MOBILE, MOBILE COUNTY, AL
TERMINAL RAILWAY ALABAMA STATE DOCKS
ASPA TRR INTERCHANGE EXPANSION PROJECT

FEDERAL RAILROAD ADMINISTRATION

Name: _____

Date: _____

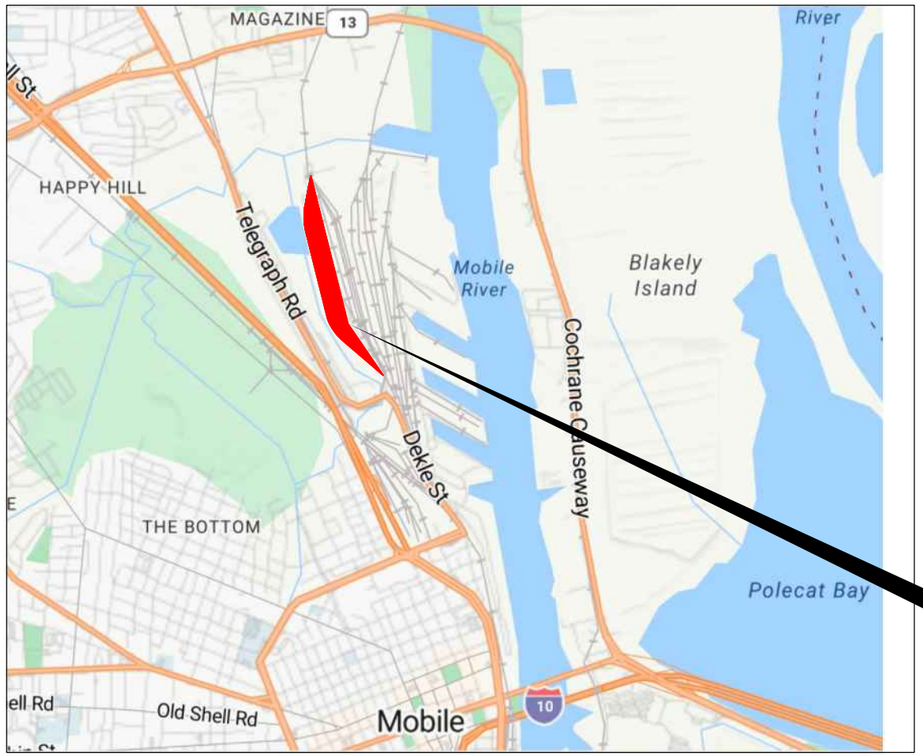
SIgnature: _____

TERMINAL RAILWAY

Name: _____

Date: _____

Signature: _____



VICINITY MAP
NOT TO SCALE

TASD
COUNTRY SUBDIVISION

30% PLANS
NOT FOR CONSTRUCTION

DATE: DECEMBER 15, 2023

Colliers Engineering & Design

PORT OF MOBILE
ALABAMA PORT AUTHORITY

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT	Pen Table File
						$TIME$
						$DATE$

DRAWING NUMBER	DRAWING TITLE	SHEET NUMBER
	GENERAL	
CG-01	TITLE SHEET	1
CG-02	INDEX OF DRAWINGS	2
CG-03	GENERAL NOTES	3
CG-04	ABBREVIATIONS	4
CG-05	SYMBOLS	5
CG-06	KEY MAP	6
	TRACK	
RT-01	TRACK GEOMETRY HORIZONTAL CURVE LAYOUT	7
RT-02	TRACK GEOMETRY TABLE - SHEET 1 OF 12	8
RT-03	TRACK GEOMETRY TABLE - SHEET 2 OF 12	9
RT-04	TRACK GEOMETRY TABLE - SHEET 3 OF 12	10
RT-05	TRACK GEOMETRY TABLE - SHEET 4 OF 12	11
RT-06	TRACK GEOMETRY TABLE - SHEET 5 OF 12	12
RT-07	TRACK GEOMETRY TABLE - SHEET 6 OF 12	13
RT-08	TRACK GEOMETRY TABLE - SHEET 7 OF 12	14
RT-09	TRACK GEOMETRY TABLE - SHEET 8 OF 12	15
RT-10	TRACK GEOMETRY TABLE - SHEET 9 OF 12	16
RT-11	TRACK GEOMETRY TABLE - SHEET 10 OF 12	17
RT-12	TRACK GEOMETRY TABLE - SHEET 11 OF 12	18
RT-13	TRACK GEOMETRY TABLE - SHEET 12 OF 12	19
r_tk_ts01	TYPICAL CROSS SECTIONS - SHEET 1 OF 1	20
RPL-01	PLAN SHEET - 1 OF 6	21
RPL-02	PLAN SHEET - 2 OF 6	22
RPL-03	PLAN SHEET - 3 OF 6	23
RPL-04	PLAN SHEET - 4 OF 6	24
RPL-05	PLAN SHEET - 5 OF 6	25
RPL-06	PLAN SHEET - 6 OF 6	26
RP1-01	TRACK 1 PROFILES - SHEET 1 OF 2	27
RP1-02	TRACK 1 PROFILES - SHEET 2 OF 2	28
RP2-01	TRACK 2 PROFILES - SHEET 1 OF 2	29
RP2-02	TRACK 2 PROFILES - SHEET 2 OF 2	30
RP3-01	TRACK 3 PROFILES - SHEET 1 OF 2	31
RP3-02	TRACK 3 PROFILES - SHEET 2 OF 2	32
RP4-01	TRACK 4 PROFILES - SHEET 1 OF 2	33
RP4-02	TRACK 4 PROFILES - SHEET 2 OF 2	34
RP5-01	TRACK 5 PROFILES - SHEET 1 OF 2	35
RP5-02	TRACK 5 PROFILES - SHEET 2 OF 2	36
RP6-01	TRACK 6 PROFILES - SHEET 1 OF 2	37
RP6-02	TRACK 6 PROFILES - SHEET 2 OF 2	38
RP7-01	TRACK 7 PROFILES - SHEET 1 OF 2	39
RP7-02	TRACK 7 PROFILES - SHEET 2 OF 2	40
RP8-01	TRACK 8 PROFILES - SHEET 1 OF 2	41
RP8-02	TRACK 8 PROFILES - SHEET 2 OF 2	42
RP9-01	TRACK 9 PROFILES - SHEET 1 OF 2	43
RP9-02	TRACK 9 PROFILES - SHEET 2 OF 2	44
RP30-01	TRACK 30 PROFILES - SHEET 1 OF 1	45
RP31-01	TRACK 31 PROFILES - SHEET 1 OF 1	46
RP32-01	TRACK 32 PROFILES - SHEET 1 OF 1	47

DRAWING NUMBER	DRAWING TITLE	SHEET NUMBER

DRAWING NUMBER	DRAWING TITLE	SHEET NUMBER

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR
30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO.	XX
DRAWING NO.	CG-02
REVISION	1
SHEET NO.	2 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

INDEX OF DRAWINGS

GENERAL NOTES

1. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS AND THE SPECIFICATIONS FOR THIS CONTRACT.

2. ALL CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED AND COORDINATED THROUGH THE ENGINEER, INCLUDING THE VARIOUS COMPANIES, AGENCIES AND OTHER CONTRACTORS WHO MAY BE AFFECTED BY THIS WORK. ALL REQUIRED PERMITS INCLUDING RAILROAD RIGHT-OF-ENTRY PERMITS NEEDED FOR THE WORK SHALL BE OBTAINED BY THE CONTRACTOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL COMPLY WITH ALL RAILROAD OCCUPANCY REQUIREMENTS INCLUDING INSURANCE REQUIREMENTS.

3. HORIZONTAL AND VERTICAL CONTROL POINTS FOR THE TRACK LAYOUT ARE IDENTIFIED IN THE CONTRACT DOCUMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UTILIZE THESE CONTROL POINTS TO ASSURE THAT ALL FACILITIES INCLUDED IN THIS PROJECT ARE CONSTRUCTED AT THE CORRECT VERTICAL AND HORIZONTAL LOCATIONS.

4. THE ALABAMA STATE PORT AUTHORITY (ASPA) WILL BE RESPONSIBLE FOR THE RAIL, TIES, OTM AND TURNOUT PROCUREMENT.

5. POSITIVE DRAINAGE MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION TO PREVENT PONDING OF WATER.

6. THE CONTRACTOR SHALL COMPLY WITH THE STATE OF ALABAMA REQUIREMENTS REGARDING THE TREATMENT OF WATER BEFORE DISCHARGING FROM THE RAILROAD RIGHT-OF-WAY.

7. CONTRACTOR SHALL SUBMIT A CONSTRUCTION PHASING PLAN TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION. ANY MODIFICATIONS TO THIS PHASING PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

8. LIMITS OF GRADING AS SHOWN ON THE PLANS ARE APPROXIMATE. WHERE LIMIT OF GRADING IS ADJACENT TO A BRIDGE, CROSSING, OR OTHER FACILITY, GRADING SHALL PROVIDE FOR A CONTINUOUS GRADE SO THAT TRACK CAN BE INSTALLED WITH NO ADDITIONAL GRADING WORK.

9. THE CONTRACTOR SHALL BECOME FAMILIAR WITH LEGISLATION OUTLINING PROCEDURES FOR LOCATING UTILITIES BY HAND EXCAVATION AND COMPLY WITH ITS DIRECTIVE. HYDROEXCAVATION METHODS LIKE BADGER DAYLIGHTING ARE AN ACCEPTABLE METHOD TO LOCATE UTILITIES.

10. PRIOR TO EACH CONSTRUCTION ACTIVITY WITHIN THE RAILROAD RIGHT-OF-WAY, THE CONTRACTOR SHALL NOTIFY ASPA SIGNAL REPRESENTATIVE.

11. THE CONTRACTOR SHALL PROTECT ALL SIGNAL FACILITIES IN PLACE.

12. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS FOR CONFLICTS WITH EXISTING UTILITIES, SIGNAL CABLES / EQUIPMENT AND/OR OTHER ITEMS THAT MIGHT IMPAIR CONSTRUCTION ACTIVITIES. INCONSISTENCIES FOUND SHALL BE REPORTED TO THE ENGINEER.

13. REPAIRS TO FACILITIES INTENDED TO REMAIN IN PLACE SHALL BE MADE BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE UNLESS OTHERWISE STATED BY THE ENGINEER.

14. FINAL PLACEMENT OF EXCAVATED EXCESS MATERIAL TO BE DETERMINED BY THE ENGINEER.

15. ON-SITE CONSTRUCTION BY OTHERS, INCLUDING ROUTINE MAINTENANCE WORK MAY OCCUR DURING THE CONSTRUCTION PERIOD OF THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES THROUGH THE ENGINEER SO AS TO MINIMIZE INTERFERENCE WITH OTHERS.

16. PRIOR TO COMMENCING WORK, ALL EXISTING SITE CONDITIONS SHALL BE FIELD VERIFIED WITH THE ENGINEER TO ASCERTAIN THE LIMITS OF WORK ACTIVITIES. THE CONTRACTOR SHALL SUBMIT AND RECEIVE THE ENGINEER'S APPROVAL OF THE CONTRACTORS PROJECT SCHEDULE AND OPERATIONS PLAN. EACH ITEM OF WORK SHALL BE DESCRIBED AND ACCOUNTED FOR IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR FURTHER INFORMATION REGARDING SUBMITTAL REQUIREMENTS.

17. RAIL TRAFFIC DISRUPTIONS SHALL BE KEPT TO A MINIMUM. DISRUPTIONS IN RAIL TRAFFIC THAT MAY BE REQUIRED SHALL BE COORDINATED WITH THE ENGINEER BEFOREHAND. NO SUCH WORK SHALL BE COMMENCED WITHOUT THE ENGINEER'S APPROVAL. WORK AFFECTING THE MOVEMENT OF TRAINS WILL BE UNDER THE AUTHORITY AND OVERALL CONTROL OF THE ENGINEER OR HIS REPRESENTATIVE. FREIGHT TRAFFIC MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.

18. THE CONTRACTOR SHALL NOT PLACE MATERIAL AND/OR EQUIPMENT WITHIN 25 FEET OF AN ACTIVE TRACK AT ANY TIME WITHOUT PRIOR APPROVAL OF THE ENGINEER.

19. EXISTING RAILROAD SIGNAGE (INCLUDING SPEED SIGNS) SHALL BE MAINTAINED DURING THE CONSTRUCTION PERIOD. ALL RAILROAD SIGNAGE SHALL BE FULLY RESTORED UPON COMPLETION OF EACH DAYS WORK IN ACCORDANCE WITH ASPA ENGINEERING STANDARDS. PRIOR TO CONSTRUCTION, ASPA STANDARD PROJECT NOTICE SIGNS SHALL BE PLACED AT LOCATIONS AS DIRECTED BY THE ENGINEER.

20. ALL WORK SHALL BE COORDINATED WITH ASPA'S SIGNAL ENGINEER, SIGNAL FORCES AND SIGNAL CONTRACTOR THRU THE ENGINEER. WORK WILL BE PHASED TO EFFECT THE CONTINUED OPERATION OF EXISTING SIGNAL SYSTEM DURING CONSTRUCTION. IN NO INSTANCE MAY WORK PROCEED IN ANY AREA WITHOUT ADVANCE APPROVAL OF ASPA'S SIGNAL ENGINEER. ASPA SHALL LOCATE ALL SIGNAL AND COMMUNICATION CONDUITS, CABLES, WIRES, OR OTHER TRACK, TRACK BED, AND RIGHT-OF-WAY.

21. DESIGN IS BASED ON CSX STANDARDS

22. DIMENSIONS SHOWN IN PARENTHESES INDICATE APPROXIMATE EXISTING DIMENSIONS. WHERE ELEVATIONS ARE SHOWN IN PARENTHESES AT JOIN LOCATIONS, THE CONTRACTOR SHALL VERIFY THESE ELEVATIONS PRIOR TO CONSTRUCTION AND JOIN FEATURES AT EXISTING ELEVATIONS.

23. ALL EXISTING FENCES ALONG THE RIGHT-OF-WAY SHALL BE PROTECTED IN PLACE, UNLESS NOTED OTHERWISE. AT THE OPTION OF THE CONTRACTOR AND WITH THE APPROVAL OF THE ENGINEER, FENCING MAY BE REMOVED TO FACILITATE CONSTRUCTION; HOWEVER, FENCING MUST BE REPLACED, IN KIND, AND THE CONSTRUCTION SITE MUST REMAIN SECURE AT ALL TIMES.

24. DEFINITIONS:
   - A. TRACK OUTAGE: TRACK WHICH IS OUT OF SERVICE FOR A GIVEN PERIOD OF TIME.
   - B. ACTIVE TRACK: TRACK ON WHICH TRAINS ARE OPERATING AND INTERRUPTION OF SERVICE MAY OCCUR ONLY WITHIN AN APPROVED "WINDOW", AS DEFINED BELOW.
   - C. FOULED TRACK: TRACK IS FOULED WHEN AN OBSTRUCTION INCLUDING A WORKING CREW, IS WITHIN 4 FEET FROM THE NEAREST RAIL OR WHEN AN OVERHEAD OBSTRUCTION IS PLACED WITHIN 23'-0" ABOVE THE TOP OF RAIL. WORK MAY BE PERFORMED UNDER THE PROTECTION OF A RAILROAD FLAGMAN.
   - D. WINDOW: A GIVEN PERIOD OF TIME BETWEEN OPERATING TRAINS WHERE A TRACK MAY BE TAKEN OUT OF SERVICE, WITH THE STIPULATION THAT THE TRACK SHALL BE BACK IN SERVICE AT THE END OF THE GIVEN PERIOD OF TIME.

25. SIGNAL LOCATIONS ARE SHOWN ON THIS PLAN FOR REFERENCE. SIGNAL LOCATIONS SHOULD BE CROSS REFERENCED AND CONFIRMED WITH THE PROJECT SIGNAL PLANS PRIOR TO THE START OF CONSTRUCTION.

26. IN THE EVENT THE CONTRACTOR, AS THE WORK PROGRESSES, FINDS ANY DISCREPANCIES BETWEEN THE PLANS AND THE PHYSICAL CONDITION OR ANY ERRORS IN THE PLANS OR LAYOUTS AS GIVEN BY STAKING OR INSTRUCTIONS IT SHALL BE THE CONTRACTOR'S DUTY TO INFORM THE ENGINEER IN WRITING, AND THE ENGINEER SHALL PROMPTLY ARRANGE CORRECTION THEREOF.

27. THE CONTRACTOR SHALL PROVIDE ALL LAYOUT AND CONSTRUCTION STAKING FOR THE ENTIRE PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN AND PRESERVE ALL STAKES AND OTHER MARKS ESTABLISHED, UNTIL AUTHORIZED TO REMOVE THEM.

28. THE CONTRACTOR SHALL VERIFY THE INVERTS, ELEVATIONS AND, LOCATIONS OF ALL EXISTING DRAINAGE FACILITIES, WITHIN THE PROJECT AREA AS DEFINED ON THE CONTRACT DRAWINGS, THAT ARE TO REMAIN AND BE MAINTAINED. EXISTING PIPES AND CULVERTS THAT ARE TO BE MAINTAINED SHALL BE CLEANED AND FLUSHED, AS NECESSARY, TO RESTORE FULL CAPACITY.

29. PIPES AND CULVERTS TO BE ABANDONED SHALL BE CAPPED OR BULK HEADED AT EACH RESPECTIVE LOCATION AND FILLED. ALL ABANDONED DRAINAGE FACILITIES WILL BE RECORDED ON AS- BUILT DRAWINGS.

30. THE CONTRACTOR SHALL COORDINATE WITH THE GOVERNING MUNICIPALITY AND STATE AGENCY FOR EACH GRADE CROSSING LOCATION AND OBTAIN ALL PERMITS REQUIRED FOR THE WORK. THE CONTRACTOR SHALL COMPLY WITH THE CONSTRUCTION STANDARDS OF THE GOVERNING MUNICIPALITIES AND STATE AGENCY.

31. ON MULTIPLE TRACK GRADE CROSSINGS THE CONTRACTOR SHALL MAINTAIN RAIL TRAFFIC, OVER AT LEAST ONE TRACK, AS DESIGNATED BY ASPA, DURING GRADE CROSSING RECONSTRUCTION.

32. ROADWAY DISRUPTIONS SHALL BE KEPT TO A MINIMUM, DURING CONSTRUCTION. ALL LANE CLOSURES AT GRADE CROSSING SHALL BE COORDINATED, BEFOREHAND, WITH THE CITY AND/OR AGENCIES HAVING JURISDICTION AND INDUSTRIES USING THE GRADE CROSSING FOR ACCESS. THE ENGINEER SHALL BE KEPT FULLY INFORMED AS TO SUCH REQUESTS FOR CLOSURE.

33. ALL MAPPING AND SURVEY INFORMATION WAS DEVELOPED USING THE ALABAMA STATE PLANE COORDINATE SYSTEM (NAD 83). THE VERTICAL DATUM FOR SURVEY DEVELOPED FOR THE DESIGN PROJECT IS BASED ON NAVD 88.

34. RIGHT-OF-WAY AND PARCEL BOUNDARY INFORMATION REPRESENTED ON THESE DRAWINGS IS BASED ON MOBILE COUNTY GIS.

35. UTILITY INFORMATION WAS OBTAINED FROM AVAILABLE RECORDS. LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND SUBJECT TO FIELD VERIFICATION. PRIMARY SOURCES OF UTILITY INFORMATION INCLUDE:
   1. DIRECT CONTACT WITH PUBLIC AND PRIVATE UTILITY OWNERS

36. AS INDICATED ON THE DRAWINGS, THE PROJECT SITE IS TRAVERSED BY VARIOUS UNDERGROUND AND OVERHEAD UTILITY LINES, INCLUDING BUT NOT LIMITED TO UNDER- GROUND GAS LINES, UNDERGROUND FIBER OPTIC LINES, UNDERGROUND WATER LINES, UNDERGROUND SEWER LINES, UNDERGROUND STORM WATER LINES, UNDERGROUND SIGNAL LINES, OVERHEAD ELECTRIC LINES, OVERHEAD TELEPHONE LINES AND OVERHEAD FIBER OPTIC LINES. THESE FACILITIES SHALL EITHER REMAIN IN PLACE AND SHALL BE PROTECTED BY THE CONTRACTOR WHILE THE WORK OF THE CONTRACT IS IN PROGRESS, OR BE RELOCATED, MODIFIED OR REMOVED IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS AND AGREEMENTS BETWEEN ASPA TRANSPORATION AND INDIVIDUAL UTILITY AGENCIES.

37. STANDARD METHODS AND RECORDS AVAILABLE AS OF THE DATE OF THESE DRAWINGS HAVE BEEN UTILIZED TO CONFIRM THE EXISTENCE OF UTILITIES SHOWN ON THESE DRAWINGS. THE INDICATED LOCATIONS OF THESE UTILITIES ARE APPROXIMATE AND MAY NOT BE ACCURATE. THE LOCATION AND DEPTH OF ALL UTILITIES IN THE VICINITY OF NEW CONSTRUCTION IS TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF CONFLICTS ARE FOUND.

