



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

DANIEL H. JOHNSON
SECRETARY

October 13, 2026

Addendum No. 1

RE: Contract # C204338

WBS # 44643.3.1

STATE FUNDED

Wake County (P-5707)

SR-2052 (ROGERS RD) GRADE SEPARATION OVER CSX RAILROAD

#633905Y AT MP-142.53

October 20, 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, TMP-17, TMP-18	The average and maximum shoring heights for wall 1 have been updated in the tables

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 10-13-2026".

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:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
0014-0199000000-E SP	TEMPORARY SHORING	43,260 SF	39,552 SF

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

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
Ms. Becca J. Gallas, 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 10-13-2026

DATE AND TIME OF BID OPENING: **Oct 20, 2026 AT 02:00 PM**

CONTRACT ID C204338
WBS 44643.3.1

FEDERAL-AID NO. STATE FUNDED
COUNTY WAKE
T.I.P NO. P-5707
MILES 0.799
ROUTE NO. SR-2052
LOCATION SR-2052 (ROGERS RD) GRADE SEPARATION OVER CSX RAILROAD
#633905Y AT MP-142.53.

TYPE OF WORK WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, & 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: WAKE

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	0000720000-N	SP	FIELD OFFICE	30 MO		
0004	0001000000-E	200	CLEARING & GRUBBING .. ACRE(S)	Lump Sum	L.S.	
0005	0008000000-E	200	SUPPLEMENTARY CLEARING & GRUBBING	1 ACR		
0006	0022000000-E	225	UNCLASSIFIED EXCAVATION	5,970 CY		
0007	0036000000-E	225	UNDERCUT EXCAVATION	4,920 CY		
0008	0106000000-E	230	BORROW EXCAVATION	297,320 CY		
0009	0134000000-E	240	DRAINAGE DITCH EXCAVATION	2,790 CY		
0010	0156000000-E	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	6,180 SY		
0011	0177000000-E	250	BREAKING OF EXISTING ASPHALT PAVEMENT	16,740 SY		
0012	0195000000-E	265	SELECT GRANULAR MATERIAL	4,620 CY		
0013	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	5,520 SY		
0014	0199000000-E	SP	TEMPORARY SHORING	39,552 SF		
0015	0248000000-N	SP	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 29+90.36 -L-	Lump Sum	L.S.	
0016	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	780 TON		
0017	0321000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	2,440 SY		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	0335300000-E	305	18" DRAINAGE PIPE	180 LF		
0019	0350000000-E	SP	**** RC PIPE CULVERTS, CONTRACTOR DESIGN (15")	64 LF		
0020	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	2,004 LF		
0021	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	1,248 LF		
0022	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	1,652 LF		
0023	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	328 LF		
0024	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	40 LF		
0025	0396000000-E	310	42" RC PIPE CULVERTS, CLASS III	164 LF		
0026	0402000000-E	310	48" RC PIPE CULVERTS, CLASS III	12 LF		
0027	0408000000-E	310	54" RC PIPE CULVERTS, CLASS III	148 LF		
0028	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (48")	80 LF		
0029	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	888 LF		
0030	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	60 LF		
0031	0448500000-E	310	30" RC PIPE CULVERTS, CLASS IV	136 LF		
0032	0449000000-E	310	*** RC PIPE CULVERTS, CLASS V (36")	40 LF		
0033	0576000000-E	310	*** CS PIPE CULVERTS, ***** THICK (48", 0.109")	24 LF		
0034	0582000000-E	310	15" CS PIPE CULVERTS, 0.064" THICK	304 LF		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0035	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	8 EA		
0036	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (48", 0.109")	2 EA		
0037	0973100000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (108", 1.000")	202 LF		
0038	0973100000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.500")	226 LF		
0039	0973300000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (108", 1.000")	202 LF		
0040	0973300000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.500")	226 LF		
0041	0992000000-E	SP	GENERIC PIPE ITEM WELDED STEEL PIPE SILLS AND BAFFLES	24 EA		
0042	0995000000-E	340	PIPE REMOVAL	4,209 LF		
0043	1011000000-N	500	FINE GRADING	Lump Sum	L.S.	
0044	1121000000-E	520	AGGREGATE BASE COURSE	1,700 TON		
0045	1220000000-E	545	INCIDENTAL STONE BASE	100 TON		
0046	1275000000-E	600	PRIME COAT	595 GAL		
0047	1297000000-E	607	MILLING ASPHALT PAVEMENT, ***** DEPTH (1-1/2")	10,280 SY		
0048	1330000000-E	607	INCIDENTAL MILLING	870 SY		
0049	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	7,900 TON		
0050	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	6,780 TON		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0051	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	7,035 TON		
0052	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	1,140 TON		
0053	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	260 TON		
0054	1880000000-E	SP	GENERIC PAVING ITEM AGGREGATE BASE COURSE MODIFIED	2,050 TON		
0055	2000000000-N	806	RIGHT-OF-WAY MARKERS	102 EA		
0056	2022000000-E	815	SUBDRAIN EXCAVATION	44.8 CY		
0057	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	200 SY		
0058	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	33.6 CY		
0059	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	200 LF		
0060	2070000000-N	815	SUBDRAIN PIPE OUTLET	1 EA		
0061	2077000000-E	815	6" OUTLET PIPE	6 LF		
0062	2190000000-N	828	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	1 EA		
0063	2209000000-E	838	ENDWALLS	3.4 CY		
0064	2220000000-E	838	REINFORCED ENDWALLS	5 CY		
0065	2253000000-E	840	PIPE COLLARS	1.16 CY		
0066	2275000000-E	SP	FLOWABLE FILL	57 CY		
0067	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	113 EA		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0068	2297000000-E	840	MASONRY DRAINAGE STRUCTURES	7.2 CY		
0069	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	170.78 LF		
