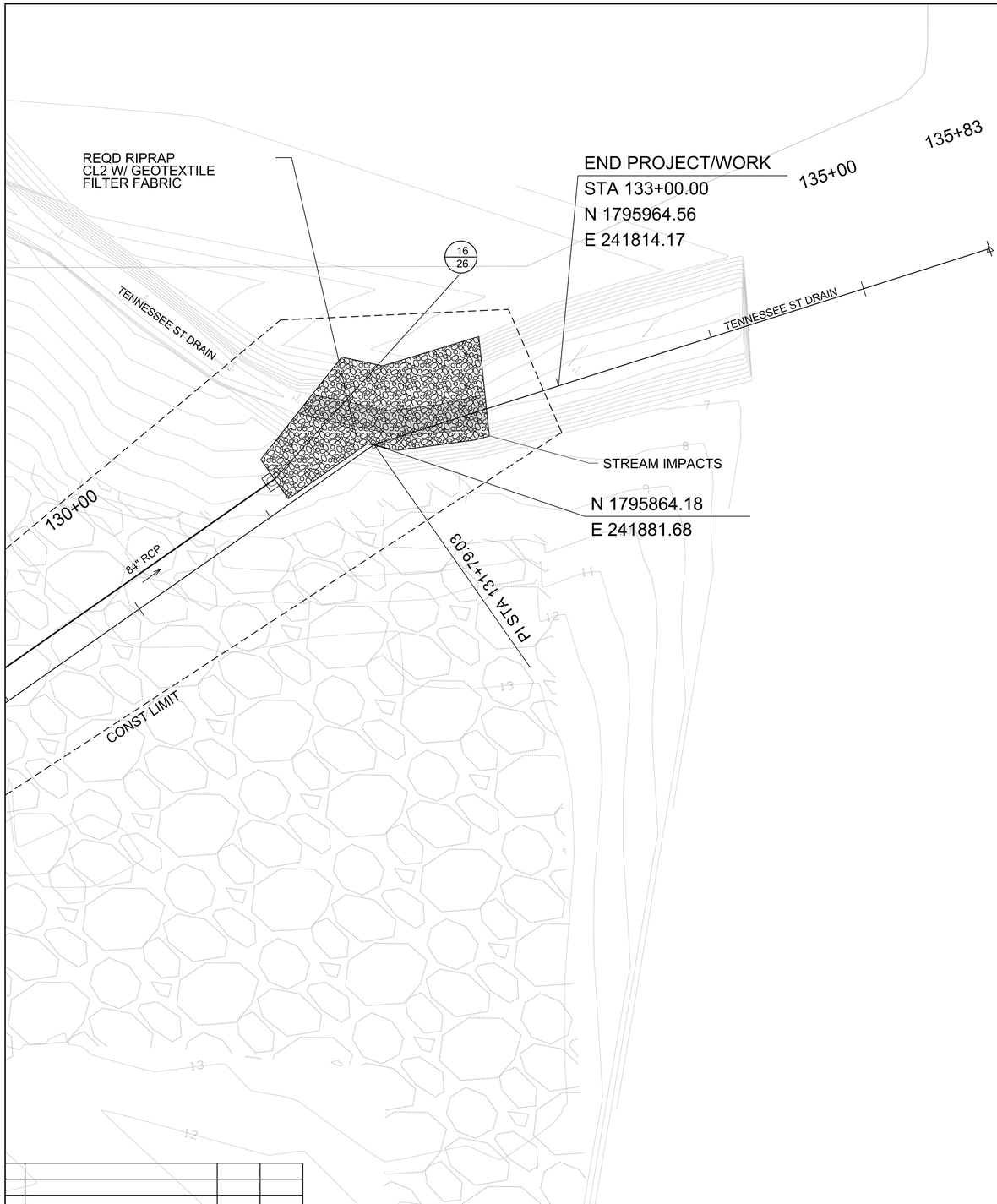
SHEET TITLE: PLAN SHEET

ROUTE

User Is: karman.richardson 14-APR-2025 13:12 Plot Scale=40.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@006_208_pln.dgn

PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	7



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

SHEET TITLE	ROUTE
PLAN SHEET	

User Is: karman.richardson 14-APR-2025 13:13 Plot Scale=40.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@007_208_pin.dgn

DEMO SHEET - ADDITIVE 1

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	8

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 120 0 120 SCALE (FEET)

SHEET TITLE: DEMO SHEET – ADDITIVE 1

ROUTE

User Is: karman.richardson 14-APR-2025 13:13 Plot Scale=120.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$

Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@008_208_demo_color.dgn

DEMO SHEET - ADDITIVE 2

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	9

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 120 0 120 SCALE (FEET)

SHEET TITLE: DEMO SHEET – ADDITIVE 2

ROUTE

User Is: karman.richardson 14-APR-2025 13:14 Plot Scale=120.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@009_208_demo_color.dgn

DEMO SHEET - ADDITIVE 3

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	10

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 120 0 120 SCALE (FEET)

SHEET TITLE: DEMO SHEET – ADDITIVE 3

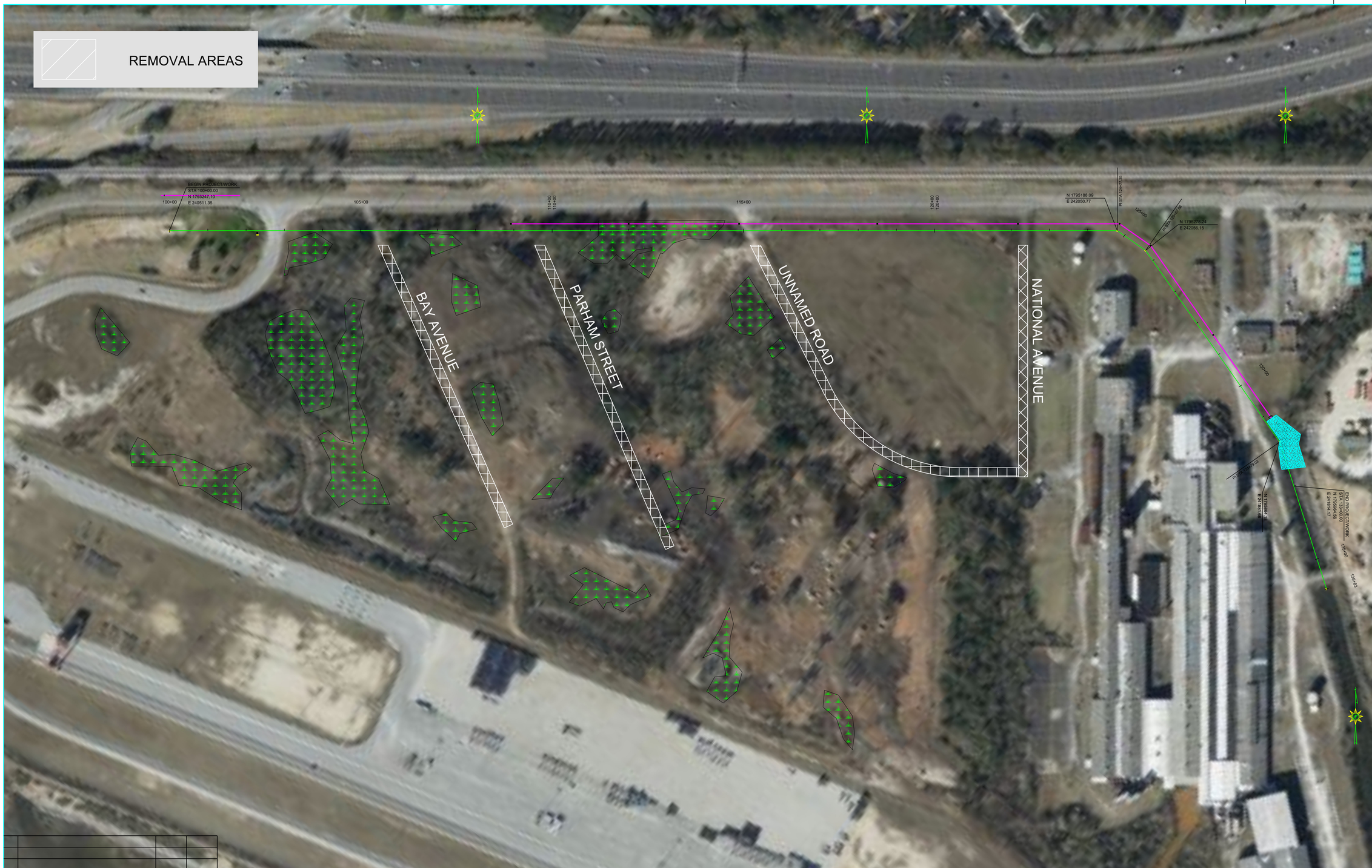
ROUTE

User Is: karman.richardson 14-APR-2025 13:14 Plot Scale=120.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$

Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@010_208_demo_color.dgn

DEMO SHEET - ADDITIVE 4

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	11



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 120 0 120 SCALE (FEET)

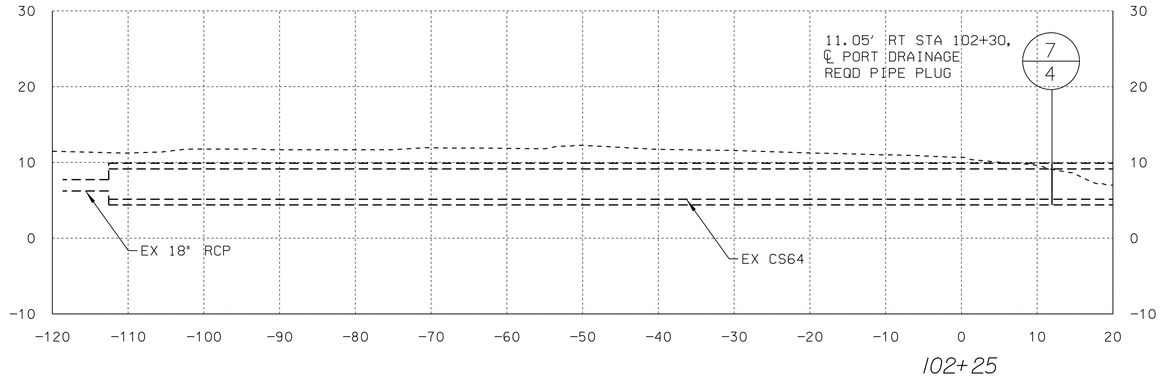
SHEET TITLE: DEMO SHEET – ADDITIVE 4

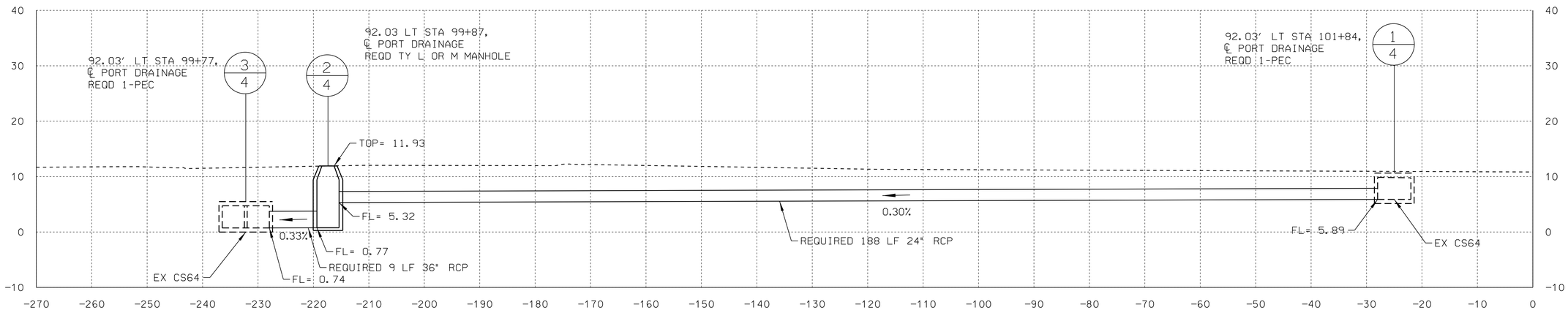
ROUTE

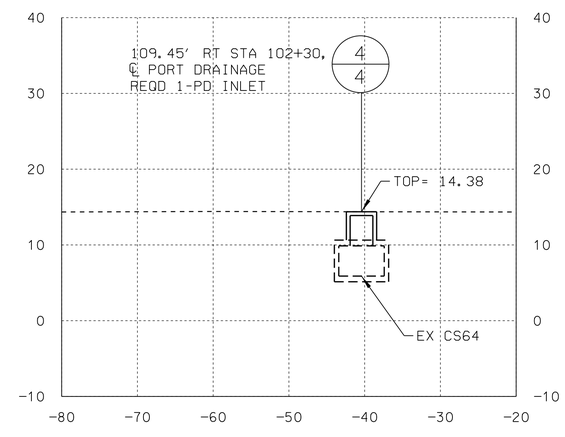
User Is: karman.richardson 14-APR-2025 13:13 Plot Scale=120.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@011_208_demo_color.dgn

DRAINAGE SECTIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	21







NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

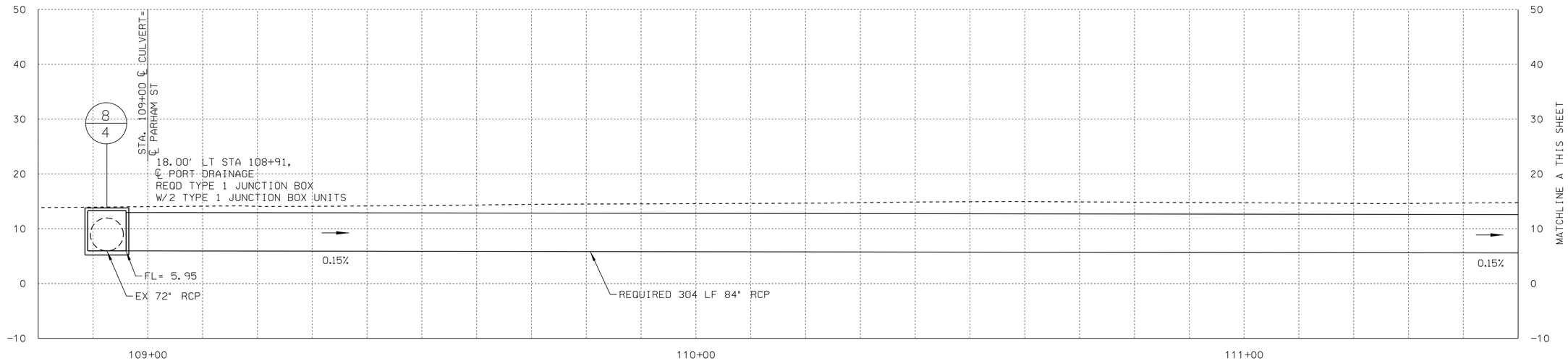
NOT TO SCALE

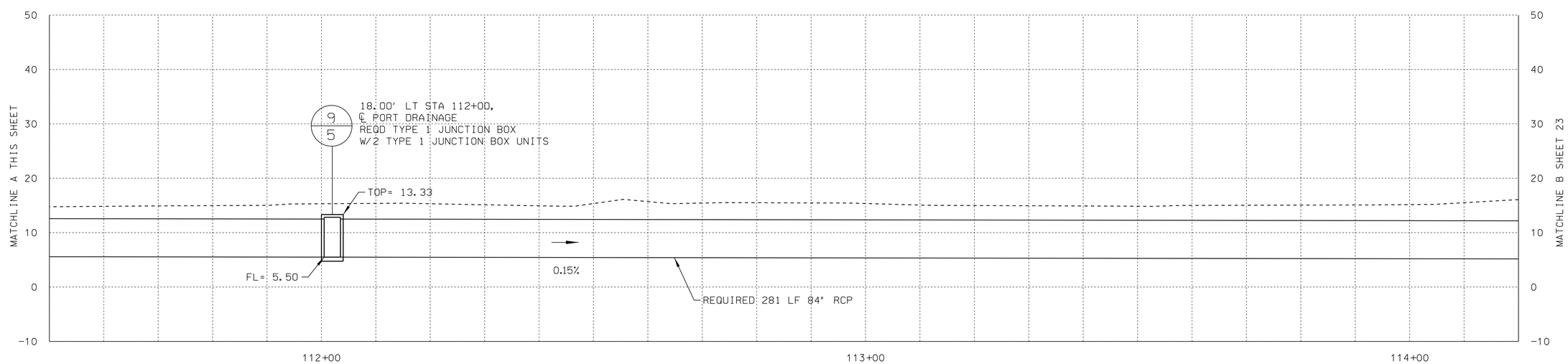
SHEET TITLE: DRAINAGE SECTIONS

ROUTE

DRAINAGE SECTIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	22





NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

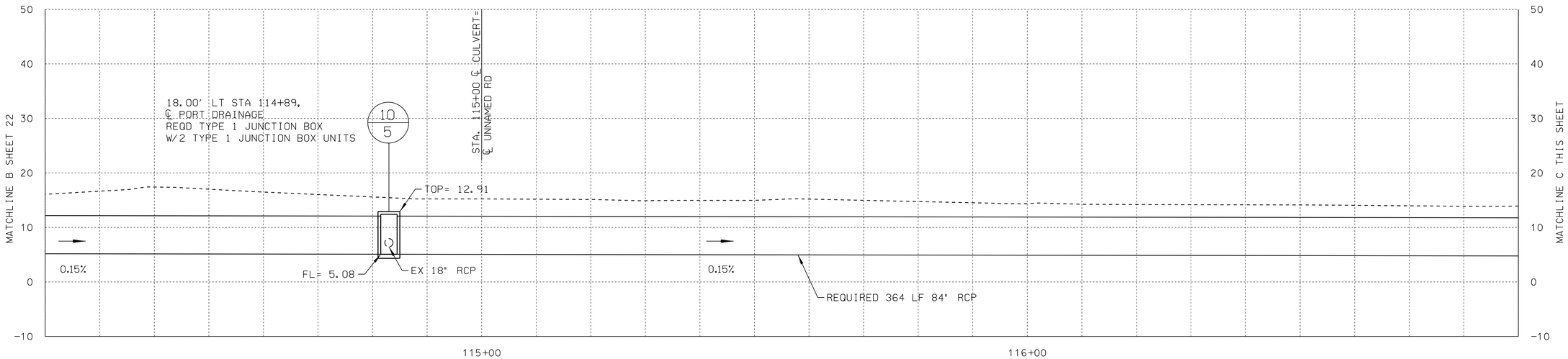
NOT TO SCALE

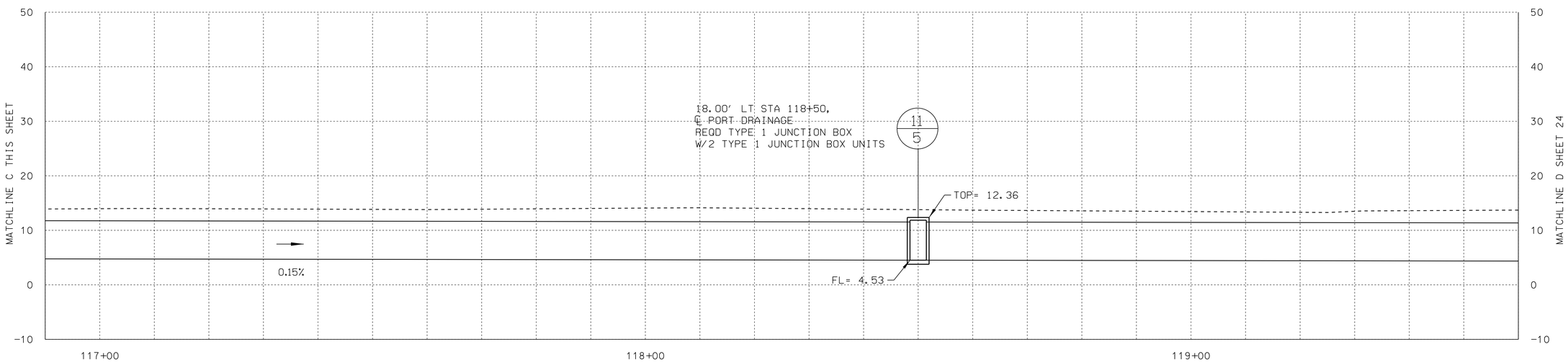
SHEET TITLE: DRAINAGE SECTIONS

ROUTE

DRAINAGE SECTIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	23





NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

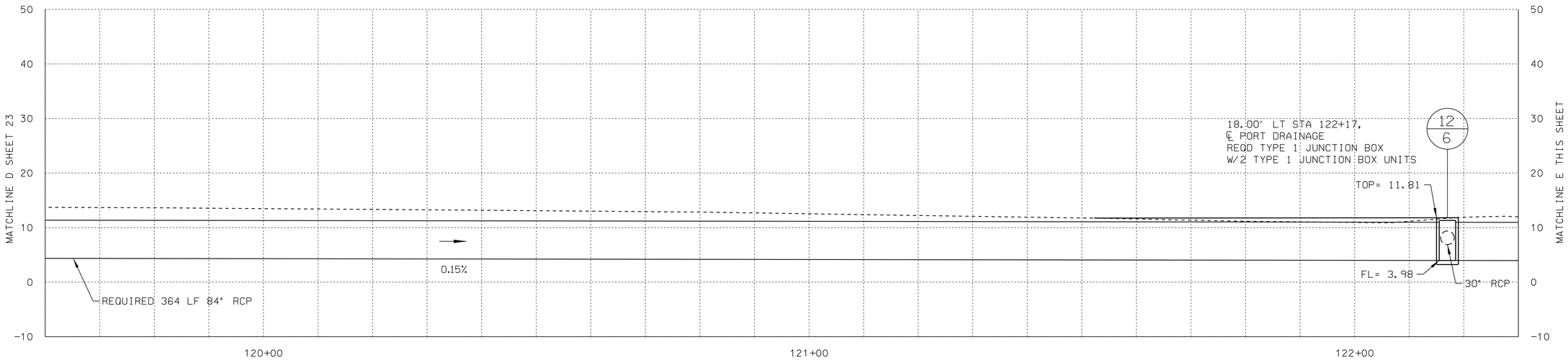
SHEET TITLE: DRAINAGE SECTIONS

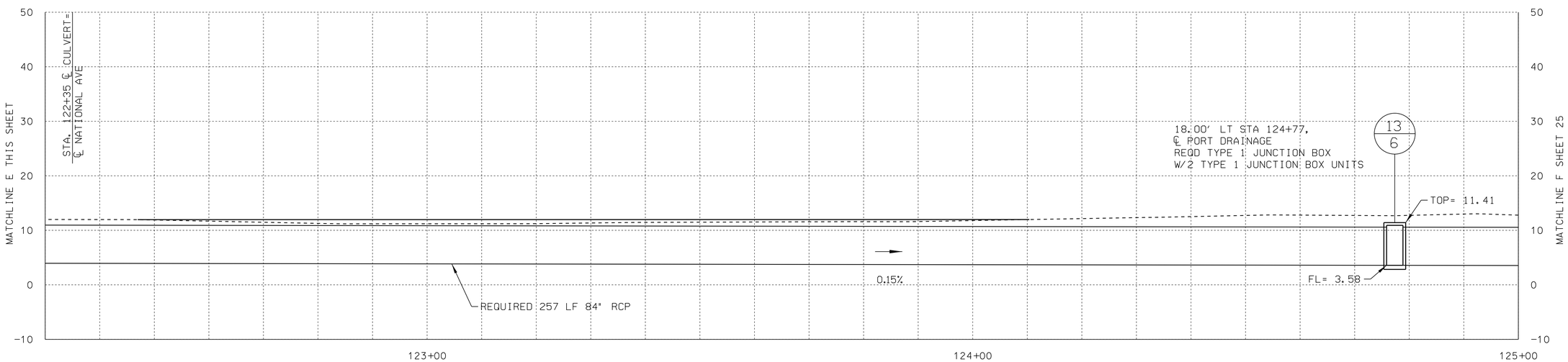
ROUTE

User is: Karman.richardson 14-APR-2025 13:13 Plot Scale=10.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@021_208_dxs.dgn

DRAINAGE SECTIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	24





NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

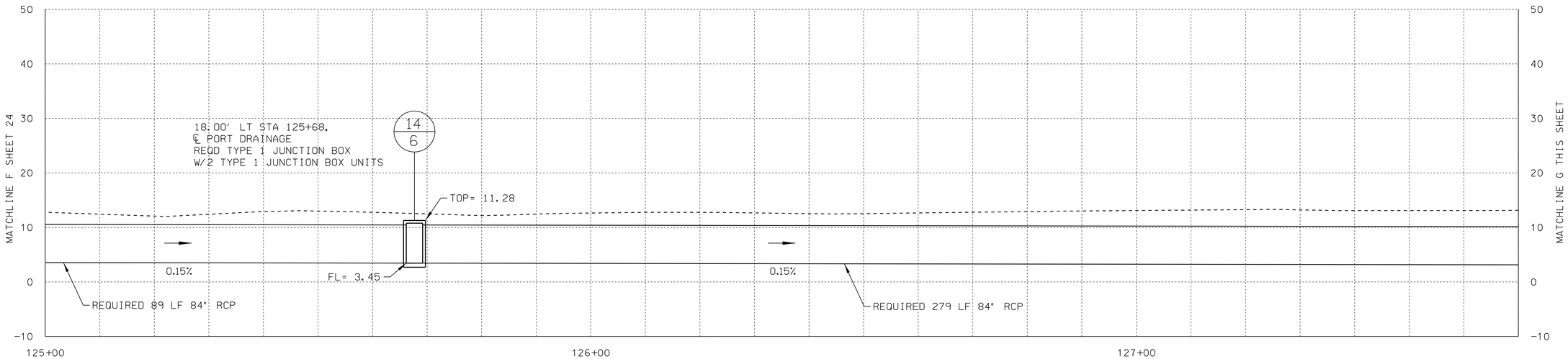
SHEET TITLE: DRAINAGE SECTIONS

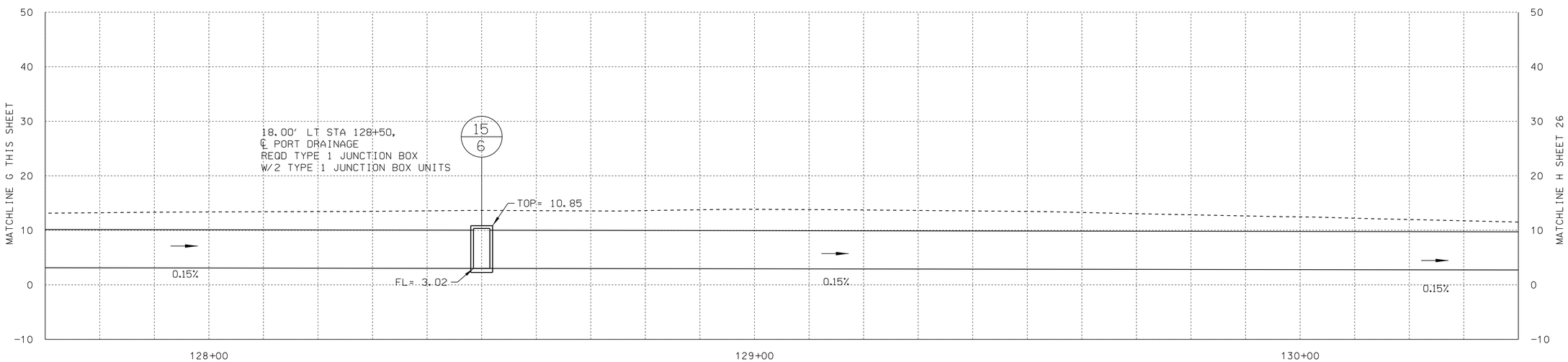
ROUTE

User Is: Karman.richardson 14-APR-2025 13:13 Plot Scale=10.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@021_208_dxs.dgn

DRAINAGE SECTIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	25





NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

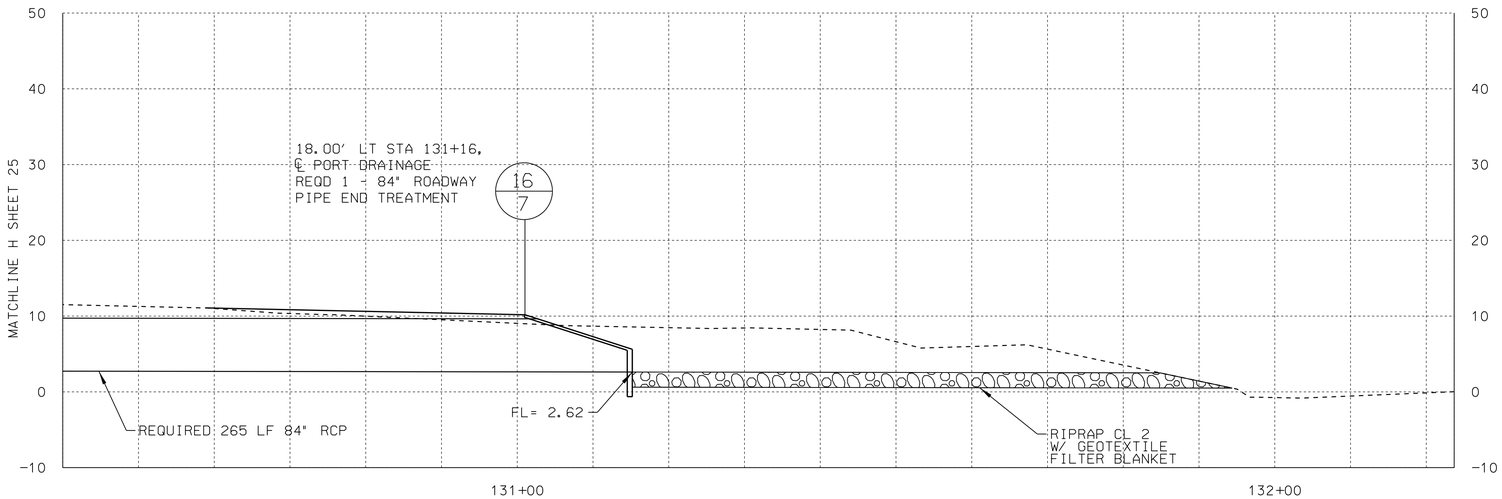
SHEET TITLE: DRAINAGE SECTIONS

ROUTE

User Is: Karman.richardson 14-APR-2025 13:13 Plot Scale=10.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@021_208_dxs.dgn

DRAINAGE SECTIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	26



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

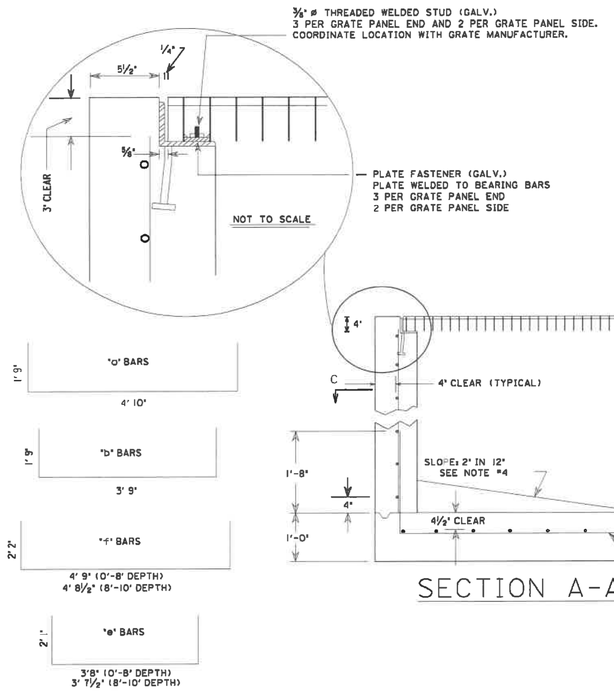
SHEET TITLE: DRAINAGE SECTIONS

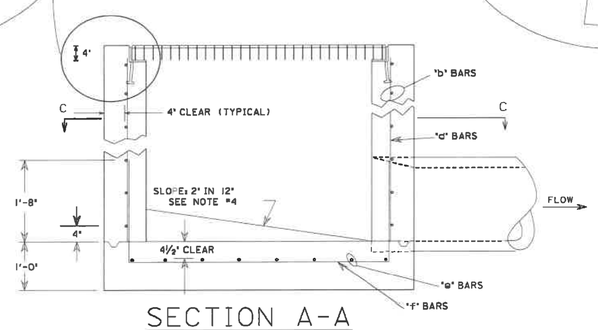
ROUTE

DRAINAGE DETAIL

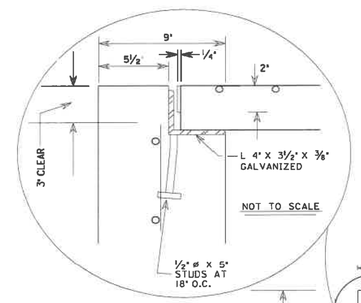
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	27

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO

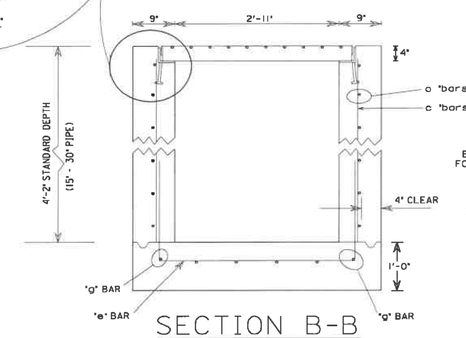




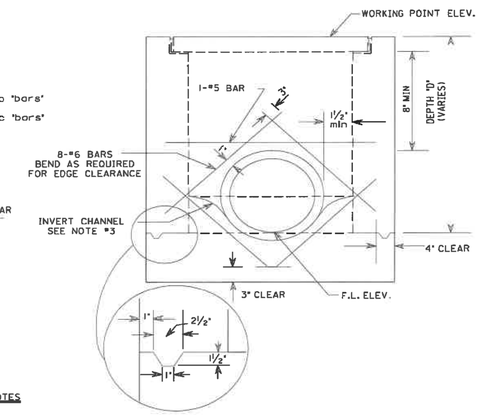
SECTION A-A

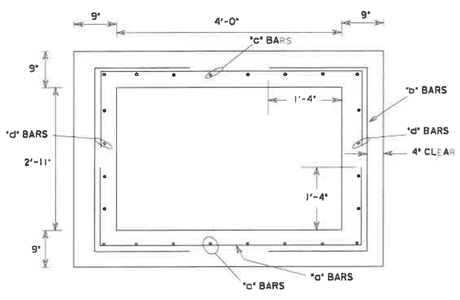


DEPTH "D"	a BARS + b BARS size spacing	c BARS STRAIGHT # size spacing	d BARS STRAIGHT # size spacing	e BARS # size spacing	f BARS # size spacing	g BARS STRAIGHT # size
0' - 8'	#4 @ 8"	16 #4 @ 8"	8 #4 @ 8.5"	8 #5 @ 8"	4 #5 @ 8.5"	2 #5
8' - 10'	#6 @ 8"	16 #6 @ 8"	8 #6 @ 8.5"	8 #5 @ 8"	4 #5 @ 8.5"	2 #5

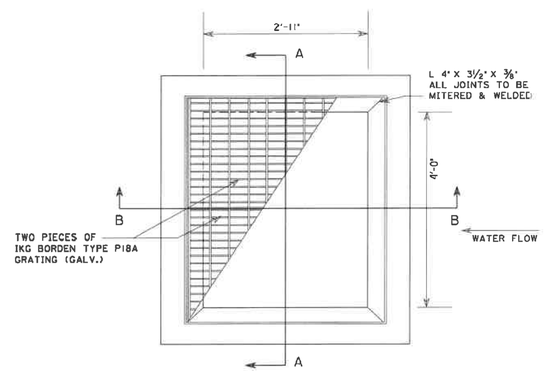


SECTION B-B





SECTION C-C



PLAN

NOTE: THIS DRAWING IS NOT TO SCALE

GENERAL NOTES

1. GRATE SPECIFICATION
   STEEL GRATING TO BE STYLE HW (HEAVY WELD) TYPE P18A AS MANUFACTURED BY IKG INDUSTRIES OR AN APPROVED EQUAL. THE GRATING MATERIAL SHALL CONFORM TO ASTM A36 STEEL SPECIFICATION FOR THE MAIN BEARING BARS. MAIN BARS TO BE 4" DEEP BY 1/4" THICK, SPACED AT 1 7/8" CENTERS. THE CROSS BARS SHALL BE WELDED FLUSH WITH THE TOP OF THE GRATING. THE GRATING SHALL SPAN 39" MAXIMUM AND SATISFY THE AASHTO LOADINGS FOR H-20/HS-20.
2. ALL SPLICES 36 BAR DIAMETER.
3. INVERT CHANNELS ARE REQUIRED IN BASE WHERE PIPE FLOW PASSES THROUGH THE BOX. CHANNELS MAY BE FORMED IN CONCRETE OR CONSTRUCTED LATER USING A CEMENT CONCRETE MORTAR. CHANGES IN DIRECTION OF FLOW SHALL HAVE A TRUE CURVE OF AS LARGE A RADIUS AS SIZE WILL PERMIT AND BE FINISHED UP TO CENTER OF PIPE.
4. WHERE PIPE BEGINS AT BOX, SLOPE 2" PER 12" TOWARDS PIPE MAY BE FORMED IN CONCRETE OR CONSTRUCTED LATER USING A CEMENT CONCRETE MORTAR.
5. THIS INLET IS NOT FOR USE ON PAVEMENT OR WHERE IT CAN BE SUBJECT TO TRAFFIC LOADS.

--SPECIFICATIONS--

CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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.

REVISIONS

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

DETAIL OF BICYCLE SAFE DITCH INLET TYPE - PD

Bureau Std Engr : L.V.S.
DRAWN BY: ____ DATE DRAWN: ____

SPECIAL DRAWING NO: SPECIAL PROJECT DETAIL

INDEX NO

NOT TO SCALE

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

PLAN SUBMITTAL

NOT TO SCALE

SHEET TITLE: DRAINAGE DETAIL

ROUTE

TRAFFIC CONTROL PLAN - SEQUENCE OF CONSTRUCTION & LEGEND

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	50

NOTE:
ANY ITEM OF WORK CAN BE PERFORMED CONCURRENTLY, WITH THE APPROVAL OF THE ENGINEER, AS LONG AS IT DOES NOT CONFLICT WITH ANOTHER SEQUENCE ITEM.