38. THE CONTRACTOR SHALL ENSURE THAT REQUIRED NOTIFICATION IS PROVIDED TO APPROPRIATE UTILITY COMPANIES PRIOR TO EXCAVATION OR OTHER WORK WHICH MAY AFFECT UTILITY COMPANY FACILITIES.

39. THE PROJECT CONTRACTOR SHALL NOTIFY THE ALABAMA 811 PRIOR TO CONSTRUCTION ACTIVITY

40. FIBER OPTIC CABLES AND MARKERS SHALL BE PROTECTED IN PLACE BY CONTRACTOR UNLESS OTHERWISE NOTED. ALL RELOCATION/REMOVAL OF FIBER OPTIC CABLES OR MARKERS TO BE PER THE OWNER'S FORCES.

41. ALL ORGANIC MATERIAL AND TOPSOIL IS TO BE STRIPPED FROM THE FOOTPRINT OF ALL PROPOSED FILL AND TRACK CONSTRUCTION AREAS.

42. MAXIMUM TRAIN OPERATING SPEED = 15MPH

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

REV	DATE	DESCRIPTION	BY / SUB	APP
		ISSUE FOR 30% PLANS		

DESIGNED BY J. ROCKWELL
DRAWN BY J. ROCKWELL
CHECKED BY K. LAGRECA
APPROVED BY K. LAGRECA
DATE DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT of MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO. XX
DRAWING NO. CG-03
REVISION 1
SHEET NO. 3 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

GENERAL NOTES

– ABBREVIATIONS –

&	AND
@	AT
°	DEGREE(S)
'	FOOT or FEET or MINUTE(S)
"	INCH or INCHES or SECOND(S)
%	PERCENT
#	POUND or NUMBER
△	DELTA or CENTRAL ANGLE OF CIRCULAR CURVE
△c	CENTRAL ANGLE (CURVE)
△s	CENTRAL ANGLE (SPIRAL)

– A –

ABAN	ABANDONED
AC	ASPHALT CONCRETE
AIRX	COMPRESSED AIR
AMTRAK	NATIONAL RAILROAD PASSENGER CORPORATION
AP	ANGLE POINT
APE	AREA OF POTENTIAL EFFECT
APPROX	APPROXIMATELY
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
AREMA	AMERICAN RAILWAY ENGINEERING AND MAINTENANCE-OF-WAY ASSOCIATION
ASPA	ALABAMA STATE PORT AUTHORITY
ATR	ABOVE TOP OF RAIL
AVE	AVENUE

– B –

BC	BEGINNING OF CURVE
BCR	BEGINNING OF CURB RETURN (CLOCKWISE)
BLVD	BOULEVARD
BM	BENCHMARK
BNSF	BURLINGTON NORTHERN SANTA FE RAILWAY
BOC	BACK OF CURB
BOCT	BALTIMORE AND OHIO CHICAGO TERMINAL RAILROAD COMPANY, THE
BOW	BACK OF WALK
BR	BRIDGE
BTR	BELOW TOP OF RAIL

– C –

C	CASING
C	CONDUIT
C&G	CURB AND GUTTER
C&S	COMMUNICATIONS & SIGNALS
C/C	CENTERLINE-TO-CENTERLINE
C/L OR ℄	CENTERLINE
CANT	CANTILEVER
CANT-FLS&G	CANTILEVER FLASHING LIGHTS & GATES
CB	CATCH BASIN
CC	CENTER OF CURVE
CF	CURB FACE
CFLS&G	CANTILEVER FLASHING LIGHTS & GATES
CIP	CAST IN PLACE
CIP	CAST IRON PIPE
CJ	CONTROL JOINT or WEAKENED-PLANE JOINT
CLR	CLEAR or CLEARANCE
CMB	CRUSHED MISCELLANEOUS BASE
CMP	CORRUGATED METAL PIPE
CNTY	COUNTY
CO	COUNTY
CONC	CONCRETE
CONRAIL	CONSOLIDATED RAIL CORPORATION
CORR	CORRUGATED
CP	CONTROL POINT
CR	COUNTY ROAD
CS	CURVE TO SPIRAL
CSDG	CONTROLLED SIDING
CSX	CSX TRANSPORTATION, INC.
CSXT	CSX TRANSPORTATION, INC.
CT	CONCRETE TIES
CT	CURVE TO TANGENT
CTLVR	CANTILEVER
CTV	CABLE TELEVISION

– D –

Dc	DEGREE OF CURVE
DD	DEFECT DETECTOR
DED	DRAGGING EQUIPMENT DETECTOR
DESC	DESCRIPTION
DGA	DENSE GRADED AGGREGATE
DI	DROP INLET
DI	DUCTILE IRON
DIP	DUCTILE IRON PIPE
DIV	DIVISION
DOT	DEPARTMENT OF TRANSPORTATION
DR	DRIVE
DS	DESIGN SPEED
DTMF	DUAL TONE MULTI-FREQUENCY (RADIO)
DU	DUCT
DWG	DRAWING

– E –

E	EAST or EASTING
E	ELECTRIC
E	EXTERNAL DISTANCE
e.g.	FOR EXAMPLE
E/o	EAST OF
Ea	SUPERELEVATION, ACTUAL
EB	EASTBOUND
EBM	EASTBOUND MAIN (TRACK)
EC	END OF CURVE
Ec	EXTERNAL DISTANCE (CURVE)
ECR	END OF CURB RETURN (CLOCKWISE)
EE	EAST END
EF	EACH FACE
EGL	ENERGY GRADE LINE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEV	ELEVATION
E'LY	EASTERLY
EMPA	EXCESS MATERIAL PLACEMENT AREA
EOT	END OF TRACK
EQ	EQUAL or EQUATION
EQAHD	EQUATION AHEAD
EQBK	EQUATION BACK
Es	EXTERNAL DISTANCE (SPIRALED CURVE)
Eu	SUPERELEVATION, UNBALANCED
EW	EACH WAY
EX or EXIST	EXISTING
EXMT or EMT	EXISTING MAIN TRACK (SINGLE MAIN)
EMT1	EXISTING MAIN TRACK 1
EMT2	EXISTING MAIN TRACK 2
EXPWY	EXPRESSWAY

– F –

F	FREIGHT
FBW	FACE OF BACKWALL (BRIDGE)
FH	FIRE HYDRANT
FL	FLOW LINE
FLS	FLASHING LIGHTS
FO	FIBER OPTIC
FOC	FIBER OPTIC CABLE
FS	FINISHED SURFACE
FT	FOOT or FEET

– G –

G	GAS
G	GRADE
G1	GRADE ENTERING VERTICAL CURVE
G2	GRADE EXITING VERTICAL CURVE
ga	GAGE
GATES	FLASHING LIGHTS & GATES
GB	GRADE BREAK
GL	GASOLINE
GM	GAS METER
GRD	GRADE or GROUND
GV	GAS VALVE

– H –

HBD	HOT BOX DETECTOR
HDPE	HIGH DENSITY POLYETHYLENE (PIPE)
HGL	HYDRAULIC GRADE LINE
HORIZ	HORIZONTAL
HP	HIGH POINT OR HIGH PRESSURE
HWY	HIGHWAY

– I –

I	INTERSTATE HIGHWAY
I	TOTAL CENTRAL ANGLE (FULL CURVE INCL SPRIALS)
INV	INVERT
IRR	IRRIGATION

– J –

JCT	JUNCTION
JT	JOINT

– K –

(BLANK)

– L –

L	LEFT or LENGTH
Lc	LENGTH OF CURVE
LF	LINEAR FOOT or LINEAR FEET
LG	LIP OF GUTTER
LH	LEFT HAND
LLT	LAST LONG SWITCH TIE
LP	LOW POINT
Ls	LENGTH OF SPIRAL
LT	LEFT

– M –

MAIN	MAIN TRACK
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MP	MILEPOST
MPH	MILES PER HOUR
MT	MAIN TRACK (SINGLE MAIN)
MT1	MAIN TRACK 1
MT2	MAIN TRACK 2
MTD	MULTIPLE TILE DUCT
MWI	MAINTENANCE OF WAY INSTRUCTIONS (CSX)

– N –

N	NORTH or NORTHING
N/o	NORTH OF
NB	NORTHBOUND
NBM	NORTHBOUND MAIN (TRACK)
NE	NORTH END or NORTHEAST
N'LY	NORTHERLY
NO	NUMBER or NORTHERN
NS	NORFOLK SOUTHERN
NSRY	NORFOLK SOUTHERN RAILWAY
NTS	NOT TO SCALE
NW	NORTHWEST

– O –

O	OIL
O. TO O.	OUT-TO-OUT
O.C.	ON CURB
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OHB	OVERHEAD BRIDGE
OOS	OUT-OF-SERVICE
OP	OVERPASS
OPP	OPPOSITE
OTM	OTHER TRACK MATERIAL

– P –

P	PETROLEUM
P or PSGR	PASSENGER
P/L	PROPERTY LINE
PB	PULL BOX
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PED	PEDESTRIAN
PETRO	PETROLEUM
PI	POINT OF INTERSECTION
PIP	PROTECT IN PLACE
PITO	POINT OF INTERSECTION OF TURNOUT
PKWY	PARKWAY
PMT	PROPOSED MAIN TRACK (SINGLE MAIN)
PMT1	PROPOSED MAIN TRACK 1
PMT2	PROPOSED MAIN TRACK 2
POB	POINT OF BEGINNING
POC	POINT ON CURVE
POE	POINT OF ENDING
POT	POINT ON TANGENT
PRC	POINT OF REVERSE CURVATURE
PR or PROP	PROPOSED
PS	POINT OF SWITCH
PT	POINT OF TANGENT
PUC	PUBLIC UTILITIES COMMISSION
PVC	POINT OF VERTICAL CURVE
PVC	POLYVINYL CHLORIDE (PIPE)
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
PVT	PRIVATE

– Q –

(BLANK)

– R –

R	RIGHT or RADIUS or RATE OF CHANGE
R/C	RAIL CHANGE
R/W	RIGHT-OF-WAY
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RH	RIGHT HAND
ROW	RIGHT-OF-WAY
RPM	RAISED PAVEMENT MARKER
RR	RAILROAD
RT	RIGHT
RW	RECLAIMED WATER
RWY	RAILWAY

– S –

S	SOUTH
S/o	SOUTH OF
SB	SUBBASE
SB	SOUTHBOUND
SBM	SOUTHBOUND MAIN (TRACK)
SC	SPIRAL TO CURVE
SD	SUBDIVISION
SDG	SIDING
SDMH	STORM DRAIN MANHOLE
SE	SOUTH END or SOUTHEAST
SF	SQUARE FOOT or SQUARE FEET
SIG	SIGNAL
SL	STREET LIGHT
S'LY	SOUTHERLY
SMH	SANITARY SEWER MANHOLE
SO	SOUTHERN
SS	SANITARY SEWER
SSDG	SIGNALED SIDING
SSMH	SANITARY SEWER MANHOLE
ST	SPIRAL TO TANGENT
ST	STREET
STA	STATION
STD	STANDARD
STM	STEAM
SUB	SUBDIVISION
SUBDIV	SUBDIVISION
SW	SOUTHWEST
SWK	SIDEWALK

– T –

T	TANGENT
T	TELEPHONE
TAN	TANGENT
TC	TANGENT TO CURVE
TC	TRACK CENTERS or TOP OF CURB
TF	TRACK FOOT or TRACK FEET
TG	TOP OF GRATE
TGC	THE GAS COMPANY
TL	TOTAL LENGTH
TO or T.O.	TURNOUT
TOR or T/R	TOP OF RAIL
TRK	TRACK
TRR	TERMINAL RAILWAY ALAAMA STATE DOCKS
Ts	LENGTH OF SPIRAL
TS	SUBTANGENT DISTANCE
TS	TANGENT TO SPIRAL
TS	TRAFFIC SIGNAL
TT	(TIMBER) TRANSITION TIES
TT	TIMETABLE
TTS	TIMETABLE SPEED
TYP	TYPICAL

– U –

UD	UNDERDRAIN
UNK	UNKNOWN
UNO	UNLESS NOTED OTHERWISE
UP	UNDERPASS
UPRR	UNION PACIFIC RAILROAD
US	UNITED STATES

– V –

V	VELOCITY
VAL MAP	VALUATION MAP
VAL SEC	VALUATION SECTION
VAL STA	VALUATION STATION
VAL	VALUATION MAP OR STATION
VAR	VARIES
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VS	VALUATION STATION

– W –

W	WEST
W	WATER
W/o	WEST OF
WB	WESTBOUND
WBM	WESTBOUND MAIN (TRACK)
WE	WEST END
WGT	WEIGHT
WKWY	WALKWAY
W'LY	WESTERLY
WM	WATER METER
WPJ	WEAKENED-PLANE JOINT
WV	WATER VALVE
WYE	WYE TRACK

– X –

XB	CROSSBUCKS
XING	CROSSING
XO	CROSSOVER
XO1	CROSSOVER 1
XO2	CROSSOVER 2

– Y –

YD	YARD
YL	YARD LIMITS

– Z –

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Pen Table File
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$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR
30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

POINT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO.	XX
DRAWING NO.	CG-04
REVISION	1
SHEET NO.	4 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

ABBREVIATIONS

CONSTRUCTION

	EXISTING	PROPOSED	RETIRE /REMOVE
ASPHALT			
ACCESS ROAD (SUBBALLAST)			
PAVEMENT			
ASPHALT OVERLAY ON EXISTING PAVEMENT			
BALLAST			
CONCRETE			
CONCRETE PANELS			
SUBGRADE EARTH			
TIMBER			
FENCE			
HEADWALL			
MEDIAN ISLAND BARRIER			
WETLANDS			
WETLAND DELINEATION FLAG			
SOIL BORING LOCATION			
RAILROAD CROSSING SYMBOL			
POINT OF VERTICAL INTERSECTION			
WHITE STOP LINE			
TEMPORARY CONSTRUCTION EASEMENT			
DITCH FLOW LINE			
LIMIT OF DISTURBANCE			
GRADING LIMIT FILL	FILL	FILL	
GRADING LIMIT CUT	CUT	CUT	
RETAINING WALL			

CROSSINGS & CULVERTS

	EXISTING	PROPOSED	RETIRE
XING AT GRADE			
OVERHEAD BRIDGE			
RR OVER BRIDGE			
RR TUNNEL			
CULVERT			

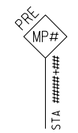
RAILROAD ASSETS

	EXISTING	PROPOSED	RETIRE
TRACK			
TRACK (FUTURE)			
TRACK (MOW)			
TRACK TO REHAB			
TRACK TO BE RAISED			
TRACK TO BE SHIFTED			
FOREIGN RR TRACK			
RIGHT-OF-WAY			
POINT OF SWITCH (MANUAL)			
POINT OF SWITCH (DTMF)			
POINT OF SWITCH (POWER)			
CROSSOVER MANUAL			
CROSSOVER POWER			
TURNOUT MANUAL			
TURNOUT POWER			
TURNOUT POWER (DTMF)			
DERAIL			
DEFECT DETECTOR	DD	DD	DD
FLANGE LUBRICATOR			
SIGNPOST			
BUMPING POST			
HIGHSTAND ABSOLUTE SIGNALS			
DWARF ABSOLUTE SIGNALS			
OVERHEAD ABSOLUTE SIGNALS			
HIGHSTAND INTERMEDIATE SIGNALS			
DWARF INTERMEDIATE SIGNALS			
OVERHEAD INTERMEDIATE SIGNALS			
DTMF SIGNAL INDICATORS			
SIGNAL HOUSE			
CROSSING FLASHING LIGHT SIGNAL (FLS)			
CROSSING GATE			
CROSSING FLASHING LIGHT SIGNAL & GATE			
CROSSING CANTILEVER WITH DUAL FLS			
CROSSING CANTILEVER WITH FLS			

STATIONING & MILEPOST

STATION EQUATION SYMBOL

MILEPOST

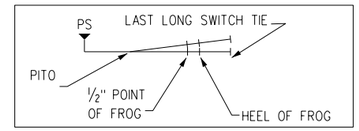


CURVE DATA

CURVE C-00	
Dc =	1°23'45"
I =	1°23'45"
R =	1,234.56'
Lc =	123.45'
Eq =	1"
Ls =	31'
DS =	25 MPH (F) 30 MPH (P)

CURVE NUMBER
DEGREE OF CURVE
TOTAL CENTRAL ANGLE, INCL SPIRALS
RADIUS
TOTAL LENGTH OF CURVE, INCL SPIRALS
SUPERELEVATION, ACTUAL
LENGTH OF SPIRAL
DESIGN SPEED (F) FREIGHT, (P) PASSENGER

TYPICAL TURNOUT COMPONENTS



UTILITIES

		EXISTING	PROPOSED
ABAN	ABANDONED UTILITY	Aban	Aban
AIRX	COMPRESSED AIR	Air	Air
CTV	CABLE TELEVISION	CTV	CTV
C&S	COMMUNICATIONS & SIGNALS	C&S	C&S
C	CASING		
ELEC	ELECTRIC	Elec	Elec
FO	FIBER OPTIC	FO	FO
G	GAS	G	G
GL	GASOLINE	GL	GL
IRR	IRRIGATION	IRR	IRR
OIL	OIL	Oil	Oil
X	OVERHEAD LINE (TYP E,T OR TV)	XX(OH)	XX(OH)
P	PETROLEUM	P	P
PVC	PVC (DRAIN)	PVC	PVC
RW	RECLAIMED WATER	RW	RW
SD	STORM DRAIN	SD	SD
SS	SANITARY SEWER	SS	SS
STM	STEAM	Stm	Stm
SL	STREET LIGHT	SL	SL
T	TELEPHONE	T	T
TS	TRAFFIC SIGNAL	TS	TS
UD	PERFORATED UNDERDRAIN (PVC)	UD	UD
UNK	UNKNOWN UTILITY	UNK	UNK
W	WATER	W	W

Pen Table File
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$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR
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TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO.	XX
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SHEET NO.	5 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

SYMBOLS

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH

N

THIRTEENTH ST
TWELFTH ST
ELEVENTH ST
STATE DOCKS RD
THREEMILE CREEK
INDUSTRIAL CANAL RD
℄ YARD TRACK 30-32
RPL-01
RPL-02
RPL-03
RPL-04
RPL-05
RPL-06
10+00
15+00
20+00
25+00
30+00
35+00
40+00
45+00
50+00
55+00
60+00
INDUSTRIAL CANAL RD
℄ YARD TRACK 1-9
THREEMILE CREEK
INDUSTRIAL CANAL RD W
TELEGRAPH RD
I-165
I-165
CONCEPTION STREET RD

100' 0 200' 400'
GRAPHIC SCALE: 1" = 200'

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$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

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Information confidential all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Alabama State Port Authourity (ASPA) and shall be held confidential and shall not be used for any purpose not provided for in agreements with ASPA.

