

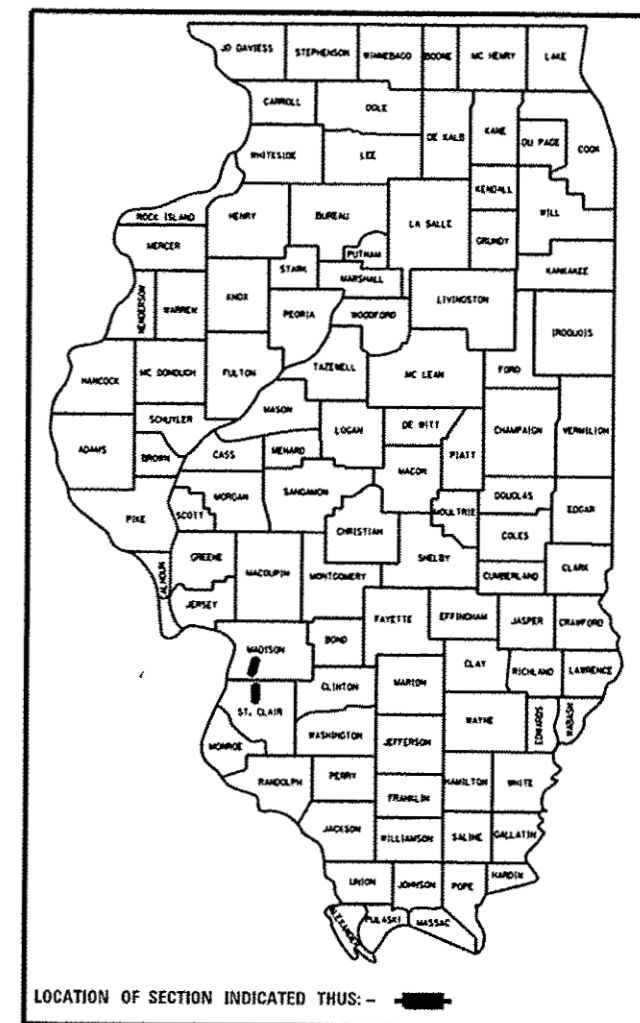
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

*38+12 = 50 TOTAL SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55/70/64	60-(6,7)BP-1, 82-(3,4)BP-1	MADISON ST. CLAIR ILLINOIS	38	1
			CONTRACT NO. 76K13	

*55/70/64

D-98-031-17



PROPOSED HIGHWAY PLANS

FAI ROUTE 55/70/64 (I-55/70/64)
SECTION 60-(6,7)BP-1, 82-(3,4)BP-1
BRIDGE PAINTING
MADISON & ST. CLAIR COUNTIES

C-98-020-17

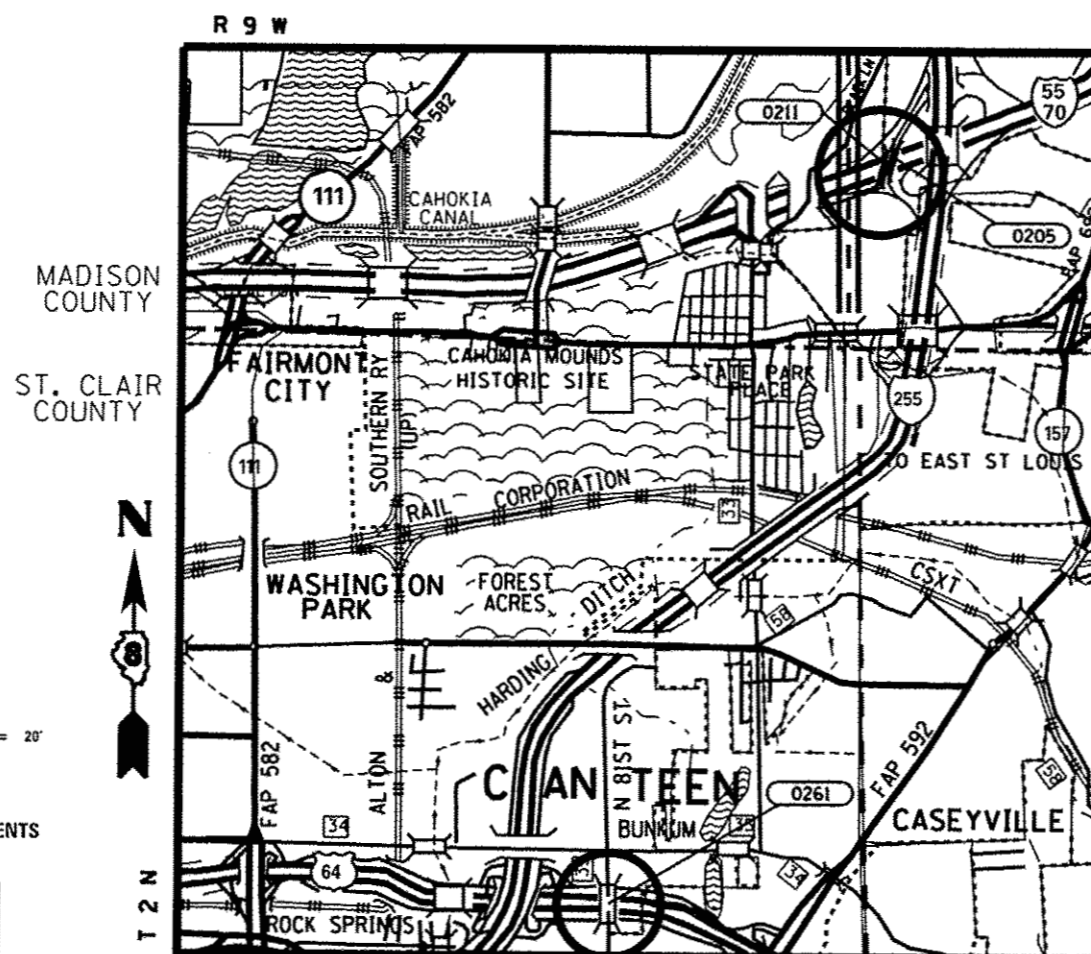
FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT

LOCATION 1 - SN 082-0261
2017 - 250

LOCATION 2 - SN 060-0211
2017 - 5800
SU = 10.34% MU = 8.19%

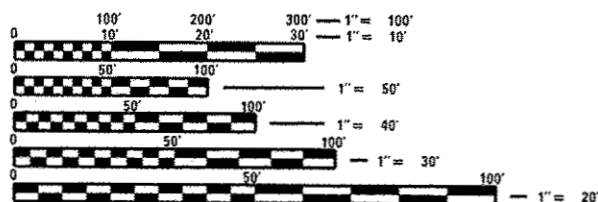
LOCATION 3 - SN 060-0205
2017 - 7900
SU = 5.06% MU = 22.15%



LOCATION 3 - SN 060-0205
2 CONTINUOUS STEEL GIRDER SPAN UNITS AND
2 PRECAST PRESTRESSED CONCRETE I-BEAM END
SPANS; REINFORCED CONCRETE VAULTED
ABUTMENTS AND REINFORCED CONCRETE SOLID PIER
TOTAL LENGTH - 209.0'
LATITUDE: 38.67152
LONGITUDE: -90.03396

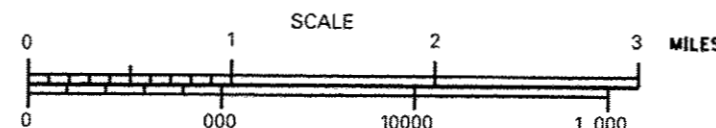
LOCATION 2 - SN 060-0211
2 CONTINUOUS STEEL GIRDER SPAN UNITS AND
2 PRECAST PRESTRESSED CONCRETE I-BEAM END
SPANS; REINFORCED CONCRETE VAULTED
ABUTMENTS AND REINFORCED CONCRETE SOLID PIER
TOTAL LENGTH - 352.0'
LATITUDE: 38.67177
LONGITUDE: -90.03309

LOCATION 1 - SN 082-0261
2 SPAN CONTINUOUS STEEL PLATE GIRDER
ON REINFORCED CONCRETE SOLID PIER AND VAULTED
ABUTMENTS
TOTAL LENGTH - 270.2'
LATITUDE: 36.61909
LONGITUDE: -90.06029



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



GROSS LENGTH = 831.2 FT. = 0.157 MILE
NET LENGTH = 831.2 FT. = 0.157 MILE

PROJECT ENGINEER: HERVÉ GELIN 618-346-3179
PROJECT MANAGER: BILLIE OWEN 618-346-3209
CONTRACT NO. 76K13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 21 2017

Jaffrey Z. Korvas
REGIONAL ENGINEER

Matthew M. Adis
ENGINEER OF DESIGN AND ENVIRONMENT

James A. Allen
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, LIST OF IDOT HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS
- 3-4 SUMMARY OF QUANTITIES
- 4A SCHEDULES
- 5-19 EXISTING STRUCTURE DETAILS
- 19A TRAFFIC CONTROL DETAILS
- 20-30J TRAFFIC CONTROL PLAN SHEETS
- 31-38 DETOUR PLAN SHEETS

STANDARDS

- 000001-06
- 001006
- 701400-09
- 701401-10
- 701411-09
- 701428-01
- 701446-08
- 701451-04
- 701901-06
- 704001-08

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E (1-800-892-0123 OR 811) OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY.
2. A MINIMUM OF TWO AIR MONITORS WILL BE REQUIRED AT LOCATION 1 (SN 082-0261) TO MONITOR ABRASIVE BLASTING OPERATIONS. SEE SPECIAL PROVISIONS FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES."
3. THE SSPC-QP1 AND SSPC-QP2 CERTIFICATIONS WILL BE REQUIRED FOR ALL BRIDGES.
4. FOR LOCATION 1 (SN 082-0261), CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES". ALL EXISTING STEEL SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING - SPPC-SP10. ALL EXISTING STEEL SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1-0Z/E/U. THE COLOR OF THE FINAL COAT FOR ALL SURFACES SHALL BE GRAY, MUNSELL NO. 5B 7/1.
5. FOR LOCATION 2 AND 3 (SN 060-205, SN 060-0211), CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES". ALL EXISTING STEEL SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1-0Z/E/U. THE COLOR OF THE FINAL FINISH COAT FOR ALL INTERIOR STEEL SURFACES SHALL BE GRAY, MUNSELL NO 5B 7/1. THE COLOR OF THE FINAL FINISH COAT FOR THE EXTERIOR AND BOTTOM FLANGE OF THE FASCIA BEAMS SHALL BE REDDISH BROWN, MUNSELL NO 2.5 YR 3/4.
6. ALL TURF AREA DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE EROSION CONTROL AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN AT THE CONTRACTOR'S EXPENSE.
7. THE USE OF CONES SHALL NOT BE PERMITTED ON THIS PROJECT
8. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT LOCATIONS AND THE ENTRANCE OF ANY INTERCHANGES AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE, 48".
9. ADDITIONAL CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. CHANGEABLE MESSAGE SIGNS SHALL BE PLACED TWO (2) WEEKS PRIOR TO ANY LANE RESTRICTIONS AS DIRECTED BY THE RESIDENT ENGINEER.
10. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSE WORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL- TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

COMMITMENTS

NONE

LANE SCHEDULE

	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM	12:00 AM							
I-64 WB & EB CD																																
ONE LANE OPEN						N	N	N						N	N	N																
WB I-64 MAINLINE																																
TWO LANES OPEN						N	N	N																								
ONE LANE OPEN						N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N											
EB I-64 MAINLINE																																
TWO LANES OPEN													N	N	N																	
ONE LANE OPEN						N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N											
WB 55/70 MAINLINE																																
TWO LANES OPEN						N	N	N																								
ONE LANE OPEN						N	N	N	N	N												N	N	N								
EB 55/70 MAINLINE																																
TWO LANES OPEN													N	N	N																	
ONE LANE OPEN												N	N	N	N	N																
ADDITIONAL FRIDAY RESTRICTION (ALL LANES OPEN)																																
APPLIES TO I-55/70 ONLY												N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						

LANE CLOSURE ALLOWED

*55/70/64
 **60-(6,7)BP-1, 82-(3,4)BP-1
 ***MADISON, ST. CLAIR

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				100 % STATE/URBAN ✓		
				ST. CLAIR	MADISON	
				MINOR STRUCTURES 0014 ✓ 082-0261	MINOR STRUCTURES 0014 ✓ 060-0211	MINOR STRUCTURES 0014 ✓ 060-0205
67100100	MOBILIZATION	LSUM	1	0.4	0.3	0.3
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	4		2	2
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4		2	2
70100430	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	EACH	4		2	2
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	LSUM	1	0.4	0.3	0.3
70107006	PAVEMENT MARKING BLACKOUT TAPE, 6"	FOOT	12506	12506		
70200100	NIGHTTIME WORK ZONE LIGHTING	LSUM	1	0.4	0.3	0.3
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	6253	6253		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2075	2075		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2450	2450		
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2		
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2		
X0326808	INTERSTATE WEEKEND CLOSURE, SPECIAL	LSUM	1	0.4	0.3	0.3
X5060601	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 1	LSUM	1		0.5	0.5
X5060602	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 2	LSUM	1			1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1		

14

*55/70/64
 **60-16,71BP-1, 82-13,4BP-1
 ***MADISON, ST. CLAIR

FILE NAME :	USER NAME : manum	DESIGNED -	REVISED -
p:\L\094EBID\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 8\Projects\0876\DRAWING\DATA\GAD\Sheets\0876K13-sht-500.dgn		CHECKED -	REVISED -
PLOT SCALE = 100.0000' / 1" =		DATE -	REVISED -
PLOT DATE = 3/28/2017			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	38	3
			CONTRACT NO. 76K13	
[ILLINOIS] FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

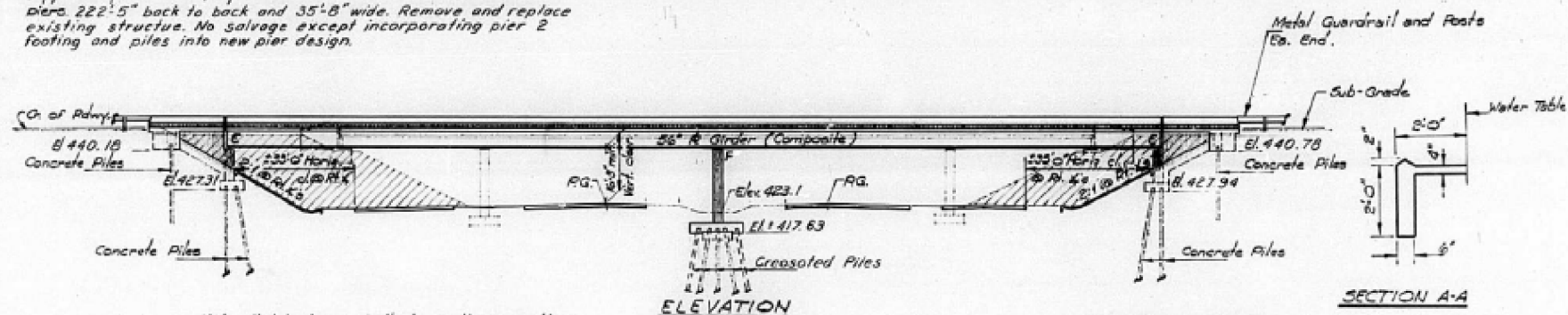
PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116-118-1	St. Clair	St. Clair	16	14

B.M. R.R. spike in 60' cottonwood 200' Lt. Sta. 305+50
(F.A.I.-64) Elev. 422.91

Existing Structure: Built in 1927 as F.A.I. 64, Sec. 82-4HB of Sta. 305+37.29. Four open continuous structure. CB2-0108 Superstructure consists of wide flange steel beams supporting RC. slab, spill-thru abutments and hammer-head piers 22'-5" back to back and 35'-8" wide. Remove and replace existing structure. No salvage except incorporating pier 2 footing and piles into new pier design.

GENERAL NOTES

See Proposal for Boring Data.
Fasteners shall be high strength bolts. Bolts $\frac{3}{4}$ " open holes $\frac{13}{16}$ ", unless otherwise noted.
Calculated weight of Structural Steel = 358,280 Lbs. M223, Grade 50
29,370 Lbs. M-163
The Basic Lead Silico Chromate paint system shall be used for shop and field painting of structural steel, and the final field coat shall be brown. See Special Provisions.
Field welding of construction accessories will not be permitted to the bottom flange of beams or girders nor to the top flange for a distance equal to one-fourth the span length each way from the pier supports. Field welding in other areas will be permitted only when approved by the Engineer.
Anchor bolts shall be set before bolting cross frames over supports.
Slope wall shall be reinforced with welded wire fabric 6" x 6" mesh, weighing 58# per 100 sq. ft.
The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.
The concrete rail section above the mandatory construction joint at the top of the slab shall be constructed of Class X Concrete, except the aggregates shall conform to the requirements of Normal Concrete.
Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of ± 8 min. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two 1/2" adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each bearing in addition to all other plates or shims.
The main load carrying member components subject to tensile stress shall conform to the Supplemental Requirements for Notch Toughness Zone 2. These components are the tension flanges, webs and all splice plate material of the steel girders.
All reinforcement bars shall conform to the requirements of AASHTO M-31 or M-53, Grade 60.
The Contractor shall drive two concrete test piles in permanent locations: one at the N. Appr. Bent and one at the S. Abut., and shall drive one creosoted test pile in a permanent location of the pier, as directed by the Engineer before ordering the remainder of piles.

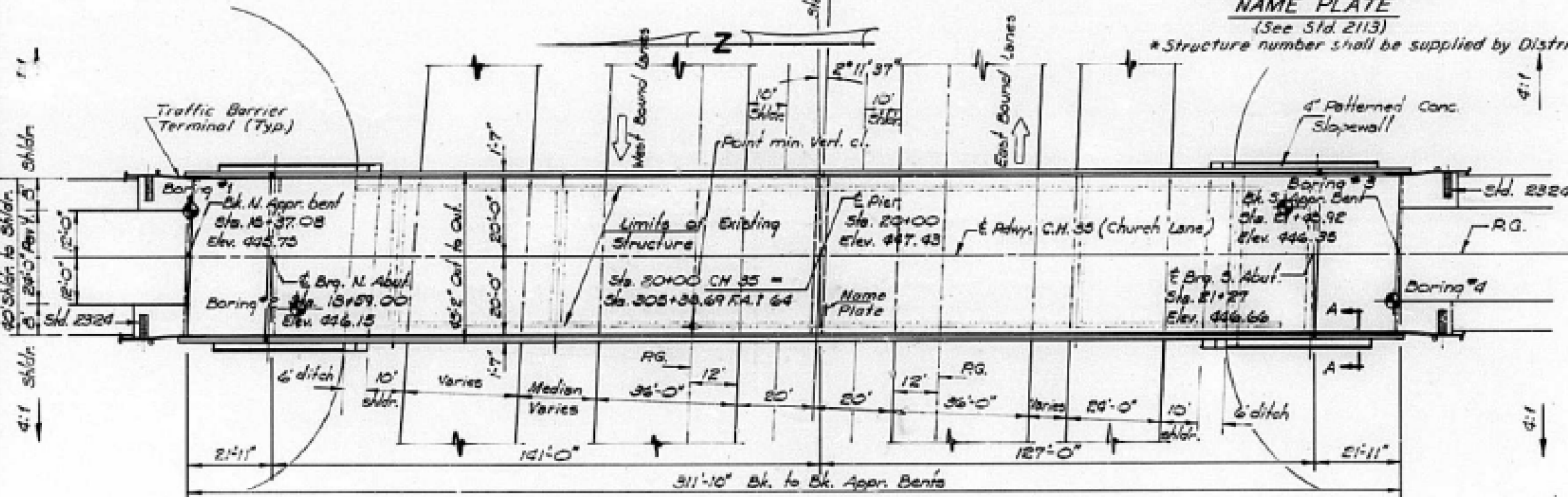


Note: Hatched areas indicate earth excavation

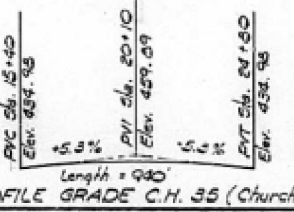
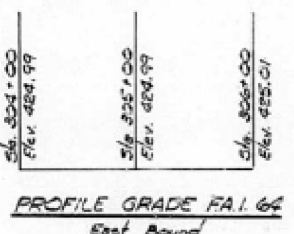
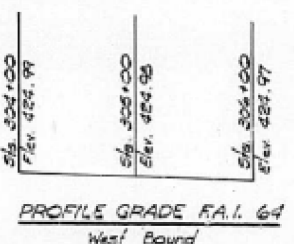
STATION 305+38.69
BUILT 1927 BY
STATE OF ILLINOIS
F.A.I. RT. 270 SEC. 82-2HB-1
CA PROJ. I-270-7(66)
LOADING HS20
* STR. NO.

NAME PLATE
(See Std. 2113)

* Structure number shall be supplied by District.

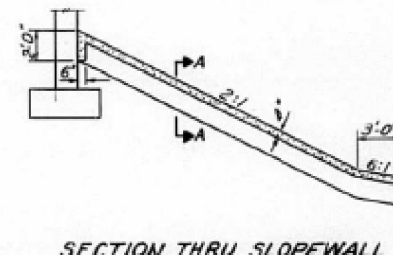


PLAN

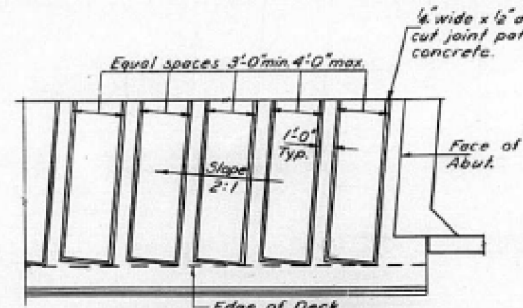


TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.	Total
Sand Backfill	Cu. Yds.		307	307
Removal of Existing Structures	Each		1	1
Structure Excavation	Cu. Yds.		498	498
Protective Coat	Sq. Yds.	1,642		1,642
Class X Concrete	Cu. Yds.	4219	3616	7835
Structural Steel	L. Sum			L.S.
Stud Shear Connectors	Each	2115		2115
Reinforcement Bars	Lbs.	54,960	28,730	83,690
Rein. Bars (Epoxy Cfd.)	Lbs.	65,930		65,930
Creosoted Piles over 38 ft.	Lin. Ft.		1,435	1,435
Concrete Piles	Lin. Ft.		1,762	1,762
Test Piles (Creosoted)	Each		1	1
Test Piles (Concrete)	Each		2	2
Name Plates	Each		1	1
Sloped Wall (4')	Sq. Yds.		291	291
Neoprene Expansion Joint (2')	Lin. Ft.	84		84



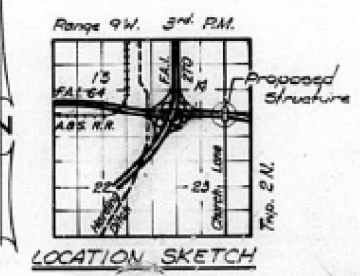
SECTION THRU SLOPEWALL



PATTERNED SLOPEWALL DETAIL

DESIGN STRESSES
 $f_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 36,000$ to 50,000 psi (Structural Steel)
 ** Top layer of reinforcement in deck shall be epoxy coated.

LOADING HS 20-44
 Allow 25 #/sq. ft. for future wearing surface
 Design Specifications, AASHTO 1977 and 1978 interim.



LOCATION SKETCH

GENERAL PLAN & ELEVATION
 C.H. 35 (Church Lane) Over F.A.I. Route 64
 F.A.I. RT. 270 SEC. 82-2HB-1
 ST. CLAIR COUNTY
 Sta. 305+38.69

Rev. 4-19-79

NOT TO SCALE

FILE NAME =	USER NAME = manntm	DESIGNED -	REVISED -
pw\11084EBIDINTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 8\Projects\0876\DRAWING\DATA\Sheets\0876K13-sh1-typico		CHECKED -	REVISED -
MODELNAME =	PLOT DATE = 3/28/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - SN 082-0261
LOCATION 1

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

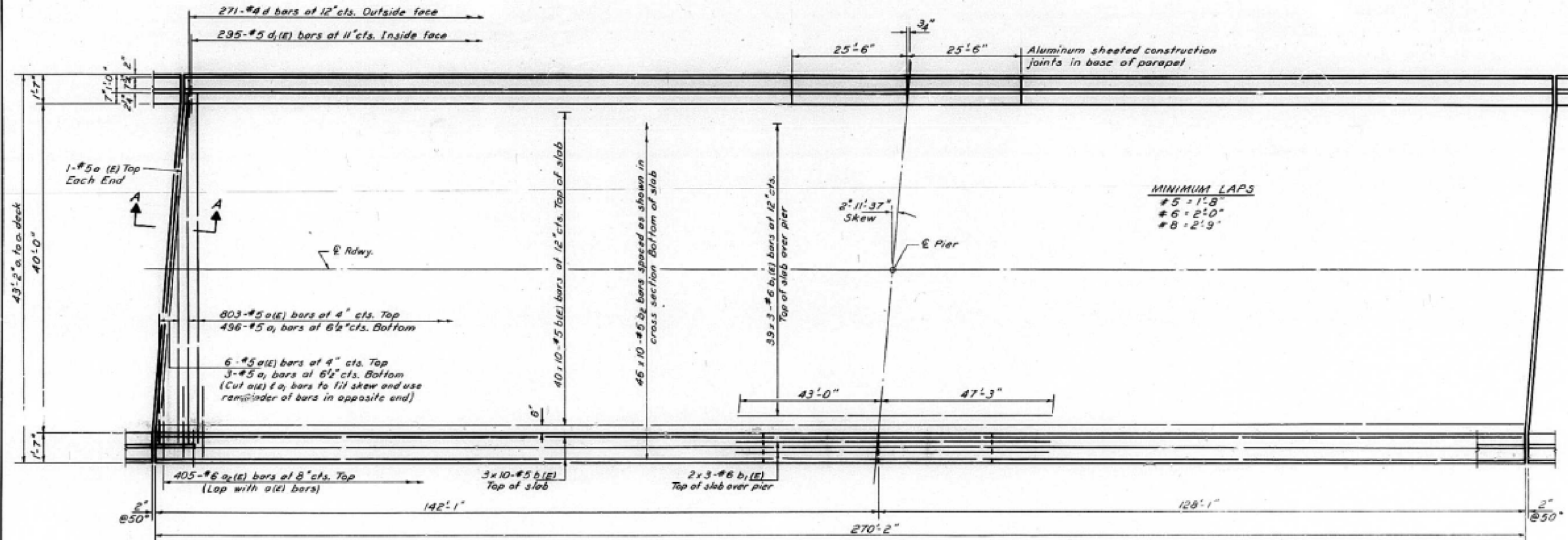
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	5
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

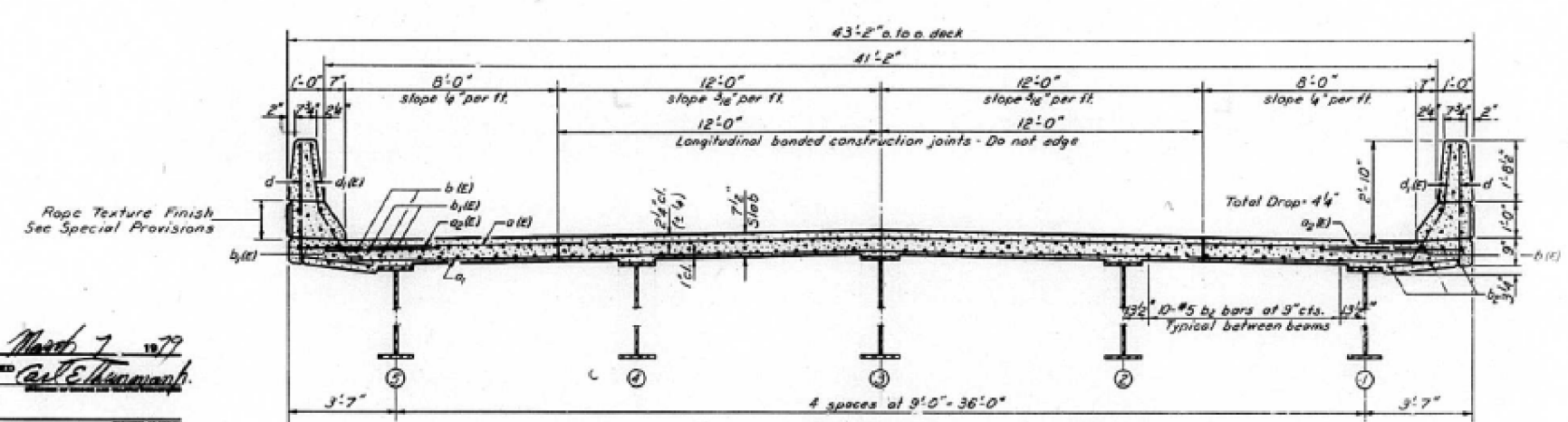
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SECTION	NO.	DATE	BY	CHKD.
82-	54	11/19	DA	19

SHEET NO. 4
14 SHEETS



PLAN



CROSS SECTION
LOOKING SOUTH

NOTES:
See Sheet 5 for superstructure details and Bill of Material.
Reinforcement bars designated (E) shall be epoxy coated. See Special Provisions.
Bars indicated thus 20 x 3 #5 etc indicate 20 lines of bars with 3 lengths per line.

