

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 64 (I-64)
SECTION D9 CM BRIDGE REPAIR 2014-2

JOINT RECONSTRUCTION
JEFFERSON COUNTY

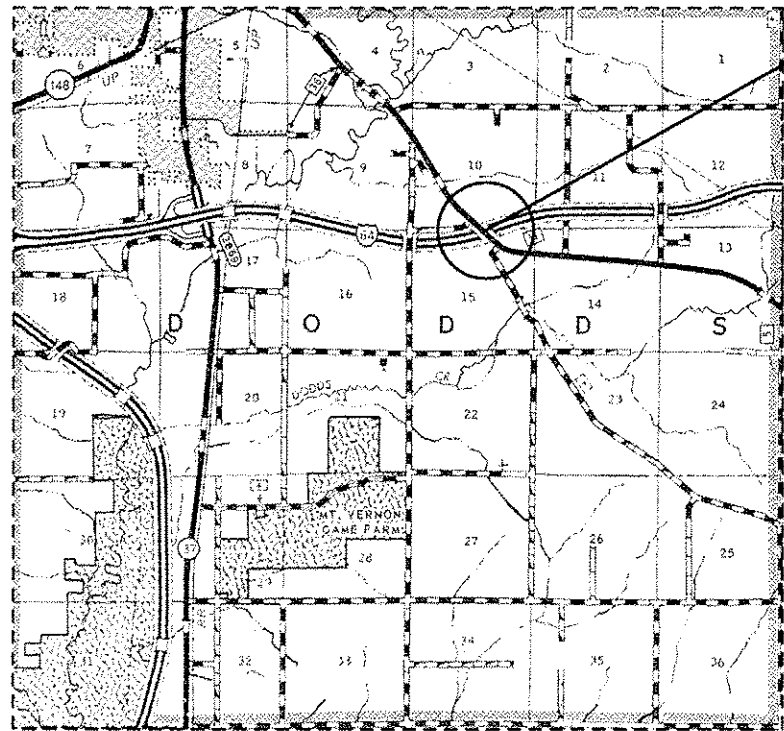
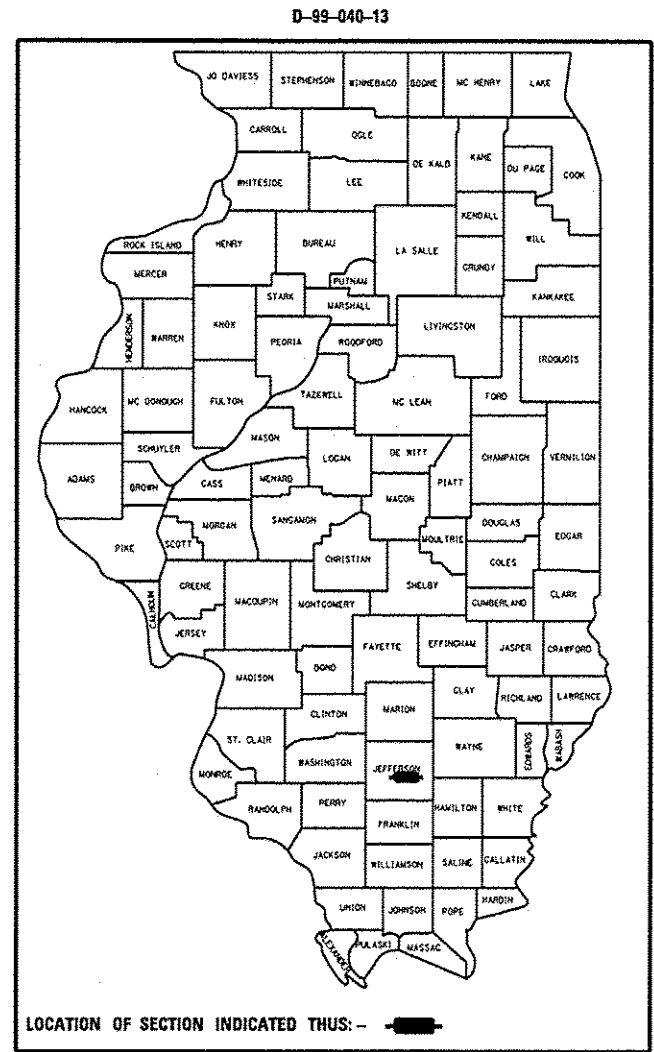
C-99-043-13

FOR INDEX OF SHEETS, SEE SHEET NO. 2

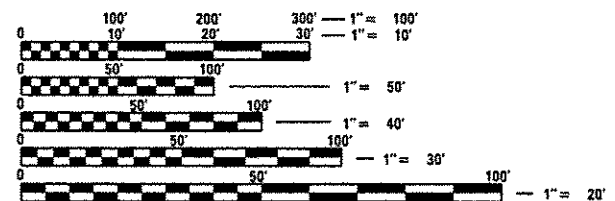
2013 ADT: 10,150 (TWO WAY),
44% TRUCKS
TOWNSHIP: DODDS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	JEFFERSON	12	1
		ILLINOIS	CONTRACT NO. 78371	

* D9 CM BRIDGE REPAIR 2014-2



IMPROVEMENT LOCATION
STRUCTURES NO. 041-0070 & 041-0071
I-64 OVER CSXT RAILROAD



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT MANAGER: DAVID PICHE (618) 351-5227
PROJECT ENGINEER: ADRIAN ADAMS (618) 351-5262

GROSS LENGTH = 195.25 FT. = 0.037 MILE
NET LENGTH = 195.25 FT. = 0.037 MILE

CONTRACT NO. 78371

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *March 28, 2014*

Jeffrey S. Keem
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 9, 2014
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 9, 2014
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES, INDEX OF SHEETS, AND STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4 GENERAL PLAN AND ELEVATION SN 041-0070 & 041-0071
- 5 STAGING DETAILS
- 6 JOINT REPLACEMENT AND REINFORCEMENT DETAILS SN 041-0070 WEST ABUTMENT & SN 041-0071 EAST ABUTMENT
- 7 JOINT REPLACEMENT AND REINFORCEMENT DETAILS SN 041-0070 EAST ABUTMENT & SN 041-0071 WEST ABUTMENT
- 8 BACKWALL REPAIR, RAIL POST, AND DRAIN EXTENSION DETAILS
- 9 BAR SPLICER ASSEMBLY DETAILS
- 10 PREFORMED JOINT STRIP SEAL DETAILS
- 11 TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
- 12 WIDE LOAD SIGNING PLAN

GENERAL NOTES

- 1) AT ALL LOCATIONS WHERE PROPOSED CONCRETE PAVEMENT JOINS AN EXISTING HOT-MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- 2) IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 101.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.
- 3) ANY TIME THE CONCRETE BARRIER IS NOT IN THE PROPER POSITION, FLAGGERS SHALL BE IN PLACE TO CONTROL TRAFFIC.
- 4) PATCHING QUANTITIES ARE FOR ESTIMATED. THE FINAL LOCATIONS AND QUANTITIES WILL BE DETERMINED BY THE ENGINEER.
- 5) COMMITMENTS: NONE AS OF MARCH 21, 2014.

STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 643001-02 SAND MODULE IMPACT ATTENUATORS
- 701101-04 OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701400-07 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701402-09 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
- 701426-06 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 45 MPH
- 701901-03 TRAFFIC CONTROL DEVICES
- 704001-07 TEMPORARY CONCRETE BARRIER

Prepared By: *Joe Markewicz*
 DISTRICT STUDIES & PLANS ENGINEER

Examined By: *[Signature]*
 DISTRICT LAND ACQUISITION ENGINEER

Examined By: *[Signature]*
 DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *[Signature]*
 DISTRICT OPERATIONS ENGINEER

Examined By: *[Signature]*
 DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: *[Signature]*
 DISTRICT CONSTRUCTION ENGINEER

Examined By: *[Signature]*
 DISTRICT MATERIALS ENGINEER

FILE NAME *	USER NAME * adomson	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS, AND STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\widot\adomson\08379162\7837-sh-t-plan.dgn	DRAWN - _____	REVISED - _____	64			*	JEFFERSON	12	2	
PLOT SCALE * 100.0000' / 1" =	CHECKED - _____	REVISED - _____	CONTRACT NO. 78371							
PLOT DATE * 3/25/2014	DATE - _____	REVISED - _____	ILLINOIS FED. AID PROJECT							
#MODELNAME#				SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____	TO STA. _____	ILLINOIS FED. AID PROJECT		

		SN 041-0070 & 041-0071	
		100% STATE	
		JEFFERSON COUNTY	
		CONSTRUCTION TYPE CODE - 0014	
CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
50102400	CONCRETE REMOVAL	CU YD	33.8
50300255	CONCRETE SUPERSTRUCUTRE	CU YD	33.4
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4800
50800515	BAR SPLICERS	EACH	56
52000110	PREFORMED JOINT STRIP SEAL	FOOT	224
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2
67100100	MOBILIZATION	L SUM	1
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	2
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2
70400100	TEMPORARY CONCRETE BARRIER	FOOT	850
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	750
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2
X7010410	SPEED DISPLAY TRAILER	CAL MO	2

		SN 041-0070 & 041-0071	
		100% STATE	
		JEFFERSON COUNTY	
		CONSTRUCTION TYPE CODE - 0014	
CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
X5030530	FLOOR DRAIN EXTENSION	EACH	16
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	79
Z0015802	PLUG EXISTING DECK DRAINS	EACH	12
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1

4)