0070	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	3 EA		
0071	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	23 EA		
0072	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	10 EA		
0073	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	33 EA		
0074	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	30 EA		
0075	2396000000-N	840	FRAME WITH COVER, STD 840.54	16 EA		
0076	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	11,190 LF		
0077	2591000000-E	848	4" CONCRETE SIDEWALK	5,640 SY		
0078	2605000000-N	848	CONCRETE CURB RAMPS	31 EA		
0079	2612500000-N	848	REMOVE AND REPLACE CONCRETE CURB RAMPS	2 EA		
0080	2619000000-E	850	4" CONCRETE PAVED DITCH	410 SY		
0081	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	100 SY		
0082	2724000000-E	857	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	170 LF		
0083	2800000000-N	858	ADJUSTMENT OF CATCH BASINS	2 EA		
0084	2893000000-N	859	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE	1 EA		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0085	3001000000-N	SP	IMPACT ATTENUATOR UNITS, TYPE TL-3	1 EA		
0086	3030000000-E	862	STEEL BEAM GUARDRAIL	5,700 LF		
0087	3045000000-E	862	STEEL BEAM GUARDRAIL, SHOP CURVED	487.5 LF		
0088	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	10 EA		
0089	3195000000-N	862	GUARDRAIL END UNITS, TYPE AT-1	6 EA		
0090	3210000000-N	862	GUARDRAIL END UNITS, TYPE CAT-1	1 EA		
0091	3215000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE III	4 EA		
0092	3288000000-N	862	GUARDRAIL END UNITS, TYPE TL-2	1 EA		
0093	3360000000-E	863	REMOVE EXISTING GUARDRAIL	1,640 LF		
0094	3380000000-E	862	TEMPORARY STEEL BEAM GUARDRAIL	137.5 LF		
0095	3435000000-N	SP	GENERIC GUARDRAIL ITEM REMOVE TEMPORARY IMPACT ATTENUATOR UNITS, TYPE TL-3	1 EA		
0096	3435000000-N	SP	GENERIC GUARDRAIL ITEM TEMPORARY IMPACT ATTENUATOR UNITS, TYPE TL-3	4 EA		
0097	3579000000-N	866	GENERIC FENCING ITEM VINYL COATED METAL LINE POSTS FOR 60" CHAIN LINK FENCE	260 EA		
0098	3579000000-N	866	GENERIC FENCING ITEM VINYL COATED METAL TERMINAL POSTS FOR 60" CHAIN LINK FENCE	20 EA		
0099	3580000000-E	866	GENERIC FENCING ITEM VINYL COATED CHAIN LINK FENCE, 60" FABRIC	3,030 LF		
0100	3628000000-E	876	RIP RAP, CLASS I	1,870 TON		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0101	3649000000-E	876	RIP RAP, CLASS B	500 TON		
0102	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	3,910 SY		
0103	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	615 LF		
0104	4102000000-N	904	SIGN ERECTION, TYPE E	39 EA		
0105	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	16 EA		
0106	4238000000-N	907	DISPOSAL OF SIGN, D, E OR F	4 EA		
0107	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	682 SF		
0108	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	473 SF		
0109	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	229 SF		
0110	4415000000-N	1115	FLASHING ARROW BOARD	2 EA		
0111	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	2 EA		
0112	4430000000-N	1130	DRUMS	171 EA		
0113	4435000000-N	1135	CONES	175 EA		
0114	4445000000-E	1145	BARRICADES (TYPE III)	360 LF		
0115	4447000000-E	SP	PEDESTRIAN CHANNELIZING DEVICES	240 LF		
0116	4455000000-N	1150	FLAGGER	360 DAY		
0117	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	7 EA		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0118	4470000000-N	1160	REMOVE & RESET TEMPORARY CRASH CUSHION	3 EA		
0119	4480000000-N	1165	TMA	2 EA		
0120	4485000000-E	1170	PORTABLE CONCRETE BARRIER	3,830 LF		
0121	4490000000-E	1170	PORTABLE CONCRETE BARRIER (ANCHORED)	1,370 LF		
0122	4500000000-E	1170	REMOVE AND RESET PORTABLE CONCRETE BARRIER	240 LF		
0123	4510000000-N	1190	LAW ENFORCEMENT	128 HR		
0124	4516000000-N	1180	SKINNY DRUM	100 EA		
0125	4600000000-N	SP	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES	6 EA		
0126	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	764 EA		
0127	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	16,725 LF		
0128	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	1,251 LF		
0129	4700000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	1,327 LF		
0130	4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	1,020 LF		
0131	4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	14 EA		
0132	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	77 EA		
0133	4770000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	1,517 LF		
0134	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	90,395 LF		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0135	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	7,212 LF		
0136	4825000000-E	1205	PAINT PAVEMENT MARKING LINES (12")	218 LF		
0137	4830000000-E	1205	PAINT PAVEMENT MARKING LINES (16")	160 LF		
0138	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	1,536 LF		
0139	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	64 EA		
0140	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	258 EA		
0141	4846000000-E	1205	POLYUREA PAVEMENT MARKING LINES (***, *** MILS) (4", 20 MILS)	1,071 LF		
0142	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	28,512 LF		
0143	4860000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (8")	1,948 LF		
0144	4865000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (12")	110 LF		
0145	4870000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (24")	303 LF		
0146	4875000000-N	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	90 EA		
0147	4895000000-N	SP	GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H-SHAPED MARKERS	267 EA		
0148	4900000000-N	1251	PERMANENT RAISED PAVEMENT MARKERS	12 EA		
0149	5155000000-E	1409	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	8,290 LF		
0150	5240000000-N	1411	ELECTRICAL JUNCTION BOXES ***** (IG25)	62 EA		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0151	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
0152	5325600000-E	1510	6" WATER LINE	481 LF		
0153	5325800000-E	1510	8" WATER LINE	100 LF		
0154	5326200000-E	1510	12" WATER LINE	4,328 LF		
