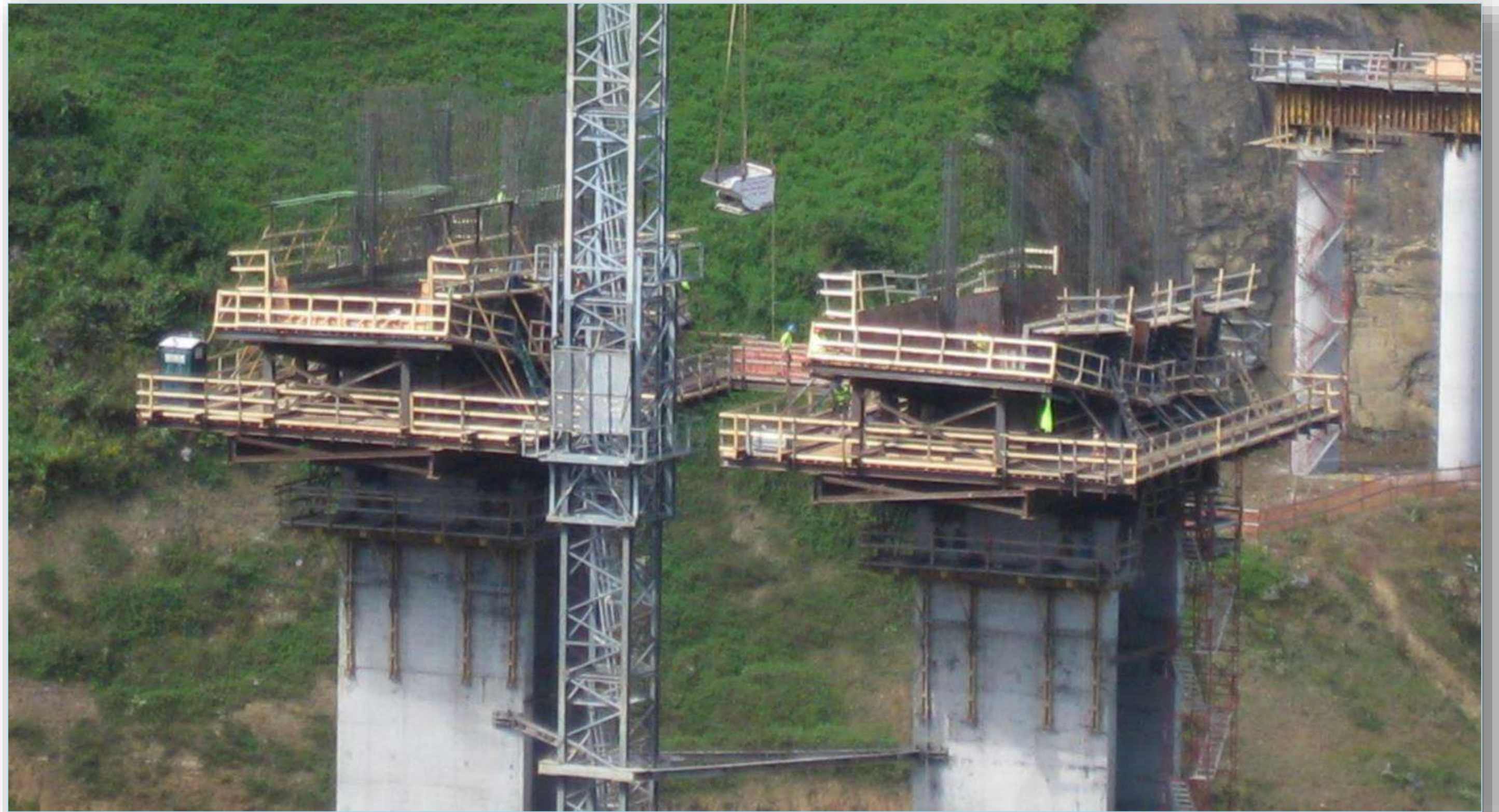


US ROUTE 460 CONNECTOR

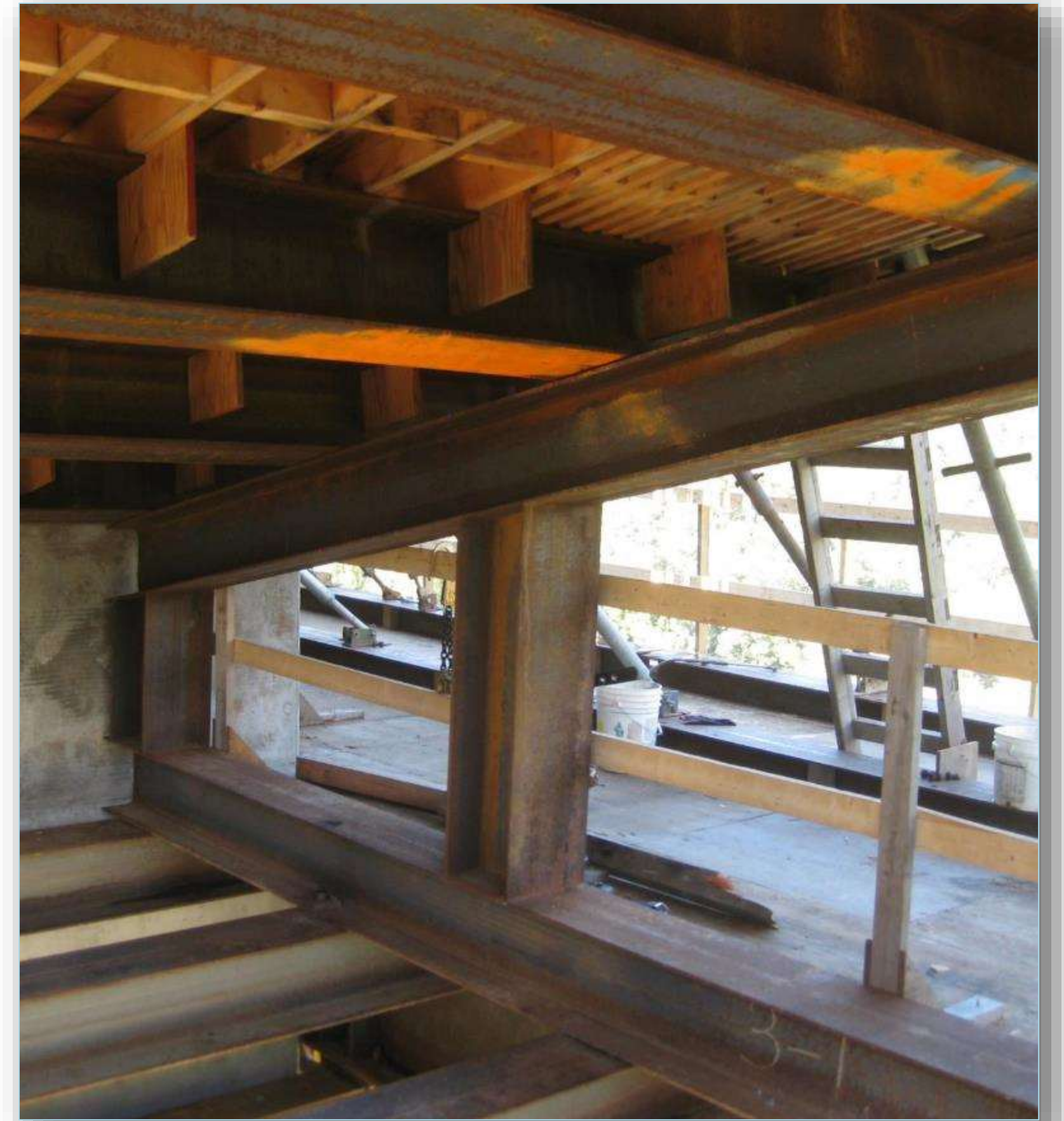
- **Pier 2** – Pier Table Falsework for lift 1 – bottom slab



PIER 2

US ROUTE 460 CONNECTOR

- Pier Table Falsework constructed using units that could be assembled and reused at each pier.



