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STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	15614.1050014	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
15614.1050014		PE	
15614.1050014		RW	
15614.1050014		CONST.	

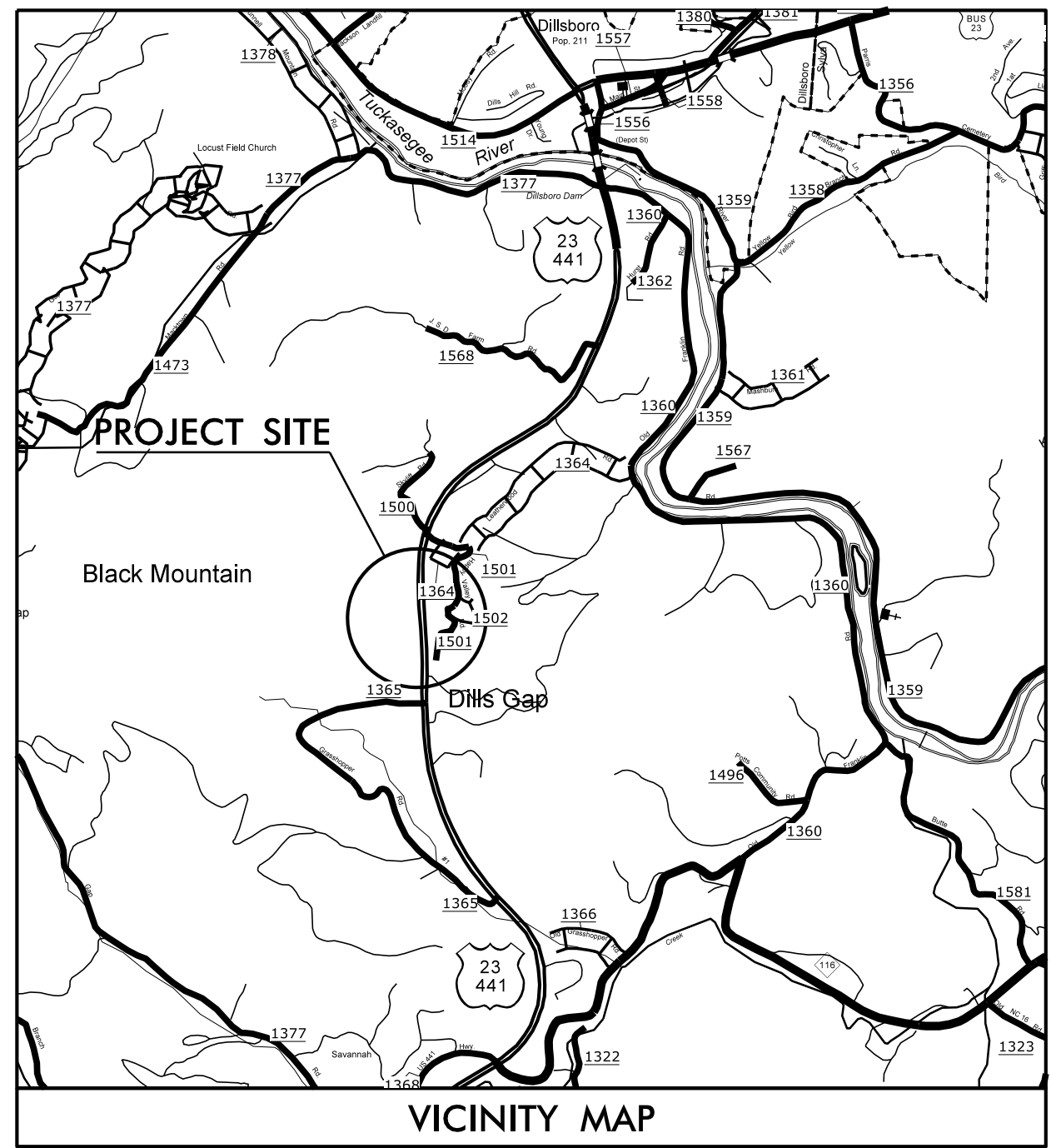
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

# JACKSON COUNTY

**LOCATION: US 441, NORTH OF CAGLE BRANCH ROAD (SR 1365), AND SOUTH OF INTERSECTION OF SKYLIFT ROAD (SR 1500) AND LEATHERWOOD ROAD (SR 1364)**

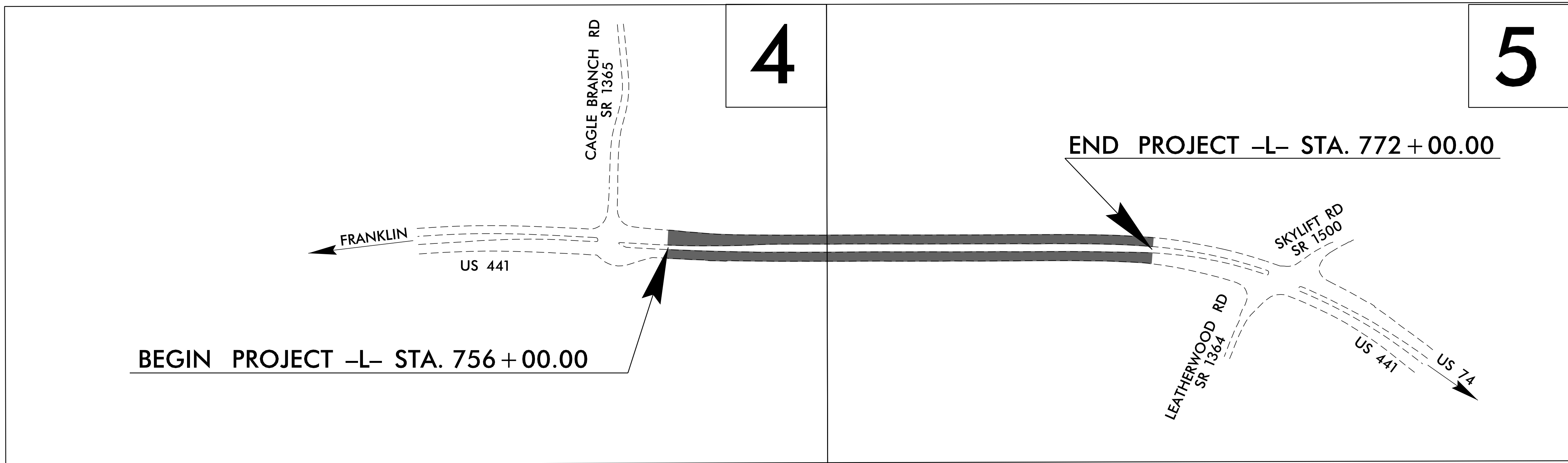
**TYPE OF WORK: DRAINAGE, MILLING, PAVING**