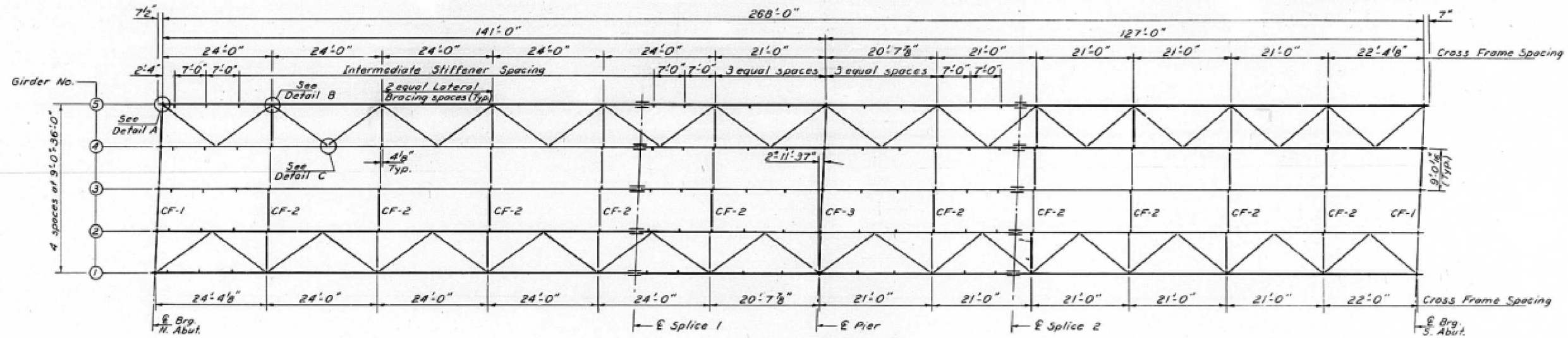
DESIGNED	St. J. Nguyen	EXAMINED	March 7, 1979 C. E. Thompson
CHECKED	Thomas S. Kordis	PASSED	
DRAWN	R. R. Summer	APPROVED	
CHECKED	T. S. K.		

SUPERSTRUCTURE
F.A.I. RT. 270 SEC. 82-2HB-1
ST. CLAIR COUNTY
STA. 305+38.69

NOT TO SCALE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

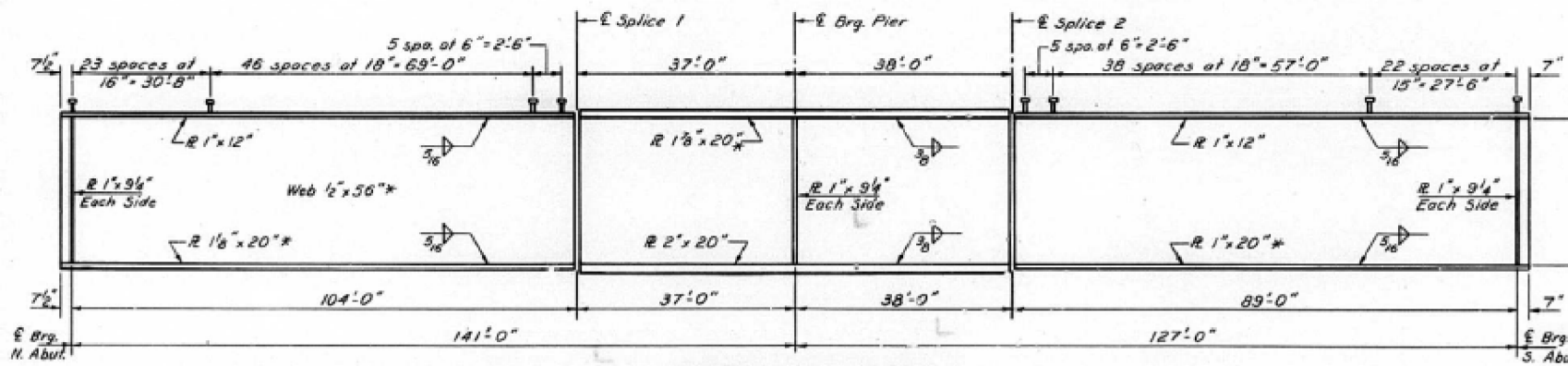
DATE	BY	CHKD	APP'D	SHEET NO.
11/10/11	11/10/11	11/10/11	11/10/11	14
PROJECT NO. 082-0261				ST. CLAIR COUNTY
SECTION NO. 2				STATION 305+38.69



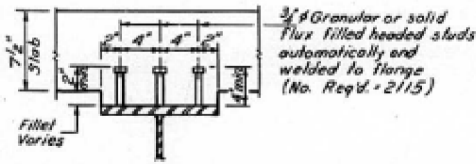
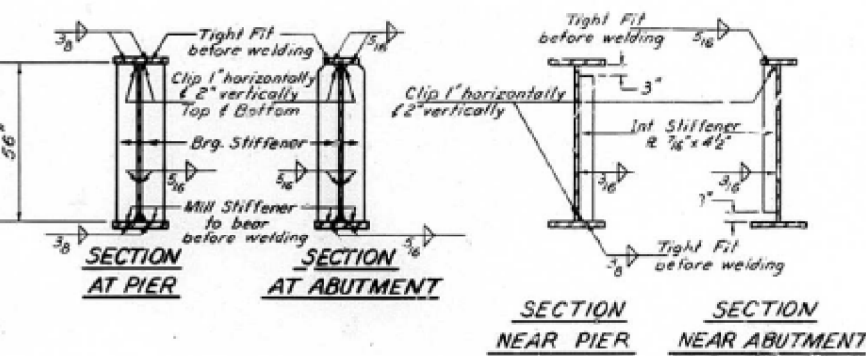
FRAMING PLAN

All structural steel shall be AASHTO-M 1083, except the Plate Girder Webs and flanges, stiffeners, splice plates and bearings shall meet the requirements of AASHTO-M 223, Grade 50.

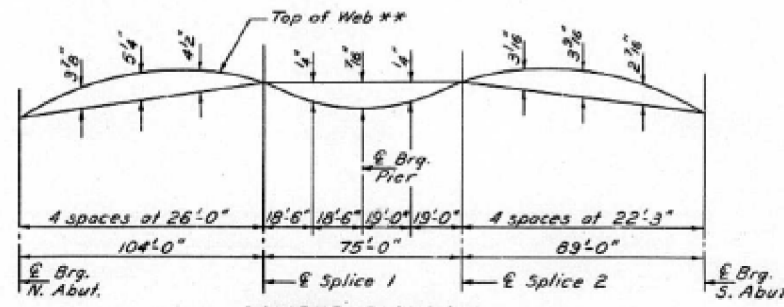
* Shall conform to the Supplemental Requirements for Notch Toughness (Zone 2).



GIRDER ELEVATION



SECTION A-A



CAMBER DIAGRAM

** For Top of Web Elevations of Splices & Bearings see table on this Sheet.

TOP OF WEB ELEVATIONS
(For Fabrication only)

Location	E Brg. N. Abut.	E Splice 1	E Brg. Pier	E Splice 2	E Brg. S. Abut.
1	445.05	446.27	446.23	446.26	445.57
2	445.23	446.45	446.40	446.43	445.76
3	445.38	446.59	446.54	446.57	445.89
4	445.24	446.43	446.40	446.43	445.75
5	445.05	446.27	446.23	446.26	445.57

NOTE: Work this Sheet with Sheet 9

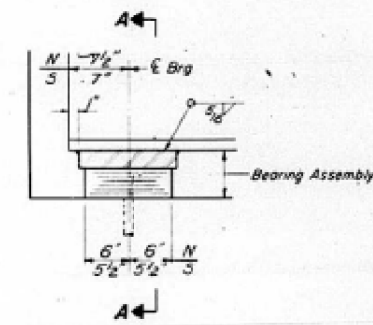
STRUCTURAL STEEL
F.A.I. RT. 270 SEC. 82-2NB-1
ST. CLAIR COUNTY
STA. 305+38.69

DESIGNED: Stone A. Meyer
CHECKED: Thomas S. Koster
DRAWN: R.P. Sumner
CHECKED: TSK.
EXAMINED: [Signature]
PASSED: [Signature]
APPROVED: [Signature]

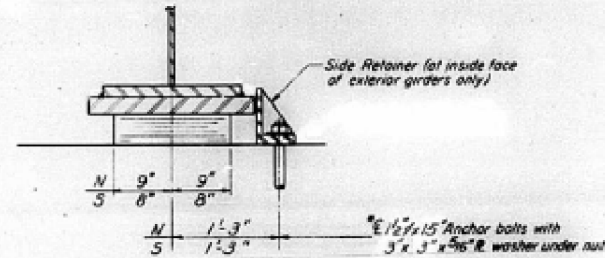
NOT TO SCALE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

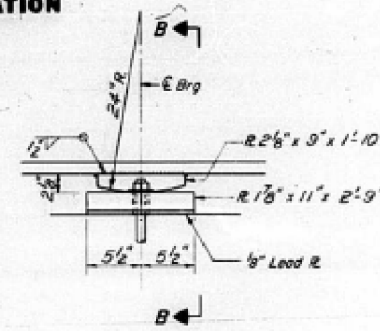
PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11270	82-1	ST. CLAIR	49	25
SHEET NO. 10 14 SHEETS				



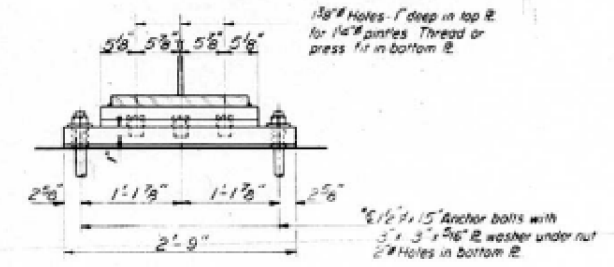
SECTION AT ABUT.



SECTION A-A



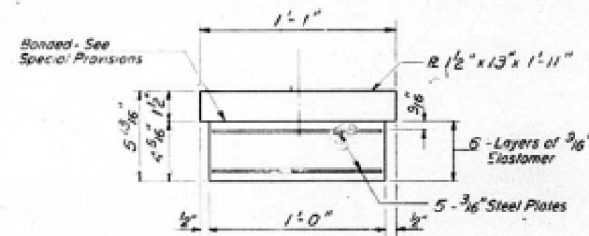
ELEVATION AT PIER



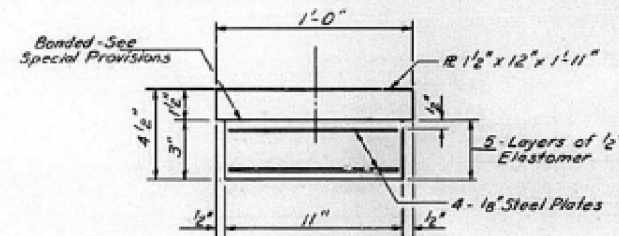
SECTION B-B

TYPE I ELASTOMERIC EXP. BRG.

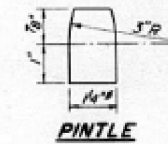
Note: After beams have been erected holes of expansion bearings shall be drilled and anchor bolts grouted in place. Anchor bolts of fixed bearings may be built into the masonry.



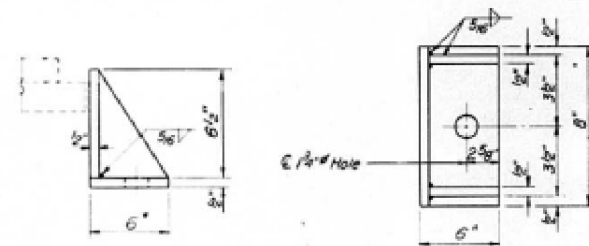
BEARING ASSEMBLY
(AT N. ABUTMENT)



BEARING ASSEMBLY
(AT S. ABUTMENT)



PINTLE



SIDE RETAINER

NOTE: Cost of Bearing Assemblies shall be incidental to Structural Steel.

DESIGNED <i>Justin Hagan</i>	EXAMINED <i>March 2 1977</i>
CHECKED <i>Thomas E. Kerck</i>	PASSED <i>Carl S. Williams</i>
DRAWN <i>R. P. Summer</i>	APPROVED _____
CHECKED <i>T.S.K.</i>	DIRECTOR OF HIGHWAYS

I-2-EI 2-1-76

BEARING DETAILS
I. A. I. RT. 270 SEC. 82-2HB-1
ST. CLAIR COUNTY
STA. 305+38.69

NOT TO SCALE

FILE NAME =	USER NAME = manntm	DESIGNED -	REVISED -
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 8\Projects\0876\Drawings\CAD\Sheets\0876K13-shr-typical.dwg		CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 3/28/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - SN 082-0261
LOCATION 1

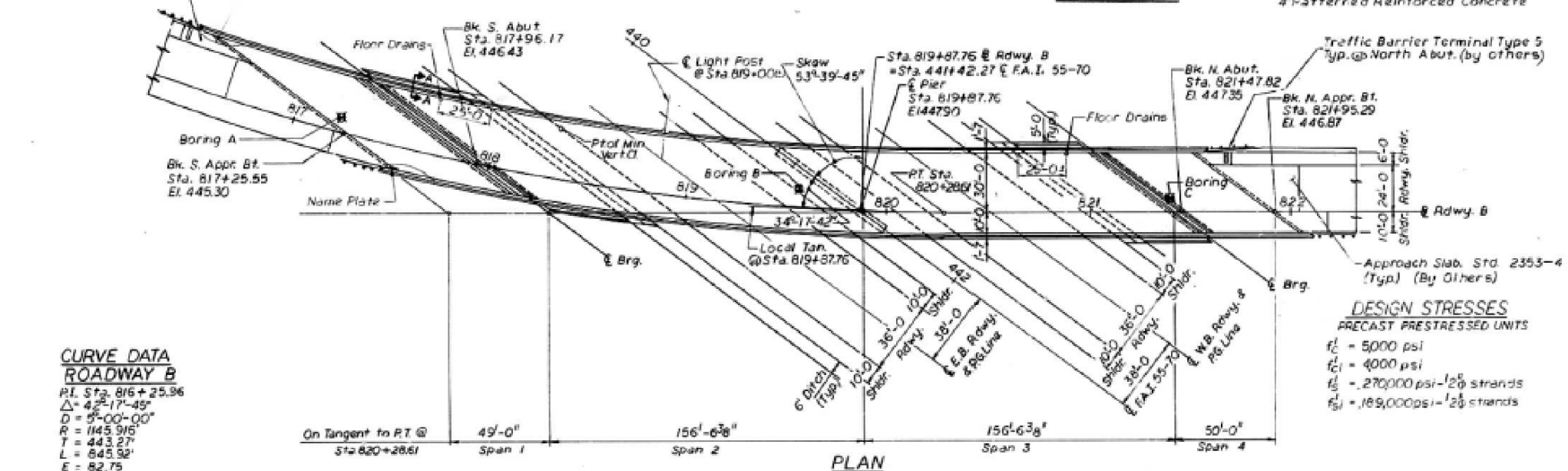
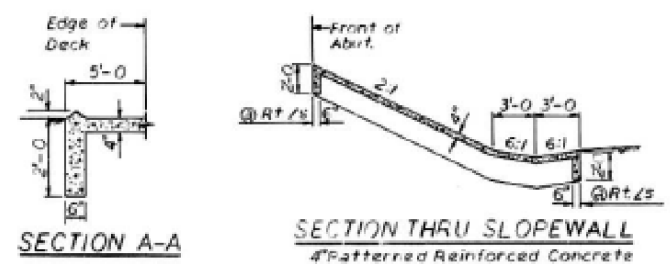
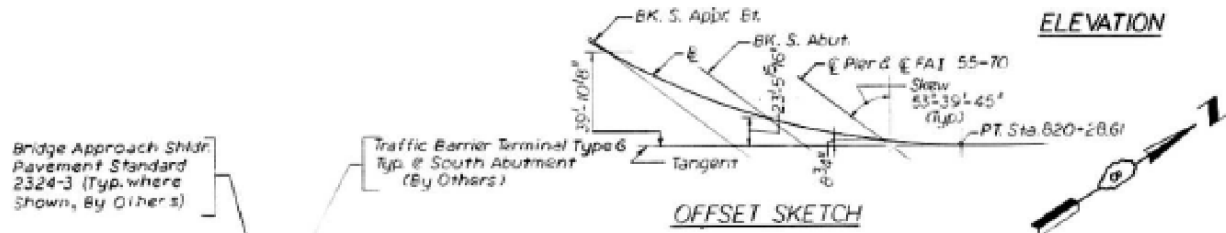
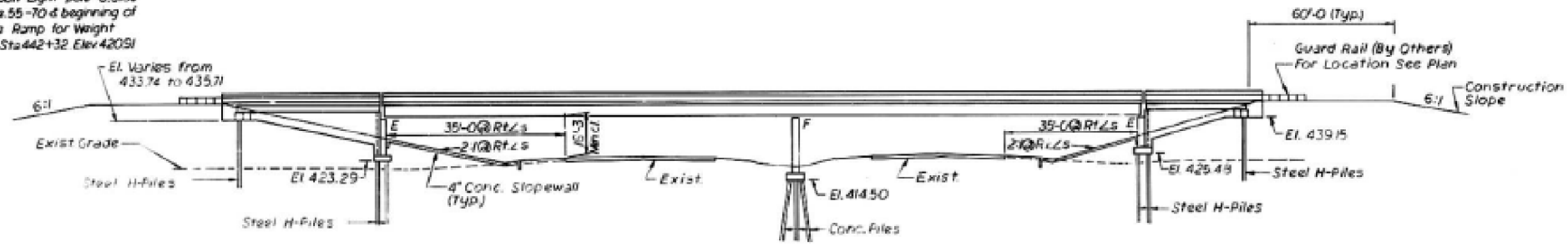
SCALE: NONE SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	...	38	9
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

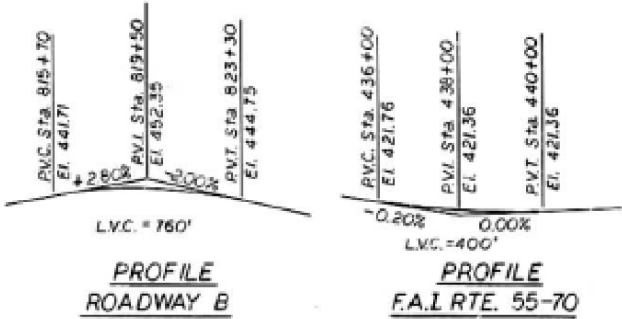
•55/70/64
•60-(6,7)BP-1, 82-(3,4)BP-1
••MADISON, ST. CLAIR

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 255	60-78B-2	MADISON	196	127
FED. ROAD DIST. NO. 7 (LLNOS) PROJ.				

B.M.-17-B Top N.E. Bolt Light pole S. Side
F.A.I. Rte. 55-70 & beginning of
Entrance Ramp for Weight
Station Sta. 442+32 Elev. 420.91



CURVE DATA ROADWAY B
 P.I. Sta. 816+25.96
 $\Delta = 42^{\circ}17'45''$
 $D = 9^{\circ}00'00''$
 $R = 1145.915'$
 $T = 443.27'$
 $L = 645.92'$
 $E = 82.75'$
 S.E. to Sta. 819+80.00 0.7%
 from Sta. 819+80.00 to Sta. 821+300.00 varies 0.7% to 0.156%
 from Sta. 821+300.00 to Sta. 821+300.00 cn. 0.156%



DESIGN STRESSES
 PRECAST/PRESTRESSED UNITS
 $f'_c = 5000$ psi
 $f'_t = 4000$ psi
 $f'_s = 270,000$ psi - 12# strands
 $f'_s = 189,000$ psi - 12# strands

DESIGN STRESSES
 Load Factor Design for Slab.
 $f'_c = 3500$ p.s.i.
 $f'_t = 60,000$ p.s.i.*
 $f'_s = 20,000$ p.s.i. (M183) & 27,000 p.s.i. (M223) Grade 50 & (M222) Structural
 $f'_c = 14,000$ p.s.i., $f'_s = 24,000$ p.s.i. (Substructure)
 *Epoxy-coated bars shall be used in top of slab.
 Allow 25 p.s.f. for Fut. W.S. Loading: HS20-44 or Alternate Military Loading Design Specifications: A.A.S.H.T.O. 1977 (Service Load Design) & 1975, 1979 & 1980 Interims.



- GENERAL NOTES**
- See Proposal for Baring Data.
 - Fasteners shall be high strength bolts (ASTM A-193) 3/4" J, open bolts 1 1/2" J, unless otherwise noted.
 - Calculated weight of Structural Steel = M-160 = 41490 lbs
M-222 = 9170 lbs
M-223 (Gr. 50) = 315730 lbs
 - For painting Structural Steel see Special Provisions.
 - Field welding of construction accessories will not be permitted to the bottom flange of beams or girders nor to the top flange for a distance equal to one-fourth the span length each way from the pier supports. Field welding in other areas will be permitted only when approved by the Engineer.
 - Anchor bolts shall be set before putting cross frames over supports.
 - Slope wall shall be reinforced with welded wire fabric, 6" x 6" - #4.0 x #4.0, weighing 50 lbs. per 100 sq. ft.
 - The contractor shall drive 1 (one) steel HP12x74 test pile at each abutment and 1 (one) concrete test pile at the pier in permanent locations as directed by the Engineer before ordering the remainder of piles.
 - The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.
 - Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch. Adjustments shall be made either by grinding the surface or by shimming the bearing. Two 1/8" adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each pier bearing plate, in addition to all other plates or shims.
 - The main load carrying member components subject to tensile stress shall conform to the supplemental requirements for bolted toughness Zone 2. These components are the tension flanges, webs, and all splice plate material of the steel girders.
 - Reinforcement bars shall conform to the requirements of ASTM A-615 or A-616 Grade 60.
- * All Structural Steel (including Bearings) is ASTM A-572 except as noted on girder elevation.

BILL OF MATERIAL

ITEM	UNIT	SUB STRUCT	SUPER STRUCT	TOTAL
Structural Expedition	CUYD	14,389	—	14,389
Structural Steel	L.S.	—	0.58	0.58
Class X Concrete	CUYD	1011.6	725.8	1737.4
Reinforcement Bars	Lb.	92260	3790	96050
Reinforcement Bars (Epoxy-Coated)	Lb.	—	155290	155290
Protective Coat	SQYD	—	2560	2560
Neoprene Exp. Jt. (212)	Lb/Ft	—	172	172
Stud Shear Connector (34)	Ea.	—	2498	2498
Name Plates	Ea.	1	—	1
Slope Wall #4	SqYd	224	—	224
Steel Piles HP12x74	Lb/Ft	8364	—	8364
Steel Piles HP12x56	Lb/Ft	2095	—	2095
Test Pile Steel HP12x74	Ea.	2	—	2
Concrete Piles	Lb/Ft	2700	—	2700
Test Pile Concrete	Ea.	1	—	1
Elastomeric Bearings Type II	Ea.	—	12	12
Conduit System	L. Sum	—	0.96	0.96
Furnishing & erecting PRC I-Beam 36"	Lb/Ft	—	176	176
F&E PRC I-Beam 48"	Lb/Ft	—	276	276
Floor Drains	Each	—	4	4

ILLINOIS DIVISION OF HIGHWAYS			
FAI ROUTE 255			
PROJECT	SECTION 60-78B-2		
MADISON COUNTY			
GENERAL PLAN & ELEVATION			
ROADWAY B	STA. 819+87.76		
Designed By: A.U.	Drawn By: A.W.R.	Quantities By: —	
Checked By: L.P.	Checked By: L.P.	Checked By: —	
Rev. 3-30-88 D.D. revised			

TORNROSE, CAMPBELL & ASSOCIATES

APPROVED
 [Signature]

NOT TO SCALE

FILE NAME	USER NAME	DESIGNED	REVISED
pw\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\DOT Offices\District 8\Projects\0876\0876\DATA\GAD\Sheets\0876K13-sht-typical.dwg	manntm	—	—
		CHECKED	REVISED
		DATE	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - SN 060-0211
 LOCATION 2

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	10
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

DECK CROSS SLOPE DATA

Stations	Total Drop From @	Total Rise From @
to 819+8000	2'-1 3/16"	8' 3/8"
From 819+8000 to 821+3000 varies	from 2'-1 3/16" to 5' 5/8"	from 8' 3/8" to 1' 7/8"
From 821+3000 on	5' 5/8"	1' 7/8"

Sht. 8 of 25

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 255	60-7HB-2	MADISON	196	134
FED. ROAD DIST. NO. 7 ILLINOIS PROJ.				

