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V.1	Estimated Quantities - Design 228
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C.1	Estimated Quantities - Road
C.2	Standard Plans - Road



PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM

WOODBURY COUNTY

Bridge Repair

US 77/Wesley Parkway Over Tri View Avenue & BNSF RR
Junction of IA 12 0.3 Mi. N. of Nebraska State Line

FRA No. 382071A

Refer to the Plan Sheets for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.



Revisions

	TOTAL
	18
PROJECT IDENTIFICATION NUMBER	
23-97-077-020	
PROJECT NUMBER	
BRF-077-2(034)--38-97	
R.O.W. PROJECT NUMBER	
PROJECT DIRECTORY NUMBER	
9707702023	

Design Data Urban (Wesley Parkway)		
2023 AADT	23,100	V.P.D.
2030 AADT	30,800	V.P.D.
TRUCKS	1	%

Design Data Urban (Tri View Avenue)		
2023 AADT	3890	V.P.D.

Iowa DOT Bridges and Structures
Consultant Coordinator Contact:
Bryant Thelen

Index of Seals		
Sheet No.	Name	Type
A.1	J. Scott Ingersoll *	Structural Design
A.3	Jordan L. Provost *	Roadway Design

* Foth Infrastructure & Environment, LLC

Standard Road Plans

Standard Road Plans are listed on Sheet No. C.2.

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

J. Scott Ingersoll

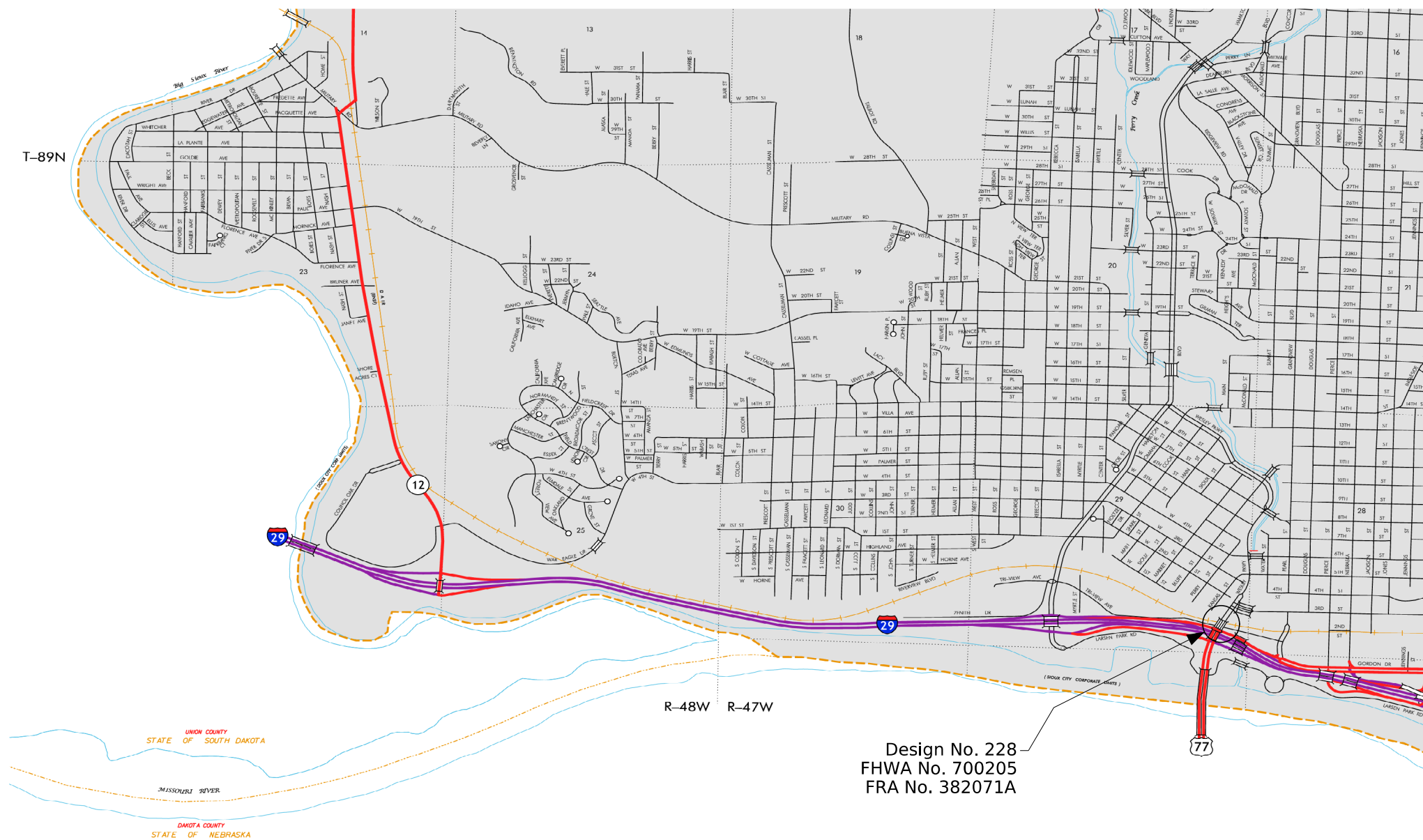
Date

08-17-2026

Printed or Typed Name

My license renewal date is December 31, 2026

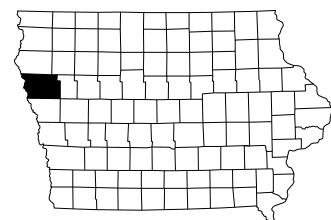
Pages or sheets covered by this seal: A.1, A.2, V.1 - V.5



Woodbury County Location Map

(Part of City of Sioux City)

Not To Scale



FILE NO. 32564	ENGLISH	DESIGN TEAM Foth	WOODBURY COUNTY	PROJECT NUMBER BRF-077-2(034)--38-97	SHEET NUMBER A.2
10:22:11 AM	8/20/2026	JAE pw:\projectwise.dot.int.lan:PWMain\Documents\Projects\9707702023\Bridge\471_Bridge Repair\SHT_97000471_FOTH_228_700205_Z04.dgn			

ESTIMATED BRIDGE REPAIR QUANTITIES				
ITEM NO.	ITEM CODE	ITEM	UNIT	TOTAL
1	2533-4980005	MOBILIZATION	LS	1
2	2595-0005105	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR BNSF RAILWAY CO.	LS	1
3	2599-9999006	FURNISH HMWM BRIDGE DECK TREATMENT MATERIAL	GAL	242
4	2599-9999014	BRIDGE DECK SEALING, HMWM	SF	20,570
5	2599-9999014	BRIDGE RAIL SEALING	SF	3331

ESTIMATE REFERENCE INFORMATION		
ITEM NO.	ITEM CODE	ITEM DESCRIPTION
1	2533-4980005	MOBILIZATION --
2	2595-0005105	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR BNSF RAILWAY CO. --
3	2599-9999006	FURNISH HMWM BRIDGE DECK TREATMENT MATERIAL Includes furnishing HMWM Bridge Deck Treatment in accordance with the application rates stated in the Special Provisions for High Molecular Weight Methacrylate Resin Bridge Deck Treatment.
4	2599-9999014	BRIDGE DECK SEALING, HMWM Includes surface preparation and application of HMWM in accordance with Special Provisions for High Molecular Weight Methacrylate Resin Bridge Deck Treatment. Protect detectable warnings from damage during sealing operation.
5	2599-9999014	BRIDGE RAIL SEALING Includes cleaning existing barriers, furnishing, and placing concrete sealer in accordance with Article 2403.03,P,3, of the Standard Specifications.

