

SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED MSW	CHECKED GAH
26	28	29	34	40	139	145	154	155	334	01/S>2/PV	02/S>2/OT/CANT	03/S>2/ CV								
	20									20			611	97400	20	FT	DRAINAGE (CONT.) CONDUIT, MISC.: TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE	28		
						12				12			611	98150	12	EACH	CATCH BASIN, NO. 3			
						3				3			611	98151	3	EACH	CATCH BASIN, NO. 3, AS PER PLAN	330		
						29				29			611	98180	29	EACH	CATCH BASIN, NO. 3A			
						12				12			611	98181	12	EACH	CATCH BASIN, NO. 3A, AS PER PLAN	330		
						5				5			611	98370	5	EACH	CATCH BASIN, NO. 6			
				1						1			611	98390	1	EACH	CATCH BASIN, NO. 7			
						3				3			611	98410	3	EACH	CATCH BASIN, NO. 8			
				4		15				19			611	98470	19	EACH	CATCH BASIN, NO. 2-2B			
						3				3			611	98510	3	EACH	CATCH BASIN, NO. 2-3			
						1				1			611	98540	1	EACH	CATCH BASIN, NO. 2-4			
						3				3			611	99095	3	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE B, AS PER PLAN	329		
						4				4			611	99110	4	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE C1			
						6				6			611	99114	6	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D			
						12				12			611	99574	12	EACH	MANHOLE, NO. 3			
						1				1			611	99582	1	EACH	MANHOLE, NO. 3 WITH 90" BASE I.D. AND 8" WEIR			
						1				1			611	99586	1	EACH	MANHOLE, NO. 3 WITH 108" BASE I.D. AND 12" WEIR			
						2				2			611	99654	2	EACH	MANHOLE ADJUSTED TO GRADE			
						3				3			611	99660	3	EACH	MANHOLE RECONSTRUCTED TO GRADE			
		10							1	11			611	99710	11	EACH	PRECAST REINFORCED CONCRETE OUTLET			
	4									4			611	99720	4	EACH	INSPECTION WELL			
						68				68			SPECIAL	61199830	68	FT	TRENCH DRAIN	28		
						1				1			895	10020	1	EACH	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 2			
						1				1			895	10040	1	EACH	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 4			
																	PAVEMENT			
						8,320				8,320			302	46000	8,320	CY	ASPHALT CONCRETE BASE, PG64-22			
						9,445				9,445			304	20000	9,445	CY	AGGREGATE BASE	25		
						6,403				6,403			407	20000	6,403	GAL	NON-TRACKING TACK COAT			
						37				37			441	50000	37	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22			
						38				38			441	50300	38	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)			
						2,990				2,990			442	00100	2,990	CY	ANTI-SEGREGATION EQUIPMENT			
				1		2,033				2,034			442	10001	2,034	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG70-22M	25		
						2,416				2,416			442	10100	2,416	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)			
						654				654			452	10010	654	SY	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS OC IP			
						866				866			452	12050	866	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS OC MS			
						781				781			452	14110	781	SY	11" NON-REINFORCED CONCRETE PAVEMENT, CLASS OC IP			
					9,283					9,283			609	12000	9,283	FT	COMBINATION CURB AND GUTTER, TYPE 2			
					1,671					1,671			609	24510	1,671	FT	CURB, TYPE 4-C			
					1,708					1,708			609	26000	1,708	FT	CURB, TYPE 6			
	15,330									15,330			872	10000	15,330	FT	VOID REDUCING ASPHALT MEMBRANE (VRAM)	26		
																	WATER WORK			
									75				202	75611	75	EACH	VALVE BOX REMOVED, AS PER PLAN	350		
									206				613	41200	206	CY	LOW STRENGTH MORTAR BACKFILL			
									140				638	06708	140	FT	24" STEEL PIPE ENCASEMENT, OPEN CUT	350		
									156				638	06912	156	FT	48" STEEL PIPE ENCASEMENT, OPEN CUT	350		
									1				638	10800	1	EACH	VALVE BOX ADJUSTED TO GRADE	335		
									4				SPECIAL	63820538	4	EACH	6" GATE VALVE WITH VALVE BOX, COMPLETE (CANTON)	349		
									4				SPECIAL	63820586	4	EACH	12" GATE VALVE WITH VALVE BOX, COMPLETE (CANTON)	349		
									1				SPECIAL	63820738	1	EACH	2" AIR RELEASE VALVE (CANTON)	350		
									5				SPECIAL	63820750	5	EACH	6" FIRE HYDRANT, COMPLETE (CANTON)	349		
									2				SPECIAL	63820760	2	EACH	FIRE HYDRANT REMOVED AND DISPOSED OF (CANTON)	335		
									2				638	98000	2	EACH	WATER WORK, MISC.: 36" BUTTERFLY VALVE WITH VALVE BOX, COMPLETE (CANTON)	335		
									2				638	98000	2	EACH	WATER WORK, MISC.: 11.25° - 12" DIP BEND FITTING	349		
									4				638	98000	4	EACH	WATER WORK, MISC.: 11.25° - 36" DIP BEND FITTING, TR-FLEX	349		
									2				638	98000	2	EACH	WATER WORK, MISC.: 22.5° - 12" DIP BEND FITTING	349		
									4				638	98000	4	EACH	WATER WORK, MISC.: 22.5° - 36" DIP BEND FITTING, TR-FLEX	349		
									4				638	98000	4	EACH	WATER WORK, MISC.: 45° - 6" DIP BEND FITTING	349		

