02-28-14 LETTING ITEM 081

FOR INDEX OF SHEETS, SEE SHEET 2 FOR SUMMARY OF QUANTITIES, SEE SHEETS 3–5 STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

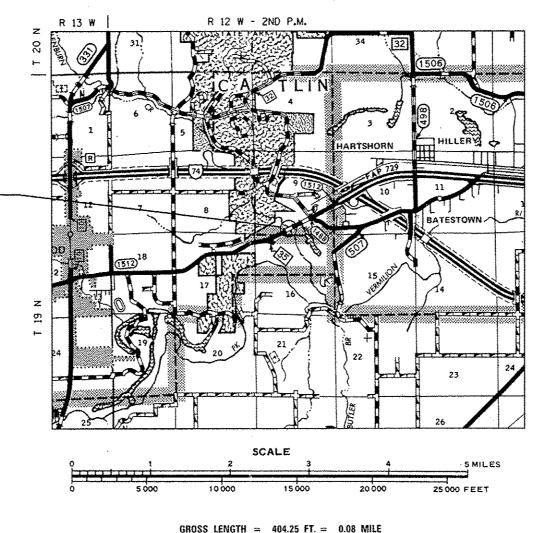
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

F.A.S. ROUTE 1512 (US-150) SECTION: 36 BDR

BRIDGE DECK REPAIRS MIDDLE FORK VERMILION RIVER WEST OF DANVILLE VERMILION COUNTY

C-95-002-12



NET LENGTH = 404.25 FT. = 0.08 MILE

2011 ADT = 3,550 2031 ADT = 4,100 PU + PC % = 92.0 SU % = 5.8

MU%

CURRENT

TRAFFIC DATA

DESIGN DESIGNATION MAJOR COLLECTOR

= 2.2

EXISTING S.N. 092-0050 F.A.S. 1512 (US-150) STATION 1362+32.35

OVER MIDDLE FORK VERMILION RIVER PROPOSED B-SMART STRUCTURE REPAIRS

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

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

PROJECT ENGINEER: TIM BRANDENBURG PROJECT MANAGER: GARY SIMS 217-465-4181

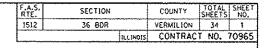
CONTRACT NO. 70965

0

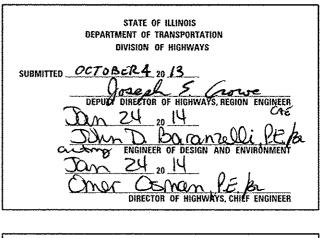
0

Ο

Ο







Ν

(5

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

s

HEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF STANDARDS
2	GENERAL NOTES
3-5	SUMMARY OF QUANTITIES
6	GENERAL PLAN & ELEVATION
7	DECK CROSS SECTIONS
8	STAGE CONSTRUCTION DETAILS
9	WEARING SURFACE AND OVERLAY PLAN
10	WATERPROOFING MEMBRANE SYSTEM
11-13	DECK SLAB AND APPROACH REPAIR PLAN
14	CONCRETE REMOVAL PLAN
15	SUPERSTRUCTURE REPAIR PLAN
16	SUPERSTRUCTURE REPAIR DETAILS
17	PREFORMED JOINT STRIP SEAL DETAILS
18	FLOOR DRAIN DETAILS
19-20	BEARING REPLACEMENT DETAILS
21	BAR SPLICER ASSEMBLY DETAILS

- 22 TEMPORARY WATER FILLED BARRIER LAYOUT
- 23 WIDTH RESTRICTION SIGNING
- 24-30 AS-BUILT PLANS FOR INFORMATION ONLY
- 31-34 PAVEMENT MARKING AND MARKERS (RURAL AND URBAN APPLICATIONS)

LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L. 2W, 15' (4.5m) TO 24" (600mm)
	FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY,
	FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT-TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701321-13	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701901-03	TRAFFIC CONTROL DEVICES
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
	-

GENERAL NOTES

<u>G.N.-100</u>

ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-100A

ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

<u>G.N.-406</u>

THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N.-406H

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	US-150	US-150
MIXTURE USE	SURFACE COURSE	CLASS D PATCHING
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	See RAP-RAS (BDE) Spec. Prov.	See RAP-RAS (BDE) Spec. Prov.
DESIGN AIR VOIDS	4.0% @ Ndes=50	4.0% @ Ndes=50
MIX COMP (GRADATION)	IL 9,5	IL 19.0
FRICTION AGGREGATE	MIX C	N.A.

<u>G.N.-442B</u>

THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-781

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

NO COMMITMENTS

FILE NAME *	USER NAME ° everlockjd	DESIGNED - GMS	REVISED -		INDEX OF SHEETS,	F.A.S.	SECTION	COUNTY	TOTAL SHEET
o1/p=_=ork/p=idat/ceerlack_d/d2288772/C	578965-sht-gennate.dgn	DRAWN - CMS	REVISED -	STATE OF ILLINOIS	LIST OF STANDARDS & GENERAL NOTES	1512	368DR	VERMILION	34 2
	PLOT SCALE = 48.2021 1 / 10.	CHECKED -	REVISEO -	DEPARTMENT OF TRANSPORTATION				CONTRACT	NO. 70965
	PLOT DATE + 18/3/2813	DATE -	REVISED ~			FED. ROAD DIST	NO. ILLINOIS FEO.	ALD PROJECT	

						Andrewson (1997)
			FAS 1512 (US-150)			
			VERMILION CO.			
			RURAL			
			TWO-LANE			
			100% STATE			
			S.N. 092-0050			
		CONSTRUCTION	TYPE CODE: 0014			
CODE NO	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY			
40500400						
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	11.0			
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	110.0			
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	107.0			
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SO YD	30.0			
50102400	CONCRETE REMOVAL	CU YD	9.1			
50300100	FLOOR DRAINS	EACH	22.0			
50300255	CONCRETE SUPERSTRUCTURE	CU YD	10. 2			
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	1690. 0			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1230. 0			
50800515	BAR SPLICERS	EACH	22.0			
52000110	PREFORMED JOINT STRIP SEAL	FOOT	66. 0			
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	5.0			
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	5.0			
52100520	ANCHOR BOLTS, 1"	EACH	20.0			
REVISED -			AF ANALYSISA	F.A.S. RTE.	SECTION	COUNTY TOTAL SHEETS
REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY	OF QUANTITIES	1512	36 BDR	VERMILION 34 CONTRACT NO. 70

5%

ŀ	Max At some of .	- indiat state of	DECIONED	GMS	OFUICED		· · · · · · · · · · · · · · · · · · ·	1		
	FILE NAME =	USER NAME = eeerlackjd	DESIGNED -	UMS	REVISED	-				
	c:\pw_work\pwidot\cearlockjd\d8288772\0	570955-sht-SDO.dgn	DRAWN ~	GMS	REVISED	-	STATE OF ILLINOIS		SUMMARY OF	F QUANT
		PLOT SCALE = 42.2001 1 / an.	CHECKED -		REVISED	-	DEPARTMENT OF TRANSPORTATION			
		PLOT DATE + 2/25/28:3	DATE -		REVISED	^				

		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		
			FAS 1512 (US-150)	
			VERMILION CO.	
			RURAL	
			TWO-LANE	
			100% STATE	
			S.N. 092-0050	
	·	CONSTRUCTIO	N TYPE CODE: 0014	
CODE NO	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
£ 0 4 0 0 0 0 0				
58100200	WATERPROOFING MEMBRANE SYSTEM	SO YD	1205.0	
67100100	MOBILIZATION	L SUM	1.0	
70100405				
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1.0	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1.0	
70106700	TEMPORARY RUMBLE STRIPS	EACH	6.0	
· · · · · · · · · · · · · · · · · · ·				
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL :	3 EACH	2.0	
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2.0	
70800105	TEMPORARY WATER FILLED BARRIER	FOOT	662.5	
78001110	PAINT PAVEMENT MARKING - LINE4"	FOOT	1317.0	
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	6.0	
			· · ·	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	6.0	
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1.0	
	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SO YD	22.0	

* SPECIALTY ITEM

	FILE NAME -	USER NAME * seerlockje	DESIGNED - GMS	REVISED -			F.A.S.	SECTION	COUNTY TOTAL SHEET
	or/pw_work/pwidot/ceerlook_d/d0280772/05	78985•sht=200.dgn	ORAWN - CMS	REVISED -	STATE OF ILLINOIS	SUMMARY OF QUANTITIES	1512	36 BDR	VERMILION 34 4
		PLOT SCALE - 40.0001 / in.	CHECKED ~	REVISED -	DEPARTMENT OF TRANSPORTATION				CONTRACT NO. 70965
Į		PLOT DATE - 10/3/2013	DATE -	REVISED -			FED. ROAD DIST	ILLINDIS FED. A	ID PROJECT

					FAS 1512 (US-150))		
					VERMILION CO.			
					RURAL			
					TWO-LANE			
					100% STATE		•	
					S.N. 092-0050			
				CONSTRUCTION	TYPE CODE: 0014			
CODE NO		ITEM DESCRIPTION		UNIT	TOTAL QUANTITY			
Z0001899		NOVE EXISTING BEARINGS		EACH				
20001033	JACK AND REI	NOVE EXISTING DEARINGS		EACH	10.0			
20002900	BASE COURSE	(OPTION)		SQ YD	153.0			
Z0004556	HOT-MIX ASP	HALT SURFACE REMOVAL (DECK)		SO YD	1199.0			
			** == ** *****************************					
Z0016001	DECK SLAB RI	EPAIR (FULL DEPTH, TYPE 1)		SO YD	8.0			
Z0016002	DECK SLAB R	PAIR (FULL DEPTH, TYPE 11)		SQ YD	25.0			
Z0016200	DECK SLAB RE	PAIR (PARTIAL)		SQ YD	90.0			
					· · · · · · · · · · · · · · · · · · ·			
				· · · · · · · · · · · · · · · · · · ·				
	······································	······································						
	-							
ECIALTY ITEM	S			, <u>, , , , , , , , , , , , , , , , </u>		F.A.S. ATE.	·····	
	1		1			2 4 2 1	SECTION	COUNTY TOTAL SHE

SPE	C 1	AL	TΥ	1 T	EMS

FILE NAME -	USER NAME × coarlookjd	DESIGNED - GMS	REVISED -		
ci/p=_er%\p=idot/ceerlaskjd\d\$288772\05	73985-sht-S00.dgn	DRAWN - GMS	REVISED -	STATE OF ILLINOIS	SUMMARY OF QUAN
	PLOT SCALE = 40.0001 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	
	PLOT DATE = 2/25/2013	DATE -	REVISED -		

FEG. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

THE EXISTING STRUCTURE WAS BUILT IN 1928 BY THE STATE OF ILLINOIS AS S.B.I. ROUTE 10, SECTION 36B-C AT STATION 201+00 IN VERMILION COUNTY. THE STRUCTURE WAS REHABILITATED IN 1977 WITH F.A. ROUTE 11, SECTION 36BR AT STATION 1362+32.35. WITH THAT SECTION, THE ORIGINAL STEEL THROUGH TRUSSES WERE REMOVED AND THE SUBSTRUCTURE UNITS WERE REBUILT TO ACCOMODATE A NEW WIDENED PLATE GIRDER WITH R.C. DECK SUPERSTRUCTURE. THE STRUCTURE CARRIES F.A.S. 1512 (US-150) OVER THE MIDDLE FORK VERMILION RIVER WEST OF DANVILLE,

THE SUPERSTRUCTURE CONSISTS OF A 7 1/2" R.C. DECK WITH A WATERPROOFING MEMBRANE SYSTEM AND A 1 1/2 " H.M.A. WEARING SURFACE SUPPORTED BY FIVE HAUNCHED WEATHERING STEEL PLATE GIRDERS WITH WEB DEPTHS VARYING FROM 54"-90". THE SUPERSTRUCTURE IS SUPPORTED BY TWO RETROFITTED COUNTERFORT ABUTMENTS AND TWO TAPERED STEM PIERS ON SPREAD FOOTINGS. THE STRUCTURE MEASURES '-357'-3" FROM BACK TO BACK OF ABUTMENTS. THE DECK HAS A CLEAR WIDTH OF 30'-6" FROM FACE TO FACE OF CURB AND AN OUT-TO-OUT WIDTH OF 34'-O".

METHOD OF CONSTRUCTION: STAGE CONSTRUCTION. SEE PROPOSED IMPROVEMENTS ON THIS SHEET.

PLOT DATE = 2/25/2013

DATE

2-21-2012

REVISED

. ELEVATIONS SHOWN HAVE BEEN TAKEN FROM AS-BUILT PLANS AND ARE PLATE GIRDER (WEB VARIES FROM 90" TO 54") INCLUDED FOR PERSPECTIVE ONLY. SLOPE -3.474% ELEV. 582.02* (ABUT. CAP) CELORICE LI ELEV. 569.64+ (ABUT, CAP) ACCEPTING H.W.E. 550.0. ELEV. 532.77. (TOP OF BLUE SHALE) ELEV. 532.77+ (TOP OF BLUE SHALE) ELEV. 530.77. ELEV. 530.77. RIPRAP SLOPE RIPRAP SLOPE ELEVATION PROTECTION PROTECTION VERMILL NERMILL 2F01 ¢ PIER 1 51.456.35 BACK W. APPR. PAVT. BACK E. APPR. PAVT. STA. 1360+34.23 STA. 1364+30.48 PIER 2 A. 1363 S.N. 092-0050 FAS 1512 (US-150) BACK E. ABUT. STA. 1364+10.98 BACK W. ABUT STA. 1360+53.73 P.G. ELEV. 583.724 ¢ STA. 1362+32.35 P.G. ELEV. 571.31. anderendendendendender ìol Karafaanaa ş STAGE I CONSTRUCTION 30 à 1362 ¢ FAS 1512 (US-150) & 136 1361 1363 STAGE CONSTRUCTION LINE STAGE II CONSTRUCTION -----,.0-,1 fandenedanedenedaned Reader ò 2'-4 /2" ¢ Brg. E. Abut. 2'-41/2" ¢ Brg. W. Abut. 100'-3" SPAN 1 152'-0" SPAN 2 100'-3" SPAN 3 357'-3" BACK TO BACK OF ABUTMENTS STOILCTUD, TO STRUCTURA S PROPOSED WORK PLAN DAVID CARL LICEN. PUZEY 1. REMOVE EXISTING WATERPROOFING MEMBRANE SYSTEM AND H.M.A. WEARING SURFACE ON DECK. MILL 1 1/2" OVER APPROACH PAVEMENTS. 081-005470 3. PERFORM PARTIAL AND FULL-DEPTH DECK SLAB REPAIR AND PARTIAL DEPTH **SPRINGFIELD** APPROACH SLAB REPAIR. ILLINOIS 4. REPLACE EXISTING ABUTMENT BEARINGS WITH ELASTOMERIC BEARING °. 9 é ASSEMBLIES. 5. REPLACE EXISTING EXPANSION JOINTS WITH PREFORMED JOINT STRIP SEALS. OF ILL REMOVE DECK DRAINS AND REPLACE WITH FLOOR DRAINS. 7. PLACE NEW WATERPROOFING MEMBRANE SYSTEM AND 1 1/2 " H.M.A. WEARING 1/23/14 SURFACE ON BRIDGE DECK. 8. PLACE H.M.A. OVERLAY ON APPROACH PAVEMENTS. 11/30/14 Expires FRE NAME . USER NAME + coorlocky DESIGNED -GMS REVISED **GENERAL PLAN & I** STATE OF ILLINOIS Indge Repairs SN 092-0950.don DRAWN GMS REVISED :\ow.work\owidat\ceerlock id S.N. 092~005 PLOT SCALE > 40.0001 1 / 10-CHECKED + REVISED DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION S.N. 092-0050

SCALE:

SHEET NO. 1 OF 25 SHEETS

TOTAL BILL OF MATERIALS

ITEM	UNIT	TOTAL
H.M.A. SURFACE REMOVAL (DECK)	SO YD	1199.0
H.M.A. SURFACE REMOVAL, 1 1/2"	SQ YD	107.0
CLASS D PATCHES, TYPE II, 12"	SQ YD	30.0
WATERPROOFING MEMBRANE SYSTEM	SQ YD	1205,0
BITUMINOUS MATERIALS (PRIME COAT)	GAL.	11.0
H.M.A. SURFACE CSE. MIX C, N-50	TON	110.0
DECK SLAB REPAIR (PARTIAL)	SO YD	90.0
DECK SLAB REPAIR (FULL-DEPTH, TYPE I)	SQ YD	8.0
DECK SLAB REPAIR (FULL-DEPTH, TYPE II)	SQ YD	25.0
APPROACH SLAB REPAIR (PARTIAL)	SQ YD	22.0
JACK AND REMOVE EXISTING BEARINGS	EACH	10.0
ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	5.0
ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	5.0
FURNISHING & ERECTING STRUCTURAL STEEL	POUND	1690.0
ANCHOR BOLTS, 1"	EACH	20.0
CONCRETE REMOVAL	CU YD	9.1
CONCRETE SUPERSTRUCTURE	CU YD	10.2
REINFORCEMENT, BARS (E)	POUND	1230.0
BAR SPLICERS	EACH	22.0
FLOOR DRAINS	EACH	22.0
PREFORMED JOINT STRIP SEAL	FOOT	66.0

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE 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 WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK

SEE SPECIAL PROVISION "DECK SLAB REPAIR" FOR ADDITIONAL REQUIREMENTS PERTAINING TO DECK SLAB REPAIR AND H.M.A. SURFACE REMOVAL (DECK).

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. COST INCLUDED WITH CONCRETE REMOVAL.

ALL STRUCTURAL STEEL SHALL CONFORM TO AASHTO CLASSIFICATION M-270, GR. 36, UNLESS OTHERWISE NOTED.

FASTENERS SHALL BE HIGH STRENGTH BOLTS. BOLTS 74", OPEN HOLES 1% ", UNLESS OTHERWISE NOTED.