See Sheet 1A For Index of Sheets  
See Sheet 1B For Conventional Symbols



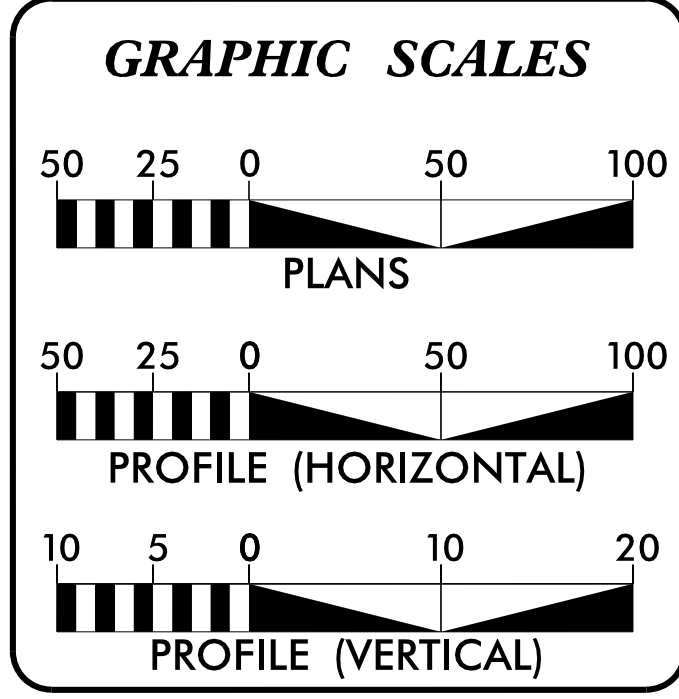
**TIP PROJECT: 15614.1050014**

**CONTRACT: DN00737**



CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.

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UNLESS ALL SIGNATURES COMPLETED



**DESIGN DATA**  
AADT 2019 = 20,000  
FUNC CLASS =  
PRINCIPAL ARTERIAL  
STATEWIDE TIER

**PROJECT LENGTH**  
TOTAL LENGTH OF PROJECT = 0.303 MI

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
1000 Birch Ridge Dr., Raleigh NC, 27610

2018 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
APRIL 1, 2021

**LETTING DATE:**  
AUGUST 10, 2021

**JEANETTE WHITE, PE**  
PROJECT MANAGER

**DAVID J. CLODGO, PE**  
PROJECT ENGINEER

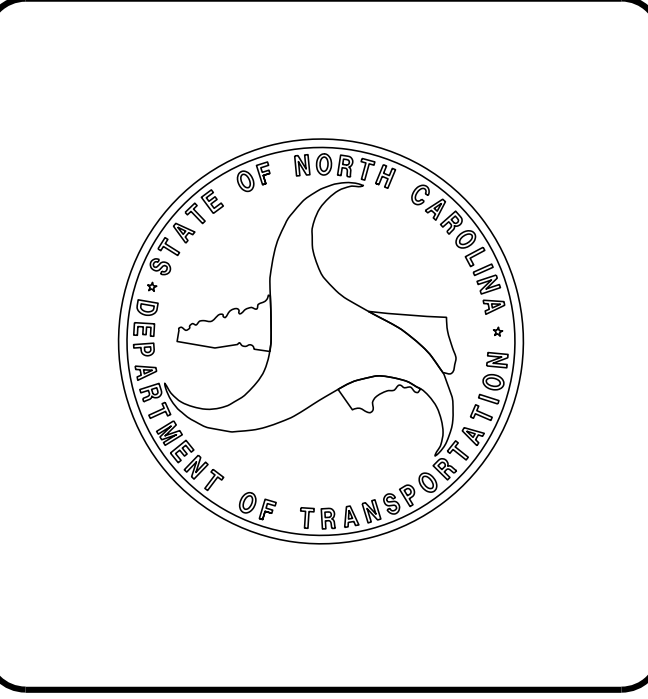
**PIOTR J. STOJDA**  
PROJECT TEAM LEAD

**HYDRAULICS ENGINEER**  
6/11/2021

DocuSigned by:  
*Jonathan Lyle Moore*  
SIGNATURE:

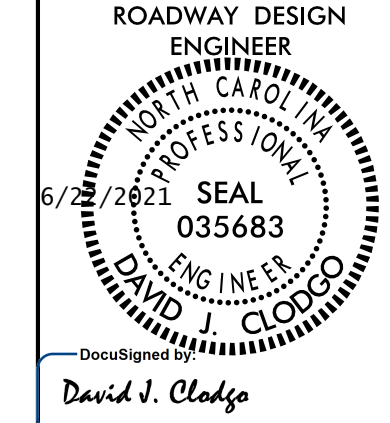
**ROADWAY DESIGN ENGINEER**  
6/10/2021

DocuSigned by:  
*David J. Clodgo*  
SIGNATURE:



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**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

# INDEX OF SHEETS

SHEET NUMBER	SHEET
1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
2A-1	TYPICAL SECTIONS AND PAVEMENT SCHEDULE
2G-1	STANDARD HORIZONTAL DRAIN
2G-2	HORIZONTAL DRAIN LAYOUT
3D-1	SUMMARY OF DRAINAGE QUANTITIES
3G-1	SUMMARY OF SUBSURFACE DRAINAGE, SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION, SUMMARY OF HORIZONTAL DRAINS, AND SUMMARY OF EMBANKMENT WAITING PERIODS
4 THROUGH 5	PLAN SHEETS

# GENERAL NOTES

**GENERAL NOTES:** 2018 SPECIFICATIONS  
EFFECTIVE: 01-16-2018  
REVISED:

**SURFACING:**  
THE ROUGH GRADING AND STRUCTURES ON THIS PROJECT HAVE BEEN DONE OR ARE NOW BEING DONE UNDER A PREVIOUS CONTRACT. THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING AND ENDING AND AT STRUCTURES AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

**CLEARING:**  
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.

**SIDE ROADS:**  
THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PARTICULAR ITEMS INVOLVED.

**SUBSURFACE DRAINS:**  
SUBSURFACE DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.02 AT LOCATIONS DIRECTED BY THE ENGINEER.