General Notes:

This design is for repairs to the existing 202'-0" x Varies Pretensioned Prestressed Concrete Beam Bridge on Wesley Parkway over Tri View Avenue and BNSF railroad. Electronic copies of original design plans are available to the Contractor as part of the e-files supplied with the contract documents.

See Design Sheet No. 2 for list of repair items.

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

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.

The top and interior faces of the existing concrete railing are to be cleaned and sealed in accordance with Article 2403.03, P, of the Standard Specifications. If new sections of rail are constructed, the new sections shall not be sealed. All costs associated with cleaning and sealing of the concrete rails shall be included in the unit price bid item "Bridge Rail Sealing".

Construction shall be done in stages with at least one lane traffic maintained at all times in accordance with "Traffic Control Plan" note.

Construction Stages 1, 2 & 3 as detailed on these plans may be reversed at the Contractor's option subject to the Engineer's 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, including:

- Special Provisions for High Molecular Weight Methacrylate Resin Bridge Deck Treatment
- Developmental Specifications for Work on Railroad Right-of-Way (BNSF Railway)

Design Stresses:

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

Roadway Quantities shown elsewhere in these plans.

Traffic Control Plan

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

Design History at this Site (Includes this Design)	
Des. No.	Type of Work
1976	Original Design
2076	Original Design
2176	Original Design
1811	Bridge Replacement - PPCB
---	Bridge Painting (2020)
228	Bridge Repair

Design For Repair To 20 Degree Skew RA

202'-0" x Var. Pretensioned Prestressed Conc. Beam Bridge w/10'-11½" Sdwk.

76'-0" & 126'-0" End Spans

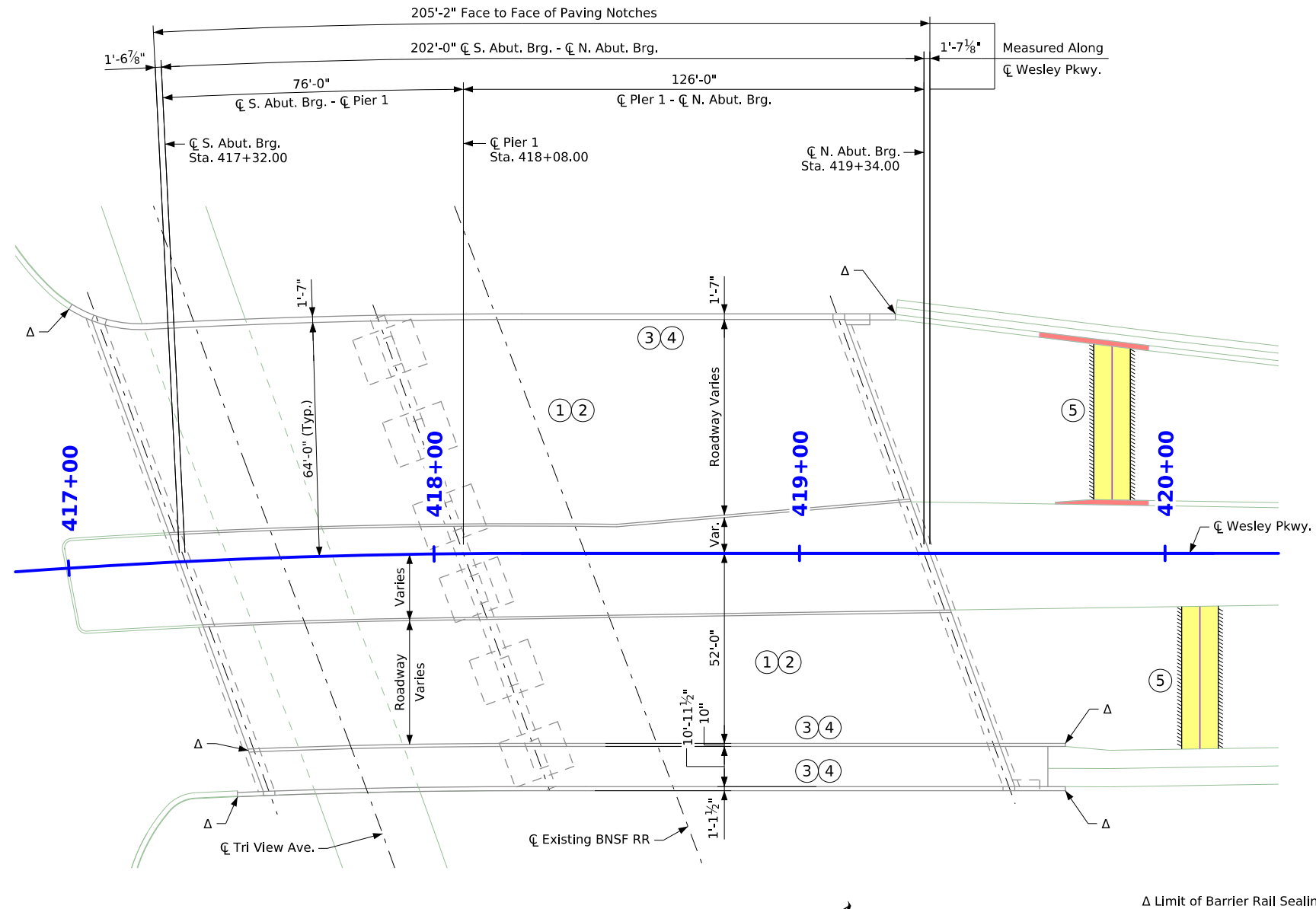
General Notes & Quantities

STA. 418+33.00 (Wesley Parkway) Turn-in Date: Sep 2026

Woodbury County

IOWA DEPARTMENT OF TRANSPORTATION

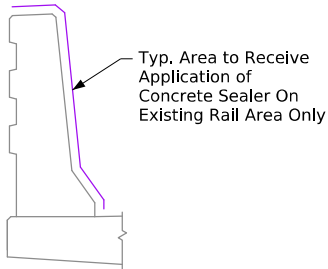
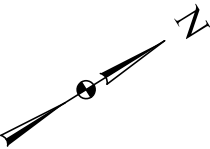
Design No. 228 Design Sheet No. 1 of 5 FHWA No. 700205



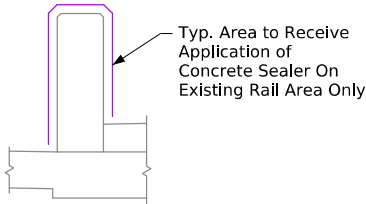
Repairs Shall Consist of:

- ① Clean and prepare existing bridge deck roadway and sidewalk surfaces.
- ② Apply High Molecular Weight Methacrylate (HMWM) sealer to the existing bridge deck roadway and sidewalk surfaces.
- ③ Clean and prepare existing barrier rails.
- ④ Apply sealer to the existing barrier rails.
- ⑤ Patch approach pavement at EF joints. Refer to roadway plans for additional information.