CONSTRUCTION	TRAFFIC
PHASE I	**PHASE I**
• INSTALL ALL APPLICABLE TRAFFIC CONTROL DEVICES	TRAFFIC NOT AFFECTED
PHASE II	**PHASE II**
• LOCATE EXISTING UTILITIES AND EXISTING CULVERTS. VERIFY THE LOCATION AND FLOW LINES AT THE INTERSECTION OF EACH STRUCTURE AND THE PROPOSED CULVERT.	TRAFFIC NOT AFFECTED
PHASE III	**PHASE III**
• CONSTRUCTION OF RELOCATED ICTF ENTRANCE SHALL COMMENCE FIRST OR AT THE SAME TIME AS THE CULVERT CONSTRUCTION. ENTRANCE RELOCATION SHALL BE COMPLETED BEFORE CULVERT CONSTRUCTION REACHES IT.	CONSTRUCT UNDER TRAFFIC
• CONSTRUCT CULVERT. 50' ACCESS SHALL BE MAINTAINED OFF OF BAKER ST DURING CULVERT CONSTRUCTION AT THE ARMSTRONG PROPERTY.	CONSTRUCT UNDER TRAFFIC
• GRADE SITE ACCORDINGLY.	CONSTRUCT UNDER TRAFFIC
• PLUG AND FILL 2 - 60" PIPES.	CONSTRUCT UNDER TRAFFIC
• CURED IN PLACE PIPE REHABILITATION OF 5 - 60" PIPES.	
PHASE IV	**PHASE IV**
• COMPLETE ANY REMAINING ITEMS OF WORK & REMOVE CONSTRUCTION TRAFFIC CONTROL DEVICES	TRAFFIC NOT AFFECTED

REQUIRED CONSTRUCTION SIGNS (740B-000)

SIGN	DESCRIPTION	MOUNT	CLASS	STD. DWG.	SIZE	QUANTITY (EACH)	TOTAL (SQ FT)
R11-2	ROAD CLOSED	POST	STD	SHS-8	48"X30"	2	20
W21-7	UTILITY WORK AHEAD	POST	STD	SHS-30	36"X36"	2	18
TOTAL							38

ESTIMATED QUANTITIES

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	STD OR SPECIAL DWG NO
674A-000	CONSTRUCTION SAFETY FENCE	LIN FT	500	
740B-000	CONSTRUCTION SIGNS	SQ FT	38	
740D-000	CHANNELIZING DRUMS	EACH	50	TCD-100
740E-000	CONES (36 INCHES HIGH)	EACH	50	TCD-100
740F-002	BARRICADES, TYPE III	EACH	15	B-107-2
740M-001	BALLAST FOR CONE	EACH	50	
742A-001	PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 2	EACH	2	

LEGEND

- TRAFFIC CONTROL SIGN
- CHANNELIZATION DRUM
- CONE (36" HIGH)
- FLAGMAN
- TYPE "B" WARNING LIGHT
- TYPE III BARRICADE
- TRAFFIC DIRECTION
- WORK AREA
- TEMPORARY ASPHALT
- SEQUENTIAL ARROW PANEL
- TEMPORARY TRAFFIC SIGNAL
- VERTICAL PANEL
- MESSAGE BOARD

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

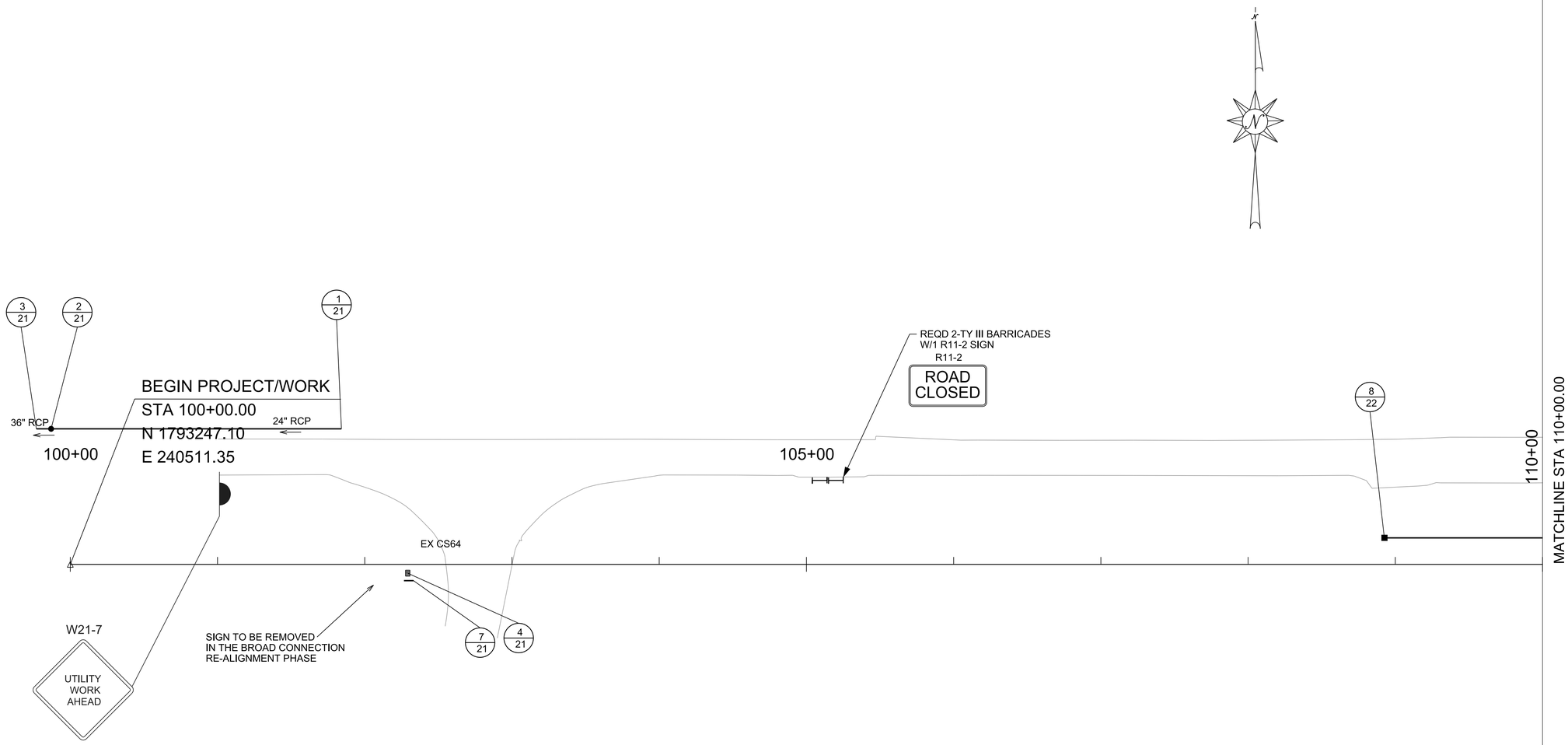
NOT TO SCALE

SHEET TITLE: TRAFFIC CONTROL PLAN SEQUENCE OF CONSTRUCTION AND LEGEND

ROUTE

TRAFFIC CONTROL PLAN - PHASE II

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	51



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

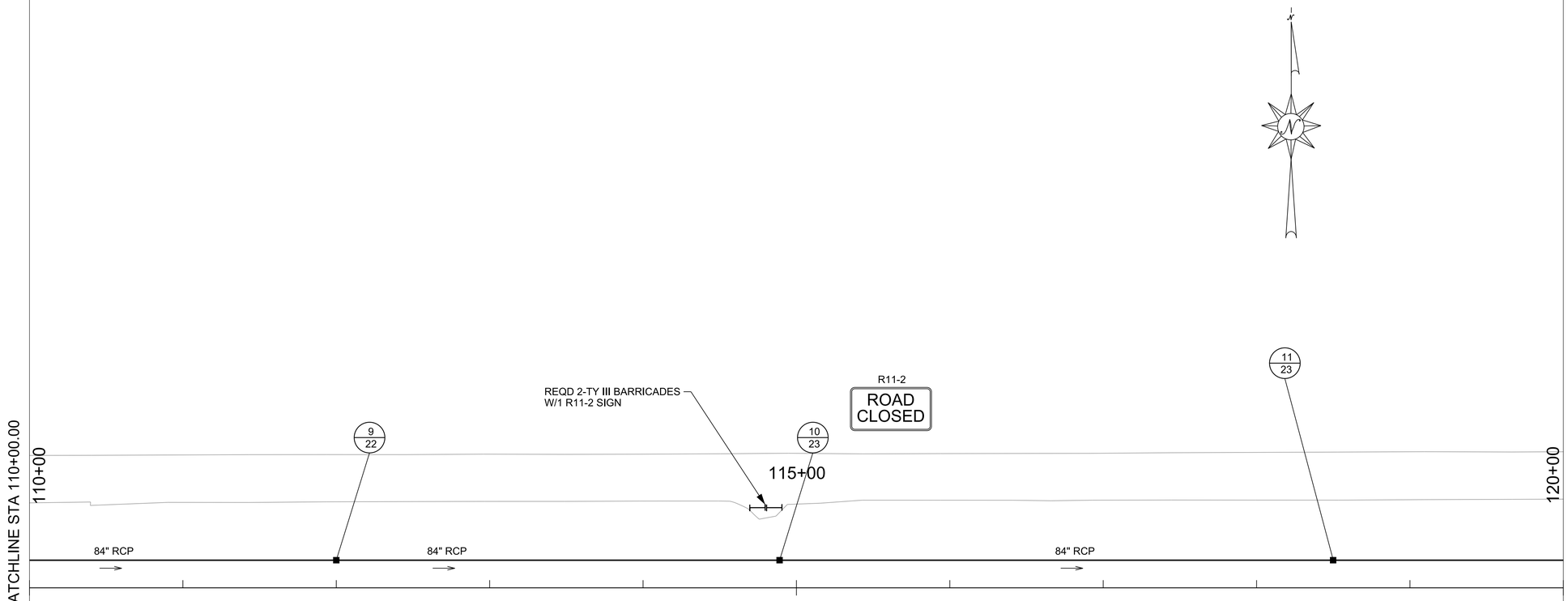
SHEET TITLE: TRAFFIC CONTROL PLAN PHASE II

ROUTE

User is: karman.richardson 14-APR-2025 13:13 Plot Scale=40.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@051_208_tcp.dgn

TRAFFIC CONTROL PLAN - PHASE II

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	52



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

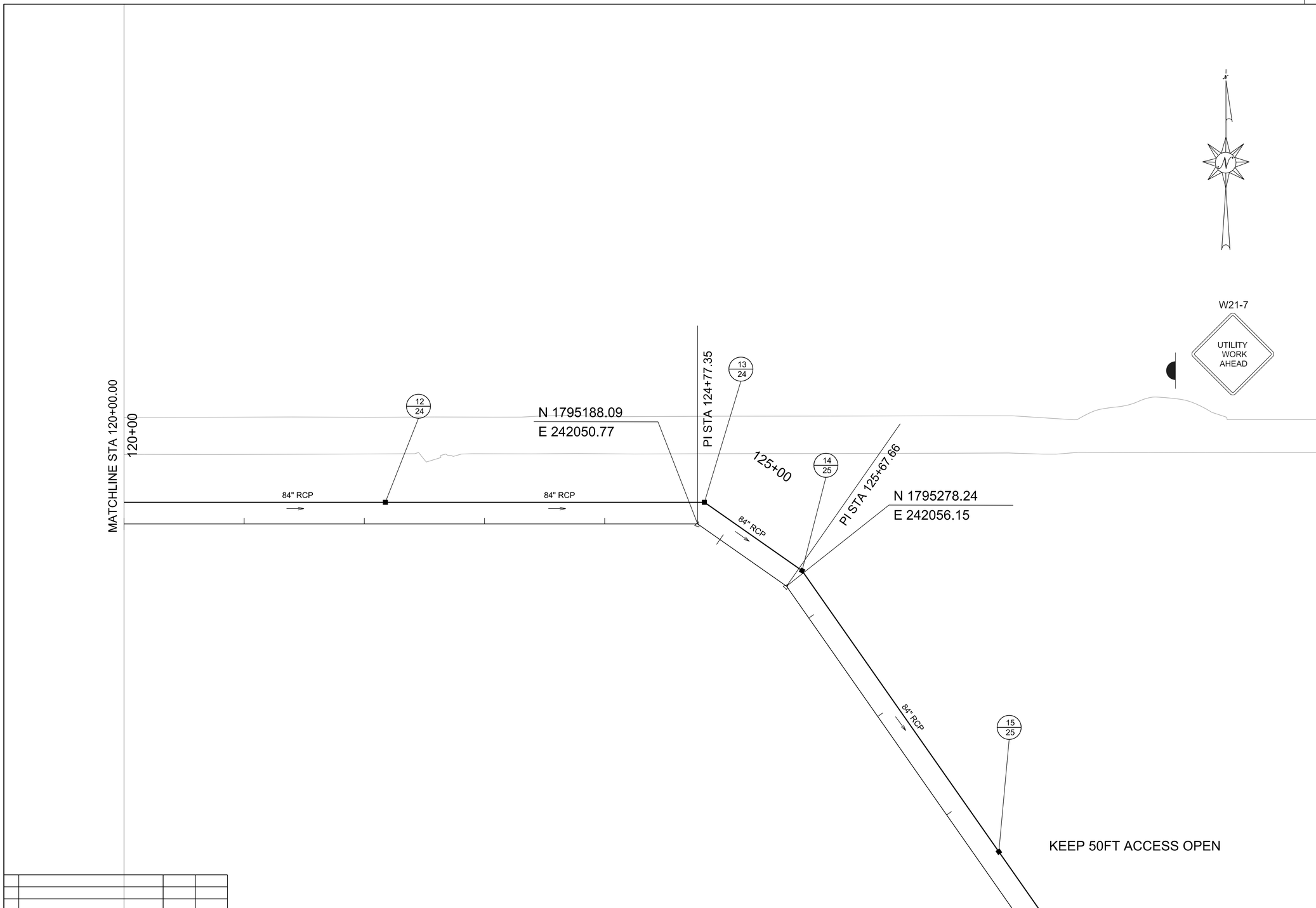
HORIZ 40 0 40 SCALE (FEET)

SHEET TITLE	ROUTE
TRAFFIC CONTROL PLAN PHASE II	

User Is: karman.richardson 14-APR-2025 13:13 Plot Scale=40.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@052_208_tcp.dgn

TRAFFIC CONTROL PLAN - PHASE II

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	53



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

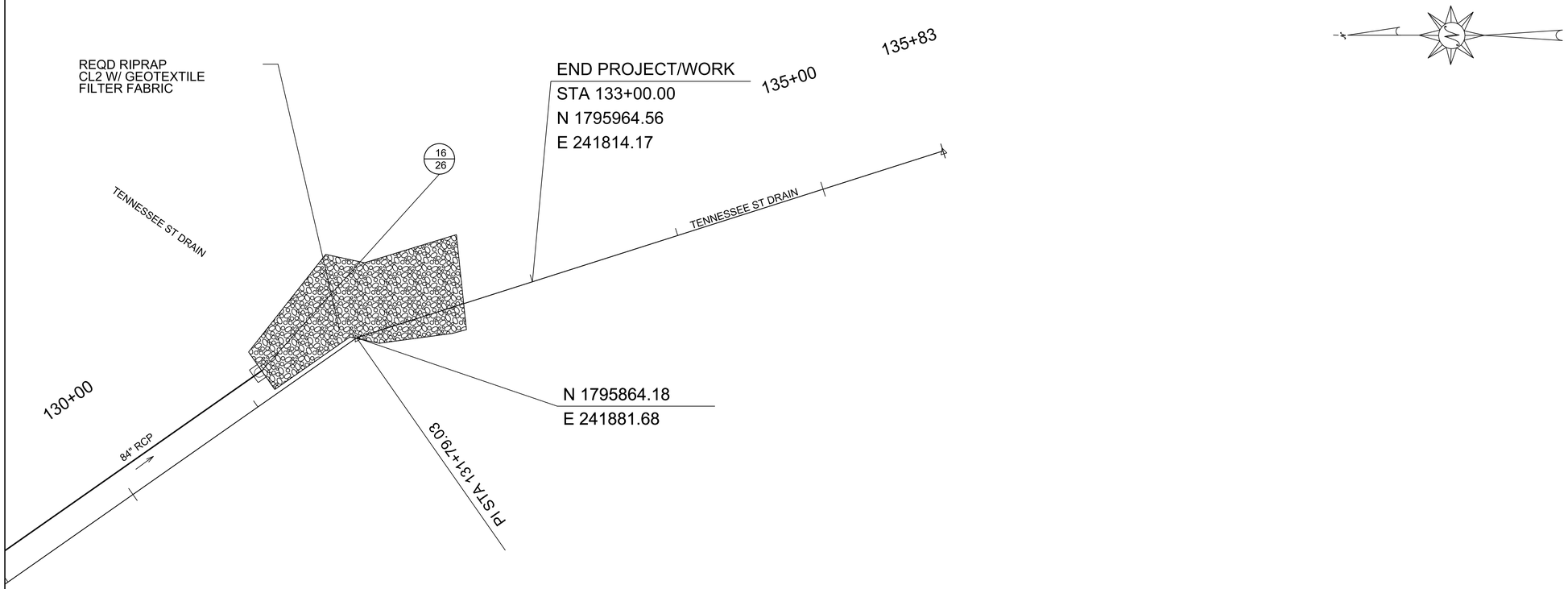
HORIZ 40 0 40 SCALE (FEET)

SHEET TITLE	ROUTE
TRAFFIC CONTROL PLAN PHASE II	

User Is: karman.richardson 14-APR-2025 13:13 Plot Scale=40.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@053_208_tcp.dgn

TRAFFIC CONTROL PLAN - PHASE II

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	54



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

SHEET TITLE	ROUTE
TRAFFIC CONTROL PLAN PHASE II	

EROSION AND SEDIMENT CONTROL PLANS LEGEND

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	69

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	
WATTLE SLOPE INTERRUPTERS	

INLET PROTECTION	
STABILIZED CONSTRUCTION ENTRANCE	SCE
EROSION CONTROL PRODUCTS	
SLOPE DRAIN	
TEMPORARY EARTH BERM WITH POLYETHYLENE	
DREDGE, FILL	
PRIMARY STORMWATER DISCHARGE POINT	25.0
SECONDARY STORMWATER DISCHARGE POINT	25.A
BACKGROUND POINT	25.1
SEDIMENT RETENTION BARRIER	
SOLID SODDING	
TEMPORARY RIPRAP BERM	
TEMPORARY SEDIMENTATION BASIN	TSB / 3
PERMANENT DETENTION BASIN	PDB / 3A

EROSION AND SEDIMENT CONTROL PHASES

INITIAL PHASE - AS CLEARING BEGINS AND PRIOR TO ANY GRUBBING OR GRADING WORK.

INTERMEDIATE PHASE - AS NEEDED. AS WORK IS ONGOING AND ADVANCING TOWARD COMPLETION.

FINAL CONSTRUCTION - AS WORK IS COMPLETED AND PERMANENT VEGETATION IS ESTABLISHED.

NOTES

1. ALL FLOCCULANTS ARE TO BE APPLIED AT THE DIRECTION OF THE ENGINEER. FLOCCULANTS SHALL ONLY BE USED ON STORMWATER THAT FLOWS INTO A REQUIRED SEDIMENTATION BASIN OR FLOWS THROUGH A MINIMUM OF THREE DITCH CHECKS ABSENT OF FLOCCULANT BEFORE LEAVING THE RIGHT-OF-WAY OR DISCHARGING INTO A BLUE LINED STREAM.

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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.

REVISIONS

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

EROSION & SEDIMENT CONTROL LEGEND

Bureau Std Engr: L.V.S.
DRAWN BY: W.D.H. DATE DRAWN: 10-14-16

SPECIAL DRAWING NO: SPECIAL PROJECT DETAIL
INDEX NO:

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

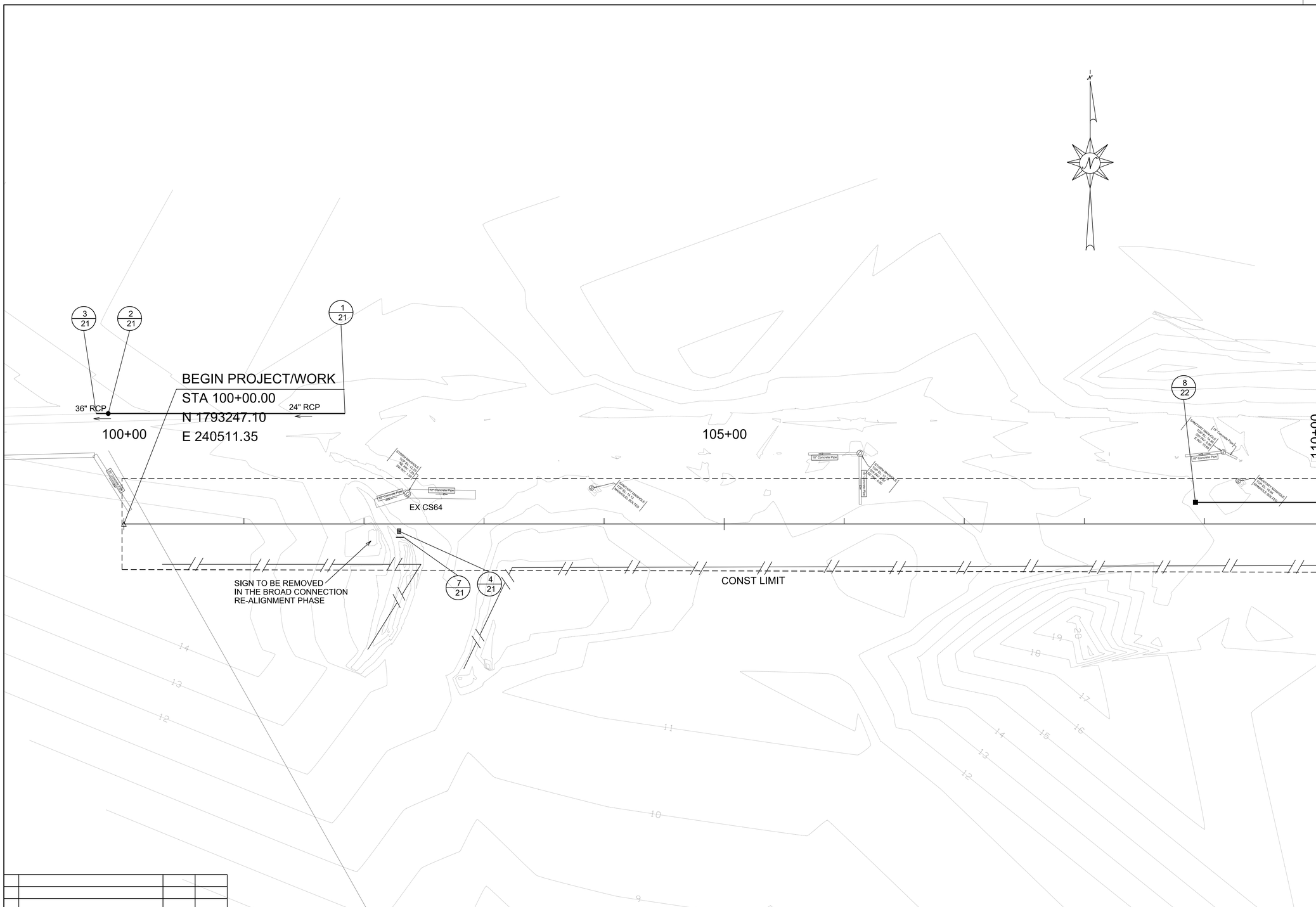
ALABAMA PORT AUTHORITY
PORT OF MOBILE

SHEET TITLE: EROSION AND SEDIMENT CONTROL PLANS LEGEND

ROUTE:

EROSION AND SEDIMENT CONTROL PLAN

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	70



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

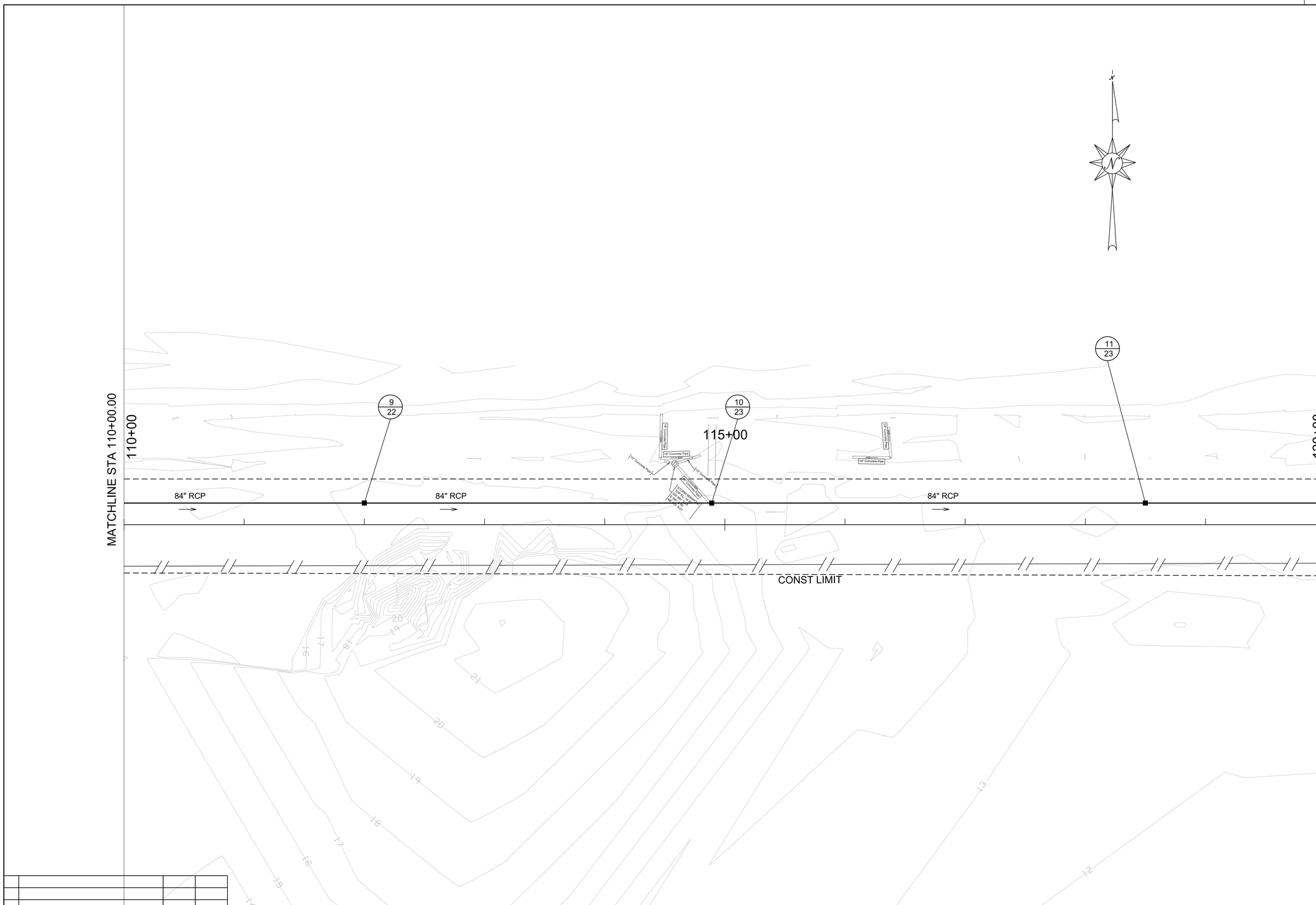
SHEET TITLE: EROSION AND SEDIMENT CONTROL PLAN

ROUTE

User is: karman.richardson 14-APR-2025 13:12 Plot Scale=40.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@070_208_ecp.dgn

EROSION AND SEDIMENT CONTROL PLAN

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	71



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

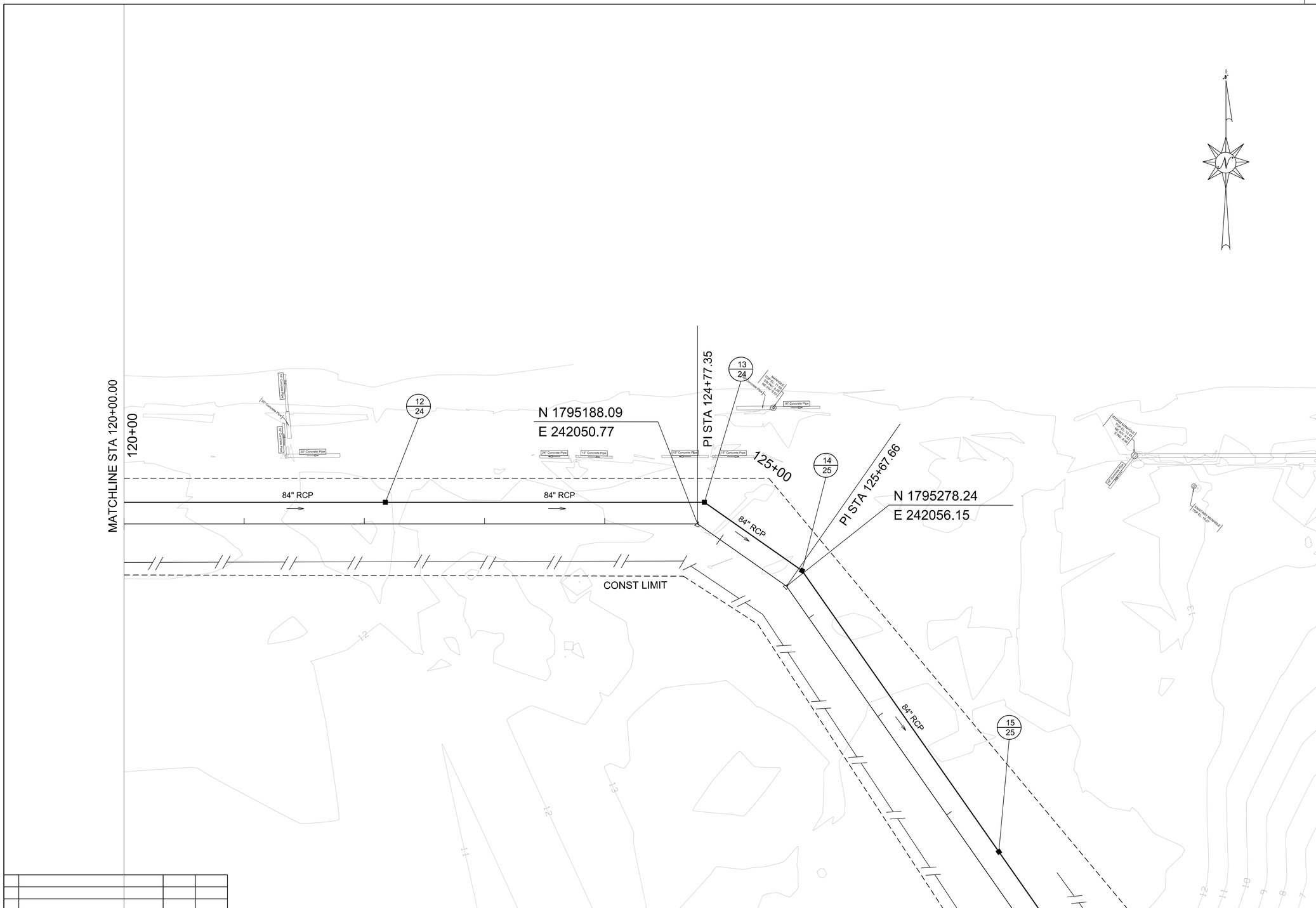
SHEET TITLE: EROSION AND SEDIMENT CONTROL PLAN

ROUTE

User Is: karman.richardson 14-APR-2025 13:12 Plot Scale=40.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@071_208_ecp.dgn

EROSION AND SEDIMENT CONTROL PLAN

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	72



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

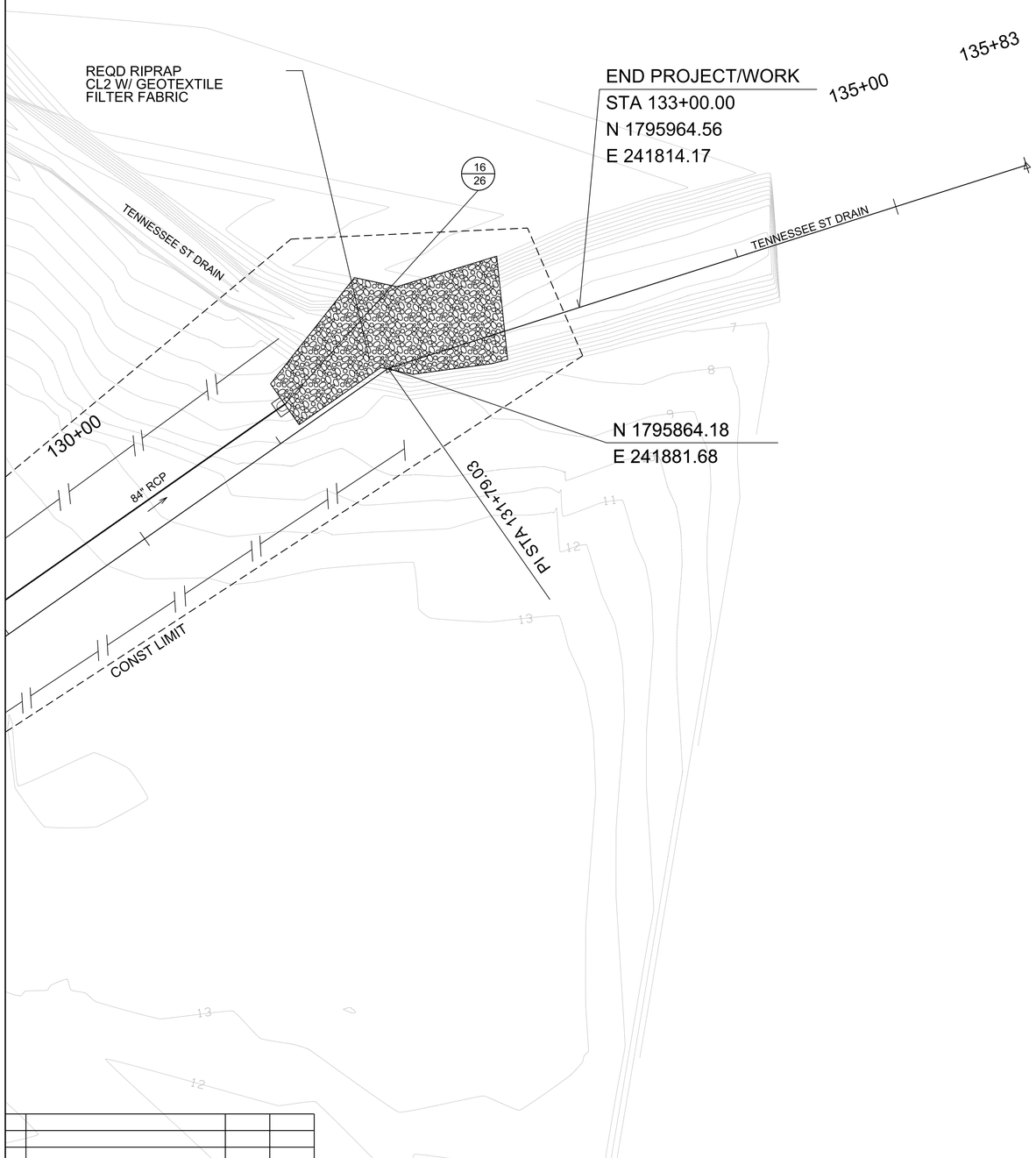
ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

SHEET TITLE	ROUTE
EROSION AND SEDIMENT CONTROL PLAN	

EROSION AND SEDIMENT CONTROL PLAN

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	73



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

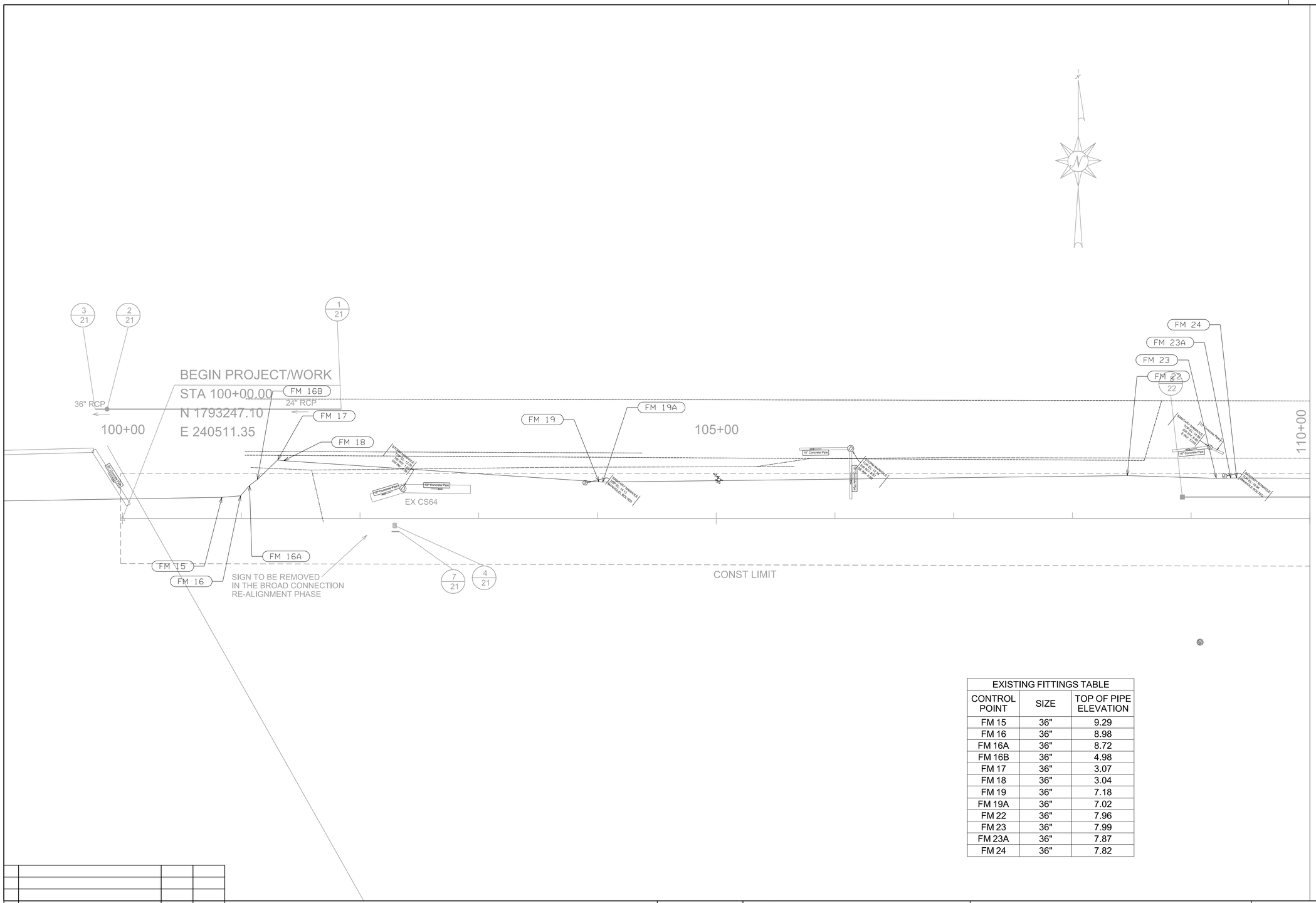
SHEET TITLE: EROSION AND SEDIMENT CONTROL PLAN

ROUTE

User Is: karman.richardson 14-APR-2025 13:12 Plot Scale=40.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@073_208_ecp.dgn

UTILITY SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	80



EXISTING FITTINGS TABLE		
CONTROL POINT	SIZE	TOP OF PIPE ELEVATION
FM 15	36"	9.29
FM 16	36"	8.98
FM 16A	36"	8.72
FM 16B	36"	4.98
FM 17	36"	3.07
FM 18	36"	3.04
FM 19	36"	7.18
FM 19A	36"	7.02
FM 22	36"	7.96
FM 23	36"	7.99
FM 23A	36"	7.87
FM 24	36"	7.82

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

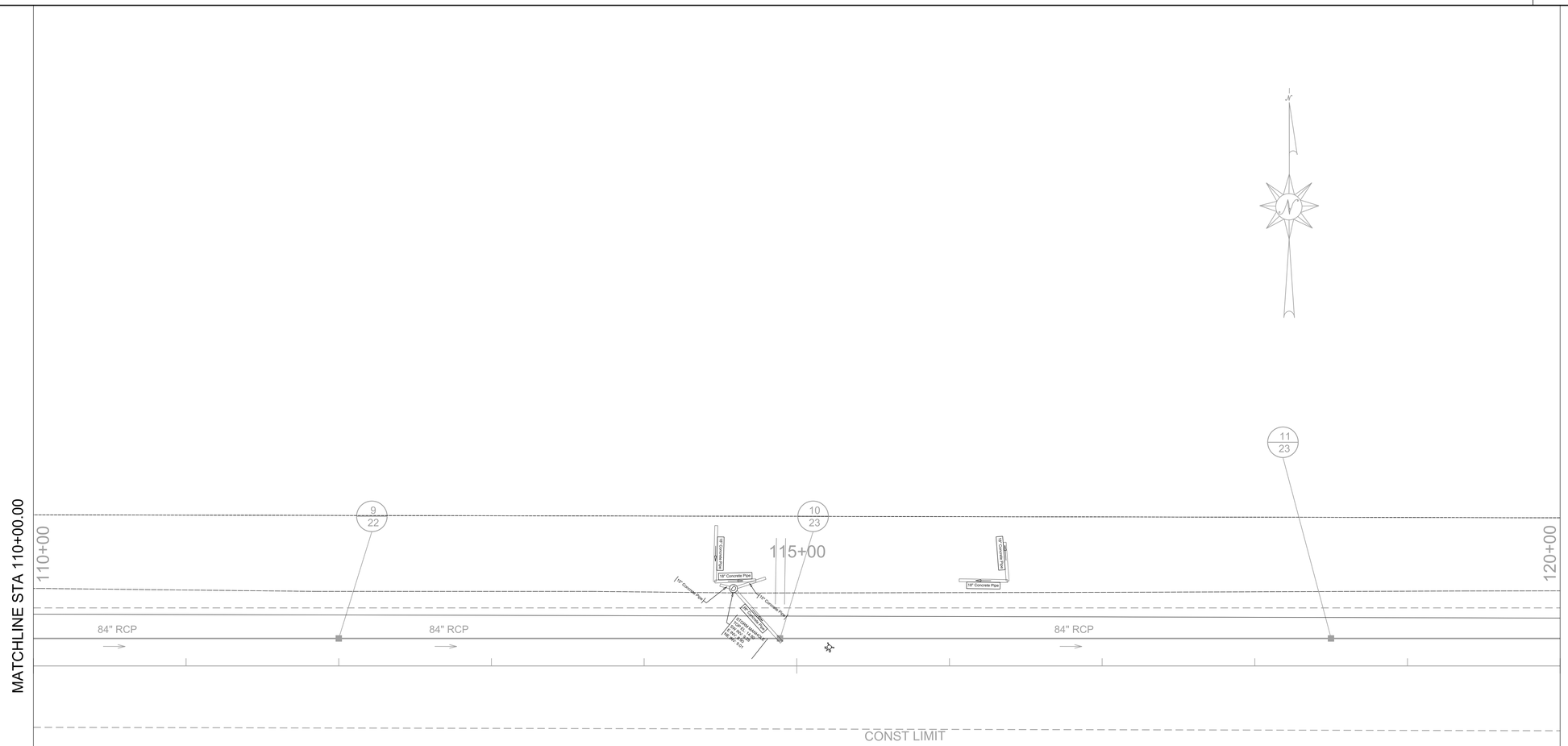
SHEET TITLE: UTILITY SHEET

ROUTE

User is: karman.richardson 14-APR-2025 13:12 Plot Scale=40.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@080_208_utl.dgn