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ESTIMATED QUANTITIES SHEET NO.	204	204	204	204	204	204	204	302	304	304	407	441	441	441	442	442	442	452	452	452
	SUBGRADE COMPACTION SY	EXCAVATION OF SUBGRADE (12" UNSTABLE SUBGRADE) CY	EXCAVATION OF SUBGRADE (24" UNSUITABLE ROCK) CY	24" EMBANKMENT CY	12" GRANULAR MATERIAL, TYPE B CY	PROOF ROLLING HR	GEOTEXTILE FABRIC SY	6" ASPHALT CONCRETE BASE, PG64-22 CY	6" AGGREGATE BASE CY	8" AGGREGATE BASE CY	NON-TRACKING TACK COAT (@0.06 GAL/SY) GAL	1 1/4" AC SURFACE COURSE, TYPE 1, (448), PG64-22 CY	2" AC SURFACE COURSE, TYPE 1, (448), PG64-22 CY	1 3/4" AC INTERMEDIATE COURSE, TYPE 2, (448) CY	ANTI-SEGREGATION EQUIPMENT CY	1 1/2" ASPHALT CONCRETE (SC), 12.5MM, TYPE A, (446), AS PER PLAN, PG70-22M CY	1 3/4" ASPHALT CONCRETE (IC), 19MM, TYPE A, (446) CY	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS OC IP SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS OC MS SY	11" NON-REINFORCED CONCRETE PAVEMENT, CLASS OC IP SY
156	12,319.2	174.9			174.9	6.4	524.6	1,833.1	1,969.9		1,513.8				607.3	435.1	526.6	60.5		781.3
157	34,120.2	6,938.7			6,938.7	27.5	20,816.1	5,218.2	5,454.2	107.0	5,957.7	16.7		23.4	2,382.7	1,280.2	1,518.9			
158	9,426.1	862.0	615.6	615.6	862.0	6.5	3,509.3	1,268.9	1,571.0		913.6					317.2	370.1		46.0	
290	1,907.5					1.0			276.1	66.6	18.0	10.4	10.0	14.6				593.5	820.2	
<b>SUBTOTALS THIS SHEET</b>																				
	57,772.9	7,975.5	615.6	615.6	7,975.5	41.3	24,850.0	8,320.2	9,271.3	173.5	6,403.1	27.1	10.0	38.0	2,990.0	2,032.5	2,415.6	654.0	866.3	781.3
<b>TOTALS CARRIED TO GENERAL NOTES</b>																				
						41														
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>																				
	57,773	7,976	616	616	7,976		24,850	8,320	9,445		6,403	37	38	2,990	2,033	2,416	654	866	781	

