

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

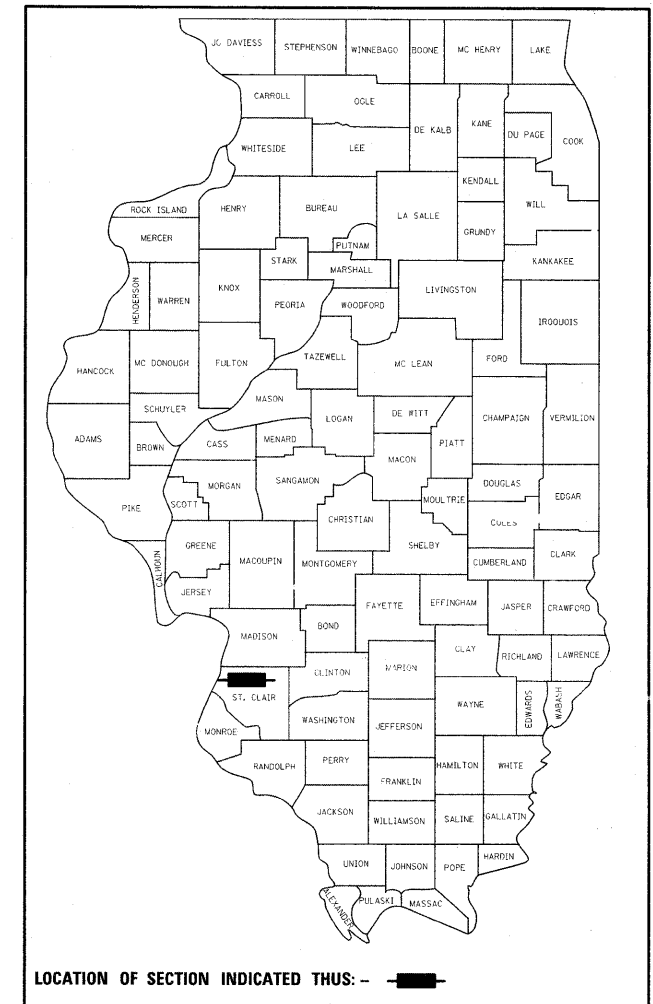
FAI ROUTE 64 (I-64)
SECTION 82-(3,4)RS
I-64 RESURFACING AND BRIDGE REPAIRS
ST. CLAIR COUNTY
PROJECT ACIM-064-1(129)004

C-98-106-01

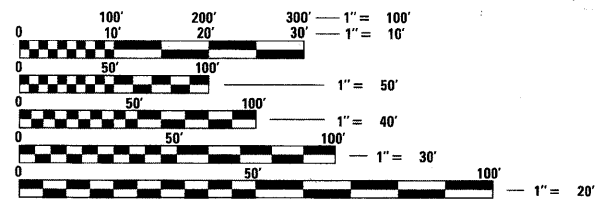
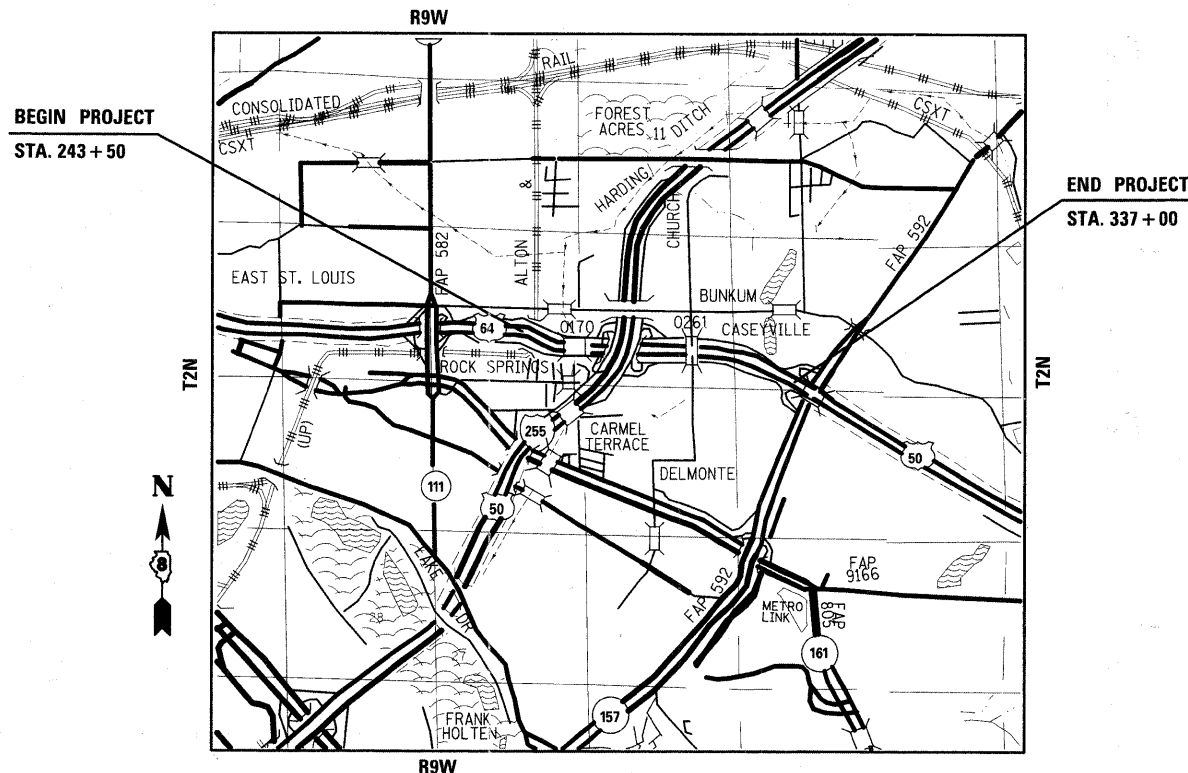
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	1
		ILLINOIS	CONTRACT NO. 76415	

*167 + 2 = 169

D-98-143-00



FOR INDEX OF SHEETS, SEE SHEET NO. 2



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

FAI 64 ADT

WEST OF I-255	EAST OF I-255
2005 ADT=56600 (ACTUAL)	2007 ADT=89100 (ACTUAL)
2009 ADT=58900 (EST)	2009 ADT=90900 (EST)
2029 ADT=71800 (EST)	2029 ADT=100900 (EST)
SU = 4.4%, MU = 8.7%	SU = 2.7%, MU = 9.8%

GROSS LENGTH = 9130 FT. = 1.77 MILE
NET LENGTH = 9130 FT. = 1.77 MILE

PROJECT ENGINEER: TIM PADGETT
PROJECT MANAGER: LIZ BURNSIDE

CONTRACT NO. 76415

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 21 20 11

Chris M. Brown
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 9 20 11

Scott E. Stott, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

December 9 20 11

William R. Franzer
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

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STANDARDS

000001-06	701321-12
001006	701326-04
442001-04	701400-05
442201-03	701401-06
482011-03	701402-09
542301-03	701406-06
602301-03	701411-08
602306-03	701421-04
604071-04	701426-04
630001-10	701446-03
631011-08	701456-02
631031-10	701901-02
635001-01	704001-07
635006-03	720001-01
637006-02	720006-03
642001-02	720011-01
701101-02	780001-03
701106-02	781001-03

COMMITMENTS

NONE

EB 1-LANE RESTRICTIONS SCHEDULE

SUNDAY				MONDAY				TUESDAY				WEDNESDAY				THURSDAY				FRIDAY				SATURDAY																							
LANE RESTRICTIONS PERMITTED				NO LANE RESTRICTIONS PERMITTED				LANE RESTRICTIONS PERMITTED				NO LANE RESTRICTIONS PERMITTED				LANE RESTRICTIONS PERMITTED				NO LANE RESTRICTIONS PERMITTED				LANE RESTRICTIONS PERMITTED				NO LANE RESTRICTIONS PERMITTED																			
12A	3A	6A	9A	12P	3P	6P	8P	12A	3A	6A	9A	12P	3P	6P	8P	12A	3A	6A	9A	12P	3P	6P	8P	12A	3A	6A	9A	12P	3P	6P	8P	12A	3A	6A	9A	12P	3P	6P	8P	12A	3A	6A	9A	12P	3P	6P	8P

WB 1-LANE RESTRICTIONS SCHEDULE

SUNDAY		MONDAY				TUESDAY				WEDNESDAY				THURSDAY				FRIDAY				SATURDAY																				
LANE RESTRICT. PERMITTED		NO LANE RESTRICT. PERMITTED		LANE RESTRICT. PERMITTED		NO LANE RESTRICT. PERMITTED		LANE RESTRICT. PERMITTED		NO LANE RESTRICT. PERMITTED		LANE RESTRICT. PERMITTED		NO LANE RESTRICT. PERMITTED		LANE RESTRICT. PERMITTED		NO LANE RESTRICT. PERMITTED		LANE RESTRICT. PERMITTED		NO LANE RESTRICT. PERMITTED																				
12A	12P	12A	6A	9A	10A	3P	6P	7P	12A	3A	6A	9A	10A	3P	6P	7P	12A	3A	6A	9A	10A	3P	6P	7P	12A	3A	6A	9A	10A	3P	6P	7P	12A	3A	6A	9A	10A	3P	6P	7P	12A	12P

EB 2-LANE RESTRICTIONS SCHEDULE

SUNDAY				MONDAY				TUESDAY				WEDNESDAY				THURSDAY				FRIDAY				SATURDAY																							
LANE RESTRICTIONS PERMITTED				NO LANE RESTRICTIONS PERMITTED				LANE RESTRICTIONS PERMITTED				NO LANE RESTRICTIONS PERMITTED				LANE RESTRICTIONS PERMITTED				NO LANE RESTRICTIONS PERMITTED				LANE RESTRICTIONS PERMITTED																							
12A	3A	7A	9A	12P	3P	6P	10P	12A	3A	7A	9A	12P	3P	6P	10P	12A	3A	7A	9A	12P	3P	6P	10P	12A	3A	7A	9A	12P	3P	6P	10P	12A	3A	7A	9A	12P	3P	6P	10P	12A	3A	7A	9A	12P	3P	6P	10P

WB 2-LANE RESTRICTIONS SCHEDULE

SUNDAY				MONDAY				TUESDAY				WEDNESDAY				THURSDAY				FRIDAY				SATURDAY																							
LANE RESTRICTIONS PERMITTED				NO LANE RESTRICTIONS PERMITTED				LANE RESTRICTIONS PERMITTED				NO LANE RESTRICTIONS PERMITTED				LANE RESTRICTIONS PERMITTED				NO LANE RESTRICTIONS PERMITTED				LANE RESTRICTIONS PERMITTED																							
12A	3A	6A	9A	12P	3P	6P	9P	12A	3A	6A	9A	12P	3P	6P	9P	12A	3A	6A	9A	12P	3P	6P	9P	12A	3A	6A	9A	12P	3P	6P	9P	12A	3A	6A	9A	12P	3P	6P	9P	12A	3A	6A	9A	12P	3P	6P	9P

FILE NAME =	USER NAME = burnsdeem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS, LANE RESTRICTIONS AND COMMITMENTS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\burnsdeem\10/21/2011\76415-shr-plan.dgn	PLOT SCALE = 50.0000' / 1" =	CHECKED -	REVISED -						64	82-(3,4)RS	ST. CLAIR	167	2
	PLOT DATE = 10/21/2011	DATE -	REVISED -		SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____				FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76415													

GENERAL NOTES

- ① ROADWAY PATCHING SHALL BE DONE BEFORE THE BRIDGE STAGE CONSTRUCTION. ALSO, DURING BRIDGE STAGE CONSTRUCTION, THE CONTRACTOR WILL NOT BE ALLOWED TO CLOSE ANY ADDITIONAL LANES ON THE PROJECT.
- ② EXCESS BITUMEN REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- ③ MIXTURES FOR JOINTS, CRACKS, AND FLANGWAYS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- ④ 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. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
* AMEREN ILLINOIS - GAS AND ELECTRIC	X	X
* AT&T ILLINOIS - COMMUNICATIONS	X	X
* BUCKEYE PARTNERS L.P. - WOOD RIVER PIPELINE		X
* VILLAGE OF CASEYVILLE - WATER & SEWER		X
* CENTERPOINT ENERGY - PIPELINE		X
* CHARTER COMMUNICATIONS, INC. - CABLE TV	X	X
* ILLINOIS AMERICAN WATER COMPANY - WATER		X
* MEDIACOM LLC CENTRAL - CABLE TV	X	X

MEMBERS OF J.U.L.I.E. CAN CALL TOLL FREE (800)-892-0123 OR 811 AND ARE INDICATED BY "**". NON-MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- ⑤ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAI 64
SECTION	82-(3,4)RS
COUNTY	ST. CLAIR
CONTRACT	76415

DESCRIPTION	I-64 RESURFACING AND BRIDGE REPAIRS FROM 0.7 MILES EAST OF IL 111 TO 0.3 MILES WEST OF IL 157
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ADT (Construction Yr):	89100
MU%:	9.8
SU%:	2.7
20YR. ESAL'S:	54.92

MIXTURE USE	POLY SMA SURFACE	POLY FG BINDER	PART. DEPTH PATCH
AC/PG	SBS PG 76-22	SBS PG 76-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=80	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION (GRADATION MIXTURE)	SMA	IL FINE GRADE 19.0	IL 9.5
FRICTION AGG	SEE SPEC. PROV.	MIXTURE "B"	MIXTURE "C"

MIXTURE USE	SHOULDERS > 2.25"	SHOULDERS < 2.25"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE CONTRACT RAP	SEE CONTRACT RAP
DESIGN AIR VOIDS	SPECIAL PROVISION	SPECIAL PROVISION
MIX COMPOSITION (GRADATION MIXTURE)	**2.0% @ Ndes=30	**2.0% @ Ndes=30
FRICTION AGG	NMAS 3/4"	NMAS 1/2"

** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.
Plan quantities for Bituminous Concrete Surface Course items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).

ROUTE	FAI 64
SECTION	82(3,4)RS
COUNTY	ST. CLAIR
CONTRACT	

DESCRIPTION:	DECK RESURFACING OF THE STRUCTURE CARRYING I-64 OVER ASRR
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ADT (2012):	61300
MU%:	8.7
SU%:	4.4
20 YR. ESAL'S:	35.52

MIXTURE USE	POLY SURFACE
AC/PG	SBS PG 76-22
RAP % (MAX)	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=90
MIX COMPOSITION (GRADATION MIXTURE)	
FRICTION AGG	MIXTURE "E"

MIXTURE USE	SHOULDERS > 2.25"	SHOULDERS < 2.25"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	See Contract RAP	See Contract RAP
DESIGN AIR VOIDS	Special Provision	Special Provision
MIX COMPOSITION (GRADATION MIXTURE)	**2.0% @ Ndes=30	**2.0% @ Ndes=30
FRICTION AGG	NMAS 3/4"	NMAS 1/2"

ROUTE	FAI 64
SECTION	82(3,4)RS
COUNTY	ST. CLAIR
CONTRACT	

DESCRIPTION:	DECK RESURFACING OF THE STRUCTURE CARRYING 81st STREET OVER I-64 SN 082-0261
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ADT (Construction Yr):	300
MU%:	3
SU%:	3
20 YR. ESAL'S:	0.06

MIXTURE USE	SURFACE	WIDENING
AC/PG	PG64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)		IL 19.0
FRICTION AGG	MIXTURE "C"	MIXTURE "B"

ROUTE	FAI 64
SECTION	82(3,4)RS
COUNTY	ST. CLAIR
CONTRACT	

DESCRIPTION:	STAGE CONSTRUCTION
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ADT (2012):	300
MU%:	3
SU%:	3
20 YR. ESAL'S:	0.06

MIXTURE USE	SURFACE	BINDER
AC/PG	PG64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION (GRADATION MIXTURE)		IL 19.0
FRICTION AGG	MIXTURE "D"	MIXTURE "B"

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -
ca:\work\p\dot\burnsideem\d8109244\d8109244-81st-st-plan.dgn	76415-81st-plan.dgn	DRAWN -	REVISED -
PLOT SCALE = 50.0000 ' / in.		CHECKED -	REVISED -
PLOT DATE = 11/30/2011		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	3
CONTRACT NO. 76415			ILLINOIS FED. AID PROJECT	

GENERAL NOTES – CONTINUED

- ⑥ SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, BINDER AND FINAL SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKINGS HAS BEEN ADDED TO THE PLANS. TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS. ONLY REMOVAL FROM FINAL SURFACE SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL.
- ⑦ HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR ALL PCC PATCHING.
- ⑧ EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE.
- ⑨ THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ⑩ THE ILLINOIS DEPARTMENT OF TRASPORATION 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 HIGWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (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. PLEASE 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.
- ⑪ EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS.
- ⑫ "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT INCLUDING ALL RAMPS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE. (48"X48")
- ⑬ THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- ⑭ THE CONTRACTOR SHALL HAVE THE OPTION TO SLIPFORM THE CONCRETE BARRIER.
- ⑮ PAY FOR PERFORMANCE CHART:
 1) POLYMER FINE GRADE N90 BINDER TOTAL - 14121 TONS
 2) POLYMER SURFACE SMA N80 TOTAL - 12634 TONS
- ⑯ SIX LOCATIONS AND TEN MONTHS WAS ASSUME FOR THE QUANTITY OF CHANGEABLE MESSAGE SIGN.
- ⑰ WESTBOUND STATION 304+75 TO STATION 306+00 WILL NOT GET POLY HMA BINDER COURSE ONLY 2" OF POLY HMA SURFACE COURSE TO MEET THE NECESSARY VERTICAL CLEARANCE AT THE 81ST STREET BRIDGE.
- ⑰ THE PROPOSED DRAINAGE HOLES NEEDED IN THE CONCRETE BARRIER FOR THE SIGN STRUCTURE FOUNDATION AT STATION 262+36, WILL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER, SINCLE FACE, 42".

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cd:\pw_work\p\dot\burnsideem\09244\d876415-sht-plan.dgn	76415-sht-plan.dgn	DRAWN -	REVISED -			64	82-(3,4)RS	ST. CLAIR	167	4	
PLOT SCALE = 50.0000' / 1" =	CHECKED -	REVISED -				CONTRACT NO. 76415					
PLOT DATE = 11/21/2011	DATE -	REVISED -				SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____ FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		90% FEDERAL 10% STATE 0005	0014	100% STATE 0005	CODE NO	ITEM		UNIT	0005
20200500	EARTH EXCAVATION (WIDENING)	CU YD	3729		3729	50104650	SLOPE WALL REMOVAL	SQ YD	611		611
20300100	CHANNEL EXCAVATION	CU YD	809		809	50157300	PROTECTIVE SHIELD	SQ YD	360		360
20700220	POROUS GRANULAR EMBANKMENT	CU YD	772	263	509	50300255	CONCRETE SUPERSTRUCTURE	CU YD	206.2		206.2
28100103	STONE RIPRAP, CLASS A2	SQ YD	194	194		50300260	BRIDGE DECK GROOVING	SQ YD	2913		2913
28100105	STONE RIPRAP, CLASS A3	SQ YD	43		43	50300300	PROTECTIVE COAT	SQ YD	4286	2940	1346
28100107	STONE RIPRAP, CLASS A4	SQ YD	1315	1315		50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	37430		37430
28200200	FILTER FABRIC	SQ YD	1515	1515		50606701	CLEANING AND PAINTING STRUCTURAL STEEL, LOCATION 1	L SUM	1		1
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	15890		15890	50606702	CLEANING AND PAINTING STRUCTURAL STEEL, LOCATION 2	L SUM	1		1
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	370		370	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	31480		31480
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	619		619	50800515	BAR SPLICERS	EACH	208		208
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	152.4	115.1	37.3	51100100	SLOPE WALL 4 INCH	SQ YD	611		611
40600300	AGGREGATE (PRIME COAT)	TON	578.2	526.2	52	52000110	PREFORMED JOINT STRIP SEAL	FOOT	819		819
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	12349	12082	267	52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	132		132
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	3292	3292		52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	24		24
40600990	TEMPORARY RAMP	SQ YD	5103	5103		52100520	ANCHOR BOLTS, 1"	EACH	312		312
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	9050		9050	54213459	END SECTIONS 24"	EACH	2	2	
40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	12634	12634		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2	
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	333		333	54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1	
40603345	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	1810		1810	54248510	CONCRETE COLLAR	CU YD	17	17	
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	TON	421		421	54390180	INSERTION CULVERT LINER 24"	FOOT	279	279	
44000100	PAVEMENT REMOVAL	SQ YD	15890		15890	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	360	360	
44001980	CONCRETE BARRIER REMOVAL	FOOT	3803	3803		550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	22	22	
44022025	PARTIAL DEPTH REMOVAL 2"	SQ YD	16188	16188		55101200	STORM SEWER REMOVAL 24"	FOOT	28	28	
44200529	CLASS A PATCHES, TYPE II, 8 INCH	SQ YD	492	492		58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	4947		4947
44200533	CLASS A PATCHES, TYPE III, 8 INCH	SQ YD	231	231		60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	27	27	
44200535	CLASS A PATCHES, TYPE IV, 8 INCH	SQ YD	346	346		60100074	SHOULDER REMOVAL AND REPLACEMENT 8"	FOOT	40029	40029	
44213000	PATCHING REINFORCEMENT	SQ YD	947	947		60107700	PIPE UNDERDRAINS 6"	FOOT	39459	39459	
44213200	SAW CUTS	FOOT	5490	5490		60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	1000	1000	
44213204	TIE BARS 3/4"	EACH	127	127		60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	45	45	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3836	3836		60240324	INLETS, TYPE B, TYPE 20 FRAME AND GRATE	EACH	2	2	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	13561	13561		60260100	INLETS TO BE ADJUSTED	EACH	100	96	4
50102400	CONCRETE REMOVAL	CU YD	187.8	2	185.8	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	675	675	
50104400	CONCRETE HEADWALL REMOVAL	EACH	27	27		*63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	4387.5	4387.5	

* SPECIALTY ITEM

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwork\pwork\burnsideem\0210244\0876415-shr-plan.dgn	DRAWN -	REVISED -	64			82-(3,4)RS	ST. CLAIR	167	5	
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -	CONTRACT NO. 76415							
PLOT DATE = 11/29/2011	DATE -	REVISED -	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		90% FEDERAL 10% STATE	0005	0014	100% STATE 0005	CODE NO	ITEM		UNIT	90% FEDERAL 10% STATE	0005
X63000017	STEEL PLATE BEAM GUARDRAIL, TYPE D, 6 FOOT POSTS	FOOT	487.5	487.5			70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	154206	63590	90616	
X63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	9	9			70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	23370	19370	4000	
X63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	9	9			70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	48		48	
X63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	7	7			70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	23936	2162	21774	
X63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	5	5			70400100	TEMPORARY CONCRETE BARRIER	FOOT	5255		5255	
63200310	GUARDRAIL REMOVAL	FOOT	4928	4928			70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2575		2575	
63500105	DELINEATORS	EACH	248	248			X72000300	SIGN PANEL - TYPE 3	SQ FT	2836			2836
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	688	688			72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	3162	3162		
63700255	CONCRETE BARRIER, DOUBLE FACE, 32 INCH HEIGHT	FOOT	250	250			X73301810	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	36	36		
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	2882	2882			73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	1		1	
63700805	CONCRETE BARRIER TRANSITION	FOOT	10	10			73801100	REMOVE AND REERECT OVERHEAD SIGN STRUCTURE-SPAN	EACH	1	1		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	51157	51157			X78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	2096	2096		
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2			X78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	580	580		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	11	11			X78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	61494	61494		
67100100	MOBILIZATION	L SUM	1	1			X78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	18790	18790		
70100201	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	0	0			X78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1426	1426		
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	2	1	1		X78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	63	63		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1			78200410	GUARDRAIL MARKERS, TYPE A	EACH	66	66		
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1		1		78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	12	12		
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1			78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1488	1488		
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1			80300100	LOCATING UNDERGROUND CABLE	FOOT	70	70		
70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	L SUM	1	1			81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	280	280		
70100825	TRAFFIC CONTROL AND PROTECTION, STANDRAD 701456	L SUM	1	1			81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	130	130		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	130	130			81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	2306	2,306		
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		1		81200250	CONDUIT EMBEDDED IN STRUCTURE, 3" DIA., PVC	FOOT	10	10		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	60	60			X81300986	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 8" X 24" X 10"	EACH	4	4		
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1			X81702410	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 4	FOOT	960	960		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	29461	19461	10000		X81702415	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6	FOOT	1432	1432		

*SPECIALTY ITEM

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE. 64	SECTION 82-(3,4)RS	COUNTY ST. CLAIR	TOTAL SHEETS 167	SHEET NO. 6
CONTRACT NO. 76415										

SUMMARY OF QUANTITIES

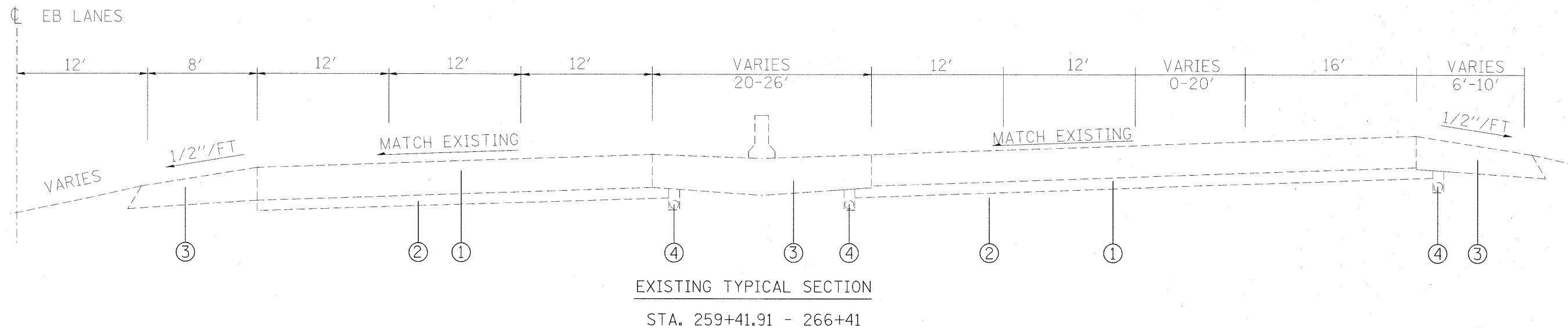
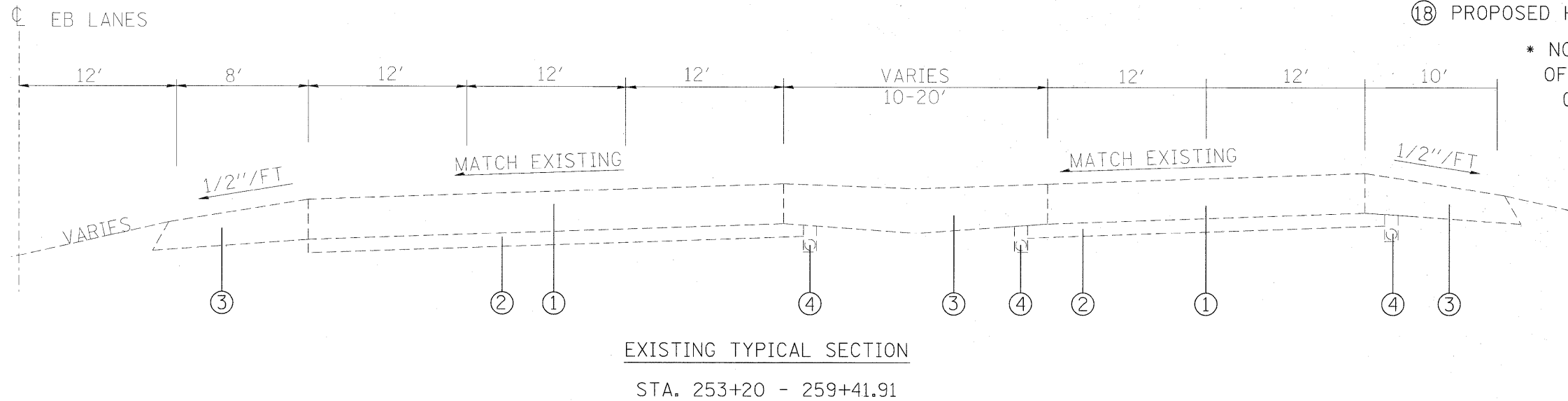
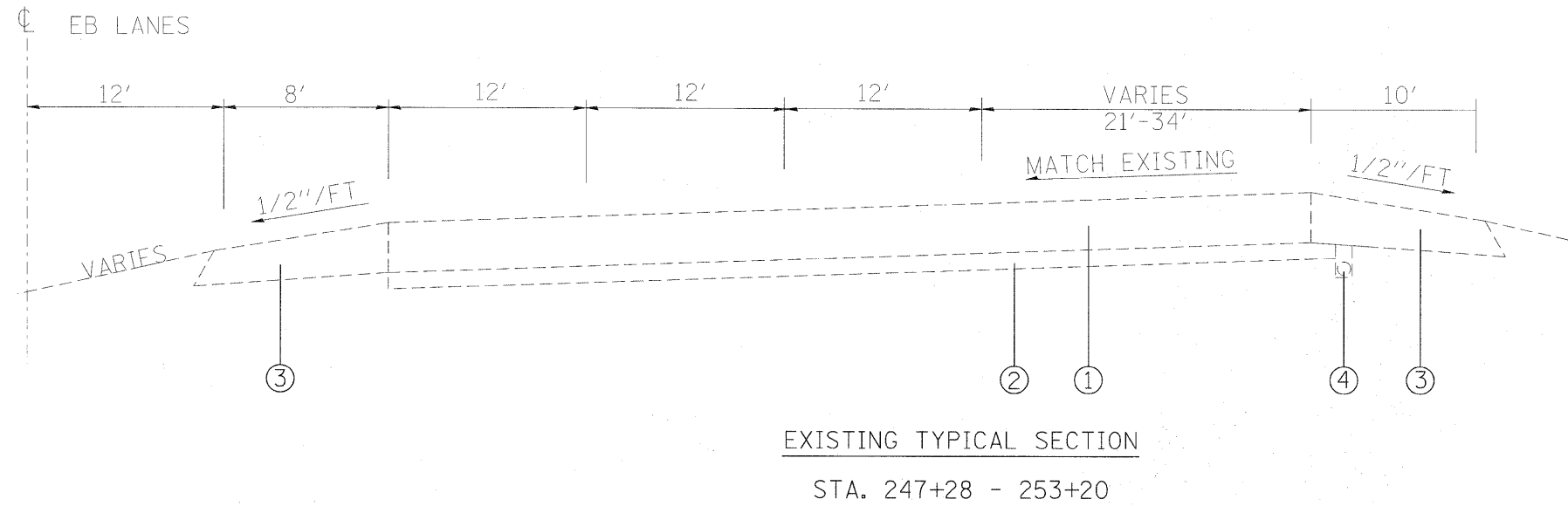
SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		90% FEDERAL 10% STATE 0005	0014	100% STATE 0005	CODE NO	ITEM	UNIT		90% FEDERAL 10% STATE 0005	0014	100% STATE 0005
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	8			Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	2660		2660		
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	870	870		Z0012166	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 3/4"	SQ YD	2660		2660		
X0322194	POLYMER MODIFIED PORTLAND CEMENT MORTAR	SQ FT	14		14	Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	306		306		
X0323491	SLOPE WALL CRACK SEALING	FOOT	48		48	Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	55		55		
X0323833	DYNAMIC MESSAGE SIGN	EACH	4		4	Z0015802	PLUG EXISTING DECK DRAINS	EACH	20		20		
X0325279	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	19	19		Z0018302	DRAINAGE STRUCTURES, TYPE 1 (SPECIAL)	EACH	47	47			
X0325893	CLEAN EXISTING END SECTION	EACH	2			Z0021908	SILICONE JOINT SEALER, 2"	FOOT	84		84		
X0326677	REMOVE HIGH TENSION CABLE MEDIAN BARRIER	FOOT	7731	7731		XZ0029652	HIGH TENSION CABLE MEDIAN BARRIER	FOOT	6885	6885			
X0502600	TEMPORARY LIGHTING	L SUM	1	1		XZ0029654	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS	EACH	10	10			
X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	100		100	Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	2	2			
X4400600	ENDS SECTIONS TO BE REMOVED	EACH	2	2		Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2		2		
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	891	891		XZ0030270	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	8		8		
X4421000	PARTIAL DEPTH PATCHING	TON	1813	1813		XZ0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	4		4		
X5010522	REMOVE CONCRETE END SECTION	EACH	3	3		Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2		2		
X6350120	DELINEATOR REMOVAL	EACH	248	248		Z0032470	JOINT SEALER	FOOT	442		442		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		1	Z0038115	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1/2"	SQ YD	113791	113791			
X7330070	OVERHEAD SIGN SUPPORT GROUT REPAIR	EACH	5	5		Z0041895	POLYMER CONCRETE	CU FT	25		25		
X7330112	SAFETY CHAIN	EACH	8	8		Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1		
X7333095	OVERHEAD SIGN STRUCTURE - SPAN, (SPECIAL)	FOOT	67.5	67.5		+ Z0076600	TRAINEES	3,000	3,000				
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	2096	2096		X7330094	INTERNAL TRUSS DAMPER	EACH	1		1		
X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	580	580		X7330090	METAL SCREEN	EACH	1		1		
X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	12	12		X7360106	REMOVE OVERHEAD SIGN STRUCTURE-SPAN, SPECIAL	EACH	1		1		
X8440110	RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE	EACH	12	12		40603243	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90	TON	14121	14121			
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	156		156								
Z0001903	STRUCTURAL STEEL REMOVAL	POUNDS	1280		1280								
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	6954		6954								
Z0005300	BOX CULVERTS TO BE CLEANED	EACH	1										
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1										
Z0007102	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 2	L SUM	1										
Z0010400	CLEANING BRIDGE SEATS	SQ FT	2769										
Z0010605	CLEANING DRAINAGE SYSTEM	L SUM	1										
Z0010615	CLEANING EXISTING INLETS	EACH	6										

+ 8042
* SPECIALTY ITEM

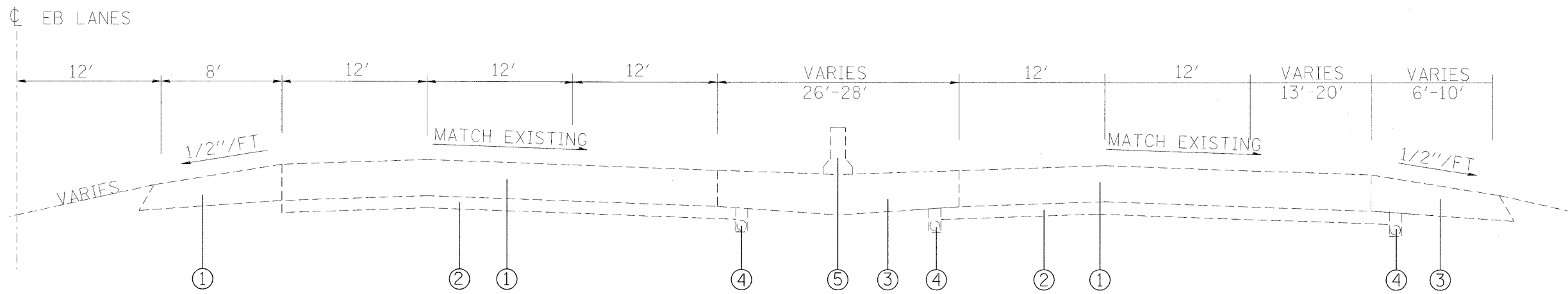
LEGEND

- ① EXISTING CRPCC PAVEMENT, 8"
- ② EXISTING STABILIZED SUB-BASE, 4"
- ③ EXISTING BITUMINOUS SHOULDER, 8"
- ④ EXISTING PIPE UNDERDRAIN
- ⑤ EXISTING CONCRETE BARRIER, 32"
- ⑥ PROPOSED POLY HMA BINDER COURSE, 2-1/4"
- ⑦ PROPOSED POLY HMA SURFACE COURSE, 2"
- ⑧ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑨ PROPOSED AGGREGATE (PRIME COAT)
- ⑩ PROPOSED PCC SURFACE REMOVAL, 1/2"
- ⑪ PROPOSED HOT-MIX ASPHALT SHOULDERS, 3-3/4"
- ⑫ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑬ PROPOSED PIPE UNDERDRAIN, 6"
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- ⑯ PROPOSED SHOULDER RUMBLE STRIP
- ⑰ PROPOSED CONCRETE BARRIER, 42"
- ⑱ PROPOSED HMA SHOULDER - 4' (MOW STRIP)

* NOTE: SEE SCHEDULES FOR EXACT LOCATION OF PIPE UNDERDRAINS, CONCRETE BARRIER, GUARDRAIL AND CABLE MEDIAN BARRIER

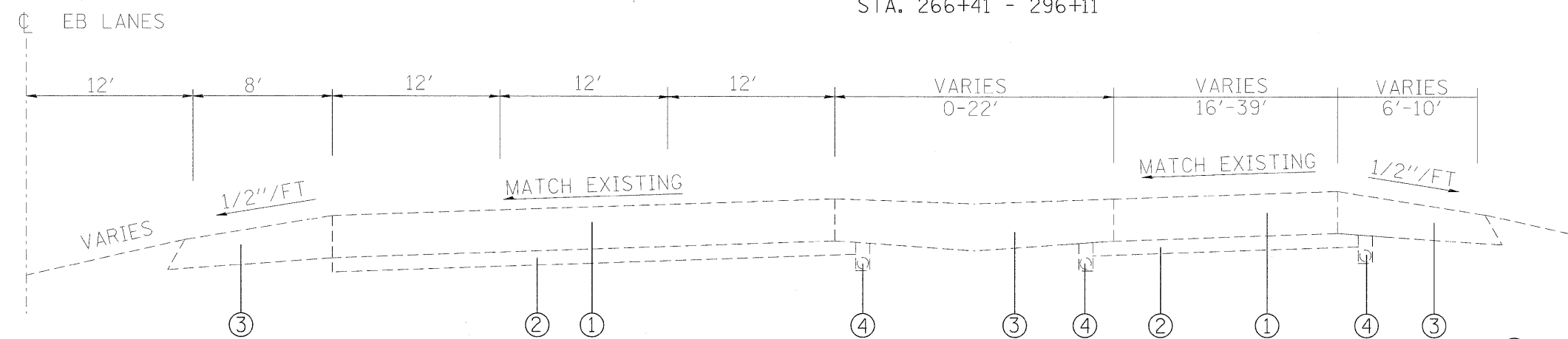


FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EASTBOUND EXISTING TYPICAL SECTIONS	F.A.I. RTE. 64	SECTION 82-(3,4)RS	COUNTY ST. CLAIR	TOTAL SHEETS 167	SHEET NO. 8
Plot Scale = 50.0000' / in.	Plot Date = 10/26/2011	DRAWN -	REVISOR -	SCALE: _____ SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____		CONTRACT NO. 76415				
						FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



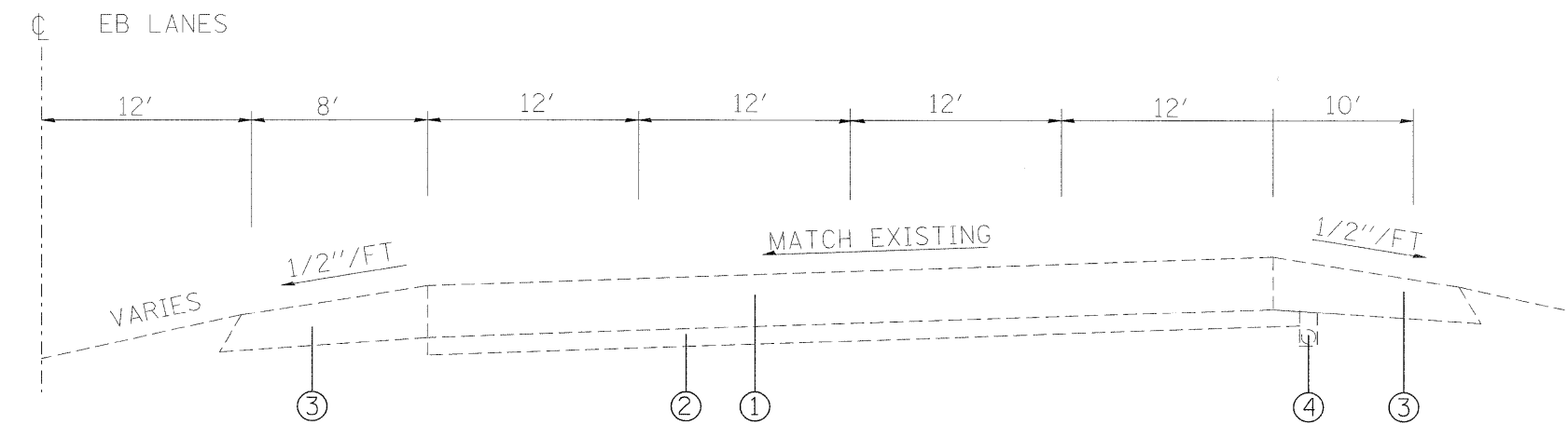
EXISTING TYPICAL SECTION

STA. 266+41 - 296+11



EXISTING TYPICAL SECTION

STA. 296+11 - 317+99.50
STA. 332+67 - 336+00



EXISTING TYPICAL SECTION

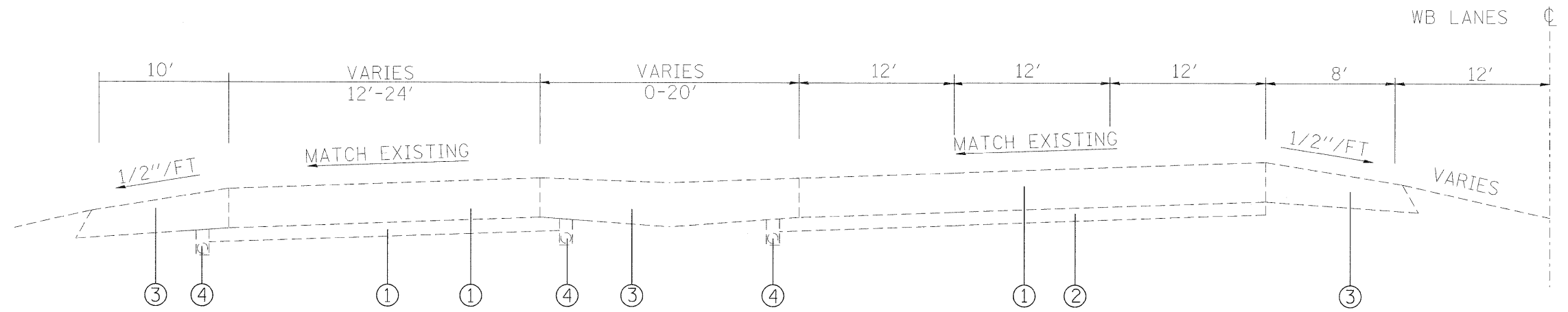
STA. 317+99.50 - 332+67

LEGEND

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- ⑱ PROPOSED HMA SHOULDER - 4' (MOW STRIP)

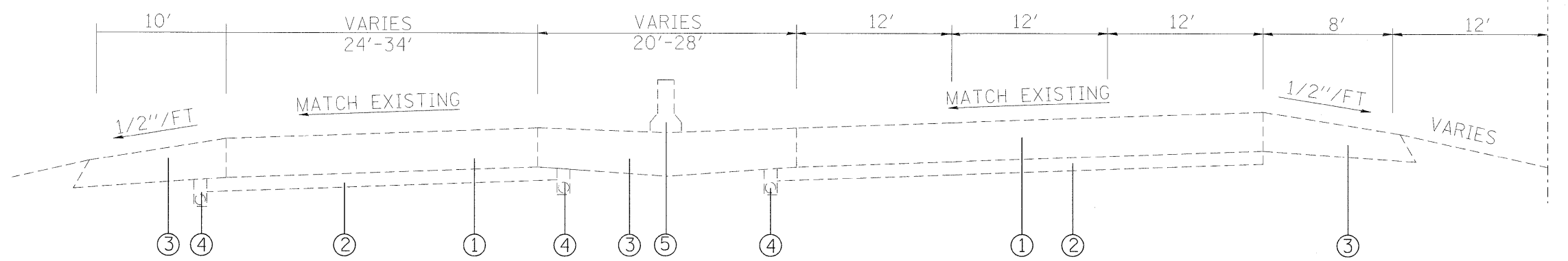
* NOTE: SEE SCHEDULES FOR EXACT LOCATION OF PIPE UNDERDRAINS, CONCRETE BARRIER, GUARDRAIL AND CABLE MEDIAN BARRIER

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EASTBOUND EXISTING TYPICAL SECTIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
76415-shr-plandgn	76415-shr-plandgn	DRAWN -	REVISED -				64	82-13,4RS	ST. CLAIR	167	9
PLOT SCALE = 50,0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76415						
PLOT DATE = 10/20/2011		DATE -	REVISED -		SCALE: _____	SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			



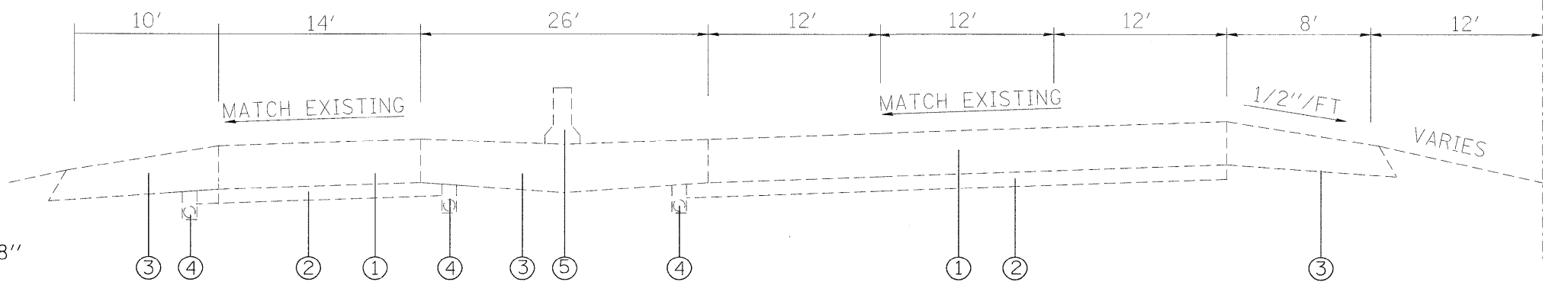
EXISTING TYPICAL SECTION

STA. 247+78.6 - 266+06
STA. 307+73 - 320+57



EXISTING TYPICAL SECTION

STA. 266+06 - 271+48
STA. 276+00 - 287+40



EXISTING TYPICAL SECTION

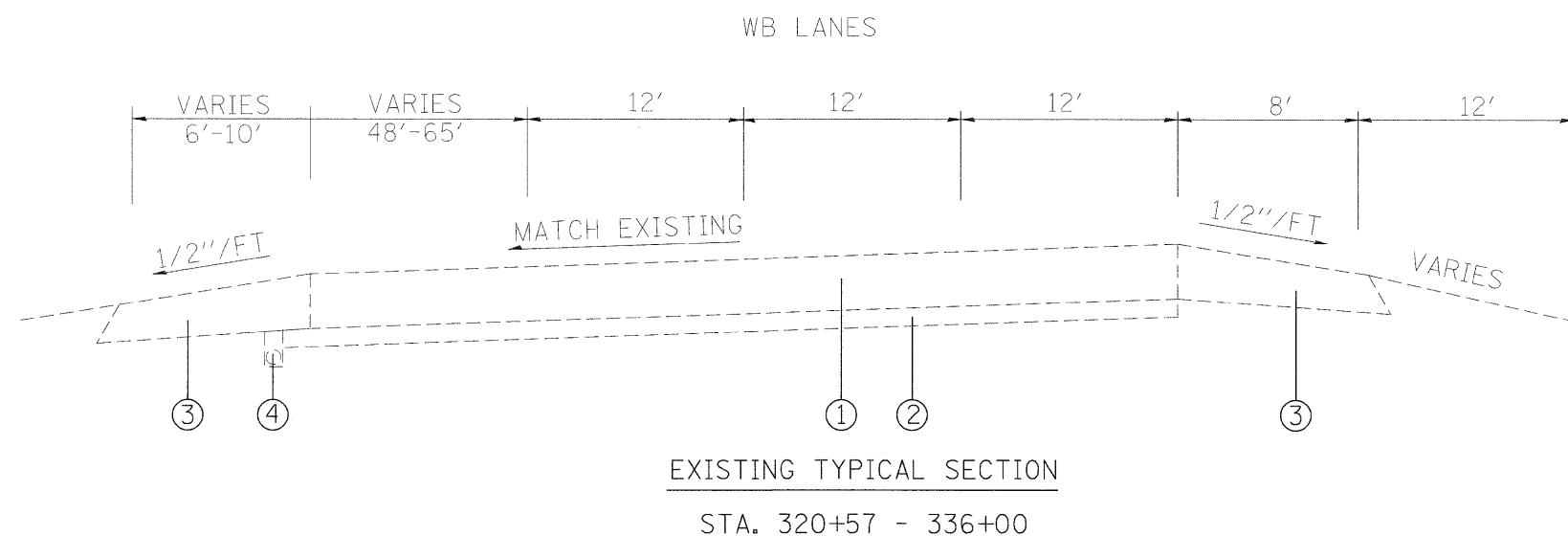
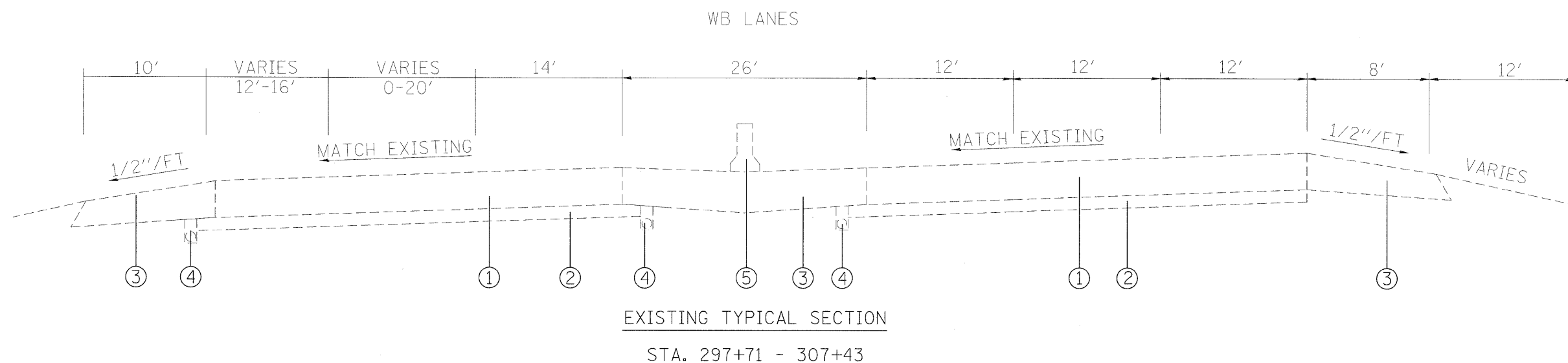
STA. 271+48 - 276+00
STA. 287+40 - 297+71

LEGEND

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- ⑱ PROPOSED HMA SHOULDER - 4' (MOW STRIP)

* NOTE: SEE SCHEDULES FOR EXACT LOCATION OF PIPE UNDERDRAINS, CONCRETE BARRIER, GUARDRAIL AND CABLE MEDIAN BARRIER

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WESTBOUND EXISTING TYPICAL SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
os:\pw\work\p\dot\burnsideem\d0109244\d076415-sh1-plan.dgn	76415-sh1-plan.dgn	DRAWN -	REVISED -			64	82-(3,4)RS	ST. CLAIR	167	10	
PLOT SCALE = 50.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 76415					
PLOT DATE = 10/20/2011		DATE -	REVISED -			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					



LEGEND

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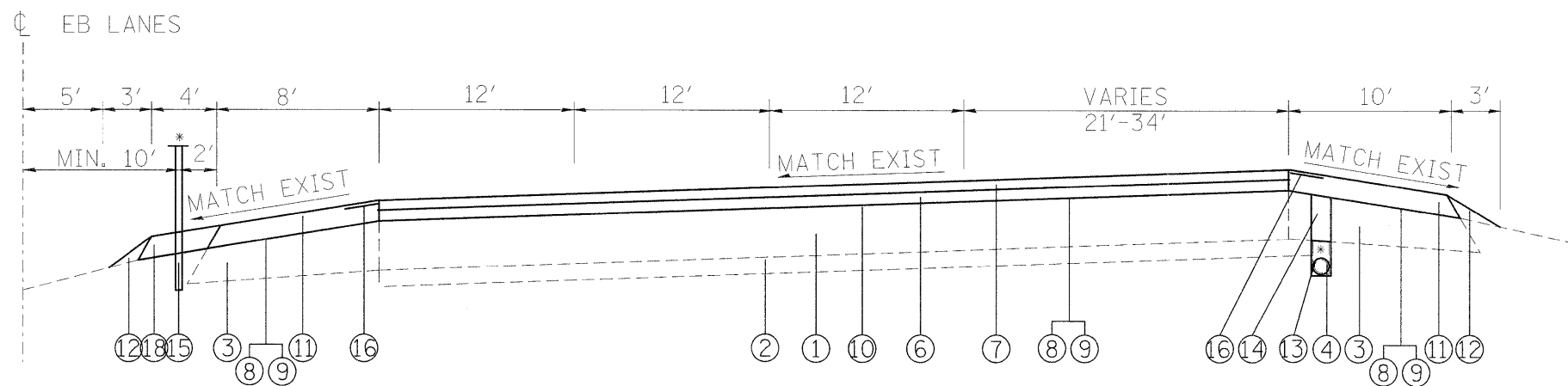
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FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WESTBOUND EXISTING TYPICAL SECTIONS	F.A.I. RTE. 64	SECTION 82-(3,4)RS	COUNTY ST. CLAIR	TOTAL SHEETS 167	SHEET NO. 11
et:\pw_work\p\d01\burnsideem\d0109244\d	76415-sh-t-plan.dgn	DRAWN -	REVISED -			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		CONTRACT NO. 76415		
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -		SCALE: _____	SHEET NO. 1 OF 1 SHEETS		STA. _____ TO STA. _____		
	PLOT DATE = 10/20/2011	DATE -	REVISED -							

