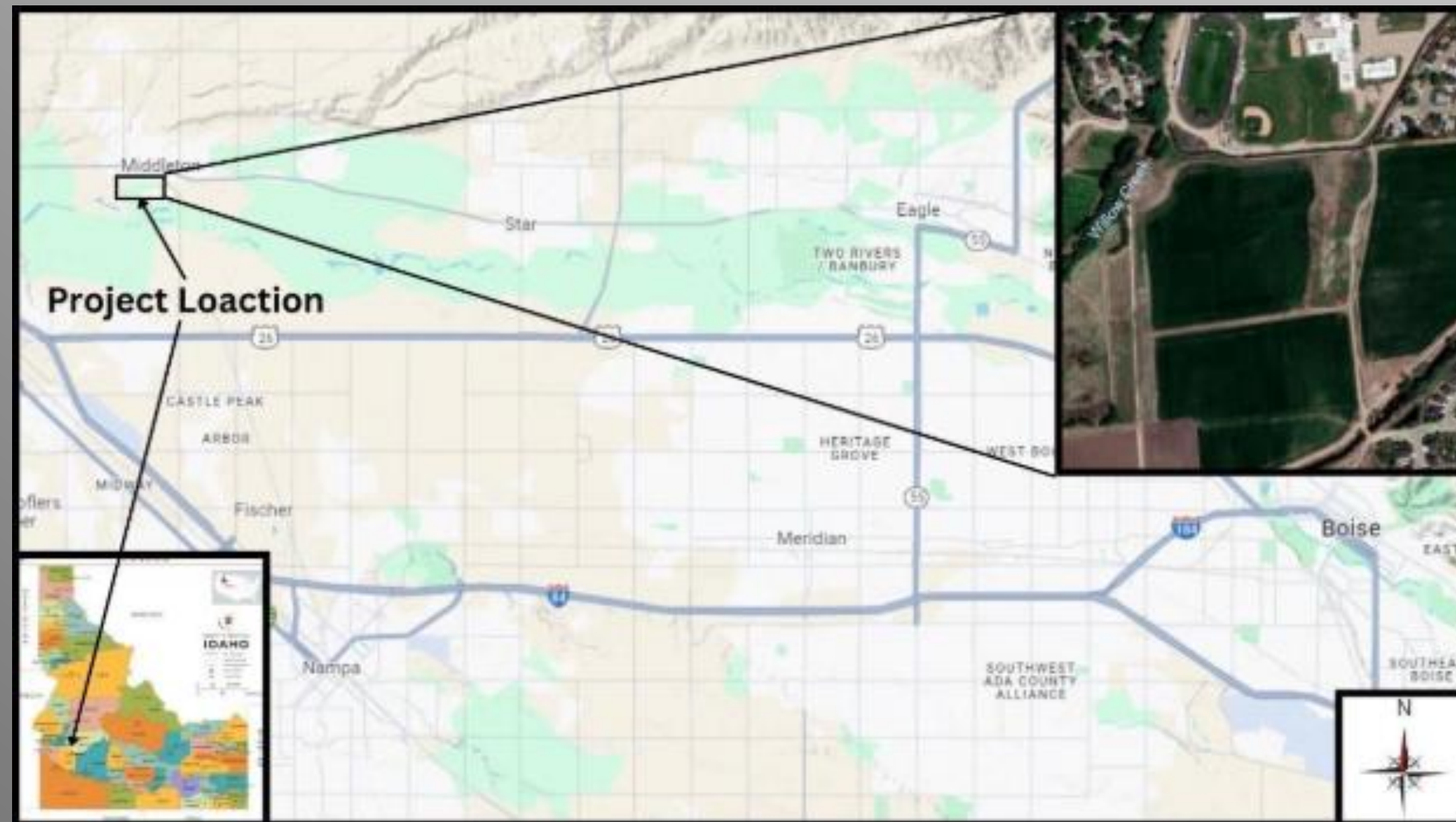
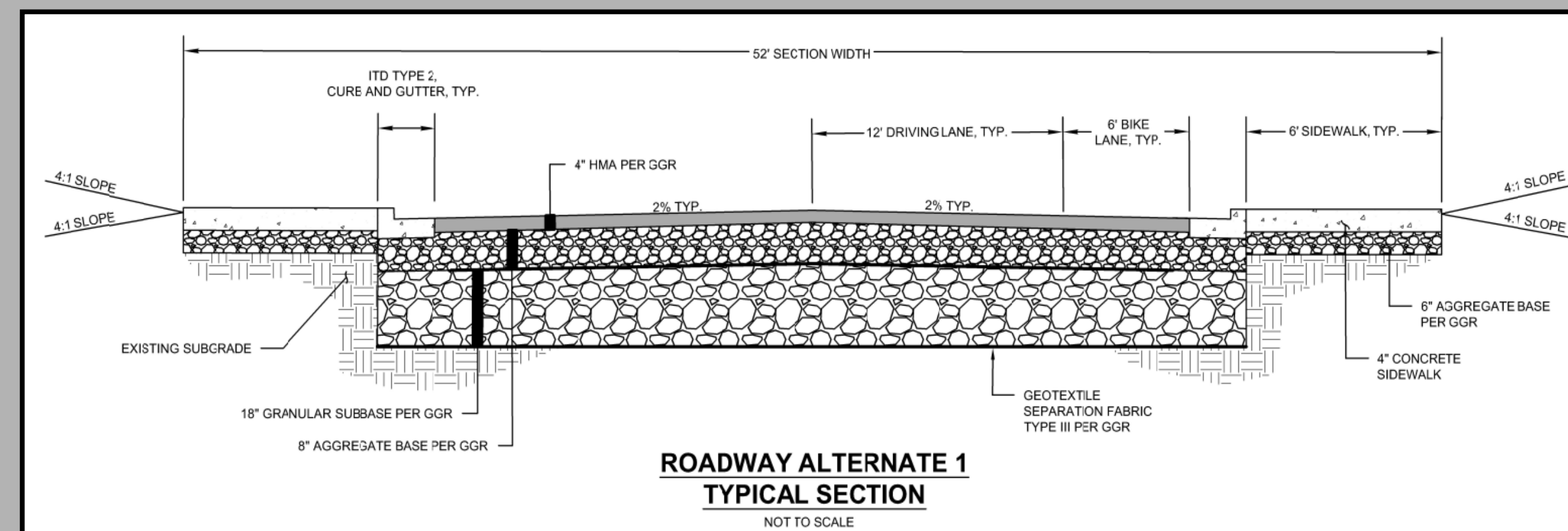
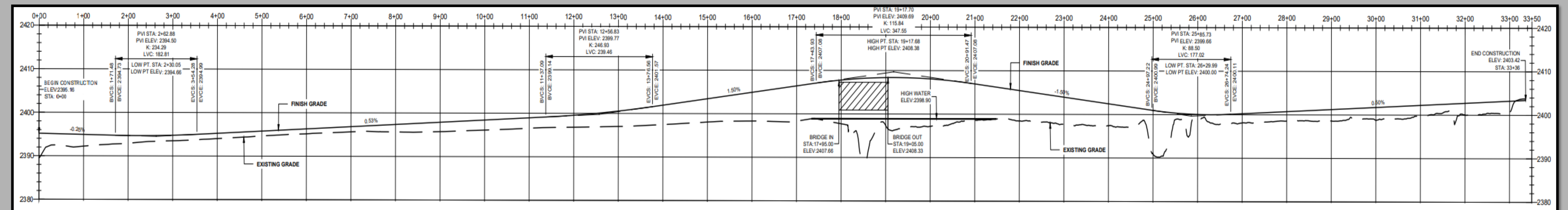


