

CALCULATIONS AND SUB-SUMMARIES

CALC. BY R.L.P.
DATE 5-94
CHKD. BY P.W.W.
DATE 5-94

LAK - 2 - 4.51

OHIO
FHWA 5
REGION

9
40

STATION TO STATION	LENGTH FEET	AVE. WIDTH FEET	PAVEMENT AREA SQ. YDS.	202	203	301	304	448	448	407	407	609	611	448
				WEARING COURSE REMOVED	SUBGRADE COMPACTION	BITUMINOUS AGGREGATE BASE, PG 64-22	AGGREGATE BASE	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG 64-22	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64-22	TACK COAT FOR INTERMEDIATE COURSE	TACK COAT	CURB, TYPE 6	REINFORCED CONCRETE APPROACH SLAB, AS PER PLAN (T=15')	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG 64-22 (UNDER GUARDRAIL)
STA. 25+25.00 TO STA. 26+73.35	148.35	4	*97.29		97	13.5	10.8	6.1	3.4					
STA. 25+25.00 TO STA. 26+73.35	148.35	4	*73.48		74	10.2	8.2	4.6	2.6					
STA. 25+25.00 TO STA. 26+73.35	148.35	22.0	362.6	363				22.7	12.6	18.1	27.2			
STA. 25+98.00, 20.5'LT. TO STA. 26+96.39, 19'LT	98.4	3.0	32.8											2.7
STA. 26+19.13, 19'RT. TO STA. 26+70.34, 19'RT.	51.2	3.0	17.1											1.4
STA. 26+55.43, 15'RT. TO STA. 26+70.34, 14'RT.	15.0											15.0		
STA. 26+73.35 TO STA. 26+98.35	25.0	28.0	77.8		78		13.0						77.8	
STA. 26+81.48, 15'LT. TO STA. 26+96.39, 14'LT.	15.0											15.0		
STA. 29+82.19 TO STA. 30+07.19	25.0	28.0	77.8		78		13.0						77.8	
STA. 29+83.76, 14'RT. TO STA. 30+08.96, 17.84'RT.	56.0											56.0		
STA. 29+83.76, 19'RT. TO STA. 30+23.48, 38.62'RT.	48.1	3.0	16.0											1.3
STA. 30+07.19 TO STA. 30+40.00	32.8	4.5	*17.5			2.4	2.4	0.9	0.6					
STA. 30+07.19 TO STA. 30+40.00	32.8	28.0	102.04	102				5.0	3.5	5.1	7.7			
STA. 30+07.19 TO STA. 30+40.00	32.8	4.5	*9.9			1.4	1.1	0.5	0.3					
STA. 30+17.68, 19'LT. TO STA. 30+43.85, 12.91'LT.	26.0											26.0		
STA. 30+17.68, 19'LT. TO STA. 30+66.81, 20.47'LT.	48.6	3.0	16.2											1.3
STA. 30+40.00 TO STA. 30+65.00	25.0	4.5	*5.9			0.7	0.7	0.3	0.2					
STA. 30+40.00 TO STA. 30+65.00	25.0	4.5	*9.0			1.2	1.0	0.4	0.3					
TOTALS				465	327	29.4	50.2	40.5	23.5	23.2	35	112	155.6	6.7

* AREA FROM COMPUTER CALCULATION

APPROACH SLAB REMOVED				202				
STATION TO STATION	LENGTH FEET	AVE. WIDTH FEET	PAVEMENT AREA SQ. YDS.	SO. YDS.				
STA. 26+73.35 TO STA. 26+98.35	25.00	32.22	89.5	89.5				
STA. 29+82.19 TO STA. 30+07.19	25.00	32.22	89.5	89.5				
TOTALS				179.0				

MAINTENANCE OF TRAFFIC		622						
STATION	PORTABLE CONCRETE BARRIER, 32"	LN. FT.						
STA. 25+20.00		30						
STA. 30+60.00		70						
TOTALS		100						

ALL QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY.

ITEM 659 - WATER
120 GALLONS/1,000 S.F. OF PERMANENT SEEDING AND MULCHING
AREA FROM ITEM 659 - SEEDING AND MULCHING = 653 SQ. YDS.
653 x 9 / 1,000 x 120 GALLONS = 705.2 GAL. = 1 M GAL.

ITEM 659 - COMMERCIAL FERTILIZER
20 LBS. / 1,000 S.F. OF PERMANENT SEEDING AND MULCHING
AREA FROM ITEM 659 - SEEDING AND MULCHING = 653 SQ. YDS.
653 x 9 / 1,000 x 20 LBS. / TON = 0.06 TONS

ITEM 659 - AGRICULTURAL LIMING
100 LBS. / 1,000 S.F. OF PERMANENT SEEDING AND MULCHING
AREA FROM ITEM 659 - SEEDING AND MULCHING = 653 SQ. YDS.
653 x 9 / 1,000 x 100 LBS. / TON = 0.29 TONS