FILE NAME c:\p\work\pzd\dot\adameen\08379162\7837	USER NAME *#USER*	DESIGNED -	REVISED -
caht-plan.dgn		DRAWN -	REVISED -
PLOT SCALE * 1/8" = 1' - 0"		CHECKED -	REVISED -
PLOT DATE * 3/29/2014		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

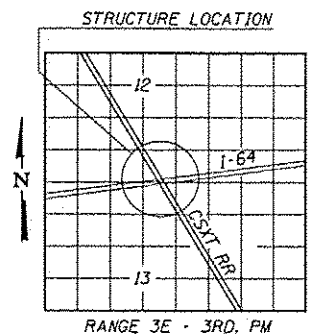
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	JEFFERSON	12	3
CONTRACT NO. 78371				

GENERAL NOTES

The deck surface shall have its final finish lined according to Article 420.09(a)(1) of the Standard Specifications. Cost Included with Concrete Superstructure.
 Reinforcement bars designated (E) shall be epoxy coated.
 All structural steel shall conform to AASHTO M 270 Grade 36 unless otherwise noted. No field welding is permitted except as specified in the contract documents.
 Prior to pouring the new concrete section, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in CONCRETE REMOVAL.
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
 Existing reinforcement bars extending into the removal area shall be cleaned, straightened, and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included in CONCRETE REMOVAL.
 Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50°F.
 Existing structural steel shall only be cleaned and painted as required by the Special Provision "Cleaning and Painting Adjacent Areas of Existing Steel Structures." The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
 Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts - 3/4" φ, 1/8" φ holes, unless otherwise noted.
 The exterior surfaces of the floor drains shall be painted with the finish coat as specified in the special provisions for Cleaning and Painting New Steel Structures. The exterior surfaces of the drain shall be cleaned and given a washcoat pretreatment in accordance with Society of Protective Coatings Spec. SSPC-SPI & SSPC Paint 27 prior to painting. The color of the exterior surfaces shall be Blue (Munsell No. 10B 3/6). Cost included with Floor Drain Extensions.
 All structural steel shall be shop painted with inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Floor Drain Extensions.

SCOPE OF WORK

- 1) Setup TC&P 701402 with barrier for Stage I work in the EB & WB driving lanes of I-64.
- 2) Perform joint reconstruction.
- 3) Adjust TC&P 701402 for Stage II with barrier work in the EB & WB passing lanes of I-64.
- 4) Perform joint reconstruction.
- 5) Floor Drains
- 6) Structural Repair of Concrete
- 7) Remove TC&P 701402.



TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	33.8
Concrete Superstructure	Cu. Yd.	33.4
Reinforcement Bars, Epoxy Coated	Pound	4800
Bar Splicers	Each	56
Preformed Joint Strip Seal	Foot	224
Floor Drain Extension	Each	16
Plug Existing Deck Drains	Each	12
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	79

GENERAL PLAN

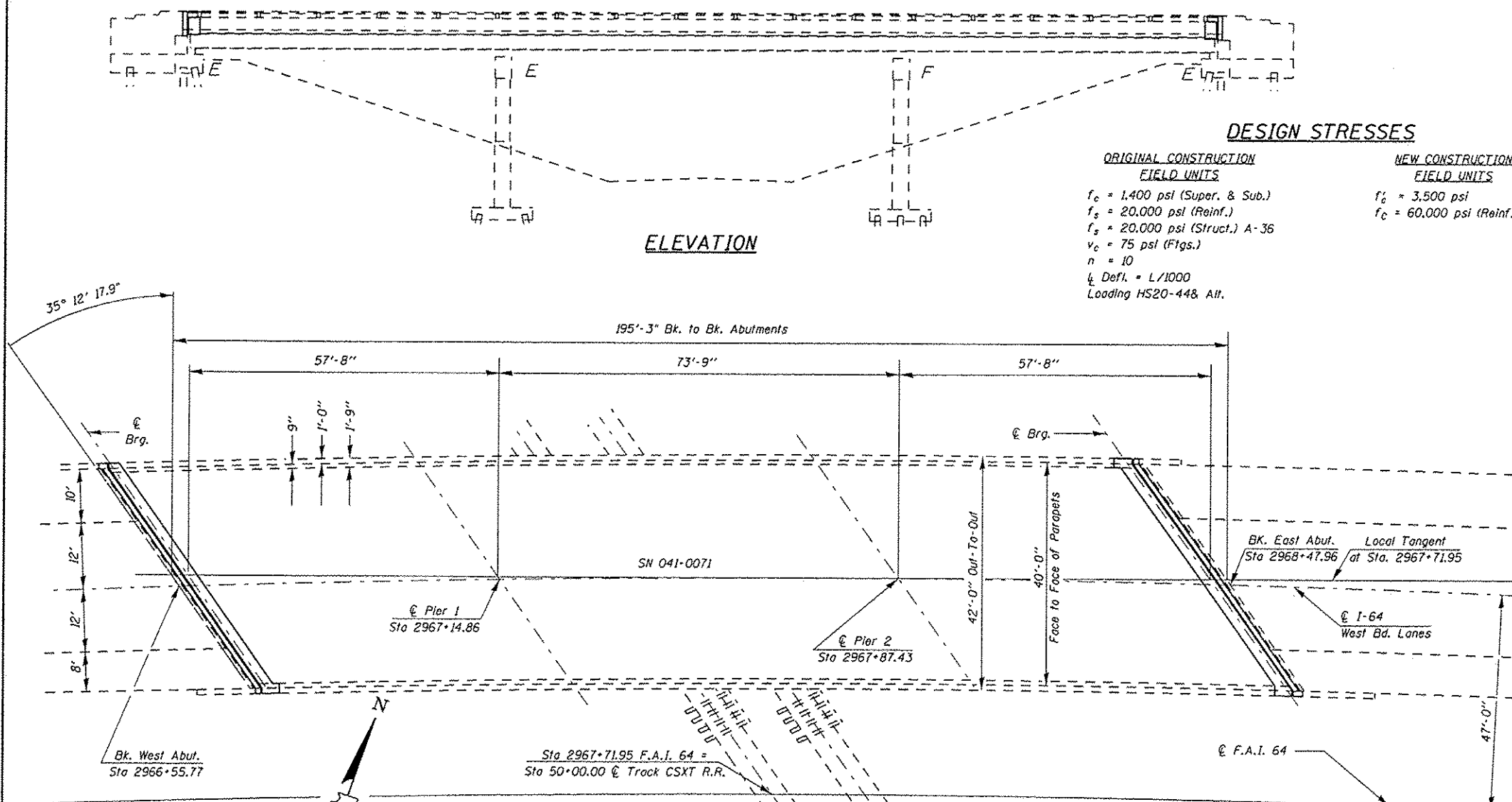
**FAI 64 OVER CSXT RR
SECTION D9 CM BRIDGE REPAIR 2014-2
JEFFERSON COUNTY**

STRUCTURE NUMBER 041-0070 (EB) & 041-0071 (WB)

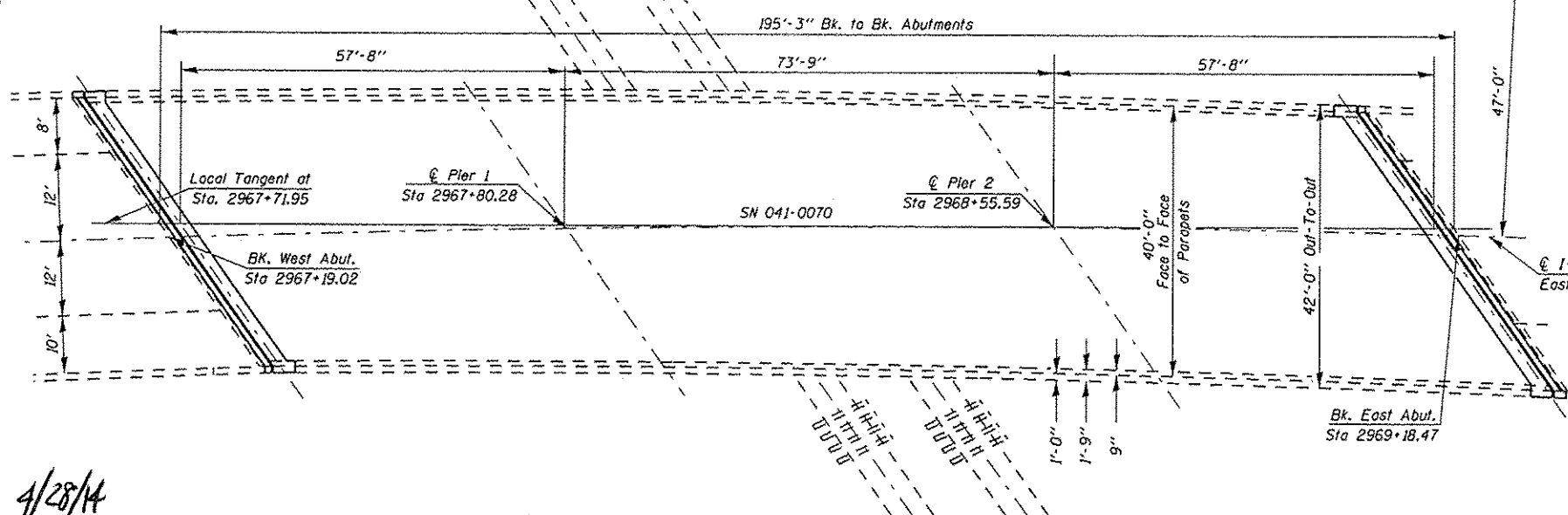
DESIGN STRESSES

ORIGINAL CONSTRUCTION FIELD UNITS	NEW CONSTRUCTION FIELD UNITS
$f_c = 1,400$ psi (Super. & Sub.)	$f_c = 3,500$ psi
$f_s = 20,000$ psi (Reinf.)	$f_s = 60,000$ psi (Reinf.)
$f_s = 20,000$ psi (Struct.) A-36	
$v_c = 75$ psi (Figs.)	
$n = 10$	
$\frac{1}{4}$ Defl. = L/1000	
Loading HS20-44& All.	

