

03-04-2016 LETTING ITEM 019

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 669 (IL 8 / IL 116)
SECTION (103B)I-7

PROJECT NO. ACNHPP-0669 (037)
TYPE OF IMPROVEMENT: BRIDGE REPAIRS
PEORIA / TAZEWELL COUNTIES

C-94-062-12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	1

(*) PEORIA / TAZEWELL

D-94-039-12 * 180+8 = 188 TOTAL SHEETS



INDEX OF SHEETS
SEE SHEET 2 FOR "INDEX OF SHEETS"

HIGHWAY STANDARDS
SEE SHEET 2 FOR "HIGHWAY STANDARDS"

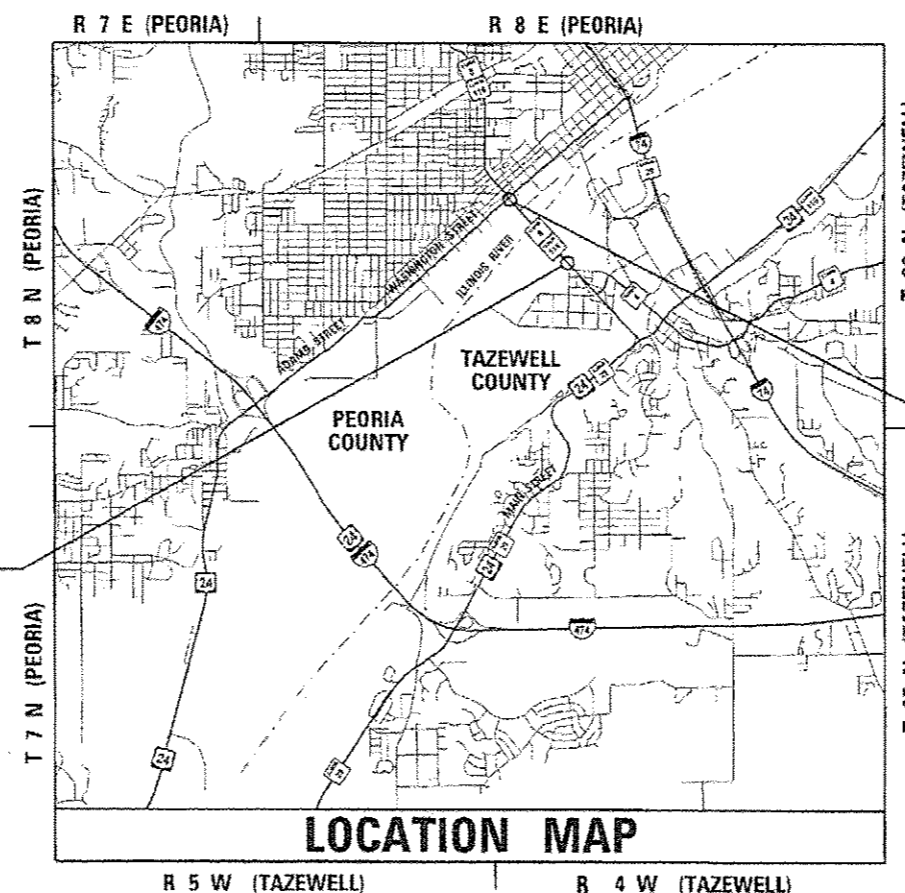
TOWNSHIP: WEST PEORIA / FON DU LAC
SECTIONS: 16 / 30 & 32

DESCRIPTION OF IMPROVEMENT
IMPROVEMENTS CONSIST OF STEEL TRUSS REPAIRS, EXPANSION JOINT REPLACEMENT, PARAPET REPAIRS, AND OTHER MISCELLANEOUS REPAIRS
TO: STRUCTURE NO: 090-0030

PREPARED BY:

#4 SUNSET HILLS PROFESSIONAL CENTER, EDWARDSVILLE, IL 62025
PHONE (618) 659-9102
PROJECT MANAGER: RACHEL L. MERTZ, P.E.
www.modjeski.com

2351 SOUTH DIRKSEN PARKWAY
SPRINGFIELD, ILLINOIS 62703
(217) 670-0563 (P) / 217-679-2204 (F)
PROJECT MANAGER: MICHAEL C. VAIL, P.E.
www.quiggengineering.com



LOCATION MAP

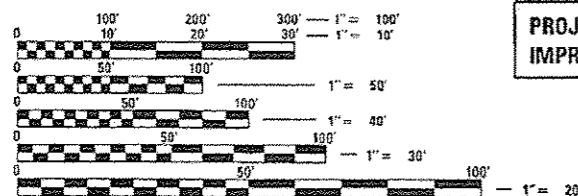
APPROXIMATE SCALE: 1" = 0.75 MILES

PROJECT LENGTH

IMPROVEMENT LENGTH = 5,506.42 FEET = 1.043 MILES
PROJECT LENGTH = 8,833.12 FEET = 1.673 MILES

PROJECT BEGINS: STA 97+37.00
IMPROVEMENT BEGINS: STA 0+12.08
(WEST ABUTMENT S.N. 090-0030)
STATION EQUATION:
STA 111+27.12 BK = STA 0+00.00 AH

DESIGN DESIGNATION
IL 8 / IL 116: 12,400(600)
OTHER PRINCIPAL ARTERIAL



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.

CALL (JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS)
48 Hours (2 working days) Before You Dig.
TOLL FREE: 1 (800) 892-0123 OR 311

PROJECT ENGINEER: CHRISTOPHER MAUSHARD (309) 671-3453

CATALOG NO. 034778-00D

CONTRACT NO. 68A93



Michael C. Vail 10/5/2015
MICHAEL C. VAIL ILLINOIS P.E. 062.049256 DATE
EXPIRES 11/30/2015

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED *October 13, 2015*
Brandon Jones
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Dec 4 2015
John D. Baranzelli P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
Dec 4 2015
Omer Osman P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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* INCLUDES 179A

IDOT HIGHWAY STANDARDS

STD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420701-02	PAVEMENT FABRIC
606301-04	PC CONCRETE ISLANDS AND MEDIANS
635001-01	DELINEATORS
664001-02	CHAIN LINK FENCE
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701101-04	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701421-07	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-07	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701451-03	RAMP CLOSURE FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-04	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720021-02	SIGN PANELS, EXTRUDED ALUMINUM TYPE
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

812001 RACEWAY EMBEDDED IN STRUCTURE
 821101-01 LUMINAIRE WIRING DIAGRAM
 830006-03 LIGHT POLE ALUMINUM DAVIT ARM

REV.

(*) PEORIA / TAZEWELL

FILE NAME: S:\Projects\2015\JOBS\15IL024-03\DEI\180A-180G\Cedar St Bridge\15IL024-03-Index.dgn
 MODEL DRIVER: 15IL024-03-Index.dgn
 PLOT DATE: 10/02/2015



QUIGG ENGINEERING INC.

USER NAME: rgoertz	DESIGNED: RG	REVISED:
D:\68A93-shr-Index.dgn	DRAWN: RG	REVISED:
PLOT SCALE: 48.0000' / in.	CHECKED: MCV	REVISED:
PLOT DATE: 10/02/2015	DATE: 10/02/2015	REVISED:

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS AND IDOT HIGHWAY STANDARDS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	1103B1-7	(*)	180	2
CONTRACT NO. 68A93			ILLINOIS FED. AID PROJECT	

DISTRICT GENERAL NOTES

AVAILABILITY OF ELECTRONIC FILES

MICROSTATION FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

PROPERTY OWNER ACCESS REQUIREMENT

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

CRITICAL PATH WORK SCHEDULE REQUIREMENT

THE CONTRACTOR WILL SUBMIT TO THE ENGINEER A SATISFACTORY PROGRESS SCHEDULE AND CRITICAL PATH SCHEDULE WHICH SHALL SHOW THE PROPOSED SEQUENCE OF WORK AT THE TIME OF THE PRE-CONSTRUCTION CONFERENCE.

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (CULTURAL AND NATURAL RESOURCES REVIEW OF BORROW AREAS)
- BDE FORM 2290 (WASTE/USE AREA REVIEW)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FORM - D4 P101D1

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS SHALL BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED WASTE SITE ENVIRONMENTAL CLEARANCES AND SIX WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES.

ENGINEER'S FIELD OFFICE

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02 (I) AND 670.04 (E): ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

SIGNING

SIGN LOCATIONS MAY VARY FROM THE STATIONS SHOWN ON THE PLANS IN ACCORDANCE WITH DIRECTIONS FROM THE ENGINEER AT THE TIME OF CONSTRUCTION. SIGN LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID ANY FOUND UTILITIES.

ALL WOOD POST LOCATIONS SHALL BE VERIFIED WITH THE BUREAU OF OPERATIONS, TRAFFIC SECTION, BEFORE INSTALLATION.

PROJECT SPECIFIC GENERAL NOTES

- EXISTING STRUCTURE PLANS ARE AVAILABLE FOR REVIEW IN THE DISTRICT OFFICE. CONTACT CHRISTOPHER MAUSHARD AT (309) 671-3453.
- PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO VARIATIONS FOUND IN THE FIELD. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING MATERIALS. ANY ADJUSTMENTS PROPOSED BY THE CONTRACTOR MUST BE APPROVED BY THE ENGINEER. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE.
- PRIOR TO WINTER SHUTDOWN THE FOLLOWING STEPS SHALL BE TAKEN:
 - ALL LANES SHALL BE REOPENED TO TRAFFIC.
 - TEMPORARY OR PERMANENT PAVEMENT MARKING SHALL BE PLACED AS APPLICABLE.
 - ALL TEMPORARY CONCRETE BARRIER SHALL BE REMOVED FROM BRIDGE DECK.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING BY CALLING J.U.L.I.E. AND BY NOTIFYING NON-J.U.L.I.E. MEMBERS INDIVIDUALLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

COORDINATION

SEE SPECIAL PROVISIONS FOR UNITED STATES COAST GUARD (U.S.C.G.) REQUIREMENTS

U.S.C.G. CONTACT:

MR. PETER J. SAMBOR, M.P.A.
U.S.C.G. BRIDGE MANAGEMENT SPECIALIST
COAST GUARD 8TH DISTRICT
1222 SPRUCE STREET, SUITE 2.107F
ST. LOUIS, MISSOURI 63103
PHONE: (314) 269-2380
U.S.C.G. 24-HOUR WATCH CENTER: (314) 269-2332

SEE SPECIAL PROVISIONS FOR BURLINGTON NORTHERN SANTA FE RAILROAD (B.N.S.F.) REQUIREMENTS

B.N.S.F. CONTACT:

MR. CALVIN NUTT
MANAGER OF PUBLIC PROJECTS
BNSF RAILWAY COMPANY
80 44TH AVENUE NE
MINNEAPOLIS, MINNESOTA 55421
PHONE: (763) 782-3495

SEE SPECIAL PROVISIONS FOR TAZEWELL AND PEORIA RAILROAD (T.Z.P.R.) REQUIREMENTS

T.Z.P.R. CONTACT (FLAGGING):

MR. JOSHUA THOMAS
ROADMASTER
TAZEWELL AND PEORIA RAILROAD
301 WESLEY ROAD
CREVE COEUR, ILLINOIS 61610
PHONE: (309) 303-9404

T.Z.P.R. CONTACT (PERMITS):

MS. DONNA KILLINGSWORTH, M.B.A.
REAL ESTATE MANAGER
GENESEE & WYOMING RAILROAD SERVICES, INC.
13901 SUTTON PARK DRIVE SOUTH, SUITE 160
JACKSONVILLE, FLORIDA 32224
PHONE: (904) 900-6286

CATERPILLAR CONTACT:

MS. LAMIA SMITH
100 NORTHEAST ADAMS STREET, AH9320
PEORIA, ILLINOIS 61629
PHONE: (309) 578-4157

A.D.M. CONTACT:

MR. MARK REZNICK
1 EDMUND STREET
PEORIA, ILLINOIS 61602
PHONE: (309) 673-7828

STATUS OF UTILITIES				
TYPE	UTILITY	CONTACT	FACILITIES	STATUS
TELEPHONE	AT&T	MR. NATHAN GJOTA AT&T ILLINOIS MGR OSP PLANNING & ENGINEERING PEORIA, IL 309-686-3333	YES	NO CONFLICT
WATER	ILLINOIS AMERICAN WATER	100 E. LORENTZ AVE PEORIA, IL 61614 309-566-0700	YES	CAUTION-POTENTIAL CONFLICT
STORM SEWER & WATER	CITY OF EAST PEORIA	2232 E. WASHINGTON ST. EAST PEORIA, IL 61611 309-699-4716	NO	NO CONFLICT
COMMUNICATIONS	WINDSTREAM (PAETEC)	739 S. 5TH ST SPRINGFIELD, IL 62703 217-241-9866	NO	NO CONFLICT
SANITARY SEWER	GREATER PEORIA SANITARY DISTRICT	2322 S. DARST ST PEORIA, IL 61607 309-637-3511	NO	NO CONFLICT
GAS & ELECTRIC	AMEREN	MR. KENT KOWALSKA 300 LIBERTY ST PEORIA, IL 61602 309-677-5271	YES - GAS NO - ELECTRIC	GAS - POTENTIAL CONFLICT ELECTRIC - NO CONFLICT
COMMUNICATIONS	COMCAST	3517 N DRIES LN PEORIA, IL 61604 866-594-1234	NO	NO CONFLICT
COMMUNICATIONS	STRATUS NETWORK	MR. JOE HUFFMAN OSP DIRECTOR 4700 N PROSPECT RD PEORIA HEIGHTS, IL 61616 309-222-2880	NO	NO CONFLICT

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

A COPY OF THE COMMITMENTS INCURRED FOR THIS PROJECT WILL BE PROVIDED AT THE PRECONSTRUCTION MEETING.

FILE NAME : S:\Projects\2815 JOB\515151\B04.09 0E1 P18 168-17 04 Cadwin 5x 8r.dgn\1000\1000 Sheets\046893.dgn
 USER : D:\Users\p181864\p181864
 PLOT DRIVER : P181864.PDF



QUIGG ENGINEERING INC

USER NAME : rgoertz	DESIGNED - RG	REVISED -
046893.dgn	DRAWN - RG	REVISED -
PLOT SCALE : 40.0000 / in.	CHECKED - MCV	REVISED -
PLOT DATE : 10/09/2015	DATE - 10/02/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND COMMITMENTS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)-7	(*)	180	3
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FEDERAL 20% STATE ROADWAY		80% FEDERAL 20% STATE BRIDGE	
				0004		0014	
				URBAN		S. N. 090-0030	
				PEORIA COUNTY (072)	TAZEWELL COUNTY (090)	PEORIA COUNTY (072)	TAZEWELL COUNTY (090)
20300100	CHANNEL EXCAVATION	CU YD	439				439
28100811	STONE DUMPED RIPRAP, CLASS A6	TON	835				835
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	1,088		1,088		
44000100	PAVEMENT REMOVAL	SQ YD	340		340		
44001980	CONCRETE BARRIER REMOVAL	FOOT	768		768		
44003100	MEDIAN REMOVAL	SQ FT	9,909		9,909		
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	65		65		
44213204	TIE BARS 3/4"	EACH	524		524		
50102400	CONCRETE REMOVAL	CU YD	148.4				148.4
50157300	PROTECTIVE SHIELD	SQ YD	7,614				7614
50200100	STRUCTURE EXCAVATION	CU YD	345				345
50300225	CONCRETE STRUCTURES	CU YD	317.8				317.8
50300255	CONCRETE SUPERSTRUCTURE	CU YD	147.1				147.1
50300260	BRIDGE DECK GROOVING	SQ YD	276				276

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FEDERAL 20% STATE ROADWAY		80% FEDERAL 20% STATE BRIDGE	
				0004		0014	
				URBAN		S. N. 090-0030	
				PEORIA COUNTY (072)	TAZEWELL COUNTY (090)	PEORIA COUNTY (072)	TAZEWELL COUNTY (090)
50300300	PROTECTIVE COAT	SQ YD	541				541
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1				1
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	144,558		43,558		101,000
50800515	BAR SPLICERS	EACH	236				236
52000110	PREFORMED JOINT STRIP SEAL	FOOT	1,178				1178
52000600	FABRIC REINFORCED ELASTOMERIC TROUGH	FOOT	52				52
52100520	ANCHOR BOLTS, 1"	EACH	8				8
58700300	CONCRETE SEALER	SQ FT	19,513				19,513
59000200	EPOXY CRACK INJECTION	FOOT	214		142		72
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	5,622		5,622		
63700160	CONCRETE BARRIER, SINGLE FACE, 34 INCH HEIGHT	FOOT	768		768		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	570				570
63700900	CONCRETE BARRIER BASE	FOOT	694		694		
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1				1
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4				4
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1				1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	16	8	8		

* SPECIALTY
ITEM



USER NAME *	DESIGNED - RLM	REVISED
PLOT SCALE *	DRAWN - PRC	REVISED
PLOT DATE *	CHECKED - RLM	REVISED
	DATE - 11/9/2015	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)1-7	PEORIA/TAZEWELL	180	5
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS | STA. TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FEDERAL 20% STATE ROADWAY		80% FEDERAL 20% STATE BRIDGE	
				0004		0014	
				URBAN		S. N. 090-0030	
				PEORIA COUNTY (072)	TAZEWELL COUNTY (090)	PEORIA COUNTY (072)	TAZEWELL COUNTY (090)
67100100	MOBILIZATION	L SUM	1	0.5	0.5		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	5	15		
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	17,250.9	4,579.6	12,671.3		
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SO FT	47	47			
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	61,310	20,387.6	40,922.4		
70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	71	71			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	27,765	8,845	18,920		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	3,225.0	399.0	2826.0		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	8,062.5	4166.3	3896.2		
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	1	1		
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1			
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1			
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	5	1	4		
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	32	32			

* SPECIALTY
ITEM



USER NAME *	DESIGNED - RLM	REVISED
PLOT SCALE *	DRAWN - PRC	REVISED
PLOT DATE * 11/09/2015	CHECKED - RLM	REVISED
	DATE - 11/9/2015	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(038)-7	PEORIA/TAZEWELL	180	6
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FEDERAL 20% STATE ROADWAY		80% FEDERAL 20% STATE BRIDGE	
				0004 URBAN		0014	
				S. N. 090-0030			
				PEORIA COUNTY (072)	TAZEWELL COUNTY (090)	PEORIA COUNTY (072)	TAZEWELL COUNTY (090)
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	32.523	9.098	23.425		
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	4.253	1.307	2.946		
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	1.742	100	1.642		
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	36		36		
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	120	120			
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	333	124	209		
* B1200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA, PVC	FT	420				420
* 83003200	LIGHT POLE, ALUMINUM, 45 FT. M.H., 6 FT. DAVIT ARM	EACH	1				1
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	4				4
* 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	1				1
X0325088	PLACEMENT OF CEMENT GROUT	CU FT	40				40
X0325748	ACRYLIC COATING	SQ YD	6.806		698		6108
X0326275	RAILROAD RIGHT OF WAY ENTRY PERMIT	EACH	2	2			
X0326382	CONCRETE BARRIER BASE (SPECIAL)	FOOT	74		74		
* X1400113	LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH	17				17
X6640585	CHAIN LINK FENCE, ATTACHED TO STRUCTURE, SPECIAL	FOOT	74		74		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5		

* SPECIALTY ITEM



USER NAME *	DESIGNED - RLM	REVISED
PLOT SCALE *	DRAWN - PRC	REVISED
PLOT DATE * 11/9/2015	CHECKED - RLM	REVISED
	DATE - 11/9/2015	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)1-7	PEORIA/TAZEWELL	180	7
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FEDERAL 20% STATE ROADWAY		80% FEDERAL 20% STATE BRIDGE	
				0004		0014	
				URBAN		S. N. 090-0030	
				PEORIA COUNTY (072)	TAZEWELL COUNTY (090)	PEORIA COUNTY (072)	TAZEWELL COUNTY (090)
				X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	156
* X8260110	NAVIGATION LIGHTING SYSTEM	L SUM	1				1
Z0001904	STRUCTURAL STEEL REMOVAL	L SUM	1				1
Z0001905	STRUCTURAL STEEL REPAIR	POUND	40,780				40,780
Z0006710	BRIDGE DRAINAGE SYSTEM REPAIR	EACH	10				10
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1				1
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1				1
D Z0010605	CLEANING DRAINAGE SYSTEM	L SUM	1				1
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	1,035		97		938
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	22		22		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5		
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	34				34
Z0016702	DETOUR SIGNING	L SUM	1	0.2	0.8		
Z0018800	DRAINAGE SYSTEM	L SUM	1			1	

* SPECIALTY ITEM
 □ NON - PART. (100% STATE)



USER NAME *	DESIGNED - RLM	REVISED
PLOT SCALE #	DRAWN - PRC	REVISED
PLOT DATE # 11/29/2015	CHECKED - RLM	REVISED
	DATE - 11/9/2015	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
659	(103B1)-7	PEORIA/TAZEWELL	180	6
CONTRACT NO. 68A93				

ILLINOIS FED. AID PROJECT

PAY ITEM NAME						UNIT	FINAL QUANTITY
PORTLAND CEMENT CONCRETE BASE COURSE 10"						SO YD	1,088
STA	STA	OFFSET	LENGTH	AVG WIDTH	SO FT	SO YD	
PRE-STAGE 1							
44+23.60	55+11.50	CENTERLINE	1,087.9	9.0	9,791.1	1,087.9	
TOTAL							1,087.9

PAY ITEM NAME						UNIT	FINAL QUANTITY
MEDIAN REMOVAL						SO FT	9,909
STA	STA	OFFSET	LENGTH	AVG WIDTH	SO FT	SO FT	
PRE-STAGE 1							
44+17.60	55+18.50	CENTERLINE	1,100.9	9.0	9,908.1		
TOTAL							9,908.1

PAY ITEM NAME						UNIT	FINAL QUANTITY
MEDIAN REMOVAL PARTIAL DEPTH						SO FT	65
STA	STA	LOCATION	LENGTH	WIDTH	SO FT	SO FT	
POST STAGE 4							
44+17.60	44+23.60	NOSE	6.0	5.0	30.0		
55+11.50	55+18.50	NOSE	7.0	5.0	35.0		
TOTAL							65.0

PAY ITEM NAME						UNIT	FINAL QUANTITY
CONCRETE MEDIAN, TYPE SB-6.24						SO FT	5,622
STA	STA	LOCATION	LENGTH	WIDTH	SO FT	SO FT	
PRE STAGE 1							
44+17.60	44+23.60	NOSE	6.0	9.0	54.0		
55+11.50	55+18.50	NOSE	7.0	9.0	63.0		
POST STAGE 4							
44+17.60	55+18.50	CENTERLINE	1,100.9	5.0	5,504.5		
TOTAL							5,621.5

PAY ITEM NAME		UNIT	FINAL QUANTITY
ENGINEER'S FIELD OFFICE, TYPE A		CAL MO	16
LOCATION		CAL MO	
JOB SITE		16	
TOTAL			16

PAY ITEM NAME		UNIT	FINAL QUANTITY
MOBILIZATION		L SUM	1
LOCATION		L SUM	
JOB SITE		1	
TOTAL			1

PAY ITEM NAME										UNIT	FINAL QUANTITY
TRAFFIC CONTROL SURVEILLANCE										CAL DA	20
MONDAY-FRIDAY					SATURDAY-SUNDAY						
A	B	C	D	E	F	G	H	I			
HR/DAY	DAY/WEEK	HR/DAY	DAY/WEEK	WEEK/MO	CAL MO	STAGE	HR/DAY	REMARKS		CAL DA	
15	5	24	2	4	0.50	PRE 1	24			10.3	
15	5	24	2	4	0.00	1	24	DROP OFF PROTECTED		0.0	
15	5	24	2	4	0.00	2	24	DROP OFF PROTECTED		0.0	
15	5	24	2	4	0.00	3	24	DROP OFF PROTECTED		0.0	
15	5	24	2	4	0.00	4	24	DROP OFF PROTECTED		0.0	
15	5	24	2	4	0.00	POST 4	24	NO DROP OFF		0.0	
$(((A \cdot B) + (C \cdot D)) \cdot E \cdot F) / H =$										TOTAL	10.3

PAY ITEM NAME						UNIT	FINAL QUANTITY
PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS						SO FT	47
STA	LT / RT	DESCRIPTION	COLOR	ARROW	SO FT	SO FT	
STAGE 2							
105+00	RT	LT ARROW	WHITE	15.6	15.6		
STAGE 3							
105+00	RT	LT ARROW	WHITE	15.6	15.6		
110+25	RT	RT ARROW	WHITE	15.6	15.6		
TOTAL							46.8

PAY ITEM NAME					UNIT	FINAL QUANTITY	
PAVEMENT MARKING BLACKOUT TAPE, 5"					FOOT	17,251	
STA	STA	LT / RT	LENGTH	TYPE	FOOT		
STAGE 1							
2+19.00	3+00.00	RT	81.0	SKIP DASH	20.3		
3+00.00	17+50.00	RT	1450.0	SKIP DASH	362.5		
7+59.00	9+49.00	LT	190.0	SKIP DASH	47.5		
7+59.00	17+50.00	CENTERLINE	991.0	DOUBLE	1,982.0		
17+50.00	32+50.00	RT	1500.0	SKIP DASH	375.0		
17+50.00	32+50.00	CENTERLINE	1500.0	DOUBLE	3,000.0		
32+50.00	39+73.00	CENTERLINE	723.0	DOUBLE	1,446.0		
39+73.00	44+18.00	RT	445.0	SOLID	445.0		
32+50.00	47+00.00	RT	1450.0	SKIP DASH	362.5		
46+28.00	47+00.00	LT	72.0	SKIP DASH	18.0		
47+00.00	48+51.00	LT	151.0	SKIP DASH	37.8		
47+00.00	56+88.00	RT	988.0	SKIP DASH	247.0		
54+90.00	61+00.00	LT	610.0	SKIP DASH	152.5		
47+97.00	50+14.00	LT	217.0	SOLID	217.0		
47+97.00	49+21.00	LT	124.0	SOLID	124.0		
61+00.00	74+43.00	LT	1343.0	SKIP DASH	335.8		
STAGE 2							
97+37.00	101+16.00	RT	379.0	SKIP DASH	94.8		
102+15.00	103+66.00	RT	151.0	SKIP DASH	37.8		
104+25.00	105+83.00	RT	158.0	SKIP DASH	39.5		
106+81.00	110+46.00	RT	365.0	SKIP DASH	91.3		
108+58.00	110+46.00	CENTERLINE	188.0	DOUBLE	376.0		
0+12.00	3+00.00	CENTERLINE	288.0	DOUBLE	576.0		
0+30.00	2+39.00	RT	209.0	SKIP DASH	52.3		
3+00.00	7+59.00	CENTERLINE	459.0	DOUBLE	918.0		
21+13.00	29+53.00	LT	840.0	SKIP DASH	210.0		
STAGE 3							
106+78.00	110+46.00	LT	368.0	SKIP DASH	92.0		
0+18.00	3+00.00	LT	282.0	SKIP DASH	70.5		
3+00.00	7+59.00	LT	459.0	SKIP DASH	114.8		
9+49.00	17+50.00	LT	801.0	SKIP DASH	200.3		
17+50.00	21+13.00	LT	363.0	SKIP DASH	90.8		
21+13.00	26+33.00	CENTERLINE	520.0	DOUBLE	1,040.0		
STAGE 4							
26+33.00	32+50.00	CENTERLINE	617.0	DOUBLE	1,234.0		
26+33.00	32+50.00	LT	617.0	SKIP DASH	154.3		
32+50.00	39+73.00	CENTERLINE	723.0	DOUBLE	1,446.0		
32+50.00	47+00.00	LT	1450.0	SKIP DASH	362.5		
45+00.00	46+60.00	RT	160.0	SKIP DASH	40.0		
46+35.00	47+00.00	RT	65.0	SOLID	65.0		
46+35.00	47+00.00	RT	65.0	SOLID	65.0		
47+00.00	47+22.00	RT	22.0	SOLID	22.0		
47+00.00	61+00.00	LT	1400.0	SKIP DASH	350.0		
54+00.00	55+17.00	RT	117.0	SKIP DASH	29.3		
61+00.00	73+23.00	LT	1223.0	SKIP DASH	305.8		
TOTAL							17,250.9

FILE NAME = S:\Projects\2015 JOBS\151L004-00 OEI PTB 168-17 D4 Cedar- St Bridge\CADD\CADD Sheets\0468A93-sht-Schedule.dgn
 MODEL = Default
 PLOT DRIVER = 151L004 PDF.plt



USER NAME = rgoertz
 D468A93-sht-Schedule.dgn
 PLOT SCALE = 100.0000' / 1in.
 PLOT DATE = 10/05/2015

DESIGNED - RG
 DRAWN - RG
 CHECKED - MCV
 DATE - 10/02/2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RFE. 669 SECTION (103B)I-7 COUNTY (+) TOTAL SHEETS 180 SHEET NO. 10 CONTRACT NO. 68A93 ILLINOIS FED. AID PROJECT

(*) PEORIA / TAZEWELL

FILE NAME = S:\Projects\2015 JOBS\151L004-00 QEI PTB 168-17 D4 Cedar - St. Bridge\CADD\CADD Sheets\0468A93-sht-Schedule.dgn
 MODEL = Default
 PLOT DRIVER = 151L004 PDF.plt

PAY ITEM NAME					UNIT	FINAL QUANTITY
PAVEMENT MARKING TAPE, TYPE IV 4"					FOOT	61,310
STA	STA	LT / RT	DESCRIPTION	COLOR	FOOT	
STAGE 1						
2+19.00	3+00.00	CENTERLINE	SOLID	YELLOW	81	
3+00.00	10+39.00	RT	SOLID	YELLOW	739	
7+59.00	10+39.00	RT	SOLID	YELLOW	280	
7+59.00	10+39.00	LT	SOLID	WHITE	280	
10+39.00	17+50.00	CENTERLINE	SOLID	WHITE	711	
10+39.00	17+50.00	RT	DOUBLE	YELLOW	1,422	
17+50.00	32+50.00	RT	DOUBLE	YELLOW	3,000	
17+50.00	32+50.00	CENTERLINE	SOLID	WHITE	1,500	
32+50.00	39+11.00	RT	DOUBLE	YELLOW	1,322	
32+50.00	39+11.00	CENTERLINE	SOLID	WHITE	661	
39+11.00	40+45.00	RT	SOLID	WHITE	134	
40+45.00	44+40.00	RT	SOLID	WHITE	395	
44+40.00	47+00.00	LT / RT	RAMP EDGE	WHITE	260	
39+11.00	40+45.00	RT	DOUBLE	YELLOW	268	
40+45.00	47+00.00	RT	DOUBLE	YELLOW	1,310	
47+00.00	49+58.00	LT	RAMP EDGE	WHITE	258	
47+40.00	50+14.00	LT / RT	RAMP EDGE	WHITE	274	
47+40.00	50+15.00	RT	SOLID	WHITE	275	
50+15.00	54+90.00	LT / RT	SOLID	WHITE	475	
54+90.00	61+00.00	LT	SOLID	WHITE	610	
47+00.00	50+28.00	RT	DOUBLE	YELLOW	656	
50+28.00	54+90.00	LT / RT	SOLID	YELLOW	462	
54+90.00	55+21.00	LT	SOLID	YELLOW	31	
50+28.00	56+88.00	RT	SOLID	YELLOW	660	
61+00.00	64+16.00	LT	SOLID	WHITE	316	
63+36.00	64+16.00	LT	RAMP EDGE	WHITE	80	
63+20.00	67+50.00	LT	RAMP EDGE	WHITE	430	
67+50.00	69+03.00	LT	SOLID	WHITE	153	
69+03.00	74+43.00	LT	SOLID	WHITE	540	
STAGE 2						
97+37.00	100+57.00	RT	SOLID	YELLOW	320	
100+57.00	101+16.00	RT	SOLID	YELLOW	59	
102+15.00		RT	SOLID	YELLOW	11	
102+15.00	103+66.00	RT	SOLID	YELLOW	151	
104+25.00	105+83.00	RT	SOLID	WHITE	158	
106+81.00		RT	SOLID	YELLOW	14	
106+81.00	109+95.00	RT	SOLID	YELLOW	314	
108+58.00	109+95.00	RT	SOLID	YELLOW	137	
109+95.00	110+46.00	RT	DOUBLE	YELLOW	102	
0+30.00	2+19.00	RT	DOUBLE	YELLOW	378	
2+19.00	3+00.00	RT	DOUBLE	YELLOW	162	
0+30.00	2+19.00	CENTERLINE	SOLID	WHITE	189	
2+19.00	3+00.00	CENTERLINE	SOLID	WHITE	81	
110+46.00	0+30.00	RT	DBL DOTTED	YELLOW	56	
3+00.00	17+50.00	RT	DOUBLE	YELLOW	2,900	
3+00.00	17+50.00	CENTERLINE	SOLID	WHITE	1,450	
17+50.00	18+33.00	RT	DOUBLE	YELLOW	166	
18+33.00	21+13.00	RT	SOLID	YELLOW	280	
18+33.00	21+13.00	RT	SOLID	WHITE	280	
17+50.00	18+22.00	CENTERLINE	SOLID	WHITE	72	
18+22.00	21+13.00	LT	SOLID	WHITE	291	
21+13.00	24+33.00	LT	SOLID	WHITE	320	
24+33.00	29+73.00	LT	SOLID	WHITE	540	
44+18.00	47+00.00	LT	SOLID	YELLOW	282	
44+18.00	47+00.00	RT	SOLID	YELLOW	282	
47+00.00	55+19.00	LT	SOLID	YELLOW	819	
STAGE 3						
0+12.00	3+00.00	LT	SOLID	WHITE	288	
2+39.00	3+00.00	RT	SOLID	WHITE	61	
3+00.00	17+50.00	LT	SOLID	WHITE	1,450	
4+77.00	7+59.00	LT	SOLID	YELLOW	282	
7+59.00	10+39.00	LT	SOLID	YELLOW	280	
4+77.00	7+59.00	CENTERLINE	SOLID	YELLOW	282	
7+59.00	10+39.00	LT	SOLID	YELLOW	280	
10+39.00	17+50.00	LT	DOUBLE	YELLOW	1,422	
3+00.00	5+59.00	RT	SOLID	WHITE	259	
5+59.00	7+59.00	RT	SOLID	WHITE	200	
7+59.00	10+39.00	RT	SOLID	WHITE	280	
10+39.00	17+50.00	CENTERLINE	SOLID	WHITE	711	
17+50.00	32+50.00	LT	SOLID	WHITE	1,500	
17+50.00	32+50.00	CENTERLINE	SOLID	WHITE	1,500	
17+50.00	32+50.00	LT	DOUBLE	YELLOW	3,000	
32+50.00	37+59.00	LT	SOLID	WHITE	509	
37+59.00	40+59.00	LT	SOLID	WHITE	300	
40+59.00	41+26.00	LT	SOLID	WHITE	67	
32+50.00	37+59.00	LT	DOUBLE	YELLOW	1,018	
37+59.00	40+59.00	LT	DOUBLE	YELLOW	600	
40+59.00	47+00.00	LT	DOUBLE	YELLOW	1,282	
32+50.00	37+59.00	CENTERLINE	SOLID	WHITE	509	
37+59.00	41+61.00	LT	SOLID	WHITE	402	

PAY ITEM NAME					UNIT	FINAL QUANTITY
PAVEMENT MARKING TAPE, TYPE IV 4"					FOOT	61,310
STA	STA	LT / RT	DESCRIPTION	COLOR	FOOT	
47+00.00	55+19.00	RT	SOLID	YELLOW	819	
STAGE 3						
97+37.00	100+57.00	RT	SOLID	YELLOW	320	
100+57.00	101+16.00	RT	SOLID	YELLOW	59	
102+15.00		RT	SOLID	YELLOW	11	
102+15.00	103+66.00	RT	SOLID	YELLOW	151	
104+25.00	105+83.00	RT	SOLID	WHITE	158	
106+78.00		LT / RT	SOLID	YELLOW	20	
106+78.00	107+24.00	RT	SOLID	YELLOW	46	
107+24.00	109+56.00	LT / RT	SOLID	YELLOW	232	
107+25.00	108+33.00	RT	DOTTED	WHITE	27	
106+78.00	109+56.00	LT	SOLID	YELLOW	278	
109+56.00	110+46.00	LT	DOUBLE	YELLOW	180	
108+33.00	109+63.00	RT	SOLID	WHITE	130	
109+63.00	110+45.00	CENTERLINE	SOLID	WHITE	82	
108+33.00	110+45.00	RT	SOLID	WHITE	212	
110+46.00	0+18.00	LT	DBL DOTTED	YELLOW	50	
0+18.00	3+00.00	LT	DOUBLE	YELLOW	564	
0+36.00	3+00.00	CENTERLINE	SOLID	WHITE	264	
111+19.00	0+36.00	RT	SOLID	WHITE	60	
3+00.00	17+50.00	LT	DOUBLE	YELLOW	2,900	
3+00.00	17+50.00	CENTERLINE	SOLID	WHITE	1,450	
17+50.00	18+33.00	LT	DOUBLE	YELLOW	166	
18+33.00	21+13.00	LT	SOLID	YELLOW	280	
21+13.00	26+53.00	LT	SOLID	YELLOW	540	
18+33.00	21+13.00	LT	SOLID	YELLOW	280	
17+50.00	18+33.00	CENTERLINE	SOLID	WHITE	83	
18+33.00	21+13.00	RT	SOLID	WHITE	280	
21+13.00	26+53.00	CENTERLINE	SOLID	YELLOW	540	
44+18.00	47+00.00	RT	SOLID	YELLOW	282	
44+18.00	47+00.00	LT	SOLID	YELLOW	282	
47+00.00	55+19.00	LT	SOLID	YELLOW	819	
47+00.00	55+19.00	RT	SOLID	YELLOW	819	
STAGE 4						
0+12.00	3+00.00	LT	SOLID	WHITE	288	
2+39.00	3+00.00	RT	SOLID	WHITE	61	
3+00.00	17+50.00	LT	SOLID	WHITE	1,450	
4+77.00	7+59.00	LT	SOLID	YELLOW	282	
7+59.00	10+39.00	LT	SOLID	YELLOW	280	
4+77.00	7+59.00	CENTERLINE	SOLID	YELLOW	282	
7+59.00	10+39.00	LT	SOLID	YELLOW	280	
10+39.00	17+50.00	LT	DOUBLE	YELLOW	1,422	
3+00.00	5+59.00	RT	SOLID	WHITE	259	
5+59.00	7+59.00	RT	SOLID	WHITE	200	
7+59.00	10+39.00	RT	SOLID	WHITE	280	
10+39.00	17+50.00	CENTERLINE	SOLID	WHITE	711	
17+50.00	32+50.00	LT	SOLID	WHITE	1,500	
17+50.00	32+50.00	CENTERLINE	SOLID	WHITE	1,500	
17+50.00	32+50.00	LT	DOUBLE	YELLOW	3,000	
32+50.00	37+59.00	LT	SOLID	WHITE	509	
37+59.00	40+59.00	LT	SOLID	WHITE	300	
40+59.00	41+26.00	LT	SOLID	WHITE	67	
32+50.00	37+59.00	LT	DOUBLE	YELLOW	1,018	
37+59.00	40+59.00	LT	DOUBLE	YELLOW	600	
40+59.00	47+00.00	LT	DOUBLE	YELLOW	1,282	
32+50.00	37+59.00	CENTERLINE	SOLID	WHITE	509	
37+59.00	41+61.00	LT	SOLID	WHITE	402	

PAY ITEM NAME					UNIT	FINAL QUANTITY
PAVEMENT MARKING TAPE, TYPE IV 4"					FOOT	61,310
STA	STA	LT / RT	DESCRIPTION	COLOR	FOOT	
41+61.00	44+40.00	LT	SOLID	WHITE	279	
44+40.00	47+00.00	RT	RAMP EDGE	WHITE	265	
47+00.00	47+16.00	RT	RAMP EDGE	WHITE	16	
46+00.00	47+00.00	RT	RAMP EDGE	WHITE	105	
47+00.00	47+22.00	RT	RAMP EDGE	WHITE	24	
46+00.00	47+00.00	RT	SOLID	WHITE	100	
47+00.00	50+05.00	LT	SOLID	WHITE	305	
47+00.00	50+20.00	LT	DOUBLE	YELLOW	640	
50+20.00	54+80.00	LT / RT	SOLID	YELLOW	460	
54+80.00	55+18.00	RT	SOLID	YELLOW	38	
50+20.00	54+73.00	LT	SOLID	YELLOW	453	
54+73.00	61+00.00	LT	SOLID	YELLOW	627	
61+00.00	67+82.00	LT	SOLID	YELLOW	682	
67+83.00	73+23.00	LT	SOLID	YELLOW	540	
50+05.00	54+80.00	LT / RT	SOLID	WHITE	475	
54+80.00	55+18.00	RT	SOLID	WHITE	38	
TOTAL					FOOT	61,310

PAY ITEM NAME					UNIT	FINAL QUANTITY
PAVEMENT MARKING TAPE, TYPE IV 24"					FOOT	71
STA	LT / RT	DESCRIPTION	COLOR	FOOT		
STAGE 2						
110+46.00	RT	STOP LINE	WHITE	12		
0+30.00	RT	STOP LINE	WHITE	12		
STAGE 3						
110+46.00	LT	STOP LINE	WHITE	11		
0+18.00	LT	STOP LINE	WHITE	12		
STAGE 4						
0+12.00	LT	STOP LINE	WHITE	24		
TOTAL					FOOT	71



USER NAME = rgoertz
 D468A93-sht-Schedule.dgn
 PLOT SCALE = 100.0000' / 1in.
 PLOT DATE = 10/05/2015

DESIGNED - RG
 DRAWN - RG
 CHECKED - MCV
 DATE - 10/02/2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 669 SECTION (103B)I-7 COUNTY (+) TOTAL SHEETS 180 SHEET NO. 11 CONTRACT NO. 68A93 ILLINOIS FED. AID PROJECT

(*) PEORIA / TAZEWELL

FILE NAME = S:\Projects\2015 JOBS\151L004-00 QEI PTB 168-17 D4 Cedar- St Bridge\CADD\CADD Sheets\0468A93-sht-Schedule.dgn
 MODEL = Default
 PLOT DRIVER = 151L004 PDF.plt



USER NAME = rgoertz
 D468A93-sht-Schedule.dgn
 PLOT SCALE = 100.0000' / 1" = 100
 PLOT DATE = 10/05/2015

DESIGNED - RG
 DRAWN - RG
 CHECKED - MCV
 DATE - 10/02/2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET NO. OF SHEETS STA. TO STA.

SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	12
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

PAY ITEM NAME						UNIT	FINAL QUANTITY
WORK ZONE PAVEMENT MARKING REMOVAL						SO FT	27,765
STA	STA	LT / RT	QTY	TYPE	SIZE	SO FT	
STAGE 1							
2+19.00	3+00.00	CENTERLINE	81.0	SOLID	4	27.0	
3+00.00	10+39.00	RT	739.0	SOLID	4	246.3	
7+59.00	10+39.00	RT	280.0	SOLID	4	93.3	
7+59.00	10+39.00	LT	280.0	SOLID	4	93.3	
10+39.00	17+50.00	CENTERLINE	711.0	SOLID	4	237.0	
10+39.00	17+50.00	RT	711.0	DOUBLE	4	474.0	
17+50.00	32+50.00	RT	1500.0	DOUBLE	4	1,000.0	
17+50.00	32+50.00	CENTERLINE	1500.0	SOLID	4	500.0	
32+50.00	39+11.00	RT	661.0	DOUBLE	4	440.7	
32+50.00	39+11.00	CENTERLINE	661.0	SOLID	4	220.3	
39+11.00	40+45.00	RT	134.0	SOLID	4	44.7	
40+45.00	44+40.00	RT	395.0	SOLID	4	131.7	
44+40.00	47+00.00	LT / RT	260.0	RAMP EDGE	4	86.7	
39+11.00	40+45.00	RT	134.0	DOUBLE	4	89.3	
40+45.00	47+00.00	RT	655.0	DOUBLE	4	436.7	
47+00.00	49+58.00	LT	258.0	RAMP EDGE	4	86.0	
47+40.00	50+14.00	LT / RT	274.0	RAMP EDGE	4	91.3	
47+40.00	50+15.00	RT	275.0	SOLID	4	91.7	
50+15.00	54+90.00	LT / RT	475.0	SOLID	4	158.3	
54+90.00	61+00.00	LT	610.0	SOLID	4	203.3	
47+00.00	50+28.00	RT	328.0	DOUBLE	4	218.7	
50+28.00	54+90.00	LT / RT	462.0	SOLID	4	154.0	
54+90.00	55+21.00	LT	31.0	SOLID	4	10.3	
50+28.00	56+88.00	RT	660.0	SOLID	4	220.0	
61+00.00	64+16.00	LT	316.0	SOLID	4	105.3	
63+36.00	64+16.00	LT	80.0	RAMP EDGE	4	26.7	
63+20.00	67+50.00	LT	430.0	RAMP EDGE	4	143.3	
67+50.00	69+03.00	LT	153.0	SOLID	4	51.0	
69+03.00	74+43.00	LT	540.0	SOLID	4	180.0	
STAGE 1 (BLACK TAPE)							
21+13.00	32+50.00	RT	1137.0	SKIP DASH	5	118.4	
21+13.00	32+50.00	CENTERLINE	1137.0	DOUBLE	5	947.5	
32+50.00	39+73.00	CENTERLINE	723.0	DOUBLE	5	602.5	
39+73.00	44+18.00	RT	445.0	SOLID	5	185.4	
32+50.00	47+00.00	RT	1450.0	SKIP DASH	5	151.0	
46+28.00	47+00.00	LT	72.0	SKIP DASH	5	7.5	
47+00.00	48+51.00	LT	151.0	SKIP DASH	5	15.7	
47+00.00	56+88.00	RT	988.0	SKIP DASH	5	102.9	
54+90.00	61+00.00	LT	610.0	SKIP DASH	5	63.5	
47+97.00	50+14.00	LT	217.0	SOLID	5	90.4	
47+97.00	49+21.00	LT	124.0	SOLID	5	51.7	
61+00.00	74+43.00	LT	1343.0	SKIP DASH	5	139.9	
STAGE 2							
97+37.00	100+57.00	RT	320.0	SOLID	4	106.7	
100+57.00	101+16.00	RT	59.0	SOLID	4	19.7	
102+15.00		RT	11.0	SOLID	4	3.7	
102+15.00	103+66.00	RT	151.0	SOLID	4	50.3	
104+25.00	105+83.00	RT	158.0	SOLID	4	52.7	
106+81.00		RT	14.0	SOLID	4	4.7	
106+81.00	109+95.00	RT	314.0	SOLID	4	104.7	
108+58.00	109+95.00	RT	137.0	SOLID	4	45.7	
109+95.00	110+46.00	RT	51.0	DOUBLE	4	34.0	
0+30.00	2+19.00	RT	189.0	DOUBLE	4	126.0	
2+19.00	3+00.00	RT	81.0	DOUBLE	4	54.0	
0+30.00	2+19.00	CENTERLINE	189.0	SOLID	4	63.0	
2+19.00	3+00.00	CENTERLINE	81.0	SOLID	4	27.0	
110+46.00	0+30.00	RT	111.1	DBL DOTTED	4	18.5	
3+00.00	17+50.00	RT	1450.0	DOUBLE	4	966.7	
3+00.00	17+50.00	CENTERLINE	1450.0	SOLID	4	483.3	
17+50.00	18+33.00	RT	83.0	DOUBLE	4	55.3	
18+33.00	21+13.00	RT	280.0	SOLID	4	93.3	
18+33.00	21+13.00	RT	280.0	SOLID	4	93.3	
17+50.00	18+22.00	CENTERLINE	72.0	SOLID	4	24.0	
18+22.00	21+13.00	LT	291.0	SOLID	4	97.0	

PAY ITEM NAME						UNIT	FINAL QUANTITY
WORK ZONE PAVEMENT MARKING REMOVAL						SO FT	27,765
STA	STA	LT / RT	QTY	TYPE	SIZE	SO FT	
STAGE 2 (BLACK TAPE)							
0+30.00	2+39.00	RT	209.0	SKIP DASH	5	21.8	
17+50.00	21+13.00	RT	363.0	SKIP DASH	5	37.8	
26+33.00	29+53.00	LT	320.0	SKIP DASH	5	33.3	
STAGE 3							
97+37.00	100+57.00	RT	320.0	SOLID	4	106.7	
100+57.00	101+16.00	RT	59.0	SOLID	4	19.7	
102+15.00		RT	11	SOLID	4	3.7	
102+15.00	103+66.00	RT	151.0	SOLID	4	50.3	
104+25.00	105+83.00	RT	158.0	SOLID	4	52.7	
106+78.00		LT / RT	20	SOLID	4	6.7	
106+78.00	107+24.00	RT	46.0	SOLID	4	15.3	
107+24.00	109+56.00	LT / RT	232.0	SOLID	4	77.3	
107+25.00	108+33.00	RT	108.0	DOTTED	4	9.0	
106+78.00	109+56.00	LT	278.0	SOLID	4	92.7	
109+56.00	110+46.00	LT	90.0	DOUBLE	4	60.0	
108+33.00	109+62.70	RT	129.7	SOLID	4	43.2	
109+62.70	110+45.00	CENTERLINE	82.3	SOLID	4	27.4	
108+33.00	110+45.00	RT	212.0	SOLID	4	70.7	
110+46.00	0+18.00	LT	99.1	DBL DOTTED	4	16.5	
0+18.00	3+00.00	LT	282.0	DOUBLE	4	188.0	
0+36.00	3+00.00	CENTERLINE	264.0	SOLID	4	88.0	
111+18.90	0+36.00	RT	60.0	SOLID	4	20.0	
3+00.00	17+50.00	LT	1450.0	DOUBLE	4	966.7	
3+00.00	17+50.00	CENTERLINE	1450.0	SOLID	4	483.3	
17+50.00	18+33.00	LT	83.0	DOUBLE	4	55.3	
18+33.00	21+13.00	LT	280.0	SOLID	4	93.3	
21+13.00	26+53.00	LT	540.0	SOLID	4	180.0	
18+33.00	21+13.00	LT	280.0	SOLID	4	93.3	
17+50.00	18+33.00	CENTERLINE	83.0	SOLID	4	27.7	
18+33.00	21+13.00	RT	280.0	SOLID	4	93.3	
21+13.00	26+53.00	CENTERLINE	540.0	SOLID	4	180.0	
44+18.00	47+00.00	RT	282.0	SOLID	4	94.0	
44+18.00	47+00.00	LT	282.0	SOLID	4	94.0	
47+00.00	55+18.50	LT	818.5	SOLID	4	272.8	
47+00.00	55+18.58	RT	818.6	SOLID	4	272.9	
110+46.00		LT	11.0	SOLID	24	22.0	
0+18.00		LT	12.0	SOLID	24	24.0	
STAGE 3 (BLACK TAPE)							
97+37.00	101+16.00	RT	379.0	SKIP DASH	5	39.5	
102+15.00	103+66.00	RT	151.0	SKIP DASH	5	15.7	
104+25.00	105+83.00	RT	158.0	SKIP DASH	5	16.5	
106+78.00	110+46.00	LT	368.0	SKIP DASH	5	38.3	
106+81.00	110+46.00	RT	365.0	SKIP DASH	5	38.0	
108+58.00	110+46.00	CENTERLINE	188.0	DOUBLE	5	156.7	
0+12.00	3+00.00	CENTERLINE	288.0	DOUBLE	5	240.0	
3+00.00	4+77.00	CENTERLINE	177.0	DOUBLE	5	147.5	
7+59.00	17+50.00	RT	991.0	SKIP DASH	5	103.2	
0+18.00	3+00.00	LT	282.0	SKIP DASH	5	29.4	
3+00.00	4+77.00	LT	177.0	SKIP DASH	5	18.4	
STAGE 4							
0+12.00	3+00.00	LT	288.0	SOLID	4	96.0	

PAY ITEM NAME						UNIT	FINAL QUANTITY
WORK ZONE PAVEMENT MARKING REMOVAL						SO FT	27,765
STA	STA	LT / RT	QTY	TYPE	SIZE	SO FT	
2+39.00	3+00.00	RT	61.0	SOLID	4	20.3	
3+00.00	17+50.00	LT	1450.0	SOLID	4	483.3	
4+77.00	7+59.00	LT	282.0	SOLID	4	94.0	
7+59.00	10+39.00	LT	280.0	SOLID	4	93.3	
4+77.00	7+59.00	CENTERLINE	282.0	SOLID	4	94.0	
7+59.00	10+39.00	LT	280.0	SOLID	4	93.3	
10+39.00	17+50.00	LT	711.0	DOUBLE	4	474.0	
3+00.00	5+59.00	RT	259.0	SOLID	4	86.3	
5+59.00	7+59.00	RT	200.0	SOLID	4	66.7	
7+59.00	10+39.00	RT	280.0	SOLID	4	93.3	
10+39.00	17+50.00	CENTERLINE	711.0	SOLID	4	237.0	
17+50.00	32+50.00	LT	1500.0	SOLID	4	500.0	
17+50.00	32+50.00	LT	1500.0	DOUBLE	4	1,000.0	
32+50.00	37+59.00	LT	509.0	SOLID	4	169.7	
37+59.00	40+59.00	LT	300.0	SOLID	4	100.0	
40+59.00	41+26.00	LT	67.0	SOLID	4	22.3	
32+50.00	37+59.00	LT	509.0	DOUBLE	4	339.3	
37+59.00	40+59.00	LT	300.0	DOUBLE	4	200.0	
40+59.00	47+00.00	LT	641.0	DOUBLE	4	427.3	
32+50.00	37+59.00	CENTERLINE	509.0	SOLID	4	169.7	
37+59.00	41+61.00	LT	402.0	SOLID	4	134.0	
41+61.00	44+40.00	LT	279.0	SOLID	4	93.0	
44+40.00	47+00.00	RT	265.0	RAMP EDGE	4	88.3	
47+00.00	47+16.00	RT	16.0	RAMP EDGE	4	5.3	
46+00.00	47+00.00	RT	105.0	RAMP EDGE	4	35.0	
47+00.00	47+22.00	RT	24.0	RAMP EDGE	4	8.0	
46+00.00	47+00.00	RT	100.0	SOLID	4	33.3	
47+00.00	50+05.00	LT	305.0	SOLID	4	101.7	
47+00.00	50+20.00	LT	320.0	DOUBLE	4	213.3	
50+20.00	54+80.00	LT / RT	460.0	SOLID	4	153.3	
54+80.00	55+18.00	RT	38.0	SOLID	4	12.7	
50+20.00	54+73.00	LT	453.0	SOLID	4	151.0	
54+73.00	61+00.00	LT	627.0	SOLID	4	209.0	
61+00.00	67+82.00	LT	682.0	SOLID	4	227.3	
67+83.00	73+23.00	LT	540.0	SOLID	4	180.0	
50+05.00	54+80.00	LT / RT	475.0	SOLID	4	158.3	
54+80.00	55+18.00	RT	38.0	SOLID	4	12.7	
0+12.00		LT	24.0	SOLID	24	48.0	
STAGE 4 (BLACK TAPE)							
2+19.00	3+00.00	RT	81.0	SKIP DASH	5	8.4	
3+00.00	7+59.00	RT	459.0	SKIP DASH	5	47.8	
4+77.00	17+50.00	CENTERLINE	1273.0	DOUBLE	5	1,060.8	

FILE NAME = S:\Projects\2015 JOBS\151L004-00 OEI PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Schedule.dgn
 MODEL = Default
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USER NAME = rgoertz
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 PLOT SCALE = 100.0000' / 1" =
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REVISED -
 REVISED -
 REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 669 (103B)I-7 (*) 180 13
 CONTRACT NO. 68A93
 ILLINOIS FED. AID PROJECT

PAY ITEM NAME						UNIT	FINAL QUANTITY
TEMPORARY CONCRETE BARRIER						FOOT	3,225.0
STA	OFFSET	STA	OFFSET	LT / RT	SECTIONS	FOOT	
STAGE 1							
11+55.08	-9.8	12+56.41	-9.8	LT	8	101.33	
12+56.41	-9.8	13+44.77	-2.4	LT	7	88.67	
13+44.77	-2.4	39+41.42	-2.5	LT	205	2,596.65	
39+41.42	-2.5	40+67.80	-11.0	LT	10	126.67	
40+67.80	-11.0	43+71.80	-11.0	LT	24	304.00	
TOTAL							3,217.32

PAY ITEM NAME						UNIT	FINAL QUANTITY
RELOCATE TEMPORARY CONCRETE BARRIER						FOOT	8,062.5
STA	OFFSET	STA	OFFSET	LT / RT	SECTIONS	FOOT	
STAGE 2							
0+39.70	-2.5	2+04.37	-2.4	LT	13	164.67	
2+04.37	-2.4	15+34.36	-2.5	LT	105	1,329.99	
15+34.36	-2.5	16+10.42	-9.0	LT	6	76.34	
16+10.42	-9.0	17+11.75	-9.0	LT	8	101.33	
REMAINDER FROM STAGE 1					120	1,520.04	
STAGE 3							
0+58.73	2.0	2+10.73	2.4	RT	12	152.00	
2+10.73	2.4	15+28.06	2.4	RT	104	1,317.33	
15+28.06	2.4	16+16.48	9.0	RT	7	88.67	
16+16.48	9.0	17+18.03	9.0	RT	8	101.55	
REMAINDER FROM STAGE 2					1	12.67	
STAGE 4							
11+55.13	9.8	12+56.46	9.8	RT	8	101.33	
12+56.46	9.8	13+44.82	2.4	RT	7	88.67	
13+44.82	2.4	39+41.47	2.5	RT	205	2,596.65	
39+41.47	2.5	40+42.44	11.0	RT	8	101.33	
40+42.44	11.0	43+46.44	11.0	RT	24	304.00	
TOTAL							8,056.57

PAY ITEM NAME			UNIT	FINAL QUANTITY
IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3			EACH	2
STAGE 1				
STA	OFFSET	LT / RT	EACH	
11+55.1	9.8	LT	1	
43+72.6	11.0	LT	1	
TOTAL				2

PAY ITEM NAME			UNIT	FINAL QUANTITY
IMPACT ATTENUATORS, TEMPORARY (FULLY- REDIRECTIVE, NARROW), TEST LEVEL 3			EACH	1
STAGE 2				
STA	OFFSET	LT / RT	EACH	
0+40.0	2.5	LT	1	
TOTAL				1

PAY ITEM NAME			UNIT	FINAL QUANTITY
IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3			EACH	1
STAGE 3				
STA	OFFSET	LT / RT	EACH	
0+57.0	2.0	RT	1	
TOTAL				1

PAY ITEM NAME			UNIT	FINAL QUANTITY
IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3			EACH	5
STA	OFFSET	LT / RT	EACH	
STAGE 2				
17+11.9	9.0	LT	1	
		LT	1	
STAGE 3				
17+18.0	9.0	RT	1	
STAGE 4				
11+55.1	9.8	RT	1	
43+47.1	11.0	RT	1	
TOTAL				5

PAY ITEM NAME			UNIT	FINAL QUANTITY
PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS			SO FT	32
STA	LOCATION	DESCRIPTION	SO FT	
102+34	TURN LANE	LEFT TURN ARROW	15.6	
102+97	TURN LANE	LEFT TURN ARROW	15.6	
TOTAL				31.2

(*) PEORIA / TAZEVELL

BENCHMARK #1

CAP BOLT BETWEEN THE E&L IN MUELLER ON THE FIRE HYDRANT AT THE NORTHEAST QUADRANT OF WASHINGTON AND MACARTHUR STA 110+47.04, 31.83' LT ELEVATION = 486.226

BENCHMARK #2

NORTH CAP BOLT MARKED WITH AN "X" ON A FIRE HYDRANT ON THE WEST SIDE OF CEDAR STREET BRIDGE, BETWEEN PIER #5 & #6 STA 3+01.61, 35.51' RT ELEVATION = 470.220

BENCHMARK #3

TOP OF THE NORTHEAST BOLT OF THE STEEL PIER BEARING ON THE EAST PAD OF PIER #8 STA 4+99.31, 18.29' LT ELEVATION = 466.705

BENCHMARK #4

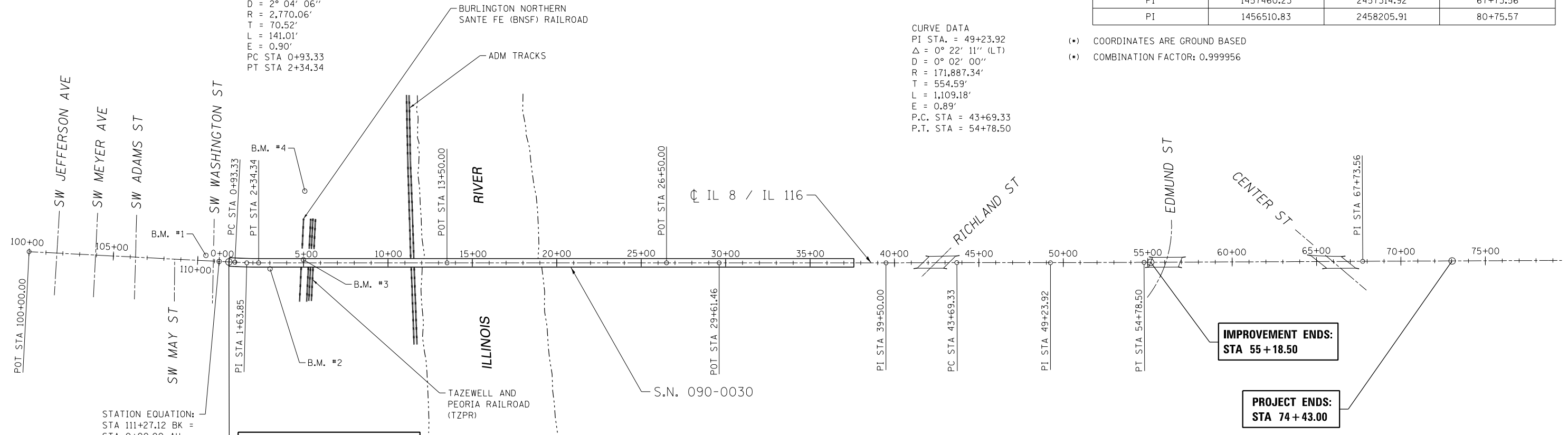
TOP OF A RR SPIKE HEAD IN THE SOUTH FACE OF A POWER POLE NORTHEAST OF PIER #8 STA 5+07.63, 425.07' LT ELEVATION = 467.381

ALIGNMENT CONTROL			
DESCRIPTION	NORTHING (+)	EASTING (+)	STA
CONTROL PT 12	1456620.63	2458869.40	-
CONTROL PT 14	1462188.55	2452824.02	-
P.C.	1462348.56	2452762.05	0+93.33
P.I.	1462294.54	2452807.38	1+63.85
P.T.	1462242.90	2452855.40	2+34.34
PI	1463283.76	2451977.89	100+00.00
PI	1462420.05	2452702.05	0+00.00
PI	1461425.87	2453615.11	13+50.00
PI	1460473.85	2454500.35	26+50.00
PI	1460245.76	2454712.44	29+61.46
PI	1459521.82	2455385.59	39+50.00
P.C.	1459215.78	2455672.25	43+69.33
P.I.	1458808.95	2456049.15	49+23.92
P.T.	1458404.55	2456428.67	54+78.50
PI	1457460.23	2457314.92	67+73.56
PI	1456510.83	2458205.91	80+75.57

(*) COORDINATES ARE GROUND BASED
 (*) COMBINATION FACTOR: 0.999956

CURVE DATA
 PI STA 1+63.85
 $\Delta = 2^\circ 55' 00''$ (LT)
 $D = 2^\circ 04' 06''$
 $R = 2,770.06'$
 $T = 70.52'$
 $L = 141.01'$
 $E = 0.90'$
 PC STA 0+93.33
 PT STA 2+34.34

CURVE DATA
 PI STA. = 49+23.92
 $\Delta = 0^\circ 22' 11''$ (LT)
 $D = 0^\circ 02' 00''$
 $R = 171,887.34'$
 $T = 554.59'$
 $L = 1,109.18'$
 $E = 0.89'$
 P.C. STA = 43+69.33
 P.T. STA = 54+78.50



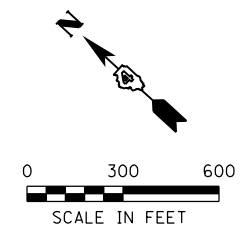
STATION EQUATION:
 STA 111+27.12 BK =
 STA 0+00.00 AH

**PROJECT BEGINS:
 STA 97 + 37.00**

**IMPROVEMENT BEGINS:
 WEST ABUTMENT STA 0 + 12.08**

**IMPROVEMENT ENDS:
 STA 55 + 18.50**

**PROJECT ENDS:
 STA 74 + 43.00**



FILE NAME = S:\Projects\2015\151L004-00\01\PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-ATB.dgn
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 PLOT DRIVER = 151L004 PDF.plt



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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (+)	TOTAL SHEETS 180	SHEET NO. 15
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

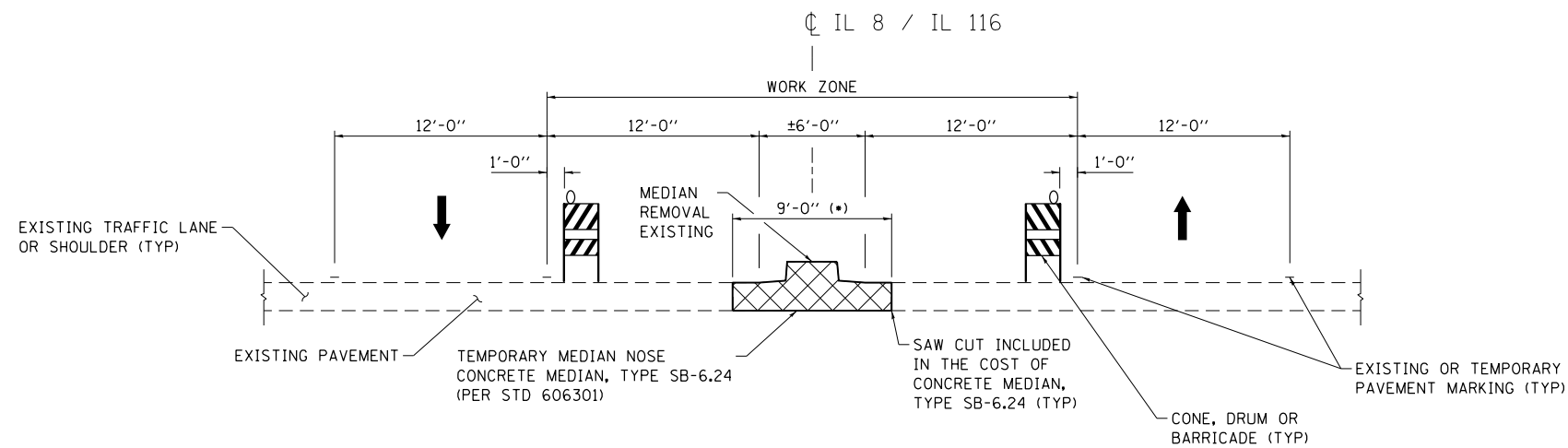
(*) PEORIA / TAZEWELL

PRE-STAGE 1 STAGING NOTES

1. PRIOR TO PRE-STAGE 1 CONSTRUCTION, THE CONTRACTOR SHALL PLACE ALL SIGNAGE, DELINEATORS, AND TEMPORARY PAVEMENT MARKING AS DETAILED IN THE PLANS.
2. WESTBOUND AND EASTBOUND TRAFFIC WILL BE REDUCED TO 1 LANE IN EACH DIRECTION AS DETAILED IN THE PLANS.

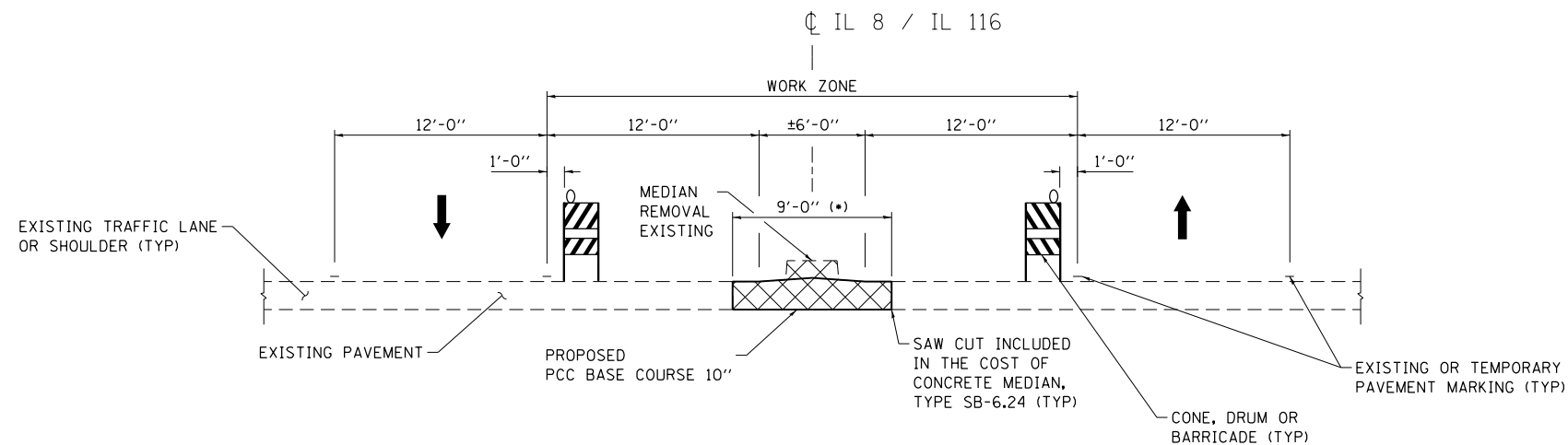
PRE-STAGE 1 CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL REMOVE A PORTION OF THE EXISTING MEDIAN EAST OF CEDAR STREET BRIDGE AND PLACE PCC BASE COURSE 10" OR TEMPORARY MEDIAN NOSES AS DETAILED FOR STAGE 1 AND STAGE 2 TRAFFIC.



