

County : Forsyth

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	0029000000-N	SP	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+69.29)	Lump Sum	L.S.	
0004	0043000000-N	226	GRADING	Lump Sum	L.S.	
0005	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUB- BING	1 ACR		
0006	0057000000-E	226	UNDERCUT EXCAVATION	30 CY		
0007	0199000000-E	SP	TEMPORARY SHORING	2,820 SF		
0008	0318000000-E	300	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	352 TON		
0009	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	2,032 LF		
0010	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	765 LF		
0011	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	240 LF		
0012	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	168 LF		
0013	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	56 LF		
0014	0708000000-E	310	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	56 LF		
0015	0806000000-E	310	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	2 EA		
0016	0995000000-E	340	PIPE REMOVAL	1,038 LF		
0017	1121000000-E	520	AGGREGATE BASE COURSE	1,691 TON		
0018	1220000000-E	545	INCIDENTAL STONE BASE	250 TON		

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0019	1330000000-E	607	INCIDENTAL MILLING	250 SY		
0020	1489000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0B	10,930 TON		
0021	1498000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	7,288 TON		
0022	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	4,931 TON		
0023	1560000000-E	620	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	1,110 TON		
0024	1570000000-E	620	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22	45 TON		
0025	1663000000-E	650	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED	750 TON		
0026	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	161 TON		
0027	2000000000-N	806	RIGHT OF WAY MARKERS	37 EA		
0028	2253000000-E	840	PIPE COLLARS	0.893 CY		
0029	2264000000-E	840	PIPE PLUGS	1.074 CY		
0030	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	38 EA		
0031	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	2.8 LF		
0032	2352000000-N	840	FRAME WITH GRATE, STD 840.**** (840.20)	3 EA		
0033	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	6 EA		
0034	2365000000-N	840	FRAME WITH TWO GRATES, STD 840.22	10 EA		
0035	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	3 EA		

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0036	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	8 EA		
0037	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	6 EA		
0038	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	5,078 LF		
0039	2577000000-E	846	CONCRETE EXPRESSWAY GUTTER	863 LF		
0040	2612000000-E	848	6" CONCRETE DRIVEWAY	158 SY		
0041	2619000000-E	850	4" CONCRETE PAVED DITCH	185 SY		
0042	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	797 SY		
0043	2830000000-N	858	ADJUSTMENT OF MANHOLES	5 EA		
0044	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	12 EA		
0045	3030000000-E	862	STEEL BM GUARDRAIL	2,925 LF		
0046	3045000000-E	862	STEEL BM GUARDRAIL, SHOP CURVED	50 LF		
0047	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	5 EA		
0048	3195000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE AT-1	1 EA		
0049	3210000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	2 EA		
0050	3215000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE III	3 EA		
0051	3270000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE 350	4 EA		
0052	3360000000-E	863	REMOVE EXISTING GUARDRAIL	1,160 LF		
0053	3380000000-E	862	TEMPORARY STEEL BM GUARDRAIL	100 LF		

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0054	3387000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (XI)	2 EA		
0055	3389100000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	2 EA		
0056	3503000000-E	866	WOVEN WIRE FENCE, 47" FABRIC	3,795 LF		
0057	3509000000-E	866	4" TIMBER FENCE POSTS, 7'-6" LONG	227 EA		
0058	3515000000-E	866	5" TIMBER FENCE POSTS, 8'-0" LONG	84 EA		
0059	3536000000-E	866	CHAIN LINK FENCE, 48" FABRIC	1,060 LF		
0060	3542000000-E	866	METAL LINE POSTS FOR 48" CHAIN LINK FENCE	87 EA		
0061	3548000000-E	866	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	4 EA		
0062	3628000000-E	876	PLAIN RIP RAP, CLASS I	10 TON		
0063	3649000000-E	876	PLAIN RIP RAP, CLASS B	68 TON		
0064	3656000000-E	876	FILTER FABRIC FOR DRAINAGE	1,060 SY		
0065	3659000000-N	SP	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	1 EA		
0066	4048000000-E	902	REINFORCED CONCRETE SIGN FOOT- INGS	2 CY		
0067	4054000000-E	902	PLAIN CONCRETE SIGN FOOTINGS	1 CY		
0068	4060000000-E	903	SUPPORTS, BREAKAWAY STEEL BEAM	1,133 LB		
0069	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	1,265 LF		
0070	4096000000-N	904	SIGN ERECTION, TYPE D	7 EA		
0071	4102000000-N	904	SIGN ERECTION, TYPE E	34 EA		
0072	4108000000-N	904	SIGN ERECTION, TYPE F	8 EA		