ELEVATION

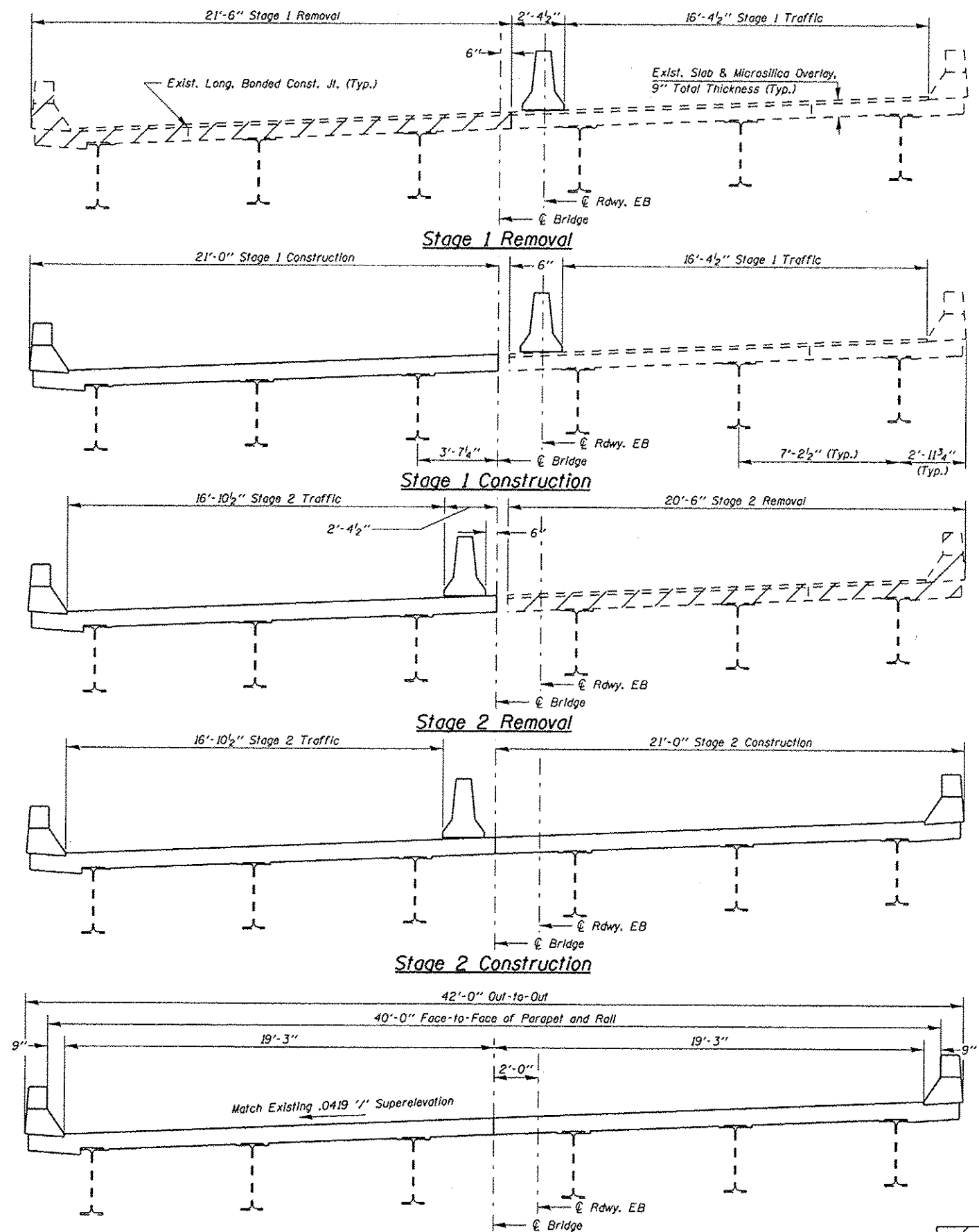


PLAN



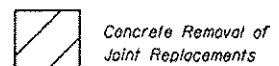
David Carl Puzey
Expires 11/30/14

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MODEL NAME:	PLT SCALE: 30.0000' / 1"	CHECKED: SMR	REVISED: -		SCALE:	SHEET 1	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 78371	
	PLT DATE: 4/14/2014	DATE: -	REVISED: -		D9 CM BRIDGE REPAIR 2014-2							