STAGING TYPICAL – PRE-STAGE 1

STA 44+17.60 TO STA 44+23.60
STA 55+11.50 TO STA 55+18.50



STAGING TYPICAL – PRE-STAGE 1

STA 44+23.60 TO STA 55+11.50

NOTE:

(*) ASSUMED 2' GUTTER FOR QUANTITY PURPOSES

(*) PEORIA / TAZEWELL

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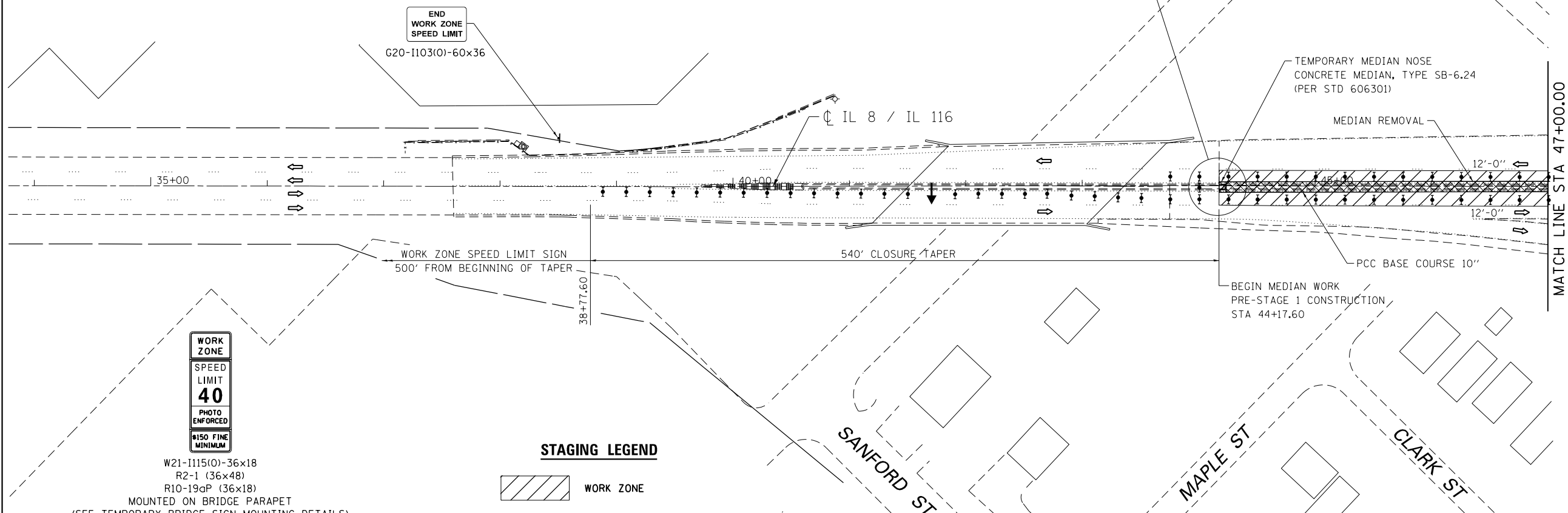
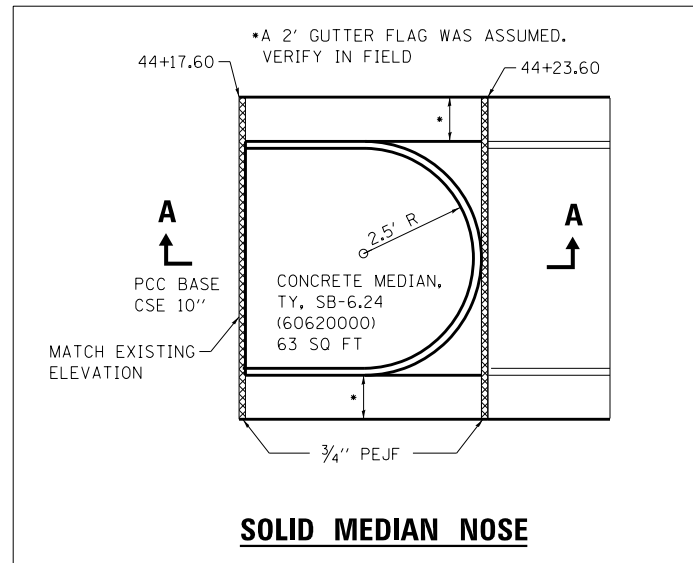
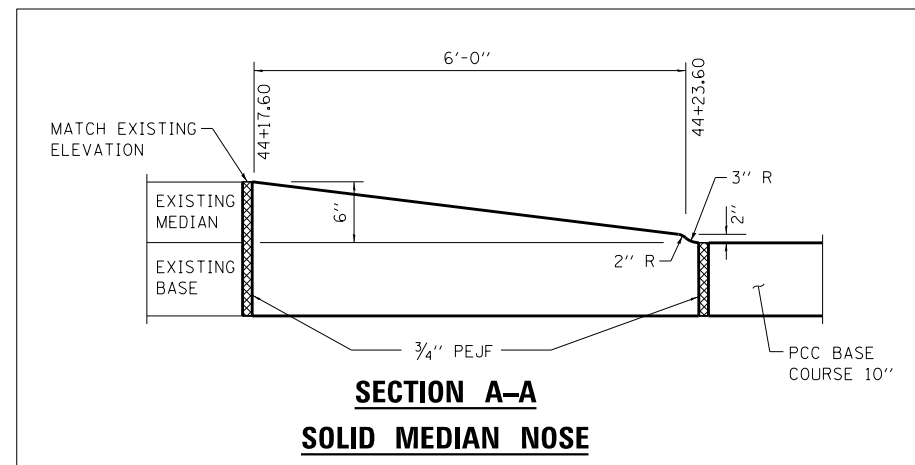
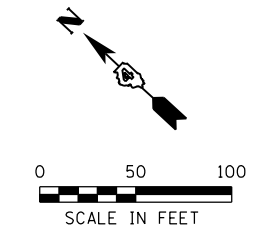
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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – NOTES AND TYPICAL SECTION
PRE-STAGE 1

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	16
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



WORK ZONE
SPEED LIMIT 40
 PHOTO ENFORCED
 #150 FINE MINIMUM
 W21-1115(0)-36x18
 R2-1 (36x48)
 R10-19aP (36x18)
 MOUNTED ON BRIDGE PARAPET
 (SEE TEMPORARY BRIDGE SIGN MOUNTING DETAILS)

- STAGING LEGEND**
- WORK ZONE
 - TRAFFIC FLOW
 - SIGN
 - TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TEMPORARY CONCRETE BARRIER WALL
 - IMPACT ATTENUATORS
 - ARROW BOARD
- SEE STD 701601

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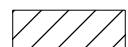







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 DEPARTMENT OF TRANSPORTATION

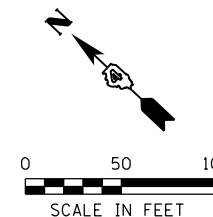
MAINTENANCE OF TRAFFIC - MEDIAN REMOVAL
 PRE-STAGE 1
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 17
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

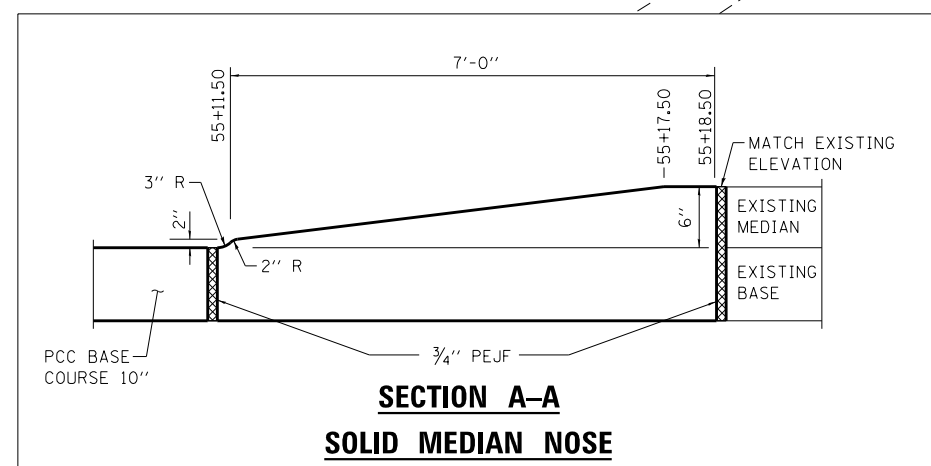
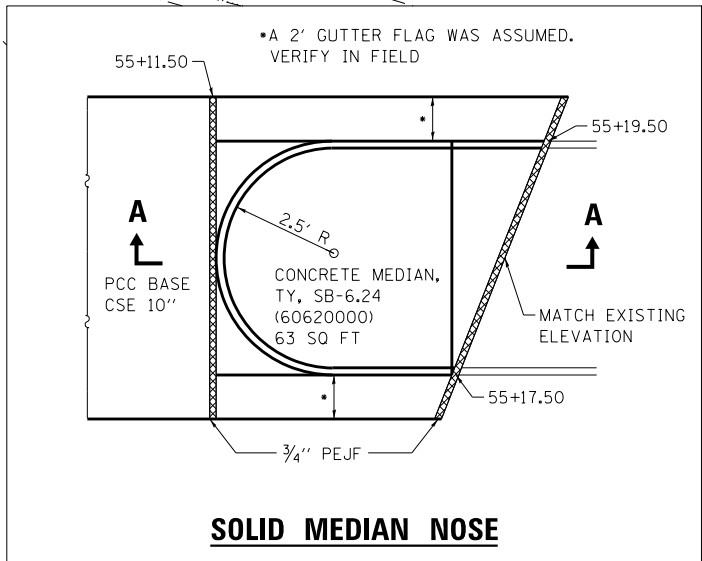
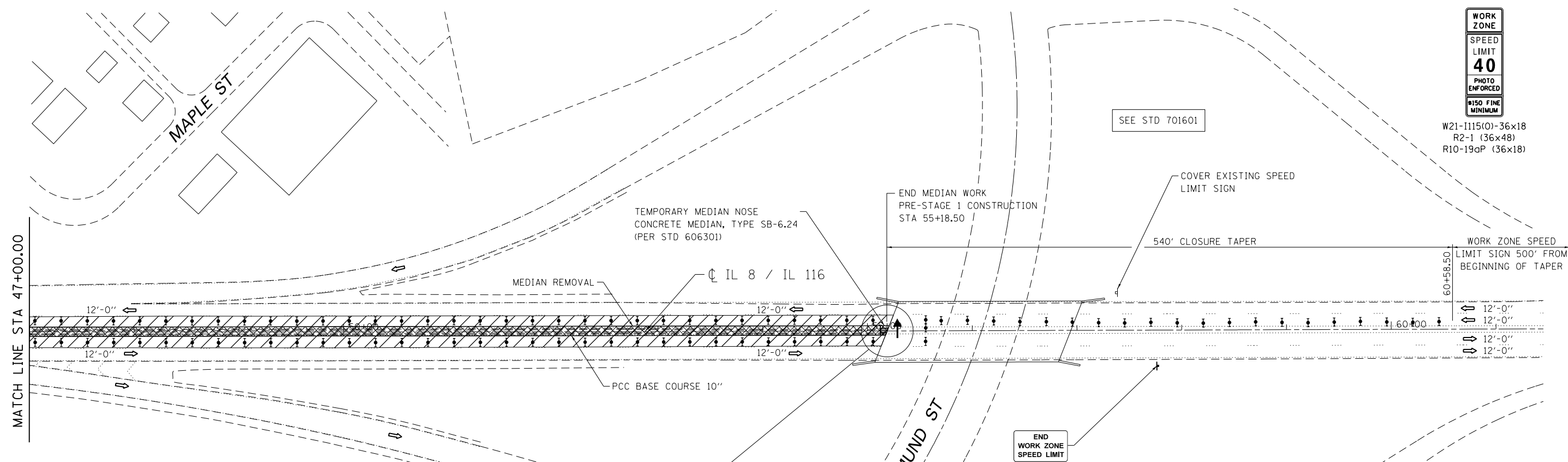
(*) PEORIA / TAZEWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



W21-1115(0)-36x18
R2-1 (36x48)
R10-19aP (36x18)



FILE NAME = S:\Projects\2015_JOBS\151L004-00 OEI PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Staging-Pre1.dgn
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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

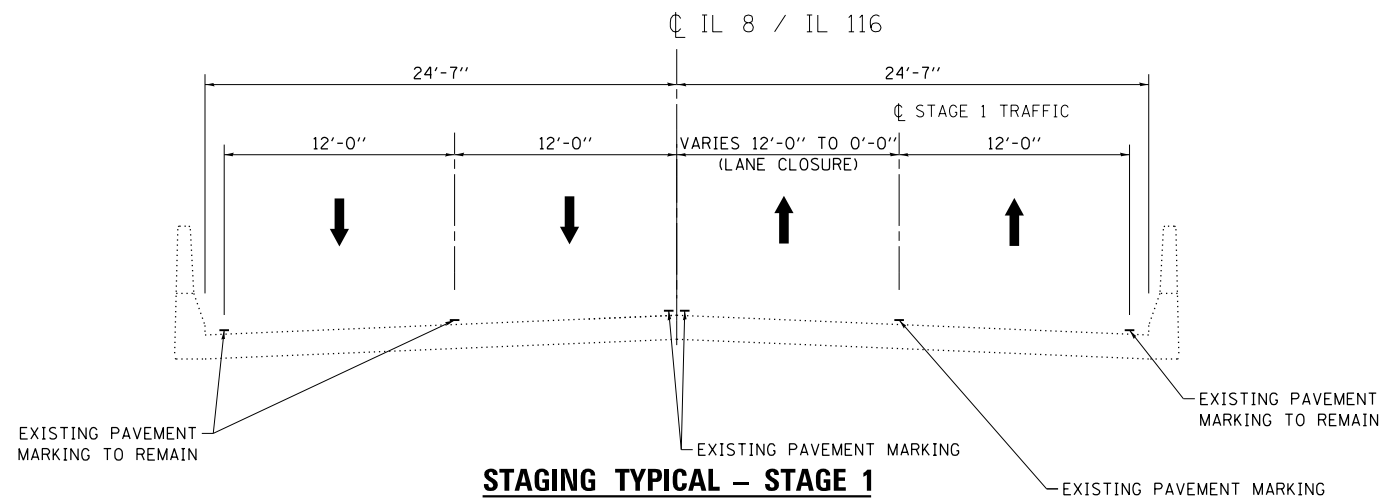
**MAINTENANCE OF TRAFFIC - MEDIAN REMOVAL
PRE-STAGE 1**

F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 18
CONTRACT NO. 68A93				

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

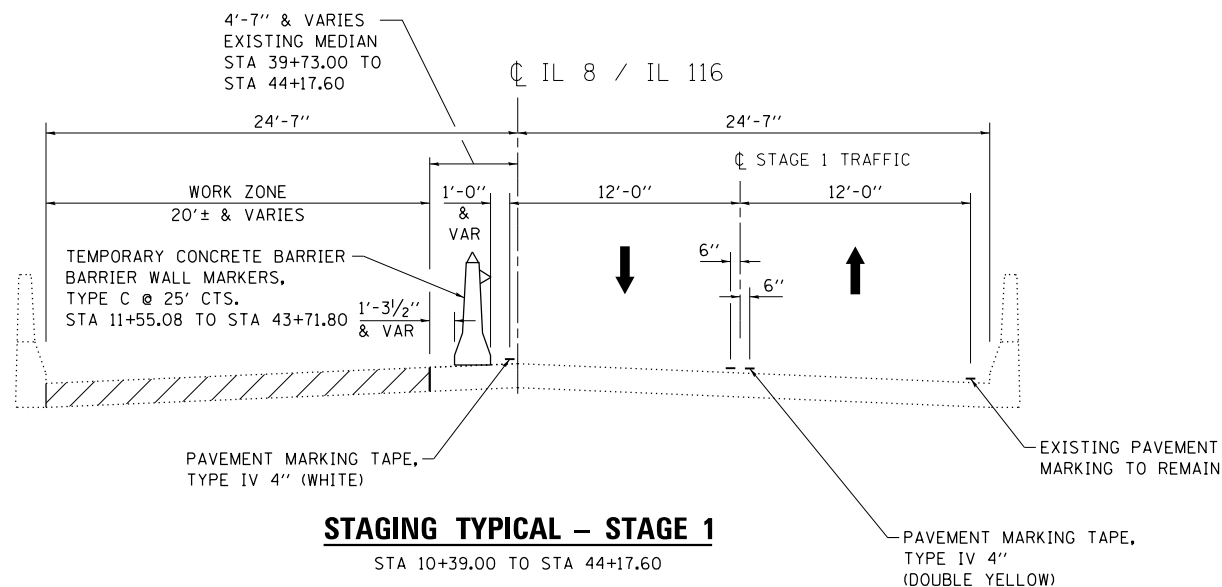
(*) PEORIA / TAZEWELL

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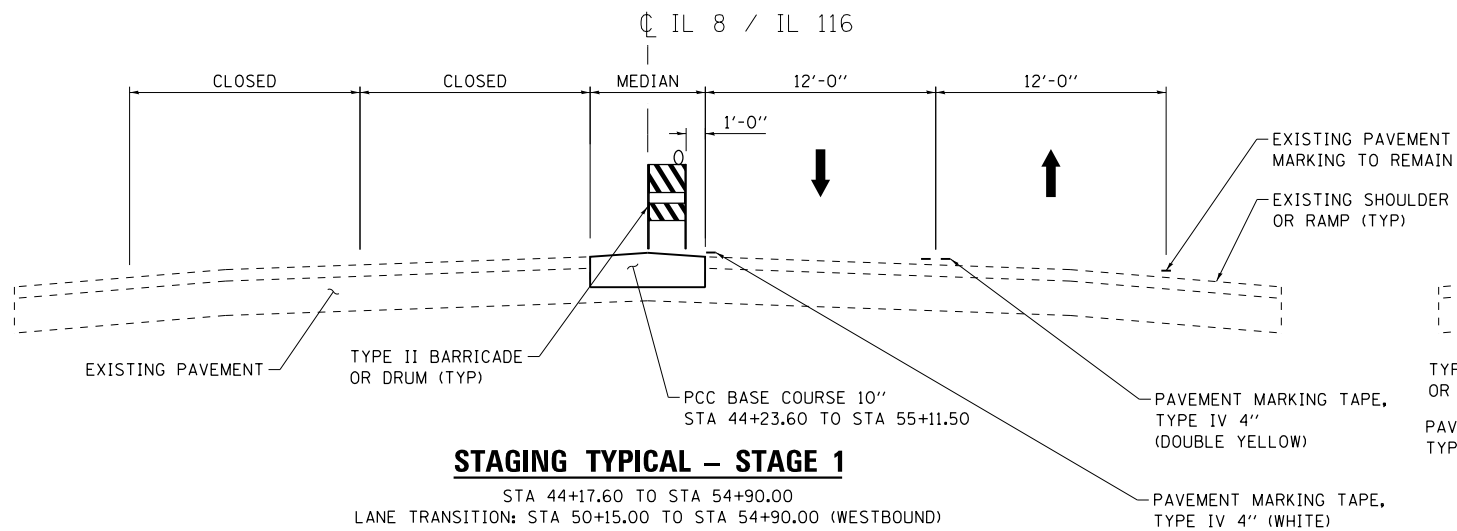
STAGING TYPICAL – STAGE 1

STA 2+19.00 TO STA 10+39.00
 LANE CLOSURE: STA 2+19.00 TO STA 7+59.00 (EASTBOUND)
 LANE TRANSITION: STA 7+59.00 TO 10+39.00 (WESTBOUND)



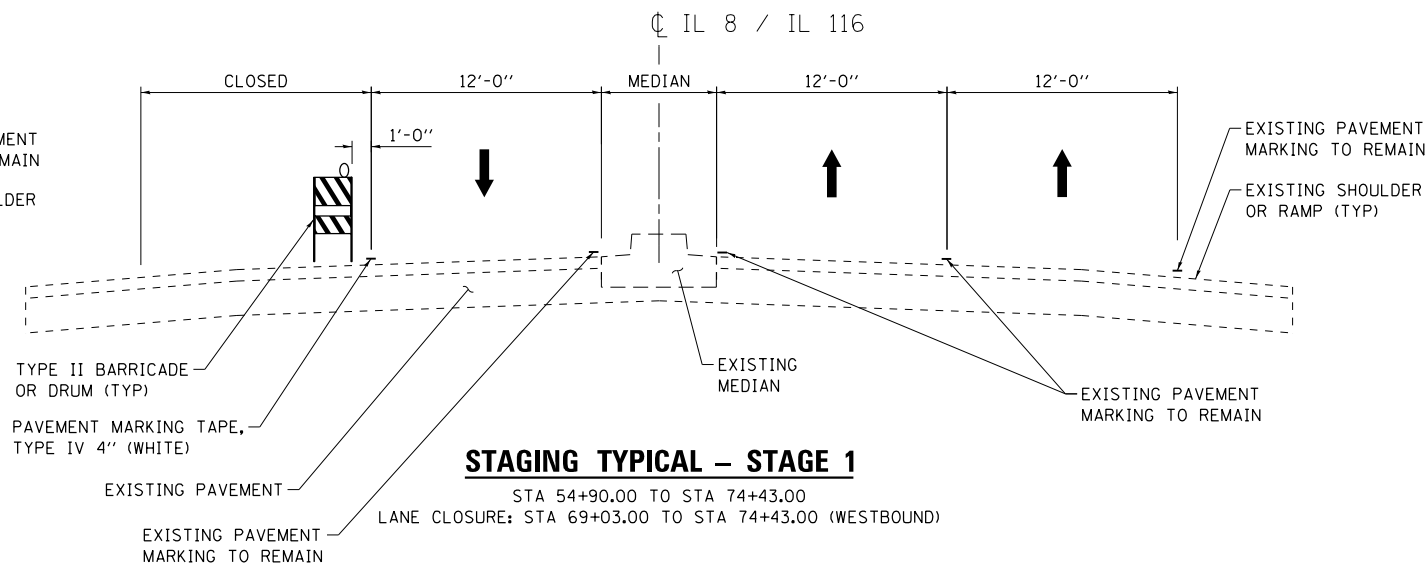
STAGING TYPICAL – STAGE 1

STA 10+39.00 TO STA 44+17.60



STAGING TYPICAL – STAGE 1

STA 44+17.60 TO STA 54+90.00
 LANE TRANSITION: STA 50+15.00 TO STA 54+90.00 (WESTBOUND)



STAGING TYPICAL – STAGE 1

STA 54+90.00 TO STA 74+43.00
 LANE CLOSURE: STA 69+03.00 TO STA 74+43.00 (WESTBOUND)

STAGE 1 STAGING NOTES

1. ALL TRAFFIC CONTROL SIGNING AND DEVICES DETAILED AND NOTED IN STAGE 1 PLANS SHALL BE IN PLACE PRIOR TO BEGINNING ANY BRIDGE REPAIRS UNLESS APPROVED IN WRITING BY THE ENGINEER.
2. WESTBOUND AND EASTBOUND TRAFFIC WILL BE REDUCED TO 1 LANE IN EACH DIRECTION AS DETAILED IN THE PLANS.
3. BOTH LANES OF TRAFFIC WILL BE SHIFTED TO THE SOUTH SIDE OF CEDAR STREET BRIDGE WITH TEMPORARY CONCRETE BARRIER DIVIDING TRAFFIC FROM THE WORK ZONE.
4. ALL CONFLICTING EXISTING STRIPING SHALL BE COVERED WITH PAVEMENT MARKING BLACKOUT TAPE, 5".

STAGE 1 CONSTRUCTION NOTES

COMPLETE THE FOLLOWING IMPROVEMENTS TO THE NORTH SIDE OF CEDAR STREET BRIDGE:

- STRUCTURAL STEEL REPAIRS
- DECK AND PARAPET REPAIRS
- EXPANSION JOINT REPLACEMENTS
- OTHER MISCELLANEOUS REPAIRS AS DETAILED IN THE STRUCTURE PLANS

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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

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MAINTENANCE OF TRAFFIC – NOTES AND TYPICAL SECTIONS
 STAGE 1

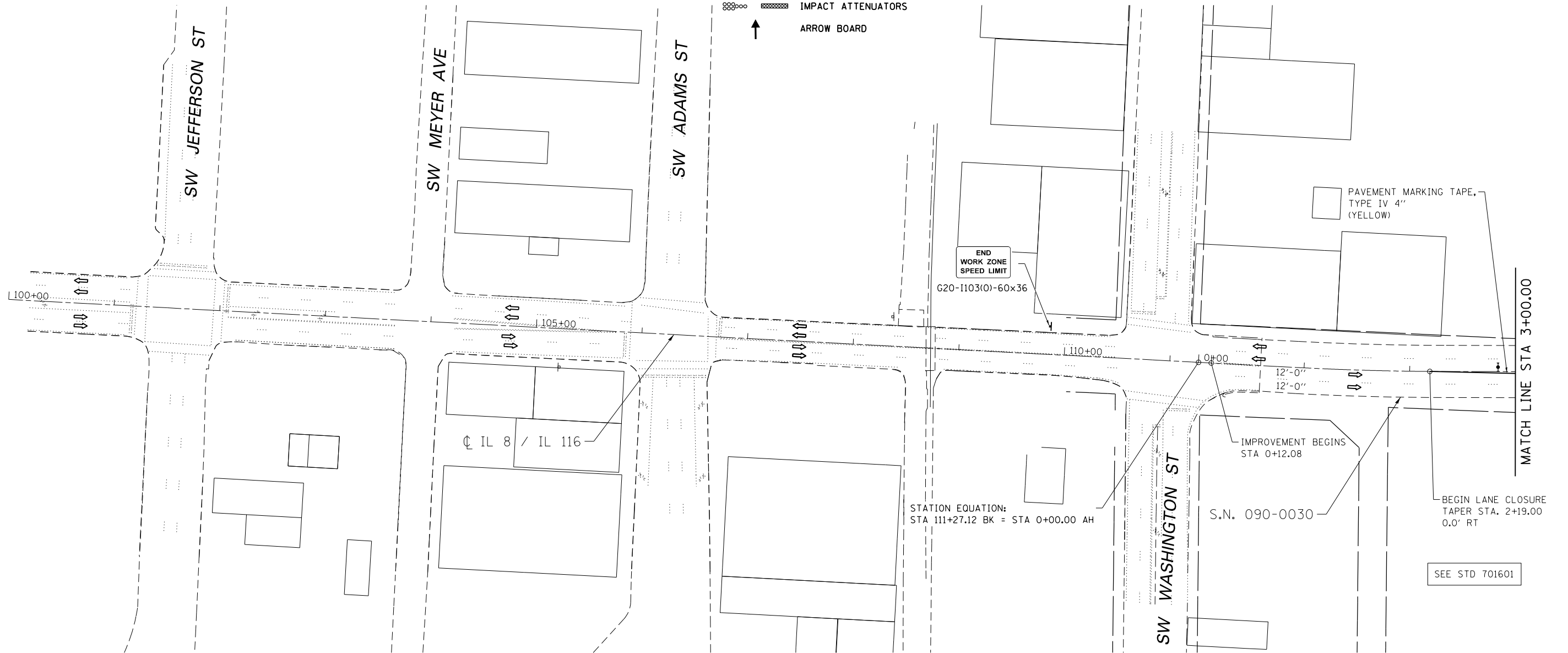
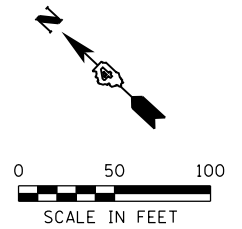
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F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 19
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
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**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 1**









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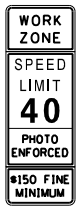
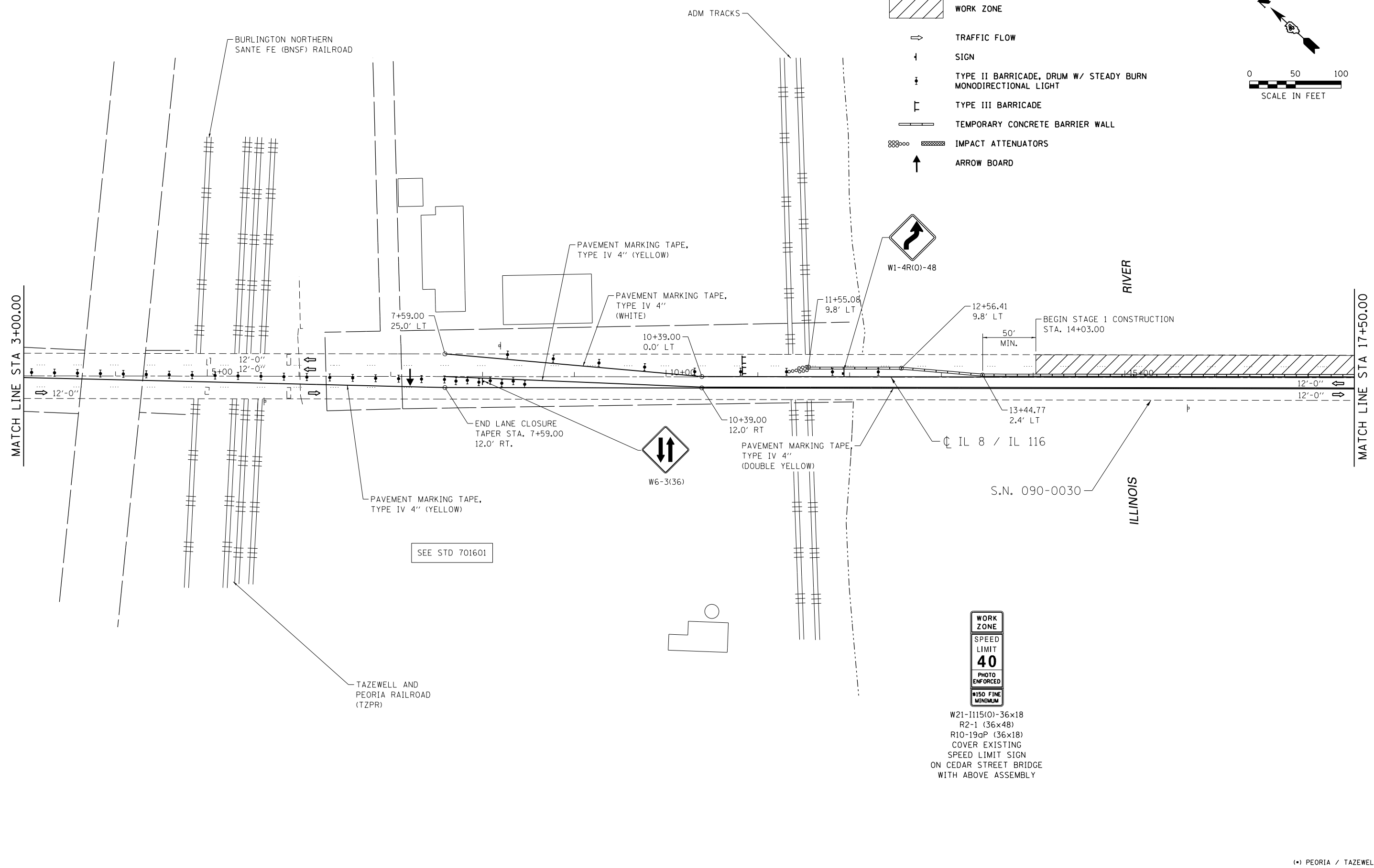
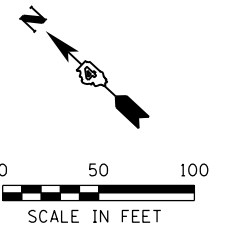
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669	(103B)I-7	(*)	180	20
CONTRACT NO. 68A93				

(*) PEORIA / TAZEVELL

ILLINOIS FED. AID PROJECT

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



W21-I115(O)-36x18
 R2-1 (36x48)
 R10-19aP (36x18)
 COVER EXISTING
 SPEED LIMIT SIGN
 ON CEDAR STREET BRIDGE
 WITH ABOVE ASSEMBLY

SEE STD 701601

FILE NAME = S:\Projects\2015 JOBS\151L004-00 OEI PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Staging-1.02.dgn
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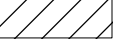







**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
 STAGE 1**

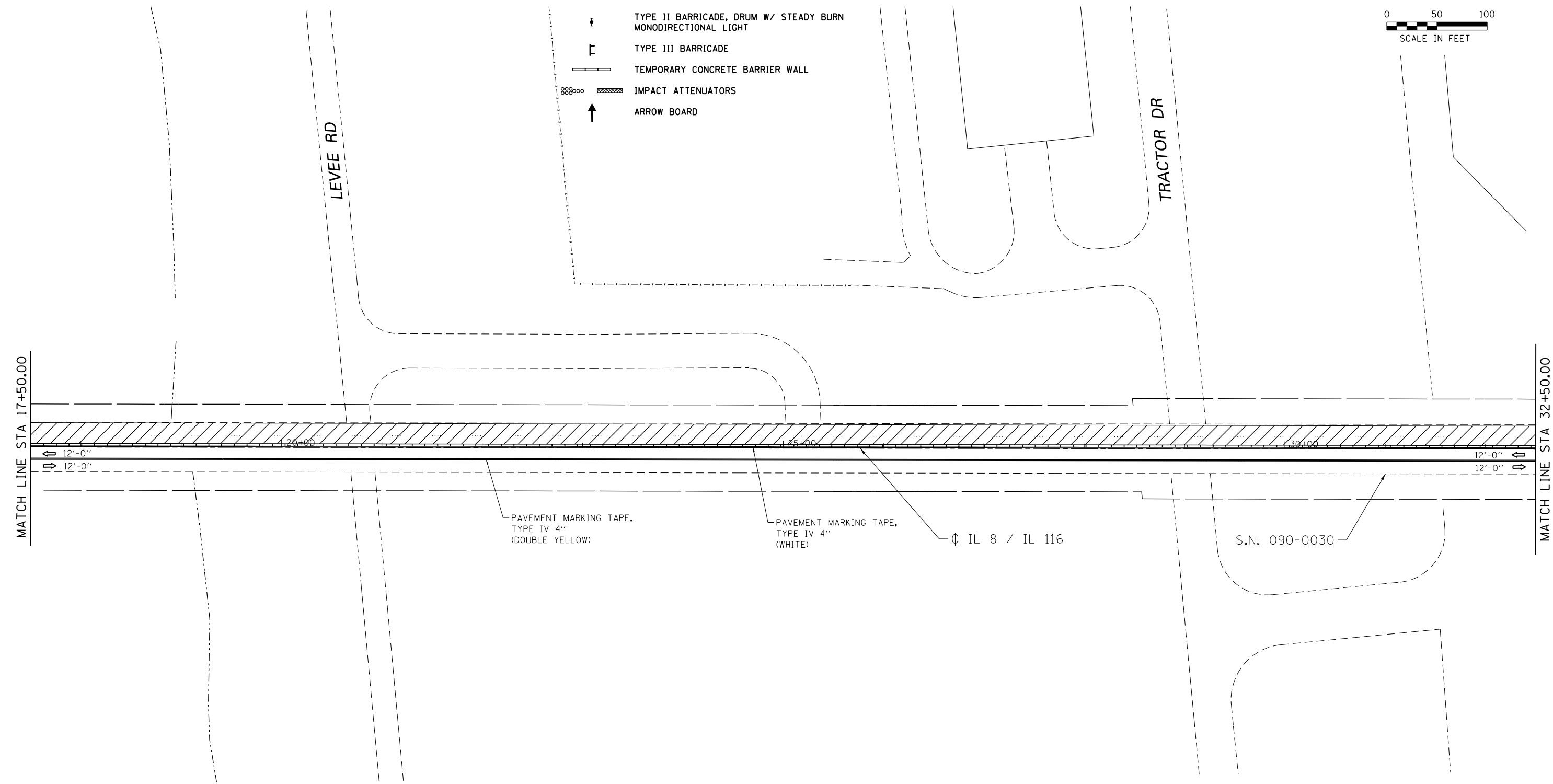
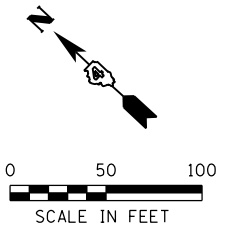
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	21
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



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DEPARTMENT OF TRANSPORTATION**









**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 1**

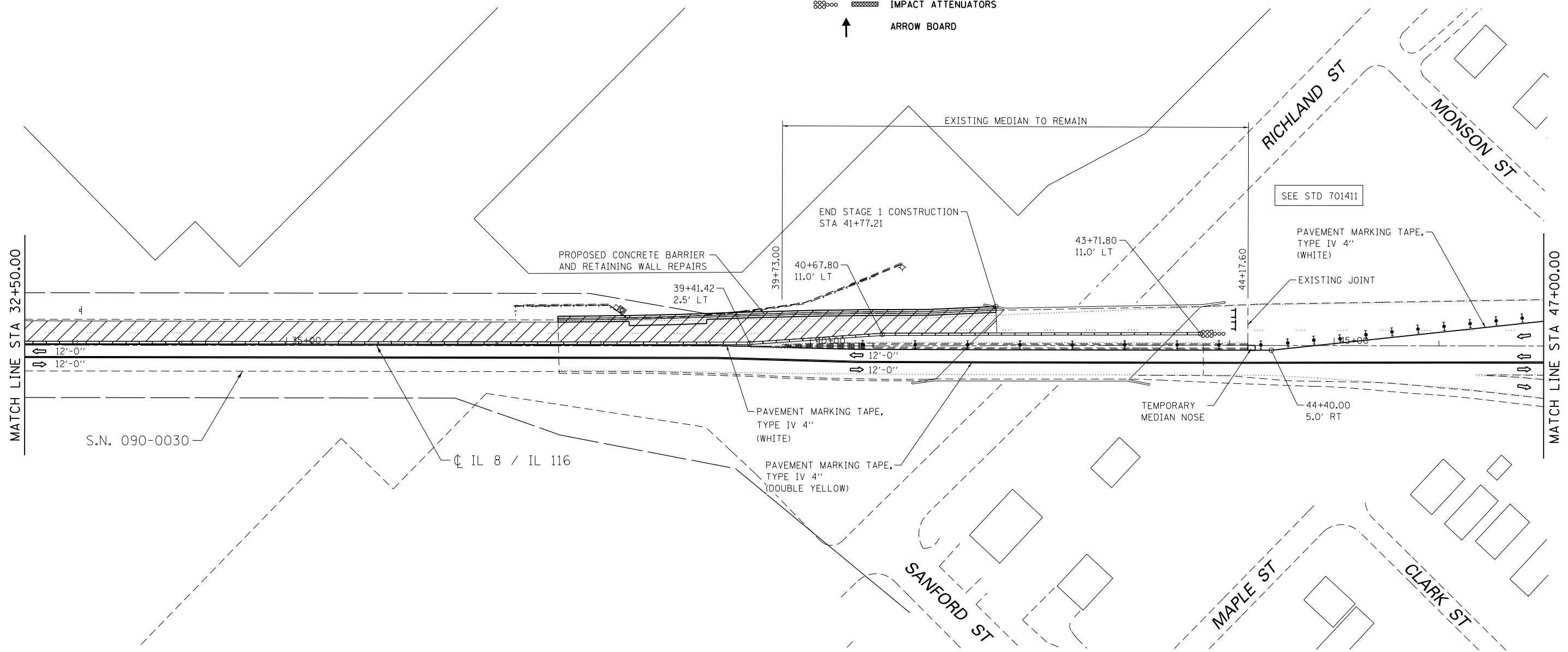
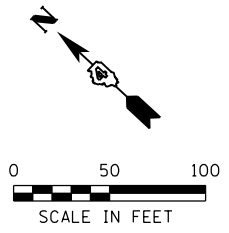
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F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 22
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEVELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



MATCH LINE STA 32+50.00

MATCH LINE STA 47+00.00

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

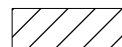





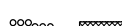

**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 1**

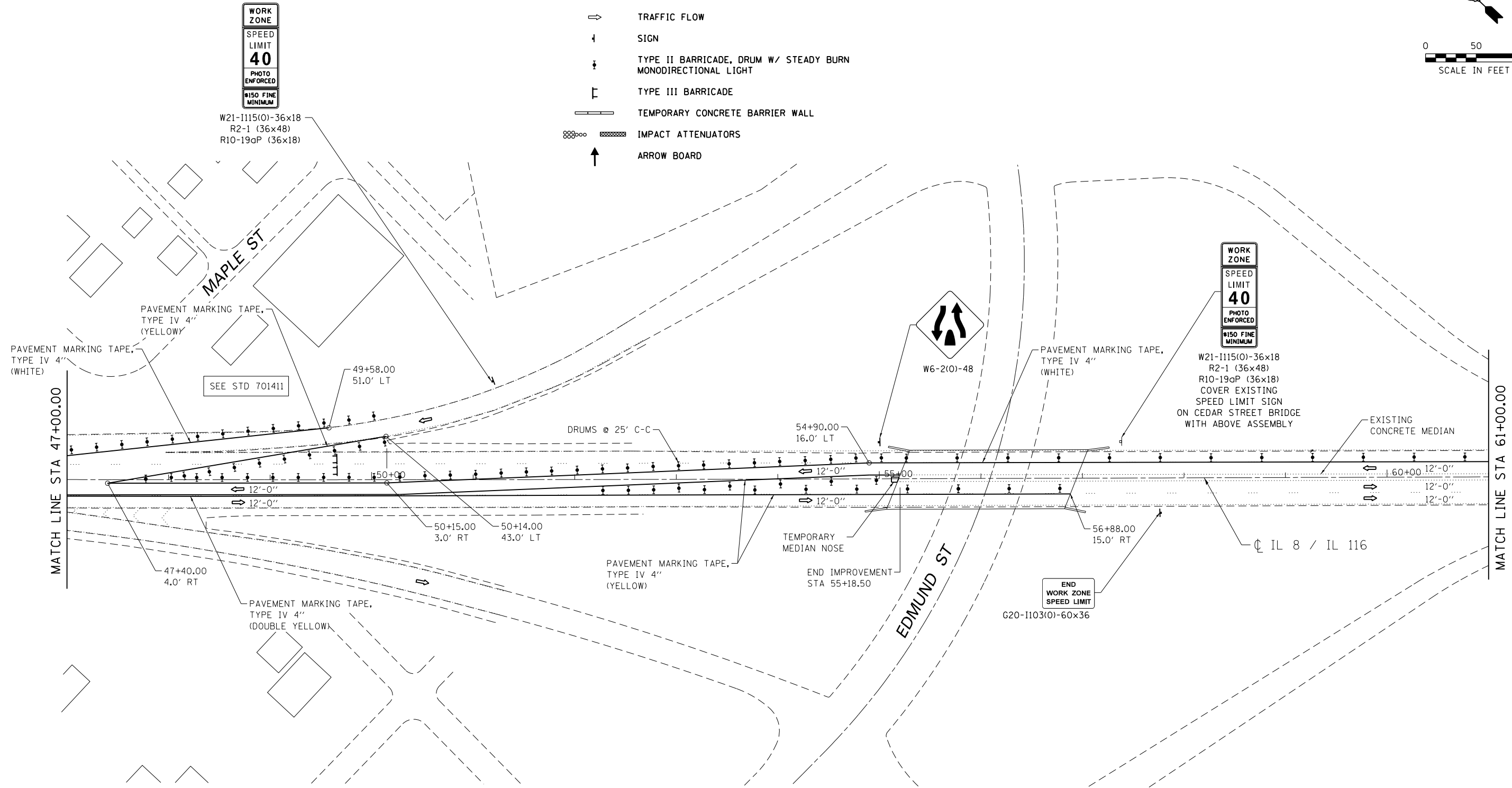
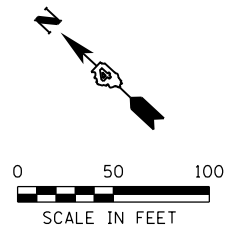
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	23
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



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**STATE OF ILLINOIS
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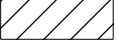





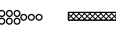

**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 1**

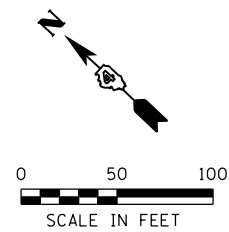
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 24
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

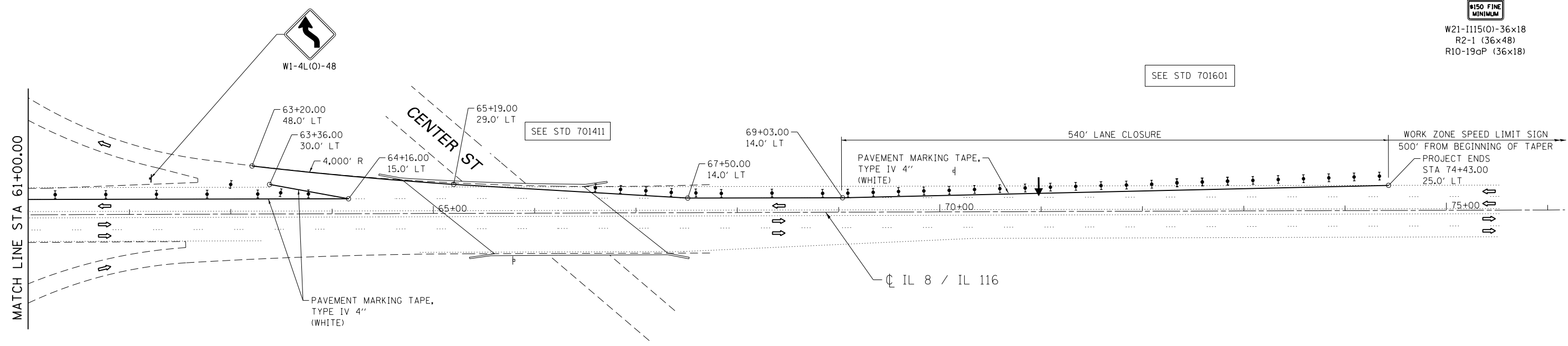
STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



W21-I115(0)-36x18
R2-1 (36x48)
R10-19dP (36x18)

SEE STD 701601



FILE NAME = S:\Projects\2015 JOBS\151L004-00 OEI PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Staging-1.06.dgn
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USER NAME = rgoertz	DESIGNED - RG	REVISED -
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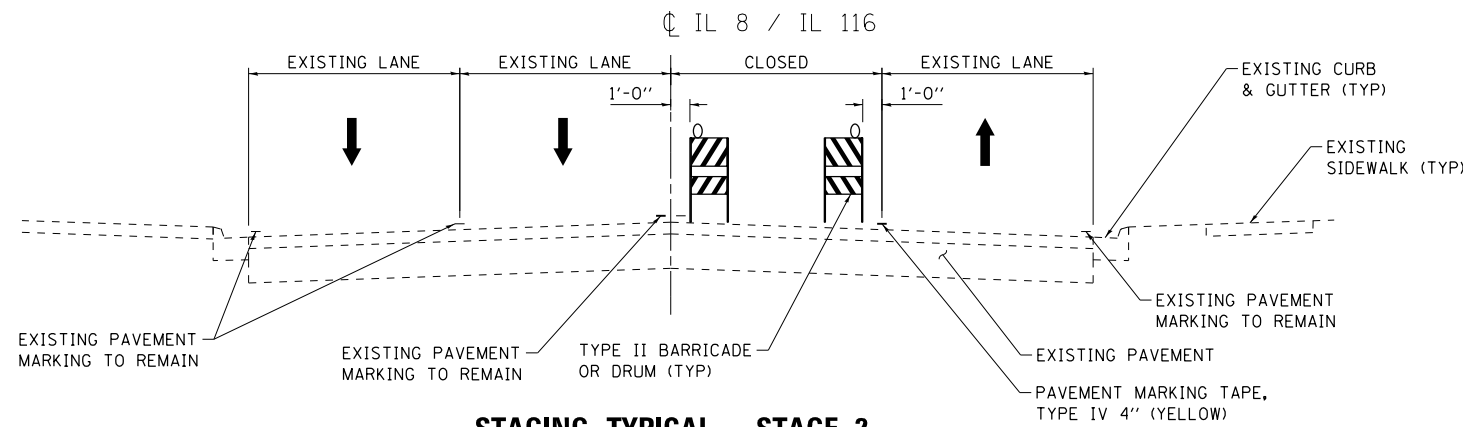
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 1**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

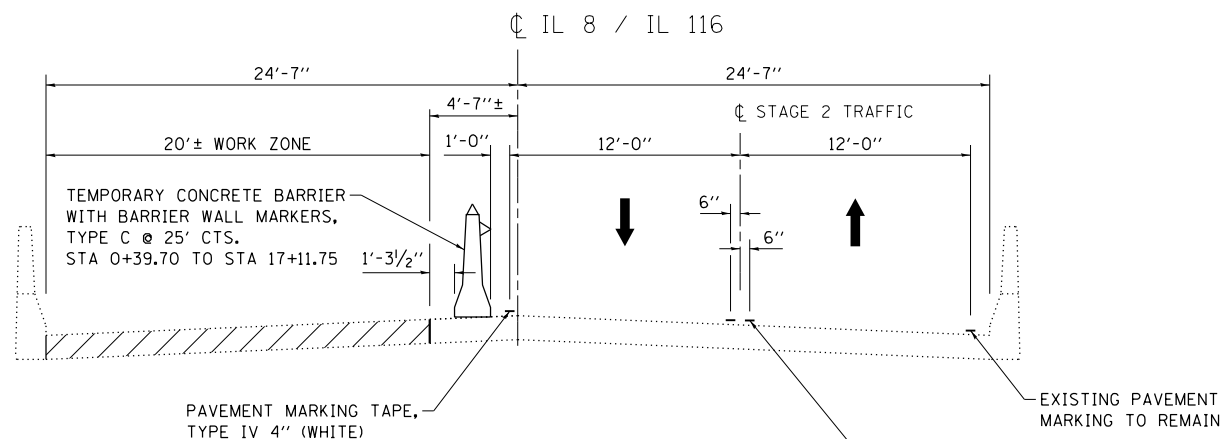
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CONTRACT NO. 68A93			ILLINOIS FED. AID PROJECT	

(*) PEORIA / TAZEWELL



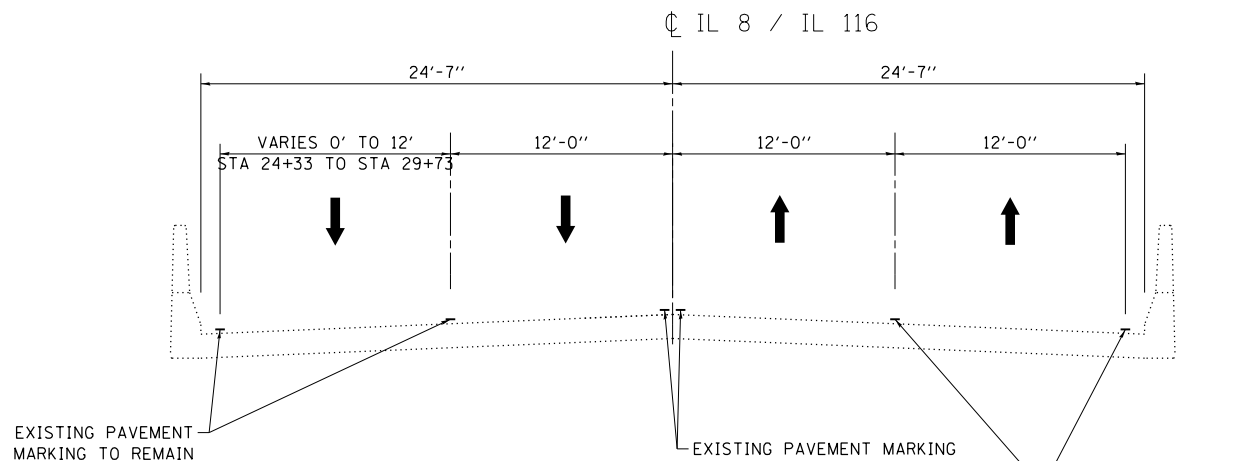
STAGING TYPICAL – STAGE 2

STA 97+37.00 TO 00+12.08
 (STA EQUATION: STA 111+27.12 BK = STA 0+00.00 AH)
 LANE CLOSURE: STA 97+37.00 TO STA 100+57.00 (EASTBOUND)
 LANE TRANSITION: STA 108+58.00 TO STA 00+12.08 (WESTBOUND)



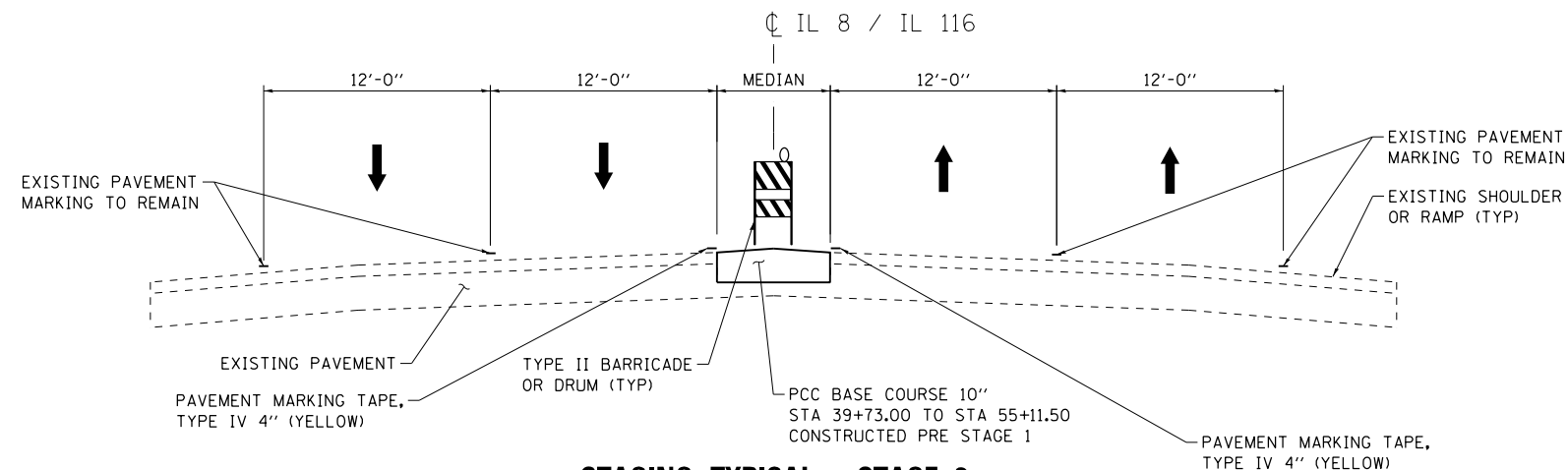
STAGING TYPICAL – STAGE 2

STA 0+12.08 TO STA 24+33.00
 LANE TRANSITION: STA 18+33.00 TO STA 21+13.00 (WESTBOUND)



STAGING TYPICAL – STAGE 2

STA 24+33.00 TO STA 41+77.21
 LANE CLOSURE STA 24+33.00 TO STA 29+73.00



STAGING TYPICAL – STAGE 2

STA 41+77.21 TO STA 55+18.50

STAGE 2 STAGING NOTES

1. ALL TRAFFIC CONTROL SIGNING AND DEVICES DETAILED AND NOTED IN STAGE 2 PLANS SHALL BE IN PLACE PRIOR TO BEGINNING ANY BRIDGE REPAIRS UNLESS APPROVED IN WRITING BY THE ENGINEER.
2. WESTBOUND AND EASTBOUND TRAFFIC WILL BE REDUCED TO 1 LANE IN EACH DIRECTION AS DETAILED IN THE PLANS.
3. BOTH LANES OF TRAFFIC WILL BE SHIFTED TO THE SOUTH SIDE OF CEDAR STREET BRIDGE WITH TEMPORARY CONCRETE BARRIER DIVIDING TRAFFIC FROM THE WORK ZONE.
4. ALL CONFLICTING EXISTING STRIPING SHALL BE COVERED WITH PAVEMENT MARKING BLACKOUT TAPE, 5".

STAGE 2 CONSTRUCTION NOTES

COMPLETE THE FOLLOWING IMPROVEMENTS TO THE NORTH SIDE OF CEDAR STREET BRIDGE:

- STRUCTURAL STEEL REPAIRS
- DECK AND PARAPET REPAIRS
- EXPANSION JOINT REPLACEMENTS
- REPLACE VAULTED WEST ABUTMENT SLAB, WB LANES.
- OTHER MISCELLANEOUS REPAIRS AS DETAILED IN THE STRUCTURE PLANS

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 PLOT DATE = 10/05/2015

DESIGNED - RG
 DRAWN - RG
 CHECKED - MCV
 DATE - 10/02/2015

REVISED -
 REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION









MAINTENANCE OF TRAFFIC – NOTES AND TYPICAL SECTIONS
 STAGE 2

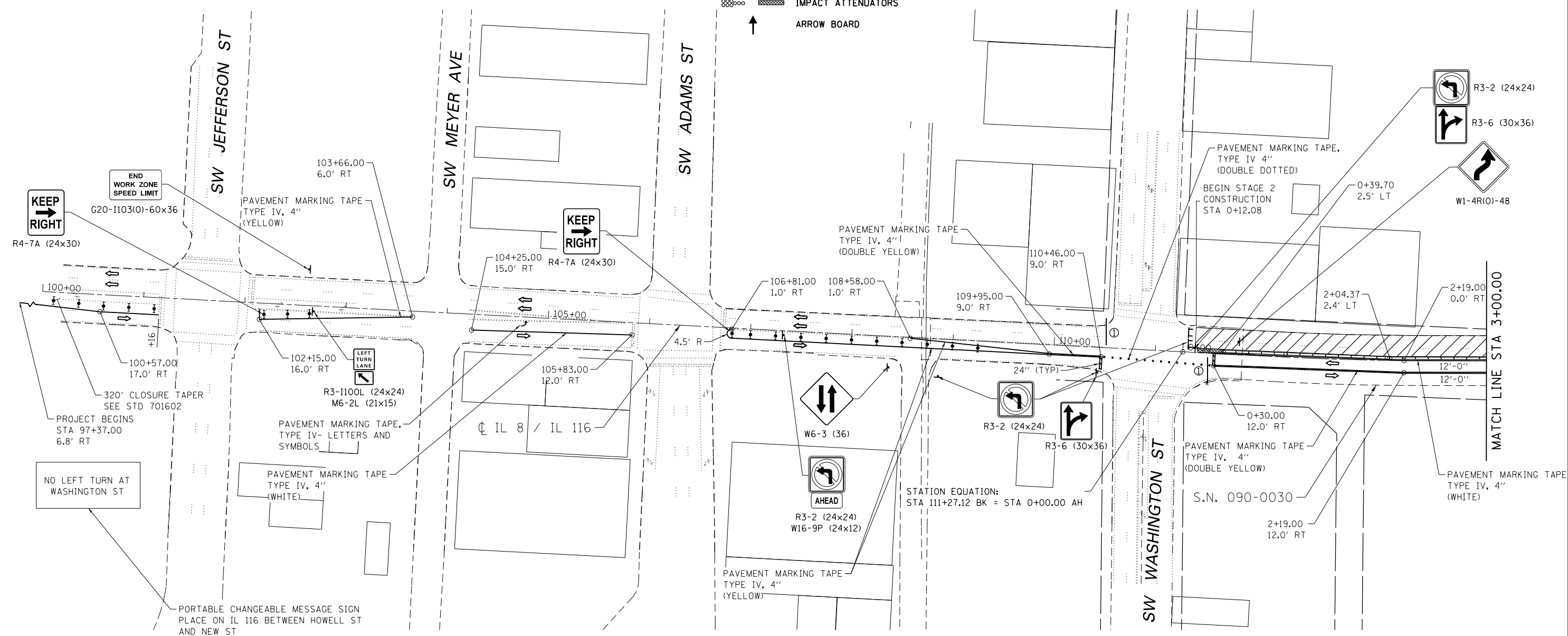
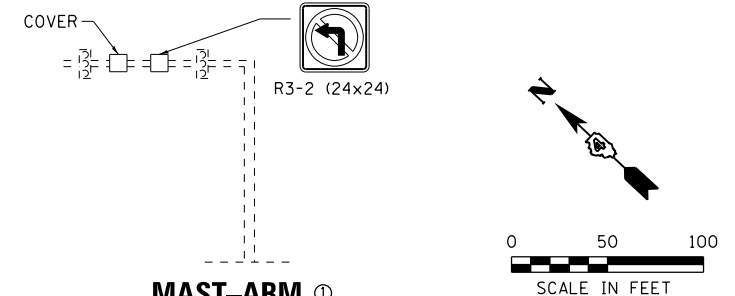
SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	26
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



NOTE:
LEFT TURN SIGNAL(S) FROM WESTBOUND AND EASTBOUND IL 8 / IL 116 SHALL BE DISABLED IN ACCORDANCE WITH THE TRAFFIC SIGNAL COORDINATION SPECIAL PROVISION.

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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

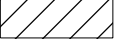







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DEPARTMENT OF TRANSPORTATION**

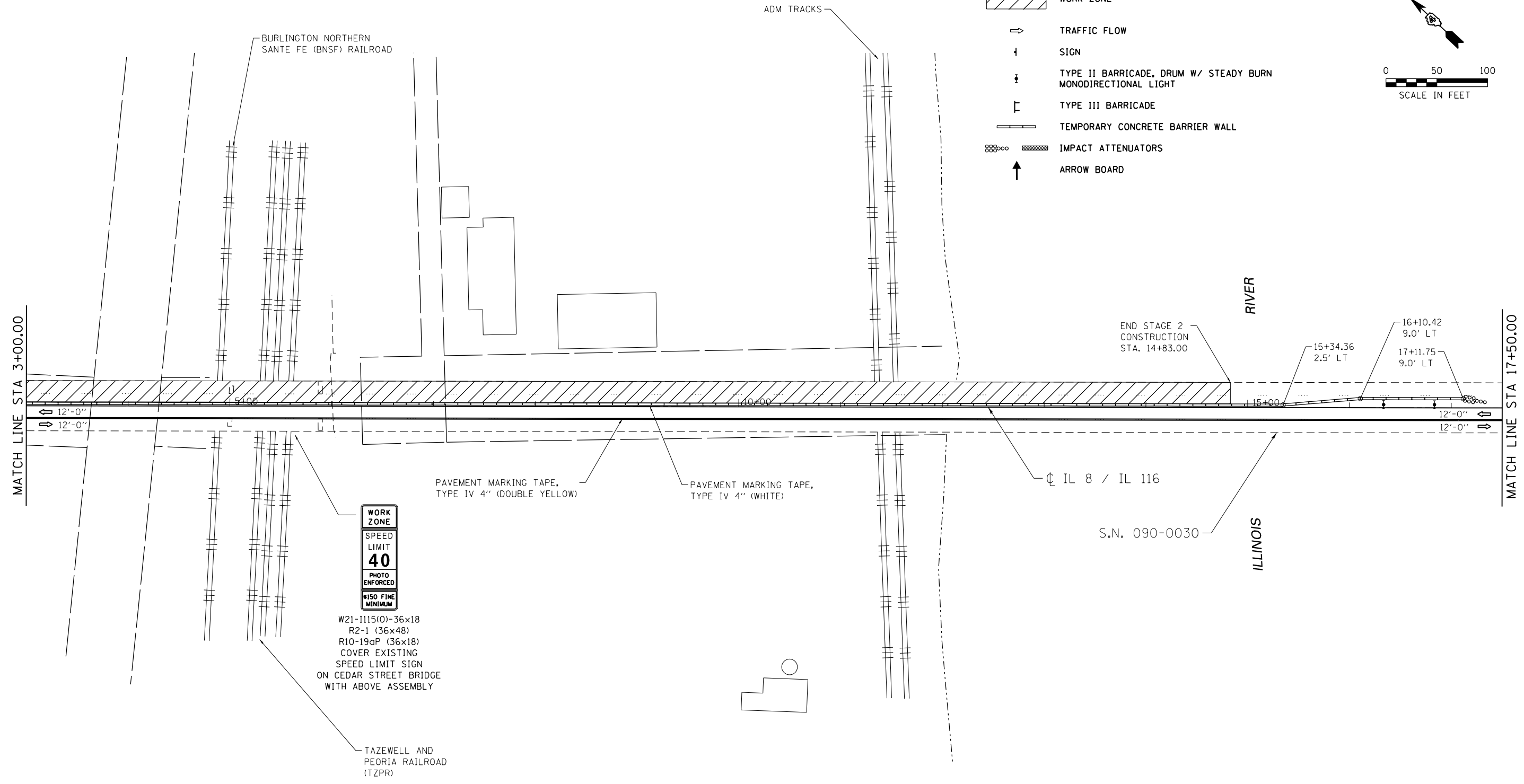
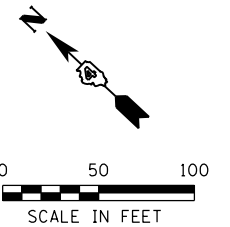
MAINTENANCE OF TRAFFIC - BRIDGE REPAIR			
STAGE 2			
SCALE: 1" = 50'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 27
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

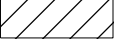







**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 2**

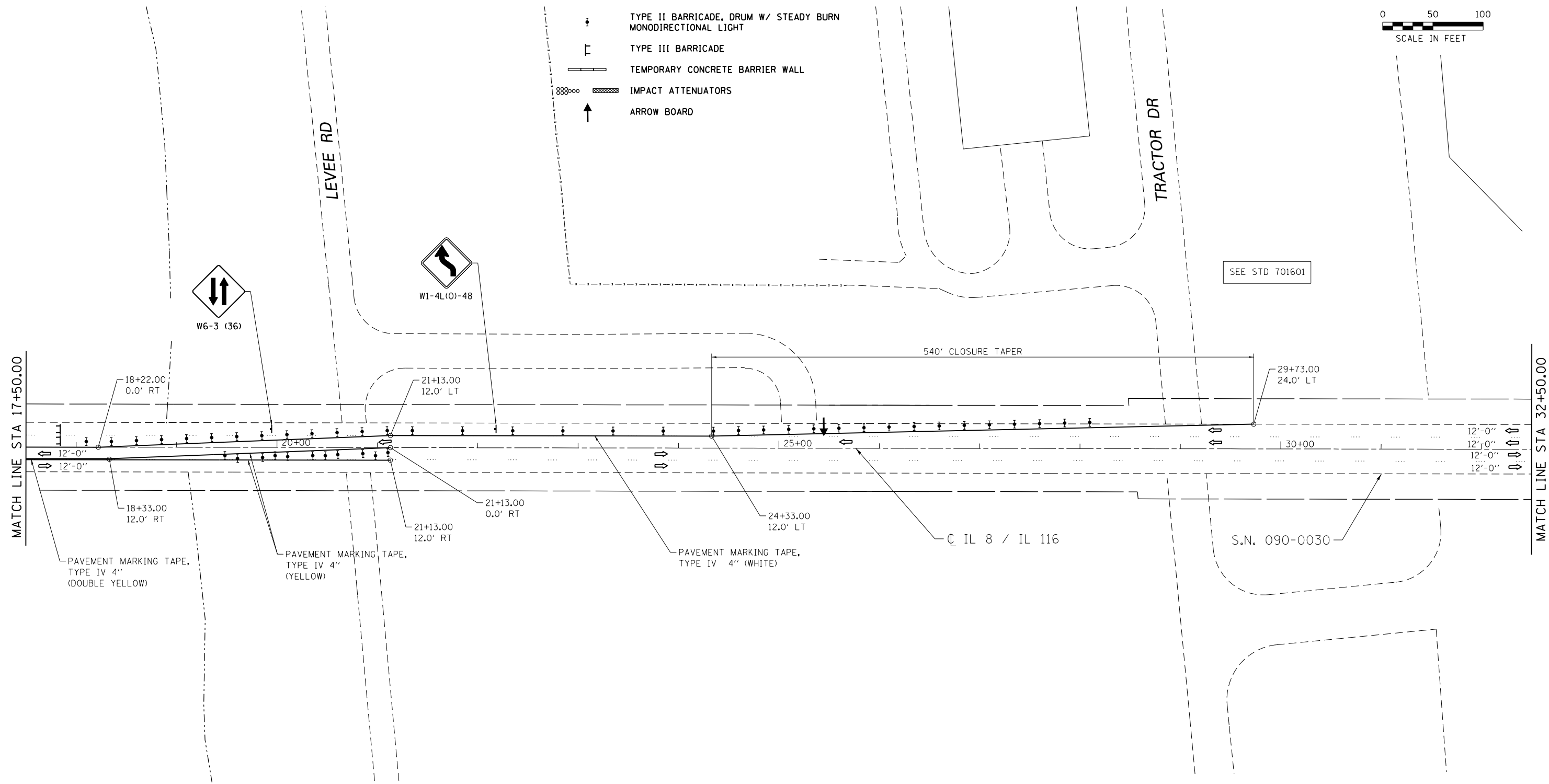
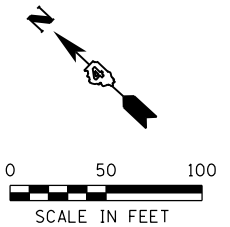
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F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 28
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



FILE NAME = S:\Projects\2015 JOBS\151L004-00 OEI\PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Staging-2.03.dgn
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

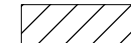







**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 2**

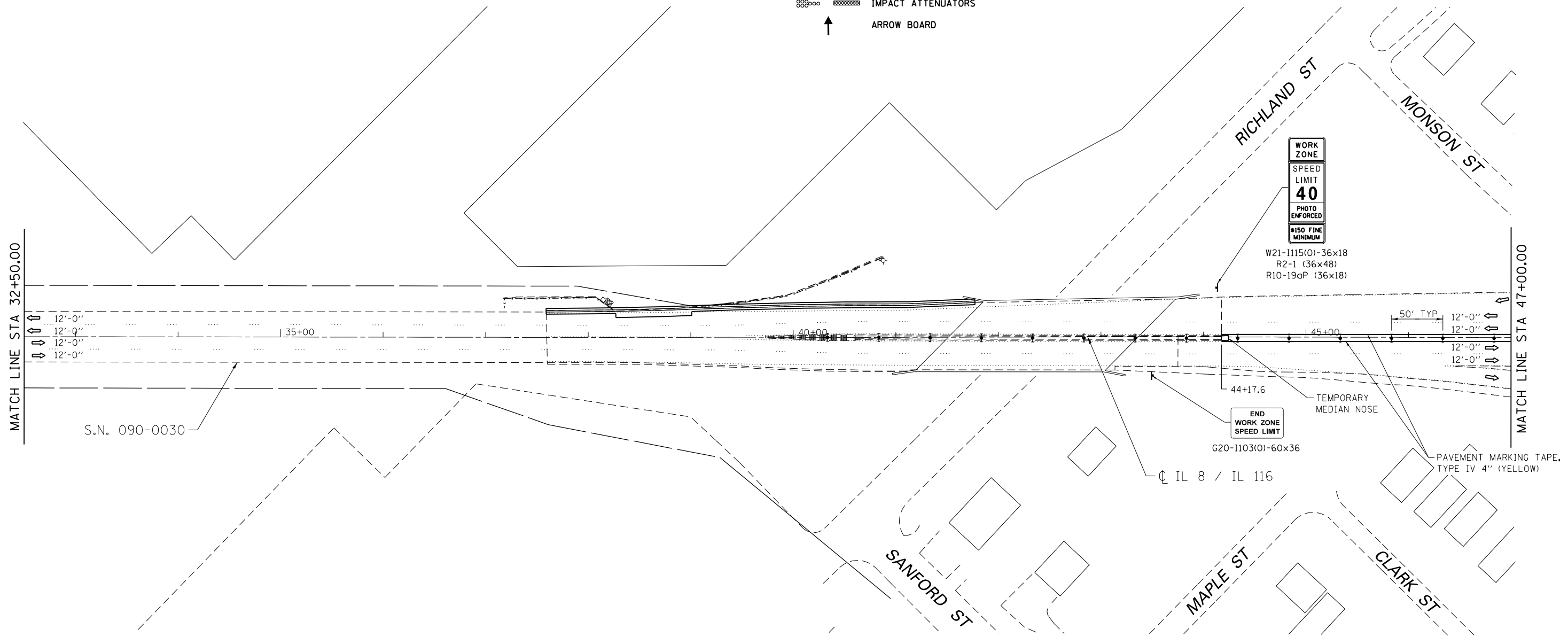
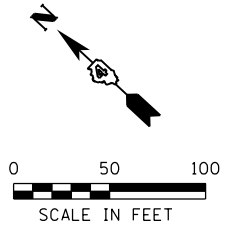
SCALE: 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 29
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEVELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



WORK ZONE
SPEED LIMIT
40
PHOTO ENFORCED
#150 FINE MINIMUM

W21-1115(0)-36x18
R2-1 (36x48)
R10-19aP (36x18)

END WORK ZONE
SPEED LIMIT
G20-1103(0)-60x36

PAVEMENT MARKING TAPE,
TYPE IV 4" (YELLOW)

S.N. 090-0030

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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 2**









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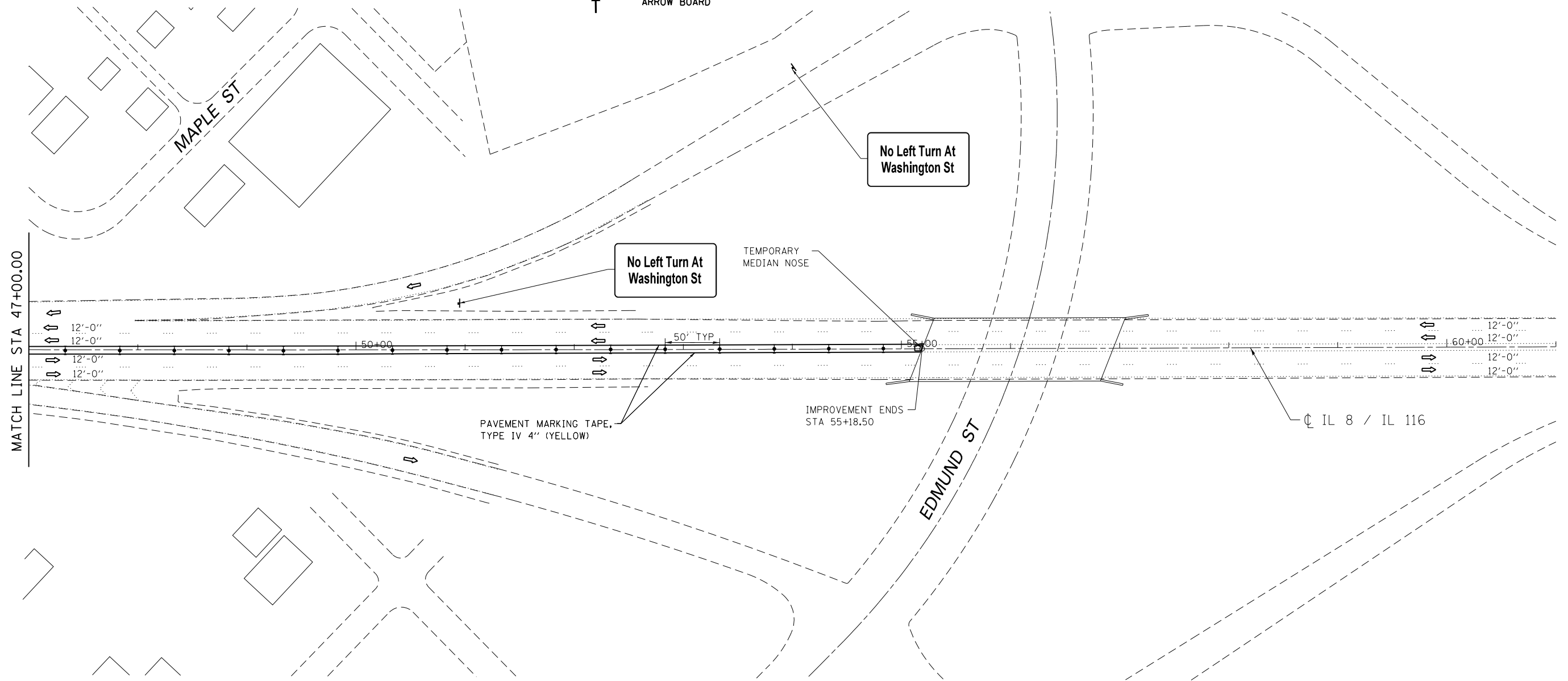
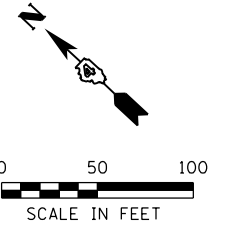
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			CONTRACT NO. 68A93	

