

Estimated Quantities -- Letting June 23, 2017

Quantities shown are for information only and should not be used for bidding purposes. The official bid files should be obtained from www.bidx.com

Contract ID CNR941 - BEDFORD , RUTHERFORD, ETC.

Item No.	Description	Quantity	Units
717-10.01	INVOLUNTARY WORK SUSPENSION (DESCRIPTION) (BY THE DAY)	5.000	DAY
719-02	REMOVAL AND DISPOSAL OF LITTER	208.000	L.M.
806-01	MOWING	4,141.000	ACRE

Contract ID CNR937 - DAVIDSON

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	3,632.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	140.000	C.Y.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	3,100.000	L.F.
209-08.08	ENHANCED ROCK CHECK DAM	6.000	EACH
209-09.04	SEDIMENT FILTER BAG(15' X 10')	2.000	EACH
209-09.40	CURB INLET PROTECTION (TYPE 1)	3.000	EACH
209-09.43	CURB INLET PROTECTION (TYPE 4)	12.000	EACH
209-40.33	CATCH BASIN PROTECTION (TYPE D)	2.000	EACH
209-40.34	CATCH BASIN PROTECTION (TYPE E)	2.000	EACH
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	1.000	EACH
209-40.48	CATCH BASIN FILTER ASSEMBLY(TYPE 8)	1.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	3,016.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	497.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	326.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	8.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	29.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	9.000	TON
407-20.05	SAW CUTTING ASPHALT PAVEMENT	3,919.000	L.F.
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	122.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	26.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	943.000	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	932.000	TON
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	1,254.000	L.F.
611-01.02	MANHOLES, > 4' - 8' DEPTH	4.000	EACH
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH

Contract ID CNR937 - DAVIDSON

Item No.	Description	Quantity	Units
611-07.56	18IN ENDWALL (CROSS DRAIN) 6:1	1.000	EACH
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	3.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	3.000	EACH
611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	1.000	EACH
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	3.000	EACH
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	1.000	EACH
611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	1.000	EACH
611-43.01	CATCH BASINS, TYPE 43, 0' - 4' DEPTH	1.000	EACH
612-04.02	RELOCATE DECORATIVE STONE COLUMNS	2.000	LS
621-03.03	24" TEMPORARY DRAINAGE PIPE	100.000	L.F.
701-02	CONCRETE DRIVEWAY	983.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	125.000	C.Y.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	200.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	210.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-01.05	FLAGMAN	1.000	HOUR
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	130.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	130.000	EACH
712-06	SIGNS (CONSTRUCTION)	344.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	3.000	EACH
713-11.01	"U" SECTION STEEL POSTS	81.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	18.000	S.F.
713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK	60.000	S.F.
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	1.000	EACH
713-16.20	SIGNS (DESCRIPTION) (R10-5)	2.000	EACH
713-16.21	SIGNS (DESCRIPTION) (R3-5R)	1.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	210.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	19.000	EACH
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	6.000	EACH

Contract ID CNR937 - DAVIDSON

Item No.	Description	Quantity	Units
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	2.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	0.400	L.M.
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	100.000	L.F.
716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	5.000	EACH
716-05.09	PAINTED PAVEMENT MARKING(STRAIGHT-TURN ARROW)	6.000	EACH
716-05.11	PAINTED PAVEMENT MARKING(STRAIGHT ARROW)	3.000	EACH
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	2.140	L.M.
717-01	MOBILIZATION	(1)	LS
725-02.79	FIBER SPLICE ENCLOSURE(DESCRIPTION) (AERIAL)	1.000	EACH
725-03.09	ETHERNET SWITCH (TYPE A)	2.000	EACH
725-23.21	FIBER OPTIC DROP CABLE (12 F)	400.000	L.F.
725-23.31	FIBER OPTIC DROP PANEL (12 F)	1.000	EACH
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	1.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	7.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	1.000	EACH
730-02.30	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A3 WITH BACKPLATE)	8.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	5.000	EACH
730-03.23	INSTALL PULL BOX (FIBER OPTIC-TYPE A)	2.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	1.000	EACH
730-05.02	SERVICE CABLE (2 CONDUCTOR, # 8 AWG)	900.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	1,600.000	L.F.
730-08.05	SIGNAL CABLE - 12 CONDUCTOR	700.000	L.F.
730-11.10	RISER ASSEMBLY (DESCRIPTION) (2")	2.000	EACH
730-12.16	CONDUIT (DESCRIPTION) (2" DIAMETER, SCH 80 PVC, DIRECTIONAL DRILLED)	750.000	L.F.
730-12.17	CONDUIT (DESCRIPTION) (2" DIAMETER SCH 80 PVC)	475.000	L.F.

Contract ID CNR937 - DAVIDSON

Item No.	Description	Quantity	Units
730-13.08	VEHICLE DETECTOR (DESCRIPTION) (RADAR)	4.000	EACH
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	1.000	EACH
730-16.02	EIGHT PHASE ACTUATED CONTROLLER	1.000	EACH
730-23.88	CANTILEVER SIGNAL SUPPORT (1 ARM @ 45')	1.000	EACH
730-23.96	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 60')	3.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	360.000	S.Y.
798-06.48	FIBER STORAGE LOOP	1.000	EACH
801-03	WATER (SEEDING & SODDING)	62.000	M.G.
803-01	SODDING (NEW SOD)	6,200.000	S.Y.
795-01.03	6IN DIP RESTRAINED JOINT WATER LINE	50.000	L.F.
795-01.05	8IN DIP RESTRAINED JOINT WATER LINE	130.000	L.F.
795-01.09	12IN DIP RESTRAINED JOINT WATER LINE	100.000	L.F.
795-01.15	18IN DIP RESTRAINED JOINT WATER LINE	125.000	L.F.
795-06.05	CONNECT TO 8IN WATER LINE	3.000	EACH
795-06.07	CONNECT TO 12IN WATER LINE	2.000	EACH
795-06.10	CONNECT TO 18IN WATER LINE	2.000	EACH
795-06.38	CUT AND CAP 14IN WATERLINE	1.000	EACH
795-07.05	8IN X 6IN TAPPING SLEEVE AND VALVE	2.000	EACH
795-08.05	8IN GATE VALVE ASSEMBLY	1.000	EACH
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	10.000	EACH
795-09.28	3/4IN COPPER SERVICE PIPE	500.000	L.F.
795-09.29	1IN COPPER SERVICE PIPE	50.000	L.F.
795-11.02	FIRE HYDRANT ASSEMBLY	2.000	EACH
795-12.01	REMOVE FIRE HYDRANT	2.000	EACH
795-12.07	REMOVE EXISITNG VALVE	2.000	EACH
795-13.01	DI FITTINGS	2,100.000	LB.
795-14.05	CONCRETE ENCASEMENT	10.000	L.F.
795-16.15	RELOCATE/RECONNECT BACKFLOW ASSEMBLY	1.000	EACH
797-11.15	48IN MH ADJUSTMENT INCREASE HEIGHT	2.000	V.F.

Contract ID CNR937 - DAVIDSON

Item No.	Description	Quantity	Units
798-06.48	FIBER STORAGE LOOP	1.000	EACH

Contract ID CNR940 - JOHNSON

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-03.01	REMOVAL OF ASPHALT PAVEMENT	550.000	S.Y.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	7.000	C.Y.
203-30.01	ROADWAY APPROACHES	(1)	LS
209-05	SEDIMENT REMOVAL	23.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	346.000	L.F.
209-08.07	ROCK CHECK DAM PER	1.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	1.000	EACH
209-09.03	SEDIMENT FILTER BAG (15' X 15')	1.000	EACH
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	1.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	125.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	430.000	TON
303-01.03	GRANULAR BACKFILL (RETAINING WALLS)	220.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	7.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	119.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	77.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	1.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	4.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	51.000	TON
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	31.000	L.F.
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	1.000	EACH
621-05.02	TEMPORARY SHORING	(1)	LS
705-01.04	METAL BEAM GUARD FENCE	108.000	L.F.
705-02.02	SINGLE GUARDRAIL (TYPE 2)	325.000	L.F.
705-04.03	GUARDRAIL TERMINAL (TYPE 13)	1.000	EACH

Contract ID CNR940 - JOHNSON

Item No.	Description	Quantity	Units
705-04.04	GUARDRAIL TERMINAL (TYPE 21)	5.000	EACH
705-04.05	GUARDRAIL TERMINAL (TYPE-IN-LINE)	3.000	EACH
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	2.000	EACH
707-02.43	ROCK ANCHOR, TYPE I	100.000	L.F.
707-10.06	ROCKFALL DRAPE (TYPE II)	160.000	S.Y.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	50.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	12.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	150.000	TON
710-13.03	FILTER CLOTH	40.000	S.Y.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	200.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	20.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	4.000	EACH
712-06	SIGNS (CONSTRUCTION)	342.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	40.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	130.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	18.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	1.000	L.M.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	179.000	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	275.000	L.F.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	50.000	S.Y.
202-04.50	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (SLAB BRIDGE, STA. 13+50.00)	(1)	LS
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	216.000	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	46,219.000	LB.

Contract ID CNR936 - TIPTON

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-03.01	REMOVAL OF ASPHALT PAVEMENT	652.000	S.Y.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	443.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	496.000	C.Y.
203-06	WATER	20.000	M.G.
209-05	SEDIMENT REMOVAL	30.000	C.Y.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	350.000	L.F.
209-08.07	ROCK CHECK DAM PER	3.000	EACH
209-09.01	SANDBAGS	200.000	BAG
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	873.000	TON
303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (D)	1,600.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	25.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	300.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	142.000	TON
307-02.02	ASPHALT CEMENT (PG70-22)(BPMB-HM) GRADING A-S	4.000	TON
307-02.03	AGGREGATE (BPMB-HM) GRADING A-S MIX	108.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	145.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	2.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	8.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	11.000	TON
405-03.01	PM REJUVENATING SCRUB SEAL	50,723.000	S.Y.
407-20.05	SAW CUTTING ASPHALT PAVEMENT	320.000	L.F.
411-02.10	ACS MIX(PG70-22) GRADING D	128.000	TON
411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	2,926.000	TON

Contract ID CNR936 - TIPTON

Item No.	Description	Quantity	Units
411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	3.160	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	407.000	TON
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	624.000	S.Y.
621-03.02	18" TEMPORARY DRAINAGE PIPE	36.000	L.F.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	912.000	S.F.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	5.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	7.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	200.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	100.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	980.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	46.000	EACH
712-04.50	PORTABLE BARRIER RAIL DELINEATOR	32.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,848.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	187.000	L.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	8.000	EACH
713-16.20	SIGNS (DESCRIPTION) (R1-2, YIELD)	2.000	EACH
713-16.21	SIGNS (DESCRIPTION) (R5-1, DO NOT ENTER)	3.000	EACH
713-16.22	SIGNS (DESCRIPTION) (R5-1A, WRONG WAY)	1.000	EACH
713-16.23	SIGNS (DESCRIPTION) (R6-1L, ONE WAY)	2.000	EACH
713-16.24	SIGNS (DESCRIPTION) (R6-1R, ONE WAY)	1.000	EACH
713-16.25	SIGNS (DESCRIPTION) (W2-1, INTERSECTION)	1.000	EACH
713-16.26	SIGNS (DESCRIPTION) (W16-8P, CHARLES PLACE, SUPPLEMENTAL WARNING PLAQUE)	1.000	EACH
716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	300.000	EACH
716-01.23	Snwplwble Pvmt Mrkrs (Bi-Dir)(2 Color)	8.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	150.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	290.000	L.F.

Contract ID CNR936 - TIPTON

Item No.	Description	Quantity	Units
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	156.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	550.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	9.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	17.520	L.M.
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	2,800.000	L.F.
716-05.08	PAINTED PAVEMENT MARKING (PARKING LINE)	232.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	0.440	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	8.080	L.M.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	9.760	L.M.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	172.000	S.Y.
740-11.04	TEMPORARY SEDIMENT TUBE 20IN (EROSION CONTROL)	200.000	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	29.000	UNIT
801-03	WATER (SEEDING & SODDING)	18.000	M.G.
803-01	SODDING (NEW SOD)	1,600.000	S.Y.