UTILITY SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	81



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

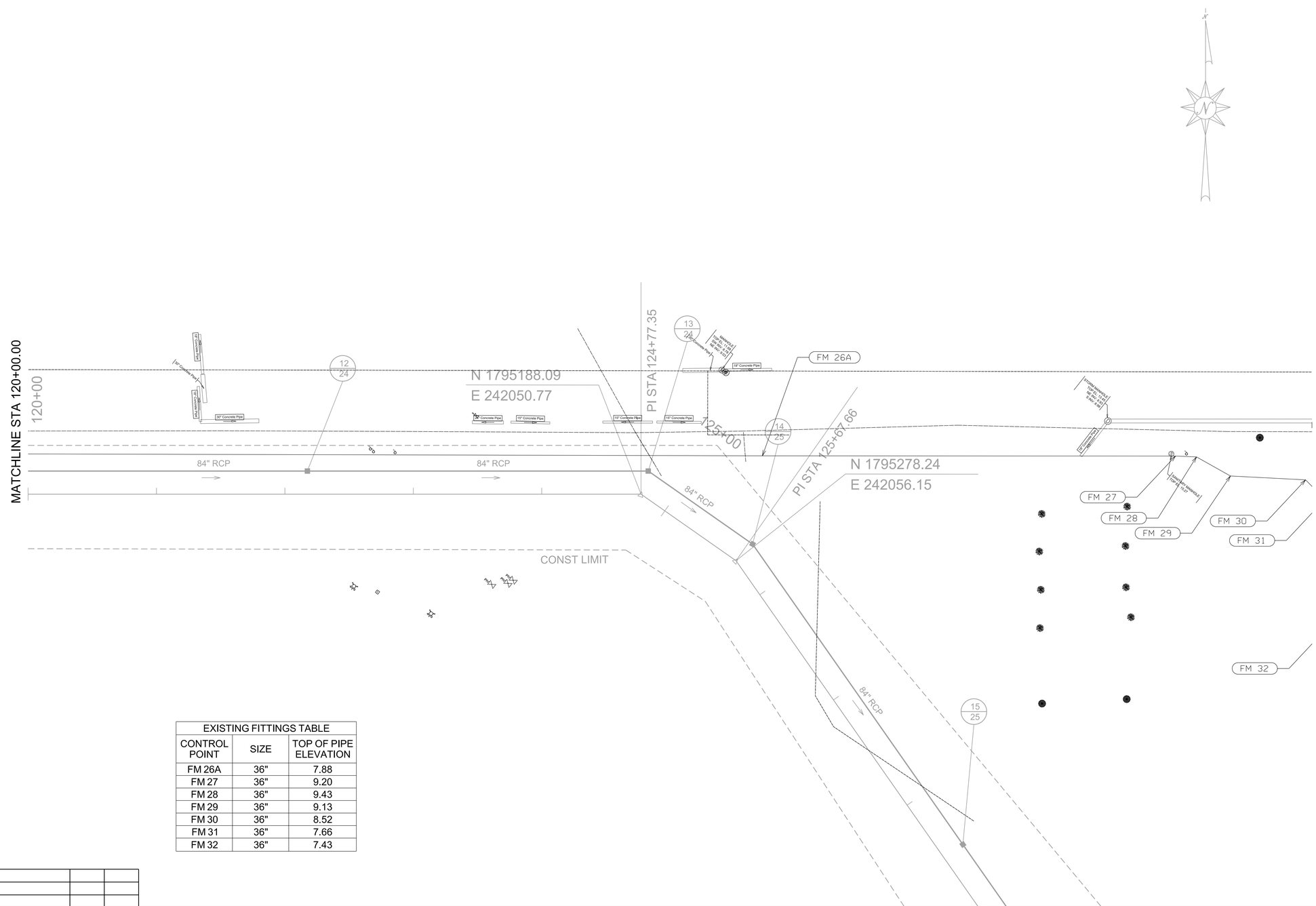
ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

SHEET TITLE	ROUTE
UTILITY SHEET	

UTILITY SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	82



EXISTING FITTINGS TABLE		
CONTROL POINT	SIZE	TOP OF PIPE ELEVATION
FM 26A	36"	7.88
FM 27	36"	9.20
FM 28	36"	9.43
FM 29	36"	9.13
FM 30	36"	8.52
FM 31	36"	7.66
FM 32	36"	7.43

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

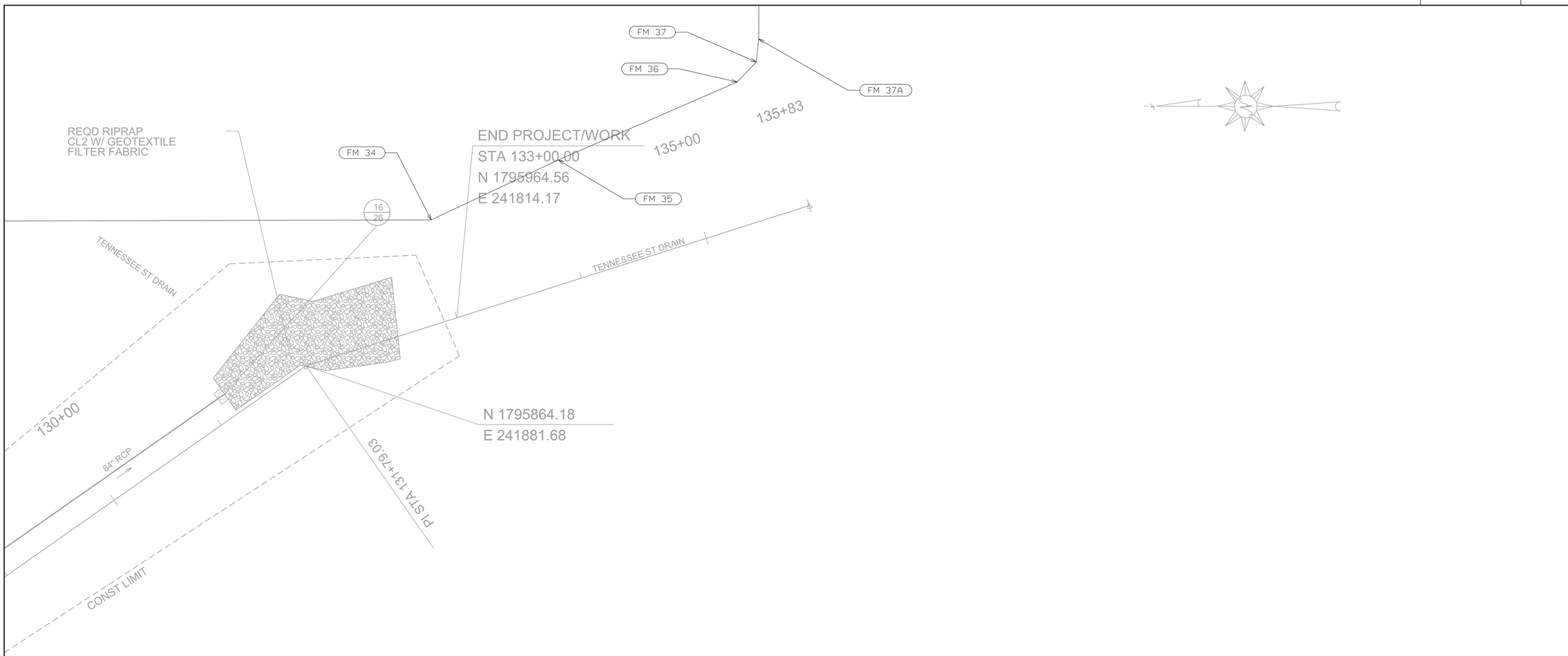
SHEET TITLE: UTILITY SHEET

ROUTE

User is: karman.richardson 14-APR-2025 13:12 Plot Scale=40.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1159200 - ASPA On-Call@1159208 - ASPA Logistics Park - Phase I_Redirect City Drainage@Project Design@Plans Assembly@082_208_utl.dgn

UTILITY SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	83



EXISTING FITTINGS TABLE		
CONTROL POINT	SIZE	TOP OF PIPE ELEVATION
FM 34	36"	5.78
FM 35	36"	6.19
FM 36	36"	5.81
FM 37	36"	5.10
FM 37A	36"	4.52

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 40 0 40 SCALE (FEET)

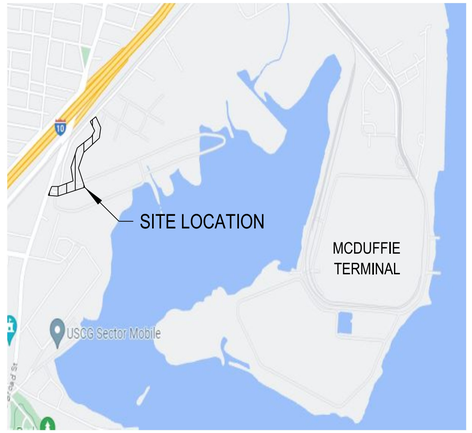
SHEET TITLE: UTILITY SHEET

ROUTE

ALABAMA PORT AUTHORITY
PORT OF MOBILE

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS
MOBILE ICTF RELOCATED ENTRANCE

MOBILE, ALABAMA
(11271 TASK 01)



LOCATION MAP
NTS

KAY IVEY, GOVERNOR
JOHN C. DRISCOLL, DIRECTOR AND C.E.O.

ALABAMA STATE PORT AUTHORITY - BOARD OF DIRECTORS

ZEKE SMITH, CHAIRMAN

ALVIN K. HOPE II, 1ST VICE CHAIRMAN
CARL JAMISON, 2ND VICE CHAIR
TONY COCHRAN
DR. PATRICIA SIMS
GARY SMITH
ROBERT HOPE
BRANDON BISHOP
SANDY STIMPSON, EX-OFFICIO

ALABAMA LICENSED No. 32805 PROFESSIONAL ENGINEER KERMAN RICHARDSON

04/14/2025

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

INDEX TO SHEETS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1A

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE	ROUTE
INDEX TO SHEETS	PORT CONNECTOR

STANDARD AND SPECIAL DRAWINGS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1B

THE FOLLOWING ARE SPECIAL OR STANDARD DRAWINGS CONTAINED IN THE ALABAMA DEPARTMENT OF TRANSPORTATION SPECIAL AND STANDARD HIGHWAY DRAWINGS BOOK (U.S. CUSTOMARY UNITS OF MEASUREMENTS) DATED 2025 WHICH APPLY TO THIS PROJECT.

INDEX NO	STD-DWG NO		DESCRIPTION
53001	HEP-1		HYDRAULICALLY EQUIVALENT ROUND PIPE (STORM SEWER)
53004	RPC-530	(SHEET 1 OF 3)	BEDDING AND FILL HEIGHTS FOR ALL ROADWAY PIPE CULVERTS (RCP AND CMP)
53005	RPC-530	(SHEET 2 OF 3)	BEDDING AND FILL HEIGHTS FOR ALL ROADWAY PIPE CULVERTS (CMP AND RCP)
53006	RPC-530	(SHEET 3 OF 3)	BEDDING AND FILL HEIGHTS FOR ALL ROADWAY PIPE CULVERTS (H.D.P.E. PIPE)
60901	ASP-609		AGGREGATE SLOPE PROTECTION UNDER GRADE SEPARATION BRIDGES
61801	SW-618	(SHEET 1 OF 4)	CURB RAMP DETAIL CALLOUTS, GENERAL NOTES FOR CURB RAMPS & SIDEWALKS, AND DETAILS
61802	SW-618	(SHEET 2 OF 4)	CORNER CURB RAMPS
61803	SW-618	(SHEET 3 OF 4)	MIDBLOCK CURB RAMPS
61804	SW-618	(SHEET 4 OF 4)	SIDEWALKS & CURB RAMPS AT DRIVEWAYS, RAILROAD, MEDIAN, & ISLAND CROSSINGS
62107	I-621-B	(SHEET 1 OF 2)	SEWER INLET TYPE B (SURFACE DRAIN) FOR USE IN INTERSECTIONS AND OTHER LOCATIONS WHERE A SURFACE TYPE DRAIN IS REQUIRED ON THE TRAVEL WAY
62108	I-621-B	(SHEET 2 OF 2)	SEWER INLET TYPE B (SURFACE DRAIN) FOR USE IN INTERSECTIONS AND OTHER LOCATIONS WHERE A SURFACE TYPE DRAIN IS REQUIRED ON THE TRAVEL WAY
62133	I-621-S		REINFORCED CONCRETE STORM SEWER INLET TYPES S3 AND S4
62137	I-621-S (PC)	(SHEET 1 OF 3)	PRECAST CONCRETE STORM SEWER INLET TYPES S1 AND S2
62138	I-621-S (PC)	(SHEET 2 OF 3)	PRECAST CONCRETE STORM SEWER INLET TYPES S1 AND S2
62139	I-621-S (PC)	(SHEET 3 OF 3)	PRECAST CONCRETE STORM SEWER INLET TYPES S1 AND S2
62307	623-XY		DETAILS OF CONCRETE CURBS AND CONCRETE CURB & GUTTER COMBINATIONS, SLOPING AND VERTICAL TYPES
62310	PC (ACG-71)		DETAILS OF CURB & GUTTER MACHINE MOLDS (THIS SHEET FOR USE IN SELECTING MACHINE MADE CONCRETE CURBS OR CONCRETE CURB & GUTTER COMBINATIONS)
66501	ESC-100-1		BEST MANAGEMENT PRACTICE REFERENCE MATRIX
66502	ESC-100-2		BEST MANAGEMENT PRACTICE REFERENCE MATRIX
66505	ESC-200-1		TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS
66506	ESC-200-2		DETAILS OF TEMPORARY SLOPE DRAIN, BERMS, AND ENERGY DISSIPATOR
66507	ESC-200-3		DETAILS OF SEDIMENT BARRIER APPLICATIONS
66508	ESC-200-4		DETAILS OF SILT FENCE INSTALLATION
66512	ESC-300-1		DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS
66513	ESC-300-2		DETAILS OF HAY BALE DITCH CHECKS
66514	ESC-300-3		DETAILS OF SANDBAG DITCH CHECK
66515	ESC-300-4		DETAILS OF EROSION CONTROL WATTLE DITCH CHECKS
66516	ESC-300-5		DETAILS OF SILT DIKE DITCH CHECKS
66517	ESC-300-6		DETAILS OF ROCK DITCH CHECKS
66518	ESC-300-7		DETAILS OF ROCK DITCH CHECKS WITH SUMP EXCAVATION
66522	ESC-400-1		INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS
66523	ESC-400-2		INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES AND SAGS
66524	ESC-400-3		INLET PROTECTION DETAILS OF WATTLES
66525	ESC-400-4		INLET PROTECTION DETAILS OF SILT FENCE
66526	ESC-400-5		INLET PROTECTION DETAILS OF SAND BAGS
66529	ESC-501		FLOATING BASIN BOOM
66532	ESC-502		STABILIZED CONSTRUCTION ENTRANCE
68001	GN-2 NOTES		STANDARD DESIGN NOTES FOR PLAN ASSEMBLIES
68004	TO-107		DETAILS OF INTERSECTIONS AND TURNOUTS
68016	SSEC-1	(SHEET 1 OF 14)	STANDARD SUPERELEVATION OF CURVES
68017	SSEC-1	(SHEET 2 OF 14)	STANDARD SUPERELEVATION OF CURVES
68018	SSEC-1	(SHEET 3 OF 14)	STANDARD SUPERELEVATION OF CURVES
68019	SSEC-1	(SHEET 4 OF 14)	STANDARD SUPERELEVATION OF CURVES

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: STANDARD AND SPECIAL DRAWINGS

ROUTE: PORT CONNECTOR

STANDARD AND SPECIAL DRAWINGS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1C

THE FOLLOWING ARE SPECIAL OR STANDARD DRAWINGS CONTAINED IN THE ALABAMA DEPARTMENT OF TRANSPORTATION SPECIAL AND STANDARD HIGHWAY DRAWINGS BOOK (U.S. CUSTOMARY UNITS OF MEASUREMENTS) DATED 2025 WHICH APPLY TO THIS PROJECT.

INDEX NO	STD-DWG NO		DESCRIPTION
68020	SSEC-1	(SHEET 5 OF 14)	STANDARD SUPERELEVATION OF CURVES
68021	SSEC-1	(SHEET 6 OF 14)	STANDARD SUPERELEVATION OF CURVES
68022	SSEC-1	(SHEET 7 OF 14)	STANDARD SUPERELEVATION OF CURVES
68023	SSEC-1	(SHEET 8 OF 14)	STANDARD SUPERELEVATION OF CURVES
68024	SSEC-1	(SHEET 9 OF 14)	STANDARD SUPERELEVATION OF CURVES
68025	SSEC-1	(SHEET 10 OF 14)	STANDARD SUPERELEVATION OF CURVES
68026	SSEC-1	(SHEET 11 OF 14)	STANDARD SUPERELEVATION OF CURVES
68027	SSEC-1	(SHEET 12 OF 14)	STANDARD SUPERELEVATION OF CURVES
68028	SSEC-1	(SHEET 13 OF 14)	STANDARD SUPERELEVATION OF CURVES
68029	SSEC-1	(SHEET 14 OF 14)	STANDARD SUPERELEVATION OF CURVES
70101	PS-701-6		DETAILS OF TRAFFIC STRIPING FOR 2 LANE HIGHWAYS
70104	197-NPL		DETAILS NO PASSING LINES FOR TWO LANE, TWO DIRECTION ROADWAY
70301	TCM-703	(SHEET 1 OF 2)	PAVEMENT LEGENDS AND MARKINGS
70302	TCM-703	(SHEET 2 OF 2)	PAVEMENT LEGENDS AND MARKINGS
70501	PM-705-1		DETAILS OF PAVEMENT MARKERS CLASS A, A-H, AND B
70504	PM-705-2		DETAILS SHOWING APPLICATION OF PAVEMENT MARKERS
71017	IHS-710-12		DETAILS OF ROADWAY SIGN POST (SMALL CHANNEL AND TUBULAR SECTION)
71032	IHS-710-21		DETAILS FOR LOCATION AND MOUNTING OF STANDARD FLAT PANEL SIGNS ON U-CHANNEL AND TUBULAR POSTS
71035	IHS-710-23		LIGHTWEIGHT STRUCTURAL SIGN SUPPORT INSTALLATIONS
71041	SL-710		TYPICAL STOP AND YIELD SIGN LOCATIONS
71060	SHS-1		STANDARD HIGHWAY SIGNS
71067	SHS-8		STANDARD HIGHWAY SIGNS
74001	B-107-2		PERFORATED SQUARE STEEL TUBING (PSST) BARRICADES TYPE I, TYPE II, AND TYPE III & VERTICAL PANELS TYPE I AND TYPE II
74007	TCD-100		DETAILS OF TRAFFIC CHANNELIZATION DEVICES

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: STANDARD AND SPECIAL DRAWINGS

ROUTE: PORT CONNECTOR

PLANS LEGEND SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1E

ROADWAY

55+00

CENTER LINE .....
STATE BOUNDARY LINE .....
COUNTY BOUNDARY LINE .....
CITY OR TOWN LIMITS .....
SECTION LINES ..... SEC 22 / SEC 23
QUARTER-SECTION LINES .....
RANGE-TOWNSHIP LINES ..... R-17-E / R-18-E
PROPERTY LINES .....
PRESENT ROW .....
ACQUIRED ROW .....
DENIED ACCESS .....
REQUIRED FENCE .....
CONSTRUCTION LIMITS ..... CONST LIM
CLEARING LIMITS .....
RAILROAD .....
EXISTING WOOD FENCE .....
EXISTING BARBED WIRE FENCE .....
EXISTING CHAIN LINK FENCE .....
EXISTING ELECTRIC FENCE .....
EXISTING HOG WIRE FENCE .....
TREES .....
WOODS LINE .....
MARSH .....
EXISTING DITCH .....
REQUIRED DITCH.....
GRAVEL ROAD .....
EXISTING GUARDRAIL .....
REQUIRED GUARDRAIL .....
SATELLITE DISH .....
TRAFFIC LIGHT .....
BENCH MARK .....
SURVEY POINT .....
ENVIRONMENTAL CLEARED LIMITS ..... ENV

EXISTING PIPE .....
REQUIRED PIPE
(WITH PIPE END TREATMENT).....
REQUIRED PIPE END TREATMENT.....
EXISTING BOX CULVERT .....
REQUIRED BOX CULVERT .....
EXTENDED CULVERT .....
DROP INLET OR JUNCTION BOX
(SEE PLANS DESCRIPTION).....
BRIDGE .....
PIPE CULVERT (ELEVATION VIEW) .... FL=410.25
BOX CULVERT (ELEVATION VIEW) ..... FL=420.55

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.

8/88 — REQD 18" RCP — 9/88

ROADWAY PIPE EXAMPLE

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.

SD/4 — REQD 18"

SIDE DRAIN PIPE EXAMPLE

DIRECTION OF FLOW .....

UTILITIES

	EXISTING	PROPOSED
POWER POLE		
LIGHT POLE		
TELEPHONE POLE		
ANCHOR		
STUB (POWER)		
STUB (TELEPHONE)		
ELECTRIC DUCT	EL 4MTD	EL 4MTD
BURIED ELECTRIC CABLE	BE	BE
OVERHEAD ELECTRIC CABLE	OE	OE
ELECTRIC MANHOLE	E	E
TOWER		
TELEPHONE PEDESTAL	T	T
TELEPHONE DUCT	TP 4MTD	TP 4MTD
BURIED TELEPHONE CABLE	BTC	BTC
OVERHEAD TELEPHONE CABLE	OTC	OTC
TELEPHONE MANHOLE	TMH	TMH
SANITARY SEWER	S	SS
WATER LINE	W	W
WATER MAIN	WM	WM
WATER VALVE	W	
FIRE HYDRANT		
WATER METER		
GAS LINE	G	G
GAS MAIN	GM	GM
GAS VALVE	G	G
GAS REGULATOR		
BURIED CABLE TELEVISION.....	BTV	BTV
OVERHEAD CABLE TELEVISION.....	OTV	OTV

EXISTING PAVEMENT (RETAIN).....
EXISTING PAVEMENT (REMOVE).....
EXISTING PAVEMENT (RETAIN AND OVERLAY)..
CONCRETE (EXISTING OR REQUIRED).....
EXISTING CONCRETE (REMOVE).....
RIP RAP (EXISTING OR REQUIRED).....
BRICK (EXISTING OR REQUIRED).....
EXISTING BRICK (REMOVE).....

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: PLANS LEGEND SHEET

ROUTE: PORT CONNECTOR

PLANS LEGEND SHEET ABBREVIATIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1F

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 ℄
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	℄
CHAIN LINK	C/L
CLASS	CLS
CONCRETE	CONC
CONNECTION	CONN
CONSTRUCTION LIMITS	CONST LIM
CORNER	COR
CORRECTION	CORR
CORRUGATED IRON	CORI
CORRUGATED METAL	CM
CORRUGATED METAL PIPE	CMP
CORRUGATED PLASTIC PIPE	CPP
COUNTY	CO
COUNTY ROAD	CO-RD
CREEK	CK
CROSS SECTION	X-SECT
CROWN REMOVED	CR
CUBIC FEET	FT3 or CU FT
CUBIC FEET PER SECOND	CFS
CUBIC YARD	YD3 or CU YD
CUBIC METERS	M3
CULVERT	CULV
CULTIVATED	CULT
CURB FACE	CF
CURB AND GUTTER	C&G
CUT	C
CURVE TO SPIRAL	CS
DECELERATION	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	EL or ELEV
END OF RETURN	ER
END ANCHOR	E/A
END OF PROJECT	EOP
EQUATION	EQ
EROSION CONTROL PRODUCTS	ECP
EXCAVATION	EXCAV
EXISTING	EX
EXPANSION	EXP
EXTENSION	EXT
EXTERNAL	E
EXTRA STRENGTH	EXT STR
FEET	FT
FILL	F
FILTER BLANKET	FLT BLNK
FINISHED GRADE	FG
FINISHED SURFACE	FS
FISCAL YEAR	FY
FIXED	FIX
FLAT BOTTOM	FB
FLOW LINE	FL or ℄
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	HDWL
HECTARE	HA
HIGH WATER MARK	HWM
HEIGHT	HT
HEIGHT OF INSTRUMENT	HI
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	L
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 TO 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	PCC
POINT OF CURVATURE	PC
POINT OF REVERSE CURVATURE	PRC
POINT OF ENDING	POE
POINT OF INTERSECTION	PI
POINT OF TANGENCY	PT
POINT ON CURVE	POC
POUND	LB
PRESENT	PRES
PROFILE GRADE	PG
PROJECT	PROJ
PROJECT CONTROL	PJC
PROPERTY LINE	ℙ
PROPOSED	PROP
QUADRUPLE	QUAD
QUADRUPLE BARREL CULVERT	CQ
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	SHLD
SIDE DRAIN	SD
SIDEWALK	SW
SIGHT DISTANCE	S DIST
SINGLE BARREL CULVERT	CS
SKEW	SK
SLOPE STAKE	SST
SOLID SODDING	SOL SOD
SOUTH	S
SOUTH BOUND ROADWAY	SBR
SPECIAL	SP
SPECIAL DITCH	SP-DT
SPECIAL DITCH LEFT	SDL
SPECIAL DITCH MEDIAN	SDM
SPECIAL DITCH RIGHT	SDR
SPECIAL DRAWING	SP-DWG
SPECIFICATIONS	SPEC
SPRING LINE	SL
SPIRAL TO CURVE	SC
SPIRAL POINT OF INTERSECTION	SPI
SPIRAL TO TANGENT	ST
SQUARE	SQ
SQUARE FEET	FT2 or SQ FT
SQUARE METERS	M2
SQUARE YARD	YD2 or SQ YD
STAKE	STK
STANDARD	STD
STANDARD DRAWING	STD-DWG
STANDARD STRENGTH	STD STR
STATION	STA
STATION & ELEVATION	S/E
STATION & OFFSET	SO
STOPPING SIGHT DISTANCE	SSD
STREET	ST
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	BTV
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

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

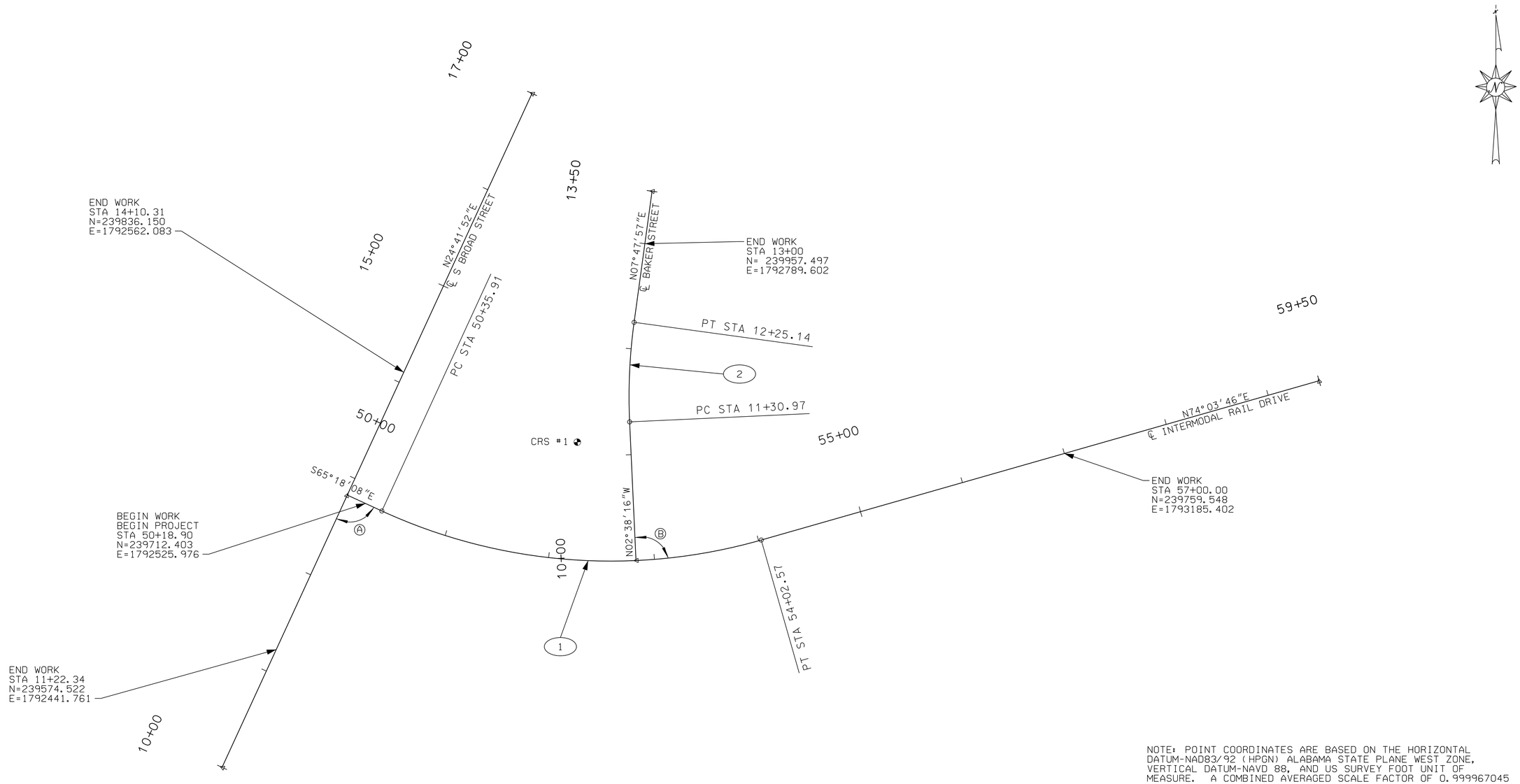
NOT TO SCALE

SHEET TITLE: PLANS LEGEND SHEET ABBREVIATIONS

ROUTE: PORT CONNECTOR

PRIMARY SURVEY CONTROL AND GEOMETRIC LAYOUT SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1G



NOTE: POINT COORDINATES ARE BASED ON THE HORIZONTAL DATUM-NAD83/92 (HPGN) ALABAMA STATE PLANE WEST ZONE, VERTICAL DATUM-NAVD 88, AND US SURVEY FOOT UNIT OF MEASURE. A COMBINED AVERAGED SCALE FACTOR OF 0.999967045 HAS BEEN CALCULATED USING THIS DATUM.

Ⓐ INTERMODAL RAIL DRIVE STA 50+00.00=
S BROAD STREET STA 12+84.39
∠= 90°00'00"
N=239720.301
E=1792508.804

Ⓑ INTERMODAL RAIL DRIVE STA 52+82.56=
BAKER STREET STA 10+00.00
∠= 88°32'26"
N=239658.554
E=1792781.237

CRS #1
BAKER STREET STATION=11+14.14
BAKER STREET OFFSET=50.18 LT
ELEVATION=16.48'
DESCRIPTION=CAPPED ROD SET
N=239770.263
E=1792725.855

(NOT SHOWN IN PLANS)
CRS #2
INTERMODAL RAIL DRIVE STATION=57+16.46
INTERMODAL RAIL DRIVE OFFSET=652.02 LT
ELEVATION=15.12'
DESCRIPTION=CAPPED ROD SET
N=240395.546
E=1793020.908

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 50 0 50 SCALE (FEET)

SHEET TITLE: PRIMARY SURVEY CONTROL AND GEOMETRIC LAYOUT SHEET

ROUTE: PORT CONNECTOR

GEOMETRIC DATA SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	1K

Horizontal Alignment Name: ℄ S BROAD STREET

	STATION	NORTHING	EASTING
Element: Linear			
POB ( )	10+00.00	239463.377	1792390.645
POE ( )	17+00.00	240099.342	1792683.125
Tangent Direction:	N 24°41′52" E		
Tangent Length:	700.00		

Horizontal Alignment Name: ℄ INTERMODAL RAIL DRIVE

	STATION	NORTHING	EASTING
Element: Linear			
POB ( )	50+00.00	239720.301	1792508.804
PC ( )	50+35.91	239705.298	1792541.425
Tangent Direction:	S 65°18′08" E		
Tangent Length:	35.91		
1 Element: Circular			
PC ( )	50+35.91	239705.298	1792541.425
PI ( )	52+27.33	239625.316	1792715.338
CC ( )		240175.006	1792757.443
PT ( )	54+02.57	239677.878	1792899.403
Radius:	517.00		
Design Speed(mph):	35.00		
Superelevation:	-2.20%		
Delta:	40°38′06" Left		
Degree of Curvature(Arc):	11°04′56"		
Length:	366.66		
Tangent:	191.42		
Chord:	359.03		
Middle Ordinate:	32.17		
External:	34.30		
Tangent Direction:	S 65°18′08" E		
Radial Direction:	S 24°41′52" W		
Chord Direction:	S 85°37′11" E		
Radial Direction:	S 15°56′14" E		
Tangent Direction:	N 74°03′46" E		
Element: Linear			
PT ( )	54+02.57	239677.878	1792899.403
POE ( )	59+50.00	239828.195	1793425.796
Tangent Direction:	N 74°03′46" E		
Tangent Length:	547.43		

Horizontal Alignment Name: ℄ BAKER STREET

	STATION	NORTHING	EASTING
Element: Linear			
POB ( )	10+00.00	239658.554	1792781.237
PC ( )	11+30.97	239789.383	1792775.210
Tangent Direction:	N 2°38′16" W		
Tangent Length:	130.97		
2 Element: Circular			
PC ( )	11+30.97	239789.383	1792775.210
PI ( )	11+78.19	239836.552	1792773.036
CC ( )		239813.177	1793291.662
PT ( )	12+25.14	239883.334	1792779.444
Radius:	517.00		
Design Speed(mph):	35.00		
Superelevation:	2.20%		
Delta:	10°26′13" Right		
Degree of Curvature(Arc):	11°04′56"		
Length:	94.18		
Tangent:	47.22		
Chord:	94.05		
Middle Ordinate:	2.14		
External:	2.15		
Tangent Direction:	N 2°38′16" W		
Radial Direction:	N 87°21′44" E		
Chord Direction:	N 2°34′50" E		
Radial Direction:	S 82°12′03" E		
Tangent Direction:	N 7°47′57" E		
Element: Linear			
PT ( )	12+25.14	239883.334	1792779.444
POE ( )	13+50.00	240007.033	1792796.387
Tangent Direction:	N 7°47′57" E		
Tangent Length:	124.85		

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

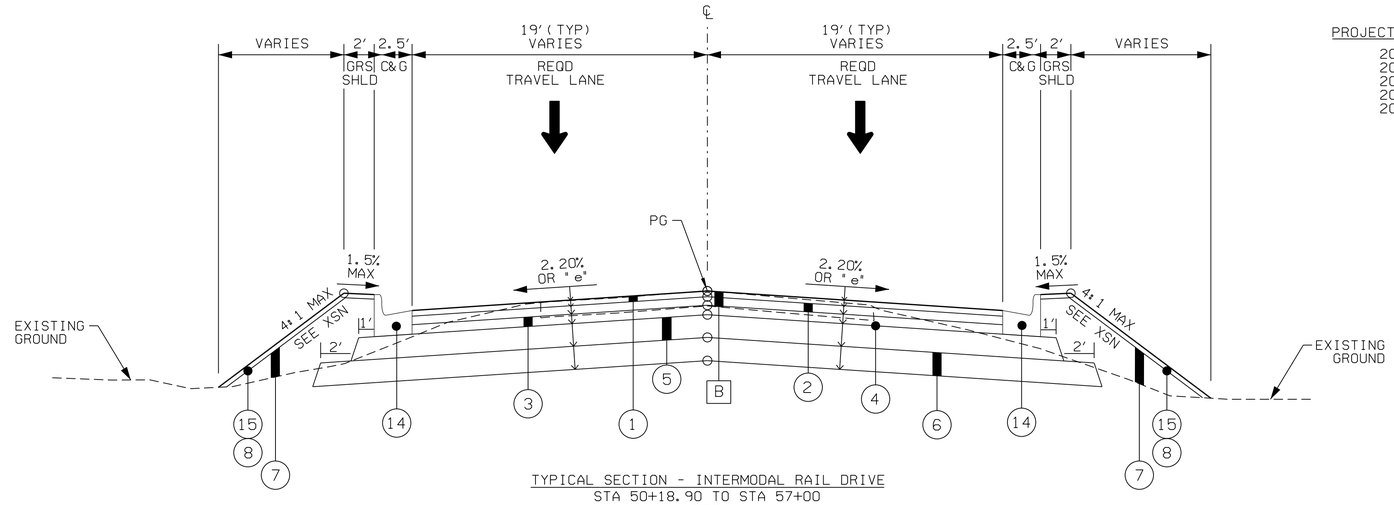
NOT TO SCALE

SHEET TITLE: GEOMETRIC DATA SHEET

ROUTE: PORT CONNECTOR

TYPICAL SECTION

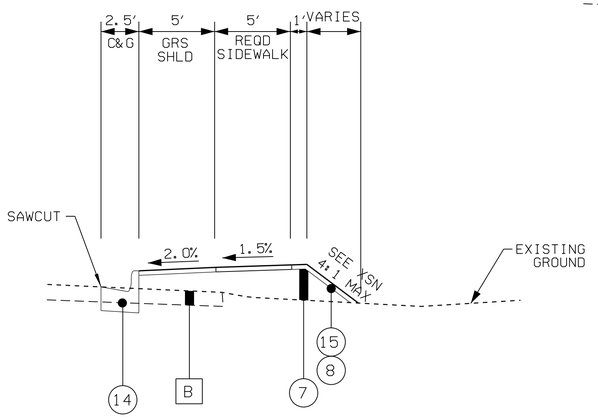
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	2



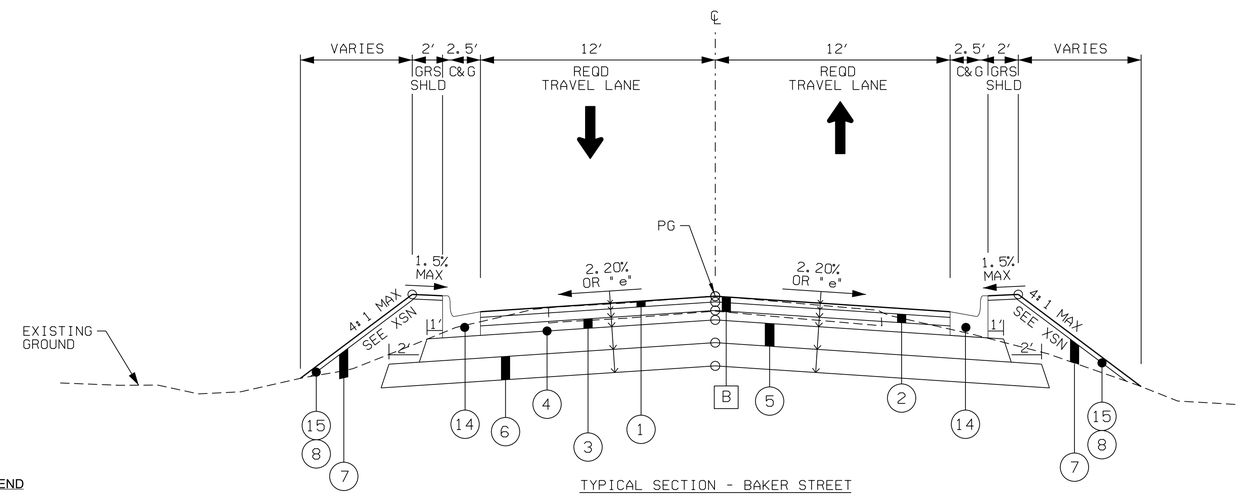
TYPICAL SECTION - INTERMODAL RAIL DRIVE
STA 50+18.90 TO STA 57+00
NTS

PROJECT NOTES
201
202
203
204
208

GN-2 NOTES
104
116



TYPICAL SECTION - S BROAD STREET
STA 11+22.30 TO STA 14+10.19
NTS



TYPICAL SECTION - BAKER STREET
STA 11+03.04 TO STA 13+00.00
NTS

EXISTING AND REQUIRED MATERIALS LEGEND

LEGEND NO.	ITEM NO.	DESCRIPTION
B		IN-PLACE BITUMINOUS PAVEMENT (REMOVE)
1	424A280	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E (APPROX. 225 LBS/SY)
2	424B281	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E (APPROX. 300 LBS/SY)
3	424B581	SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E (APPROX. 330 LBS/SY)
4	401A000	BITUMINOUS TREATMENT A
5	301A012	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS
6	230A000	ROADBED PROCESSING
7	210A000 AND/OR 210D010	UNCLASSIFIED EXCAVATION AND/OR BORROW EXCAVATION (A-2 OR BETTER)
8	650A000	TOPSOIL
14	623C000	COMBINATION CURB & GUTTER, TYPE C
15	654A001	SOLID SODDING (BERMUDA)

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

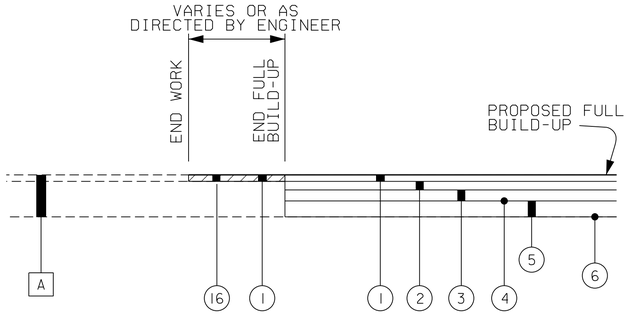
NOT TO SCALE

SHEET TITLE: TYPICAL SECTION

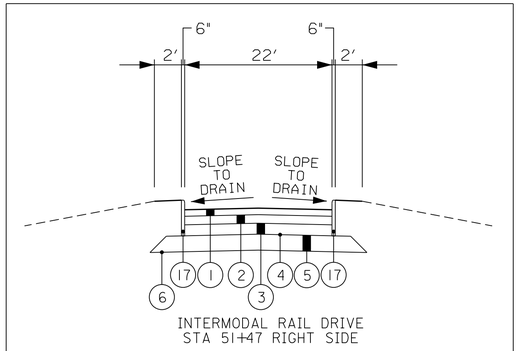
ROUTE: PORT CONNECTOR

PROJECT DETAILS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	2A

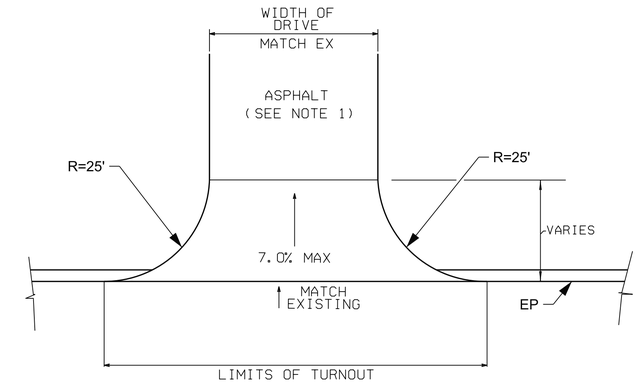


DETAIL OF PAVEMENT TIE
NTS

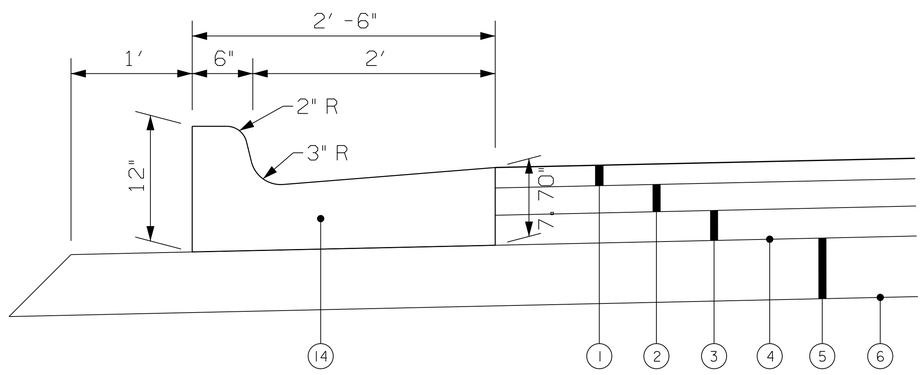


TYPICAL PAVED DRIVEWAY
NTS

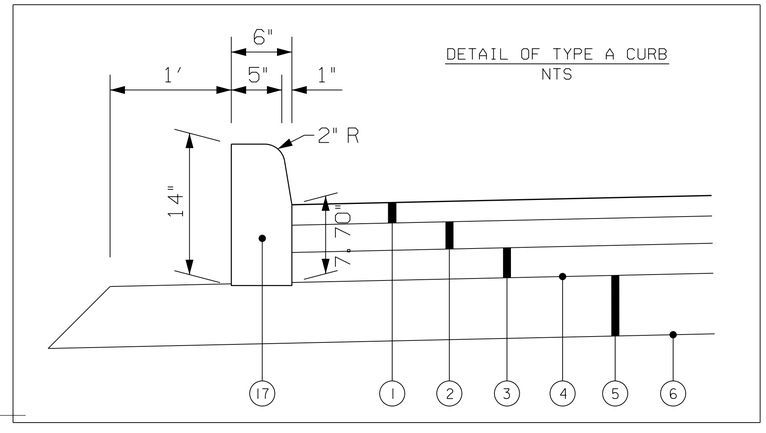
NOTES:
1. SURFACING OF DRIVE FROM BACK OF TURNOUT TO THE RIGHT-OF-WAY SHALL BE ASPHALT OR MATCH EXISTING.
2. THE TOP OF SUBGRADE SHALL BE COMPACTED TO 100 PERCENT OF AASHTO T-99.



