

P:\PR6974\WYA\19931\Design\Roadway\Sheets\19931\_G001.dgn Sheet 7/17/2024 10:01:43 AM Compton

SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED	SDC	CHECKED	MRT
5	6	8	12	17	19	01/SAF/21	EXT	TOTAL													
											<b>ROADWAY</b>										
LS						LS	201	11000	LS		CLEARING AND GRUBBING										
		1,600				1,600	202	23000	1,600	SY	PAVEMENT REMOVED										
		16				16	202	35100	16	FT	PIPE REMOVED, 24" AND UNDER										
		74				74	202	35200	74	FT	PIPE REMOVED, OVER 24"										
		15				15	202	32600	15	FT	GUTTER REMOVED										
		2,493				2,493	202	75000	2,493	FT	FENCE REMOVED										
			448	189		637	203	10000	637	CY	EXCAVATION										
			23	485		508	203	20000	508	CY	EMBANKMENT										
		1,114				1,114	204	10000	1,114	SY	SUBGRADE COMPACTION									5	
		372				372	204	13000	372	CY	EXCAVATION OF SUBGRADE, 12"									5	
		372				372	204	30010	372	CY	GRANULAR MATERIAL, TYPE B, 12"										
1						1	204	45000	1	HOUR	PROOF ROLLING									8	
		1,114				1,114	204	50000	1,114	SY	GEOTEXTILE FABRIC										
		173				173	607	15000	173	FT	FENCE, TYPE 47										
						LS	623	50000	LS		PRECONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT										
						LS	623	51000	LS		POST CONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT										
											<b>EROSION CONTROL</b>										
2						2	659	00100	2	EACH	SOIL ANALYSIS TEST										
294						294	659	00300	294	CY	TOPSOIL										
2,647						2,647	659	10000	2,647	SY	SEEDING AND MULCHING										
132						132	659	14000	132	SY	REPAIR SEEDING AND MULCHING										
0.37						0.37	659	20000	0.37	TON	COMMERCIAL FERTILIZER										
0.55						0.55	659	31000	0.55	ACRE	LIME										
15						15	659	35000	15	MGAL	WATER										
						7,500	832	30000	7,500	EACH	EROSION CONTROL										
											<b>DRAINAGE</b>										
90						90	605	31100	90	FT	AGGREGATE DRAINS										
											<b>PAVEMENT</b>										
		1,047				1,047	252	01500	1,047	FT	FULL DEPTH PAVEMENT SAWING										
		119				119	301	56000	119	CY	ASPHALT CONCRETE BASE, PG64-22, (449)										
		263				263	304	20000	263	CY	AGGREGATE BASE										
		58				58	407	20000	58	GAL	NON-TRACKING TACK COAT										
		36				36	441	70000	36	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22										
					1,400	1,400	618	40100	1,400	FT	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)										
											<b>TRAFFIC CONTROL</b>										
					131	131	630	03100	131	FT	GROUND MOUNTED SUPPORT, NO. 3 POST										
					43	43	630	80100	43	SF	SIGN, FLAT SHEET										
					16	16	630	84900	16	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL										
					19	19	630	86002	19	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL										
					5	5	630	08600	5	EACH	SIGN POST REFLECTOR										
	100					100	643	30000	100	FT	REMOVAL OF PAVEMENT MARKING									6	
											<b>MAINTENANCE OF TRAFFIC</b>										
	40					40	614	11110	40	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE									6	
	3					3	616	10000	3	MGAL	WATER									6	
	4					4	614	18601	4	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN									6	
	0.98					0.98	614	22210	0.98	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I, WHITE									6	
	2,340					2,340	614	24402	2,340	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I									6	
											<b>INCIDENTALS</b>										
						LS	614	11000	LS		MAINTAINING TRAFFIC										
						4	619	16000	4	MNTH	FIELD OFFICE, TYPE A										
						LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING										
						LS	624	10000	LS		MOBILIZATION										

GENERAL SUMMARY

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PAVEMENT CALCULATIONS

STATION RANGE	TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	202	204	204	204	204	252	301	304	304	407	441	
			FT	FT	SF	SF	SY	SY	CY	CY	SY	FT	CY	CY	CY	GAL	CY	
TO																		
US 23																		
291+98.84 - 298+31.29		LT/RT				8414.96	935.00											
291+98.84 - 296+22.82		RT										431.98			21.33			
294+50.00 - 296+50.00		LT										208.00			10.27			
294+50.00 - 298+31.29		LT										389.29			19.22			
TH 62																		
16+90.25 - 19+70.81		LT/RT				5980.62	664.51					17.66						
16+90.25 - 18+50.00		CUL-DE-SAC				9420.65										57.57	36.35	
		STEP 6"	0.50	200.18	9620.83								118.78					
		STEP 6"	1.00	401.10	9821.75									181.88				
		STEP 6"	1.50	602.82	10023.47			1113.72	371.24	371.24	1113.72							
		SLDR			1212.68										29.94			
SUBTOTALS							1599.51		1113.72	371.24	371.24	1113.72	1046.93	118.78	181.88	80.77	57.57	36.35
TOTALS CARRIED TO GENERAL SUMMARY							1600		1114	372	372	1114	1047	119	263		58	36

118.78  
181.88  
80.77  
263

ITEM 204 - PROOF ROLLING  
(SUBGRADE COMPACTION AREA UNDER PAVEMENT)  
1114 SY x 1 HR /2000 SY = 0.56 HOURS

ROADWAY SUMMARY

REF NO.	SHEET NO.	STATION TO STATION	202	202	202	202	607
			PIPE REMOVED, 24" AND UNDER	PIPE REMOVED, OVER 24"	GUTTER REMOVED	FENCE REMOVED	FENCE, TYPE 47
			FT	FT	FT	FT	FT
TO							
TH 62							
R1	9	18+96.71 LT - 19+19.75 RT	16	73.66	15		
R2	21	12+83.72 RT - 18+97.90 RT				614.18	
R3	21	12+96.69 LT - 18+48.71 LT				552.02	
R4	21	21+44.88 LT - 27+88.33 LT				643.45	
R5	21	21+18.24 RT - 28+00.66 RT				682.42	
F1	21	18+48.74 LT - 18+97.90 RT					172.94
TOTALS CARRIED TO GENERAL SUMMARY			16	74	15	2493	173

CALCULATED  
SDC  
CHECKED  
MRT

SUBSUMMARIES

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