PIER TABLE FALSEWORK

US ROUTE 460 CONNECTOR

- Pier Table Falsework



LOOKING UNDERNEATH

PIER 2

US ROUTE 460 CONNECTOR

Pier Diaphragm Access

- Steel pipes for future external post-tensioning
- Steel grating and ramp to 4'x9' opening



PIER DIAPHRAGM OPENING

US ROUTE 460 CONNECTOR

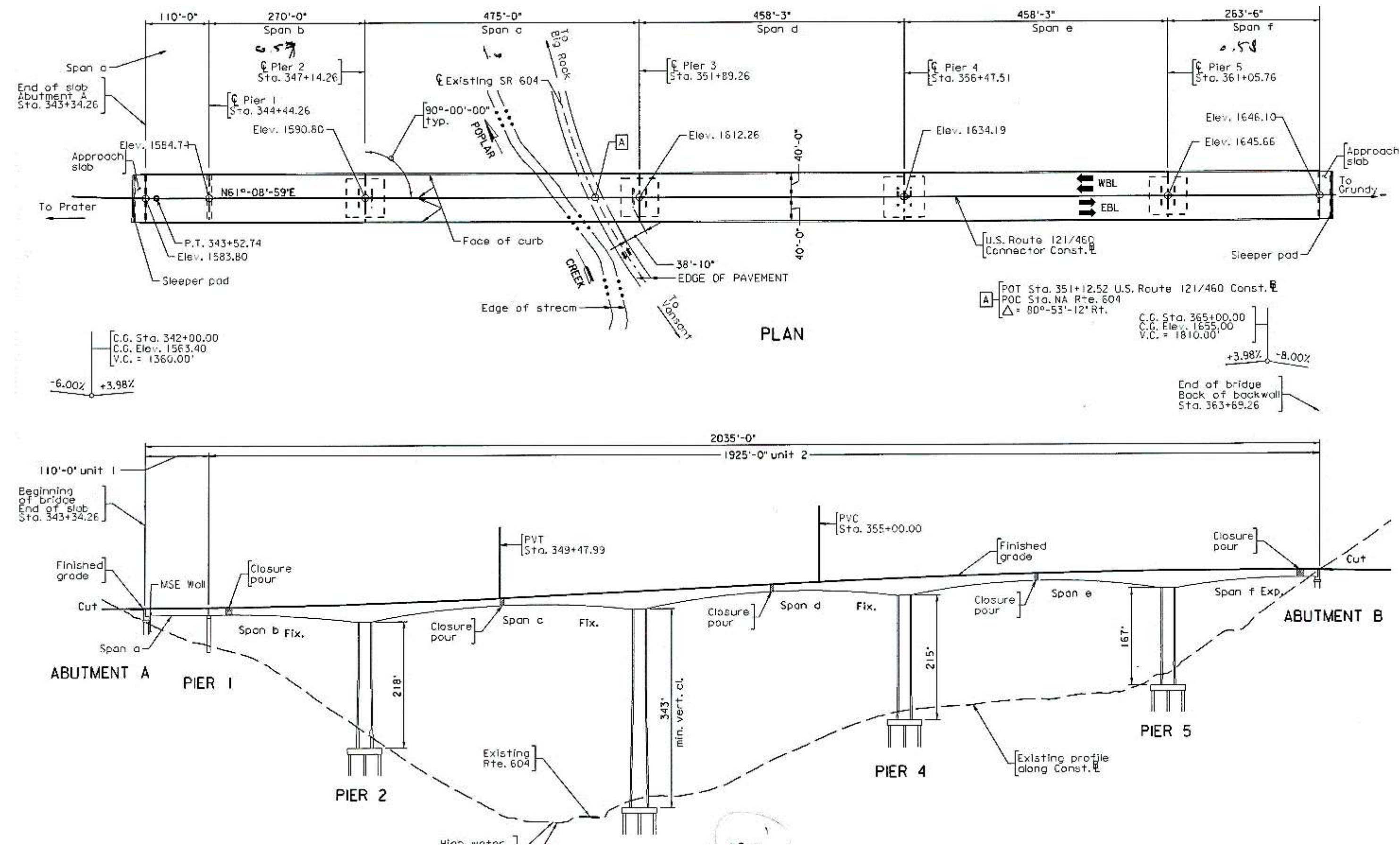
- Tendons extended out of web and made external adjacent to end segment to simplify anchorage details in the diaphragm.
- Straight alignment between pipes achieved without diablos.
- Post-tensioning bar used to lock end segment to pier during closure pour.



