



ALABAMA
PORT AUTHORITY
PORT OF MOBILE

PROJECT 11410
EZRA TRICE PAVING & WIDENING



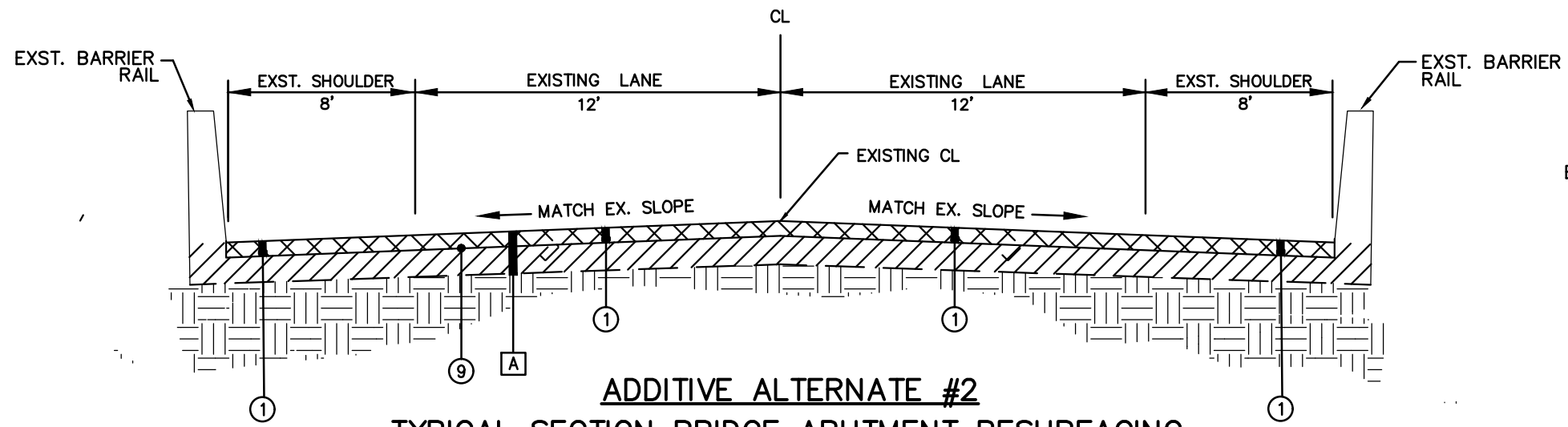
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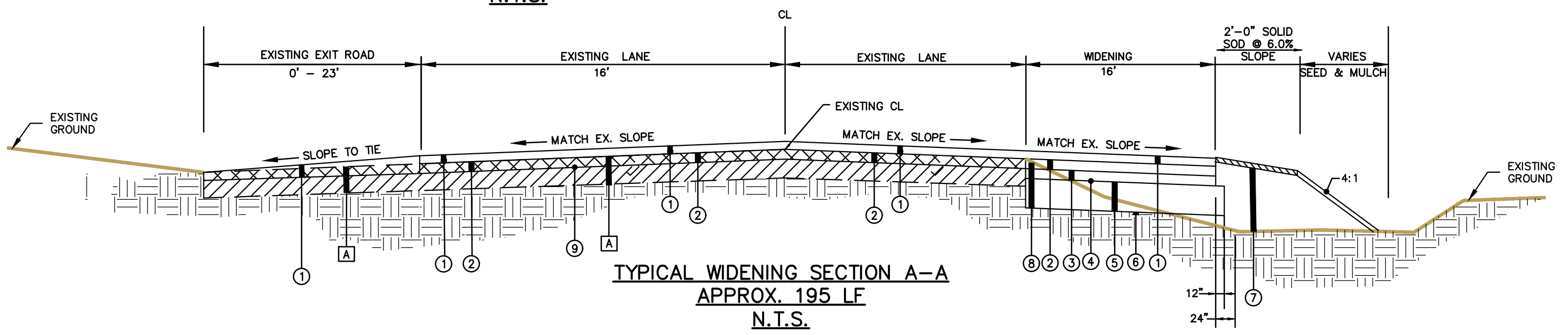
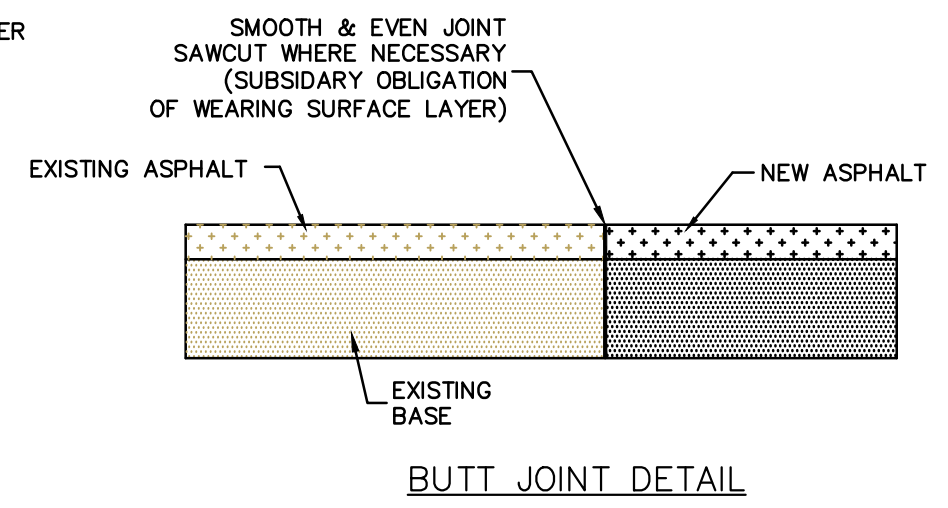
PROJECT 11410
EZRA TRICE PAVING & WIDENING

REVISIONS	DESCRIPTION
DATE	

PROJ. NO.:
11410
TASK NO.:
1
SCALE:
N.T.S.
DRAWING NO.:
1



ADDITIVE ALTERNATE #2
TYPICAL SECTION BRIDGE ABUTMENT RESURFACING
 APPROX. 500 LF
 N.T.S.