LEGEND

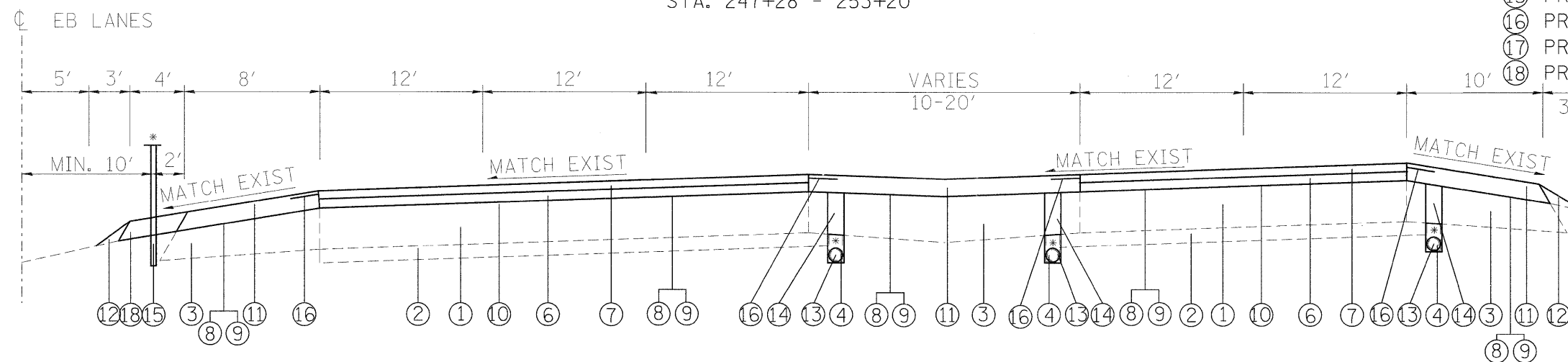
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* NOTE: SEE SCHEDULES FOR EXACT LOCATION OF PIPE UNDERDRAINS, CONCRETE BARRIER, GUARDRAIL AND CABLE MEDIAN BARRIER



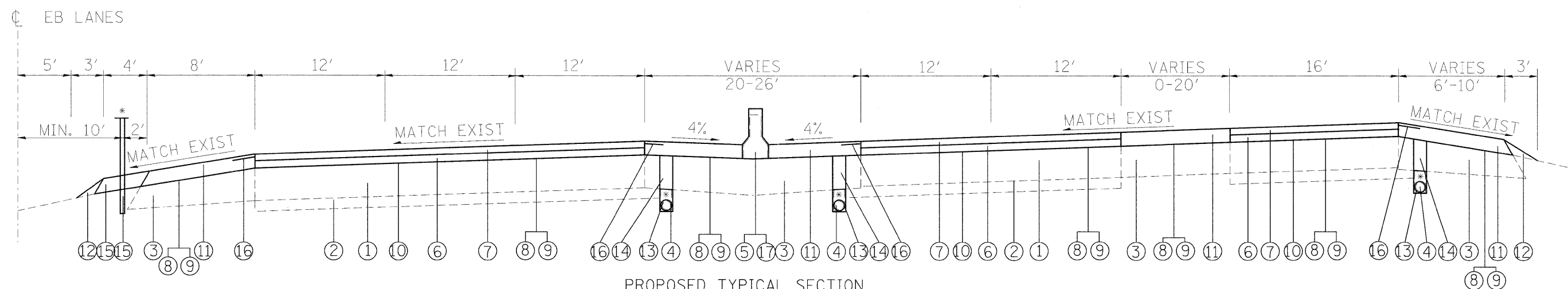
PROPOSED TYPICAL SECTION

STA. 247+28 - 253+20



PROPOSED TYPICAL SECTION

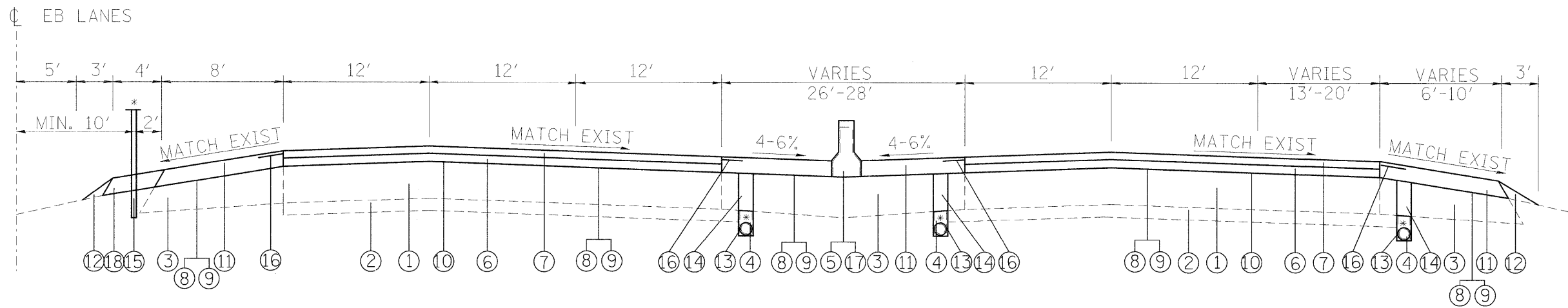
STA. 253+20 - 259+41.91



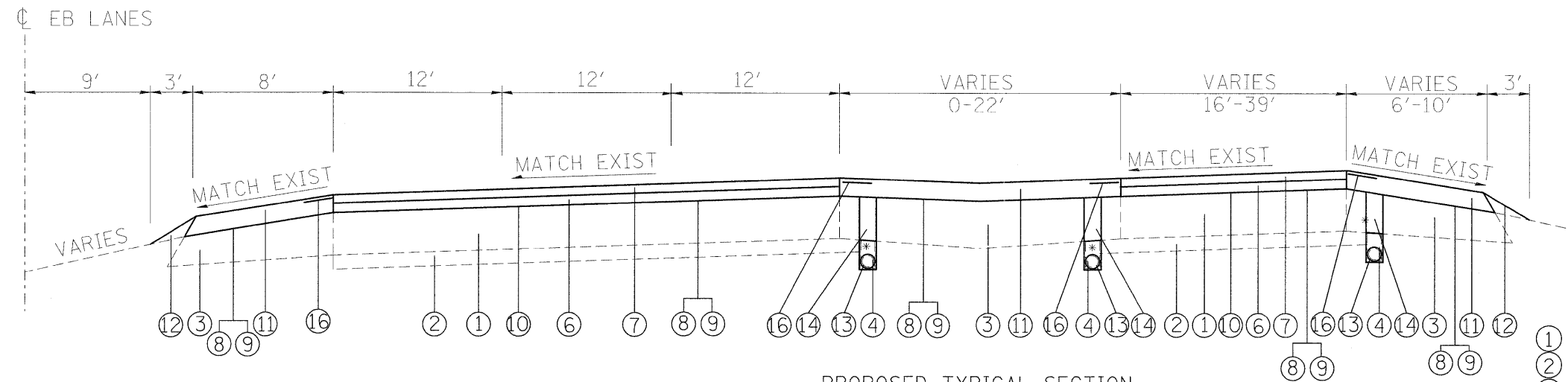
PROPOSED TYPICAL SECTION

STA. 259+41.91 - 266+41

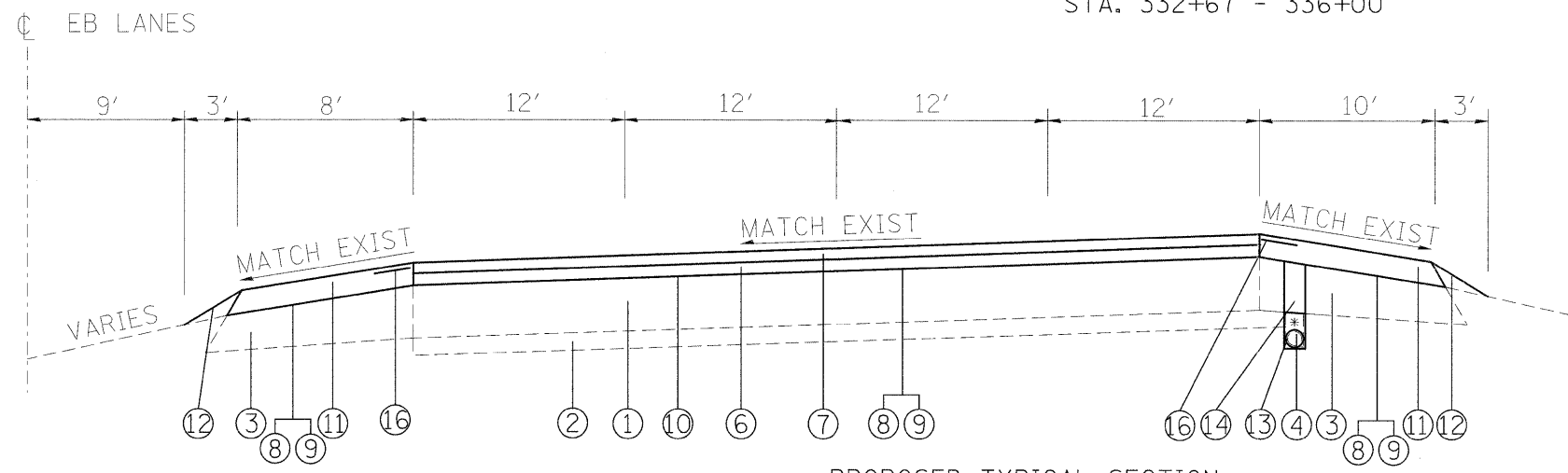
FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EASTBOUND PROPOSED TYPICAL SECTIONS	F.A.I. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =		
64	82-(3,4)RS	ST. CLAIR	167			12						
SCALE: _____ SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____						FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT						
CONTRACT NO. 76415												



PROPOSED TYPICAL SECTION
STA. 266+41 - 296+11



PROPOSED TYPICAL SECTION
STA. 296+11 - 317+99.50
STA. 332+67 - 336+00



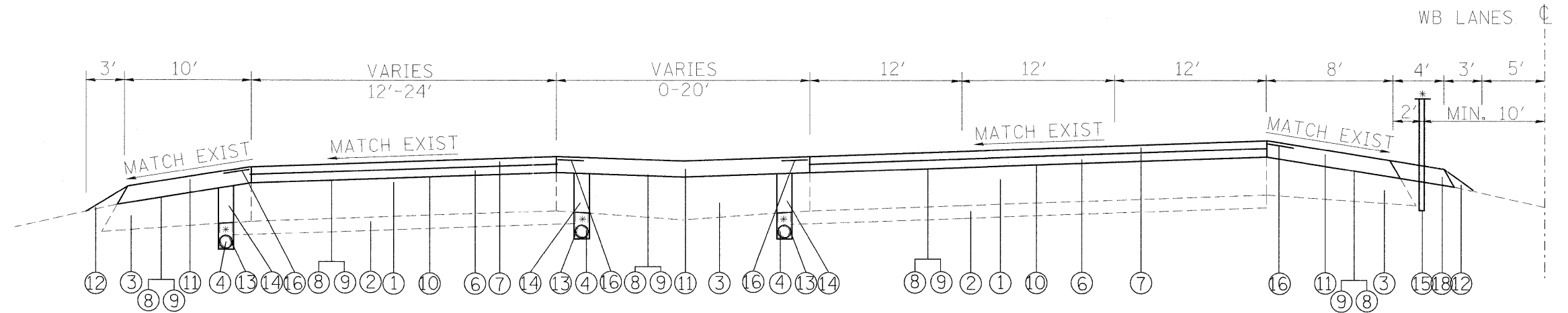
PROPOSED TYPICAL SECTION
STA. 317+99.50 - 332+67

LEGEND

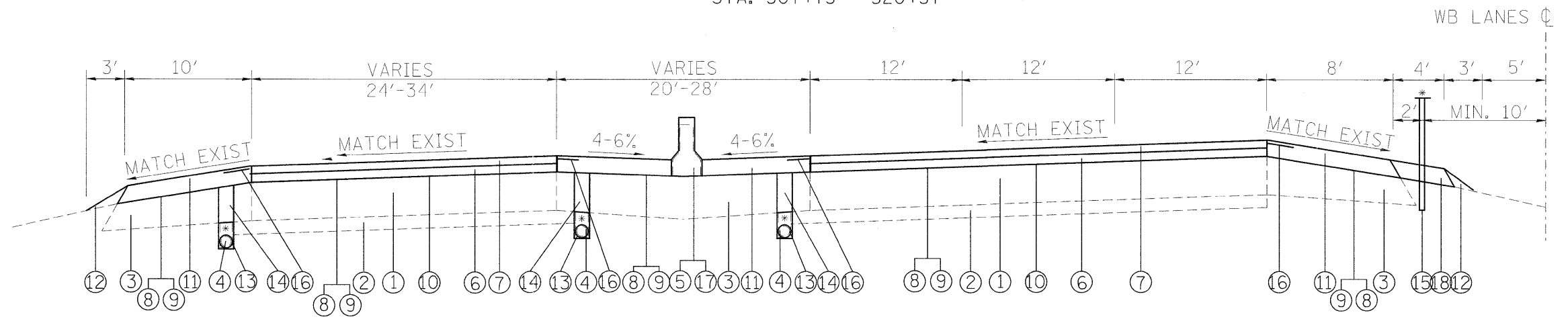
- ① EXISTING CRPCC PAVEMENT, 8"
- ② EXISTING STABILIZED SUB-BASE, 4"
- ③ EXISTING BITUMINOUS SHOULDER, 8"
- ④ EXISTING PIPE UNDERDRAIN
- ⑤ EXISTING CONCRETE BARRIER, 32"
- ⑥ PROPOSED POLY HMA BINDER COURSE, 2-1/4"
- ⑦ PROPOSED POLY HMA SURFACE COURSE, 2"
- ⑧ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑨ PROPOSED AGGREGATE (PRIME COAT)
- ⑩ PROPOSED PCC SURFACE REMOVAL, 1/2"
- ⑪ PROPOSED HOT-MIX ASPHALT SHOULDERS, 3-3/4"
- ⑫ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑬ PROPOSED PIPE UNDERDRAIN, 6"
- ⑭ PROPOSED SHOULDER REMOVAL AND REPLACEMENT, 8"
- ⑮ PROPOSED HIGH TENSION CABLE MEDIAN BARRIER
- ⑯ PROPOSED SHOULDER RUMBLE STRIP
- ⑰ PROPOSED CONCRETE BARRIER, 42"
- ⑱ PROPOSED HMA SHOULDER - 4' (MOW STRIP)

* NOTE: SEE SCHEDULES FOR EXACT LOCATION OF PIPE UNDERDRAINS, CONCRETE BARRIER, GUARDRAIL AND CABLE MEDIAN BARRIER

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EASTBOUND PROPOSED TYPICAL SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
76415-shr-plan.dgn	76415-shr-plan.dgn	DRAWN -	REVISED -			64	82-(3,4)RS	ST. CLAIR	167	13	
PLOT SCALE = 50.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 76415					
PLOT DATE = 10/28/2011		DATE -	REVISED -			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					



PROPOSED TYPICAL SECTION
 STA. 247+78.6 - 266+06
 STA. 307+73 - 320+57

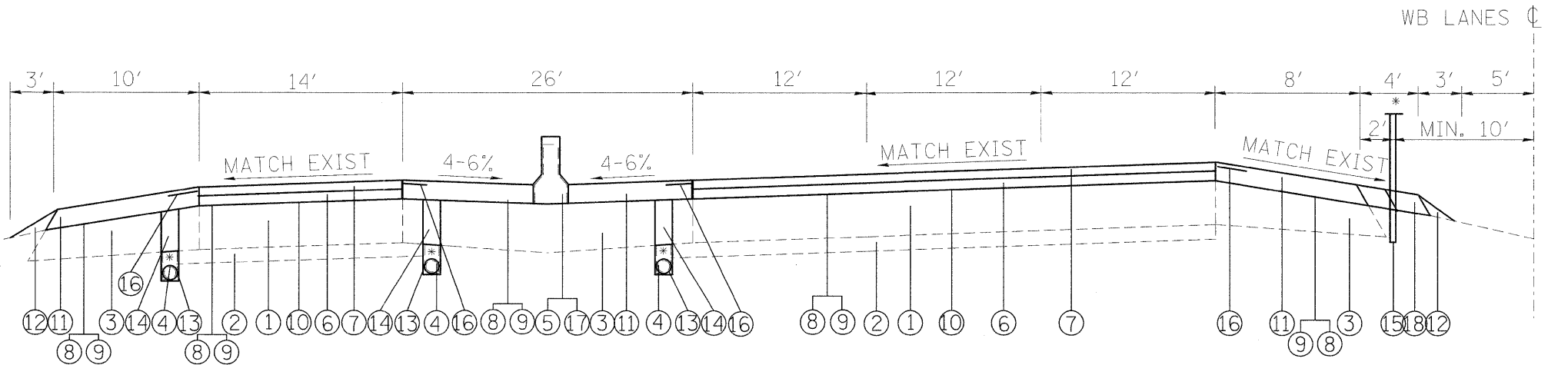


PROPOSED TYPICAL SECTION
 STA. 266+06 - 271+48
 STA. 276+00 - 287+40

LEGEND

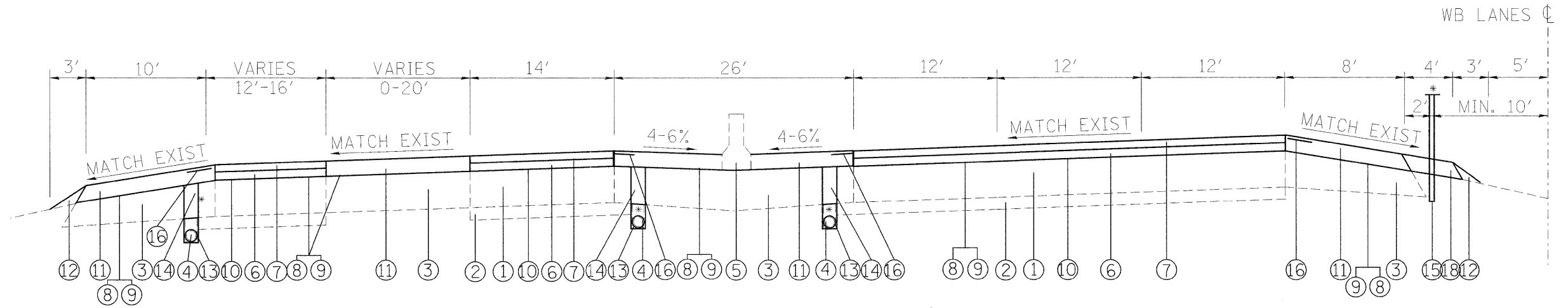
- ① EXISTING CRPCC PAVEMENT, 8"
- ② EXISTING STABILIZED SUB-BASE, 4"
- ③ EXISTING BITUMINOUS SHOULDER, 8"
- ④ EXISTING PIPE UNDERDRAIN
- ⑤ EXISTING CONCRETE BARRIER, 32"
- ⑥ PROPOSED POLY HMA BINDER COURSE, 2-1/4"
- ⑦ PROPOSED POLY HMA SURFACE COURSE, 2"
- ⑧ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑨ PROPOSED AGGREGATE (PRIME COAT)
- ⑩ PROPOSED PCC SURFACE REMOVAL, 1/2"
- ⑪ PROPOSED HOT-MIX ASPHALT SHOULDERS, 3-3/4"
- ⑫ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑬ PROPOSED PIPE UNDERDRAIN, 6"
- ⑭ PROPOSED SHOULDER REMOVAL AND REPLACEMENT, 8"
- ⑮ PROPOSED HIGH TENSION CABLE MEDIAN BARRIER
- ⑯ PROPOSED SHOULDER RUMBLE STRIP
- ⑰ PROPOSED CONCRETE BARRIER, 42"
- ⑱ PROPOSED HMA SHOULDER - 4' (MOW STRIP)

* NOTE: SEE SCHEDULES FOR EXACT LOCATION OF PIPE UNDERDRAINS, CONCRETE BARRIER, GUARDRAIL AND CABLE MEDIAN BARRIER



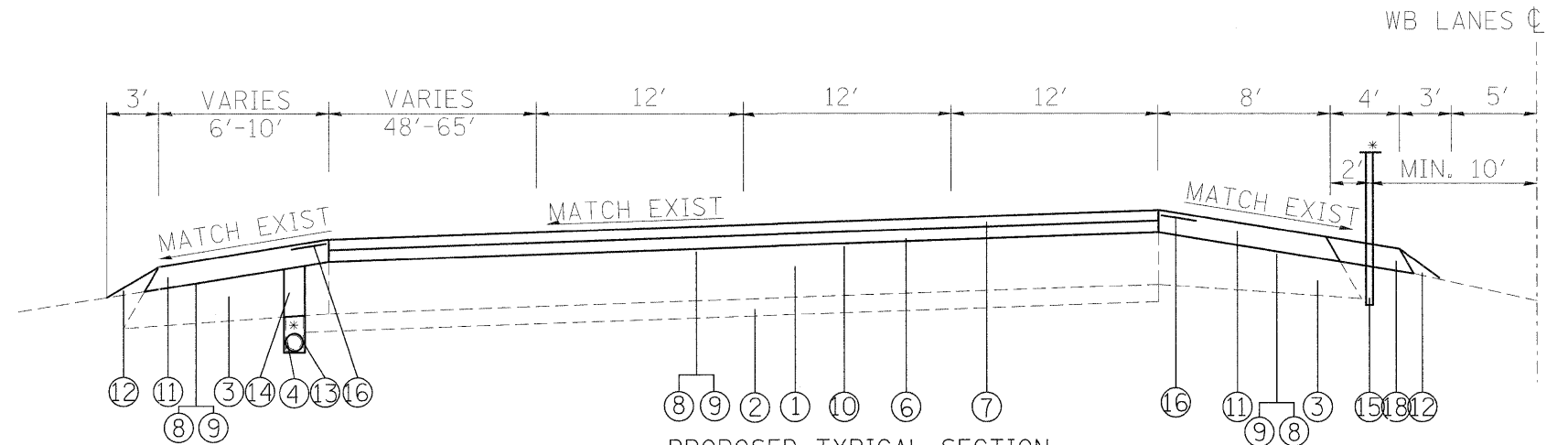
PROPOSED TYPICAL SECTION
 STA. 271+48 - 276+00
 STA. 287+40 - 297+71

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WESTBOUND PROPOSED TYPICAL SECTIONS	F.A.I. RTE. 64	SECTION 82-(3,4)RS	COUNTY ST. CLAIR	TOTAL SHEETS 167	SHEET NO. 14	
ct:\pw_work\pwidot\burnsideem\d0109244\d	76415-shr-plan.dgn	DRAWN -	REVISED -			SCALE: _____	SHEET NO. 1 OF 1 SHEETS	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		CONTRACT NO. 76415	
	PLOT SCALE = 50,0000' / in.	CHECKED -	REVISED -			STA. _____ TO STA. _____					
	PLOT DATE = 10/28/2011	DATE -	REVISED -								



PROPOSED TYPICAL SECTION

STA. 297+71 - 307+43



PROPOSED TYPICAL SECTION

STA. 320+57 - 336+00

LEGEND

- ① EXISTING CRPCC PAVEMENT, 8"
- ② EXISTING STABILIZED SUB-BASE, 4"
- ③ EXISTING BITUMINOUS SHOULDER, 8"
- ④ EXISTING PIPE UNDERDRAIN
- ⑤ EXISTING CONCRETE BARRIER, 32"
- ⑥ PROPOSED POLY HMA BINDER COURSE, 2-1/4"
- ⑦ PROPOSED POLY HMA SURFACE COURSE, 2"
- ⑧ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑨ PROPOSED AGGREGATE (PRIME COAT)
- ⑩ PROPOSED PCC SURFACE REMOVAL, 1/2"
- ⑪ PROPOSED HOT-MIX ASPHALT SHOULDERS, 3-3/4"
- ⑫ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑬ PROPOSED PIPE UNDERDRAIN, 6"
- ⑭ PROPOSED SHOULDER REMOVAL AND REPLACEMENT, 8"
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- ⑰ PROPOSED CONCRETE BARRIER, 42"
- ⑱ PROPOSED HMA SHOULDER - 4' (MOW STRIP)

* NOTE: SEE SCHEDULES FOR EXACT LOCATION OF PIPE UNDERDRAINS, CONCRETE BARRIER, GUARDRAIL AND CABLE MEDIAN BARRIER

FILE NAME = et\pw_work\p\dot\burns\deem\d0109244\d	USER NAME = burnsdem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WESTBOUND PROPOSED TYPICAL SECTIONS	F.A.I. RTE. = 64	SECTION = 82-(3,4)RS	COUNTY = ST. CLAIR	TOTAL SHEETS = 167	SHEET NO. = 15		
PLOT SCALE = 50,0000 1/1 in.	PLOT DATE = 10/28/2011	DRAWN -	REVISED -			SCALE: _____	SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 76415			
		CHECKED -	REVISED -			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT						
		DATE -	REVISED -									

DELINEATORS						
LOCATION			LT/RT	DELINEATORS SINGLE	DELINEATORS DOUBLE	DELINEATOR REMOVAL
STA.	TO	STA.		(EACH)	(EACH)	(EACH)
I-64 EASTBOUND						
243+50	TO	245+31	RT	2		2
318+00	TO	332+67	RT	15		15
I-64 EB COLLECTOR						
245+31	TO	248+08	RT		6	6
248+08	TO	259+42	RT	11		11
265+91	TO	274+83	RT	9		9
286+08	TO	292+35	RT	6		6
293+40	TO	302+90	RT		20	20
302+90	TO	311+76	RT	9		9
311+76	TO	318+00	RT		12	12
RAMP C						
0+00	TO	2+85	RT		6	6
2+85	TO	7+71	RT	5		5
RAMP D & G						
11+65	TO	13+55	RT	4		4
274+83	TO	284+87		10		10
+53	TO	2+71		4		4
RAMP H						
26+18	TO	27+24	RT	2		2
IL 157 EB EXIT RAMP						
0+00	TO	4+32	RT	4		4
I-64 WESTBOUND						
243+50	TO	247+77	LT	4		4
317+74	TO	322+57	LT		10	10
322+57	TO	335+65	LT	13		13
I-64 WB COLLECTOR						
247+64	TO	256+00	LT		18	18
256+00	TO	270+17	LT	14		14
271+48	TO	278+24	LT	7		7
287+40	TO	297+71	LT	10		10
304+73	TO	307+73	LT		6	6
304+73	TO	317+74	LT	13		13
RAMP A						
18+15	TO	19+26	LT	2		2
RAMP B & F						
2+73	TO	+55	LT	5		5
279+47	TO	286+42		7		7
11+28	TO	9+35		4		4
RAMP E						
3+00	TO	304+73	LT	8		8
IL 157 WB ENT. RAMP						
335+65	TO	337+00	LT	2		2
SUBTOTAL:				170	77	248
TOTAL:					248	248

DRAINAGE							
LOCATION	INLET, TYPE A, TYPE 20 F & G	INLET, TYPE B, TYPE 20 F & G	DRAINAGE STRUCTURE, TYPE 1 (SPECIAL)	STORM SEWER, CLASS A, TYPE 1, 12'	STORM SEWER, CLASS A, TYPE 2, 24'	STORM SEWER REMOVAL, 24"	CONCRETE COLLARS
	(EACH)	(EACH)	(EACH)	(FOOT)	(FOOT)	(FOOT)	(CU YD)
I-64 EB - RT							
261+31	1		1	8			0.22
263+75	1		1	8			0.22
264+28	1		1	8			0.2
264+66	1		1	8			0.2
266+00	1		1	8			0.2
268+05	1		1	8			0.2
270+05	1		1	8			0.2
271+05	1		1	8			0.2
272+00	1		1	8			0.2
273+00		1	1		11	14	0.7
274+00	1		1	8			0.2
275+00	1		1	8			0.2
275+97	1		1	8			0.2
284+97	1		1	8			0.2
286+03	1		1	8			0.2
287+09	1		1	8			0.2
287+97	1		1	8			0.2
289+00	1		1	8			0.2
290+00	1		1	8			0.2
291+00	1		1	8			0.2
292+00		1	1		11	14	0.7
293+00	1		1	8			0.2
294+00	1		1	8			0.2
295+00	1		1	8			0.2
296+00	1		1	8			0.2
I-64 WB - LT							
268+64	1		1	8			0.2
270+03	1		1	8			0.2
271+22	1		1	8			0.2
272+40	1		1	8			0.2
273+59	1		1	8			0.2
274+75	1		1	8			0.2
275+94	1		1	8			0.2
277+06	1		1	8			0.2
278+28	1		1	8			0.2
287+00	1		1	8			0.2
288+27	1		1	8			0.2
289+50	1		1	8			0.2
290+75	1		1	8			0.2
292+00	1		1	8			0.2
293+28	1		1	8			0.2
294+50	1		1	8			0.2
295+75	1		1	8			0.2
297+00	1		1	8			0.2
298+25	1		1	8			0.2
299+50	1		1	8			0.2
300+75	1		1	8			0.2
302+00	1		1	8			0.2
TOTAL:	45	2	47	360	22	28	11

INLETS TO BE ADJUSTED			
LOCATION	INLETS TO BE ADJUSTED	LOCATION	INLETS TO BE ADJUSTED
I-64 EB - RT	(EACH)	I-64 WB - LT	(EACH)
255+00	1	267+14	1
256+58	1	268+64	1
257+26	1	270+03	1
261+31	1	271+22	1
263+75	1	272+40	1
264+28	1	273+59	1
264+66	1	274+75	1
266+00	1	275+94	1
268+05	1	277+06	1
270+05	1	278+28	1
271+05	1	279+50	2
272+00	1	280+60	2
273+00	1	282+13	2
274+00	1	283+57	2
275+00	1	284+45	2
275+97	1	285+80	2
277+00	2	287+00	1
278+00	2	288+27	1
279+00	2	289+50	1
280+00	2	290+75	1
281+60	1	292+00	1
283+09	2	293+28	1
284+12	2	294+50	1
284+97	1	295+75	1
286+03	1	297+00	1
287+09	1	298+25	1
287+97	1	299+50	1
289+00	1	300+75	1
290+00	1	302+00	1
291+00	1	303+25	1
292+00	1	304+50	1
293+00	1	305+75	1
294+00	1	306+00	1
295+00	1	307+80	1
296+00	1	309+55	1
296+96	1	310+75	1
298+00	1	312+00	1
299+00	1		
299+75	1		
300+00	1		
301+25	1		
302+40	1		
303+54	1		
304+80	1		
305+95	1		
307+13	1		
308+37	1		
SUB TOTAL:	53	SUB TOTAL:	43
TOTAL:		TOTAL:	96

PIPE UNDERDRAINS, 6" (SPECIAL)

LOCATION	PIPE UNDERDRAINS, 6" (SPECIAL)	CONCRETE HEADWALL	CONCRETE HEADWALL REMOVAL	SHOULDER REMOVAL & REPLACEMENT	CONCRETE COLLARS	LOCATION	PIPE UNDERDRAINS, 6" (SPECIAL)	CONCRETE HEADWALL	CONCRETE HEADWALL REMOVAL	SHOULDER REMOVAL & REPLACEMENT	CONCRETE COLLARS
	(FOOT)	(EACH)	(EACH)	(FOOT)	(CU YD)		(FOOT)	(EACH)	(EACH)	(FOOT)	(CU YD)
I-64 EB - RT						RAMP C - RT					
257+26	6			6	0.15	5+42	12	1	1	10	
261+31	8			17	0.15	RAMP D - RT					
264+28	8			8	0.15	13+00	32	1	1	6	
271+05	8			9	0.15	RAMP G - RT					
275+97	9			9	0.15	1+40	18	1	1	6	
280+00	8			7	0.15	I-64 WB - LT					
284+97	8			7	0.15	270+03	8			17	0.15
290+00	8			7	0.15	274+75	8			17	0.15
295+00	8			7	0.15	279+50	7			7	0.15
300+08	9			11	0.15	289+50	8			8	0.15
303+54	6			6	0.15	299+50	8			8	0.15
308+37	2			2	0.15	304+50	11			11	0.15
320+00	16	1	1	10		311+95	7			7	0.15
324+00	16	1	1	10		327+00	20	1	1	10	
328+00	16	1	1	10		332+00	18	1	1	10	
332+00	16	1	1	10		336+00	18	1	1	10	
336+00	20	1	1	10		I-64 WB CD - RT					
I-64 EB CD - RT						267+15	15			12	0.15
252+00	16	1	1	10		274+75	8			8	0.15
255+04					0.15	284+42	2			2	0.15
259+42	16	1	1	10		289+50	6			6	0.15
271+15	118	1	1	10	0.15	299+50	9			10	0.15
289+00	54	1	1	10		304+50	8			8	0.15
303+00	25	1	1	10		311+95	4			4	0.15
310+00					0.15	I-64 WB CD - LT					
315+00	16	1	1	10		253+00	16	1	1	10	
I-64 EB CD - LT						256+00	40	1	1	10	
257+26	9			9	0.15	261+00	15	1	1	10	
261+31	8			8	0.15	264+24	16	1	1	10	
264+28	8			8	0.15	274+88					0.3
271+05	8			8	0.15	292+00	44	1	1	10	
275+97	8			8	0.15	295+00	25	1	1	10	
280+00	8			8	0.15	RAMP A					
284+97	8			8	0.15	18+25					
290+00	8			8	0.15	RAMP E					
295+00	7			8	0.15	304+00	20	1	1	10	
300+08	7			7	0.15	312+00	35	1	1	10	
303+54	6			5	0.15	317+00	28	1	1	10	
308+37	2			2	0.15	322+00	30	1	1	10	
SUBTOTAL:	504	11	11	293	4	SUBTOTAL:	496	16	16	277	2
TOTAL:	1000	27	27	570	6						

PIPE UNDERDRAINS, 6"

LOCATION	RT/LT	PIPE UNDERDRAINS, 6"	SHOULDER REMOVAL & REPLACEMENT
		(FOOT)	(FOOT)
I-64 EASTBOUND			
253+20 TO 264+28	RT	1108	1108
266+02 TO 308+37	RT	4235	4235
308+37 TO 336+00	RT	2763	2763
I-64 EB CD			
247+23 TO 259+42	RT	1219	1219
253+20 TO 264+28	LT	1108	1108
266+02 TO 308+37	LT	4235	4235
266+05 TO 274+83	RT	878	878
285+76 TO 293+40	RT	764	764
293+40 TO 308+37	RT	1497	1497
RAMP C			
0+00 TO 5+43	RT	545	545
RAMP D & G			
12+65 TO 13+22	LT	57	57
12+65 TO 1+71	RT	1210	1210
1+45 TO 1+71	LT	26	26
RAMP H			
26+19 TO 27+23	LT	104	104
26+19 TO 27+23	RT	104	104
I-64 WESTBOUND			
265+78 TO 311+95	LT	4617	4617
322+57 TO 336+00	LT	1343	1343
I-64 WB CD			
247+97 TO 264+24	LT	1627	1627
265+75 TO 312+00	RT	4625	4625
265+70 TO 270+17	LT	447	447
270+17 TO 278+53	LT	836	836
286+42 TO 299+73	LT	1331	1331
299+73 TO 322+57	LT	2284	2284
RAMP A			
18+15 TO 19+26	LT	111	111
18+15 TO 19+26	RT	111	111
RAMP B & F			
1+45 TO 1+72	LT	909	909
1+72 TO 10+35	LT	909	909
10+35 TO 11+35			
RAMP E			
299+73 TO 2+01	LT	228	228
299+73 TO 2+01	RT	228	228
TOTAL:		39459	39459

CONCRETE BARRIER DRAINAGE OPENINGS TO BE CLEANED AND FILLED

LOCATION	CLEANING DRAINAGE SYSTEM	CLASS SI CONCRETE (MISC)
STA TO STA	(L SUM)	(CU YD)
I-64 EASTBOUND - RT		
284+74.50 TO 296+11.26	114 OPENINGS	8
I-64 WESTBOUND - LT		
286+40.25 TO 302+52.62	161 OPENINGS	11
TOTAL:	1	19

CONCRETE BARRIER										
LOCATION				CONCRETE BARRIER DOUBLE FACE, 42" HEIGHT	CONCRETE BARRIER SINGLE FACE, 42" HEIGHT	CONCRETE BARRIER DOUBLE FACE, 32" HEIGHT	CONCRETE BARRIER TRANSITION	PROTECTIVE COAT	POROUS GRANDULAR EMBANKMENT	CONCRETE MEDIAN SURFACE 4"
STA	TO	STA	RT/LT	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ YD)	(CU YD)	(SQ FT)
I-64 EASTBOUND										
259+23.83	TO	261+46.00	RT	222				173		
261+46.00	TO	263+26.00	RT		360			280	70	180
263+26.00	TO	276+94.75	RT	1369				1065		
284+92.00	TO	285+02.00	RT			10		6		
285+98.00	TO	286+08.00	RT			10		6		
287+04.00	TO	287+14.00	RT			10		6		
287+92.00	TO	288+02.00	RT			10		6		
288+95.00	TO	289+05.00	RT			10		6		
289+95.00	TO	290+05.00	RT			10		6		
290+95.00	TO	291+05.00	RT			10		6		
291+95.00	TO	292+05.00	RT			10		6		
292+95.00	TO	293+05.00	RT			10		6		
293+95.00	TO	294+05.00	RT			10		6		
294+95.00	TO	295+05.00	RT			10		6		
295+95.00	TO	296+05.00	RT			10		6		
I-64 WESTBOUND										
266+05.95	TO	278+97.25	LT	1291				1004		
278+97.25	TO	279+07.25	LT				10	10		
279+07.25	TO	280+71.00	LT		328			260	193	495
286+95.00	TO	287+05.00	LT			10		6		
288+22.00	TO	288+32.00	LT			10		6		
289+45.00	TO	289+55.00	LT			10		6		
290+70.00	TO	290+80.00	LT			10		6		
291+95.00	TO	292+05.00	LT			10		6		
293+23.00	TO	293+33.00	LT			10		6		
294+45.00	TO	294+55.00	LT			10		6		
295+70.00	TO	295+80.00	LT			10		6		
296+95.00	TO	297+05.00	LT			10		6		
298+20.00	TO	298+30.00	LT			10		6		
299+45.00	TO	299+55.00	LT			10		6		
900+70.00	TO	900+80.00	LT			10		6		
301+95.00	TO	302+05.00	LT			10		6		
TOTAL:				2882	688	250	10	2940	263	675

NOTE: EASTBOUND STA. 276+84.75 TO STA. 276+94.75 AND WESTBOUND STA. 280+61 TO STA. 280+71 WILL TRANSITION FROM 42" HEIGHT TO THE EXISTING 32" HEIGHT CONCRETE BARRIER

CONCRETE BARRIER REMOVAL					
LOCATION			CONCRETE BARRIER REMOVAL	CONCRET MEDIAN SURFACE REMOVAL	CONCRETE REMOVAL
STA	TO	STA	(FOOT)	(SQ FT)	(CU YD)
I-64 EASTBOUND - RT					
259+23.83	TO	261+46.00	222		
261+46.00	TO	262+30.50	169	90	
262+30.50	TO	262+44.00			2
262+44.00	TO	263+26.00	164	90	
263+26.00	TO	276+94.75	1369		
284+92.00	TO	285+02.00	10		
285+98.00	TO	286+08.00	10		
287+04.00	TO	287+14.00	10		
287+92.00	TO	288+02.00	10		
288+95.00	TO	289+05.00	10		
289+95.00	TO	290+05.00	10		
290+95.00	TO	291+05.00	10		
291+95.00	TO	292+05.00	10		
292+95.00	TO	293+05.00	10		
293+95.00	TO	294+05.00	10		
294+95.00	TO	295+05.00	10		
295+95.00	TO	296+05.00	10		
I-64 WESTBOUND - LT					
266+05.95	TO	278+97.25	1291		
278+97.25	TO	279+07.25	10	41	
279+07.25	TO	280+71.00	328	670	
286+95.00	TO	287+05.00	10		
288+22.00	TO	288+32.00	10		
289+45.00	TO	289+55.00	10		
290+70.00	TO	290+80.00	10		
291+95.00	TO	292+05.00	10		
293+23.00	TO	293+33.00	10		
294+45.00	TO	294+55.00	10		
295+70.00	TO	295+80.00	10		
296+95.00	TO	297+05.00	10		
298+20.00	TO	298+30.00	10		
299+45.00	TO	299+55.00	10		
300+70.00	TO	300+80.00	10		
301+95.00	TO	302+05.00	10		
TOTAL:			3803	891	2

GUARDRAIL											
LOCATION			RT/LT	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	STEEL PLATE BEAM GUARDRAIL, TYPE D, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)FLARED	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKERS DIR. APPLIED
STA	TO	STA		(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
I-64 EASTBOUND											
247+44.50	TO	248+18.25	LT	12.5		1	1				
253+23.75	TO	264+82.50	RT	1062.5			1		1	14	1
260+55.25	TO	264+64.00	LT	312.5			1			5	1
275+68.00	TO	278+33.00	RT	200		1		1		3	1
314+05.00	TO	316+32.50	RT	162.5		1		1		2	1
314+35.00	TO	318+00.00	LT	300		1		1		4	1
329+85.00	TO	333+00.00	RT	250		1		1		3	1
I-64 WESTBOUND											
247+64.40	TO	251+60.65	RT		300			1		4	1
247+93.00	TO	252+26.75	LT	337.5			1		1	5	1
256+70.00	TO	264+35.00	LT	700		1	1			8	
260+99.75	TO	264+61.00	RT	300		1	1			4	
265+60.60	TO	268+94.35	LT	237.5			1		1	4	1
265+73.00	TO	269+81.75	RT	312.5			1	1		5	1
284+75.00	TO	286+90.00	LT	200		1			1	2	1
318+00.00	TO	320+52.50	RT		187.5	1		1		3	1
TOTAL:				4387.5	487.5	9	9	7	5	66	12

RAISED REFLECTOR PAVEMENT MARKERS					
LOCATION			RAISED REFLECTOR PAVEMENT MARKER ONE WAY CRYSTAL	RAISED REFLECTOR PAVEMENT MARKER ONE WAY CRYSTAL (BRIDGE)	RAISED REFLECTOR PAVEMENT MARKER REMOVAL
STA	TO	STA	(EACH)	(EACH)	(EACH)
I-64 EASTBOUND					
243+50	TO	244+70	4		4
244+70	TO	247+26		12	12
247+26	TO	264+73	88		88
264+73	TO	265+83		4	4
265+83	TO	337+00	357		357
I-64 EB CD					
243+50	TO	244+70	6		6
244+70	TO	247+26		13	13
247+26	TO	262+20	75		75
248+08	TO	264+76	49		49
264+76	TO	265+85		7	7
265+85	TO	311+76	124		124
RAMP C					
0+00	TO	5+54	35		35
5+54	TO	6+71		9	9
6+71	TO	7+71	6		6
RAMP G					
0+00	TO	2+71	19		19
IL 157 EXIT RAMP					
0+00	TO	4+32	31		31
I-64 WESTBOUND					
243+50	TO	245+32	4		4
245+32	TO	247+77		12	12
247+77	TO	264+53	84		84
264+53	TO	265+67		4	4
265+67	TO	337+00	356		356
I-64 WB CD					
256+00	TO	264+49	11		11
264+49	TO	265+64		2	2
265+64	TO	270+17	12		12
277+05	TO	279+47	5		5
297+21	TO	302+00	19		19
307+73	TO	317+74	26		26
31320	TO	322+57	47		47
RAMP B					
2+42	TO	0+00	13		13
RAMP E					
3+00	TO	0+00	14		14
299+46	TO	302+00	41		41
TOTAL:			1426	63	1488

SHOULDER RUMBLE STRIPS - 16"				
LOCATION			RT/LT	(FOOT)
FAI 64 - EASTBOUND				
243+50	TO	244+74	LT	124
243+50	TO	244+42	RT	92
247+30	TO	264+55	LT	1725
253+20	TO	264+58	RT	1138
265+86	TO	336+00	LT	7014
265+91	TO	308+90	RT	4299
308+90	TO	332+67	RT	2377
FAI-64 EB COLLECTOR				
247+18	TO	259+42	RT	1224
253+20	TO	264+67	LT	1147
265+94	TO	308+90	LT	4296
265+96	TO	274+83	RT	887
286+08	TO	292+35	RT	627
293+40	TO	308+90	RT	1550
I-64 WESTBOUND				
243+50	TO	245+12	RT	162
243+50	TO	245+37	RT	187
247+85	TO	264+50	RT	1665
265+83	TO	336+00	RT	7017
256+00	TO	264+45	LT	845
265+86	TO	313+70	LT	4784
313+70	TO	334+64	LT	2094
I-64 WB COLLECTOR				
248+00	TO	264+37	LT	1637
256+00	TO	264+41	RT	841
265+79	TO	313+70	RT	4791
265+75	TO	270+17	LT	442
270+17	TO	278+24	LT	807
286+42	TO	297+71	LT	1129
307+73	TO	313+70	LT	597
TOTAL:				51557

GUARDRAIL REMOVAL				
LOCATION			RT/LT	GUARDRAIL REMOVAL
STA	TO	STA		(FOOT)
I-64 EASTBOUND				
247+44.50	TO	248+40.00	LT	96
253+07.00	TO	264+82.40	RT	1175
261+30.00	TO	264+64.00	LT	334
276+11.00	TO	278+33.00	RT	222
314+86.00	TO	318+04.00	LT	318
315+48.00	TO	316+40.00	RT	92
330+83.50	TO	333+11.00	RT	228
I-64 WESTBOUND				
247+64.40	TO	251+11.10	RT	347
247+89.20	TO	251+96.00	LT	407
256+70.00	TO	260+82.50	LT	413
262+49.20	TO	264+61.00	RT	212
265+60.60	TO	268+74.50	LT	314
265+73.00	TO	269+07.30	RT	334
284+62.00	TO	286+42.00	LT	180
317+88.00	TO	320+46.00	RT	258
TOTAL:				4928

SURFACE REMOVAL BUTT- JOINT				
LOCATION			PCC SURFACE REMOVAL BUTT-JOINT	HMA SURFACE REMOVAL BUTT-JOINT
STA.	TO	STA.	(SQ YD)	(SQ YD)
I-64 EASTBOUND				
243+50	TO	244+71		887
247+26	TO	248+26		889
263+73	TO	264+73		1211
265+83	TO	266+83		1156
336+00	TO	337+00		856
I-64 WESTBOUND				
243+50	TO	245+32		1335
247+77	TO	248+97		893
263+53	TO	264+53		1111
265+67	TO	266+67		1156
303+75	TO	304+75	678	300
306+00	TO	307+00	656	322
336+00	TO	337+00		833
RAMP C				
4+55	TO	5+55	178	67
6+71	TO	7+71	178	67
RAMP D				
11+65	TO	12+65	178	111
RAMP G				
1+71	TO	2+71	178	111
RAMP H				
25+18	TO	26+18	178	111
IL 157 EXIT RAMP				
336+00	TO	337+00	178	111
RAMP A				
17+15	TO	18+15	178	111
RAMP B				
1+73	TO	2+73	178	111
RAMP F				
9+35	TO	10+35	178	111
RAMP E				
2+00	TO	3+00	178	111
IL 157 ENTRANCE RAMP				
336+00	TO	337+00	178	111
TOTAL:			3292	12082

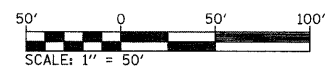
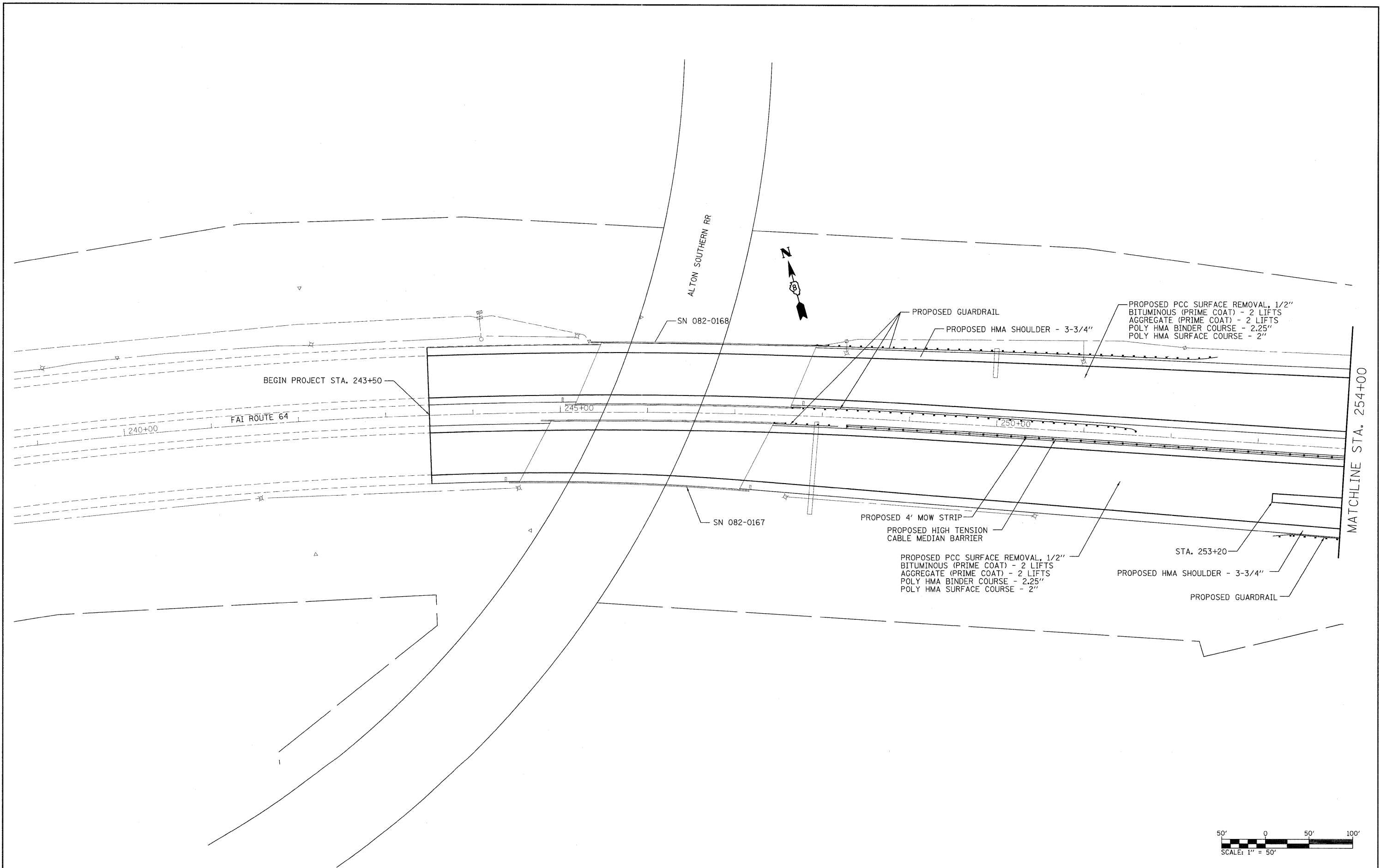
NOTE: BUTT - JOINTS AT BRIDGES SHALL INCLUDE THE REMOVAL OF ALL EXISTING HMA PATCHING.

DRAINAGE MISCELLANEOUS ITEMS										
LOCATION	RT/LT	CLEAN EXISTING INLET	CLEAN EXISTING END SECTION	BOX CULVERT TO BE CLEANED	REMOVE CONCRETE END SECTIONS	END SECTIONS TO BE REMOVED	PRC FLARED END SECTION 24"	PRC FLARED END SECTION 36"	END SECTION 24"	INSERTION CULVERT LINER, 24"
STA		(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(FOOT)
244+35	RT	1								
245+00	MEDIAN	1								
247+20	MEDIAN	1								
247+78	MEDIAN	1								
255+00	MEDIAN	1								
255+02	RT					1			1	187
261+31	RT					1			1	92
292+27	RT				1		1			
299+47	LT		1							
299+73	LT				1		1	1		
299+75	MEDIAN	1								
310+00	RT		1							
320+00	RT				1					
334+42	RT			1						
TOTAL:		6	2	1	3	2	2	1	2	279

NOTE: IT IS THE CONTRACTORS RESPONSIBILITY TO MAKE SURE THE APPROPRIATE SIZE LINER WILL FIT INTO THE PIPE CULVERT.

