

TIP PROJECT: I-5995

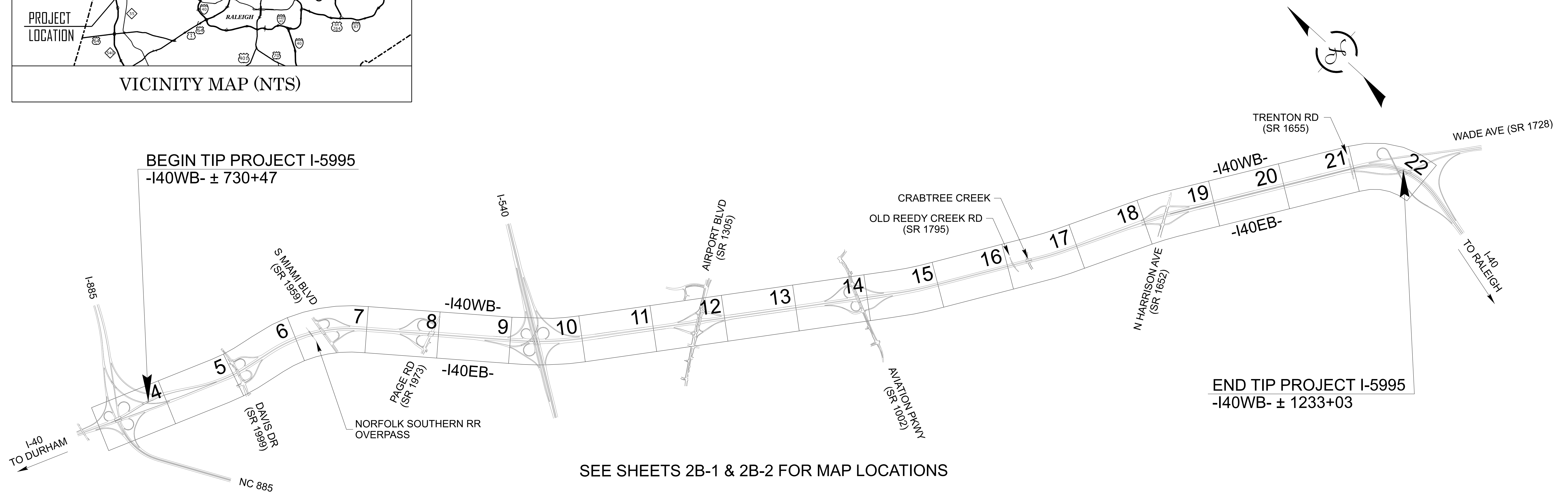
CONTRACT: C204349

VICINITY MAP (NTS)

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
=====

DURHAM & WAKE COUNTIES

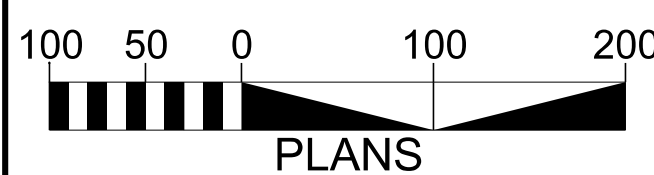
LOCATION: *I-40 FROM EAST OF I-885/NC 885 TO SR 1728 (WADE AVE.)*
TYPE OF WORK: *PAVEMENT REHABILITATON*

[illegible]

SEE SHEETS 2B-1 & 2B-2 FOR MAP LOCATIONS

THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.

GRAPHIC SCALES



DESIGN DATA

ADT 2026 = 176,000
T = 5%
FUNC CLASS = INTERSTATE

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT I-5995 = 9.436 MILES
LENGTH BASED ON I-40 WB DIRECTION.
LENGTH EXCLUDES EXISTING BRIDGES OVER PAGE ROAD
AND CRABTREE CREEK.

Prepared in the Office of:
WGI (C-5315)
5640 Dillard Drive, Suite 200
Cary, North Carolina 27518

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
N/A

LETTING DATE:
SEPTEMBER 15, 2026

TIM S. HAYES, PE
PROJECT ENGINEER

JASON D. BREDA, PE
PROJECT DESIGN ENGINEER

S. REID DAVIDSON, PE
NCDOT PROJECT MANAGER

HYDRAULICS ENGINEER

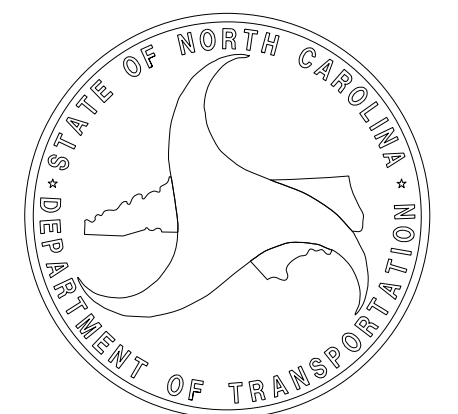
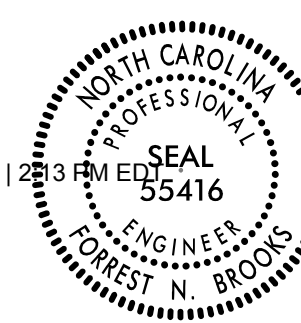
Signed by:
Forrest N. Brooke
1FA2AC00D13947A

SIGNATURE:

ROADWAY DESIGN ENGINEER

Signed by:
Jason D. Breda

SIGNATURE:



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
1A	INDEX OF SHEETS AND LIST OF ROADWAY STANDARD DRAWINGS
1B	CONVENTIONAL PLAN SHEET SYMBOLS
2A-1 THRU 2A-3	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
2B-1 THRU 2B-3	ROADWAY DETAILS
2C-1 THRU 2C-7	SPECIAL DETAILS
3B-1 THRU 3B-5	ROADWAY SUMMARIES
4 THRU 22	PLAN SHEETS
TMP-1 THRU TMP-3	TRANSPORTATION MANAGEMENT PLANS
EC-1 THRU EC-41	EROSION CONTROL PLANS
SIGN-1 THRU SIGN-43	SIGNING PLANS

LIST OF ROADWAY STANDARD DRAWINGS

2024 ROADWAY ENGLISH STANDARD DRAWINGS

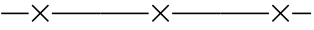
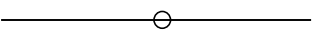
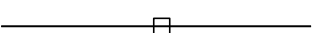
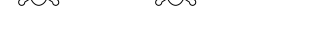
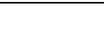
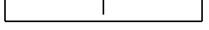
EFF. 01-16-2024
REV.

The following Roadway Standards as appear in "Roadway Standard Drawings" Contracts Standards and Development Unit - N. C. Department of Transportation - Raleigh, N. C., Dated January 16, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

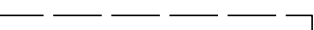
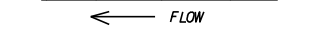
STD. NO.	TITLE
DIVISION 5 - SUBGRADE, BASES AND SHOULDERS	
560.01	Method of Shoulder Construction - Method I
560.02	Method of Shoulder Construction - Method II
DIVISION 6 - ASPHALT BASES AND PAVEMENTS	
665.01	Asphalt Shoulder Milled Rumble Strips
665.02	Limits for Asphalt Shoulder Milled Rumble Strips
DIVISION 8 - INCIDENTALS	
850.01	Concrete Paved Ditches
852.01	Concrete Islands
862.01	Guardrail Placement (Use Special Details in Lieu of Standards for Sheets 4, 6, 11, 12 & 14 of 15)
862.02	Guardrail Installation (Use Special Detail in Lieu of Standards for Sheet 5 of 9)
862.03	Structure Anchor Units (Use Special Detail in Lieu of Standards for Sheet 6 & 8 of 9)
862.04	Anchoring End of Guardrail
865.01	Cable Guiderail
DIVISION 12 - PAVEMENT MARKINGS, MARKERS AND DELINEATION	
1205.01	Pavement Markings (Use Special Detail in Lieu of Standards for Sheet 1 of 2)
1205.02	Pavement Markings
1205.03	Pavement Markings
1205.05	Pavement Markings
1205.06	Pavement Markings
1205.07	Pavement Markings
1205.08	Pavement Markings
1250.01	Raised Pavement Markers (Use Special Detail in Lieu of Standards for Sheet 2 of 3)
1261.01	Guardrail and Barrier Delineators
1261.02	Guardrail & Barrier Delineators
1262.01	Guardrail End Delineation
DIVISION 17 - SIGNALS AND TRAFFIC MANAGEMENT SYSTEMS	
1725.01	Inductive Detection Loops

Note: Not to Scale

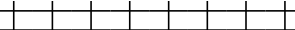
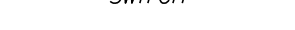
BOUNDARIES AND PROPERTY:

State Line	
County Line	
Township Line	
City Line	
Reservation Line	
Property Line	
Existing Iron Pin (EIP)	
Computed Property Corner	
Existing Concrete Monument (ECM)	
Parcel / Sequence Number	
Existing Fence Line	
Proposed Woven Wire Fence	
Proposed Chain Link Fence	
Proposed Barbed Wire Fence	
Existing Wetland Boundary	
Proposed Wetland Boundary	
Existing Endangered Animal Boundary	
Existing Endangered Plant Boundary	
Existing Historic Property Boundary	
Known Contamination Area: Soil	
Potential Contamination Area: Soil	
Known Contamination Area: Water	
Potential Contamination Area: Water	
Contaminated Site: Known or Potential	
BUILDINGS AND OTHER CULTURE:	
Gas Pump Vent or U/G Tank Cap	
Sign	
Well	
Small Mine	
Foundation	
Area Outline	
Cemetery	
Building	
School	
Church	
Dam	

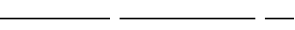
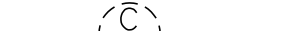
HYDROLOGY:

Stream or Body of Water	
Hydro, Pool or Reservoir	
Jurisdictional Stream	
Buffer Zone 1	
Buffer Zone 2	
Flow Arrow	
Disappearing Stream	
Spring	
Wetland	
Proposed Lateral, Tail, Head Ditch	
False Sump	

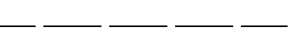
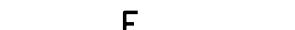
RAILROADS:

Standard Gauge	
RR Signal Milepost	
Switch	
RR Abandoned	
RR Dismantled	

RIGHT OF WAY & PROJECT CONTROL:

Primary Horiz Control Point	
Primary Horiz and Vert Control Point	
Secondary Horiz and Vert Control Point	
Vertical Benchmark	
Existing Right of Way Monument	
Proposed Right of Way Monument (Rebar and Cap)	
Proposed Right of Way Monument (Concrete)	
Existing Permanent Easement Monument	
Proposed Permanent Easement Monument (Rebar and Cap)	
Existing C/A Monument	
Proposed C/A Monument (Rebar and Cap)	
Proposed C/A Monument (Concrete)	
Existing Right of Way Line	
Proposed Right of Way Line	
Existing Control of Access Line	
Proposed Control of Access Line	
Proposed ROW and CA Line	
Existing Easement Line	
Proposed Temporary Construction Easement	
Permanent Construction Easement	
Proposed Temporary Drainage Easement	
Proposed Permanent Drainage Easement	
Proposed Permanent Drainage/Utility Easement	
Proposed Permanent Utility Easement	
Proposed Temporary Utility Easement	
Proposed Aerial Utility Easement	

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	
Existing Curb	
Proposed Slope Stakes Cut	
Proposed Slope Stakes Fill	
Proposed Curb Ramp	
Existing Metal Guardrail	
Proposed Guardrail	
Existing Cable Guiderail	
Proposed Cable Guiderail	
Equality Symbol	
Pavement Removal	

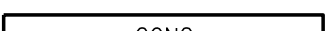
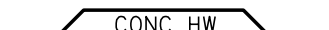
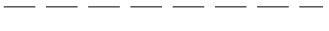
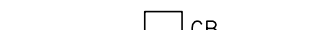
VEGETATION:

Single Tree	
Single Shrub	

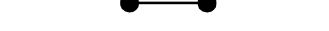
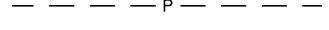
CONVENTIONAL PLAN SHEET SYMBOLS

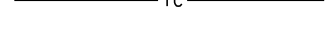
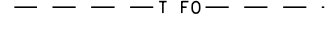
Hedge	
Woods Line	
Orchard	
Vineyard	

EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	
Bridge Wing Wall, Head Wall and End Wall	
MINOR:	
Head and End Wall	
Pipe Culvert	
Footbridge	
Drainage Box: Catch Basin, DI or JB	
Paved Ditch Gutter	
Storm Sewer Manhole	
Storm Sewer	

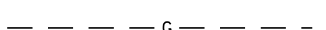
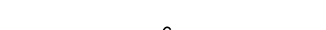
UTILITIES: * SUE - Subsurface Utility Engineering
LOS - Level of Service - A,B,C or D (Accuracy)

POWER:	
Existing Power Pole	
Proposed Power Pole	
Existing Joint Use Pole	
Proposed Joint Use Pole	
Power Manhole	
Power Line Tower	
Power Transformer	
U/G Power Cable Hand Hole	
H-Frame Pole	
U/G Power Line Test Hole (SUE - LOS A)*	
U/G Power Line (SUE - LOS B)*	
U/G Power Line (SUE - LOS C)*	
U/G Power Line (SUE - LOS D)*	

TELEPHONE:	
Existing Telephone Pole	
Proposed Telephone Pole	
Telephone Manhole	
Telephone Pedestal	
Telephone Cell Tower	
U/G Telephone Cable Hand Hole	
U/G Telephone Test Hole (SUE - LOS A)*	
U/G Telephone Cable (SUE - LOS B)*	
U/G Telephone Cable (SUE - LOS C)*	
U/G Telephone Cable (SUE - LOS D)*	
U/G Telephone Conduit (SUE - LOS B)*	
U/G Telephone Conduit (SUE - LOS C)*	
U/G Telephone Conduit (SUE - LOS D)*	
U/G Fiber Optics Cable (SUE - LOS B)*	
U/G Fiber Optics Cable (SUE - LOS C)*	
U/G Fiber Optics Cable (SUE - LOS D)*	

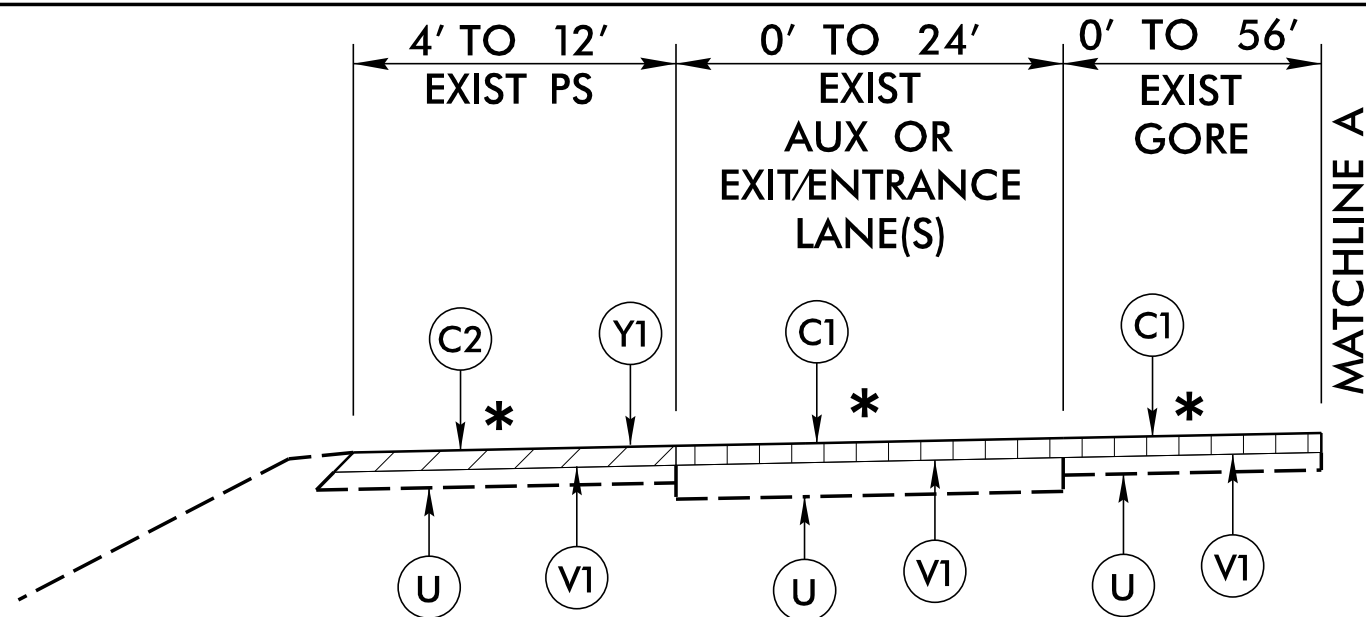
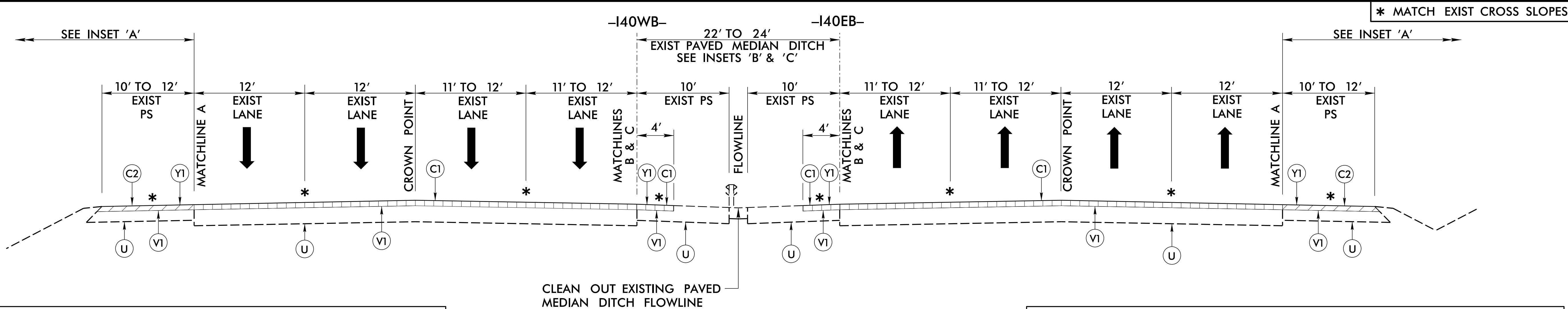
WATER:	
Water Manhole	
Water Meter	
Water Valve	
Water Hydrant	
U/G Water Line Test Hole (SUE - LOS A)*	
U/G Water Line (SUE - LOS B)*	
U/G Water Line (SUE - LOS C)*	
U/G Water Line (SUE - LOS D)*	
Above Ground Water Line	

TV:	
TV Pedestal	
TV Tower	
U/G TV Cable Hand Hole	
U/G TV Test Hole (SUE - LOS A)*	
U/G TV Cable (SUE - LOS B)*	
U/G TV Cable (SUE - LOS C)*	
U/G TV Cable (SUE - LOS D)*	
U/G Fiber Optic Cable (SUE - LOS B)*	
U/G Fiber Optic Cable (SUE - LOS C)*	
U/G Fiber Optic Cable (SUE - LOS D)*	

GAS:	
Gas Valve	
Gas Meter	
U/G Gas Line Test Hole (SUE - LOS A)*	
U/G Gas Line (SUE - LOS B)*	
U/G Gas Line (SUE - LOS C)*	
U/G Gas Line (SUE - LOS D)*	
Above Ground Gas Line	

SANITARY SEWER:	
Sanitary Sewer Manhole	
Sanitary Sewer Cleanout	
U/G Sanitary Sewer Line	
Above Ground Sanitary Sewer	
SS Force Main Line Test Hole (SUE - LOS A)*	
SS Force Main Line (SUE - LOS B)*	
SS Force Main Line (SUE - LOS C)*	
SS Force Main Line (SUE - LOS D)*	

MISCELLANEOUS:	
Utility Pole	
Utility Pole with Base	
Utility Located Object	
Utility Traffic Signal Box	
Utility Unknown U/G Line (SUE - LOS B)*	
U/G Tank; Water, Gas, Oil	
Underground Storage Tank, Approx. Loc.	
A/G Tank; Water, Gas, Oil	
Geoenviromental Boring	
Abandoned According to Utility Records	
End of Information	



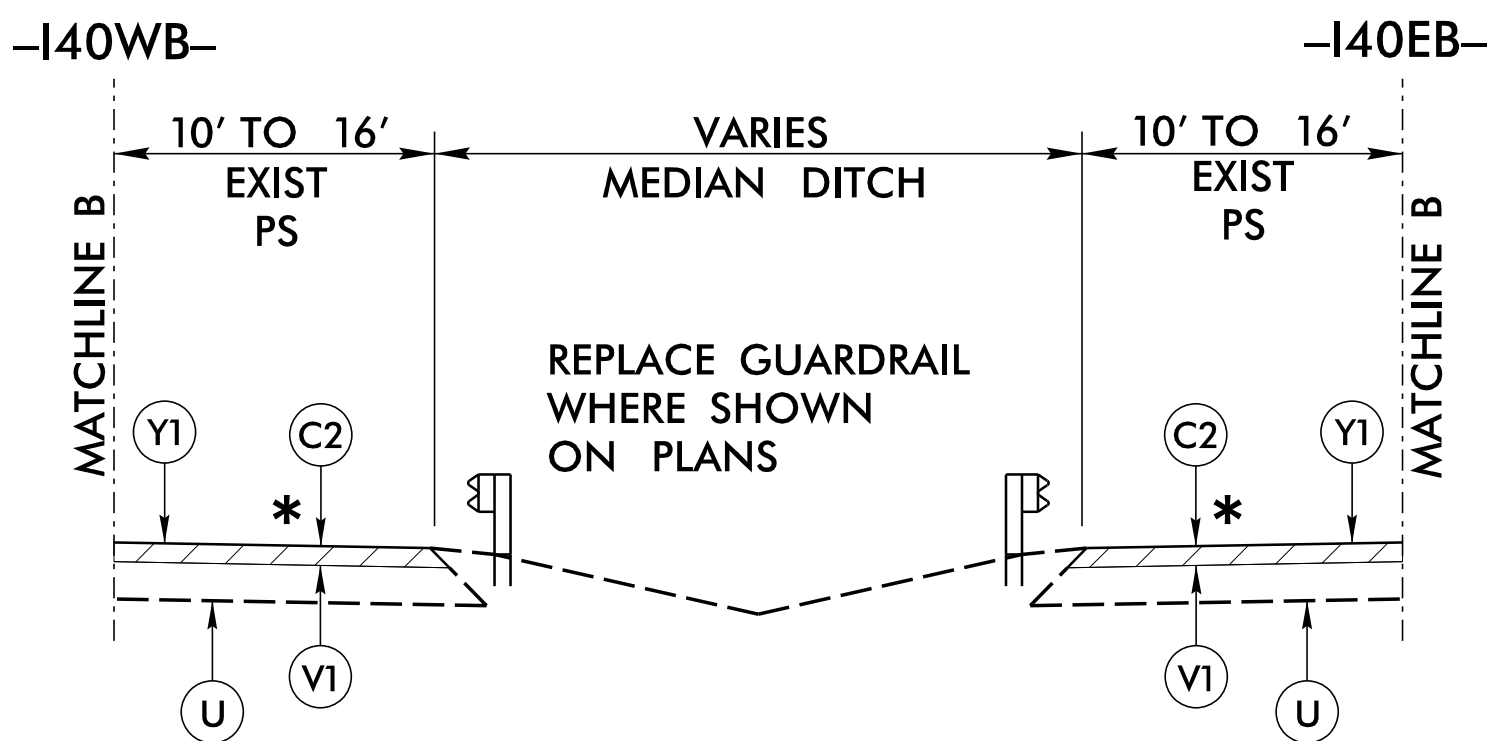
INSET 'A'

USE INSET 'A' IN CONJUNCTION WITH TYPICAL SECTION NO.1 AS FOLLOWS:

-I40WB- STA. ±735+85 TO STA. ±770+79	-I40EB- STA. ±138+15 TO STA. ±144+73
-I40WB- STA. ±777+09 TO STA. ±806+04	-I40EB- STA. ±160+73 TO STA. ±169+99
-I40WB- STA. ±814+98 TO STA. ±845+57	-I40EB- STA. ±177+73 TO STA. ±209+22
-I40WB- STA. ±847+64 TO STA. ±907+20	-I40EB- STA. ±216+26 TO STA. ±234+05
-I40WB- STA. ±968+91 TO STA. ±1000+74	-I40EB- STA. ±241+88 TO STA. ±245+04
-I40WB- STA. ±1009+90 TO STA. ±1019+86	-I40EB- STA. ±247+11 TO STA. ±267+05
-I40WB- STA. ±1024+01 TO STA. ±1028+89	-I40EB- STA. ±284+52 TO STA. ±329+82
-I40WB- STA. ±1103+68 TO STA. ±1128+16	-I40EB- STA. ±399+50 TO STA. ±400+16
	-I40EB- STA. ±411+35 TO STA. ±439+28
	-I40EB- STA. ±522+02 TO STA. ±527+63

TYPICAL SECTION NO. 1
USE TYPICAL SECTION NO. 1 AS FOLLOWS:

