

The Use of Precast Concrete Piers on the I-39/90 Expansion Project

WisDOT is implementing Accelerated Bridge Construction techniques with the following goals:

- Safer projects
- Shorter and less disruptive impacts to the traveling public
- Higher quality
- Potential cost savings

One of the techniques is the use of Prefabricated Bridge Elements and Systems which includes precast pier elements. On the IH 39/90 Corridor Project, 4 bridges will be constructed with precast piers (required by contract), and many others will show precast piers as an interchangeable option to typical cast-in-place construction.

Please refer to sheets 2 through 11 of this document for additional information including a preliminary* detailed breakdown of structures.

*Information shown is effective 12/29/2014 and subject to change.



Precast Piers

I-39/90 Expansion Project
Wisconsin/Illinois Stateline to USH 12/18 Interchange
Rock and Dane County

January 2015

PROJECT REQUIREMENTS

The Wisconsin Department of Transportation (WisDOT) is requiring the I-39/90 Expansion Project to deliver bridge plans that are interchangeable between cast-in-place and precast construction.

PRECAST PIER BREAKDOWN*

Number of Structures	Number of Piers	Number of Columns	Number of Caps
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Project Segment

South	17	25	122	47
Central	6	6	42	16
North	39	52	239	95

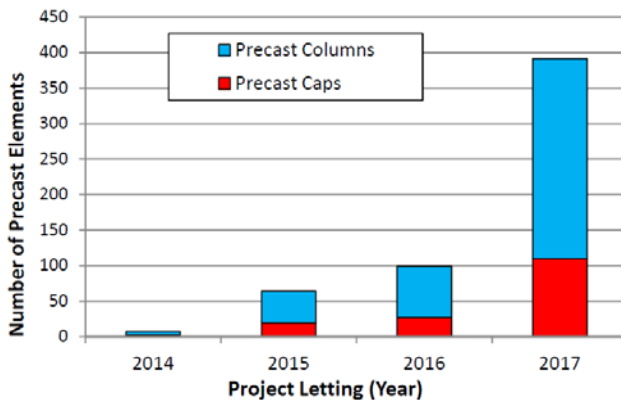
Project Letting Year

2014	1	1	5	2
2015	10	10	45	19
2016	14	14	72	27
2017	37	58	281	110

Total

Project	62	83	403	158
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PRECAST PIER SCHEDULE*



*Estimates based on preliminary data (January 2015)

PRECAST PIER BENEFITS

Project:

- Minimize Traffic Impacts
- Schedule Flexibility
- Improved Safety

Product:

- Consistent Quality
- Reduce Weather Dependency
- Repetitive



Precast Piers

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PRECAST PIERS

PAST WORK

Rawson Avenue (2013)

- 7 Columns
- 3 Caps

Siggelkow Road (2014)

- 5 Columns
- 2 Caps

FUTURE WORK (MANDATORY)

- B-13-702 (6 Columns/3 Caps)
- B-13-703 (3 Columns/1 Cap)
- B-13-707 (5 Columns/2 Caps)
- B-13-709 (3 Columns/1 Cap)

STANDARDIZATION

- Pier Cap: 3'-9" wide x 4'-0" deep
- Pier Column: 4'-0" wide x 3'-0" deep
- Only cap and column lengths vary

CONSIDERATIONS

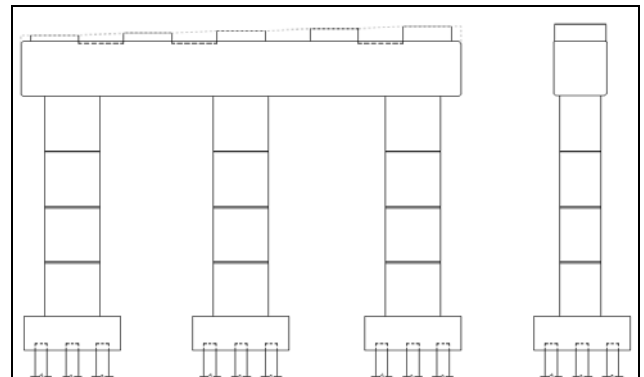
- 90,000 pound weight limit
- Limited aesthetic detail
- Precast bearing blocks used for beams seats



Rawson Avenue Bridge (2013)



Siggelkow Road (2014)



WisDOT BOS Standard Detail (2015)

