

SUMMARY OF QUANTITIES

PAVEMENT CALCULATIONS

Begin of Project Sta 469+15
End of Project Sta 593+20
Net length of project 12405 Lin.Ft.

2 1/2" Pavement
36' Width Sta 469+15 to Sta 490+37 2122 Lin.Ft.
Sta 497+80 to Sta 527+78 2998 Lin.Ft.
Total Length 36' Width 5120 Lin.Ft.
Area 36' Width: 5120 x 36 = 184320 + Extra Width 1191 = 21671 Sq.Yds.

30' Width Sta 527+78 to Sta 552+93.13 2515.73 Lin.Ft.
Area 30' Width: 2515.73 x 30 = 75471.9 + Extra Width 337 = 8742.67 Sq.Yds.
31' Width Sta 552+93.13 to Sta 593+20 4026.87 Lin.Ft.
Area 31' Width: 4026.87 x 31 = 124833.97 + Extra Width 563 = 14431.26 Sq.Yds.

Total 2 1/2" Pavement 44844.93 Sq.Yds.
2" Pavement
36' Width Sta 490+37 to Sta 497+80 743 Lin.Ft.
Area 36' Width: 743 x 36 = 26748 + Extra Width 29 = 2972 Sq.Yds.
Total Extra Width 2" Pave. 94 Sq.Yds.
Total 2" Pavement 3066 Sq.Yds.

Shoulders & Lawns (One Side)
Sta 469+82 to 471+70 188 Lin.Ft.
Sta 469+15 to 471+00 185 Lin.Ft.
Intersection Sta 469+45 (Sh.#8) 52 Lin.Ft.
Intersection Sta 526+2 (Sh.#8) 144 Lin.Ft.
Total Shoulders & Lawns 569 Lin.Ft.

Sheet N ^o	Const. dwg. 1-12 C.C. Type 1-B (Curved) Lin.Ft.	Type 1-B (Straight) Lin.Ft.
488	52	373
Totals	52	373

Sheet N ^o	From Sta.	To Sta.	For	36' Width	30' Width	31' Width
8	524+95 L	526+35 L		49		
9	534+11	534+67			239	
2	Replacement (Estimated)			160	70	70
Totals Sq.Yds.				109	309	70
Grand Total Sq.Yds.				488		

Sheet N ^o	Number
4	6
5	3
6	3
7	2
Total	14

Station	R or L	For	Cu.Yds.
594+70	R	Blair Place	5
595+44	L	Fobes St.	15
595+30	R	Drive	5
Total			25

Sheet N ^o	Number
4	24
5	25
6	21
7	19
Total	89

From Sta.	To Sta.	For	Sq.Yds.	Additions	Deduction
469+15	490+37	36' Width	8488		
497+80	527+78	36' Width	11992		
527+78	552+93.7	30' Width	8385.67		
552+93.73	593+20	31' Width	13868.26		
472+01.24		Intersection		55	
478+41.66		"		48	
489+02.71		"		52	
489+04.13		"		53	
506+23		"		215	Total Ex. for 36' Width 1191 Sq.Yd.
510+00		"		39	
520+22.28		"		50	
521+21.50		"		30	
526 ±		"		649	
534+43.15		"		143	Total Ex. for 30' Width 357 Sq.Yd.
536+51.43		"		43	
547+38.80		"		171	
552+93.73		"		209	
556+91.90		"		47	Total Ex. for 31' Width 563 Sq.Yd.
571 ±		Int. + Curve		211	
580 ±		Curve		96	
594+70.72		Int.		-28	
595+43.56		Int.		-108.4	
596+50	597+00	Transition			-19.4
Totals			42735.93	21180	-19.4
Grand Total			44844.93		

Sheet N ^o	Number
4	11
5	7
6	4
7	2
Total	24

Sheet N ^o	Number
4	15
5	12
6	19
7	12
Total	58

Sheet N ^o	From Sta.	To Sta.	Lin.Ft.
8	524+95 L	526+35 L	144

Sheet N ^o	Station	Lin.Ft.
8	594+70 R	16
8	595+44 L	26
Total		42

From Sta.	To Sta.	For	Sq.Yds.	Addition
490+37	497+80	36' Width	2972	
494+56.20		Int.		39
497+50.83		"		55
Totals			2972	94
Grand Total			3066	

Sheet N ^o	From Sta.	To Sta.	Cu.Yds.
8	469+03 L	469+82 L	18
8	524+95 L	526+35 L	20
9	534+11	534+67	54
7	593+50	597+00	1463
Total			92

Sheet N ^o	Station	For	Sq.Yds.
8	469+45	Int.	61
Total			61

Roadway	36' Width	30' Width	31' Width	Totals
E-1 Excavation (Rdwy) Cu.Yds.	38			38
E-5 Finishing Shoulders & Lawns (One Side) Lin.Ft.	569			569
I-8 Monument Castings Raised to Grade N ^o	9	3	2	14
I-8 Manhole Castings Raised to Grade N ^o	47	17	25	89
I-8 Valve Boxes Raised to Grade N ^o	18	2	4	24
I-8 Catch Basins as per plan N ^o	25	16	17	58
Pavement				
I-11 Stone Curb Reset Lin.Ft.	144			144
B-70 8" Concrete Base Sq.Yds.	109	309	70	488
I-12 Conc. Curb (Straight) Type 1B Lin.Ft.	373			373
T-70 Port. Cem. Concrete Pav. (7") Sq.Yds.	61			61
2 1/2" Asp. Conc. or Westphal Surface Sq.Yds.	21671	8742.67	14431.26	44844.93
2" Asp. Conc. or Westphal Surface Sq.Yds.	3066			3066
Leveling Course or Westphal Leveling Cu.Yds.	525	190	335	1050
Extra Binder or Westphal Ex Binder Cu.Yds.	30	20	25	75
I-12 Conc. Curb (Curved) Type 1B Lin.Ft.	52			52