**GUARDRAIL:**  
THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

**TEMPORARY SHORING:**  
SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.

**SUBSURFACE PLANS:**  
NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.

# STANDARD DRAWINGS

EFF. 01-16-2018  
REV.

2018 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated January, 2018 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO.	TITLE
DIVISION 2 - EARTHWORK	
200.03	Method of Clearing - Method II
DIVISION 3 - PIPE CULVERTS	
300.01	Method of Pipe Installation
310.10	Driveway Pipe Construction
DIVISION 6 - ASPHALT BASES AND PAVEMENTS	
654.01	Pavement Repairs
DIVISION 8 - INCIDENTALS	
815.02	Subsurface Drain
840.00	Concrete Base Pad for Drainage structure
840.17	Concrete Grated Drop Inlet Type 'A' - 12' thru 72" Pipe
840.18	Concrete Grated Drop Inlet Type 'B' - 12' thru 36" Pipe
840.22	Frames and Wide Slot Sag Grates
840.26	Brick Grated Drop Inlet Type 'A' - 12' thru 72" Pipe
840.27	Brick Grated Drop Inlet Type 'B' - 12' thru 36" Pipe
840.35	Traffic Bearing Grated Drop Inlet- for Cast Iron Double Frame and Grates
840.45	Precast Drainage Structure
840.46	Traffic Bearing Precast Drainage Structure
840.66	Drainage Structure Steps
850.01	Concrete paved Ditches
850.11	Guide for Berm Drainage Outlet - 24' and 30' Pipe
862.01	Guardrail Placement
862.02	Guardrail Installation
876.02	Guide for Rip Rap at Pipe Outlets
DIVISION 11 - WORK ZONE TRAFFIC CONTROL	
1101.01	Advance Warning Signs
1101.02	Temporary Lane Closures
1101.04	Temporary Shoulder Closures
1101.11	Traffic Control Design Tables
1110.02	Portable Work Zone Signs
1115.01	Flashing Arrow Boards
1130.01	Drum
1135.01	Cones
1165.01	Truck Mounted Attenuator
1180.01	Skinny Drum
DIVISION 12 - PAVEMENT MARKINGS, MARKERS AND DELINEATION	
1205.01	Pavement Markings - Line Types and Offsets
1205.02	Pavement Markings - Divided and Undivided Roadways
1205.04	Pavement Markings - Intersections
1205.05	Pavement Markings - Turn Lanes
1205.08	Pavement Markings - Symbols and Word Messages
1205.13	Pavement Markings - Intersections
1250.01	Pavement Marking Spacing
1251.01	Raised Pavement Markers - Permanent and Temporary
1253.01	Snowplowable raised Pavement Markers
DIVISION 16 - EROSION CONTROL AND ROADSIDE DEVELOPMENT	
1605.01	Temporary Silt Fence
1606.01	Special Sediment Control Fence
1607.01	Gravel Construction Entrance
1622.01	Guide for Temporary Slope Drains
1630.02	Silt Basin Type B
1630.03	Temporary Silt Ditch
1630.04	Stilling Basin For Pumped Effluent
1630.05	Temporary Diversion
1630.05	Temporary Stilling Basin
1631.01	Matting Installation
1632.01	Rock Inlet Sediment Trap Type A
1632.02	Rock Inlet Sediment Trap Type B
1632.03	Rock Inlet Sediment Trap Type C
1633.01	Temporary Rock Silt Check Type A
1633.02	Temporary Rock Silt Check Type B
1635.01	Rock Pipe Sediment Trap Type A
1635.02	Rock Pipe Sediment Trap Type B
1634.01	Temporary Rock Sediment Dam Type A
1634.02	Temporary Rock Sediment Dam Type B

# STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS CONVENTIONAL PLAN SHEET SYMBOLS

## BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○ EIP
Computed Property Corner	----->
Property Monument	□ EDM
Parcel/Sequence Number	⑫③
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	----- WLB
Proposed Wetland Boundary	----- WLB
Existing Endangered Animal Boundary	----- EAB
Existing Endangered Plant Boundary	----- EPB
Existing Historic Property Boundary	----- HPB
Known Contamination Area: Soil	☠ S ☠
Potential Contamination Area: Soil	?? S ??
Known Contamination Area: Water	☠ W ☠
Potential Contamination Area: Water	?? W ??
Contaminated Site: Known or Potential	☠ ?

## BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○ S
Well	○ W
Small Mine	✕
Foundation	□
Area Outline	□
Cemetery	□
Building	□
School	□
Church	□
Dam	□

## HYDROLOGY:

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

## RAILROADS:

Standard Gauge	-----
RR Signal Milepost	○ MILEPOST 35
Switch	□ SWITCH
RR Abandoned	-----
RR Dismantled	-----

## RIGHT OF WAY & PROJECT CONTROL:

Secondary Horiz and Vert Control Point	◆
Primary Horiz Control Point	○
Primary Horiz and Vert Control Point	◆
Exist Permanent Easement Pin and Cap	◇
New Permanent Easement Pin and Cap	◆
Vertical Benchmark	⊠
Existing Right of Way Marker	△
Existing Right of Way Line	-----
New Right of Way Line	-----
New Right of Way Line with Pin and Cap	-----
New Right of Way Line with Concrete or Granite RW Marker	-----
New Control of Access Line with Concrete C/A Marker	-----
Existing Control of Access	-----
New Control of Access	-----
Existing Easement Line	----- E
New Temporary Construction Easement	----- E
New Temporary Drainage Easement	----- TDE
New Permanent Drainage Easement	----- PDE
New Permanent Drainage / Utility Easement	----- DUE
New Permanent Utility Easement	----- PUE
New Temporary Utility Easement	----- TUE
New Aerial Utility Easement	----- AUE

## ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	----- C
Proposed Slope Stakes Fill	----- F
Proposed Curb Ramp	----- CR
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	⊕
Pavement Removal	-----

