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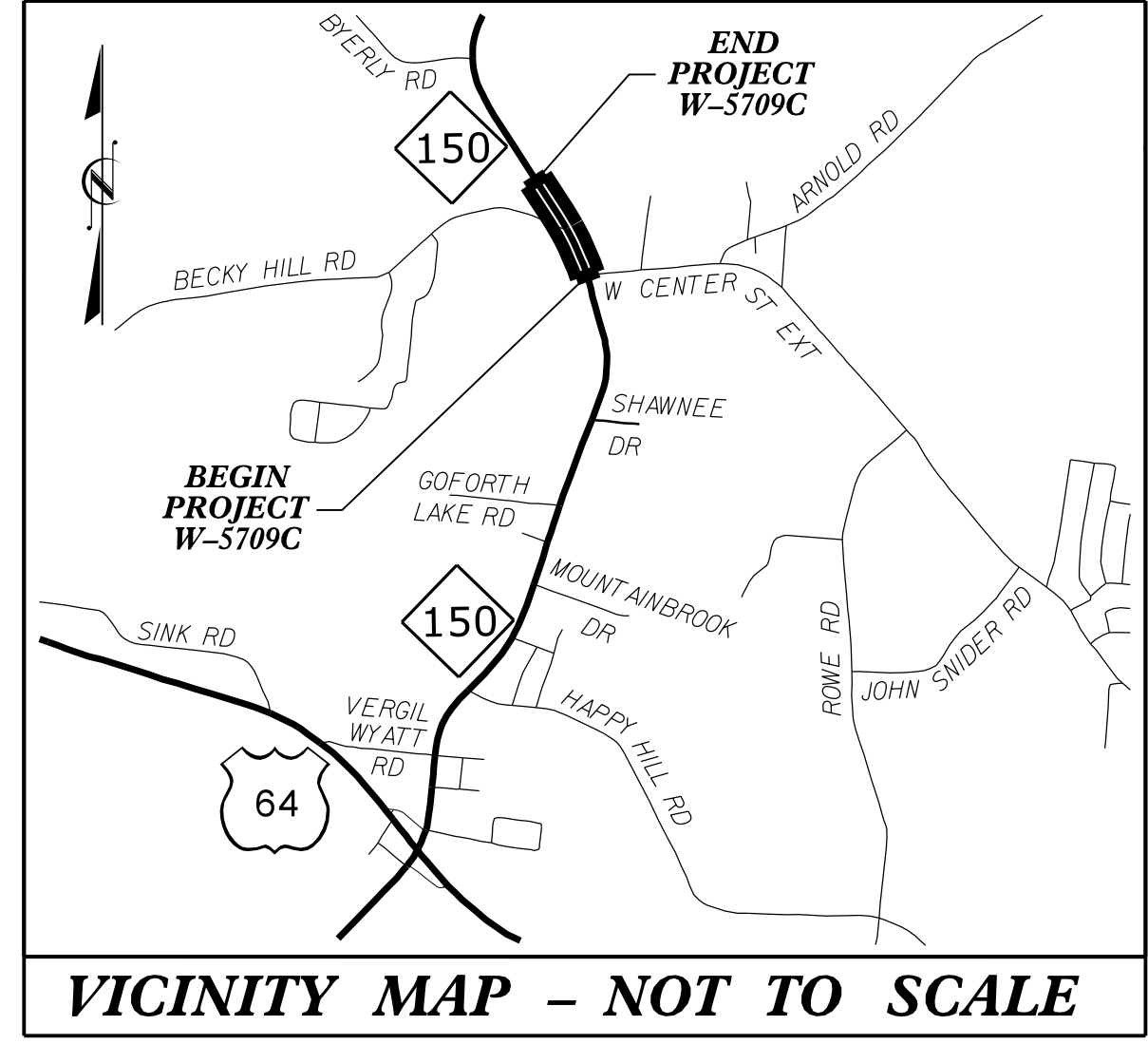
09.08/99

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5709C	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44855.1.3	N/A	PE	
44855.2.3	N/A	RWUTILS	
44855.3.3	HISP-0150(042)	CONST	

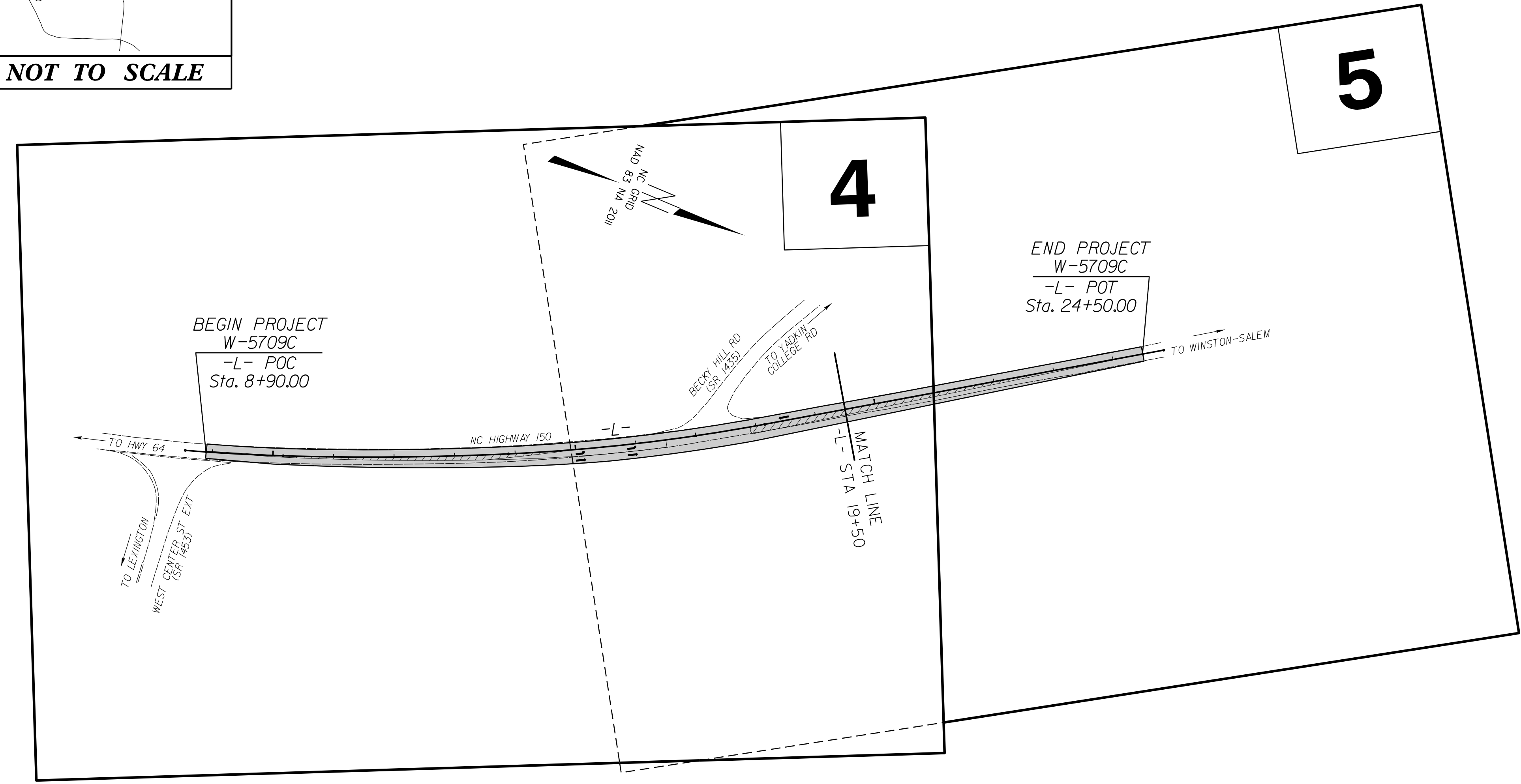
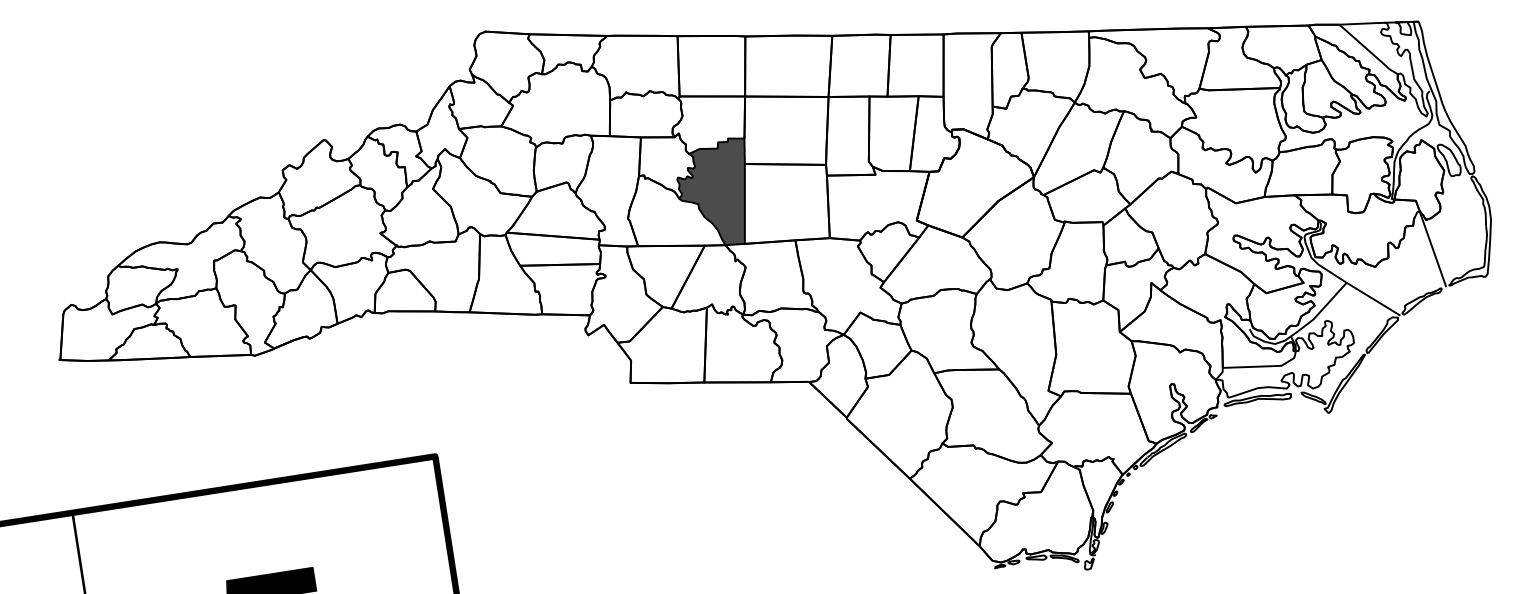
TIP PROJECT: W-5709C

CONTRACT: DI00222

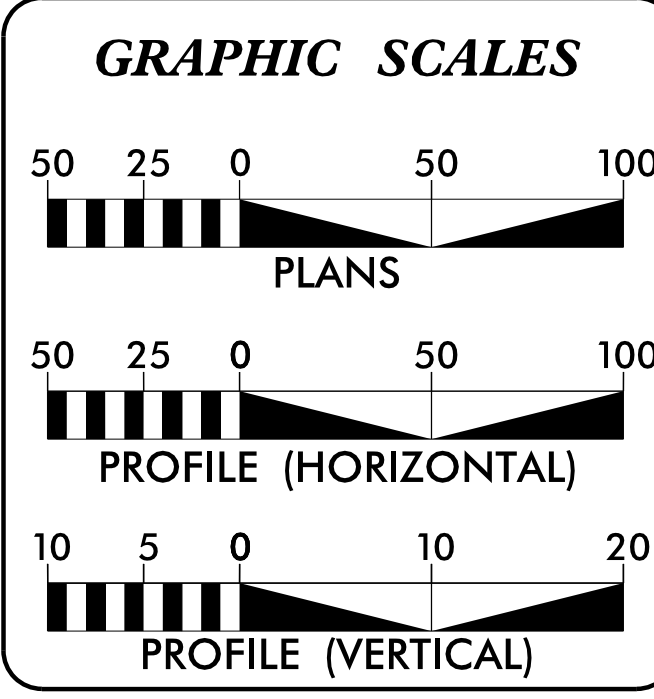


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
DAVIDSON COUNTY

LOCATION: NC 150 AT SR 1435 (BECKY HILL ROAD)
TYPE OF WORK: GRADING, DRAINAGE AND WIDENING



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



DESIGN DATA
ADT 2015 = 8400
POSTED SPEED = 50 MPH
DESIGN SPEED = 55 MPH

FUNC CLASS =
PRINCIPAL ARTERIAL

PROJECT LENGTH
LENGTH ROADWAY TIP PROJECT W-5709C = 0.295 MILE
TOTAL LENGTH TIP PROJECT W-5709C = 0.295 MILE

Prepared in the Office of:
DIVISION OF HIGHWAYS
NINTH DIVISION DESIGN/CONSTRUCT
375 SILAS CREEK PARKWAY WINSTON-SALEM, N.C. 27127
2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
FEBRUARY 28, 2018

LETTING DATE:
JUNE 23, 2021

SCOTT A. JONES, PE
PROJECT ENGINEER

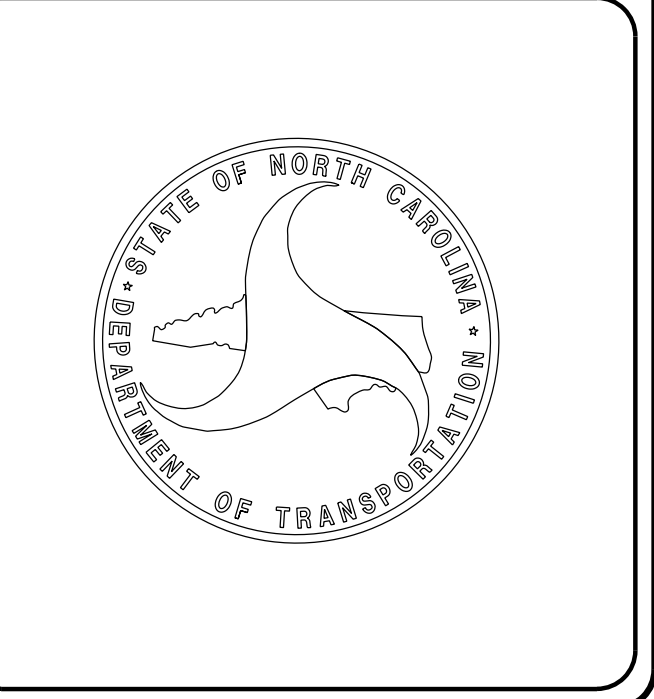
JEREMY L. KEATON, PLS
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER


DocuSigned by:
Scott Jones
707888508774AC
SIGNATURE: 5/11/2021

ROADWAY DESIGN ENGINEER

DocuSigned by:
Scott Jones
707888508774AC
SIGNATURE: 5/11/2021



I:\MAY-2021\08x20 SA\Project_Development\TIP_Projects\W-5709C-BeckyHillRd\Roadway\W-5709C-ddc-fsh.dgn \$\$\$USERNAME\$\$\$

PROJECT REFERENCE NO. W-5709C	SHEET NO. 1-A
ROADWAY DESIGN ENGINEER	
	
Documented by: <i>Scott Jones</i> 7078886523744C 5/11/2021	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

SHEET NUMBER	INDEX OF SHEETS SHEET
1	TITLE SHEET
1-A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS
1-B	CONVENTIONAL SYMBOLS
1C-1	SURVEY CONTROL SHEETS CENTER LINE COORDINATE LIST
2A-1	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
2C-1	GUARDRAIL INSTALLATION DETAIL
3B-1	ROADWAY SUMMARIES, DRAINAGE SUMMARIES
4-5	PLAN SHEET
6	PROFILE SHEET
PMP-1 THRU PMP-2	PAVEMENT MARKING PLANS
EC-1 THRU EC5	EROSION CONTROL PLANS
X-1 THRU X-6	CROSS-SECTIONS

GENERAL NOTES: 2018 SPECIFICATIONS

GRADING AND SURFACING:

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 III.

SUPERELEVATION:

ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.04 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

SHOULDER CONSTRUCTION:

ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01

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.

DRIVEWAYS:

DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. 848.03 AT LOCATIONS SHOWN ON PLANS OR AS 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.