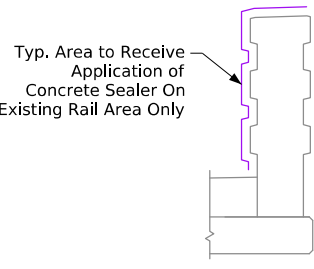
Situation Plan



Detail of Concrete Sealer Area
(West Barrier Rail)



Detail of Concrete Sealer Area
(Separation Barrier Rail)



Detail of Concrete Sealer Area
(East Barrier Rail)

Location

Wesley Pkwy. (US 77) Over
Tri View Ave. & BNSF RR
In City of Sioux City
T-89N R-47W
Section 29
Sioux City Township
Woodbury County
FHWA No. 700205
Bridge Maint. No. 9700.3S077
FRA No. 382071A
Latitude 42.492257°
Longitude -96.412486°

Design For Repair To 20 Degree Skew RA

202'-0" x Var. Pretensioned Prestressed
Conc. Beam Bridge w/10'-11½" Sdwk.
76'-0" & 126'-0" End Spans

Situation Plan

STA. 418+33.00 (Wesley Parkway) Turn-in Date: Sep 2026

Woodbury County

IOWA DEPARTMENT OF TRANSPORTATION

Design No. 228 Design Sheet No. 2 of 5 FHWA No. 700205

Scale	Bridge No.	9700.3 ⁵ 077 (700205)	Sketch by	Date	Page
	Sketch of:	Legends			5-1

NOTE: Cracks Are Hairline Unless Otherwise Noted

-Scale

L-light
M-moderate
S-severe

-Hollow

-Spall

-P.C. Patch

-A.C. Patch

-Injected Epoxy

-Leaching

-Staining

-Pattern Cracking

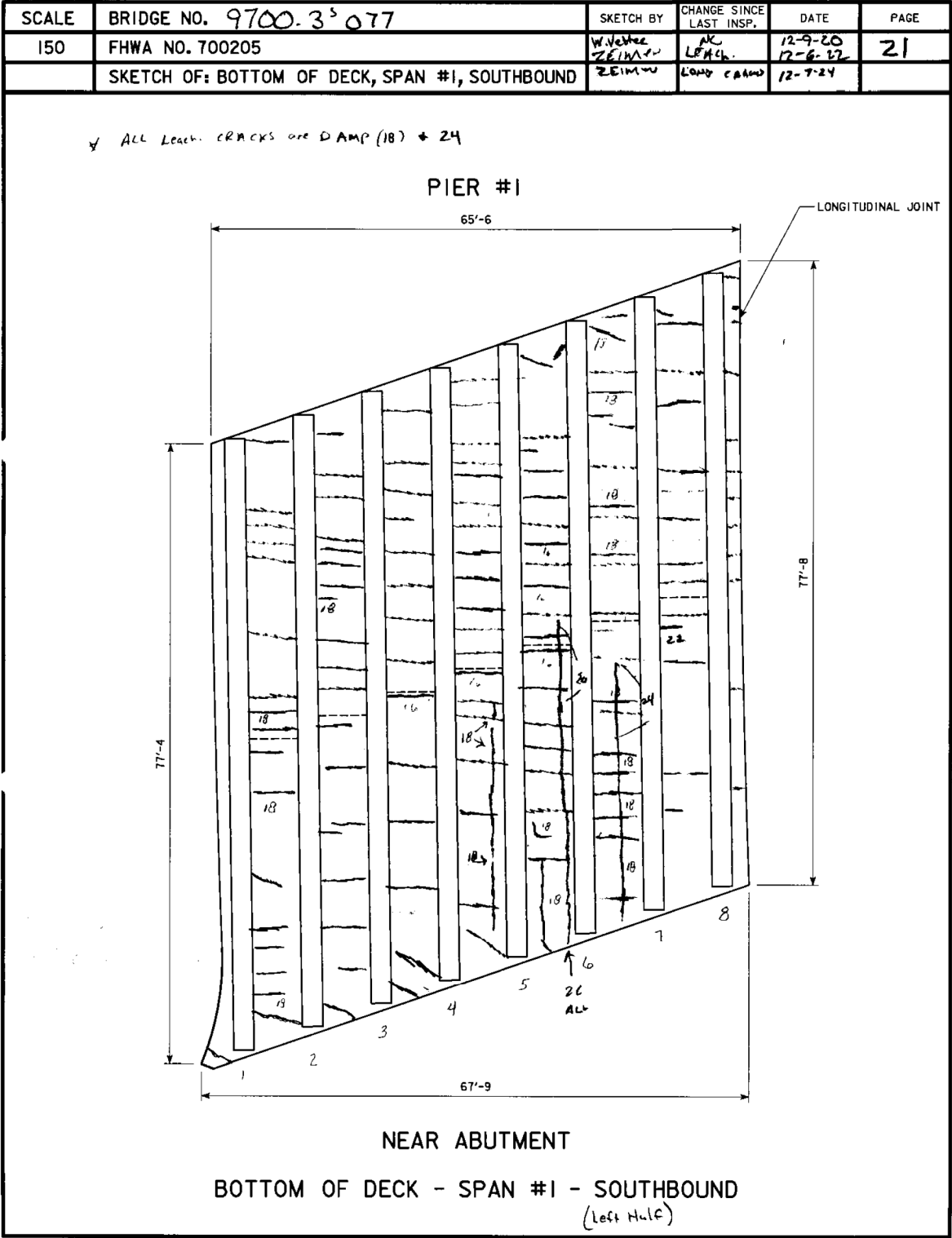
-Map Cracking

-Random Cracking

-Stalactites

-Exposed Reinforcing

-Bearing location



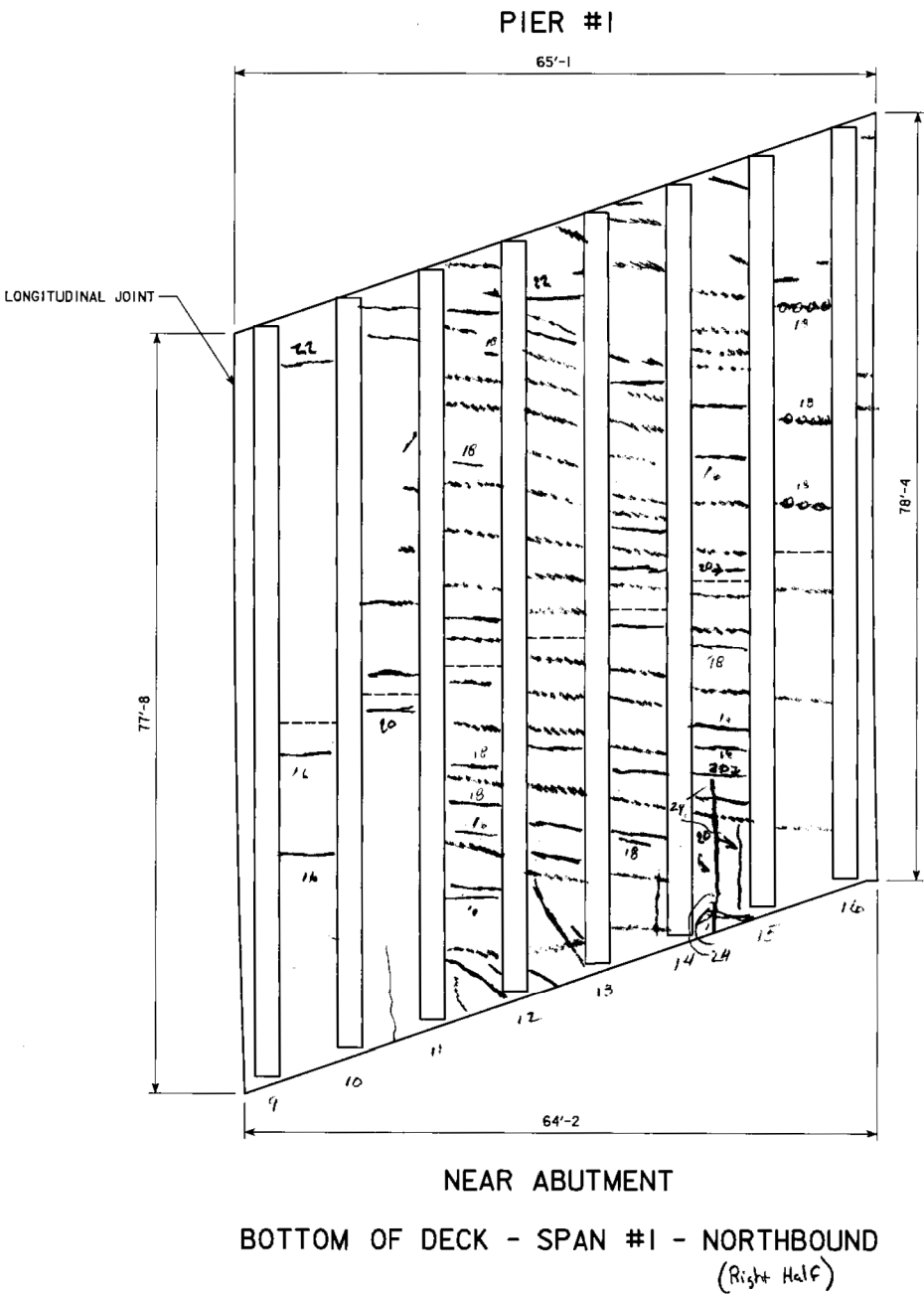
Bottom of Deck Inspection Sketches
(For Information Only)

