



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

October 10, 2014

Addendum No. 2

RE: Contract ID C203484

WBS # 34839.3.GVS4

F. A. # NHF-0918(93)

Forsyth County (U-2579B)

Winston-Salem Northern Beltway (Eastern Section) From
US-158 To I-40 BUS/US-421

October 21, 2014 Letting

To Whom It May Concern:

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

The following revisions have been made to the Roadway plans:

Sheet No.	Revisions
3D-17	Deleted quantity in 30" Welded Steel Pipe column and added quantity to 36" Welded Steel Pipe column
3D-22	Deleted quantity in 30" Welded Steel Pipe column and revised quantity in 36" Welded Steel Pipe column
TMP-3	Revised phasing to accommodate relocation of the 20" water line
TMP-8	Revised Phase I, Step 2 detail to show barrier placement and additional pavement placed along -Y3- in this phase to accommodate waterline relocation
TMP-8A (New Sheet)	New sheet to show barrier placement and lane shift to accommodate waterline relocation
UC-11	Revised Utility manhole sizes

Please void the above listed sheets in your plans and staple the revised sheets thereto. For the new sheet please insert after the previous sheet.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT UNIT
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

TELEPHONE: 919-707-6900
FAX: 919-250-4119
WEBSITE: www.NCDOT.GOV

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

The following revisions have been made to the Structure plans:

Sheet No.	Revisions
S-491	Removed note concerning "Simulated Stone Form Liner"

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

The following revisions have been made to the proposal:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 9-30-14 and Addendum No. 2 Dated 10-09-14"

Please void the above listed page in your proposal and replace with the attached revised page.

On the item sheets the following pay item quantities have been revised or added:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
091-0973100000-E-330	30" Welded Steel Pipe, 0.5" Thick, Grade B In Soil	92 LF	DELETED
092-0973100000-E-330	36" Welded Steel Pipe, 0.5" Thick, Grade B In Soil	100 LF	227 LF
095-0973300000-E-330	30" Welded Steel Pipe, 0.5" Thick, Grade B Not In Soil	92 LF	DELETED
096-0973300000-E-330	36" Welded Steel Pipe, 0.5" Thick, Grade B Not In Soil	100 LF	227 LF
232-4400000000-E-1110	Work Zone Signs (Stationary)	2,342 SF	2,382 SF
243-4470000000-N-1160	Reset Temporary Crash Cushion	4 EA	8 EA
245-4485000000-E-1170	Portable Concrete Barrier	2,715 LF	2,908 LF
247-4505000000-E-1170	Reset Portable Concrete Barrier (Anchored)	5,270 LF	6,375 LF
250-4650000000-N-1251	Temporary Raised Pavement Markers	375 EA	391 EA
254-4810000000-E-1205	Paint Pavement Marking Lines (4")	128,435 LF	128,765 LF
262-4850000000-E-1205	Removal Of Pavement Marking Lines (4")	6,347 LF	8,896 LF

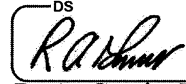
The Contractor's bid must be based on these revised pay item quantities. The contract will be prepared accordingly.

C203484

U-2579B
Forsyth County

The Expedite File has been updated to reflect this revision. Please download the Expedite Addendum File and follow the instructions for applying the addendum. Please be aware that this is the second ebs addendum file. Both ebs addendum files must be applied to the original Expedite File. Bid Express will not accept your bid unless the addendums have been applied.

Sincerely,


R. A. Garris, PE
Contract Officer

RAG/jag
Attachments

cc: Mr. Ron Hancock, PE
Mr. S. P. Ivy, PE
Ms. D. M. Barbour, PE
Mr. Rodger Rochelle, PE
Mr. R.E. Davenport, PE
Mr. G. R. Perfetti, PE
Project File (2)

Mr. Ray Arnold, PE
Ms. Natalie Roskam, PE
Mr. Ronnie Higgins
Mr. Mike Gwyn
Ms. Marsha Sample
Ms. Lori Strickland
Ms. Jaci Kincaid

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

PROPOSAL

INCLUDES ADDENDUM No.1 DATED 9-30-14
AND ADDENDUM No. 2 DATED 10-10-14

DATE AND TIME OF BID OPENING: **OCTOBER 21, 2014 AT 2:00 PM**

CONTRACT ID C203484
WBS 34839.3.GVS4

FEDERAL-AID NO. NHF-0918(93)

COUNTY FORSYTH

T.I.P. NO. U-2579B

MILES 4.057

ROUTE NO.

LOCATION WINSTON-SALEM NORTHERN BELTWAY (EASTERN SECTION) FROM
US-158 TO I-40 BUS/US-421.

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS, ITS, AND STRS.

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 \$30,000 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

