

Design Quality Index Report

10/15/2019

Contract ID 20190312008

Project ID 5516-00-70

Region SW

Total Factor Score 108

Evaluation Date 09/23/19

Inhouse Design

Raters Elizabeth Reis

County Monroe

Number of Factors Rated 16

Construction on time? Yes

Consultant Design Firm JEWELL

Federal ID wisc 2019153

Highway CTH W W

Project Index 6.8

Project Cost 579,183.56

Representing

Other

Remarks

Ratings

- 1 = Major problems, not constructable without major plan or design changes
- 2 = Major to moderate construction problems, moderate design or plan changes
- 3 = Moderate problems, constructable, minor design or plan changes
- 4 = Moderate to minor construction problems, minor to no design or plan changes
- 5 = Minor construction problems, no plan or design changes
- 6 = Minor to no construction problems
- 7 = No construction problems

<u>Factor</u>	<u>Rate</u>	<u>Comments</u>
Right of Way(adequate to construct)	7.0	
Horizontal Alignment(fit)	7.0	
Vertical Alignment (fit and drainage)	7.0	
Earthwork	7.0	
Work Zone Traffic Control Plans	7.0	
Erosion Control Plans	4.0	Site conditions did not allow for silt fence to be utilized for protection along the south abutment and temporary shoring ended up be needed to adequately protect the waterway
Construction Staging	7.0	
Utility Coordination	7.0	
Special Provisions	7.0	
Consistency between plans and special provisions	7.0	
Drainage	7.0	
Quantities	7.0	
Contract Time	7.0	
Structures	AVG. 6	
Plans accurate and complete	6.0	

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and complete

Soils information and Foundation Details	3.0	Additional pre-boring required due to bedrock elevation being higher than indicated in the plans; additional mobilization was required to complete pre-boring on north abutment after piling did not drive to required 10' embedment
Utility information accurate && complete	7.0	
Special Provisions clear and concise	7.0	
Ease of assembly and construction	7.0	
Survey	7.0	
Soils	7.0	