Note:
Total estimated crack length on bottom of deck based on the 2024 inspection sketches is 3192 L.F.
This measurement is provided for information only.

Design For Repair To 20 Degree Skew RA
202'-0" x Var. Pretensioned Prestressed
Conc. Beam Bridge w/10'-11½" Sdwk.
76'-0" & 126'-0" End Spans
Inspection Sketches
STA. 418+33.00 (Wesley Parkway) Turn-in Date: Sep 2027
Woodbury County
IOWA DEPARTMENT OF TRANSPORTATION
Design No. 228 Design Sheet No. 3 of 5 FHWA No. 700205

SCALE	BRIDGE NO.	9700-3 ^s 077	SKETCH BY	CHANGE SINCE LAST INSP.	DATE	PAGE
150	FHWA NO. 700205		JAE	LEACHING FOR CRACKS	12-6-22 12-7-24	22
	SKETCH OF: BOTTOM OF DECK, SPAN #1, NORTHBOUND					

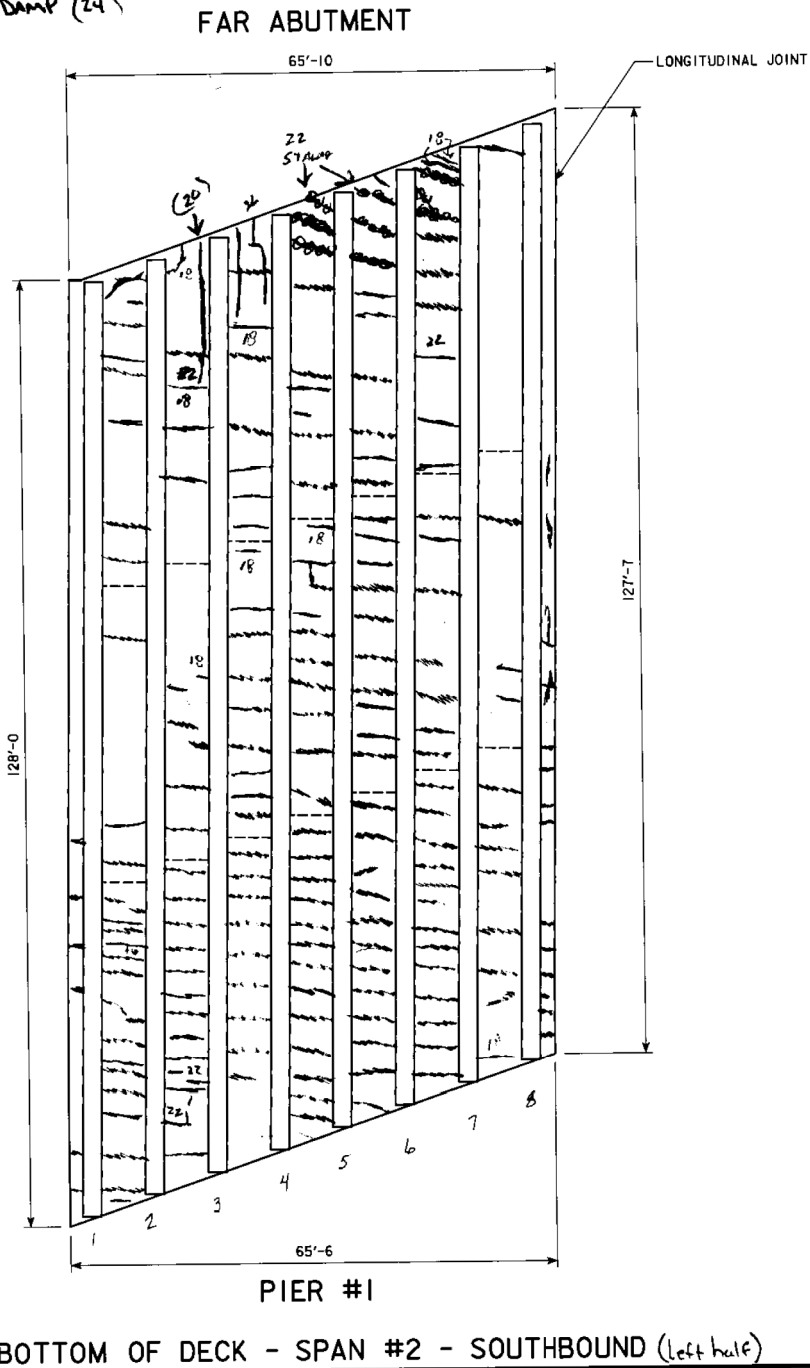
* ALL CRACKS ARE DAMP (24)



DECK_BOTTOM-SPAN.1-NB

SCALE	BRIDGE NO.	9700-3 ^s 077	SKETCH BY	CHANGE SINCE LAST INSP.	DATE	PAGE
200	FHWA NO. 700205		JAE	LEACHING FOR CRACKS	12-6-22 12-7-24	23
	SKETCH OF: BOTTOM OF DECK, SPAN #2, SOUTHBOUND					

* ALL CRACKS ARE DAMP (24)