SUBSURFACE PLANS:

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

UTILITIES:

UTILITY OWNERS ON THIS PROJECT ARE

City of Lexington, Davidson Water, Energy United, Surry Telephone Membership, Time Warner Cable, Windstream Communications

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

2018 ROADWAY ENGLISH STANDARD DRAWINGS
EFF. 01-16-2018
REV.

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 III
225.02	Guide for Grading Subgrade - Secondary and Local
225.04	Method of Obtaining Superelevation - Two Lane Pavement
225.06	Method of Grading Sight Distance at Intersections
DIVISION 3 - PIPE CULVERTS	
300.01	Method of Pipe Installation
310.10	Driveway Pipe Construction
DIVISION 5 - SUBGRADE, BASES AND SHOULDERS	
560.01	Method of Shoulder Construction - High Side of Superelevated Curve - Method I
DIVISION 8 - INCIDENTALS	
838.01	Concrete Endwall for Single and Double Pipe Culverts - 15" thru 48" Pipe 90 Skew
862.01	Guardrail Placement
862.02	Guardrail Installation
862.03	Structure Anchor Units (Beg. March 2013 Letting use detail in lieu of Standard)
876.02	Guide for Rip Rap at Pipe Outlets

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

12/2/2016

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○ EIP
Computed Property Corner	-----
Property Monument	□ ECM
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	○ R W
New Right of Way Line with Pin and Cap	○ R W ▲
New Right of Way Line with Concrete or Granite R/W Marker	▲ R W
New Control of Access Line with Concrete C/A Marker	○ C/A
Existing Control of Access	○ C/A
New Control of Access	○ C/A
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	--- T ---
Proposed Guardrail	--- T ---
Existing Cable Guiderail	--- T ---
Proposed Cable Guiderail	--- T ---
Equality Symbol	⊕
Pavement Removal	▨

VEGETATION:

Single Tree	☼
Single Shrub	☼

Note: Not to Scale *S.U.E. = *Subsurface Utility Engineering*

Hedge	-----
Woods Line	-----
Orchard	☼ ☼ ☼ ☼
Vineyard	□ 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	○ S
Storm Sewer	--- S ---

UTILITIES:

POWER:	
Existing Power Pole	●
Proposed Power Pole	○
Existing Joint Use Pole	●
Proposed Joint Use Pole	○
Power Manhole	○ P
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	○ T
Telephone Pedestal	□ T
Telephone Cell Tower	⊕
U/G Telephone Cable Hand Hole	○ T
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	○ W
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	○ TV
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:

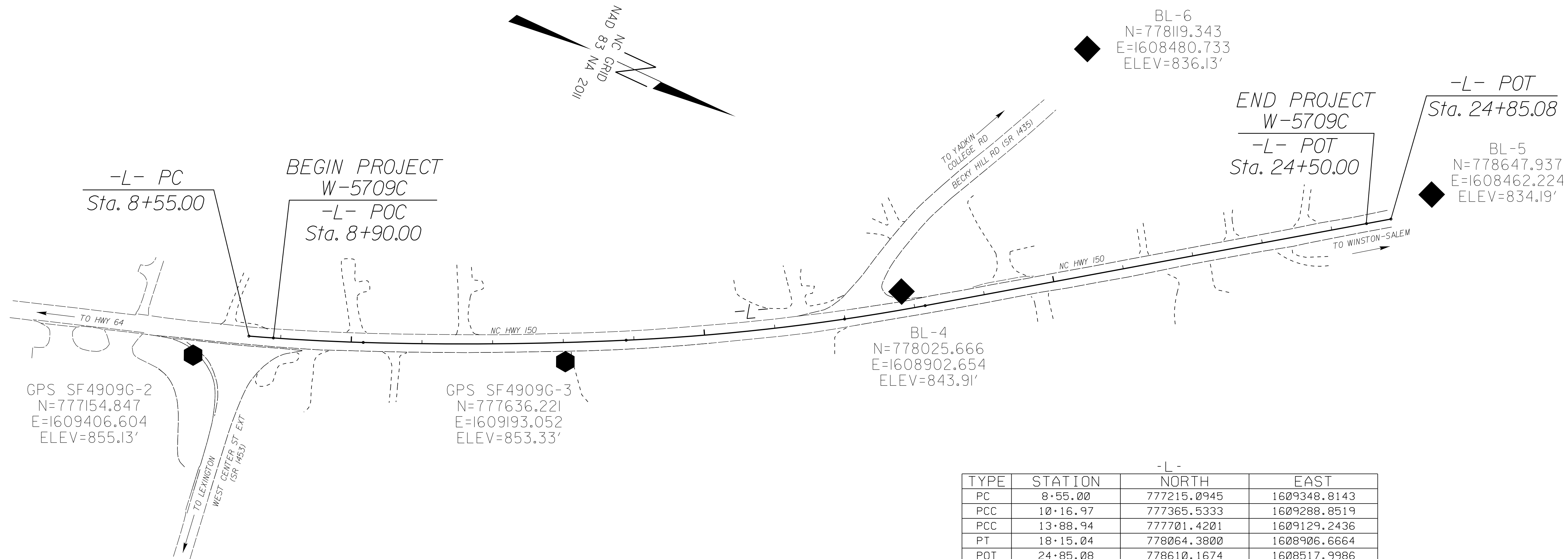
Sanitary Sewer Manhole	⊕
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	--- SS ---
Above Ground Sanitary Sewer	--- A/G Sanitary Sewer ---
SS Forced Main Line LOS B (S.U.E.*)	--- FSS ---
SS Forced Main Line LOS C (S.U.E.*)	--- FSS ---
SS Forced Main Line LOS D (S.U.E.*)	--- FSS ---

MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	□
Utility Unknown U/G Line LOS B (S.U.E.*)	--- ZUTL ---
U/G Tank; Water, Gas, Oil	□
Underground Storage Tank, Approx. Loc.	⊕
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.

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENT
(ALIGNMENT RETAINED THROUGH CONSTRUCTION)



TYPE	STATION	NORTH	EAST
PC	8+55.00	777215.0945	1609348.8143
PCC	10+16.97	777365.5333	1609288.8519
PCC	13+88.94	777701.4201	1609129.2436
PT	18+15.04	778064.3800	1608906.6664
POT	24+85.08	778610.1674	1608517.9986

ALIGN	STATION	OFFSET	NORTH	EAST
L	18+28.00	50.00	778103.9389	1608939.8781
L	18+29.41	68.00	778115.5266	1608953.7238
L	18+48.00	50.00	778120.2302	1608928.2766
L	18+49.31	68.00	778131.7359	1608942.1808

BL	POINT	DESC.	NORTH	EAST	ELEVATION
2	GPS SF4909G-2		777154.8470	1609406.6040	855.13
3	GPS SF4909G-3		777636.2210	1609193.0520	853.33
4	BL-4		778025.6660	1608902.6540	843.91
5	BL-5		778647.9370	1608462.2240	834.19
6	BL-6		778119.3430	1608480.7330	836.13

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "SF4909G-3" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 777636.221(ft) EASTING: 1609193.052(ft) ELEVATION: 853.33(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999896762

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "SF4909G-3" TO -L- STATION 8+55.00 IS S 20°17'52.6" W 449.01'

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTES:

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION 9 DDC UNIT.
- DRAWING NOT TO PROJECT SCALE

6/2/09

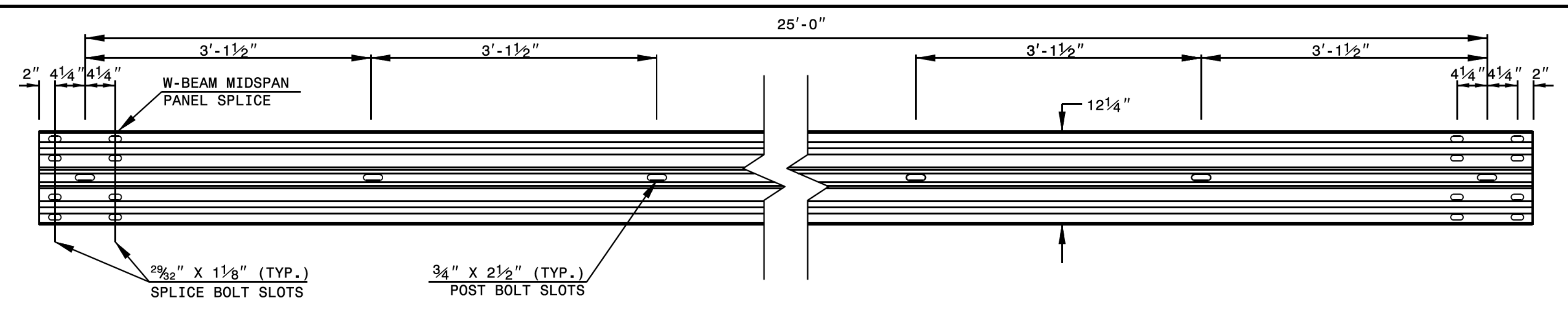
REVISIONS

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 AT DIV09-319221L
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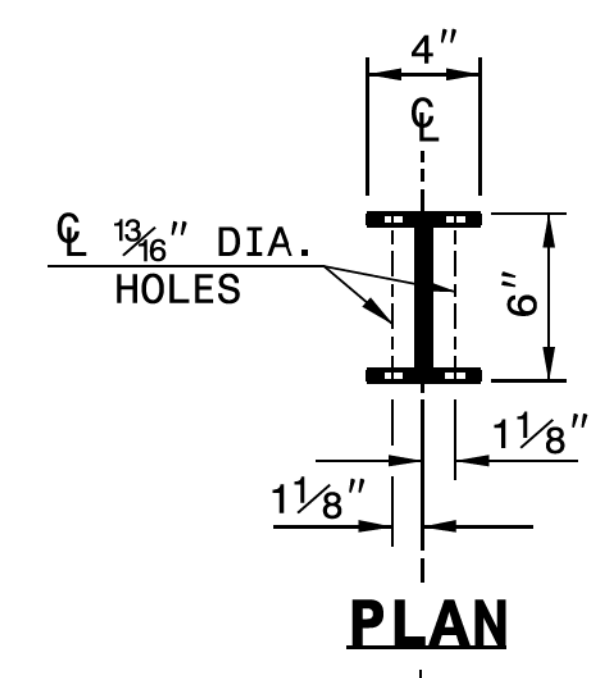
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

