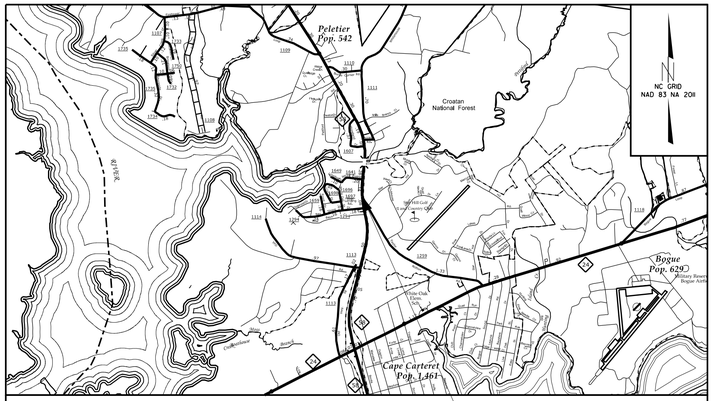
09/08/99

TIP PROJECT: HN-0041

CONTRACT: DB00645



VICINITY MAP TIP PROJECT HN-0041

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CARTERET COUNTY

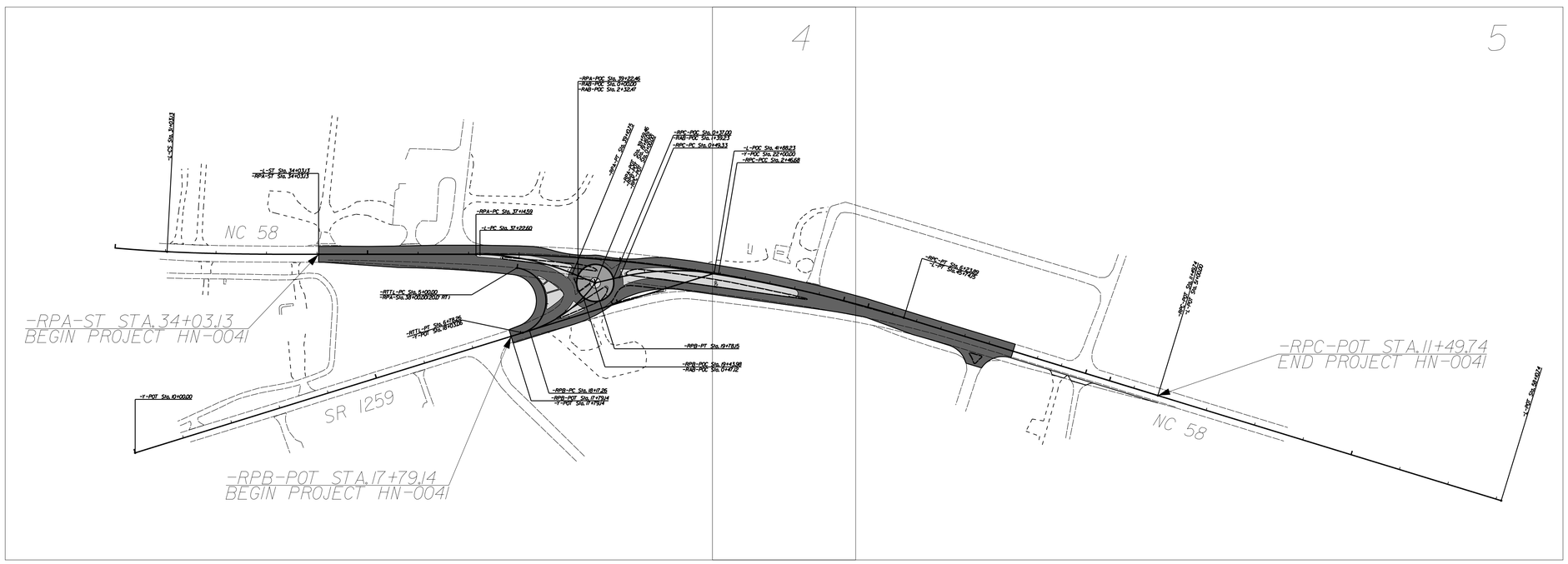
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HN-0041	1	72

STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
51840.1.1	5184001	PE
51840.2.1	5184001	ROW
51840.2.2	5184001	UTILITY
51840.3.1	5184001	CONST.

LOCATION: NC 58 AT SR 1259 (TAYLOR NOTION ROAD)
BETWEEN PELETIER AND CAPE CARTERET

TYPE OF WORK: GRADING, DRAINAGE AND PAVING
CONSTRUCTION OF SINGLE LANE ROUNDABOUT

NC GRID NAD 83 NA 2011



See Sheet 1A For Index of Sheets

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

10 5 0 10 20
PROFILE (VERTICAL)

DESIGN DATA

ADT 2023 = 13,000
ADT =
K = %
D = %
T = % *
V = 50 MPH
* TTST = DUAL
FUNC CLASS =
TIER

PROJECT LENGTH

TIP PROJECT HN-0041 LENGTH = 0.321 MI

Prepared In the Office of:
DIVISION OF HIGHWAYS
1037 WH SMITH BLVD., GREENVILLE, NC 27834

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JANUARY 2026

LETTING DATE:
SEPTEMBER 2026

HEATHER C. LANE, PE
PROJECT ENGINEER

RICH GODLEY
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE
DocuSigned by: Heather C. Lane A1154E9594D7468...
P.E. 07/21/2026
SIGNATURE:

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE
DocuSigned by: Heather C. Lane A1154E9594D7468...
P.E. 07/21/2026
SIGNATURE:

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

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rgodley

INDEX OF SHEETS

SHEET NUMBER	SHEET
1	TITLE SHEET
1A	INDEX OF SHEETS. GENERAL NOTES. AND STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
2A-1 THRU 2A-3	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
2B	MONOLITHIC CONC. ISLAND LAYOUT DETAIL
3B	EARTHWORK. DRAINAGE AND GUARDRAIL SUMMARIES
4 THRU 6	PLAN AND PROFILE SHEET
RW-1 THRU RW- 4	SURVEY CONTROL. EXISTING CENTERLINES. PROPOSED CENTERLINES. RIGHT OF WAY AND PROPERTY TIES
TMP-1 THRU TMP-9	TRAFFIC MANAGEMENT PLANS
PMP-1 THRU PMP-3	PAVEMENT MARKING PLANS
SIGN-1 THRU SIGN-5	SIGNING PLANS
EC-1 THRU EC-5A	EROSION CONTROL PLANS
UBO-1 THRU UBO-3	UTILITIES BY OTHERS PLANS
X-1A-1 THRU X-1A-2	CROSS-SECTION SUMMARY SHEET
X-1 THRU X-21	CROSS-SECTIONS

GENERAL NOTES:

2024 SPECIFICATIONS
EFFECTIVE: 01-16-2024
REVISED:

GRADE LINE:
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 II.

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 BRIGHTSPEED.

WEST CARTERET WATER CORPORATION. NCDOT.

CHARTER COMMUNICATIONS. CONTERRA ULTRA BROADBAND.

CARTERET CRAVEN ELECTRIC COOPERATIVE

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

RIGHT-OF-WAY MARKERS:

RIGHT-OF-WAY MARKERS ON THIS PROJECT SHALL BE PLACED BY OTHERS AND BY CONTRACT IN ACCORDANACE WITH THE DESIGNATED SYMBOLS.

EFF. 01-16-2024
REV.

2024 ROADWAY ENGLISH STANDARD DRAWINGS

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 2 - EARTHWORK	
200.02	Method of Clearing - Method II
225.02	Guide for Grading Subgrade - Secondary and Local
DIVISION 3 - PIPE CULVERTS	
300.01	Method of Pipe Installation
DIVISION 6 - ASPHALT BASES AND PAVEMENTS	
654.01	Pavement Repairs
DIVISION 8 - INCIDENTALS	
840.32	Brick Junction Box - 12" thru 66" Pipe
840.54	Manhole Frame and Cover
840.72	Pipe Collar
846.01	Concrete Curb. Gutter and Curb & Gutter
852.01	Concrete Islands
862.01	Guardrail Placement
862.02	Guardrail Installation

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9/10/2021

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	1B

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

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
- 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
- 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
- Geoenvironmental Boring
- Abandoned According to Utility Records — AATUR
- End of Information — E.O.I.

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	2A-1
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER
SEAL 042582 NORTH CAROLINA PROFESSIONAL ENGINEER HEATHER C. LANE 07/21/2026	SEAL 042582 NORTH CAROLINA PROFESSIONAL ENGINEER HEATHER C. LANE 07/21/2026

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

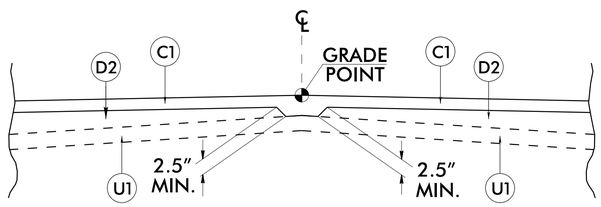
DRAWING NOT TO SCALE

PAVEMENT SCHEDULE

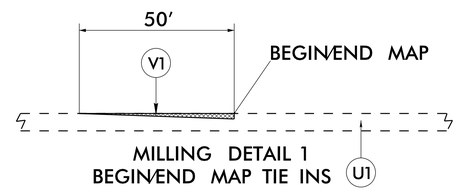
FINAL PAVEMENT DESIGN

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.	J1	PROP. 6" AGGREGATE BASE COURSE.	R3	4" CONCRETE ISLAND COVER
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. TO BE PLACED IN LAYERS NOT TO EXCEED 1½" IN DEPTH.	J2	PROP. 12" AGGREGATE BASE COURSE.	R4	5" MONOLITHIC CONCRETE ISLAND, SURFACE MOUNTED.
D1	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.	J3	PROP. 8" INCIDENTAL STONE BASE.	T1	EARTH MATERIAL.
D2	PROP. VAR. DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 2½" IN DEPTH OR GREATER THAN 4" IN DEPTH.	R1	1'-6" CONCRETE CURB AND GUTTER.	U1	EXISTING PAVEMENT.
E1	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.	R2	12" CONCRETE TRUCK APRON	V1	MILLING BITUMINOUS PAVEMENT. 0" TO 1.5" DEPTH.

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

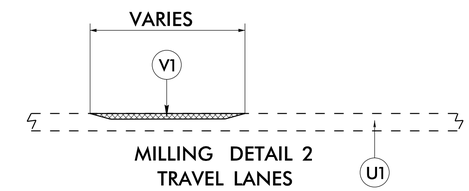


WEDGING DETAIL



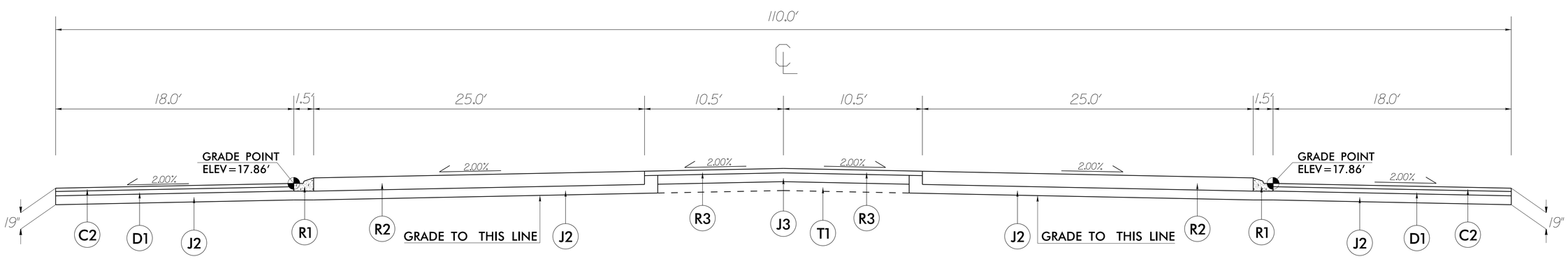
MILLING DETAIL 1
BEGIN/END MAP TIE INS

NOTE:
MILLING SHALL BE PREFORMED AT MAIN LINE TIE INS AND RAMP-LINE TIE INS OR AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL



MILLING DETAIL 2
TRAVEL LANES

NOTE:
MILLING SHALL BE PREFORMED TO ALLOW FOR A 1.5" FINAL SURFACE OVERLAY TO AVOID GRADE POINT ADJUSTMENTS OR AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL



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*SEE CROSS SECTIONS
*-RPA-STA.39+59.45
*-RPB-STA.19+81.01
*-RPC-STA.0+00.00

REVISIONS

8/17/99

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PROJECT REFERENCE NO.	SHEET NO.
HN-0041	2A-2
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LINE
DocuSigned by: Heather C. Line
07/21/2026

PAVEMENT DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LINE
DocuSigned by: Heather C. Line
07/21/2026

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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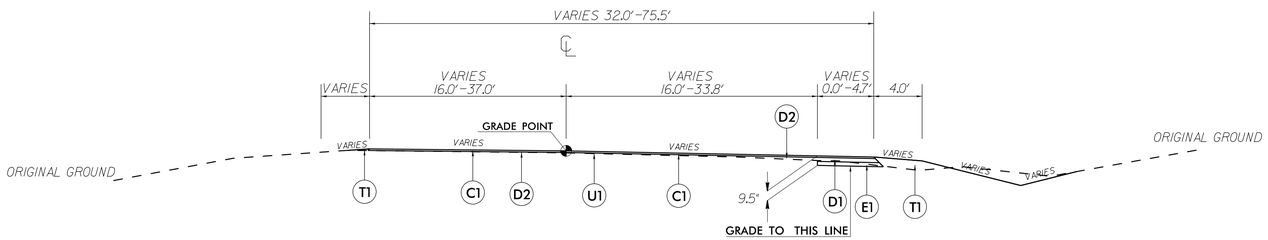
PAVEMENT SCHEDULE

FINAL PAVEMENT DESIGN

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.	J1	PROP. 6" AGGREGATE BASE COURSE.	R3	4" CONCRETE ISLAND COVER
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. TO BE PLACED IN LAYERS NOT TO EXCEED 1½" IN DEPTH.	J2	PROP. 12" AGGREGATE BASE COURSE.	R4	5" MONOLITHIC CONCRETE ISLAND, SURFACE MOUNTED.
D1	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.	J3	PROP. 8" INCIDENTAL STONE BASE.	T1	EARTH MATERIAL.
D2	PROP. VAR. DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 2½" IN DEPTH OR GREATER THAN 4" IN DEPTH.	R1	1'-6" CONCRETE CURB AND GUTTER.	U1	EXISTING PAVEMENT.
E1	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.	R2	12" CONCRETE TRUCK APRON	V1	MILLING BITUMINOUS PAVEMENT. 0" TO 1.5" DEPTH.

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



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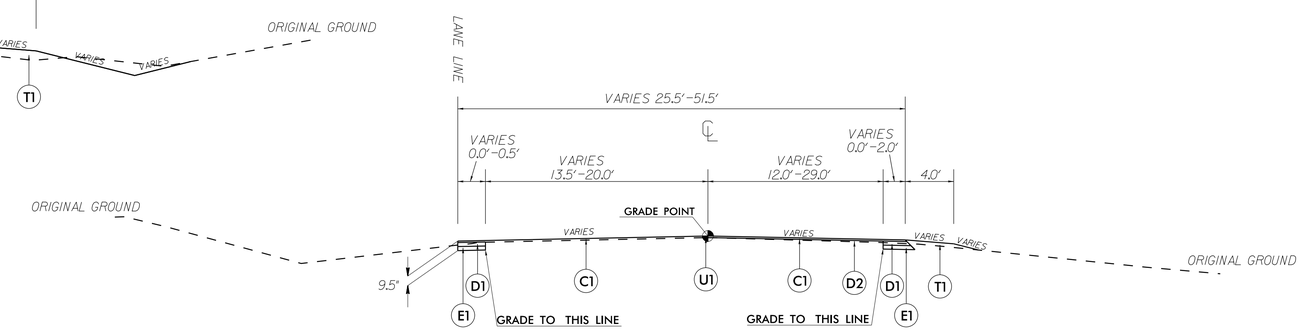

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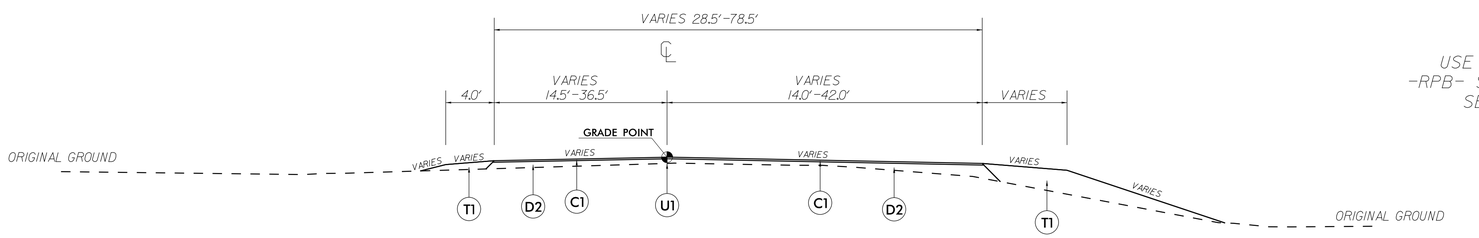

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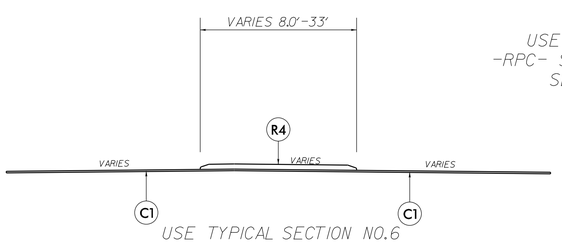

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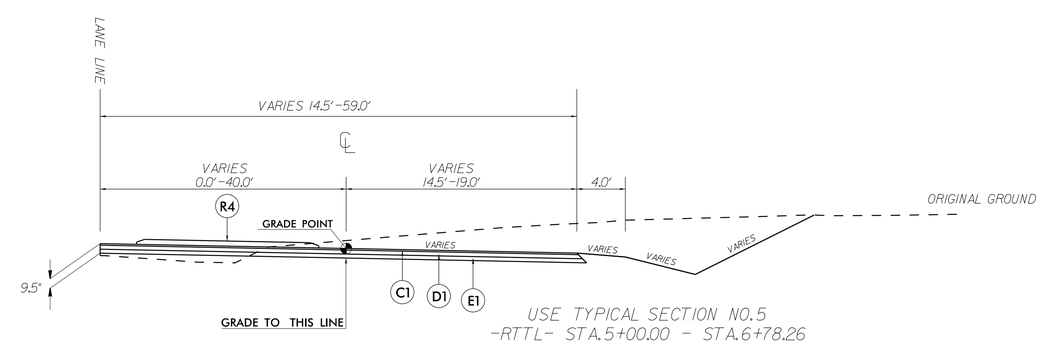
-RPB- STA.18+82.56 - STA.19+25.91
-RPC- STA.0+55.00 - STA.4+09.09
SEE CROSS SECTIONS
SEE PSH 2B FOR LAYOUT DETAILS



USE TYPICAL SECTION NO.5
-RTTL- STA.5+00.00 - STA.6+78.26
SEE CROSS SECTIONS

REVISIONS

8/17/99

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PROJECT REFERENCE NO.	SHEET NO.
HN-0041	2A-3
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE
Docusigned by: Heather C. Lane
07/21/2026

PAVEMENT DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE
Docusigned by: Heather C. Lane
07/21/2026

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PAVEMENT SCHEDULE

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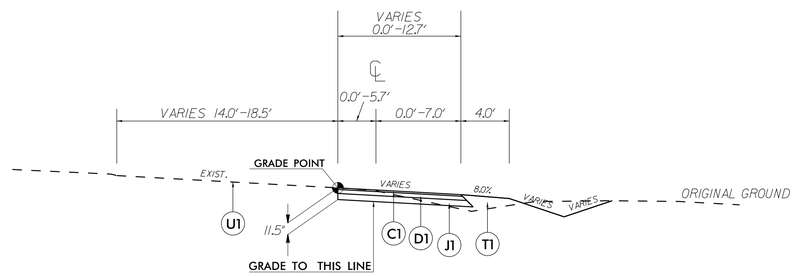
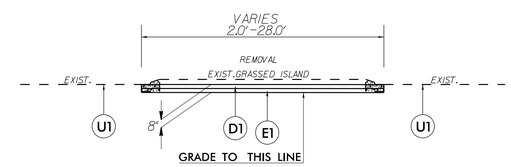
E1	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.	R2	12" CONCRETE TRUCK APRON	V1	MILLING BITUMINOUS PAVEMENT. 0" TO 1.5" DEPTH.

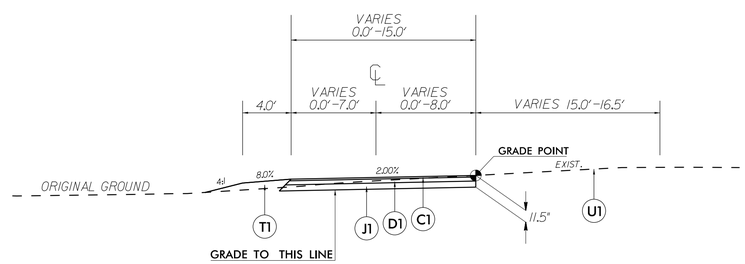
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



USE TYPICAL SECTION NO.7
TEMPORARY DETOUR THROUGH LANE
-DTR-NBLN- STA.5+00.00 - STA.10+75.00
SEE CROSS SECTIONS



USE TYPICAL SECTION NO.9
PATCHING EXISTING ASPHALT (FULL DEPTH)
-RPA- STA.37+63 - STA.39+05
-RPB- STA.18+75 - STA.19+25
-RPC- STA.0+61 - STA.44+30
SEE CROSS SECTIONS



USE TYPICAL SECTION NO.8
TEMPORARY DETOUR THROUGH LANE
-DTR-SBLN- STA.5+75.00 - STA.10+48.90
SEE CROSS SECTIONS

REVISIONS

8/17/99

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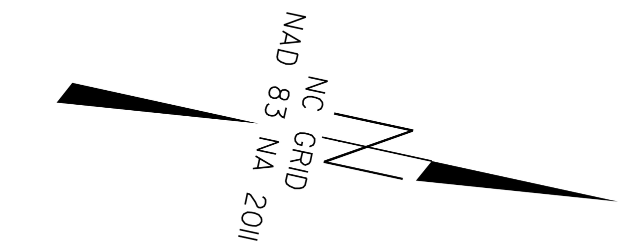
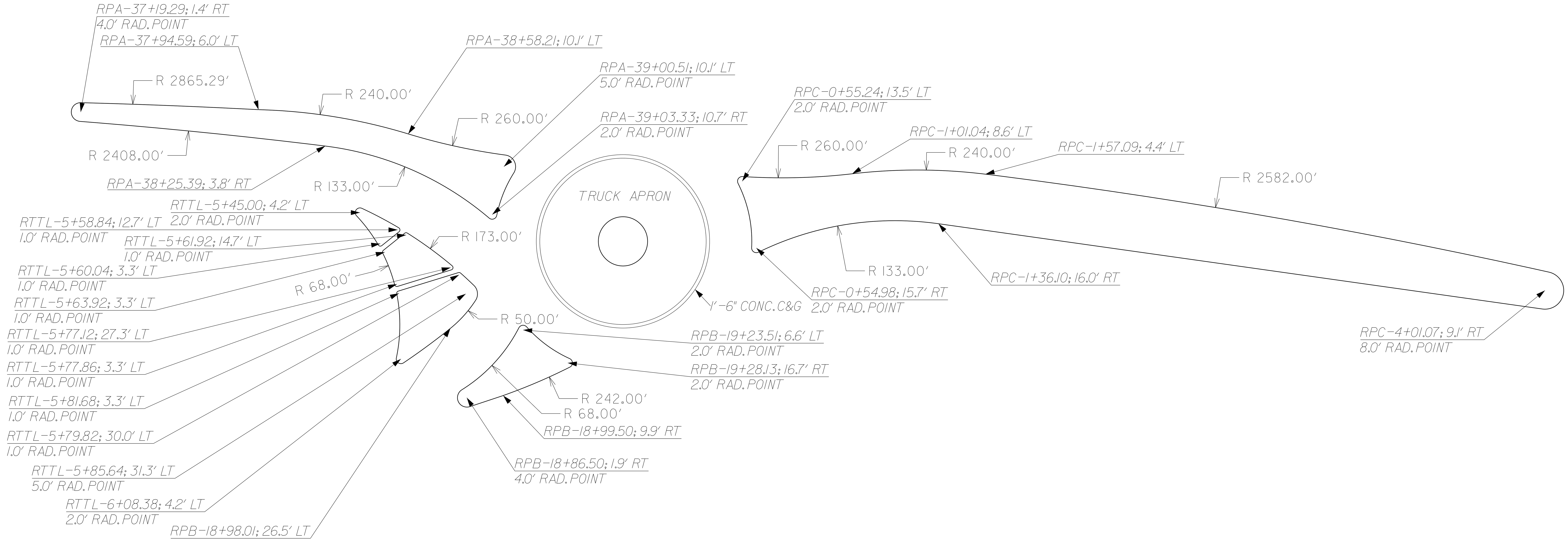
PROJECT REFERENCE NO.	SHEET NO.
HN-0041	2B

8/17/99

REVISIONS

CONCRETE ISLAND LAYOUT DETAIL





DRAWING NOT TO SCALE

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jgoodley

6/21/00

COMPUTED BY: RGG	DATE: 1/22/26 rev 4/7/26
CHECKED BY:	DATE:

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	3B

NOTE: Invert Elevations 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" & UNDER)

STATION	LOCATION (LT,RT, OR MEDIAN)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL
–RPA–36+20	RT	1			15.45'	15.43'	
–RPB–18+75	CL	2			13.20'	13.00'	
–RPB–18+91	CL						
–DRTNBLN–6+76	RT						
TOTAL							

STATION	DRAINAGE PIPE (RCP, CSP, CAAP, HDPE, or PVC) 12"	15"	18"	24"	30"	36"	42"	48"	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE
–RPA–36+20												
–RPB–18+75												
–RPB–18+91												
–DRTNBLN–6+76												
TOTAL												

STATION	C.S. PIPE 12" .064	15" .064	18" .064	24" .064	36" .079	42" .109	48" .109
–RPA–36+20							
–RPB–18+75							
–RPB–18+91							
–DRTNBLN–6+76							
TOTAL							

STATION	R.C. PIPE (CLASS III) 15"	18"	24"	30"	36"	42"	48"	R.C. PIPE (CLASS IV) 12"	15"	18"	24"	30"	36"	42"	48"
–RPA–36+20		8'													
–RPB–18+75										104'					
–RPB–18+91															
–DRTNBLN–6+76															
TOTAL		8'								104'					

STATION	**" R. C. PIPE (CLASS V)	**" R. C. PIPE CULVERTS, CONTRACTOR DESIGN PIPE	**" R. C. PIPE CULVERTS, CONTRACTOR DESIGN PIPE	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	ENDWALLS STD. 838.01, STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YDS. R.C.P.	C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES * TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') PER EACH (0' THRU 5.0')	LIN. *FT. A 5.0' THRU 10.0'	B 10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02
–RPA–36+20											
–RPB–18+75											
–RPB–18+91											
–DRTNBLN–6+76											
TOTAL											

STATION	FRAME, GRATES AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G		CONCRETE TRANSITIONAL SECTION CATCH BASIN	DROP INLET	G.D.I. FRAME WITH GRATE STD. 840.22	G.D.I. FRAME WITH TWO GRATES STD. 840.22	G.D.I. (N.S.) FRAME WITH GRATE STD. 840.24	G.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	J.B. STD. 840.31 OR 840.32	M.H FRAME & COVER STD. 840.54	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD 840.72	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	PIPE REMOVAL LIN.FT.	REMARKS
–RPA–36+20																	COLLAR AND EXTEND
–RPB–18+75																	
–RPB–18+91																72	REMOVE 18" RCP
–DRTNBLN–6+76																20	REMOVE DRIVEWAY
TOTAL																92	

ABBREVIATIONS

C.B.	CATCH BASIN
N.D.I.	NARROW DROP INLET
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
G.D.I. (N.S.)	GRATED DROP INLET (NARROW SLOT)
J.B.	JUNCTION BOX
M.H.	MANHOLE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX

SUMMARY OF EARTHWORK
IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNCLASSIFIED STR. EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
–RPA– STA. 34+03.13 – STA. 39+59.45	369			124		245
–RPB– STA. 17+79.14 – STA. 19+81.01	103			23		80
–RPC– STA. 0+00.00 – STA.11+49.73	230			294	64	
–RTTL– STA. 5+00.00 – STA. 6+75.00	390			39		351
–DTRSBLN– STA. 5+00.00 – STA. 10+48.90	129			82		47
–DTRNBLN– STA. 5+00.00 – STA. 10+75.00	190			41		149
CONTINGENCY			100			
SUB TOTAL	1411		100	603	64	872
SAY	1411		100	603	0	808

LUMP SUM EARTHWORK SUMMARY			
SECT.NO.	QUANTITY	UNIT	ITEM DESCRIPTION
200	1.0 AC	LS	CLEARING AND GRUBBING...ACRE(S)
500	1,600 SY	LS	FINE GRADING

PAVEMENT REMOVAL SUMMARY
IN SQUARE YARDS

LINE	STATION – STATION	LOCATION	REMOVAL (SY)
CIRCULAR ROADWAY	110' DIAMETER	CENTER	1,056.11
FINAL PHASE	–L– STA. 37+25 – STA. 41+70	LT	681.56
FINAL PHASE	–Y– STA.17+95 – –L– STA. 51+05	RT	1,602.38
TOTAL			3,340.05
SAY			3,341

GUARDRAIL SUMMARY

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH STRAIGHT	LENGTH SHOP CURVED	LENGTH DOUBLE FACED	WARRANT POINT APPROACH END	WARRANT POINT TRAILING END	"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH APPROACH END	FLARE LENGTH TRAILING END	W APPROACH END	W TRAILING END	ANCHORS TL–2	AT–1								IMPACT ATTENUATOR TYPE 350 NO.	PERMITTED G	PERMITTED NG				REMARKS
–DTRNBLN–	7+45	7+75	RT						2.0'	5.0'	37.5'		1.0'		1															
–DTRNBLN–	7+75	8+25	RT		50.0'				2.0'	5.0'																				742' RADIUS
–DTRNBLN–	8+25	8+31	RT				8+00		2.0'	5.0'		6'–3"				1														

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL.
TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.
FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.
W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL.
G = GATING IMPACT ATTENUATOR TYPE 350
NG = NON–GATING IMPACT ATTENUATOR TYPE 350

NOTE: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing and Removal of Existing Asphalt Pavement will be paid for at the contract Lump Sum price for "Grading".

