



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

DANIEL H. JOHNSON
SECRETARY

August 12, 2026

Addendum No. 1

RE: Contract # C204504

WBS # 44383.3.1

FEDERAL-AID NO. 4438301

Watauga County (U-5810)

SR-1523 (WILSON RIDGE RD)/SR-1514 (BAMBOO RD) FROM SR-1522
(DEERFIELD RD) TO US-421/US-221

August 18, 2026 Letting

To Whom It May Concern:

Reference is made to the plans and proposal furnished to you on this project.

The following revisions have been made to the Transportation Management Plans.

Sheet No.	Revision
TMP-2A	Shoring location #5 removed to reflect quantity revision below. Shoring location #6 re-numbered to #5.
TMP-3A	Notes for Step 1E revised to remove reference to shoring
TMP-21	Shoring removed to reflect quantity revision below
TMP-22	Shoring removed to reflect quantity revision below
TMP-26	Shoring ID changed to 5 in Shoring Table

Please void the above listed sheets in your plans and staple the revised sheets thereto.

The following revisions have been made to the proposal.

Page No.	Revision
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 08-12-2026".

Please void the above listed page in your proposal and staple the revised page thereto.

On the item sheets the following pay item revision has been made:

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT
1591 MAIL SERVICE CENTER
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900
Fax: (919) 250-4127
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1020 BIRCH RIDGE DR.
RALEIGH, NC 27610

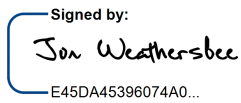
<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
0016-0199000000-E SP	TEMPORARY SHORING	37,390 SF	24,090 SF

The Contractor's bid must include this pay item revision.

The electronic bidding form has been updated on Bid Express to reflect this revision.

The contract will be prepared accordingly.

Sincerely,

Signed by:

E45DA45396074A0...

Jon Weathersbee, PE
State Contract Officer

JHW/jjr
Attachments

cc: Mr. Wiley W. Jones III, PE
Mr. Michael L. Poe, PE
Mr. Joshua C. Sellers, PE
Mr. Malcolm Bell

Mr. Forrest Dungan, PE
Ms. Jaci Kincaid
Mr. Jon Weathersbee, PE
Project File (2)

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

PROPOSAL

INCLUDES ADDENDUM No.1 DATED 08-12-2026

DATE AND TIME OF BID OPENING: **Aug 18, 2026 AT 02:00 PM**

CONTRACT ID C204504
WBS 44383.3.1

FEDERAL-AID NO. 4438301
COUNTY WATAUGA
T.I.P NO. U-5810
MILES 1.825
ROUTE NO. SR-1523
LOCATION SR-1523 (WILSON RIDGE RD)/SR-1514 (BAMBOO RD) FROM SR-1522 (DEERFIELD RD) TO US-421/US-221 .

