

County : Mcdowell

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0001000000-E	200	CLEARING & GRUBBING .. ACRE(S)	Lump Sum	L.S.	
0003	0008000000-E	200	SUPPLEMENTARY CLEARING & GRUB- BING	1 ACR		
0004	0022000000-E	225	UNCLASSIFIED EXCAVATION	58,800 CY		
0005	0036000000-E	225	UNDERCUT EXCAVATION	2,500 CY		
0006	0134000000-E	240	DRAINAGE DITCH EXCAVATION	1,355 CY		
0007	0141000000-E	240	BERM DITCH CONSTRUCTION	1,000 LF		
0008	0156000000-E	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	4,030 SY		
0009	0177000000-E	250	BREAKING OF EXISTING ASPHALT PAVEMENT	410 SY		
0010	0199000000-E	SP	TEMPORARY SHORING	1,320 SF		
0011	0241000000-E	SP	GENERIC GRADING ITEM ROCK PLATING	175 SY		
0012	0318000000-E	300	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	1,370 TON		
0013	0343000000-E	310	15" SIDE DRAIN PIPE	60 LF		
0014	0344000000-E	310	18" SIDE DRAIN PIPE	172 LF		
0015	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	137 LF		
0016	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	68 LF		
0017	0453000000-E	310	*** PIPE END SECTION (18")	2 EA		
0018	0708000000-E	310	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	356 LF		

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0019	0714000000-E	310	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	108 LF		
0020	0720000000-E	310	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	56 LF		
0021	0738000000-E	310	42" BIT COAT CS PIPE CULVERTS, TYPE B 0.109" THICK	16 LF		
0022	0744000000-E	310	48" BIT COAT CS PIPE CULVERTS, TYPE B 0.109" THICK	20 LF		
0023	0806000000-E	310	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	16 EA		
0024	0807000000-E	310	18" BIT COAT CS PIPE ELBOWS, T YPE B 0.064" THICK	4 EA		
0025	0808000000-E	310	24" BIT COAT CS PIPE ELBOWS, T YPE B 0.064" THICK	6 EA		
0026	0995000000-E	340	PIPE REMOVAL	1,166 LF		
0027	1011000000-N	500	FINE GRADING	Lump Sum	L.S.	
0028	1121000000-E	520	AGGREGATE BASE COURSE	450 TON		
0029	1220000000-E	545	INCIDENTAL STONE BASE	500 TON		
0030	1231000000-E	560	SHOULDER BORROW	1,420 CY		
0031	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	340 SY		
0032	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	7,220 TON		
0033	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	8,870 TON		
0034	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	4,320 TON		
0035	1560000000-E	620	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	740 TON		

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0036	1565000000-E	620	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	270 TON		
0037	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	205 TON		
0038	2000000000-N	806	RIGHT OF WAY MARKERS	95 EA		
0039	2022000000-E	815	SUBDRAIN EXCAVATION	56 CY		
0040	2033000000-E	815	SUBDRAIN FINE AGGREGATE	42 CY		
0041	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	250 LF		
0042	2055000000-E	815	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	9 EA		
0043	2066000000-N	815	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	1 EA		
0044	2077000000-E	815	6" OUTLET PIPE (SUBDRAINS)	6 LF		
0045	2209000000-E	838	ENDWALLS	8.7 CY		
0046	2253000000-E	840	PIPE COLLARS	4.13 CY		
0047	2275000000-E	SP	FLOWABLE FILL	20 CY		
0048	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	57 EA		
0049	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	52 LF		
0050	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	4 EA		
0051	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	3 EA		
0052	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	4 EA		
0053	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	18 EA		

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0054	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	18 EA		
0055	2396000000-N	840	FRAME WITH COVER, STD 840.54	7 EA		
0056	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	14,410 LF		
0057	2591000000-E	848	4" CONCRETE SIDEWALK	15 SY		
0058	2612000000-E	848	6" CONCRETE DRIVEWAY	440 SY		
0059	2619000000-E	850	4" CONCRETE PAVED DITCH	33 SY		
0060	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	20 SY		
0061	2724000000-E	857	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	77 LF		
0062	2830000000-N	858	ADJUSTMENT OF MANHOLES	3 EA		
0063	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	7 EA		
0064	2938000000-N	SP	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER	3 EA		
0065	3030000000-E	862	STEEL BM GUARDRAIL	4,600 LF		
0066	3045000000-E	862	STEEL BM GUARDRAIL, SHOP CURVED	212.5 LF		
0067	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	10 EA		
0068	3180000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	4 EA		
0069	3195000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE AT-1	3 EA		
0070	3210000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	4 EA		