DRIVEWAY TURNOUT DETAIL
NOT TO SCALE



DETAIL OF CURB AND GUTTER TYPE C
NTS



DETAIL OF TYPE A CURB
NTS

EXISTING AND REQUIRED MATERIALS LEGEND

LEGEND NO.	ITEM NO.	DESCRIPTION
A		IN-PLACE BITUMINOUS PAVEMENT (RETAIN)
1	424A280	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E (APPROX. 225 LBS/SY)
2	424B281	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E (APPROX. 300 LBS/SY)
3	424B581	SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E (APPROX. 330 LBS/SY)
4	401A000	BITUMINOUS TREATMENT A
5	301A012	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS
6	230A000	ROADBED PROCESSING
14	623C000	COMBINATION CURB & GUTTER, TYPE C
16	408A052	PLANING EXISTING PAVEMENT (APPROXIMATELY 1.10" THRU 2.0" THICK)
17	623B002	CONCRETE CURB, TYPE A

PROJECT NOTES	GN-2 NOTES
202	104
203	116
204	
206	
208	

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

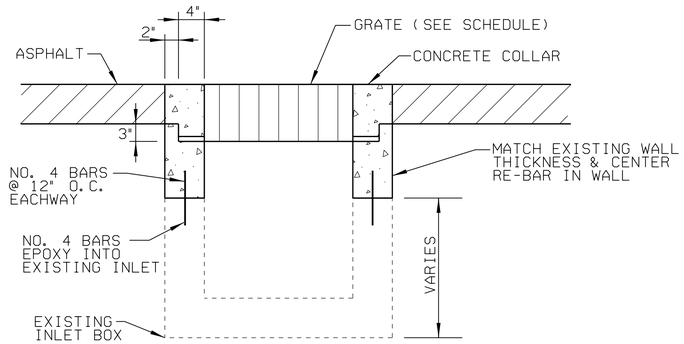
NOT TO SCALE

SHEET TITLE: PROFILE DETAILS

ROUTE: PORT CONNECTOR

PROJECT DETAILS

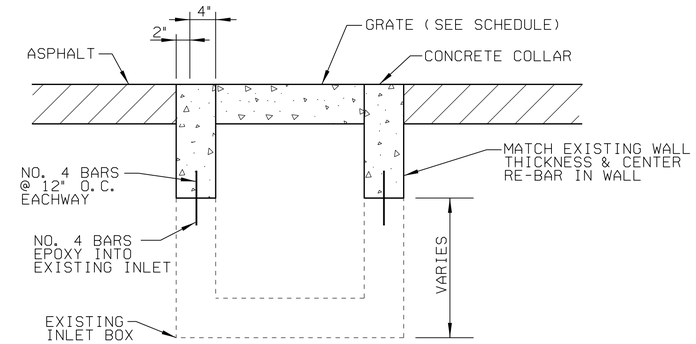
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	2B



NOTE: INLET MODIFIED TO FIT EXISTING CONDITIONS. USE TRAFFIC READY GRATE.

GRATE INLET SPECIAL DETAIL

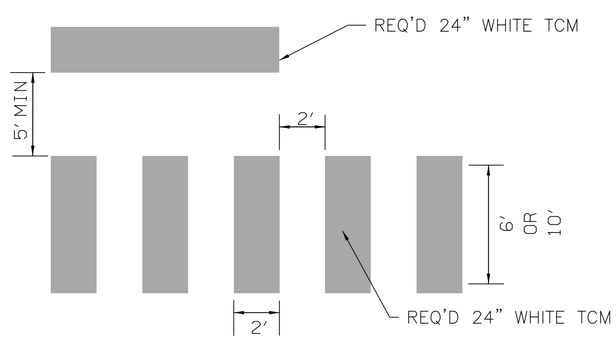
N. T. S.



NOTE: INLET MODIFIED TO FIT EXISTING CONDITIONS. USE TRAFFIC READY GRATE.

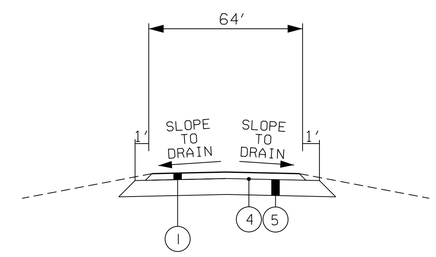
TRANSITION BOX SPECIAL DETAIL

N. T. S.



CROSSWALK DETAIL

NOT TO SCALE



PARKING LOT

NTS

EXISTING AND REQUIRED MATERIALS LEGEND

LEGEND NO.	ITEM NO.	DESCRIPTION
1	424A280	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E (APPROX. 225 LBS/SY)
4	401A000	BITUMINOUS TREATMENT A
5	301A012	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: PROFILE DETAILS

ROUTE: PORT CONNECTOR

PROJECT NOTES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	2H

NOTE NO. 200

200 OMITTED

201 FOR REQUIRED SLOPES AND DITCH LOCATIONS, SEE CROSS SECTION SHEETS.

202 ROADBED PROCESSING SHALL EXTEND 2' BEYOND THE OVERLYING CRUSHED AGGREGATE BASE LAYER.

203 TYPICAL SECTIONS, PLAN SHEETS AND PAVING LAYOUT SHEETS SHOULD BE USED IN CONJUNCTION WITH EACH OTHER FOR PAVEMENT WIDENING AND SHOULDER WIDTHS, PAVEMENT AND SHOULDER TRANSITIONS,TAPER LENGTHS, ETC.

204 SIDE ROADS SHALL HAVE THE SAME BUILDUP AS THE MAIN ROADWAY TO THE BACK OF THE RADII.

205 IN AREAS OF THE BRIDGE END SLABS AND IN AREAS WHERE THE REQUIRED PROCESSING WIDTH IS LESS THAN SIX (6) FT, ROADBED PROCESSING IS WAIVED AND THE TOP OF SUBGRADE SHALL BE COMPACTED TO 100 PERCENT OF AASHTO T-99. THE COST OF THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF THE OVERLYING LAYER.

206 THE CONTRACTOR SHALL BEGIN CLEANUP OPERATIONS OF LOOSE PLANED MATERIAL IMMEDIATELY BEHIND AND FOLLOWING PLANING OPERATIONS.

207 NO TESTING WILL BE REQUIRED FOR THE AGGREGATE SURFACING (CRUSHED AGGREGATE BASE, TYPE B), ITEM 430B-040. MATERIAL ACCEPTANCE SHALL BE BY VISUAL INSPECTION OF THE ENGINEER. AGGREGATE SURFACING WILL BE USED AS DIRECTED BY THE ENGINEER.

208 THE CONTRACTOR SHALL PREPARE BLADING, SHAPING AND COMPACTING TO THE SATISFACTION OF THE ENGINEER AND PAVE UNPAVED DRIVEWAYS, INTERSECTING STREETS, TURNOUTS AND APRONS AS SHOWN ON THE TYPICAL SECTION SHEETS. ROADBED PROCESSING IS WAIVED. COST OF BLADING, SHAPING AND COMPACTING SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 424A-280.

209 EACH LAYER OF FILL SOILS WITHIN THE REINFORCED ZONE OF THE EMBANKMENT SHOULD BE TESTED FOR COMPACTION EVERY 50 LINEAR FEET IN ADDITION TO THE COMPACTION TESTING PERFORMED BENEATH THE ROADWAY PRISM.

210 THE FINAL LIMITS OF THE MUCK EXCAVATION SHALL BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE PROJECT ENGINEER AND A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER.

NOTE NO. 300

300 PLANING, REMOVAL, AND DISPOSAL FOR PAVEMENT TIES SHALL BE PAID FOR UNDER PAY ITEM 424A-280 AS A SUBSIDIARY OBLIGATION.

301 THE STRIPING AND TRAFFIC CONTROL MARKING REMOVAL SHALL BE BY HYDRAULIC MEANS ONLY.

302 ALL PERMANENT OR TEMPORARY STRIPING PLACED ON A FINAL WEARING SURFACE THAT DOES NOT MEET THE TOLERANCES SPECIFIED SHALL BE REMOVED BY HYDRAULIC MEANS ONLY AND REPLACED WITHOUT COMPENSATION. THIS INCLUDES AREAS WHERE THE PERMANENT STRIPING DOES NOT MATCH THE ALIGNMENT, SPACING, ETC. OF THE TEMPORARY STRIPE, LEAVING THE TEMPORARY STRIPE EXPOSED.

303 ALL PERMANENT MULCH SHALL BE AN ALDOT APPROVED HYDRAULIC MULCH. THIS ITEM SHALL BE MEASURED AND PAID FOR UNDER PAY ITEM 656A-010.

304 THE CONTRACTOR SHALL SOD THE LIMITS OF THE GUARDRAIL AND GUARDRAIL END ANCHORS.

305 THE GEOSYNTHETIC REINFORCEMENT FOR REINFORCED SLOPES, TYPE 3 (PAY ITEM 243A022) MUST BE A UNIAXIAL GEOGRID CONSTRUCTED OF A SINGLE LAYER OF HIGH-DENSITY POLYETHYLENE MATERIAL.

306 THE GEOSYNTHETIC REINFORCEMENT FOR SOFT SOIL STABILIZAIOTN, TYPE 2 (PAY ITEM 243A034) MUST BE A BIAXIAL GEOGRID CONSTRUCTED OF A SINGLE LAYER OF POLYPROPYLENE MATERIAL.

307 ITEMS TO BE REMOVED THAT ARE NOT PROVIDED FOR BY PAY ITEMS OR SPECIFICALLY MENTIONED BY NOTE TO BE INCLUDE BY OTHER ITEMS OF WORK SHALL BE REMOVED IN ACCORDANCE WITH THE REQUIREMENTS FOR EXTRA WORK GIVEN IN ARTICLE 104.03 OF THE SPECIFICATIONS.

NOTE NO. 400

400 ANY IN PLACE PAVED DITCHES, RIPRAPPED SLOPES, AND AGGREGATE SURFACED AREAS THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND AT THE CONTRACTORS EXPENSE. GROUND COVER QUANTITIES (INCLUDING SOD, SEEDING, RIPRAP, AND AGGREGATE SURFACING SOIL STABILIZATION) MAY BE PLACED AT ANY TIME DURING CONSTRUCTION, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THESE AREAS THROUGH THE COMPLETION OF THE PROJECT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE REPAIR OR MAINTENANCE OF THESE AREAS.

401 ALL PAVEMENT TRANSITIONS ARE APPROXIMATE STATIONS ONLY AND THEY MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: PROJECT NOTES

ROUTE: PORT CONNECTOR

PROJECT NOTES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	2-I

NOTE NO. 800

800 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY OWNERS AND DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES ON THIS PROJECT WHETHER SHOWN ON THE PLANS OR NOT. THE LOCATION OF ANY REQUIRED GUARDRAIL, SIGNS, FOOTINGS OF ANY NATURE AND/OR ELECTRICAL/COMMUNICATIONS CONDUITS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO PREVENT ANY CONFLICTS WITH THESE UTILITIES.

801 IN THE EVENT OF ANY DAMAGE TO IN-PLACE UTILITIES, THEY SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AND THE UTILITY OWNER AT THE CONTRACTOR'S EXPENSE.

NOTE NO. 900

900 FUEL TANKS SHALL NOT BE STORED ON THE ROW OVERNIGHT. VEHICLES TRANSPORTING FUEL, CHEMICALS, FERTILIZERS, ETC. ONTO THE ROW SHALL NOT BE LEFT UNATTENDED.

901 THE EASTERN INDIGO SNAKE IS NOT EXPECTED TO BE FOUND IN THE PROJECT BOUNDARIES, HOWEVER THE USFWS RECOMMENDED THAT CONTRACTORS AND WORKERS BE INFORMED OF THE SNAKES'S DESCRIPTION IN ADDITION TO IMPLEMENTING A NO-INTENTIONAL-SNAKE-
801 KILLING-POLICY FOR THE PROJECT. WORK ACTIVITY SHOULD CEASE IMMEDIATELY, AND ANY SIGHTING REPORTED TO USFWS.

902 THE GOPHER TORTOISE IS NOT LIKELY TO BE AFFECTED BY THE PROJECT. IF A GOPHER TORTOISE WANDERS INTO THE PROJECT AREA, PLEASE CONTACT THE USFWS.

903 THE PROJECT AREA SHOULD BE THOROUGHLY SURVEYED TO DETERMINE IF THE FEDERALLY PROTECTED SPECIES, BALD EAGLE (HALIAEETUS LEUCOCEPHALUS), OR ITS NESTS MAY OCCUR IN THE IMPACT AREAS. THE NEAREST KNOWN BALD EAGLE NEST IS LOCATED FIVE MILES FROM THE PROPOSED PROJECT SITE. SINCE NO BALD EAGLE NESTS WERE FOUND IN OR ADJACENT TO THE PROJECT SITE DURING THE SURVEY, NO FURTHER CONSULTATION IS ANTICIPATED FOR BALD EAGLES UNLESS THERE ARE SIGHTINGS IN THE PROJECT AREA. THE USFWS MUST BE CONTACTED IF ANY BALD EAGLE NEST OR INDIVIDUALS ARE SIGHTED IN THE PROJECT AREA.

904 THE USFWS PROPOSES THE IMPLEMENTATION OF THE "STANDARD MANATEE CONSTRUCTION CONDITIONS,"FOR THE PROJECT. IF THE CONDITIONS ARE IMPLEMENTED, THERE WILL BE NO ADVERSE IMPACT TO THE FLORIDA MANATEE AND FORMAL CONSULTATION WILL NOT BE REQUIRED. IF THE STEPS CANNOT BE EXERCISED OR THERE IS AN OCCURRENCE OF COLLISION WITH AND/OR INJURY TO THE FLORIDA MANATEE AS A RESULT OF THE PROPOSED PROJECT, THEN FURTHER CONSULTATION WITH THE USFWS WILL BE REQUIRED. ANY OBSERVATION OF A FLORIDA MANATEE WITHIN THE AREA DURING PROJECT OPERATIONS MUST BE REPORTED TO USFWS.

905 THE CONTRACTOR SHALL INSTALL THE NECESSARY EROSION CONTROL ITEMS TO PREVENT FILL AND CUT SLOPES FROM CONTAMINATING THE ADJACENT WATERWAYS. THESE ITEMS SHALL BE PAID FOR UNDER THE APPROPRIATE PAY ITEMS.

906 ALL DISTURBED AREAS SHALL BE SODDED.

907 IN THE EVENT THAT GROUND-DISTURBING WORK UNCOVERS NATIVE AMERICAN ARTIFACTS OR HUMAN REMAINS,FEDERALLY RECOGNIZED TRIBES WITH HISTORICAL INTEREST IN BALDWIN COUNTY WILL BE NOTIFIED IMMEDIATELY. IF ANY ARCHAEOLOGICAL OR CULTURAL MATERIALS ARE DISCOVERED DURING THE PROJECT UNDERTAKING, NEITHER THE CONSTRUCTION TEAM NOR THE APPLICANT WILL DISCLOSE THE INFORMATION TO THE PUBLIC OR THE MEDIA IN ANY MANNER. DISCOVERIES OF ARCHAEOLOGICAL MATERIALS WILL BE KEPT PRIVATE AND CONFIDENTIAL.

908 THE CONTRACTOR IS REQUIRED TO PROVIDE A QUALIFIED CREDENTIALED PROFESSIONAL AS DESCRIBED IN ALDOT SSHC, SUB-ITEM 108.04(b)6.a TO INCLUDE PREPARING AND CERTIFYING THE CONTRACTOR'S STORMWATER PLAN (SWMP); (PREPARING THE CONTRACTOR'S SWMP INCLUDES RUNOFF CALCULATIONS NEEDED FOR FIGURING FLOCCULANT DOSAGE RATES, WHICH MUST BE SOIL SPECIFIC), PROVIDING FLOCCULANT DOSAGE RATES SPECIFIC TO BMP APPLICATIONS, AND BE INCLUDED IN THE SWMP.

909 EROSION AND SEDIMENT CONTROL ITEMS SHALL BE INSTALLED AT DISCHARGE POINTS AND OTHER LOCATIONS AS NEEDED AND DIRECTED BY THE ENGINEER, AND SHALL BE PAID FOR UNDER APPROPRIATE PAY ITEMS.

NOTE NO. RETAINING WALL

1 THE WALL DESIGNER WILL BE RESPONSIBLE FOR EVALUATING SLIDING, OVERTURNING, AND THE INTERNAL AND EXTERNAL GLOBAL STABILITY OF THE WALL SYSTEM BASED UPON THE LENGTH, TYPE, SPACING, AND STRENGTH OF THE WALL REINFORCEMENT. THE APPROPRIATE FACTORS OF SAFETY SHALL BE UTILIZED IN THE MSE WALL DESIGN.

2 THE CONTRACTOR/WALL DESIGNER MUST ACCOUNT FOR THE NATURAL GROUNDWATER AND ANY SURFACE WATER THAT MAY SEEP INTO THE EMBANKMENT FILL BEHIND THE WALL AND PROVIDE THE APPROPRIATE DRAINAGE MEASURES IN THE WALL DESIGN TO ALLOW UNIMPEDED FLOW OF WATER THROUGH THE WALL AND/OR COLLECT AND REMOVE WATER BEFORE IT ENTERS THE ZONE OF INFLUENCE OF THE WALL. THE WALL DESIGNER AND/OR CONTRACTOR WILL BE RESPONSIBLE FOR ENSURING THAT THE SOILS UTILIZED IN THE COMSTRUCTION OF A MSE RETAINING WALL STRUCTURE MEET THE REQUIREMENTS AS SPECIFIED AND SUBMITTED IN THE WALL DESIGN.

3 PRIOR TO THE CONSTRUCTION OF THE WALL, THE EXPOSED SURFACE SHALL BE OBSERVED AND DOCUMENTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER TO CHECK THAT FOUNDATION SUPPORT SOILS ARE SIMILAR TO THOSE ENCOUNTERED IN THE TEST BORINGS, AND THAT UNSUITABLE MATERIALS ARE NOT PRESENT. UNSUITABLE MATERIALS INCLUDE MATERIAL THAT WILL NOT PROVIDE SUFFICIENT BEARING CAPACITY OR WILL BE PRONE TO DEGRADATION, SUCH AS TOPSOIL, DEBRIS, AND EXCESSIVELY WET, HIGHLY ORGANIC, OR SOFT/LOOSE SOIL. THE PROJECT ENGINEER SHOULD BE CONTACTED IF THE EXPOSED BEARING SURFACE BECOMES EXCESSIVELY WET. ANY SOFT UNSUITABLE SOILS ENCOUNTERED AT THE RECOMMENDED BEARING CAPACITY ELEVATIONS SHOULD BE OVEREXCAVATED AND BACKFILLED WITH FOUNDATION BACKFILL, COMMERCIAL, PER ALDOT 214.

4 THE FOUNDATION BEARING AREA, UNDERCUT SURFACES, AND FILL LIFTS SHOULD BE LEVEL OR SUITABLY BENCHED AND BE FREE OF LOOSE SOIL, PONDED WATER, AND DEBRIS. IF EXPOSED SOILS ARE SOFTENED BY SURFACE WATER OR GROUNDWATER INTRUSION OR EXPOSURE, THE SOFTENED SOILS SHOULD BE REMOVED IMMEDIATELY PRIOR TO PLACEMENT OF ADDITIONAL FILL OR WALL ELEMENTS.

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: PROJECT NOTES

ROUTE: PORT CONNECTOR

GENERAL TRAFFIC CONTROL PLAN NOTES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	2J

( ) DENOTES NOTES THAT APPLY TO THIS PROJECT

700 THE TRAFFIC CONTROL PLAN IS DEVELOPED IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PART 6, 2009 EDITION. THE TRAFFIC CONTROL DEVICES INDICATED REPRESENT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT ACTUAL PHYSICAL CONDITIONS WARRANT ADDITIONAL TRAFFIC CONTROL DEVICES, THEY SHALL BE INSTALLED IN CONFORMANCE WITH THE M.U.T.C.D. PART 6 AS DIRECTED BY THE ENGINEER. COST SHALL BE PAID FOR UNDER THE APPROPRIATE PAY ITEM.

701 ALL BLACK ON ORANGE CONSTRUCTION SIGNS SHALL BE FABRICATED USING TYPE XI FLUORESCENT ORANGE REFLECTIVE SHEETING MATERIAL FOR THE SIGN BACKGROUND.

702 DURING NON-WORKING HOURS NO EQUIPMENT OR MATERIAL SHALL BE PARKED OR STORED CLOSER THAN 30 FEET TO THE EDGE OF ANY ROADWAY CARRYING TRAFFIC. WHEN THIS IS NOT PRACTICAL, IT SHALL BE PLACED IN AN AREA APPROVED BY THE ENGINEER AND DELINEATED BY REFLECTORIZED DRUMS. THIS INCLUDES STORAGE OF TRAFFIC CONTROL DEVICES SUCH AS TRAILER MOUNTED OR OTHER TEMPORARY SIGNS, BARRICADES, DRUMS, ETC., WHICH ARE NOT IN USE DURING NON-WORKING HOURS. TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE ALDOT. (SEE SKETCH ON SHEET 48)

703 WHERE THE LOCATION OF A REQUIRED SIGN FALLS IN A DRIVEWAY, SIDEWALK, BRIDGE, ETC., OR WHERE THE VISIBILITY OF A SIGN IS LIMITED TO THE TRAVELING PUBLIC, THE LOCATION SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.

704 THE CONTRACTOR IS TO REMOVE, RELOCATE OR COVER DURING CONSTRUCTION AND THEN RESET OR UNCOVER UPON COMPLETION OF A PARTICULAR SECTION ANY CONFLICTING IN-PLACE ROADWAY SIGNS AND DELINEATORS, AS DIRECTED BY THE ENGINEER. SIGNS REQUIRING REMOVAL SHALL BE STOCKPILED AS DIRECTED BY THE ENGINEER AND SHALL BECOME PROPERTY OF THE ALDOT. COST SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 740B.

705 DURING ALL PHASES OF WORK, NON-APPLICABLE PAVEMENT STRIPING OR MARKINGS SHALL BE REMOVED AND APPROPRIATE PAVEMENT STRIPING OR MARKINGS SHALL BE PLACED AS EXPEDITIOUSLY AS PRACTICAL, BUT IN ALL CASES, SHALL BE IN PLACE BY NIGHTFALL ON ANY ROADWAY CARRYING TRAFFIC, EXCEPT ON SHORT TERM OPERATIONS WHERE IT IS DETERMINED BY THE ENGINEER, THAT SUCH REMOVAL AND REPLACEMENT IS MORE HAZARDOUS THAN LEAVING EXISTING MARKINGS IN PLACE. COST OF ANY REMOVAL SHALL BE PAID FOR UNDER ITEM 701D OR AS A SUBSIDIARY OBLIGATION OF ITEM 701C.

706 OMITTED

707 THE CONTRACTOR SHALL PLACE ALL ADVANCE WARNING SIGNS BEFORE PROCEEDING WITH HIS WORK. SIGNS SHALL BE PLACED IN ORDER, IN THE DIRECTION OF TRAFFIC AND REMOVED IN REVERSE ORDER.

708 ALL VEHICLES, EQUIPMENT, PERSONNEL (EXCEPT FLAGGERS), AND THEIR ACTIVITIES, ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.

709 THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE ACCESS TO BUSINESSES AND RESIDENCES DURING ALL PHASES OF CONSTRUCTION.

710 CONSTRUCTION SIGNS MOUNTED ON TEMPORARY SUPPORTS SHALL BE MOUNTED AT A MINIMUM HEIGHT OF 5 FEET.

711 FLAGGERS SHALL BE PROPERLY ATTIRED, EQUIPPED WITH STAFF MOUNTED STOP/SLOW PADDLES IN SIGHT OF EACH OTHER, OR HAVE DIRECT COMMUNICATION AT ALL TIMES. FLAGGER STATION LOCATION MAY BE VARIED FROM THOSE SHOWN BASED ON ROADWAY ALIGNMENT AND CONDITIONS AT THE TIME OF THE LANE CLOSURE.

712 FLAGGERS ARE TO BE USED WHEN DIRECTED BY THE ENGINEER. SIGNS SHALL BE PLACED AT THE APPROPRIATE TIME, AND SHALL BE COVERED OR REMOVED WHEN FLAGGERS ARE NOT ON DUTY AND DURING NON-WORKING HOURS.

713 FOR MOVING OPERATIONS, THE TRAFFIC CONES MAY BE DELETED IF THE FLAGGERS ARE IN SIGHT OF EACH OTHER, OR IF A PILOT CAR IS USED ON A TWO LANE ROADWAY.

714 OMITTED

715 ALL CONTRACTOR'S EMPLOYEES' PERSONAL VEHICLES, AND CONTRACTOR'S EQUIPMENT NOT IN OPERATION, SHALL BE PARKED A MINIMUM OF THIRTY (30) FEET FROM THE TRAVELED WAY DURING WORKING HOURS, AS NOT TO CREATE A HAZARD.

716 THE TRAFFIC CONTROL PLAN IS NOT ALL INCLUSIVE. THE TCP PROVIDES SEVERAL DETAILED DRAWINGS INDICATING THE TRAFFIC CONTROL NECESSARY FOR THE DIFFERENT CONSTRUCTION ACTIVITIES ANTICIPATED FOR THIS PROJECT. THE CONTRACTOR SHALL SELECT THE DETAILED DRAWING THAT BEST FITS THE ACTIVITY TO BE PERFORMED.

717 OMITTED

718 REQUIRED TEMPORARY ROUTE MARKER ASSEMBLIES THAT ARE TO BE LOCATED IN THE VICINITY OF EXISTING ROUTE MARKERS SHOULD BE PLACED ALONG SIDE OF THOSE ALREADY IN PLACE. SOME EXISTING ROUTE MARKERS MAY HAVE TO BE COVERED OR REMOVED, AS DIRECTED BY THE ENGINEER. COST SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 740B.

719 RA-1 (REBUILD ALABAMA) SIGNS SHALL BE REQUIRED FOR EVERY PROJECT. RA-1 SIGNS SHALL BE PLACED AT THE BEGINNING OF THE WORK LIMITS OF THE SUBJECT PROJECT ROUTE. RA-1 SIGNS SHALL BE POSTED ON THE RIGHT-HAND SIDE OF THE ROADWAY ON THEIR OWN SUPPORT SYSTEM. THE RA-1 SIGNS SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.

720 ALL TRAFFIC CONTROL DEVICES THAT ARE NOT APPLICABLE AT ANY SPECIFIC TIME SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

721 OMITTED

722 OMITTED

723 THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE SAFETY OF PEDESTRIAN TRAFFIC CROSSING THE WORK ZONES DURING CONSTRUCTION.

724 OMITTED

725 ALL SIGNS SHALL BE POST-MOUNTED IF THE WORK PERIOD EXCEEDS FOUR DAYS, EXCEPT FOR THOSE SIGNS WHICH ARE MOUNTED ON BARRICADES. FOR REPEATED DAY OPERATIONS, SIGNS MAY BE MOUNTED ON TEMPORARY SUPPORTS AND REMOVED AT THE COMPLETION OF THE DAY'S OPERATION.

726 W8 SIGNS INTENDED TO WARN MOTORISTS OF SURFACE CONDITIONS EXTENDING FOR GREATER THAN 1 MILE SHALL BE PLACED PRIOR TO THE BEGINNING OF SURFACE CONDITION AND AT 1 MILE INCREMENTS THEREAFTER, WITH THE EXCEPTION SPECIFIED IN NOTE 727.

727 DURING THE WIDENING OR RESURFACING OF ANY ROADWAY CARRYING TRAFFIC, THE CONTRACTOR SHALL ADVISE THE MOTORISTS OF ANY EDGE OF PAVEMENT DROP-OFFS 3 INCHES OR GREATER BY PLACING SHOULDER DROP-OFF SIGNS EVERY ½ MILE BEGINNING PRIOR TO THE WIDENING OR RESURFACING. REQUIRED SHOULDER WORK TO ELIMINATE THE DROP-OFFS SHALL BE PURSUED IN AN EXPEDITIOUS MANNER FOLLOWING THE WIDENING AND/OR RESURFACING.

728 A DIFFERENCE IN ELEVATION OF APPROXIMATELY 2 INCHES OR LESS AT THE CENTERLINE MAY BE ALLOWED DURING NON-WORKING HOURS WITHOUT ADDITIONAL TRAFFIC CONTROL. SPECIAL CONDITIONS MAY EXIST WHERE PROTECTION SHOULD BE PROVIDED WHERE THE DIFFERENCE IS 2 INCHES OR LESS.

729 SIGNS ON TEMPORARY SUPPORTS ARE TO BE REMOVED OR COVERED WHEN NO WORK IS BEING PERFORMED OR AT THE COMPLETION OF THE DAY'S OPERATION.

730 OMITTED

731 OMITTED

732 CHANNELIZING DRUMS SHOULD BE PLACED ON 10 FOOT INTERVALS IN RADII.

733 CHANNELIZING DRUMS PLACED TO PROTECT COMPLETED WORK NOT OPEN TO TRAFFIC, SHOULD BE SPACED AT 50 FOOT INTERVALS.

734 CHANNELIZING DRUMS PLACED IN THE EXCAVATED AREA AHEAD OF PAVING OPERATIONS, SHOULD BE SPACED AT 50 FOOT INTERVALS.

735 CHANNELIZING DRUMS PLACED ON PAVEMENT DURING WORKING HOURS SHALL BE SHIFTED TO THE EDGE OF SHOULDER DURING NON-WORKING HOURS AND DURING PEAK PERIODS.

736 CHANNELIZING DRUMS SHOULD BE PLACED ON 25 FOOT INTERVALS THROUGHOUT ALL TAPERS.

737 CHANNELIZING DEVICES SHALL EXTEND TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.

738 OMITTED

739 OMITTED

740 OMITTED

741 FOR DIVIDED ROADWAYS, THE REQUIRED ADVANCE WARNING SIGNS SHALL BE POSTED ON BOTH THE RIGHT AND LEFT SIDE OF THE ROADWAY.

742 THE CONTRACTOR SHALL CLOSE THE LANE ADJACENT TO THE WORK AREA ANYTIME WORK OUTSIDE THE EXISTING TRAVEL LANES ENCROACHES WITHIN 2 FEET OF THE EXISTING EDGE OF PAVEMENT.

743 OMITTED

744 THE TRANSITION TAPER LENGTH (L) IS SHOWN IN TABLE 6C-4, AND THE BUFFER LENGTH IS SHOWN IN TABLE 6C-2 OF THE MUTCD, PART 6, 2009 EDITION.

745 OMITTED

746 UNEVEN LANES SIGNS SHALL BE COVERED OR REMOVED WHEN NO UNEVEN PAVEMENT CONDITIONS EXIST.

747 MOVING OPERATIONS SHALL BE CONFINED TO ONE LANE IN THE DIRECTION OF TRAFFIC.

748 R16-3 (WHEN WORKERS ARE PRESENT BEGIN HIGHER FINES) AND R16-3A (END HIGHER FINES) SIGNS SHALL BE REQUIRED FOR EVERY PROJECT ON STATE ROUTES AND INTERSTATE HIGHWAYS. THESE SIGNS SHALL BE POSTED AT THE BEGINNING AND END OF THE PROJECT WITH AN R2-1 (REGULATORY SPEED SIGN) ALWAYS FOLLOWING THE R16-3 SIGN. R16-3B (HIGHER FINES ZONE) AND R2-1 SIGNS SHALL BE POSTED AT MAXIMUM INTERVALS OF THREE MILES THROUGHOUT THE PROJECT LIMITS.

749 WHEN A CONSTRUCTION WORK ZONE SPEED LIMIT REDUCTION IS NOT REQUIRED AT THE END OF THE WORK DAY, THE CONTRACTOR SHALL COVER OR REMOVE THE REDUCED R2-1 (REGULATORY SPEED SIGNS) AND THE W3-5B (REDUCED SPEED AHEAD) SIGNS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

750 DURING REPLACEMENT OF GUARDRAIL AND/OR GUARDRAIL END ANCHORS, A REFLECTORIZED DRUM SHALL BE PLACED BEFORE THE END OF ANY EXPOSED GUARDRAIL AT NIGHT WHERE THE GUARDRAIL END ANCHOR CANNOT BE REPLACED IN ONE DAY'S TIME.

751 CONSTRUCTION SIGNS MOUNTED ON A SINGULAR OR DUAL SQUARE TUBULAR OR U-CHANNEL POST SHALL BE INSTALLED AS SHOWN ON SPECIAL DRAWING NOS. IHS-710-21 AND IHS-710-23.

752 THE CONTRACTOR AND THE CONSTRUCTION ENGINEER SHALL DISCUSS AND PLAN FOR THE HANDLING OF TRAFFIC FOR ALL HOLIDAYS BEFORE ANY WORK BEGINS. UNLESS OTHERWISE PRE-APPROVED BY THE REGION ENGINEER, THE FOLLOWING SHALL HOLD:

THE CONTRACTOR SHALL NOT HAVE A LANE CLOSURE DURING THE FOLLOWING PERIODS UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR ALDOT:

FOR CHRISTMAS AND NEW YEARS DAY:
FROM 11:59 PM DECEMBER 23 THROUGH 6:00 AM JANUARY 2.

FOR NATIONAL MEMORIAL DAY AND LABOR DAY:
FROM 12:00 NOON THE FRIDAY BEFORE THE HOLIDAY
THROUGH 11:59 PM THE DAY OF THE HOLIDAY.

FOR INDEPENDENCE DAY (THE 4TH OF JULY):
FROM 12:00 NOON THE DAY BEFORE THE HOLIDAY THROUGH
11:59 PM THE DAY OF THE HOLIDAY.

FOR THANKSGIVING DAY:
FROM 12:00 NOON THE WEDNESDAY BEFORE THANKSGIVING
DAY THROUGH 11:59 PM THE SUNDAY FOLLOWING
THANKSGIVING DAY.

ANY OTHER STATE HOLIDAYS WILL BE HANDLED AS APPROVED BY THE PROJECT ENGINEER.

THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND LOCAL GOVERNMENT ON TRAFFIC AND/OR WORK RESTRICTIONS FOR LOCAL HOLIDAYS OR EVENTS NOT LISTED ON ALDOT'S LIST OF OFFICIAL STATE HOLIDAYS.

753 FOR THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL MONITOR THE WEATHER CONDITIONS ALONG THE COAST OF ALABAMA IN CASE OF INCLEMENT WEATHER EVACUATION NEEDS. THERE SHALL NOT BE A LANE CLOSURE IF IN THE OPINION OF THE ENGINEER AND/OR LOCAL AUTHORITIES THE CONDITIONS WARRANT POSSIBLE EVACUATION. EMERGENCY PROCEDURES SHALL BE COORDINATED WITH THE ENGINEER. ALL TRAFFIC CONTROL DEVICES AND CONSTRUCTION MATERIALS NOT IN USE SHALL BE SECURED PRIOR TO THE STORM.

NOT TO SCALE

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

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.

REVISIONS:
1. Modified Note 748 for the addition of the R13-3b sign on 9-28-2021 by D.J.W.
2. Aligned text for Note 746 on 12-8-2021 by D.J.W.

