

P:\DDT\0022_ASD-250-12.74\09129\Design\Roadway\Sheets\09129_Pavement Quantities.dgn Sheet 7/1/2021 2:14:10 AM cmt012

LOCATION	STATION		LENGTH FT	WIDTH (AVG.) FT	AREA SF	CADD GENERATED AREA SF	202	204	254	302	304	407	407	408	411	442	442									
	FROM	TO					PAVEMENT REMOVED SY	SUBGRADE COMPACTION SY	PAVEMENT PLANING, ASPHALT CONCRETE (T = 1.5") SY	5.5" ASPHALT CONCRETE BASE CY	6" AGGREGATE BASE CY	TACK COAT (0.055 GAL/SY) GAL	TACK COAT (0.085 GAL/SY) GAL	PRIME COAT (0.4 GAL/SY) GAL	8" STABILIZED CRUSHED AGGREGATE CY	1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446), AS PER PLAN (PG76-22M) CY	1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (446) CY									
WEST LEG FAULTLESS DR.	44+50.00	45+00.00	50.00	25.00	1250.00				138.89				11.81			5.79										
	45+00.00	45+12.00	12.00	27.00	324.00					5.50		5.94				1.50	1.75									
	45+00.00	45+12.00	12.00	33.17	398.04						44.23		7.37													
	45+12.00	46+72.95	160.95	24.00	3862.80					65.57		70.82				17.88	20.86									
	45+12.00	46+72.95	160.95	30.00	4828.50						536.50		89.42													
	46+72.95	47+59.80	86.85	26.42	2294.58					38.95		42.07				10.62	12.39									
LEFT	46+72.95	47+59.80	86.85	32.27	2802.65					311.41		51.90														
	47+59.80	49+08.72	148.92	18.32	2728.21							46.31		50.02		12.63	14.74									
	47+59.80	49+08.72	148.92	22.19	3304.53								61.20													
RIGHT	47+59.80	49+08.72	148.92	22.69	3378.99							375.44														
	47+59.80	48+91.77	131.97	15.32	2021.78							34.32		37.07		9.36	10.92									
	47+59.80	48+91.77	131.97	19.47	2569.46								47.58													
SOUTH LEG S.R. 60	47+59.80	48+91.77	131.97	19.98	2636.76							292.97														
	48+91.77	49+09.97	18.20	14.59	265.54								4.51		4.87		2.46	2.46								
	48+91.77	49+09.97	18.20	17.44	317.41									5.88												
	48+91.77	49+09.97	18.20	17.95	326.69								36.30													
	10+50.00	11+00.00	50.00	31.12	1556.00											172.89		14.70								
	10+50.00	11+84.24	134.24	36.55	4906.63																					
LEFT	10+50.00	11+84.24	134.24	37.22	4995.99								84.81		59.97		22.72	26.50								
	10+50.00	11+84.24	134.24	38.22	5130.37									95.01												
	10+50.00	11+84.24	134.24	39.56	5310.14								590.02													
	11+84.24	12+33.74	49.50	37.90	1876.03																					
	11+84.24	12+33.74	49.50	38.25	1893.31																					
	11+84.24	12+33.74	49.50	38.77	1919.24																					
	11+84.24	12+33.74	49.50	39.47	1953.84								217.09													
	12+33.74	12+93.16	59.42	34.21	2032.76																					
	12+33.74	12+93.16	59.42	40.24	2391.06									265.67												
	12+93.16	14+83.37	190.21	15.67	2980.59																					
	12+93.16	14+83.37	190.21	19.89	3783.28																					
	12+93.16	14+83.37	190.21	20.41	3882.19								431.35													
RIGHT	12+93.15	14+07.23	114.08	14.15	1614.23																					
	12+93.15	14+07.23	114.08	18.09	2063.71																					
	12+93.15	14+07.23	114.08	18.59	2120.75								235.64													
LEFT	14+07.23	14+83.37	76.14	14.86	1131.44																					
	14+07.23	14+83.37	76.14	18.02	1372.04																					
	14+07.23	14+83.37	76.14	18.54	1411.64								156.85													
RIGHT	10+50.00	11+83.78	133.78	3.69	493.65										197.46	12.19										
	10+50.00	12+33.74	183.74	3.71	681.68										272.67	16.83										
SUBTOTAL																										
TOTALS CARRIED TO SHEET 3							0.00	3493.47	311.78	443.82	571.86	478.03	26.50	470.13	29.02	134.77	141.66									