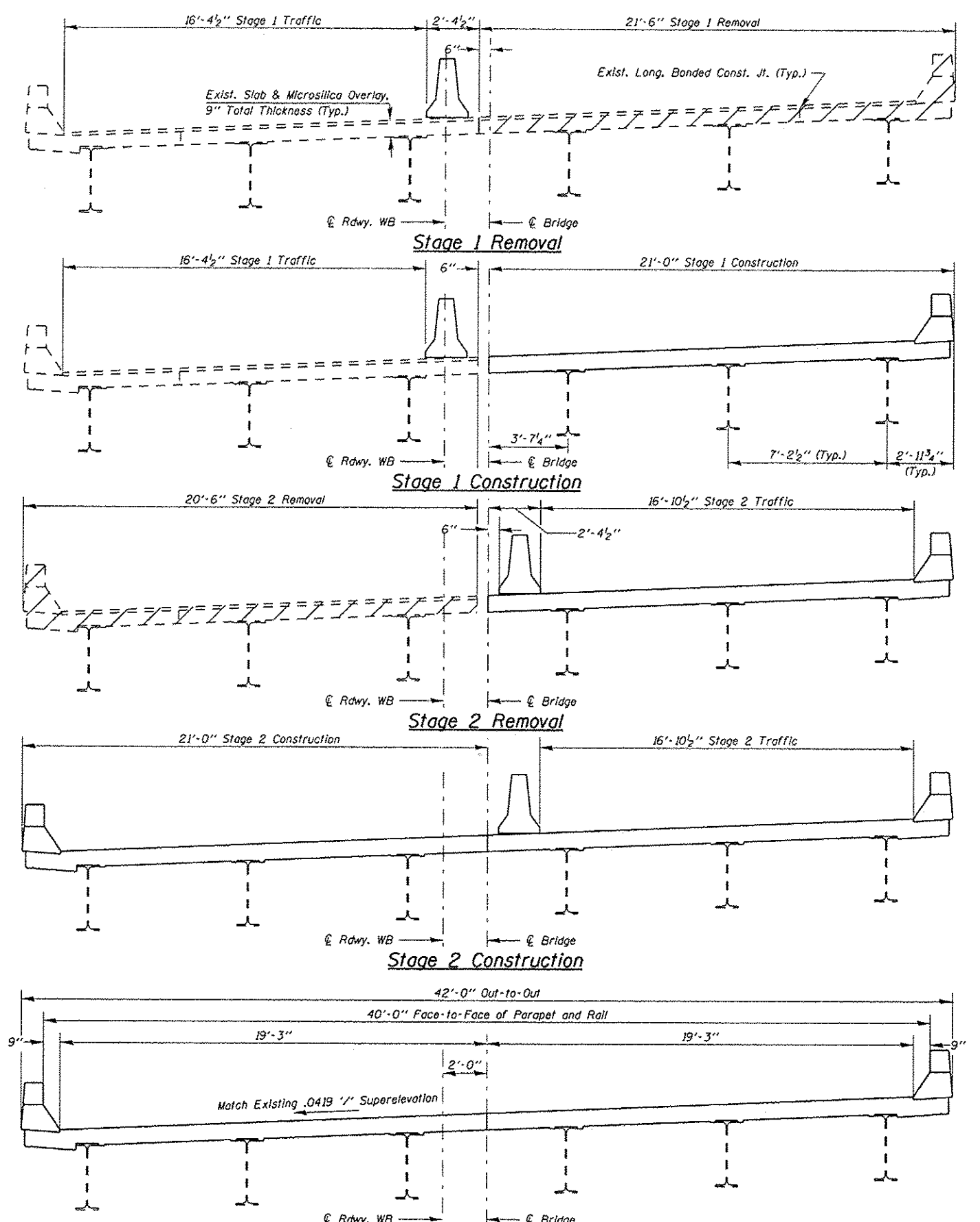


Section Through Structure No. 041-0070 at Joint Replacements

All Sections Looking West
All Dimensions Along Radius



Concrete Removal of
Joint Replacements



Section Through Structure No. 041-0071 at Joint Replacements

All Sections Looking West
All Dimensions Along Radius

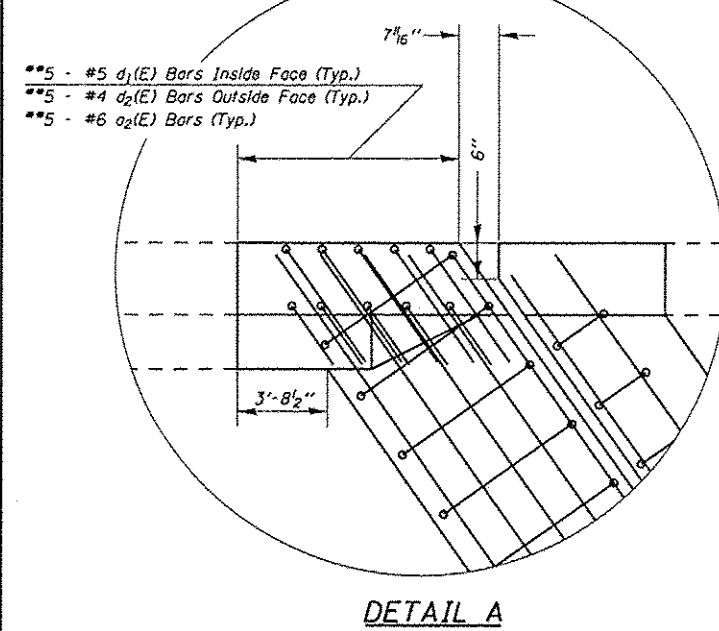
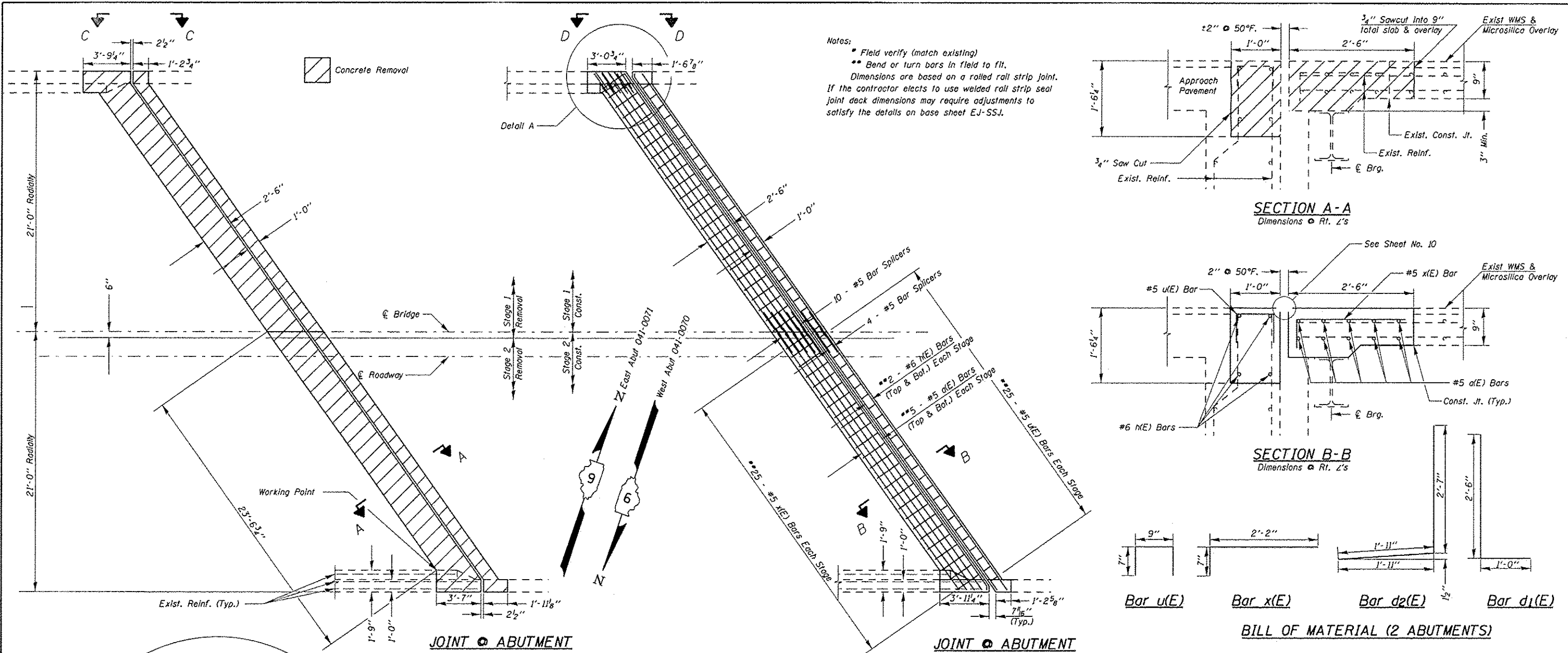
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING DETAILS

FILE NAME *	USER NAME * USER*	DESIGNED -	REVISED -
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#MODELNAME*	PLOT SCALE * 6.0000 "/in.	CHECKED -	REVISED -
	PLOT DATE * 4/14/2014	DATE -	REVISED -

SCALE:	SHEET 2 OF SHEETS	STA. TO STA.	F.A.I. RTE. 64	SECTION	COUNTY JEFFERSON	TOTAL SHEETS 12	SHEET NO. 5
						CONTRACT NO. 78371	
ILLINOIS FED. AID PROJECT							

05 CM BRIDGE REPAIR 2014-2

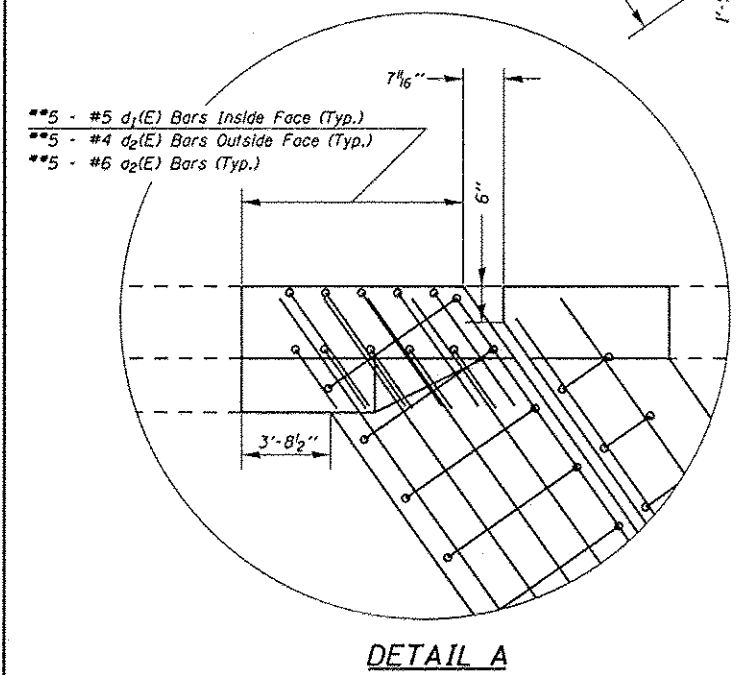
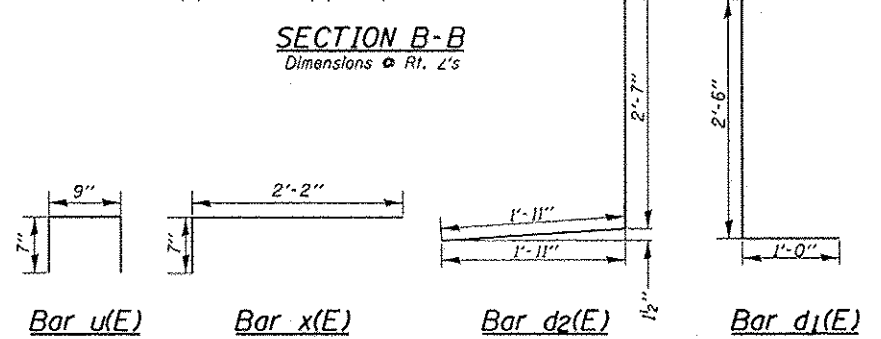
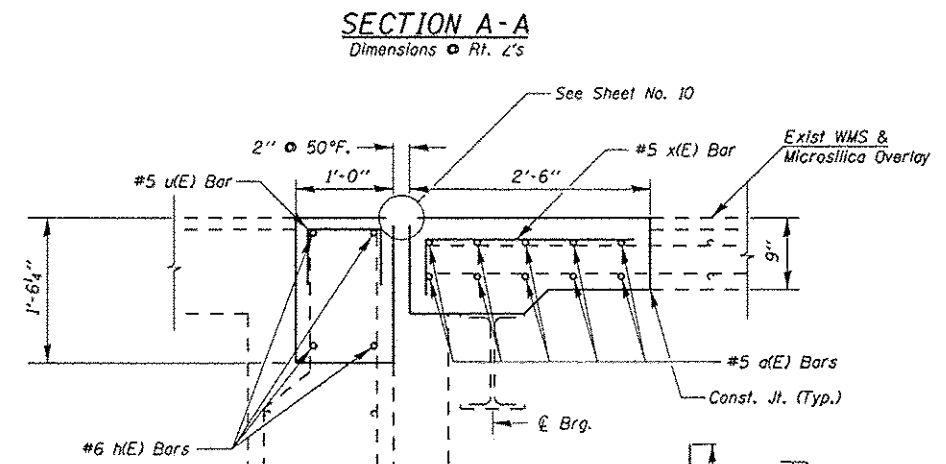
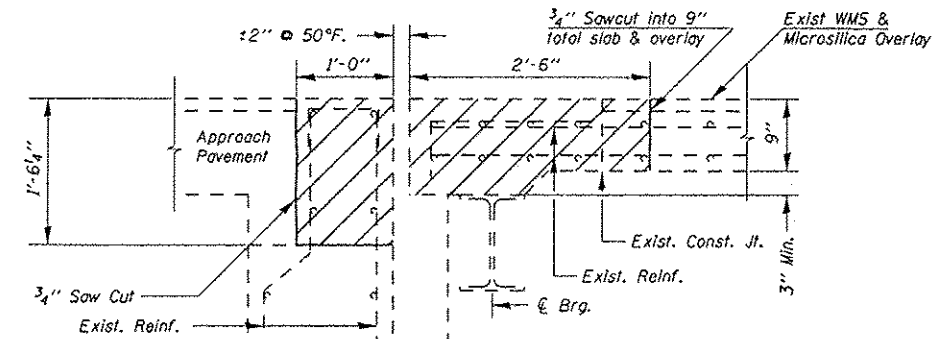
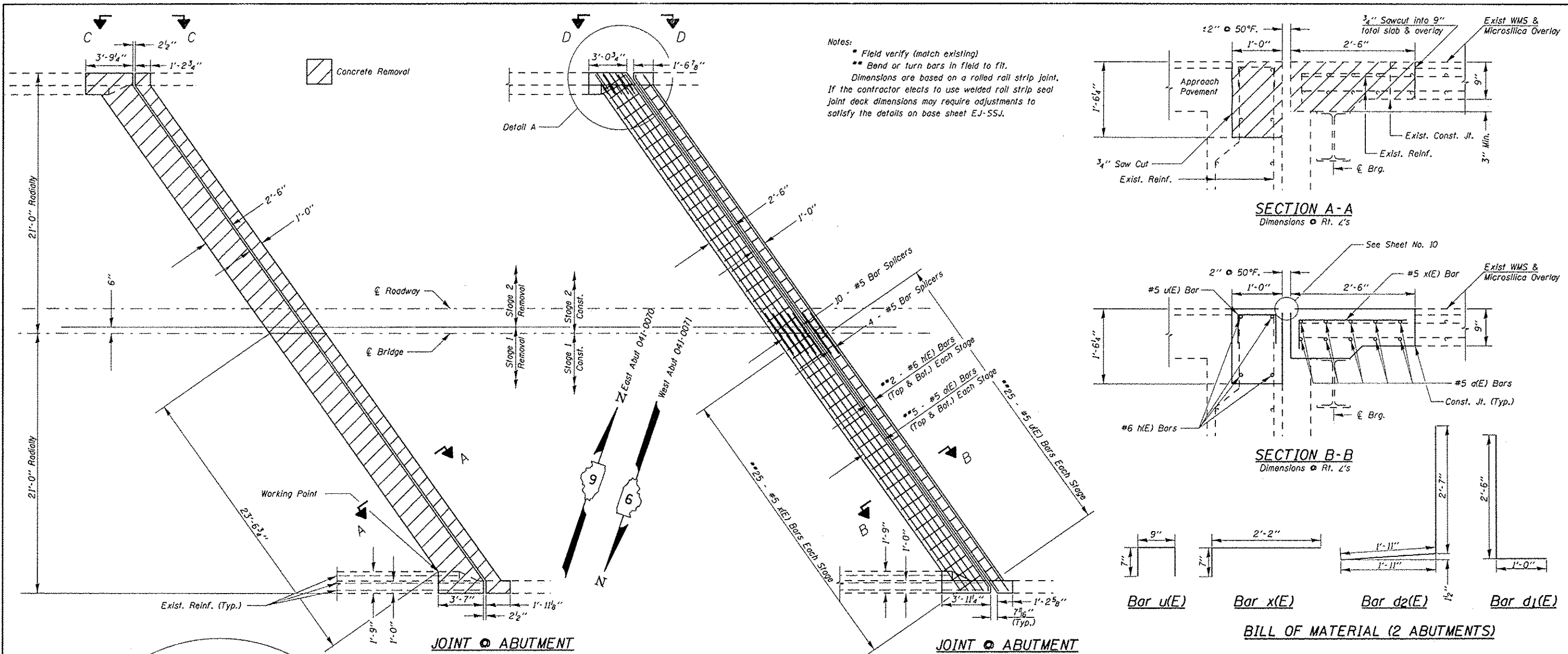