SUPERSTRUCTURE BILL OF MATERIAL
Cont. from Sht. 7

Bar	No	Size	Length	Shape
e	27	#4	19'-6"	—
e1	12	#4	15'-0"	—
e2	21	#4	18'-5"	—
e3	12	#4	13'-6"	—
e4	24	#4	19'-5"	—
e5	21	#4	18'-6"	—
e6(E)	27	#4	19'-8"	—
e7(E)	12	#4	15'-0"	—
e8(E)	21	#4	18'-6"	—
e9(E)	21	#4	18'-5"	—
e10(E)	12	#4	13'-6"	—
e11(E)	24	#4	19'-5"	—
x(E)	10	#8	14'-0"	—
y(E)	60	#8	7'-0"	—
Reinforcement Bars (Epoxy Coated)				Lb 114,590
Class x Concrete				Cu. Yd. 463.1
Structural Steel				LS 1
Stud Shear Connectors				Ea 2898
Concrete Systems				LS -30

Weight of Bearing assemblies with Lead Plates & Anchor Bolts is included as Structure steel
Weight of Bearing Assemblies = 3970 lbs

For Reinf. Bar Bending Diagrams see Shts. 7 & 9

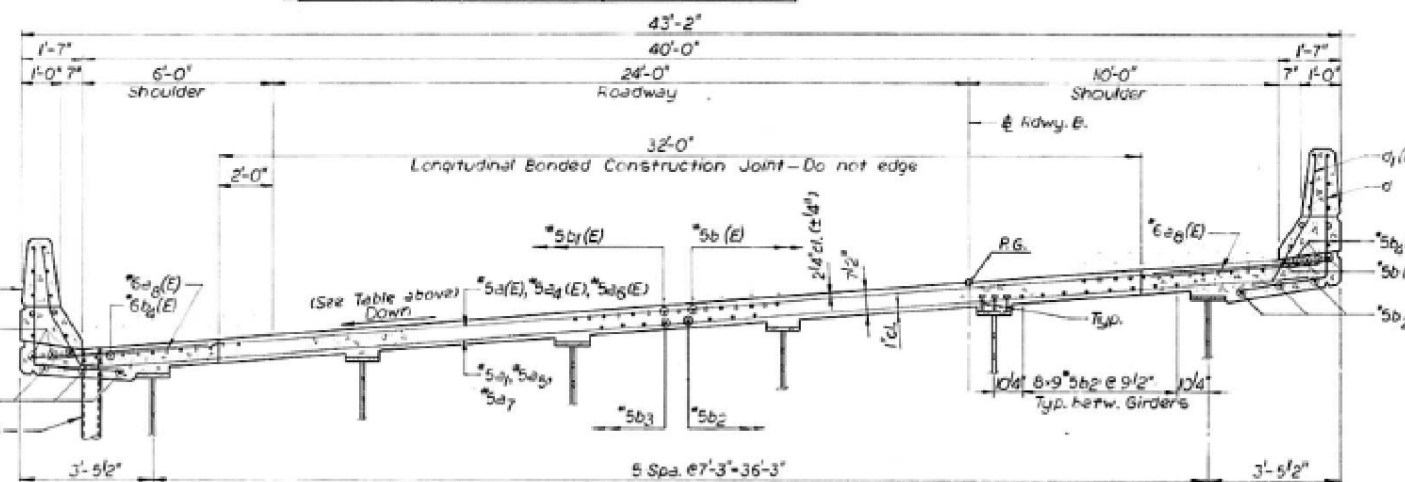
Notes

Reinforcement Bars designated (E) shall be Epoxy Coated; see Special Provisions.
Bars indicated thus: 40 x 6 - 5 etc. indicates 40 Lines of Bars with 6 Lengths per Line.

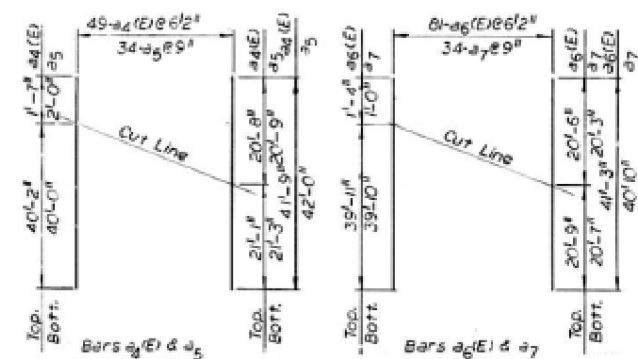
Min Bar Laps unless otherwise indicated:
#5 1'-0"
#6 2'-0"
#8 2'-6"

Abbreviations:
I, F = Inside Face
O, F = Outside Face
E, S = Each Side

Note: All reinf. bars in deck and parapets shall be epoxy coated.



TYP. CROSS SECTION (Looking North)



CUTTING DIAGRAM

Work this sht. with sht. 6, 7 & 9

ILLINOIS DIVISION OF HIGHWAYS			
F.A.I. ROUTE 255			
PROJECT		SECTION 60-7HB-2	
MADISON COUNTY			
SUPERSTRUCTURE CROSS SECTION AND DETAILS			
Designed By: S.K.	Drawn By: L.B.	Quantities By: L.B.	
Checked By: J.S.	Checked By: J.S.	Checked By: J.S.	

Rev. 6-2-88 J.D.

TORNROSE, CAMPBELL & ASSOCIATES



*55/70/64
**60-(6,7)BP-1, 82-(3,4)BP-1
***MADISON, ST. CLAIR

FILE NAME =	USER NAME = manntm	DESIGNED -	REVISED -
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#MODELNAME#	PLOT DATE = 3/28/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - SN 060-0211
LOCATION 2

SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	38	11
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

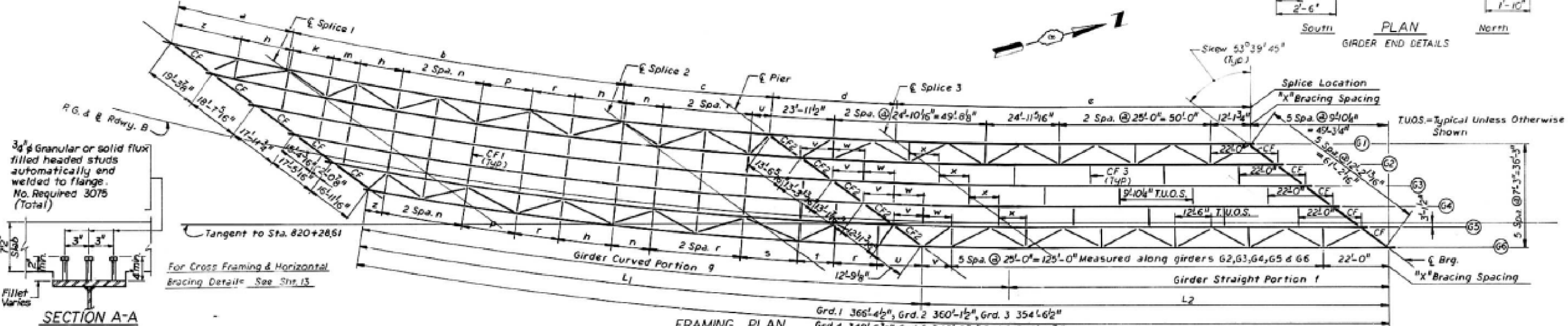
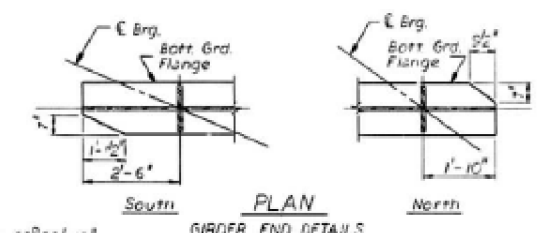
NOT TO SCALE

GIRDER DIMENSIONS

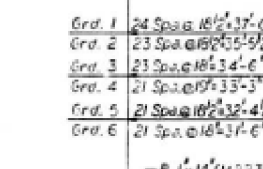
Grd	R	L1	a	b	c	d	e	f	g
G1	117'-9 1/2"	205'-7 1/2"	160'-8 1/2"	39'-6 1/2"	116'-3 1/2"	49'-10"	41'-8 1/2"	119'-0"	18'-5 1/2"
G2	1125'-0 1/2"	200'-0 1/2"	159'-7 1/2"	55'-1 1/2"	113'-2 1/4"	48'-11 1/2"	41'-10 1/2"	118'-6 3/4"	183'-5 1/2"
G3	1132'-3 1/2"	195'-9 1/2"	158'-9 1/2"	56'-11 1/2"	110'-8 1/2"	48'-13 1/2"	40'-0 1/2"	118'-2 1/4"	183'-15 1/2"
G4	1129'-8 1/2"	191'-5 1/2"	158'-0 1/2"	55'-9 1/2"	108'-3 1/2"	47'-4 1/2"	39'-11 1/2"	118'-0 1/2"	108'-0 1/2"
G5	1116'-9 1/2"	187'-6 1/2"	157'-5 1/2"	54'-10 1/2"	106'-0 1/2"	46'-8"	39'-3 1/2"	117'-11 1/2"	117'-10 1/2"
G6	1124'-0 1/2"	183'-11 1/2"	151'-0 1/2"	53'-11 1/2"	104'-0"	46'-0"	39'-0"	118'-0 1/2"	127'-8 1/2"

CROSS-FRAME SPACING

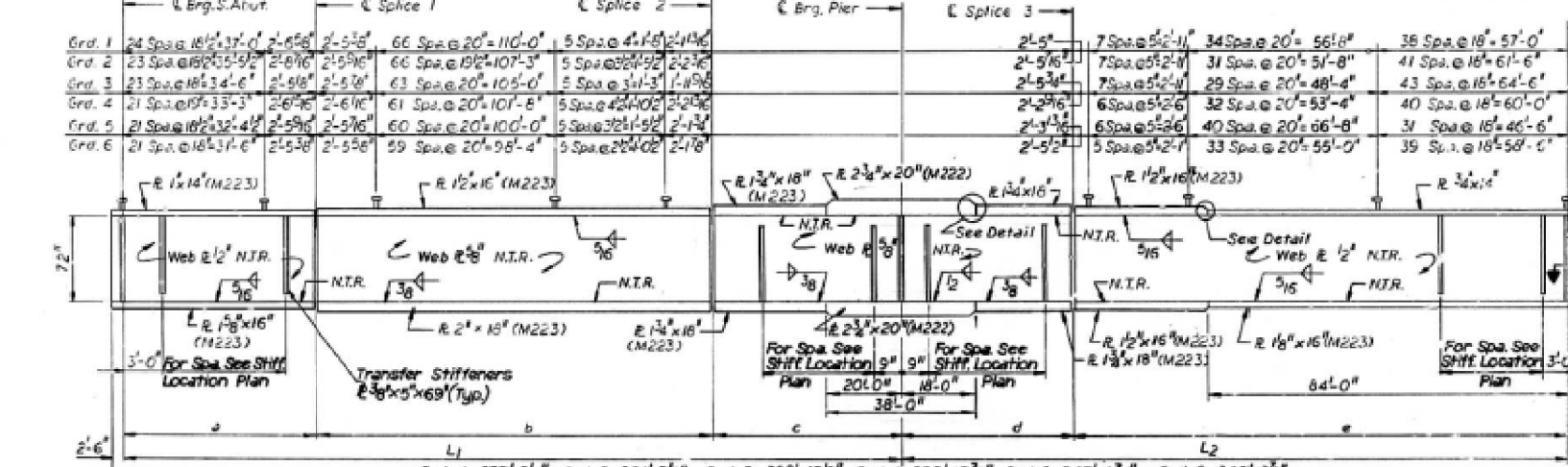
Grd	h	k	m	n	p	r	s	t	u	v	w	x	z
G1	15'-0 1/2"	16'-2 1/2"	11'-10 1/2"	14'-0 1/2"	15'-6"	14'-6 1/2"	15'-11 1/2"	13'-0 1/2"	4'-3 1/2"	—	—	—	27'-0 1/2"
G2	15'-1 1/2"	16'-3 1/2"	11'-11 1/2"	14'-1 1/2"	15'-7 1/2"	14'-7 1/2"	16'-1"	13'-1 1/2"	4'-3 1/2"	12'-7 1/2"	10'-2 1/2"	10'-0 1/2"	9'-3 1/2"
G3	15'-2 1/2"	16'-4 1/2"	12'-0 1/2"	15'-2 1/2"	15'-8 1/2"	14'-8 1/2"	16'-2 1/4"	13'-2 1/4"	4'-3 1/2"	10'-10 1/2"	10'-1 1/4"	9'-11 1/2"	9'-10 1/2"
G4	15'-3 1/2"	16'-5 1/2"	12'-1 1/2"	15'-3 1/2"	15'-9 1/2"	14'-9 1/2"	16'-3 1/2"	13'-3 1/2"	4'-3 1/2"	11'-0 1/2"	10'-0 1/2"	9'-10 1/2"	9'-2 1/2"
G5	15'-4 1/2"	16'-6 1/2"	12'-2 1/2"	15'-4 1/2"	15'-10 1/2"	14'-10 1/2"	16'-4 1/2"	13'-5"	4'-3 1/2"	10'-3 1/2"	9'-11 1/2"	9'-10 1/2"	8'-3 1/2"
G6	15'-6"	16'-9"	12'-3"	15'-6"	16'-0"	15'-0"	16'-6"	13'-6"	4'-3 1/2"	10'-0 1/2"	—	—	8'-11 1/2"



SECTION A-A



FRAMING PLAN



Girder	No. of Studs
G1	531
G2	528
G3	519
G4	504
G5	498
G6	495

LOCATION DIAGRAM FOR BEARINGS AND SPLICES

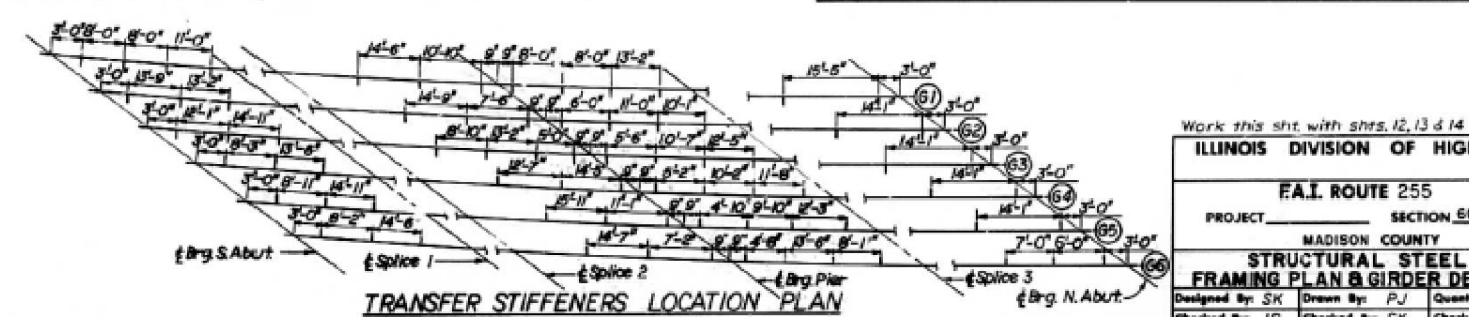
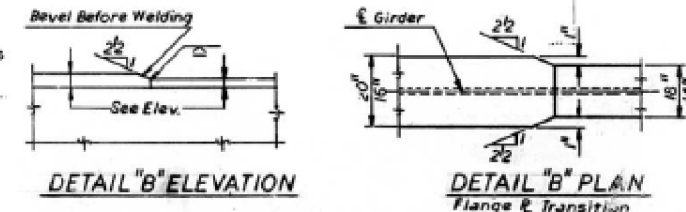


BEARING & SPLICE COORDINATE TABLE

Grd	@ Brg. S. Abut.	@ Spl. 1	@ Spl. 2	@ Brg. Pier	@ Spl. 3
G1	28'-2 1/4"	68'-0 1/2"	246'-6 1/2"	53'-7 1/2"	151'-7 1/2"
G2	28'-2 1/4"	53'-6 1/2"	231'-1 1/2"	45'-0 1/2"	120'-7 1/2"
G3	28'-2 1/4"	47'-6 1/2"	215'-1 1/2"	39'-9 1/2"	108'-7 1/2"
G4	28'-2 1/4"	41'-6 1/2"	200'-6 1/2"	34'-0 1/2"	97'-5 1/2"
G5	28'-2 1/4"	35'-6 1/2"	185'-6 1/2"	28'-0 1/2"	86'-5 1/2"
G6	28'-2 1/4"	29'-6 1/2"	170'-6 1/2"	21'-0 1/2"	75'-5 1/2"

NOTES:

All Ste Steel is M183 unless otherwise shown. N.T.R. denotes Notch Toughness Requirement.

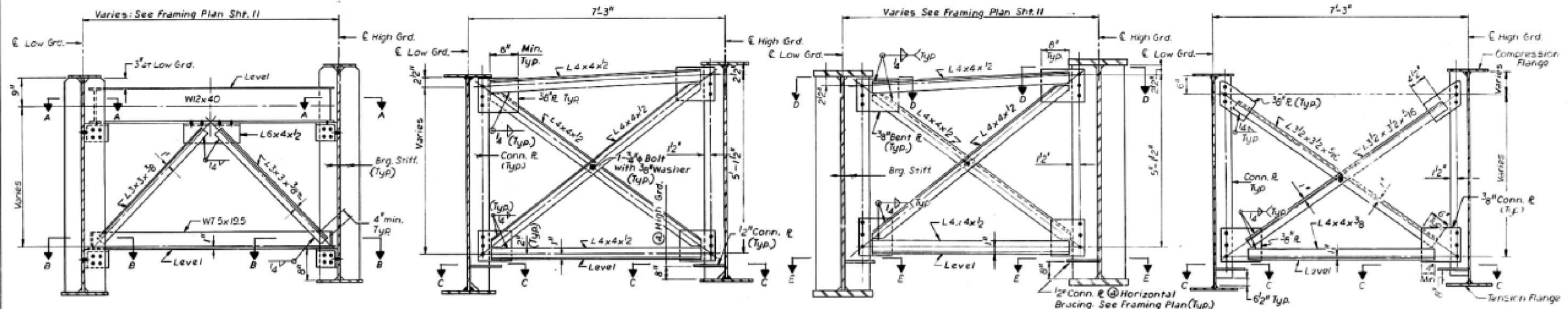


Work this sht. with shts. 12, 13 & 14
ILLINOIS DIVISION OF HIGHWAYS
FAI ROUTE 255
 PROJECT SECTION 60-7HB-2
 MADISON COUNTY
STRUCTURAL STEEL
FRAMING PLAN & GIRDER DETAILS
 Designed By: SK Drawn By: PJ Quantities By:
 Checked By: JS Checked By: SK Checked By:

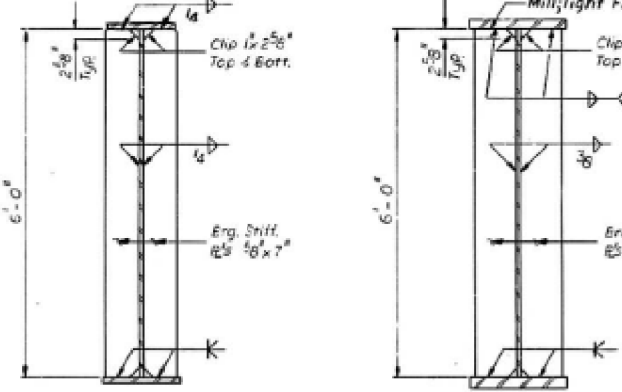
TORNROSE, CAMPBELL & ASSOCIATES

NOT TO SCALE

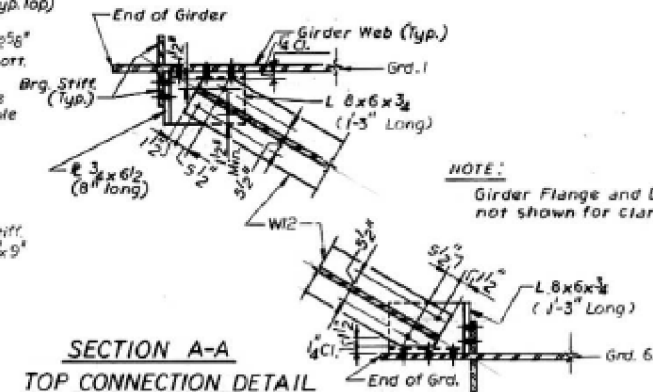
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 255	60-7HB-2	MADISON	196	139
FED. ROAD DIST. NO. 7 L.L.M.O.S. PROJ.				



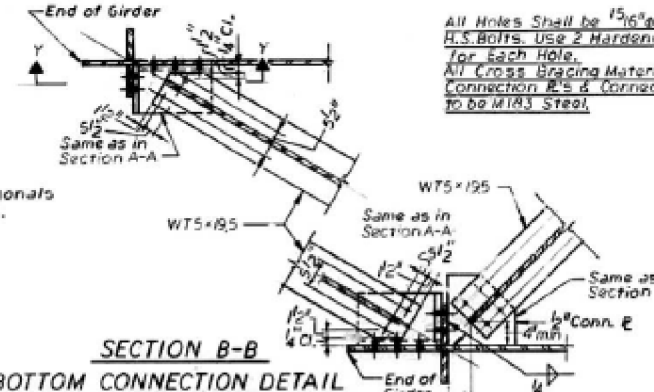
END CROSS FRAME (CF) At N. and S. Abuts. 5 (Five) Ea. Req'd
TYP. INTERIOR CROSS FRAME (CF 1) Betw. S. Abut. and Pier 61 (Sixty-one) Req'd
CROSS FRAME (CF 2) At Pier 5 (Five) Req'd
TYP. INTERIOR CROSS FRAME (CF 3) Betw. Pier and N. Abut. 30 (Thirty) Req'd



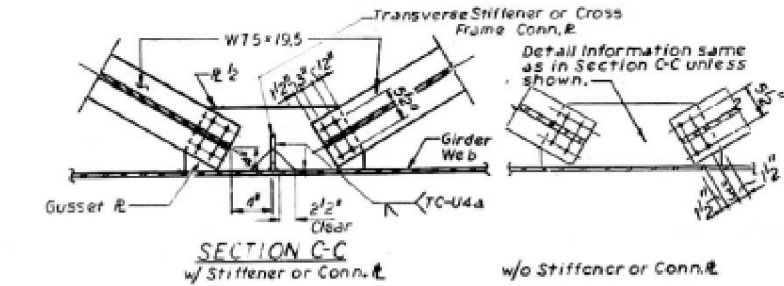
GIRDER SECTIONS
 AT ABUTMENTS AT PIER



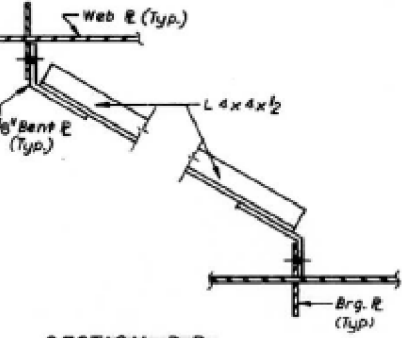
SECTION A-A
 TOP CONNECTION DETAIL
 AT ABUTMENT



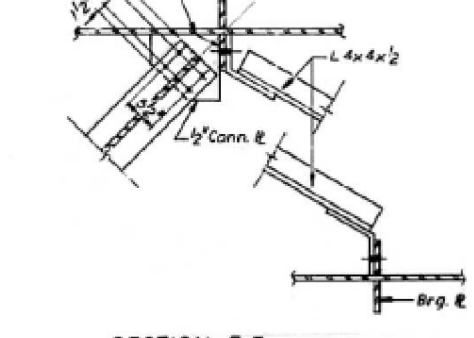
SECTION B-B
 BOTTOM CONNECTION DETAIL
 AT ABUTMENT



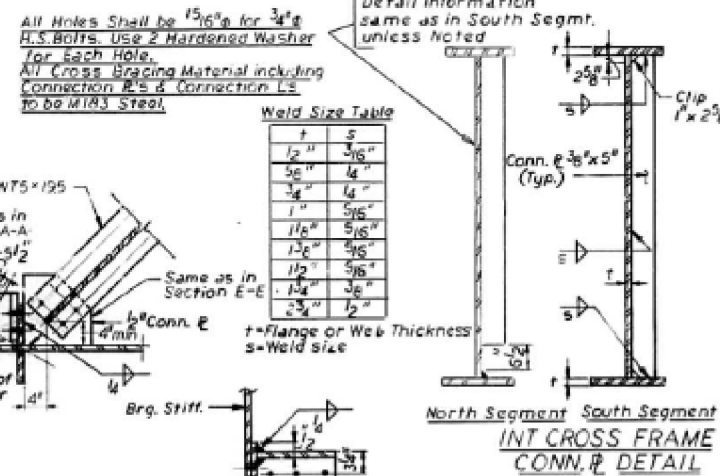
SECTION C-C
 BOTTOM CONNECTION DETAIL
 TYPICAL INTERIOR



SECTION D-D
 TOP CONNECTION DETAIL



SECTION E-E
 BOTTOM CONNECTION DETAIL



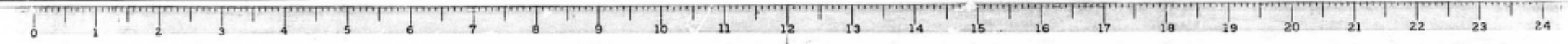
INT. CROSS FRAME CONN. & DETAIL
 North Segment South Segment

Weld Size Table

t	s
1/2"	3/8"
3/8"	1/4"
3/4"	1/2"
1"	3/8"
1 1/8"	1/2"
1 1/2"	3/4"
1 3/4"	1"
2"	1 1/8"

t = Flange or Web Thickness
 s = Weld Size

TORNROSE, CAMPBELL & ASSOCIATES



FILE NAME =	USER NAME = manntm	DESIGNED -	REVISED -
pw\11084EBIDINTEG.illinois.gov\PIWIDOTDocuments\DOT Offices\District 8\Projects\0876\DRAWING\DATA\Sheets\0876K13-shd-typical.dwg		CHECKED -	REVISED -
MODELNAME =	PLOT DATE = 3/28/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - SN 060-0211
LOCATION 2

SCALE: NONE SHEET 4 OF 5 SHEETS STA. TO STA.