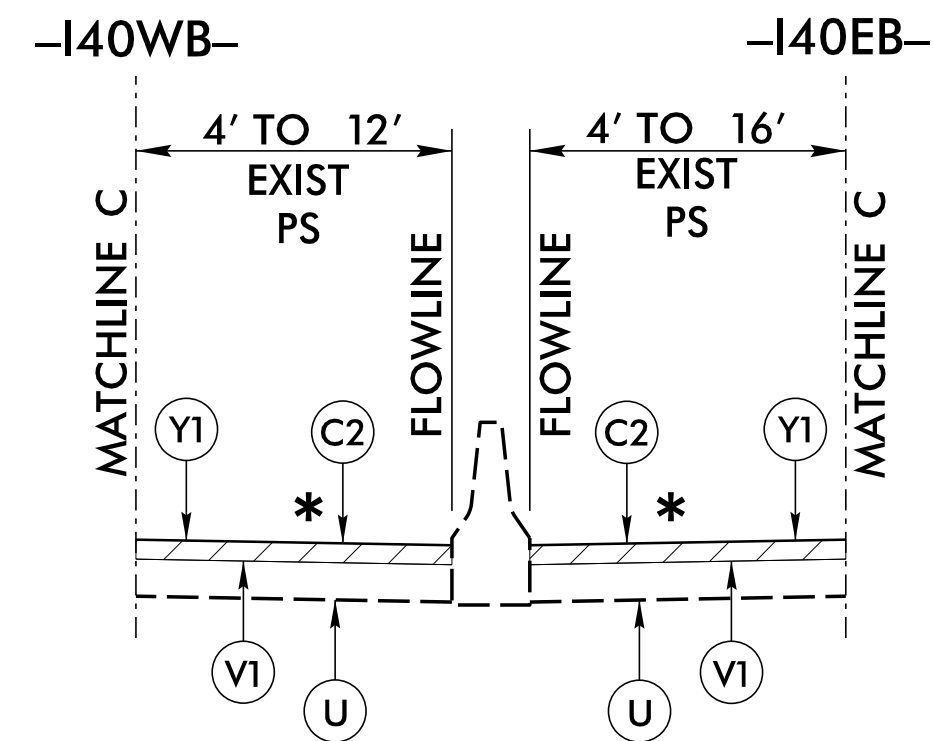
-I40WB- STA. ±730+47 TO STA. ±845+57	-I40EB- STA. ±135+35 TO STA. ±245+04
-I40WB- STA. ±847+64 TO STA. ±907+20	-I40EB- STA. ±247+11 TO STA. ±329+82
-I40WB- STA. ±968+91 TO STA. ±1080+70	-I40EB- STA. ±399+50 TO STA. ±480+35
-I40WB- STA. ±1082+98 TO STA. ±1185+18	-I40EB- STA. ±482+62 TO STA. ±547+94



INSET 'B'

USE INSET 'B' IN CONJUNCTION WITH TYPICAL SECTION NO.1 AS FOLLOWS:

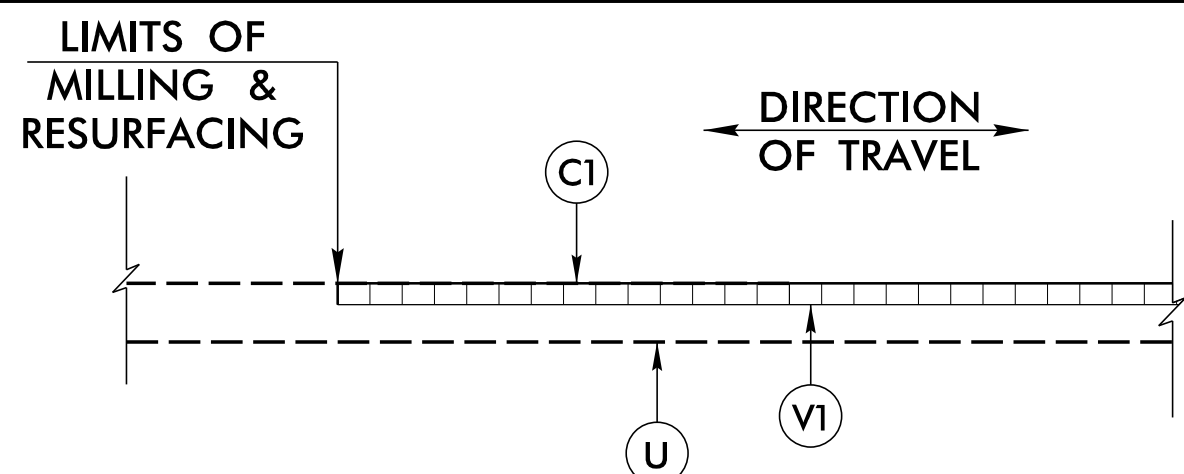
-I40WB- STA. ±730+47 TO STA. ±758+06	-I40EB- STA. ±135+35 TO STA. ±157+99
-I40WB- STA. ±1139+76 TO STA. ±1185+18	-I40EB- STA. ±539+40 TO STA. ±547+94



INSET 'C'

USE INSET 'C' IN CONJUNCTION WITH TYPICAL SECTION NO.1 AS FOLLOWS:

-I40WB- STA. ±758+06 TO STA. ±845+57	-I40EB- STA. ±157+99 TO STA. ±245+04
-I40WB- STA. ±847+64 TO STA. ±907+20	-I40EB- STA. ±247+11 TO STA. ±306+82



PAVEMENT TIE-IN DETAIL NO. 1

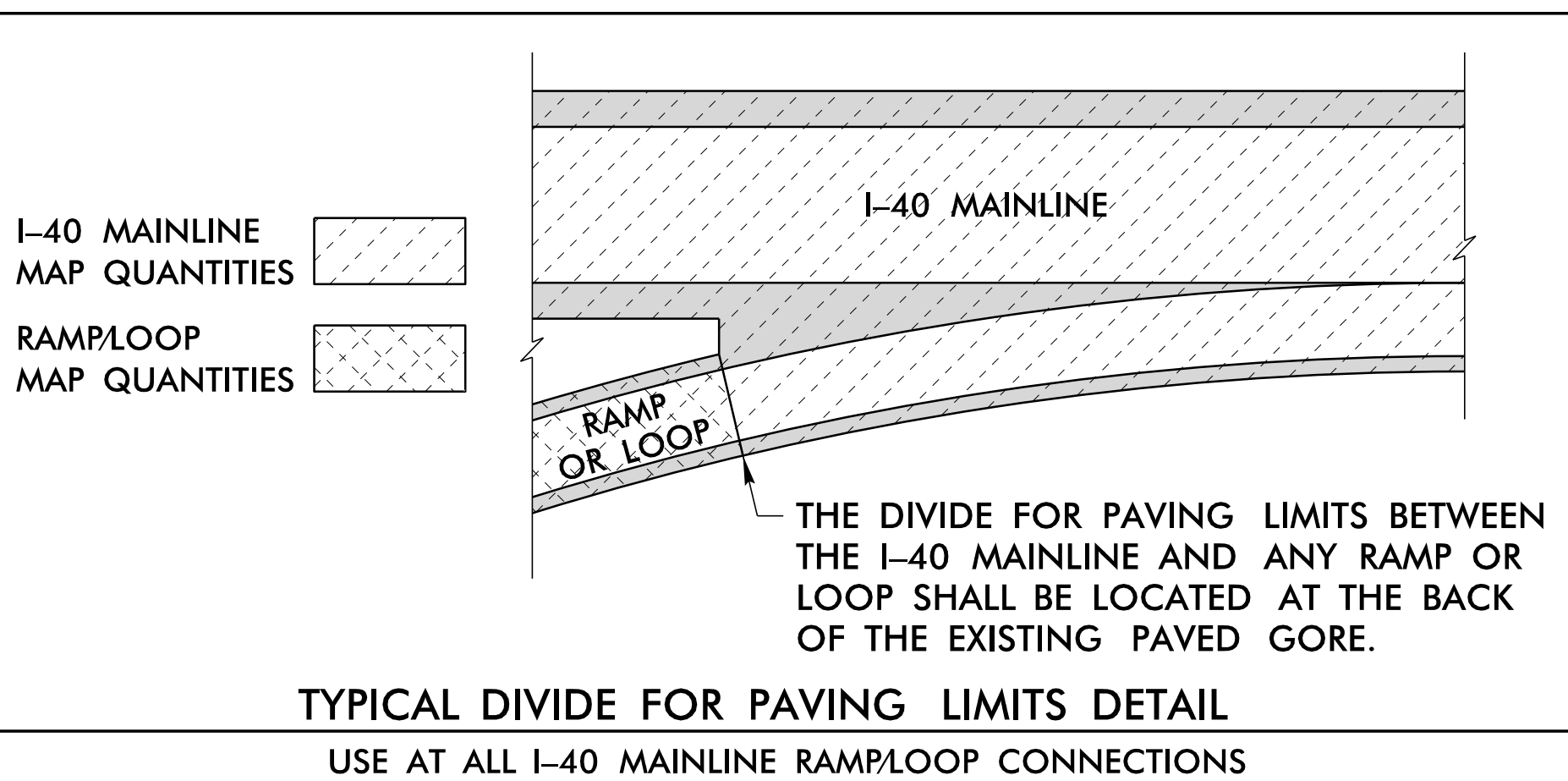
USE IN CONJUNCTION WITH TYPICAL SECTION NO.1 & 3

PAVEMENT SCHEDULE

(FINAL PAVEMENT DESIGN)

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 2½" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.
V1	PROP. 1½" MILLING.
V2	PROP. 1½" FINE MILLING.
V3	PROP. 2½" MILLING.
Y1	PROP. RUMBLE STRIPS.

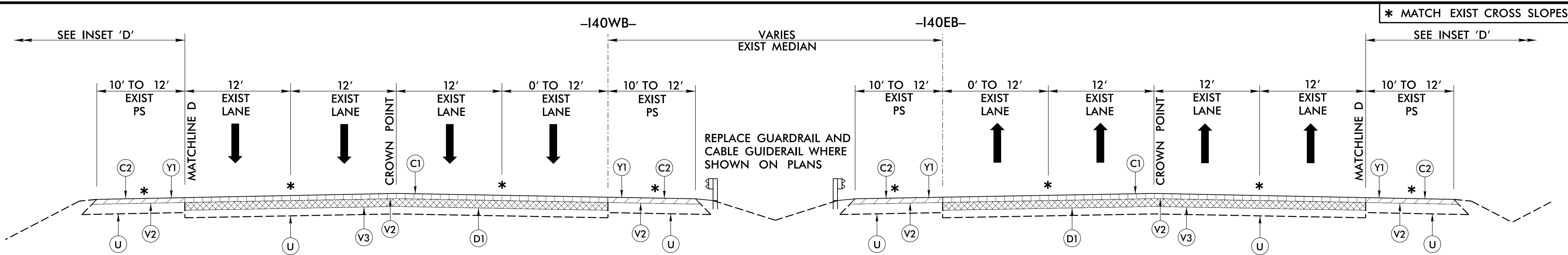
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



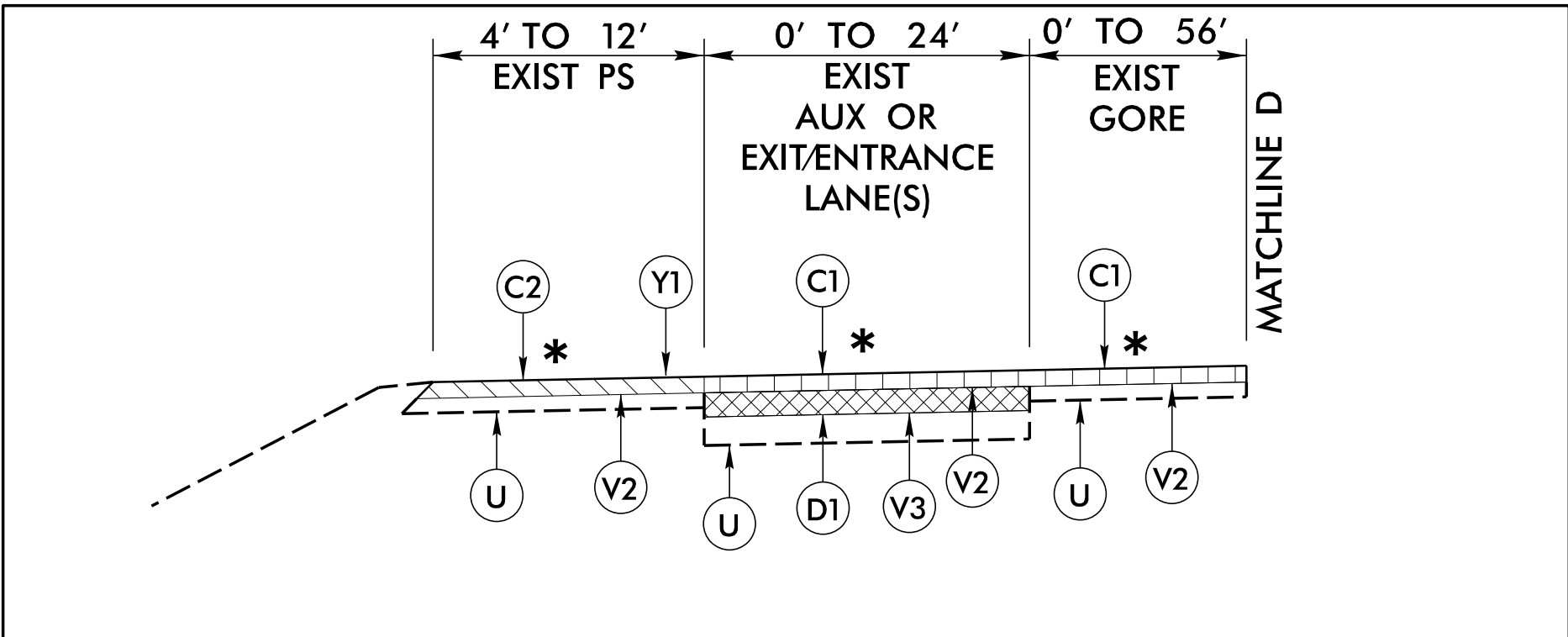
TYPICAL SECTION NOTES

- TYPICAL SECTION STATIONS (STA.) SHOWN ARE APPROXIMATE AND MAY ADJUST AS DETERMINED BY THE ENGINEER.
- PAVED SHOULDER (PS) WIDTHS SHOWN ARE WIDER AT GUARDRAIL, CONCRETE BARRIER, CONCRETE GUTTER, AND BRIDGE LOCATIONS. MILL AND RESURFACE THE ENTIRE PAVED SHOULDER WIDTH AT THESE LOCATIONS UNLESS SHOWN OTHERWISE.
- FOR GUARDRAIL REPLACEMENTS, OFFSETS FROM TRAVEL LANES TO FACE OF NEW GUARDRAIL SHALL MATCH EXISTING, EXCEPT FOR BURIED IN CUT REPLACEMENTS, NEW INSTALLATIONS, AND AS DETERMINED BY THE ENGINEER. SEE GUARDRAIL SUMMARY.
- USE DETAIL 'A' ON SHEET 2B-3 IN CONJUNCTION WITH THE TYPICAL SECTIONS FOR THE REMOVAL AND REPLACEMENT OF GUARDRAIL AND CABLE GUIDERAIL. SEE PLAN SHEETS, GUARDRAIL SUMMARY, AND CABLE GUIDERAIL SUMMARY FOR REPLACEMENT LOCATIONS.

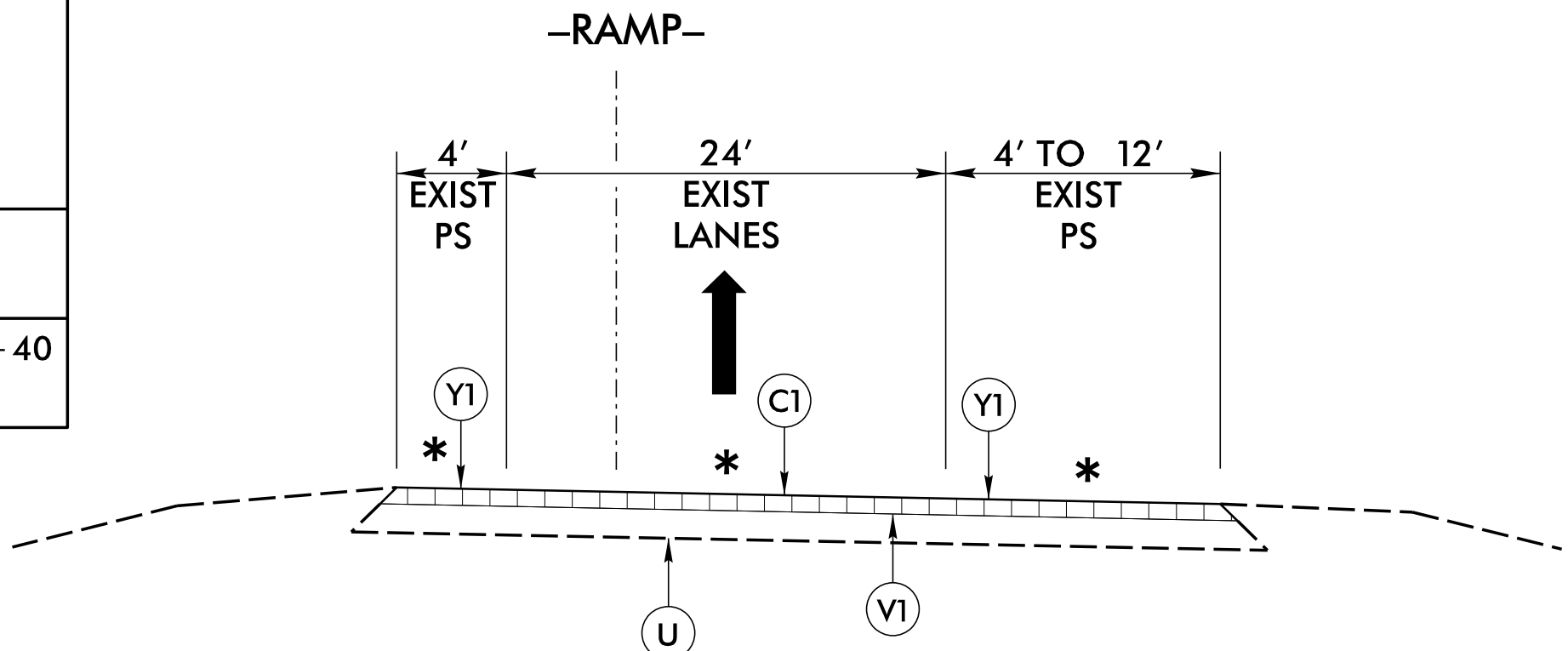
REVISIONS



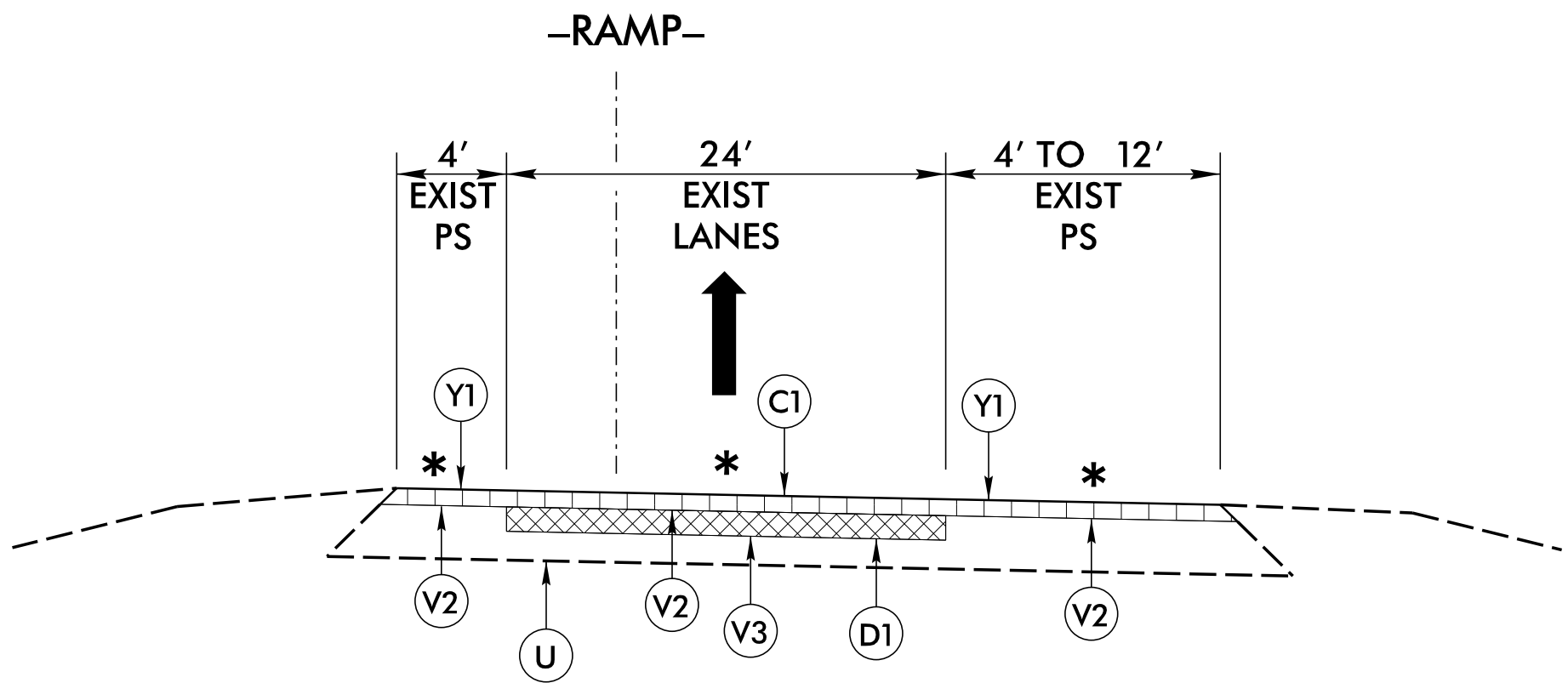
TYPICAL SECTION NO. 2
USE TYPICAL SECTION NO. 2 AS FOLLOWS:
-I40WB- STA. ±1185+18 TO STA. ±1233+03 -I40EB- STA. ±547+94 TO STA. ±631+23



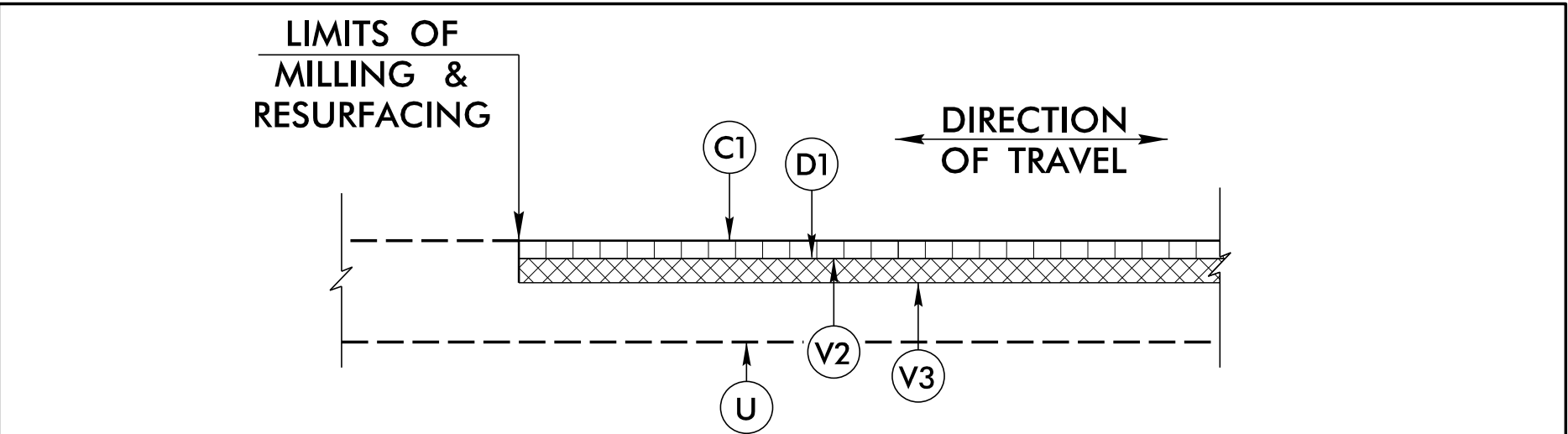
INSET 'D'
USE INSET 'D' IN CONJUNCTION WITH TYPICAL SECTION NO. 2 AS FOLLOWS:
-I40WB- STA. ±1147+74 TO STA. ±1219+40 -I40EB- STA. ±546+69 TO STA. ±612+40



TYPICAL SECTION NO. 3
USE TYPICAL SECTION NO. 3 AS FOLLOWS:
-I540RPC- STA. ±10+00 TO STA. ±11+10



TYPICAL SECTION NO. 4
USE TYPICAL SECTION NO. 4 AS FOLLOWS:
-WADEWB- STA. ±13+10 TO STA. ±13+51
-WADEEB- STA. ±10+00 TO STA. ±11+50

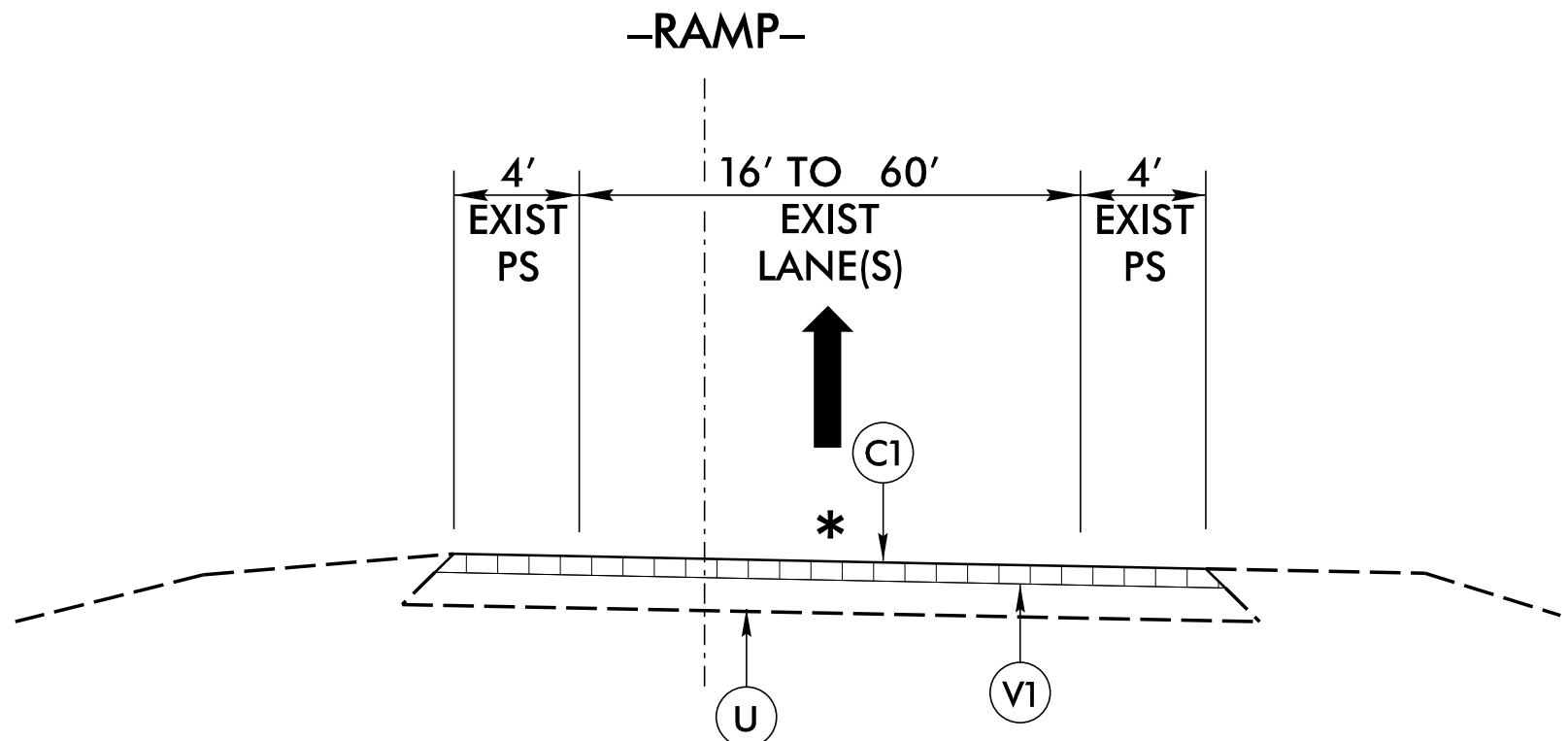


PAVEMENT TIE-IN DETAIL NO. 2
USE IN CONJUNCTION WITH TYPICAL SECTION NO. 2 & 4

PAVEMENT SCHEDULE	
(FINAL PAVEMENT DESIGN)	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 2½" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.
V1	PROP. 1½" MILLING.
V2	PROP. 1½" FINE MILLING.
V3	PROP. 2½" MILLING.
Y1	PROP. RUMBLE STRIPS.