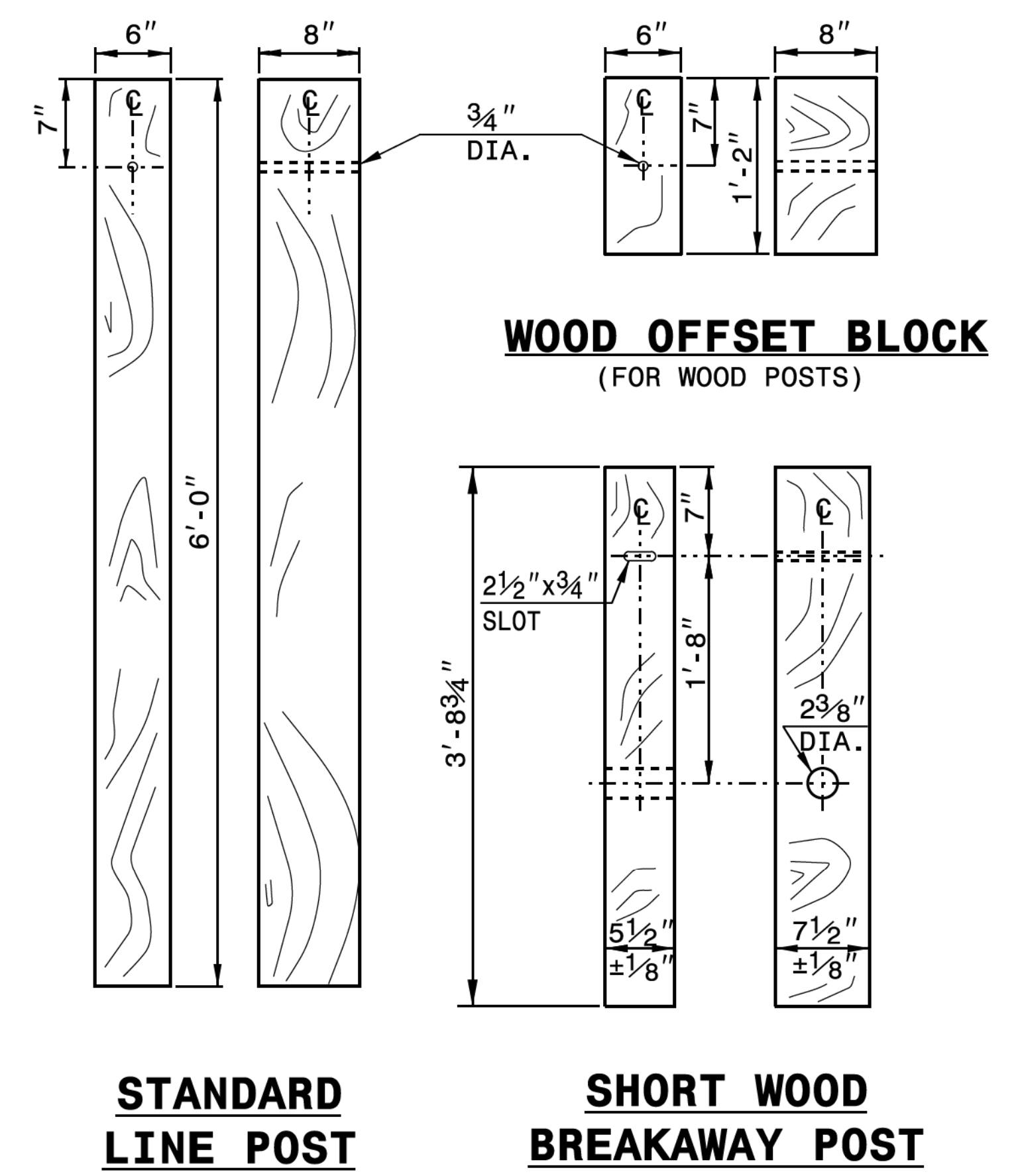
SHEET 6 OF 8
862D02



STANDARD W-BEAM GUARDRAIL



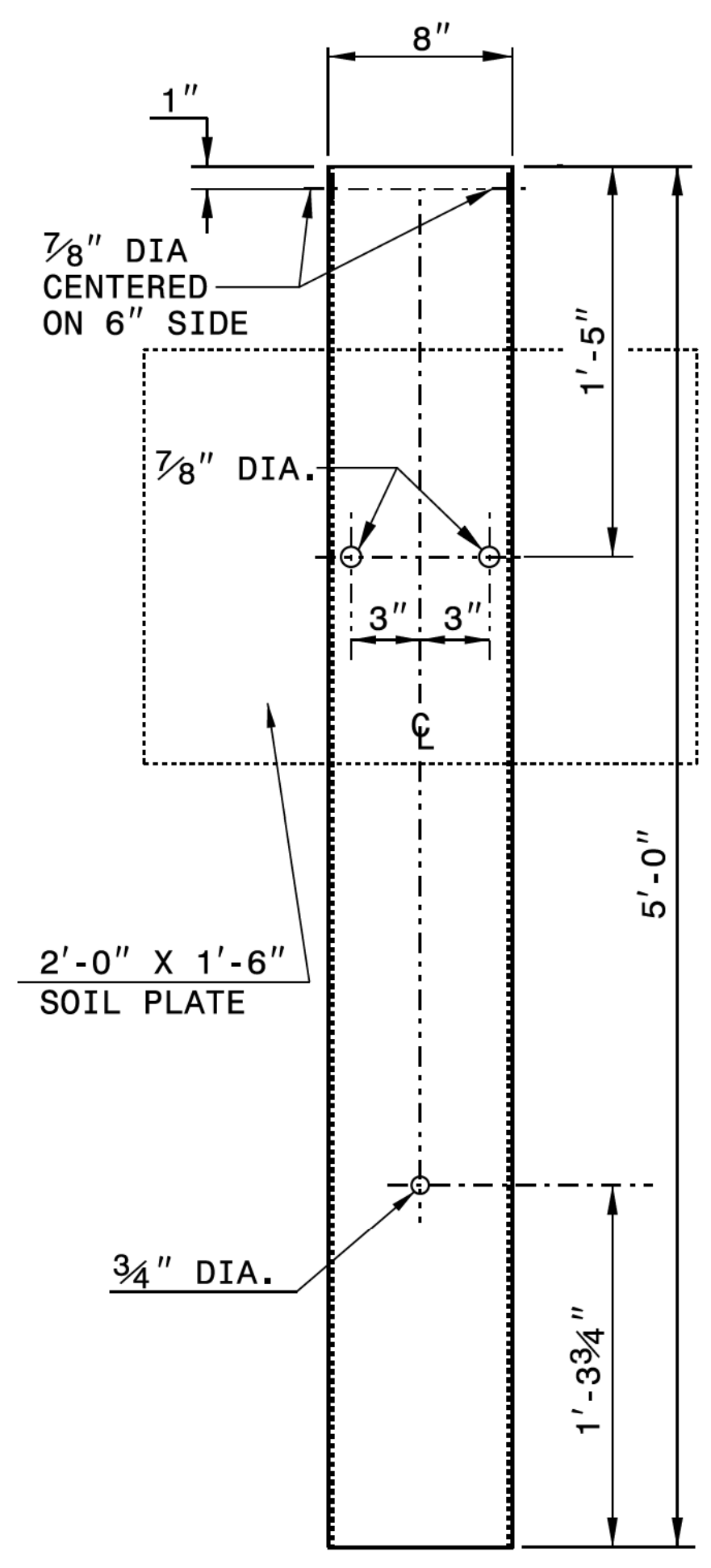
PLAN



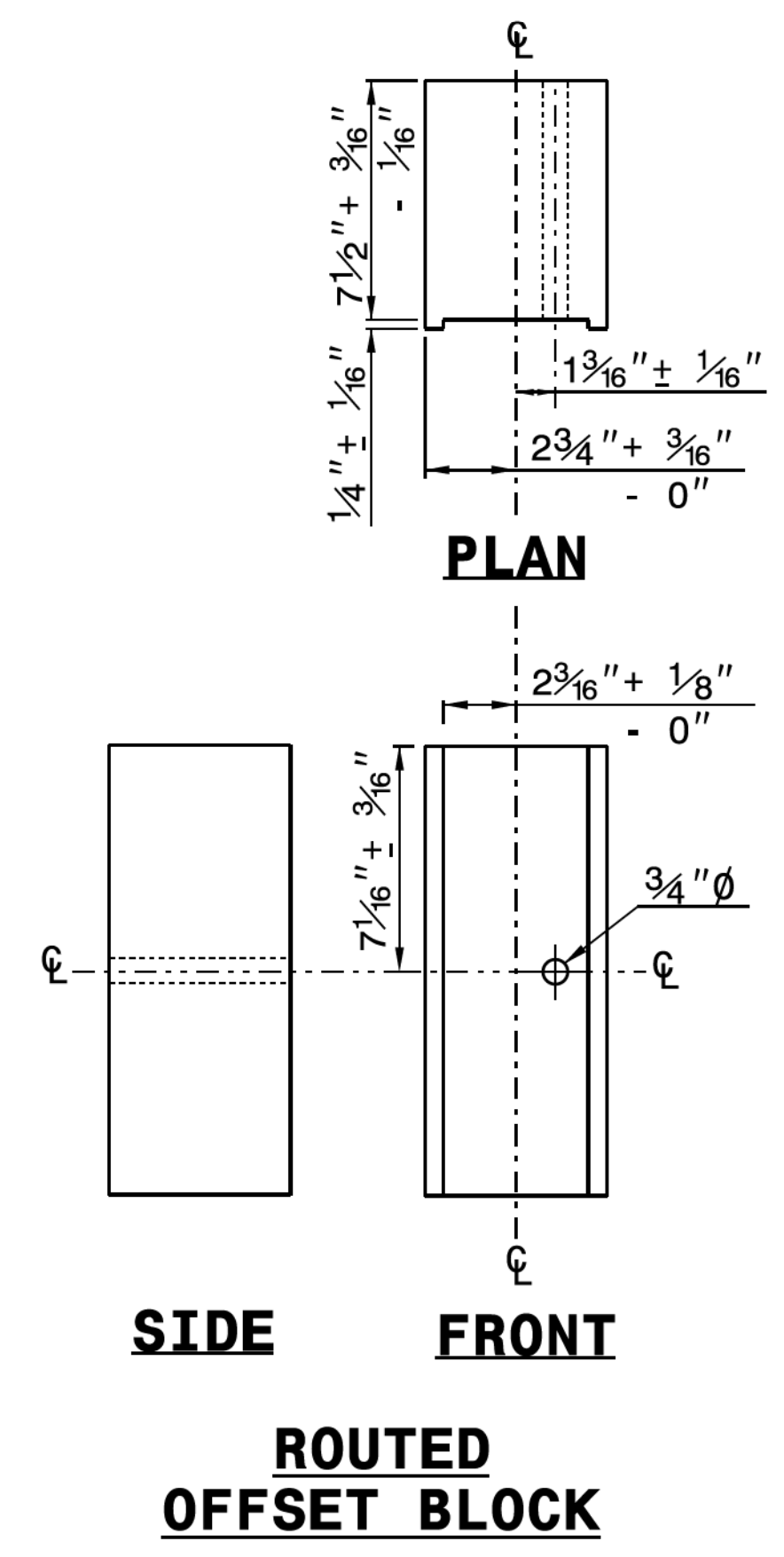
WOOD OFFSET BLOCK
(FOR WOOD POSTS)

STANDARD LINE POST

SHORT WOOD BREAKAWAY POST



STEEL TUBE
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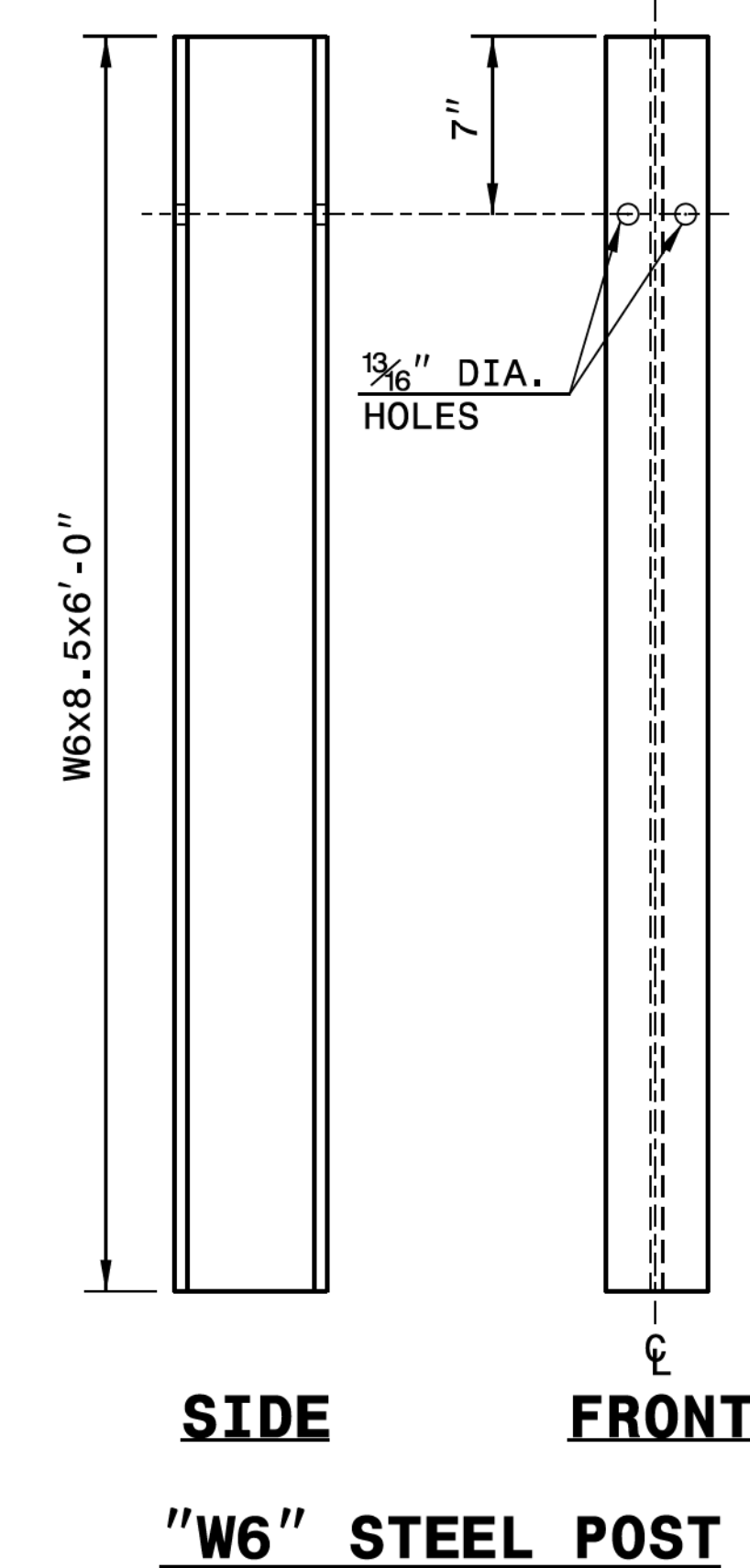


PLAN

SIDE

FRONT

ROUTED OFFSET BLOCK



SIDE

FRONT

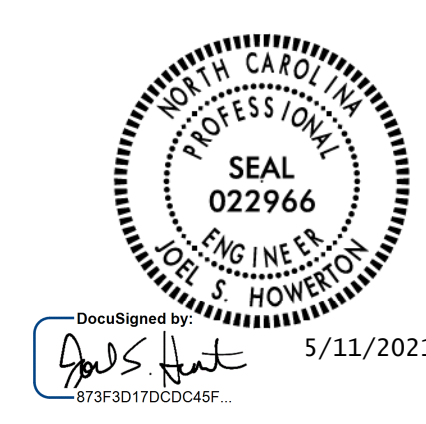
"W6" STEEL POST

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

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 6 OF 8
862D02

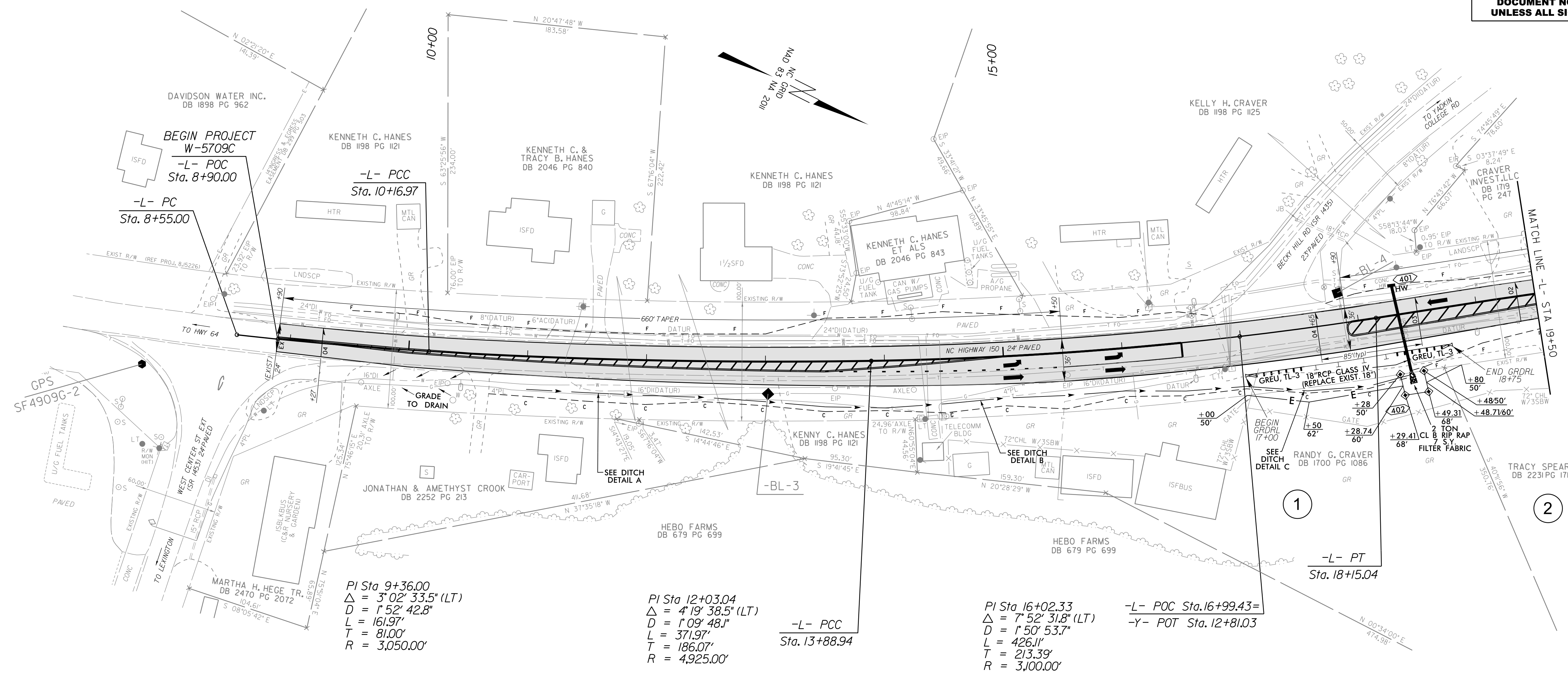
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CONTRACTS STANDARDS AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: J. HOWERTON	DATE: 3-7-2018
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC.:	



BEGIN PROJECT
W-5709C
-L- POC
Sta. 8+90.00
-L- PC
Sta. 8+55.00

-L- PCC
Sta. 10+16.97

-L- PCC
Sta. 13+88.94

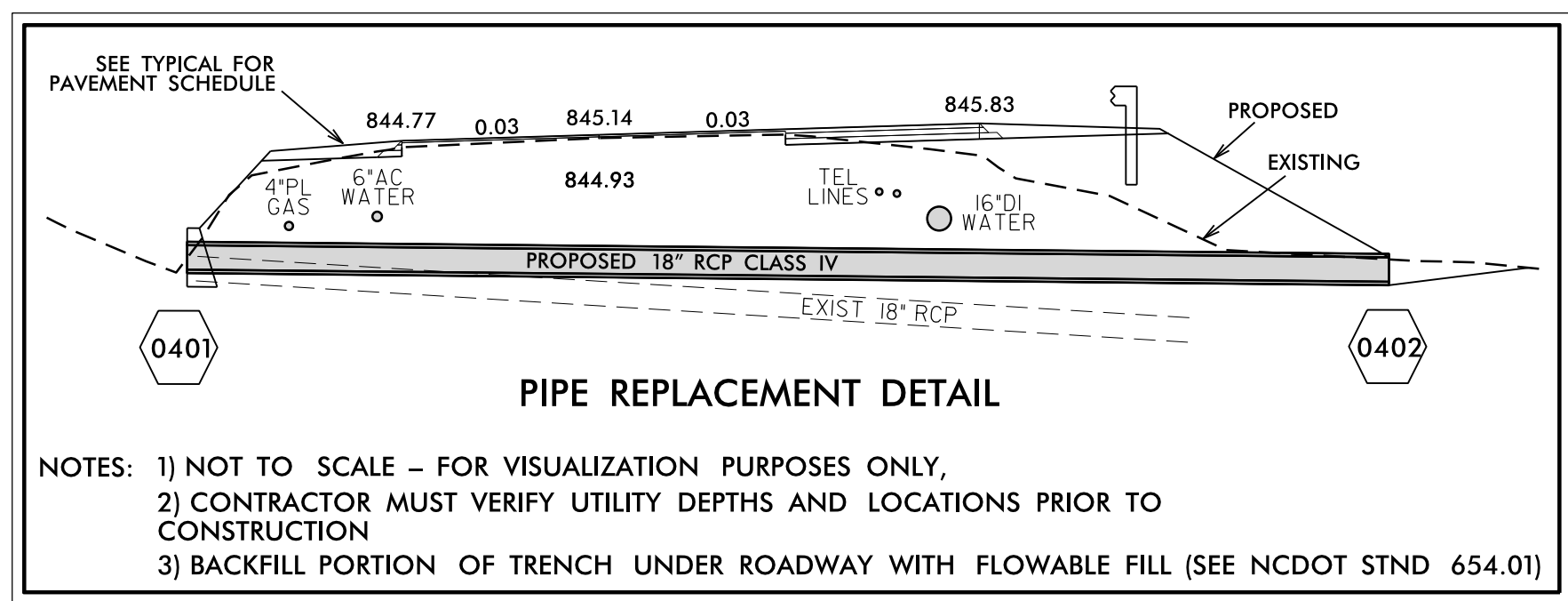
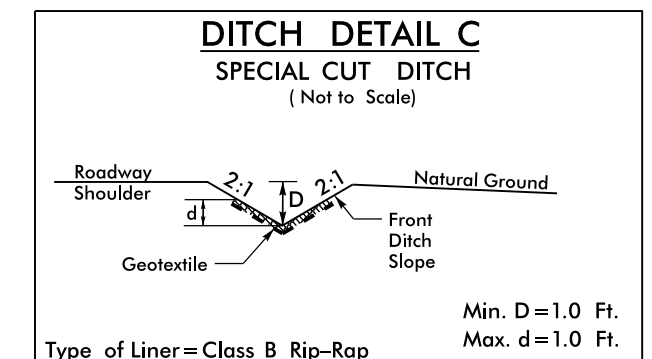
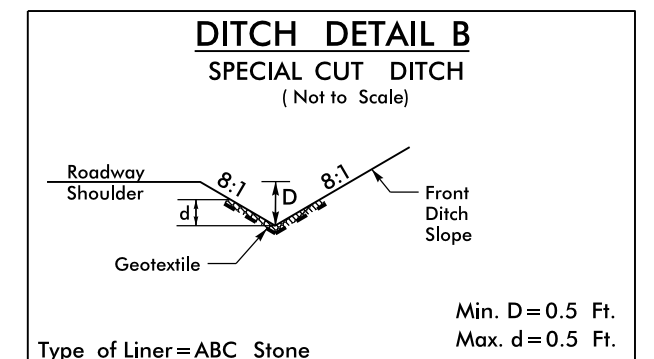
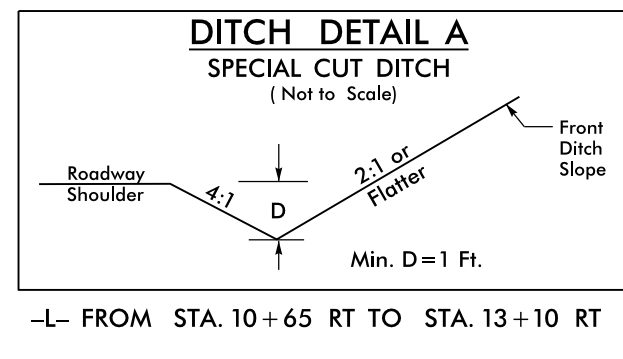
PI Sta. 16+02.33
Δ = 7°52' 31.8" (LT)
D = 1'50' 53.7"
L = 426.11'
T = 213.39'
R = 3,100.00'