CALCULATED	SUJ
	CHECKED
MGM	
PAVEMENT CALCULATIONS	
ASD - 250 - 12.74	
1	3

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LOCATION	STATION		LENGTH FT	WIDTH (AVG.) FT	AREA SF	CADD GENERATED AREA SF	202	204	254	302	304	407	407	408	411	442	442									CALCULATED SUJ CHECKED MGM																				
	FROM	TO					PAVEMENT REMOVED SY	SUBGRADE COMPACTION SY	PAVEMENT PLANING, ASPHALT CONCRETE (7" = 1.5") SY	5.5" ASPHALT CONCRETE BASE CY	6" AGGREGATE BASE CY	TACK COAT (0.055 GAL/SY) GAL	TACK COAT (0.085 GAL/SY) GAL	PRIME COAT (0.4 GAL/SY) GAL	8" STABILIZED CRUSHED AGGREGATE CY	1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446), AS PER PLAN (PG76-22M) CY	1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (446) CY																													
EAST LEG U.S.R. 250																																														
LEFT																																														
	50+62.24	51+52.95	90.71	15.14	1373.35					23.31		25.18				6.36	7.42																													
	50+62.24	51+52.95	90.71	18.84	1708.98						31.65																																			
	50+62.24	51+52.95	90.71	19.35	1755.24						195.03																																			
	51+52.95	52+38.26	85.31	39.10	3335.67							40.77				15.44	18.02																													
	51+52.95	52+38.26	85.31	39.43	3363.38					57.09		20.55																																		
	51+52.95	52+38.26	85.31	40.90	3489.42						64.62																																			
	51+52.95	52+38.26	85.31	42.05	3587.18						398.58																																			
RIGHT																																														
	50+60.68	50+69.15	8.47	16.59	140.52					2.39		2.58				0.65	0.76																													
	50+60.68	50+69.15	8.47	19.07	161.52						2.99																																			
	50+60.68	50+69.15	8.47	19.53	165.42						18.38																																			
	50+69.15	52+38.26	169.11	15.40	2604.29					44.21		47.75				12.06	14.07																													
	50+69.15	52+38.26	169.11	19.33	3268.90						60.54																																			
	50+69.15	52+38.26	169.11	19.83	3353.45						372.61																																			
	52+38.26	53+10.05	71.79	53.41	3834.05							46.86				17.75	20.71																													
	52+38.26	53+10.05	71.79	54.05	3880.41					65.87		23.71																																		
	52+38.26	53+10.05	71.79	57.60	4134.89						76.57																																			
	52+38.26	53+10.05	71.79	58.76	4218.23						468.69																																			
	53+10.05	55+75.00	264.95	53.08	14063.84							171.89				65.11	75.96																													
	53+10.05	55+75.00	264.95	53.75	14240.87					241.74		87.03																																		
	53+10.05	55+75.00	264.95	54.75	14506.40						268.64																																			
	53+10.05	55+75.00	264.95	56.09	14860.45						1651.16																																			
	55+75.00	56+25.00	50.00	40.06	2003.00					222.56			18.92			9.27																														
NORTH LEG U.S.R. 250/S.R. 60																																														
LEFT																																														
	16+37.47	16+65.61	28.14	16.63	467.97					7.94		8.58				2.17	2.53																													
	16+37.47	16+65.61	28.14	19.68	553.80						10.26																																			
	16+37.47	16+65.61	28.14	20.21	568.71						63.19																																			
	16+65.61	17+91.01	125.40	13.49	1691.65					28.72		31.01				7.83	9.14																													
	16+65.61	17+91.01	125.40	17.42	2184.47						40.45																																			
	16+65.61	17+91.01	125.40	17.93	2248.42						249.82																																			
RIGHT																																														
	16+37.27	17+91.01	153.74	16.30	2505.96					42.54		45.94				11.60	13.54																													
	16+37.27	17+91.01	153.74	20.20	3105.55						57.51																																			
	16+37.27	17+91.01	153.74	20.70	3182.42						353.60																																			
	17+91.02	17+99.23	8.21	30.07	246.87					4.19		4.53				1.14	1.33																													
	17+91.02	17+99.23	8.21	36.02	295.72						32.86		5.48																																	
	17+99.23	18+50.00	50.77	60.08	3050.05							37.28				14.12	16.47																													
	17+99.23	18+50.00	50.77	60.41	3066.98					52.06		18.74																																		
	17+99.23	18+50.00	50.77	65.59	3330.13						61.67																																			
	17+99.23	18+50.00	50.77	67.04	3403.69						378.19																																			
	18+50.00	24+98.00	648.00	49.67	32186.16						3576.24		303.98			149.01																														
SUBTOTAL																																														
TOTALS CARRIED TO SHEET 3																																														
							0.00	4182.10	3798.80	570.07	680.37	612.40	322.90	0.00	0.00	312.52	179.94																													
																						2			3																					