BILL OF MATERIAL (2 ABUTMENTS)

BAR NO.	SIZE	LENGTH	SHAPE
a(E)	40	5	25'-4"
a2(E)	20	6	4'-0"
d1(E)	20	5	3'-6"
d2(E)	20	4	3'-6"
h(E)	16	6	25'-4"
u(E)	100	5	1'-11"
x(E)	100	5	2'-9"
CONCRETE SUPERSTRUCTURE			CU YD 16.7
CONCRETE REMOVAL			CU YD 16.9
BAR SPLICERS			EACH 28
REINFORCEMENT BARS EPOXY COATED			POUND 2400

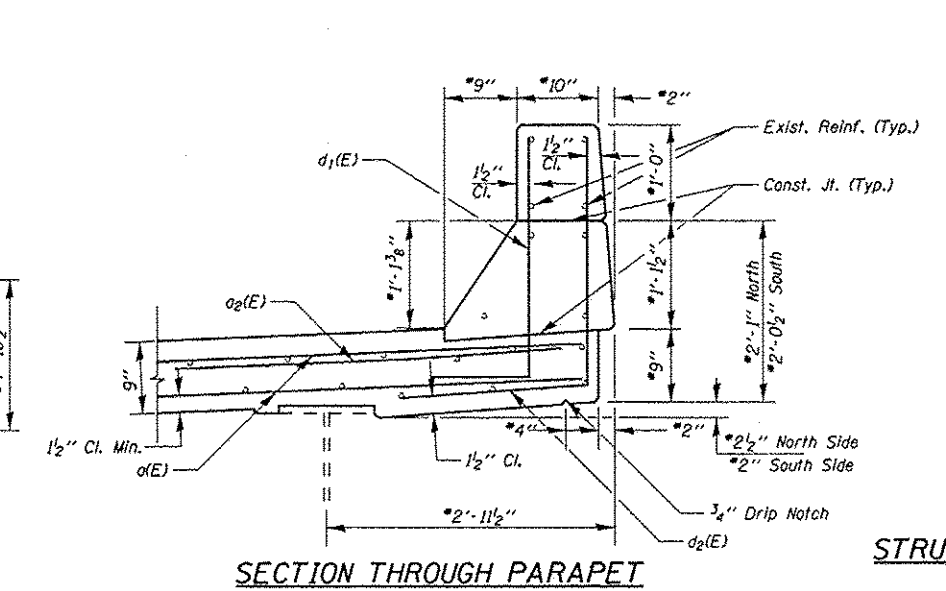
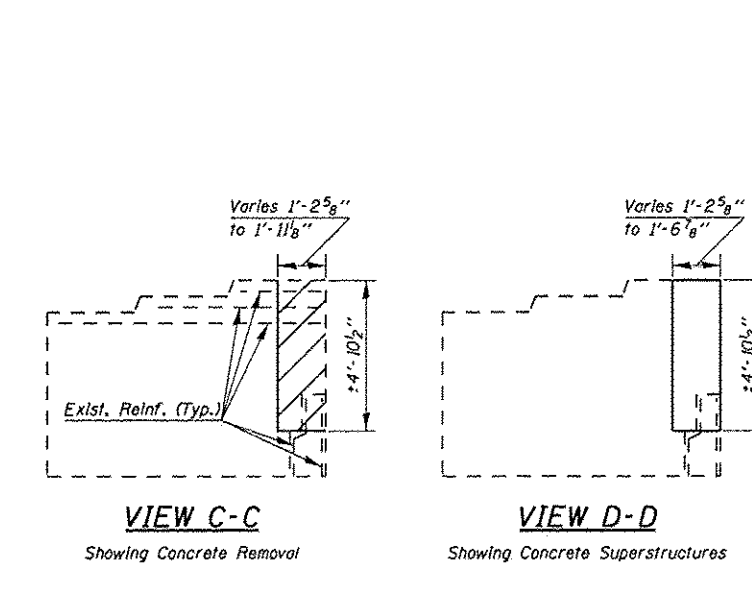
JOINT REPLACEMENT & REINFORCEMENT DETAILS
STRUCTURE 041-0070 WEST ABUTMENT
041-0071 EAST ABUTMENT

BAR NO.	SIZE	LENGTH	SHAPE
a(E)	40	5	25'-4"
a2(E)	20	6	4'-0"
d1(E)	20	5	3'-6"
d2(E)	20	4	3'-6"
h(E)	16	6	25'-4"
u(E)	100	5	1'-11"
x(E)	100	5	2'-9"
CONCRETE SUPERSTRUCTURE			CU YD 16.7
CONCRETE REMOVAL			CU YD 16.9
BAR SPLICERS			EACH 28
REINFORCEMENT BARS EPOXY COATED			POUND 2400