Contract ID CNR224 - ANDERSON

Item No.	Description	Quantity	Units
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	55.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	7,768.000	TON
411-02.11	ACS MIX(PG70-22) GRADING E RWDY	641.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	3.500	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	8,327.000	TON
611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	12.000	EACH
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	4.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	13.000	EACH
706-01	GUARDRAIL REMOVED	650.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	261.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	130.000	EACH
712-06	SIGNS (CONSTRUCTION)	709.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
716-01.11	RAISED PVMT MARKERS (BI-DIRECTIONAL) (1 COLOR LENS)	259.000	EACH
716-01.12	RAISED PVMT MARKERS (MONO-DIRECTIONAL) (1 COLOR LENS)	461.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	93.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	30.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	26.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	17.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	17.000	L.M.
717-01	MOBILIZATION	(1)	LS
730-14.02	SAW SLOT	1,500.000	L.F.
730-14.03	LOOP WIRE	3,000.000	L.F.

Contract ID CNR225 - CAMPBELL

Item No.	Description	Quantity	Units
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	600.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	39.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	5,946.000	TON
411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	8.600	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	5,884.000	TON
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	1.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	1.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	386.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	193.000	EACH
712-06	SIGNS (CONSTRUCTION)	758.000	S.F.
716-01.21	Snwplwble Pvmt Mrks (Bi-Dir)(1 Color)	355.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	31.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	384.000	L.F.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	22.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	22.000	L.M.
717-01	MOBILIZATION	(1)	LS

Contract ID CNR234 - CHEATHAM

Item No.	Description	Quantity	Units
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	1,399.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	500.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	35.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	5,299.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON- CONTINUOUS) (8IN WIDTH)	7.600	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	5,067.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	25.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	4.000	EACH
712-06	SIGNS (CONSTRUCTION)	520.000	S.F.
713-16.20	SIGNS (DESCRIPTION) (R2-1)	3.000	EACH
716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	311.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	311.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	16.000	L.F.
716-03.03	PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	1.000	EACH
716-04.16	PLASTIC PAVEMENT MARKING (NOISE STRIP)	132.000	L.F.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	15.600	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	6.100	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	9.500	L.M.
717-01	MOBILIZATION	(1)	LS

Contract ID CNR240 - CUMBERLAND & ROANE

Item No.	Description	Quantity	Units
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	3.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	12.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	157.000	TON
705-02.03	SINGLE GUARDRAIL (TYPE 2) LONG POST	415.000	L.F.
705-04.10	EARTH PAD FOR GUARD RAIL END TREATMENT	4.000	EACH
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	3,547.000	L.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL3	125.000	L.F.
705-06.30	GR TERMINAL (TYPE 21) MASH TL2	4.000	EACH
706-01	GUARDRAIL REMOVED	225.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
713-02.21	SIGN POST DELINEATION ENHANCEMENT	204.000	L.F.
713-02.22	BARRIER WALL DELINEATION ENHANCEMENT	444.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	234.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	1,119.000	LB.
713-11.21	P POST SLIP BASE	10.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	121.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	183.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	6.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	71.000	L.F.
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	175.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	13.500	L.M.
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	175.000	L.F.
717-01	MOBILIZATION	(1)	LS

Contract ID CNR232 - HAMBLEN

Item No.	Description	Quantity	Units
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	500.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	550.000	L.F.
209-08.08	ENHANCED ROCK CHECK DAM	2.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	765.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	230.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	78.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	1.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	4.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	58.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	50.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
713-15.02	REMOVAL & RELOCATION OF SIGN & SUPPORT	2.000	EACH
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	2.000	EACH
713-16.20	SIGNS (DESCRIPTION) (S1-1)	2.000	EACH
713-16.21	SIGNS (DESCRIPTION) (TN-9)	2.000	EACH
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	3.000	EACH
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	0.200	L.M.
716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	200.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	2.000	EACH
730-01.08	SCHOOL SPEED LIMIT FLASHING SIGNAL INSTALLED	4.000	EACH
730-01.12	SOLAR PANEL & POWER SYSTEM UNIT	4.000	EACH
730-23.72	CANTILEVER SIGNAL SUPPORT (1 ARM @ 35')	2.000	EACH
730-24.01	FOUNDATION (SIGNAL SUPPORT)	2.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	55.000	S.Y.

Contract ID CNR232 - HAMBLEN

Item No.	Description	Quantity	Units
740-11.01	TEMPORARY SEDIMENT TUBE 8IN	100.000	L.F.

Contract ID CNR031 - HAMILTON

Item No.	Description	Quantity	Units
406-04.03	HIGH FRICTION SURFACE TREATMENT (SINGLE LIFT)	2,650.000	S.Y.
406-04.04	HIGH FRICTION SURFACE TREATMENT (DOUBLE LIFT)	6,965.000	S.Y.
501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	1,000.000	S.Y.
502-03.13	CONCRETE PAVEMENT REMOVAL	1,000.000	S.Y.
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	30.000	S.Y.
705-01.01	GUARDRAIL AT BRIDGE ENDS	27.000	L.F.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	1.000	EACH
705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	75.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	1.000	EACH
706-01	GUARDRAIL REMOVED	63.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	0.500	C.Y.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	101.000	LB.
713-02.22	BARRIER WALL DELINEATION ENHANCEMENT	3,600.000	L.F.
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	300.000	LB.
713-14	EXTRUDED ALUMINUM PANEL SIGNS	172.000	S.F.
716-01.12	RAISED PVMT MARKERS (MONO-DIRECTIONAL) (1 COLOR LENS)	385.000	EACH
716-01.22	Snwplwble Pvmt Mrkrs (Mono-Dir)(1 Color)	77.000	EACH
716-01.23	Snwplwble Pvmt Mrkrs (Bi-Dir)(2 Color)	78.000	EACH
716-01.40	REMOVE AND REPLACE LENS ON SNOWPLOWABLE REFLECTIVE MARKER	16.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	250.000	L.F.
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	962.000	L.F.
716-10.50	PREFORMED PLASTIC PAVEMENT MARKING (INTERSTATE SHIELD)	4.000	EACH

Contract ID CNR031 - HAMILTON

Item No.	Description	Quantity	Units
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	1.100	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	275.000	L.F.
717-01	MOBILIZATION	(1)	LS
201-07.01	REMOVAL AND DISPOSAL OF BRUSH & TREES	(1)	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (BR. NO. 33-I0024-07.61)	(1)	LS
209-03.22	FILTER SOCK (18 INCH)	200.000	L.F.
604-02.03	EPOXY COATED REINFORCING STEEL	285,858.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	8.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	301.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	243.000	S.Y.
604-03.09	CLASS D CONCRETE (BRIDGE DECK)	711.000	C.Y.
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	4,425.000	S.Y.
604-10.05	CONCRETE	17.000	S.F.
604-10.42	CONCRETE REPAIRS	1.000	C.F.
604-10.54	CONCRETE REPAIRS	18.000	S.F.
604-10.55	CONCRETE (FOUNDATION REPAIRS)	2.000	C.Y.
604-10.58	EPOXY INJECTION (INJECTION)	12.000	GAL.
604-10.62	EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)	118.000	L.F.
620-03	CONCRETE PARAPET (DESCRIPTION) (STD-1-1)	535.000	L.F.
620-03.10	CONCRETE PARAPET (DESCRIPTION) (MODIFIED STD-1-1)	524.000	L.F.
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	3.000	EACH
705-10.28	CONCRETE BARRIER WALL FOR BRIDGE PIERS	15.000	L.F.
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	3,410.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	125.000	EACH
712-04.50	PORTABLE BARRIER RAIL DELINEATOR	171.000	EACH
712-05.03	WARNING LIGHTS (TYPE C)	1.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,014.000	S.F.

Contract ID CNR031 - HAMILTON

Item No.	Description	Quantity	Units
712-08.03	ARROW BOARD (TYPE C)	1.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	200.000	HOUR
713-14	EXTRUDED ALUMINUM PANEL SIGNS	2,318.000	S.F.
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	6.000	EACH
713-17.30	MODIFY EXISTING OVERHEAD SIGN STRUCTURE	(1)	LS
716-01.06	TEMPORARY RAISED PAVEMENT MARKER,WHITE	70.000	EACH
716-01.07	TEMPORARY RAISED PAVEMENT MARKER,YELLOW	81.000	EACH
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	16,800.000	L.F.
716-05.04	PAINTED PAVEMENT MARKING (CHANNELIZATION STRIPING)	200.000	S.Y.
716-08.02	REMOVAL OF PAVEMENT MARKING (8" BARRIER LINE)	16,800.000	L.F.
716-08.04	REMOVAL OF PAVEMENT MARKING (CHANNELIZATION STRIPING)	200.000	S.Y.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	3.000	L.M.

Contract ID CNR218 - HAMILTON

Item No.	Description	Quantity	Units
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	100.000	S.Y.
202-08.15	REMOVAL OF CURB AND GUTTER (DESCRIPTION) (DESCRIPTION)	526.000	L.F.
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	39.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	6,464.000	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	5,892.000	TON
611-01.20	ADJUSTMENT OF EXISTING MANHOLE	16.000	EACH
611-03.04	GRAY IRON CASTINGS (CATCHBASIN)	540.000	LB.
701-02.01	CONCRETE CURB RAMP (RETROFIT)	2,332.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	37.100	C.Y.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.02	FLEXIBLE DRUMS (CHANNELIZATION)	150.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	75.000	EACH
712-06	SIGNS (CONSTRUCTION)	549.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
713-02.21	SIGN POST DELINEATION ENHANCEMENT	48.000	L.F.
713-11.01	"U" SECTION STEEL POSTS	260.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	371.000	LB.
713-11.21	P POST SLIP BASE	12.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	48.300	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	99.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	17.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.21	Snowplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	472.000	EACH
716-01.22	Snowplwble Pvmt Mrkrs (Mono-Dir)(1 Color)	392.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	595.000	L.F.
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	25.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	1,314.000	L.F.

Contract ID CNR218 - HAMILTON

Item No.	Description	Quantity	Units
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	36.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	79.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	785.000	L.F.
716-03.09	PLASTIC WORD PAVEMENT MARKING () (ONLY)	1.000	EACH
716-04.02	PLASTIC PAVEMENT MARKING(DOUBLE TURNING ARROW)	1.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	71.000	S.F.
716-04.13	PLASTIC PAVEMENT MARKING (BIKELANE SYMBOL & ARROW)	17.000	EACH
716-04.15	PLASTIC PAVEMENT MARKING-BIKE SYMBOL/ARROW SHARED	14.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	18.000	L.M.
716-10.30	TRUNCATED DOME DETECTABLE WARNING MAT	70.000	S.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	0.300	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	23.600	L.M.
716-13.03	SPRAY THERMO PVMT MRKNG (60 mil) (8IN BARRIER LINE)	250.000	L.F.
716-13.05	SPRAY THERMO PVMT MRKNG (60 mil) (6IN DOTTED LINE)	662.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-14.02	SAW SLOT	8,000.000	L.F.
730-14.03	LOOP WIRE	169,064.000	L.F.
730-26.08	FLASHING WARNING BEACON (DESCRIPTION)	1.000	EACH

Contract ID CNR016 - HARDIN

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
109-10.01	TRAINEE	1,180.000	HOUR
201-01	CLEARING AND GRUBBING	(1)	LS
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-04.50	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (3' X 4' RCBC, STA. 790+93.39)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	6,284.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	8,438.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	1,862.000	C.Y.
203-06	WATER	149.000	M.G.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	12.000	C.Y.
209-05	SEDIMENT REMOVAL	731.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	200.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	16,631.000	L.F.
209-08.07	ROCK CHECK DAM PER	6.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	8.000	EACH
209-09.01	SANDBAGS	5,712.000	BAG
209-09.04	SEDIMENT FILTER BAG(15' X 10')	2.000	EACH
209-09.41	CURB INLET PROTECTION (TYPE 2)	12.000	EACH
209-09.43	CURB INLET PROTECTION (TYPE 4)	68.000	EACH
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	156.000	S.Y.
209-40.30	CATCH BASIN PROTECTION (TYPE A)	3.000	EACH
209-40.33	CATCH BASIN PROTECTION (TYPE D)	10.000	EACH
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	5.000	EACH
209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	23.000	EACH
209-40.43	CATCH BASIN FILTER ASSEMBLY(TYPE 3)	3.000	EACH
209-40.44	CATCH BASIN FILTER ASSEMBLY(TYPE 4)	3.000	EACH
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	54.000	EACH
209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	4.000	EACH

Contract ID CNR016 - HARDIN

Item No.	Description	Quantity	Units
209-40.48	CATCH BASIN FILTER ASSEMBLY(TYPE 8)	5.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	17,488.000	TON
303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (DESCRIPTION) (D)	2,000.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	97.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	3,598.000	TON
307-01.02	ASPHALT CEMENT (PG64-22) (BPMB-HM) GRADING A-S	92.000	TON
307-01.03	AGGREGATE (BPMB-HM) GRADING A-S MIX	2,724.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	5,671.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	44.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	173.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	33.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	3,596.000	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	1,566.000	TON
606-24.12	TEMPORARY SHEET PILES	1,500.000	S.F.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	5,345.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	2,550.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	563.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	937.000	L.F.
607-09.30	48" PIPE CULVERT	69.000	L.F.
607-11.30	60" PIPE CULVERT	96.000	L.F.
607-16.06	45"X 29" HORIZONTAL OVAL CONCRETE PIPE CULVERT	59.000	L.F.
607-20.01	18" CROSSDRAIN PIPE CULVERT(COLLECTORS & LOCAL ROADS)	186.000	L.F.
607-39.01	15" PIPE CULVERT (SIDE DRAIN)	114.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	610.000	L.F.
607-39.03	24" PIPE CULVERT (SIDE DRAIN)	50.000	L.F.
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	19.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	240.000	LB.