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum LS		
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum LS		
0004	0000700000-N	SP	FIELD OFFICE	Lump Sum LS		
0005	0001000000-E	200	CLEARING & GRUBBING .. ACRE(S)	Lump Sum LS		
0006	0008000000-E	200	SUPPLEMENTARY CLEARING & GRUB- BING	5 ACR		
0007	0015000000-N	205	SEALING ABANDONED WELLS	29 EA		
0008	0022000000-E	225	UNCLASSIFIED EXCAVATION	3,571,000 CY		
0009	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+10.18-Y4RPA-)	Lump Sum LS		
0010	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+20.21-Y2-)	Lump Sum LS		
0011	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (23+54.25-Y5-)	Lump Sum LS		
0012	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (26+48.62-Y4RPBD-)	Lump Sum LS		
0013	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+75.85-Y5-)	Lump Sum LS		
0014	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (33+16.49-Y4CD-)	Lump Sum LS		
0015	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (34+08.68-Y1-)	Lump Sum LS		
0016	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (44+18.64-Y4RPBD-)	Lump Sum LS		
0017	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (46+83.44-Y4CD-)	Lump Sum LS		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0018	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (53+21.16-Y4RPBD-)	Lump Sum LS		
0019	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (556+85.00-L-LT)	Lump Sum LS		
0020	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (556+85.00-L-RT)	Lump Sum LS		
0021	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (584+17.77-L-LT)	Lump Sum LS		
0022	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (584+24.18-L-RT)	Lump Sum LS		
0023	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (628+57.75-L-RT)	Lump Sum LS		
0024	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (628+74.47-L-LT)	Lump Sum LS		
0025	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (642+75.24-L-LT)	Lump Sum LS		
0026	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (642+80.18-L-RT)	Lump Sum LS		
0027	0036000000-E	225	UNDERCUT EXCAVATION	7,500 CY		
0028	0106000000-E	230	BORROW EXCAVATION	2,900,000 CY		
0029	0134000000-E	240	DRAINAGE DITCH EXCAVATION	31,000 CY		
0030	0141000000-E	240	BERM DITCH CONSTRUCTION	2,860 LF		
0031	0156000000-E	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	87,000 SY		
0032	0177000000-E	250	BREAKING OF EXISTING ASPHALT PAVEMENT	18,000 SY		
0033	0192000000-N	260	PROOF ROLLING	120 HR		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0034	0195000000-E	265	SELECT GRANULAR MATERIAL	23,000 CY		
0035	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	47,100 SY		
0036	0199000000-E	SP	TEMPORARY SHORING	6,000 SF		
0037	0220000000-E	SP	ROCK EMBANKMENTS	1,000 TON		
0038	0222000000-E	SP	GEOTEXTILE FOR ROCK EMBANKMENTS	820 SY		
0039	0223000000-E	275	ROCK PLATING	3,500 SY		
0040	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	6,836 TON		
0041	0320000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	23,076 SY		
0042	0342000000-E	310	*** SIDE DRAIN PIPE (30")	4,352 LF		
0043	0342000000-E	310	*** SIDE DRAIN PIPE (36")	864 LF		
0044	0342000000-E	310	*** SIDE DRAIN PIPE (42")	2,172 LF		
0045	0342000000-E	310	*** SIDE DRAIN PIPE (48")	52 LF		
0046	0342000000-E	310	*** SIDE DRAIN PIPE (54")	84 LF		
0047	0342000000-E	310	*** SIDE DRAIN PIPE (60")	604 LF		
0048	0343000000-E	310	15" SIDE DRAIN PIPE	12,240 LF		
0049	0344000000-E	310	18" SIDE DRAIN PIPE	5,968 LF		
0050	0345000000-E	310	24" SIDE DRAIN PIPE	4,348 LF		
0051	0348000000-E	310	*** SIDE DRAIN PIPE ELBOWS (15")	72 EA		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0052	0348000000-E	310	*** SIDE DRAIN PIPE ELBOWS (18")	20 EA		
0053	0348000000-E	310	*** SIDE DRAIN PIPE ELBOWS (24")	7 EA		
0054	0348000000-E	310	*** SIDE DRAIN PIPE ELBOWS (30")	7 EA		
0055	0348000000-E	310	*** SIDE DRAIN PIPE ELBOWS (36")	2 EA		
0056	0350000000-E	SP	**** RC PIPE CULVERTS, CONTRACTOR DESIGN (18")	484 LF		
0057	0350000000-E	SP	**** RC PIPE CULVERTS, CONTRACTOR DESIGN (36")	380 LF		
0058	0350000000-E	SP	**** RC PIPE CULVERTS, CONTRACTOR DESIGN (42")	1,308 LF		
0059	0350000000-E	SP	**** RC PIPE CULVERTS, CONTRACTOR DESIGN (48")	1,276 LF		
0060	0350000000-E	SP	**** RC PIPE CULVERTS, CONTRACTOR DESIGN (60")	308 LF		
0061	0354000000-E	310	**** RC PIPE CULVERTS, CLASS ***** (24", V)	408 LF		
0062	0354000000-E	310	**** RC PIPE CULVERTS, CLASS ***** (30", V)	460 LF		
0063	0354000000-E	310	**** RC PIPE CULVERTS, CLASS ***** (36", V)	472 LF		
0064	0354000000-E	310	**** RC PIPE CULVERTS, CLASS ***** (54", V)	368 LF		
0065	0354000000-E	310	**** RC PIPE CULVERTS, CLASS ***** (72", V)	324 LF		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0066	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	4,292 LF		
0067	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	2,644 LF		
0068	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	1,080 LF		
0069	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	1,064 LF		
0070	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	380 LF		
0071	0396000000-E	310	42" RC PIPE CULVERTS, CLASS III	104 LF		
0072	0402000000-E	310	48" RC PIPE CULVERTS, CLASS III	124 LF		
0073	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (48")	528 LF		
0074	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (60")	1,020 LF		
0075	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	3,780 LF		
0076	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	1,540 LF		
0077	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	404 LF		
0078	0448500000-E	310	30" RC PIPE CULVERTS, CLASS IV	880 LF		
0079	0448700000-E	310	42" RC PIPE CULVERTS, CLASS IV	504 LF		
0080	0576000000-E	310	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")	172 LF		
0081	0576000000-E	310	*** CS PIPE CULVERTS, ***** THICK (42", 0.109")	28 LF		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity	Unit	Unit Bid Price	Amount Bid
0082	0576000000-E	310	*** CS PIPE CULVERTS, ***** THICK (54", 0.109")	260	LF		
0083	0582000000-E	310	15" CS PIPE CULVERTS, 0.064" THICK	1,256	LF		
0084	0588000000-E	310	18" CS PIPE CULVERTS, 0.064" THICK	588	LF		
0085	0594000000-E	310	24" CS PIPE CULVERTS, 0.064" THICK	368	LF		
0086	0600000000-E	310	30" CS PIPE CULVERTS, 0.079" THICK	164	LF		
0087	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	10	EA		
0088	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	3	EA		
0089	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	2	EA		
0090	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (42", 0.109")	1	EA		
0092	0973100000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (36", 0.500")	227	LF		
0093	0973100000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (42", 0.625")	348	LF		
0094	0973100000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (48", 0.625")	180	LF		
0096	0973300000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (36", 0.500")	227	LF		
0097	0973300000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (42", 0.625")	348	LF		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0098	0973300000-E	330	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (48", 0.625")	180 LF		
0099	0986000000-E	SP	GENERIC PIPE ITEM 8" DUCTILE IRON PIPE	548 LF		
0100	0995000000-E	340	PIPE REMOVAL	4,363 LF		
0101	1000000000-E	462	6" SLOPE PROTECTION	800 SY		
0102	1011000000-N	500	FINE GRADING	Lump Sum LS		
0103	1044000000-E	501	LIME TREATED SOIL (SLURRY METHOD)	130,610 SY		
0104	1066000000-E	501	LIME FOR LIME TREATED SOIL	1,380 TON		
0105	1077000000-E	SP	#57 STONE	505 TON		
0106	1099500000-E	505	SHALLOW UNDERCUT	5,000 CY		
0107	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	9,500 TON		
0108	1110000000-E	510	STABILIZER AGGREGATE	1,000 TON		
0109	1115000000-E	SP	GEOTEXTILE FOR PAVEMENT STABILIZATION	275,035 SY		
0110	1121000000-E	520	AGGREGATE BASE COURSE	90,000 TON		
0111	1176000000-E	542	SOIL CEMENT BASE	195,910 SY		
0112	1187000000-E	542	PORTLAND CEMENT FOR SOIL CEMENT BASE	5,486 TON		
0113	1209000000-E	543	ASPHALT CURING SEAL	48,980 GAL		
0114	1220000000-E	545	INCIDENTAL STONE BASE	2,000 TON		
0115	1275000000-E	600	PRIME COAT	2,240 GAL		
0116	1330000000-E	607	INCIDENTAL MILLING	2,650 SY		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0117	1489000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0B	57,000 TON		
0118	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	71,500 TON		
0119	1498000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	12,500 TON		
0120	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	40,000 TON		
0121	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	12,000 TON		
0122	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	51,000 TON		
0123	1525000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	23,000 TON		
0124	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	13,445 TON		
0125	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	235 TON		
0126	1840000000-E	665	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	48,100 LF		
0127	1847000000-E	710	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (12-1/2")	257,000 SY		
0128	1869000000-E	710	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (12-1/2")	11,000 SY		
0129	1881000000-E	SP	GENERIC PAVING ITEM MILLED RUMBLE STRIPS (CONC. SHLD.)	41,100 LF		
0130	1891000000-E	SP	GENERIC PAVING ITEM NONWOVEN GEOTEXTILE INTERLAYER	39,000 SY		
0131	1902000000-N	710	SURFACE TESTING CONCRETE PAVEMENT	Lump Sum LS		
0132	1913000000-E	720	CONCRETE SHOULDERS ADJACENT TO ***** PAVEMENT (12-1/2")	51,000 SY		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0133	1924000000-N	725	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT	Lump Sum LS		
0134	2000000000-N	806	RIGHT OF WAY MARKERS	245 EA		
0135	2022000000-E	815	SUBDRAIN EXCAVATION	2,688 CY		
0136	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	12,000 SY		
0137	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	2,016 CY		
0138	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	12,000 LF		
0139	2070000000-N	815	SUBDRAIN PIPE OUTLET	24 EA		
0140	2077000000-E	815	6" OUTLET PIPE	144 LF		
0141	2099000000-E	816	SHOULDER DRAIN	22,800 LF		
0142	2110000000-E	816	4" SHOULDER DRAIN PIPE	22,800 LF		
0143	2121000000-E	816	4" OUTLET PIPE FOR SHOULDER DRAINS	840 LF		
0144	2132000000-N	816	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	10 EA		
0145	2143000000-E	818	BLOTTING SAND	20 TON		
0146	2209000000-E	838	ENDWALLS	88.5 CY		
0147	2220000000-E	838	REINFORCED ENDWALLS	33 CY		
0148	2253000000-E	840	PIPE COLLARS	13 CY		
0149	2264000000-E	840	PIPE PLUGS	3 CY		
0150	2275000000-E	SP	FLOWABLE FILL	20 CY		
0151	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	365 EA		
0152	2297000000-E	840	MASONRY DRAINAGE STRUCTURES	34 CY		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0153	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	242 LF		
0154	2354000000-N	840	FRAME WITH GRATE, STD 840.22	6 EA		
0155	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	1 EA		
0156	2364200000-N	840	FRAME WITH TWO GRATES, STD 840.20	75 EA		
0157	2365000000-N	840	FRAME WITH TWO GRATES, STD 840.22	231 EA		
0158	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	10 EA		
0159	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	18 EA		
0160	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	5 EA		
0161	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	3 EA		
0162	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	8 EA		
0163	2396000000-N	840	FRAME WITH COVER, STD 840.54	27 EA		
0164	2407000000-N	840	STEEL FRAME WITH TWO GRATES, STD 840.37	2 EA		
0165	2451000000-N	852	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	1 EA		
0166	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	2,420 LF		
0167	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	5,260 LF		
0168	2556000000-E	846	SHOULDER BERM GUTTER	12,000 LF		
0169	2570000000-N	SP	MODIFIED CONCRETE FLUME	6 EA		
0170	2612000000-E	848	6" CONCRETE DRIVEWAY	140 SY		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0171	2619000000-E	850	4" CONCRETE PAVED DITCH	260 SY		
0172	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	400 SY		