PRIOR TO POURING THE NEW CONCRETE DECK, ALL HEAVY OR LOOSE RUST, LOOSE MILL SCALE, AND OTHER LOOSE OR POTENTIALLY DETRIMENTAL FOREIGN MATERIAL SHALL BE REMOVED FROM THE SURFACES IN CONTACT WITH THE CONCRETE. TIGHTLY ADHERED PAINT MAY REMAIN UNLESS OTHERWISE NOTED. REMOVAL SHALL BE ACCOMPLISHED BY METHODS THAT WILL NOT DAMAGE THE STEEL AND THE COST WILL BE INCLUDED IN THE PAY ITEM COVERING REMOVAL OF THE EXISTING CONCRETE.

EXISTING STRUCTURAL STEEL THAT WILL BE IN CONTACT WITH NEW STRUCTURAL STEEL SHALL BE CLEANED AND PAINTED PRIOR TO ERECTION AS REQUIRED BY THE SPECIAL PROVISION "CLEANING AND PAINTING CONTACT AREAS OF EXISTING STEEL STRUCTURES".

ALL STRUCTURAL STEEL SHALL BE SHOP PAINTED WITH THE INORGANIC ZINC RICH PRIMER PER AASHTO M300, TYPE I. COST INCLUDED WITH FURNISHING AND ERECTING STRUCTURAL STEEL.

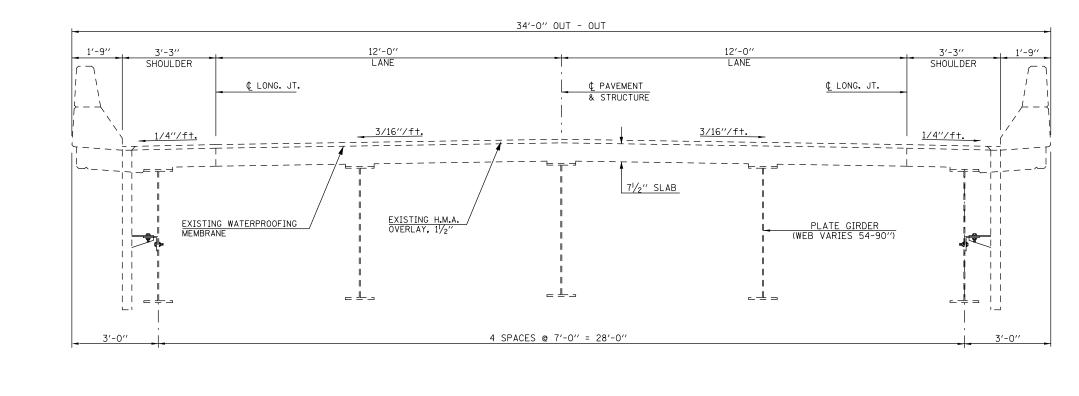
IF THE ANALYSIS SUBMITTED TO THE CONTRACTOR FOR THE JACKING/TEMPORARY SUPPORT SYSTEM TO BE USED SHOWS TEMPORARY STIFFENERS ARE REQUIRED TO PREVENT WEB CRIPPLING OR BUCKLING, THE STIFFENERS SHALL BE STEEL AND BOLTED TO THE WEB. IF STIFFENERS ARE NOT REQUIRED, HARDWOOD TIMBERS SHALL BE INSTALLED TIGHTLY BETWEEN THE TOP AND BOTTOM FLANGE TO PREVENT FLANGE ROTATION.

JOINT OPENINGS SHALL BE ADJUSTED ACCORDING TO ARTICLE 520.04 OF THE STD. SPECS. WHEN THE DECK IS POURED AT AN AMBIENT TEMPERATURE OTHER THAN 50%.

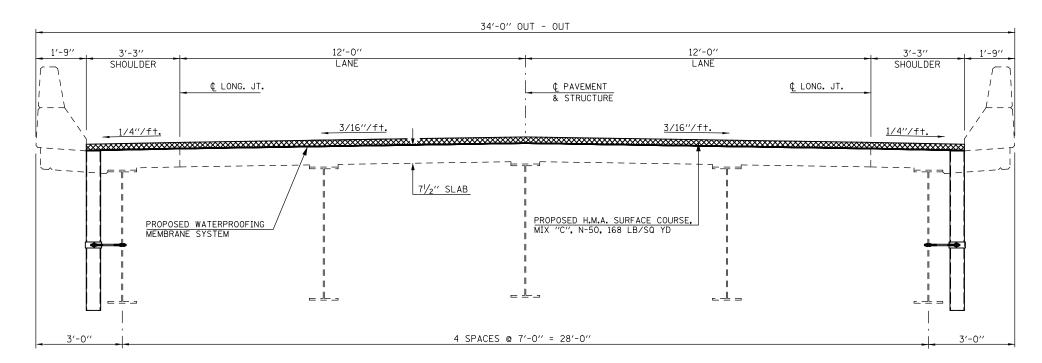
THE EXISTING STRUCTURE HAS BEEN FOUND TO CONTAIN NO ASBESTOS.

ELEVATION	F.A.S. RTE.	SEC	ION	COUNTY	TOTAL SHEETS	SHEET NO.
50	1512	368	OR	VERMILION	34	6
				CONTRAC	T NO.	70965
STA. TO STA.	FED. RO	AD DIST. NO.	ILLINOIS FED. /	10 PROJECT		

EXISTING DECK CROSS SECTION S.N. 092–0050

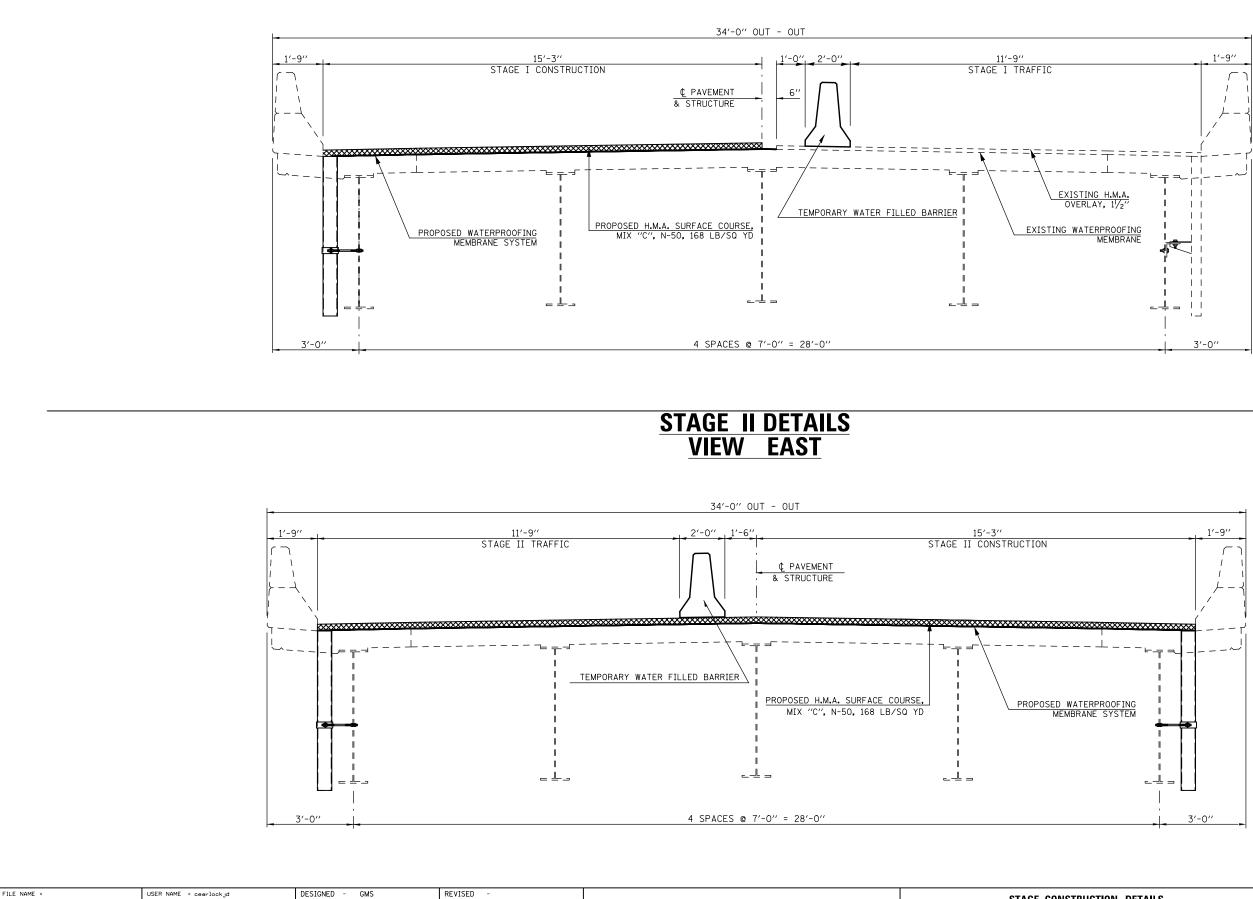


PROPOSED DECK CROSS SECTION S.N. 092–0050

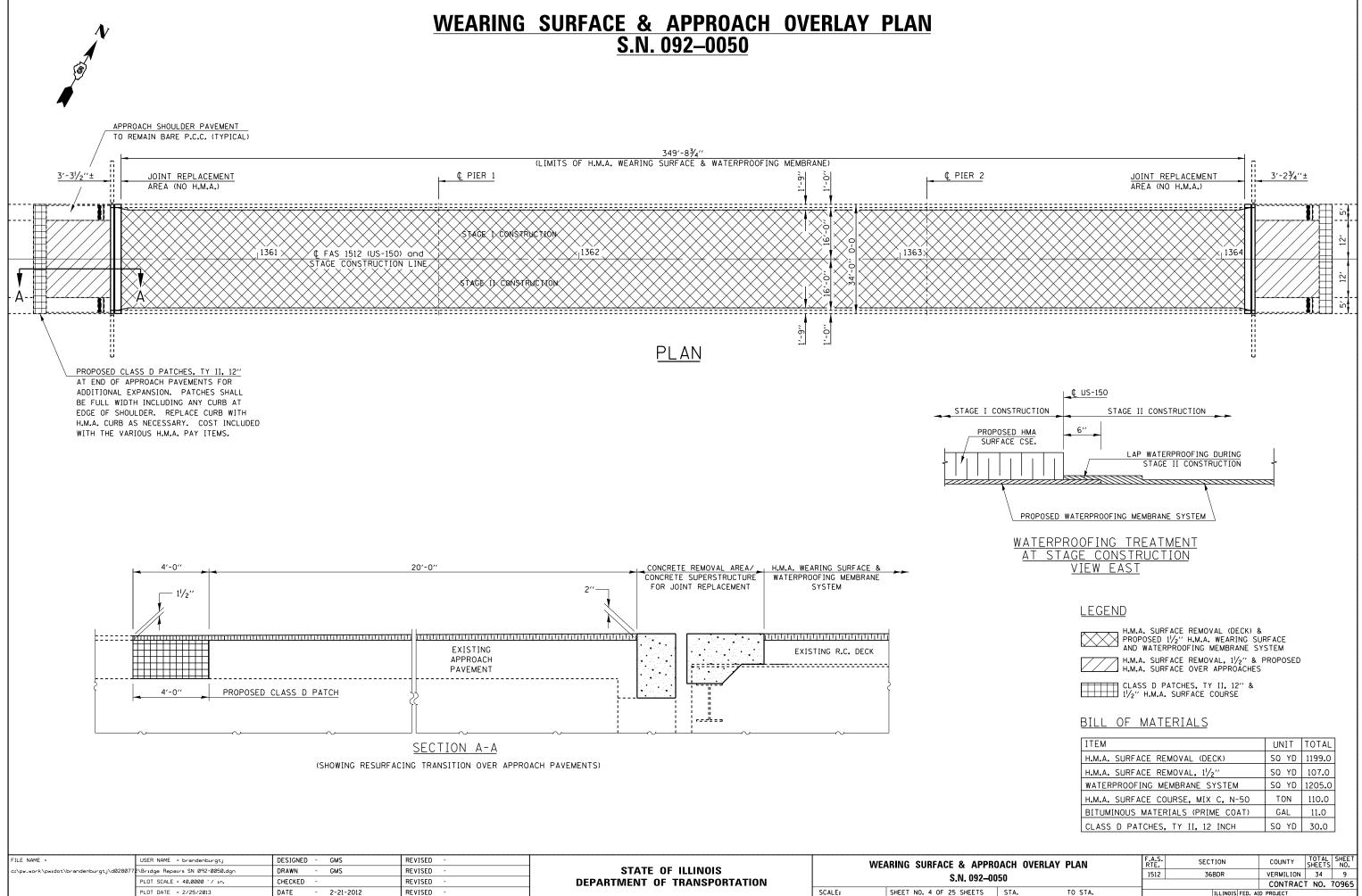


FILE NAME =	USER NAME = cearlockjd	DESIGNED - GMS	REVISED -			DECK CROSS S	ECTIONS		F.A.S.	SECTION	COUNTY T	TOTAL SHEET
c:\pw_work\pwidot\cearlockjd\d0280772\E	ridge Repairs SN 092-0050.dgn	DRAWN - GMS	REVISED -	STATE OF ILLINOIS		S.N. 092–00			1512	36BDR	VERMILION	34 7
	PLOT SCALE = 40.0001 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		5.14. 092-0	190				CONTRACT	NO. 70965
	PLOT DATE = 2/25/2013	DATE - 2-21-2012	REVISED -		SCALE:	SHEET NO. 2 OF 25 SHEETS	STA.	TO STA.	FED. ROAD DIS	. NO. ILLINOIS F	ED. AID PROJECT	

STAGE I DETAILS VIEW EAST

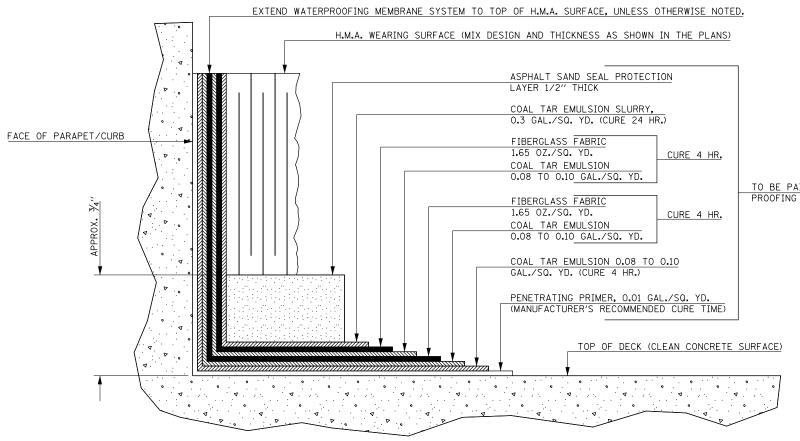


FILE NAME = USER NAME = cearlock_id DESIGNED - GMS REVISED -	
	SHEETS NO
	34 8
	CT NO. 70965
PLOT DATE = 2/25/2013 DATE 2-21-2012 REVISED REVISED STA. TO STA. FED. ROAD DIST. NO. ILLINDIS FED. AID PROJECT	



50		1512	500011		VERMILION	54	5
50					CONTRAC	Γ NO.	70965
STA.	TO STA.		ILLINOIS FE	D. AI	D PROJECT		

WATERPROOFING MEMBRANE SYSTEM S.N. 092–0050

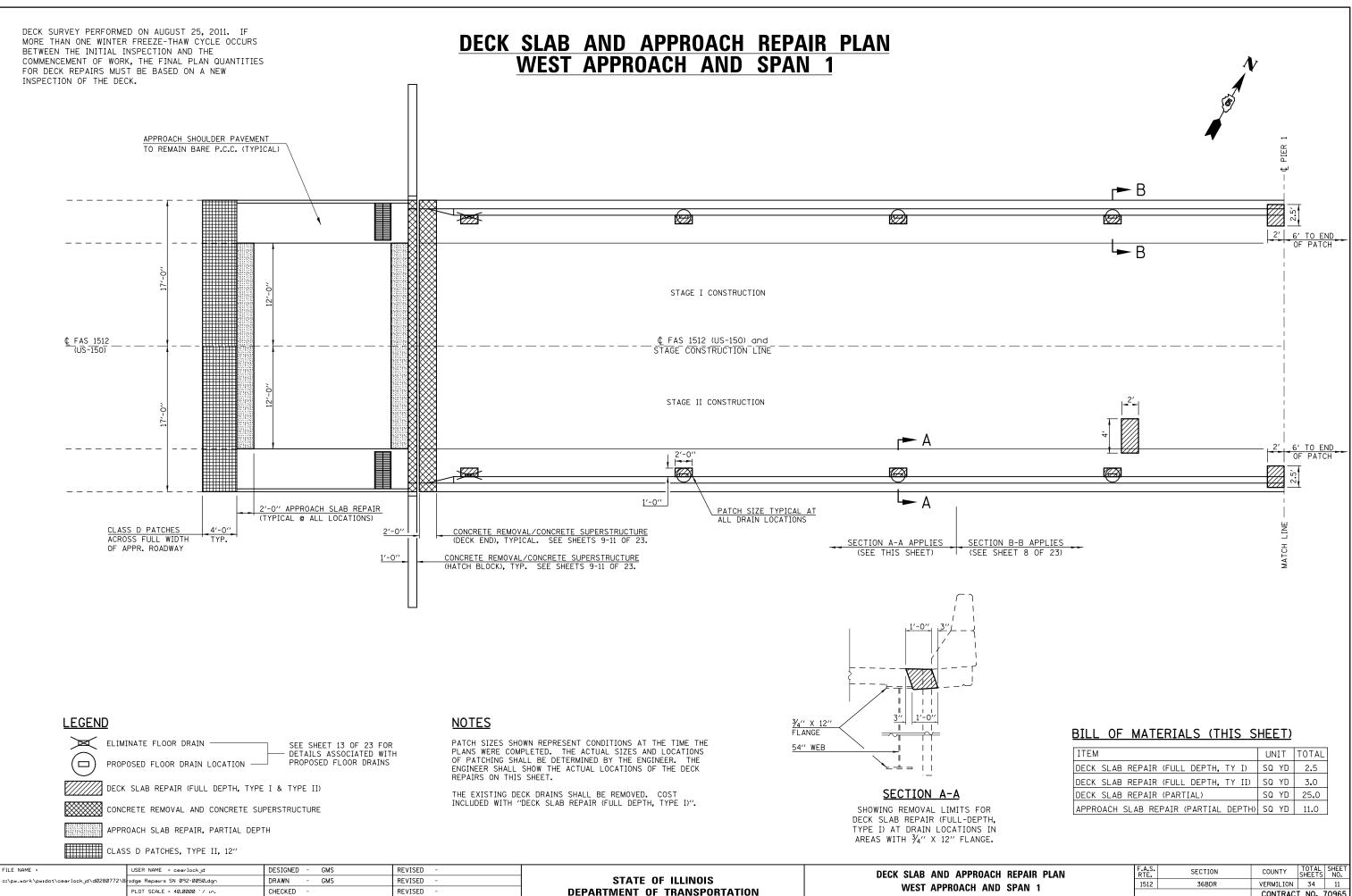


FILE	E NAME =	USER NAME = cearlockjd	DESIGNED - GMS	REVISED -			WATERPROOFING MEMBRANE SYSTEM		F.A.S.	SECTION		TOTAL SHEET
c:/t	pw_work\pwidot\cearlockjd\d0280772\B	idge Repairs SN 092-0050.dgn	DRAWN - GMS	REVISED -	STATE OF ILLINOIS				1512	36BDR	VERMILION	34 10
		PLOT SCALE = 40.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		S.N. 092–0050				CONTRACT	NO. 70965
		PLOT DATE = 2/25/2013	DATE - 2-21-2012	REVISED -		SCALE:	SHEET NO. 5 OF 25 SHEETS STA. TO	O STA.		ILLINOIS FED. A	ID PROJECT	