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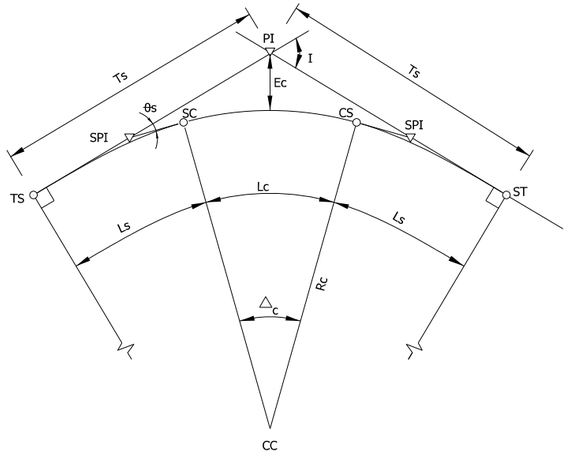
Colliers Engineering & Design

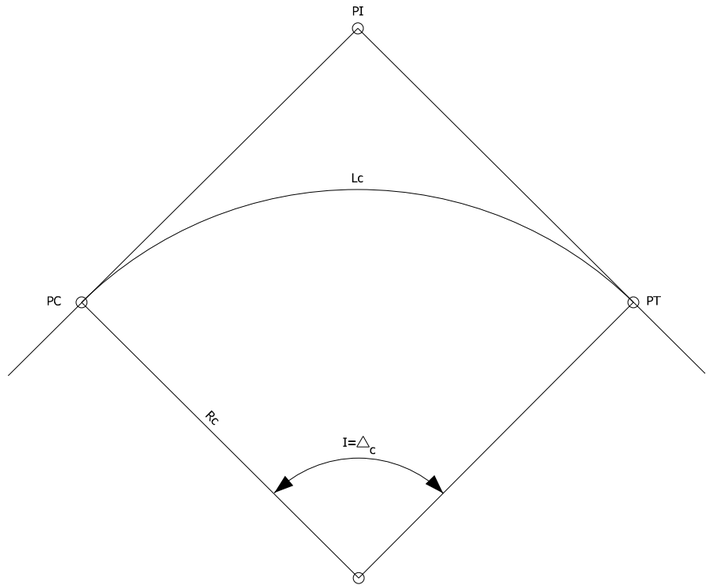
CONTRACT NO.	XX
DRAWING NO.	CG-06
REVISION	1
SHEET NO.	6 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

KEY MAP

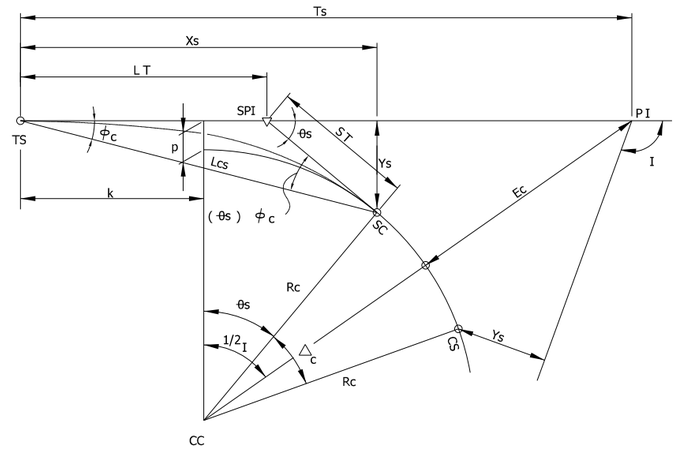


SPIRALED CURVE DIAGRAM



CENTER OF CURVE

SIMPLE CIRCULAR CURVE



PARTS OF THE SPIRAL & OSCULATING CIRCLE

DEFINITIONS AND ABBREVIATIONS

- D_C - DEGREE OF CURVE IN NOMINAL CHORD DEFINITION IN DECIMAL DEGREES
- Θ_S - CENTRAL ANGLE OF SPIRAL ARC, LS, CALLED SPIRAL ANGLE, IN DECIMAL DEGREES
- R_C - RADIUS OF CURVE IN FEET
- I - TOTAL CENTRAL ANGLE OF CIRCULAR CURVE AND SPIRALS IN DECIMAL DEGREES
- L_C - LENTH OF CIRCLUAR CURVE IN CHORD DEFINITION
- L_{CHD} - LONG CHORD OF CIRCULAR CURVE
- L_S - TOTAL LENGTH OF SPIRAL ALONG ITS ARC FROM TS TO ST IN FEET
- $\triangle_C$ - CENTRAL ANGLE OF CIRCULAR CURVE IN FEET
- T_S - TOTAL TANGENT DISTANCE, THE DISTANCE FROM TS TO PI OR PI TO ST, IN FEET
- E_c - TOTAL EXTERNAL DISTANCE IN FEET
- Φ_C - SPIRAL DEFLECTION ANGLE AT THE TS FROM INTIAL TANGENT TO SC
- X_S - DISTANCE FROM TS TO SC OR CS TO ST PROJECTED ON TANGENT IN FEET
- Y_S - DISTANCE FROM TS TO SC OR CS TO ST PERPENDICULAR TO THE TANGENT IN FEET
- P - OFFSET FROM THE INITIAL TANGENT TO THE PC, OF THE SHIFTED CIRCLE IN FEET
- K - ABSCISSA OF THE SHIFTED PC REFERRED TO THE TS IN FEET
- SPI - SPIRIAL POINT OF INTERSECTION
- TS - POINT OF CHANGE FROM TANGENT TO SPIRAL
- CC - POINT OF CURVE CENTER
- SC - POINT OF CHANGE FROM SPIRAL TO CIRCLE
- CS - POINT OF CHANGE FROM CIRCLE TO SPIRAL
- ST - POINT OF CHANGE FROM SPIRAL TO TANGENT
- PC - POINT OF CURVE OF THE SHIFTED CIRCLE
- PT - POINT OF TANGENCY OF THE SHIFTED CIRCLE
- PI - POINT OF INTERSECTION OF MAIN TANGENTS
- L_{CS} - LONG CHORD OF THE SPIRAL, STRAIGHT LINE DISTANCE FROM TS TO SC OR CS TO ST
- L_T - LONG TANGENT OF THE SPIRAL
- S_T - SHORT TANGENT OF THE SPRIAL

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$TIME$
$DATE$

PROJECT NUMBER | COST ELEMENT | LINE ITEM | CONTRACT DESIGNATOR | PHYSICAL ENTITY | WORK ELEMENT

ISSUE FOR
30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY J. ROCKWELL
DRAWN BY J. ROCKWELL
CHECKED BY K. LAGRECA
APPROVED BY K. LAGRECA
DATE DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT of MOBILE ALABAMA PORT AUTHORITY

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CONTRACT NO. XX
DRAWING NO. RT-01
REVISION 1 | SHEET NO. 7 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK GEOMETRY HORIZONTAL CURVE LAYOUT

ASPA TRACK 1 TRACK GEOMETRY TABLE

STATIONING DATA							INPUT DATA						CURVE DATA				SPIRAL DATA							
CURVE NO.	DESC	BEARING	DISTANCE FEET	STATION	NORTHING	EASTING	Dc DEGREES	Ea INCHES	Eu INCHES	Ds MPH	Ls FEET	I DEGREES	RADIUS FEET	DELTA DEGREES	Lc FEET	T FEET	THETA DEGREES	X FEET	Y FEET	P FEET	K FEET	LT FEET	ST FEET	Ts FEET
	POB			13+19.11	263834.8028	1794624.2396																		
		S 02°26'55.01" E	528.90																					
	PC			18+48.02	263306.3816	1794646.8361																		
1																								
	PI			19+05.27	263249.1804	1794649.2822	10°00'00.00"						573.68	11°23'54.33" LT	113.94	57.25								
		S 13°50'49.34" E	113.94																					
	PT			19+62.00	263193.5911	1794662.9846																		
		S 13°50'49.34" E	1713.93																					
	PC			36+94.10	261529.4748	1795073.1797																		
2																								
	PI			39+45.88	261285.0086	1795133.4392	03°00'00.00"						1910.08	15°01'07.29" LT	499.25	251.78								
		S 28°51'56.62" E	499.25																					
	PT			41+94.72	261064.5079	1795254.9901																		
		S 28°51'56.62" E	1213.97																					
	PC			54+24.53	260001.3720	1795841.0432																		
3																								
	PI			54+58.56	259971.5690	1795857.4721	10°00'00.00"						573.69	06°47'22.75" LT	67.94	34.03								
		S 35°39'19.38" E	67.94																					
	PT			54+92.43	259943.9173	1795877.3093																		
		S 35°39'19.38" E	181.75																					
	POE			56+74.18	259796.2364	1795983.2544																		

Pen Table File
$TIME$
$DATE$

WORK ELEMENT	PHYSICAL ENTITY	CONTRACT DESIGNATOR	LINE ITEM	COST ELEMENT	PROJECT NUMBER

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Colliers Engineering & Design

CONTRACT NO. XX
DRAWING NO. RT-02
REVISION 1
SHEET NO. 8 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK GEOMETRY TABLE - SHEET 1 OF 12

ASPA TRACK 2 TRACK GEOMETRY TABLE

STATIONING DATA							INPUT DATA						CURVE DATA				SPIRAL DATA							
CURVE NO.	DESC	BEARING	DISTANCE FEET	STATION	NORTHING	EASTING	Dc DEGREES	Ea INCHES	Eu INCHES	Ds MPH	Ls FEET	I DEGREES	RADIUS FEET	DELTA DEGREES	Lc FEET	T FEET	THETA DEGREES	X FEET	Y FEET	P FEET	K FEET	LT FEET	ST FEET	Ts FEET
	POB			14+69.48	263684.6747	1794615.6457																		
		S 02°26'54.16" E	382.31																					
	PC			18+51.80	263302.7115	1794631.9778																		
1																								
	PI			19+07.51	263247.0527	1794634.3577	10°16'41.03"						558.21	11°23'55.17" LT	110.87	55.71								
		S 13°50'49.34" E	110.87																					
	PT			19+62.70	263192.9621	1794647.6907																		
		S 13°50'49.34" E	1718.95																					
	PC			36+96.10	261523.9654	1795059.0888																		
2																								
	PI			39+47.89	261279.4988	1795119.3484	3°00'00.00"						1910.08	15°01'07.29" LT	499.25	251.78								
		S 28°51'56.62" E	499.25																					
	PT			41+96.73	261058.9981	1795240.8992																		
		S 28°51'56.62" E	1218.83																					
	PC			54+31.48	259991.6040	1795829.2997																		
3																								
	PI			54+94.38	259936.5171	1795859.6664	10°00'00.00"						573.69	12°30'52.24" LT	125.06	62.90								
		S 41°22'48.86" E	125.06																					
	PT			55+56.62	259889.3189	1795901.2482																		
		S 41°22'48.86" E	155.33																					
	POE			57+11.95	259772.7705	1796003.9281																		

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

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30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

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Colliers Engineering & Design

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SHEET NO. 9 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK GEOMETRY TABLE - SHEET 2 OF 12

ASPA TRACK 3 TRACK GEOMETRY TABLE

STATIONING DATA							INPUT DATA						CURVE DATA				SPIRAL DATA							
CURVE NO.	DESC	BEARING	DISTANCE FEET	STATION	NORTHING	EASTING	Dc DEGREES	Ea INCHES	Eu INCHES	Ds MPH	Ls FEET	I DEGREES	RADIUS FEET	DELTA DEGREES	Lc FEET	T FEET	THETA DEGREES	X FEET	Y FEET	P FEET	K FEET	LT FEET	ST FEET	Ts FEET
	POB			16+19.85	263534.5467	1794607.0518																		
		S 02°26'55.01" E	234.18																					
	PC			18+54.03	263300.5804	1794617.0568																		
1																								
	PI			19+09.76	263244.9074	1794619.4375	10°16'30.83"						558.36	11°23'54.33" LT	110.90	55.72								
		S 13°50'49.34" E	110.90																					
	PT			19+64.96	263190.8030	1794632.7739																		
		S 13°50'49.34" E	1722.40																					
	PC			36+98.02	261518.4556	1795044.9979																		
2																								
	PI			39+49.80	261273.9890	1795105.2575	03°00'00.00"						1910.08	15°01'07.29" LT	499.25	251.78								
		S 28°51'56.62" E	499.25																					
	PT			41+98.64	261053.4884	1795226.8084																		
		S 28°51'56.62" E	1222.45																					
	PC			54+36.57	259982.9223	1795816.9574																		
3																								
	PI			54+99.48	259927.8353	1795847.3240	10°00'00.00"						573.69	12°30'52.24" LT	125.06	62.90								
		S 41°22'48.86" E	125.06																					
	PT			55+61.72	259880.6372	1795888.9058																		
		S 41°22'48.86" E	218.82																					
	POE			57+80.54	259716.4465	1796033.5588																		

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

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ALABAMA STATE PORT AUTHORITY

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Colliers Engineering & Design

CONTRACT NO. XX
DRAWING NO. RT-04
REVISION 1
SHEET NO. 10 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK GEOMETRY TABLE - SHEET 3 OF 12

ASPA TRACK 4 TRACK GEOMETRY TABLE

STATIONING DATA							INPUT DATA						CURVE DATA				SPIRAL DATA							
CURVE NO.	DESC	BEARING	DISTANCE FEET	STATION	NORTHING	EASTING	Dc DEGREES	Ea INCHES	Eu INCHES	Ds MPH	Ls FEET	I DEGREES	RADIUS FEET	DELTA DEGREES	Lc FEET	T FEET	THETA DEGREES	X FEET	Y FEET	P FEET	K FEET	LT FEET	ST FEET	Ts FEET
	POB			17+70.23	263384.4187	1794598.4580																		
		S 02°26'55.01" E	84.52																					
	PC			18+54.76	263299.9722	1794602.0691																		
1																								
	PI			19+12.01	263242.7710	1794604.5152	10°00'00.00"						573.68	11°23'54.33" LT	113.94	57.25								
		S 13°50'49.34" E	113.94																					
	PT			19+68.74	263187.1816	1794618.2176																		
		S 13°50'49.34" E	1724.35																					
	PC			36+99.74	261512.9459	1795030.9071																		
2																								
	PI			39+51.52	261268.4792	1795091.1667	03°00'00.00"						1910.08	15°01'07.29" LT	499.25	251.78								
		S 28°51'56.62" E	499.25																					
	PT			42+00.36	261047.9786	1795212.7175																		
		S 28°51'56.62" E	1239.51																					
	PC			54+55.67	259962.4740	1795811.1014																		
3																								
	PI			55+47.77	259881.8241	1795855.5596	10°00'00.00"						573.69	18°14'21.72" LT	181.86	92.09								
		S 47°06'18.35" E	181.86																					
	PT			56+38.07	259819.1411	1795923.0266																		
		S 47°06'18.35" E	332.52																					
	PC			60+96.43	259510.1871	1796255.5599																		
4																								
	PI			61+61.00	259466.2401	1796302.8610	10°15'00.00"						559.73	13°09'36.58" RT	128.56	64.57								
		S 151°47'35.22" E	31.27																					
	PT			62+25.00	259412.6781	1796338.9142																		
	POE			63+48.09	259308.9479	1796404.9670																		

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR
30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY J. ROCKWELL
DRAWN BY J. ROCKWELL
CHECKED BY K. LAGRECA
APPROVED BY K. LAGRECA
DATE DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT of MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO. XX
DRAWING NO. RT-05
REVISION 1
SHEET NO. 11 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK GEOMETRY TABLE - SHEET 4 OF 12

ASPA TRACK 5 TRACK GEOMETRY TABLE

STATIONING DATA							INPUT DATA						CURVE DATA				SPIRAL DATA							
CURVE NO.	DESC	BEARING	DISTANCE FEET	STATION	NORTHING	EASTING	Dc DEGREES	Ea INCHES	Eu INCHES	Ds MPH	Ls FEET	I DEGREES	RADIUS FEET	DELTA DEGREES	Lc FEET	T FEET	THETA DEGREES	X FEET	Y FEET	P FEET	K FEET	LT FEET	ST FEET	Ts FEET
	POB			20+15.47	263140.0745	1794605.1109																		
		S 13°50'49.34" E	1684.91																					
	PC			37+03.35	261504.1302	1795008.3617																		
1																								
	PI			39+55.14	261259.6636	1795068.6213	03°00'00.00"						1910.08	15°01'07.29" LT	499.25	251.78								
		S 28°51'56.62" E	499.25																					
	PT			42+03.98	261039.1630	1795190.1722																		
		S 28°51'56.62" E	1246.53																					
	PC			54+63.31	259947.5139	1795791.9432																		
2																								
	PI			55+55.41	259866.8639	1795836.4014	10°00'00.00"						573.69	18°14'21.72" LT	181.86	92.09								
		S 27°06'18.35" E	181.86																					
	PT			56+45.71	259804.1810	1795903.8684																		
		S 27°06'18.35" E	348.38																					
	POE			59+97.58	259567.0567	1796159.0899																		

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR
30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

DESIGNED BY J. ROCKWELL
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DATE DECEMBER 15, 2023

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ALABAMA STATE PORT AUTHORITY

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CONTRACT NO. XX
DRAWING NO. RT-06
REVISION 1
SHEET NO. 12 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK GEOMETRY TABLE - SHEET 5 OF 12

ASPA TRACK 6 TRACK GEOMETRY TABLE

STATIONING DATA							INPUT DATA						CURVE DATA				SPIRAL DATA							
CURVE NO.	DESC	BEARING	DISTANCE FEET	STATION	NORTHING	EASTING	Dc DEGREES	Ea INCHES	Eu INCHES	Ds MPH	Ls FEET	I DEGREES	RADIUS FEET	DELTA DEGREES	Lc FEET	T FEET	THETA DEGREES	X FEET	Y FEET	P FEET	K FEET	LT FEET	ST FEET	Ts FEET
	POB			21+65.84	262991.2091	1794626.3564																		
		S 13°10'49.34" E	1537.26																					
	PC			37+05.29	261498.6204	1794994.2708																		
1	PI			39+57.07	261254.1538	1795054.5305	03°00'00.00"						1910.08	15°01'07.29" LT	499.25	251.78								
		S 28°51'56.62" E	499.25																					
	PT			42+05.91	261033.6532	1795176.0813																		
		S 28°51'56.62" E	1250.91																					
	PC			54+66.50	259938.1638	1795779.9693																		
2	PI			55+58.60	259857.5138	1795824.4275	10°00'00.00"						573.69	18°14'21.72" LT	181.86	92.09								
		S 47°06'18.35" E	181.86																					
	PT			56+48.90	259794.8308	1795891.8945																		
		S 47°06'18.35" E	350.78																					
	POE			60+02.29	259556.0677	1796148.8801																		

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$TIME$
$DATE$

WORK ELEMENT	PHYSICAL ENTITY	CONTRACT DESIGNATOR	LINE ITEM	COST ELEMENT	PROJECT NUMBER

ISSUE FOR
30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

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ALABAMA STATE PORT AUTHORITY

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CONTRACT NO. XX
DRAWING NO. RT-07
REVISION 1
SHEET NO. 13 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK GEOMETRY TABLE - SHEET 6 OF 12

ASPA TRACK 7 TRACK GEOMETRY TABLE

STATIONING DATA							INPUT DATA						CURVE DATA				SPIRAL DATA							
CURVE NO.	DESC	BEARING	DISTANCE FEET	STATION	NORTHING	EASTING	Dc DEGREES	Ea INCHES	Eu INCHES	Ds MPH	Ls FEET	I DEGREES	RADIUS FEET	DELTA DEGREES	Lc FEET	T FEET	THETA DEGREES	X FEET	Y FEET	P FEET	K FEET	LT FEET	ST FEET	Ts FEET
	POB			23+16.22	262842.3437	1794647.6018																		
		S 13°50'49.34" E	1389.62																					
	PC			37+07.27	261493.1107	1794980.1800																		
1	PI			39+59.06	261248.6441	1795040.4396	03°00'00.00"						1910.08	15°01'07.29" LT	499.25	251.78								
		S 28°51'56.62" E	499.25																					
	PT			42+07.90	261028.1434	1795161.9905																		
		S 28°51'56.62" E	1255.30																					
	PC			54+69.66	259928.8137	1795767.9954																		
2	PI			55+61.75	259848.1637	1795812.4537	10°00'00.00"						573.69	18°14'21.72" LT	181.86	92.09								
		S 47°06'18.35" E	181.86																					
	PT			56+52.06	259785.4807	1795879.9206																		
		S 47°06'18.35" E	353.19																					
	POE			60+07.01	259545.0786	1796138.6703																		

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$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR
30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

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CONTRACT NO. XX
DRAWING NO. RT-08
REVISION 1
SHEET NO. 14 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK GEOMETRY TABLE - SHEET 7 OF 12

ASPA TRACK 8 TRACK GEOMETRY TABLE

STATIONING DATA							INPUT DATA						CURVE DATA				SPIRAL DATA							
CURVE NO.	DESC	BEARING	DISTANCE FEET	STATION	NORTHING	EASTING	Dc DEGREES	Ea INCHES	Eu INCHES	Ds MPH	Ls FEET	I DEGREES	RADIUS FEET	DELTA DEGREES	Lc FEET	T FEET	THETA DEGREES	X FEET	Y FEET	P FEET	K FEET	LT FEET	ST FEET	Ts FEET
	POB			24+67.30	262693.4784	1794668.8473																		
		S 13°50'49.34" E	1241.97																					
	PC			37+09.28	261487.6009	1794966.0891																		
1	PI			39+61.06	261243.1343	1795026.3488	3°00'00.00"						1910.08	15°01'07.29" LT	499.25	251.78								
		S 28°51'56.62" E	499.25																					
	PT			42+09.90	261022.6336	1795147.8996																		
		S 28°51'56.62" E	1259.68																					
	PC			54+72.82	259919.4636	1795756.0216																		
2	PI			55+64.91	259838.8136	1795800.4798	10°00'00.00"						573.69	18°14'21.72" LT	181.86	92.09								
		S 47°06'18.35" E	181.86																					
	PT			56+55.21	259776.1306	1795867.9468																		
		S 47°06'18.35" E	355.60																					
	POE			60+11.68	259534.0896	1796128.4604																		

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$DATE$

WORK ELEMENT	PHYSICAL ENTITY	CONTRACT DESIGNATOR	LINE ITEM	COST ELEMENT	PROJECT NUMBER

ISSUE FOR
30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

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SHEET NO. 15 OF 47
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ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK GEOMETRY TABLE - SHEET 8 OF 12