0173	2724000000-E	857	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	12,970 LF		
0174	2830000000-N	858	ADJUSTMENT OF MANHOLES	4 EA		
0175	2860000000-N	859	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	3 EA		
0176	2995000000-N	SP	GENERIC DRAINAGE ITEM CONVERT EXISTING OTCB TO 2GI	14 EA		
0177	3000000000-N	SP	IMPACT ATTENUATOR UNIT, TYPE 350	1 EA		
0178	3030000000-E	862	STEEL BM GUARDRAIL	98,212.5 LF		
0179	3045000000-E	862	STEEL BM GUARDRAIL, SHOP CURVED	212.5 LF		
0180	3105000000-N	862	STEEL BM GUARDRAIL TERMINAL SECTIONS	16 EA		
0181	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	10 EA		
0182	3210000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	44 EA		
0183	3215000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE III	8 EA		
0184	3270000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE 350	73 EA		
0185	3285000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE M-350	2 EA		
0186	3317000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE B-77	68 EA		
0187	3360000000-E	863	REMOVE EXISTING GUARDRAIL	37,138 LF		
0188	3503000000-E	866	WOVEN WIRE FENCE, 47" FABRIC	57,800 LF		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0189	3509000000-E	866	4" TIMBER FENCE POSTS, 7'-6" LONG	3,670 EA		
0190	3515000000-E	866	5" TIMBER FENCE POSTS, 8'-0" LONG	840 EA		
0191	3557000000-E	866	ADDITIONAL BARBED WIRE	500 LF		
0192	3628000000-E	876	RIP RAP, CLASS I	3,100 TON		
0193	3635000000-E	876	RIP RAP, CLASS II	1,250 TON		
0194	3642000000-E	876	RIP RAP, CLASS A	20 TON		
0195	3649000000-E	876	RIP RAP, CLASS B	5,940 TON		
0196	3651000000-E	SP	BOULDERS	135 TON		
0197	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	29,850 SY		
0198	3659000000-N	SP	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	11 EA		
0199	4048000000-E	902	REINFORCED CONCRETE SIGN FOUNDATIONS	10 CY		
0200	4057000000-E	SP	OVERHEAD FOOTING	406 CY		
0201	4060000000-E	903	SUPPORTS, BREAKAWAY STEEL BEAM	3,151 LB		
0202	4066000000-E	903	SUPPORTS, SIMPLE STEEL BEAM	4,261 LB		
0203	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	3,333 LF		
0204	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (A - 28+00 -Y1RPA-)	Lump Sum LS		
0205	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (B - 502+50 -L-)	Lump Sum LS		
0206	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (C - 531+00 -L-)	Lump Sum LS		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0207	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (D - 586+50 -L-)	Lump Sum LS		
0208	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (E - 595+00 -L-)	Lump Sum LS		
0209	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (F - 610+00 -L-)	Lump Sum LS		
0210	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (G - 31+50 -Y4RPBD-)	Lump Sum LS		
0211	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (H - 92+50 -Y4-)	Lump Sum LS		
0212	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (I - 89+50 -Y4-)	Lump Sum LS		
0213	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (J - 43+00 -Y4CD-)	Lump Sum LS		
0214	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (K - 42+00 -Y4-)	Lump Sum LS		
0215	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (L - 72+00 -Y4-)	Lump Sum LS		
0216	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (M - 113+00 -Y4-)	Lump Sum LS		
0217	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (N - 322' FRM S MAIN ST EXIT)	Lump Sum LS		
0218	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (O - 19+50 -Y4-)	Lump Sum LS		
0219	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (P - 144' FROM LINVILLE RD EXIT)	Lump Sum LS		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0220	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (Q - 280' +/- FROM ROUTE MARKERS)	Lump Sum LS		
0221	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (R - 36+50 -Y1-)	Lump Sum LS		
0222	4096000000-N	904	SIGN ERECTION, TYPE D	9 EA		
0223	4102000000-N	904	SIGN ERECTION, TYPE E	124 EA		
0224	4108000000-N	904	SIGN ERECTION, TYPE F	10 EA		
0225	4110000000-N	904	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	8 EA		
0226	4110000000-N	904	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	2 EA		
0227	4114000000-N	904	SIGN ERECTION, MILEMARKERS	16 EA		
0228	4116100000-N	904	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)	1 EA		
0229	4143000000-N	907	DISPOSAL OF SUPPORT, OVERHEAD STRUCTURE	1 EA		
0230	4152000000-N	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	8 EA		
0231	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	48 EA		
0232	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	2,382 SF		
0233	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	1,147 SF		
0234	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	1,183 SF		
0235	4415000000-N	1115	FLASHING ARROW BOARD	4 EA		
0236	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	14 EA		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0237	4422000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	379 DAY		
0238	4430000000-N	1130	DRUMS	880 EA		
0239	4435000000-N	1135	CONES	50 EA		
0240	4445000000-E	1145	BARRICADES (TYPE III)	1,200 LF		
0241	4450000000-N	1150	FLAGGER	2,224 HR		
0242	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	10 EA		
0243	4470000000-N	1160	RESET TEMPORARY CRASH CUSHION	8 EA		
0244	4480000000-N	1165	TMA	4 EA		
0245	4485000000-E	1170	PORTABLE CONCRETE BARRIER	2,908 LF		
0246	4490000000-E	1170	PORTABLE CONCRETE BARRIER (ANCHORED)	23,400 LF		
0247	4500000000-E	1170	RESET PORTABLE CONCRETE BARRIER	6,375 LF		
0248	4510000000-N	SP	LAW ENFORCEMENT	406 HR		
0249	4520000000-N	1266	TUBULAR MARKERS (FIXED)	120 EA		
0250	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	391 EA		
0251	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	130 LF		
0252	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	4 EA		
0253	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	60 EA		
0254	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	128,765 LF		
0255	4815000000-E	1205	PAINT PAVEMENT MARKING LINES (6")	300,040 LF		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0256	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	345 LF		
0257	4825000000-E	1205	PAINT PAVEMENT MARKING LINES (12")	7,982 LF		
0258	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	84 LF		
0259	4847000000-E	1205	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)	32,503 LF		
0260	4847100000-E	1205	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)	174,105 LF		
0261	4847120000-E	1205	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)	5,570 LF		
0262	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	8,896 LF		
0263	4900000000-N	1251	PERMANENT RAISED PAVEMENT MARKERS	156 EA		
0264	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	1,593 EA		
0265	4915000000-E	1264	7' U-CHANNEL POSTS	24 EA		
0266	4935000000-N	1267	FLEXIBLE DELINEATORS (CRYSTAL)	90 EA		
0267	4940000000-N	1267	FLEXIBLE DELINEATORS (YELLOW)	56 EA		
0268	4945000000-N	1267	FLEXIBLE DELINEATORS (CRYSTAL & RED)	5 EA		
0269	4950000000-N	1267	FLEXIBLE DELINEATORS (YELLOW & RED)	5 EA		
0270	4955000000-N	1264	OBJECT MARKERS (END OF ROAD)	24 EA		
0271	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum LS		
0272	5325600000-E	1510	6" WATER LINE	1,423 LF		
0273	5325800000-E	1510	8" WATER LINE	1,125 LF		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0274	5326200000-E	1510	12" WATER LINE	2,520 LF		
0275	5326600000-E	1510	16" WATER LINE	1,637 LF		
0276	5327000000-E	1510	20" WATER LINE	420 LF		
0277	5540000000-E	1515	6" VALVE	3 EA		
0278	5546000000-E	1515	8" VALVE	3 EA		
0279	5558000000-E	1515	12" VALVE	2 EA		
0280	5558600000-E	1515	16" VALVE	2 EA		
0281	5571600000-E	1515	6" TAPPING VALVE	3 EA		
0282	5589100000-E	1515	1" AIR RELEASE VALVE	3 EA		
0283	5648000000-N	1515	RELOCATE WATER METER	3 EA		
0284	5672000000-N	1515	RELOCATE FIRE HYDRANT	8 EA		
0285	5691300000-E	1520	8" SANITARY GRAVITY SEWER	1,165 LF		
0286	5691600000-E	1520	16" SANITARY GRAVITY SEWER	511 LF		
0287	5691700000-E	1520	18" SANITARY GRAVITY SEWER	724 LF		
0288	5691900000-E	1520	24" SANITARY GRAVITY SEWER	1,554 LF		
0289	5692000000-E	1520	30" SANITARY GRAVITY SEWER	367 LF		
0290	5775000000-E	1525	4' DIA UTILITY MANHOLE	13 EA		
0291	5776000000-E	1525	5' DIA UTILITY MANHOLE	11 EA		
0292	5777000000-E	1525	6' DIA UTILITY MANHOLE	4 EA		
0293	5781000000-E	1525	UTILITY MANHOLE WALL, 4' DIA	40 LF		
0294	5782000000-E	1525	UTILITY MANHOLE WALL, 5' DIA	133 LF		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0295	5783000000-E	1525	UTILITY MANHOLE WALL, 6' DIA	16 LF		
0296	5801000000-E	1530	ABANDON 8" UTILITY PIPE	1,423 LF		
0297	5804000000-E	1530	ABANDON 12" UTILITY PIPE	100 LF		
0298	5810000000-E	1530	ABANDON 16" UTILITY PIPE	900 LF		
0299	5811000000-E	1530	ABANDON 18" UTILITY PIPE	1,003 LF		
0300	5812000000-E	1530	ABANDON 20" UTILITY PIPE	415 LF		
0301	5813000000-E	1530	ABANDON 24" UTILITY PIPE	1,333 LF		
0302	5814000000-E	1530	ABANDON 30" UTILITY PIPE	20 LF		
0303	5815000000-N	1530	REMOVE WATER METER	8 EA		
0304	5815500000-N	1530	REMOVE FIRE HYDRANT	7 EA		
0305	5816000000-N	1530	ABANDON UTILITY MANHOLE	7 EA		
0306	5828000000-N	1530	REMOVE UTILITY MANHOLE	13 EA		
0307	5835700000-E	1540	16" ENCASEMENT PIPE	810 LF		
0308	5836000000-E	1540	24" ENCASEMENT PIPE	300 LF		
0309	5836200000-E	1540	30" ENCASEMENT PIPE	810 LF		
0310	5888000000-E	SP	GENERIC UTILITY ITEM ANCHOR SEWER MAIN TO PROPOSED CULVERT	52 LF		
0311	5890000000-N	1510	GENERIC UTILITY ITEM REMOVE BLOWOFF ASSEMBLY	1 EA		
0312	6000000000-E	1605	TEMPORARY SILT FENCE	249,000 LF		
0313	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	5,375 TON		
0314	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	83,520 TON		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0315	6012000000-E	1610	SEDIMENT CONTROL STONE	51,665 TON		
0316	6015000000-E	1615	TEMPORARY MULCHING	500 ACR		
0317	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	82,400 LB		
0318	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	357 TON		
0319	6024000000-E	1622	TEMPORARY SLOPE DRAINS	25,000 LF		
0320	6029000000-E	SP	SAFETY FENCE	65,400 LF		
0321	6030000000-E	1630	SILT EXCAVATION	168,600 CY		
0322	6036000000-E	1631	MATTING FOR EROSION CONTROL	600,000 SY		
0323	6037000000-E	SP	COIR FIBER MAT	3,150 SY		
0324	6038000000-E	SP	PERMANENT SOIL REINFORCEMENT MAT	10,000 SY		
0325	6042000000-E	1632	1/4" HARDWARE CLOTH	16,350 LF		
0326	6046000000-E	1636	TEMPORARY PIPE FOR STREAM CROSSING	125 LF		
0327	6048000000-E	SP	FLOATING TURBIDITY CURTAIN	335 SY		
0328	6069000000-E	1638	STILLING BASINS	2,000 CY		
0329	6070000000-N	1639	SPECIAL STILLING BASINS	20 EA		
0330	6071012000-E	SP	COIR FIBER WATTLE	15,600 LF		
0331	6071020000-E	SP	POLYACRYLAMIDE (PAM)	11,150 LB		
0332	6071030000-E	1640	COIR FIBER BAFFLE	50,000 LF		
0333	6071050000-E	SP	*** SKIMMER (1-1/2")	131 EA		
0334	6071050000-E	SP	*** SKIMMER (2")	12 EA		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0335	6071050000-E	SP	*** SKIMMER (2-1/2")	2 EA		
0336	6084000000-E	1660	SEEDING & MULCHING	600 ACR		
0337	6087000000-E	1660	MOWING	300 ACR		
0338	6090000000-E	1661	SEED FOR REPAIR SEEDING	7,200 LB		
0339	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	28.75 TON		
0340	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	14,350 LB		
0341	6108000000-E	1665	FERTILIZER TOPDRESSING	430 TON		
0342	6111000000-E	SP	IMPERVIOUS DIKE	1,500 LF		
0343	6114500000-N	1667	SPECIALIZED HAND MOWING	515 MHR		
0344	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	150 EA		
0345	6120000000-E	SP	CULVERT DIVERSION CHANNEL	7,000 CY		
0346	6123000000-E	1670	REFORESTATION	10 ACR		
0347	6126000000-E	SP	STREAMBANK REFORESTATION	1 ACR		
0348	7060000000-E	1705	SIGNAL CABLE	1,750 LF		
0349	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	13 EA		
0350	7252000000-E	1710	MESSENGER CABLE (1/4")	12,699 LF		
0351	7264000000-E	1710	MESSENGER CABLE (3/8")	1,200 LF		
0352	7276000000-E	1715	BORE & JACK (***** (1, 6")	270 LF		
0353	7279000000-E	1715	TRACER WIRE	33,556 LF		
0354	7300000000-E	1715	UNPAVED TRENCHING (***** (1, 2")	1,225 LF		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0355	7301000000-E	1715	DIRECTIONAL DRILL (***** (1, 2")	386 LF		