Contract ID CNR016 - HARDIN

Item No.	Description	Quantity	Units
611-07.31	18IN ENDWALL (SIDE DRAIN)	4.000	EACH
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH
611-07.69	48IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH
611-07.71	48IN ENDWALL (CROSS DRAIN) 6:1	2.000	EACH
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	14.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	46.000	EACH
611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	11.000	EACH
611-12.04	CATCH BASINS, TYPE 12, > 12' - 16' DEPTH	2.000	EACH
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	4.000	EACH
611-16.02	CATCH BASINS, TYPE 16, > 4' - 8' DEPTH	3.000	EACH
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	15.000	EACH
611-43.01	CATCH BASINS, TYPE 43, 0' - 4' DEPTH	1.000	EACH
611-43.02	CATCH BASINS, TYPE 43, > 4' - 8' DEPTH	1.000	EACH
621-03.04	30" TEMPORARY DRAINAGE PIPE	165.000	L.F.
621-03.05	36" TEMPORARY DRAINAGE PIPE	132.000	L.F.
701-01.01	CONCRETE SIDEWALK (4 ")	35,522.000	S.F.
701-02	CONCRETE DRIVEWAY	11,438.000	S.F.
701-02.03	CONCRETE CURB RAMP	2,711.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	702.000	C.Y.
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	10.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	1,032.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	62.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	200.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	182.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	303.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	8,265.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	5,000.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	528.000	EACH
712-06	SIGNS (CONSTRUCTION)	472.000	S.F.

Contract ID CNR016 - HARDIN

Item No.	Description	Quantity	Units
712-06.01	VERTICAL PANELS	340.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	72.000	L.F.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	1,489.000	LB.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	340.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	325.000	EACH
716-01.22	Snwplwble Pvmt Mrkrs (Mono-Dir)(1 Color)	94.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	896.000	L.F.
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	10.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	178.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	11.000	EACH
716-02.11	PLASTIC PAVEMENT MARKING (6" DOTTED LINE)	855.000	L.F.
716-04.02	PLASTIC PAVEMENT MARKING(DOUBLE TURNING ARROW)	7.000	EACH
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	331.000	L.F.
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	2.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	8.400	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	4.800	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	4.100	L.M.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	1,256.000	S.Y.
801-01	SEEDING (WITH MULCH)	12.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	50.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	41.000	UNIT
801-03	WATER (SEEDING & SODDING)	119.000	M.G.
801-07	SEED (SUPPLEMENTAL APPLICATION)	50.000	LB.
801-08	FERTILIZER (SUPPLEMENTAL APPLICATION)	1.000	TON
803-01	SODDING (NEW SOD)	10,770.000	S.Y.

Contract ID CNR016 - HARDIN

Item No.	Description	Quantity	Units
805-12.01	EROSION CONTROL BLANKET (TYPE I)	4,500.000	S.Y.
806-02.03	PROJECT MOWING	4.000	CYCL
790-01.04	POLE 30FT CLASS 5 WOOD	2.000	EACH
790-02.03	POLE 35FT CLASS 4 WOOD	6.000	EACH
790-03.03	POLE 40FT CLASS 4 WOOD	20.000	EACH
790-04.02	POLE 45FT CLASS 2 WOOD	1.000	EACH
790-05.02	POLE 50FT CLASS 2 WOOD	1.000	EACH
790-05.03	POLE 50FT CLASS 3 WOOD	14.000	EACH
790-06.01	POLE 55FT CLASS 1 WOOD	2.000	EACH
790-06.02	POLE 55FT CLASS 2 WOOD	26.000	EACH
790-06.03	POLE 55FT CLASS 3 WOOD	1.000	EACH
790-22.02	1PH DBL PRIMARY SUPPORT 25KV	3.000	EACH
790-22.07	1PH DBL PTS ANGLE 25KV	1.000	EACH
790-22.11	1PH DDE ANGLE 25KV	2.000	EACH
790-22.13	1PH DEAD END 25KV	7.000	EACH
790-22.15	1PH DEAD END TAP W/ EXTENSION 25KV	21.000	EACH
790-22.16	1PH DDE TANGENT 25KV	5.000	EACH
790-24.02	2PH DBL CROSSARM, ANGLE 25KV	1.000	EACH
790-24.08	2PH DEAD END CROSSARM 25KV	2.000	EACH
790-26.03	3PH CROSSARM SGL LRG COND 25KV	27.000	EACH
790-26.13	3PH CROSSARM DBL SM ANGLE LRG COND 25KV	7.000	EACH
790-26.15	3PH XARM DBL 10FT LRG COND SM ANGLE 25KV	9.000	EACH
790-26.26	3PH CROSSARM DEAD END 25KV	4.000	EACH
790-26.27	3PH CROSSARM DBL DDE 25KV	3.000	EACH
790-26.37	3PH XARM DBL 10FT LG COND NOX SM ANG 25KV	9.000	EACH
790-26.38	3PH CROSSARM 10FT LRG COND 25KV	18.000	EACH
790-30.06	SECONDARY CONDUCTOR 6 AL DUPLEX	330.000	L.F.
790-30.12	SECONDARY CONDUCTOR 4 AL TRIPLEX	1,259.000	L.F.
790-30.13	SECONDARY CONDUCTOR 2 AL TRIPLEX	103.000	L.F.
790-30.14	SECONDARY CONDUCTOR 1/0 AL TRIPLEX	237.000	L.F.

Contract ID CNR016 - HARDIN

Item No.	Description	Quantity	Units
790-31.02	SERVICE ASSEMBLY-POLE TYPE	36.000	EACH
790-32.02	DOWN GUY - THROUGH BOLT TYPE HEAVY DUTY	48.000	EACH
790-32.07	OH GUY - THROUGH BOLT TYPE	5.000	EACH
790-32.12	OH GUY - CROSSARM DEADEND HEAVY DUTY	1.000	EACH
790-32.23	GUY GUARD	48.000	EACH
790-33.03	SCREW TYPE ANCHOR 6,000LB-8,000LB	34.000	EACH
790-33.04	SCREW TYPE ANCHOR 10,000LB-12,000LB	8.000	EACH
790-36.06	TRANSFER LIGHT	6.000	EACH
790-40.01	OH COND 4 7/1 ACSR SWANATE	8,326.000	L.F.
790-40.03	OH COND 1/0 6/1 ACSR RAVEN	3,624.000	L.F.
790-40.05	OH COND 3/0 6/1 ACSR PIGEON	15,693.000	L.F.
790-40.09	OH COND 336.4 18/1 ACSR MERLIN	28,926.000	L.F.
790-42.12	CONDUIT - POLE MTD - 2IN SCH 80 PVC	4.000	L.F.
790-46.01	1PH TRANSFORMER	21.000	EACH
790-47.02	2PH XFMR BNK POLE MTD W/ FUSE/ARRESTERS	2.000	EACH
790-61.10	3PH SECTLR OR RECL W/ BYPASS SW 25KV	2.000	EACH
790-68.10	MISCELLANEOUS ASSEMBLIES	30.000	EACH
790-69.22	POLE TOP PIN	4.000	EACH
790-69.32	ARM PIN	5.000	EACH
790-70.20	STREET LIGHT (DESCRIPTION) (SEE PLANS)	12.000	EACH
790-98.01	REMOVE WIRE	42,126.000	L.F.
790-98.02	REMOVE POLES	60.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	400.000	EACH
791-01.02	2IN STEEL GAS MAIN	1,170.000	L.F.
791-01.05	6IN STEEL GAS MAIN	8,140.000	L.F.
791-01.06	8IN STEEL GAS MAIN	2,875.000	L.F.
791-03.02	2IN HDPE GAS MAIN	490.000	L.F.
791-04.02	HDD 2IN PE PIPE - UNCONSOLIDATED	80.000	L.F.
791-04.20	HDD 2IN STEEL PIPE - UNCONSOLIDATED	145.000	L.F.
791-06.02	CONNECT TO 2IN EX. PE MAIN	4.000	EACH

Contract ID CNR016 - HARDIN

Item No.	Description	Quantity	Units
791-06.13	CONNECT TO 8IN EX. STL MAIN	32.000	EACH
791-06.31	CONNECT TO 2IN EX. STL MAIN W/ STOPPLE	7.000	EACH
791-06.33	CONNECT TO 6IN EX. STL MAIN W/ STOPPLE	1.000	EACH
791-07.01	2IN PE GAS VALVE ASSEMBLY	3.000	EACH
791-07.09	2IN STEEL GAS VALVE ASSEMBLY	6.000	EACH
791-07.11	6IN STEEL GAS VALVE ASSEMBLY	2.000	EACH
791-07.12	8IN STEEL GAS VALVE ASSEMBLY	2.000	EACH
791-08.02	3/4IN SERVICE ASSEMBLY	38.000	EACH
791-08.03	1IN SERVICE ASSEMBLY	6.000	EACH
791-08.07	3/4IN PE SERVICE PIPE	70.000	L.F.
791-08.08	1IN PE SERVICE PIPE	130.000	L.F.
791-08.12	3/4IN STEEL SERVICE PIPE	900.000	L.F.
791-08.17	HDD 3/4IN PE SERVICE PIPE	60.000	L.F.
791-08.18	HDD 1IN PE SERVICE PIPE	180.000	L.F.
791-08.22	HDD 3/4IN STEEL SERVICE PIPE	1,180.000	L.F.
791-09.02	3-WIRE CATHODIC PROTECTION STATION	17.000	EACH
791-10.01	RETIRE IN PLACE 3/4IN SERV CUT & PLUG	31.000	EACH
791-10.04	RETIRE IN PLACE 2IN SERV CUT & PLUG	9.000	EACH
791-10.07	RETIRE IN PLACE 8IN SERV CUT & PLUG	16.000	EACH
795-01.03	6IN DIP RESTRAINED JOINT WATER LINE	603.000	L.F.
795-01.05	8IN DIP RESTRAINED JOINT WATER LINE	500.000	L.F.
795-03.05	6IN PVC WATER LINE	1,884.000	L.F.
795-03.06	8IN PVC WATER LINE	7,582.000	L.F.
795-05.01	HDD 2IN HDPE CARRIER PIPE-UNCON	108.000	L.F.
795-05.02	HDD 4IN HDPE CASING PIPE-UNCON	1,200.000	L.F.
795-05.04	HDD 8IN HDPE CASING PIPE-UNCON	160.000	L.F.
795-05.65	BORE/JACK 16IN STEEL CASING PIPE-UNCON.	475.000	L.F.
795-05.66	BORE/JACK 18IN STEEL CASING PIPE-UNCON.	100.000	L.F.
795-07.03	6IN X 6IN TAPPING SLEEVE AND VALVE	11.000	EACH
795-07.31	INSERTION VALVE (6IN)	11.000	EACH