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0073	4110000000-N	904	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	3 EA		
0074	4110000000-N	904	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	2 EA		
0075	4115000000-N	904	SIGN ERECTION, OVERLAY (OVER- HEAD)	3 EA		
0076	4129000000-N	906	RELOCATE SIGN, TYPE ***** (D)	2 EA		
0077	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	33 EA		
0078	4192000000-N	907	DISPOSAL OF SUPPORT, U-CHANNEL	2 EA		
0079	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	477 SF		
0080	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	930 SF		
0081	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	130 SF		
0082	4415000000-N	1115	FLASHING ARROW PANELS, TYPE C	2 EA		
0083	4420000000-N	1120	CHANGEABLE MESSAGE SIGNS	2 EA		
0084	4430000000-N	1130	DRUMS	400 EA		
0085	4435000000-N	1135	CONES	100 EA		
0086	4445000000-E	1145	BARRICADES (TYPE III)	204 LF		
0087	4455000000-N	1150	FLAGGER	200 MD		
0088	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	6 EA		
0089	4470000000-N	1160	RESET TEMPORARY CRASH CUSHIONS	1 EA		
0090	4475000000-N	1165	TRUCK MOUNTED IMPACT ATTENUA- TOR (45 MPH)	2 EA		

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0091	4485000000-E	1170	PORTABLE CONCRETE BARRIER	1,720 LF		
0092	4510000000-N	SP	POLICE	200 HR		
0093	4615000000-E	1205	REMOVABLE TAPE PAVEMENT MARKING LINES (4")	3,885 LF		
0094	4625000000-E	1205	REMOVABLE TAPE PAVEMENT MARKING LINES (8")	160 LF		
0095	4640000000-N	1205	REMOVABLE TAPE PAVEMENT MARKING CHARACTER	4 EA		
0096	4645000000-N	1205	REMOVABLE TAPE PAVEMENT MARKING SYMBOL	13 EA		
0097	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	192 EA		
0098	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	12,075 LF		
0099	4686000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	12,541 LF		
0100	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	460 LF		
0101	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	260 LF		
0102	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)	20 EA		
0103	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	55 EA		
0104	4770000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (4")	2,337 LF		
0105	4780000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (8")	160 LF		
0106	4800000000-N	1205	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER	4 EA		
0107	4805000000-N	1205	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL	11 EA		

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0108	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	61,660	LF	
0109	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	1,060	LF	
0110	4825000000-E	1205	PAINT PAVEMENT MARKING LINES (12")	448	LF	
0111	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	408	LF	
0112	4840000000-N	1205	PAINT PAVEMENT MARKING CHARAC- TER	20	EA	
0113	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	79	EA	
0114	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	5,550	LF	
0115	4900000000-N	1252	PERMANENT RAISED PAVEMENT MARKERS	62	EA	
0116	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	450	EA	
0117	5300000000-E	1505	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (VI)	140	TON	
0118	5306000000-E	SP	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)	140	TON	
0119	5360000000-E	1510	6" DI WATER PIPE, PC 350	1,272	LF	
0120	5402000000-E	1510	DI RESTRAINED JOINT WATER PIPE FITTINGS, 250# MIN WP	1,045	LB	
0121	5414000000-E	1510	3/4" COPPER WATER PIPE, TYPE K	34	LF	
0122	5480000000-E	1510	DUCTILE IRON WATER PIPE FIT- TINGS, 250# MIN WP	375	LB	
0123	5540000000-E	1510	6" GATE VALVE & VALVE BOX, 200# WP	1	EA	
0124	5558000000-E	1510	12" GATE VALVE & VALVE BOX, *****WP (200# WP)	2	EA	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0125	5576000000-E	1510	***X*** TAPPING SLEEVE, VALVE & VALVE BOX, *****WP (6" X 6", 200# WP)	1	EA	
0126	5576000000-E	1510	***X*** TAPPING SLEEVE, VALVE & VALVE BOX, *****WP (8" X 6", 200# WP)	1	EA	
0127	5648000000-N	1510	RELOCATE EXISTING WATER METER	2	EA	
0128	5672000000-N	1510	RELOCATE EXISTING FIRE HYDRANT	5	EA	
0129	5852000000-E	SP	**** STEEL ENCASEMENT PIPE, ***** THICK, BY BORING & JACKING (24", 0.250")	780	LF	
0130	5888000000-E	SP	GENERIC UTILITY ITEM 12" DI RJ WATER PIPE, PC 350	880	LF	
0131	5888000000-E	SP	GENERIC UTILITY ITEM 8" DI RJ WATER PIPE, PC 350	150	LF	
0132	6000000000-E	1605	TEMPORARY SILT FENCE	1,925	LF	
0133	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	450	TON	
0134	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	1,320	TON	
0135	6012000000-E	1610	SEDIMENT CONTROL STONE	585	TON	
0136	6015000000-E	1615	TEMPORARY MULCHING	11.5	ACR	
0137	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	400	LB	
0138	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	1.75	TON	
0139	6024000000-E	1622	TEMPORARY SLOPE DRAINS	245	LF	
0140	6027000000-N	1622	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	6	EA	
0141	6030000000-E	1630	SILT EXCAVATION	3,405	CY	