Bureau Std Engr: D.J.W.
DRAWN BY:
DATE DRAWN:
REVISED DATE: 12-8-2021

DESIGN BUREAU SPECIAL DRAWING
GENERAL TRAFFIC CONTROL PLAN NOTES

SPECIAL DRAWING NO
SPECIAL PROJECT DETAIL

INDEX NO
2000

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	3

ROADWAY QUANTITY	TOTAL QUANTITY	ITEM NO.	UNIT	DESCRIPTION	PROJECT NOTES
1	1	201A002	LUMP SUM	CLEARING AND GRUBBING (MAXIMUM ALLOWABLE BID $8000/ACRE)	
1	1	205A001	EACH	REMOVAL OF STRUCTURES, SIGN	
108	108	206C000	SQUARE YARD	REMOVING CONCRETE SIDEWALK	
63	63	206C010	SQUARE YARD	REMOVING CONCRETE DRIVEWAY	
133	133	206D000	LINEAR FOOT	REMOVING PIPE	
1374	1374	206D003	LINEAR FOOT	REMOVING CURB AND GUTTER	
1	1	206E001	EACH	REMOVING INLETS	
12621	12621	210A000	CUBIC YARD	UNCLASSIFIED EXCAVATION	
584	584	214A000	CUBIC YARD	STRUCTURE EXCAVATION	
270	270	214B000	CUBIC YARD	FOUNDATION BACKFILL, LOCAL	
10	10	230A000	ROADBED STATION	ROADBED PROCESSING	
7726	7726	301A012	SQUARE YARD	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS	
6812	6812	401A000	SQUARE YARD	BITUMINOUS TREATMENT A	
872	872	405A000	GALLON	TACK COAT	
207	207	408A052	SQUARE YARD	PLANING EXISTING PAVEMENT (APPROXIMATELY 1.10" THRU 2.0" THICK)	
790	790	424A280	TON	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E	
771	771	424B281	TON	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E	
849	849	424B581	TON	SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E	
500	500	430B040	TON	AGGREGATE SURFACING (CRUSHED AGGREGATE BASE, TYPE B)	
132	132	530A001	LINEAR FOOT	18" ROADWAY PIPE (CLASS 3 R.C.)	
134	134	530A002	LINEAR FOOT	24" ROADWAY PIPE (CLASS 3 R.C.)	
627	627	530B001	LINEAR FOOT	22" SPAN, 14" RISE ROADWAY PIPE (CLASS 3 R.C.)	
1	1	600A000	LUMP SUM	MOBILIZATION	
180	180	610D003	SQUARE YARD	FILTER BLANKET, GEOTEXTILE	
105	105	618A000	SQUARE YARD	CONCRETE SIDEWALK, 4" THICK	
20	20	618C001	SQUARE FOOT	DETECTABLE WARNING SURFACE	
6	6	618D000	SQUARE YARD	CURB RAMP	
12	12	621C015	EACH	INLETS, TYPE S1 OR S3 (1 WING)	
6	6	621C017	EACH	INLETS, TYPE S1 OR S3 (2 WING)	
2	2	621C041	EACH	INLETS, TYPE B (MODIFIED)	
1	1	621C109	EACH	INLETS, TYPE PD	
1	1	621D015	EACH	INLET UNITS, TYPE S1 OR S3	
192	192	623A000	LINEAR FOOT	CONCRETE GUTTER	
170	170	623B002	LINEAR FOOT	CONCRETE CURB, TYPE A	
1687	1687	623C000	LINEAR FOOT	COMBINATION CURB & GUTTER, TYPE C	
1	1	640B004	LUMP SUM	UNDERGROUND UTILITY ADJUSTMENT (GAS)	
1	1	640B005	LUMP SUM	UNDERGROUND UTILITY ADJUSTMENT (WATER)	
1	1	640B006	LUMP SUM	UNDERGROUND UTILITY ADJUSTMENT (SEWERAGE)	
112	112	650A000	CUBIC YARD	TOPSOIL	
2	2	652A100	ACRE	SEEDING	
4	4	652C000	ACRE	MOWING	
4553	4553	654A001	SQUARE YARD	SOLID SODDING (BERMUDA)	
2	2	656A010	ACRE	MULCHING	
4	4	665A000	ACRE	TEMPORARY SEEDING	
12	12	665B001	TON	TEMPORARY MULCHING	
5000	5000	665E000	SQUARE YARD	POLYETHYLENE	
50	50	665F000	EACH	HAY BALES	
50	50	665G000	EACH	SAND BAGS	
4345	4345	665J002	LINEAR FOOT	SILT FENCE	
50	50	665N000	TON	TEMPORARY COARSE AGGREGATE,ALDOT NUMBER 1	
4345	4345	665O001	LINEAR FOOT	SILT FENCE REMOVAL	
564	564	665Q002	LINEAR FOOT	WATTLE	
2	2	666A001	ACRE	PEST CONTROL TREATMENT	
1	1	680A001	LUMP SUM	GEOMETRIC CONTROLS	

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: SUMMARY OF QUANTITIES

ROUTE: PORT CONNECTOR

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	3A

ROADWAY QUANTITY	TOTAL QUANTITY	ITEM NO.	UNIT	DESCRIPTION	PROJECT NOTES
1	1	701A227	MILE	SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	
1	1	701A230	MILE	SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	
156	156	701B207	LINEAR FOOT	DOTTED, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	
2	2	701C001	MILE	SOLID TEMPORARY TRAFFIC STRIPE	
3290	3290	703A002	SQUARE FOOT	TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A	
3338	3338	703D001	SQUARE FOOT	TEMPORARY TRAFFIC CONTROL MARKINGS	
32	32	705A023	EACH	PAVEMENT MARKERS, CLASS C, TYPE 2-D	
57	57	705A030	EACH	PAVEMENT MARKERS, CLASS A-H, TYPE 2-C	
31	31	705A037	EACH	PAVEMENT MARKERS, CLASS A-H, TYPE 2-D	
8	8	710A160	SQUARE FOOT	CLASS 10 ALUMINUM FLAT SIGN PANELS 0.08" THICK (TYPE XI BACKGROUND)	
14	14	710B021	LINEAR FOOT	ROADWAY SIGN POST (#3 U CHANNEL, GALVANIZED STEEL OR 2 ", 14 GA SQUARE TUBULAR STEEL)	
1	1	711A000	LUMP SUM	ROADWAY SIGN RELOCATION	
118	118	740B000	SQUARE FOOT	CONSTRUCTION SIGNS	
70	70	740D000	EACH	CHANNELIZING DRUMS	
50	50	740E000	EACH	CONES (36 INCHES HIGH)	
8	8	740F002	EACH	BARRICADES, TYPE III	
50	50	740M001	EACH	BALLAST FOR CONE	
2	2	741C010	EACH	PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT	
2	2	742A001	EACH	PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 2	
1	1	750C010	EACH	POLE FOUNDATION,ROADWAY	
1	1	SP-01	LUMP SUM	POWER POLE RELOCATION	
1	1	SP-02	LUMP SUM	SPECIALTY SIGN	

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: SUMMARY OF QUANTITIES

ROUTE: PORT CONNECTOR

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	3B

REQD REMOVING CONCRETE SIDEWALK (206C-000)				
BASELINE	STA TO STA		SIDE	AREA (SQ YD)
S BROAD STREET	11+22.32	11+73.56	RT	33
S BROAD STREET	12+86.11	14+10.52	RT	75
TOTAL				108

REQUIRED REMOVAL OF HEADWALLS & INLETS					
ITEM NO				206E-001	
BASELINE	STATION	OFFSET (FT)		REMOVING INLETS (EACH)	REMARKS
INTERMODAL RAIL DRIVE	50+98.95	14.45	RT	1	
TOTAL				1	

REQUIRED REMOVING CONCRETE DRIVEWAY (206C-010)			
BASELINE	STATION	SIDE	AREA (SQ YD)
INTERMODAL RAIL DRIVE	51+44.33	RT	63
TOTAL			63

REQUIRED REMOVING ASPHALT PAVEMENT			
BASELINE	STATION	SIDE	AREA (SQ YD)
INTERMODAL RAIL DRIVE	50+27.08 - 53+60.69	CL	3,438
INTERMODAL RAIL DRIVE	54+29.16 - 55+53.03	CL	1,661
INTERMODAL RAIL DRIVE	55+53.03 - 59+50	LT	5,806

*FOR INFORMATIONAL PURPOSES ONLY.
PAID FOR AS PAY ITEM 210A000 UNCLASSIFIED EXCAVATION.

REQUIRED REMOVING PIPE (206D-000)					
BASELINE	STATION	OFFSET (FT)		SIZE / TYPE	LENGTH (LIN FT)
INTERMODAL RAIL DRIVE	50+95.10-50+98.95	14.45	LT	21"X14" RCAP	50
INTERMODAL RAIL DRIVE	50+95.10-50+98.95	14.45	RT	21"X14" RCAP	83
TOTAL					133

REQUIRED STRUCTURE REMOVAL (205A)		
STRUCTURE NUMBER	BASELINE	DESCRIPTION
205A-001	BAKER STREET	BRICK SIGN

REQUIRED REMOVING CURB & GUTTER (206D-003)				
BASELINE	STA TO STA		SIDE	LENGTH (LIN FT)
INTERMODAL RAIL DRIVE	50+27.61	53+72.43	CL	1176
INTERMODAL RAIL DRIVE	59+50.00	59+50.00	LT	198
TOTAL				1374

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: SUMMARY OF QUANTITIES

ROUTE: PORT CONNECTOR

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	3C

REQUIRED CURB AND GUTTER

ITEM NO				623A-000	623B-002	623C-000	STD OR SPECIAL DWG NO
BASELINE	FROM STATION	TO STATION	SIDE	CONCRETE GUTTER (LIN FT)	CONCRETE CURB, TYPE A (LIN FT)	COMBINATION CURB AND GUTTER, TYPE C (LIN FT)	
INTERMODAL RAIL DRIVE	50+20	57+00	RT	186		801	F
INTERMODAL RAIL DRIVE	50+39	52+54	LT	6		247	F
INTERMODAL RAIL DRIVE	53+00	57+00	LT			375	F
INTERMODAL RAIL DRIVE	51+50		RT		170		F
BAKER STREET	11+03	13+00	LT			132	F
BAKER STREET	11+03	13+00	RT			132	F
TOTAL				192	170	1687	

REQUIRED SIDEWALK, 4" THICK (618A-000)

BASELINE	STATION	SIDE	SIDEWALK (SQ YD)	STD OR SPECIAL DWG NO
S BROAD STREET	11+22.32 - 12+38.00	RT	68	G
S BROAD STREET	13+48.82 - 14+10.51	RT	37	G
TOTAL			105	

REQUIRED CURB RAMP (618D-000)

BASELINE	STATION	SIDE	AREA (SQ YD)	STD OR SPECIAL DWG NO
S BROAD STREET	12+34	RT	3	G
S BROAD STREET	13+53	RT	3	G
TOTAL			6	

REQUIRED DETECTABLE WARNING SURFACE (618C-001)

BASELINE	STATION	SIDE	AREA (SQ FT)	STD OR SPECIAL DWG NO
S BROAD STREET	12+34	RT	10	
S BROAD STREET	13+53	RT	10	
TOTAL			20	

REQUIRED SPECIALTY SIGN (SP-02)

BASELINE	STATION	SIDE	SPECIALTY SIGN (EACH)
INTERMODAL RAIL DRIVE	51+50	LT	1
TOTAL			1

STD. OR SPECIAL DWG

A	OMITTED
B	OMITTED
C	OMITTED
D	OMITTED
E	OMITTED
F	623-XY
G	SW-618

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: SUMMARY OF QUANTITIES

ROUTE: PORT CONNECTOR

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	3D

REQUIRED CLASS 4 AND CLASS 10 ROADWAY SIGNS

SIGN ASSEMBLY I.D. NO.	PLAN SHEET NO.	LOCATION	SIDE	NO. OF POSTS	SLOPE (_:1)	REQD. ROADWAY SIGN POST (#3 U-CHANNEL, GALVANIZED STEEL OR 2" 14 GA SQUARE TUBULAR STEEL) 710B-021 (LIN FT)	R1-1	STOP	STD	36"X36"	SHS-1	710A-160 CLASS 10, ALUM. FLAT SIGN PANELS 0.08" THICK (TYPE XI BACKGROUND) (SQ FT)	711A-000 ROADWAY SIGN RELOCATION (LUMP SUM)	STD OR SPECIAL DWG NO	REMARKS
1	4	INTERMODAL RAIL DRIVE	LT	1	6	14	1					7.46	1	O,P,Q,R,S	
TOTAL						14						8	1		

SEEDING QUANTITIES SUMMARY

ITEM	DESCRIPTION	UNIT	QUANTITY
652A-100	SEEDING	AC	2
656A-010	MULCHING	AC	2
654A-001	SOLID SODDING (BERMUDA)	AC	4553
652C-000	MOWING	AC	4

REQUIRED EROSION CONTROL SUMMARY

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	STD OR SPECIAL DWG NO
610D-003	FILTER BLANKET, GEOTEXTILE	SQ YD	180	B,C,D,E,F,G,H,I,J,K,L,M,N
665A-000	TEMPORARY SEEDING	AC	4	
665B-001	TEMPORARY MULCHING	TON	12	
665E-000	POLYETHYLENE	SQ YD	5000	
665F-000	HAY BALES	EACH	50	
665G-000	SAND BAGS	EACH	50	
665J-002	SILT FENCE	LIN FT	4345	
665N-000	TEMPORARY COARSE AGGREGATE, ALDOT NUMBER 1	TON	50	
665O-001	SILT FENCE REMOVAL	LIN FT	4345	
665Q-002	WATTLE	LIN FT	564	
666A-001	PEST CONTROL TREATMENT	AC	2	

STD. OR SPECIAL DWG

A OMITTED
B ESC-100 (2 SHEETS)
C ESC-200 (4 SHEETS)
D ESC-300 (8 SHEETS)
E ESC-400 (4 SHEETS)
F ESC-501
G ESC-502
H ESC-503
I ESC-504
J ESC-505
K ESC-506
L ESC-507
M ESC-508
N ESC-509
O IHS-710-12
P IHS-710-21
Q IHS-710-23
R SL-710
S SHS-1

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: SUMMARY OF QUANTITIES

ROUTE: PORT CONNECTOR

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	3E

REQUIRED TRAFFIC STRIPING, TRAFFIC CONTROL LEGEND, MARKINGS AND MARKERS

LOCATION	CLASS 2, TYPE A				TEMPORARY MARKINGS		PAVEMENT MARKERS			SPECIAL OR STD DWG NO
	SOLID WHITE TRAFFIC STRIPE (5" WIDE)	SOLID YELLOW TRAFFIC STRIPE (5" WIDE)	DOTTED TRAFFIC STRIPE (5" WIDE)	TRAFFIC CONTROL MARKINGS	SOLID TEMPORARY TRAFFIC STRIPE	TEMPORARY TRAFFIC CONTROL MARKINGS	CLASS C, TYPE 2-D BI DIRECTIONAL YELLOW / YELLOW FACE	CLASS A-H, TYPE 2-C BI DIRECTIONAL WHITE / RED FACE	CLASS A-H, TYPE 2-D BI DIRECTIONAL YELLOW / YELLOW FACE	
	MILE	MILE	LIN FT	SQ FT	MILE	SQ FT	EACH	EACH	EACH	
	701A-227	701A-230	701B-207	703A-002	701C-001	703D-001	705A-023	705A-030	705A-037	
INTERMODAL RAIL DRIVE	0.236	0.360		3001.9	0.71	3049.9	31	54	24	A,B,C,D,E
BAKER STREET	0.125	0.102		238.0	0.52	238.0			7	A,B,C,D,E
BROAD STREET	0.042		155.36	50.0	0.60	50.0		3		A,B,C,D,E
PARKING LOT	0.152									A,B,C,D,E
TOTAL	1	1	156	3290	2	3338	32	57	31	

REQUIRED DRAINAGE SUMMARY

ENTRY NO	LOCATION				STRUCTURE NO		DRAINAGE SHEET NO		CLASS 3CRC ROADWAY PIPE			INLETS				INLET UNITS	FOUNDATION BACKFILL, LOCAL	STRUCTURE EXCAVATION	MAX FILL HEIGHT	SPECIAL OR STD-DWG NUMBER OR MISC DETAIL SHEET NUMBER	ENTRY NO
	STATION	STATION	ROADWAY	SIDE	FROM	TO	PLAN	SECTION	18"	24"	22"x14"	B (MOD)	PD	S1 OR S3 (1 WING)	S1 OR S3 (2 WING)	S1 OR S3					
									530A-001	530A-002	530B-001	621C-041	621C-109	621C-015	621C-017	621D-015	214B-000	214A-000			
									LIN FT	LIN FT	LIN FT	EACH	EACH	EACH	EACH	EACH	CU YD	CU YD	FT		
1	51+15.17	50+94.92	INTERMODAL	RT	2	1	4	10			70		1		1		22	45	3	F,I	1
2	51+01.03	51+15.17	INTERMODAL	LT-RT	3	2	4	10			61				1		19	40	3	F,I	2
3	11+34.00	51+01.03	BAKER ST	LT	4	3	4	10			155				1		47	99	2	F,I	3
4	11+34.00	11+34.00	BAKER ST	RT	5	4	4	10			28				1		9	19	2	F,I	4
5	55+56.00	55+56.00	INTERMODAL	LT-RT	8	9	4	11		42					1		12	28	4	F,I	5
6	55+56.00	56+09.14	INTERMODAL	RT	9	10	4	11		92		1			1	1	26	59	2	F,G,I	6
7	50+60.33	51+01.05	INTERMODAL	LT	7	3	4	12			44			1			14	29	3	F,I	7
8	51+01.05	51+41.06	INTERMODAL	LT	3	3A	4	12			35			1			11	23	3	F,I	8
9	50+76.34	51+15.17	INTERMODAL	RT	2B	2	4	12			36			1			11	24	3	F,I	9
10	51+15.17	51+83.00	INTERMODAL	RT	2	2A	4	12			67			1			21	43	3	F,I	10
11	10+97.01	11+34.00	BAKER	LT	4A	4	4	13			32			1			10	21	3	F,I	11
12	11+34.00	11+71.02	BAKER	LT	4B	4	4	13			34			1			11	23	3	F,I	12
13	10+97.01	11+34.00	BAKER	RT	5A	5	4	13			33			1			11	22	3	F,I	13
14	11+34.00	11+70.97	BAKER	RT	5	5B	4	13			32			1			10	21	3	F,I	14
15	55+19.00	55+56.00	INTERMODAL	LT	8A	8	4	14	33					1			9	22	3	F,I	15
16	55+56.00	55+93.00	INTERMODAL	LT	8	8B	4	14	33					1			9	22	3	F,I	16
17	55+19.00	55+56.00	INTERMODAL	RT	9A	9	4	14	33					1			9	22	3	F,I	17
18	55+56.00	55+93.00	INTERMODAL	RT	9	9B	4	14	33					1			9	22	3	F,I	18
19	13+63.09		S BROAD ST	RT	6		4	11				1					0	0		G	19
TOTAL									132	134	627	2	1	12	6	1	270	584			

STD. OR SPECIAL DWG

A	PS-701-6
B	197-NPL
C	TCM-703
D	PM-705-1
E	PM-705-2
F	RPC-530
G	I-621-B
H	OMITTED
I	I-621-S

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

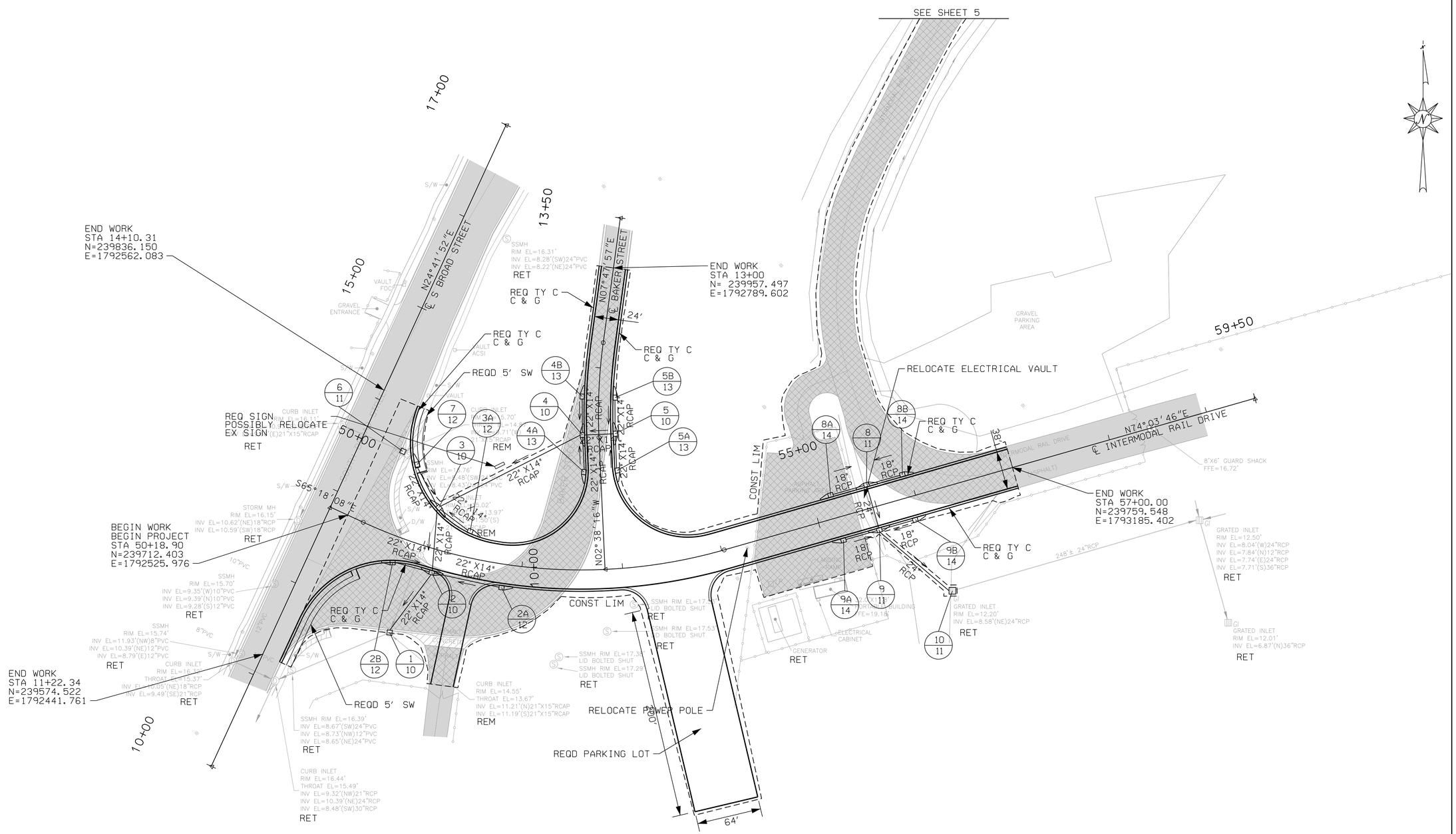
NOT TO SCALE

SHEET TITLE: SUMMARY OF QUANTITIES

ROUTE: PORT CONNECTOR

PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	4



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

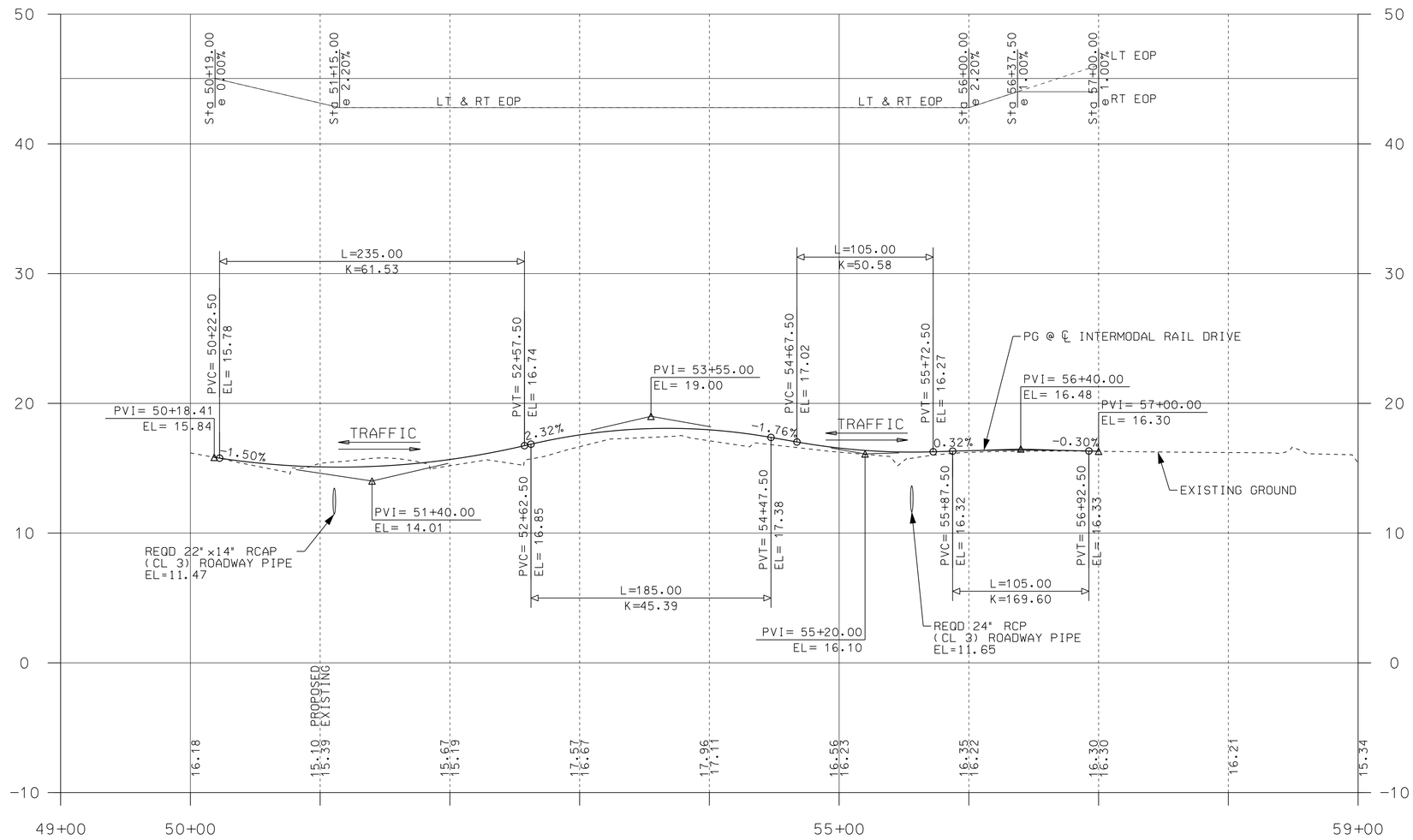
HORIZ 50 0 50 SCALE (FEET)

SHEET TITLE: PLAN SHEET

ROUTE: PORT CONNECTOR

PROFILE SHEET - INTERMODAL RAIL DRIVE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	4A



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

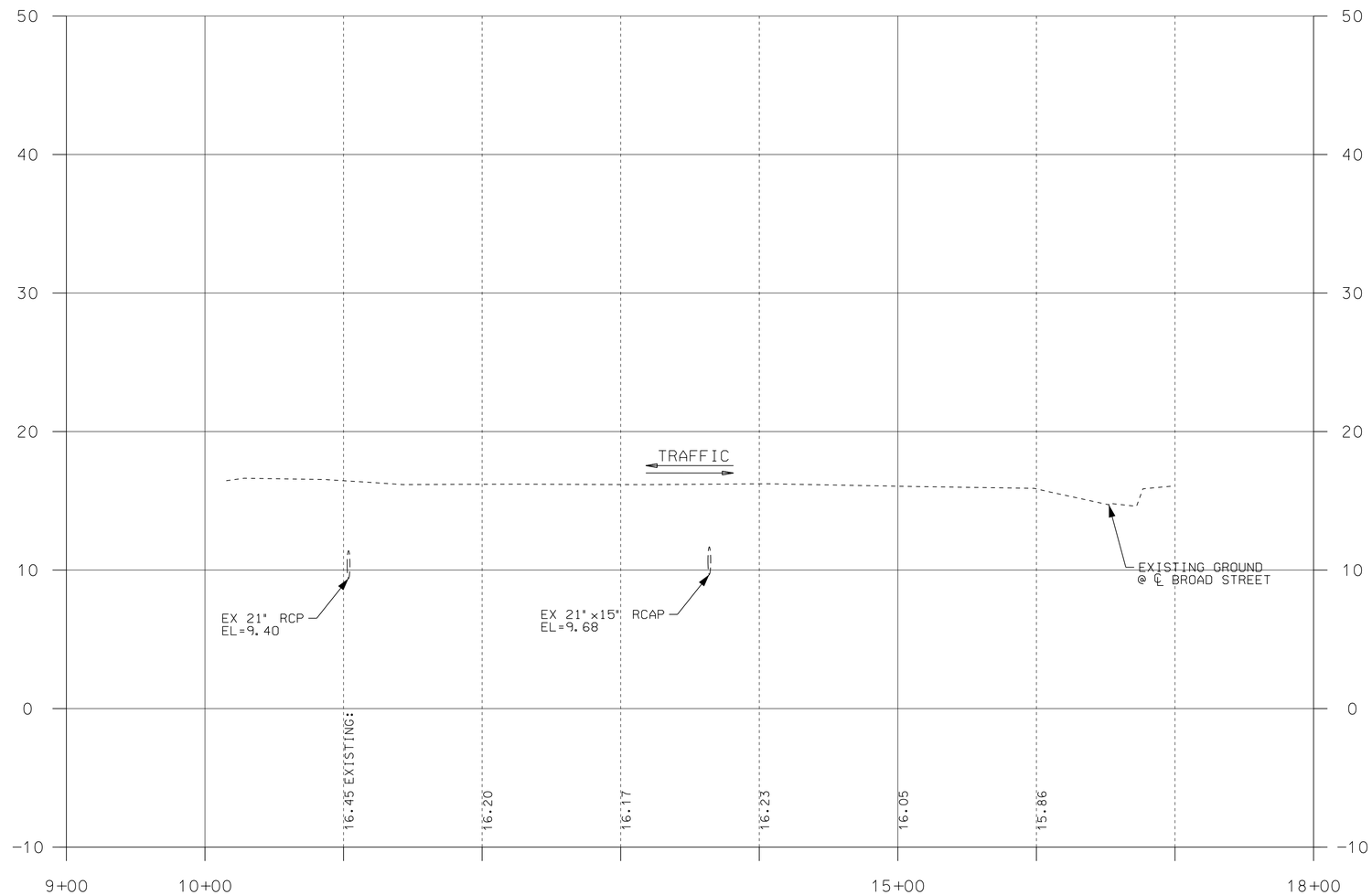
HORIZ 50 0 50 SCALE (FEET) VERT 5 0 5

SHEET TITLE	ROUTE
PROFILE SHEET - INTERMODAL RAIL DRIVE	PORT CONNECTOR

User is: karman.richardson 16-APR-2025 16:48 Plot Scale=50.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1147000 - APM ICTF Connector Bridges & Roadway@Project Design@Plans Assembly@Broad Connection@004A_000_prf.dgn

PROFILE SHEET - S BROAD STREET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	4B



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

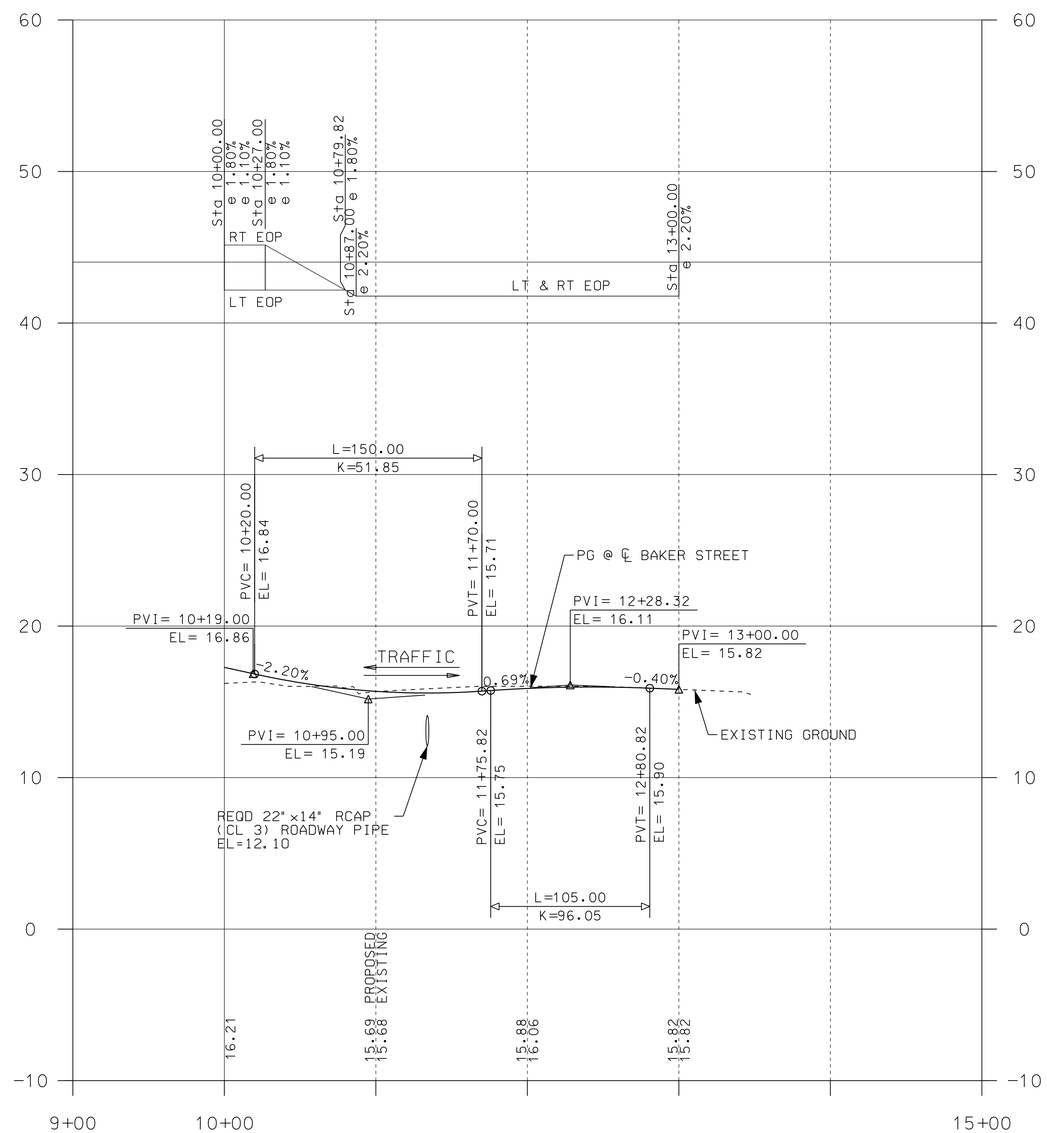
ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 50 0 50 SCALE (FEET) VERT 5 0 5

SHEET TITLE	ROUTE
PROFILE SHEET - S BROAD STREET	PORT CONNECTOR

PROFILE SHEET - BAKER STREET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	4C



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 50 0 50 SCALE (FEET) VERT 5 0 5

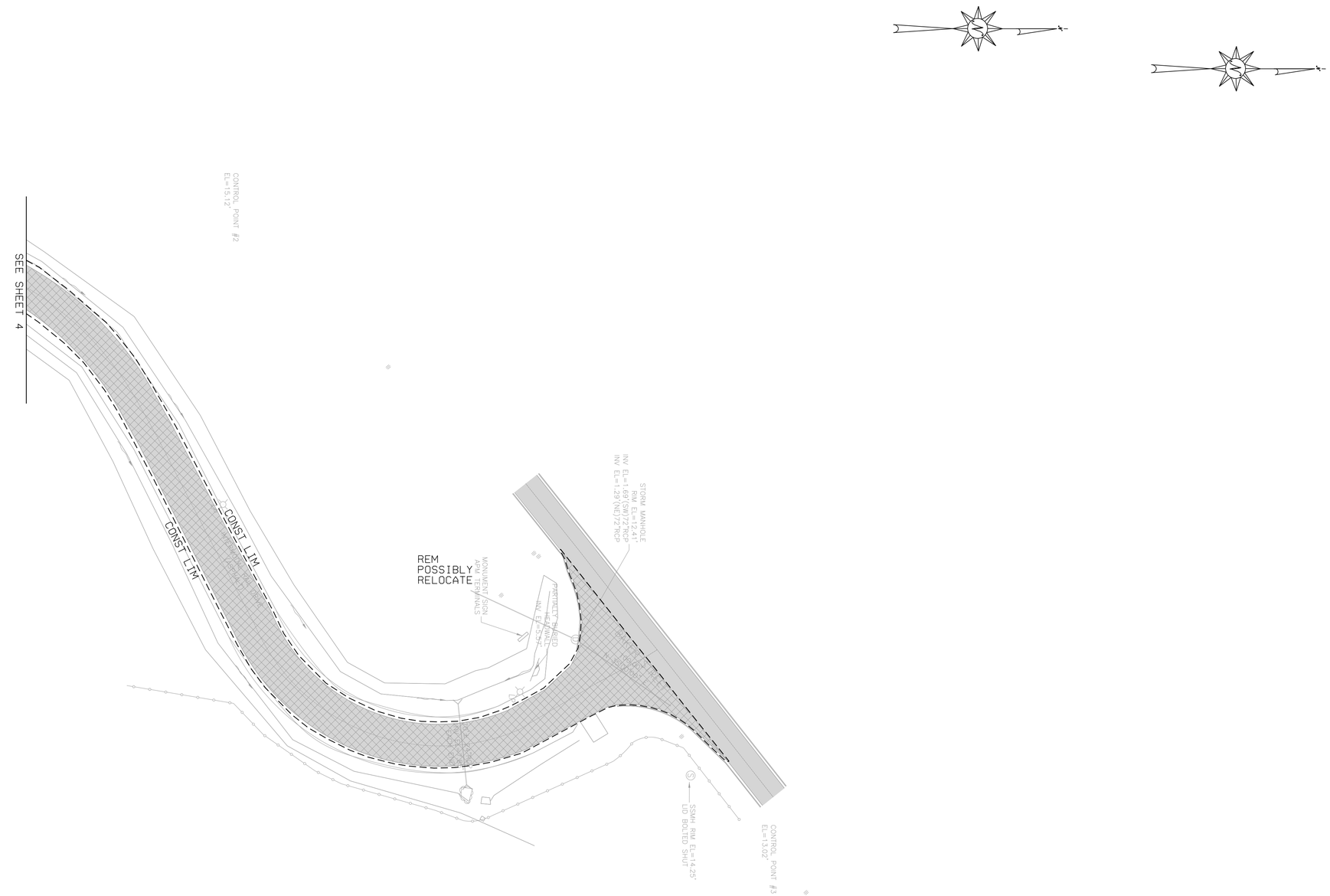
SHEET TITLE: PROFILE SHEET - BAKER STREET

ROUTE: PORT CONNECTOR

User is: karman.richardson 16-APR-2025 16:48 Plot Scale=50.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects#1147000 - APM ICTF Connector Bridges & Roadway#Project Design#Plans Assembly#Broad Connection#004C_000_prf.dgn

PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	5



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

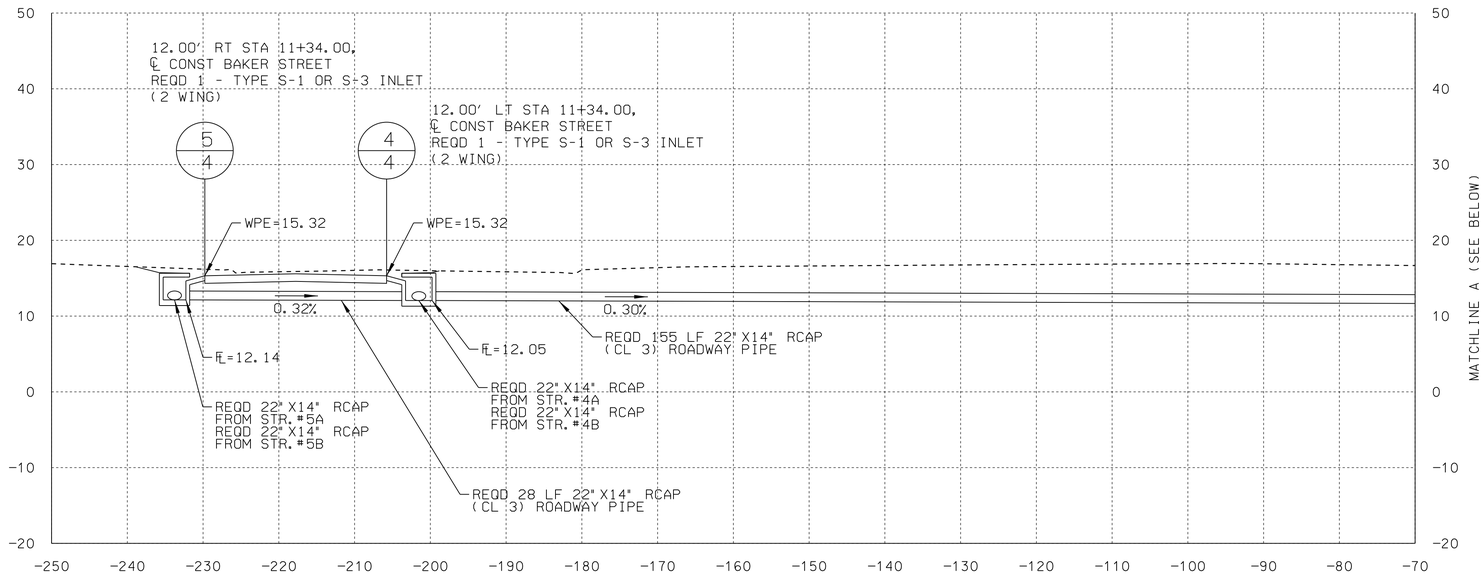
HORIZ 50 0 50 SCALE (FEET)

