

LINE	DESCRIPTION/CALCULATION	QUANTITY	UNIT
<b>PAVEMENT SURFACE AREA</b>			
<b>SOUTHBOUND LANES</b>			
1	STA. 3+738.000 TO STA. 3+748.946 = 10.946 X 13.44 AVE WIDTH =	147.11	SQ METER
2	STA. 3+859.150 TO STA. 3+867.000 = 7.85 X 11.89 =	93.34	SQ METER
<b>PAVEMENT WIDENING</b>			
3	STA. 3+859.150 TO STA. 3+867.000 LT = 7.85 X 0.61 =	4.79	SQ METER
4	STA. 3+859.150 TO STA. 3+863.000 RT = 3.85 X 0.30 =	1.16	SQ METER
5	STA. 3+863.000 TO STA. 3+867.000 RT = 4.00 X 0.50 AVE WIDTH =	2.00	SQ METER
6	SUM OF LINES 1 THRU 5 =	248.40	SQ METER
<b>NORTHBOUND LANES</b>			
7	STA. 3+740.000 TO STA. 3+747.809 = 7.809 X 15.55 =	121.43	SQ METER
8	STA. 3+860.008 TO STA. 3+868.000 = 7.992 X 15.73 AVE WIDTH =	125.71	SQ METER
<b>PAVEMENT WIDENING</b>			
9	STA. 3+860.008 TO STA. 3+868.000 LT = 7.992 X 0.15 AVE WIDTH =	1.20	SQ METER
10	STA. 3+860.008 TO STA. 3+868.000 RT = 7.992 X 0.61 =	4.88	SQ METER
11	SUM OF LINES 7 THRU 10 =	253.22	SQ METER
<b>ITEM 448 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-28</b>			
12	SUM OF LINES 6 AND 11 = 501.62 X .032 TOTAL (448) =	16.05	CU METER
	<b>USE</b>	<b>16</b>	<b>CU METER</b>
<b>ITEM 448 ASPHALT CONCRETE, INTERMEDIATE COURSE, TYPE 1, PG64-22, UNDER GUARDRAIL, AS PER PLAN</b>			
<b>SOUTHBOUND</b>			
13	STA. 3+738.000 TO STA. 3+748.946 LT = 10.946 X 1.22 X 0.050 =	0.67	CU METER
<b>NORTHBOUND</b>			
14	STA. 3+738.924 TO STA. 3+747.809 LT & RT = 8.885 X 1.22 X 0.050 X 2 =	1.08	CU METER
<b>SOUTHBOUND</b>			
15	STA. 3+859.150 TO STA. 3+868.035 LT & RT = 8.885 X 1.22 X 0.050 X 2 =	1.08	CU METER
<b>NORTHBOUND</b>			
16	STA. 3+860.008 TO STA. 3+868.000 RT = 7.992 X 1.22 X 0.050 =	0.49	CU METER
17	SUM OF LINES 13 THRU 16 TOTAL (448) =	3.32	CU METER
	<b>USE</b>	<b>4</b>	<b>CU METER</b>
<b>ITEM 203 LINEAR GRADING, AS PER PLAN</b>			
<b>SOUTHBOUND</b>			
18	STA. 3+738.000 TO STA. 3+748.946 LT =	10.946	METER
<b>NORTHBOUND</b>			
19	STA. 3+738.924 TO STA. 3+747.809 LT & RT = 8.885 X 2 =	17.77	METER
<b>SOUTHBOUND</b>			
20	STA. 3+859.150 TO STA. 3+868.035 LT & RT = 8.885 X 2 =	17.77	METER
<b>NORTHBOUND</b>			
21	STA. 3+860.008 TO STA. 3+868.000 RT = 7.992 =	7.992	METER
22	SUM OF LINES 18 THRU 21 TOTAL (203) =	54.478	METER
	<b>USE</b>	<b>55</b>	<b>METER</b>
<b>ITEM 407 TACK COAT</b>			
23	SUM OF LINES 6 AND 11 = 501.62 X 0.50 TOTAL (407) =	250.81	LITER
	<b>USE</b>	<b>251</b>	<b>LITER</b>
<b>ITEM 611 REINFORCED CONCRETE APPROACH SLAB (T=380 mm), AS PER PLAN</b>			
<b>SOUTHBOUND</b>			
24	STA. 3+748.946 TO STA. 3+756.546 = 7.6 X 13.726 =	104.32	SQ METER
25	STA. 3+851.550 TO STA. 3+859.150 = 7.6 X 13.726 =	104.32	SQ METER
<b>NORTHBOUND</b>			