**Summary of Units for Precast Pier Elements
 for IH 39 Corridor, Wisconsin/Illinois
 Stateline to USH 12/18 Interchange, Dane
 and Rock County**

	Structure Number	Number of Piers	Number of Columns	Number of Caps
South Segment	B-53-325	1	3	1
	B-53-216	2	6	2
	B-53-217	2	6	2
	B-53-300	2	12	4
	B-53-301	2	12	4
	B-53-302	1	5	2
	B-53-303	1	5	2
	B-53-312	1	3	1
	B-53-313	1	6	3
	B-53-314	NA	NA	NA
	B-53-315	NA	NA	NA
	B-53-316	1	3	1
	B-53-317	2	10	4
	B-53-318	2	10	4
	B-53-319	1	3	1
	B-53-321	2	14	6
	B-53-322	2	14	6
	B-53-324	1	5	2
B-53-325	1	5	2	

Central Segment	B-53-338	1	9	4
	B-53-339	1	9	3
	B-53-342	1	8	3
	B-53-343	1	8	3
	B-53-350	1	3	1
	B-53-359	1	5	2

North Segment	B-13-702	1	6	3	* Mandatory
	B-13-703	1	3	1	* Mandatory
	B-13-706	1	3	1	
	B-13-707	1	5	2	* Mandatory
	B-13-708	1	6	2	
	B-13-709	1	3	1	* Mandatory
	B-13-718	1	3	1	
	B-13-719	1	3	1	
	B-13-720	1	6	3	
	B-13-721	1	3	1	
	B-13-728	1	6	2	
	B-13-801	1	6	3	
	B-13-D1	1	6	2	** BIC
	B-13-D4	1	6	2	** BIC
	B-13-D2	1	5	2	** BIC
	B-13-D3	1	5	2	** BIC
	B-13-D5A	1	5	2	** BIC
	B-13-D6	3	15	6	** BIC
	B-13-D7	3	15	6	** BIC
	B-13-D13	1	3	1	** BIC
	B-13-D14	1	3	1	** BIC
	B-13-D15	1	5	2	** BIC
	B-13-D16	1	5	2	** BIC
	B-13-D11	2	8	4	** BIC
	B-13-D12	2	8	4	** BIC
	B-13-D23	1	3	1	** BIC
	B-13-T1	2	10	4	** BIC
	B-13-T2	2	10	4	** BIC
	B-13-D21	2	6	2	** BIC
	B-13-D19	1	5	2	** BIC
	B-13-D20	1	5	2	** BIC
	B-13-D24	2	5	4	** BIC
	B-13-D26	2	12	4	** BIC
	B-13-D27	2	12	4	** BIC
B-13-D25	1	8	3	** BIC	
B-13-T4	1	3	1	** BIC	
B-13-T5	1	3	1	** BIC	
Meier Rd.	2	10	4	** BIC	

82	398	156
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* **Mandatory** - Mandatory Use of Precast Pier Elements
 ** **BIC** - Number of Elements in BIC is estimated based upon 12/29/2014 conceptual plans.

**Summary of Structures and Use of Precast Pier Elements for IH 39
 Corridor, Wisconsin/Illinois Stateline to USH 12/18 Interchange, Dane
 and Rock County**

**South Segment - Wisconsin/Illinois Stateline
 to CTH O, Rock County**

Project ID	1003-10-82
Descriptor #1	Illinois State Line - Madison
Descriptor #1	Stateline Road Bridge/Approaches B-53-325
Descriptor #1	IH 39
County	Rock
Let Date	Scheduled Let Date is 2/9/2016 (Possible Advanceable Date is 3/10/2015)
Structure Number	B-53-325
Structure Description	Stateline Road over IH 39/90 NB & SB
Plans Available on HCCI	Yes (9/17/2014)
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	1 @ 4'-5 1/4" minimum high x 3'-9" wide x 39'-0" long (cast-in-place dimensions given)
Number of Pier Columns	3 @ 3'-0" x 4'-0" x 17'-0" long with standard rustification

Project ID	1003-10-81
Descriptor #1	Illinois State Line - Madison
Descriptor #1	IH 39/90 Southbound over Colley Road
Descriptor #1	IH 39
County	Rock
Scheduled Let Date	September 12, 2017
Structure Number	B-53-216
Structure Description	IH 39/90 Southbound over Colley Road
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (Structure widening)
Number of Piers	Under review
Number of Pier Caps	Under review
Number of Pier Columns	Under review