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$40,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY & STRUCTURE PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0000810000-N	SP	GENERIC MISCELLANEOUS ITEM SLOPE SCALING	120 MHR		
0004	0001000000-E	200	CLEARING & GRUBBING .. ACRE(S)	Lump Sum	L.S.	
0005	0008000000-E	200	SUPPLEMENTARY CLEARING & GRUBBING	2 ACR		
0006	0015000000-N	205	SEALING ABANDONED WELLS	10 EA		
0007	0022000000-E	225	UNCLASSIFIED EXCAVATION	180,370 CY		
0008	0036000000-E	225	UNDERCUT EXCAVATION	5,200 CY		
0009	0098000000-E	220	PRE-SPLITTING OF ROCK	1,350 SY		
0010	0127000000-N	235	EMBANKMENT SETTLEMENT GAUGES	12 EA		
0011	0134000000-E	240	DRAINAGE DITCH EXCAVATION	3,554 CY		
0012	0141000000-E	240	BERM DITCH CONSTRUCTION	1,190 LF		
0013	0156000000-E	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	29,440 SY		
0014	0195000000-E	265	SELECT GRANULAR MATERIAL	4,500 CY		
0015	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	8,600 SY		
0016	0199000000-E	SP	TEMPORARY SHORING	24,090 SF		
0017	0225000000-E	SP	REINFORCED SOIL SLOPES	120 SY		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	0241000000-E	SP	GENERIC GRADING ITEM TURF REINFORCEMENT MAT	1,100 SY		
0019	0241000000-E	SP	GENERIC GRADING ITEM TYPE 1 WIRE MESH	1,100 SY		
0020	0241000000-E	SP	GENERIC GRADING ITEM TYPE 2 WIRE MESH	360 SY		
0021	0248000000-N	SP	GENERIC GRADING ITEM TYPE 2 BRIDGE APPROACH FILL, STATION 83+30.09 -L3-	Lump Sum	L.S.	
0022	0257000000-E	SP	GENERIC GRADING ITEM ANCHOR FOR WIRE MESH	3,500 LF		
0023	0257000000-E	SP	GENERIC GRADING ITEM CONTINGENCY ANCHOR FOR WIRE MESH	450 LF		
0024	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1,230 TON		
0025	0321000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	3,840 SY		
0026	0342000000-E	310	*** SIDE DRAIN PIPE (30")	16 LF		
0027	0343000000-E	310	15" SIDE DRAIN PIPE	1,204 LF		
0028	0344000000-E	310	18" SIDE DRAIN PIPE	368 LF		
0029	0345000000-E	310	24" SIDE DRAIN PIPE	188 LF		
0030	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	1,416 LF		
0031	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	1,148 LF		
0032	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	768 LF		
0033	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	792 LF		
0034	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	112 LF		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0035	0396000000-E	310	42" RC PIPE CULVERTS, CLASS III	152 LF		
0036	0408000000-E	310	54" RC PIPE CULVERTS, CLASS III	164 LF		
0037	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (54")	64 LF		
0038	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (66")	172 LF		
0039	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	2,148 LF		
0040	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	552 LF		
0041	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	248 LF		
0042	0448500000-E	310	30" RC PIPE CULVERTS, CLASS IV	324 LF		
0043	0448600000-E	310	36" RC PIPE CULVERTS, CLASS IV	544 LF		
0044	0448700000-E	310	42" RC PIPE CULVERTS, CLASS IV	124 LF		
0045	0449000000-E	310	*** RC PIPE CULVERTS, CLASS V (15")	48 LF		
0046	0536000000-E	310	***** HDPE PIPE CULVERTS (6")	24 LF		
0047	0576000000-E	310	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")	52 LF		
0048	0576000000-E	310	*** CS PIPE CULVERTS, ***** THICK (54", 0.109")	44 LF		
0049	0582000000-E	310	15" CS PIPE CULVERTS, 0.064" THICK	740 LF		
0050	0588000000-E	310	18" CS PIPE CULVERTS, 0.064" THICK	16 LF		
0051	0594000000-E	310	24" CS PIPE CULVERTS, 0.064" THICK	12 LF		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0052	0600000000-E	310	30" CS PIPE CULVERTS, 0.079" THICK	76 LF		
0053	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	28 EA		
0054	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	8 EA		
0055	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	2 EA		
0056	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (30", 0.079")	2 EA		
0057	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (36", 0.079")	2 EA		
0058	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (54", 0.109")	2 EA		
0059	0973100000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (36", 0.500")	62 LF		
0060	0973100000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (54", 0.750")	40 LF		
0061	0973100000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (66", 0.875")	108 LF		
0062	0973300000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.500")	62 LF		
0063	0973300000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (54", 0.750")	40 LF		
0064	0973300000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (66", 0.875")	108 LF		
0065	0995000000-E	340	PIPE REMOVAL	3,815 LF		
0066	1011000000-N	500	FINE GRADING	Lump Sum	L.S.	
0067	1099500000-E	505	SHALLOW UNDERCUT	500 CY		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0068	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	1,000 TON		
0069	1112000000-E	505	GEOTEXTILE FOR SUBGRADE STABILIZATION	1,500 SY		
0070	1121000000-E	520	AGGREGATE BASE COURSE	5,800 TON		
0071	1220000000-E	545	INCIDENTAL STONE BASE	500 TON		
0072	1231000000-E	560	SHOULDER BORROW	3,230 CY		
0073	1275000000-E	600	PRIME COAT	7,476 GAL		
0074	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	9,200 SY		
0075	1330000000-E	607	INCIDENTAL MILLING	1,350 SY		
0076	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	13,600 TON		
0077	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	11,300 TON		
0078	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	11,750 TON		
0079	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	1,920 TON		
0080	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	360 TON		
0081	1891000000-E	SP	GENERIC PAVING ITEM 12" CONCRETE TRUCK APRON	1,420 SY		
0082	2022000000-E	815	SUBDRAIN EXCAVATION	605 CY		
0083	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	1,200 SY		
0084	2033000000-E	815	SUBDRAIN FINE AGGREGATE	252 CY		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0085	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	202 CY		
0086	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	2,700 LF		
0087	2070000000-N	815	SUBDRAIN PIPE OUTLET	6 EA		
0088	2077000000-E	815	6" OUTLET PIPE	36 LF		
0089	2190000000-N	828	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	11 EA		
0090	2209000000-E	838	ENDWALLS	15.6 CY		
0091	2220000000-E	838	REINFORCED ENDWALLS	53.6 CY		
0092	2275000000-E	SP	FLOWABLE FILL	192 CY		
0093	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	148 EA		
0094	2297000000-E	840	MASONRY DRAINAGE STRUCTURES	28.7 CY		
0095	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	241.7 LF		
0096	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	4 EA		
0097	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	47 EA		
0098	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	24 EA		
0099	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	8 EA		
0100	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	25 EA		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0101	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	23 EA		
0102	2396000000-N	840	FRAME WITH COVER, STD 840.54	29 EA		
0103	2451000000-N	852	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	4 EA		
0104	2473000000-N	SP	GENERIC DRAINAGE ITEM ENERGY DISSIPATOR	4 EA		
0105	2535000000-E	846	*** X *** CONCRETE CURB (8" X 18")	710 LF		
0106	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	9,740 LF		
0107	2556000000-E	846	SHOULDER BERM GUTTER	266 LF		
0108	2577000000-E	846	CONCRETE EXPRESSWAY GUTTER	1,390 LF		
0109	2612000000-E	848	6" CONCRETE DRIVEWAY	340 SY		
0110	2619000000-E	850	4" CONCRETE PAVED DITCH	700 SY		
0111	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	420 SY		
0112	2724000000-E	857	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	430 LF		
0113	2830000000-N	858	ADJUSTMENT OF MANHOLES	2 EA		
0114	3030000000-E	862	STEEL BEAM GUARDRAIL	8,325 LF		
0115	3045000000-E	862	STEEL BEAM GUARDRAIL, SHOP CURVED	1,800 LF		
0116	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	10 EA		
0117	3165500000-N	862	GUARDRAIL END UNITS, TYPE ***** (BIC)	1 EA		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0118	3195000000-N	862	GUARDRAIL END UNITS, TYPE AT-1	7 EA		
0119	3210000000-N	862	GUARDRAIL END UNITS, TYPE CAT-1	1 EA		
0120	3215000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE III	4 EA		
0121	3288000000-N	862	GUARDRAIL END UNITS, TYPE TL-2	35 EA		
0122	3317000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE B-77	2 EA		
0123	3360000000-E	863	REMOVE EXISTING GUARDRAIL	2,221 LF		
0124	3380000000-E	862	TEMPORARY STEEL BEAM GUARDRAIL	850 LF		
0125	3389150000-N	862	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (AT-1)	2 EA		
0126	3389150000-N	862	TEMPORARY GUARDRAIL END UNITS, TYPE ***** (TL-2)	6 EA		
0127	3389160000-N	862	TEMPORARY ADDITIONAL GUARDRAIL POSTS	5 EA		
0128	3533000000-E	866	CHAIN LINK FENCE, *** FABRIC (72")	3,771 LF		
0129	3539000000-E	866	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")	312 EA		
0130	3545000000-E	866	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")	26 EA		
0131	3557000000-E	866	ADDITIONAL BARBED WIRE	120 LF		
0132	3559000000-E	866	** STRAND BARBED WIRE FENCE WITH POSTS (4)	2,000 LF		
0133	3628000000-E	876	RIP RAP, CLASS I	1,520 TON		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0134	3635000000-E	876	RIP RAP, CLASS II	290 TON		
0135	3649000000-E	876	RIP RAP, CLASS B	1,970 TON		
0136	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	10,850 SY		
0137	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	1,090 LF		
0138	4096000000-N	904	SIGN ERECTION, TYPE D	1 EA		
0139	4102000000-N	904	SIGN ERECTION, TYPE E	85 EA		
0140	4116100000-N	904	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)	2 EA		
0141	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	47 EA		
0142	4192000000-N	907	DISPOSAL OF SUPPORT, U-CHANNEL	2 EA		
0143	4360000000-N	SP	GENERIC SIGNING ITEM TYPE 3 FLEXIBLE GROUND MOUNTED OBJECT MARKERS	9 EA		
0144	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	2,531 SF		
0145	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	257 SF		
0146	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	563 SF		
0147	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	4 EA		
0148	4430000000-N	1130	DRUMS	294 EA		
0149	4435000000-N	1135	CONES	86 EA		
0150	4445000000-E	1145	BARRICADES (TYPE III)	576 LF		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0151	4447000000-E	SP	PEDESTRIAN CHANNELIZING DEVICES	8 LF		
0152	4455000000-N	1150	FLAGGER	1,440 DAY		
0153	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	9 EA		
0154	4480000000-N	1165	TMA	1 EA		
0155	4485000000-E	1170	PORTABLE CONCRETE BARRIER	3,040 LF		
0156	4490000000-E	1170	PORTABLE CONCRETE BARRIER (ANCHORED)	1,250 LF		
0157	4500000000-E	1170	REMOVE AND RESET PORTABLE CONCRETE BARRIER	170 LF		
0158	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	418 EA		
0159	4770000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	420 LF		
0160	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	202,650 LF		
0161	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	2,910 LF		
0162	4825000000-E	1205	PAINT PAVEMENT MARKING LINES (12")	190 LF		
0163	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	790 LF		
0164	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	24 EA		
0165	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	24,051 LF		
0166	4855000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (6")	1,460 LF		
0167	4860000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (8")	170 LF		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0168	4865000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (12")	95 LF		
0169	4870000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (24")	170 LF		
0170	4875000000-N	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	3 EA		
0171	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM YIELD LINE INTEGRATED MULTIPOLYMER PAVEMENT MARKING (24", 90 MILS)	193 LF		
0172	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM YIELD LINE PAINT PAVEMENT MARKING (24")	384 LF		
0173	4891000000-E	1205	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING LINES (24", 90 MILS)	175 LF		
0174	4891000000-E	1205	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING LINES (4", 90 MILS)	48,064 LF		
0175	4891000000-E	1205	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING LINES (8", 90 MILS)	517 LF		
0176	4892000000-N	1205	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING SYMBOLS (90 MILS)	8 EA		
0177	4895000000-N	SP	GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H-SHAPED MARKERS	200 EA		
0178	5326200000-E	1510	12" WATER LINE	1,108 LF		
0179	5326600000-E	1510	16" WATER LINE	617 LF		
0180	5329000000-E	1510	DUCTILE IRON WATER PIPE FITTINGS	6,025 LB		
0181	5540000000-E	1515	6" VALVE	2 EA		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0182	5558000000-E	1515	12" VALVE	9 EA		
0183	5558600000-E	1515	16" VALVE	3 EA		
0184	5643200000-E	1515	2" WATER METER	1 EA		
0185	5648000000-N	1515	RELOCATE WATER METER	1 EA		
0186	5649000000-N	1515	RECONNECT WATER METER	1 EA		
0187	5666000000-N	1515	FIRE HYDRANT	2 EA		
0188	5673000000-E	1515	FIRE HYDRANT LEG	11 LF		
0189	5691300000-E	1520	8" SANITARY GRAVITY SEWER	339 LF		
0190	5775000000-E	1525	4' DIA UTILITY MANHOLE	4 EA		
0191	5801000000-E	1530	ABANDON 8" UTILITY PIPE	43 LF		
0192	5804000000-E	1530	ABANDON 12" UTILITY PIPE	1,015 LF		
0193	5810000000-E	1530	ABANDON 16" UTILITY PIPE	509 LF		
0194	5828000000-N	1530	REMOVE UTILITY MANHOLE	1 EA		
0195	5835800000-E	1540	18" ENCASEMENT PIPE	78 LF		
0196	5836000000-E	1540	24" ENCASEMENT PIPE	161 LF		
0197	5836200000-E	1540	30" ENCASEMENT PIPE	230 LF		
0198	5872500000-E	1550	BORE AND JACK OF *** (24")	73 LF		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0199	5882000000-N	SP	GENERIC UTILITY ITEM REMOVE AND STOCKPILE FIRE HYDRANT	3 EA		
0200	6000000000-E	1605	TEMPORARY SILT FENCE	37,325 LF		
0201	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	3,140 TON		
0202	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	3,735 TON		
0203	6012000000-E	1610	SEDIMENT CONTROL STONE	4,425 TON		
0204	6015000000-E	1615	TEMPORARY MULCHING	44.5 ACR		
0205	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	2,200 LB		
0206	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	11.5 TON		
0207	6024000000-E	1622	TEMPORARY SLOPE DRAINS	1,050 LF		
0208	6029000000-E	SP	SAFETY FENCE	3,840 LF		
0209	6030000000-E	1630	SILT EXCAVATION	15,330 CY		
0210	6036000000-E	1631	MATTING FOR EROSION CONTROL	123,125 SY		
0211	6037000000-E	1629	COIR FIBER MAT	700 SY		
0212	6042000000-E	1632	1/4" HARDWARE CLOTH	5,710 LF		
0213	6043000000-E	1644	LOW PERMEABILITY GEOTEXTILE	25,000 SY		
0214	6045000000-E	SP	*** TEMPORARY PIPE (15")	42 LF		
0215	6045000000-E	SP	*** TEMPORARY PIPE (18")	30 LF		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0216	6045000000-E	SP	*** TEMPORARY PIPE (24")	32 LF		
0217	6045000000-E	SP	*** TEMPORARY PIPE (30")	102 LF		
0218	6045000000-E	SP	*** TEMPORARY PIPE (36")	85 LF		
0219	6045000000-E	SP	*** TEMPORARY PIPE (48")	260 LF		
0220	6046000000-E	1636	TEMPORARY PIPE FOR STREAM CROSSING	50 LF		
0221	6070000000-N	1639	SPECIAL STILLING BASINS	10 EA		
0222	6071002000-E	1642	FLOCCULANT	3,075 LB		
0223	6071012000-E	1642	COIR FIBER WATTLE	4,040 LF		
0224	6071014000-E	1642	COIR FIBER WATTLE BARRIER	2,635 LF		
0225	6071030000-E	1640	COIR FIBER BAFFLE	2,335 LF		
0226	6071050000-E	1644	*** SKIMMER (1-1/2")	13 EA		
0227	6071050000-E	1644	*** SKIMMER (2")	2 EA		
0228	6084000000-E	1660	SEEDING & MULCHING	39 ACR		
0229	6087000000-E	1660	MOWING	36 ACR		
0230	6090000000-E	1661	SEED FOR REPAIR SEEDING	450 LB		
0231	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	1.5 TON		
0232	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	900 LB		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0233	6108000000-E	1665	FERTILIZER TOPDRESSING	27 TON		
0234	6111000000-E	SP	IMPERVIOUS DIKE	376 LF		
0235	6114500000-N	1667	SPECIALIZED HAND MOWING	40 MHR		
0236	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	100 EA		
0237	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	4 EA		
0238	6123000000-E	1670	REFORESTATION	1 ACR		
0239	6132000000-N	SP	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT	24 EA		
0240	6141000000-E	SP	GENERIC EROSION CONTROL ITEM PERMANENT SOIL REINFORCEMENT MAT, TYPE 1	45 SY		
0241	6141000000-E	SP	GENERIC EROSION CONTROL ITEM PERMANENT SOIL REINFORCEMENT MAT, TYPE 3	325 SY		
0242	7060000000-E	1705	SIGNAL CABLE	3,200 LF		
0243	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	15 EA		
0244	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	1 EA		
0245	7264000000-E	1710	MESSENGER CABLE (3/8")	1,025 LF		
0246	7300000000-E	1715	UNPAVED TRENCHING (***** (1, 2"))	20 LF		
0247	7360000000-N	1720	WOOD POLE	1 EA		
0248	7372000000-N	1721	GUY ASSEMBLY	4 EA		
0249	7575142060-N	1737	MODIFY RADIO INSTALLATION	1 EA		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0250	7576000000-N	SP	METAL STRAIN SIGNAL POLE	4 EA		
0251	7613000000-N	SP	SOIL TEST	4 EA		
0252	7614100000-E	SP	DRILLED PIER FOUNDATION	32 CY		
0253	7636000000-N	1745	SIGN FOR SIGNALS	1 EA		
0254	7980000000-N	SP	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTORS - MULTIPLE ZONES (APPROACH)	2 EA		
0255	7980000000-N	SP	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTORS - MULTIPLE ZONES (PRESENCE)	2 EA		
0256	7980000000-N	SP	GENERIC SIGNAL ITEM MODIFY EXISTING VEHICLE SIGNAL HEAD	2 EA		
CULVERT ITEMS						
0257	8130000000-N	414	BOX CULVERT EXCAVATION, STA ***** (52+14.00 -L-)	Lump Sum	L.S.	
0258	8133000000-E	414	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	195 TON		
0259	8196000000-E	420	CLASS A CONCRETE (CULVERT)	330.3 CY		
0260	8245000000-E	425	REINFORCING STEEL (CULVERT)	57,293 LB		
WALL ITEMS						
0261	8801000000-E	SP	MSE RETAINING WALL NO **** (10)	12,827 SF		
0262	8801000000-E	SP	MSE RETAINING WALL NO **** (11)	6,108 SF		
0263	8802010000-E	SP	SOIL NAIL RETAINING WALLS	23,603 SF		
0264	8802015100-N	SP	SOIL NAIL VERIFICATION TESTS	8 EA		