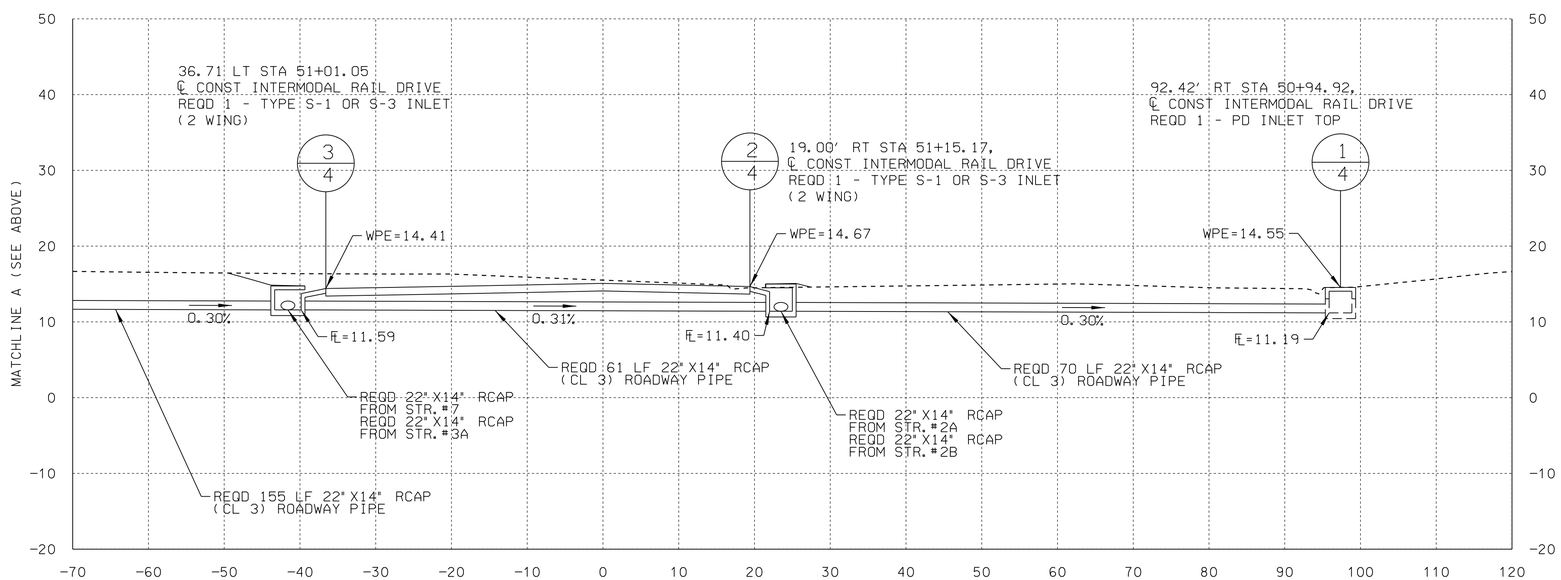
SHEET TITLE	ROUTE
PLAN SHEET	PORT CONNECTOR

User is: karman.richardson 16-APR-2025 16:47 Plot Scale=50.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1147000 - APM ICTF Connector Bridges & Roadway@Project Design@Plans Assembly@Broad Connection@005_-_000_pln.dgn

DRAINAGE SECTIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	10





NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

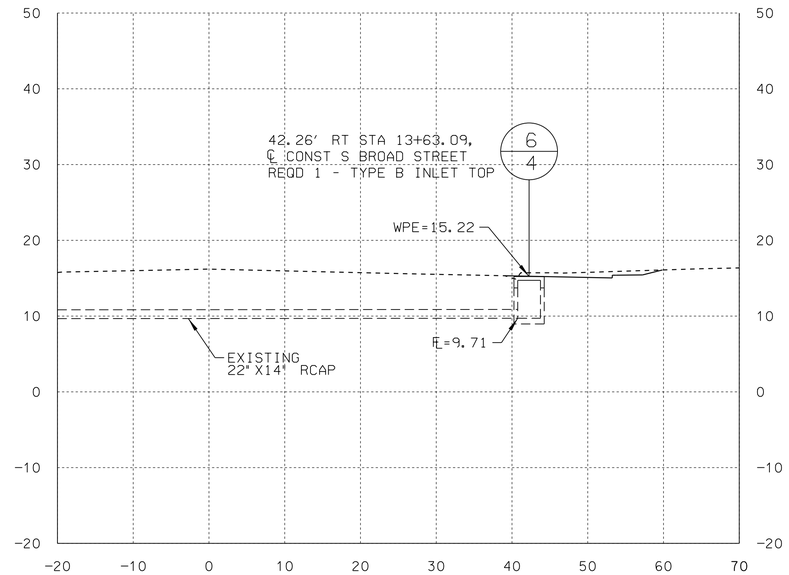
ALABAMA PORT AUTHORITY
PORT OF MOBILE

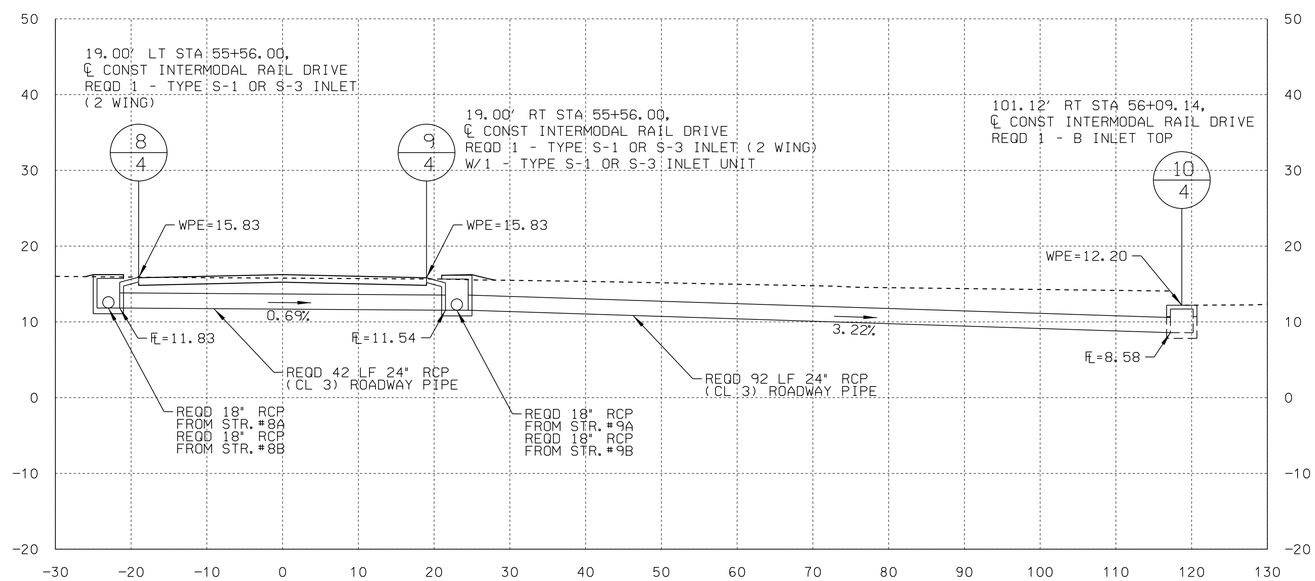
HORIZ 10 0 10 VERT 5 0 5
SCALE (FEET)

SHEET TITLE	ROUTE
DRAINAGE SECTIONS	PORT CONNECTOR

DRAINAGE SECTIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	11





NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

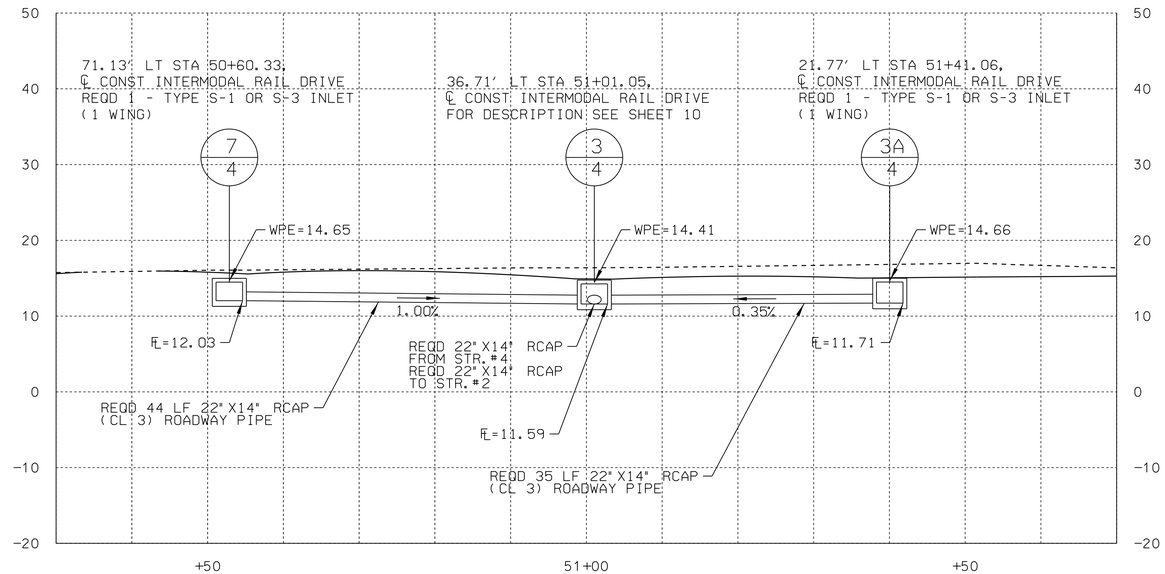
HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

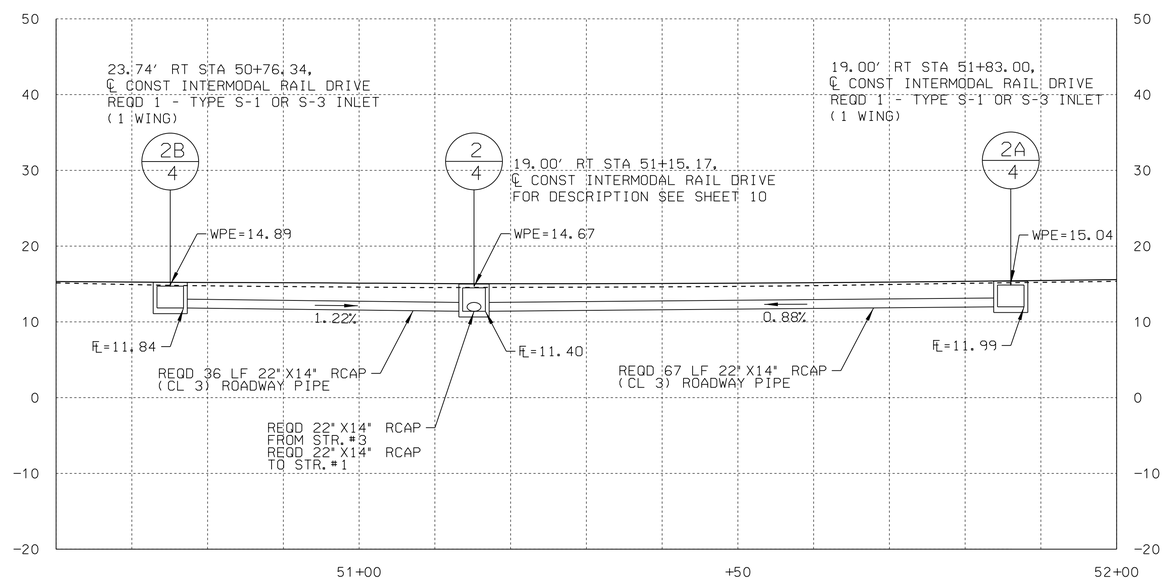
SHEET TITLE	ROUTE
DRAINAGE SECTIONS	PORT CONNECTOR

User Is: karman.richardson 16-APR-2025 16:49 Plot Scale=10.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects#1147000 - APM ICTF Connector Bridges & Roadway#Project Design#Plans Assembly#Broad Connection#010_000_dxs.dgn

DRAINAGE SECTIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	12





NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

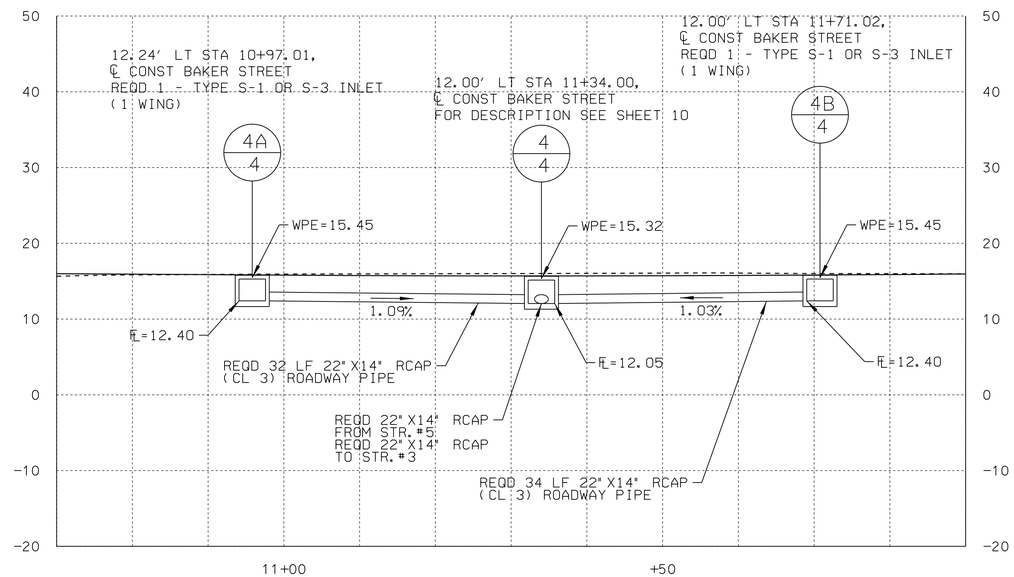
ALABAMA PORT AUTHORITY
PORT OF MOBILE

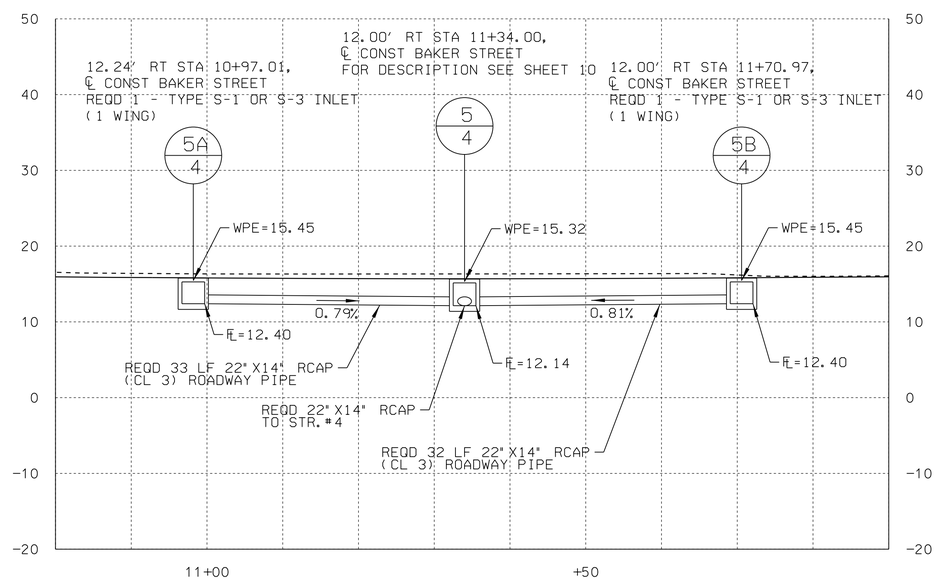
HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE	ROUTE
DRAINAGE SECTIONS	PORT CONNECTOR

DRAINAGE SECTIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	13





NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

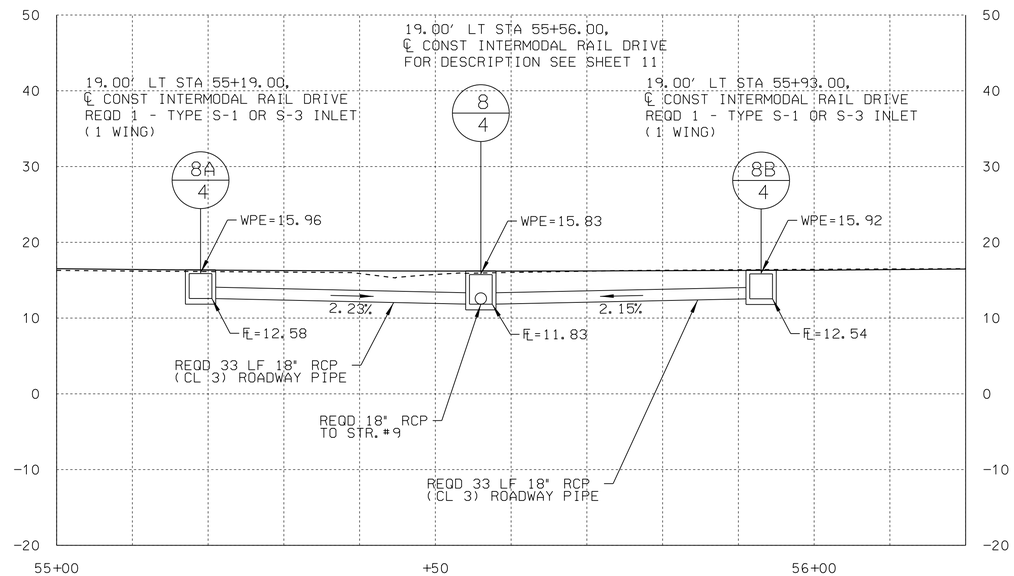
ALABAMA PORT AUTHORITY
PORT OF MOBILE

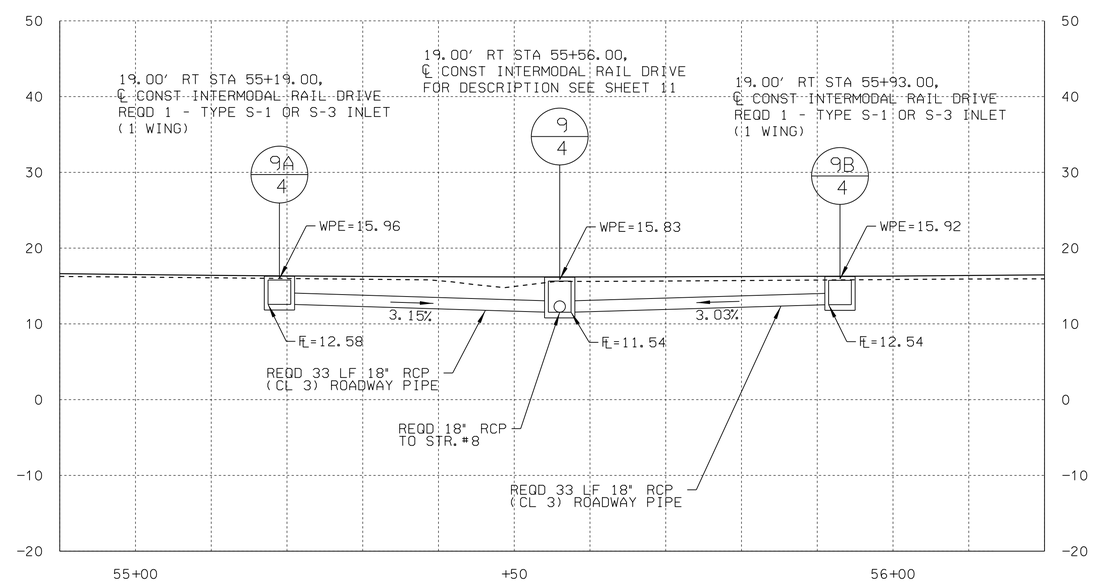
HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE	ROUTE
DRAINAGE SECTIONS	PORT CONNECTOR

DRAINAGE SECTIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	14





NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

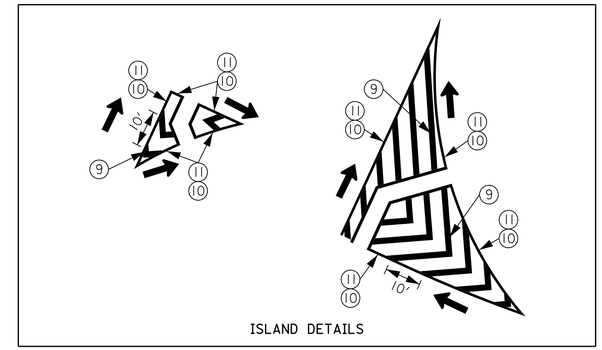
ALABAMA PORT AUTHORITY
PORT OF MOBILE

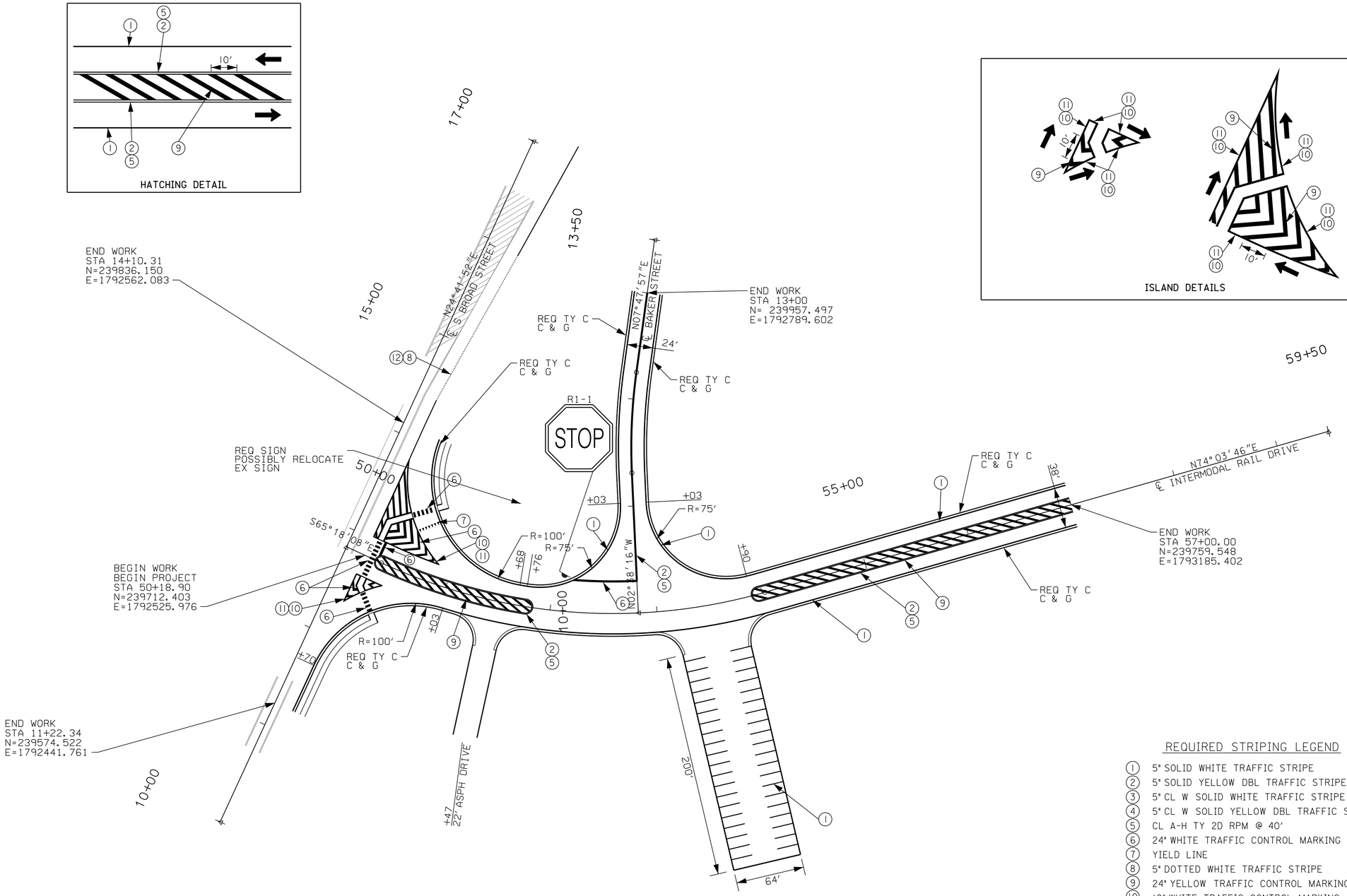
HORIZ 10 0 10 — VERT 5 0 5 — SCALE (FEET)

SHEET TITLE	ROUTE
DRAINAGE SECTIONS	PORT CONNECTOR

PAVING LAYOUT, STRIPING AND SIGNING SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	20





REQUIRED STRIPING LEGEND

1. 5" SOLID WHITE TRAFFIC STRIPE
2. 5" SOLID YELLOW DBL TRAFFIC STRIPE
3. 5" CL W SOLID WHITE TRAFFIC STRIPE
4. 5" CL W SOLID YELLOW DBL TRAFFIC STRIPE
5. CL A-H TY 2D RPM @ 40'
6. 24" WHITE TRAFFIC CONTROL MARKING
7. YIELD LINE
8. 5" DOTTED WHITE TRAFFIC STRIPE
9. 24" YELLOW TRAFFIC CONTROL MARKING
10. 10" WHITE TRAFFIC CONTROL MARKING
11. CL A-H TY 2C RPM @ 6'
12. CL A-H TY 2C RPM @ 20'

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 50 0 50 SCALE (FEET)

SHEET TITLE	ROUTE
PAVING LAYOUT, STRIPING AND SIGNING SHEET	PORT CONNECTOR

TRAFFIC CONTROL PLAN - SEQUENCE OF CONSTRUCTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	40

NOTE:
ANY ITEM OF WORK CAN BE PERFORMED CONCURRENTLY, WITH THE APPROVAL OF THE ENGINEER, AS LONG AS IT DOES NOT CONFLICT WITH ANOTHER SEQUENCE ITEM.

SEQUENCE OF CONSTRUCTION	TRAFFIC
PHASE I	**PHASE I**
• INSTALL ALL APPLICABLE TRAFFIC CONTROL DEVICES.	TRAFFIC NOT AFFECTED
• INTALL ALL EROSION CONTROL DEVICES.	TRAFFIC NOT AFFECTED
PHASE II	**PHASE II**
• CONSTRUCT (NEW) INTERMODAL RAIL DRIVE FROM EXISTING BAKER STREET TO EXISTING INTERMODAL RAIL DRIVE (STA 52+70 TO STA 56+00) UP THROUGH THE UPPER BINDER LAYER WITH TEMPORARY STRIPING.	TRAFFIC NOT AFFECTED
PHASE III	**PHASE III**
• CLOSE BAKER STREET FROM THE NEW INTERMODAL RAIL DRIVE TO THE EXISTING INTERMODAL RAIL DRIVE AS SHOWN IN THE PLANS.	TRAFFIC AFFECTED
• SHIFT TRAFFIC TO THE NEWLY CONSTRUCTED INTERMODAL RAIL DRIVE AND CONSTRUCT THE LEFT SIDE OF INTERMODAL RAIL DRIVE AND EXISTING BAKER STREET FROM STA 50+00 TO STA 54+00 UP THROUGH THE UPPER BINDER LAYER WITH TEMPORARY STRIPING.	TRAFFIC AFFECTED
PHASE IV	**PHASE IV**
• SHIFT TRAFFIC TO THE NEWLY CONSTRUCTED INTERMODAL RAIL DRIVE AND CONSTRUCT THE RIGHT SIDE OF INTERMODAL RAIL DRIVE FROM STA 50+00 TO STA 54+00 UP THROUGH THE UPPER LAYER WITH TEMPORARY STRIPING.	TRAFFIC AFFECTED
• REMOVE THE EXISTING INTERMODAL RAIL DRIVE FROM THE TIE AT THE EXISTING BAKER STREET AND THE NEW INTERMODAL RAIL DRIVE AS SHOWN IN THE PLANS.	TRAFFIC AFFECTED
PHASE V	**PHASE V**
• PLACE WEARING SURFACE ON THE REMAINING PROJECT.	CONSTRUCT UNDER TRAFFIC
• INSTALL REMAINING PERMANENT STRIPING, MARKINGS, LEGENDS, AND PAVEMENT MARKERS.	CONSTRUCT UNDER TRAFFIC
PHASE VI	**PHASE VI**
• COMPLETE ANY REMAINING ITEMS OF WORK.	CONSTRUCT UNDER TRAFFIC
• REMOVE CONSTRUCTION TRAFFIC CONTROL DEVICES.	CONSTRUCT UNDER TRAFFIC

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: TRAFFIC CONTROL PLAN SEQUENCE OF CONSTRUCTION

ROUTE: PORT CONNECTOR

TRAFFIC CONTROL PLAN - LEGEND

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	41

LEGEND

- SIGN, POST MOUNT
- TYPE "B" WARNING LIGHT WITH DETACHABLE HEAD
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- FLAGGER
- REFLECTORIZED CHANNELIZING DRUM
- CONE

REQUIRED CONSTRUCTION SIGNS (740B-000)

SIGN	DESCRIPTION	MOUNT	CLASS	STD. DWG.	SIZE	QUANTITY (EACH)	TOTAL (SQ FT)
W20-1 (AHEAD)	ROAD WORK AHEAD	POST	FRWY	SHS-29	48"X48"	3	48
R5-1	DO NOT ENTER	BARRICADE	OVERSIZE	SHS-3	36"X36"	2	18
W1-6 (LT)	ONE-DIRECTION LARGE ARROW LEFT	BARRICADE	STD	SHS-12	48"X24"	1	8
R1-1	STOP	POST/TEMP	FRWY	SHS-1	48"X48"	1	13.25
R11-2	ROAD CLOSED	BARRICADE	STD	SHS-8	48"X30"	3	30
TOTAL							118

ESTIMATED QUANTITIES

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	STD OR SPECIAL DWG NO
740B-000	CONSTRUCTION SIGNS	SQ FT	118	
740D-000	CHANNELIZING DRUMS	EACH	70	TCD-100
740E-000	CONES (36 INCHES HIGH)	EACH	50	TCD-100
740F-002	BARRICADES, TYPE III	EACH	8	B-107-2
740M-001	BALLAST FOR CONE	EACH	50	
741C-010	PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT	EACH	2	
742A-001	PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 2	EACH	2	

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

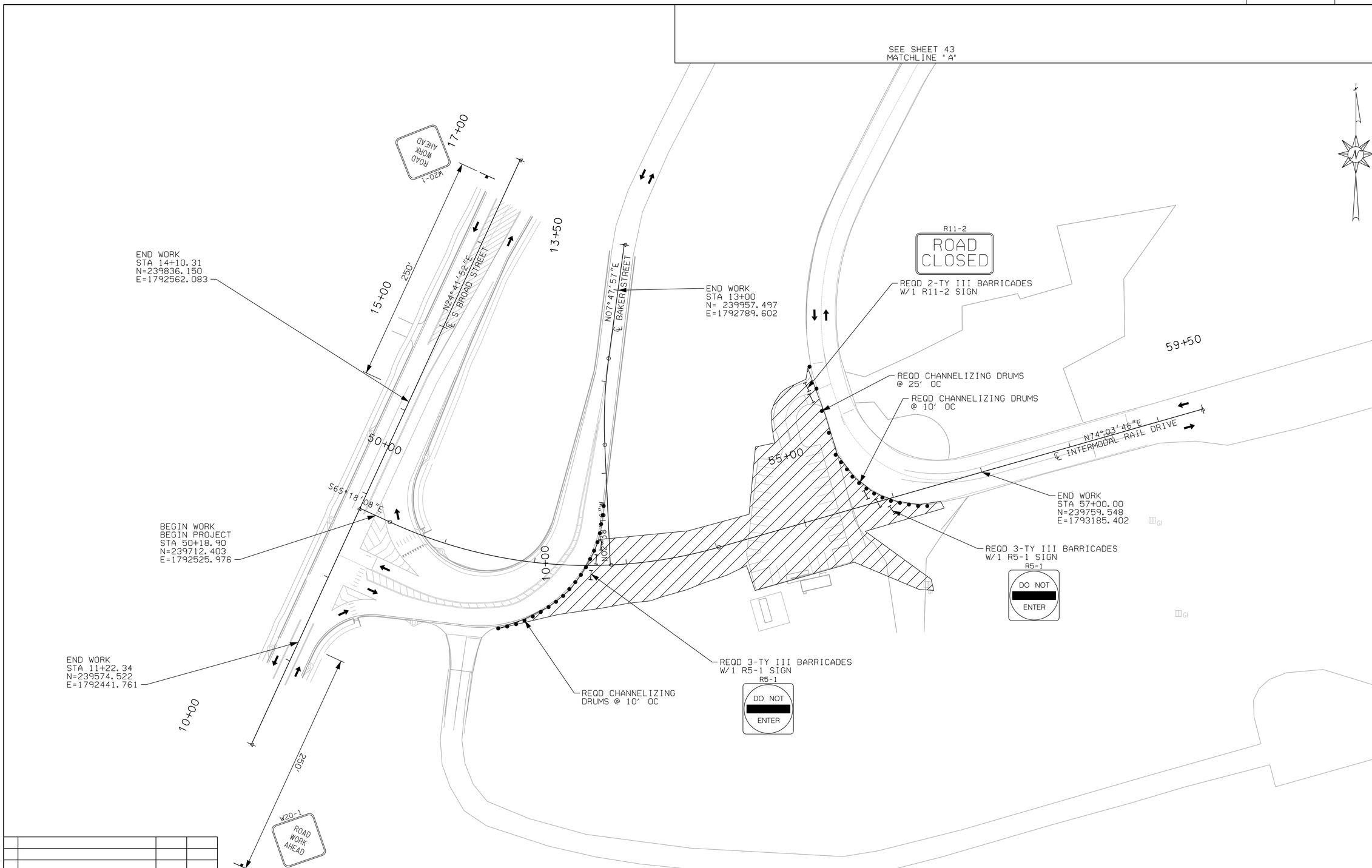
NOT TO SCALE

SHEET TITLE: TRAFFIC CONTROL PLAN LEGEND

ROUTE: PORT CONNECTOR

TRAFFIC CONTROL PLAN - PHASE II

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	42



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

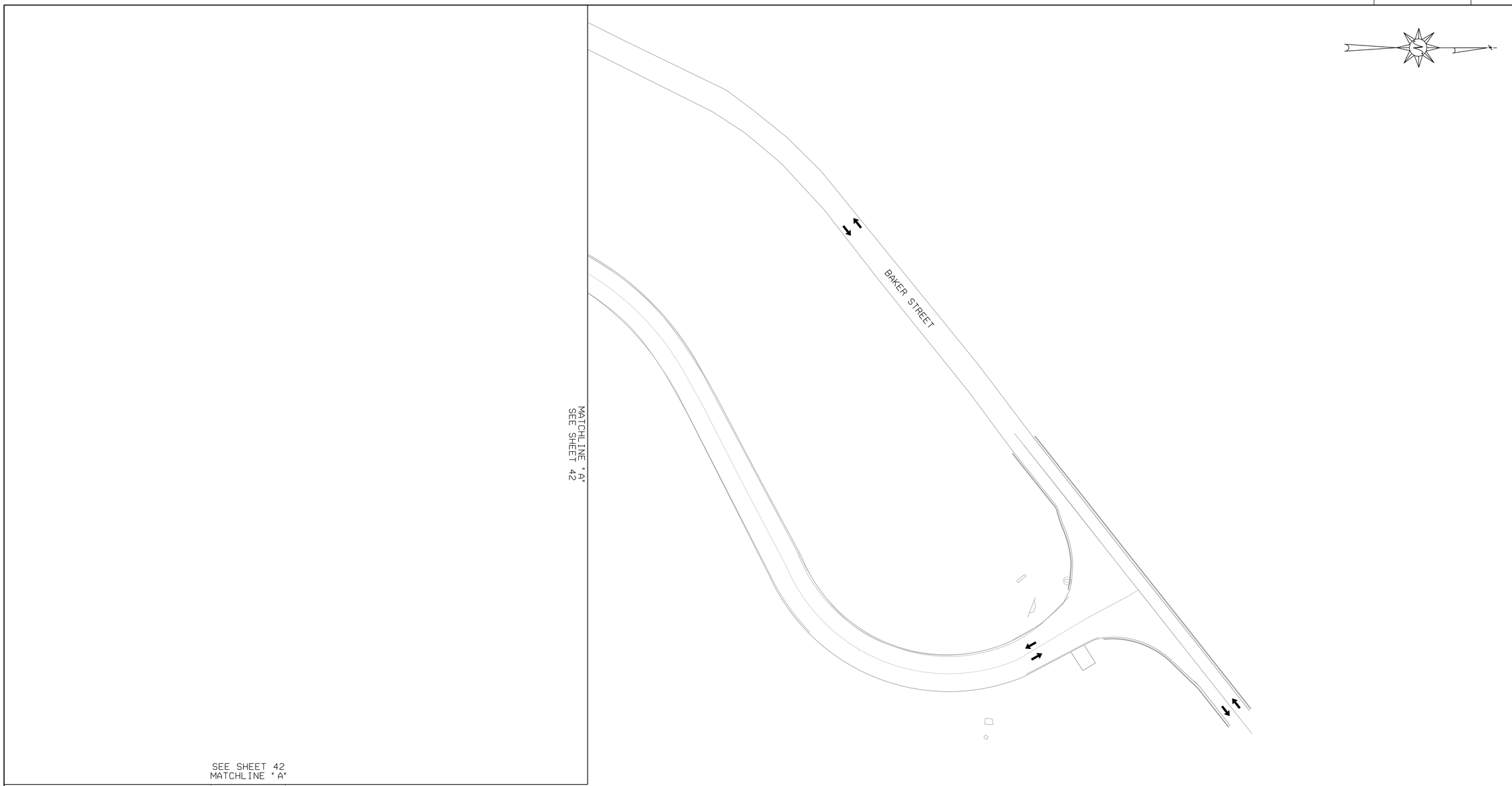
ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 50 0 50 SCALE (FEET)

SHEET TITLE	ROUTE
TRAFFIC CONTROL PLAN PHASE II	PORT CONNECTOR

TRAFFIC CONTROL PLAN - PHASE II

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	43



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

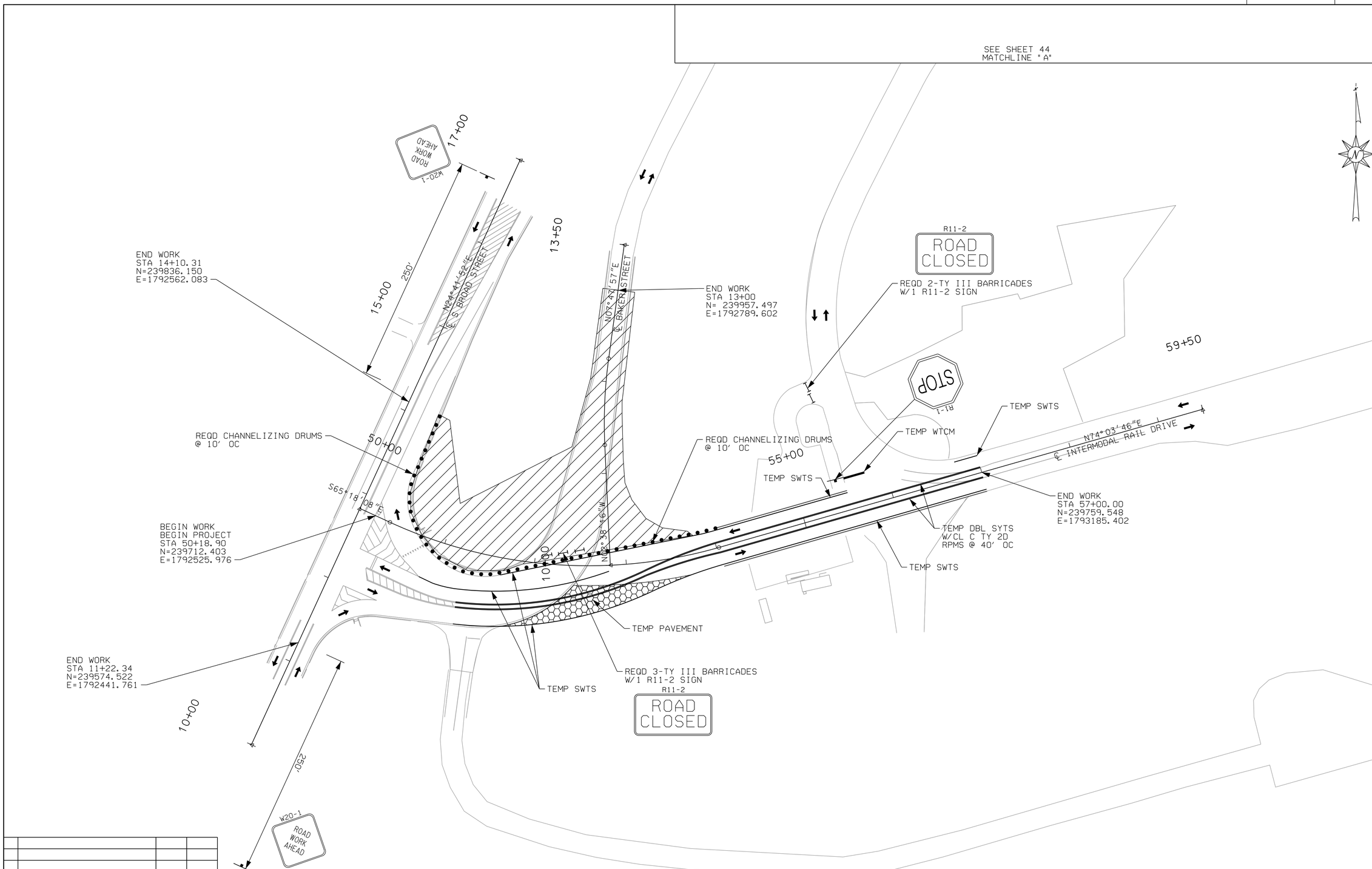
ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 50 0 50 SCALE (FEET)