DECK_BOTTOM-SPAN.2-SB

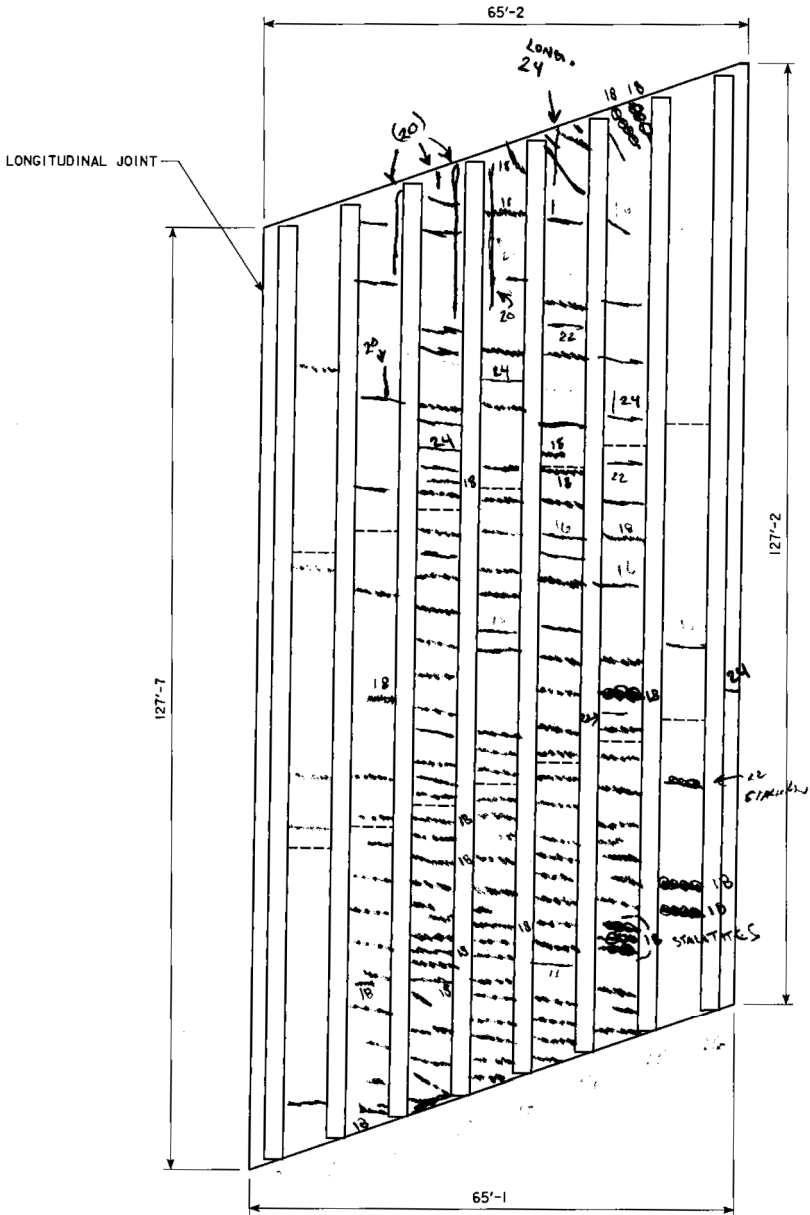
Bottom of Deck Inspection Sketches

(For Information Only)

Design For Repair To 20 Degree Skew RA
202'-0" x Var. Pretensioned Prestressed
Conc. Beam Bridge w/10'-11½" Sdwk.
76'-0" & 126'-0" End Spans
Inspection Sketches
STA. 418+33.00 (Wesley Parkway) Turn-in Date: Sep 2027
Woodbury County
IOWA DEPARTMENT OF TRANSPORTATION
Design No. 228 Design Sheet No. 4 of 5 FHWA No. 700205

SCALE	BRIDGE NO. 9700.3 ^S 077	SKETCH BY	CHANGE SINCE LAST INSP.	DATE	PAGE
200	FHWA NO. 700205	W. J. Baker	Leaching	12-9-20	24
	SKETCH OF: BOTTOM OF DECK, SPAN #2, NORTHBOUND	W. J. Baker	Leaching	12-9-20	
		INSP. LOMA, L. G. G. G.		12-1-24	

* ALL CRACKS ARE DAMP (24) FAR ABUTMENT



BOTTOM OF DECK - SPAN #2 - NORTHBOUND (Right half)

DECK_BOTTOM-SPAN_2-NB

Bottom of Deck Inspection Sketch
(For Information Only)

Design For Repair To 20 Degree Skew RA

202'-0" x Var. Pretensioned Prestressed
Conc. Beam Bridge w/10'-11½" Sdwk.
76'-0" & 126'-0" End Spans

Inspection Sketches

STA. 418+33.00 (Wesley Parkway) Turn-In Date: Sep 2027

Woodbury County

IOWA DEPARTMENT OF TRANSPORTATION

Design No. 228 Design Sheet No. 5 of 5 FHWA No. 700205



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.

Jordan Provost

08-20-2026
Date

Jordan Provost
Printed or Typed Name

My license renewal date is December 31, 2026

Pages or sheets covered by this seal: A.3, C.1-C.3, J.1-J.7

FILE NO. 32564

ENGLISH

DESIGN TEAM **FOTH**

WOODBURY COUNTY

PROJECT NUMBER **BRF-077-2(034)--38-97**

SHEET NUMBER **A.3**

ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES

Roadway Items : Roadway Items

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
1	2513-0001030	CONCRETE BARRIER, BA-103	LF	40	Refer to Tab 108-18B on Sheet C.2. Remove barrier rail from joint to joint at 'EF' Joint patching location. Field verify locations and removal limits.
2	2513-0001081	CONCRETE BARRIER, TAPERED END, BA-108	EACH	1	
3	2527-9263155	PRE-CUT SYMBOLS AND LEGENDS, PREFORMED THERMOPLASTIC MARKING MATERIAL	EACH	6	Refer to Tab 108-29 on Sheet C.3.
4	2527-9263209	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	STA	12.1	Refer to Tab 108-22 on Sheet C.3. Painted pavement markings shall be of epoxy material. Painted pavement markings shall be Iowa DOT standard 6" line types and widths. Grooves shall be cut for all painted pavement markings.
5	2527-9270112	GROOVES CUT FOR PAVEMENT MARKINGS	STA	12.1	
6	2528-8445110	TRAFFIC CONTROL	LS	1	Refer to Traffic Control Plan on Sheet J.2.
7	2529-5070110	PATCHES, FULL-DEPTH FINISH, BY AREA	SY	90.55	Refer to Tab. 102-6C on Sheet C.2. Field verify existing location of 'EF' joints.
8	2529-5070120	PATCHES, FULL-DEPTH FINISH, BY COUNT	EACH	4	
9	2529-8174020	SUBBASE PATCH WITH EF JOINT	SY	90.55	
10	2529-8201000	JOINT ASSEMBLY, EF	EACH	2	
11	2599-9999009	('LINEAR FEET' ITEM)	LF	56	REMOVAL OF PC CONCRETE BARRIER Refer to Tab 108-18B on Sheet C.2. Remove barrier rail from joint to joint at 'EF' Joint patching location. Field verify locations and removal limits. Method of Measurement: by linear feet to the nearest 1 foot for the extent of the concrete barrier removed. Basis of Payment: per linear foot for removal and disposal of PC Concrete Barrier.

PROJECT DESCRIPTION			100-01D Modified
This project is for the roadway plans for the bridge repair, bridge approach patching, and the associated traffic control for US 77/Wesley Parkway over Tri View Avenue and BNSF railroad, located at the junction of IA 12, 0.3 miles north of the Nebraska State Line.			