JOINT • ABUTMENT
SHOWING CONCRETE REMOVAL

JOINT • ABUTMENT
SHOWING NEW CONCRETE



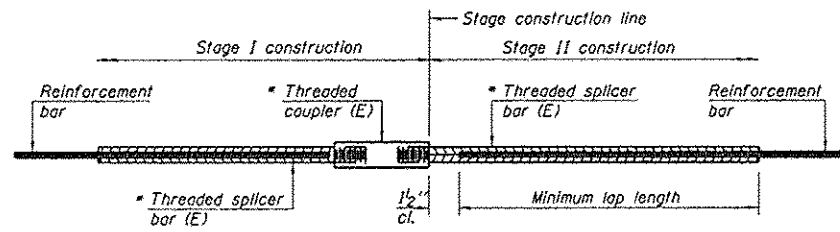
CONCRETE SUPERSTRUCTURE CU YD 16.7

CONCRETE REMOVAL CU YD 16.9

BAR SPLICERS EACH 28

REINFORCEMENT BARS EPOXY COATED POUND 2400

JOINT REPLACEMENT & REINFORCEMENT DETAILS
STRUCTURE 041-0070 EAST ABUTMENT
041-0071 WEST ABUTMENT



STANDARD BAR SPLICER ASSEMBLY

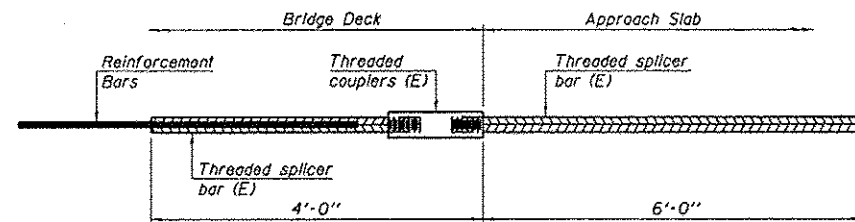
Minimum Lap Lengths						
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-7"	2'-11"
5	1'-9"	2'-5"	2'-7"	2'-11"	3'-3"	3'-8"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-10"	4'-5"
7	2'-9"	3'-10"	4'-2"	4'-8"	5'-2"	5'-10"
8	3'-8"	5'-1"	5'-5"	6'-2"	6'-9"	7'-8"
9	4'-7"	6'-5"	6'-10"	7'-9"	8'-7"	9'-8"

- Table 1: Black bar, 0.8 Class C
- Table 2: Black bar, Top bar lap, 0.8 Class C
- Table 3: Epoxy bar, 0.8 Class C
- Table 4: Epoxy bar, Top bar lap, 0.8 Class C
- Table 5: Epoxy bar, Class C
- Table 6: Epoxy bar, Top bar top, Class C

Threaded splicer bar length = min. lap length + 1/2" + thread length

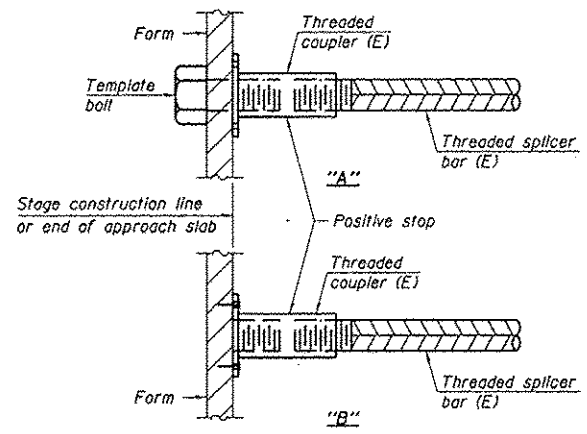
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
West Abut 0070	5	10	Table 3
East Abut 0070	5	10	Table 3
West Abut 0071	5	10	Table 3
East Abut 0071	5	10	Table 3
West Hatch 0070	6	4	Table 3
East Hatch 0070	6	4	Table 3
West Hatch 0071	6	4	Table 3
East Hatch 0071	6	4	Table 3



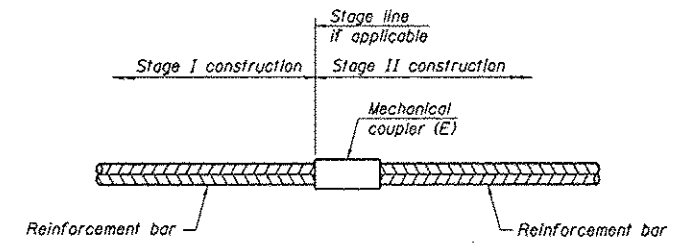
BAR SPLICER ASSEMBLY FOR #5 BAR ON INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

No. required =



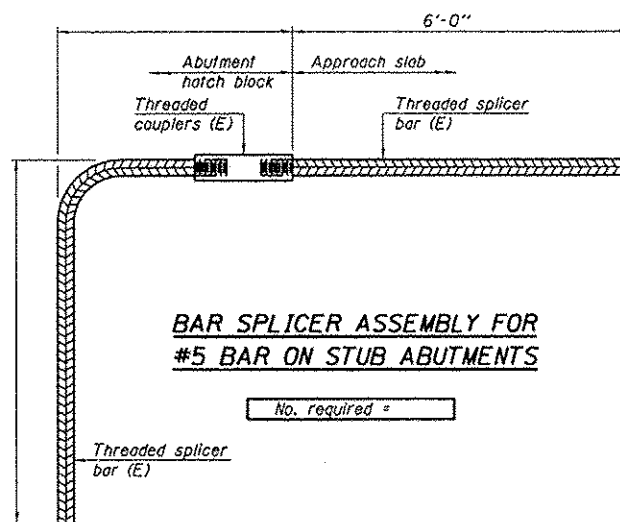
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

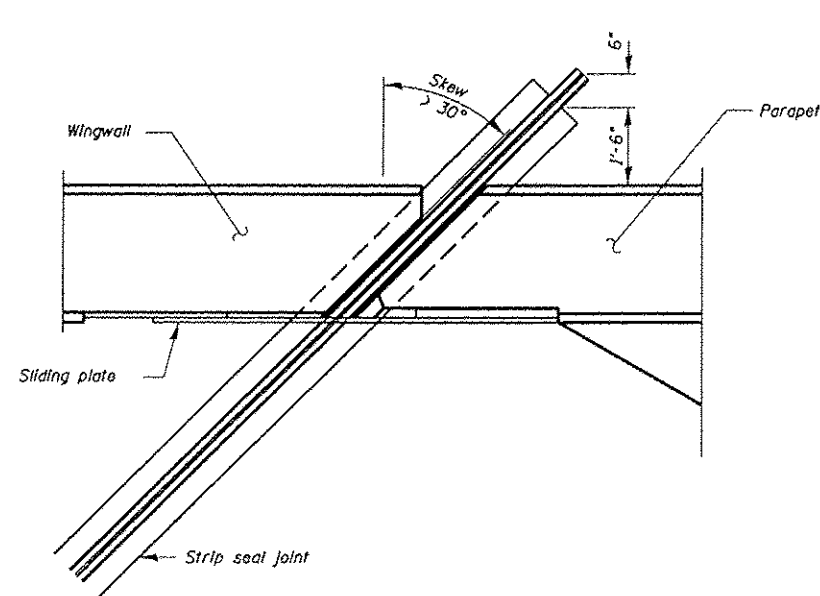
NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BAR SPLICER ASSEMBLY DETAILS