County: WATAUGA

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0265	8802015110-N	SP	SOIL NAIL PROOF TESTS	54 EA		
0266	8802040000-E	453	CIP GRAVITY RETAINING WALLS	320 SF		
0267	8847000000-E	SP	GENERIC RETAINING WALL ITEM SMSE RETAINING WALL NO 5	13,308 SF		
STRUCTURE ITEMS						
0268	8156000000-E	SP	CONCRETE WEARING SURFACE	2,278 SF		
0269	8161000000-E	420	GROOVING BRIDGE FLOORS	3,098 SF		
0270	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	57.2 CY		
0271	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (83+30.09 -L3-)	Lump Sum	L.S.	
0272	8217000000-E	425	REINFORCING STEEL (BRIDGE)	8,212 LB		
0273	8328200000-E	450	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)	14 EA		
0274	8384000000-E	450	HP 14 X 73 STEEL PILES	840 LF		
0275	8475000000-E	460	TWO BAR METAL RAIL	40.29 LF		
0276	8505000000-E	460	VERTICAL CONCRETE BARRIER RAIL	170.98 LF		
0277	8517000000-E	460	1'*** X ***** CONCRETE PARAPET (1'-2 X 2'-9 3/4")	47.79 LF		
0278	8531000000-E	462	4" SLOPE PROTECTION	30.8 SY		
0279	8657000000-N	430	ELASTOMERIC BEARINGS	Lump Sum	L.S.	
0280	8762000000-E	430	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS	812.46 LF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0281	8867000000-E	SP	GENERIC STRUCTURE ITEM PROTECTIVE CONCRETE BARRIER	184.86 LF		
0282	8867000000-E	SP	GENERIC STRUCTURE ITEM VERTICAL CONCRETE BARRIER RAIL ON STRIP FOOTING	45 LF		

