

SUMMARY OF SURFACING QUANTITIES

ITEM	TONS/ STATION	STATIONS	TOTAL	UNIT
PLANTMIX BITUMINOUS SURFACE AGGREGATE (TYPE 2) (COARSE) (2:1 SLOPE ALLOWANCE INCLUDED UNLESS OTHERWISE NOTED)				
5" DEPTH				
STA 14+20.81 TO STA 16+78.18	VARIES FROM 3.68' TO 15.19'	19.06	2.57	49 TON
STA 17+59.00 TO STA 18+92	12.38'	39.85	1.33	53 TON
STA 18+81.50 TO STA 20+00	5.26'	16.87	1.18	20 TON
STA 20+59.00 TO STA 26+34	VARIES FROM 4' TO 6'	18.61	5.75	107 TON
STA 20+72.00 TO STA 28+62	VARIES FROM 4.78' TO 10.60'	21.72	2.90	63 TON
STA 24+29.00 TO STA 24+74.45	VARIES FROM 0' TO 3.82'	13.20	0.45	6 TON
STA 25+68.00 TO STA 29+00	4.45'	14.76	3.32	49 TON
STA 30+12.00 TO STA 32+16	VARIES FROM 0' TO 24.45'	31.37	2.04	64 TON
STA 32+60.00 TO STA 33+39	VARIES FROM 0' TO 3.62'	10.13	0.79	8 TON
STA 34+00.00 TO STA 35+30	VARIES FROM 0' TO 6.16'	10.77	1.30	14 TON
STA 39+81.00 TO STA 40+63	VARIES FROM 2' TO 5'	7.32	0.82	6 TON
TOTAL			439	TON
USE TOTAL			440	TON

ITEM	TONS/ STATION	STATIONS	TOTAL	UNIT
TYPE I CLASS B AGGREGATE BASE				
10" DEPTH				
STA 14+20.81 TO STA 16+78.18	VARIES FROM 3.68' TO 15.19'	30.65	2.57	78 TON
STA 17+59.00 TO STA 18+92	12.38'	63.90	1.33	85 TON
STA 18+81.50 TO STA 20+00	5.26'	27.12	1.18	32 TON
STA 20+59.00 TO STA 26+34	VARIES FROM 4' TO 6'	29.91	5.75	172 TON
STA 20+72.00 TO STA 28+62	VARIES FROM 4.78' TO 10.60'	36.21	2.90	105 TON
STA 24+29.00 TO STA 24+74.45	VARIES FROM 0' TO 3.82'	17.78	0.45	8 TON
STA 25+68.00 TO STA 29+00	4.45'	24.09	3.32	80 TON
STA 30+12.00 TO STA 32+16	VARIES FROM 0' TO 24.45'	50.00	2.04	102 TON
STA 32+60.00 TO STA 33+39	VARIES FROM 0' TO 3.62'	16.46	0.79	13 TON
STA 34+00.00 TO STA 35+30	VARIES FROM 0' TO 6.16'	17.69	1.30	23 TON
STA 39+81.00 TO STA 40+63	VARIES FROM 2' TO 5'	10.97	0.82	9 TON
TOTAL			707	TON

ITEM	TONS/ STATION	STATIONS	TOTAL	UNIT
6" DEPTH				
SIDEWALK				
STA 20+06.00 TO STA 26+34.00	8'	30.09	6.28	189 TON
STREET LIGHT LOCATIONS				
STA 10+00.00 TO STA 40+25.00	8'	---	---	42 TON
TOTAL			938	TON
USE TOTAL			940	TON

THEORETICAL APPLICATION OF SURFACING MATERIALS		
PLANTMIX BITUMINOUS OPEN-GRADED SURFACE (AGGREGATE AND ASPHALT)	90.0	LBS. PER SQ. YD.
ASPHALT CEMENT GRADE PG 70-16 ^{PG 70-16} (OPEN-GRADED SURFACE)	6.0	PERCENT
ASPHALT CEMENT GRADE PG 70-16 ^{PG 70-16} (PLANTMIX SURFACE) (TYPE 2) (COARSE)	4.5	PERCENT
EMULSIFIED ASPHALT, TYPE SS-1H (SEAL COAT)	0.12	GAL. PER SQ. YD.
EMULSIFIED ASPHALT, TYPE SS-1H (PRIME COAT)	1ST APPLICATION 0.30 2ND APPLICATION 0.20	GAL. PER SQ. YD.
EMULSIFIED ASPHALT, TYPE SS-1H (DILUTED) (TACK COAT) (UNDER OPEN-GRADED SURFACE AND ON TOP OF EXISTING PLANTMIX)	0.07	GAL. PER SQ. YD.
MINERAL FILLER (HYDRATED LIME) (TO BE ADDED TO ALL PLANTMIX BITUMINOUS PRODUCTS)	1.5	PERCENT
SPECIFIC GRAVITY USED	2.75	