26	STA. 3+747.809 TO STA. 3+755.409 = 7.6 X 17.386 =	132.13	SQ METER
27	STA. 3+852.408 TO STA. 3+860.008 = 7.6 X 17.386 =	132.13	SQ METER
28	SUM OF LINES 24 THRU 27 TOTAL (611) =	472.90	SQ METER
	<b>USE</b>	<b>473</b>	<b>SQ METER</b>

LINE	DESCRIPTION/CALCULATION	QUANTITY	UNIT
<b>ITEM 305 260 mm CONCRETE BASE</b>			
29	AREA FROM LINES 3 THRU 5 =	7.95	SQ METER
30	AREA FROM LINES 9 AND 10 =	6.08	SQ METER
31	SUM OF LINES 29 AND 30 TOTAL (305) =	14.03	SQ METER
	<b>USE</b>	<b>14</b>	<b>SQ METER</b>
<b>ITEM 304 AGGREGATE BASE</b>			
32	AREA FROM LINES 24 THRU 27 =	472.90	SQ METER
33	LENGTH FROM LINE 24 THRU 27 = 30.40 X 0.30 X 2 =	18.24	SQ METER
34	AREA FROM LINE 31 =	14.03	SQ METER
35	SUM OF LINES 32 THRU 34 = 505.17 X 0.15 TOTAL (304) =	75.78	CU METER
	<b>USE</b>	<b>76</b>	<b>CU METER</b>
<b>ITEM 203 SUBGRADE COMPACTION</b>			
36	AREA FROM LINE 28 TOTAL (203) =	473	SQ METER
<b>ITEM 830 CURB, TYPE 6</b>			
<b>SOUTHBOUND LANES</b>			
37	STA. 3+859.150 TO STA. 3+867.000 LT =	7.85	METER
38	STA. 3+859.150 TO STA. 3+867.000 RT =	7.85	METER
<b>NORTHBOUND LANES</b>			
39	STA. 3+860.008 TO STA. 3+868.000 LT =	7.992	METER
40	STA. 3+860.008 TO STA. 3+868.000 RT =	7.992	METER
41	SUM OF LINES 37 THRU 40 TOTAL (830) =	31.684	METER
	<b>USE</b>	<b>32</b>	<b>METER</b>
<b>ITEM 202 WEARING COURSE REMOVED</b>			
42	AREA FROM LINES 1 AND 2 =	240.45	SQ METER
43	AREA FROM LINES 7 AND 8 =	247.14	SQ METER
44	SUM OF LINES 42 AND 43 TOTAL (202) =	487.59	SQ METER
	<b>USE</b>	<b>488</b>	<b>SQ METER</b>
<b>ITEM 202 APPROACH SLAB REMOVED</b>			
45	STA. 3+747.507 TO STA. 3+755.127 RT = 7.62 X 10.973 =	83.61	SQ METER
46	STA. 3+749.104 TO STA. 3+756.724 LT = 7.62 X 7.315 =	55.74	SQ METER
47	STA. 3+851.721 TO STA. 3+859.341 LT = 7.62 X 7.315 =	55.74	SQ METER
48	STA. 3+852.562 TO STA. 3+855.458 RT = 2.896 X 10.973 =	31.78	SQ METER
49	STA. 3+855.458 TO STA. 3+860.182 RT = 4.724 X 10.857 AVE WIDTH =	51.29	SQ METER
50	SUM OF LINES 45 THRU 49 TOTAL (202) =	278.16	SQ METER
	<b>USE</b>	<b>278</b>	<b>SQ METER</b>
<b>ITEM 659 FERTILIZER (PERMANENT SEEDING AREA)</b>			
51	TOTAL SEEDING AND MULCHING (FROM GENERAL SUMMARY) =	1,553	SQ METER
52	LINE 51 X 0.10 = 1,553 X 0.10 TOTAL (659) =	155.30	KILOGRAM
	<b>USE</b>	<b>155</b>	<b>KILOGRAM</b>
<b>ITEM 659 WATER</b>			
53	LINE 51 = 1,553 X 10 CU METER / 1000 SQ M TOTAL (659) =	15.5	CU METER
	<b>USE</b>	<b>16</b>	<b>CU METER*</b>
<b>ITEM 877 TEMPORARY SEEDING AND MULCHING</b>			
54	LINE 51 X 20% = 1,553 X .20 =	310.6	SQ METER
	<b>USE</b>	<b>311</b>	<b>SQ METER*</b>
* QUANTITIES CARRIED TO THE GENERAL NOTES ALL OTHER QUANTITIES CARRIED TO THE GENERAL SUMMARY			