0356	7301000000-E	1715	DIRECTIONAL DRILL (***** (2, 2")	10,001 LF		
0357	7312000000-N	1716	JUNCTION BOX (***** (SPECIAL SIZED)	11 EA		
0358	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	27 EA		
0359	7348000000-N	1716	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)	45 EA		
0360	7360000000-N	1720	WOOD POLE	88 EA		
0361	7372000000-N	1721	GUY ASSEMBLY	40 EA		
0362	7408000000-E	1722	1" RISER WITH WEATHERHEAD	2 EA		
0363	7420000000-E	1722	2" RISER WITH WEATHERHEAD	9 EA		
0364	7432000000-E	1722	2" RISER WITH HEAT SHRINK TUBING	6 EA		
0365	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	1,350 LF		
0366	7456000000-E	1726	LEAD-IN CABLE (***** (14-2)	4,300 LF		
0367	7516000000-E	1730	COMMUNICATIONS CABLE (**FIBER) (144)	26,023 LF		
0368	7516000000-E	1730	COMMUNICATIONS CABLE (**FIBER) (72)	24,601 LF		
0369	7528000000-E	1730	DROP CABLE	1,639 LF		
0370	7540000000-N	1731	SPLICE ENCLOSURE	7 EA		
0371	7541000000-N	1731	MODIFY SPLICE ENCLOSURE	2 EA		
0372	7552000000-N	1731	INTERCONNECT CENTER	5 EA		
0373	7566000000-N	1733	DELINEATOR MARKER	49 EA		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0374	7575142000-N	1736	900MHZ RADIO	2 EA		
0375	7575142200-N	SP	NEW ELECTRICAL SERVICE	7 EA		
0376	7575160000-E	1734	REMOVE EXISTING COMMUNICATIONS CABLE	24,611 LF		
0377	7613000000-N	SP	SOIL TEST	4 EA		
0378	7614100000-E	SP	DRILLED PIER FOUNDATION	32 CY		
0379	7636000000-N	1745	SIGN FOR SIGNALS	5 EA		
0380	7684000000-N	1750	SIGNAL CABINET FOUNDATION	2 EA		
0381	7756000000-N	1751	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	2 EA		
0382	7780000000-N	1751	DETECTOR CARD (TYPE 2070L)	6 EA		
0383	7901000000-N	1753	CABINET BASE EXTENDER	2 EA		
0384	7980000000-N	SP	GENERIC SIGNAL ITEM 10KVA SINGLE PHASE TRANSFORMER	4 EA		
0385	7980000000-N	SP	GENERIC SIGNAL ITEM 5/8" X 10' GROUNDING ELECTRODE	27 EA		
0386	7980000000-N	SP	GENERIC SIGNAL ITEM CARD CAGES	1 EA		
0387	7980000000-N	SP	GENERIC SIGNAL ITEM CCTV CABINET	5 EA		
0388	7980000000-N	SP	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY	5 EA		
0389	7980000000-N	SP	GENERIC SIGNAL ITEM CCTV CAMERA LOWERING SYSTEM	2 EA		
0390	7980000000-N	SP	GENERIC SIGNAL ITEM CCTV EXTENSION POLE	1 EA		
0391	7980000000-N	SP	GENERIC SIGNAL ITEM CCTV METAL POLE (50')	2 EA		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0392	7980000000-N	SP	GENERIC SIGNAL ITEM CCTV METAL POLE (70')	2 EA		
0393	7980000000-N	SP	GENERIC SIGNAL ITEM COMMUNICATIONS RACK	1 EA		
0394	7980000000-N	SP	GENERIC SIGNAL ITEM DIGITAL HARDWARE VIDEO DECODER	6 EA		
0395	7980000000-N	SP	GENERIC SIGNAL ITEM DIGITAL HARDWARE VIDEO ENCODER	6 EA		
0396	7980000000-N	SP	GENERIC SIGNAL ITEM DMS	2 EA		
0397	7980000000-N	SP	GENERIC SIGNAL ITEM DMS ACCESS LADDER	3 EA		
0398	7980000000-N	SP	GENERIC SIGNAL ITEM DMS OVERHEAD ASSEMBLY	1 EA		
0399	7980000000-N	SP	GENERIC SIGNAL ITEM DMS PEDESTAL ASSEMBLY	2 EA		
0400	7980000000-N	SP	GENERIC SIGNAL ITEM EQUIPMENT CABINET BASE EXTEND- ER	2 EA		
0401	7980000000-N	SP	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT	7 EA		
0402	7980000000-N	SP	GENERIC SIGNAL ITEM EQUIPMENT CABINET FOUNDATION	2 EA		
0403	7980000000-N	SP	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH	7 EA		
0404	7980000000-N	SP	GENERIC SIGNAL ITEM FURNISH CCTV ASSEMBLY	1 EA		
0405	7980000000-N	SP	GENERIC SIGNAL ITEM FURNISH DIGITAL HARDWARE VIDEO DECODER	2 EA		
0406	7980000000-N	SP	GENERIC SIGNAL ITEM FURNISH DIGITAL HARDWARE VIDEO ENCODER	2 EA		
0407	7980000000-N	SP	GENERIC SIGNAL ITEM FURNISH ETHERNET EDGE SWITCH	1 EA		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0408	7980000000-N	SP	GENERIC SIGNAL ITEM HUB CABINET	1 EA		
0409	7980000000-N	SP	GENERIC SIGNAL ITEM HUB SPLICE CENTER	1 EA		
0410	7980000000-N	SP	GENERIC SIGNAL ITEM MANAGED ETHERNET CORE SWITCH MODIFICATIONS	1 EA		
0411	7980000000-N	SP	GENERIC SIGNAL ITEM MANAGED ETHERNET ROUTING SWITCH	1 EA		
0412	7980000000-N	SP	GENERIC SIGNAL ITEM MODIFY NETWORK MANAGEMENT SOFTWARE	1 EA		
0413	7980000000-N	SP	GENERIC SIGNAL ITEM PORTABLE CCTV	1 EA		
0414	7980000000-N	SP	GENERIC SIGNAL ITEM PORTABLE CCTV LOWERING TOOL	1 EA		
0415	7980000000-N	SP	GENERIC SIGNAL ITEM SOLAR POWER ASSEMBLY	1 EA		
0416	7980000000-N	SP	GENERIC SIGNAL ITEM UPS	1 EA		
0417	7985000000-N	SP	GENERIC SIGNAL ITEM DMS (REMOVE AND REINSTALL)	Lump Sum LS		
0418	7990000000-E	SP	GENERIC SIGNAL ITEM 3-WIRE FEEDER CONDUCTORS	3,178 LF		
0419	7990000000-E	SP	GENERIC SIGNAL ITEM 4-WIRE FEEDER CONDUCTORS	785 LF		
0420	7990000000-E	SP	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (1, 2")	2,655 LF		
0421	7990000000-E	SP	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (2, 2")	23,460 LF		
0422	7992000000-E	SP	GENERIC SIGNAL ITEM OVERHEAD SIGN ASSEMBLY FOOTINGS	16 CY		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0423	8056000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+11.00-Y1-)	Lump Sum LS		
0424	8126000000-N	414	CULVERT EXCAVATION, STA ***** (23+11.00-Y1-)	Lump Sum LS		
0425	8126000000-N	414	CULVERT EXCAVATION, STA ***** (559+74.00-L-)	Lump Sum LS		
0426	8126000000-N	414	CULVERT EXCAVATION, STA ***** (616+45.00-L-)	Lump Sum LS		
0427	8126000000-N	414	CULVERT EXCAVATION, STA ***** (667+15.00-L-)	Lump Sum LS		
0428	8126000000-N	414	CULVERT EXCAVATION, STA ***** (STA. 45+65.43 -Y4-)	Lump Sum LS		
0429	8133000000-E	414	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	3,438 TON		
0430	8196000000-E	420	CLASS A CONCRETE (CULVERT)	9,004 CY		
0431	8245000000-E	425	REINFORCING STEEL (CULVERT)	820,225 LB		
0432	8804000000-N	SP	GENERIC CULVERT ITEM PLACEMENT OF NATURAL STREAM BED MATERIAL	Lump Sum LS		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0433	8801000000-E	SP	MSE RETAINING WALL NO **** (1)	6,334 SF		
0434	8802014000-E	SP	SOLDIER PILE RETAINING WALLS	850 SF		
0435	8839000000-E	SP	GENERIC RETAINING WALL ITEM CONCRETE BARRIER RAIL WITH MOM ENT SLAB	500 LF		
0436	8847000000-E	SP	GENERIC RETAINING WALL ITEM ANCHORED SOLDIER PILE WALLS	7,900 SF		
0437	8847000000-E	SP	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL	255,982 SF		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0438	8084000000-N	410	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (2,52+94.28-Y4RPBD-)	Lump Sum LS		
0439	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 17+10.00-Y4RPA-)	Lump Sum LS		
0440	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 482+13.14 -L-)	Lump Sum LS		
0441	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 516+31.30-L-)	Lump Sum LS		
0442	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 584+36.24 -L-LT)	Lump Sum LS		
0443	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 584+36.24-L-RT)	Lump Sum LS		
0444	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,28+50.16-Y5-)	Lump Sum LS		
0445	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,44+08.64-Y4RPBD-)	Lump Sum LS		
0446	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,46+87.16-Y4CD-)	Lump Sum LS		
0447	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,52+94.28-Y4RPBD-)	Lump Sum LS		
0448	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,642+81.42-L-LT)	Lump Sum LS		
0449	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,642+81.42-L-RT)	Lump Sum LS		
0450	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 584+36.24 -L-LT)	Lump Sum LS		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0451	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 584+36.24-L-RT)	Lump Sum LS		
0452	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 628+65.50-L-LT)	Lump Sum LS		
0453	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 628+65.50-L-RT)	Lump Sum LS		
0454	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,28+50.16-Y5-)	Lump Sum LS		
0455	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,33+15.67-Y4CD-)	Lump Sum LS		
0456	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,52+94.28-Y4RPBD-)	Lump Sum LS		
0457	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3,28+50.16-Y5-)	Lump Sum LS		
0458	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4, 17+10.00-Y4RPA-)	Lump Sum LS		
0459	8096000000-E	450	PILE EXCAVATION IN SOIL	64 LF		
0460	8097000000-E	450	PILE EXCAVATION NOT IN SOIL	78 LF		
0461	8105500000-E	411	***_*** DIA DRILLED PIERS IN SOIL (4'-6")	454.8 LF		
0462	8105500000-E	411	***_*** DIA DRILLED PIERS IN SOIL (5'-0")	260 LF		
0463	8105500000-E	411	***_*** DIA DRILLED PIERS IN SOIL (5'-6")	74.6 LF		
0464	8105560000-E	411	4'-0" DIA DRILLED PIERS IN SOIL	437 LF		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0465	8105600000-E	411	***-*** DIA DRILLED PIERS NOT IN SOIL (4'-6")	132 LF		
0466	8105600000-E	411	***-*** DIA DRILLED PIERS NOT IN SOIL (5'-0")	103 LF		
0467	8105600000-E	411	***-*** DIA DRILLED PIERS NOT IN SOIL (5'-6")	34 LF		
0468	8105660000-E	411	4'-0" DIA DRILLED PIERS NOT IN SOIL	152 LF		
0469	8111000000-E	411	PERMANENT STEEL CASING FOR ***-*** DIA DRILLED PIER (4'-6")	292.6 LF		
0470	8111000000-E	411	PERMANENT STEEL CASING FOR ***-*** DIA DRILLED PIER (5'-0")	204 LF		
0471	8111600000-E	411	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER	104 LF		
0472	8112730000-N	450	PDA TESTING	12 EA		
0473	8113000000-N	411	SID INSPECTIONS	6 EA		
0474	8114000000-N	411	SPT TESTING	1 EA		
0475	8115000000-N	411	CSL TESTING	7 EA		
0476	8147000000-E	420	REINFORCED CONCRETE DECK SLAB	225,152 SF		
0477	8154000000-E	420	REINFORCED CONCRETE DECK SLAB (SAND LIGHTWEIGHT CONC)	42,278 SF		
0478	8161000000-E	420	GROOVING BRIDGE FLOORS	285,922 SF		
0479	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	5,746.3 CY		
0480	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (17+10.00-Y4RPA-)	Lump Sum LS		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0481	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (23+59.12-Y5-)	Lump Sum LS		
0482	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (26+60.00-Y4RPBD-)	Lump Sum LS		
0483	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (28+50.16-Y5-)	Lump Sum LS		
0484	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (33+15.67-Y4CD-)	Lump Sum LS		
0485	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (44+08.64-Y4RPBD-)	Lump Sum LS		
0486	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (46+87.16-Y4CD-)	Lump Sum LS		
0487	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (482+13.14-L-)	Lump Sum LS		
0488	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (516+31.30-L-)	Lump Sum LS		
0489	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (52+94.28-Y4RPBD-)	Lump Sum LS		
0490	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (556+85.00-L-LT)	Lump Sum LS		
0491	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (556+85.00-L-RT)	Lump Sum LS		
0492	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (584+36.24-L-LT)	Lump Sum LS		
0493	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (584+36.24-L-RT)	Lump Sum LS		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0494	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (628+65.50-L-LT)	Lump Sum LS		
0495	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (628+65.50-L-RT)	Lump Sum LS		
0496	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (642+81.42-L-LT)	Lump Sum LS		
0497	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (642+81.42-L-RT)	Lump Sum LS		
0498	8217000000-E	425	REINFORCING STEEL (BRIDGE)	1,162,502 LB		
0499	8238000000-E	425	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	153,179 LB		
0500	8265000000-E	430	54" PRESTRESSED CONCRETE GIR- DERS	5,829.92 LF		
0501	8274000000-E	430	MODIFIED 63" PRESTRESSED CONC GIRDERS	8,411.03 LF		
0502	8277000000-E	430	MODIFIED 72" PRESTRESSED CONC GIRDERS	11,704.64 LF		
0503	8280000000-E	440	APPROX LBS STRUCTURAL STEEL	445,000 LS		
0504	8364000000-E	450	HP12X53 STEEL PILES	37,197 LF		
0505	8384000000-E	450	HP14X73 STEEL PILES	4,380 LF		
0506	8391000000-N	450	STEEL PILE POINTS	247 EA		
0507	8392500000-E	450	PREDRILLING FOR PILES	242 LF		
0508	8475000000-E	460	TWO BAR METAL RAIL	1,023.62 LF		
0509	8503000000-E	460	CONCRETE BARRIER RAIL	8,793.23 LF		
0510	8517000000-E	460	1'-***"X ***** CONCRETE PARA- PET (1'-2" X 2'-6")	1,056 LF		

