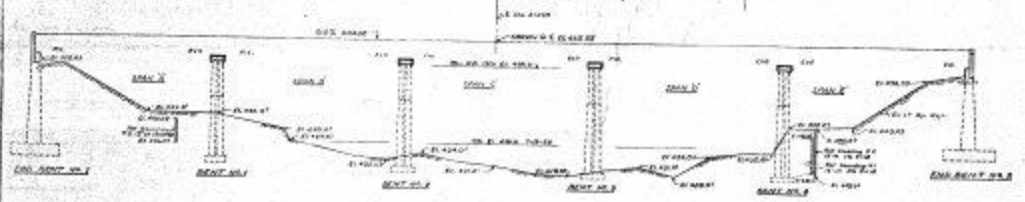
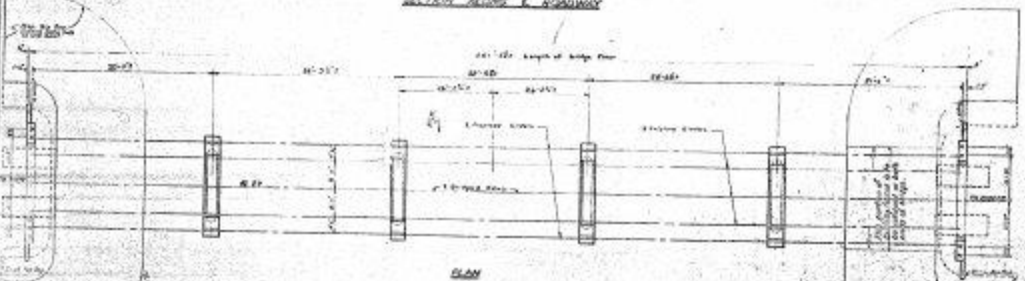


WIDENING

DATE
BY
CHECKED BY



SECTION ALONG E. ROADWAY



PLAN

TOTAL BILL OF MATERIALS

| ITEM | QTY | UNIT | PRICE | TOTAL | REMARKS |
|-------------------|------|-------|-------|---------|---------|
| Concrete | 1000 | cu yd | 1.50 | 1500.00 | |
| Reinforcing Steel | 100 | lbs | 0.10 | 10.00 | |
| Struct. Steel | 50 | lbs | 0.20 | 10.00 | |
| Timber | 1000 | cu yd | 1.00 | 1000.00 | |
| Gravel | 1000 | cu yd | 0.50 | 500.00 | |
| Sand | 1000 | cu yd | 0.50 | 500.00 | |
| Earthwork | 1000 | cu yd | 1.00 | 1000.00 | |
| Paint | 100 | gal | 0.10 | 10.00 | |
| Other | 100 | gal | 0.10 | 10.00 | |
| Subtotal | | | | 5020.00 | |
| Contingency | | | | 502.00 | |
| Total | | | | 5522.00 | |

NOTES

Approved L.S. MOD-11040 for new portion. For other design data and general notes, see sheet 04.

See lengths for grades and curves to change in air section above lengths shown. Lengths shall be checked by the resident engineer on every 100 feet to insure no excessive "hammer" due to lengths in areas of slope and clearance.

Traffic will be maintained over existing structure during construction, see spec Part 1.

Spans for S. Rd. shall be shown as a minimum, showing quantity of 10 spans each. Total plan shall not be shown as being less than 100 ft long for S. Rd. and 20 ft long for S. Rd. only.

No specific design requirements, see Spec. Part 1.

If necessary, portions of the existing structure shall be removed to provide clearances for the new portion.

* Clearances existing surface to be shown by others.