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0071	3270000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE 350	13 EA		
0072	3345000000-E	864	REMOVE & RESET EXISTING GUARDRAIL	238 LF		
0073	3360000000-E	863	REMOVE EXISTING GUARDRAIL	4,545 LF		
0074	3628000000-E	876	RIP RAP, CLASS I	30 TON		
0075	3635000000-E	876	RIP RAP, CLASS II	30 TON		
0076	3649000000-E	876	RIP RAP, CLASS B	680 TON		
0077	3656000000-E	876	FILTER FABRIC FOR DRAINAGE	3,000 SY		
0078	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	572 SF		
0079	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	224 SF		
0080	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	25 SF		
0081	4420000000-N	1120	CHANGEABLE MESSAGE SIGN	4 EA		
0082	4430000000-N	1130	DRUMS	150 EA		
0083	4435000000-N	1135	CONES	150 EA		
0084	4445000000-E	1145	BARRICADES (TYPE III)	144 LF		
0085	4450000000-N	1150	FLAGGER	1,920 HR		
0086	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	2 EA		
0087	4480000000-N	1165	TMIA	2 EA		
0088	4485000000-E	1170	PORTABLE CONCRETE BARRIER	170 LF		
0089	4510000000-N	SP	POLICE	160 HR		
0090	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	312 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0091	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	4,250 LF		
0092	4686000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	39,554 LF		
0093	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	300 LF		
0094	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	200 LF		
0095	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	8 EA		
0096	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	73 EA		
0097	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	91,988 LF		
0098	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	600 LF		
0099	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	400 LF		
0100	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	8 EA		
0101	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	138 EA		
0102	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	3,230 LF		
0103	4875000000-N	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	6 EA		
0104	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	366 EA		
0105	4945000000-N	1267	FLEXIBLE DELINEATORS (CRYSTAL & RED)	30 EA		
0106	4950000000-N	1267	FLEXIBLE DELINEATORS (YELLOW & RED)	30 EA		
0107	5319000000-E	1505	CLASS B CONCRETE FOR ENCASING UTILITY LINES	2 CY		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0108	5326000000-E	1510	10" WATER LINE	6 LF		
0109	5326200000-E	1510	12" WATER LINE	3,600 LF		
0110	5558000000-E	1515	12" VALVE	3 EA		
0111	5648000000-N	1515	RELOCATE WATER METER	4 EA		
0112	5649000000-N	1515	RECONNECT WATER METER	1 EA		
0113	5666000000-E	1515	FIRE HYDRANT	1 EA		
0114	5672000000-N	1515	RELOCATE FIRE HYDRANT	6 EA		
0115	5691300000-E	1520	8" SANITARY GRAVITY SEWER	422 LF		
0116	5691500000-E	1520	12" SANITARY GRAVITY SEWER	106 LF		
0117	5692000000-E	1520	30" SANITARY GRAVITY SEWER	787 LF		
0118	5709300000-E	1520	6" FORCE MAIN SEWER	2,868 LF		
0119	5768000000-N	1520	SANITARY SEWER CLEAN-OUT	6 EA		
0120	5776000000-E	1525	5' DIA UTILITY MANHOLE	12 EA		
0121	5782000000-E	1525	UTILITY MANHOLE WALL, 5' DIA	19 LF		
0122	5798000000-E	1530	ABANDON *** UTILITY PIPE (15")	1,871 LF		
0123	5800000000-E	1530	ABANDON 6" UTILITY PIPE	2,913 LF		
0124	5802000000-E	1530	ABANDON 10" UTILITY PIPE	1,871 LF		
0125	5804000000-E	1530	ABANDON 12" UTILITY PIPE	3,346 LF		
0126	5814000000-E	1530	ABANDON 30" UTILITY PIPE	796 LF		
0127	5816000000-N	1530	ABANDON UTILITY MANHOLE	15 EA		
0128	5828000000-N	1530	REMOVE UTILITY MANHOLE	1 EA		

