







PROJECT NO.	SHEET NO.	TOTAL NO.
HI-0010	14	

### SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	0000400000-N	0000700000-N	0036000000-E	0106000000-E	0134000000-E	0318000000-E	0320000000-E	0448200000-E	0448300000-E	0448400000-E	0995000000-E	1004500000-E	1099500000-E	1099700000-E	1121000000-E	1220000000-E	
												CONSTRUCTION SURVEYING	FIELD OFFICE	UNDERCUT EXCAVATION	BORROW	DRAINAGE DITCH EXCAVATION	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	FOUNDATION CONDITIONING GEOTEXTILE	15" RC PIPE CULVERTS, CLASS IV	18" RC PIPE CULVERTS, CLASS IV	24" RC PIPE CULVERTS, CLASS IV	PIPE REMOVAL	GEOTEXTILE FOR SUBGRADE STABILIZATION	SHALLOW UNDERCUT	CLASS IV SUBGRADE STABILIZATION	AGGREGATE BASE COURSE	INCIDENTAL STONE BASE	
											MI	FT	LS	LS	CY	CY	CY	TON	SY	LF	LF	LF	LF	SY	CY	TON	TONS	TONS
49909.3.1	McDowell	1	I-40 E	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3	MD	NO	NO	5.94	36	0.50	0.50	280	200	130	215	670	1,984	6	8	56	670	155	200	180	510	
TOTAL FOR MAP NO. 1											5.94		0.50	0.50	280	200	130	215	670	1,984	6	8	56	670	155	200	180	510
49909.3.1	McDowell	2	I-40 W	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3	MD	NO	NO	5.94	36	0.50	0.50	280	200	130	215	670	1,984	6	8	56	670	155	200	180	510	
TOTAL FOR MAP NO. 2											5.94		0.50	0.50	280	200	130	215	670	1,984	6	8	56	670	155	200	180	510
TOTAL FOR PROJ NO. 49909.3.1											11.88		1.00	1.00	560	400	260	430	1,340	3,968	12	16	112	1,340	310	400	360	1,020
GRAND TOTAL											11.88		1.00	1.00	560	400	260	430	1,340	3,968	12	16	112.0	1,340	310	400	360	1,020

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	1245000000-E	1260000000-E	1297000000-E		1330000000-E	1503000000-E	1524200000-E	1575000000-E	1577000000-E	1693000000-E	1704000000-E	1839140000-E	1840000000-E	2253000000-E	2286000000-E	2308000000-E	
												SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	0.5" MILLING	3" MILLING	INCIDENTAL MILLING	INTERMEDIATE COURSE, 119.0C	SURFACE COURSE, S9.5D	ASPHALT BINDER FOR PLANT MIX	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	ASPHALT PLANT MIX, PAVEMENT REPAIR	PATCHING EXISTING PAVEMENT	ULTRA-THIN BONDED WEARING COURSE	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)	PIPE COLLARS	MASONRY DRAINAGE STRUCTURES	MASONRY DRAINAGE STRUCTURES	
											MI	FT	SMI	TON	SY	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	TON	LF	CY	EA	LF
49909.3.1	McDowell	1	I-40 E	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3	MD	NO	NO	5.94	36	0.50	200	67,470	37,000	2,265	30	6,040	76	600	80	1,550	4,925	5,400	3.54	22	2	
TOTAL FOR MAP NO. 1											5.94		0.50	200	67,470	37,000	2,265	30	6,040	76	600	80	1,550	4,925	5,400	3.54	22	2
49909.3.1	McDowell	2	I-40 W	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3	MD	NO	NO	5.94	36	0.50	200	67,470	37,000	2,265	30	6,040	76	594	100	1,550	4,805	5,400	2.80	28	3	
TOTAL FOR MAP NO. 2											5.94		0.50	200	67,470	37,000	2,265	30	6,040	76	594	100	1,550	4,805	5,400	2.80	28	3
TOTAL FOR PROJ NO. 49909.3.1											11.88		1.00	400	134,940	74,000	4,530	60	12,080	152	1,194	180	3,100	9,730	10,800	6.34	50	5
GRAND TOTAL											11.88		1.00	400	134,940	74,000	4,530	60	12,080	152	1,194	180	3,100	9,730	10,800	6.34	50	5

