

SHEET NUM.					PART.				ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4	8	9	10	11	01/S<2/PV	02/STR/PV	03/S<2/PV	04/S<2/PV						
	454								202	30000	454	SF	ROADWAY	
	115								202	32500	115	FT	WALK REMOVED	
		15.7							209	72050	15.7	MILE	CURB AND GUTTER REMOVED	
	454								608	10000	454	SF	PREPARING SUBGRADE FOR SHOULDER PAVING	
	1,147								608	52000	1,147	SF	4" CONCRETE WALK	
													CURB RAMP	
	36								608	53020	36	SF	DETECTABLE WARNING	
	32								609	12000	32	FT	COMBINATION CURB AND GUTTER, TYPE 2	
	57								202	30001	57	SF	WALK REMOVED, AS PER PLAN	3
													DRAINAGE	
5						1	4		611	98630	5	EACH	CATCH BASIN ADJUSTED TO GRADE	
1						1			611	99150	1	EACH	INLET ADJUSTED TO GRADE	
13						13			611	99654	13	EACH	MANHOLE ADJUSTED TO GRADE	
													PAVEMENT	
587						49	437	101	253	02000	587	CY	PAVEMENT REPAIR	
		82,593				25,787	6,577	49,209	254	01000	82,593	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"	
		21,421				2,063	15,337	3,939	407	20000	21,421	GAL	NON-TRACKING TACK COAT	
		7,368					7,368		408	10000	7,368	GAL	PRIME COAT	
		5,906				409	4,325	1,172	441	50000	5,906	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
		3,165					3,165		441	50200	3,165	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	
		1,602				669		890	442	10000	1,602	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)	
		1,152					1,152		617	10100	1,152	CY	COMPACTED AGGREGATE	
													WATER WORK	
5						5			638	10800	5	EACH	VALVE BOX ADJUSTED TO GRADE	
													TRAFFIC CONTROL	
		1,583				69	1,095	419	621	00100	1,583	EACH	RPM	
		1,583				69	1,095	419	621	54000	1,583	EACH	RAISED PAVEMENT MARKER REMOVED	
		21.54				1.17	16.56	3.81	642	00104	21.54	MILE	EDGE LINE, 6", TYPE 1	
		10.83				0.64	8.28	1.91	642	00300	10.83	MILE	CENTER LINE, TYPE 1	
		1.57				0.1		1.47	644	00104	1.57	MILE	EDGE LINE, 6"	
		2.34				0.93		1.35	644	00300	2.34	MILE	CENTER LINE	
		1,158				199		959	644	00400	1,158	FT	CHANNELIZING LINE, 8"	
		1,005						1,005	644	00404	1,005	FT	CHANNELIZING LINE, 12"	
		559				151	192	216	644	00500	559	FT	STOP LINE	
		627				221	84	322	644	00620	627	FT	CROSSWALK LINE, 12", STANDARD	
		120				120			644	00630	120	FT	CROSSWALK LINE, 24", HIGH VISIBILITY	
		941				348		593	644	00700	941	FT	TRANSVERSE/DIAGONAL LINE	
		243				187		56	644	00900	243	SF	ISLAND MARKING	
		4					4		644	01110	4	EACH	SCHOOL SYMBOL MARKING, 96"	
		29				11		18	644	01300	29	EACH	LANE ARROW	
		73						73	644	01510	73	FT	DOTTED LINE, 6"	
		200						200	644	01520	200	FT	DOTTED LINE, 12"	
	42								630	03100	42	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	14, 17
	14								630	80100	14	SF	SIGN, FLAT SHEET	14, 17
	14								644	20800	14	FT	YIELD LINE	14, 17
													TRAFFIC SIGNALS	
3							3		632	26500	3	EACH	DETECTOR LOOP	