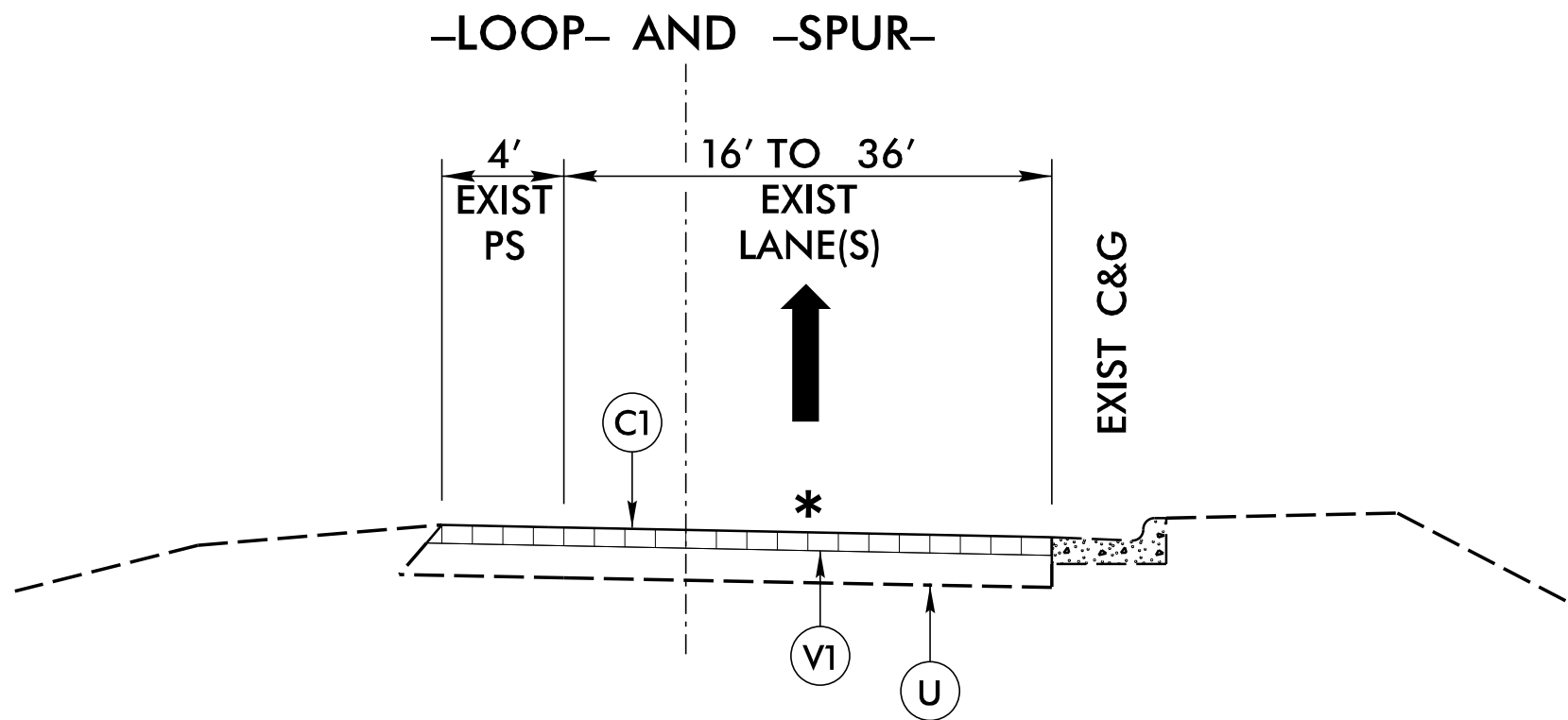
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

- TYPICAL SECTION NOTES
- TYPICAL SECTION STATIONS (STA.) SHOWN ARE APPROXIMATE AND MAY ADJUST AS DETERMINED BY THE ENGINEER.
 - PAVED SHOULDER (PS) WIDTHS SHOWN ARE WIDER AT GUARDRAIL, CONCRETE BARRIER, CONCRETE GUTTER, AND BRIDGE LOCATIONS. MILL AND RESURFACE THE ENTIRE PAVED SHOULDER WIDTH AT THESE LOCATIONS UNLESS SHOWN OTHERWISE.
 - FOR GUARDRAIL REPLACEMENTS, OFFSETS FROM TRAVEL LANES TO FACE OF NEW GURARDRAIL SHALL MATCH EXISTING, EXCEPT FOR BURIED IN CUT REPLACEMENTS, NEW INSTALLATIONS, AND AS DETERMINED BY THE ENGINEER. SEE GUARDRAIL SUMMARY.
 - USE DETAIL 'A' ON SHEET 2B-3 IN CONJUNCTION WITH THE TYPICAL SECTIONS FOR THE REMOVAL AND REPLACEMENT OF GUARDRAIL AND CABLE GUIDERAIL. SEE PLAN SHEETS, GUARDRAIL SUMMARY, AND CABLE GUIDERAIL SUMMARY FOR REPLACEMENT LOCATIONS.



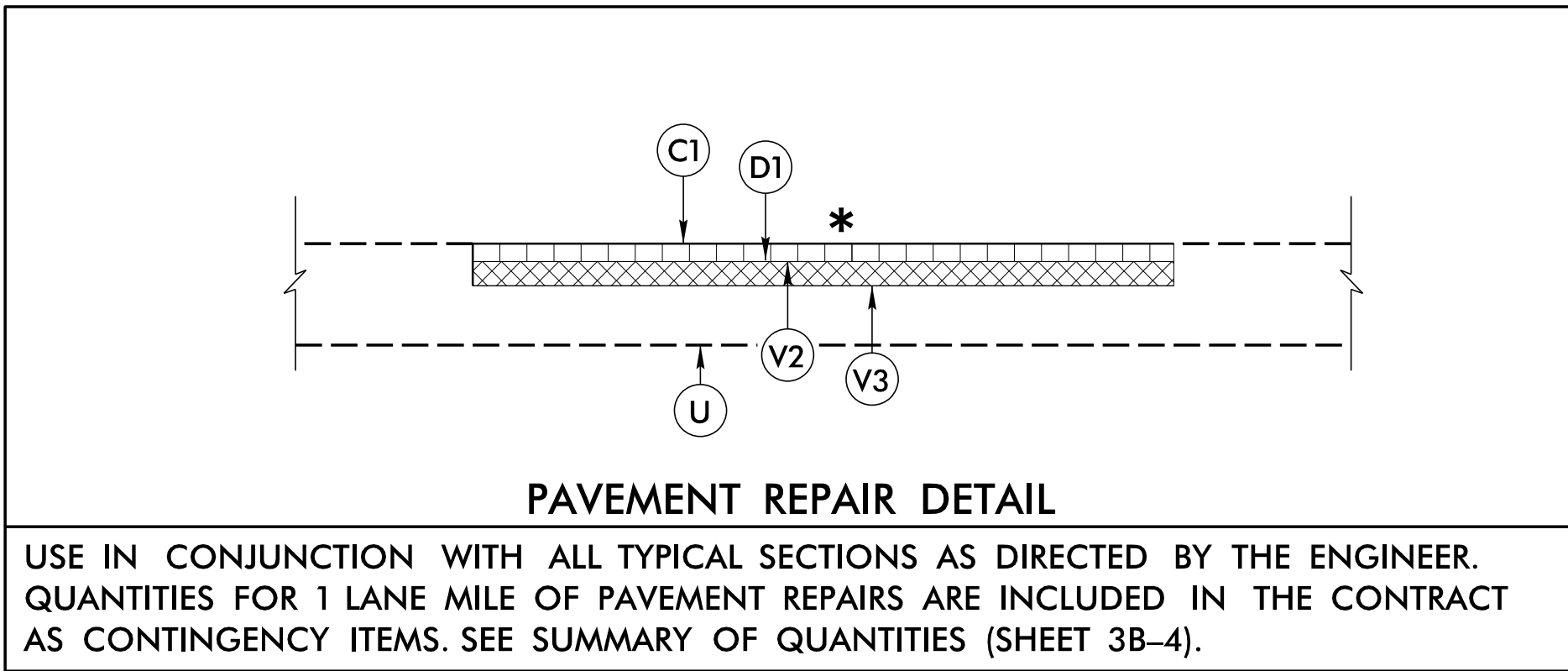
TYPICAL SECTION NO. 5
USE TYPICAL SECTION NO. 5 AS FOLLOWS:

-DDRPA- STA. ±10+00 TO STA. ±20+33	-APRPA- STA. ±10+00 TO STA. ±10+85
-SMBRPA- STA. ±10+00 TO STA. ±23+80	-APRPC- STA. ±10+00 TO STA. ±25+37
-SMBRPD- STA. ±10+37 TO STA. ±20+24	-APRPD- STA. ±10+00 TO STA. ±23+19
-PRRPB- STA. ±10+38 TO STA. ±25+72	-NHARPA- STA. ±10+00 TO STA. ±18+09
-PRRPC- STA. ±10+00 TO STA. ±20+65	-NHARPB- STA. ±10+28 TO STA. ±22+13
	-NHARPC- STA. ±10+00 TO STA. ±17+82
	-NHARPD- STA. ±10+26 TO STA. ±21+35



TYPICAL SECTION NO. 6
USE TYPICAL SECTION NO. 6 AS FOLLOWS:

-DDLPA- STA. ±10+24 TO STA. ±17+43	-DDSPURA- STA. ±10+00 TO STA. ±11+69
-DDLPD- STA. ±10+00 TO STA. ±10+59	-SMBSPURA- STA. ±10+00 TO STA. ±11+89
-SMBLPD- STA. ±10+00 TO STA. ±16+06	-PRSPURC- STA. ±10+00 TO STA. ±11+59
-PRLPB- STA. ±10+00 TO STA. ±20+63	
-PRLPC- STA. ±10+36 TO STA. ±17+14	
-APLPC- STA. ±17+56 TO STA. ±18+13	

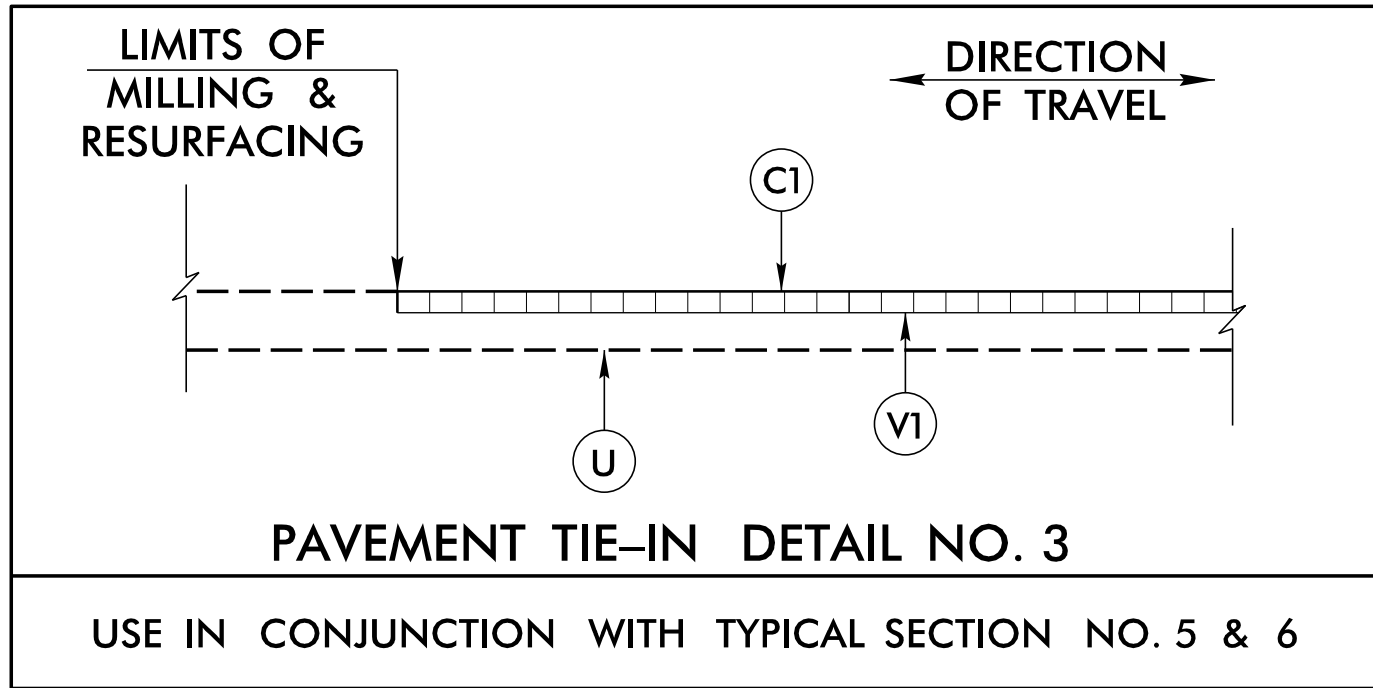


PAVEMENT REPAIR DETAIL

USE IN CONJUNCTION WITH ALL TYPICAL SECTIONS AS DIRECTED BY THE ENGINEER. QUANTITIES FOR 1 LANE MILE OF PAVEMENT REPAIRS ARE INCLUDED IN THE CONTRACT AS CONTINGENCY ITEMS. SEE SUMMARY OF QUANTITIES (SHEET 3B-4).

PAVEMENT SCHEDULE (FINAL PAVEMENT DESIGN)	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 2½" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.
V1	PROP. 1½" MILLING.
V2	PROP. 1½" FINE MILLING.
V3	PROP. 2½" MILLING.
Y1	PROP. RUMBLE STRIPS.

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



PAVEMENT TIE-IN DETAIL NO. 3

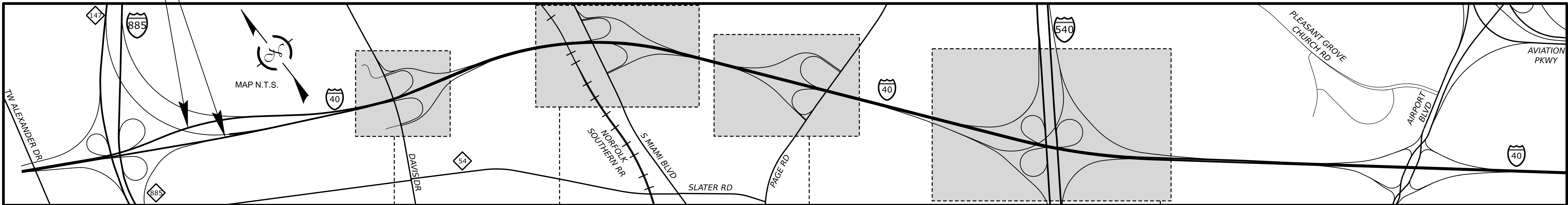
USE IN CONJUNCTION WITH TYPICAL SECTION NO. 5 & 6

TYPICAL SECTION NOTES

- TYPICAL SECTION STATIONS (STA.) SHOWN ARE APPROXIMATE AND MAY ADJUST AS DETERMINED BY THE ENGINEER.
- PAVED SHOULDER (PS) WIDTHS SHOWN ARE WIDER AT GUARDRAIL, CONCRETE BARRIER, CONCRETE GUTTER, AND BRIDGE LOCATIONS. MILL AND RESURFACE THE ENTIRE PAVED SHOULDER WIDTH AT THESE LOCATIONS UNLESS SHOWN OTHERWISE.
- FOR GUARDRAIL REPLACEMENTS, OFFSETS FROM TRAVEL LANES TO FACE OF NEW GURARDRAIL SHALL MATCH EXISTING, EXCEPT FOR BURIED IN CUT REPLACEMENTS, NEW INSTALLATIONS, AND AS DETERMINED BY THE ENGINEER. SEE GUARDRAIL SUMMARY.
- USE DETAIL 'A' ON SHEET 2B-3 IN CONJUNCTION WITH THE TYPICAL SECTIONS FOR THE REMOVAL AND REPLACEMENT OF GUARDRAIL AND CABLE GUIDERAIL. SEE PLAN SHEETS, GUARDRAIL SUMMARY, AND CABLE GUIDERAIL SUMMARY FOR REPLACEMENT LOCATIONS.

MAP DETAILS

BEGIN TIP PROJECT I-5995
-I40WB- STA. 730+47 (MAP 1)
-I40EB- STA. 135+35 (MAP 2)



MATCHLINE: -I40WB- STA. 978+70

-DDSPURA-
(MAP 4)

-DDRPA-
(MAP 3)

-DDLPA-
(MAP 5)

-DDRPD-
(MAP 6)

-DDLPD-
(MAP 7)

-SMBSPURA-
(MAP 9)

-SMBRPA-
(MAP 8)

-SMBLPA-
(MAP 10)

-SMBLPD-
(MAP 12)

-SMBRPD-
(MAP 11)

-PRRPB-
(MAP 13)

-PRLPB-
(MAP 14)

-PRRPC-
(MAP 15)

-PRSPURC-
(MAP 16)

-PRLPC-
(MAP 17)

-I540RPB-
(MAP 20)

-I540LPA-
(MAP 19)

-I540RPA-
(MAP 18)

-I540LPB-
(MAP 21)

-I540RPC-
(MAP 22)

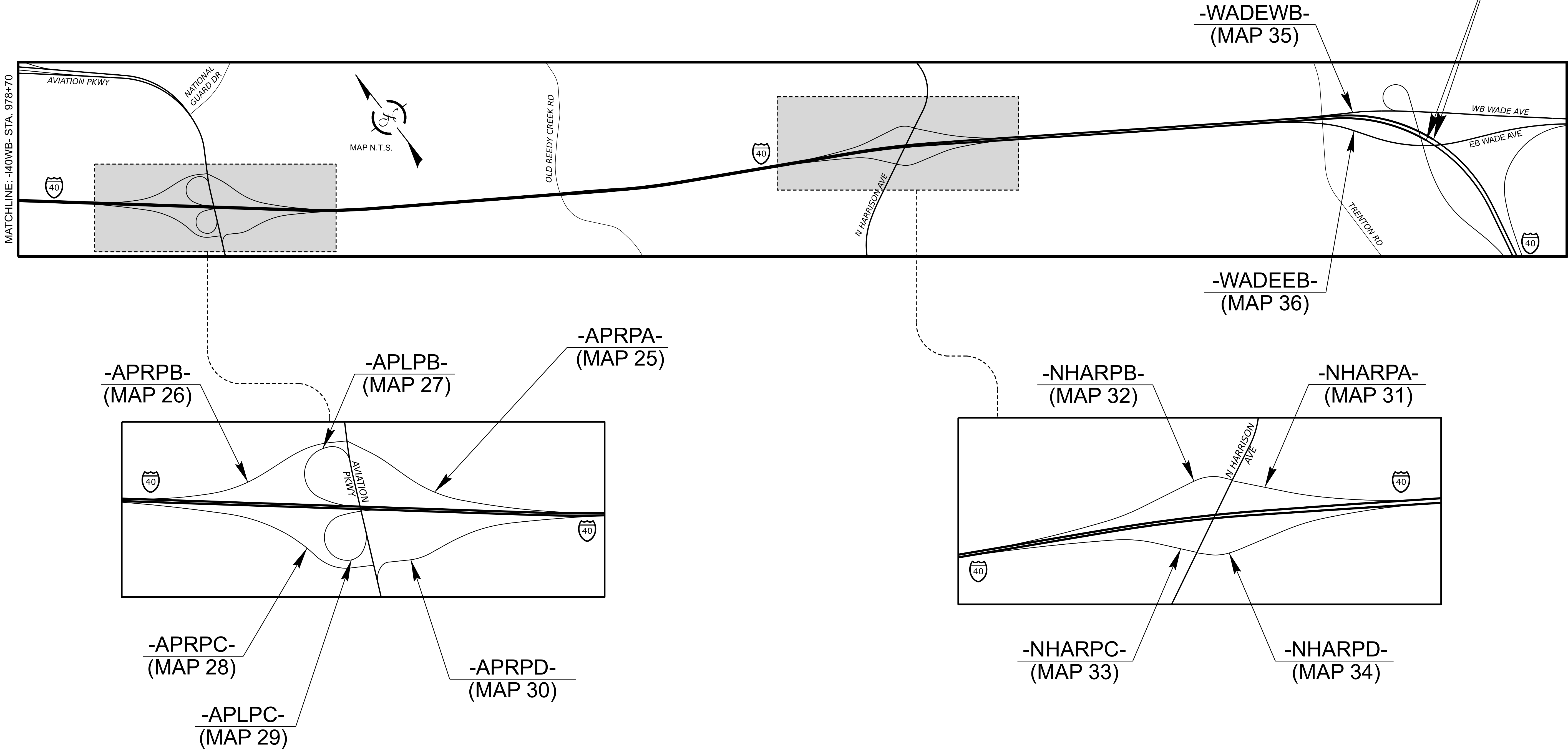
-I540LPC-
(MAP 23)

