5809

STATION FROM	STATION TO	LENGTH (FT.)	DESCRIPTION	UNITS	8" CONCRETE PAVEMENT	TIE BARS	SAWED JOINTS	PLANTMIX SURFACING AGGREGATE	PLANTMIX BASE AGGREGATE	OPEN GRADED PLANTMIX SURFACE AGGREGATE	CEMENT TREATED BASE AGGREGATE	AGGREGATE BASE TYPE 2 CLASS B	ASPHALT CEMENT 60-70 PENETRATION	LIQUID ASPHALT MC-70 (PRIME COAT)	LIQUID ASPHALT MC-250 (CURING SEAL, COAT AND SHLDR SEAL)	EMULSIFIED ASPHALT SS-1 (TACK COAT)	COLOR COATING	PORTLAND CEMENT (C.T.B.)	MIXING CEMENT TREATED BASE
					SQ. YD.	EACH	LIN. FT.	TON	TON	TON	TON	TON	TON	TON	TON	TON	GAL.	BBL.	SQ. YD.
58+40	81+92	2352	2 LANE EXPR TRAVELED WAY RT. (P.C.C.)	Per L Ft.	2.667	0.400	1.570				0.589	1.293			0.00214			0.110	2.667
				Quan.	6273	941	3693				1385.3	3041.1			5.03			258.72	6273
60+42	65+00	458	EXPR ESCAPE LANE RT. (W VARIES) (P.M.S.)	Per L Ft.															
				Quan.				74.4	66.9	12.7	11.3	286.6	8.57	0.49	0.04	0.32		2.11	51
67+17	71+45	428	EXPR AUXILIARY LANE RT. (P.M.S.)	Per L Ft.				0.259	0.229	0.0440	0.0246	1.017	0.0296	0.00198	0.0000892	0.00111		0.00458	0.111
				Quan.				110.9	98.0	18.8	10.5	435.3	12.67	0.85	0.04	0.48		1.96	48
81+92	85+69	377	3 LANE EXPR TRAVELED WAY RT. (P.C.C.)	Per L Ft.	4.000	0.800	2.355				0.884	1.939			0.00321			0.165	4.000
				Quan.	1508	302	888				333.3	731.0			1.21			62.21	1508
60+42	65+00	458	EXPR SHOULDER RT. TANGENT; 2:1 SIDE SLOPE	Per L Ft.				0.182	0.0186	0.0294		1.389	0.0136	0.00183		0.000612			
				Quan.				83.4	8.5	13.5		636.2	6.23	0.84		0.28			
65+00	65+97	97	EXPR. SHOULDER RT. TANGENT; 2:1 SIDE SLOPE	Per L Ft.				0.182		0.0294	0.0238	1.149	0.0127	0.00152	0.0000892	0.000588		0.00443	0.111
				Quan.				17.7		2.9	2.3	111.5	1.23	0.15	0.01	0.06		0.43	11
67+17	71+45	428	EXPR SHOULDER RT. TANGENT; 2:1 SIDE SLOPE	Per L Ft.				0.182	0.0186	0.0294		1.404	0.0136	0.00183		0.000612			
				Quan.				77.9	8.0	12.6		600.9	5.82	0.78		0.26			
72+73	75+80	307	EXPR SHOULDER RT. (W VARIES) TANGENT TO +7.5% SUPER; 2:1 SIDE SLOPE	Per L Ft.															
				Quan.				76.9		12.6	7.5	526.4	5.37	0.60	[illegible]	0.24		1.40	34
75+80	80+54	474	EXPR SHOULDER RT +7.5% SUPER; 2:1 SIDE SLOPE	Per L Ft.				0.180		0.0294	0.0238	1.336	0.0126	0.00149	[illegible]	0.000586		0.00443	0.111
				Quan.				85.3		13.9	11.3	633.3	5.97	0.71	0.04	0.28		2.10	53
81+92	84+75	283	EXPR SHOULDER RT +4% SUPER TO TANGENT; 2:1 SIDE SLOPE	Per L Ft.				0.182		0.0294	0.0238	1.149	0.0127	0.00152	0.0000892	0.000588		0.00443	0.111
				Quan.				51.5		8.3	6.7	325.2	3.59	0.43	0.03	0.17		1.25	31
84+75	85+69	94	EXPR SHOULDER RT. TANGENT; 2:1 SIDE SLOPE	Per L Ft.				0.182		0.0294	0.0238	1.149	0.0127	0.00152	0.0000892	0.000588		0.00443	0.111
				Quan.				17.1		2.8	2.2	108.0	1.19	0.14	0.01	0.06		0.42	10
58+40	85+69	2729	EXPR. MEDIAN	Per L Ft.				0.259			0.0491	1.278	[illegible]	[illegible]	0.000248	[illegible]		[illegible]	0.222
				Quan.				706.8			134.0	3487.7	[illegible]	6.40	1.31	[illegible]		24.34	606
58+40	63+69	529	3 LANE EXPR. TRAVELED WAY LT. (P.C.C.)	Per L Ft.	4.000	0.800	2.355				0.884	1.939			0.00321			0.165	4.000
				Quan.	2116	423	1246				467.6	1025.7			1.70			87.23	[illegible]
63+69	81+59	1790	2 LANE EXPR. TRAVELED WAY LT. (P.C.C.)	Per L Ft.	2.667	0.400	1.570				0.589	1.293			[illegible]			[illegible]	2.667
				Quan.	4774	716	2810				1054.3	2314.5			3.85			[illegible]	4774
76+59	81+59	500	EXPR AUXILIARY LANE LT. (P.M.S.)	Per L Ft.				0.259	[illegible]	0.0440	0.0246	1.017	[illegible]	[illegible]	[illegible]	0.00111		[illegible]	[illegible]
				Quan.				129.5	114.5	22.0	12.3	508.6	14.40	0.29	0.04	0.56		2.20	56
81+59	85+69	410	3 LANE EXPR. TRAVELED WAY LT. (P.C.C.)	Per L Ft.	4.000	0.800	2.355				0.884	1.939			0.00321			[illegible]	4.000
				Quan.	1640	328	966				362.4	795.0			1.32			[illegible]	1640