HIGH TENSION CABLE MEDIAN BARRIER				
LOCATION			HIGH TENSION CABLE MEDIAN BARRIER	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS
STA	TO	STA	(FOOT)	(EACH)
I-64 EB - LT				
248+18.25	TO	248+68.25		1
248+68.25	TO	259+95.25	1127	
259+95.25	TO	260+45.25		1
265+78.00	TO	266+28.00		1
266+28.00	TO	279+50.00	1322	
279+50.00	TO	280+00.00		1
I-64 WB - RT				
279+56	TO	280+06		1
280+06.00	TO	304+12.00	2406	
304+12.00	TO	304+62.00		1
306+17.50	TO	306+67.50		1
306+67.50	TO	317+40.00	1073	
317+40.00	TO	317+90.00		1
320+62.50	TO	321+12.50		1
321+12.50	TO	330+70.00	958	
330+70.00	TO	331+20.00		1
TOTAL:			6885	10

REMOVE HIGH TENSION CABLE MEDIAN BARRIER				
LOCATION			CABLE MEDIAN REMOVAL	
STA	TO	STA	(FOOT)	
I-64 EB - LT				
248+50	TO	261+20	1270	
265+78	TO	280+00	1422	
I-64 WB - RT				
279+56	TO	304+62	2506	
306+18	TO	331+50	2533	
TOTAL:			7731	



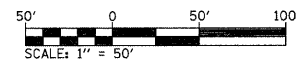
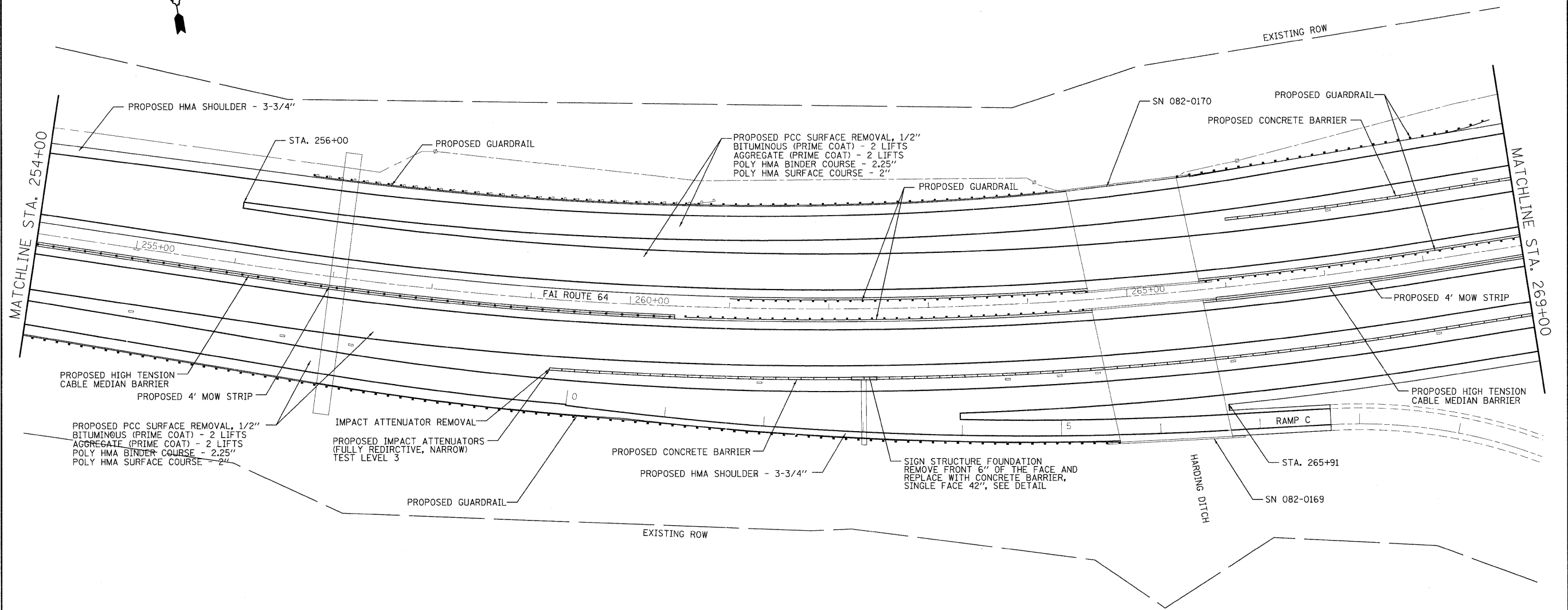
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

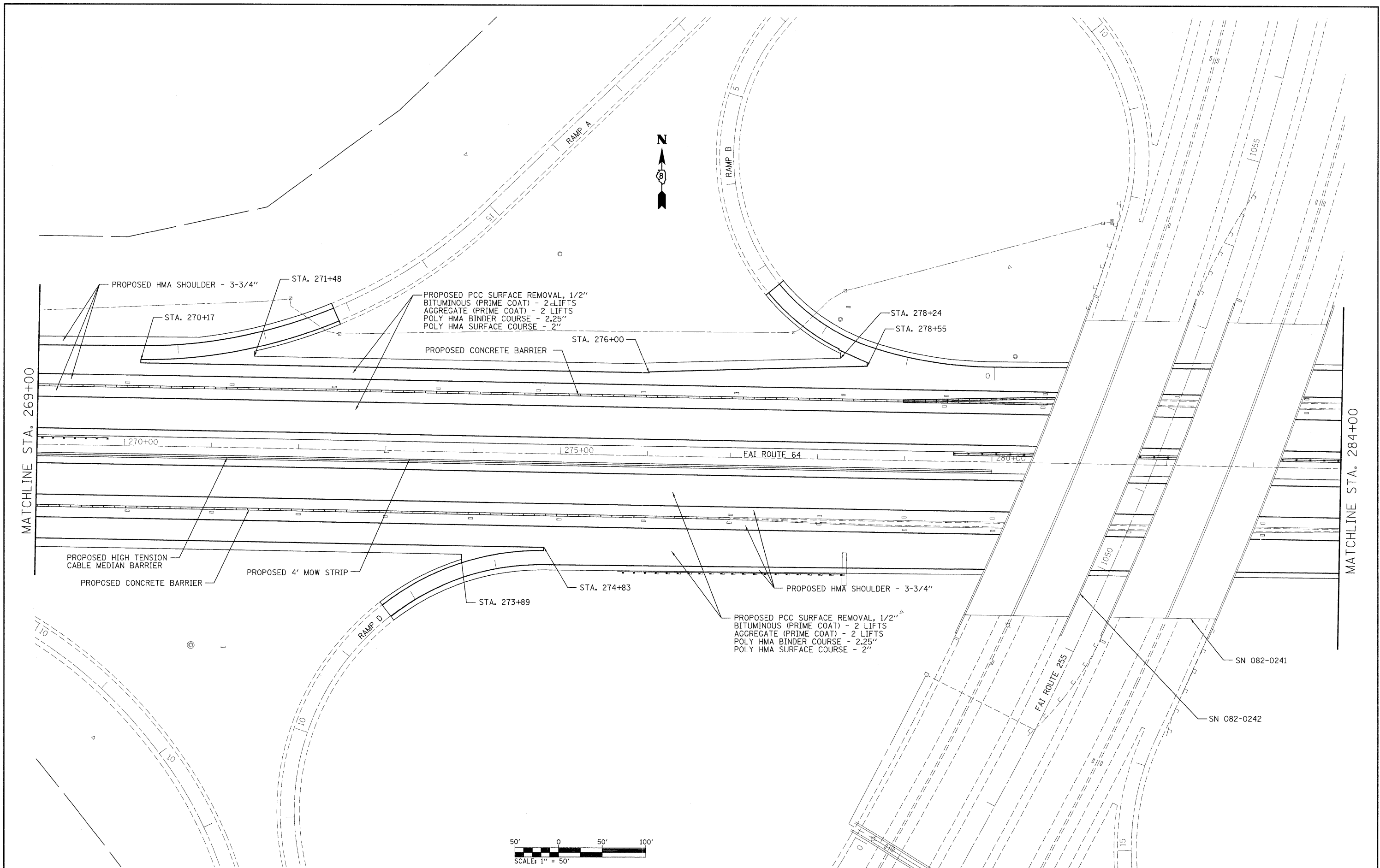
PLAN SHEET

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	24
CONTRACT NO. 76415				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



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	PLOT DATE = 11/21/2011	DATE -	REVISED -					FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



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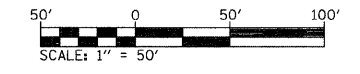
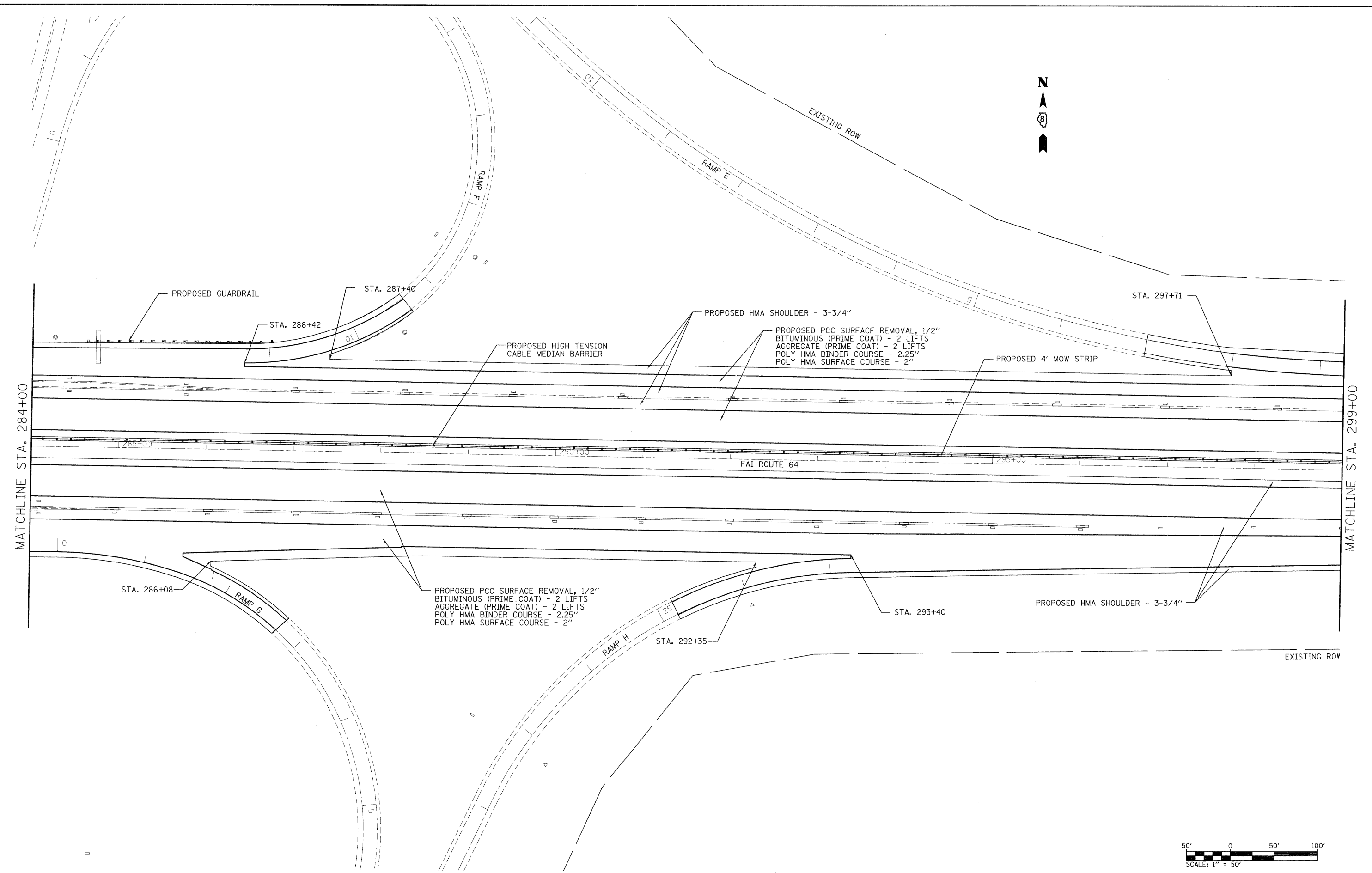
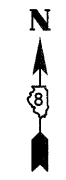
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
 SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	26
CONTRACT NO. 76415				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



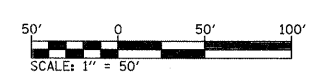
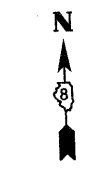
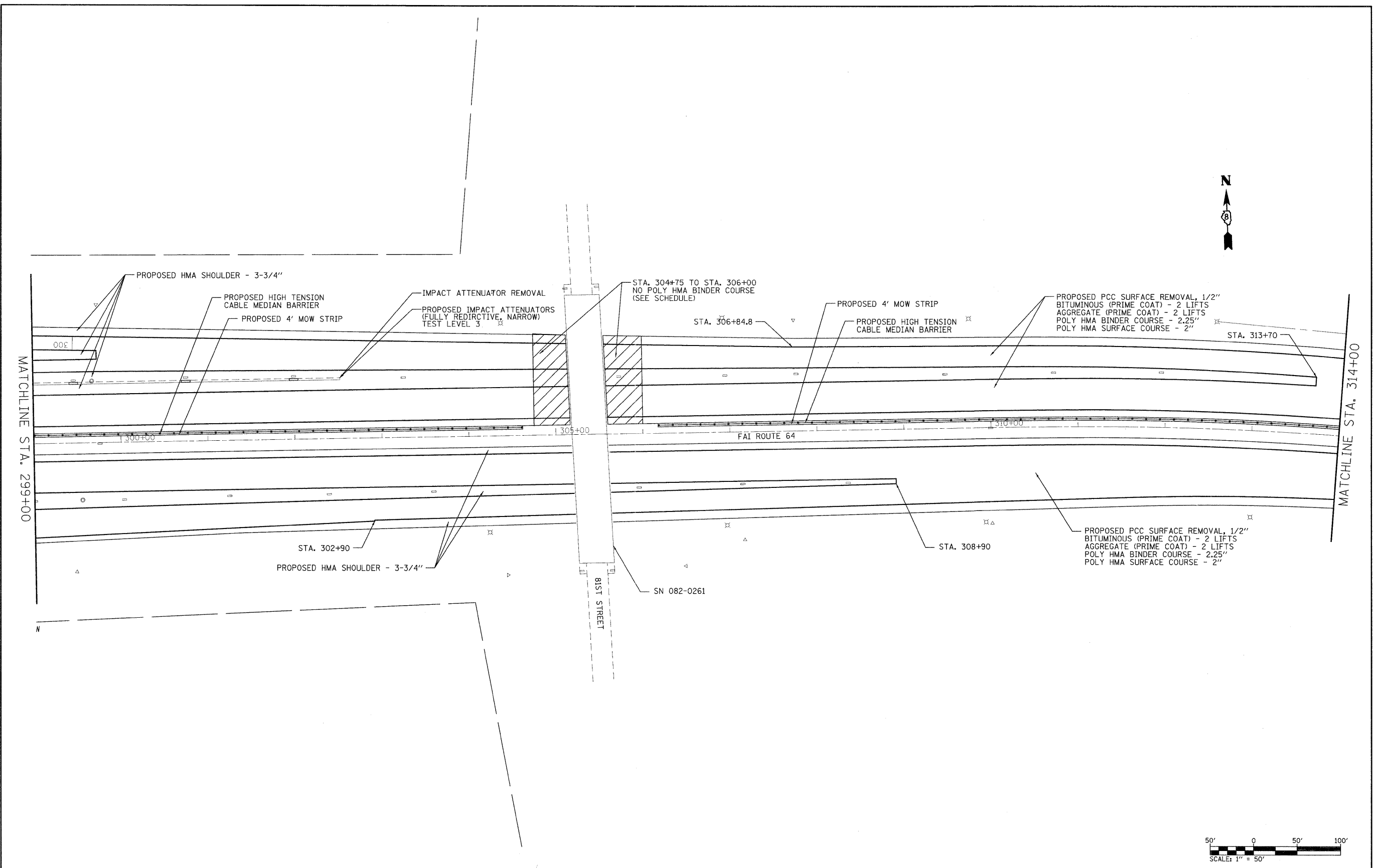
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	27
CONTRACT NO. 76415				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



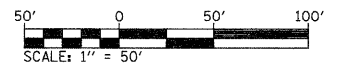
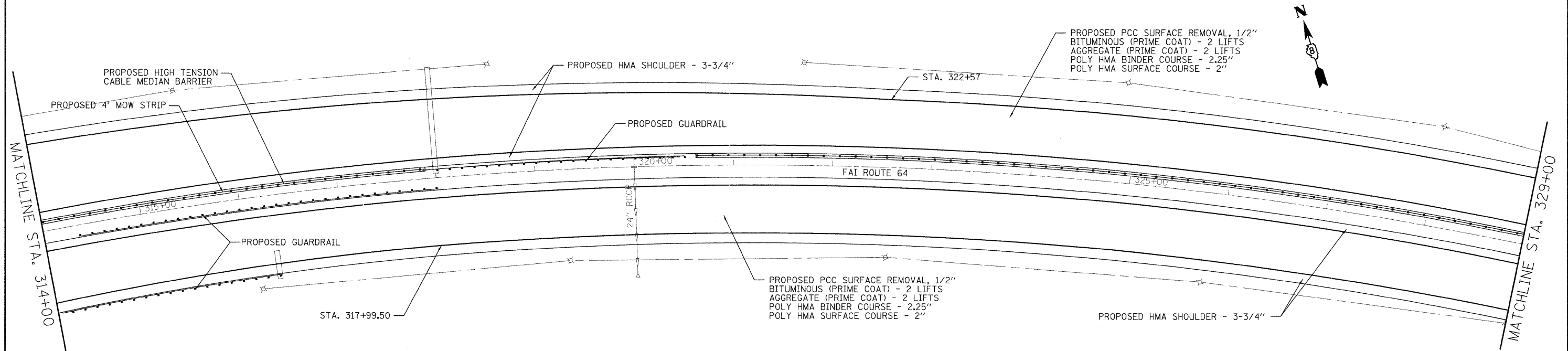
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	28
CONTRACT NO. 76415			ILLINOIS FED. AID PROJECT	



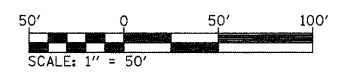
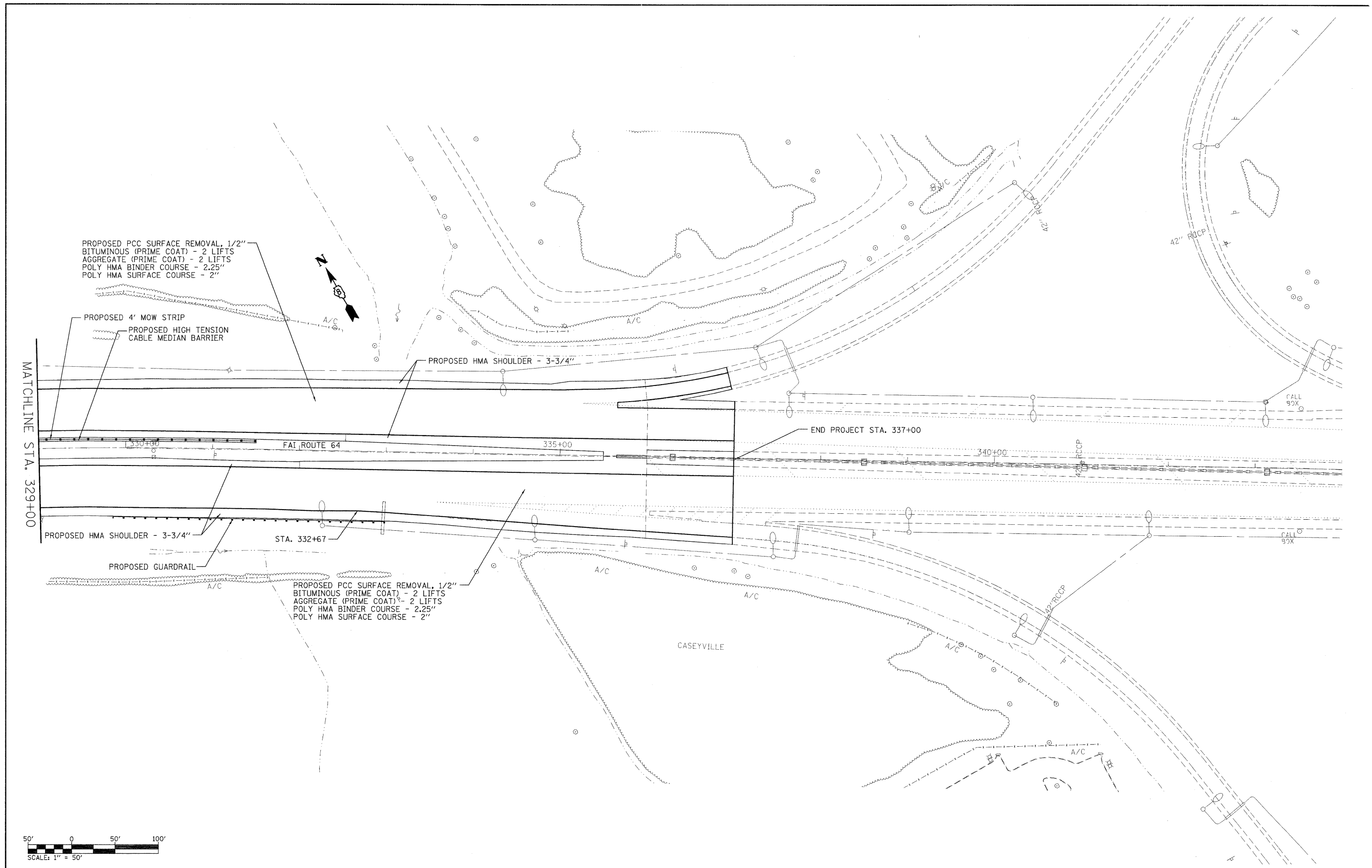
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	PLOT DATE = 10/20/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

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

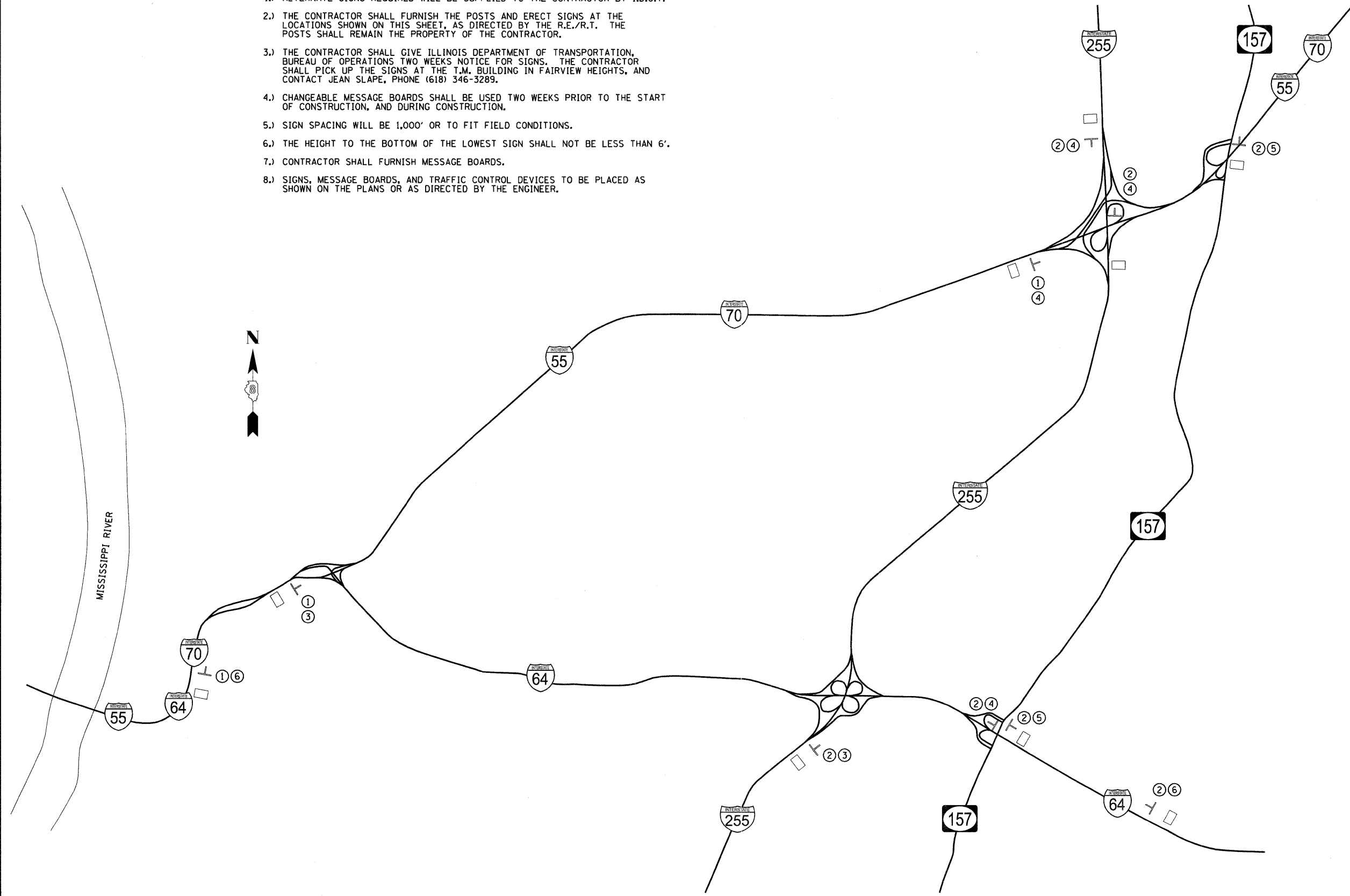
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	29
CONTRACT NO. 76415				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	76415-sht-plan.dgn	DRAWN -	REVISED -		SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA. _____ TO STA. _____	64	82-(3,4)RS	ST. CLAIR	167	30
PLOT SCALE = 50.0000' / in.		CHECKED -	REVISED -					CONTRACT NO. 76415				
PLOT DATE = 10/20/2011		DATE -	REVISED -					FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

NOTES:

- 1.) ALTERNATE SIGNS REQUIRED WILL BE SUPPLIED TO THE CONTRACTOR BY I.D.O.T.
- 2.) THE CONTRACTOR SHALL FURNISH THE POSTS AND ERECT SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET, AS DIRECTED BY THE R.E./R.T. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- 3.) THE CONTRACTOR SHALL GIVE ILLINOIS DEPARTMENT OF TRANSPORTATION, BUREAU OF OPERATIONS TWO WEEKS NOTICE FOR SIGNS. THE CONTRACTOR SHALL PICK UP THE SIGNS AT THE T.M. BUILDING IN FAIRVIEW HEIGHTS, AND CONTACT JEAN SLAPE, PHONE (618) 346-3289.
- 4.) CHANGEABLE MESSAGE BOARDS SHALL BE USED TWO WEEKS PRIOR TO THE START OF CONSTRUCTION, AND DURING CONSTRUCTION.
- 5.) SIGN SPACING WILL BE 1,000' OR TO FIT FIELD CONDITIONS.
- 6.) THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.
- 7.) CONTRACTOR SHALL FURNISH MESSAGE BOARDS.
- 8.) SIGNS, MESSAGE BOARDS, AND TRAFFIC CONTROL DEVICES TO BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.



ALTERNATE ROUTE SIGNING		
①	ALTERNATE EAST INTERSTATE 64	3 EACH
②	ALTERNATE WEST INTERSTATE 64	7 EACH
③	↑	2 EACH
④	↗	4 EACH
⑤	←	2 EACH
⑥	1 MILE	2 EACH

SIGNS TO BE PROVIDE BY IDOT		
ALTERNATE	FO	9 EACH
M4-1-2412		
EAST		3 EACH
M3-2-2412		
WEST		6 EACH
M3-4-2412		
↑	FO	2 EACH
M6-3-2115		
↗	FO	4 EACH
M6-2-2115		
←	FO	1 EACH
M6-1-2115		
1 MILE	FO	2 EACH
2412		
INTERSTATE 64		9 EACH
M1-M-2424		

FO FLORESCENT ORANGE
 □ MESSAGE BOARD

Farnsworth
 GROUP, INC.
 2709 McGraw Drive
 Bloomington, Illinois 61704
 308/663-8435, 308/663-1571 fax

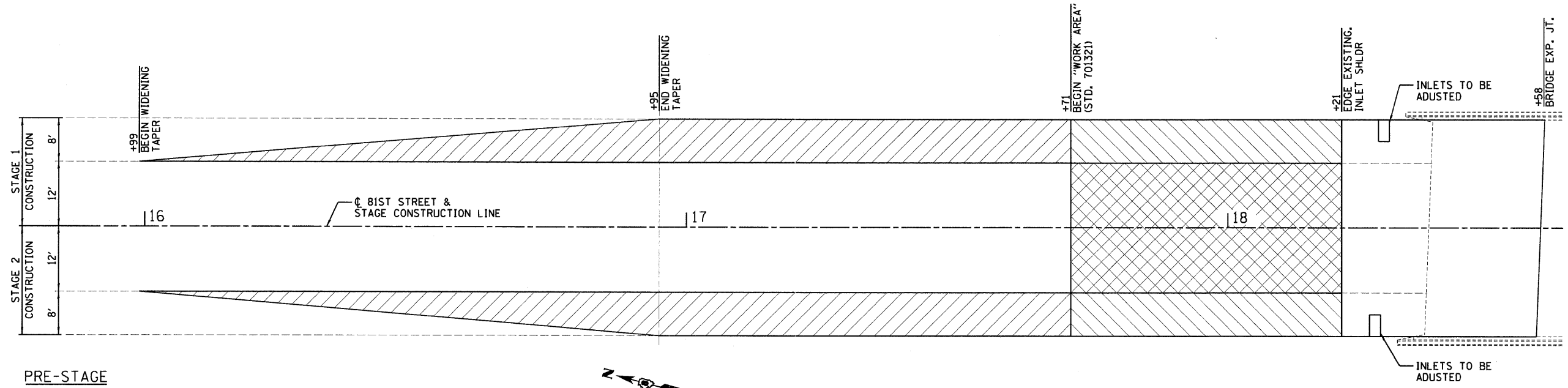
DESIGNED - JCZ	REVISED
CHECKED - JML	REVISED
DRAWN - DJM/JWK	REVISED
CHECKED - MSW	REVISED
DATE - 10/19/11	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTERNATE ROUTE SIGNING

SHEET NO. OF SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	31
				CONTRACT NO. 76415
ILLINOIS FED. AID PROJECT				

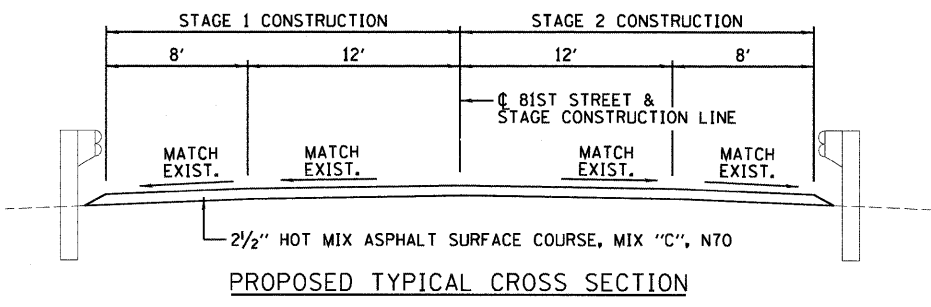


- PRE-STAGE**
 1.) EXCAVATE EARTH SHOULDER AND REPLACE WITH SHOULDER WIDENING FROM STA 15+99 TO STA 18+21 AND FROM STA 21+65 TO STA 23+87 USING STANDARD 701326.
- STAGE 1**
 1.) PROVIDE TRAFFIC CONTROL ACCORDING TO STANDARD 701321 WITH THE "WORK AREA" FROM STA 17+71 TO STA 22+15.
 2.) COMPLETE STAGE 1 CONSTRUCTION FOR ROADWAY AND STRUCTURE NO. 082-0261
- STAGE 2**
 1.) RELOCATE TRAFFIC CONTROL FOR STAGE 2 ACCORDING TO STANDARD 701321.
 2.) COMPLETE STAGE 2 CONSTRUCTION FOR ROADWAY AND STRUCTURE NO. 082-0261

PLAN
 STA 15+99 TO STA 18+58
 (SIMILAR FOR STA 21+28 TO STA 23+87)

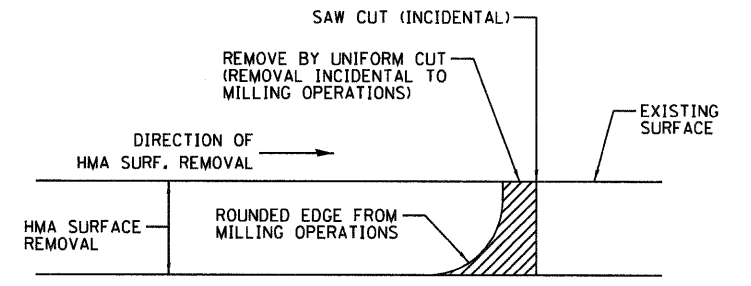
LEGEND

- SHOULDER WIDENING
- SHOULDER WIDENING & 1:240 TAPER
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, & HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70



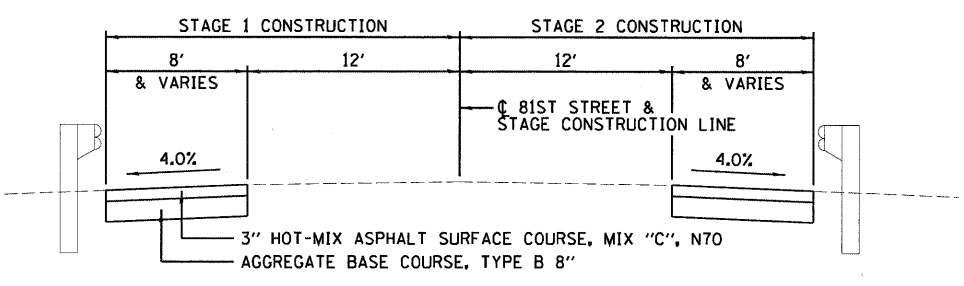
STA 18+21 TO STA 18+58
 STA 21+28 TO STA 21+65

BRIDGE OMISSION
 SEE STRUCTURE NO. 082-0261 PLANS
 STA 18+58 TO STA 21+28

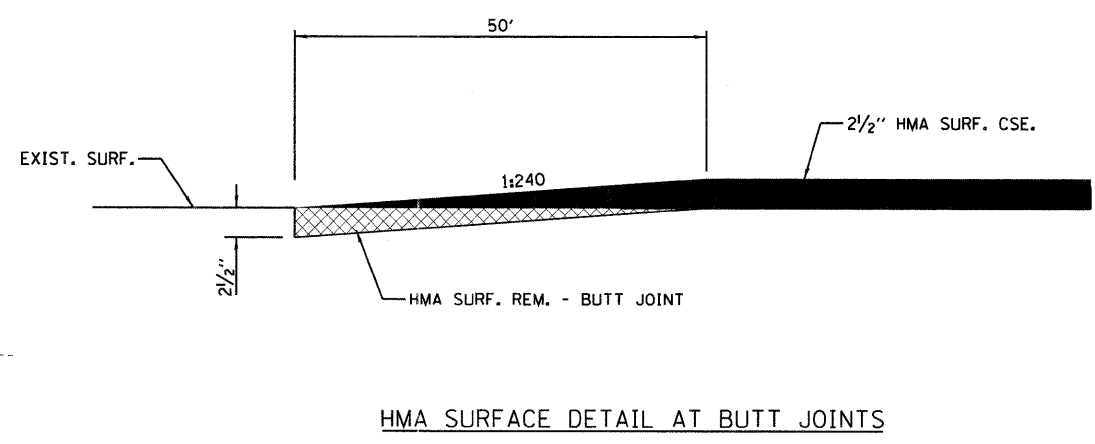


NOTE:
 WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

END DETAIL AT BUTT JOINTS



STA 15+99 TO STA 18+21
 STA 21+65 TO STA 23+87



STA 17+71 TO STA 18+21
 STA 21+65 TO STA 22+15

NOTE:
 SEE SHEET 32A FOR SCHEDULE OF QUANTITIES.

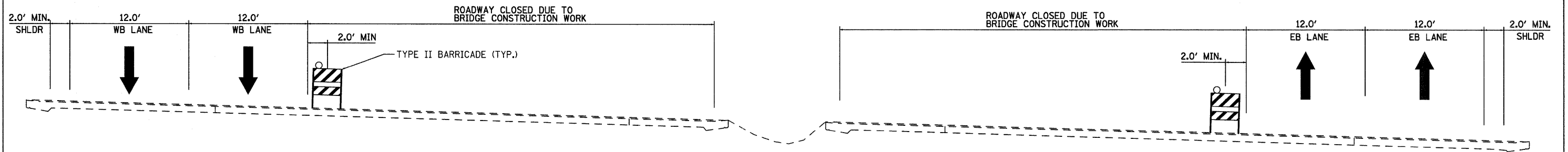
PAVING MATERIALS					
LOCATION	EARTH EXC	AGG BASE	BIT MATLS	HMA SURF	HMA SC
	WID	CSE B 8	PR CT	REM BUTT JT	"C" N70
	CU YD	SO YD	TON	SO YD	TON
STA 15+99 TO STA 17+71	67	220	0.4		37
STA 17+71 TO STA 18+21	28	90	0.2	134	40
STA 18+21 TO STA 18+58			0.1		23
STA 21+28 TO STA 21+65			0.1		23
STA 21+65 TO STA 22+15	27	89	0.2	133	40
STA 22+15 TO STA 23+87	67	220	0.3		37
TOTAL	189	619	1.3	267	200

TRAFFIC CONTROL - PRE-STAGE	
LOCATION	TRAF CONT -
	PROT 701326
	LSUM
STA 15+99 TO STA 23+87	1
TOTAL	1

TRAFFIC CONTROL - STAGE 1							
LOCATION	TRAF CONT -	TEMP BR	TEMP PVT	TEMP PVT	WORK ZONE	TEMP CONC	IMP ATTN TEMP
	PROT 701321	TRAFF SIGNALS	MK LINE 4	MK LINE 24	PAVT MK REM	BARRIER	NRD TL3
	EACH	EACH	FOOT	FOOT	SO FT	FOOT	EACH
STA 9+76 TO STA 30+04	0.5	0.5					
STA 14+76				12	24		
STA 15+36 TO STA 24+94			958		319		
STA 16+75							1
STA 16+75 TO STA 23+25						650	
STA 23+25							1
STA 25+04				12	24		
TOTAL	0.5	0.5	958	24	367	650	2

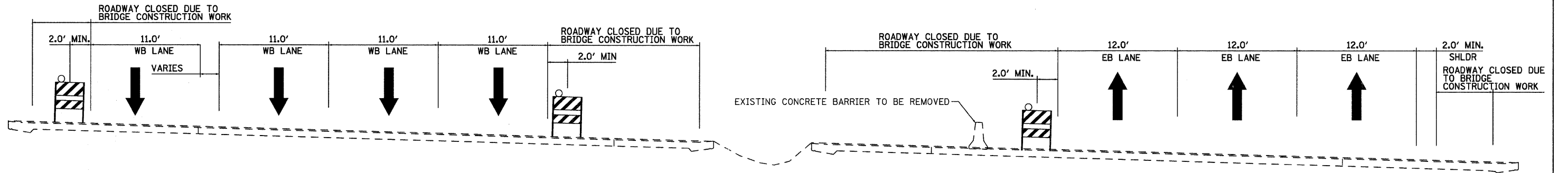
TRAFFIC CONTROL - STAGE 2							
LOCATION	TRAF CONT -	TEMP BR	TEMP PVT	TEMP PVT	WORK ZONE	REL TEMP	IMP ATTN REL
	PROT 701321	TRAFF SIGNALS	MK LINE 4	MK LINE 24	PAVT MK REM	CONC BARRIER	NRD TL3
	EACH	EACH	FOOT	FOOT	SO FT	FOOT	EACH
STA 9+82 TO STA 30+10	0.5	0.5					
STA 14+82				12	24		
STA 14+92 TO STA 24+50			958		319		
STA 16+75							1
STA 16+75 TO STA 23+25						650	
STA 23+25							1
STA 25+10				12	24		
TOTAL	0.5	0.5	958	24	367	650	2

INLETS TO BE ADJUSTED	
LOCATION	EACH
STA 18+26 LT	1
STA 18+26 RT	1
STA 21+60 LT	1
STA 21+60 RT	1
TOTAL	4



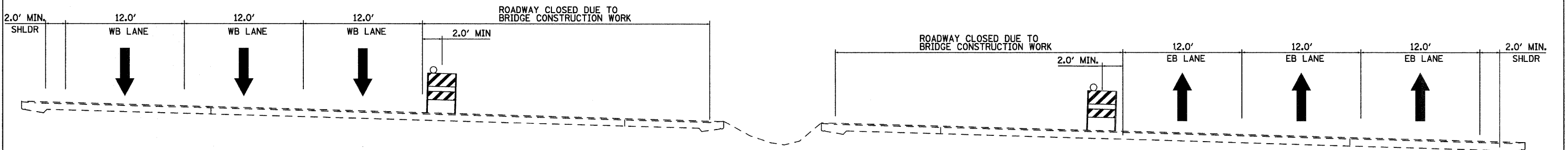
STAGE 1

INTERSTATE 64 STATION 238+07.12 TO STATION 254+80.40



STAGE 1 / STAGE 1A

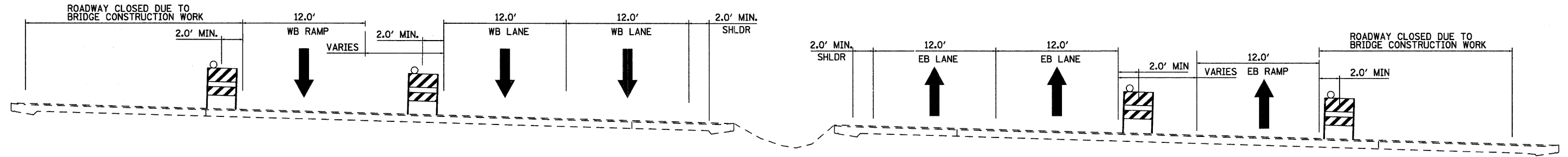
INTERSTATE 64 STATION 262+49.27 TO STATION 271+47.20



STAGE 1A

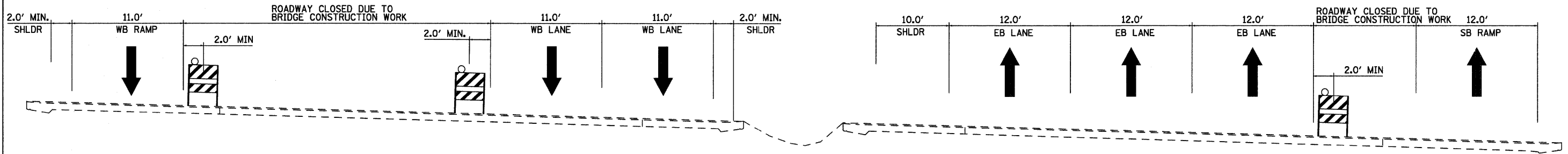
INTERSTATE 64 STATION 214+02.34 TO STATION 259+82.14

FILE NAME = D876415-sh1-Typical Roadway.dgn	USER NAME = tbonnell	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 5,0000' / 1in.	CHECKED -	REVISED -					64	82-(3,4)RS	ST. CLAIR	167	33
	PLOT DATE = 11/18/2011	DATE -	REVISED -		SCALE: 1"=5'			SHEET NO. 1 OF 2 SHEETS STA. TO STA.			CONTRACT NO. 76415	
								FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				



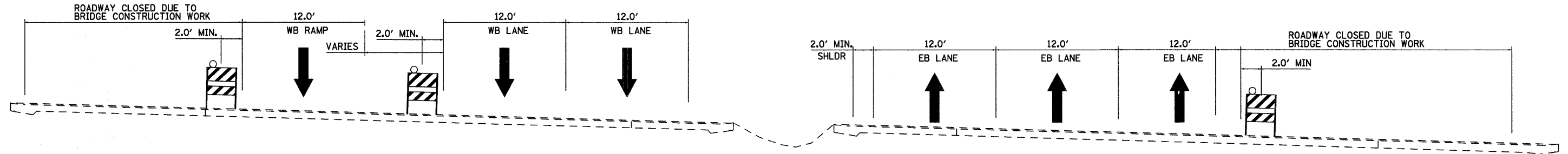
STAGE 2

INTERSTATE 64 STATION 242+64.02 TO STATION 251+52.58



STAGE 2 /STAGE 2A

INTERSTATE 64 STATION 256+44.78 TO STATION 265+76.61



STAGE 2A

INTERSTATE 64 STATION 242+64.02 TO STATION 247+21.66

FILE NAME =
D076415-sht-Typical Roadway.dgn

USER NAME = tbonnell
DESIGNED -
DRAWN -
PLOT SCALE = 5.0000' / 1in.
CHECKED -
PLOT DATE = 11/18/2011
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND
TRAFFIC CONTROL - TYPICAL SECTIONS

SCALE: 1"=5'
SHEET NO. 1 OF 2 SHEETS
STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	34
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				

CONSTRUCTION SEQUENCE AND TRAFFIC STAGING

ADVANCE WORK

MAINTENANCE OF TRAFFIC

- MAINTAIN TRAFFIC ON EXISTING ROUTES
- OFF-PEAK LANE CLOSURES CAN BE UTILIZED

WORK TO BE COMPLETED

- CONSTRUCT TEMPORARY PAVEMENT TO MAINTAIN ACCESS TO SOUTHBOUND I-255 DURING STAGE 1
- REMOVE EXISTING MEDIAN BARRIER ALONG EASTBOUND I-64 FROM STATION 259+23.83 TO STATION 276+94.75; REMOVE EXISTING MEDIAN BARRIER FROM STATION 266+05.95 TO STATION 280+71
- REMOVE AND REPLACE EXISTING SHOULDER/MEDIAN PAVEMENT PER THE METHODS AND LIMITS PROVIDED WITH THESE STAGING PLANS
- PROVIDE I-64 ALTERNATE ROUTE PER METHODS PROVIDED WITH THESE PLANS AND SPECIFICATIONS

STAGE 1

MAINTENANCE OF TRAFFIC

- MAINTAIN TRAFFIC ON EXISTING ROUTES

- I-64 LANE CLOSURES TO BE DONE PER METHODS PROVIDED WITH THESE PLANS AND SPECIFICATIONS; MAINTAIN A MINIMUM TWO THRU LANES ON STRUCTURES 082-0167 AND 082-0168; MAINTAIN A MINIMUM THREE THRU LANES ON STRUCTURES 082-0169 AND 082-0170, WHILE MAINTAINING ACCESS TO ALL INTERCHANGE RAMP

WORK TO BE COMPLETED

- BRIDGE CONSTRUCTION WORK ON STRUCTURES 082-0167, 082-0168, 082-0169, AND 082-0170, PER THE METHODS AND STAGING LIMITS PROVIDED WITH THESE PLANS AND SPECIFICATIONS

STAGE 1A

MAINTENANCE OF TRAFFIC

- MAINTAIN TRAFFIC ON EXISTING ROUTES

- I-64 LANE CLOSURES TO BE DONE PER METHODS PROVIDED WITH THESE PLANS AND SPECIFICATIONS; MAINTAIN A MINIMUM THREE THRU LANES ON STRUCTURES 082-0167 AND 082-0168; MAINTAIN A MINIMUM THREE THRU LANES ON STRUCTURES 082-0169 AND 082-0170, WHILE MAINTAINING ACCESS TO ALL INTERCHANGE RAMP

WORK TO BE COMPLETED

- BRIDGE CONSTRUCTION WORK ON STRUCTURES 082-0169 AND 082-0170, PER THE METHODS AND STAGING LIMITS PROVIDED WITH THESE PLANS AND SPECIFICATIONS

STAGE 2

MAINTENANCE OF TRAFFIC

- MAINTAIN TRAFFIC ON EXISTING ROUTES

- I-64 LANE CLOSURES TO BE DONE PER METHODS PROVIDED WITH THESE PLANS AND SPECIFICATIONS; MAINTAIN A MINIMUM TWO THRU LANES ON STRUCTURES 082-0167 AND 082-0168; MAINTAIN A MINIMUM THREE THRU LANES ON STRUCTURES 082-0169 AND 082-0170, WHILE MAINTAINING ACCESS TO ALL INTERCHANGE RAMP

WORK TO BE COMPLETED

- BRIDGE CONSTRUCTION WORK ON STRUCTURES 082-0167, 082-0168, 082-0169, AND 082-0170, PER THE METHODS AND STAGING LIMITS PROVIDED WITH THESE PLANS AND SPECIFICATIONS

STAGE 2A

MAINTENANCE OF TRAFFIC

- MAINTAIN TRAFFIC ON EXISTING ROUTES

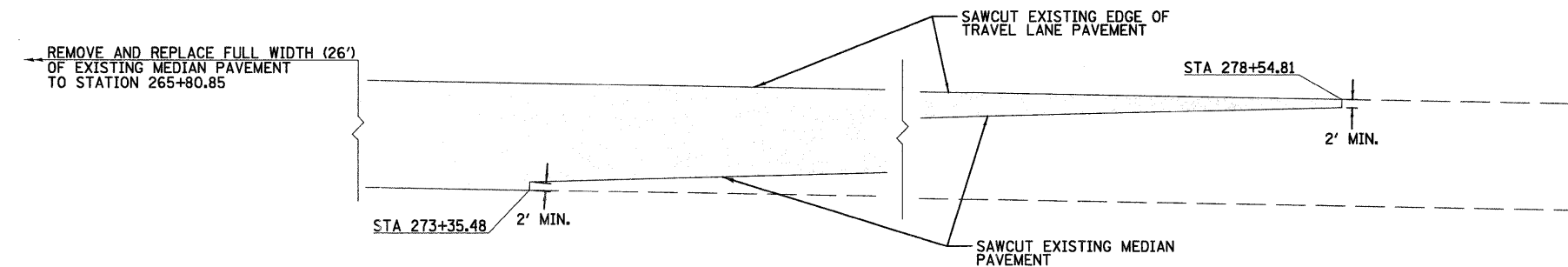
- I-64 LANE CLOSURES TO BE DONE PER METHODS PROVIDED WITH THESE PLANS AND SPECIFICATIONS; MAINTAIN A MINIMUM THREE THRU LANES ON STRUCTURES 082-0167 AND 082-0168; MAINTAIN A MINIMUM THREE THRU LANES ON STRUCTURES 082-0169 AND 082-0170, WHILE MAINTAINING ACCESS TO ALL INTERCHANGE RAMP

WORK TO BE COMPLETED

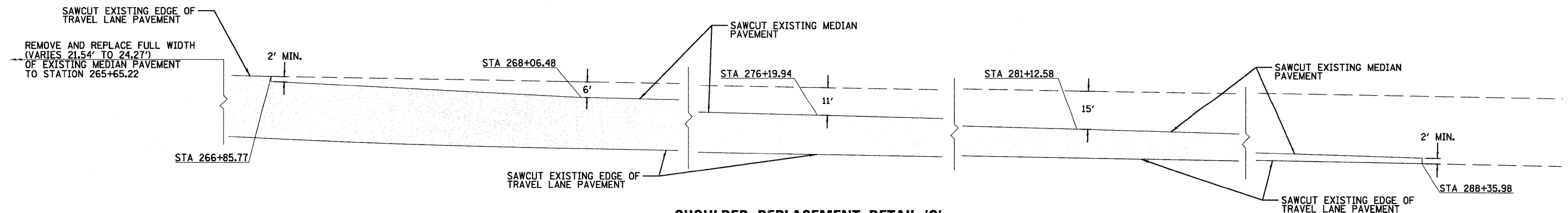
- BRIDGE CONSTRUCTION WORK ON STRUCTURES 082-0169 AND 082-0170, PER THE METHODS AND STAGING LIMITS PROVIDED WITH THESE PLANS AND SPECIFICATIONS

GENERAL NOTES:

1. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH STANDARD 701901.
3. REFERENCES TO YELLOW AND WHITE TEMPORARY PAVEMENT MARKINGS MEAN REFLECTORIZED STAGING PAVEMENT MARKING PAINT.
4. TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS AT 25-FOOT CENTERS SHALL BE USED IN CONJUNCTION WITH ALL REFLECTORIZED STAGING PAVEMENT MARKING PAINT AT LANE LINES, NON-TEMPORARY CONCRETE BARRIER EDGE LINES.
5. REMOVE ALL EXISTING PAVEMENT MARKINGS AND TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER LENSES IN CONFLICT WITH PROPOSED STAGING PAVEMENT MARKINGS PER THE ENGINEER.
6. TRAFFIC CONTROL SIGNS SHALL BE PLACED ON BOTH THE LEFT AND RIGHT SIDE OF THE PAVEMENT.
7. TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
8. ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" X 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
9. EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
10. PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
11. IN AREAS WHERE CONSTRUCTION ACTIVITY PLACES A TRAFFIC HAZARD WITHIN 3.5 FEET OF THE TEMPORARY CONCRETE BARRIER, THE BARRIER SHALL BE ANCHORED TO THE PAVEMENT. NO ADDITIONAL PAYMENT SHALL BE MADE FOR ANCHORING OF TEMPORARY CONCRETE BARRIER.
12. A MINIMUM 11' LANE WIDTH SHALL BE MAINTAINED ON ALL INTERSTATE LANES OPEN TO TRAFFIC DURING CONSTRUCTION.