## VEGETATION:

Single Tree	☼
Single Shrub	☼

Note: Not to Scale

\*S.U.E. = Subsurface Utility Engineering

Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	-----

## EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	----- CONC
Bridge Wing Wall, Head Wall and End Wall	----- CONC WW
MINOR:	
Head and End Wall	----- CONC HW
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	□ CB
Paved Ditch Gutter	-----
Storm Sewer Manhole	⊙
Storm Sewer	----- S

## UTILITIES:

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 LOS B (S.U.E.*)	----- P
U/G Power Line LOS C (S.U.E.*)	----- P
U/G Power Line LOS D (S.U.E.*)	----- P

## TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	⊙
Telephone Pedestal	□
Telephone Cell Tower	⊠
U/G Telephone Cable Hand Hole	-----
U/G Telephone Cable LOS B (S.U.E.*)	----- T
U/G Telephone Cable LOS C (S.U.E.*)	----- T
U/G Telephone Cable LOS D (S.U.E.*)	----- T
U/G Telephone Conduit LOS B (S.U.E.*)	----- TC
U/G Telephone Conduit LOS C (S.U.E.*)	----- TC
U/G Telephone Conduit LOS D (S.U.E.*)	----- TC
U/G Fiber Optics Cable LOS B (S.U.E.*)	----- T FO
U/G Fiber Optics Cable LOS C (S.U.E.*)	----- T FO
U/G Fiber Optics Cable LOS D (S.U.E.*)	----- T FO

## WATER:

Water Manhole	⊙
Water Meter	○
Water Valve	⊗
Water Hydrant	⊕
U/G Water Line LOS B (S.U.E.*)	----- W
U/G Water Line LOS C (S.U.E.*)	----- W
U/G Water Line LOS D (S.U.E.*)	----- W
Above Ground Water Line	----- A/G Water

## TV:

TV Pedestal	□
TV Tower	⊗
U/G TV Cable Hand Hole	-----
U/G TV Cable LOS B (S.U.E.*)	----- TV
U/G TV Cable LOS C (S.U.E.*)	----- TV
U/G TV Cable LOS D (S.U.E.*)	----- TV
U/G Fiber Optic Cable LOS B (S.U.E.*)	----- TV FO
U/G Fiber Optic Cable LOS C (S.U.E.*)	----- TV FO
U/G Fiber Optic Cable LOS D (S.U.E.*)	----- TV FO

## GAS:

Gas Valve	◇
Gas Meter	⊕
U/G Gas Line LOS B (S.U.E.*)	----- G
U/G Gas Line LOS C (S.U.E.*)	----- G
U/G Gas Line LOS D (S.U.E.*)	----- G
Above Ground Gas Line	----- A/G Gas

## SANITARY SEWER:

Sanitary Sewer Manhole	⊙
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	----- SS
Above Ground Sanitary Sewer	----- A/G Sanitary Sewer
SS Forced Main Line LOS B (S.U.E.*)	----- FSS
SS Forced Main Line LOS C (S.U.E.*)	----- FSS
SS Forced Main Line LOS D (S.U.E.*)	----- FSS

## MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	⊠
Utility Unknown U/G Line LOS B (S.U.E.*)	----- ?U/L
U/G Tank; Water, Gas, Oil	-----
Underground Storage Tank, Approx. Loc.	⊠ UST
A/G Tank; Water, Gas, Oil	-----
Geoenvironmental Boring	⊕
U/G Test Hole LOS A (S.U.E.*)	⊕
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.

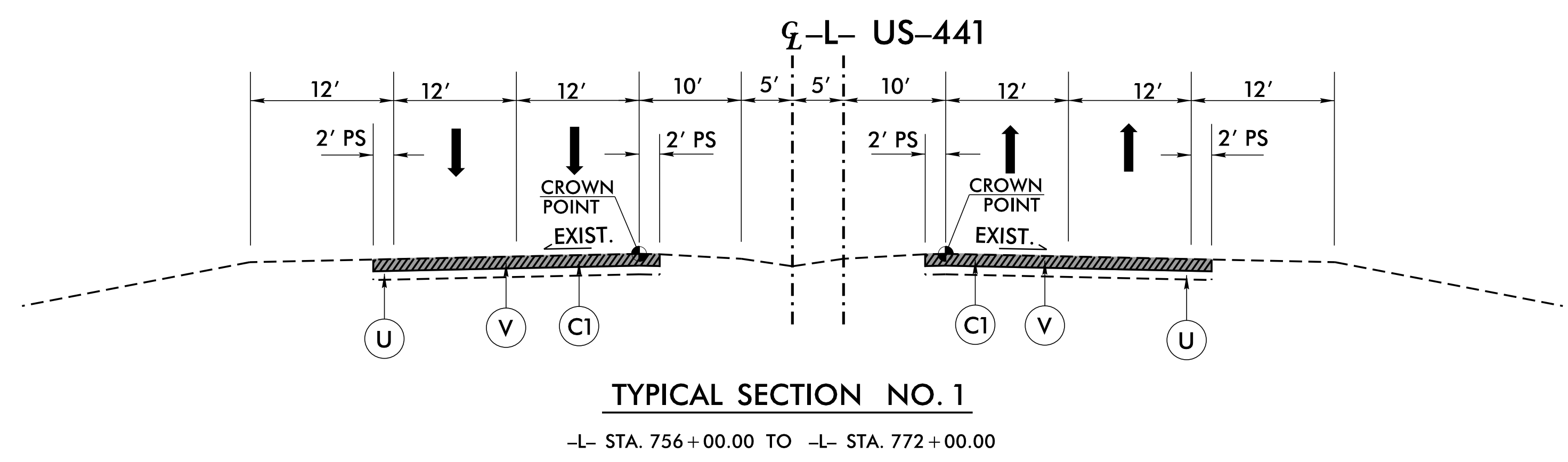
6/2/99

### PAVEMENT SCHEDULE (FINAL PAVEMENT DESIGN)

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YARD.
U	EXISTING PAVEMENT
V	MILL 1½" OF EXISTING ASPHALT PAVEMENT


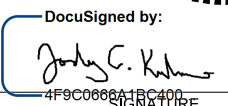
NOTES: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS OTHERWISE SHOWN.  
PATCHING TO BE DETERMINED BY THE ENGINEER.