TO BE PAID FOR AS WATER-PROOFING MEMBRANE SYSTEM

<u>NOTES</u>

THIS DETAIL HAS BEEN INCLUDED TO ILLUSTRATE THE ASSOCIATED LAYERS AND CURE TIMES NECESSARY FOR THE PLACEMENT OF THE WATERPROOFING MEMBRANE SYSTEM. THIS DETAIL SHALL SUPPLEMENT, NOT SUPERSEDE, SECTION 581 OF THE STANDARD SPECIFICATIONS.



PLOT DATE = 2/25/2013

DATE

2-21-2012

REVISED

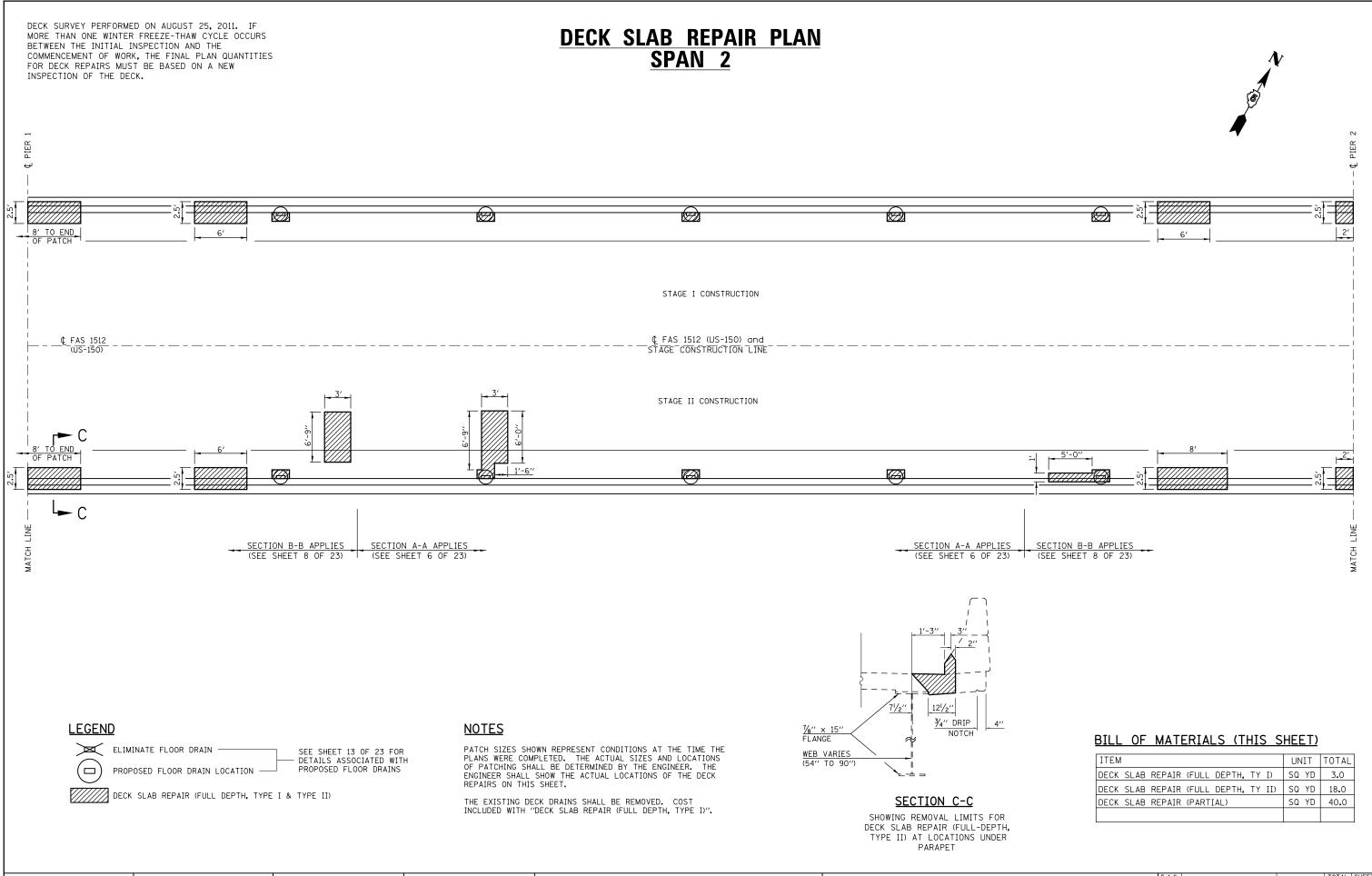
SCALE:

SHEET NO. 6 OF 25 SHEETS

DECK SLAB REPAIR (FULL DEPTH, TY II)SQ YDDECK SLAB REPAIR (PARTIAL)SQ YDAPPROACH SLAB REPAIR (PARTIAL DEPTH)SQ YD
APPROACH SLAB REPAIR (PARTIAL DEPTH) SQ YD

CH REPAIR PLAN	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ND SPAN 1	1512	36BDR	VERMILION	34	11
			CONTRAC	T NO.	70965
STA. TO STA.		ILLINOIS FED. A	D PROJECT		

SPAN 2



FILE NAME =	USER NAME = cearlockjd	DESIGNED - GMS	REVISED -			DECK SLAB REPAIR PLAN	F.A.S. RTF.	SECTION	COUNTY TOTAL SHEET
c:\pw_work\pwidot\cearlockjd\d0280772\B	udge Repairs SN 092-0050.dgn	DRAWN - GMS	REVISED -	STATE OF ILLINOIS		SPAN 2	1512	36BDR	VERMILION 34 12
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		JFAN Z			CONTRACT NO. 70965
	PLOT DATE = 2/25/2013	DATE - 2-21-2012	REVISED -		SCALE:	SHEET NO. 7 OF 25 SHEETS STA. TO STA.		ILLINOIS FED. A	AID PROJECT

ITEM	UNIT	TOTAL
DECK SLAB REPAIR (FULL DEPTH, TY I)	SQ YD	3.0
DECK SLAB REPAIR (FULL DEPTH, TY II)	SQ YD	18.0
DECK SLAB REPAIR (PARTIAL)	SQ YD	40.0

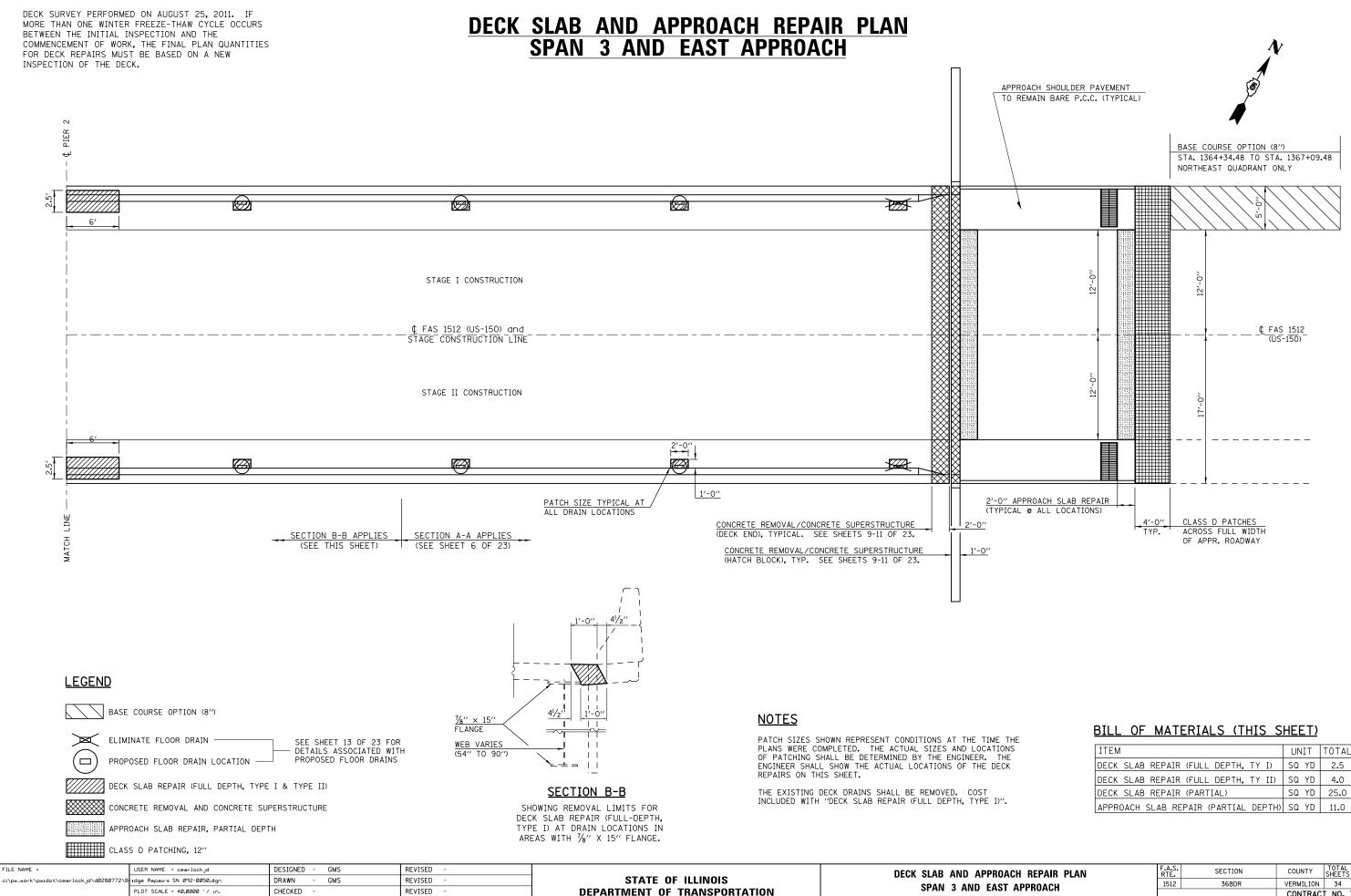
PLOT DATE = 2/25/2013

DATE

2-21-2012

REVISED

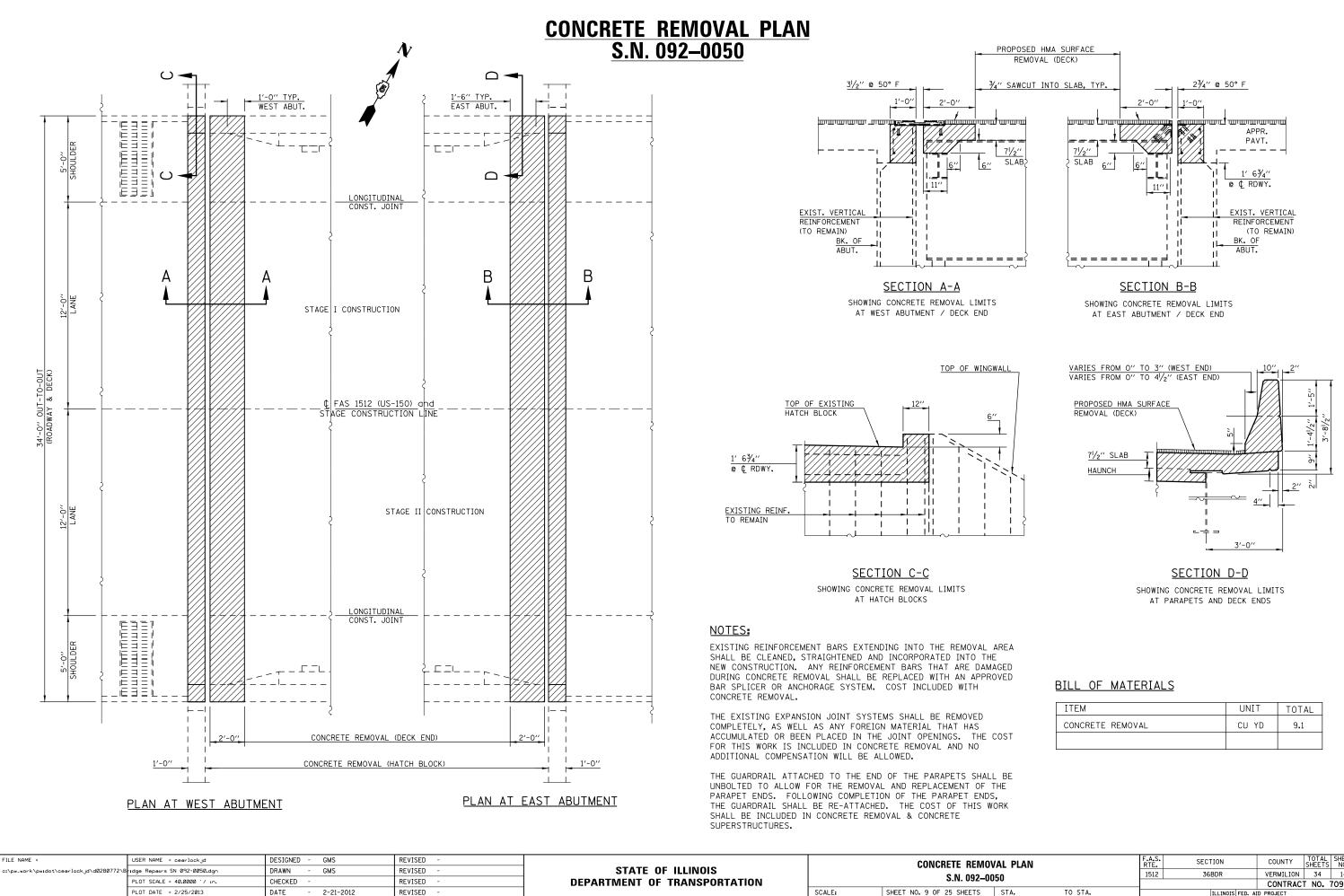
SPAN 3 AND EAST APPROACH



SCALE: SHEET NO. 8 OF 25 SHEETS

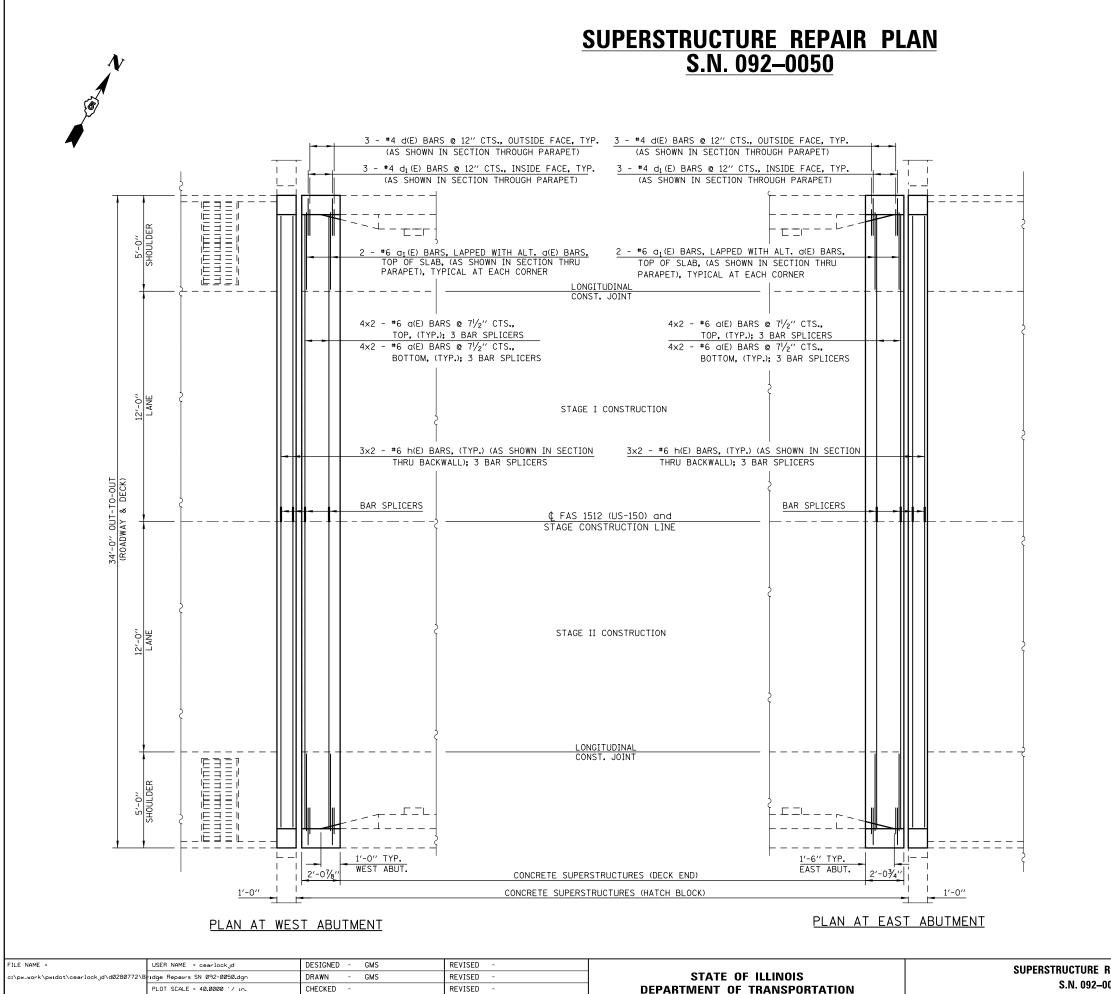
ITEM	UNIT	TOTAL
DECK SLAB REPAIR (FULL DEPTH, TY I)	SQ YD	2.5
DECK SLAB REPAIR (FULL DEPTH, TY II)	SQ YD	4.0
DECK SLAB REPAIR (PARTIAL)	SQ YD	25.0
APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	11.0