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT.

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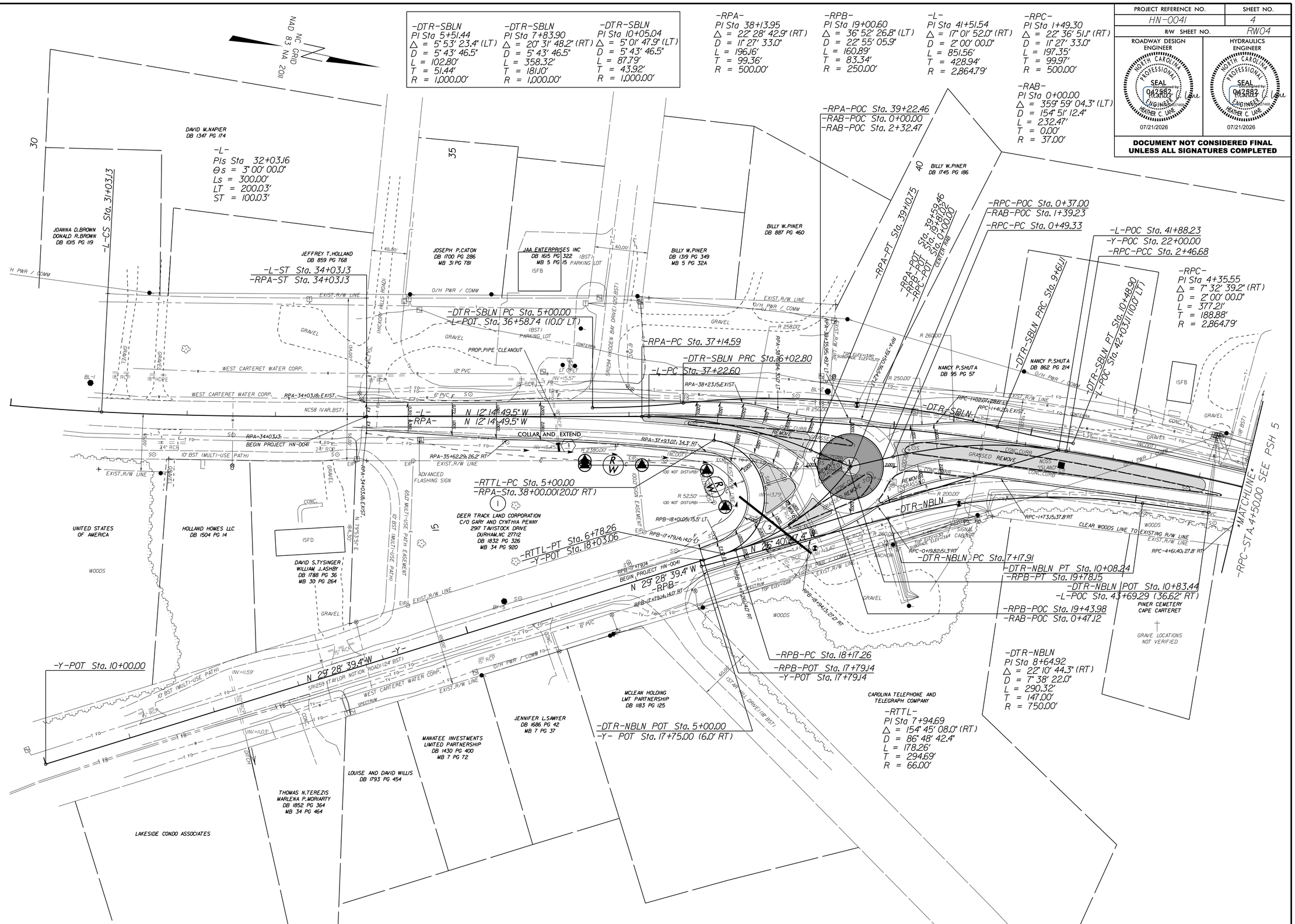
rgodley

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	4
R/W SHEET NO.	RW04

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. UNE
07/21/2026

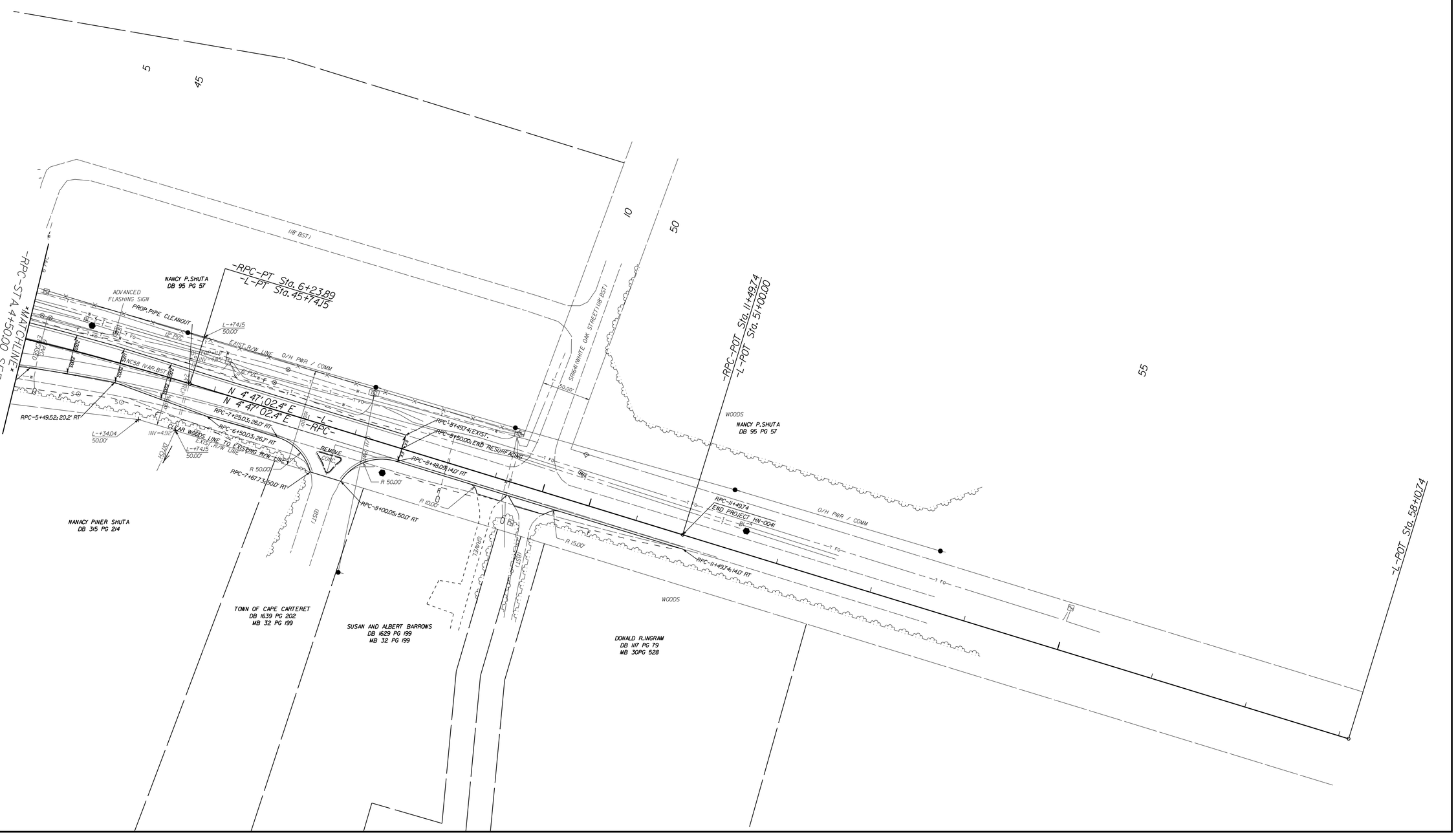
HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. UNE
07/21/2026

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PROJECT REFERENCE NO.	SHEET NO.
HN-0041	5
R/W SHEET NO.	N/A
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE 07/21/2026	NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE 07/21/2026

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



REVISIONS

8/17/99

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ggoodwin

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	6

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE

Digitally signed by Heather C. Lane

07/21/2026

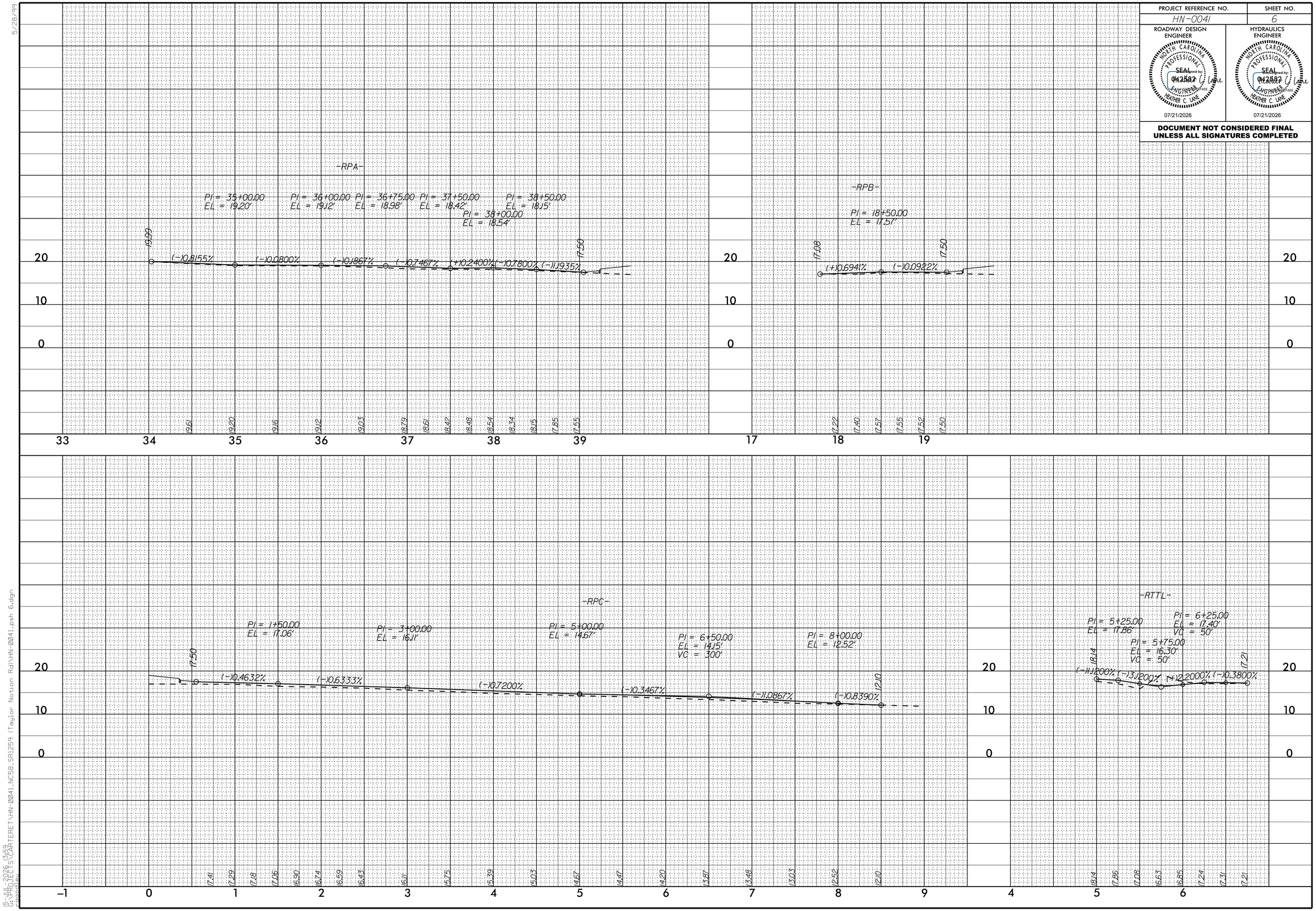
HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE

Digitally signed by Heather C. Lane

07/21/2026

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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cpoogler

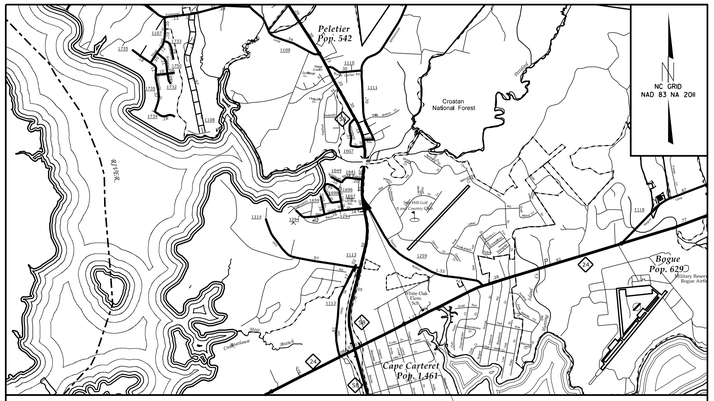
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HN-0041	RW01	7

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

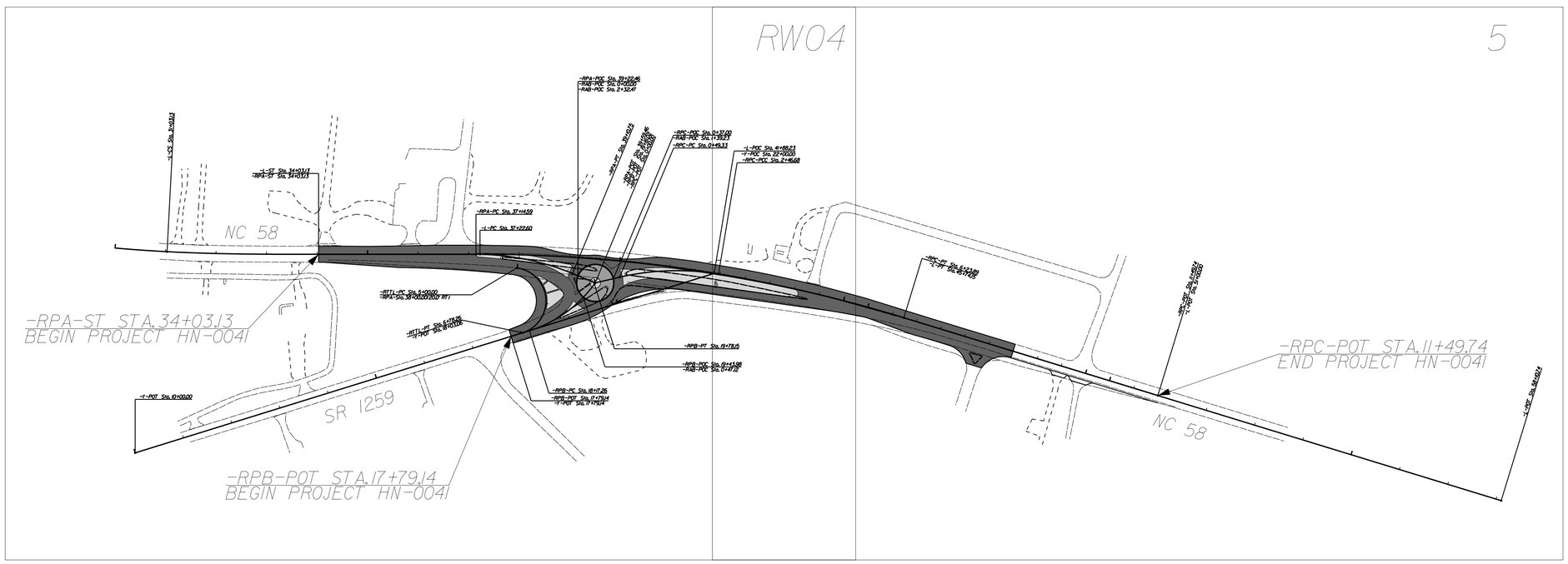
SURVEY CONTROL, EXISTING CENTERLINES, RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

CARTERET COUNTY

TIP PROJECT: HN-0041



VICINITY MAP TIP PROJECT HN-0041



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES

50 25 0 50 100

PLANS

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT
IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY
NCDOT FOR MONUMENT "-BL-2"
WITH NAD 83/NSRS 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 353,695.254(ft) EASTING: 2,580,506.862(ft)
ELEVATION: 15.906(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT
(GROUND TO GRID) IS: 0.999999237
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"-BL-2" TO -L- ST STATION 34+03.13 IS
S 15^ 21' 30" E 522.57(ft)
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:

DIVISION OF HIGHWAYS

1037 WH SMITH BLVD., GREENVILLE, NC 27834

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JANUARY 2026

LETTING DATE:
SEPTEMBER 2026

PROJECT PROFESSIONAL LAND SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5303 LAND SURVEYOR CASEY KENNETH WHITLEY

DocuSigned by: Casey Whitley
0A8B13E20902472...
07/21/2026

SIGNATURE: *Date:*

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

09/08/99

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rgoodley

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	RW02C-1

EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

NAD 83 NA 2011 NC GRID

-L-
PI Sta 41+51.54
△ = 17° 01' 52.0" (RT)
D = 2° 00' 00.0"
L = 851.56'
T = 428.94'
R = 2,864.79'

SEE SHEET RW02C-3 FOR FUTHER EXISTING ALIGNMENT DETAILS

-L-
PIs Sta 32+03.16
Θs = 3° 00' 00.0"
Ls = 300.00'
LT = 200.03'
ST = 100.03'

-L-CS Sta. 31+03.13

-L-ST Sta. 34+03.13

-L-PC Sta. 37+22.60

-L-POC Sta. 41+88.23
-Y-POC Sta. 22+00.00

-Y-POT Sta. 10+00.00

-RPC-STA 4+50.00 SEE PSH 5
MATCHLINE

N 12° 14' 49.5" W

N 29° 28' 39.4" W

NC58 (VAR.BST)

SR1259 (TAYLOR NOTION ROAD) (24' BST)

SR1294 (HIDDEN BAY DRIVE) (20' BST)

(HICKORY HILLS ROAD)

1ST AR HILL DRIVE (18' BST)

(18' BST)

10' BST (MULTI-USE PATH)

10' BST (MULTI-USE PATH)

10' BST (MULTI-USE PATH)

ISFB

(BST) PARKING LOT

(BST) PARKING LOT

ISFB

ISFD

GRAVEL

CONC.

CONC. CURB

GRASSED

NCGS *ISLAND*

BL-1

BL-2

BY-5

30

35

40

15

REVISIONS

8/17/99

I5-HN-2016 (3.58)
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SURVEY CONTROL SHEET

BL

POINT	DESC.	NORTH	EAST	ELEVATION	BL STATION	OFFSET
1	-BL-1	352877.9260	2580674.3390	20.57	5+00.00	0.00
2	-BL-2	353695.2540	2580506.8620	15.91	13+34.31	0.00
3	-BL-3	354240.0410	2580485.3650	13.15	14+81.60	0.00
4	-BL-4	354936.8810	2580548.6970	9.67	25+79.23	0.00

BY

POINT	DESC.	NORTH	EAST	ELEVATION	BY STATION	OFFSET
5	-BY-5	353387.8190	2580816.5720	15.92	5+00.00	0.00
2	-BL-2	353695.2540	2580506.8620	15.91	9+36.39	0.00

BENCHMARK

2575 ELEVATION = 16.05
N 353971 E 2580532
L STATION 41+94.00 17 RIGHT
NCGS "ISLAND"

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

8/17/99

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pgoodley

EXISTING ALIGNMENT CONTROL SHEET PRIOR TO CONSTRUCTION

L

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	350833.351	2580418.781											
LINE			N 14°41′29.3" E	756.20									
TS	351564.832	2580610.565											
SPIRAL			N 13°41′29.4" E	299.96						03°00′00.0"(LT)	300.00	200.03	100.03
SC	351856.272	2580681.565											
CURVE			N 01°13′19.9" E	1041.11	20°56′18.8"(LT)	02°00′00.0"	1046.93	529.37	2864.78				
CS	352897.145	2580703.771											
SPIRAL			N 11°14′49.6" W	299.96						03°00′00.0"(LT)	300.00	200.03	100.03
ST	353191.348	2580645.266											
LINE			N 12°14′49.5" W	319.46									
PC	353503.542	2580577.498											
CURVE			N 03°43′53.6" W	848.42	17°01′52.0"(RT)	02°00′00.0"	851.56	428.94	2864.79				
PT	354350.167	2580522.282											
LINE			N 04°47′02.4" E	1236.59									
POT	355582.446	2580625.413											

Y

POINT	N	E	BEARING	DIST
POT	352919.933	2581106.560		
LINE			N 29°28′39.4" W	1200.00
POC	353964.591	2580516.060		

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

8/17/99

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rgoodley

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	RW02D

PROPOSED ALIGNMENT CONTROL SHEET

RAB

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POC	353702.118	2580577.849							
CURVE			N 79°45′38.9" W	0.01	359°59′04.3"(LT)	154°51′12.4"	232.47	0.00	37.00
POC	353702.120	2580577.839							

RPA

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
ST	353191.348	2580645.266							
LINE			N 12°14′49.5" W	311.46					
PC	353495.718	2580579.197							
CURVE			N 01°00′28.1" W	194.91	22°28′42.9"(RT)	11°27′33.0"	196.16	99.36	500.00
PT	353690.595	2580575.769							
LINE			N 10°13′53.3" E	48.71					
POT	353738.529	2580584.421							

RPB

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	353598.212	2580723.158							
LINE			N 29°28′39.4" W	38.12					
PC	353631.395	2580704.401							
CURVE			N 47°54′52.8" W	158.13	36°52′26.8"(LT)	22°55′05.9"	160.89	83.34	250.00
PT	353737.381	2580587.044							
LINE			N 66°21′06.2" W	2.86					
POT	353738.529	2580584.421							

RPC

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	353738.529	2580584.421							
LINE			N 25°22′27.9" W	49.33					
PC	353783.100	2580563.281							
CURVE			N 14°04′02.3" W	196.07	22°36′51.1"(RT)	11°27′33.0"	197.35	99.97	500.00
PCC	353973.288	2580515.625							
CURVE			N 01°00′42.8" E	376.94	07°32′39.2"(RT)	02°00′00.0"	377.21	188.88	2864.79
PT	354350.167	2580522.282							
LINE			N 04°47′02.4" E	525.85					
POT	354874.184	2580566.137							

RTTL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	353581.183	2580588.266							
CURVE			N 72°54′41.8" E	128.81	154°45′08.0"(RT)	86°48′42.4"	178.26	294.69	66.00
PT	353619.033	2580711.389							

DTRNBLN

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	353597.560	2580730.419							
LINE			N 26°40′47.4" W	217.91					
PC	353792.273	2580632.574							
CURVE			N 15°35′25.3" W	288.51	22°10′44.3"(RT)	07°38′22.0"	290.32	147.00	750.00
PT	354070.171	2580555.034							
LINE			N 04°30′03.1" W	75.21					
POT	354145.146	2580549.132							

DTRSBLN

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	353439.022	2580581.271							
CURVE			N 15°11′31.2" W	102.75	05°53′23.4"(LT)	05°43′46.5"	102.80	51.44	1000.00
PCC	353538.183	2580554.344							
CURVE			N 07°52′18.9" W	356.40	20°31′48.2"(RT)	05°43′46.5"	358.32	181.10	1000.00
PCC	353891.228	2580505.532							
CURVE			N 00°07′18.7" W	87.76	05°01′47.9"(LT)	05°43′46.5"	87.79	43.92	1000.00
PT	353978.989	2580505.345							

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

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RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	RW03E

PROJECT PROFESSIONAL LAND SURVEYOR

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Casey Kenneth Whitley, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 10th day of April, 2026.

---------------------------- Professional Land Surveyor   L-5303 PLS #   Seal

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPA	36+50.00	50.00	353443.2061	2580641.7600
RPA	36+50.00	55.00	353444.2667	2580646.6462
RPA	37+14.59	55.00	353507.3853	2580632.9452
RPA	37+97.55	55.00	353580.5100	2580623.3265

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y	18+20.42	-50.00	353609.5447	2580659.3170

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

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PROJECT REFERENCE NO.	SHEET NO.
HN-0041	RW04
PLANSHEET SHEET NO.	4

PROJECT PROFESSIONAL LAND SURVEYOR

NORTH CAROLINA PROFESSIONAL LAND SURVEYOR SEAL L-5303 CASEY KENNETH WHITLEY

DocuSigned by: Casey Whitley

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Casey Kenneth Whitley, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, Property, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the property lines shown were compiled under my responsible charge from deeds and plats of record, and limited field surveys; that the existing property related markers as shown were field surveyed from existing survey control by others (see notes on control sheets); that the property lines compiled do not represent a boundary survey; that the parcels shown were compiled without the benefit of title reports and may be subject to or encumbered by easements, rights of way and other title matters not shown herein.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 10th day of April, 2026.

-RPA-
PI Sta 38+13.95
△ = 22° 28′ 42.9″ (RT)
D = 11° 27′ 33.0″
L = 196.16′
T = 99.36′
R = 500.00′

-RPB-
PI Sta 19+00.60
△ = 36° 52′ 26.8″ (LT)
D = 22° 55′ 05.9″
L = 160.89′
T = 83.34′
R = 250.00′

-L-
PI Sta 41+51.54
△ = 17° 01′ 52.0″ (RT)
D = 2° 00′ 00.0″
L = 851.56′
T = 428.94′
R = 2,864.79′

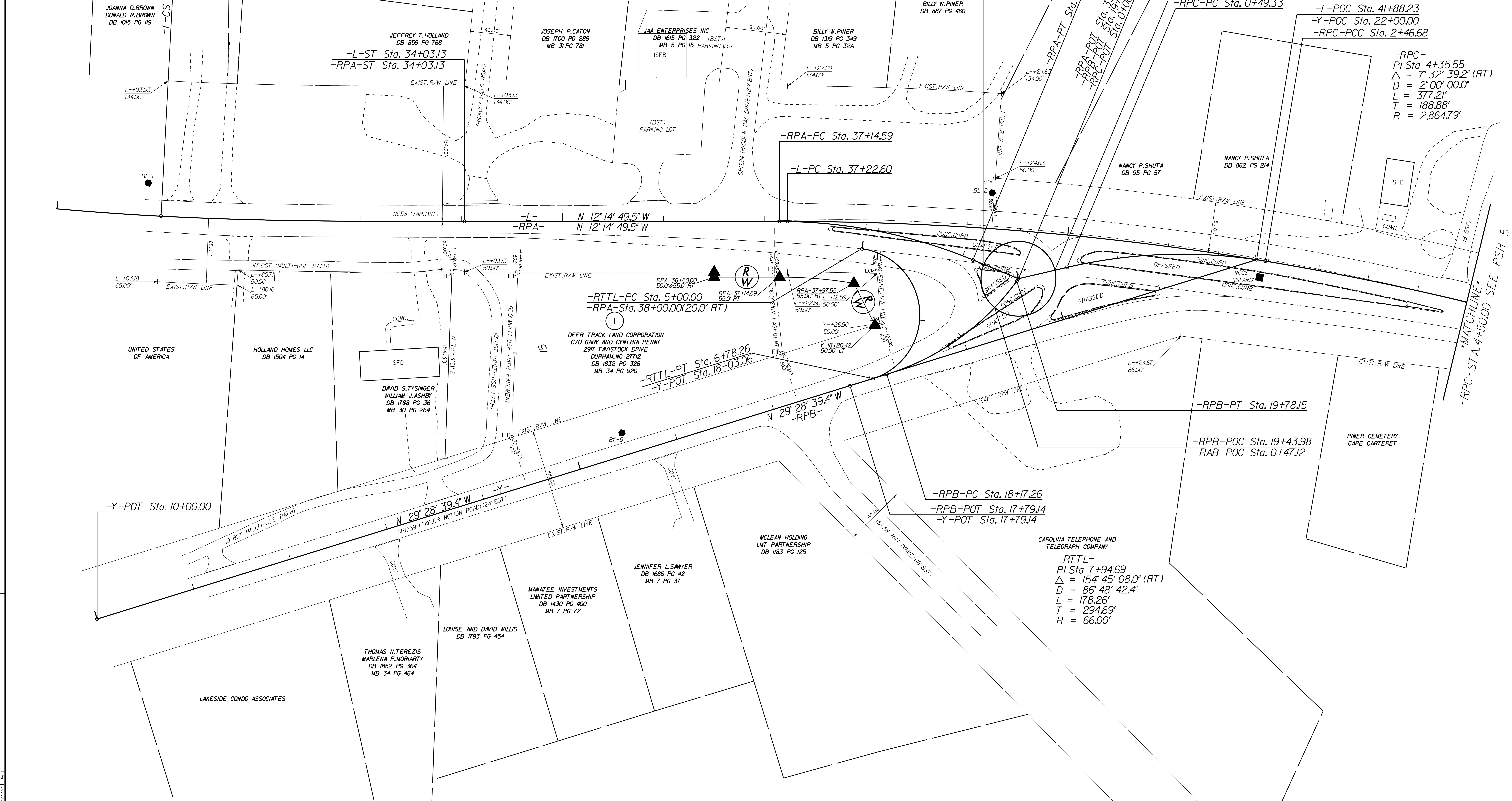
-RPC-
PI Sta 1+49.30
△ = 22° 36′ 51.1″ (RT)
D = 11° 27′ 33.0″
L = 197.35′
T = 99.97′
R = 500.00′