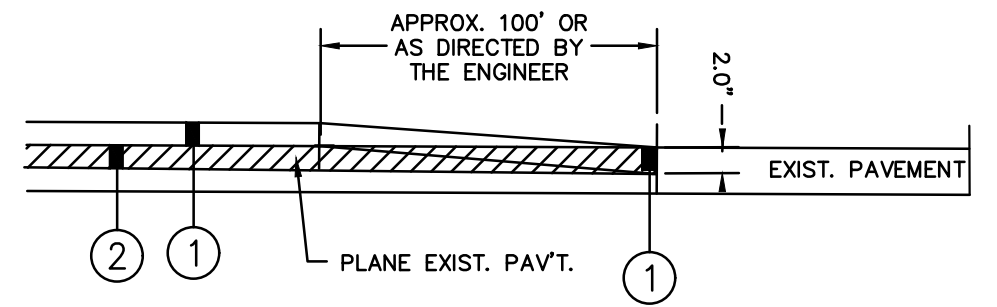
TYPICAL WIDENING SECTION A-A
 APPROX. 195 LF
 N.T.S.

ROADWAY STRUCTURE DESCRIPTION

- A] IN PLACE BITUMINOUS PAVEMENT TO BE MILLED 2". ITEM 408A-052
- ① SUPERPAVE BITUMINOUS CONCRETE SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX ESAL RANGE E, 225 POUNDS PER SQUARE YARD. ITEM: 424A-280
- ② SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX ESAL RANGE E, 250 POUNDS PER SQUARE YARD. ITEM: 424B-281
- ③ SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX ESAL RANGE E, 250 POUNDS PER SQUARE YARD. ITEM: 424B-581
- ④ BITUMINOUS TREATMENT TYPE A. ITEM: 401A-000
- ⑤ CRUSHED AGGREGATE BASE COURSE, TYPE B PLANT MIXED, 6" COMPACTED THICKNESS ITEM: 301A-012
- ⑥ ROADBED PROCESSING. ITEM 230A-000
- ⑦ BORROW EXCAVATION [(A-2-4(0) OR A-4(0)]. ITEM: 210D-012
- ⑧ UNCLASSIFIED EXCAVATION ITEM: 210A-000
- ⑨ TACK COAT. ITEM 405A-000
- ⑩ 4"x4" TREATED WOOD POST WITH ROPE FENCE

NOTES:

- ITEM 301A-012 SHOULD EXTEND ONE (1) FT BEYOND LIMITS OF THE OVERLYING LOWER BINDER LAYER.
- ITEM 230A-000 SHOULD EXTEND ONE (1) FT BEYOND THE LIMITS OF THE OVERLYING CRUSHED AGGREGATE BASE LAYER.
- IN AREAS WHERE WIDENING IS LESS THAN 6 FT, COMPACTION REQUIREMENTS FOR LOWER BINDER LAYER WILL BE WAIVED.
- IN AREAS WHERE WIDENING IS LESS THAN 6 FT, ROADBED PROCESSING WILL BE WAIVED AND THE TOP 6" OF THE SOILS SHALL BE COMPACTED TO THE SATISFACTION OF A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER.
- EXISTING ASPHALT ABUTTING WIDENING PORTION TO BE SAWCUT TO FORM JOINT TO ABUT NEW ASPHALT BUILDUP.