58+40	59+24	84	EXPR SHOULDER LT. TANGENT; 2:1 SIDE SLOPE	Per L Ft.				0.182		0.0294	0.0238	1.149	0.0127	[illegible]	0.0000892	0.000588		0.00443	0.111
				Quan.				15.3		[illegible]	2.0	96.5	1.07	0.13	0.01	0.05		0.37	9
61+65	63+69	204	EXPR. SHOULDER LT. TANGENT; 2:1 SIDE SLOPE	Per L Ft.				0.182		0.0294	0.0238	1.149	0.0127	0.00152	0.0000892	0.000588		0.00443	0.111
				Quan.				37.1		6.0	4.9	234.4	2.59	0.31	0.02	0.12		0.90	23
64+90	69+00	410	EXPR. SHOULDER LT. TANGENT; 2:1 SIDE SLOPE	Per L Ft.				0.182		0.0294	0.0238	1.149	0.0127	0.00152	0.0000892	0.000588		0.00443	0.111
				Quan.				74.6		12.1	9.8	471.2	5.21	0.62	0.04	0.24		1.82	46
69+00	71+70	270	EXPR. SHOULDER LT. (W VARIES) TANGENT; 2:1 SIDE SLOPE	Per L Ft.															
				Quan.				67.5		11.1	[illegible]	282.3	4.71	0.13	0.02	0.21		1.23	30
76+59	81+59	500	EXPR. SHOULDER LT. -7.5% SUPER; 2:1 SIDE SLOPE	Per L Ft.				0.182	0.0186	0.0294		1.404	0.0136	0.00183		0.000612			
				Quan.				91.0	9.3	14.7		702.0	6.80	0.92		0.31			
			EXPR PLANTMIX SHOULDER DIKE LT & RT	Per L Ft.															
				Quan.				13.0					0.78		0.05				
			I-15 EXPRESSWAY INTERSTATE TOTAL		16,311	2,710	9,603	1,730	306	167	3,825	17,633	128.90	13.89	15.78	4.40		713.99	17,319
85+69	87+98	229	3 LANE EXPR TRAVELED WAY RT. (P.C.C.)	Per L Ft.	4.000	0.800	2.355				0.884	1.939			0.00321			0.165	4.000
				Quan.	916	183	539				202.4	444.0			0.74			37.79	916
89+49	97+61	812	3 LANE EXPR. TRAVELED WAY RT. (P.C.C.)	Per L Ft.	4.000	0.800	2.355				0.884	1.939			0.00321			0.165	4.000
				Quan.	3248	650	1912				717.8	1574.5			2.61			133.38	3248
85+69	87+98	229	EXPR. SHOULDER RT. TANGENT: 2:1 SIDE SLOPE	Per L Ft.				0.182		0.0294	0.0238	1.149	0.0127	0.00152	0.0000892	0.000588		0.00443	0.111
				Quan.				41.7		6.7	5.5	263.1	2.91	0.35	0.02	0.13		1.01	25
89+49	94+00	451	EXPR. SHOULDER RT. TANGENT; 2:1 SIDE SLOPE	Per L Ft.				0.182		0.0294	0.0238	1.149	0.0127	0.00152	0.0000892	0.000588		0.00443	0.111
				Quan.				82.1		13.3	10.7	518.2	5.73	0.69	0.40	0.27		[illegible]	50
94+00	97+21	321	EXPR. SHOULDER RT -6% SUPER; 2:1 SIDE SLOPE	Per L Ft.				0.182		0.0294	0.0238	1.203	0.0127	0.00152	0.0000892	0.000588		0.00443	0.111
				Quan.				58.4		9.4	7.6	447.2	4.08	0.49	0.03	0.19		[illegible]	36
85+69	97+61	1041	EXPR. MEDIAN	Per L Ft.				0.259			0.0491	1.278	0.0155	[illegible]	0.000248	0.001276		[illegible]	0.222
				Quan.				269.6			51.1	1330.4	16.14	[illegible]	0.38	0.29		3.51	[illegible]
85+69	87+98	229	3 LANE EXPR. TRAVELED WAY LT. (P.C.C.)	Per L Ft.	4.000	0.800	2.355				0.884	1.939			0.00321			0.165	[illegible]
				Quan.	916	183	539				202.4	444.0			0.74			37.79	916
89+49	93+91	442	3 LANE EXPR. TRAVELED WAY LT. (P.C.C.)	Per L Ft.	4.000	0.800	2.355				0.884	1.939			0.00321			0.165	[illegible]
				Quan.	1768	354	1041				390.7	857.0			1.42			72.93	[illegible]
93+91	97+71	380	3 LANE EXPR TRAVELED WAY LT. (P.C.C.)	Per L Ft.	4.000	0.8000	2.355				0.884	1.939			0.00321			0.165	4.000
				Quan.	1520	304	895				335.5	736.8			1.22			62.70	1520
93+91	97+90	399	MISC. AREA LT. (P.C.C.).		399	40	235				88.2	193.4			0.32			16.50	399
85+69	87+98	229	EXPR. SHOULDER LT. TANGENT; 2:1 SIDE SLOPE	Per L Ft.				0.182		0.0294	0.0238	1.149	0.0127	0.00152	0.0000892	0.000588		0.00443	0.111
				Quan.				41.7		6.7	5.5	263.1	2.91	0.35	0.02	0.13		1.01	25
89+49	93+91	442	EXPR. SHOULDER LT. TANGENT; 2:1 SIDE SLOPE	Per L Ft.				0.182		0.0294	0.0238	1.149	0.0127	0.00152	0.0000892	0.000588		0.00443	0.111
				Quan.				80.4		13.0	10.5	507.9	5.61	0.67	0.04	0.25		1.96	49
			EXPR. PLANTMIX SHOULDER DIKE LT. & RT.	Per L Ft.															
				Quan.				45.0					2.70		0.17				
			F-006 EXPRESSWAY URBAN TOTAL		8,767	1,714	5,161	619		50	2,029	7,580	40.08	4.61	8.61	1.27		378.59	3,193