-RAB-
PI Sta 0+00.00
△ = 359° 59′ 04.3″ (LT)
D = 154° 51′ 12.4″
L = 232.47′
T = 0.00′
R = 37.00′

-L-
PIs Sta 32+03.16
Θs = 3° 00′ 00.0″
Ls = 300.00′
LT = 200.03′
ST = 100.03′

-RPC-
PI Sta 4+35.55
△ = 7° 32′ 39.2″ (RT)
D = 2° 00′ 00.0″
L = 377.21′
T = 188.88′
R = 2,864.79′

-RTTL-
PI Sta 7+94.69
△ = 154° 45′ 08.0″ (RT)
D = 86° 48′ 42.4″
L = 178.26′
T = 294.69′
R = 66.00′



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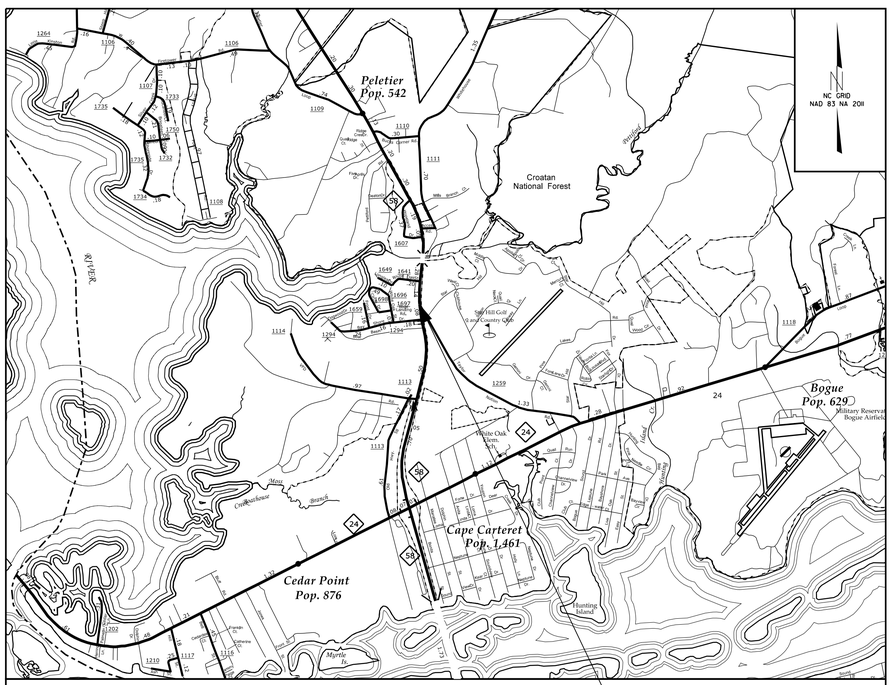
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

CARTERET COUNTY

LOCATION: NC 58 AT SR 1259 (TAYLOR NOTION ROAD)
BETWEEN PELETIER AND CAPE CARTERET



VICINTY MAP **PROJECT HN–0041**

INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-1B	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES, AND LOCAL NOTES)
TMP-3	TEMPORARY TRAFFIC CONTROL PHASING
TMP-3A	TEMPORARY TRAFFIC CONTROL OFF-SITE DETOUR
TMP-3B	TEMPORARY TRAFFIC CONTROL ON-SITE DETOUR
TMP-4 & TMP-5	TEMPORARY TRAFFIC CONTROL PHASE I DETAIL
TMP-6 & TMP-7	TEMPORARY TRAFFIC CONTROL PHASE II DETAIL
TMP-8 & TMP-9	TEMPORARY TRAFFIC CONTROL PHASE III DETAIL

SHEET NO.
TMP–1

HN–0041

TIP PROJECT:

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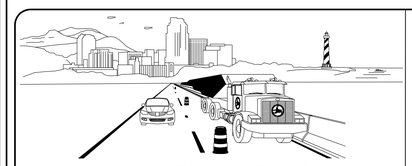

WORK ZONE SAFETY & MOBILITY
"from the MOUNTAINS to the COAST"

PLANS PREPARED BY:

RICH GODLEY
PROJECT DESIGN ENGINEER

NCDOT CONTACTS:

HEATHER C. LANE, PE
PROJECT ENGINEER

RICH GODLEY
PROJECT DESIGN ENGINEER

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

Prepared In the Office of:
DIVISION OF HIGHWAYS
1037 WH SMITH BLVD., GREENVILLE, NC 27834

APPROVED: DocuSigned by: Heather C. Lane A1154E9594D7468

DATE: 07/21/2026

SEAL NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE

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PROJ. REFERENCE NO.	SHEET NO.
HN-0041	TMP-1A

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - 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
1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	TRUCK MOUNTED ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY - DRUMS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - (PERMANENT AND TEMPORARY)
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

LEGEND

GENERAL

- DIRECTION OF TRAFFIC FLOW
- DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- EXIST. PVMT.
- NORTH ARROW
- PROPOSED PVMT.
- TEMP. SHORING (LOCATION PURPOSES ONLY)
- WORK AREA
- REMOVAL
- USER DEFINED (IF NEEDED)
- USER DEFINED (IF NEEDED)

SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY
- PORTABLE

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

TRAFFIC CONTROL DEVICES

- BARRICADE (TYPE III)
- CONE
- DRUM — SKINNY DRUM — TUBULAR MARKER
- TEMPORARY CRASH CUSHION (NON-GATING)
- FLASHING ARROW BOARD
- FLAGGER
- LAW ENFORCEMENT
- TRUCK MOUNTED ATTENUATOR (TMA)
- CHANGEABLE MESSAGE SIGN
- PORTABLE CONCRETE BARRIER (PCB)

TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

PAVEMENT MARKERS

- CRYSTAL/CRYSTAL
- CRYSTAL/RED
- YELLOW/YELLOW

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

APPROVED: DocuSigned by: Heather C. Lane A1154E9994D7468...

DATE: 07/21/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

ROADWAY STANDARD DRAWINGS & LEGEND

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PROJ. REFERENCE NO.	SHEET NO.
HN-0041	TMP-1B

GENERAL NOTES / LOCAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

SEE CONTRACT LANGUAGE FOR ANY TIME RESRICTIONS THAT APPLY TO THIS PROPOSED PROJECT.

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.

LANE AND SHOULDER CLOSURE REQUIREMENTS

A) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.

B) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

C) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 5 FT OF AN OPEN TRAVEL LANE ON AN UNDIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 10 FT OF AN OPEN TRAVEL LANE ON A DIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

D) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

E) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

F) USE SEQUENTIAL FLASHING WARNING LIGHTS ON DRUMS USED FOR THE MERGING TAPERS OF NIGHTTIME LANE CLOSURES IN ACCORDANCE WITH SECTION 1140 IN THE STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.

PAVEMENT EDGE DROP OFF REQUIREMENTS

G) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

H) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

I) NOTIFY THE ENGINEER THIRTY (30) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

J) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

K) SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.

L) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

M) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

N) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC BARRIER

O) INSTALL TEMPORARY BARRIER ACCORDING TO THE TRANSPORTATION MANAGEMENT PLANS A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION UNLESS OTHERWISE STATED IN THE TRANSPORTATION MANAGEMENT PLANS OR AS DIRECTED BY THE ENGINEER.

DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE.

ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION AND NO WORK IS PERFORMED BEHIND THE TEMPORARY BARRIER FOR A PERIOD LONGER THAN TWO (2) MONTHS, REMOVE / RESET TEMPORARY BARRIER AT NO COST TO THE DEPARTMENT UNLESS OTHERWISE STATED IN THE TRANSPORTATION MANAGEMENT PLANS, TEMPORARY BARRIER IS PROTECTING A HAZARD, OR AS DIRECTED BY THE ENGINEER.

INSTALL TEMPORARY BARRIER WITH THE TRAFFIC FLOW BEGINNING WITH THE UPSTREAM SIDE OF TRAFFIC. REMOVE TEMPORARY BARRIER AGAINST THE TRAFFIC FLOW BEGINNING WITH THE DOWNSTREAM SIDE OF TRAFFIC.

INSTALL AND SPACE DRUMS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH) TO CLOSE OR KEEP THE SECTION OF THE ROADWAY CLOSED UNTIL THE TEMPORARY BARRIER CAN BE PLACED OR AFTER THE TEMPORARY BARRIER IS REMOVED.

P) PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER AT ALL TIMES DURING THE INSTALLATION AND REMOVAL OF THE BARRIER BY EITHER A TRUCK MOUNTED ATTENUATOR (MAXIMUM 72 HOURS) OR A TEMPORARY CRASH CUSHION.

PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER FROM ONCOMING TRAFFIC AT ALL TIMES BY A TEMPORARY CRASH CUSHION UNLESS THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER IS OFFSET FROM ONCOMING TRAFFIC AS FOLLOWS OR AS SHOWN IN THE PLANS: (SEE ALSO 1101.05)

POSTED SPEED LIMIT	MINIMUM OFFSET
40 OR LESS	15 FT
45 - 50	20 FT
55	25 FT
60 MPH or HIGHER	30 FT

TRAFFIC CONTROL DEVICES

Q) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.

R) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

S) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

T) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

ROAD NAME	MARKING	MARKER
NC 58	PAINT	NONE

U) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.

V) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

W) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

X) TRACE THE MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS AT A 2.0' OFFSET .

MISCELLANEOUS

Y) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

LOCAL

Z) EMERGENCY VEHICLES ACCESS MUST BE MAINTAINED AT ALL TIMES.

AA) NOTIFY THE FIRE DEPARTMENTS, E.M.S., AND CARTERET COUNTY SCHOOL BOARD THIRTY (30) CALENDAR DAYS PRIOR TO START OF PROPOSED WORK.

BB) LOCAL ACCESS TO ALL RESIDENCES AND BUSINESSES WILL BE MAINTAINED BETWEEN CLOSURE POINTS AT ALL TIMES DURING CONSTRUCTION.

APPROVED: DocuSigned by: Heather C. Lane A1154E95940D7468...

DATE: 07/21/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

TRANSPORTATION OPERATIONS PLAN

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CONSTRUCTION NARRATIVE

THIS PROJECT CONSISTS OF CONVERTING A MULTI-LANE INTERSECTION INTO A SINGLE LANE ROUNDABOUT ON NC 58 AT SR 1259 (TAYLOR NOTION ROAD). THE PROCEDURE TO ACCOMPLISH THE CONSTRUCTION IS DESCRIBED BELOW:

TRAFFIC MANAGEMENT PROCEDURE: NC 58 NORTH BOUND AND SOUTH BOUND TRAFFIC SHALL BE MAINTAINED THROUGHTOUT THE PROJECT DURATION BY CONSTRUCTING ON-SITE TEMPORARY LANES FOR CONTINUOUS NORTH BOUND AND SOUTH BOUND TRAFFIC MOVEMENTS. ALL OTHER TRAFFIC MOVEMENTS WILL BE MAINTAINED THROUGHTOUT THE PROJECT DURATION BY A SIGNED OFF-SITE DETOUR ROUTE.

PROJECT PHASING

PHASE 1

STEP 1: USING ROADWAY STANDARD DRAWINGS NO. 1101.01, SHEET 3 OF 3. ERECT WORK ZONE ADVANCED WARNING SIGNS USING DETAIL DRAWINGS FOR WORK ZONE SIGNS

STEP 2: USING ROADWAY STANDARD DRAWINGS NO. 1101.02, SHEET 1 OF 19, AND FLAGGERS AS NECCESSARY, COMPLETE CLEARING AND GRUBBING, EARTHWORK AND STRUCTURE NO. 2 INSTALLATION. (SEE SHEET TMP-4 AND TMP 5).

STEP 3: PLACE OFFSITE DETOUR IN PLACE (SEE SHEET TMP-3A).

STEP 4: REQUEST DEPARTMENT TO DISCONTINUE SERVICE PROVIDED TO ADVANCED FLASHING SHOULDER MOUNTED SIGN SYSTEM 02-0511.

STEP 5: INSTALL EROSION CONTROL PER PLANS. (SEE EC SHEETS).

STEP 6: USING ROADWAY STANDARD DRAWINGS NO. 1101.02, SHEET 1 OF 19, AND FLAGGERS AS NECESSARY, COMPLETE CLEARING AND GRUBBING AND EARTHWORK. (SEE SHEET TMP-4 AND TMP 5).

STEP 7: USING ROADWAY STANDARD DRAWINGS NO. 1101.04, SHEET 1 OF 2, AND FLAGGERS AS NECESSARY, PLACE ALL ABC STONE, I19.0C AND S9.5C FOR ON-SITE TEMPORARY LANES (-DTR-NBLN AND -DTR-SBLN). (SEE SHEET TMP-4).

STEP 8: INSTALL TEMPORARY GUARDRAIL. SEE SHEET TMP-4).

STEP 9: INSTALL TEMPORARY PAVEMENT MARKING LINES ON (-DTR-NBLN AND -DTR-SBLN). WITH A 12.0 FOOT PAINTED LANE WIDTH.

PHASE 2

STEP 1: USING ROADWAY STANDARD DRAWINGS NO. 1101.03, SHEET 1 OF 9, AND FLAGGERS AS NECESSARY, INSTALL TEMPORARY PORTABLE CONCRETE BARRIERS AND PLACE TRAFFIC INTO ON-SITE TEMPORARY LANES (-DTR-NBLN AND -DTR-SBLN). (SEE SHEET TMP-6 AND TMP-7).

STEP 2: REMOVE EXISTING GRASSED ISLANDS AND CONC. ISLAND AND REPAIR ASPHALT WITH B25.0C AND I19.0C FLUSH WITH EXISTING EDGE AND ELEVATION. (SEE SHEET TMP-6 AND TMP-7).

STEP 3: COMPLETE CLEARING AND GRUBBING AND EARTHWORK , REMOVE EXISTING ASPHALT. PLACE ABC STONE, CONSTRUCT 1'-6" CURB AND GUTTER, CONCRETE TRUCK APRON AND ISLAND COVER. INSTALL STRUCTURE NO. 1. (SEE SHEET TMP-6).

STEP 4: CONSTRUCT -RTTL- WITH B25.0C, I19.0C UP TO EXISTING EDGE AND ELEVATION. (SEE SHEET TMP-6).

PROJECT PHASING CONT.

PHASE 3

STEP 1: USING ROADWAY STANDARD DRAWINGS NO. 1101.03, SHEET 1 OF 9, AND FLAGGERS AS NECESSARY, PLACE FINAL I19.0C AND S9.5C ON ENTIRE PROJECT LIMITS. (SEE SHEET TMP-8 AND TMP-9).

STEP 2. USING ROADWAY STANDARD DRAWINGS NO. 1101.03, SHEET 1 OF 9, AND FLAGGERS AS NECESSARY,CONSTRUCT CONCRETE MONOLITHIC ISLANDS. (SEE SHEET 2-B).

STEP 3: USING ROADWAY STANDARD DRAWINGS NO. 1101.03, SHEET 1 OF 9, AND FLAGGERS AS NECESSARY,INSTALL FINAL PAVEMENT MARKING LINES AND MARKERS. (SEE PMP SHEETS).

STEP 4: MOVE AND RESET PORTABLE CONCRETE BARRIERS AS NECCESSARY TO COMPLETE STEPS 1-3. PLACE TRAFFIC INTO FINAL PATTERN.

STEP 5: REMOVE OFF-SITE DETOUR, REMOVE PORTABLE CONCRETE BARRIERS.

PHASE 4

USING ROADWAY STANDARD DRAWINGS NO. 1101.02, SHEET 18 OF 19, AND ROADWAY STANDARD DRAWINGS NO. 1101.04, SHEET 1 OF 2, AND FLAGGERS AS NECESSARY, REMOVE ASPHALT (AS SHOWN ON SHEETS PMP-2 AND PMP-3). REMOVE GUARDRAIL (AS SHOWN DURING PHASE 1, STEP 7). COMPLETE EARTHWORK AND SEEDING AND MULCHING.

APPROVED: DocuSigned by: Heather C. Lane A1154E9594D7468...

DATE: 07/21/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE

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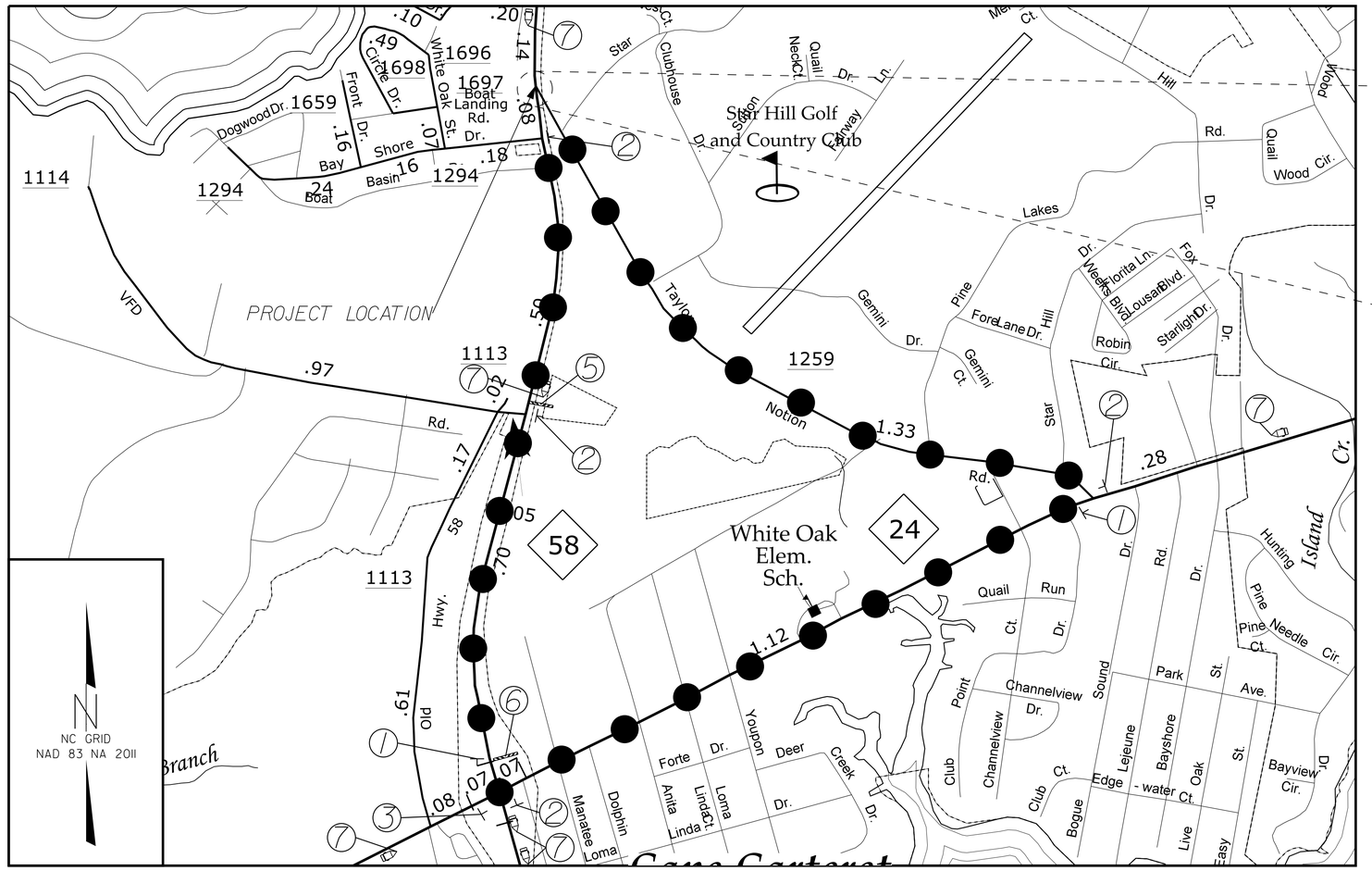
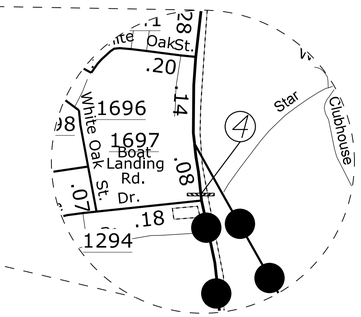
DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

PHASING

15-JUL-2026 13:59
G:\PROJECTS\CARTERET\HN-0041_NC58_SR1259 (Taylor Notion Rd)\HN-0041_psh tmp 3.dgn
rggodley

PROJ. REFERENCE NO.	SHEET NO.
HN-0041	TMP-3A





DETOUR M4-8 24" X 12"
TAYLOR NOTION ROAD M4-1 VAR X 12"
NORTH M3-1 24" X 12"
58 M1-5
M6-1 L 21" X 15"

1

DETOUR M4-8 24" X 12"
NORTH M3-1 24" X 12"
58 M1-5
M6-1 21" X 15"

2

DETOUR M4-8 24" X 12"
NORTH M3-1 24" X 12"
58 M1-5
M6-3 21" X 15"

3

DETOUR ROUTE

OFF SITE DETOUR ROUTE
EXISTING INTERSECTION OF
NC 58 AT SR 1259 (TAYLOR NOTION ROAD)
CLOSED TO TRAFFIC

NC 58 SOUTH BOUND THROUGH TRAFFIC, OPEN WITH ONSITE TEMPORARY SOUTH BOUND LANE
SR 1259 NORTH BOUND THROUGH TRAFFIC, OPEN WITH ONSITE TEMPORARY NORTH BOUND LANE

R11-2
48" x 30"
ROAD CLOSED
TYPE III BARRICADE

4

R11-3
60" x 30"
ROAD CLOSED
0.50 MILES AHEAD
LOCAL TRAFFIC ONLY
TYPE III BARRICADE

5

R11-4
60" x 30"
ROAD CLOSED TO THRU TRAFFIC
DETOUR
M4-10R
48" x 18"
TYPE III BARRICADE

6

MESSAGE NO. 1	MESSAGE NO. 2
ROAD WORK AHEAD	FOLLOW POSTED DETOUR

CHANGEABLE MESSAGE SIGN

7

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DATE: 07/21/2026
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE

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TEMPORARY OFF SITE DETOUR PLAN

15-JUL-2026 14:00
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rgadley

PROJ. REFERENCE NO.	SHEET NO.
HN-0041	TMP-3B

-DTR-SBLN
PI Sta 5+51.44
△ = 5° 53' 23.4" (LT)
D = 5° 43' 46.5"
L = 102.80'
T = 51.44'
R = 1,000.00'

-DTR-SBLN
PI Sta 7+83.90
△ = 20° 31' 48.2" (RT)
D = 5° 43' 46.5"
L = 358.32'
T = 181.10'
R = 1,000.00'

-DTR-SBLN
PI Sta 10+05.04
△ = 5° 01' 47.9" (LT)
D = 5° 43' 46.5"
L = 87.79'
T = 43.92'
R = 1,000.00'

-L-
PI Sta 41+51.54
△ = 17° 01' 52.0" (RT)
D = 2° 00' 00.0"
L = 851.56'
T = 428.94'
R = 2,864.79'

NAD 83 NC GRID NA 2011

-L-
PIs Sta 32+03.16
Θs = 3° 00' 00.0"
Ls = 300.00'
LT = 200.03'
ST = 100.03'

-L-CS Sta. 31+03.13

-L-ST Sta. 34+03.13

-DTR-SBLN PC Sta. 5+00.00
-L-POT Sta. 36+58.74 (10.0' LT)

-DTR-SBLN PRC Sta. 6+02.80
-L-POC Sta. 37+22.60

-DTR-SBLN PRC Sta. 9+61.11

-DTR-SBLN PT Sta. 10+48.90
-L-POC Sta. 42+03.11 (10.0' LT)

-L-POC Sta. 41+88.23
-Y-POC Sta. 22+00.00

-L- N 12° 14' 49.5" W

DTR-SBLN

-DTR-NBLN

N 26° 40' 47.4" W

REMOVE

-DTR-NBLN PC Sta. 7+17.91
-DTR-NBLN PT Sta. 10+08.24

-DTR-NBLN POT Sta. 10+83.44
-L-POC Sta. 43+69.29 (36.62' RT)

-DTR-NBLN
PI Sta 8+64.92
△ = 22° 10' 44.3" (RT)
D = 7° 38' 22.0"
L = 290.32'
T = 147.00'
R = 750.00'

-Y-POT Sta. 10+00.00

N 29° 28' 39.4" W

-Y-

-Y-POT Sta. 17+79.14

-DTR-NBLN POT Sta. 5+00.00
-Y- POT Sta. 17+75.00 (6.0' RT)

DAVID W.NAPIER DB 1347 PG 174
JOANNA O.BROWN DONALD R.BROWN DB 1015 PG 119
JEFFREY T.HOLLAND DB 859 PG 768
JOSEPH P.CATON DB 1700 PG 286 MB 31 PG 781
JAA ENTERPRISES INC DB 1615 PG 322 MB 5 PG 15
BILLY W.PINER DB 887 PG 460
BILLY W.PINER DB 1319 PG 349 MB 5 PG 32A
BILLY W.PINER DB 1745 PG 186
NANCY P.SHUTA DB 95 PG 57
NANCY P.SHUTA DB 862 PG 214
UNITED STATES OF AMERICA
HOLLAND HOMES LLC DB 1504 PG 14
DAVID S.TYSINGER WILLIAM J.ASHBY DB 1788 PG 36 MB 30 PG 264
DEER TRACK LAND CORPORATION C/O GARY AND CYNTHIA PENNY 2917 TAVISTOCK DRIVE DURHAM,NC 27712 DB 1832 PG 326 MB 34 PG 920
MCLEAN HOLDING LMT PARTNERSHIP DB 1183 PG 125
JENNIFER L.SAWYER DB 1686 PG 42 MB 7 PG 37
MANATEE INVESTMENTS LIMITED PARTNERSHIP DB 1430 PG 400 MB 7 PG 72
LOUISE AND DAVID WILLIS DB 1793 PG 454
THOMAS N.TEREZIS MARLENA P.MORIARTY DB 1852 PG 354 MB 34 PG 464
LAKESIDE CONDO ASSOCIATES
CAROLINA TELEPHONE AND TELEGRAPH COMPANY
PINER CEMETERY CAPE CARTERET
GRAVE LOCATIONS NOT VERIFIED

APPROVED: DocuSigned by: Heather L. Lane A115AE959AD7468...

DATE: 07/21/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

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TEMPORARY ON SITE DETOUR PLAN

15-JUL-2026 14:00
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rggodley

PROJ. REFERENCE NO.	SHEET NO.
HN-0041	TMP-4

-DTR-SBLN
PI Sta 5+51.44
△ = 5° 53' 23.4" (LT)
D = 5° 43' 46.5"
L = 102.80'
T = 51.44'
R = 1,000.00'

-DTR-SBLN
PI Sta 7+83.90
△ = 20° 31' 48.2" (RT)
D = 5° 43' 46.5"
L = 358.32'
T = 181.10'
R = 1,000.00'

-DTR-SBLN
PI Sta 10+05.04
△ = 5° 01' 47.9" (LT)
D = 5° 43' 46.5"
L = 87.79'
T = 43.92'
R = 1,000.00'

CLEARING AND GRUBBING, EARTHWORK

ABC, 119.0C, S9.5C

NAD 83 NC GRID NA 2011

DAVID W. NAPIER
DB 1347 PG 174

JOANNA D. BROWN
DONALD R. BROWN
DB 1015 PG 119

JEFFREY T. HOLLAND
DB 859 PG 768

JOSEPH P. CATON
DB 1700 PG 286
MB 31 PG 781

JAA ENTERPRISES INC
DB 1615 PG 322 (BST)
MB 5 PG 15 PARKING LOT

BILLY W. PINER
DB 1319 PG 349
MB 5 PG 32A

BILLY W. PINER
DB 887 PG 460

BILLY W. PINER
DB 1745 PG 186

NANCY P. SHUTA
DB 95 PG 57

NANCY P. SHUTA
DB 862 PG 214

-DTR-SBLN PC Sta. 5+00.00
-L-POT Sta. 36+58.74 (10.0' LT)

-DTR-SBLN PRC Sta. 6+02.80

-DTR-SBLN PRC Sta. 9+61.11

-DTR-SBLN PT Sta. 10+48.90
-L-POC Sta. 42+03.11 (10.0' LT)

-DTR-NBLN

-DTR-NBLN PC Sta. 7+17.91
-DTR-NBLN PT Sta. 10+08.24

-DTR-NBLN POT Sta. 10+83.44
-L-POC Sta. 43+69.29 (36.62' RT)

-DTR-NBLN POT Sta. 5+00.00
-Y- POT Sta. 17+75.00 (6.0' RT)

-DTR-NBLN
PI Sta 8+64.92
△ = 22° 10' 44.3" (RT)
D = 7° 38' 22.0"
L = 290.32'
T = 147.00'
R = 750.00'

-RPC-ST A 4+50.00 SEE PSH TMP-5

MATCHLINE

UNITED STATES OF AMERICA

HOLLAND HOMES LLC
DB 1504 PG 14

DEER TRACK LAND CORPORATION
C/O GARY AND CYNTHIA PENNY
2917 TAVISTOCK DRIVE
DURHAM, NC 27712
DB 1832 PG 326
MB 34 PG 920

DAVID S. TYSINGER
WILLIAM J. ASHBY
DB 1788 PG 36
MB 30 PG 264

MCLEAN HOLDING LMT PARTNERSHIP
DB 1183 PG 125

JENNIFER L. SAWYER
DB 1686 PG 42
MB 7 PG 37

MANATEE INVESTMENTS LIMITED PARTNERSHIP
DB 1430 PG 400
MB 7 PG 72

LOUISE AND DAVID WILLIS
DB 1793 PG 454

THOMAS N. TEREZIS
MARLENA P. MORIARTY
DB 1852 PG 364
MB 34 PG 464

LAKESIDE CONDO ASSOCIATES

CAROLINA TELEPHONE AND TELEGRAPH COMPANY

PINER CEMETERY
CAPE CARTERET

GRAVE LOCATIONS NOT VERIFIED

APPROVED: Heather C. Lane (DocuSigned by: A1154E9594D7468...)