US ROUTE 460

over Poplar Creek and Route 604

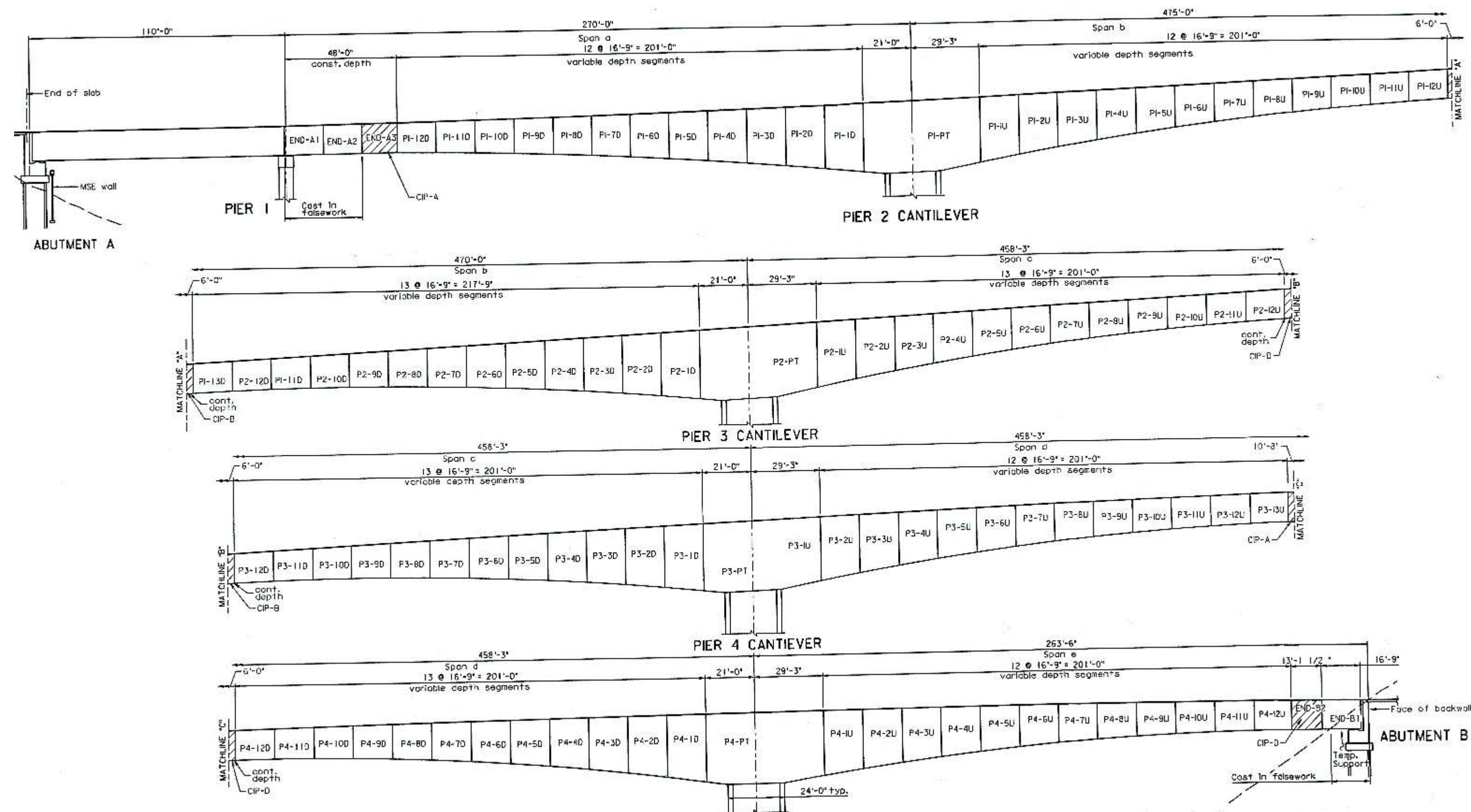
Alternate 6 with MSE Wall at ABUT A



US ROUTE 460

over Poplar Creek and Route 604

Alternate 6 piers 2, 3, 4, and 5



US ROUTE 460

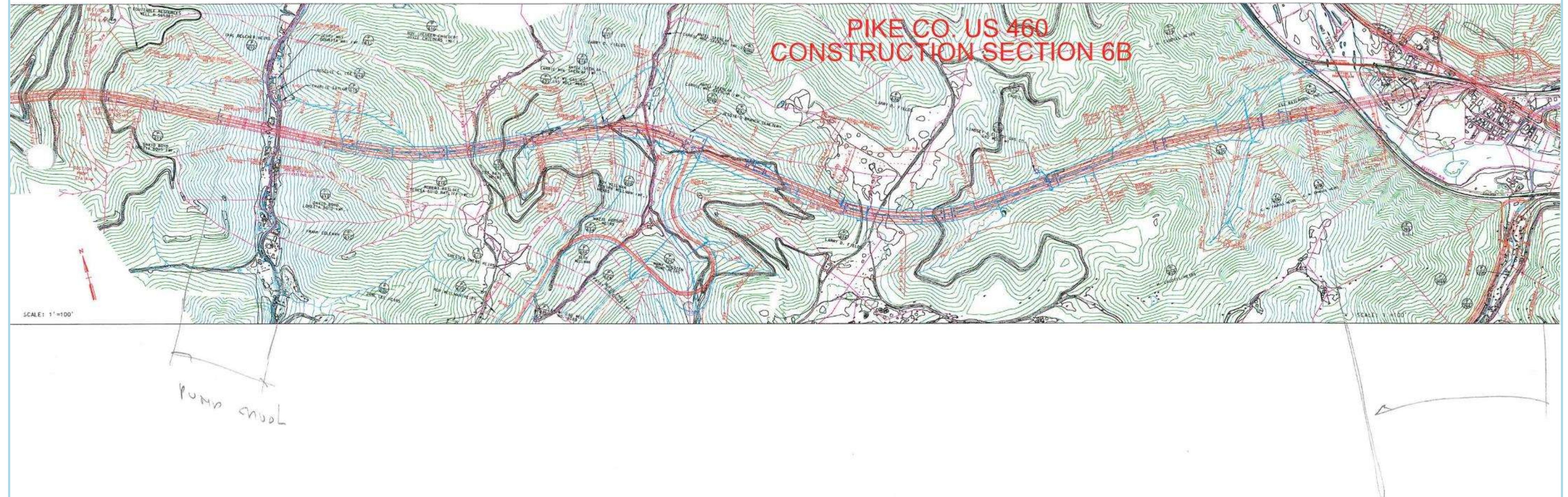
over Poplar Creek and Route 604

Alternate 6 Preliminary Plans