DESIGN AGENCY



DESIGNER
 WBC
 REVIEWER
 MRF 12/20/21
 PROJECT ID
 104760
 SHEET TOTAL
 6 22

WAS-60-1.84 AND VARIOUS

MODEL: GENSUN+PGZ PAPER SIZE: 17x11 (in.) DATE: 4/19/2022 TIME: 10:36:06 AM USER: wdose
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SHEET NUM.					PART.				ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4	8	9	10	11	01/S<2/PV	02/STR/PV	03/S<2/PV	04/S<2/PV						
MAINTENANCE OF TRAFFIC														
58					4	40	14		614	12460	58	EACH	WORK ZONE MARKING SIGN	
				23.93	2.07	16.56	5.23	0.07	614	21100	23.93	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
				21.66	1.29	16.56	3.81		614	21500	21.66	MILE	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	
				2.27	0.78		1.42	0.07	614	21550	2.27	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
				1,486	199		1,287		614	23200	1,486	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT	
				1,486	199		1,287		614	23680	1,486	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT	
				468	86	192	163	27	614	26200	468	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	
				468	86	192	163	27	614	26610	468	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
				19	11		8		614	30200	19	EACH	WORK ZONE ARROW, CLASS I, 642 PAINT	
				19	11		8		614	30650	19	EACH	WORK ZONE ARROW, CLASS III, 642 PAINT	
				4		4			614	31744	4	EACH	WORK ZONE SCHOOL SYMBOL MARKING, 96", CLASS I, 642 PAINT	
				4		4			614	31750	4	EACH	WORK ZONE SCHOOL SYMBOL MARKING, 96", CLASS III, 642 PAINT	
INCIDENTALS														
					LS	LS	LS	LS	614	11000	LS		MAINTAINING TRAFFIC	
					LS	LS	LS	LS	623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	4
					LS	LS	LS	LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

