

LAKE COUNTY
S.H. 2 SEC. PAINESVILLE (PT)
& J (PT)

CALCULATIONS

STATION	TO STATION	LENGTH	WIDTH
0-85	1 + 10	195	31'
1 + 10	11 + 92.5	1082.5	24'
11 + 92.5	12 + 52.5	60	27' Ave.
12 + 52.5	13 + 50	97.5	30'

T-35 1" SURFACE COURSE

$(195 \times 31) \div 9 = 671.7 \text{ SQ.YDS}$
 $(1082.5 \times 24) \div 9 = 2886.7 \text{ SQ.YDS}$
 $(60 \times 27) \div 9 = 180.0 \text{ SQ.YDS}$
 $(97.5 \times 30) \div 9 = 325.0 \text{ SQ.YDS}$
 FROM SHEET 3 (EXTRA) $106+8 = 114.0 \text{ SQ.YDS}$
 $4177.4 \div 36 = 116 \text{ Cu.YDS.}$
 Extra Depth in Gutter $(750 \times 1 \times .0417) \div 27 = 12 \text{ " "}$
TOTAL T-35 = 117.2 Cu.YDS.

B-35 - 1" MIN LEVELING COURSE

$(750 \times 20) \div 9 = 1666.7$
 $(195 \times 27) \div 9 = 585.0 \text{ SQ.YDS.}$
 $(332.5 \times 24) \div 9 = 886.6 \text{ SQ.YDS.}$
 $(60 \times 27) \div 9 = 180.0 \text{ SQ.YDS.}$
 $(97.5 \times 30) \div 9 = 325.0 \text{ SQ.YDS.}$
 EXTRA (SHEET 3) = 114.0 SQ.YDS.
 $3757.3 \div 36 = 104.4 \text{ Cu.YDS}$
 Extra for irregularities $250 \times .27(\text{Mi}) = 67.5 \text{ Cu.YDS}$
 Est. extra at approaches to Bridge = 30.0 Cu.YDS
 Extra for gutter $(750 \times 2 \times .0625) \div 27 = 3.5 \text{ Cu.YDS}$
TOTAL B-35 = 205.4 Cu.YDS

GENERAL SUMMARY

ITEM	DESCRIPTION	TOTAL	UNIT
E-8	Removal & Storage of Exist Brick Wearing Surface	989	Sq.Yds
E-8	Removal & Disposal of Exist Concrete Curb & Gutter	200	Lin.Ft
I-8	Manhole Castings Reset	2	Each
I-8	cB Toilets repaired and adjusted	4	Each
I-12	Combination Curb and Gutter (as per plan)	200	Lin. Ft.
T-35	Asphaltic Concrete Surface Course (Type B)	116	Cu.Yds
B-35	Asphaltic Concrete Leveling Course	206.2	Cu.Yds
S-3	Type "C" Waterproofing	694	Sq.Yds
Special	1/2" Drill Holes in Bridge Deck	44	Each