


SHEET NUM.										PART.			ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
5	8	25	27							01/STR/OT			EXT	TOTAL				
ROADWAY																		
										LS		201	11000	LS			CLEARING AND GRUBBING	
	318									318		202	23000	318	SY		PAVEMENT REMOVED	
	250									250		202	38000	250	FT		GUARDRAIL REMOVED	
	228									228		203	10000	228	CY		EXCAVATION	
	373									373		203	20000	373	CY		EMBANKMENT	
	355									355		204	10000	355	SY		SUBGRADE COMPACTION	
	250									250		606	15050	250	FT		GUARDRAIL, TYPE MGS	
EROSION CONTROL																		
	823									823		659	10000	823	SY		SEEDING AND MULCHING	
	0.08									0.08		659	20000	0.08	TON		COMMERCIAL FERTILIZER	
	0.17									0.17		659	31000	0.17	ACRE		LIME	
	5									5		659	35000	5	MGAL		WATER	
										3,000		832	30000	3,000	EACH		EROSION CONTROL	
DRAINAGE																		
	201									201		518	40000	201	FT		6" PERFORATED CORRUGATED PLASTIC PIPE	
	3									3		518	40010	3	FT		6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
	40									40		605	31100	40	FT		AGGREGATE DRAINS	
	1									1		611	99710	1	EACH		PRECAST REINFORCED CONCRETE OUTLET	
PAVEMENT																		
	55									55		301	56000	55	CY		ASPHALT CONCRETE BASE, PG64-22, (449)	
	57									57		304	20000	57	CY		AGGREGATE BASE	
	102									102		407	20000	102	GAL		NON-TRACKING TACK COAT	
	125									125		408	10000	125	GAL		PRIME COAT	
	98									98		441	70000	98	CY		ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
	13									13		617	10100	13	CY		COMPACTED AGGREGATE	
TRAFFIC CONTROL																		
	18									18		621	00100	18	EACH		RPM	
	18									18		621	54000	18	EACH		RAISED PAVEMENT MARKER REMOVED	
	0.27									0.27		642	00104	0.27	MILE		EDGE LINE, 6", TYPE 1	
	0.13									0.13		642	00300	0.13	MILE		CENTER LINE, TYPE 1	
MAINTENANCE OF TRAFFIC																		
	4									4		614	12384	4	EACH		WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL)	
	1									1		614	12740	1	EACH		WORK ZONE LIGHTING SYSTEM	
	24									24		614	13310	24	EACH		BARRIER REFLECTOR, TYPE 1, BIRECTIONAL	
	24									24		614	13360	24	EACH		OBJECT MARKER, TWO WAY	
	0.44									0.44		614	22010	0.44	MILE		WORK ZONE EDGE LINE, CLASS I, 6"	
	24									24		614	26000	24	FT		WORK ZONE STOP LINE, CLASS I	
	LS									LS		615	10000	LS			ROADS FOR MAINTAINING TRAFFIC	
	134									134		615	20000	134	SY		PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	
	1,200									1,200		622	41100	1,200	FT		PORTABLE BARRIER, UNANCHORED	
RETAINING WALLS																		
			1,224							1,224		507	00410	1,224	EACH		STEEL PILES, MISC.:W21x101	3
	15									15		511	46511	15	CY		CLASS QC1 CONCRETE, FOOTING, AS PER PLAN	3
	147									147		518	21200	147	CY		POROUS BACKFILL WITH GEOTEXTILE FABRIC	
			781							781		524	94703	781	FT		DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN	3
			396							396		524	94705	396	FT		DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN	3
			12							12		524	95000	12	FT		DRILLED SHAFTS, MISC.:EXTENSION	3
		1,925								1,925		SPECIAL	53051010	1,925	SF		RETAINING WALL, PRECAST CONCRETE LAGGING	3
INCIDENTALS																		
										LS		614	11000	LS			MAINTAINING TRAFFIC	
										LS		623	10000	LS			CONSTRUCTION LAYOUT STAKES AND SURVEYING	
										LS		624	10000	LS			MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY

 DESIGNER
 ARM
 REVIEWER
 XXX MM-DD-YY
 PROJECT ID
 116980
 SHEET TOTAL
 7 | 42

ITEM 204 - SUBGRADE COMPACTION

STA. 778+65 TO STA. 780+85
 220 FT * 14.5 FT / 9 = 354.4 SY

A TOTAL OF 355 SY CARRIED TO THE GENERAL SUMMARY

ITEM 304 - AGGREGATE BASE

STA. 778+65 TO STA. 780+85
 220 FT * 14 FT * 6"/12/27 = 57.0 CY

A TOTAL OF 57 CY CARRIED TO THE GENERAL SUMMARY

ITEM 301 - ASPHALT CONCRETE BASE

STA. 778+65 TO STA. 780+85
 220 FT * 13.5 FT * 6"/12/27 = 55 CY

A TOTAL OF 55 CY CARRIED TO THE GENERAL SUMMARY

ITEM 605 - AGGREGATE DRAINS

STA. 778+65 TO STA. 780+85
 (220 FT / 50 FT SPACING) * 8 FT = 40 FT

A TOTAL OF 40 FT CARRIED TO THE GENERAL SUMMARY

ITEM 441 - 1.5" ASPHALT CONCRETE SURFACE

STA. 778+65 TO STA. 780+85
 220 FT * 13 FT * 1.5"/12/27 = 13.2 CY
 STA. 775+25 TO STA. 782+25
 700 FT * 26 FT AVE. * 1.5"/12/27 = 84.2 CY