Background

The city of Middleton, in partnership with ITD District 3 and the FHWA, proposes to construct a new 0.7-mile roadway segment, South Cemetery Road, to connect SH-44 and Sawtooth Lake Dr.



Preferred Alternative - Roadway Plan and Profile



*Typical section depths based on geotechnical engineering report

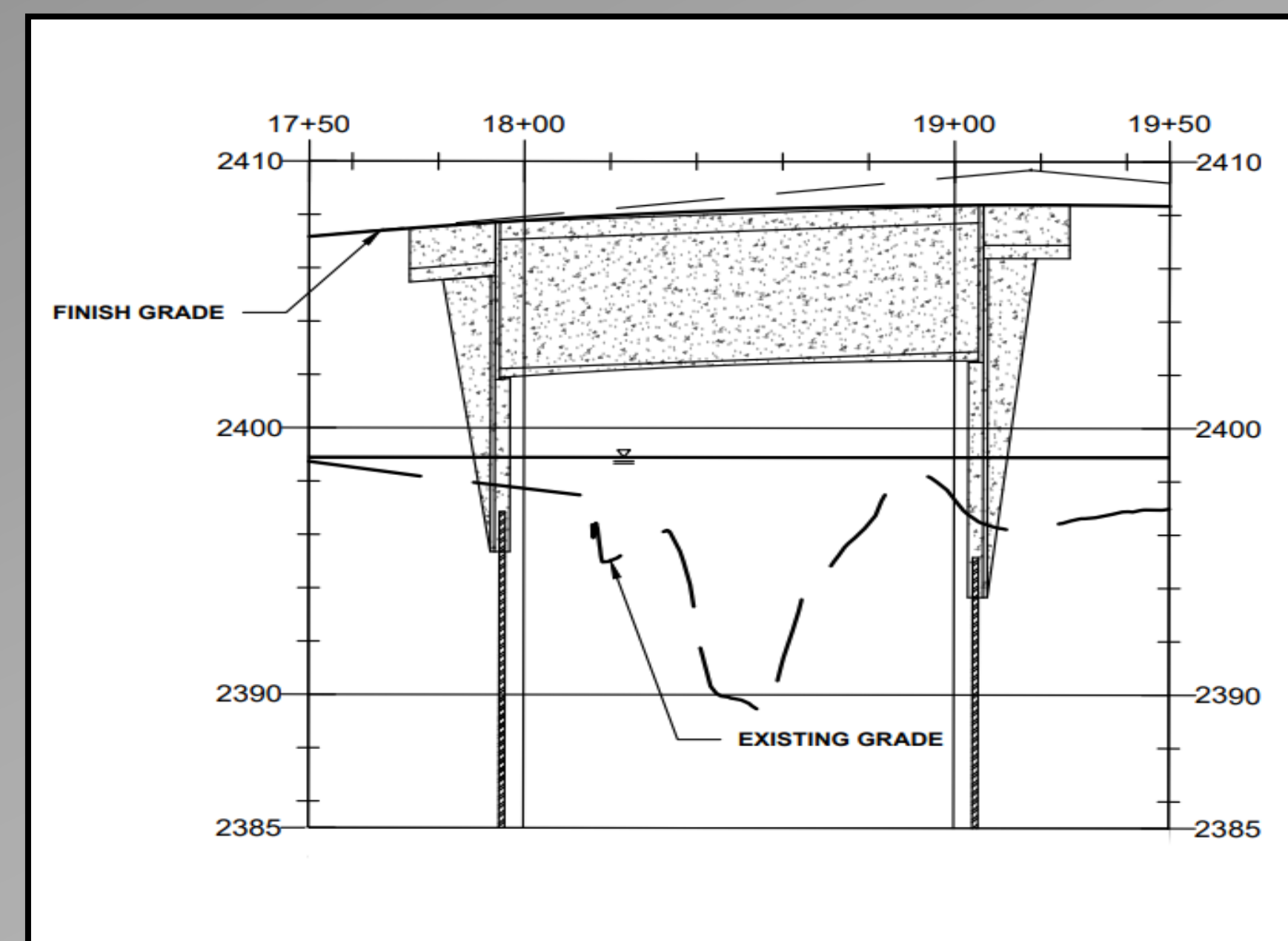
Project Cost Estimation

• Roadway	- \$ 1,275,000
• Bridge	- \$ 2,246,000