Contract Item Sheets For C203484

Line #	ItemNumber	Sec #	Description	Quantity Unit	Unit Bid Price	Amount Bid
0511	8531000000-E	462	4" SLOPE PROTECTION	9,157 SY		
0512	8608000000-E	876	RIP RAP CLASS II (2'-0" THICK)	20,827 TON		
0513	8622000000-E	876	GEOTEXTILE FOR DRAINAGE	23,135 SY		
0514	8654000000-N	SP	DISC BEARINGS	Lump Sum LS		
0515	8657000000-N	430	ELASTOMERIC BEARINGS	Lump Sum LS		
0516	8692000000-N	SP	FOAM JOINT SEALS	Lump Sum LS		
0517	8706000000-N	SP	EXPANSION JOINT SEALS	Lump Sum LS		
0518	8860000000-N	SP	GENERIC STRUCTURE ITEM SOUND BARRIER WALL (BRIDGE MOUNTED)	Lump Sum LS		
0519	8892000000-E	SP	GENERIC STRUCTURE ITEM CONCRETE SIMULATED STONE FORM LINER	3,592.2 SF		
0520	8892000000-E	SP	GENERIC STRUCTURE ITEM CONCRETE STAINING	18,581.1 SF		
0521	8897000000-N	SP	GENERIC STRUCTURE ITEM CONCRETE MEDALLION PANEL	8 EA		
0522	8111000000-E	411	PERMANENT STEEL CASING FOR ***.***" DIA DRILLED PIER (5'-6")	48.6 LF		

TOTAL AMOUNT OF BID FOR ENTIRE PROJECT

\$0.00

RD253946

COMPUTED BY: CGM DATE: 3/06/14
CHECKED BY: JRR DATE:

PROJECT NO. U-2679B SHEET NO. 3D-22

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

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

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

Table with columns for LINE & STATION, SIZE, THICKNESS OR GAUGE, OFFSET, STRUCTURE NUMBER, TOP ELEVATION, INVERT ELEVATION, SIDE DRAIN PIPE, C. S. PIPE, R. C. PIPE CLASS III, R. C. PIPE CLASS IV, R. C. PIPE CLASS V, QUANTITIES FOR DRAINAGE STRUCTURES, FRAME, GRATES, AND HOOD, CONCRETE TRANSITIONAL SECTION, and REMARKS. Includes sub-totals for Drainage Str. For Utilities, Pipe Removal, and M.H. Frame and Covers.

SHEET TOTALS: 272
PROJECT TOTALS: 12280 5968 4348 4352 864 2172 52 1256 588 368 164 172 28 4292 2644 1080 1064 380 104 124 3780 1540 404 880 504 528 408 460 472 548 1308 1276 380 484 454 696 360 88.500 365 242.0 16 5 3 8 1 3 1 1 55 265 75 6 231 10 18 20 2 2 3 27 3 14 72 20 7 7 2 10 3 2 1 12 6 11 2 20 13 3 4363

ABBREVIATIONS
C.A.A. CORRUGATED ALUMINUM ALLOY
C.B. CATCH BASIN
C.S. CORRUGATED STEEL
D.I. DROP INLET
G.D.I. GRATED DROP INLET
H.D.P.E. HIGH DENSITY POLYETHYLENE
J.B. JUNCTION BOX
M.H. MANHOLE
N.S. NARROW SLOT
P.V.C. POLYVINYL CHLORIDE
R.C. REINFORCED CONCRETE
T.B.D.I. TRAFFIC BEARING DROP INLET
W.S. WIDE SLOT

PHASING



PROJ. REFERENCE NO.	SHEET NO.
U-2579B	TMP-3

NOTES: -PROJECT IS DIVIDED INTO THE FOLLOWING AREAS. EACH AREA CAN BE WORKED ON INDEPENDENTLY FROM THE OTHER TWO AREAS UNLESS OTHERWISE NOTED.
 -'RSD' REFERS TO NCDOT ROADWAY STANDARD DRAWINGS
 -ALL PROPOSED ASPHALT ROADWAY CONSTRUCTION IS UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE UNLESS OTHERWISE NOTED.

AREA 1

- L- STA 478+00 TO -L- STA 511+00±
- Y1- STA 10+00 TO -Y1- STA 54+00
- Y1DET- STA 10+65 TO -Y1DET- STA 49+80
- Y1LPA- STA 10+00 TO -Y1LPA- STA 22+03
- Y1RPA- STA 10+00 TO -Y1RPA- STA 31+29
- Y1LPD- STA 10+00 TO -Y1LPD- STA 22+60
- Y1RPD- STA 10+00 TO -Y1RPD- STA 33+20
- Y7- STA 10+00 TO -Y7- STA 13+94
- Y9- STA 10+00 TO -Y9- STA 13+00
- DR1- STA 10+00 TO -DR1- STA 11+03

AREA 2

- L- STA 511+00± TO -L- STA 605+00±
- Y2- STA 10+00 TO -Y2- STA 29+75
- DR5- STA 10+00 TO -DR5- STA 23+00
- Y2A- STA 16+00 TO -Y2A- STA 22+00
- Y3- STA 18+25 TO -Y3- STA 26+25

AREA 3

- L- STA 605+00± TO -L- STA 692+33
- Y4EB- STA 26+80 TO -Y4EB- STA 148+00
- Y4WB- STA 26+80 TO -Y4WB- STA 148+00
- Y4LPA- STA 10+00 TO -Y4LPA- STA 24+20
- Y4LPB- STA 10+00 TO -Y4LPB- STA 24+68
- Y4LPD- STA 10+00 TO -Y4LPD- STA 24+75
- Y4RPA- STA 10+00 TO -Y4RPA- STA 36+24
- Y4RPB- STA 10+00 TO -Y4RPB- STA 32+80
- Y4RPC- STA 10+00 TO -Y4RPC- STA 40+03
- Y4RPD- STA 10+00 TO -Y4RPD- STA 29+56
- Y4RPBD- STA 10+00 TO -Y4RPBD- STA 81+62
- Y5- STA 10+00 TO -Y5- STA 33+30
- Y6- STA 17+25 TO -Y6- STA 38+30
- Y8- STA 10+00 TO -Y8- STA 10+77
- Y5DET- STA 10+00 TO -Y5DET- STA 32+33

PHASE I

AREA 1

STEP 1

INSTALL ALL ADVANCE WORK ZONE WARNING SIGNS ON US 158, OLD BELEWS CREEK ROAD AND ESTHER LANE ACCORDING TO RSD 1101.01 (SHEET 3 OF 3).