DATE: 07/21/2026

SEAL

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DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE 1

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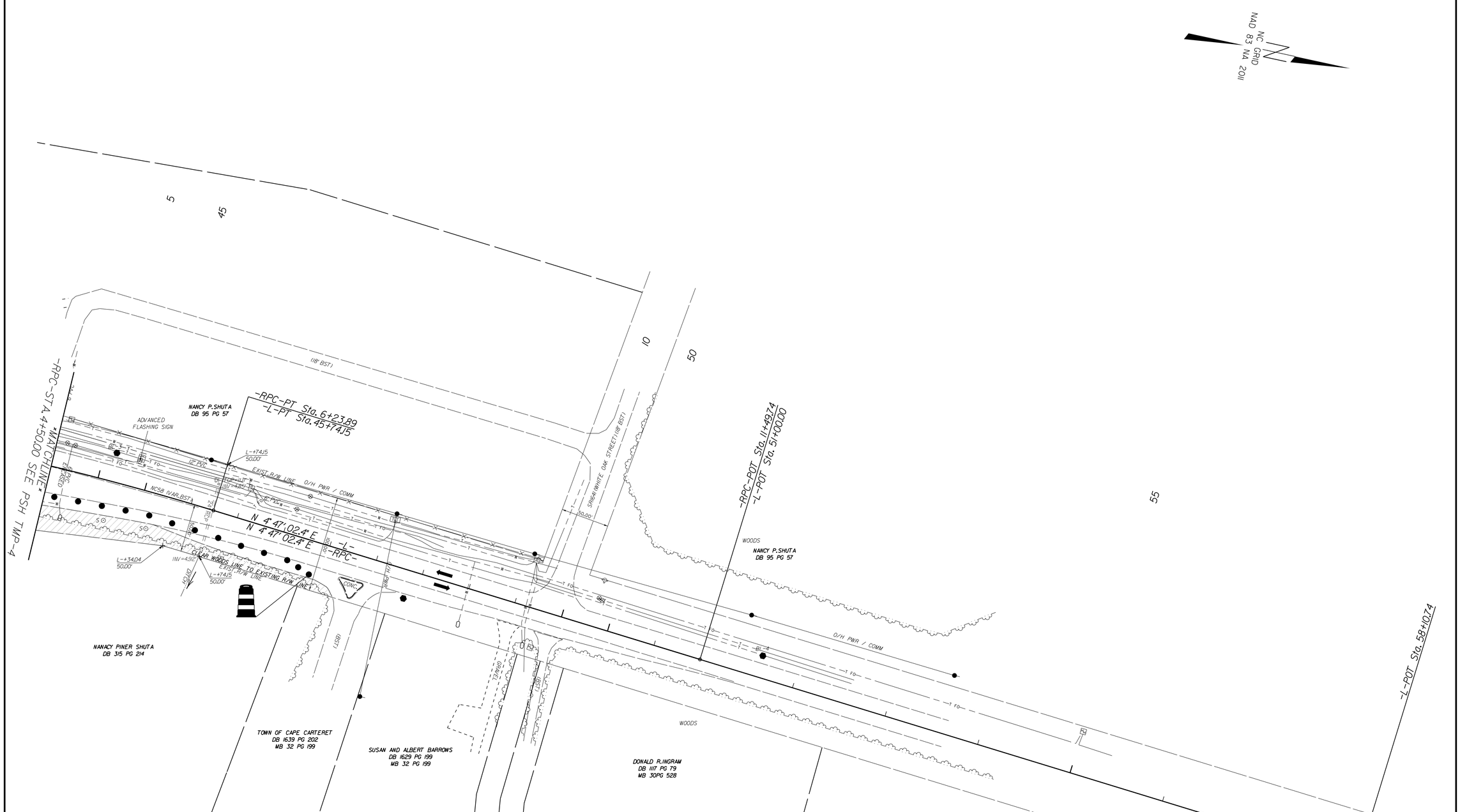
rgoodey

PROJ. REFERENCE NO.	SHEET NO.
HN-0041	TMP-5

CLEARING AND GRUBBING



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DocuSigned by: A1154E9594D7468...

DATE: 07/21/2026

SEAL

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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASE 1

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rgadley

PROJ. REFERENCE NO.	SHEET NO.
HN-0041	TMP-6

EXIST.TEMPORARY ASPHALT

CLEARING AND GRUBBING,EARTHWORK

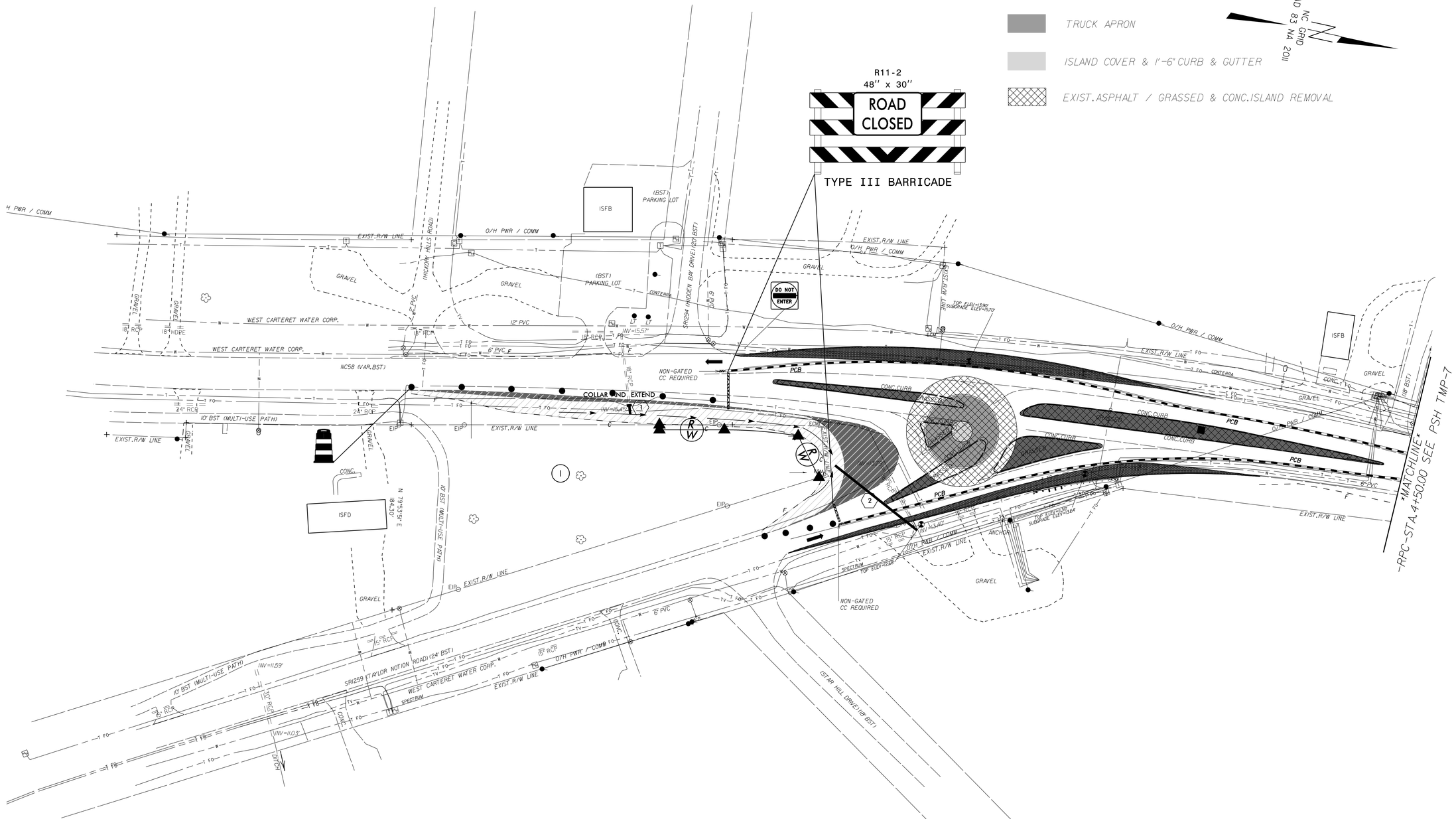
B25.0C & I19.0C

TRUCK APRON

ISLAND COVER & 1'-6" CURB & GUTTER

EXIST.ASPHALT / GRASSED & CONC.ISLAND REMOVAL

NAD 83 NA 2011 NC GRID



APPROVED: Heather C. Lane (DocuSigned by: A1154E959AD7468...)

DATE: 07/21/2026

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NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE

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DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

PHASE 2

15-JUL-2026 14:00
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rgodley

PROJ. REFERENCE NO.	SHEET NO.
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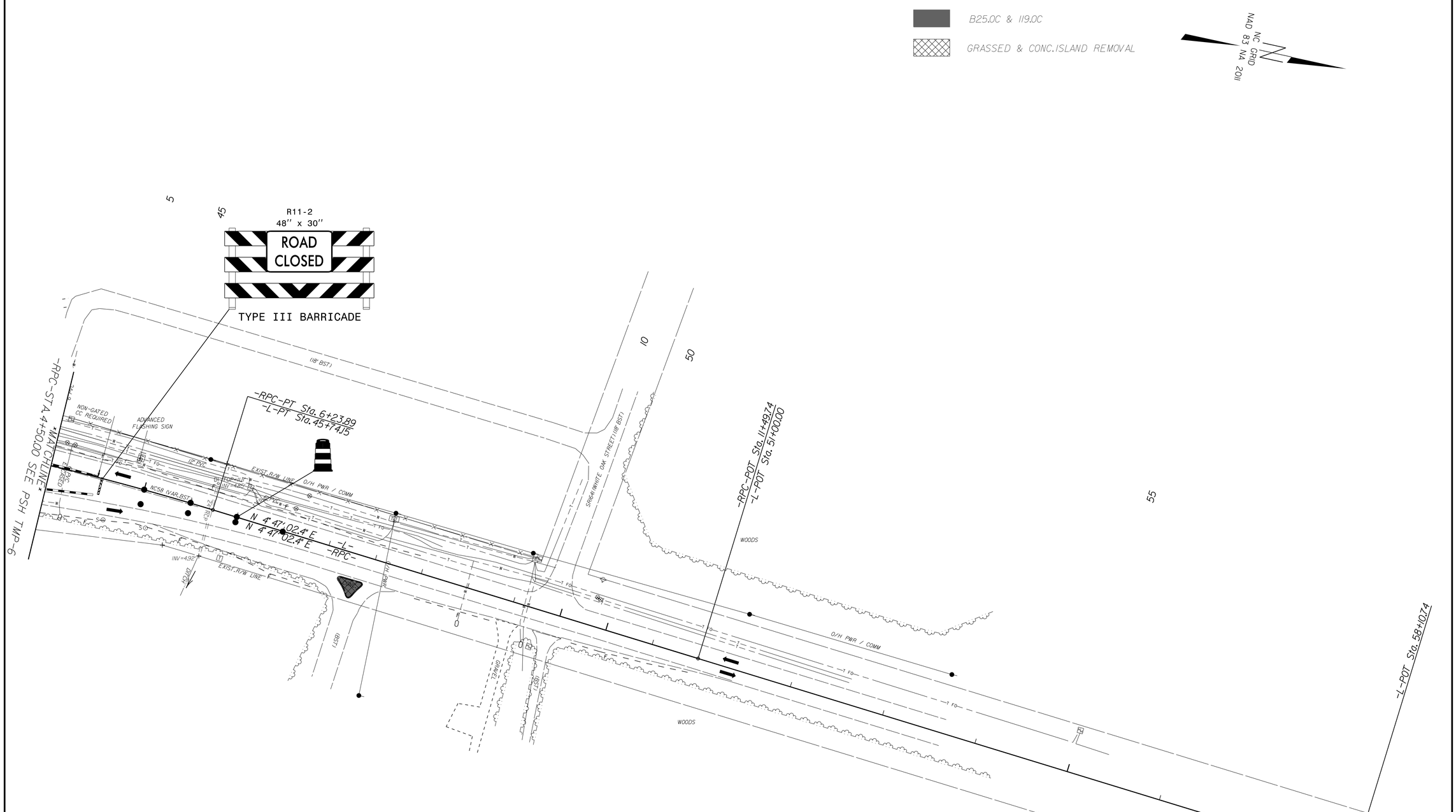

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DATE: 07/21/2026

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PHASE 2

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rggodley

PROJ. REFERENCE NO.	SHEET NO.
HN-0041	TMP-8

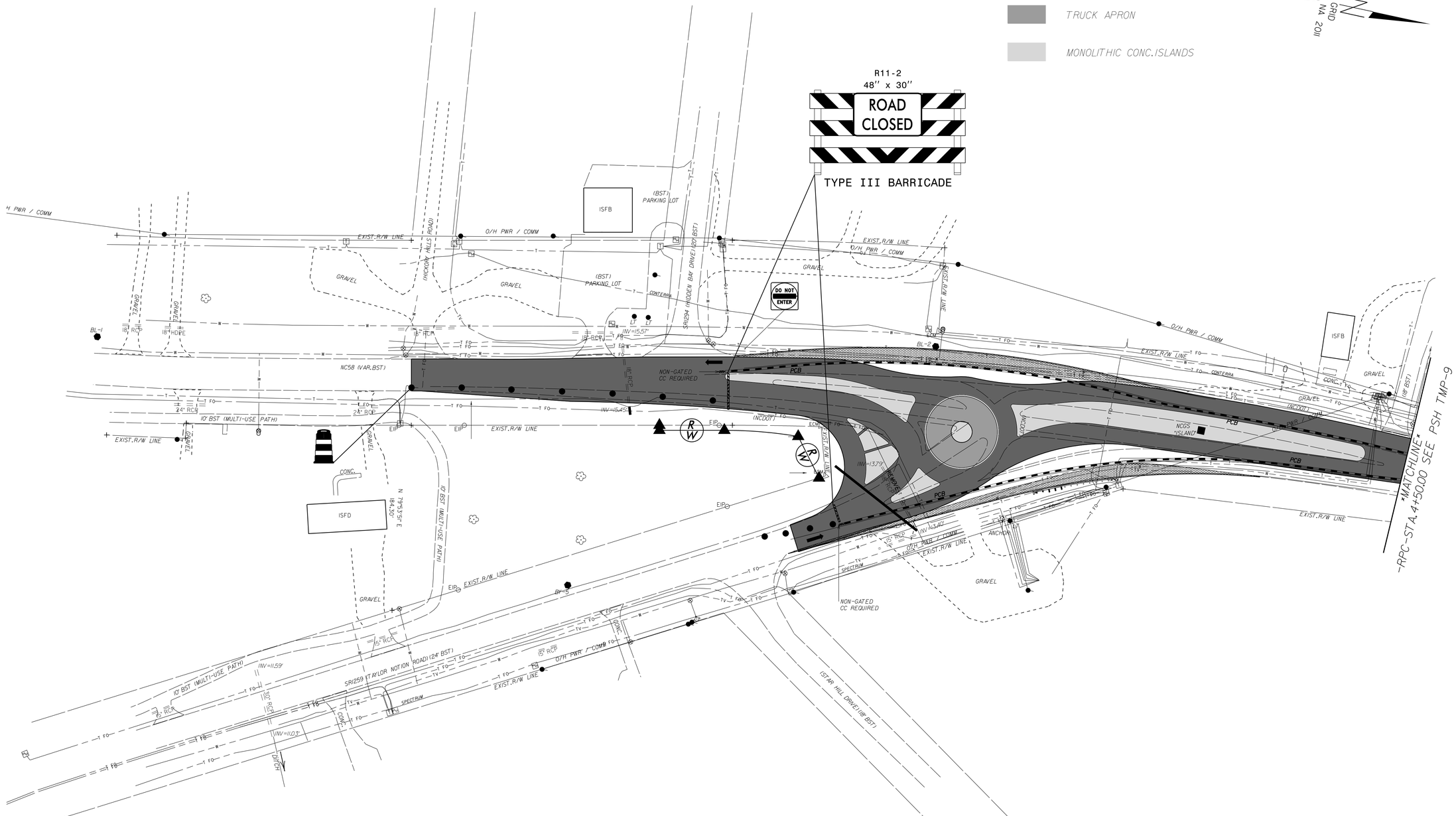
EXIST.TEMPORARY ASPHALT

119.0C & S9.5C

TRUCK APRON

MONOLITHIC CONC.ISLANDS

NC GRID NAD 83 NA 2011



APPROVED: DocuSigned by: Heather C. Lane A1154E9994D7468...

DATE: 07/21/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE 3

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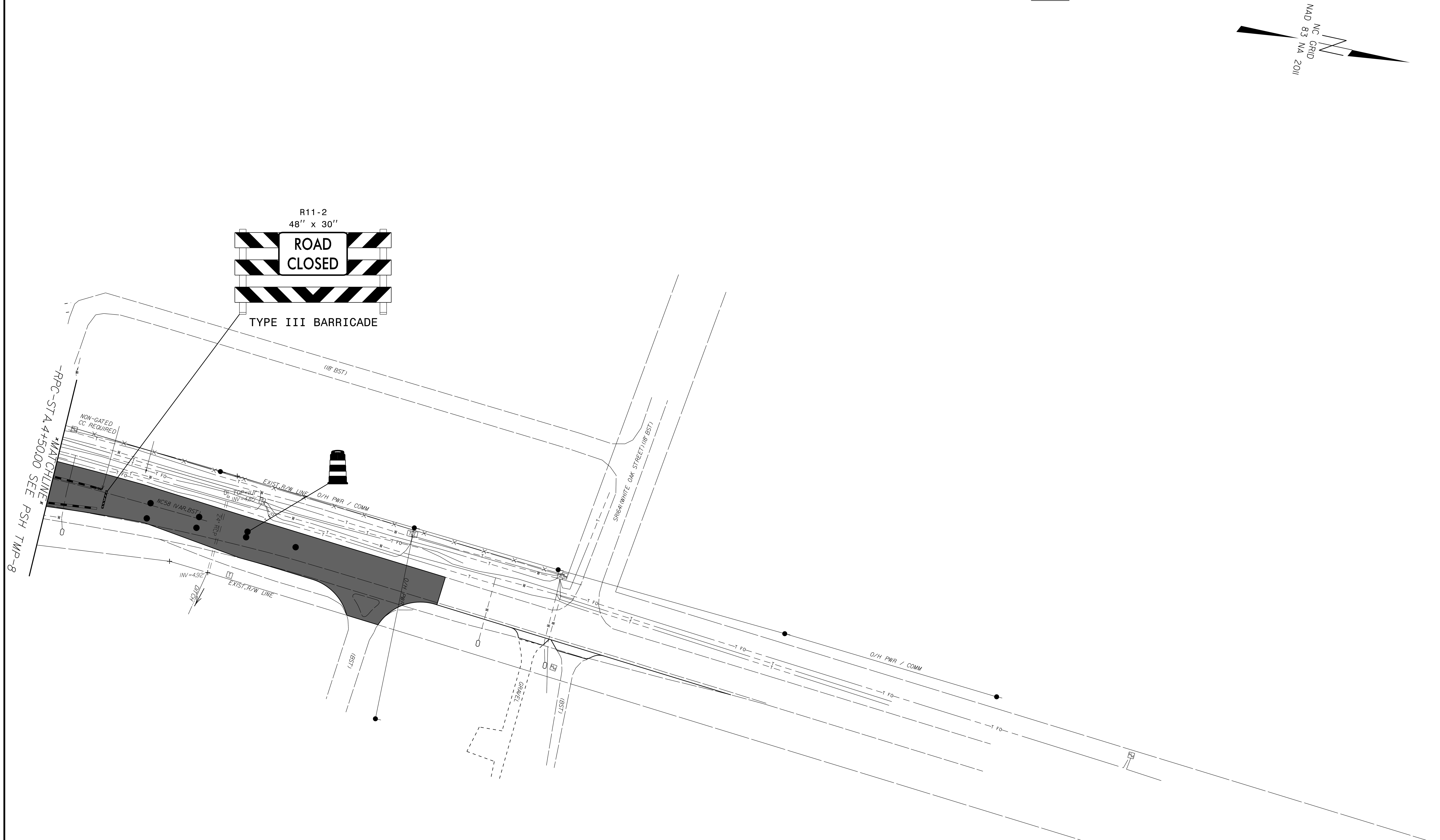
rgodley

PROJ. REFERENCE NO.	SHEET NO.
HN-0041	TMP-9

119.0C & S9.5C



APPROVED: Heather C. Lane

DATE: 07/21/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE

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DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE 3

15-JUL-2026 14:00
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rgodley

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HN-0041	PMP-1	3

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CARTERET COUNTY

PAVEMENT MARKING PLANS

NC 58 AT SR 1259 (TAYLOR NOTION ROAD)
LOCATION: BETWEEN PELETIER AND CAPE CARTERET

TIP PROJECT: HN-0041

2024 ROADWAY ENGLISH STANDARD DRAWING

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

STD. NO.	TITLE
1202.01	PAVEMENT MARKINGS – LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS – TWO–LANE AND MULTI–LANE ROADWAYS
1205.04	PAVEMENT MARKINGS – INTERSECTIONS
1205.05	PAVEMENT MARKINGS – TURN LANES
1205.08	PAVEMENT MARKINGS – SYMBOLS AND WORD MESSAGES
1205.14	PAVEMENT MARKINGS – ROUNDABOUTS
1250.01	RAISED PAVEMENT MARKERS INSTALLATION SPACING

INDEX OF SHEETS

SHEET #	DESCRIPTION
PMP–1	TITLE SHEET
PMP–2 THRU PMP–3	PLAN SHEET

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	MARKING	MARKER
NC 58	THERMOPLASTIC	POLYCARBONATE H–SHAPED
SR 1259	THERMOPLASTIC	POLYCARBONATE H–SHAPED

B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES. PROJECT HAS PROPOSED 2.0' PAVED SHOULDERS.
ALL MARKINGS AROUND CONCRETE ISLANDS ARE AT A 2.0' OFFSET

C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.

D) STOP BAR LOCATION AT NON–SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

FINAL PAVEMENT MARKING SCHEDULE

THERMOPLASTIC (6" 90 MILS)

T20	WHITE EDGELINE
T21	WHITE SOLID LANE LINE
T23	3 FT. – 9 FT./SP WHITE MINISKIP
T24	2 FT. – 6 FT./SP WHITE MINISKIP
T30	YELLOW EDGELINE
T33	YELLOW DOUBLE CENTER

THERMOPLASTIC (12" 90 MILS)

T50	WHITE GORELINE
T52	YELLOW DIAGONAL
T55	3 FT. – 3FT./SP WHITE MINISKIP

THERMOPLASTIC (24" 90 MILS)

T61	WHITE STOPBAR

THERMOPLASTIC PAVEMENT MARKING SYMBOLS/CHARACTERS(90 MILS)

T71	RIGHT TURN ARROW
T100	ALPHANUMERIC CHARACTER (ONLY) (YIELD)
T103	24" YEILD LINE TRIANGLE
T115	FISH–HOOK W/CIRCLE STRAIGHT ARROW
T117	FISH–HOOK W/CIRCLE LEFT /STRAIGHT ARROW
T118	FISH–HOOK W/CIRCLE LEFT /RIGHT ARROW

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Prepared In the Office of:
DIVISION OF HIGHWAYS
1037 WH SMITH BLVD., GREENVILLE, NC 27834

HEATHER C. LANE, PE
PROJECT ENGINEER
PLANS PREPARED BY:
RICH GODLEY
PROJECT DESIGN ENGINEER

APPROVED: DocuSigned by: Heather C. Lane A115AE959A07468...
DATE: 07/21/2026
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

09/08/99
15-JUL-2026 14:00
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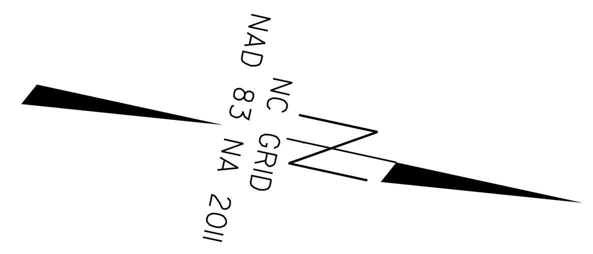
rggodley

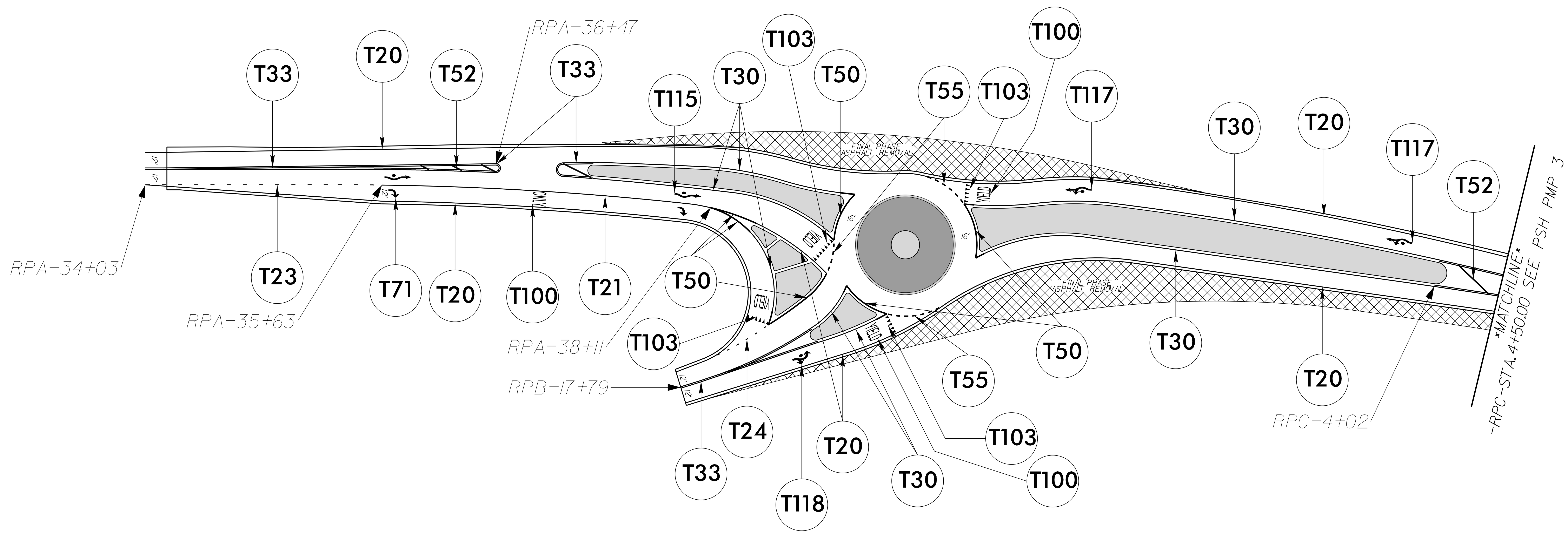
PROJECT REFERENCE NO.	SHEET NO.
HN-0041	PMP-2
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER	TRAFFIC DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 042582 HEATHER C. LANE	NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 042582 HEATHER C. LANE
07/21/2026	07/21/2026

8/17/99

REVISIONS





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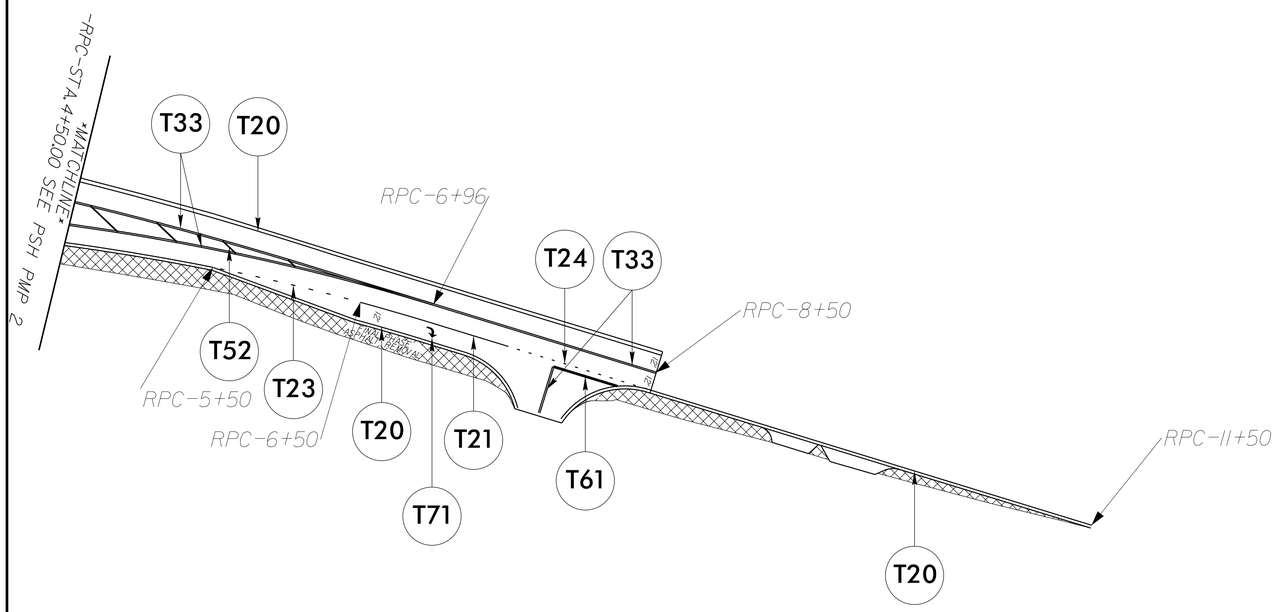
PROJECT REFERENCE NO.	SHEET NO.
HN-0041	PMP-3
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	TRAFFIC DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE	NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE
07/21/2026	07/21/2026

NC GRID NAD 83 NA 2011



REVISIONS

8/17/99

15-JUL-2026 14:00
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STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HN-0041	SIGN-1	5

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CARTERET COUNTY

SIGNING PLANS

ALL PROPOSED SIGNING WORK SHOWN IN THIS SERIES OF SHEETS WILL BE COMPLETED BY NCDOT TRAFFIC SERVICES. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED SIGNING WORK.