-L- POC Sta. 16+99.43=
-Y- POT Sta. 12+81.03

-L- PT
Sta. 18+15.04

PI Sta. 9+36.00
Δ = 3°02' 33.5" (LT)
D = 1'52' 42.8"
L = 161.97'
T = 81.00'
R = 3,050.00'

PI Sta. 12+03.04
Δ = 4°19' 38.5" (LT)
D = 1'09' 48.1"
L = 371.97'
T = 186.07'
R = 4,925.00'


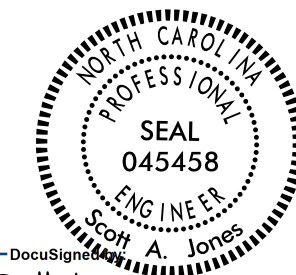


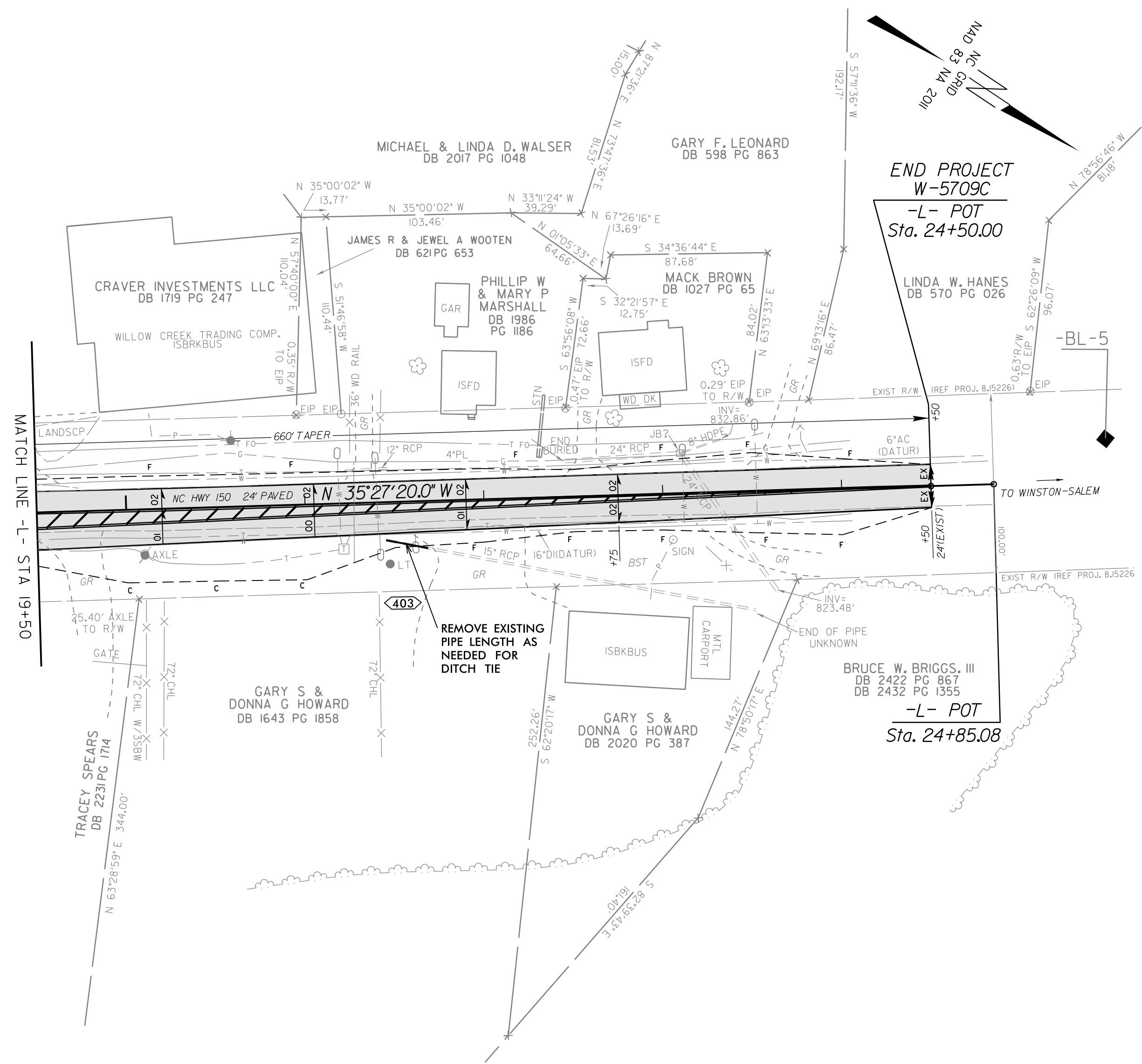
NOTE:
SEE SHEET 6 FOR
-L- PROFILE

REVISIONS

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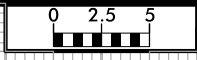
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 \$\$\$\$\$\$USERNAME\$\$\$\$\$\$

PROJECT REFERENCE NO. W-5709C	SHEET NO. 5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 Scott A. Jones 5/11/2021	 Scott A. Jones 5/11/2021
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



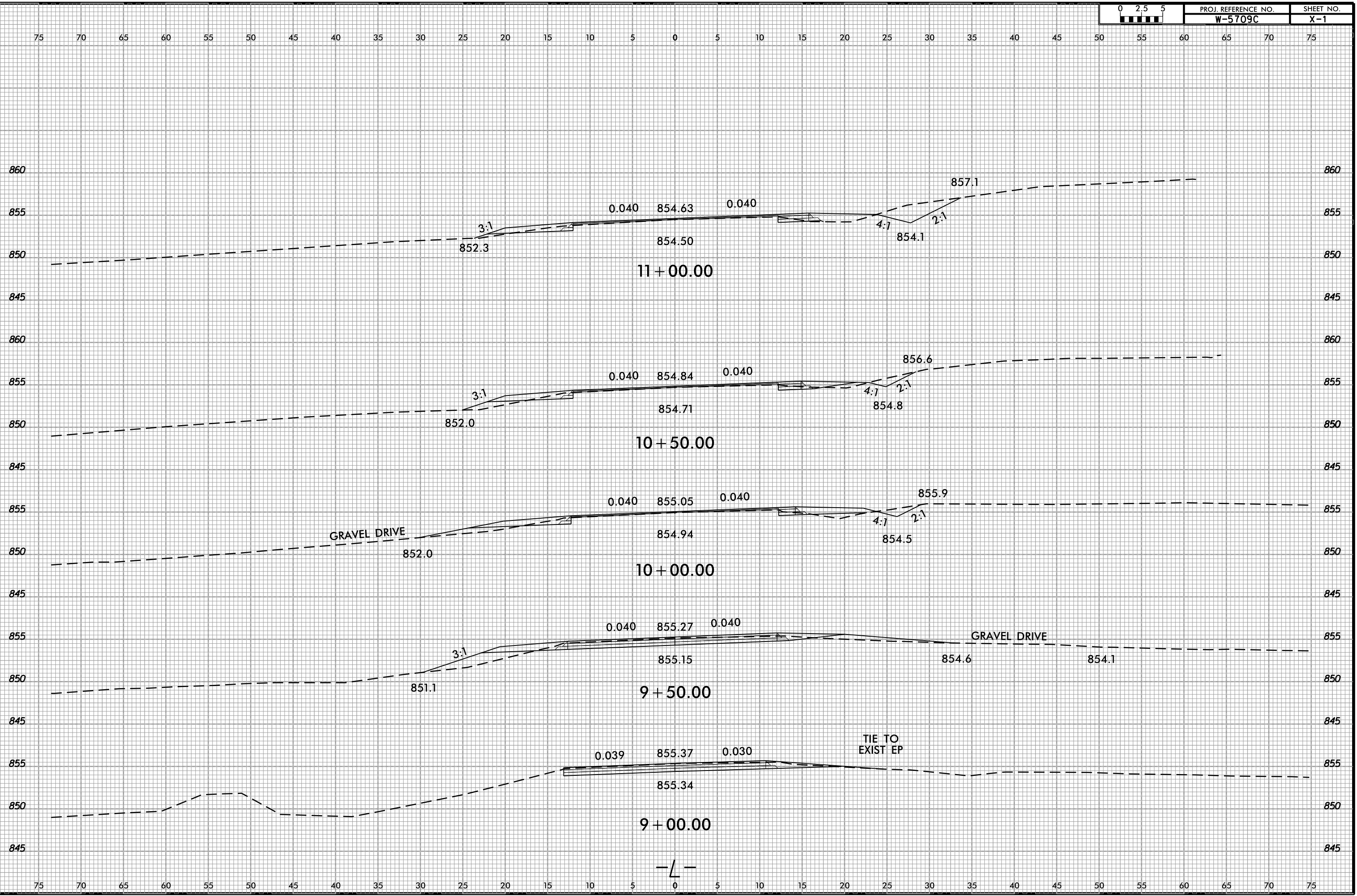
NOTE:
 SEE SHEET 6 FOR
 -L- PROFILE

6/23/16
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W-5709C

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X-1



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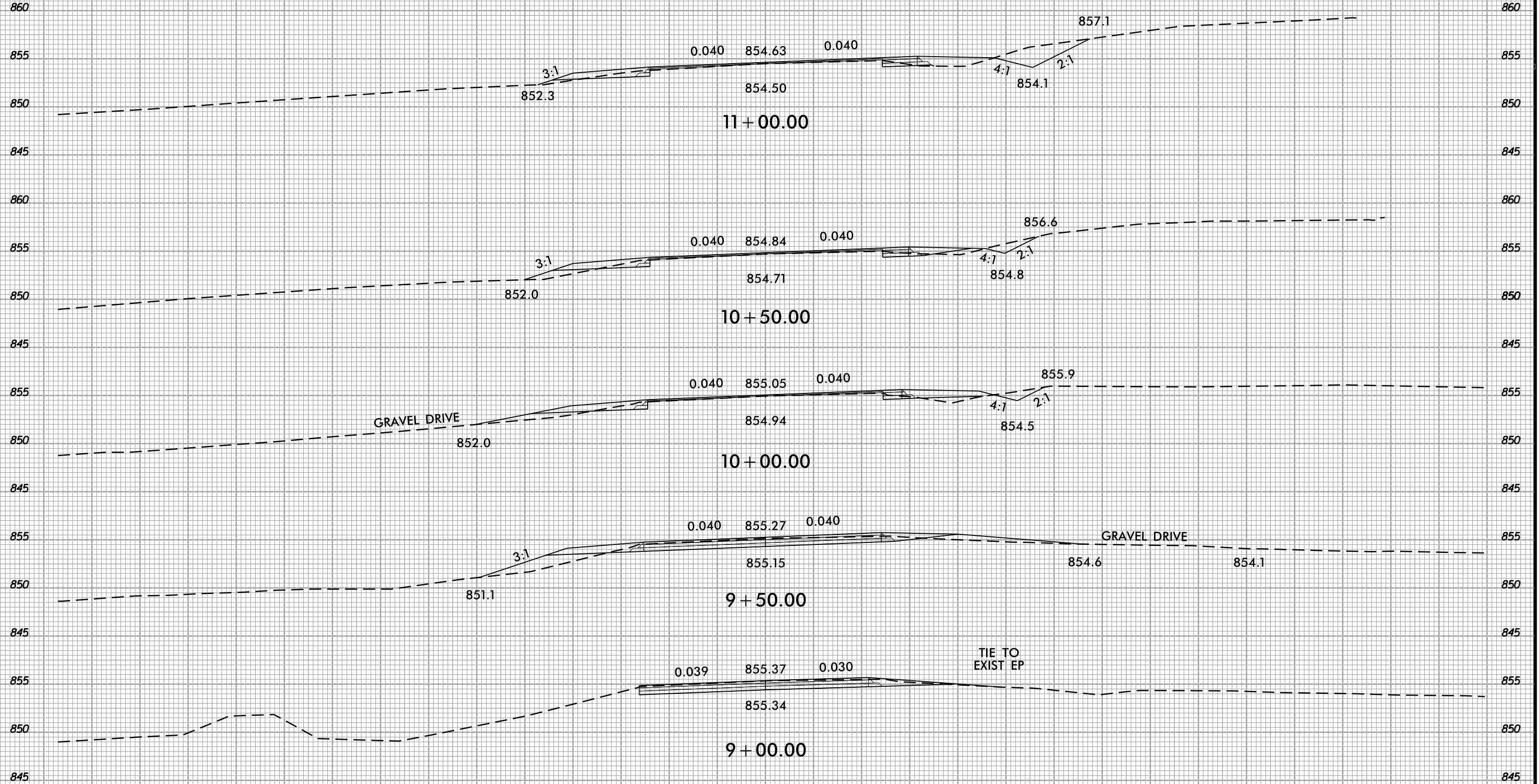
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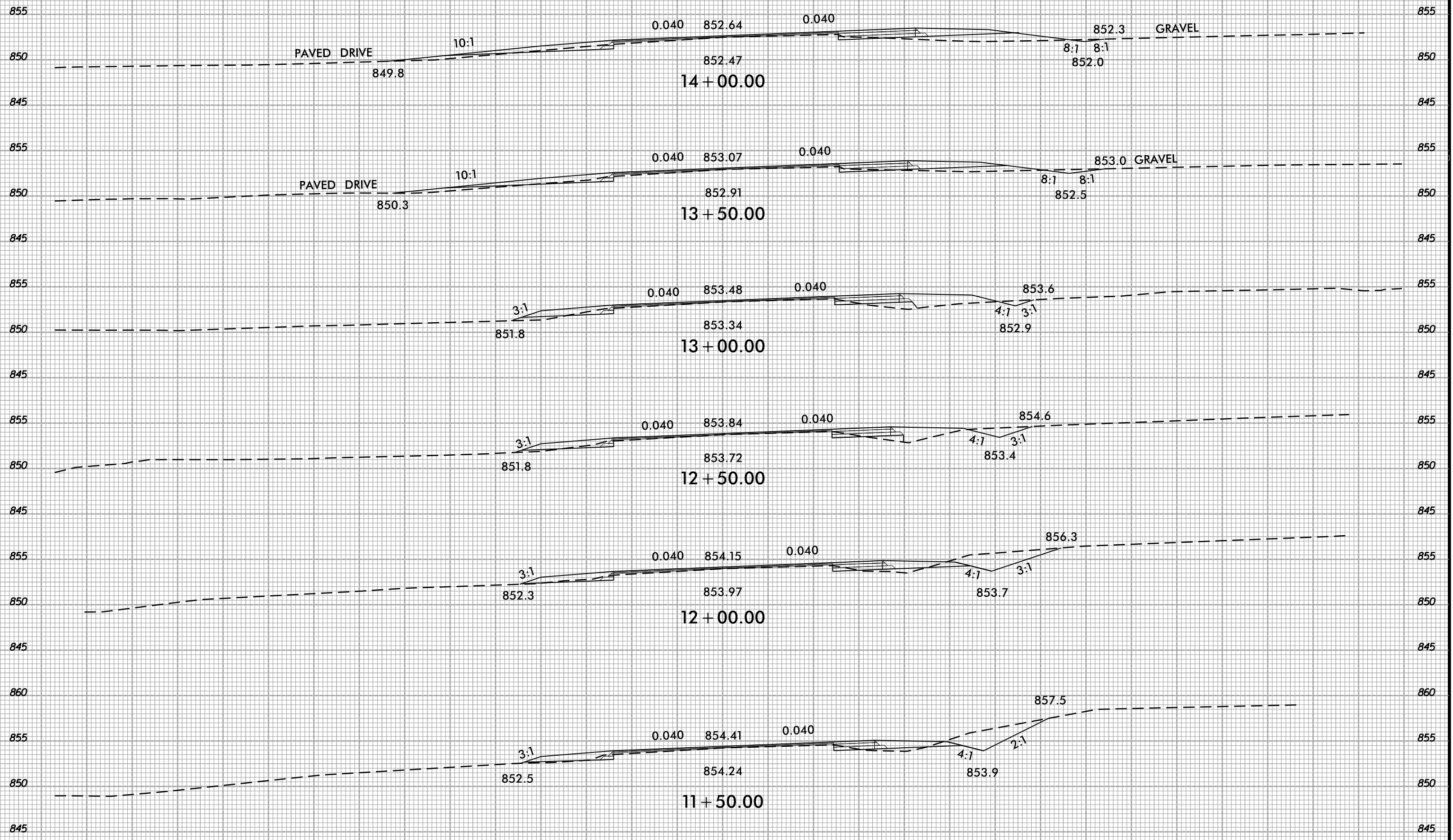
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GRAVEL DRIVE

