

Standard Road Plans

Standard Road Plans are listed on Sheet Number C.3

I-35 Traffic Estimate

2024 AADT 30,500 V.P.D.

TRUCKS 26 %

Includes NB & SB traffic

US 30 Traffic Estimate

2024 AADT 14,700 V.P.D.

TRUCKS 7 %

Includes EB & WB traffic

Iowa DOT Bridges and Structures
Consultant Coordinator Contact:
Zahrah Alghalibi

Index of Seals		
Sheet No.	Name	Type
A.1	Joshua J. Opheim	Structural Design
A.3	Lucas D. Fatka	Roadway Design

Structural Design



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Signature *Joshua J. Opheim* Date 8-24-2026

Printed or Typed Name Joshua J. Opheim

My license renewal date is December 31, 2026

Pages or sheets covered by this seal: Sheets A.1-A.2, V.1-V.7

Index of Sheets	
No.	Description
Sheets	Bridge Plan
A.1	Title Sheet
A.2	Location Map Sheet
V.1	Estimated Quantities - Design 1027
V.1 - V.7	Design 1027
Road Sheets	Road Plan
A.3-J.8	Road Plans
C.2	Estimated Quantities - Road
C.3	Standard Plans - Road

IOWA | DOT

PLANS OF PROPOSED IMPROVEMENT ON THE

INTERSTATE ROAD SYSTEM STORY COUNTY

PPCB REPAIR

I-35 over US 30
at US 30 Interchange (NB)

Refer to the Plan Sheets for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.13 of the Specifications.



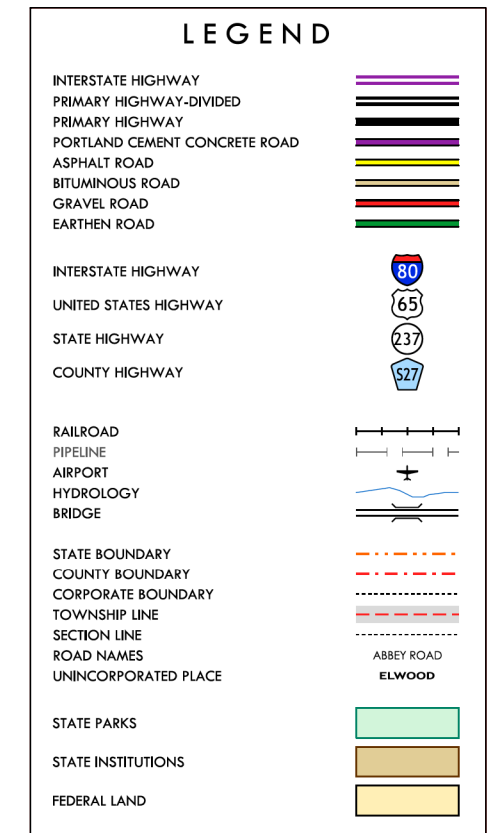
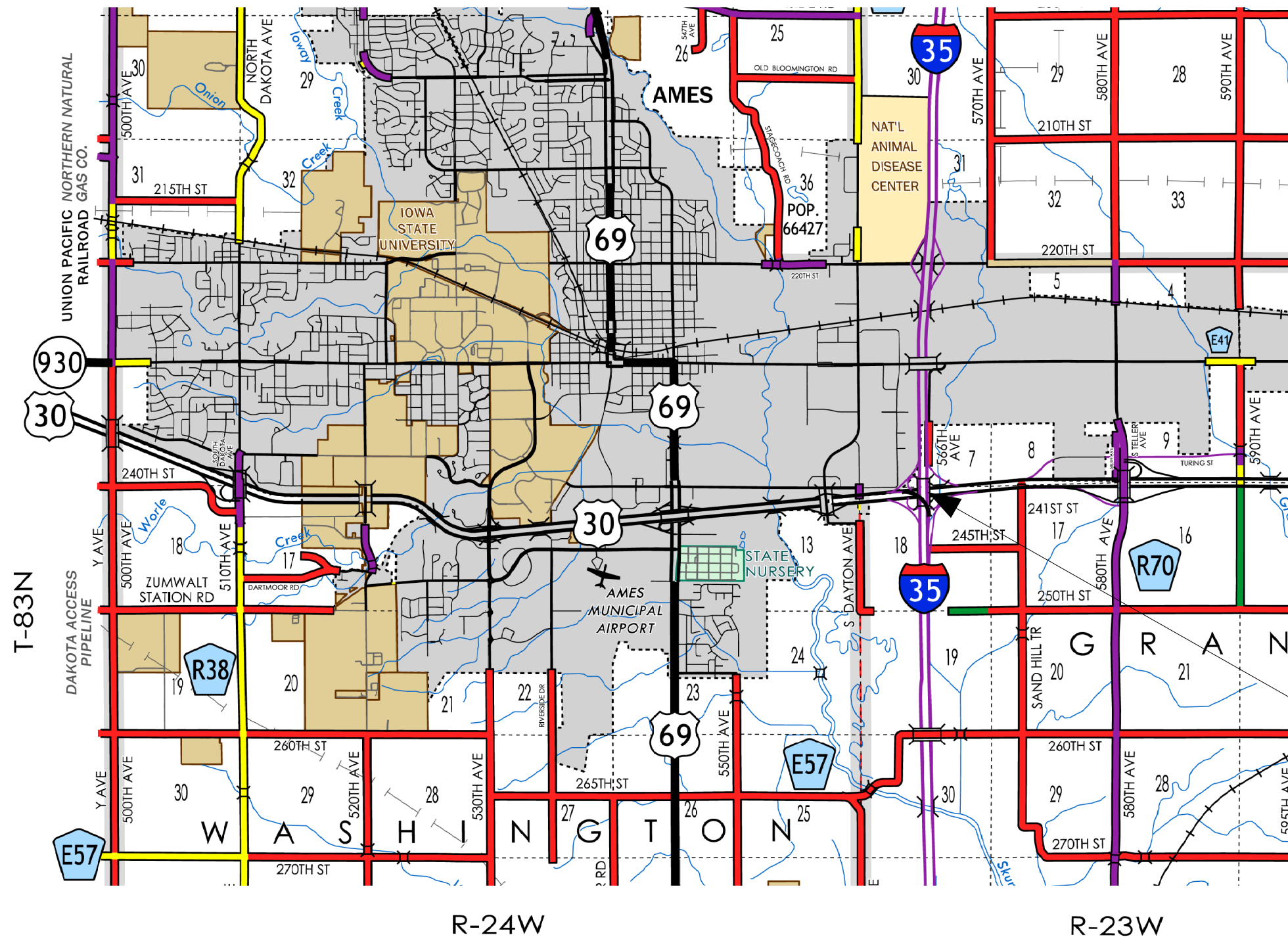
IOWA ONE CALL