CALCULATED MSW	CHECKED GAH	<b>PAVEMENT SUBSUMMARY</b>	
			<b>STA - 062 - 24.14</b>
<table border="1"> <tr> <td>155</td> <td>500</td> </tr> </table>		155	500
155	500		

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PAV'T AREA	STATION		SIDE	LENGTH (ALONG CURB OR EDGE LINE)	AVERAGE WIDTH (ACROSS LANE OR SHOULDER)	AREA (FROM CADD)	204	204	204	204	204	204	204	302	304	304	407	441	441	442	442	442	452	
	FROM	TO					SY	CY	CY	CY	CY	HR	SY	CY	CY	CY	GAL	CY	CY	CY	CY	CY	CY	CY
US-62																								
FULL DEPTH FREEWAY	181+36.46	201+90.31	LT/RT	2053.85	82.3	168,931.4	18,770.2							3,128.4	3,128.4		3,252.4			1,694.5	782.1	912.4		
LEFT SHOULDER	181+36.46	195+88.34	LT	1,451.9	8.8	12,719.2	1,413.2							218.1	85.2		169.6					57.9	65.8	
ASPH W/ SAFETY EDGE	181+36.46	181+81.20	LT	45.5			7.6							0.3	0.7		0.9					0.1		
ASPH W/D BARRIER	181+85.07	182+87.16	LT	106.0			37.3							5.2	6.2		13.8						1.2	
ASPH. EDGE W/ CURB	182+87.16	186+50.25	LT	372.4			62.1								10.3									
ASPH W/D BARRIER	186+50.25	196+02.48	LT	55.1			19.4							2.7	3.2		7.2						0.6	
ASPH. W/ CURB & GUTTER	196+41.47	201+90.31	LT	568.8			221.2								36.9									
MEDIAN SHOULDER	181+36.46	190+30.00	LT	893.5	4.6	4,072.5	452.5							75.4	75.4		54.3					19.6	22.0	
ASPH UNDER BI BARRIER	181+36.46	189+00.00	CL	763.5	2.8	2,147.5	238.6							39.8	39.8		28.6						11.6	
MEDIAN SHOULDER	181+36.46	190+05.04	RT	868.6	4.6	3,990.2	443.4							73.9	73.9		53.2					18.5	21.6	
RIGHT SHOULDER	181+36.46	188+95.62	RT	759.2	9.5	7,220.4	802.3							133.7	133.7		96.3					33.4	39.0	
ASPH W/D BARRIER	181+36.46	184+66.37	RT	322.5			113.5							15.9	18.9		41.9						3.8	
ASPH. EDGE COURSE	184+66.37	188+94.17	RT	418.2			69.7							2.6	6.5									
MED. ASPH. EDGE W/ CURB	189+80.00	190+30.00	LT/RT	77.5			12.9								2.2									
ASPH. W/ C&G MED. LEFT	190+30.00	193+23.78	LT	393.9			153.2								25.5									
ASPH. W/ C&G MED. RIGHT	190+05.04	193+23.78	LT	420.2			163.4								27.2									
MED. ASPH. EDGE W/ CURB	194+23.78	194+61.00	LT	77.1			12.9								2.1									
ASPH. W/ CURB & GUTTER	189+35.74	196+14.51	RT	762.8			296.6								49.4									
ASPH. W/ CURB & GUTTER	196+51.56	201+90.31	RT	555.4			216.0								36.0									
12" UNDERCUT	181+36.46	191+43.00	LT/RT	1,006.5	112.2	112,938.3		4,182.9		4,182.9	6.27	12,548.7												
12" UNDERCUT	195+00.00	201+90.31	LT/RT	690.3	102.0	70,403.2		2,607.5		2,607.5	3.91	7,822.6												