REQUIRED TREATMENT BEGINNING/ENDING OF PROJECT

REVISIONS	DESCRIPTION
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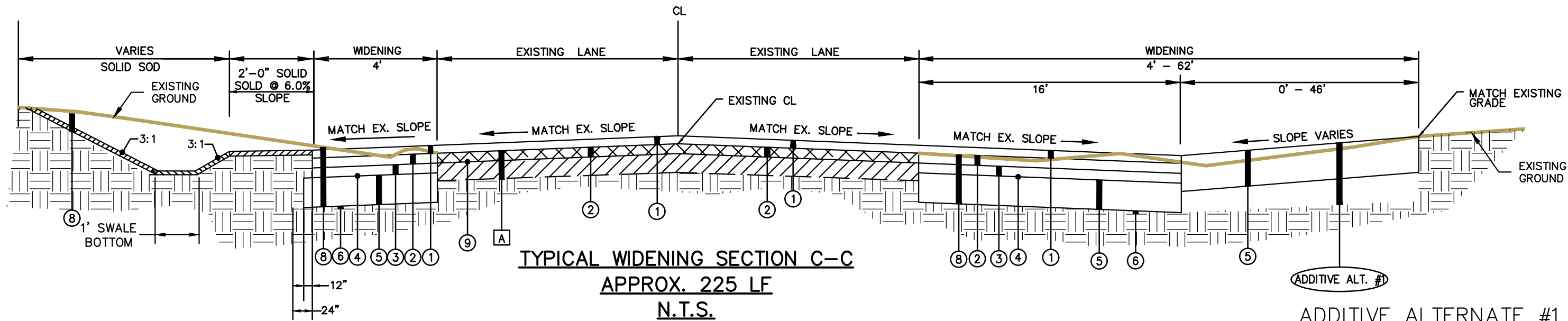
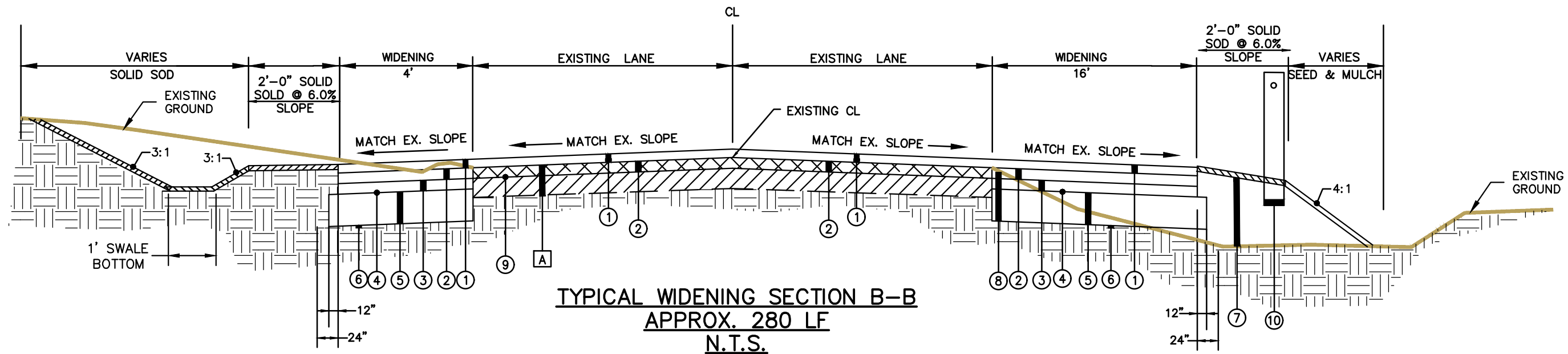


REVISIONS	DESCRIPTION

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PROJ. NO.: 11410
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DRAWING NO.: 3



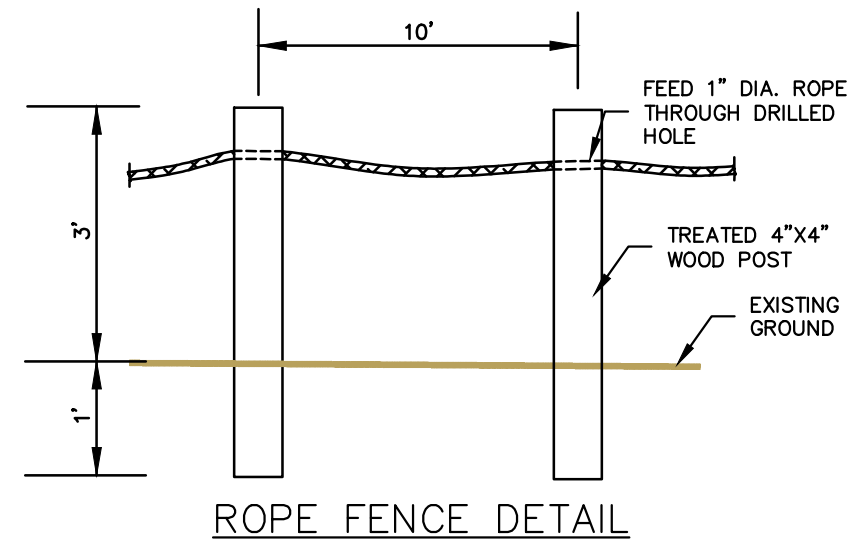
ADDITIVE ALTERNATE #1
ADDITIVE ALTERNATE #1 WILL INCLUDE FULL ASPHALT BUILDUP ABOVE CRUSHED AGGREGATE B-BASE EXTENDED TO LIMITS SHOWN ON SHEET 6.