STEP 2

USING RSD 1101.02 (SHEET 1 OF 15) AND AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF THE FOLLOWING PROPOSED (SEE SHEET TMP-4 THRU TMP-7):

- L- STA 478+00 TO -L- STA 481+00±
- L- STA 486+00± TO -L- STA 511+00±
- Y1DET- STA 10+65± TO -Y1DET- STA 49+80±
- Y1LPA- STA 12+31± TO -Y1LPA- STA 19+50±
- Y1RPA- STA 14+53± TO -Y1RPA- STA 28+60±
- Y1LPD- STA 12+31± TO -Y1LPD- STA 19+75±
- Y1RPD- STA 14+53± TO -Y1RPD- STA 30+50±
- Y9- STA 10+00± TO -Y9- STA 13+00±

INSTALL DETOUR SIGNS FOR -Y7- DETOUR AND COVER (SEE SHEET TMP-2G).

AREA 2

STEP 1

INSTALL ALL ADVANCE WORK ZONE WARNING SIGNS ON PISGAH CHURCH ROAD, WEST MOUNTAIN ROAD AND WALKERTOWN-GUTHRIE ROAD ACCORDING TO RSD 1101.01 (SHEET 3 OF 3).

STEP 2

USING RSD 1101.02 (SHEET 1 OF 15) AND AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF THE FOLLOWING (SEE SHEET TMP-4 AND TMP-8):

- L- STA 511+00± TO -L- STA 515+00±
- L- STA 518+00± TO -L- STA 582+60±
- L- STA 585+90± TO -L- STA 595+80±
- L- STA 596+75± TO -L- STA 605+00±
- DR5- STA 10+00± TO -DR5- STA 23+00±

USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT SHOULDER WIDENING ON -Y2A- UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT AT THE FOLLOWING LOCATIONS (SEE SHEET TMP-8):

- Y2A- STA 16+00± TO -Y2A- STA 17+30± RT & LT, FULL WIDTH
- Y2A- STA 19+30± TO -Y2A- STA 22+00± RT & LT, FULL WIDTH
- Y2A- STA 17+30± TO -Y2A- STA 19+30± RT, MINIMUM 8' WIDTH

USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT 4' SHOULDER WIDENING ON -Y3- UP TO THE EDGE AND ELEVATION THEN INSTALL PCB. BEHIND BARRIER AND USING RSD 1101.02 (SHEET 1 OF 15), CONTINUE WIDENING AT THE FOLLOWING LOCATIONS (SEE SHEET TMP-8):

- Y3- STA 18+25± TO -Y3- STA 21+00± LEFT, FULL WIDTH
- Y3- STA 21+00± TO -Y3- STA 24+30± LEFT, MINIMUM 20' WIDTH
- Y3- STA 24+30± TO -Y3- STA 26+25± LEFT, FULL WIDTH

INSTALL DETOUR SIGNS FOR -Y2- DETOUR AND COVER. INSTALL AND ACTIVATE CMS BOARDS 14 DAYS BEFORE CLOSING WALKERTOWN-GUTHRIE ROAD (-Y2-). (SEE SHEET TMP-2E)(SEE LOCAL NOTE 8).

STEP 2A

USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING ON -Y3- (SEE SHEETS TMP-8A):

- REMOVE PCB FROM PHASE I, STEP 2
- PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT TRAFFIC TO -Y3TEMP- PATTERN
- INSTALL PCB ALONG -Y3TEMP- FROM STA 10+70± TO STA 16+50±

BEHIND BARRIER AND USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING (SEE SHEET TMP-8A):

- RELOCATE PROPOSED WATERLINE
- CONSTRUCT WIDENING UP TO EDGE AND ELEVATION OF EXISTING PAVEMENT AT THE FOLLOWING LOCATIONS:
 - Y3- STA 18+25± TO STA 21+70± RIGHT
 - Y3- STA 23+75± TO STA 26+25± RIGHT

BEHIND BARRIER, MAY BEGIN INSTALLATION OF TEMPORARY SHORING 2 ALONG -Y3- (AFTER INSTALLATION OF PROPOSED WATERLINE).

NOTE: AREA 2, STEPS 3 & 4 MAY BE PERFORMED SIMULTANEOUSLY.
 AREA 2, STEPS 2A & 3 MAY BE PERFORMED SIMULTANEOUSLY.

COMPLETE THE WORK REQUIRED IN AREA 2, PHASE I, STEP 3 IN TWO HUNDRED FORTY (240) CONSECUTIVE CALENDAR DAYS (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 3

UNCOVER OFFSITE DETOUR SIGNS INSTALLED IN STEP 2 (SEE SHEET TMP-2E). USING RSD 1101.03 (SHEET 1 OF 9), CLOSE -Y2- FROM -Y2- STA 10+00± TO -Y2- STA 29+75± (SEE SHEET TMP-4).

AWAY FROM TRAFFIC, PERFORM THE FOLLOWING:

CONSTRUCT -Y2- INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -Y2- STA 10+00± TO -Y2- STA 29+75±.

BEGIN CONSTRUCTION OF -L- FROM -L- STA 515+00± TO STA 518+00± (SEE SHEETS TMP-4).

PLACE PERMANENT MARKINGS AND MARKERS PER FINAL SIGNING AND DELINEATION PLANS AND OPEN -Y2- TO TRAFFIC. REMOVE OFFSITE DETOUR, SIGNS AND DEVICES.

STEP 4

USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING (SEE SHEET TMP-9):

- RESET PCB FROM PHASE I, STEP 2A ALONG -Y3- FROM STA STA 19+75± TO STA 25+00± RIGHT.
- PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT -Y3- TRAFFIC TO TEMPORARY PATTERN.
- INSTALL PCB FROM -Y3- STA 20+20± TO STA 25+50± LEFT

USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING (SEE SHEET TMP-9):

- INSTALL PCB ON -Y2A- FROM STA 16+30± TO STA 20+50± RIGHT
- PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT -Y2A- TRAFFIC TO TEMPORARY PATTERN.
- INSTALL PCB FROM -Y2A- STA 16+50± TO STA 20+35± LEFT

BEHIND BARRIER AND USING RSD 1101.02 (SHEET 1 OF 15), INSTALL TEMPORARY SHORING (1) & (2) ALONG -Y2A- AND -Y3- (SEE SHEET TMP-9). BEHIND BARRIER, BEGIN CONSTRUCTION OF THE FOLLOWING (SEE SHEET TMP-9):

- L- STRUCTURE PROPOSED BENTS (INCLUDING SINGLE-FACED BARRIERS), MSE WALL, SLOPE PROTECTION AND GUARDRAIL ALONG -Y2A- AND -Y3-
- Y2A- STA 17+30± TO -Y2A- STA 19+30± REMAINING RIGHT SHOULDER
- Y3- STA 21+00± TO -Y3- STA 24+30± REMAINING LEFT SHOULDER

BEHIND BARRIER, BEGIN CONSTRUCTION OF -L- STA 582+60± TO STA 585+90± (STRUCTURES)(SEE SHEET TMP-9)(SEE GENERAL NOTE 'C' AND LOCAL NOTE 3 FOR GIRDER INSTALLATION OVER PISGAH CHURCH RD., WEST MOUNTAIN RD. AND NORFOLK SOUTHERN RR)(SEE LOCAL NOTES 3 & 7)(SEE SHEET TMP-2F).

OPEN -DR5- AND CLOSE EXISTING ACCESS. AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF -L- STA 595+80± TO -L- STA 596+75± (SEE SHEET TMP-9).

AREA 3

STEP 1

INSTALL ALL ADVANCE WORK ZONE WARNING SIGNS ON BUS I-40/US 421, HASTINGS HILL ROAD, GERRY DRIVE & DOE RUN DRIVE ACCORDING TO RSD 1101.01 (SHEETS 1 & 3 OF 3).

INSTALL ALTERNATE ROUTE SIGNS AND PORTABLE CHANGEABLE MESSAGE SIGNS FOR BUS I-40/US 421 AS SHOWN ON SHEET TMP-2B (SEE LOCAL NOTE 1).

NOTES: - AREA 3, PHASE I, STEP 2 CAN BE PERFORMED SIMULTANEOUSLY WITH AREA 3, PHASE I, STEP 3 & STEP 4.
 - AREA 3, PHASE I, STEP 3 & STEP 4 CAN BE PERFORMED IN ANY ORDER.
 - SEE LOCAL NOTES 1 & 2 FOR WORK PERFORMED IN AREA 3.