LOCATION: NC 58 AT SR 1259 (TAYLOR NOTION ROAD)
BETWEEN PELETIER AND CAPE CARTERET

2024 ROADWAY ENGLISH STANDARD DRAWING

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

STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E', AND 'F' SIGNS ON 'U' CHANNEL POSTS
1264.01	OBJECT MARKERS – TYPES
1264.02	OBJECT MARKERS – INSTALLATION

INDEX OF SHEETS

SHEET #	DESCRIPTION
SIGN–1	TITLE SHEET
SIGN–2	TYPE E SIGNS
SIGN–3	TYPE F SIGNS
SIGN–4 THRU 5	PLAN SHEET

GENERAL NOTES

1. SIGNS SHALL BE FURNISHED AND INSTALLED BY NCDOT TRAFFIC SERVICES.
2. CONFIRM IN WRITING AT LEAST 1 MONTH IN ADVANCE OF THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED FOR INSTALLATION.
3. WHEN NOT STATIONED ON THE PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER AND ERECTED IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTOL DEVICES (MUTCD) GUIDANCE.
4. SIGN LOCATIONS MAY NEED ADJUSTMENTS, AS TO NOT BE IN CONFLICT WITH EXISTING DRIVEWAYS AND /OR ROADS THAT CONNECT TO PROJECT LIMITS.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared In the Office of:
DIVISION OF HIGHWAYS
1037 WH SMITH BLVD., GREENVILLE, NC 27834

HEATHER C. LANE, PE
PROJECT ENGINEER
PLANS PREPARED BY:
RICH GODLEY
PROJECT DESIGN ENGINEER

APPROVED: DocuSigned by: Heather C. Lane A1154E9594D7468...

DATE: 07/21/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

TIP PROJECT: HN-0041

09/08/99

15-JUL-2026 14:00
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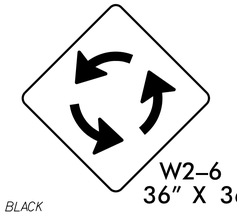
rggodley

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	SIGN-2
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	TRAFFIC DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE 07/21/2026	NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE 07/21/2026

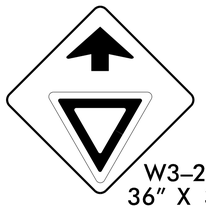
(401) QUANTITY REQUIRED = 3
ON 4"X4" WOOD POST
WITH BRIGHT SIDE STRIPS



W2-6
36" X 36"

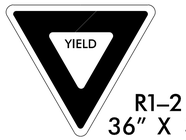
YELLOW AND BLACK

(402) QUANTITY REQUIRED = 3
ON 4"X4" WOOD POST
WITH BRIGHT SIDE STRIPS



W3-2A
36" X 36"

(403) QUANTITY REQUIRED = 8
3 ON 4"X4" WOOD POST
5 ON BREAKAWAY METAL TUBULAR POST
WITH BRIGHT SIDE STRIPS



R1-2
36" X 36" X 36"

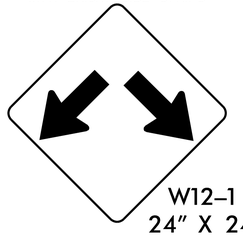
(404) QUANTITY REQUIRED = 3
ON BREAKAWAY METAL TUBULAR POST
WITH BRIGHT SIDE STRIPS

R6-1 R
36'' X 12''

(405) QUANTITY REQUIRED = 3
ON BREAKAWAY METAL TUBULAR POST
WITH BRIGHT SIDE STRIPS

R4-7
24'' X 30''

(406) QUANTITY REQUIRED = 1
ON BREAKAWAY METAL TUBULAR POST
WITH BRIGHT SIDE STRIPS

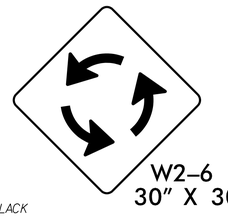


W12-1
24" X 24"

(407) QUANTITY REQUIRED = 1
ON 4"X4" WOOD POST
WITH BRIGHT SIDE STRIPS

R3-7 R
30'' X 30''

(408) QUANTITY REQUIRED = 3
PLACED UNDER SIGN 403
RIGHT SIDE OF LANE



W2-6
30" X 30"

WHITE AND BLACK

TYPE E SIGNS

REVISIONS

8/17/99

15-JUL-2026 14:00
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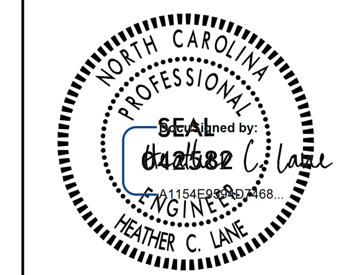
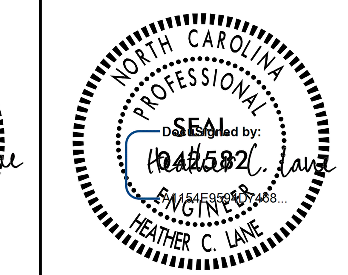
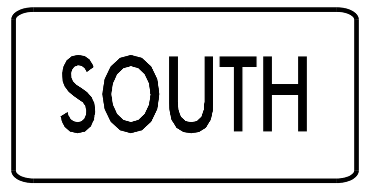
PROJECT REFERENCE NO.	SHEET NO.
HN-0041	SIGN-3
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER	TRAFFIC DESIGN ENGINEER
 07/21/2026	 07/21/2026

8/17/99

REVISIONS

(415) QUANTITY REQUIRED = 2
ON BREAKAWAY METAL TUBULAR POST
WITH BRIGHT SIDE STRIPE

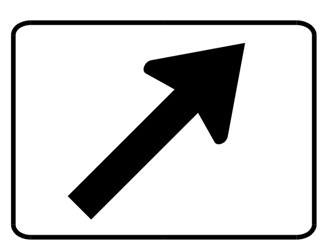


M3-3
24'' X 12''

(409) QUANTITY REQUIRED = 3
ON BREAKAWAY METAL TUBULAR POST
WITH BRIGHT SIDE STRIPE

M1-5
24" X 24"

(410) QUANTITY REQUIRED = 2
ON BREAKAWAY METAL TUBULAR POST
WITH BRIGHT SIDE STRIPE



M6-2
21'' X 15''

(411) QUANTITY REQUIRED = 2
ON BREAKAWAY METAL TUBULAR POST
WITH BRIGHT SIDE STRIPE

M3-1
24'' X 12''

(414) QUANTITY REQUIRED = 1
ON BREAKAWAY METAL TUBULAR POST
WITH BRIGHT SIDE STRIPE

D1-1D
VAR X 12"

TYPE F SIGNS

15-JUL-2026 14:00
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PROJECT REFERENCE NO.	SHEET NO.
HN-0041	SIGN-4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	TRAFFIC DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 042682 HEATHER C. LANE 07/21/2026	NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 042682 HEATHER C. LANE 07/21/2026

REVISIONS

8/17/99

15-JUL-2026 4:00
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PROJECT REFERENCE NO.	SHEET NO.
HN-0041	SIGN-5
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	TRAFFIC DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE Heather C. Lane 07/21/2026	NORTH CAROLINA PROFESSIONAL SEAL 042582 ENGINEER HEATHER C. LANE Heather C. Lane 07/21/2026

NC GRID NAD 83 NA 2011

REVISIONS

8/17/99

15-JUL-2026 14:00
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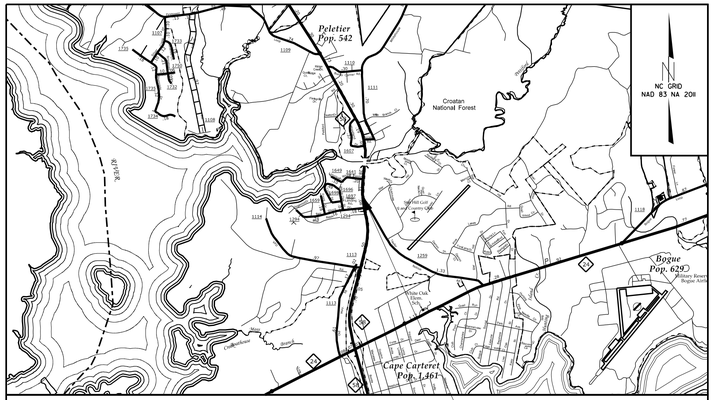
Copyright

TIP PROJECT: HN-0041

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HN-0041	EC-1	8

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
51840.1.1	5184001	PE
51840.2.1	5184001	ROW
51840.2.2	5184001	UTILITY
51840.3.1	5184001	CONST.



VICINITY MAP

TIP PROJECT HN-0041

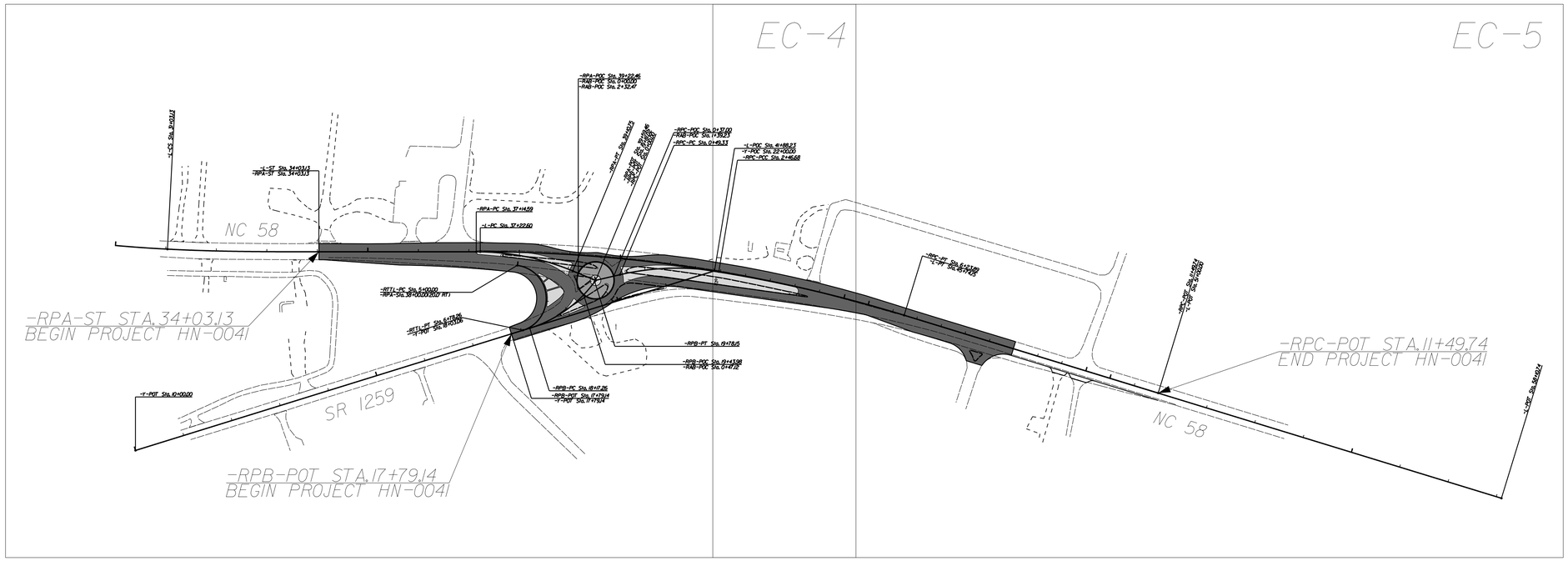
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

CARTERET COUNTY

LOCATION: NC 58 AT SR 1259 (TAYLOR NOTION ROAD)
BETWEEN PELETIER AND CAPE CARTERET

TYPE OF WORK: GRADING, DRAINAGE AND PAVING
CONSTRUCTION OF SINGLE LANE ROUNDABOUT



THIS PROJECT HAS BEEN DESIGNED TO SENSITIVE WATERSHED STANDARDS.

THIS PROJECT CONTAINS EROSION CONTROL PLANS FOR CLEARING AND GRUBBING PHASE OF CONSTRUCTION.

GRAPHIC SCALE

50 25 0 50 100

PLANS

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE APRIL 1, 2024 ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WATER QUALITY.

Prepared in the Office of:

DIVISION OF HIGHWAYS

1037 WH SMITH BLVD.
GREENVILLE, NC 27835

2024 STANDARD SPECIFICATIONS

Designed by:

RICH GODLEY — ***3559***

NAME — *LEVEL III CERTIFICATION NO.*

Roadway Standard Drawings

The "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2024 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

CARTERET\HN-0041\HN-0041_SR1259 (Taylor Notion Rd)\HN-0041_psh ec 1.dgn
15-JUL-2025 14:00
rggodley

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	EC-2

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

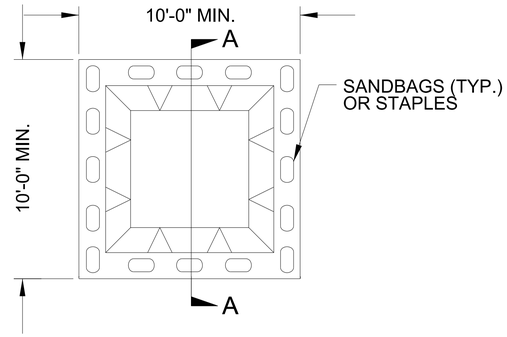
EROSION & SEDIMENT CONTROL LEGEND

Std. #	Description	Symbol
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	
1630.02	Silt Basin Type B	
1630.03	Temporary Silt Ditch	TSD
1630.04	Stilling Basin	
1630.05	Temporary Diversion	TD
1630.06	Special Stilling Basin	
1630.07	Skimmer Basin	
1630.08	Tiered Skimmer Basin	
1630.09	Earthen Dam with Skimmer	
	Infiltration Basin	
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C

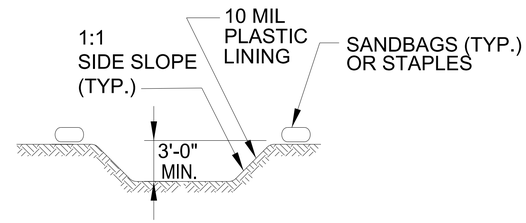
Std. #	Description	Symbol
1633.01	Temporary Rock Silt Check Type A	
1633.02	Temporary Rock Silt Check Type B	
1633.03	Temporary Rock Silt Check Type A with Excelsior Matting and Flocculant	
1634.01	Temporary Rock Sediment Dam Type A	
1634.02	Temporary Rock Sediment Dam Type B	
1635.01	Rock Pipe Inlet Sediment Trap Type A	A
1635.02	Rock Pipe Inlet Sediment Trap Type B	B
1636.01	Excelsior Wattle Check	
1636.01	Excelsior Wattle Check with Flocculant	
1636.01	Coir Fiber Wattle Check	
1636.01	Coir Fiber Wattle Check with Flocculant	
1636.02	Silt Fence Excelsior Wattle Break	EW
	Silt Fence Coir Fiber Wattle Break	CFW
1636.03	Excelsior Wattle Barrier	—EW—EW—EW—
1636.03	Coir Fiber Wattle Barrier	—CFW—CFW—CFW—

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	EC-2A

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



PLAN



SECTION A-A

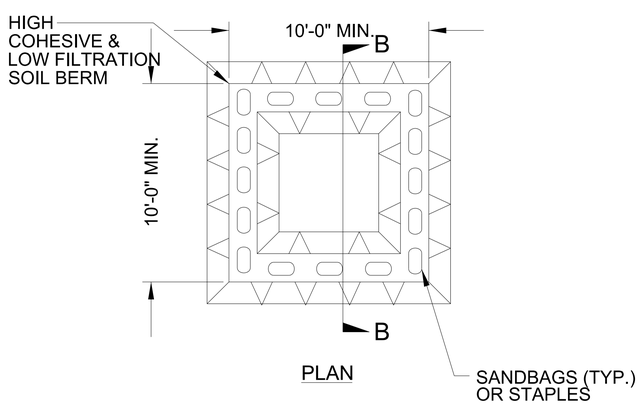
NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD

2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.

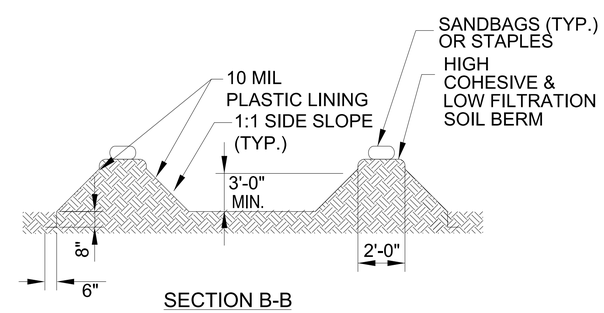
3.CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARY MARKED WITH SIGNAGE NOTING DEVICE.

BELOW GRADE WASHOUT STRUCTURE

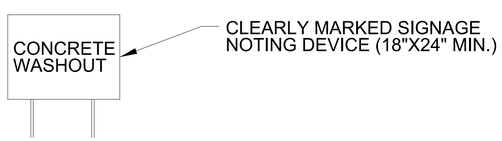
NOT TO SCALE



PLAN



SECTION B-B



NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD

2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.

3.CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARY MARKED WITH SIGNAGE NOTING DEVICE.

ABOVE GRADE WASHOUT STRUCTURE

NOT TO SCALE

REVISIONS

8/17/99

15-JUL-2025 14:00
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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
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 TO 4:1	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH WITH SLOPES STEEPER THAN 4:1. 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES

8/17/99
REVISIONS
15-JUL-2026 14:00
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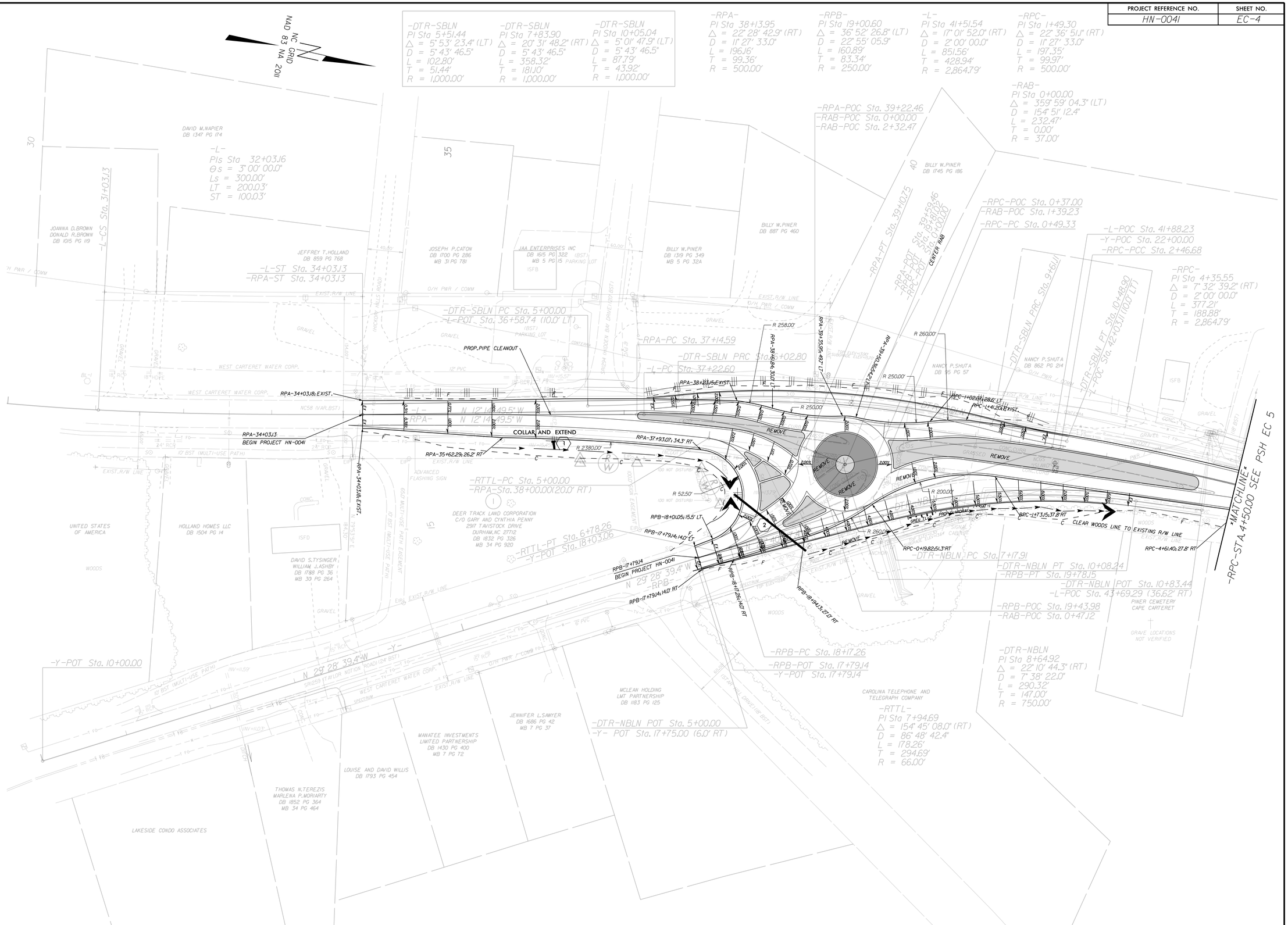
PROJECT REFERENCE NO.	SHEET NO.
HN-0041	EC-4



REVISIONS

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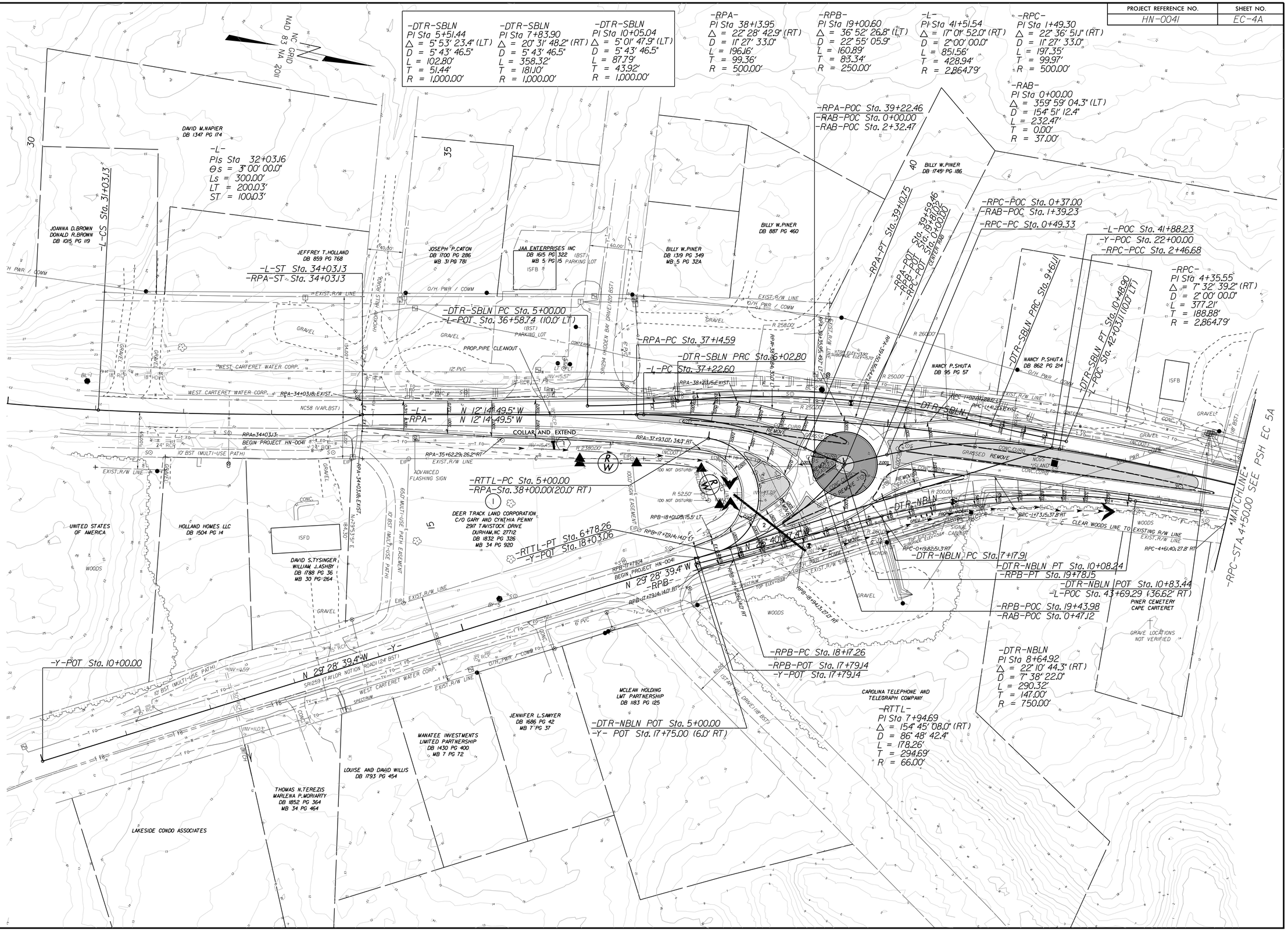
PROJECT REFERENCE NO.	SHEET NO.
HN-0041	EC-4A



REVISIONS

8/17/99

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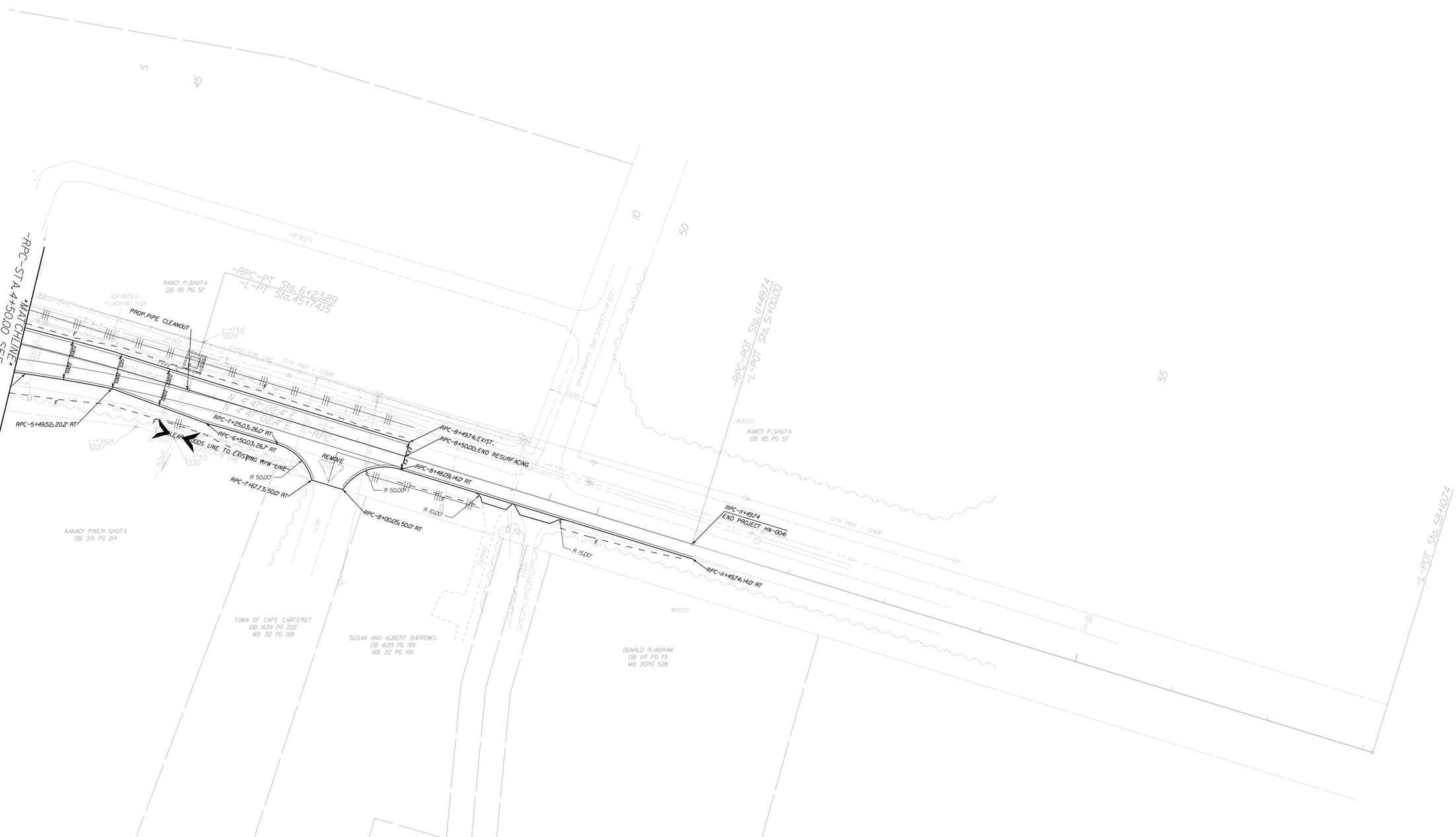
PROJECT REFERENCE NO.	SHEET NO.
HN-0041	EC-5



REVISIONS

8/17/99

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rgoodwin

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	EC-5A

REVISIONS

8/17/99

15-HN-2026 (40)
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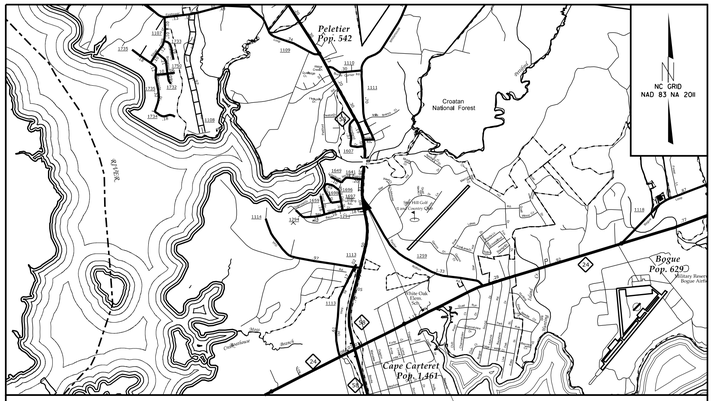
rgoodwin

09/08/99

TIP PROJECT: HN-0041



VICINITY MAP TIP PROJECT HN-0041

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

UTILITIES BY OTHERS PLANS
CARTERET COUNTY

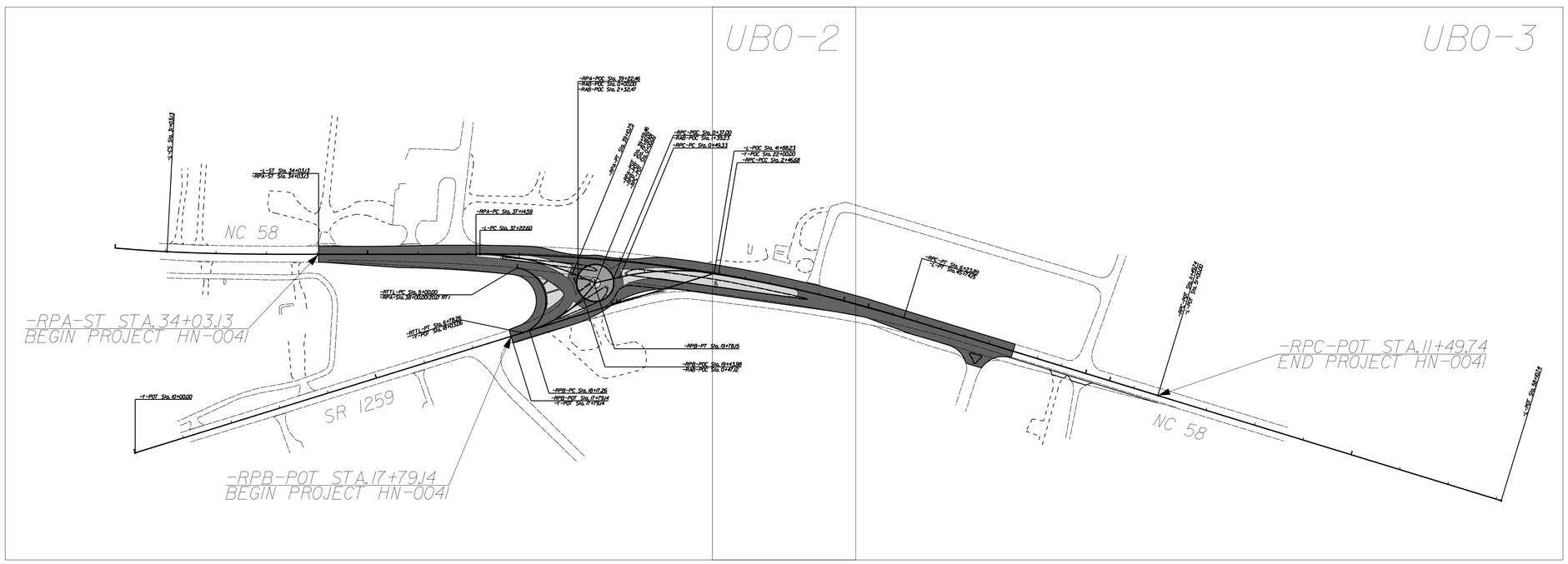
T.I.P. NO.	SHEET NO.
HN-0041	UBO-1

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.