STANDARDS			105-04 Modified
The following Standards apply to construction work on this project.			
NUMBER	DATE	TITLE	
BA-103	10-20-26	34" Concrete Barrier (Half Section)	
BA-108	10-18-22	Concrete Barrier Tapered End Section	
PM-110	10-15-24	Line Types	
PM-111	04-21-20	Symbols and Legends	
PR-101	10-21-25	Full Depth Patch with 'EF' Joint in PCC	
SI-881	04-16-19	Special Signs for Workzones	
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-418	04-18-23	Lane Closure on Divided Highway	
TC-433	10-17-17	Pavement Marking Operations	
TC-601	10-15-19	Pedestrian Detour	

INDEX OF TABULATIONS			111-25 Modified
Tabulation	Tabulation Title	Sheet No.	
C Sheets			
	Estimated Project Quantities & Reference Information	C.1	
100-1D	Project Description	C.2	
102-6C	Full-Depth Patches	C.2	
105-4	Standard Road Plans	C.2	
108-18B	Concrete Barrier at Side Locations	C.2	
108-22	Pavement Marking Line Types	C.3	
108-29	Pavement Marking Symbols and Legends	C.3	
111-25	Index of Tabulations	C.2	
J Sheets			
108-23A	Traffic Control Plan	J.2	
108-23B	Traffic Control Closure Tables	J.3	
108-26A	Staging Notes	J.2	

102-6C
MODIFIED

FULL-DEPTH PATCHES																				
Possible Standards: PR-101, PR-102, PR-103, PR-104, PR-105, and PR-140.																				
LOCATION				DIMENSION			PCC PATCHES				HMA PATCHES	COMPOSITE HMA	SUBBASE PATCHES	SUBBASE PATCH W/ 'EF' JOINT	PATCH SUBDRAIN	'CD' JOINTS	'CT' JOINTS	'EF' JOINTS	ANCHOR LUGS REMOVAL	REMARKS
COUNT	STATION	REFERENCE LOCATION SIGN	LANE	LENGTH	WIDTH	PATCH THICKNESS	WITH DOWELS	WITHOUT DOWELS	C R C	RAMP WITH DOWELS										
							PR-103	PR-102	PR-104	PR-105										
							SY	SY	SY	SY										
			L, R, OR B	FT	FT	IN							PR-140	PR-101	PR-101 OR PR-140			PR-101	NO.	
1	420+10	US 77 NB	B	10.0	39.0	12.0								43.33	1			1		Field verify existing 'EF' Joint location
1	419+85	US 77 SB	B	10.0	42.5	12.0								47.22	1			1		Field verify existing 'EF' Joint location
													TOTAL:	90.55	2			2		

108-18B
Modified

CONCRETE BARRIER AT SIDE LOCATIONS

* Bid Item

Location					Offset	SIDE BARRIER						Remarks	Expansion Joints		
No.	Direction of Traffic	Station From	Station To	Side		Barrier Type	Length of Barrier*	BA-105 Transition Section*	BA-107 End Section*	BA-108 Tapered End Section*	Reinforced Paved Shoulder		Station	Side	Remarks
							LF	No.	No.	No.	Yes/No				
1	SB	419+69	419+95	RT		BA-103	10.0			1	No	Remove 26 LF Existing Concrete Barrier	419+85	RT	Match 'EF' Joint
2	SB	419+65	419+95	LT		BA-103	30.0				No	Remove 30 LF Existing Concrete Barrier	419+85	LT	Match 'EF' Joint

108-22 Modified										
PAVEMENT MARKING LINE TYPES										
Road Identification	Station		Direction Of Travel	Side	Marking Type	Length	Line Type	Factor	Factored Quantity	Remarks
	Begin	End				STA				
NB US 77	417+32.00	419+34.00	NB	Right	Waterborne/Solvent Paint	2.02	Edge Line Right White	1.00	2.02	Repaint Pavement Markings on Bridge
NB US 77	417+32.00	419+34.00	NB	Center	Waterborne/Solvent Paint	2.02	Broken Lane Line White	0.25	0.51	Repaint Pavement Markings on Bridge
NB US 77	417+32.00	419+34.00	NB	Left	Waterborne/Solvent Paint	2.02	Edge Line Left Yellow	1.00	2.02	Repaint Pavement Markings on Bridge
SB US 77	417+32.00	419+34.00	SB	Left	Waterborne/Solvent Paint	2.02	Edge Line Left Yellow	1.00	2.02	Repaint Pavement Markings on Bridge
SB US 77	417+32.00	418+82.00	SB	Left	Waterborne/Solvent Paint	1.50	Solid Lane Line White	1.00	1.50	Repaint Pavement Markings on Bridge
SB US 77	417+32.00	419+34.00	SB	Center	Waterborne/Solvent Paint	2.02	Broken Lane Line White	0.25	0.51	Repaint Pavement Markings on Bridge
SB US 77	417+32.00	418+82.00	SB	Right	Waterborne/Solvent Paint	1.50	Solid Lane Line White	1.00	1.50	Repaint Pavement Markings on Bridge
SB US 77	417+32.00	419+34.00	SB	Right	Waterborne/Solvent Paint	2.02	Edge Line Right White	1.00	2.02	Repaint Pavement Markings on Bridge
								TOTAL	12.10	Waterborne/Solvent Paint
										NOTE: All painted pavement markings shall be epoxy.

108-29 Modified					
PAVEMENT MARKING SYMBOLS AND LEGENDS					
Road Identification	Station	Side	Symbol ID	Grooves Cut	Remarks
SB US 77		Left	ONLW		Left-turn Only Lane
SB US 77		Left	STAW		Left-turn Only Lane
SB US 77		Right	RTAW		Right-turn Only Lane
SB US 77		Right	ONLW		Right-turn Only Lane
SB US 77		Right	RTAW		Right-turn Only Lane
SB US 77		Right	ONLW		Right-turn Only Lane
		Total:	6		Repaint All Symbols on Bridge

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 Pavement Shading
Gray, Med	(80)	Previously Constructed Granular Surface Shading
Blue, Light	(230)	Proposed Pavement 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)

108-23A Modified
TRAFFIC CONTROL PLAN
Traffic will be maintained on US 77/Wesley Parkway over Tri View Avenue and BNSF railroad at all times. Construction will be performed in 3 stages of lane closures. See detailed staging plans in the J-sheets. Access to Exit and Entrance ramps to I-29 will be maintained at all times. Lane closures should be scheduled in accordance with Tab 108-23B.