ASPA TRACK 9 TRACK GEOMETRY TABLE

STATIONING DATA							INPUT DATA						CURVE DATA				SPIRAL DATA							
CURVE NO.	DESC	BEARING	DISTANCE FEET	STATION	NORTHING	EASTING	Dc DEGREES	Ea INCHES	Eu INCHES	Ds MPH	Ls FEET	I DEGREES	RADIUS FEET	DELTA DEGREES	Lc FEET	T FEET	THETA DEGREES	X FEET	Y FEET	P FEET	K FEET	LT FEET	ST FEET	Ts FEET
	POB			11+68.74	263984.9308	1794632.8335																		
		S 03°16'34.44" W	685.60																					
	PC			18+54.33	263300.4545	1794593.6517																		
1																								
	PI			19+11.59	263243.2949	1794590.3797	10°00'00.00"						573.68	11°23'54.29" LT	113.94	57.25								
		S 08°07'19.85" E	113.94																					
	PT			19+68.32	263186.6161	1794598.4687																		
		S 08°07'19.85" E	619.82																					
	PC			25+88.14	262573.0098	1794686.0401																		
2																								
	PI			26+16.83	262544.6130	1794690.0928	10°00'00.00"						573.69	05°43'29.49" LT	57.30	28.68								
		S 13°50'49.34" E	57.30																					
	PT			26+45.39	262516.7621	1794696.9579																		
		S 13°50'49.34" E	1065.64																					
	PC			37+11.03	261482.0911	1794951.9983																		
3																								
	PI			39+62.81	261237.6245	1795012.2579	03°00'00.00"						1910.08	15°01'07.29" LT	499.25	251.78								
		S 28°51'56.62" E	499.25																					
	PT			42+11.65	261017.1239	1795133.8088																		
		S 28°51'56.62" E	1264.07																					
	PC			54+75.72	259910.1135	1795744.0477																		
4																								
	PI			55+67.81	259829.4635	1795788.5059	10°00'00.00"						573.69	18°14'21.72" LT	181.86	92.09								
		S 47°06'18.35" E	181.86																					
	PT			56+58.12	259766.7805	1795855.9729																		
		S 47°06'18.35" E	358.01																					
	POE			60+16.12	259523.1005	1796118.2506																		

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR
30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

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DATE DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

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CONTRACT NO. XX
DRAWING NO. RT-10
REVISION 1
SHEET NO. 16 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK GEOMETRY TABLE - SHEET 9 OF 12

ASPA TRACK 30 TRACK GEOMETRY TABLE

STATIONING DATA							INPUT DATA						CURVE DATA				SPIRAL DATA							
CURVE NO.	DESC	BEARING	DISTANCE FEET	STATION	NORTHING	EASTING	Dc DEGREES	Ea INCHES	Eu INCHES	Ds MPH	Ls FEET	I DEGREES	RADIUS FEET	DELTA DEGREES	Lc FEET	T FEET	THETA DEGREES	X FEET	Y FEET	P FEET	K FEET	LT FEET	ST FEET	Ts FEET
	POB			14+80.00	263682.4579	1794691.8596																		
		S 160°25'42.08" E	185.04																					
	PC			16+96.31	263477.7465	1794761.3290																		
1																								
	PI			17+25.00	263450.7192	1794770.9379	10°00'00.00"						573.69	05°43'29.48" RT	57.32	28.68								
	PT			17+53.56	263422.8683	1794777.8029																		
		S 166°09'11.57" E	2429.27																					
	POE			41+82.83	261064.1917	1795359.1921																		

Pen Table File
$TIME$
$DATE$

WORK ELEMENT	PHYSICAL ENTITY	CONTRACT DESIGNATOR	LINE ITEM	COST ELEMENT	PROJECT NUMBER

ISSUE FOR
30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY J. ROCKWELL
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TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT of MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO. XX
DRAWING NO. RT-11
REVISION 1
SHEET NO. 17 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK GEOMETRY TABLE - SHEET 10 OF 12

ASPA TRACK 31 TRACK GEOMETRY TABLE

STATIONING DATA							INPUT DATA						CURVE DATA				SPIRAL DATA							
CURVE NO.	DESC	BEARING	DISTANCE FEET	STATION	NORTHING	EASTING	Dc DEGREES	Eq INCHES	Eu INCHES	Ds MPH	Ls FEET	I DEGREES	RADIUS FEET	DELTA DEGREES	Lc FEET	T FEET	THETA DEGREES	X FEET	Y FEET	P FEET	K FEET	LT FEET	ST FEET	Ts FEET
	POB			14+75.58	263679.4625	1794657.2209																		
		S 160°25'42.08" E	121.69																					
	PC			16+28.54	263534.4391	1794705.4697																		
1																								
	PI			16+57.23	263507.4119	1794715.0785	10°00'00.00"						573.69	05°43'29.48" RT	57.32	28.68								
	PT			16+85.79	263479.5609	1794721.9435																		
		S 166°09'11.57" E	2378.96																					
	POE			40+64.76	261169.7316	1795291.2924																		

Pen Table File
$TIME$
$DATE$

WORK ELEMENT	PHYSICAL ENTITY	CONTRACT DESIGNATOR	LINE ITEM	COST ELEMENT	PROJECT NUMBER

ISSUE FOR
30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

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DATE DECEMBER 15, 2023

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ALABAMA STATE PORT AUTHORITY

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Colliers Engineering & Design

CONTRACT NO. XX
DRAWING NO. RT-12
REVISION 1
SHEET NO. 18 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK GEOMETRY TABLE - SHEET 11 OF 12

ASPA TRACK 32 TRACK GEOMETRY TABLE

STATIONING DATA							INPUT DATA						CURVE DATA				SPIRAL DATA							
CURVE NO.	DESC	BEARING	DISTANCE FEET	STATION	NORTHING	EASTING	Dc DEGREES	Ea INCHES	Eu INCHES	Ds MPH	Ls FEET	I DEGREES	RADIUS FEET	DELTA DEGREES	Lc FEET	T FEET	THETA DEGREES	X FEET	Y FEET	P FEET	K FEET	LT FEET	ST FEET	Ts FEET
	POB			11+37.47	264016.1760	1794631.4973																		
		S 177°33'04.99" E	224.13																					
	PC			13+61.60	263792.2509	1794641.0729																		
1																								
	PI			14+18.85	263735.0509	1794643.5189	10°00'00.00"						573.69	11°23'53.43" LT	114.13	57.25								
	PT			14+75.58	263679.4625	1794657.2209																		
		S 166°09'11.57" E	2500.27																					
	POE			39+75.86	261251.8478	1795255.6026																		

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR
30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

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DRAWN BY J. ROCKWELL
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APPROVED BY K. LAGRECA
DATE DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

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CONTRACT NO. XX
DRAWING NO. RT-13
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SHEET NO. 19 OF 47
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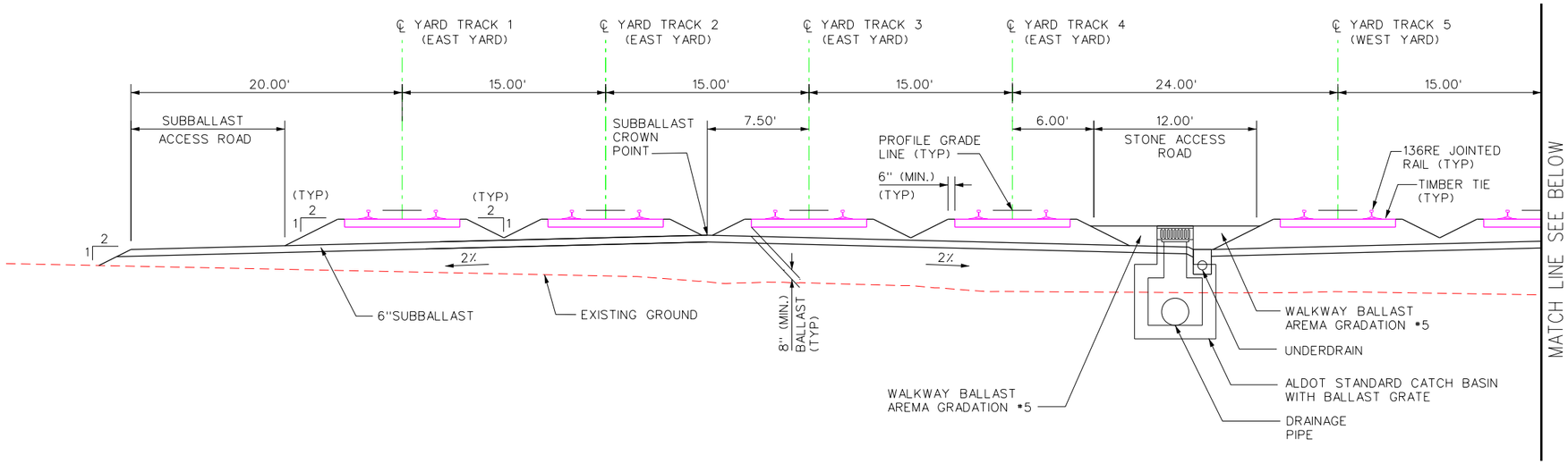
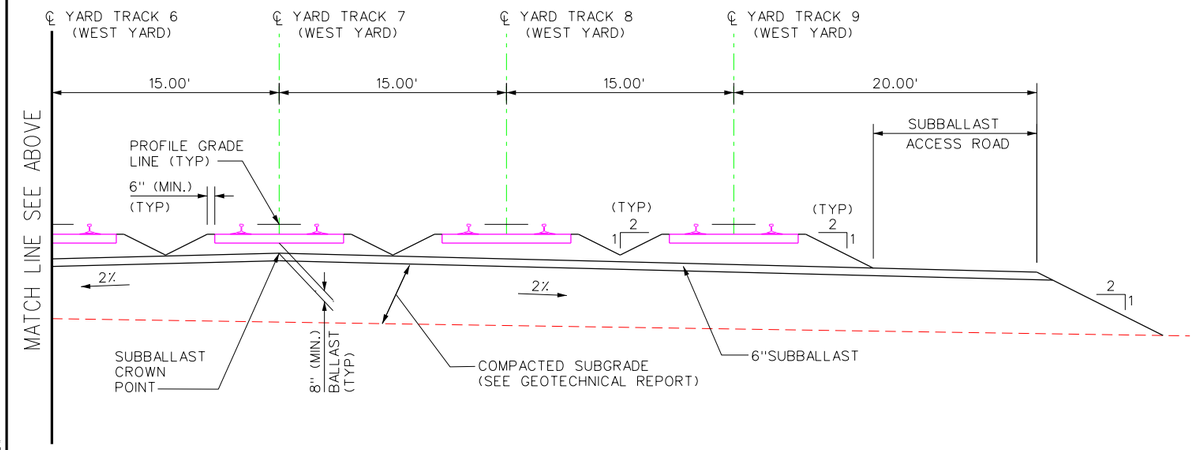
ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

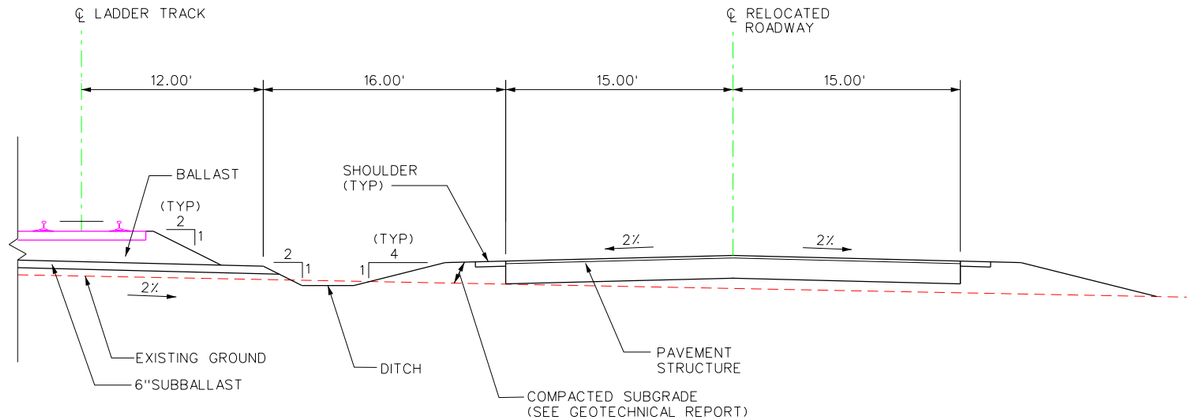
TRACK GEOMETRY TABLE - SHEET 12 OF 12



YARD TYPICAL SECTION
(LOOKING SOUTH)



YARD TYPICAL SECTION
(LOOKING SOUTH)



NORTH LADDER TYPICAL SECTION
(LOOKING SOUTH)

5' 0 5' 10'
GRAPHIC SCALE: HORIZ. 1" = 5'

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

REV	DATE	DESCRIPTION	BY	SUB	APP
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ALABAMA STATE PORT AUTHORITY

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CONTRACT NO. XX
DRAWING NO. r_tk_ts01
REVISION 1 SHEET NO. 20 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TYPICAL SECTIONS

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH

3 MILE CREEK

INDUSTRIAL CANAL ROAD

3 MILE BRIDGE

RECONSTRUCT EXISTING GRADE CROSSING

MEET EXISTING TRACK

MEET EXISTING TRACK

CONSTRUCT GRADE CROSSING

EXISTING PAVEMENT TO BE REMOVED

MEET EXISTING TRACK

PS 10+00.00
PI 10+31.27
PS 11+37.47
PI 11+68.74
PS 12+81.84
PI 13+19.11
PC 13+61.60
PS 14+00.00
PI 14+38.27
PS 14+75.58
PI 14+69.48
PI 15+11.27
PI 15+06.85
PC 16+26.54
PT 16+85.79
PC 16+96.31
PT 17+53.56
PS 15+88.58
PI 16+19.85
PS 17+38.96
PI 17+10.23

T 32 CURVE 1
Dc = 10°00'00"
I = 11°23'53"
R = 573.69'
Lc = 114.13'
Eq = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

T 31 CURVE 1
Dc = 10°00'00"
I = 05°43'29"
R = 573.69'
Lc = 57.32'
Eq = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

T 30 CURVE 1
Dc = 10°00'00"
I = 05°43'29"
R = 573.69'
Lc = 57.32'
Eq = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

TURNOUT ML-1
#10 EQUILATERAL

TURNOUT LEAD 1
#10 RH

TURNOUT YD 1A
#10 LH

TURNOUT YD 2A
#10 LH

TURNOUT YD 3A
#10 LH

TURNOUT YD 4A
#10 LH

TURNOUT YD 30
#10 LH

TURNOUT YD 31
#10 LH

EXISTING ACCESS ROAD

YARD TRACK 30

EXISTING RIP TRACK

YARD TRACK 31

YARD TRACK 32

EXISTING UP TO BE RELOCATED

YARD TRACK 1

YARD LEAD TRACK

YARD TRACK 2

YARD TRACK 3

INDUSTRIAL CANAL ROAD

RELOCATED INDUSTRIAL CANAL ROAD

EXISTING WATER LINE TO BE PROTECTED AND ENCASED BENEATH PROPOSED TRACKS

EXISTING GAS LINE TO BE PROTECTED AND ENCASED BENEATH PROPOSED TRACKS

EXISTING UP TO BE RELOCATED

EXISTING UP's TO BE RELOCATED

CONSTRUCT 30' WIDE ROADWAY (FULL DEPTH PAVEMENT)

EXISTING UP TO BE RELOCATED

MATCH LINE
SEE DRAWING NO. RPL-02

30' 20' 10' 0 30' 60'
GRAPHIC SCALE: 1" = 30'

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12/15/2023

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO.	XX
DRAWING NO.	RPL-01
REVISION	1
SHEET NO.	21 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL
PLAN SHEETS - SHEET 1 OF 6

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH

EXISTING TRACK 27
EXISTING TRACK 28
EXISTING TRACK 29
YARD TRACK 30
EXISTING RIP TRACK
YARD TRACK 31
YARD TRACK 32
INDUSTRIAL CANAL ROAD
EXISTING PAVEMENT TO BE REMOVED
MEET EXISTING ROADWAY
CONSTRUCT GRADE CROSSING
RELOCATED INDUSTRIAL CANAL ROAD
SUBBALLAST ACCESS ROAD
YARD TRACK 1
YARD TRACK 2
YARD TRACK 3
YARD TRACK 4
STONE ACCESS ROAD
YARD TRACK 5
YARD TRACK 6
YARD LEAD TRACK
SUBBALLAST ACCESS ROAD
YARD TRACK 7
YARD TRACK 8
YARD TRACK 9
PROPOSED EAST YARD
PROPOSED WEST YARD
TURNOUT YD 5A #10 LH
TURNOUT YD 6A #10 LH
TURNOUT YD 7A #10 LH
TURNOUT YD 8A #10 LH
EXISTING UP's AND OH WIRES TO BE REMOVED
CONSTRUCT BOX CULVERT
EXISTING UP's AND OH WIRES TO BE REMOVED
CONSTRUCT 30' WIDE ROADWAY (FULL DEPTH PAVEMENT)
3 MILE CREEK

PC 18+48.02
PC 18+51.80
PC 18+54.03
PC 18+54.76
PC 18+54.33
PT 19+62.00
PT 19+62.70
PT 19+64.96
PT 19+68.74
PT 19+68.32
PS 19+64.20
PI 20+15.47
PS 21+34.57
PS 21+65.84
PS 22+84.95
PT 23+16.22
PS 24+35.32
PI A 24+67.30
PC 25+88.14
PT 26+45.39

T 2,3 CURVE 1
Dc = 10°15'00"
I = 11°23'55"
R = 558.21'
Lc = 111.05'
Eq = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

T 1,4,9 CURVE 1
Dc = 10°00'00"
I = 11°23'54"
R = 573.68'
Lc = 114.13'
Eq = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

T 9 CURVE 2
Dc = 10°00'00"
I = 11°23'54"
R = 573.68'
Lc = 114.13'
Eq = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

MATCH LINE - SEE DRAWING NO. RPL-01
MATCH LINE - SEE DRAWING NO. RPL-03

GRAPHIC SCALE: 30' 20' 10' 0 30' 60' — 1" = 30'

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PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO.	XX
DRAWING NO.	RPL-02
REVISION	1
SHEET NO.	22 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL
PLAN SHEETS - SHEET 2 OF 6

CHICKASAW, AL

RR NORTH

PORT, AL

RR SOUTH

EXISTING TRACK 27

EXISTING TRACK 28

EXISTING TRACK 29

28+00 29+00 30+00 31+00 YARD TRACK 30 32+00 33+00 34+00 35+00 36+00

EXISTING RIP TRACK

28+00 29+00 30+00 31+00 YARD TRACK 31 32+00 33+00 34+00 35+00 36+00

28+00 29+00 30+00 31+00 YARD TRACK 32 32+00 33+00 34+00 35+00 36+00

INDUSTRIAL CANAL ROAD

EXISTING UP AND OH WIRES TO BE REMOVED

EXISTING UP AND OH WIRES TO BE REMOVED

EXISTING UP AND OH WIRES TO BE REMOVED

MATCH LINE - SEE DRAWING NO. RPL-02

SUBBALLAST ACCESS ROAD

YARD TRACK 1

YARD TRACK 2

YARD TRACK 3

YARD TRACK 4

PROPOSED EAST YARD

STONE ACCESS ROAD

YARD TRACK 5

YARD TRACK 6

YARD TRACK 7

YARD TRACK 8

YARD TRACK 9

PROPOSED WEST YARD

SUBBALLAST ACCESS ROAD

YARD TRACK 1

YARD TRACK 2

YARD TRACK 3

YARD TRACK 4

STONE ACCESS ROAD

YARD TRACK 5

YARD TRACK 6

YARD TRACK 7

YARD TRACK 8

YARD TRACK 9

MATCH LINE - SEE DRAWING NO. RPL-04

CONSTRUCT BOX CULVERT

3 MILE CREEK

30' 20' 10' 0 30' 60'

GRAPHIC SCALE: 1" = 30'

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12/15/2023

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO.	XX
DRAWING NO.	RPL-03
REVISION	1
SHEET NO.	23 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL
PLAN SHEETS - SHEET 3 OF 6

CHICKASAW, AL

RR NORTH

PORT, AL

RR SOUTH

EXISTING TRACK 27

EXISTING TRACK 28

EXISTING TRACK 29

YARD TRACK 30

EXISTING TRACK

YARD TRACK 31

YARD TRACK 32

INDUSTRIAL CANAL ROAD

INSTALL BUMPING POSTS AT END OF TRACKS (TYP)

EXISTING UP TO BE REMOVED

EXISTING UP AND OH WIRES TO BE RELOCATED

EXISTING UP's AND OH WIRES TO BE RELOCATED

EXISTING UP TO BE REMOVED

SUBBALLAST ACCESS ROAD

PROPOSED EAST YARD

STONE ACCESS ROAD

PROPOSED WEST YARD

SUBBALLAST ACCESS ROAD

YARD TRACK 1

YARD TRACK 2

YARD TRACK 3

YARD TRACK 4

YARD TRACK 5

YARD TRACK 6

YARD TRACK 7

YARD TRACK 8

YARD TRACK 9

MATCH LINE - SEE DRAWING NO. RPL-05

MATCH LINE - SEE DRAWING NO. RPL-03

T 1,2,3,4 CURVE 2
Dc = 03°00'00"
I = 15°01'07"
R = 1910.08'
Lc = 500.68'
Ea = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

T 5,6,7,8 CURVE 1
Dc = 03°00'00"
I = 15°01'07"
R = 1910.08'
Lc = 500.68'
Ea = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

T 9 CURVE 3
Dc = 03°00'00"
I = 15°01'07"
R = 1910.08'
Lc = 500.68'
Ea = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

3 MILE CREEK

30' 20' 10' 0 30' 60'

GRAPHIC SCALE: 1" = 30'

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REV	DATE	DESCRIPTION	BY / SUB	APP
		ISSUE FOR 30% PLANS		

Information confidential all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Alabama State Port Authority (ASPA) and shall be held confidential and shall not be used for any purpose not provided for in agreements with ASPA.