(*) PEORIA / TAZEWELL

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STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

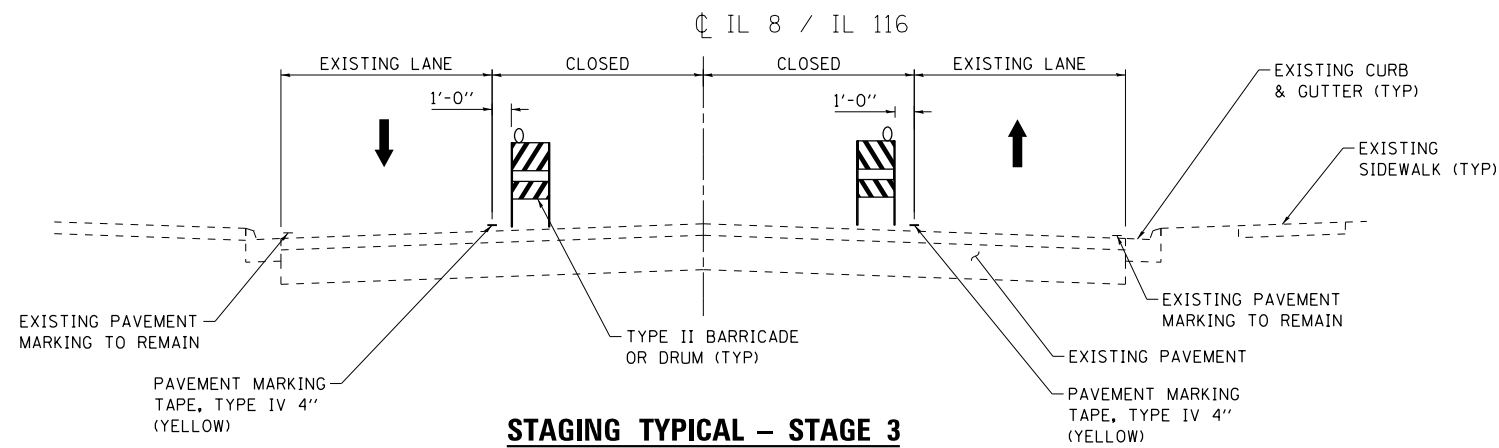
**MAINTENANCE OF TRAFFIC – BRIDGE REPAIR
STAGE 2**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	31
CONTRACT NO. 68A93				

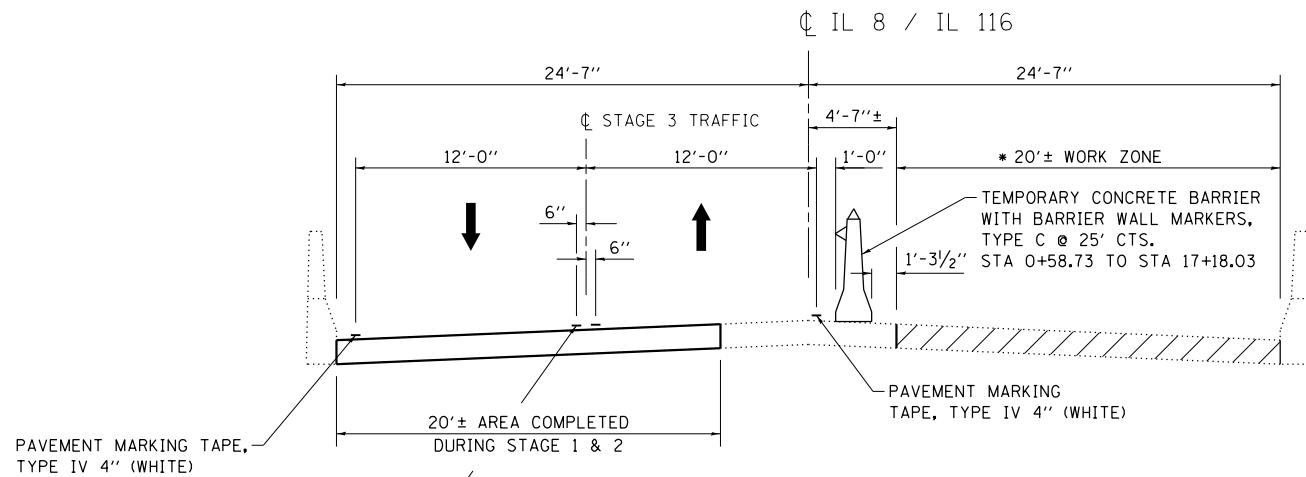
(*) PEORIA / TAZEWELL

ILLINOIS FED. AID PROJECT



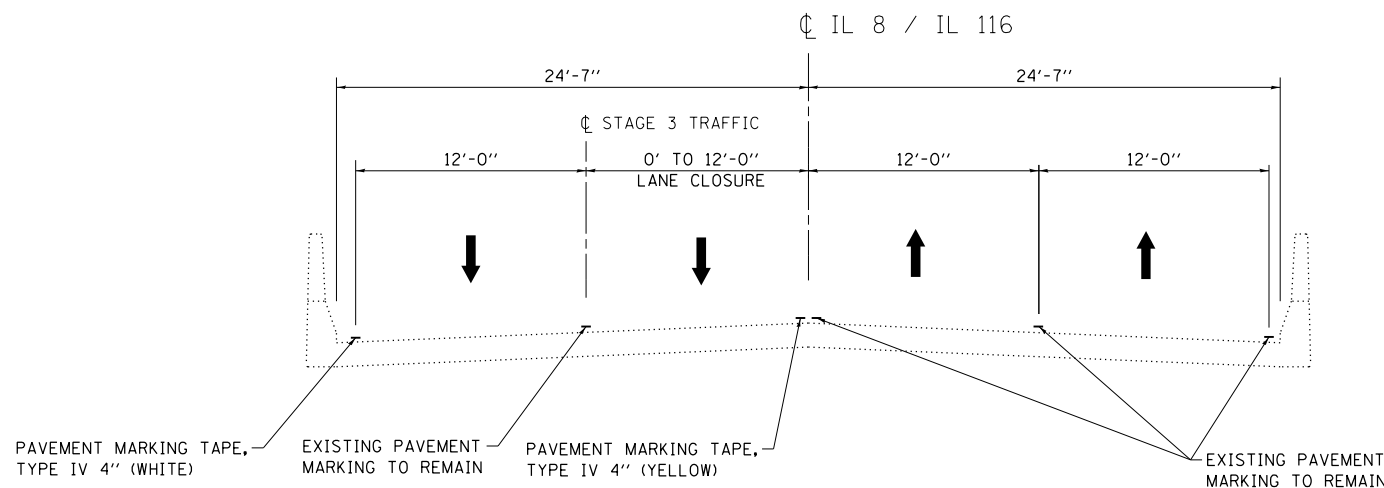
STAGING TYPICAL - STAGE 3

STA 97+37.00 TO STA 00+12.08
 (STA EQUATION: STA 111+27.12 BK = STA 0+00.00 AH)
 LANE CLOSURE STA 97+37.00 TO STA 100+57.00 (EASTBOUND)
 LANE TRANSITION: STA 107+24.00 TO STA 109+56.00 (EASTBOUND)



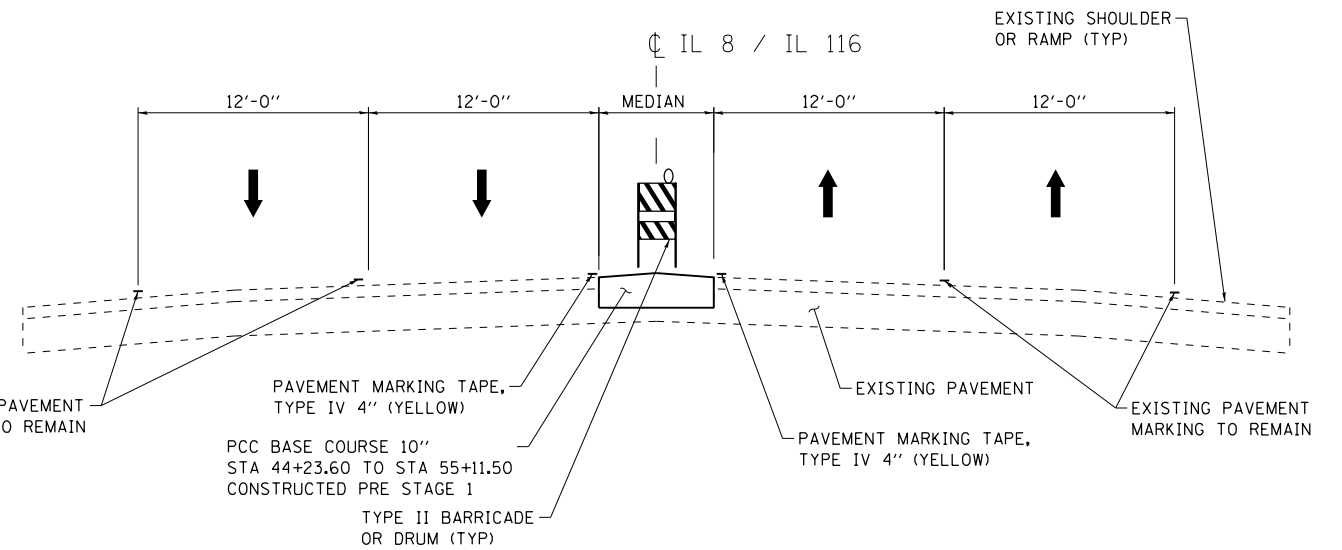
STAGING TYPICAL - STAGE 3

STA 0+12.08 TO STA 21+13.00
 LANE TRANSITION: STA 18+33.00 TO STA 21+13.00 (EASTBOUND)



STAGING TYPICAL - STAGE 3

STA 21+13.00 TO STA 44+17.60
 LANE CLOSURE: STA 21+13.00 TO STA 26+53.00 (WESTBOUND)
 EXISTING MEDIAN: STA 39+72.71 TO STA 44+17.60



STAGING TYPICAL - STAGE 3

STA 44+17.60 TO STA 55+18.50

STAGE 3 STAGING NOTES

1. ADJUST STAGE 2 TRAFFIC CONTROL SIGNING AND DEVICES FOR STAGE 3 TRAFFIC. ALL TRAFFIC CONTROL SIGNING AND DEVICES DETAILED AND NOTED IN STAGE 3 PLANS SHALL BE IN PLACE PRIOR TO BEGINNING ANY BRIDGE REPAIRS UNLESS APPROVED IN WRITING BY THE ENGINEER.
2. WESTBOUND AND EASTBOUND TRAFFIC WILL BE REDUCED TO 1 LANE IN EACH DIRECTION AS DETAILED IN THE PLANS.
3. BOTH LANES OF TRAFFIC WILL BE SHIFTED TO THE NORTH SIDE OF CEDAR STREET BRIDGE WITH TEMPORARY CONCRETE BARRIER DIVIDING TRAFFIC FROM THE WORK ZONE.
4. ALL CONFLICTING EXISTING STRIPING SHALL BE COVERED WITH PAVEMENT MARKING BLACKOUT TAPE, 5".

STAGE 3 CONSTRUCTION NOTES

COMPLETE THE FOLLOWING IMPROVEMENTS TO THE SOUTH SIDE OF CEDAR STREET BRIDGE:

- STRUCTURAL STEEL REPAIRS
- DECK AND PARAPET REPAIRS
- OTHER MISCELLANEOUS REPAIRS AS DETAILED IN THE STRUCTURE PLANS

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DATE - 10/02/2015	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION









MAINTENANCE OF TRAFFIC - NOTES AND TYPICAL SECTIONS
 STAGE 3

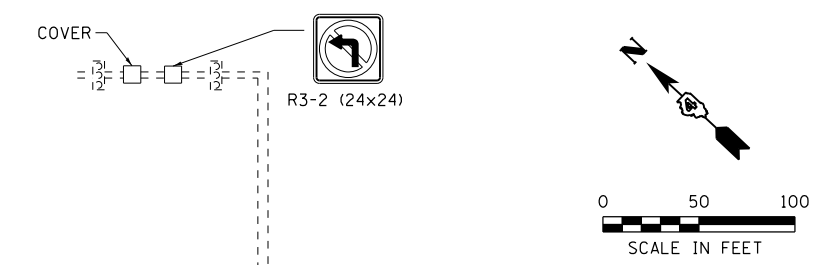
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CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

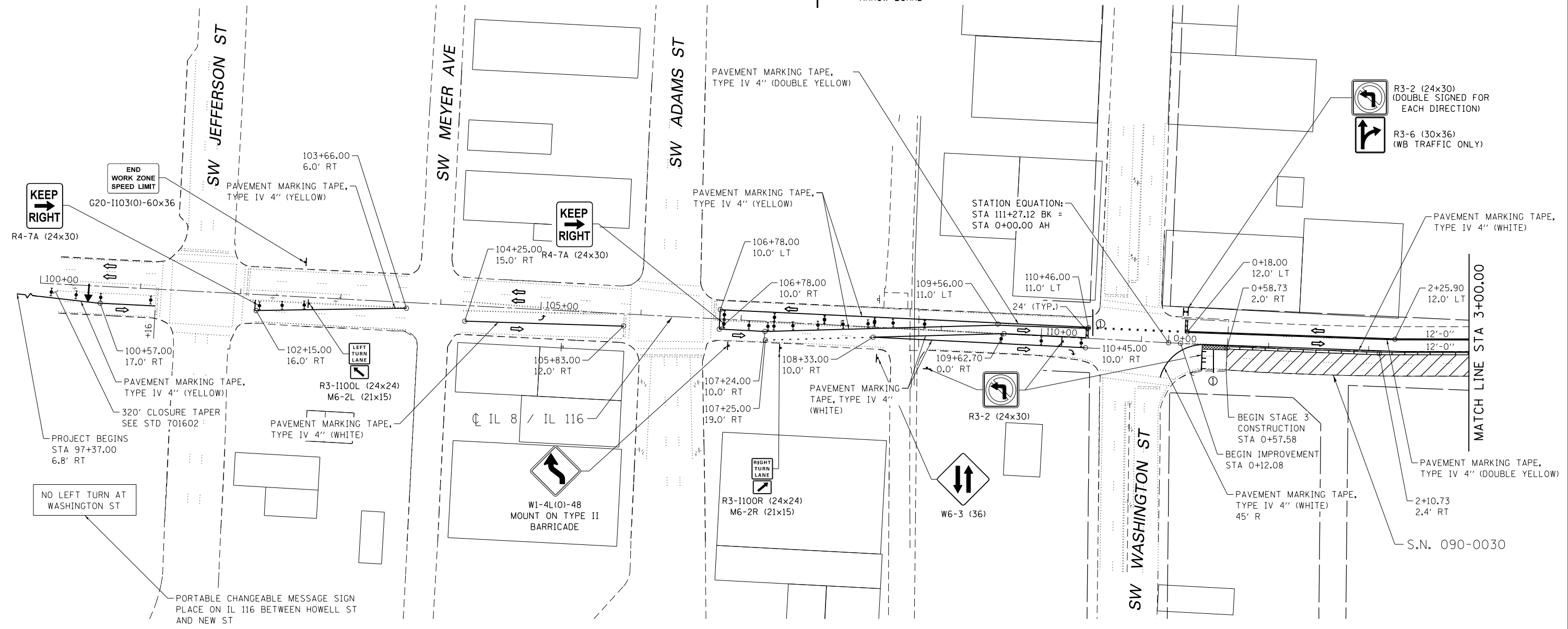
(*) PEORIA / TAZEWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



MAST-ARM ①



NOTE:

LEFT TURN SIGNAL(S) FROM WESTBOUND AND EASTBOUND IL 8 / IL 116 SHALL BE DISABLED IN ACCORDANCE WITH THE TRAFFIC SIGNAL COORDINATION SPECIAL PROVISION.

FILE NAME = S:\Projects\2015\JOBS\151L004-00 OEI\PTB 168-17 D4 Cedar St Bridge\CAD\CADD Sheets\0468A93-sh-t-Staging-3.01.dgn
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PLOT SCALE = 100.0000' / 1"	CHECKED - MCV	REVISED -
PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**









**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 3**

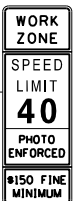
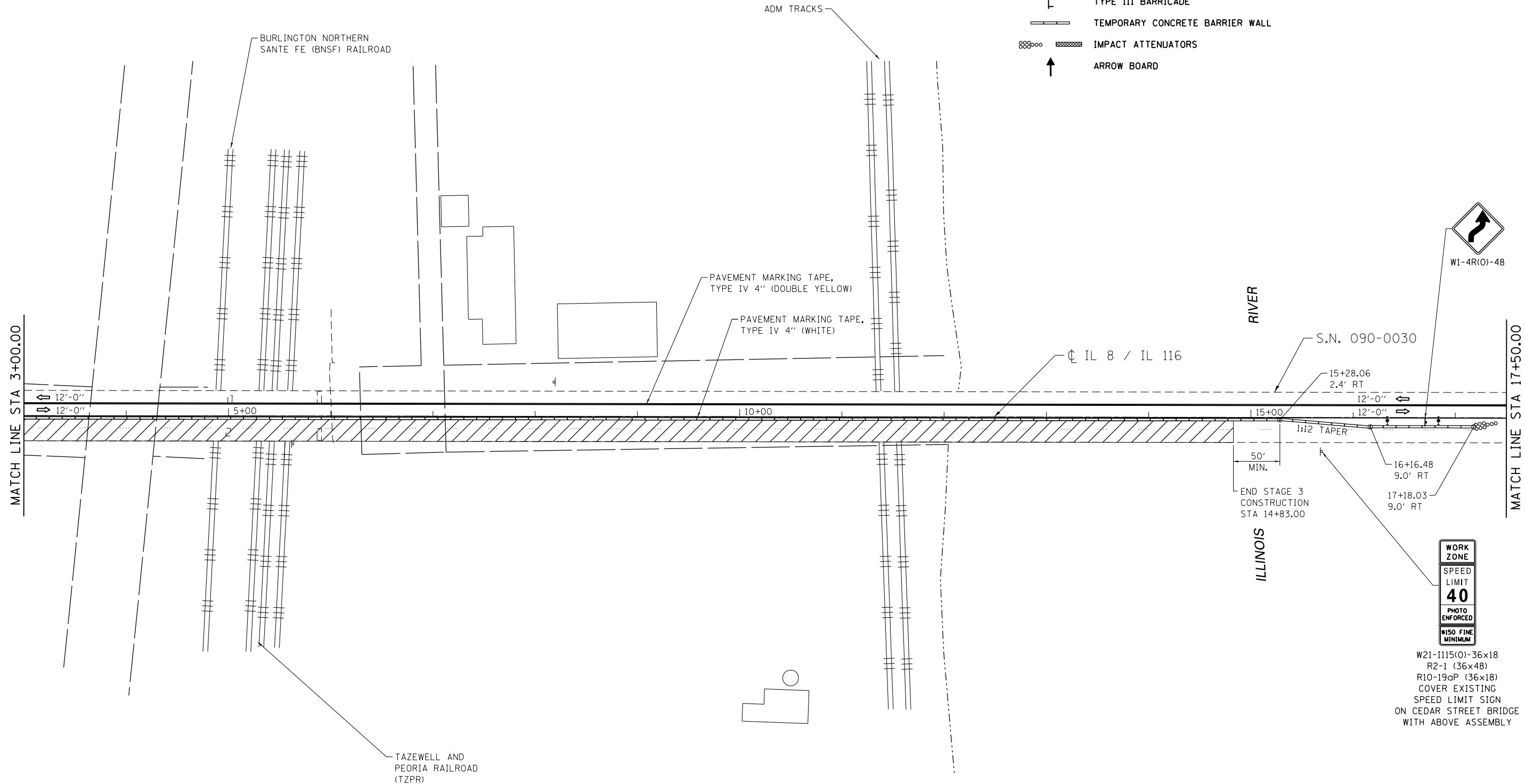
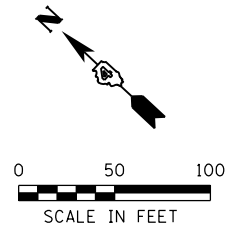
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 33
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



W21-1115(0)-36x18
 R2-1 (36x48)
 R10-19aP (36x18)
 COVER EXISTING
 SPEED LIMIT SIGN
 ON CEDAR STREET BRIDGE
 WITH ABOVE ASSEMBLY

FILE NAME = S:\Projects\2015\JOBS\151L004-00 OEI\PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Staging-3.02.dgn
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USER NAME = rgoertz	DESIGNED - RG	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED - MCV	REVISED -
PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**









**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
 STAGE 3**

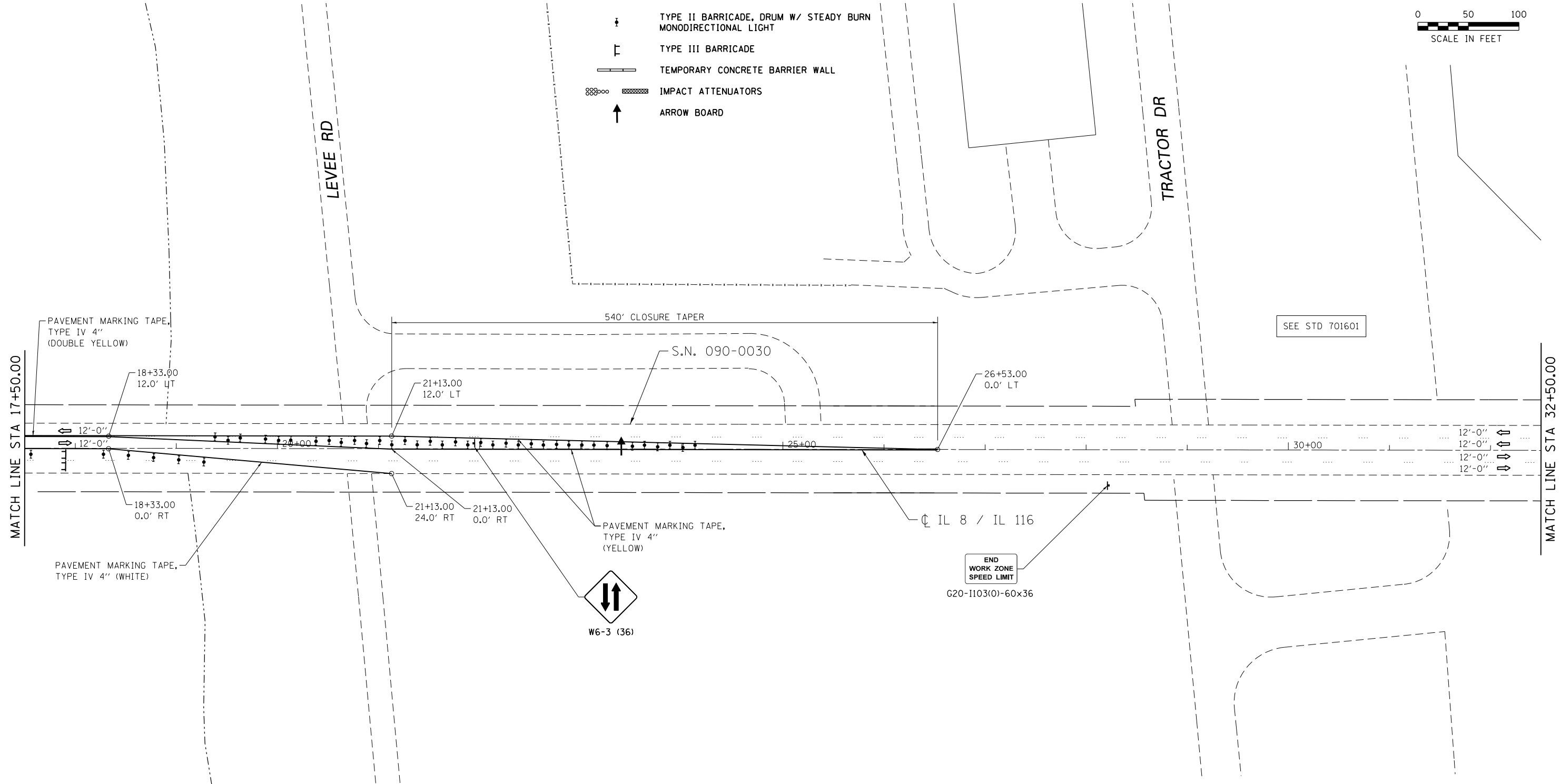
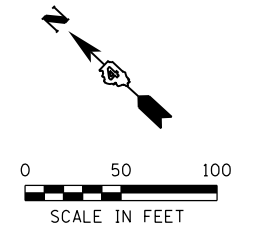
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F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 34
			CONTRACT NO. 68A93	
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TASWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



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 PLOT DRIVER = 151L004 PDF.plt



USER NAME = rgoertz	DESIGNED - RG	REVISED -
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PLOT SCALE = 100.0000' / 1in.	CHECKED - MCV	REVISED -
PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 3**

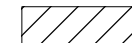







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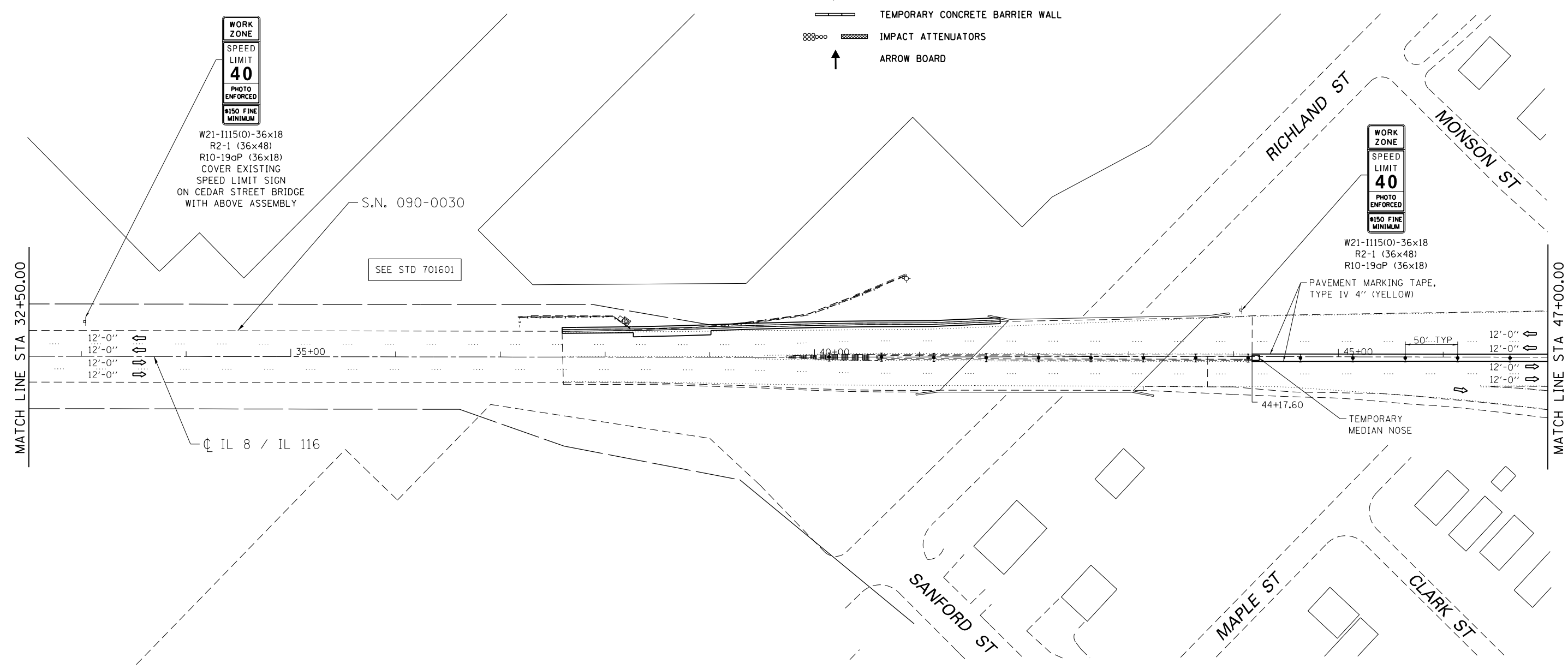
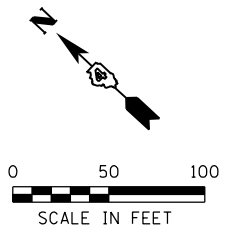
F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 35
CONTRACT NO. 68A93				

(*) PEORIA / TAZEWELL

ILLINOIS FED. AID PROJECT

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



FILE NAME = S:\Projects\2015\JOBS\151L004-00 OEI\PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\D468A93-sht-Staging-3.04.dgn
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USER NAME = rgoertz	DESIGNED - RG	REVISED -
D468A93-sht-Staging-3.04.dgn	DRAWN - RG	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**









**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 3**

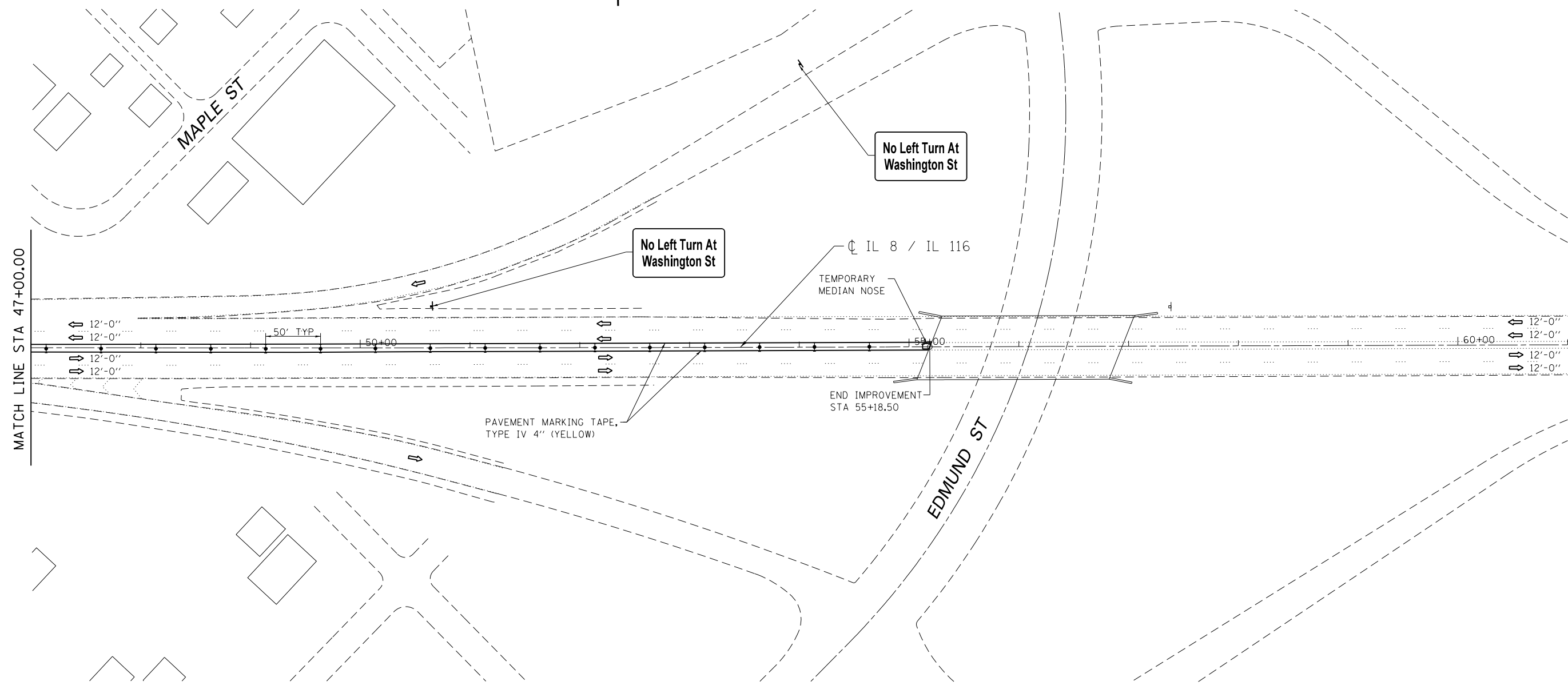
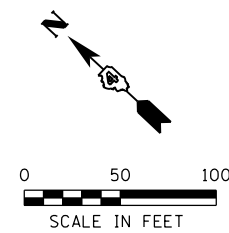
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F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 36
			CONTRACT NO. 68A93	
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

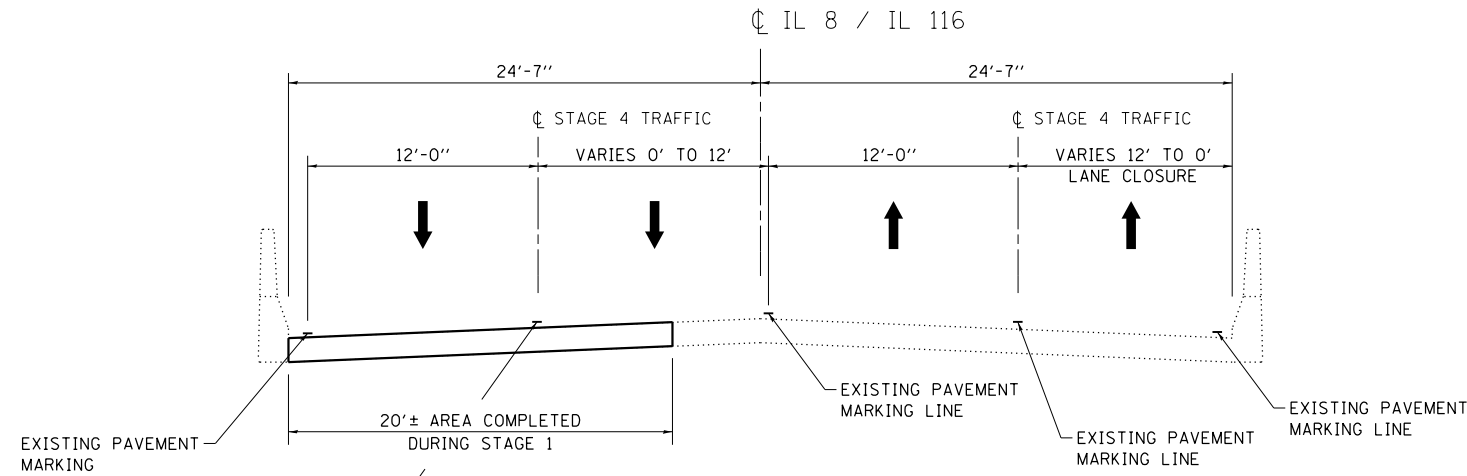
MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 3

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	37
CONTRACT NO. 68A93				

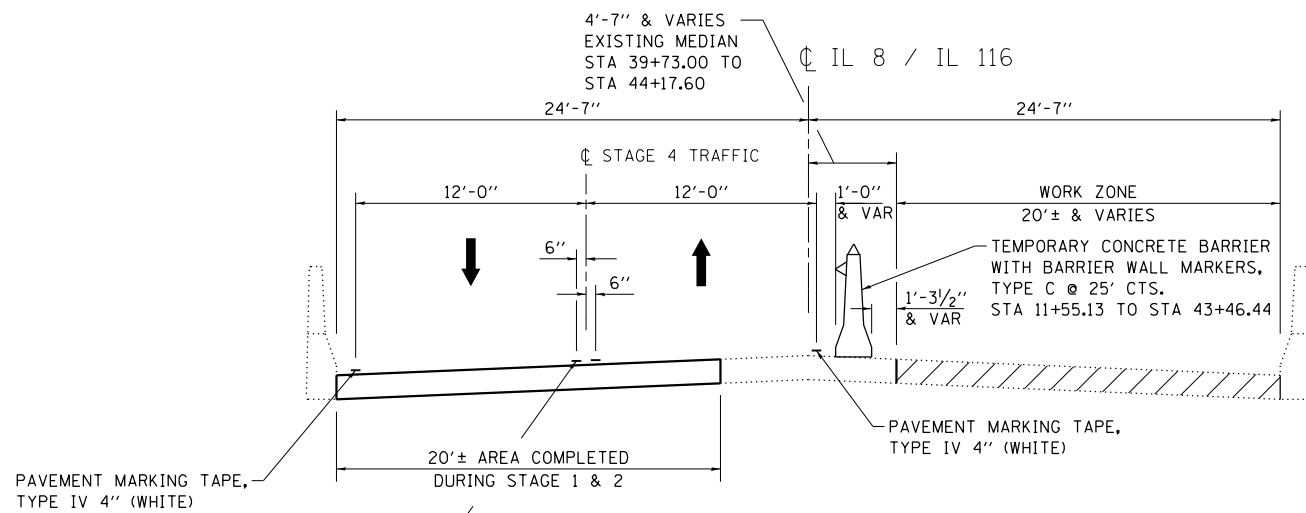
(*) PEORIA / TAZEWELL

ILLINOIS FED. AID PROJECT



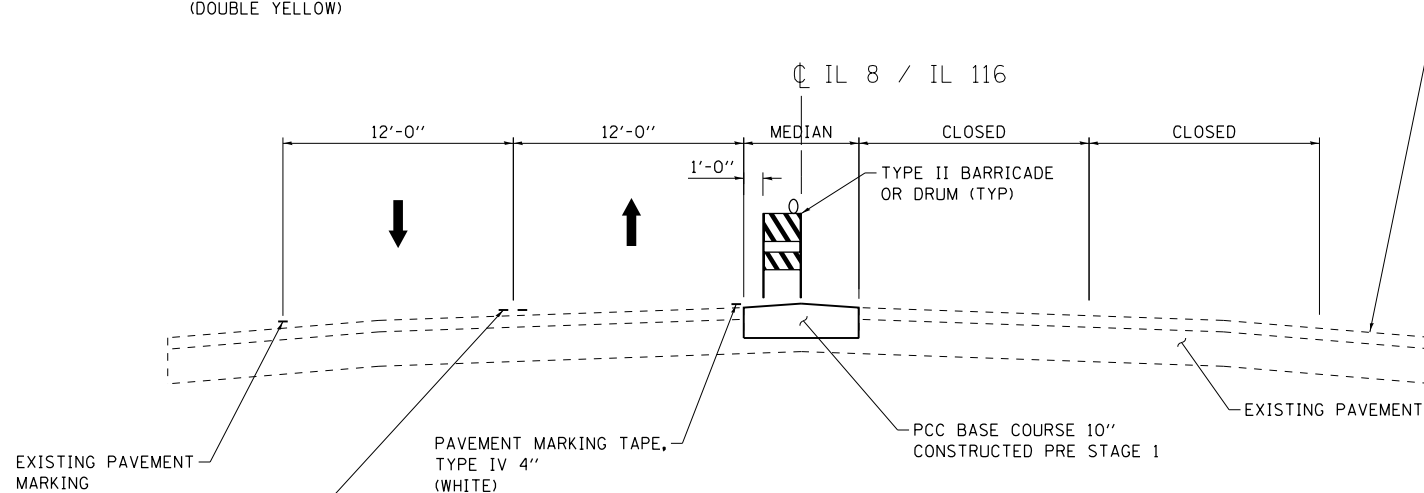
STAGING TYPICAL - STAGE 4

STA 0+12.08 TO STA 10+39.00
 LANE CLOSURE: STA 2+39.00 TO STA 5+59.00 (EASTBOUND)
 LANE TRANSITION: STA 7+59.00 TO STA 10+39.00 (EASTBOUND)



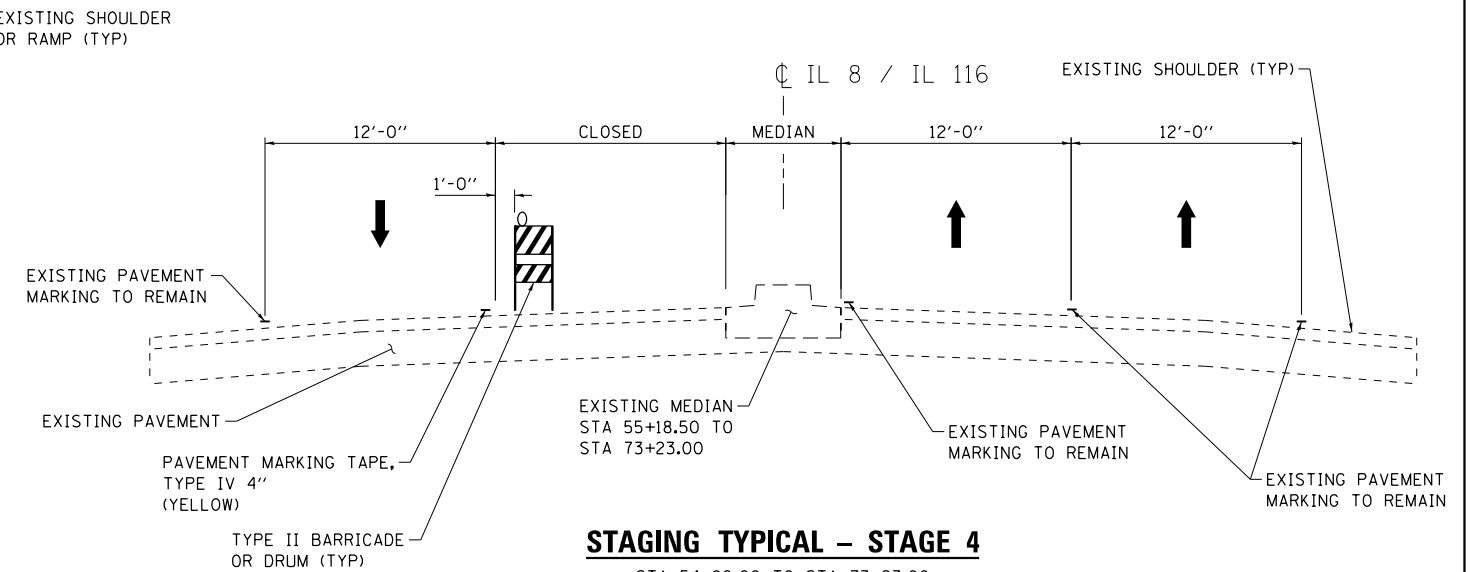
STAGING TYPICAL - STAGE 4

STA 10+39.00 TO STA 44+17.60



STAGING TYPICAL - STAGE 4

STA 44+17.60 TO STA 54+80.00
 LANE TRANSITION: STA 50+05.00 TO STA 54+80.00 (EASTBOUND)



STAGING TYPICAL - STAGE 4

STA 54+80.00 TO STA 73+23.00
 LANE CLOSURE: STA 67+83.00 TO STA 73+23.00 (WESTBOUND)

STAGE 4 STAGING NOTES

1. ADJUST STAGE 3 TRAFFIC CONTROL SIGNING AND DEVICES FOR STAGE 4 TRAFFIC. ALL TRAFFIC CONTROL SIGNING AND DEVICES DETAILED AND NOTED IN STAGE 4 PLANS SHALL BE IN PLACE PRIOR TO BEGINNING ANY BRIDGE REPAIRS UNLESS APPROVED IN WRITING BY THE ENGINEER.
2. WESTBOUND AND EASTBOUND TRAFFIC WILL BE REDUCED TO 1 LANE IN EACH DIRECTION AS DETAILED IN THE PLANS.
3. BOTH LANES OF TRAFFIC WILL BE SHIFTED TO THE NORTH SIDE OF CEDAR STREET BRIDGE WITH TEMPORARY CONCRETE BARRIER DIVIDING TRAFFIC FROM THE WORK ZONE.
4. ALL CONFLICTING EXISTING STRIPING SHALL BE COVERED WITH PAVEMENT MARKING BLACKOUT TAPE, 5".

STAGE 4 CONSTRUCTION NOTES

COMPLETE THE FOLLOWING IMPROVEMENTS TO THE SOUTH SIDE OF CEDAR STREET BRIDGE:

- STRUCTURAL STEEL REPAIRS
- DECK AND PARAPET REPAIRS
- OTHER MISCELLANEOUS REPAIRS AS DETAILED IN THE STRUCTURE PLANS

FILE NAME = S:\Projects\2015 JOBS\151L004-00 OEI PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Staging-4_Typ.dgn
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USER NAME = rgoertz	DESIGNED - RG	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION









MAINTENANCE OF TRAFFIC - NOTES AND TYPICAL SECTIONS
 STAGE 4

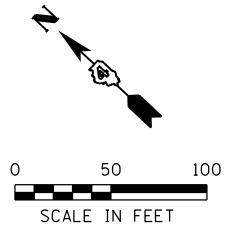
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	38
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**









**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 4**

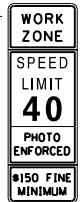
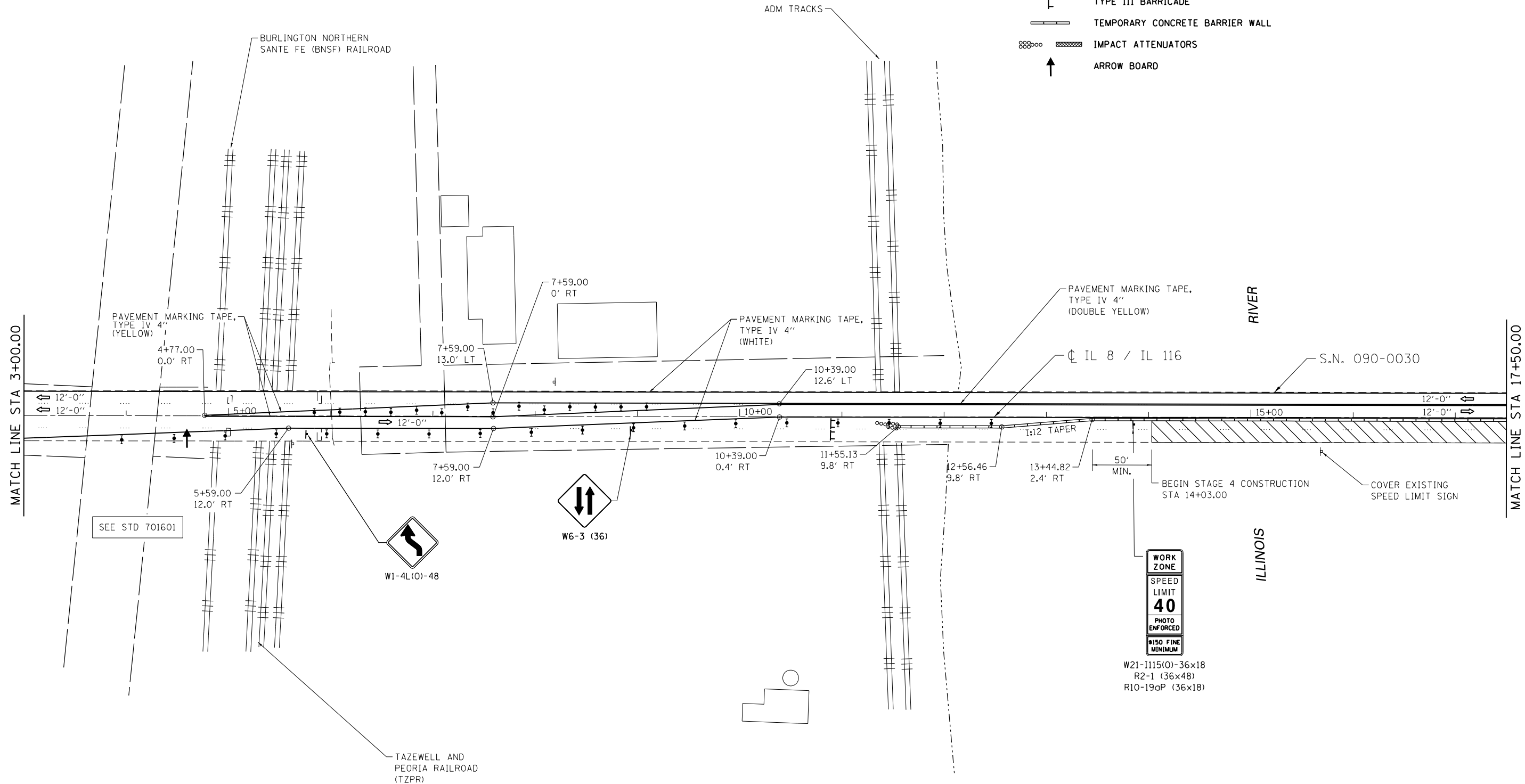
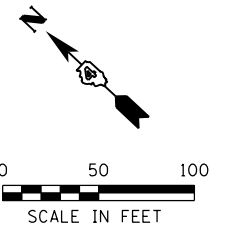
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F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (+)	TOTAL SHEETS 180	SHEET NO. 39
			CONTRACT NO. 68A93	
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEVELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



W21-I115(O)-36x18
R2-1 (36x48)
R10-19aP (36x18)

FILE NAME = S:\Projects\2015\JOBS\151L004-00 OEI\PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Staging-4.02.dgn
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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

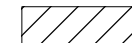







**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 4**

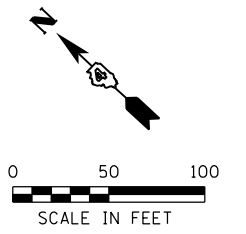
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F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 40
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



W21-1115(0)-36x18
R2-1 (36x48)
R10-19aP (36x18)
COVER EXISTING
SPEED LIMIT SIGN
ON CEDAR STREET BRIDGE
WITH ABOVE ASSEMBLY

S.N. 090-0030

PAVEMENT MARKING TAPE,
TYPE IV 4"
(DOUBLE YELLOW)

PAVEMENT MARKING TAPE,
TYPE IV 4"
(WHITE)

EXISTING MEDIAN TO REMAIN

EXISTING JOINT

SEE STD 701411



MATCH LINE STA 32+50.00

MATCH LINE STA 47+00.00

12'-0"

35+00

12'-0"

46+00.00
2.5' LT

IL 8 / IL 116

39+41.47
2.5' RT
40+42.44
11.0' RT

43+46.44
11.0' RT
44+40.00
2.5' LT

PAVEMENT MARKING TAPE,
TYPE IV 4"
(WHITE)

END STAGE 4 CONSTRUCTION
STA 41+10.90

TEMPORARY
MEDIAN NOSE

SEE STD 701411

PROPOSED CONCRETE BARRIER
REPAIRS

SANFORD ST

MAPLE ST

CLARK ST

RICHLAND ST

MONSON ST

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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION









MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 4

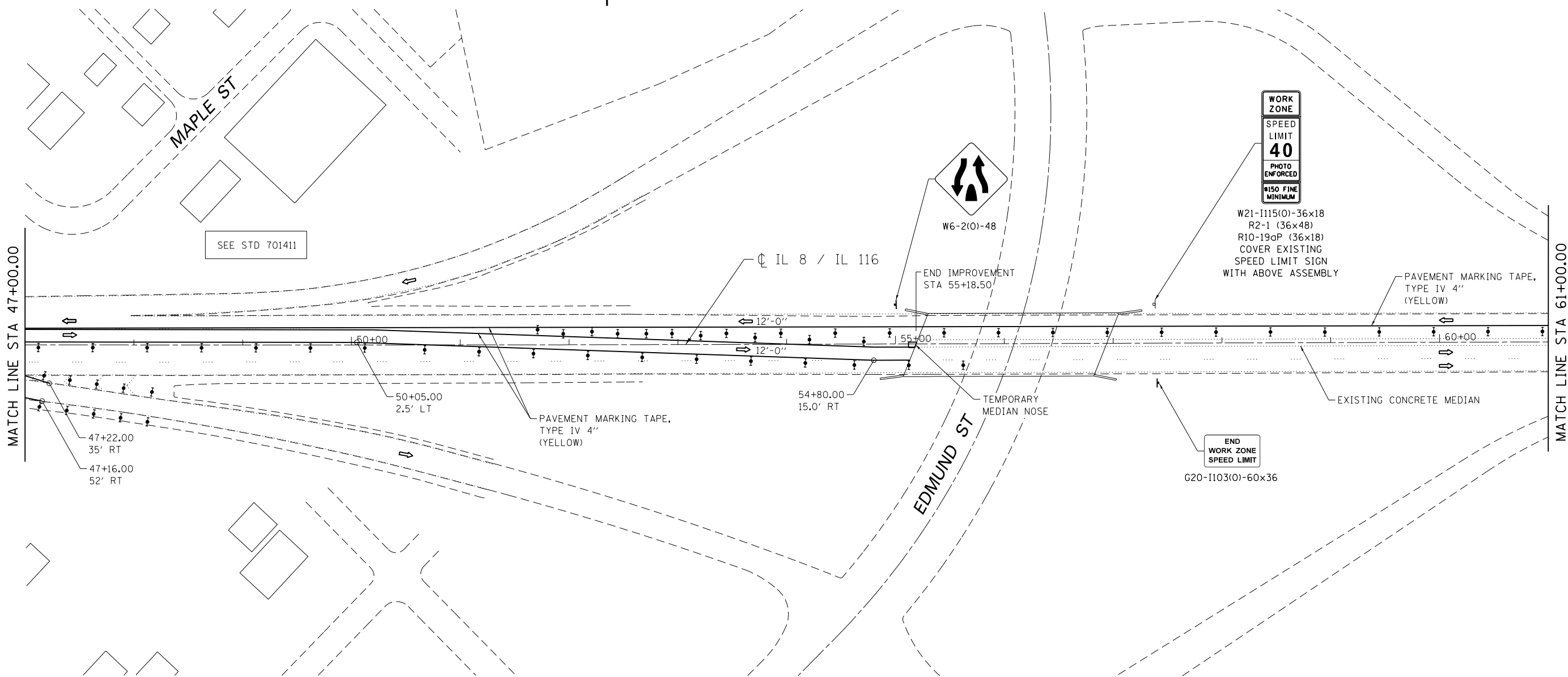
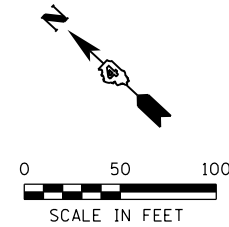
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F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 42
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEVELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 4**

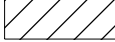







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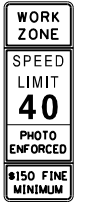
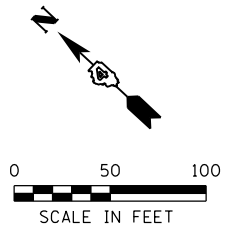
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CONTRACT NO. 68A93				

(*) PEORIA / TAZEVELL

ILLINOIS FED. AID PROJECT

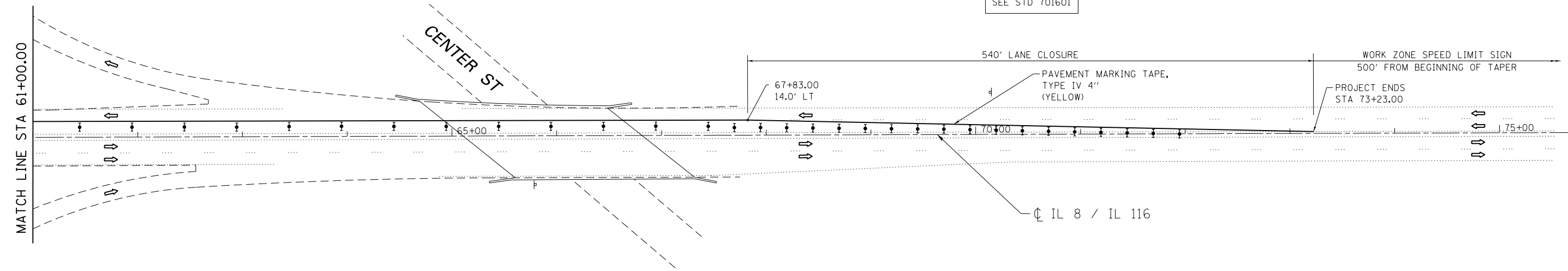
STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



W21-1115(0)-36x18
R2-1 (36x48)
R10-19dP (36x18)

SEE STD 701601



FILE NAME = S:\Projects\2015\151L004-00 OEI\PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Staging-4.dgn
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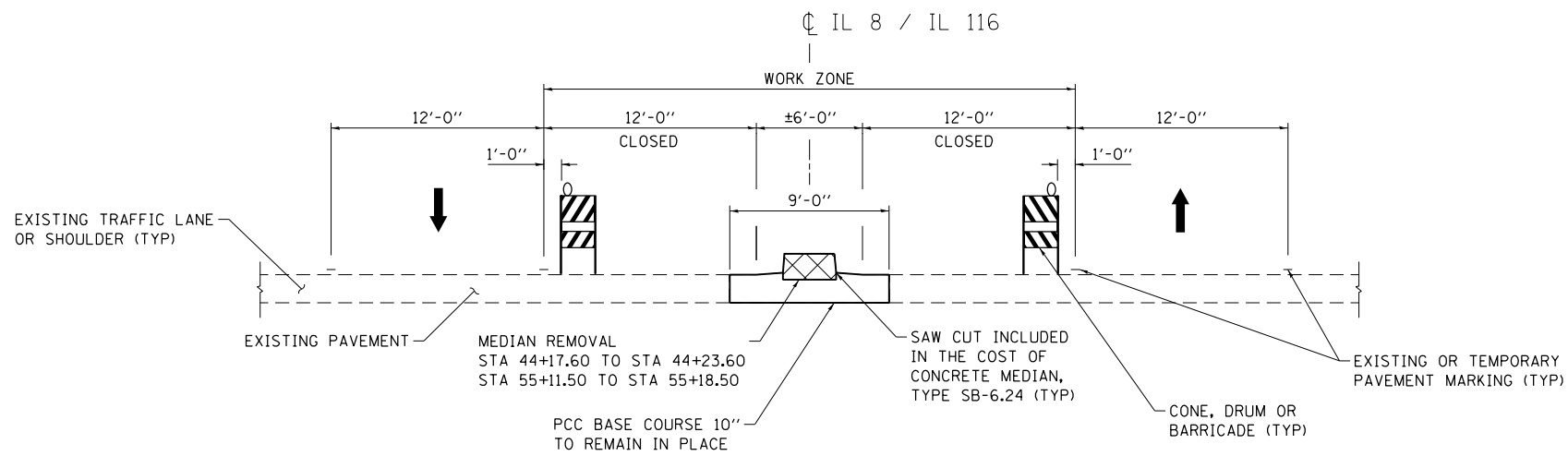
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - BRIDGE REPAIR
STAGE 4**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

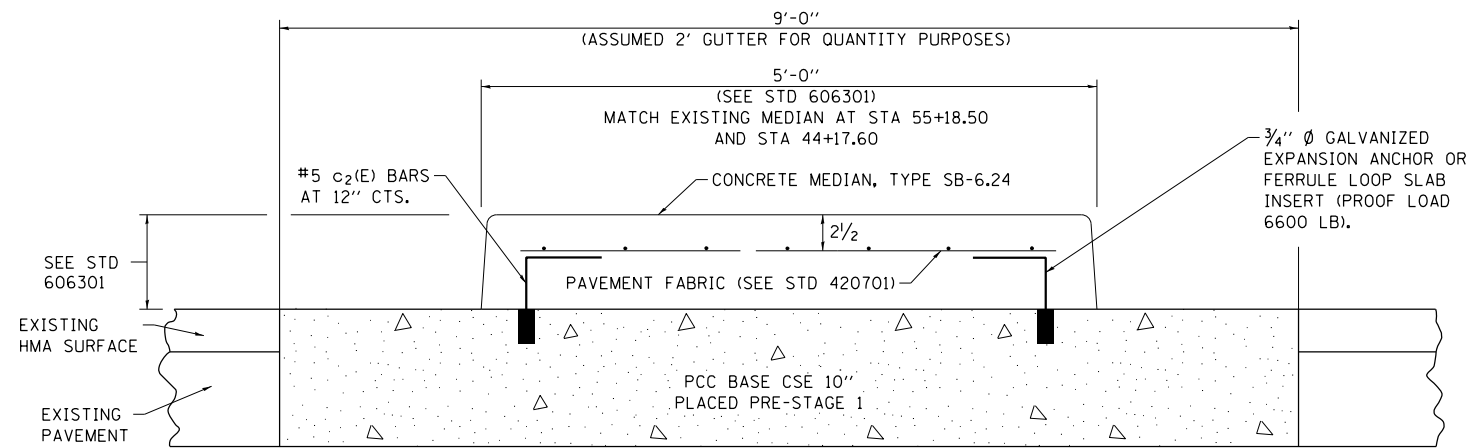
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669	(103B)-7	(*)	180	44
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL



STAGING TYPICAL – POST STAGE 4

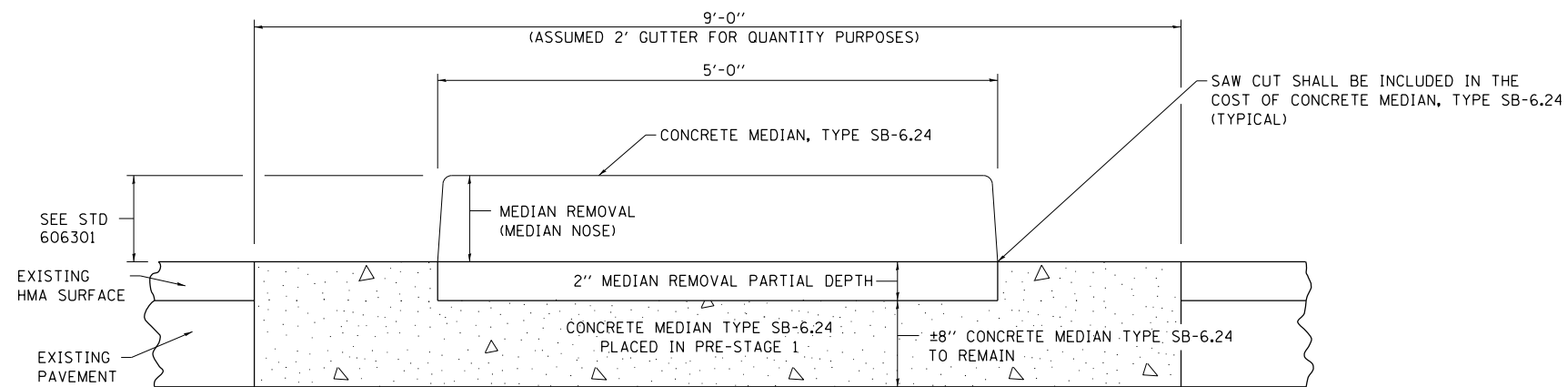
STA 38+77.60 TO STA 60+58.50
 LANE CLOSURE: STA 38+77.60 TO STA 44+17.60 (EASTBOUND)
 LANE CLOSURE: STA 55+18.50 TO STA 60+58.50 (WESTBOUND)
 MEDIAN WORK: STA 44+17.60 TO STA 55+18.50



CONCRETE MEDIAN, TYPE SB-6.24

STA 44+23.60 TO STA 55+11.50

THE COST OF #5 BARS, PAVEMENT FABRIC AND EXPANSION ANCHORS / INSERTS SHALL BE INCLUDED IN THE COST OF CONCRETE MEDIAN, TYPE SB-6.24



MEDIAN NOSE REMOVAL AND CONCRETE MEDIAN CONSTRUCTION

STA 44+17.60 TO STA 44+23.60
 STA 55+11.50 TO STA 55+18.50

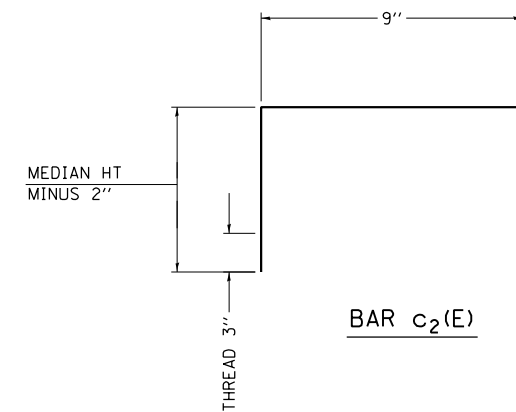
THE COST OF #5 BARS, PAVEMENT FABRIC AND EXPANSION ANCHORS / INSERTS SHALL BE INCLUDED IN THE COST OF CONCRETE MEDIAN, TYPE SB-6.24

POST STAGE 4 STAGING NOTES

1. FOLLOWING STAGE 4 CONSTRUCTION, THE CONTRACTOR SHALL PLACE ALL SIGNAGE, DELINEATORS, AND TEMPORARY PAVEMENT MARKING AS DETAILED IN THE PLANS.
2. WESTBOUND AND EASTBOUND TRAFFIC WILL BE REDUCED TO 1 LANE IN EACH DIRECTION AS DETAILED IN THE PLANS.

POST STAGE 4 CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL REMOVE TEMPORARY MEDIAN NOSES PLACED IN PRE-STAGE 1 AS SHOWN ON THE DETAIL ON THIS SHEET AND CONSTRUCT CONCRETE MEDIAN, TYPE SB-6.24 OF VARIABLE WIDTH TO MATCH EXISTING CONDITIONS. WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 606 OF THE STANDARD SPECIFICATIONS, STANDARD 606301, AND THE DETAIL SHOWN ON THIS SHEET.



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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION







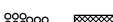

MAINTENANCE OF TRAFFIC – NOTES AND TYPICAL SECTION
 POST STAGE 4

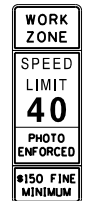
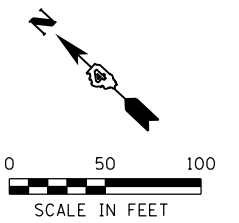
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	45
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

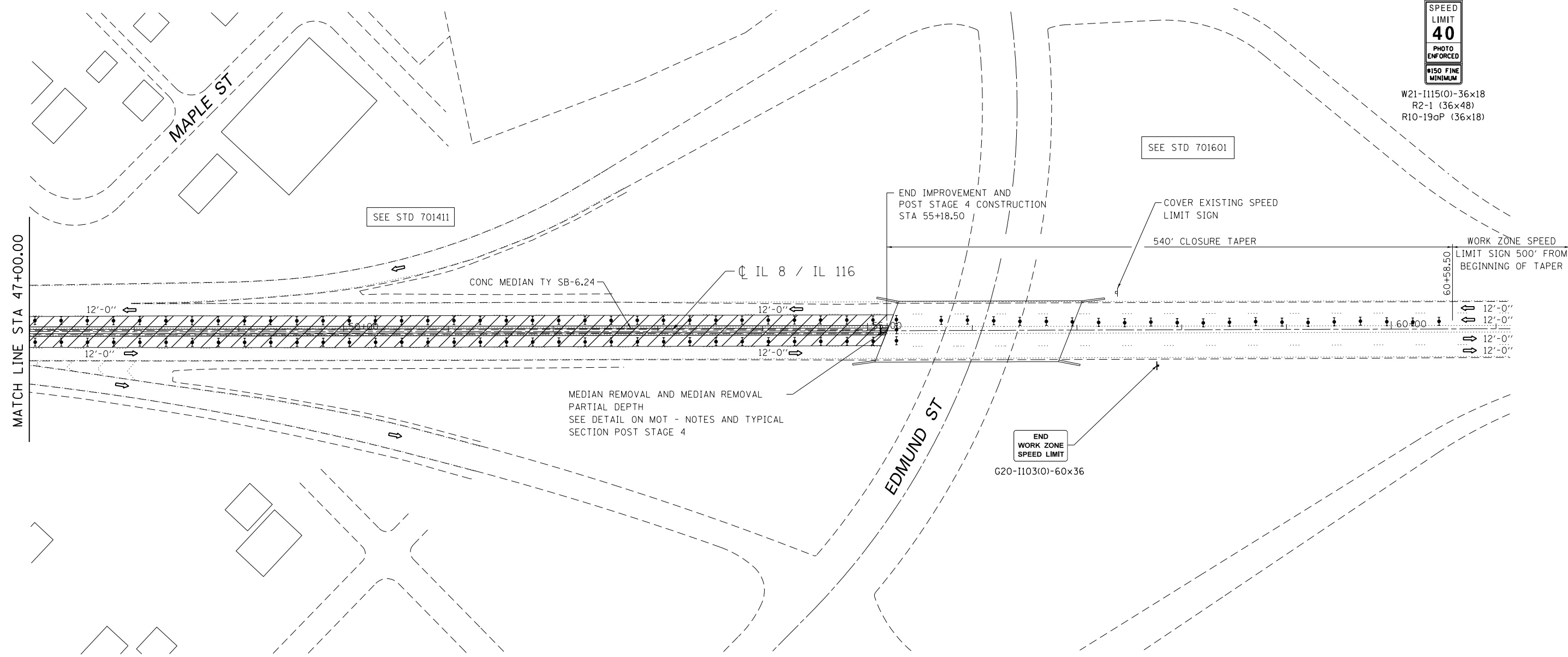
(*) PEORIA / TAZEWELL

STAGING LEGEND

-  WORK ZONE
-  TRAFFIC FLOW
-  SIGN
-  TYPE II BARRICADE, DRUM W/ STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATORS
-  ARROW BOARD



W21-1115(0)-36x18
R2-1 (36x48)
R10-19aP (36x18)



MEDIAN REMOVAL AND MEDIAN REMOVAL
PARTIAL DEPTH
SEE DETAIL ON MOT - NOTES AND TYPICAL
SECTION POST STAGE 4

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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

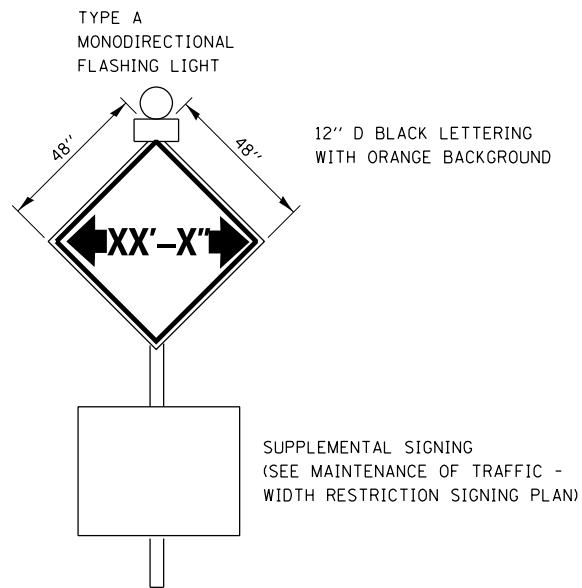
**MAINTENANCE OF TRAFFIC - MEDIAN RECONSTRUCTION
POST STAGE 4**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	47
CONTRACT NO. 68A93				

(*) PEORIA / TAZEVELL

ILLINOIS FED. AID PROJECT



TO BE POST MOUNTED AND PLACED AS DETERMINED BY THE ENGINEER.

THE ENGINEER WILL NOTIFY DISTRICT 4 TRAFFIC CONTROL SUPERVISOR 21 CALENDAR DAYS PRIOR TO INSTALLING ANY TRAFFIC CONTROL DEVICES THAT WILL RESTRICT THE PAVEMENT WIDTH.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE ENGINEER TO MEET THIS REQUIREMENT.

COST OF SUPPLYING, INSTALLING, MAINTAINING AND REMOVING ALL WIDTH RESTRICTION SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION PAY ITEMS.

SEE SPECIAL PROVISIONS.

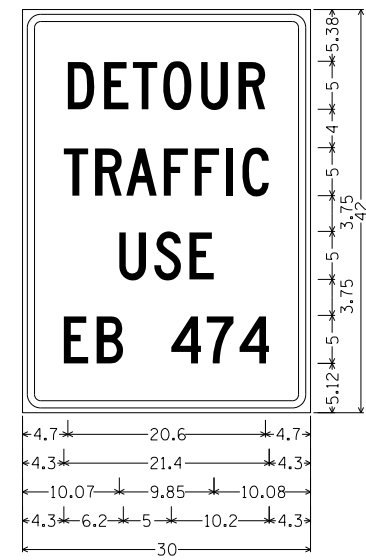
WIDTH RESTRICTION SIGNING DETAILS



1.50" Radius, 0.63" Border, 0.38" Indent, Black on Orange;
[ALL TRAFFIC] C 2K; [MUST EXIT] C 2K;
Table of letter and object lefts.

