

SUMMARY OF QUANTITIES

STRUCTURES 20' SPAN & UNDER (C)					
Item No.	Sheet No.	Excav. Cu. Yds.	Conc. 1 5/8" Cu. Yds.	Reinf. Steel Lbs.	Channel Excav.
I-C	3	80	64	4783	328
TOTALS		80	64	4783	328 cu. yds.

EXCAVATION & EMBANKMENT						
From Sta.	To Sta.	Excav.	Emb.	Emb. +25%	Waste	Borrow
1+00	5+23	764	611	764		
5+23	8+02.5	0	7506	9383		9383
8+02.5	14+50	1261	1009	1261		
TOTALS		2025	9126	11408		9383

Note: Excav. includes removal & disposal of 1400 sq. yds. of existing conc. pav.

ROADWAY DRAINAGE (S)						
Item No.	Sheet No.	8" lin. ft.	24" R.C.P. lin. ft.	1.5" conc. cu. yds.	Reinf. steel Lbs.	12" C.M.P. Lin. Ft.
13-25	3	40	120	1.4	32	40

CONCRETE GUTTER (O)		
Item No.	Sheet No.	Conc. Gutter Type 2 (I-14 G) Lin. Ft.
1-0 to 2-0	3	650

PRIVATE DRIVES (A)			
Item No.	Sheet No.	12" C.M.P. Lin. Ft.	Aggregate Cu. Yds.
1A-8A	3	100	27

DRIVEWAY REPLACEMENT (P)		
Item No.	Sheet No.	7" Conc. T-70 Sq. Yds.
1-P	3	10

GUARD RAIL Type 5-C (I-15 sc) (G)		
Item No.	Sheet No.	Lin. Ft.
1G-2G	3	744

TREES REMOVED (over 8" dia) ✓		
Sheet No.	No.	No.
3		5

PAVEMENT CALCULATION

Beginning of Project Sta. 1+00
 End of Project Sta. 14+50
 Net Length of Project 1350 lin. ft.
 Pavement Area 1350' x 20' = 27000 sq. yds.

Lin. Ft. finishing shoulders, slopes, and ditches same as net length of project.

TOTAL QUANTITIES

Roadway

- E-1 2025 Cu. Yds. excavation (unclassified) including removal of 1400 sq. yds. of existing pavement.
- E-4 9383 Cu. Yds. Borrow (contractor to furnish)
- E-5 1350 lin. ft. finishing shoulders, slopes and ditches
- E-9 5 Trees removed and disposed of
- I-1 100 lin. ft. 12" C.M.P. for driveways B-4 (20' lengths)
- I-3 40 lin. ft. 8" V.P. for roadway drainage
- I-3 120 lin. ft. 24" R.C.P. for roadway drainage
- S-1 1.4 cu. yds. concrete for headwalls
- S-4 32 lbs. reinforcing steel
- I-14 650 lin. ft. No. 2 concrete gutter
- I-15 744 lin. ft. type 5C guard rail
- I-17 27 cu. yds. aggregate for traffic bound side approaches
- I-3 40 lin. ft. 12" C.M.P. for roadway drainage

Pavement

- T-70 3000 sq. yds. 9"-7"-7"-9" Portland cement concrete pavement
- T-70 10 sq. yds. 7" concrete (driveway replacement)

Structures under 20' span

- E-2 80 cu. yds. excavation for structures (unclassified)
- E-3 328 cu. yds. channel excavation
- S-1 64 cu. yds. concrete for box culvert (1.5" mix)
- S-4 4783 lbs. reinforcing steel