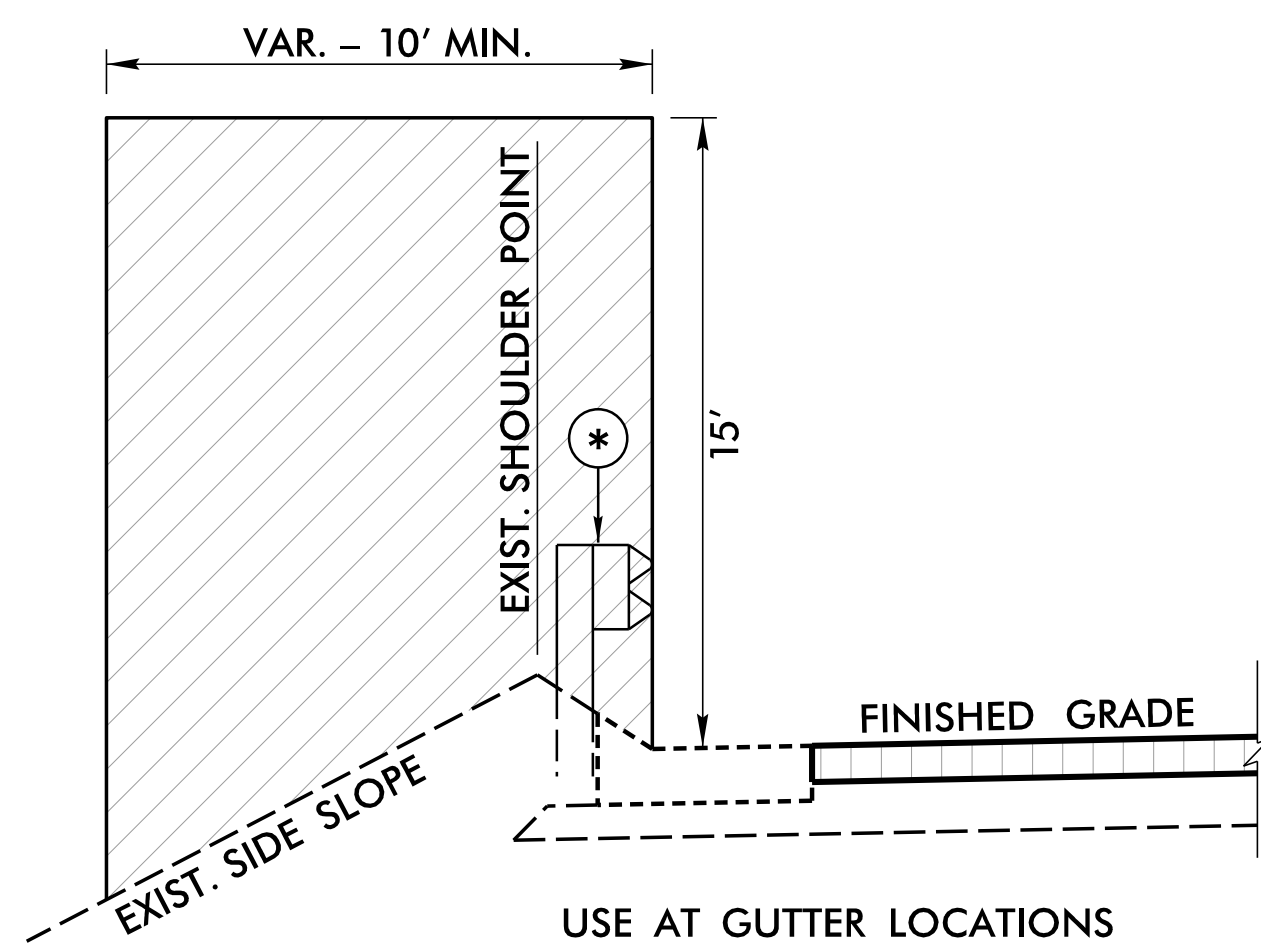
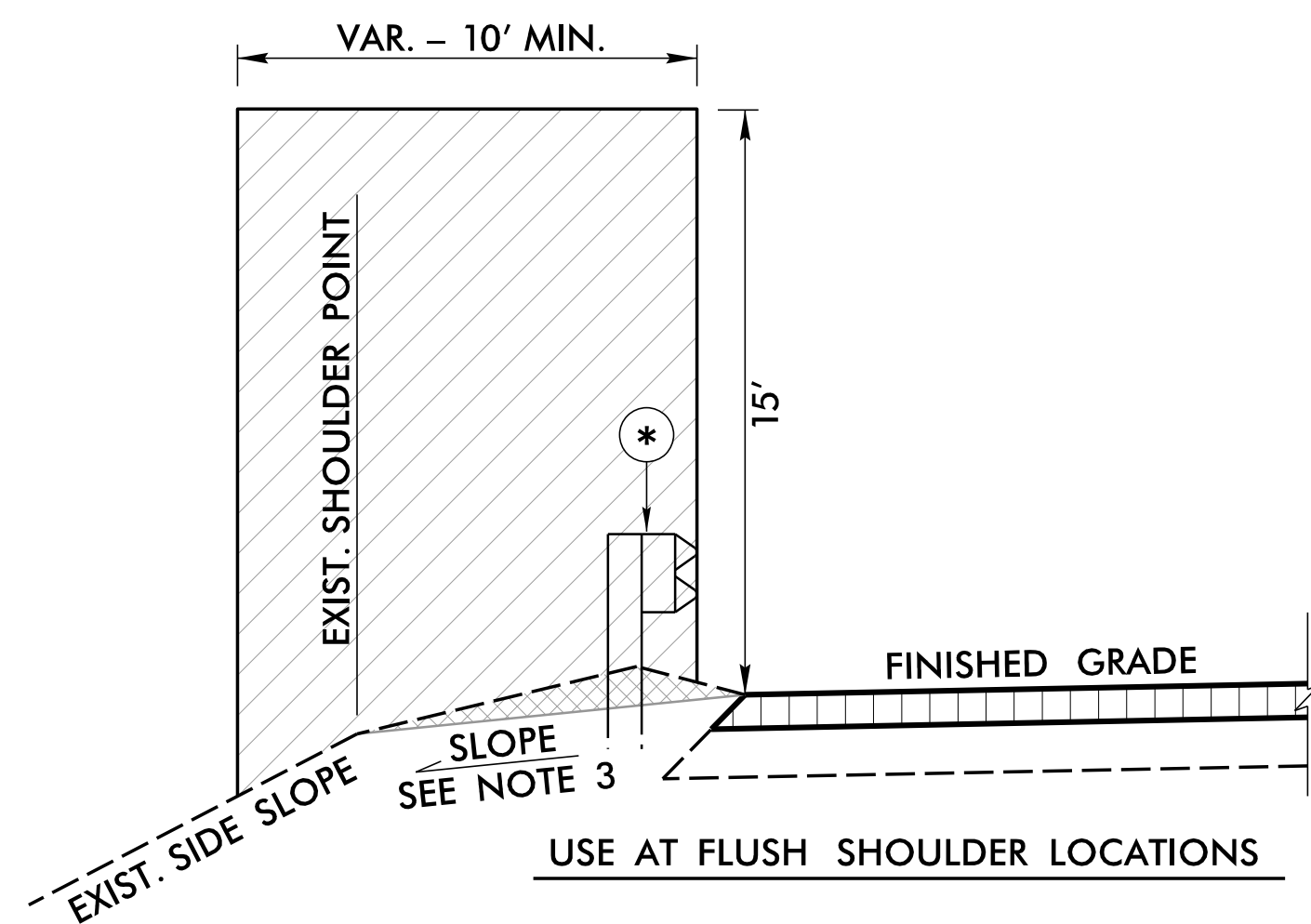
-I540RPD-
(MAP 24)

REVISIONS

MAP DETAILS

END TIP PROJECT I-5995
-I40WB- STA. 1233+03 (MAP 1)
-I40EB- STA. 631+23 (MAP 2)





* REMOVE AND REPLACE EXISTING GUARDRAIL AND CABLE GUIDERAIL WHERE SHOWN ON PLANS. (SEE ALSO SUMMARY SHEETS)

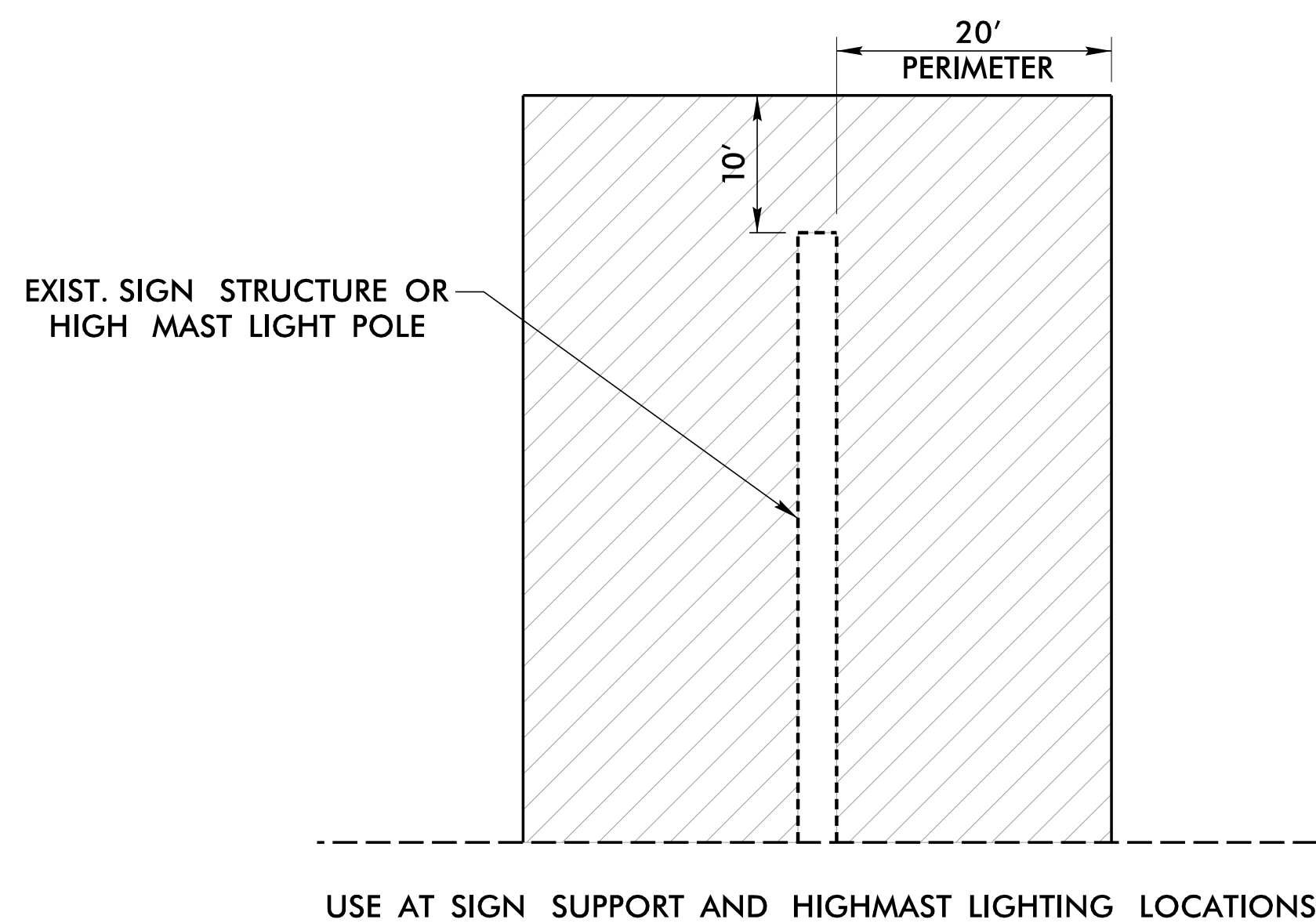
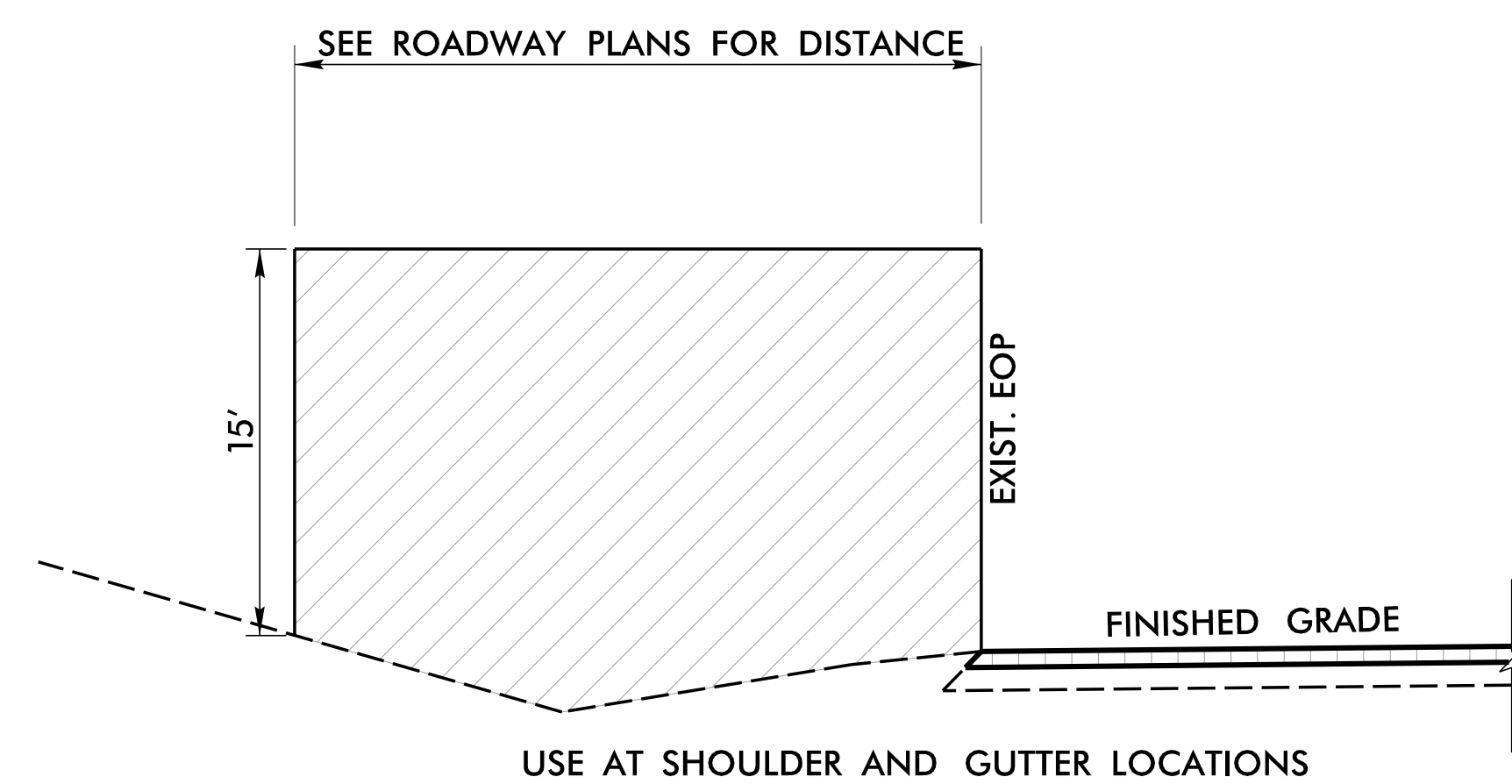
- REMOVAL AREA OF ALL VEGETATION (SEE NOTE 2)
- REMOVAL AREA OF EXCESS EARTH MATERIAL (SEE NOTE 3)

SHOULDER CLEARING AND SHOULDER RECONSTRUCTION – DETAIL A
N.T.S.

USE DETAIL A AS FOLLOWS: USE AT ALL GUARDRAIL AND CABLE GUIDERAIL REPLACEMENT LOCATIONS INCLUDING GRASS MEDIAN AND OUTSIDE SHOULDERS (SEE SUMMARY SHEETS). USE AT LOCATIONS DIRECTED BY THE ENGINEER.

NOTES – DETAIL A

- MATCH EXISTING OFFSETS FROM TRAVEL LANES TO FACE OF GUARDRAIL, EXCEPT FOR BURIED IN CUT REPLACEMENTS AND AS DIRECTED BY THE ENGINEER. SEE GUARDRAIL AND CABLE GUIDERAIL SUMMARIES.
- REMOVE ALL EXISTING VEGETATION INCLUDING TREES, STUMPS, SHRUBS, AND OVERHANGING LIMBS WITHIN THE REMOVAL AREAS AND DISPOSE OF OFF SITE. THIS WORK WILL BE PAID FOR UNDER "CLEARING AND GRUBBING".
- MACHINE EARTH SHOULDER SLOPES TO DRAIN IN ACCORDANCE WITH STANDARD DRAWING NO. 560.01 AND 560.02. REMOVE EXCESS EARTH MATERIAL AND FILL LOW OR RUTTED SHOULDERS. THIS WORK WILL BE PAID FOR UNDER "SHOULDER RECONSTRUCTION".
- FILL, COMPACT, AND GRADE SMOOTH ANY GROUND VOIDS AND LOW OR RUTTED SHOULDERS WITH EARTH MATERIAL PAID FOR UNDER "BORROW EXCAVATION" OR "INCIDENTAL STONE BASE" AS DIRECTED BY THE ENGINEER.
- REPLACE ANY CONCRETE ITEM OR RIP RAP DITCH LINING THAT IS DAMAGED DURING CONSTRUCTION. NO PAYMENT WILL BE MADE FOR THIS WORK AND WILL BE INCIDENTAL TO "CLEARING AND GRUBBING".
- INSTALL AND REMOVE EROSION CONTROL DEVICES PER THE EROSION CONTROL PLANS. SEED AND MULCH ALL DISTURBED AREAS.



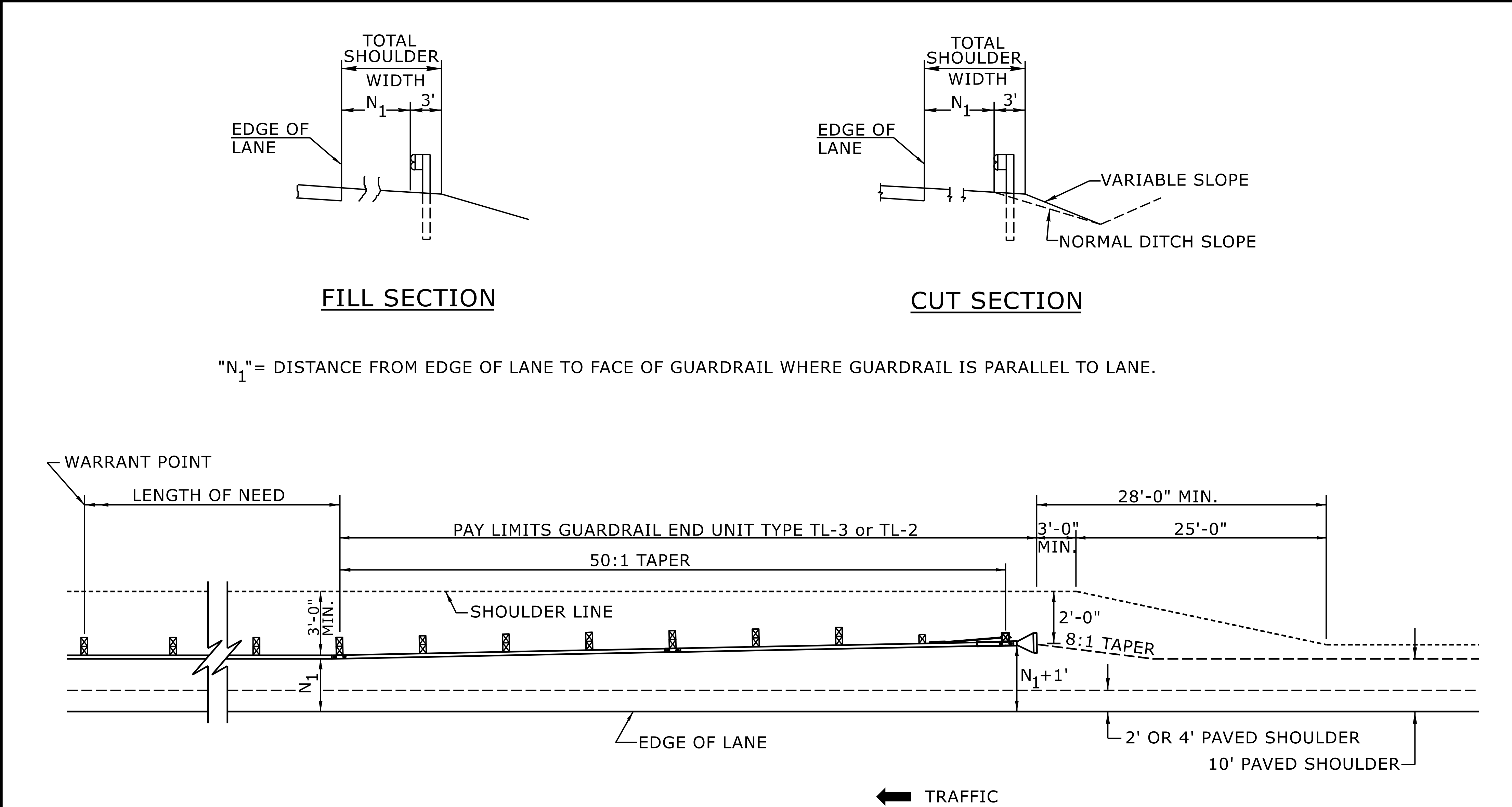
- REMOVAL AREA OF BRUSH, TREES, AND TREE LIMBS

BRUSH AND TREE TRIMMING – DETAIL B
N.T.S.

USE DETAIL B AS FOLLOWS: USE AT LOCATIONS DESIGNATED ON THE ROADWAY PLAN SHEETS.

NOTES – DETAIL B

- CUT AND REMOVE ALL OVERHANGING TREE LIMBS WITHIN REMOVAL AREAS AND DISPOSE OF OFF SITE.
- CUT ALL BRUSH AND TREES TO GROUND LEVEL WITHIN REMOVAL AREAS AND TREAT STUMPS WITH HERBICIDE. DISPOSE OF ALL DEBRIS OFF SITE.
- CONDUCT OPERATIONS SO AS TO PREVENT INJURY TO TREES, SHRUBS OR OTHER TYPES OF VEGETATION THAT ARE TO REMAIN GROWING, AND ALSO TO PREVENT DAMAGE TO ADJACENT PROPERTY, ROADWAY SIGNS, AND ROADWAY LIGHTING.
- RESTORE DISTURBED WORK AREAS TO EXISTING GRADE. REPLACE ANY CONCRETE ITEM OR RIP RAP DITCH LINING THAT IS DAMAGED DURING CONSTRUCTION. NO PAYMENT WILL BE MADE FOR THIS WORK AND WILL BE INCIDENTAL TO "BRUSH AND TREE TRIMMING".
- SEE SPECIAL PROVISIONS FOR FURTHER DETAILS.



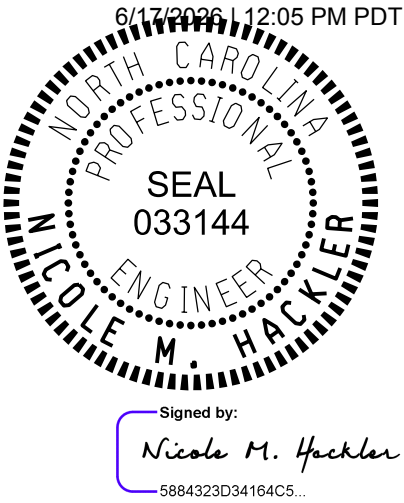
FOR POSTED SPEEDS ≥ 45mph USE GREU TYPE TL-3
FOR POSTED SPEEDS < 45mph USE GREU TYPE TL-2

DETAIL OF BEGINNING OF GUARDRAIL IN CUT OR FILL SECTION

STATE OF
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DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL PLACEMENT

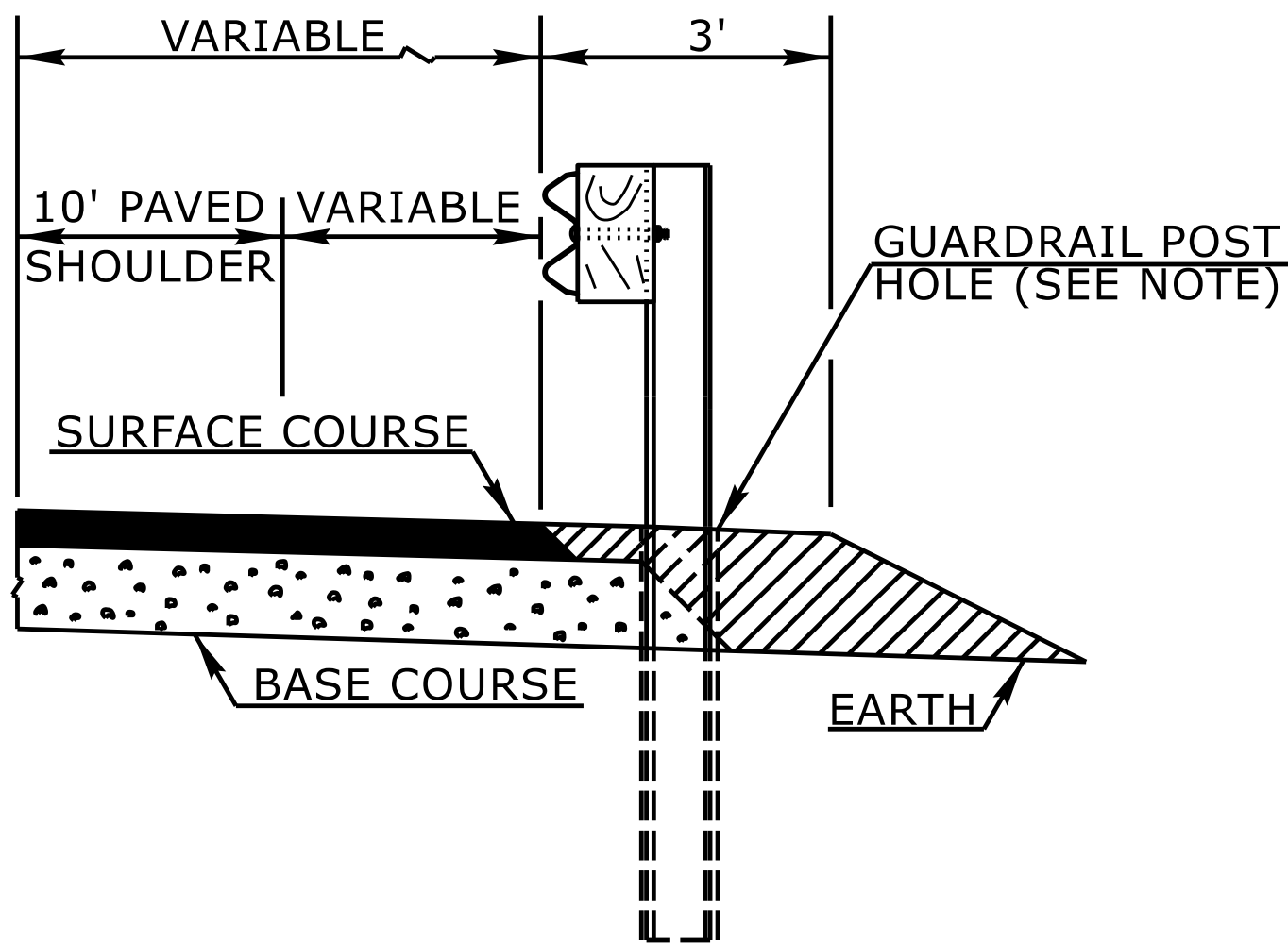
SHEET 6 OF 15
862D01



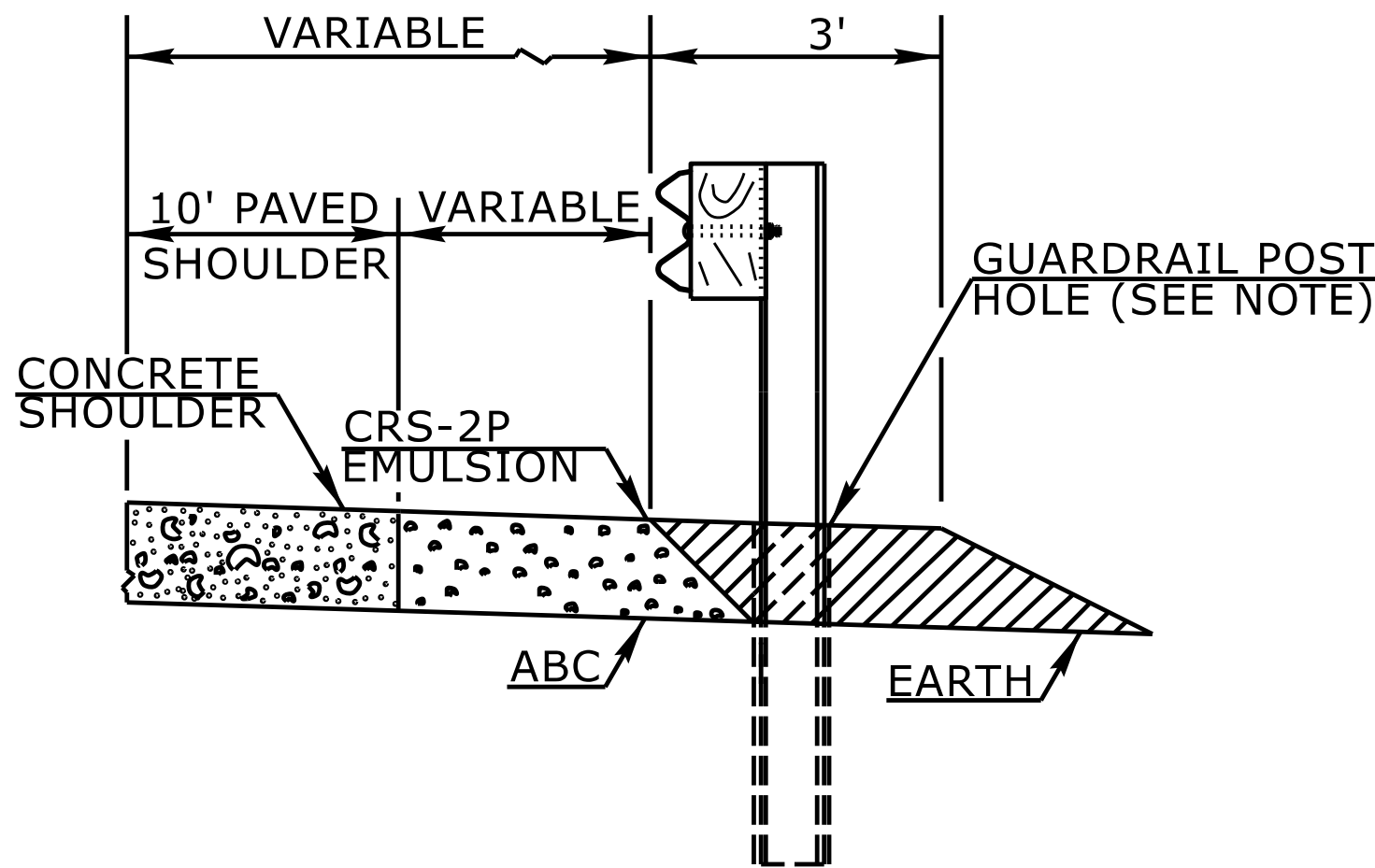
DOCUMENT NOT CONSIDERED FINAL
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CONTRACTS STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950	FAX 919-250-4119
SEE TITLE BLOCK	
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MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC.:	