A	L	L	T	R	A	F	F	I	C
5.95	9.85	13.10	20.65	23.90	27.15	31.05	34.30	37.55	39.25
M	U	S	T	E	X	I	T		
9.28	13.68	17.33	20.58	28.13	31.13	34.78	36.17		

**SIGN PANEL DETAIL
SP-1**



1.88" Radius, 0.75" Border, 0.50" Indent, Black on Orange;
[DETOUR] C 2K; [TRAFFIC] C 2K;
[USE] C 2K; [EB 474] C 2K;
Table of letter and object lefts.

D	E	T	O	U	R	T	R	A	F	I	C
4.70	8.50	11.50	14.65	18.60	22.50	4.30	7.55	10.80	14.70	17.95	21.20
U	S	E	E	B	4	7	4				
10.07	13.72	17.37	4.30	7.70	15.50	19.20	22.60				

**SIGN PANEL DETAIL
SP-2**



1.88" Radius, 0.75" Border, 0.50" Indent, Black on Orange;
[No Left Turn] C 2K; [At Washington St] C 2K;
Table of letter and object lefts.

N	o	L	e	f	t	T	u	r	n		
11.53	15.18	22.73	25.73	28.68	30.38	37.17	40.28	43.72	45.93		
A	t	W	a	s	h	i	n	g	t	o	n
5.35	8.75	15.55	19.70	22.70	25.40	28.80	30.40	33.65	36.70	38.85	42.15
S	t										
		49.70	52.85								

**SIGN PANEL DETAIL
SP-3**

FILE NAME = S:\Projects\2015 JOBS\151L004-00 OEI PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Staging-Sign.dgn
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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

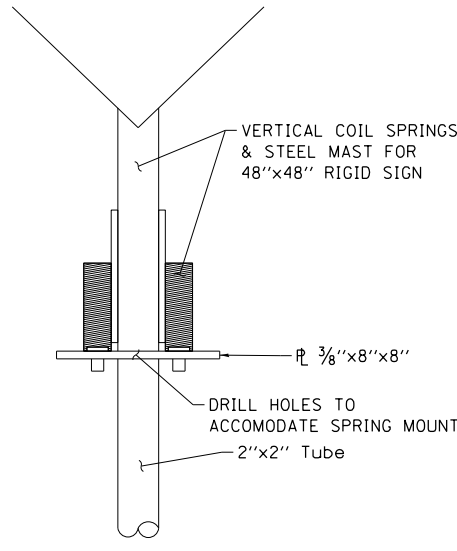
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - SIGN DETAILS

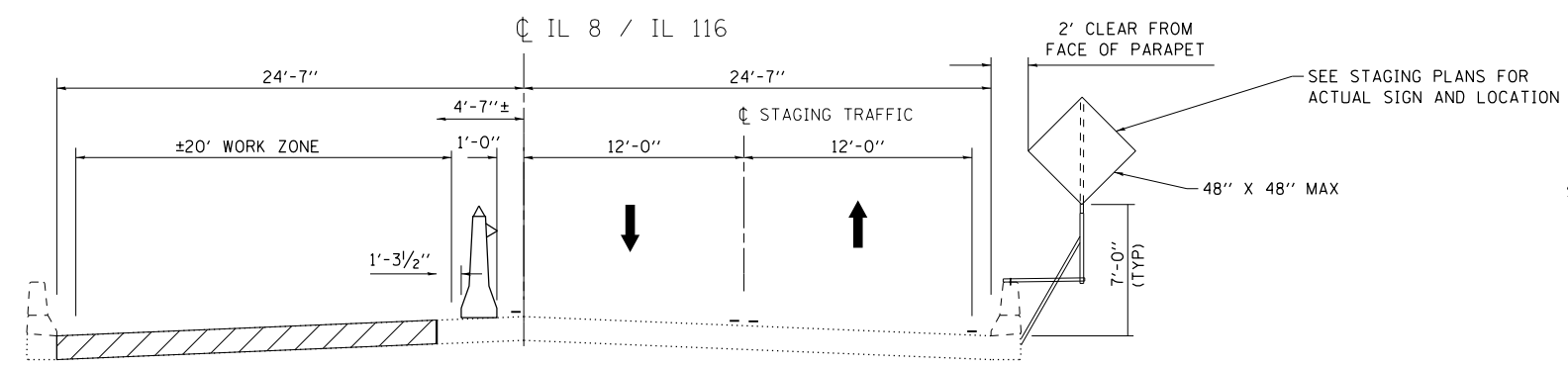
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	48
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

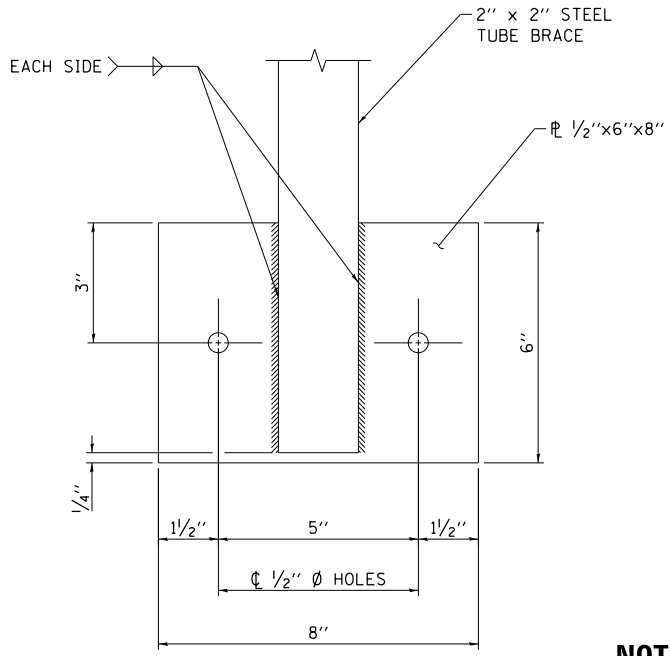
(*) PEORIA / TAZEWELL



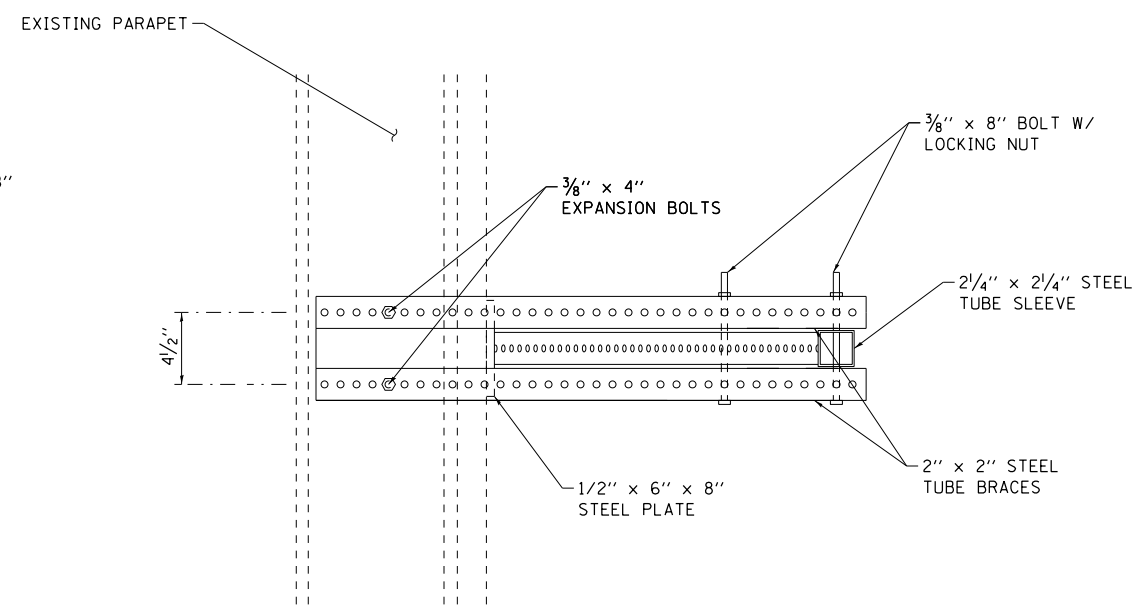
DETAIL C



TYPICAL SECTION



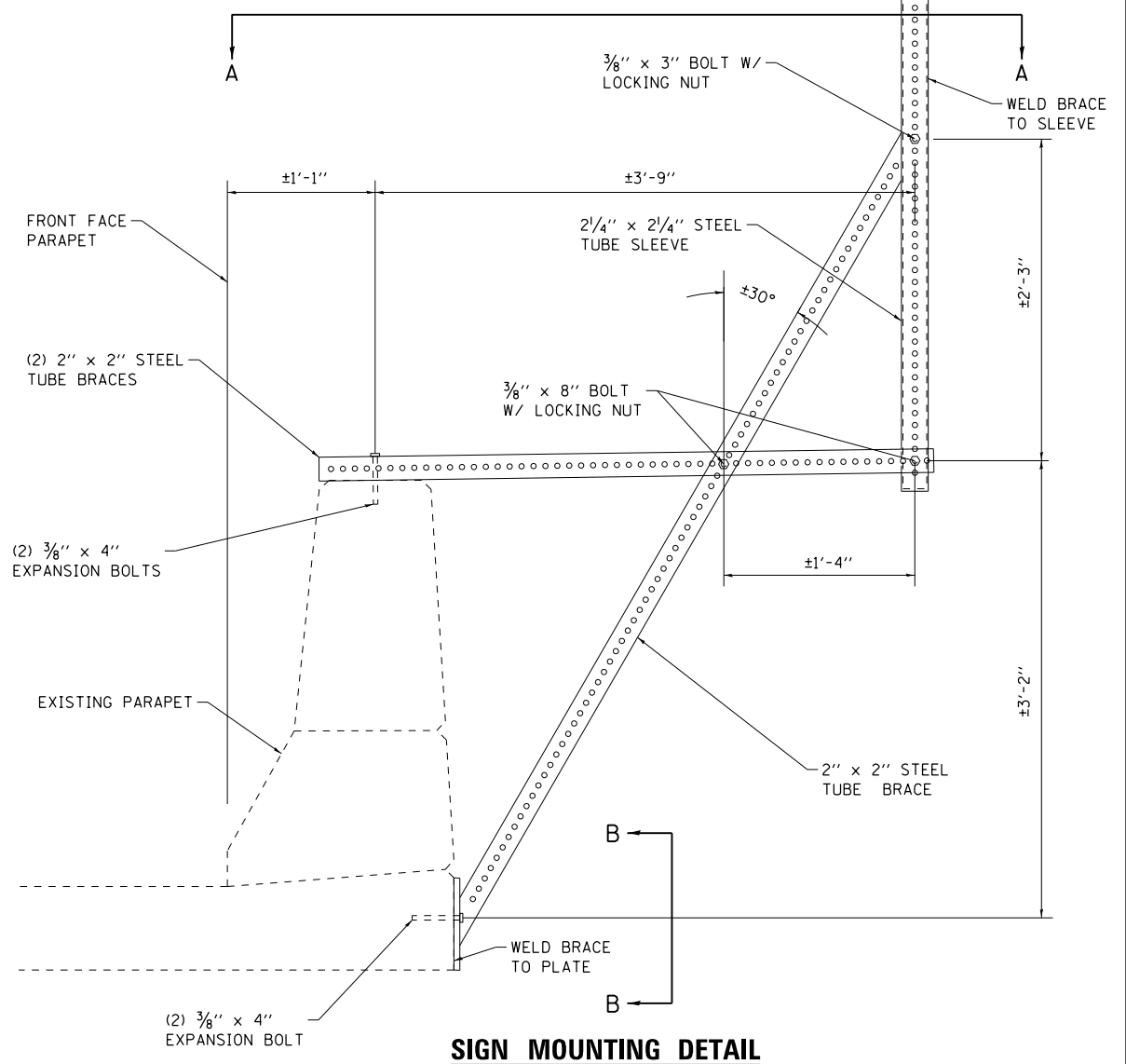
SECTION B - B



SECTION A - A

NOTES:

1. CONTRACTOR MAY USE ALTERNATE BRIDGE MOUNTING BRACKETS AS APPROVED BY THE ENGINEER.
2. STEEL TUBES SHALL MEET THE REQUIREMENTS OF ART. 1093.01 OF THE STANDARD SPECIFICATIONS.
3. STEEL TUBES, BOLTS, EXPANSION BOLTS, AND STEEL PLATES SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
4. FOLLOWING REMOVAL OF TEMPORARY SIGN SUPPORT, CONTRACTOR SHALL REMOVE EXPANSION BOLTS AND FILL REMAINING HOLES WITH NON-SHRINK GROUT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).



SIGN MOUNTING DETAIL

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 MODEL = Default
 PLOT DRIVER = 151L004 PDF.plt



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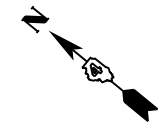
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - TEMPORARY BRIDGE SIGN
MOUNTING DETAILS**

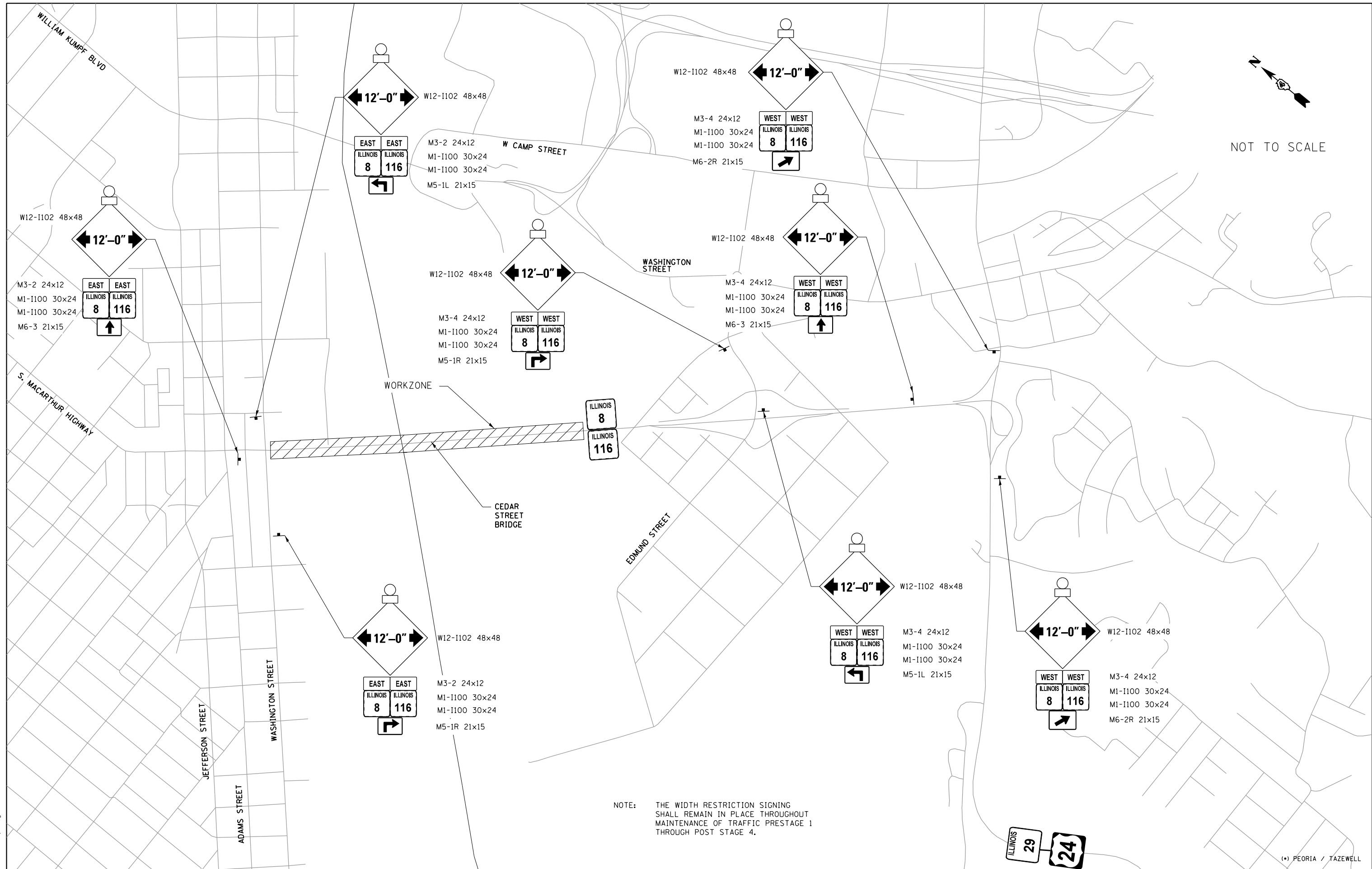
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F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 49
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL



NOT TO SCALE



NOTE: THE WIDTH RESTRICTION SIGNING SHALL REMAIN IN PLACE THROUGHOUT MAINTENANCE OF TRAFFIC PRESTAGE 1 THROUGH POST STAGE 4.



(*) PEORIA / TAZEWELL

FILE NAME = S:\Projects\2015 JOBS\151L004-00 OEI PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Staging-Width-Restriction.dgn
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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
WIDTH RESTRICTION SIGNING PLAN**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 50
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

BRIDGE CLOSURE STAGING NOTES

1. THE BRIDGE CLOSURE STAGE SHALL BE COMPLETED DURING THE FIRST CONSTRUCTION SEASON, BY NOVEMBER 23, 2016. THIS STAGE IS ASSUMED TO BE COMPLETED AFTER STAGE 4 IS COMPLETE. HOWEVER, THE CONTRACTOR MAY COMPLETE THIS WORK ANYTIME DURING THE 2016 CONSTRUCTION SEASON, WITH APPROVAL FROM THE ENGINEER.
2. THE CEDAR STREET BRIDGE WILL BE CLOSED TO TRAFFIC FOR A MAXIMUM OF 45 DAYS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING 21 DAYS PRIOR TO CLOSING THE BRIDGE.
3. PRIOR TO BRIDGE CLOSURE, THE CONTRACTOR SHALL INSTALL ALL MAINTENANCE OF TRAFFIC SIGNING AND DEVICES SHOWN AND NOTED ON THE "MAINTENANCE OF TRAFFIC STATE ROUTE DETOUR - BRIDGE CLOSURE STAGE" AND DETAILS. THE SIGNALS AT WASHINGTON STREET SHALL ALSO BE ADJUSTED PRIOR TO CLOSURE.
4. THE CONTRACTOR SHALL PLACE FINAL PAVEMENT MARKING PRIOR TO REMOVING DETOUR SIGNING AND DEVICES.

BRIDGE CLOSURE STAGE – CONSTRUCTION NOTES

1. COMPLETE THE FOLLOWING IMPROVEMENTS TO THE CEDAR STREET BRIDGE:
 - REPLACE PIN AND LINK ASSEMBLIES
 - REPLACE ROCKER BEARINGS AND END FRAME AT SPAN 20, PIER 19
 - EXPANSION JOINT REPLACEMENTS
 - DECK REPAIRS ALONG CENTERLINE OF THE BRIDGE
 - REPLACE REMAINING PORTION OF VAULTED WEST ABUTMENT SLAB (EB LANES AND MIDDLE PORTION)

(*) PEORIA / TAZEWELL

FILE NAME = S:\Projects\2015 JOBS\151L004-00 OEI\PTB 168-17 D4 Cedar- St Bridge\CADD\CADD Sheets\0468A93-sht-Staging-Bridge-Closure-Notes.dgn
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QUIGG ENGINEERING INC

USER NAME = rgoertz	DESIGNED - RG	REVISED -
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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
BRIDGE CLOSURE STAGE – GENERAL NOTES**

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	51
				CONTRACT NO. 68A93
ILLINOIS FED. AID PROJECT				

IL 8/116 CEDAR STREET BRIDGE DETOUR/CLOSURE

E-BND DETOUR SIGNAGE

DETOUR (Up arrow)
EAST
ILLINOIS 8 116
1 ASSEMBLY FROM BRIDGE TO ADAMS ST. INTERSECTION ON W-BND WASHINGTON ST.

DETOUR (Left arrow)
EAST
ILLINOIS 8 116
1 ASSEMBLY 100' IN ADVANCE OF SIGNALS @ ADAMS ST..

DETOUR TRAFFIC USE E-BND 474
RIGHT LANE
2 ASSEMBLIES @ WEST SIDE OF VIADUCT OVER RR-PARALLEL TO EACH OTHER.

DETOUR (Right arrow)
EAST
ILLINOIS 8 116
1 ASSEMBLY 1000' IN ADVANCE OF E-BND I-474 ENTRANCE RAMP.

DETOUR (Right arrow)
EAST
ILLINOIS 8 116
1 ASSEMBLY 300' IN ADVANCE OF EB I-474 ENTRANCE RAMP. **OVERSIZE**

DETOUR (Right arrow)
EXIT 9
EAST
ILLINOIS 8 116
1 ASSEMBLY DIRECTLY ADJACENT TO EXISTING GREEN INTERSTATE EXIT 9 SIGN ON WEST SIDE OF SHADE LOHMAN BRIDGE.

DETOUR (Right arrow)
EAST
ILLINOIS 8 116
1 ASSEMBLY DIRECTLY ADJACENT TO EXISTING GREEN INTERSTATE EXIT 9 SIGN ON EAST SIDE OF SHADE LOHMAN BRIDGE.

DETOUR (Left arrow)
EAST
ILLINOIS 8 116
1 ASSEMBLY DIRECTLY ADJACENT TO EXISTING GREEN INFORMATION SIGN ON SOUTH SIDE OF RAMP.

DETOUR (Up arrow)
EAST
ILLINOIS 8 116
1 ASSEMBLY BETWEEN I-474 AND CEDAR STREET BRIDGE ON IL 29 .

EAST IL 8/116 (CEDAR ST. BRIDGE) CLOSED FOLLOW DETOUR
1 ASSEMBLY ON WASHINGTON ST. NORTH/EAST SIDE OF RR VIADUCT.

DETOUR (Left arrow) **DETOUR** (Right arrow)
EAST WEST
ILLINOIS 8 116 ILLINOIS 8 116
1 ASSEMBLY LOCATED 1800' IN ADVANCE OF WASHINGTON ST./ADAMS ST. SPLIT.
(FROM W-BND DETOUR SIGNAGE)

DETOUR (Left arrow)
EAST
ILLINOIS 8 116
1 ASSEMBLY AT THE U-TURN LOOP.

END DETOUR
EAST
ILLINOIS 8 116
1 ASSEMBLY PRIOR TO CEDAR STREET EXTENSION RAMP ON N-BND IL 29.

W-BND DETOUR SIGNAGE

DETOUR AHEAD
WEST
ILLINOIS 8 116
1 ASSEMBLY LOCATED ADJACENT TO HARDEES.

DETOUR (Up arrow)
WEST WEST
ILLINOIS 8 116 ILLINOIS 8 116
METAL BAND TO EXISTING POLE ABOVE THE "WEST" SIGN. THIS SIGN USED ONLY ON LIGHT POLE.
MOUNT OVER EXISTING SIGN.
TWO IDENTICAL LOCATIONS: LIGHT POLE WOOD POST MOUNT

DETOUR (Up arrow)
WEST WEST
ILLINOIS 8 116 ILLINOIS 8 116
1 ASSEMBLY LOCATED AT BEGINNING OF RAMP TO CEDAR ST. EXTENSION. EAST AND WESTBOUND

DETOUR (Up arrow)
WEST
ILLINOIS 8 116
1 ASSEMBLY BETWEEN I-474 AND CEDAR STREET BRIDGE ON IL 29 .

DETOUR (Right arrow)
WEST
ILLINOIS 8 116
1 ASSEMBLY 500' IN ADVANCE OF WB I-474 ENTRANCE RAMP.

DETOUR (Right arrow)
WEST
ILLINOIS 8 116
1 ASSEMBLY JUST SOUTH OF FISCHER ST. AT SIGNALS PRIOR TO W-BND I-474 ENTRANCE RAMP.

DETOUR (Right arrow)
EXIT 6B
WEST
ILLINOIS 8 116
1 ASSEMBLY 1500' IN ADVANCE OF WB I-474 EXIT 6B.

DETOUR (Right arrow)
WEST
ILLINOIS 8 116
1 ASSEMBLY 300' IN ADVANCE OF WB I-474 EXIT 6B. **OVERSIZE**

DETOUR (Right arrow)
WEST
ILLINOIS 8 116
1 ASSEMBLY LOCATED 1800' IN ADVANCE OF WASHINGTON ST./ADAMS ST. SPLIT.

DETOUR (Right arrow)
WEST
ILLINOIS 8 116
1 ASSEMBLY LOCATED 300' IN ADVANCE OF WASHINGTON ST./ADAMS ST. SPLIT.

END DETOUR
WEST
ILLINOIS 8 116
1 ASSEMBLY LOCATED 100' IN ADVANCE OF WASHINGTON ST./IL 8 & 116.

MISC. DETOUR SIGNAGE

WEST IL 8/116 (CEDAR ST. BRIDGE) CLOSED FOLLOW DETOUR
EDMUND ST. EXIT OPEN
1 ASSEMBLY LOCATED AT THE FOLLOWING:
-100' NORTH OF LASALLE BLVD. IN NORTH PEKIN
- 100' IN ADVANCE OF EXIT 9 ON W-BND 474

DETOUR (Right arrow)
WEST
ILLINOIS 8 116
1 ASSEMBLY ON N-BND IL 29 ADJACENT TO US/24 BARTONVILLE SIGN TO W-BND I-474.

DETOUR (Up arrow)
WEST
ILLINOIS 8 116
1 ASSEMBLY ON W-BND I-474 ADJACENT TO EXIT 9 SIGN IN THE GORE AREA.

WEST IL 8/116 (CEDAR ST. BRIDGE) CLOSED FOLLOW DETOUR
EDMUND ST. EXIT OPEN
1 ASSEMBLY LOCATED AT THE FOLLOWING:
-IL 116/29/US 24 ADJACENT TO KOHLS
-IL 8/US 150 IN ADVANCE OF W-BND 74 EXIT

(*) PEORIA / TAZEWELL

FILE NAME = S:\Projects\2015\151L004-00\01\PTB 168-17 D4 Cedar St Bridge\CAD\CAD Sheets\0468A93-sht-Staging-Bridge-Closure-Detour.dgn
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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STATE ROUTE DETOUR - BRIDGE CLOSURE STAGE

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	52
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

DETOUR SIGN INVENTORY

SIGN	DESCRIPTION	TOTAL
	W20-2 48X48	3
	M4-9 (R) 48 X 36 OVERSIZE	2
	M4-9 (L) 30 X 24	4
	M4-9 (R) 30 X 24	7
	30 X 24	7
	M4-8a 24 X 18	2
	30 X 24	5
	30 X 24	1
	M3-2 24 X 12 BLACK ON WHITE	13
	M3-4 24 X 12 BLACK ON WHITE	14
	M1-1100 30 X 24 BLACK ON WHITE	28
	M1-1100 30 X 24 BLACK ON WHITE	28
	24 X 12 WHITE ON GREEN	1
	24 X 12 WHITE ON GREEN	1
	M6-3 21 X 15 BLACK ON ORANGE	4

SIGN	DESCRIPTION	TOTAL
	EAST IL 8/ 116 (CEDAR STREET BRIDGE) CLOSED FOLLOW DETOUR	1
	WEST IL 8/ 116 (CEDAR STREET BRIDGE) CLOSED FOLLOW DETOUR	4
	EDMUND ST. EXIT OPEN	5
	RIVER BRIDGE OUT LOCAL TRAFFIC ONLY	2
	M5-6 24 X 18 BLACK ON WHITE	1
	SEE SIGN PANEL DETAIL E-BND 474	2
	SEE SIGN PANEL DETAIL	1
	M6-2 21 X 15 BLACK ON ORANGE	3
	M6-2 21 X 15 BLACK ON ORANGE	3
	W20-3 (O)- 48	5
	W20-3 (O)- 48	3

CONFLICTING SIGNS TO BE COVERED OR SIGN PLATES ADDED AS NOTED.

ABOVE SIGNS NEEDED NOT SHOWN IN DETOUR SIGN INVENTORY

NOTES:

- 1) ALL SIGN LOCATIONS SHALL BE MARKED WITH LATH AND RIBBON BY THE DISTRICT TRAFFIC CONTROL SUPERVISOR.
- 2) 21 DAY NOTICE REQUIRED PRIOR TO CLOSING THE ROAD.
- 3) ALL SIGNS SHALL BE POST MOUNTED.
- 4) CONFLICTING OR COVERING SIGNS SHALL NOT DAMAGE THE FACE OF THE SIGN AND SIGNS SHALL BE COMPLETELY COVERED. COVERING METHODS SHALL BE AT THE DISCRETION OF THE ENGINEER.

3 MESSAGE BOARDS SHALL BE USED TO ADVANCE WARN OF THE CLOSURE. LOCATION SHALL BE DISCUSSED AT THE PRECONSTRUCTION MEETING. THESE MESSAGE BOARDS SHALL BE USED FOR ONE WEEK LEADING UP TO THE DAY OF THE CLOSURE TO ADVANCE WARN THE TRAVELLING PUBLIC.

FILE NAME : S:\Projects\2015 JOBS\151L004-00 OEI\PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Staging-Bridge-Closure-Detour.dgn
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PLOT DATE : 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

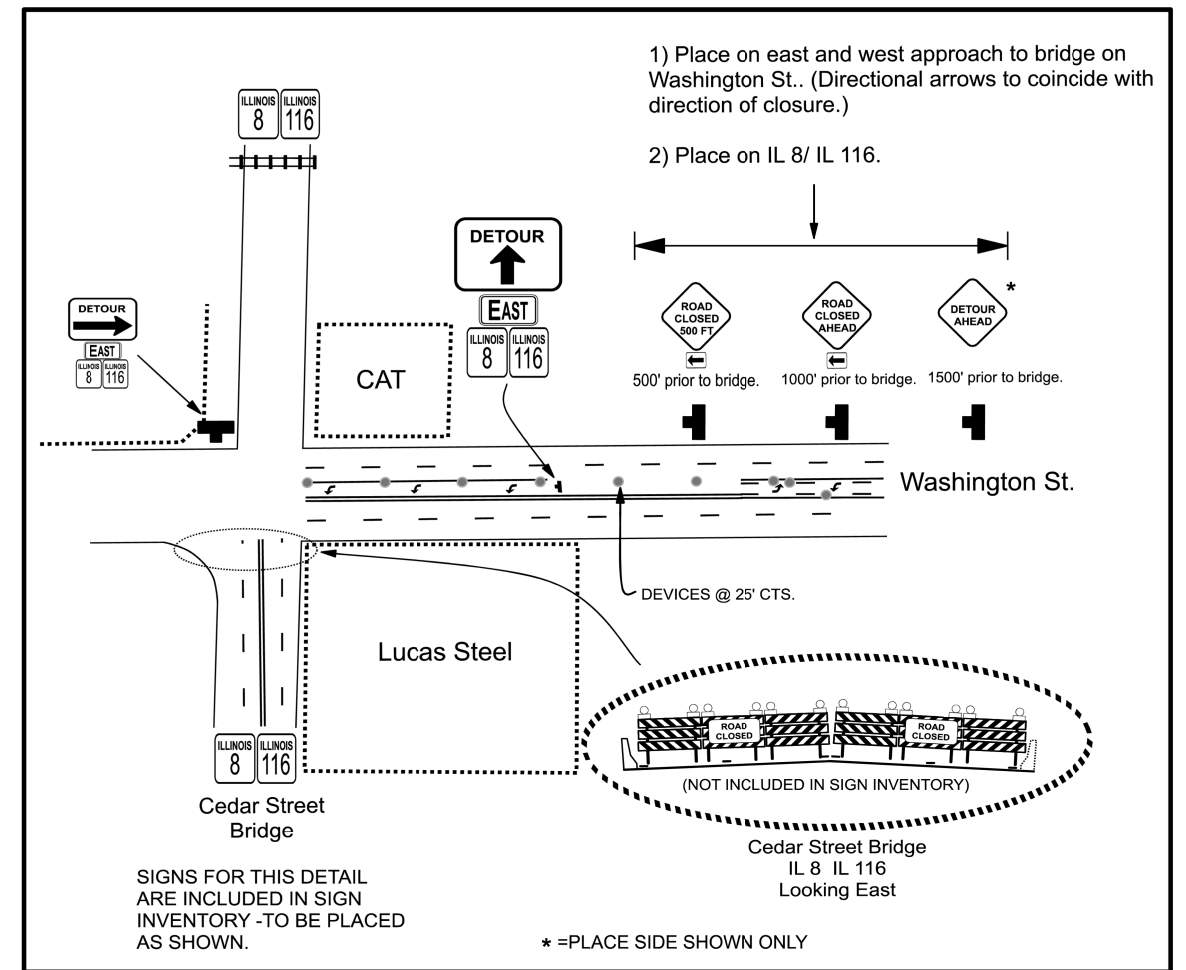
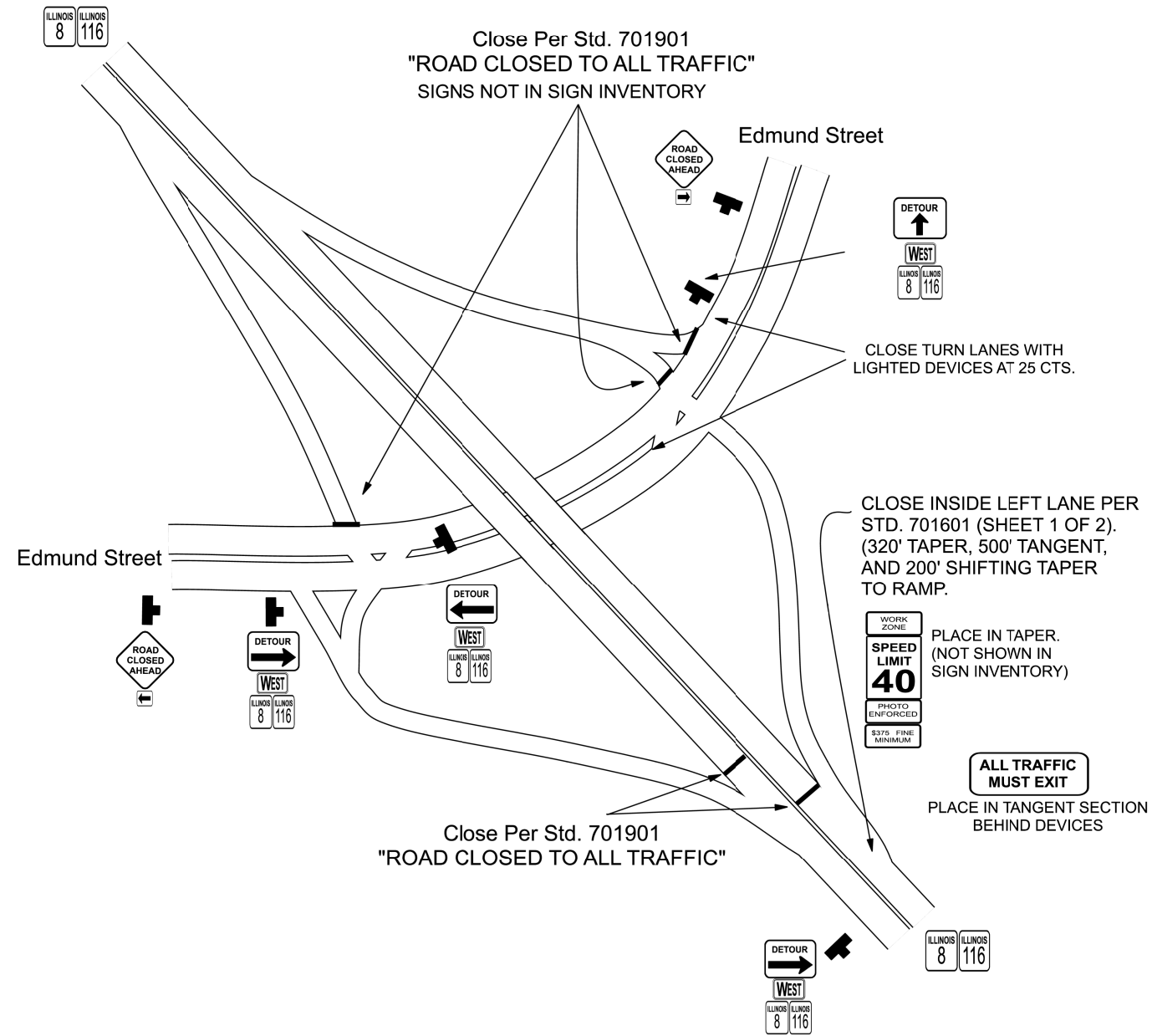
**MAINTENANCE OF TRAFFIC
STATE ROUTE DETOUR - BRIDGE CLOSURE STAGE**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	53
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEVELL

EDMUND STREET DETOUR DETAILS



FILE NAME = S:\Projects\2015 JOBS\151L004-00 DE1 PTB 168-17 D4 Cedar St Bridge\CAD\GADD Sheets\0468A93-sht-Staging-Bridge-Closure-Detour.dgn
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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STATE ROUTE DETOUR - BRIDGE CLOSURE STAGE

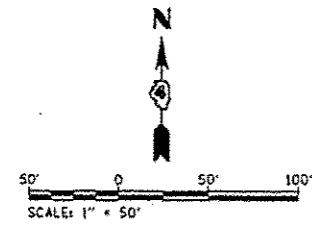
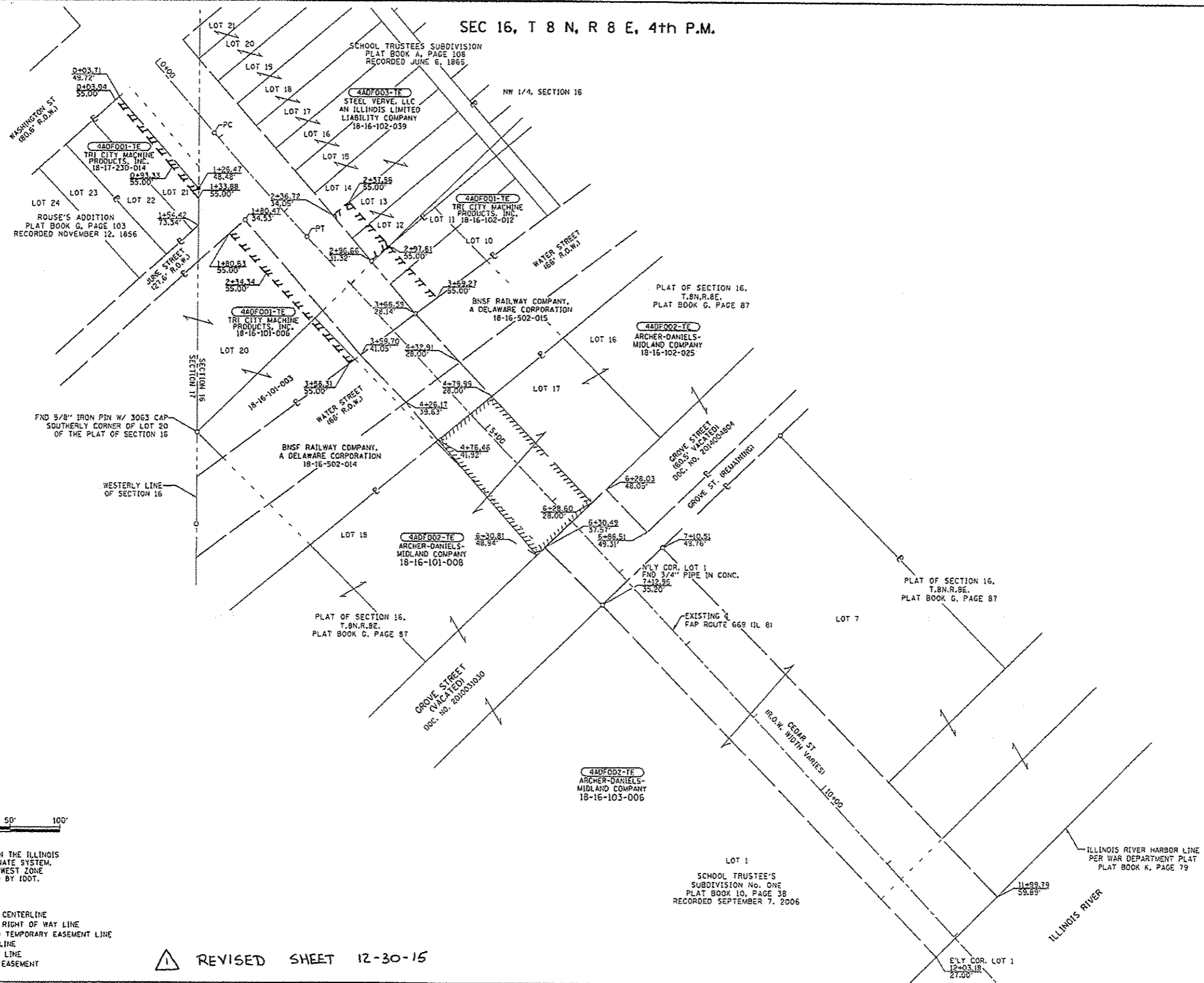
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	54
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

SEC 16, T 8 N, R 8 E, 4th P.M.

EXIST. CURVE CEDAR-1
 PI STA. = 1+63.85
 $\Delta = 2^\circ 55' 00''$ (L.T.)
 $D = 2^\circ 04' 06''$
 $R = 2,770.06'$
 $T = 70.52'$
 $L = 141.01'$
 $E = 0.90'$
 P.C. STA. = 0+93.33
 P.T. STA. = 2+34.34



BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 197 ADJ1 - WEST ZONE CONTROL PROVIDED BY IDOT.

- LEGEND**
- EXISTING CENTERLINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED TEMPORARY EASEMENT LINE
 - SECTION LINE
 - PROPERTY LINE
 - EXISTING EASEMENT

REVISOR'S MARK (triangle) REVISED SHEET 12-30-15

FILE NAME	USER NAME = maushardas	DESIGNED - NTO	REVISED - GLW 07-01-15
#FILEABBREV#		DRAWN - 03-18-15	REVISED -
		CHECKED - GLW	REVISED -
		DATE - 03-18-15	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

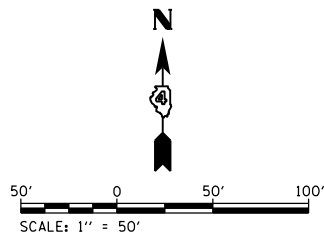
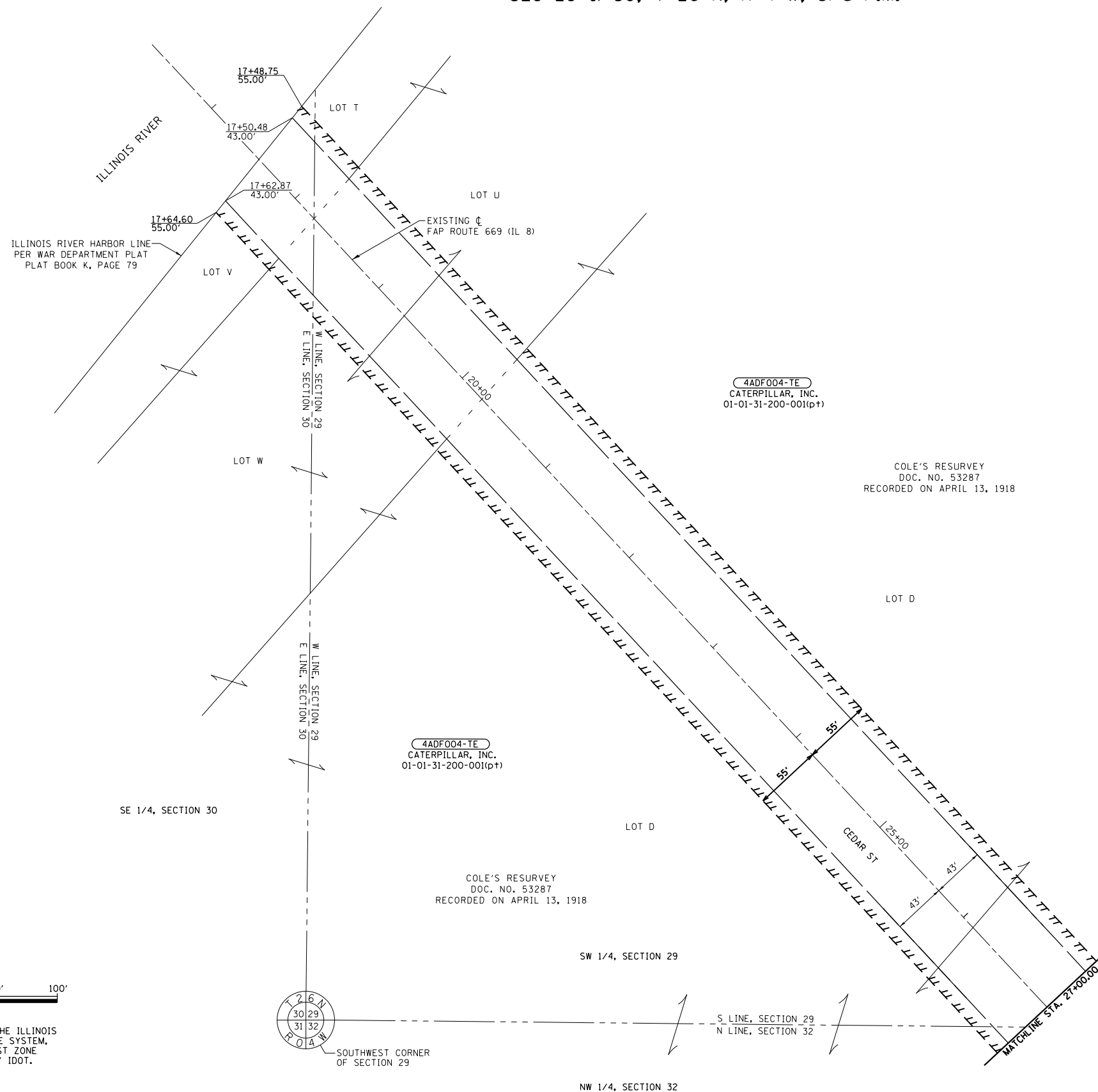
RIGHT OF WAY PLANS
 PROJECT SHEET NO. 01 OF 03 SHEETS
 JOB NO. R-94-003-14
 STA. 0+00.00 TO STA. 12+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	103B-1-7	PEORIA	180	55
CATALOG NO. 034778-00		CONTRACT NO. 66A93		
FEB. ROAD DIST. NO. ILLINOISIFIED, AID PROJECT				

FOR OLD ROW SEE PLAN FILE 20 SHEET 308

PLAT FILE 175

SEC 29 & 30, T 26 N, R 4 W, 3rd P.M.



BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (97 ADJ) - WEST ZONE CONTROL PROVIDED BY IDOT.

LEGEND

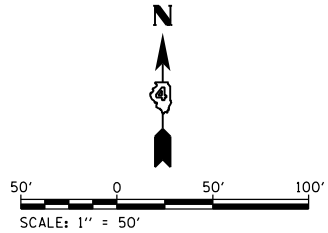
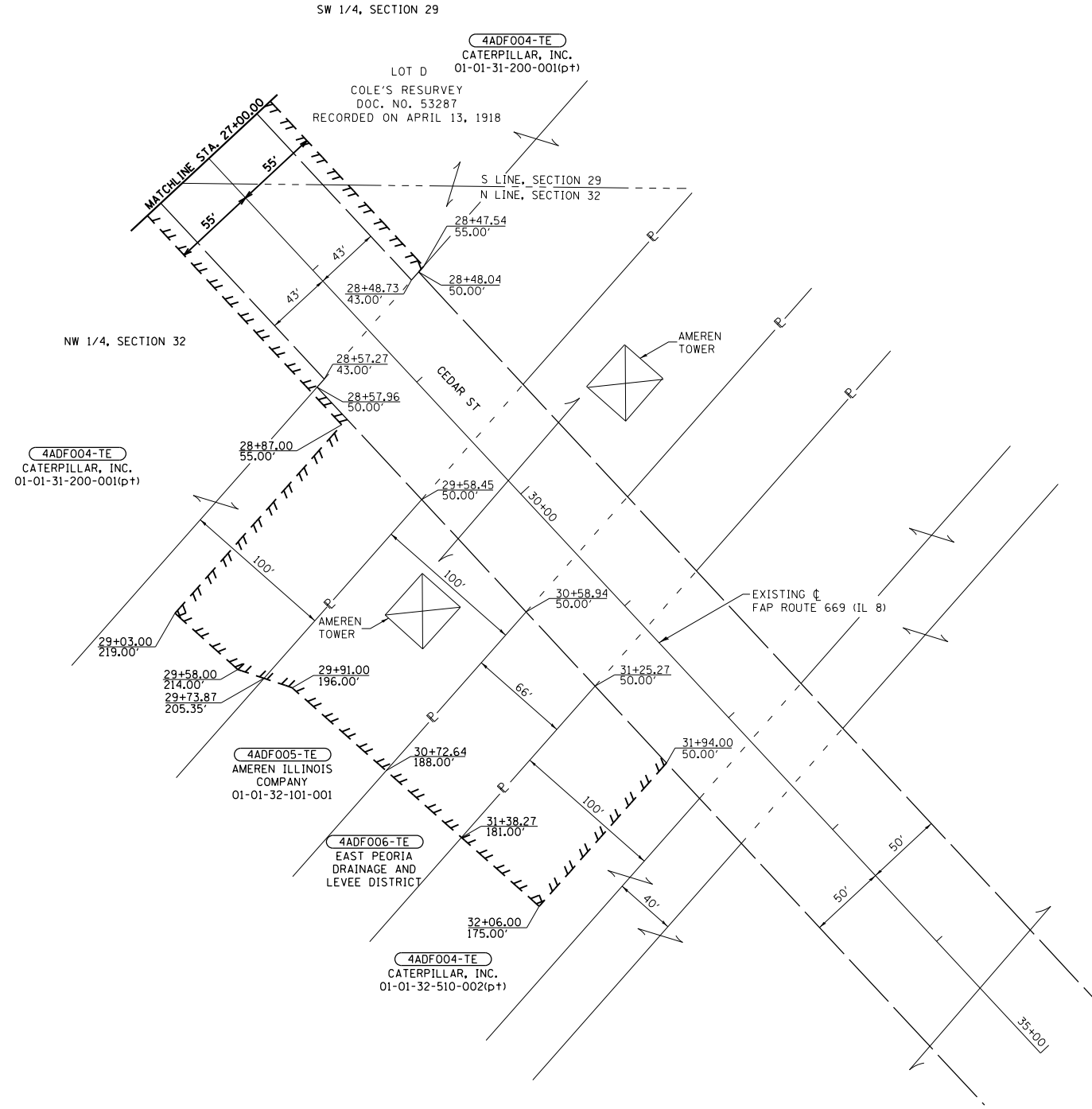
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- SECTION LINE
- PROPERTY LINE

FOR OLD ROW SEE PLANFILE 20 SHEET 30C

PLAT FILE 175

FILE NAME: *FILEABBREV*	USER NAME = rgoertz	DESIGNED - NTD	REVISED - GLW 07-01-15	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLANS		F.A.P. RTE. 669	SECTION 103B-I-7	COUNTY TAZEWELL	TOTAL SHEETS 180	SHEET NO. 56
	PLOT SCALE = 100.0000' / in.	CHECKED - GLW	REVISED -		PROJECT	JOB NO. R-94-003-14	CATALOG NO. 034778-00	CONTRACT NO. 68A93			
PLOT DATE = 10/05/2015	DATE - 03-18-15	REVISED -	REVISED -	SCALE: 1" = 50'	SHEET NO. 02 OF 03 SHEETS	STA. 17+00.00 TO STA. 27+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

SEC 29 & 32, T 26 N, R 4 W, 3rd P.M.



BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (97 ADJ) - WEST ZONE CONTROL PROVIDED BY IDOT.

- LEGEND**
- EXISTING CENTERLINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED TEMPORARY EASEMENT LINE
 - SECTION LINE
 - PROPERTY LINE

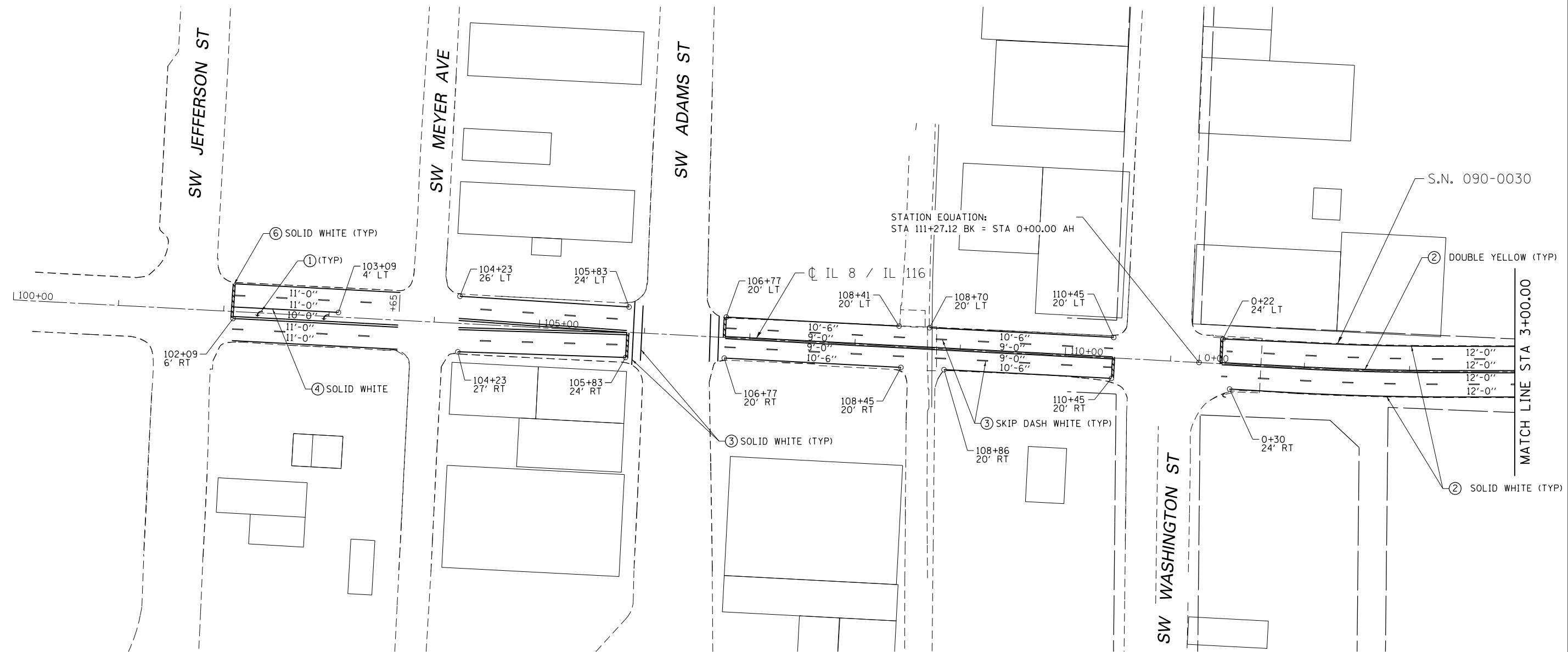
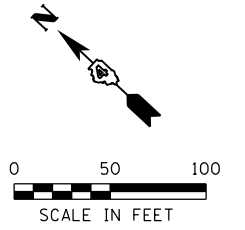
FOR OLD ROW SEE PLANFILE 20 SHEET 30C

PLAT FILE 175

FILE NAME: #FILEABBREV#	USER NAME = rgoertz	DESIGNED - NTD	REVISED - GLW 07-01-15	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLANS		F.A.P. RTE. 669	SECTION 103B-1-7	COUNTY TAZEWELL	TOTAL SHEETS 180	SHEET NO. 57
	PLOT SCALE = 100.0000' / in.	CHECKED - GLW	REVISED -		PROJECT	JOB NO. R-94-003-14	CATALOG NO. 034778-00	CONTRACT NO. 68A93			
PLOT DATE = 10/05/2015	DATE - 03-18-15	REVISED -	REVISED -	SCALE: 1" = 50'	SHEET NO. 03 OF 03 SHEETS	STA. 27+00.00 TO STA. 35+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

LEGEND

- ① PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
- ② PAINT PAVEMENT MARKING - LINE 4"
- ③ PAINT PAVEMENT MARKING - LINE 6"
- ④ PAINT PAVEMENT MARKING - LINE 8"
- ⑤ PAINT PAVEMENT MARKING - LINE 12"
- ⑥ PAINT PAVEMENT MARKING - LINE 24"
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER (STD 781001)



NOTE:

THE CONTRACTOR SHALL MATCH EXISTING PAVEMENT MARKINGS BETWEEN SW JEFFERSON STREET AND SW ADAMS STREET. PAVEMENT MARKING LOCATIONS NOTED IN THIS AREA ARE FOR QUANTITY PURPOSES ONLY.

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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

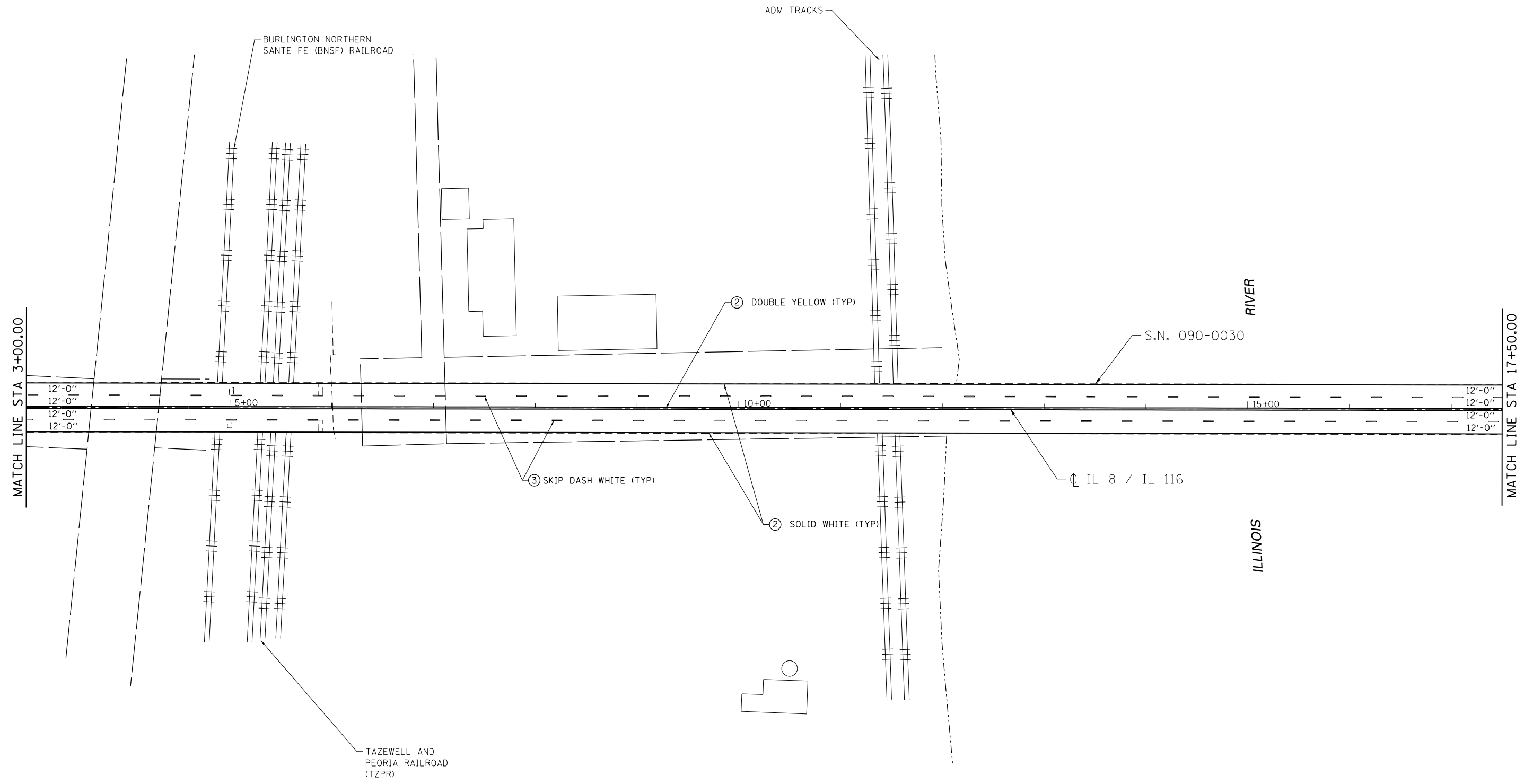
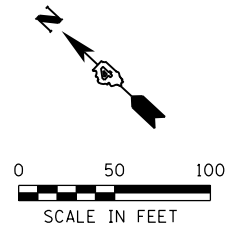
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F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 58
				CONTRACT NO. 68A93
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

LEGEND

- ① PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
- ② PAINT PAVEMENT MARKING - LINE 4"
- ③ PAINT PAVEMENT MARKING - LINE 6"
- ④ PAINT PAVEMENT MARKING - LINE 8"
- ⑤ PAINT PAVEMENT MARKING - LINE 12"
- ⑥ PAINT PAVEMENT MARKING - LINE 24"
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER (STD 781001)



FILE NAME = S:\Projects\2015 JOBS\151L004-00 OEI\PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Pmk_02.dgn
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

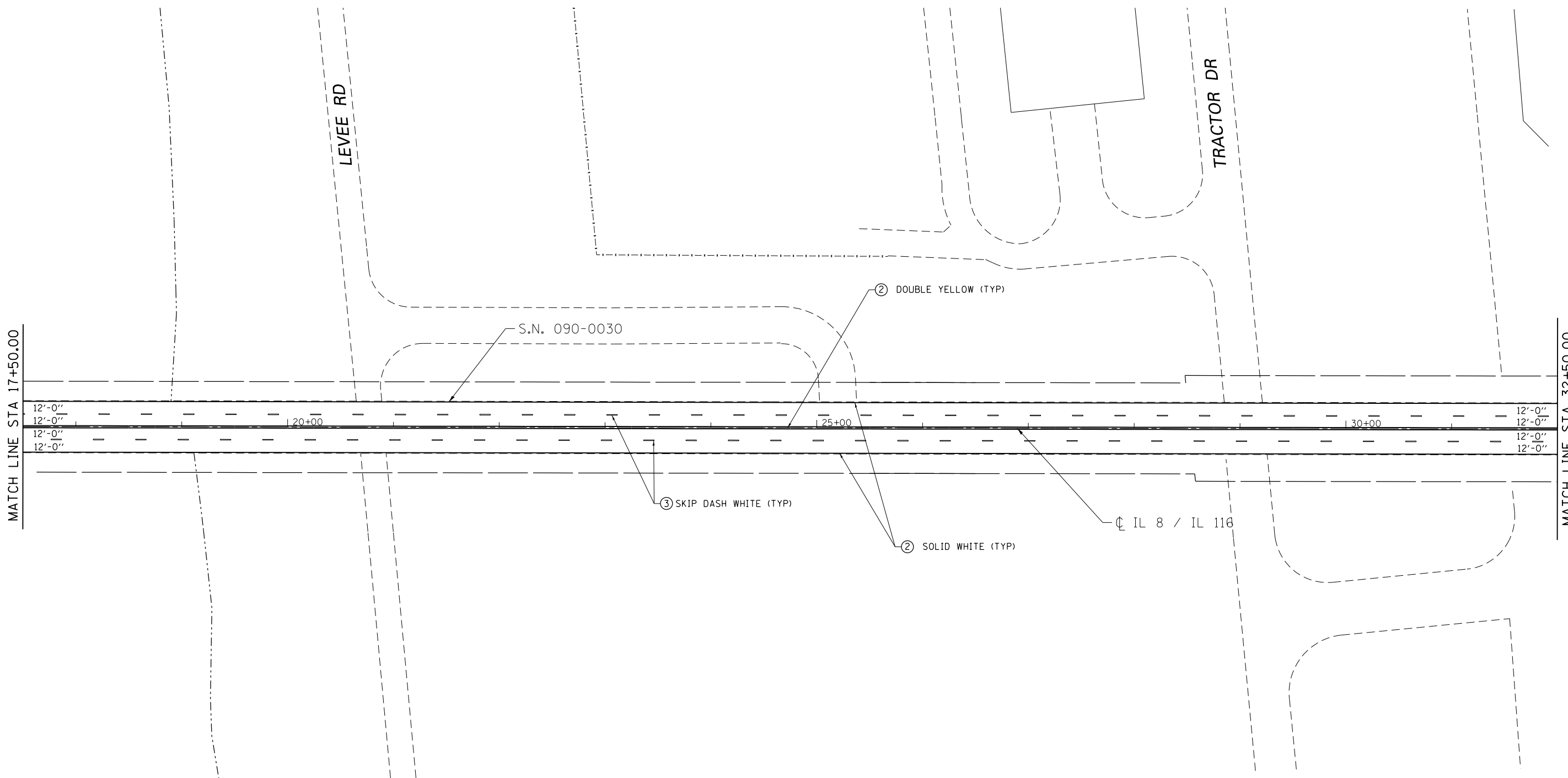
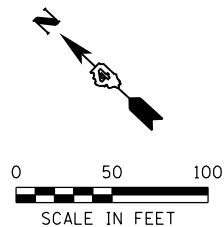
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	59
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

LEGEND

- ① PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
- ② PAINT PAVEMENT MARKING - LINE 4"
- ③ PAINT PAVEMENT MARKING - LINE 6"
- ④ PAINT PAVEMENT MARKING - LINE 8"
- ⑤ PAINT PAVEMENT MARKING - LINE 12"
- ⑥ PAINT PAVEMENT MARKING - LINE 24"
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER (STD 781001)



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

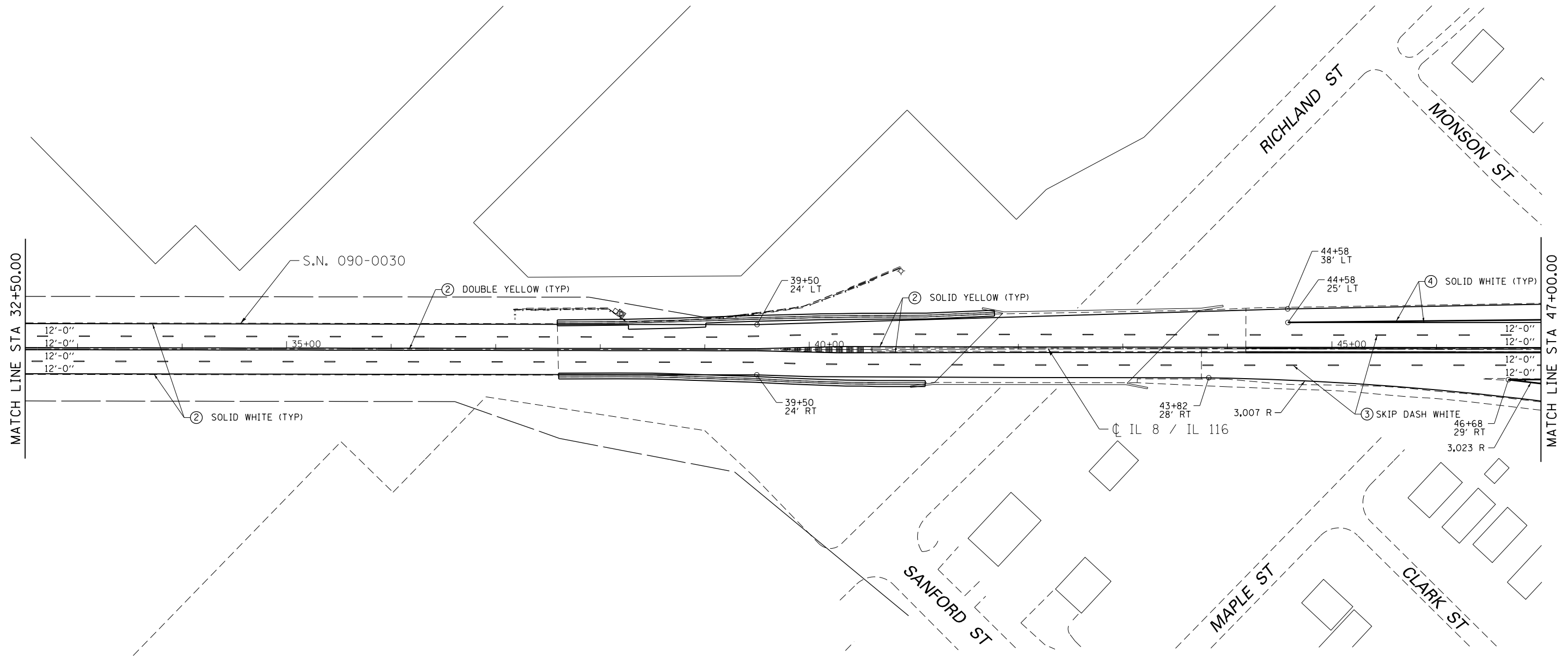
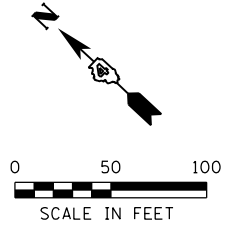
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	60
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

LEGEND

- ① PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
- ② PAINT PAVEMENT MARKING - LINE 4"
- ③ PAINT PAVEMENT MARKING - LINE 6"
- ④ PAINT PAVEMENT MARKING - LINE 8"
- ⑤ PAINT PAVEMENT MARKING - LINE 12"
- ⑥ PAINT PAVEMENT MARKING - LINE 24"
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER (STD 781001)



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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

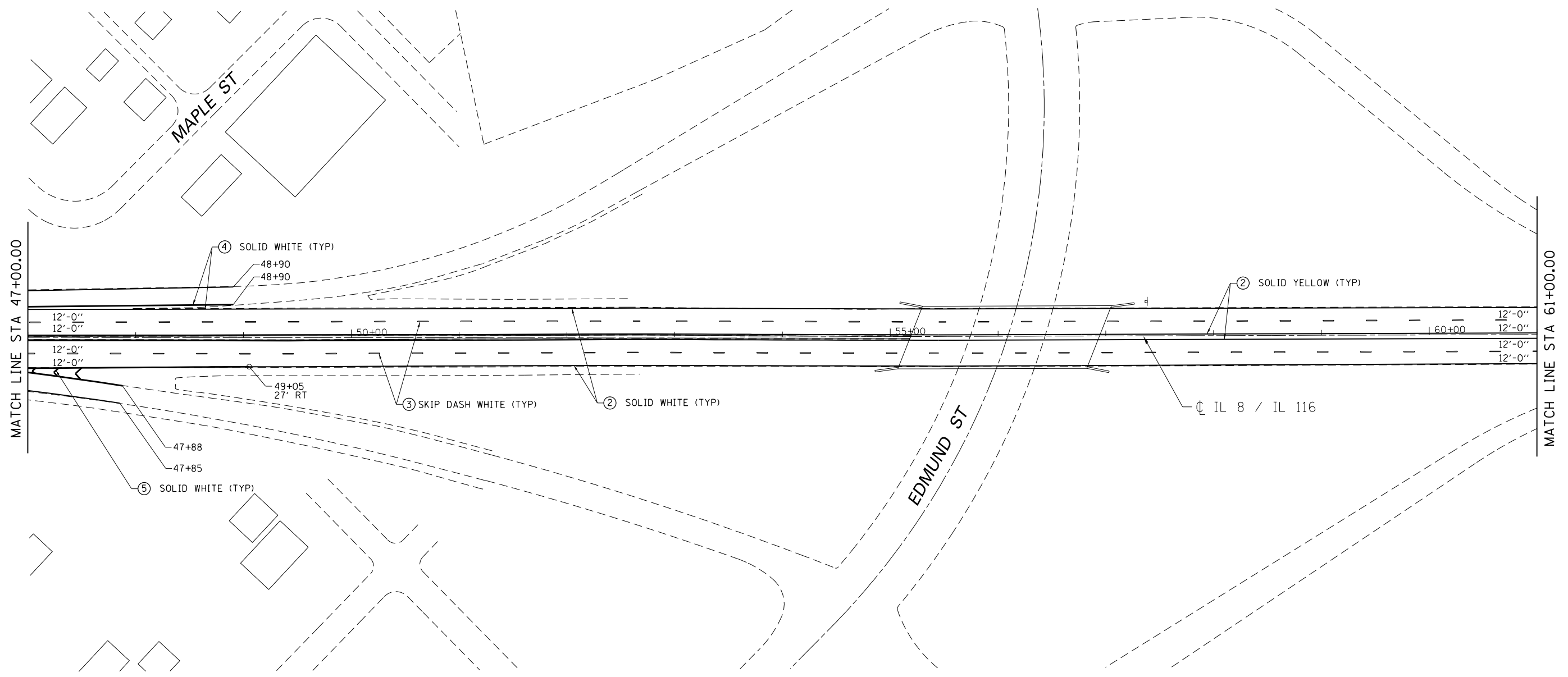
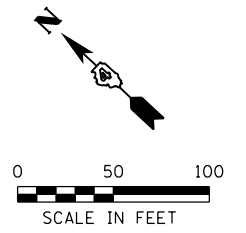
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	61
CONTRACT NO. 68A93				

(*) PEORIA / TAZEWELL

ILLINOIS FED. AID PROJECT

LEGEND

- ① PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
- ② PAINT PAVEMENT MARKING - LINE 4"
- ③ PAINT PAVEMENT MARKING - LINE 6"
- ④ PAINT PAVEMENT MARKING - LINE 8"
- ⑤ PAINT PAVEMENT MARKING - LINE 12"
- ⑥ PAINT PAVEMENT MARKING - LINE 24"
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER (STD 781001)



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PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

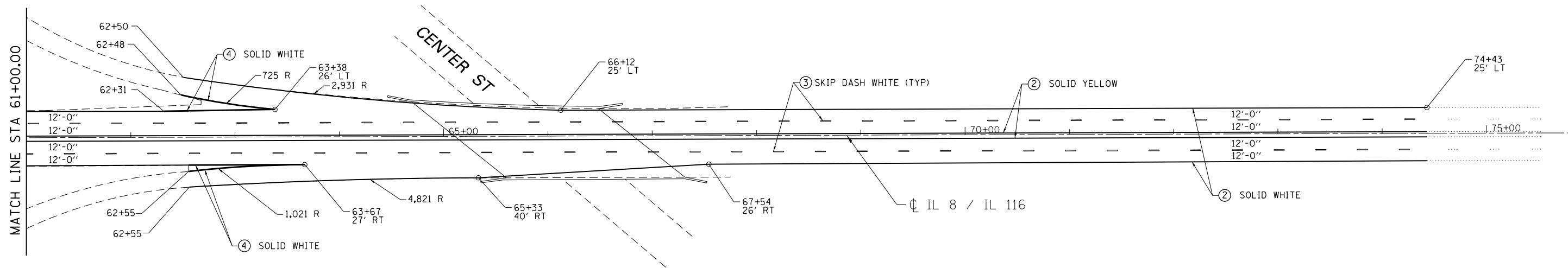
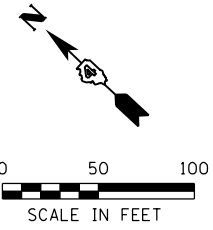
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F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 62
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEVELL

LEGEND

- ① PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
- ② PAINT PAVEMENT MARKING - LINE 4"
- ③ PAINT PAVEMENT MARKING - LINE 6"
- ④ PAINT PAVEMENT MARKING - LINE 8"
- ⑤ PAINT PAVEMENT MARKING - LINE 12"
- ⑥ PAINT PAVEMENT MARKING - LINE 24"
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER (STD 781001)



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

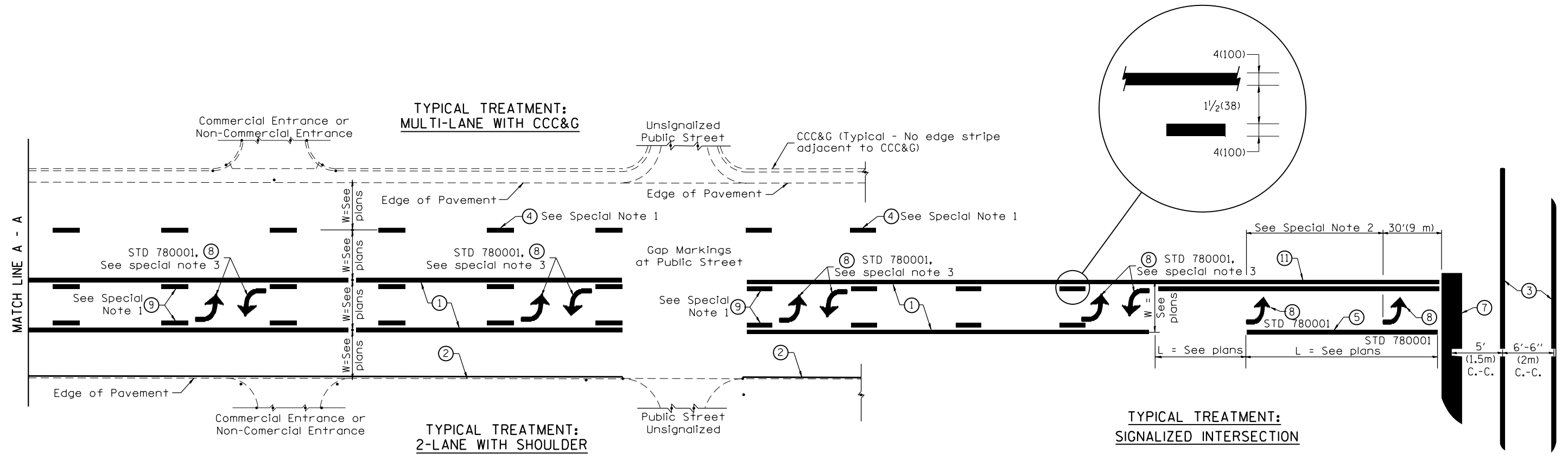
PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	63
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) PEORIA / TAZEWELL

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

(*) PEORIA / TAZEVELL

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.		
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.		
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.		