A	CH REPA	IR PLAN	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
т	APPROA	сн	1512	36BDR	VERMILION	34	13
					CONTRAC	T NO.	70965
	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		



ITEM	UNIT	TOTAL
CONCRETE REMOVAL	CU YD	9.1

٥v	AL PLAN		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0050		1512	36BDR	VERMILION	34	14	
00	50		_		CONTRAC	T NO. '	70965
	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		



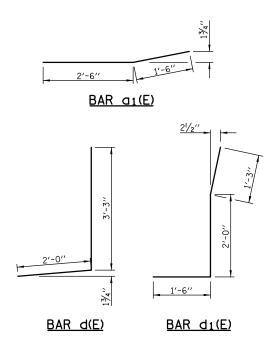
PLOT DATE = 2/25/2013

DATE

2-21-2012

REVISED

S.N. 092-0 SCALE: SHEET NO. 10 OF 25 SHEETS



SEE SECTION DETAILS NEXT SHEET.

BILL OI	F MAT	<u>ERIAL</u>
---------	-------	--------------

BAR	NO.	SIZE	LENGTH	SHAPE
a(E)	32	*6	16'-0''	
a1(E)	8	#6	4'-0''	
d(E)	12	#4	5'-3''	1
d1(E)	12	#5	6'-9''	L
h(E)	12	*6	15'-11''	
REINFOR	CEMENT	BARS	POUND	1230.0
(EPOXY	COATED)		FUUND	1230.0
CONCRE'	TE		CU YD	10.2
SUPERS'	TRUCTUR	E		10.2
BAR SPI	TOEDS		EACH	22.0
DAR SFI		EACH	22.0	

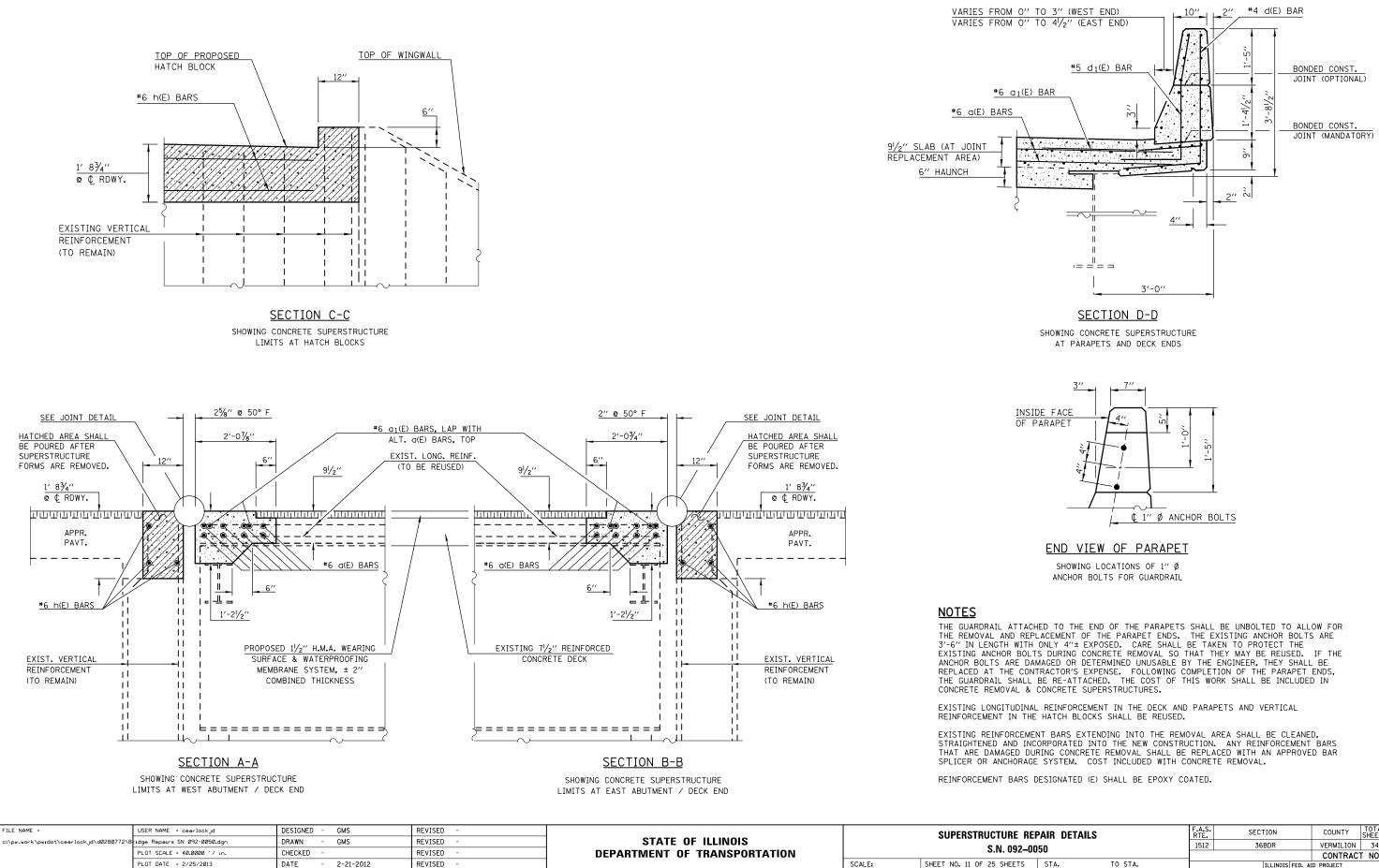
<u>NOTES</u>

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

REPAIR PLAN		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
0050		1512	36BDR	VERMILION	34	15	
1050				CONTRAC	T NO.	70965	
	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		

SUPERSTRUCTURE REPAIR DETAILS S.N. 092-0050



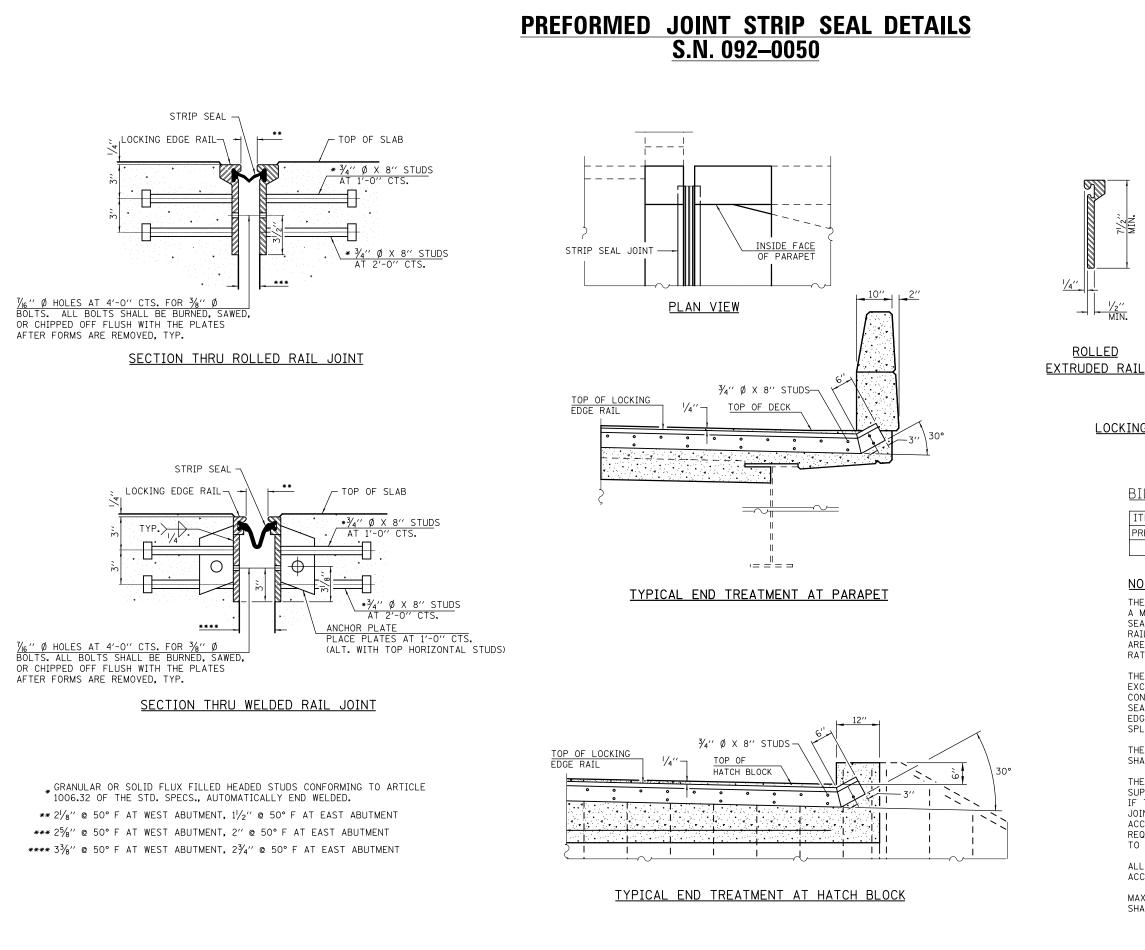
PLOT DATE = 2/25/2013

DATE

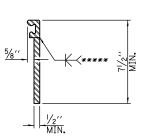
2-21-2012

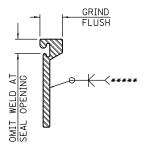
REVISED

EPAIR DETAILS		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		1512	36BDR	VERMILION	34	16	
0050				CONTRAC	T NO.	70965	
	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		



FILE NAME =	USER NAME = cearlockjd	DESIGNED - GMS	REVISED -			PREFORMED JOINT STRI	P SFAL DETA	20	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	HEET
c:\pw_work\pwidot\cearlockjd\d0280772\B	ndge Repairs SN 092-0050.dgn	DRAWN - GMS	REVISED -	STATE OF ILLINOIS		S.N. 092–00		120	1512	36BDR	VERMILION	34	17
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		3.N. 092-00	50				CONTRAC	F NO. 70	965
	PLOT DATE = 2/25/2013	DATE - 2-21-2012	REVISED -		SCALE:	SHEET NO. 12 OF 25 SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		





***** BACK GOUGE NOT REQUIRED IF COMPLETE JOINT PENETRATION IS VERIFIED BY MOCK-UP.

WELDED RAIL

LOCKING EDGE RAIL SPLICE

THE INSIDE OF THE LOCKING EDGE RAIL GROOVE SHALL BE FREE OF WELD RESIDUE. (ROLLED RAIL SHOWN, WELDED RAIL SIMILAR)

LOCKING EDGE RAILS

BILL OF MATERIALS

ITEM	UNIT	TOTAL
PREFORMED JOINT STRIP SEAL	FOOT	66.0

NOTES:

THE STRIP SEAL SHALL BE MADE CONTINUOUS AND SHALL HAVE A MINIMUM THICKNESS OF $/4^{\prime\prime}$. THE CONFIGURATION OF THE STRIP SEAL SHALL MATCH THE CONFIGURATION OF THE LOCKING EDGE RAILS. OPEN OR "WEBBED" STRIP SEAL GLAND CONFIGURATIONS ARE NOT PERMITTED. THE GLAND SHALL BE SIZED FOR A MAXIMUM RATED MOVEMENT OF 4 INCHES.

THE LOCKING EDGE RAILS DEPICTED ARE CONCEPTUAL ONLY, EXCEPT FOR THE MINIMUM DIMENSIONS SHOWN. THE ACTUAL CONFIGURATION OF THE LOCKING EDGE RAILS AND MATCHING STRIP SEAL MAY VARY FROM MANUFACTURER TO MANUFACTURER. FLANGED EDGE RAILS WILL NOT BE ALLOWED. LOCKING EDGE RAILS MAY BE SPLICED AT SLOPE DISCONTINUITIES.

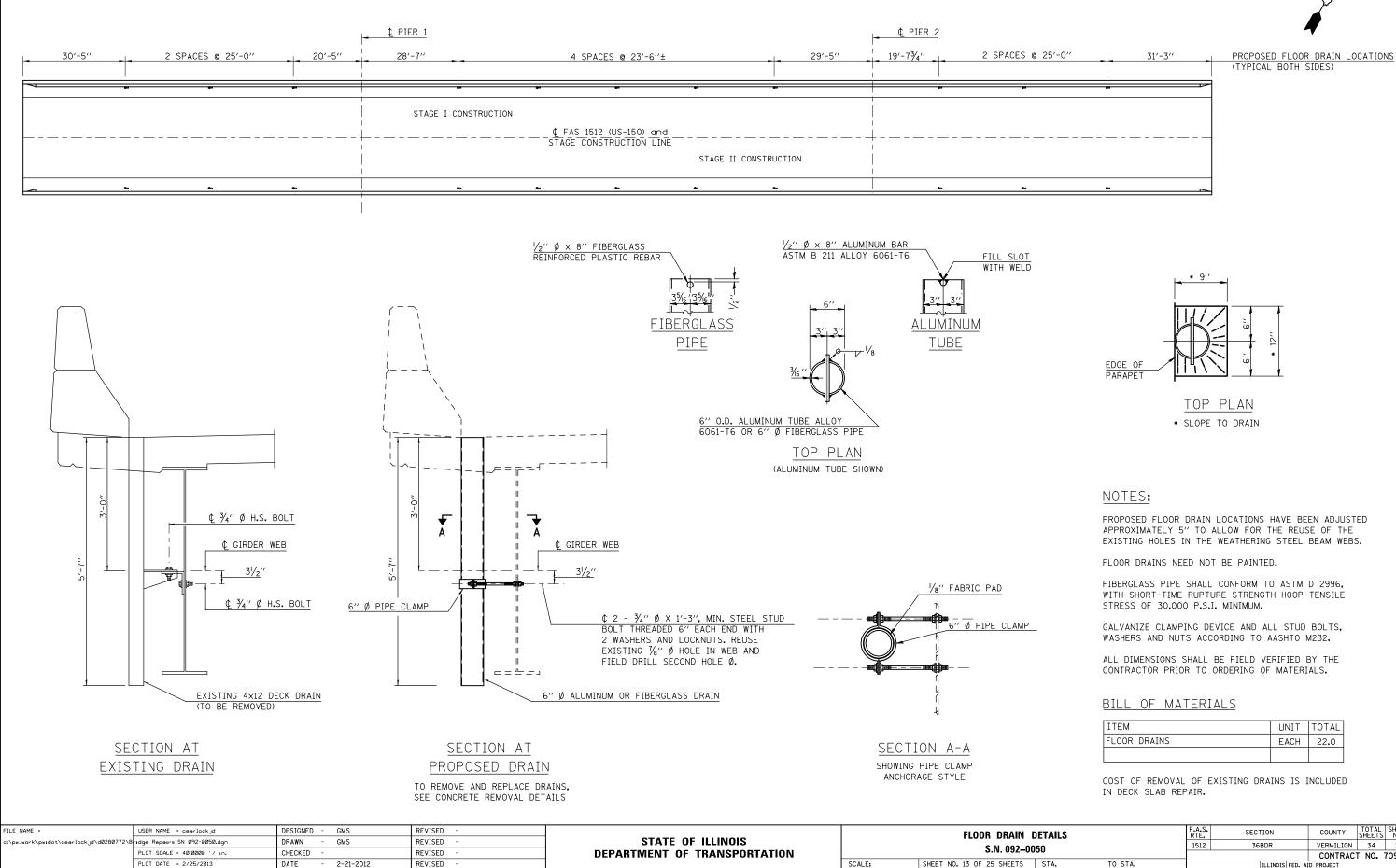
THE MANUFACTURER'S RECOMMENDED INSTALLATION METHODS SHALL BE FOLLOWED.