WBC

REVIEWER

MRF 12/20/21

PROJECT ID

104760

SHEET

7

TOTAL

22

WAS-60-1.84 AND VARIOUS

MODEL: Sheet PAPER: 17x11 (in.) DATE: 4/19/2022 TIME: 10:36:20 AM USER: wdose
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SPLIT	STRAIGHT LINE MILES (SLM IS ROUNDED TO THE NEAREST 0.01 MILES)		DISTANCE (D) FT	AVERAGE WIDTH (W) FT	SURFACE AREA (A) A=DxW/9 SY	CADD GENERATED AREA SY	254	407	407	408	441	441	442	617	209	NOTES			
	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"	NON-TRACKING TACK COAT (0.05 GAL/SY)					NON-TRACKING TACK COAT (0.08 GAL/SY)	PRIME COAT GAL	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64+22 CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) CY	COMPACTED AGGREGATE CY	PREPARING SUBGRADE FOR SHOULDER PAVING MILE						
BEGIN	END					SY	GAL	GAL	GAL	CY	CY	CY	CY	MILE					
WAS-60																			
1	1.84	2.39	2904	24	7744	7744		620				323							
1	2.39	2.41	106	29	342	342		27				14							
1	2.41	2.59	950	34	3589	3589		287				150							
1	2.59	2.61	106	29	342	342		27				14							
1	2.61	2.73	634	24	1691	1691		135				70							
1	2.72	2.77	264	32	939	939		75				39							
1	2.77	2.79	106	36	424	424		34				18							
3	2.79	2.84	264	36	1056	1056		84				44							
3	2.84	2.88	211	41.5	973	973		78				41							
3	3.06	3.08	106	39	459	459		37				19							
3	3.08	3.48	2112	40	9387	9387		751				391							
3	3.48	3.68	1056	38	4459	4459		357				186							
WAS-821																			
3	0.00	0.01				410	410	33				17							
3	0.01	0.09	422	34	1594	1594		128				66							
3	0.09	0.17	422	25	1172	1172		94				49							
3	R84074		603			1557	1557	125				65							
WAS-676																			
2	12.42	12.80	2006	23.5	5238	5238		419		218									
2	12.80	17.75	26136	23.5	68244		3412	5460	4646	2370	1896		726	9.90					
2	17.75	17.83	422	42.0	1969		98	158	75	68	55		12	0.16					
2	17.83	20.65	14890	23.5	38879		1944	3110	2647	1350	1080		414	5.64					
2	20.65	20.70	264	23.5	689	689		55		29									
3	20.70	21.97	6706	23.5	17510	17510		1401		730									
3	21.97	22.06	475	12.0	633	633		51		26									
1	21.97	22.06	475	12.0	633	633		51		26									
1	22.06	22.49	2270	23.5	5927	5927		474		247									
3	22.49	23.08	3115	23.5	8134	8134		651		339									
1	23.08	23.25	898	23.5	2345	2345		188		98									
WAS-60 EXTRA AREAS																			
1	MATTHEW ST					376	376	30				16							
1	FRONT ST					118	118	9				5							
1	LINWOOD AVE					71	71	6				3							
1	SUNSET DR					94	94	8				4							
1	RATHBONE RD					120	120	10				5							
1	JULIAN AVE					40	40	3				2							
1	DAVIS AVE					167	167	13				6							
4	DAVIS AVE					1020	1020	82				43							
3	ODOT DRIVE					50	50	4				2							
3	WASCO DRIVE					85	85	7				4							
WAS-676 EXTRA AREAS																			
1	15 DRIVES AND MAILBOX TURNOUTS @ 35 SY EACH				525	525	42	22											
1	3 SIDE ROADS @ 100 SY EACH				300	300	24	13											
1	SAFETY EDGE						3												
3	34 DRIVES AND MAILBOX TURNOUTS @ 35 SY EACH				1190	1190	95	50											
3	4 SIDE ROADS @ 100 SY EACH				400	400	32	17											
3	SAFETY EDGE						10												
2	10 DRIVES AND MAILBOX TURNOUTS @ 35 SY EACH				350	350	28	15											
2	3 SIDE ROADS @ 100 SY EACH				300	300	24	13											
2	SAFETY EDGE						1												
2	101 DRIVES AND MAILBOX TURNOUTS @ 35 SY EACH				3535		177	283	123	98									
2	13 SIDE ROADS @ 100 SY EACH				1300		65	104	45	36									
2	SAFETY EDGE							93											
WAS-821 EXTRA AREAS																			
3	4 DRIVES @ 35 SY EACH				140	140	11	6											
SPLIT 1 TOTAL							25787	0	2063	0	409	0	669	0	0.00				
SPLIT 2 TOTAL							6577	5696	9641	7368	4325	3165	0	1152	15.70				
SPLIT 3 TOTAL							49209	0	3939	0	1172	0	890	0	0.00				
SPLIT 4 TOTAL							1020	0	82	0	0	0	43	0	0.00				
TOTALS CARRIED TO GENERAL SUMMARY							82593	5696	15725	7368	5906	3165	1602	1152	15.70				
							21421												