Contract ID CNR016 - HARDIN

Item No.	Description	Quantity	Units
795-08.01	2IN GATE VALVE ASSEMBLY	12.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	8.000	EACH
795-08.05	8IN GATE VALVE ASSEMBLY	11.000	EACH
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	52.000	EACH
795-09.15	1IN HDPE SERVICE PIPE	2,405.000	L.F.
795-09.17	2IN HDPE SERVICE PIPE	1,297.000	L.F.
795-11.02	FIRE HYDRANT ASSEMBLY	12.000	EACH
795-12.01	REMOVE FIRE HYDRANT	8.000	EACH
795-13.01	DI FITTINGS	9,000.000	LB.
797-05.09	12IN DIP GRAVITY SEWER 0FT-6FT DEPTH	24.000	L.F.
797-05.59	12IN PVC GRAVITY SEWER 0FT-6FT DEPTH	691.000	L.F.
797-05.60	12IN PVC GRAVITY SEWER 6FT-12FT DEPTH	702.000	L.F.
797-05.61	12IN PVC GRAVITY SEWER 12FT-18FT DEPTH	365.000	L.F.
797-06.61	BORE/JACK 10IN STEEL CASING PIPE-UNCON.	160.000	L.F.
797-07.02	48IN MANHOLE 4FT-6FT DEPTH	2.000	EACH
797-07.03	48IN MANHOLE 6FT-8FT DEPTH	2.000	EACH
797-07.04	48IN MANHOLE 8FT-10FT DEPTH	1.000	EACH
797-07.05	48IN MANHOLE 10FT-12FT DEPTH	1.000	EACH
797-07.06	48IN MANHOLE 12FT-14FT DEPTH	1.000	EACH
797-08.04	4IN PVC PIPE FOR SERVICE LATERAL	210.000	L.F.
797-08.05	6IN PVC PIPE FOR SERVICE LATERAL	60.000	L.F.
797-10.05	CONNECT 4IN LATERAL TO SEWER LINE	4.000	EACH
797-10.06	CONNECT 6IN LATERAL TO SEWER LINE	4.000	EACH

Contract ID CNR231 - MARSHALL

Item No.	Description	Quantity	Units
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	450.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	78.000	TON
411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	7,597.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	13.400	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	7,038.000	TON
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	2.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	2.000	EACH
706-01	GUARDRAIL REMOVED	150.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	25.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	4.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,072.000	S.F.
716-01.21	Snowplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	712.000	EACH
716-01.22	Snowplwble Pvmt Mrkrs (Mono-Dir)(1 Color)	25.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	37.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	71.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	434.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	4.000	EACH
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	201.000	L.F.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	29.900	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	13.200	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	16.700	L.M.
716-13.03	SPRAY THERMO PVMT MRKNG (60 mil) (8IN BARRIER LINE)	497.000	L.F.
717-01	MOBILIZATION	(1)	LS

Contract ID CNR241 - MONROE

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	3,842.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	6,079.000	TON
203-06	WATER	6.000	M.G.
204-09.01	COFFERDAM (PIER NO. ,STA.) (SEE PLANS)	(1)	LS
209-05	SEDIMENT REMOVAL	26.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	907.000	L.F.
209-09.04	SEDIMENT FILTER BAG(15' X 10')	4.000	EACH
209-13.04	TURBIDITY CURTAIN(DESCRIPTION) (TYPE 1)	490.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	843.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	254.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	92.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	62.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	1.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	0.500	TON
411-01.10	ACS MIX(PG64-22) GRADING D	62.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON- CONTINUOUS) (8IN WIDTH)	0.110	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	267.000	S.Y.
607-15.04	84" CONCRETE PIPE CULVERT (CLASS IV)	115.000	L.F.
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	4.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL3	212.500	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	56.000	L.F.
712-05.01	WARNING LIGHTS (TYPE A)	4.000	EACH
712-06	SIGNS (CONSTRUCTION)	526.500	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	48.000	L.F.

Contract ID CNR241 - MONROE

Item No.	Description	Quantity	Units
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
713-16.20	SIGNS (DESCRIPTION) (24"x30",W1-8L)	2.000	EACH
713-16.21	SIGNS (DESCRIPTION) (24"x30",W1-8R)	2.000	EACH
716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	5.000	EACH
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	0.240	L.M.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	159.000	S.Y.

Contract ID CNR230 - ROANE

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	1,085.000	TON
203-30.01	ROADWAY APPROACHES	(1)	LS
204-08	FOUNDATION FILL MATERIAL	52.000	C.Y.
209-05	SEDIMENT REMOVAL	21.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	1,080.000	L.F.
209-08.08	ENHANCED ROCK CHECK DAM	4.000	EACH
209-09.03	SEDIMENT FILTER BAG (15' X 15')	8.000	EACH
209-65.04	TEMPORARY IN STREAM DIVERSION	240.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	218.000	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	592.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	12.000	TON
307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	1.600	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	175.000	TON
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	0.200	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	1,440.000	S.Y.
604-01.01	CLASS A CONCRETE (ROADWAY)	144.000	C.Y.
604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	23,675.000	LB.
705-01.04	METAL BEAM GUARD FENCE	46.000	L.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL3	622.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	4.000	EACH
705-08.50	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-2	2.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	100.000	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	86.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	400.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	100.000	EACH

Contract ID CNR230 - ROANE

Item No.	Description	Quantity	Units
712-05.01	WARNING LIGHTS (TYPE A)	50.000	EACH
712-06	SIGNS (CONSTRUCTION)	384.000	S.F.
712-09.30	REMOVABLE BLACK-OUT TAPE (6")	1,620.000	L.F.
713-02.15	FLEXIBLE DELINEATOR (YELLOW)	20.000	EACH
716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	8.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	1.000	L.M.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	1.000	L.M.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	234.000	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	1,200.000	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN (SEE PLANS)	160.000	L.F.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	3,840.000	S.Y.

Contract ID CNR237 - ROBERTSON

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
202-01.13	REMOVAL OF PIPE (SIZE ,STA.) (15", 530+73)	200.000	L.F.
202-01.50	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	5.000	EACH
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	2.000	S.Y.
202-08.10	REMOVAL OF CURB (DESCRIPTION) (DETACHED NON-MOUNTABLE - STA. 12+34 LT TO STA. 13+21 LT, OFFSET 43.0')	80.000	L.F.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	1,569.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	362.000	C.Y.
203-07	FURNISHING & SPREADING TOPSOIL	815.000	C.Y.
209-08.08	ENHANCED ROCK CHECK DAM	4.000	EACH
209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	6.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	1,320.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	316.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	405.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	756.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	4.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	14.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	20.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	365.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	1,340.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	0.600	L.M.
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	0.800	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	13,000.000	S.Y.
502-03.13	CONCRETE PAVEMENT REMOVAL	94.000	S.Y.
607-02.02	15" CONCRETE PIPE CULVERT(CLASS III)	8.000	L.F.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	84.000	L.F.

Contract ID CNR237 - ROBERTSON

Item No.	Description	Quantity	Units
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	40.000	L.F.
611-07.59	24IN ENDWALL (CROSS DRAIN) 6:1	1.000	EACH
611-38.02	CATCH BASINS, TYPE 38, > 4' - 8' DEPTH	1.000	EACH
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	3.000	EACH
701-03	CONCRETE MEDIAN PAVEMENT	30.000	C.Y.
702-01.01	EXTRUDED MOUNTABLE CURB	193.000	L.F.
705-08.11	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	6.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	165.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	1,050.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	50.000	EACH
712-06	SIGNS (CONSTRUCTION)	325.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	1.000	C.Y.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	180.000	LB.
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	483.000	LB.
713-11.01	"U" SECTION STEEL POSTS	403.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	475.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	108.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	113.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-15.07	SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)	8.000	EACH
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	32.000	EACH
716-01.22	Snwplwble Pvmt Mrkrs (Mono-Dir)(1 Color)	25.000	EACH
716-01.23	Snwplwble Pvmt Mrkrs (Bi-Dir)(2 Color)	82.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	117.000	S.Y.

Contract ID CNR237 - ROBERTSON

Item No.	Description	Quantity	Units
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	415.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	14.000	EACH
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	2.000	EACH
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	4.000	EACH
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	715.000	L.F.
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	5.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	40.000	S.F.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	0.200	L.M.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	0.400	L.M.
716-05.21	PAINTED PAVEMENT MARKING(4"DOTTED LINE)	300.000	L.F.
716-05.49	PAINTED PAVEMENT MARKINGS(8" LINE)	0.670	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	2.090	L.M.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	0.500	L.M.
717-01	MOBILIZATION	(1)	LS
725-02.41	FIBER OPTIC TERMINATION SPLICE UNIT	4.000	EACH
725-03.44	FIBER OPTIC MODEM TRANSCEIVER (TYPE I)	4.000	EACH
725-03.60	CABLE MARKER	10.000	EACH
725-05.04	SPLICE ENCLOSURE (UNDER GRADE)	4.000	EACH
725-05.06	FUSION SPLICE	12.000	EACH
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	2.000	EACH
730-02.08	SIGNAL HEAD ASSEMBLY (130 POLE MOUNTED)	1.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	9.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	3.000	EACH
730-02.30	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A2 POLE MOUNTED)	1.000	EACH
730-02.31	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130 A2 WITH BACKPLATE)	2.000	EACH
730-03.20	INSTALL PULL BOX (TYPE A)	15.000	EACH

Contract ID CNR237 - ROBERTSON

Item No.	Description	Quantity	Units
730-03.21	INSTALL PULL BOX (TYPE B)	7.000	EACH
730-03.23	INSTALL PULL BOX (FIBER OPTIC-TYPE A)	8.000	EACH
730-03.24	INSTALL PULL BOX (FIBER OPTIC-TYPE B)	4.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	2.000	EACH
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	310.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	1,815.000	L.F.
730-08.40	INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (6F, DROP CABLE)	495.000	L.F.
730-08.41	INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (24F, SINGLE MODE)	4,200.000	L.F.
730-12.01	CONDUIT 1" DIAMETER (PVC)	655.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC)	410.000	L.F.
730-12.07	CONDUIT 1" DIAMETER (RGS)	240.000	L.F.
730-12.13	CONDUIT 2" DIAMETER (JACK AND BORE)	3,825.000	L.F.
730-12.16	CONDUIT (DESCRIPTION) (2" SCHEDULE 80 PVC, DIRECTIONAL BORE)	850.000	L.F.
730-12.18	CONDUIT (DESCRIPTION) (2" SCHEDULE 80 PVC, TRENCHED)	1,875.000	L.F.
730-12.30	TRENCHING	2,850.000	L.F.
730-13.05	VEHICLE DETECTOR (EXT. CALL - DELAY CALL)	18.000	EACH
730-13.08	VEHICLE DETECTOR (DESCRIPTION) (RADAR)	2.000	EACH
730-14.01	SHIELDED DETECTOR CABLE	5,720.000	L.F.
730-14.02	SAW SLOT	2,545.000	L.F.
730-14.03	LOOP WIRE	8,605.000	L.F.
730-15.11	MODIFY CABINET (DESCRIPTION) (INSTALL/INTEGRATE F.O. EQUIPMENT)	2.000	EACH
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	2.000	EACH
730-16.02	EIGHT PHASE ACTUATED CONTROLLER	4.000	EACH
730-18.01	MASTER CONTROLLER	1.000	EACH
730-19.01	TIME BASE COORDINATION UNIT	1.000	EACH
730-23.72	CANTILEVER SIGNAL SUPPORT (1 ARM @ 35')	2.000	EACH

Contract ID CNR237 - ROBERTSON

Item No.	Description	Quantity	Units
730-23.96	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 22')	2.000	EACH
730-23.97	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 50')	1.000	EACH
730-23.98	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 60')	1.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	290.000	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	480.000	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	70.000	UNIT
801-03	WATER (SEEDING & SODDING)	98.000	M.G.
803-01	SODDING (NEW SOD)	9,777.000	S.Y.

