



# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS SUMMARY OF QUANTITIES

ItemNumber	Sec #	Quantity	Unit	Description
000100000-N	800	Lump Sum		MOBILIZATION
000100000-M	200	Lump Sum		CLEARING & GRUBBING ... HECTARE(S)
000800000-M	200	0.8	HA	SUPPLEMENTARY CLEARING & GRUBBING
002200000-M	225	105,300	M3	UNCLASSIFIED EXCAVATION
003600000-M	225	3,000	M3	UNDERCUT EXCAVATION
008000000-M	SP	360	MTN	CLASS IV SUBGRADE STABILIZATION
013400000-M	240	600	M3	DRAINAGE DITCH EXCAVATION
014100000-M	240	160	M	BERM DITCH CONSTRUCTION
015600000-M	250	1,200	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT
017700000-M	250	810	M2	BREAKING OF EXISTING ASPHALT PAVEMENT
019200000-N	260	12	HR	PROOF ROLLING
019500000-M	265	1,000	M3	SELECT GRANULAR MATERIAL
019600000-M	270	3,500	M2	FABRIC FOR SOIL STABILIZATION
031800000-M	300	370	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
034300000-M	310	57.6	M	375MM SIDE DRAIN PIPE
034400000-M	310	13.2	M	450MM SIDE DRAIN PIPE
036600000-M	310	577.2	M	375MM RC PIPE CULVERTS, CLASS III
037200000-M	310	201.6	M	450MM RC PIPE CULVERTS, CLASS III
037800000-M	310	181.2	M	600MM RC PIPE CULVERTS, CLASS III
038400000-M	310	37.2	M	750MM RC PIPE CULVERTS, CLASS III
039000000-M	310	30	M	900MM RC PIPE CULVERTS, CLASS III
041400000-M	310	30	M	1500MM RC PIPE CULVERTS, CLASS III
042000000-M	310	38.4	M	1650MM RC PIPE CULVERTS, CLASS III
045300000-M	310	7	EA	***MM PIPE END SECTION (375MM)
045300000-M	310	1	EA	***MM PIPE END SECTION (450MM)
045600000-M	310	1	EA	***MM RC FLARED END SECT (600MM)
070800000-M	310	7.2	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
080600000-M	310	1	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
099500000-M	340	17.884	M	PIPE REMOVAL
101100000-N	500	Lump Sum		FINE GRADING
104400000-M	501	17,825	M2	LIME TREATED SOIL (SLURRY METHOD)
106600000-M	501	197	MTN	LIME FOR LIME TREATED SOIL
112100000-M	520	380	MTN	AGGREGATE BASE COURSE
117600000-M	542	17,825	M2	***MM SOIL CEMENT BASE (180MM)
118700000-M	542	535	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE
119800000-M	SP	500	MTN	AGGREGATE FOR SOIL CEMENT BASE
120900000-M	543	24,243	L	ASPHALT CURING SEAL
122000000-M	545	136	MTN	INCIDENTAL STONE BASE
148900000-M	610	8,341	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
151900000-M	610	9,311	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
156000000-M	620	964	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
169300000-M	654	45	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
202200000-M	815	497	M3	SUBDRAIN EXCAVATION
203300000-M	815	249	M3	SUBDRAIN FINE AGGREGATE
204400000-M	815	600	M	150MM PERFORATED SUBDRAIN PIPE
205500000-M	815	60	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
207700000-M	815	8	M	150MM OUTLET PIPE (SUBDRAINS)
213200000-N	816	4	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET

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214300000-M	818	10	MTN	BLOTTING SAND	442500000-N	1125	8	EA	WARNING FLAG SETS
222000000-M	838	9.1	M3	REINFORCED ENDWALLS	443000000-N	1130	110	EA	DRUMS
226400000-M	840	0.16	M3	PIPE PLUGS	443500000-N	1135	30	EA	CONES
228600000-N	840	21	EA	MASONRY DRAINAGE STRUCTURES	444500000-M	1145	79	M	BARRICADES (TYPE III)
230800000-M	840	2.21	M	MASONRY DRAINAGE STRUCTURES	445000000-N	1150	416	HR	FLAGGER
235420000-N	840	1	EA	FRAME WITH GRATE, STD 840.24	465000000-N	1251	376	EA	TEMPORARY RAISED PAVEMENT MARKERS
236600000-N	840	20	EA	FRAME WITH TWO GRATES, STD 840.24	468500000-M	1205	8,823	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
239600000-N	840	1	EA	FRAME WITH COVER, STD 840.54	468600000-M	1205	9,610	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
250000000-M	842	2.2	M3	CONCRETE RETAINING WALLS	471000000-M	1205	110	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
254900000-M	846	66	M	750MM CONCRETE CURB & GUTTER	472100000-M	1205	4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
261900000-M	850	4	M2	100MM CONCRETE PAVED DITCH	472500000-M	1205	23	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
303000000-M	862	777.24	M	STEEL BM GUARDRAIL	481000000-M	1205	73,730	M	PAINT PAVEMENT MARKING LINES (100MM)
310500000-N	862	2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	483500000-M	1205	440	M	PAINT PAVEMENT MARKING LINES (600MM)
315000000-N	862	10	EA	ADDITIONAL GUARDRAIL POSTS	484000000-N	1205	16	EA	PAINT PAVEMENT MARKING CHARACTER
327000000-N	SP	16	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	484500000-N	1205	92	EA	PAINT PAVEMENT MARKING SYMBOL
350300000-M	866	161	M	WOVEN WIRE FENCE, 1200MM FABRIC	490500000-N	1253	188	EA	SNOWFLOWABLE RAISED PAVEMENT MARKERS
350900000-M	866	27	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	491500000-M	1264	3	EA	2.1M U-CHANNEL POSTS
351500000-M	866	20	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	495500000-N	1264	3	EA	OBJECT MARKERS (END OF ROAD)
356600000-M	867	78	M	WOVEN WIRE FENCE RESET	530000000-M	1505	83	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
362800000-M	876	45	MTN	PLAIN RIP RAP, CLASS I	530600000-M	SP	83	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
364900000-M	876	830	MTN	PLAIN RIP RAP, CLASS B	541400000-M	1510	9.2	M	20MM COPPER WATER PIPE, TYPE K
365600000-M	876	2,400	M2	FILTER FABRIC FOR DRAINAGE	542300000-M	1510	35.9	M	***MM PE WATER PIPE, SDR *****MPA WP (20MM, SDR 9, 1.38MPA)
365900000-N	SP	4	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON					

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542300000-M	1510	169.5	M	***MM PE WATER PIPE, SDR *****MPA WP (25MM, SDR 9, 1.38MPA)
542300000-M	1510	36.8	M	***MM PE WATER PIPE, SDR *****MPA WP (50MM, SDR 9, 1.38MPA)
544400000-M	1510	526.5	M	150MM PVC WATER PIPE, SDR 21, 1.38MPA WP
548000000-M	1510	601	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP
551600000-M	1510	1	EA	25MM CORPORATION STOP
553400000-M	1510	1	EA	***MM GATE VALVE & VALVE BOX, *****MPA WP (50MM, 1.38MPA)
554000000-M	1510	9	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
558200000-M	1510	1	EA	*** X ***MM TAPPING SADDLE (150MM X 25MM)
558200000-M	1510	1	EA	*** X ***MM TAPPING SADDLE (150MM X 50MM)
564800000-N	1510	3	EA	RELOCATE EXISTING WATER METER
582200000-N	1530	2	EA	BREAK DOWN & REBUILD EXISTING MANHOLE
588800000-M	SP	26	M	GENERIC UTILITY ITEM 300MM STL ENC PIPE, 4.77MM TH, IN SOIL BY TRENCHLESS INSTALLATION
600000000-M	1605	500	M	TEMPORARY SILT FENCE
600600000-M	1610	500	MTN	STONE FOR EROSION CONTROL, CLASS A
600900000-M	1610	3,500	MTN	STONE FOR EROSION CONTROL, CLASS B
601200000-M	1610	1,150	MTN	SEDIMENT CONTROL STONE
601500000-M	1615	15	HA	TEMPORARY MULCHING
601800000-M	1620	600	KG	SEED FOR TEMPORARY SEEDING
602100000-M	1620	5	MTN	FERTILIZER FOR TEMPORARY SEEDING
602400000-M	1622	225	M	TEMPORARY SLOPE DRAINS
602700000-N	1622	19	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
603000000-M	1630	15,000	M3	SILT EXCAVATION
603600000-M	1631	8,500	M2	MATTING FOR EROSION CONTROL
603800000-M	SP	70	M2	PERMANENT SOIL REINFORCEMENT MAT
604200000-M	1632	150	M	6.4MM HARDWARE CLOTH
608400000-M	1660	14.5	HA	SEEDING & MULCHING
608700000-M	1660	8.5	HA	MOWING
609000000-M	1661	200	KG	SEED FOR REPAIR SEEDING
609300000-M	1661	1	MTN	FERTILIZER FOR REPAIR SEEDING
609600000-M	1662	400	KG	SEED FOR SUPPLEMENTAL SEEDING
610800000-M	1665	25	MTN	FERTILIZER TOPDRESSING
610920000-M	SP	0.15	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTIPEDE)
611400000-N	SP	7	HR	SPECIALIZED HAND MOWING
611700000-N	1675	16	EA	RESPONSE FOR EROSION CONTROL
614700000-M	SP	500	M	GENERIC EROSION CONTROL ITEM SAFETY FENCE