PAVEMENT SUBSUMMARY


DESIGN AGENCY	
DESIGNER	WBC
REVIEWER	MRF 12/20/21
PROJECT ID	104760
SHEET	9
TOTAL	22

WAS-60-1.84 AND VARIOUS

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SPLIT	STRAIGHT LINE MILES (SLM IS ROUNDED TO THE NEAREST 0.01 MILES)		DISTANCE (D) FT	DIRECTION	MARKING TYPE																				NOTES	
	BEGIN	END			RPM (WHITE)	RPM (WHITE/RED)	RPM (YELLOW/RED)	RPM (YELLOW/YELLOW)	RAISED PAVEMENT MARKER REMOVED	EDGE LINE, 6", TYPE 1	CENTER LINE, TYPE 1	EDGE LINE, 6", WHITE	EDGE LINE, 6", YELLOW	CENTER LINE	CHANNELIZING LINE, 8"	CHANNELIZING LINE, 12"	STOP LINE	CROSSWALK LINE, 12", (STANDARD)	CROSSWALK LINE, 24", (HIGH VISIBILITY)	TRANSVERSE/DIAGONAL LINE	ISLAND MARKING	SCHOOL SYMBOL MARKING, 96"	LANE ARROW	DOTTED LINE, 12", WHITE		DOTTED LINE, 6", YELLOW
					EACH	EACH	EACH	EACH	EACH	MILE	MILE	MILE	MILE	MILE	FT	FT	FT	FT	FT	FT	SF	EACH	EACH	FT	FT	
WAS-676																										
2	12.42	20.70	43718	EB/WB						16.56	8.28					192	84					4				
3	20.70	21.97	6706	EB/WB						2.54	1.27				36											
1	21.97	22.06	475	WB						0.09	0.04															
3	21.97	22.06	475	EB						0.09	0.05				12											
1	22.06	22.49	2270	EB/WB						0.86	0.43				12											
3	22.49	23.08	3115	EB/WB						1.18	0.59				36											
1	23.08	23.25	898	EB/WB						0.22	0.17				24											
2	12.42	12.55	686	EB/WB	14			17	31																	
2	12.55	12.66	581	EB/WB	2			7	9																	
2	12.66	12.69	158	EB/WB				4	4																	
2	12.69	12.79	528	EB/WB				7	7																	
2	12.79	20.70	41765	EB/WB				1044	1044																	
3	20.70	21.97	6706	EB/WB				168	168																	
1	21.97	22.06	475	WB				12	12																	
3	21.97	22.06	475	EB				12	12																	
1	22.06	22.49	2270	EB/WB				57	57																	
3	22.49	23.08	3115	EB/WB				78	78																	
1	23.08	23.25	898	EB/WB																						
WAS-60																										
1	1.84	1.87	158	NB/SB										0.02												
1	1.87	2.11	1267	NB/SB										0.22												
1	2.11	2.42	1637	NB/SB										0.33					67	44						
1	2.42	2.49	370	NB/SB										0.10	74							6				
1	2.49	2.54	264	NB/SB										0.05	75							4				
1	2.54	2.65	581	NB/SB										0.02	50				153	95		1				
1	2.65	2.69	211	NB/SB										0.04												
1	2.69	2.79	528	NB/SB										0.14		14	74		102	48						
3	2.79	2.83	211	NB/SB		4		4	8					0.04	216	24						3				
3	2.83	2.87	211	NB/SB				4	4					0.04												
3	2.87	2.97	528	NB/SB		2		2	4				0.08	0.14	418	24			136	205	56		6			
3	2.97	3.48	2693	NB/SB	7	7		48	62				0.59	0.80	325	475	23		252			9	200			
3	3.48	3.58	528	NB/SB	4	4		6	14				0.13	0.08		266	12									
3	3.58	3.68	528	NB/SB	16			5	21				0.16	0.08			12									
WAS-60 SIDE ROADS																										
1	MATTHEW ST			N/A									0.10			24		48	26							
1	SUNSET DR/RATHBONE RD			N/A												30		72								
1	JULIAN ST			N/A												10										
1	WALDO ST			N/A												10										
1	DAVIS AVE			N/A										0.01		27	147									
4	DAVIS AVE			N/A										0.06												
3	COLGATE DR			N/A										0.01		20	184									
WAS-60 DRIVES																										
3	ODOT DRIVE			N/A														69								
3	WASCO DRIVE			N/A														69								
WAS-821																										
3	RAMP R84074		612	NB/SB		7	4		11			0.11	0.06													
3	0.00	0.17	898	NB/SB	16			21	37			0.34		0.16		264	17							73		
SPLIT 1 TOTAL																										
SPLIT 2 TOTAL																										
SPLIT 3 TOTAL																										
SPLIT 4 TOTAL																										
TOTALS CARRIED TO GENERAL SUMMARY																										

