

Interstate 680 Reconstruction Contract Requirements
September 12, 2011 Draft

- Scope of work

The goal of this contract is to restore traffic to Interstate 680 as rapidly as possible.

All design and construction work necessary to rebuild Interstate 680 from station 111+50 to station 245+00 unless noted otherwise.

All cross road and median culverts to be removed and replaced.

All pavement must be replaced.

The contractor will be required to take the necessary steps to secure the NPDES II permit prior to starting work.

- Engineering Drawings

- Contractor Furnished

Provide engineering drawings, sealed by a professional engineer licensed in the State of Iowa, for:

- Pavement joint details
- Pavement edge profiles
- As built plans
- Additional as necessary to complete contract work

- DOT Furnished

- Profiles grades for mainline, median ditch and side ditches

- Work to be added by change order. Additional contract time will not be allowed.

- Signing
 - Guardrail

- Work excluded from this contract

- Lighting
 - Fencing
 - Permanent Erosion Control
 - Backslope repair

- Construction Standards and Details

- Standard Specifications for Highway and Bridge Construction, 2009
 - GS-09003, April 19, 2011
 - Current Supplemental Specifications and Developmental Specifications
 - Standard Road Plans, April 19, 2011
 - Materials Instructional Memorandums, April 19, 2011

- Design Standards
 - Vertical and horizontal alignment as per as 1973/1974 built plans. Use symmetrical profile grades shown for both eastbound and westbound lanes.
 - Iowa Department of Transportation Design Manual
 - AASHTO Design Manual
 - Manual on Uniform Traffic Control Devices
- Method of Measurement
 - Lump sum for all work necessary to complete the contract
- Basis of Payment
 - Within 14 calendar days of signing the contract, provide unit price and quantity estimate schedule for payment items listed below. The quantities multiplied by unit prices must add up to total contract amount. Unit prices provided will be used in contract administration of quality incentive/disincentive and price adjustments.
 - Payment items
 1. pavement (SY)
 2. shoulders (SY)
 3. Granular Subbase (SY)
 4. Special Backfill (tons)
 5. Design costs, including survey (LS)
 6. Earthwork, earth shoulder construction, temporary erosion control (LS)
 7. Mobilization (LS, not to exceed 10% of the contract)
 8. Longitudinal Subdrains (LF)
 9. Pavement Markings (LS)
 10. All other work
 11. Cleanup and Demobilization (LS, must be at least 5% of the contract)
 - Payment will be made based on contractor invoice for completed percentage of the first ten payment items listed above.
 - This document is proposal level for the purposes of hierarchy, Article 1105.04