1-800-292-8989
www.iowaonecall.com

811
Know what's below.
Call before you dig.

Revisions

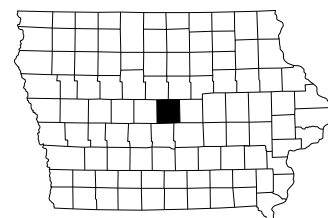
	TOTAL
	24
PROJECT IDENTIFICATION NUMBER	
27-85-035-010	
PROJECT NUMBER	
IMN-035-5(143)112--0E-85	
R.O.W. PROJECT NUMBER	
PROJECT DIRECTORY NUMBER	
8503501027	



Design No. 1027
FHWA No. 49210

Story County Location Map

Not To Scale



ESTIMATED BRIDGE REPAIR QUANTITIES				
ITEM NO.	ITEM CODE	ITEM	UNIT	TOTAL
1	2426-6772010	BEAM REPAIR, AS PER PLAN	LS	1
2	2533-4980005	MOBILIZATION	LS	1

ESTIMATE REFERENCE INFORMATION		
ITEM NO.	ITEM CODE	ITEM DESCRIPTION
1	2426-6772010	BEAM REPAIR, AS PER PLAN Includes estimated concrete repair volume of 11.6 Cu. Ft. (estimated for bid purposes only). Rapid set concrete patch material meeting the requirements of Materials I.M. 491.20 shall be used. Final quantity is to be determined in the field by the Engineer. Work shall be completed as specified on design sheets 4, 5 and 6.
2	2533-4980005	MOBILIZATION --

Note:
Roadway quantities shown
elsewhere in these plans.



Design For Repairs to a 4°50'30" Skew (R.A.)

232'-1" x 40'-0" Pretensioned
Prestressed Concrete Beam Bridge

43'-1 1/2" & 51'-5 1/2" End Spans2 - 68'-9" Interior Spans

Estimated Bridge Repair Quantities

STA. 573+83.63 (I-35)Turn-in Date: August 2026

Story County

IOWA DEPARTMENT OF TRANSPORTATION

Design No. 1027Design Sheet No. 1 of 7FHWA No. 49210

General Notes:

It is the intent of this design to repair two damaged beams (Beam 8 and 9) in Span 2 of the Northbound I-35 bridge over US 30 (FHWA #49210, Maintenance #8511.8R035). This beam was struck by overheight vehicles traveling on US 30 EB.

Electronic copies of original design plans and repair plans will be made available to the Contractor as part of the E-Files supplied with the contract documents. Dimensions shown on these plans are based on design plans (Original Design No. 1162).

See Design Sheet 3 for beam repair locations.

The City and Utility companies whose facilities are shown on the plans or known to be within the construction limits shall be notified by the Bridge Contractor of the starting date.

Faint lines on plans indicate the existing structure.

All dimensions and details shown on these plans pertinent to new construction shall be verified in the field by the Contractor before starting construction.

Minimum clear distance from face of concrete to near reinforcing bar is to be 2" unless otherwise noted or shown.

These bridge plans label all reinforcing steel with English notation (5a1 is 5/8 inch diameter bar). English reinforcing steel received in the field may display the following "Bar Designation". The "Bar Designation" is the stamped impression on the reinforcing bars, and is equivalent to the bar diameter in millimeters.

English Size	3	4	5	6	7	8	9	10	11
Bar Designation	10	13	16	19	22	25	29	32	36

Construction shall be completed in stages with at least one lane traffic maintained on US 30 Eastbound in accordance with the traffic control plan. Night work is required. Traffic on I-35 will be maintained at all times.

Construction Sequence:

1. Set up traffic control.
2. Remove unsound concrete from Beams 8 & 9, Span 2. Restore beams to original dimensions.
3. Repair areas shall cure 24 hrs before installing FRP laminates.
4. Install FRP laminates over repaired sections of Beams 8 &9, Span 2.
5. Paint exposed surfaces of FRP laminates.

An alternate construction sequence may be submitted to the bridge Engineer for approval.

Specifications:

Design: AASHTO Series of 2002.

Construction: Iowa Department of Transportation Standard Specifications for Highway and Bridge Construction, Series 2023, plus applicable General Supplemental Specifications, Developmental Specifications, Supplemental Specifications and Special Provisions shall apply to construction work on this project.

Developmental Specifications for "Fiber Reinforced Polymer Repair for Concrete Containment of Collision Damaged Pretensioned Prestressed Concrete Beams".

Design Stresses:

Design stresses for the following materials are in accordance with the AASHTO Standard Specifications for Highway Bridges, Series of 2002.

Concrete in accordance with Materials I.M. 491.20 Appendix B.

Design History
at this Site

(Includes this Design)

Des. No.	Type of Work
1162	Original Plans
580	Deck Overlay
590	Beam Repairs
--	Macadam Stone Slope Protection
121	Bridge Repairs
1027	Beam Repairs

Traffic Control Plan:

The roadway will be open to thru traffic. Refer to the Traffic Control Plan shown elsewhere in these plans.



Design For Repairs to a 4°50'30" Skew (R.A.)