DESIGNED BY J. ROCKWELL
DRAWN BY J. ROCKWELL
CHECKED BY K. LAGRECA
APPROVED BY K. LAGRECA
DATE DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO. XX
DRAWING NO. RPL-04
REVISION 1
SHEET NO. 24 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL
PLAN SHEETS - SHEET 4 OF 6

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH

EXISTING UP AND OH WIRES TO BE REMOVED

EXISTING UP AND OH WIRES TO BE REMOVED

EXISTING UP AND OH WIRES TO BE REMOVED

EXISTING UP's AND OH WIRES TO BE REMOVED

EXISTING UP AND OH WIRES TO BE REMOVED

T 1 CURVE 3
Dc = 10°00'00"
I = 06°47'23"
R = 573.69'
Lc = 67.98'
Eo = 0.0'
Ls = 0.0'
DS = 15 MPH (F)

INDUSTRIAL CANAL ROAD

SUBBALLAST ACCESS ROAD

YARD TRACK 1
YARD TRACK 2
YARD TRACK 3
YARD TRACK 4

PROPOSED EAST YARD

STONE ACCESS ROAD

YARD TRACK 5

PROPOSED WEST YARD

YARD TRACK 6
YARD TRACK 7
YARD TRACK 8
YARD TRACK 9

SUBBALLAST ACCESS ROAD

EXISTING UP's AND OH WIRES TO BE REMOVED

EXISTING UP AND OH WIRES TO BE REMOVED

B 46+00 B 47+00 B 48+00 B 49+00 B 50+00 B 51+00 B 52+00 B 53+00 B 54+00

46+00 47+00 48+00 49+00 50+00 51+00 52+00 53+00 54+00

PC B 54+42.63
PC B 54+45.52
PC B 54+47.15
PC B 54+62.20
PC B 54+66.08
PC B 54+68.49
PC B 54+70.90
PC B 54+73.31
PC B 54+75.72

GRAVEL DRIVE
UNPAVED DRIVE
AREA OF DEMOLITION WORK
E(OH)
E(HO)3

MATCH LINE - SEE DRAWING NO. RPL-04

MATCH LINE - SEE DRAWING NO. RPL-06

30' 20' 10' 0 30' 60'
GRAPHIC SCALE: 1" = 30'

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WORK ELEMENT	PHYSICAL ENTITY	CONTRACT DESIGNATOR	LINE ITEM	COST ELEMENT	PROJECT NUMBER

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO.	XX
DRAWING NO.	RPL-05
REVISION	1
SHEET NO.	25 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL
PLAN SHEETS - SHEET 5 OF 6

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH

MATCH LINE - SEE DRAWING NO. RPL-05

T 2,3 CURVE 3
Dc = 10°00'00"
I = 12°30'52"
R = 573.69'
Lc = 125.30'
Eq = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

T 4 CURVE 3
Dc = 10°00'00"
I = 18°14'22"
R = 573.69'
Lc = 182.63'
Eq = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

T 4 CURVE 4
Dc = 10°15'00"
I = 13°09'37"
R = 559.73'
Lc = 128.28'
Eq = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

T 9 CURVE 4
Dc = 10°00'00"
I = 18°14'22"
R = 573.69'
Lc = 182.63'
Eq = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

T 5,6,7,8 CURVE 2
Dc = 10°00'00"
I = 18°14'22"
R = 573.69'
Lc = 182.63'
Eq = 0.0"
Ls = 0.0'
DS = 15 MPH (F)

TURNOUT XO 1
#10 RH

TURNOUT XO 2
#10 RH

TURNOUT YD 1B
#10 RH

TURNOUT YD 2B
#10 RH

TURNOUT YD 3B
#10 RH

TURNOUT YD 4B
#10 LH

INDUSTRIAL CANAL ROAD

PROPOSED EAST YARD

PROPOSED WEST YARD

STONE ACCESS ROAD

SUBBALLAST ACCESS ROAD

SUBBALLAST ACCESS ROAD ENTRANCE

SUBBALLAST ACCESS ROAD ENTRANCE

RECONSTRUCT EXISTING GRADE CROSSING

EXISTING UP's AND OH WIRES TO BE RELOCATED

INSTALL BUMPING POSTS AT END OF TRACKS (TYP)

EXISTING UP AND OH WIRES TO BE REMOVED

EXISTING UP AND OH WIRES TO BE REMOVED

EXISTING UP AND OH WIRES TO BE REMOVED

EXISTING UP AND OH WIRES TO BE REMOVED

EXISTING UP AND OH WIRES TO BE REMOVED

YARD TRACK 5
YARD TRACK 6
YARD TRACK 7
YARD TRACK 8
YARD TRACK 9

AREA OF DEMOLITION WORK

GRAPHIC SCALE: 30' 20' 10' 0 30' 60'
1" = 30'

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PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY J. ROCKWELL
DRAWN BY J. ROCKWELL
CHECKED BY K. LAGRECA
APPROVED BY K. LAGRECA
DATE DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

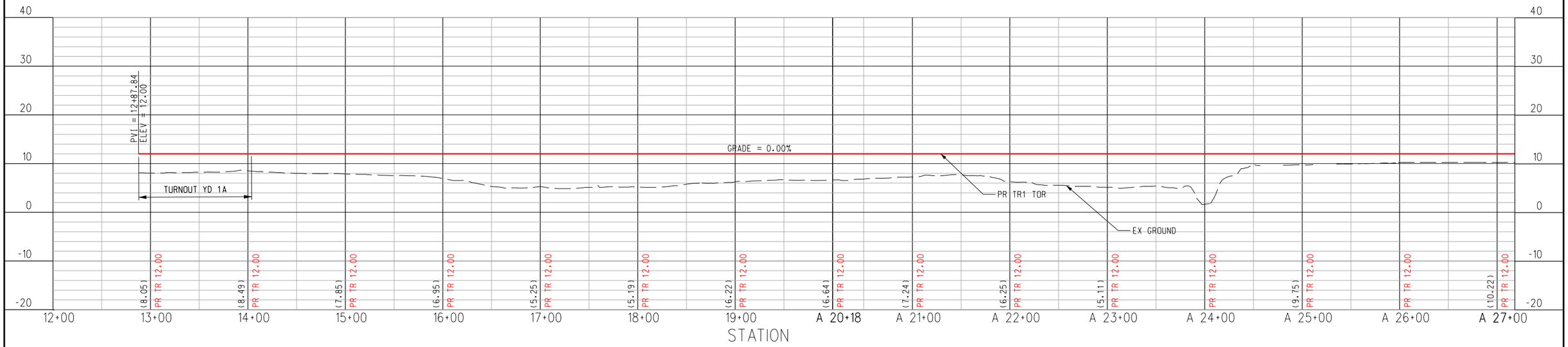
Colliers Engineering & Design

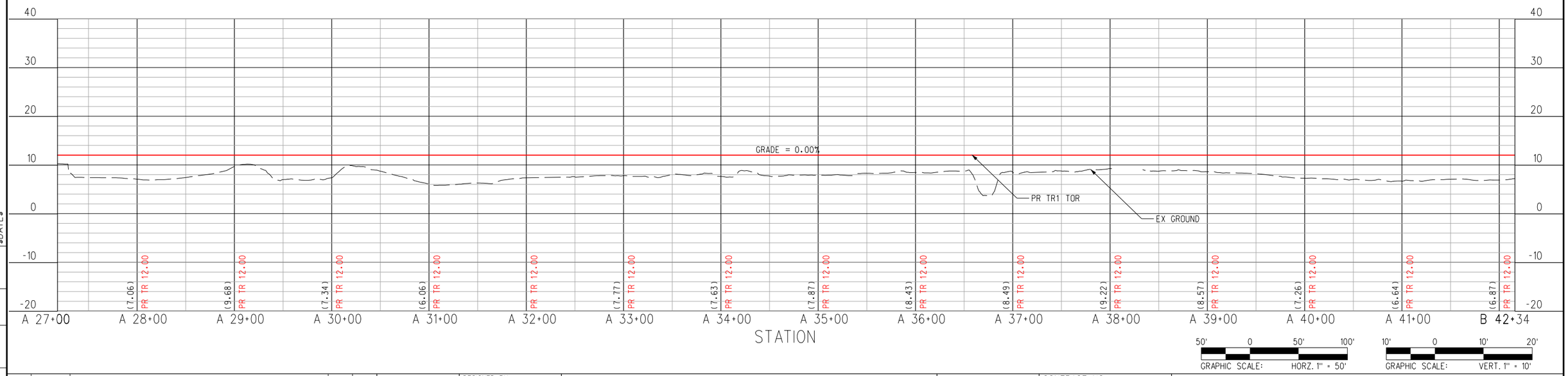
CONTRACT NO. XX
DRAWING NO. RPL-06
REVISION 1
SHEET NO. 26 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL
PLAN SHEETS - SHEET 6 OF 6

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH





GRAPHIC SCALE: HORZ. 1" = 50' (50' 0 50' 100')

GRAPHIC SCALE: VERT. 1" = 10' (10' 0 10' 20')

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

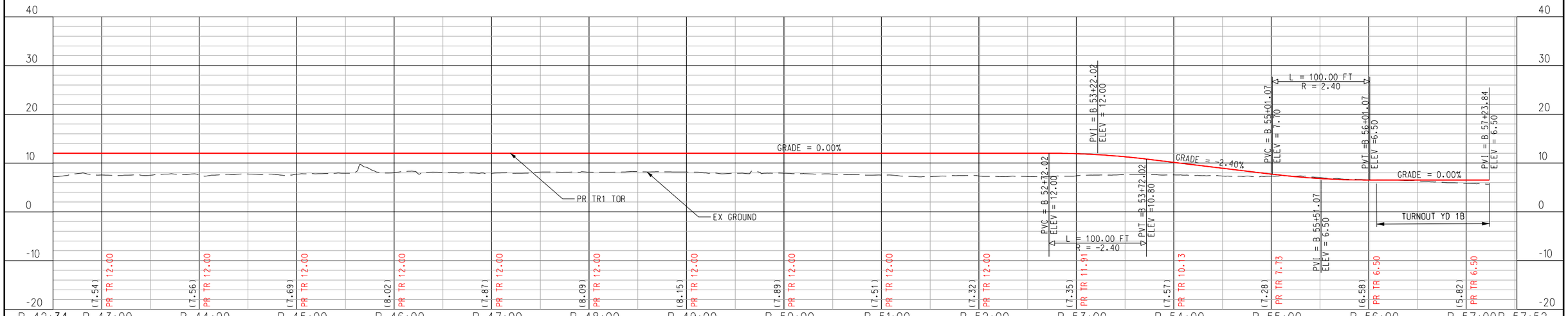
CONTRACT NO.	XX
DRAWING NO.	RP1-01
REVISION	1
SHEET NO.	27 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 1 PROFILES - SHEET 1 OF 2

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH



50' 0 50' 100'
GRAPHIC SCALE: HORZ. 1" = 50'

10' 0 10' 20'
GRAPHIC SCALE: VERT. 1" = 10'

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

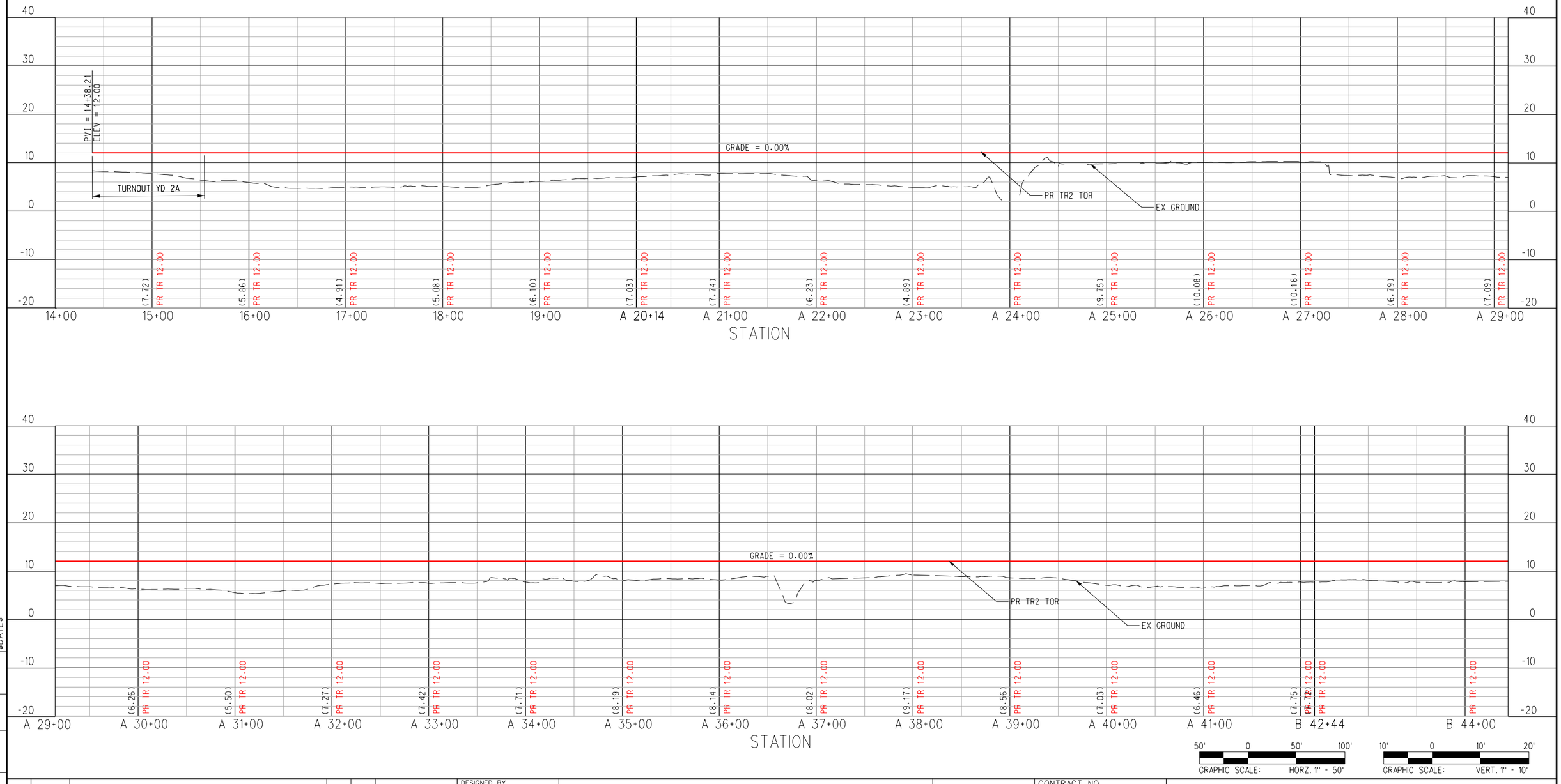
CONTRACT NO.	XX
DRAWING NO.	RP1-02
REVISION	1
SHEET NO.	28 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 1 PROFILES - SHEET 2 OF 2

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH



Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

DESIGNED BY J. ROCKWELL
DRAWN BY J. ROCKWELL
CHECKED BY K. LAGRECA
APPROVED BY K. LAGRECA
DATE DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

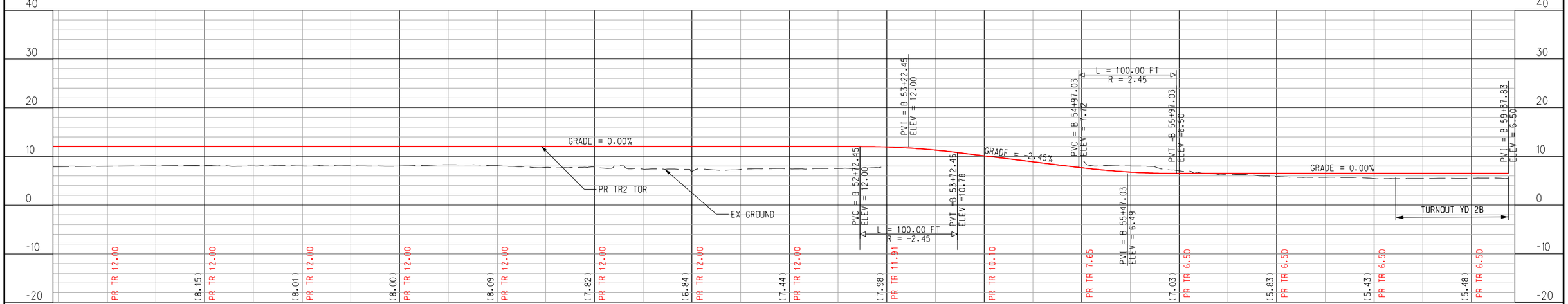
CONTRACT NO. XX
DRAWING NO. RP2-01
REVISION 1
SHEET NO. 29 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 2 PROFILES - SHEET 1 OF 2

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH



50' 0 50' 100'
GRAPHIC SCALE: HORZ. 1" = 50'

10' 0 10' 20'
GRAPHIC SCALE: VERT. 1" = 10'

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY J. ROCKWELL
DRAWN BY J. ROCKWELL
CHECKED BY K. LAGRECA
APPROVED BY K. LAGRECA
DATE DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT of MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

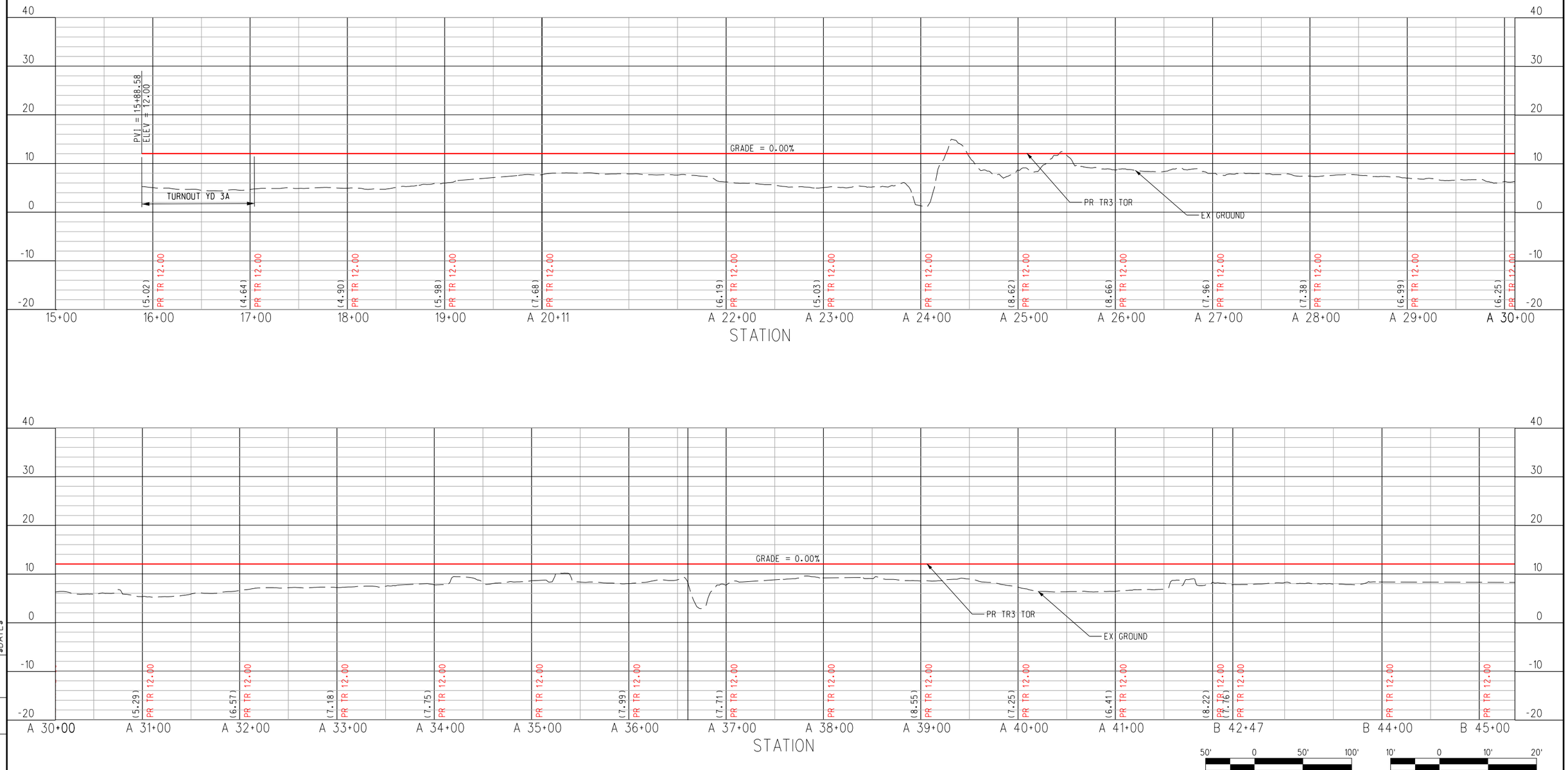
CONTRACT NO. XX
DRAWING NO. RP2-02
REVISION 1
SHEET NO. 30 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 2 PROFILES - SHEET 2 OF 2