SHEET TITLE	ROUTE
TRAFFIC CONTROL PLAN PHASE II	PORT CONNECTOR

TRAFFIC CONTROL PLAN - PHASE III

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	44



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

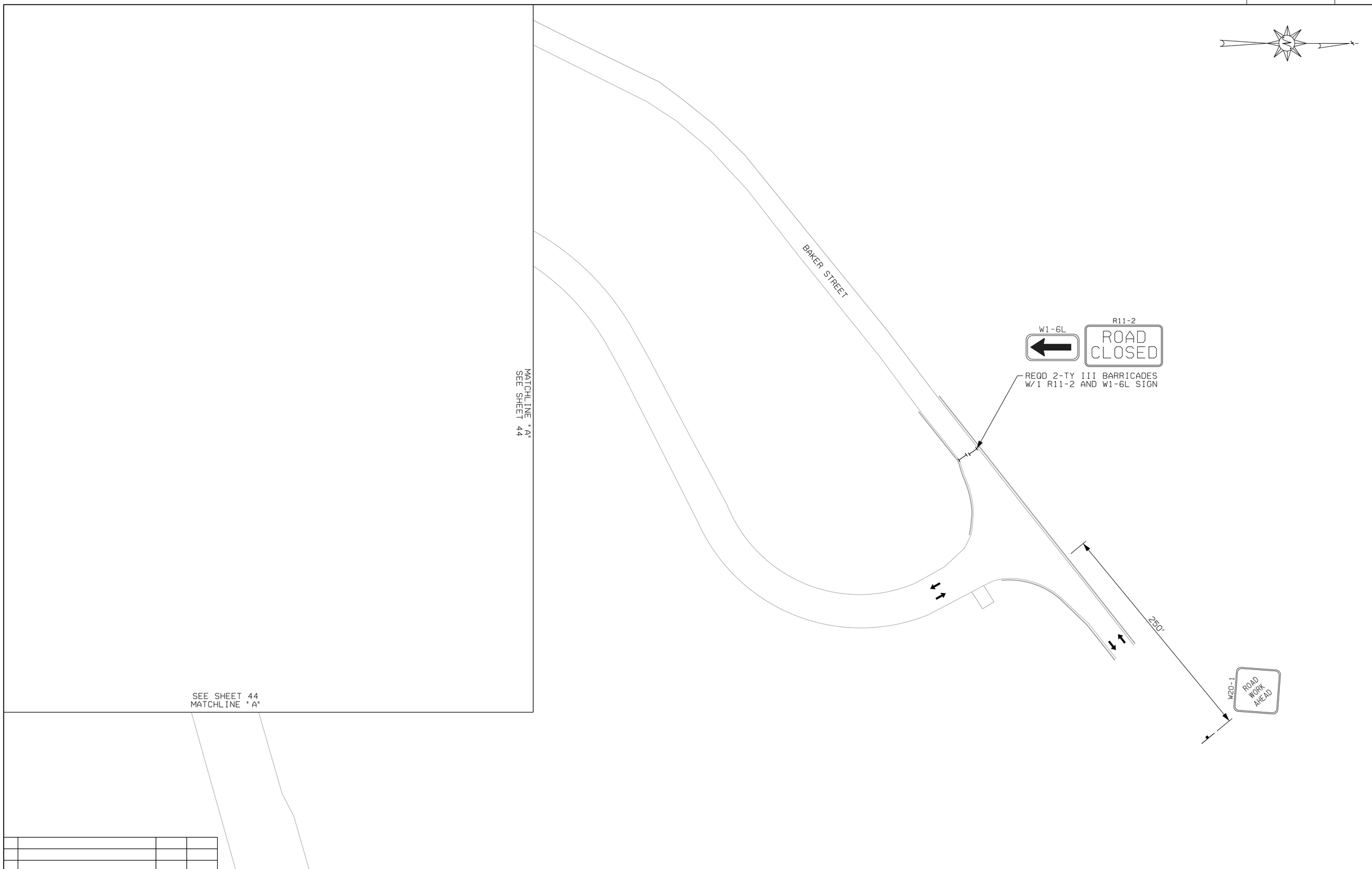
NOT TO SCALE

SHEET TITLE	ROUTE
TRAFFIC CONTROL PLAN PHASE III	PORT CONNECTOR

User is: karman.richardson 16-APR-2025 16:47 Plot Scale=50.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1147000 - APM ICTF Connector Bridges & Roadway@Project Design@Plans Assembly@Broad Connection@044_000_tcp_ph3.dgn

TRAFFIC CONTROL PLAN - PHASE III

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	45



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

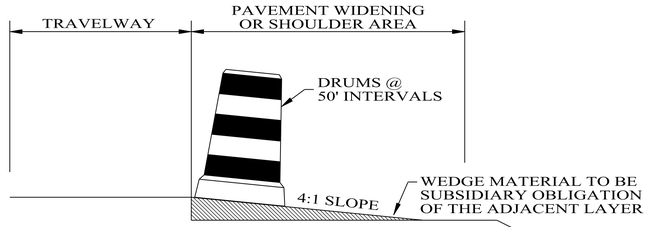
HORIZ 50 0 50 SCALE (FEET)

SHEET TITLE	ROUTE
TRAFFIC CONTROL PLAN PHASE III	PORT CONNECTOR

User Is: karman.richardson 16-APR-2025 16:47 Plot Scale=50.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1147000 - APM ICTF Connector Bridges & Roadway@Project Design@Plans Assembly@Broad Connection@045_000_tcp_ph3.dgn

TEMPORARY TRAFFIC CONTROL PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	48

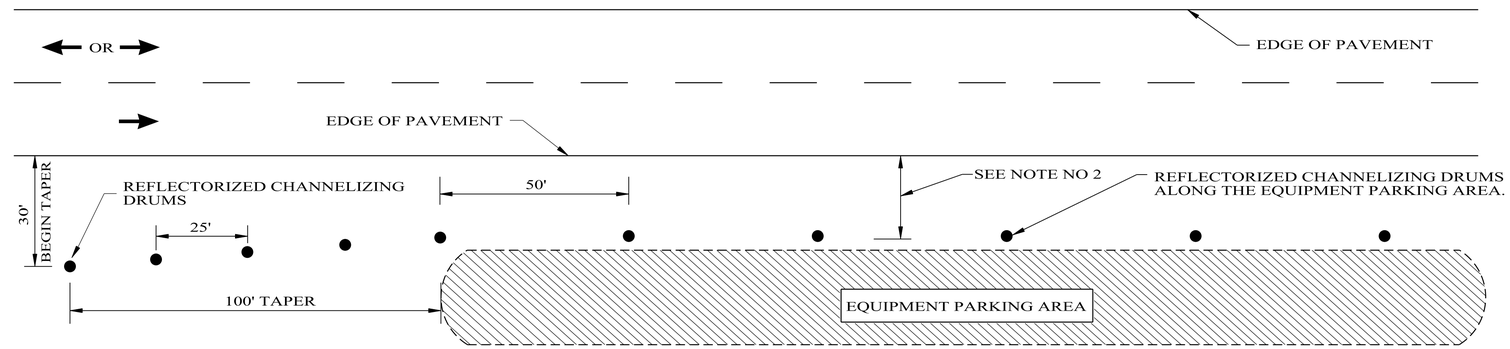


(FOR USE WHERE EXCAVATION HAS BEEN DONE, BUT WIDENING IS NOT COMPLETED BY NIGHTFALL OR WHERE PAVEMENT DROP OFF OF RESURFACING PROJECTS IS 3" OR MORE AT NIGHTFALL)

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.

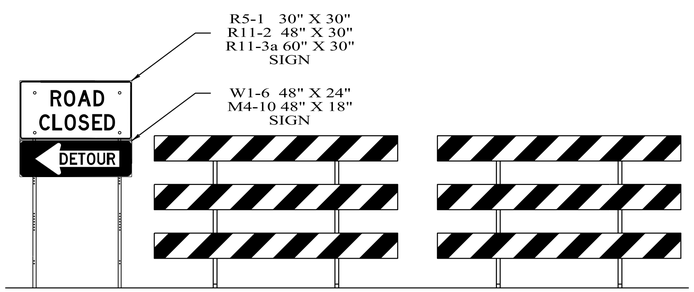
CHANNELIZING DRUMS SHALL BE PLACED AT 50 FT INTERVALS.



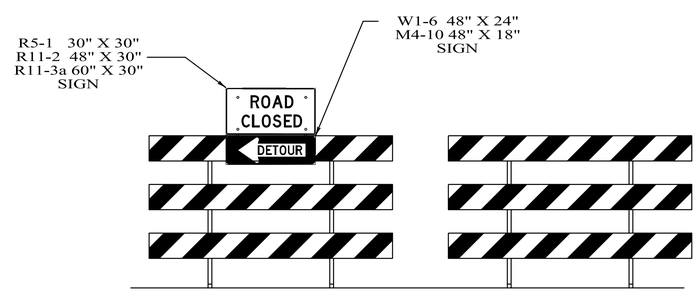
NOTES:

1. SEE ALDOT'S GENERAL TRAFFIC CONTROL PLAN NOTE NO. 702.
2. 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.
3. 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

1. SLOPE OF STRIPES ON BARRICADES SHALL BE IN ACCORDANCE WITH SECTION 6F.68 OF THE MUTCD AND DRAWING B-107-2.
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.
3. 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.

NOT TO SCALE

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

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.

REVISIONS:
1. Corrected text overlap on 12-8-2021 by D.J.W.

Bureau Std Engr: D.J.W.
DRAWN BY: I
DATE DRAWN: I
REVISED DATE: 12-8-2021

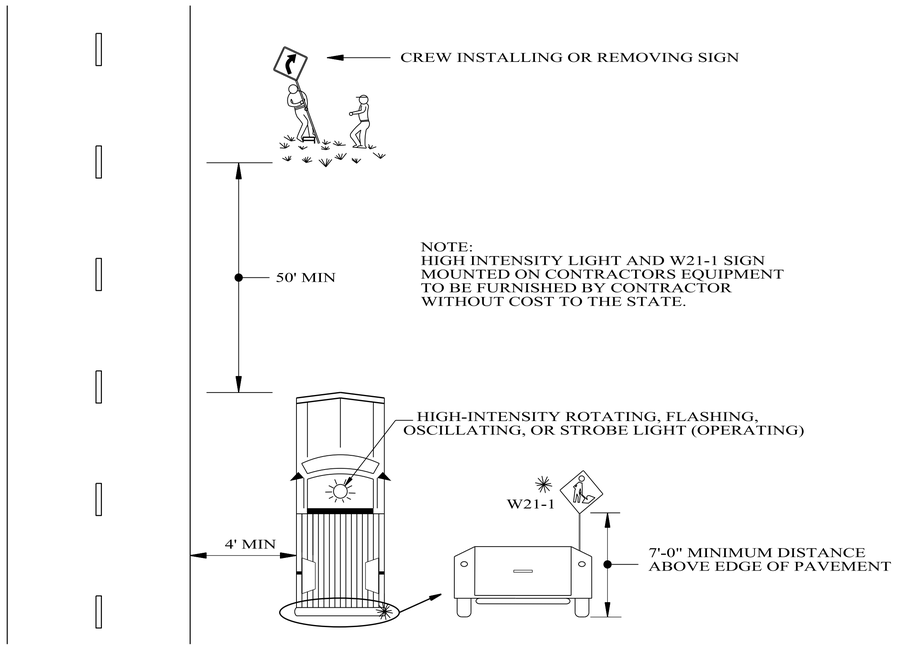
DESIGN BUREAU SPECIAL DRAWING
STANDARD DETAILS FOR TRAFFIC CONTROL PLANS

SPECIAL DRAWING NO
SPECIAL PROJECT DETAIL

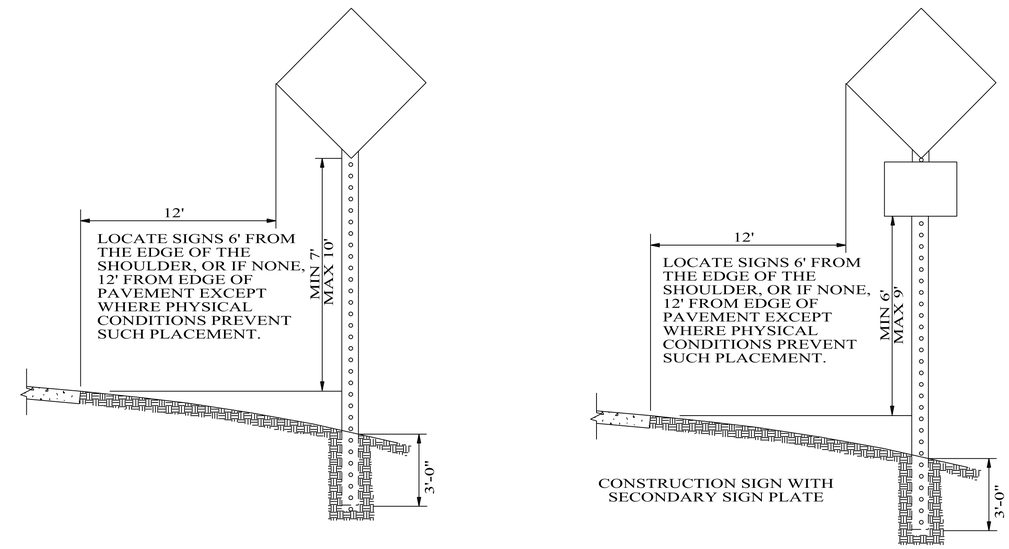
INDEX NO
2001

TEMPORARY TRAFFIC CONTROL PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	49

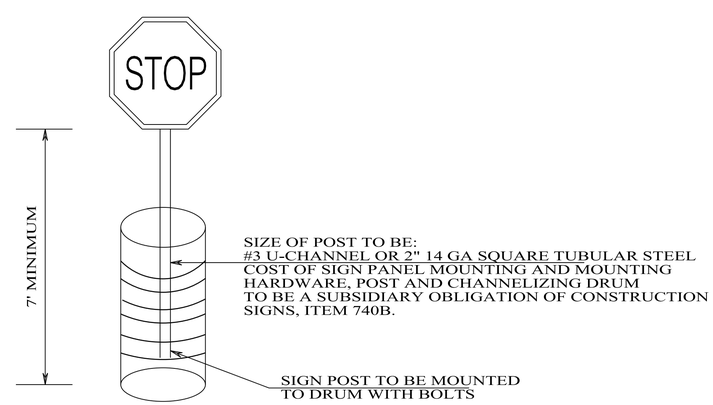


TYPICAL METHOD FOR INSTALLING OR REMOVING CONSTRUCTION SIGNS



NOTE:
IF THE CONTRACTOR CHOOSES TO SPLICE THE POSTS FOR THE REQUIRED POST MOUNTED CONSTRUCTION SIGNS, THEY SHALL BE SPLICED AS SHOWN ON DRAWING IHS-710-23.

HEIGHT AND LATERAL LOCATION OF POST MOUNTED CONSTRUCTION SIGNS



DETAIL FOR DRUM MOUNTED CONSTRUCTION SIGNS

NOT TO SCALE

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

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.

REVISIONS:
1.

Bureau Std Engr: D.J.W.
DRAWN BY: I
DATE DRAWN: I
REVISED DATE: 6-12-2019

DESIGN BUREAU SPECIAL DRAWING

STANDARD DETAILS
FOR TRAFFIC CONTROL PLANS

SPECIAL DRAWING NO

SPECIAL PROJECT DETAIL

INDEX NO

2001A

EROSION AND SEDIMENT CONTROL PLANS LEGEND

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	60

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	
WATTLE SLOPE INTERRUPTERS	

INLET PROTECTION	
STABILIZED CONSTRUCTION ENTRANCE	SCE
EROSION CONTROL PRODUCTS	
SLOPE DRAIN	
TEMPORARY EARTH BERM WITH POLYETHYLENE	
DREDGE, FILL	
PRIMARY STORMWATER DISCHARGE POINT	25.0
SECONDARY STORMWATER DISCHARGE POINT	25.A
BACKGROUND POINT	25.1
SEDIMENT RETENTION BARRIER	
SOLID SODDING	
TEMPORARY RIPRAP BERM	
TEMPORARY SEDIMENTATION BASIN	TSB / 3
PERMANENT DETENTION BASIN	PDB / 3A

EROSION AND SEDIMENT CONTROL PHASES

INITIAL PHASE - AS CLEARING BEGINS AND PRIOR TO ANY GRUBBING OR GRADING WORK.

INTERMEDIATE PHASE - AS NEEDED. AS WORK IS ONGOING AND ADVANCING TOWARD COMPLETION.

FINAL CONSTRUCTION - AS WORK IS COMPLETED AND PERMANENT VEGETATION IS ESTABLISHED.

NOTES

1. ALL FLOCCULANTS ARE TO BE APPLIED AT THE DIRECTION OF THE ENGINEER. FLOCCULANTS SHALL ONLY BE USED ON STORMWATER THAT FLOWS INTO A REQUIRED SEDIMENTATION BASIN OR FLOWS THROUGH A MINIMUM OF THREE DITCH CHECKS ABSENT OF FLOCCULANT BEFORE LEAVING THE RIGHT-OF-WAY OR DISCHARGING INTO A BLUE LINED STREAM.

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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.

REVISIONS

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

EROSION & SEDIMENT CONTROL LEGEND

Bureau Std Engr: L.V.S.
DRAWN BY: W.D.H. DATE DRAWN: 10-14-16

SPECIAL DRAWING NO: SPECIAL PROJECT DETAIL
INDEX NO

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

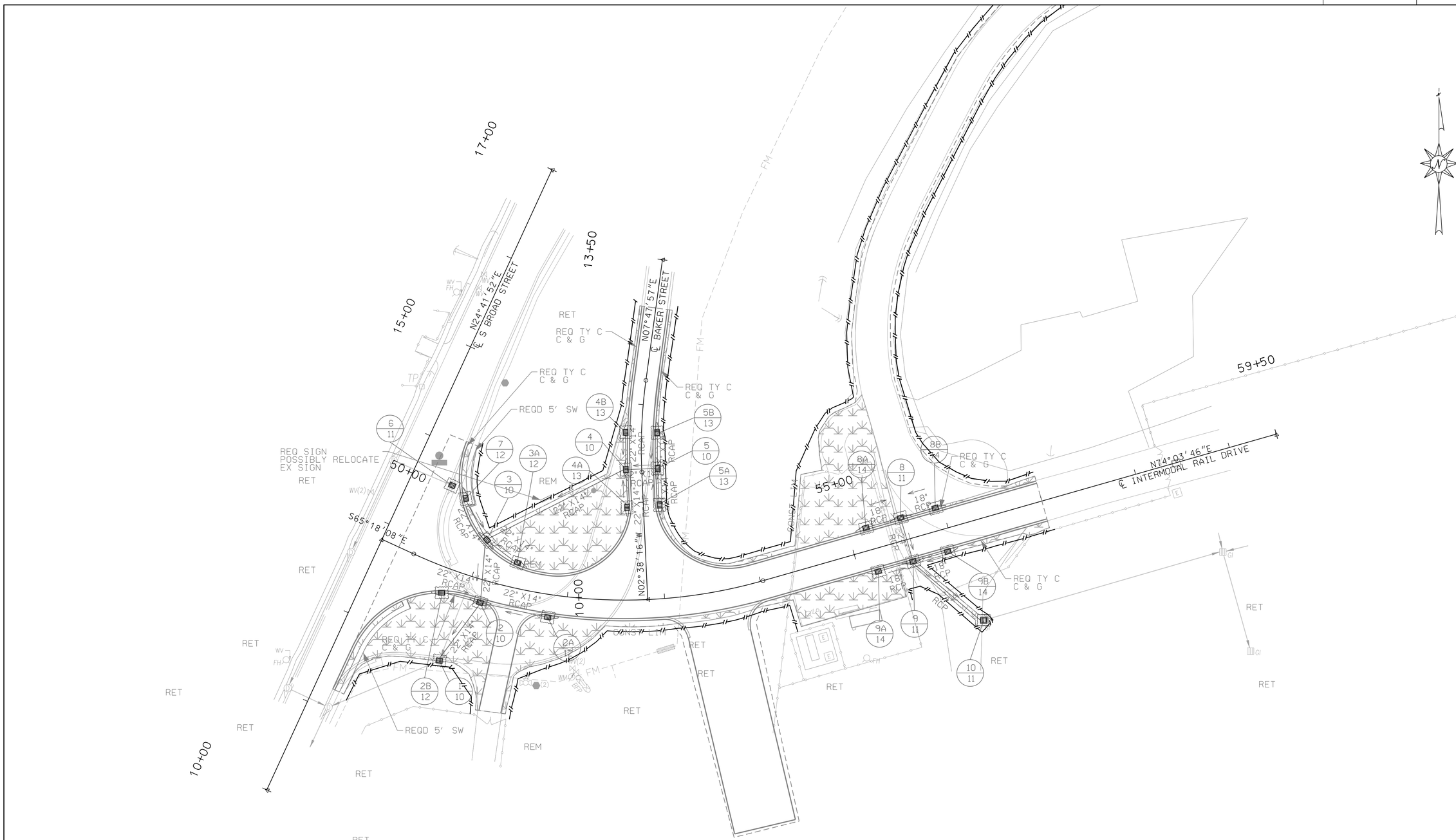
PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

SHEET TITLE	ROUTE
EROSION AND SEDIMENT CONTROL PLANS LEGEND	PORT CONNECTOR

EROSION AND SEDIMENT CONTROL PLAN

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	61



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 50 0 50 SCALE (FEET)

SHEET TITLE: EROSION AND SEDIMENT CONTROL PLAN

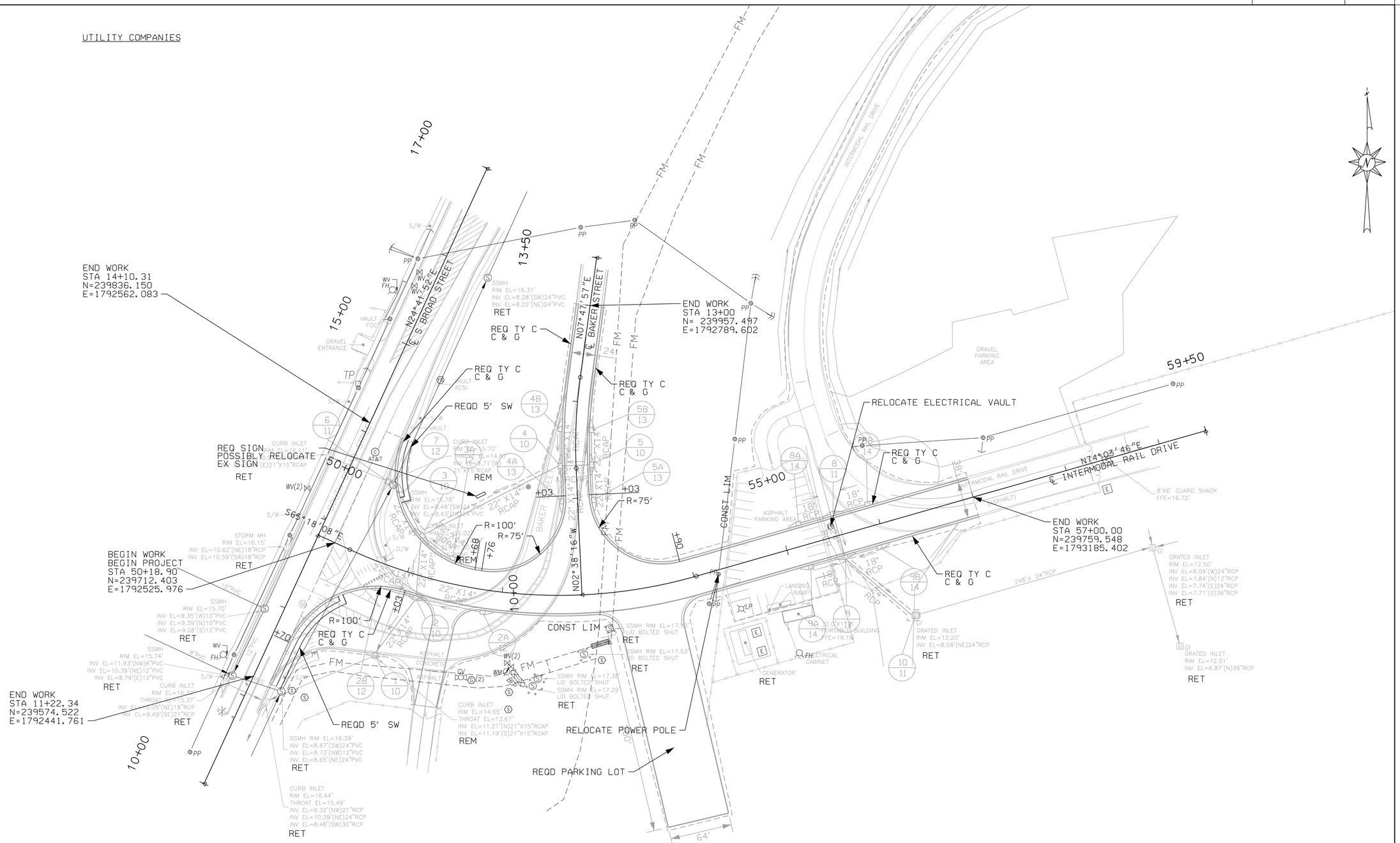
ROUTE: PORT CONNECTOR

User Is: karman.richardson 16-APR-2025 16:47 Plot Scale=50.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1147000 - APM ICTF Connector Bridges & Roadway@Project Design@Plans Assembly@Broad Connection@061_000_ecp.dgn

UTILITY SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	100

UTILITY COMPANIES



NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

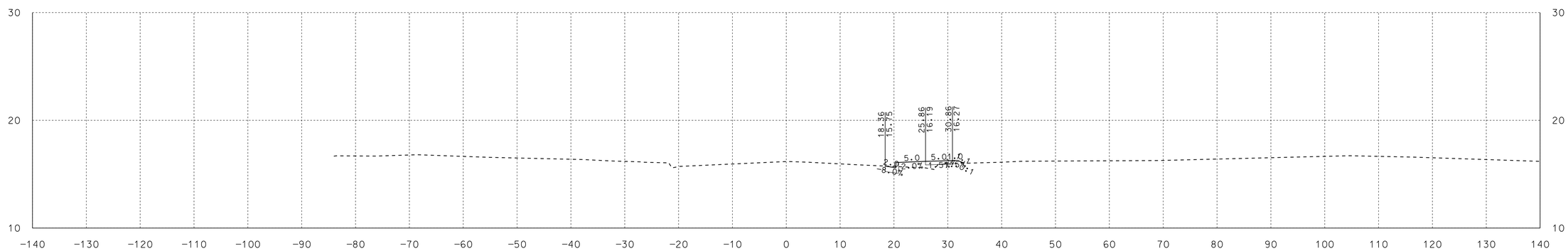
HORIZ 50 0 50 SCALE (FEET)

SHEET TITLE	ROUTE
UTILITY SHEET	PORT CONNECTOR

User Is: karman.richardson 16-APR-2025 16:48 Plot Scale=50.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@11470000 - APM ICTF Connector Bridges & Roadway@Project Design@Plans Assembly@Broad Connection@100_000_utl.dgn

CROSS SECTIONS - S BROAD STREET

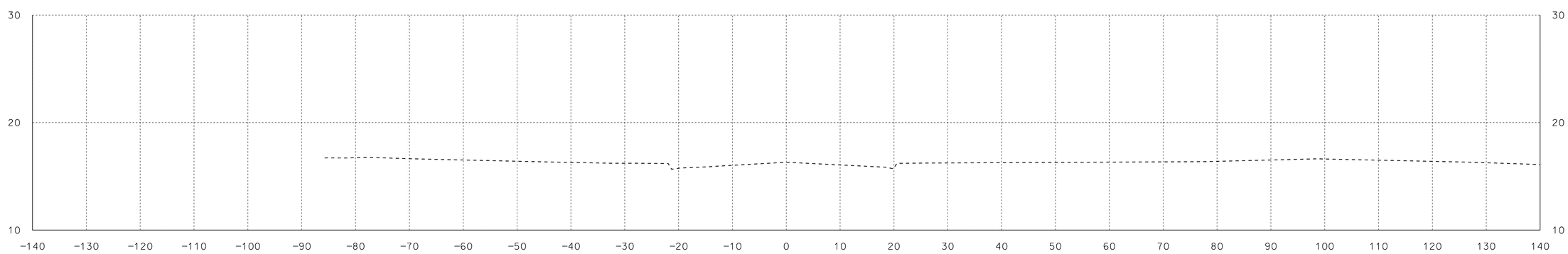
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	200



AREA CUT = 2 SQ FT
AREA FILL = 4 SQ FT

11+50

VOLUME CUT = 1 CU YD
VOLUME FILL = 2 CU YD



AREA CUT = 0 SQ FT
AREA FILL = 0 SQ FT

11+22

VOLUME CUT = 0 CU YD
VOLUME FILL = 0 CU YD

Sta. 11+22 To Sta. 11+50

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

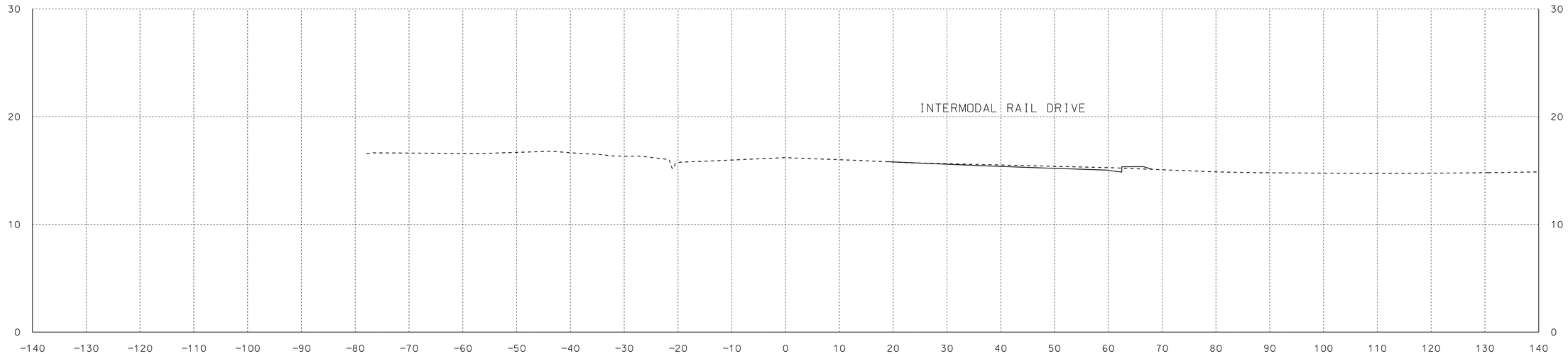
HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE: CROSS SECTIONS - S BROAD STREET

ROUTE: PORT CONNECTOR

CROSS SECTIONS - S BROAD STREET

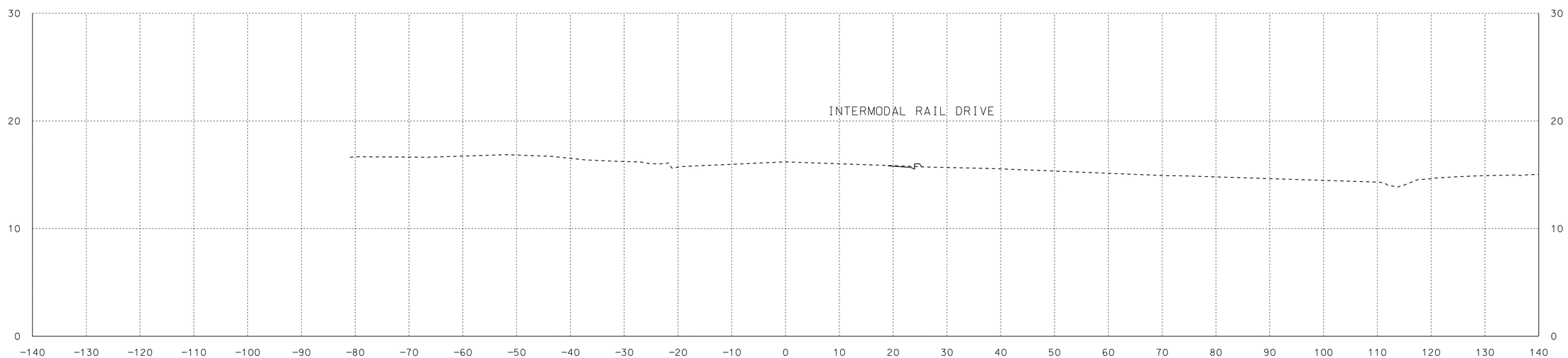
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	201



AREA CUT = 0 SQ FT
AREA FILL = 0 SQ FT

12+50

VOLUME CUT = 0 CU YD
VOLUME FILL = 0 CU YD



AREA CUT = 0 SQ FT
AREA FILL = 0 SQ FT

12+00

VOLUME CUT = 1 CU YD
VOLUME FILL = 4 CU YD

Sta. 12+00 To Sta. 12+50

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

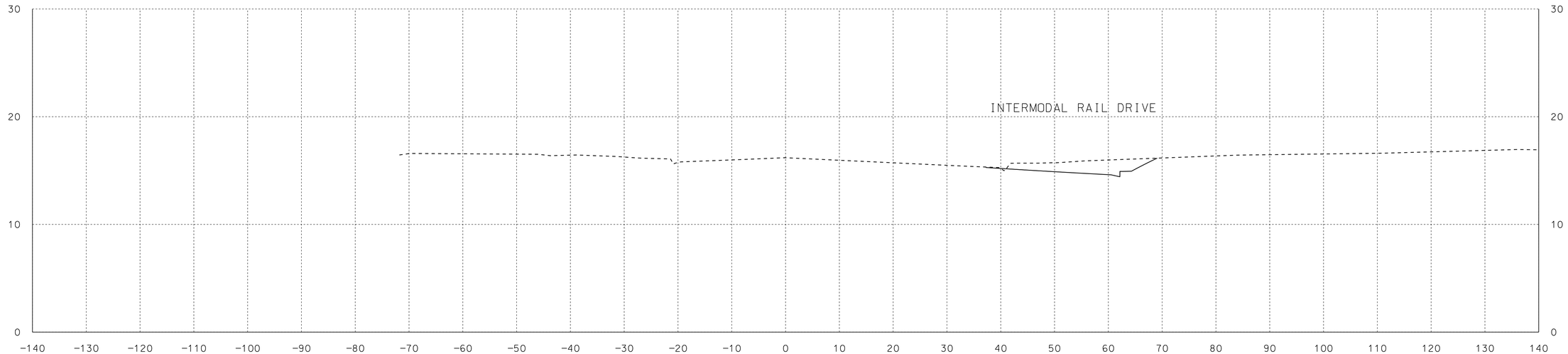
ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE	ROUTE
CROSS SECTIONS - S BROAD STREET	PORT CONNECTOR

CROSS SECTIONS - S BROAD STREET

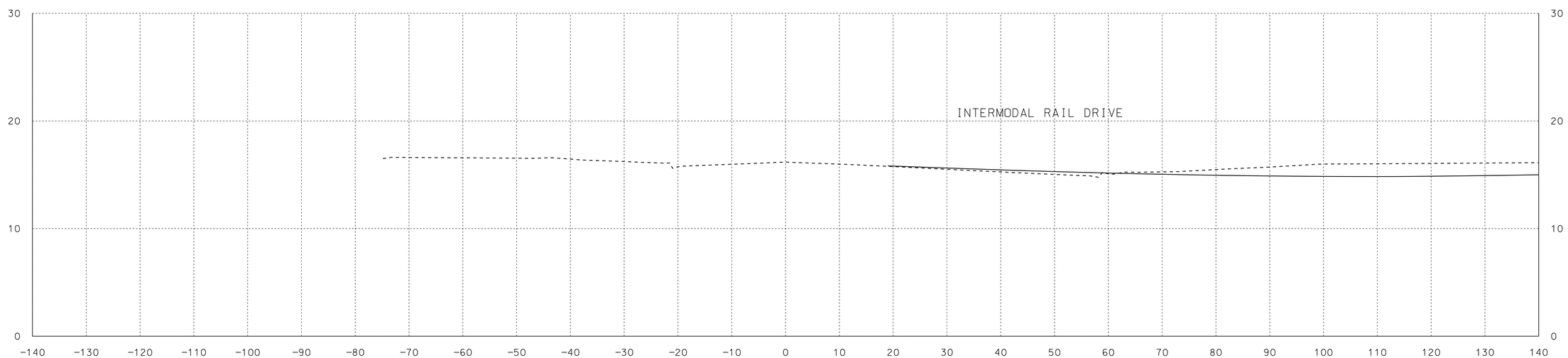
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	202



AREA CUT = 0 SQ FT
AREA FILL = 0 SQ FT

13+50

VOLUME CUT = 0 CU YD
VOLUME FILL = 0 CU YD



AREA CUT = 0 SQ FT
AREA FILL = 0 SQ FT

13+00

VOLUME CUT = 0 CU YD
VOLUME FILL = 0 CU YD

Sta. 13+00 To Sta. 13+50

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

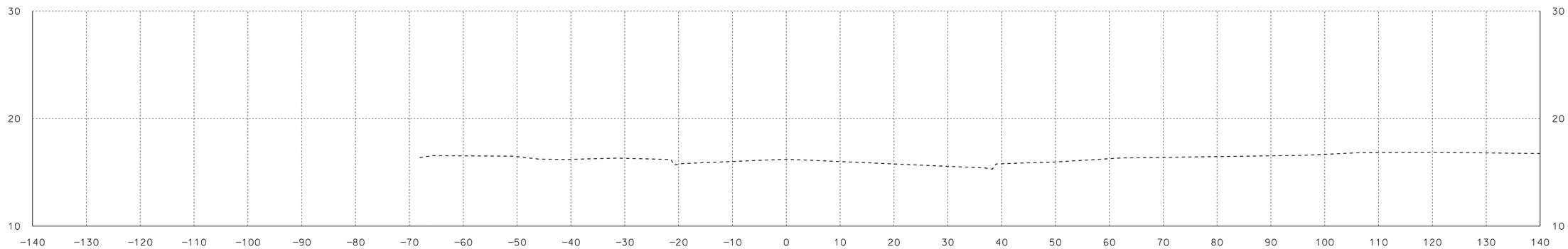
ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE	ROUTE
CROSS SECTIONS - S BROAD STREET	PORT CONNECTOR