SHOULDER REPLACEMENT DETAIL 'N'



SHOULDER REPLACEMENT DETAIL 'O'

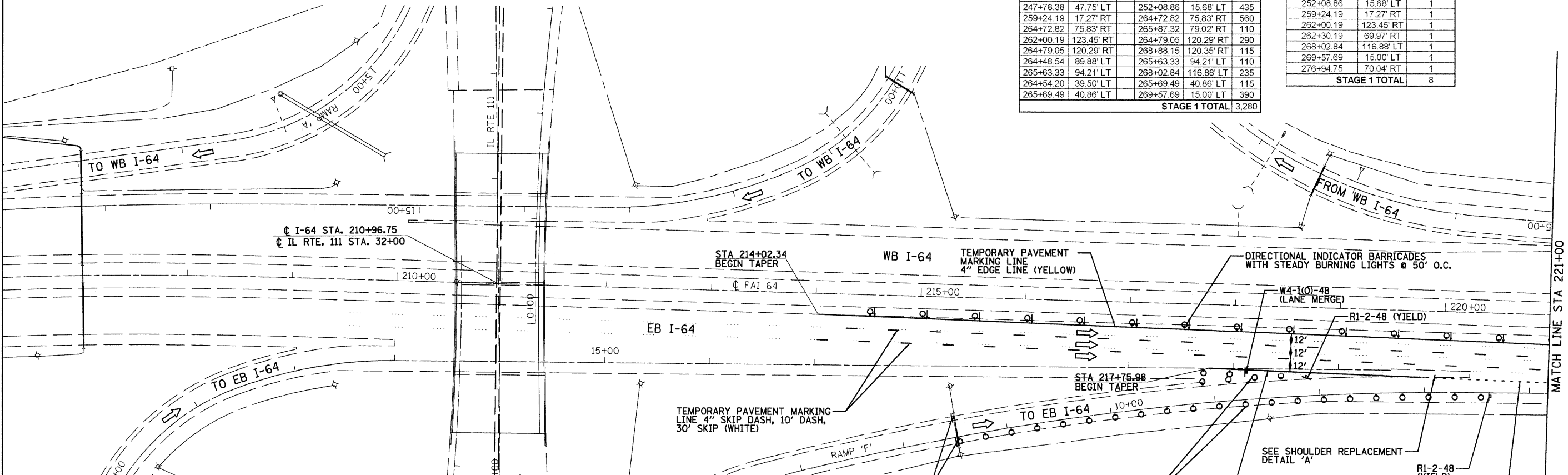
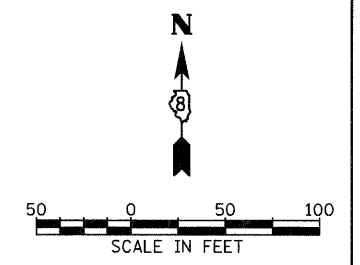
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	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 76415	
	PLOT DATE = 11/17/2011	DATE -	REVISED -						FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT	

ADVANCE WORK /STAGE 1 TRAFFIC CONTROL ITEMS

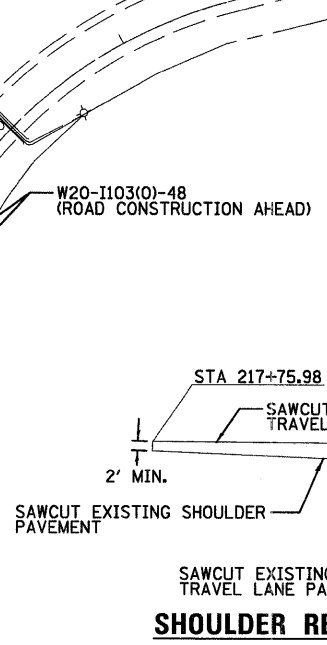
PAVEMENT REMOVAL	EARTH EXCAVATION (WIDENING)	SUBBASE GRANULAR MATERIAL TYPE A, 4"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	TEMPORARY CONCRETE BARRIER	TEMPORARY PAVEMENT MARKING - 4" LINE MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	AGGREGATE BASE COURSE TYPE A, 12"	HMA SURFACE COURSE MIX "D", N90	HMA BINDER COURSE IL-19.0, N90
SQ YD	CU YD	SQ YD	TON	TON	EACH	FOOT	FOOT	SQ FT	SQ YD	TON	TON
15,890	3,540	15,890	36	52	8	3,280	30,800	5,300	370	1,810	9,050

BARRIER SCHEDULE - STAGE 1					
STATION	OFFSET	TO	STATION	OFFSET	FEET
240+45.57	15.69' RT		244+21.52	47.40' RT	420
244+68.22	47.40' RT		247+23.57	55.53' RT	250
245+32.58	47.77' LT		247+78.38	47.75' LT	250
247+78.38	47.75' LT		252+08.86	15.68' LT	435
259+24.19	17.27' RT		264+72.82	75.83' RT	560
264+72.82	75.83' RT		265+87.32	79.02' RT	110
262+00.19	123.45' RT		264+79.05	120.29' RT	290
264+79.05	120.29' RT		268+88.15	120.35' RT	115
264+48.54	89.88' LT		265+63.33	94.21' LT	110
265+63.33	94.21' LT		268+02.84	116.88' LT	235
264+54.20	39.50' LT		265+69.49	40.86' LT	115
265+69.49	40.86' LT		269+57.69	15.00' LT	390
STAGE 1 TOTAL					3,280

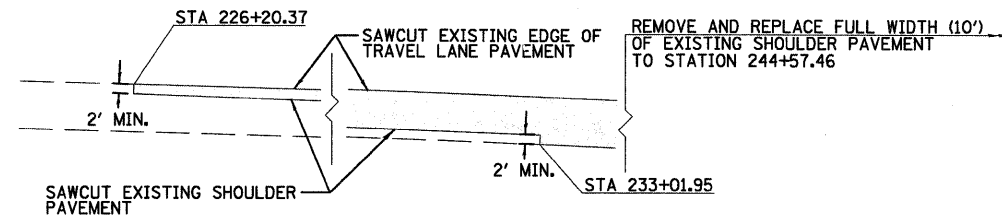
ATTENUATOR SCHEDULE - STAGE 1		
STATION	OFFSET	EACH
240+45.57	15.69' RT	1
252+08.86	15.68' LT	1
259+24.19	17.27' RT	1
262+00.19	123.45' RT	1
262+30.19	69.97' RT	1
268+02.84	116.88' LT	1
269+57.69	15.00' LT	1
276+94.75	70.04' RT	1
STAGE 1 TOTAL		8



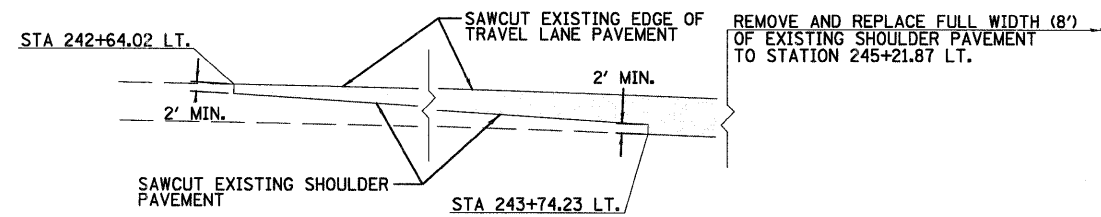
SHOULDER REPLACEMENT SCHEDULE											
STATION	OFFSET	TO	STATION	OFFSET	PAVEMENT REMOVAL	EARTH EXCAVATION (WIDENING)	SUBBASE GRANULAR MATERIAL TYPE A, 4"	HMA SURFACE COURSE MIX "D", N90	HMA BINDER COURSE IL-19.0, N90	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)
STATION	OFFSET	TO	STATION	OFFSET	SQ YD	CU YD	SQ YD	TON	TON	TON	TON
217+75.98	60.48' RT		220+25.25	55.99' RT	180	40	180	20	100	0.4	0.5
226+20.37	68.00' RT		244+57.46	68.25' RT	1,660	369	1,660	185	925	3.6	5.0
239+52.99	67.94' LT		245+46.69	77.90' LT	541	120	541	60	301	1.2	1.6
242+64.02	19.92' LT		245+21.87	19.90' LT	181	40	181	20	101	0.4	0.5
242+64.02	20.08' RT		244+88.02	12.10' RT	127	28	127	14	71	0.3	0.4
247+85.72	68.34' LT		251+06.68	75.79' LT	227	50	227	25	126	0.5	0.7
247+07.51	85.51' RT		260+81.44	114.37' RT	1,482	329	1,482	165	825	3.2	4.4
247+84.26	11.88' LT		264+60.59	10.97' LT	1,503	334	1,503	167	837	3.2	4.5
256+00.26	55.43' LT		264+54.04	54.97' LT	1,110	247	1,110	124	618	2.4	3.3
262+14.77	93.61' LT		264+47.22	99.66' LT	176	39	176	20	98	0.4	0.5
253+20.19	56.39' RT		264+74.10	83.04' RT	1,279	284	1,279	142	712	2.7	3.8
263+28.11	106.97' RT		264+79.43	121.50' RT	179	40	179	20	100	0.4	0.5
265+60.60	104.14' LT		267+54.18	111.83' LT	139	31	139	15	77	0.3	0.4
265+87.54	107.10' RT		268+25.38	107.12' RT	234	52	234	26	131	0.5	0.7
265+72.09	18.91' LT		273+86.96	18.88' LT	352	78	352	39	196	0.8	1.1
270+17.34	94.83' LT		273+89.73	94.88' LT	197	44	197	22	110	0.4	0.6
265+80.85	57.10' RT		278+54.81	57.06' RT	2,930	651	2,930	326	1632	6.3	8.8
265+65.22	54.91' LT		288+35.98	55.08' LT	3,389	753	3,389	378	1888	7.3	10.2
TOTAL					15,890	3,540	15,890	1,770	8,850	35	50



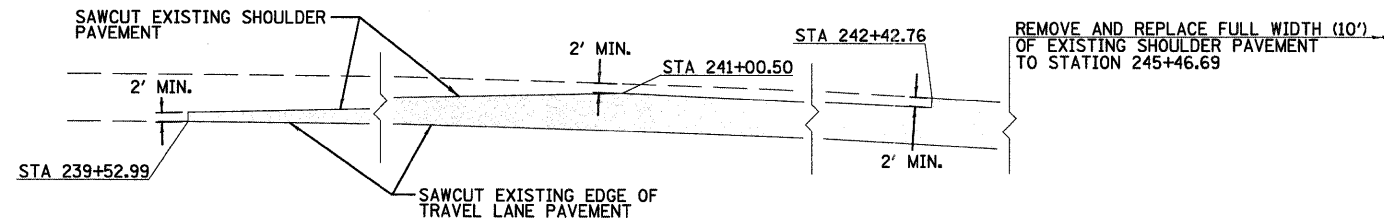
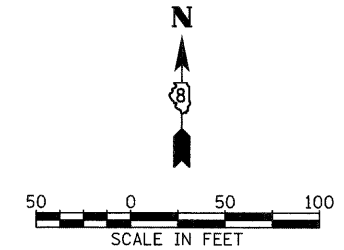
LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	SIGN
	DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
	TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
	TYPE III BARRICADE
	TEMPORARY IMPACT ATTENUATOR
	TEMPORARY CONCRETE BARRIER
	PROPOSED PAVEMENT MARKING
	EXISTING PAVEMENT MARKING
	DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)
	SHOULDER REPLACEMENT



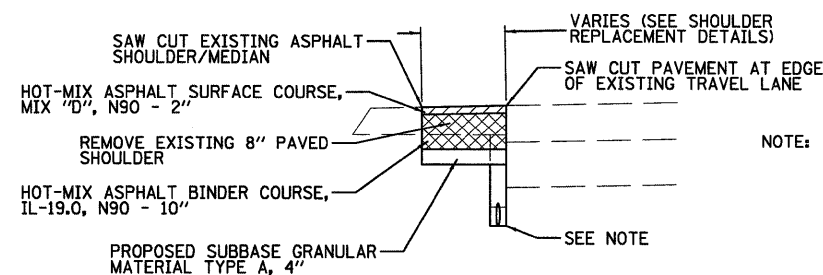
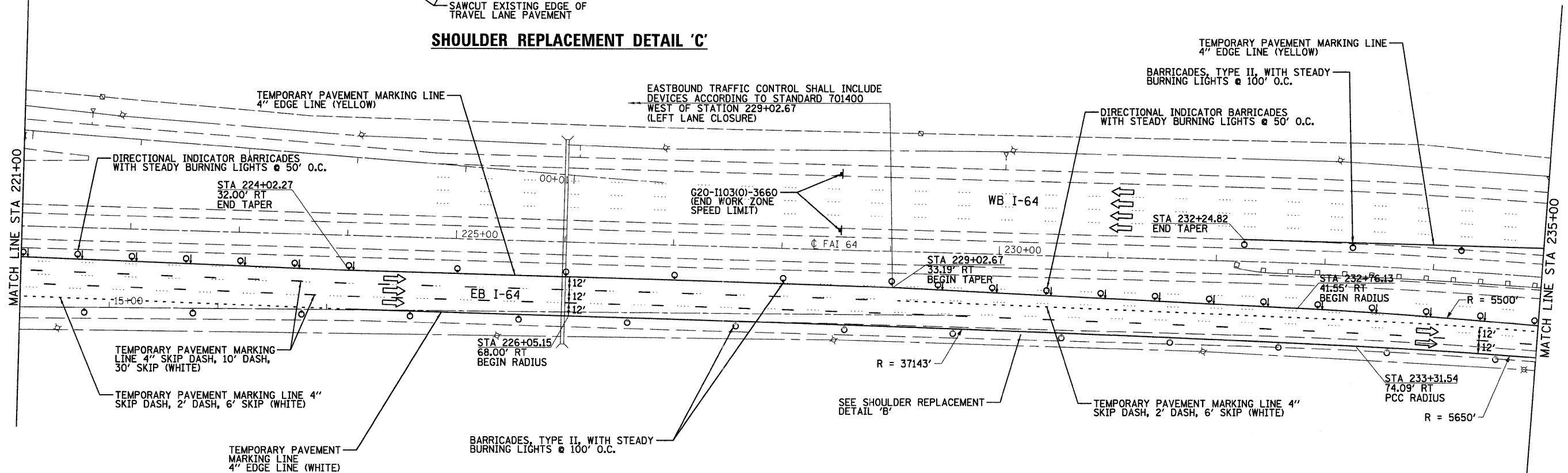
SHOULDER REPLACEMENT DETAIL 'B'



SHOULDER REPLACEMENT DETAIL 'D'



SHOULDER REPLACEMENT DETAIL 'C'



SHOULDER REPLACEMENT TYPICAL SECTION

NOTE: LIMITS OF NEW PIPE UNDERDRAINS ARE SHOWN IN THE PLANS. IN AREAS WHERE SHOULDERS ARE BEING UPGRADED, NEW PIPE UNDERDRAINS, IF CALLED FOR ON THE PLANS, SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF UPGRADED SHOULDER PAVEMENT.

LEGEND

	WORK AREA
	TEMPORARY PAVEMENT
	SIGN
	DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
	TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
	TYPE III BARRICADE
	TEMPORARY IMPACT ATTENUATOR
	TEMPORARY CONCRETE BARRIER
	PROPOSED PAVEMENT MARKING
	EXISTING PAVEMENT MARKING
	DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)
	SHOULDER REPLACEMENT

FILE NAME = DB76415-shr-Staging1-02.dgn

USER NAME = tbonnell
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 11/28/2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

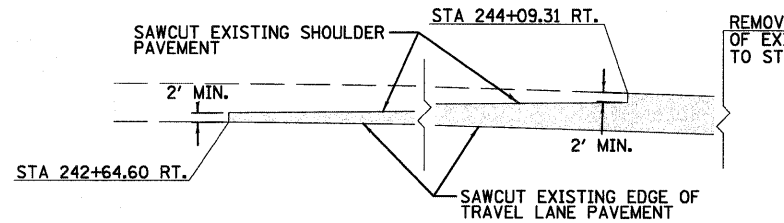
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

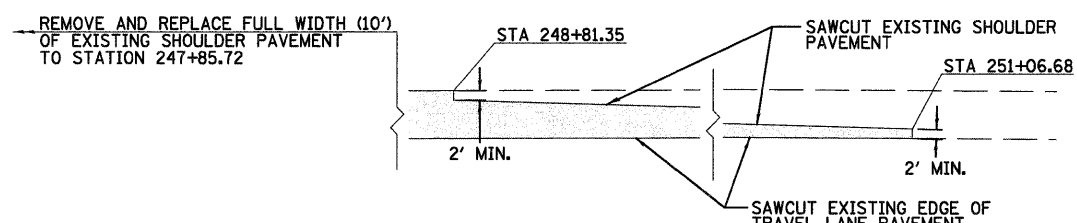
**SUGGESTED STAGES OF CONSTRUCTION AND
 TRAFFIC CONTROL - STAGE 1**

SCALE: 1"=50' SHEET NO. 2 OF 6 SHEETS STA. 221+00 TO STA. 235+00

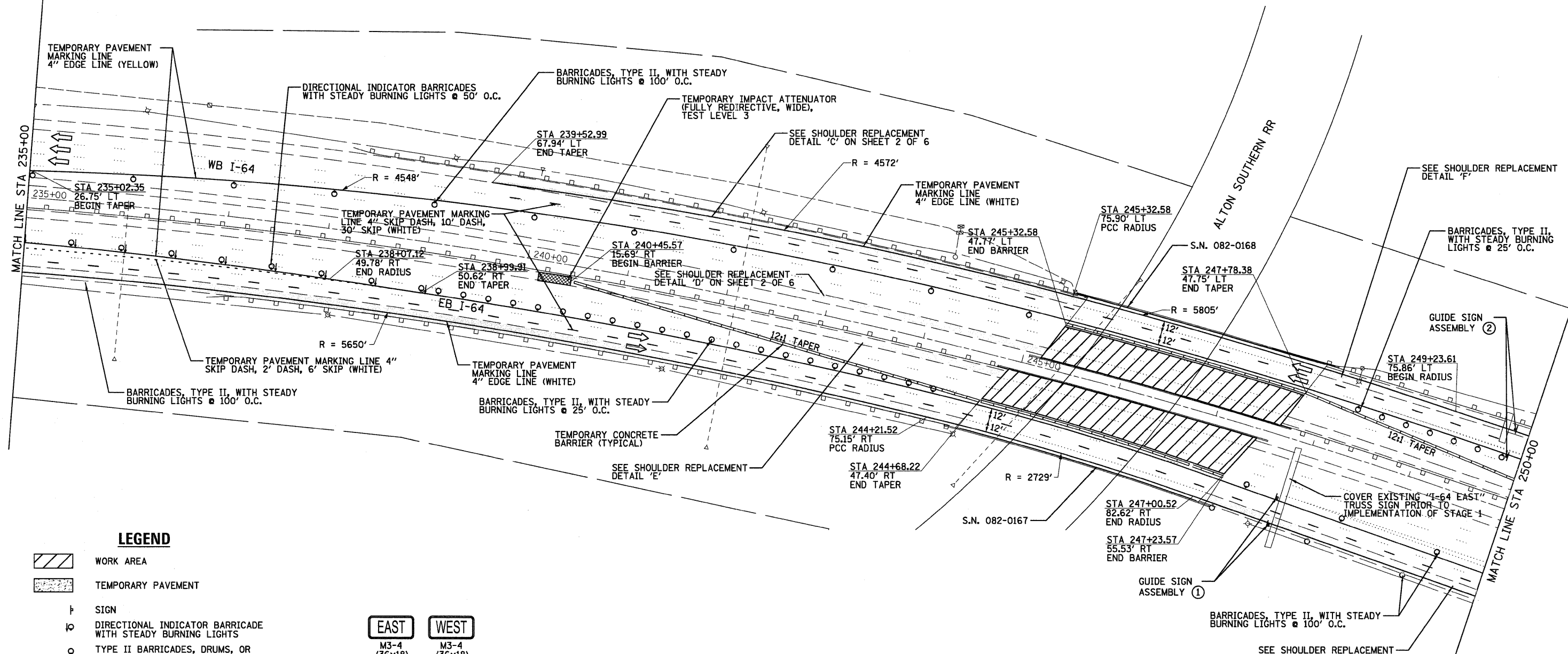
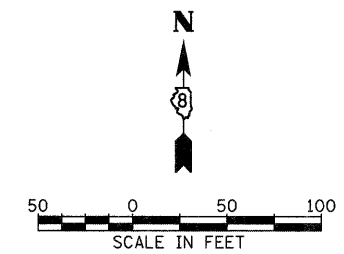
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	37
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				



SHOULDER REPLACEMENT DETAIL 'E'

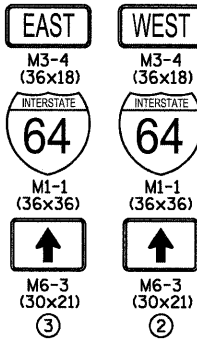


SHOULDER REPLACEMENT DETAIL 'F'



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
- TYPE III BARRICADE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)
- SHOULDER REPLACEMENT



SHOULDER REPLACEMENT DETAIL 'G'

FILE NAME = DB76415-ah-Staging1-03.dgn

USER NAME = tborrell
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 11/17/2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

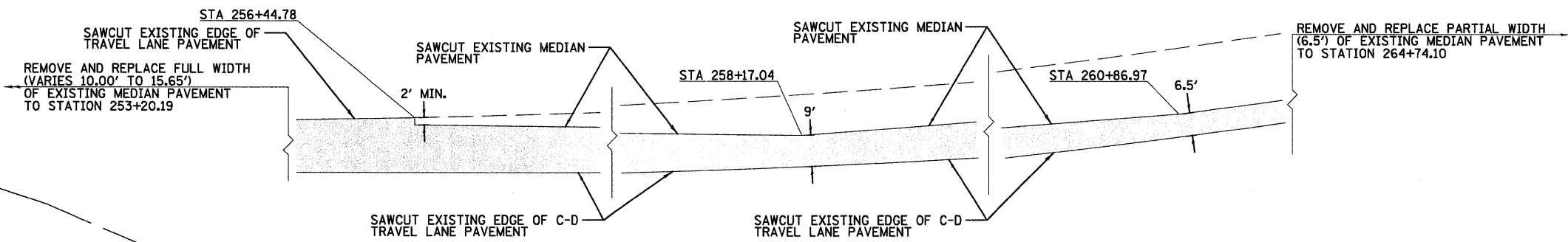
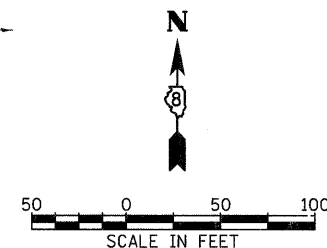
REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

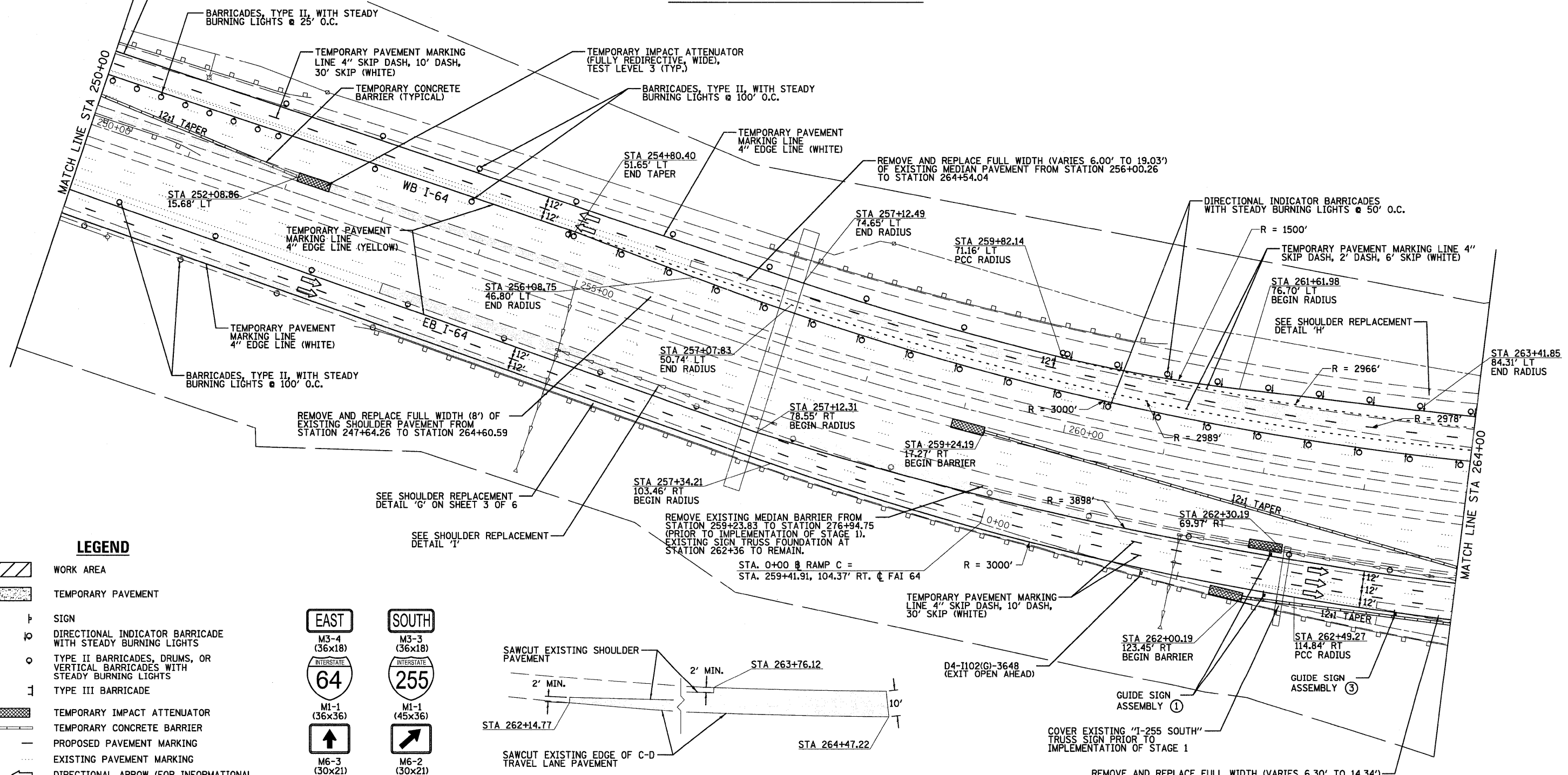
SUGGESTED STAGES OF CONSTRUCTION AND
 TRAFFIC CONTROL - STAGE 1

SCALE: 1"=50' SHEET NO. 3 OF 6 SHEETS STA. 235+00 TO STA. 250+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	38
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				

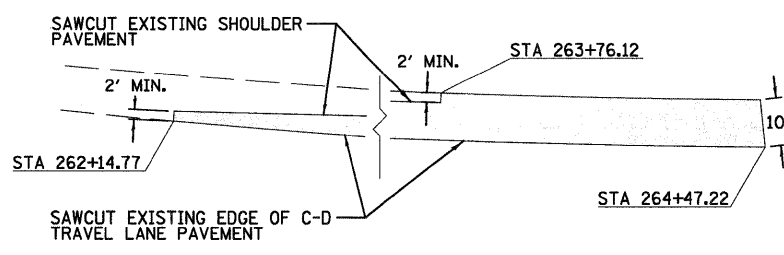
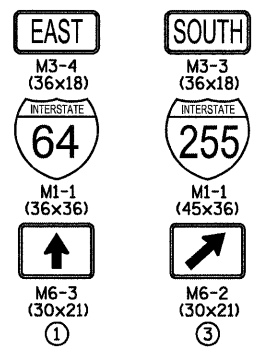


SHOULDER REPLACEMENT DETAIL 'I'



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
- TYPE III BARRICADE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)
- SHOULDER REPLACEMENT



SHOULDER REPLACEMENT DETAIL 'H'

FILE NAME = DB76415-sh-t-Staging1-04.dgn

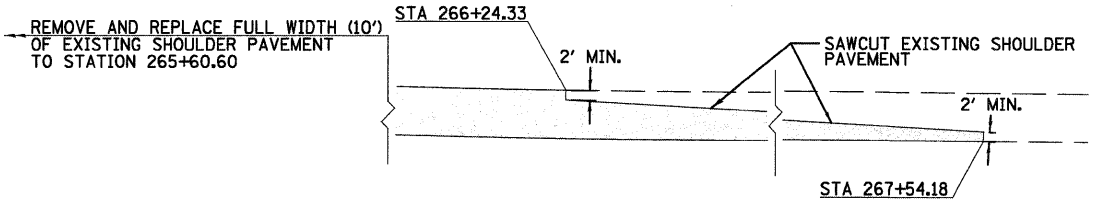
USER NAME = tbonnell	DESIGNED -	REVISED -
PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/17/2011	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

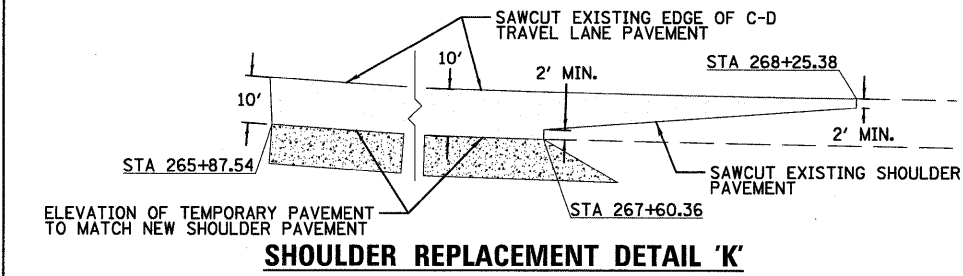
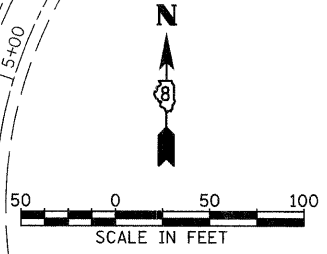
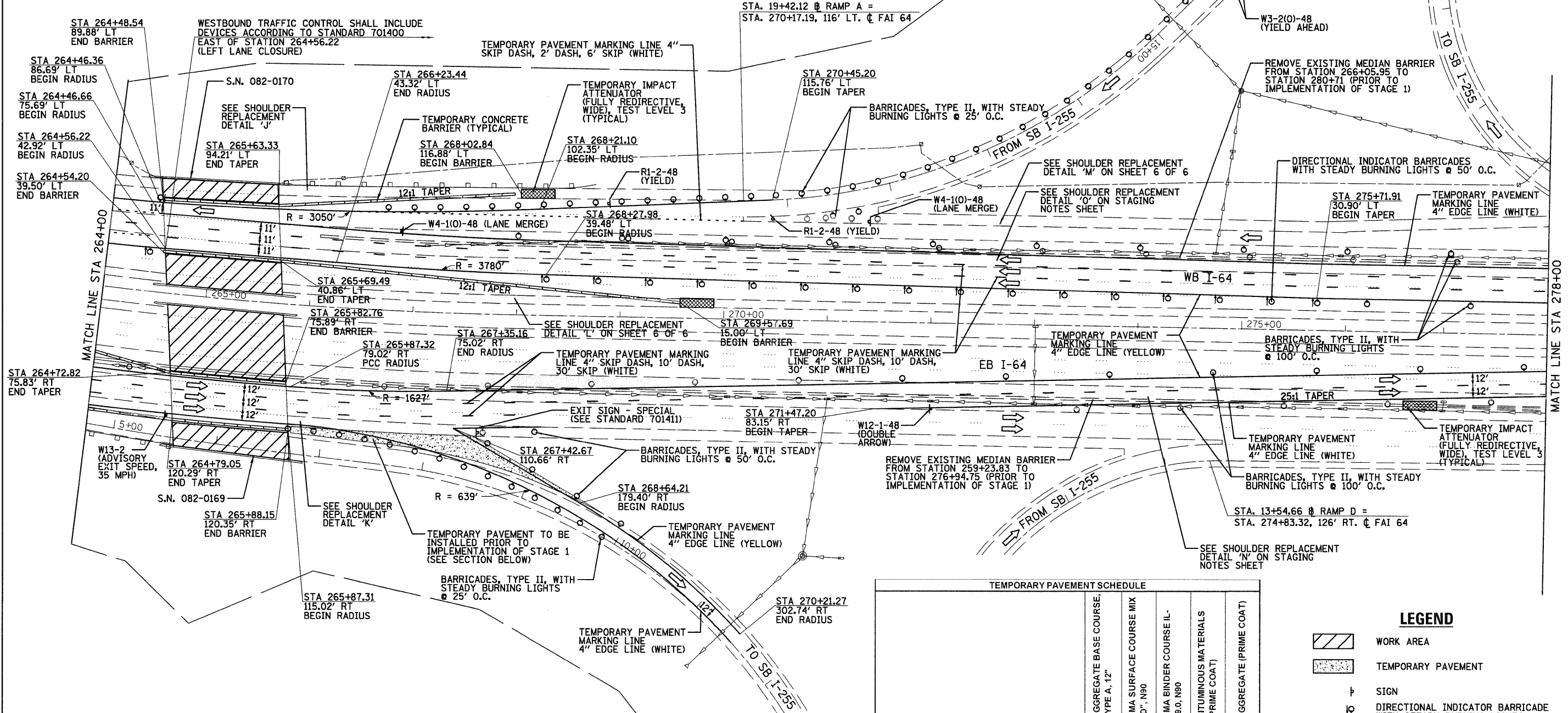
**SUGGESTED STAGES OF CONSTRUCTION AND
TRAFFIC CONTROL - STAGE 1**

SCALE: 1"=50' SHEET NO. 4 OF 6 SHEETS STA. 250+00 TO STA. 264+00

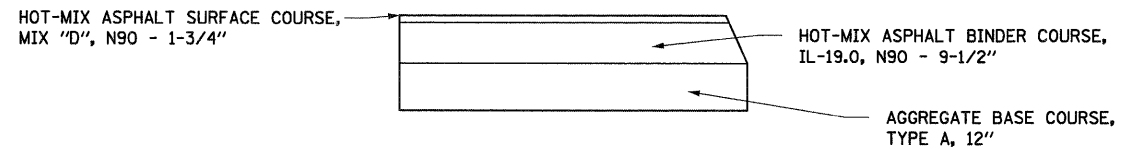
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	39
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				



SHOULDER REPLACEMENT DETAIL 'J'



SHOULDER REPLACEMENT DETAIL 'K'



TEMPORARY PAVEMENT TYPICAL SECTION

TEMPORARY PAVEMENT SCHEDULE									
STATION	OFFSET	TO	STATION	OFFSET	SQ YD	TON	TON	TON	TON
265+87.54	117.10' RT		268+87.94	189.87' RT	361	35	191	0.8	1.1
TOTAL					370	40	200	1	2

- LEGEND**
- WORK AREA
 - TEMPORARY PAVEMENT
 - SIGN
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
 - TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
 - TYPE III BARRICADE
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY CONCRETE BARRIER
 - PROPOSED PAVEMENT MARKING
 - EXISTING PAVEMENT MARKING
 - DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)
 - SHOULDER REPLACEMENT

FILE NAME =	USER NAME = tborrell	DESIGNED -	REVISED -
D876415-sh-t-staging1-05.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

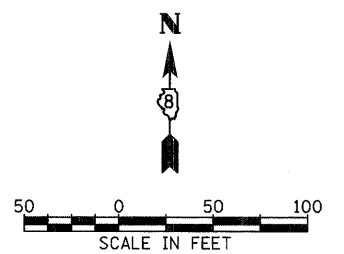
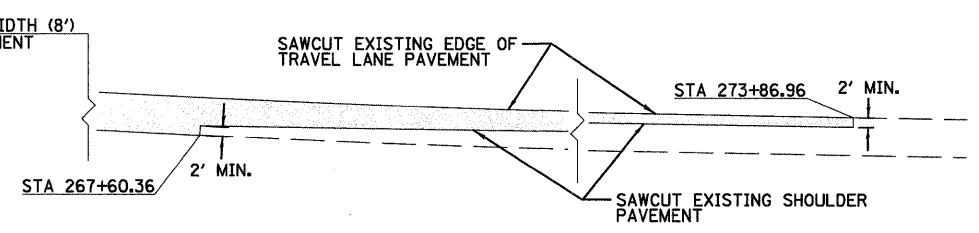
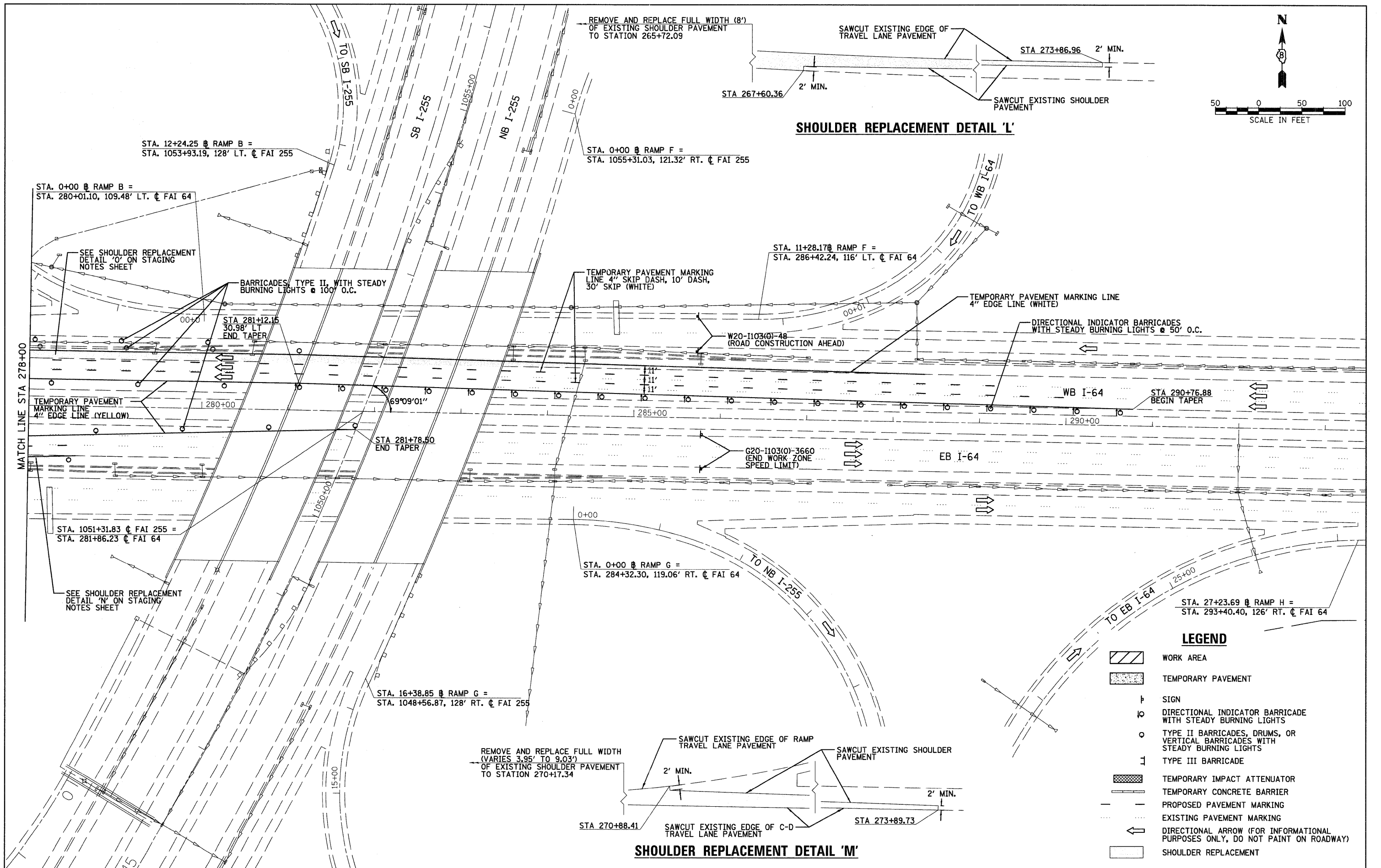
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND
TRAFFIC CONTROL - STAGE 1

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	40
CONTRACT NO. 76415				

SCALE: 1"=50' SHEET NO. 5 OF 6 SHEETS STA. 264+00 TO STA. 278+00

FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT



REMOVE AND REPLACE FULL WIDTH (8') OF EXISTING SHOULDER PAVEMENT TO STATION 265+72.09

SHOULDER REPLACEMENT DETAIL 'L'

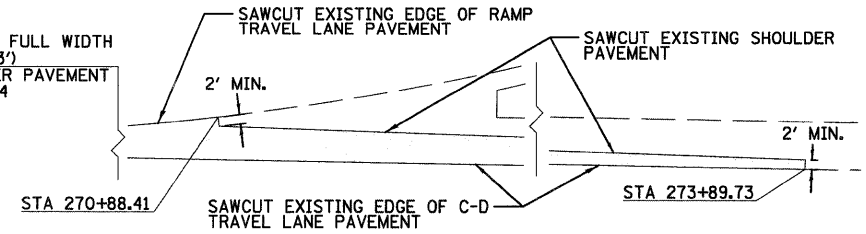
STA. 0+00 @ RAMP F =
STA. 1055+31.03, 121.32' RT. @ FAI 255

STA. 11+28.17 @ RAMP F =
STA. 286+42.24, 116' LT. @ FAI 64

STA. 0+00 @ RAMP G =
STA. 284+32.30, 119.06' RT. @ FAI 64

STA. 27+23.69 @ RAMP H =
STA. 293+40.40, 126' RT. @ FAI 64

REMOVE AND REPLACE FULL WIDTH (VARIES 3.95' TO 9.03') OF EXISTING SHOULDER PAVEMENT TO STATION 270+17.34



SHOULDER REPLACEMENT DETAIL 'M'

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
- TYPE III BARRICADE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)
- SHOULDER REPLACEMENT

FILE NAME =
DB76415-shr-Staging1-06.dgn

USER NAME = tbonnell
PLOT SCALE = 50.0000' / 1" =
PLOT DATE = 11/17/2011

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

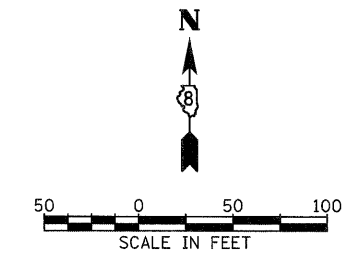
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1
SCALE: 1"=50' SHEET NO. 6 OF 6 SHEETS STA. 278+00 TO STA. 293+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	41
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				

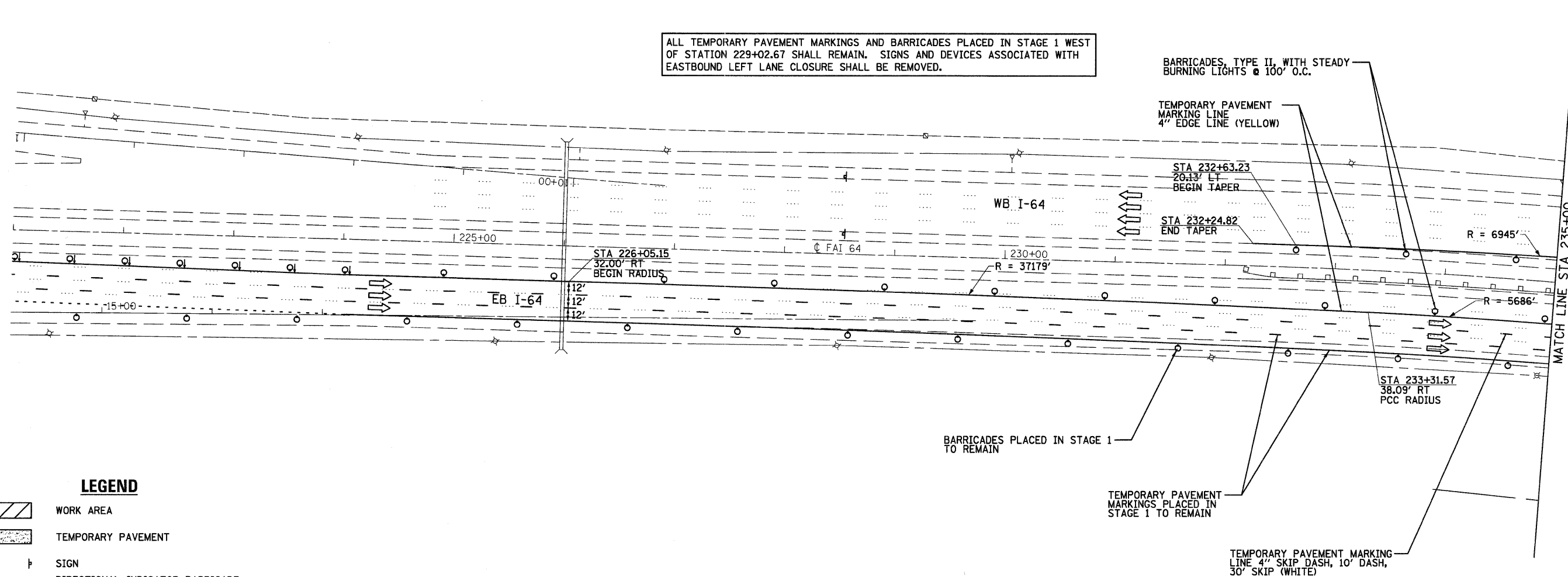
STAGE 1A TRAFFIC CONTROL ITEMS

TEMPORARY PAVEMENT MARKING - 4" LINE MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
FOOT	SQ FT
8,500	2,500

PRIOR TO STAGE 1A, REMOVE APPROXIMATELY 1355 LINEAR FEET OF TEMPORARY CONCRETE BARRIER ASSOCIATED WITH STRUCTURES 082-0167/-0168. ALSO PRIOR TO STAGE 1A, REMOVE TEMPORARY IMPACT ATTENUATORS PLACED AT STATIONS 240+45.57 AND 252+08.86 WITH STAGE 1. ALL OTHER BARRIERS AND ATTENUATORS PLACED IN STAGE 1 SHALL REMAIN.



ALL TEMPORARY PAVEMENT MARKINGS AND BARRICADES PLACED IN STAGE 1 WEST OF STATION 229+02.67 SHALL REMAIN. SIGNS AND DEVICES ASSOCIATED WITH EASTBOUND LEFT LANE CLOSURE SHALL BE REMOVED.



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
- TYPE III BARRICADE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)

FILE NAME = D876415-sh1-Staging1A-01.dgn

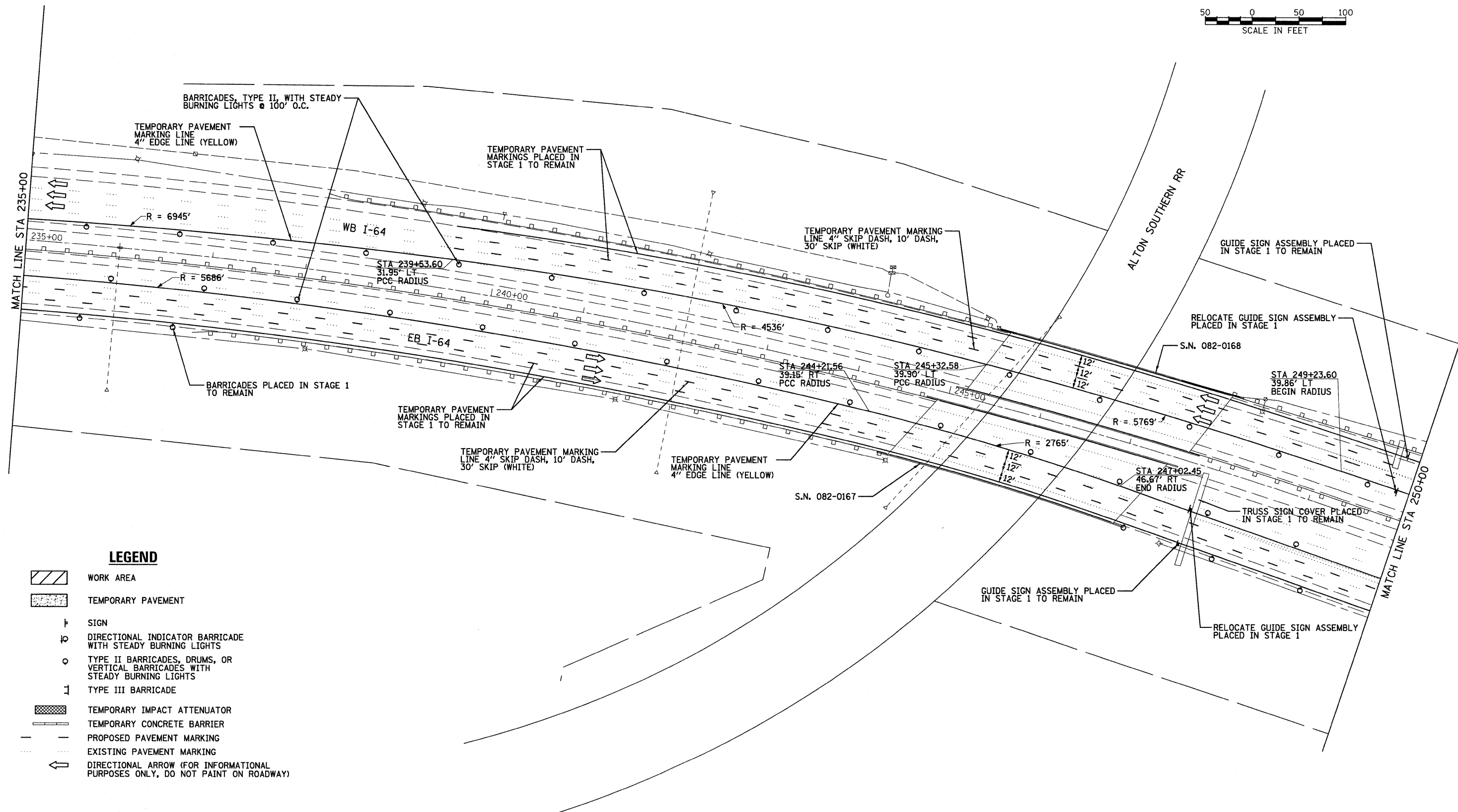
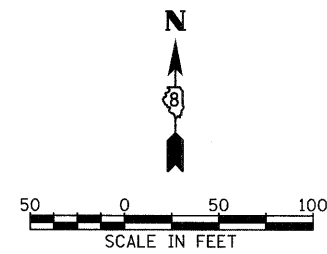
USER NAME = tbonnell	DESIGNED -	REVISED -
PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/18/2011	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1A

SCALE: 1"=50' SHEET NO. 1 OF 3 SHEETS STA. 221+00 TO STA. 235+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	42
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
- TYPE III BARRICADE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)

FILE NAME =
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PLOT SCALE = 50.0000' / in.
PLOT DATE = 11/18/2011

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DATE -

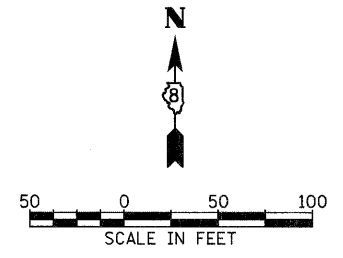
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

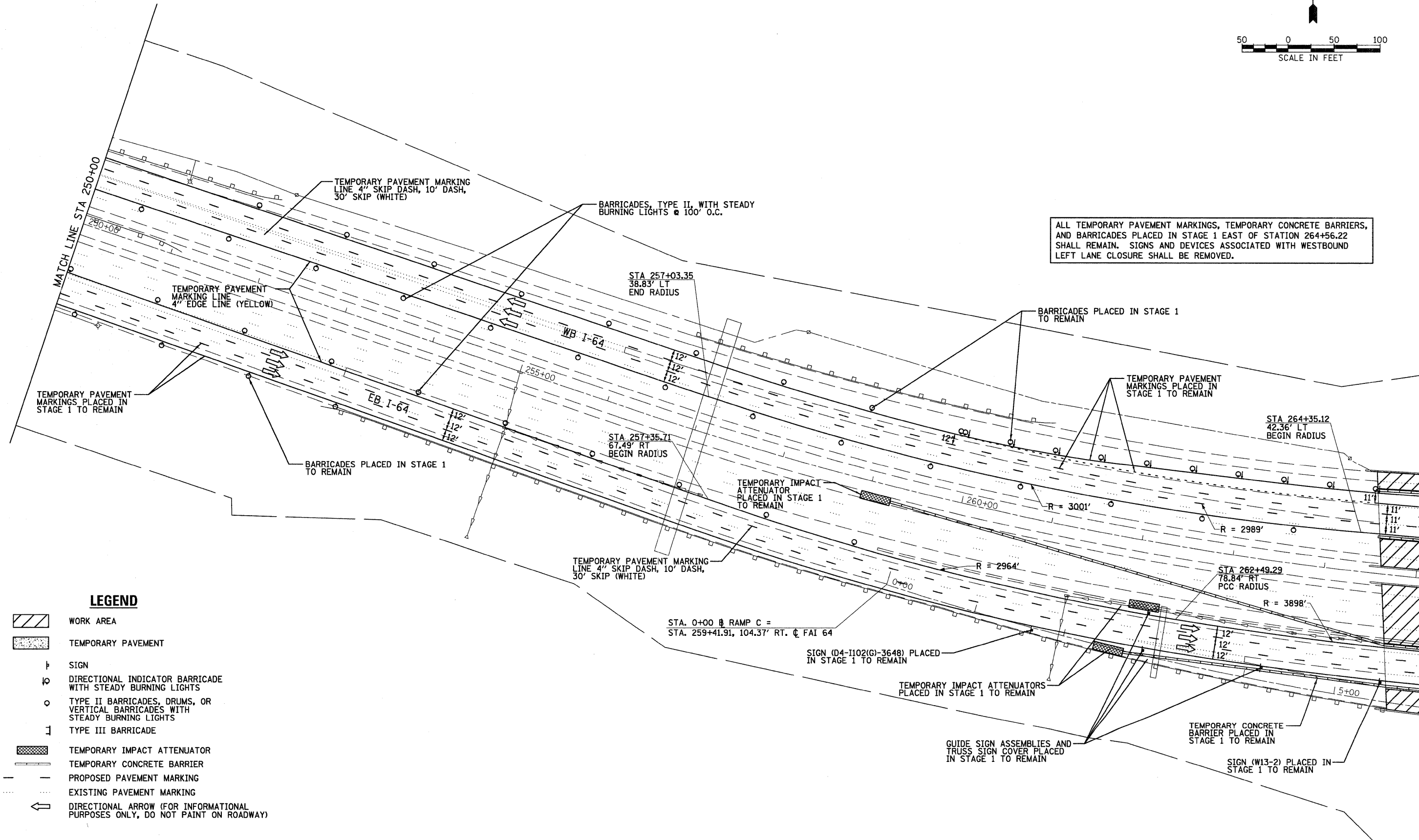
**SUGGESTED STAGES OF CONSTRUCTION AND
TRAFFIC CONTROL - STAGE 1A**

SCALE: 1"=50' SHEET NO. 2 OF 3 SHEETS STA. 235+00 TO STA. 250+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	43
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				



ALL TEMPORARY PAVEMENT MARKINGS, TEMPORARY CONCRETE BARRIERS, AND BARRICADES PLACED IN STAGE 1 EAST OF STATION 264+56.22 SHALL REMAIN. SIGNS AND DEVICES ASSOCIATED WITH WESTBOUND LEFT LANE CLOSURE SHALL BE REMOVED.