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH



Pen Table File
$TIME$
$DATE$

WORK ELEMENT	PHYSICAL ENTITY	CONTRACT DESIGNATOR	LINE ITEM	COST ELEMENT	PROJECT NUMBER
				0	

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS 0
ALABAMA STATE PORT AUTHORITY +00

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

GRAPHIC SCALE: HORZ. 1" = 50' (50' 0 50' 100')

GRAPHIC SCALE: VERT. 1" = 10' (10' 0 10' 20')

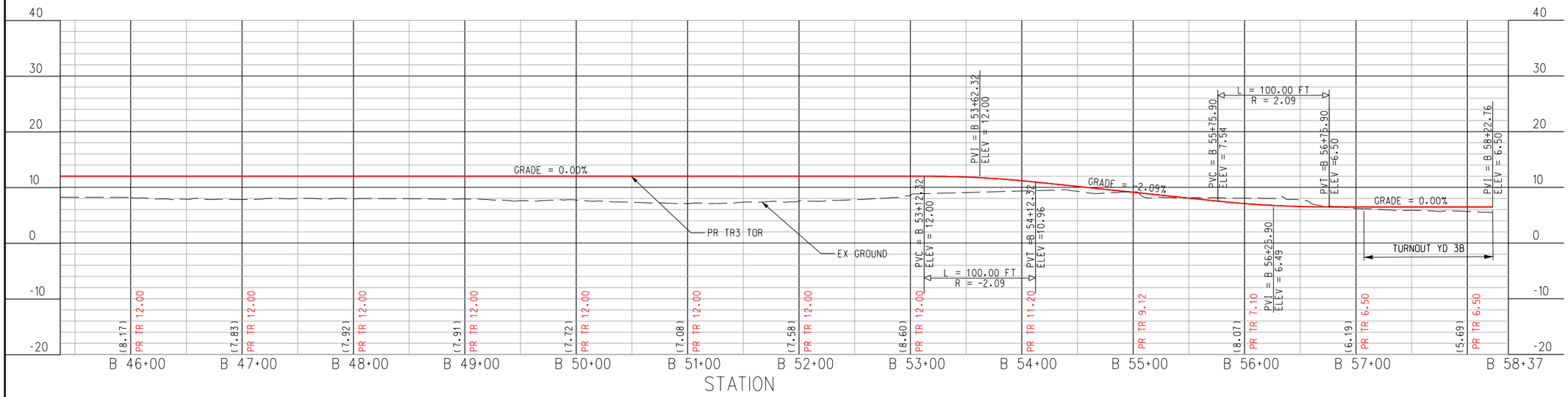
CONTRACT NO.	XX
DRAWING NO.	RP3-01
REVISION	1
SHEET NO.	31 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 3 PROFILES - SHEET 1 OF 2

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH



50' 0 50' 100'
GRAPHIC SCALE: HORZ. 1" = 50'

10' 0 10' 20'
GRAPHIC SCALE: VERT. 1" = 10'

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY J. ROCKWELL
DRAWN BY J. ROCKWELL
CHECKED BY K. LAGRECA
APPROVED BY K. LAGRECA
DATE DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

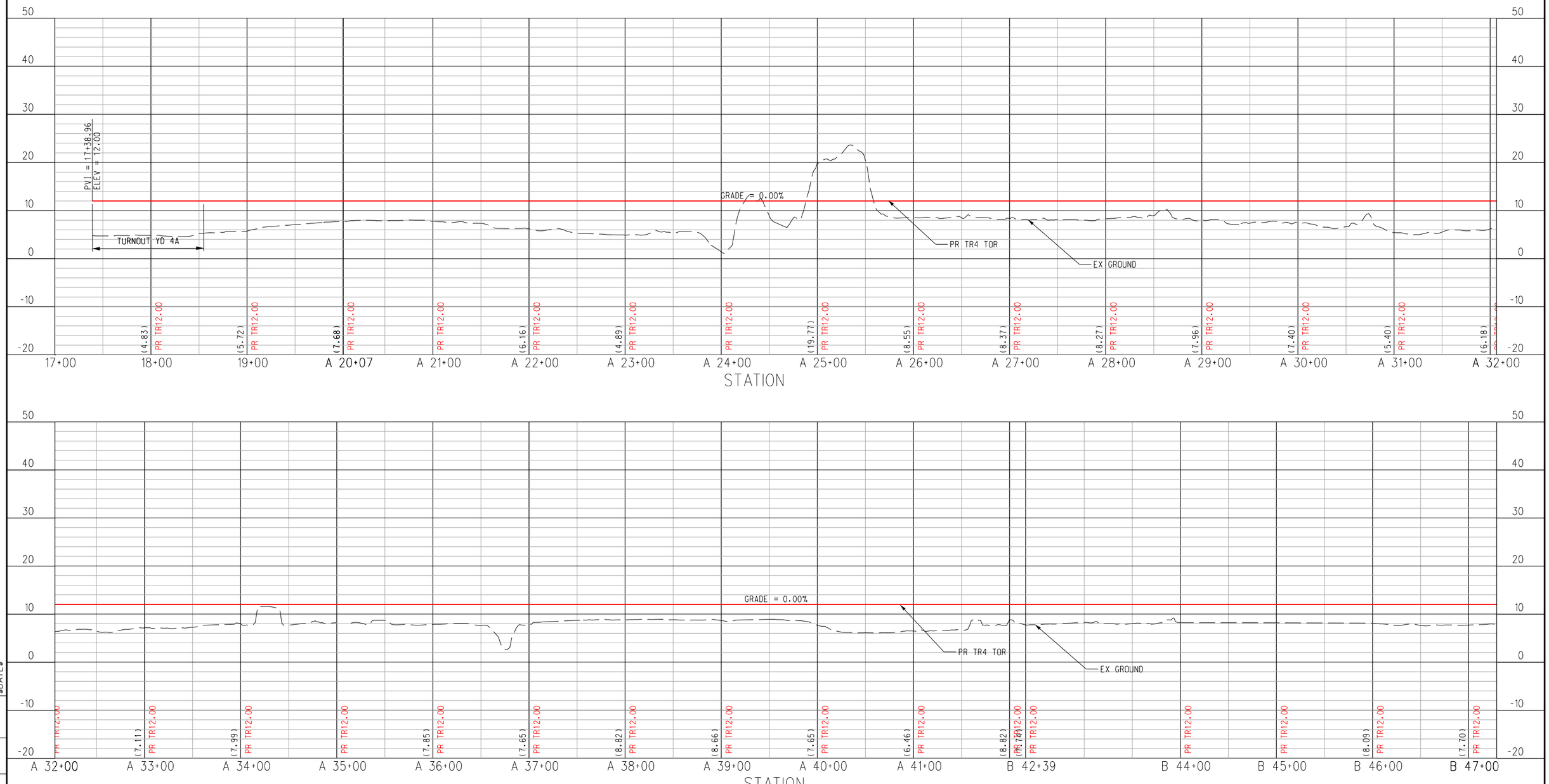
CONTRACT NO. XX
DRAWING NO. RP3-02
REVISION 1
SHEET NO. 32 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 3 PROFILES - SHEET 2 OF 2

CHICKASAW, AL ← **RR NORTH**

PORT, AL → **RR SOUTH**



GRAPHIC SCALE: HORZ. 1" = 50' (50' 0 50' 100')

GRAPHIC SCALE: VERT. 1" = 10' (10' 0 10' 20')

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

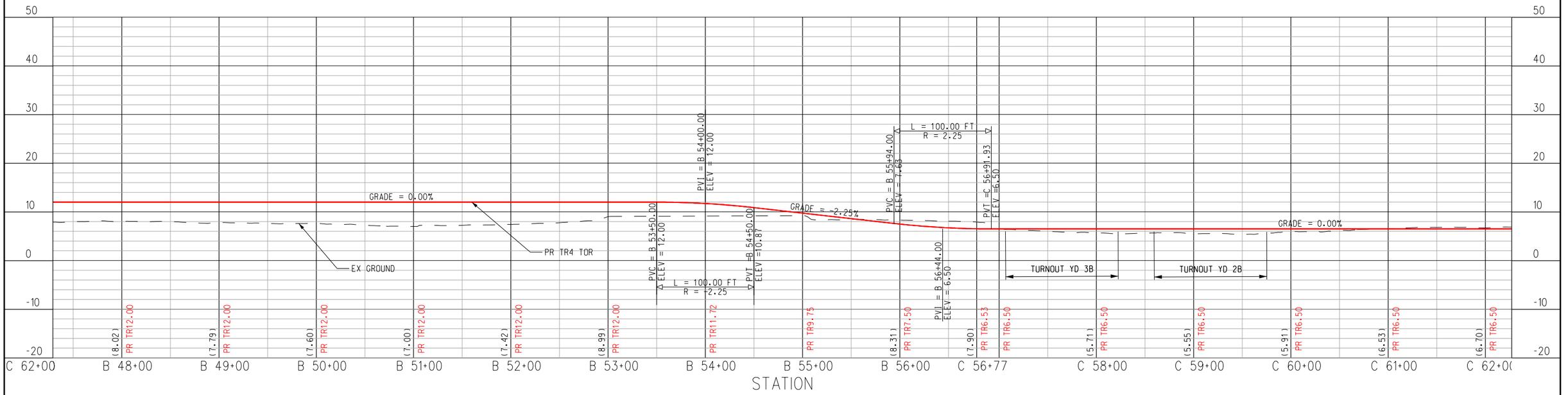
CONTRACT NO.	XX
DRAWING NO.	RP4-01
REVISION	1
SHEET NO.	33 OF 47
SCALE	AS SHOWN

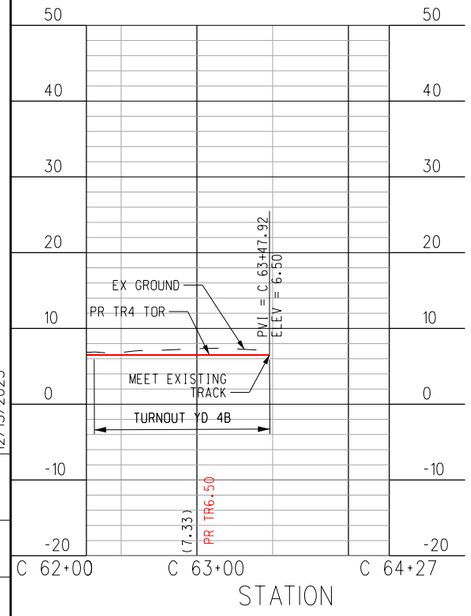
ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 4 PROFILES - SHEET 1 OF 2

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH





GRAPHIC SCALE: HORZ. 1" = 50' (50' 0 50' 100')

GRAPHIC SCALE: VERT. 1" = 10' (10' 0 10' 20')

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12/15/2023

WORK ELEMENT	PHYSICAL ENTITY	CONTRACT DESIGNATOR	LINE ITEM	COST ELEMENT	PROJECT NUMBER

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

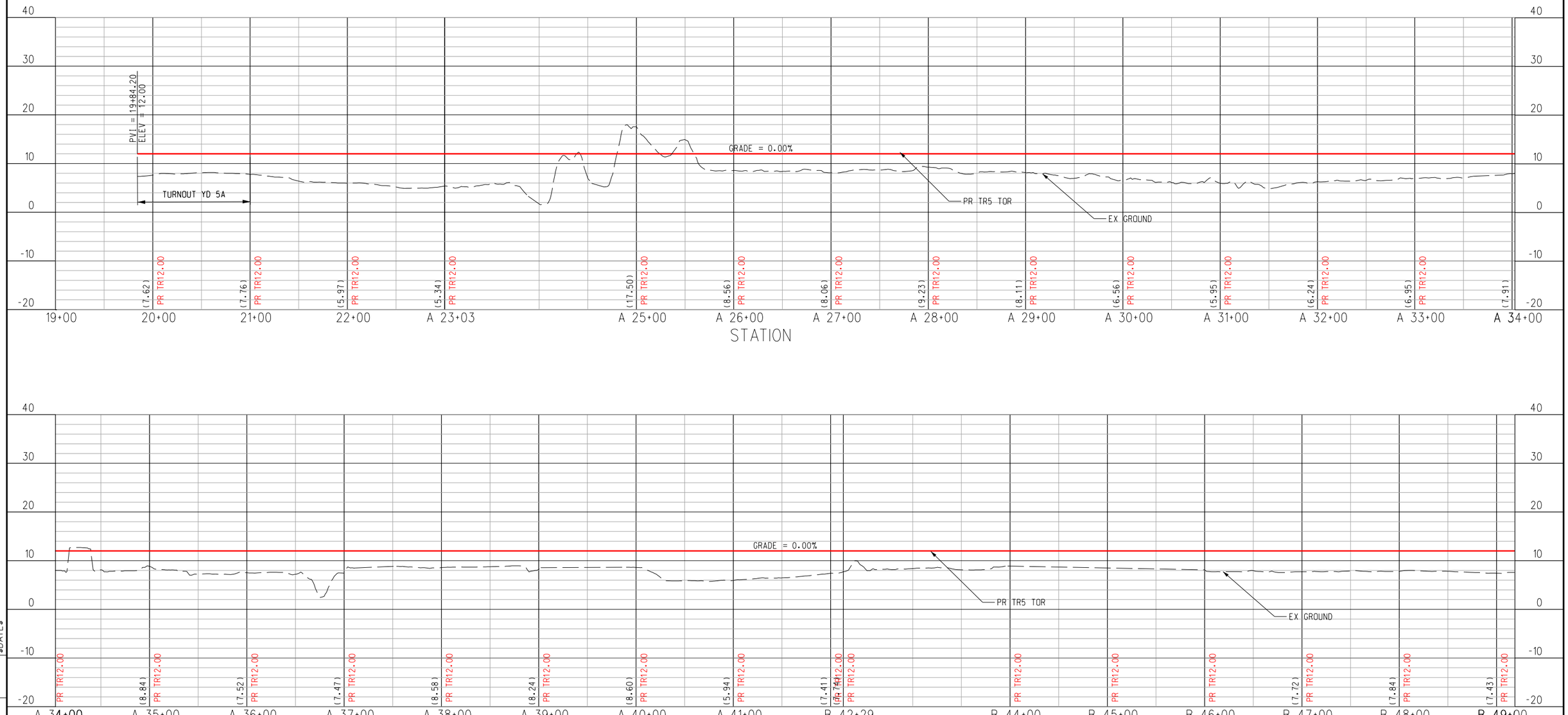
CONTRACT NO.	XX
DRAWING NO.	RP4-02
REVISION	1
SHEET NO.	34 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 4 PROFILES - SHEET 2 OF 2

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH



50' 0 50' 100'
GRAPHIC SCALE: HORZ. 1" = 50'

10' 0 10' 20'
GRAPHIC SCALE: VERT. 1" = 10'

Pen Table File
$TIME$
$DATE$

WORK ELEMENT	PHYSICAL ENTITY	CONTRACT DESIGNATOR	LINE ITEM	COST ELEMENT	PROJECT NUMBER

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

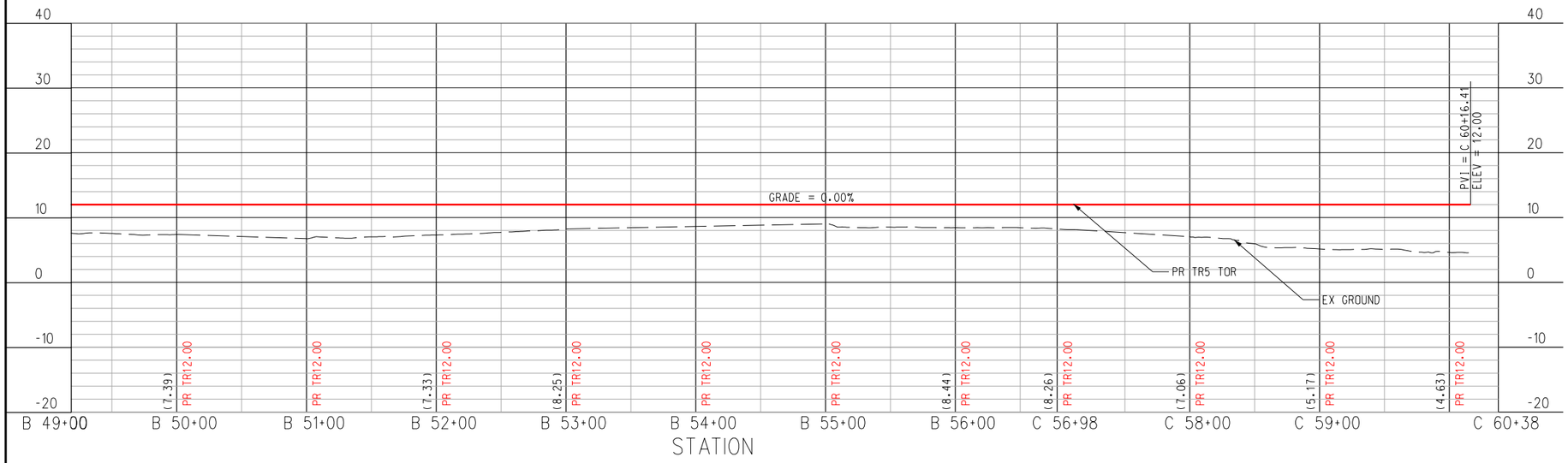
CONTRACT NO.	XX
DRAWING NO.	RP5-01
REVISION	1
SHEET NO.	35 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 5 PROFILES - SHEET 1 OF 2

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH



GRAPHIC SCALE: HORZ. 1" = 50' (50' 0 50' 100')

GRAPHIC SCALE: VERT. 1" = 10' (10' 0 10' 20')

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY: J. ROCKWELL
DRAWN BY: J. ROCKWELL
CHECKED BY: K. LAGRECA
APPROVED BY: K. LAGRECA
DATE: DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

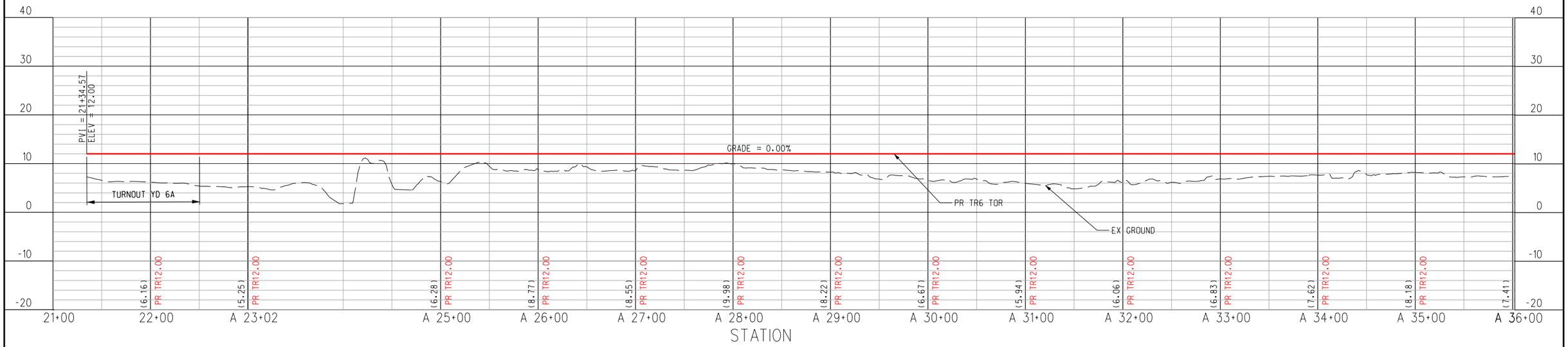
CONTRACT NO.: XX
DRAWING NO.: RP5-02
REVISION: 1
SHEET NO.: 36 OF 47
SCALE: AS SHOWN