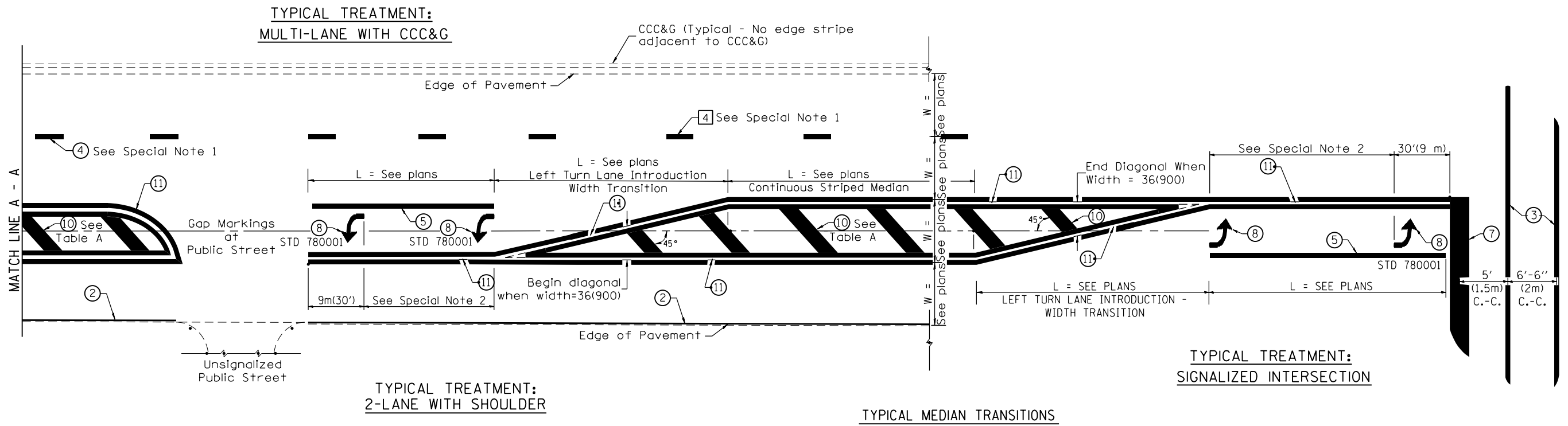
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

SHT. 1 OF 2
CADD STD. 780001-D4

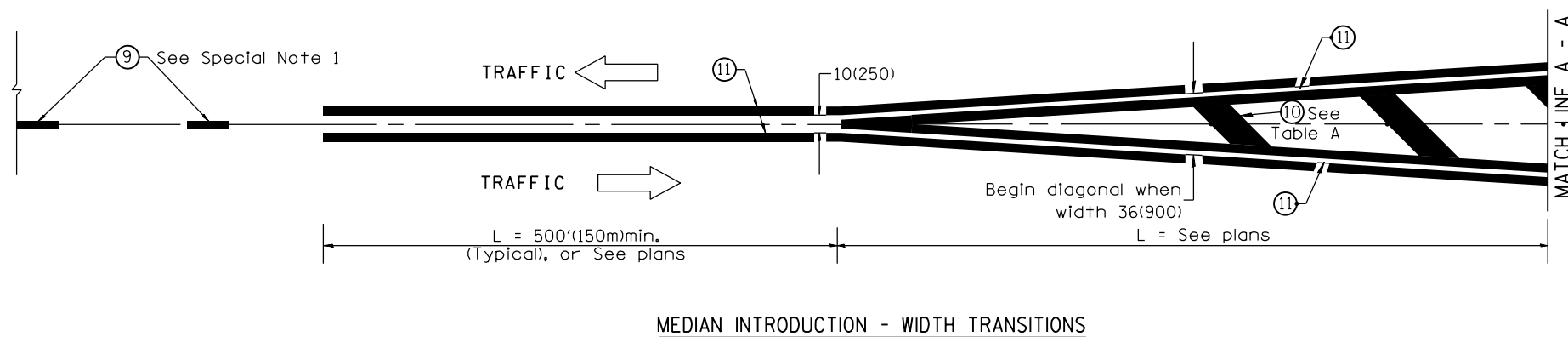
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	64
CONTRACT NO. 68A93			ILLINOIS FED. AID PROJECT	



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)

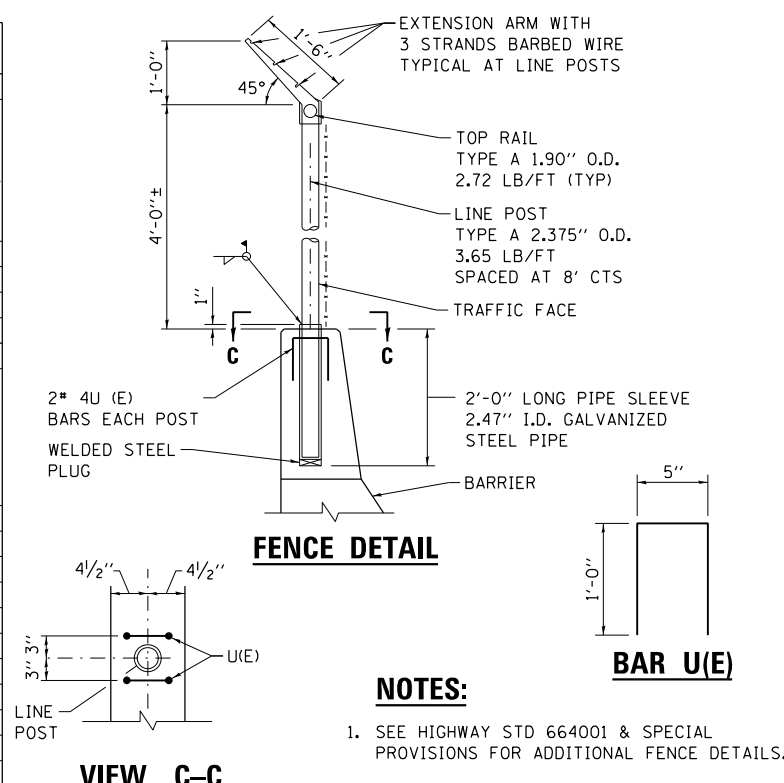


All dimensions are in inches (millimeters) unless otherwise noted.

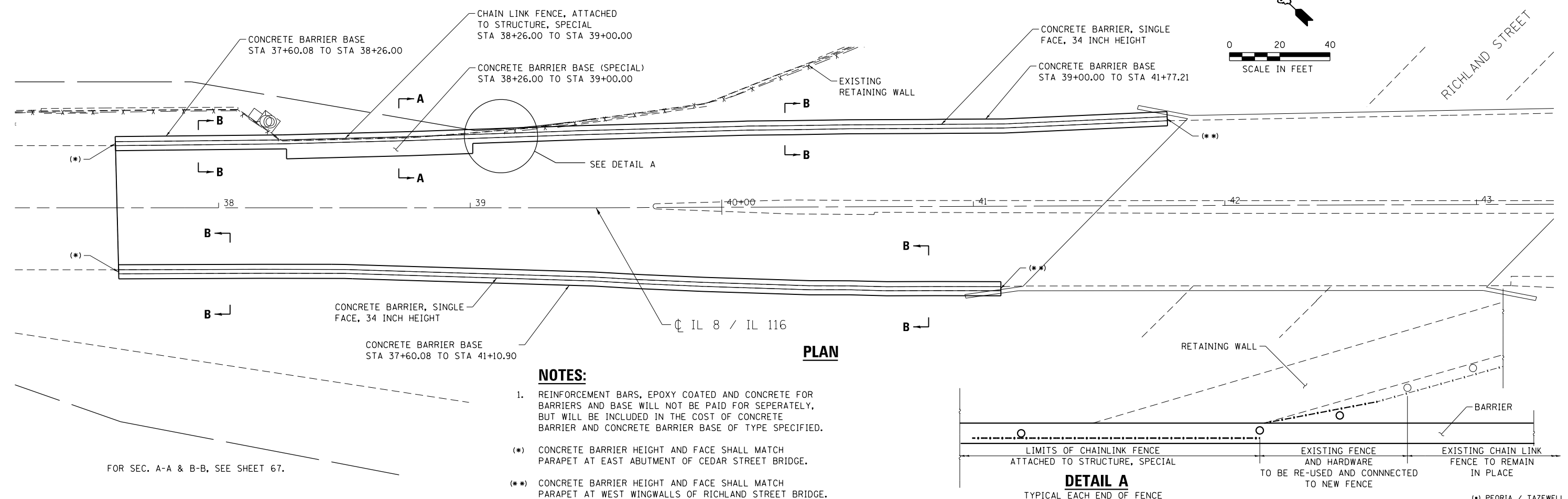
(*) PEORIA / TAZEVELL

APPROACH PARAPET REPLACEMENT

TYPE A BARRIER																							
Beginning Station (Exp. Joint)	Ending Station (Exp. Joint)	Section Length (FT)	Width of Pavement Removal (FT)	Volume of Conc. in Barrier (CY)	Volume of Conc. in Base (CY)	Number of w(E) bars in Base	Number of w(E) bar Lengths in Section	Length of w(E) bars	Number of e1(E) bars in Parapet	Number of e1(E) bar Lengths in Section	Length of e1(E) bars	Number of t(E) bars in Section	Number of d(E) bars in Section	Number of d1(E) bars in Section	Number of U(E) bars in Section	WEIGHT OF EPOXY CTD. REBAR (LB)	PAVEMENT REMOVAL (SQ YD)	CONCRETE BARRIER REMOVAL (FOOT)	TIE BARS 3/4" (EACH)	CONCRETE BARRIER, SINGLE FACE, 34 INCH HEIGHT (FOOT)	CONCRETE BARRIER BASE (SPECIAL) (FOOT)	ACRYLIC COATING (SQ YD)	CHAIN LINK FENCE, ATTACHED TO STRUCTURE, SPECIAL (FOOT)
LT 38+26.00	39+00.00	74.00	7.583	8.2	27.4	16	3	25.89	10	3	26.28	150	75	75	20	4,407	62.3	74.00	51	74.00	74.00	54.84	74.0
TOTALS		74	7.583	8.2	27.4											4,407	62.3	74.00	51	74.00	74.00	54.84	74.0
USE																4,407	63	74	51	74	74	55	74
TYPE B BARRIER																							
Beginning Station (Exp. Joint)	Ending Station (Exp. Joint)	Section Length (FT)	Width of Pavement Removal (FT)	Volume of Conc. in Barrier (CY)	Volume of Conc. in Base (CY)	Number of w(E) bars in Base	Number of w(E) bar Lengths in Section	Length of w(E) bars	Number of e1(E) bars in Parapet	Number of e1(E) bar Lengths in Section	Length of e1(E) bars	Number of t(E) bars in Section	Number of d(E) bars in Section	Number of d1(E) bars in Section	Number of U(E) bars in Section	WEIGHT OF EPOXY CTD. REBAR (LB)	PAVEMENT REMOVAL (SQ YD)	CONCRETE BARRIER REMOVAL (FOOT)	TIE BARS 3/4" (EACH)	CONCRETE BARRIER, SINGLE FACE, 34 INCH HEIGHT (FOOT)	CONCRETE BARRIER BASE (SPECIAL) (FOOT)	ACRYLIC COATING (SQ YD)	
LT 37+60.08	38+26.00	65.92	3.583	7.3	20.5	12	3	23.20	10	3	23.59	134	67	67		3,725	26.2	65.92	45	65.92	65.92	61.01	
LT 39+00.00	39+75.00	75.00	3.583	8.3	23.3	12	3	26.22	10	3	26.61	152	76	76		4,222	29.9	75.00	51	75.00	75.00	69.42	
LT 39+75.00	40+50.00	75.00	3.583	8.3	23.3	12	3	26.22	10	3	26.61	152	76	76		4,222	29.9	75.00	51	75.00	75.00	69.42	
LT 40+50.00	41+25.00	75.00	3.583	8.3	23.3	12	3	26.22	10	3	26.61	152	76	76		4,222	29.9	75.00	51	75.00	75.00	69.42	
LT 41+25.00	41+77.21	52.21	3.583	5.8	16.2	12	3	18.63	10	3	19.02	106	53	53		2,974	20.8	52.21	36	52.21	52.21	48.32	
RT 37+60.08	38+35.00	74.92	3.583	8.3	23.3	12	3	26.20	10	3	26.59	152	76	76		4,217	29.8	74.92	51	74.92	74.92	69.34	
RT 38+35.00	39+10.00	75.00	3.583	8.3	23.3	12	3	26.22	10	3	26.61	152	76	76		4,222	29.9	75.00	51	75.00	75.00	69.42	
RT 39+10.00	39+85.00	75.00	3.583	8.3	23.3	12	3	26.22	10	3	26.61	152	76	76		4,222	29.9	75.00	51	75.00	75.00	69.42	
RT 39+85.00	40+60.00	75.00	3.583	8.3	23.3	12	3	26.22	10	3	26.61	152	76	76		4,222	29.9	75.00	51	75.00	75.00	69.42	
RT 40+60.00	41+10.90	50.90	3.583	5.7	15.8	12	3	18.19	10	3	18.58	104	52	52		2,903	20.3	50.90	35	50.90	50.90	47.11	
TOTALS		693.95		77.1	215.4											39,151	276.5	693.95	473	693.95	693.95	642.29	
USE																39,151	277	694	473	694	694	643	



- NOTES:**
- SEE HIGHWAY STD 664001 & SPECIAL PROVISIONS FOR ADDITIONAL FENCE DETAILS.
 - REMOVE AND REPLACE EXISTING CHAIN LINK FENCE ATTACHED TO BARRIER. NO SALVAGE. COST INCLUDED IN CHAIN LINK FENCE, ATTACHED TO STRUCTURE, SPECIAL.



- NOTES:**
- REINFORCEMENT BARS, EPOXY COATED AND CONCRETE FOR BARRIERS AND BASE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF CONCRETE BARRIER AND CONCRETE BARRIER BASE OF TYPE SPECIFIED.
 - (*) CONCRETE BARRIER HEIGHT AND FACE SHALL MATCH PARAPET AT EAST ABUTMENT OF CEDAR STREET BRIDGE.
 - (**) CONCRETE BARRIER HEIGHT AND FACE SHALL MATCH PARAPET AT WEST WINGWALLS OF RICHLAND STREET BRIDGE.

FILE NAME = S:\Projects\2015 JOBS\151L004-00 OEI PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0468A93-sht-Barrier_01.dgn
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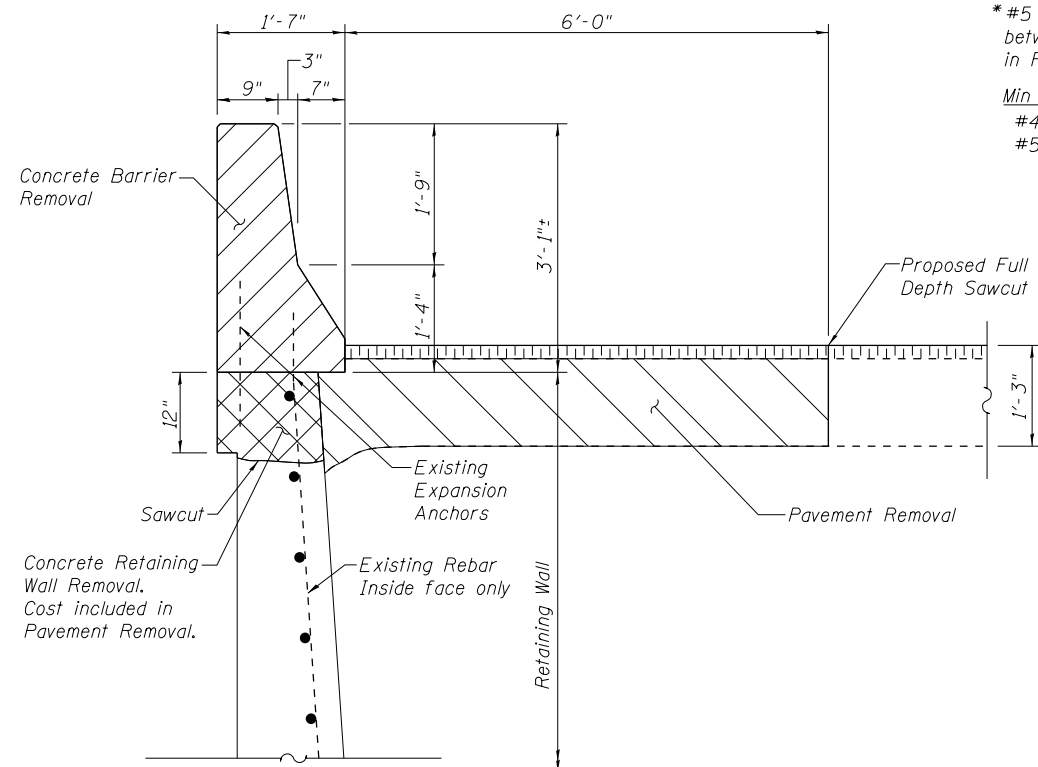
USER NAME = rgoertz	DESIGNED - RG	REVISED -
D468A93-sht-Barrier_01.dgn	DRAWN - RG	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MCV	REVISED -
PLOT DATE = 10/05/2015	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EAST APPROACH BARRIER PLAN			
SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. 37+50.00 TO STA. 43+00.00	

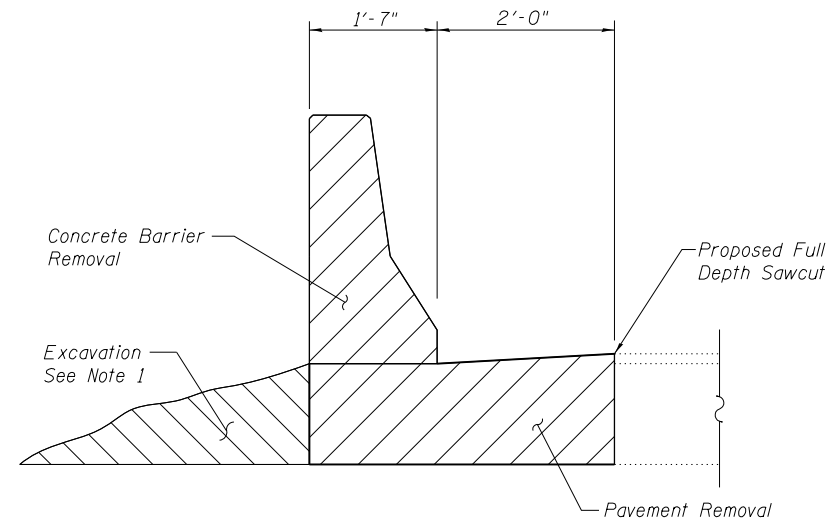
F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 66
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

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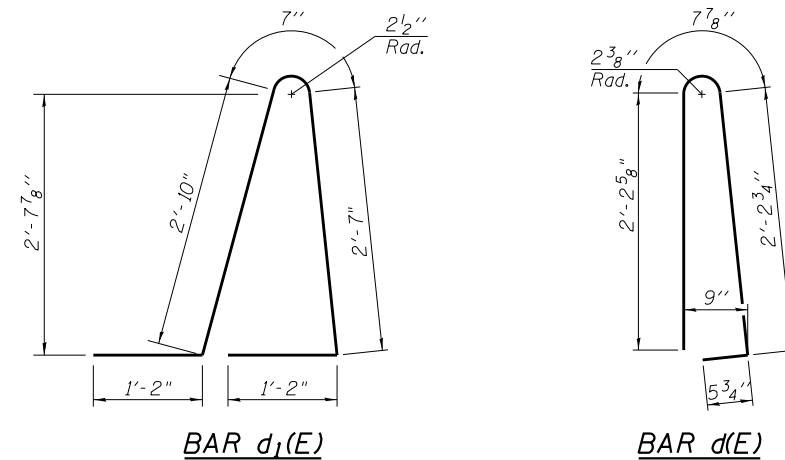


SECTION A-A EXISTING
 (Type A Barrier)
 Sta 38+26 to Sta 39+00

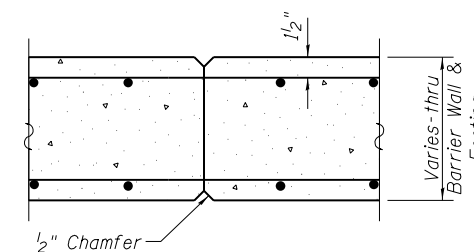
*#5 e₁(E) & #4 w(E) bars shall be continuous between expansion joints. Space as shown in Proposed Sections.
 Min Bar Laps
 #4 2'-0"
 #5 2'-7"



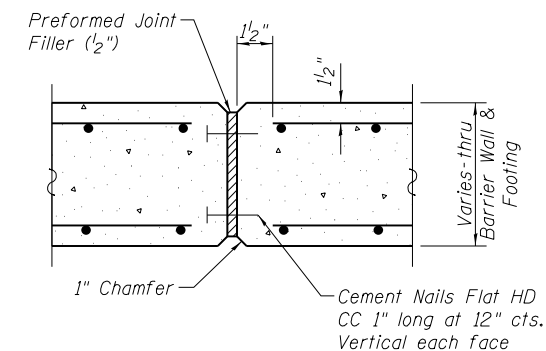
SECTION B-B EXISTING
 (Type B Barrier)
 Sta 37+60.08 to Sta 38+26.00 Lt
 Sta 39+00.00 to Sta 41+77.21 Lt
 Sta 37+60.08 to Sta 41+10.90 Rt



BAR d₁(E)
BAR d(E)

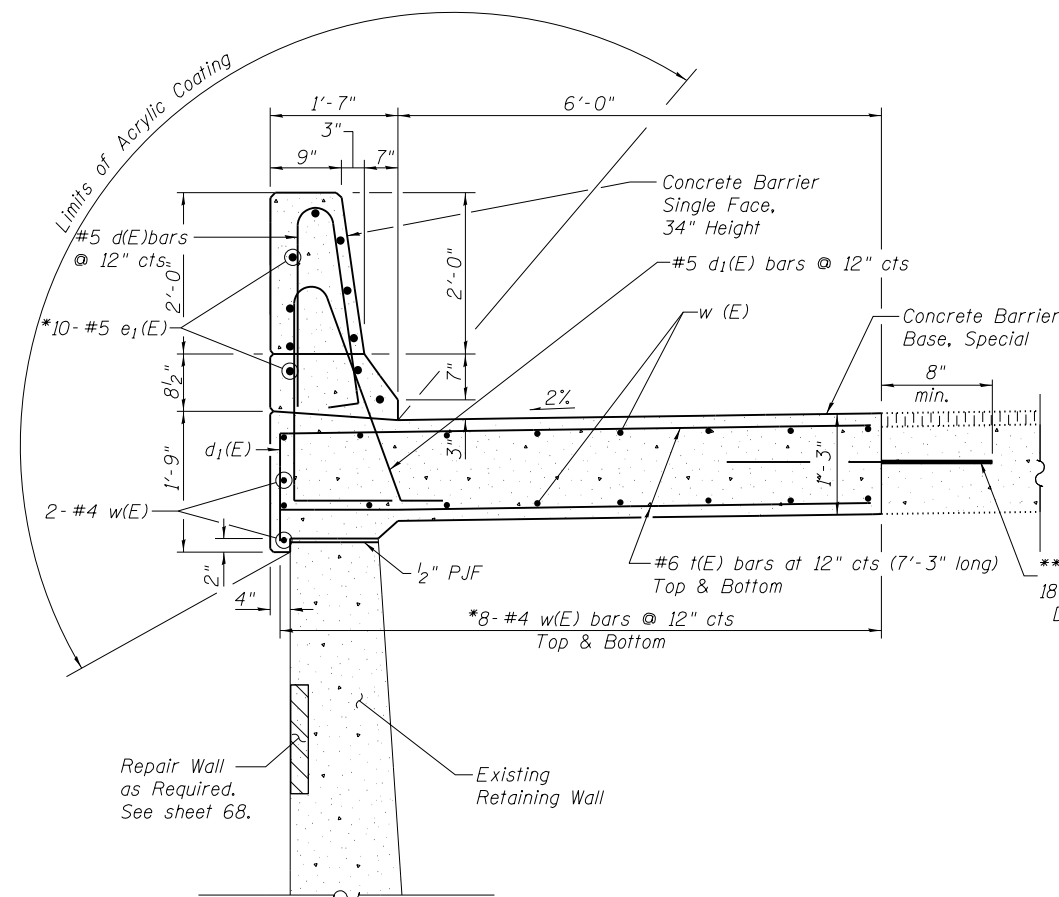


CONSTRUCTION JOINT
 Max Spacing = 25'

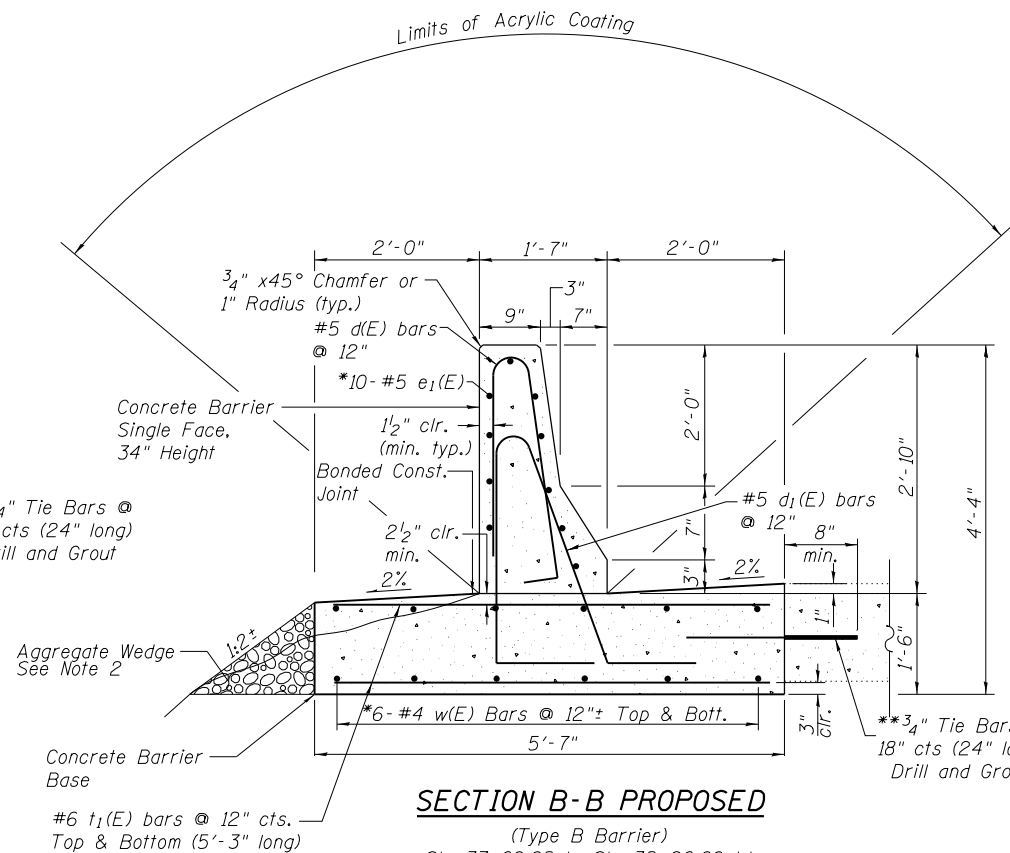


EXPANSION JOINT
 Max Spacing = 75'
 Min. Spacing = 25'

- Notes:
- Excavation for the construction of Conc. Barrier Base shall not be paid for separately, but shall be included in the cost of CONCRETE BARRIER BASE. Est. Quantity = 78 C.Y.
 - Aggregate wedge shall be CA6 material. Furnishing and placing aggregate wedge shall not be paid for separately, but shall be included in the cost of CONCRETE BARRIER BASE. Est. Quantity = 58 C.Y.



SECTION A-A PROPOSED
 (Type A Barrier)
 Sta 38+26 to Sta 39+00



SECTION B-B PROPOSED
 (Type B Barrier)
 Sta 37+60.08 to Sta 38+26.00 Lt
 Sta 39+00.00 to Sta 41+77.21 Lt
 Sta 37+60.08 to Sta 41+10.90 Rt

** Locate Tie Bars in center of existing pavement. Work this sheet with sheet 66.



USER NAME = rgoertz
 D468A93-sht-Barrier_02.dgn
 PLOT SCALE = 0:2.0000 1' / in.
 PLOT DATE = 10/05/2015

DESIGNED -
 CHECKED -
 DRAWN -
 CHECKED -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EAST APPROACH BARRIER DETAILS

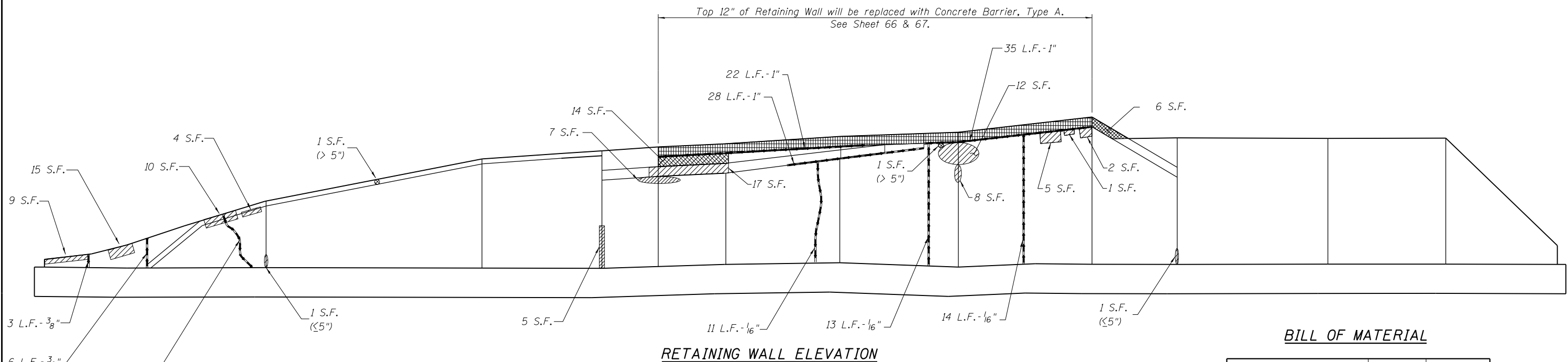
SHEET NO. OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	67
CONTRACT NO. 68A93				

ILLINOIS FED. AID PROJECT

(*) Peoria / Tazewell

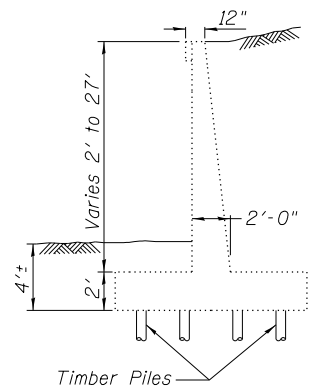
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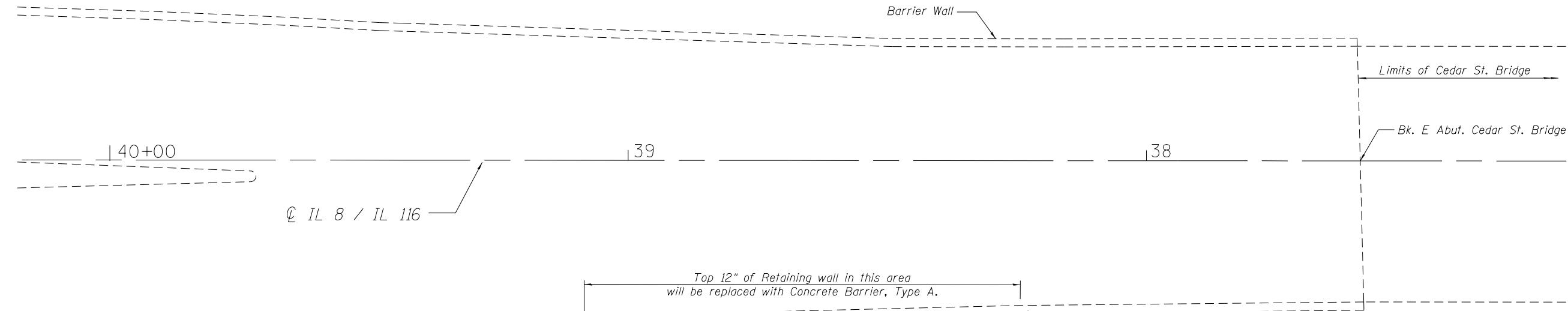
RETAINING WALL ELEVATION

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Repair of Conc. Depth < 5 inches	SQ FT	97
Structural Repair of Conc. Depth > 5 inches	SQ FT	22
Epoxy Crack Injection	Foot	142



TYPICAL SECTION



RETAINING WALL PLAN

LEGEND

- = Epoxy Crack Injection
- = Structural Repair of Concrete < 5 inches
- = Structural Repair of Concrete > 5 inches
- = Concrete Removal
- S.F. = Square Feet
- L.F. = Linear Feet

(*) Peoria / Tazewell



USER NAME : rgoertz	DESIGNED -	REVISED -
D468A93-shr-Ret Wall.dgn	CHECKED -	REVISED -
PLOT SCALE : 0:2.0000 '1' / in.	DRAWN -	REVISED -
PLOT DATE : 10/05/2015	CHECKED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EAST APPROACH RETAINING WALL REPAIR

SHEET NO. OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	68

CONTRACT NO. 68A93

ILLINOIS FED. AID PROJECT

TBM #1: Cap bolt between the E&L in Mueller on the fire hydrant at the N.E. quadrant of Washington and MacArthur. Sta. 110+47.04, 31.83' LT, Elev. 486.23
 TBM #2: North cap bolt marked with an "X" on the fire hydrant on the west side of Cedar Street Bridge, between Piers 5 and 6. Sta. 3+01.61, 35.51' RT, Elev. 470.22
 TBM #3: Top of the N.E. bolt of the steel pier bearing on the east pad of Pier 8. Sta. 4+99.31, 18.29' LT, Elev. 466.71
 TBM #4: Top of a RR spike in the south face of the power pole N.E. of Pier 8. Sta. 5+07.63, 425.07' LT, Elev. 467.38

LOADING HS20-44 (NEW CONSTRUCTION)
 Allow 0#/#sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS
 2002 AASHTO Standard Specifications for Highway Bridges,
 17th Edition

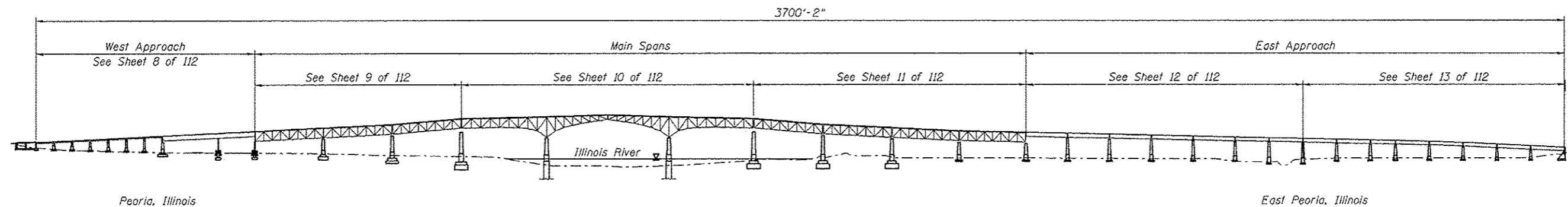
Existing Structure: Structure No. 090-0030. Completed in 1932; Thirty-four spans, 7 simple multibeam,
 17 simple riveted dual plate girder spans, 7 simple deck truss and 3 haunched cantilever truss units.
 Total length = 3700'-2" back to back of abutments, 49'-2" roadway.

DESIGN STRESSES

FIELD UNITS
 $f'c = 4,000$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (M270 Grade 50)

Previous Work:

- 1986 - Pier rehabilitation and jacking pier installation
 Pier bearing adjustment, rehab, or replacement
 Repairs to trusses and girders
 Replacement of navigation lighting
- 1987 - Removal and replacement of concrete deck
 Repair of floorbeams and stringers
 Replacement of parapets and expansion devices
 Rehabilitation of west abutment
- 2001 - Concrete repairs at piers
 Structural steel repairs throughout bridge
 Replacement of truss hanger pins
 Cleaning and painting of entire structure
 Replacement of expansion joint seals



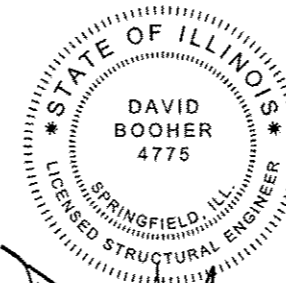
ELEVATION - CEDAR STREET BRIDGE
 (Looking North)

DESIGN STRESSES (1929 ORIGINAL)

Design Traffic Lanes: Four - 10'-0" Lanes, No shoulders
 Design Specifications: A.R.E.A. Specifications for Steel Highway
 Bridges of 1927 Modified as follows:
 Unit Stresses
 Axial tension on net section 18,000# per Sq. in.
 Axial compression on gross section 18,000-80 L/R
 Loading: H20

DESIGN STRESSES (1986 REHABILITATION)

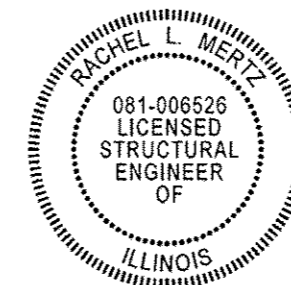
Design Traffic Lanes: Four - 12' Lanes, 7" shoulders
 No additional wearing surface allowed.
 Design Specifications: 1983 AASHTO and 1984 thru 1986 Interim Specifications
 Loading: HS20-44
 Reinforced Concrete $f'c = 3,500$ psi
 Reinforcing Steel $f_y = 60,000$ psi
 Structural Steel $f_y = 36,000$ psi (M-183)
 $f_y = 50,000$ psi (M-223, Grade 50)



[Signature] 10-5-2015

DAVID BOOHER
 SPRINGFIELD, ILLINOIS
 ILLINOIS LICENSED STRUCTURAL
 ENGINEER NO. 081-004775
 EXPIRES 11/30/2016

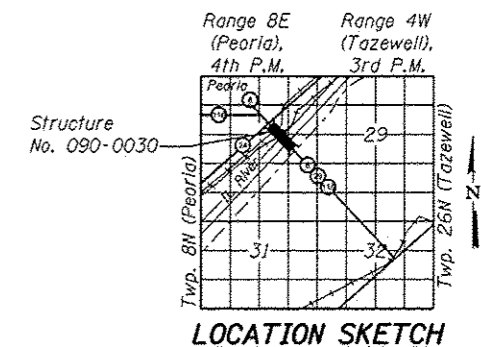
Booher seal applies to work shown on
 Sheets 14-22, 76, 97-104 and
 108-112 of 112.



[Signature] 10/5/2015

RACHEL L. MERTZ
 EDWARDSVILLE, ILLINOIS
 ILLINOIS LICENSED STRUCTURAL
 ENGINEER NO. 081-006526
 EXPIRES 11/30/2016

Mertz seal applies to work shown on
 Sheets 1-13, 23-75, 77-96 and
 105-107 of 112.



GENERAL PLAN
CEDAR STREET BRIDGE
OVER ILLINOIS RIVER
F.A.P. ROUTE 669
PEORIA/TAZEVELL COUNTIES
STATION 14+43.00 (CENTER OF MAIN SPAN)
STRUCTURE NO. 090-0030

	USER NAME *	DESIGNED - RLM	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER SHEET NO. 1 OF 112 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE *	CHECKED - JTH	REVISED			669	1103B11-7	PEORIA/TAZEVELL	180	69
	PLOT DATE * 10/05/2015	DRAWN - AEC	REVISED			CONTRACT NO. 68A93				
		CHECKED - RLM	REVISED			ILLINOIS FED. AID PROJECT				

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2	Index of Sheets and Total Bill of Material	74	Main Span Pin and Link Replacement
3	General Notes	75	Main Span Pin and Link Replacement Details
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TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu Yd	-	439	439
Stone Dumped Riprap, Class A6	Ton	-	835	835
Concrete Removal	Cu Yd	148.4	-	148.4
Protective Shield	Sq Yd	7,614	-	7,614
Structure Excavation	Cu Yd	-	345	345
Concrete Structures	Cu Yd	-	317.8	317.8
Concrete Superstructure	Cu Yd	147.1	-	147.1
Bridge Deck Grooving	Sq Yd	276	-	276
Protective Coat	Sq Yd	541	-	541
Furnishing and Erecting Structural Steel	L Sum	1	-	1
Reinforcement Bars, Epoxy Coated	Pound	50,330	50,670	101,000
Bar Splicers	Each	236	-	236
Preformed Joint Strip Seal	Foot	1,178	-	1,178
Fabric Reinforced Elastomeric Trough	Foot	52	-	52
Anchor Bolts, 1"	Each	8	-	8
Concrete Sealer	Sq Ft	-	19,513	19,513
Epoxy Crack Injection	Foot	-	72	72
Impact Attenuators (Fully Redirective, Narrow), Test Level 3	Each	-	4	4
Light Pole, Aluminum, 45 Ft. M.H., 6 Ft. Davit Arm	Each	1	-	1
Removal of Lighting Unit, No Salvage	Each	1	-	1
Placement of Cement Grout	Cu Ft	-	40	40
Acrylic Coating	Sq Yd	6,108	-	6,108
Navigation Lighting System	L Sum	1	-	1
Structural Steel Removal	L Sum	1	-	1
Structural Steel Repair	Pound	40,780	-	40,780
Bridge Drainage System Repair	Each	10	-	10
Containment and Disposal of Lead Paint Cleaning Residues No. 1	L Sum	1	-	1
Cleaning and Painting Steel Bridge No. 1	L Sum	1	-	1
Cleaning Drainage System	L Sum	1	-	1
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq Ft	75	863	938
Deck Slab Repair (Partial)	Sq Yd	34	-	34
Drainage System	L Sum	1	-	1
Pin and Link Plate Replacement	Each	2	-	2
Preformed Joint Filler	Foot	-	176	176
Stabilization Fabric	Sq Yd	-	511	511
Temporary Shoring and Cribbing	L Sum	1	-	1
Temporary Support System	L Sum	1	-	1



USER NAME =	DESIGNED - RLM	REVISED
	CHECKED - APL	REVISED
PLOT SCALE =	DRAWN - AEC	REVISED
PLOT DATE = 10/05/2015	CHECKED - RLM	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS AND TOTAL BILL OF MATERIAL
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER**

SHEET NO. 2 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103BI)-7	PEORIA/TAZEWELL	180	70
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

Fasteners shall be ASTM A 325 Type 1, mechanically galvanized bolts. Bolts 7/8" dia., open holes 1 5/16" dia., unless otherwise noted.

The Contractor shall replace all loose, broken, severely corroded or missing rivets with H.S. bolts. Cost included in Structural Steel Repair. The weight of each bolt, not detailed for replacement within the contract plans, shall be in addition to the quantities shown on the plans.

Calculated weight of Furnish and Erect Structural Steel = 14,170 lbs

Calculated weight of Structural Steel Removal = 17,390 lbs

All new structural steel shall conform to M270 Grade 50, unless otherwise noted.

No field welding is permitted except as specified in the contract documents.

Reinforcement bars designated (E) shall be epoxy coated.

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.

The Contractor shall field verify all proposed \varnothing dimensions and spacing of holes prior to ordering steel.

Existing structure plans are available for review in the District office. Contact Christopher Maushard at (309) 671-3453.

Gaps between the existing steel and the new steel angles and/or cover plates, as well as abandoned holes to be covered by new steel plates and/or angles, shall be sealed with an approved polyurethane sealant. The sealant shall be compatible with the proposed paint system and shall be submitted to the Engineer for approval prior to use. All costs associated with the installation of the sealant shall be included with the cost for Structural Steel Repair.

The Contractor shall perform the work with care, so that any materials which are to remain in place shall not be damaged. If the Contractor damages any materials which are to remain in place, the damaged materials shall be replaced or repaired in a manner satisfactory to the Engineer at the expense of the Contractor.

Concrete sealer shall be applied to the designated areas of the abutments and piers.

The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. For this project, the anticipated construction activities within the water are limited to pier repairs and riprap placement. Any permit application by the Contractor shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the contract plans.

PAINTING NOTES

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project as specified in the special provision for Containment and Disposal of Lead Paint Cleaning Residues.

The Contractor shall submit calculations and details demonstrating the structural integrity of the bridge is maintained under the additional imposed loads of the containment system. See special provisions.

A minimum of 4 air monitors will be required to monitor abrasive blasting operations at this site. See special provision for Containment and Disposal of Lead Paint Cleaning Residues.

Cleaning and painting of the existing structural steel shall be as specified in the special provision for Cleaning and Painting Existing Steel Structures. For defined limits of the required painting and location specific cleaning and painting requirements, see Sheets 81 thru 85 of 112. The Contractor shall match the color of the final finish coat to the existing paint color on the structure.

Cleaning and painting of existing structural steel in the areas of structural repairs or new structural installations shall be as specified in the special provision for Cleaning and Painting Contact Surface Areas of Existing Steel Structures.

The Organic Zinc Rich Primer/Epoxy/Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception of the exterior surfaces and the bottom of the bottom flange of fascia beams, masked off connection surfaces, field installed fasteners and damaged areas, all of which shall be touched up in the field. The color of the final finish coat for all steel surfaces shall be warm grey, Munsell No. 2.5y 5/1. See special provision for Cleaning and Painting New Metal Structures.

CONSTRUCTION REQUIREMENTS

The Contractor shall sequence construction in order to complete work in accordance with the required completion date. See the special provision for Working Restrictions.

The Contractor is required to provide Structural Assessment Report(s) for the proposed work. See Special Provision.

The Contractor shall retain the services of an engineering firm, prequalified in the IDOT consultant selection category of Highway Bridges (Complex), for preparation of the Structural Assessment Report(s). Contractor's pre-approval shall not be applicable for this project. See Special Provision.

Current Ratings on File for Existing Structure
Inventory: HS 8.8
Operating: HS 14.8
Live Load Restrictions: Legal Loads only

Inventory and Operating Ratings and Live Load Restrictions are provided for information only. Inventory and Operating Ratings are based on HS loading and configuration. Live Load Restrictions are based on Illinois legal loads and configurations. The Ratings and Live Load Restrictions are not necessarily representative of capacities to support the Contractor's equipment.

The Contractor is advised that the existing structure contains members that are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the existing structure when developing construction procedures for the complete or partial removal, or replacement of the structure. An Existing Structure Information Package is available upon request as noted in the special provisions.

Truss member and gusset plate repairs are to be completed under reduced bridge live loads. Individual truss member and gusset plate repairs shall be completed when stage traffic is on the opposite side of the bridge with respect to the repair location.



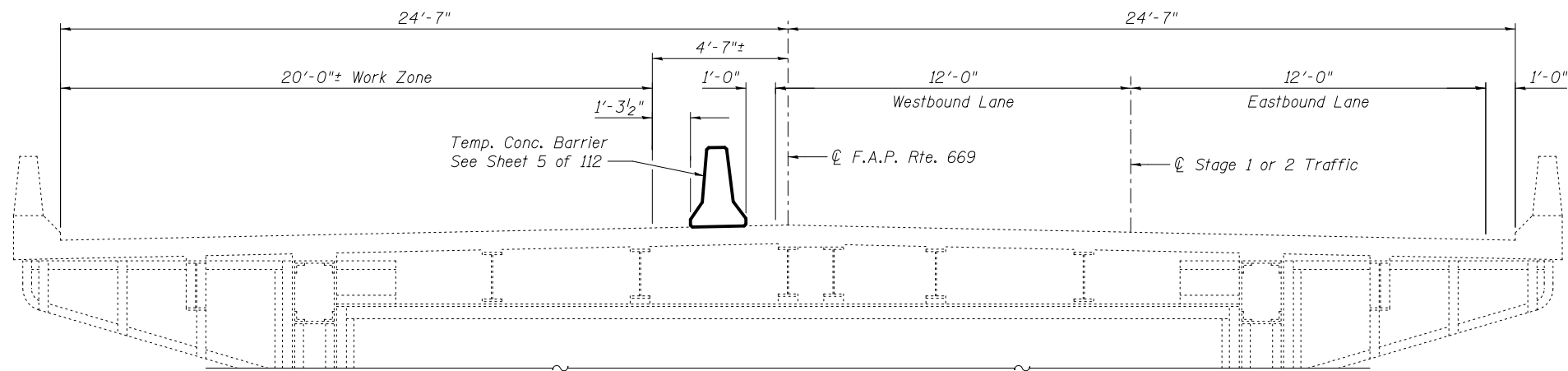
USER NAME =	DESIGNED - RLM	REVISED
	CHECKED - JMH	REVISED
PLOT SCALE =	DRAWN - AEC	REVISED
PLOT DATE = 10/05/2015	CHECKED - RLM	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER**

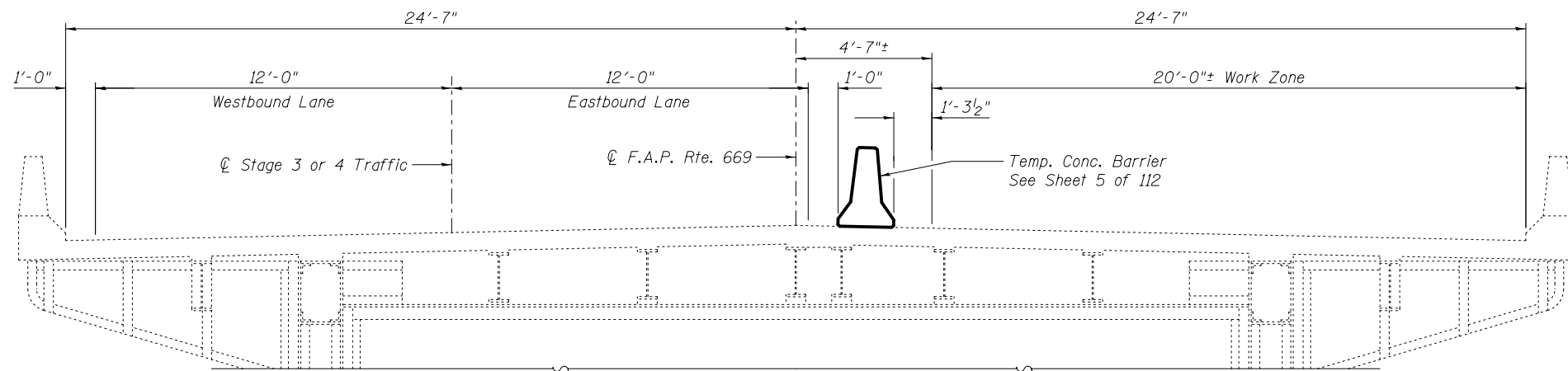
SHEET NO. 3 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	PEORIA/TAZEWELL	180	71
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



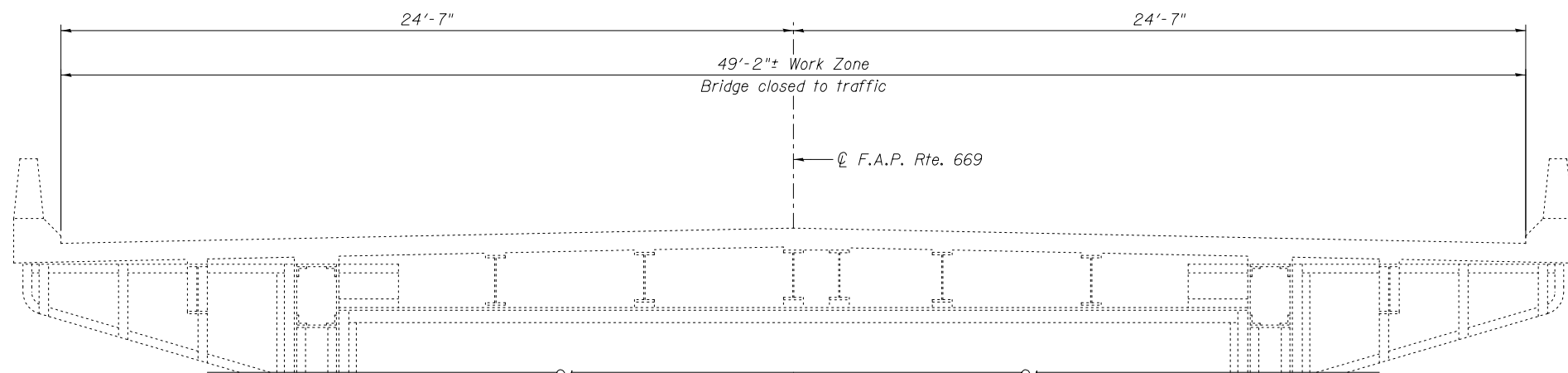
STAGES 1 AND 2 CROSS SECTION

(Truss span shown, other spans similar)
(Looking East)



STAGES 3 AND 4 CROSS SECTION

(Truss span shown, other spans similar)
(Looking East)



BRIDGE CLOSURE STAGE CROSS SECTION

(Truss span shown, other spans similar)
(Looking East)



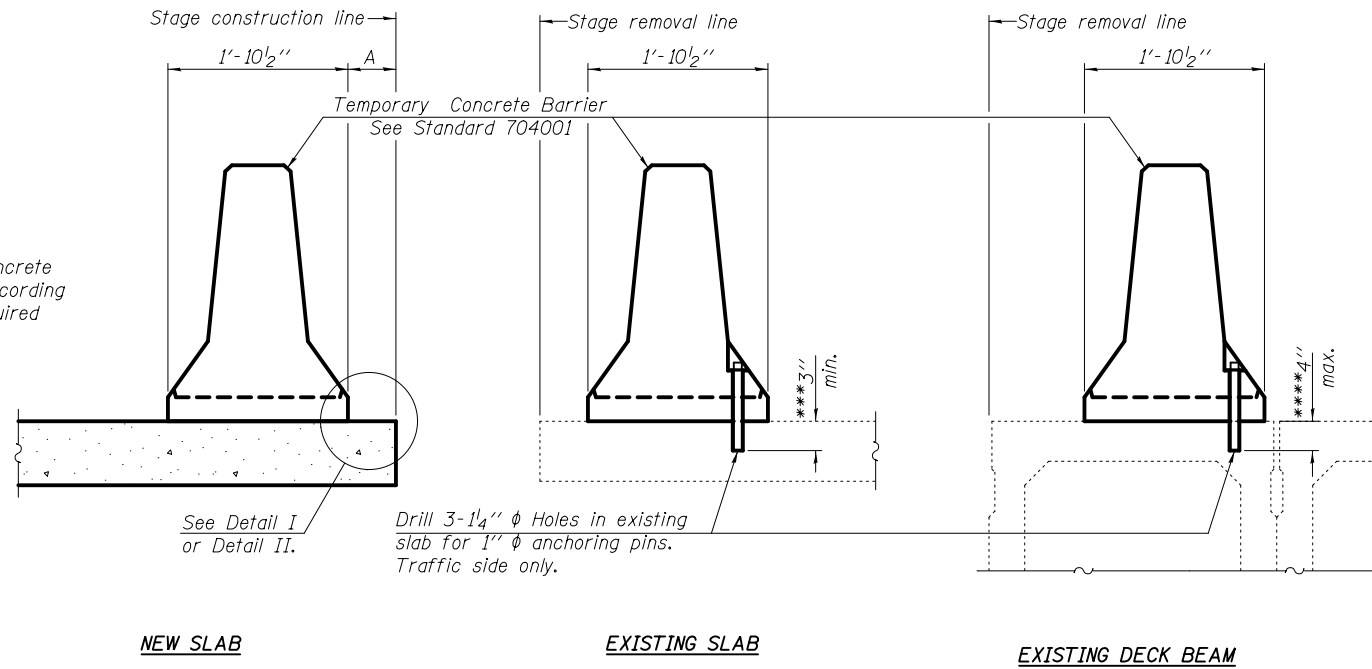
USER NAME =	DESIGNED - RLM	REVISED
	CHECKED - APL	REVISED
PLOT SCALE =	DRAWN - PRC	REVISED
PLOT DATE = 10/05/2015	CHECKED - RLM	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL STAGE CONSTRUCTION
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	PEORIA/TAZEWELL	180	72
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

When "A" is 3'-1" 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'-1".



SECTIONS THRU SLAB OR DECK BEAM

NOTES

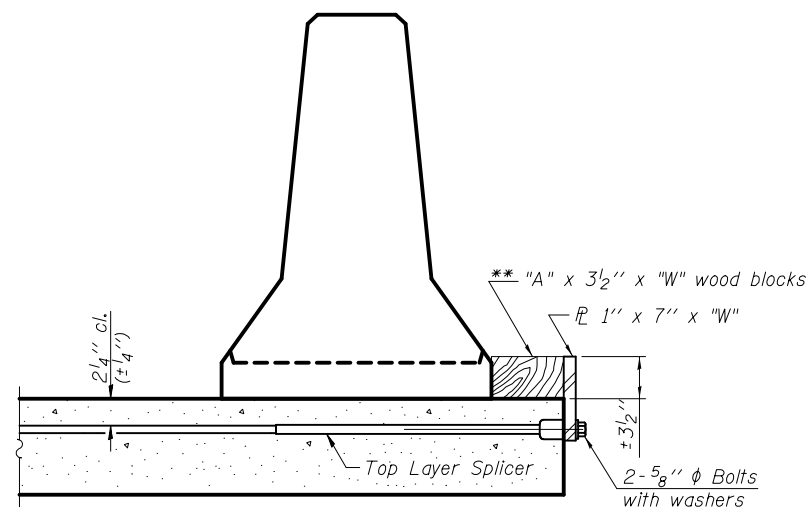
Detail I - With Bar Splicer or Couplers:
Connect one (1) 1" x 7" x "W" steel PL to the top layer of couplers with 2-5/8" φ bolts screwed to coupler at approximate C of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1" x 7" x "W" steel PL 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 C of each barrier panel.

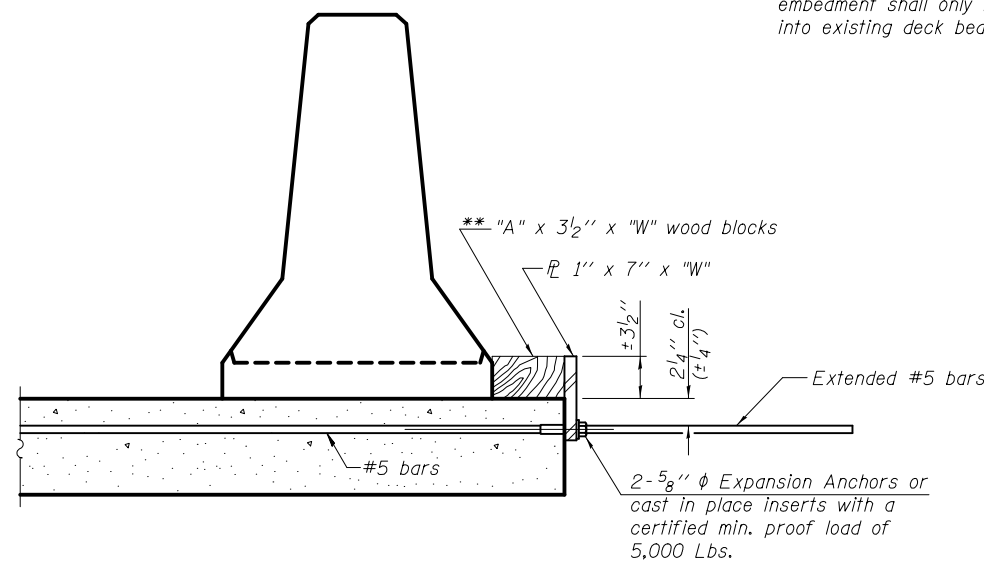
Cost of retainer assembly is included with Temporary Concrete Barrier. The 1" x 7" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

*** 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.

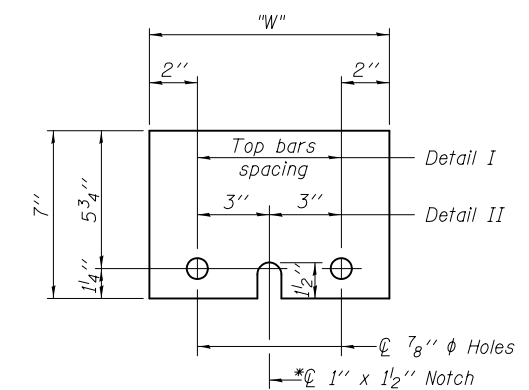
**** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



DETAIL I



DETAIL II



STEEL RETAINER PL 1" x 7" x "W"

* Required only with Detail II

RETAINER ASSEMBLY

** 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.

R-27

1-12-15



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 5 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	PEORIA/TAZEWELL	180	73
CONTRACT NO. 68A93			ILLINOIS FED. AID PROJECT	

Repair I.D. No.	06/08/2015 NBIS Inspection Deficiency Item No.	Location	Sheet No. of 112
1	403	West Abutment	86 - 87
1	-	Pier 2	86 - 87
1	-	Pier 4	86 - 87
1	-	Pier 5	86 - 87
1	-	Pier 8	90 - 91
1	-	Pier 9	90 - 91
1	-	Pier 10	90 - 91
1	405	Pier 11	90 - 91
1	434	Pier 12	90 - 91
1	2	Pier 12	93
1	443	Midspan 14	88 - 89
1	450	Pier 15	90 - 91
1	2	Pier 15	93
1	181	Pier 16	90 - 91
1	-	Pier 17	90 - 91
1	470	Pier 19	90 - 91
1	-	Pier 20	90 - 91
1	2	Pier 20	93
1	2	Pier 20	93
1	475	Pier 22	90 - 91
1	-	Pier 24	90 - 91
1	-	Pier 26	90 - 91
1	-	Pier 27	90 - 91
1	2	Pier 27	93
1	418	Pier 29	90 - 91
1	219	Pier 31	90 - 91
1	419	Pier 33	90 - 91
1	420	East Abutment	90 - 91
2	331	Pier 18	96
2	-	Pier 18	93
3	-	Vaulted West Abutment Top Slab	97 - 98
4	2	Span 8	14
4	2	Span 14	15
4	2	Span 15	15
4	2	Span 16	15
4	2	Span 17	15
4	2	Span 18	16
4	2	Span 21	16
4	2	Span 22	16
4	2	Span 30	17
5	131	Span 5, North Parapet	18 - 19
5	131	Span 6, North Parapet	18 - 19
5	131	Span 7, North Parapet	18 - 19
5	131	Span 8, North Parapet	18 - 19
5	131	Span 9, North Parapet	18 & 20
5	131	Span 10, North & South Parapets	18 & 20
5	131	Span 11, North Parapet	18 & 21
5	-	Span 11, North Light Pole Base	21
5	301	Span 12, North Sign Base	21
5	131	Span 14, North & South Parapets	18 & 22
5	131	Span 15, North Parapet	18 & 22
5	191	Span 18, North Parapet	18 & 22
5	131	Span 21, North Parapet	18 & 22
5	131	Span 22, South Parapet	18 & 22
5	131	Span 25, North Parapet	18 & 22
5	476	Span 26, South Light Pole Base	21
5	131	Span 29, South Parapet	18 & 22
5	131	Span 34, North Parapet	18 & 22
5	383	Span 7, North Light Pole Base	21
5	461	Span 17, South Light Pole Base	21
6	57	Span 10, L2S	28
6	426	Span 10, L2N, Inside Gusset Plate	28
6	58	Span 10, L4N	29
6	427	Span 10, L4S, Inside Gusset Plate	29
6	59	Span 10, L6S	28
6	60	Span 10, L7S, Inside Gusset Plate	27
6	62	Span 10, L8S	24
6	63	Span 10, L8N	24
6	65	Span 11, LOS	25
6	66	Span 11, LON	25
6	67	Span 11, LIS	27
6	68	Span 11, L2S	28
6	69	Span 11, L2N	28

Repair I.D. No.	06/08/2015 NBIS Inspection Deficiency Item No.	Location	Sheet No. of 112
6	70	Span 11, L3S, Inside Gusset Plate	27
6	71	Span 11, L3N	27
6	72	Span 11, L4S	29
6	73	Span 11, L4N	29
6	74	Span 11, L5N, Inside Gusset Plate	27
6	75	Span 11, L6S	28
6	76	Span 11, L6N, Inside Gusset Plate	28
6	77	Span 11, L7S	27
6	79	Span 11, L8S	26
6	84	Span 12, L0S	25
6	91	Span 12, L2S	28
6	92	Span 12, L2N, Inside Gusset Plate	28
6	93	Span 12, L3S	27
6	94	Span 12, L4N	29
6	433	Span 12, L4S, Outside Gusset Plate	29
6	95	Span 12, L5S, Outside Gusset Plate	27
6	232	Span 12, L6S	28
6	233	Span 12, L6N, Inside Gusset Plate	28
6	98	Span 12, L7N	27
6	99	Span 12, L7S	27
6	103	Span 12, L8S	24
6	107	Span 13, L16S	30
6	108	Span 13, L16N	30
6	109	Span 13, L15S, Outside Gusset Plate	32
6	110	Span 13, L15N, Outside Gusset Plate	32
6	112	Span 13, L14S	31
6	113	Span 13, L14N	31
6	114	Span 13, L13S	32
6	115	Span 13, L13N, Outside Gusset Plate	32
6	117	Span 13, L12S	33
6	118	Span 13, L12N, Outside Gusset Plate	33
6	120	Span 13, L11S, Outside Gusset Plate	34
6	121	Span 13, L11N, Outside Gusset Plate	34
6	122	Span 13, L10S	35
6	123	Span 13, L10N	35
6	124	Span 13, L9S	36
6	125	Span 13, L9N	36
6	126	Span 13, L8N	37
6	132	Span 14, L5N	39
6	134	Span 14, L4N	40
6	135	Span 14, L3S	41
6	136	Span 14, L3N	41
6	137	Span 14, L2N	42
6	138	Span 14, L1N	43
6	312	Span 14, L1S	43
6	139	Span 14, L0S	44
6	140	Span 14, L0N	44
6	43	Span 14, U0S, Outside Gusset Plate	46
6	141	Span 14, L0'S	45
6	142	Span 14, L0'N	45
6	445	Span 14, L1'S, Inside Gusset Plate	43
6	144	Span 14, L1'N	43
6	145	Span 14, L2'S	42
6	317	Span 14, L2'N	42
6	146	Span 14, L3'S	41
6	318	Span 14, L3'N, Inside Gusset Plate	41
6	147	Span 14, L4'S	40
6	148	Span 14, L4'N	40
6	149	Span 14, L5'S	39
6	150	Span 14, L5'N	39
6	151	Span 14, L6'N, Inside Gusset Plate	38
6	153	Span 15, L8'S	37
6	154	Span 15, L9'S	36
6	155	Span 15, L9'N	36
6	237	Span 15, L10'N	35
6	157	Span 15, L11'S	34
6	160	Span 15, L12'S	33
6	161	Span 15, L12'N	33
6	162	Span 15, L13'S, Outside Gusset Plate	32
6	240	Span 15, L13'N	32
6	163	Span 15, L14'S, Outside Gusset Plate	31
6	164	Span 15, L14'N	31
6	243	Span 15, L15'N, Inside Gusset Plate	32

Repair I.D. No.	06/08/2015 NBIS Inspection Deficiency Item No.	Location	Sheet No. of 112
6	244	Span 15, L15'S, Inside Gusset Plate	32
6	170	Span 15, L16'S, Outside Gusset Plate	30
6	326	Span 15, L16'N	30
6	451	Span 16, L0N	24
6	248	Span 16, L1N, Inside Gusset Plate	27
6	171	Span 16, L2S	28
6	172	Span 16, L2N, Inside Gusset Plate	28
6	249	Span 16, L3N, Inside Gusset Plate	27
6	250	Span 16, L3S, Inside Gusset Plate	27
6	174	Span 16, L4S	29
6	175	Span 16, L4N	29
6	252	Span 16, L5N, Inside Gusset Plate	27
6	176	Span 16, L6S	28
6	253	Span 16, L6N, Inside Gusset Plate	28
6	177	Span 16, L7S, Inside Gusset Plate	27
6	179	Span 16, L8S, Outside Gusset Plate	25
6	255	Span 16, L8N	25
6	182	Span 17, L0S	24
6	259	Span 17, L0N	24
6	260	Span 17, L2S, Inside Gusset Plate	28
6	186	Span 17, L4S, Inside Gusset Plate	29
6	264	Span 17, L4N, Inside Gusset Plate	29
6	265	Span 17, L6S, Inside Gusset Plate	28
6	188	Span 17, L7S, Inside Gusset Plate	27
6	189	Span 17, L8S	25
6	192	Span 18, L0N	48
6	193	Span 18, L0S	48
6	194	Span 18, L1N, Inside Gusset Plate	49
6	195	Span 18, L1S, Inside Gusset Plate	49
6	196	Span 18, L2N, Inside Gusset Plate	50
6	199	Span 18, L6N, Inside Gusset Plate	52
6	200	Span 18, L8N	53
6	202	Span 18, L8S	54
6	204	Span 19, L0S	48
6	205	Span 19, L0N	48
6	469	Span 19, L2S, Inside Gusset Plate	50
6	209	Span 19, L2N, Outside Gusset Plate	50
6	210	Span 19, L4N, Inside Gusset Plate	51
6	211	Span 19, L6N, Inside Gusset Plate	52
6	212	Span 19, L8S	54
6	213	Span 19, L8N	54
7	80	Span 11, L8S-U8S at L8S	55
7	41	Span 13, L16N-U16N at U16N	56
7	42	Span 14, U4S-L3S	57
7	159	Span 15, L12'N-L13'N at L12'N	58
7	168	Span 15, L16'N-U16'N at U16'N	56
7	169	Span 15, L16'S-U16'S at L16'S	58
7	246	Span 16, L0N-U0N at U0N	59
7	30	Span 17, L0S-U0S at U0S	59
7	329	Span 17, L8S-U8S at U8S	60
8	20	Span 10, L0S-L1S at LOS	61
8	61	Span 10, L7S-L8S at L8S	61
8	37	Span 11, L0S-L1S at LOS	61
8	429	Span 11, L0N-L1N at L0N	61
8	295	Span 11, L7N-L8N at L8N	61
8	229	Span 11, L7N-L8N at L8N	61
8	83	Span 12, L0S-L1S at LOS	61
8	231	Span 12, L0N-L1N at L0N	61
8	299	Span 12, L7N-L8N at L8N	61
8	13	Span 18, L0S-L1S at LOS	61
8	203	Span 19, L0S-L1S at LOS	61
9	313	Span 14, South Truss Pin and Link	74 - 75
9	314	Span 14, North Truss Pin and Link	74 - 75
10	286	Span 8, Floorbeam 0, South Cantilever Bracket	68
10	431	Span 11, Floorbeam 8, North Cantilever Bracket	67
10	432	Span 12, Floorbeam 0, North Cantilever Bracket	67
10	354	Span 12, Floorbeam 8, North Cantilever Bracket	67
10	-	Span 13, Floorbeam 16, North Cantilever Bracket	67
10	111	Span 13, Floorbeam 14	62
10	363	Span 14-15, Floorbeam 7', South Cantilever Bracket	68
10	449	Span 15, Floorbeam 16', North Cantilever Bracket	67
10	452	Span 16, Floorbeam 0, North Cantilever Bracket	67
10	453	Span 16, Floorbeam 4, North Cantilever Bracket	67

Note:
See Sheets 8 thru 13 of 112 for repair identification numbers.