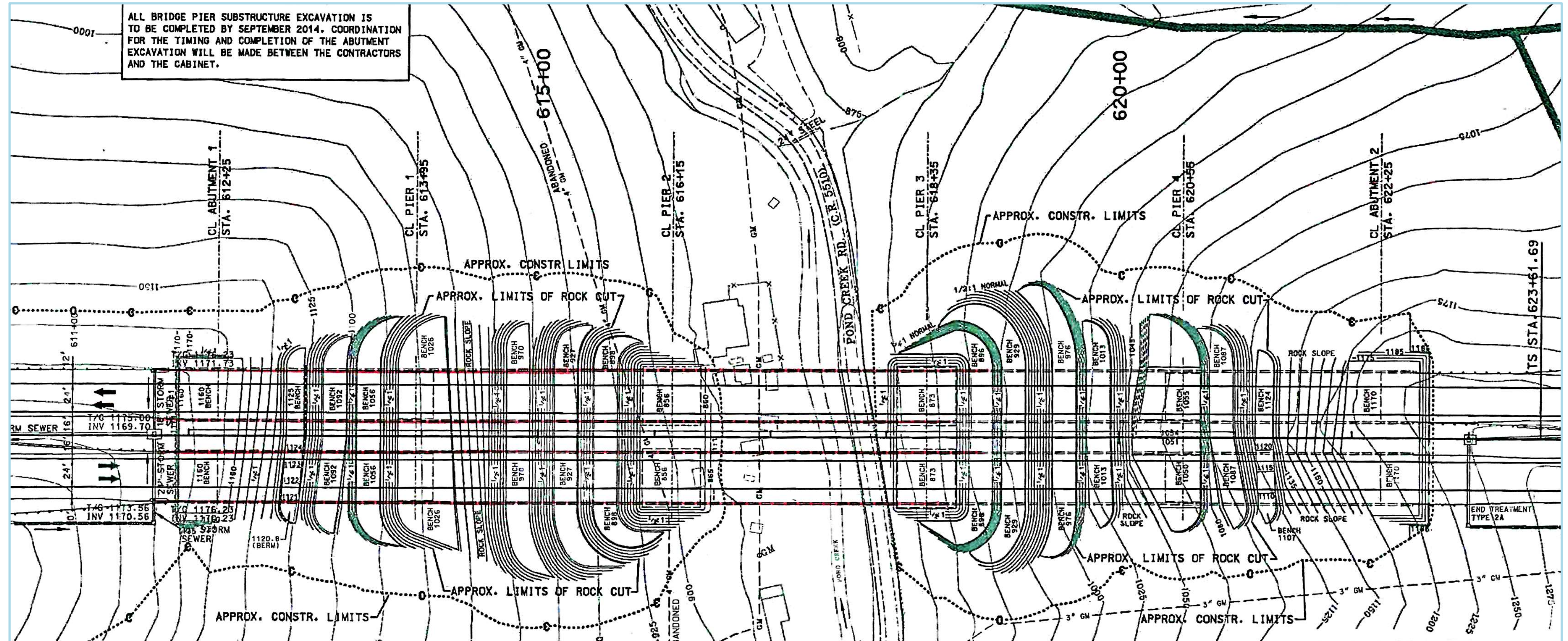
US ROUTE 460

Pike County Construction Section 6B



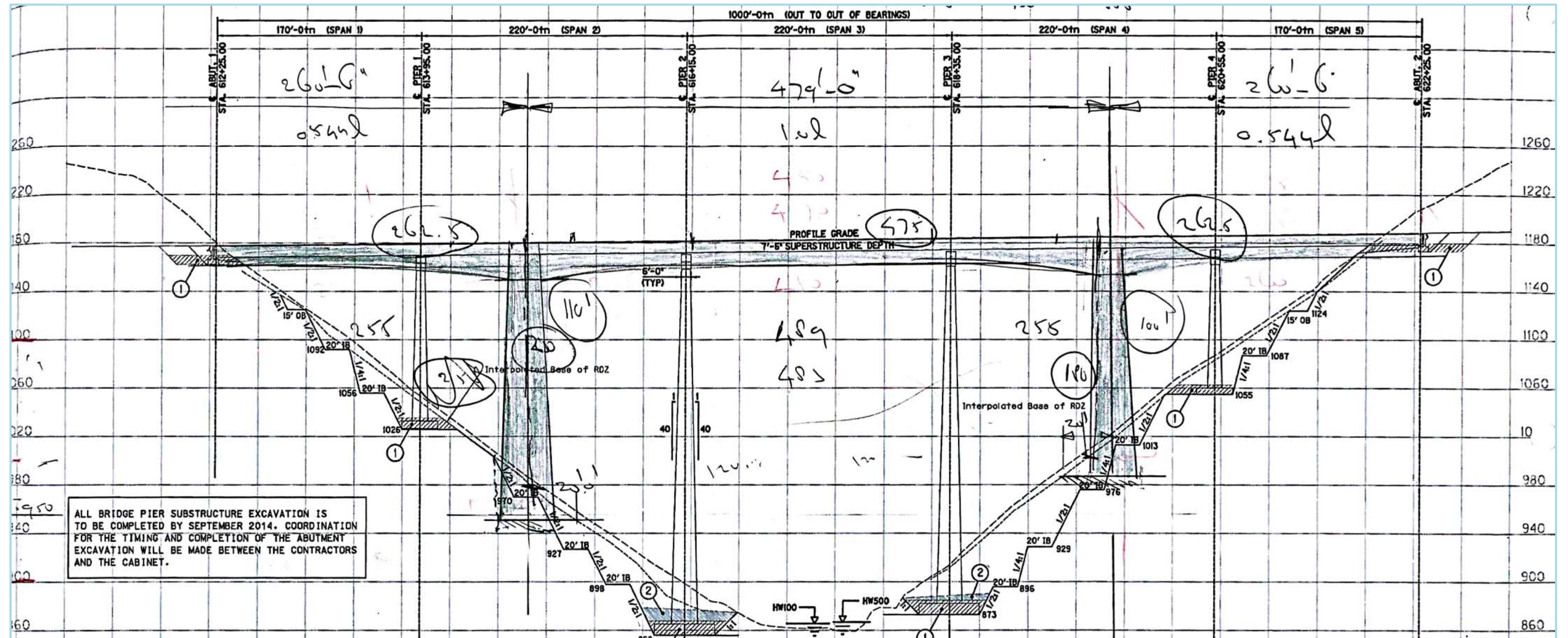
US ROUTE 460

Pond Creek Bridge Excavation Detail Plan Sheet



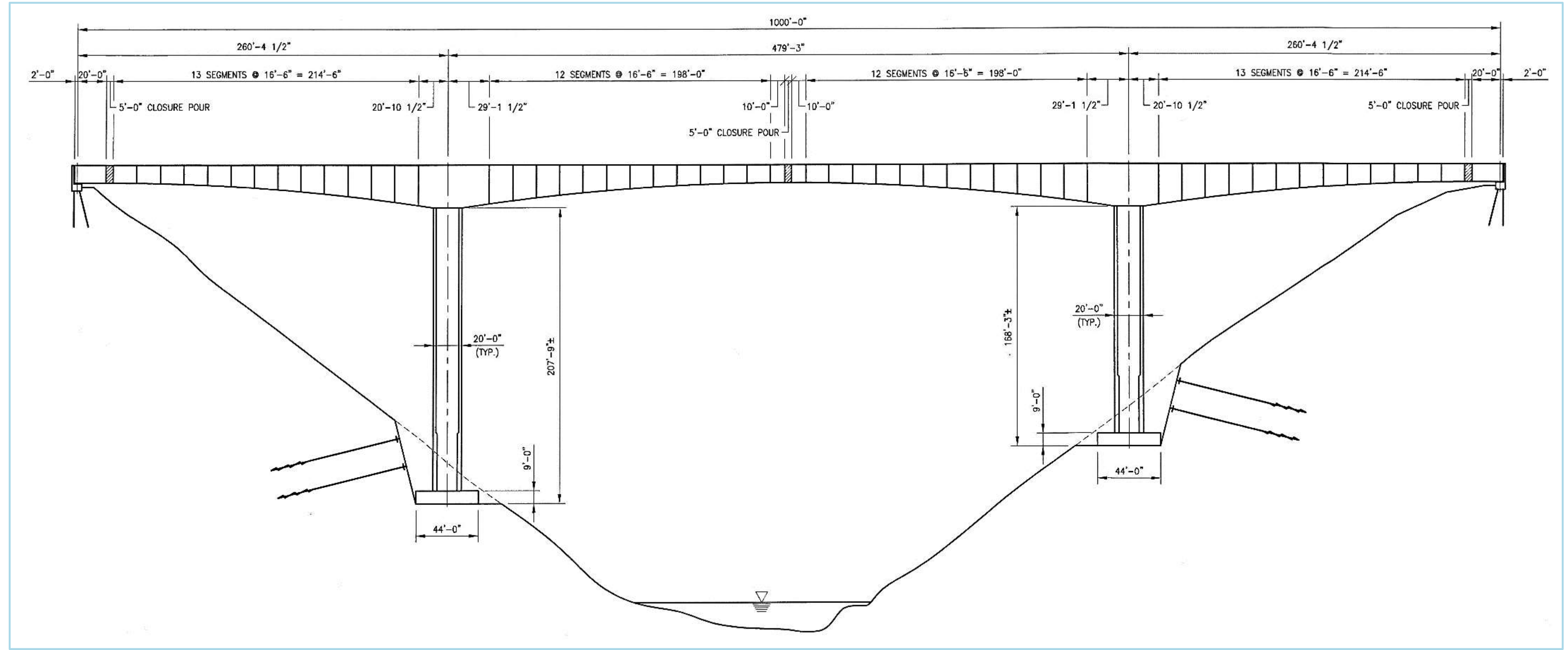
US ROUTE 460

Cut Stability Section for Pond Creek Bridge Excavation Structure Foundation Excavation



