


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							
ROADWAY															
	454					155	143	156	202	30000	454	SF	WALK REMOVED		
	115							115	202	32500	115	FT	CURB AND GUTTER REMOVED		
		15.7							209	72050	15.7	MILE	PREPARING SUBGRADE FOR SHOULDER PAVING		
	454					155	143	156	608	10000	454	SF	4" CONCRETE WALK		
	1,147					40		1,107	608	52000	1,147	SF	CURB RAMP		
	36					36			608	53020	36	SF	DETECTABLE WARNING		
	32							32	609	12000	32	FT	COMBINATION CURB AND GUTTER, TYPE 2		
	57							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	687	CY	PAVEMENT REPAIR		
	82,593					25,787	6,577	49,209	1,020	254	01000	82,593	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"	
	21,421					2,063	15,337	3,939	82	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	43	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							42	630	03100	42	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	14, 17	
	14							14	630	80100	14	SF	SIGN, FLAT SHEET	14, 17	
	14							14	644	20800	14	FT	YIELD LINE	14, 17	
TRAFFIC SIGNALS															
3								3	632	26500	3	EACH	DETECTOR LOOP		

GENERAL SUMMARY

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 TOTAL
7 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	FT	FT	SY	SY	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			
TOTALS CARRIED TO GENERAL SUMMARY																
							25787	0	2063	0	409	0	669	0	0.00	
							6577	5696	9641	7368	4325	3165	0	1152	15.70	
							49209	0	3939	0	1172	0	890	0	0.00	
							1020	0	82	0	0	0	43	0	0.00	
							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

MODEL: Sheet PAPER: 17x11 (in.) DATE: 4/19/2022 TIME: 10:36:27 AM USER: wdose
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SPLIT	STRAIGHT LINE MILES (SLM IS ROUNDED TO THE NEAREST 0.01 MILES)		DISTANCE (D) FT	DIRECTION	621	621	621	621	621	642	642	644	644	644	644	644	644	644	644	644	644	644	644	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											
3	20.70	21.97	6706	EB/WB						2.54	1.27				36							4				
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																40' RPM SPACING	
2	12.55	12.66	581	EB/WB	2			7	9																80' RPM SPACING	
2	12.66	12.69	158	EB/WB				4	4																40' RPM SPACING	
2	12.69	12.79	528	EB/WB				7	7																80' RPM SPACING	
2	12.79	20.70	41765	EB/WB				1044	1044																40' RPM SPACING	
3	20.70	21.97	6706	EB/WB				168	168																40' RPM SPACING	
1	21.97	22.06	475	WB				12	12																40' RPM SPACING	
3	21.97	22.06	475	EB				12	12																40' RPM SPACING	
1	22.06	22.49	2270	EB/WB				57	57																40' RPM SPACING	
3	22.49	23.08	3115	EB/WB				78	78																40' RPM SPACING	
1	23.08	23.25	898	EB/WB																					NO RPMs	
WAS-60																										
1	1.84	1.87	158	NB/SB										0.02											MARION ST TO MATTHEW ST	
1	1.87	2.11	1267	NB/SB										0.22											MATTHEW ST TO LINWOOD AVE	
1	2.11	2.42	1637	NB/SB										0.33				67	44						LINWOOD AVE TO EGGSER RD	
1	2.42	2.49	370	NB/SB										0.10	74										EGGSER RD TO SUNSET DR	
1	2.49	2.54	264	NB/SB										0.05	75										RATHBONE RD TO JULIAN ST	
1	2.54	2.65	581	NB/SB										0.02	50			153	95						JULIAN ST TO WALDO ST	
1	2.65	2.69	211	NB/SB										0.04											WALDO ST TO RATHBONE LN	
1	2.69	2.79	528	NB/SB										0.14		14	74	102	48						RATHBONE LN TO DAVIS AVE	
3	2.79	2.83	211	NB/SB		4		4	8					0.04	216		24								DAVIS AVE TO ODOT DRIVE	
3	2.83	2.87	211	NB/SB				4	4					0.04											ODOT DRIVE TO WASCO DRIVE	
3	2.87	2.97	528	NB/SB		2		2	4					0.14	418		24	136	205	56					WASCO DRIVE TO COLGATE DR	
3	2.97	3.48	2693	NB/SB	7	7		48	62					0.59	325	475	23	252							COLGATE DR TO SR-821 SPLIT	
3	3.48	3.58	528	NB/SB	4	4		6	14					0.13	266		12								SR-821 SPLIT TO SR-821 INT	
3	3.58	3.68	528	NB/SB	16			5	21					0.16			12								SR-821 INT TO END	
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																						
3	WASCO DRIVE			N/A																						
WAS-821																										
3	RAMP R84074		612	NB/SB		7	4		11			0.11	0.06													RAMP FROM SR-60 TO SR-821
3	0.00	0.17	898	NB/SB	16			21	37			0.34		0.16			264	17								
SPLIT 1 TOTAL					0	0	0	69	69	1.17	0.64	0.00	0.10	0.93	199	0	151	221	120	348	187	0	11	0	0	
SPLIT 2 TOTAL					16	0	0	1079	1095	16.56	8.28	0.00	0.00	0.00	0	0	192	84	0	0	0	4	0	0	0	
SPLIT 3 TOTAL					43	24	4	348	419	3.81	1.91	1.41	0.06	1.35	959	1005	216	322	0	593	56	0	18	200	73	
SPLIT 4 TOTAL					0	0	0	0	0	0.00	0.00	0.00	0.00	0.06	0	0	0	0	0	0	0	0	0	0	0	
TOTALS CARRIED TO GENERAL SUMMARY					59	24	4	1496	1583	21.54	10.83	1.41	0.16	2.34	1158	1005	559	627	120	941	243	4	29	200	73	

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		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 ARROW, CLASS I, 642 PAINT	WORK ZONE ARROW, CLASS III, 642 PAINT	WORK ZONE SCHOOL SYMBOL MARKING, 96", CLASS I, 642 PAINT	WORK ZONE SCHOOL SYMBOL MARKING, 96", CLASS III, 642 PAINT	FT	FT	EACH	
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	23.06	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		612	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	1.66	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