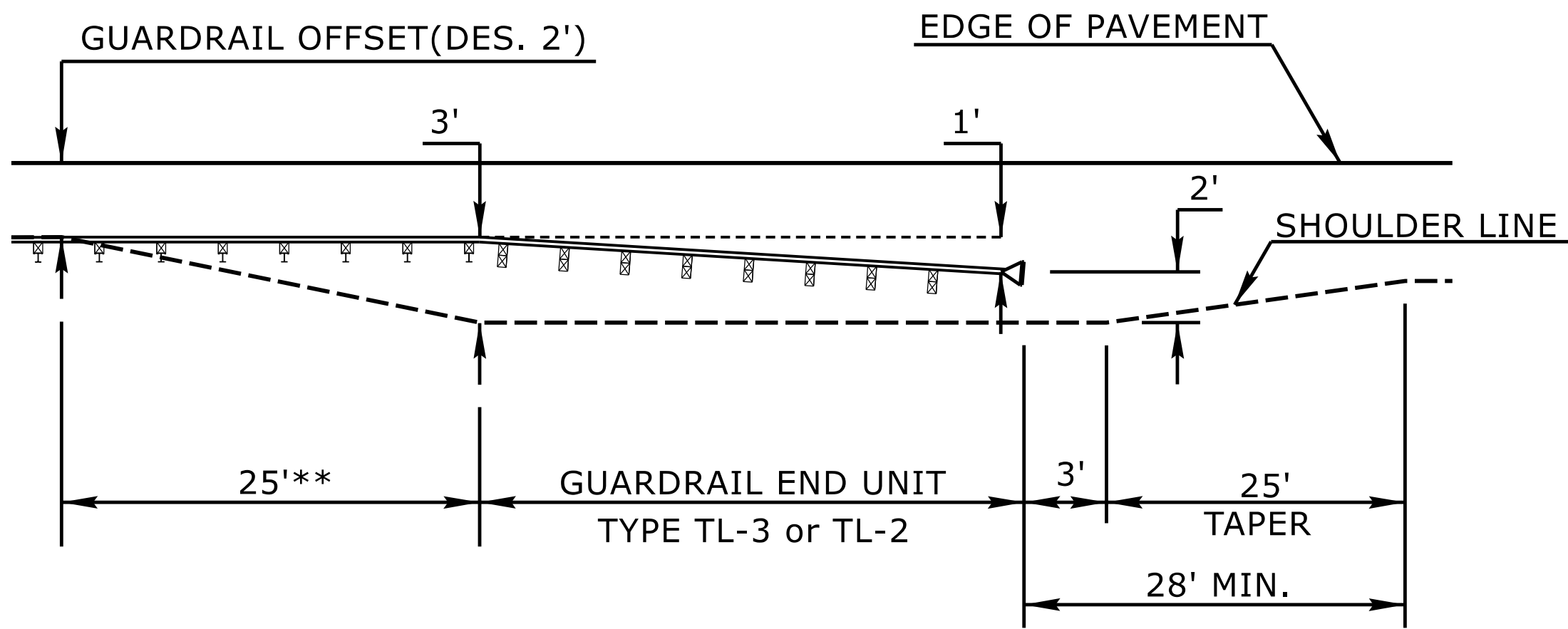
PROJECT REFERENCE NO.	SHEET NO.
I-5995	2C-2



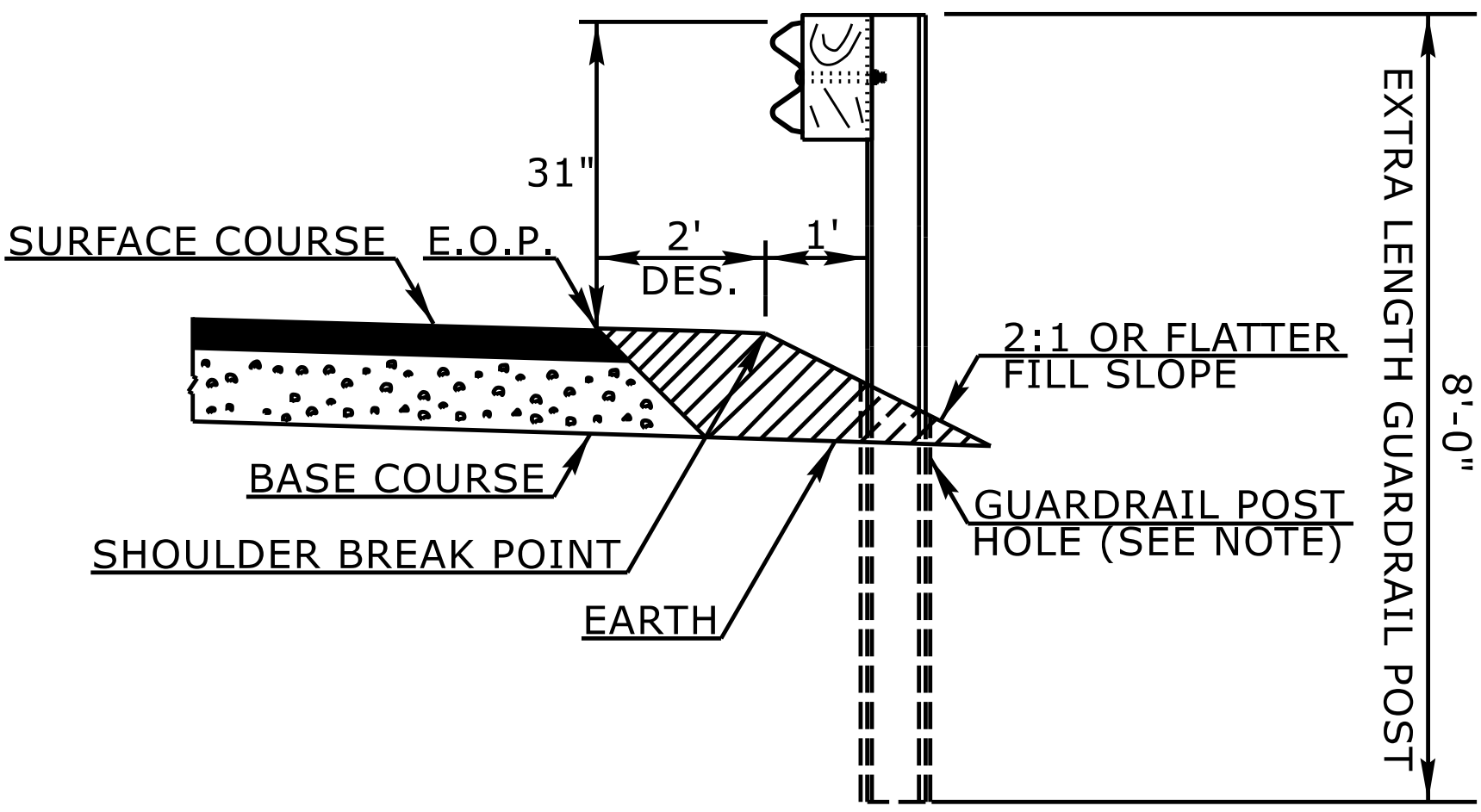
FLEXIBLE PAVED SHOULDER



CONCRETE PAVED SHOULDER



8' GUARDRAIL POST ON 2:1 SLOPE-END UNIT TRANSITION*
PLAN VIEW



8' GUARDRAIL POST ON 2:1 SLOPE*

* THE 8' GUARDRAIL POST ON 2:1 SLOPE DETAIL IS INTENDED FOR USE ONLY IN SEVERELY CONSTRAINED AREAS WITH A POSTED SPEED $\leq$ 60 MPH. GUARDRAIL END UNITS MAY NOT BE PLACED ON THE 2:1 SLOPE AND MUST TRANSITION TO THE SHOULDER.
** 8' GUARDRAIL POST SHOULD BE USED IN THIS RANGE

NOTE:
WHEN WOODEN GUARDRAIL POSTS ARE USED, DRILL HOLES THROUGH EARTH MATERIAL AND BASE COURSE.THE POST MAY THEN BE DRIVEN TO THE PROPER DEPTH. DRILL THE HOLE OF SUFFICIENT SIZE TO ACCOMMODATE THE PARTICULAR POST BEING USED. BACKFILL AND TAMP HOLES USING THE EXCAVATED MATERIAL.

STATE OF
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DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL PLACEMENT

SHEET 11 OF 15
862D01



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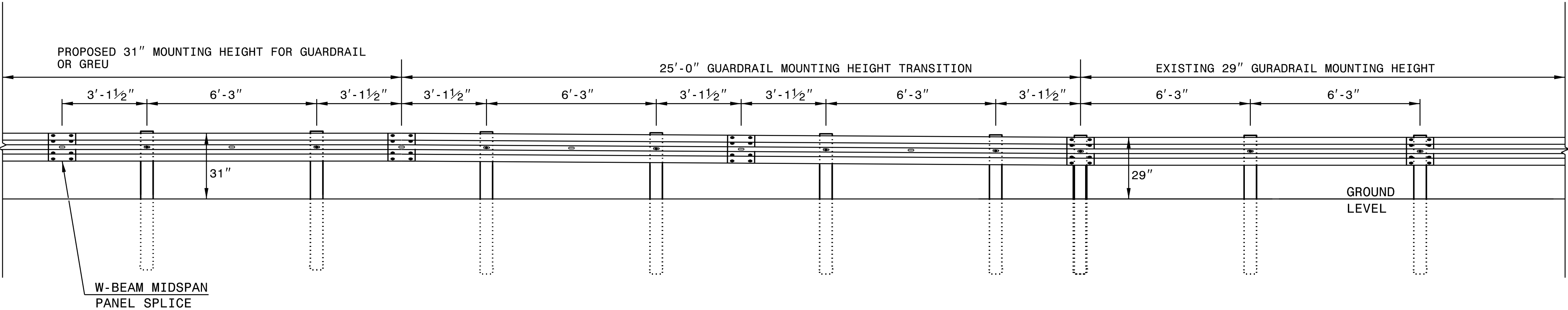
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AND DEVELOPMENT UNIT**
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CHECKED BY: DATE:
FILE SPEC.: DATE:

PROJECT REFERENCE NO.	SHEET NO.
I-5995	2C-3

NOTE: IF EXISTING GUARDRAIL IS LOWER THAN 29", USE AN ADDITIONAL 12'-6" LONG SECTION OF GUARDRAIL,
FOR EVERY 1" OF HEIGHT DIFFERENCE, TO TRANSITION FROM EXISTING GUARDRAIL TO PROPOSED 31" GUARDRAIL.



ELEVATION VIEW

TRANSITION FROM 29" TO 31" W-BEAM GUARDRAIL MOUNTING HEIGHT

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 5 OF 9

862D02



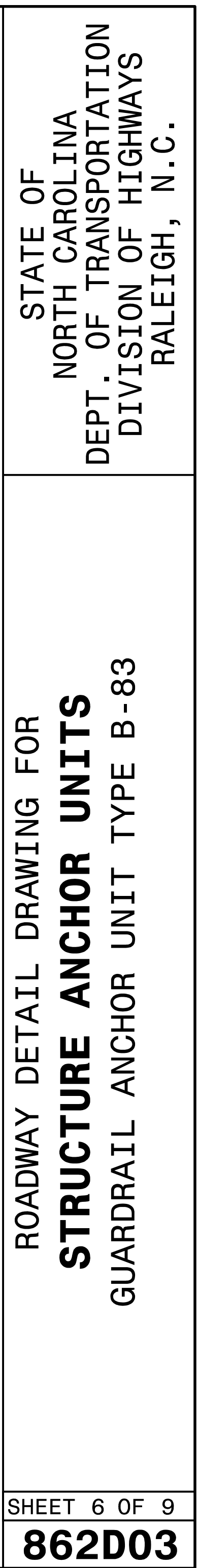
Signed by:
Nicole M. Hacker
588432034184C5

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AND DEVELOPMENT UNIT**
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ORIGINAL BY: K. Aldridge DATE: 02-25
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.:



PROJECT REFERENCE NO.	SHEET NO.
I-5995	2C-5

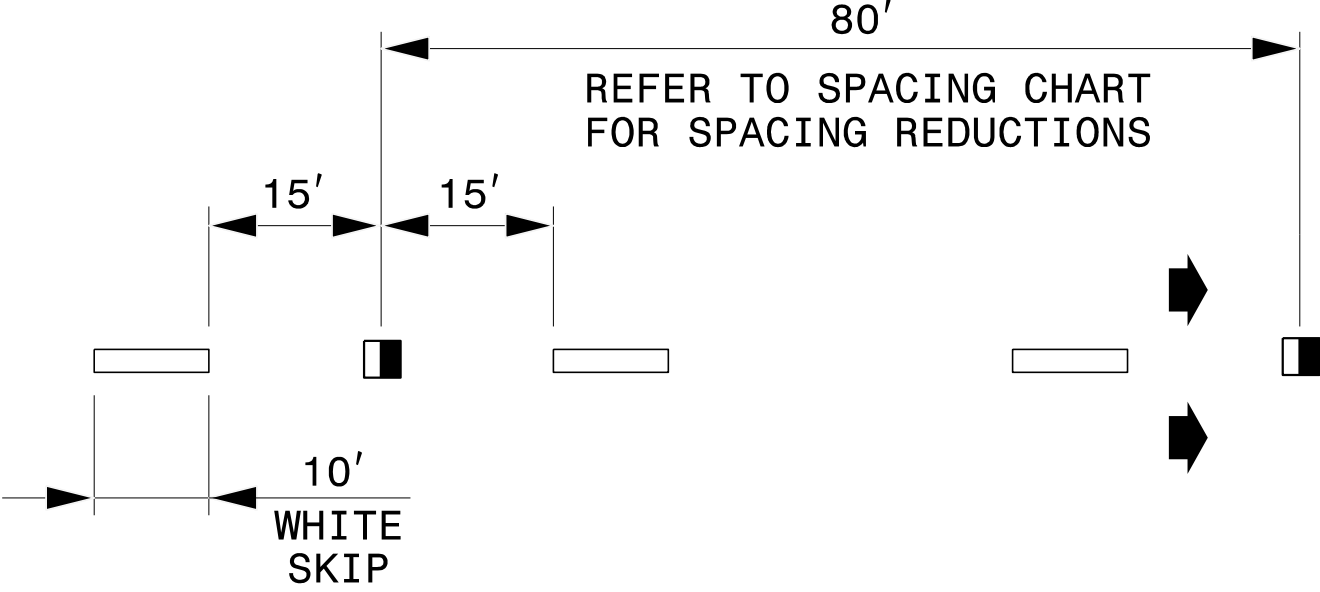
CONTINUOUS LINES EDGE LINE YELLOW OR WHITE 4" / 6" LANE LINE WHITE 4" / 6" CENTER LINE YELLOW 4" / 6" GORE LINE WHITE 8" / 12" DIAGONAL LINE YELLOW OR WHITE 12" 45 MPH OR HIGHER 8" LESS THAN 45 MPH 4"-6" FOR BICYCLE FACILITIES CROSSWALK LINE WHITE 8" TRANSVERSE 24" LONGITUDINAL RxR LINE WHITE 16" STOP OR TRANSVERSE BAR WHITE 24"	10'-30'/SP SKIP LINE UNLESS OTHERWISE SHOWN, USE 10'-30'/SP SKIPS FOR SKIP LANE LINES AND SKIP CENTER LINES. 10' 30' 4" / 6" YELLOW OR WHITE	2'-6'/SP MINI-SKIP LINE UNLESS OTHERWISE SHOWN, USE 2'-6'/SP MINI-SKIPS FOR LANE LINE EXTENSIONS THROUGH INTERSECTIONS, EDGE LINE EXTENSIONS THROUGH INTERSECTIONS AND BICYCLE LANE EXTENSIONS. 2' 6' 4" / 6" YELLOW OR WHITE	STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.
	3'-3'/SP MINI-SKIP LINE UNLESS OTHERWISE SHOWN, USE 3'-3'/SP MINI-SKIPS FOR THE WHITE EDGE LINE EXTENSIONS AT ROUNDABOUTS. 3' 3' 8" / 12" WHITE	3'-9'/SP MINI-SKIP LINE UNLESS OTHERWISE SHOWN, USE 3'-9'/SP MINI-SKIPS FOR MINI-SKIP LANE LINES, LINE EXTENSIONS THROUGH TAPERS, AND MINI-SKIPS USED FOR BICYCLE LANE LINES. 3' 9' 4" / 6" WHITE	
GENERAL NOTES: 1- USE 6" LANE, EDGE, AND CENTER LINES ON ALL FULL CONTROL OF ACCESS FACILITIES AND OTHER ROUTES AS DIRECTED BY THE ENGINEER. 2- LANE LINES INDICATED AS "WIDE" ON THE ROADWAY STANDARD DRAWINGS SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE. 3- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.		ROADWAY DETAIL DRAWING FOR PAVEMENT MARKINGS LINE TYPES AND OFFSETS	
		SHEET 1 OF 2 1205D01	



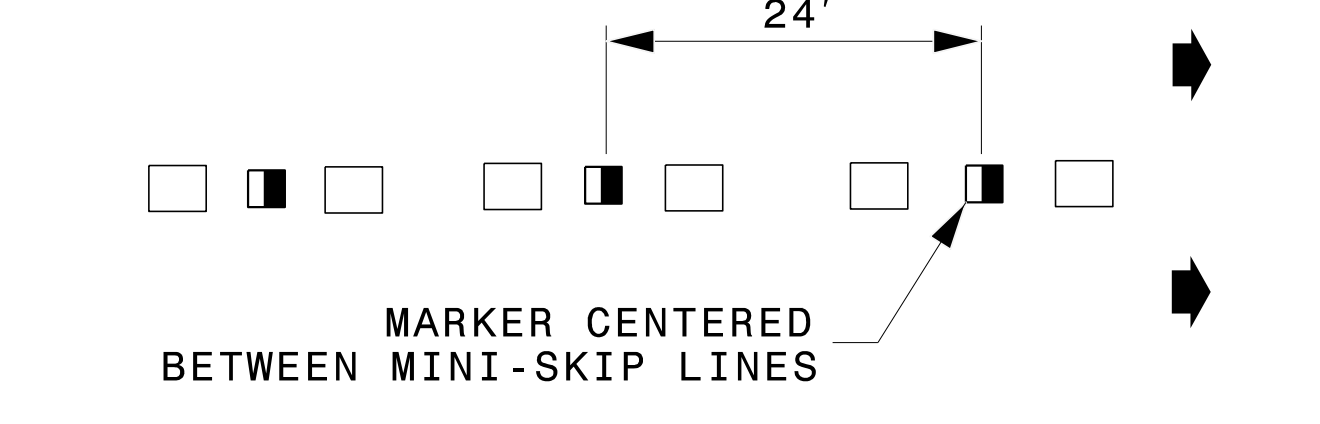
Signed by:
Matthew V. Springer
BC00F6C8B8584403

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CHECKED BY: _____	DATE: _____
FILE SPEC.: _____	

10'-30'/SP SKIP LINE



3'-9'/SP MINI-SKIP LINE



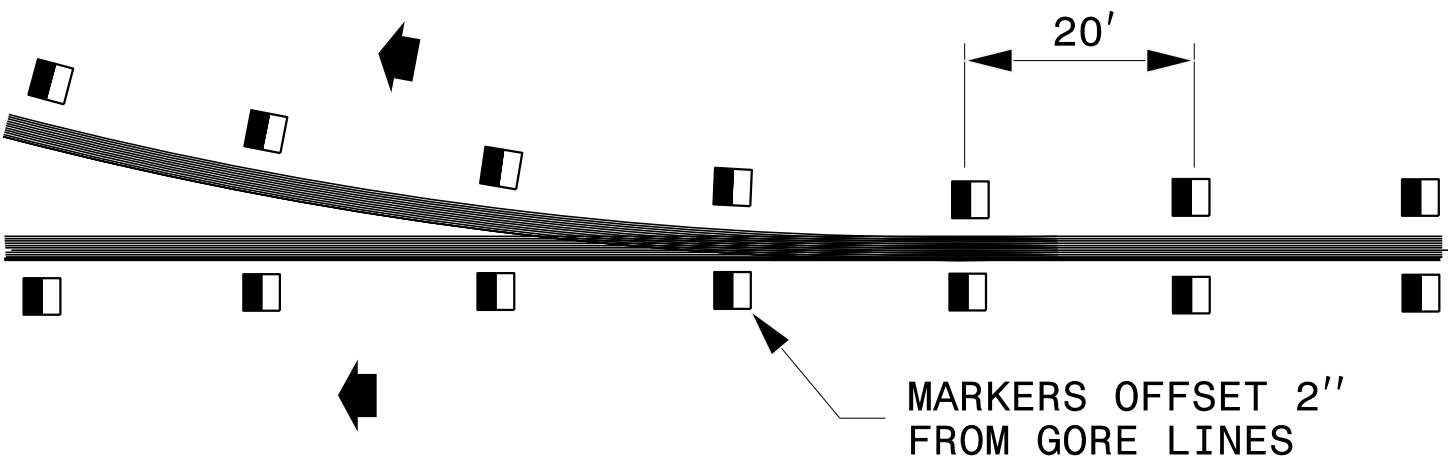
LEGEND

CRYSTAL/RED PAVEMENT MARKER

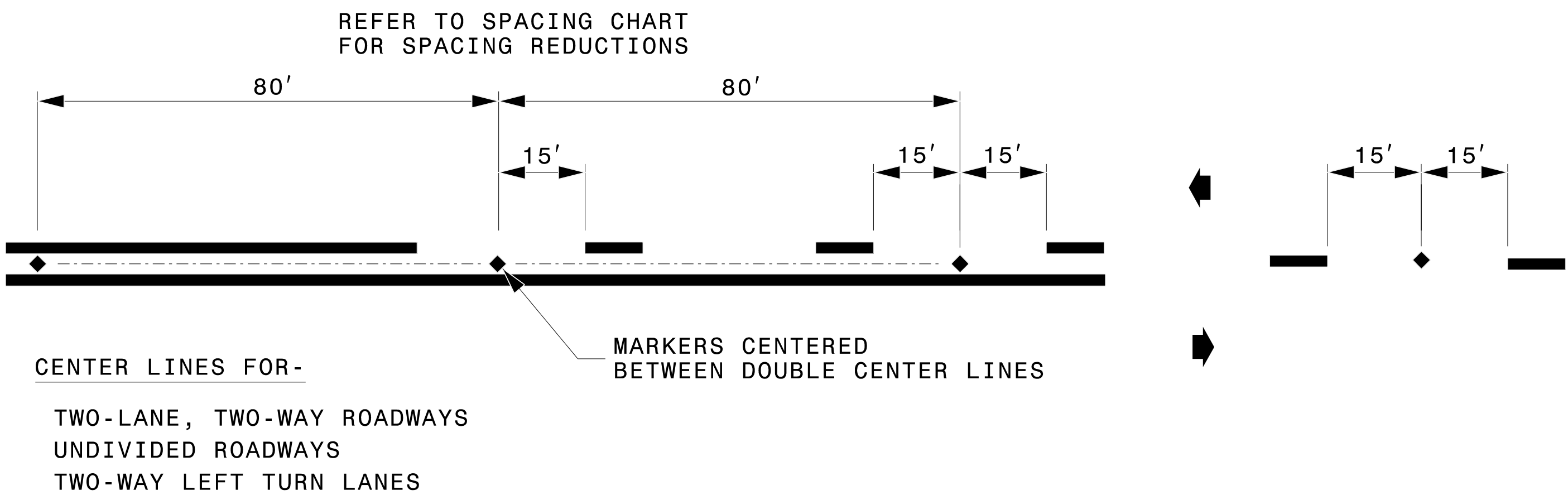
YELLOW/YELLOW PAVEMENT MARKER

DIRECTION OF TRAFFIC FLOW

GORE LINES

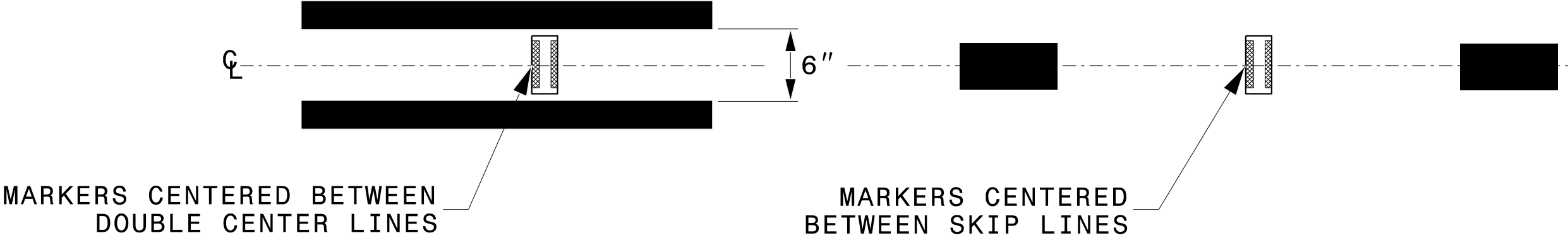


YELLOW CENTER LINES



DETAIL OF PAVEMENT MARKER PLACEMENT

RAISED REFLECTIVE PAVEMENT MARKERS



STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
RAISED PAVEMENT MARKERS
INSTALLATION SPACING

SHEET 2 OF 3
1250D01

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AND DEVELOPMENT UNIT

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MODIFIED BY: DATE:

CHECKED BY: DATE:

FILE SPEC.:

COMPUTED BY: JDB
CHECKED BY: TEH

DATE: 04/02/26
DATE: 04/10/26

PROJECT NO.
I-5995

SHEET NO.
3B-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PAVED DITCH CLEAN OUT SUMMARY					
SURVEY LINE	BEG. STA.	END STA.	LOCATION	PAVED DITCH LENGTH (FT)	DESCRIPTION
-I40WB-	732+15.00	732+40.00	RT (MED)	30	EXIST CONC PAVED DITCH
-I40WB-	766+85.00	767+80.00	LT	95	EXIST TOE OF BRIDGE SLOPE PROTECTION
-I40WB-	769+58.00	770+43.00	LT	85	EXIST CONC PAVED DITCH
-I40WB-	771+68.00	772+73.00	LT	105	EXIST CONC PAVED DITCH
-I40WB-	777+19.00	778+71.00	LT	152	EXIST CONC PAVED DITCH
-I40WB-	799+07.00	799+36.00	LT	29	EXIST TOE OF BRIDGE SLOPE PROTECTION
-I40WB-	803+20.00	804+29.00	LT	109	EXIST TOE OF BRIDGE SLOPE PROTECTION
-I40WB-	885+41.00	888+52.00	LT	311	EXIST TOE OF BRIDGE SLOPE PROTECTION
-I40WB-	907+20.00	1080+70.00	RT (MED)	17350	EXIST ASPH PAVED MEDIAN DITCH
-I40WB-	1082+98.00	1139+76.00	RT (MED)	5678	EXIST ASPH PAVED MEDIAN DITCH
-I40WB-	1104+60.00	1106+31.00	LT	180	EXIST CONC PAVED DITCH
-I40WB-	1012+24.00	1014+28.00	LT	204	EXIST BRIDGE PIER PROTECTION
-I40WB-	1075+27.00	1075+61.00	LT	34	EXIST TOE OF BRIDGE SLOPE PROTECTION
-I40WB-	1126+86.00	1128+12.00	LT	126	EXIST CONC PAVED DITCH
-I40WB-	1137+80.00	1138+77.00	LT	97	EXIST TOE OF BRIDGE SLOPE PROTECTION
-I40WB-	1135+15.00	1136+22.00	LT	107	EXIST CONC PAVED DITCH
-I40WB-	1140+44.00	1141+93.00	LT	149	EXIST CONC PAVED DITCH
-I40WB-	1145+95.00	1146+92.00	LT	97	EXIST CONC PAVED DITCH
-I40WB-	1203+85.00	1204+15.00	RT (MED)	30	EXIST CONC PAVED DITCH
-I40EB-	166+57.00	167+50.00	RT	93	EXIST TOE OF BRIDGE SLOPE PROTECTION
-I40EB-	168+85.00	169+79.00	RT	94	EXIST CONC PAVED DITCH
-I40EB-	170+50.00	171+25.00	RT	75	EXIST CONC PAVED DITCH
-I40EB-	203+56.00	204+68.00	RT	112	EXIST TOE OF BRIDGE SLOPE PROTECTION
-I40EB-	286+15.00	288+57.00	RT	242	EXIST TOE OF BRIDGE SLOPE PROTECTION
-I40EB-	412+60.00	414+60.00	RT	200	EXIST BRIDGE PIER PROTECTION
-I40EB-	475+35.00	475+70.00	RT	35	EXIST TOE OF BRIDGE SLOPE PROTECTION
-I40EB-	424+46.00	424+76.00	RT	30	EXIST CONC PAVED DITCH
-I40EB-	502+94.00	505+10.00	RT	216	EXIST CONC PAVED DITCH
-I40EB-	530+06.00	530+33.00	RT	27	EXIST CONC PAVED DITCH
-I40EB-	536+45.00	537+45.00	RT	100	EXIST TOE OF BRIDGE SLOPE PROTECTION
-DDRPA-	10+00.00	10+98.00	RT	98	EXIST CONC PAVED DITCH
-DDRPA-	13+58.00	16+93.00	LT	335	EXIST CONC PAVED DITCH
-DDRPD-	15+50.00	17+15.00	LT	165	EXIST CONC PAVED DITCH
-APRPA-	14+14.00	18+68.00	LT	468	EXIST CONC PAVED DITCH
-APRPC-	18+53.00	21+70.00	LT	308	EXIST CONC PAVED DITCH
-NHARPA-	13+77.00	17+45.00	LT	368	EXIST CONC PAVED DITCH
-NHARPB-	19+32.00	20+40.00	LT	110	EXIST CONC PAVED DITCH
-NHARPC-	12+04.00	12+73.00	LT	70	EXIST CONC PAVED DITCH
-NHARPD-	12+22.00	15+98.00	LT	379	EXIST CONC PAVED DITCH
PROJECT TOTAL				28493	
STATIONS (STA.) ARE APPROXIMATE AND MAY BE FIELD ADJUSTED BY THE ENGINEER.					

CLEAN AND RESEAL CONCRETE JOINT SUMMARY						
SURVEY LINE	BEG. STA.	END STA.	LOCATION	CONC CURB LENGTH (FT)	CONC ISLAND AREA (SY)	DESCRIPTION
-I40WB-	730+60.00	732+15.00	RT (MED)	155		EXIST CONC CURB
-I40WB-	764+30.00	766+85.00	LT	255		EXIST CONC CURB
-I40WB-	770+43.00	770+73.00	LT	33		EXIST CONC CURB
-I40WB-	842+36.00	843+00.00	LT	68		EXIST CONC CURB
-I40WB-	847+95.00	848+23.00	LT	28		EXIST CONC CURB
-I40WB-	870+83.00	875+77.00	LT	494		EXIST CONC CURB
-I40WB-	882+51.00	883+49.00	LT	103		EXIST CONC CURB
-I40WB-	907+78.00	919+48.00	LT	1170		EXIST CONC CURB
-I40WB-	968+90.00	979+48.00	LT	1057		EXIST CONC CURB
-I40WB-	984+41.00	987+97.00	LT	356		EXIST CONC CURB
-I40WB-	1009+97.00	1010+99.00	LT	105		EXIST CONC CURB
-I40WB-	1163+81.00	1173+73.00	LT	992		EXIST CONC CURB
-I40WB-	1194+35.00	1200+70.00	LT	635		EXIST CONC CURB
-I40EB-	241+93.00	243+05.00	RT	115	164	EXIST CONC CURB
-I40EB-	284+55.00	284+87.00	RT	32		EXIST CONC CURB
-I40EB-	310+91.00	333+24.00	RT	2233		EXIST CONC CURB
-I40EB-	411+42.00	412+60.00	RT	126		EXIST CONC CURB
-I40EB-	414+60.00	424+57.00	RT	997		EXIST CONC CURB
-I40EB-	550+73.00	573+51.00	RT	2278		EXIST CONC CURB
-I40EB-	593+95.00	605+35.00	RT	1140		EXIST CONC CURB
-DDRPA-	16+93.00	20+22.00	LT	332		EXIST CONC CURB
-DDSPURA-	10+34.00	11+05.00	LT		164	EXIST CONC MONO ISLAND
-DDLPA-	10+34.00	13+65.00	LT	340		EXIST CONC CURB
-DDLPA-	10+50.00	17+43.00	RT	720		EXIST CONC CURB
-DDLPA-	10+34.00	10+53.00	RT		30	EXIST CONC MONO ISLAND
-DDLPD-	10+05.00	17+20.00	RT	640		EXIST CONC CURB
-SMBRPA-	20+25.00	23+54.00	LT		399	EXIST CONC MONO ISLAND
-SMBRPA-	22+15.00	22+74.00	RT	59		EXIST CONC CURB
-SMBSPURA-	10+00.00	11+89.00	RT	189		EXIST CONC CURB
-SMBSPURA-	10+55.00	11+38.00	LT		132	EXIST CONC MONO ISLAND
-SMBLPA-	11+45.00	18+29.00	RT	640		EXIST CONC CURB
-SMBLPD-	10+13.00	15+02.00	RT	454		EXIST CONC CURB
-SMBLPD-	13+21.00	15+67.00	LT		308	EXIST CONC MONO ISLAND
-PRLPB-	10+00.00	20+55.00	RT	1012		EXIST CONC CURB
-PRLPB-	16+00.00	20+30.00	LT		229	EXIST CONC MONO ISLAND
-PRSPURC-	10+00.00	11+08.00	RT	97		EXIST CONC CURB
-PRSPURC-	10+21.00	10+92.00	LT		190	EXIST CONC MONO ISLAND
-PRLPC-	11+27.00	17+14.00	RT	555		EXIST CONC CURB
-PRLPC-	10+52.00	12+87.00	LT		104	EXIST CONC MONO ISLAND
-APRPC-	24+47.00	25+45.00	RT	132		EXIST CONC CURB
-APRPC-	24+48.00	25+31.00	LT	90		EXIST CONC CURB
-APRPD-	10+00.00	11+52.00	RT	127		EXIST CONC CURB
-APRPD-	10+50.00	11+50.00	LT	113		EXIST CONC CURB
-NHARPA-	17+77.00	18+14.00	LT	48		EXIST CONC CURB
-NHARPB-	10+43.00	10+77.00	LT	65		EXIST CONC CURB
-NHARPC-	16+60.00	17+40.00	RT	130		EXIST CONC CURB
-NHARPC-	17+55.00	17+88.00	LT	45		EXIST CONC CURB
-NHARPC-	17+07.00	17+60.00	RT		213	EXIST CONC MONO ISLAND
-NHARPD-	10+40.00	10+58.00	LT	42		EXIST CONC CURB
-NHARPD-	10+07.00	10+88.00	RT	115		EXIST CONC CURB
-NHARPD-	10+21.00	10+42.00	RT		16	EXIST CONC MONO ISLAND
PROJECT TOTAL				18317	1785	
STATIONS (STA.) ARE APPROXIMATE AND MAY BE FIELD ADJUSTED BY THE ENGINEER.						

DATE: 04/02/26
DATE: 04/10/26

I-5995

3B-3

CABLE GUIDERAIL SUMMARY

<i>DELINEATION SUMMARY</i>							
SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH (FT)	SPACING (FT)	DELINEATORS (EA)	DESCRIPTION
THE FOLLOWING EXISTING BARRIER LOCATIONS TO REMAIN SHALL INCLUDE INSTALLATION OF NEW DELINEATORS IN ACCORDANCE WITH STANDARD DRAWINGS 1261.01 AND 1261.02.							
-140WB-	803+25.00	804+33.00	LT	108	25	6	EXIST CONC SHOULDER PIER PROTECTION
-140WB-	846+00.00	847+85.00	LT	185	25	9	EXIST CONC BRIDGE RAIL
-140WB-	1012+30.00	1014+21.00	LT	191	25	9	EXIST CONC SHOULDER PIER PROTECTION
-140WB-	1080+70.00	1082+98.00	LT	228	25	11	EXIST CONC BRIDGE RAIL
-140WB-	758+05.00	907+20.00	RT (MED)	14915	100	151	EXIST CONC MEDIAN BARRIER AND CONC MEDIAN PIER PROTECTION
-140WB-	1013+16.00	1014+30.00	RT (MED)	114	25	6	EXIST CONC MEDIAN PIER PROTECTION
-140WB-	1038+47.00	1038+72.00	RT (MED)	25	25	2	EXIST CONC MEDIAN PIER PROTECTION
-140WB-	1074+35.00	1074+57.00	RT (MED)	22	25	2	EXIST CONC MEDIAN PIER PROTECTION
-140WB-	1080+70.00	1082+98.00	RT (MED)	228	25	11	EXIST CONC BRIDGE RAIL
-140WB-	1212+15.00	1212+48.00	RT (MED)	33	25	3	EXIST CONC MEDIAN PIER PROTECTION
-140EB-	199+32.00	199+61.00	RT	29	25	3	EXIST CONC SHOULDER PIER PROTECTION
-140EB-	203+54.00	204+65.00	RT	111	25	6	EXIST CONC SHOULDER PIER PROTECTION
-140EB-	244+89.00	246+75.00	RT	186	25	9	EXIST CONC BRIDGE RAIL
-140EB-	412+33.00	414+60.00	RT	227	25	11	EXIST CONC SHOULDER PIER PROTECTION
-140EB-	480+35.00	482+62.00	RT	227	25	11	EXIST CONC BRIDGE RAIL
-140EB-	157+99.00	306+82.00	LT (MED)	14883	100	150	EXIST CONC MEDIAN BARRIER AND CONC MEDIAN PIER PROTECTION
-140EB-	412+77.00	413+91.00	LT (MED)	114	25	6	EXIST CONC MEDIAN PIER PROTECTION
-140EB-	438+10.00	438+35.00	LT (MED)	25	25	2	EXIST CONC MEDIAN PIER PROTECTION
-140EB-	473+99.00	474+22.00	LT (MED)	23	25	2	EXIST CONC MEDIAN PIER PROTECTION
-140EB-	480+35.00	482+62.00	LT (MED)	227	25	11	EXIST CONC BRIDGE RAIL
-140EB-	611+79.00	612+11.00	LT (MED)	32	25	3	EXIST CONC MEDIAN PIER PROTECTION
					PROJECT TOTAL	424	

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS SUMMARY OF QUANTITIES

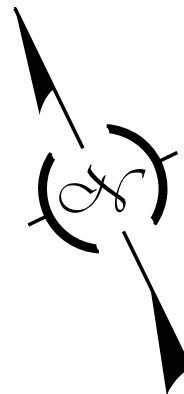
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STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	LINE	DESCRIPTION	TYP NO	LENGTH	4688000000-E		4695000000-E	4700000000-E	4709000000-E	4720000000-E	4725000000-E	4775000000-E		4785000000-E	4847300000-N	4855000000-E	4895000000-N
							THERMO PAVT MRKG LINES (6", 90 MILS) WHITE	THERMO PAVT MRKG LINES (6", 90 MILS) YELLOW	THERMO PAVT MRKG LINES (8", 90 MILS) WHITE	THERMO PAVT MRKG LINES (12", 90 MILS) WHITE	THERMO PAVT MRKG LINES (24", 90 MILS) WHITE	THERMO PAVT MRKG CHARACTER (90 MILS)	THERMO PAVT MRKG SYMBOL (90 MILS)	COLD APPLIED PLASTIC PAVT MRKG LINES (6") WHITE	COLD APPLIED PLASTIC PAVT MRKG LINES (6") YELLOW	COLD APPLIED PLASTIC PAVT MRKG LINES (12") WHITE	IN LANE ROUTE SHIELDS	REMOVAL OF PAVT MRKG LINES (6")	GENERIC ITEM, POLYCARBONATE H- SHAPED MARKERS
							MI	LF	LF	LF	LF	EA	EA	LF	LF	LF	EA	LF	EA
I-5995	DURHAM/WAKE	1	-I40WB-	I-40 WESTBOUND LANES	1, 2	8.267	77,647	43,622		14,420		120	46	849	464	52		1,365	3,064
		2	-I40EB-	I-40 EASTBOUND LANES	1, 2	7.990	74,049	42,148		14,634		124	32	809	473	52	9	1,334	2,940
		3	-DDRPA-	DAVIS DR RAMP A	5	0.196	1,589	1,020		151	31	8	11						77
		4	-DDSRURA-	DAVIS DR SPUR A	6	0.032	153			244									13
		5	-DDLPA-	DAVIS DR LOOP A	6	0.136		490		242			1						13
		6	-DDRPD-	DAVIS DR RAMP D															
		7	-DDLPD-	DAVIS DR LOOP D	6	0.011	12	60					1						16
		8	-SMBRPA-	S MIAMI BLVD RAMP A	5	0.261	1,353	1,083		206	20		6						33
		9	-SMBSRURA-	S MIAMI BLVD SPUR A	6	0.017				222			1						12
		10	-SMBLPA-	S MIAMI BLVD LOOP A															
		11	-SMBRPD-	S MIAMI BLVD RAMP D	5	0.187	1,142	708					3						34
		12	-SMBLPD-	S MIAMI BLVD LOOP D	6	0.115	301	395			41		7						23
		13	-PRRPB-	PAGE RD RAMP B	5	0.291	1,549	1,114					1						3
		14	-PRLPB-	PAGE RD LOOP B	6	0.201	751	798		132	45	12	10						71
		15	-PRRPC-	PAGE RD RAMP C	5	0.200	1,764	852			64	8	14						75
		16	-PRSPURC-	PAGE RD SPUR C	6	0.016	76			182			6						12
		17	-PRLPC-	PAGE RD LOOP C	6	0.127	9	483		94									7
		18	-I54ORPA-	I-540 RAMP A															
		19	-I54OLPA-	I-540 LOOP A															
		20	-I54ORPB-	I-540 RAMP B															
		21	-I54OLPB-	I-540 LOOP B															
		22	-I54ORPC-	I-540 RAMP C	3	0.021	138	111											3
		23	-I54OLPC-	I-540 LOOP C															
		24	-I54ORPD-	I-540 RAMP D															
		25	-APRPA-	AVIATION PKWY RAMP A	5	0.016	85	86											
		26	-APRPB-	AVIATION PKWY RAMP B															
		27	-APLPB-	AVIATION PKWY LOOP B															
		28	-APRPC-	AVIATION PKWY RAMP C	5	0.291	2,370	1,507	15		80			15					73
		29	-APLPC-	AVIATION PKWY LOOP C	6	0.011		59											
		30	-APRPD-	AVIATION PKWY RAMP D	5	0.250	1,203	1,270		97				1					5
		31	-NHARPA-	N HARRISON AVE RAMP A	5	0.153	1,355	778		270	26			10					67
		32	-NHARPB-	N HARRISON AVE RAMP B	5	0.224	1,530	1,134						6					36
		33	-NHARPC-	N HARRISON AVE RAMP C	5	0.148	1,219	757		75	190			13					53
		34	-NHARPD-	N HARRISON AVE RAMP D	5	0.210	1,519	1,077		114				7					48
		35	-WADEWB-	WADE AVE WESTBOUND LANES	4	0.008	53	41											2
		36	-WADEEB-	WADE AVE EASTBOUND LANES	4	0.028	188	152											4
GRAND TOTAL FOR TIP PROJECT I-5995						19.408	170,055	99,745	15	31,083	497	272	191	1,658	937	104	9	2,699	6,684
							269,800							2,595					

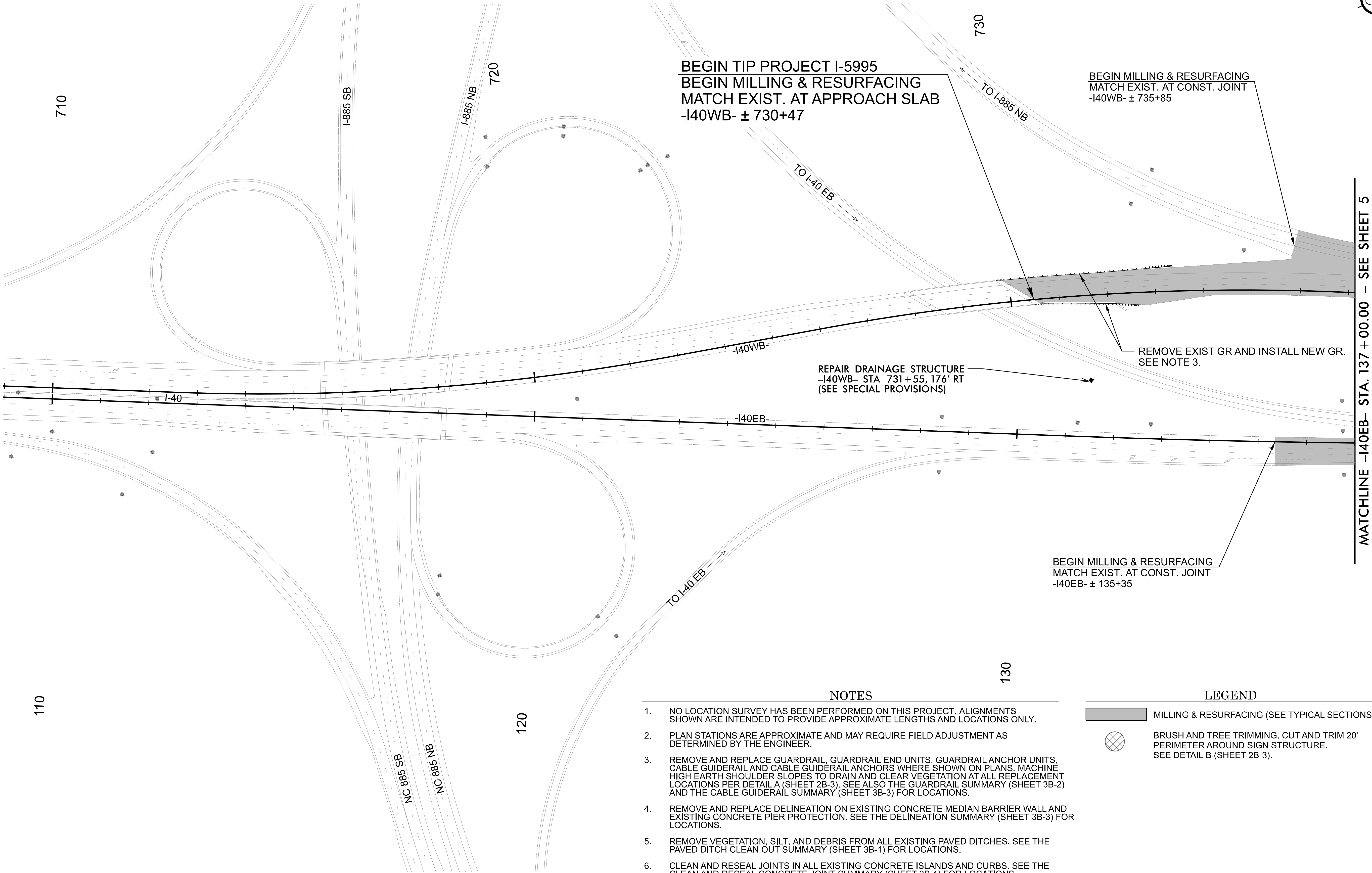


I-5995

4

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DURHAM & WAKE COUNTIES

DIVISION 5



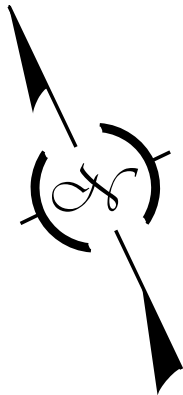
NOTES

1. NO LOCATION SURVEY HAS BEEN PERFORMED ON THIS PROJECT. ALIGNMENTS SHOWN ARE INTENDED TO PROVIDE APPROXIMATE LENGTHS AND LOCATIONS ONLY.
2. PLAN STATIONS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DETERMINED BY THE ENGINEER.
3. REMOVE AND REPLACE GUARDRAIL, GUARDRAIL END UNITS, GUARDRAIL ANCHOR UNITS, CABLE GUIDERAIL AND CABLE GUIDERAIL ANCHORS WHERE SHOWN ON PLANS. MACHINE HIGH EARTH SHOULDER SLOPES TO DRAIN AND CLEAR VEGETATION AT ALL REPLACEMENT LOCATIONS PER DETAIL A (SHEET 2B-3). SEE ALSO THE GUARDRAIL SUMMARY (SHEET 3B-2) AND THE CABLE GUIDERAIL SUMMARY (SHEET 3B-3) FOR LOCATIONS.
4. REMOVE AND REPLACE DELINEATION ON EXISTING CONCRETE MEDIAN BARRIER WALL AND EXISTING CONCRETE PIER PROTECTION. SEE THE DELINEATION SUMMARY (SHEET 3B-3) FOR LOCATIONS.
5. REMOVE VEGETATION, SILT, AND DEBRIS FROM ALL EXISTING PAVED DITCHES. SEE THE PAVED DITCH CLEAN OUT SUMMARY (SHEET 3B-1) FOR LOCATIONS.
6. CLEAN AND RESEAL JOINTS IN ALL EXISTING CONCRETE ISLANDS AND CURBS. SEE THE CLEAN AND RESEAL CONCRETE JOINT SUMMARY (SHEET 3B-1) FOR LOCATIONS.
7. REPLACE PAVEMENT MARKINGS DISTURBED BY CONSTRUCTION OPERATIONS IN EXISTING LOCATION UNLESS OTHERWISE INDICATED ON PLANS TO RESTRIPE PER CURRENT STANDARDS. USE THERMOPLASTIC MARKINGS ON FINAL ASPHALT SURFACES. REMOVE AND REPLACE PAVEMENT MARKINGS ON BRIDGES WITH COLD APPLIED PLASTIC MARKINGS. INSTALL POLYCARBONATE H-SHAPED MARKERS ON FINAL SURFACES.