THE JOINT OPENING AND DECK DIMENSIONS DETAILED ON THE SUPERSTRUCTURE ARE BASED ON A ROLLED RAIL EXPANSION JOINT. IF THE CONTRACTOR ELECTS TO USE THE WELDED RAIL EXPANSION JOINT, THE OPENING AND DECK DIMENSIONS SHALL BE MODIFIED ACCORDING TO THE DIMENSIONS DETAILED ON THIS SHEET. REQUIRED MODIFICATIONS SHALL BE MADE AT NO ADDITIONAL COST TO THE STATE.

ALL STEEL COMPONENTS SHALL BE GALVANIZED AFTER FABRICATION ACCORDING TO ARTICLE 520.03 OF THE STANDARD SPECIFICATIONS.

MAXIMUM SPACE BETWEEN RAIL SEGMENTS AT STAGE LINES SHALL BE $\frac{3}{6}$ ", sealed with a suitable sealant.

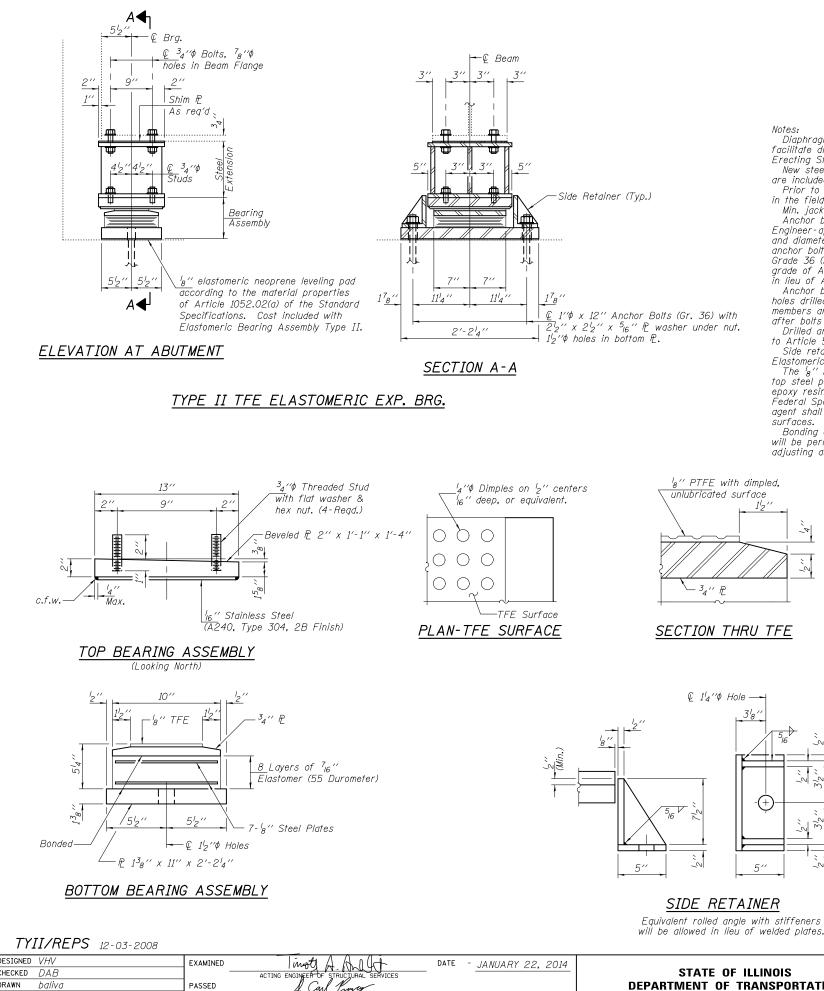
FLOOR DRAIN DETAILS S.N. 092-0050





ITEM	UNIT	TOTAL
FLOOR DRAINS	EACH	22.0

DETAILS		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
0050		1512	36BDR	VERMILION	34	18	
0050				CONTRAC	T NO. '	70965	
	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		



BEAM REACTIONS

R₽	(K)	43.6
R4	(K)	40.6
Imp.	(K)	9.0
R (Total)	(K)	93.2

Diaphragm removal and reinstallation may be required to facilitate drilling holes. Cost included with Furnishing and Erecting Structural Steel.

Erecting Structural Steel. New steel extensions, shim plates and connection bolts are included with Furnishing and Erecting Structural Steel. Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions. Min. jack capacity = 55 Tons. Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified arade of AASHTO M314 anchor bolts may be used grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Anchor bolts for Type II bearings shall be placed in holes drilled through the bottom bearing plate after members are in place. Side retainers shall be placed after bolts are installed.

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications. Side retainers shall be included in the cost of

Side retainers shall be included in the cost of Elastomeric Bearing Assembly, Type II. The g'' PTFE sheet shall be bonded directly to the top steel plate with a two-component, medium viscosity epoxy resin, conforming to the requirements of the Federal Specification MMM-A-134, Type I. The bond agent shall be applied on the full area of the contact surfaces.

Bonding of ¹8'' PTFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.

/////

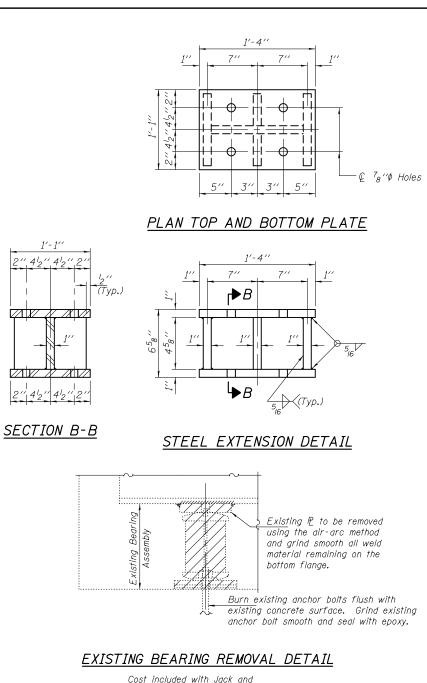
 5^{\prime}_{2} φ Top Brg. ¢ Bott. Bra.

<u>BELOW 50°</u> F. (Move bott. brg. away from fixed brg.) (Move bott. brg. toward fixed brg.)

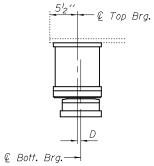
SETTING ANCHOR BOLTS AT EXP. BRG.

 $D = {}^{\prime}_{8}{}^{\prime\prime}$ per each 100' of expansion for every 15° temp. change from the normal temp. of 50°F.

-	DESIGNED VHV	EXAMINED	Imot A. And At	DATE - JANUARY 22, 2014		W. ABUTMENT BEARING REPLACEMENT DETAILS	F.A.S. RTE.	SECTION	COUNTY TOTAL SHEET SHEETS NO.
	checked DAB DRAWN baliva	PASSED	ACTING ENGINEER OF STRUCTURAL SERVICES		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 092-0050	1512	36BDR	VERMILION 34 19 CONTRACT NO. 70965
	CHECKED VHV DAB		ACTING ENGINEER OF BRIDGES AND STRUCTURES	—		SHEET NO. 14 OF 25 SHEETS		ILLINOIS FE	D. AID PROJECT



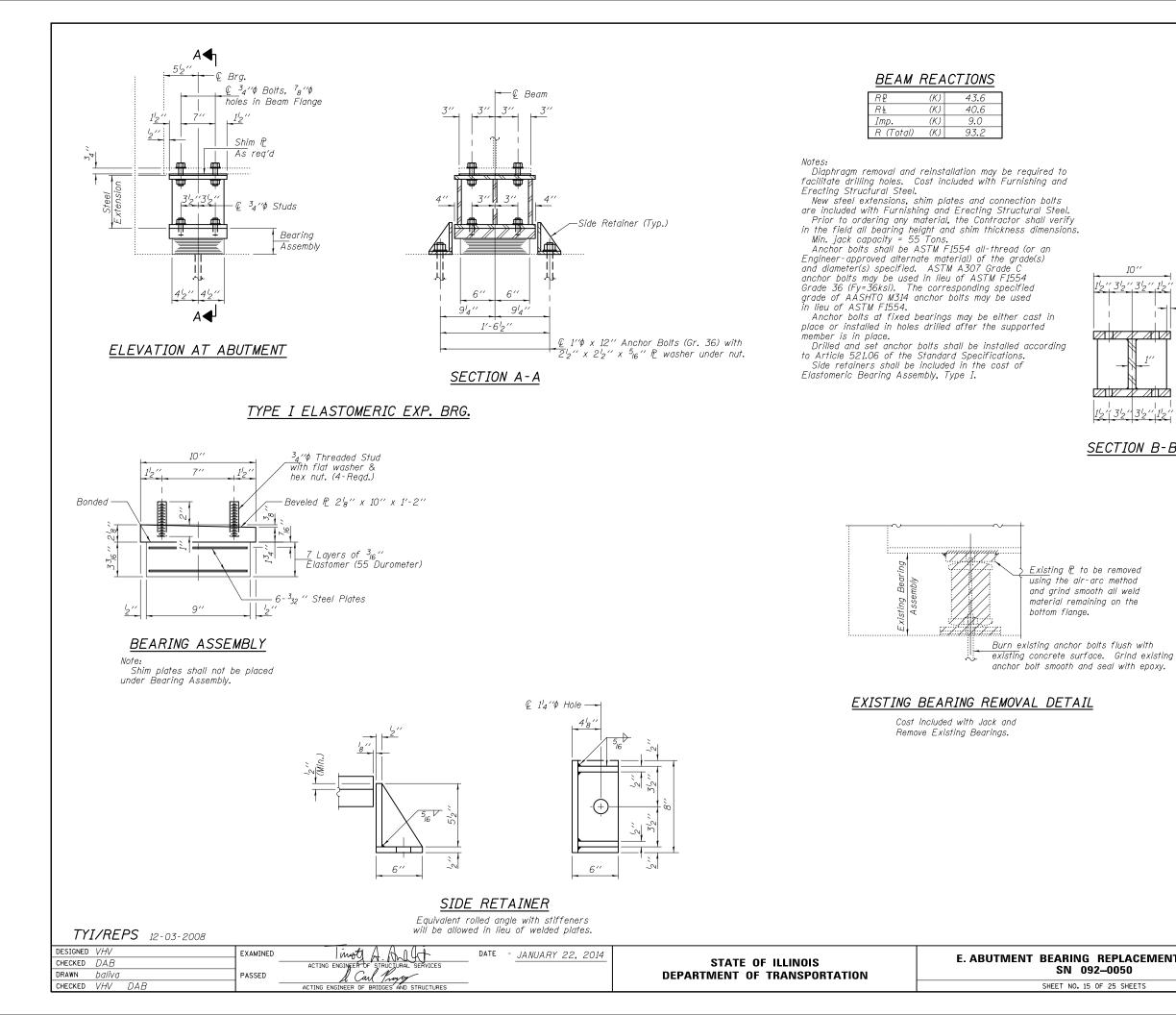
Remove Existing Bearings.

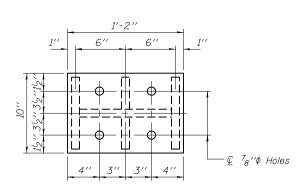


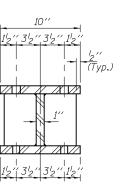
<u>ABOVE 50° F.</u>

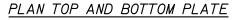
BILL OF MATERIAL

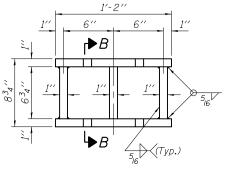
Item	Unit	Total
Elastomeric Bearing Assembly Type II	Each	5
Jack and Remove Existing Bearings	Each	5
Furnishing and Erecting Structural Steel	Pound	920
Anchor Bolts 1''¢	Each	10











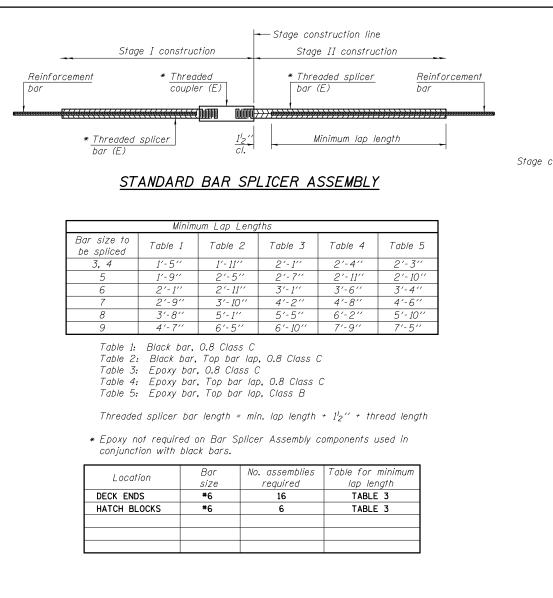
SECTION B-B

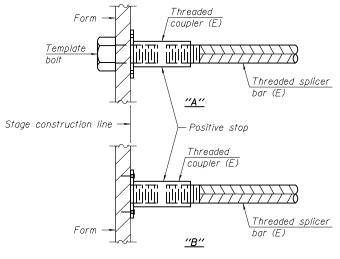
STEEL EXTENSION DETAIL

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	5
Jack and Remove Existing Bearings	Each	5
Furnishing and Erecting Structural Steel	Pound	770
Anchor Bolts 1′′¢	Each	10

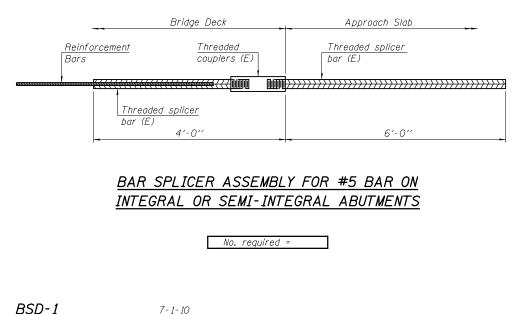
	F.A.S. RTE.	SECTION	COUNTY	TOTAL	SHEET	
EPLACEMENT DETAILS	1512	36BDR	VERMILION	34	20	
			CONTRACT	NO. 7	0965	
25 SHEETS	ILLINOIS FED. AID PROJECT					

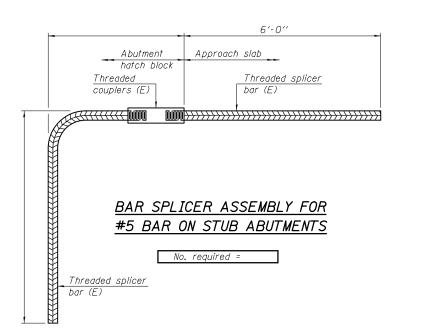




INSTALLATION AND SETTING METHODS

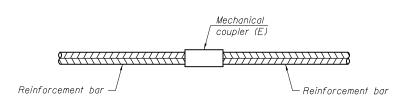
"A" : Set bar splicer assembly by means of a template bolt. "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms. (E) : Indicates epoxy coating.





BSD-1

FILE NAME =	USER NAME = cearlockjd	DESIGNED -	REVISED -	BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw_work\pwidot\cearlockjd\d0280772\6	ridge Repairs SN 092-0050.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	STRUCTURE NO. 092–0050		1512	36BDR	VERMILION	34	21		
	PLOT SCALE = 40.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION						CONTRAC	T NO. T	70965	
	PLOT DATE = 2/25/2013	DATE -	REVISED -		SCALE:	SHEET NO. 16 OF 25 SHEETS	STA.	TO STA.		ILLINOIS FED. A	AID PROJECT		



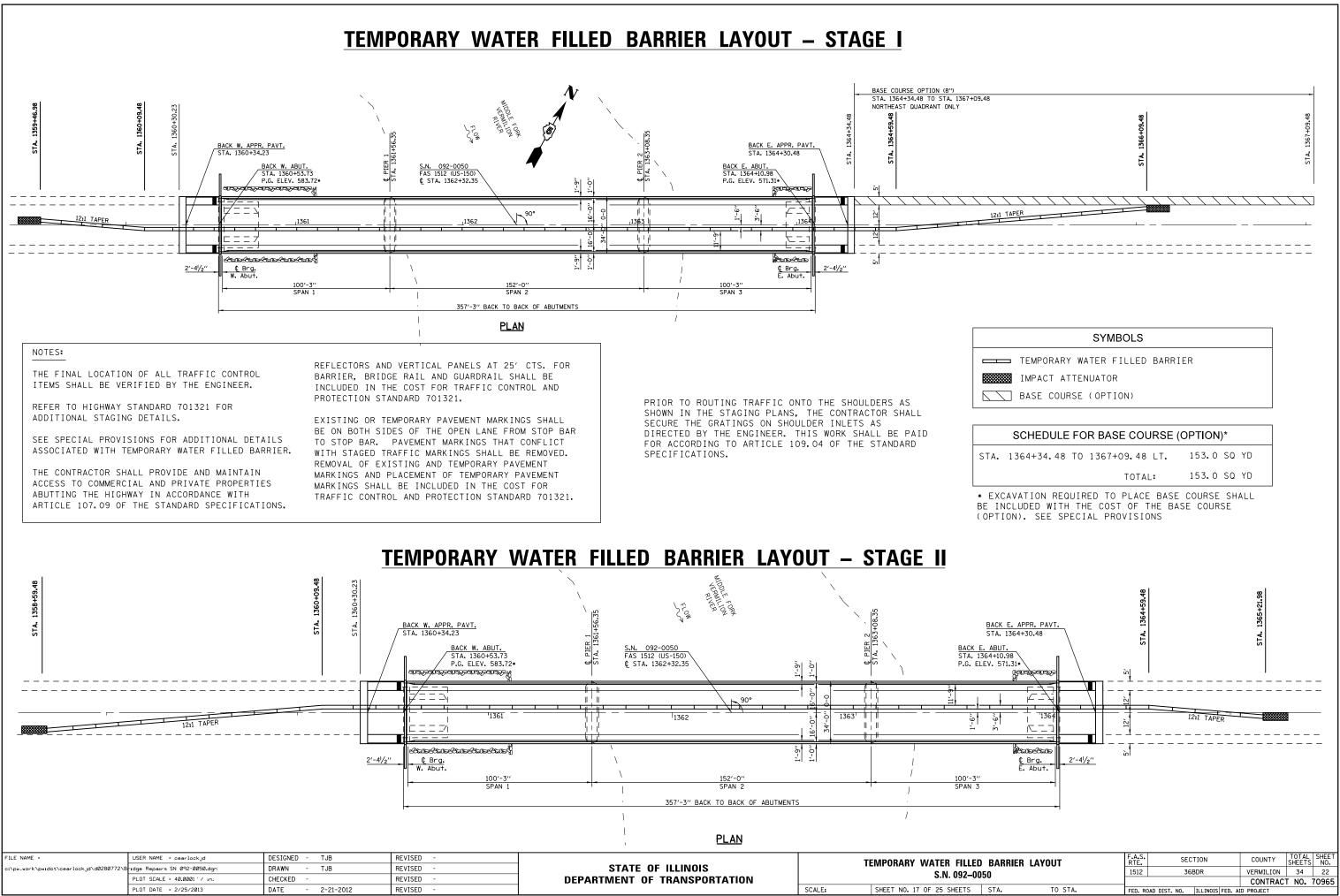
STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