Contract ID CNR239 - RUTHERFORD

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-06.01	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 91 - 1.5 STORY VINYL RES.)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	12,869.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	1,588.000	TON
203-03	BORROW EXCAVATION (UNCLASSIFIED)	287.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	1,794.000	C.Y.
203-06	WATER	92.000	M.G.
209-05	SEDIMENT REMOVAL	25.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	180.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	740.000	L.F.
209-08.07	ROCK CHECK DAM PER	31.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	21.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	10,439.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	525.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	56.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	37.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	1,354.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	2,316.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	1,517.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	21.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	83.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	6.000	TON
407-20.05	SAW CUTTING ASPHALT PAVEMENT	73.000	L.F.
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	149.000	TON

Contract ID CNR239 - RUTHERFORD

Item No.	Description	Quantity	Units
411-01.10	ACS MIX(PG64-22) GRADING D	42.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	1,037.000	TON
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	0.600	L.M.
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	0.400	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	2,507.000	S.Y.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	82.000	L.F.
607-05.30	24" PIPE CULVERT	123.000	L.F.
607-39.03	24" PIPE CULVERT (SIDE DRAIN)	102.000	L.F.
611-07.58	24IN ENDWALL (CROSS DRAIN) 4:1	2.000	EACH
621-03.02	18" TEMPORARY DRAINAGE PIPE	68.000	L.F.
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	1.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL3	100.000	L.F.
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	1.000	EACH
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	5.000	EACH
706-01	GUARDRAIL REMOVED	151.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	460.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	15.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	1,593.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	159.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	555.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	2,317.000	L.F.
710-05	LATERAL UNDERDRAIN	424.000	L.F.
710-06.13	LATERAL UNDERDRAIN ENDWALL (4:1)	4.000	EACH
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	9.000	EACH
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	2,410.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	62.000	EACH
712-04.50	PORTABLE BARRIER RAIL DELINEATOR	241.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	2.000	EACH

Contract ID CNR239 - RUTHERFORD

Item No.	Description	Quantity	Units
712-05.03	WARNING LIGHTS (TYPE C)	2.000	EACH
712-06	SIGNS (CONSTRUCTION)	216.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	48.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	2,492.000	L.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	2.000	EACH
713-16.20	SIGNS (DESCRIPTION) (R1-1 W/ 1-P8 SUPPORT)	2.000	EACH
713-16.21	SIGNS (DESCRIPTION) (M1-1 & M2-1 W/ 1-P8 SUPPORT)	1.000	EACH
713-16.22	SIGNS (DESCRIPTION) (2- TN-17A W/ 1-U1 SUPPORT)	1.000	EACH
713-16.23	SIGNS (DESCRIPTION) (R2-1 W/ 1-P8 SUPPORT)	2.000	EACH
713-16.24	SIGNS (DESCRIPTION) (W1-4R W/ 1-P8 SUPPORT)	1.000	EACH
716-01.21	Snwplwble Pvmt Mrks (Bi-Dir)(1 Color)	101.000	EACH
716-01.22	Snwplwble Pvmt Mrks (Mono-Dir)(1 Color)	22.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	35.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	65.000	S.Y.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	3.000	EACH
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	2.000	EACH
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	256.000	L.F.
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	20,856.000	L.F.
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	0.300	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	2.700	L.M.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	128.000	L.F.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	2,920.000	S.Y.

Contract ID CNR239 - RUTHERFORD

Item No.	Description	Quantity	Units
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	1,350.000	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	11,553.000	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	12.000	UNIT
801-03	WATER (SEEDING & SODDING)	109.000	M.G.
803-01	SODDING (NEW SOD)	10,764.000	S.Y.
806-02.03	PROJECT MOWING	2.000	CYCL
795-01.04	6IN DIP SLIP JOINT WATER LINE	50.000	L.F.
795-01.06	8IN DIP SLIP JOINT WATER LINE	250.000	L.F.
795-01.13	16IN DIP RESTRAINED JOINT WATER LINE	70.000	L.F.
795-01.14	16IN DIP SLIP JOINT WATER LINE	1,600.000	L.F.
795-05.28	HDD __IN HDPE CASING PIPE-ROCK (SEE PLANS)	300.000	L.F.
795-06.34	CUT AND CAP 8IN WATERLINE	3.000	EACH
795-07.06	8IN X 8IN TAPPING SLEEVE AND VALVE	2.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	3.000	EACH
795-08.05	8IN GATE VALVE ASSEMBLY	3.000	EACH
795-08.14	16IN GATE VALVE ASSEMBLY	3.000	EACH
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	8.000	EACH
795-09.62	1IN PEXa SERVICE PIPE	700.000	L.F.
795-11.02	FIRE HYDRANT ASSEMBLY	4.000	EACH
795-13.01	DI FITTINGS	1,500.000	LB.
795-14.02	CLASS B CONCRETE	10.000	C.Y.
795-14.08	RESTORE ASPHALT	10.000	S.Y.
795-14.10	RESTORE GRAVEL	15.000	S.Y.
795-14.15	SUPPORT STRUCTURE FOR UNSTABLE SUBGRADE	1.000	LS

Contract ID CNR233 - STEWART

Item No.	Description	Quantity	Units
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	1,137.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	500.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	46.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	6,879.000	TON
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	6.200	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	6,814.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	25.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	4.000	EACH
712-06	SIGNS (CONSTRUCTION)	592.000	S.F.
716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	253.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	48.000	L.F.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	13.200	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	13.200	L.M.
717-01	MOBILIZATION	(1)	LS

Contract ID CNR227 - TROUSDALE

Item No.	Description	Quantity	Units
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	413.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	489.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	59.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	8,906.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	10.000	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	5,571.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	25.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	2.000	EACH
712-06	SIGNS (CONSTRUCTION)	1,640.000	S.F.
716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	412.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	412.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	14.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	24.000	L.F.
716-03.03	PLASTIC WORD PAVEMENT MARKING (STOP AHEAD)	1.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	23.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	10.300	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	12.500	L.M.
717-01	MOBILIZATION	(1)	LS

Contract ID CNR238 - WASHINGTON

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-04.10	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (ENDWALL, STA. 10+27)	(1)	LS
202-08.10	REMOVAL OF CURB (DESCRIPTION) (S.R. 34 MEDIAN)	410.000	L.F.
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	3,065.000	C.Y.
203-06	WATER	35.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	125.000	C.Y.
204-08	FOUNDATION FILL MATERIAL	20.000	C.Y.
209-05	SEDIMENT REMOVAL	200.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	1,200.000	L.F.
209-08.07	ROCK CHECK DAM PER	6.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	2.000	EACH
209-09.01	SANDBAGS	200.000	BAG
209-09.04	SEDIMENT FILTER BAG(15' X 10')	2.000	EACH
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	100.000	S.Y.
209-40.33	CATCH BASIN PROTECTION (TYPE D)	5.000	EACH
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	4,387.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	140.000	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	75.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	1,142.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	659.000	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	11.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	45.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	13.000	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	115.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	1,526.000	TON

Contract ID CNR238 - WASHINGTON

Item No.	Description	Quantity	Units
411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	0.100	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	17,233.000	S.Y.
604-02.01	CLASS A CONCRETE (BOX BRIDGES)	58.000	C.Y.
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	11,758.000	LB.
604-03.07	CLASS A CONCRETE (DESCRIPTION) (RETAINING WALL PARAPET)	83.000	C.Y.
604-07.22	RETAINING WALL (DESCRIPTION) (S.R. 354)	9,201.000	S.F.
604-07.28	RETAINING WALL EXCAVATION	4,800.000	C.Y.
607-02.02	15" CONCRETE PIPE CULVERT(CLASS III)	3.000	L.F.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	239.000	L.F.
607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	12.000	L.F.
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	1.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	45.000	LB.
611-07.31	18IN ENDWALL (SIDE DRAIN)	1.000	EACH
621-03.05	36" TEMPORARY DRAINAGE PIPE	100.000	L.F.
624-03.01	RETAINING WALL REINFORCING STEEL	11,494.000	LB.
701-03	CONCRETE MEDIAN PAVEMENT	12.000	C.Y.
702-01	CONCRETE CURB	15.000	C.Y.
702-03	CONCRETE COMBINED CURB & GUTTER	16.000	C.Y.
705-01.01	GUARDRAIL AT BRIDGE ENDS	54.000	L.F.
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	2.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL3	431.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL3	2.000	EACH
705-06.11	GR TERMINAL (IN-INLINE) MASH TL3	4.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	3.000	EACH
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	20.000	EACH
705-10.33	GUARDRAIL ATTACHMENT TO CONCRETE BRIDGERAIL	38.000	L.F.
706-01	GUARDRAIL REMOVED	1,120.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	50.000	TON

Contract ID CNR238 - WASHINGTON

Item No.	Description	Quantity	Units
709-05.06	MACHINED RIP-RAP (CLASS A-1)	350.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	350.000	TON
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	3,250.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	100.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	68.000	EACH
712-06	SIGNS (CONSTRUCTION)	321.000	S.F.
712-06.01	VERTICAL PANELS	110.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	272.000	L.F.
712-09.30	REMOVABLE BLACK-OUT TAPE (6")	2,500.000	L.F.
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	1.000	C.Y.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	242.000	LB.
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	1,160.000	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	905.000	LB.
713-11.03	2 1/2" DIA ROUND STEEL TUBE SIGN POST	174.000	LB.
713-11.21	P POST SLIP BASE	13.000	EACH
713-11.23	ROUND POST SLIP BASE	4.000	EACH
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	101.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	175.000	S.F.
713-14	EXTRUDED ALUMINUM PANEL SIGNS	52.000	S.F.
713-14.22	STREET NAME SIGN (SUSPENDED 0.100IN THICK)	69.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-30.09	BARRIER MOUNTED SIGN SUPPORT (3" SQ. x 1/8")	3.000	EACH
713-30.10	BARRIER MOUNTED SIGN SUPPORT (PERF/KNOCKOUT) (4" SQ. x 3/8")	1.000	EACH
716-01.23	Snwplwble Pvmt Mrkrs (Bi-Dir)(2 Color)	60.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	30.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	230.000	L.F.

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Item No.	Description	Quantity	Units
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	19.000	EACH
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	2.000	EACH
716-04.02	PLASTIC PAVEMENT MARKING(DOUBLE TURNING ARROW)	3.000	EACH
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	600.000	L.F.
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	7.000	EACH
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	60.000	S.F.
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	1.000	L.M.
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	1,000.000	L.F.
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	100.000	L.F.
716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	4.000	EACH
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	400.000	L.F.
716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	35.000	L.F.
716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	6.000	EACH
716-08.11	REMOVAL OF WORD PAVEMENT MARKING (DESCRIPTION) (DESCRIPTION)	1.000	EACH
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	2.000	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	1,000.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	1,300.000	L.F.
717-01	MOBILIZATION	(1)	LS
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	1.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	6.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	4.000	EACH
730-02.30	SIGNAL HEAD ASSEMBLY (DESCRIPTION) (130A3 WITH BACKPLATE)	3.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	9.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	1.000	EACH

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Item No.	Description	Quantity	Units
730-05.02	SERVICE CABLE (2 CONDUCTOR, # 8 AWG)	100.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	2,500.000	L.F.
730-09.01	SPAN WIRE ASSEMBLY(____LBS.MIN.BRK STRENGTH) (24,200 LBS.MIN.BRK STRENGTH)	700.000	L.F.
730-10.01	TETHER WIRE ASSEMBLY - 1/4" DIAMETER	700.000	L.F.
730-11.01	STEEL CONDUIT RISER ASSEMBLY	1.000	EACH
730-12.01	CONDUIT 1" DIAMETER (PVC)	800.000	L.F.
730-12.04	CONDUIT 4" DIAMETER (PVC)	100.000	L.F.
730-12.08	CONDUIT 2" DIAMETER (RGS)	50.000	L.F.
730-12.10	CONDUIT 4" DIAMETER (RGS)	50.000	L.F.
730-12.12	CONDUIT 1" DIAMETER (JACK AND BORE)	60.000	L.F.
730-13.01	VEHICLE LOOP DETECTOR (SHELF MOUNT)	14.000	EACH
730-14.01	SHIELDED DETECTOR CABLE	4,700.000	L.F.
730-14.02	SAW SLOT	1,800.000	L.F.
730-14.03	LOOP WIRE	5,000.000	L.F.
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	1.000	EACH
730-16.02	EIGHT PHASE ACTUATED CONTROLLER	1.000	EACH
730-23.02	STEEL STRAIN POLE (DESCRIPTION) (POLE A)	1.000	EACH
730-23.03	STEEL STRAIN POLE (DESCRIPTION) (POLE B)	1.000	EACH
730-23.04	STEEL STRAIN POLE (DESCRIPTION) (POLE C)	1.000	EACH
730-23.05	STEEL STRAIN POLE (DESCRIPTION) (POLE D)	1.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	800.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	50.000	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	15.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	15.000	UNIT
801-03	WATER (SEEDING & SODDING)	7.000	M.G.
803-01	SODDING (NEW SOD)	700.000	S.Y.
805-01.01	TURF REINFORCEMENT MAT (CLASS I)	544.000	S.Y.