0155	5329000000-E	1510	DUCTILE IRON WATER PIPE FITTINGS	15,445 LB		
0156	5540000000-E	1515	6" VALVE	4 EA		
0157	5546000000-E	1515	8" VALVE	1 EA		
0158	5558000000-E	1515	12" VALVE	11 EA		
0159	5572200000-E	1515	12" TAPPING SLEEVE & VALVE	2 EA		
0160	5589200000-E	1515	2" AIR RELEASE VALVE	3 EA		
0161	5643200000-E	1515	2" WATER METER	6 EA		
0162	5643800000-E	1515	8" WATER METER	1 EA		
0163	5653200000-E	1515	2" DCV BACKFLOW PREVENTION ASSEMBLY	1 EA		
0164	5653210000-E	1515	RELOCATE 2" DCV BACKFLOW PREVENTION ASSEMBLY	4 EA		
0165	5653800000-E	1515	8" DCV BACKFLOW PREVENTION ASSEMBLY	1 EA		
0166	5653810000-E	1515	RELOCATE 8" DCV BACKFLOW PREVENTION ASSEMBLY	1 EA		
0167	5666000000-N	1515	FIRE HYDRANT	1 EA		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0168	5672000000-N	1515	RELOCATE FIRE HYDRANT	1 EA		
0169	5673000000-E	1515	FIRE HYDRANT LEG	326 LF		
0170	5679000000-E	1515	12" LINE STOP	1 EA		
0171	5684400000-E	1515	6" LINE STOP WITH BYPASS	2 EA		
0172	5685000000-E	1515	12" LINE STOP WITH BYPASS	1 EA		
0173	5686500000-E	1515	WATER SERVICE LINE	359 LF		
0174	5691300000-E	1520	8" SANITARY GRAVITY SEWER	1,095 LF		
0175	5768000000-N	1520	SANITARY SEWER CLEAN-OUT	2 EA		
0176	5768500000-E	1520	SEWER SERVICE LINE	119 LF		
0177	5775000000-E	1525	4' DIA UTILITY MANHOLE	1 EA		
0178	5776000000-E	1525	5' DIA UTILITY MANHOLE	9 EA		
0179	5777000000-E	1525	6' DIA UTILITY MANHOLE	3 EA		
0180	5781000000-E	1525	UTILITY MANHOLE WALL 4' DIA	8.5 LF		
0181	5782000000-E	1525	UTILITY MANHOLE WALL 5' DIA	91.17 LF		
0182	5783000000-E	1525	UTILITY MANHOLE WALL 6' DIA	46.41 LF		
0183	5800000000-E	1530	ABANDON 6" UTILITY PIPE	385 LF		
0184	5801000000-E	1530	ABANDON 8" UTILITY PIPE	1,323 LF		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0185	5804000000-E	1530	ABANDON 12" UTILITY PIPE	3,120 LF		
0186	5815000000-N	1530	REMOVE WATER METER	1 EA		
0187	5815500000-N	1530	REMOVE FIRE HYDRANT	4 EA		
0188	5828000000-N	1530	REMOVE UTILITY MANHOLE	4 EA		
0189	5835700000-E	1540	16" ENCASEMENT PIPE	246 LF		
0190	5836000000-E	1540	24" ENCASEMENT PIPE	80 LF		
0191	5872500000-E	1550	BORE AND JACK OF *** (16")	246 LF		
0192	5872500000-E	1550	BORE AND JACK OF *** (24")	80 LF		
0193	5882000000-N	SP	GENERIC UTILITY ITEM REMOVE BACKFLOW PREVENTION ASSEMBLY	2 EA		
0194	6000000000-E	1605	TEMPORARY SILT FENCE	25,875 LF		
0195	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	1,220 TON		
0196	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	3,330 TON		
0197	6012000000-E	1610	SEDIMENT CONTROL STONE	3,680 TON		
0198	6015000000-E	1615	TEMPORARY MULCHING	52 ACR		
0199	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	2,500 LB		
0200	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	12.5 TON		
0201	6024000000-E	1622	TEMPORARY SLOPE DRAINS	2,330 LF		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0202	6029000000-E	SP	SAFETY FENCE	2,860 LF		
0203	6030000000-E	1630	SILT EXCAVATION	7,390 CY		
0204	6036000000-E	1631	MATTING FOR EROSION CONTROL	49,725 SY		
0205	6037000000-E	1629	COIR FIBER MAT	100 SY		
0206	6042000000-E	1632	1/4" HARDWARE CLOTH	7,020 LF		
0207	6045000000-E	SP	*** TEMPORARY PIPE (18")	25 LF		
0208	6045000000-E	SP	*** TEMPORARY PIPE (42")	75 LF		
0209	6070000000-N	1639	SPECIAL STILLING BASINS	2 EA		
0210	6071002000-E	1642	FLOCCULANT	1,140 LB		
0211	6071012000-E	1642	COIR FIBER WATTLE	1,600 LF		
0212	6071013000-E	1642	WATTLE BARRIER	1,231 LF		
0213	6071030000-E	1640	COIR FIBER BAFFLE	1,215 LF		
0214	6084000000-E	1660	SEEDING & MULCHING	51 ACR		
0215	6087000000-E	1660	MOWING	48 ACR		
0216	6090000000-E	1661	SEED FOR REPAIR SEEDING	550 LB		
0217	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	2.25 TON		
0218	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	1,275 LB		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0219	6108000000-E	1665	FERTILIZER TOPDRESSING	37.75 TON		
0220	6111000000-E	SP	IMPERVIOUS DIKE	510 LF		
0221	6114500000-N	1667	SPECIALIZED HAND MOWING	25 MHR		
0222	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	100 EA		
0223	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	1 EA		
0224	6120000000-E	SP	CULVERT DIVERSION CHANNEL	518 CY		
0225	6123000000-E	1670	REFORESTATION	0.1 ACR		
0226	6132000000-N	SP	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT	3 EA		
0227	7048500000-E	1705	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	9 EA		
0228	7060000000-E	1705	SIGNAL CABLE	5,650 LF		
0229	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	24 EA		
0230	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	4 EA		
0231	7144000000-E	1705	VEHICLE SIGNAL HEAD (12", 5 SECTION)	1 EA		
0232	7180000000-N	1706	BACKPLATE	36 EA		
0233	7264000000-E	1710	MESSENGER CABLE (3/8")	925 LF		
0234	7279000000-E	1715	TRACER WIRE	6,083 LF		
0235	7288000000-E	1715	PAVED TRENCHING (***** (1, 2"))	125 LF		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0236	7300000000-E	1715	UNPAVED TRENCHING (*****) (1, 2")	800 LF		
0237	7300000000-E	1715	UNPAVED TRENCHING (*****) (2, 2")	4,941 LF		
0238	7301000000-E	1715	DIRECTIONAL DRILL (*****) (2, 2")	1,183 LF		
0239	7312000000-N	1716	JUNCTION BOX (*****) (SPECIAL OVERSIZED, HEAVY DUTY, 36" X 24" X 24")	1 EA		
0240	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	8 EA		
0241	7348000000-N	1716	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	16 EA		
0242	7360000000-N	1720	WOOD POLE	4 EA		
0243	7372000000-N	1721	GUY ASSEMBLY	8 EA		
0244	7408000000-E	1722	1" RISER WITH WEATHERHEAD	1 EA		
0245	7420000000-E	1722	2" RISER WITH WEATHERHEAD	4 EA		
0246	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	1,725 LF		
0247	7456100000-E	1726	LEAD-IN CABLE (14-2)	5,200 LF		
0248	7481000000-N	SP	SITE SURVEY	2 EA		
0249	7481200000-N	SP	LUMINAIRE ARM FOR VIDEO SYSTEM	8 EA		
0250	7481240000-N	SP	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	10 EA		
0251	7481260000-N	SP	EXTERNAL LOOP EMULATOR PROCESSING UNIT	2 EA		
0252	7516000000-E	1730	COMMUNICATIONS CABLE (** FIBER) (24)	7,728 LF		

