

SUMMARY OF QUANTITIES

STRUCTURES UNDER 20' SPAN

No.	Station	Type	Size	Length	Excav. Cu. Yds.	Vit. Pipe (enc.) 12" Lin. Ft.	1:6 Conc. (Precast slabs) Cu. Yds.	Reinf. steel (precast slabs) Lbs.	Catch basins	Remarks
1-C	438+50	V.S.P. (enc.)	10"	14	2.1	14			1	Extend existing 10" V.P. culv. 14' to R. with std. 10" V.P. enc. culv. Build catch basin on R., Clean out existing culvert.
2-C	449+62	V.S.P. (enc.)	10"	18	3.3	18	0.2	28	2	Extend existing 10" V.P. culv. 14' to R. with std. 10" V.P. enc. culv. Build catch basin on L. with existing 12" V.P.S. with std. 10" x 4" enc. V.P. culv. Cap old I.B. on L., Clean existing culvert.
3-C	455+65	V.S.P. (enc.)	10"	14	2.4	14			1	Extend existing 10" V.P. culv. 14' to R. with std. 10" V.P. enc. culv. Build catch basin on R., Clean existing culvert.
4-C	461+65	V.S.P. (enc.)	10"	18	3.3	18	0.2	28	2	Extend existing 10" V.P. culv. 14' to R. with std. 10" V.P. enc. culv. Build catch basin on R. & L., Connect basin on L. with existing 12" V.P.S. with std. 10" x 4" enc. V.P. culv. Cap old I.B. on L., Clean existing culvert.
TOTALS					11.1	64	0.4	56	6	

SUMMARY OF EXCAVATION & EMBANKMENT

From Sta.	To Sta.	Excavation	Embankment	Embankment +20%	Waste
437+95	448+0	585.9	64.3	77.2	508.7
448+0	458+0	711.5	0.0	0.0	711.5
458+0	469+15	780.9	0.0	0.0	780.9
TOTALS		2078.3	64.3	77.2	2001.1

Note:- Waste excavation to be dumped by Contractor on land abutting the improvement as requested by land owners. Haul not to exceed 200' from side line of road. Cost to be included in price bid for excavation.

SUMMARY OF MONUMENT CASTINGS RAISED TO GRADE

Station 438+28.86
Station 468+60.11
TOTAL = 2

SUMMARY OF CONCRETE GUTTER CURB RESET

4200 lin. Ft. (estimated)

SUMMARY OF CONCRETE GUTTER CURB (NEW)

2100 lin. Ft. (estimated)

SUMMARY OF MANHOLE TOPS RESET TO GRADE

STATION	Ft. R. or L.
440+50	11' R
446+02	11' R
451+02	11' R
456+03	11' R
459+0	9' L
461+19	11' R
462+41	9' L
466+18	11' R
466+45	9' L
468+62	9' L
TOTAL 10	

SUMMARY OF 10" x 8" x 10" REINF. CONC. PAVEMENT

From Sta.	To Sta.	For	Sq. Yds.	Deductions
437+95	469+15	Entire length	4160	
437+95	438+44	Transition		65.3
444+16.7	444+36.7	N.Y.C. 95% L.		26.7
467+84	469+15	exist. pav.		41.0
TOTALS			4160	133.0
DEDUCT			133	
TOTAL			4027	

SUMMARY OF 10" x 8" x 10" CONC. (5' strip)

From Sta.	To Sta.	For	Sq. Yds.	Deductions
437+95	469+15	Entire length	1733.3	
437+95	438+44	Transition		15.8
444+16.7	444+36.7	N.Y.C. 95% L.		11.1
467+84	469+15	Transition		31.0
TOTALS			1733.3	57.9
DEDUCT			57.9	
TOTAL			1675.4	

SUMMARY OF 8" CONCRETE (12' strip)

From Sta.	To Sta.	For	Sq. Yds.	Deductions	Additions
437+95	469+15	entire length	346.7		
437+95	438+44	Transition			27.11
444+16.7	444+36.7	N.Y.C. 95% L.		2.2	
468+90	469+15	exist. pav.		2.8	
TOTALS			346.7	5.0	27.1
ADD			22.1		
TOTAL			368.8		

SUMMARY OF BITUMINOUS SURFACE T-5, T-6 or T-13

From Sta.	To Sta.	For	Sq. Yds.	Additions	Deductions
437+95	469+15	entire length	8320		
437+95	438+44	Transition		65.3	
444+16.7	444+36.7	N.Y.C. 95% L.			53.3
467+84	469+15	Transition		90	
TOTALS			8320.0	74.3	53.3
ADD			21.0		
TOTAL			8341.0		

SUMMARY OF 8" CONC. 1 1/2" (DRIVEWAY REPLACEMENTS)

100 Sq. Yds. Estimated

SUMMARY OF EXTRA BITUMINOUS BINDER

100 Cu. Yds. Estimated

SUMMARY OF BERMS

From Sta.	To Sta.	For	Lin. Ft.	Deductions
437+95	469+15	Entire length	3120	
444+16.7	444+36.7	N.Y.C. 95% L.		20
TOTALS			3120	20
DEDUCT			20	
TOTAL			3100	

ROADWAY

- ✓ E-1 2078 Cu. yds. excavation unclassified
- ✓ E-5 3100 Lin. Ft. Finishing shoulders, slopes, etc. (both sides)
- ✓ I-14 1 Tree to be removed
- ✓ Special 4200 Lin. Ft. existing concrete gutter curb to be reset
- ✓ I-6 2100 Lin. Ft. concrete gutter curb (11" x 8 1/2" x 10") 2" wide 1-5/8" mix
- ✓ Special 2 Monument castings reset to grade
- ✓ Special 10 Manhole tops reset to grade

PAVEMENT

- ✓ T-8 4027 Sq. yds. 10" x 8" x 10" reinforced concrete pavement (12' width)
- ✓ T-8 1675 Sq. yds. 10" x 8" x 10" (5' strip) 1-7/8" mix
- ✓ T-8 369 Sq. yds. 8" concrete 1-7/8" mix (12" strip)
- ✓ T-8 100 Sq. yds. 8" concrete 1-5/8" mix including excavation (driveway replacements)
- ✓ T-5, T-6 or T-13 8341 Sq. yds. bituminous pavement, type B surface
- ✓ T-5, T-6 or T-13 100 Cu. yds. extra bituminous binder course

STRUCTURES

- ✓ E-2 11.1 Cu. yds. excavation unclassified
- ✓ S-27 or S-30 64 lin. Ft. 10" V.S.P. (S.S.) sec. M-6.8 (b) including std. enc. or R.C.P. sec. M-6.5 (b) with conc. saddles or cemented joints
- ✓ S-1 0.4 Cu. yds. 1:6 concrete (precast slabs)
- ✓ S-4 56 Lbs. reinforcing steel
- ✓ I-9 6 Standard catch basins using existing castings.

TAKE CO. 24'S GARRETT NEAR 9 (66)