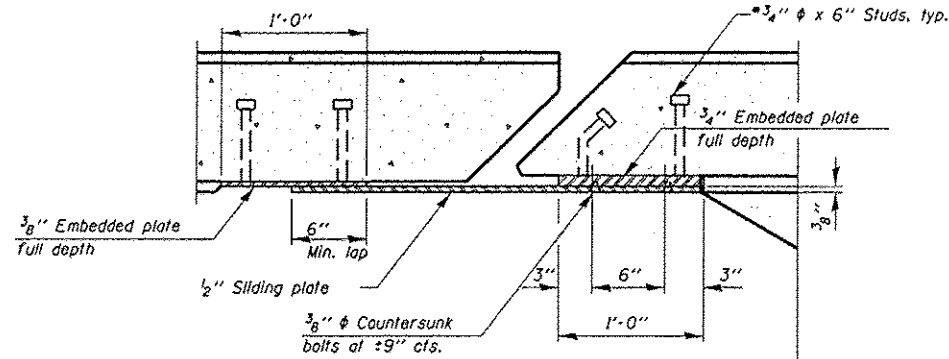
SN 041-0070 EB
SN 041-0071 WB

BSD-1 1-27-12

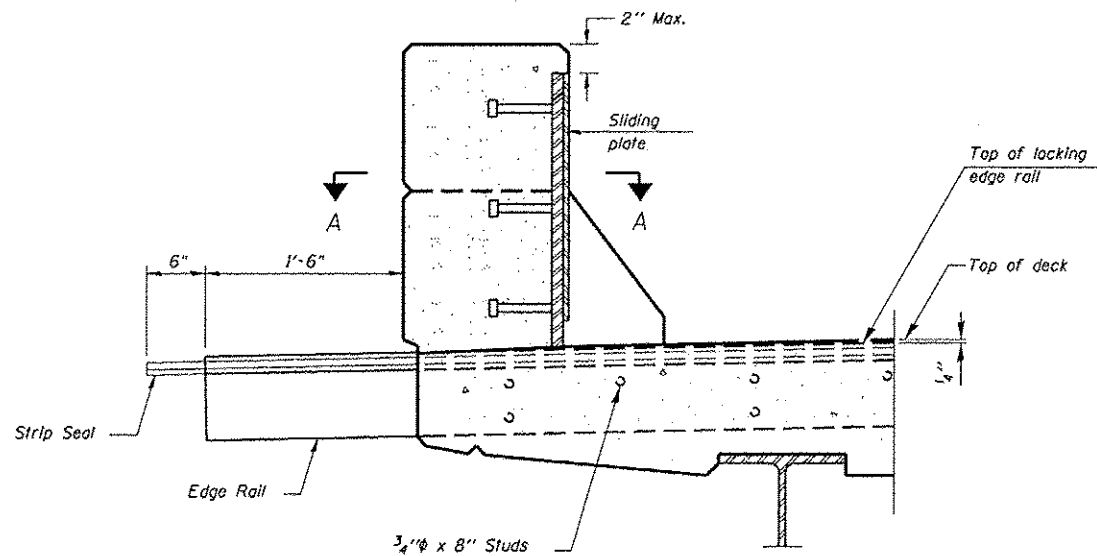


PLAN

(For skews > 30°)
Showing point block

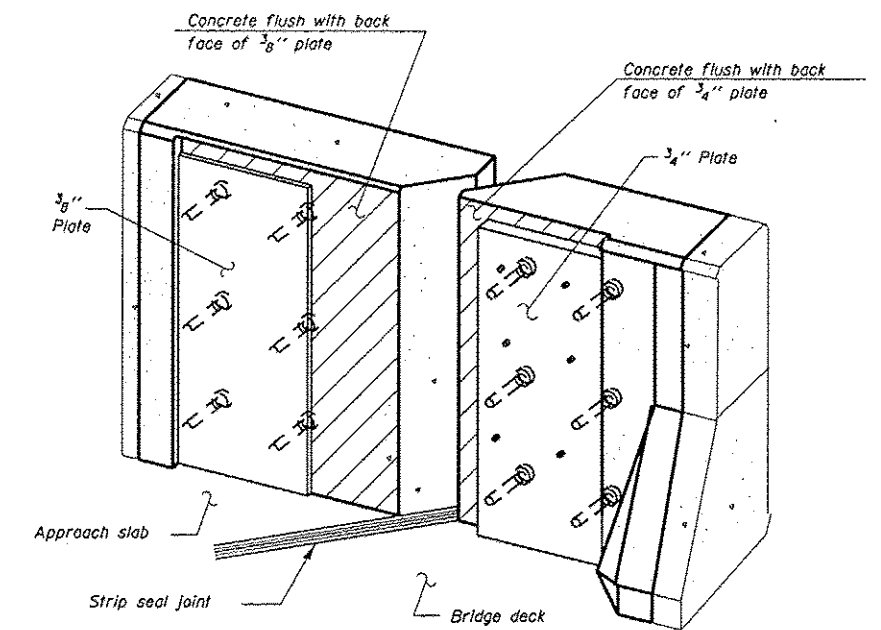


SECTION A-A



SECTION THRU PARAPET

Dimensions at right angles to face of parapet



TRIMETRIC VIEW

(Showing back plates only)

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The Locking Edge Rails depicted are conceptual only, except for the minimum dimensions shown. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities.

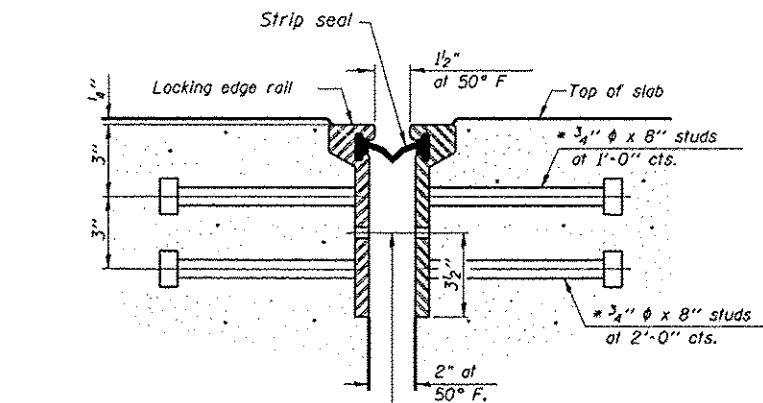
The manufacturer's recommended installation methods shall be followed.

The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications. Maximum space between rail segments shall be 3/16", sealed with a suitable sealant. Joints in rails within 10 ft. of curbs shall be welded.

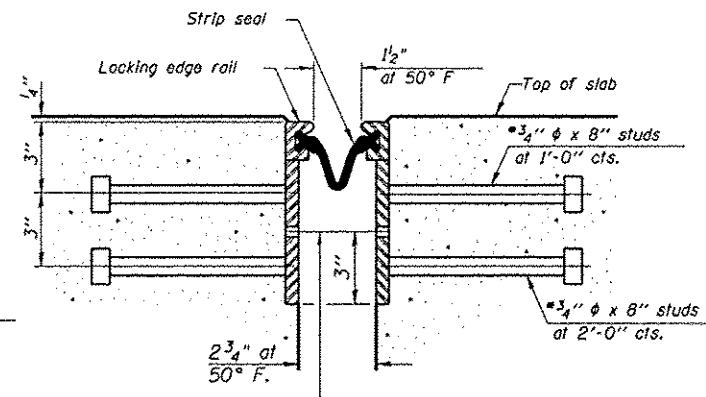
Parapet plates and anchorage studs for skews > 30° included in the cost of Preformed Joint Strip Seal.

Preformed Joint Strip Seal is measured as rail length.



SECTION THRU ROLLED RAIL JOINT

7/16" ϕ holes at 4'-0" cts. for 3/8" ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.



SECTION THRU WELDED RAIL JOINT

7/16" ϕ holes at 4'-0" cts. for 3/8" ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

ROLLED EXTRUDED RAIL

WELDED RAIL

LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue.

Roller rail shown, welded rail similar.

LOCKING EDGE RAILS

BILL OF MATERIAL

Item	Unit	Quantity
Preformed Joint Strip Seal	Foot	224

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL DETAILS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64		JEFFERSON	12	10
CONTRACT NO. 78371				

FILE NAME	USER NAME	DESIGNED	REVISED
c:\pwork\avidot\adamsam\037916217837	MSURR	-	-
	shc-plan.dgn	DRAWN	REVISED
		CHECKED	REVISED
		DATE	REVISED

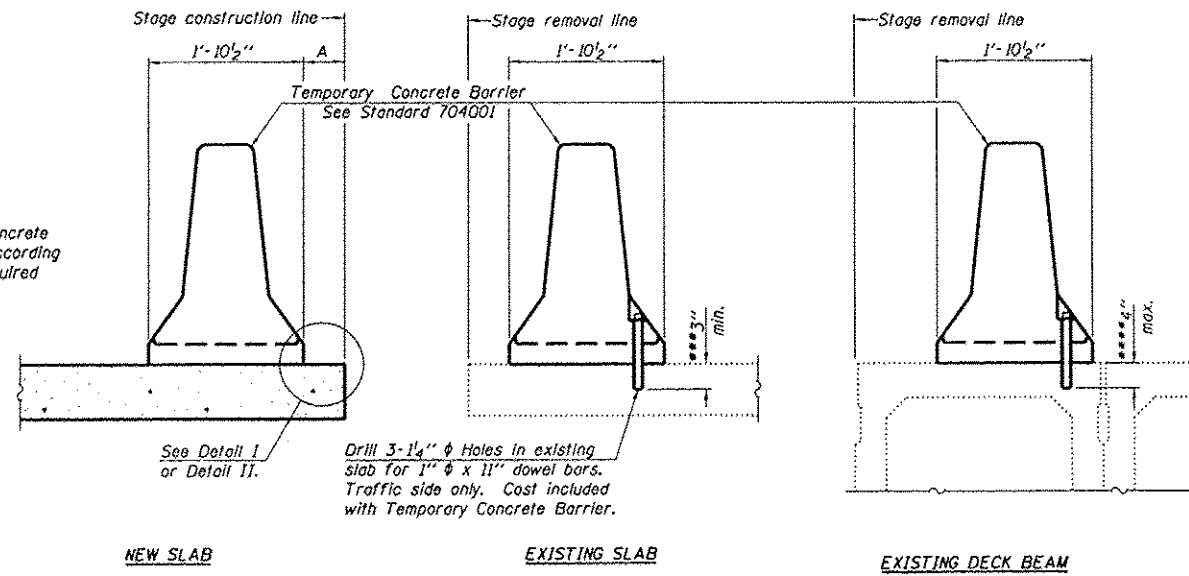
SCALE: SHEET OF SHEETS STA. TO STA.

NOTES

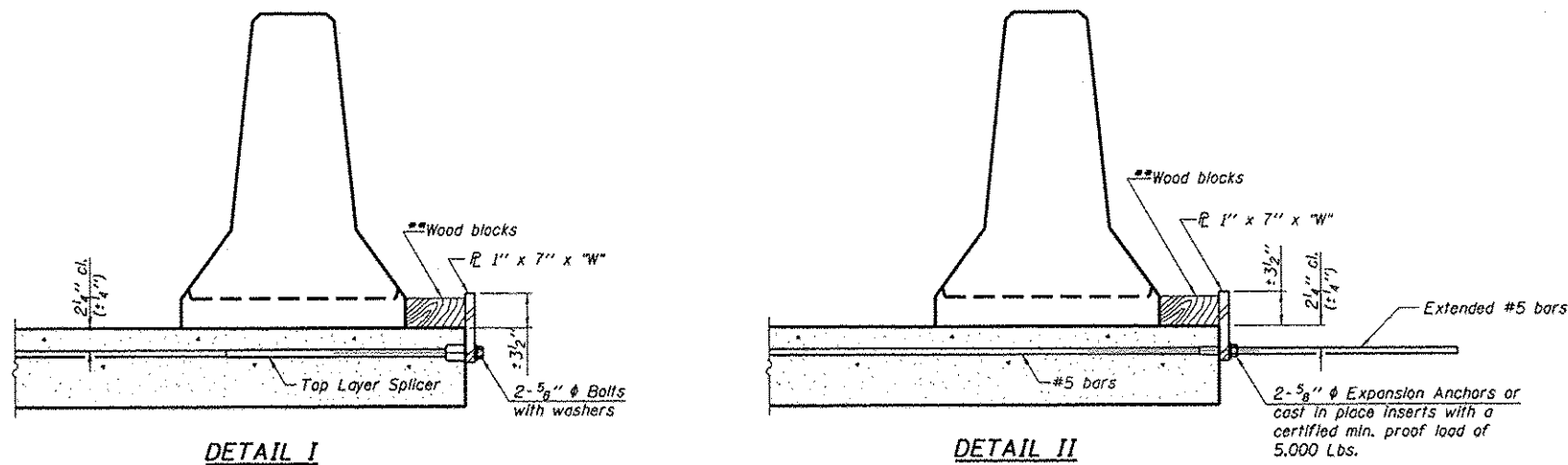
- Detail I - With Bar Splicer or Couplers:
Connect one (1) 1" x 7" x "W" steel \bar{c} to the top layer of couplers with 2-5/8" ϕ bolts screwed to coupler at approximate \bar{c} of each barrier panel.
- Detail II - With Extended Reinforcement Bars:
Connect one (1) 1" x 7" x "W" steel \bar{c} to the concrete slab or concrete wearing surface with 2-5/8" ϕ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate \bar{c} of each barrier panel.
- Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 7" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

- *** Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.
- **** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".