LOCATION: NC 58 AT SR 1259 (TAYLOR NOTION ROAD)
BETWEEN PELETIER AND CAPE CARTERET

TYPE OF WORK: UNDERGROUND COMMUNICATION LINE RELOCATION
GAS MAIN ON NEW LOCATION

NC GRID NAD 83 NA 2011



GRAPHIC SCALES

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PLANS

INDEX OF SHEETS

SHEET NO.:	*DESCRIPTION:*
UBO-1	*TITLE SHEET*
UBO-2 THRU UBO-3	*UBO PLAN SHEETS*

UTILITY OWNERS WITH CONFLICTS

(A) BRIGHTSPEED - COMMUNICATION
(B) PIEDMONT NATURAL GAS - GAS (NEW LOCATION)

PREPARED IN THE OFFICE OF:

DIVISION OF HIGHWAYS
1037 WH SMITH BLVD., GREENVILLE, NC 27835

RICH GODLEY	*PROJECT DESIGN ENGINEER*
CHAD MILLS	*PROJECT UTILITY COORDINATOR*
DAVID KRAMER	*PROJECT UTILITY ENGINEER*

DIVISION OF HIGHWAYS
DIVISION 02
2815 ROUSE ROAD EXTENSION
KINSTON, NC 28504

CHAD MILLS	*DIVISION CONTACT #1*
DAVID KRAMER	*DIVISION CONTACT #2*

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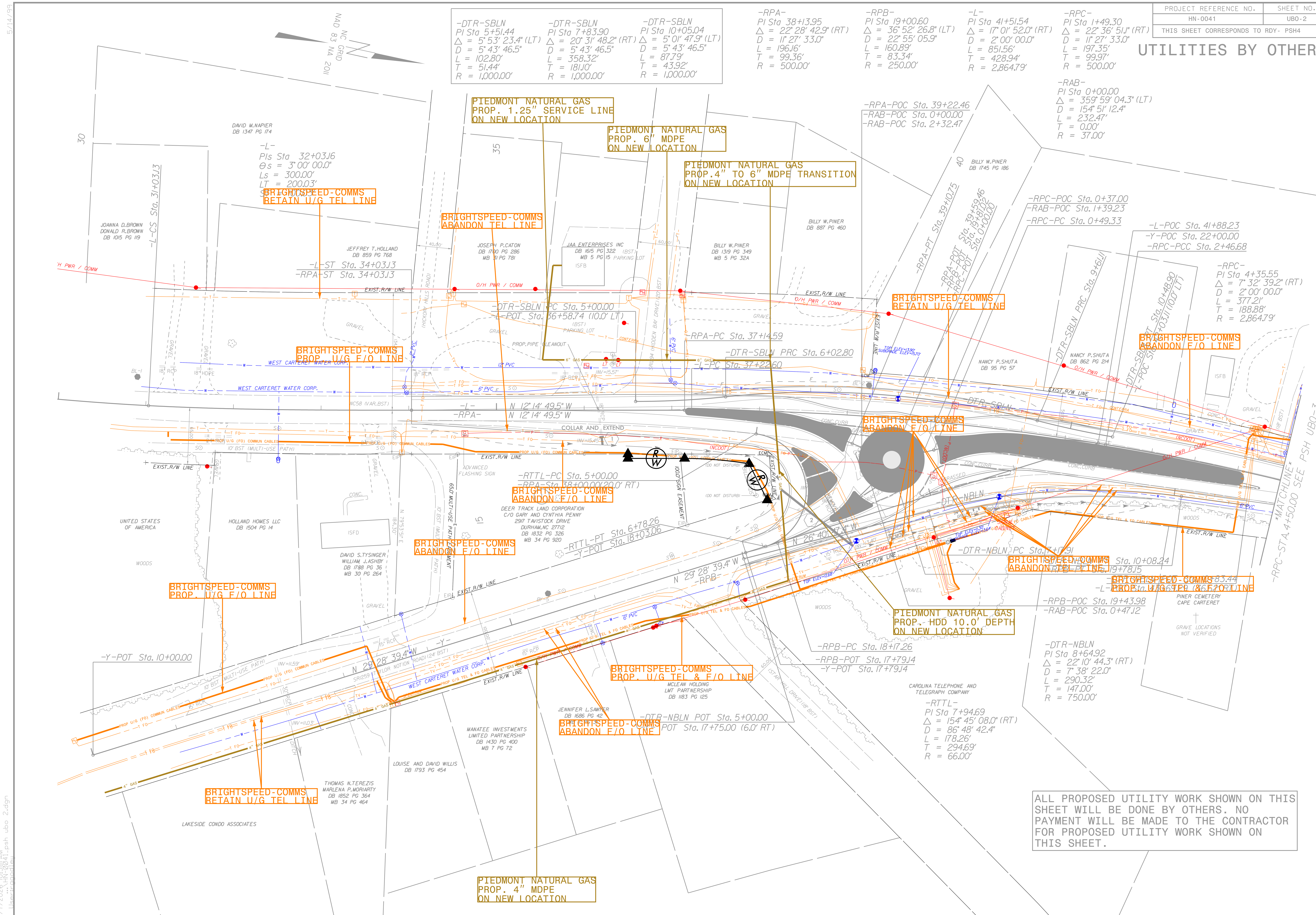
rggodley

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	UBO-2

THIS SHEET CORRESPONDS TO RDY- PSH4

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.

PROJECT REFERENCE NO.	SHEET NO.
HN-0041	UBO-3
THIS SHEET CORRESPONDS TO RDY-PSH 5	

UTILITIES BY OTHERS

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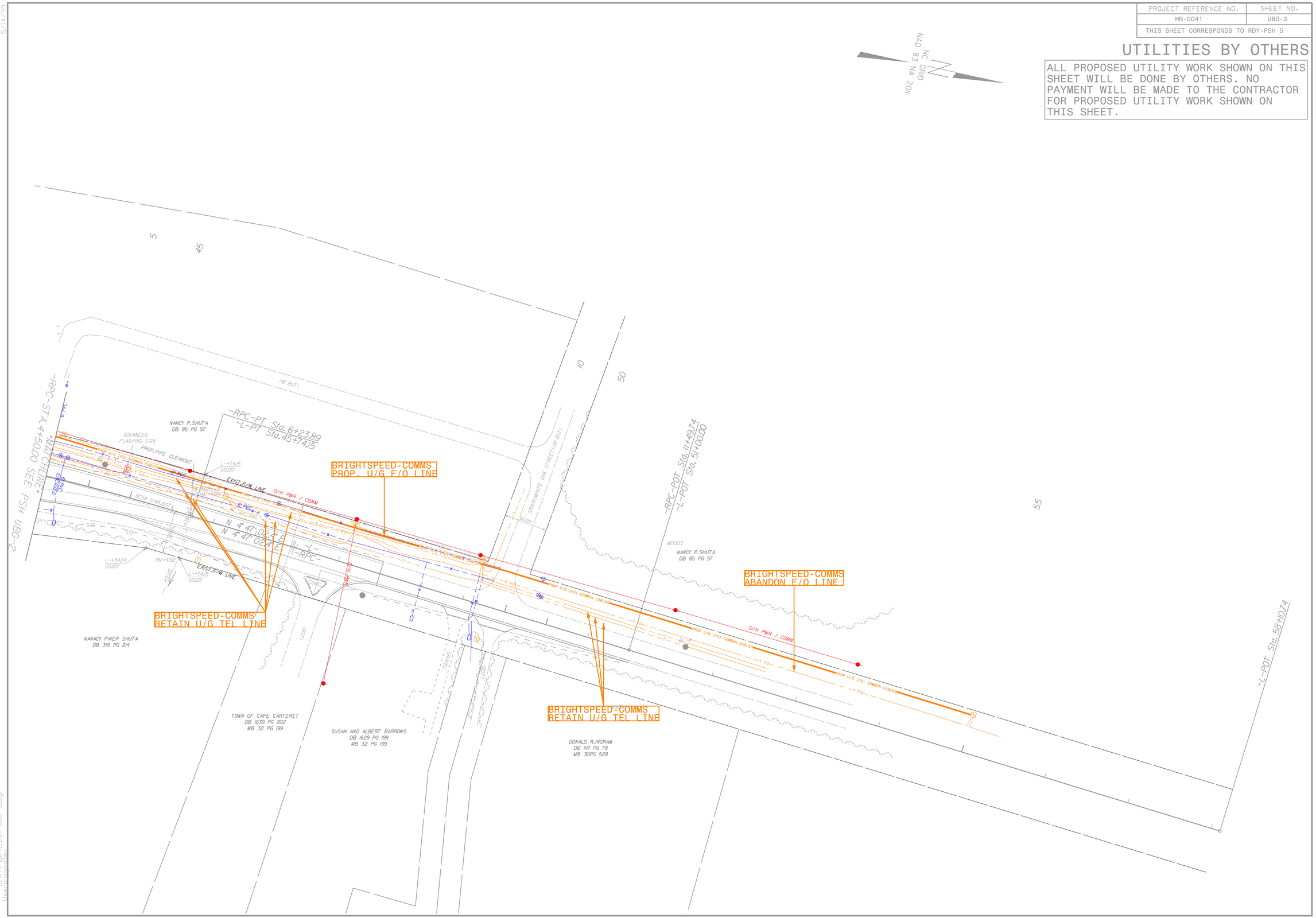

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PROJECT REFERENCE NO.	SHEET NO.
HN-0041	X1A-1

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SUMMARY OF EARTHWORK

IN CUBIC YARDS

LOCATION (-RPA-)	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT
34+50.00	0		0
35+00.00	4		5
35+50.00	9		7
36+00.00	12		15
36+50.00	20		24
37+00.00	28		20
37+25.00	13		7
37+50.00	12		6
37+75.00	15		6
38+00.00	20		8
38+25.00	13		4
38+50.00	4		0
38+75.00	5		0
39+00.00	8		0
39+04.46	10		0
39+59.45	196		22

LOCATION (-RPB-)	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT
18+00.00	0		0
18+50.00	3		1
18+75.00	2		0
19+25.91	9		0
19+81.01	89		22

LOCATION (-RPC-)	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT
0+00.00	0		0
0+55.00	88		22
0+75.00	10		0
1+00.00	18		0
1+25.00	17		0
1+50.00	12		0
1+75.00	7		0
2+00.00	9		0
2+25.00	12		0
2+50.00	11		0
3+00.00	19		7
3+50.00	15		13
4+00.00	9		19
4+50.00	3		28
5+00.00	0		30
5+50.00	0		30
6+00.00	0		29
6+50.00	0		25
7+00.00	0		44
7+50.00	0		39
8+00.00	0		8

NOTE: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing and Removal of Existing Asphalt Pavement will be paid for at the contract Lump Sum price for "Grading".

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT.

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pparsley

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SUMMARY OF EARTHWORK

IN CUBIC YARDS

LOCATION (-RTTL-)	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT
5+00.00	0		0
5+25.00	25		8
5+50.00	51		4
5+75.00	114		3
6+00.00	128		6
6+25.00	60		8
6+50.00	10		7
6+75.00	2		3

LOCATION (-DTRSBLN-)	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT
5+75.00	0		0
6+00.00	3		0
6+25.00	5		0
6+50.00	8		1
6+75.00	10		3
7+00.00	11		2
7+25.00	11		2
7+50.00	11		3
7+75.00	11		4
8+00.00	11		3
8+25.00	9		7
8+50.00	8		9
8+75.00	8		6
9+00.00	6		12
9+25.00	4		16
9+50.00	5		9
9+75.00	4		3
10+00.00	3		1
10+25.00	1		1

LOCATION (-DTRNBLN-)	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT
5+00.00	0		0
5+25.00	2		0
5+50.00	3		1
5+75.00	3		2
6+00.00	4		1
6+25.00	7		1
6+50.00	8		4
6+75.00	10		4
7+00.00	11		2
7+25.00	6		9
7+50.00	7		9
7+75.00	9		5
8+00.00	11		3
8+25.00	13		0
8+50.00	15		0
8+75.00	18		0
9+00.00	20		0
9+25.00	21		0
9+50.00	16		0
9+75.00	6		0

NOTE: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing and Removal of Existing Asphalt Pavement will be paid for at the contract Lump Sum price for "Grading".

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT.

6/23/16

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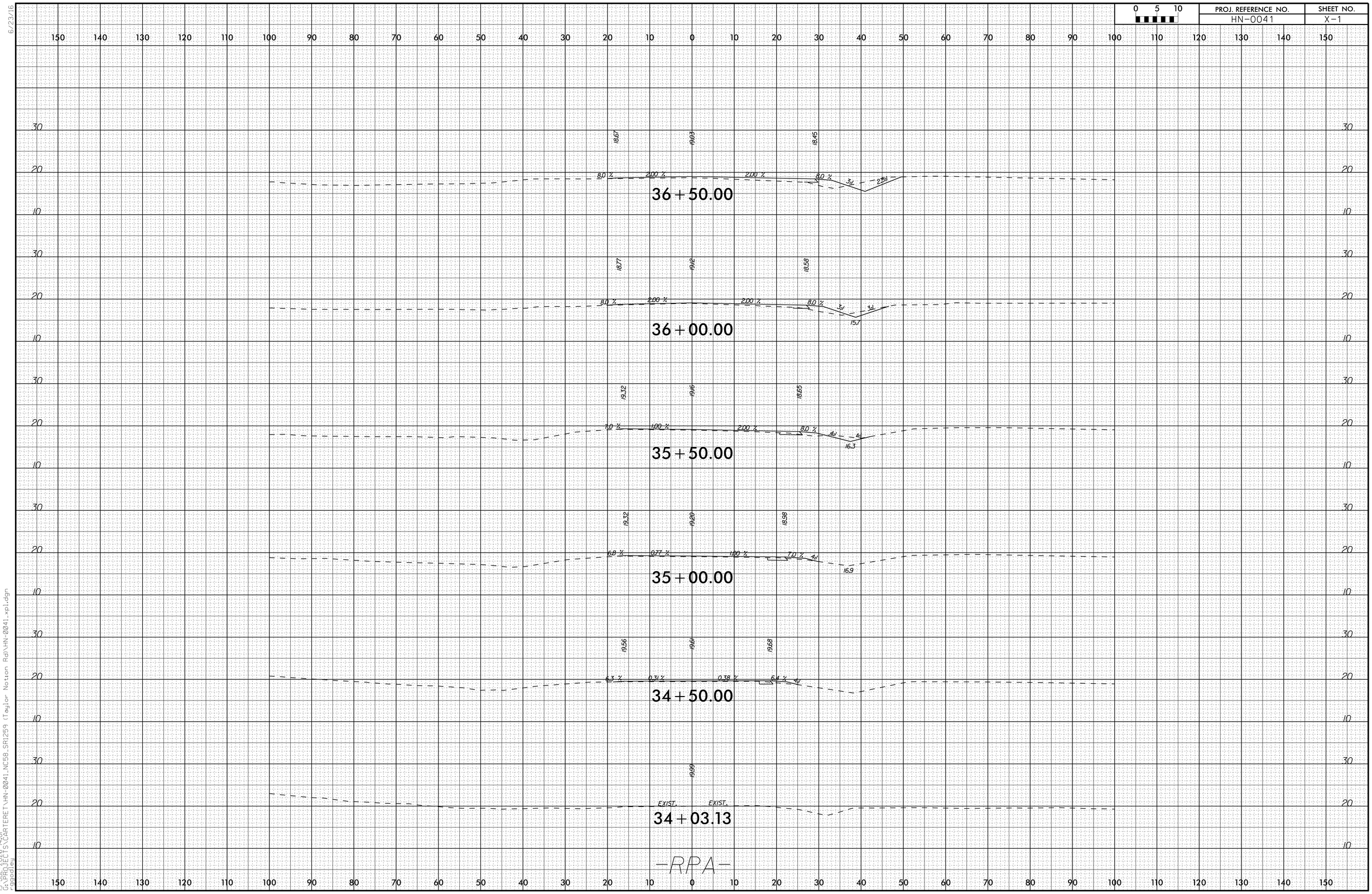

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6/23/16

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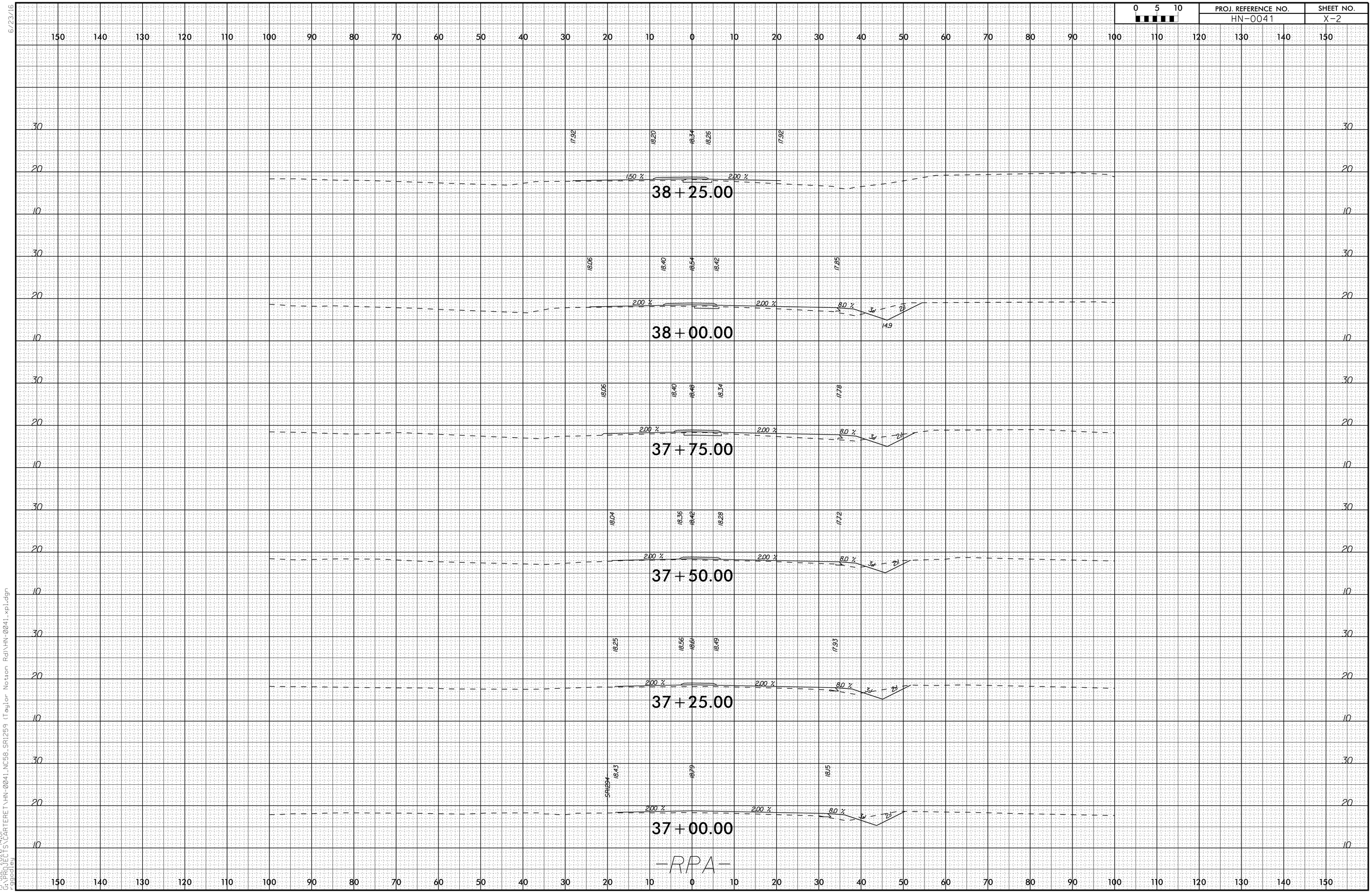

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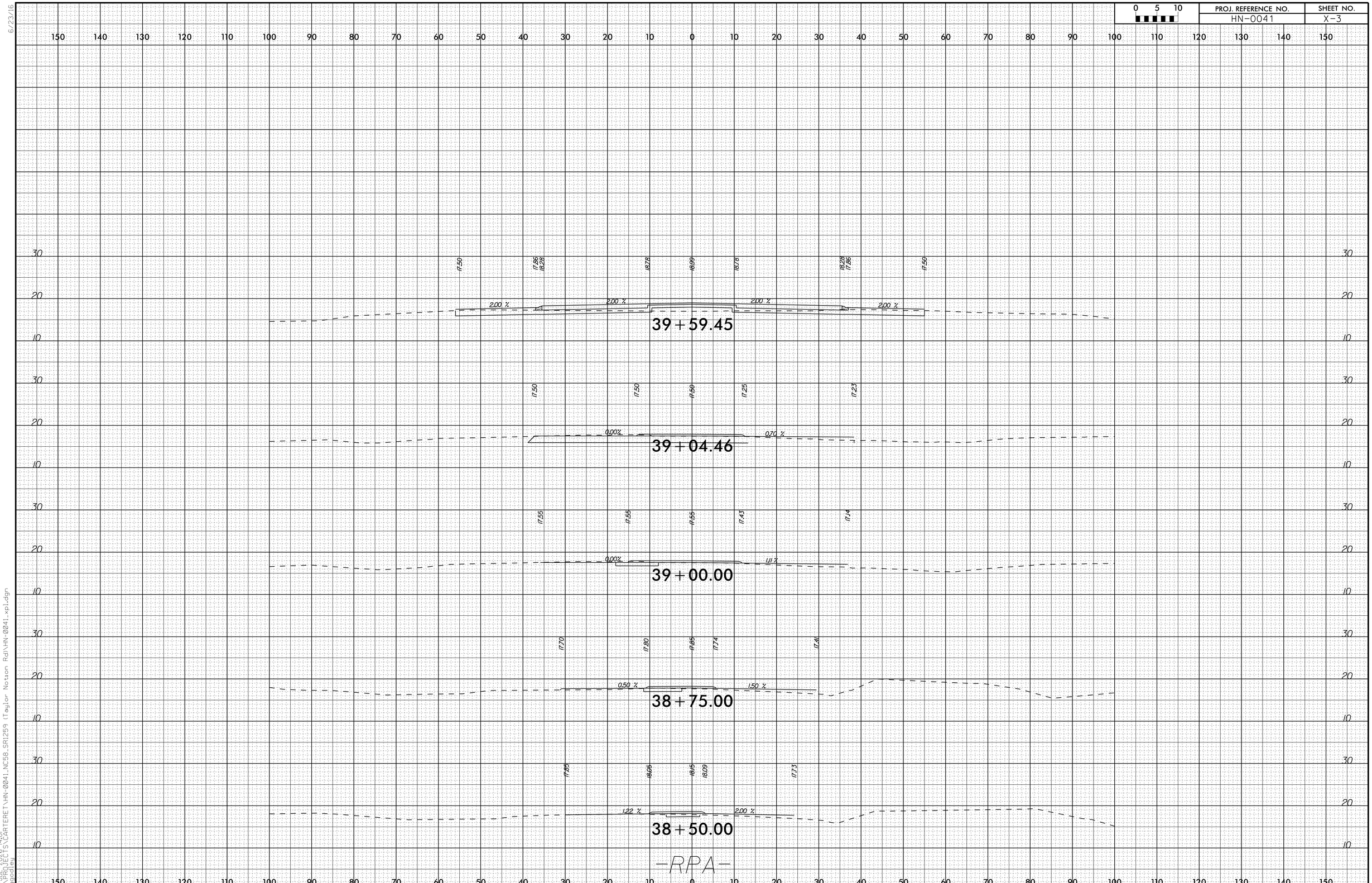

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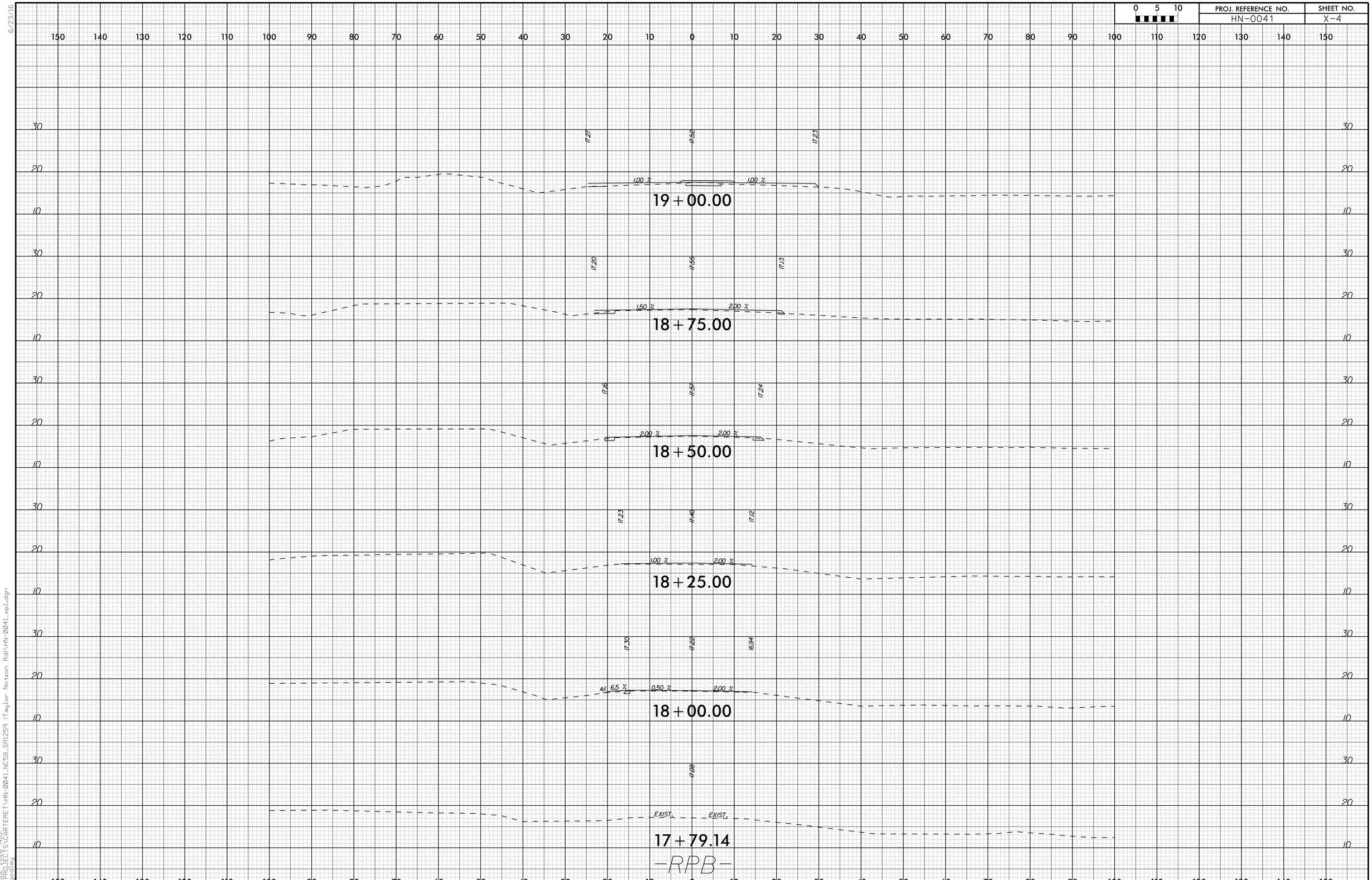