0847/Aug12/Q1090342.78/D1102716550270/E282

Total Amount Of Bid For Entire Project :

Table 1: Temporary Shoring Locations

Shoring Location No.	Begin Station & Offset	End Station & Offset	Estimated Maximum Height (ft.)	Average Height (ft.)	Shoring Location, Type,Traffic Control Plan
1	-L- 51+33± 29.7' Rt.	-L- 52+46± 37.0' Rt.	17.0	10.5	Culvert (Cut, TC Phase I Step 1, TMP-9)
2	-L- 51+37± 23.0' Rt.	-L- 52+57± 23.0' Rt.	20.0	13.2	Culvert (Fill, TC Phase I Step 1, TMP-9)
3	-L2- 66+00± 8.6' Rt.	-L2- 71+50± 14.4' Rt.	10.5	7.2	Roadway (Fill, TC Phase I Step 1, TMP-10)
4	-L3- 93+00± 7.4' Lt.	-L3- 101+50± 17.0' Lt.	29.7	18.9	Roadway (Fill, TC Phase I Step 1, TMP-12 and TMP-13)
5	-DR2- 10+63± 11.0' Lt.	-DR2- 12+31± 56.2' Lt.	18.6	7.7	Driveway (Cut, TC Phase II, Step 2, TMP-26)

The following notes on plans are recommended for the proposed shoring locations:

Shoring Location No. 1:
FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L- 51+33±, 29.7 FT RT TO STATION -L- 52+46±, 37.0 FT RT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:
FROM EXISTING GROUND TO EL 3109± FT:
UNIT WEIGHT (γ): 120 PCF
FRICTION ANGLE (φ): 30 DEGREES
COHESION (c): 0 PSF

BELOW EL 3109± FT:
UNIT WEIGHT (γ): 135 PCF
FRICTION ANGLE (φ): 40 DEGREES
COHESION (c): 0 PSF

GROUNDWATER ELEVATION: 3123± FT

THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY INVENTORY REPORT.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION -L- 51+33±, 29.7 FT RT TO STATION -L- 52+46±, 37.0 FT RT MAY NOT PENETRATE TO THE MINIMUM TIP ELEVATION DUE TO WEATHERED OR HARD ROCK.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -L- 51+33±, 29.7 FT RT TO STATION -L- 52+46±, 37.0 FT RT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

Shoring Location No. 2:
FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L- 51+37±, 23.0 FT RT TO STATION -L- 52+57±, 23.0 FT RT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

FROM EXISTING GROUND TO EL 3109± FT:
UNIT WEIGHT (γ): 120 PCF
FRICTION ANGLE (φ): 30 DEGREES
COHESION (c): 0 PSF

BELOW EL 3109± FT:
UNIT WEIGHT (γ): 135 PCF
FRICTION ANGLE (φ): 40 DEGREES
COHESION (c): 0 PSF

GROUNDWATER ELEVATION: 3123± FT

THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY INVENTORY REPORT.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION -L- 51+37±, 23.0 FT RT TO STATION -L- 52+57±, 23.0 FT RT MAY NOT PENETRATE TO THE MINIMUM TIP ELEVATION DUE TO WEATHERED OR HARD ROCK.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 51+37±, 23.0 FT RT TO STATION -L- 52+57±, 23.0 FT RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

Shoring Location No. 3:
FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L2- 66+00±, 8.6 FT RT TO STATION -L2- 71+50±, 14.4 FT RT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

FROM EXISTING GROUND TO EL 3120± FT:
UNIT WEIGHT (γ): 120 PCF
FRICTION ANGLE (φ): 30 DEGREES
COHESION (c): 0 PSF

BELOW EL 3120± FT:
UNIT WEIGHT (γ): 135 PCF
FRICTION ANGLE (φ): 40 DEGREES
COHESION (c): 0 PSF

GROUNDWATER ELEVATION: VARIES, USE ELEVATION 3120± FT

THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY AND RETAINING WALL INVENTORY REPORTS.

DRIVEN PILING FOR TEMPORARY SHORING FROM -L2- 66+00±, 8.6 FT RT TO STATION -L2- 71+50±, 14.4 FT RT MAY NOT PENETRATE TO THE MINIMUM TIP ELEVATION DUE TO WEATHERED OR HARD ROCK.

Shoring Location No. 4:
FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L3- 93+00±, 7.4 FT LT TO STATION -L3- 101+50±, 17.0 FT LT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

FROM EXISTING GROUND TO EL 3080± FT:
UNIT WEIGHT (γ): 120 PCF
FRICTION ANGLE (φ): 30 DEGREES
COHESION (c): 0 PSF

BELOW EL 3080± FT:
UNIT WEIGHT (γ): 135 PCF
FRICTION ANGLE (φ): 40 DEGREES
COHESION (c): 0 PSF

GROUNDWATER ELEVATION: VARIES, USE ELEVATION 3075± FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L3- 93+00±, 7.4 FT LT TO STATION -L3- 101+50±, 17.0 FT LT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION

THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY AND RETAINING WALL INVENTORY REPORTS.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION -L3- 93+00±, 7.4 FT LT TO STATION -L3- 101+50±, 17.0 FT LT MAY NOT PENETRATE TO THE MINIMUM TIP ELEVATION DUE TO WEATHERED OR HARD ROCK.

Shoring Location No. 5:
FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -DR2- 10+63±, 11.0 FT LT TO STATION -DR2- 12+31±, 56.2 FT LT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

FROM EXISTING GROUND TO EL 3312± FT:
UNIT WEIGHT (γ): 120 PCF
FRICTION ANGLE (φ): 30 DEGREES
COHESION (c): 0 PSF

BELOW EL 3312± FT:
UNIT WEIGHT (γ): 135 PCF
FRICTION ANGLE (φ): 40 DEGREES
COHESION (c): 0 PSF

GROUNDWATER ELEVATION: VARIES, USE ELEVATION 3295± FT

THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY AND RETAINING WALL INVENTORY REPORTS.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION -DR2- 10+63±, 11.0 FT LT TO STATION -DR2- 12+31±, 56.2 FT LT MAY NOT PENETRATE TO THE MINIMUM TIP ELEVATION DUE TO WEATHERED OR HARD ROCK.

APPROVED:

DocuSigned by:
C. Byron Holden
SCSA055EAF0645F...

DATE: 8/11/2026

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UNLESS ALL SIGNATURES COMPLETED

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

SEAL
033753
ENGINEER
C. BYRON HOLDEN

TEMPORARY SHORING DATA

TRAFFIC CONTROL PHASING

PROJ. REFERENCE NO.

U-5810

SHEET NO.

TMP-3A

RKK

P: (919) 878-8660
8601 Six Forks Road, Forum 1, Suite 700
Raleigh, North Carolina 27615-3960
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1. CONSTRUCT -L2- STA 55+18± TO STA 56+65± EXCLUDING THE FINAL LAYER OF SURFACE COURSE, APPLY PAVEMENT MARKINGS AND OPEN TO TRAFFIC. (SEE TMP-20)

STEP 1C:
USING RDWY STD 1101.02 AND BEHIND BARRIER, CONSTRUCT AS FOLLOWS:

- CONSTRUCT STAGE 2 CULVERT. (SEE TMP-20)
- CONSTRUCT -Y7- STA 18+80± TO STA 22+13± LT AND -L- STA 51+33± TO -Y7- STA 22+13± RT EXCLUDING THE FINAL LAYER OF SURFACE COURSE AND REMOVE TEMPORARY DRAINAGE. (SEE TMP-20)

STEP 1D:
USING RDWY STD 1101.02, APPLY PAVEMENT MARKINGS AND DIRECT BAMBOO RD AND BROOK HOLLOW RD INTO THE PATTERN SHOWN. (SEE TMP-22)

STEP 1E:
USING RDWY STD 1101.02, CONSTRUCT AS FOLLOWS:

- SET PORTABLE CONCRETE BARRIER FROM -L2- STA 67+00± TO STA 77+00± LT AND CONSTRUCT -L2- STA 56+42 TO STA 77+00± (SEE TMP-20 THROUGH 22)
- CONSTRUCT SIDEWALK FROM -L2- STA 54+54± TO -L2- STA 77+00± (SEE TMP-20 THROUGH 22)
- CONSTRUCT PROPOSED DRAINAGE ALONG -L2- LT. (SEE TMP-21)
- CONSTRUCT -L2- STA 78+70± TO -L3- STA 82+50± EXCLUDING THE FINAL LAYER OF SURFACE COURSE. (SEE TMP-22)
- CONSTRUCT -Y11- STA 10+50± TO AND INCLUDING THE ROUNDABOUT, PROPOSED ROUNDABOUT DRAINAGE AND EXCLUDING THE FINAL LAYER OF SURFACE COURSE. (SEE TMP-22)
- CONSTRUCT -L3- STA 87+00± TO STA 90+03± EXCLUDING THE FINAL LAYER OF SURFACE COURSE AND THE PROPOSED DRAINAGE. (SEE TMP-23)
- REMOVE PORTABLE CONCRETE BARRIER AND CONSTRUCT -L3- STA 90+03± TO STA 106+33± RT AND TEMPORARY PAVEMENT EXCLUDING THE FINAL LAYER OF SURFACE COURSE. INSTALL TEMPORARY AND PROPOSED DRAINAGE. (SEE TMP-23 THROUGH 24)

STEP 2:
USING RDWY STD 1101.02, APPLY PAVEMENT MARKINGS AND DIRECT WILSON RIDGE RD TRAFFIC ONTO THE -DET- ALIGNMENT. UPON COMPLETION OF THE TRAFFIC SHIFT, CONSTRUCT -L- STA 34+50± TO STA 37+00± AND -DR2- INCLUDING THE PROPOSED DRAINAGE AND EXCLUDING THE FINAL LAYER OF SURFACE COURSE. (SEE TMP-25 THROUGH 26)

COMPLETE CONSTRUCTION AS BEGUN IN PHASE I:

- L3- STA 82+50± TO STA 87+00±
- TEMPORARY PAVEMENT AND RETAINING WALL -L3- STA 90+29± TO STA 101+86±
-

STEP 3:
USING RDWY STD 1101.02, CONSTRUCT -L- STA 29+00± TO STA 34+50± EXCLUDING THE FINAL LAYER OF SURFACE COURSE. (SEE TMP-27)

USING RDWY STD 1101.02, WEDGE -L2- STA 64+43± TO STA 78+04± EXCLUDING THE FINAL LAYER OF SURFACE COURSE. (SEE TMP-28 AND 29)

PHASE III

THE CONTRACTOR MAY CONSTRUCT STEP 4 PRIOR TO CONSTRUCTION OF STEPS 1 THROUGH 3.

NOTE:
THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED IN STEPS 1 THROUGH 3 WITHIN (55) CALENDAR DAYS. (SEE SPECIAL PROVISIONS FOR INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 1:
USING RDWY STD 1101.02 AND 1101.03, CONSTRUCT -Y4- STA 10+50± TO STA 13+15± AND -DR4- STA 10+50± TO STA 12+10± EXCLUDING THE FINAL LAYER OF SURFACE COURSE. CONSTRUCT PROPOSED DRAINAGE ACROSS -DR5- AND -DR4-. RAVENS RIDGE CIR TRAFFIC SHALL BE DETOURED VIA WILSON RIDGE RD TO DEERFIELD RD TO BAMBOO RD. -DR4- TRAFFIC SHALL BE DETOURED VIA WILSON RIDGE RD TO BAMBOO RD TO DEERFIELD RD. (SEE TMP-2BB, 30 AND 31)

COMPLETE CONSTRUCTION AS BEGUN IN PHASE I:

- Y1- STA 15+00± TO STA 20+25±
- L- STA 40+50± TO STA 47+00±
- DR8-
- DR4-

STEP 2:
USING RDWY STD 1101.02 AND 1101.03, APPLY PAVEMENT MARKINGS AND DETOUR RAVENS RIDGE CIR AND -DR4- TRAFFIC VIA WILSON RIDGE RD TO BAMBOO RD TO DEERFIELD RD. (SEE TMP-2BB AND 35)

STEP 3:
USING RDWY STD 1101.02 AND AWAY FROM TRAFFIC, CONSTRUCT -Y3-, -L- STA 37+00± TO STA 40+50±, -DR3- AND -DR5- EXCLUDING THE FINAL LAYER OF SURFACE COURSE. INSTALL REMAINING PROPOSED DRAINAGE ALONG -Y3-. UPON COMPLETION APPLY PAVEMENT MARKINGS AND OPEN WILSON RIDGE RD TO TRAFFIC. (SEE TMP-34 AND 35)

REMOVE OR COVER DETOUR SIGNS SHOWN ON TMP-2BB WHEN NO LONGER IN USE.

STEP 4:
COMPLETE CONSTRUCTION OF -Y8A- AS BEGUN IN PHASE I STEP 1.

STEP 5:
USING RDWY STD 1101.02, APPLY PAVEMENT MARKINGS AND SHIFT BAMBOO RD TRAFFIC AS SHOWN. (SEE TMP-32 AND 33)

PHASE IV

NOTE:
THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED IN STEPS 1 THROUGH 3 WITHIN (15) CALENDAR DAYS. (SEE SPECIAL PROVISIONS FOR INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 1:
USING RDWY STD 1101.02 AND 1101.03, CLOSE WESTBOUND DEERFIELD RD AND DETOUR VIA BAMBOO RD AND WILSON RIDGE RD. EASTBOUND DEERFIELD RD SHALL BE DETOURED VIA WILSON RIDGE RD TO BAMBOO RD. TIE IN DEERFIELD RD TO WILSON RIDGE RD, APPLY PAVEMENT MARKINGS AND DIRECT TRAFFIC INTO THE PATTERN SHOWN. (SEE TMP-2BC AND 36 THROUGH 38)

STEP 2:
USING FLAGGERS AS DIRECTED TO MAINTAIN DRIVEWAY ACCESS, CONSTRUCT -Y1- STA 20+34± TO STA 25+50± EXCLUDING THE FINAL LAYER OF SURFACE COURSE. INSTALL PROPOSED DRAINAGE ALONG -Y1-. (SEE TMP-36)

APPROVED:

DocuSigned by:
C. Byron Holden
SC5A055EAF0645F...