Project ID	1003-10-81
Descriptor #1	Illinois State Line - Madison
Descriptor #1	IH 39/90 Southbound over Spring Brook/CP RR
Descriptor #1	IH 39
County	Rock
Scheduled Let Date	September 12, 2017
Structure Number	B-53-300
Structure Description	IH 39/90 Southbound over Spring Brook/CP RR
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	Under review
Number of Pier Caps	Under review
Number of Pier Columns	Under review

Project ID	1003-10-79/80
Descriptor #1	Illinois State Line - Madison
Descriptor #1	IH 43 Interchange
Descriptor #1	IH 39
County	Rock
Scheduled Let Date	July 11, 2017
Structure Number	B-53-302
Structure Description	5TH 81 Westbound over IH 39/90
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 5 columns per pier)

Project ID	1003-10-73
Descriptor #1	Illinois State Line - Madison
Descriptor #1	Hart Road Bridge/Approaches B-53-312
Descriptor #1	IH 39
County	Rock
Scheduled Let Date	January 12, 2016
Structure Number	B-53-312
Structure Description	Hart Road over IH 39/90 NB & SB
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	1 @ 4'-5 1/4" minimum high x 3'-9" wide x XX'-X" long (cast-in-place dimensions given)
Number of Pier Columns	3 @ 3'-0" x 4'-0" x XX'-X" long with standard rustification

Project ID	1003-10-71
Descriptor #1	Illinois State Line - Madison
Descriptor #1	Shopiere Road (CTH S) Interchange
Descriptor #1	IH 39
County	Rock
Scheduled Let Date	March 10, 2015
Structure Number	B-53-313
Structure Description	Shopiere Road (CTHS) over IH 39/90 NB & SB
Plans Available on HCCI	Yes (9/17/2014)
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	3 @ 4'-5 minimum high x 3'-9" wide x 32'-2" long (cast-in-place dimensions given)

Project ID	1003-10-81
Descriptor #1	Illinois State Line - Madison
Descriptor #1	IH 39/90 Northbound over Colley Road
Descriptor #1	IH 39
County	Rock
Scheduled Let Date	September 12, 2017
Structure Number	B-53-217
Structure Description	IH 39/90 Northbound over Colley Road
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (Structure widening)
Number of Piers	Under review
Number of Pier Caps	Under review
Number of Pier Columns	Under review

Project ID	1003-10-81
Descriptor #1	Illinois State Line - Madison
Descriptor #1	IH 39/90 Northbound over Spring Brook/CP RR
Descriptor #1	IH 39
County	Rock
Scheduled Let Date	September 12, 2017
Structure Number	B-53-301
Structure Description	IH 39/90 Northbound over Spring Brook/CP RR
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	Under review
Number of Pier Caps	Under review
Number of Pier Columns	Under review

Project ID	1003-10-79/80
Descriptor #1	Illinois State Line - Madison
Descriptor #1	IH 43 Interchange
Descriptor #1	IH 39
County	Rock
Scheduled Let Date	July 11, 2017
Structure Number	B-53-303
Structure Description	5TH 81 Eastbound over IH 39/90
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 5 columns per pier)

Number of Pier Columns	6 @ 3'-0" x 4'-0" x 17'-6" long with standard rustification
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Project ID	1003-10-76
Description #1	Illinois State Line - Madison
Description #1	IH 39/90 Southbound over Turtle Creek
Description #1	IH 39
County	Rock
Scheduled Let Date	September 12, 2017
Structure Number	B-53-314
Structure Description	IH 39/90 Southbound over Turtle Creek
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	Under review (Assume 2 piers)
Number of Pier Caps	Under review (Assume not applicable for stream crossing)
Number of Pier Columns	Under review (Assume not applicable for stream crossing)

Project ID	1003-10-74
Description #1	Illinois State Line - Madison
Description #1	Creek Road Bridge/Approaches, B-53-316
Description #1	IH 39
County	Rock
Scheduled Let Date	November 10, 2015
Structure Number	B-53-316
Structure Description	Creek Road over IH 39/90 NB & SB
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	1 @ 4'-5" minimum high x 3'-9" wide x 40'-X" long (cast-in-place dimensions given)
Number of Pier Columns	3 @ 3'-0" x 4'-0" x 17'-X" long with standard rustification

