

CONSTRUCTION

Project Status Report

DATE: November 20th, 2015

Project Information: ID 8221-01/8110-02-70/71/72/75/73
St Croix Crossing Bridge and Wisconsin Approach

Contract Dates Superstructure:

Substantial Complete Date – TBD
Construction Completion Date – TBD

Milestones:

Mooring Cell Removals (except northern most) – TBD
Falsework and surface finishes – TBD
Dock wall & northern most mooring cell (camera) removal – TBD

Construction Dates WI Approach:

8110-02-71 – Grading, aggregate base, B-55-225 - COMPLETE

8110-02-72 – Grading from the STH 35 IC to the Eastern Limits - COMPLETE

8110-02-75 – Final paving from the Main River Bridge to the Eastern Limits

Construction start date-March 2016, Substantial Completion Date-October 3rd, 2016
(Includes requirement for contractor to complete paving next to bridge in 2017.)

8110-02-73 – Wisconsin Loop Trail Construction

Likely construction start date-Spring 2018, Likely substantial Completion Date-Fall 2018



CONSTRUCTION Project Status Report

Work completed to date:

1. Pier Work



a. All Columns Complete Except: 82045 – (13E, 13W)

- i. Footing piling is complete
- ii. Footing forming started this week

2. Abutment Work

a. 82045:

i. West:

- 1. EB: back wall supposed to be complete? (winter work)
- 2. WB: back wall supposed to be complete? (winter work)

ii. East: footing and body complete (idle until November 2016)

b. 82047: footing and body complete (idle until May 2017)

c. 82048: complete



CONSTRUCTION

Project Status Report

3. Crossbeams

- a. Piers 8, 9 & 12: complete
- b. Piers 10 & 11: complete except for removal of steel falsework truss

4. Pier Table - River



- a. Piers 8, 9 & 12: completed
- b. Pier 10: top slab down station complete, up station to be poured week after Thanksgiving
- c. Pier 11: top slab down station to be poured very soon, followed by top slab up station

5. Towers



- a. Piers 8, 9 & 12: completed
- b. Pier 10:
 - i. EB: 1st lift poured yesterday
 - ii. WB: 1st lift pour very soon
- c. Pier 11
 - i. EB: rebar installation of 1st lift (1st pour week after Thanksgiving)

CONSTRUCTION

Project Status Report

6. CIP Falsework



a. WB gore area: pour-backs complete, falsework removal ongoing



b. EB gore area: installing bottom slab pour 1 rebar & Pier 4E diaphragm rebar

c. 82048 Spans 1&2: complete

d. 82048 Spans 3&4: work to begin in January

7. Precast yards

a. Onsite:

- i. Segments cast: 230 of 338*
- ii. Completed cantilevers: 1E, 1W, 2E, 2W, 3E, 47-2, 47-3 (188 segments)*
- iii. Back-spans complete: AE, AW (22 segments)*
- iv. Cantilevers in-progress:*
 - 1. 3W-D1:12*
 - 2. 47: 4-D16:10 (Reverse casting)*
- v. Back-spans in-progress:*
 - 1. 47: 1-U1*

CONSTRUCTION Project Status Report

b. Grey Cloud:

- i. Segments cast: 360 of 650
- ii. Completed cantilevers: 8 & 9 (232 segments)
- iii. Back-spans complete: 7 (8 segments)
- iv. Cantilevers in-progress:
 - 1. E10-1D:8, E10-1U:7, W10-1D:7, W10-1U:6
 - 2. E11-1D:7, E11-1U:3, W11-1D:6, W11-1U:7
 - 3. E12-1D:7, E12-1U:24, W12-1D:6, W12-1U:24

8. Precast Approach : Unit 1E & 1W



a. Pier tables

- i. Completed: 2E, 2W, 3E

b. Segments

- i. Erected: 144 of 338
- ii. Completed cantilevers: 1E, 1W, 2E, 2W (68 segments)
- iii. Back-spans complete: AE, AW (64 segments)
- iv. Cantilevers in-progress:
 - 1. 47: P2, 2-U1:4, 2-D1:4
 - 2. 47: P3, 3-U1, 3-D1