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
- TYPE III BARRICADE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)

FILE NAME =
D87641B-sht-Staging1A-03.dgn

USER NAME = tborrell
PLOT SCALE = 50.0000' / in.
PLOT DATE = 11/18/2011

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

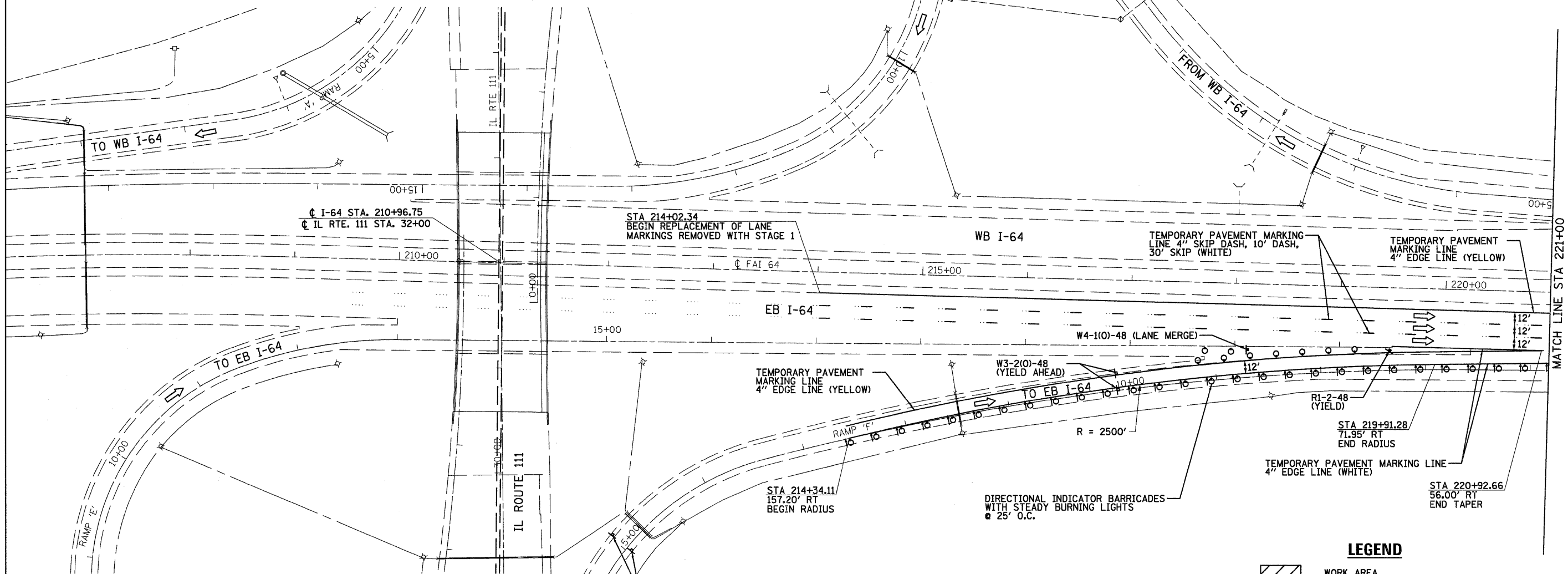
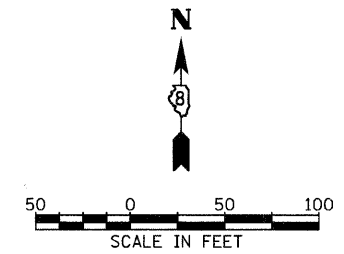
**SUGGESTED STAGES OF CONSTRUCTION AND
TRAFFIC CONTROL - STAGE 1A**

SCALE: 1"=50' SHEET NO. 3 OF 3 SHEETS STA. 250+00 TO STA. 264+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	44
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				

STAGE 2 TRAFFIC CONTROL ITEMS

TEMPORARY PAVEMENT MARKING - 4" LINE MARKING	TEMPORARY PAVEMENT MARKING - 8" LINE MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	TEMPORARY CONCRETE BARRIER
FOOT	FOOT	SQ FT	FOOT	EACH	FOOT
41,500	2,400	10,600	1,925	4	1,325



BARRIER SCHEDULE - STAGE 2

STATION	OFFSET	TO	STATION	OFFSET	TEMPORARY CONCRETE BARRIER FEET	RELOCATE TEMPORARY CONCRETE BARRIER FEET
240+21.00	73.18' RT		244+70.54	41.54' RT	445	
244+70.54	41.54' RT		247+27.00	49.70' RT	255	
245+25.62	42.08' LT		247+77.24	42.00' LT	255	
247+77.24	42.00' LT		252+31.76	83.08' LT		460
258+30.23	70.92' RT		264+79.66	126.05' RT		645
264+79.66	126.05' RT		265+90.62	126.10' RT		115
263+17.84	102.79' LT		264+32.25	110.03' LT		110
264+48.34	93.63' LT		265+62.77	97.95' LT		110
265+62.77	97.95' LT		269+40.00	67.91' LT		375
264+56.65	36.00' LT		265+69.70	37.10' LT		110
265+69.70	37.10' LT		269+40.00	67.91' LT		370
STAGE 2 TOTAL					1,325	1,925

ATTENUATOR SCHEDULE - STAGE 2

LOCATION FROM STAGE 1A		NEW LOCATION		IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3
STATION	OFFSET	STATION	OFFSET	EACH
259+24.19	17.27' RT	240+21.00	73.18' RT	1
262+00.19	123.45' RT	252+31.76	83.08' LT	1
268+02.84	116.88' LT	258+30.23	94.04' RT	1
269+57.69	15.00' LT	269+40.00	67.91' LT	1
STAGE 2 TOTAL				4

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
- TYPE III BARRICADE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)

FILE NAME = D876415-sht-Staging2-01.dgn

USER NAME = tbonnell
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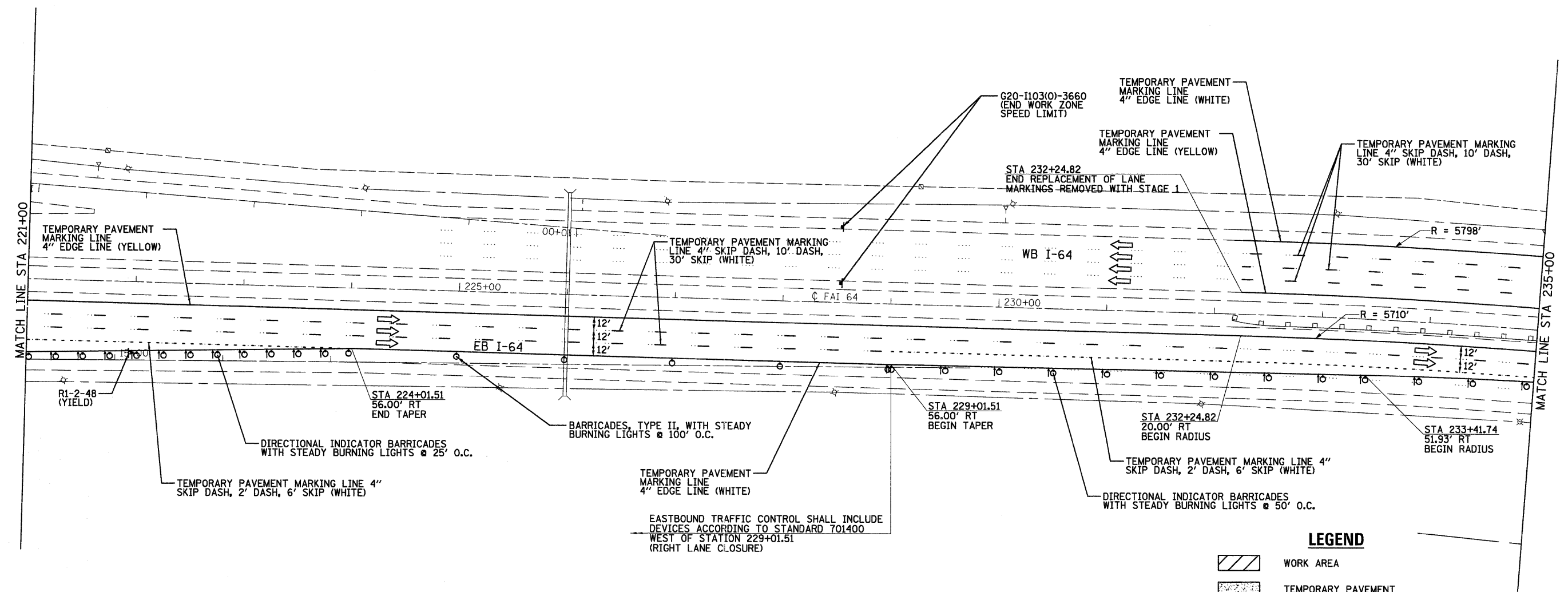
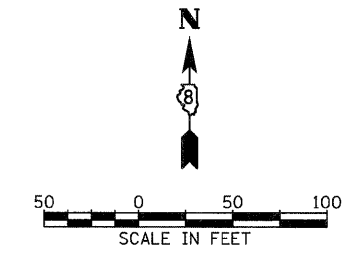
DESIGNED -
 DRAWN -
 CHECKED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 2
 SCALE: 1"=50'
 SHEET NO. 1 OF 6 SHEETS
 STA. 207+00 TO STA. 221+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	45
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				

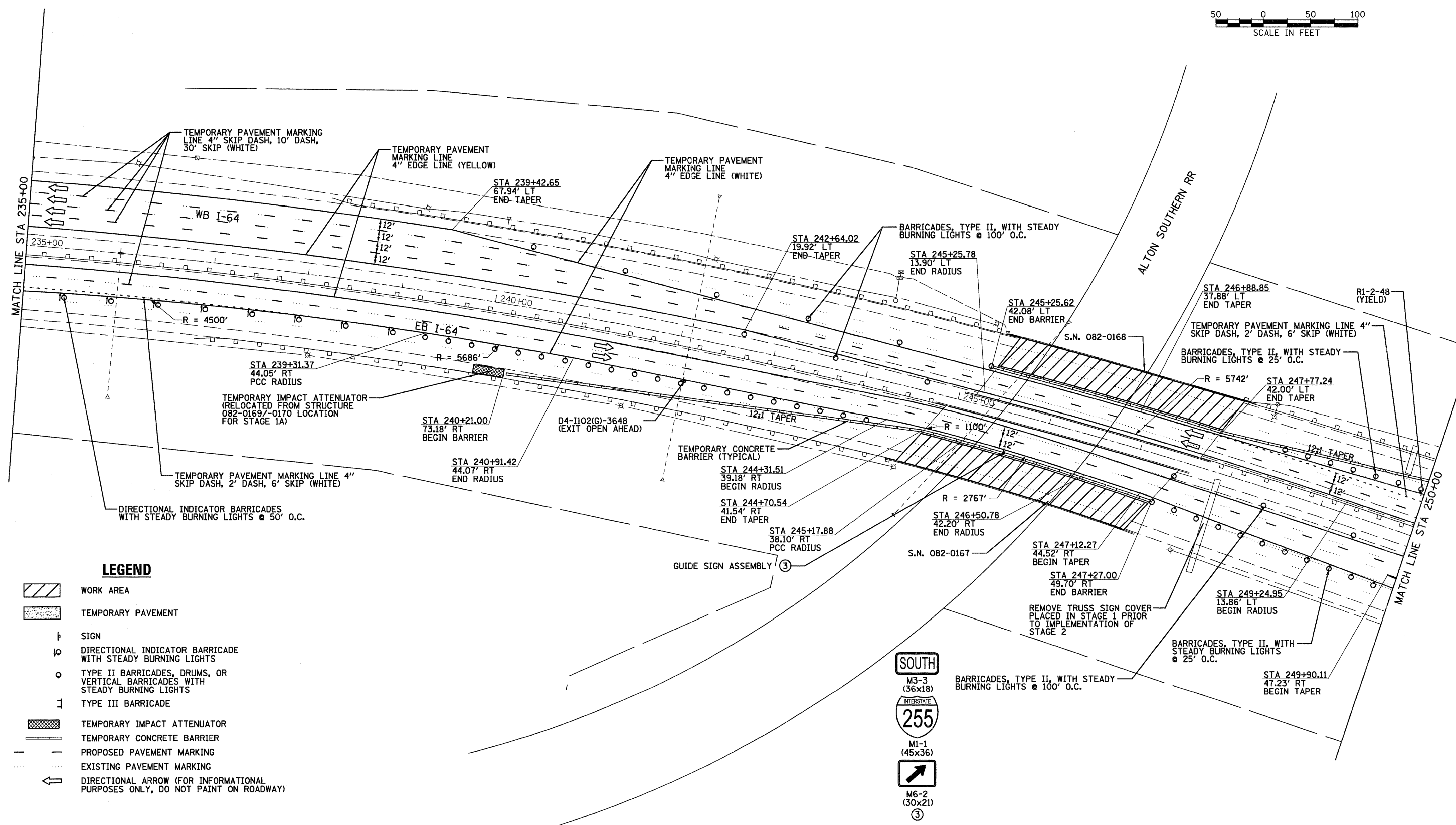
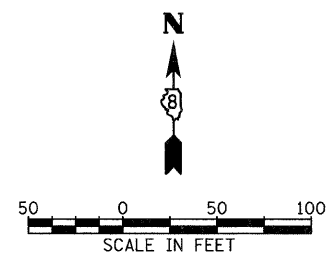


LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
- TYPE III BARRICADE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)

EASTBOUND TRAFFIC CONTROL SHALL INCLUDE DEVICES ACCORDING TO STANDARD 701400 WEST OF STATION 229+01.51 (RIGHT LANE CLOSURE)

FILE NAME = DB76415-ah-Stage2-82.dgn	USER NAME = tbonnell	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 2			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED -					64	82-(3,4)RS	ST. CLAIR	167	46
	PLOT DATE = 11/18/2011	CHECKED -	REVISED -					CONTRACT NO. 76415				
				SCALE: 1"=50' SHEET NO. 2 OF 6 SHEETS STA. 221+00 TO STA. 235+00			FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT					



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
- TYPE III BARRICADE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)



FILE NAME = D876415-ht-Staging2-83.dgn

USER NAME = tbonnell
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 11/18/2011

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

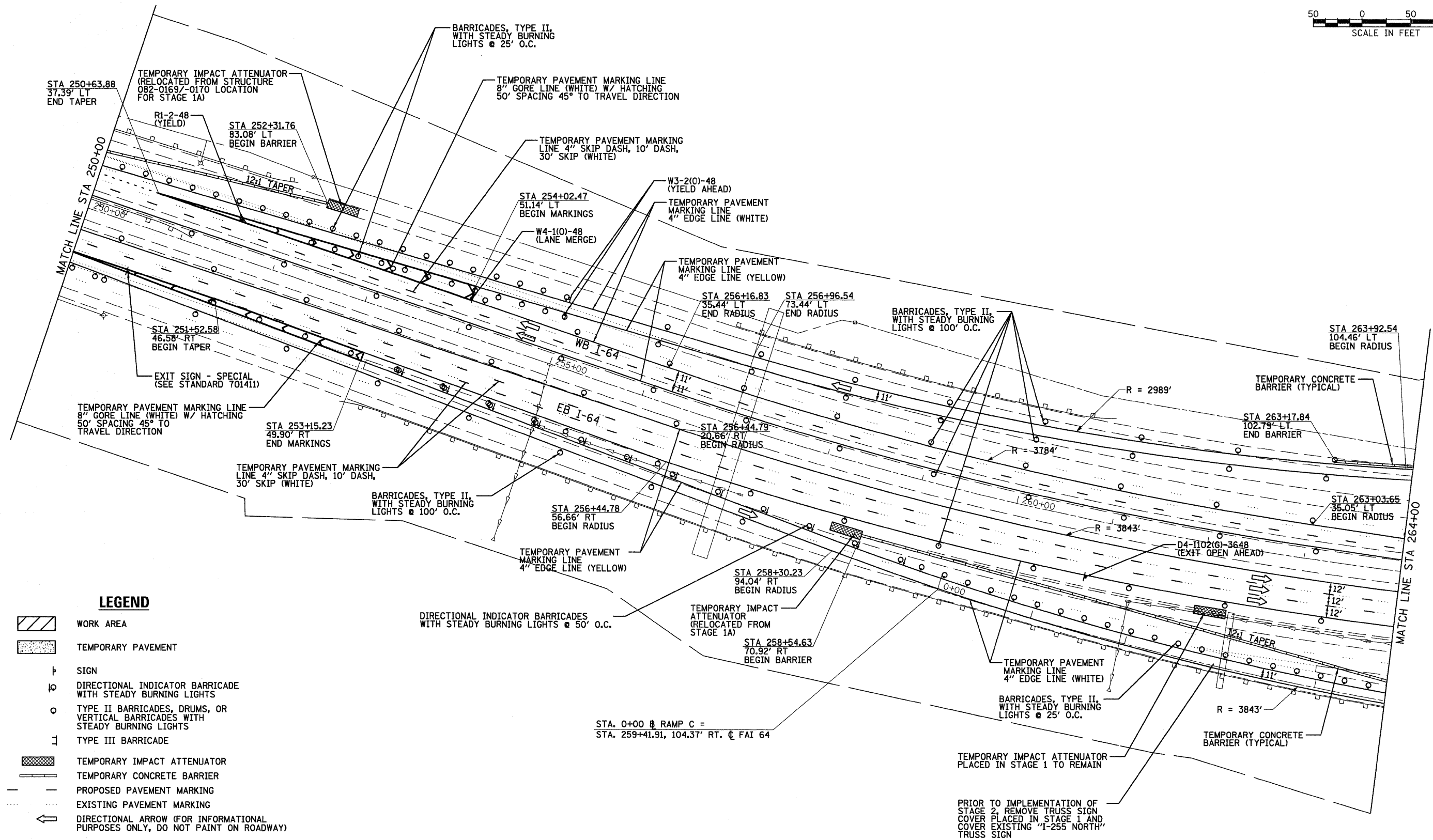
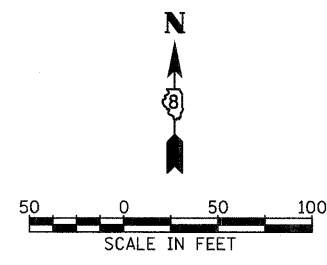
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND
 TRAFFIC CONTROL - STAGE 2**












SCALE: 1"=50' SHEET NO. 3 OF 6 SHEETS STA. 235+00 TO STA. 250+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	47
CONTRACT NO. 76415				

FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT



LEGEND

-  WORK AREA
-  TEMPORARY PAVEMENT
-  SIGN
-  DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
-  TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
-  TYPE III BARRICADE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  PROPOSED PAVEMENT MARKING
-  EXISTING PAVEMENT MARKING
-  DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)

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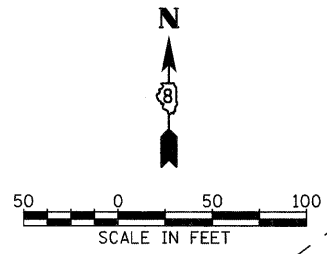
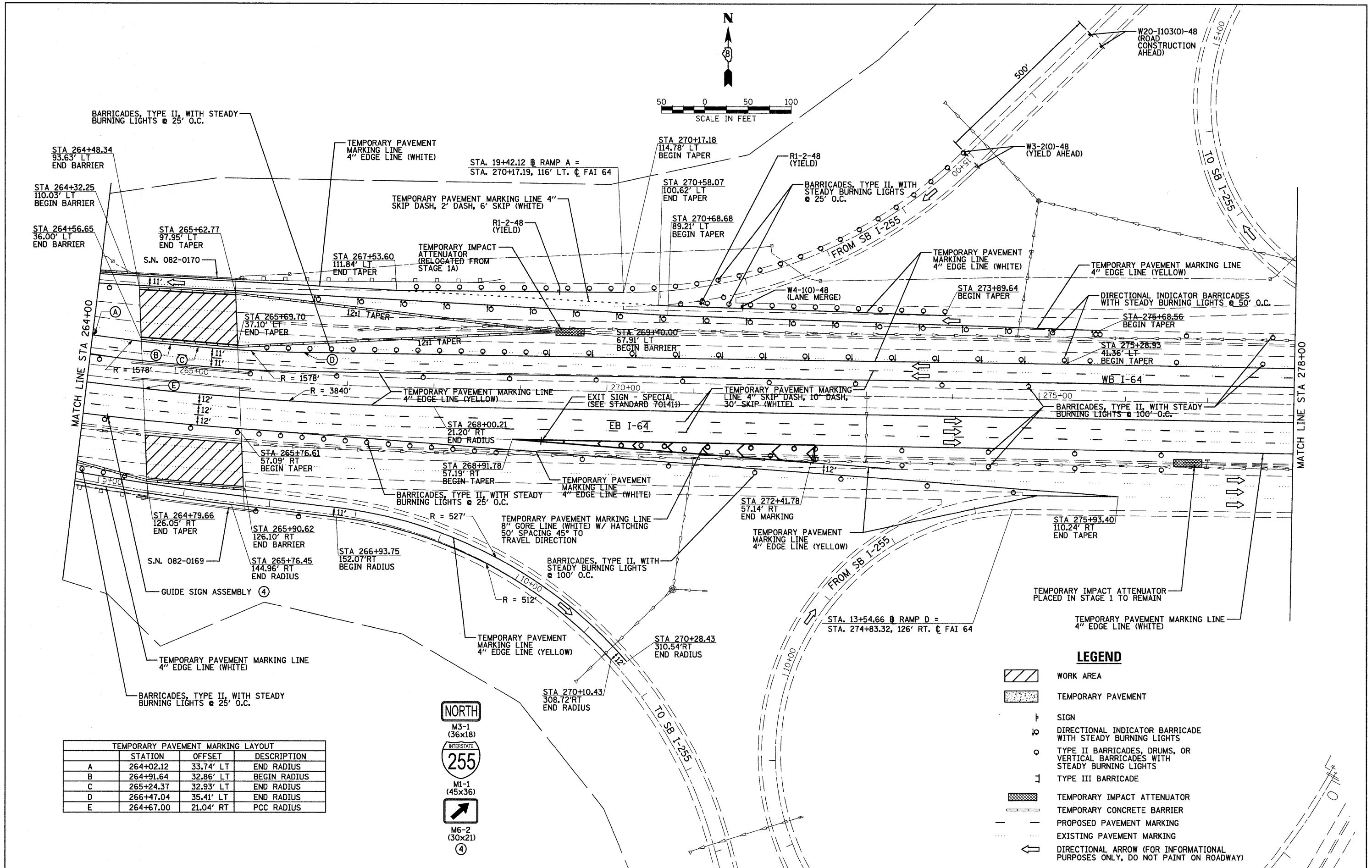
USER NAME = tbonnell	DESIGNED -	REVISED -
PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/18/2011	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND
TRAFFIC CONTROL - STAGE 2**

SCALE: 1"=50' SHEET NO. 4 OF 6 SHEETS STA. 250+00 TO STA. 264+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	48
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				



TEMPORARY PAVEMENT MARKING LAYOUT			
STATION	OFFSET	DESCRIPTION	
A	264+02.12	33.74' LT	END RADIUS
B	264+91.64	32.86' LT	BEGIN RADIUS
C	265+24.37	32.93' LT	END RADIUS
D	266+47.04	35.41' LT	END RADIUS
E	264+67.00	21.04' RT	PCC RADIUS



- LEGEND**
- WORK AREA
 - TEMPORARY PAVEMENT
 - SIGN
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
 - TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
 - TYPE III BARRICADE
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY CONCRETE BARRIER
 - PROPOSED PAVEMENT MARKING
 - EXISTING PAVEMENT MARKING
 - DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)

FILE NAME = D876415-ah1-Staging2-05.dgn

USER NAME = tbonnell
 PLOT SCALE = 50.0000' / 1" =
 PLOT DATE = 11/18/2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

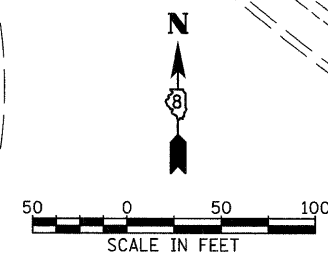
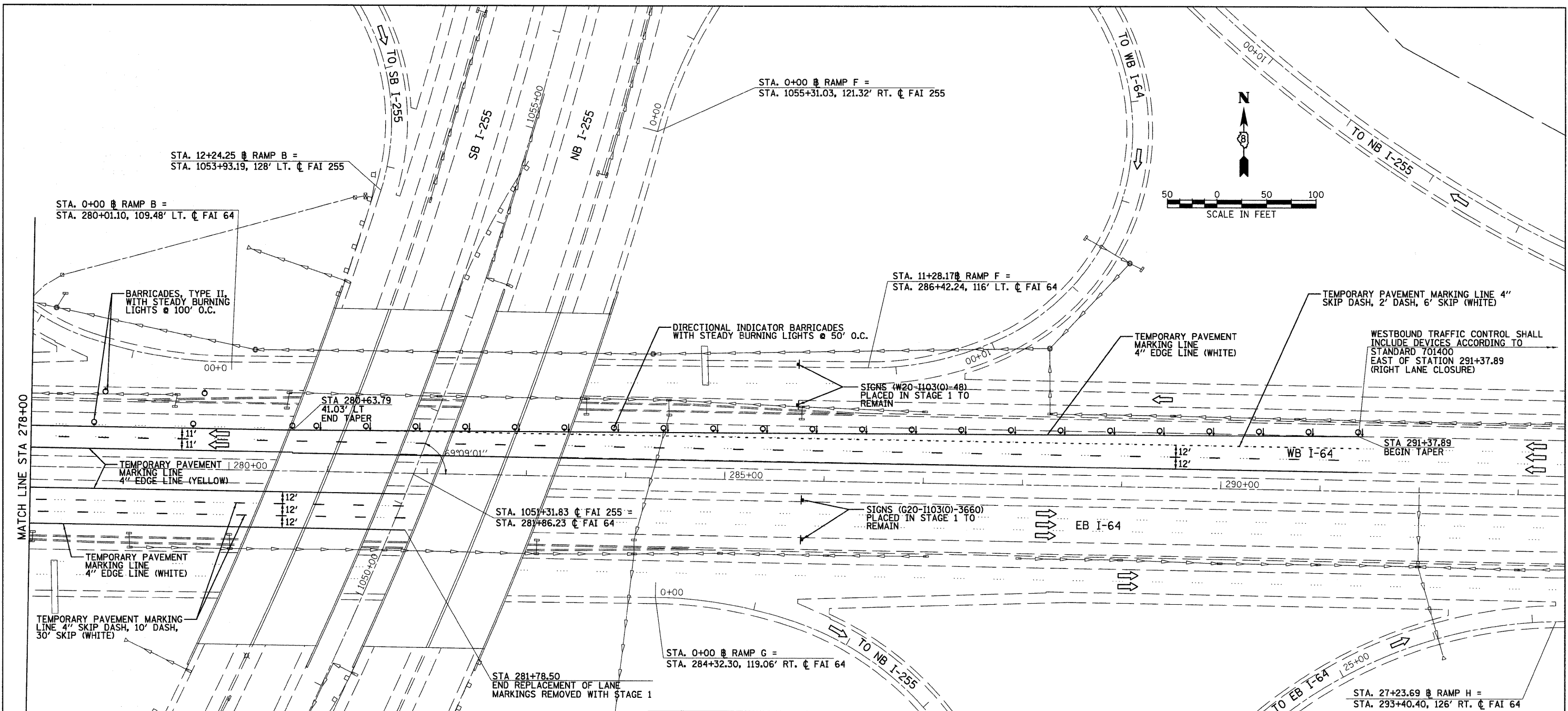
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND
 TRAFFIC CONTROL - STAGE 2**

SCALE: 1"=50' SHEET NO. 5 OF 6 SHEETS STA. 264+00 TO STA. 278+00

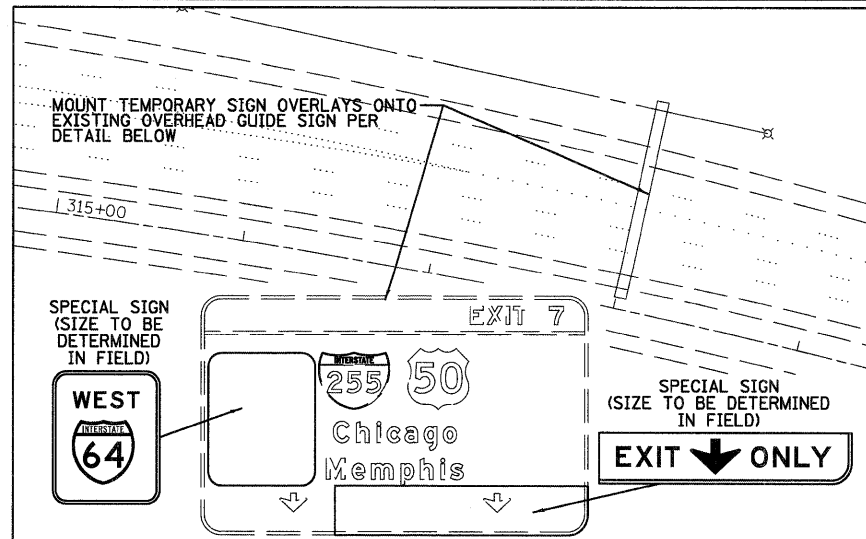
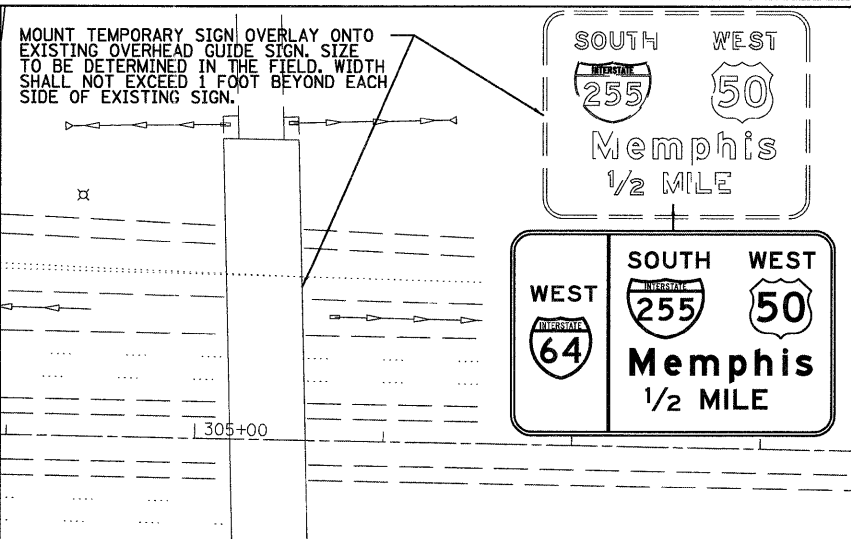
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-13,4RS	ST. CLAIR	167	49
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				



MATCH LINE STA 278+00

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
- TYPE III BARRICADE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)



FILE NAME =	USER NAME = tborrell	DESIGNED -	REVISED -
D876415-shit-Staging2-06.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND
TRAFFIC CONTROL - STAGE 2**

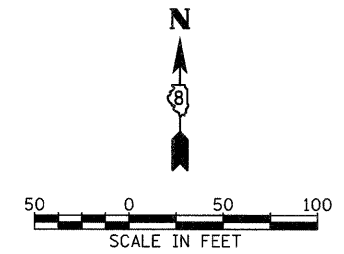
SCALE: 1"=50' SHEET NO. 6 OF 6 SHEETS STA. 278+00 TO STA. 293+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	50
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				

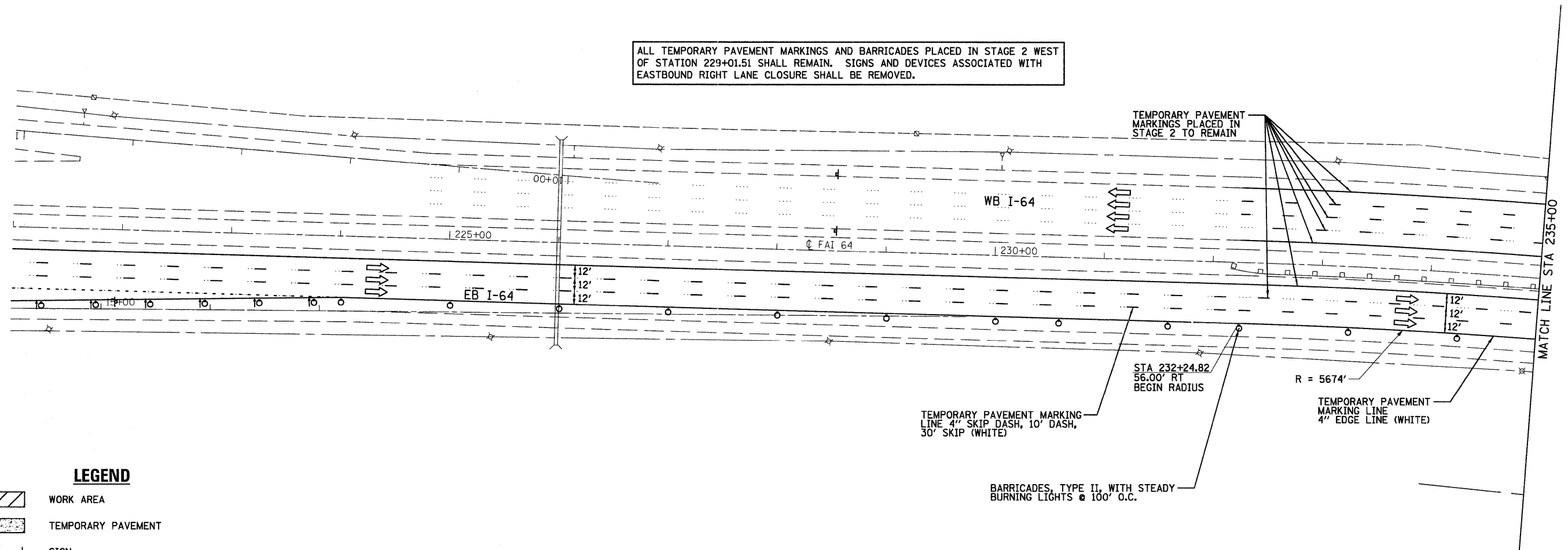
STAGE 2A TRAFFIC CONTROL ITEMS

TEMPORARY PAVEMENT MARKING - 4" LINE MARKING	TEMPORARY PAVEMENT MARKING - 8" LINE MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
FOOT	FOOT	SQ FT
7,900	1,600	2,600

PRIOR TO STAGE 2A, REMOVE APPROXIMATELY 1415 LINEAR FEET OF TEMPORARY CONCRETE BARRIER ASSOCIATED WITH STRUCTURES 082-0167/-0168. ALSO PRIOR TO STAGE 2A, REMOVE TEMPORARY IMPACT ATTENUATORS PLACED AT STATIONS 240+21.00 AND 252+31.76 WITH STAGE 2. ALL OTHER BARRIERS AND ATTENUATORS PLACED IN STAGE 2 OR PREVIOUS STAGES SHALL REMAIN.



ALL TEMPORARY PAVEMENT MARKINGS AND BARRICADES PLACED IN STAGE 2 WEST OF STATION 229+01.51 SHALL REMAIN. SIGNS AND DEVICES ASSOCIATED WITH EASTBOUND RIGHT LANE CLOSURE SHALL BE REMOVED.



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
- TYPE III BARRICADE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)

FILE NAME =
DB76415-sht-Staging2A-01.dgn

USER NAME = tbonnell

DESIGNED -

REVISED -

DRAWN -

REVISED -

PLOT SCALE = 50.0000' / in.

CHECKED -

REVISED -

PLOT DATE = 11/18/2011

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND
TRAFFIC CONTROL - STAGE 2A

SCALE: 1"=50'

SHEET NO. 1 OF 3 SHEETS

STA. 221+00 TO STA. 235+00

F.A.I.
RTE.

64

SECTION

82-(3,4)RS

COUNTY

ST. CLAIR

TOTAL SHEETS

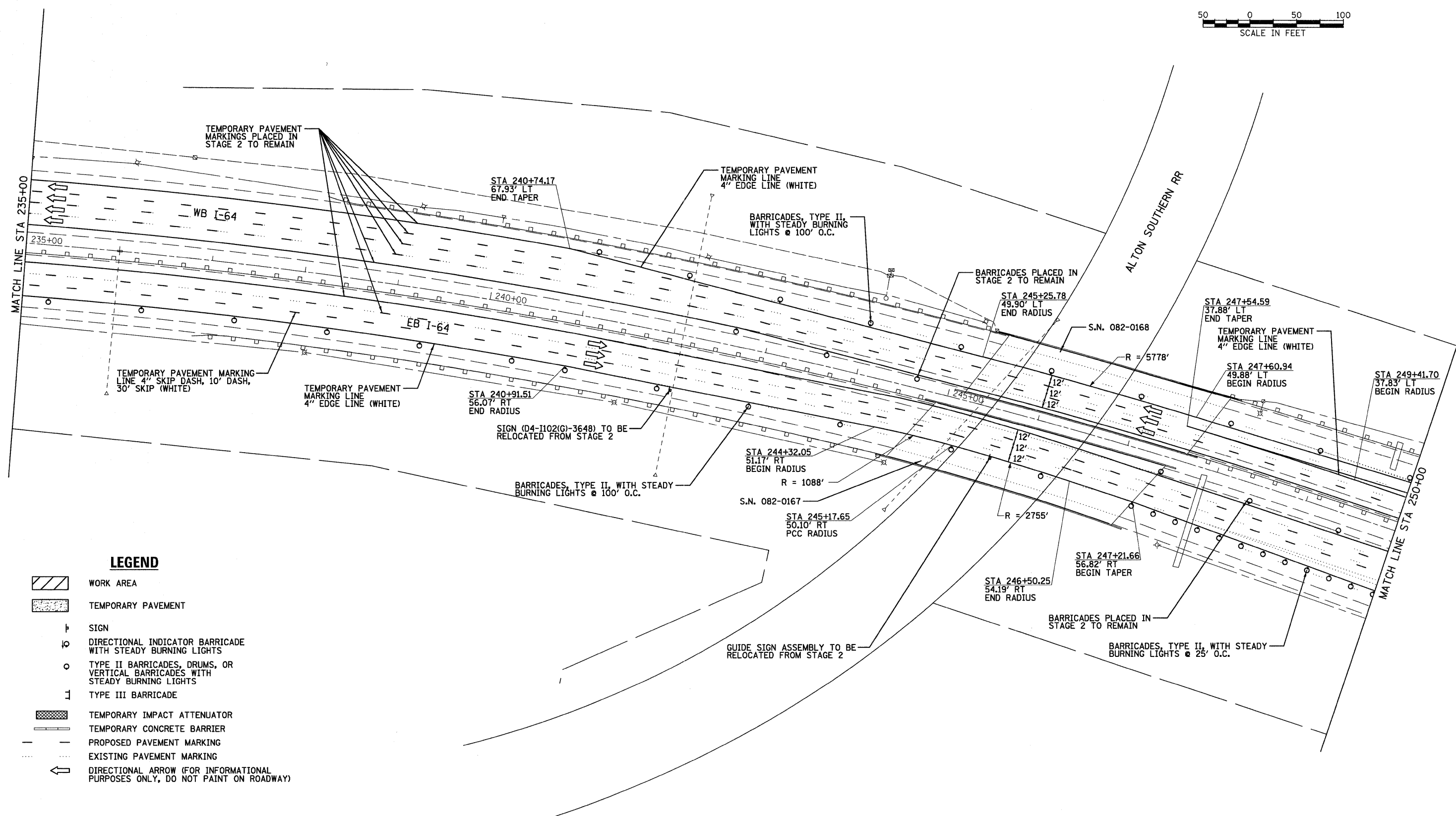
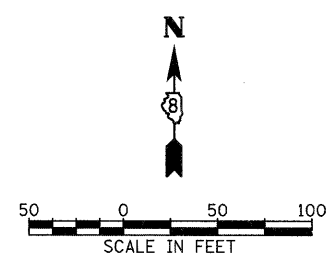
167

SHEET NO.

51

CONTRACT NO. 76415

FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
- TYPE III BARRICADE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)

FILE NAME = D876415-sht-Staging2A-02.dgn

USER NAME = tbonnell
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 11/18/2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

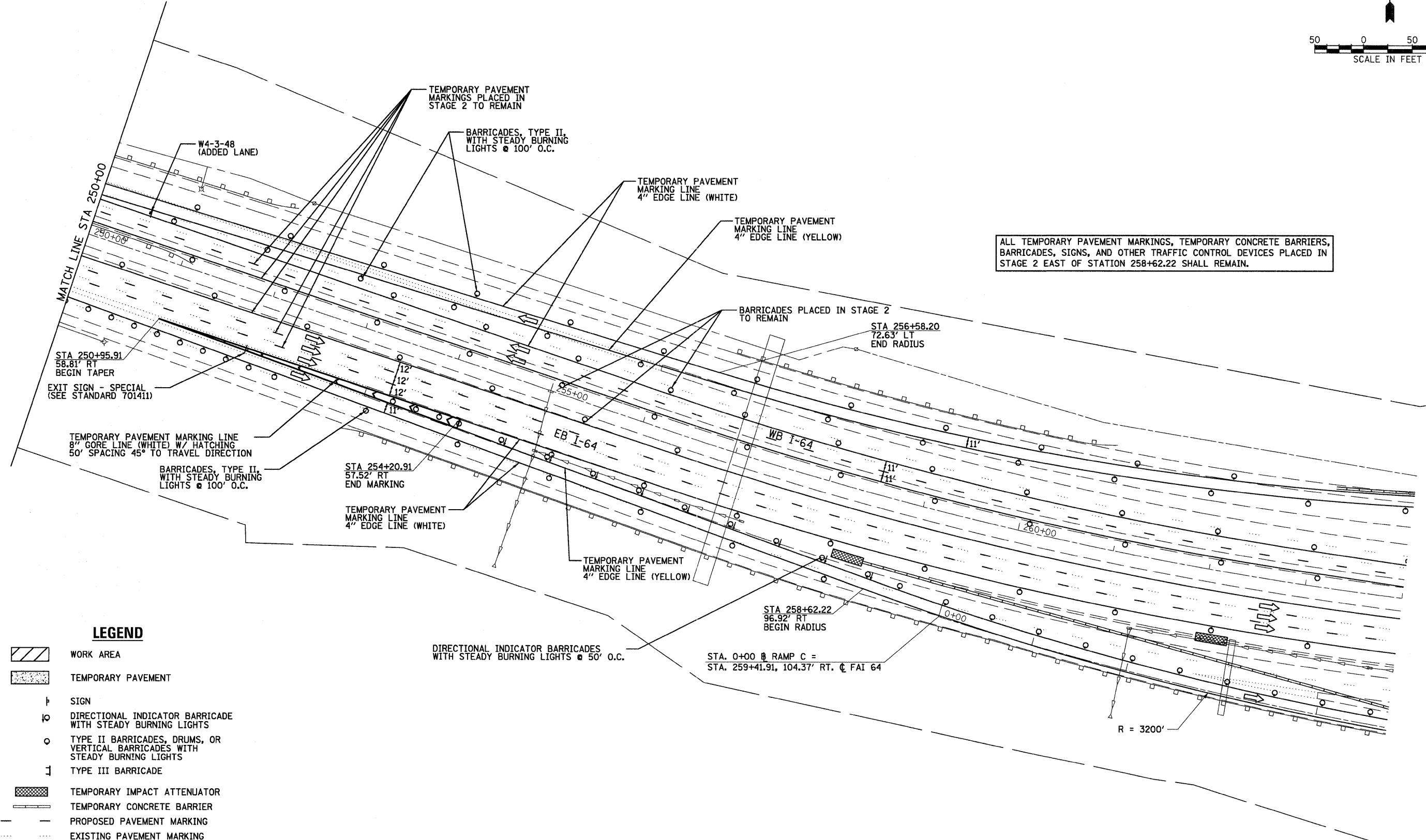
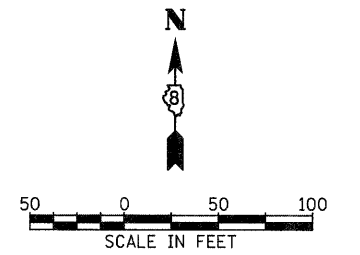
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND
 TRAFFIC CONTROL - STAGE 2A**

SCALE: 1"=50' SHEET NO. 2 OF 3 SHEETS STA. 235+00 TO STA. 250+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	52
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				



ALL TEMPORARY PAVEMENT MARKINGS, TEMPORARY CONCRETE BARRIERS, BARRICADES, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES PLACED IN STAGE 2 EAST OF STATION 258+62.22 SHALL REMAIN.

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH STEADY BURNING LIGHTS
- TYPE III BARRICADE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- PROPOSED PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- DIRECTIONAL ARROW (FOR INFORMATIONAL PURPOSES ONLY, DO NOT PAINT ON ROADWAY)

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USER NAME = cborrell
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 11/18/2011

DESIGNED -
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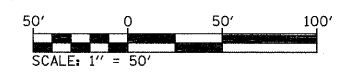
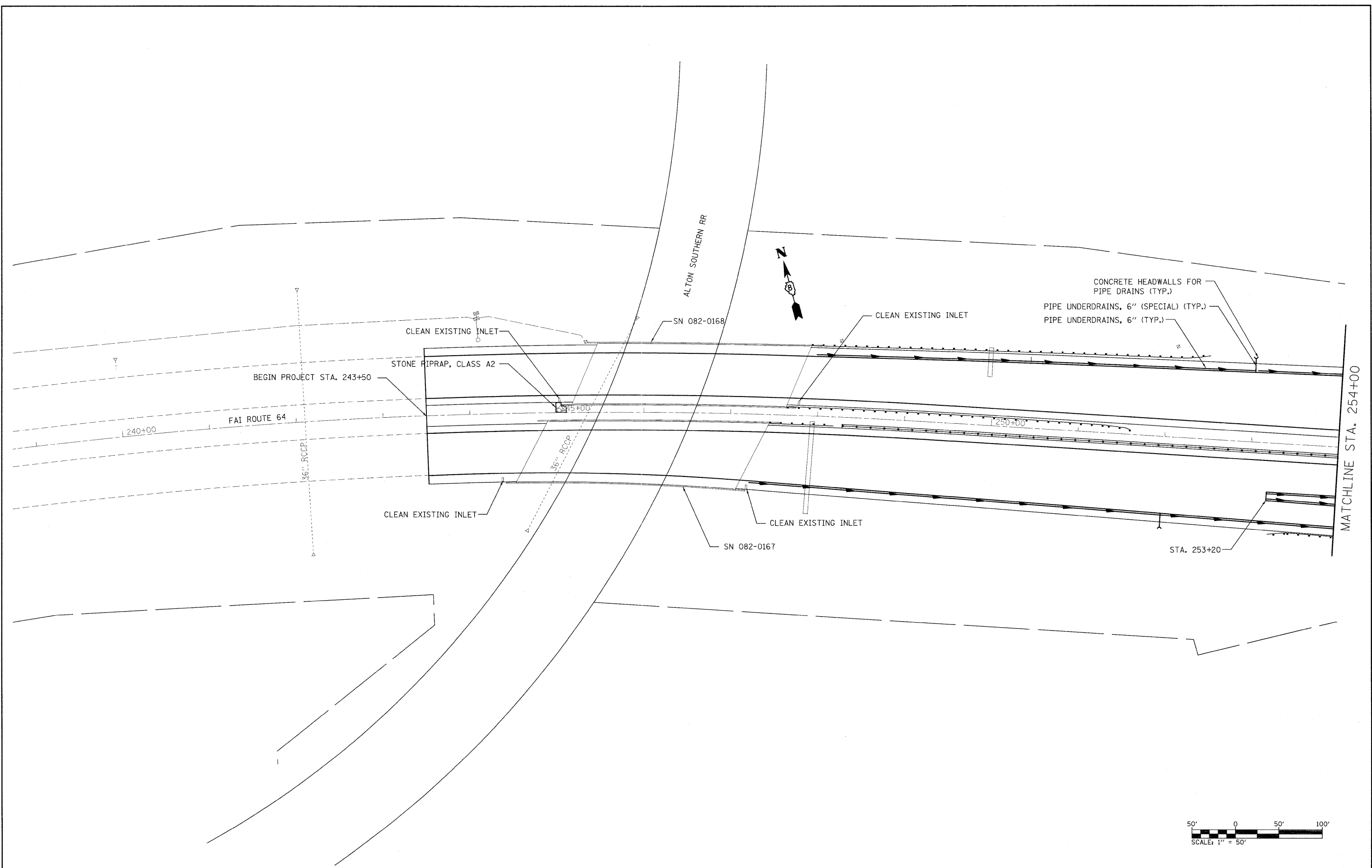
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND
 TRAFFIC CONTROL - STAGE 2A**

SCALE: 1"=50' SHEET NO. 3 OF 3 SHEETS STA. 250+00 TO STA. 264+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	53
CONTRACT NO. 76415				
FED. ROAD DISTRICT 8 ILLINOIS FED. AID PROJECT				



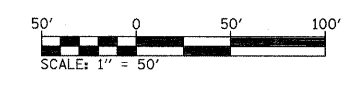
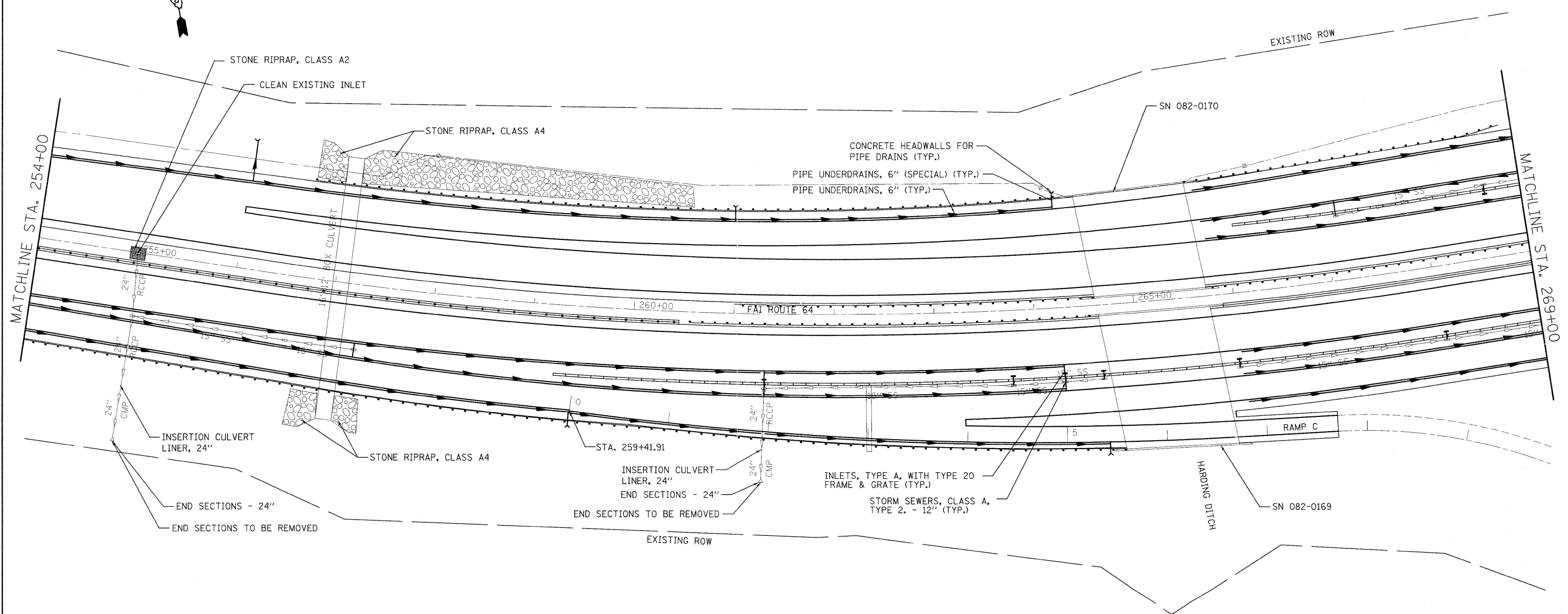
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PLOT SCALE = 50.0000' / 1"		CHECKED -	REVISD -
PLOT DATE = 11/10/2011		DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SHEET		
SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	54
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

CONTRACT NO. 76415

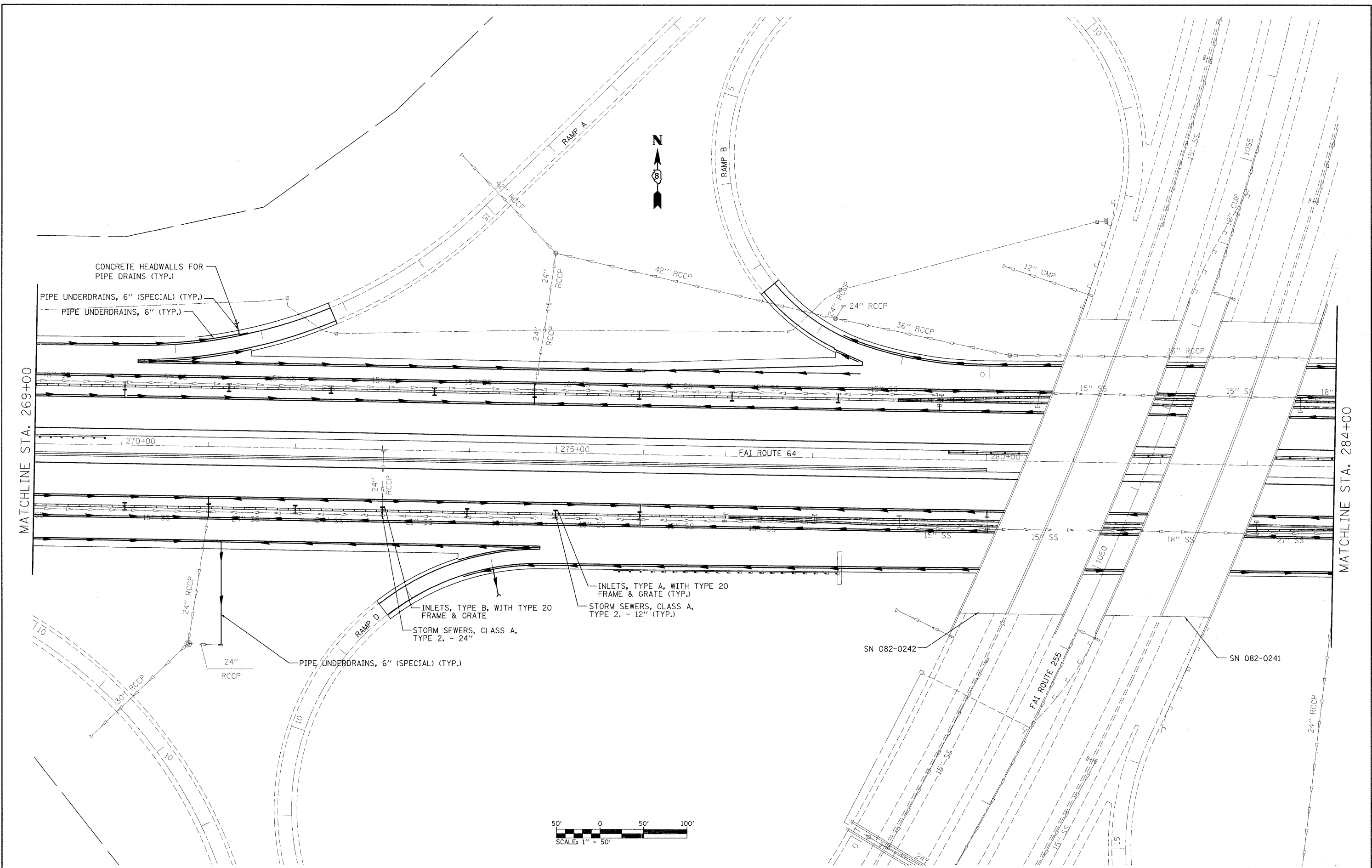


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PLOT DATE = 11/10/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SHEET	
SCALE: _____	SHEET NO. ____ OF ____ SHEETS
STA. _____	TO STA. _____

F.A.I. RTE. 64	SECTION 82-(3,4)RS	COUNTY ST. CLAIR	TOTAL SHEETS 167	SHEET NO. 55
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76415				



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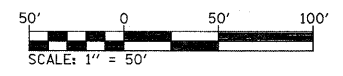
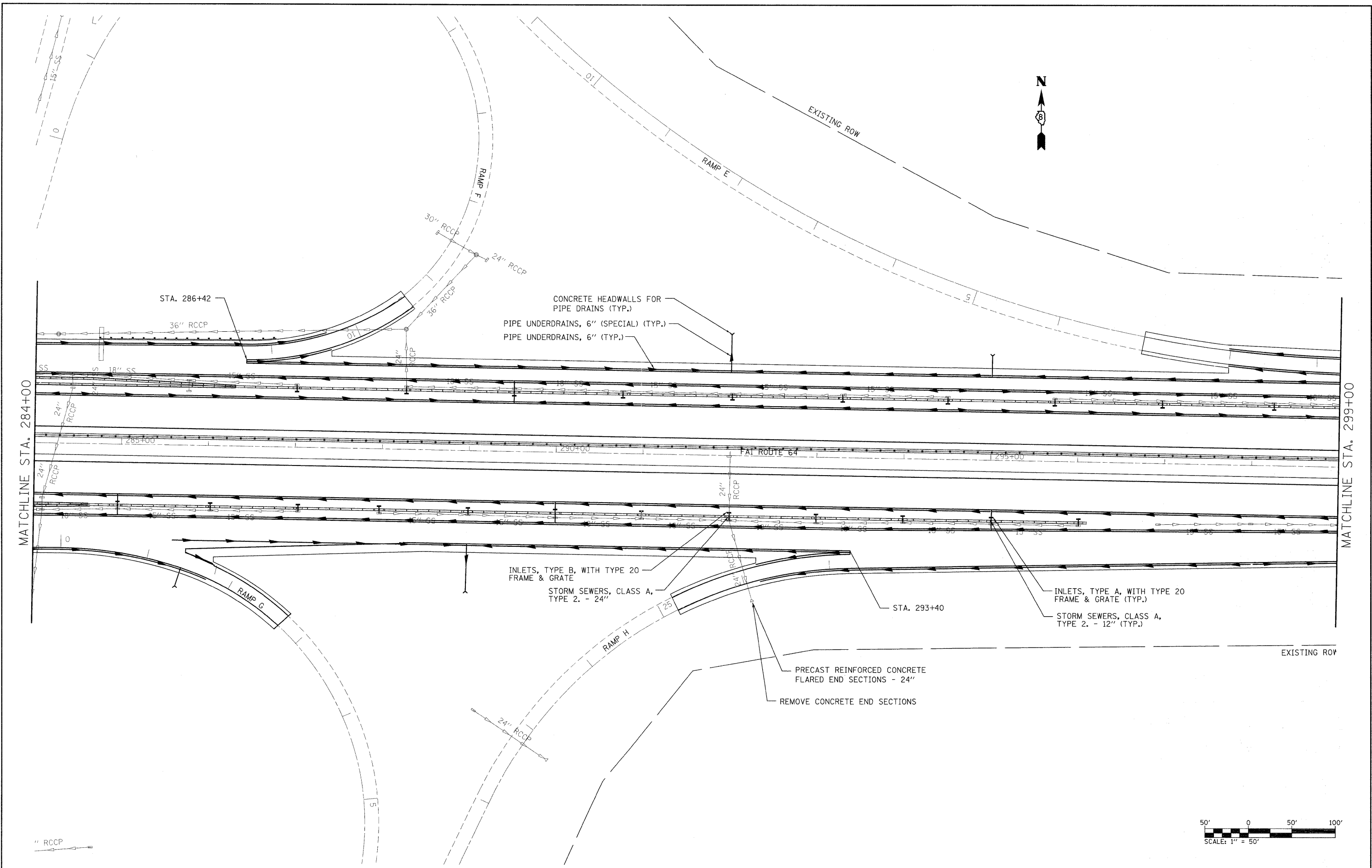
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE SHEET