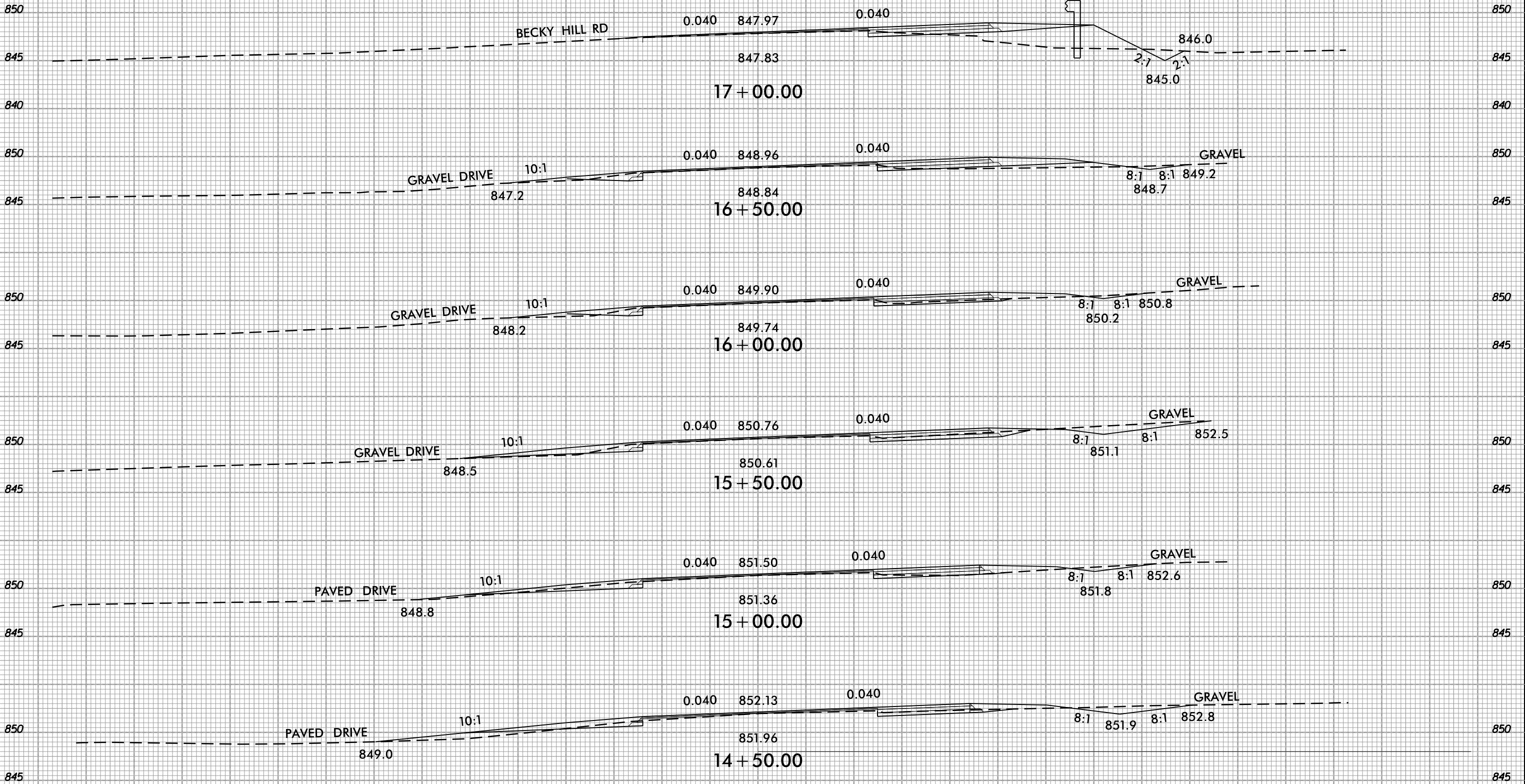
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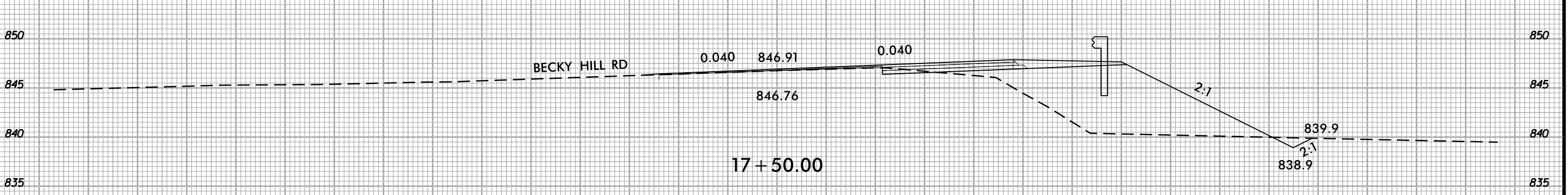
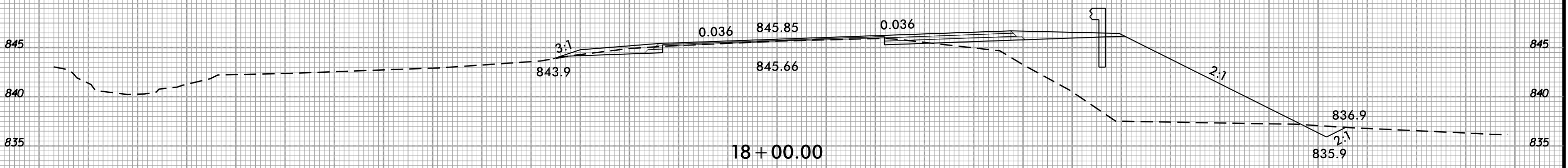
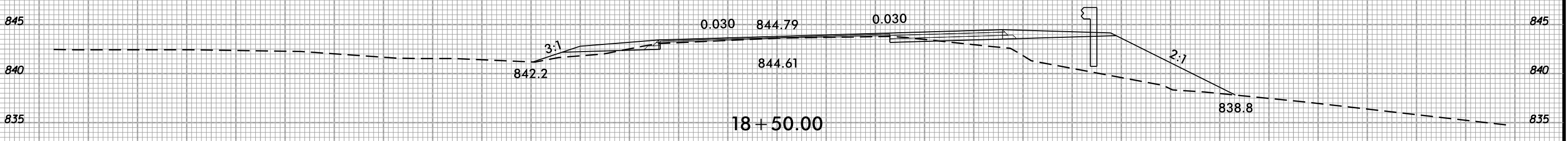
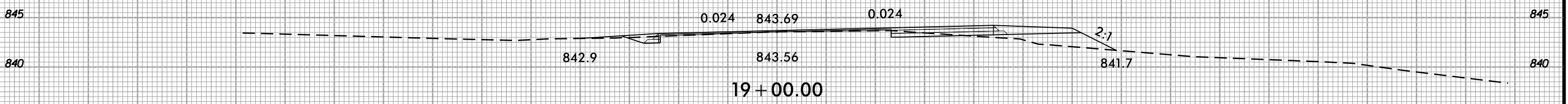
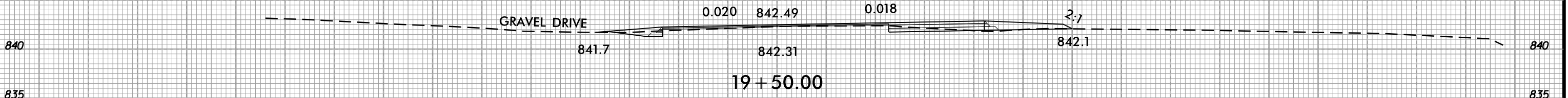
6/23/16



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W-5709C

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X-4

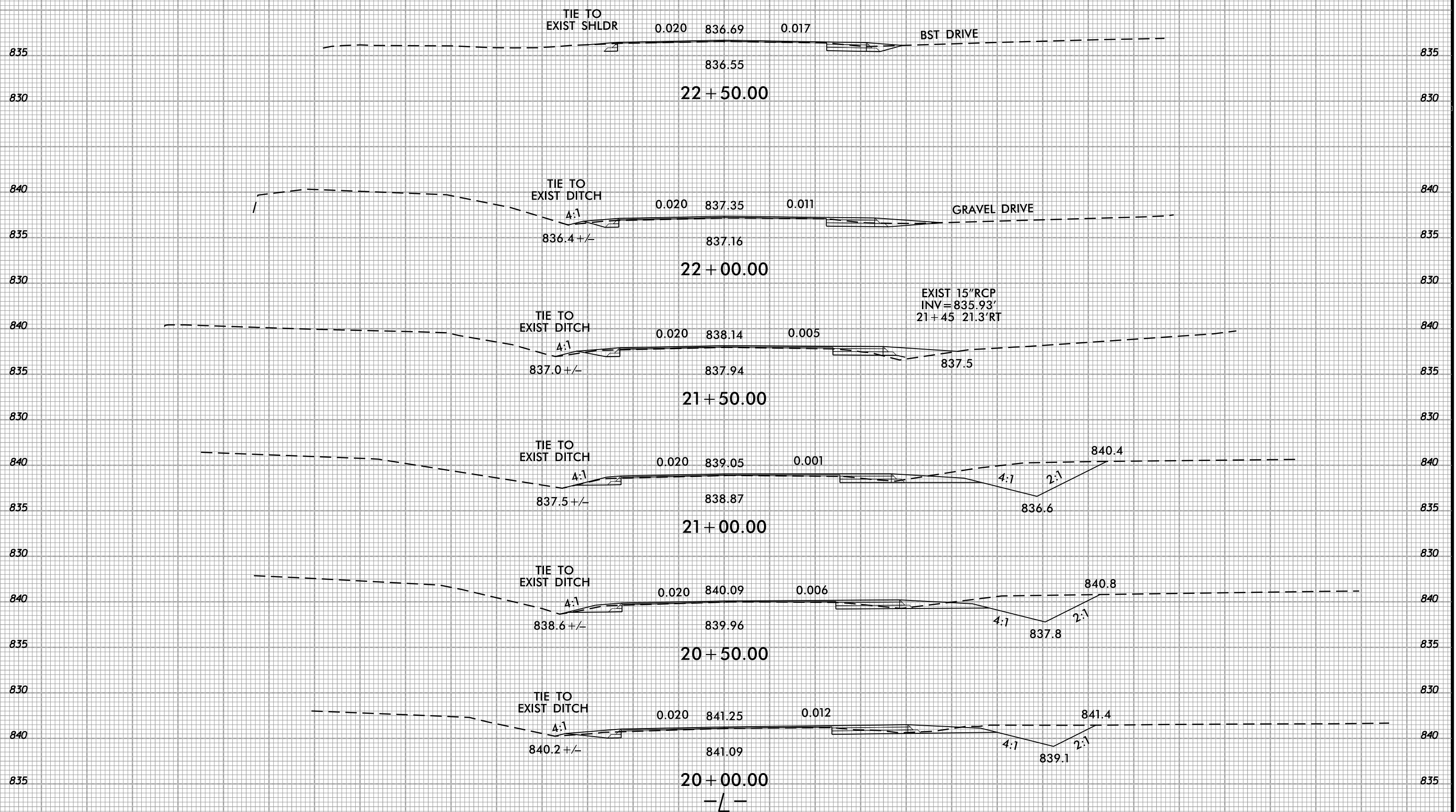
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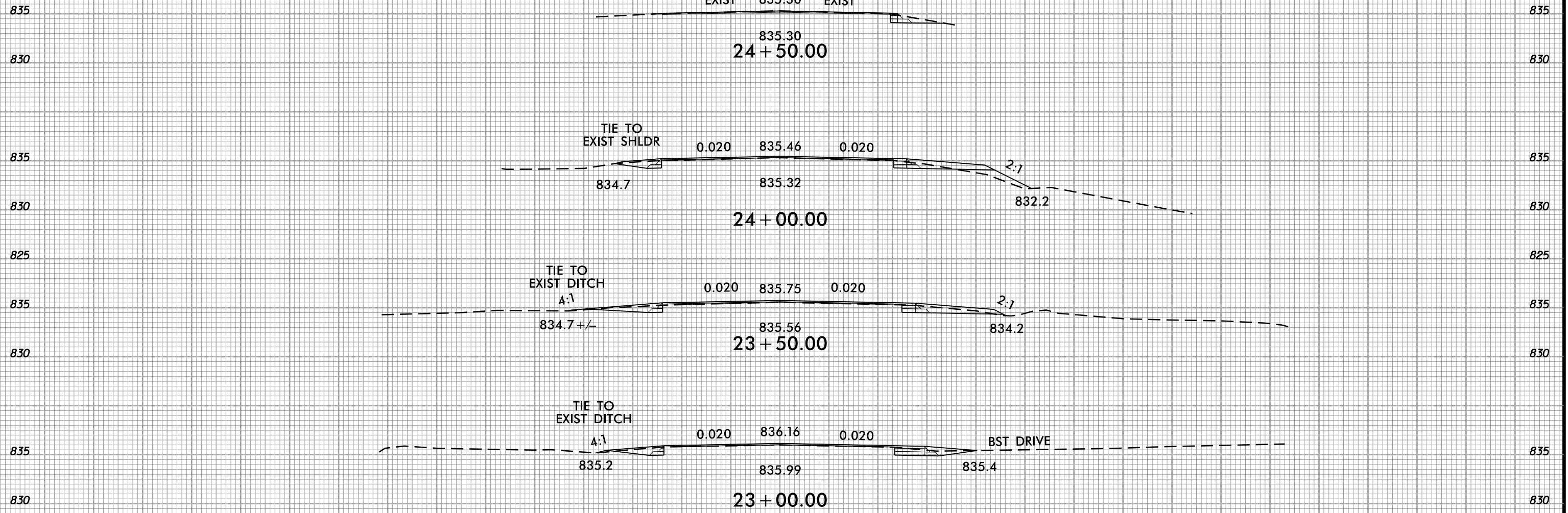
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W-5709C

SHEET NO.
X-6

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User: jklee

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Becky Hill Rd\Roadway\W-5709C-ddc.pmp.dgn

REVISIONS

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
DAVIDSON COUNTY

LOCATION: INTERSECTION OF NC 150
& SR 1435 (BECKY HILL ROAD)

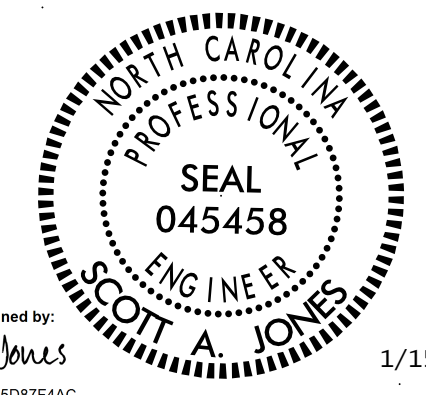
TIP NO. SHEET NO.

