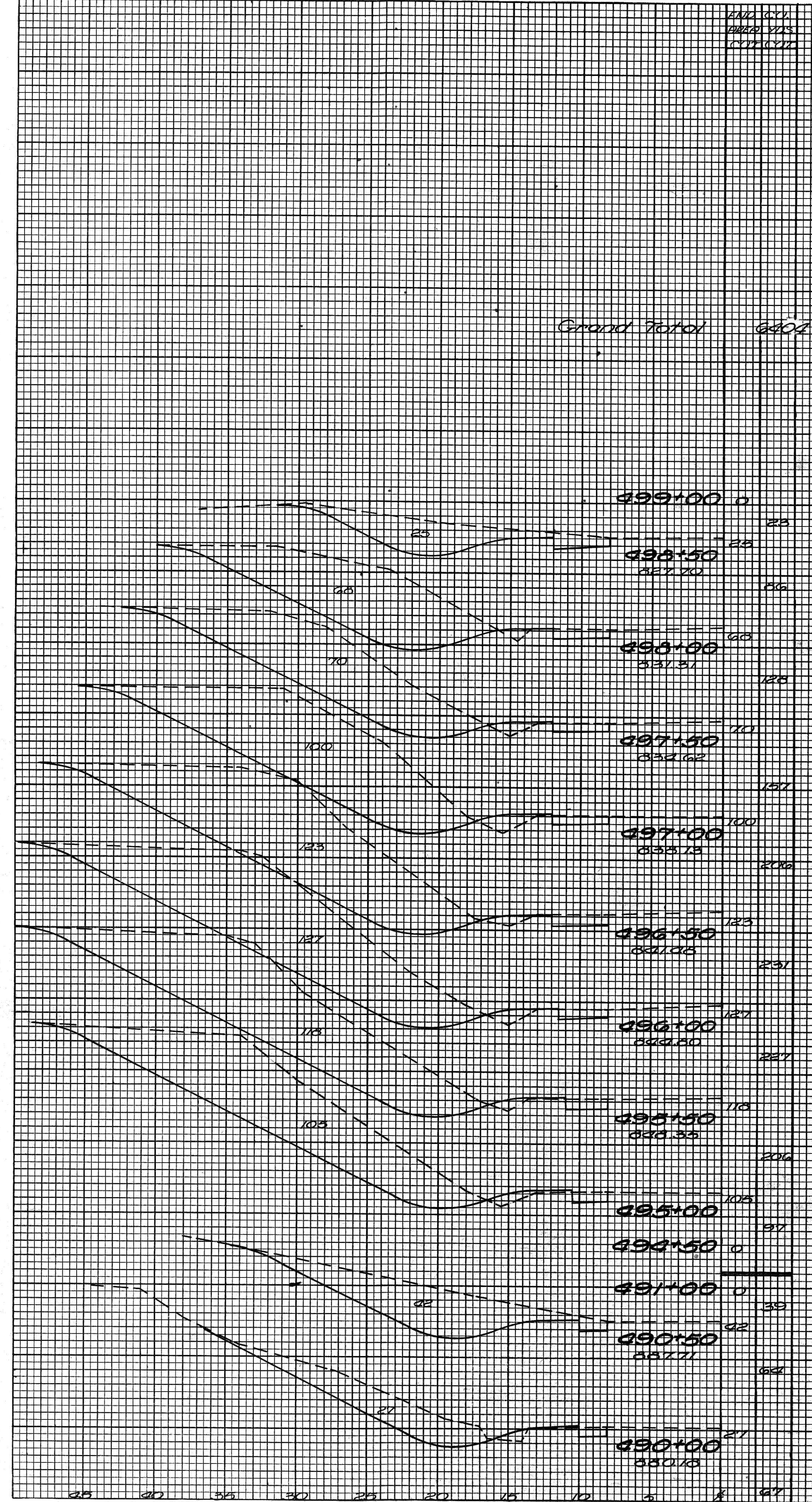




LINE NO.	CALCULATIONS	AMOUNT	UNIT
1	LENGTH OF WIDENING AND RESURFACING		
2	Begin Project Station	378+50	
3	End Project Station	566+79.3	
4	Gross Length of Project	1882.93 Lin.Ft.	
5	Deduct for P.D. Crossings:-		
6	From Sta 528+61 to Sta 528+70.5, 9.5 Lin.Ft.		
7	" " 532+20.5 " " 532+31.5, 11.0 " "		
8	" " 553+68 " " 553+80.5, 12.5 " "		
9	" " 558+93 " " 559+14.5, 21.5 " "		
10	" " 560+01 " " 560+09.5, 8.5 " "		
11	Total Deduction	63.0 " "	
12	Net Length of Project	18758.93 " " or 3.552 Miles	
13			
14	WIDENING AND SUPERELEVATION		
15	Area of existing curve widening, see table on sheet 11,	1921 Sq.Yds.	
16	Material for additional superlevation, exclusive of new widening, see table on sheet 11	500 Cu.Yds.	
17			
18	SEALING ONLY OF EXISTING PAVEMENT EDGE		
19	See line 12, 18758.93 x 2 =	37517.86 Lin.Ft.	
20	Deduct for outside of curves from alignment sheets	500000 " "	
21	5,525.20 - 525.20 (estimated for laps past P.C. & P.T.)		
22	Net Length	32517.86 " "	32,518 Lin.Ft.
23			
24			
25			
26			
27			
28	1 1/4" INSULATION COURSE		
29	See line 12, 18758.93 x 4 x 9 =	63373 Sq.Yds.	
30	Add for 1" wedge outside of and adjacent to curves	110 " "	
31	Total	63483 " "	6,348 Sq.Yds.
32			
33	3" ASPHALTIC CONCRETE FIRST BASE COURSE		
34	See line 31, 63483 x .0833 =	703.7 Cu.Yds.	704 Cu.Yds.
35			
36	3" ASPHALTIC CONCRETE SECOND BASE COURSE		
37	See line 34	703.7 Cu.Yds.	704 Cu.Yds.
38			
39	1" MINIMUM ASPHALTIC CONCRETE LEVELING COURSE		
40	See lines 12, 15, & 30 (18758.93 x 20 + 9 + 1921 + 110) x .0218 =	1215.0 Cu.Yds.	
41	See line 17 Add for superelevations	500.0 " "	