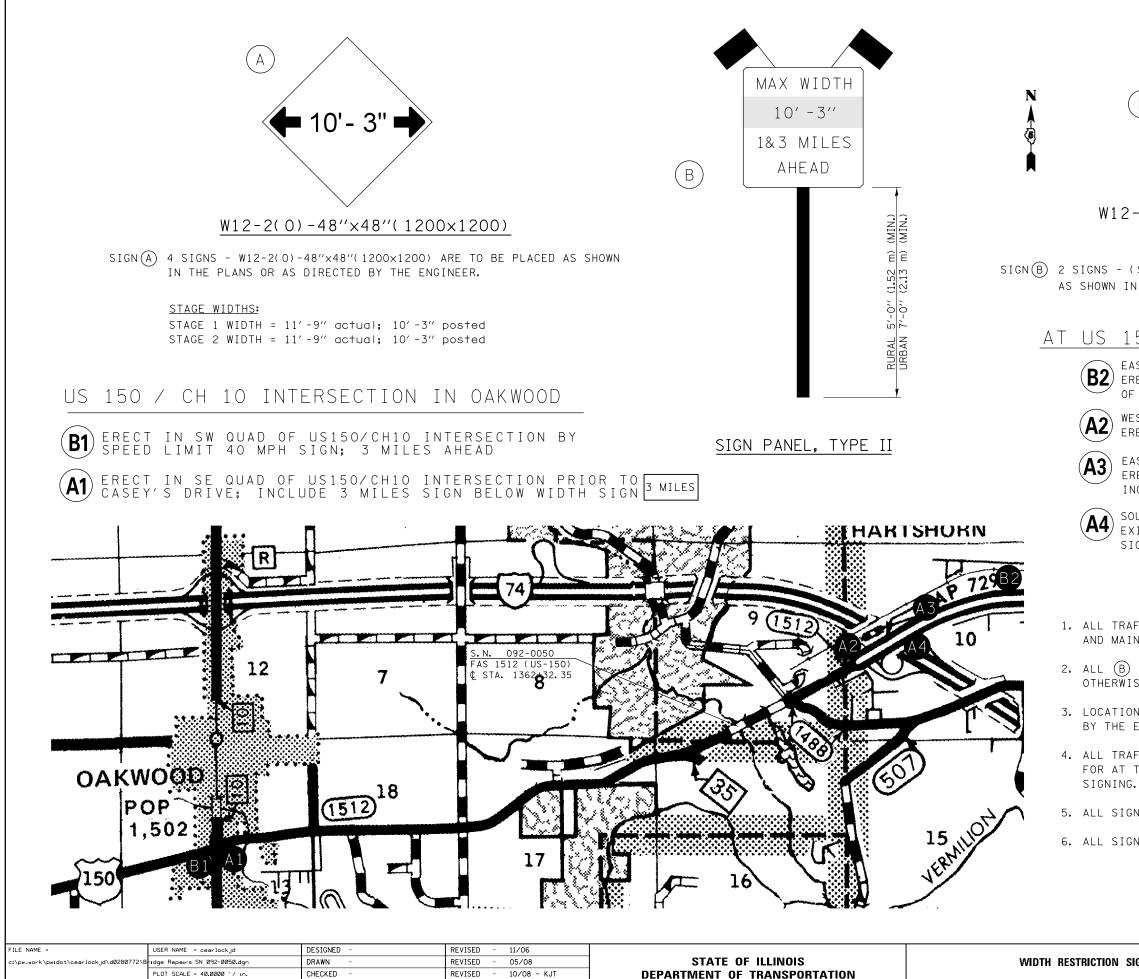
NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications. See special provision for Mechanical Splicers. See approved list of bar splicer assemblies and mechanical splicers for alternatives.



າດ	50	1512			201	אטכ			VERMILION		54	22	
_										CONTRAC	Т	NO.	70965
	STA.	TO STA.	FED. RO	DAD I	DIST.	NO.	ILLINOIS	FED.	AID	PROJECT			

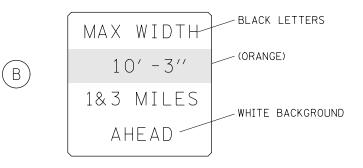


7/09 - KJT

REVISED -

PLOT DATE = 2/25/2013

DATE



W12-I103(0)-48"×48"(1200×1200) "D" LETTERS/NUMBERS

SIGN (B) 2 SIGNS - (SIGN PANEL, TYPE II) AS SHOWN ARE TO BE PLACED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

AT US 150 / FAI 74 INTERCHANGE

- B2 EAST OF US150/FAI74 INTERCHANGE ERECT BY SPEED LIMIT 55 SIGNS; WEST OF HENNING ROAD; 1 MILE AHEAD
 - WEST OF US150/FAI74 INTERCHANGE ON US 150; ERECT JUST PRIOR TO 2 WAY TRAFFIC SIGN
 - EAST OF US150/FAI74 INTERCHANGE ON US 150; ERECT JUST PAST GREENBOARDS AT SPLIT; INCLUDE 1 MILE SIGN BELOW WIDTH SIGN
 - SOUTH OF US150/FAI74 INTERCHANGE ON FAI74 WB EXIT RAMP; ERECT BEHIND LEFT SIDE DO NOT ENTER SIGN; INCLUDE LEFT ARROW SIGN BELOW WIDTH SIGN

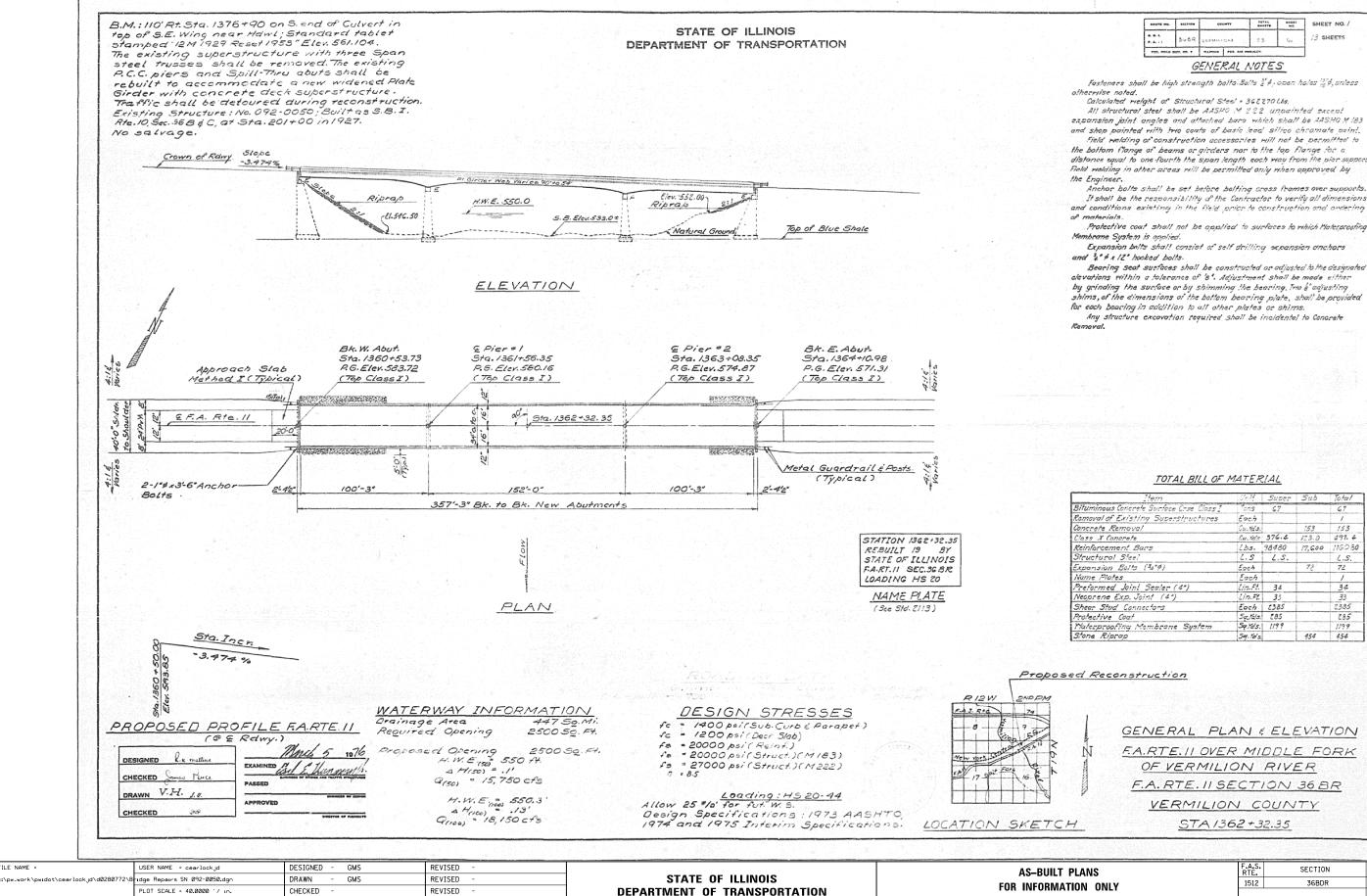
-

GENERAL NOTES

- 1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
- 2. ALL (B) SIGNS SHALL HAVE FLAGS INSTALLED UNLESS OTHERWISE DIRECTED.
- 3. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
- 4. ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR WIDTH RESTRICTION SIGNING.
- 5. ALL SIGNS SHALL BE POST MOUNTED UNLESS OTHERWISE DIRECTED.
- 6. ALL SIGNS SHOWN ORANGE (0) SHALL BE FLUORESCENT ORANGE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

			D	ISTRICT	5 C	DETA	IL NO. X	7200	201
				SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.
01	ON SIGNING		1512	36	BDR		VERMILION	34	23
							CONTRACT	' NO. 7	0965
	STA.	TO STA.	FED. RC	DAD DIST. NO.	ILLINOI	S FED. AI	D PROJECT		



FILE NAME

PLOT DATE = 2/25/2013

DATE

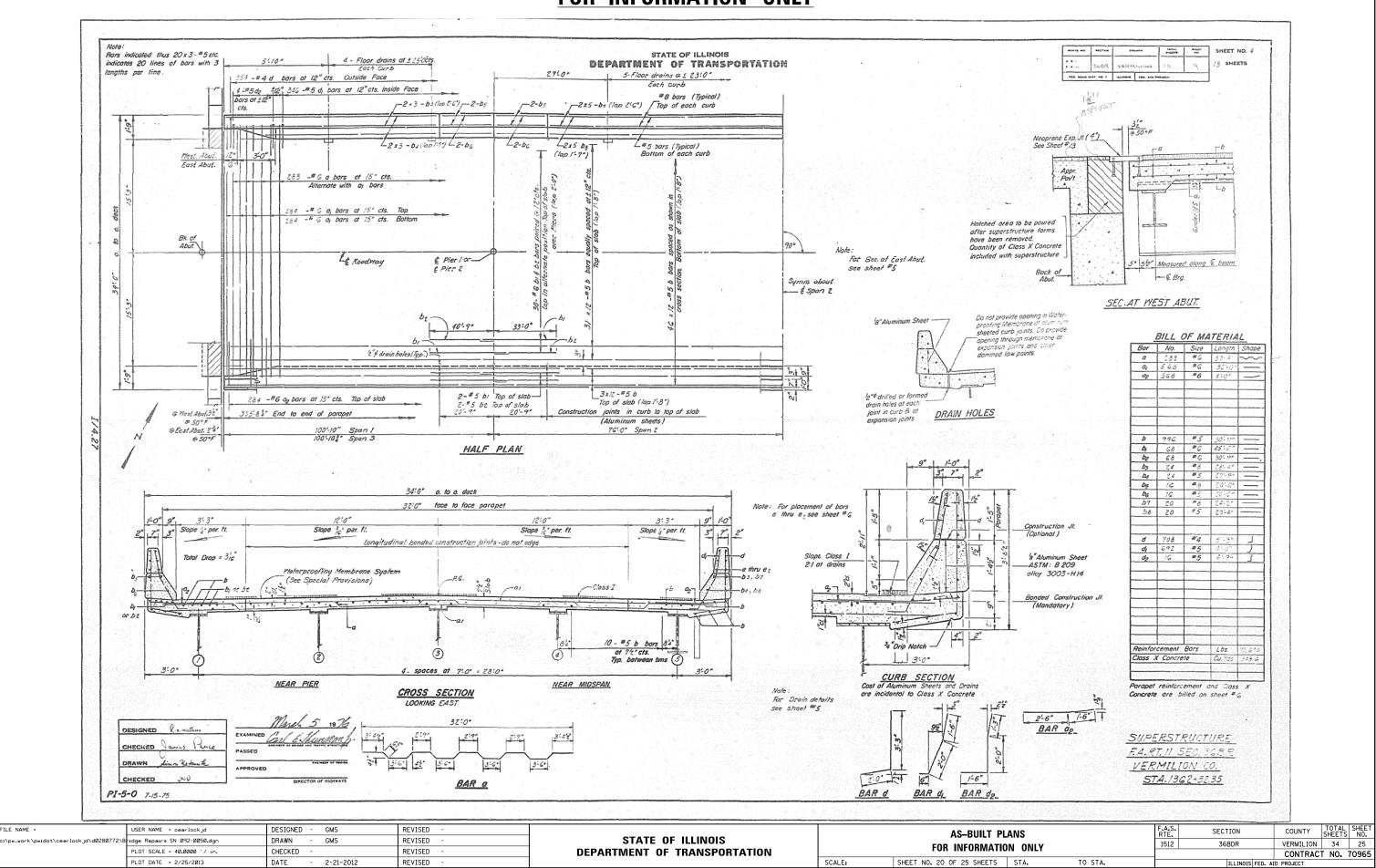
2-21-2012

REVISED

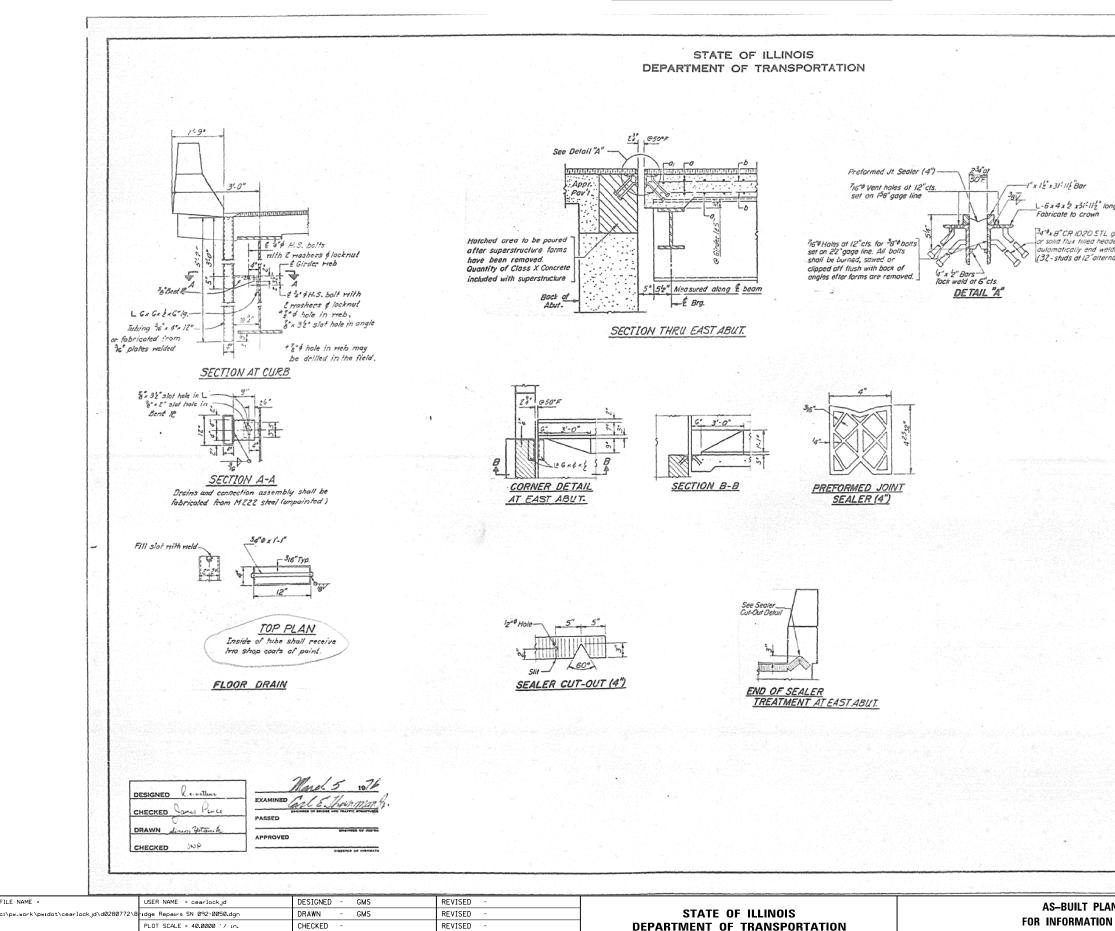
50075 HD. SICTION		COUNTY TOTAL ENER			SHEET NO. /	
		VERMILION	23	6	/3 SHEETS	
		ALLINGIN F53. 443 PM	BACT-		1	

Item	Unit	Super	Sub	Total
Situminous Concrete Surface Crse Class !	Tons	67		67
emoval of Existing Superstructures	Eac.4	v a stran	1.111.00	1
oncrete Removal	Gu.Yds.		153	153
lass X Concrete	Cu.Yds	376.4	123.0	499. 4
teinforcement Bars	Lbs.	98480	17,600	1160 80
Structural Steel	2.5	L.S.		1.5.
xpansion Bolts (34*\$)	Each		72	72
Vame Plates	Each			1
Preformed Joint Sealer (4*)	Lin.Ft.	34		34
Veoprene Exp. Joint (4*)	Lin.Fl.	33	1.1.1.1.1.1	33
Sheer Stud Connectors	Each	2385	a an	2385
cotective Coat	5q.14's.	285	810-04	285
Naterproofing Membrone System	Sq.Yds.	1199	10.000	1199
Stone Riprap	Sq. To's	19 19 19. Maria	454	454

		Magazina (
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
1512	36BDR	VERMILION	34	24					
		CONTRAC	T NO.	70965					
	ILLINOIS FED. AID PROJECT								
	RTE.	1512 36BDR	RTE. SECTION CONTIN 1512 36BDR VERMILION CONTRACT	RTE SECTION COUNTY SHEETS 1512 36BDR VERMILION 34 CONTRACT NO.					