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	56
CONTRACT NO. 76415				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



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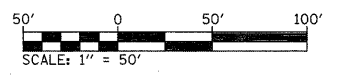
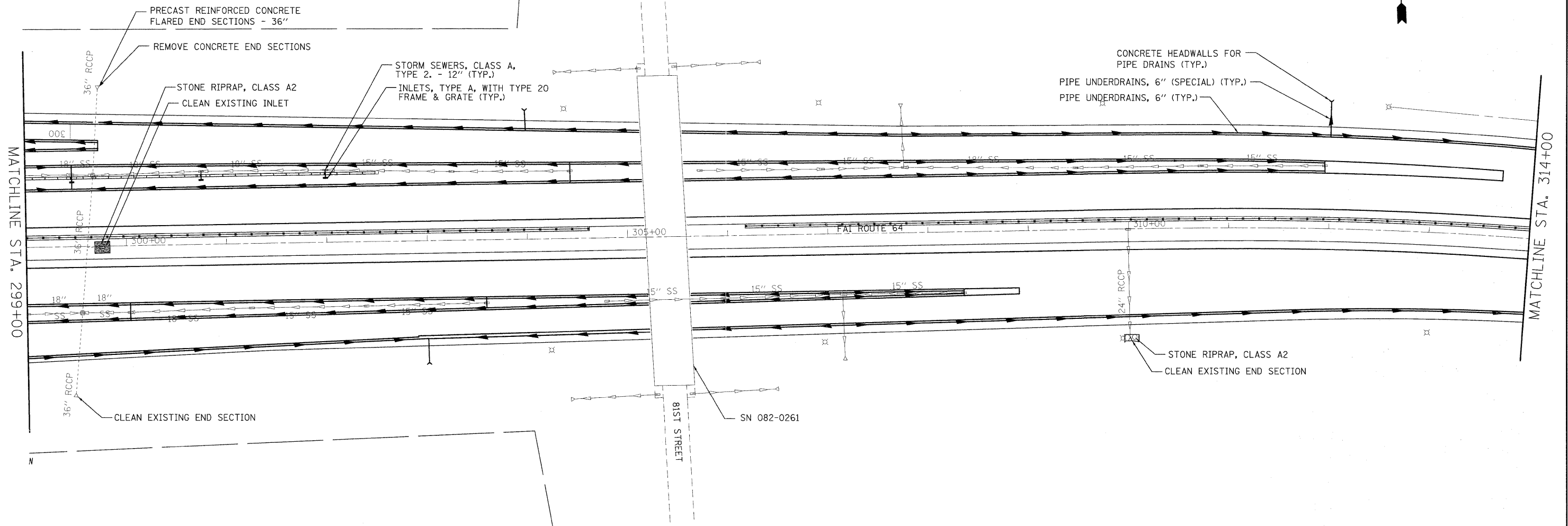
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE SHEET

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	57
CONTRACT NO. 76415				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



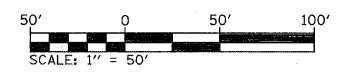
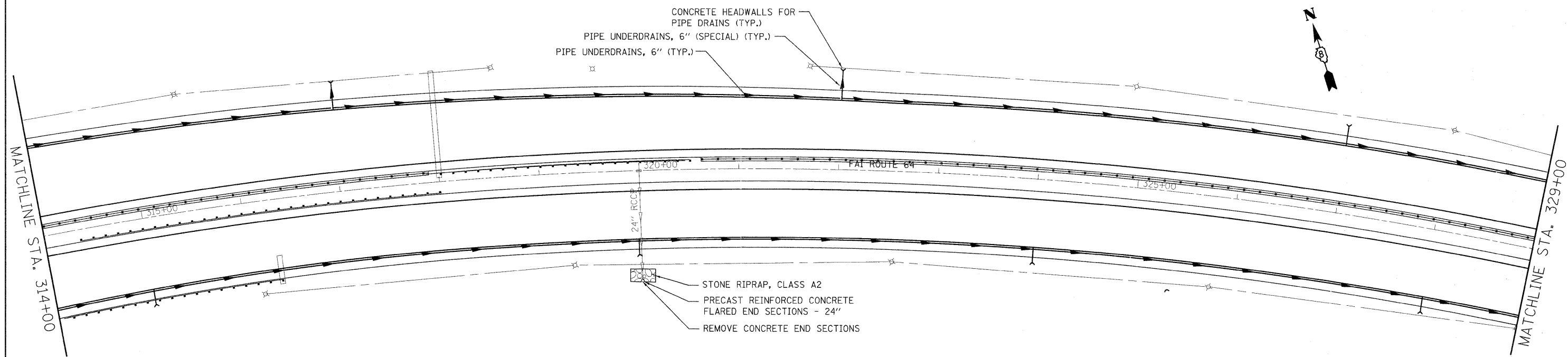
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		DATE -	REVISED -
	PLOT SCALE = 50.0000' / 1"		
	PLOT DATE = 11/10/2011		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SHEET

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	58
CONTRACT NO. 76415				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



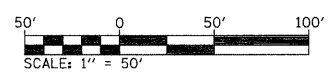
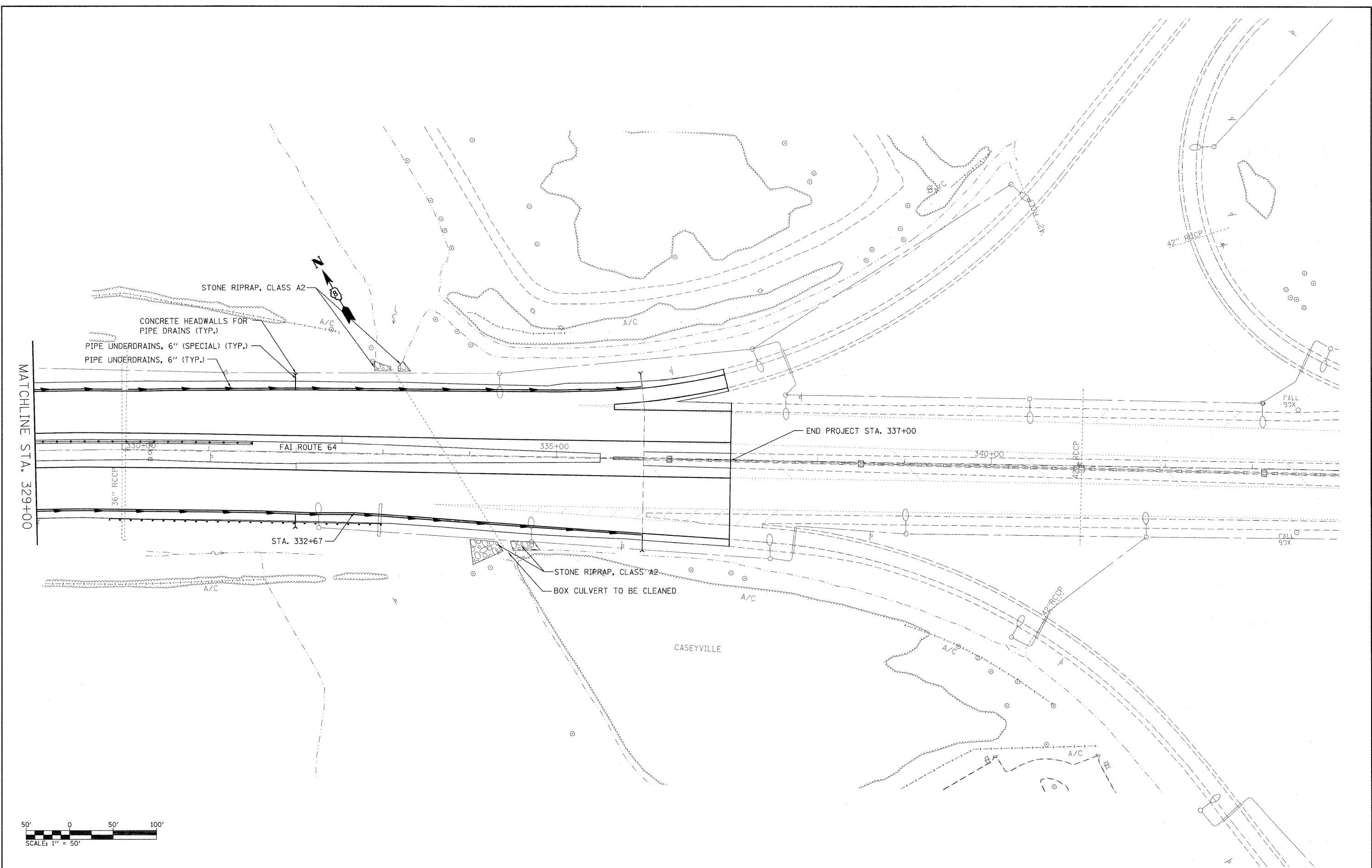
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	PLOT DATE = 11/10/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SHEET

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	59
CONTRACT NO. 76415				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



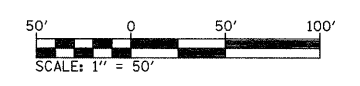
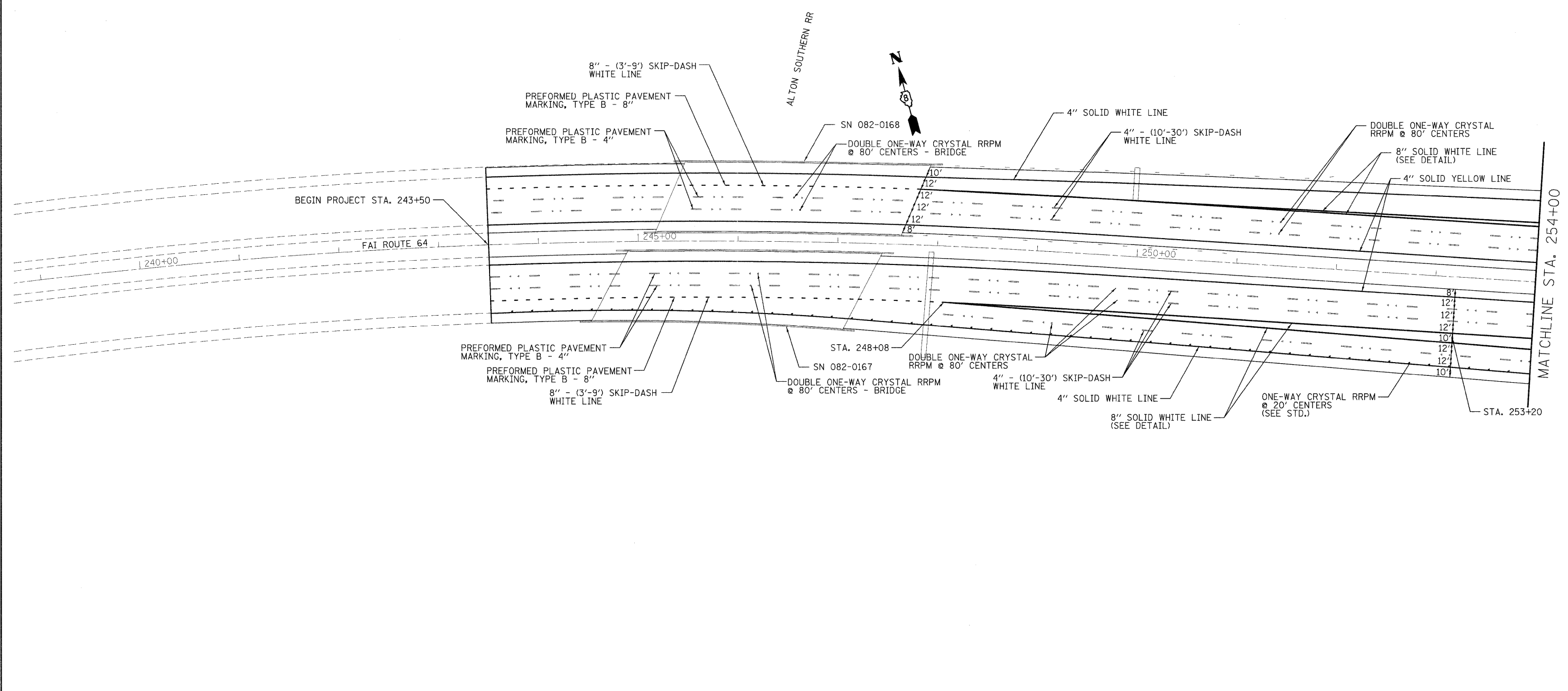
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PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -	REVISED -
PLOT DATE = 11/10/2011	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

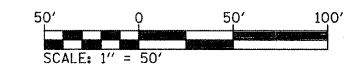
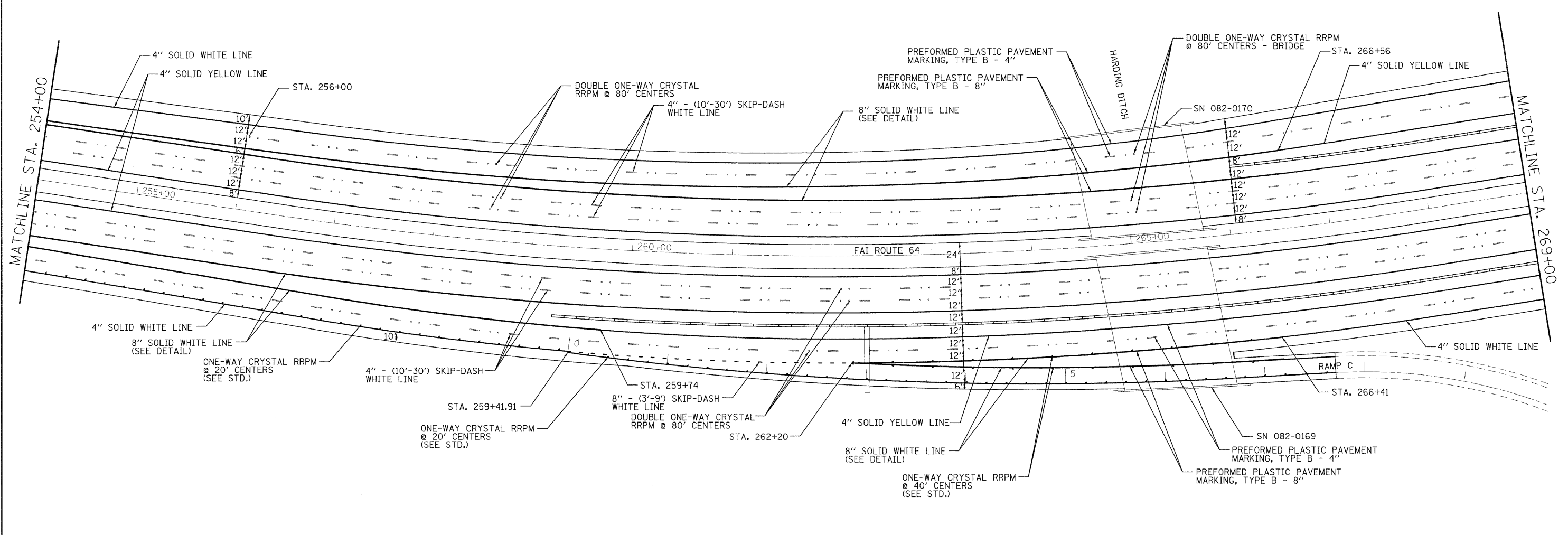
DRAINAGE SHEET

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

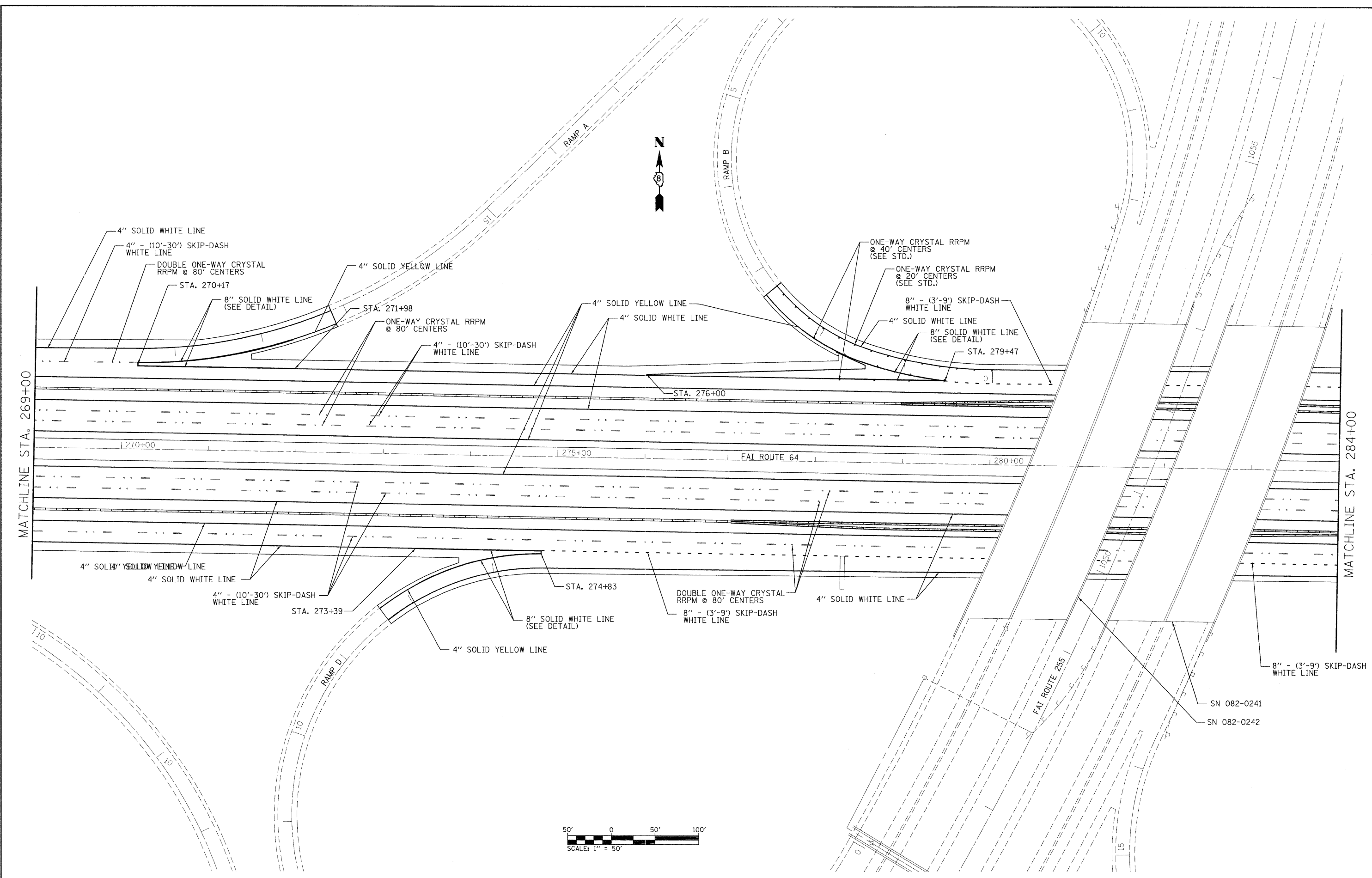
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	60
CONTRACT NO. 76415				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



FILE NAME = c:\pwork\pwork\burnsdeem\d0103244\d976415-shr-pvtrak.dgn	USER NAME = burnsideem DESIGNED - _____ DRAWN - _____ PLOT SCALE = 50.0000' / in. PLOT DATE = 10/20/2011	REVISIONS REVISION NO. DATE BY DESCRIPTION _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEET SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____	<table border="1"> <tr> <th>F.A.I. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>64</td> <td>82-(3,4)RS</td> <td>ST. CLAIR</td> <td>167</td> <td>61</td> </tr> <tr> <td colspan="5" style="text-align: center;">CONTRACT NO. 76415</td> </tr> </table>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	64	82-(3,4)RS	ST. CLAIR	167	61	CONTRACT NO. 76415				
	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.															
	64	82-(3,4)RS	ST. CLAIR	167	61															
	CONTRACT NO. 76415																			
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT																				



FILE NAME = c:\pwork\pwidot\burnsideem\102103244\87	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEET	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / 1"	DRAWN -	REVISED -			64	82-(3,4)RS	ST. CLAIR	167	62
PLOT DATE = 10/20/2011	CHECKED -	DATE -	REVISED -	SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
						CONTRACT NO. 76415				



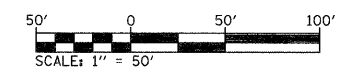
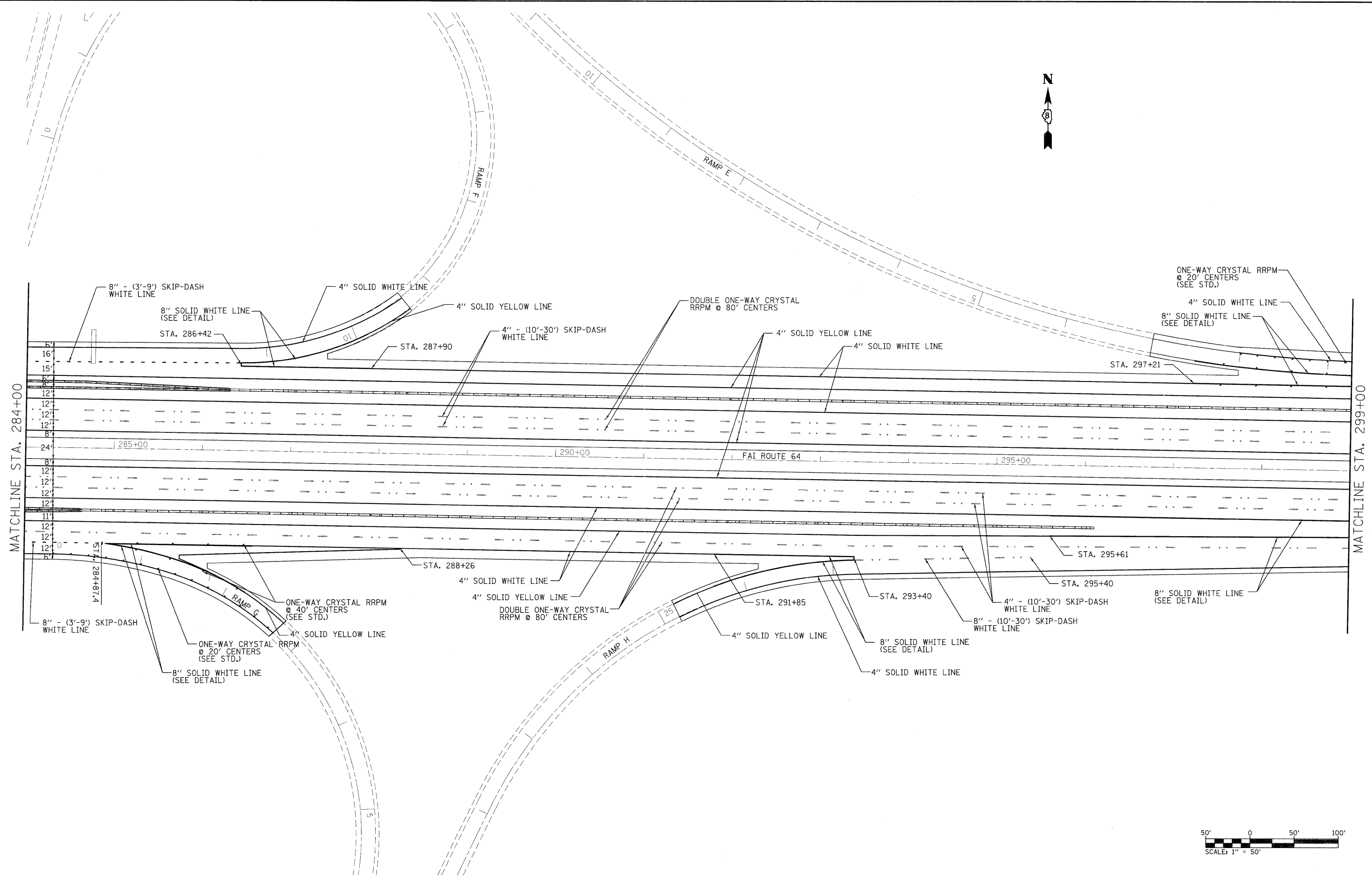
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	PLOT DATE = 10/20/2011	CHECKED - _____	REVISED - _____
	DATE - _____	REVISIONS - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

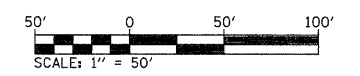
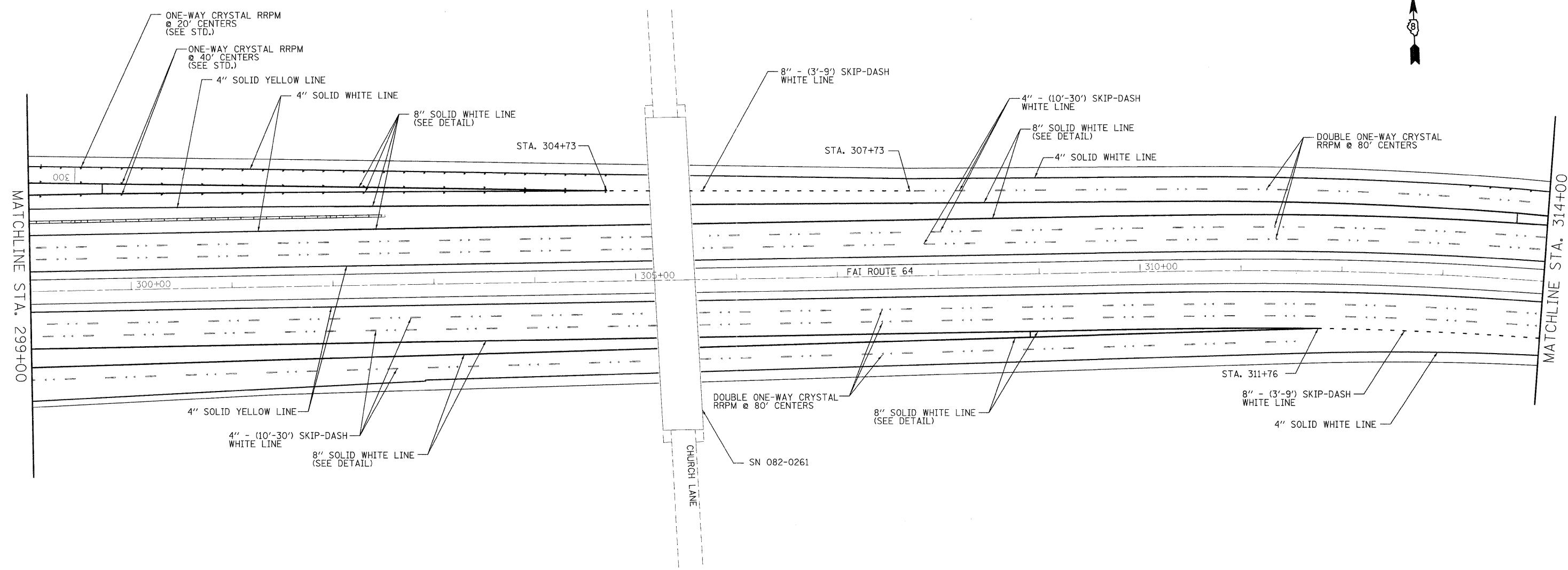
PAVEMENT MARKING SHEET

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-13,4RS	ST. CLAIR	167	63
CONTRACT NO. 76415				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEET		F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pwork\pwork\burnsideem\d2109244\d2109244.dwg	76415-shr-pvtrak.dgn	DRAWN -	REVISED -		64	82-(3,4)RS	ST. CLAIR	167	64		
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76415			ILLINOIS FED. AID PROJECT			
	PLOT DATE = 10/20/2011	DATE -	REVISED -		SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____						



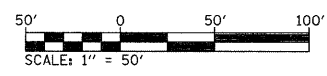
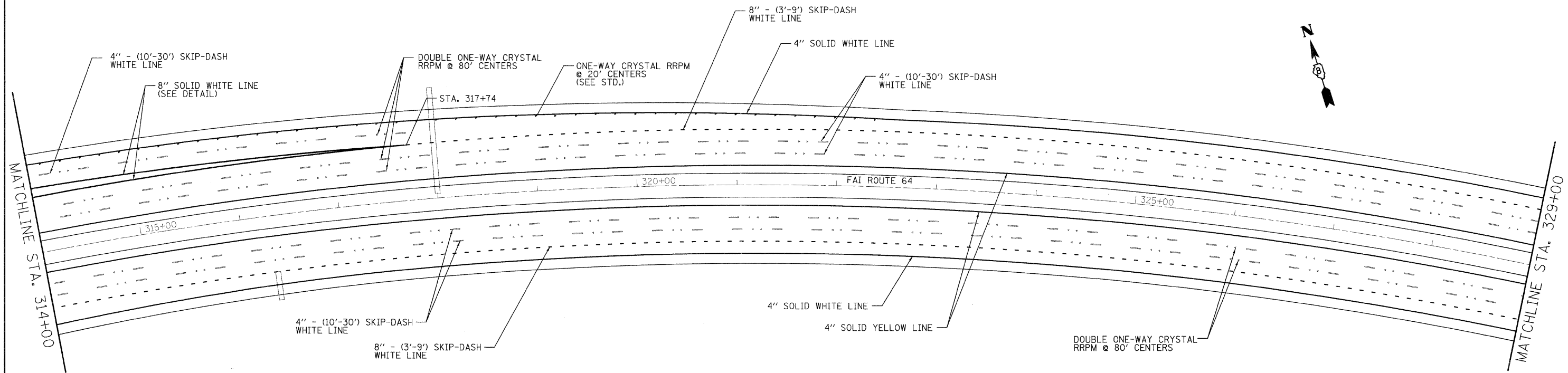
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PLOT SCALE = 50.0000 ' / in.		CHECKED -	REVISED -
PLOT DATE = 10/20/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	65
CONTRACT NO. 76415				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



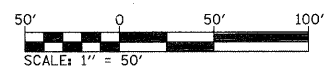
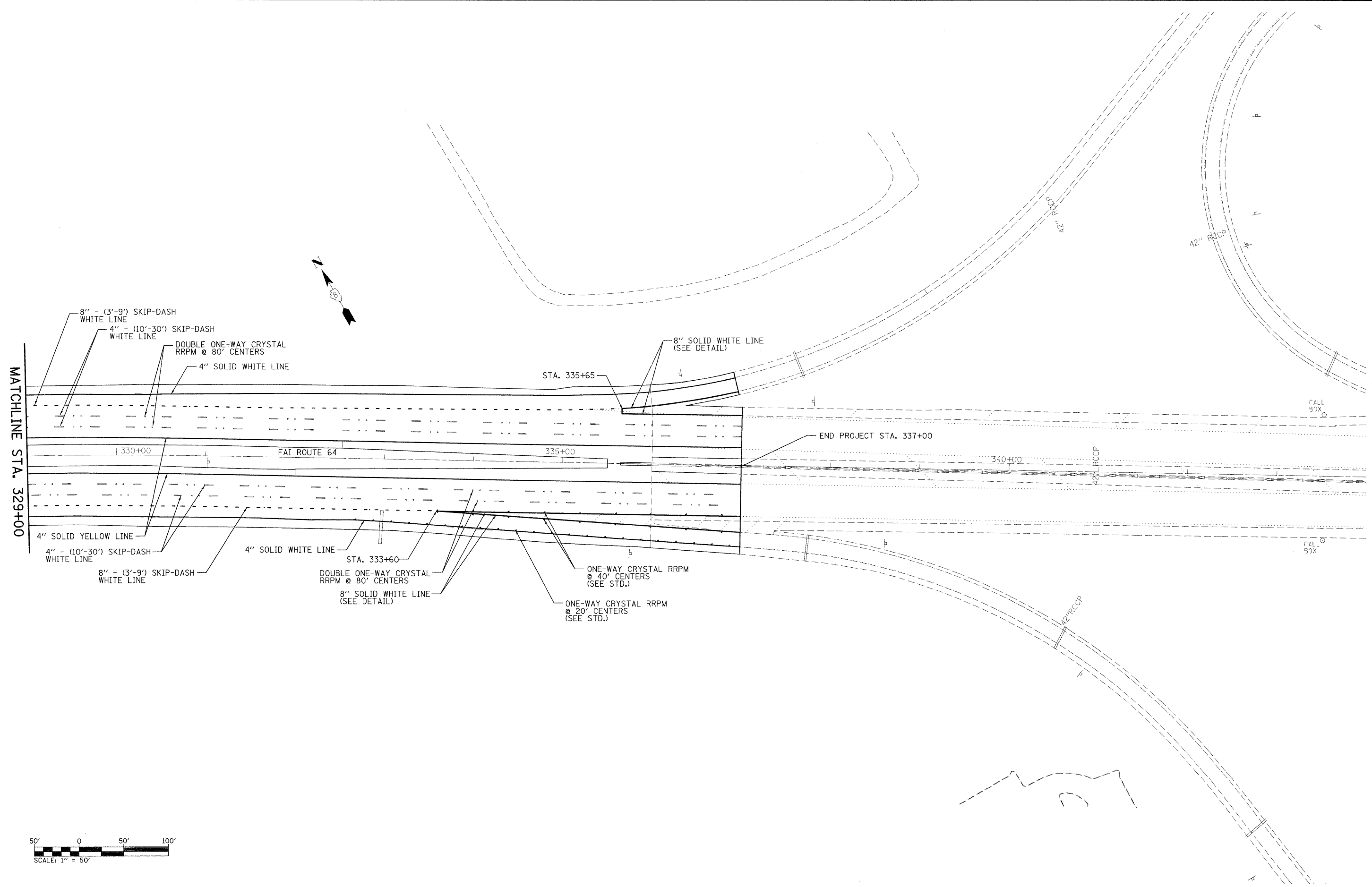
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PLOT SCALE = 50.0000 ' / 1"		CHECKED -	REVISED -
PLOT DATE = 10/20/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	66
CONTRACT NO. 76415				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET	
SCALE: _____	SHEET NO. _____ OF _____ SHEETS
STA. _____	TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	67
CONTRACT NO. 76415				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS

BILL OF MATERIALS			TOTAL
CODE NO	ITEM	UNIT	QUANTITIES
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1
	SIGN PANEL - TYPE 3	SQ FT	2836
	REMOVE SIGN PANEL - TYPE 3	SQ FT	3162
	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (SPECIAL)	FOOT	67.5
	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	36
	REMOVE AND REERECT OVERHEAD SIGN STRUCTURE-SPAN	EACH	1
	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	8
	OVERHEAD SIGN SUPPORT GROUT REPAIR	EACH	5
	FURNISH AND INSTALL INTERNAL TRUSS DAMPER	EACH	1
	FURNISH AND INSTALL SAFETY CHAIN	EACH	8
	FURNISH AND INSTALL METAL SCREEN	EACH	1
	REMOVE OVERHEAD SIGN STRUCTURE-SPAN, SPECIAL	EACH	1

SIGN PANEL REMOVAL						
STATION	STRUCTURE #	F&I SAFETY CHAIN	REMOVAL OF LIGHTING UNIT, SALVAGE	F&I METAL SCREEN	OVERHEAD SIGN SUPPORT GROUT REPAIR	REMOVAL SIGN PANEL TYPE 3
		(EACH)	(EACH)	(EACH)	(EACH)	(SQ FT)
248+03	8S082I064R006.5	1	1			728
249+90	8C082I064L006.5		1			219
262+36	8S082I064R006.7	1			4	
278+75	8C082I064R006.9	1	1	1		136
280+16	8B082I064R007.0	1	1			154
284+79	8C082I064L006.9	1	1		1	196
305+36	8B082I064L007.4	1	1			384
316+35	8C082I064R007.9					225
318+01	8S082I064L008.0	1	1			768
333+00	8C082I064R008.3	1	1			352
TOTAL =		8	8	1	5	3162

SIGN STRUCTURES					
STATION	STRUCTURE #	REMOVE OVERHEAD SIGN STRUCTURE - SPAN, SPECIAL	OVERHEAD SIGN STRUCTURE-SPAN, TYPE 1-A (SPECIAL)	OVERHEAD SIGN STRUCTURE WALKWAY TYPE A (FOOT)	F&I INTERNAL TRUSS DAMPER (EACH)
262+36	8S082I064R006.7	1	67.5	36	1
TOTAL :		1	67.5	36	1

SIGN PANELS			
LOCATION	STRUCTURE #	SIGN PANEL #	SIGN PANEL TYPE 3
STA.			(SQ FT)
248+03	8S082I064R006.5	SP7-1	283.5
		SP7-2	200
249+90	8C082I064L006.5	SP17-1	286
262+36	8S082I064R006.7	SP8-1	130
		SP8-2	180
278+75	8C082I064R006.9	SP9-1	132
280+16	8B082I064R007.0	SP10-1	175
284+79	8C082I064L006.9	SP16-1	175
305+36	8B082I064L007.4	SP15-1	187.5
		SP15-2	140
316+35	8C082I064R007.9	SP12-1	182
318+01	8S082I064L008.0	SP14-1	283.5
		SP14-2	262.5
333+00	8C082I064R008.3	SP13-1	218.75
TOTAL =			2836

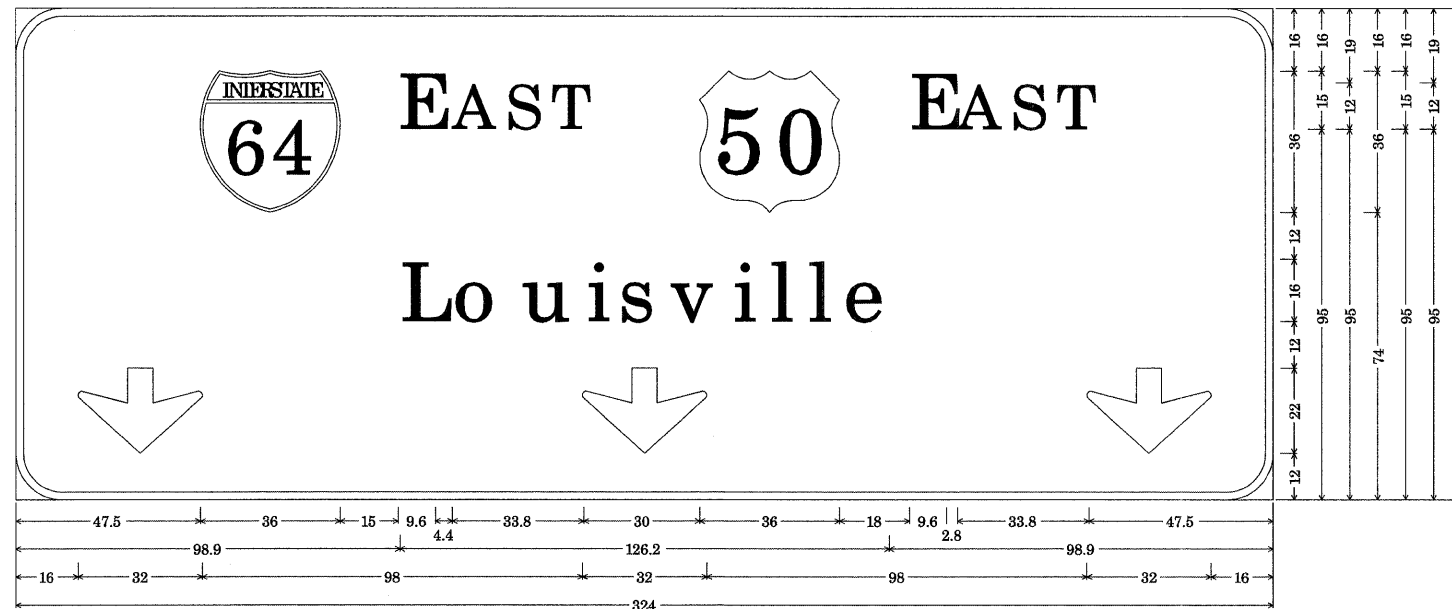
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PLOT SCALE = 50.0000' / 1" =		CHECKED -	REVISED -
PLOT DATE = 11/21/2011		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BILL OF MATERIALS /SCHEDULE

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

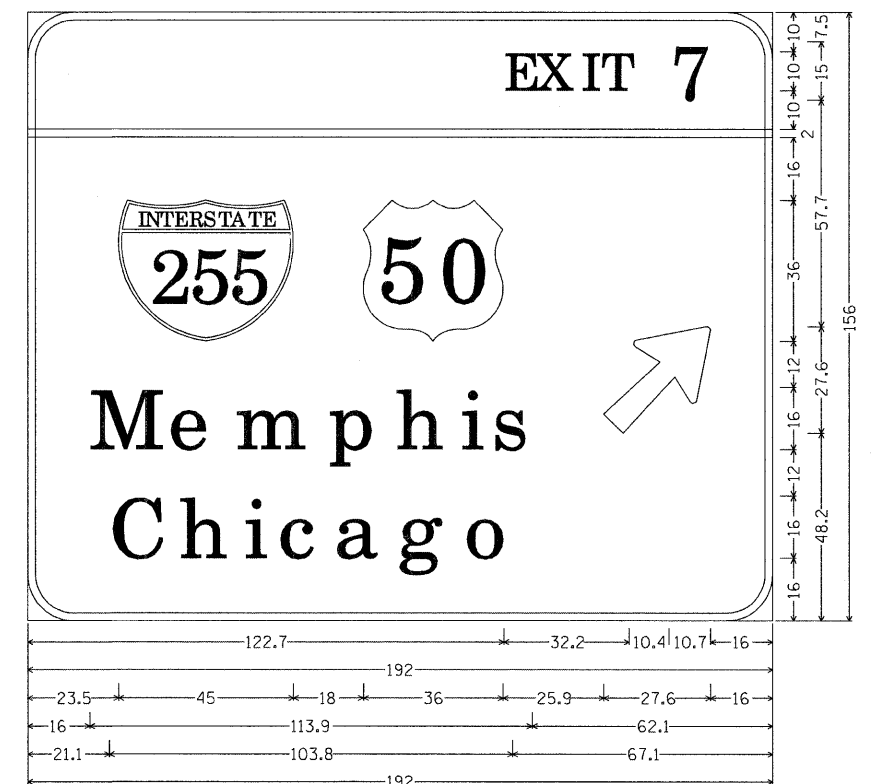
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	68
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				
CONTRACT NO. 76415				



ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [E AST] ClearviewHwy-5-W; [E AST] ClearviewHwy-5-W; [Louisville] ClearviewHwy-5-W; Down Arrow 22.0" 270; Down Arrow 22.0" 270; Down Arrow 22.0" 270;
 Table of widths and spaces.

47.5	36.0	15.0	9.6	4.4	11.2	2.6	8.7	2.6	8.7	30.0	36.0	18.0	9.6	2.8	11.2	2.6	8.7	2.6	8.7	47.5					
98.9	L	9.5	4.2	12.4	5.4	u	10.9	5.7	3.8	4.5	s	10.2	3.1	v	12.2	3.9	3.8	5.7	5.1	4.8	5.0	4.2	e	11.8	98.9
16.0	↓	32.0	98.0	↓	32.0	98.0	↓	32.0	16.0																

SIGN PANEL SP7-1

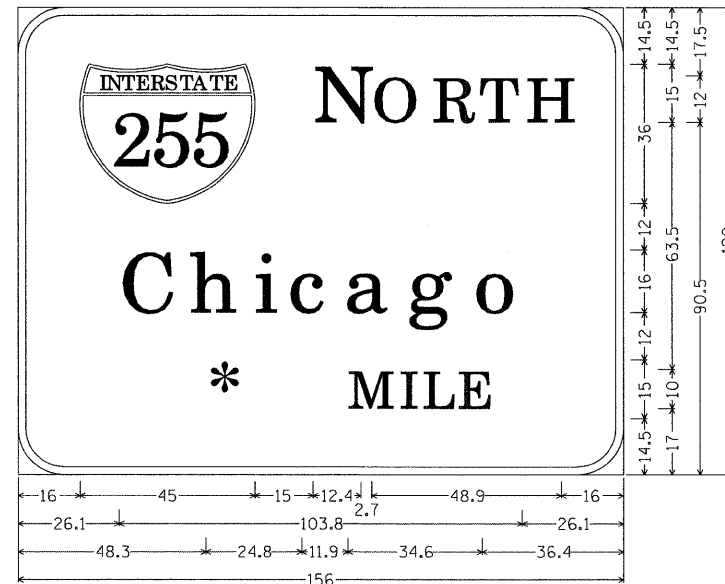


ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [EXIT 7] ClearviewHwy-5-W; [Memphis] ClearviewHwy-5-W; [Chicago] ClearviewHwy-5-W;
 Arrow 160 - 35.0" 45L;
 Table of widths and spaces.

122.7	E	6.5	X	2.1	8.7	I	2.7	T	2.0	2.9	7.3	10.4	7	10.7	16.0			
-0.0	↓	192.0	0.0															
23.5	↓	45.0	18.0	36.0	25.9	27.6	16.0											
16.0	M	14.8	5.5	11.8	5.4	m	18.2	5.9	11.7	5.4	h	11.2	5.6	i	3.8	4.3	10.3	62.1
21.1	C	13.1	4.8	11.2	5.6	i	3.8	4.9	11.0	3.6	a	11.9	4.4	g	11.7	5.3	12.5	67.1

SIGN PANEL SP7-2

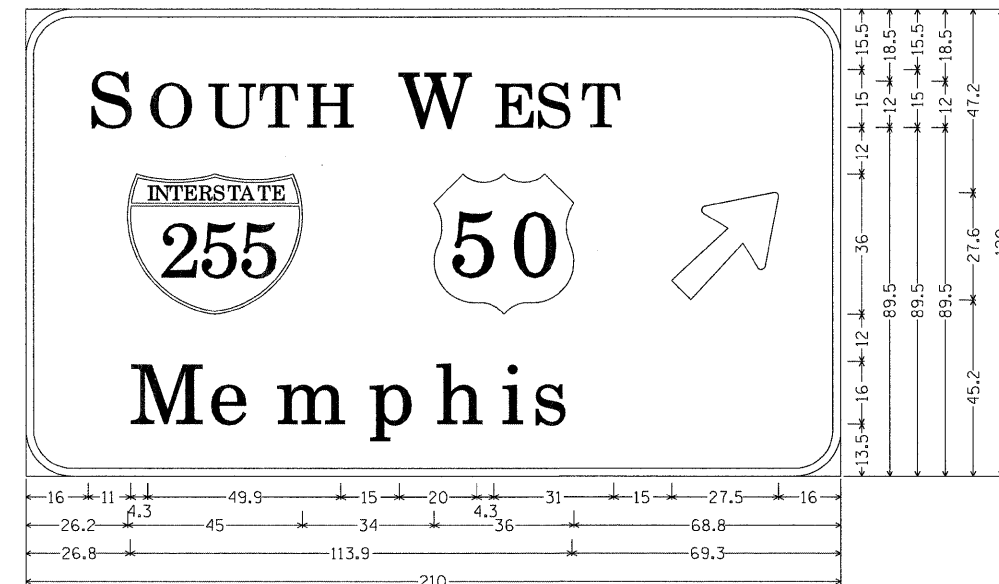
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FILEL	PLOT SCALE = *SCALE*	DRAWN -	REVISD -			64	82-3(3,4)RS	ST CLAIR	167	69	
	PLOT DATE = *DATE*	CHECKED -	REVISD -			CONTRACT NO. 76415					
		DATE -	REVISD -			ILLINOIS FED. AID PROJECT					
				SCALE:		SHEET NO. OF SHEETS		STA. TO STA.			



ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [N ORTH] ClearviewHwy-5-W; [Chicago] ClearviewHwy-5-W;
 [* 3/4 MILE] ClearviewHwy-5-W;
 Table of widths and spaces.

16.0	45.0	15.0	12.4	2.7	11.2	4.3	9.0	2.9	8.8	3.5	9.2	16.0		
26.1	13.1	4.8	11.2	5.6	3.8	4.9	11.0	3.6	11.9	4.4	11.7	5.4	12.4	26.1
48.3	24.8	11.9	9.2	3.9	2.1	3.9	5.9	3.2	6.4	36.4				

SIGN PANEL SP8-1

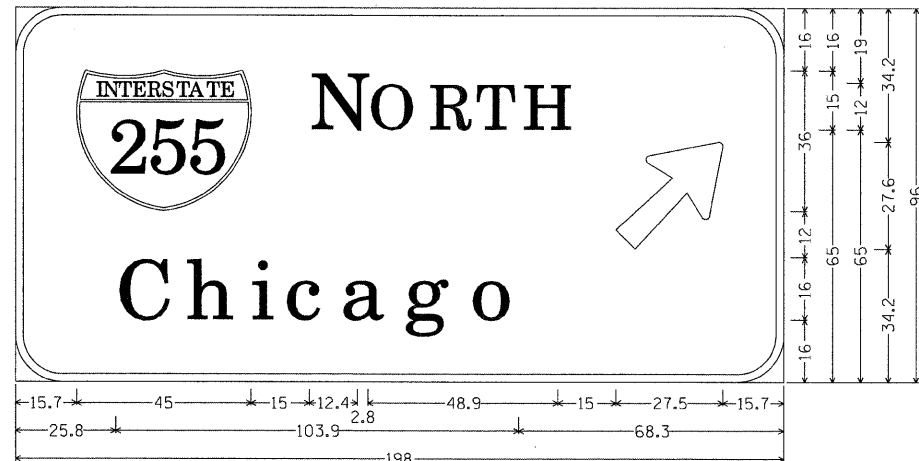


ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [S OUTH] ClearviewHwy-5-W; [W EST] ClearviewHwy-5-W; [Memphis] ClearviewHwy-5-W;
 Arrow 160 - 35.0" 45L;
 Table of widths and spaces.

16.0	11.0	4.3	11.2	4.3	9.3	3.6	8.7	3.5	9.3	15.0	20.0	4.3	7.8	3.0	8.8	2.6	8.8	15.0	27.5	16.0	
26.2	4.3	45	34	4.3	36	68.8															
26.8	14.7	5.5	11.9	5.3	18.3	5.9	11.6	5.4	11.2	5.7	3.7	4.4	10.3	69.3							

SIGN PANEL SP8-2

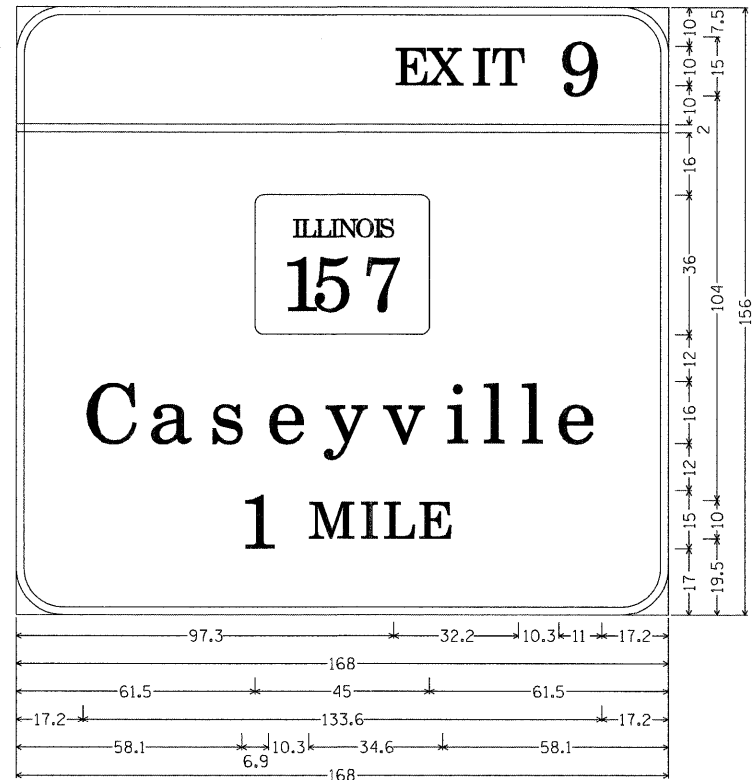
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#FILE#		DRAWN -	REVISD -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	64	82-3(3,4)RS	ST CLAIR	167	70
		CHECKED -	REVISD -		CONTRACT NO. 76415										
		PLOT DATE = #DATE#	DATE -		ILLINOIS FED. AID PROJECT										



ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [NORTH] ClearviewHwy-5-W; [Chicago] ClearviewHwy-5-W; Arrow 160 - 35.0" 45L;
 Table of widths and spaces.

15.7	45.0	15.0	12.4	2.8	11.2	4.2	9.1	2.9	8.7	3.5	9.3	15.0	27.5	15.7
25.8	13.1	4.8	11.2	5.6	3.8	5.0	10.9	3.6	12.0	4.3	11.8	5.3	12.5	68.3

SIGN PANEL SP9-1

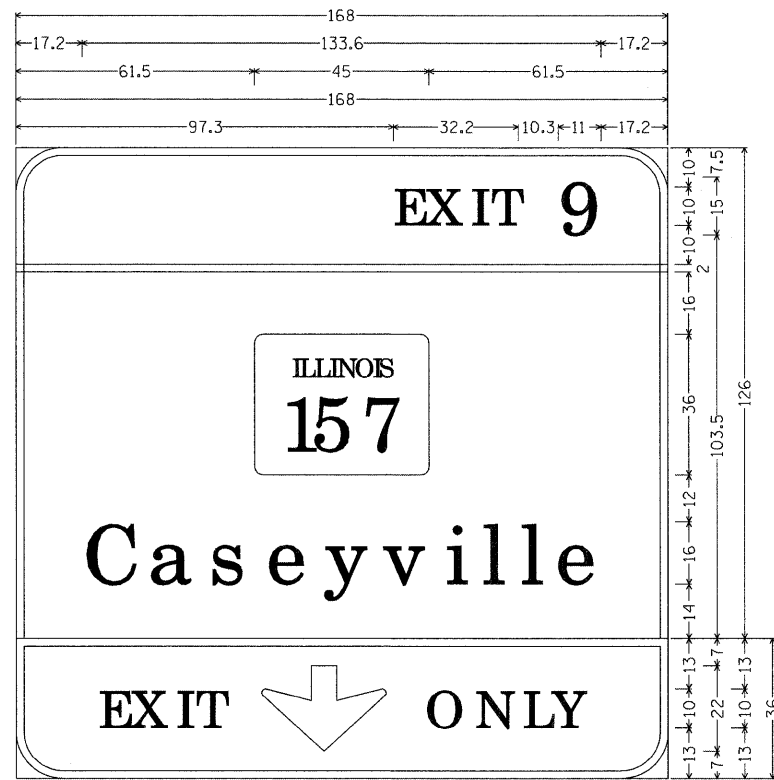


ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [EXIT 9] ClearviewHwy-5-W; [Caseyville] ClearviewHwy-5-W;
 [1 MILE] ClearviewHwy-5-W;
 Table of widths and spaces.