USER NAME =	DESIGNED - JTH	REVISED
	CHECKED - RLM	REVISED
PLOT SCALE =	DRAWN - JTH	REVISED
PLOT DATE = 10/05/2015	CHECKED - RLM	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

2015 NBIS REFERENCE TABLE - 1
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 6 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103BI)-7	PEORIA/TAZEWELL	180	74
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

Repair I.D. No.	06/08/2015 NBIS Inspection Deficiency Item No.	Location	Sheet No. of 112
10	454	Span 16, Floorbeam 8, North Cantilever Bracket	67
10	457	Span 17, Floorbeam 0, North Cantilever Bracket	67
10	258	Span 17, Floorbeam 0	63
10	458	Span 17, Floorbeam 0, South Cantilever Bracket	67
10	463	Span 17, Floorbeam 8, North Cantilever Bracket	67
10	464	Span 17, Floorbeam 8, South Cantilever Bracket	67
10	468	Span 19, Floorbeam 0, North Cantilever Bracket	67
10	216	Span 20, Floorbeam 6, North Cantilever Bracket	69
10	217	Span 21, Floorbeam 0, North Cantilever Bracket	69
10	276	Span 23, Floorbeam 0	64
11	386	Span 10, Floorbeam 5, South Cantilever Bracket	65-66
11	304	Span 13, Floorbeam 11, North Cantilever Bracket	65-66
11	315	Span 14, Floorbeam 1', South Cantilever Bracket	65-66
11	9	Span 15, Floorbeam 12', South Cantilever Bracket	65-66
11	178	Span 16, Floorbeam 7, South Cantilever Bracket	65-66
12	408	Span 13, Stringer 4, Panel 14	72
12	409	Span 13, Stringer 4, Panel 13	72
12	410	Span 13, Stringer 4, Panel 11	72
12	442	Span 14, Stringer 4, Panel 4	73
12	411	Span 14, Stringer 1, Panel 4'	71
12	361	Span 14, Stringer 4A, Panel 7'	71
12	320	Span 15, Stringer 4, Panel 10'	72
12	321	Span 15, Stringer 4, Panel 11'	72
12	365	Span 15, Stringer 4, Panel 12'	72
12	366	Span 15, Stringer 4, Panel 13'	72
12	323	Span 15, Stringer 4, Panel 14'	73
12	324	Span 15, Stringer 4, Panel 15'	73
13	332	Span 19, Stringer 1, Panel 2	71
14	416	Span 20, South Upper Bearing at Pier 19	77 & 79
14	471	Span 20, South Lower Bearing at Pier 19	77 & 80
14	214	Span 20, North Upper Bearing at Pier 19	77 & 79
14	-	Span 20, North Lower Bearing at Pier 19	77 & 80
14	-	Span 20, End Frame at Pier 19	77 & 78
15	284	Pier 3	100
15	421	Pier 4	100
15	343	Pier 5	101
15	-	Pier 6	101
15	422	Pier 7	102
15	437	Pier 13	102
15	10	Pier 15	103
15	456	Pier 16	103
15	373	Pier 19	104
15	283	East Abutment	104
16	-	Pier 8	105-107
16	-	Pier 9	105-107
17	-	Pier 15, Foundation	108
18	54	Span 8, Drain Pipe at North end of Pier 7	110
18	438	Span 14, Drain Pipe at U6N	110
18	236	Span 15, Drain Pipe near U8'S	110
18	400	Span 17, Drain Pipe Support near L6N	110
18	376	Span 24, Drain Pipe, South Girder btwn. Flbm. 0 and Flbm. 1	110
18	338	Span 27, Drain Pipe, South Girder at Flbm. 4	110
18	218	Span 31, Drain Pipe Support near East End	110
18	479	Span 34, Drain Pipe at Flbm. 2	110
18	19	Span 34, Drain Pipe near West Abutment	110
19	-	Span 9, Drainage System	109
20	-	Pier 13, Navigation Light	111
20	444	Span 14, Navigation Light at LO	111
20	447	Pier 14, Navigation Light	111
21	-	East Approach Slab	99
22	390	Span 11, Floorbeam 5, South Cantilever Bracket	70
23	413	Span 15, U15'S, Outside Gusset Plate	47
24	396	Span 14, Light Pole, North Side	111A

Repair I.D. No.	06/08/2015 NBIS Inspection Deficiency Item No.	Location	Sheet No. of 112	
	Parapet Sealing	-	All Spans, North & South Parapets	18
	Substructure Sealing	-	All Abutments and Piers	100
	Clear Trees/Brush	341	Span 1-2, under bridge	14
	Miscellaneous Steel Repairs	344	Pier 6, Beam 1	76
	Miscellaneous Steel Repairs	345	Span 8, Stringer 7	76
	Miscellaneous Steel Repairs	56	Span 8, South Girder	76
	Miscellaneous Steel Repairs	424	Span 9, South Girder	76
	Miscellaneous Steel Repairs	425	Span 9, Stringer 5	76
	Miscellaneous Steel Repairs	390	Span 11, Floorbeam 5	76
	Miscellaneous Steel Repairs	298	Span 12, Stringer 6	76
	Miscellaneous Steel Repairs	435	Span 13-14, Floorbeam 7	76
	Miscellaneous Steel Repairs	436	Span 13-14, LTS-U7S at LTS	76
	Miscellaneous Steel Repairs	307	Span 13-14, Floorbeam 7	76
	Miscellaneous Steel Repairs	398	Span 14, Gusset Plate at L6N	76
	Miscellaneous Steel Repairs	308	Span 14, Stringer 3	76
	Miscellaneous Steel Repairs	309	Span 14, Stringer 4	76
	Miscellaneous Steel Repairs	310	Span 14, U4N-U5N at U5N	76
	Miscellaneous Steel Repairs	440	Span 14, U4S-U5S at U5S	76
	Miscellaneous Steel Repairs	311	Span 14, Stringers 4 and 5	76
	Miscellaneous Steel Repairs	362	Span 15, Stringer 4A	76
	Miscellaneous Steel Repairs	319	Span 14-15, Floorbeam 7'	76
	Miscellaneous Steel Repairs	446	Span 14-15, East End of Platform	76
	Miscellaneous Steel Repairs	327	Span 16, U6N-U7S at Stringers 3 and 5	76
	Miscellaneous Steel Repairs	46	Span 17, LOS-LON at LON	76
	Miscellaneous Steel Repairs	459	Span 17, U0N-U1S at U0N	76
	Miscellaneous Steel Repairs	460	Span 17, LOS-L1S at L1S	76
	Miscellaneous Steel Repairs	460	Span 17, L1S-L2S at L1S	76
	Miscellaneous Steel Repairs	465	Span 18, L7N-L8N at L7N	76
	Miscellaneous Steel Repairs	375	Span 21, North Girder	76
	Miscellaneous Steel Repairs	33	Span 21, Stringer 6	76
	Miscellaneous Steel Repairs	273	Span 21, Stringer 2	76
	Miscellaneous Steel Repairs	472	Span 22, South Girder	76
	Miscellaneous Steel Repairs	417	Span 22, South Girder	76
	Miscellaneous Steel Repairs	473	Span 22, Floorbeam 5	76
	Miscellaneous Steel Repairs	474	Span 22, Stringers 2, 3, 4, 5 and 6	76
	Miscellaneous Steel Repairs	336	Span 23, Stringers 3 and 4	76
	Miscellaneous Steel Repairs	477	Span 30, Stringer 2	76
	Miscellaneous Steel Repairs	478	Span 34, Floorbeams 1, 2 and 3	76
	Miscellaneous Steel Repairs	480	Span 34, North Girder	76
	Miscellaneous Steel Repairs	481	Span 34, South Girder	76
	Structural Painting	1	Span 32-33	81
	Structural Painting	1	West Abutment, Piers 2, 4, 5, and 7	82
	Structural Painting	1	Piers 7-12, Midspan 14, 15-20, 22, 24, 26, 27, 29, 31, 33 & East Abut.	83
	Structural Painting	1	Span 10-19, Select Lower Truss Joints	84-85

Note:
See Sheets 8 thru 13 of 112 for repair identification numbers.



USER NAME =	DESIGNED - JTH	REVISED
	CHECKED - RLM	REVISED
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PLOT DATE = 10/05/2015	CHECKED - RLM	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

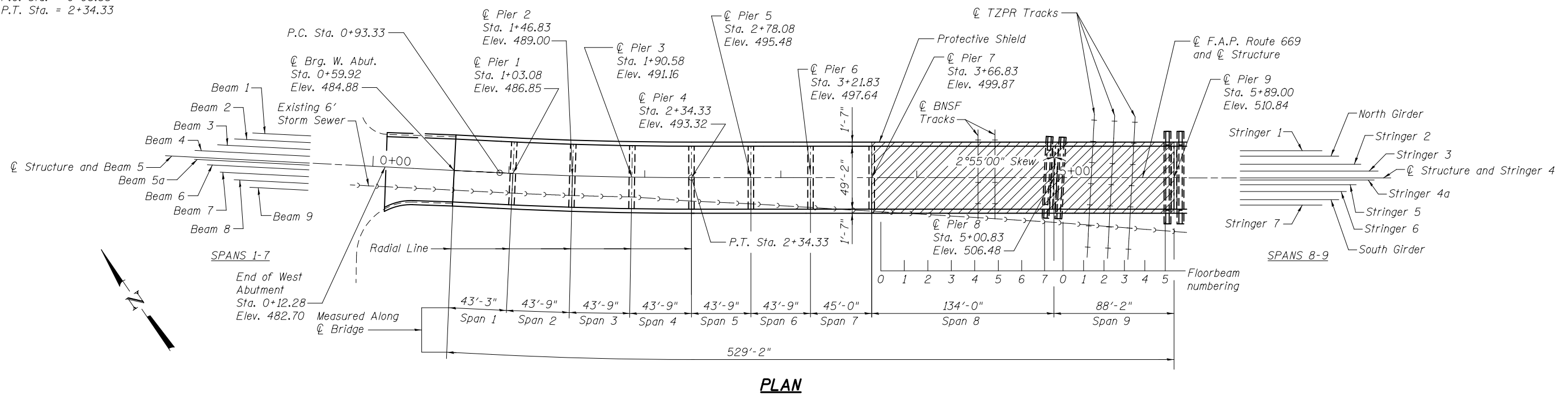
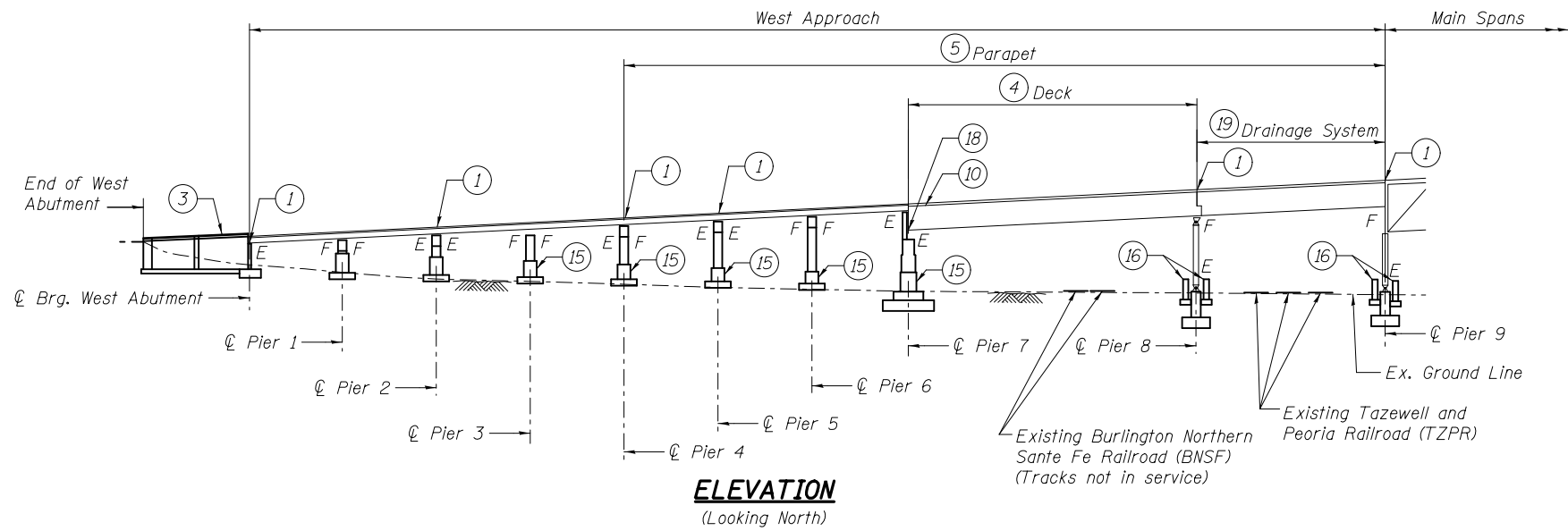
**2015 NBIS REFERENCE TABLE - 2
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER**

SHEET NO. 7 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	PEORIA/TAZEWELL	180	75
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

CURVE DATA

P.I. Sta. = 1+63.85
 $\Delta = 2^{\circ}55'00''$ (LT)
 $D = 2^{\circ}04'06''$
 $R = 2770.06'$
 $T = 70.52'$
 $L = 141.01'$
 $E = 0.90'$
 P.C. Sta. = 0+93.33
 P.T. Sta. = 2+34.33



WEST APPROACH REPAIR SCHEDULE

ID. NO.	Item	Location	Action
-	Parapet	Entire Structure including Vaulted West Abutment	Seal concrete parapet with acrylic coating
-	Bearing Seat/Pier Cap	All Substructure Units	Seal concrete substructure bearing seat/cap
-	Miscellaneous Steel Repairs	Various Steel Members	Replace loose or missing fasteners, grind out cracked tack welds
-	Structural Painting	Steel Members below Expansion Joints	Clean and paint existing structural steel within defined limits
1	Expansion Joint	West Abutment, Pier 2, Pier 4, Pier 5, Pier 8 and Pier 9	Replace preformed joint sealer or neoprene joints with strip seals
3	Vaulted Abutment	West Abutment	Replace top slab of vaulted abutment
4	Deck	Span 8	Perform partial-depth concrete repair
5	Parapet	Span 5 to Span 9	Replace sections of parapet
10	Floorbeam/Cantilever Floorbeam Bracket	Span 8, Floorbeam 0	Install repair plates and angles
15	Substructure	Pier 3, Pier 4, Pier 5, Pier 6 and Pier 7	Perform formed concrete repairs and epoxy crack injection
16	Steel Bent	Pier 8 and Pier 9	Install crashwall along both sides of steel bent
18	Drainage System	Pier 7	Repair damaged drainage system
19	Drainage System	Span 9	Install closed drainage system for existing downspouts

BILL OF MATERIAL

Item	Unit	Total
Protective Shield	Sq. Yd.	1,292

Note:
 For 2015 NBIS defect item numbers and sheet reference, see Sheets 6 and 7 of 112.



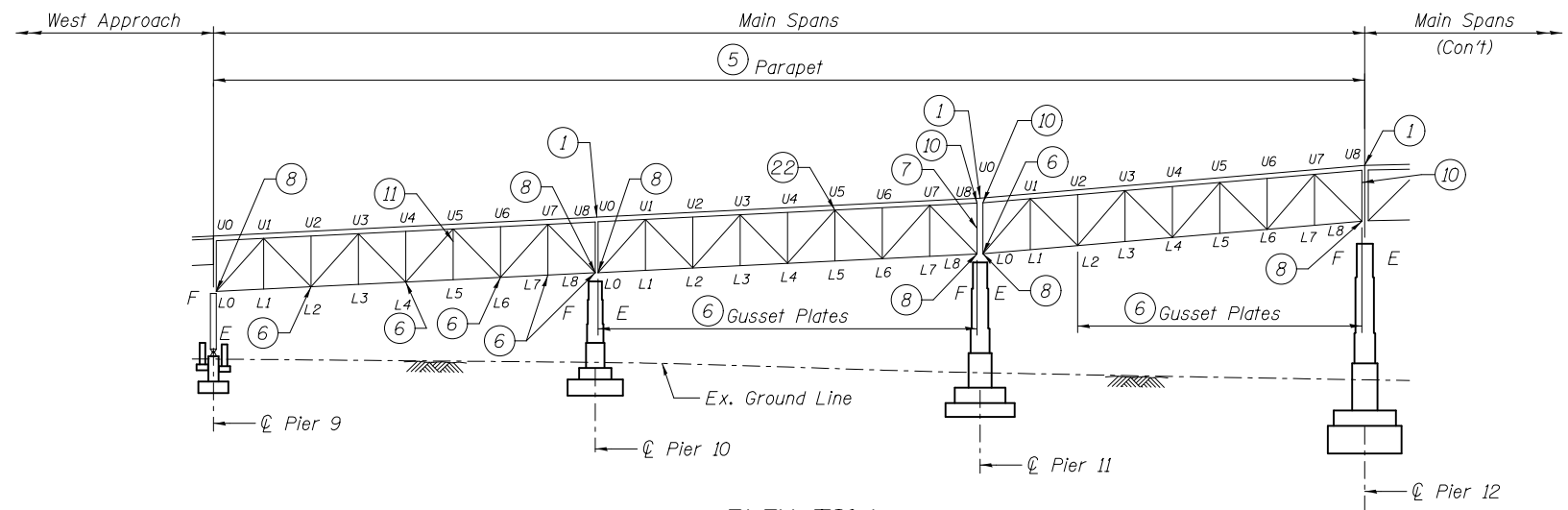
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PLOT DATE = 10/05/2015	CHECKED - RLM	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

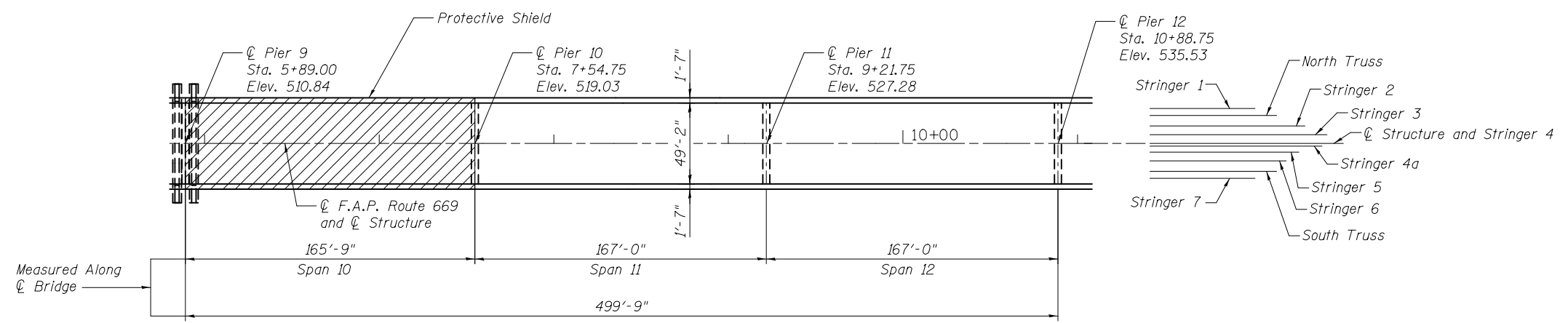
GENERAL PLAN AND ELEVATION - WEST APPROACH
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 8 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	PEORIA/TAZEWELL	180	76
			CONTRACT NO. 68A93	
ILLINOIS FED. AID PROJECT				



ELEVATION
(Looking North)



PLAN

MAIN SPAN REPAIR SCHEDULE 1

ID. NO.	Item	Location	Action
-	Parapet	Entire Structure	Seal concrete parapet with acrylic coating
-	Bearing Seat/Pier Cap	All Substructure Units	Seal concrete substructure bearing seat/cap
-	Miscellaneous Steel Repairs	Various Steel Members	Replace loose or missing fasteners, grind out cracked tack welds
-	Structural Painting	Steel Members below expansion joints and select gusset plates	Clean and paint existing structural steel within defined limits
1	Expansion Joint	Pier 10, Pier 11 and Pier 12	Replace preformed joint sealer or neoprene joints with strip seals, perform partial-depth concrete repair
5	Parapet	Span 10 to Span 12	Replace sections of parapet
6	Gusset Plates	Span 10: L2N, L2S, L4S, L4N, L6S, L7S, L8N, L8S Span 11: L0N, L0S, L1S, L2N, L2S, L3N, L3S, L4N, L4S, L5N, L6N, L6S, L7S, L8S Span 12: L0S, L2N, L2S, L3S, L4N, L4S, L5S, L6N, L6S, L7N, L7S, L8S	Install repair plates and angles
7	Primary Truss Member	Span 11, L8S-U8S	Install repair plates and angles
8	Primary Truss Member	Span 10, LOS-L1S @ LOS; Span 10, L7S-L8S @ L8S; Span 11, LOS-L1S @ LOS; Span 11, L0N-L1N @ L0N; Span 11, L7N-L8N @ L8N; Span 12, LOS-L1S @ LOS; Span 12, L7N-L8N @ L8N; Span 12, L0N-L1N @ L0N	Remove and replace lower chord stay plate
10	Floorbeam/Cantilever Floorbeam Bracket	Span 11, Floorbeam 8; Span 12, Floorbeam 0 and Floorbeam 8	Install repair plates and angles
11	Cantilever Floorbeam Bracket	Span 10, Floorbeam 5	Grind out gouge or tear in top flange of cantilever floorbeam bracket, cope stringer web, install repair plates and angles
22	Floorbeam	Span 11, Floorbeam 5	Drill crack tip and install repair plates

BILL OF MATERIAL

Item	Unit	Total
Protective Shield	Sq. Yd.	964

Notes:
Floorbeam numbering coincides with truss joint numbering shown.
For 2015 NBIS defect item numbers and sheet reference, see Sheets 6 and 7 of 112.



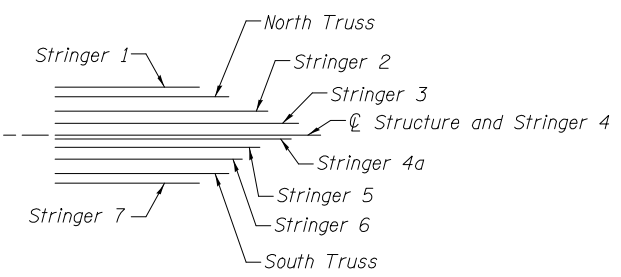
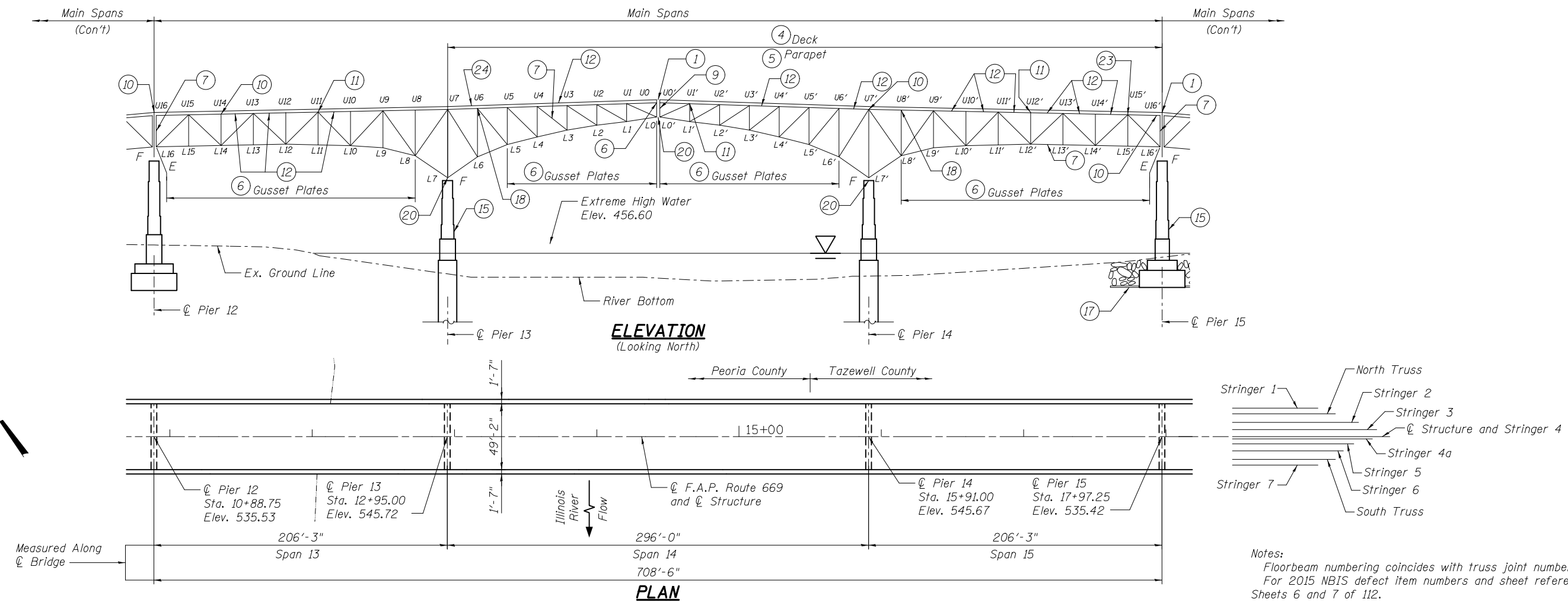
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PLOT DATE = 10/05/2015	CHECKED - RLM	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION - MAIN SPAN REPAIRS 1
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 9 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	PEORIA/TAZEWELL	180	77
CONTRACT NO. 68A93			ILLINOIS FED. AID PROJECT	



Notes:
 Floorbeam numbering coincides with truss joint numbering shown.
 For 2015 NBIS defect item numbers and sheet reference, see
 Sheets 6 and 7 of 112.

MAIN SPAN REPAIR SCHEDULE 2

ID. NO.	Item	Location	Action
-	Parapet	Entire Structure	Seal concrete parapet with acrylic coating
-	Bearing Seat/Pier Cap	All Substructure Units	Seal concrete substructure bearing seat/cap
-	Miscellaneous Steel Repairs	Various Steel Members	Replace loose or missing fasteners, grind out cracked tack welds
-	Structural Painting	Steel Members below expansion joints and select gusset plates	Clean and paint existing structural steel within defined limits
1	Expansion Joint	Midspan 14, Pier 15	Replace preformed joint sealer or neoprene joints with strip seals, perform partial-depth concrete repair
4	Deck	Span 14 and Span 15	Perform partial-depth concrete repair
5	Parapet	Span 14 and Span 15	Replace sections of parapet
6	Gusset Plates	Span 13: L16N, L16S, L15N, L15S, L14N, L14S, L13N, L13S, L12N, L12S, L11N, L11S, L10N, L10S, L9N, L9S, L8N Span 14: L5N, L4N, L3N, L3S, L2N, L1N, L1S, L0N, L0S, U0S, L0'N, L0'S, L1'N, L1'S, L2'N, L2'S, L3'N, L3'S, L4'N, L4'S, L5'N, L5'S, L6'N Span 15: L8'S, L9'N, L9'S, L10'N, L11'S, L12'N, L12'S, L13'N, L13'S, L14'N, L14'S, L15'N, L15'S, L16'N, L16'S	Install repair plates and angles
7	Primary Truss Member	Span 13, L16N-U16N; Span 14, L3S-U4S; Span 15, L12'N-L13'N; Span 15, L16'N-U16'N; Span 15, L16'S-U16'S	Install repair plates and angles
9	Pin and Link Assembly	Midspan 14: North Truss, South Truss	Replace pin and link assemblies
10	Floorbeam/Cantilever Floorbeam Bracket	Span 13, Floorbeam 16; Span 13, Floorbeam 14; Span 15, Floorbeam 16; Span 14-15, Floorbeam 7'	Install repair plates and angles
11	Cantilever Floorbeam Bracket	Span 13, Floorbeam 11; Span 14, Floorbeam 1; Span 15, Floorbeam 12'	Grind out gouge or tear in top flange of cantilever floorbeam bracket, cope stringer web, install repair plates and angles
12	Stringer	Span 13: Stringer 4, Panel 11; Stringer 4, Panel 13; Stringer 4, Panel 14 Span 14: Stringer 1, Panel 4; Stringer 4a, Panel 7; Stringer 4, Panel 4 Span 15: Stringer 4, Panel 10; Stringer 4, Panel 11; Stringer 4, Panel 12; Stringer 4, Panel 13; Stringer 4, Panel 14; Stringer 4, Panel 15'	Install repair plates and bent plates
15	Substructure	Pier 13 and Pier 15	Perform formed concrete repairs
17	Pier	Pier 15	Install filter mattress and riprap
18	Drainage System	Span 14 and Span 15	Repair damaged drainage system
20	Navigation Light	Pier 13, Midspan 14 and Pier 14	Replace navigation light and retro-reflective panel
23	Gusset Plate	Span 15, U15'S	Clean area along delamination and install bolts along edge of plate
24	Light Pole	Span 14, North side near Pier 13	Replace light pole



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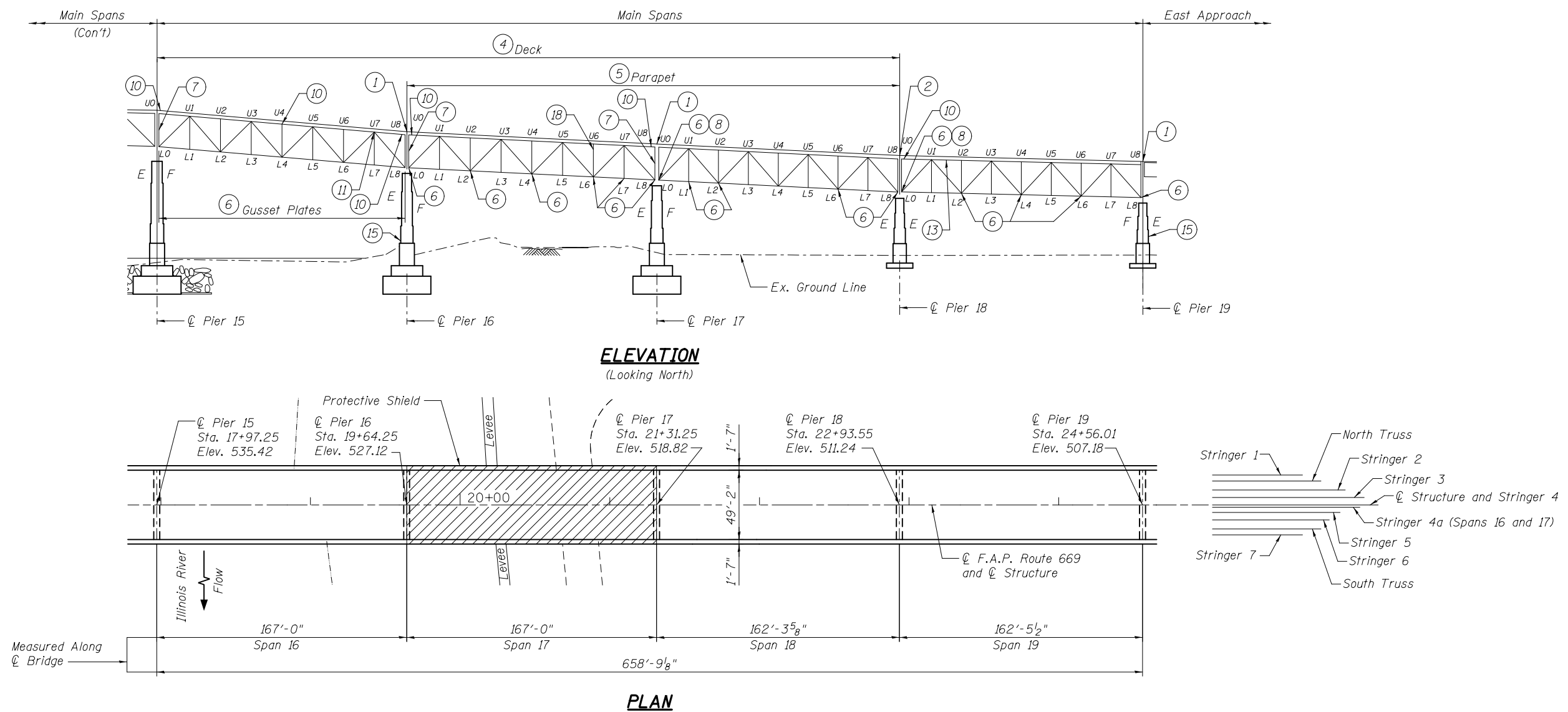
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN AND ELEVATION - MAIN SPAN REPAIRS 2
 S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER**

SHEET NO. 10 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103BI)-7	PEORIA/TAZEWELL	180	78
CONTRACT NO. 68A93				

ILLINOIS FED. AID PROJECT



MAIN SPAN REPAIR SCHEDULE 3

ID. NO.	Item	Location	Action
-	Parapet	Entire Structure	Seal concrete parapet with acrylic coating
-	Bearing Seat/Pier Cap	All Substructure Units	Seal concrete substructure bearing seat/cap
-	Miscellaneous Steel Repairs	Various Steel Members	Replace loose or missing fasteners, grind out cracked tack welds
-	Structural Painting	Steel Members below expansion joints and select gusset plates	Clean and paint existing structural steel within defined limits
1	Expansion Joint	Pier 16, Pier 17 and Pier 19	Replace preformed joint sealer or neoprene joints with strip seals
2	Expansion Joint	Pier 18	Replace finger plate trough, perform partial-depth concrete repair
4	Deck	Span 16 to Span 18	Perform partial-depth concrete repair
5	Parapet	Span 17 and Span 18	Replace sections of parapet
6	Gusset Plates	Span 16: L0N, L1N, L2S, L3N, L3S, L4N, L4S, L5N, L6N, L6S, L7S, L8N, L8S Span 17: L0N, L0S, L2S, L4N, L4S, L6S, L7S, L8S; Span 18: L0N, L0S, L1N, L1S, L2N, L6N, L8N, L8S Span 19: L0N, L0S, L2N, L2S, L4N, L6N, L8N, L8S	Install repair plates and angles
7	Primary Truss Member	Span 16, L0N-U0N; Span 17, L0S-U0S; Span 17, L8S-U8S	Install repair plates and angles
8	Primary Truss Member	Span 18, L0S-L1S @ L0S; Span 19, L0S-L1S @ L0S	Remove and replace lower chord stay plate
10	Floorbeam/Cantilever Floorbeam Bracket	Span 16: Floorbeam 0, Floorbeam 4, Floorbeam 8; Span 17: Floorbeam 0, Floorbeam 8; Span 19: Floorbeam 0	Install repair plates and angles
11	Cantilever Floorbeam Bracket	Span 16, Floorbeam 7	Grind out gouge or tear in top flange of cantilever floorbeam bracket, cope stringer web, install repair plates and angles
13	Stringer	Span 19, Stringer 1, Panel 2	Drill crack tip
15	Substructure	Pier 16 and Pier 19	Perform formed concrete repairs
18	Drainage System	Span 17	Repair damaged drainage system

BILL OF MATERIAL

Item	Unit	Total
Protective Shield	Sq. Yd.	972

Notes:
 Floorbeam numbering coincides with truss joint numbering shown.
 For 2015 NBIS defect item numbers and sheet reference, see Sheets 6 and 7 of 112.



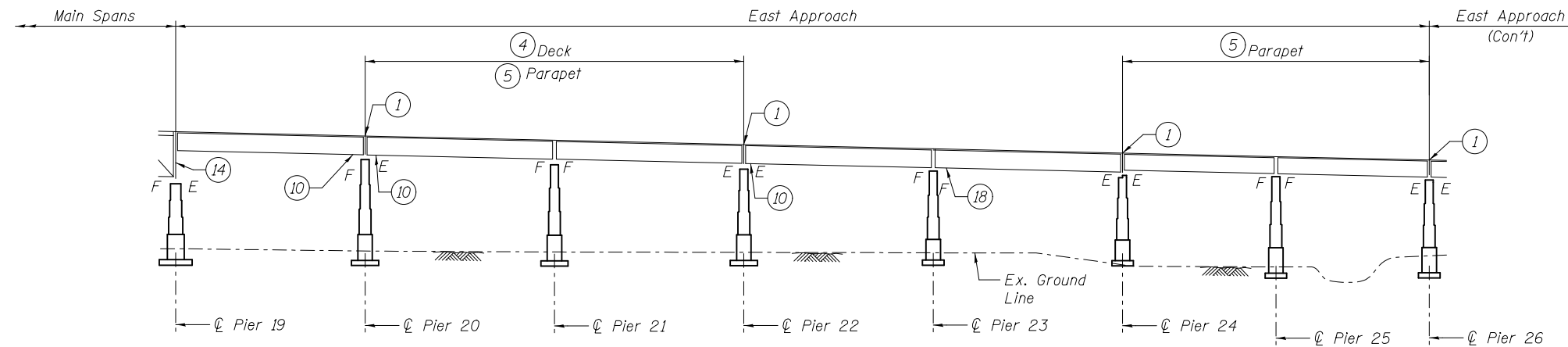
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

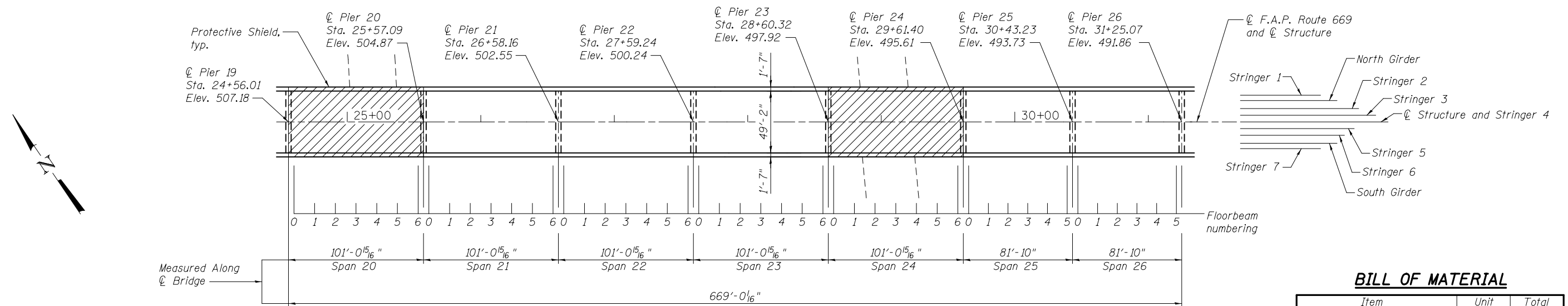
GENERAL PLAN AND ELEVATION - MAIN SPAN REPAIRS 3
 S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 11 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	PEORIA/TAZEWELL	180	79
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



ELEVATION
(Looking North)



PLAN

BILL OF MATERIAL

Item	Unit	Total
Protective Shield	Sq. Yd.	1,176

EAST APPROACH REPAIR SCHEDULE 1

ID. NO.	Item	Location	Action
-	Parapet	Entire Structure	Seal concrete parapet with acrylic coating
-	Bearing Seat/Pier Cap	All Substructure Units	Seal concrete substructure bearing seat/cap
-	Miscellaneous Steel Repairs	Various Steel Members	Replace loose or missing fasteners, grind out cracked tack welds
-	Structural Painting	Steel Members below Expansion Joints	Clean and paint existing structural steel within defined limits
1	Expansion Joint	Pier 20, Pier 22, Pier 24 and Pier 26	Replace preformed joint sealer or neoprene joints with strip seals, perform partial-depth concrete repair
4	Deck	Span 21 and Span 22	Perform partial-depth concrete repair
5	Parapet	Span 21, Span 22, Span 25 and Span 26	Replace sections of parapet
10	Floorbeam/Cantilever Floorbeam Bracket	Span 20, Floorbeam 6; Span 21, Floorbeam 0; Span 23, Floorbeam 0	Install repair plates and angles
14	Bearings and End Frame	Span 20, Pier 19	Replace existing upper and lower steel bearings and end frame
18	Drainage System	Span 24	Repair damaged drainage system

Note:
For 2015 NBIS defect item numbers and sheet reference, see Sheets 6 and 7 of 112.



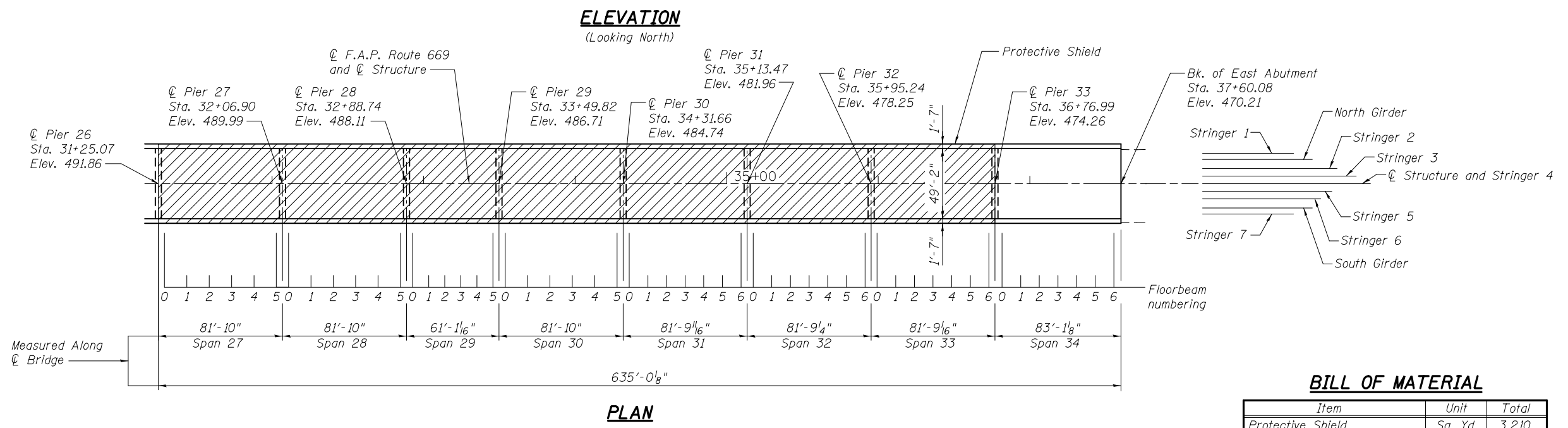
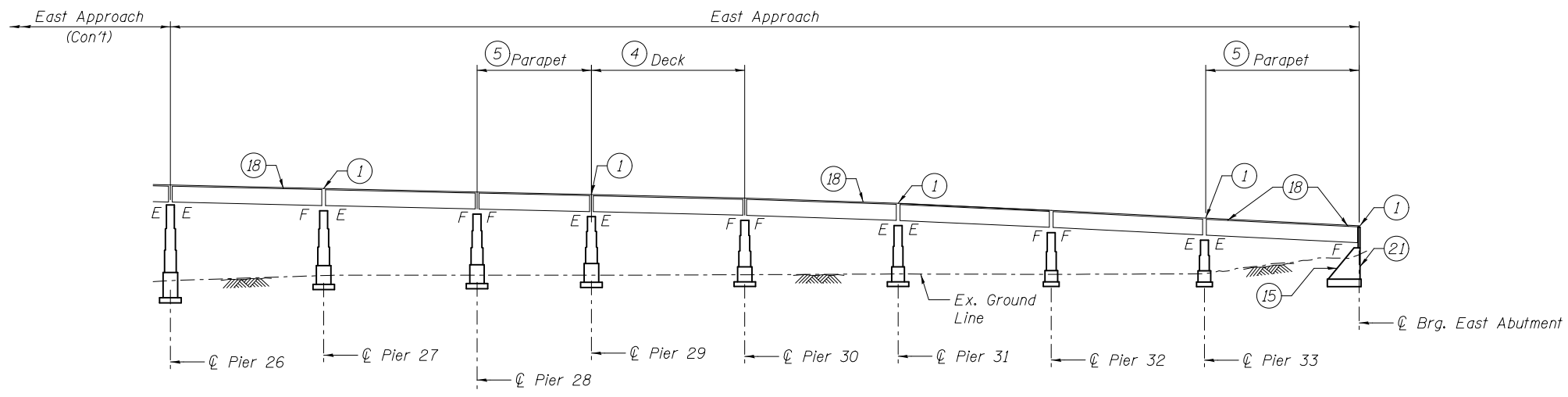
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION - EAST APPROACH REPAIRS 1
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 12 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	PEORIA/TAZEWELL	180	80
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIAL

Item	Unit	Total
Protective Shield	Sq. Yd.	3,210

EAST APPROACH REPAIR SCHEDULE 2

ID. NO.	Item	Location	Action
-	Parapet	Entire Structure including Parapets Replaced on the East Approach	Seal concrete parapet with acrylic coating
-	Bearing Seat/Pier Cap	All Substructure Units	Seal concrete substructure bearing seat/cap
-	Miscellaneous Steel Repairs	Various Steel Members	Replace loose or missing fasteners, grind out cracked tack welds
-	Structural Painting	Steel Members below Expansion Joints and Entire Floorsystem of Spans 32 and 33	Clean and paint existing structural steel within defined limits
1	Expansion Joint	Pier 27, Pier 29, Pier 31, Pier 33 and East Abutment	Replace preformed joint sealer or neoprene joints with strip seals, perform partial-depth concrete repair
4	Deck	Span 30	Perform partial-depth concrete repair
5	Parapet	Span 29 and Span 34	Replace sections of parapet
15	Substructure	East Abutment	Perform formed concrete repairs and epoxy crack injection
18	Drainage System	Span 27, Span 31 and Span 34	Repair damaged drainage system
21	Abutment Backfill	East Abutment	Fill voided area behind East Abutment

Note:
For 2015 NBIS defect item numbers and sheet reference, see Sheets 6 and 7 of 112.



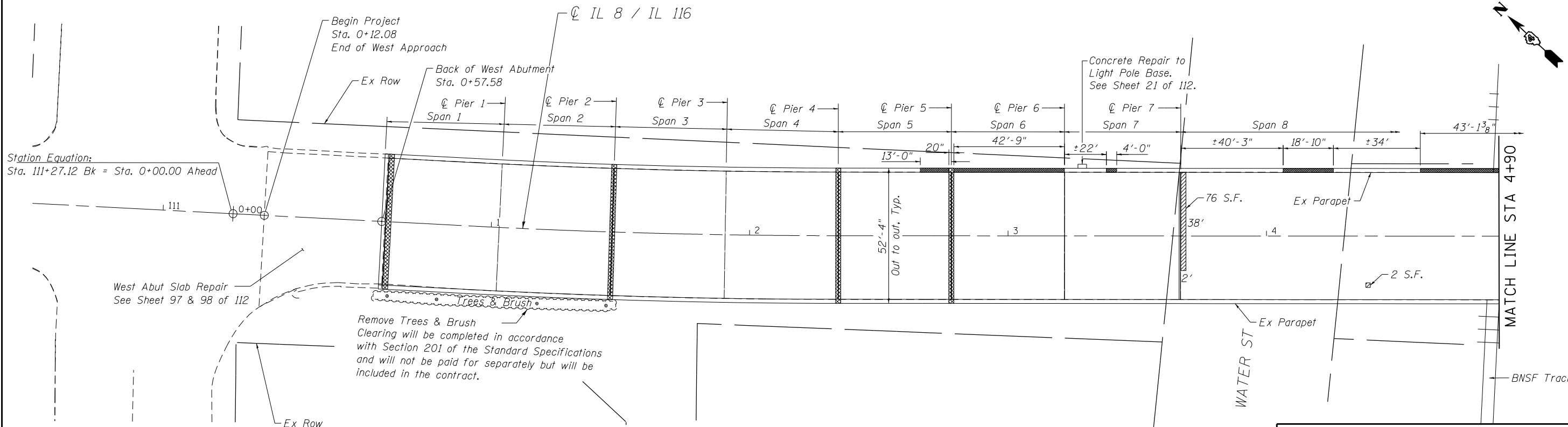
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION - EAST APPROACH REPAIRS 2
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 13 OF 112 SHEETS

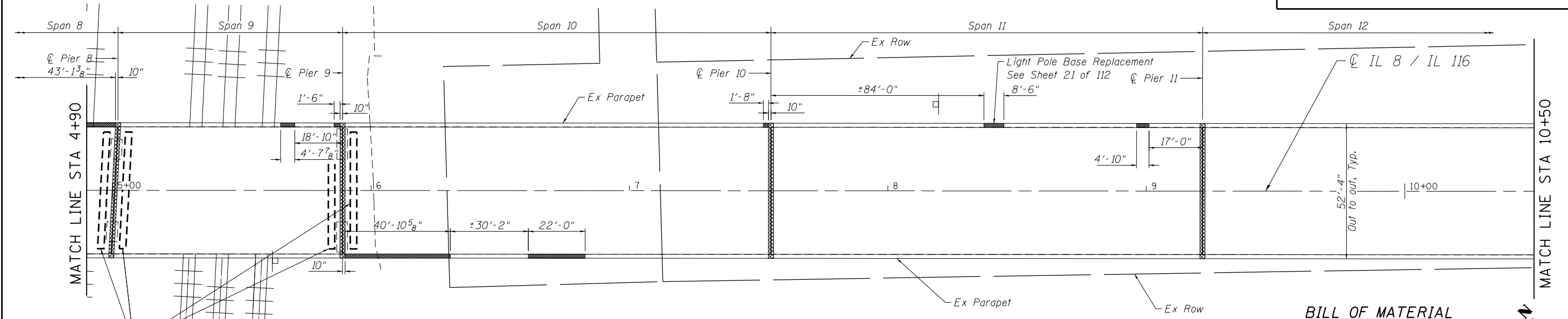
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669	(103B)I-7	PEORIA/TAZEWELL	180	81
CONTRACT NO. 68A93			ILLINOIS FED. AID PROJECT	



PLAN SPAN 1-8

LEGEND

- = Concrete Removal for Expansion Joint Replacement (See Sheet 86 & 90 of 112 for Details)
- = Concrete Removal for Parapet Replacement (See Sheet 18-22 of 112 for Details)
- = Deck Slab Repair (Partial)
- S.F. = Square Feet

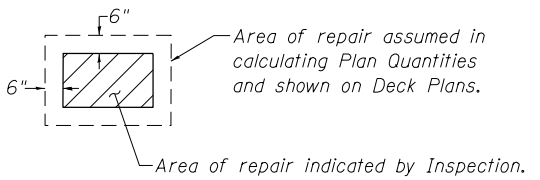


PLAN SPAN 8-12

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Protective Coat	SQ YD	9
Deck Slab Repair (Partial)	SQ YD	9

Notes:
 Repair of the existing deck slab shall include but may not be limited to the areas shown. The actual area to be repaired will be determined by the Engineer at the time of construction.
 Deck slab repairs shall be tined to produce grooves approximately 3/16" deep and spaced at 3/4". Cost included in DECK SLAB REPAIR (PARTIAL). PROTECTIVE COAT shall be applied to the top of all Deck Slab Repairs.



FILE NAME = S:\Projects\2015 JOBS\1511004-00 OEI PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0900030-68A93-082-BridgeRepair-01.dgn
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PLOT DATE = 10/05/2015	CHECKED - DRB	REVISION

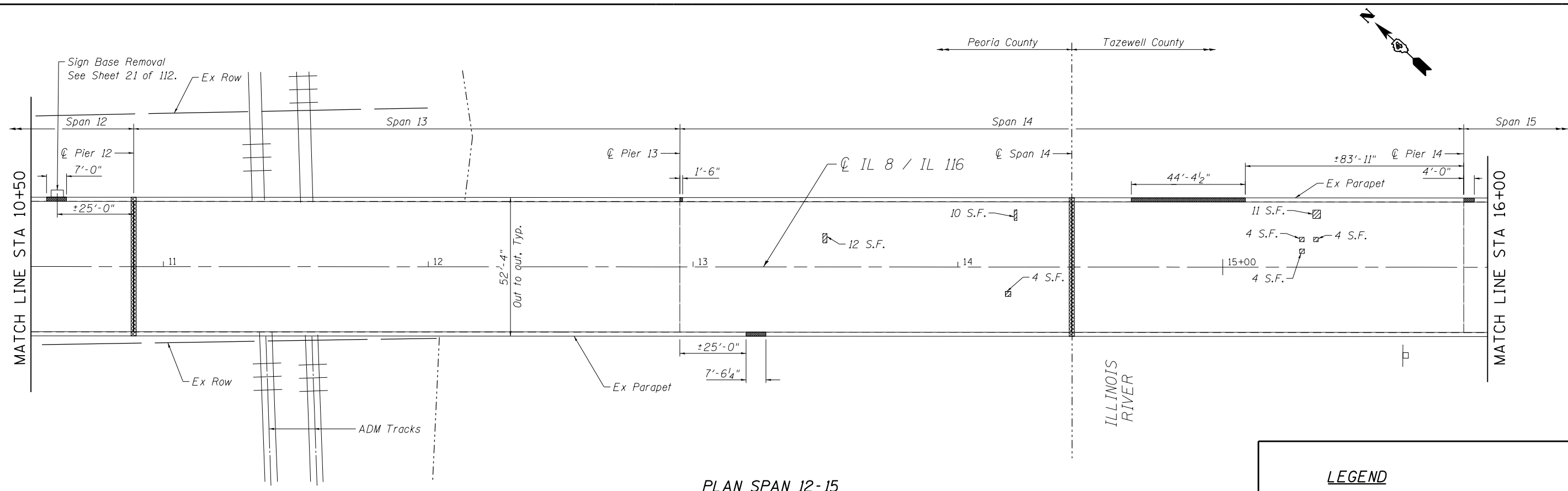
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CONCRETE DECK REPAIRS - 1
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 14 OF 112 SHEETS

F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 82
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) Peoria / Tazewell

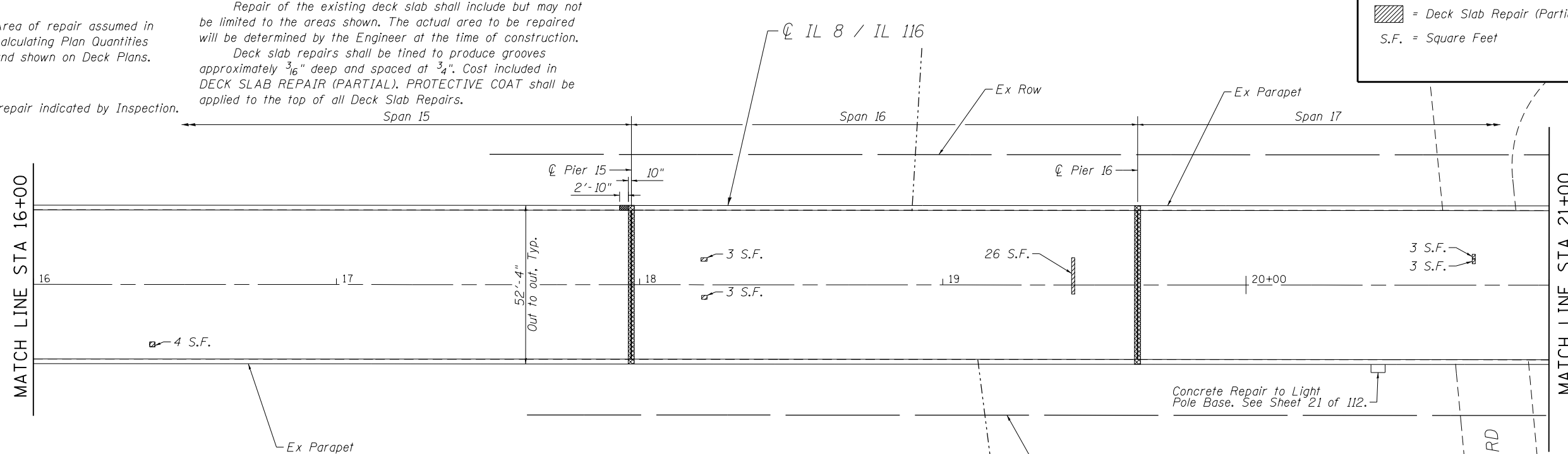
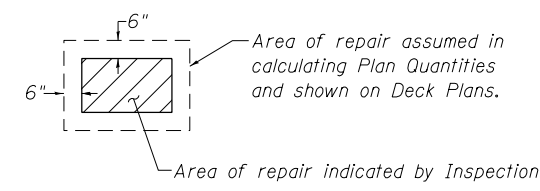


PLAN SPAN 12-15

LEGEND

- = Concrete Removal for Expansion Joint Replacement (See Sheet 88 & 90 of 112 for Details)
- = Concrete Removal for Parapet Replacement (See Sheet 18-22 of 112 for Details)
- = Deck Slab Repair (Partial)
- S.F. = Square Feet

Notes:
 Repair of the existing deck slab shall include but may not be limited to the areas shown. The actual area to be repaired will be determined by the Engineer at the time of construction.
 Deck slab repairs shall be tined to produce grooves approximately 3/16" deep and spaced at 3/4". Cost included in DECK SLAB REPAIR (PARTIAL). PROTECTIVE COAT shall be applied to the top of all Deck Slab Repairs.



PLAN SPAN 15-17

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Protective Coat	SQ YD	11
Deck Slab Repair (Partial)	SQ YD	11

FILE NAME = S:\Projects\2015 JOBS\1511L004-00 OEI PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0900030-68A93-083-BridgeRepair-02.dgn
 MODEL = Default
 PLOT DRIVER = IDDT_PDF.pltcf9



USER NAME = cstokes	DESIGNED - DRB	REVISED
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PLOT SCALE = 3/16" = 1' / in.	DRAWN - TRF	REVISED
PLOT DATE = 10/05/2015	CHECKED - DRB	REVISED

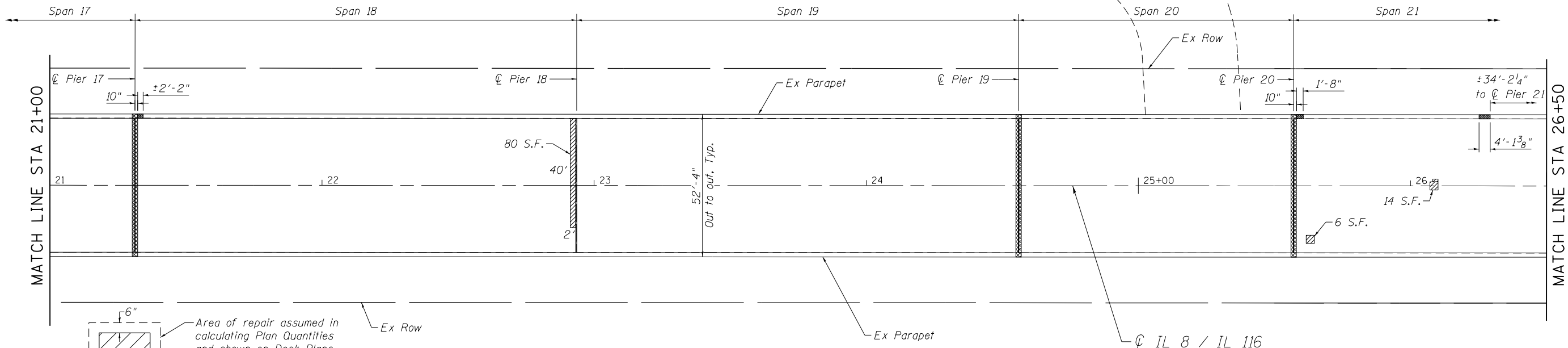
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONCRETE DECK REPAIRS - 2
 S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 15 OF 112 SHEETS

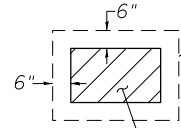
F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 83
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) Peoria / Tazewell



MATCH LINE STA 21+00

MATCH LINE STA 26+50



Area of repair assumed in calculating Plan Quantities and shown on Deck Plans.
 Area of repair indicated by Inspection.

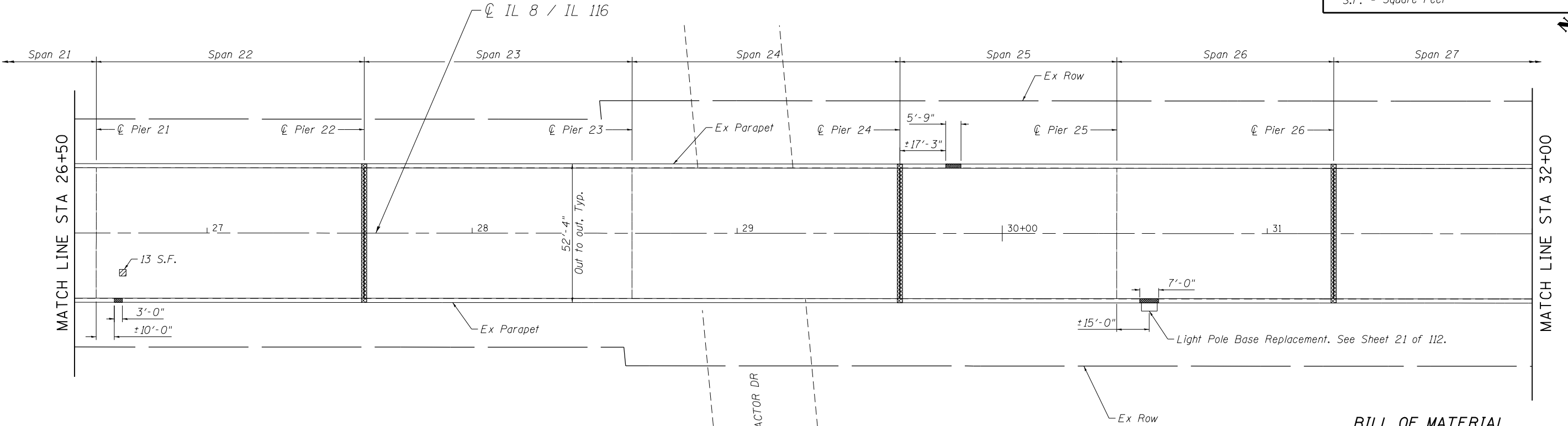
Notes:
 Repair of the existing deck slab shall include but may not be limited to the areas shown. The actual area to be repaired will be determined by the Engineer at the time of construction.
 Deck slab repairs shall be tined to produce grooves approximately 3/16" deep and spaced at 3/4". Cost included in DECK SLAB REPAIR (PARTIAL). PROTECTIVE COAT shall be applied to the top of all Deck Slab Repairs.