232'-1" x 40'-0" Pretensioned
Prestressed Concrete Beam Bridge

43'-1 1/2" & 51'-5 1/2" End Spans2 - 68'-9" Interior Spans

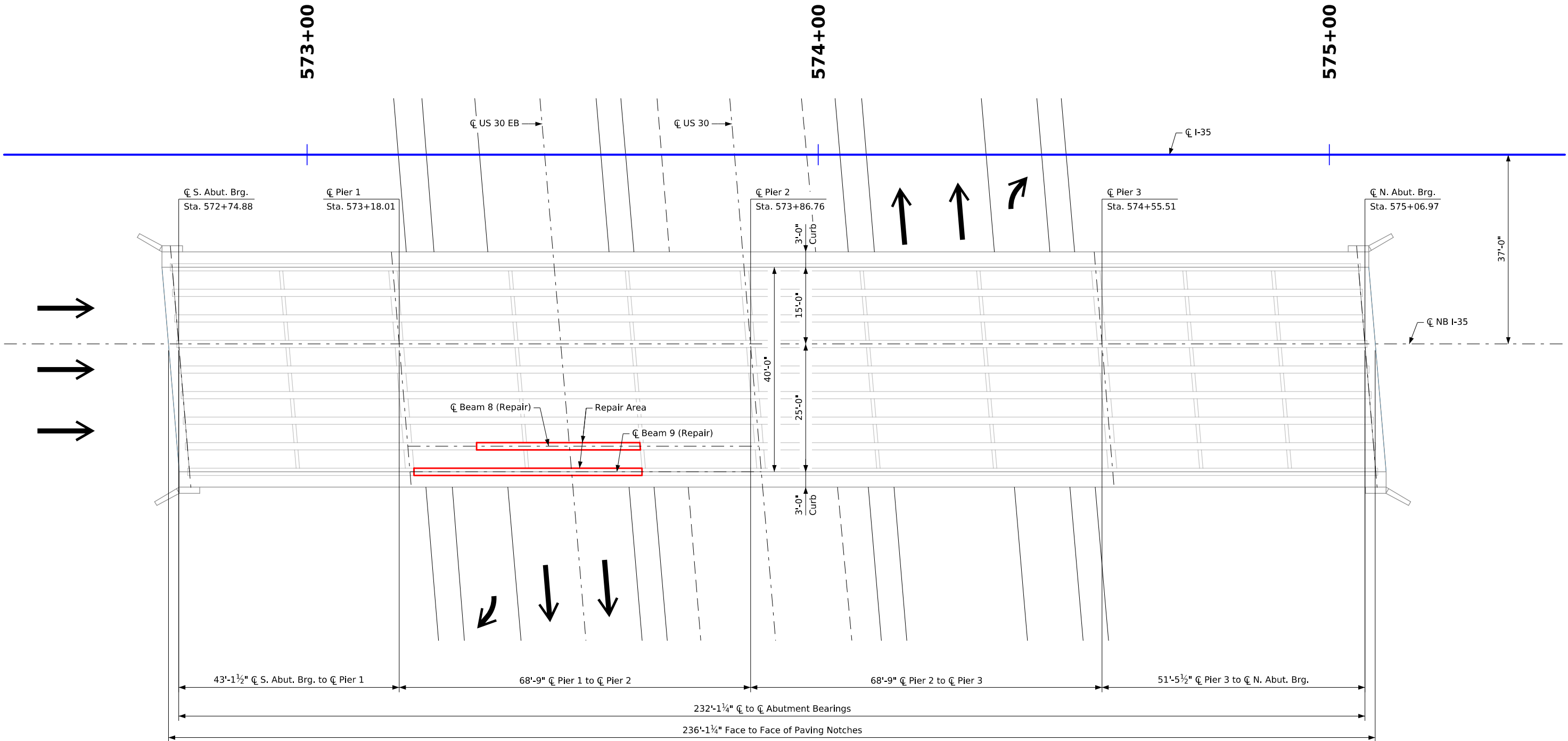
General Notes

STA. 573+83.63 (I-35)Turn-in Date: August 2026

Story County

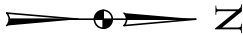
IOWA DEPARTMENT OF TRANSPORTATION

Design No. 1027Design Sheet No. 2 of 7FHWA No. 49210



Situation Plan

Note:
Repair Beam 8 & 9 in Span 2, see details on Design Sheets 4-7.



Location

NB I-35 over US 30
T-83N R-23W
Section 7 & 18
Grant Township
Story County
FHWA No. 49210
Bridge Maint. No. 8511.8R035
Latitude 42.007361°
Longitude -93.571010°

Design For Repairs to a 4°50'30" Skew (R.A.)

**232'-1" x 40'-0" Pretensioned
Prestressed Concrete Beam Bridge**

43'-1 1/2" & 51'-5 1/2" End Spans 2 - 68'-9" Interior Spans

Situation Plan

STA. 573+83.63 (I-35) Turn-in Date: August 2026

Story County

IOWA DEPARTMENT OF TRANSPORTATION

Design No. 1027 Design Sheet No. 3 of 7 FHWA No. 49210

Beam Repair Notes:
Refer to Article 2426 of the Standard Specifications for materials and construction methods that are adequate for structural concrete repair of the damaged beams. Bonding grout will not be required.
Refer to Article 2426.03, B of the Standard Specifications for surface preparation requirements when the reinforcing steel has been exposed as a result of concrete spalling or removal of loose and unsound concrete.

Prepare the surface of the old concrete by removing all loose, disintegrated or unsound concrete from the beam as shown on these plans and as designated by the Engineer. All concrete removals shall be complete before commencing placement of new concrete. Edge of repair area shall be sawcut 3/4" deep.
When surface preparation and cleaning is complete the necessary forms are to be installed. Forms shall be positively held in the proper position to restore beam to original dimensions.

All concrete shall be rapid set patch material meeting the requirements of Materials I.M. 491.20, Appendix B.

The coarse aggregate shall be as described in Article 4115.05 of the Standard Specifications (1/2" maximum size) or as recommended by the concrete patch material supplier.

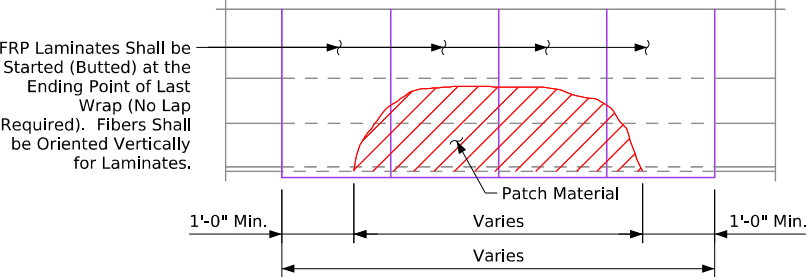
The repaired surfaces shall be cured by leaving the forms in place and any exposed concrete covered with wet burlap for at least 24 hours.