SUMMARY OF ROADWAY EXCAVATION (AREAS OF MEDIAN ISLAND RECONFIGURATION AND RIGHT TURN LANE WIDENING - INCLUDES BASE & SURFACE, SIDEWALKS AND CURB & GUTTER)	
LOCATION	QUANTITY
STATION 10+77.06 TO STATION 14+02.72	121 CU. YDS.
STATION 14+16.81 TO STATION 20+25.00	588 CU. YDS.
STATION 20+58.00 TO STATION 29+00.51	751 CU. YDS.
STATION 20+59.00 TO STATION 26+34.00 (RIGHT TURN LANE WIDENING)	693 CU. YDS.
STATION 30+12.00 TO STATION 33+50.00	462 CU. YDS.
STATION 34+00.00 TO STATION 40+63.00	775 CU. YDS.
TOTAL:	3890 CU. YDS.

AS BUILT

NOTE: QUANTITIES SHOWN IN THE SUMMARIES FOR SURFACING MATERIALS ARE THEORETICAL AND USED FOR ESTIMATING PURPOSES ONLY. ACTUAL SPREADS SHALL BE VARIED AS REQUIRED TO OBTAIN THE DEPTHS OF VARIOUS COURSES SHOWN ON THE TYPICAL SECTION SHEETS.

REVISIONS: AS BUILT

DATE: _____

DRAWN BY: DRF

CHECKED BY: TEP

DESIGNED BY: TEP

DATE: 01-08-96

JOB No. 94144

SHEET No. 3A

PLANNERS: _____

SURVEYORS: _____

ENGINEERS: _____

POGGEMEYER DESIGN GROUP

2801 NORTH TENAYA WAY LAS VEGAS, NEVADA 89128 (702) 255-8100

ENGINEER: _____

DEPARTMENT OF PUBLIC WORKS

PROJECT: DOWNTOWN ENTRY CORRIDOR IMPROVEMENTS

SHEET: SUMMARY SHEET

CITY OF LAS VEGAS

DRAWING NO. 3A

SUMMARY OF SURFACING QUANTITIES

ITEM	TONS/ STATION	STATIONS	TOTAL	UNIT
PLANTED STANDBY SURFACE ASPHALT (TYPE II) (GRADE) SET SLOPE ALLOWANCE INCLUDED UNLESS OTHERWISE NOTED				
C. GRADE				
STA 14+00.00 TO STA 16+00.00	WAVED FROM 2.00' TO 15.00'	20.00	2.07	48 TON
STA 17+00.00 TO STA 18+00.00	12.00'	20.00	1.53	33 TON
STA 19+00.00 TO STA 20+00.00	6.00'	10.00	1.08	23 TON
STA 20+00.00 TO STA 20+34.00	WAVED FROM 4' TO 8'	10.00	0.75	16 TON
STA 20+34.00 TO STA 20+60.00	WAVED FROM 4.00' TO 12.00'	16.00	3.00	63 TON
STA 21+00.00 TO STA 21+74.00	WAVED FROM 2' TO 2.00'	12.00	0.45	9 TON
STA 22+00.00 TO STA 22+00.00	6.00'	16.00	2.53	54 TON
STA 22+00.00 TO STA 22+18.00	WAVED FROM 4' TO 24.00'	20.00	3.08	64 TON
STA 22+18.00 TO STA 23+00.00	WAVED FROM 4' TO 2.00'	10.00	0.75	16 TON
STA 24+00.00 TO STA 24+00.00	WAVED FROM 4' TO 6.00'	10.00	1.30	27 TON
STA 25+00.00 TO STA 25+00.00	WAVED FROM 4' TO 8'	7.00	0.88	19 TON
TOTAL			4.98	104 TON
NET TOTAL			4.98	104 TON