LEGEND

-
- MILLING & RESURFACING (SEE TYPICAL SECTIONS)

 BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).



MATCHLINE -I40EB- STA. 137 + 00.00 - SEE SHEET 4

MATCHLINE -I40EB- STA. 165 + 00.00 - SEE SHEET 6

740

750

760

CLEANOUT DRAINAGE STRUCTURE
-I40WB- STA 743 + 80, 60' LT
(SEE SPECIAL PROVISIONS)

CLEANOUT DRAINAGE STRUCTURE
-I40WB- STA 745 + 60, 60' LT
(SEE SPECIAL PROVISIONS)

CLEANOUT DRAINAGE STRUCTURE
-I40WB- STA 748 + 02, 60' LT
(SEE SPECIAL PROVISIONS)

REMOVE EXIST GR INCLUDING BIC AND FLARE.
INSTALL NEW GR PARALLEL TO TRAVEL LANE.
SEE NOTE 3.

DITCHING. GRADE DITCH TO DRAIN
(SEE SPECIAL PROVISIONS)

DITCHING. GRADE DITCH TO DRAIN
(SEE SPECIAL PROVISIONS)

DITCHING. GRADE DITCH TO DRAIN
(SEE SPECIAL PROVISIONS)

REPAIR DRAINAGE STRUCTURE
-I40EB- STA 142 + 43, 62' RT
(SEE SPECIAL PROVISIONS)

BEGIN MILLING & RESURFACING
MATCH EXIST. AT CONST. JOINT
-I40EB- ± 138+15

REMOVE EXIST GR AND INSTALL NEW GR.
SEE NOTE 3.

DITCHING. GRADE DITCH TO DRAIN
(SEE SPECIAL PROVISIONS)

CLEANOUT DRAINAGE STRUCTURE
-I40EB- STA 150 + 00, 18' LT
(SEE SPECIAL PROVISIONS)

DITCHING. GRADE DITCH TO DRAIN
(SEE SPECIAL PROVISIONS)

REMOVE EXIST GR AND INSTALL NEW GR.
SEE NOTE 3.

-I40EB- POT 144+72.80 =
-I40EB- POT 144+72.80 (12' LT)

150

NOTES

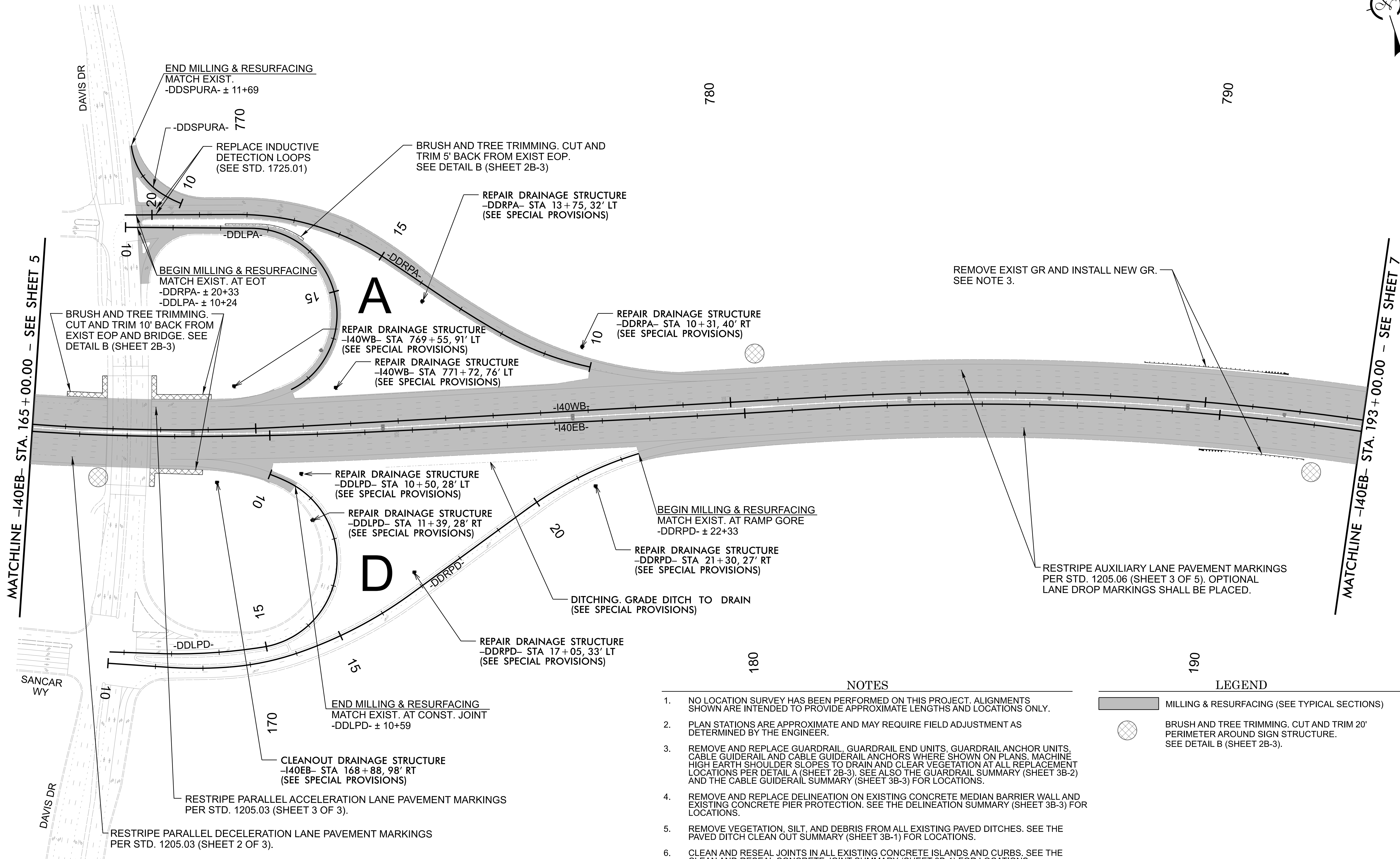
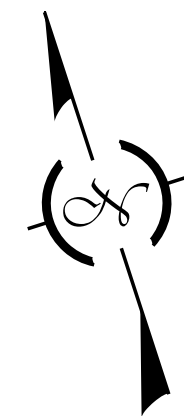
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- REMOVE VEGETATION, SILT, AND DEBRIS FROM ALL EXISTING PAVED DITCHES. SEE THE PAVED DITCH CLEAN OUT SUMMARY (SHEET 3B-1) FOR LOCATIONS.
- CLEAN AND RESEAL JOINTS IN ALL EXISTING CONCRETE ISLANDS AND CURBS. SEE THE CLEAN AND RESEAL CONCRETE JOINT SUMMARY (SHEET 3B-1) FOR LOCATIONS.
- REPLACE PAVEMENT MARKINGS DISTURBED BY CONSTRUCTION OPERATIONS IN EXISTING LOCATION UNLESS OTHERWISE INDICATED ON PLANS TO RESTRIPE PER CURRENT STANDARDS. USE THERMOPLASTIC MARKINGS ON FINAL ASPHALT SURFACES. REMOVE AND REPLACE PAVEMENT MARKINGS ON BRIDGES WITH COLD APPLIED PLASTIC MARKINGS. INSTALL POLYCARBONATE H-SHAPED MARKERS ON FINAL SURFACES.

160

LEGEND

-  MILLING & RESURFACING (SEE TYPICAL SECTIONS)
-  BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).

140

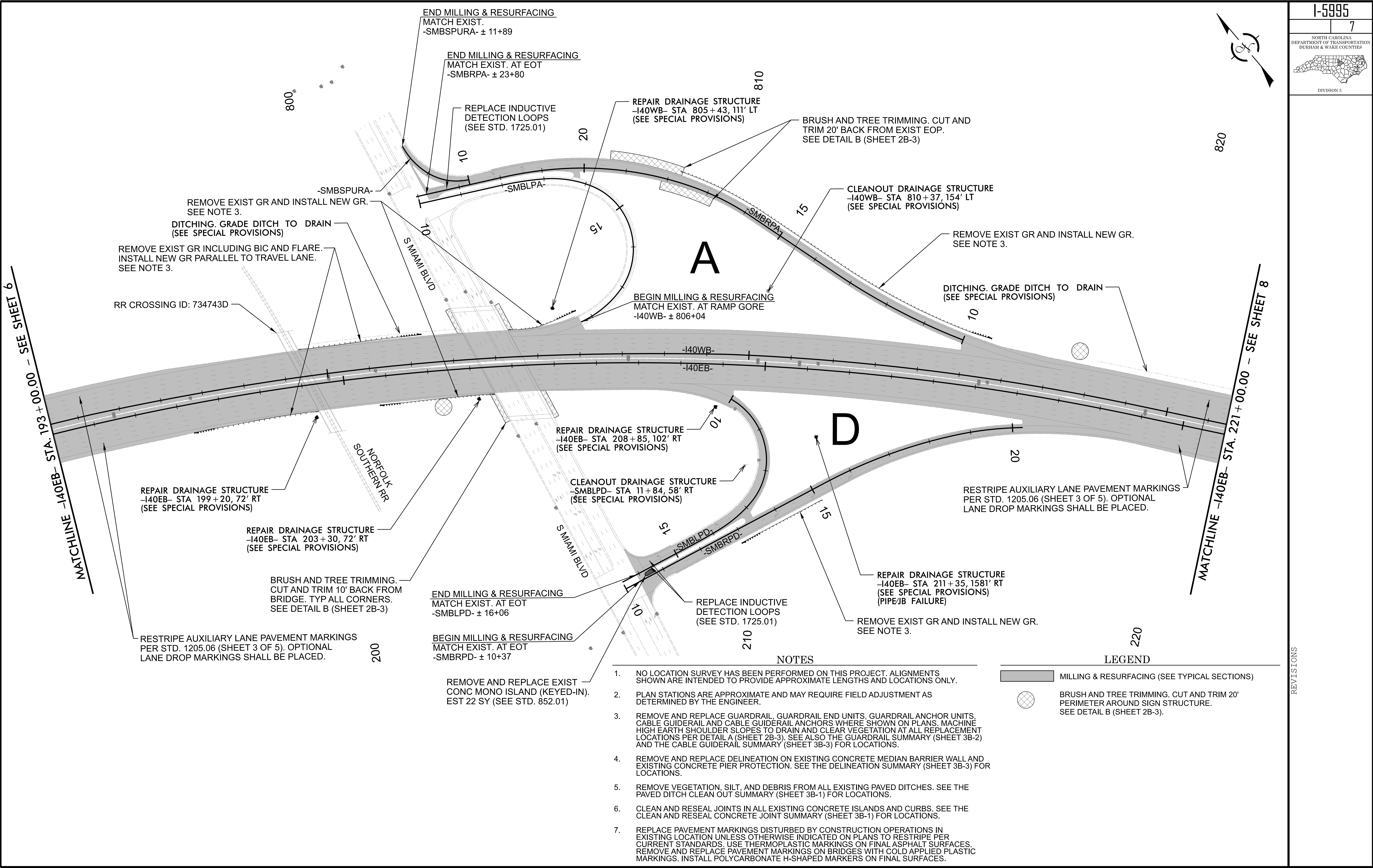


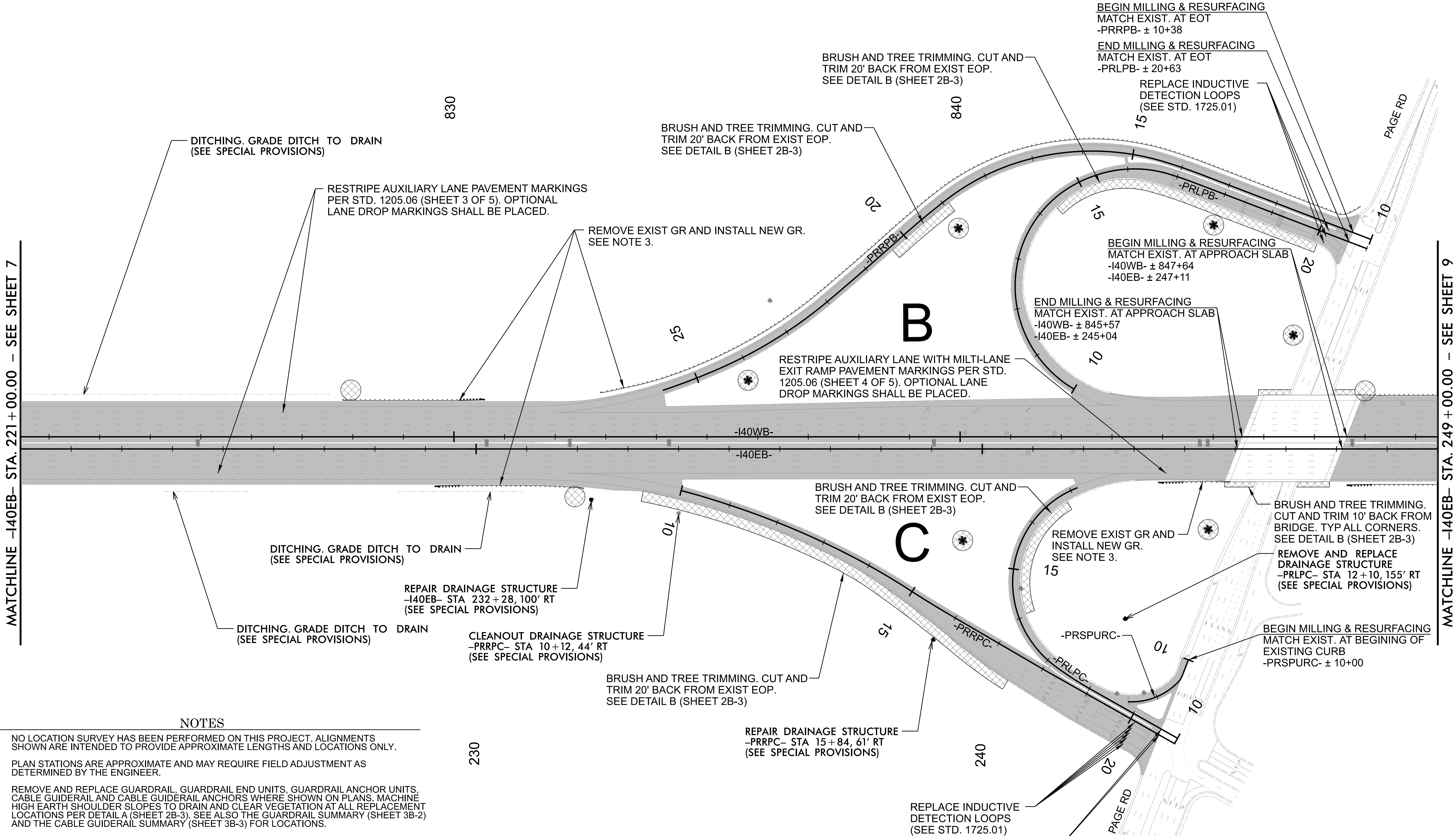
NOTES

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2. PLAN STATIONS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DETERMINED BY THE ENGINEER.
3. REMOVE AND REPLACE GUARDRAIL, GUARDRAIL END UNITS, GUARDRAIL ANCHOR UNITS, CABLE GUIDERAIL AND CABLE GUIDERAIL ANCHORS WHERE SHOWN ON PLANS. MACHINE HIGH EARTH SHOULDER SLOPES TO DRAIN AND CLEAR VEGETATION AT ALL REPLACEMENT LOCATIONS PER DETAIL A (SHEET 2B-3). SEE ALSO THE GUARDRAIL SUMMARY (SHEET 3B-2) AND THE CABLE GUIDERAIL SUMMARY (SHEET 3B-3) FOR LOCATIONS.
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5. REMOVE VEGETATION, SILT, AND DEBRIS FROM ALL EXISTING PAVED DITCHES. SEE THE PAVED DITCH CLEAN OUT SUMMARY (SHEET 3B-1) FOR LOCATIONS.
6. CLEAN AND RESEAL JOINTS IN ALL EXISTING CONCRETE ISLANDS AND CURBS. SEE THE CLEAN AND RESEAL CONCRETE JOINT SUMMARY (SHEET 3B-1) FOR LOCATIONS.
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LEGEND

- MILLING & RESURFACING (SEE TYPICAL SECTIONS)
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).



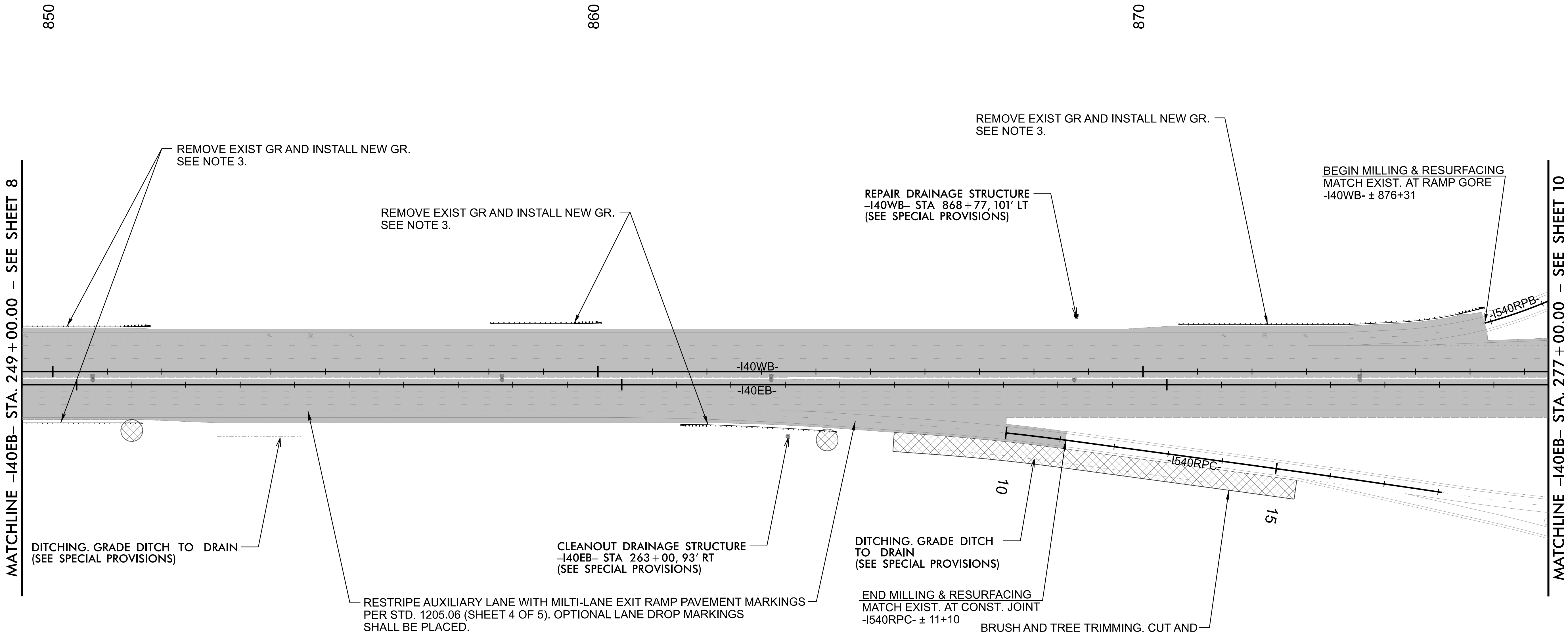
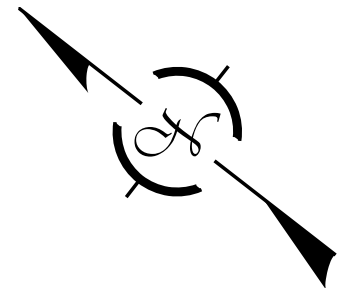


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- REMOVE VEGETATION, SILT, AND DEBRIS FROM ALL EXISTING PAVED DITCHES. SEE THE PAVED DITCH CLEAN OUT SUMMARY (SHEET 3B-1) FOR LOCATIONS.
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LEGEND

- MILLING & RESURFACING (SEE TYPICAL SECTIONS)
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND HIGH MAST LIGHT POLE. SEE DETAIL B (SHEET 2B-3).



- NOTES
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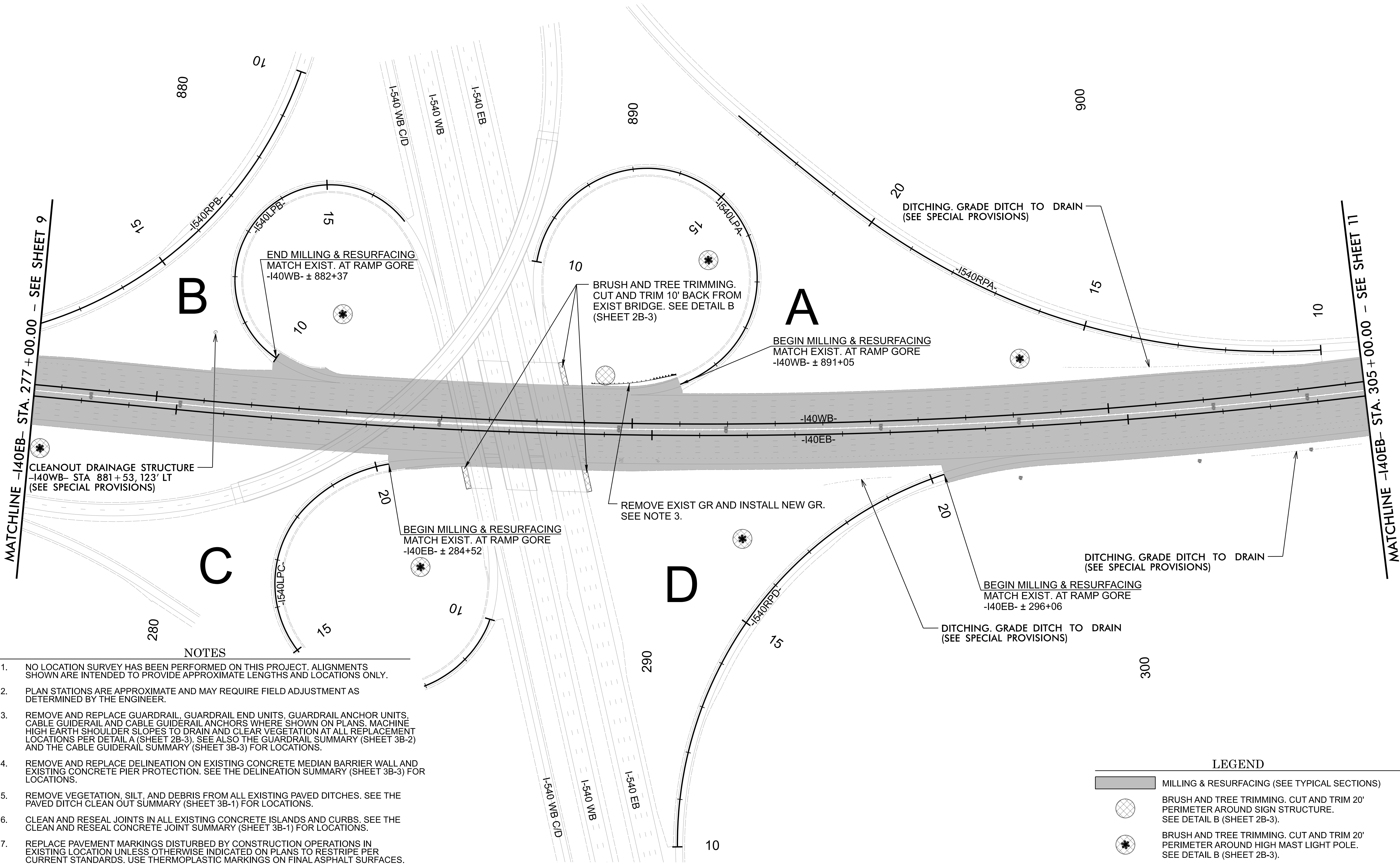
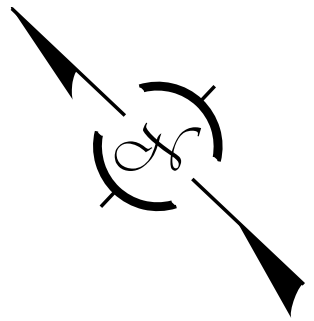
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- LEGEND
- 

MILLING & RESURFACING (SEE TYPICAL SECTIONS)
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BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).

