

City of Sioux City

38th Street Bridge Replacement

Existing Bridge



Existing Rail

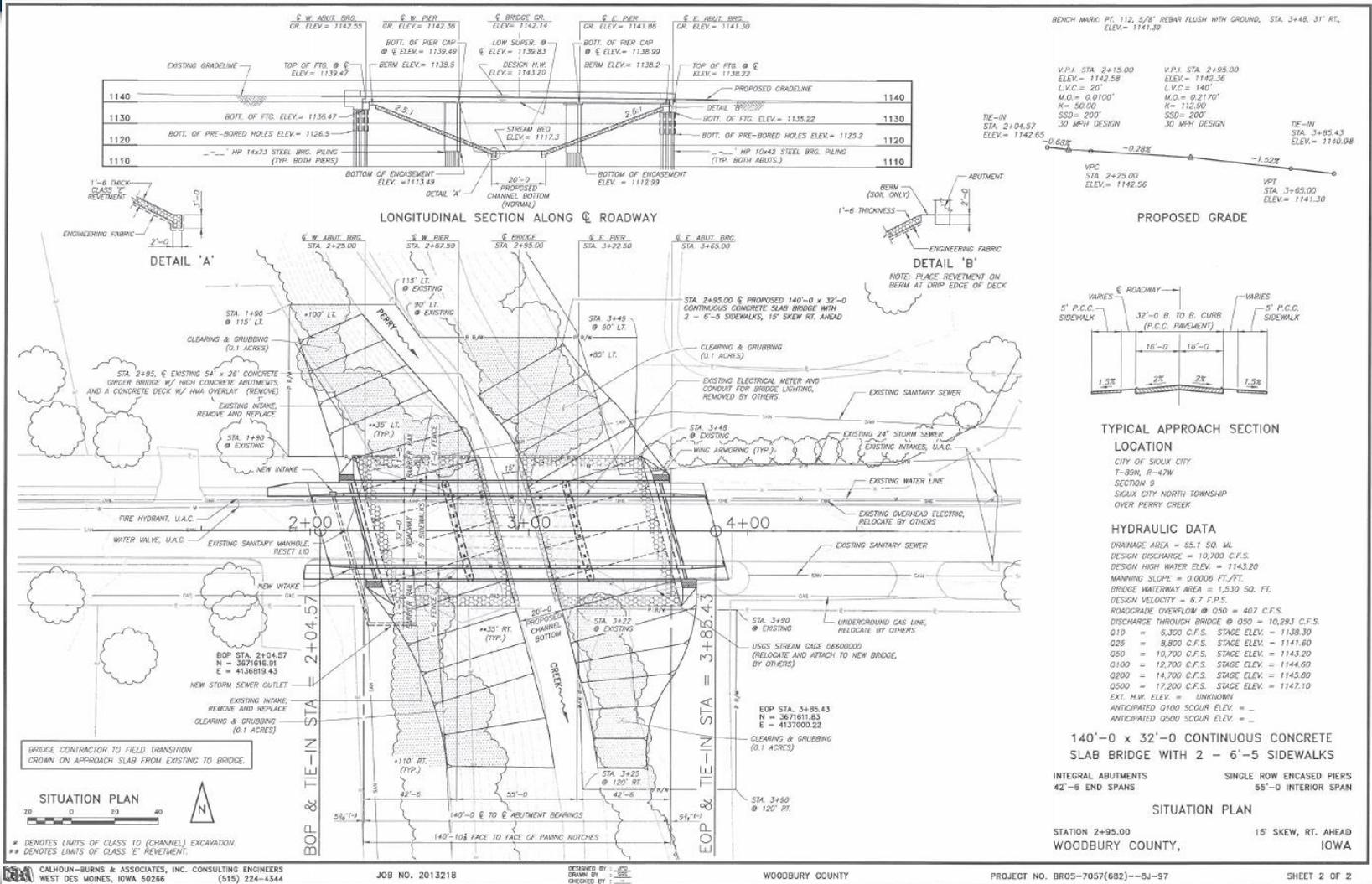


Continuous Concrete Slab Bridge

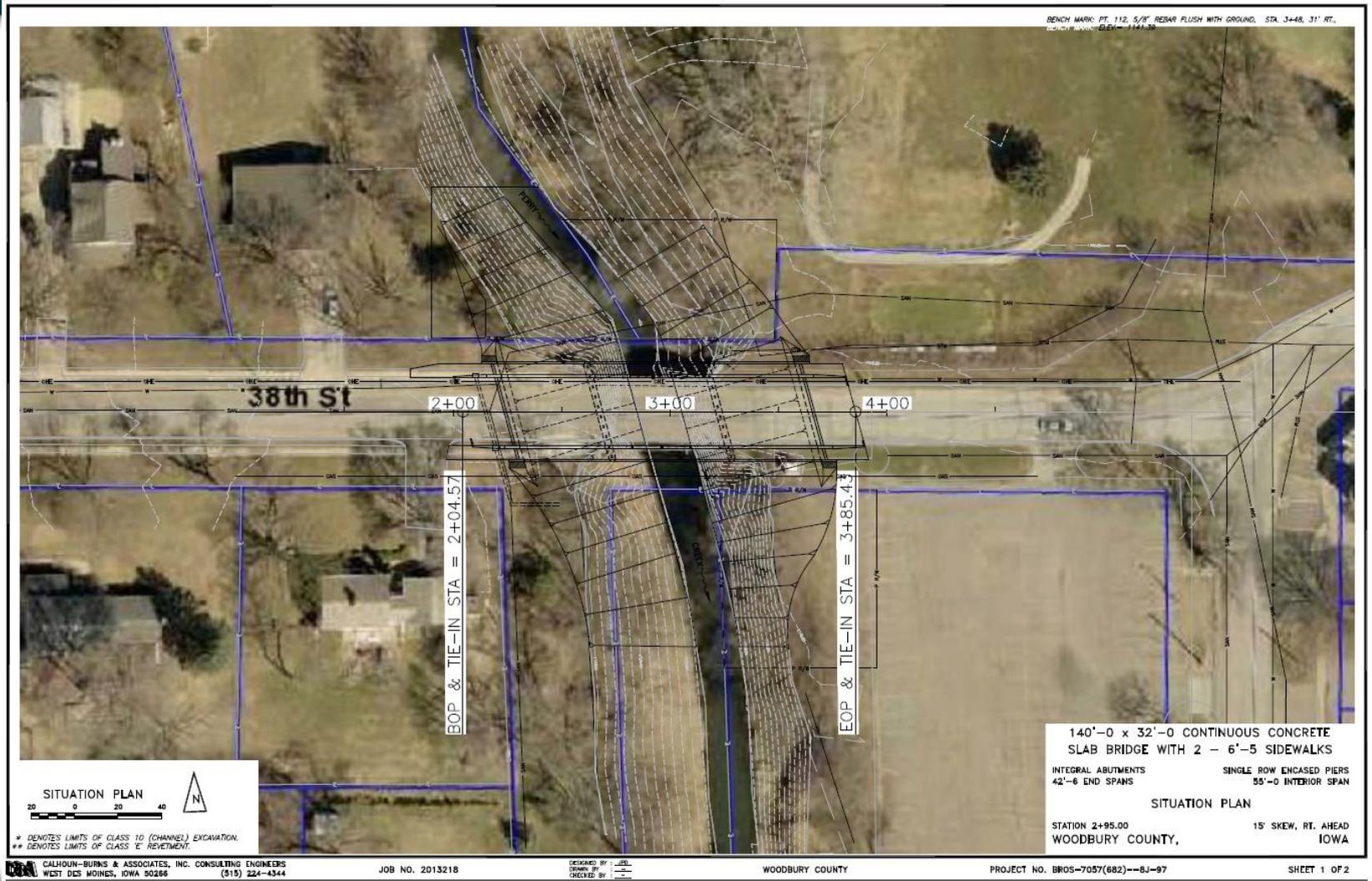
- Least amount of structural depth and most efficient.
- Requires no grade raise and results in shorter bridge and project length.



Preliminary Layout



Preliminary Layout





Conrad

Traffic Rail: Texas Rail

Handrail: Single Rail (painted/coated)

Sidewalk Rail: Standard Rail with Balusters (painted/coated)

Lights: Standard Single on Pilaster (mounted on exterior rail)



Coon Rapids

Traffic Rail: Texas Rail

Handrail: Double Rail with Balusters (painted/coated)

Sidewalk Rail: Standard Rail with Balusters (painted/coated)

Lights: Standard Single on Pilaster (mounted on interior rail)



Rockford

Traffic Rail: Texas Rail (colored concrete sealer)

Handrail: Single Rail (painted/coated)

Sidewalk Rail: Standard Rail with Balusters (painted/coated)

Lights: Abutments – Standard Single on Pilaster (mounted on exterior rail)

Pier – Triple on Pilaster (mounted on exterior rail)



Hardin Co. / Iowa Falls

Traffic Rail: Brick Veneer

Handrail: NA – No Handrail

Sidewalk Rail: Decorative Steel Rail on Concrete Curb with Brick Veneer Pilasters

Lights: Decorative Light Poles mounted on Brick Veneer Pilasters



Hardin Co. / Iowa Falls

Traffic Rail: Brick Veneer

Handrail: NA – No Handrail

Sidewalk Rail: Decorative Steel Rail on Concrete Curb with Brick Veneer Pilasters

Lights: Decorative Light Poles mounted on Brick Veneer Pilasters