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Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
109-10.01	TRAINEE	4,540.000	HOUR
201-01	CLEARING AND GRUBBING	(1)	LS
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-01.02	REMOVAL OF ASBESTOS	(1)	LS
202-01.50	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1.000	EACH
202-02.01	REMOVAL OF PIPE (SIZE ,STA.) (18" RCP, S.R. 6 STA. 85+80 to 88+00 LT)	218.720	L.F.
202-02.02	REMOVAL OF PIPE (SIZE ,STA.) (24" RCP, S.R. 6 STA. 96+86.33)	50.000	L.F.
202-02.03	REMOVAL OF PIPE (SIZE ,STA.) (18" RCP, OLD MOORES LANE STA. 20+50 LT)	42.000	L.F.
202-02.04	REMOVAL OF PIPE (SIZE ,STA.) (24" RCP, S.R. 6 STA. 148+18.20)	45.000	L.F.
202-02.05	REMOVAL OF PIPE (SIZE ,STA.) (18" RCP, S.R. 6 STA. 213+38.46)	59.000	L.F.
202-02.06	REMOVAL OF PIPE (SIZE ,STA.) (36" S.R. 6 STA. 201+15 LT)	9.000	L.F.
202-02.07	REMOVAL OF PIPE (SIZE ,STA.) (36", S.R. 6 STA. 201+15 LT)	25.000	L.F.
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (CATCH BASIN S.R. 6, STA.88+00 LT)	(1)	LS
202-04.02	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (ST.SEW., STA. S.R.6 97+00 LT)	(1)	LS
202-04.03	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (ST.SEW. WILLOWICK, STA. 40+37.00)	(1)	LS
202-04.04	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (E.W. S.R. 6, STA.121+60 LT & RT)	(1)	LS
202-04.05	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (ST.SEW. HOLLY TREE GAP, STA.34+00)	(1)	LS
202-04.06	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (CATCH BASIN, LYNNWOOD STA. 78+57.03)	(1)	LS
202-04.07	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (ST.SEW., ASHBY DR 79+70)	(1)	LS

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Item No.	Description	Quantity	Units
202-04.08	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (SEE PLANS)	(1)	LS
202-04.09	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (3'X3' BOX, S.R. 6 STA. 201+15 RT)	(1)	LS
202-04.10	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (ST.SEW., WEST CONCORD 69+80)	(1)	LS
202-04.11	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) St. Sew., West Concord 69+80	(1)	LS
202-06.01	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 14)	(1)	LS
202-06.02	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 23)	(1)	LS
202-06.03	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 41)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	80,505.000	C.Y.
203-02.02	BORROW EXCAVATION (GRADED SOLID ROCK)	2,097.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	18,827.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	7,662.000	C.Y.
203-06	WATER	163.000	M.G.
203-07	FURNISHING & SPREADING TOPSOIL	500.000	C.Y.
204-08	FOUNDATION FILL MATERIAL	151.815	C.Y.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	132.000	C.Y.
204-14	CORE DRILLING FOR PILES(ROCK)	135.000	L.F.
204-15	CORE DRILLING FOR PILES(SOIL)	853.000	L.F.
209-02.06	15" TEMPORARY SLOPE DRAIN	48.000	L.F.
209-02.07	18" TEMPORARY SLOPE DRAIN	1,490.000	L.F.
209-05	SEDIMENT REMOVAL	1,661.580	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	8,635.990	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	254.750	L.F.
209-08.07	ROCK CHECK DAM PER	65.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	62.000	EACH
209-09.01	SANDBAGS	3,800.000	BAG
209-09.03	SEDIMENT FILTER BAG (15' X 15')	9.000	EACH

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Item No.	Description	Quantity	Units
209-09.41	CURB INLET PROTECTION (TYPE 2)	2.000	EACH
209-09.43	CURB INLET PROTECTION (TYPE 4)	162.000	EACH
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	175.000	S.Y.
209-40.33	CATCH BASIN PROTECTION (TYPE D)	4.000	EACH
209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	27.000	EACH
209-40.43	CATCH BASIN FILTER ASSEMBLY(TYPE 3)	2.000	EACH
209-40.44	CATCH BASIN FILTER ASSEMBLY(TYPE 4)	6.000	EACH
209-40.45	CATCH BASIN FILTER ASSEMBLY(TYPE 5)	11.000	EACH
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	92.000	EACH
209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	48.000	EACH
209-40.48	CATCH BASIN FILTER ASSEMBLY(TYPE 8)	6.000	EACH
209-65.03	TEMPORARY DIVERSION CHANNEL	120.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	71,839.449	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	2,750.199	TON
303-01.03	GRANULAR BACKFILL (RETAINING WALLS)	3,668.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	321.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	2,819.744	TON
307-01.21	ASP. CONC. MIX(PG70-22) (BPMB-HM) GR. A-S	12,418.935	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	16,050.842	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	16,939.114	TON
307-03.10	ASPHALT CONC MIX (PG76-22)(BPMB-HM) GR CS	5,818.501	TON
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	353.625	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	701.710	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	139.680	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	34.539	TON
411-01.10	ACS MIX(PG64-22) GRADING D	1,857.703	TON
411-02.10	ACS MIX(PG70-22) GRADING D	9,931.118	TON
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	9,446.618	TON

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Item No.	Description	Quantity	Units
602-01	STRUCTURAL STEEL	5,117.000	LB.
602-10.17	STEEL PILING	1,017.000	L.F.
604-01.01	CLASS A CONCRETE (ROADWAY)	467.893	C.Y.
604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	85,873.202	LB.
604-02.03	EPOXY COATED REINFORCING STEEL	78,449.000	LB.
604-02.41	ENERGY DISSIPATER (DESCRIPTION) (FOR 4X4 BOX CULVERT)	1.000	EACH
604-02.42	ENERGY DISSIPATER (DESCRIPTION) (FOR 5X5 BOX CULVERT)	1.000	EACH
604-03.07	CLASS A CONCRETE (DESCRIPTION) (SEE PLANS)	1,652.000	C.Y.
604-15.01	PORTLAND CEMENT GROUT	246.000	C.Y.
606-04.03	STEEL PILES (14 INCH)	900.000	L.F.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	13,422.000	L.F.
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	4,547.000	L.F.
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	42.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	1,632.000	L.F.
607-08.02	42" CONCRETE PIPE CULVERT (CLASS III)	1,368.000	L.F.
607-09.02	48" CONCRETE PIPE CULVERT (CLASS III)	760.000	L.F.
607-10.02	54" CONCRETE PIPE CULVERT (CLASS III)	266.000	L.F.
607-16.01	23"X 14" HORIZONTAL OVAL CONCRETE PIPE CULVERT	52.000	L.F.
607-16.05	45"X 29" HORIZONTAL OVAL CONCRETE PIPE CULVERT (CLASS__)	12.000	L.F.
607-16.08	53"X 34" HORIZONTAL OVAL CONCRETE PIPE CULVERT	105.000	L.F.
607-16.11	76"X 48" HORIZONTAL OVAL CONCRETE PIPE CULVERT	274.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	126.000	L.F.
607-39.05	36" PIPE CULVERT (SIDE DRAIN)	56.000	L.F.
611-01.02	MANHOLES, > 4' - 8' DEPTH	2.000	EACH
611-02.01	SPRING DRAIN BOX, TYPE 1	1.000	EACH
611-02.10	JUNCTION BOX, TYPE 1	1.000	EACH
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	17.420	C.Y.

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Item No.	Description	Quantity	Units
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	379.000	LB.
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	1.000	EACH
611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH
611-07.60	30IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH
611-07.63	36IN ENDWALL (CROSS DRAIN) 3:1	1.000	EACH
611-07.69	48IN ENDWALL (CROSS DRAIN) 3:1	2.000	EACH
611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	3.000	EACH
611-09.02	REWORK CATCHBASIN	1.000	EACH
611-09.03	CAPPING EXISTING CATCHBASIN	1.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	81.000	EACH
611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	14.000	EACH
611-12.04	CATCH BASINS, TYPE 12, > 12' - 16' DEPTH	8.000	EACH
611-14.01	CATCH BASINS, TYPE 14, 0' - 4' DEPTH	1.000	EACH
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	54.000	EACH
611-14.03	CATCH BASINS, TYPE 14, > 8' - 12' DEPTH	5.000	EACH
611-14.04	CATCH BASINS, TYPE 14, > 12' - 16' DEPTH	1.000	EACH
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	13.000	EACH
611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	3.000	EACH
611-42.03	CATCH BASINS, TYPE 42, > 8' - 12' DEPTH	2.000	EACH
611-42.04	CATCH BASINS, TYPE 42, > 12' - 16' DEPTH	1.000	EACH
611-43.01	CATCH BASINS, TYPE 43, 0' - 4' DEPTH	1.000	EACH
611-43.02	CATCH BASINS, TYPE 43, > 4' - 8' DEPTH	8.000	EACH
611-44.02	CATCH BASINS, TYPE 44, > 4' - 8' DEPTH	2.000	EACH
620-05	CONCRETE PARAPET WITH STRUCTURAL TUBING	1,064.000	L.F.
621-03.02	18" TEMPORARY DRAINAGE PIPE	100.000	L.F.
621-03.03	24" TEMPORARY DRAINAGE PIPE	153.000	L.F.
621-03.04	30" TEMPORARY DRAINAGE PIPE	48.000	L.F.
621-03.05	36" TEMPORARY DRAINAGE PIPE	120.000	L.F.
621-05.01	TEMPORARY SHORING	6,321.000	S.F.
624-03.01	RETAINING WALL REINFORCING STEEL	163,271.000	LB.

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Item No.	Description	Quantity	Units
701-01.01	CONCRETE SIDEWALK (4 ")	14,270.000	S.F.
701-02	CONCRETE DRIVEWAY	32,179.000	S.F.
701-02.03	CONCRETE CURB RAMP	6,077.000	S.F.
702-01.01	EXTRUDED MOUNTABLE CURB	1,533.000	L.F.
702-03	CONCRETE COMBINED CURB & GUTTER	1,963.863	C.Y.
705-06.01	W BEAM GR (TYPE 2) MASH TL3	1,272.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL3	3.000	EACH
705-06.11	GR TERMINAL (IN-INLINE) MASH TL3	4.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	3.000	EACH
705-06.30	GR TERMINAL (TYPE 21) MASH TL2	2.000	EACH
705-20.25	TEMPORARY CRASH CUSHION (MASH TL-3)	5.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	2,552.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	224.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	401.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	2,211.820	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	62.667	TON
709-05.09	MACHINED RIP-RAP (CLASS C)	495.056	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	26,800.000	L.F.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	1,064.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	1,369.290	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	542.000	EACH
712-04.50	PORTABLE BARRIER RAIL DELINEATOR	68.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	200.000	EACH
712-05.03	WARNING LIGHTS (TYPE C)	100.000	EACH
712-06	SIGNS (CONSTRUCTION)	846.000	S.F.
712-08.03	ARROW BOARD (TYPE C)	6.000	EACH
713-11.01	"U" SECTION STEEL POSTS	802.500	LB.
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	1,013.834	LB.

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Item No.	Description	Quantity	Units
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	267.188	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	136.500	S.F.
713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK	262.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	8.000	EACH
713-16.21	SIGNS (DESCRIPTION) (POST MOUNTED STREET NAME SIGNS)	7.000	EACH
713-16.41	RELOCATE SIGN	(1)	LS
716-01.07	TEMPORARY RAISED PAVEMENT MARKER, YELLOW	330.000	EACH
716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	455.250	EACH
716-01.22	Snwplwble Pvmt Mrkrs (Mono-Dir)(1 Color)	516.749	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	112.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	592.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	78.000	EACH
716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	549.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	1,048.000	L.F.
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	14.000	EACH
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	3.000	EACH
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	4.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	0.597	L.M.
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	3,350.000	L.F.
716-05.05	PAINTED PAVEMENT MARKING (STOP LINE)	1,037.000	L.F.
716-05.06	PAINTED PAVEMENT MARKING (TURN LANE ARROW)	30.000	EACH
716-05.09	PAINTED PAVEMENT MARKING(STRAIGHT-TURN ARROW)	6.000	EACH
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	14.800	L.M.
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	5.000	L.M.

