

**INCIDENTAL HOT-MIX ASPHALT**

LOCATION		THICKNESS	40800050 INCIDENTAL HMA SURFACE	40800010 BITUMINOUS MATERIALS (PRIME COAT)
O/S	STA	INCH	TON	GALLON
LT	373+50.0	2.0	1.9	1.7
RT	376+00.0	4.0	127.1	56.7
LT	384+21.9	2.0	1.9	1.7
TOTAL			130.9	60.1
USE			131.0	61.0

**PAVEMENT AND SHOULDER REMOVAL**

LOCATION		44000100 PAVEMENT REMOVAL	44004250 PAVED SHOULDER REMOVAL
*STA	TO *STA	SQ YD	SQ YD
360+00.0	TO 395+00.0	8577.0	1167.0

**48100200 AGGREGATE SHOULDERS, TYPE B**

O/S	STA	TO	STA	TON
LT	360+00.0	TO	361+66.0	29.7
LT	361+66.0	TO	366+77.0	68.22
LT	366+77.0	TO	373+26.0	115.92
LT	373+75.0	TO	383+98.0	182.7
LT	384+46.0	TO	386+73.0	40.5
LT	386+73.0	TO	389+63.7	38.7
LT	390+79.2	TO	392+29.0	19.98
LT	392+29.0	TO	395+00.0	48.42
RT	360+00.0	TO	361+00.0	9
RT	361+00.0	TO	361+20.0	3.6
RT	361+20.0	TO	365+60.0	58.68
RT	365+60.0	TO	375+45.0	17.46
RT	376+86.0	TO	384+85.0	142.74
RT	384+85.0	TO	389+63.7	63.9
RT	390+79.2	TO	390+99.0	2.7
RT	390+99.0	TO	395+00.0	71.64
TOTAL				913.9
USE				914.0

**HMA SHOULDER**

LOCATION		48203029 HMA SHOULDER, 8"	40600100 BITUMINOUS MATERIALS (PRIME COAT)		
O/S	STA	TO	STA	SQ YD	GALLON
LT & RT	360+00.0	TO	375+42.0	685.3	137.1
LT	375+42.0	TO	376+91.0	33.1	6.6
LT & RT	376+91.0	TO	389+63.7	565.6	113.1
LT & RT	390+79.2	TO	395+00.0	187	37.4
TOTAL				1471.0	294.2
USE				1471.0	295.0

**REMOVAL OF EXISTING STRUCTURES**

LOCATION		PCC STRUCTURE DESCRIPTION	APPROX. CONCRETE VOLUME	50100300 REMOVE EXISTING STRUCTURES NO. 1	50100400 REMOVE EXISTING STRUCTURES NO. 2	50100500 REMOVE EXISTING STRUCTURES NO. 3
O/S	*STA	DIMENSIONS	CU YD	EACH	EACH	EACH
CL	363+70.0	12'x4'x50'	47.4	1.0		
CL	379+92.0	24'x18'x55'	10.7		1.0	
LT	385+57.0	5'x2'x22.5'	5.0			1.0
TOTAL				1.0	1.0	1.0
USE				1.0	1.0	1.0