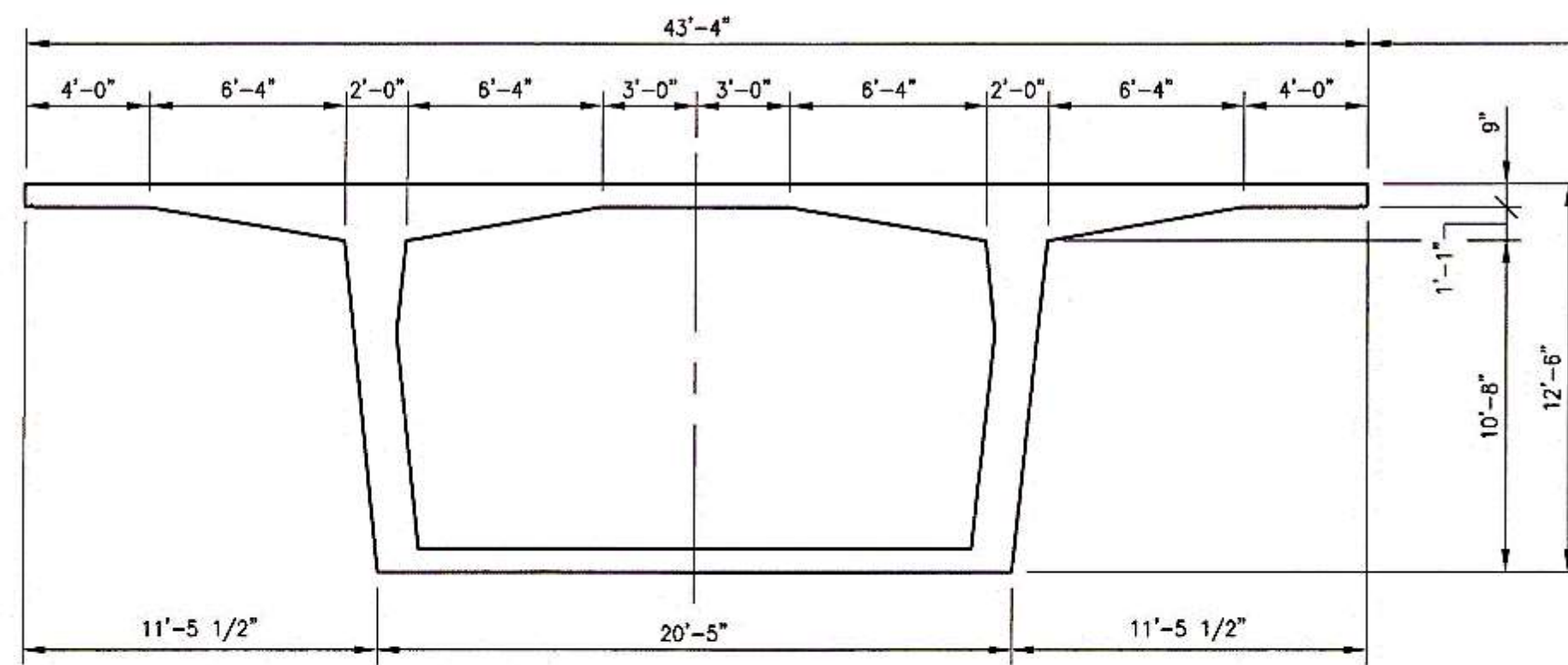
US ROUTE 460

Sheet 100

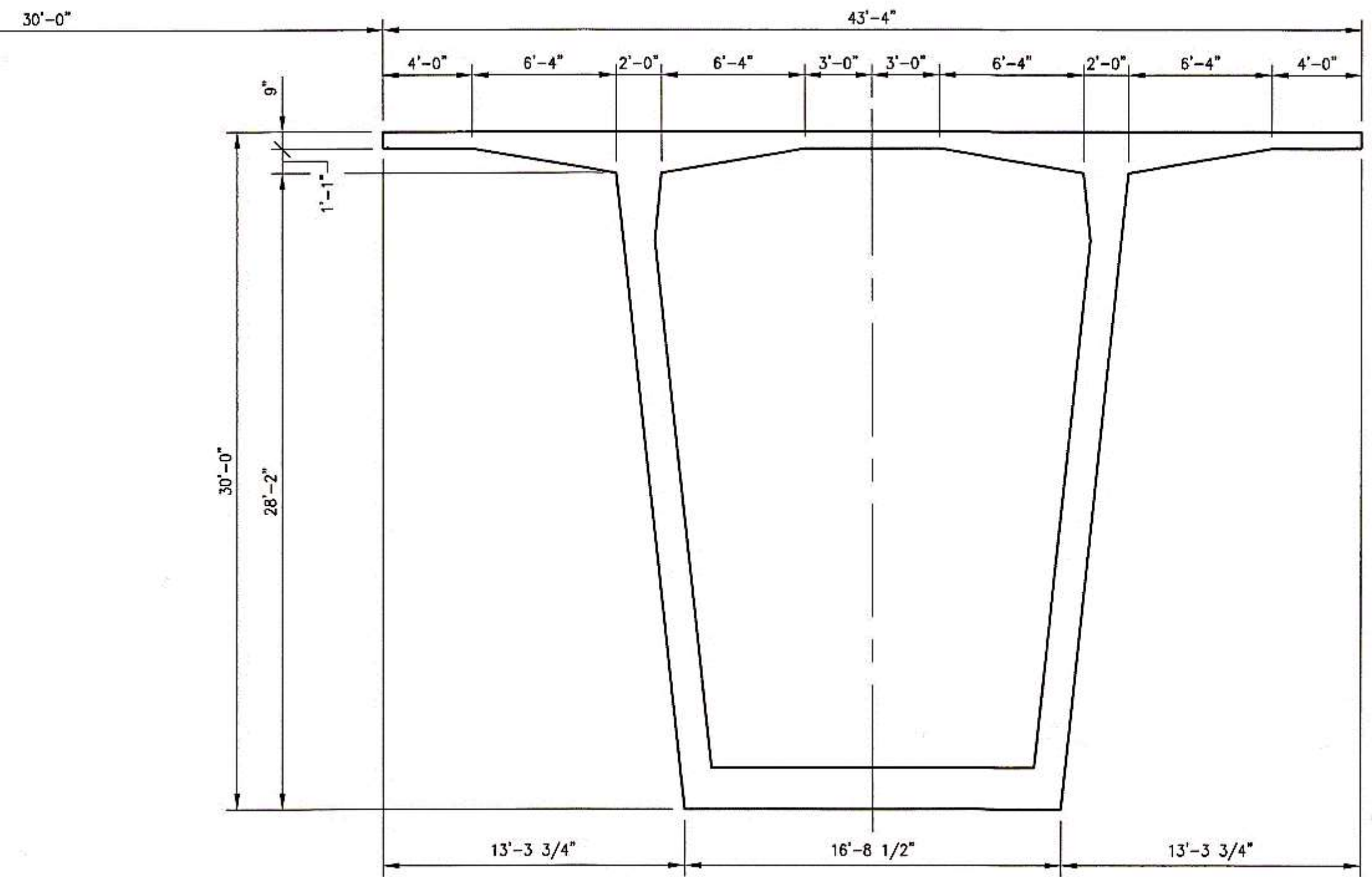


US ROUTE 460

Sheet 101