NOTE: 1. Quantities shown in the summaries for base and surface materials are theoretical and used for estimating purposes only. Actual spreads shall be varied as required to obtain the depths of the various courses shown on the typical section sheet.
2. Type 2 Class B Aggregate Base (Quantities include 8% by weight for moisture content).

THEORETICAL APPLICATION OF SURFACING MATERIALS

Liquid Asphalt MC-70 (Prime)	0.375 gal./sq. yd.
Emulsified Asphalt SS-1(dil.)	0.05 gal./sq. yd.
Emulsified Asphalt SS-1(dil.) Open Graded	0.10 gal./sq. yd.
Liquid Asphalt MC-250 (Seal)	0.125 gal./sq. yd.
Liquid Asphalt MC-250 (Curing Seal)	0.20 gal./sq. yd.
Asphalt Cement, 60-70	6.0%
Asphalt Cement, 60-70 (Open Graded)	6.0%
Open Graded Plantmix Surface	70 lb./sq. yd.
Portland Cement (C.T.B.)	3.5%
Asphalt Cement 60-70 (Plantmix Base)	5%
Dust Palative	0.50 gal./sq. yd.
Color Coat	7 gal./1,000 sq. ft.
Specific Gravity	2.65
Voids	10%

SUMMARY OF EARTH WORK QUANTITIES

	Project I-015-1(31)41	Project F-006-1(23)	Grand Total	Use
Roadway Exc. (cu.yd.)	9,270	0	9,270	9,270
Structure Exc. (cu.yd.)	9,551*	0	9,551*	9,560*
Borrow (cu. yd.)	470,093	0	470,093	470,100
Selected Borrow (cu.yd.)	24,600	0	24,600	24,600

* 9,288 cu.yd. used in Roadway Embankment

STATE OF NEVADA
DEPARTMENT OF HIGHWAYS

107V3833

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STATE	PROJECT NO	COUNTY	CONTROL SECTION	SHEET NO	TOTAL SHEETS
NEVADA	I-015-1(31)41 F-006-1(23)	CLARK	03-063 03-065	9	

Ref. Sheet 8-1