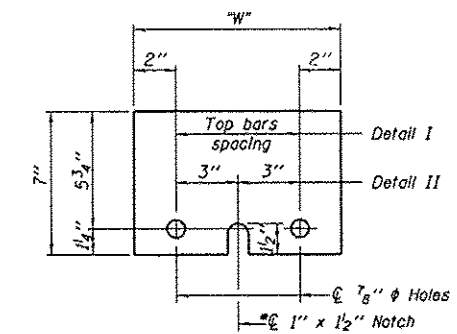


SECTIONS THRU SLAB OR DECK BEAM



•• Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

"W" = Top bars spacing + 4"



STEEL RETAINER \bar{c} 1" x 7" x "W"

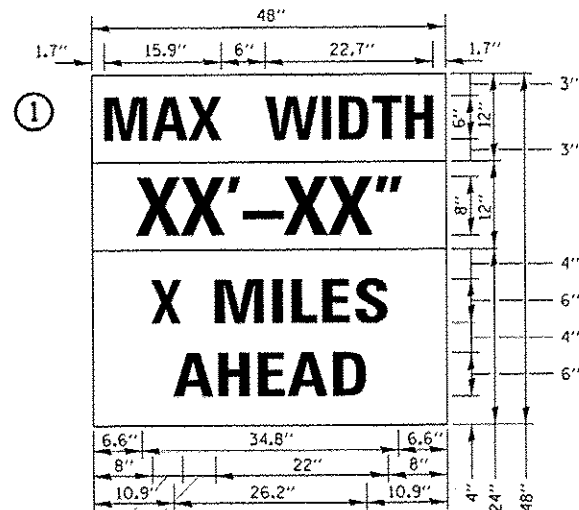
* Required only with Detail II

R-27 7-1-10

**TEMPORARY CONCRETE BARRIER
FOR STAGE CONSTRUCTION
SN 041-0070 & 041-0071**

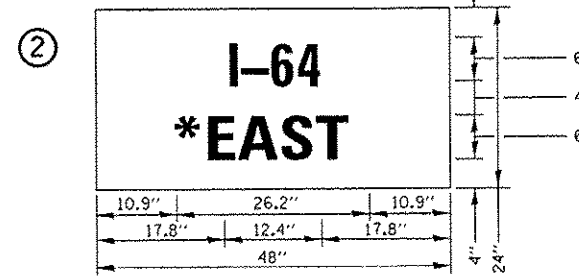
FILE NAME *	USER NAME * #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pvidot\adamsen\d0379162\7837	shs:plandgn	DRAWN -	REVISED -					64	.	JEFFERSON	12	11
#MODELNAME#	PLOT SCALE * 100.0000 / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 78371				
	PLOT DATE * 4/14/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

SIGN LEGEND



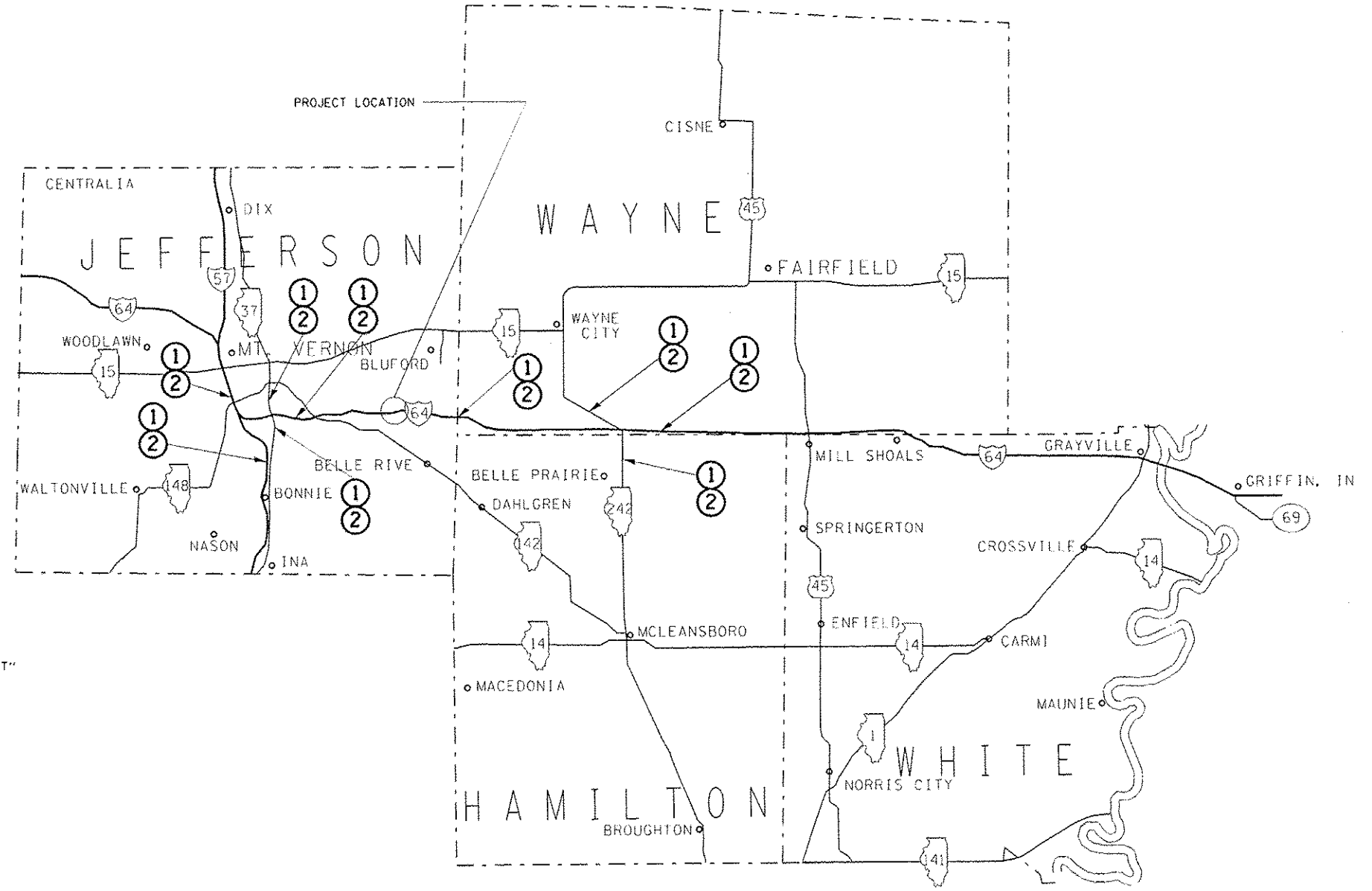
W12-1103

W12-1103 (WIDTH IS 80);
 NO BORDER, BLACK ON WHITE;
 "MAX WIDTH" D;
 NO BORDER, BLACK ON ORANGE;
 "XX'-XX'" D;
 NO BORDER, BLACK ON WHITE;
 "X MILES" D; "AHEAD" D



NO BORDER, BLACK ON WHITE;
 "I-64" D;
 NO BORDER, BLACK ON WHITE;
 "EAST" D

• FOR WESTBOUND REPLACE "EAST" WITH "WEST"



WIDE LOAD NOTES:

1. THE CONTRACTOR SHALL FURNISH ALL MATERIALS REQUIRED AND ERECT THE SIGNS AT THE LOCATIONS AS DIRECTED BY THE ENGINEER. ALL SIGNS SHALL BE POST MOUNTED. COST OF WIDE LOAD SIGNING INCLUDED IN THE COST OF TRAFFIC CONTROL & PROTECTION STANDARD 701402.
2. THE WIDTH SHOWN ON THE W12-1103 SIGN SHALL BE 14'-10" FOR STAGE I AND 15'-4" FOR STAGE II OR AS DIRECTED BY THE ENGINEER. THE "X" MILES AHEAD WILL BE DETERMINED BY THE ENGINEER.

FILE NAME -	USER NAME - MUSER4	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WIDE LOAD SIGNING PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
64		JEFFERSON	12					12							
CONTRACT NO. 78371								ILLINOIS FED. AID PROJECT							
SCALE:	SHEET	OF	SHEETS					STA.	TO STA.						
• D9 CM BRIDGE REPAIR 2014-2															