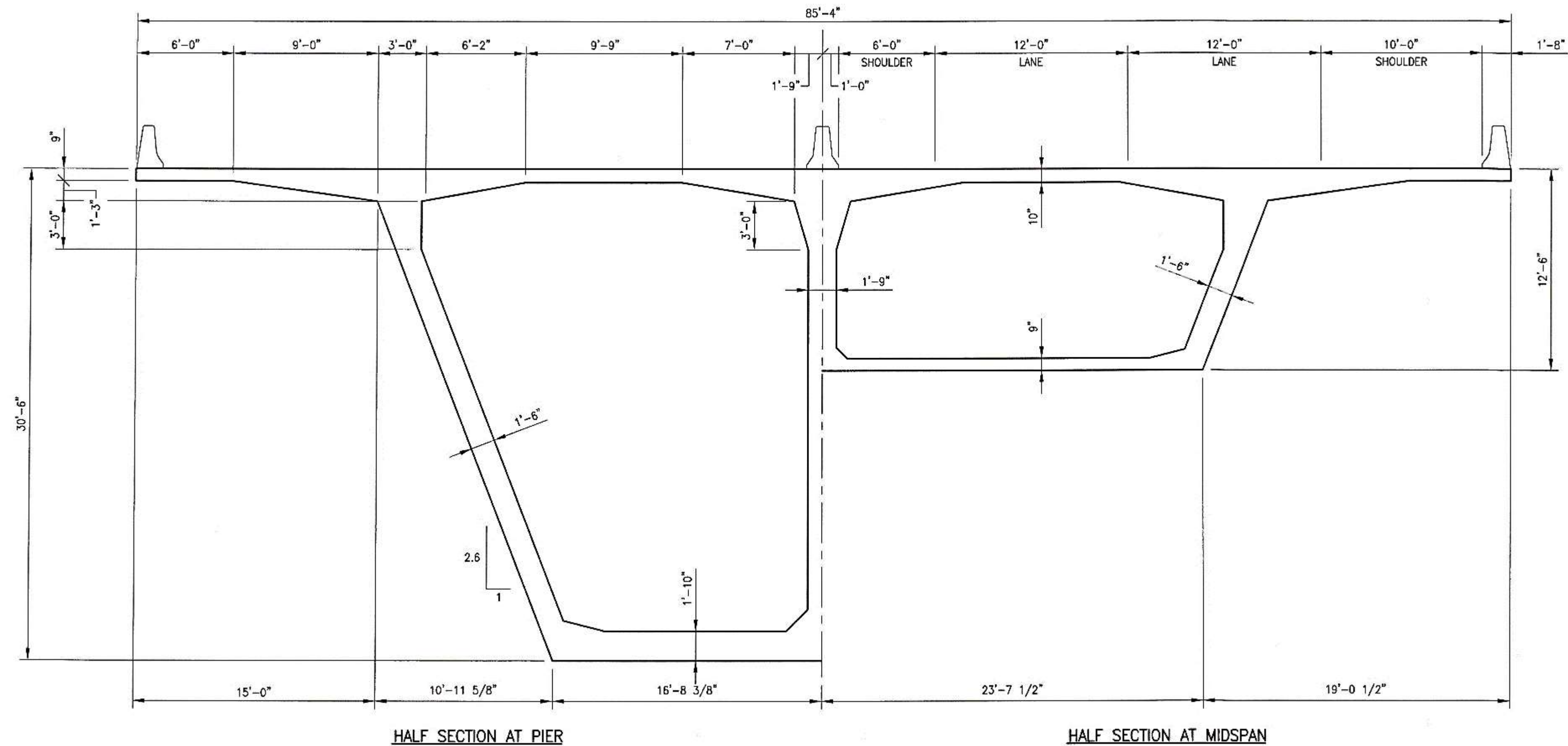
HALF SECTION AT MIDSPAN



HALF SECTION AT PIER

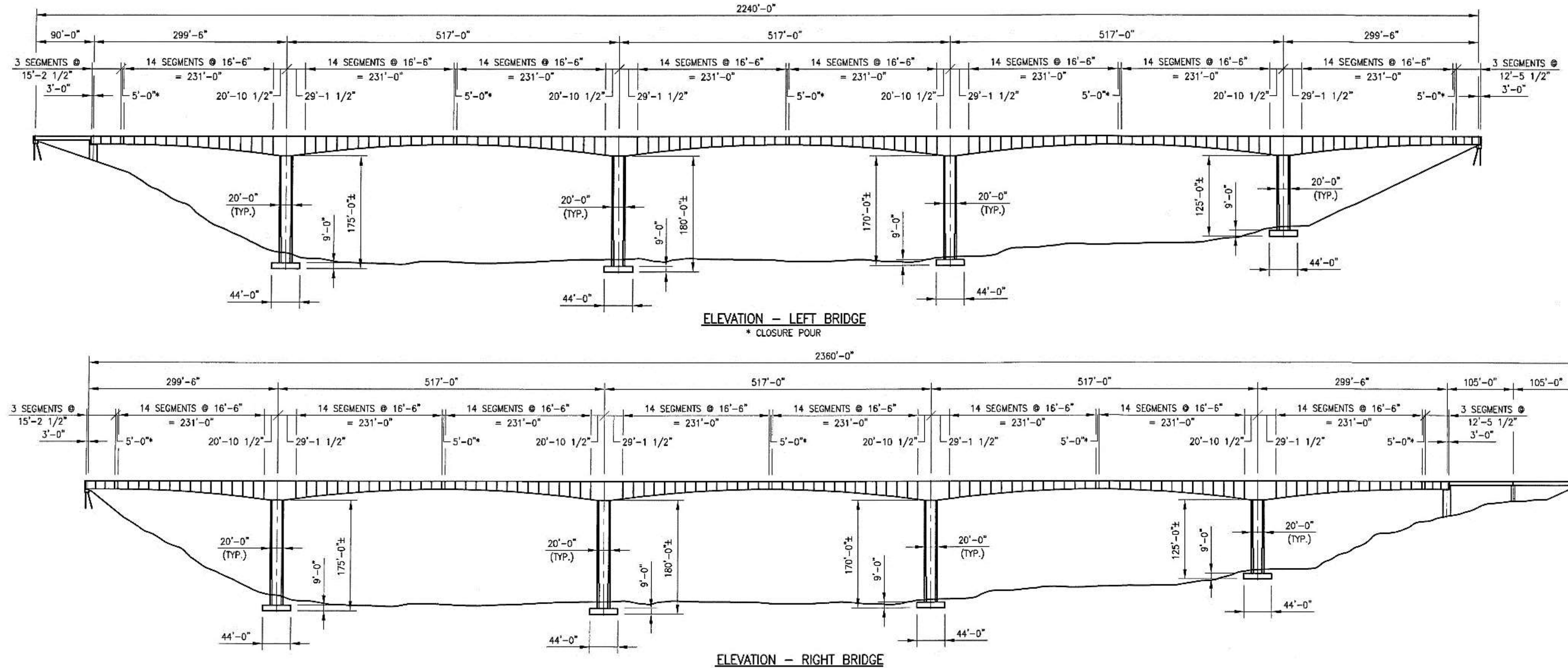