CROSS SECTIONS - S BROAD STREET

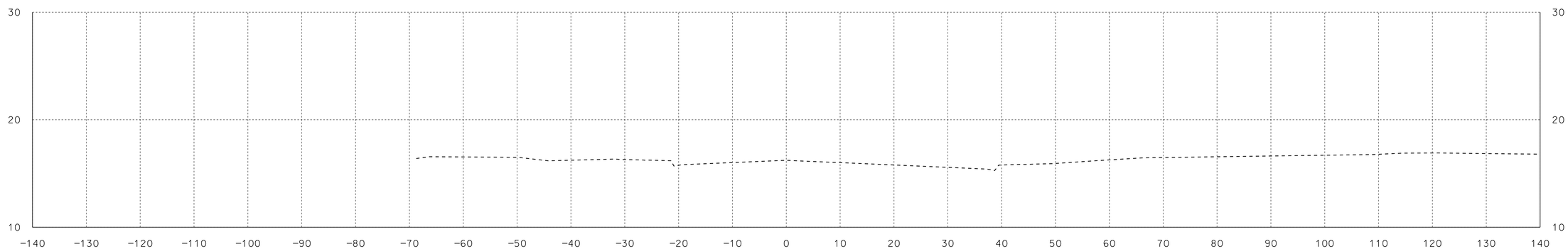
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	203



AREA CUT = 0 SQ FT
AREA FILL = 0 SQ FT

14+10

VOLUME CUT = 0 CU YD
VOLUME FILL = 0 CU YD



AREA CUT = 0 SQ FT
AREA FILL = 0 SQ FT

14+00

VOLUME CUT = 0 CU YD
VOLUME FILL = 0 CU YD

Sta. 14+00 To Sta. 14+10

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

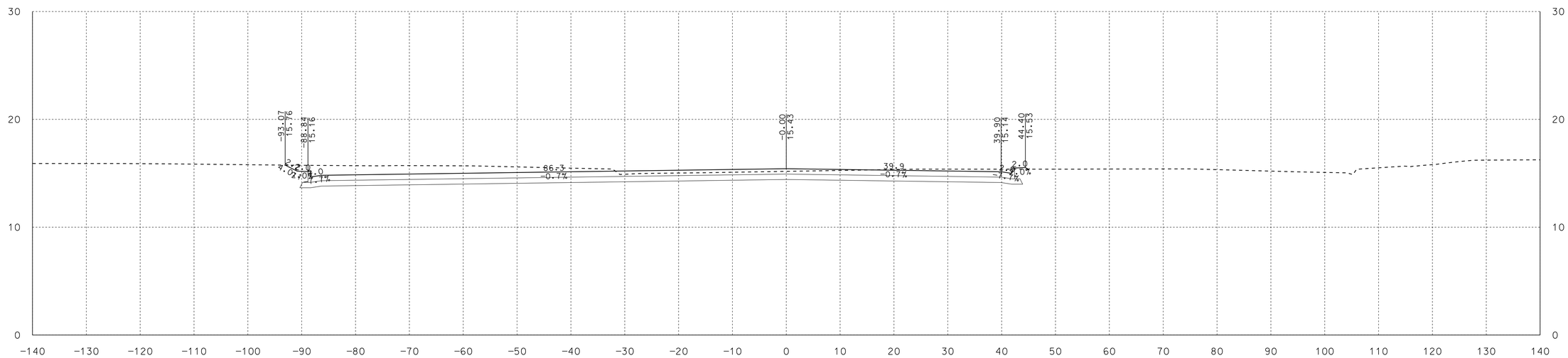
HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE	ROUTE
CROSS SECTIONS - S BROAD STREET	PORT CONNECTOR

User Is: Karman.richardson 16-APR-2025 16:48 Plot Scale=10.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1147000 - APM ICTF Connector Bridges & Roadway@Project Design@Plans Assembly@Broad Connection@200_000_xsn_Broad Street.dgn

CROSS SECTIONS - INTERMODAL RAIL DRIVE

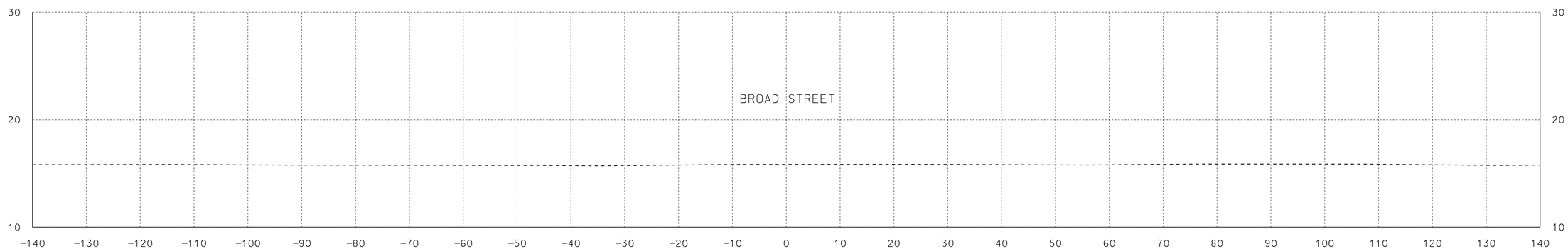
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	210



AREA CUT = 165 SQ FT
AREA FILL = 1 SQ FT

50+50

VOLUME CUT = 97 CU YD
VOLUME FILL = 0 CU YD



AREA CUT = 0 SQ FT
AREA FILL = 0 SQ FT

50+18

VOLUME CUT = 0 CU YD
VOLUME FILL = 0 CU YD

Sta.50+18 To Sta.50+50

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

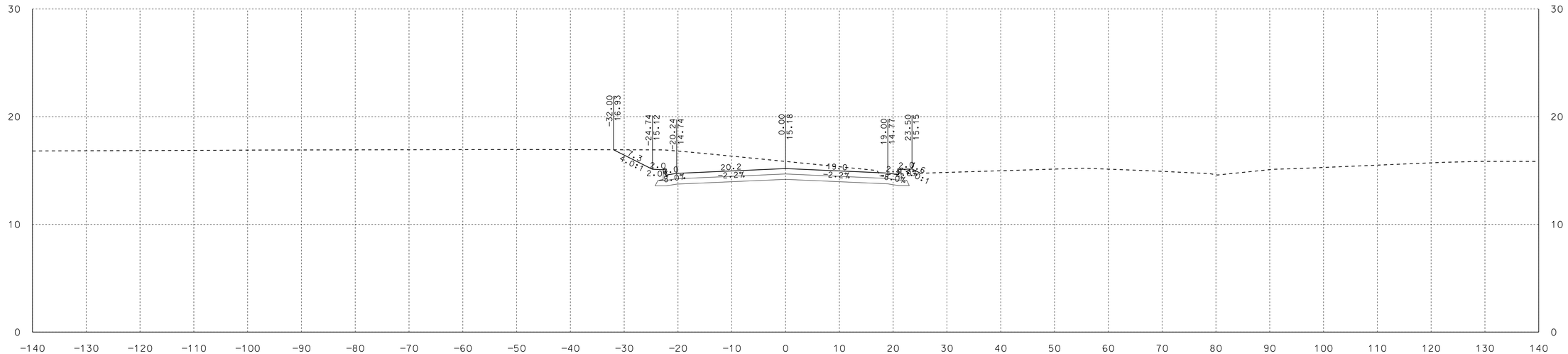
HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE: CROSS SECTIONS - INTERMODAL RAIL DRIVE

ROUTE: PORT CONNECTOR

CROSS SECTIONS - INTERMODAL RAIL DRIVE

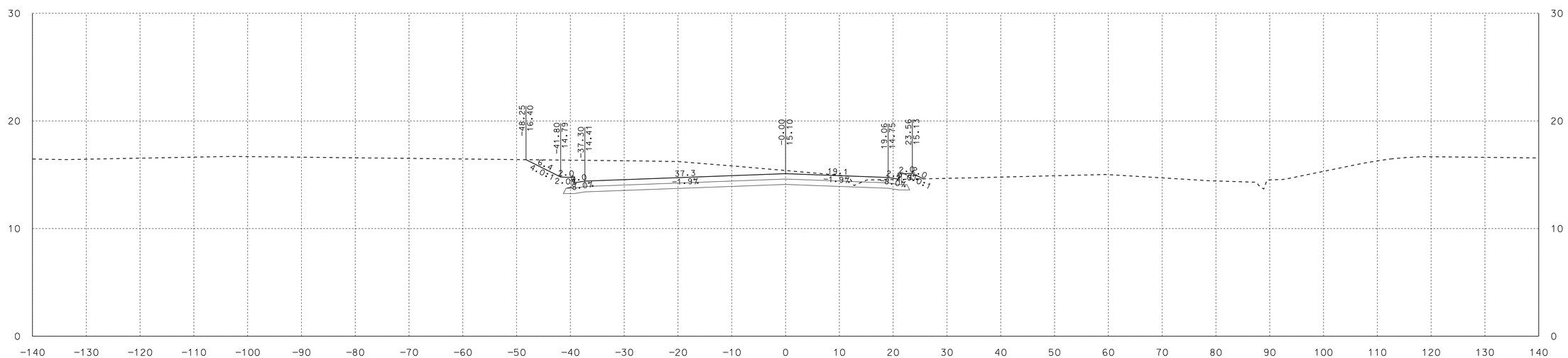
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	211



AREA CUT = 96 SQ FT
AREA FILL = 2 SQ FT

51+50

VOLUME CUT = 202 CU YD
VOLUME FILL = 3 CU YD



AREA CUT = 123 SQ FT
AREA FILL = 2 SQ FT

51+00

VOLUME CUT = 266 CU YD
VOLUME FILL = 2 CU YD

Sta.51+00 To Sta.51+50

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

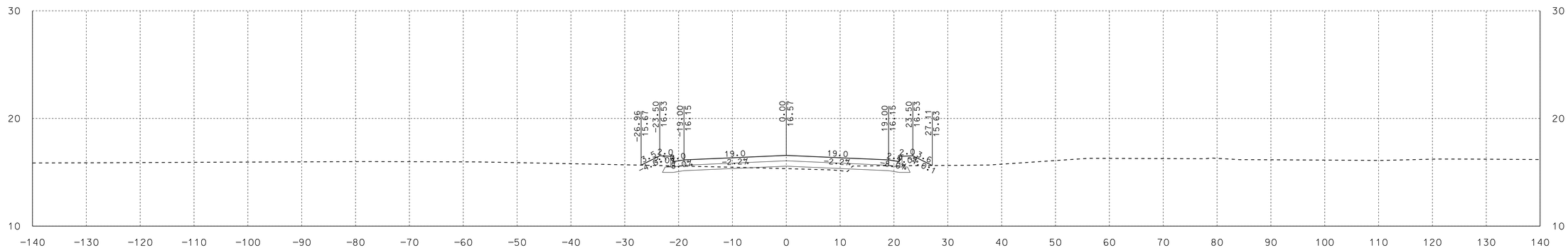
HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE: CROSS SECTIONS - INTERMODAL RAIL DRIVE

ROUTE: PORT CONNECTOR

CROSS SECTIONS - INTERMODAL RAIL DRIVE

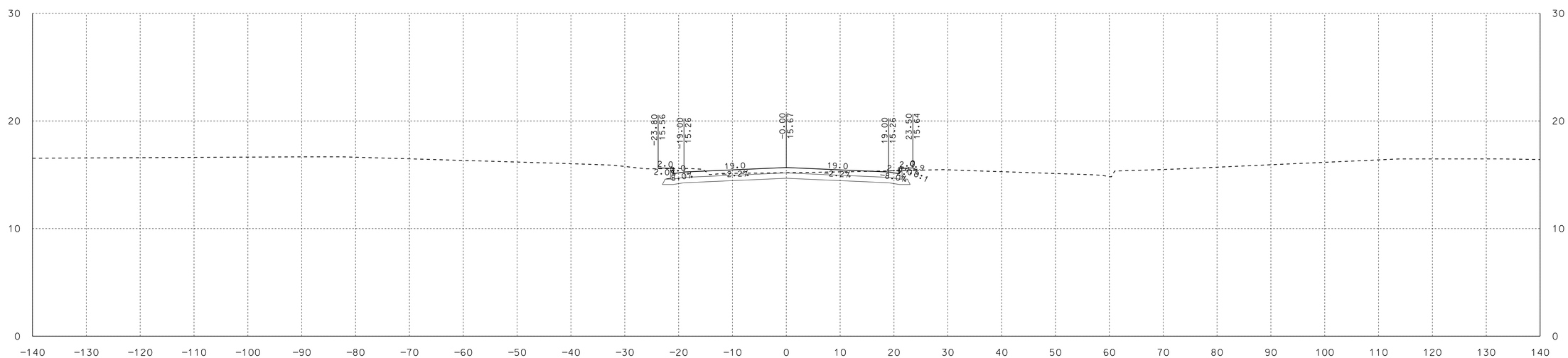
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	212



AREA CUT = 9 SQ FT
AREA FILL = 10 SQ FT

52+50

VOLUME CUT = 43 CU YD
VOLUME FILL = 10 CU YD



AREA CUT = 38 SQ FT
AREA FILL = 1 SQ FT

52+00

VOLUME CUT = 124 CU YD
VOLUME FILL = 2 CU YD

Sta.52+00 To Sta.52+50

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

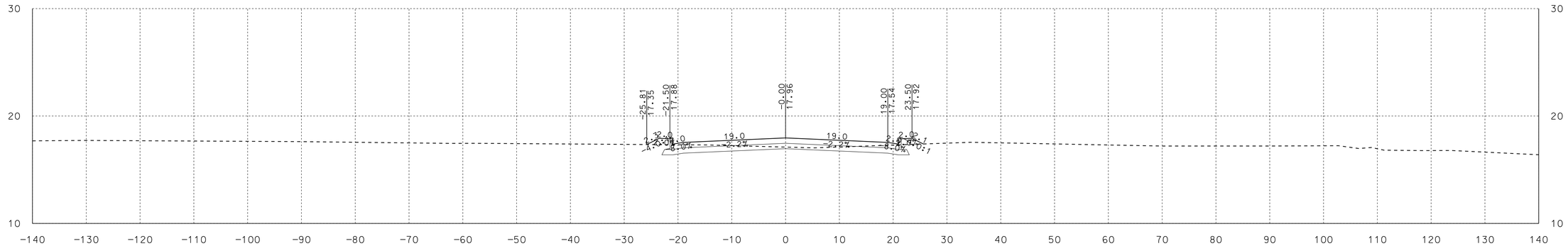
ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE	ROUTE
CROSS SECTIONS - INTERMODAL RAIL DRIVE	PORT CONNECTOR

CROSS SECTIONS - INTERMODAL RAIL DRIVE

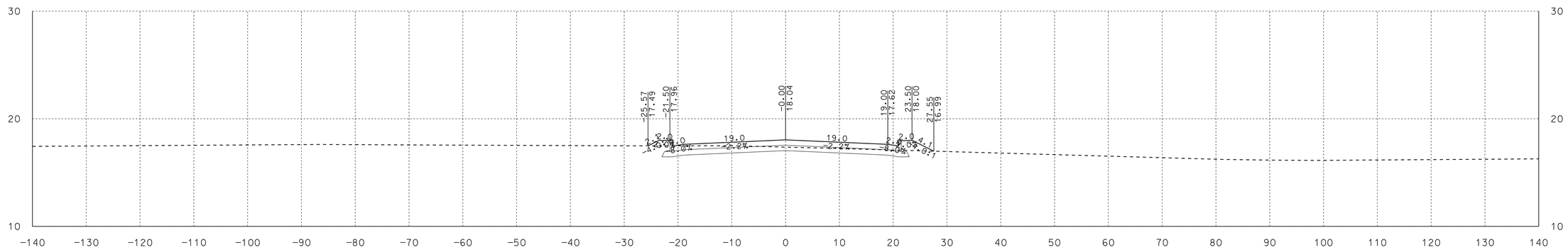
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	213



AREA CUT = 22 SQ FT
AREA FILL = 4 SQ FT

54+00

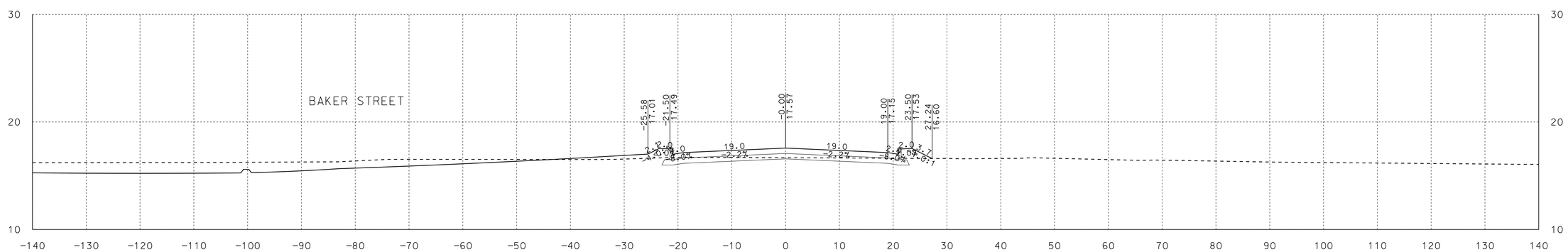
VOLUME CUT = 44 CU YD
VOLUME FILL = 9 CU YD



AREA CUT = 25 SQ FT
AREA FILL = 6 SQ FT

53+50

VOLUME CUT = 38 CU YD
VOLUME FILL = 11 CU YD



AREA CUT = 17 SQ FT
AREA FILL = 7 SQ FT

53+00

VOLUME CUT = 24 CU YD
VOLUME FILL = 15 CU YD

Sta.53+00 To Sta.54+00

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

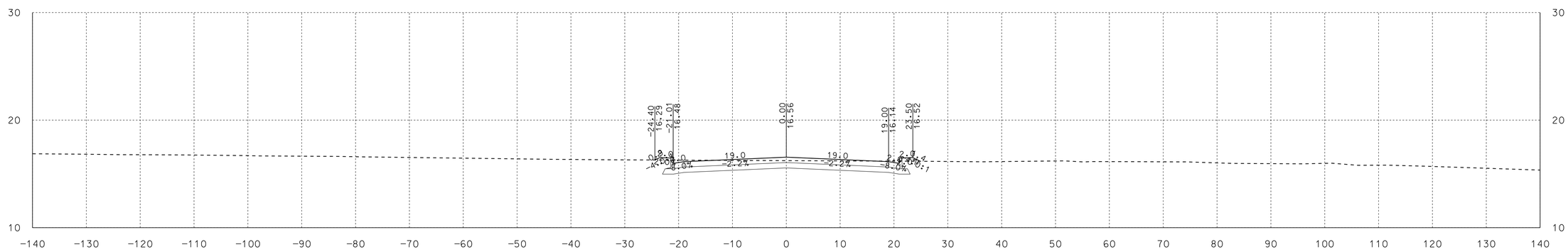
HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE: CROSS SECTIONS - INTERMODAL RAIL DRIVE

ROUTE: PORT CONNECTOR

CROSS SECTIONS - INTERMODAL RAIL DRIVE

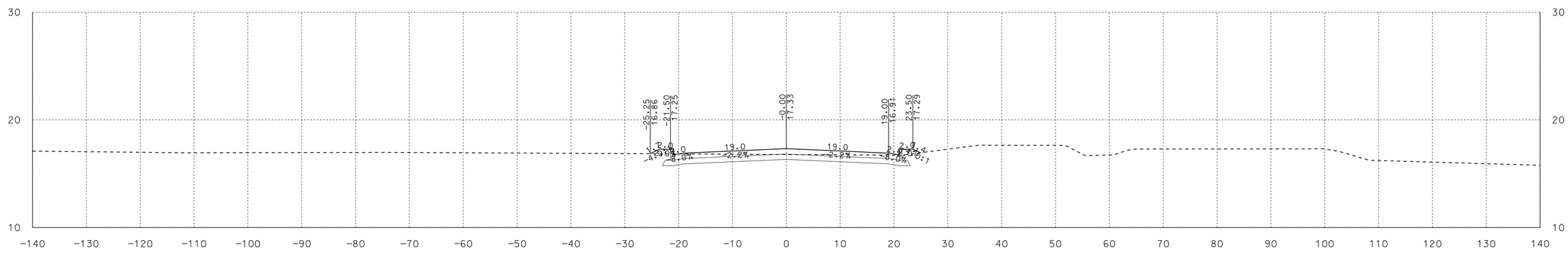
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	214



AREA CUT = 41 SQ FT
AREA FILL = 2 SQ FT

55+00

VOLUME CUT = 67 CU YD
VOLUME FILL = 4 CU YD



AREA CUT = 31 SQ FT
AREA FILL = 3 SQ FT

54+50

VOLUME CUT = 49 CU YD
VOLUME FILL = 6 CU YD

Sta.54+50 To Sta.55+00

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

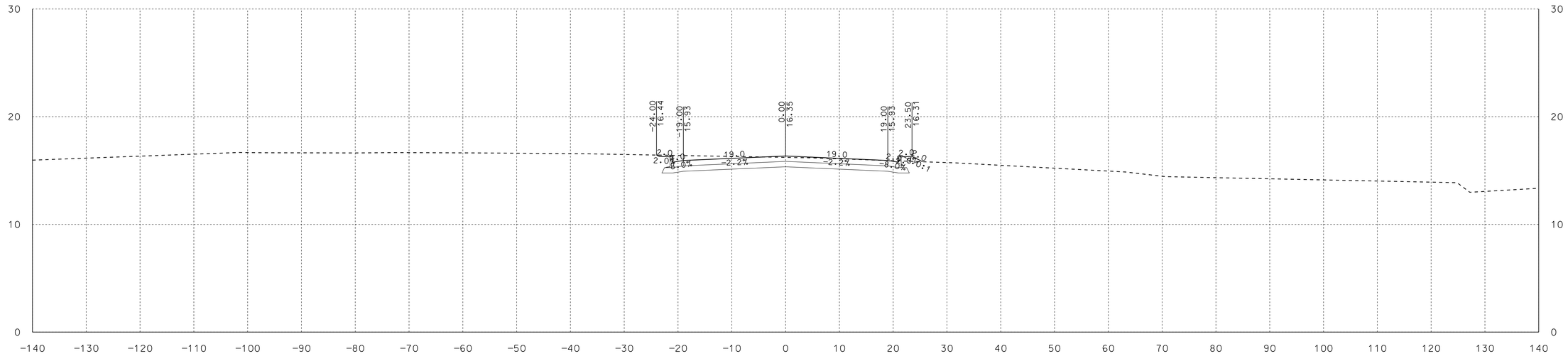
HORIZ 10 0 10 VERT 5 0 5
SCALE (FEET)

SHEET TITLE: CROSS SECTIONS - INTERMODAL RAIL DRIVE

ROUTE: PORT CONNECTOR

CROSS SECTIONS - INTERMODAL RAIL DRIVE

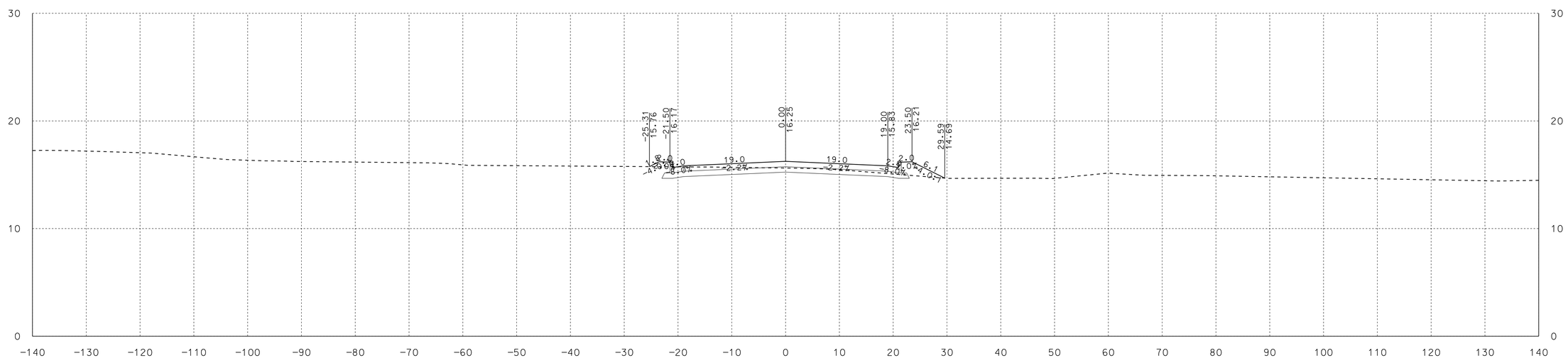
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	215



AREA CUT = 49 SQ FT
AREA FILL = 2 SQ FT

56+00

VOLUME CUT = 68 CU YD
VOLUME FILL = 8 CU YD



AREA CUT = 25 SQ FT
AREA FILL = 8 SQ FT

55+50

VOLUME CUT = 61 CU YD
VOLUME FILL = 8 CU YD

Sta.55+50 To Sta.56+00

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

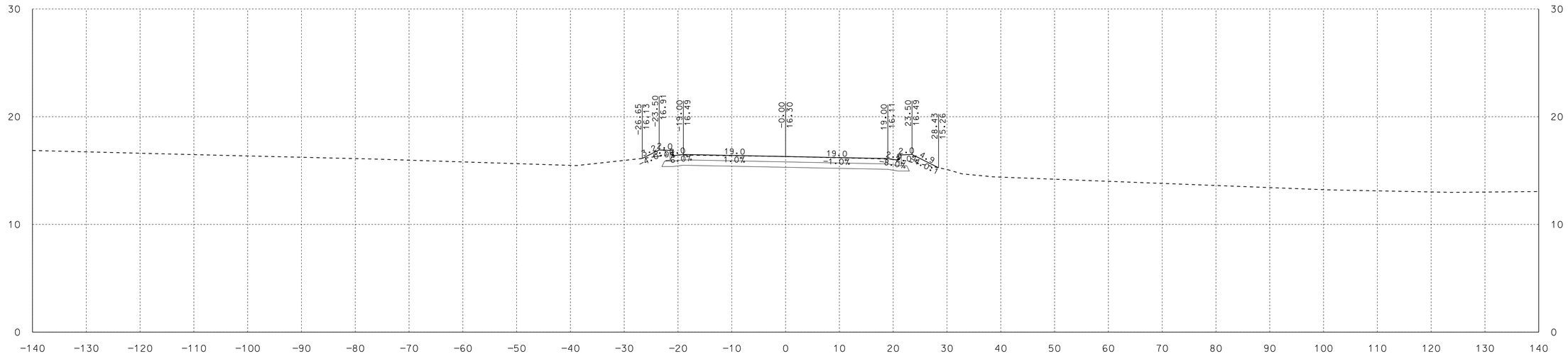
HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE	ROUTE
CROSS SECTIONS - INTERMODAL RAIL DRIVE	PORT CONNECTOR

User Is: karman.richardson 16-APR-2025 16:48 Plot Scale=10.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects@1147000 - APM ICTF Connector Bridges & Roadway@Project Design@Plans Assembly@Broad Connection@210_000_xsn_Intermodal Rail Drive.dgn

CROSS SECTIONS - INTERMODAL RAIL DRIVE

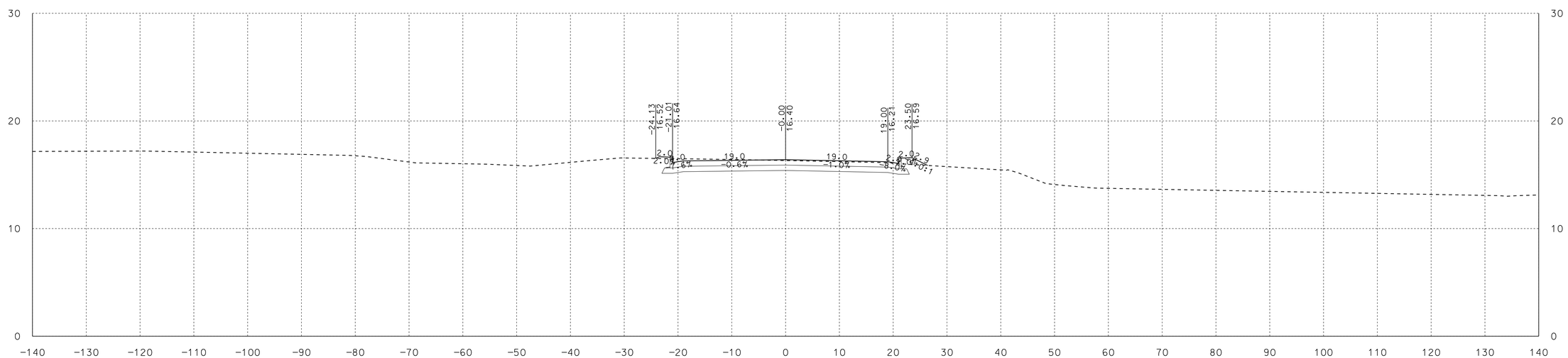
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	216



AREA CUT = 44 SQ FT
AREA FILL = 5 SQ FT

57+00

VOLUME CUT = 81 CU YD
VOLUME FILL = 7 CU YD



AREA CUT = 45 SQ FT
AREA FILL = 3 SQ FT

56+50

VOLUME CUT = 86 CU YD
VOLUME FILL = 4 CU YD

Sta.56+50 To Sta.57+00

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

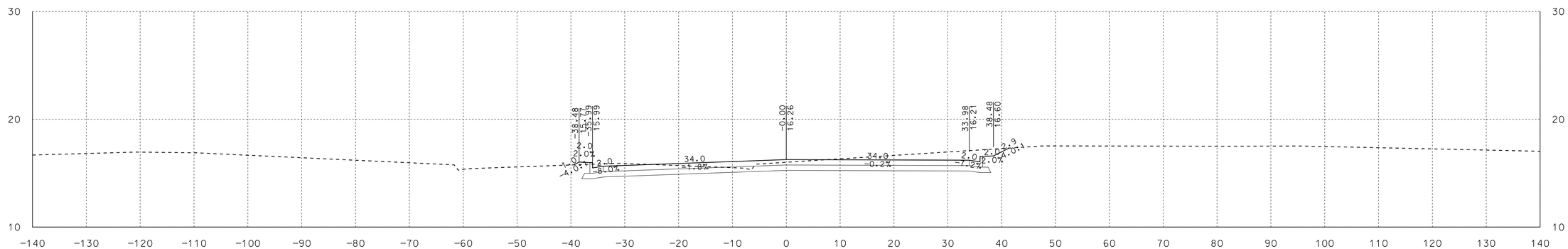
HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE: CROSS SECTIONS - INTERMODAL RAIL DRIVE

ROUTE: PORT CONNECTOR

CROSS SECTIONS - BAKER STREET

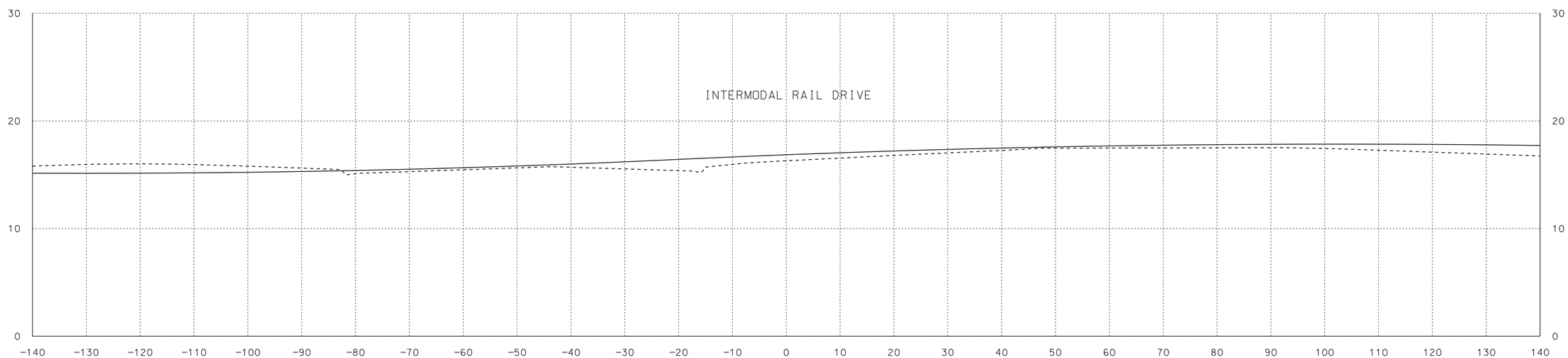
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	220



AREA CUT = 84 SQ FT
AREA FILL = 1 SQ FT

10+50

VOLUME CUT = 48 CU YD
VOLUME FILL = 0 CU YD



AREA CUT = 0 SQ FT
AREA FILL = 0 SQ FT

10+19

VOLUME CUT = 0 CU YD
VOLUME FILL = 0 CU YD

Sta. 10+19 To Sta. 10+50

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

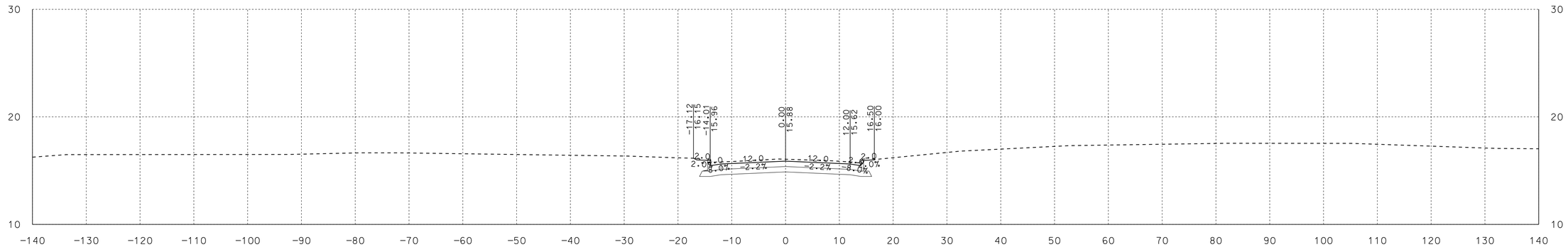
ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 10 0 10 VERT 5 0 5
SCALE (FEET)

SHEET TITLE	ROUTE
CROSS SECTIONS - BAKER STREET	PORT CONNECTOR

CROSS SECTIONS - BAKER STREET

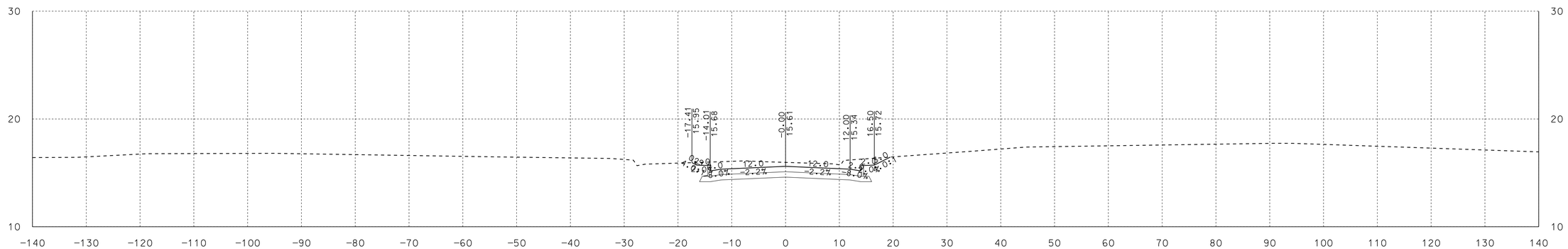
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	221



AREA CUT = 37 SQ FT
AREA FILL = 1 SQ FT

12+00

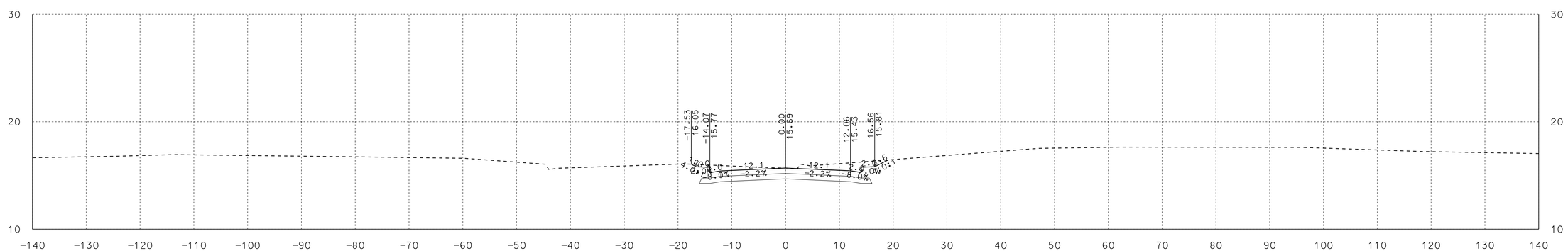
VOLUME CUT = 81 CU YD
VOLUME FILL = 0 CU YD



AREA CUT = 50 SQ FT
AREA FILL = 0 SQ FT

11+50

VOLUME CUT = 87 CU YD
VOLUME FILL = 0 CU YD



AREA CUT = 44 SQ FT
AREA FILL = 0 SQ FT

11+00

VOLUME CUT = 118 CU YD
VOLUME FILL = 0 CU YD

Sta. 11+00 To Sta. 12+00

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

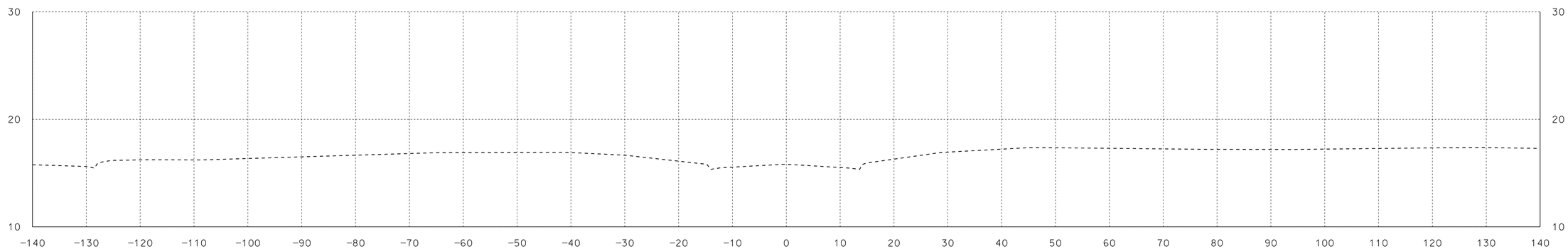
HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE: CROSS SECTIONS - BAKER STREET

ROUTE: PORT CONNECTOR

CROSS SECTIONS - BAKER STREET

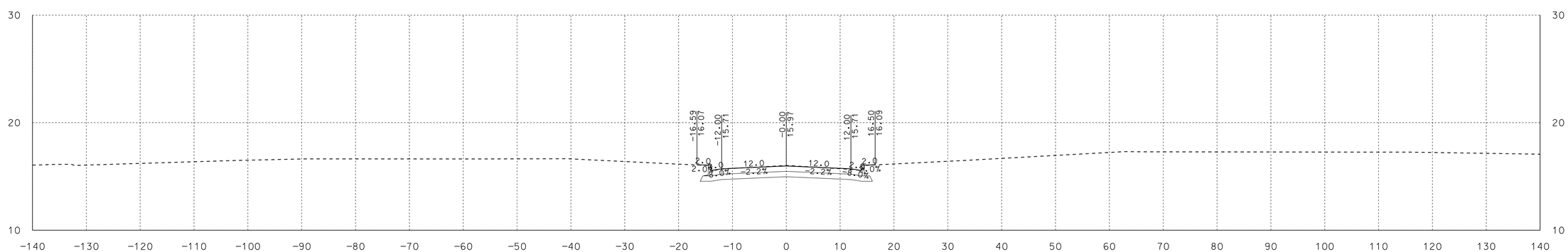
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	222



AREA CUT = 0 SQ FT
AREA FILL = 0 SQ FT

13+00

VOLUME CUT = 28 CU YD
VOLUME FILL = 0 CU YD



AREA CUT = 31 SQ FT
AREA FILL = 1 SQ FT

12+50

VOLUME CUT = 63 CU YD
VOLUME FILL = 1 CU YD

Sta.12+50 To Sta.13+00

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

HORIZ 10 0 10 SCALE (FEET) VERT 5 0 5

SHEET TITLE	ROUTE
CROSS SECTIONS - BAKER STREET	PORT CONNECTOR

User Is: karman.richardson 16-APR-2025 16:48 Plot Scale=10.000000:1.000000 $$COLORTABLE$$ $$PENTABLE$$ Projects#1147000 - APM ICTF Connector Bridges & Roadway#Project Design#Plans Assembly#Broad Connection#220_000_xsn_Baker Street.dgn

EARTHWORK SUMMARY

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
11271 TASK 01	2025	300

210A000	UNCLASSIFIED EXCAVATION :	12621	CU YD
650A000	TOPSOIL :	112	CU YD

NO.	REVISION	DATE	INITIALS
0	ISSUE FOR BID	04/14/25	KTR

ASPA LOGISTICS PARK
CIVIL INFRASTRUCTURE IMPROVEMENTS

PLAN SUBMITTAL

ALABAMA PORT AUTHORITY
PORT OF MOBILE

NOT TO SCALE

SHEET TITLE: EARTHWORK SUMMARY

ROUTE: PORT CONNECTOR