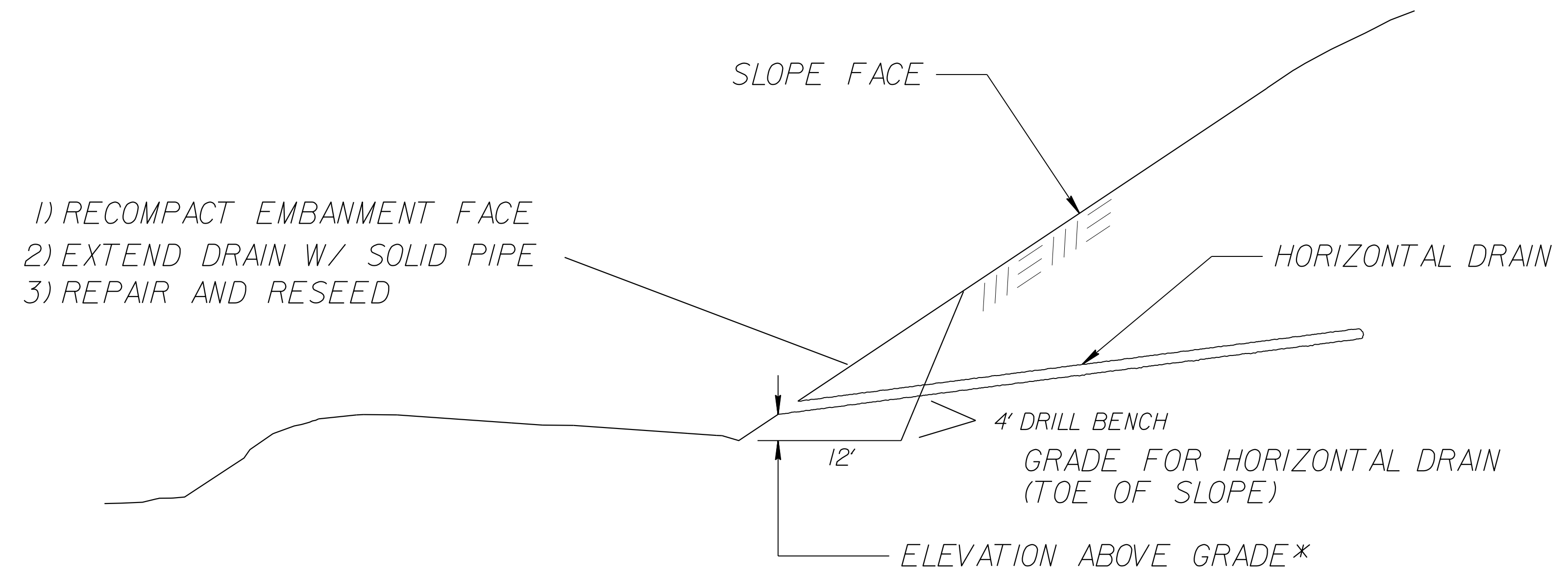
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ROADWAY DESIGN ENGINEER DAVID J. CLADG NORTH CAROLINA PROFESSIONAL SEAL 035683 6/18/2021	PAVEMENT DESIGN ENGINEER ZACHARY T. SLEDER NORTH CAROLINA PROFESSIONAL SEAL 050909 6/18/2021
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



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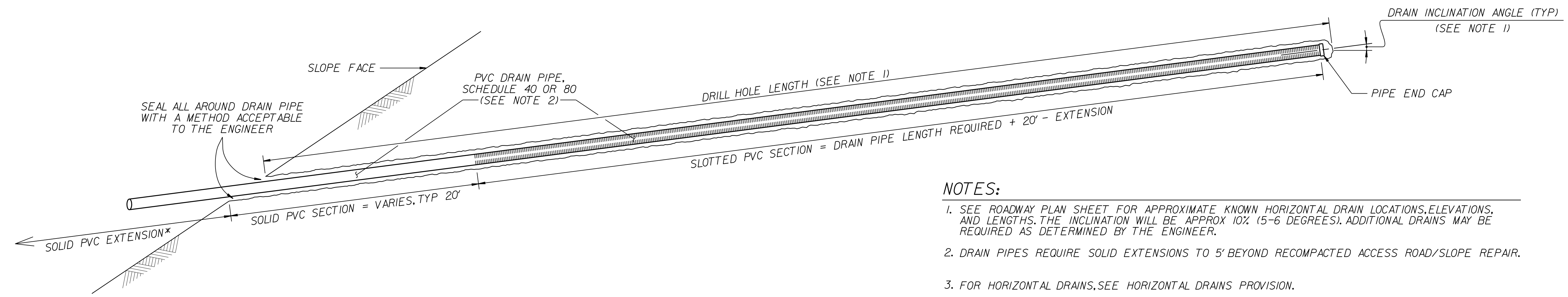
<b>PROJECT REFERENCE NO.</b> 15614.1050014	<b>SHEET NO.</b> 2G-1
GEOTECHNICAL ENGINEER  SEAL 027361 JODY C. KUJAWA ENGINEER	
Designed by:  DATE: 5/3/2021	SIGNATURE: _____ DATE: _____
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



**EXAMPLE CROSS-SECTION WITH SLOPE HORIZONTAL DRAIN**

\*SEE NOTE 1 FOR DRAIN ELEVATIONS ABOVE (OR BELOW) GRADE

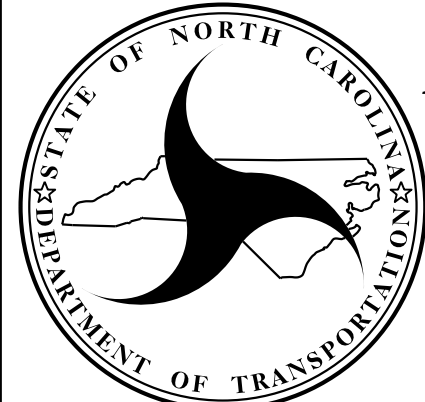
<b>PROJECT QUANTITIES</b>		
<u>LOCATION</u>	<u>NUMBER</u>	<u>LINEAR FEET</u>
STA 758+40-769+50+00 RT BOTTOM ROW	44	8220
STA 761+40-767+20 RT UPPER ROW	24	3120
<b>TOTAL</b>	<b>68</b>	<b>11,340</b>