Project ID	1003-10-76
Description #1	Illinois State Line - Madison
Description #1	IH 39/90 Southbound over Townline Road
Description #1	IH 39
County	Rock
Scheduled Let Date	September 12, 2017
Structure Number	B-53-317
Structure Description	IH 39/90 Southbound over Townline Road
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	Under review (Assume 2 piers)
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 5 columns per pier)

Project ID	1003-10-75
Description #1	Illinois State Line - Madison
Description #1	Woodman Road Bridge/Approaches, B-53-319
Description #1	IH 39
County	Rock
Scheduled Let Date	April 14, 2015
Structure Number	B-53-319
Structure Description	Woodman Road over IH 39/90 NB & SB
Plans Available on HCCI	Yes (9/17/2014)
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	1 @ 4'-6" minimum high x 3'-9" wide x 38'-6" long (cast-in-place dimensions given)
Number of Pier Columns	3 @ 3'-0" x 4'-0" x 15'-0" long with standard rustification

Project ID	1003-10-76
Description #1	Illinois State Line - Madison
Description #1	IH 39/90 Southbound over UP RR
Description #1	IH 39
County	Rock
Scheduled Let Date	September 12, 2017
Structure Number	B-53-321
Structure Description	IH 39/90 Southbound over UP RR
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	Under review (Assume 2 piers)
Number of Pier Caps	Under review (Assume 3 caps per pier)
Number of Pier Columns	Under review (Assume 7 columns per pier)

Project ID	1003-10-72
Description #1	Illinois State Line - Madison
Description #1	STH 11 (Avalon Road) Eastbound over IH 39/90
Description #1	IH 39
County	Rock
Scheduled Let Date	August 11, 2015
Structure Number	B-53-323
Structure Description	STH 11 (Avalon Road) Eastbound over IH 39/90
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	2 @ 4'-6" minimum high x 3'-9" wide x XX'-X" long (cast-in-place dimensions given)
Number of Pier Columns	5 @ 3'-0" x 4'-0" x XX'-X" long with standard rustification

Central Segment - CTH O, Rock County to South Dane County Line, Rock County

Project ID	1005-10-77
Description #1	Illinois State Line - Madison
Description #1	USH 14 Interchange
Description #1	IH 39

Project ID	1003-10-76
Description #1	Illinois State Line - Madison
Description #1	IH 39/90 Northbound over Townline Road
Description #1	IH 39
County	Rock
Scheduled Let Date	September 12, 2017
Structure Number	B-53-315
Structure Description	IH 39/90 Northbound over Turtle Creek
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	Under review (Assume 2 piers)
Number of Pier Caps	Under review (Assume not applicable for stream crossing)
Number of Pier Columns	Under review (Assume not applicable for stream crossing)

Project ID	1003-10-76
Description #1	Illinois State Line - Madison
Description #1	IH 39/90 Northbound over Townline Road
Description #1	IH 39
County	Rock
Scheduled Let Date	September 12, 2017
Structure Number	B-53-318
Structure Description	IH 39/90 Northbound over Townline Road
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	Under review (Assume 2 piers)
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 5 columns per pier)

Project ID	1003-10-76
Description #1	Illinois State Line - Madison
Description #1	IH 39/90 Northbound over UP RR
Description #1	IH 39
County	Rock
Scheduled Let Date	September 12, 2017
Structure Number	B-53-322
Structure Description	IH 39/90 Northbound over UP RR
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	Under review (Assume 2 piers)
Number of Pier Caps	Under review (Assume 3 caps per pier)
Number of Pier Columns	Under review (Assume 7 columns per pier)

Project ID	1003-10-72
Description #1	Illinois State Line - Madison
Description #1	STH 11 (Avalon Road) Westbound over IH 39/90
Description #1	IH 39
County	Rock
Scheduled Let Date	August 11, 2015
Structure Number	B-53-324
Structure Description	STH 11 (Avalon Road) Westbound over IH 39/90
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	2 @ 4'-6" minimum high x 3'-9" wide x XX'-X" long (cast-in-place dimensions given)
Number of Pier Columns	5 @ 3'-0" x 4'-0" x XX'-X" long with standard rustification

Project ID	1005-10-77
Description #1	Illinois State Line - Madison
Description #1	USH 14 Interchange
Description #1	IH 39