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0253	7528000000-E	1730	DROP CABLE	75 LF		
0254	7540000000-N	1731	SPLICE ENCLOSURE	1 EA		
0255	7541000000-N	1731	MODIFY SPLICE ENCLOSURE	2 EA		
0256	7552000000-N	1731	INTERCONNECT CENTER	1 EA		
0257	7566000000-N	1733	DELINEATOR MARKER	17 EA		
0258	7576000000-N	SP	METAL STRAIN SIGNAL POLE	4 EA		
0259	7613000000-N	SP	SOIL TEST	4 EA		
0260	7614100000-E	SP	DRILLED PIER FOUNDATION	32 CY		
0261	7636000000-N	1745	SIGN FOR SIGNALS	6 EA		
0262	7642200000-N	1743	TYPE II PEDESTAL WITH FOUNDATION	8 EA		
0263	7684000000-N	1750	SIGNAL CABINET FOUNDATION	1 EA		
0264	7696000000-N	1751	CONTROLLERS WITH CABINET (*****) (2070LX, BASE MOUNTED)	1 EA		
0265	7744000000-N	1751	DETECTOR CARD (TYPE 170)	6 EA		
0266	7901000000-N	1753	CABINET BASE EXTENDER	1 EA		
0267	7980000000-N	SP	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH	1 EA		
CULVERT ITEMS						
0268	8133000000-E	414	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT (44+65.00 -L-)	128 TON		