DATE: 8/11/2026

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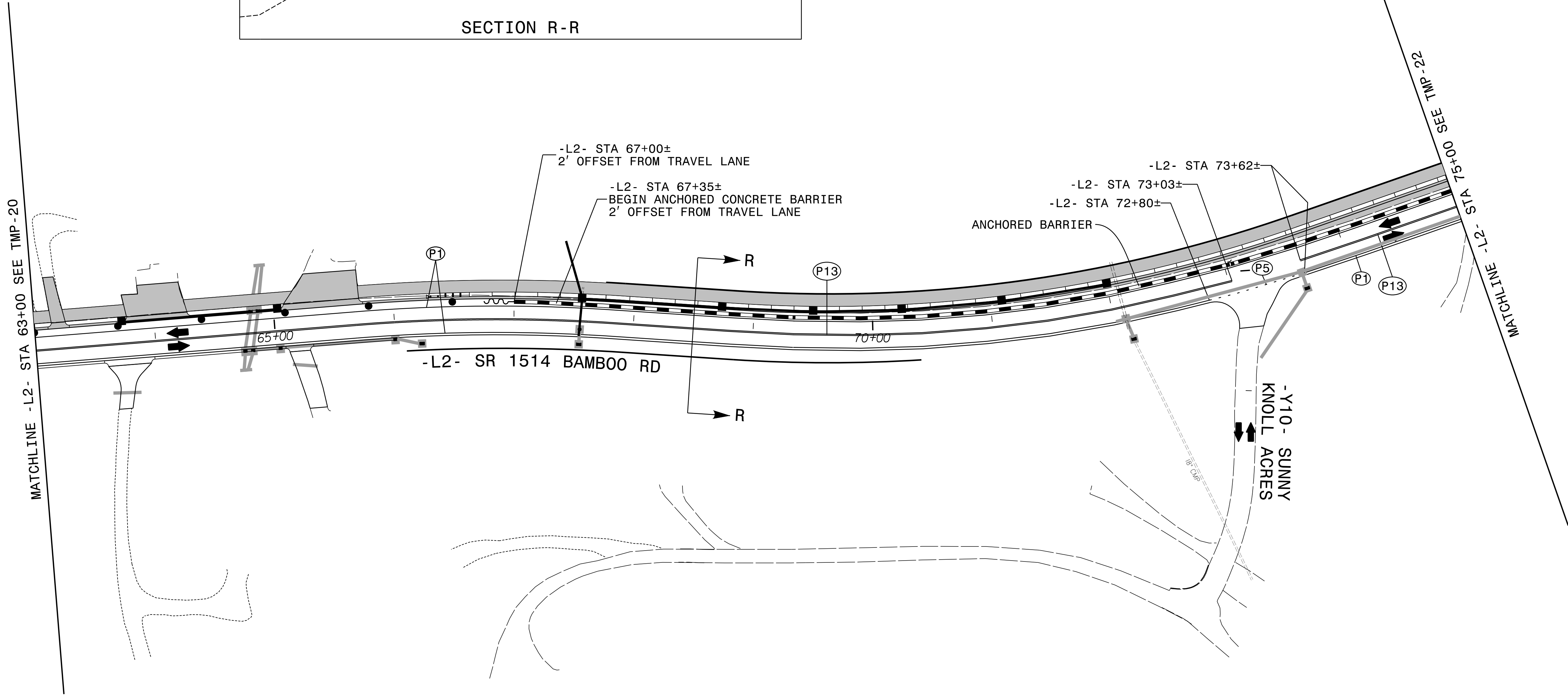
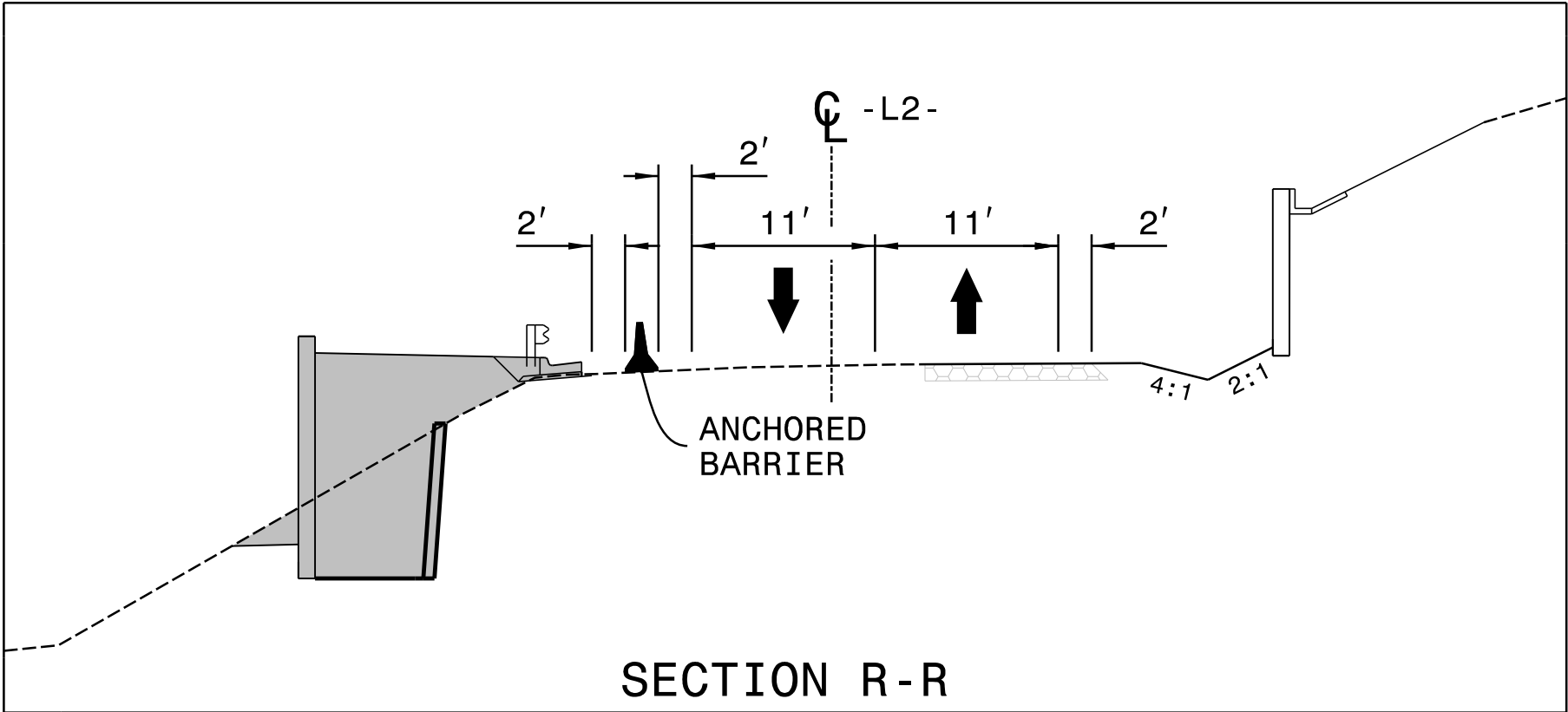
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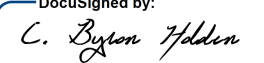
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