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0129	5836000000-E	1540	24" ENCASEMENT PIPE	57 LF		
0130	5836200000-E	1540	30" ENCASEMENT PIPE	57 LF		
0131	5872200000-E	1550	TRENCHLESS INSTALLATION OF 24" IN SOIL	57 LF		
0132	5872300000-E	1550	TRENCHLESS INSTALLATION OF 30" IN SOIL	57 LF		
0133	6000000000-E	1605	TEMPORARY SILT FENCE	8,050 LF		
0134	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	400 TON		
0135	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	3,520 TON		
0136	6012000000-E	1610	SEDIMENT CONTROL STONE	2,135 TON		
0137	6015000000-E	1615	TEMPORARY MULCHING	14 ACR		
0138	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	550 LB		
0139	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	2 TON		
0140	6024000000-E	1622	TEMPORARY SLOPE DRAINS	650 LF		
0141	6027000000-N	1622	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	15 EA		
0142	6029000000-E	SP	SAFETY FENCE	200 LF		
0143	6030000000-E	1630	SILT EXCAVATION	16,190 CY		
0144	6036000000-E	1631	MATTING FOR EROSION CONTROL	7,090 SY		
0145	6038000000-E	SP	PERMANENT SOIL REINFORCEMENT MAT	355 SY		
0146	6042000000-E	1632	1/4" HARDWARE CLOTH	2,525 LF		
0147	6045000000-E	SP	*** TEMPORARY PIPE (24")	160 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0148	6070000000-N	SP	SPECIAL STILLING BASINS	8	EA	
0149	6084000000-E	1660	SEEDING & MULCHING	13	ACR	
0150	6087000000-E	1660	MOWING	8.5	ACR	
0151	6090000000-E	1661	SEED FOR REPAIR SEEDING	200	LB	
0152	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.5	TON	
0153	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	325	LB	
0154	6108000000-E	1665	FERTILIZER TOPDRESSING	9.75	TON	
0155	6111000000-E	SP	IMPERVIOUS DIKE	67	LF	
0156	6114000000-N	SP	SPECIALIZED HAND MOWING	8.5	HR	
0157	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	32	EA	
0158	8126000000-N	414	CULVERT EXCAVATION, STA ***** (34+27.24 -L-)	Lump Sum	L.S.	
0159	8133000000-E	414	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	126	TON	
0160	8196000000-E	420	CLASS A CONCRETE (CULVERT)	229.5	CY	
0161	8245000000-E	425	REINFORCING STEEL (CULVERT)	37,103	LB	
0162	8436000000-E	453	GRAVITY RETAINING WALLS	370	SF	

***** BEGIN SCHEDULE AA *****
 ***** (3 ALTERNATES) *****

0163 AA1	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	2,324	LF	
0164 AA1	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	800	LF	
0165 AA1	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	860	LF	

*** OR ***

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0166 AA2	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	2,112 LF		
0167 AA2	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	640 LF		
0168 AA2	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	600 LF		
0169 AA2	0536000000-E	SP	**** HDPE PIPE CULVERTS (15")	212 LF		
0170 AA2	0536000000-E	SP	**** HDPE PIPE CULVERTS (18")	160 LF		
0171 AA2	0536000000-E	SP	**** HDPE PIPE CULVERTS (24")	260 LF		
*** OR ***						
0172 AA3	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	2,112 LF		
0173 AA3	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	640 LF		
0174 AA3	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	600 LF		
0175 AA3	0540000000-E	SP	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")	212 LF		
0176 AA3	0540000000-E	SP	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")	160 LF		
0177 AA3	0540000000-E	SP	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")	260 LF		
***** END SCHEDULE AA *****						

Contract No: C 201781

County: McDowell

ACCEPTED BY THE
DEPARTMENT OF TRANSPORTATION

Contract Officer

Date

Execution of Contract and Bonds
Approved as to Form:

Attorney General