County: WAKE

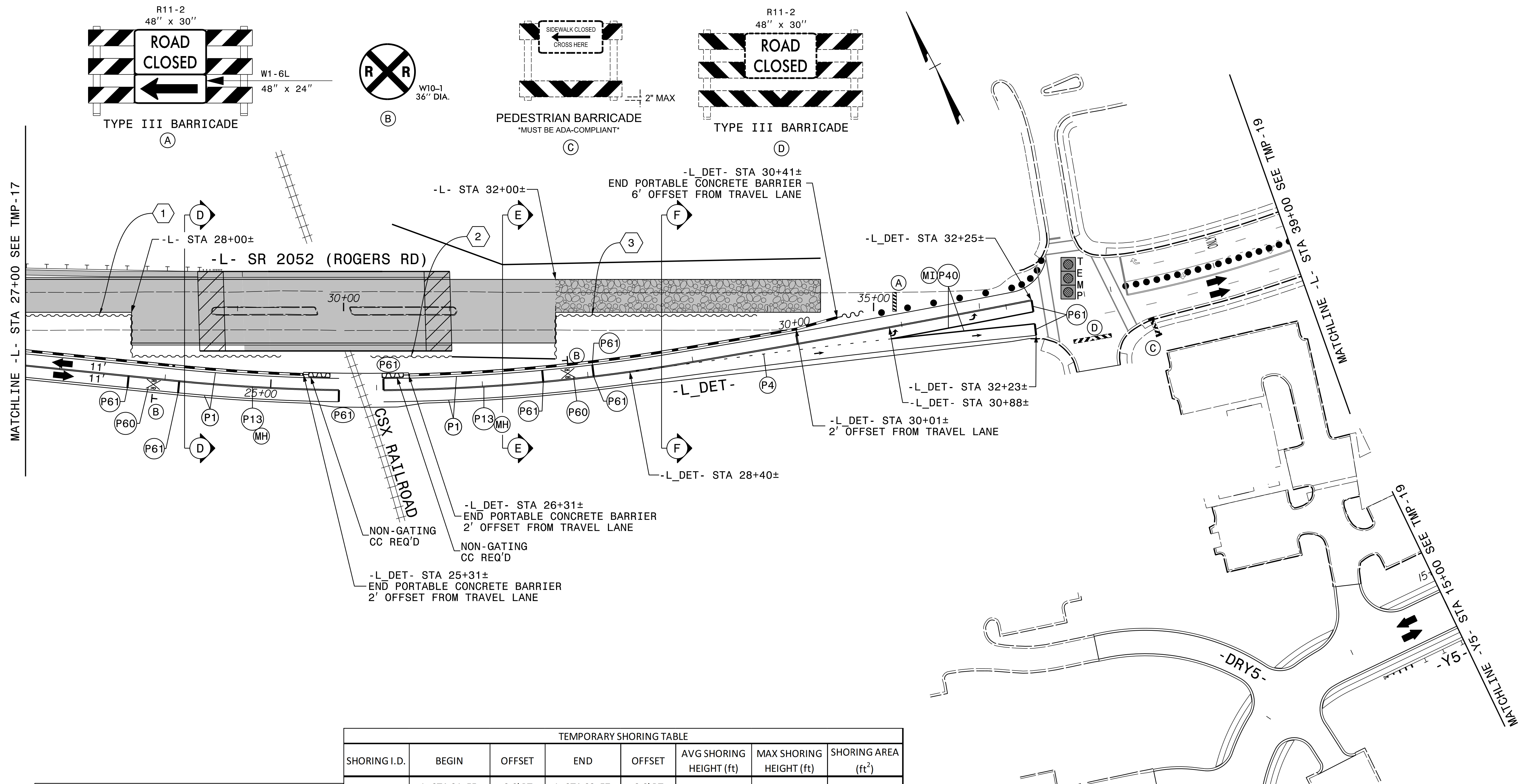
Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0269	8196000000-E	420	CLASS A CONCRETE (CULVERT)	94.6 CY		
0270	8245000000-E	425	REINFORCING STEEL (CULVERT)	11,520 LB		
0271	8622000000-E	876	GEOTEXTILE FOR DRAINAGE	200 SY		
WALL ITEMS						
0272	8801000000-E	SP	MSE RETAINING WALL NO **** (1)	23,700 SF		
0273	8801000000-E	SP	MSE RETAINING WALL NO **** (2)	8,300 SF		
0274	8801000000-E	SP	MSE RETAINING WALL NO **** (4)	27,100 SF		
0275	8801000000-E	SP	MSE RETAINING WALL NO **** (5)	8,500 SF		
0276	8847000000-E	SP	GENERIC RETAINING WALL ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT	76,400 SF		
0277	8847000000-E	SP	GENERIC RETAINING WALL ITEM SMSE RETAINING WALL NO 3	8,800 SF		
STRUCTURE ITEMS						
0278	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ***** (1, 29+90.36 -L-)	Lump Sum	L.S.	
0279	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION ***** (2, 29+90.36 -L-)	Lump Sum	L.S.	
0280	8147000000-E	420	REINFORCED CONCRETE DECK SLAB	14,573 SF		
0281	8161000000-E	420	GROOVING BRIDGE FLOORS	14,508 SF		
0282	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	423.7 CY		
0283	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (29+90.36 -L-)	Lump Sum	L.S.	