• Total	- \$ 3,521,000

Bridge and Hydraulics

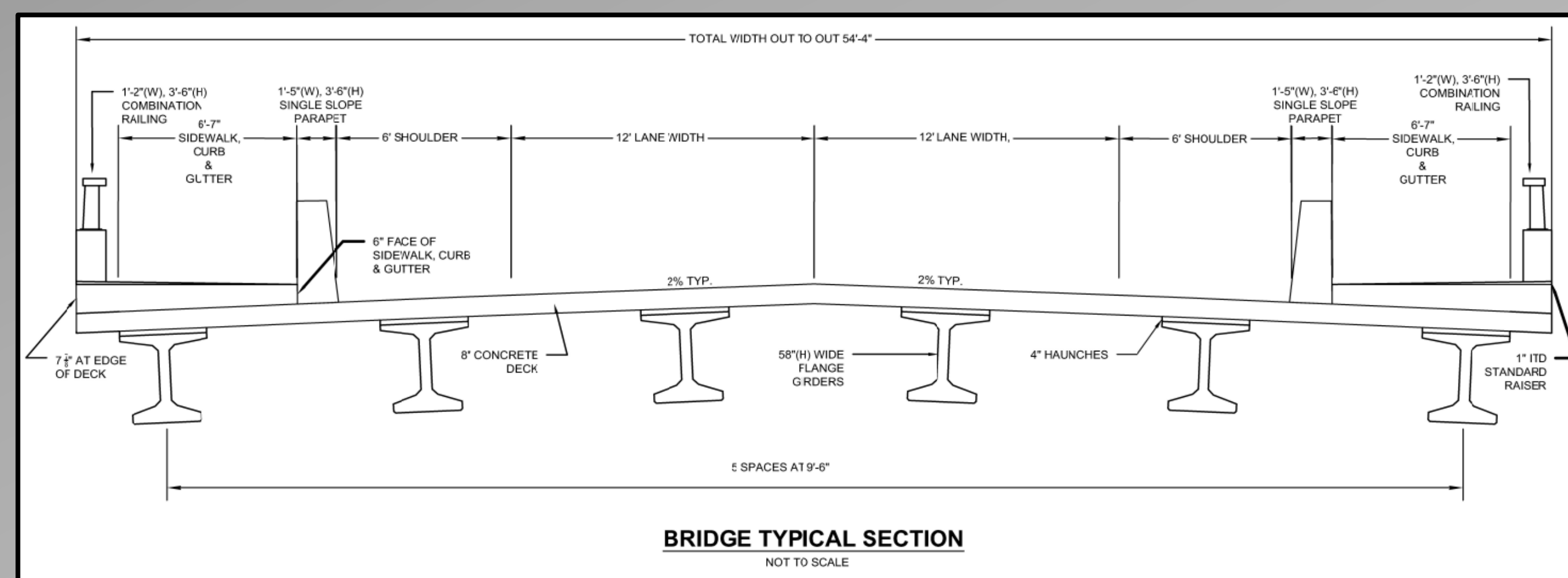
Bridge Side Profile

- Utilize 8, 16" diameter piles, per abutment. Piers will reach a depth of 38' below the bottom of the abutment



Hydraulic Model

- 100-year design flood
- Peak discharge: 2700 cubic feet per second
- High water: 2398.89 feet



Bridge Typical Section

- The bridge design includes the use of WF58G girders supporting an 8" thick deck