PLAN SPAN 17-21

LEGEND

- = Concrete Removal for Expansion Joint Replacement (See Sheet 90 of 112 for Details)
- = Concrete Removal for Parapet Replacement (See Sheet 18-22 of 112 for Details.)
- = Deck Slab Repair (Partial)

S.F. = Square Feet



MATCH LINE STA 26+50

MATCH LINE STA 32+00

PLAN SPAN 21-27

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Protective Coat	SQ YD	13
Deck Slab Repair (Partial)	SQ YD	13

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 MODEL = Default
 PLOT DRIVER = IDDT_PDF.plt



USER NAME = cstokes	DESIGNED - DRB	REVISED
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PLOT SCALE = 3/16" = 1' / in.	DRAWN - TRF	REVISED
PLOT DATE = 10/05/2015	CHECKED - DRB	REVISED

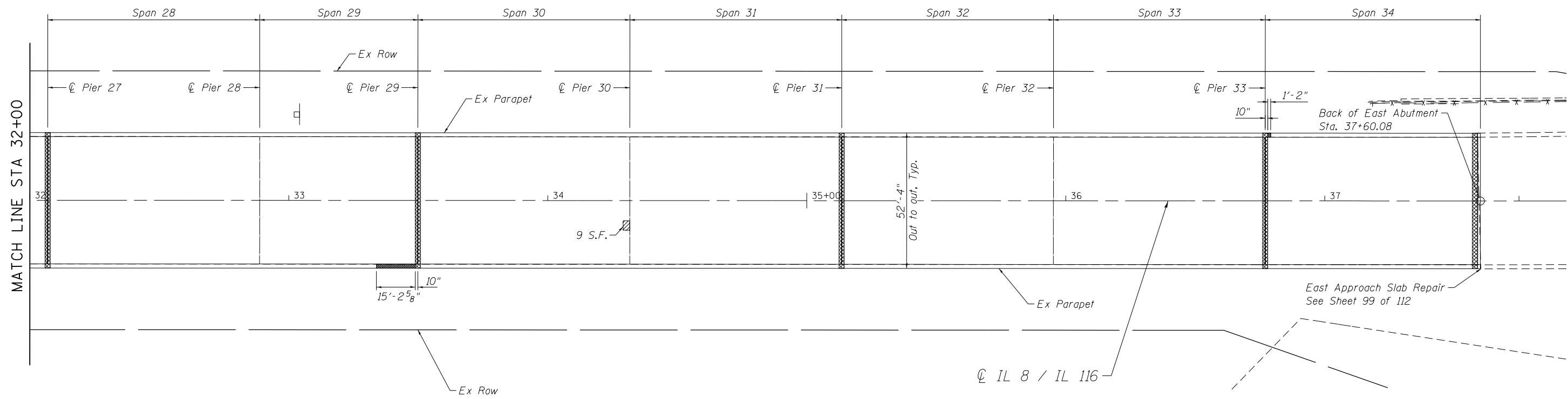
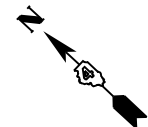
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONCRETE DECK REPAIRS - 3
 S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 16 OF 112 SHEETS

F.A.P. RTE. 669	SECTION (103BI)-7	COUNTY (+)	TOTAL SHEETS 180	SHEET NO. 84
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) Peoria / Tazewell

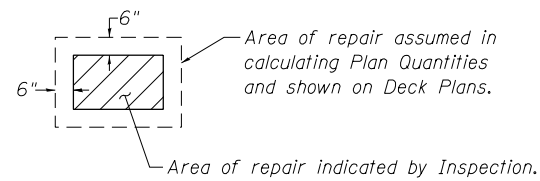


PLAN SPAN 27-34

LEGEND

- = Concrete Removal for Expansion Joint Replacement (See Sheet 90 of 112 for Details)
- = Concrete Removal for Parapet Replacement (See Sheet 18-22 of 112 for Details)
- = Deck Slab Repair (Partial)

S.F. = Square Feet



Notes:
 Repair of the existing deck slab shall include but may not be limited to the areas shown. The actual area to be repaired will be determined by the Engineer at the time of construction.
 Deck slab repairs shall be tined to produce grooves approximately $\frac{3}{16}$ " deep and spaced at $\frac{3}{4}$ ". Cost included in DECK SLAB REPAIR (PARTIAL). PROTECTIVE COAT shall be applied to the top of all Deck Slab Repairs.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Protective Coat	SQ YD	1
Deck Slab Repair (Partial)	SQ YD	1

(*) Peoria / Tazewell

FILE NAME = S:\Projects\2015\JOBS\1511L004-00 OEI\PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0900030-68A93-085-BridgeRepairs04.dgn
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 PLOT DRIVER = IDDT_PDF.plt



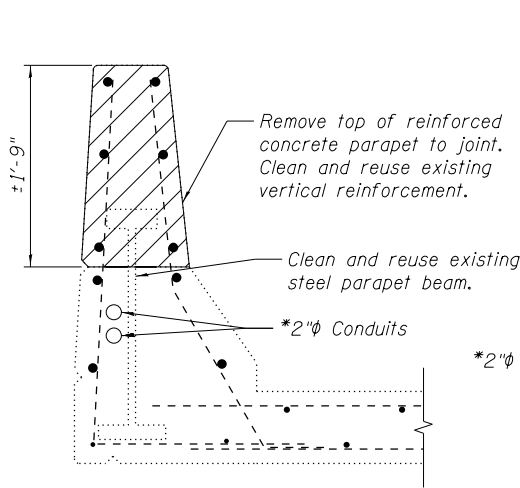
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PLOT DATE = 10/05/2015	CHECKED - DRB	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CONCRETE DECK REPAIRS - 4
 S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER**

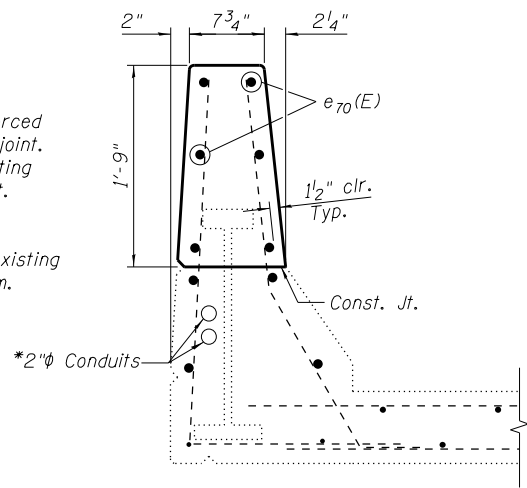
SHEET NO. 17 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	85
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



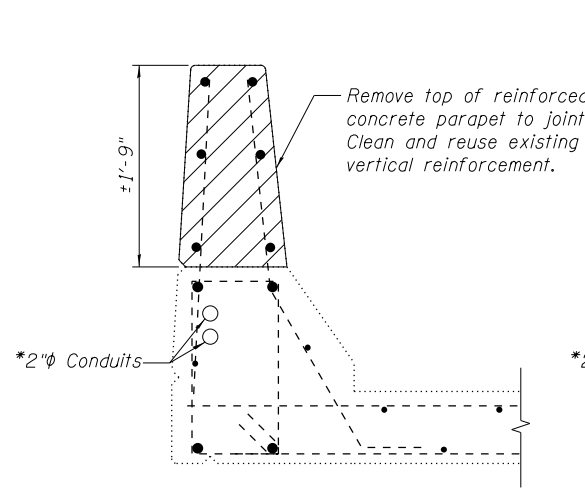
EXISTING PARAPET TOP REMOVAL

(Span 7)



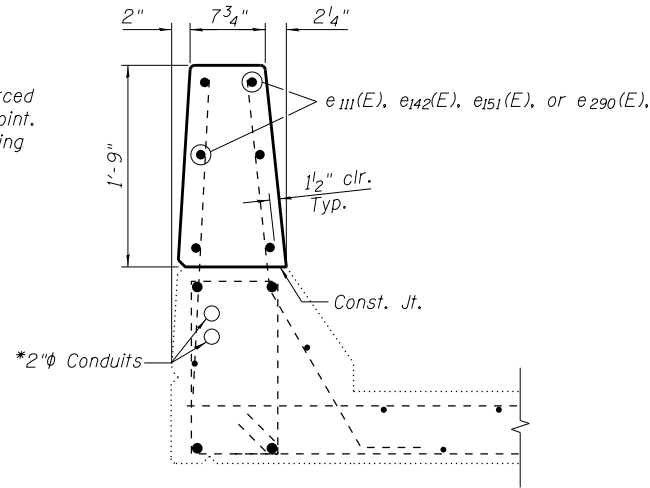
PARAPET TOP REPLACEMENT

(Span 7)



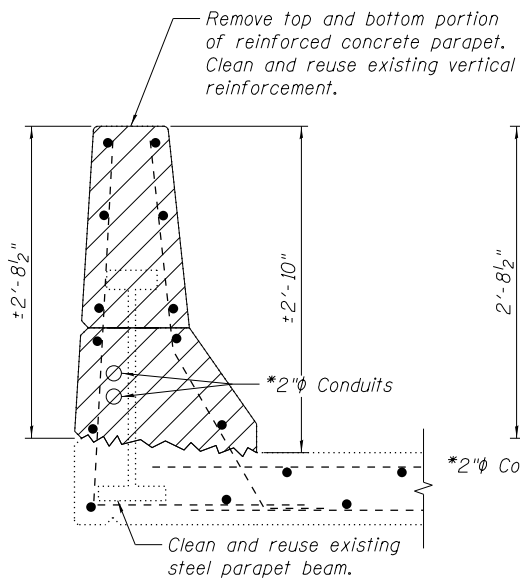
EXISTING PARAPET TOP REMOVAL

(Spans 11, 14, 15, & 29)



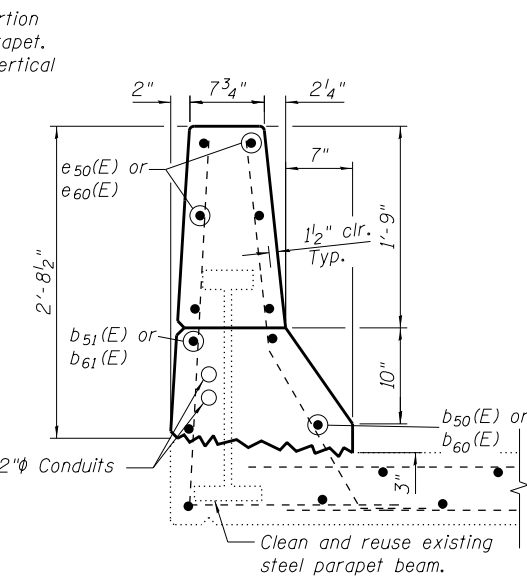
PARAPET TOP REPLACEMENT

(Spans 11, 14, 15, & 29)



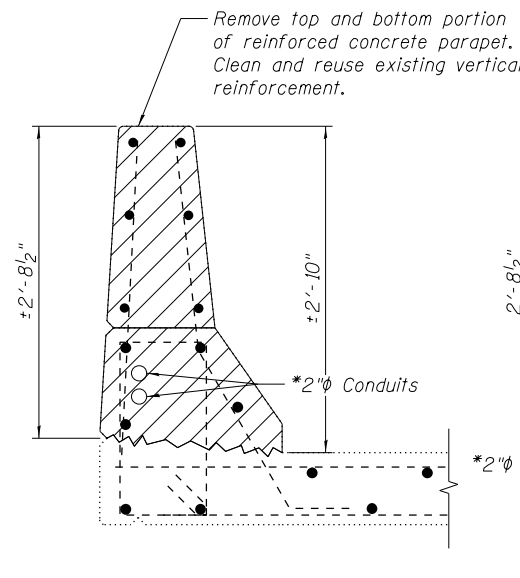
EXISTING PARAPET TOP AND BOTTOM REMOVAL

(Spans 5 & 6)



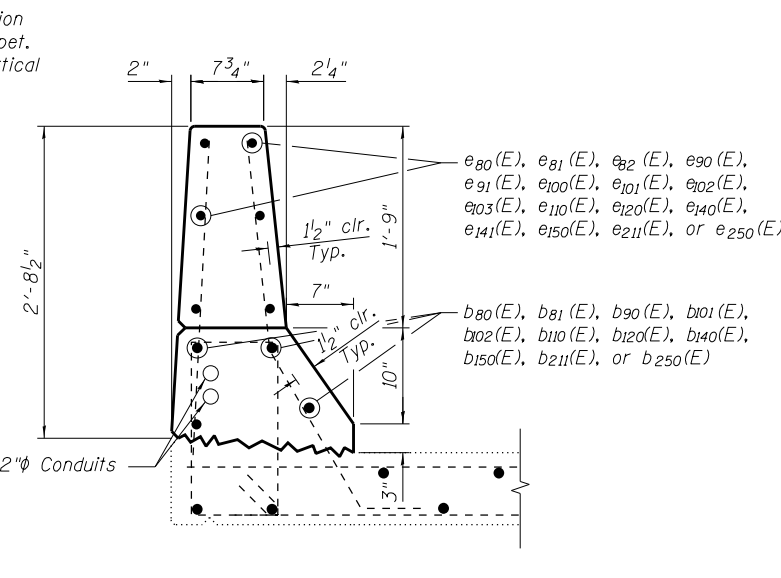
PARAPET TOP AND BOTTOM REPLACEMENT

(Spans 5 & 6)



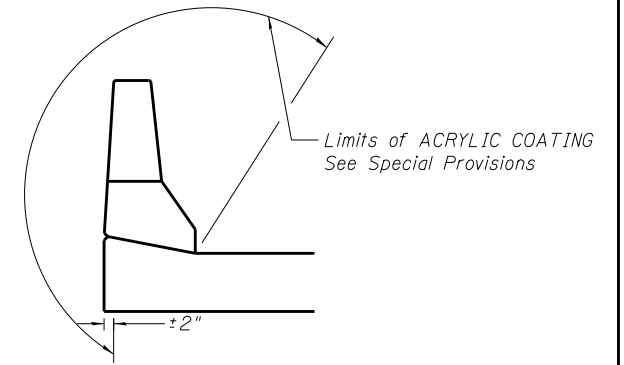
EXISTING PARAPET TOP AND BOTTOM REMOVAL

(Spans 8, 9, 10, 11, 12, 14, 15, 18, 21, 22, 25, 29, and 34)



PARAPET TOP AND BOTTOM REPLACEMENT

(Spans 8, 9, 10, 11, 12, 14, 15, 18, 21, 22, 25, 29, and 34)



BRIDGE PARAPET ACRYLIC COATING

Sta. 0+12.08 to Sta. 37+60.08, LT and RT

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
b50(E)	2	#5	12'-8"	---
b51(E)	2	#8	12'-8"	---
b60(E)	4	#5	23'-4"	---
b61(E)	4	#8	25'-1"	---
b80(E)	4	#9	18'-6"	---
b81(E)	8	#9	26'-2"	---
b90(E)	4	#9	4'-4"	---
b101(E)	8	#9	25'-0"	---
b102(E)	4	#9	21'-8"	---
b110(E)	4	#9	8'-3"	---
b120(E)	4	#9	6'-8"	---
b140(E)	8	#9	26'-4"	---
b150(E)	4	#9	3'-8"	---
b211(E)	4	#9	3'-10"	---
b250(E)	4	#9	5'-5"	---
b260(E)	4	#9	6'-8"	---
d110(E)	10	#6	8'-11"	---
e50(E)	6	#4	12'-8"	---
e60(E)	12	#4	23'-0"	---
e70(E)	6	#4	3'-8"	---
e80(E)	6	#4	18'-6"	---
e81(E)	6	#4	4'-1"	---
e82(E)	6	#4	20'-4"	---
e90(E)	6	#4	4'-4"	---
e91(E)	6	#4	2'-1"	---
e100(E)	6	#4	2'-3"	---
e101(E)	6	#4	20'-2"	---
e102(E)	6	#4	20'-10"	---
e103(E)	12	#4	10'-8"	---
e110(E)	6	#4	8'-3"	---
e111(E)	6	#4	4'-6"	---
e120(E)	6	#4	6'-8"	---
e140(E)	12	#4	20'-8"	---
e141(E)	6	#4	2'-2"	---
e142(E)	6	#4	7'-2"	---
e150(E)	6	#4	3'-8"	---
e151(E)	6	#4	3'-4"	---
e211(E)	6	#4	3'-10"	---
e250(E)	6	#4	5'-5"	---
e260(E)	6	#4	6'-8"	---
e290(E)	6	#4	15'-8"	---
ITEM	UNIT	TOTAL		
Concrete Removal	CU YD	32		
Concrete Superstructure	CU YD	31.2		
Reinforcement Bars, Epoxy Coated	POUND	4920		
Acrylic Coating	SQ YD	6108		
Structural Repair of Concrete (Depth Equal to or Less than 5")	SQ FT	10		

Minimum Bar Lap

- #4 bar - 2'-7"
- #5 bar - 3'-3"
- #7 bar - 5'-2"
- #8 bar - 6'-9"
- #9 bar - 8'-7"

= Concrete Removal

* Contractor shall protect all electrical conduit and cable attached to or embedded in structure. Electrical service shall remain operational throughout construction.

Notes:

1. Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with CONCRETE REMOVAL.
2. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included in CONCRETE REMOVAL.
3. Joints are numbered per span starting at the lower numbered pier and increasing to the east of the pier. Ex. Joint 3 is the third joint east of the pier.

Work this sheet with Sheets 19-22 of 112

(*) Peoria / Tazewell

FILE NAME : S:\Projects\2015 Jobs\1511004-00 OEI PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0900030-68A93-086-ParapetRepair.dgn
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PLOT DRIVER : IDDT_PDF.plt



USER NAME : cstokes
0900030-68A93-086-ParapetRepair.dgn
PLOT SCALE : 0:2.0000 '1' / in.
PLOT DATE : 10/05/2015

DESIGNED - CFS
CHECKED - DRB
DRAWN - CFS
CHECKED - DRB

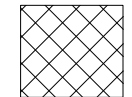
REVISED
REVISED
REVISED
REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

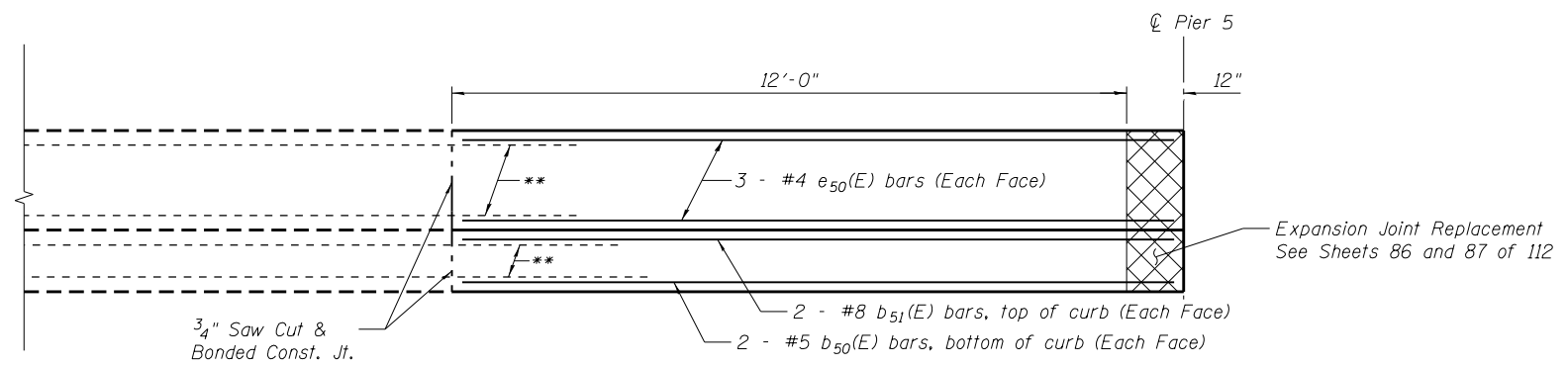
**PARAPET REPAIRS - 1
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER**

SHEET NO. 18 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	86
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



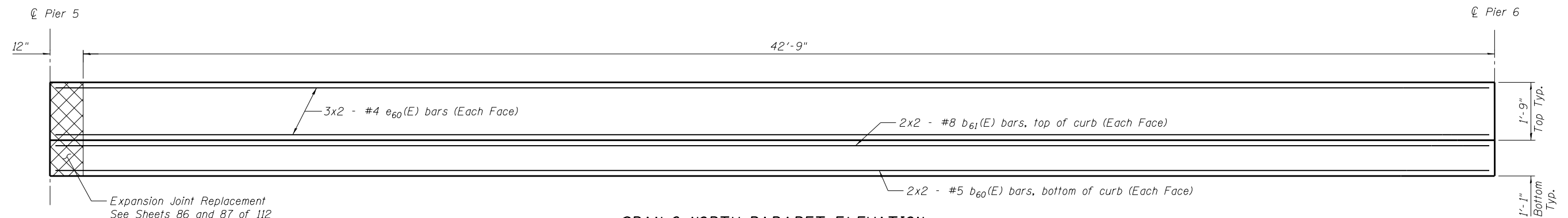
= Area to be removed & replaced during the repair of expansion joints



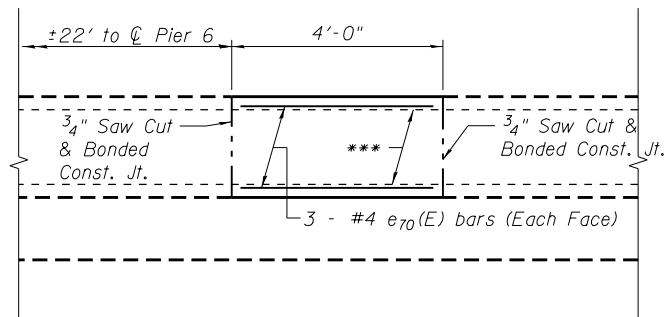
SPAN 5 NORTH PARAPET ELEVATION

** Cut off existing horizontal bars one lap length from saw cut. Clean & lap with new horizontal bars.

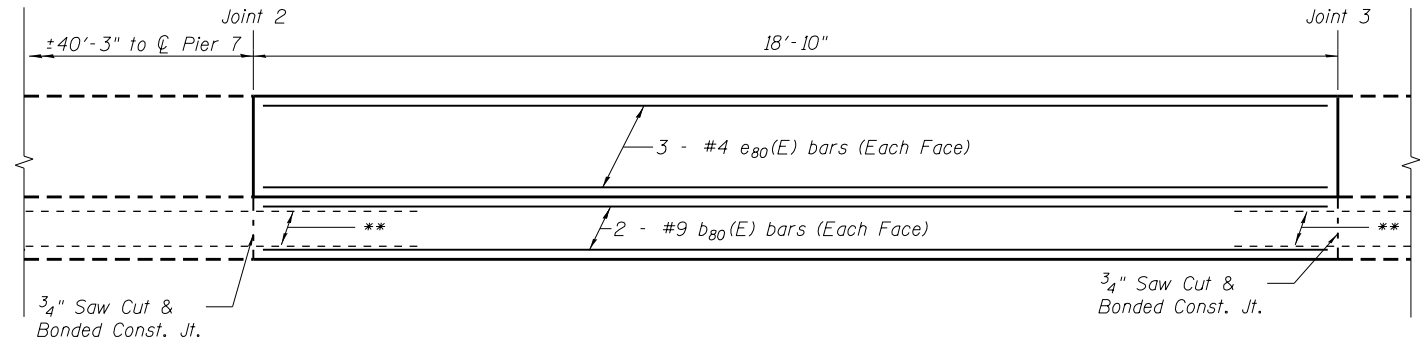
*** Clean & leave existing horizontal bars in place. Lap new Horizontal bars with existing bars.



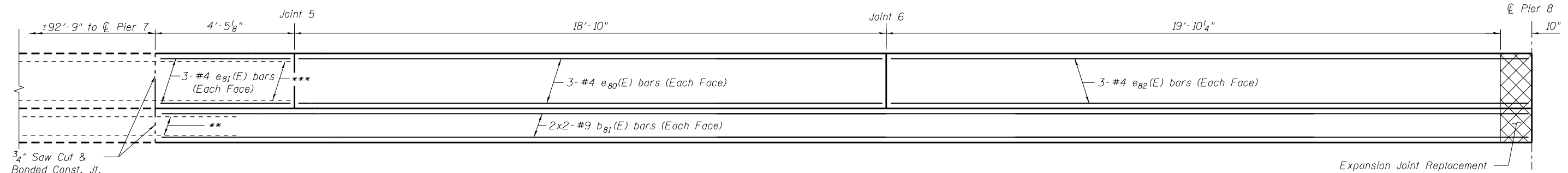
SPAN 6 NORTH PARAPET ELEVATION



SPAN 7 NORTH PARAPET ELEVATION



SPAN 8 NORTH PARAPET ELEVATION



SPAN 8 NORTH PARAPET ELEVATION

See Sheet 20 of 112 for Parapet Joint Details Work this sheet with Sheet 18 of 112

FILE NAME : S:\Projects\2015\JOBS\151L004-00 OEI\PTB 168-17 D4 Cedar St Bridge\CADD\CADD Sheets\0900030-68A93-087-ParapetRepair02.dgn
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 PLOT DRIVER : 151L004 PDF.plt



USER NAME : rgoertz
 0900030-68A93-087-ParapetRepair02.dgn
 PLOT SCALE : 0:2.0000 '1' / in.
 PLOT DATE : 10/05/2015

DESIGNED - CFS	REVISED
CHECKED - DRB	REVISED
DRAWN - CFS	REVISED
CHECKED - DRB	REVISED

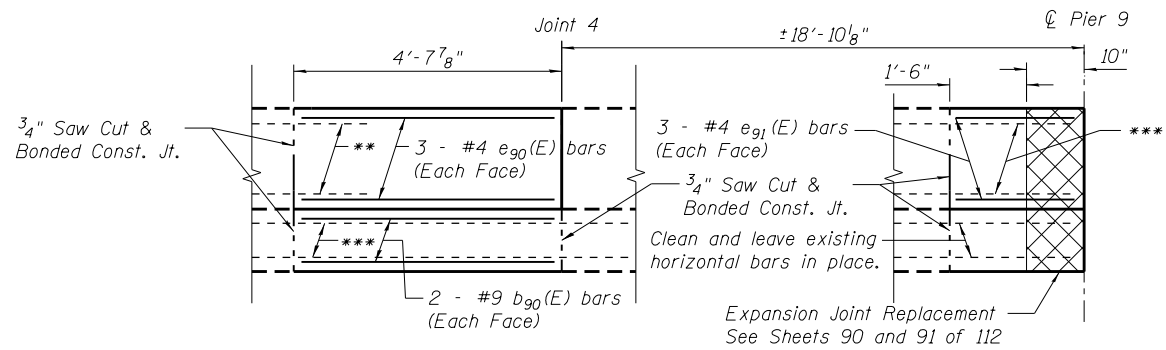
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PARAPET REPAIRS - 2
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

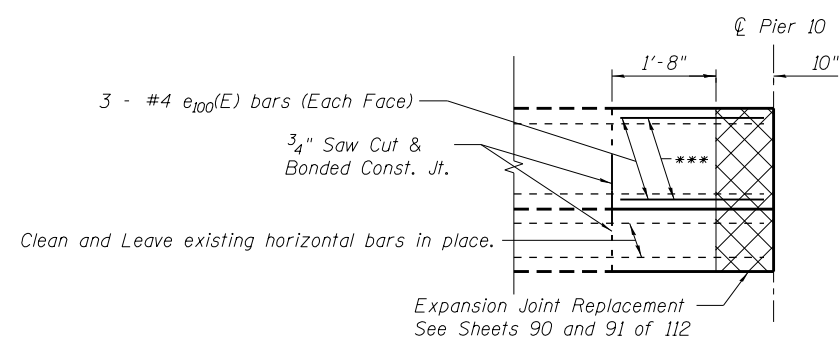
SHEET NO. 19 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	87
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) Peoria / Tazewell



SPAN 9 NORTH PARAPET ELEVATIONS



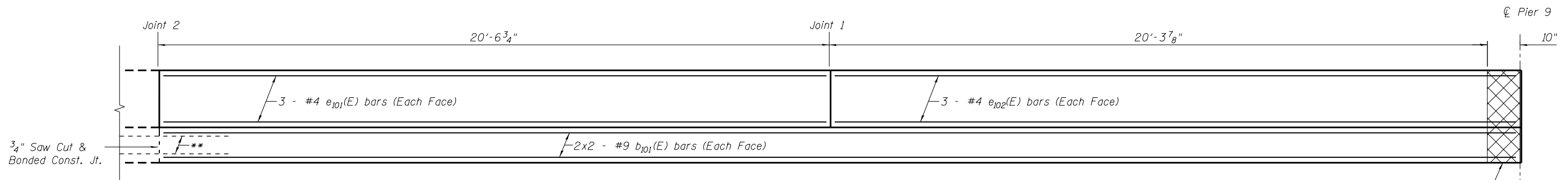
SPAN 10 NORTH PARAPET ELEVATION

= Area to be removed & replaced during the repair of expansion joints.

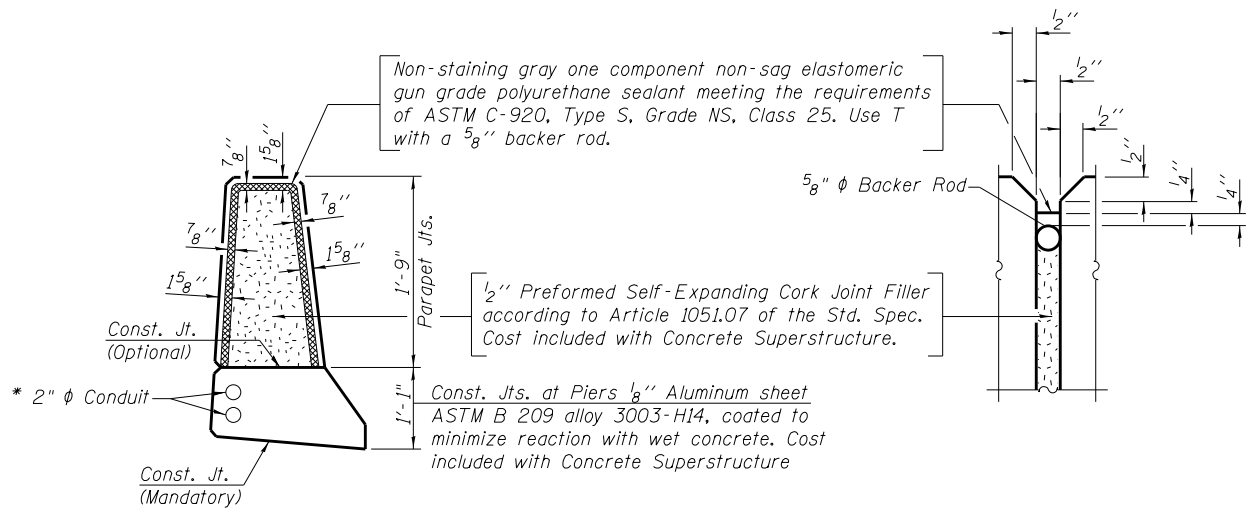
* Contractor shall protect all electrical conduit and cable attached to or embedded in structure. Electrical service shall remain operational throughout construction.

** Cut off existing horizontal bars one lap length from saw cut. Clean & lap with new horizontal bars.

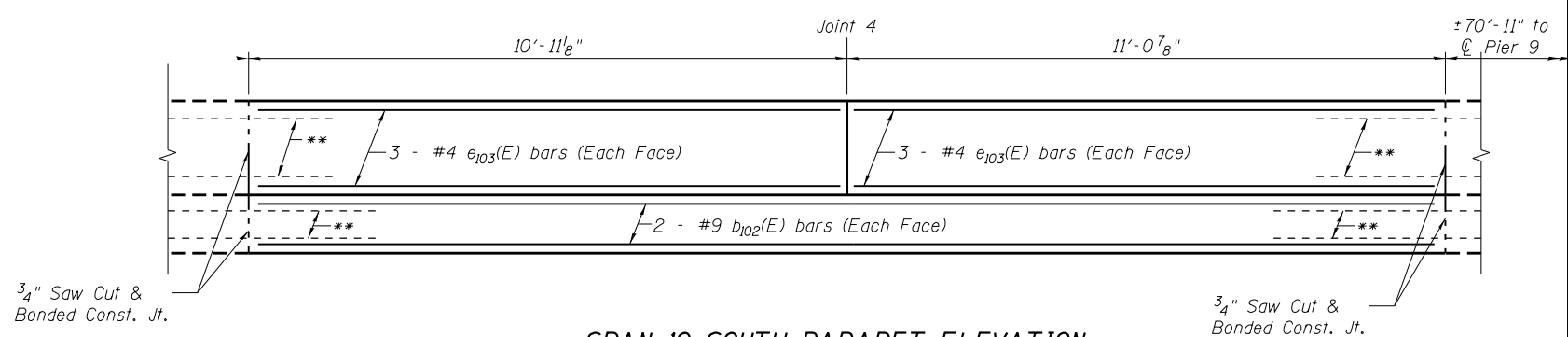
*** Clean and leave existing horizontal bars in place. Lap new horizontal bars with existing bars.



SPAN 10 SOUTH PARAPET ELEVATION



PARAPET JOINT DETAILS



SPAN 10 SOUTH PARAPET ELEVATION

Work this sheet with Sheet 18 of 112

FILE NAME : S:\Projects\2015\JOBS\151L004-00 OEI PTB 168-17 D4 Cedar St. Bridge\CADD\Sheet\0900030-68A93-088-ParapetRepair03.dgn
 MODEL : Default
 PLOT DRIVER : 151L004 PDF.plt



USER NAME : rgoertz	DESIGNED - CFS	REVISED
0900030-68A93-088-ParapetRepair03.dgn	CHECKED - DRB	REVISED
PLOT SCALE : 0:2.0000 '1' / in.	DRAWN - CFS	REVISED
PLOT DATE : 10/05/2015	CHECKED - DRB	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

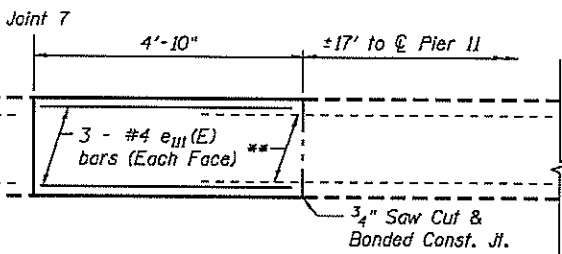
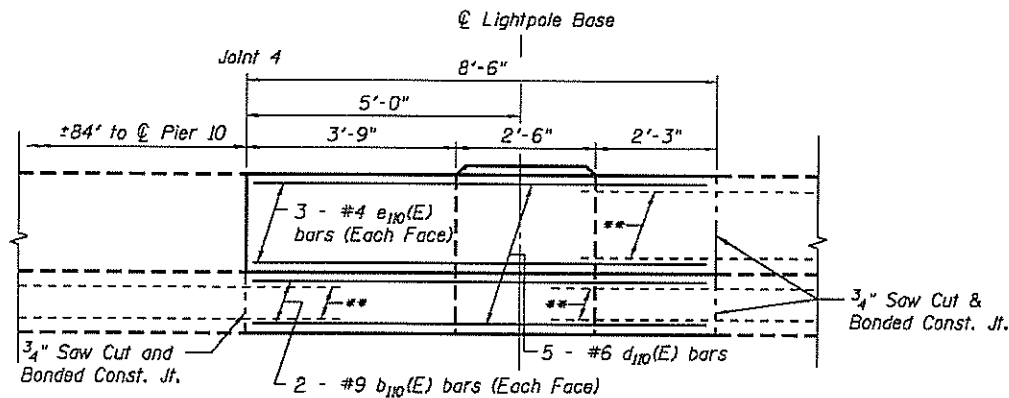
**PARAPET REPAIRS - 3
 S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER**

SHEET NO. 20 OF 112 SHEETS

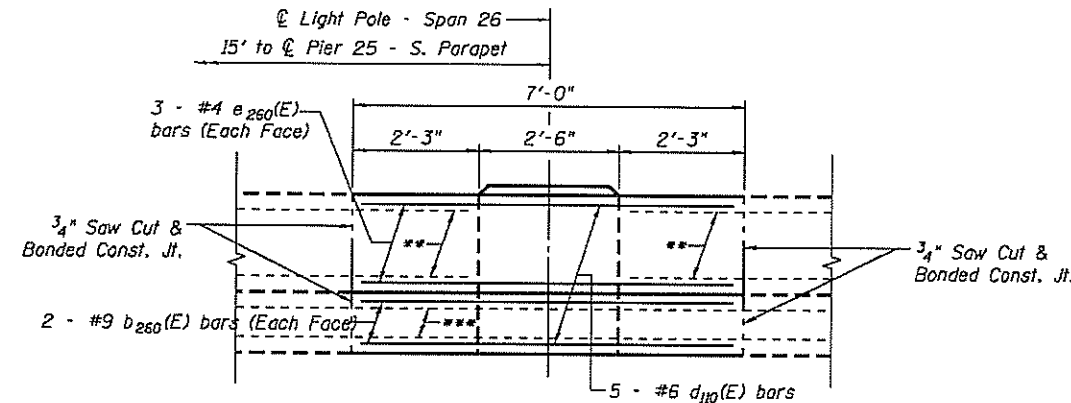
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	(*)	180	88
CONTRACT NO. 68A93				

ILLINOIS FED. AID PROJECT

(*) Peoria / Tazewell

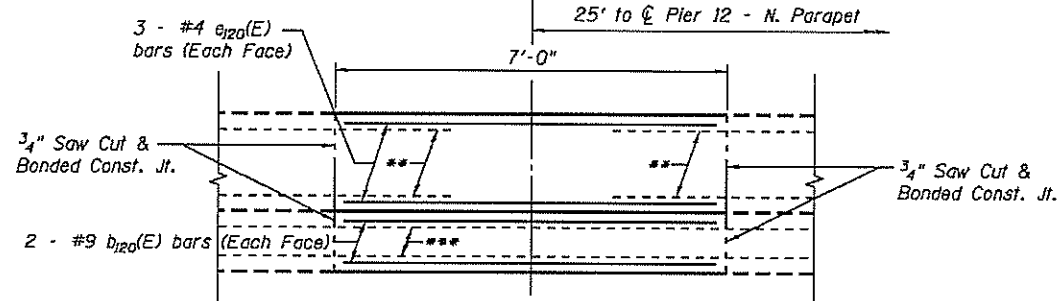


SPAN 11 NORTH PARAPET ELEVATIONS



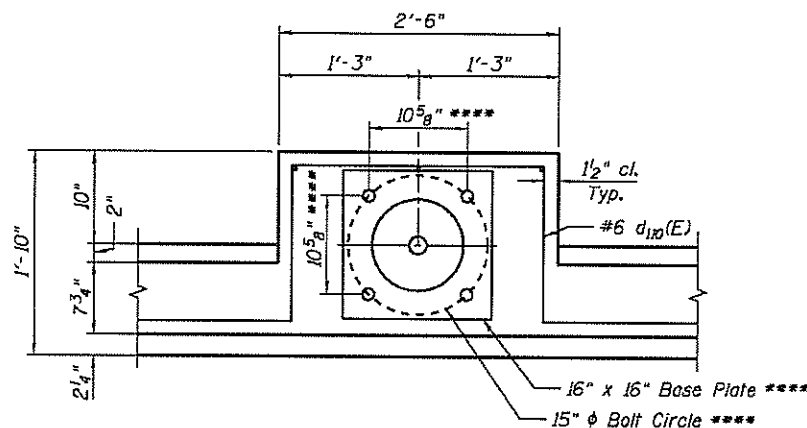
SPAN 26 SOUTH PARAPET ELEVATION

Existing concrete sign base to be removed. Cut off anchor bolts flush with concrete removal line and paint exposed ends with Zinc Rich Paint. Cost included in CONCRETE REMOVAL.



SPAN 12 NORTH PARAPET ELEVATION

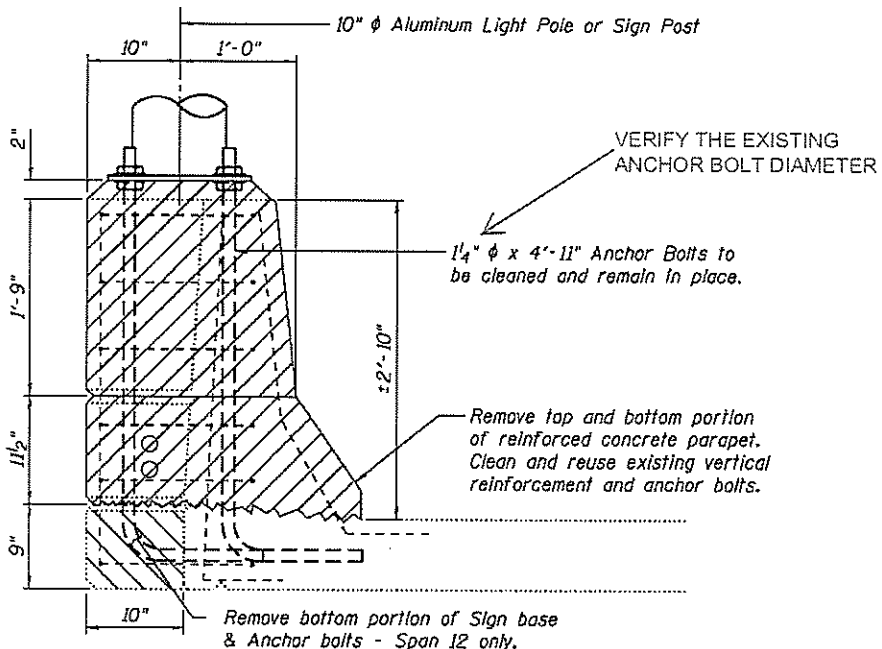
(See Parapet Top and Bottom Replacement Sheet 18 of 112)



TOP VIEW

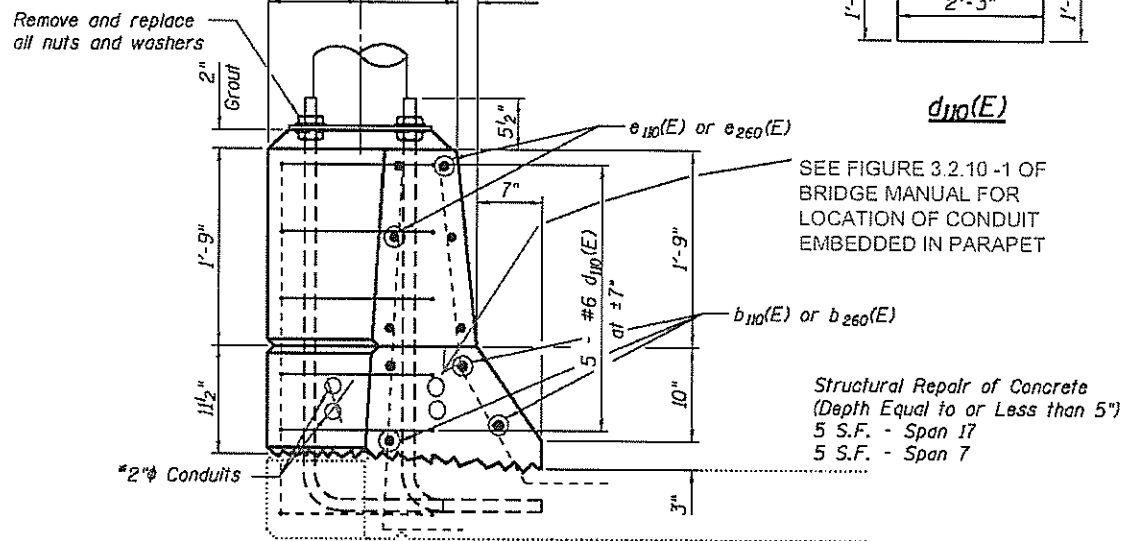
Notes:

- Grout mixture shall consist of 1 part sand, 1 part cement, and 1 part chips (pea gravel). The grout shall contain water for a 1" slump, cost included in CONCRETE SUPERSTRUCTURE.
- 10" Aluminum Light Pole shall be removed during construction and stored. Reinstall light pole after construction. Cost included in CONCRETE SUPERSTRUCTURE.
- Contractor shall protect all electrical conduit and cable attached to or embedded in structure. Electrical service shall remain operational throughout construction.
- Cut off existing horizontal bars one lap length from saw cut. Clean and lap with new horizontal bars.
- Clean and leave existing horizontal bars in place. Lap new horizontal bars with existing bars.
- Contractor shall verify dimensions in field.



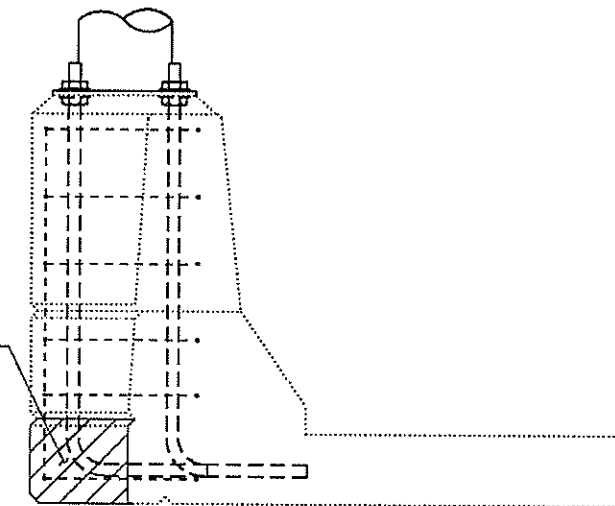
PARAPET REMOVAL AT LIGHT POLE AND SIGN POST

(Typical Spans 11, 12, and 26)



PARAPET REPLACEMENT AT LIGHT POLE AND SIGN POST

(Typical Spans 11 and 26)



BOTTOM OF PARAPET REPAIR

Span 7 - N. Parapet, 5' E. of Pier 6
Span 17 - S. Parapet, 80' E. of Pier 16

See Sheet 20 of 112 for Parapet Joint Details

Work this sheet with Sheet 18 of 112

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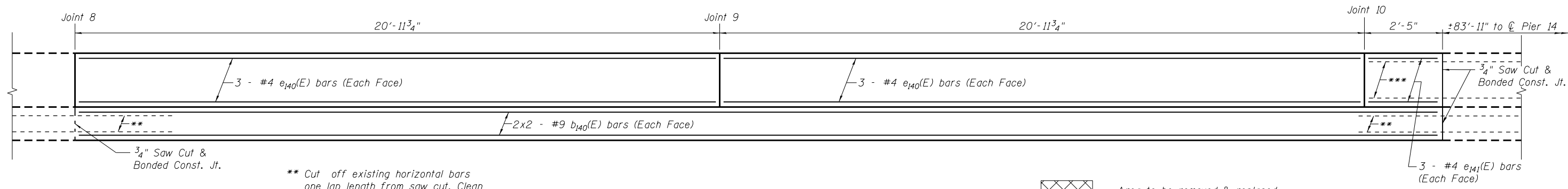
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARAPET REPAIRS - 4
CEDAR STREET BRIDGE
SHEET NO. 21 OF 112 SHEETS

F.A.P. RTE. 669	SECTION 1103B11-7	COUNTY (*)	TOTAL SHEETS 180	SHEET NO. 89
				CONTRACT NO. 68A93

(*) Peoria / Tezawell

ILLINOIS FED. AID PROJECT

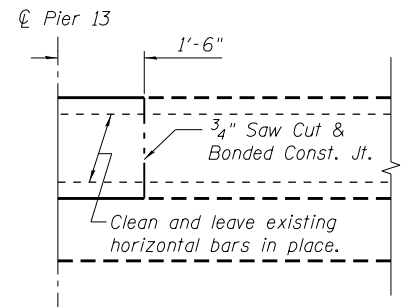


** Cut off existing horizontal bars one lap length from saw cut. Clean and lap with new horizontal bars.

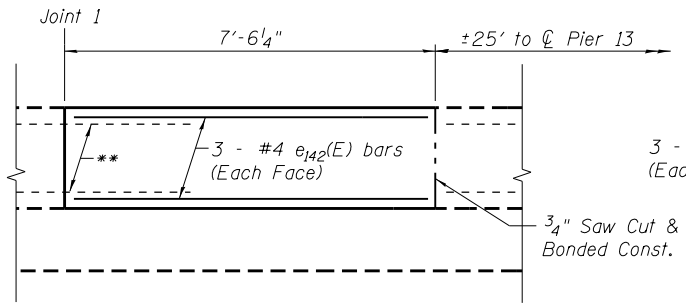
*** Clean and leave existing horizontal bars in place. Lap new horizontal bars with existing bars.

SPAN 14 NORTH PARAPET ELEVATION

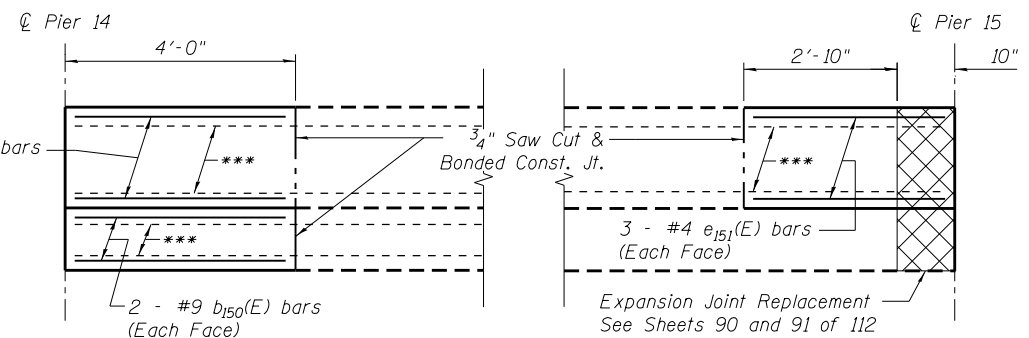
= Area to be removed & replaced during the repair of expansion joints.



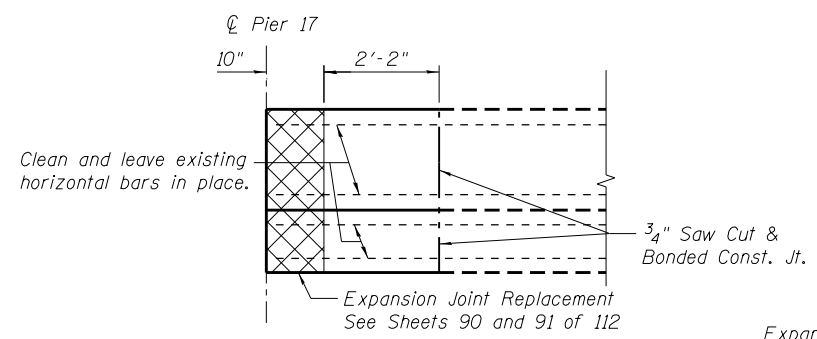
SPAN 14 NORTH PARAPET ELEVATION



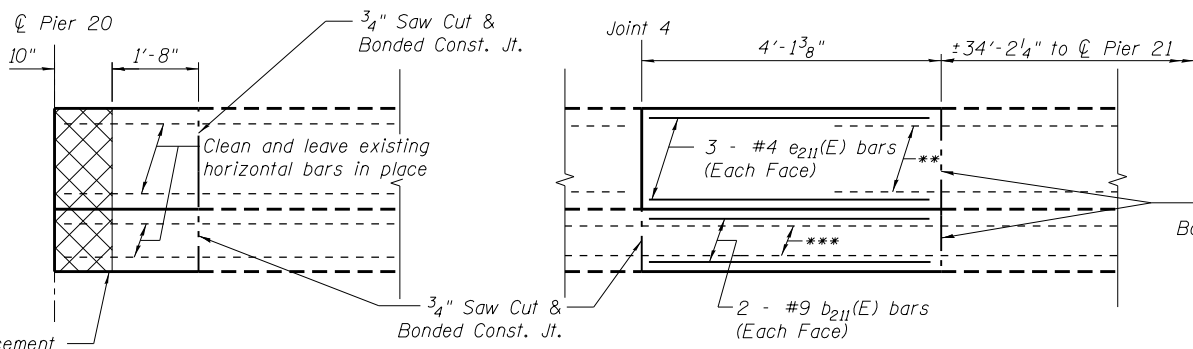
SPAN 14 SOUTH PARAPET ELEVATION



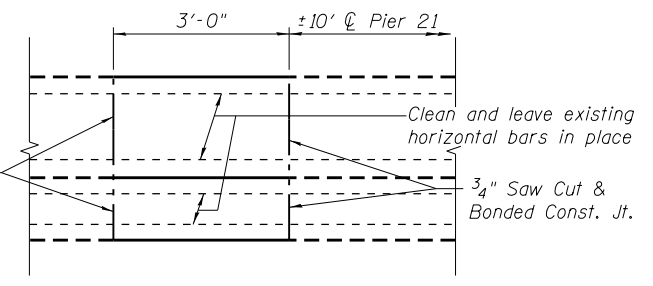
SPAN 15 NORTH PARAPET ELEVATION



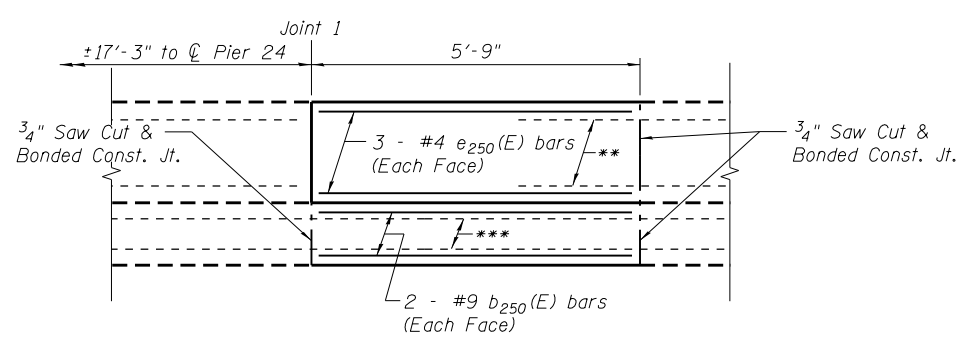
SPAN 18 NORTH PARAPET ELEVATION



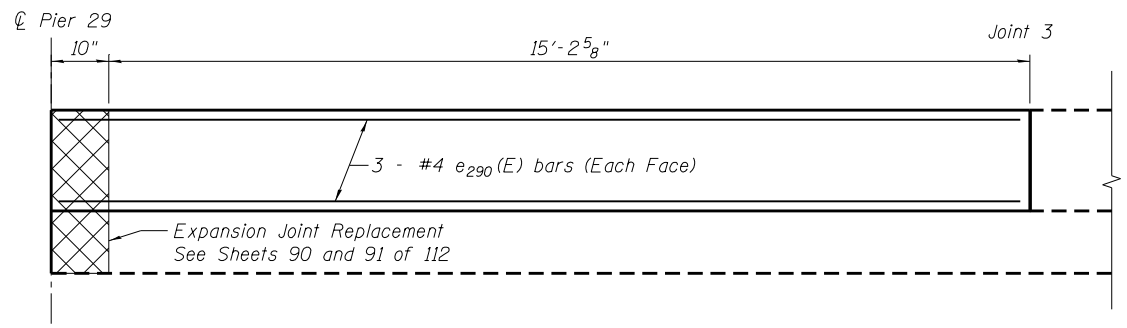
SPAN 21 NORTH PARAPET ELEVATIONS



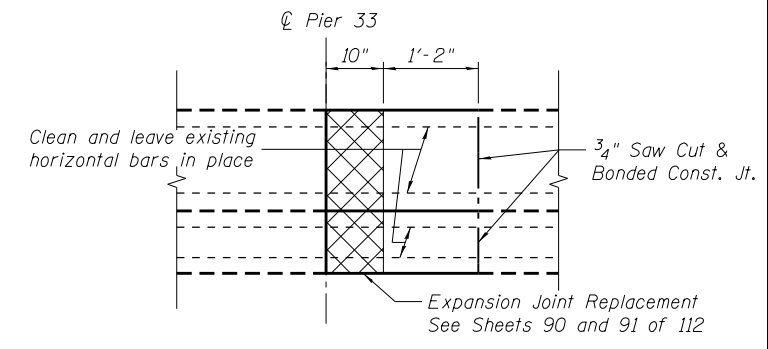
SPAN 22 SOUTH PARAPET ELEVATION



SPAN 25 NORTH PARAPET ELEVATION



SPAN 29 SOUTH PARAPET ELEVATION



SPAN 34 NORTH PARAPET ELEVATION

Work this sheet with Sheet 18 of 112

See Sheet 20 of 112 for Parapet Joint Details

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARAPET REPAIRS - 5
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 22 OF 112 SHEETS

F.A.P. RTE. 669	SECTION (103B)I-7	COUNTY (+)	TOTAL SHEETS 180	SHEET NO. 90
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				

(*) Peoria / Tazewell

GUSSET REPAIR GENERAL NOTES

Repair plates, fill plates, pin plates, and angles may require field adjustment to fit actual as-built conditions. Cost included in Structural Steel Repair.

Repair plates have been sized to provide 1/2" minimum edge distance, unless otherwise noted, per available existing plan information. Dimensions shall be field verified to confirm minimum edge distance is met.

Bolt layout depicted is approximate. Bolts shall be spaced with a minimum edge distance of 1/2" and a maximum edge distance of 5". Along the edge of the plate/angle the bolts shall be spaced at 2 3/8" minimum to 6 1/2" maximum centers to meet sealing requirements. If the number of fasteners provided is different than the number depicted on the plan details, the layout shall be submitted to the Engineer for approval prior to installation.

The as-designed repair details do not require temporary support for floorbeams and structural bracing members. If additional fasteners need to be removed beyond those shown, the Contractor shall submit a procedure for review and approval by the Engineer. If necessary, the Contractor shall provide temporary support for floorbeams and/or structural bracing members due to the additional fastener removal.

Trimming of repair plates, fill plates, and angles to accommodate existing fasteners not used in the repair shall occur by saw cutting or grinding. Minimum radius of 1" shall be maintained. Flame-cutting is not permitted. All cut edges shall be ground smooth to an ANSI 250 finish.

Walkway, drainage and any other miscellaneous attachments to the gusset plates shall be removed, temporarily supported, modified to fit the repaired condition, and reinstalled after gusset plate repairs have been completed. Installation methods shall be approved by the Engineer. Cost of removal, supporting, trimming, and reinstalling all members necessary to complete the work as shown in the plans shall be included in Structural Steel Repair.

Sealant shall be compatible with the proposed paint system and shall be submitted to the Engineer for approval prior to use (see project general notes, Sheet 3 of 112). All costs associated with the installation of the sealant shall be included in Structural Steel Repair.

GUSSET REPAIR PROCEDURES

Provided the Contractor complies with the load restrictions assumed during design (see Gusset Repair Load Restrictions section this sheet), there is no limit to the number of joints that can be simultaneously repaired.

The Contractor will be allowed to remove rivets and replace with temporary high-strength bolts in advance of repair plate and/or angle installation. Flame cutting for rivet removal is not permitted.

Contractor shall install repair plates, fill plates, and angles one at a time, on the inside gusset plate, followed by the installation of the repair plates, one at a time, on the outside gusset plate.

For each repair plate or angle, the Contractor may remove all rivets to be replaced at the same time to facilitate fit-up and match-marking of holes.

The Contractor shall complete the installation of individual plates or angles at the end of each day. The completion of the installation of all plates and angles within a truss joint at the end of each day is not required.

Upon completion of repairs and coating touch-up, joint sealant shall be installed along perimeter of plys between existing steel and the new steel angles and/or plates per the detail provided and as directed by the Engineer.

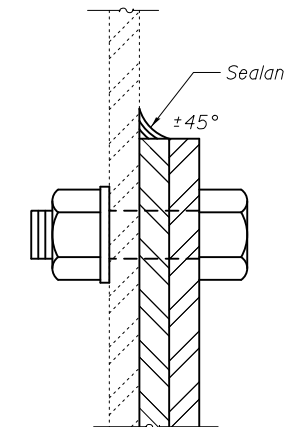
GUSSET REPAIR LOAD RESTRICTIONS

During gusset repairs, vehicular live load shall be restricted to the two lanes farthest from the gusset plate.

Construction loading assumed for design consisted of the temporary concrete barrier and a construction load of 20 psf in the 20-foot adjacent work zone. The 20 psf construction load was positioned or applied in order to maximize the load for each individual truss member.

As-designed load capacity ratings for the as-repaired condition considered the construction loads as locked-in stresses for the original material. Note that vehicular live load stresses from the far two lanes were not considered locked-in due to the transitory nature of this loading.

The Contractor shall confirm that the combined weight of construction vehicles, equipment, work platforms and stockpiled materials comply with the noted design assumptions at all times during gusset plate repairs. The Contractor shall submit construction weights and sequencing to the Engineer for approval.



DETAIL 1 - SEALANT



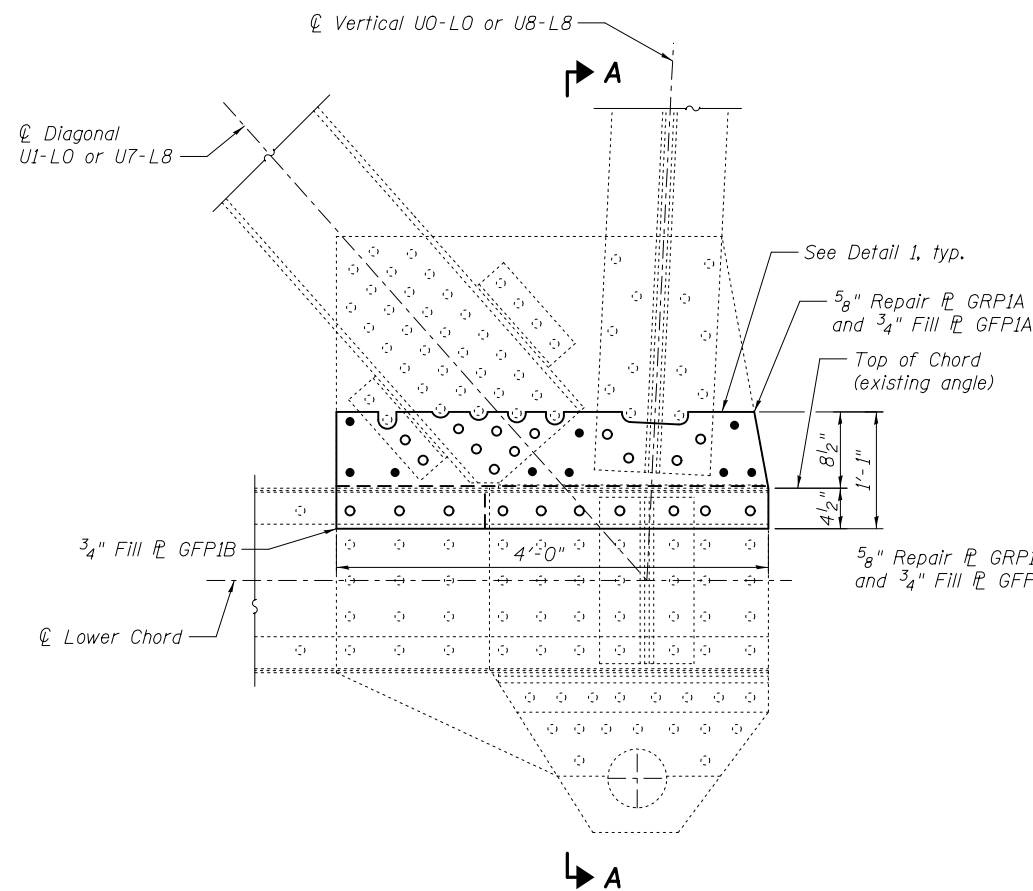
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

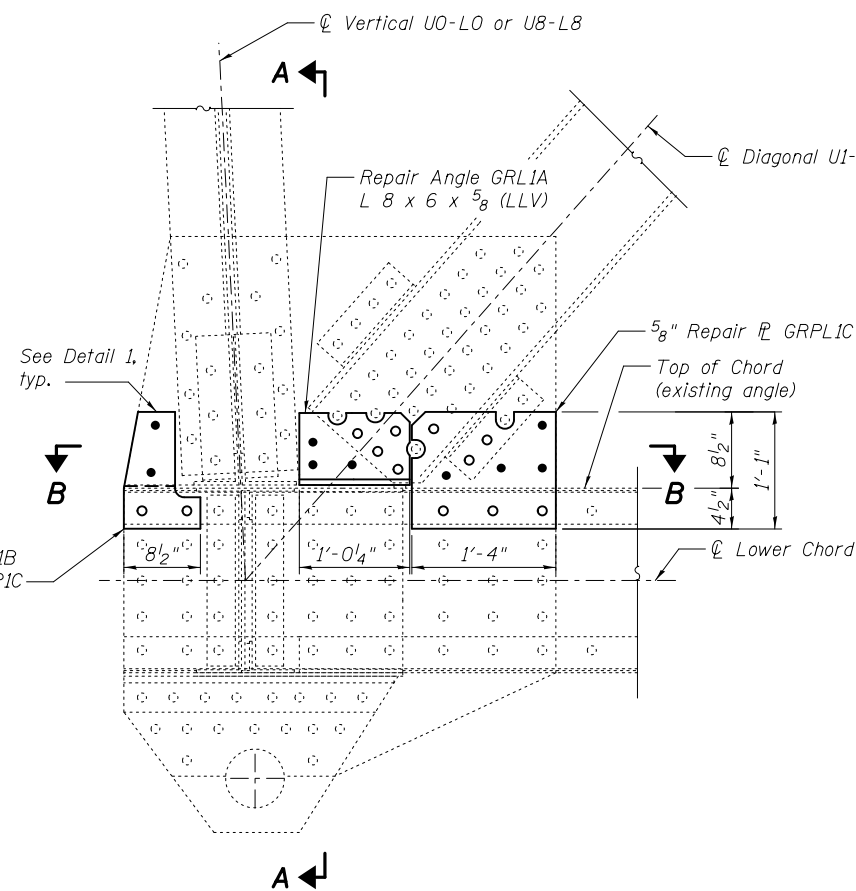
**GUSSET PLATE REPAIRS – GENERAL NOTES AND PROCEDURES
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER**

SHEET NO. 23 OF 112 SHEETS

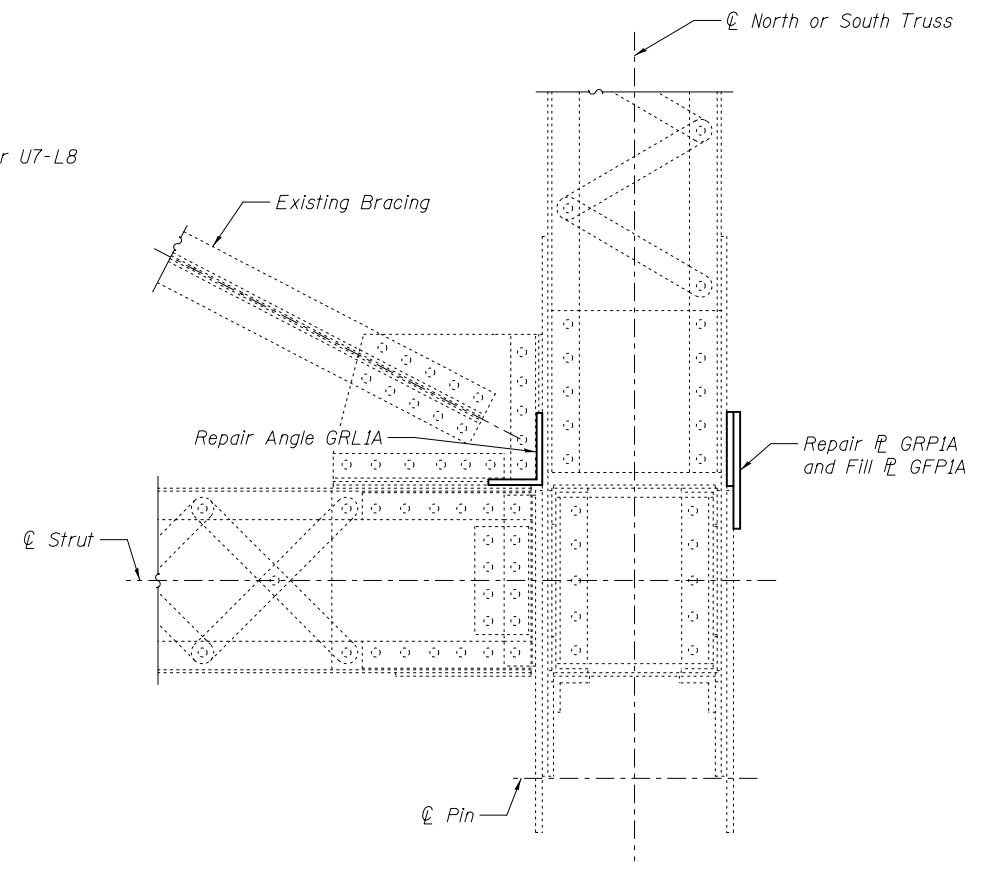
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CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



OUTSIDE ELEVATION



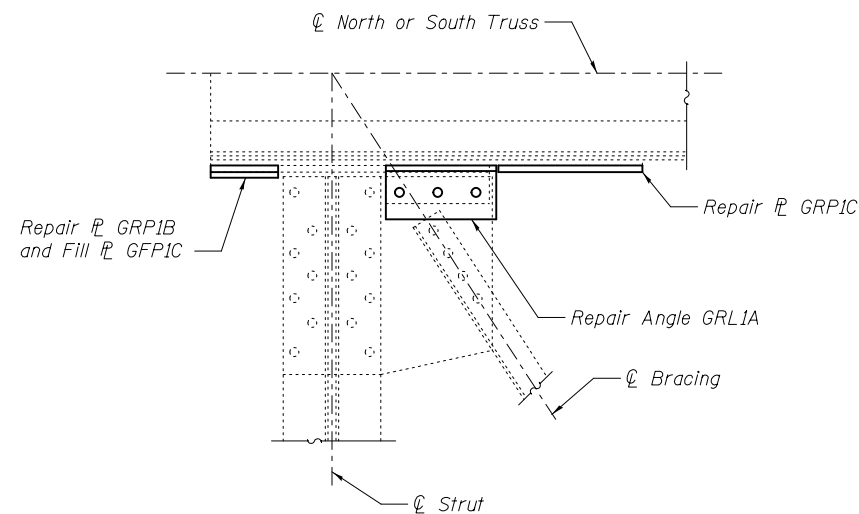
INSIDE ELEVATION



SECTION A-A

GUSSET PLATE L0 AND L8

Field cut/cope new materials to accommodate existing fasteners not used in repair, as required.



SECTION B-B

REPAIR LOCATIONS

Span	Joint	Truss	Inner \mathbb{R}	Outer \mathbb{R}
10	L8	North	1	1
10	L8	South	1	1
12	L8	South	1	1
16	L0	North	1	1
17	L0	North	1	1
17	L0	South	1	1

LEGEND

- ◊ Existing fastener to remain
- New 7/8" ϕ A325 bolt in new 1 5/16" ϕ hole (shop or field drilled)
- Replace existing fastener with new 7/8" ϕ A325 bolt in existing hole. Holes in new material shall be field drilled using existing members as a template.

Notes:
 For gusset repair general notes and procedures, see Sheet 23 of 112.
 The Contractor shall field verify existing conditions, including gusset plates, connection plates, connection angles, miscellaneous steel and layout of the fastener holes prior to ordering new materials.
 For Detail 1 (Sealant), see Sheet 23 of 112.

BILL OF MATERIAL

Item	Unit	Total
Structural Steel Repair	Pound	2,160



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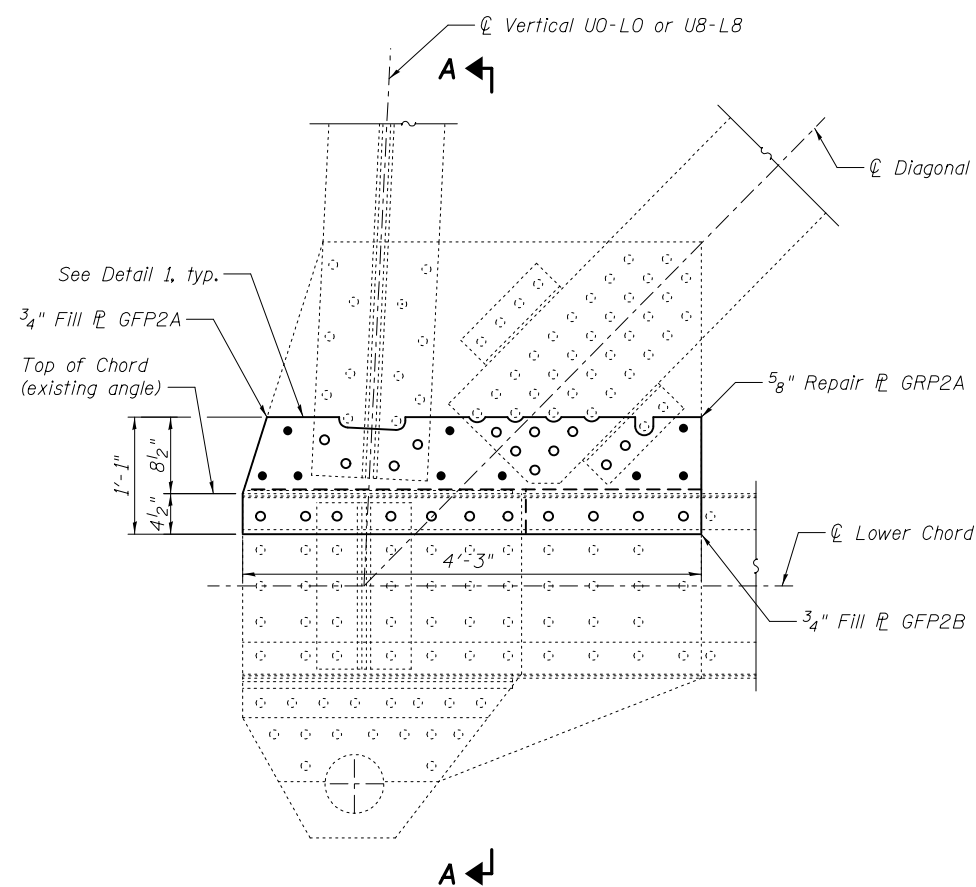
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GUSSET PLATE REPAIRS - 1
 S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

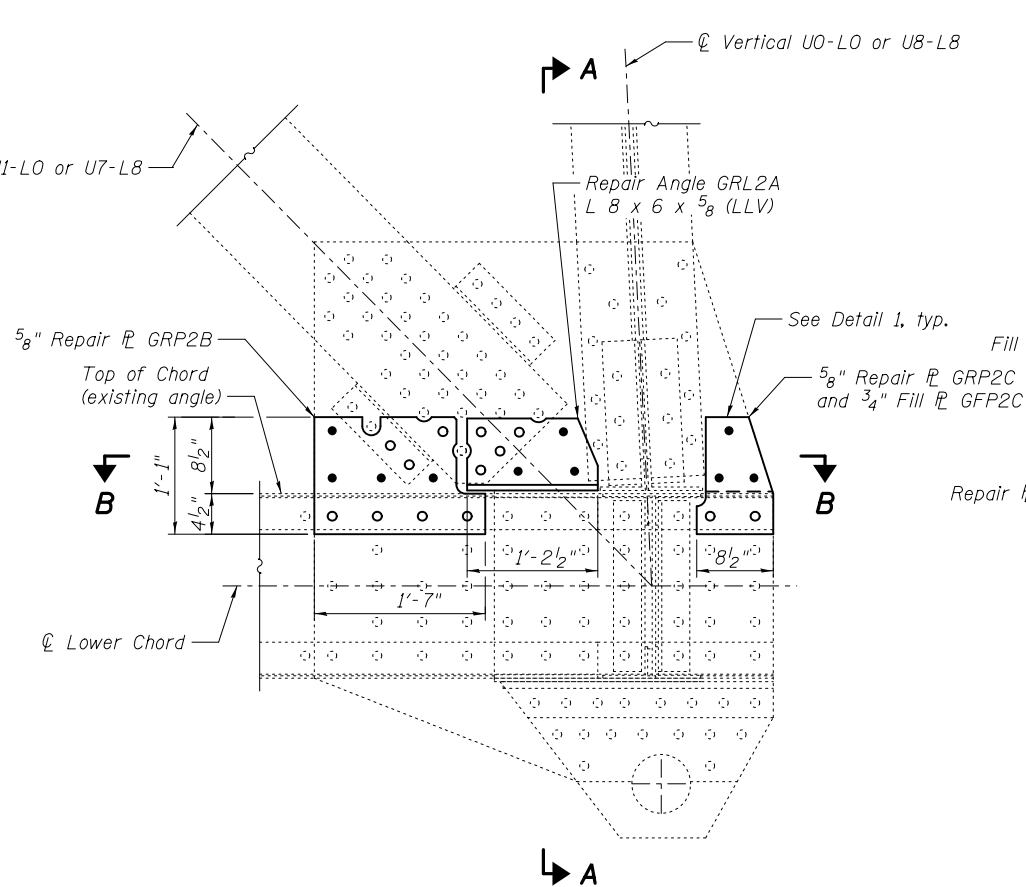
SHEET NO. 24 OF 112 SHEETS

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CONTRACT NO. 68A93				

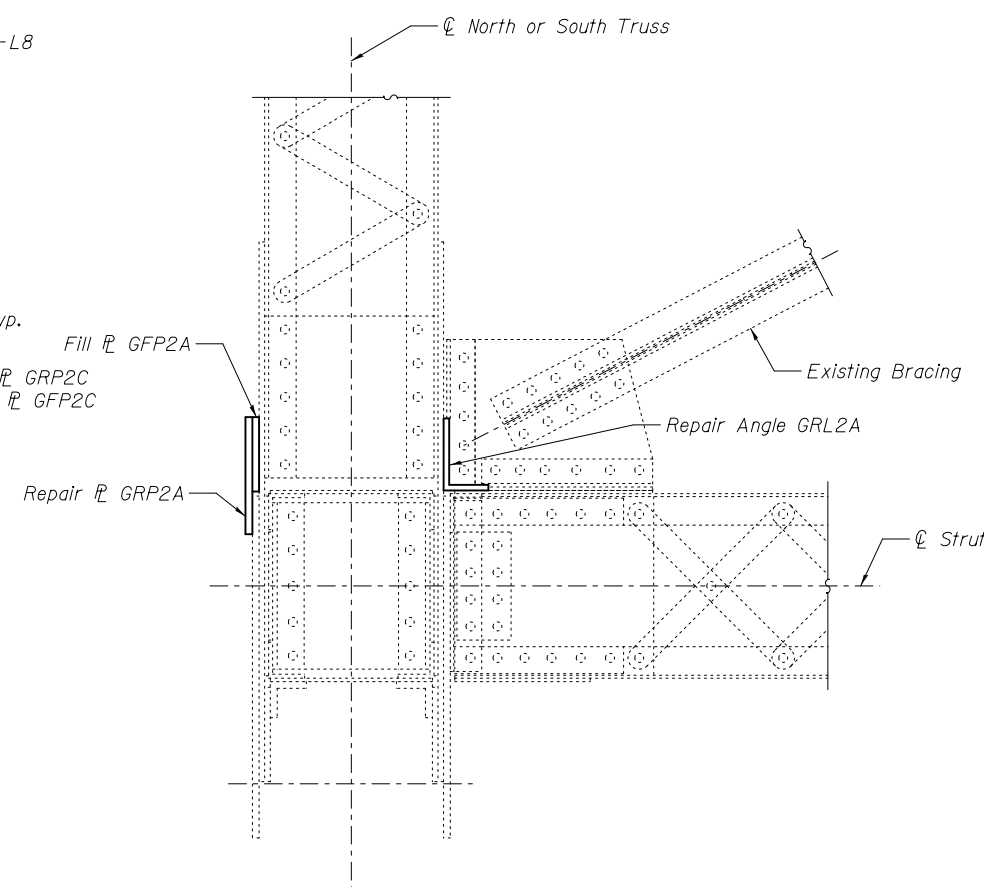
ILLINOIS FED. AID PROJECT



OUTSIDE ELEVATION



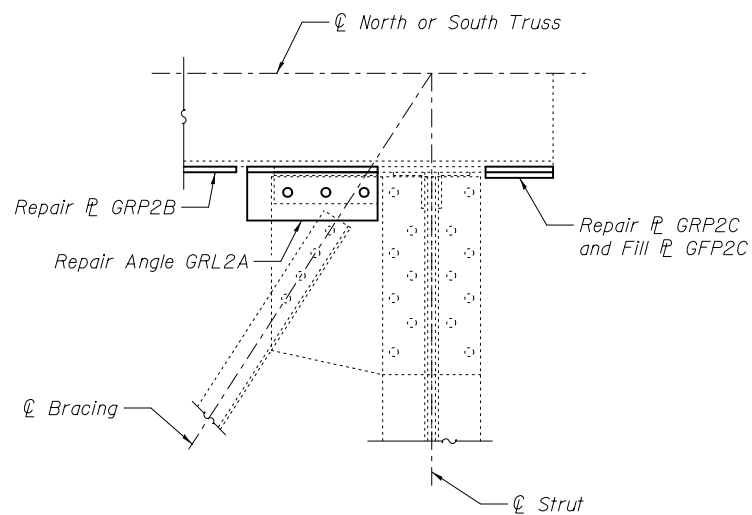
INSIDE ELEVATION



SECTION A-A

GUSSET PLATE L0 AND L8

Field cut/cope new materials to accommodate existing fasteners not used in repair, as required.