PAVEMENT MARKING SUBSUMMARY


DESIGN AGENCY

 DESIGNER
WBC
 REVIEWER
MRF 12/20/21
 PROJECT ID
104760
 SHEET TOTAL
10 22

WAS-60-1.84 AND VARIOUS

MODEL: Sheet PAPER: 17x11 (in.) DATE: 4/19/2022 TIME: 10:36:34 AM USER: wdose
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SPLIT	STRAIGHT LINE MILES (SLM IS ROUNDED TO THE NEAREST 0.01 MILES)		DISTANCE (D) FT	DIRECTION	614	614	614	614	614	614	614	614	614	614	614	NOTES
	BEGIN	END			WORK ZONE CENTER LINE, CLASS I, 642 PAINT	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	WORK ZONE ARROW, CLASS I, 642 PAINT	WORK ZONE ARROW, CLASS III, 642 PAINT	
WAS-676																
2	12.42	20.70	43718	EB/WB	16.56	16.56				192	192			4	4	
3	20.70	21.97	6706	EB/WB	2.54	2.54				36	36					
1	21.97	22.06	475	WB	0.09	0.09										
3	21.97	22.06	475	EB	0.09	0.09				12	12					
1	22.06	22.49	2270	EB/WB	0.86	0.86				12	12					
3	22.49	23.08	3115	EB/WB	1.18	1.18				36	36					
1	23.08	23.25	898	EB/WB	0.34	0.34				24	24					
WAS-60																
1	1.84	1.87	158	NB/SB	0.02		0.02									MARION ST TO MATTHEW ST
1	1.87	2.11	1267	NB/SB	0.22		0.22									MATTHEW ST TO LINWOOD AVE
1	2.11	2.42	1637	NB/SB	0.33		0.33									LINWOOD AVE TO EGGSER RD
1	2.42	2.49	370	NB/SB	0.10		0.10	74	74			6	6			EGGSER RD TO SUNSET DR
1	2.49	2.54	264	NB/SB	0.05		0.05	75	75			4	4			RATHBONE RD TO JULIAN ST
1	2.54	2.65	581	NB/SB	0.02		0.02	50	50			1	1			JULIAN ST TO WALDO ST
1	2.65	2.69	211	NB/SB	0.04		0.04									WALDO ST TO RATHBONE LN
3	2.69	2.79	528	NB/SB	0.14		0.14			14	14					RATHBONE LN TO DAVIS AVE
3	2.79	2.83	211	NB/SB	0.04		0.04	216	216	24	24	3	3			DAVIS AVE TO ODOT DRIVE
3	2.83	2.87	211	NB/SB	0.04		0.04									ODOT DRIVE TO WASCO DRIVE
3	2.87	2.97	528	NB/SB	0.14		0.14	68	68			1	1			WASCO DRIVE TO COLGATE DR
3	2.97	3.48	2693	NB/SB	0.74		0.74	473	473			4	4			COLGATE DR TO SR-821 SPLIT
3	3.48	3.58	528	NB/SB	0.08		0.08	266	266	12	12					SR-821 SPLIT TO SR-821 INT
3	3.58	3.68	528	NB/SB	0.08		0.08			12	12					SR-821 INT TO END
WAS-60 SIDE ROADS																
1	SUNSET DR/RATHBONE RD			N/A						30	30					
1	JULIAN ST			N/A						10	10					
1	WALDO ST			N/A						10	10					
4	DAVIS AVE			N/A	0.07		0.07			27	27					
WAS-60 DRIVES																
3	ODOT DRIVE			N/A												
3	WASCO DRIVE			N/A												
WAS-821																
3	RAMP R84074			NB/SB				264	264							RAMP FROM SR-60 TO SR-821
3	0.00	0.17	898	NB/SB	0.16		0.16			17	17					
SPLIT 1 TOTAL					2.07	1.29	0.78	199	199	86	86	11	11	0	0	
SPLIT 2 TOTAL					16.56	16.56	0.00	0	0	192	192	0	0	4	4	
SPLIT 3 TOTAL					5.23	3.81	1.42	1287	1287	163	163	8	8	0	0	
SPLIT 4 TOTAL					0.07	0.00	0.07	0	0	27	27	0	0	0	0	
TOTALS CARRIED TO GENERAL SUMMARY					23.93	21.66	2.27	1486	1486	468	468	19	19	4	4	

MOT MARKING SUBSUMMARY

DESIGN AGENCY

 DESIGNER
 WBC
 REVIEWER
 MRF 12/20/21
 PROJECT ID
 104760
 SHEET TOTAL
 11 22