**50105220 PIPE CULVERT REMOVAL**

O/S	STA	DESCRIPTION	FOOT
LT	363+70.0	36" STEEL	23.6
RT	379+92.0	48" CAST IRON	61.7
TOTAL			85.3
USE			86.0

**63200310 GUARDRAIL REMOVAL**

O/S	*STA	FOOT
LT	363+70.0	202.0
RT	363+70.0	163.0
TOTAL		365.0
USE		365.0

**63500120 DELINEATOR REMOVAL**

O/S	*STA	TO	*STA	EACH
RT & LT	362+50.0	TO	365+00.0	5.0
RT & LT	379+92.0	TO	379+92.0	2.0
TOTAL				7.0
USE				7.0

**BOX CULVERTS**

LOCATION		54001001 BOX CULVERT END SECTIONS CULVERT NO. 1	54001002 BOX CULVERT END SECTIONS CULVERT NO. 2	54001003 BOX CULVERT END SECTIONS CULVERT NO. 3	54011206 PRECAST BOX CULVERT 12'x6' (M259)	54021203 PRECAST BOX CULVERT 12'x3' (M273)	X0321232 PRECAST BOX CULVERT 12'x3' (M259)	51500100 NAME PLATE	28101700 RIPRAP SPECIAL	28200200 FILTER FABRIC	20700220 POROUS GRANULAR EMBANKMENT	50200100 STRUCTURE EXCAVATION
STA	NUMBER	EACH	EACH	EACH	FOOT	FOOT	FOOT	EACH	TON	SQ YD	CU YD	CU YD
363+70.0	057-2047	2.0			108.0			1.0	196.9	286.7	351.5	757.2
0+76.3	057-2048		2.0				194.0	1.0	312.5	455.1	104.8	766.1
388+50.0	057-2049			2.0		78.0		1.0	155.0	225.8	68.3	532.7
TOTAL		2.0	2.0	2.0	108.0	78.0	194.0	3.0	664.4	967.6	524.6	2056.0
USE		2.0	2.0	2.0	108.0	78.0	194.0	3.0	665.0	968.0	525.0	2056.0

**PIPE CULVERTS**

LOCATION		542A1063 PIPE CULVERT, CLASS A, TYPE 2 18"	542D0220 PIPE CULVERT, CLASS D, TYPE 1 15"	54213450 END SECTIONS 15"	54213663 PRECAST FLARED END SECTION 18"	20900110 POROUS GRANULAR BACKFILL
O/S	STA	FOOT	FOOT	EACH	EACH	CU YD
RT	2+50		74.0	2.0		
CL	379+00.0	95.0			2.0	11.0
TOTAL		95.0	74.0	2.0	2.0	11.0
USE		95.0	74.0	2.0	2.0	11.0

**FIELD TILE ITEMS**

LOCATION		61101017 STORM SEWERS PROTECTED, CL A 15"	61100605 MISCELLANEOUS CONCRETE	20800150 TRENCH BACKFILL
O/S	STA	FOOT	CU YD	CU YD
CL	363+70.0	145.0	2.7	50.0
TOTAL		145.0	2.7	50.0
USE		145.0	2.7	50.0

**STEEL PLATE BEAM GUARDRAIL ITEMS**

LOCATION		63000001 STEEL PLATE BEAM GUARDRAIL TYPE A 6 FOOT POSTS	63000025 STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURES	63100167 TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)	63100169 TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (FLARED)	78200405 GUARDRAIL MARKERS	78201000 TERMINAL MARKERS DIRECT APPLIED				
O/S	STA	TO	STA	LENGTH	COMMENTS	FOOT	FOOT	EACH	EACH	EACH	EACH
RT	361+52.3	TO	362+02.3	50.0	TBT TY 1 SPL (FLARED)				1.0		1.0
RT	362+02.3	TO	364+77.3	275.0	SPBGR TY A	275.0				5.0	
RT	364+77.3	TO	365+27.3	50.0	TBT TY 1 SPL (FLARED)						1.0
RT	386+18.7	TO	386+68.7	50.0	TBT TY 1 SPL (FLARED)				1.0		1.0
RT	386+68.7	TO	388+31.2	162.5	SPBGR TY A	162.5				3.0	
RT	388+31.2	TO	388+68.7	37.5	SBPGR ATTACHED TO STRUCTURES		37.5			1.0	
RT	388+68.7	TO	389+43.7	75.0	SPBGR TY A	75.0				1.0	
RT	389+43.7	TO	391+09.2	50.0	TBT TY 1 SPL (FLARED)				1.0		1.0
LT	361+63.9	TO	362+33.9	50.0	TBT TY 1 SPL (TANGENT)			1.0			1.0
LT	362+33.9	TO	366+08.9	375.0	SPBGR TY A	375.0				6.0	
LT	366+08.9	TO	368+58.9	50.0	TBT TY 1 SPL (TANGENT)			1.0			1.0
LT	387+05.7	TO	387+55.7	50.0	TBT TY 1 SPL (FLARED)				1.0		1.0
LT	387+55.7	TO	388+30.7	75.0	SPBGR TY A	75.0				1.0	
LT	388+30.7	TO	388+68.2	37.5	SBPGR ATTACHED TO STRUCTURES		37.5			1.0	
LT	388+68.2	TO	391+46.2	162.5	SPBGR TY A	162.5				3.0	
LT	391+46.2	TO	391+96.2	50.0	TBT TY 1 SPL (FLARED)				1.0		1.0
TOTAL						1125.0	75.0	2.0	6.0	21.0	8.0
USE						1125.0	75.0	2.0	6.0	21.0	8.0

\*STATIONING IS RELATIVE TO EXISTING ALIGNMENT