REVISIONS



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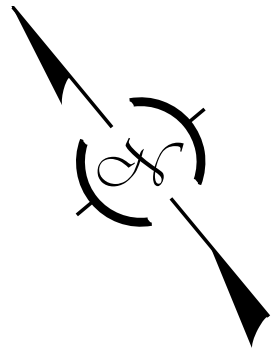
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- LEGEND
- MILLING & RESURFACING (SEE TYPICAL SECTIONS)
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND HIGH MAST LIGHT POLE. SEE DETAIL B (SHEET 2B-3).



1-5995

11

NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

DURHAM & WAKE COUNTIES

DIVISION 5

MATCHLINE -I40EB- STA. 305 + 00.00 - SEE SHEET 10

MATCHLINE -I40EB- STA. 333 + 00.00 - SEE SHEET 12

DITCHING. GRADE DITCH TO DRAIN
(SEE SPECIAL PROVISIONS)

END MILLING & RESURFACING (WB LANES).
MATCH EXIST. AT CONST. JOINT
-I40WB- ± 907+20

REMOVE EXIST GR AND INSTALL NEW GR.
SEE NOTE 3.

REMOVE EXIST GR AND INSTALL NEW GR.
SEE NOTE 3.

END MILLING & RESURFACING (EB LANES).
MATCH EXIST. AT CONST. JOINT
-I40EB- ± 329+82

NOTES

LEGEND

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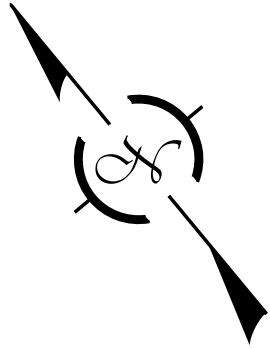
- MILLING & RESURFACING (SEE TYPICAL SECTIONS)
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).

310

320

330

REVISIONS



1-5995

12

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DURHAM & WAKE COUNTIES

DIVISION 5

MATCHLINE -I40EB- STA. 333 + 00.00 – SEE SHEET 11

MATCHLINE -I40EB- STA. 361 + 00.00 – SEE SHEET 13

940

950

960

340

350

360

AIRPORT BLVD

AIRPORT BLVD

B

A

C

D

-I40WB-
-I40EB-

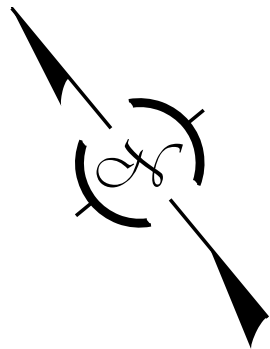
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LEGEND

- MILLING & RESURFACING (SEE TYPICAL SECTIONS)
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).

REVISIONS



1-5995

13

NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

DURHAM & WAKE COUNTIES

DIVISION 5

MATCHLINE -I40EB- STA. 361 + 00.00 – SEE SHEET 12

MATCHLINE -I40EB- STA. 389 + 00.00 – SEE SHEET 14

BEGIN MILLING & RESURFACING (WB LANES).
MATCH EXIST. AT CONST. JOINT
-I40WB- ± 968+91

REMOVE EXIST GR AND INSTALL NEW GR.
SEE NOTE 3.

REMOVE EXIST GR AND INSTALL NEW GR.
SEE NOTE 3.

-I40WB-
-I40EB-

970

980

370

380

NOTES

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LEGEND

- MILLING & RESURFACING (SEE TYPICAL SECTIONS)
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).

REVISIONS

MATCHLINE -I40EB- STA. 389 + 00.00 - SEE SHEET 13

MATCHLINE -I40EB- STA. 417 + 00.00 - SEE SHEET 15

CLEANOUT DRAINAGE STRUCTURE
-I40WB- STA 990 + 65, 91' LT
(SEE SPECIAL PROVISIONS)

END MILLING & RESURFACING
MATCH EXIST. AT RAMP GORE
-I40WB- ± 1000+74

END MILLING & RESURFACING
MATCH EXIST. AT RAMP GORE
-I40WB- ± 1009+90

DITCHING. GRADE DITCH TO DRAIN
(SEE SPECIAL PROVISIONS)

BEGIN MILLING & RESURFACING (EB LANES).
MATCH EXIST. AT CONST. JOINT
-I40EB- ± 399+50

DITCHING. GRADE DITCH TO DRAIN
(SEE SPECIAL PROVISIONS)

BRUSH AND TREE TRIMMING. CUT AND
TRIM 25' BACK FROM EXIST EOP.
SEE DETAIL B (SHEET 2B-3)

BEGIN MILLING & RESURFACING
MATCH EXIST. AT CONST. JOINT
-APLPC- ± 17+56

REPLACE INDUCTIVE
DETECTION LOOPS
(SEE STD. 1725.01)

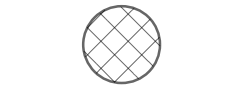
END MILLING & RESURFACING
MATCH EXIST. AT EOT
-APRPC- ± 25+37

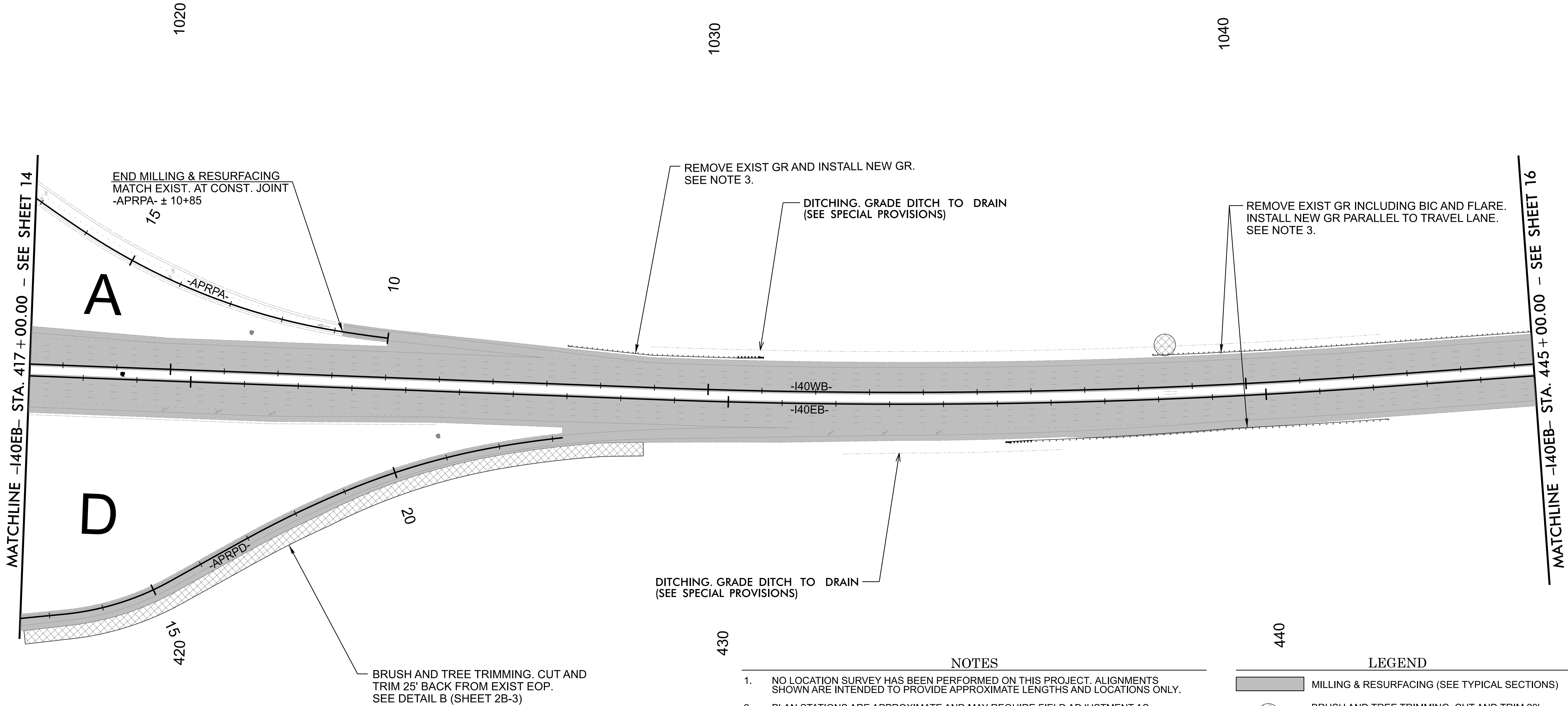
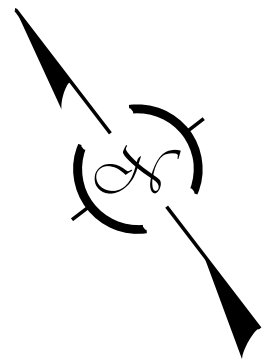
BEGIN MILLING & RESURFACING
MATCH EXIST.
-APRPD- ± 10+00

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-  MILLING & RESURFACING (SEE TYPICAL SECTIONS)
-  BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).



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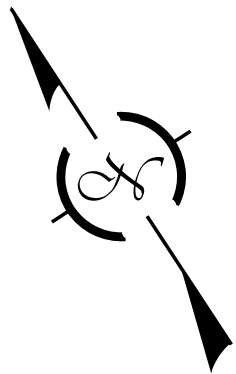
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- LEGEND
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- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).



1-5995

16

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DURHAM & WAKE COUNTIES

DIVISION 5

MATCHLINE -I40EB- STA. 445 + 00.00 – SEE SHEET 15

MATCHLINE -I40EB- STA. 473 + 00.00 – SEE SHEET 17

REMOVE EXIST GR INCLUDING BIC AND FLARE.
INSTALL NEW GR PARALLEL TO TRAVEL LANE.
SEE NOTE 3.

DITCHING. GRADE DITCH TO DRAIN
(SEE SPECIAL PROVISIONS)

REMOVE EXIST GR AND INSTALL NEW GR.
SEE NOTE 3.

REMOVE EXIST GR INCLUDING BIC AND FLARE.
INSTALL NEW GR PARALLEL TO TRAVEL LANE.
SEE NOTE 3.

REPAIR DRAINAGE STRUCTURE
-I40WB- STA 1053 + 53, 10' RT
(SEE SPECIAL PROVISIONS)

REMOVE EXIST GR INCLUDING BIC AND FLARE.
INSTALL NEW GR PARALLEL TO TRAVEL LANE.
SEE NOTE 3.

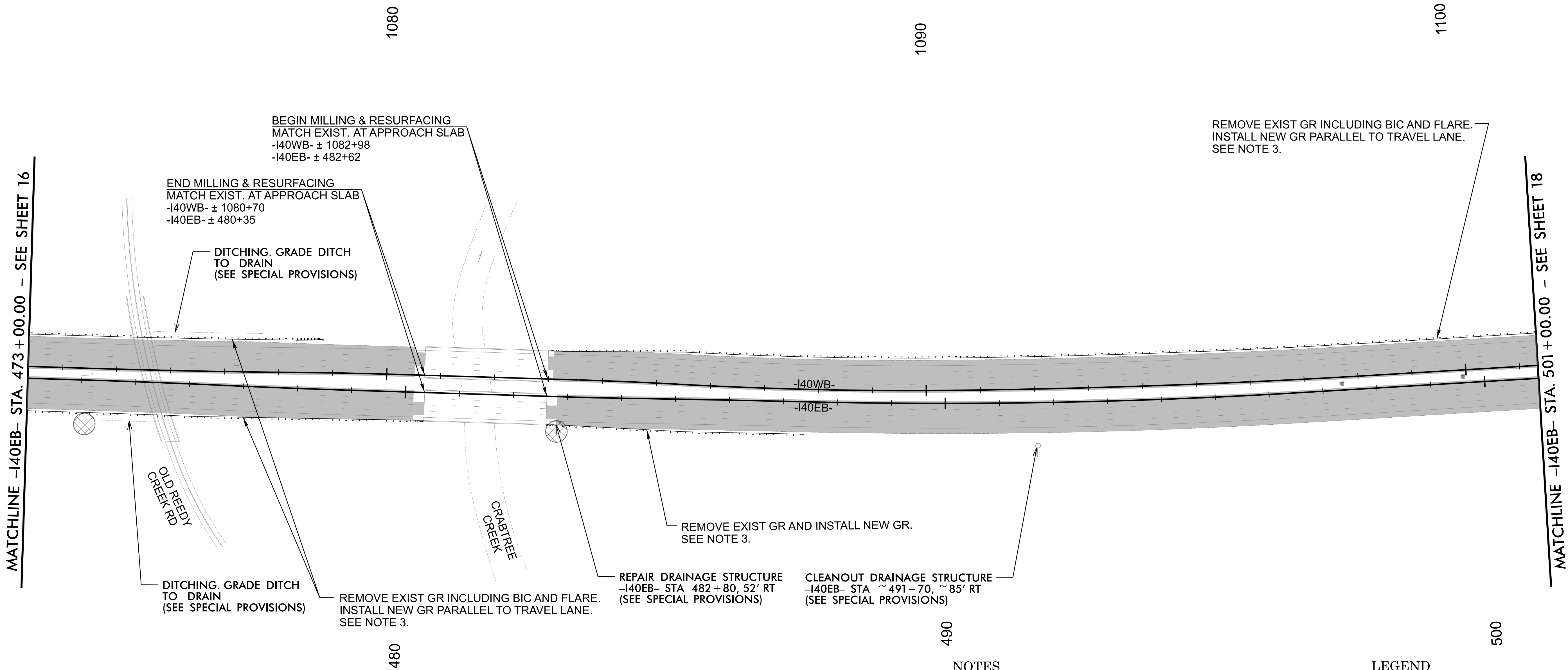
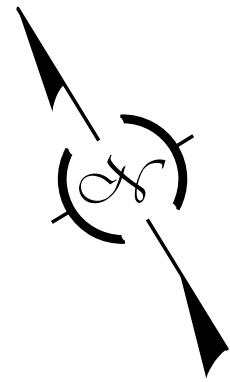
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LEGEND

- MILLING & RESURFACING (SEE TYPICAL SECTIONS)
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).

REVISIONS

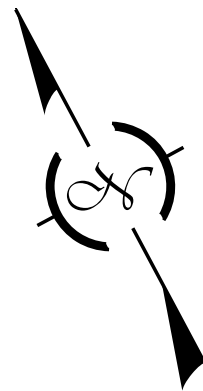


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LEGEND

-
- MILLING & RESURFACING (SEE TYPICAL SECTIONS)
-
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).

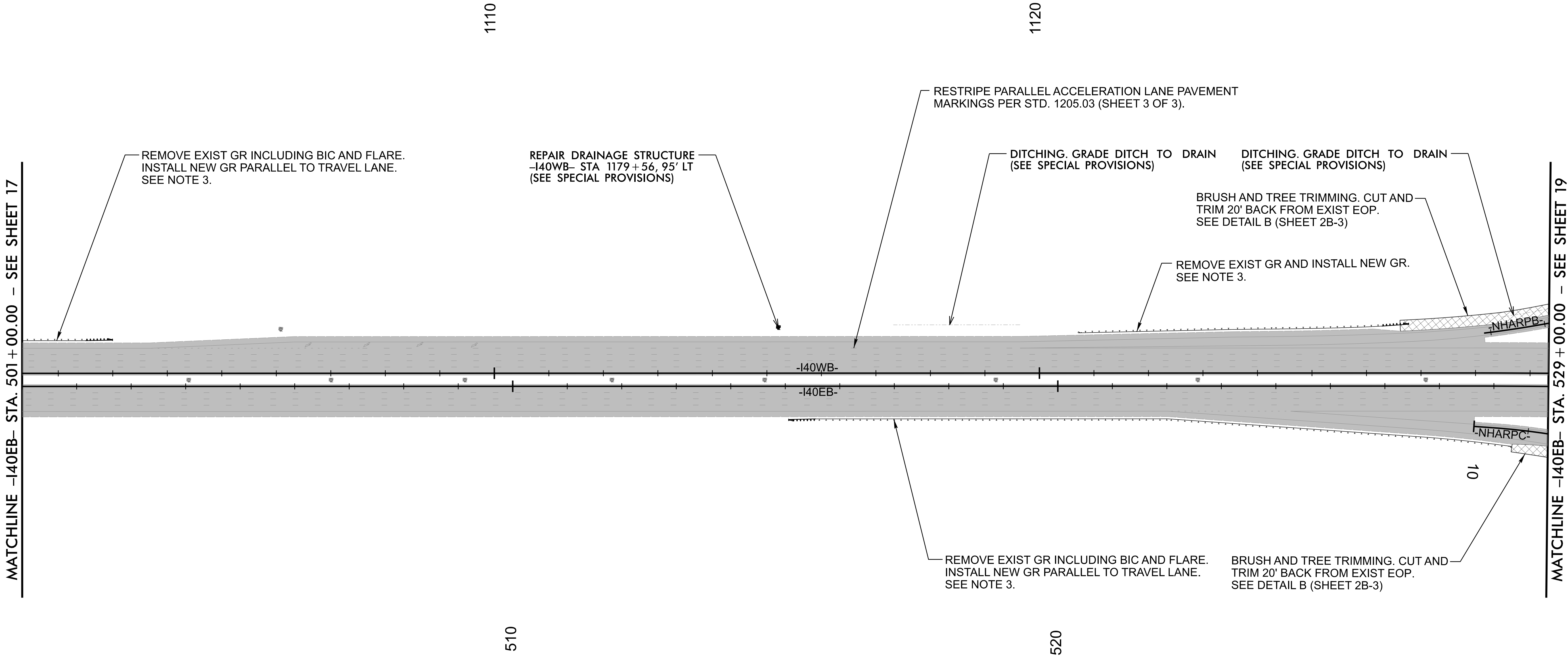


1-5995

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NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DURHAM & WAKE COUNTIES

DIVISION 5



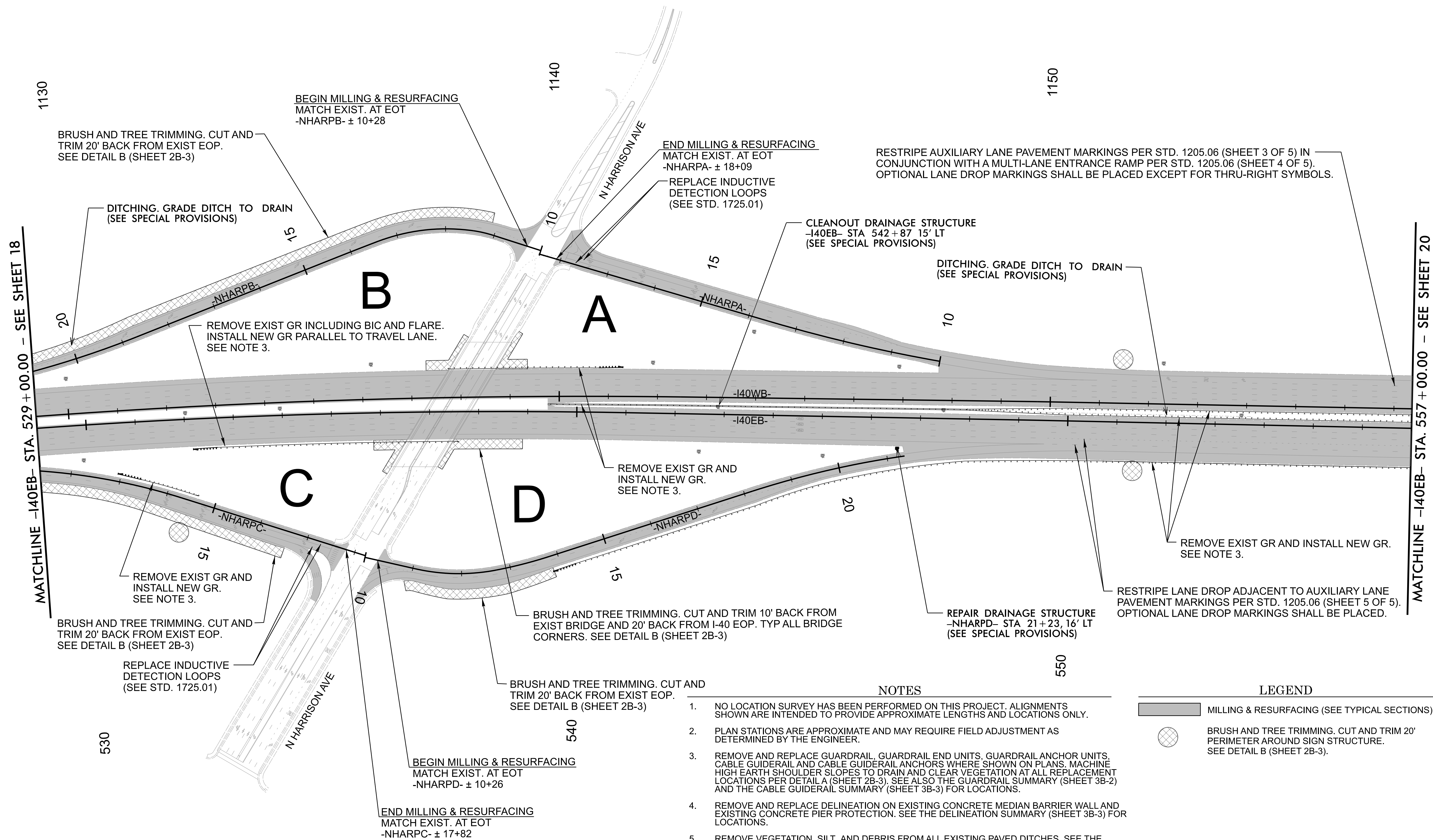
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LEGEND

- MILLING & RESURFACING (SEE TYPICAL SECTIONS)
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).

REVISIONS

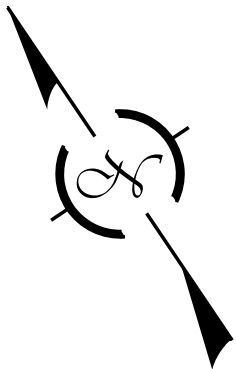


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LEGEND

- MILLING & RESURFACING (SEE TYPICAL SECTIONS)
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).



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NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

DURHAM & WAKE COUNTIES

DIVISION 5

MATCHLINE -I40EB- STA. 557 + 00.00 – SEE SHEET 19

MATCHLINE -I40EB- STA. 585 + 00.00 – SEE SHEET 21

RESTRIPE AUXILIARY LANE PAVEMENT MARKINGS PER STD. 1205.06 (SHEET 3 OF 5) IN CONJUNCTION WITH A MULTI-LANE ENTRANCE RAMP PER STD. 1205.06 (SHEET 4 OF 5). OPTIONAL LANE DROP MARKINGS SHALL BE PLACED EXCEPT FOR THRU-RIGHT SYMBOLS.

REMOVE EXIST GR AND INSTALL NEW GR.
SEE NOTE 3.

DITCHING, GRADE DITCH TO DRAIN
(SEE SPECIAL PROVISIONS)

REMOVE EXIST GR AND INSTALL NEW GR.
SEE NOTE 3.

RESTRIPE LANE DROP ADJACENT TO AUXILIARY LANE PAVEMENT MARKINGS PER STD. 1205.06 (SHEET 5 OF 5). OPTIONAL LANE DROP MARKINGS SHALL BE PLACED.

-I40WB-

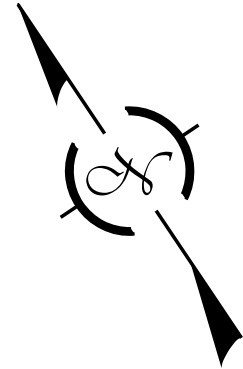
-I40EB-

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LEGEND

- MILLING & RESURFACING (SEE TYPICAL SECTIONS)
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).



MATCHLINE -I40EB- STA. 585 + 00.00 - SEE SHEET 20

DITCHING. GRADE DITCH TO DRAIN
(SEE SPECIAL PROVISIONS)

REMOVE EXIST GR AND INSTALL NEW GR.
SEE NOTE 3.

RESTRIPE AUXILIARY LANE PAVEMENT MARKINGS PER STD. 1205.06 (SHEET 3 OF 5) IN
CONJUNCTION WITH A MULTI-LANE ENTRANCE RAMP PER STD. 1205.06 (SHEET 4 OF 5).
OPTIONAL LANE DROP MARKINGS SHALL BE PLACED EXCEPT FOR THRU-RIGHT SYMBOLS.

-I40WB-

-I40EB-

RESTRIPE LANE DROP ADJACENT TO AUXILIARY LANE PAVEMENT MARKINGS
PER STD. 1205.06 (SHEET 5 OF 5). OPTIONAL LANE DROP MARKINGS
SHALL BE PLACED.

MATCHLINE -I40EB- STA. 613 + 00.00 - SEE SHEET 22

TRENTON RD

10

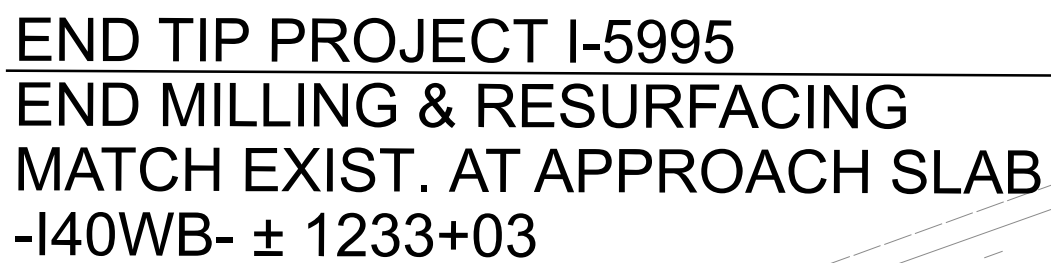
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LEGEND

- MILLING & RESURFACING (SEE TYPICAL SECTIONS)
- BRUSH AND TREE TRIMMING. CUT AND TRIM 20' PERIMETER AROUND SIGN STRUCTURE. SEE DETAIL B (SHEET 2B-3).

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 MILLING & RESURFACING (SEE TYPICAL SECTIONS

BRUSH AND TREE TRIMMING. CUT AND TRIM 20
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SEE DETAIL B (SHEET 2B-3).