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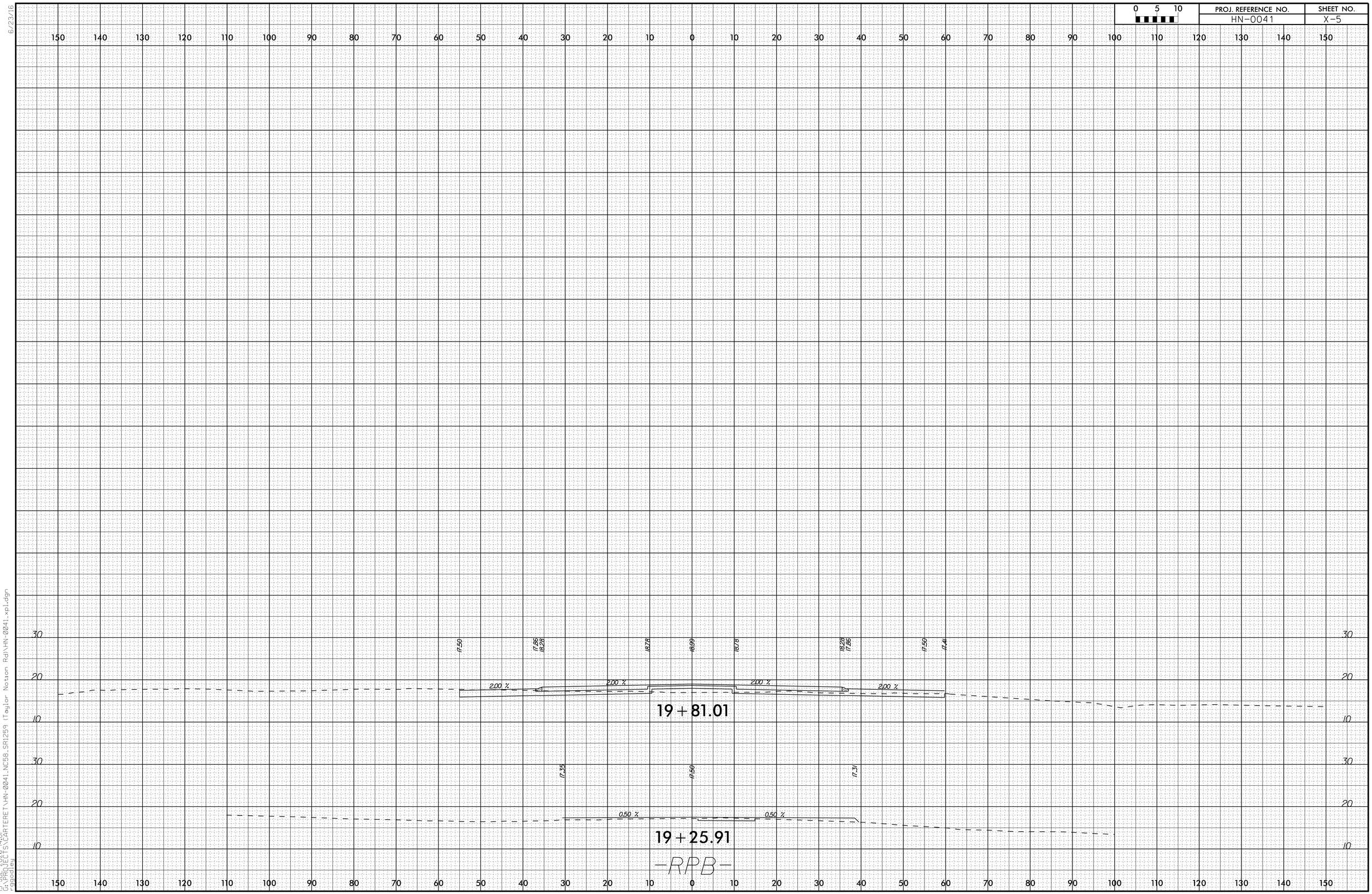

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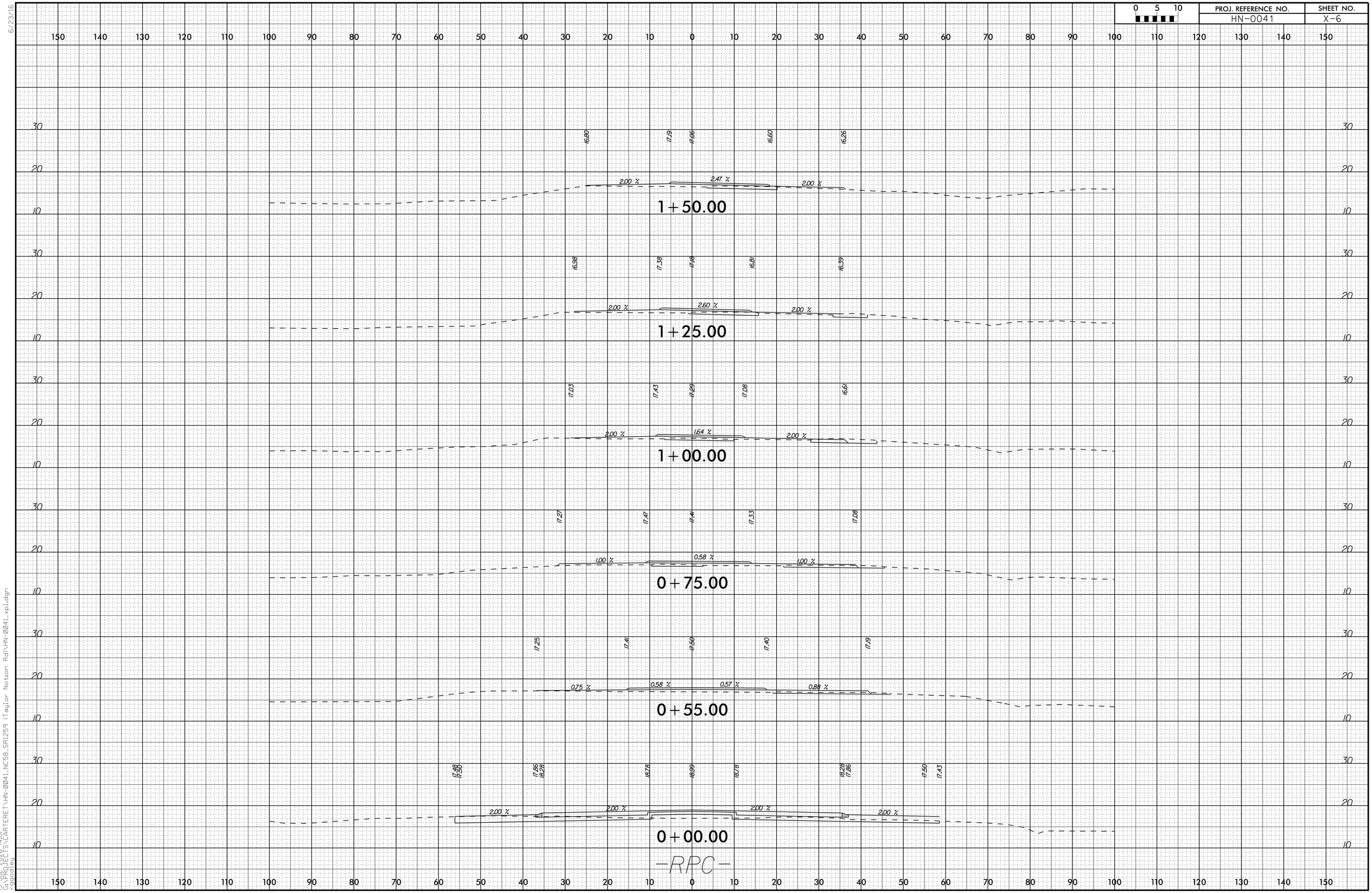

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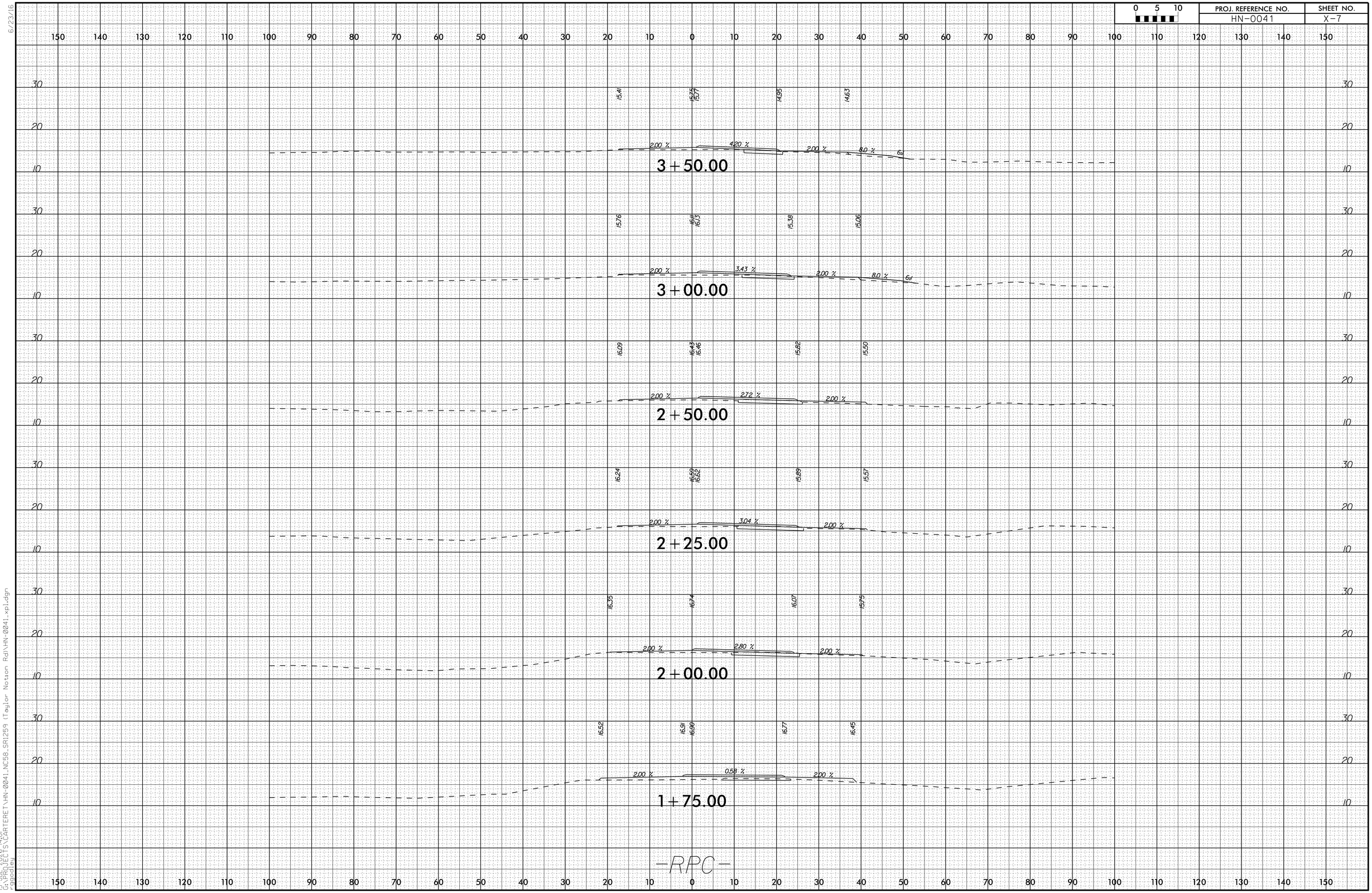

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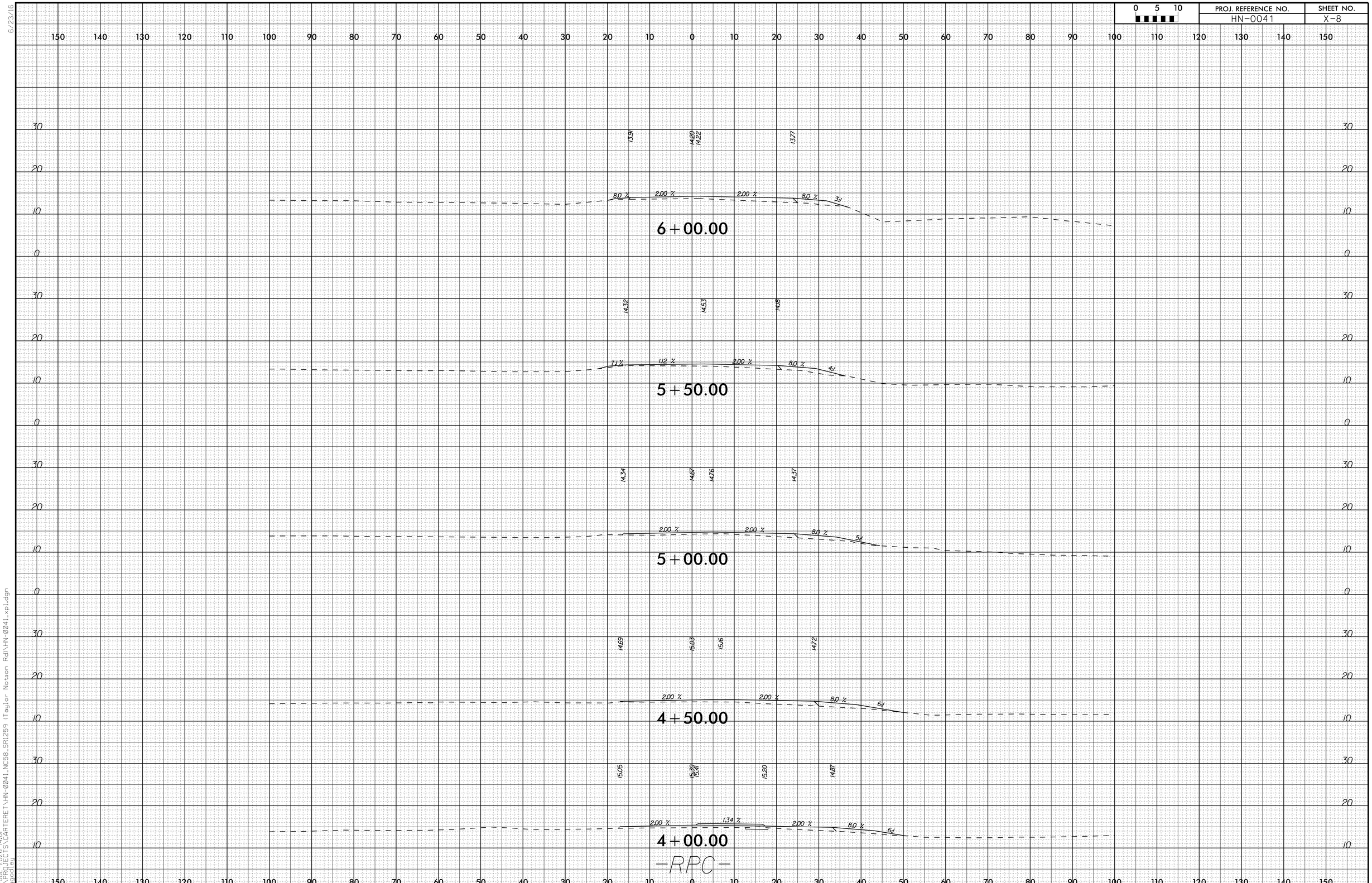

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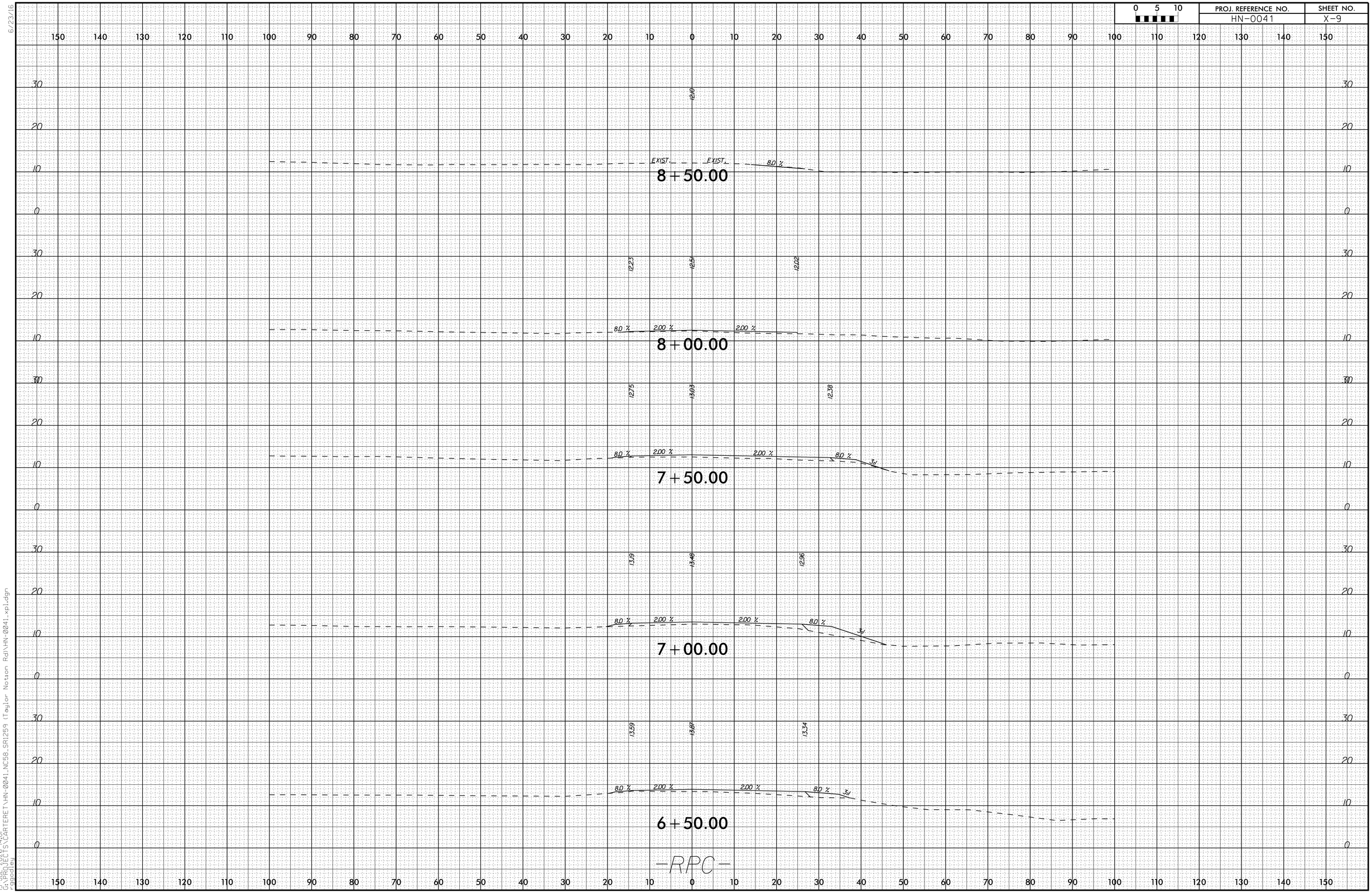

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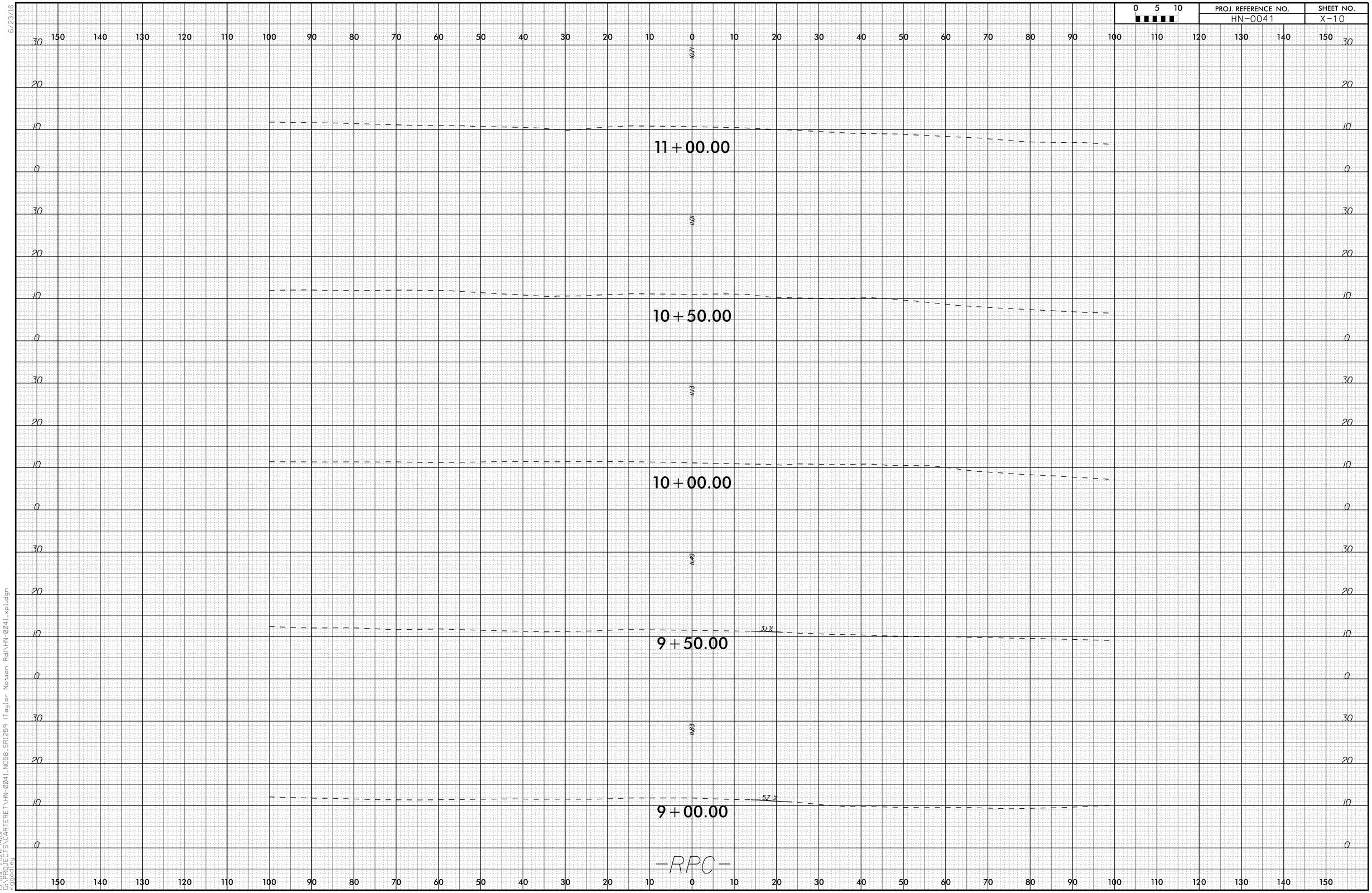

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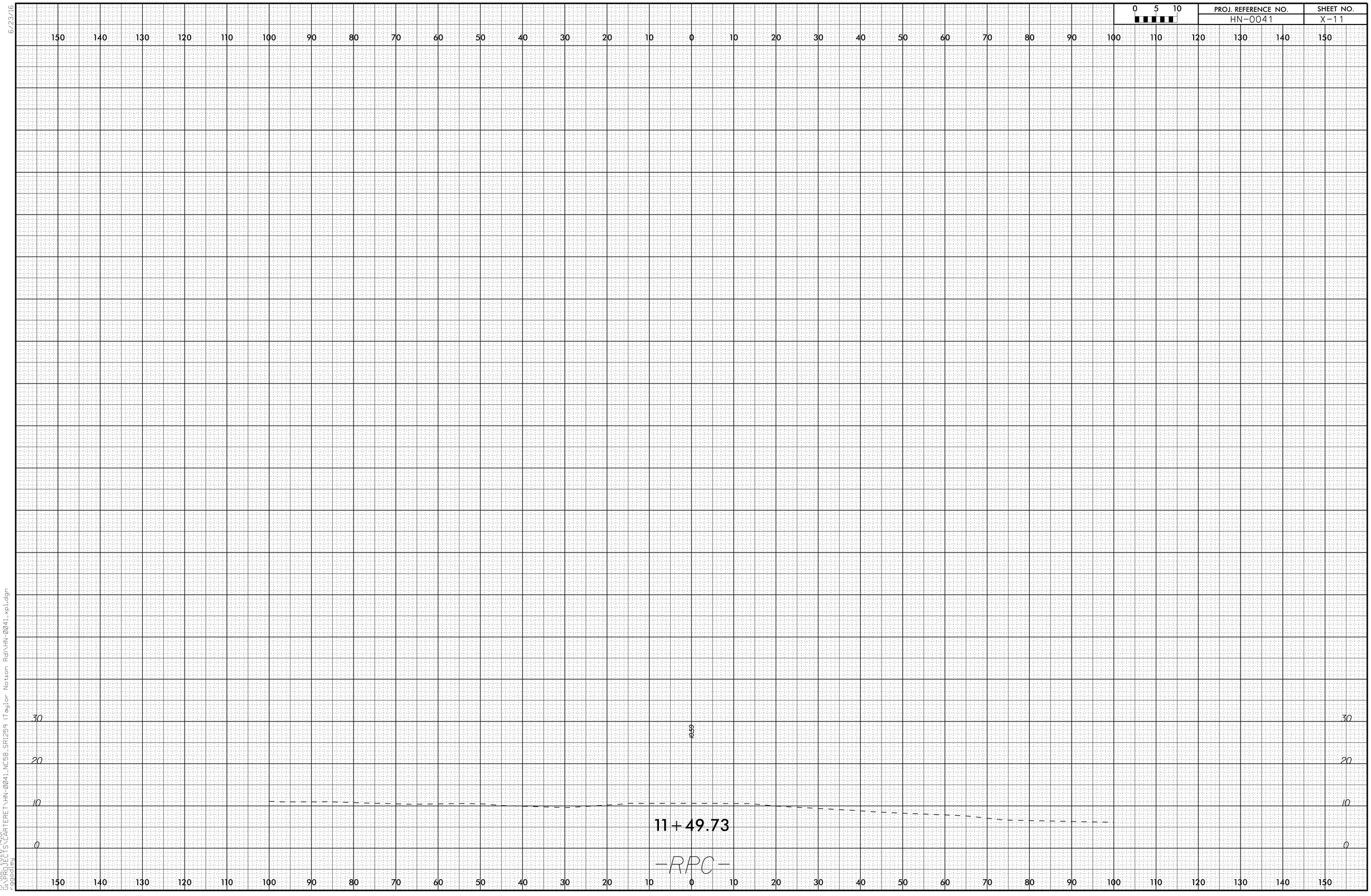

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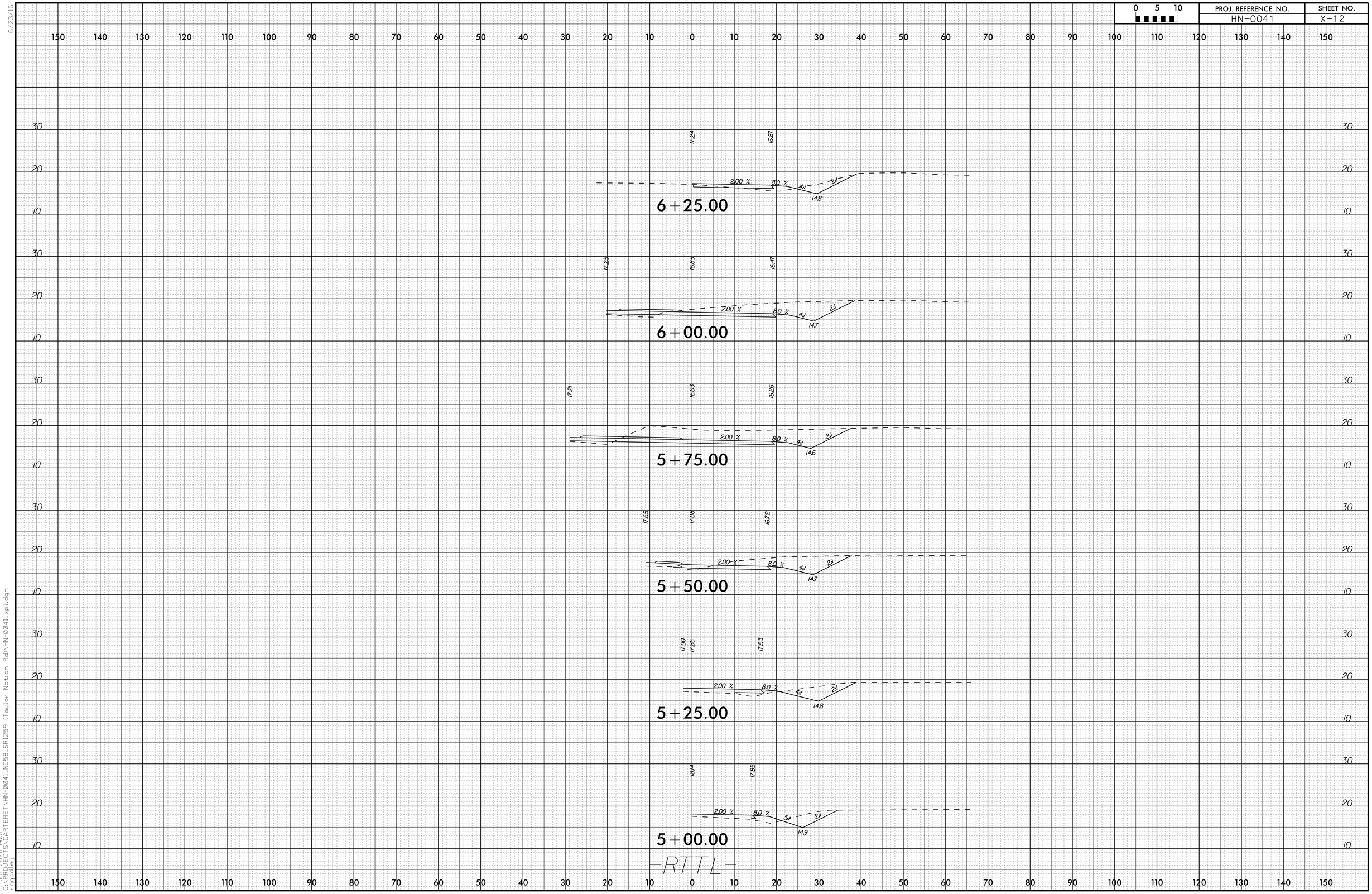