Specifications for fiber reinforced polymer (FRP) repair of beams are included in the Developmental Specifications for "Fiber Reinforced Polymer Repair for Concrete Containment of Collision Damaged Pretensioned Prestressed Concrete Beams". The manufacturer of FRP laminates should be present to advise the Bridge Contractor on application and placement of FRP laminates.

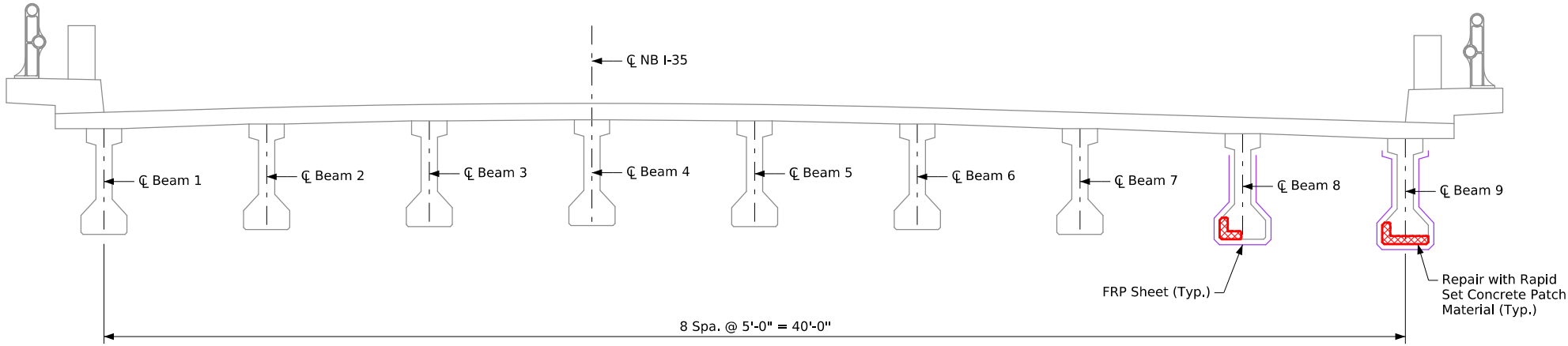
All costs associated with the following shall be included in the price bid for "Beam Repair, As Per Plan":

- Removal of unsound or loose concrete, preparing, and cleaning repair areas.
- Restoring beam to its original cross sectional dimensions with concrete as noted and shown in the plans.
- Application of fiber reinforced polymer laminates to the beam as shown in the plans and Developmental Specifications for "Fiber Reinforced Polymer Repair for Concrete Containment of Collision Damaged Pretensioned Prestressed Concrete Beams."

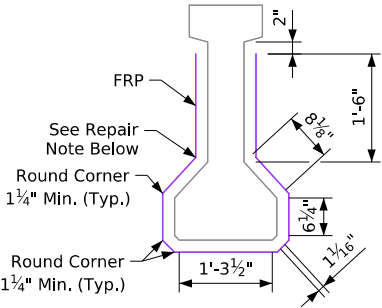
The cure time for the repairs shall follow what is recommended by the FRP Manufacturer.



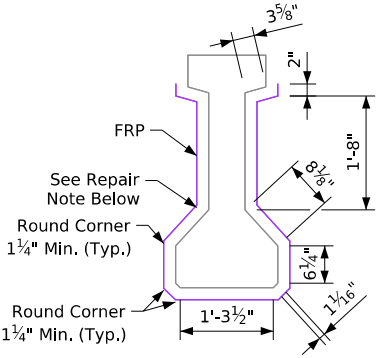
Impact Area Repair Detail
(Typical)



Typical Section
Looking North



Repair Details for Beam No. 8 In Span 2 On NB I-35



Repair Details for Beam No. 9 In Span 2 On NB I-35

Typical Section Thru Wrapped Beam

Repair Note: All interior corners shall be ground smooth to ensure proper adhesion between the FRP laminate and concrete surface.

FRP = Fiber Reinforced Polymer



Design For Repairs to a 4°50'30" Skew (R.A.)