County: WAKE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0284	8217000000-E	425	REINFORCING STEEL (BRIDGE)	66,486 LB		
0285	8238000000-E	425	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	6,508 LB		
0286	8265000000-E	430	54" PRESTRESSED CONCRETE GIRDERS	1,486.67 LF		
0287	8328200000-E	450	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)	84 EA		
0288	8364000000-E	450	HP 12 X 53 STEEL PILES	2,560 LF		
0289	8391000000-N	450	STEEL PILE POINTS	64 EA		
0290	8475000000-E	460	TWO BAR METAL RAIL	360.67 LF		
0291	8517000000-E	460	1'-*** X ***** CONCRETE PARAPET (1'-2" X 3'-3")	375.67 LF		
0292	8524000000-E	SP	*** CHAIN LINK FENCE (72")	373.33 LF		
0293	8531000000-E	462	4" SLOPE PROTECTION	2,230 SY		
0294	8657000000-N	430	ELASTOMERIC BEARINGS	Lump Sum	L.S.	
0295	8727000000-N	SP	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA ***** (29+90.36 -L-)	Lump Sum	L.S.	

0948/Oct13/Q1098388.26/D1372069597000/E295

Total Amount Of Bid For Entire Project :



STOP BAR LOCATION AND PORTABLE CONCRETE BARRIER LIMITS DEPENDENT ON CROSSING GATES. REFER TO APPLICABLE ROADWAY STANDARD.

INSTALL PERMANENT DRAINAGE AS APPLICABLE.

SEE TMP-18A AND 18B FOR SECTION VIEW.

SEE TMP-18C FOR ADDITIONAL PAVEMENT MARKING LAYOUT.

SEE TMP-2A FOR TEMPORARY SHORING PARAMETERS.

TEMPORARY SHORING TABLE							
SHORING I.D.	BEGIN	OFFSET	END	OFFSET	AVG SHORING HEIGHT (ft)	MAX SHORING HEIGHT (ft)	SHORING AREA (ft ²)
①	-L- STA 21+55±	2.0' RT	-L- STA 23+57±	2.0' RT	16.0	29.7	13197
	-L- STA 23+57±	2.0' RT	-L- STA 23+59±	4.0' RT			
	-L- STA 23+59±	4.0' RT	-L- STA 28+00±	4.0' RT			
	-L- STA 28+00±	4.0' RT	-L- STA 28+00±	42.5' RT			
	-L- STA 28+00±	42.5' RT	-L- STA 29+41±	42.5' RT			
②	-L- STA 30+25±	43.0' RT	-L- STA 31+02±	43.0' RT	21.7	32.2	1669
③	-L- STA 32+00±	45.0' RT	-L- STA 32+00±	4.0' RT	21.9	32.2	5065
	-L- STA 32+00±	4.0' RT	-L- STA 33+90±	4.0' RT			