FILE NAME :



FILE NAME =

PLOT DATE = 2/25/2013

DATE

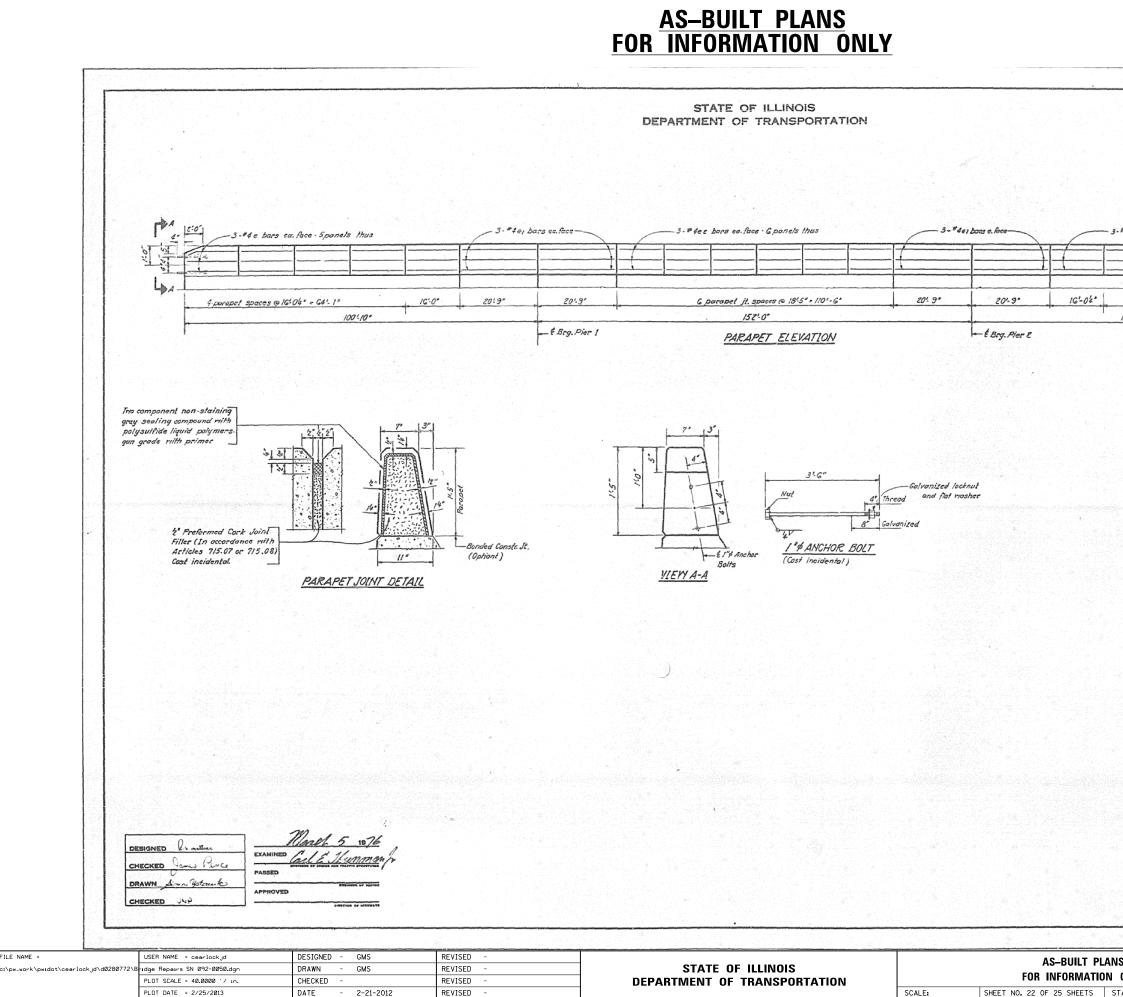
- 2-21-2012

REVISED

SCALE:

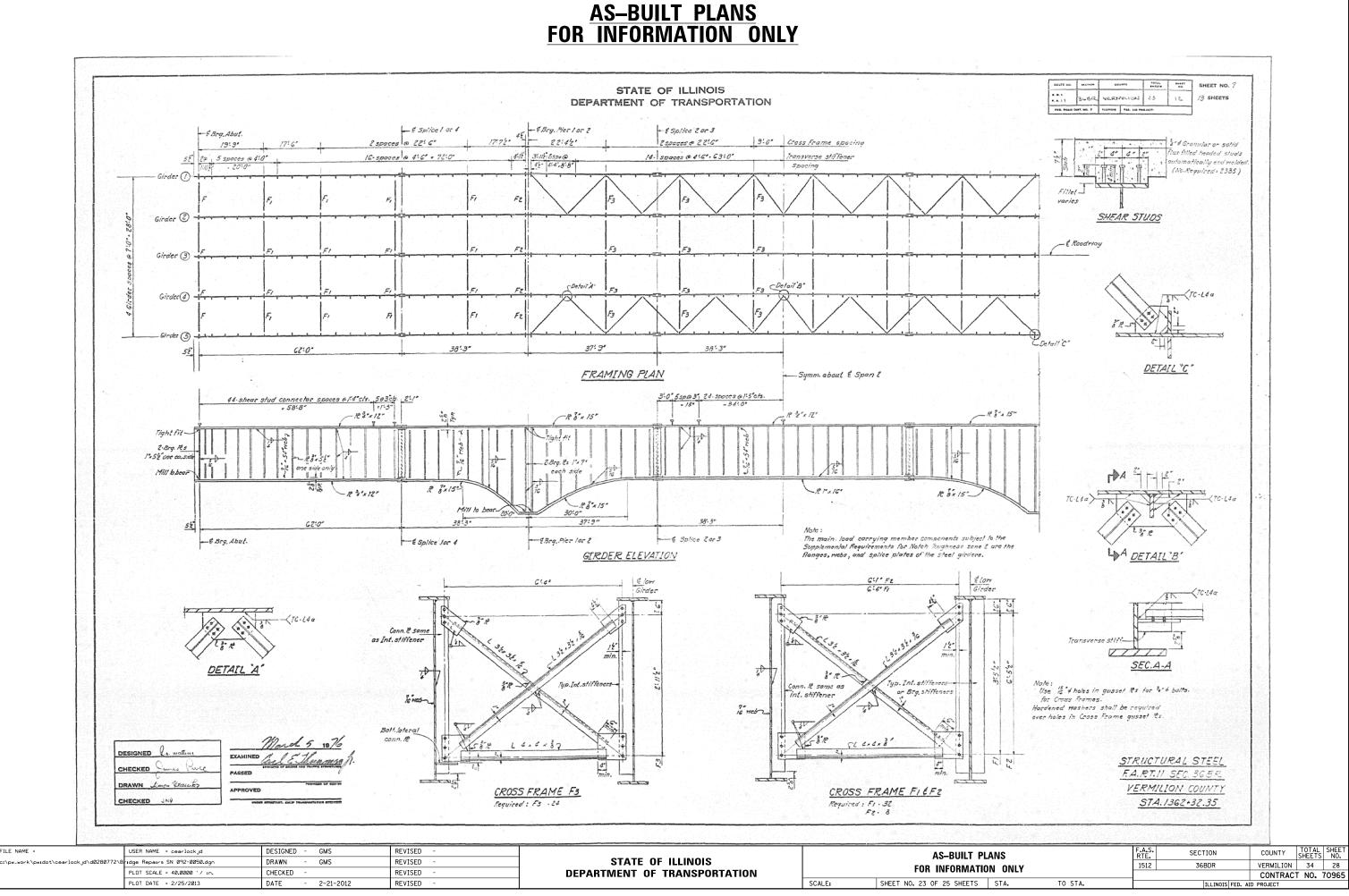
SHEET NO. 21 OF 25 SHEETS STA.

LANS ON ONLY			T.A.S. RTE. 1512		TION 6BDR	VE	OUNTY RMILION	TOTAL SH SHEETS N 34 2
LANS		F		SEC	TION	C	OUNTY	TOTAL SH SHEETS N
				11276346				
	The program of the second second		1223332	5429383		CRADING S		
		<u>s</u>	7.4.136	52+32.	35			
				ION CO				
				SEC.36				
					DETAILS			
		1100		ITONO	0.000			
							1	
							1	
						- 1	1	
						2	1	
							1	
							1440	
							<u>i</u>	
						.	-	
					8.9			
							~	
						1		
ernate cts.)								
eaded studs welded								
TL granular			13년 18월					
long								
						1.5		
_								
			-					
		RNULION	23		SHEETS			
-			TOTAL		HEET NO. 5			
					i de conce			