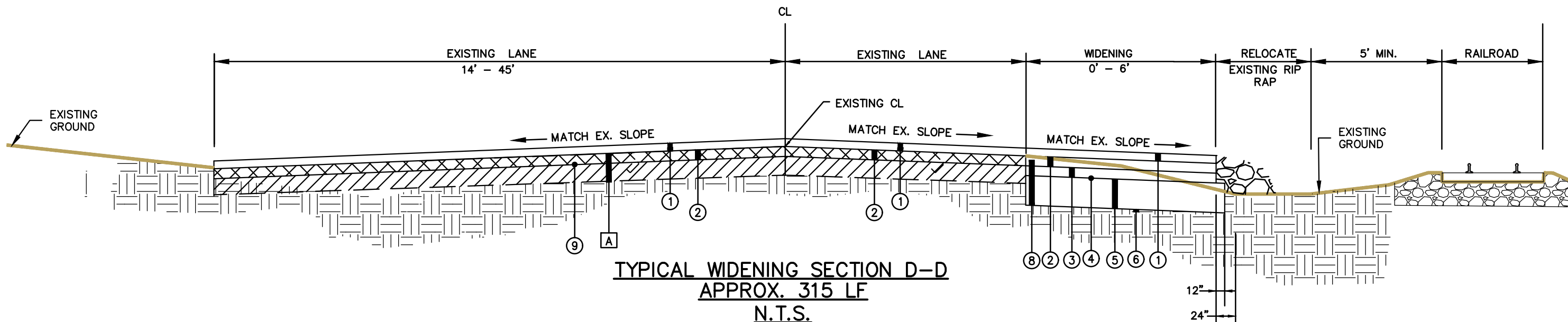
ROADWAY STRUCTURE DESCRIPTION

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- 1** SUPERPAVE BITUMINOUS CONCRETE SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX ESAL RANGE E, 225 POUNDS PER SQUARE YARD. ITEM: 424A-280
- 2** SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX ESAL RANGE E, 250 POUNDS PER SQUARE YARD. ITEM: 424B-281
- 3** SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX ESAL RANGE E, 250 POUNDS PER SQUARE YARD. ITEM: 424B-581
- 4** BITUMINOUS TREATMENT TYPE A. ITEM: 401A-000
- 5** CRUSHED AGGREGATE BASE COURSE, TYPE B PLANT MIXED, 6" COMPACTED THICKNESS ITEM: 301A-012
- 6** ROADBED PROCESSING. ITEM 230A-000
- 7** BORROW EXCAVATION [(A-2-4(0) OR A-4(0))]. ITEM: 210D-012
- 8** UNCLASSIFIED EXCAVATION ITEM: 210A-000
- 9** TACK COAT. ITEM 405A-000
- 10** 4"x4" TREATED WOOD POST WITH ROPE FENCE

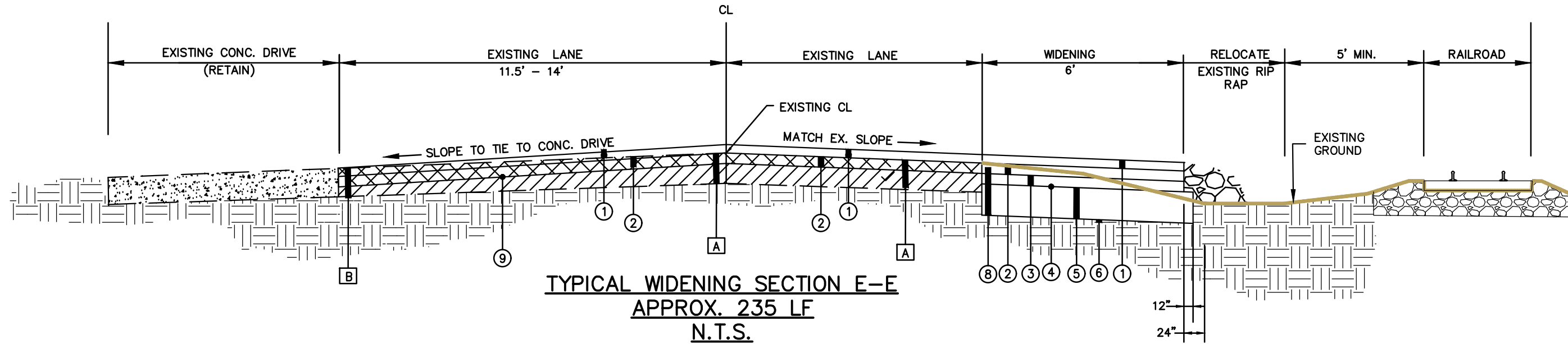
NOTES:

- ITEM 301A-012 SHOULD EXTEND ONE (1) FT BEYOND LIMITS OF THE OVERLYING LOWER BINDER LAYER.
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- EXISTING ASPHALT ABUTTING WIDENING PORTION TO BE SAWCUT TO FORM JOINT TO ABUT NEW ASPHALT BUILDUP.





TYPICAL WIDENING SECTION D-D
APPROX. 315 LF
N.T.S.



TYPICAL WIDENING SECTION E-E
APPROX. 235 LF
N.T.S.

ROADWAY STRUCTURE DESCRIPTION

- A** IN PLACE BITUMINOUS PAVEMENT TO BE MILLED 2". ITEM 408A-052
- B** IN PLACE BITUMINOUS PAVEMENT TO BE MILLED 4". ITEM 408A-054
- 1** SUPERPAVE BITUMINOUS CONCRETE SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX ESAL RANGE E, 225 POUNDS PER SQUARE YARD. ITEM: 424A-280
- 2** SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX ESAL RANGE E, 250 POUNDS PER SQUARE YARD. ITEM: 424B-281
- 3** SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX ESAL RANGE E, 250 POUNDS PER SQUARE YARD. ITEM: 424B-581
- 4** BITUMINOUS TREATMENT TYPE A. ITEM: 401A-000
- 5** CRUSHED AGGREGATE BASE COURSE, TYPE B PLANT MIXED, 6" COMPACTED THICKNESS ITEM: 301A-012
- 6** ROADBED PROCESSING. ITEM 230A-000
- 7** BORROW EXCAVATION [(A-2-4(0) OR A-4(0)]. ITEM: 210D-012
- 8** UNCLASSIFIED EXCAVATION ITEM: 210A-000
- 9** TACK COAT. ITEM 405A-000

NOTES:

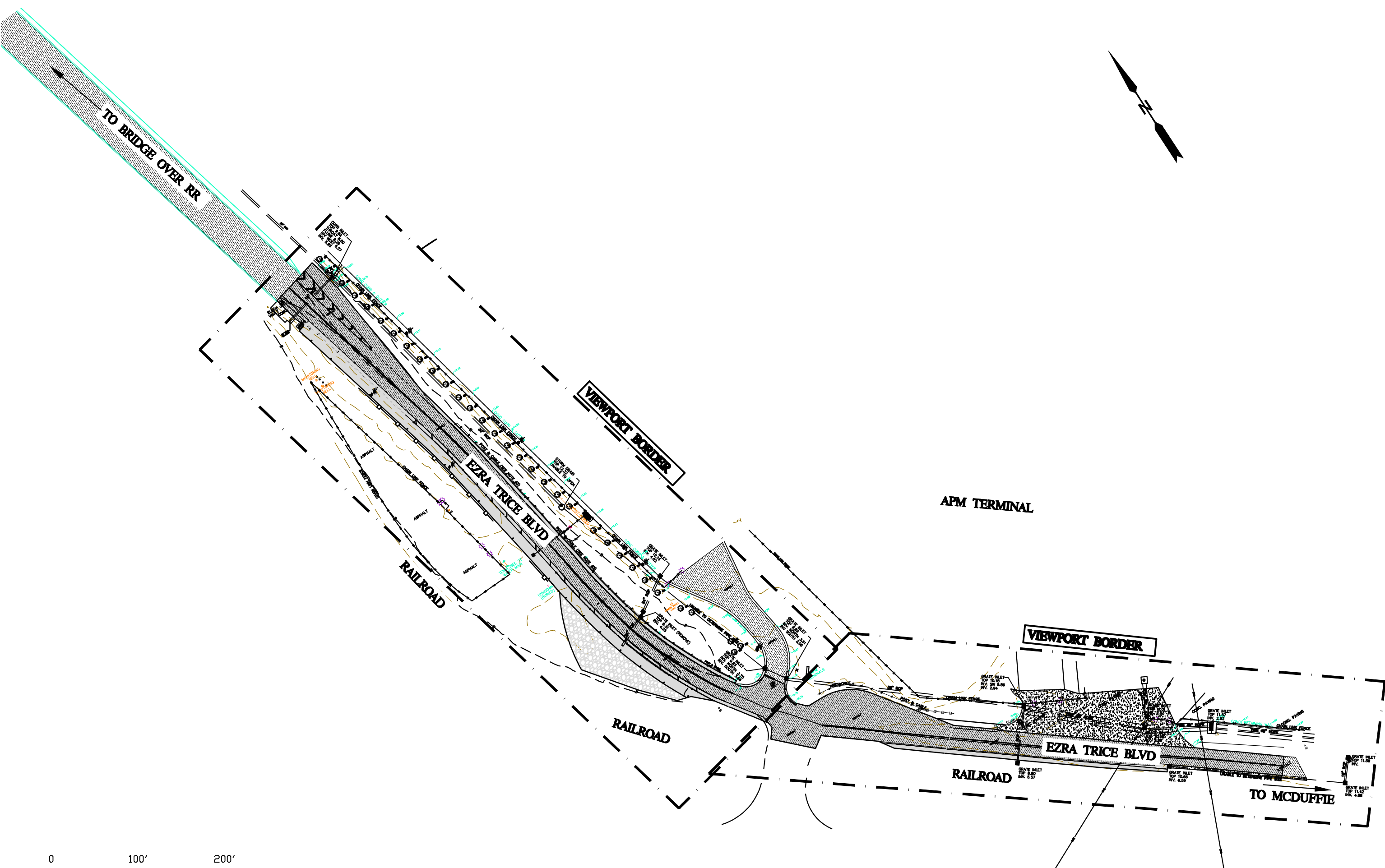
- ITEM 301A-012 SHOULD EXTEND ONE (1) FT BEYOND LIMITS OF THE OVERLYING LOWER BINDER LAYER.
- ITEM 230A-000 SHOULD EXTEND ONE (1) FT BEYOND THE LIMITS OF THE OVERLYING CRUSHED AGGREGATE BASE LAYER.
- IN AREAS WHERE WIDENING IS LESS THAN 6 FT, COMPACTION REQUIREMENTS FOR LOWER BINDER LAYER WILL BE WAIVED.
- IN AREAS WHERE WIDENING IS LESS THAN 6 FT, ROADBED PROCESSING WILL BE WAIVED AND THE TOP 6" OF THE SOILS SHALL BE COMPACTED TO THE SATISFACTION OF A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER.
- EXISTING ASPHALT ABUTTING WIDENING PORTION TO BE SAWCUT TO FORM JOINT TO ABUT NEW ASPHALT BUILDUP.