232'-1" x 40'-0" Pretensioned Prestressed Concrete Beam Bridge

43'-1 1/2" & 51'-5 1/2" End Spans 2 - 68'-9" Interior Spans

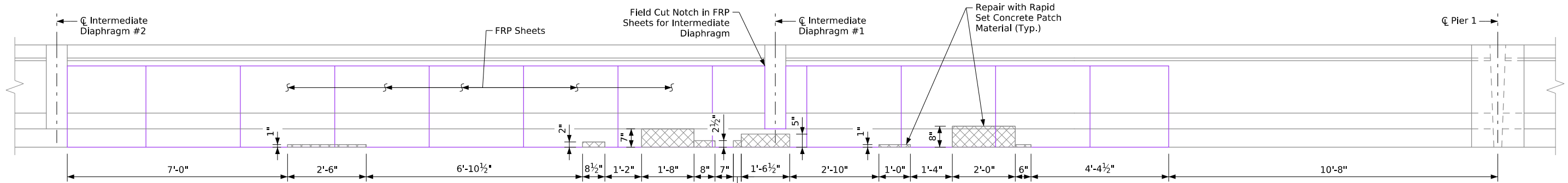
Beam Repair Details

STA. 573+83.63 (I-35) Turn-In Date: August 2026

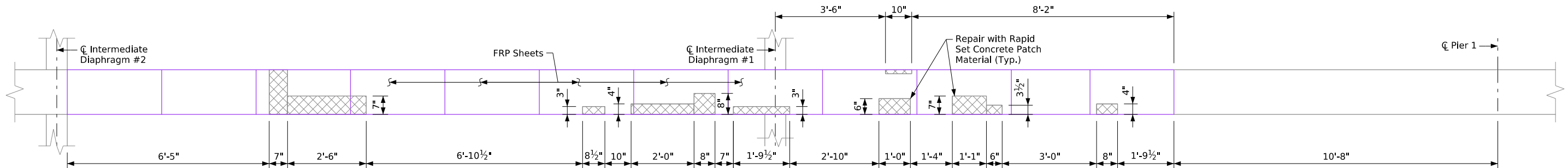
Story County

IOWA DEPARTMENT OF TRANSPORTATION

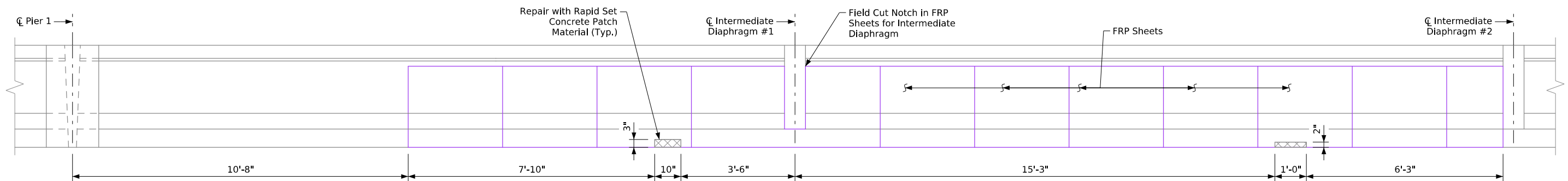
Design No. 1027 Design Sheet No. 4 of 7 FHWA No. 49210



Inside Face of Beam 8, Span 2 - Looking East



Bottom Face of Beam 8, Span 2



Outside Face of Beam 8, Span 2 - Looking West

— Crack in Concrete - No Epoxy Injection Required

Spalled Concrete

Hollow Concrete

FRP = Fiber Reinforced Polymer

Note:

Repair areas and dimensions shown are approximate. All spalled and hollow areas, as determined by the Engineer, shall be repaired.

Existing epoxy sealer or coating material on the beam surface shall be removed prior to placing concrete repairs or FRP sheets according to the requirements of Article 2426.03, B, of the Standard Specifications and Developmental Specifications for "Fiber Reinforced Polymer Repair for Concrete Containment of Collision Damaged Prestensioned Prestressed Concrete Beams".

Estimated Concrete Quantities

Location	Quantity
Beam 8, Span 2	1.2
Total (Cu. Ft.)	1.2

Design For Repairs to a 4°50'30" Skew (R.A.)

**232'-1" x 40'-0" Prestensioned
Prestressed Concrete Beam Bridge**

43'-1 1/2" & 51'-5 1/2" End Spans 2 - 68'-9" Interior Spans

Beam Repair Details

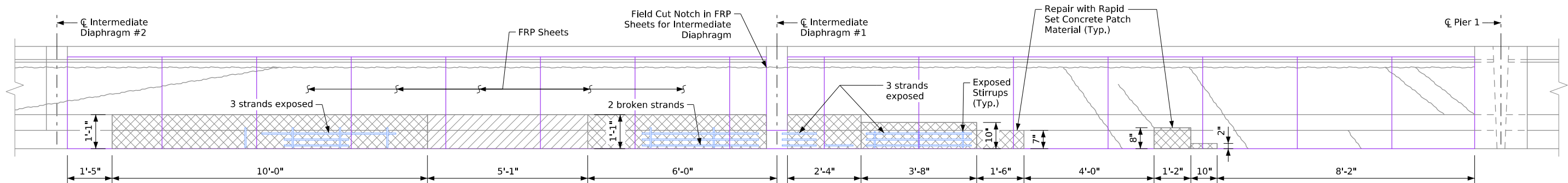
STA. 573+83.63 (I-35) Turn-In Date: August 2026

Story County

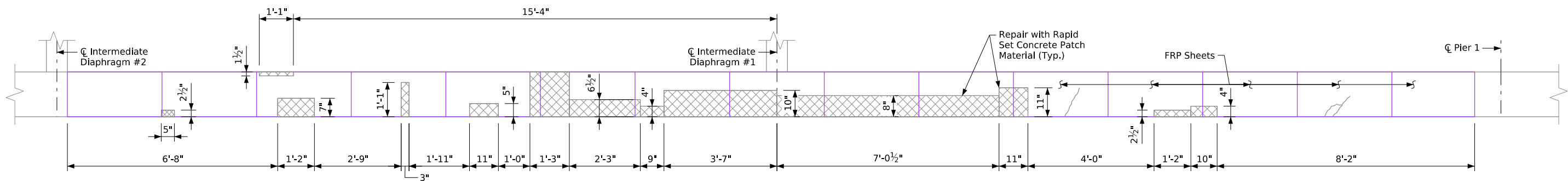
IOWA DEPARTMENT OF TRANSPORTATION

Design No. 1027 Design Sheet No. 5 of 7 FHWA No. 49210

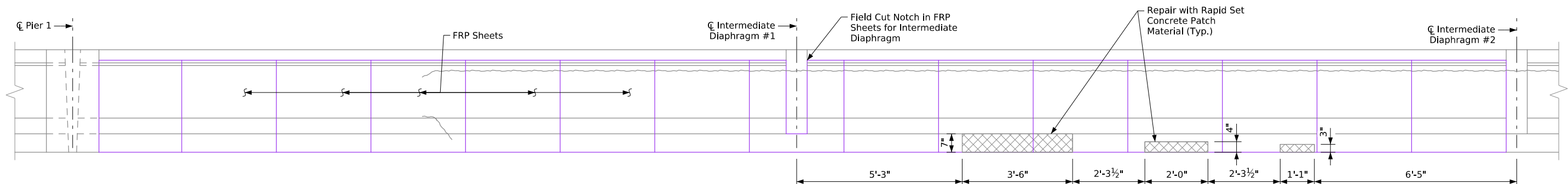




Inside Face of Beam 9, Span 2 - Looking East



Bottom Face of Beam 9, Span 2



Outside Face of Beam 9, Span 2 - Looking West

— Crack in Concrete - No Epoxy Injection Required

▨ Spalled Concrete

▨ Hollow Concrete

FRP = Fiber Reinforced Polymer

Note:

Repair areas and dimensions shown are approximate. All spalled and hollow areas, as determined by the Engineer, shall be repaired.

