



Approximate Quantities, Each Slab (Two Thus)
 Concrete, Class AAA(AE) 58.5 Cu.Yds.
 Reinforcing Steel 7340 Lbs. **
 ** Includes 110 Lbs. wire mesh

Notes:
 Use Class AAA(AE) Concrete in Approach slabs including sidewalks.
 See Sheet 4 for General Notes
 See Sheet 8 for Bar List and Bending Diagram,
 (for Information Only)

*Contractor shall provide for construction of cable manholes by K-O-E, see specifications.

| Location | Excavation | | Concrete | | Reinforcing Steel | | Bearing Dowels | 12" Steel Piles | 10" Steel Piles | Bridge Handrail | Approach Slabs Each |
|----------|-----------------|------------------|-----------------|-----------------------|-------------------|-------------|----------------|-----------------|-----------------|-----------------|---------------------|
| | Class I Cu.Yds. | Class II Cu.Yds. | Class A Cu.Yds. | Class AAA(AE) Cu.Yds. | Lbs. | Struc. Lbs. | | | | | |
| Abut. #1 | 280 | | 165.4 | 23.5 | 15,390 | | 2,751 | | 1,030 | | one |
| Pier #1 | | 98 | 189.5 | | 25,130 | | 7,742 | 1,056 | | | |
| Pier #2 | | 98 | 190.8 | | 24,940 | | 7,742 | 1,056 | | | |
| Pier #3 | | 98 | 191.2 | | 25,230 | | 5,995 | 1,056 | | | |
| Pier #4 | | 98 | 190.8 | | 25,230 | | 7,742 | 1,056 | | | |
| Pier #5 | | 98 | 189.5 | | 25,130 | | 7,742 | 1,056 | | | |
| Abut. #2 | 280 | | 165.4 | 23.5 | 15,390 | | 2,751 | | 1,030 | | one |
| Substr. | | | 2025.6 | 719.000 | 14,250 | | | | | | |

*Compacted Embankment includes:
 11,581 Cu.Yds. Type 'B' (MR-90)
 6,586 Cu.Yds. Type 'A' (MR-5)
 933 Cu.Yds. Type 'AA' (MR-5)

| Item | Quant | Unit |
|----------------------------|--------|----------|
| Removal of Exst. Structure | 1.5 | L.S. |
| Compacted Embankment | 19,100 | Cu. Yds. |
| Dumped Rock Embankment | 604 | Cu. Yds. |
| Dumped Rock Riprap | 1,814 | Cu. Yds. |
| Bedding | 380 | Cu. Yds. |
| Derrick Stone | 2,393 | Cu. Yds. |
| R.C. Riprap (5") | 160 | Sq. Yds. |
| Storm Sewer Ext. | 1.5 | L.S. |
| Seeding and Mulching | 0.50 | Acres |

| Item | Quant | Unit |
|-------------------|--------|----------|
| Slab Excavation | 371 | Cu. Yds. |
| 10" Steel Piles | 920 | Lin. Ft. |
| Sheet Piles | 1,886 | Lin. Ft. |
| Class A Concrete | 221.7 | Cu. Yds. |
| Reinforcing Steel | 28,750 | Lbs. |
| Lift Gates | 2 | Each |