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	2407000000-N	2473000000-N		2489000000-E	2703000000-E	2710000000-N	2752000000-E	2815000000-N	2830000000-N	2845000000-N	2905000000-N	3001000000-N	3030000000-E	3150000000-N	3195000000-N	3210000000-N	
												STEEL FRAME WITH TWO GRATES, STD 840.37	DRAINAGE STRUCTURE CLEANOUT	REMOVE AND REPLACE CONCRETE APRON	REMOVE AND REPLACE 4" CONCRETE PAVED DITCH	CONCRETE BARRIER, TYPE (SINGLE SLOPE DOUBLE FACED)	CONCRETE BARRIER TRANSITION SECTION	EXISTING BARRIER WALL REMOVAL	ADJ. OF DROP INLET	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	CONVERT EXISTING DROP INLET TO JUNCTION BOX	IMPACT ATTENUATOR UNITS, TYPE TL-3	STEEL BEAM GUARDRAIL	ADDITIONAL GUARDRAIL POSTS	GUARDRAIL END UNITS, TYPE AT-1	GUARDRAIL END UNITS, TYPE CAT-1	
											MI	FT	EA	EA	EA	SY	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	
49909.3.1	McDowell	1	I-40 E	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3	MD	NO	NO	5.94	36	22	30	2	242	10,715	5	10,715	5	1	1	2	3	100	5	1	4	
TOTAL FOR MAP NO. 1											5.94		22	30	2	242	10,715	5	10,715	5	1	1	2	3	100	5	1	4
49909.3.1	McDowell	2	I-40 W	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3	MD	NO	NO	5.94	36	28	30	3	243	10,715	4	10,715	5	2	2	2	3	100	5	1	4	
TOTAL FOR MAP NO. 2											5.94		28	30	3	243	10,715	4	10,715	5	2	2	2	3	100	5	1	4
TOTAL FOR PROJ NO. 49909.3.1											11.88		50	60	5	485	21,430	9	21,430	10	3	3	4	6	200	10	2	8
GRAND TOTAL											11.88		50	60	5	485	21,430	9	21,430	10	3	3	4	6	200	10	2	8

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**SUMMARY OF QUANTITIES (Cont.)**

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	3215000000-N	3360000000-E	3435000000-N	3649000000-E	3656000000-E	4079000000-N	4116100000-N	4600000000-N	4650000000-N	5255000000-N	6000000000-E	6009000000-E	6012000000-E	6015000000-E	6018000000-E	6021000000-E	
												GUARDRAIL ANCHOR UNITS, TYPE III	REMOVE EXISTING GUARDRAIL	REMOVE AND RESET MEDIAN BARRIER REMOVABLE GATE	RIP RAP CLASS B	GEOTEXTILE FOR DRAINAGE	SUPPORTS, BARRIER (SMALL)	SIGN ERECTION, RELOCATE TYPE TYPE E (GROUND MOUNTED)	CONNECTED LANE CLOSURE SYSTEM	TEMPORARY RAISED PAVEMENT MARKERS	PORTABLE LIGHTING	TEMPORARY SILT FENCE	STONE FOR EROSION CONTROL, CLASS B	SEDIMENT CONTROL STONE	TEMPORARY MULCHING	SEED FOR TEMPORARY SEEDING	FERTILIZER FOR TEMPORARY SEEDING	
											MI	FT	EA	LF	EA	TON	SY	EA	EA	EA	EA	LS	LF	TON	TON	ACR	LB	TON
49909.3.1	McDowell	1	I-40 E	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3	MD	NO	NO	5.94	36	8	50	2	200	2,000	4	4	1	400	0.50	110	40	50	1	25	1	
<b>TOTAL FOR MAP NO. 1</b>											5.94	36	8	50	2	200	2,000	4	4	1	400	0.50	110	40	50	1	25	1
49909.3.1	McDowell	2	I-40 W	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3	MD	NO	NO	5.94	36	7	50	1	200	2,000	3	4	1	400	0.50	110	40	50	1	25	1	
<b>TOTAL FOR MAP NO. 2</b>											5.94	36	7	50	1	200	2,000	3	4	1	400	0.50	110	40	50	1	25	1
<b>TOTAL FOR PROJ NO. 49909.3.1</b>											11.88	72	15	100	3	400	4,000	7	8	2	800	1.00	220	80	100	2	50	1
<b>GRAND TOTAL</b>											11.88	72	15	100	3	400	4,000	7	8	2	800	1.00	220	80	100	2	50	1