Existing epoxy sealer or coating material on the beam surface shall be removed prior to placing concrete repairs or FRP sheets according to the requirements of Article 2426.03, B, of the Standard Specifications and Developmental Specifications for "Fiber Reinforced Polymer Repair for Concrete Containment of Collision Damaged Prestressed Concrete Beams".

Estimated Concrete Quantities

Location	Quantity
Beam 9, Span 2	10.4
Total (Cu. Ft.)	10.4

Design For Repairs to a 4°50'30" Skew (R.A.)
232'-1" x 40'-0" Prestressed Concrete Beam Bridge
 43'-1 1/2" & 51'-5 1/2" End Spans 2 - 68'-9" Interior Spans
Beam Repair Details
 STA. 573+83.63 (I-35) Turn-In Date: August 2026
Story County
 IOWA DEPARTMENT OF TRANSPORTATION
 Design No. 1027 Design Sheet No. 6 of 7 FHWA No. 49210





**Beam 7-8-9, Span 2 - Inside Face
at Intermediate Diaphragm #1**



**Beam 7-8-9, Span 2 - Inside Face
South of Intermediate Diaphragm #1**



Beam 7-8-9, Span 2 - Inside Face



**Beam 8, Span 2 - Inside Face North
of Intermediate Diaphragm #1**



**Beam 9, Span 2 - Inside Face South
of Intermediate Diaphragm #1**



**Beam 9, Span 2 - Inside Face
at Intermediate Diaphragm #1**



**Beam 9, Span 2 - Inside Face North
of Intermediate Diaphragm #1**



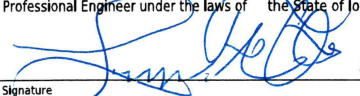
**Beam 9, Span 2 - Inside Face North
of Intermediate Diaphragm #1**

This sheet contains images of beam
damage included for information.



Design For Repairs to a 4°50'30" Skew (R.A.)
**232'-1" x 40'-0" Prestensioned
Prestressed Concrete Beam Bridge**
 43'-1 1/2" & 51'-5 1/2" End Spans 2 - 68'-9" Interior Spans
Site Photos
 STA. 573+83.63 (I-35) Turn-In Date: August 2026
Story County
 IOWA DEPARTMENT OF TRANSPORTATION
 Design No. 1027 Design Sheet No. 7 of 7 FHWA No. 49210

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C.5	Standard Notes
C.6	Tabulations
J Sheets	Traffic Control and Staging Sheets
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J.2	Staging Notes
J.3	Traffic Control Closure Table
J.4	Coordinated Operations
J.5	Traffic Control & Staging Legend & Symbol Info. Sheet
J.6	Staging Cross Sections
J.7 - 8	Detour Sheets

ROADWAY DESIGN	
	I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.
	Signature:  Date: 8/24/2026
	Printed or Typed Name: Lucas David Fatka
	My license renewal date is December 31, 2027
	Pages or sheets covered by this seal: A.3, C.1-C.6, J.1-J.8

100_01D
8/15/22

PROJECT DESCRIPTION

This project is for the repair of concrete bridge beams for the I-35 bridges over US 30.

ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES

Roadway Items : Roadway Items

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
1	2528-2518000	SAFETY CLOSURE	EACH	1	Refer to Tab. 108_13A and the J Sheets for details. Only 1 safety closure will be paid for.
2	2528-8445110	TRAFFIC CONTROL	LS	1	Refer to the J Sheets for details.
3	2528-9290050	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	0	See Proposal. Place signs as per Standard Road Plan TC-417.

105_04 4/21/26 STANDARDS The following Standards apply to construction work on this project.		
Number	Date	Title
TC-1	10-15-19	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-402	04-18-23	Work Within 15 ft of Traveled Way
TC-417	04-21-20	Ramp Closure
TC-418	04-18-23	Lane Closure on Divided Highway
TC-420	10-16-18	Lane Closure at Ramps

111_25 4/21/26		
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111_01	COORDINATED OPERATIONS	J.4

262_06
9/28/22

UTILITIES (NOT A POINT 25 PROJECT)

This is NOT a POINT 25 project and is not subject to the provisions of IAC 761-115.25.

SAFETY CLOSURES			108_13A 3/27/25
Station	Road Closure Qty.	Hazard Closure Qty.	Remarks
	1		SB I-35 to EB US 30 Loop

I-35 and US 30 shall remain open to traffic at all times.
Eastbound US 30 will be limited to one lane during construction. Refer to Standard Road Plans listed on Sheet C.3 for details of lane and loop closures.
The loops attached to eastbound US 30 shall be closed when the outside lane is closed. See Sheets J.5-J.6 for detours.
Work shall be completed during non-peak hours. Refer to Tab. 108-23B for details.
No work will be allowed on the following dates:

Start	End	Account	Event
9/1/26	9/3/26	Farm Progress Show	Farm Progress Show 2026
9/5/26	9/5/26	Iowa State University Athletics	Home Football Game
9/19/26	9/19/26	Iowa State University Athletics	Home Football Game
9/26/26	9/26/26	Iowa State University Athletics	Home Football Game
10/3/26	10/3/26	Iowa State University Athletics	Home Football Game
10/7/26	10/7/26	ISU Department of Athletics	2026 NBA Preseason Game (tentative)
10/18/26	10/18/26	Iowa State University Athletics	Home Men's Basketball Game
10/31/26	10/31/26	Iowa State University Athletics	Home Football Game
11/6/26	11/6/26	Iowa State University Athletics	Home Men's Basketball Game
11/10/26	11/10/26	Iowa State University Athletics	Home Men's Basketball Game
11/14/26	11/14/26	Iowa State University Athletics	Home Football Game
11/15/26	11/15/26	Iowa State University Athletics	Home Men's Basketball Game
11/19/26	11/21/26	Iowa High School Music Association	All State Football Game
12/2/26	12/2/26	Iowa State University Athletics	Home Men's Basketball Game
12/6/26	12/13/26	Iowa State University Athletics	Home Men's Basketball Game
12/21/26	12/21/26	Iowa State University Athletics	Home Men's Basketball Game
12/29/26	12/29/26	Iowa State University Athletics	Home Men's Basketball Game
3/8/27	3/12/27	Iowa High School Athletic Association	2027 Boys State Basketball (26-27 Season)
4/6/27	4/6/27	Iowa Jazz Championships	Iowa Jazz Championships 2027
4/11/27	4/13/27	Iowa FFA Association (CPM)	Iowa FFA Leadership Conference 2027
5/14/27	5/16/27	Iowa State University	Iowa State University - Graduation Weekend
5/18/27	5/18/27	Iowa State University Athletics	Tentative concert at Jack Trice
6/5/27	6/5/27	Iowa State University Athletics	Tentative concert at Jack Trice
6/7/27	6/12/27	Iowa Girls High School Athletic Union	2027 Girls State Soccer Tournament
7/17/27	7/18/27	Iowa State University Athletics	Tentative concert at Jack Trice
7/21/27	7/25/27	USA Track and Field	2027 USA Track & Field Masters Outdoor Championships
11/18/27	11/20/27	Iowa High School Music Association	All State Music Festival 2027