W-5709C PMP - 1

APPROVED: _____

DATE: _____

SEAL



DocuSigned by:
Scott Jones
1/15/2019

GENERAL NOTES

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.

A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING TYPE	MARKERS
NC-150 (-L-) and -Y- Lines	Thermoplastic w/Highly Reflective Elements	None

(All Stop Bars, Arrow Symbols, and Diagonal lines shall be Thermoplastic)

- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES. (*)
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- E) STOPBAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- F) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON THE BRIDGE DECK(S) PRIOR TO PLACING POLYUREA PAVEMENT MARKING.

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - ARROW SYMBOLS
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS

FINAL PAVEMENT MARKING SCHEDULE

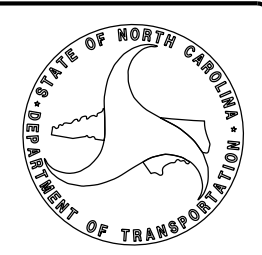
SYMBOL	DESCRIPTION	PAY ITEM
V8	2 FT. - 6 FT. /SP WHITE MINISKIP (4")	THERMOPLASTIC
VA	WHITE EDGELINE (4")	THERMOPLASTIC
VD	3 FT. - 9 FT./SP WHITE MINISKIP	THERMOPLASTIC
VE	WHITE SOLID LANE LINE (4")	THERMOPLASTIC
VI	YELLOW DOUBLE CENTER (4")	THERMOPLASTIC
T2	WHITE STOPBAR (24", 120 MIL)	THERMOPLASTIC
TP	YELLOW DIAGONAL (8", 90 MIL)	THERMOPLASTIC
UA	LEFT TURN ARROW (90 MIL)	THERMOPLASTIC
UC	STRAIGHT ARROW (90 MIL)	THERMOPLASTIC

FINAL PAVEMENT MARKING QUANTITIES

SYMBOL	DESCRIPTION	QUANTITY
V8	2 FT. - 6 FT. /SP WHITE MINISKIP (4")	191 LF
VA	WHITE EDGELINE (4")	2920 LF
VD	3 FT. - 9 FT./SP WHITE MINISKIP	200 LF
VE	WHITE SOLID LANE LINE (4")	101 LF
VI	YELLOW DOUBLE CENTER (4")	2672 LF
T2	WHITE STOPBAR	12 LF
TP	YELLOW DIAGONAL	250 LF
UA	LEFT TURN ARROW	2 EACH

PLAN PREPARED BY: N.C.D.O.T. DIVISION 9 DDC

SCOTT A. JONES DIVISION 9 DDC ENGINEER

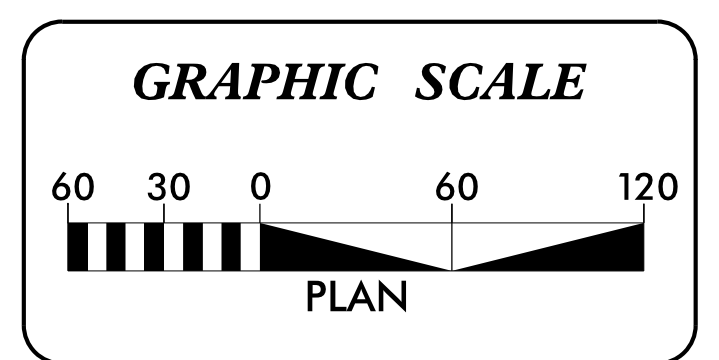
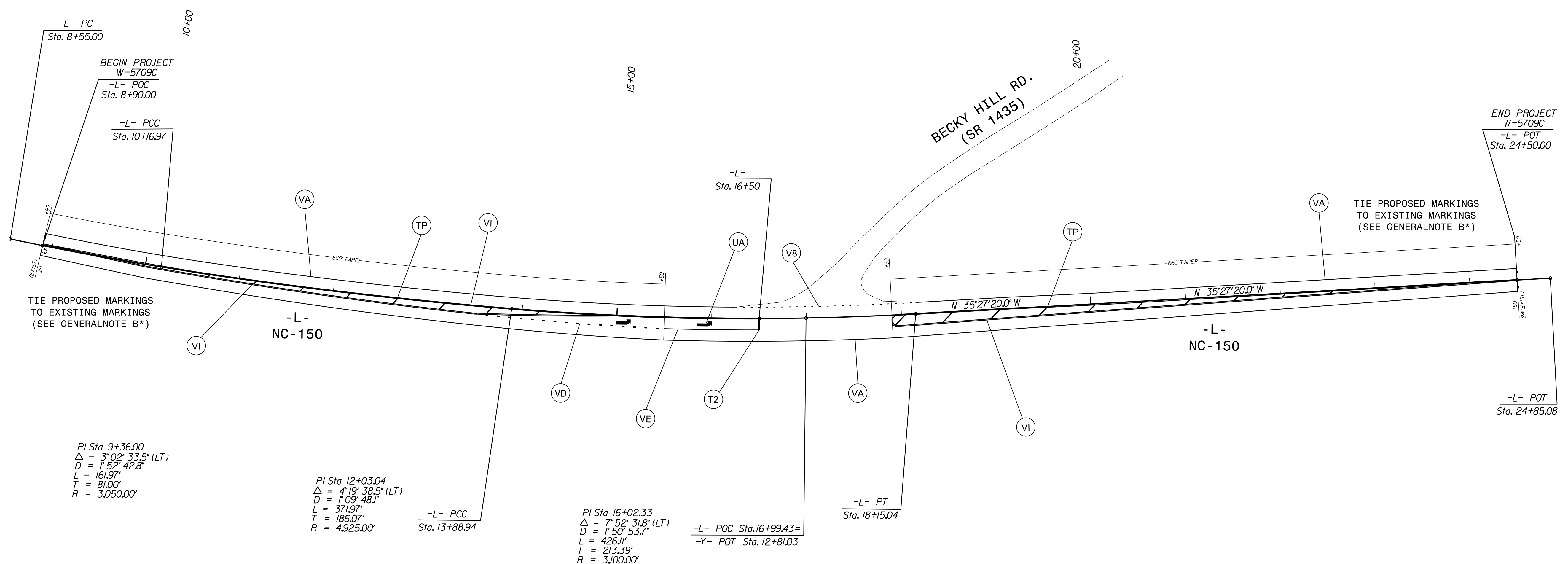


INDEX

SHEET NO.	DESCRIPTION
PMP - 1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP - 2	PAVEMENT MARKING DETAILS

TIP NO. W-5709C	SHEET NO. PMP - 2
APPROVED: _____	
DATE: _____	
SEAL	

REVISIONS
 8/17/99
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 Scott Jones



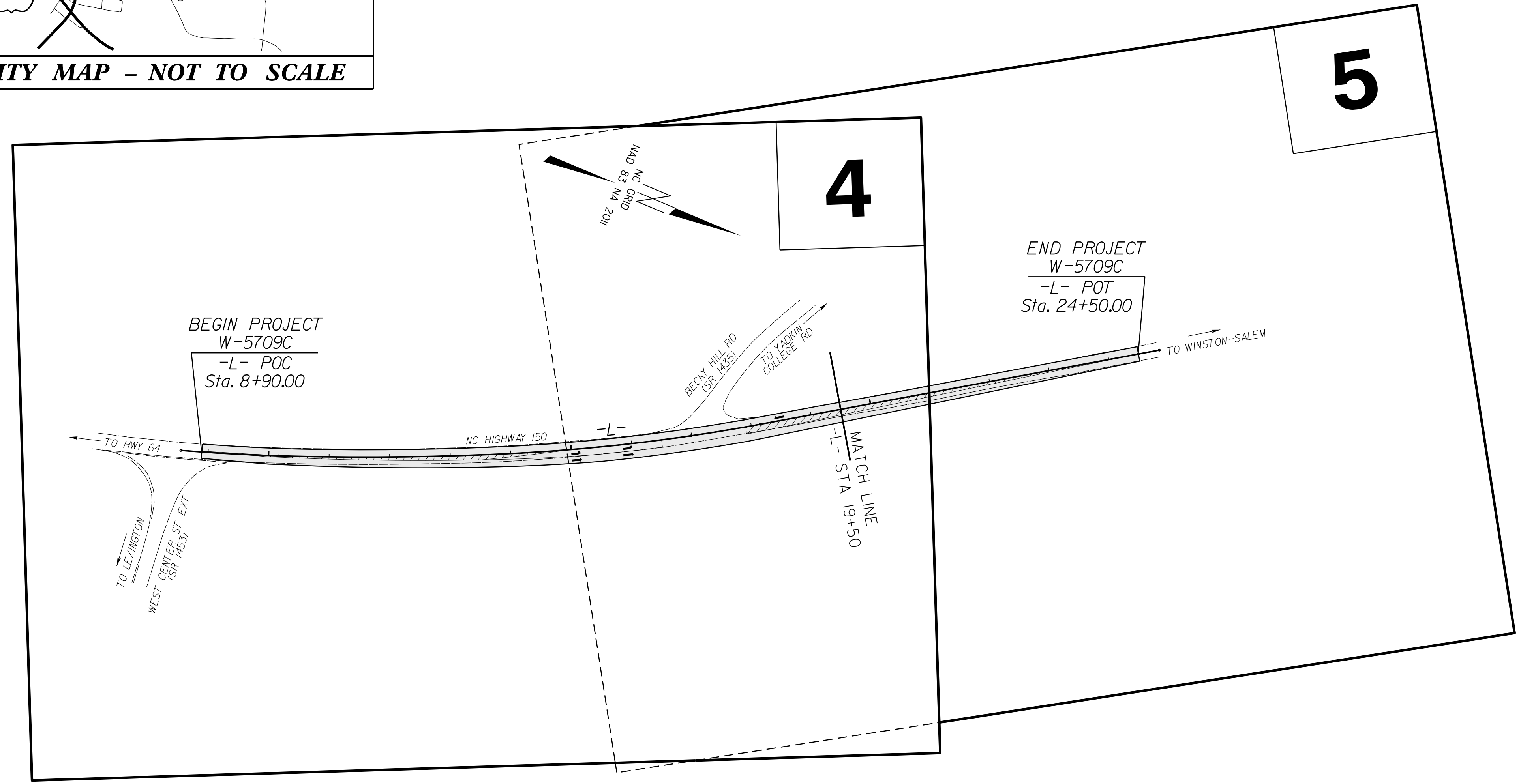
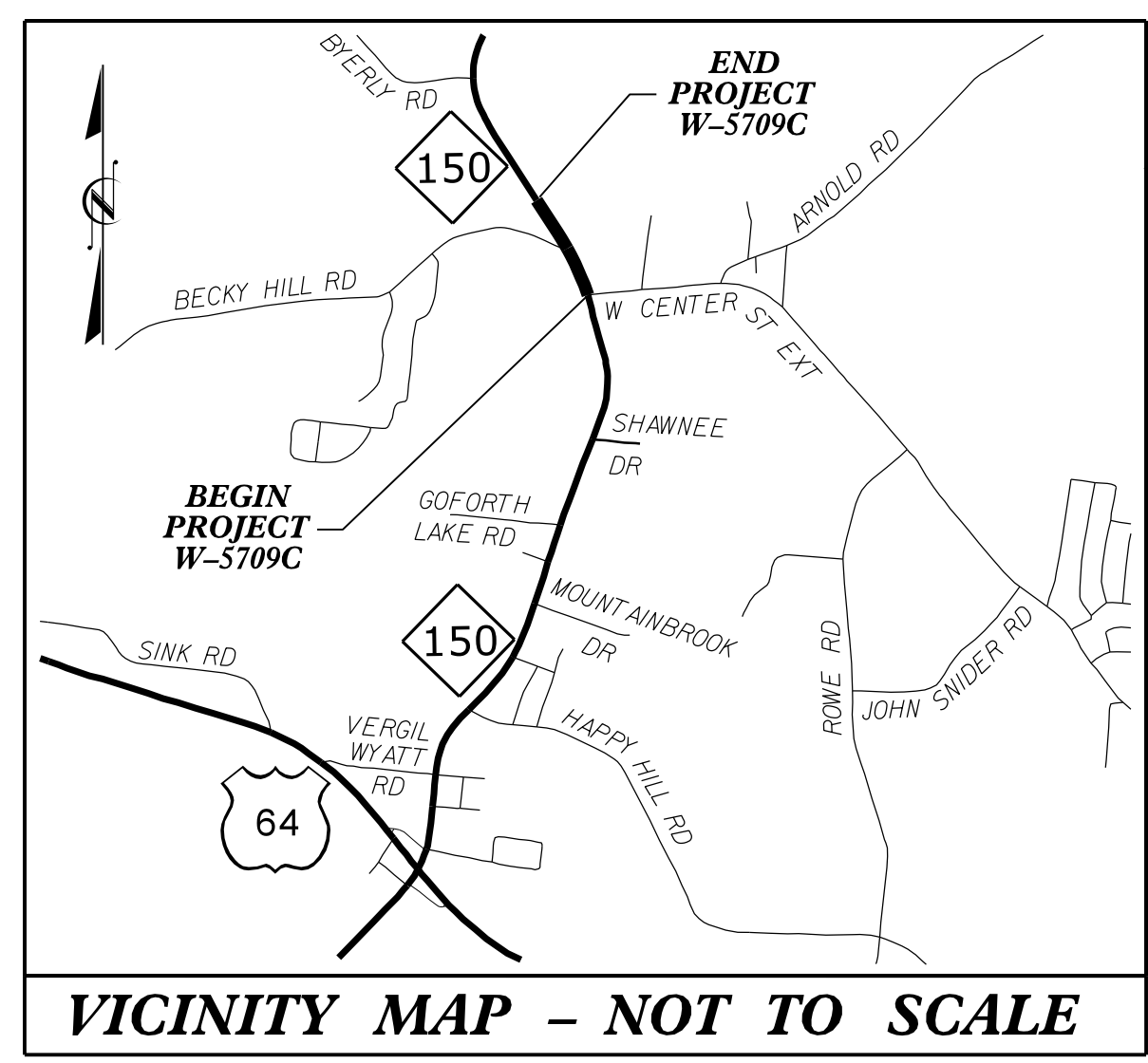
09/28/19

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5709C	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44855.1.3	N/A	PE	
44855.2.3	N/A	RWUTILS	
44855.3.3	HISP-0150(042)	CONST	

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
 PLAN FOR PROPOSED
 HIGHWAY EROSION CONTROL
DAVIDSON COUNTY

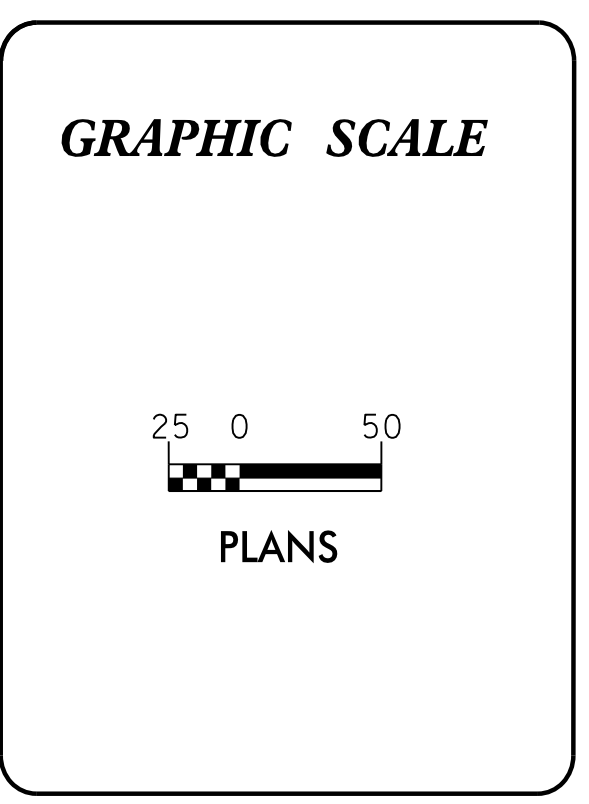
CONTRACT: DIXXXXX TIP PROJECT: W-5709C



EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1630.03	Temporary Silt Ditch	TD
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	III III III
1606.01	Special Sediment Control Fence	III III III
1622.01	Temporary Berms and Slope Drains	TD
1630.02	Silt Basin Type B	SB
1633.01	Temporary Rock Silt Check Type-A	RS
1633.02	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	RS
1633.02	Temporary Rock Silt Check Type-B	RS
1633.02	Wattle/Coir Fiber Wattle	W
1633.02	Wattle/Coir Fiber Wattle with Polyacrylamide (PAM)	W
1634.01	Temporary Rock Sediment Dam Type-A	RD
1634.02	Temporary Rock Sediment Dam Type-B	RD
1635.01	Rock Pipe Inlet Sediment Trap Type-A	RPI
1635.02	Rock Pipe Inlet Sediment Trap Type-B	RPI
1630.04	Stilling Basin	SB
1630.06	Special Stilling Basin	SB
1632.01	Rock Inlet Sediment Trap Type A	RIS
1632.02	Type B	RIS
1632.05	Type C	RIS
1630.01	Skimmer Basin	SK
1630.02	Tiered Skimmer Basin	SK
1630.06	Infiltration Basin	IB

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



ROADSIDE ENVIRONMENTAL UNIT
 DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY
 WITH THE REGULATIONS SET FORTH BY THE
 NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 1, 2016
 ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND
 NATURAL RESOURCES DIVISION OF WATER QUALITY.