County	Rock
Scheduled Let Date	August 9, 2016
Structure Number	B-53-338
Structure Description	IH 39/90 Southbound over USH 14
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	4 @ 4'-6" minimum high x 3'-9" wide x XX'-X" long (cast-in-place dimensions given)
Number of Pier Columns	9 @ 3'-0" x 4'-0" x XX'-X" long with standard rustification

County	Rock
Scheduled Let Date	August 9, 2016
Structure Number	B-53-339
Structure Description	IH 39/90 Northbound over USH 14
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	3 @ 4'-6" minimum high x 3'-9" wide x XX'-X" long (cast-in-place dimensions given)
Number of Pier Columns	9 @ 3'-0" x 4'-0" x XX'-X" long with standard rustification

Project ID	1005-10-77
Descripton #1	Illinois State Line - Madison
Descripton #1	STH 26 Interchange
Descripton #1	IH 39
County	Rock
Scheduled Let Date	August 9, 2016
Structure Number	B-53-342
Structure Description	IH 39/90 Southbound over STH 26
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	3 @ 4'-6" minimum high x 3'-9" wide x XX'-X" long (cast-in-place dimensions given)
Number of Pier Columns	8 @ 3'-0" x 4'-0" x XX'-X" long with standard rustification

Project ID	1005-10-77
Descripton #1	Illinois State Line - Madison
Descripton #1	STH 26 Interchange
Descripton #1	IH 39
County	Rock
Scheduled Let Date	August 9, 2016
Structure Number	B-53-343
Structure Description	IH 39/90 Northbound over STH 26
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	3 @ 4'-6" minimum high x 3'-9" wide x XX'-X" long (cast-in-place dimensions given)
Number of Pier Columns	8 @ 3'-0" x 4'-0" x XX'-X" long with standard rustification

Project ID	1005-10-75
Descripton #1	Illinois State Line - Madison
Descripton #1	Manogue Road Bridge/Approaches, B-53-350
Descripton #1	IH 39
County	Rock
Let Date	March 18, 2016
Structure Number	B-53-350
Structure Description	Manogue Road over IH 39/90
Plans Available on HCCI	Yes (10/28/2014)
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	1 @ 4'-0" minimum high x 3'-9" wide x 38'-10" long (cast-in-place dimensions given)
Number of Pier Columns	3 @ 3'-6" x 4'-6" x 19'-6" long with standard rustification

Project ID	1005-10-72
Descripton #1	Illinois State Line - Madison
Descripton #1	STH 59 Interchange
Descripton #1	IH 39
County	Rock
Scheduled Let Date	August 11, 2015
Structure Number	B-53-359
Structure Description	STH 59 over IH 39/90
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	2 @ 4'-6" minimum high x 3'-9" wide x XX'-X" long (cast-in-place dimensions given)
Number of Pier Columns	5 @ 3'-0" x 4'-0" x XX'-X" long with standard rustification

North Segment - South Dane County Line to North of Beltline Interchange, Dane County

Project ID	1007-10-72
Descripton #1	Illinois State Line - Madison
Descripton #1	USH 51/STH 73 Interchange
Descripton #1	IH 39
County	Dane
Scheduled Let Date	March 10, 2015
Structure Number	B-13-702
Structure Description	USH 51/STH 73 Bridge over IH 39/90
Plans Available on HCCI	Yes (9/12/2014)
Precast Pier Elements	Mandatory Use
Number of Piers	1
Number of Pier Caps	2 @ 4'-0" high x 3'-9" wide x 25'-6" long & 1 @ 39'-6" long
Number of Pier Columns	6 @ 3'-6" x 4'-6" x 18'-0" long with standard rustification

Project ID	1007-10-76
Descripton #1	Illinois State Line - Madison
Descripton #1	STH 106 Bridge/Approaches B-13-703
Descripton #1	IH 39
County	Dane
Scheduled Let Date	7/14/2015; Advanceable Date 3/10/2015
Structure Number	B-13-703
Structure Description	Edgerton Road over IH 39/90 NB & SB
Plans Available on HCCI	Yes (9/12/2014)
Precast Pier Elements	Mandatory Use
Number of Piers	1
Number of Pier Caps	1 @ 4'-0" high x 3'-9" wide x 37'-0" long and standard bearing blocks
Number of Pier Columns	3 @ 3'-0" x 4'-0" x 19'-0" long with standard rustification