9. River Segments

- a. Erected: 140 of 650
- b. Cantilevers in-progress:
 - i. Pier 8: E8-1D:17, E8-1U:17, W8-1D:17, W8-1U:17
 - ii. Pier 9: E9-1D:16, E9-1U:16, W9-1D:16, W9-1U:16
 - iii. Pier 12: E12-1D:2, E12-1U:2, W12-1D:2, W12-1U:2

10. Wisconsin Approach

- a. 8110-02-71: Grading from the STH 35 IC to the Eastern Limits Project
 - i. Completed: November 14th
- b. 8110-02-75: Final paving from the Main River Bridge to the Eastern Limits
 - i. Let date: December 8th

CONSTRUCTION

Project Status Report

7. Towers

- a. Ongoing: Piers 10 & 11 (completion dependent on ice-in??)

8. Cast-In-Place:

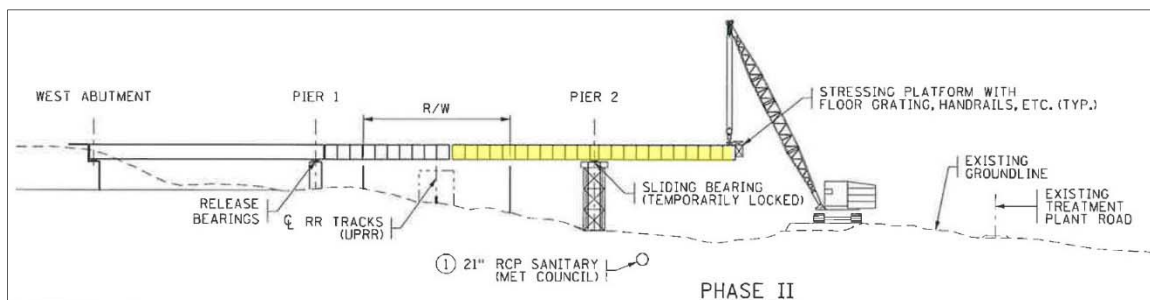
- a. 82045 WB Spans 6-7: falsework removal complete
- b. 82045 EB Spans 5-7:
 - i. Falsework piling complete
 - ii. Bottom slab pours complete
- c. 82048 Spans 3 & 4: falsework piling complete

9. Precast yards

- a. Approach Casting Yard (260 of 338 total)
 - i. Complete 47 bridge: 4-D16:1 (reverse casting)
 - ii. Complete 47 bridge: 1-U1:10
 - iii. Complete: 3W-D1:17
 - iv. Cast: 3W-U1:10
 - v. Assumes casting will continue until Christmas with 6 segments cast per week
- b. Grey Cloud Casting Yard (448 of 650 total)
 - i. Pier 10: cast additional 20 segments
 - ii. Pier 11 cast additional 20 segments
 - iii. Pier 12: cast additional 20 segments
 - iv. Pier 13: cast 25 segments
 - v. Assumes casting rate of about 8 segments per week

10. Precast Approach : Unit 1E & 1W

- a. Pier Table
 - i. Webs: 3W
 - ii. Bottom slab: 4W
- b. Segments erected (158 of 338)



- ii. Complete bridge 47 Pier 2 Cantilever
- iii. Erection to resume mid-April

RFI Status:

346 RFIs have been submitted to date.

Percent Contract Complete: 66.88%

CONSTRUCTION

Project Status Report

Budget Status:

Original Contract Value	\$332,455,810.90
Funds Encumbered to Date	\$336,090,166.74
WisDOT portion of Superstructure	\$143,894,235.69
Value of Work Certified to Date	\$224,777,042.32
WisDOT portion	\$94,711,246.72

Schedule Status:

1. The Contractor submitted a draft schedule (for opening to traffic in 2017) on November 6th.
2. The substantial completion date is shown as October 3rd, 2017. (Negative 307 days float)
3. The construction completion date is shown as January 1st, 2018.
4. New completion date will be announced before the end of the year.

8110-02-75:

Let Date December 8th, construction to begin in March

Description: Paving from the bridge to the eastern limits