PROJECT 11410
EZRA TRICE PAVING & WIDENING
TYPICAL SECTIONS

REVISIONS	DESCRIPTION
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PROJ. NO.: 11410
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SCALE: N.T.S.
DRAWING NO.: 4



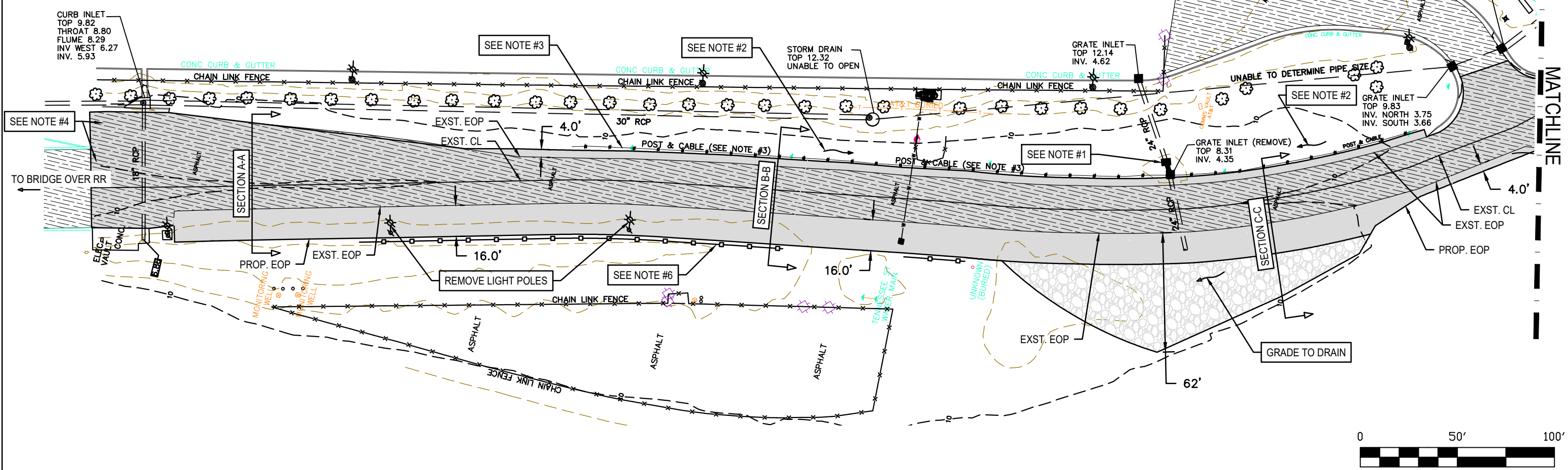
PROJECT 11410
 EZRA TRICE PAVING & WIDENING
 KEY SHEET

REVISIONS	DESCRIPTION
DATE	



PROJ. NO.:
11410
 TASK NO.:
1
 SCALE:
1" = 100'
 DRAWING NO.:
5

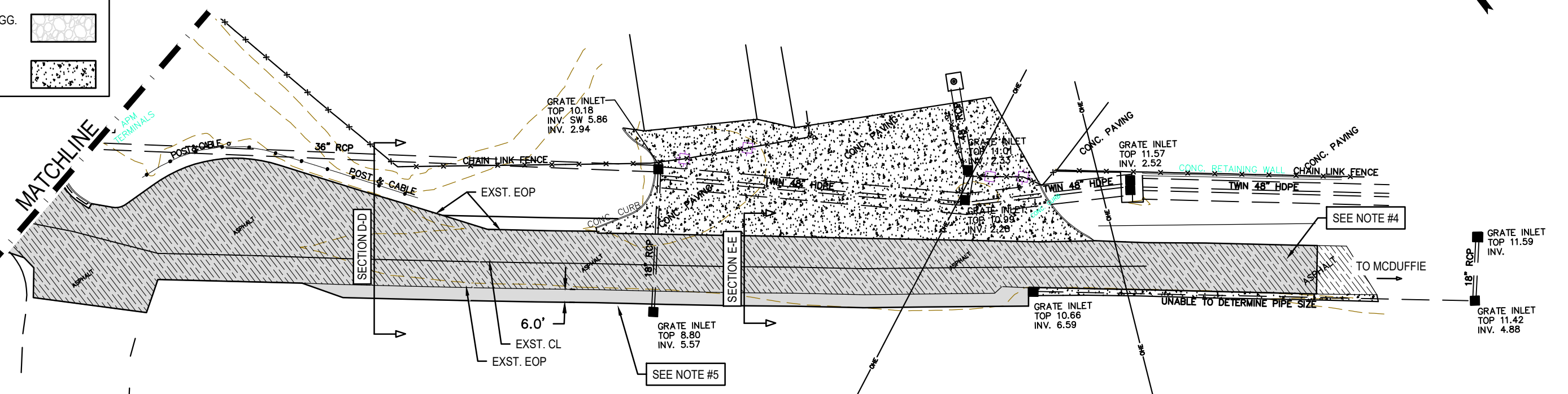
- NOTES**
1. REMOVE EXISTING INLET AND 8 LF OF EXISTING RCP. INSTALL NEW ALDOT TYPE "C" INLET, 8 LF OF 24" RCP WITH CONCRETE COLLAR TYING TO EXISTING 24" RCP. RIM ELEV. = 8.40' AND INVERT ELEV. = 4.40'.
 2. CONTRACTOR TO GRADE SWALE TO DRAIN TO NEW INLET. ALL DISTURBED AREA TO RECEIVE TOPSOIL AND SOLID SOD.
 3. REMOVE EXISTING ROPE FENCE AND INSTALL NEW FENCE PER DETAIL ON SHEET 3 APPROX. 2' OFF PROPOSED EOP OR AS DIRECTED BY THE ENGINEER.
 4. "FEATHER" TIE-IN TO EXISTING ASPHALT PER DETAIL ON TYPICAL SECTION SHEET 002.
 5. RELOCATE RIP RAP AND JERSEY BARRIERS BETWEEN RAIL TRACKS AND WIDENING SECTION ACROSS FROM APM TRUCK ENTRANCE.
 6. INSTALL FENCE PER DETAIL ON SHEET 3. PLACE APPROX. 2' OFF PROPOSED EOP OR AS DIRECTED BY THE ENGINEER.