Project ID	1007-10-76
Descripton #1	Illinois State Line - Madison
Descripton #1	Maple Grove Road Bridge/Approaches B-13-706
Descripton #1	IH 39
County	Dane
Scheduled Let Date	January 12, 2016
Structure Number	B-13-706

Structure Description	Maple Grove Road over IH 39/90 NB & SB
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	1 @ 4'-0" high x 3'-9" wide x 38'-X" long (cast-in-place dimensions given)
Number of Pier Columns	3 @ 3'-0" x 4'-0" x 17'-X" long with standard rustification

Project ID	1007-10-73
Description #1	Illinois State Line - Madison
Description #1	IH 39/90 Southbound over USH 51
Description #1	IH 39
County	Dane
Scheduled Let Date	January 12, 2016
Structure Number	B-13-707
Structure Description	IH 39/90 Southbound over USH 51
Plans Available on HCCI	No
Precast Pier Elements	Mandatory Use
Number of Piers	1
Number of Pier Caps	2 @ 4'-0" high x 3'-9" wide x XX'-0" long and standard bearing blocks
Number of Pier Columns	5 @ 3'-0" x 4'-0" x 22'-0" long with standard rustification

Project ID	1007-10-75
Description #1	Illinois State Line - Madison
Description #1	CTH A Bridge/Approaches, B-13-709
Description #1	IH 39
County	Dane
Scheduled Let Date	July 14, 2015
Structure Number	B-13-709
Structure Description	CTH A over IH 39/90
Plans Available on HCCI	No
Precast Pier Elements	Mandatory Use
Number of Piers	1
Number of Pier Caps	1 @ 4'-0" high x 3'-9" wide x 40'-0" long and standard bearing blocks
Number of Pier Columns	3 @ 3'-0" x 4'-0" x 22'-0" long with standard rustification

Project ID	1007-10-70
Description #1	Illinois State Line - Madison
Description #1	CTH BN Bridge/Approaches, B-13-718
Description #1	IH 39
County	Dane
Scheduled Let Date	January 12, 2016
Structure Number	B-13-718
Structure Description	CTH BN over IH 39/90
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	1 @ 4'-6" high x 3'-9" wide x 39'-X" long (cast-in-place dimensions given)
Number of Pier Columns	3 @ 3'-0" x 4'-0" x 18'-X" long with standard rustification

Project ID	1007-10-89
Description #1	Illinois State Line - Madison
Description #1	Church Road Bridge/Approaches, B-13-719
Description #1	IH 39
County	Dane
Scheduled Let Date	January 12, 2016
Structure Number	B-13-719
Structure Description	Church Road over IH 39/90
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	1 @ 4'-6" high x 3'-9" wide x 40'-X" long (cast-in-place dimensions given)
Number of Pier Columns	3 @ 3'-0" x 4'-0" x XX'-X" long with standard rustification

Project ID	1007-10-86
Description #1	Illinois State Line - Madison
Description #1	CTH N Interchange
Description #1	IH 39
County	Dane
Scheduled Let Date	December 13, 2016
Structure Number	B-13-720
Structure Description	CTH N over IH 39/90
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	3 @ 4'-6" high x 3'-9" wide x XX'-X" long (cast-in-place dimensions given)
Number of Pier Columns	6 @ 3'-0" x 4'-0" x XX'-X" long with standard rustification

Project ID	1007-10-87
Description #1	Illinois State Line - Madison
Description #1	Williams Drive Bridge/Approaches, B-13-721
Description #1	IH 39
County	Dane
Scheduled Let Date	January 12, 2016
Structure Number	B-13-721
Structure Description	Williams Drive over IH 39/90
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	1 @ 4'-6" high x 3'-9" wide x 40'-X" long (cast-in-place dimensions given)
Number of Pier Columns	3 @ 3'-0" x 4'-0" x 19'-X" long with standard rustification

Project ID	1007-11-75
Description #1	Illinois State Line - Madison
Description #1	IH 39/90 Northbound over USH 51
Description #1	IH 39
County	Dane
Scheduled Let Date	January 12, 2016
Structure Number	B-13-708
Structure Description	IH 39/90 Northbound over USH 51
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	2 @ 4'-0" high x 3'-9" wide x XX'-0" long and standard bearing blocks
Number of Pier Columns	6 @ 3'-0" x 4'-0" x 22'-0" long with standard rustification