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Item No.	Description	Quantity	Units
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	8.419	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	773.000	L.F.
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	5.825	L.M.
716-13.03	SPRAY THERMO PVMT MRKNG (60 mil) (8IN BARRIER LINE)	170.000	L.F.
717-01	MOBILIZATION	(1)	LS
725-02.79	FIBER SPLICE ENCLOSURE(DESCRIPTION) (SEE PLANS)	2.000	EACH
725-20.75	COMMUNICATION CONNECTION (DESCRIPTION) (RE-SPLICING INTO EX. CITY NETWORK)	(1)	LS
725-20.91	CCTV CAMERA SYSTEM (PAN TILT & ZOOM)	3.000	EACH
725-21.15	NETWORK SWITCH (DESCRIPTION) (CISCO CABINET SWITCH)	3.000	EACH
725-23.24	FIBER OPTIC DROP CABLE (DESCRIPTION) (6 COUNT SMFO GATOR PATCH)	3.000	L.F.
725-23.28	FIBER OPTIC SPLICE FUSION	10.000	EACH
725-23.32	FIBER OPTIC SPLICE MODIFICATION	5.000	EACH
730-01.02	REMOVAL OF SIGNAL EQUIPMENT	2.000	EACH
730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	24.000	EACH
730-02.10	SIGNAL HEAD ASSEMBLY (130 A2)	10.000	EACH
730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	8.000	EACH
730-03.21	INSTALL PULL BOX (TYPE B)	16.000	EACH
730-03.24	INSTALL PULL BOX (FIBER OPTIC-TYPE B)	3.000	EACH
730-05.01	ELECTRICAL SERVICE CONNECTION	4.000	EACH
730-08.01	SIGNAL CABLE - 3 CONDUCTOR	310.000	L.F.
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	1,350.000	L.F.
730-08.03	SIGNAL CABLE - 7 CONDUCTOR	5,135.000	L.F.
730-08.40	INTERCONNECT CABLE - FIBER OPTIC (DESCRIPTION) (48F SMFO OUTSIDE PLANT)	2,100.000	L.F.
730-12.02	CONDUIT 2" DIAMETER (PVC)	14,886.000	L.F.
730-12.03	CONDUIT 3" DIAMETER (PVC)	185.000	L.F.

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Item No.	Description	Quantity	Units
730-12.13	CONDUIT 2" DIAMETER (JACK AND BORE)	2,740.000	L.F.
730-12.14	CONDUIT 3" DIAMETER (JACK AND BORE)	450.000	L.F.
730-13.02	VEHICLE DETECTOR (VIDEO)	10.000	EACH
730-13.06	VEHICLE DETECTOR (OPTICALLY ACTIVATED PRIORITY CONTROL)	3.000	EACH
730-13.07	VEHICLE DETECTOR (SIREN ACTIVATED PRIORITY CONTROL)	10.000	EACH
730-13.08	VEHICLE DETECTOR (DESCRIPTION) (RADAR DETECTION)	4.000	EACH
730-15.32	CABINET (EIGHT PHASE BASE MOUNTED)	4.000	EACH
730-16.02	EIGHT PHASE ACTUATED CONTROLLER	4.000	EACH
730-23.36	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 75')	1.000	EACH
730-23.80	CANTILEVER SIGNAL SUPPORT (1 ARM @ 40')	4.000	EACH
730-23.88	CANTILEVER SIGNAL SUPPORT (1 ARM @ 45')	1.000	EACH
730-23.96	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 60')	2.000	EACH
730-23.97	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 70')	2.000	EACH
730-23.98	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (1 ARM @ 50')	2.000	EACH
730-23.99	CANTILEVER SIGNAL SUPPORT (DESCRIPTION) (2 @ 45' & 50')	1.000	EACH
730-26.11	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN	16.000	EACH
730-35.01	RF DATA SYSTEM (DESCRIPTION) (CELLULAR RADIO FOR FRANKLIN TOC COMMUNICATIONS)	1.000	EACH
730-35.06	BATTERY BACK-UP AND POWER CONDITIONER	3.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	4,729.500	S.Y.
740-10.04	GEOTEXTILE (TYPE IV)(STABILIZATION)	6,045.000	S.Y.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	36,753.000	L.F.
801-01	SEEDING (WITH MULCH)	50.000	UNIT
801-01.07	TEMPORARY SEEDING (WITH MULCH)	10.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	18.000	UNIT

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Item No.	Description	Quantity	Units
801-03	WATER (SEEDING & SODDING)	997.137	M.G.
803-01	SODDING (NEW SOD)	69,496.444	S.Y.
805-01.01	TURF REINFORCEMENT MAT (CLASS I)	1,798.883	S.Y.
805-01.02	TURF REINFORCEMENT MAT (CLASS II)	3,645.061	S.Y.
805-12.01	EROSION CONTROL BLANKET (TYPE I)	2,000.000	S.Y.
806-02.03	PROJECT MOWING	4.000	CYCL
790-03.01	POLE 40FT CLASS 2 WOOD	3.000	EACH
790-03.03	POLE 40FT CLASS 4 WOOD	1.000	EACH
790-04.02	POLE 45FT CLASS 2 WOOD	14.000	EACH
790-05.01	POLE 50FT CLASS 1 WOOD	2.000	EACH
790-05.08	POLE 50FT CLASS H2 METAL	37.000	EACH
790-06.01	POLE 55FT CLASS 1 WOOD	13.000	EACH
790-06.08	POLE 55FT CLASS H2 METAL	15.000	EACH
790-07.01	POLE 60FT CLASS 1 WOOD	1.000	EACH
790-07.09	POLE 60FT CLASS H3 METAL	6.000	EACH
790-08.05	POLE 65FT CLASS H3 METAL	1.000	EACH
790-20.01	POLE(DESCRIPTION) (60FT CLASS H5 METAL)	2.000	EACH
790-22.01	1PH SGL PRIMARY SUPPORT 25KV	3.000	EACH
790-22.10	1PH SUSPENSION ANGLE 25KV	1.000	EACH
790-22.13	1PH DEAD END 25KV	9.000	EACH
790-22.14	1PH DEAD END TAP 25KV	17.000	EACH
790-26.01	3PH CROSSARM 25KV	13.000	EACH
790-26.07	3PH CROSSARM SGL LRG COND ON ST PL 25KV	32.000	EACH
790-26.09	3PH CROSSARM SGL ON ST POLE 25KV	3.000	EACH
790-26.14	3PH CROSSARM DBL 10FT SM ANGLE 25KV	5.000	EACH
790-26.15	3PH XARM DBL 10FT LRG COND SM ANGLE 25KV	1.000	EACH
790-26.16	3PH XARM FBRGLS LRG COND MED ANGLE 25KV	8.000	EACH
790-26.20	3PH VERTICAL ANGLE LRG COND 25KV	4.000	EACH
790-26.22	3PH VERTICAL DDE ANGLE LRG COND 25KV	3.000	EACH
790-26.24	3PH VERTICAL DEAD END LRG COND 25KV	3.000	EACH

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Item No.	Description	Quantity	Units
790-26.25	3PH CROSSARM DDE 25KV	7.000	EACH
790-26.26	3PH CROSSARM DEAD END 25KV	5.000	EACH
790-26.27	3PH CROSSARM DBL DDE 25KV	8.000	EACH
790-26.29	3PH DDE UNBALANCED LOAD 25KV	2.000	EACH
790-30.01	SECONDARY ASSEMBLIES SMALL ANGLE	5.000	EACH
790-30.03	SECONDARY ASSEMBLIES DEADEND	24.000	EACH
790-31.02	SERVICE ASSEMBLY-POLE TYPE	29.000	EACH
790-31.05	SERVICE CONDUCTOR 4 AL DUPLEX	3,327.000	L.F.
790-31.11	SERVICE CONDUCTOR 2 AL TRIPLEX	105.000	L.F.
790-31.12	SERVICE CONDUCTOR 1/0 AL TRIPLEX	1,244.000	L.F.
790-31.20	SERVICE CONDUCTOR 1/0 AL QPLEX	93.000	L.F.
790-32.01	DOWN GUY - THROUGH BOLT TYPE	41.000	EACH
790-32.19	DN GUY HVY CONST - 1 PREFORM	79.000	EACH
790-32.21	OH GUY HVY CONST -THROUGH BOLT TYPE	6.000	EACH
790-32.26	DOWN GUY LIGHT CONSTRUCTION - PREFORM	5.000	EACH
790-32.27	OVERHEAD GUY LIGHT CONSTRUCTION - PREFORM	2.000	EACH
790-32.30	OVERHEAD GUY HEAVY CONSTRUCTION - PREFORM	17.000	EACH
790-32.31	DOUBLE OVERHEAD GUY HEAVY CONSTRUCTION - PREFORM	2.000	EACH
790-33.21	ANCHOR TWIN EYE POWER INSTALLED	63.000	EACH
790-33.25	SCREW TYPE ANCHOR 15,000LB	4.000	EACH
790-33.26	SCREW TYPE ANCHOR 28,000LB	11.000	EACH
790-36.02	TRANSFER CAPACITOR BANK	2.000	EACH
790-36.04	TRANSFER SERVICE	7.000	EACH
790-36.05	TRANSFER SECONDARY	6.000	EACH
790-36.06	TRANSFER LIGHT	8.000	EACH
790-36.14	TRANSFER CONDUCTOR	24.000	EACH
790-40.01	OH COND 4 7/1 ACSR SWANATE	3,904.000	L.F.
790-40.03	OH COND 1/0 6/1 ACSR RAVEN	6,169.000	L.F.

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Item No.	Description	Quantity	Units
790-40.05	OH COND 3/0 6/1 ACSR PIGEON	9,314.000	L.F.
790-40.06	OH COND 4/0 6/1 ACSR PENGUIN	13,287.000	L.F.
790-40.49	OH COND 795 37 AAC ARBUTUS	27,942.000	L.F.
790-40.73	OH PRI COND _____ (2 ACSR SPARROW)	3,276.000	L.F.
790-41.13	UG PRI COND 1/0 AL 25KV	249.000	L.F.
790-41.46	UG SEC COND 1/0 AL TPLX	213.000	L.F.
790-43.27	OUTDOOR TERMINATOR URD 25KV	11.000	EACH
790-43.46	SECONDARY PULLBOX LARGE	4.000	EACH
790-43.47	PRIMARY PULLBOX	3.000	EACH
790-43.50	SECONDARY RISER W/ 2IN CONDUIT	5.000	EACH
790-43.51	SECONDARY RISER W/ 3IN CONDUIT	1.000	EACH
790-43.58	3PH PRIMARY RISER W/ 6IN CONDUIT	7.000	EACH
790-46.01	1PH TRANSFORMER	30.000	EACH
790-49.02	3PH XFMR BNK POLE MTD W/ FUSE/ARRESTERS	2.000	EACH
790-52.04	15KVA 1PH OH XFORMER 7.2KV 120/240	3.000	EACH
790-52.06	25KVA 1PH OH XFORMER 7.2KV 120/240	2.000	EACH
790-59.03	CUTOUT KNIFE SWITCH-SNGL LOADBREAK 25KV	25.000	EACH
790-61.01	1PH FUSE CUTOUT XARM MOUNT 25KV	50.000	EACH
790-61.05	2 - 1PH SECTIONALIZERS OR RECLOSERS 25KV	2.000	EACH
790-61.10	3PH SECTLR OR RECL W/ BYPASS SW 25KV	1.000	EACH
790-65.06	LIGHTNING ARRESTER POLE MTD 18 KV	13.000	EACH
790-65.07	LIGHTNING ARRESTOR 18KV INTERMEDIATE	6.000	EACH
790-68.01	POLE GROUND ROD TYPE	65.000	EACH
790-68.13	SGL PHASE MOUNTING BRACKET - FIBERGLASS	22.000	EACH
790-69.04	FIBERGLASS CROSSARM ASSEMBLY	4.000	EACH
790-69.06	HARDWARE FOR SGL PH CONV TRANS	30.000	EACH
790-69.26	EXTENSION LINK - EPOXY -1FT	1.000	EACH
790-69.27	EXTENSION LINK - EPOXY -4FT	6.000	EACH
790-69.33	DEADEND ASSEMBLY	1.000	EACH