LEGEND

EXISTING ASPHALT	
PROPOSED ASPHALT	
PROPOSED CRUSHED AGG. *(SEE ADD. ALT. NOTE)	
EXISTING CONCRETE	

*ADDITIVE ALTERNATE #1:
CRUSHED AGGREGATE AREA WILL
RECEIVE FULL ASPHALT BUILDUP IF
ADDITIVE ALTERNATE #1 IS AWARDED



PROJECT 11410
EZRA TRICE PAVING & WIDENING
PAVING LAYOUT

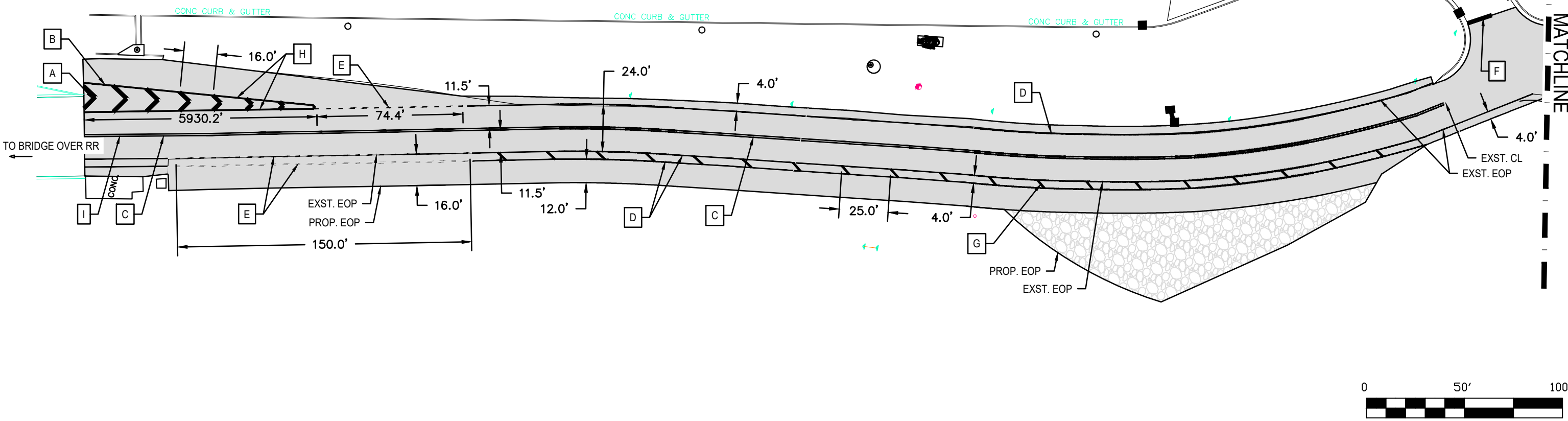
REVISIONS	DESCRIPTION
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PROJ. NO.:
11410
TASK NO.:
1
SCALE:
1"=50'
DRAWING NO.:
6

