

CIVIL & ENVIRONMENTAL ENGINEERING

**EARTHWORK SCHEDULE**

LOCATION	SUITABLE EARTH EXCAVATION	SUITABLE EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	SUITABLE INCIDENTAL EXCAVATION MATERIAL	SUITABLE INCIDENTAL EXC. MATERIAL ADJUSTED FOR SHRINKAGE	EMBANKMENT (NOT A PAY ITEM)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
NW QUADRANT CUTS & FILLS	27	20			31	-11
NE QUADRANT CUTS & FILLS	11	8			27	-19
SW QUADRANT CUTS & FILLS	16	12			22	-10
SE QUADRANT CUTS & FILLS	13	10			9	+1
EXCAVATION FOR PGE & CAPPING	130	97			22	+75
EXCAVATION FOR RIPRAP	93*	0				0
EXCAVATION FOR CULVERT			50	37		+37
TOTALS	290	147	50	37	111	+73

NOTES:  
 1. EXCAVATION USED AS EMBANKMENT = (SUITABLE EARTH EXCAVATION + SUITABLE INCIDENTAL EXCAVATION)\*0.75  
 \* NOT SUITABLE AS EMBANKMENT

**EROSION CONTROL SCHEDULE**

LOCATION	TEMPORARY EROSION CONTROL SEEDING (2 APPLICATIONS)	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER
	POUND	EACH	FOOT
NW QUADRANT CUTS & FILLS	16	2	115
NE QUADRANT CUTS & FILLS	9		155
SW QUADRANT CUTS & FILLS	8		150
SE QUADRANT CUTS & FILLS	7		135
TOTALS	40	2	555

**SEEDING SCHEDULE**

LOCATION	SEEDING, CLASS 2A	SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	EROSION CONTROL BLANKET
	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	SQ YD
NW QUADRANT CUTS & FILLS	0.080	0.080	7.2	7.2	7.2	0.16	0.16	100
NE QUADRANT CUTS & FILLS	0.045	0.045	4.0	4.0	4.0	0.09	0.09	
SW QUADRANT CUTS & FILLS	0.040	0.040	3.6	3.6	3.6	0.08	0.08	
SE QUADRANT CUTS & FILLS	0.035	0.035	3.2	3.2	3.2	0.07	0.07	
TOTALS	0.200	0.200	18.0	18.0	18.0	0.40	0.40	100

**TREE REMOVAL SCHEDULE**

LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)
	UNIT
STA 634+65.0, 32.0' RT	15
STA 634+65.0, 33.5' RT	15
STA 634+80.0, 31.0' RT	11
STA 634+93.5, 37.3' RT	7
STA 634+96.5, 38.3' RT	12
STA 634+98.5, 38.7' RT	12
STA 635+03.0, 35.8' RT	11
STA 635+05.0, 35.0' RT	14
STA 635+15.0, 34.5' RT	13
STA 635+15.0, 34.5' RT	15
STA 635+15.0, 35.0' RT	9
TOTAL	134

**REMOVAL SCHEDULE**

LOCATION	PAVEMENT REMOVAL
	SQ YD
STA 635+37.50 TO 635+52.25	44.5
STA 635+74.75 TO 635+89.50	44.5
TOTAL	89.0

**F & E ROW MARKERS SCHEDULE**

LOCATION	F&E ROW MARKERS
	EACH
STA 634+00.00, 30' RT	1
STA 634+00.00, 45' RT	1
STA 635+40.07, 30' LT	1
STA 635+48.07, 45' LT	1
STA 636+00.00, 30' RT	1
STA 636+00.00, 45' RT	1
STA 636+50.00, 30' LT	1
STA 636+50.00, 45' LT	1
TOTAL	8

**PAVEMENT MARKING SCHEDULE**

LOCATION	DESCRIPTION	SHORT-TERM PAVEMENT MARKING	PAINT PAVEMENT MARKING - LINE	TEMP PAVEMENT MARKING - LINE
		FOOT	FOOT	FOOT
STA 632+53.5 TO 632+85.0, CL	DOUBLE YELLOW NO-PASS		65	65
STA 632+85.0 TO 638+73.5, CL	SINGLE YELLOW NO-PASS		590	590
STA 632+85.0 TO 638+73.5, CL	YELLOW SKIP-DASH	128	150	150
STA 634+08.5 TO 637+08.5, LT	WHITE EDGE		300	300
STA 634+18.5 TO 637+18.5, RT	WHITE EDGE		300	300
TOTALS		128	1405	1405

① INCLUDES 1 ADDITIONAL APPLICATION

**RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE**

LOCATION	RRPM	REPLACEMENT REFLECTOR	RRPM, REFLECTOR REMOVAL
	EACH	EACH	EACH
STA 632+66		1	1
STA 633+44		1	1
STA 634+25		1	1
STA 635+08		1	1
STA 635+88	1		
STA 636+68		1	1
STA 637+50		1	1
STA 638+30		1	1
TOTALS	1	7	7

**BASE COURSE SCHEDULE**

LOCATION	BASE COURSE WIDENING, 10"
	SQ YD
STA 634+18.50 TO 635+52.25, LT	42.5
STA 635+74.75 TO 637+08.50, LT	42.5
STA 635+37.50 TO 637+89.50, LT	23.1
STA 634+18.50 TO 637+08.50, RT	128.9
TOTAL	237.0

**GUARDRAIL REMOVAL SCHEDULE**

LOCATION	FOOT
STRUCTURE NO. 076-2007 - NW	95
STRUCTURE NO. 076-2007 - NE	60
STRUCTURE NO. 076-2007 - SW	60
STRUCTURE NO. 076-2007 - SE	40
TOTAL	255

**ENTRANCE SCHEDULE**

LOCATION	AGGREGATE SURFACE COURSE, TYPE A
	TON
STA 636+23, PE LT	2.5
TOTAL	2.5

**HMA SHOULDERS SCHEDULE**

LOCATION	HMA SHOULDERS, 8"
	SQ YD
STRUCTURE NO. 076-2007 - NW	31
STRUCTURE NO. 076-2007 - NE	58
STRUCTURE NO. 076-2007 - SW	45
STRUCTURE NO. 076-2007 - SE	25
TOTAL	159

**GUARDRAIL SCHEDULE**

LOCATION	SPBGR, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL			GUARDRAIL MARKERS, TYPE A	BARRIER WALL MARKERS, TYPE B	TERMINAL MARKER, DIRECT APPLIED	STEEL RAILING, TYPE 2399
		TYPE 6A	TYPE 6A (SPECIAL)	TYPE 1 (SPECIAL) TANGENT				
	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STRUCTURE NO. 076-2007 - NW	50.0	1		1				
STRUCTURE NO. 076-2007 - NE	37.5	1		1		1		
STRUCTURE NO. 076-2007 - SW	37.5	1		1		1		
STRUCTURE NO. 076-2007 - SE			1					
STRUCTURE NO. 076-2007 - HEADWALLS						2		44
TOTALS	125.0	3	1	2	5	2	2	44