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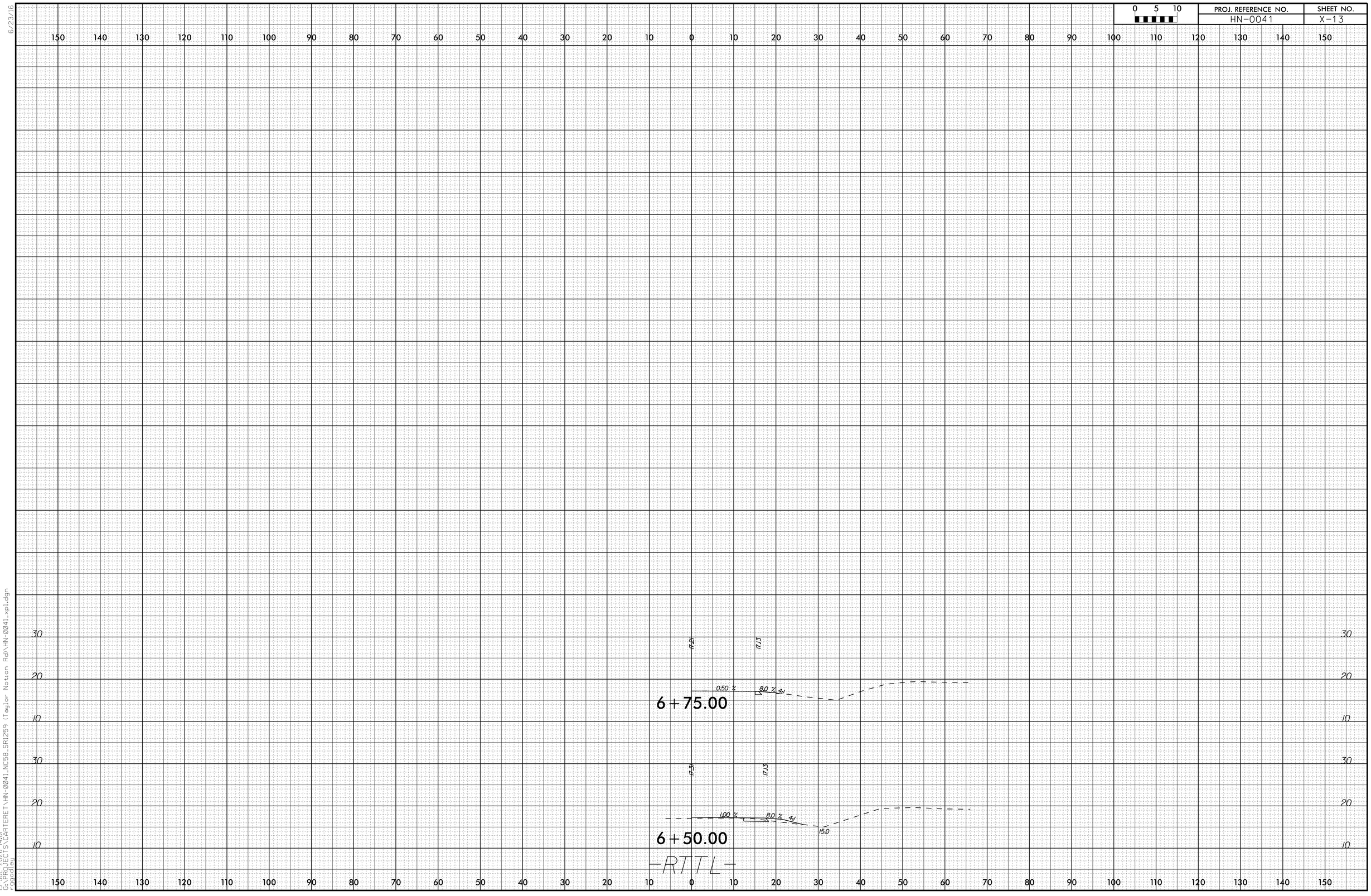

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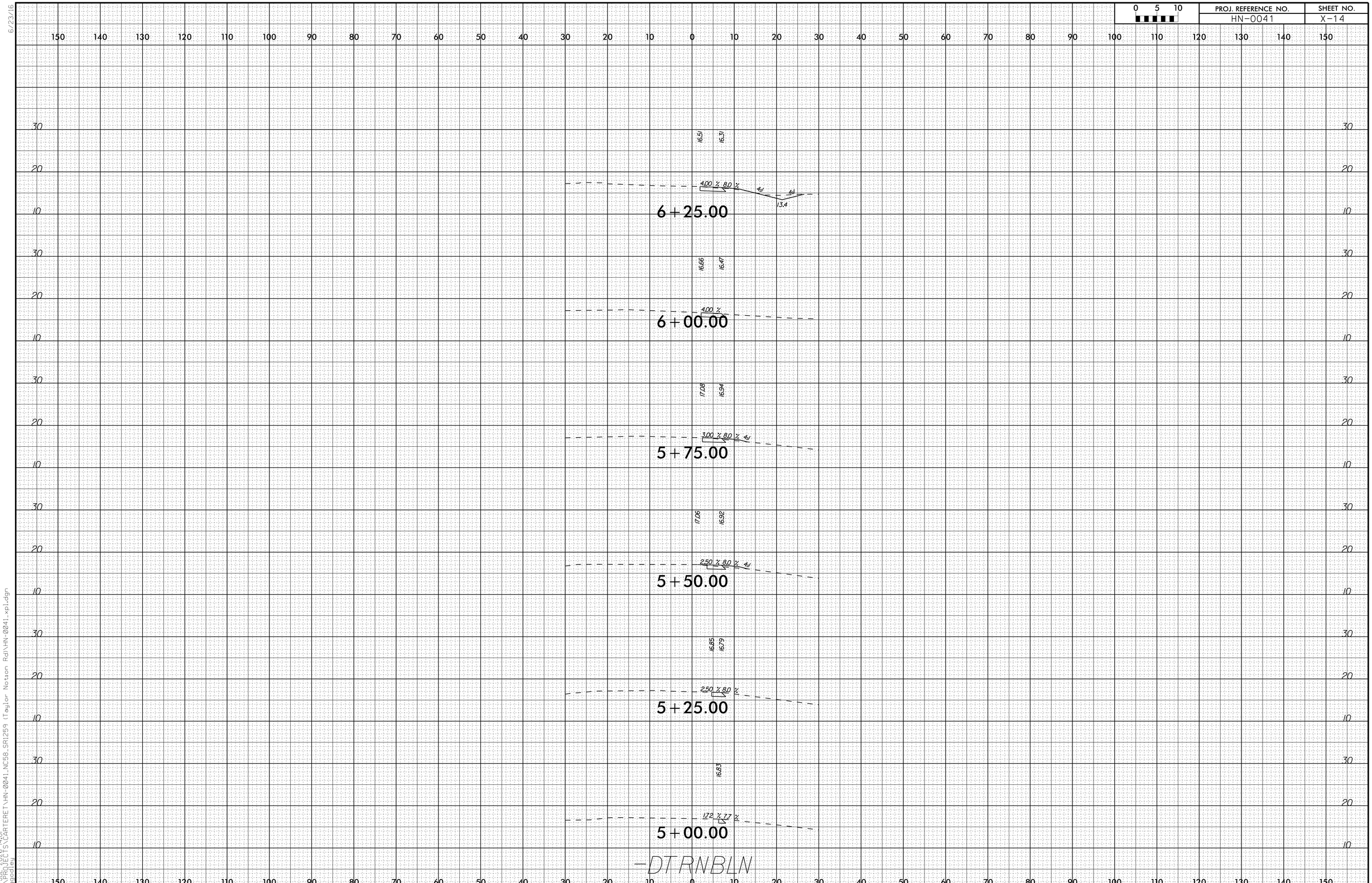

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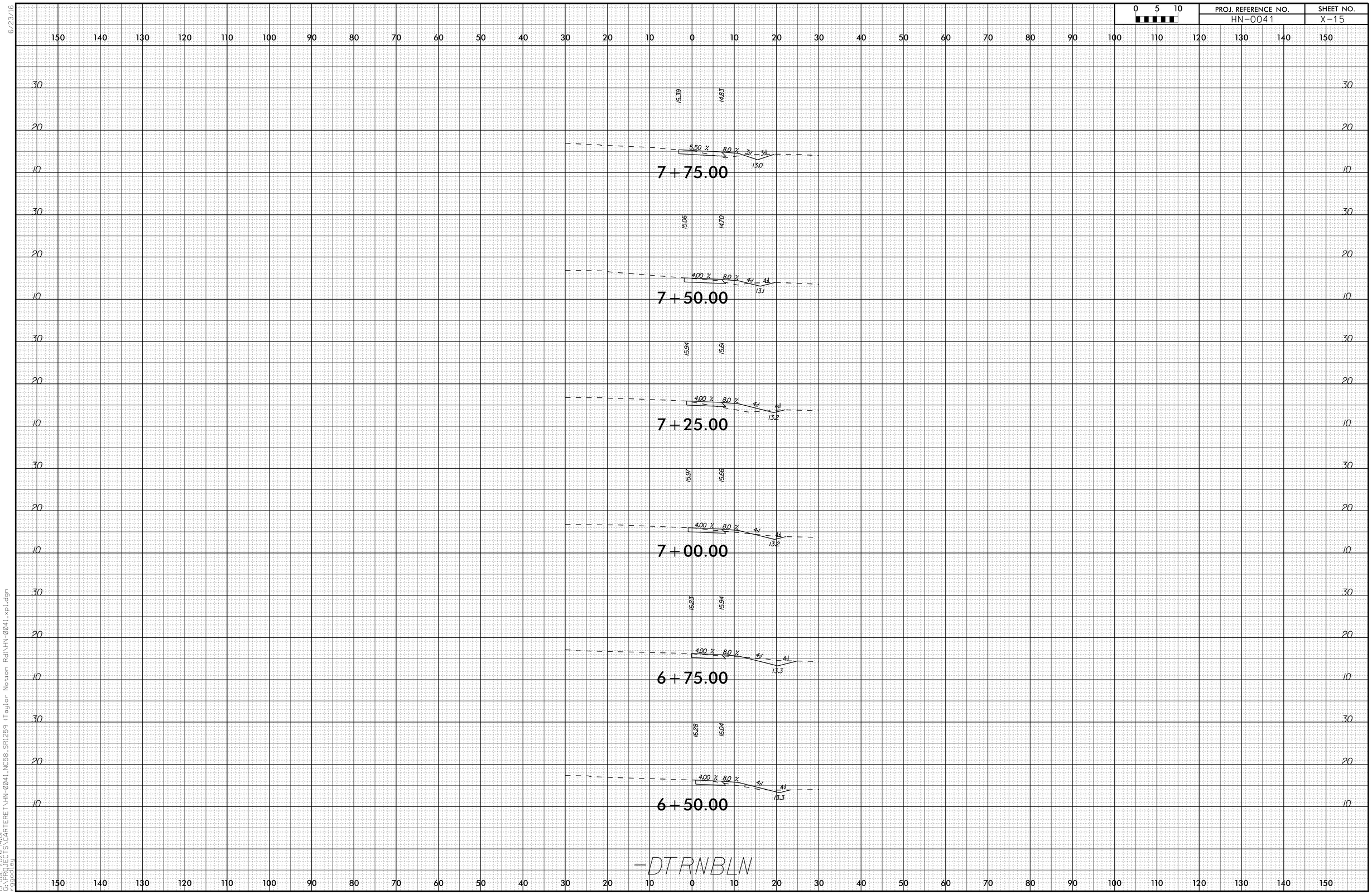

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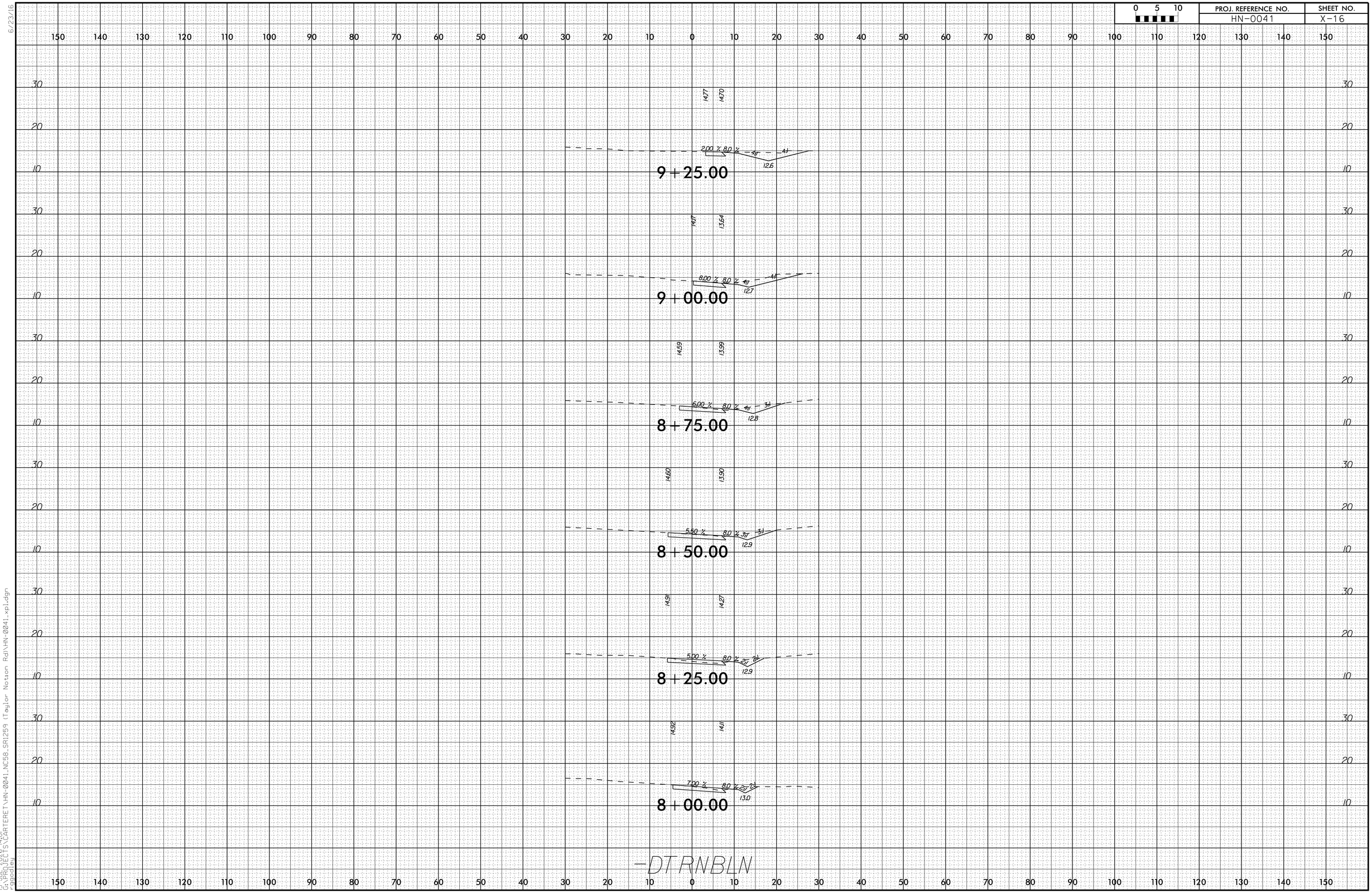

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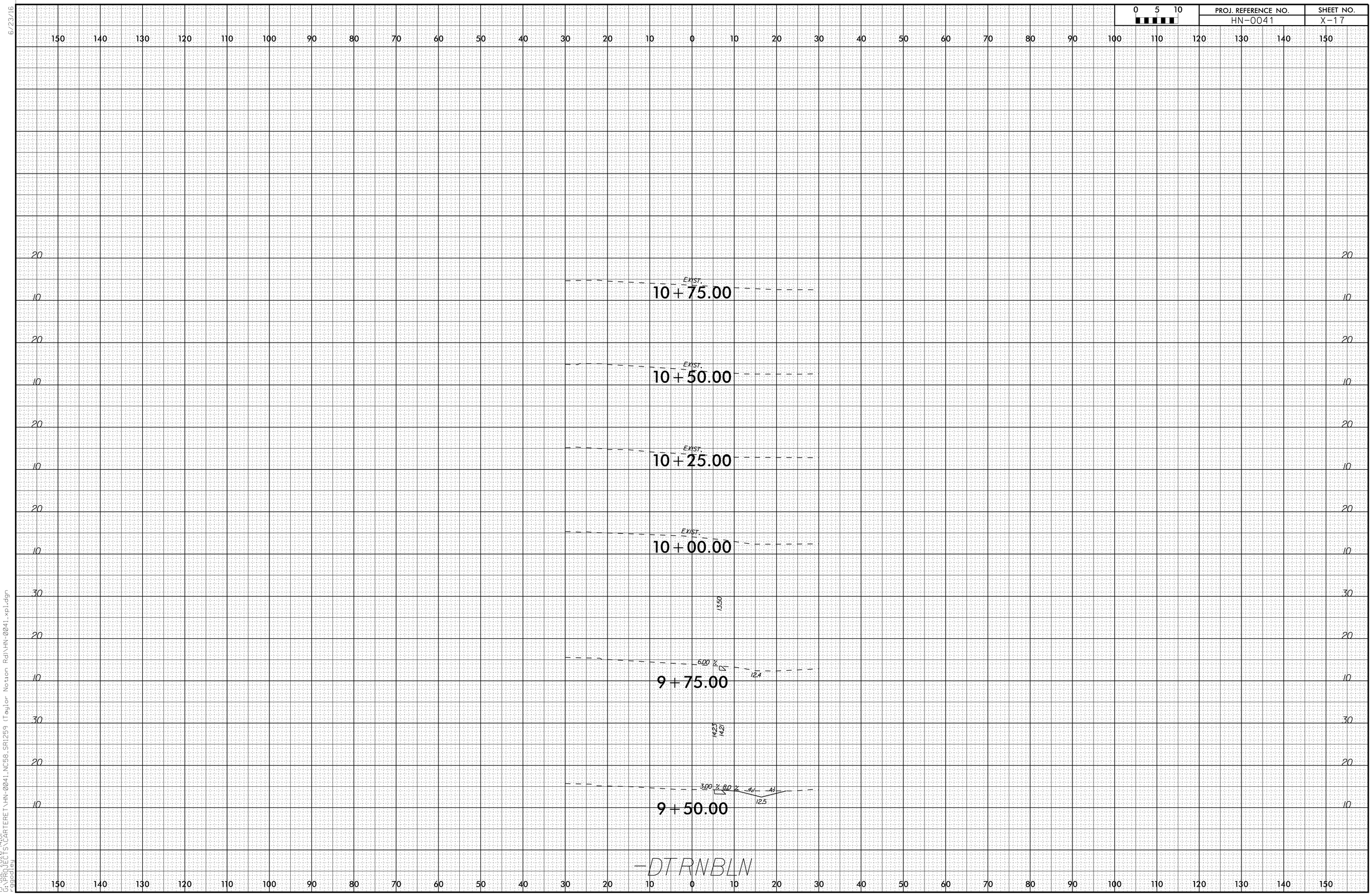

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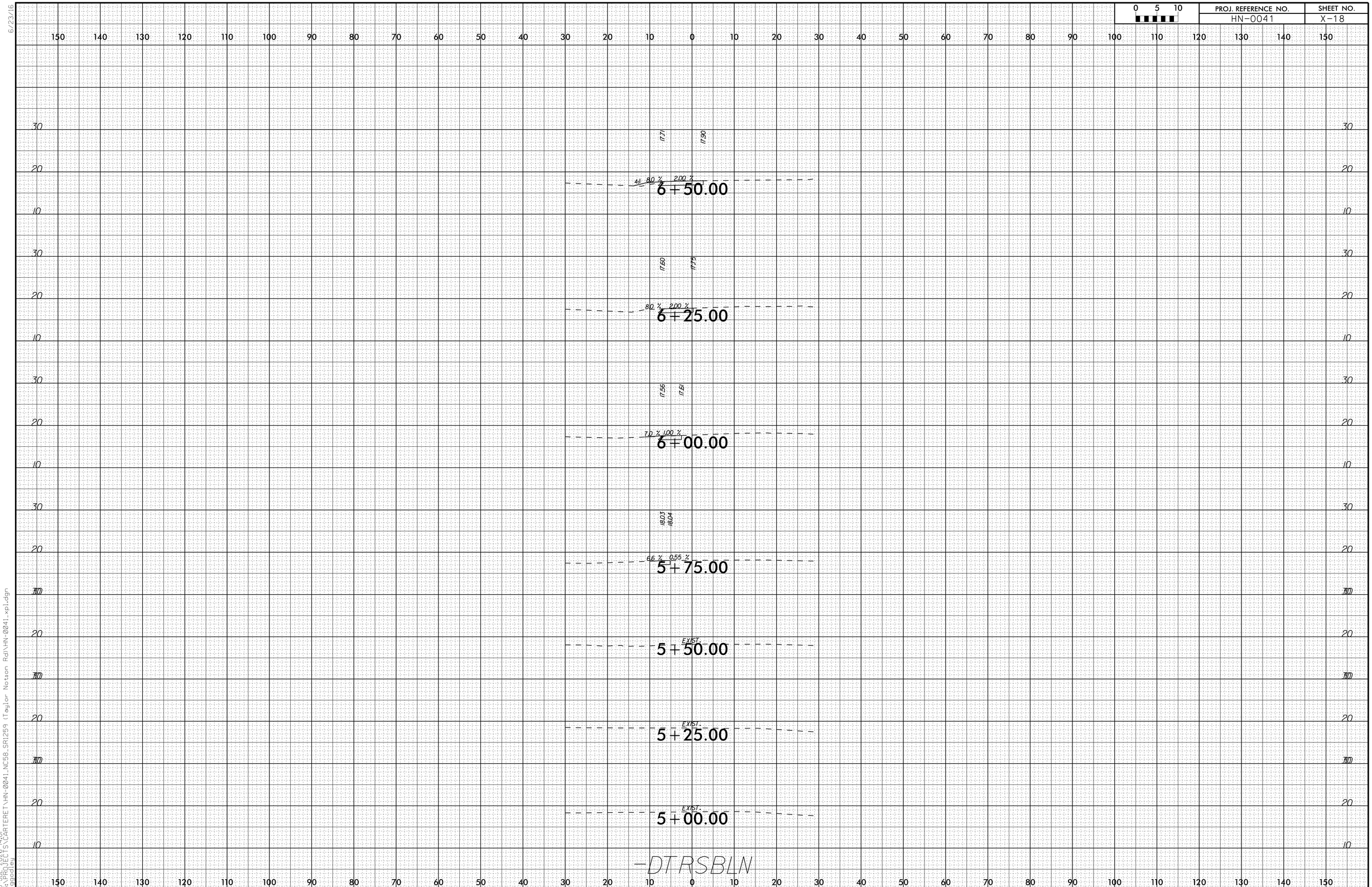

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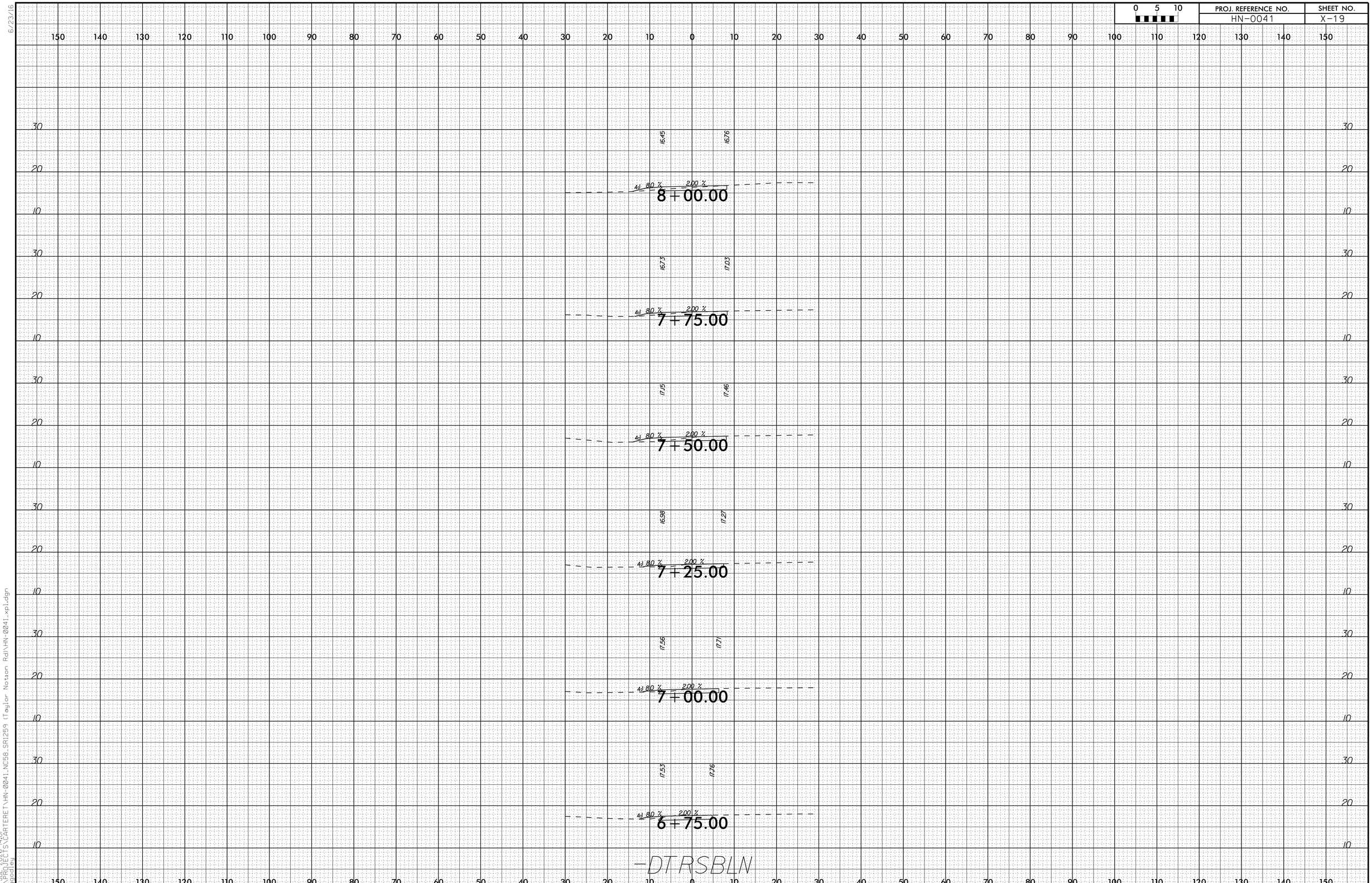

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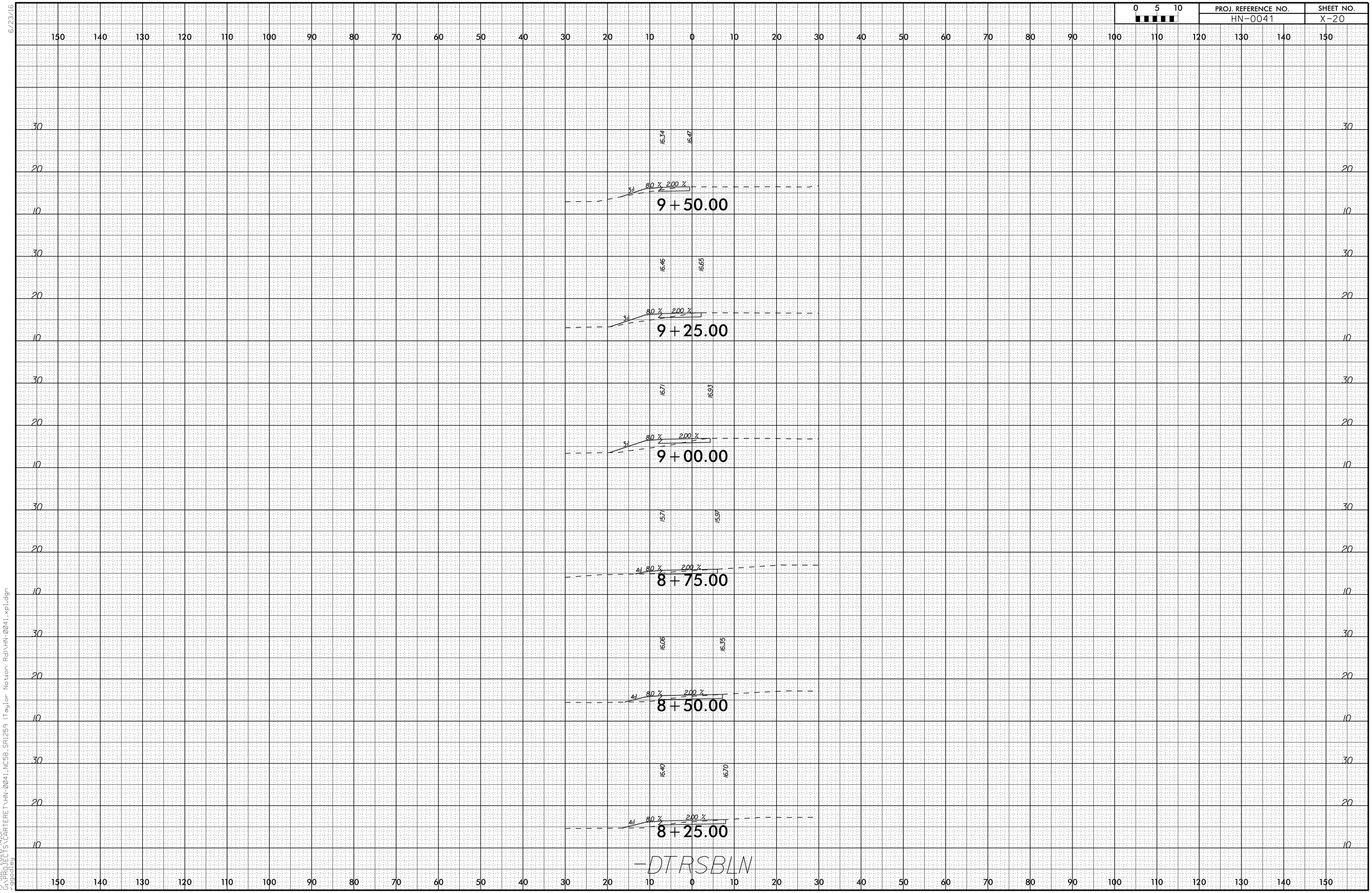

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PROJ. REFERENCE NO.	SHEET NO.
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