ITEM	TONS/ STATION	STATIONS	TOTAL	UNIT
TYPE I GRADE II ASPHALT SURF				
C. GRADE				
STA 14+00.00 TO STA 16+00.00	WAVED FROM 2.00' TO 15.00'	20.00	2.07	78 TON
STA 17+00.00 TO STA 18+00.00	12.00'	20.00	1.53	58 TON
STA 19+00.00 TO STA 20+00.00	6.00'	10.00	1.19	45 TON
STA 20+00.00 TO STA 20+34.00	WAVED FROM 4' TO 8'	10.00	0.75	27 TON
STA 20+34.00 TO STA 20+60.00	WAVED FROM 4.00' TO 12.00'	16.00	3.00	108 TON
STA 21+00.00 TO STA 21+74.00	WAVED FROM 2' TO 2.00'	12.00	0.45	9 TON
STA 22+00.00 TO STA 22+00.00	6.00'	16.00	2.53	92 TON
STA 22+00.00 TO STA 22+18.00	WAVED FROM 4' TO 24.00'	20.00	3.08	112 TON
STA 22+18.00 TO STA 23+00.00	WAVED FROM 4' TO 2.00'	10.00	0.75	27 TON
STA 24+00.00 TO STA 24+00.00	WAVED FROM 4' TO 6.00'	10.00	1.30	45 TON
STA 25+00.00 TO STA 25+00.00	WAVED FROM 4' TO 8'	10.00	0.88	32 TON
TOTAL			20.7	778 TON

ITEM	TONS/ STATION	STATIONS	TOTAL	UNIT
C. GRADE				
STA 25+00.00 TO STA 26+00.00	0'	10.00	0.00	0 TON
EMULSION LIGHT GRADE				
STA 19+00.00 TO STA 20+00.00	0'	10.00	0.00	0 TON
TOTAL			0.00	0 TON
NET TOTAL			0.00	0 TON

THEORETICAL APPLICATION OF SURFACING MATERIALS			
PLANTED STANDBY OPEN-GRADED SURFACE (ADDITIONAL AND ASPHALT)	50.0	100 PER 100 YD.	
ASPHALT CEMENT BINDER (TYPE II) (OPEN-GRADED SURFACE)	6.0	PERCENT	
ASPHALT CEMENT BINDER (TYPE II) (PLANTED SURFACE) (TYPE II) (GRADE)	4.0	PERCENT	
CRUSHED ASPHALT, TYPE 50-10 (NET CONT)	0.15	100 PER 100 YD.	
CRUSHED ASPHALT, TYPE 50-10 (NET CONT)	187 APPLICATION 0.38	100 PER 100 YD.	
CRUSHED ASPHALT, TYPE 50-10 (NET CONT)	240 APPLICATION 0.30	100 PER 100 YD.	
CRUSHED ASPHALT, TYPE 50-10 (NET CONT) (1.00 CONT)	0.37	100 PER 100 YD.	
EMULSION OPEN-GRADED SURFACE (AS IN TOP OF STANDARD PLANTING)			
EMULSION FILLER (EMULSION LIME) (TO BE ADDED TO ALL PLANTED STANDBY PRODUCTS)	1.5	PERCENT	
SPREADING GRADENT SAND	0.70		

SUMMARY OF ROADWAY EXCAVATION	
INCHES OF EXCAVATION REQUIRED FOR EACH FOOT OF ROADWAY - INCLUDES GRADE II ASPHALT SURFACE AND CURB & GUTTER	
LOCATION	QUANTITY
STATION 14+00.00 TO STATION 14+46.00	127 CU. YDS.
STATION 16+00.00 TO STATION 20+00.00	280 CU. YDS.
STATION 20+00.00 TO STATION 20+34.00	700 CU. YDS.
STATION 20+34.00 TO STATION 20+60.00	600 CU. YDS.
STATION 21+00.00 TO STATION 21+74.00	482 CU. YDS.
STATION 22+00.00 TO STATION 22+18.00	442 CU. YDS.
STATION 22+18.00 TO STATION 23+00.00	770 CU. YDS.
TOTAL	2661 CU. YDS.

AS BUILT

NOTE: QUANTITIES SHOWN ARE THE REQUIREMENTS FOR SURFACING MATERIALS AND THE PROVISIONS AND COSTS FOR EXCAVATION IS SHOWN ONLY. ACTUAL QUANTITIES SHALL BE DETERMINED BY MEASUREMENT TO OBTAIN THE QUANTITIES OF MATERIALS REQUIRED FOR THE PROJECT. SEE DRAWINGS.

DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS
 PROJECT NUMBER 107-10110
 SHEET NO. 107-10110-10
 DATE 1954