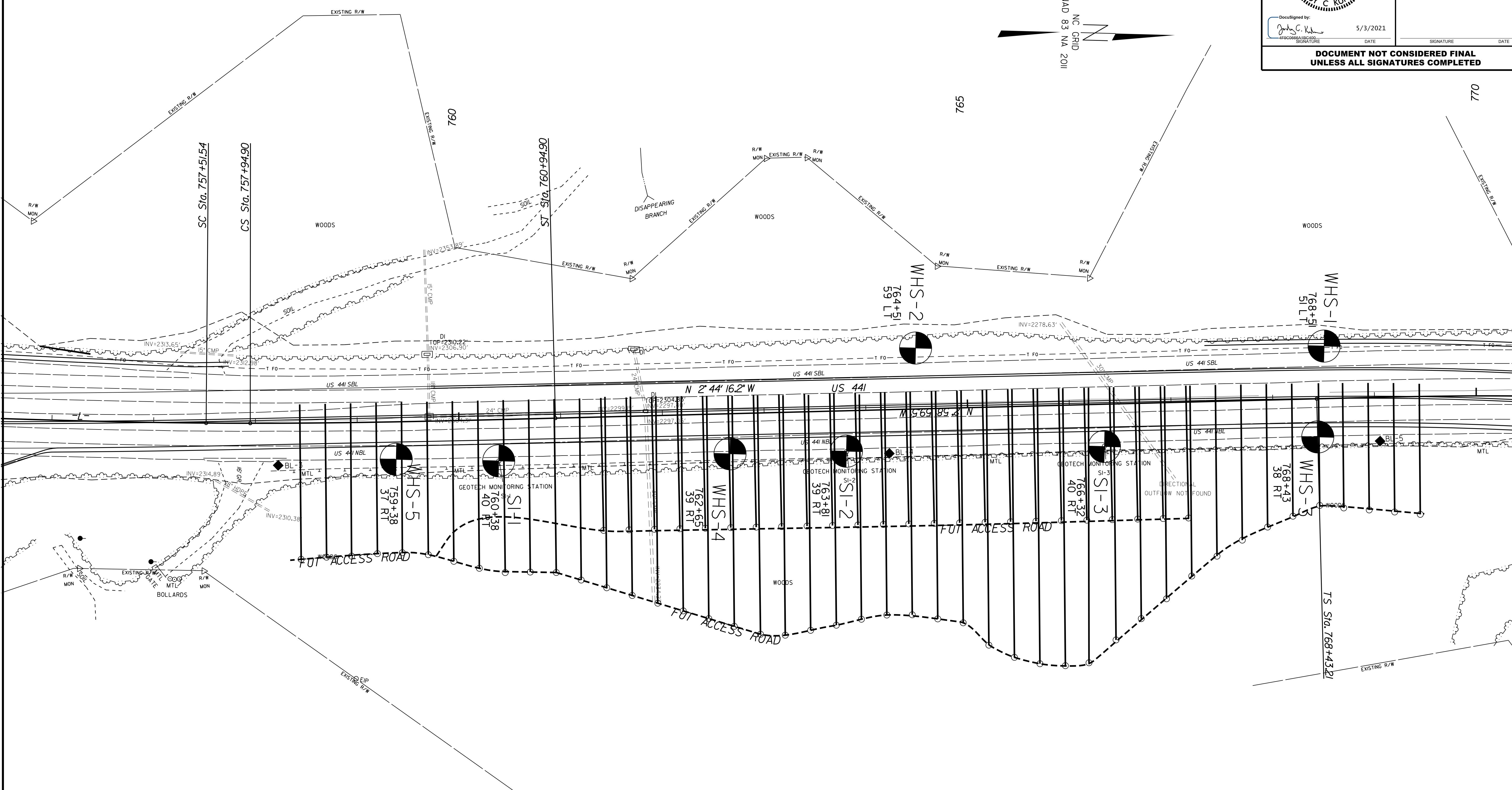
**SLOPE HORIZONTAL DRAIN**

\*EXTEND SOLID PVC SECTION TO CONNECT PIPE TO A DRAINAGE SYSTEM OR DISCHARGE WATER AS DIRECTED

- NOTES:**
- SEE ROADWAY PLAN SHEET FOR APPROXIMATE KNOWN HORIZONTAL DRAIN LOCATIONS, ELEVATIONS, AND LENGTHS. THE INCLINATION WILL BE APPROX 10% (5-6 DEGREES). ADDITIONAL DRAINS MAY BE REQUIRED AS DETERMINED BY THE ENGINEER.
  - DRAIN PIPES REQUIRE SOLID EXTENSIONS TO 5' BEYOND RECOMPACTED ACCESS ROAD/SLOPE REPAIR.
  - FOR HORIZONTAL DRAINS, SEE HORIZONTAL DRAINS PROVISION.
  - CONSTRUCTION SEQUENCE: INSTALL TOE DRAINS, THEN MID-SLOPE DRAINS, FOLLOWED BY SURFACE DRAINAGE AND REPAIRS AT-GRADE

 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS  <b>GEOTECHNICAL ENGINEERING UNIT</b>	STANDARD DETAIL NO. 817.01
	<b>STANDARD HORIZONTAL DRAIN</b>  DATE: 12-30-20

GEOTECHNICAL ENGINEER  
 NORTH CAROLINA PROFESSIONAL SEAL 027361  
 JODY C. KUPPKE  
 5/3/2021  
 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PREPARED BY: JCK DATE: 5/21  
 REVIEWED BY: DATE:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS  
 GEOTECHNICAL ENGINEERING UNIT

HORIZONTAL DRAIN DETAIL  
 GENERALIZED LAYOUT  
 MAY BE FIELD ADJUSTED

REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		

RD-32440

COMPUTED BY: HPM DATE: 03/23/2021
CHECKED BY: JHA DATE: 6/7/2021

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO. SHEET NO.
15614.1050014 3D-1

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout. See "Standard Specifications For Roads and Structures, Section 300-5".

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)

Main data table with columns for Line & Station, Offset, Structure Number, Pipe Material (RCP, CSP, CAAP, HDPE, or PVC), C.S. PIPE, R.C. PIPE CLASS III, R.C. PIPE CLASS IV, Quantities for Drainage Structures, Frame, Grates, and Hood, and Remarks. Includes summary rows for SHEET TOTALS and PROJECT TOTALS.