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0142	6036000000-E	1631	MATTING FOR EROSION CONTROL	2,565 SY		
0143	6038000000-E	SP	PERMANENT SOIL REINFORCEMENT MAT	397 SY		
0144	6042000000-E	1632	1/4" HARDWARE CLOTH	860 LF		
0145	6084000000-E	1660	SEEDING & MULCHING	13 ACR		
0146	6087000000-E	1660	MOWING	7 ACR		
0147	6090000000-E	1661	SEED FOR REPAIR SEEDING	100 LB		
0148	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0149	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	275 LB		
0150	6108000000-E	1665	FERTILIZER TOPDRESSING	9.75 TON		
0151	6109000000-E	SP	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLEUGRASS)	0.2 ACR		
0152	6114000000-N	SP	SPECIALIZED HAND MOWING	3.5 HR		
0153	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	8 EA		
0154	7060000000-E	1705	SIGNAL CABLE	1,640 LF		
0155	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	17 EA		
0156	7264000000-E	1710	MESSENGER CABLE (3/8")	1,090 LF		
0157	7300000000-E	1715	TRENCHING (UNPAVED)	1,080 LF		
0158	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	7 EA		
0159	7360000000-N	1720	WOOD POLE	6 EA		
0160	7372000000-N	1721	GUY ASSEMBLY	8 EA		
0161	7408000000-E	1722	1" RISER WITH WEATHERHEAD	1 EA		

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0162	7420000000-E	1722	2" RISER WITH WEATHERHEAD	4 EA		
0163	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	1,600 LF		
0164	7456000000-E	1726	LEAD-IN CABLE	2,790 LF		
0165	7484000000-N	SP	MICROWAVE VEHICLE DETECTOR	1 EA		
0166	7576000000-N	1740	METAL STRAIN SIGNAL POLE	4 EA		
0167	7613000000-N	SP	SOIL TEST	4 EA		
0168	7614000000-E	SP	DRILLED PIER FOUNDATION (*** DIA) (42")	60 LF		
0169	7636000000-N	1745	SIGN FOR SIGNALS	6 EA		
0170	7684000000-N	1750	SIGNAL CABINET FOUNDATION	1 EA		
0171	7688000000-N	SP	CABINET BASE ADAPTER	1 EA		
0172	7756000000-N	1751	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	1 EA		
0173	7780000000-N	SP	DETECTOR CARD (TYPE 2070L)	5 EA		
0174	7980000000-N	SP	GENERIC SIGNAL ITEM RELOCATE MICROWAVE VEHICLE DETECTOR	2 EA		
WALL ITEMS						
0175	8847000000-E	SP	GENERIC RETAINING WALL ITEM PILE/PANEL RETAINING WALL (STA. 1+50.00 -REVC-)	2,280 SF		

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STRUCTURE ITEMS						
0176	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+71.54-L-)	Lump Sum	L.S.	
0177	8091000000-N	410	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 20+71.54-L-)	Lump Sum	L.S.	
0178	8119000000-E	412	UNCLASSIFIED STRUCTURE EXCAVA- TION	1,904 CY		
0179	8147000000-E	420	REINFORCED CONCRETE DECK SLAB	25,122 SF		
0180	8161000000-E	420	GROOVING BRIDGE FLOORS	26,253 SF		
0181	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	361 CY		
0182	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (20+71.54-L-)	Lump Sum	L.S.	
0183	8217000000-E	425	REINFORCING STEEL (BRIDGE)	53,815 LB		
0184	8238000000-E	425	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	2,327 LB		
0185	8280000000-E	440	APPROX LBS STRUCTURAL STEEL	1,005,950 LS		
0186	8364000000-E	450	HP12X53 STEEL PILES	7,110 LF		
0187	8475000000-E	460	TWO BAR METAL RAIL	273.55 LF		
0188	8482000000-E	460	THREE BAR METAL RAIL	273.55 LF		
0189	8517000000-E	460	1'-***X ***** CONCRETE PARA- PET (1'-2" X 2'-6")	281.91 LF		
0190	8531000000-E	462	4" SLOPE PROTECTION	1,060 SY		
0191	8650000000-N	SP	POT BEARINGS	Lump Sum	L.S.	
0192	8657000000-N	430	ELASTOMERIC BEARINGS	Lump Sum	L.S.	

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0193	8692000000-N	SP	EVAZOTE JOINT SEALS	Lump Sum	L.S.	

0739/Nov17/Q1314377.727/D897758600000/E193

Total Amount Of Bid For Entire Project :

C201359 (I-2102)
FORSYTH COUNTY

2/16/99

Contract No: C201359

County: Forsyth

ACCEPTED BY THE
DEPARTMENT OF TRANSPORTATION

Contract Officer

Date

Execution of Contract and Bonds
Approved as to Form:

Attorney General