WORK ZONE TRAFFIC CONTROL

TEMPORARY TRAFFIC CONTROL PHASING

8/10/2026
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wpjones



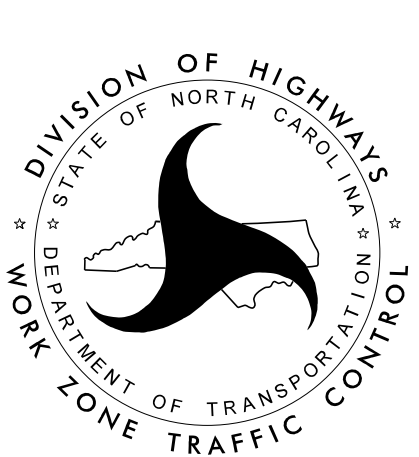
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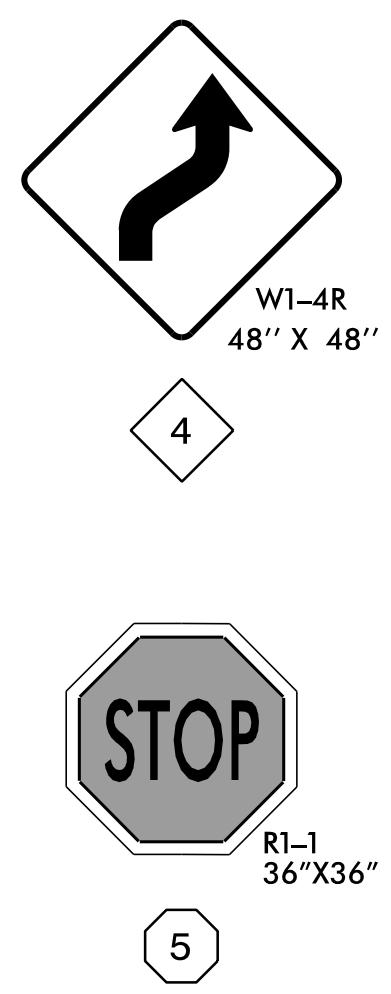
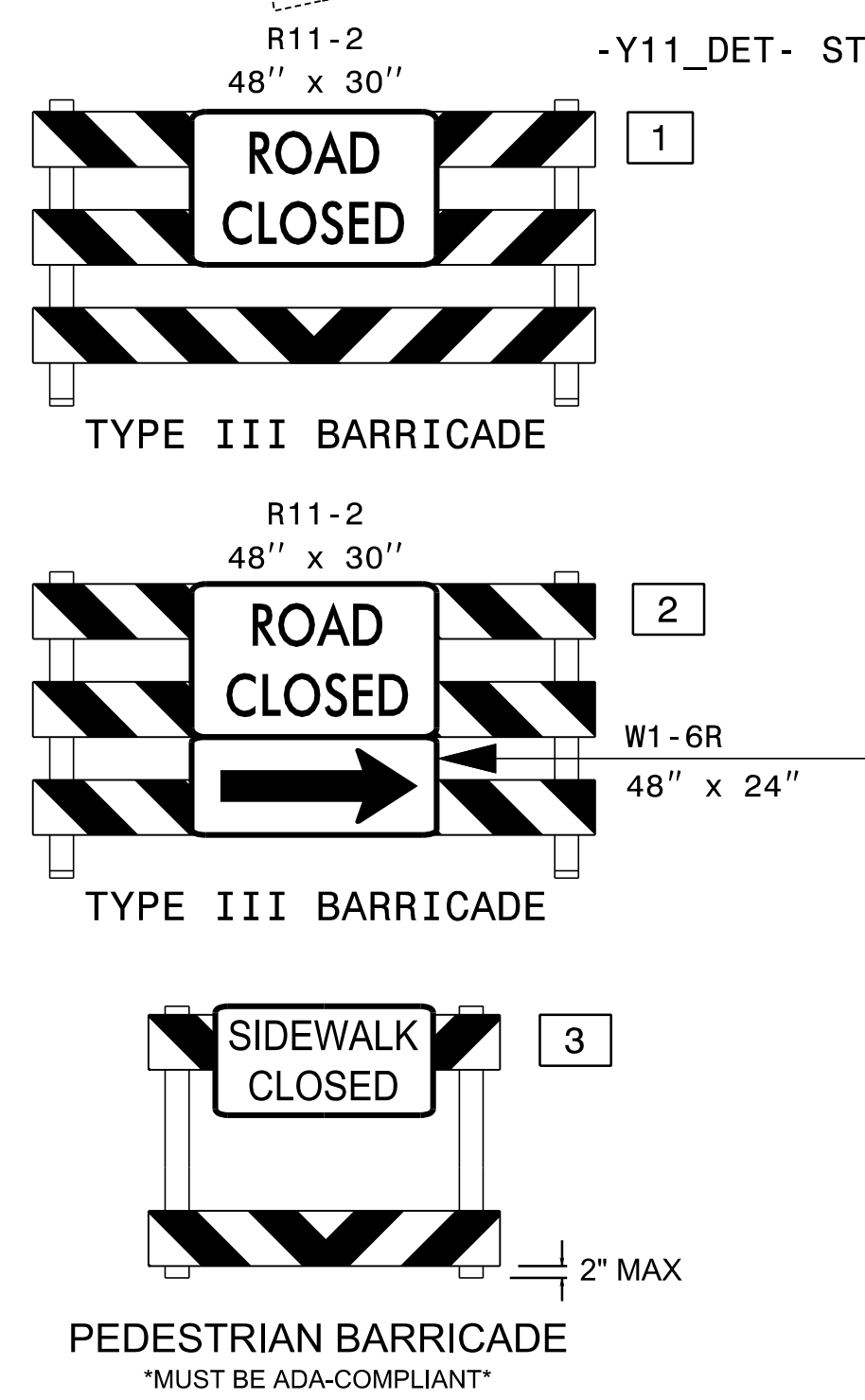
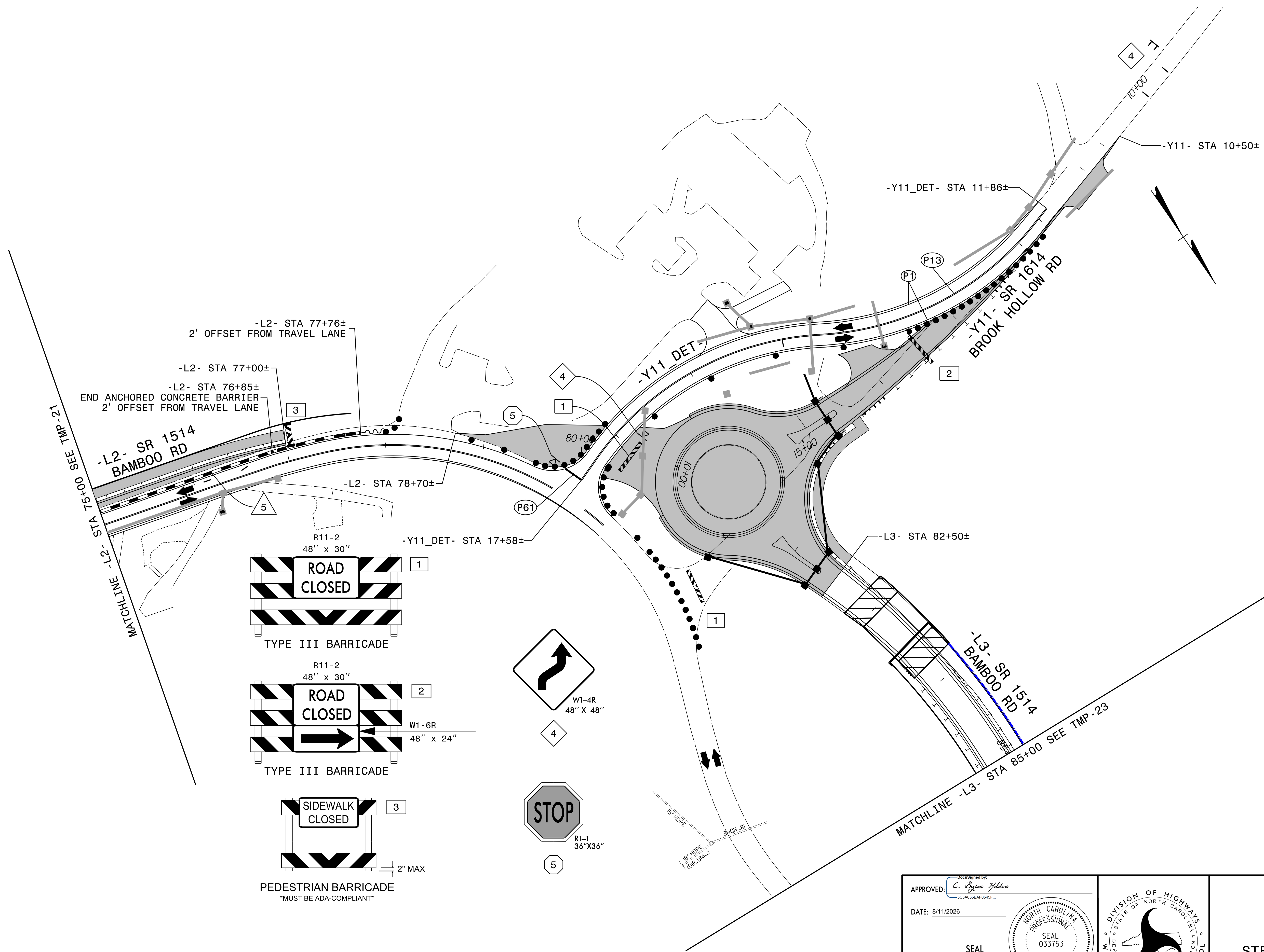
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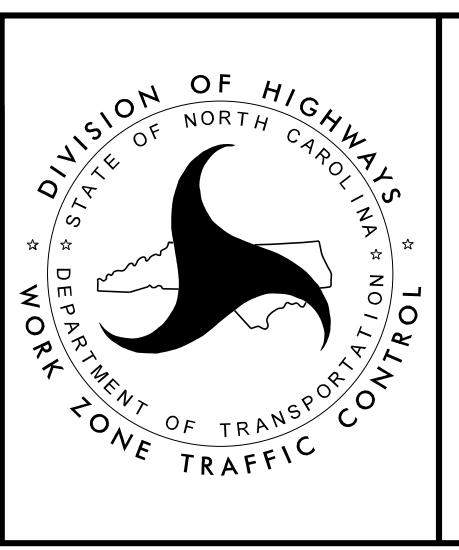