ABBREVIATIONS table listing codes like C.A.A., C.B., C.S., D.I., G.D.I., H.D.P.E., J.B., M.H., N.S., P.V.C., R.C., T.B.D.I., T.B.J.B., W.S. and their corresponding material descriptions.

REMARKS

SHEET TOTALS and PROJECT TOTALS summary rows showing counts for various pipe materials and structures.



COMPUTED BY: JCK Jan-21  
 CHECKED BY: JHA May-12

(12-17-19)

PROJECT NO. SHEET NO.  
 15614.1050014 US 441 3G-1

**STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS**

**SUMMARY OF SUBSURFACE DRAINAGE**

LINE	Station	Station	Location LT/RT/CL	Drain Type* UD/BD/SD	LF
L				SD	200
CONTINGENCY					
<b>TOTAL LF:</b>					200

\*UD = Underdrain  
 \*BD = Blind Drain  
 \*SD = Subsurface Drain

**SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION**

LINE	Station	Station	Aggregate Type* ASU(1/2)/ AST	Aggregate Thickness INCHES [8" for ASU(2)]	Shallow Undercut CY	Class IV Subgrade Stabilization TONS	Geotextile for Soil Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS
CONTINGENCY									
			1	12	100	200	300		
<b>TOTAL CY/TONS/SY:</b>						100	200**	300**	0

\*ASU(1/2) = Aggregate Subgrade (Type 1 or 2)  
 \*AST = Aggregate Stabilization  
 \*\*Total tons of "Class IV Subgrade Stabilization" and total square yards of "Geotextile for Soil Stabilization" are only the estimated quantities for ASU(1/2)/AST and may only represent a portion of the subgrade stabilization and geotextile quantities shown in the Item Sheets of the Proposal.

**SUMMARY OF HORIZONTAL DRAINS**

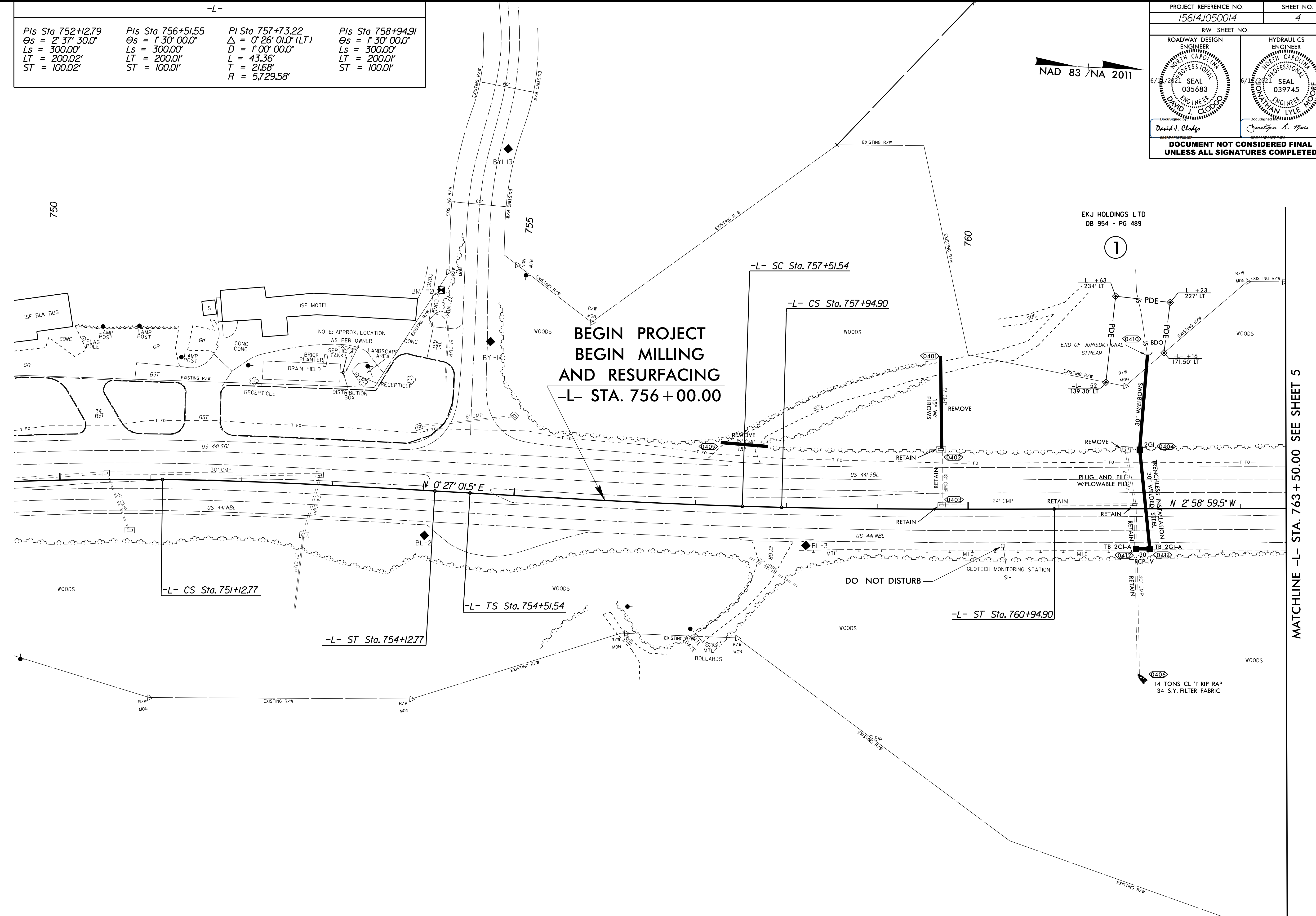
LINE	Approximate Station	Location LT/RT	Elevation Above or Below Grade (+/-) FT	Inclination Angle DEGREES	PVC Pipe Schedule 40/80 or NO PIPE	Horizontal Drain FT	Horizontal Drain W/O Pipe FT
L	758+30	RT	2220	6	80	8220	
L	761+30	RT	2260	6	80	3120	
CONTINGENCY							
<b>TOTAL FT:</b>						11340	0