STEP 2

AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF THE FOLLOWING (SEE SHEET TMP-4 AND TMP-12 THRU TMP-14):

- L- STA 605+00± TO -L- STA 641+70±
- L- STA 643+85± TO -L- STA 650+50±
- L- STA 653+75± TO -L- STA 692+33±
- Y4CD- STA 10+00± TO -Y4CD- STA 45+75±
- Y4CD- STA 48+95± TO -Y4CD- STA 54+75±
- Y4CD- STA 58+00± TO -Y4CD- STA 95+98±
- Y4LPA- STA 12+44± TO -Y4LPA- STA 21+98±
- Y4RPA- STA 13+73± TO -Y4RPA- STA 36+24±
- Y4LPB- STA 12+27± TO -Y4LPB- STA 22+20±
- Y4RPB- STA 13+78± TO -Y4RPB- STA 28+66±
- Y4RPC- STA 13+88± TO -Y4RPC- STA 15+75±
- Y4RPC- STA 18+30± TO -Y4RPC- STA 35+56±
- Y4LPD- STA 12+19± TO -Y4LPD- STA 22+66±
- Y4RPD- STA 13+97± TO -Y4RPD- STA 23+10±
- Y4RPD- STA 26+05± TO -Y4RPD- STA 29+56±
- Y4RPBD- STA 15+65± TO -Y4RPBD- STA 42+80±
- Y4RPBD- STA 45+62± TO -Y4RPBD- STA 81+62±

AWAY FROM TRAFFIC, CONSTRUCT -Y5DET- FROM STA 10+33± TO STA 32+33± (SEE SHEETS TMP-16 & TMP-17).

USING RSD 1101.03 (SHEET 1 OF 9) AND SHEET TMP-2G, CLOSE EXISTING GERRY DRIVE FROM -Y6- STA 17+00± TO DOE RUN DRIVE. AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF PROPOSED -Y6- FROM STA 17+25± TO STA 38+30± (SEE SHEETS TMP-11 & 12)(SEE LOCAL NOTE 4).

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 4 OF 15), BEGIN RELOCATION OF ITS SYSTEM ALONG BUS I-40/US 421.

COMPLETE THE WORK REQUIRED IN AREA 3, PHASE I, STEP 3 IN EIGHT (8) CONSECUTIVE WEEKENDS FROM FRIDAY 8:00PM TO MONDAY 6:00AM EACH WEEKEND. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 3

USING RSD 1101.02 (SHEET 4 OF 15), CLOSE WB BUS I-40/US421 INSIDE LANE AND CONSTRUCT MEDIAN WIDENING (5') UP TO EDGE AND ELEVATION OF EXISTING TRAVEL LANE FROM -Y4- STA 24+50± TO -Y4- STA 145+50± (SEE SHEETS TMP-10 THRU TMP-15).

COMPLETE THE WORK REQUIRED IN AREA 3, PHASE I, STEP 4 IN EIGHT (8) CONSECUTIVE WEEKENDS FROM FRIDAY 8:00PM TO MONDAY 6:00AM EACH WEEKEND. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 4

USING RSD 1101.02 (SHEET 4 OF 15), CLOSE EB BUS I-40/US421 INSIDE LANE AND CONSTRUCT MEDIAN WIDENING (5') UP TO EDGE AND ELEVATION OF EXISTING TRAVEL LANE FROM -Y4- STA 24+50± TO -Y4- STA 149+00± (SEE SHEETS TMP-10 THRU TMP-15).

PHASE II

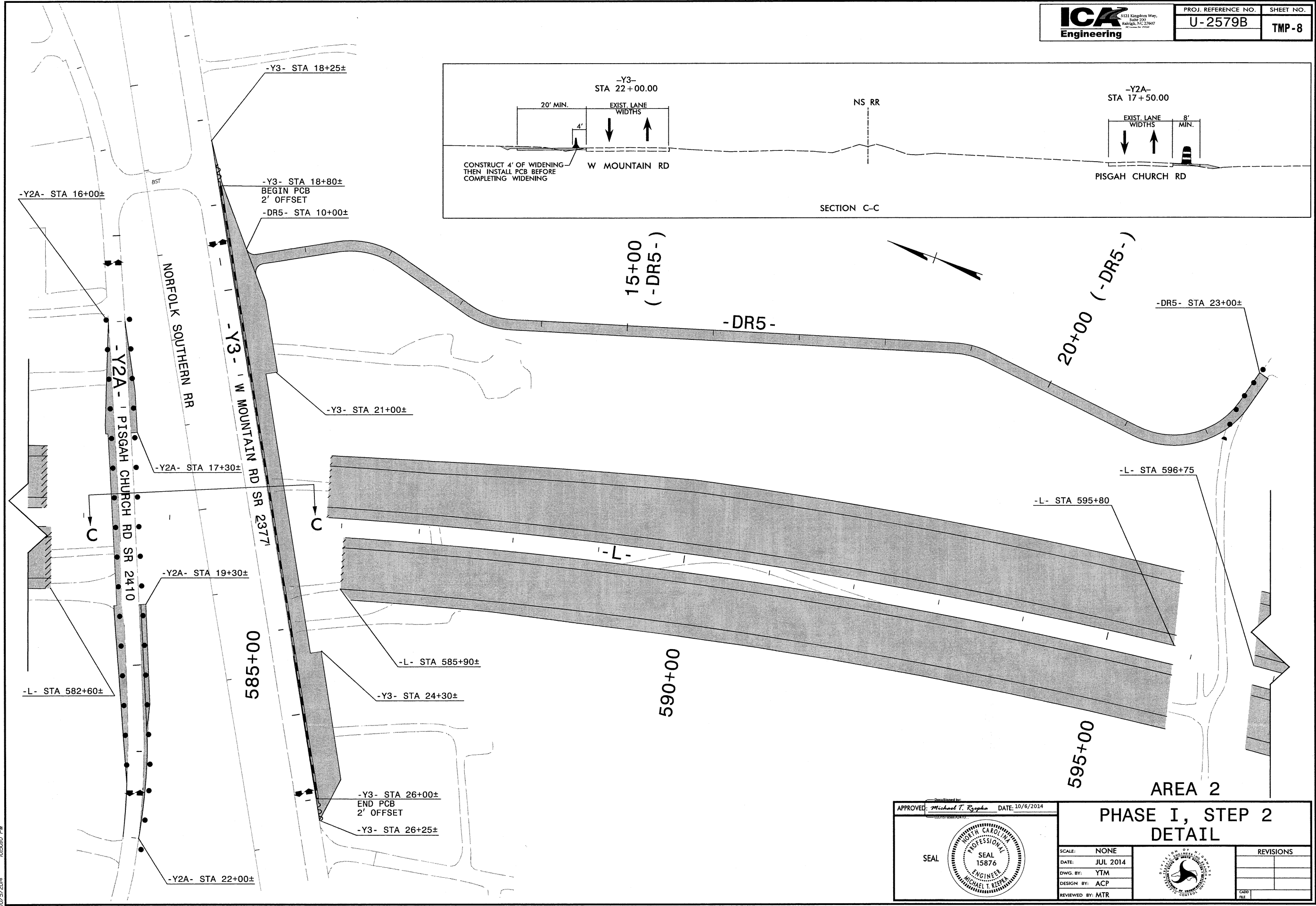
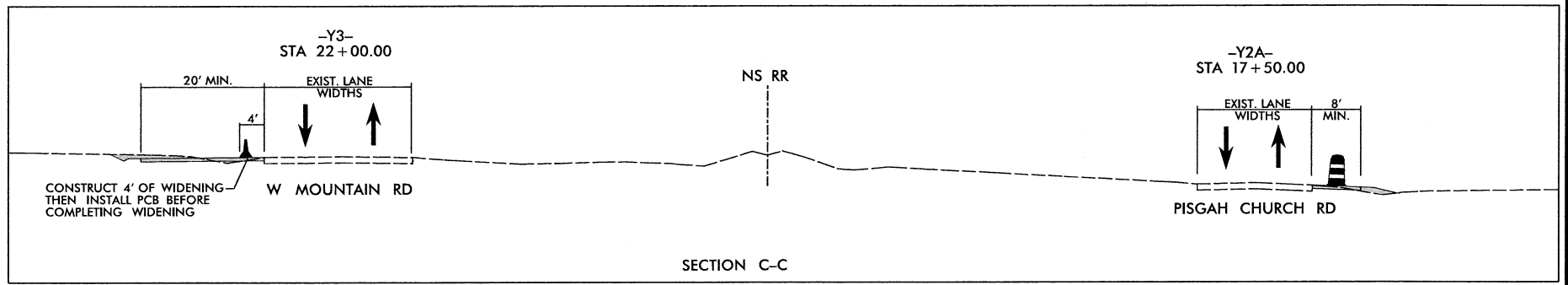
AREA 1

STEP 1

COMPLETE CONSTRUCTION OF -Y1DET- AND -Y9- FROM PHASE I, AND USING RSD 1101.02 (SHEET 1 OF 15), PAVE TIES FROM -Y1DET- AND -Y9- TO EXISTING US 158, PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS (SEE SHEETS TMP-18 THRU TMP-21) ON -Y1DET- AND -Y9- AND SHIFT TRAFFIC TO -Y1DET- AND -Y9- (SEE SHEETS TMP-19 THRU TMP-21).

UNCOVER OFFSITE ESTHER LANE DETOUR SIGNS INSTALLED IN STEP 2 PHASE I (SEE SHEET TMP-2H). USING RSD 1101.03 (SHEET 1 OF 15), CLOSE ESTHER LANE (-Y7-). ACCESS TO US 158.