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DATE: 10/9/2026

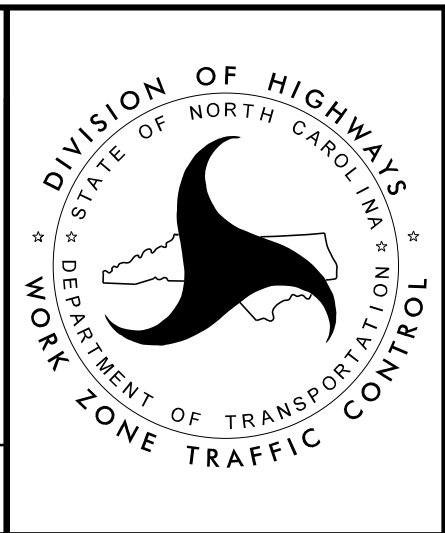
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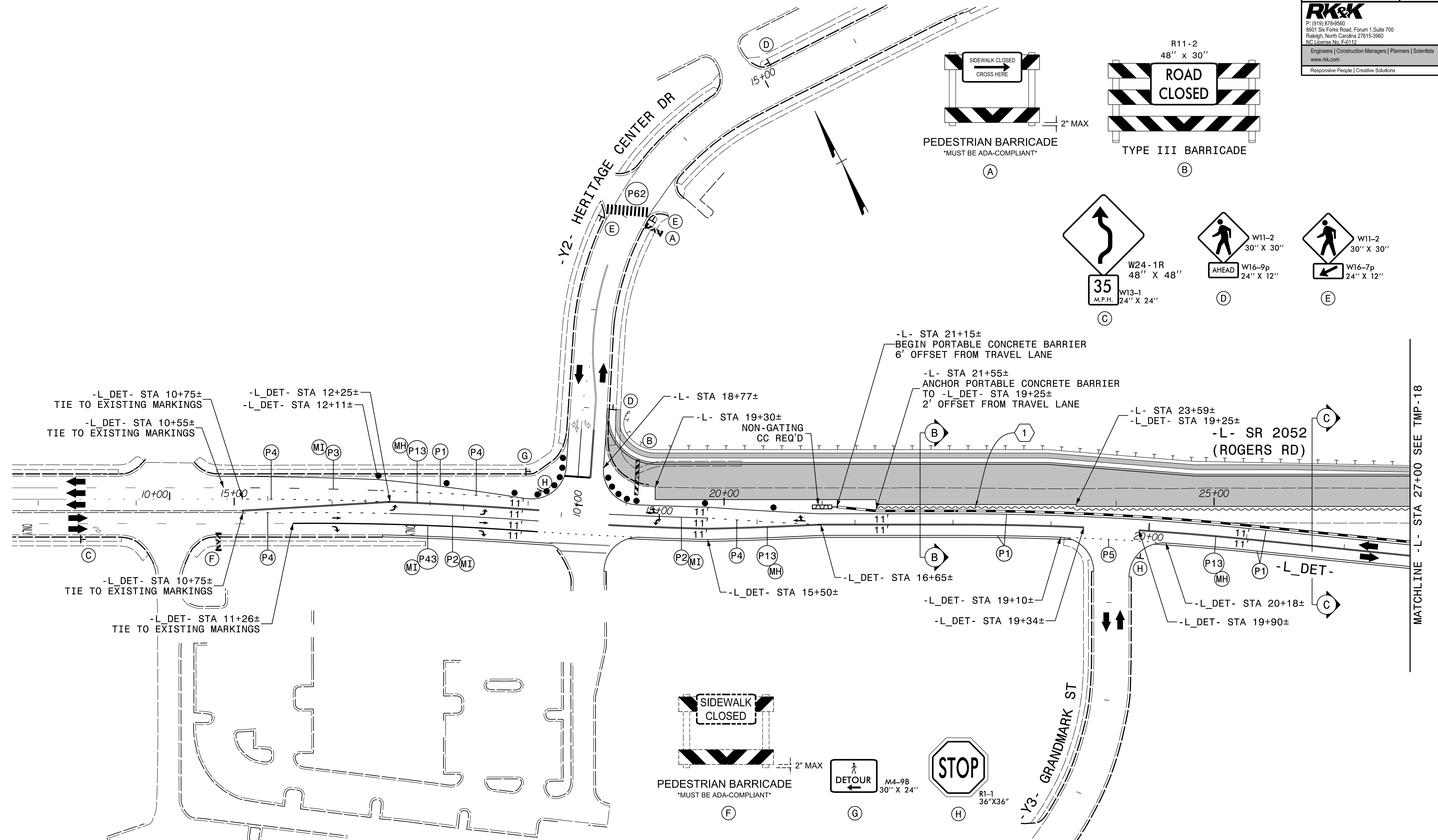
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C. BYRON HOLDEN

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PHASE II



TEMPORARY SHORING TABLE							
SHORING I.D.	BEGIN	OFFSET	END	OFFSET	AVG SHORING HEIGHT (ft)	MAX SHORING HEIGHT (ft)	SHORING AREA (ft ²)
①	-L- STA 21+55±	2.0' RT	-L- STA 23+57±	2.0' RT	16.0	29.7	13197
	-L- STA 23+57±	2.0' RT	-L- STA 23+59±	4.0' RT			
	-L- STA 23+59±	4.0' RT	-L- STA 28+00±	4.0' RT			
	-L- STA 28+00±	4.0' RT	-L- STA 28+00±	42.5' RT			
	-L- STA 28+00±	42.5' RT	-L- STA 29+41±	42.5' RT			

SEE TMP-17A AND 17B FOR ADDITIONAL
PAVEMENT MARKING LAYOUT.