108_26A
8/15/22

STAGING NOTES

Work to be completed during non-peak traffic hours. See Tab. 108-23B for allowable work hours and Tab. 108-23A for dates on which work will not be allowed.

Stage 1:

Traffic: Close the inside eastbound US 30 lane. Loops remain open.

Construction: Repair bridge beams above the eastbound US 30 inside lane.

Stage 2:

Traffic: Close the outside lane and adjacent loops. Traffic will be detoured. See Sheets J.7-J.8 for Detours.

Construction: Repair bridge beams above the eastbound US 30 outside lane and adjacent loop lane.

TRAFFIC CONTROL CLOSURE TABLE(S)

* This is to only be used in conjunction with Tabulation 108-23A.
"X" area indicates times that lane closures are not allowed.

Roadway Name	Day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		12:00 AM	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00	5:30	6:00	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00 PM	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00	5:30	6:00	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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111_01
10/14/22

COORDINATED OPERATIONS

Other work in progress during the same period of time will include the construction of the projects listed. Coordinate operations with those of other contractors working within the same area.

Project	Type of Work
NHSX-030-5(304)--3H-85	PCC Pavement -Grade and New
NHSX-030-5(310)--3H-85	PCC Pavement -Grade and New

CROSS SECTION VIEW COLOR LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS		
SHADING	Design Color No.	
Green, Light	(225)	Existing Pavement Shading
Gray, Light	(48)	Previously Constructed Bridge Beam Repair Shading
Gray, Med	(80)	Previously Constructed Granular Surface Shading
Blue, Light	(230)	Proposed Bridge Beam Repair Shading
Lavender	(9)	Temporary Pavement Shading
Brown, Med	(237)	Future Proposed Pavement Shading

CROSS SECTION VIEW PATTERN AND SYMBOL LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS			
	Pavement Removal		Proposed Granular Shoulder
	Proposed Granular Subbase		Temporary Shoulder
	Proposed Special Backfill		Existing Shoulder Strengthening
	Temporary Barrier Rail		Permanent Barrier Rail
			Channelizing Device

PLAN VIEW COLOR LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS			
LINEWORK	Design Color No.		
Green	(2)	Existing Topographic Features and Labels	
Magenta	(5)	Pavement Marking Call Outs	
Blue	(1)	Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation	
Yellow	(4)	Pavement Markings, Yellow	
Off White	(254)	Pavement Markings, White	
Violet	(15)	Temporary barrier rail, Unpinned	
Flush Orange	(228)	Temporary barrier rail, Pinned	

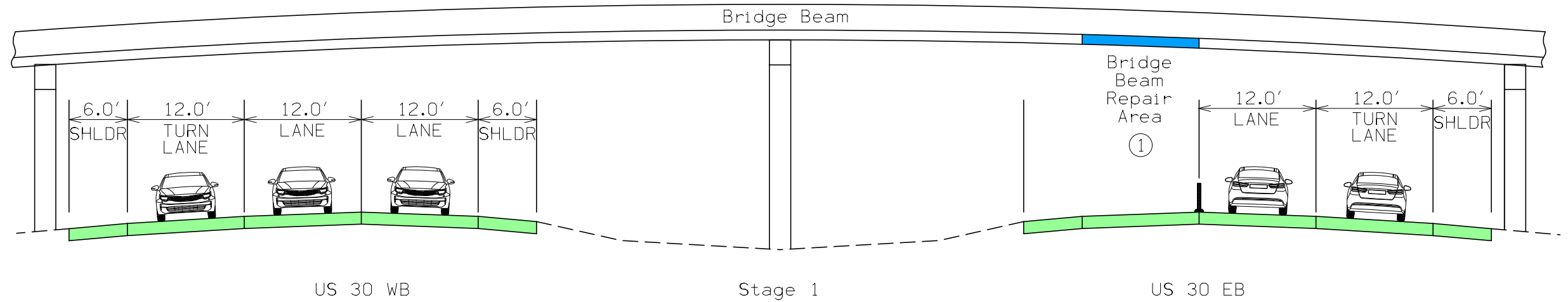
SHADING	Design Color No.		
Green, Light	(225)	Existing Pavement Shading	
Gray, Light	(48)	Previously Constructed Pavement Shading	
Orange	(6)	Proposed Granular Surface Shading	
Gray, Med	(80)	Previously Constructed Granular Surface Shading	
Blue, Light	(230)	Proposed Pavement Shading	
Pink, Dark	(13)	Temporary Pavement Shading	
Brown, Light	(236)	Proposed Grading Limits Shading	
Cyan	(7)	Proposed MSE or CIP Wall Shading	
Red	(3)	Proposed Bridge Shading and Sign Trusses	
Black w/Gray, Light Fill	(0,48)	Previously Constructed Structure	