Prepared in the Office of:
DIVISION 9 DDC
 375 Silas Creek Parkway
 Winston-Salem, NC 27127

2018 STANDARD SPECIFICATIONS

Designed by:
Jeremy L. Keaton 3497
 NAME LEVEL III CERTIFICATION NO.

Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2018 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

1604.01 Railroad Erosion Control Detail	1632.01 Rock Inlet Sediment Trap Type A
1605.01 Temporary Silt Fence	1632.02 Rock Inlet Sediment Trap Type B
1606.01 Special Sediment Control Fence	1632.03 Rock Inlet Sediment Trap Type C
1607.01 Gravel Construction Entrance	1633.01 Temporary Rock Silt Check Type A
1622.01 Temporary Berms and Slope Drains	1633.02 Temporary Rock Silt Check Type B
1630.01 Riser Basin	1634.01 Temporary Rock Sediment Dam Type A
1630.02 Silt Basin Type B	1634.02 Temporary Rock Sediment Dam Type B
1630.03 Temporary Silt Ditch	1635.01 Rock Pipe Inlet Sediment Trap Type A
1630.04 Stilling Basin	1635.02 Rock Pipe Inlet Sediment Trap Type B
1630.05 Temporary Diversion	1640.01 Coir Fiber Baffle
1630.06 Special Stilling Basin	1645.01 Temporary Stream Crossing
1631.01 Matting Installation	

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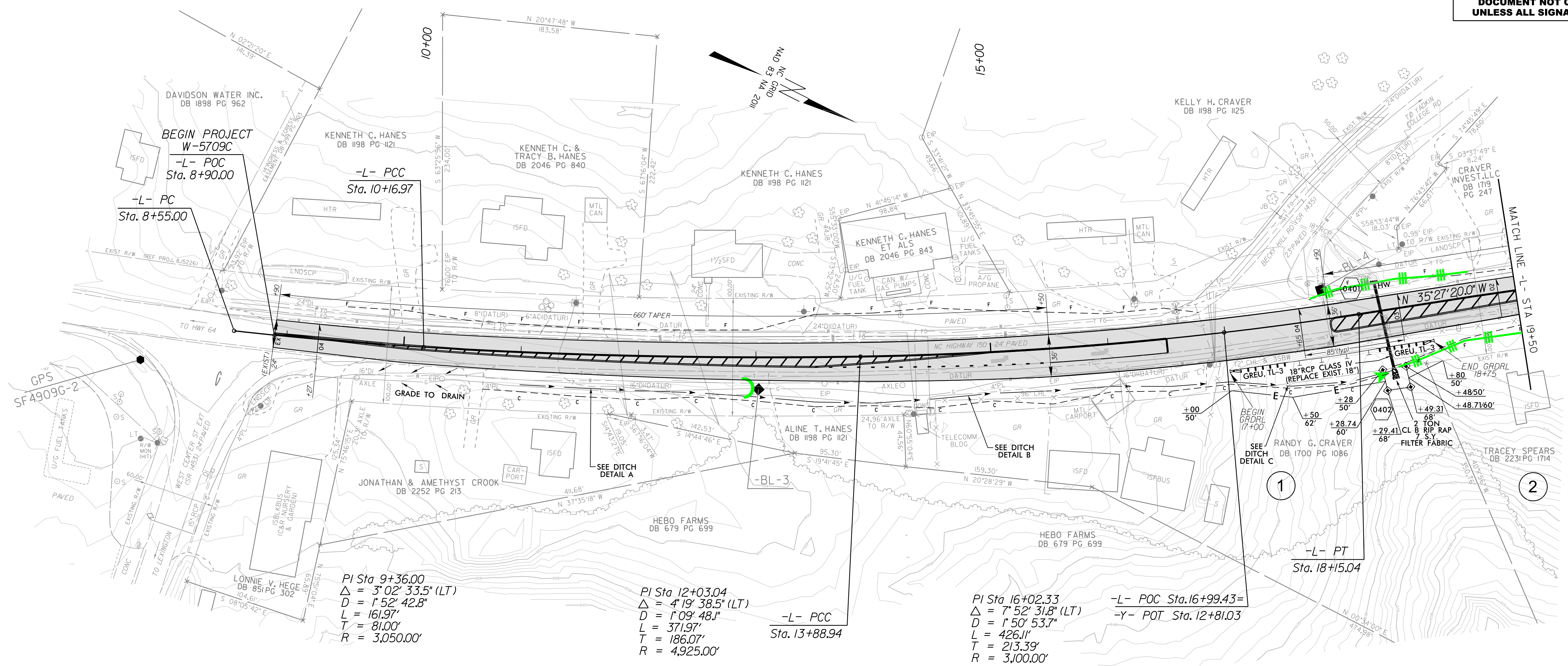
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO. <i>W-5709C</i>	SHEET NO. <i>EC-2</i>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SOIL STABILIZATION TIMEFRAMES

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

PROJECT REFERENCE NO. W-5709C	SHEET NO. EC-4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



BEGIN PROJECT
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-L- POC
Sta. 8+90.00
-L- PC
Sta. 8+55.00

-L- PCC
Sta. 10+16.97

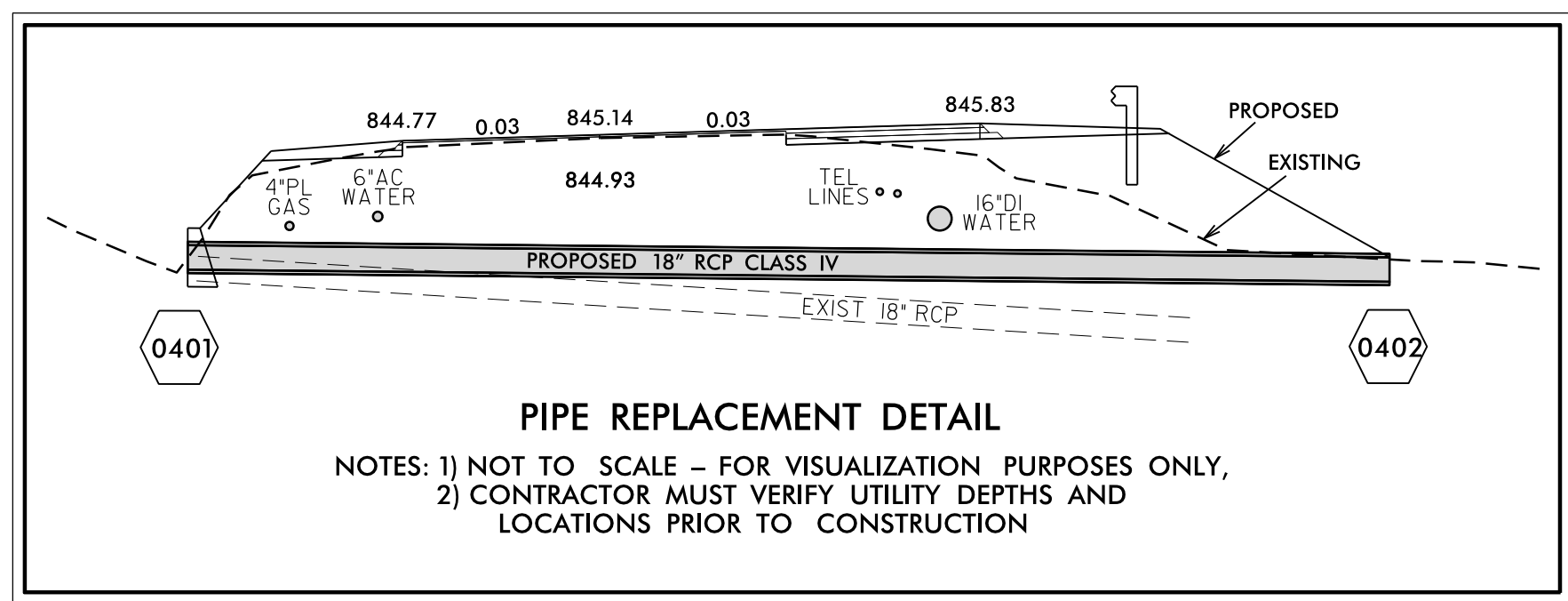
-L- PCC
Sta. 13+88.94

-L- POC Sta. 16+99.43=
-Y- POT Sta. 12+81.03

PI Sta 9+36.00
Δ = 3°02' 33.5" (LT)
D = 1' 52" 42.8"
L = 161.97'
T = 81.00'
R = 3,050.00'

PI Sta 12+03.04
Δ = 4°19' 38.5" (LT)
D = 1°09' 48.1"
L = 371.97'
T = 186.07'
R = 4,925.00'

PI Sta 16+02.33
Δ = 7°52' 31.8" (LT)
D = 1°50' 53.7"
L = 426.11'
T = 213.39'
R = 3,100.00'



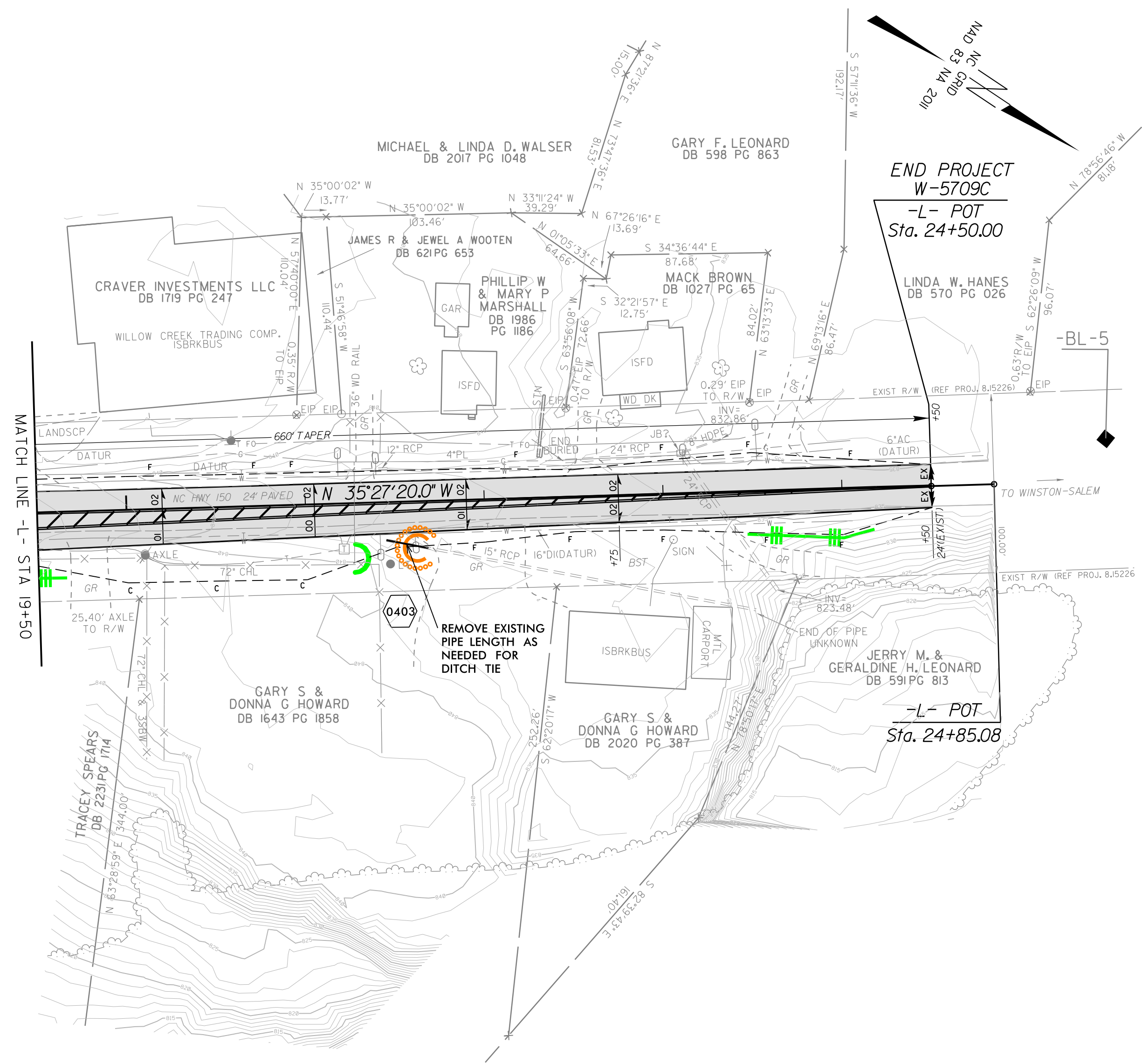
NOTE:
SEE SHEET 6 FOR
-L- PROFILE

REVISIONS

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 REVISIONS
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W-5709C	EC-5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
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NOTE:
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 -L- PROFILE