Project ID	1007-10-71
Description #1	Illinois State Line - Madison
Description #1	IH 39/90 Southbound over Siggelkow Road
Description #1	IH 39
County	Dane
Scheduled Let Date	Construction completed in 2014
Structure Number	B-13-727
Structure Description	IH 39/90 Southbound over Siggelkow Road
Plans Available on HCCI	No
Precast Pier Elements	Mandatory Use
Number of Piers	1
Number of Pier Caps	Construction completed in 2014
Number of Pier Columns	Construction completed in 2014

Project ID	3070-00-73
Description #1	IH 39 - Columbus
Description #1	Fadness Road to London Road
Description #1	STH 73
County	Dane
Scheduled Let Date	April 14, 2015
Structure Number	B-13-801
Structure Description	USH 12/18 over STH 73
Plans Available on HCCI	Yes (9/12/2014)
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	2 @ 4'-6" high x 3'-9" wide x 32'-3" long & 1 @ 22'-0" long (cast-in-place dimensions given)
Number of Pier Columns	6 @ 3'-0" x 4'-0" x 15'-0" long without rustification

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-D1 (Design Stage Number System)
Structure Description	IH 39 SB Off-Ramp over Femrite Drive
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	1
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 6 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-D2 (Design Stage Number System)
Structure Description	IH 39 SB over Femrite Drive
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	1
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 5 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-D5A (Design Stage Number System)
Structure Description	IH 39 SB Ramp over 2 Ramps
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	1
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 5 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-D6 (Design Stage Number System)
Structure Description	IH 39 SB over 3 Ramps
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	3
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 5 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-D13 (Design Stage Number System)
Structure Description	IH 39 SB On-Ramp over USH 12/18
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	1
Number of Pier Caps	Under review (Assume 1 cap per pier)
Number of Pier Columns	Under review (Assume 3 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane

Project ID	1007-10-80
Description #1	Illinois State Line - Madison
Description #1	IH 39/90 Northbound over Siggelkow Road
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-728
Structure Description	IH 39/90 Northbound over Siggelkow Road
Plans Available on HCCI	No
Precast Pier Elements	Optional Use
Number of Piers	1
Number of Pier Caps	2 @ 4'-6" high x 3'-9" wide x 38'-X" long (cast-in-place dimensions given)
Number of Pier Columns	6 @ 3'-0" x 4'-0" x 17'-X" long with standard rustification

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-D4 (Design Stage Number System)
Structure Description	IH 39 NB On-Ramp over Femrite Drive
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	1
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 6 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-D3 (Design Stage Number System)
Structure Description	IH 39 NB over Femrite Drive
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	1
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 5 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-D7 (Design Stage Number System)
Structure Description	IH 39 NB over 3 Ramps
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	3
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 5 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-D24 (Design Stage Number System)
Structure Description	Agriculture Drive over USH 12/18 & WB Ramps
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	2
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 5 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-D26 (Design Stage Number System)
Structure Description	IH 39 SB over UP RR
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	2
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 6 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-D25 (Design Stage Number System)
Structure Description	CTH AB over USH 12/18
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	1
Number of Pier Caps	Under review (Assume 3 caps per pier)
Number of Pier Columns	Under review (Assume 8 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	Meier Rd (Design Stage Number System)
Structure Description	Meier Road over USH 12/18
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	2
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 5 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-D27 (Design Stage Number System)
Structure Description	IH 39 NB over UP RR
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	2
Number of Pier Caps	Under review (Assume 2 caps per pier)
Number of Pier Columns	Under review (Assume 6 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-T4
Structure Description	IH 39 NB Off-Ramp over USH 12/18
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	1
Number of Pier Caps	Under review (Assume 1 cap per pier)
Number of Pier Columns	Under review (Assume 3 columns per pier)

Project ID	1007-10-01 Design (1007-10-82/83 Construction)
Description #1	Illinois State Line - Madison
Description #1	Dane/Rock County Line - USH 12/18
Description #1	IH 39
County	Dane
Scheduled Let Date	December 12, 2017
Structure Number	B-13-T5
Structure Description	Ramp M-S2 over USH 12/18
Plans Available on HCCI	No
Precast Pier Elements	Optional Use (At current design stage)
Number of Piers	1
Number of Pier Caps	Under review (Assume 1 cap per pier)
Number of Pier Columns	Under review (Assume 3 columns per pier)

Note: All dates shown are subject to change by the Department.

Note: All structure information shown is effective 12/29/2014 and subject to change during the final design stage.