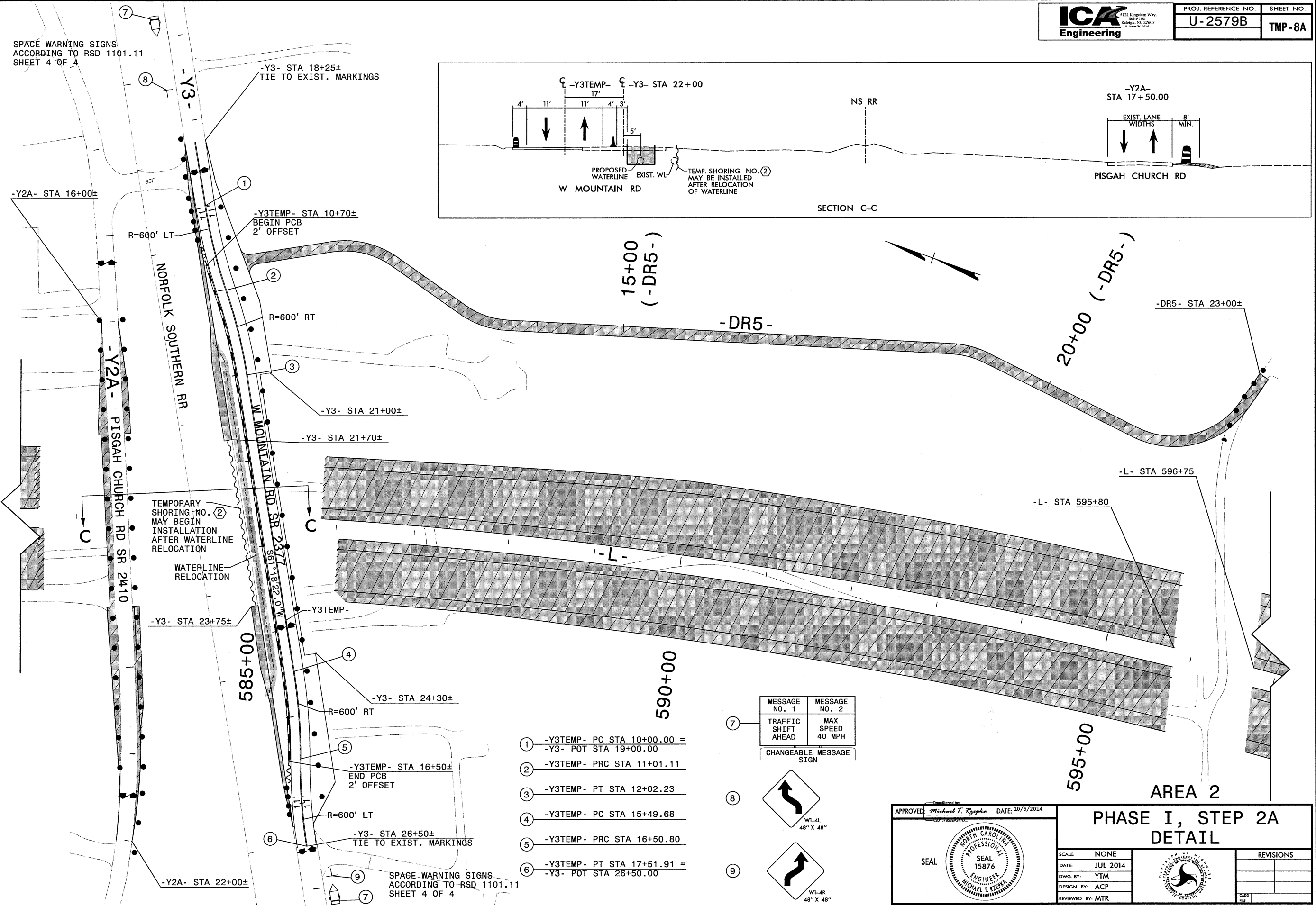
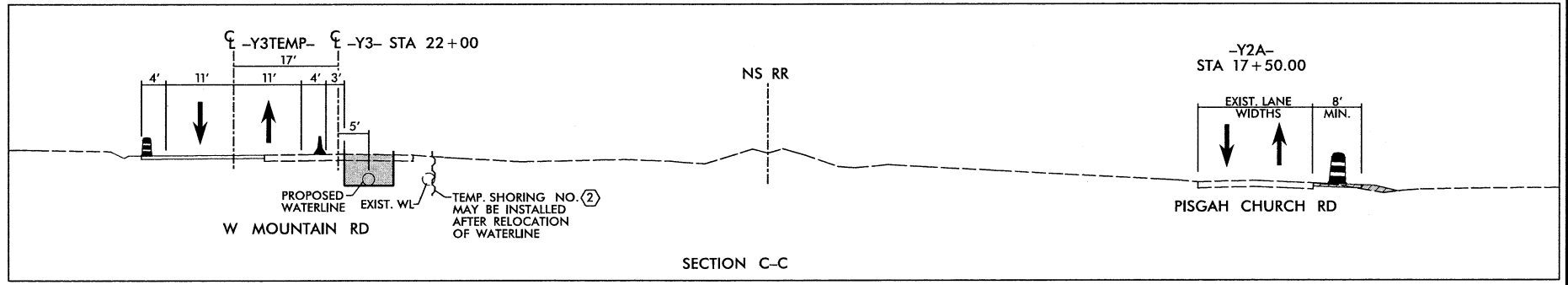
APPROVED: <i>Michael T. Rynga</i> DATE: 10/6/2014	PHASING	
SEAL:		
SCALE: NONE	REVISIONS	
DATE: JUL 2014		
DWG. BY: YTM		
DESIGN BY: ACP		
REVIEWED BY: MTR		



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APPROVED: <i>Michael T. Rappin</i> DATE: 10/6/2014	<p>PHASE I, STEP 2 DETAIL</p>		REVISIONS
			SCALE: NONE
	DATE: JUL 2014		
	DWG. BY: YTM		
	DESIGN BY: ACP		
	REVIEWED BY: MTR		

SPACE WARNING SIGNS
ACCORDING TO RSD 1101.11
SHEET 4 OF 4



- ① -Y3TEMP- PC STA 10+00.00 =
-Y3- POT STA 19+00.00
- ② -Y3TEMP- PRC STA 11+01.11
- ③ -Y3TEMP- PT STA 12+02.23
- ④ -Y3TEMP- PC STA 15+49.68
- ⑤ -Y3TEMP- PRC STA 16+50.80
- ⑥ -Y3TEMP- PT STA 17+51.91 =
-Y3- POT STA 26+50.00

MESSAGE NO. 1	MESSAGE NO. 2
TRAFFIC SHIFT AHEAD	MAX SPEED 40 MPH
CHANGEABLE MESSAGE SIGN	

⑦

⑧

⑨

APPROVED: *Michael T. Rypka* DATE: 10/6/2014

SEAL

SEAL 15876

SEAL

SCALE: NONE

DATE: JUL 2014

DWG. BY: YTM

DESIGN BY: ACP

REVIEWED BY: MTR

REVISIONS

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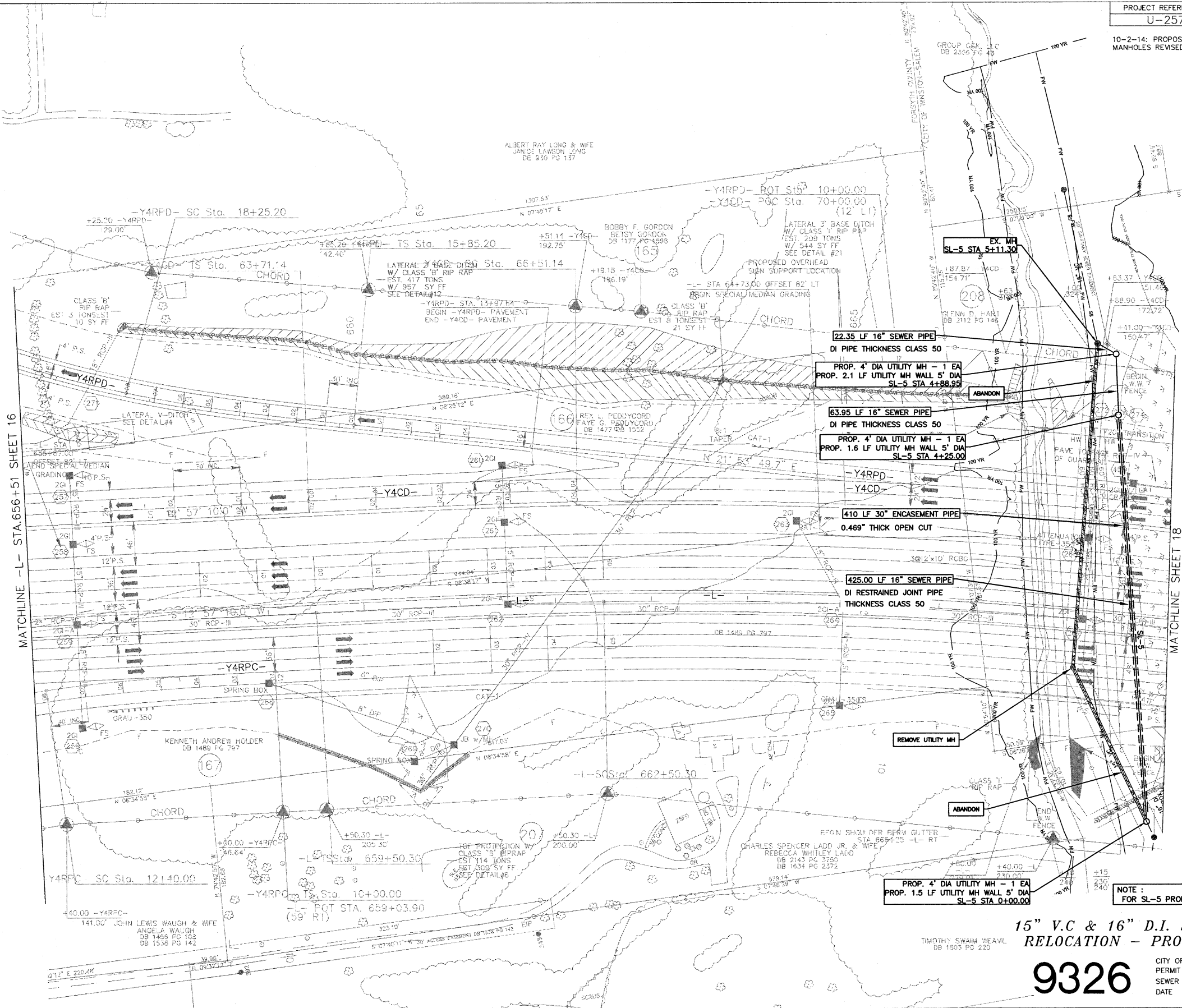
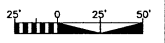
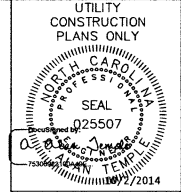
8/17/99

REVISIONS

SYTIME
SERAM

PROJECT REFERENCE NO. U-2579B	SHEET NO. UC-11
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10-2-14: PROPOSED MANHOLES REVISED



MATCHLINE -L- STA. 656+51 SHEET 16

MATCHLINE SHEET 18

NOTE: FOR SL-5 PROFILE, SEE SHEET UC-23

15" V.C & 16" D.I. SEWER MAIN RELOCATION - PROJECT 75326

9326

CITY OF WINSTON-SALEM
 PERMIT NUMBER
 SEWER 2633
 DATE 6-6-14