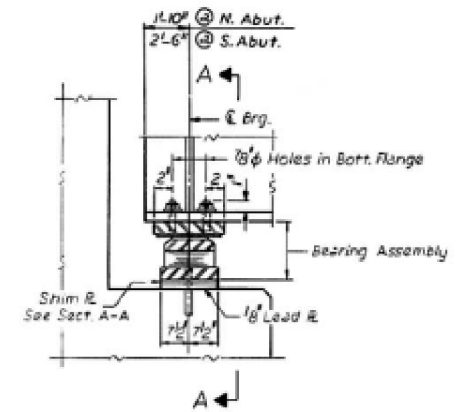
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	13
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

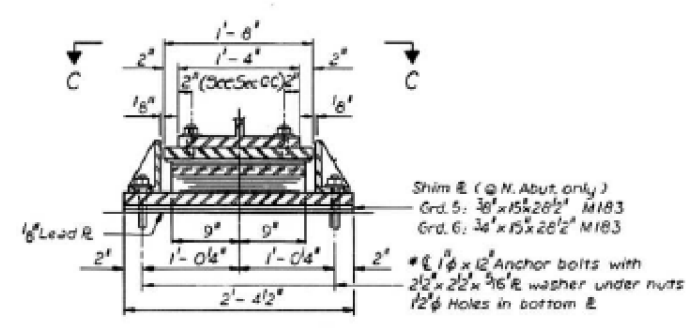
NOT TO SCALE

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.255	60-7HB-2	MADISON	196	140
FED. ROAD DIST. NO. 7 ILLINOIS PROJ.				

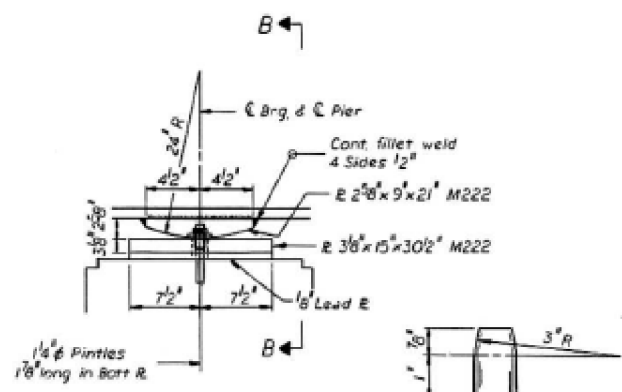
Sht. 14
of 25



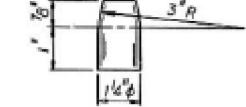
SECTION AT ABUTMENTS



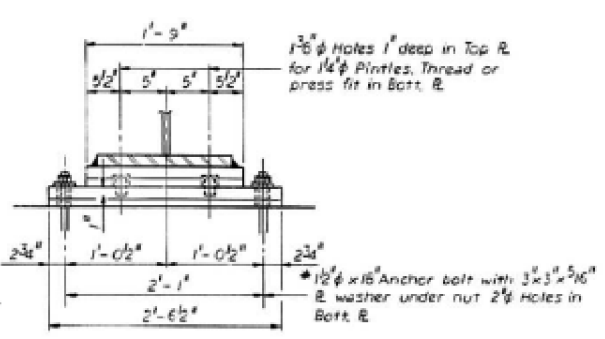
SECTION A-A



ELEVATION

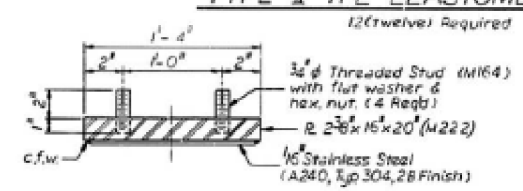


PINTLE DETAIL

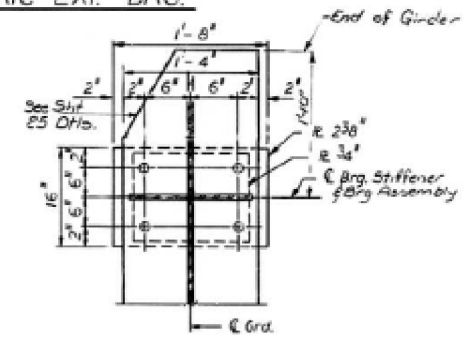


SECTION B-B

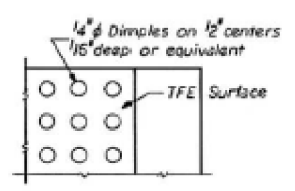
TYPE II TFE ELASTOMERIC EXP. BRG.



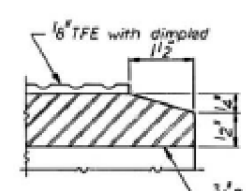
TOP BEARING ASSEMBLY



SECTION C-C
Typ @ N. Abut.

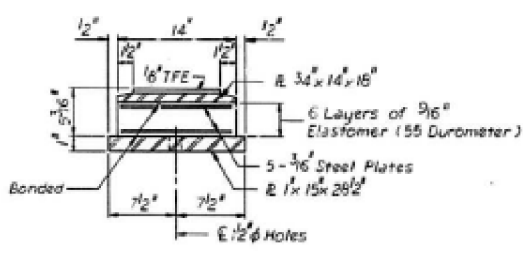


PLAN-TFE SURFACE



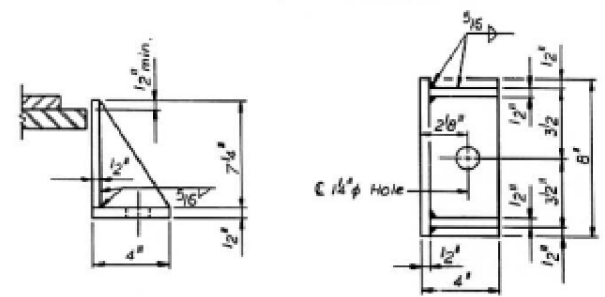
SECTION THRU TFE

Note: The 1/8" TFE 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 1/8" TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly temp. is approved by the Engineer.

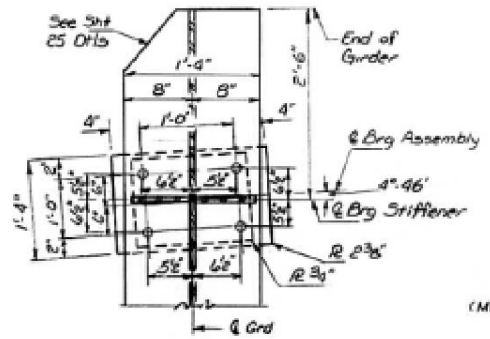


BOTTOM BEARING ASSEMBLY

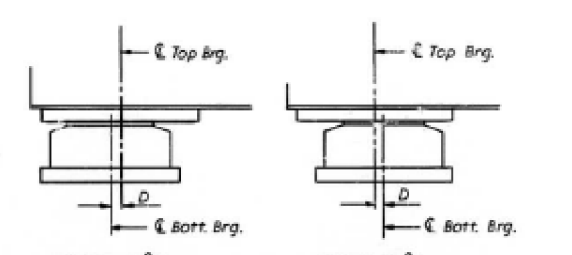
*Note: After girders have been erected holes at expansion bearings shall be drilled and anchor bolts grouted in place. Anchor bolts at fixed bearings may be built into the masonry.



SIDE RETAINER
For Location see Section A-A
24 (Twelve) Req'd
(M-183)



SECTION C-C
Typ @ S. Abutment



SETTING ANCHOR BOLTS AT EXP. BRG.
D = 2" per each 100' of expansion for every 15° temp change from the normal temp of 50°F.

Work this sht. with sht. 11

ILLINOIS DIVISION OF HIGHWAYS			
F.A.I. ROUTE 255			
PROJECT	SECTION	COUNTY	TOTAL SHEETS
	60-7HB-2	MADISON	196
MADISON COUNTY			
BEARINGS			
Designed By: J.S.	Drawn By: P.C.	Quantity By: P.C.	
Checked By: S.K.	Checked By: J.S.	Checked By: J.S.	

Rev 4-25-84 J.E

TORNROSE, CAMPBELL & ASSOCIATES



NOT TO SCALE

*55/70/64
**60-(6,7)BP-1, 82-(3,4)BP-1
***MADISON, ST. CLAIR

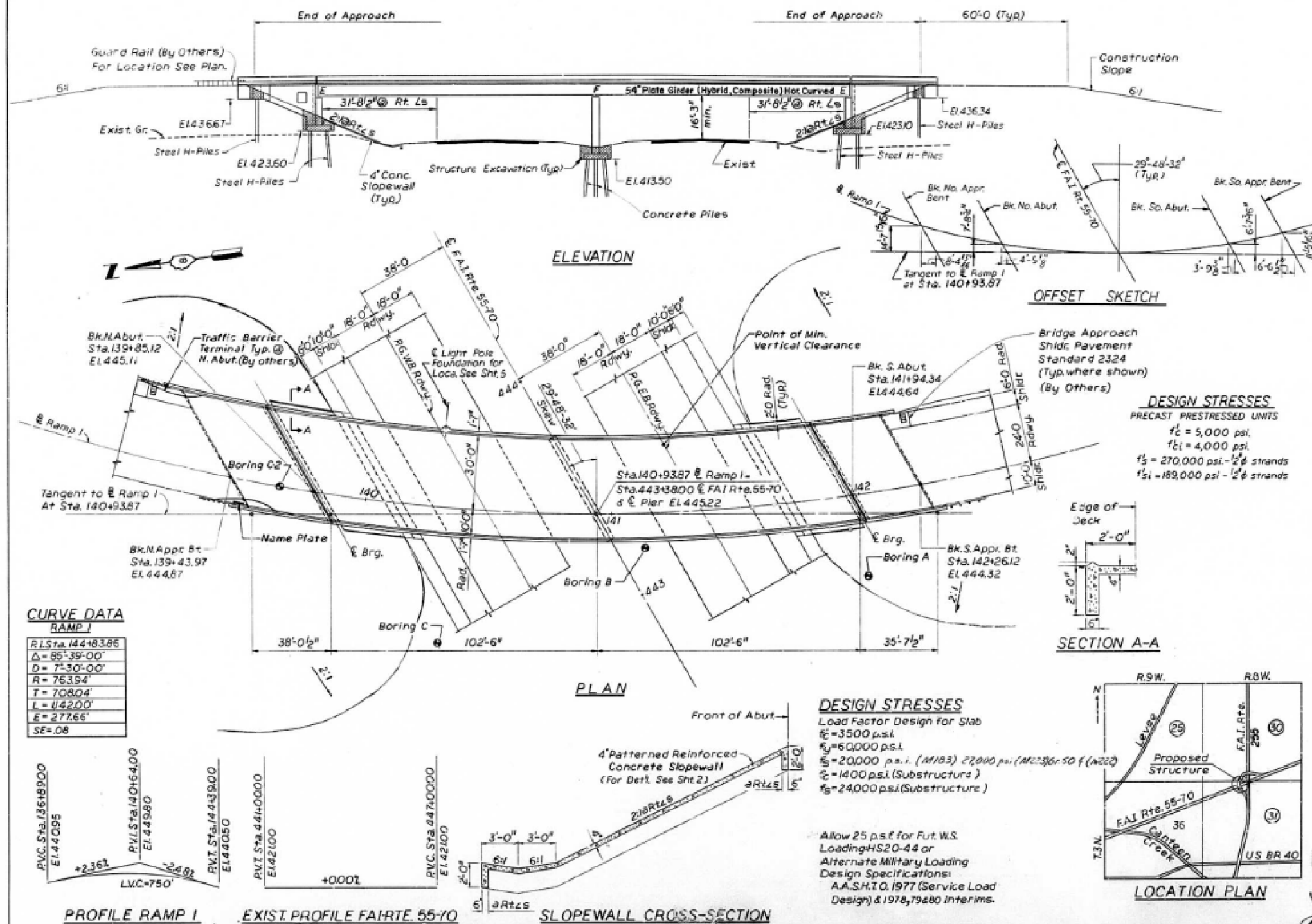
B.M. 17-B Top NE Bolt Lightpole S Side FAI Rte. 55-70 & beginning of entrance Ramp for Weight Station. Sta. 442+32. EL420.91.

Sht. 1 of 19

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 255	60-78B-1	MADISON	195	105

GENERAL NOTES

- See Proposal for Boring Data.
- Fasteners shall be high strength bolts (AASHTO M-184) 3/4" open holes 13/16", unless otherwise noted.
- Calculated weight of Structural Steel = $M-103 \times 21750 \text{ LBS.}$
 $M-223(050) = 86750 \text{ LBS.}$
- For painting Structural Steel see Special Provisions.
- Field welding of construction accessories will not be permitted to the bottom flange of beams or girders nor to the top flange for a distance equal to one-fourth the span length each way from the pier supports. Field welding in other areas will be permitted only when approved by the Engineer.
- Anchor bolts shall be set before bolting cross frames over supports.
- Slope wall shall be reinforced with welded wire fabric, 6" x 6" - #4.8 x #4.8, weighing 58 lbs. per 100 sq. ft.
- The contractor shall drive 1 (one) steel H test pile at each abutment and 1 (one) concrete test pile at the pier in permanent locations as directed by the Engineer before ordering the remainder of piles.
- The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch. Adjustments shall be made either by grinding the surface or by skimming the bearing. Two 1/8" adjusting shims, of the dimension of the bottom bearing plate, shall be provided for each pier bearing plate, in addition to all other plates or shims. For elastomeric bearings, shims of the dimension of top plate shall be provided and placed as detailed.
- The main load carrying member components subject to tensile stress shall conform to the Supplemental Requirements for Match Tightness Zone 2. These components are the tension flanges, web, and all splice plate material of the steel girders.
- Reinforcement bars shall conform to the requirements of AASHTO M-31 or M-53 Grade 60.



DESIGN STRESSES
PRECAST/PRESTRESSED UNITS

$f'_c = 5,000 \text{ psi.}$
 $f_{ti} = 4,000 \text{ psi.}$
 $f'_s = 270,000 \text{ psi. - } 1/2 \text{ } \phi \text{ strands}$
 $f'_{si} = 189,000 \text{ psi. - } 1/2 \text{ } \phi \text{ strands}$

BILL OF MATERIAL

ITEM	UNIT	SUB STRUCT.	SUPER STRUCT.	TOTAL
Structure Excavation	Cu Yd	563.4	—	563.4
Structural Steel	L.S.	—	0.12	0.12
Class X Concrete	Cu Yd	4678	3563	8641
Reinforcement Bars	Lb.	42170	7170	49340
Reinforcement Bars (Epoxy-Coated)	Lb.	—	94100	94100
Protective Coat	Sq Yd	—	1486	1486
Neoprene Jt (2")	Lin Ft	—	99	99
Stud Shear Connector	Ea.	—	2394	2394
Name Plates	Ea.	1	—	1
Slope Wall (4" Thick)	Sq Yd	383	—	383
Steel Piles HP 12 x 53	Lin Ft	5319	—	5319
Test Pile (Steel) HP 12 x 53	Ea.	2	—	2
Concrete Piles	Lin Ft	1612	—	1612
Test Pile (Concrete)	Ea.	1	—	1
Conduit System	L.Sm	—	0.21	0.21
Elastomeric Bearings Type 1	Ea.	—	12	12
Furnishing & Erecting P.C. T-Beam 36"	Lin Ft	—	275	275

CURVE DATA
RAMP 1

RL Sta.	144+83.86
Δ	85° 39' 00"
D	7° 30' 00"
R	763.94
T	708.04
L	1142.00
E	277.65
SE	.08

DESIGN STRESSES
Load Factor Design for Slab

$f'_c = 3500 \text{ psi.}$
 $f'_s = 60,000 \text{ psi.}$
 $f'_s = 20,000 \text{ p.s.i. (M183) } 22,000 \text{ p.s.i. (M2336-50 f (A222))}$
 $f'_c = 1400 \text{ p.s.i. (Substructures)}$
 $f'_s = 24,000 \text{ p.s.i. (Substructure)}$

Allow 25 p.s.f. for Fut. W.S. Loading HS20-44 or Alternate Military Loading Design Specifications: A.A.S.H.T.O. 1977 (Service Load Design) & 1978, 79&80 Interims.

APPROVED FOR STRUCTURAL ACCURACY ONLY

ILLINOIS DIVISION OF HIGHWAYS

PROJECT: F.A.I. ROUTE 255 SECTION 60-78B-1

COUNTY: MADISON COUNTY

GENERAL PLAN & ELEVATION

RAMP 1 STA. 140+93.87

Designed By: HM Drawn By: G.S. Quantities By: —
Checked By: CB Checked By: SK Checked By: —

Rev. 3-30-84 D.D. Revised

TORNROSE, CAMPBELL & ASSOCIATES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - SN 060-0205
LOCATION 3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	15

CONTRACT NO. 76K13

•55/70/64
••60-(6,7)BP-1, 82-(3,4)BP-1
•••MADISON, ST. CLAIR

NOT TO SCALE

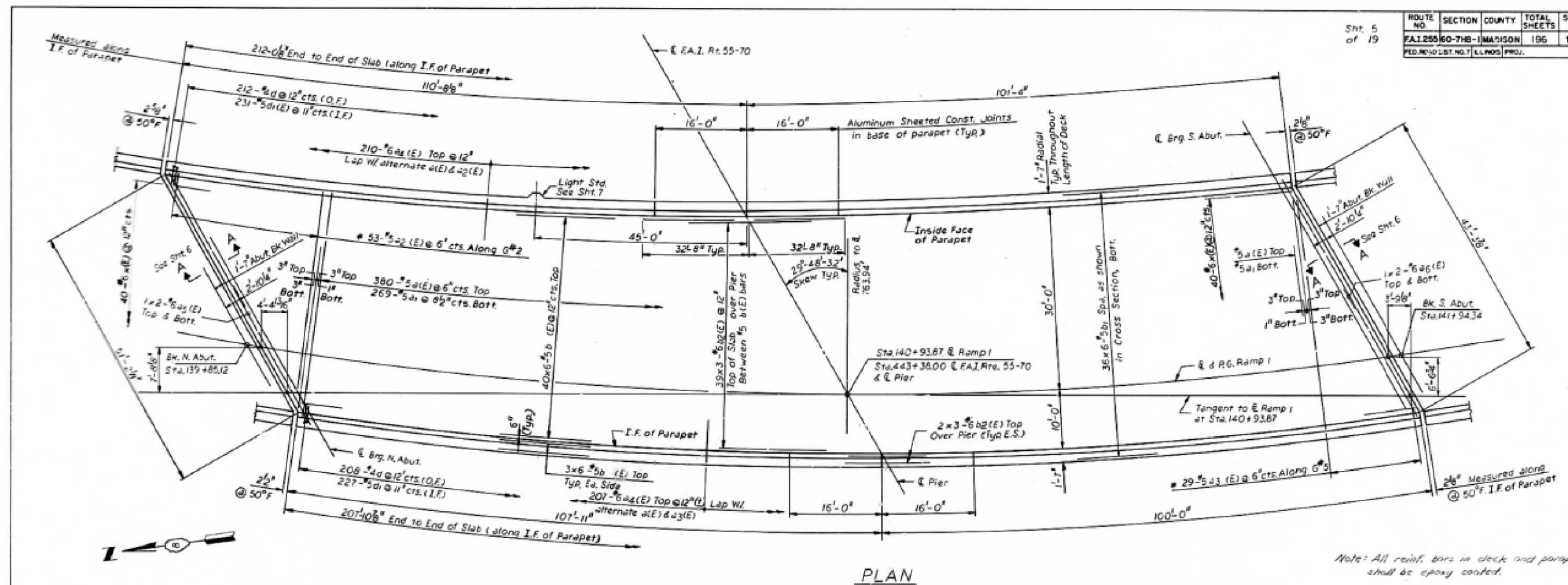
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pw\11084EBIDINTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 8\Projects\0876\Drawings\CAD\Drawings\0876K13-sht-typical.dwg	manntm	—	—
		CHECKED	REVISED
		DATE	REVISED

PLOT SCALE = 100.0000' / 1" IN.
PLOT DATE = 3/28/2017

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

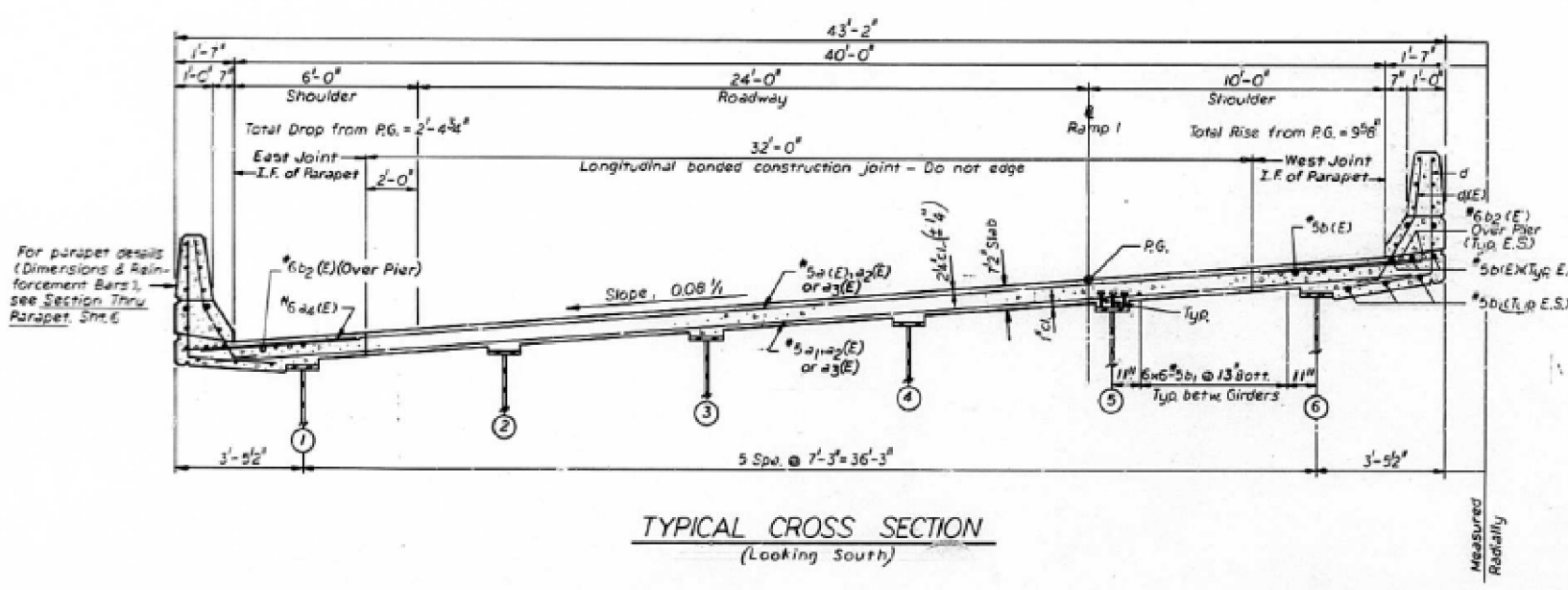
ILLINOIS FED. AID PROJECT

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA1255-60-7HB-1	MADISON	196	109	
FED. ROAD DIST. NO. 7 ILLINOIS PROJ.				



PLAN

Note: All reinf. bars in deck and parapet shall be epoxy coated.



TYPICAL CROSS SECTION (Looking South)

NOTES:
 For superstructure details and Bill of Material see Sht. 6
 Reinforcement bars designated (E) shall be epoxy coated see Special Provisions.
 Bars indicated thus 40x6-#5 etc indicates 40 lines of bars with 6 lengths per line.
 All Transverse Bars placed radially with spacing determined along Girder 4, unless otherwise shown.
 Longitudinal Bars curved, parallel to \bar{Q} .
 * Order full length cut in field. See Cutting Diagram Sht. 6 place one-half T/Slab & one-half B/Slab.
Min. Bar Laps:
 #5 - 1'-9"
 #6 - 2'-7"
 #8 - 2'-6"
ABBREVIATIONS:
 I.F. = Inside Face
 O.F. = Outside Face
 E.S. = Each Side
 N.F. = Near Face
 F.F. = Far Face
 T/Slab = Top of Slab
 B/Slab = Bottom of Slab

Work this sht. with shts. 6 & 7

ILLINOIS DIVISION OF HIGHWAYS			
F.A.I. ROUTE 255			
PROJECT	SECTION	TOTAL SHEETS	SHEET NO.
MADISON COUNTY	60-7HB-1	196	109
SUPERSTRUCTURE			
PLAN & CROSS SECTION			
Designed By: SK	Drawn By: PC	Quantity By: JS	
Checked By: JS	Checked By: SK	Checked By: SK	

Rev. 2-10-84 J.D.

TORNROSE, CAMPBELL & ASSOCIATES



NOT TO SCALE

FILE NAME =	USER NAME = manntm	DESIGNED -	REVISED -
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 8\Projects\0876\BROWNDATA\GADSheets\0876K13-sht-typical		CHECKED -	REVISED -
MODELNAME#	PLOT DATE = 3/28/2017	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - SN 060-0205			
LOCATION 3			
SCALE: NONE	SHEET 2	OF 5 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	16
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

*55/70/64
 **60-(6,7)BP-1, 82-(3,4)BP-1
 ***MADISON, ST. CLAIR

Sht 12 of 19

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 255	60-7HB-1	MADISON	196	116
FED. ROAD DIST. NO. 7 / ILL. ROAD PROJ.				