42	Extra @ 150 Cu.Yds. per mile 3.552 x 150 =	533.0 " "	
43	Total	2248 " "	2,248 Cu.Yds.
44			
45	1" ASPHALTIC CONCRETE SURFACE COURSE TYPE 'B'		
46	See lines 12, 15, & 30 (18758.93 x 20 + 9 + 1921 + 110) x .0218 =	1215.0 Cu.Yds.	1215.0 Cu.Yds.
47			
48	12"x8" STONE UNDERDRAIN		
49	50 per mile, 6' ave. length, 3.552 x 50 x 6 =	1065.9 Lin.Ft.	1066 Lin.Ft.
50			
51	ROADWAY EXCAVATION (UNCLASSIFIED)		
52	Trenching for widening, 18758.93 x 4 x .5 ÷ 27 =	1389.6 Cu.Yds.	
53	See sheets 15 & 16, Cross Sections on side cut	6404 " "	
54	Total	7793.6 " "	7,794 Cu.Yds.
55			

B		
DRIVES AND APPROACHES		
Sheet	No.	Sq.Yds.
1-17		
3	0.25	
4	1.66	
5	1.08	
6	0.33	
7	1.25	
8	1.50	
9	1.75	
10	3.74	
11	1.08	
Total	14.64	
Add for Unlisted Drives		4.36
Add for 24 Mail Boxes		6.00
Grand Total		25.00

C		
REMOVAL FOR REUSE OF EXISTING WEARING COURSE		
Sheet	No.	Sq.Yds.
9	143	
10	363	
Total		506

D		
REMOVAL & DISPOSAL OF TOP PORTIONS OF EXISTING CURB		
Sheet	No.	Lin.Ft.
9	196	
10	428	
Total		624

E		
SALVAGED BRICK WEARING COURSE (F-1 Filler)		
Sheet	No.	Sq.Yds.
9	133	
10	116	
Total		249

STRUCTURES 20 FT. SPAN & UNDER									
No.	Station	Sheet No.	Excavation Structure Cu.Yds.	Removal Existing Masonry Cu.Yds.	Concrete Class E' Cu.Yds.	Reinforcing Steel Lbs.	Dowel Holes Lin.Ft.	Pipe-Lin.Ft.	15" 18" 24" 30" 42"
1	390+298	12	14		0.10	18	6		
2	399+81.8	12	2	0.60	0.70	36	12		24
3	415+10	13	2		1.00	18	6	36	
4	432+375	12	10	2.00	0.80	36	12		36
5	439+22.6	13	8	0.30				10	
6	475+66.5	14	7	1.50	0.10	18	6	12	
7	482+529.2	14	6	0.40	1.20	18	6		22
Totals			49	4.80	3.90	144	48	24 46 22 24 36	