

SUB-SUMMARIES

FOR TYPICAL SECTIONS
SEE SHEETS 3, 4 & 5.

* EXTRA AREA BY PLANIMETER

** WIDENING AREA ONLY
BY PLANIMETER

PAVEMENT SUB-SUMMARY									404	402	403	407	404	305	301	301	304	310	310	SPECIAL	611	612
									1 1/2" ASPHALT CONCRETE, AC-20	1 1/2" ASPHALT CONCRETE, AC-20	ASPHALT CONCRETE, AC-20 (3/4" AVG. THK.)	TACK COAT	3" ASPHALT CONCRETE, AC-20, UNDER GUARDRAIL	9" CONCRETE BASE	9" BITUMINOUS AGGREGATE BASE, AC-20	3" BITUMINOUS AGGREGATE BASE, FOR SHOULDERS	6" AGGREGATE BASE, AS PER PLAN	6" SUBBASE TYPE II, AS PER PLAN	SUBBASE, TYPE II, AS PER PLAN (5" AVERAGE THICKNESS)	PRESSURE RELIEF JOINT, TYPE C	REINFORCED CONCRETE APPROACH SLAB (T=15')	4" CONCRETE TRAFFIC ISLAND
ROUTE	STATION TO STATION	LENGTH (FT.)	WIDTH (FT.)	PAVEMENT		BERM		C.Y.	C.Y.	C.Y.	GALLON	C.Y.	S.Y.	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.	L.F.	S.Y.	S.Y.	
RT. 306	STA. 22+35.88 TO STA. 23+25.70	89.82	64.0	638.7	47.4	-	-	22.2	31.0	-	63.9	-	-	11.9	-	7.9	9.6	-	-	-	-	
RT. 306	STA. 23+25.70 TO STA. 24+25	99.3	64.0	706.1	114**	-	-	24.5	34.3	14.7	70.6	-	114.0	-	-	19.0	-	-	-	-	-	
RT. 306	STA. 24+25 TO STA. 25+15	90	64.0	640.0	-	-	-	22.2	31.1	13.3	64.0	-	-	-	-	-	-	-	-	-	-	
RT. 306	STA. 25+15 TO STA. 27+61.55	246.55	64.0	1753.2	355.0**	-	-	60.9	85.2	36.5	175.3	-	-	-	-	59.2	-	-	-	-	-	
RT. 306	STA. 27+61.55 TO STA. 27+86.55	25.0	64.0	177.8	-	-	-	-	-	-	-	-	-	-	-	30.1	-	-	-	180.6	-	
RT. 306	STA. 31+78.81 TO STA. 32+03.81	25.0	64.0	177.8	-	-	-	-	-	-	-	-	-	-	-	30.1	-	-	-	180.6	-	
RT. 306	STA. 32+03.81 TO STA. 35+12.50	308.69	64.0	2195.1	323.8**	-	-	76.2	106.7	-	219.5	-	-	-	-	54.0	-	-	-	-	-	
RT. 306	STA. 35+12.50 TO STA. 35+50	37.50	64.0	266.7	34.6**	-	-	9.3	13.0	-	26.7	-	-	-	-	5.8	-	-	-	-	-	
RT. 306	STA. 35+50 TO STA. 38+30	280.0	64.0	1991.1	178.9	-	-	64.8	7.8	-	199.1	-	-	44.7	-	29.8	35.0	-	-	-	-	
RAMP F-6	STA. 7+65 TO STA. 8+39.72	74.72	26.0	254.7*	22.2**	-	-	8.8	7.6	-	25.5	-	-	-	-	3.7	-	-	-	-	-	
RAMP F-4	STA. 0+46.26 TO STA. 1+34.49	88.23	17.0	277.3*	33.3**	-	-	9.6	9.3	-	27.7	-	-	-	-	5.6	-	-	-	-	-	
RAMP F-5	STA. 0+46.26 TO STA. 1+44.49	98.23	26.0	244.9*	154.9**	-	-	8.5	9.4	-	24.5	-	-	-	-	25.8	-	-	-	-	-	
RAMP F-5	STA. 1+44.49 TO STA. 4+00	255.51	7.0	-	198.7	3.0	85.2	6.9	9.7	-	19.9	-	-	7.1	14.2	-	-	39.4	-	-	-	
RAMP F-5	STA. 4+00 TO STA. 4+40	40.00	6.0 (AVG.)	-	26.7	3.0	13.3	0.9	1.3	-	2.7	-	-	1.1	2.2	-	-	5.6	-	-	-	
RAMP F-5	STA. 4+40 TO STA. 5+00	60.00	3.5 (AVG.)	-	23.3	4.5 (AVG.)	30.0	0.8	1.1	-	2.3	-	-	2.5	5.0	-	-	7.4	-	-	-	
RAMP F-2	STA. 13+95 TO STA. 14+91.51	96.51	17.0	168.9*	-	-	-	5.9	5.2	-	16.9	-	-	-	-	-	-	-	-	-	-	
RAMP F-1	STA. 13+95 TO STA. 14+91.51	96.51	17.0	308.0*	7.6**	-	-	10.7	10.8	-	30.8	-	-	-	-	1.3	-	-	-	-	-	
RAMP F-3	STA. 8+33 TO STA. 8+97.13	64.13	16.0	143.6*	46.2**	-	-	5.0	3.6	-	14.4	-	-	-	-	7.7	-	-	-	-	-	
RT. 306	STA. 27+03.67, LT TO STA. 27+09, RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64.2	-	-	
RT. 306	STA. 32+67.67, LT TO STA. 32+73, RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64.2	-	-	
RT. 306	TRAFFIC ISLAND, RAMPS F-4 & F-5 RT	-	-	138.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138.9	
RT. 306	TRAFFIC ISLAND, RAMPS F-1 & F-2, LT	-	-	121.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	121.7	
RT. 306	STA. 36+94 TO STA. 37+00, LT. TO RT.	6.0	62.0	41.3	-	-	-	-	2.0	-	4.1	-	-	-	6.9	-	-	-	-	-	-	
RT. 306	STA. 27+22 TO STA. 27+28, LT. TO RT.	6.0	52.0	34.7	-	-	-	-	-	-	-	-	-	-	5.8	-	-	-	-	-	-	
RT. 306	STA. 33+22 TO STA. 33+28, LT. TO RT.	6.0	52.0	34.7	-	-	-	-	-	-	-	-	-	-	5.8	-	-	-	-	-	-	
TOTALS									342	369	65	988	52.1^	1451	96	11	346	97	52.4	128	361	261