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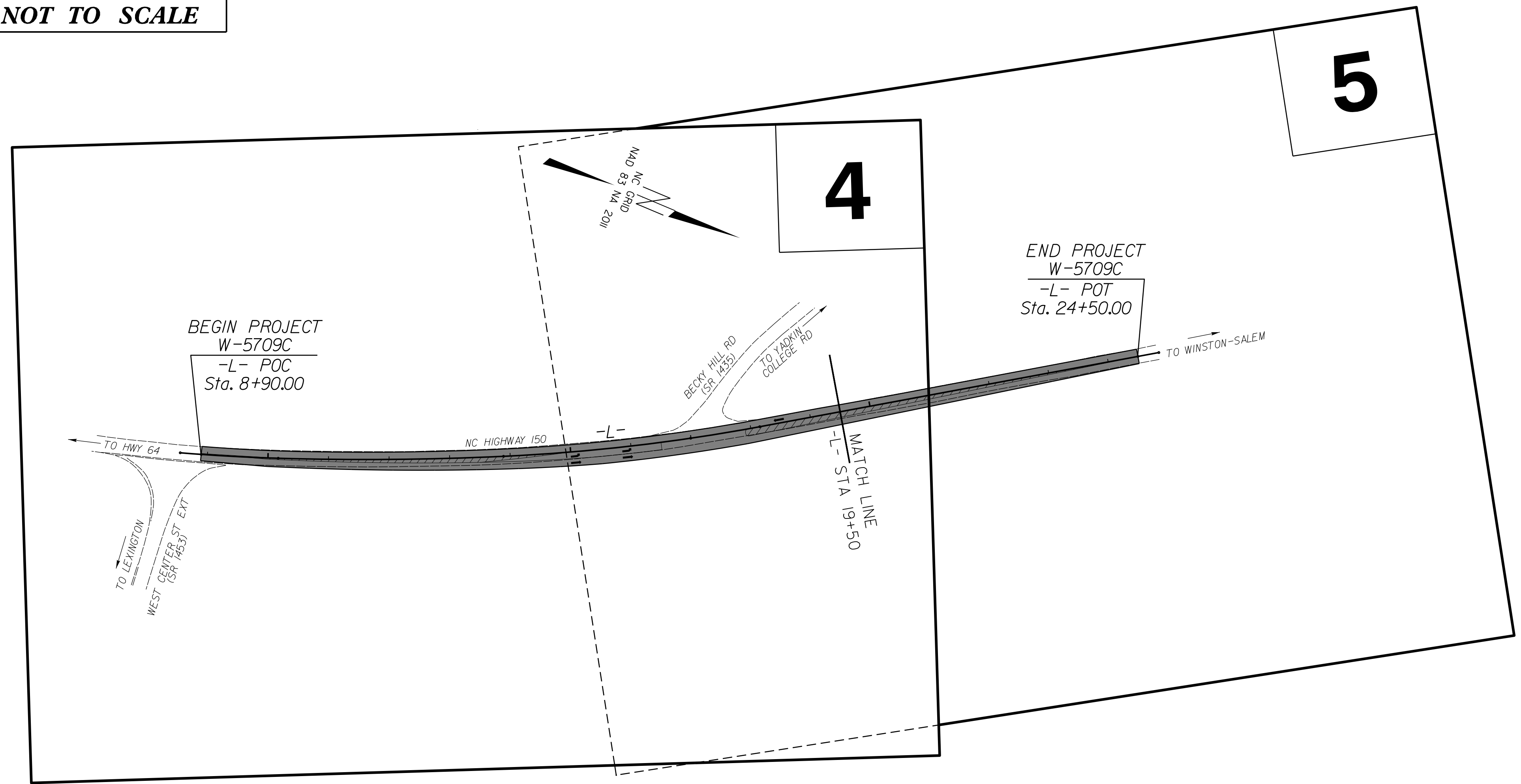
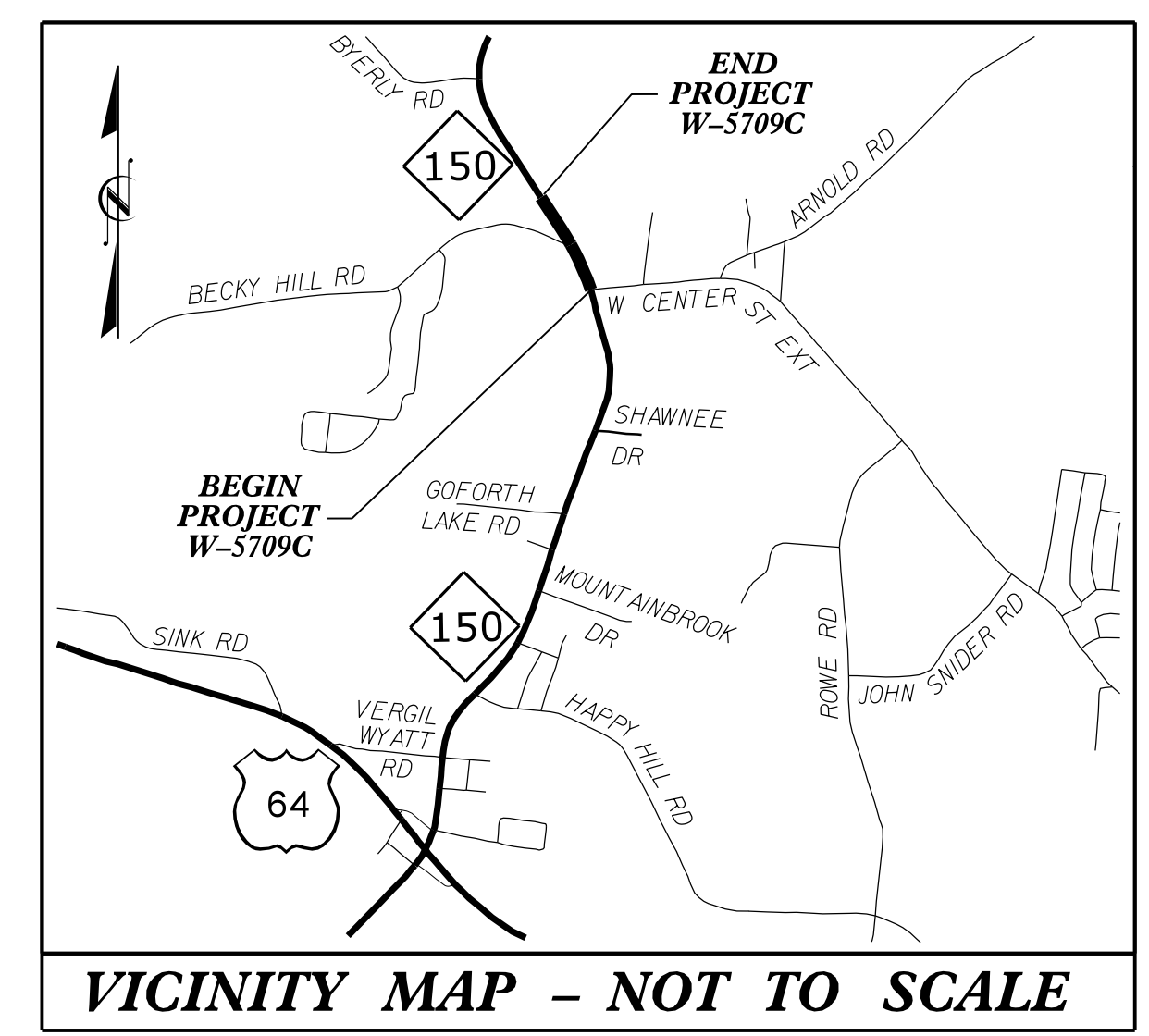
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**UTILITIES BY OTHERS PLANS
DAVIDSON COUNTY**

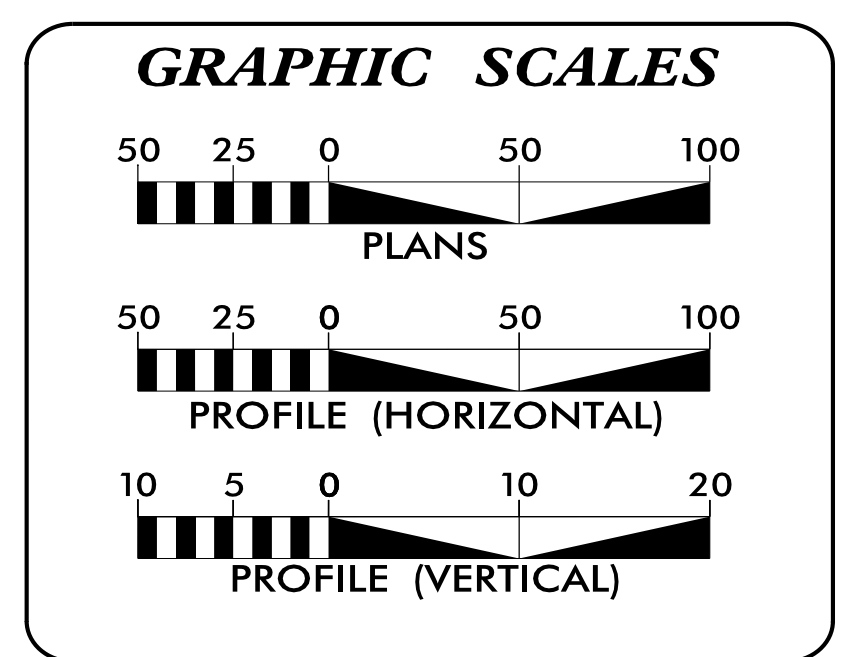
LOCATION: NC 150 AT SR 1435 (BECKY HILL ROAD)
TYPE OF WORK: GRADING, DRAINAGE AND WIDENING

T.I.P. NO.	SHEET NO.
W-5709C	UO-1

NOTE:
ALL UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.



PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION




INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
UO-1	TITLE SHEET
UO-4 THRU UO-5	UBO PLAN SHEETS

UTILITY OWNERS WITH CONFLICTS

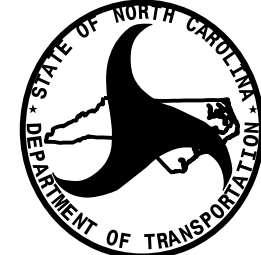
- (A) CITY OF LEXINGTON (POWER)
- (B) CITY OF LEXINGTON (GAS)
- (C) SURRY COMMUNICATIONS (COMMUNICATIONS)
- (D) DAVIDSON WATER (WATER)

PREPARED IN THE OFFICE OF:



DIVISION 9 DDC
PROJECT DEVELOPMENT UNIT
375 SILAS CREEK PARKWAY
WINSTON-SALEM, NC 27127

XXXX	UTILITY PROJECT MANAGER
XXXX	PROJECT UTILITY COORDINATOR
XXXX	PROJECT UTILITY XXXX



**DIVISION OF HIGHWAYS
UTILITIES UNIT**
1555 MAIL SERVICES CENTER
RALEIGH, NC 27699-1555
PHONE (919) 707-6690
FAX (919) 250-4151

XXXX	UTILITIES REGIONAL ENGINEER
DAVID TRANTHAM	UTILITIES ENGINEER
XXXX	UTILITIES AREA COORDINATOR
LYNN BASINGER	UTILITIES COORDINATOR

UTILITIES BY OTHERS

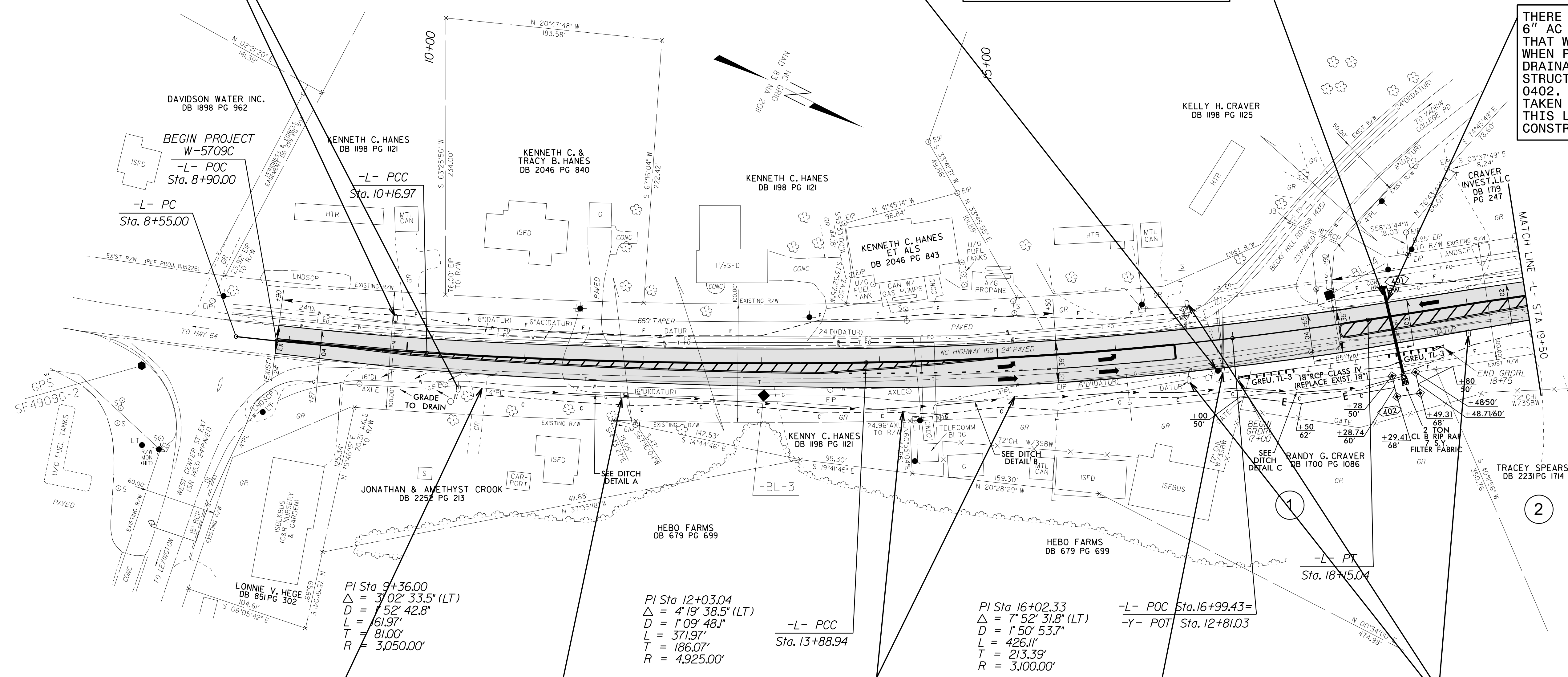
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

THERE IS AN EXISTING 6" AC WATER LINE THAT WILL BE EXPOSED WHEN PLACING STORM DRAINAGE BETWEEN STRUCTURES 0401 AND 0402. CARE IS TO BE TAKEN TO PROTECT THIS LINE DURING CONSTRUCTION.

THE PORTION OF GAS MAIN ON THE WEST SIDE OF NC-150, THAT CROSSES THE STORM DRAINAGE NEAR STRUCTURE 0401, SHALL BE ENCASED BY THE CITY PRIOR TO BACKFILLING THE STORM DRAIN WITH FLOWABLE FILL. THE CONTRACTOR SHALL GIVE THE CITY ADEQUATE NOTICE SO THAT THEY CAN ACCOMMODATE THIS WORK DURING CONSTRUCTION.

THE SECURITY LIGHT/SERVICE POLES IN CONFLICT ON THE EAST SIDE WILL BE MOVED TO NEW POLES SET ALONG THE EASTERN RIGHT-OF-WAY OF NC-150. THIS WORK WILL BE COMPLETE BY THE DATE OF AVAILABILITY.

ADJUST CONFLICTING WATER METERS AS NECESSARY



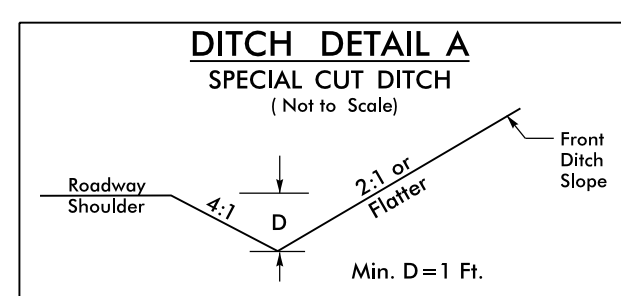
A PORTION OF THE 4" PLASTIC GAS MAIN, FROM APPROXIMATELY 10+50 RT TO 12+50 RT, WILL BE LOWERED IN PLACE SO THAT MINIMUM COVER IS MAINTAINED. THIS WORK WILL BE COMPLETED BY THE DATE OF AVAILABILITY.

CONFLICTING COMMUNICATIONS LINES WILL BE LOWERED, OR RELOCATED BEYOND GRADING LIMITS, AS NECESSARY. THIS WORK WILL BE COMPLETE BY THE DATE OF AVAILABILITY.

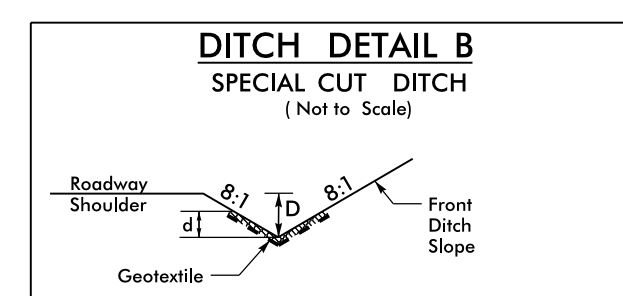
CONFLICTING PEDESTALS WILL BE RELOCATED BEYOND GRADING LIMITS OR TO THE RIGHT-OF-WAY LINE, AS NECESSARY. THIS WORK WILL BE COMPLETE BY THE DATE OF AVAILABILITY.

CONFLICTING PEDESTALS WILL BE RELOCATED BEYOND GRADING LIMITS OR TO THE RIGHT-OF-WAY LINE, AS NECESSARY. THIS WORK WILL BE COMPLETE BY THE DATE OF AVAILABILITY.

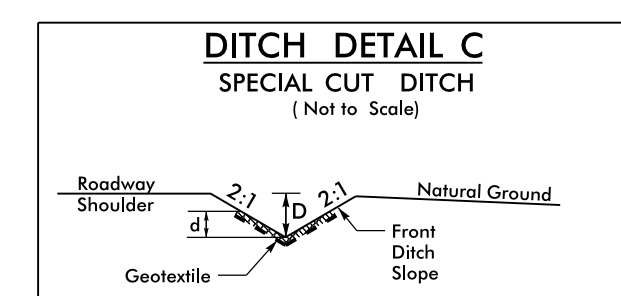
ADJUST CONFLICTING WATER METERS AS NECESSARY



-L- FROM STA. 10+65 RT TO STA. 13+10 RT



-L- FROM STA. 13+10 RT TO STA. 16+86 RT
EST. 106 TONS, EST. 335 SY GEO FAB, EST. 85 CY DDE



-L- FROM STA. 16+86 RT TO STA. 18+30 RT
EST. 41 TONS, EST. 64 SY GEO FAB, EST. 48 CY DDE

NOTE:
SEE SHEET 6 FOR
-L- PROFILE

5/14/99
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