A TOTAL OF 98 CY CARRIED TO THE GENERAL SUMMARY

ITEM 407 - NON-TRACKING TACK COAT

STA. 778+65 TO STA. 780+85
 220 FT * 13 FT / 9 * 0.05 = 15.8 GAL
 STA. 775+25 TO STA. 782+25
 700 FT * 26 FT AVE. / 9 * 0.05 = 101.1 GAL

A TOTAL OF 102 GAL CARRIED TO THE GENERAL SUMMARY

ITEM 202 - PAVEMENT REMOVED

STA. 778+65 TO STA. 780+85
 220 FT * 13 FT AVE. / 9 = 317.7 SY

A TOTAL OF 318 SY CARRIED TO THE GENERAL SUMMARY

ITEM 621 - RPM/RAISED PAVEMENT MARKER REMOVED

STA. 775+25 TO STA. 782+25
 (700 FT/40 FT SPACING) = 18 EACH

A TOTAL OF 18 EACH CARRIED TO THE GENERAL SUMMARY

ITEM 642 - EDGE LINE, 6", TYPE 1

STA. 775+25 TO STA. 782+25
 (2 * 700 FT)/5280 = 0.265 MILE

A TOTAL OF 0.27 MILE CARRIED TO THE GENERAL SUMMARY

ITEM 642 - CENTER LINE

STA. 775+25 TO STA. 782+25
 (700 FT/5280) = 0.13 MILE

A TOTAL OF 0.13 MILE CARRIED TO THE GENERAL SUMMARY

ITEM 511 - CLASS QCI CONCRETE, FOOTING

STA. 1+47 TO STA. 3+48
 201 FT x 4 FT x 0.5 FT / 27 = 14.8 CY

A TOTAL OF 15 CY CARRIED TO THE GENERAL SUMMARY

ITEM 518 - POROUS BACKFILL WITH GEOTEXTILE FABRIC

STA. 1+47 TO STA. 1+98.75
 51.75 FT x 3.7 AVG. x 2.5 FT/27 = 17.7 CY

STA. 1+98.75 TO STA. 2+62
 63.25 FT x 10 AVG. x 2.5 FT/27 = 58.5 CY

STA. 2+62 TO STA. 2+85
 23 FT x 10.3 AVG. x 2.5 FT/27 = 21.9 CY

STA. 2+85 TO STA. 3+08
 23 FT x 10.8 AVG. x 2.5 FT/27 = 23 CY

STA. 3+08 TO STA. 3+31
 23 FT x 7.9 AVG. x 2.5 FT/27 = 16.8 CY

STA. 3+31 TO STA. 3+49.75
 18.75 FT x 5.6 AVG. x 2.5 FT/27 = 9.7 CY

A TOTAL OF 147 CY CARRIED TO THE GENERAL SUMMARY

ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A

STA. 777+75 TO STA. 781+75
 400 FT * 3 FT AVE. / 9 = 134 SY

A TOTAL OF 134 SY CARRIED TO THE GENERAL SUMMARY

ITEM 615 - ROADS FOR MAINTAINING TRAFFIC

STA. 777+75 TO STA. 781+75
 LUMP SUM

FOR INFORMATION ONLY
 EXCAVATION - 22 CY
 EMBANKMENT - 18 CY

A TOTAL OF 1 LUMP SUM CARRIED TO THE GENERAL SUMMARY

ITEM 617 - COMPACTED AGGREGATE

STA. 775+25 TO STA. 782+25
 2 (700 FT * 2 FT * 1.5"/12/27) = 12.9 CY

A TOTAL OF 13 CY CARRIED TO THE GENERAL SUMMARY

ITEM 408 - PRIME COAT

STA. 775+25 TO STA. 782+25
 2 (700 FT * 2 FT / 9 * 0.4) = 124.4 GAL

A TOTAL OF 125 GAL CARRIED TO THE GENERAL SUMMARY

ITEM 659 - COMMERCIAL FERTILIZER

20 x 823 SY x 9 SF/SY / (1000 SF x 2000 LB/TON) = 0.08 TON

A TOTAL OF 0.08 TON CARRIED TO THE GENERAL SUMMARY

ITEM 659 - LIME

823 SY / 4,840 SY/ACRE = 0.17 ACRE

A TOTAL OF 0.17 ACRE CARRIED TO THE GENERAL SUMMARY

ITEM 659 - WATER

2 x 823 SY x 9 SF/SY x 300 GAL / 1,000 SF = 4.4 M. GAL

A TOTAL OF 5 M. GAL CARRIED TO THE GENERAL SUMMARY

SHEET NUMBER	REFERENCE NUMBER	C REFERENCE	STATION		SIDE	202		518	518	606	611
			FROM	TO		GUARDRAIL REMOVED		6" PERFORATED CORRUGATED PLASTIC PIPE	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	GUARDRAIL TYPE MGS	PRECAST REINFORCED CONCRETE OUTLET
TOTALS CARRIED TO GENERAL SUMMARY						250		201	3	250	1
9	GR-1	SR 26	778+50	781+00	LT	250					
9	UD-1	SR 26	778+74	780+73	LT			201	3		1

SHEET NO.	203	203	659			
	EXCAVATION	EMBANKMENT	SEEDING & MULCHING			
	CY	CY	SY			
10	0	0	28			
11	0	0	56			
12	0	2	28			
13	0	5	51			
14	23	33	75			
15	38	62	75			
16	31	62	75			
17	33	59	75			
18	38	57	75			
19	43	56	75			
20	21	33	75			
21	0	5	51			
22	0	0	56			
23	0	0	28			
-	-	-	-			
-	-	-	-			
TOTAL	228	373	823			