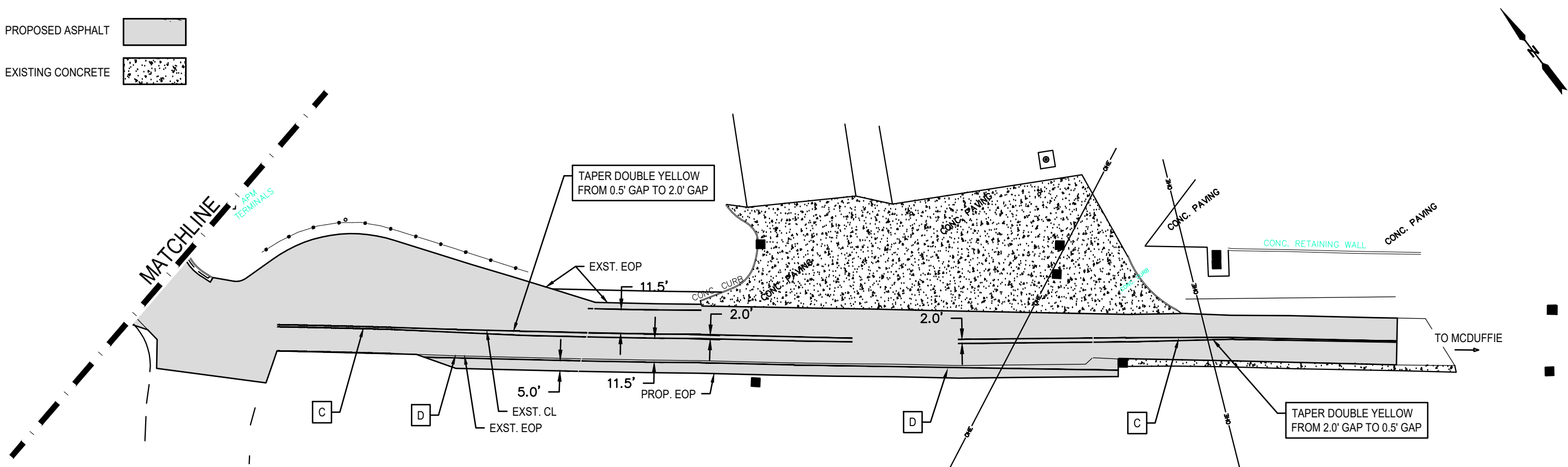
STRIPING LEGEND

- A. 24" SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A
- B. 8" SOLID WHITE TRAFFIC STRIPE, CLASS 2, TYPE A
- C. 5" DOUBLE YELLOW TRAFFIC STRIPE, CLASS 2, TYPE A
- D. 5" SOLID WHITE TRAFFIC STRIPE, CLASS 2, TYPE A
- E. 5" DOTTED WHITE TRAFFIC STRIPE, CLASS 2, TYPE A
- F. 24" SOLID WHITE STOP BAR, CLASS 2, TYPE A
- G. 12" SOLID WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A
- H. PAVEMENT MARKERS CLASS A, TYPE 2-A @ 3' O.C.
- I. PAVEMENT MARKERS CLASS A, TYPE 2-D @ 30' O.C.



HATCH LEGEND

- PROPOSED ASPHALT
- EXISTING CONCRETE



MATCHLINE

EXST. CL
EXST. EOP

PROP. EOP
EXST. EOP

PROJECT 11410
EZRA TRICE PAVING & WIDENING
STRIPING PLAN

REVISIONS	DESCRIPTION
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PROJ. NO.: 11410
TASK NO.: 1
SCALE: 1"=50'
DRAWING NO.: 7

PROJECT NOTES

1. LANE CLOSURES WILL ONLY BE PERMITTED BETWEEN THE HOURS OF 6:00 PM – 6:00 AM ON MONDAYS THROUGH FRIDAYS AND ON WEEKENDS BETWEEN FRIDAY STARTING AT 6:00 PM THROUGH MONDAY AT 6:00 AM. HEAVY TRUCK TRAFFIC IS ANTICIPATED DURING THE WEEKDAYS. CONSTRUCTION SHOULD NOT NEGATIVE IMPACT WEEKDAY TRUCK TRAFFIC THROUGH THE PROJECT LIMITS.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY TRAFFIC CONTROL DEVICES, FLAGGERS, BARRELS, CONES, BARRICADES, MESSAGE BOARDS, ETC. TO SAFELY DIRECT AND CONTROL TRAFFIC.
3. THE CONTRACTOR SHALL NOT LEAVE MILLED ASPHALT SURFACE OPEN TO TRAFFIC. THE UPPER BINDER ASPHALT LAYER MUST BE PLACED PRIOR TO OPENING ROADWAY TO NORMAL TRAFFIC OPERATIONS. TEMPORARY STRIPING SHALL BE INSTALLED PRIOR TO TRAFFIC AND BEFORE THERMOPLASTIC IS INSTALLED.
4. PORTIONS OF ROADWAY WIDENING WILL BE IN CLOSE PROXIMITY TO ACTIVE RAILROADS. THE CONTRACTOR SHALL GIVE A 24 HOUR NOTICE TO APSA TO HAVE THE RAIL CARS AND RAILROAD OPERATIONS CLEARED PRIOR TO CONSTRUCTION IN THESE AREAS.
5. CONSTRUCTION PRACTICES AND PROCEDURES MUST MEET ALDOT STANDARD SPECIFICATIONS AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST ADDITIONS. THE CONTRACTOR SHALL HAVE COPIES OF THE FOLLOWING PUBLICATIONS FOR REFERENCE:
 - STATE OF ALABAMA HIGHWAY DEPARTMENT, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, MOST CURRENT EDITION
 - MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), PART VI
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
3. THE CONTRACTOR SHALL COORDINATE ALL REQUIRED TESTING WITH THE ENGINEER. SOILS AND ASPHALT TESTING WILL BE IN ACCORDANCE WITH ALDOT SPECIFICATIONS AND AS NOTED IN THE PLANS.
4. THE SUB-BASE AND BASE SHALL BE TESTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND APPROVED PRIOR TO LAYING ASPHALT.
5. MANUFACTURING AND INSTALLATION OF CONCRETE STRUCTURES AND PIPES SHALL MEET CURRENT ALDOT SPECIFICATIONS. PRECAST MATERIAL TO BE MANUFACTURED AT AN ALDOT CERTIFIED PLANT.
6. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING EROSION CONTROL DEVICES AS NEEDED TO PREVENT SEDIMENTATION INTO DRAINAGE OUTLETS AND LIMIT TRACKING ON TO ASPHALT.
7. ALL DISTURBED AREAS NOT PAVED ARE TO BE STABILIZED WITH TOPSOIL, SEEDING, AND MULCHING OR SOD AS SOON AS POSSIBLE.
8. ANY SEED AND MULCH SHALL BE APPLIED AND MAINTAINED ACCORDING TO ALABAMA SOIL AND WATER CONSERVATION COMMITTEE GUIDE FOR EROSION & SEDIMENT CONTROL, CURRENT EDITION.
9. CONTRACTOR SHALL ADHERE TO THE ALABAMA HANDBOOK FOR EROSION AND SEDIMENT CONTROL.

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 PROJECT NOTES

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 1
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 1"=50'
 DRAWING NO.:
 8