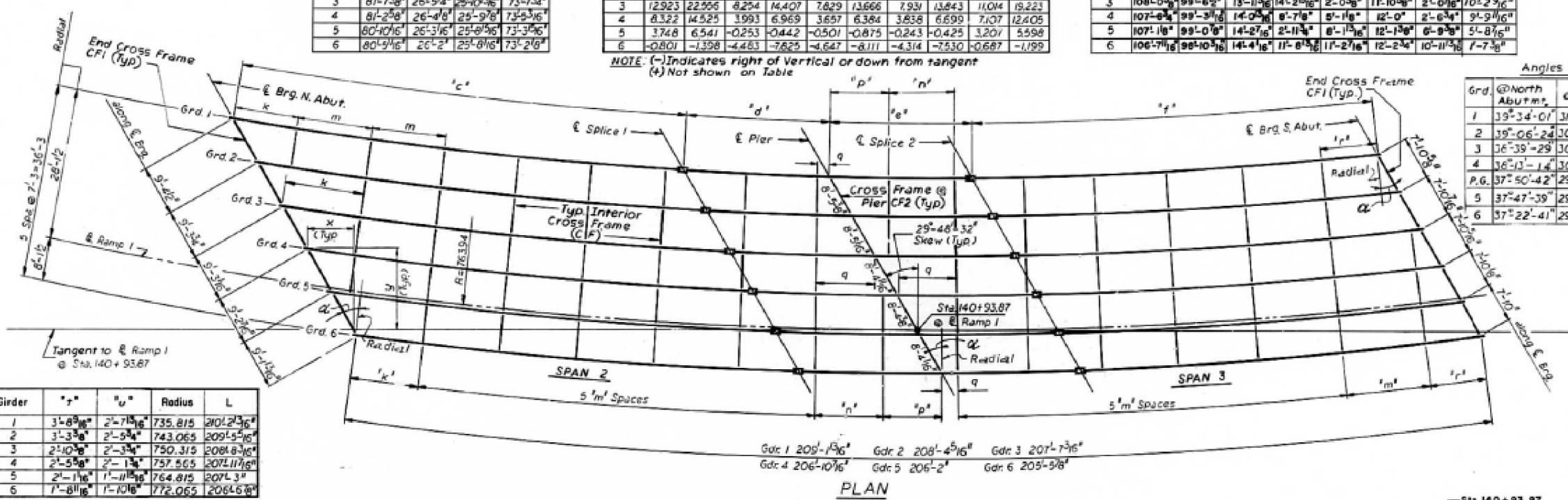
Girder	c'	d'	e'	f'
1	82'-5 1/2"	26'-7 3/8"	26'-0 1/2"	73'-11 1/4"
2	82'-0 3/8"	26'-6 3/8"	25'-11 3/4"	73'-9 3/4"
3	81'-7 3/8"	26'-5 1/4"	25'-10 1/2"	73'-7 3/4"
4	81'-2 3/8"	26'-4 3/8"	25'-9 3/8"	73'-5 3/8"
5	80'-10 1/2"	26'-3 1/2"	25'-8 1/2"	73'-3 1/2"
6	80'-9 1/2"	26'-2"	25'-8 1/2"	73'-2 1/2"

Girder	€ Brg. N. Abut.		€ Splice 1		€ Pier		€ Splice 2		€ Brg. S. Abut.	
	x	y	x	y	x	y	x	y	x	y
1	22.213	38.771	16.828	29.373	16.216	28.304	16.152	28.191	18.847	32.896
2	17.593	30.637	12.533	21.875	12.015	20.972	12.035	21.006	14.927	26.054
3	12.923	22.556	8.254	14.407	7.829	13.666	7.931	13.843	11.014	19.223
4	8.322	14.525	3.993	6.969	3.657	6.384	3.838	6.699	7.107	12.405
5	3.748	6.541	-0.253	-0.442	-0.501	-0.875	-0.243	-0.425	3.201	5.598
6	-0.801	-1.398	-4.483	-7.825	-4.647	-8.111	-4.314	-7.530	-0.687	-1.199

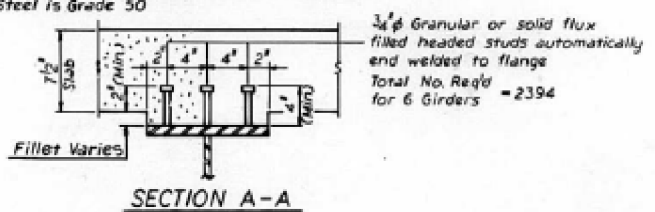
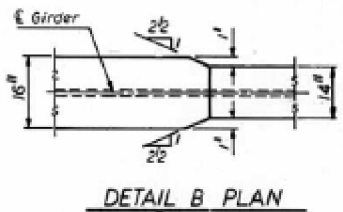
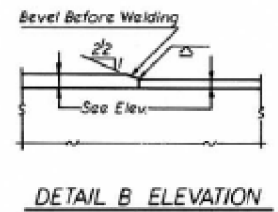
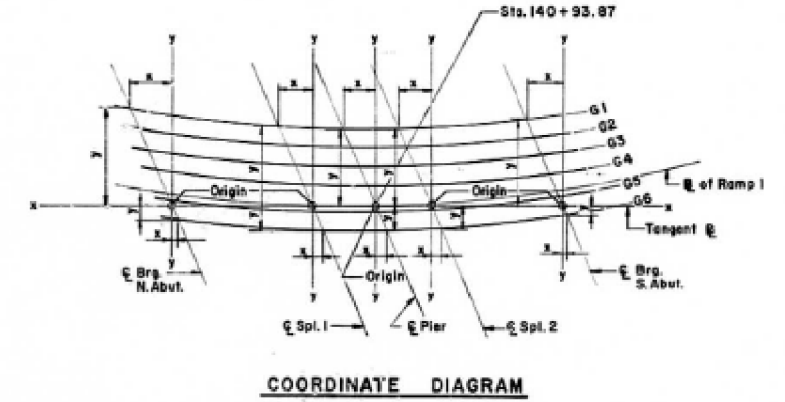
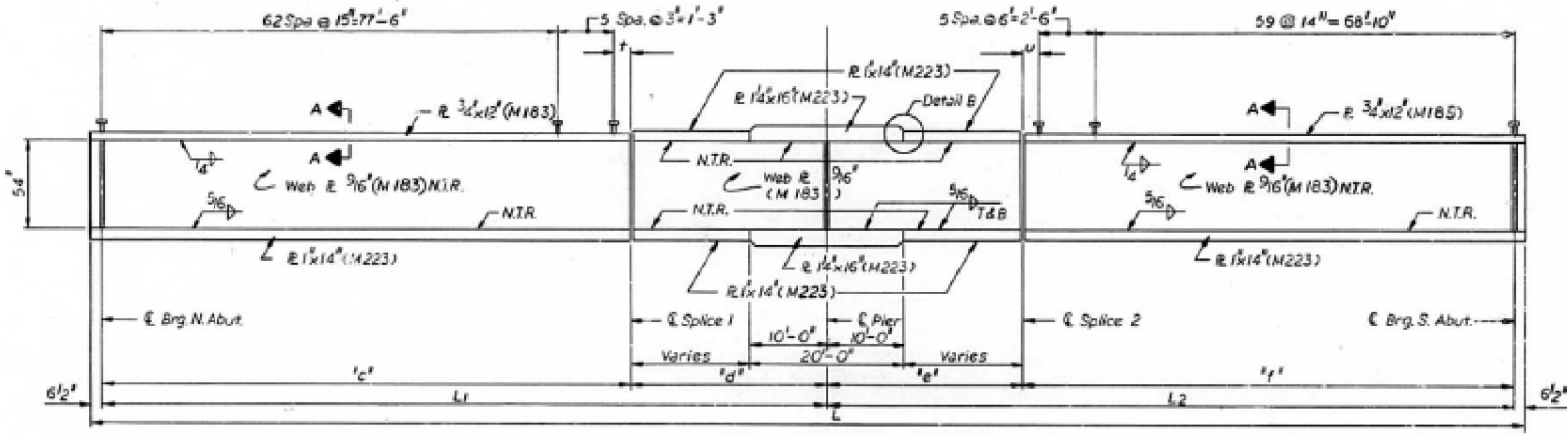
Girder	L ₁	L ₂	m	k	r	n	p	q
1	109'-1 1/2"	100'-0 1/2"	13'-7 1/2"	11'-11 3/8"	9'-6 5/8"	11'-7 3/8"	10'-6 1/2"	7'-5 1/2"
2	108'-6 1/2"	99'-9 1/2"	13'-9 1/8"	8'-19 1/8"	12'-9 1/8"	11'-9 1/4"	8'-3 1/4"	5'-10 1/2"
3	108'-0 1/2"	99'-6 1/2"	13'-11 1/8"	14'-2 1/8"	2'-0 3/8"	11'-10 1/8"	2'-0 1/8"	10'-2 1/2"
4	107'-6 1/2"	99'-3 1/8"	14'-0 1/8"	8'-7 1/8"	8'-11 1/8"	12'-0"	2'-6 1/4"	9'-9 1/2"
5	107'-1 1/2"	99'-0 1/2"	14'-2 1/8"	2'-11 1/4"	8'-11 1/8"	12'-1 1/8"	8'-9 1/8"	5'-8 1/2"
6	106'-7 1/2"	98'-10 1/2"	14'-4 1/8"	11'-8 1/2"	11'-2 1/8"	12'-2 1/4"	10'-11 1/2"	7'-7 3/8"

NOTE: (-) Indicates right of vertical or down from tangent
(+) Not shown on Table

Grd.	Angles α		
	@ North Abutmt.	@ Pier	@ South Abutmt.
1	35°-34'-01"	31°-04'-18"	23°-15'-51"
2	35°-06'-24"	30°-44'-07"	23°-02'-26"
3	36°-39'-29"	30°-24'-24"	22°-46'-19"
4	36°-13'-14"	30°-05'-06"	22°-34'-30"
P.G.	37°-50'-42"	29°-48'-32"	22°-22'-35"
5	37°-47'-39"	29°-46'-17"	22°-20'-56"
6	37°-22'-41"	29°-27'-51"	22°-07'-42"



Girder	"x"	"u"	Radius	L
1	3'-8 3/8"	2'-7 1/2"	735.815	201'-2 3/8"
2	3'-3 3/8"	2'-9 3/4"	743.065	209'-5 1/2"
3	2'-10 1/2"	2'-3 3/4"	750.315	208'-8 3/8"
4	2'-5 5/8"	2'-1 1/2"	757.565	207'-11 1/8"
5	2'-1 1/2"	1'-11 1/2"	764.815	207'-3"
6	1'-8 1/2"	1'-10 1/2"	772.065	206'-6 1/2"



NOTE: The main load carrying member components subject to the Supplemental Requirements for Notch Toughness are the flanges, as designated in the Girder Elevation along with the web and splice plates of the steel girder.
All Structural Steel shall be AASHTO M183, except as noted.

Work this sht. with Shts. 13 & 14		
ILLINOIS DIVISION OF HIGHWAYS		
F.A.I. ROUTE 255		
PROJECT	SECTION 60-7HB-1	
MADISON COUNTY		
STRUCTURAL STEEL		
FRAMING PLAN & GIRDER DETAILS		
Designed By: SK	Drawn By: PC	Quantity By: JS
Checked By: JS	Checked By: SK	Checked By: SK

TORNROSE, CAMPBELL & ASSOCIATES



FILE NAME =	USER NAME = manntm	DESIGNED -	REVISED -
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MODELNAME =	PLOT DATE = 3/28/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

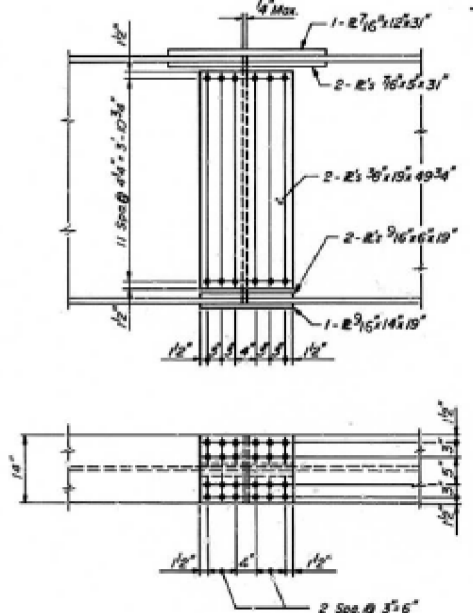
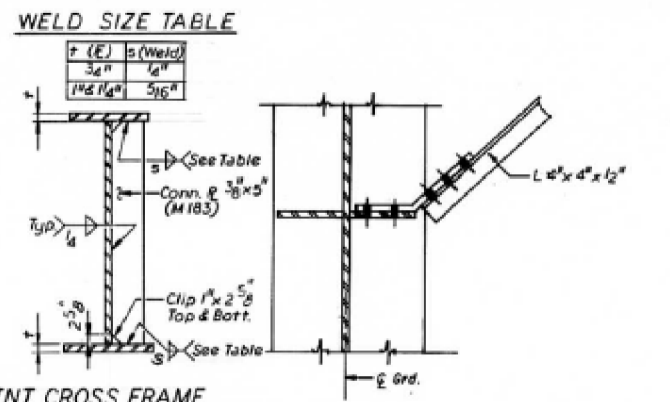
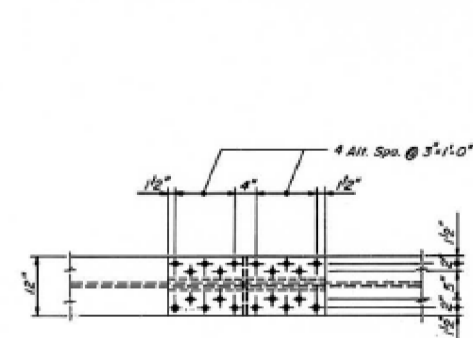
EXISTING PLANS - SN 060-0205			
LOCATION 3			
SCALE: NONE	SHEET 3	OF 5 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	17
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

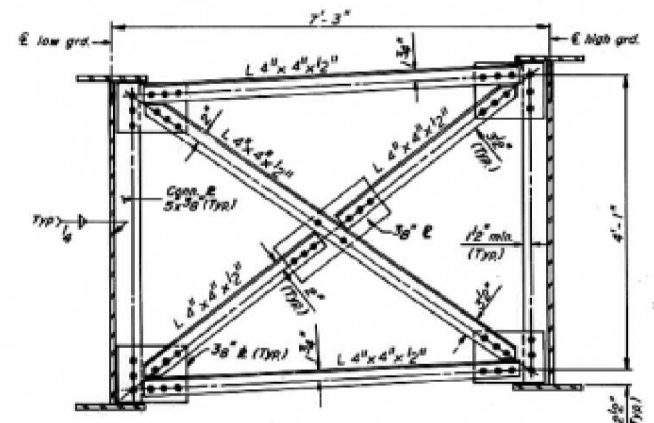
NOT TO SCALE

•55/70/64
•60-(6,7)BP-1, 82-(3,4)BP-1
•MADISON, ST. CLAIR

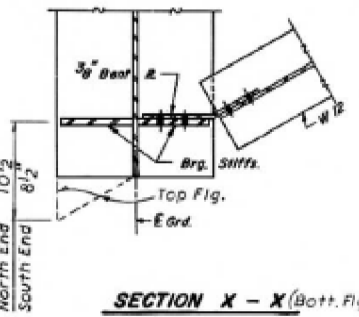
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
255	60-7HB-1	MADISON	126	117



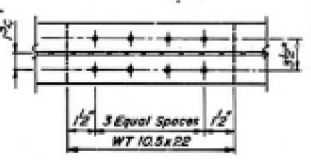
INT. CROSS FRAME CONN. P. DETAIL



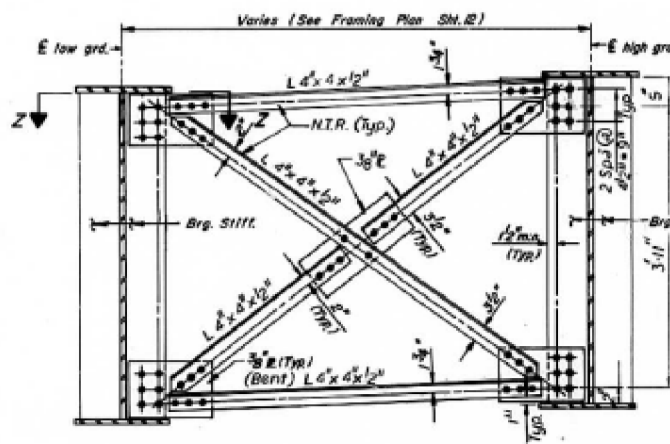
TYPICAL INTERIOR CROSS FRAME (CF)



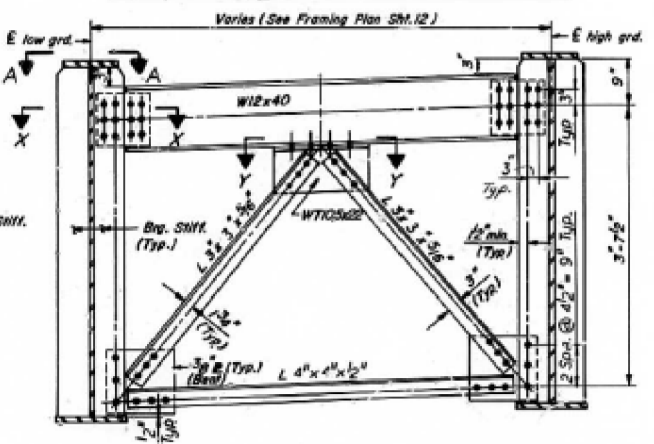
**SECTION X - X (Bott. Fig. E)
SECTION A - A (top Fig. E)**



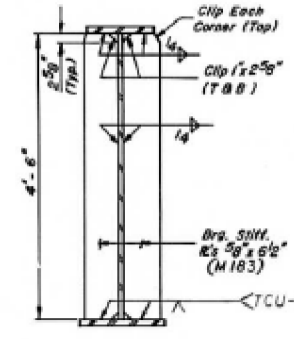
SECTION Y - Y



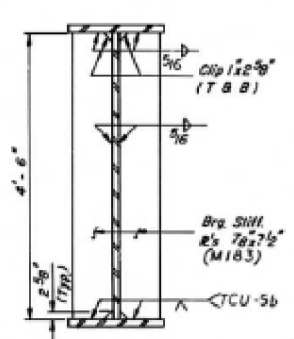
TYPICAL CROSSFRAME @ PIER (CF2)



TYPICAL END CROSS FRAME (CF1)



AT ABUTMENT



AT PIER

GIRDER SECTIONS

FIELD SPLICE DETAIL

FLANGE: 3/8" H.S. Bolts
1 1/2" Open Holes
WEB: 3/8" H.S. Bolts
1 1/2" Open Holes
All splice plates are M183, N.T.R.

ITEM	@ 0.4 Span 2	@ Pier	@ 0.6 Span 3
I _s	24355	37912	24355
I _c n = 27	43225		43225
I _c n = 9	60293		60293
S _s	959	1342	959
S _c n = 27	1218		1218
S _c n = 9	1352		1352
E	0.910	0.910	0.910
M _D	774	1416	862
f _s E	9.69	12.66	703
S E	0.320	0.320	0.320
M _s E	307	414	231
f _s S _D n = 27	3.02	3.70	2.28
M E	976	2719	896
M Imp.	215	158	197
Total E + I	1191	877	1093
f _s E + I n = 9	10.57	7.84	9.70
f _s Total	23.28	24.20	19.01
VR	55.2		55.2

LOCATION	GIRDER No.					
	1	2	3	4	5	6
E Brg. N. Abut.	441.98	442.59	443.21	443.81	444.42	445.02
E Splice 1	442.19	442.77	443.34	443.92	444.48	445.05
E Pier	442.10	442.68	443.25	443.82	444.39	444.96
E Splice 2	442.07	442.65	443.22	443.78	444.36	444.93
E Brg. S. Abut.	441.73	442.29	442.84	443.39	443.95	444.50

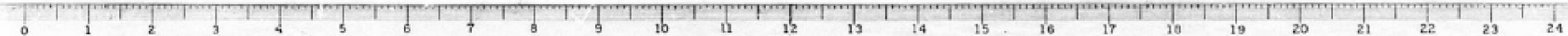
ITEM	N. Abut.	S. Abut.	Pier
R E	53.2	45.5	159.2
R I	43.3	43.1	70.1
Imp.	9.5	9.5	15.4
R Total	106.0	98.1	244.7

I_s & S_s are the moment of inertia and section modulus (Bott.) of steel section respectively.
I_c & S_c are the moment of inertia and section modulus (Bott.) of composite section respectively.
f_s is unit stress in bottom steel fiber.
VR is the maximum E + Impact shear range in span.

Notes for Cross Frames:
Bolts 3/8" H.S., Holes = 1 1/2" H.S. Hardened washers shall be required over all holes.
Edge clearances = 1/2" Minimum (Typ.)
All contact surfaces of joints for cross frames shall be free of paint or lacquer.
All cross frame members and plates are M183.

ILLINOIS DIVISION OF HIGHWAYS			
F.A.I. ROUTE 255			
PROJECT	SECTION 60-7HB-1		
MADISON COUNTY			
STRUCTURAL STEEL FRAMING DETAILS			
Designed By: SK	Drawn By: PC	Quantities By: JS	
Checked By: JS	Checked By: SK	Checked By: SK	

TORNROSE, CAMPBELL & ASSOCIATES

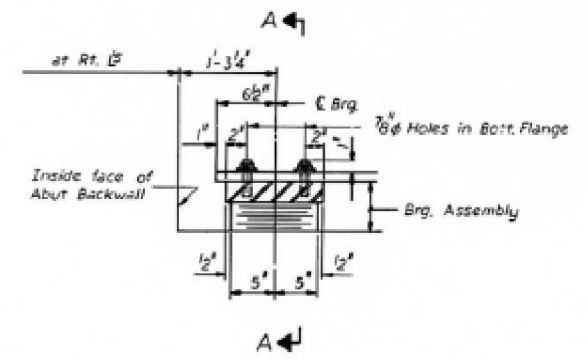


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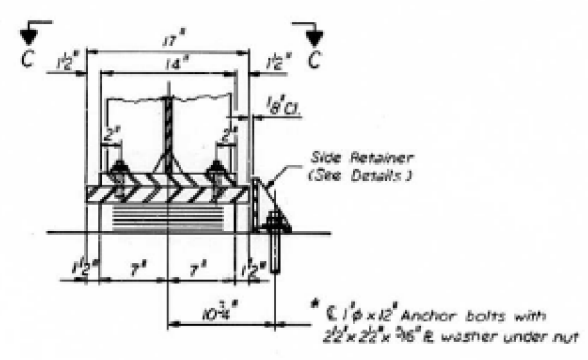
*55/70/64
**60-(6,7)BP-1, 82-(3,4)BP-1
***MADISON, ST. CLAIR

Sht 14
of 19

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 255	60-7HB-1	MADISON	196	118
FED. ROAD DIST. NO. 7 ILLINOIS PROJ.				

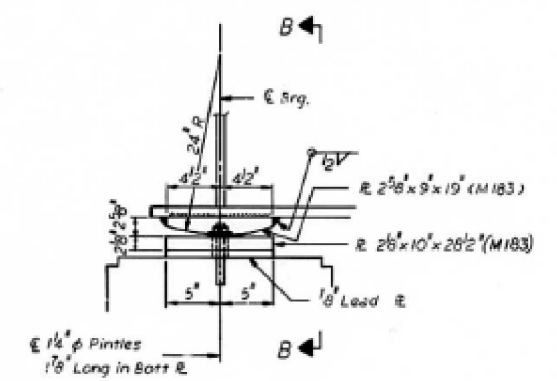


SECTION AT ABUTMENTS
(Dimensions along ϵ Gdr. Except as noted)

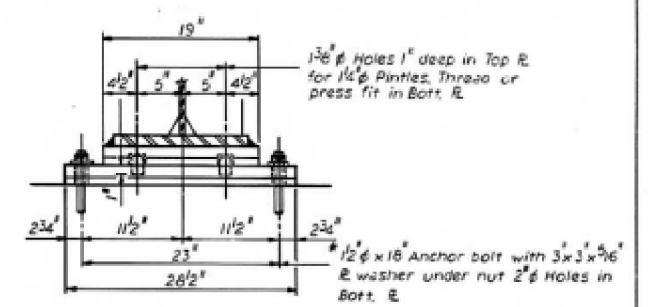


SECTION A-A

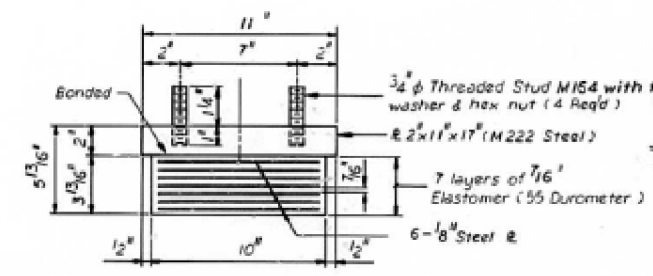
***NOTE:**
After girders have been erected holes at expansion bearings shall be drilled and anchor bolts grouted in place. Anchor bolts at fixed bearings may be built into the masonry. Anchor bolts shall be set prior to bolting cross frames



BEARING AT PIER

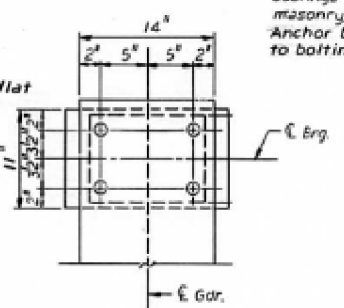


SECTION B-B

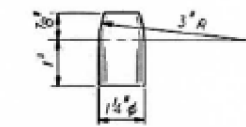


BEARING ASSEMBLY

TYPE I ELASTOMERIC EXP. BRG.