97.3	6.4	2.2	8.6	2.7	2.0	3.0	7.3	10.3	11.0	17.2											
-0.0	168.0	0.0	0.0																		
61.5	45.0	61.5																			
17.2	13.1	3.8	11.9	3.7	10.3	4.4	11.9	3.4	12.5	2.2	12.3	3.8	3.8	5.6	5.2	4.7	5.1	4.1	11.8	17.2	
58.1	6.9	10.3	9.2	3.9	2.1	3.9	5.9	3.2	6.4	58.1											

SIGN PANEL SP10-1

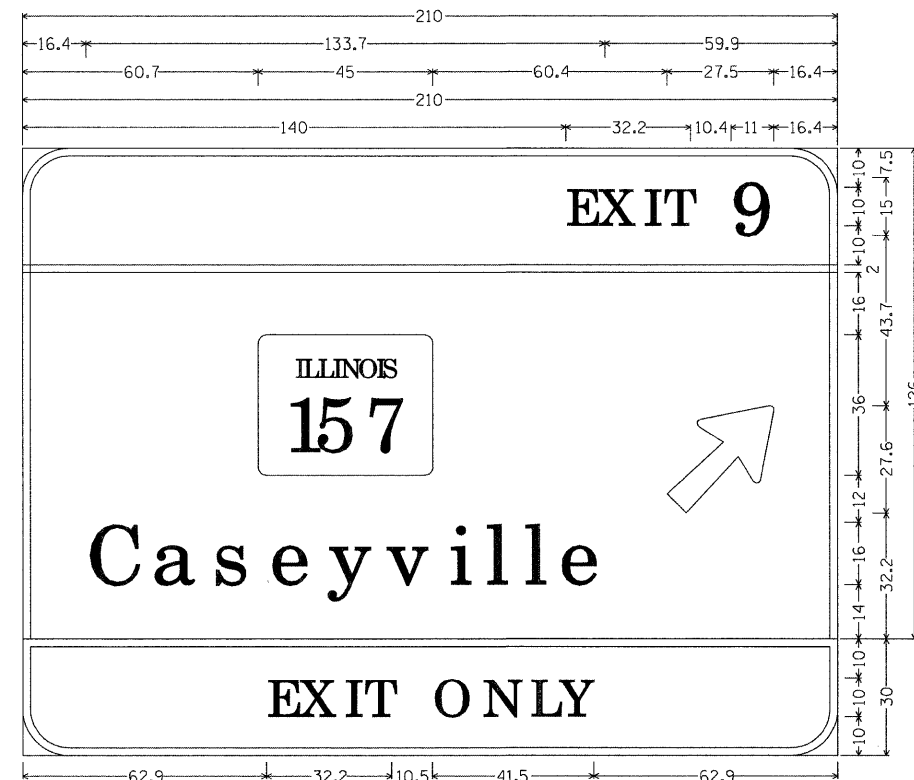
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#FILEL#		DRAWN -	REVISED -			64	82-3(3,4)RS	ST CLAIR	167	71	
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			CONTRACT NO. 76415					
	PLOT DATE = #DATE#	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.		



ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [EXIT 9] ClearviewHwy-5-W; [Caseyville] ClearviewHwy-5-W;
 12.0" Radius, 2.0" Border, Black on Yellow;
 [EXIT] ClearviewHwy-5-W; Down Arrow 22.0" 270L; [ONLY] ClearviewHwy-5-W;
 Table of widths and spaces.

97.3	E	6.4	2.2	X	8.6	2.7	I	2.0	3.0	T	7.3	10.3	9	11.0	17.2												
-0.0	168.0	0.0																									
61.5	45.0	61.5																									
17.2	C	13.1	3.8	a	11.9	3.7	s	10.3	4.4	a	11.9	3.4	y	12.5	2.2	v	12.3	3.8	3.8	5.6	5.2	4.7	5.1	4.1	e	11.8	17.2
21.1	E	6.4	2.2	X	8.6	2.8	I	2.0	2.9	T	7.3	10.0	32.0	O	9.3	3.6	N	8.2	4.0	L	5.9	1.8	8.8	21.1			

SIGN PANEL SP12-1

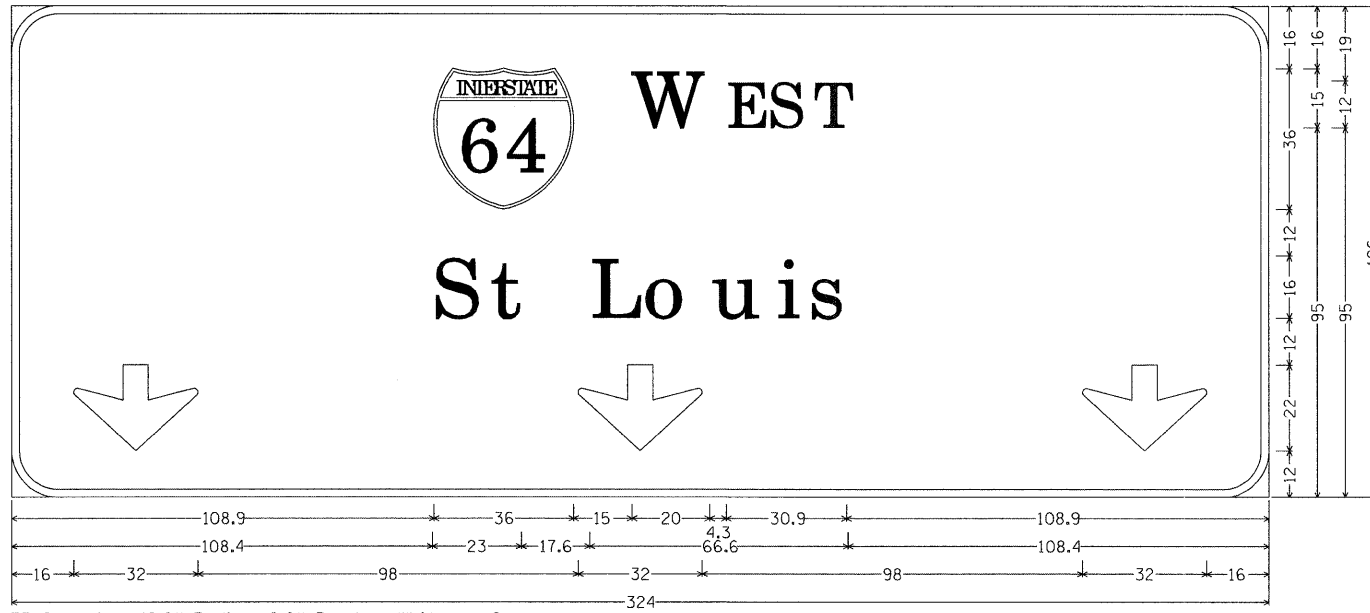


ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [EXIT 9] ClearviewHwy-5-W; [Caseyville] ClearviewHwy-5-W; Arrow 160 - 35.0" 45L;
 12.0" Radius, 2.0" Border, Black on Yellow;
 [EXIT ONLY] ClearviewHwy-5-W;
 Table of widths and spaces.

140.0	E	6.5	2.1	X	8.7	2.7	I	2.0	2.9	T	7.3	10.4	9	11.0	16.4												
-0.0	210.0	0.0																									
60.7	45.0	60.4	27.5	16.4																							
16.4	C	13.1	3.8	a	11.9	3.7	s	10.3	4.5	e	11.8	3.4	y	12.5	2.3	v	12.3	3.8	3.8	5.6	5.1	4.7	5.2	4.0	e	11.9	59.9
62.9	E	6.4	2.1	X	8.7	2.7	I	2.0	3.0	T	7.3	10.5	O	9.3	3.5	N	8.3	3.9	L	5.9	1.9	8.7	62.9				

SIGN PANEL SP13-1

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAI ROUTE 64 (I-64) SIGN PANEL DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -			64	82-3(3,4)RS	ST CLAIR	167	72	
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			CONTRACT NO. 76415					
	PLOT DATE = #DATE#	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.



ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [W EST] ClearviewHwy-5-W; [St Louis] ClearviewHwy-5-W; Down Arrow 22.0" 270L; Down Arrow 22.0" 270L; Down Arrow 22.0" 270L;
 Table of widths and spaces.

108.9	36.0	15.0	W	20.0	4.3	E	3.0	S	8.8	2.6	T	8.7	108.9						
108.4	S	11.7	3.3	t	8.0	L	17.6	9.4	4.2	o	5.3	u	11.1	5.7	i	3.8	4.3	10.3	108.4
16.0	32.0	98.0	32.0	98.0	32.0	16.0													

SIGN PANEL SP14-1

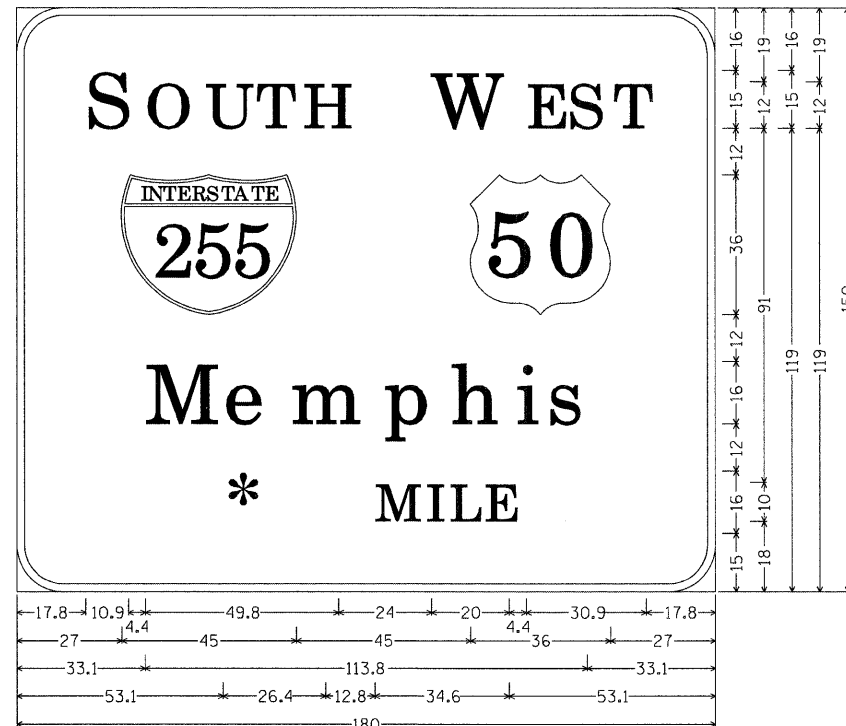


ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [EXIT 7] ClearviewHwy-5-W; [Chicago] ClearviewHwy-5-W; [Memphis] ClearviewHwy-5-W;
 Down Arrow 22.0" 270L; Down Arrow 22.0" 270L;
 Table of widths and spaces.

139.8	E	6.4	X	2.2	I	8.6	T	2.7	3.0	7.3	10.3	7	10.7	17.0					
-0.0	210.0	0.0																	
55.5	45.0	18.0	36.0	55.5															
53.1	C	13.1	4.8	h	11.2	i	5.6	3.8	4.9	11.0	3.6	a	11.9	4.4	g	11.7	5.4	12.4	53.1
48.1	M	14.7	5.5	e	11.8	m	5.4	18.2	5.9	11.7	5.4	h	11.2	5.6	i	3.8	4.3	10.3	48.1
17.0	32.0	112.0	32.0	17.0															

SIGN PANEL SP14-2

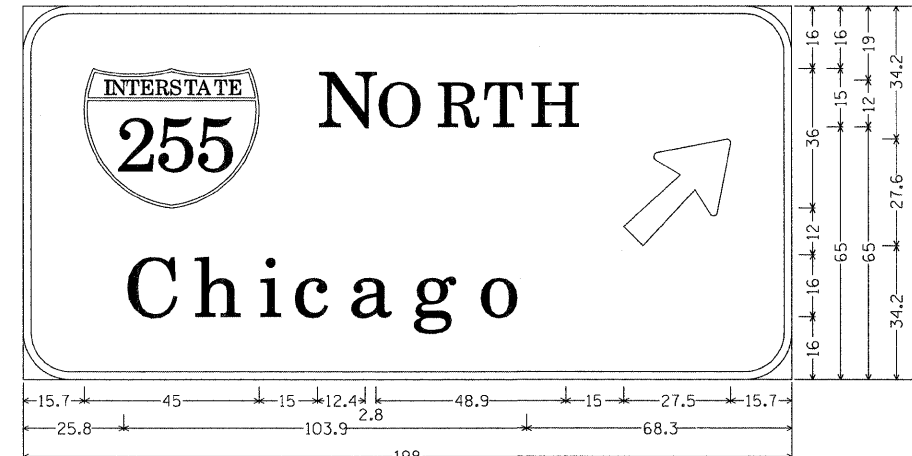
FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAI ROUTE 64 (I-64) SIGN PANEL DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	PLOT SCALE = #SCALE#	DRAWN -	REVISED -			64	82-3(3,4)RS	ST CLAIR	167	73	
	PLOT DATE = #DATE#	CHECKED -	REVISED -			CONTRACT NO. 76415					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: _____		SHEET NO. _____ OF _____ SHEETS		STA. _____ TO STA. _____			



ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [S OUTH] ClearviewHwy-5-W; [W EST] ClearviewHwy-5-W; [Memphis] ClearviewHwy-5-W;
 [* MILE] ClearviewHwy-5-W;
 Table of widths and spaces.

S	O	U	T	H	W	E	S	T	17.8	10.9	4.4	11.2	4.3	9.3	3.5	8.8	3.5	9.2	24.0	20.0	4.4	7.7	3.1	8.7	2.7	8.7	17.8
255	50	27.0	45.0	45.0	36.0	27.0																					
M	e	m	p	h	i	s	33.1	14.7	5.5	11.8	5.4	18.2	5.9	11.7	5.4	11.2	5.6	3.8	4.3	10.3	33.1						
* M I L E	53.1	26.4	12.8	9.2	3.9	2.0	4.0	5.9	3.1	6.5	53.1																

SIGN PANEL SP15-1

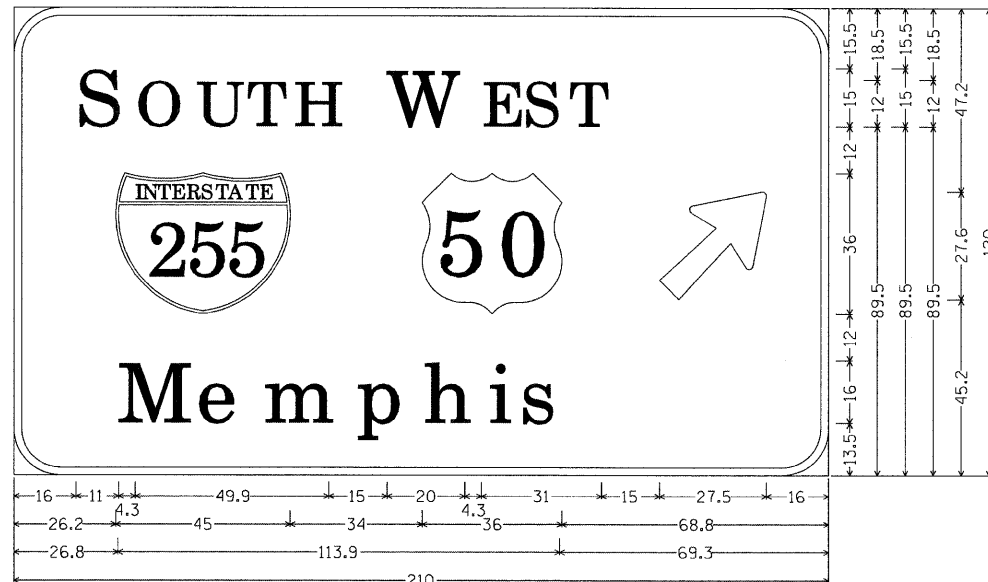


ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [N ORTH] ClearviewHwy-5-W; [Chicago] ClearviewHwy-5-W; Arrow 160 - 35.0" 45L;
 Table of widths and spaces.

255	N	O	R	T	H	15.7	45.0	15.0	12.4	2.8	11.2	4.2	9.1	2.9	8.7	3.5	9.3	15.0	27.5	15.7	
C	h	i	c	a	g	o	25.8	13.1	4.8	11.2	5.6	3.8	5.0	10.9	3.6	12.0	4.3	11.8	5.3	12.5	68.3

SIGN PANEL SP15-2

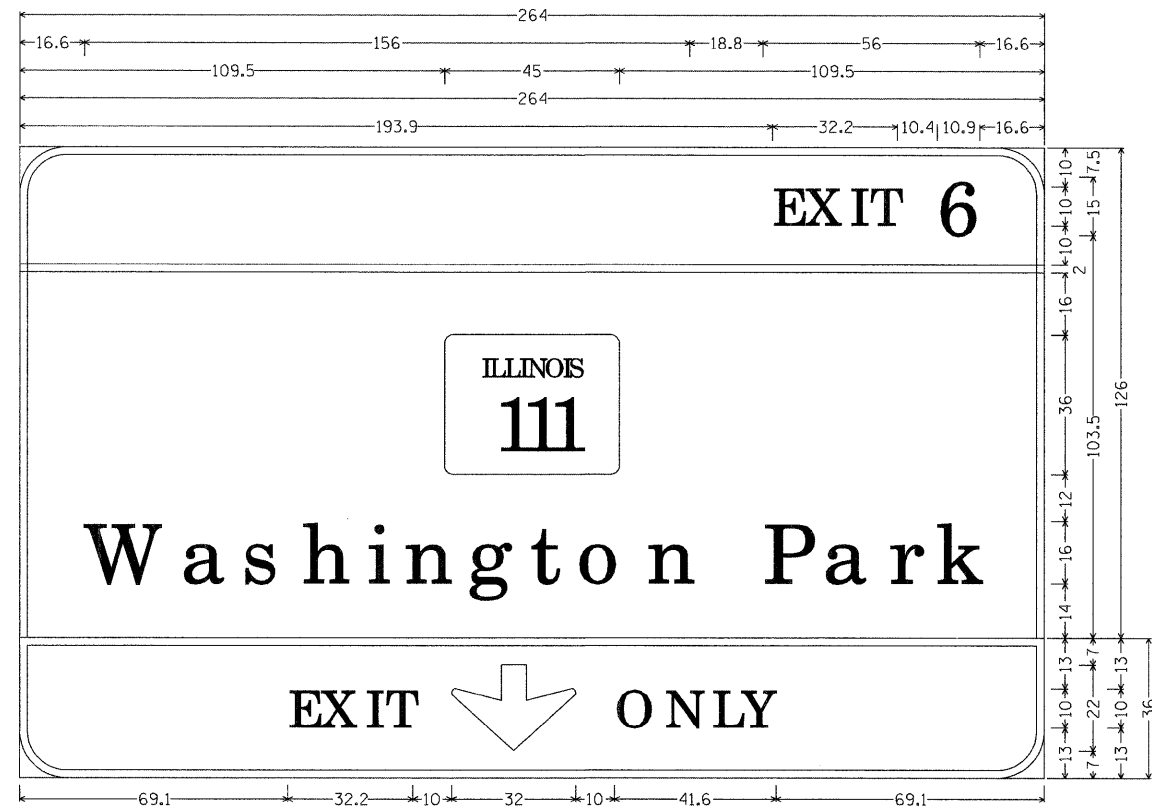
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAI ROUTE 64 (I-64) SIGN PANEL DETAILS				F.A.I. RTE. 64	SECTION 82-3(3,4)RS	COUNTY ST CLAIR	TOTAL SHEETS 167	SHEET NO. 74
	PLOT SCALE = #SCALE#	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 76415		
	PLOT DATE = #DATE#	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE -	REVISED -										



ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [SOUTH] ClearviewHwy-5-W; [WEST] ClearviewHwy-5-W; [Memphis] ClearviewHwy-5-W;
 Arrow 160 - 35.0" 45L;
 Table of widths and spaces.

S	16.0	11.0	4.3	O	11.2	4.3	U	9.3	3.6	T	8.7	3.5	H	9.3	15.0	W	20.0	4.3	E	7.8	3.0	S	8.8	2.6	T	8.8	15.0	↗	27.5	16.0
255	26.2	45.0	34.0	36.0	68.8																									
M	26.8	14.7	5.5	e	11.9	5.3	m	18.3	5.9	p	11.6	5.4	h	11.2	5.7	i	3.7	4.4	s	10.3	69.3									

SIGN PANEL SP16-1

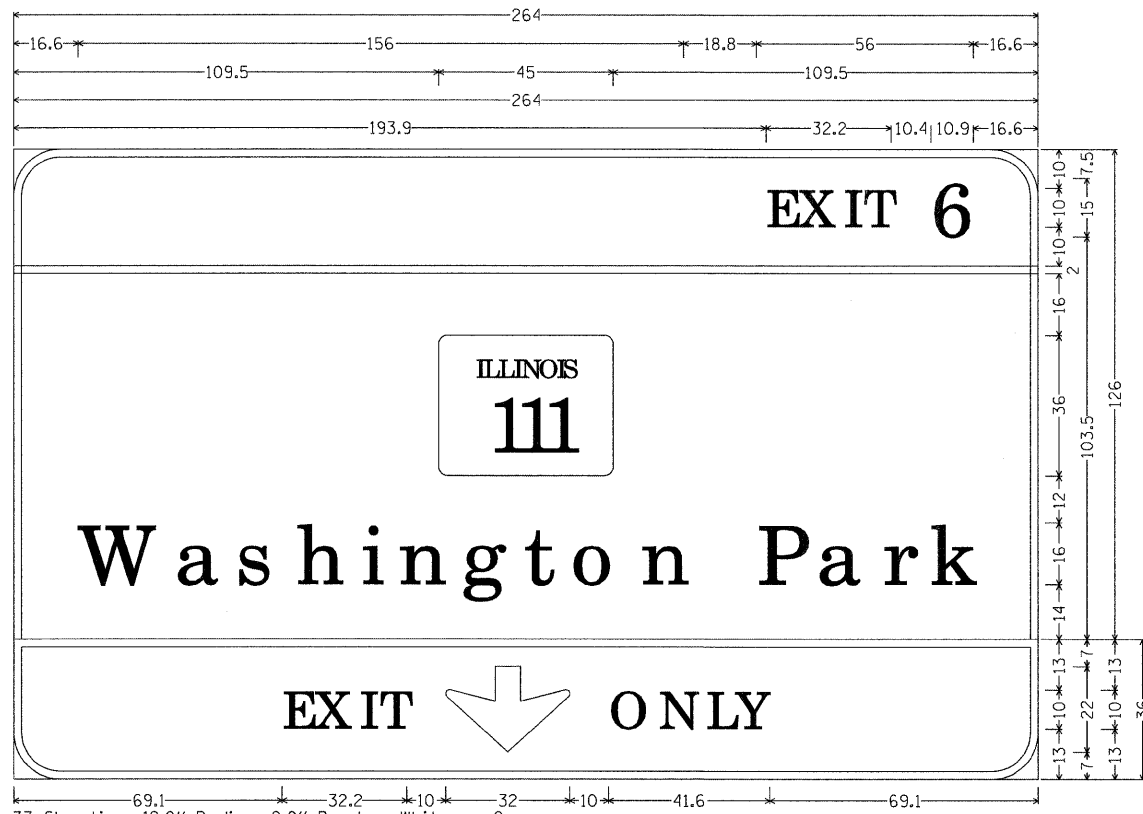


ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [EXIT 6] ClearviewHwy-5-W; [Washington Park] ClearviewHwy-5-W;
 12.0" Radius, 2.0" Border, Black on Yellow;
 [EXIT] ClearviewHwy-5-W; Down Arrow 22.0" 270L; [ONLY] ClearviewHwy-5-W;
 Table of widths and spaces.

E	193.9	6.4	2.2	X	8.6	2.7	I	2.1	2.9	T	7.3	10.4	6	10.9	16.6																														
-0.0	264.0	0.0																																											
109.5	45.0	109.5																																											
W	16.6	21.3	3.7	a	11.9	3.7	s	10.3	5.2	h	11.2	5.6	i	3.8	5.7	n	11.2	5.2	g	11.8	4.3	t	8.0	4.0	o	12.5	5.4	n	11.2	18.8	P	11.7	4.0	a	11.9	5.0	r	7.5	4.5	k	11.4	16.6			
E	69.1	6.4	2.2	X	8.6	2.8	I	2.0	2.9	T	7.3	10.0	↕	32.0	10.0	O	9.3	3.6	N	8.2	4.0	L	5.9	1.8	Y	8.8	69.1																		

SIGN PANEL SP17-1

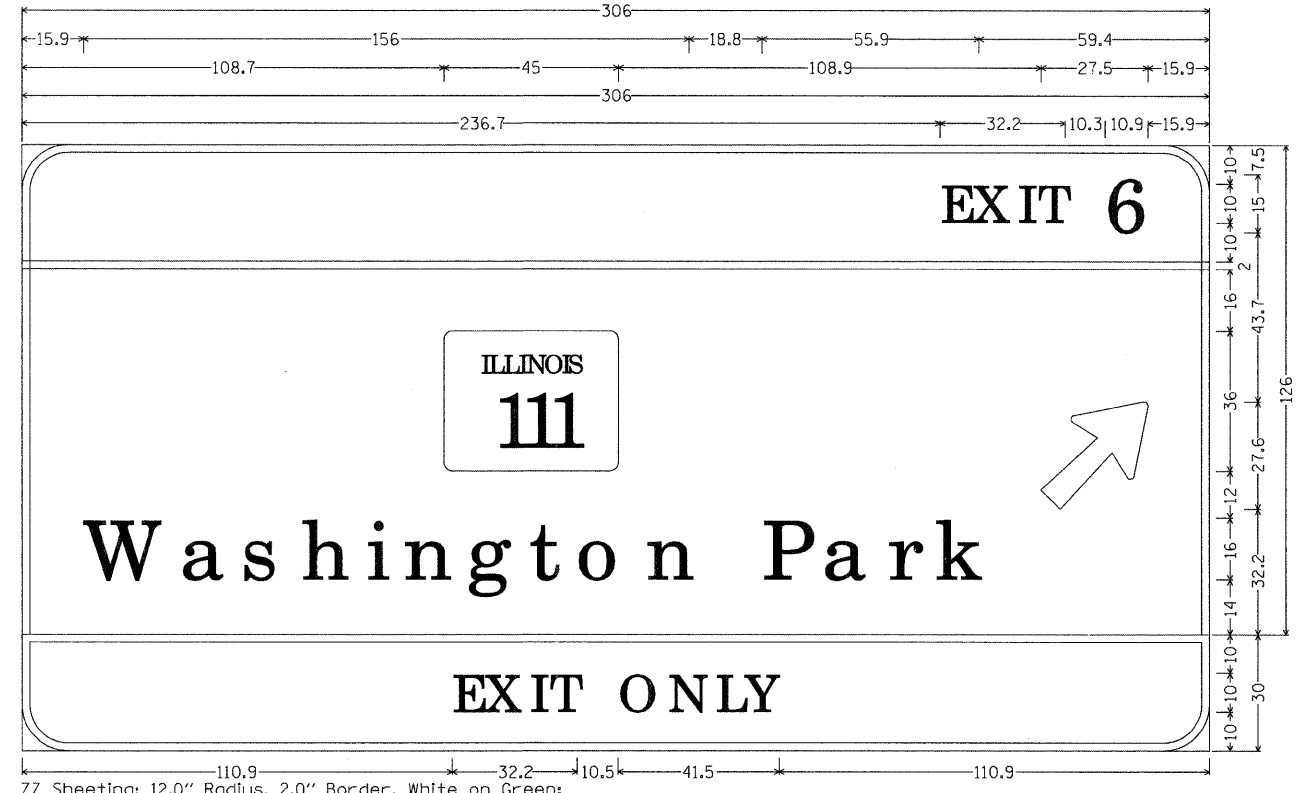
FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAI ROUTE 64 (I-64) SIGN PANEL DETAILS			F.A.I. RTE. 64	SECTION 82-3(3,4)RS	COUNTY ST CLAIR	TOTAL SHEETS 167	SHEET NO. 75
*FILE#	PLOT SCALE = *SCALE*	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 76415	
	PLOT DATE = *DATE*	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							



ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [EXIT 6] ClearviewHwy-5-W; [Washington Park] ClearviewHwy-5-W;
 12.0" Radius, 2.0" Border, Black on Yellow;
 [EXIT] ClearviewHwy-5-W; Down Arrow 22.0" 270L; [ONLY] ClearviewHwy-5-W;
 Table of widths and spaces.

E	X	I	T	6														
193.9	6.4	2.2	8.6	2.7	2.1	2.9	7.3	10.4	10.9	16.6								
-0.0	264.0	0.0																
109.5	45.0	109.5																
16.6	W	a	s	h	i	n	g	t	o	n	P	a	r	k	16.6			
69.1	6.4	2.2	8.6	2.8	2.0	2.9	7.3	10.0	32.0	10.0	9.3	3.6	8.2	4.0	5.9	1.8	8.8	69.1

SIGN PANEL SP18-1

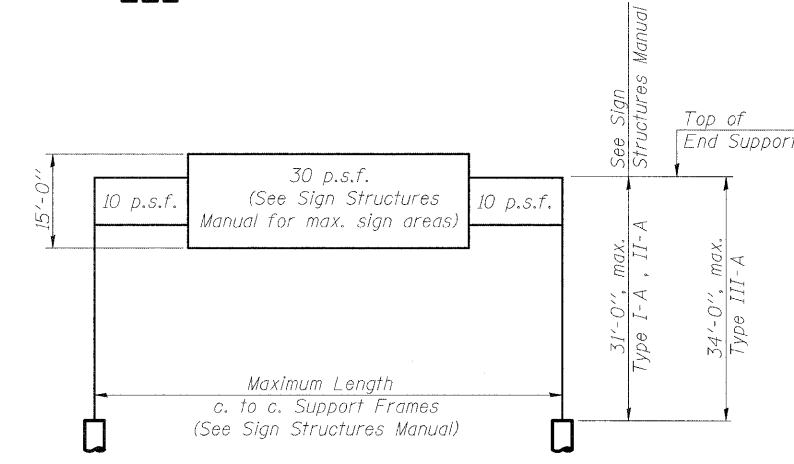
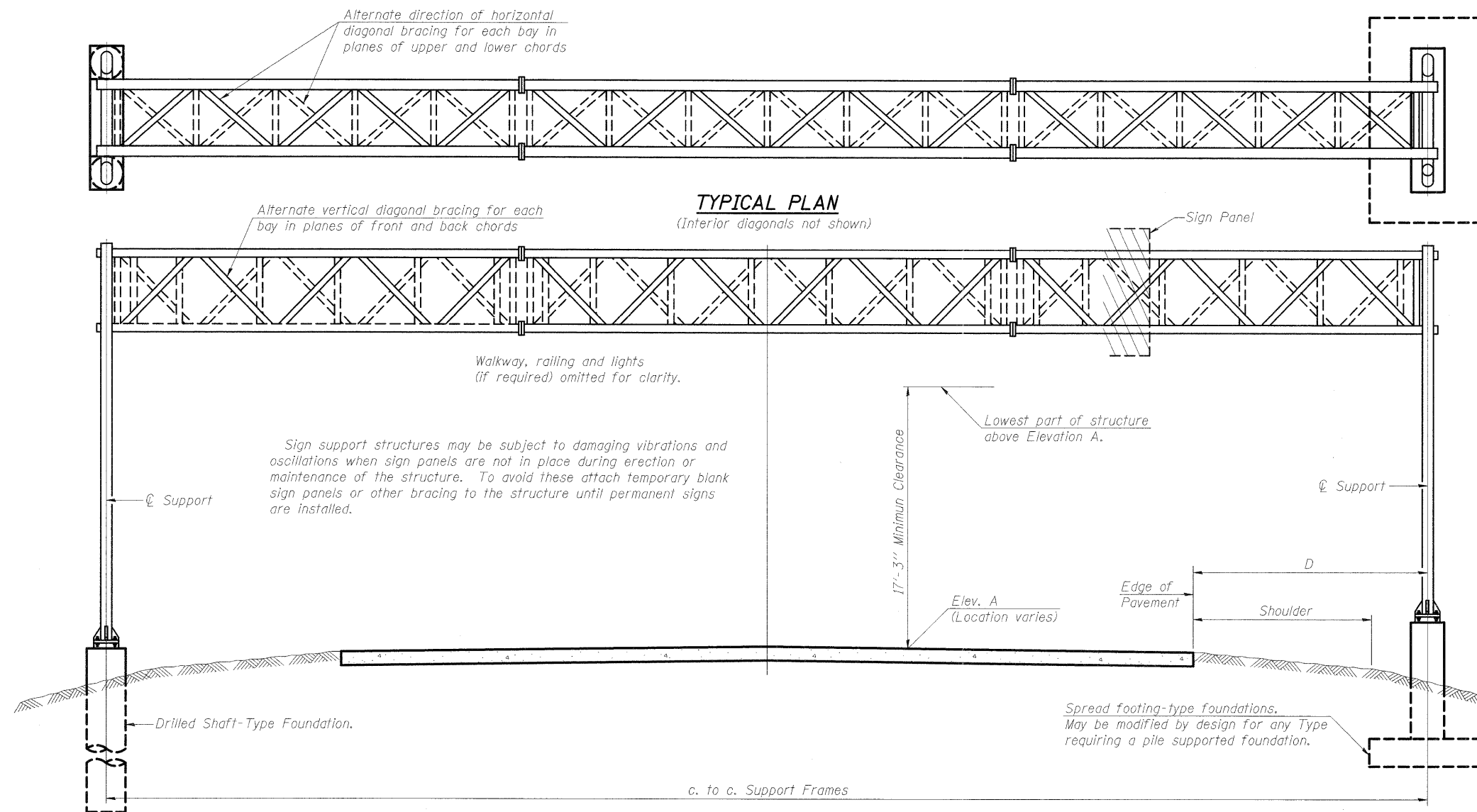


ZZ Sheeting; 12.0" Radius, 2.0" Border, White on Green;
 [EXIT 6] ClearviewHwy-5-W; [Washington Park] ClearviewHwy-5-W; Arrow 160 - 35.0" 45L;
 12.0" Radius, 2.0" Border, Black on Yellow;
 [EXIT ONLY] ClearviewHwy-5-W;
 Table of widths and spaces.

E	X	I	T	6												
236.7	6.4	2.1	8.7	2.7	2.0	3.0	7.3	10.3	10.9	15.9						
-0.0	306.0	0.0														
108.7	45.0	108.9	27.5	15.9												
15.9	W	a	s	h	i	n	g	t	o	n	P	a	r	k	59.4	
110.9	6.4	2.1	8.7	2.7	2.0	3.0	7.3	10.5	9.3	3.5	8.3	3.9	5.9	1.9	8.7	110.9

SIGN PANEL SP19-1

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAI ROUTE 64 (I-64) SIGN PANEL DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL	PLOT SCALE = *SCALE*	DRAWN -	REVISED -			64	82-3(3,4)RS	ST CLAIR	167	76	
	PLOT DATE = *DATE*	CHECKED -	REVISED -			CONTRACT NO. 76415					
		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.



DESIGN WIND LOADING DIAGRAM
Parameters shown are basis for I.D.O.T. Standards and Sign Manual Tables. Installations not within dimensional limits shown require special analysis for all components.

TYPICAL ELEVATION
(Looking at Face of Signs)**

Structure Number	Station	Design Truss Type	c. to c. Supports	Elev. A	Dim. D	Height of Tallest Sign	Total Sign Area
8S082T064R006.7	262+36	I-A	67'-6"				

**Looking upstation for structures with signs both sides.

* If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.

GENERAL NOTES

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

DESIGN STRESSES:
Field Units
F_c = 3,500 p.s.i.
f_y = 60,000 p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53. All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer. The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: Shall conform to ASTM F1554 Gr. 105.

CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Bridge Seat Sealer in accordance with the Standard Specifications.

REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

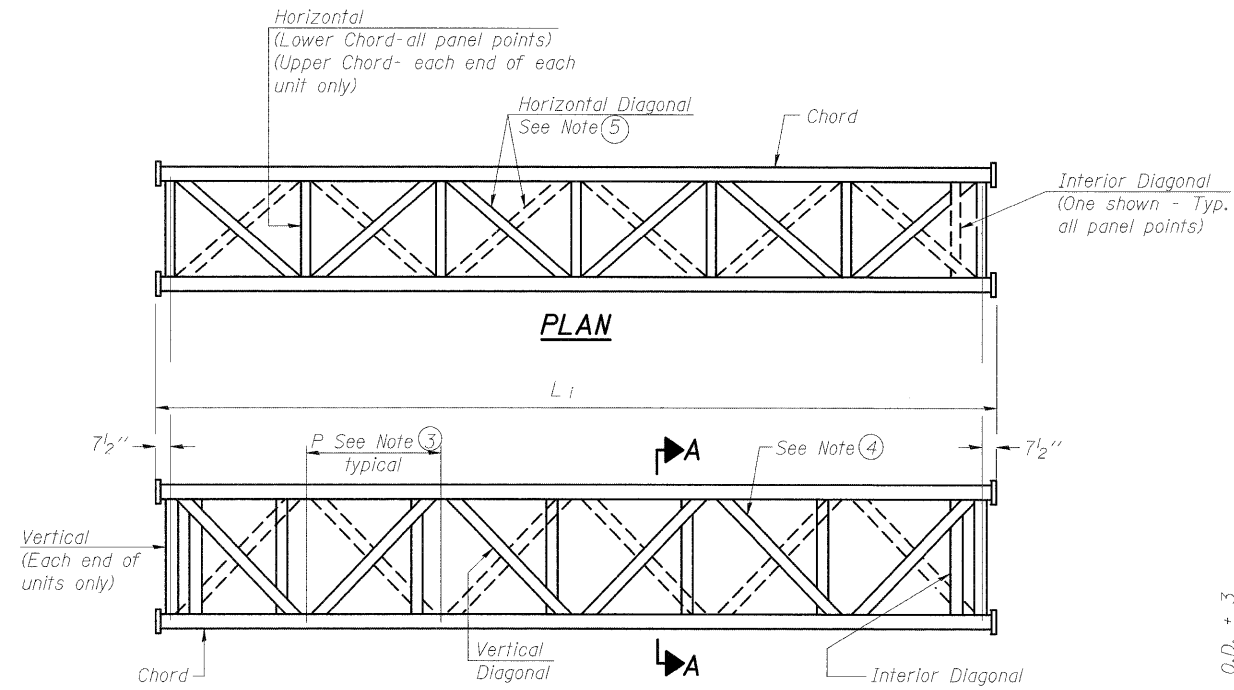
FOUNDATIONS: The contract unit price for Concrete Foundations and Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE SPAN TYPE I-A (SPECIAL)	Foot	67'-6"
OVERHEAD SIGN STRUCTURE SPAN TYPE II-A	Foot	
OVERHEAD SIGN STRUCTURE SPAN TYPE III-A	Foot	
OVERHEAD SIGN STRUCTURE WALKWAY TYPE A	Foot	36'-0"
CONCRETE FOUNDATIONS	Cu. Yds.	
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	

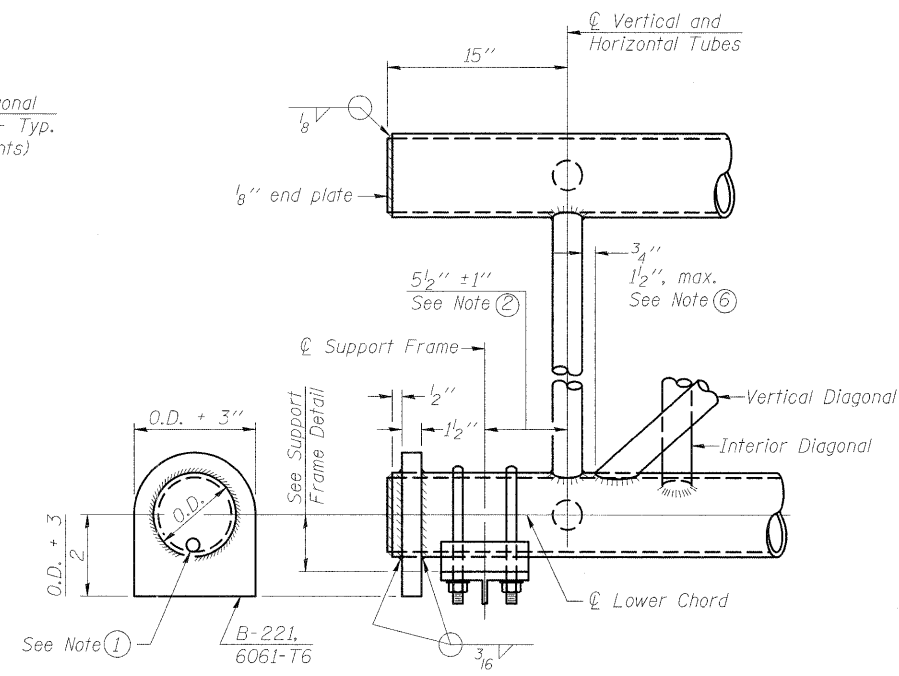
OS-A-1

1-20-11

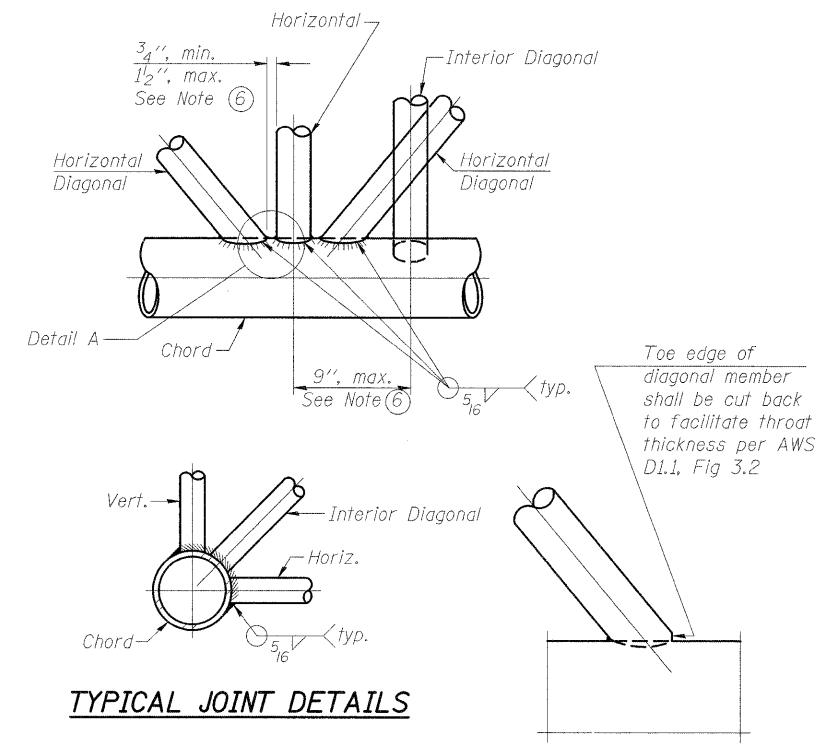


**ELEVATION
TYPICAL INTERIOR UNIT**

Even number of panels/interior unit required.

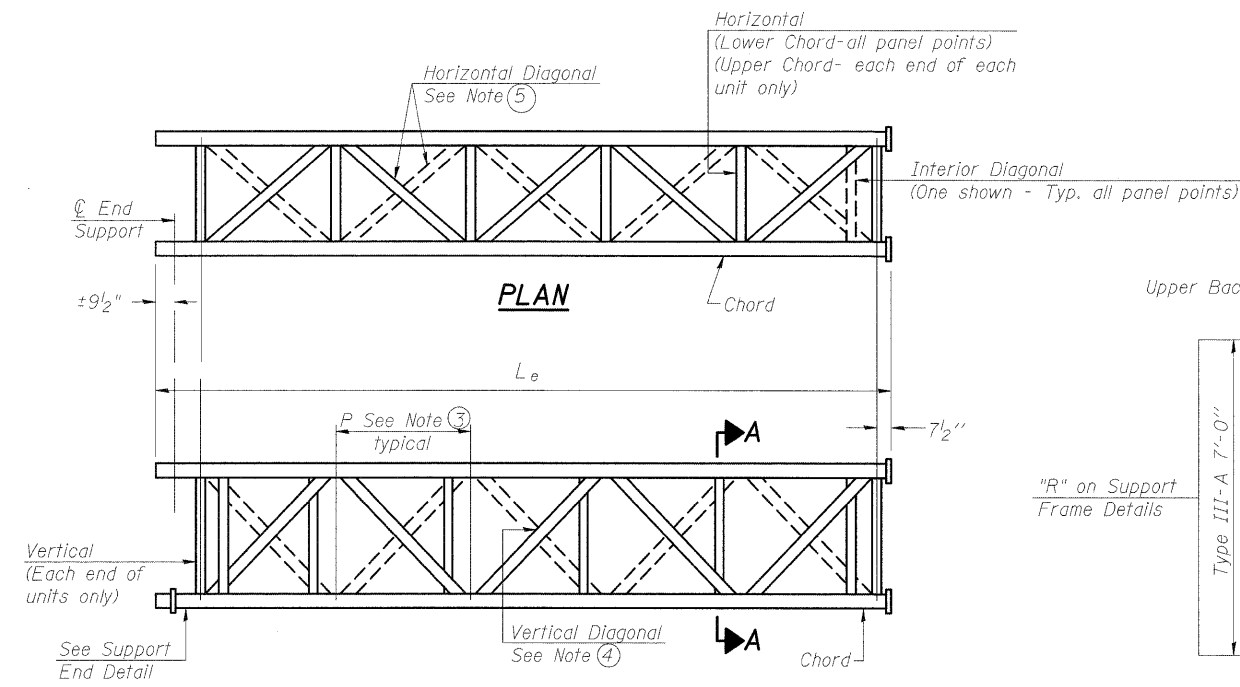


SUPPORT END DETAIL FOR EXTERIOR UNIT



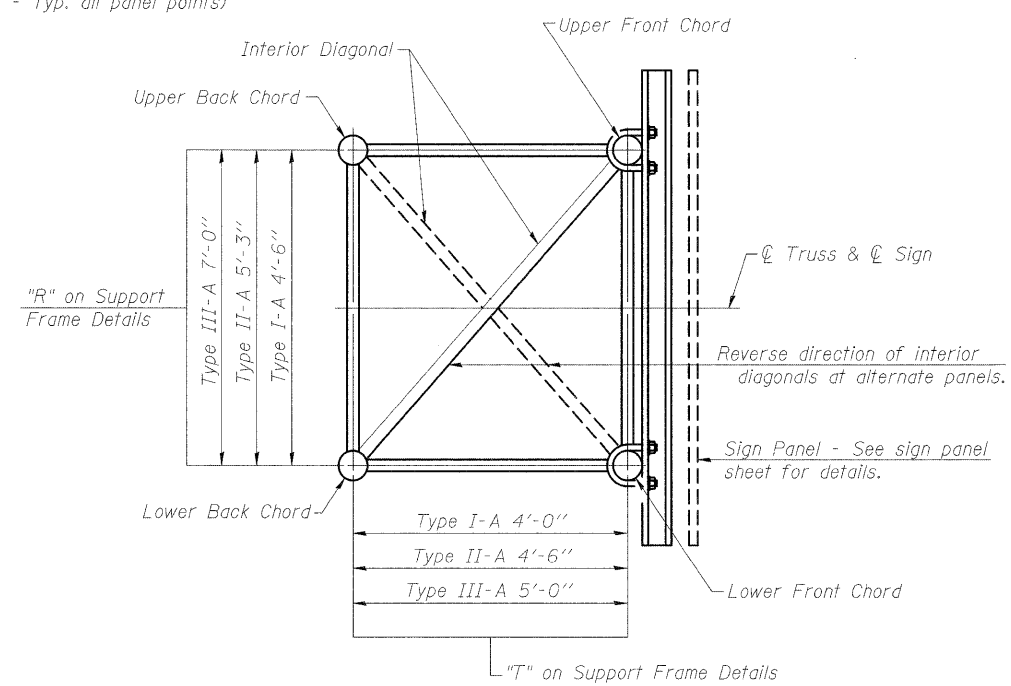
TYPICAL JOINT DETAILS

DETAIL A



**ELEVATION
TYPICAL EXTERIOR UNIT**

Even or odd number of panels/exterior units allowed.



SECTION A-A

- ① Contractor may alternatively use standard aluminum drive-fit cap to close end. 1/2" ϕ drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- ② 5 1/2" end dimension may vary by $\pm 1"$ to provide uniform panel spacing (P).
- ③ Panel spacing (P) shall be uniform for entire truss and between 4'-0" and 5'-0" for Type I-A or 4'-0" and 5'-6" for Types II-A and III-A.
- ④ Vertical Diagonals in front and back face shall alternate.
- ⑤ Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- ⑥ All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a 3/4" minimum to 1 1/2" maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.

OS-A-2

1-20-11

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -
est\pw_work\pwidth\burnsideem\d0129244\d	76415-shit-plan.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

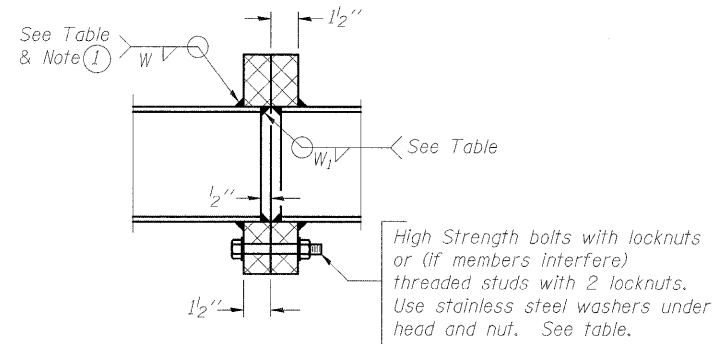
OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS
DETAILS FOR TRUSS TYPES I-A, II-A AND III-A

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	78
CONTRACT NO. 76415				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

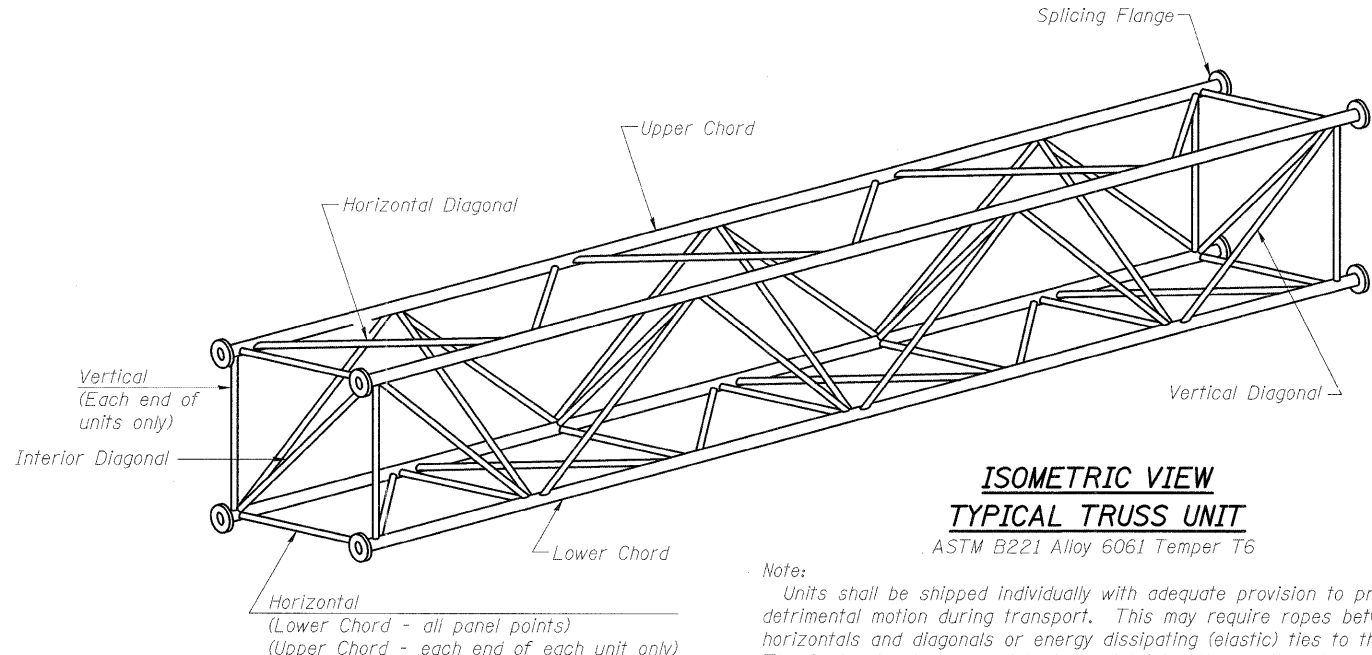
TRUSS UNIT TABLE

Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit			Upper & Lower Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals		Camber at Midspan	Splicing Flange						
			No. Panels per Unit	Unit Lgth.(L _e)	Panel Lgth.(P)	No. Req'd.	No. Panels per Unit	Unit Lgth.(L _i)	Panel Lgth.(P)	O.D.	Wall	O.D.		Wall	Bolts		Weld Sizes		A	B
															No./Splice	Dia.	W	W ₁		
8S082I064R006.7	262+36	I-A	7	34'-6 1/2"	4'-8"				5"	5/16"	2 1/2"	5/16"	1.625"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"	



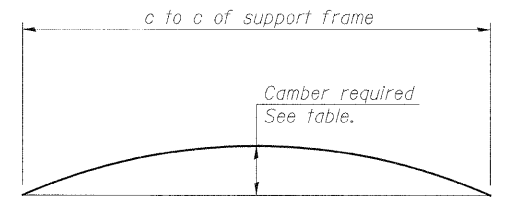
SECTION B-B

① Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining welds are made after disassembly. Adjacent flanges shall be "match marked" to insure proper field assembly.



ISOMETRIC VIEW TYPICAL TRUSS UNIT

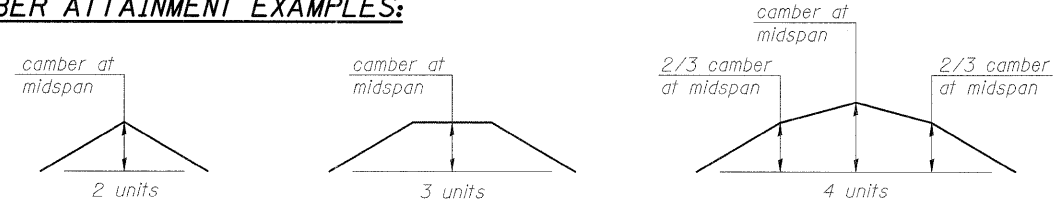
Note: Units shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The Contractor is responsible for maintaining the configuration and protection of the units.



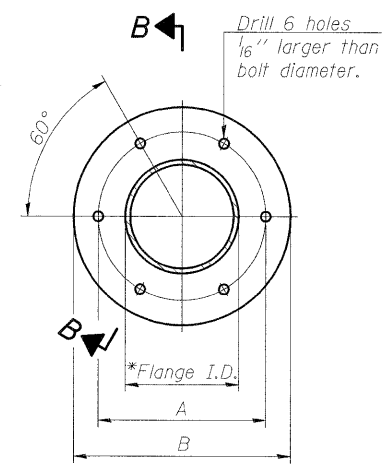
CAMBER DIAGRAM

Camber curve shown is theoretical. Actual camber attained by slope changes at splices between units.