QUANTITY CALCULATIONS

ITEM 404, 3" ASPHALT CONCRETE, AC-20, UNDER GUARDRAIL

ITEM 606, GUARDRAIL REBUILT, TYPE 5, 1,875 L.F. (SHEET 20)

$1,875' \times 3' + 9 = 625 \text{ S.Y.}$
 $625 (3" + 12" + 3") = 52.1 \text{ C.Y.}^{\wedge}$

PAVEMENT REPLACEMENT (MEDIAN REMOVED, CONSTR. @)
 WIDTH: 2' LENGTH: 703.7'
 AREA = $703.7' \times 2' + 9 = 156.4 \text{ S.Y.}$

ITEM 301, 9" BITUMINOUS, AGGREGATE BASE, AC-20
 $156.4 (9" + 12" + 3) = 39.1 \text{ C.Y.}^{\wedge\wedge}$

ITEM 304, 6" AGGREGATE BASE, AS PER PLAN
 $156.4 (6" + 12" + 3) = 26.1 \text{ C.Y.}^{\wedge\wedge}$

NOTE : AREA OF CURB RAMP NOT DEDUCTED							608	608
SIDE WALK SUB-SUMMARY							4" CONCRETE WALK	CURB RAMP TYPE 2
SHEET NUMBER	STATION TO STATION	SIDE	LENGTH (FT.)	SUBTRACT FOR DRIVES	LENGTH x WIDTH	S.F.	EACH	
25	STA. 22+38 TO STA. 23+42	LT.	104	-	104 X 7	728	1	
25	STA. 23+87 TO STA. 26+00	LT.	213	-	213 X 7	1491	1	
25	STA. 21+85 TO STA. 24+25	RT.	240	-	240 X 7	1680	2	
25	STA. 25+42 TO STA. 26+00	RT.	58	-	58 X 7	406	1	
26	STA. 26+00 TO STA. 27+06	LT.	106	-	106 X 7	742	-	
26	STA. 26+00 TO STA. 27+94	LT.	194	-	194 X 7	1358	-	
26	STA. 27+06 TO STA. 27+31	LT.	25	-	25 X 5.75	143.7	-	
26	STA. 27+31 TO STA. 27+54.8	RT.	23.8	-	23.8 X 4.5	107.1	-	
26	STA. 27+94 TO STA. 28+19	RT.	25	-	25 X 5.75	143.7	-	
26	STA. 28+19 TO STA. 28+30.3	LT.	11.3	-	11.3 X 4.5	50.8	-	
27	STA. 31+47 TO STA. 31+57.9	LT.	10.9	-	10.9 X 4.5	49.1	-	
27	STA. 31+57.9 TO STA. 31+82.9	RT.	25	-	25 X 5.75	143.7	-	
27	STA. 32+22.6 TO STA. 32+45.8	RT.	23.2	-	23.2 X 4.5	104.4	-	
27	STA. 32+45.8 TO STA. 32+70.8	LT.	25	-	25 X 5.75	143.7	-	
27	STA. 31+82.9 TO STA. 33+88	RT.	205.1	-	205.1 X 7	1435.7	1	
27	STA. 32+70.8 TO STA. 34+00	LT.	129.2	-	129.2 X 7	904.4	-	
29	STA. 34+95 TO STA. 37+70	LT.	275	-	275 X 7	1925	2	