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Item No.	Description	Quantity	Units
790-70.11	STREET LIGHT - HPS (DESCRIPTION) (250 WATT)	37.000	EACH
790-70.20	STREET LIGHT (DESCRIPTION) (PRIVATE LIGHT)	4.000	EACH
790-98.01	REMOVE WIRE	69,485.000	L.F.
790-98.02	REMOVE POLES	78.000	EACH
790-98.03	REMOVE FRAMING/ASSOCIATED APPARATUS	670.000	EACH
791-01.02	2IN STEEL GAS MAIN	750.000	L.F.
791-01.06	8IN STEEL GAS MAIN	12,360.000	L.F.
791-01.22	8IN POWERCRETE CTD HP STL GAS MN-DIR DRILL	1,440.000	L.F.
791-04.19	HDD <2IN STEEL PIPE - UNCONSOLIDATED	2,500.000	L.F.
791-06.31	CONNECT TO 2IN EX. STL MAIN W/ STOPPLE	8.000	EACH
791-06.32	CONNECT TO 4IN EX. STL MAIN W/ STOPPLE	3.000	EACH
791-06.33	CONNECT TO 6IN EX. STL MAIN W/ STOPPLE	1.000	EACH
791-07.09	2IN STEEL GAS VALVE ASSEMBLY	8.000	EACH
791-07.10	4IN STEEL GAS VALVE ASSEMBLY	1.000	EACH
791-07.12	8IN STEEL GAS VALVE ASSEMBLY	2.000	EACH
791-08.12	3/4IN STEEL SERVICE PIPE	4,900.000	L.F.
791-10.01	RETIRE IN PLACE 3/4IN SERV CUT & PLUG	49.000	EACH
791-10.04	RETIRE IN PLACE 2IN SERV CUT & PLUG	8.000	EACH
791-10.05	RETIRE IN PLACE 4IN SERV CUT & PLUG	1.000	EACH
793-01.06	POLE 35FT CLASS 3 WOOD	2.000	EACH
793-01.07	POLE 35FT CLASS 4 WOOD	61.000	EACH
793-01.12	POLE 40FT CLASS 4 WOOD	2.000	EACH
793-01.16	POLE 45FT CLASS 2 WOOD	1.000	EACH
793-01.41	ANCHOR 1IN	25.000	EACH
793-10.02	BURIED CABLE @ 36IN DEPTH	4,465.000	L.F.
793-10.20	EXPOSE EXISTING CABLE/CONDUIT (ALL DEPTHS)	575.000	L.F.
793-11.07	8IN PEDESTAL W/TERMINAL	4.000	EACH
793-11.10	12IN PEDESTAL	8.000	EACH
793-11.19	MARKER POST	13.000	EACH
793-12.01	DIG SPLICE PIT 80 C.F.	9.000	EACH

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Item No.	Description	Quantity	Units
793-13.07	4IN SCHEDULE 40 PVC	1,663.000	L.F.
793-14.10	4IN CORE DRILL INTO MANHOLE	13.000	EACH
793-14.12	1 1/4IN INNERDUCT	1,220.000	L.F.
793-14.13	1 1/2IN INNERDUCT	1,260.000	L.F.
793-16.06	STRAIGHT BORE/SLEEVE 4IN	500.000	L.F.
793-16.21	ADJUST MANHOLE LID	12.000	EACH
793-16.22	GROUND BED	13.000	EACH
793-98.04	REMOVE POLES ALL SIZES	74.000	EACH
793-98.06	REMOVE PEDESTALS	4.000	EACH
795-01.01	4IN DIP RESTRAINED JOINT WATER LINE	20.000	L.F.
795-01.02	4IN DIP SLIP JOINT WATER LINE	20.000	L.F.
795-01.03	6IN DIP RESTRAINED JOINT WATER LINE	270.000	L.F.
795-01.05	8IN DIP RESTRAINED JOINT WATER LINE	2,850.000	L.F.
795-01.06	8IN DIP SLIP JOINT WATER LINE	3,750.000	L.F.
795-01.09	12IN DIP RESTRAINED JOINT WATER LINE	1,800.000	L.F.
795-01.10	12IN DIP SLIP JOINT WATER LINE	4,400.000	L.F.
795-01.15	18IN DIP RESTRAINED JOINT WATER LINE	270.000	L.F.
795-06.04	CONNECT TO 6IN WATER LINE	5.000	EACH
795-06.05	CONNECT TO 8IN WATER LINE	5.000	EACH
795-06.07	CONNECT TO 12IN WATER LINE	7.000	EACH
795-06.10	CONNECT TO 18IN WATER LINE	3.000	EACH
795-06.32	CUT AND CAP 4IN WATERLINE	1.000	EACH
795-06.33	CUT AND CAP 6IN WATERLINE	3.000	EACH
795-06.34	CUT AND CAP 8IN WATERLINE	7.000	EACH
795-06.36	CUT & CAP 10IN WATERLINE	5.000	EACH
795-06.39	CUT AND CAP 16IN WATER LINE	2.000	EACH
795-07.13	12IN X 8IN TAPPING SLEEVE AND VALVE	1.000	EACH
795-07.23	18IN X 12IN TAPPING SLEEVE & VALVE	1.000	EACH
795-08.03	4IN GATE VALVE ASSEMBLY	1.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	21.000	EACH

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Item No.	Description	Quantity	Units
795-08.05	8IN GATE VALVE ASSEMBLY	28.000	EACH
795-08.09	12IN GATE VALVE ASSEMBLY	11.000	EACH
795-09.01	3/4IN WATER SERVICE METER ASSEMBLY	32.000	EACH
795-09.02	1IN WATER SERVICE METER ASSEMBLY	1.000	EACH
795-09.04	2IN WATER SERVICE METER ASSEMBLY	1.000	EACH
795-09.07	6IN WATER SERVICE METER ASSEMBLY	2.000	EACH
795-09.08	8IN WATER SERVICE METER ASSEMBLY	1.000	EACH
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	9.000	EACH
795-09.27	TI OF 2IN PVC CASING FOR SERVICE PIPE-ROCK	1,600.000	L.F.
795-09.28	3/4IN COPPER SERVICE PIPE	2,175.000	L.F.
795-09.29	1IN COPPER SERVICE PIPE	250.000	L.F.
795-09.31	2IN TYPE "K" COPPER WATER LINE	175.000	L.F.
795-10.03	1IN AUTO AIR RELEASE VALVE ASSEMBLY	4.000	EACH
795-10.05	2IN AUTO AIR RELEASE VALVE ASSEMBLY	3.000	EACH
795-11.02	FIRE HYDRANT ASSEMBLY	18.000	EACH
795-12.01	REMOVE FIRE HYDRANT	7.000	EACH
795-12.03	PIPE GROUTING	(1)	LS
795-12.04	REMOVE EX BACKFLOW APPARATUS	(1)	LS
795-12.26	REMOVE 6IN METER ASSEMBLY	1.000	EACH
795-13.01	DI FITTINGS	28,100.000	LB.
795-13.05	CREEK CROSSING (#) (1)	(1)	LS
795-13.06	CREEK CROSSING (#) (2)	(1)	LS
795-14.05	CONCRETE ENCASEMENT	50.000	L.F.
795-14.08	RESTORE ASPHALT	100.000	S.Y.
795-15.07	24IN STEEL CASING PIPE OPEN CUT METHOD	80.000	L.F.
795-15.11	36IN STEEL CASING PIPE OPEN CUT METHOD	100.000	L.F.
795-15.25	16IN STEEL CASING PIPE OPEN CUT METHOD	1,030.000	L.F.
795-16.36	6IN BACKFLOW PREVENTER ASSEMBLY	1.000	EACH
797-03.08	6IN PVC FORCE MAIN	8,550.000	L.F.
797-05.02	8IN DIP GRAVITY SEWER 6FT-12FT DEPTH	1,380.000	L.F.

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Item No.	Description	Quantity	Units
797-05.03	8IN DIP GRAVITY SEWER 12FT-18FT DEPTH	3,400.000	L.F.
797-05.51	8IN PVC GRAVITY SEWER 0FT-6FT DEPTH	100.000	L.F.
797-05.52	8IN PVC GRAVITY SEWER 6FT-12FT DEPTH	1,220.000	L.F.
797-06.87	OPEN CUT 8IN STEEL CASING PIPE	220.000	L.F.
797-06.89	OPEN CUT 12IN STEEL CASING PIPE	380.000	L.F.
797-06.90	OPEN CUT 16IN STEEL CASING PIPE	460.000	L.F.
797-06.92	OPEN CUT 20IN STEEL CASING PIPE	105.000	L.F.
797-07.03	48IN MANHOLE 6FT-8FT DEPTH	4.000	EACH
797-07.04	48IN MANHOLE 8FT-10FT DEPTH	4.000	EACH
797-07.05	48IN MANHOLE 10FT-12FT DEPTH	7.000	EACH
797-07.17	60IN MANHOLE 12FT-14FT DEPTH	6.000	EACH
797-07.18	60IN MANHOLE 14FT-16FT DEPTH	5.000	EACH
797-07.19	60IN MANHOLE 16FT-20FT DEPTH	1.000	EACH
797-07.56	MANHOLE DROP CONNECTION ASSEMBLY	4.000	EACH
797-07.80	REMOVE SEWER MANHOLE	3.000	EACH
797-08.01	DI FITTINGS	4,000.000	LB.
797-08.05	6IN PVC PIPE FOR SERVICE LATERAL	300.000	L.F.
797-08.08	6IN CLEAN OUT ASSEMBLY	9.000	EACH
797-09.07	6IN PLUG VALVE ASSEMBLY	2.000	EACH
797-09.26	2IN AIR/VAC VALVE ASSEMBLY	4.000	EACH
797-10.06	CONNECT 6IN LATERAL TO SEWER LINE	6.000	EACH
797-10.09	CONNECT EX. 8IN SEWER TO NEW MANHOLE	12.000	EACH
797-10.17	CONNECT TO 6IN FORCE MAIN	2.000	EACH
797-11.25	RETIREIN PLACE 48IN MANHOLE	21.000	EACH
797-11.30	RETIREIN PLACE EXISTING SEWER <8IN	5,550.000	L.F.
797-11.38	BY-PASS PUMPING	(1)	LS
797-11.39	TV INSPECTION	6,100.000	L.F.
797-11.40	RESTORE ASPHALT	1,615.000	S.Y.
797-11.45	PIPE CHECK DAM	10.000	C.Y.
797-11.46	CONCRETE CAP	5.000	C.Y.

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Item No.	Description	Quantity	Units
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	625.000	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	250.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	18.000	TON
411-01.10	ACS MIX(PG64-22) GRADING D	2,760.000	TON
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	3.700	L.M.
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	2,734.000	TON
611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	2.000	EACH
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	5.000	EACH
705-04.05	GUARDRAIL TERMINAL (TYPE-IN-LINE)	1.000	EACH
705-06.01	W BEAM GR (TYPE 2) MASH TL3	50.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL3	1.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	5.000	EACH
706-01	GUARDRAIL REMOVED	375.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	25.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	4.000	EACH
712-06	SIGNS (CONSTRUCTION)	576.000	S.F.
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	2.000	EACH
713-16.09	RAILROAD ADVANCE WARNING SIGN AND SUPPORT	2.000	EACH
716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	166.000	EACH
716-01.22	Snwplwble Pvmt Mrkrs (Mono-Dir)(1 Color)	10.000	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	350.000	L.F.
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	90.000	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	84.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	2.000	EACH
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	1.000	EACH

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Item No.	Description	Quantity	Units
716-03.02	PLASTIC WORD PAVEMENT MARKING (RXR)	2.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	9.800	L.M.
716-10.30	TRUNCATED DOME DETECTABLE WARNING MAT	8.000	S.F.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	5.000	L.M.
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	4.800	L.M.
717-01	MOBILIZATION	(1)	LS
730-14.02	SAW SLOT	1,600.000	L.F.
730-14.03	LOOP WIRE	3,500.000	L.F.

