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| PROJECT | DATE | BY | CHKD | DATE |
| 1-80-21062 | 06-68 | Bureau | 7 | 7 |
| SHEET NO. 1 | | | | |
| 9 SHEETS | | | | |

GENERAL NOTES

Class I Concrete shall be used throughout except as noted.

Handmade Concrete shall be used in End Posts.

The Concrete shall also be finished in accordance with Article 619 of the Standard Specifications.

Steel reinforcement shall be finished with uncoated wire fabric 4" x 4" mesh, 14 wires, weighing 30# per sq. ft.

Layout of abutments may be varied to suit ground conditions in the field, as directed by the Engineer.

Posts 27, 28, 29, 30, 31, 32, unless noted.

All nuts, washers, bearing plates, head plates, shear plates, gusset and anchor bolts shall be fabricated and set in accordance with Article 618 of the Standard Specifications and are included in quantity of Structural Steel.

Anchor bolts shall be set before riveting diaphragms over supports.

The roadway expansion guard rails shall be fabricated and erected in accordance with Article 618(a) of the Standard Specifications and are included in quantity of Structural Steel.

The exposed surfaces of the expansion guard pipes shall be given two shop coats of red lead paint.

Except as otherwise provided, all Structural Steel shall receive one shop coat of red lead paint and two field coats of aluminum paint. See Article 611 to 614 inclusive of the Standard Specifications.

All paint shall be furnished and applied by the Contractor.

The Contractor shall drive any concrete footings of existing abutment earth bridge and end abutment earth bridge in permanent location, as directed by the Engineer before ordering or casting remainder of piers.

All steel members shall be driven in holes prepared in surface ground, in accordance with Article 619(c) of the Standard Specifications.

Headed steel to be painted according to Article 618 of the Standard Specifications.

Steel members shall not be furnished with rust.

TOTAL BILL OF MATERIAL

| Item | Quantity | Unit | Value |
|----------------------------|----------|---------|----------|
| Class I Concrete | 1,200 | cu. yd. | 1,200.00 |
| Handmade Concrete | 100 | cu. yd. | 100.00 |
| Structural Steel | 20,630 | lbs. | 206.30 |
| Expansion Structural Steel | 1,400 | lbs. | 14.00 |
| Hand Rivets | 100 | lbs. | 1.00 |
| Name Plates | 2 | sq. ft. | 2.00 |
| Expanded Pile | 100 | sq. ft. | 1.00 |
| Anchor Bolts | 1,000 | lbs. | 10.00 |
| Washers | 1,000 | lbs. | 10.00 |
| Headed Steel | 1,000 | lbs. | 10.00 |
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