29	STA. 37+70 TO STA. 38+30	RT.	60	-	60 X 5	300	-	
29	STA. 34+00 TO STA. 34+95	RT.	95	-	95 X 7	665	1	
29	STA. 35+27 TO STA. 37+70	RT.	243	-	243 X 7	1701	1	
29	STA. 37+70 TO STA. 38+30	RT.	60	-	60 X 5	300	-	
25	TRAFFIC ISLAND RAMP F-4 & F-5	LT.	-	-	-	-	2	
29	TRAFFIC ISLAND RAMP F-1 & F-2	RT.	-	-	-	-	2	
TOTALS							14,523	14

CURB SUB-SUMMARY				609	609	609	609
SHEET NUMBER	STATION TO STATION	CURB, TYPE 2-B, L.F.	CURB, TYPE 2-B, AS PER PLAN L.F.	CURB, TYPE 6 L.F.	CURB, TYPE 2-A, AS PER PLAN L.F.		
25	STA. 22+35.88 TO STA. 23+25.70, LT. (306)	-	-	-	-	-	-
25	STA. 23+25.70, LT. (306) TO STA. 8+00.76, LT. (F-6)	-	80.6	-	-	-	-
25 & 26	STA. 8+00.76, RT. (F-6) TO STA. 27+34.76, LT. (306)	-	408.1	-	-	-	-
25	STA. 22+35.88 TO STA. 23+25.70, RT. (306)	-	-	89.8	-	-	-
25	STA. 23+25.70, RT. (306) TO STA. 0+82.31, LT. (F-4)	142.4	-	-	-	-	-
25 & 26	STA. 1+44.49, RT. (F-5) TO STA. 27+99.92, RT. (306)	336.2	-	-	-	-	-
26	STA. 27+34.76 TO STA. 27+57.59 (306) LT.	-	-	-	22.8	-	-
26	STA. 27+99.92 TO STA. 28+27.09 (306) RT.	199.9	-	-	27.2	-	-
27	STA.31+49.85 TO STA. 31+77.02 (306) LT.	-	-	-	27.2	-	-
27	STA. 32+19.35 TO STA. 32+42.18 (306) RT.	-	-	-	22.8	-	-
27 & 29	STA. 31+77.02, LT. (306) TO STA. 13+99.09, LT. (F-2)	-	289.3	-	-	-	-
29	STA. 14+64.67, RT. (F-3) TO STA. 35+50, LT. (306)	-	97.1	-	-	-	-
29	STA. 35+50 TO STA. 38+30, LT. (306)	-	-	280	-	-	-
27 & 29	STA. 32+42.18 TO STA. 34+84, RT. (306)	241.8	-	-	-	-	-
29	STA. 34+84, RT. (306) TO STA. 8+42.67, LT. (F-3)	-	69.2	-	-	-	-
29	STA. 8+42.67, RT. (F-3) TO STA. 35+50, RT. (306)	85.4	-	-	-	-	-
29	STA. 35+50 TO STA. 38+30, RT. (306)	-	-	280	-	-	-
25 & 42	MEDIAN BETWEEN F-4 & F-5	-	195.5	-	-	-	-
29 & 43	MEDIAN BETWEEN F-1 & F-2	-	174.1	-	-	-	-
TOTALS				1006	1314	740	100