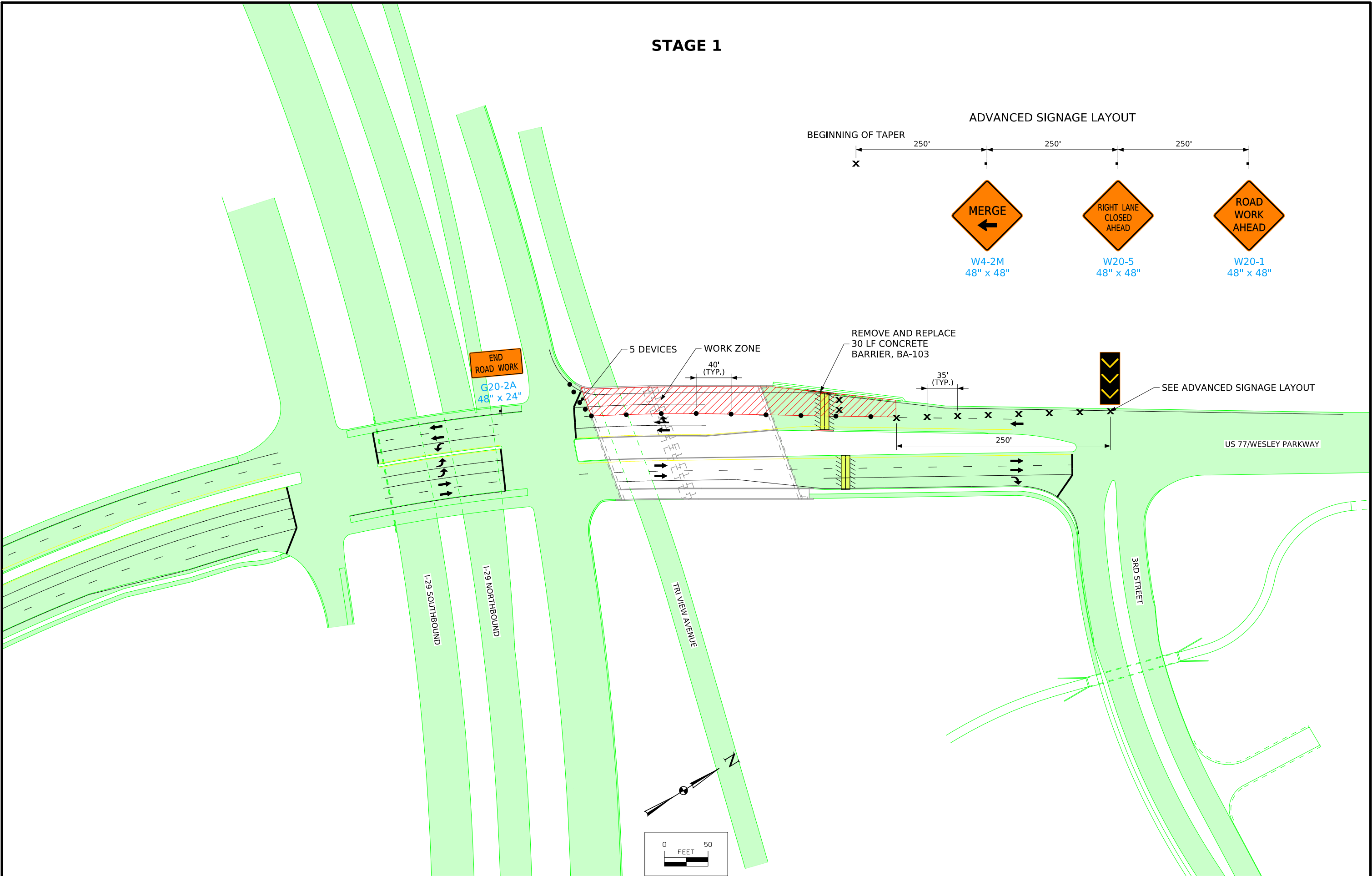
108-26A Modified
STAGING NOTES
STAGE 1 (Southbound Right Lane Construction) Traffic: 1. Close the right lanes of southbound US 77/Wesley Parkway at the bridge, using Standard Road Plan TC-418. See included Staging Plans for details. Construction: 1. Clean and prepare existing barrier rail adjacent to the right southbound lane. 2. Apply concrete sealer to prepared existing barrier rail. 3. Clean and prepare existing bridge deck, right southbound lanes. 4. Apply High Molecular Weight Methacrylate (HMWM) sealer to existing bridge deck, right southbound lanes. 5. Complete 'EF' joint patching and barrier rail replacement adjacent to the right southbound lane. 6. Complete pavement markings in right southbound lanes in accordance with Standard Road Plan TC-433. Traffic: 1. Open the right lanes of southbound US 77/Wesley Parkway. STAGE 2 (Center Lanes Construction) Traffic: 1. Close the left lanes of southbound US 77/Wesley Parkway at the bridge, using Standard Road Plan TC-418. See included Staging Plans for details. 2. Close the left lanes of northbound US 77/Wesley Parkway at the bridge, using Standard Road Plan TC-418. See included Staging Plans for details. Construction: 1. Clean and prepare existing bridge deck, left southbound lanes. 2. Apply HMWM sealer to existing bridge deck, left southbound lanes. 3. Clean and prepare existing bridge deck, left northbound lanes. 4. Apply HMWM sealer to existing bridge deck, left northbound lanes. 5. Complete 'EF' joint patching and barrier rail replacement adjacent to the left southbound lane. 6. Complete 'EF' joint patching on left northbound lane. 7. Complete pavement marking operations in accordance with Standard Road Plan TC-433. STAGE 3 (Northbound Right Lane Construction) Traffic: 1. Close the right lanes of northbound US 77/Wesley Parkway at the bridge, using Standard Road Plan TC-418. See included Staging Plans for details. 2. Install pedestrian detour via Larsen Park Road, Pierce Street, and 3rd Street. Refer to route map on sheet J.7 for information. 3. Close sidewalk adjacent to northbound US 77/Wesley Parkway at the bridge. See Staging Plans for details. Construction: 1. Clean and prepare existing separation rail adjacent to the right northbound lane. 2. Apply concrete sealer to prepared existing separation rail. 3. Clean and prepare existing barrier rail adjacent to sidewalk. 4. Apply concrete sealer to prepared existing barrier rail. 5. Clean and prepare existing bridge deck, right northbound lanes. 6. Apply HMWM sealer to existing bridge deck, right northbound lanes. 7. Clean and prepare existing sidewalk surface. 8. Apply HMWM sealer to existing sidewalk surface. 9. Complete 'EF' joint patching on right northbound lane. 10. Complete pavement markings in right northbound lanes in accordance with Standard Road Plan TC-433. FINAL Traffic: 1. Open all lanes to traffic.

TRAFFIC CONTROL CLOSURE TABLES(S)

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

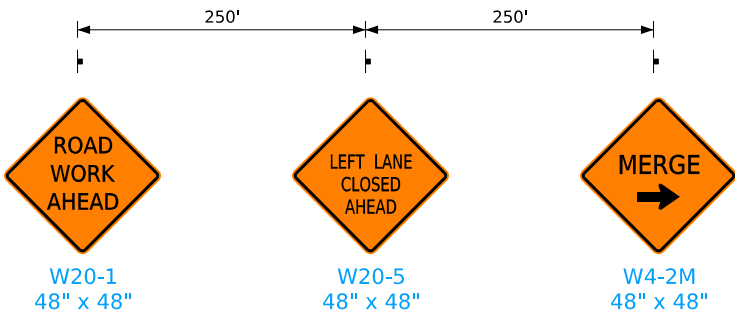
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STAGE 1