US ROUTE 460

Sheet 401



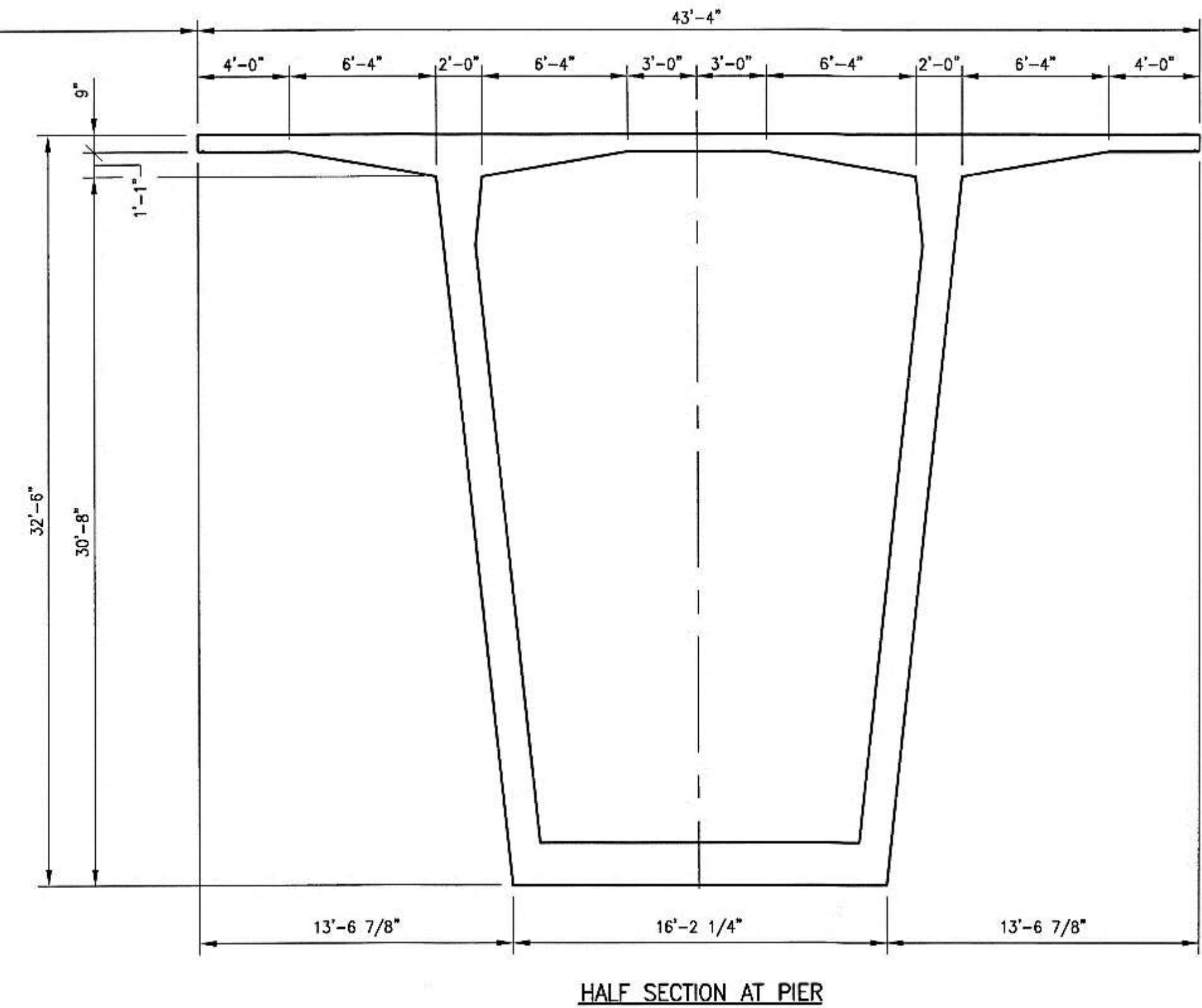
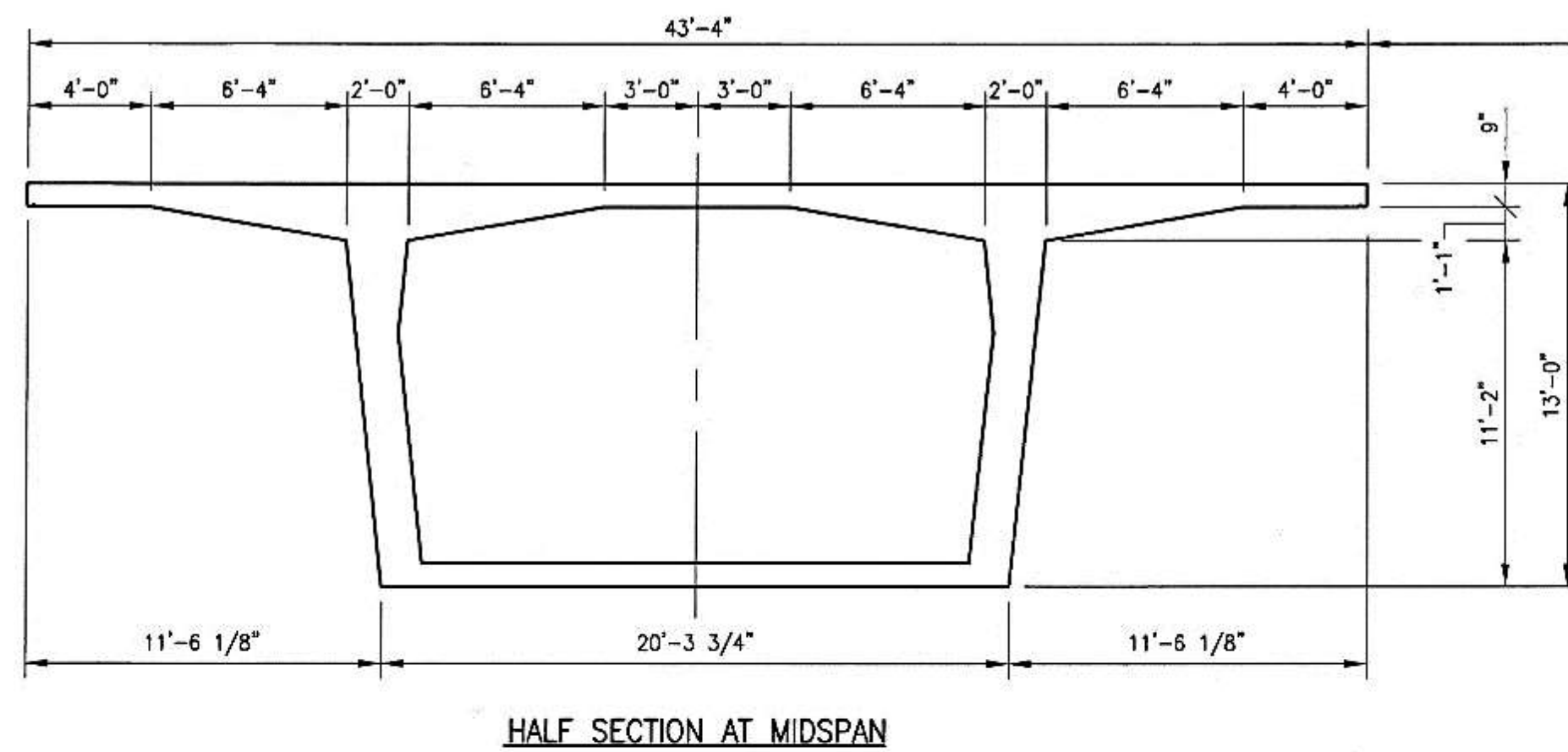
US ROUTE 460