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	6029000000-E	6030000000-E	6036000000-E	6038000000-E	6042000000-E	6071010000-E	6071012000-E	6071020000-E	6084000000-E	6087000000-E	6090000000-E	6093000000-E	6096000000-E	6108000000-E	6114500000-N	
												SAFETY FENCE	SILT EXCAVATION	MATTING FOR EROSION CONTROL	PERMANENT SOIL REINFORCEMENT MAT	1/4" HARDWARE CLOTH	WATTLE	COIR FIBER WATTLE	POLYACRYLAMIDE (PAM)	SEED & MULCHING	MOWING	SEED FOR REPAIR SEEDING	FERTILIZER FOR REPAIR SEEDING	SEED FOR SUPPLEMENTAL SEEDING	FERTILIZER TOPDRESSING	SPECIALIZED HAND MOWING	
											LF	CY	SY	SY	LF	LF	LF	LB	AC	ACR	LB	TON	LB	TON	MHR		
49909.3.1	McDowell	1	I-40 E	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3	MD	NO	NO	5.94	36	200	60	70	60	50	340	50	24	0.50	0.50	100	0.50	100	1	30	
<b>TOTAL FOR MAP NO. 1</b>											5.94	36	200	60	70	60	50	340	50	24	0.50	0.50	100	0.50	100	1	30
49909.3.1	McDowell	2	I-40 W	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3	MD	NO	NO	5.94	36	200	60	70	60	50	340	50	24	0.50	0.50	100	0.50	100	1	30	
<b>TOTAL FOR MAP NO. 2</b>											5.94	36	200	60	70	60	50	340	50	24	0.50	0.50	100	0.50	100	1	30
<b>TOTAL FOR PROJ NO. 49909.3.1</b>											11.88	72	400	120	140	120	100	680	100	48	1.00	1.00	200	1.00	200	2	60
<b>GRAND TOTAL</b>											11.88	72	400	120	140	120	100	680	100	48	1.00	1.00	200	1.00	200	2	60

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	6114800000-N	6114900000-E	6117000000-N	6117500000-N	6132000000-N	6132000000-N	
												MANUAL LITTER REMOVAL	LITTER DISPOSAL	RESPONSE FOR EROSION CONTROL	CONCRETE WASHOUT STRUCTURE	FABRIC INSERT INLET PROTECTION DEVICE	FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT	
											MI	FT	MHR	TON	EA	EA	EA	EA
49909.3.1	McDowell	1	I-40 E	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3	MD	NO	NO	5.94	36	50	2	11	2	22	66	
<b>TOTAL FOR MAP NO. 1</b>											5.94	36	50	2	11	2	22	66
49909.3.1	McDowell	2	I-40 W	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3	MD	NO	NO	5.94	36	50	2	11	2	28	84	
<b>TOTAL FOR MAP NO. 2</b>											5.94	36	50	2	11	2	28	84
<b>TOTAL FOR PROJ NO. 49909.3.1</b>											11.88	72	100	3	22	4	50	150
<b>GRAND TOTAL</b>											11.88	72	100	3	22	4	50	150

### THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4400000000-E	4405000000-E	4415000000-N	4420000000-N	4422000000-N	4423000000-N	4424000000-N	4430000000-N	4434000000-N	4465000000-N	4470000000-N	4480000000-N	4485000000-E	4500000000-E	4510000000-N	4688000000-E		4700000000-E	4725000000-E	4775000000-E		4815000000-E		4825000000-E	4845000000-N	4855000000-E	4905100000-N	
										STATIONARY WORK ZONE SIGN	PORTABLE WORK ZONE SIGN	FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE SIGN	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	WORK ZONE DIGITAL SPEED LIMIT SIGNS	WORK ZONE PRESENCE LIGHTING	DRUMS	SEQUENTIAL FLASHING WARNING LIGHTS	TEMPORARY CRASH CUSHIONS	REMOVE & RESET TEMPORARY CRASH CUSHION	TMA	PORTABLE CONCRETE BARRIER	REMOVE AND RESET PORTABLE CONCRETE BARRIER	LAW ENFORCEMENT	6" X 90 M YELLOW THERMO	6" X 90 M WHITE THERMO	12" X 90 M WHITE THERMO	THERMO MERGE ARROW 90 M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE II (6")	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE IV (6")	6" YELLOW PAINT	6" WHITE PAINT	12" WHITE PAINT	PAINT MERGE ARROW	REMOVAL OF PAVEMENT MARKING LINES (6")	NON-CAST IRON SNOWPLOW-ABLE PAVEMENT MARKER	
									MI	FT	SF	SF	EA	EA	DAY	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
49909.3.1	McDowell	1	I-40 E	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3	MD	5.94	36	440	192	2	3	7	5	7	125	12	1	9	1	6,000	32,500	1,264	31,363	47,571	2,850	8	390	1,000	88,625	65,738	3,300	6	8,750	4,416	
<b>TOTAL FOR MAP NO. 1</b>									<b>5.94</b>		<b>440</b>	<b>192</b>	<b>2</b>	<b>3</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>125</b>	<b>12</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>6,000</b>	<b>32,500</b>	<b>1,264</b>	<b>31,363</b>	<b>47,571</b>	<b>2,850</b>	<b>8</b>	<b>390</b>	<b>1,000</b>	<b>88,625</b>	<b>65,738</b>	<b>3,300</b>	<b>6</b>	<b>8,750</b>	<b>4,416</b>
49909.3.1	McDowell	2	I-40 W	FROM MILE MARKER 67 TO MILE MARKER 73 (OLD FORT MOUNTAIN)	1 & 2	3		5.94	36	440	192	2	3	7	5	7	125	12	1	9	1	6,000	32,500	1,264	31,363	46,651	2,550	4	390	1,000	88,625	65,762	2,700	4	8,750	4,416	
<b>TOTAL FOR MAP NO. 2</b>									<b>5.94</b>		<b>440</b>	<b>192</b>	<b>2</b>	<b>3</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>125</b>	<b>12</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>6,000</b>	<b>32,500</b>	<b>1,264</b>	<b>31,363</b>	<b>46,651</b>	<b>2,550</b>	<b>4</b>	<b>390</b>	<b>1,000</b>	<b>88,625</b>	<b>65,762</b>	<b>2,700</b>	<b>4</b>	<b>8,750</b>	<b>4,416</b>
<b>TOTAL FOR PROJ NO. 49909.3.1</b>									<b>11.88</b>		<b>880</b>	<b>384</b>	<b>4</b>	<b>6</b>	<b>14</b>	<b>10</b>	<b>14</b>	<b>250</b>	<b>24</b>	<b>2</b>	<b>18</b>	<b>2</b>	<b>12,000</b>	<b>65,000</b>	<b>2,528</b>	<b>62,726</b>	<b>94,222</b>	<b>5,400</b>	<b>12</b>	<b>780</b>	<b>2,000</b>	<b>177,250</b>	<b>131,500</b>	<b>6,000</b>	<b>10</b>	<b>17,500</b>	<b>8,832</b>
<b>GRAND TOTAL</b>									<b>11.88</b>		<b>880</b>	<b>384</b>	<b>4</b>	<b>6</b>	<b>14</b>	<b>10</b>	<b>14</b>	<b>250</b>	<b>24</b>	<b>2</b>	<b>18</b>	<b>2</b>	<b>12,000</b>	<b>65,000</b>	<b>2,528</b>	<b>62,726</b>	<b>94,222</b>	<b>5,400</b>	<b>12</b>	<b>780</b>	<b>2,000</b>	<b>177,250</b>	<b>131,500</b>	<b>6,000</b>	<b>10</b>	<b>17,500</b>	<b>8,832</b>