SECTION B-B

REPAIR LOCATIONS

Span	Joint	Truss	Inner PL	Outer PL
11	L0	North	1	1
11	L0	South	1	1
12	L0	South	1	1
16	L8	North	1	1
16	L8	South	N/A	1
17	L8	South	1	1

LEGEND

- ◊ Existing fastener to remain
- New 7/8" φ A325 bolt in new 15/16" φ hole (shop or field drilled)
- Replace existing fastener with new 7/8" φ A325 bolt in existing hole. Holes in new material shall be field drilled using existing members as a template.

Notes:
 For gusset repair general notes and procedures, see Sheet 23 of 112.
 The Contractor shall field verify existing conditions, including gusset plates, connection plates, connection angles, miscellaneous steel and layout of the fastener holes prior to ordering new materials.
 For Detail 1 (Sealant), see Sheet 23 of 112.

BILL OF MATERIAL

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Structural Steel Repair	Pound	2230



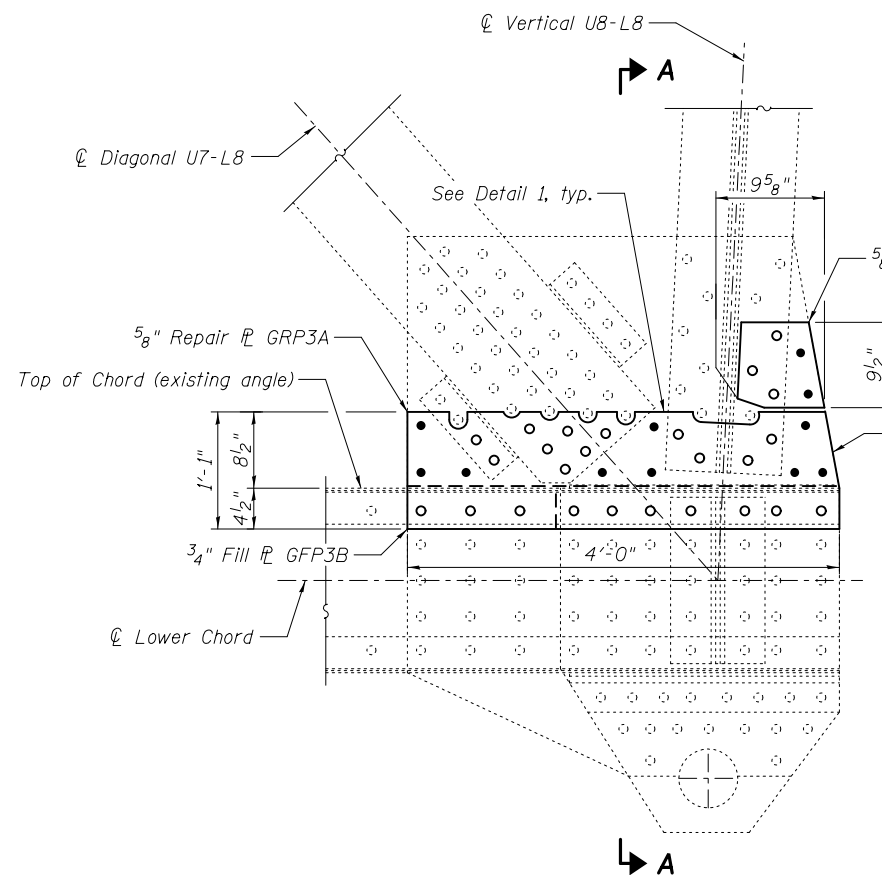
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

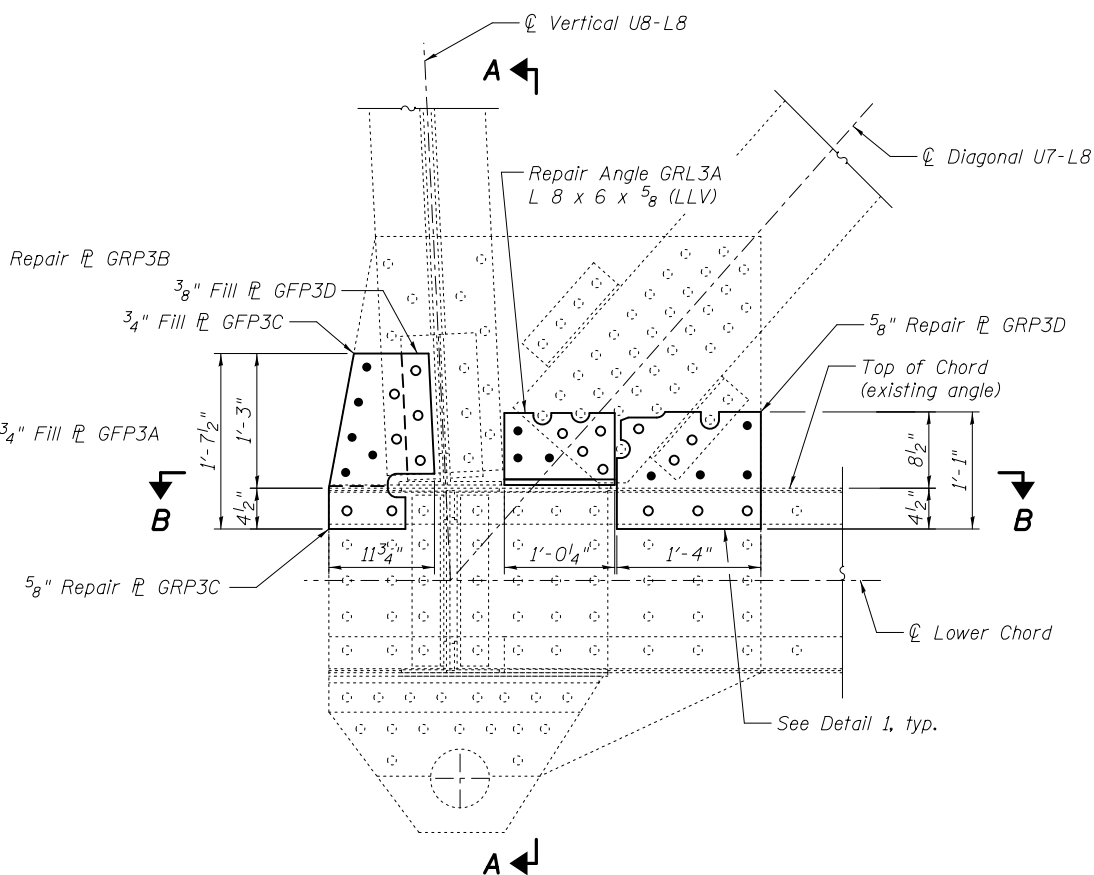
GUSSET PLATE REPAIRS - 2
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 25 OF 112 SHEETS

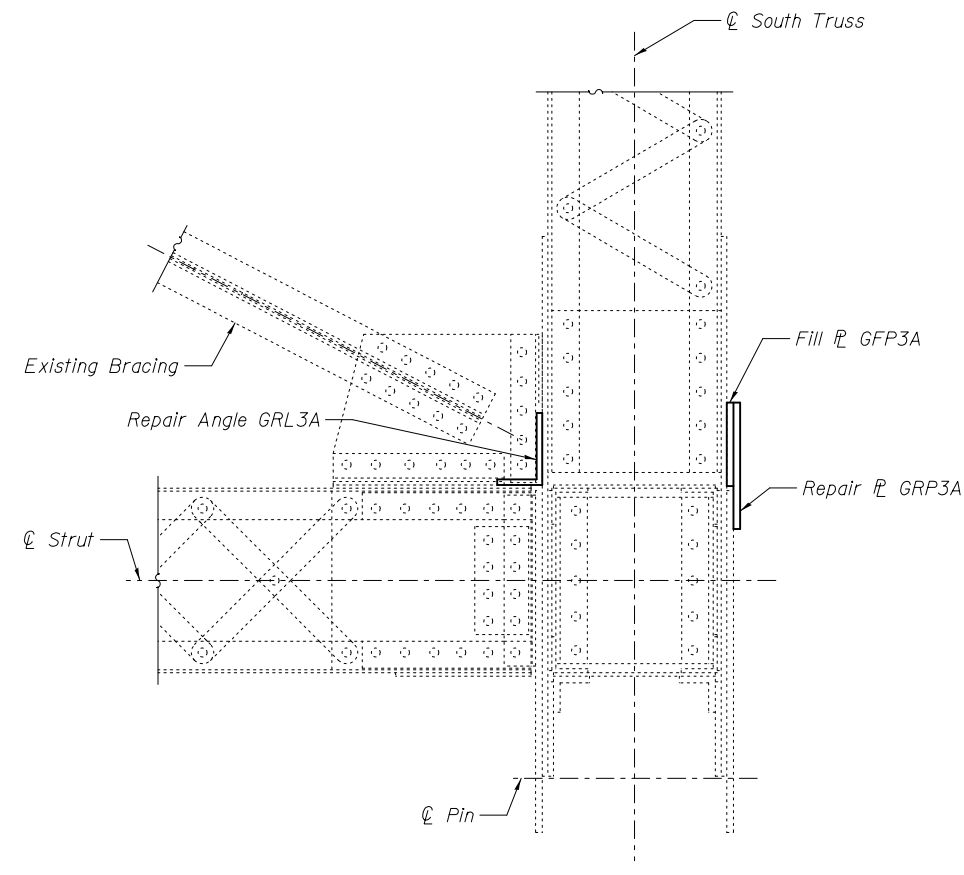
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CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



OUTSIDE ELEVATION



INSIDE ELEVATION



SECTION A-A

GUSSET PLATE L8S

Field cut/cope new materials to accommodate existing fasteners not used in repair, as required.

REPAIR LOCATIONS

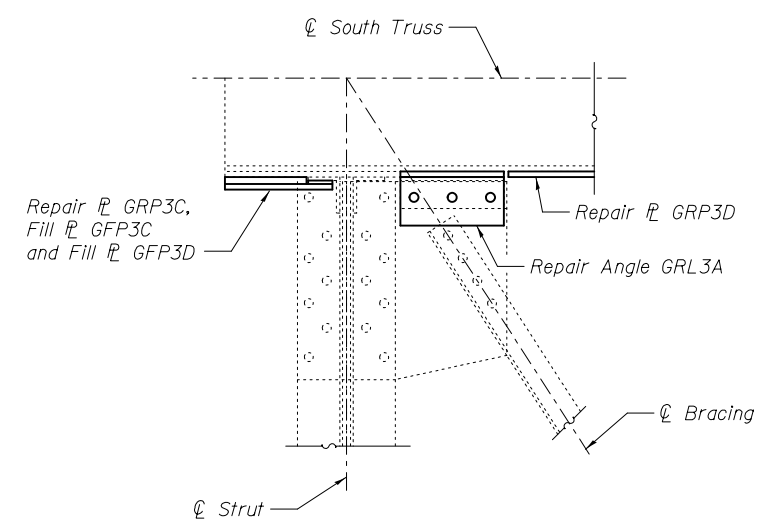
Span	Joint	Truss	Inner PL	Outer PL
11	L8	South	1*	1

* Remove existing repair angle. Reuse existing holes and modify proposed fastener layout to accommodate additional fasteners in accordance with gusset repair procedures.

LEGEND

- ◊ Existing fastener to remain
- New 7/8" φ A325 bolt in new 1 5/16" φ hole (shop or field drilled)
- Replace existing fastener with new 7/8" φ A325 bolt in existing hole. Holes in new material shall be field drilled using existing members as a template.

Notes:
 For gusset repair general notes and procedures, see Sheet 23 of 112.
 The Contractor shall field verify existing conditions, including gusset plates, connection plates, connection angles, miscellaneous steel and layout of the fastener holes prior to ordering new materials.
 For Detail 1 (Sealant), see Sheet 23 of 112.



SECTION B-B

BILL OF MATERIAL

Item	Unit	Total
Structural Steel Repair	Pound	430



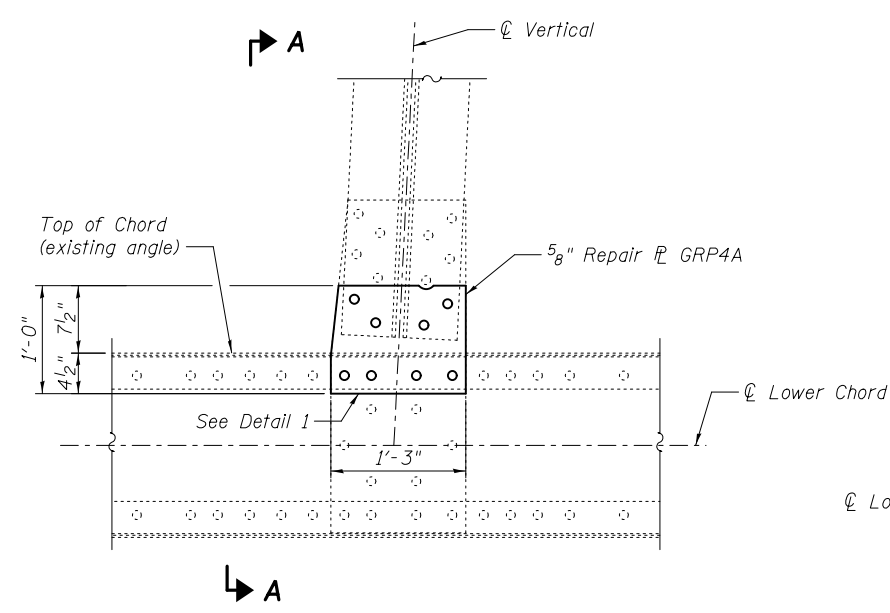
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

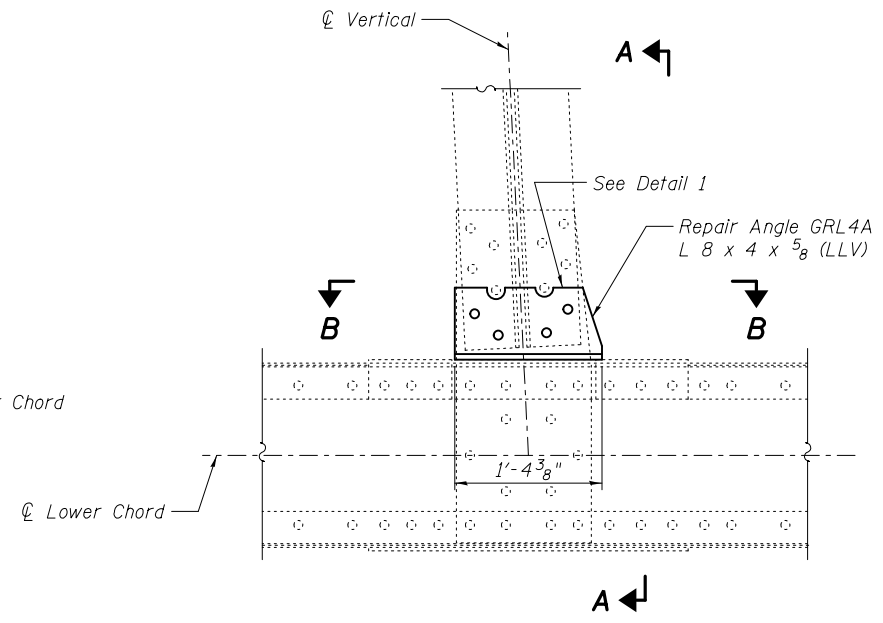
GUSSET PLATE REPAIRS - 3
 S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 26 OF 112 SHEETS

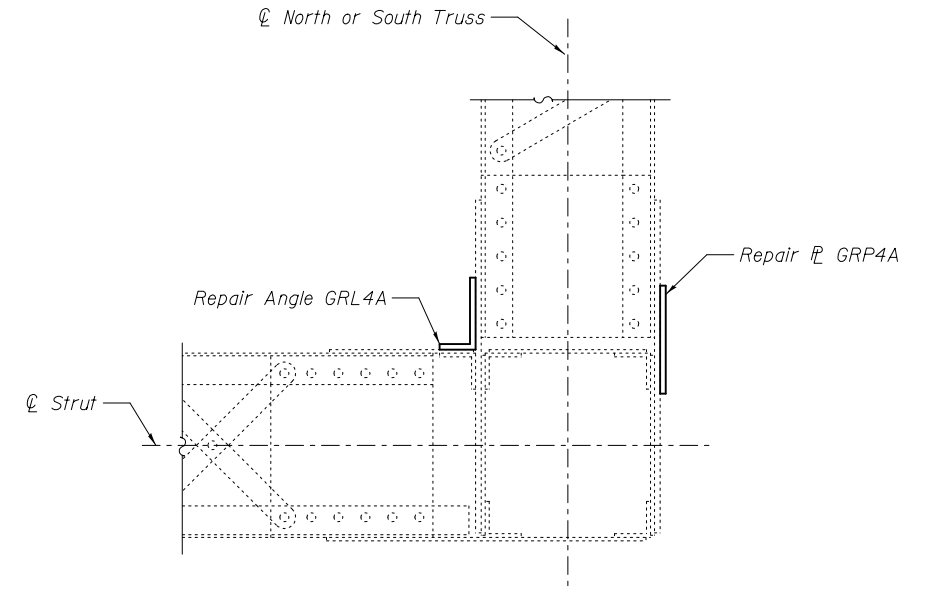
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CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



OUTSIDE ELEVATION



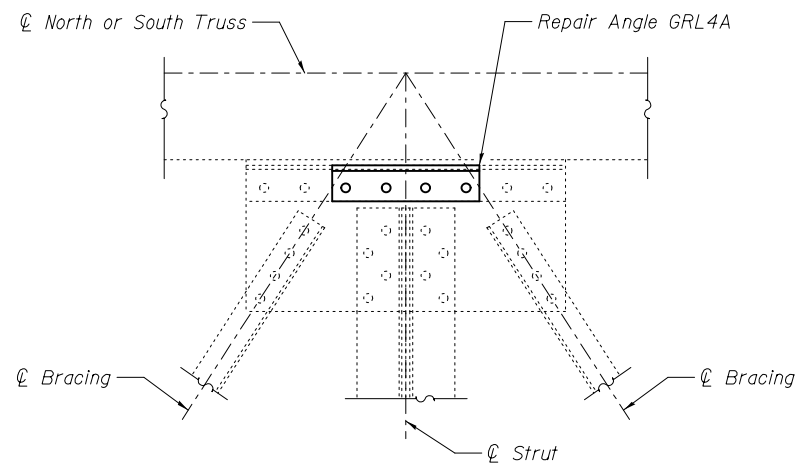
INSIDE ELEVATION



SECTION A-A

**GUSSET PLATE L1 AND L7
GUSSET PLATE L3 AND L5**

Field cut/cope new materials to accommodate existing fasteners not used in repair, as required.



SECTION B-B

REPAIR LOCATIONS

Span	Joint	Truss	Inner PL	Outer PL
10	L7	South	1	N/A
11	L1	South	1	1
11	L3	North	1	1
11	L3	South	1	N/A
11	L5	North	1	N/A
11	L7	South	1	1
12	L3	South	1	1
12	L5	South	N/A	1

Span	Joint	Truss	Inner PL	Outer PL
12	L7	North	1	1
16	L1	North	1	N/A
16	L3	North	1	N/A
16	L3	South	1	N/A
16	L5	North	1	N/A
16	L7	South	1	N/A
17	L7	South	1	N/A

LEGEND

- ◊ Existing fastener to remain
- New 7/8" φ A325 bolt in new 15/16" φ hole (shop or field drilled)
- Replace existing fastener with new 7/8" φ A325 bolt in existing hole. Holes in new material shall be field drilled using existing members as a template.

Notes:
For gusset repair general notes and procedures, see Sheet 23 of 112.
The Contractor shall field verify existing conditions, including gusset plates, connection plates, connection angles, miscellaneous steel and layout of the fastener holes prior to ordering new materials.
For Detail 1 (Sealant), see Sheet 23 of 112.

BILL OF MATERIAL

Item	Unit	Total
Structural Steel Repair	Pound	870



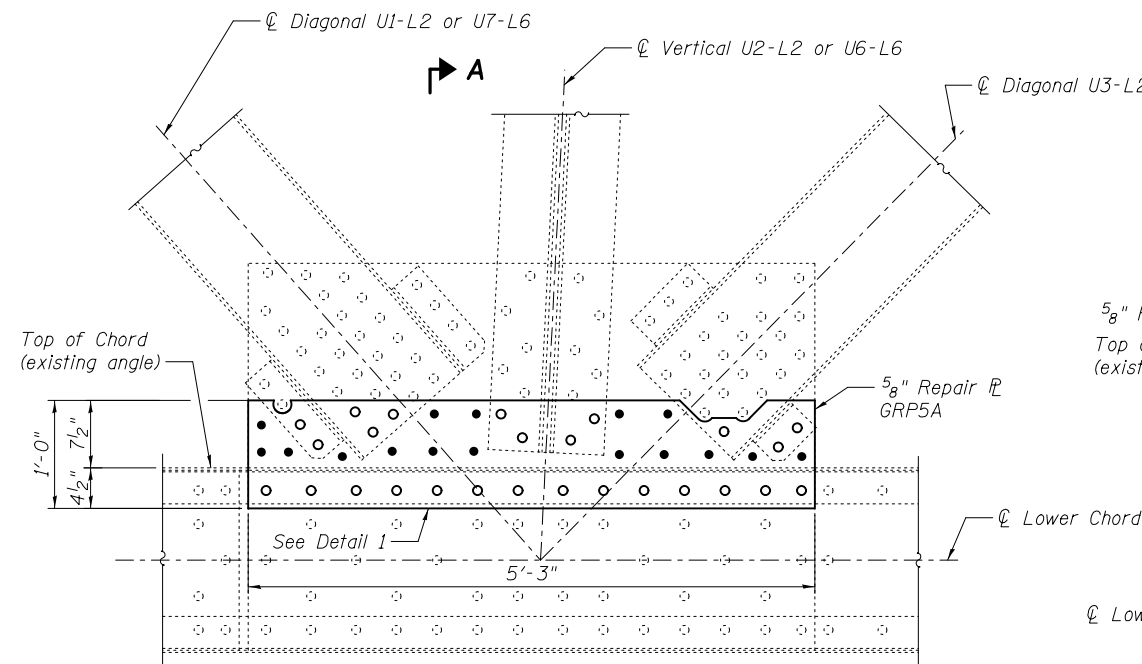
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

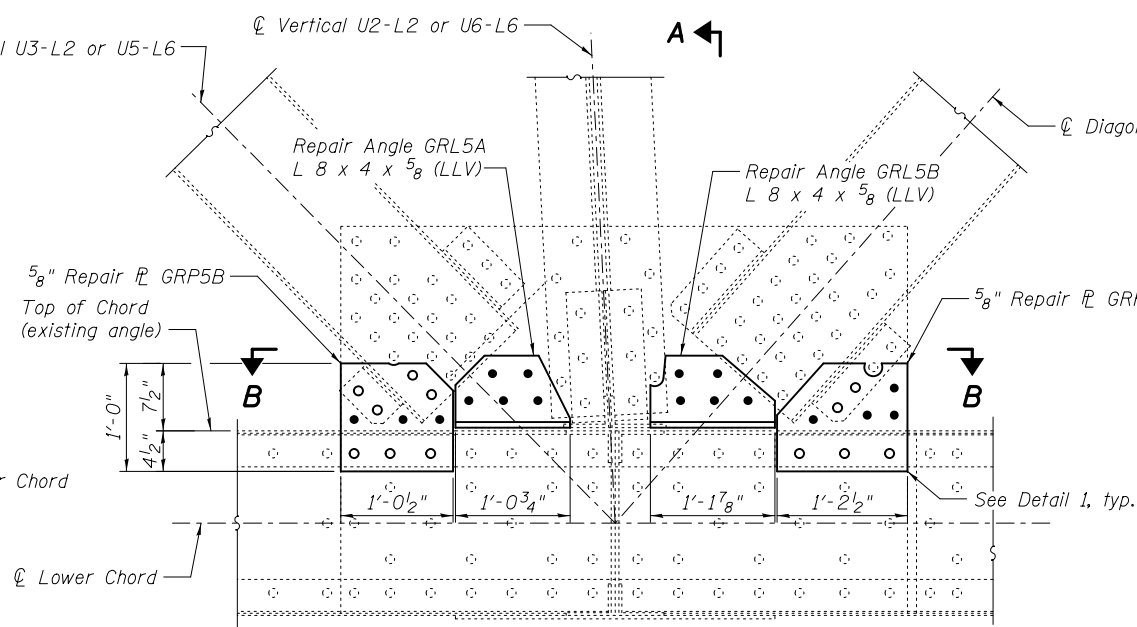
**GUSSET PLATE REPAIRS - 4
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER**

SHEET NO. 27 OF 112 SHEETS

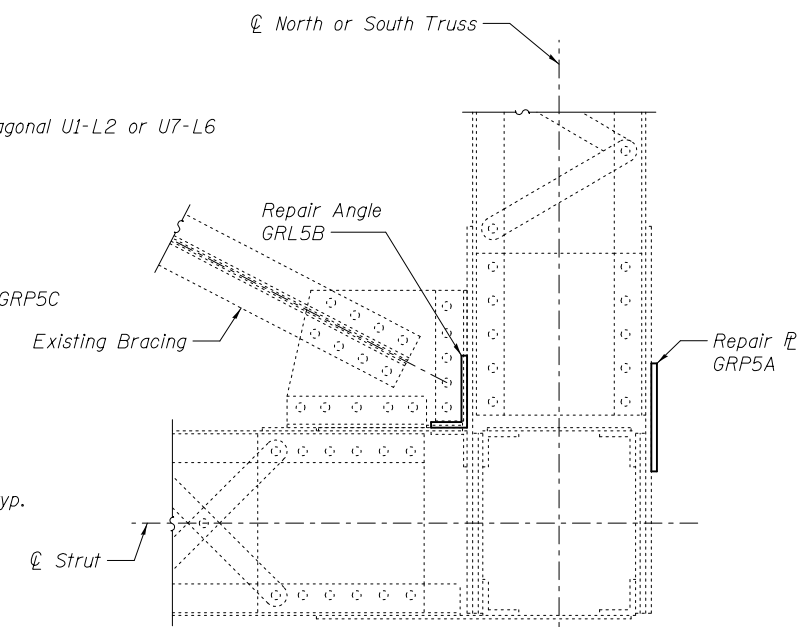
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CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



OUTSIDE ELEVATION



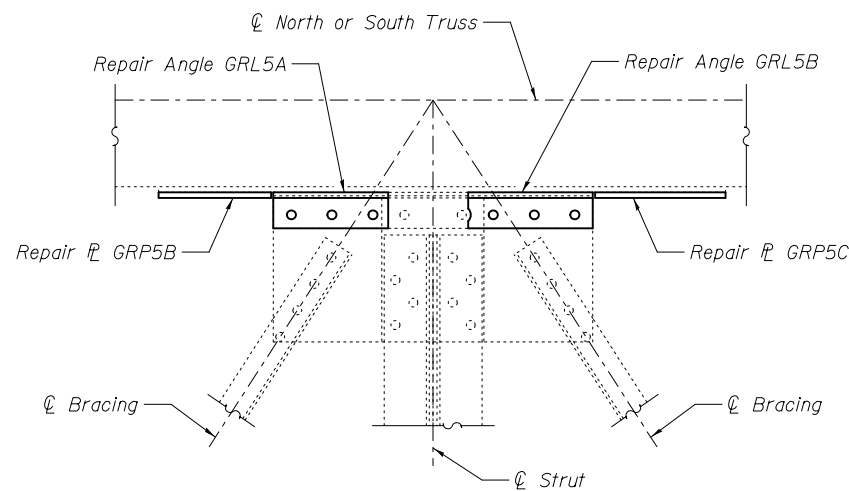
INSIDE ELEVATION



SECTION A-A

GUSSET PLATE L2 AND L6

Field cut/cope new materials to accommodate existing fasteners not used in repair, as required.



SECTION B-B

REPAIR LOCATIONS

Span	Joint	Truss	Inner PL	Outer PL
10	L2	North	1	N/A
10	L2	South	1	1
10	L6	South	1	1
11	L2	North	1	1
11	L2	South	1	1
11	L6	North	1	N/A
11	L6	South	1	1
12	L2	North	1	N/A
12	L2	South	1	1
12	L6	North	1	N/A
12	L6	South	1	1
16	L2	North	1	N/A
16	L2	South	1	1
16	L6	North	1	N/A
16	L6	South	1	1
17	L2	South	1	N/A
17	L6	South	1	N/A

LEGEND

- ◊ Existing fastener to remain
- New 7/8" φ A325 bolt in new 15/16" φ hole (shop or field drilled)
- Replace existing fastener with new 7/8" φ A325 bolt in existing hole. Holes in new material shall be field drilled using existing members as a template.

Notes:
 For gusset repair general notes and procedures, see Sheet 23 of 112.
 The Contractor shall field verify existing conditions, including gusset plates, connection plates, connection angles, miscellaneous steel and layout of the fastener holes prior to ordering new materials.
 For Detail 1 (Sealant), see Sheet 23 of 112.

BILL OF MATERIAL

Item	Unit	Total
Structural Steel Repair	Pound	3,930



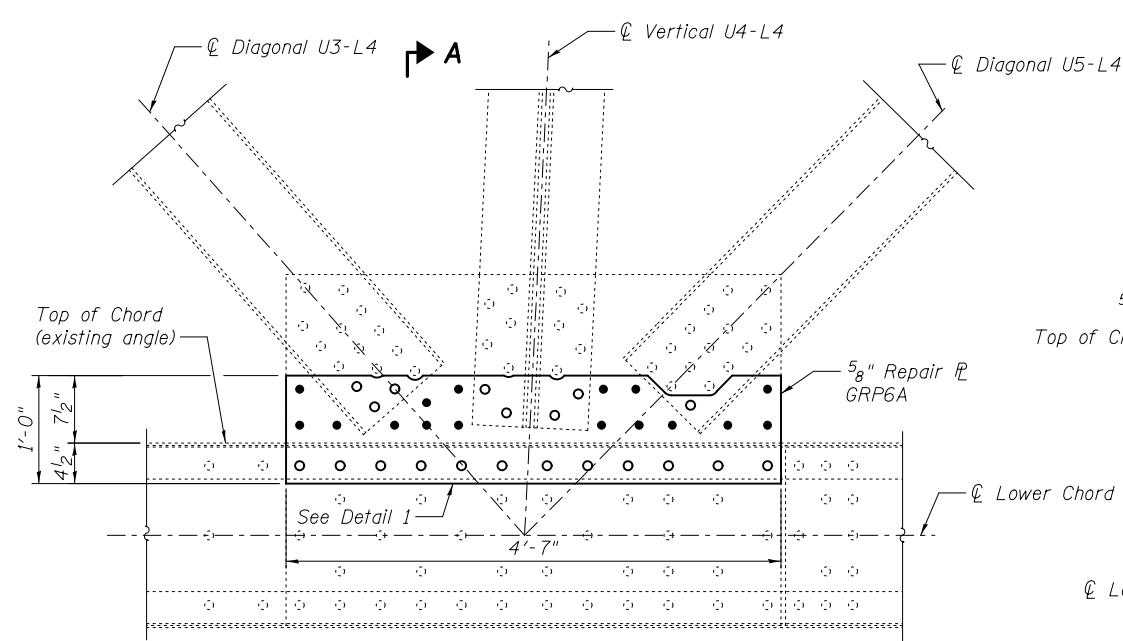
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

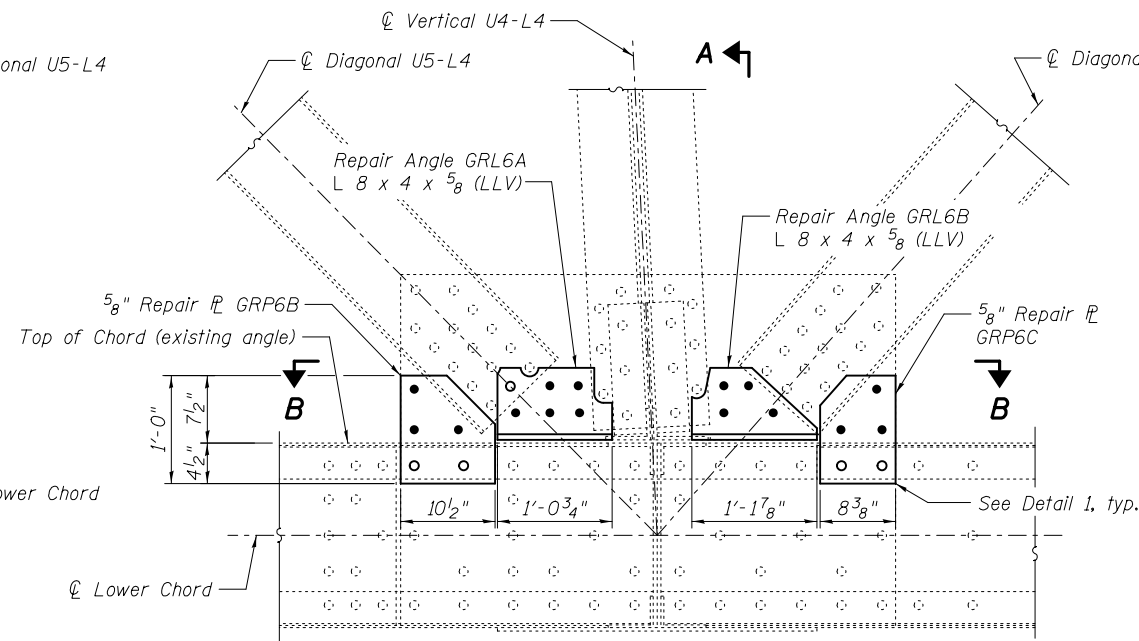
**GUSSET PLATE REPAIRS - 5
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER**

SHEET NO. 28 OF 112 SHEETS

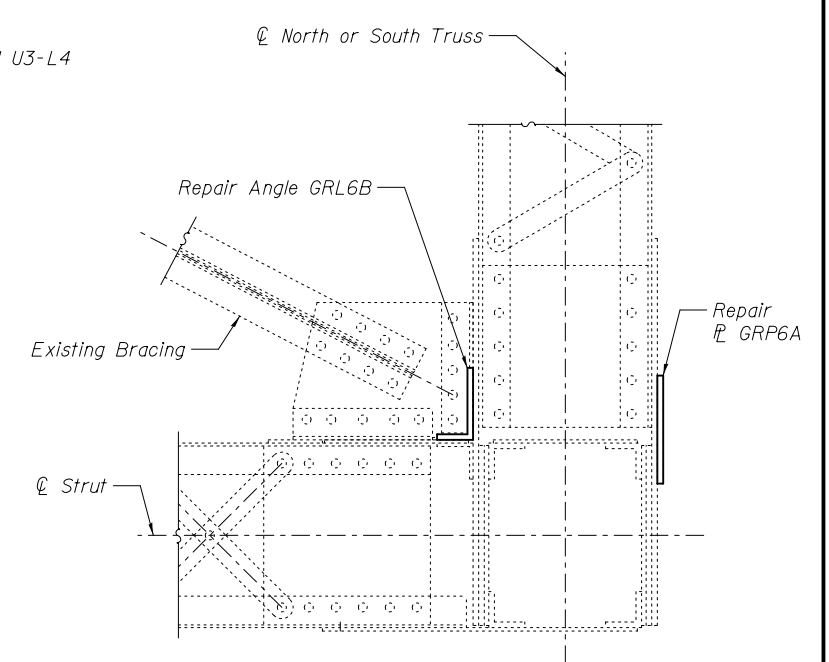
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	PEORIA/TAZEWELL	180	96
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



OUTSIDE ELEVATION



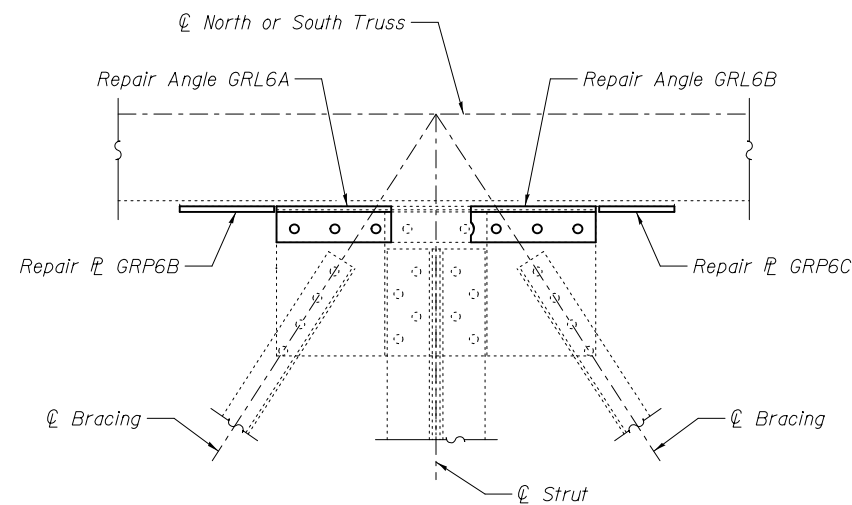
INSIDE ELEVATION



SECTION A-A

GUSSET PLATE L4

Field cut/cope new materials to accommodate existing fasteners not used in repair, as required.



SECTION B-B

REPAIR LOCATIONS

Span	Joint	Truss	Inner PL	Outer PL
10	L4	North	1*	1
10	L4	South	1	N/A
11	L4	North	1	1
11	L4	South	1	1
12	L4	North	1	1
12	L4	South	N/A	1
16	L4	North	1	1
16	L4	South	1	1
17	L4	North	1	N/A
17	L4	South	1	N/A

* GRL6B not required. Existing repair angle to remain in place.

LEGEND

- Existing fastener to remain
- New 7/8" φ A325 bolt in new 15/16" φ hole (shop or field drilled)
- Replace existing fastener with new 7/8" φ A325 bolt in existing hole. Holes in new material shall be field drilled using existing members as a template.

Notes:
 For gusset repair general notes and procedures, see Sheet 23 of 112.
 The Contractor shall field verify existing conditions, including gusset plates, connection plates, connection angles, miscellaneous steel and layout of the fastener holes prior to ordering new materials.
 For Detail 1 (Sealant), see Sheet 23 of 112.

BILL OF MATERIAL

Item	Unit	Total
Structural Steel Repair	Pound	2050



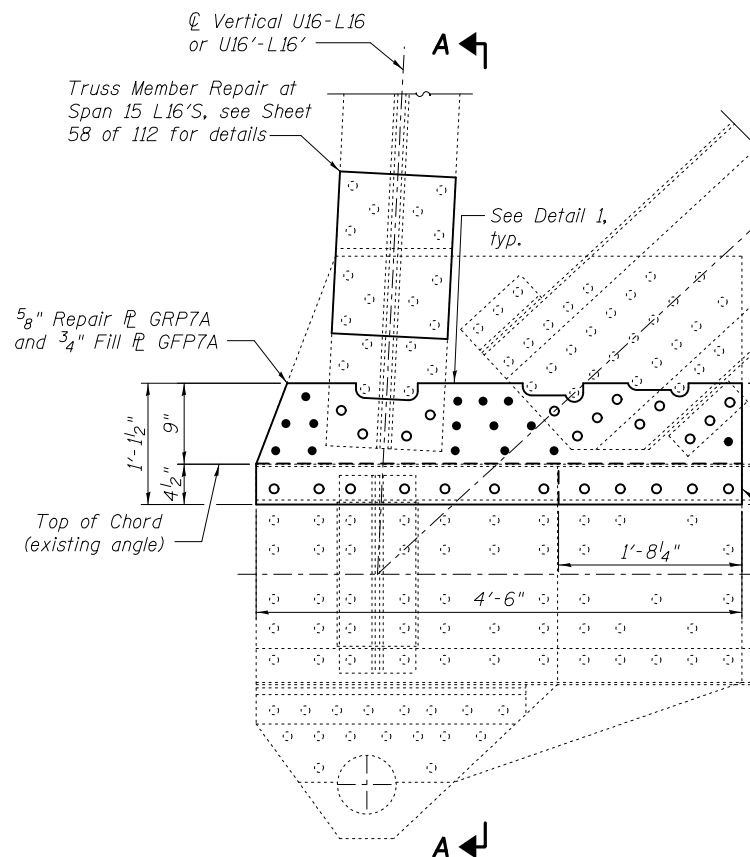
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

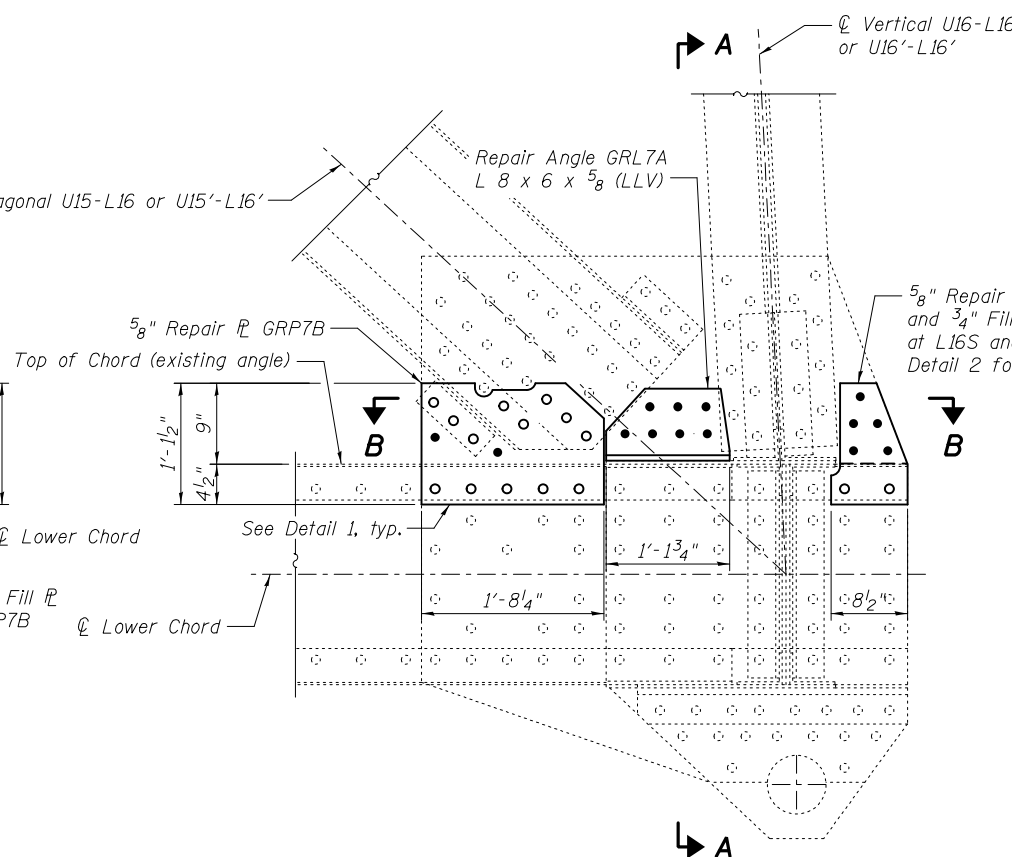
GUSSET PLATE REPAIRS - 6
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 29 OF 112 SHEETS

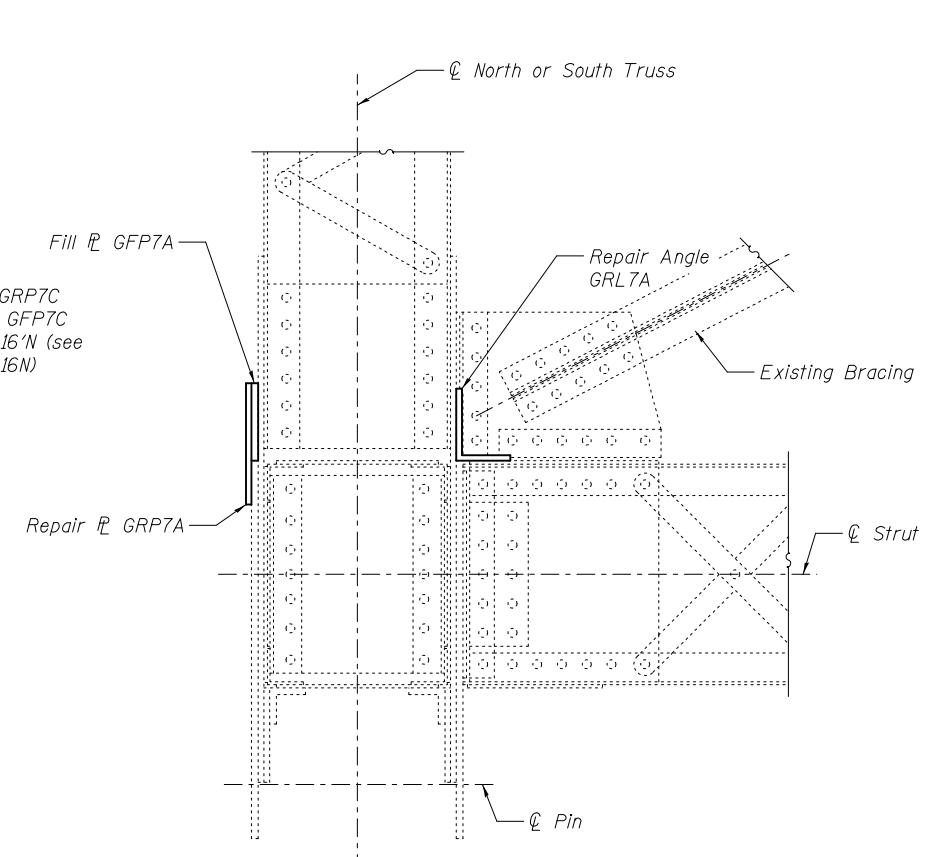
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	PEORIA/TAZEWELL	180	97
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



OUTSIDE ELEVATION



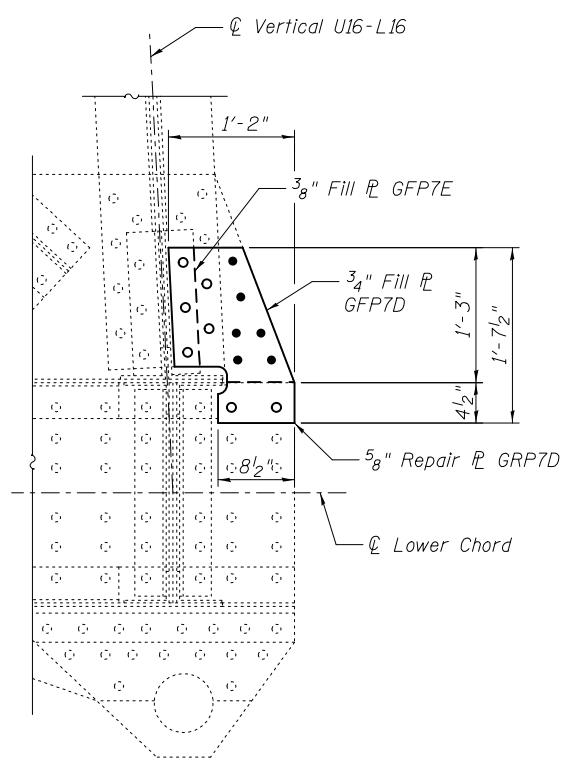
INSIDE ELEVATION



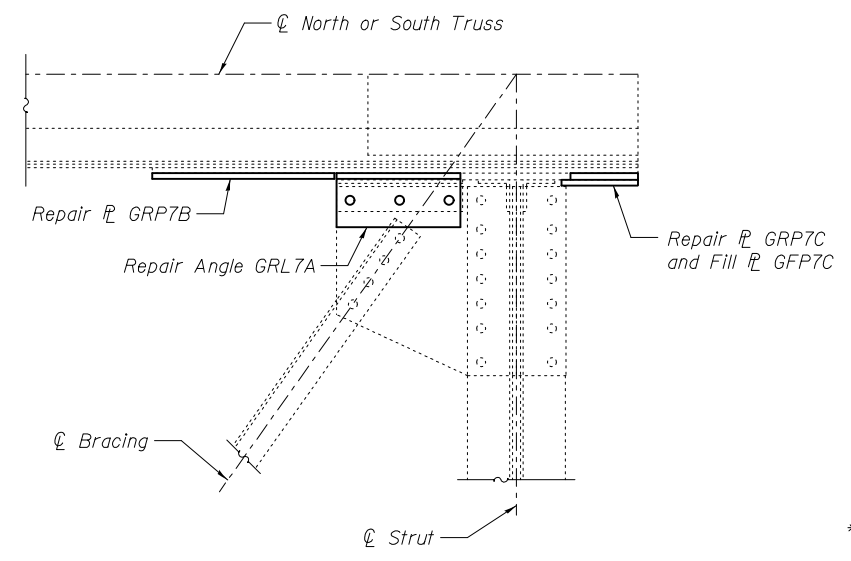
SECTION A-A

GUSSET PLATE L16 AND L16'

Field cut/cope new materials to accommodate existing fasteners not used in repair, as required.



DETAIL 2
(at L16N only)



SECTION B-B

REPAIR LOCATIONS

Span	Joint	Truss	Inner PL	Outer PL
13	L16	North	1*	1
13	L16	South	1*	1
15	L16'	North	1**	1
15	L16'	South	N/A	1

* GRL7A not required. Existing repair angle to remain in place.
 ** Remove existing repair angle. Reuse existing holes and modify proposed fastener layout to accommodate additional fasteners in accordance with gusset repair procedures.

LEGEND

- ◊ Existing fastener to remain
- New 7/8" φ A325 bolt in new 15/16" φ hole (shop or field drilled)
- Replace existing fastener with new 7/8" φ A325 bolt in existing hole. Holes in new material shall be field drilled using existing members as a template.

Notes:
 For gusset repair general notes and procedures, see Sheet 23 of 112.
 The Contractor shall field verify existing conditions, including gusset plates, connection plates, connection angles, miscellaneous steel and layout of the fastener holes prior to ordering new materials.
 For Detail 1 (Sealant), see Sheet 23 of 112.

BILL OF MATERIAL

Item	Unit	Total
Structural Steel Repair	Pound	1570



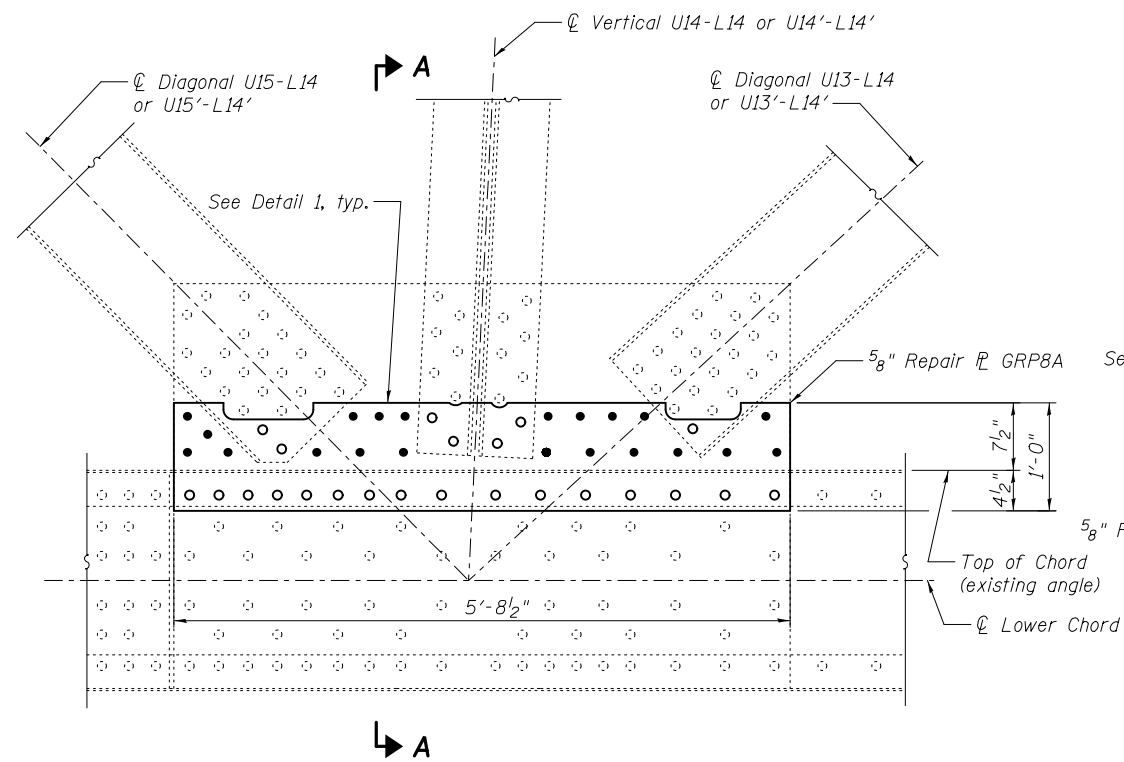
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PLOT DATE = 10/05/2015	CHECKED - RLM	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

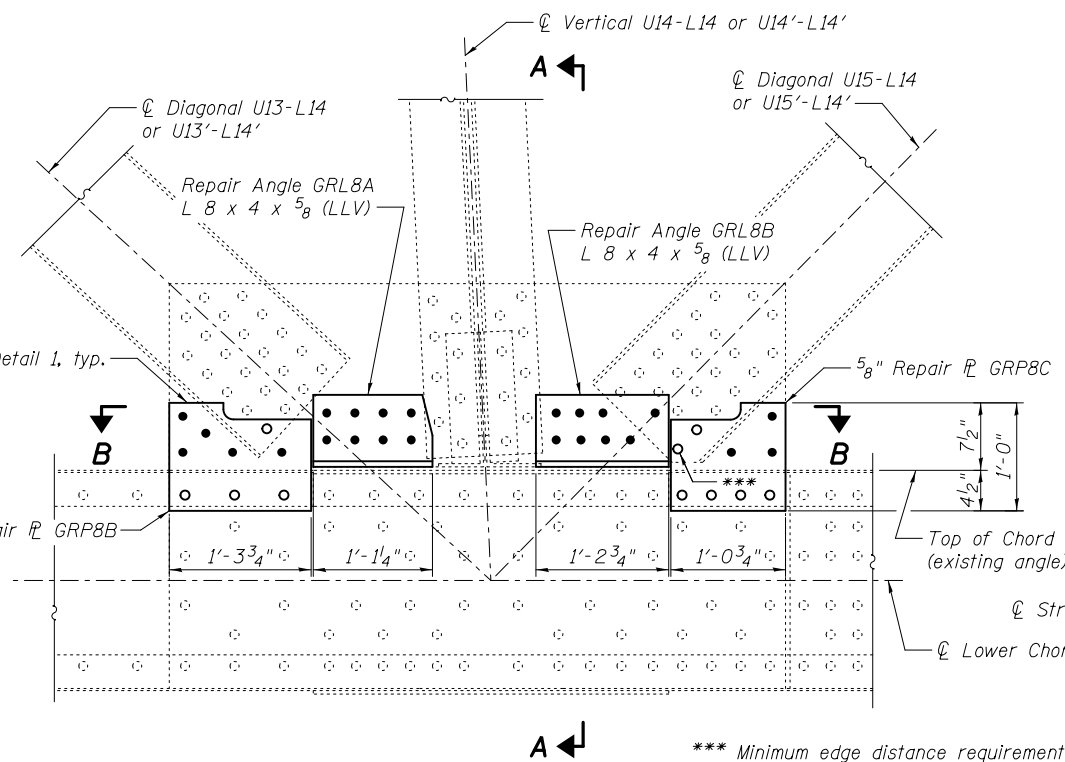
GUSSET PLATE REPAIRS - 7
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 30 OF 112 SHEETS

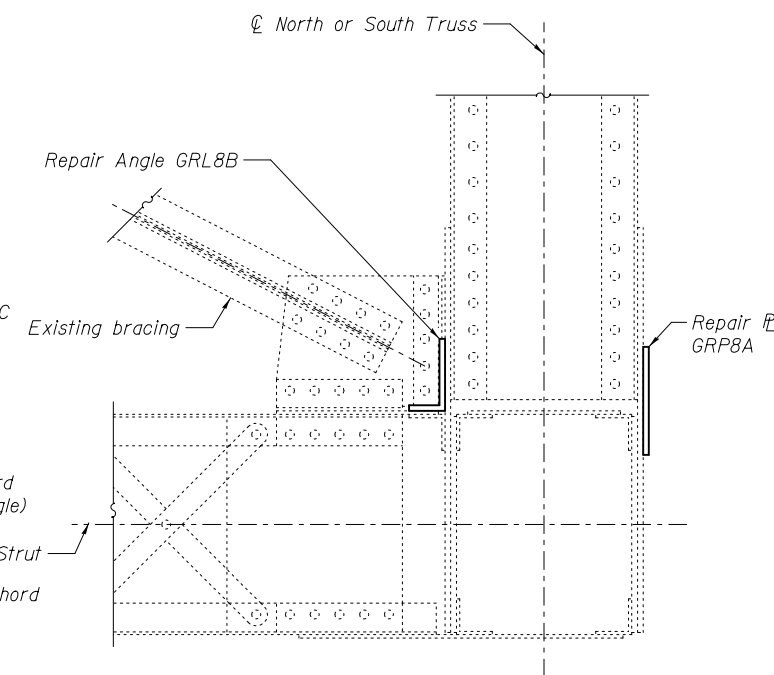
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	PEORIA/TAZEWELL	180	98
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



OUTSIDE ELEVATION



INSIDE ELEVATION

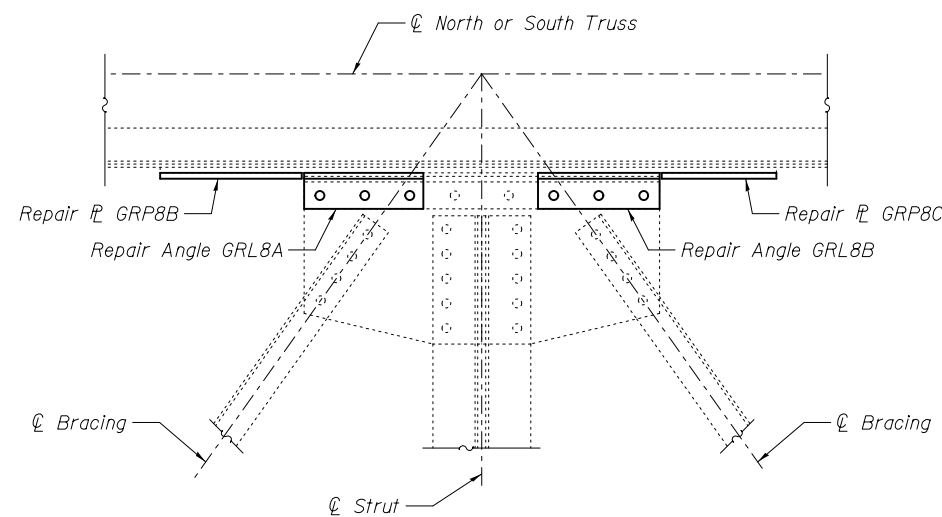


SECTION A-A

*** Minimum edge distance requirement cannot be met at this location.

GUSSET PLATE L14 AND L14'

Field cut/cope new materials to accommodate existing fasteners not used in repair, as required.



SECTION B-B

REPAIR LOCATIONS

Span	Joint	Truss	Inner PL	Outer PL
13	L14	North	1*	1
13	L14	South	1**	1
15	L14'	North	1	1
15	L14'	South	N/A	1

* GRL8A and GRL8B not required. Existing repair angles to remain in place.

** GRL8A not required. Existing repair angle to remain in place.

LEGEND

- ◊ Existing fastener to remain
- New 7/8" φ A325 bolt in new 15/16" φ hole (shop or field drilled)
- Replace existing fastener with new 7/8" φ A325 bolt in existing hole. Holes in new material shall be field drilled using existing members as a template.

Notes:
 For gusset repair general notes and procedures, see Sheet 23 of 112.
 The Contractor shall field verify existing conditions, including gusset plates, connection plates, connection angles, miscellaneous steel and layout of the fastener holes prior to ordering new materials.
 For Detail 1 (Sealant), see Sheet 23 of 112.

BILL OF MATERIAL

Item	Unit	Total
Structural Steel Repair	Pound	1080



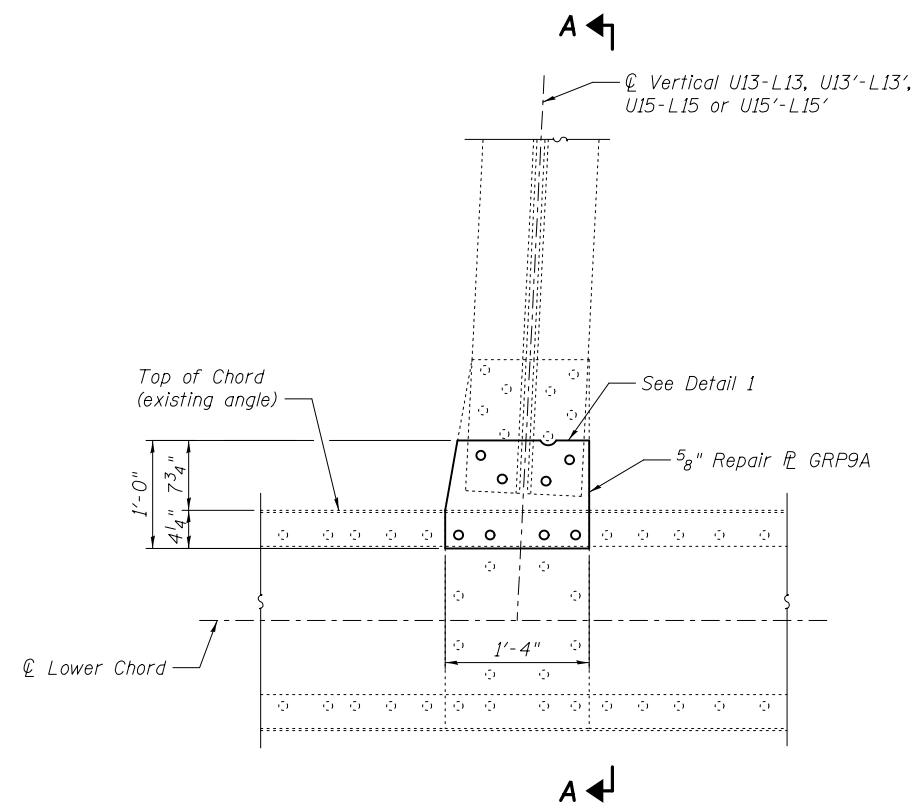
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PLOT DATE = 10/05/2015	CHECKED - RLM	REVISED

STATE OF ILLINOIS
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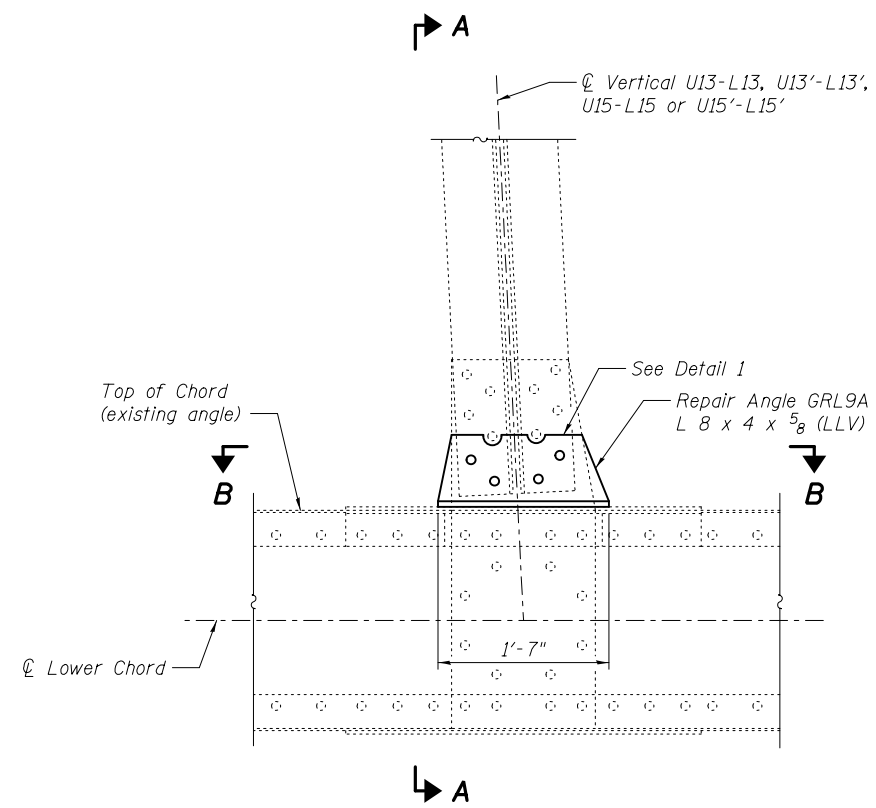
GUSSET PLATE REPAIRS - 8
 S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 31 OF 112 SHEETS

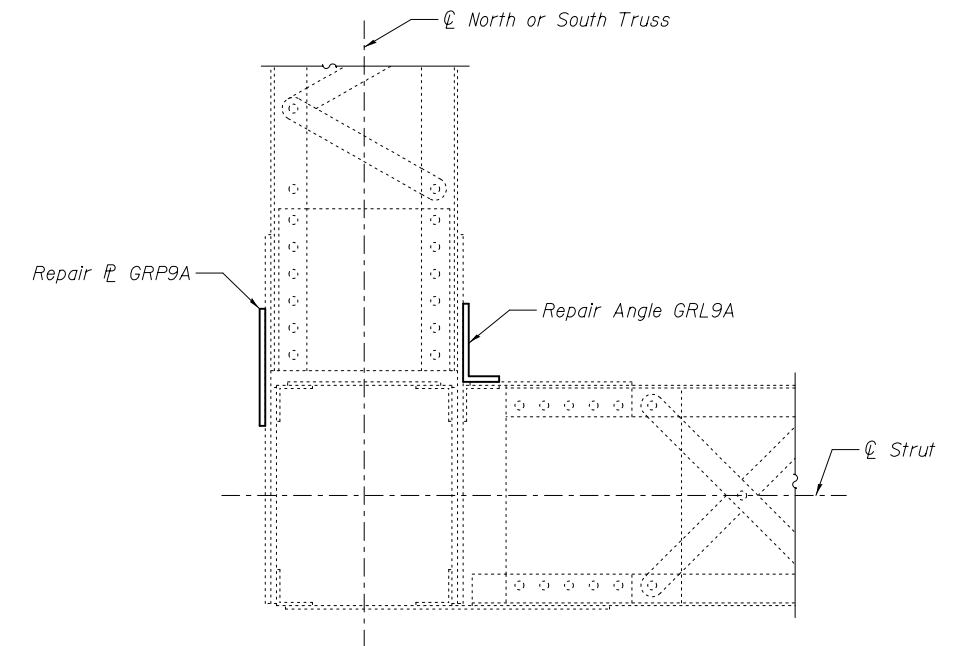
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	PEORIA/TAZEWELL	180	99
CONTRACT NO. 68A93				
ILLINOIS FED. AID PROJECT				



OUTSIDE ELEVATION



INSIDE ELEVATION



SECTION A-A

GUSSET PLATE L13, L13', L15 AND L15'

Field cut/cope new materials to accommodate existing fasteners not used in repair, as required.

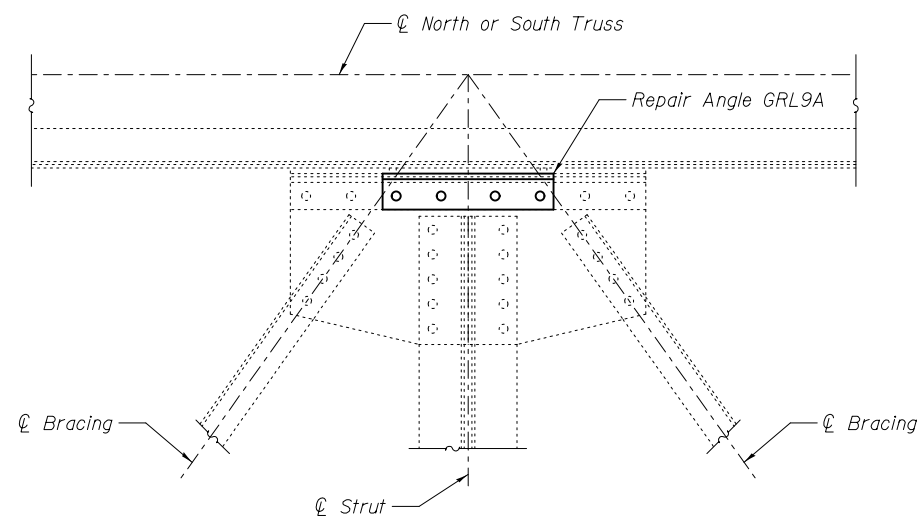
LEGEND

- ◊ Existing fastener to remain
- New 7/8" φ A325 bolt in new 15/16" φ hole (shop or field drilled)
- Replace existing fastener with new 7/8" φ A325 bolt in existing hole. Holes in new material shall be field drilled using existing members as a template.

Notes:
 For gusset repair general notes and procedures, see Sheet 23 of 112.
 The Contractor shall field verify existing conditions, including gusset plates, connection plates, connection angles, miscellaneous steel and layout of the fastener holes prior to ordering new materials.
 For Detail 1 (Sealant), see Sheet 23 of 112.

REPAIR LOCATIONS

Span	Joint	Truss	Inner PL	Outer PL
13	L13	North	N/A	1
13	L13	South	1	1
15	L13'	North	1	1
15	L13'	South	N/A	1
13	L15	North	N/A	1
13	L15	South	N/A	1
15	L15'	North	1	N/A
15	L15'	South	1	N/A



SECTION B-B

BILL OF MATERIAL

Item	Unit	Total
Structural Steel Repair	Pound	430



USER NAME =	DESIGNED - ZWE	REVISED
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PLOT SCALE =	DRAWN - PRC	REVISED
PLOT DATE = 10/05/2015	CHECKED - RLM	REVISED

STATE OF ILLINOIS
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GUSSET PLATE REPAIRS - 9
S.N. 090-0030 CEDAR STREET BRIDGE OVER ILLINOIS RIVER

SHEET NO. 32 OF 112 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(103B)I-7	PEORIA/TAZEWELL	180	100
CONTRACT NO. 68A93				

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