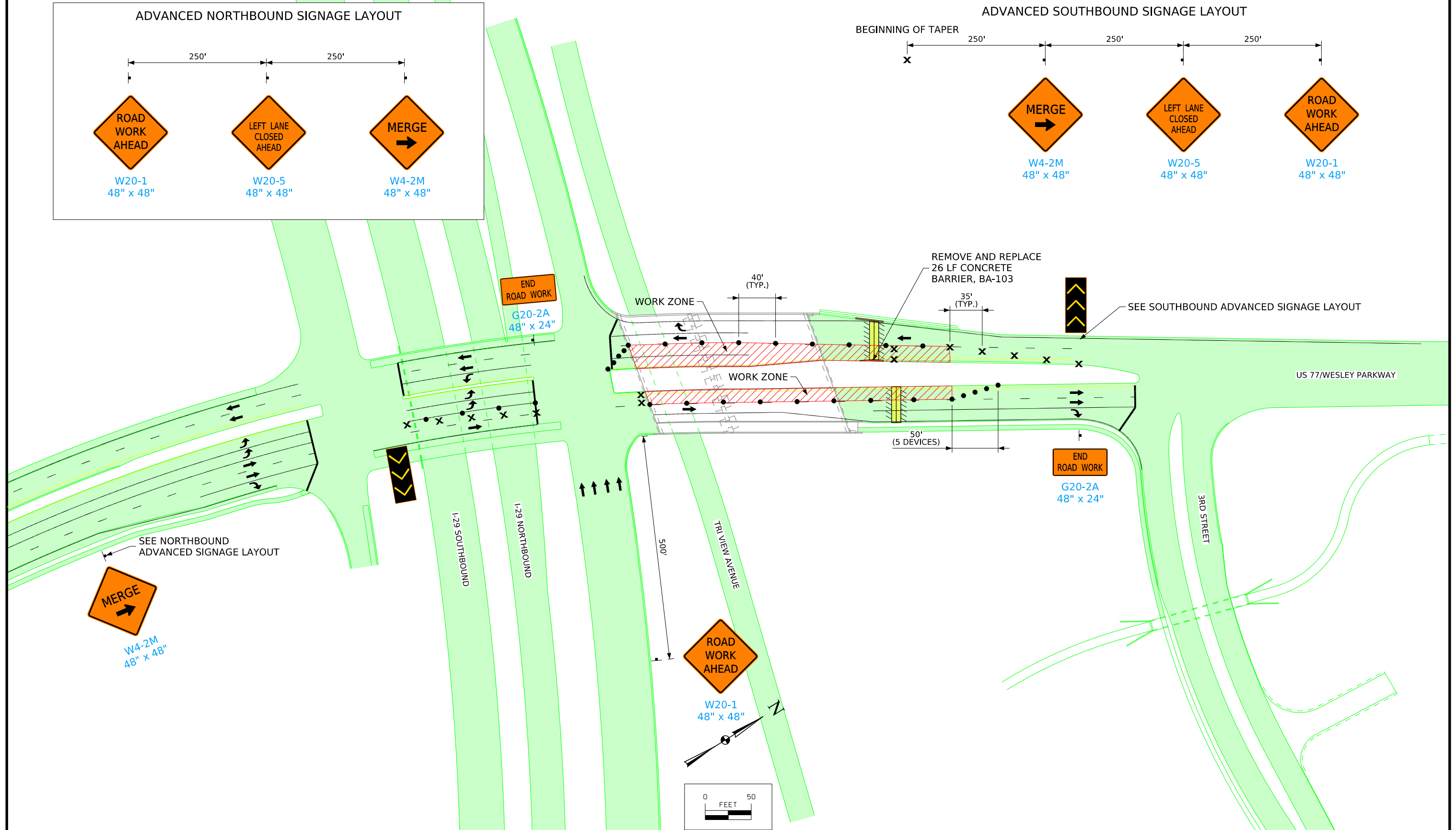
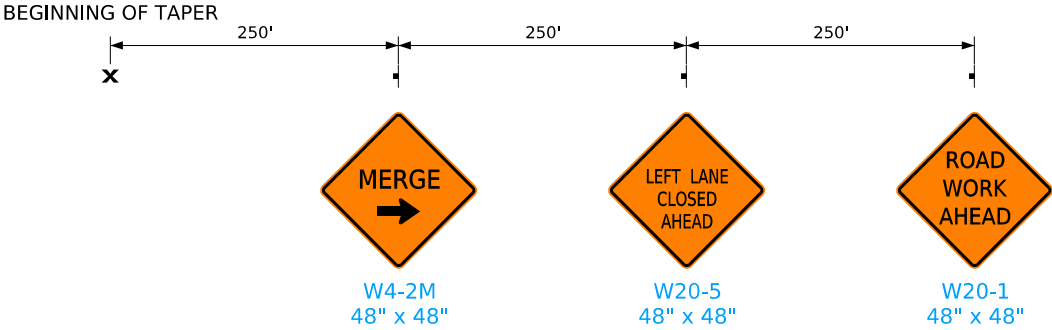


STAGE 2

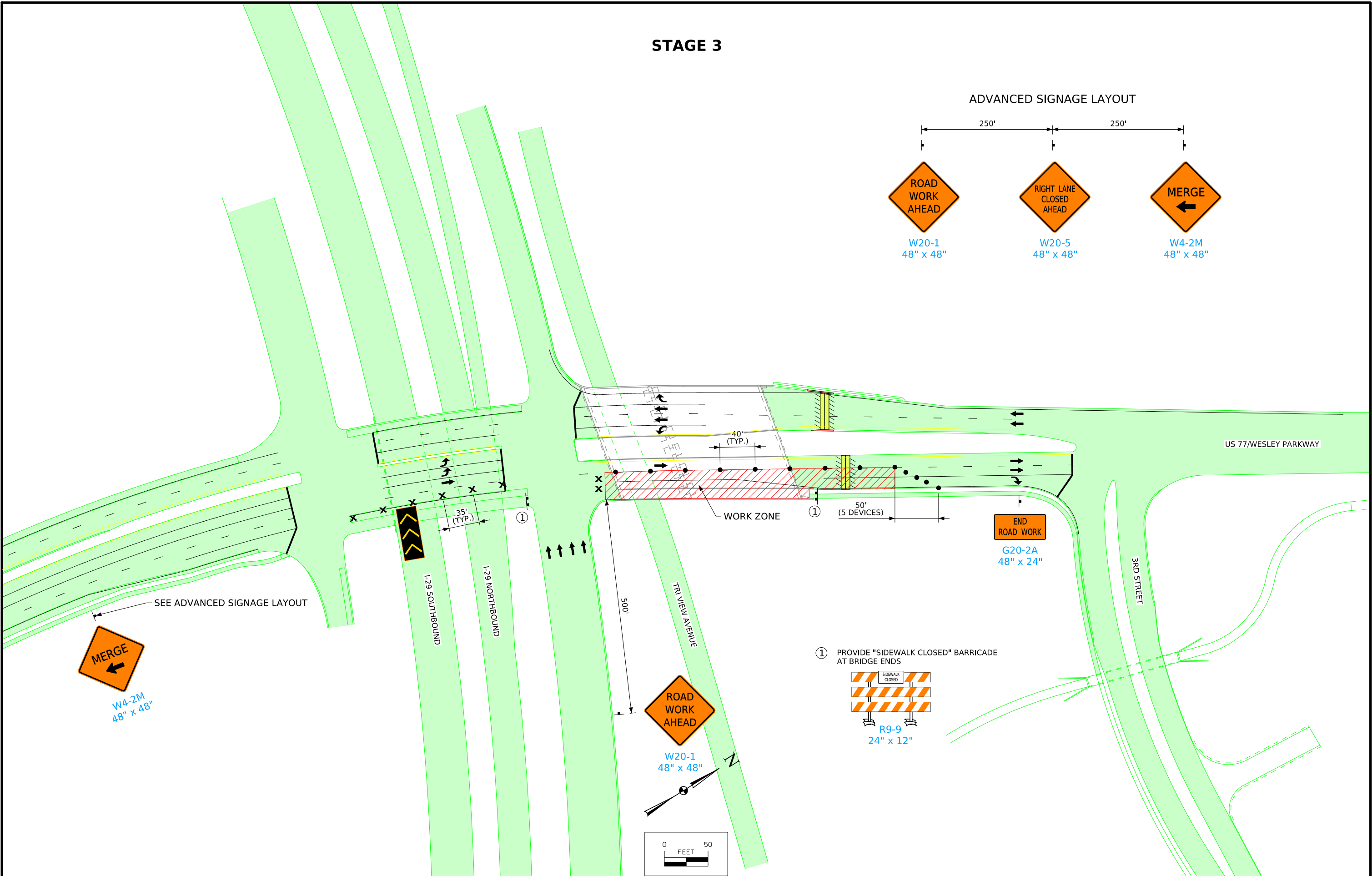
ADVANCED NORTHBOUND SIGNAGE LAYOUT



ADVANCED SOUTHBOUND SIGNAGE LAYOUT



STAGE 3





DETOUR SIGNAGE LEGEND

(A)	(B)	(C)
M4-9a (R)	M4-9a (L)	M4-8a