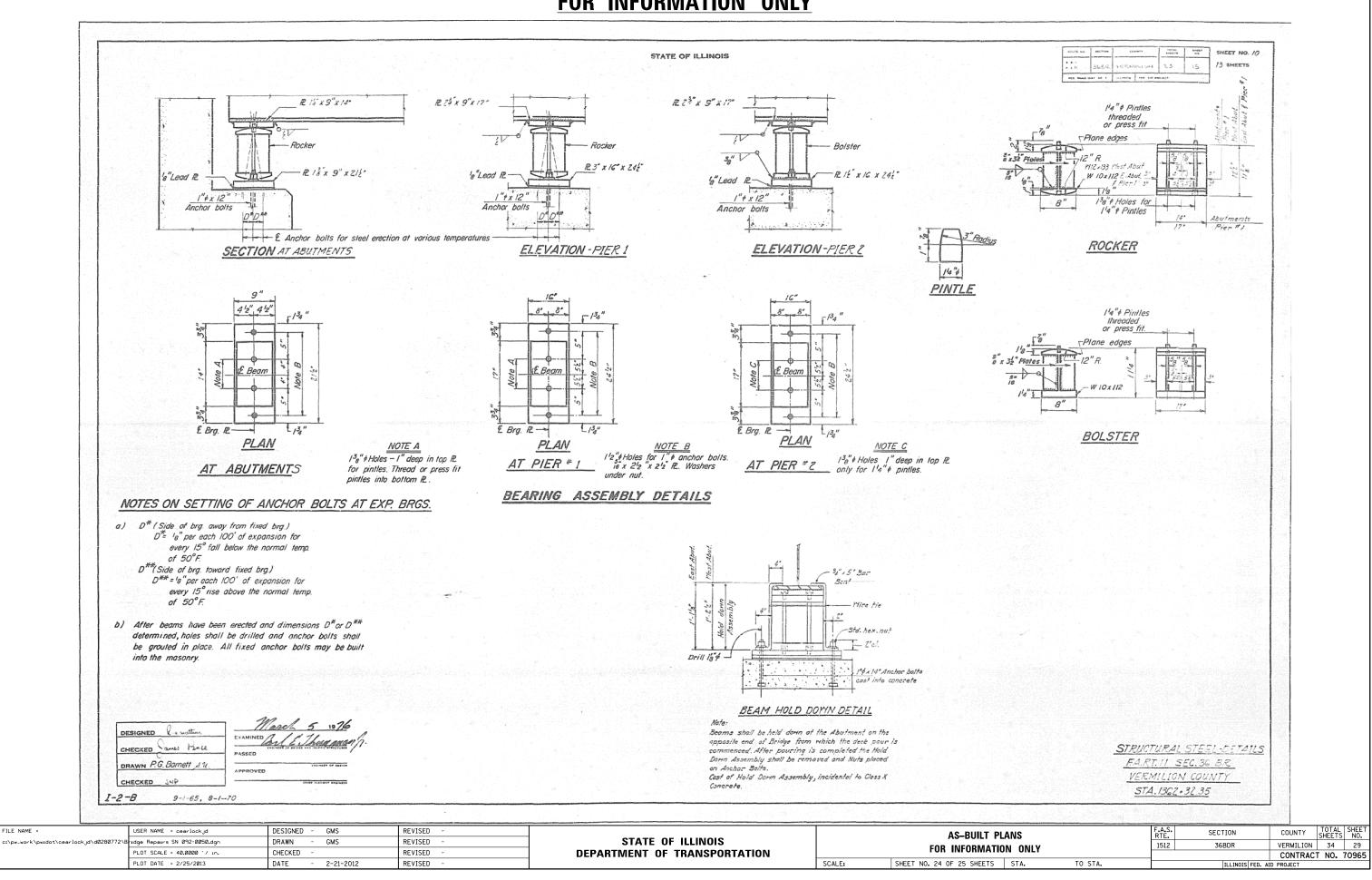


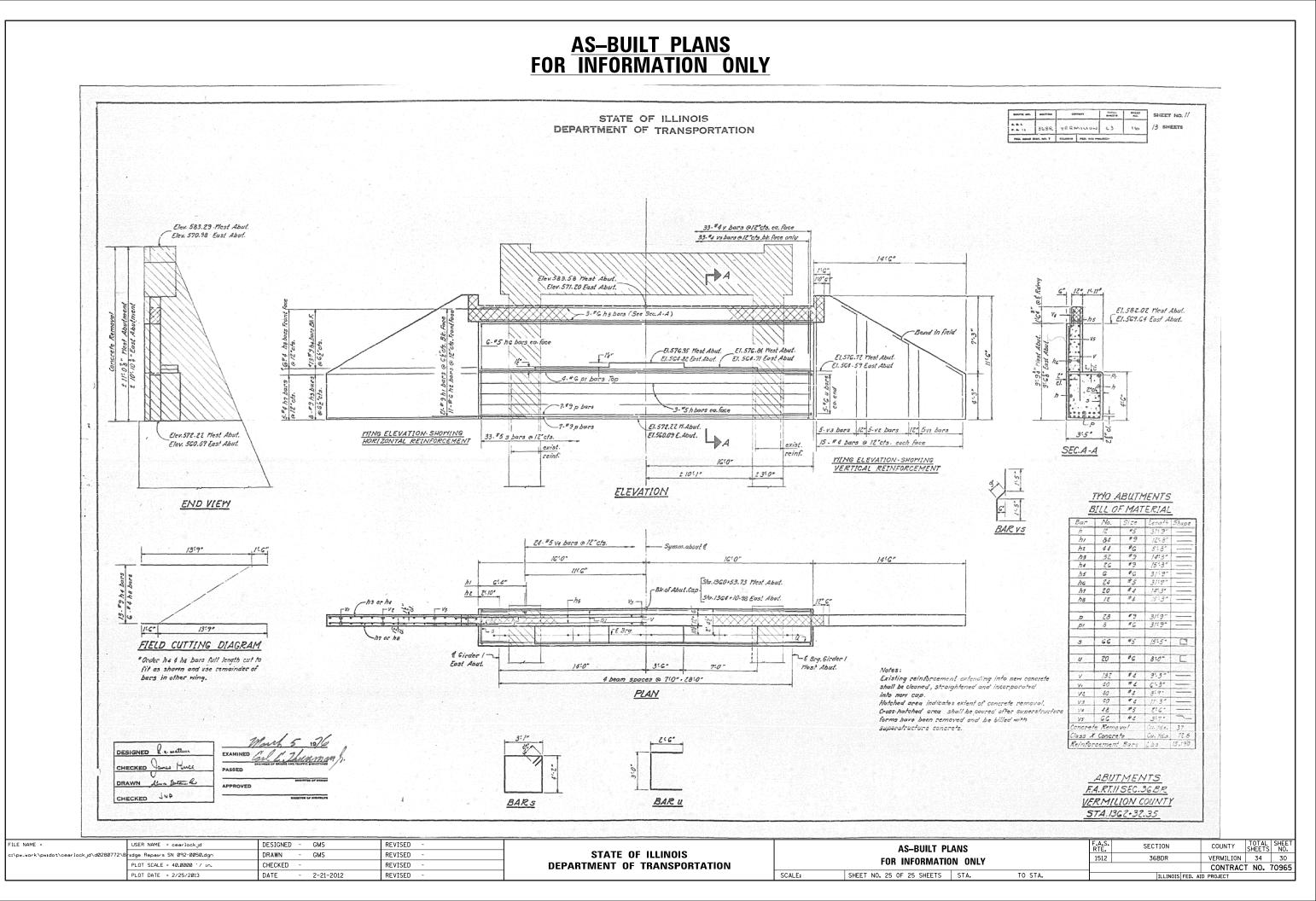
FILE NAME =

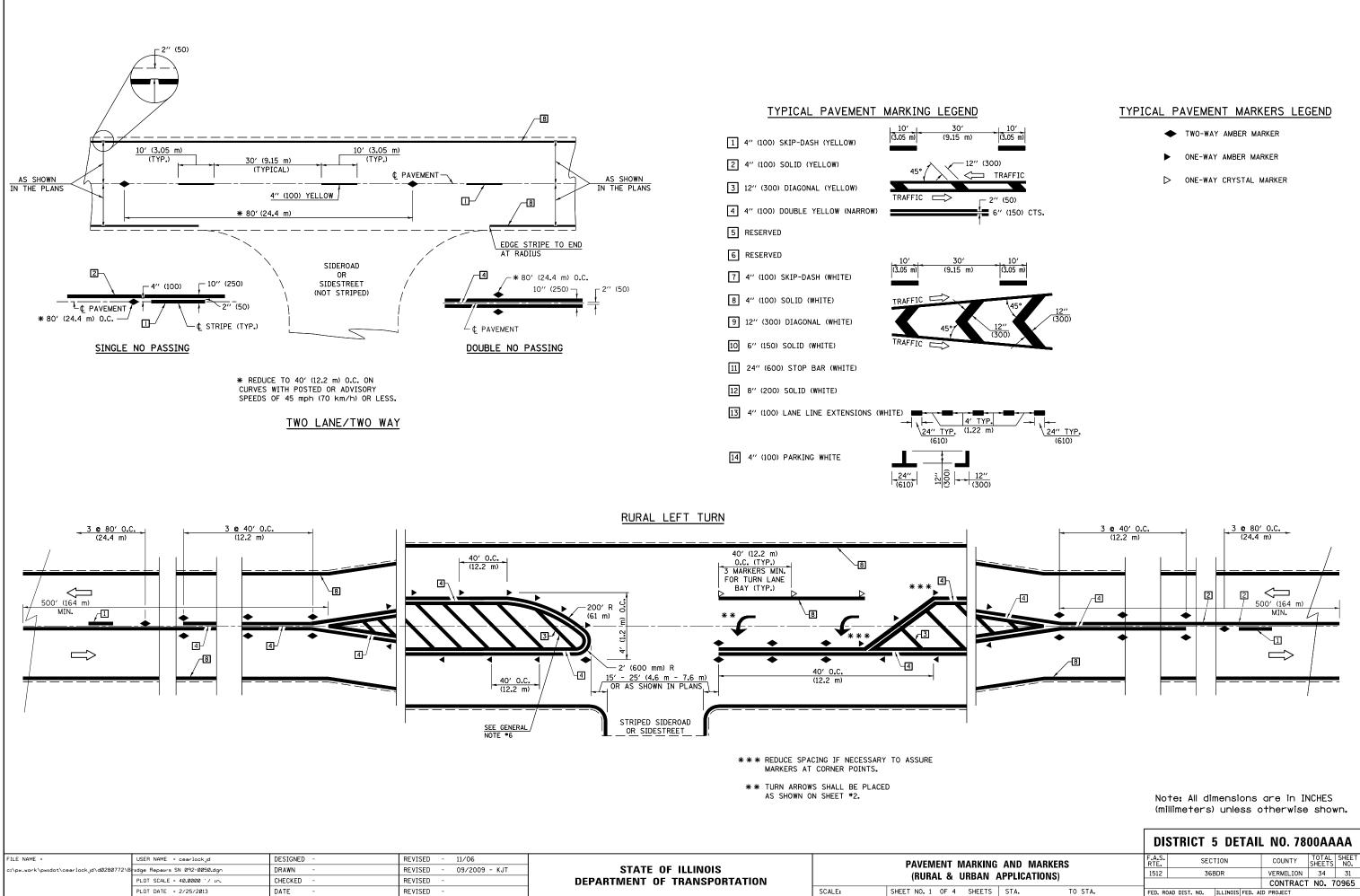
Image: State of the state o			
Bars No. Size Cangth Shape c 120 4 15197 Image: Shape Image: Sha	- 3-#4e bars ca.face 5 panels th 	US	
Bars No. Size Cangth Shape c 120 4 15197 Image: Shape Image: Sha			
FA.RT.II SEC.3GBR YERMILION COUNTY STA./362+32.35 PLANS FA.S. SECTION COUNTY SHEET NO. 1512 36BDR VERMILION 34 27 CONTRACT NO. 70965		Bars No. Size Length Shape c 120 #4 151.9	
CONTRACT NO. 70965		<u>F.A.R.I.II SEC.36BR</u> <u><u>YERMILION COUNTY</u> <u>STA.1362+32.35</u> F.A.S. RTE. SECTION</u>	VERMILION 34 27
		ILLINOIS	



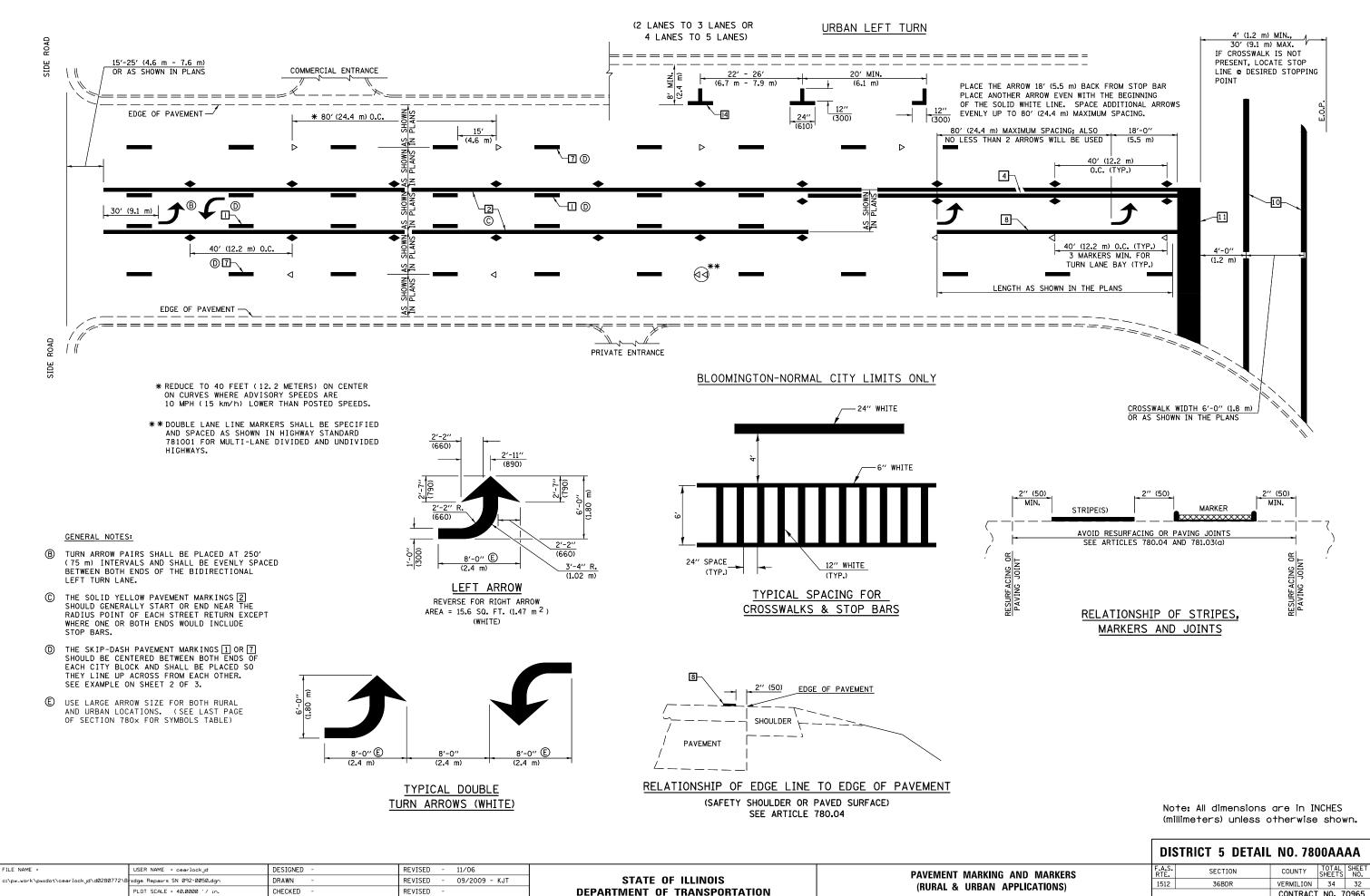
FILE NAME =







			DIS	STRICT 9	5 DETAIL	. NO. 78	00AA	AA
IG AND MARKERS				SEC	LION	COUNTY	TOTAL SHEETS	SHEET NO.
APPLICATIONS)		1512	36E	BDR	VERMILION	34	31	
AFFLIGATIONS)						CONTRACT	NO. 7	0965
;	STA.	TO STA.	FED. RO	AD DIST. NO.	ILLINOIS FED. AI	D PROJECT		



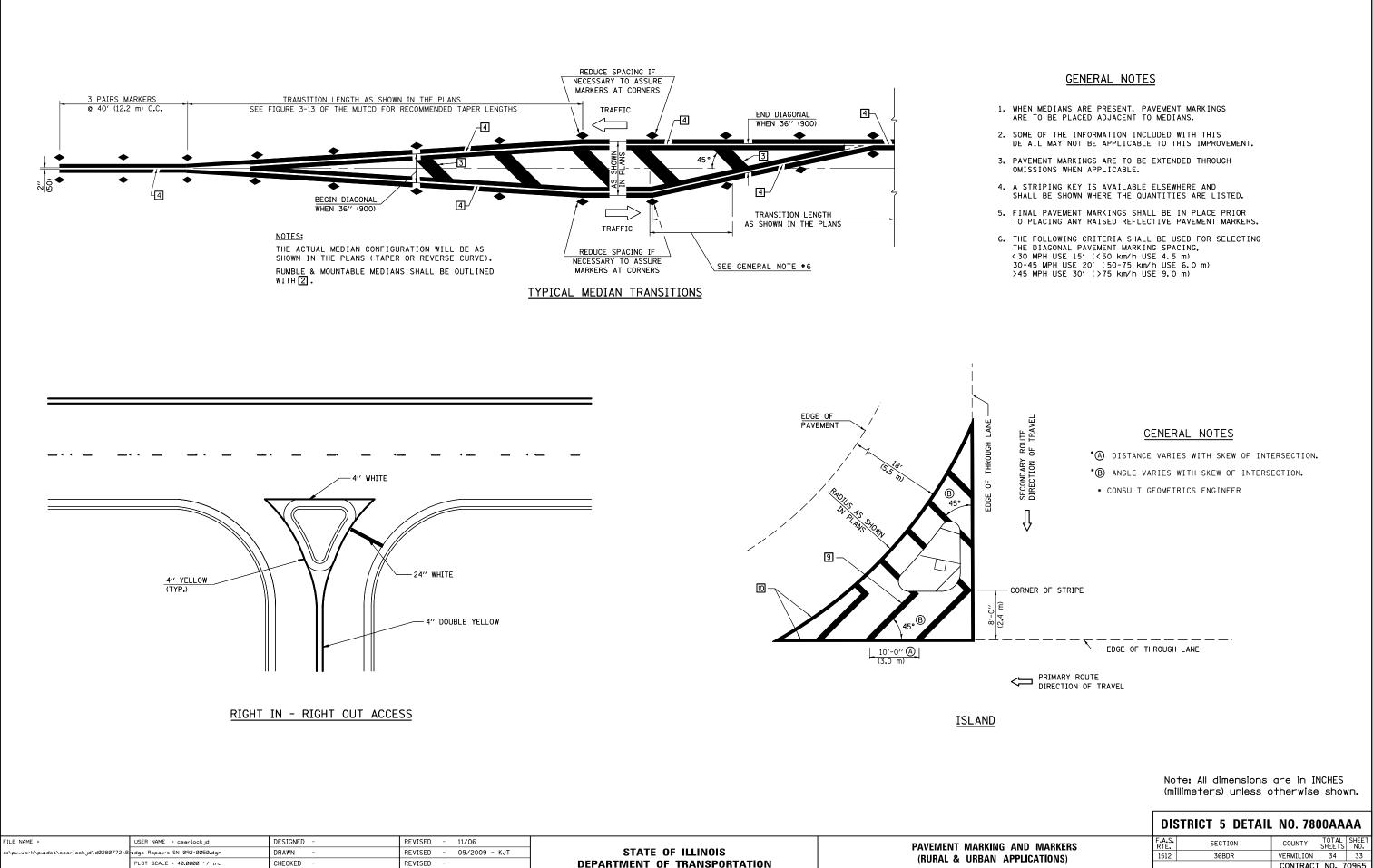
PLOT DATE = 2/25/2013

DATE

REVISED

SCALE: SHEET NO. 2 OF 4 SHEETS STA.

CONTRACT NO. 70965 TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

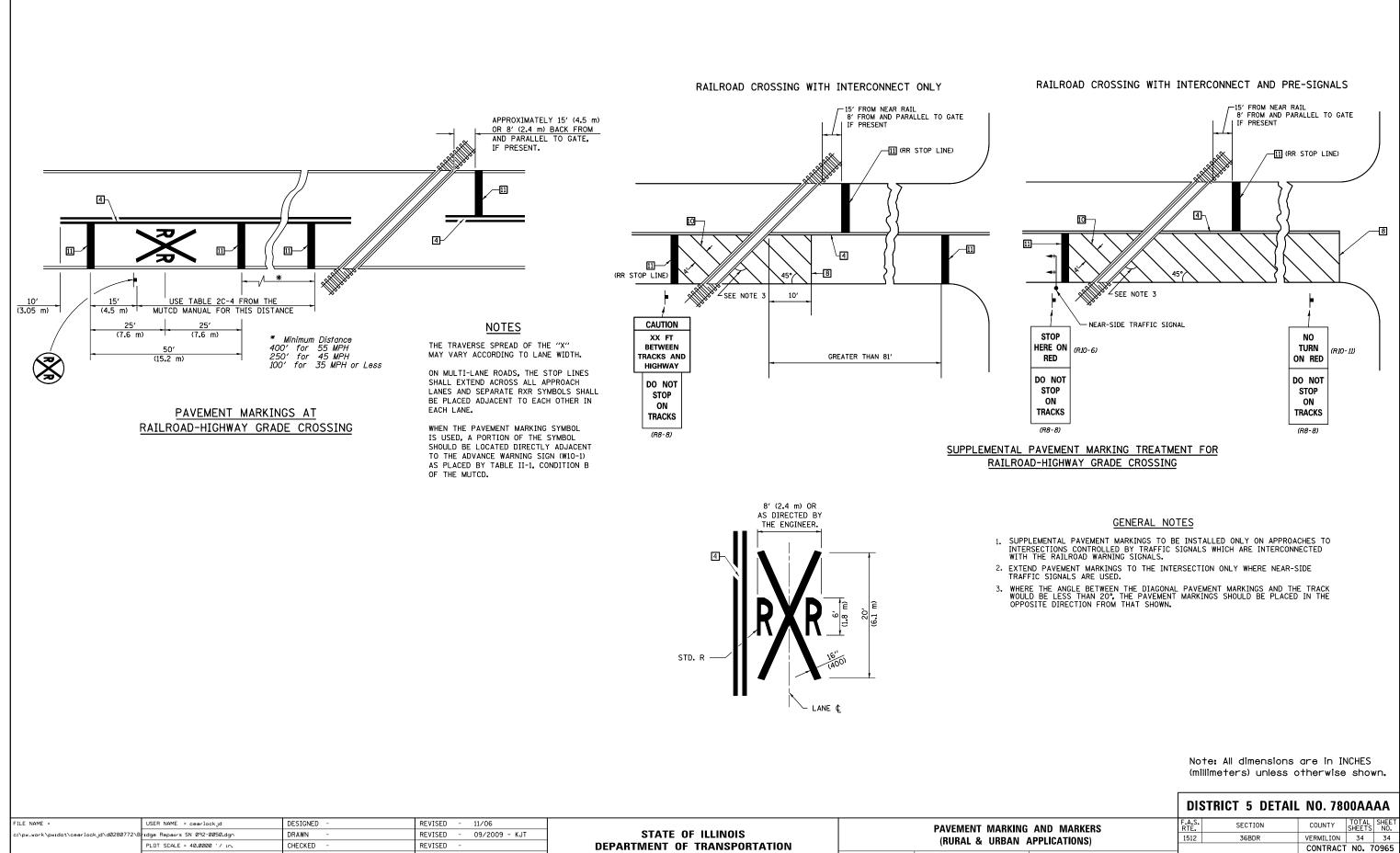


PLOT DATE = 2/25/2013

DATE

REVISED

					DISTRICT 5 DETAIL NO. 7800AAAA				
STATE OF ILLINOIS IMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
				1512	36BDR	VERMILION	34	33	
							CONTRACT	F NO. 70	0965
	SCALE:	SHEET NO. 3 OF 4 SHEETS	STA.	TO STA.	FED. RC	DAD DIST. NO. ILLINOIS FED. A	D PROJECT		



TO STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

ILE NAME = :\pw_work\pwidot\cearlockjd\d0280772\B	USER NAME = cearlockjd ridge Repairs SN 092-0050.dgn	DESIGNED - DRAWN -	REVISED - 11/06 REVISED - 09/2009 - KJT	STATE OF ILLINOIS		PAVEMENT MARKING AND		
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	(RURAL & URBAN APPLIC)			
	PLOT DATE = 2/25/2013	DATE -	REVISED -		SCALE:	SHEET NO. 4 OF 4 SHEETS	STA.	