PHASE II
STEPS 1B AND 1E



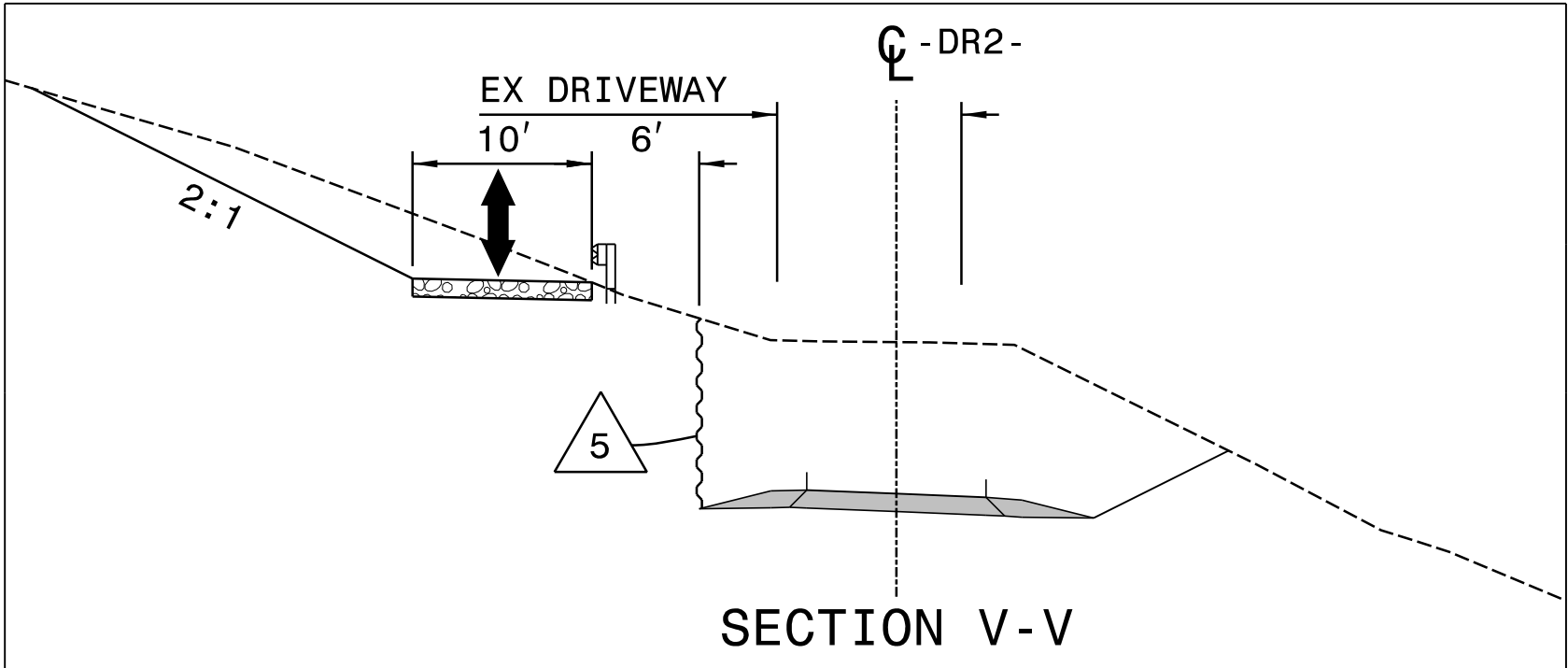
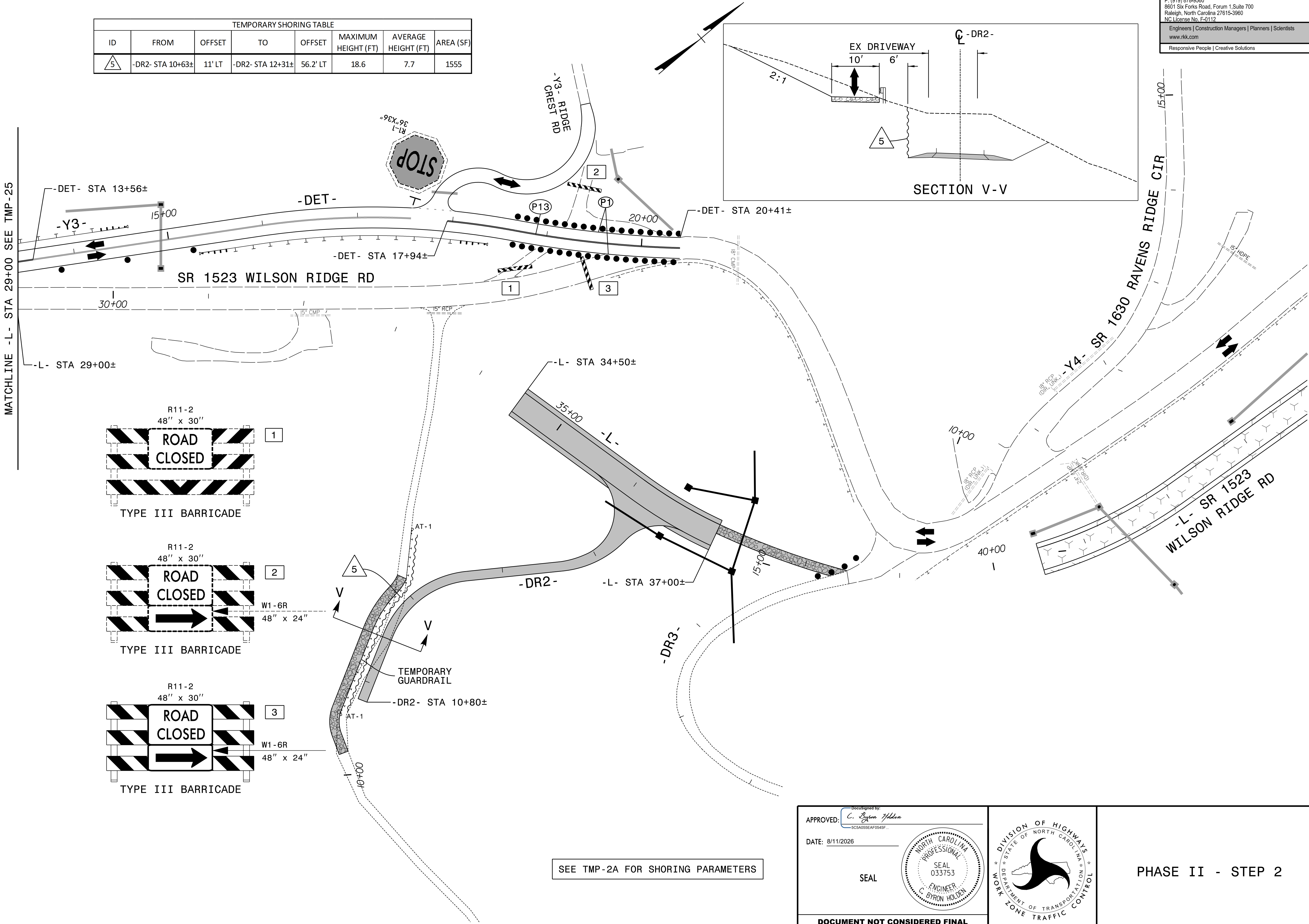
APPROVED: *C. Byron Holden*
DATE: 8/11/2026
SEAL

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UNLESS ALL SIGNATURES COMPLETED**



PHASE II
STEPS 1B, 1D AND 1E

TEMPORARY SHORING TABLE						
ID	FROM	OFFSET	TO	OFFSET	MAXIMUM HEIGHT (FT)	AVERAGE HEIGHT (FT)
5	-DR2- STA 10+63±	11' LT	-DR2- STA 12+31±	56.2' LT	18.6	7.7
					AREA (SF)	
					1555	



SEE TMP-2A FOR SHORING PARAMETERS

APPROVED:

DATE: 8/11/2026

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PHASE II - STEP 2