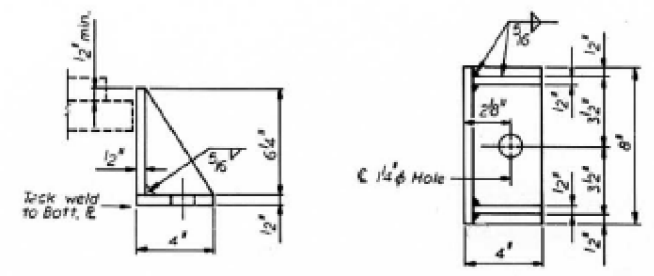


VIEW C-C



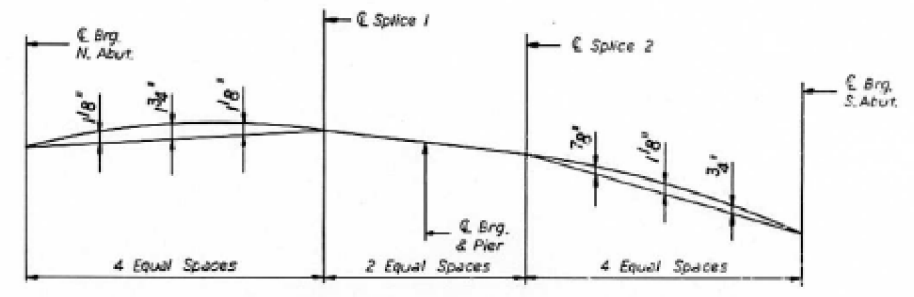
PINTLE DETAIL

FIXED BEARING



SIDE RETAINER

(Place at inside face of exterior girders & West side of girders 2,3,4 & 5)
(Req. d = 12)



CAMBER DIAGRAM

Work this sht. with shts. 12 & 13

ILLINOIS DIVISION OF HIGHWAYS			
F.A.I. ROUTE 255			
PROJECT	SECTION	TOTAL SHEETS	SHEET NO.
	60-7HB-1	196	118
MADISON COUNTY			
BEARING & CAMBER DIAGRAM			
Designed By: JS	Drawn By: PC	Quantity By: JS	
Checked By: SK	Checked By: JS	Checked By: SK	

TORNROSE, CAMPBELL & ASSOCIATES

FILE NAME	USER NAME	DESIGNED	REVISED
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		CHECKED	REVISED
		DATE	REVISED

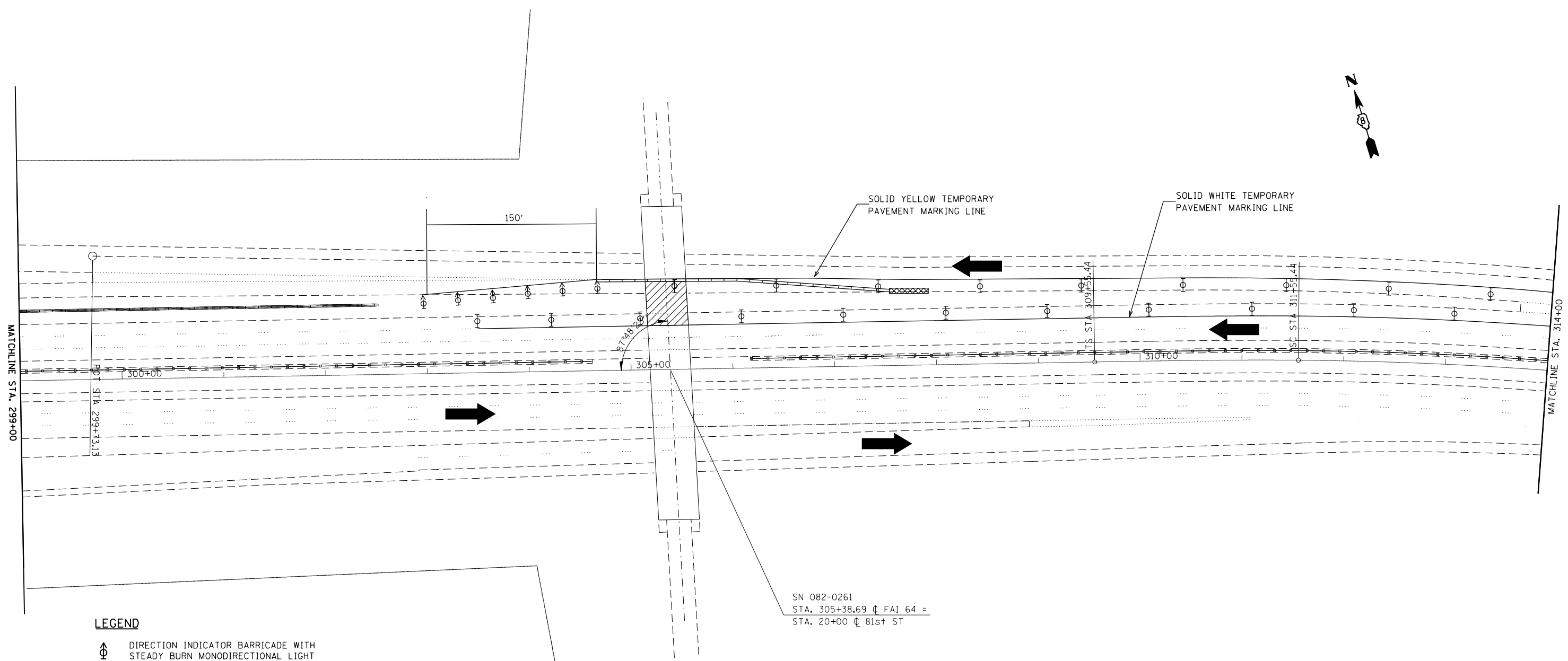
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLANS - SN 060-0205			
LOCATION 3			
SCALE	SHEET	OF	SHEETS
NONE	5	5	5

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	19
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				






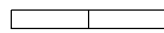

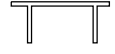
NOT TO SCALE

•55/70/64
••60-(6,7)BP-1, 82-(3,4)BP-1
•••MADISON, ST. CLAIR



SN 082-0261
 STA. 305+38.69 @ FAI 64 =
 STA. 20+00 @ 81st ST

LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
- 

- NOTES:**
1. APPLICABLE HWY STDS - 701400, 701401, 701411, 701451, AND 704001
 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE.
 3. THE CONTRACTOR WILL BE ALLOWED THE OPTION OF USING SAND MODULE IMPACT ATTENUATORS FOR THIS PROJECT.

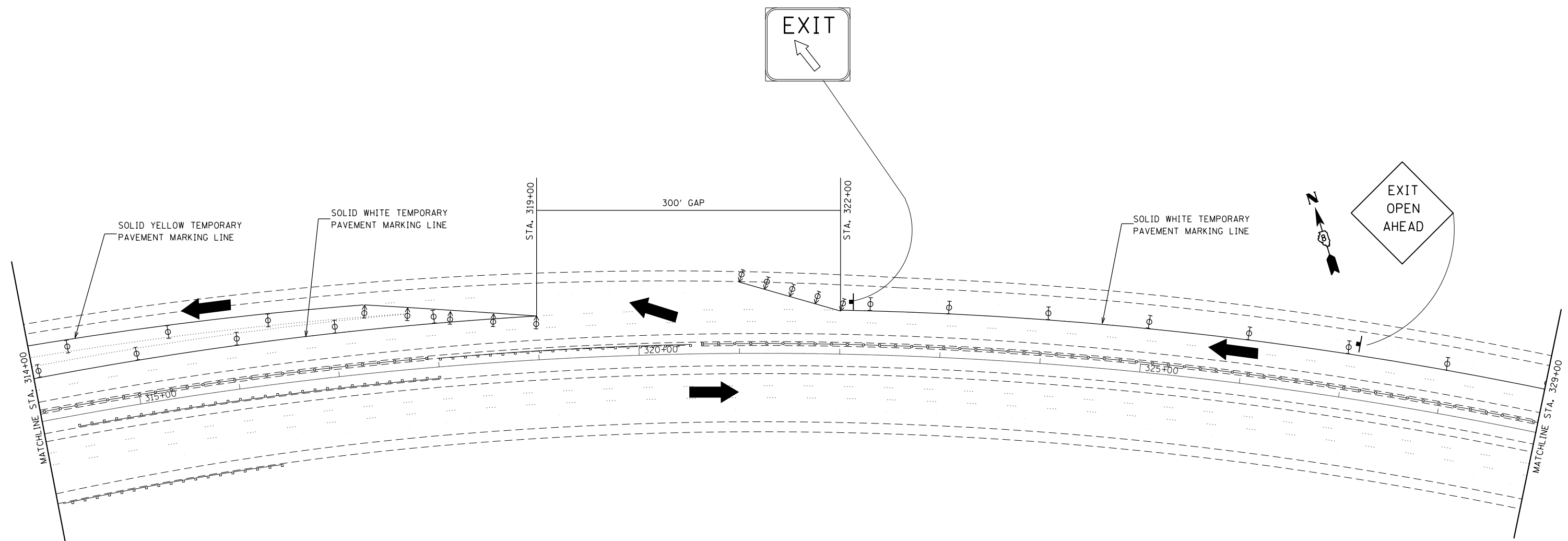
•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

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	PLOT DATE = 5/4/2017	DATE -	REVISED -









**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL STAGE 1			
SCALE: 50:1	SHEET 1 OF 4 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNT	TOTAL SHEETS	SHEET NO.
•	••	•••	38	20
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



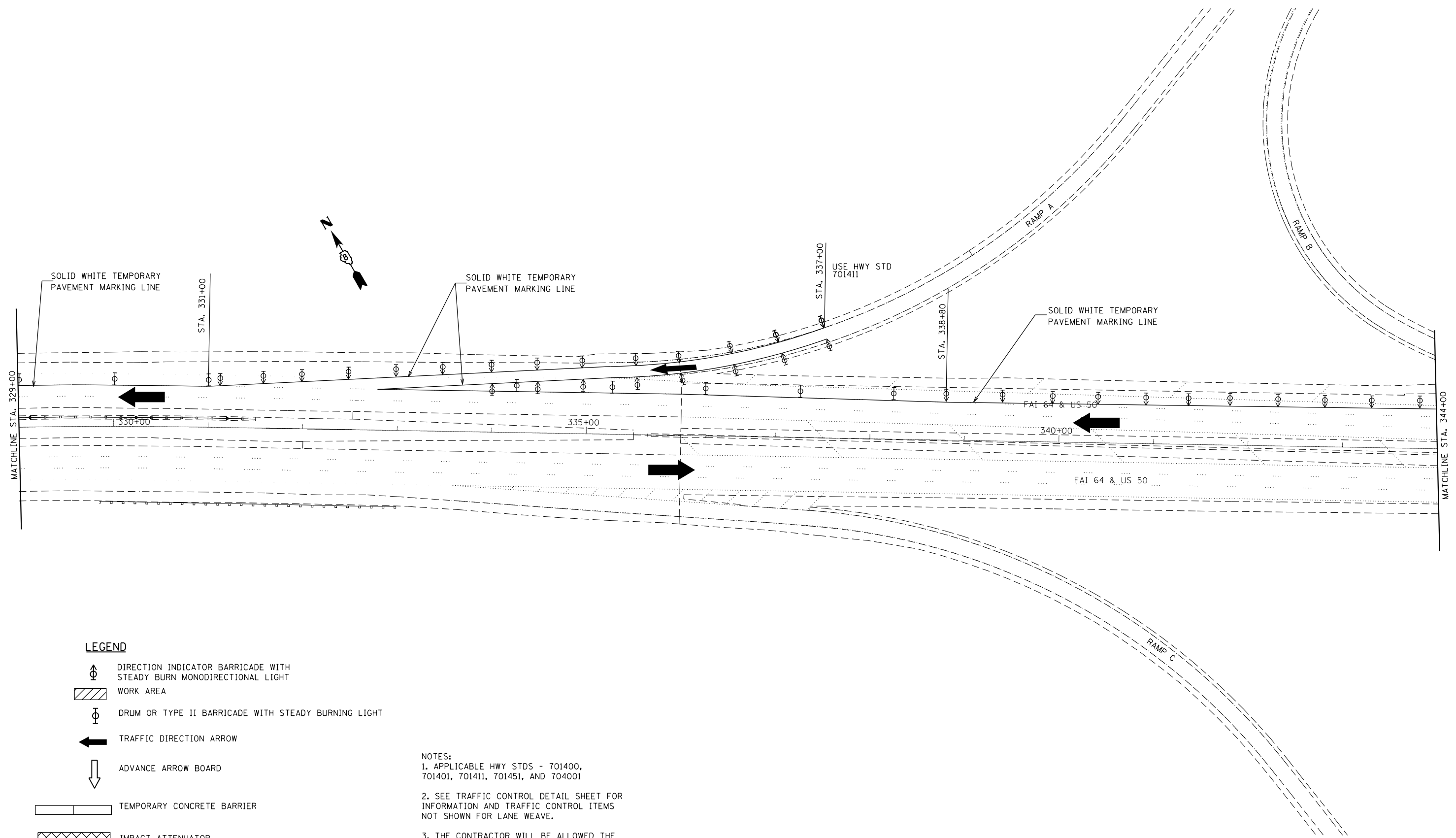
LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
- 








NOTES:
 1. APPLICABLE HWY STDS - 701400, 701401, 701411, 701451, AND 704001
 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE.
 3. THE CONTRACTOR WILL BE ALLOWED THE OPTION OF USING SAND MODULE IMPACT ATTENUATORS FOR THIS PROJECT.

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

FILE NAME =	USER NAME = jiangj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL STAGE 1			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = 5/4/2017	DATE -	REVISED -		CONTRACT NO. 76K13			ILLINOIS FED. AID PROJECT					



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR

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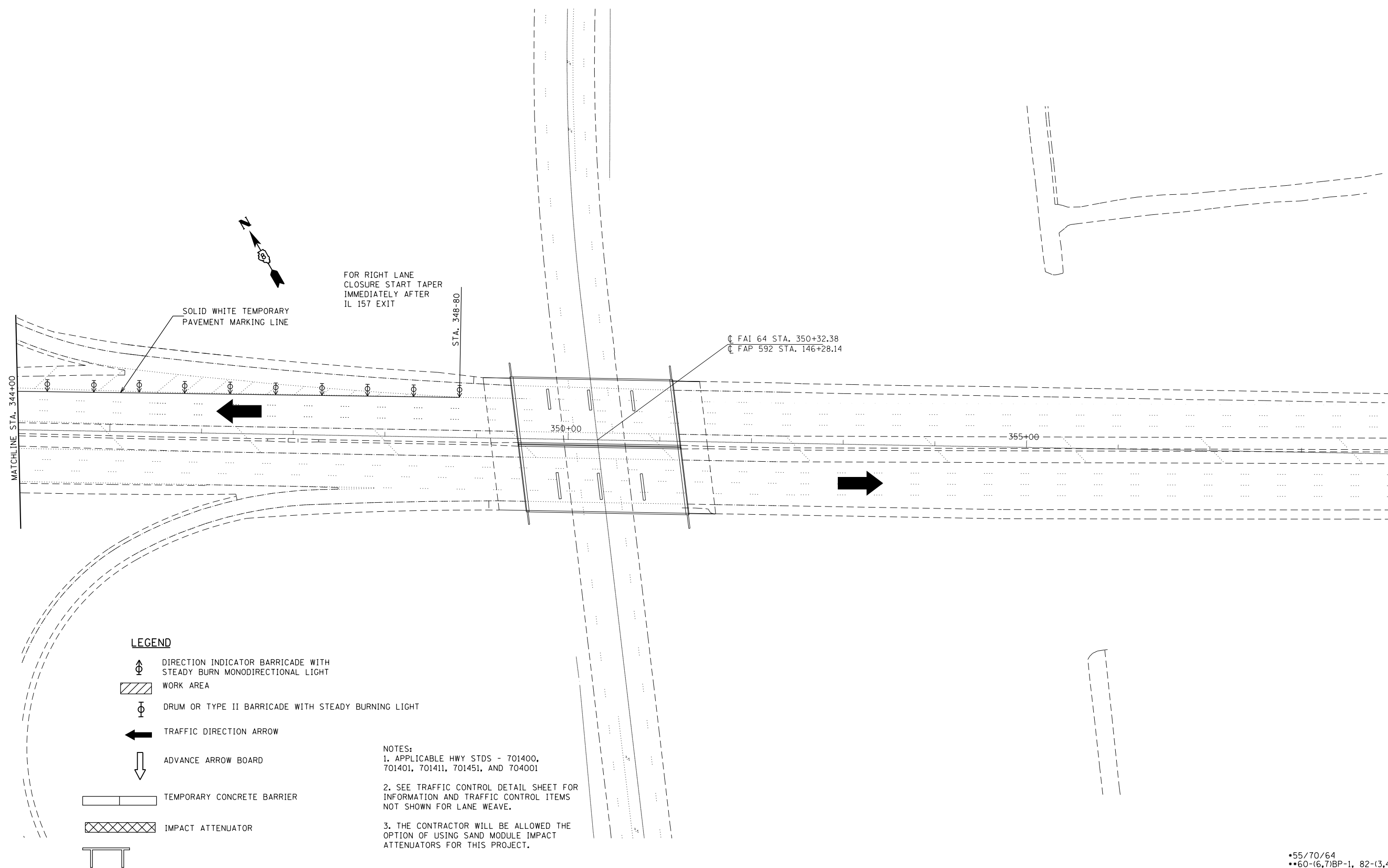
•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

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





**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL STAGE 1			
SCALE: 50:1	SHEET 3	OF 4 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	22
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR

NOTES:
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•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

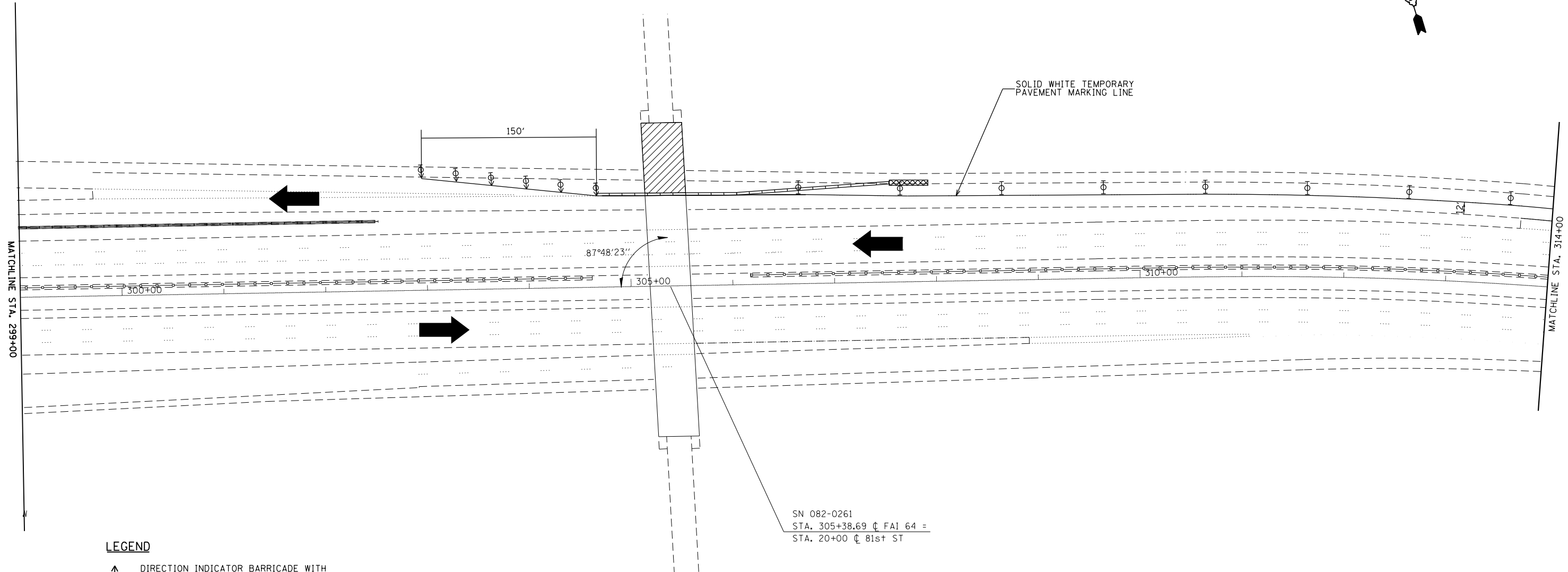
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Default	PLOT DATE = 5/4/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL
 STAGE 1**






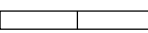


SCALE: 50:1 SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	23
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



SN 082-0261
 STA. 305+38.69 @ FAI 64 =
 STA. 20+00 @ 81st ST

LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

NOTES:
 1. APPLICABLE HWY STDS - 701400, 701401, 701411, 701451, AND 704001
 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE.
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•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

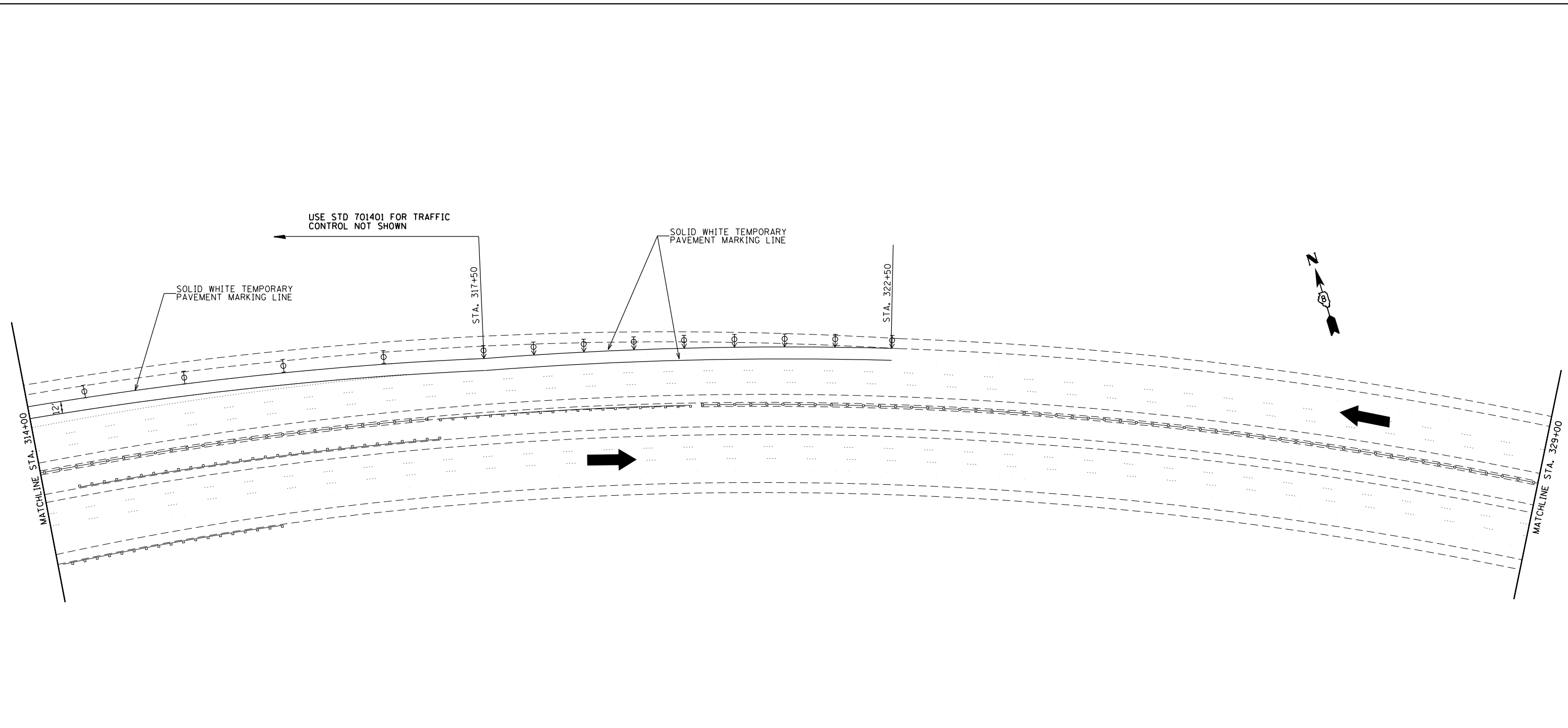
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**






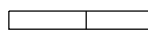


**TRAFFIC CONTROL
 STAGE 2**

SCALE: 50:1 SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	24
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

- NOTES:
1. APPLICABLE HWY STDS - 701400, 701401, 701411, 701451, AND 704001
 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE.
 3. THE CONTRACTOR WILL BE ALLOWED THE OPTION OF USING SAND MODULE IMPACT ATTENUATORS FOR THIS PROJECT.

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

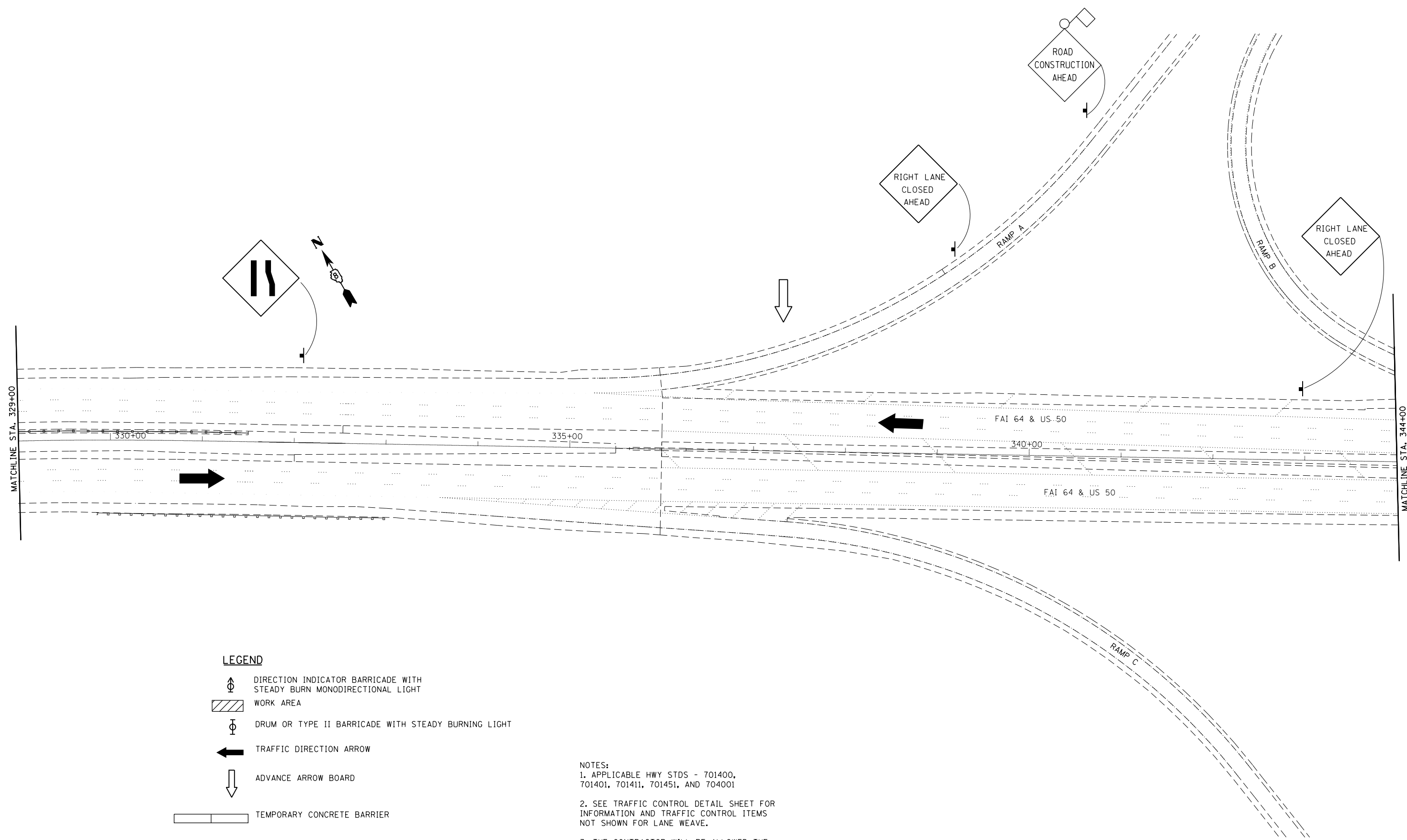
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**






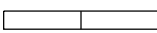


**TRAFFIC CONTROL
 STAGE 2**

SCALE: 50:1 SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	25
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

NOTES:
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 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAWE.
 3. THE CONTRACTOR WILL BE ALLOWED THE OPTION OF USING SAND MODULE IMPACT ATTENUATORS FOR THIS PROJECT.