SEE TMP-17C FOR SECTION VIEW.

SEE TMP-2A FOR TEMPORARY SHORING PARAMETERS.

INSTALL PERMANENT DRAINAGE AS APPLICABLE.

DocuSigned by:
C. Byron Holden

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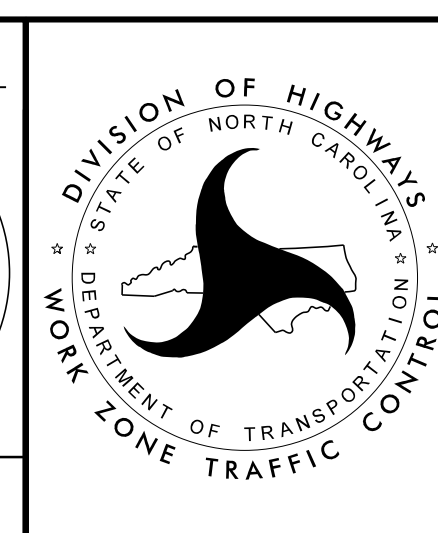
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PHASE II

Table 1: Temporary Shoring Locations

Shoring Location No.	Begin Station & Offset	End Station & Offset	Average Shoring Height (ft)	Estimated Maximum Height (ft)	Shoring Location, Type, Traffic Control Plan
1	-L- STA 21+55± 2.0 ft RT	-L- STA 29+41± 42.5 ft RT	16.0	29.7	Roadway -L- Embankment and Bridge End Bent Construction (Fill, TC Phase II, TMP-17 to TMP-18A)
2	-L -STA 30+25± 43.0 ft RT	-L-STA 31+02± 43.0 ft RT	21.7	32.2	Roadway -L- Embankment and Bridge End Bent Construction (Fill, TC Phase II, TMP-18)
3	-L- STA 32+00± 45.0 ft RT	-L- STA 33+90± 4.0 ft RT	21.9	32.2	Roadway -L- Embankment Construction (Fill, TC Phase II, TMP-18 and TMP-18B)
4	-L- STA 37+56± 1.0 ft RT	-L- STA 45+50± 1.0 ft RT	10.1	18.2	Roadway -L- Embankment Construction (Fill, TC Phase III, Steps 1 and 2, TMP-20 to TMP-21A)
5	-L- STA 32+00± 4.0 ft RT	-L- STA 38+36± 1.0 ft RT	18.2	27.7	Roadway -L- Embankment Construction (Fill, TC Phase III, Steps 3 through 6, TMP-23 to TMP-23A)

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- 21+55±, 2.0 FT RT TO STATION -L- 29+41±, 42.5 FT RT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ): 120 PCF
FRICTION ANGLE (ϕ): 30 DEGREES
COHESION (c): 0 PSF
GROUNDWATER ELEVATION: VARIES, USE ELEVATION ±317 FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- 21+55±, 2.0 FT RT TO STATION -L- 29+41±, 42.5 FT RT. 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 SUBSURFACE INVENTORY REPORT.

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 21+55±, 2.0 FT RT TO STATION -L- 29+41±, 42.5 FT RT.

WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WITH THE REINFORCED ZONE OF TEMPORARY WALLS, USE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR BRIDGE APPROACH FILLS, WHICHEVER IS BETTER, IN THE REINFORCED ZONE OF TEMPORARY WALLS.

DESIGN TEMPORARY SHORING FROM STATION -L- 28+00±, 42.5 FT RT TO STATION -L- 28+30±, 42.5 FT RT FOR THE SURCHARGE LOAD OF THE PROPOSED MSE RETAINING WALL LOCATED ABOVE THE TEMPORARY SHORING.

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- 30+25±, 43.0 FT RT TO STATION -L- 31+02±, 43.0 FT RT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ): 120 PCF
FRICTION ANGLE (ϕ): 30 DEGREES
COHESION (c): 0 PSF
GROUNDWATER ELEVATION: VARIES, USE ELEVATION ±325 FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- 30+25±, 43.0 FT RT TO STATION -L- 31+02±, 43.0 FT RT. 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 SUBSURFACE INVENTORY REPORT.

APPROVED:

DocuSigned by:
C. Byron Holden
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DATE: 10/9/2026

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ENGINEER

C. BYRON HOLDEN

NORTH CAROLINA

PROFESSIONAL

DIVISION OF HIGHWAYS

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

WORK ZONE TRAFFIC CONTROL

TEMPORARY SHORING
INFORMATION