**SUMMARY OF EMBANKMENT  
 WAITING PERIODS**

LINE	Station	Station	MONTHS
L	758+00	769+50	1

Pls Sta 752+12.79 $\Theta_s = 2' 37' 30.0''$ $L_s = 300.00'$ $LT = 200.02'$ $ST = 100.02'$	Pls Sta 756+51.55 $\Theta_s = 1' 30' 00.0''$ $L_s = 300.00'$ $LT = 200.01'$ $ST = 100.01'$	Pl Sta 757+73.22 $\Delta = 0' 26' 01.0''$ (LT) $D = 1' 00' 00.0''$ $L = 43.36'$ $T = 21.68'$ $R = 5,729.58'$	Pls Sta 758+94.91 $\Theta_s = 1' 30' 00.0''$ $L_s = 300.00'$ $LT = 200.01'$ $ST = 100.01'$
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NAD 83 / NA 2011



**BEGIN PROJECT  
BEGIN MILLING  
AND RESURFACING  
-L- STA. 756 + 00.00**

EKJ HOLDINGS LTD  
DB 954 - PG 489

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REVISIONS

MATCHLINE -L- STA. 763 + 50.00 SEE SHEET 5

ACCESS ROAD TO BE CONSTRUCTED BY CONTRACTOR PER DIRECTION BY THE ENGINEER  
SEE HORIZONTAL DRAIN LAYOUT DETAIL SHEETS 2G-1 & 2G-2  
MAINTENANCE OF TRAFFIC WILL BE ESTABLISHED PER DIRECTION BY THE ENGINEER

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NAD 83 / NA 2011

-L-

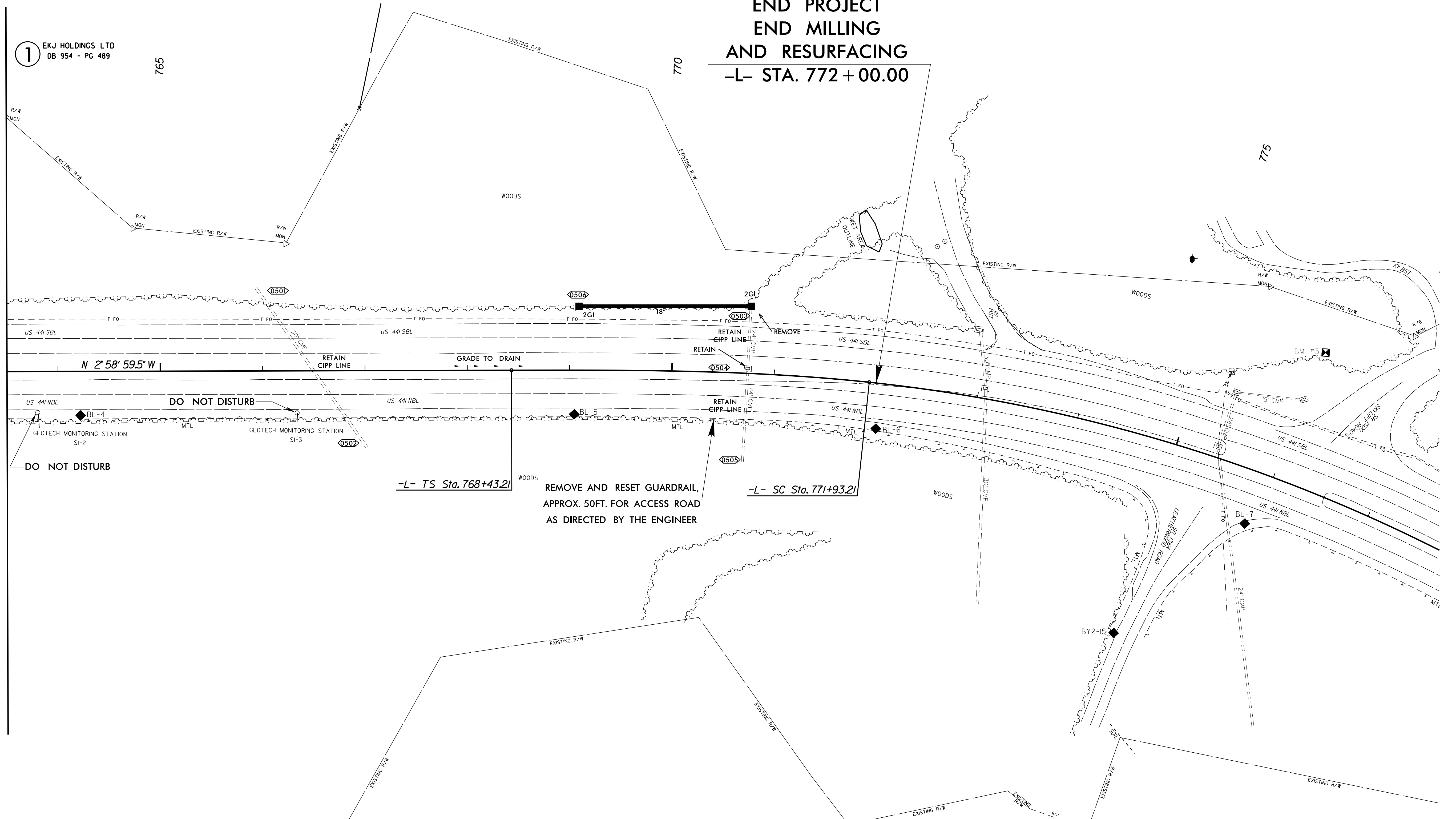
PIs Sta 770+76.68 $\theta_s = 6' 12' 13.5"$ $L_s = 350.00'$ $LT = 233.48'$ $ST = 116.80'$	PI Sta 779+39.00 $\Delta = 49' 32' 27.0" (RT)$ $D = 3' 32' 42.0"$ $L = 1,397.48'$ $T = 745.80'$ $R = 1,616.24'$
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### END PROJECT END MILLING AND RESURFACING -L- STA. 772 + 00.00

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DB 954 - PG 489

MATCHLINE -L- STA. 763 + 50.00 SEE SHEET 4

REVISIONS



ACCESS ROAD TO BE CONSTRUCTED BY CONTRACTOR PER DIRECTION BY THE ENGINEER  
SEE HORIZONTAL DRAIN LAYOUT DETAIL SHEETS 2G-1 & 2G-2  
MAINTENANCE OF TRAFFIC WILL BE ESTABLISHED PER DIRECTION BY THE ENGINEER

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