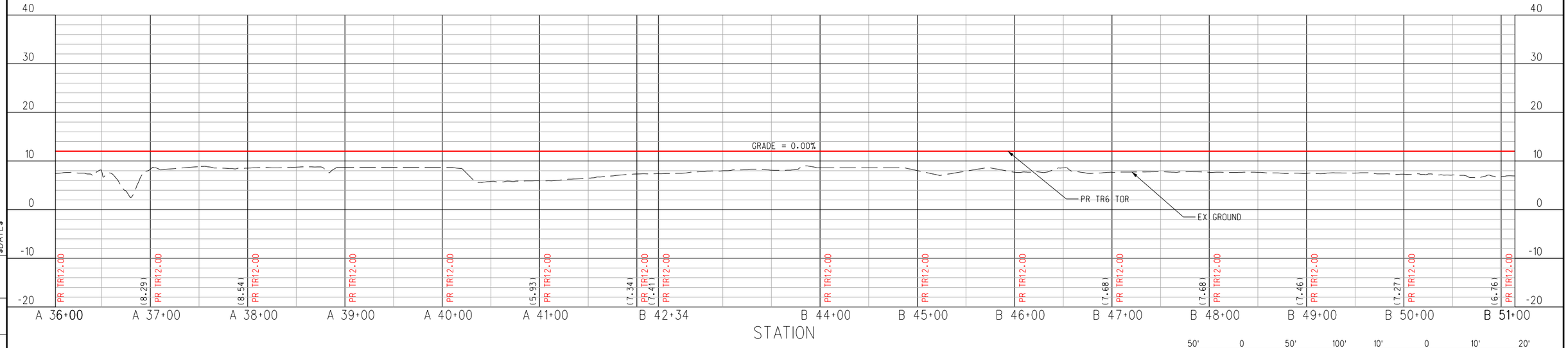
ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 5 PROFILES - SHEET 2 OF 2

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH





50' 0 50' 100'
GRAPHIC SCALE: HORZ. 1" = 50'

10' 0 10' 20'
GRAPHIC SCALE: VERT. 1" = 10'

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

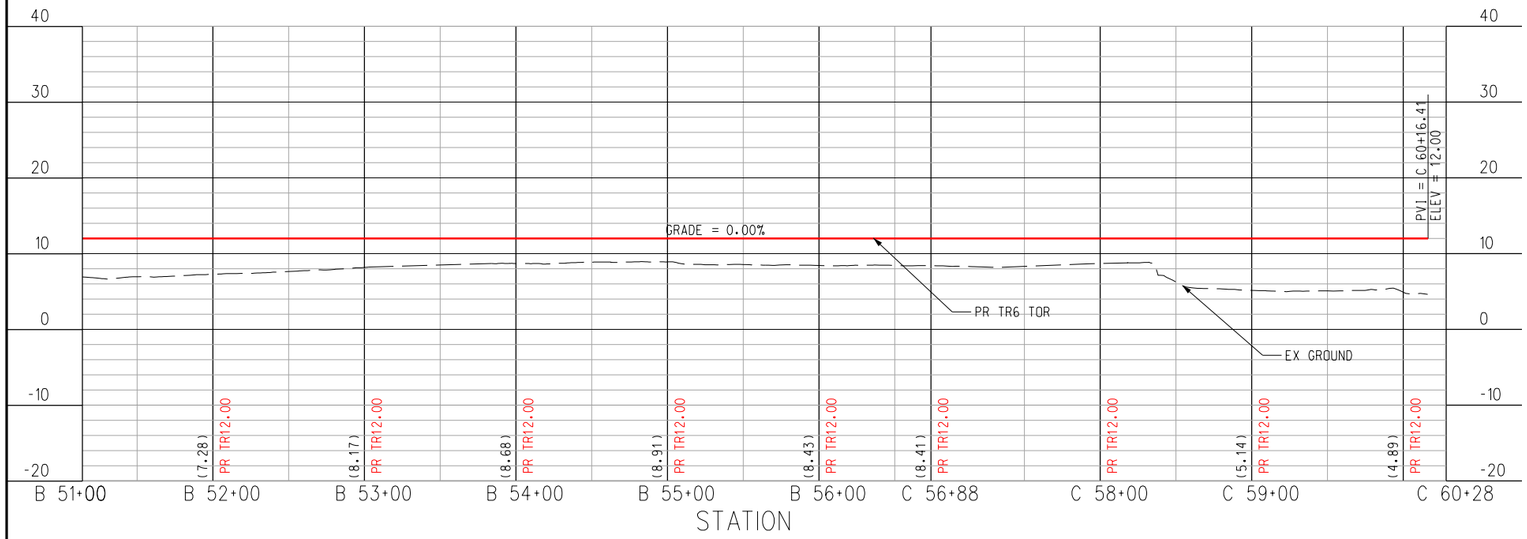
CONTRACT NO.	XX
DRAWING NO.	RP6-01
REVISION	1
SHEET NO.	37 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 6 PROFILES - SHEET 1 OF 2

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH



Pen Table File
$TIME$
$DATE$

WORK ELEMENT	PHYSICAL ENTITY	CONTRACT DESIGNATOR	LINE ITEM	COST ELEMENT	PROJECT NUMBER

50' 0 50' 100' GRAPHIC SCALE: HORZ. 1" = 50'

10' 0 10' 20' GRAPHIC SCALE: VERT. 1" = 10'

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY J. ROCKWELL
DRAWN BY J. ROCKWELL
CHECKED BY K. LAGRECA
APPROVED BY K. LAGRECA
DATE DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

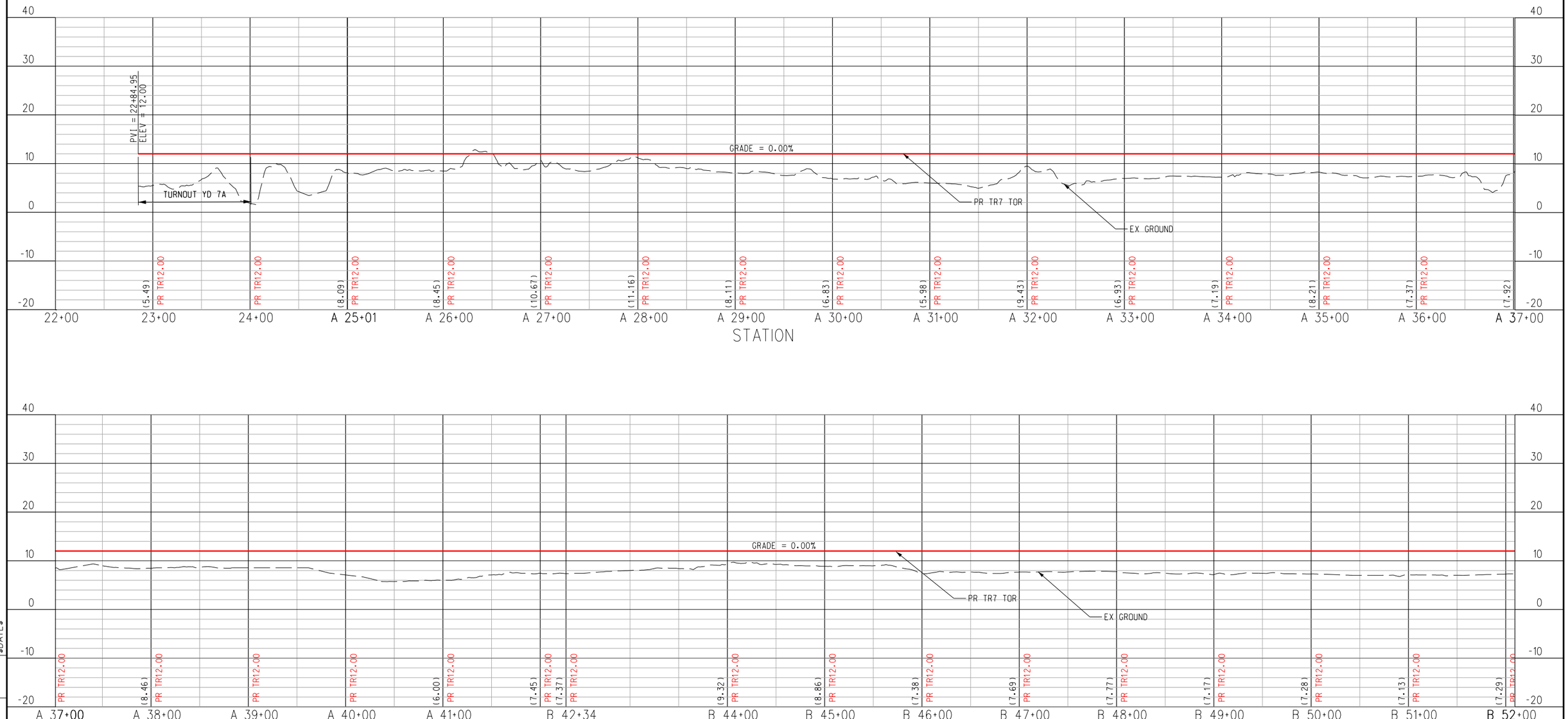
CONTRACT NO. XX
DRAWING NO. RP6-02
REVISION 1
SHEET NO. 38 OF 47
SCALE AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 6 PROFILES - SHEET 2 OF 2

CHICKASAW, AL ← **RR NORTH**

PORT, AL → **RR SOUTH**



GRAPHIC SCALE: HORZ. 1" = 50' (50' 0 50' 100')

GRAPHIC SCALE: VERT. 1" = 10' (10' 0 10' 20')

Pen Table File
$TIME$
$DATE$

REV	DATE	DESCRIPTION	BY	SUB	APP
		ISSUE FOR 30% PLANS			

Information confidential all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Alabama State Port Authority (ASPA) and shall be held confidential and shall not be used for any purpose not provided for in agreements with ASPA.

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO.	XX
DRAWING NO.	RP7-01
REVISION	1
SHEET NO.	39 OF 47
SCALE	AS SHOWN

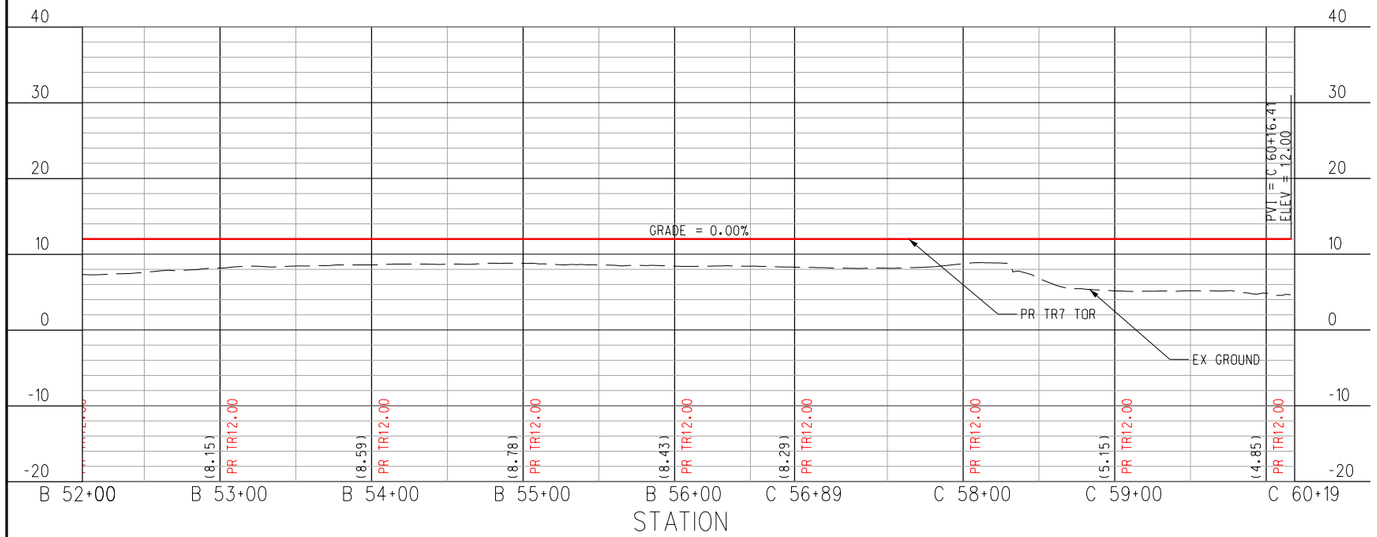
ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 7 PROFILES - SHEET 1 OF 2

PROJECT NUMBER | COST ELEMENT | LINE ITEM | CONTRACT DESIGNATOR | PHYSICAL ENTITY | WORK ELEMENT

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH



50' 0 50' 100'
GRAPHIC SCALE: HORZ. 1" = 50'

10' 0 10' 20'
GRAPHIC SCALE: VERT. 1" = 10'

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY J. ROCKWELL
DRAWN BY J. ROCKWELL
CHECKED BY K. LAGRECA
APPROVED BY K. LAGRECA
DATE DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT of MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

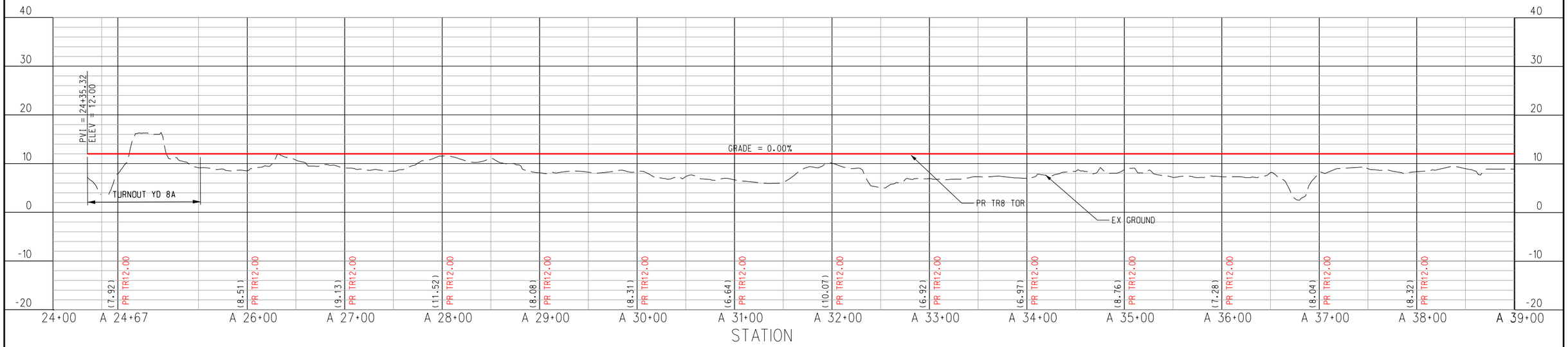
CONTRACT NO. XX
DRAWING NO. RP7-02
REVISION 1
SHEET NO. 40 OF 47
SCALE AS SHOWN

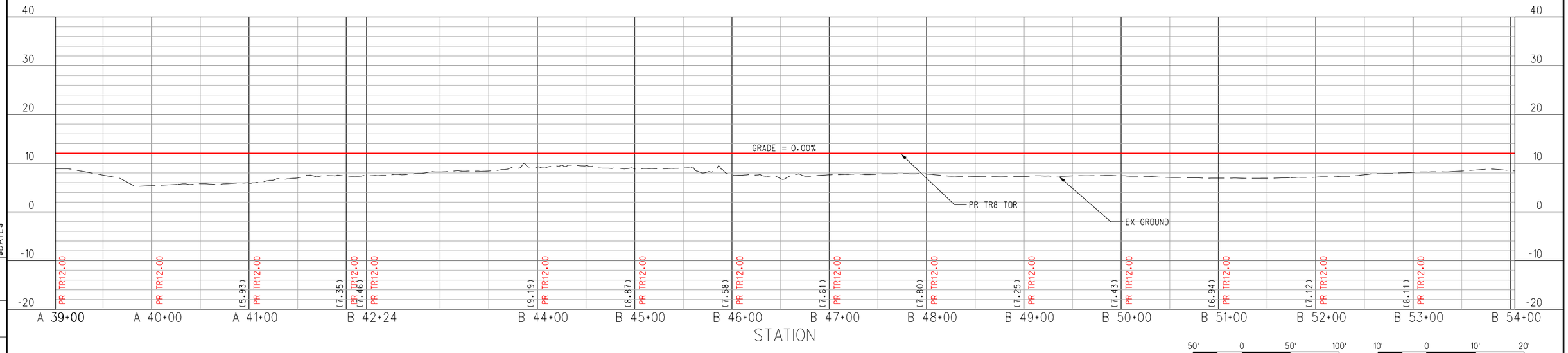
ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 7 PROFILES - SHEET 2 OF 2

CHICKASAW, AL ← **RR NORTH**

PORT, AL → **RR SOUTH**





50' 0 50' 100' GRAPHIC SCALE: HORZ. 1" = 50'

10' 0 10' 20' GRAPHIC SCALE: VERT. 1" = 10'

Pen Table File
$TIME$
$DATE$

WORK ELEMENT	PHYSICAL ENTITY	CONTRACT DESIGNATOR	LINE ITEM	COST ELEMENT	PROJECT NUMBER

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY / SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

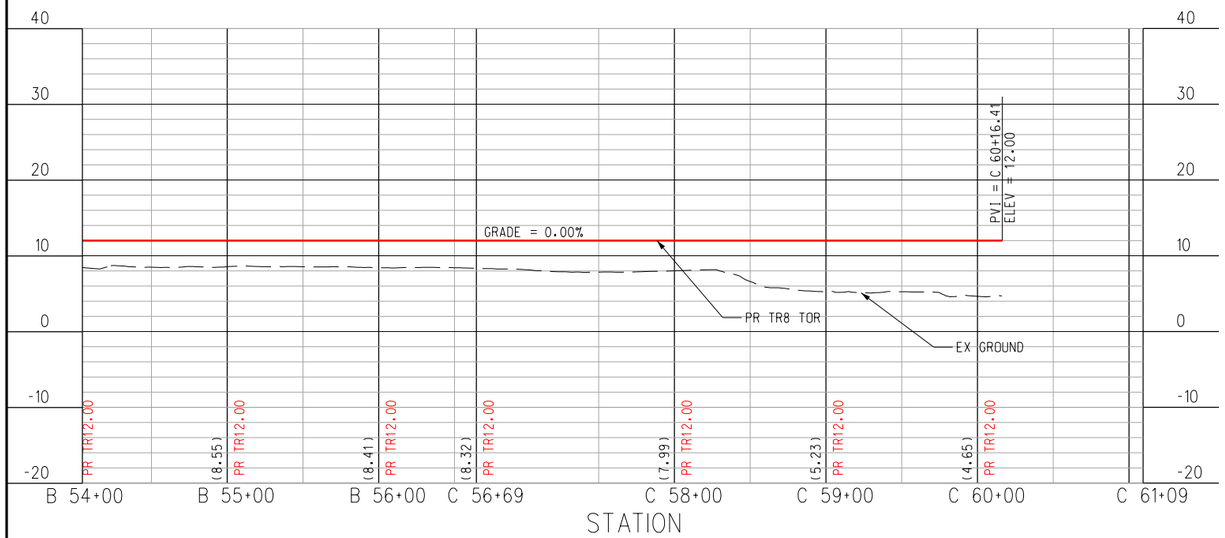
CONTRACT NO.	XX
DRAWING NO.	RP8-01
REVISION	1
SHEET NO.	41 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 8 PROFILES - SHEET 1 OF 2

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH



Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

REV	DATE	DESCRIPTION	BY / SUB	APP
		ISSUE FOR 30% PLANS		

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT of MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

GRAPHIC SCALE: HORZ. 1" = 50' (50' 0 50' 100')

GRAPHIC SCALE: VERT. 1" = 10' (10' 0 10' 20')