MED. ASPH. EDGE W/ CURB	195+17.00	195+91.30	RT	157.7			26.3								4.4									
MED. ASPH. EDGE W/ CURB	196+59.71	197+54.00	LT	192.3			32.0								5.3									
MED. ASPH. EDGE W/ CURB	198+18.39	198+51.52	LT	37.6			6.3								1.0									
ASPH. W/ C&G MED. LEFT	198+51.52	201+90.31	LT	340.3			132.3								22.1									
ASPH. W/ C&G MED. RIGHT	198+20.39	201+90.31	RT	369.8			143.8								24.0									
US-62 WB 2																								
FULL DEPTH FREEWAY	201+90.31	211+55.04	LT/RT	964.7	29.9	28,856.1	3,206.2							534.4	534.4		384.7			289.5	133.6	155.9		
LEFT SHOULDER	206+28.19	211+54.97	LT	964.7	2.5	2,420.4	268.9							44.8	44.8		32.3					11.2	13.1	
ASPH. W/ CURB & GUTTER	201+90.31	205+96.76	LT	461.6			179.5								29.9									
ASPH. EDGE W/ CURB	206+30.24	210+31.57	LT	417.0			69.5								11.6									
ASPH W/D BARRIER	210+31.57	211+54.89	LT	123.2			20.5							6.1	7.2		16.0						1.4	
RIGHT SHOULDER	203+66.87	211+55.17	RT	964.7	4.1	3,987.7	443.1							73.8	73.8		53.2					18.5	21.5	
ASPH. W/ CURB & GUTTER	201+90.31	204+16.19	RT	227.1			88.3								14.7									
ASPH W/B BARRIER	205+44.78	211+55.17	RT	612.2			260.8							37.8	43.5		104.1						9.4	
12" UNDERCUT	201+90.31	202+40.00	LT/RT	49.7	80.6	4,003.5		148.3		148.3	0.22	444.8												
PARKING LOT	207+06.99	207+17.92	LT	16.9	5.6	95.2	10.6									2.4	1.3	0.4	0.5					
US-62 EB 2																								
FULL DEPTH FREEWAY	201+90.31	211+66.01	LT/RT	975.7	40.7	39,745.1	4,416.1							736.0	736.0		529.9			398.7	184.0	214.7		
LEFT SHOULDER	205+55.74	211+65.55	LT	985.5	2.5	2,478.4	275.4							45.9	45.9		33.0					11.5	13.4	
ASPH. W/ CURB & GUTTER	201+90.31	203+69.54	LT	178.3			69.3								11.6									
ASPH. EDGE COURSE	205+50.00	211+65.34	LT	613.6			56.8							3.8	9.5									
ASPH. W/ CURB & GUTTER	201+90.31	205+98.49	RT	436.2			169.6								28.3									
RIGHT SHOULDER	206+29.20	211+67.03	RT	562.4	3.8	2,133.1	237.0							39.5	39.5		28.4					9.9	11.5	
ASPH. EDGE W/ CURB	206+31.18	211+75.63	RT	558.7			31.0								5.2									
PARKING LOT	206+31.68	210+99.84	RT	468.2	9.0	4,236.6	470.7									104.6	56.5	16.3	22.9					
<b>SUBTOTAL CARRIED TO SHEET 155</b>							34,120.2	6,938.7			6,938.7	27.5	20,816.7	5,218.2	5,454.2	107.0	3,957.7	16.7	23.4	2,382.7	1,280.2	1,518.9		

CALCULATED  
MSW  
CHECKED  
GAH

**PAVEMENT ESTIMATED QUANTITIES**

**STA - 062 - 24.14**