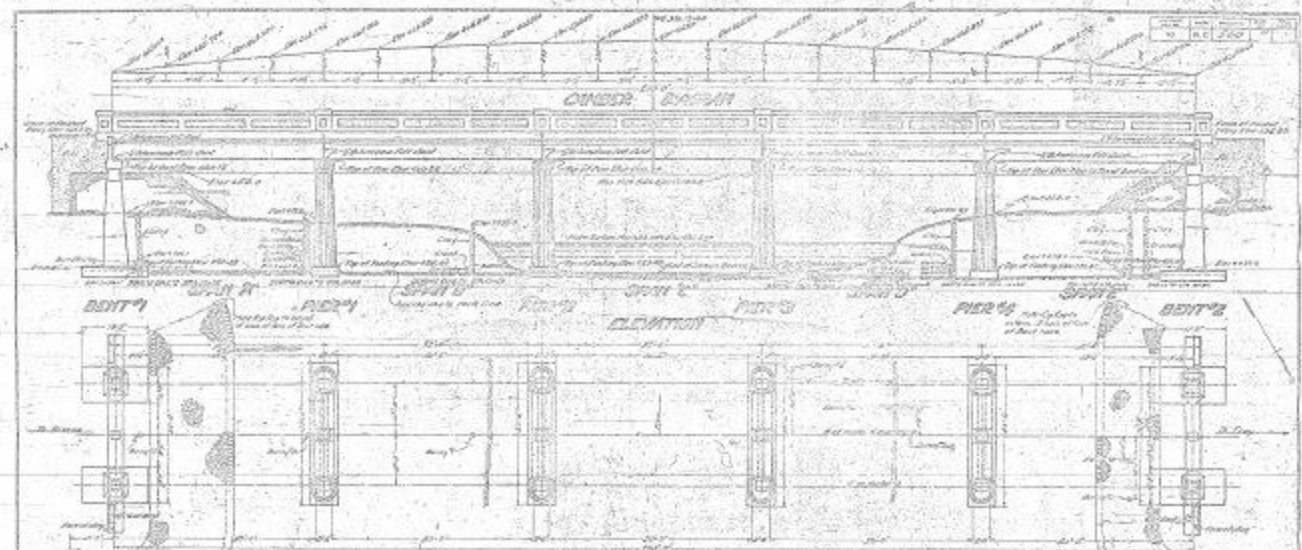
I hereby certify that this structure has been designed by me
 J. J. [Name]
 Resident Engineer

PROJECT NO. 3777
 CONTRACT NO. 1000
 DIVISION 34899

DATE OF DESIGN
 DATE OF CONSTRUCTION
 DATE OF COMPLETION
 DATE OF INSPECTION
 DATE OF PAYMENT

ORIGINAL

#32
MONTGOMERY
2A 55-20



PLAN

GENERAL NOTES:

1. The bridge shall be constructed in accordance with the specifications for Highway Bridges of the U.S.A. 1939.
2. The bridge shall be designed for a live load of HS-20.
3. The bridge shall be designed for a wind pressure of 30 lbs. per sq. ft.
4. The bridge shall be designed for a temperature range of 100° F.
5. The bridge shall be designed for a maximum deflection of 1/1600 of the span.
6. The bridge shall be designed for a maximum vibration of 0.15 in. per sec.
7. The bridge shall be designed for a maximum scour of 10 ft.
8. The bridge shall be designed for a maximum settlement of 1 in.
9. The bridge shall be designed for a maximum creep of 0.1 in.
10. The bridge shall be designed for a maximum shrinkage of 0.1 in.

REVISIONS:

| NO. | DESCRIPTION | DATE |
|-----|--------------------------|---------|
| 1 | As shown | 10/1/35 |
| 2 | Change in deck width | 10/1/35 |
| 3 | Change in pier width | 10/1/35 |
| 4 | Change in bent width | 10/1/35 |
| 5 | Change in deck height | 10/1/35 |
| 6 | Change in pier height | 10/1/35 |
| 7 | Change in bent height | 10/1/35 |
| 8 | Change in deck thickness | 10/1/35 |
| 9 | Change in pier thickness | 10/1/35 |
| 10 | Change in bent thickness | 10/1/35 |

PROJECT NO. 560
MONTGOMERY COUNTY
STATION 13+52

STATE HIGHWAY COMMISSION
STANDARD
GENERAL DRAWING
MONTGOMERY COUNTY
PENNSYLVANIA

DATE: 10/1/35
BY: J. L. HARRITT

NO OTHER PLANS UNDER THIS PROJECT NO

Roll # 25
Position 25

Project 560
MONTGOMERY

239
HARRITT