PAVEMENT CALCULATIONS

ASD - 250 - 12.74

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LOCATION	STATION		LENGTH FT	WIDTH (AVG.) FT	AREA SF	CADD GENERATED AREA SF	202	204	254	302	304	407	407	408	411	442	442							
	FROM	TO					PAVEMENT REMOVED SY	SUBGRADE COMPACTION SY	PAVEMENT PLANING, ASPHALT CONCRETE (T = 1.5") SY	5.5" ASPHALT CONCRETE BASE CY	6" AGGREGATE BASE CY	TACK COAT (0.055 GAL/SY) GAL	TACK COAT (0.085 GAL/SY) GAL	PRIME COAT (0.4 GAL/SY) GAL	8" STABILIZED CRUSHED AGGREGATE CY	1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446), AS PER PLAN (PG76-22M) CY	1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (446) CY							
SLIP RAMP																								
	602+94.27	606+17.52	323.25	24.32	7860.58																			
	602+94.27	606+17.52	323.25	24.64	7966.44				135.23								36.39	42.46						
	602+94.27	606+17.52	323.25	26.17	8460.08																			
	602+94.27	606+17.52	323.25	27.35	8840.49																			
ROUNDABOUT CENTER CIRCLE																								
	100+18.55	100+70.08	51.53	23.21	1196.01																			
	100+18.55	100+70.08	51.53	26.14	1346.99																			
	100+70.08	100+98.48	28.40	30.66	870.74																			
	100+70.08	100+98.48	28.40	33.70	957.08																			
	100+98.48	101+32.07	33.59	19.89	668.11																			
	100+98.48	101+32.07	33.59	21.62	726.22																			
	100+98.48	101+32.07	33.59	22.14	743.68																			
	101+32.07	101+96.91	64.84	28.40	1841.46																			
	101+32.07	101+96.91	64.84	31.08	2015.23																			
	101+96.91	102+25.27	28.36	19.96	566.07																			
	101+96.91	102+25.27	28.36	21.67	614.56																			
	101+96.91	102+25.27	28.36	22.20	629.59																			
	102+25.27	103+54.13	128.86	22.95	2957.34																			
	102+25.27	103+54.13	128.86	26.34	3394.17																			
	103+54.13	103+79.52	25.39	19.93	506.02																			
	103+54.13	103+79.52	25.39	21.65	549.69																			
	103+54.13	103+79.52	25.39	22.17	562.90																			
	103+79.52	104+25.35	45.83	25.89	1186.54																			
	103+79.52	104+25.35	45.83	28.70	1315.32																			
	104+25.35	104+48.53	23.18	31.89	739.21																			
	104+25.35	104+48.53	23.18	34.32	795.54																			
	104+48.53	100+18.55	41.25	19.90	820.88																			
	104+48.53	100+18.55	41.25	21.65	893.06																			
	104+48.53	100+18.55	41.25	22.18	914.93																			
EXISTING PAVEMENT																								
FAULTLESS DR.	45+00.00	49+48.78			16999.02																			
S.R. 60	10+50.00	15+11.93			19272.09																			
U.S.R. 250	51+31.90	55+75.00			22309.55																			
U.S.R. 250/S.R. 60	16+35.24	18+50.00			12829.32																			
SLIP RAMP	603+15.11	605+32.77			5469.29																			
INTERSECTION	49+48.78	51+31.90			15104.78																			
SUBTOTAL FROM THIS SHEET							10220.45	1778.99	0.00	327.94	390.15	352.88	0.00	0.00	0.00	88.95	103.77							
SUBTOTAL FROM SHEET 1							0.00	3493.47	311.78	443.82	571.86	478.03	26.50	470.13	29.02	134.77	141.66							
SUBTOTAL FROM SHEET 2							0.00	4182.10	3798.80	570.07	680.37	612.40	322.90	0.00	0.00	312.52	179.94							
TOTALS CARRIED TO GENERAL SUMMARY							10220	9455	4111	1342	1642	1793	470	29	536	425								

CALCULATED	SUJ	CHECKED	MGM		
PAVEMENT CALCULATIONS					
ASD - 250 - 12.74					
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3					
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