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

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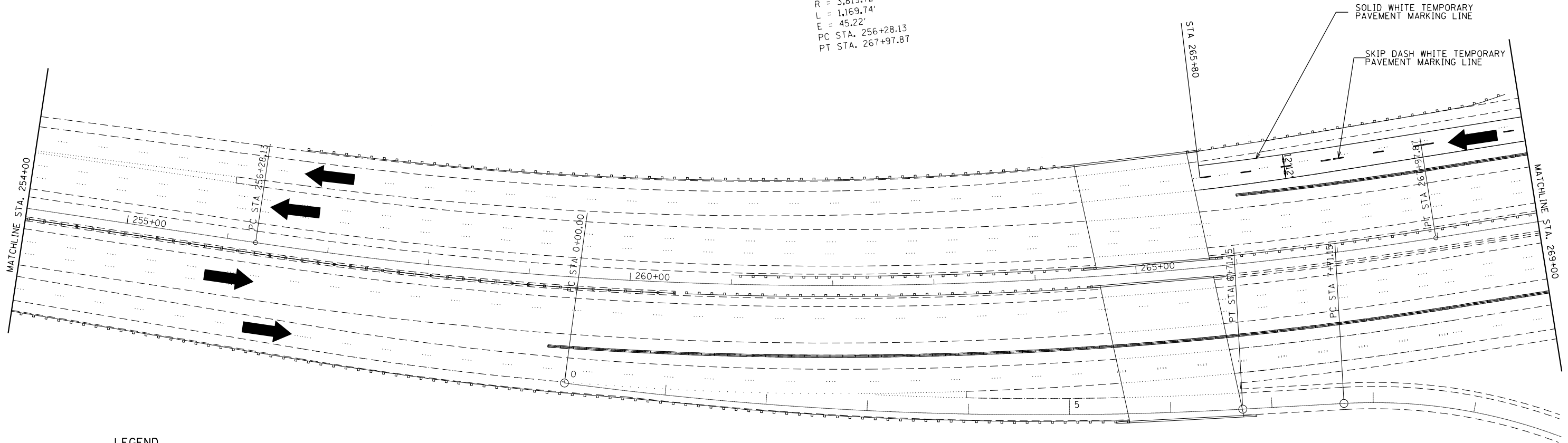
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL
 STAGE 2**









SCALE: 50:1 SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	26
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 20
 PI STA. 262+17.61
 $\Delta = 17^{\circ} 32' 46''$ (LT)
 $D = 1^{\circ} 30' 00''$
 $T = 589.48'$
 $R = 3,819.72'$
 $L = 1,169.74'$
 $E = 45.22'$
 PC STA. 256+28.13
 PT STA. 267+97.87



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

NOTES:
 1. STANDARD 701400 WB I-64 MAINLINE CHANGEABLE MESSAGE BOARD WORK ZONE INFORMATION: "ROAD CONSTRUCTION AHEAD XX MILES"
 2. APPLICABLE HWY STDS - 701400, 701401, 701411, AND 704001
 3. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE

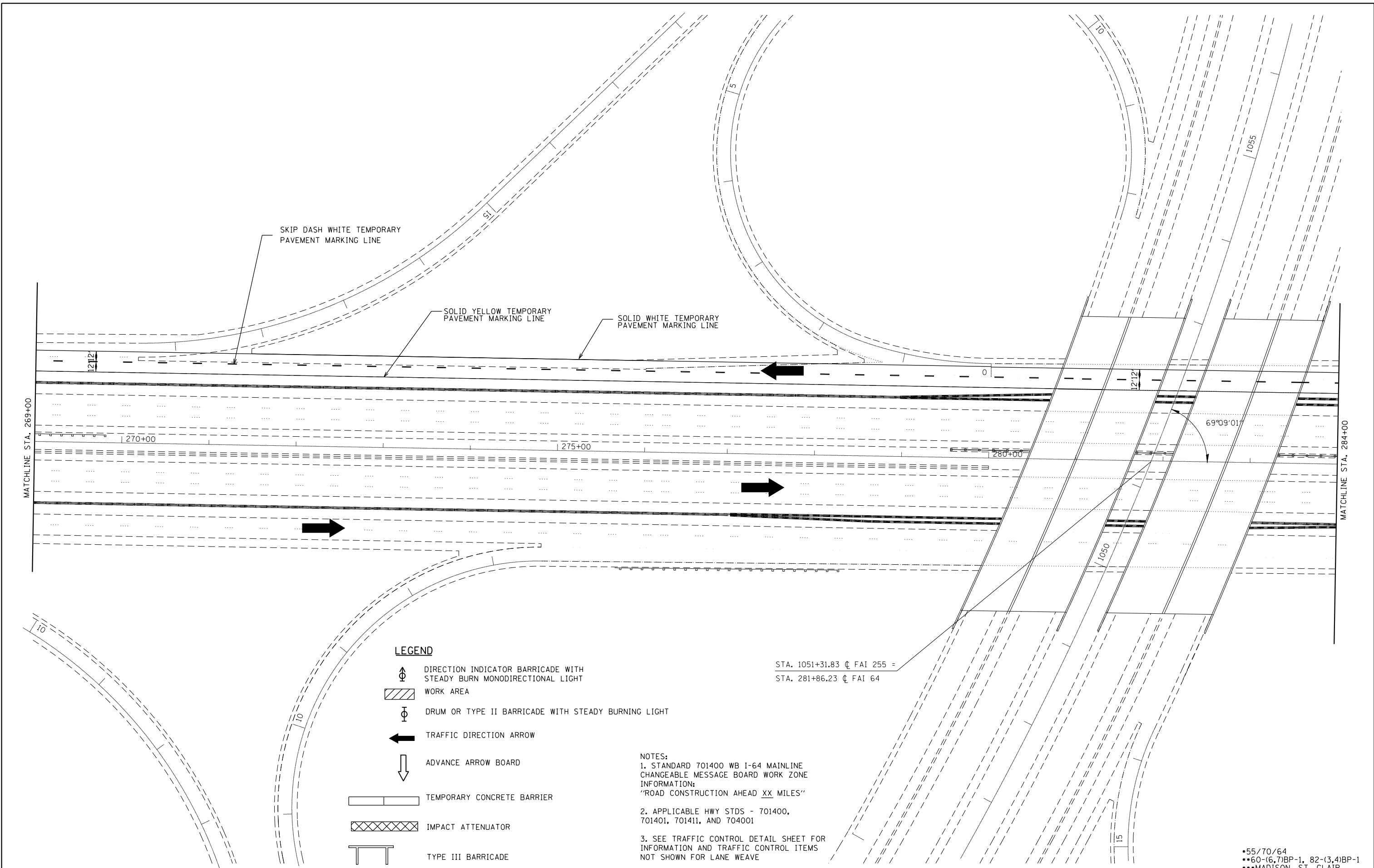
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**






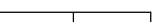


TRAFFIC CONTROL STAGE 3			
SCALE: 50:1	SHEET 1	OF 8 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	...	38	27
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

NOTES:
 1. STANDARD 701400 WB I-64 MAINLINE CHANGEABLE MESSAGE BOARD WORK ZONE INFORMATION: "ROAD CONSTRUCTION AHEAD XX MILES"
 2. APPLICABLE HWY STDS - 701400, 701401, 701411, AND 704001
 3. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE

STA. 1051+31.83 C/F FAI 255 =
 STA. 281+86.23 C/F FAI 64

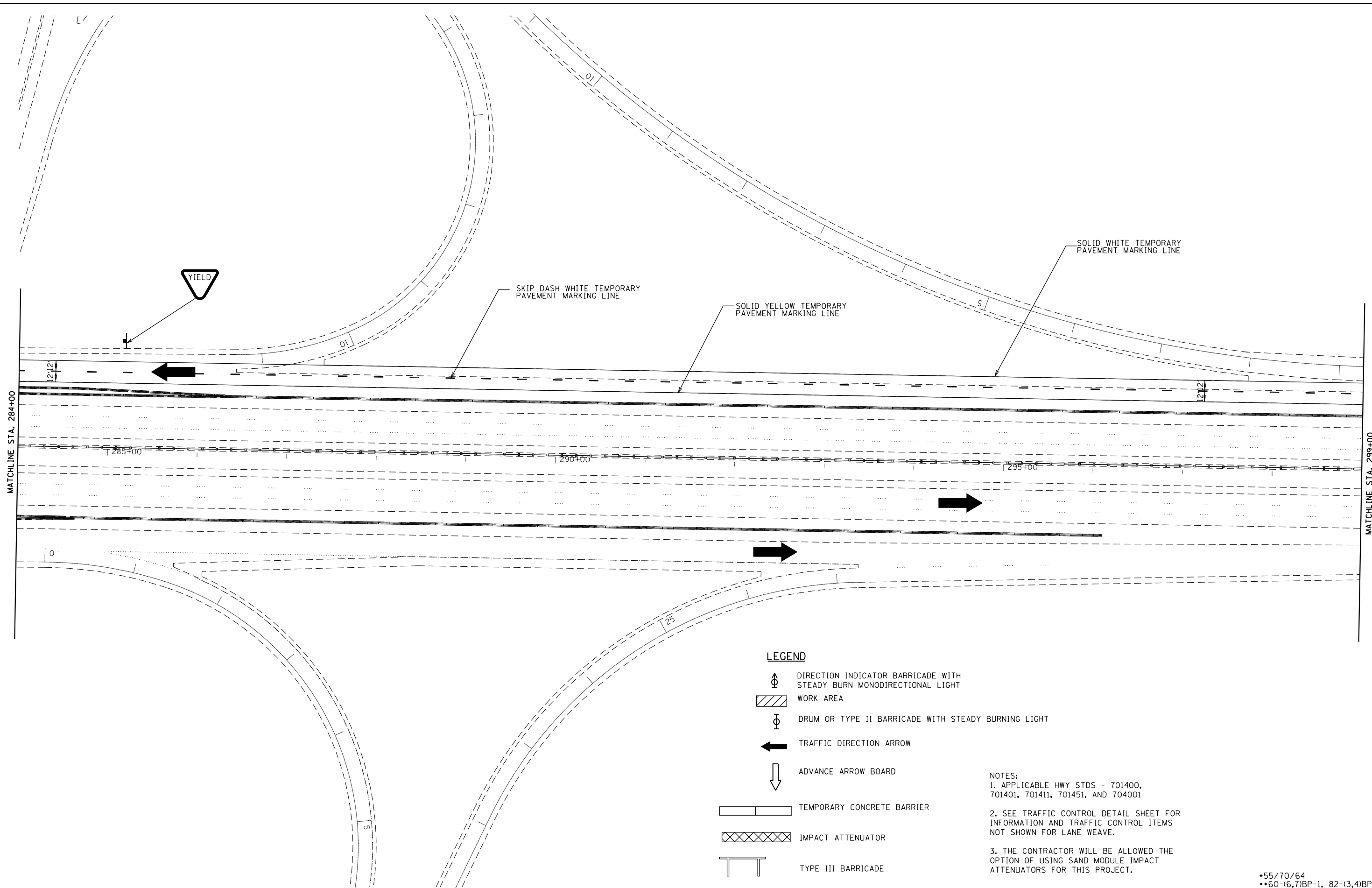
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Default	PLOT DATE = 5/4/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**









TRAFFIC CONTROL STAGE 3		SCALE: 50:1	SHEET 2 OF 8 SHEETS	STA. TO STA.
------------------------------------	--	-------------	---------------------	--------------

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	...	38	28
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

NOTES:
 1. APPLICABLE HWY STDS - 701400, 701401, 701411, 701451, AND 704001
 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE.
 3. THE CONTRACTOR WILL BE ALLOWED THE OPTION OF USING SAND MODULE IMPACT ATTENUATORS FOR THIS PROJECT.

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

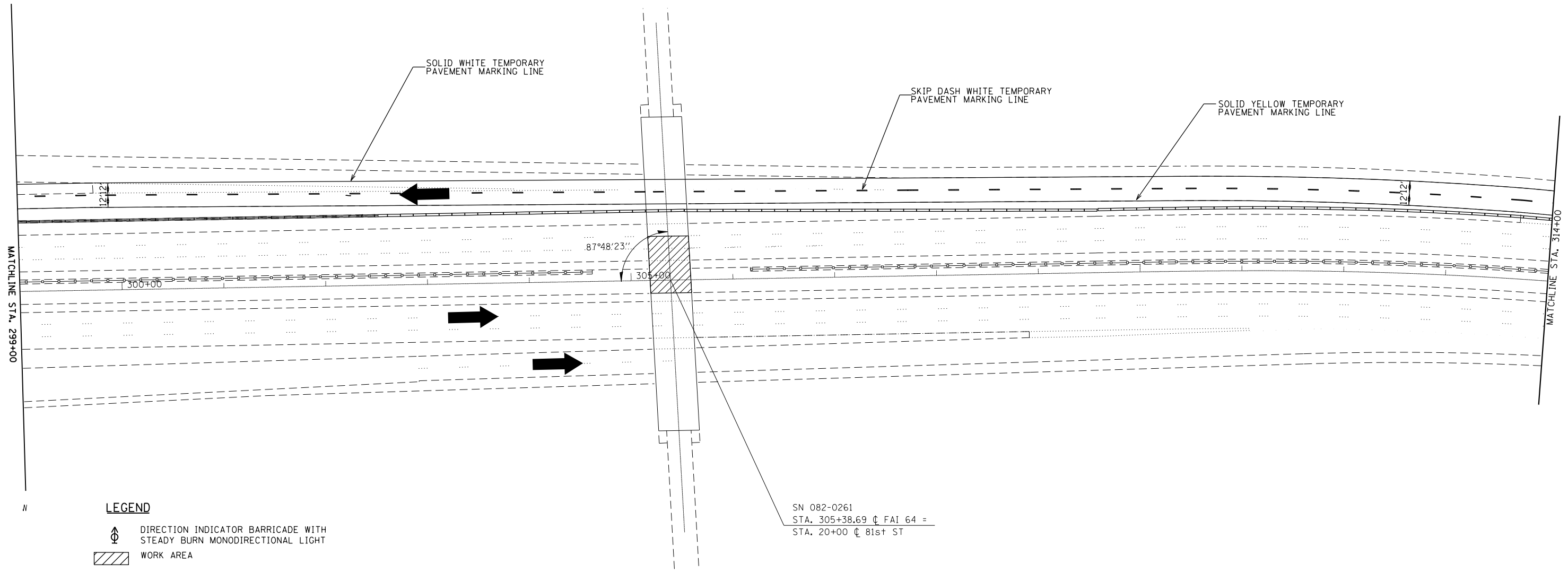
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






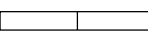

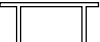
**TRAFFIC CONTROL
STAGE 3**

SCALE: 50:1 SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	29
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

NOTES:
 1. APPLICABLE HWY STDS - 701400, 701401, 701411, 701451, AND 704001
 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE.
 3. THE CONTRACTOR WILL BE ALLOWED THE OPTION OF USING SAND MODULE IMPACT ATTENUATORS FOR THIS PROJECT.

SN 082-0261
 STA. 305+38.69 @ FAI 64 =
 STA. 20+00 @ 81st ST

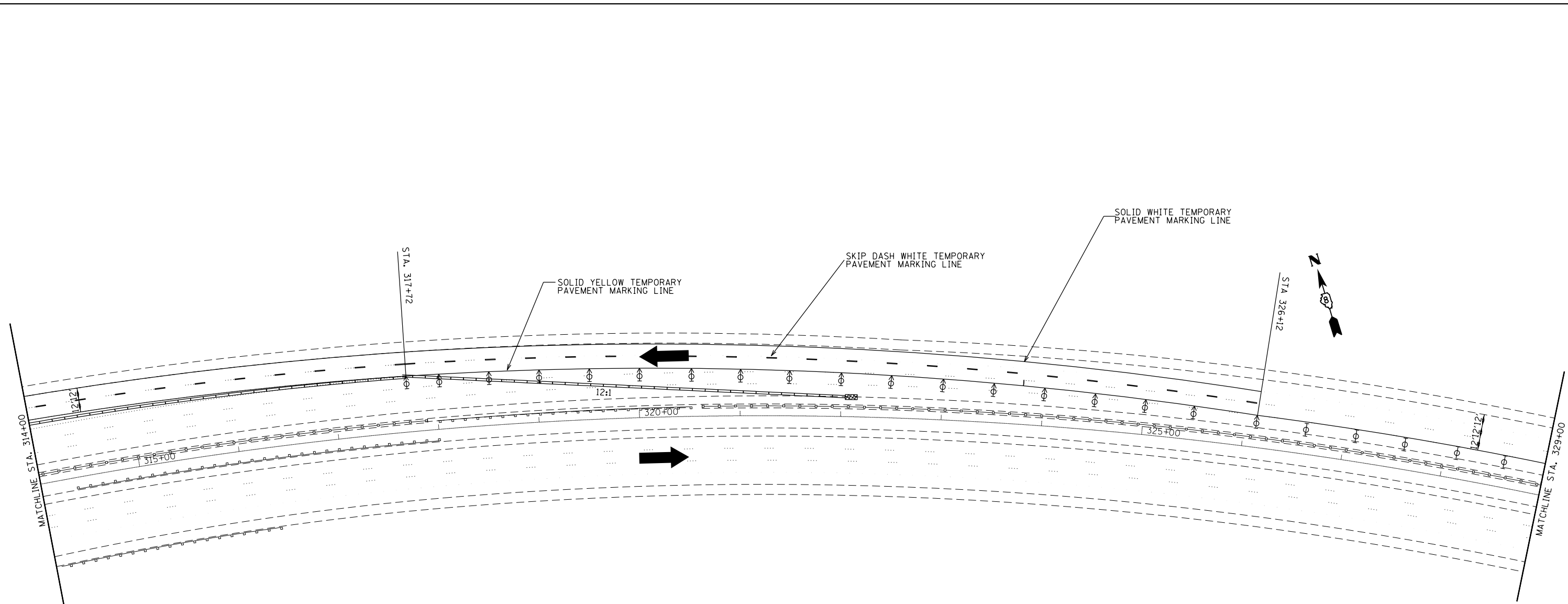
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**






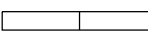


TRAFFIC CONTROL STAGE 3	
SCALE: 50:1	SHEET 4 OF 8 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	...	38	30
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

NOTES:
 1. APPLICABLE HWY STDS - 701400, 701401, 701411, 701451, AND 704001
 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE.
 3. THE CONTRACTOR WILL BE ALLOWED THE OPTION OF USING SAND MODULE IMPACT ATTENUATORS FOR THIS PROJECT.

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

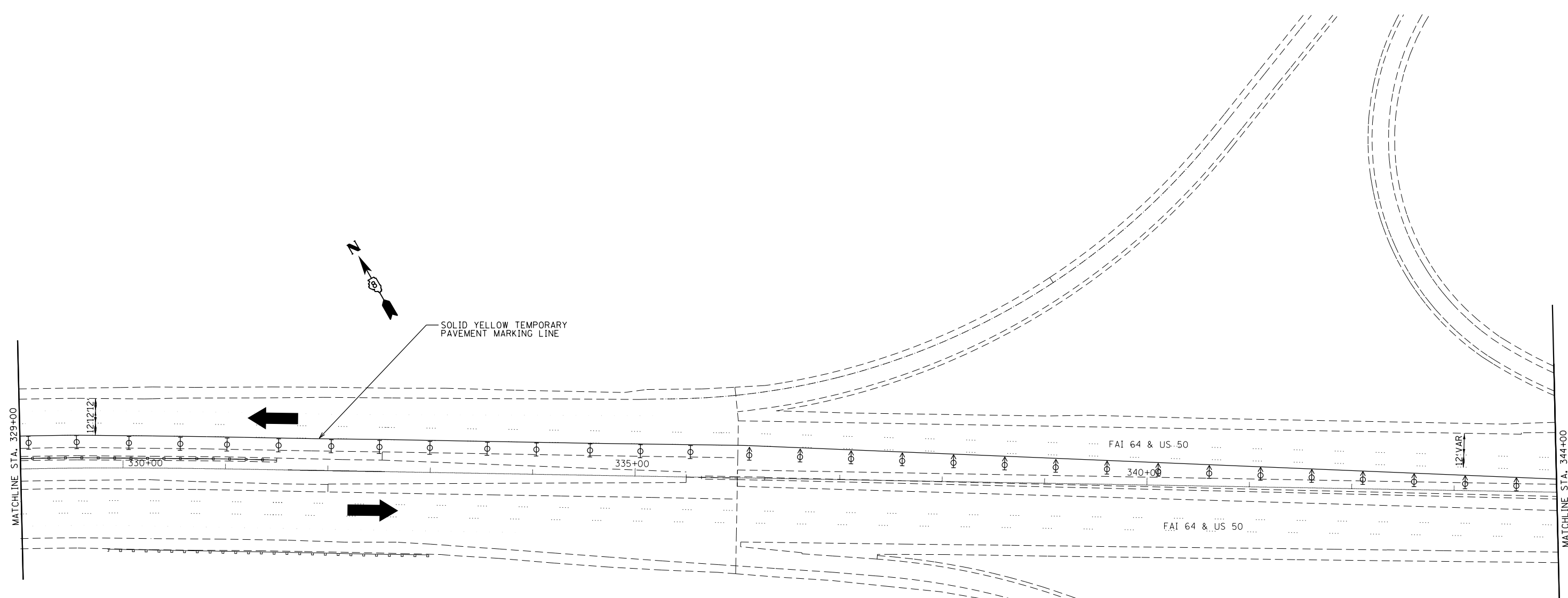
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**






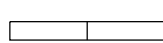
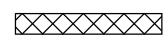

**TRAFFIC CONTROL
 STAGE 3**

SCALE: 50:1 SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	30A
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

NOTES:
 1. APPLICABLE HWY STDS - 701400, 701401, 701411, 701451, AND 704001
 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE.
 3. THE CONTRACTOR WILL BE ALLOWED THE OPTION OF USING SAND MODULE IMPACT ATTENUATORS FOR THIS PROJECT.

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

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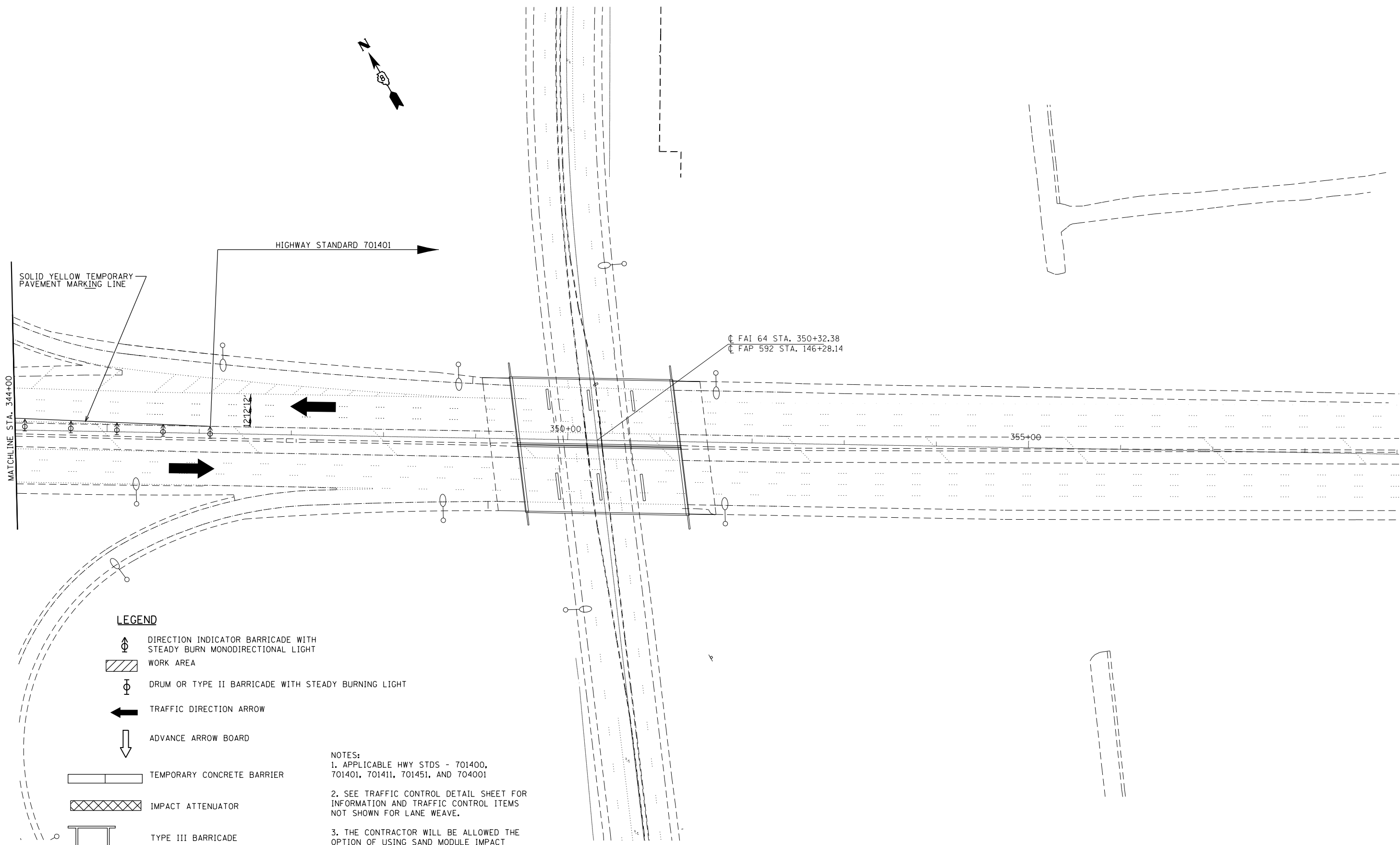
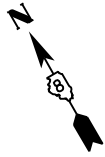
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL
 STAGE 3**






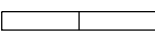


SCALE: 50:1 SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	30B
				CONTRACT NO. 76K13

ILLINOIS FED. AID PROJECT



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

- NOTES:**
1. APPLICABLE HWY STDS - 701400, 701401, 701411, 701451, AND 704001
 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE.
 3. THE CONTRACTOR WILL BE ALLOWED THE OPTION OF USING SAND MODULE IMPACT ATTENUATORS FOR THIS PROJECT.