PLAN VIEW PATTERN AND SYMBOL LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS			
	Channelizing Device		Crash Cushion (Temp or Perm)
	Drum		Traffic Signal
	Temporary Lane Separator		Flagger
	Tubular Marker		Temporary Floodlighting
	Channelizer Marker		Traffic Sign
	Concrete Barrier Marker		Type III Barricade
	Delineator		Type A Warning Light
	Temporary Barrier Rail		Direction of Traffic
	Pavement Removal		Safety Closure
	Sand Barrel Layout		Lane Identification

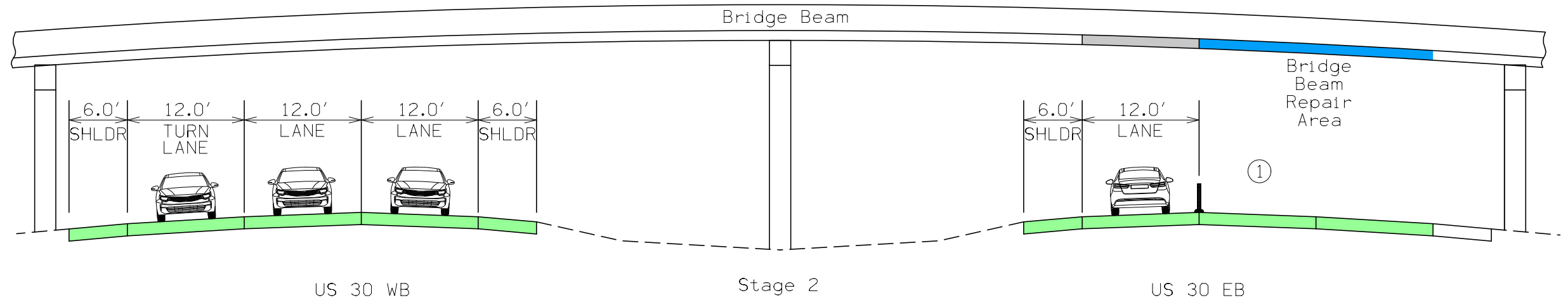
NOTE: Device spacing according to Standard Road Plans unless specifically dimensioned.

TRAFFIC CONTROL
AND
STAGING
LEGEND AND SYMBOL
INFORMATION SHEET

(COVERS SHEET SERIES J)

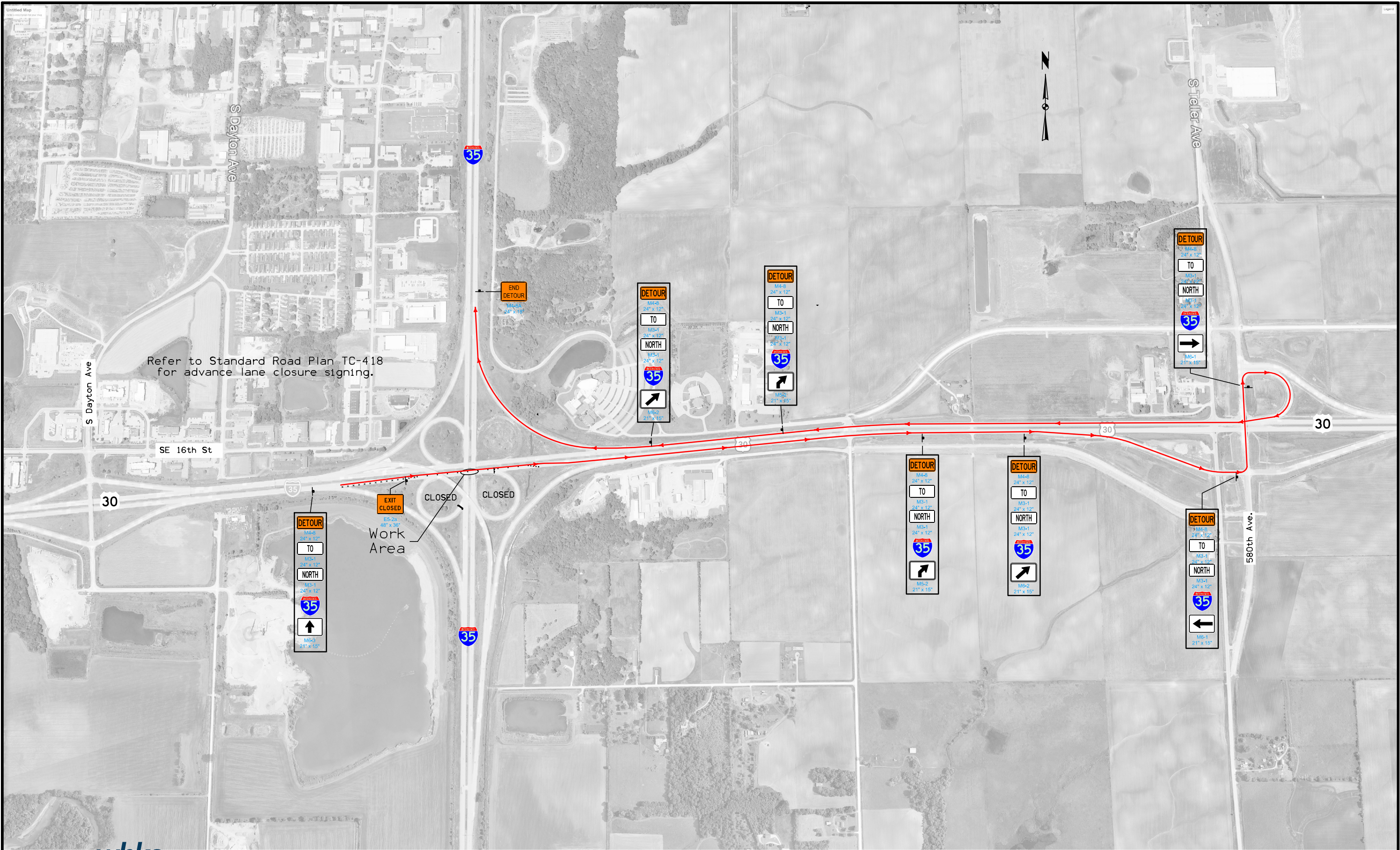


① Lane may be closed during Non Peak hours. See Tab. 108-23B when lane closures are permitted.



TYPICAL CONSTRUCTION SECTIONS





EB US 30 to NB I-35
Detour Map (Stage 2)