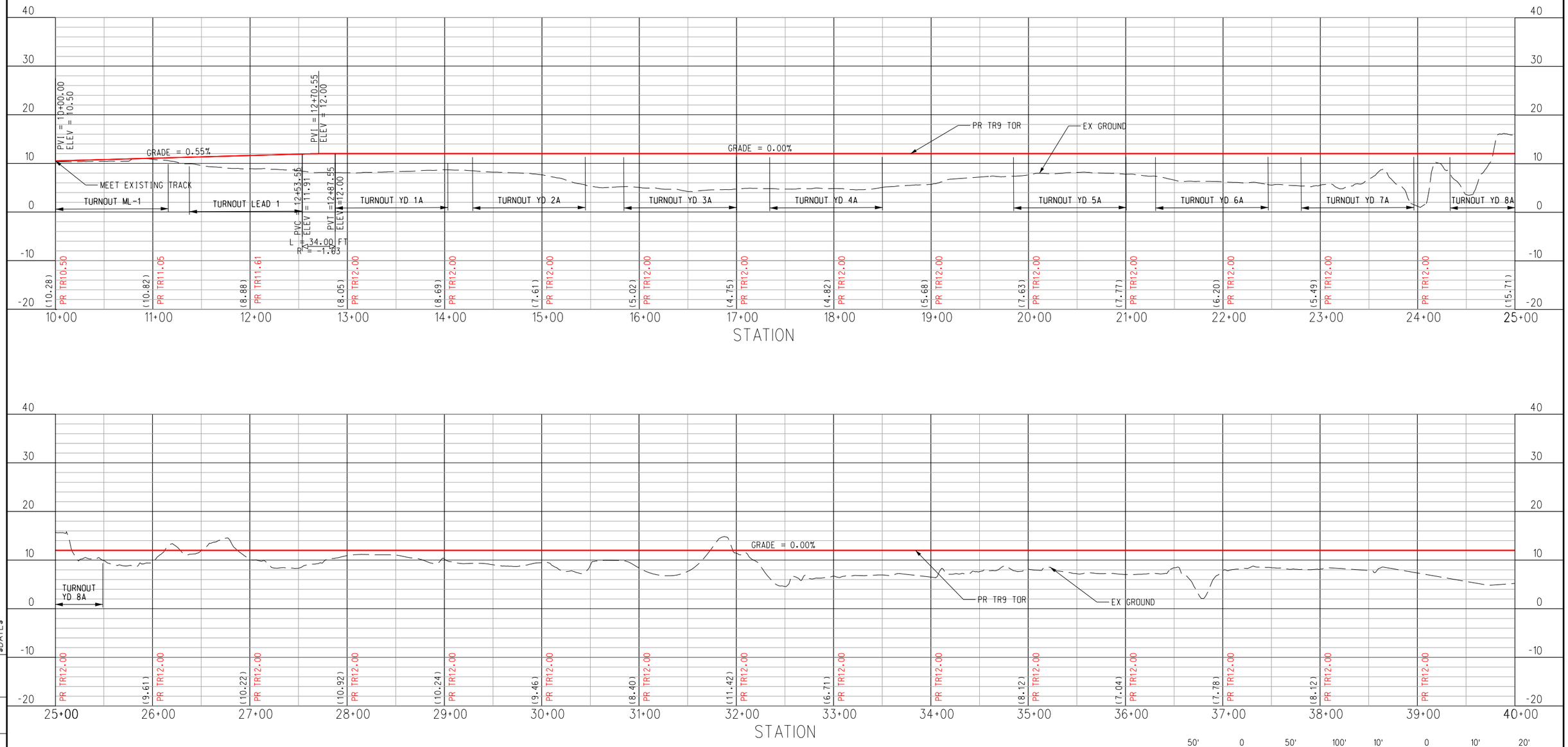
CONTRACT NO.	XX
DRAWING NO.	RP8-02
REVISION	1
SHEET NO.	42 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 8 PROFILES - SHEET 2 OF 2

CHICKASAW, AL ← **RR NORTH**

PORT, AL → **RR SOUTH**



Pen Table File
$TIME$
$DATE$

REV	DATE	DESCRIPTION	BY / SUB	APP

ISSUE FOR 30% PLANS

Information confidential all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Alabama State Port Authority (ASPA) and shall be held confidential and shall not be used for any purpose not provided for in agreements with ASPA.

DESIGNED BY	J. ROCKWELL
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CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO.	XX
DRAWING NO.	RP9-01
REVISION	1
SHEET NO.	43 OF 47
SCALE	AS SHOWN

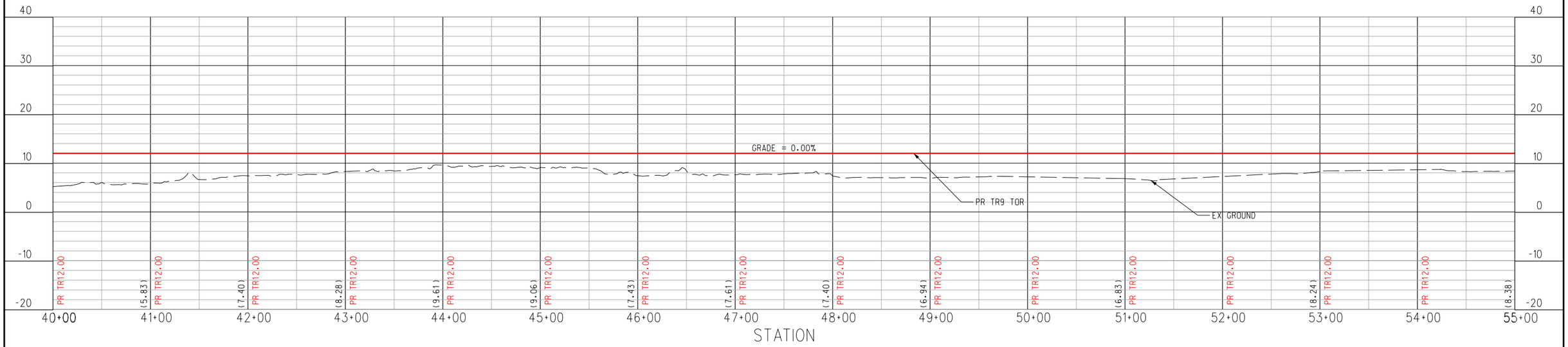
ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

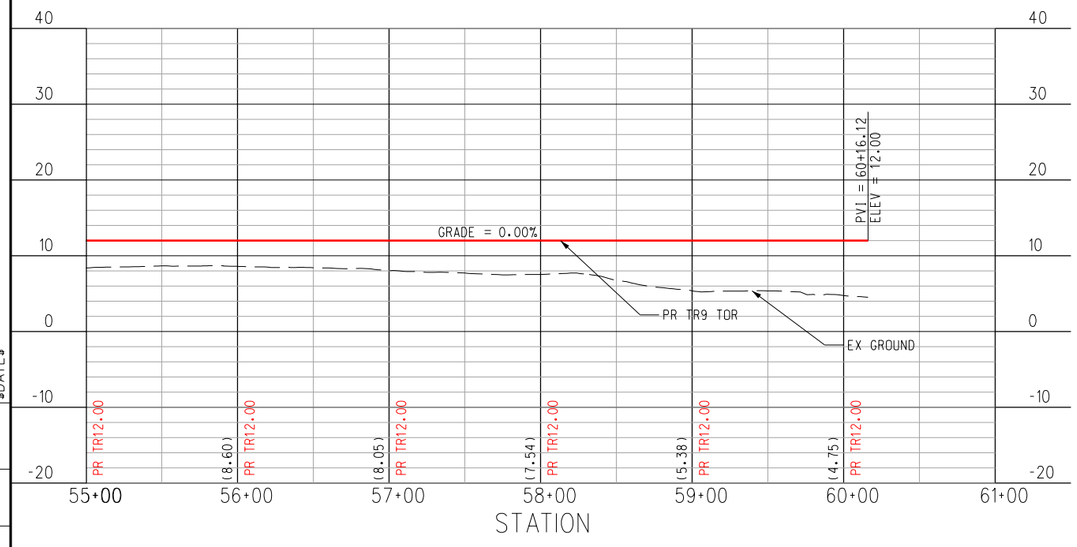
TRACK 9 PROFILES - SHEET 1 OF 2

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

CHICKASAW, AL ← **RR NORTH**

PORT, AL → **RR SOUTH**





50' 0 50' 100' GRAPHIC SCALE: HORZ. 1" = 50'

10' 0 10' 20' GRAPHIC SCALE: VERT. 1" = 10'

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

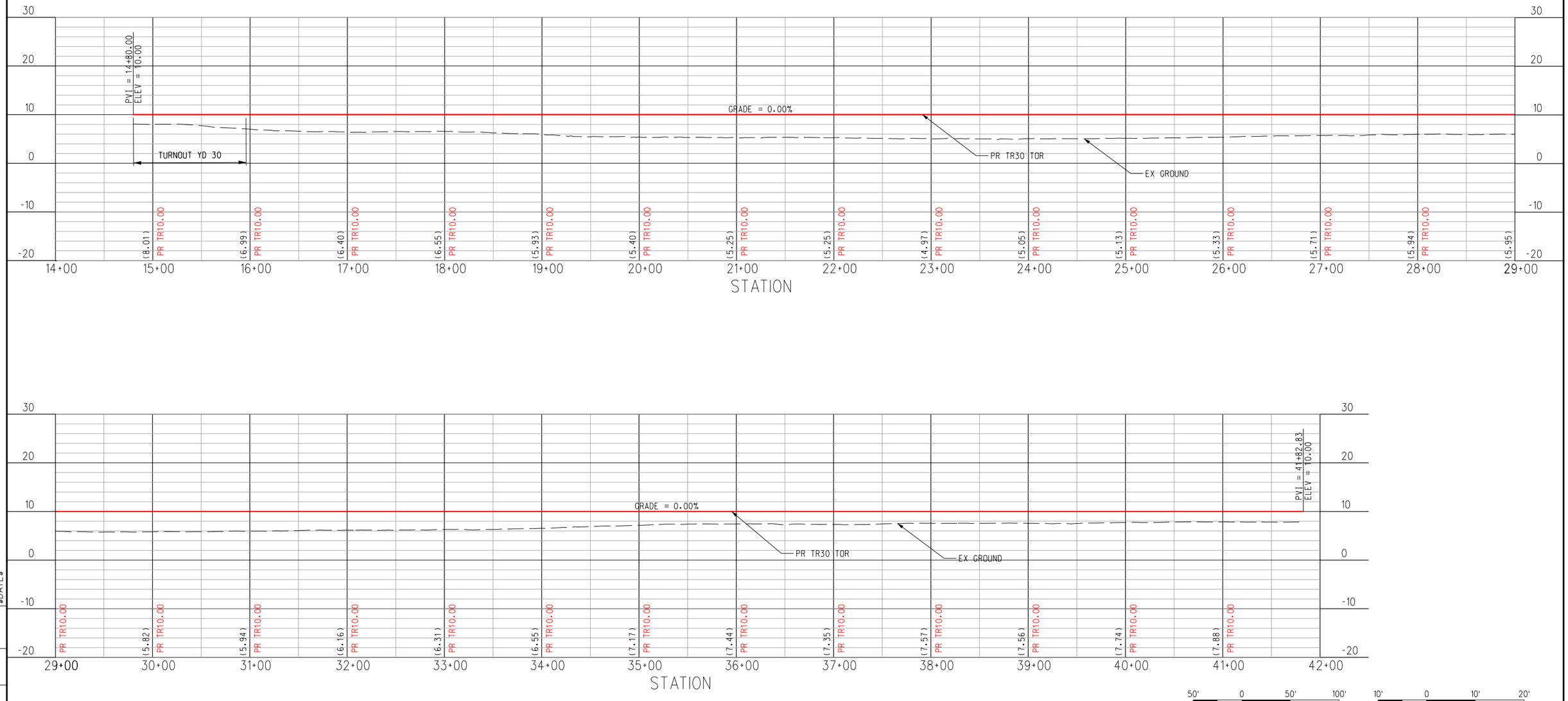
CONTRACT NO.	XX
DRAWING NO.	RP9-02
REVISION	1
SHEET NO.	44 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 9 PROFILES - SHEET 2 OF 2

CHICKASAW, AL ← **RR NORTH**

PORT, AL → **RR SOUTH**



50' 0 50' 100'
GRAPHIC SCALE: HORZ. 1" = 50'

10' 0 10' 20'
GRAPHIC SCALE: VERT. 1" = 10'

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

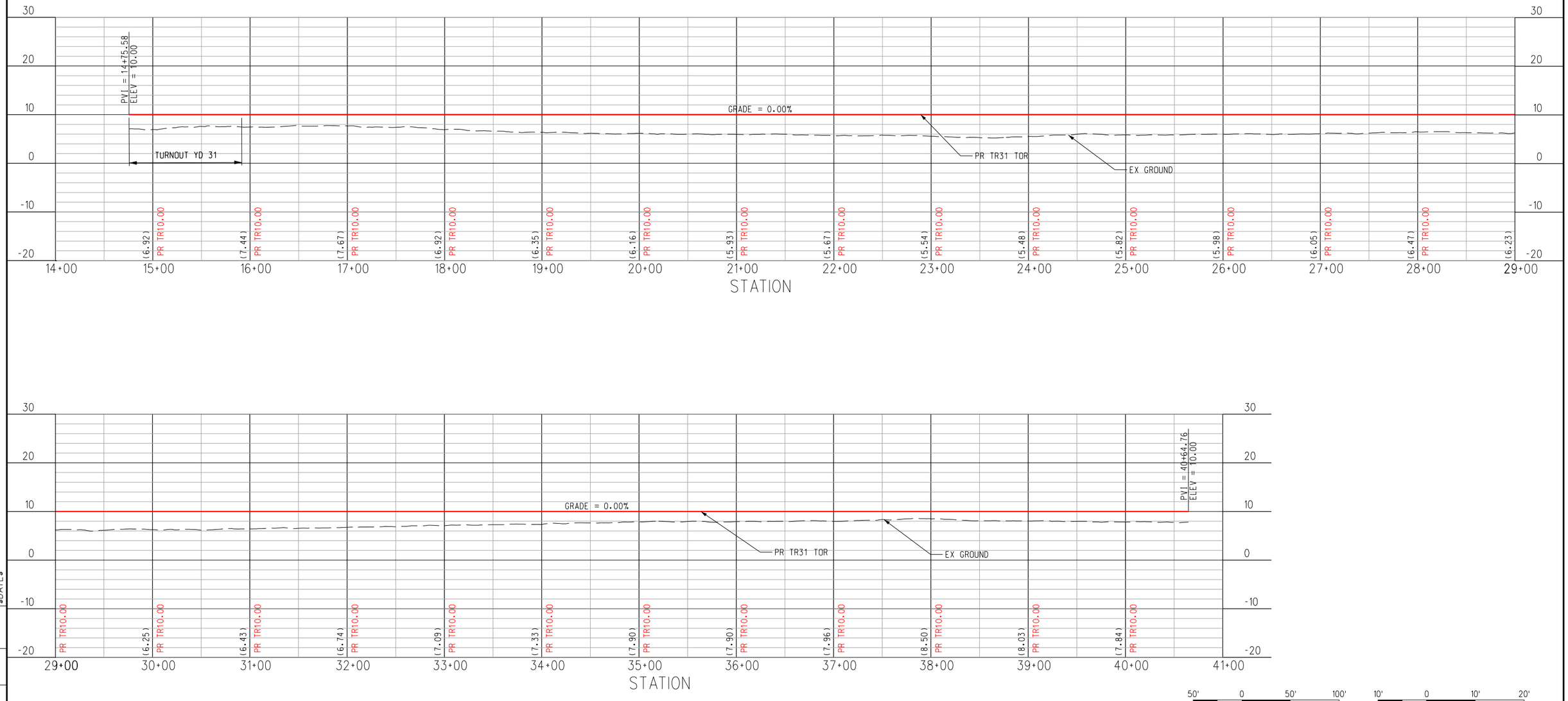
CONTRACT NO.	XX
DRAWING NO.	RP30-01
REVISION	1
SHEET NO.	45 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 30 PROFILES - SHEET 1 OF 1

CHICKASAW, AL
RR NORTH

PORT, AL
RR SOUTH



50' 0 50' 100'
GRAPHIC SCALE: HORZ. 1" = 50'

10' 0 10' 20'
GRAPHIC SCALE: VERT. 1" = 10'

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

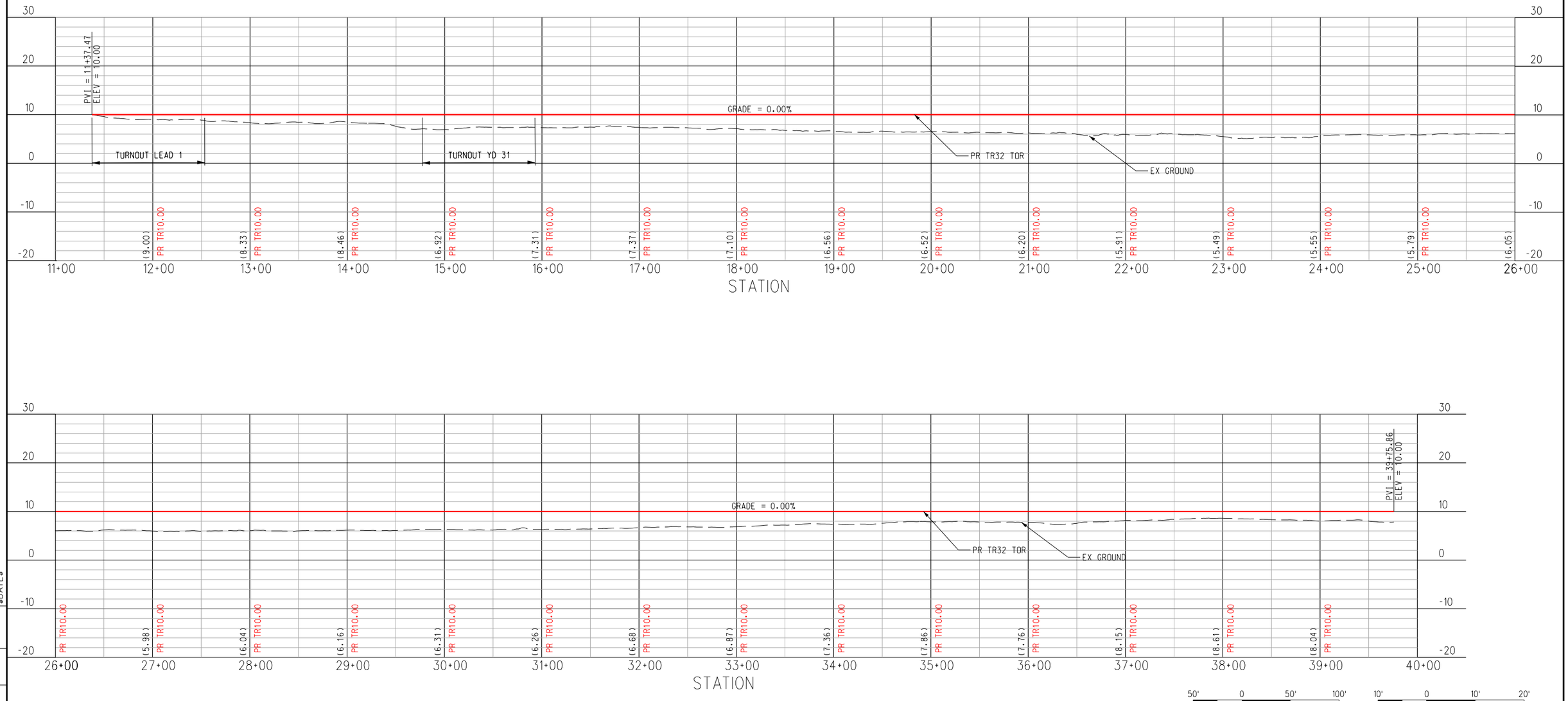
CONTRACT NO.	XX
DRAWING NO.	RP31-01
REVISION	1
SHEET NO.	46 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 31 PROFILES - SHEET 1 OF 1

CHICKASAW, AL ← **RR NORTH**

PORT, AL → **RR SOUTH**



50' 0 50' 100' GRAPHIC SCALE: HORZ. 1" = 50'

10' 0 10' 20' GRAPHIC SCALE: VERT. 1" = 10'

Pen Table File
$TIME$
$DATE$

PROJECT NUMBER	COST ELEMENT	LINE ITEM	CONTRACT DESIGNATOR	PHYSICAL ENTITY	WORK ELEMENT

ISSUE FOR 30% PLANS

REV	DATE	DESCRIPTION	BY	SUB	APP

Information confidential all plans, drawings, specifications, and/or information furnished herewith shall remain the property of the Alabama State Port Authority (ASPA) and shall be held confidential and shall not be used for any purpose not provided for in agreements with ASPA.

DESIGNED BY	J. ROCKWELL
DRAWN BY	J. ROCKWELL
CHECKED BY	K. LAGRECA
APPROVED BY	K. LAGRECA
DATE	DECEMBER 15, 2023

TERMINAL RAILWAY ALABAMA STATE DOCKS
ALABAMA STATE PORT AUTHORITY

PORT OF MOBILE ALABAMA PORT AUTHORITY

Colliers Engineering & Design

CONTRACT NO.	XX
DRAWING NO.	RP32-01
REVISION	1
SHEET NO.	47 OF 47
SCALE	AS SHOWN

ASPA TRR INTERCHANGE YARD EXPANSION PROJECT
TERMINAL RAILWAY ALABAMA STATE DOCKS
MOBILE, MOBILE COUNTY, AL

TRACK 32 PROFILES - SHEET 1 OF 1