5 Span Alternate



US ROUTE 460

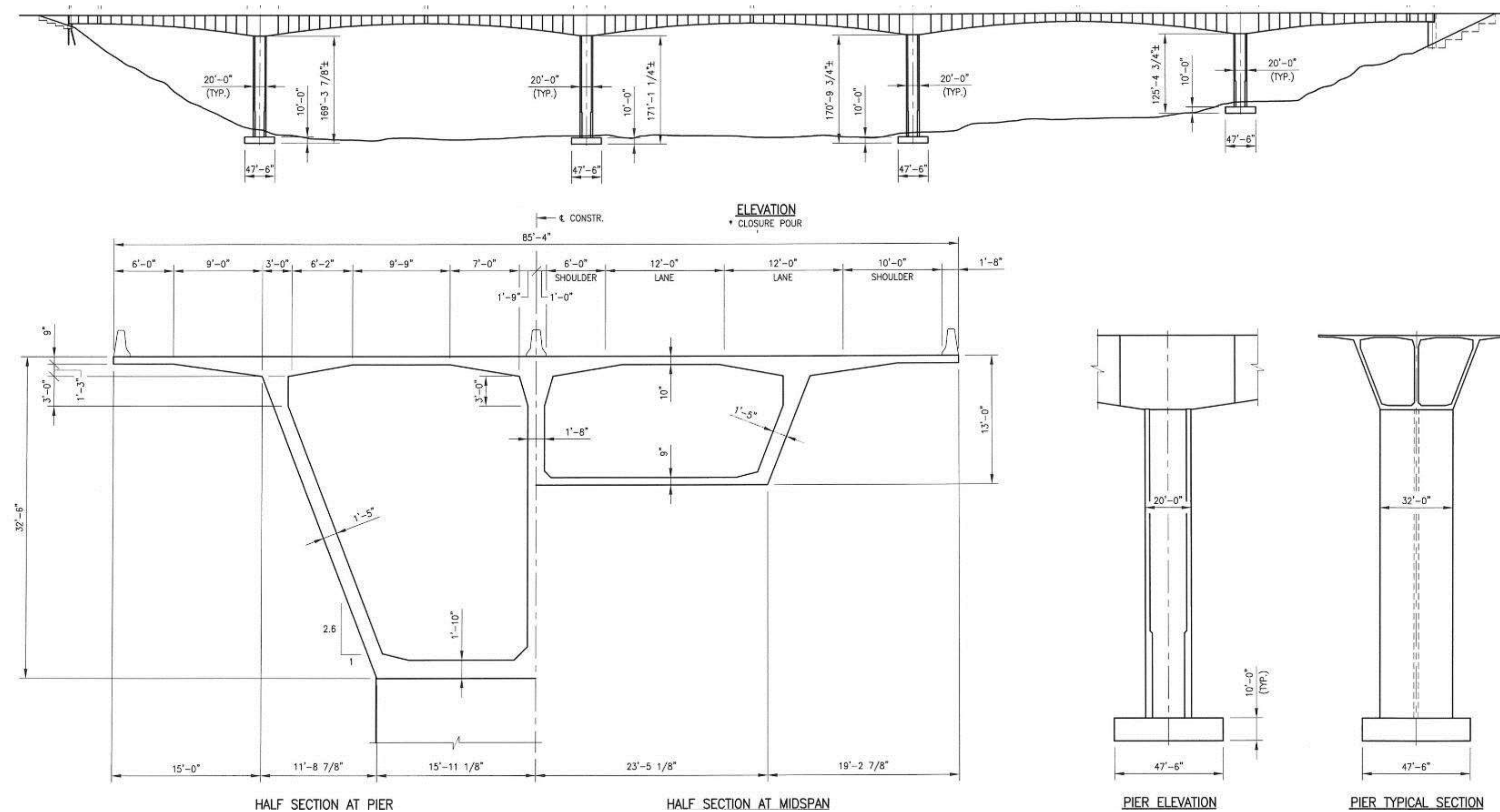
Sheet 201



US ROUTE 460

5 Span Alternate

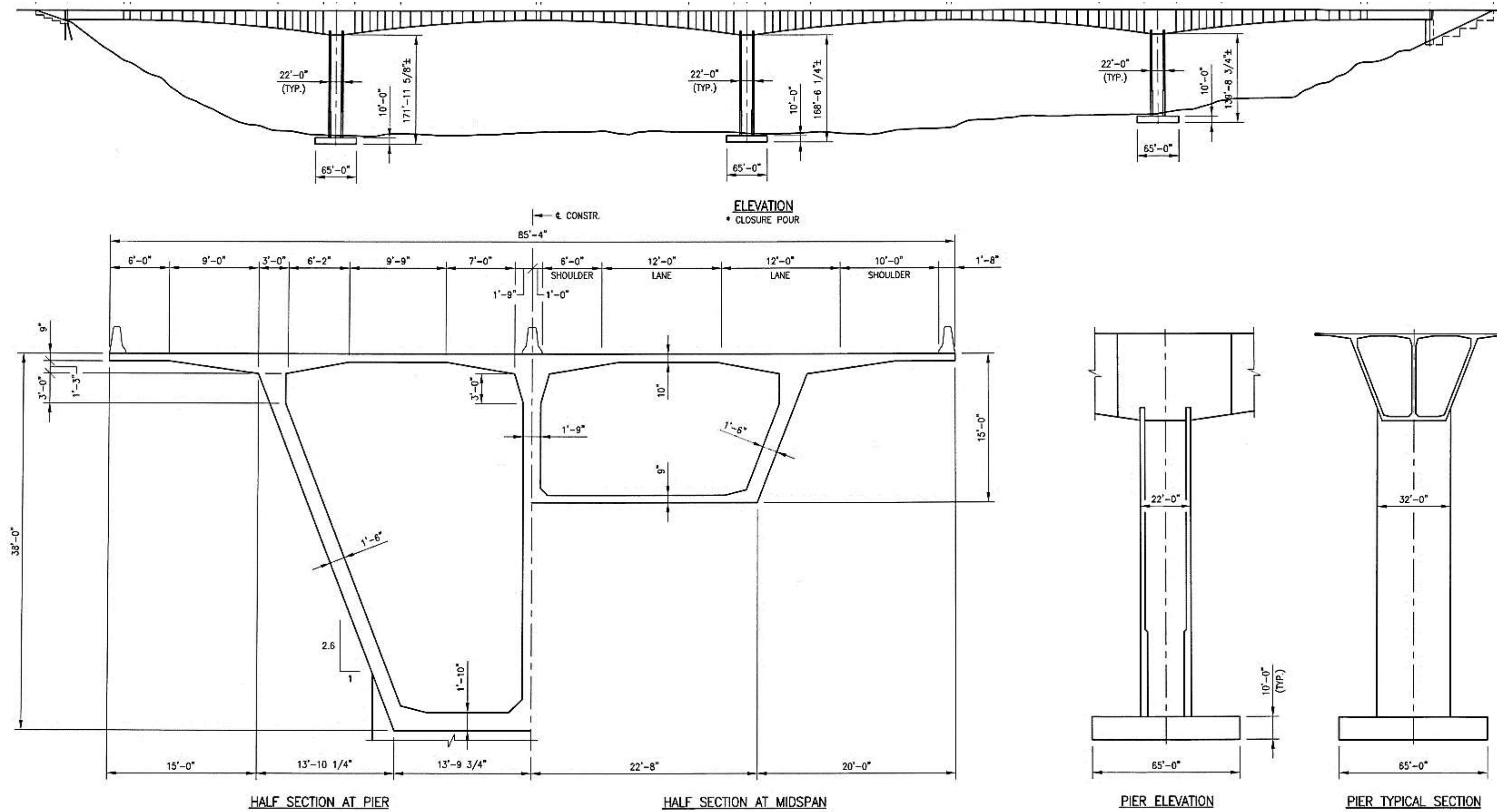
Length
2150'



US ROUTE 460

4 Span Alternate

Length
2150'



Thank you for your time!

[QUESTIONS?]

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