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

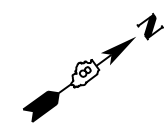
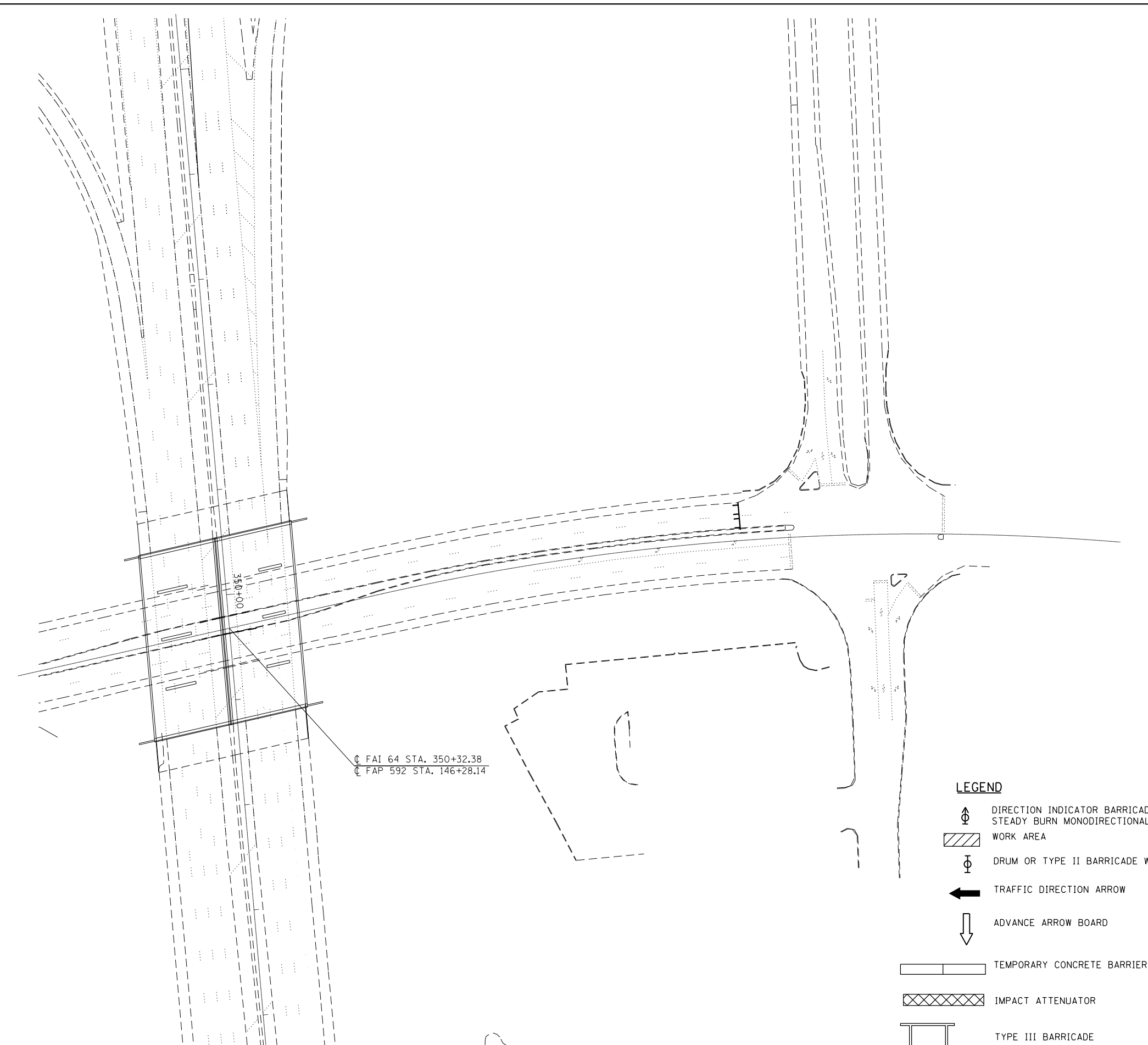
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	PLOT DATE = 5/4/2017		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**






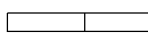

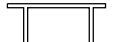
**TRAFFIC CONTROL
 STAGE 3**

SCALE: 50:1 SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	30C
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

- NOTES:
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 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE.
 3. THE CONTRACTOR WILL BE ALLOWED THE OPTION OF USING SAND MODULE IMPACT ATTENUATORS FOR THIS PROJECT.

•55/70/64
••60-(6,7)BP-1, 82-(3,4)BP-1
•••MADISON, ST. CLAIR

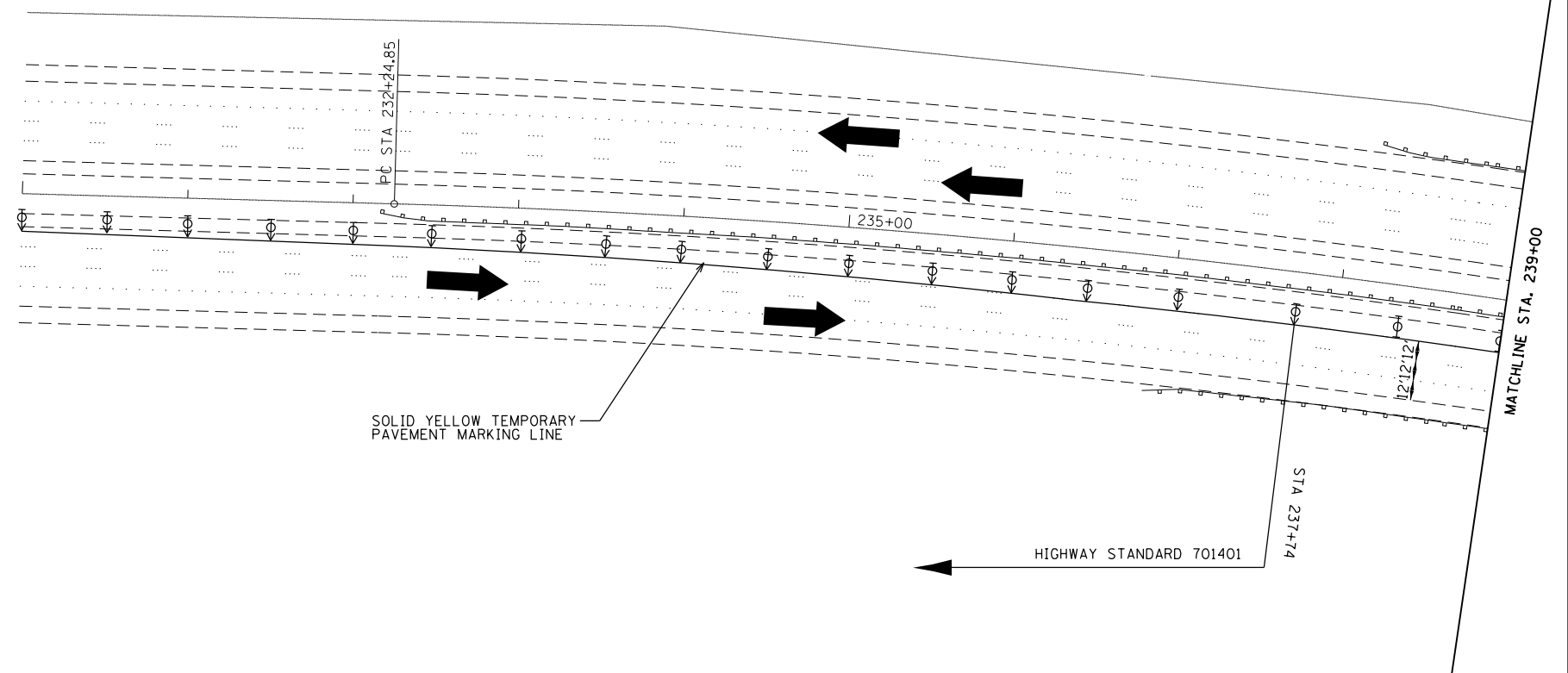
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






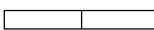


**TRAFFIC CONTROL
STAGE 3**

SCALE: 50:1 SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	30D
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

NOTES:
 1. APPLICABLE HWY STDS - 701400, 701401, 701411, 701451, AND 704001
 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE.
 3. THE CONTRACTOR WILL BE ALLOWED THE OPTION OF USING SAND MODULE IMPACT ATTENUATORS FOR THIS PROJECT.

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

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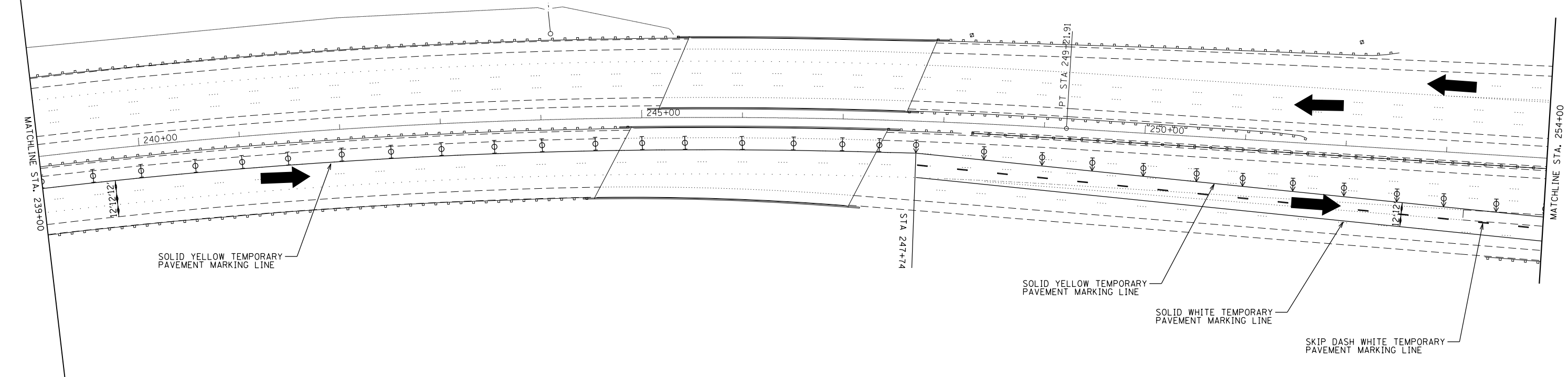
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL
 STAGE 4**

SCALE: 50:1 SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	38	30E
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 19
 PI STA. 240+79.64
 $\Delta = 16^\circ 58' 14''$ (RT)
 $D = 1^\circ 00' 00''$
 $T = 854.79'$
 $R = 5,729.58'$
 $L = 1,697.06'$
 $E = 63.41'$
 PC STA. 232+24.85
 PT STA. 249+21.91









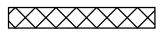

SOLID YELLOW TEMPORARY PAVEMENT MARKING LINE

SOLID YELLOW TEMPORARY PAVEMENT MARKING LINE

SOLID WHITE TEMPORARY PAVEMENT MARKING LINE

SKIP DASH WHITE TEMPORARY PAVEMENT MARKING LINE

LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

NOTES:
 1. APPLICABLE HWY STDS - 701400, 701401, 701411, 701451, AND 704001
 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE.
 3. THE CONTRACTOR WILL BE ALLOWED THE OPTION OF USING SAND MODULE IMPACT ATTENUATORS FOR THIS PROJECT.

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

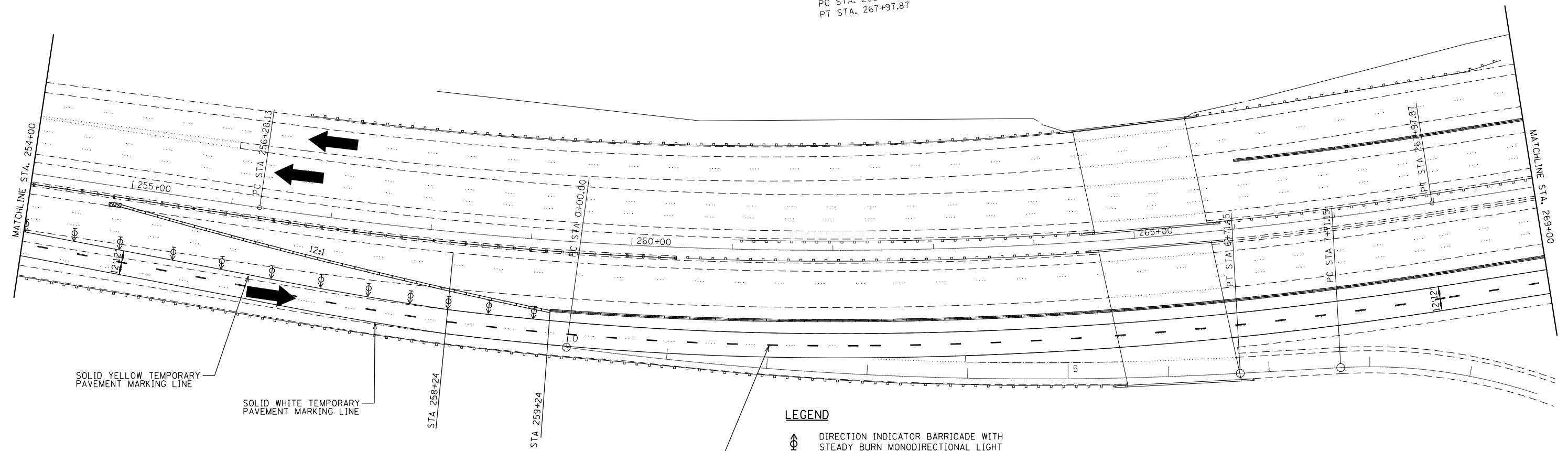
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Default	PLOT DATE = 5/4/2017	DATE -	REVISED -

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 DEPARTMENT OF TRANSPORTATION**









TRAFFIC CONTROL STAGE 4			
SCALE: 50:1	SHEET 2	OF 6 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	30F
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 20
 PI STA. 262+17.61
 $\Delta = 17^{\circ} 32' 46''$ (LT)
 $D = 1^{\circ} 30' 00''$
 $T = 589.48'$
 $R = 3,819.72'$
 $L = 1,169.74'$
 $E = 45.22'$
 PC STA. 256+28.13
 PT STA. 267+97.87



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

NOTES:
 1. APPLICABLE HWY STDS - 701400, 701401, 701411, 701451, AND 704001
 2. SEE TRAFFIC CONTROL DETAIL SHEET FOR INFORMATION AND TRAFFIC CONTROL ITEMS NOT SHOWN FOR LANE WEAVE.
 3. THE CONTRACTOR WILL BE ALLOWED THE OPTION OF USING SAND MODULE IMPACT ATTENUATORS FOR THIS PROJECT.

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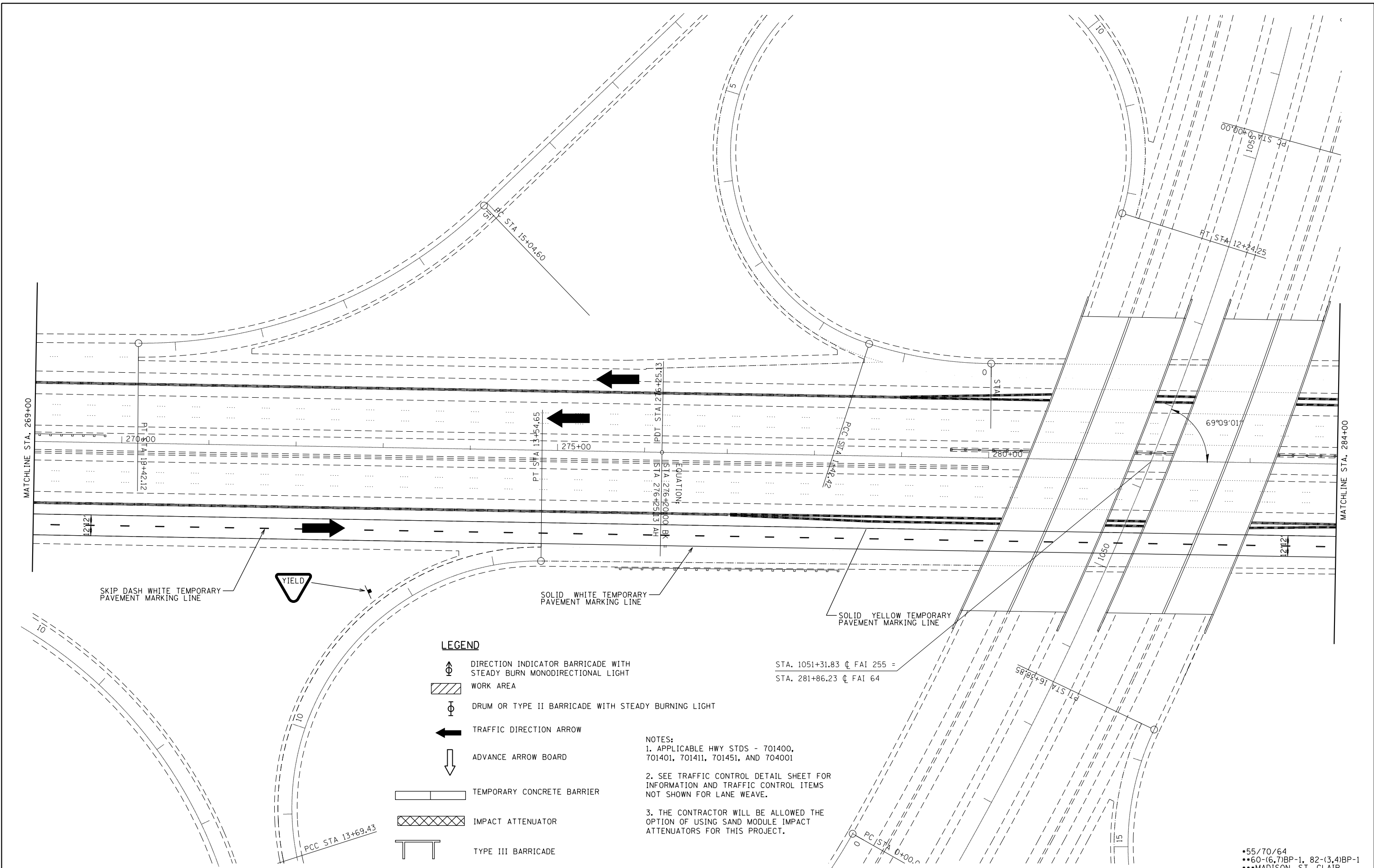
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL
 STAGE 4**

SCALE: 50:1 SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	30G
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR



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	PLOT DATE = 5/4/2017		

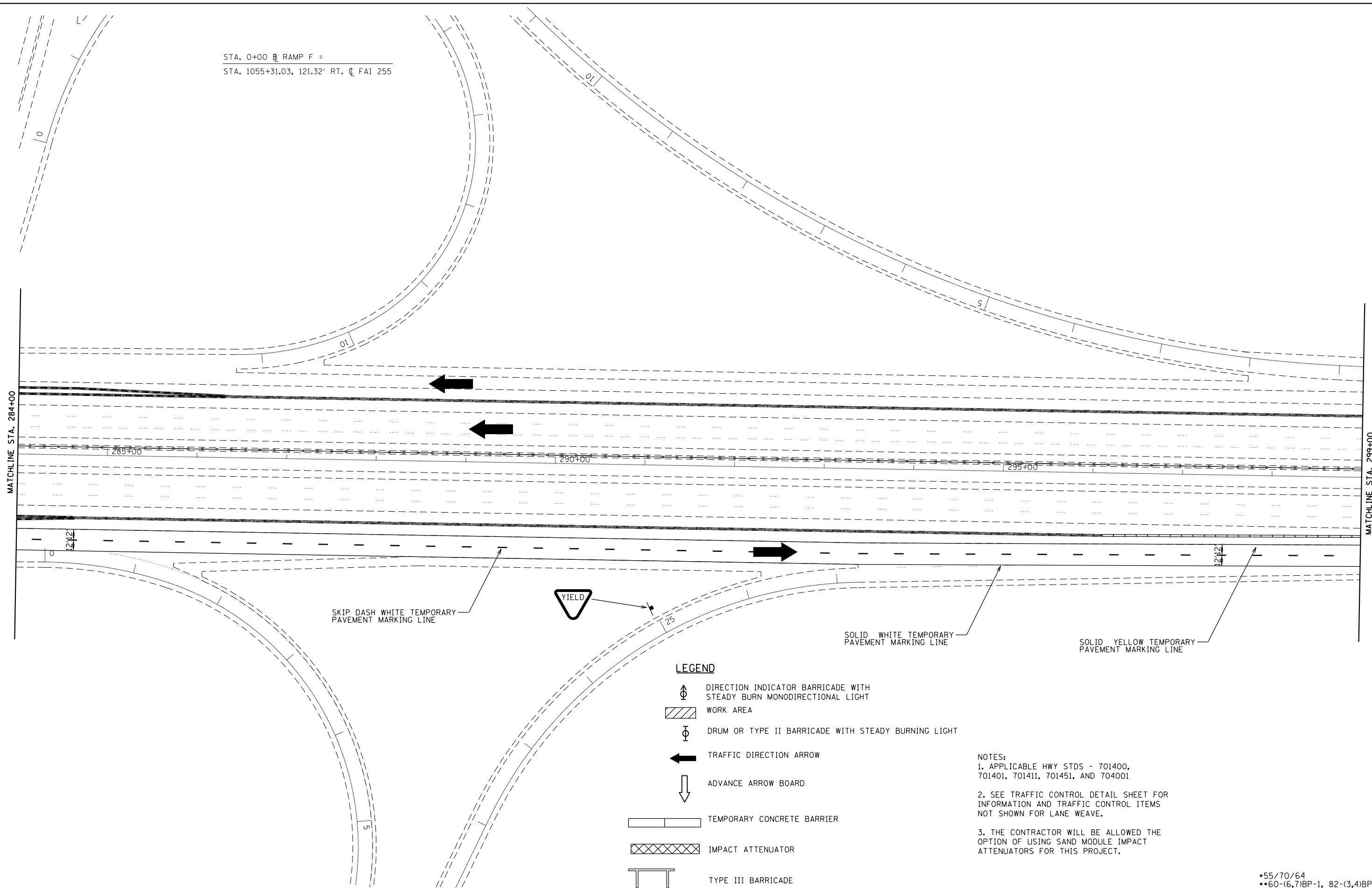
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL STAGE 4			
SCALE: 50:1	SHEET 4	OF 6 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	...	38	30H
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

•55/70/64
••60-(6,7)BP-1, 82-(3,4)BP-1
•••MADISON, ST. CLAIR

STA. 0+00 RAMP F =
 STA. 1055+31.03, 121.32' RT. C FAI 255



SKIP DASH WHITE TEMPORARY PAVEMENT MARKING LINE






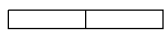




YIELD

SOLID WHITE TEMPORARY PAVEMENT MARKING LINE

SOLID YELLOW TEMPORARY PAVEMENT MARKING LINE

LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TYPE III BARRICADE

NOTES:
 1. APPLICABLE HWY STDS - 701400, 701401, 701411, 701451, AND 704001
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•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

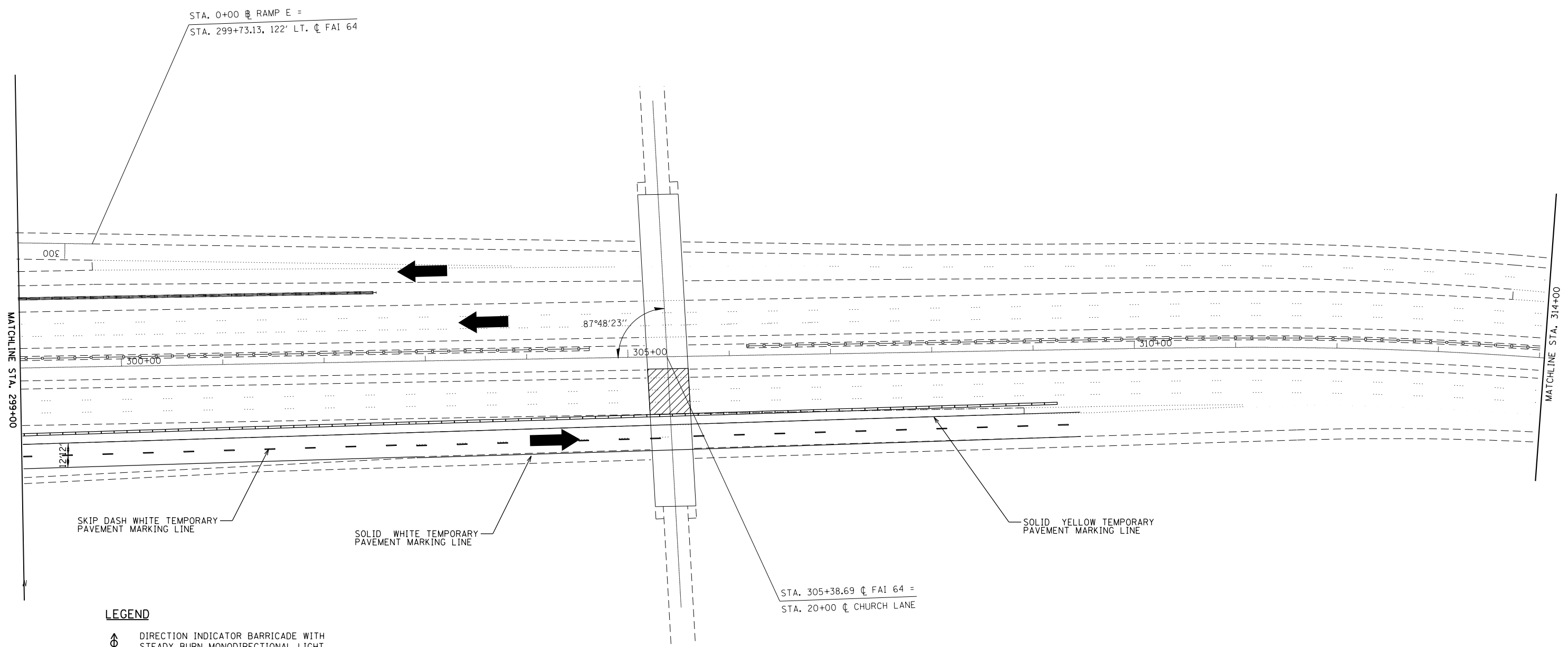
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 DEPARTMENT OF TRANSPORTATION**






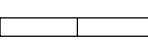
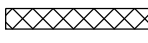

**TRAFFIC CONTROL
 STAGE 4**

SCALE: 50:1 SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	38	301
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



LEGEND

-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK AREA
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  TRAFFIC DIRECTION ARROW
-  ADVANCE ARROW BOARD
-  TEMPORARY CONCRETE BARRIER
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NOTES:
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL
STAGE 4**

SCALE: 50:1 SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	38	30J
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR



*55/70/64
 **60-(6,7)BP-1, 82-(3,4)BP-1
 ***MADISON, ST. CLAIR

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**255 NORTH TO 55/70 SOUTH
 DETOUR 1**

SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	38	31
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



*55/70/64
 **60-(6,7)BP-1, 82-(3,4)BP-1
 ***MADISON, ST. CLAIR

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	PLOT DATE = 5/4/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DETAILS AT I-64 INTERCHANGE
 DETOUR 1**

SCALE: 50:1 SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	32
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS AT I-255 INTERCHANGE
DETOUR 2**

SCALE: 50:1 SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	34
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				

- 55/70/64
- 60-(6,7)BP-1, 82-(3,4)BP-1
- MADISON, ST. CLAIR



•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

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	PLOT DATE = 5/4/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DETAILS AT I-64 INTERCHANGE
 DETOUR 2**

SCALE: 50:1 SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	35
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



*55/70/64
 **60-(6,7)BP-1, 82-(3,4)BP-1
 ***MADISON, ST. CLAIR

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55/70 SOUTH
DETOUR 3

SCALE: 50:1 SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	36
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DETAILS AT I-255 INTERCHANGE
 DETOUR 3**

SCALE: 50:1 SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	37
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				



•55/70/64
 ••60-(6,7)BP-1, 82-(3,4)BP-1
 •••MADISON, ST. CLAIR

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	PLOT DATE = 5/4/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DETAILS AT I-64 INTERCHANGE
 DETOUR 3**

SCALE: 50:1 SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	38	38
CONTRACT NO. 76K13				
ILLINOIS FED. AID PROJECT				