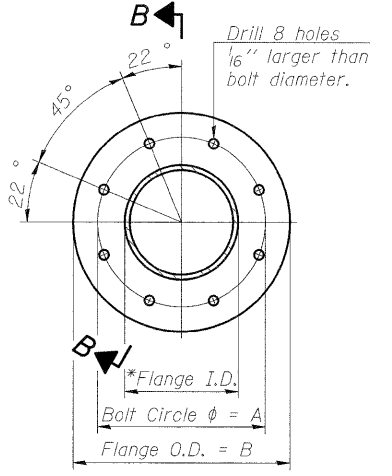
CAMBER ATTAINMENT EXAMPLES:



Camber shown is for fabrication only, measured with truss fully supported. (No-load condition)



TRUSS TYPES I-A, II-A, & III-A



TRUSS TYPES II-A & III-A SPLICING FLANGES

ASTM B221, Alloy 6061-T6 or ASTM B209, Alloy 6061-T651
*To fit O.D. of Chord with maximum gap of 1/16".

OS4-A-2

1-20-11

FILE NAME =	USER NAME = burnsideam	DESIGNED -	REVISED -
ct\pw\work\p\idot\burnsideam\ad0109244\d876415-sht-plan.dgn		DRAWN -	REVISED -
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PLOT DATE = 10/20/2011		DATE -	REVISED -

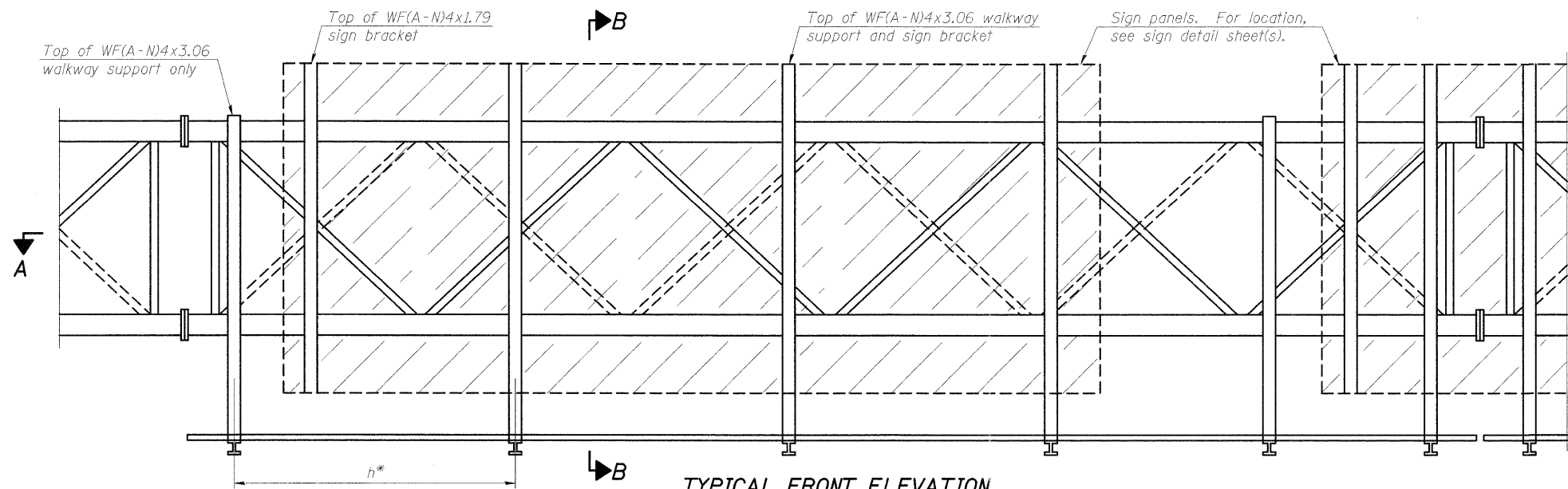
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS DETAILS
FOR TRUSS TYPES I-A, II-A AND III-A**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	79
CONTRACT NO. 76415				

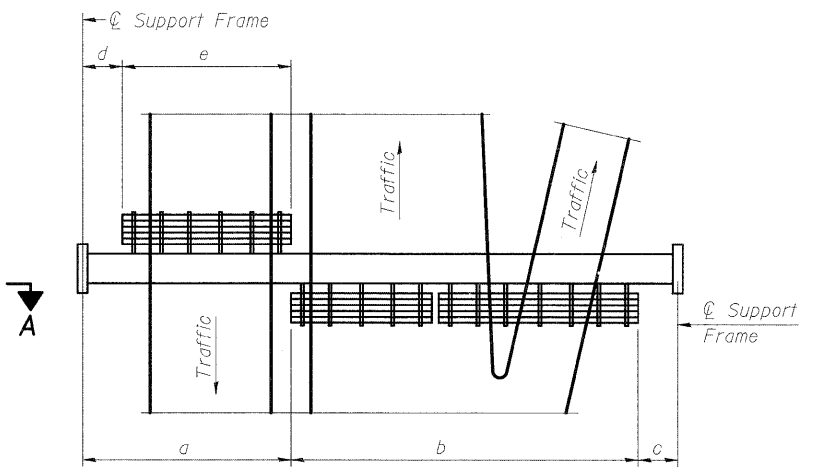
SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____

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



TYPICAL FRONT ELEVATION

With lights and handrail omitted for clarity. For Section B-B, see Base Sheet OS-A-10.



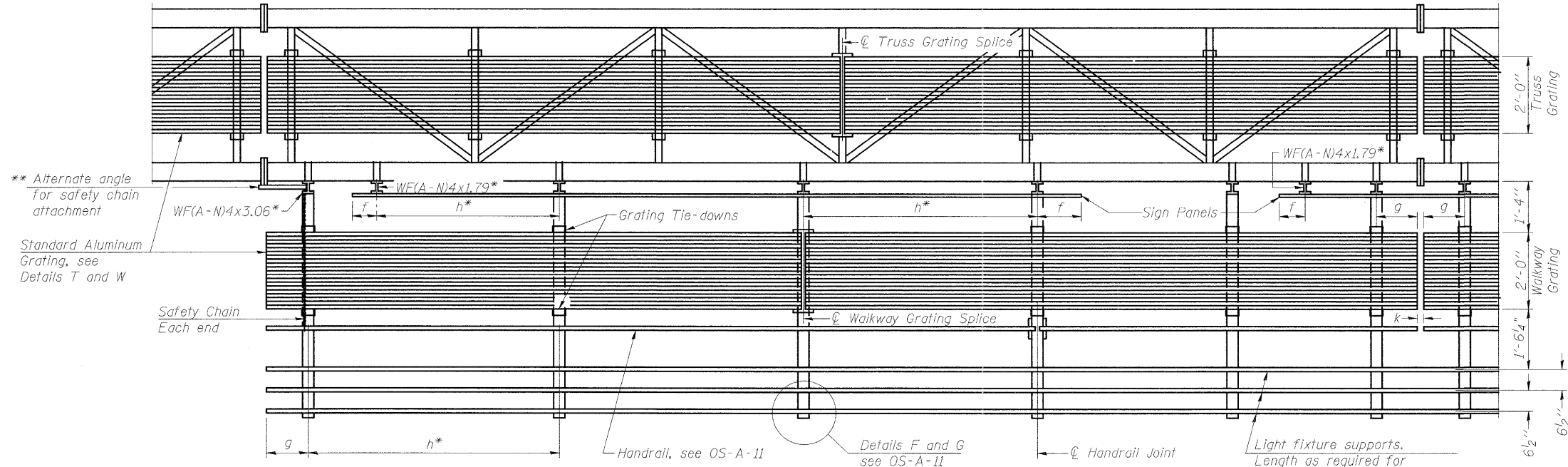
PLAN WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)

BRACKET TABLE

Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

Notes:
 * Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:
 f = 12" maximum, 4" minimum (End of sign to \O of nearest bracket)
 g = 12" maximum, 4" minimum (End of walkway grating to \O of nearest support bracket)
 h = 6'-0" maximum (\O to \O sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)
 k = 2" maximum gap between adjacent walkway grating sections and handrail ends

** If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11.
 For Details T and W, Section B-B and Grating Splice Details see Base Sheet OS-A-10.
 For Handrail Details see Base Sheet OS-A-11.



SECTION A-A

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Handrail joints, grating, and light support splices placed as needed.

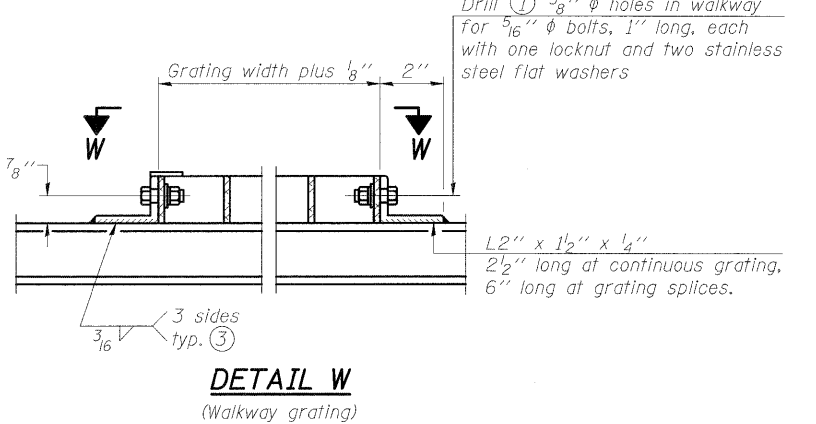
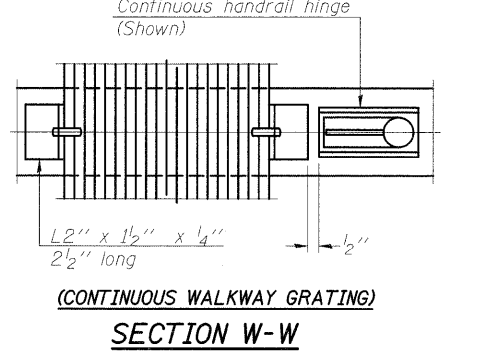
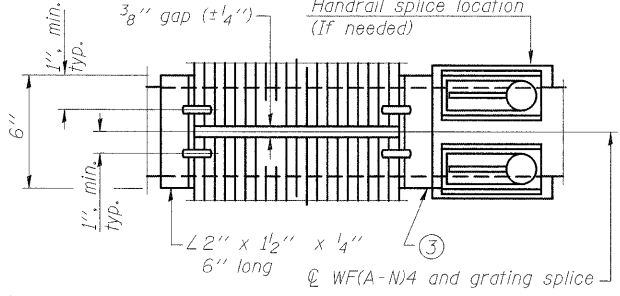
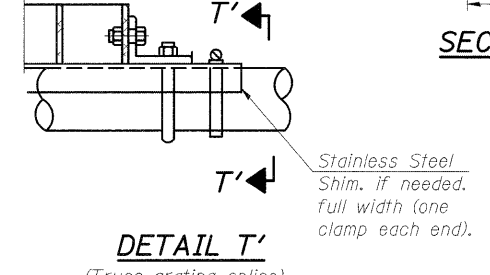
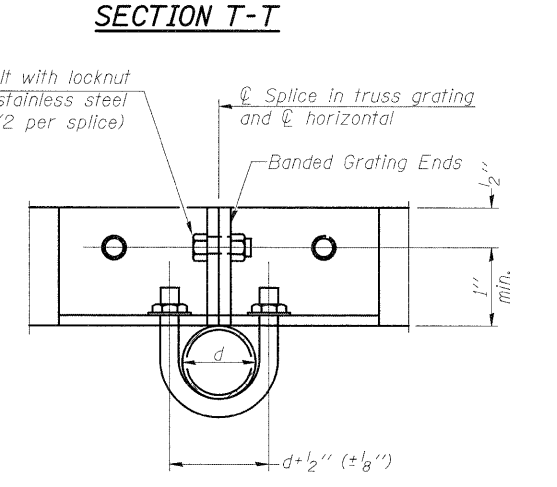
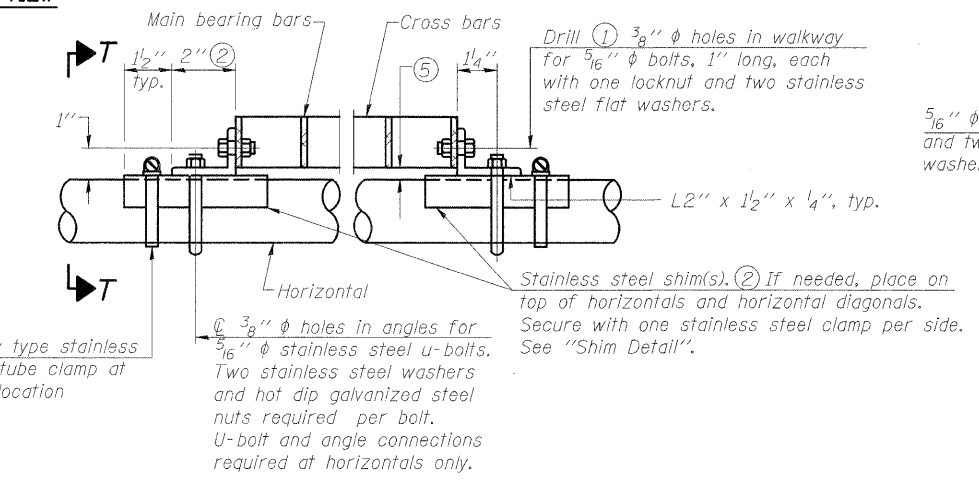
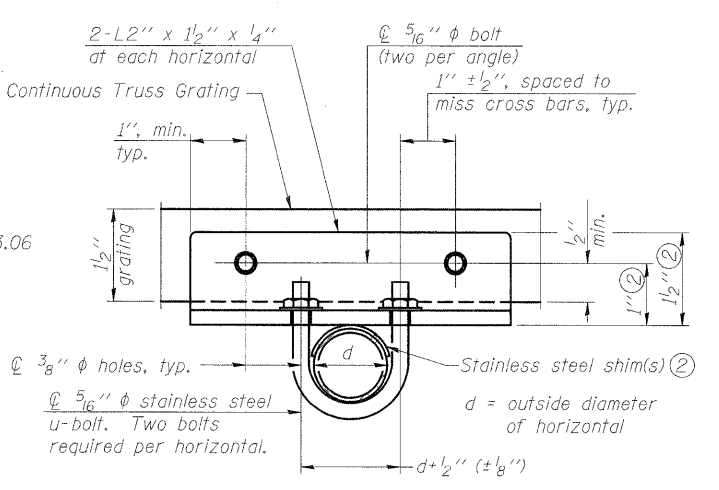
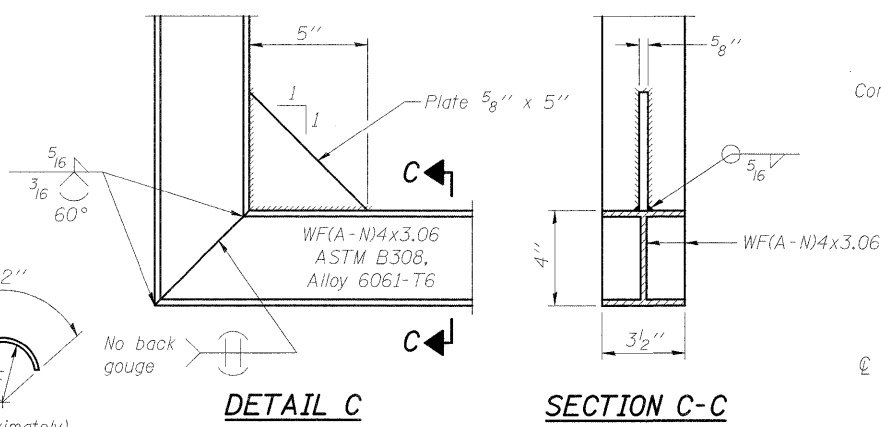
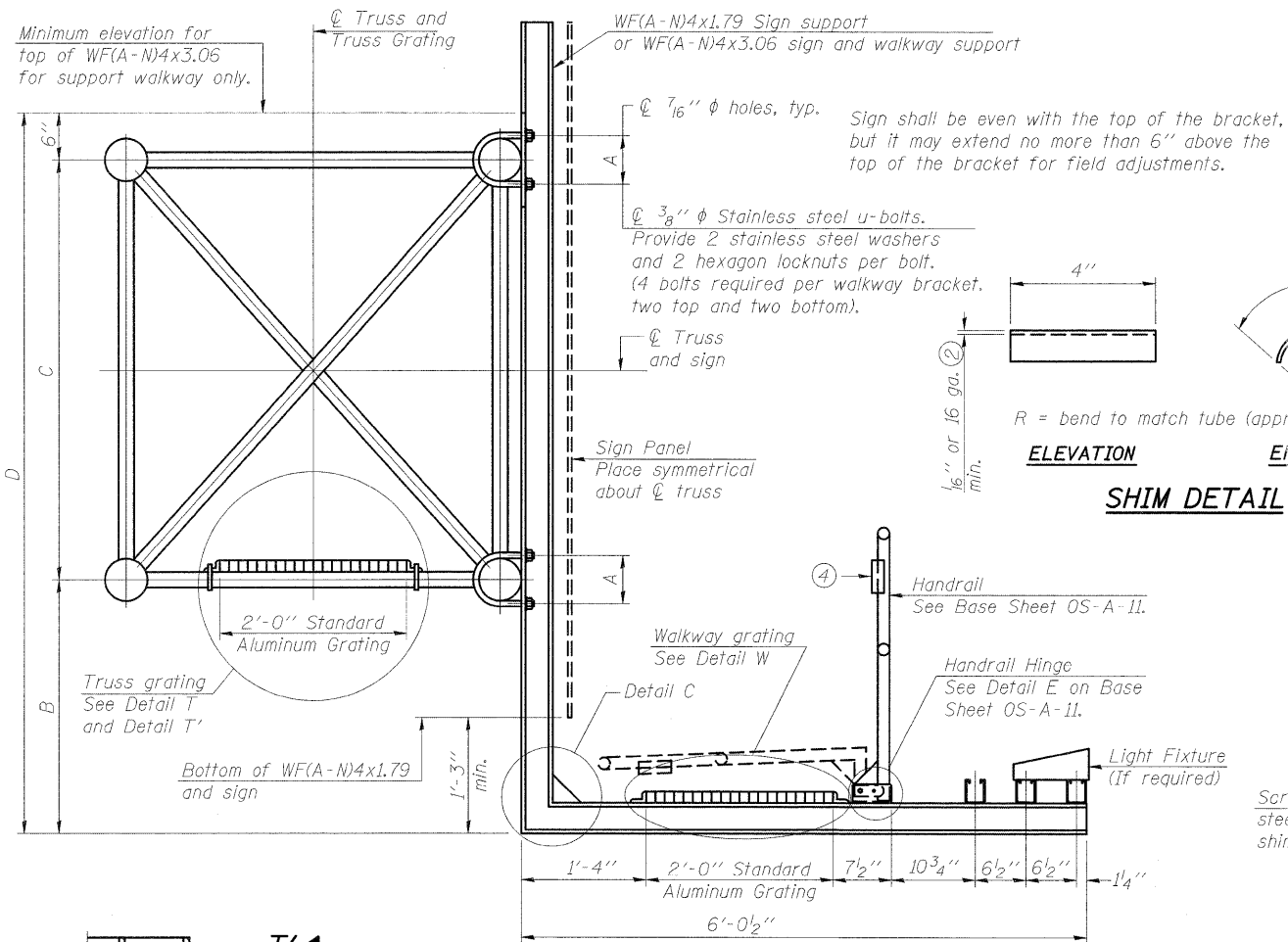
Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
8S0821064R006.7	262+36	18'-6"	36'-0"	13'-0"			36'-0"

Truss grating to facilitate inspection shall run full length (center to center of support frames) $\pm 12"$ on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

Walkway and Truss Grating width dimensions are nominal and may vary $\pm 1/2"$ based on available standard widths.

OS-A-9

1-20-11



SPECIFICATIONS FOR STANDARD ALUMINUM GRATING

Main Bearing Bars shall be 3/16" x 1 1/2" on 1 3/16" centers and conform to ASTM B221 Alloy 6061-T6.
 Cross bars shall be 3/16" x 1 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

OR

Aluminum Grating with modified "4" sections for main bearing bars shall meet the following requirements:
 Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.³ per bar, a depth of 1 1/2", spaced on 1 3/16" centers.
 Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

Structure Number	Station	A	(6) B	C	(6) D
8S0821064R006.7	262+36	5 7/16"	9'-3"	4'-6"	14'-3"

- Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- If Handrail Joint present, weld angle to WF(A-N)4 and 1/4" extension bars. (See Base Sheet OS-A-11.)
- 1/8" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.
- Tube to grating gap may vary from 0 to 1/2", max. to align walkway, allow for camber, etc.
- Based on actual height of tallest sign given on OS-A-1.

OS-A-10

1-20-11

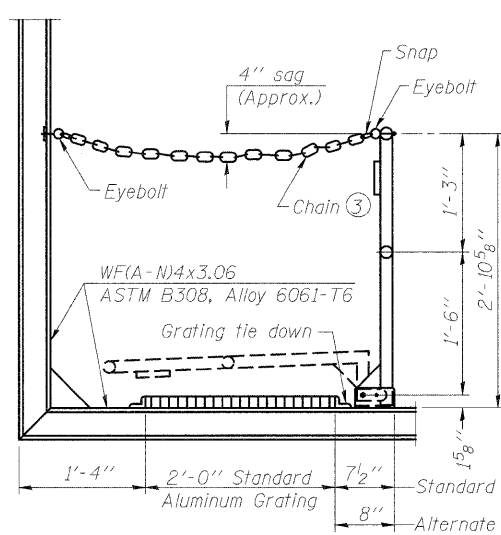
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

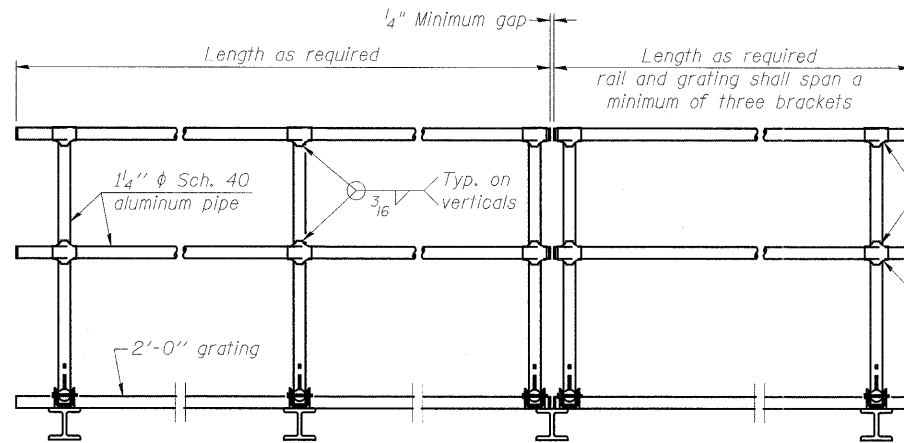
OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	81
CONTRACT NO. 76415			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT	



SIDE ELEVATION
(Showing safety chain w/o sign)

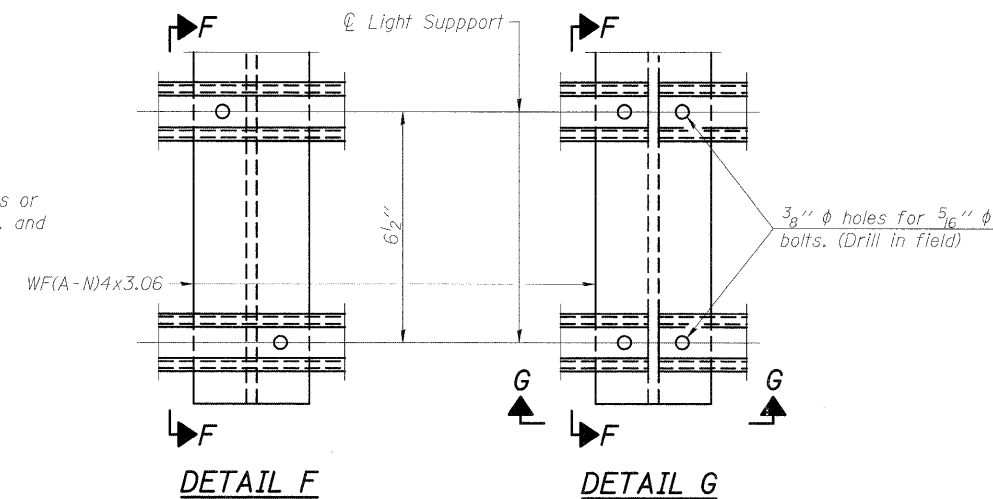


FRONT ELEVATION

HANDRAIL DETAILS

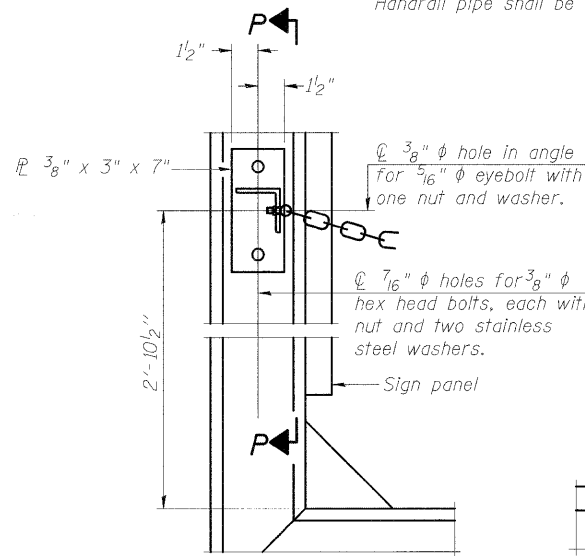
Handrail pipe shall be ASTM B241 or B429, Alloy 6063-T6 or Alloy 6061-T6.

- Install standard force-fit end caps or weld 1/8" end plates with 1/8" c.f.w. and grind smooth. (All rail ends)
- Horizontal handrail member shall be continuous thru fitting. Provide 7/16" hole in fitting for 3/8" bolt. Field drill 7/16" hole in horizontal rail member. Provide locknut and two stainless steel washers for bolt. (Use 5/16" eyebolts in 7/16" holes on top rail at ends only.)

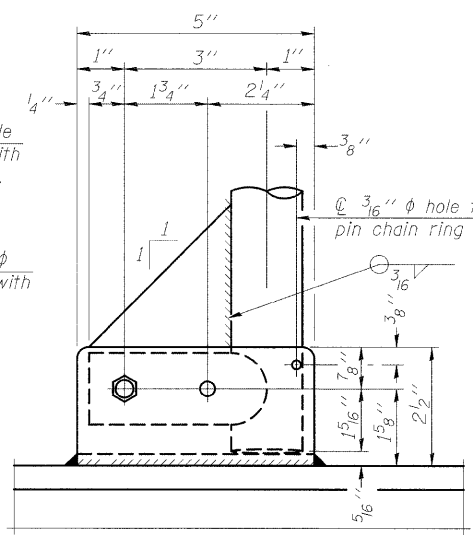


DETAIL F

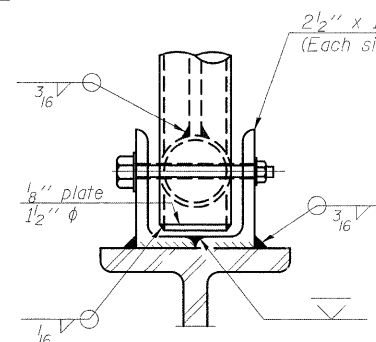
DETAIL G



ALTERNATE SAFETY CHAIN ATTACHMENT
(With Sign Present)
Items not shown same as "Side Elevation" of "Handrail Details"

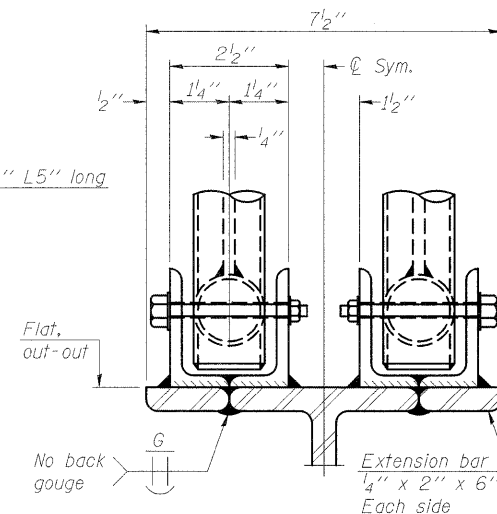


SIDE ELEVATION

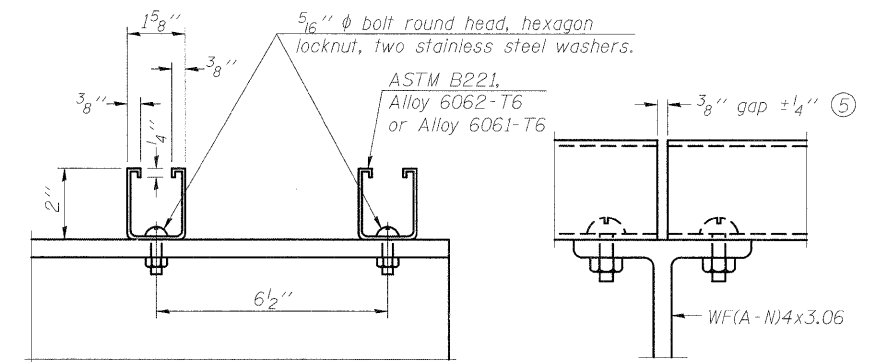


FRONT ELEVATION

See "Elevation" at right for dimensions.



ELEVATION AT HANDRAIL JOINT ④

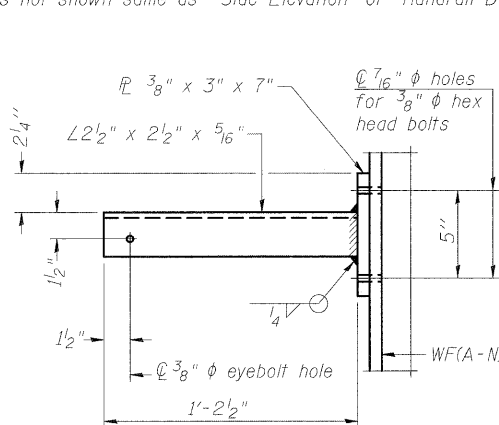


SECTION F-F

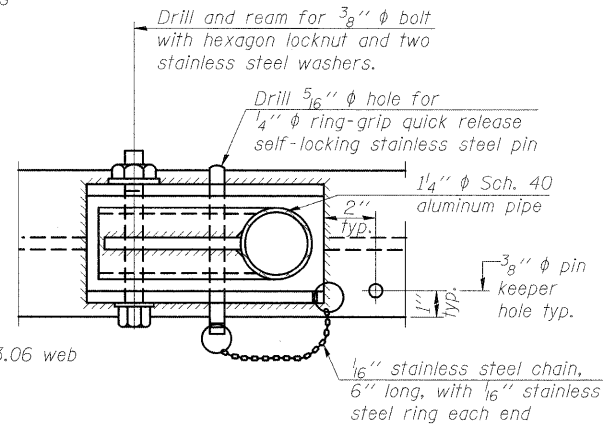
SECTION G-G

LIGHTING FIXTURE MOUNTS (IF REQUIRED)

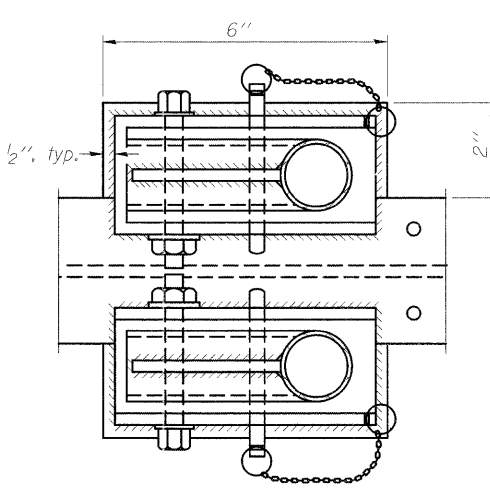
- Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.



SECTION P-P

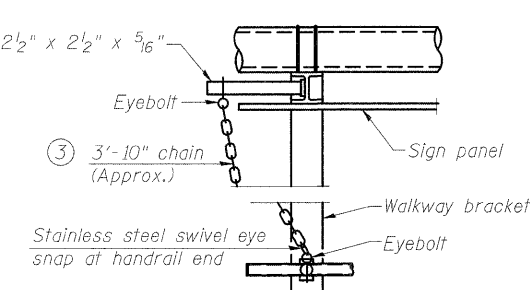


PLAN DETAIL E HANDRAIL HINGE

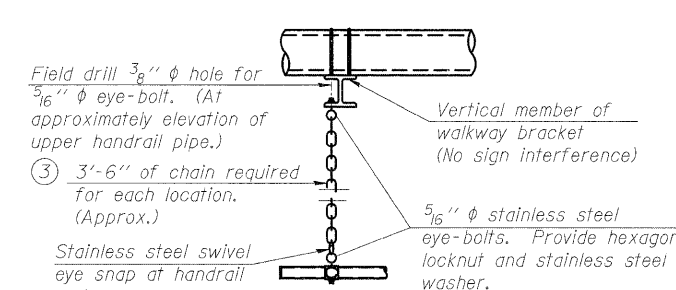


PLAN AT HANDRAIL JOINT

Details not shown same as "PLAN"



ALTERNATE SAFETY CHAIN ATTACHMENT
Details not shown similar to "Safety Chain" Details
(Walkway omitted for clarity)



SAFETY CHAIN
One required for each end of each walkway.

- 3/16" Type 304L stainless steel chain, approximately 12 links per foot.
- Extrusions may be used in lieu of the details shown, with approval of the Engineer.

OS-A-11

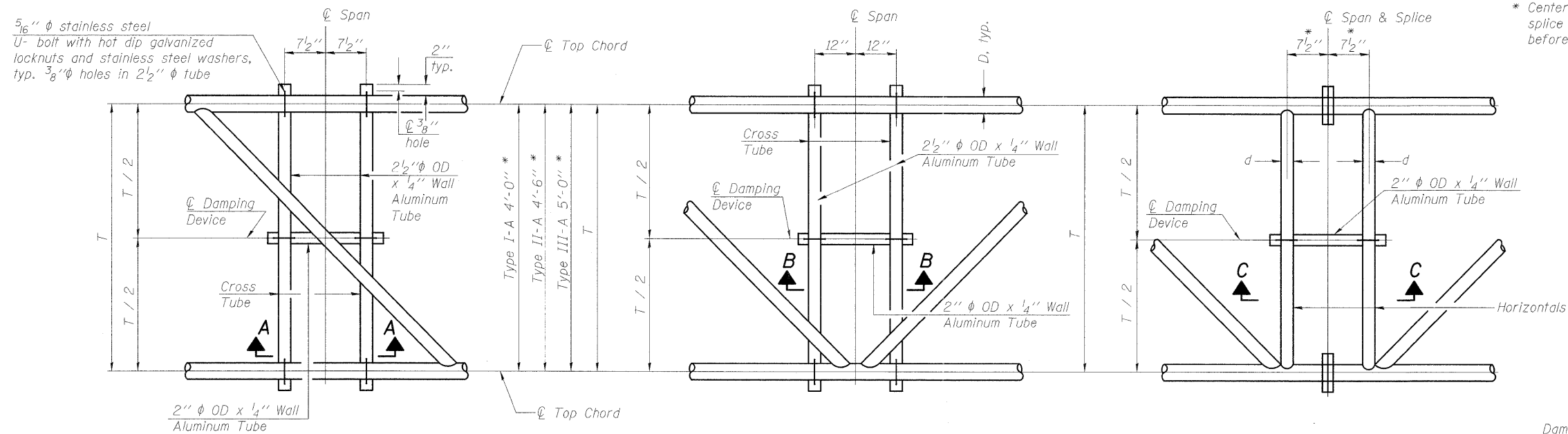
1-20-11

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	PLOT DATE = 10/20/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES			
ALUMINUM HANDRAIL DETAILS			
SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	82
CONTRACT NO. 76415				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				



* Center of horizontal to center of splice dimension may vary. Verify before drilling holes in mounting tube.

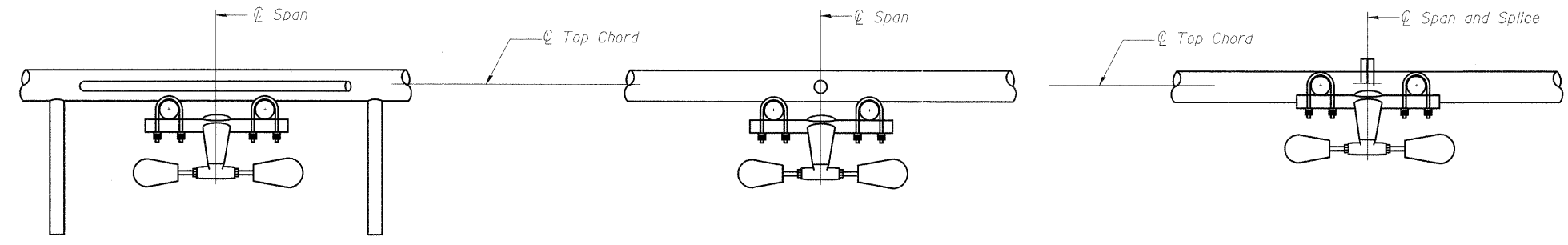
PLAN DETAIL "A"
 ☉ Span between Panel Points

PLAN DETAIL "B"
 ☉ Span at Panel Point

PLAN DETAIL "C"
 ☉ Span at ☉ Chord Splice

NOTES
 Damper: One damper per truss. (31 lbs. minimum Stockbridge-Type Aluminum - 29" minimum between ends of weights).

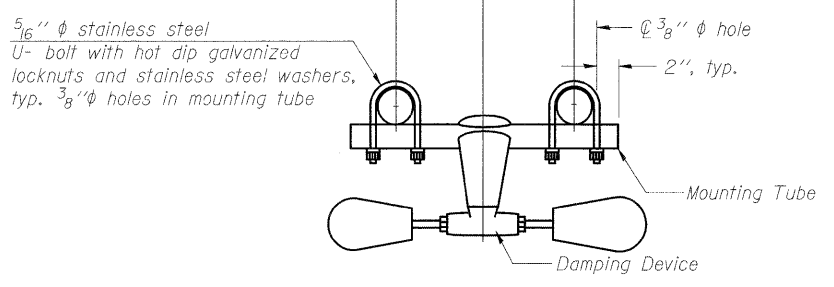
Materials: Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...



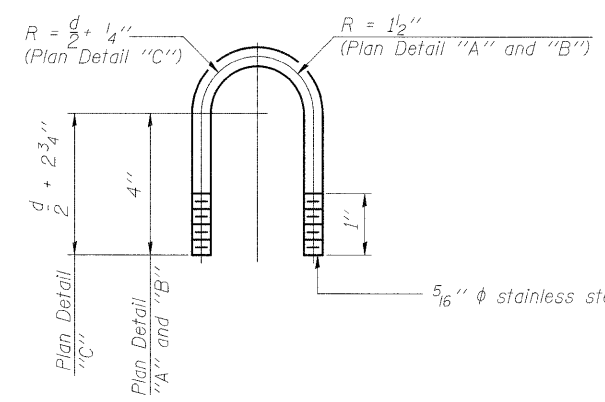
SECTION A-A

SECTION B-B

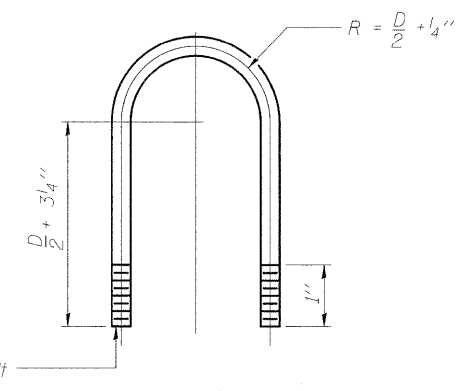
SECTION C-C



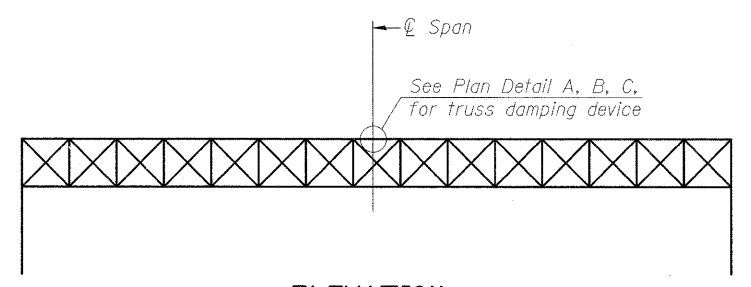
TRUSS DAMPING DEVICE CONNECTION DETAIL
 (Typical)



DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL
 (Typical)



TOP CHORD TO CROSS TUBE U-BOLT DETAIL
 (Typical - Detail "A" and "B")



ELEVATION
 Aluminum Overhead Sign Truss

OS-A-D

1-20-11

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -
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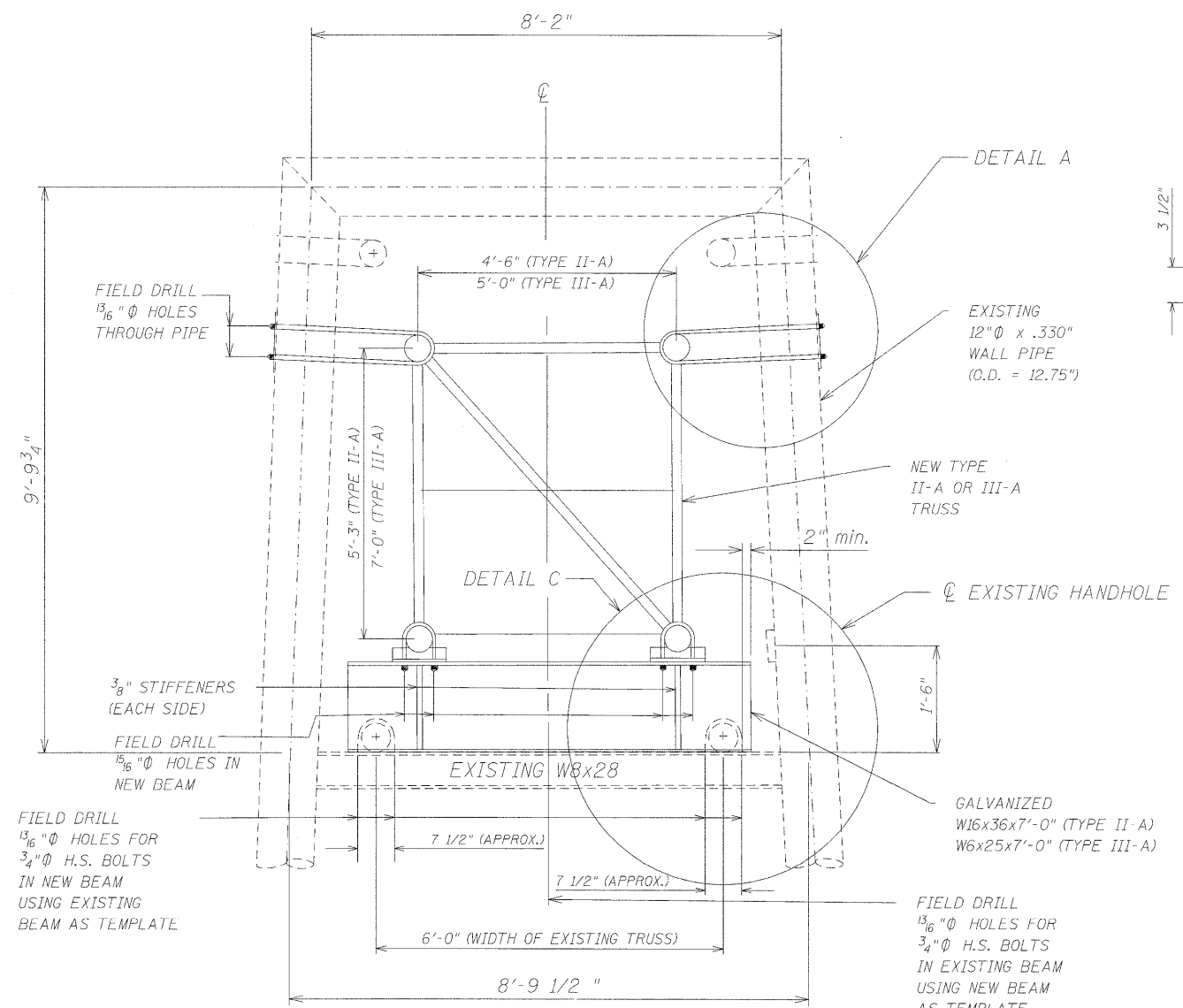
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURE
 DAMPING DEVICE

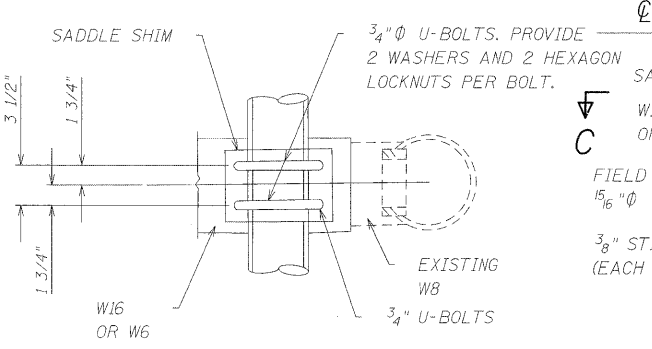
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	83
CONTRACT NO. 76415				

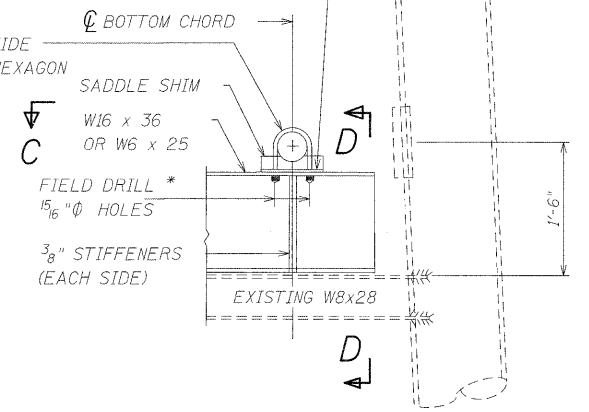
* VARIOUS ROUTES
 ** OVD SIN STR REP & REPL 2003-5 VARIOUS COUNTIES



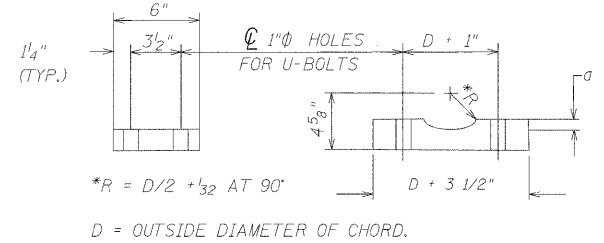
SIDE VIEW



SECTION C-C



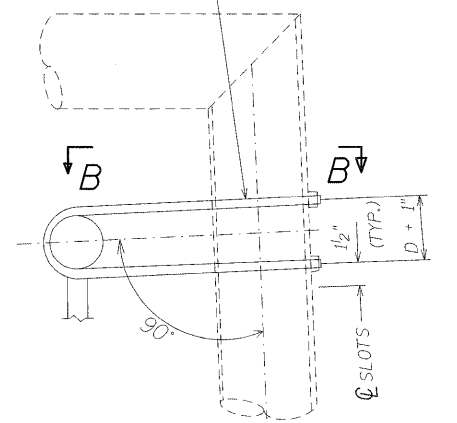
DETAIL C



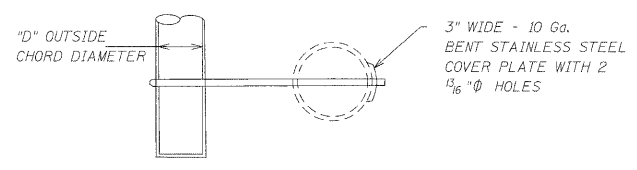
SADDLE SHIM DETAIL

ASTM B26 ALLOY 356-F
 OR
 ASTM B209 ALLOY 6061-T651
 (4 REQUIRED PER SIGN TRUSS)

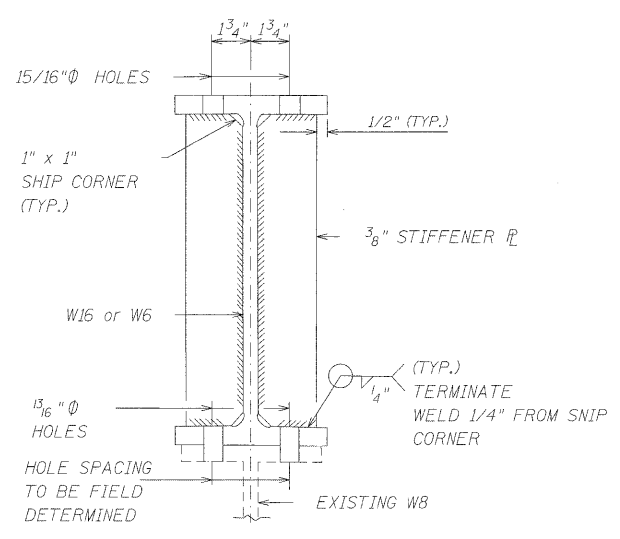
3/4" Ø STAINLESS STEEL U-BOLT PROVIDE TWO WASHERS AND TWO HEXAGON LOCKNUTS. FIELD DRILL 15/16" Ø HOLES THROUGH PIPE. (4 HOLES REQUIRED PER PIPE)



DETAIL A



SECTION B-B



SECTION D-D

Truss Chord Nominal Dia.	a
5"	3/4"
5 1/2"	13/16"
6"	7/8"
6 1/2"	15/16"
7"	1"
8 1/2"	1 1/4"
9"	1 3/8"

NOTES

- This sheet applies only to the following structures:
 Structure No. 8S082I064R006.7
- The Contractor and the Engineer shall field verify the height of the riser needed to maintain the proper clearance above the roadway.

OS-A-12-RETROFIT 4-01-99

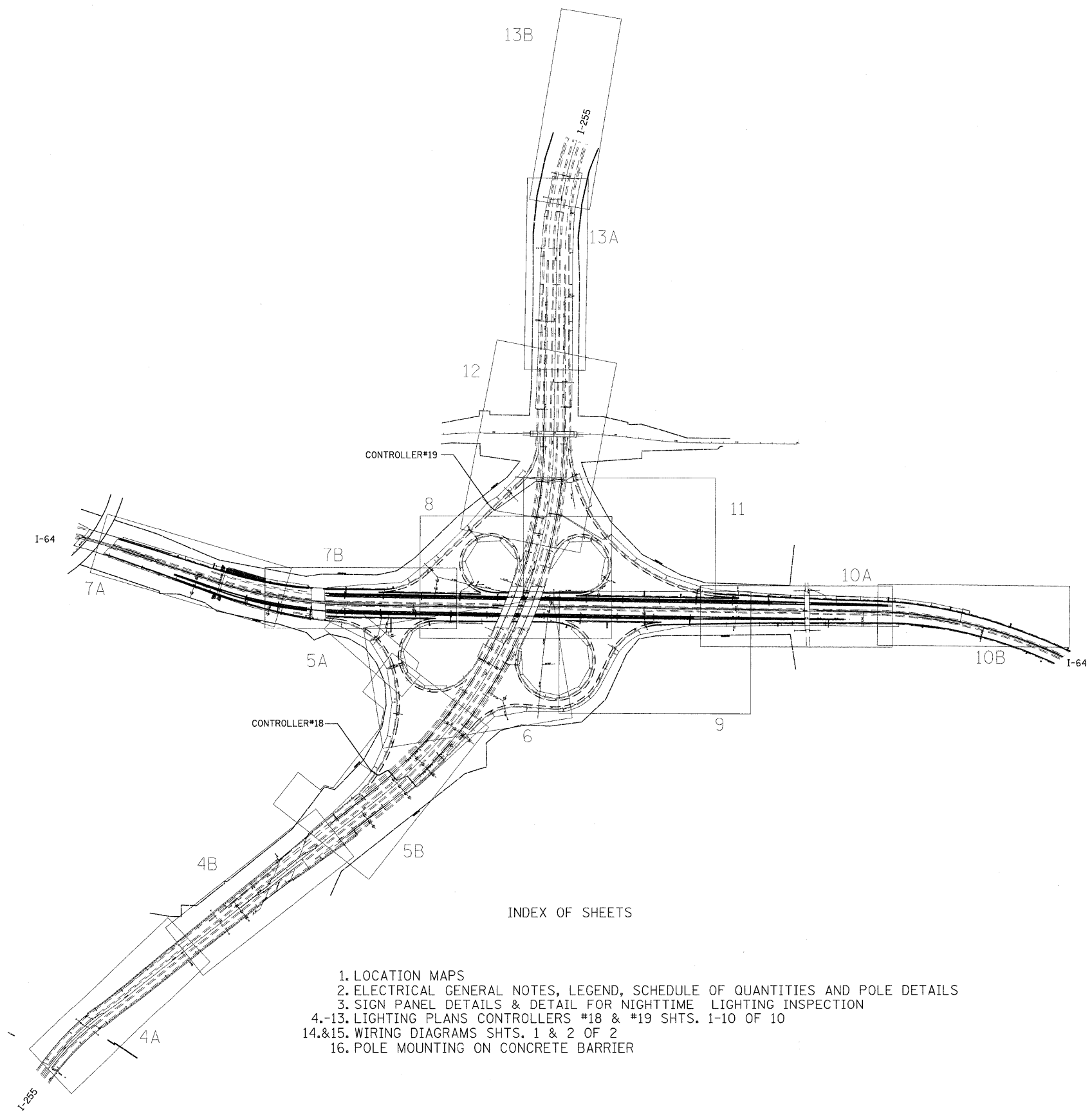
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	PLOT DATE = 10/20/2011	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES EXISTING SUPPORT
 FRAME RETROFIT FOR ALUMINUM TRUSS

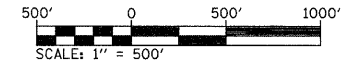
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3,4)RS	ST. CLAIR	167	84
CONTRACT NO. 76415				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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



INDEX OF SHEETS

- 1. LOCATION MAPS
- 2. ELECTRICAL GENERAL NOTES, LEGEND, SCHEDULE OF QUANTITIES AND POLE DETAILS
- 3. SIGN PANEL DETAILS & DETAIL FOR NIGHTTIME LIGHTING INSPECTION
- 4.-13. LIGHTING PLANS CONTROLLERS #18 & #19 SHTS. 1-10 OF 10
- 14.&15. WIRING DIAGRAMS SHTS. 1 & 2 OF 2
- 16. POLE MOUNTING ON CONCRETE BARRIER



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	PLOT DATE = 12/6/2011	DATE -	REVISED -										

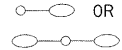
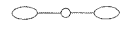





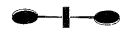
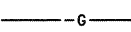

ELECTRICAL GENERAL NOTES

- THE CONTRACTOR SHALL BE REQUIRED TO SUPPLY AN AIMING DEVICE TO ADJUST THE LUMINAIRES TO THEIR CORRECT ANGLE. MOUNTING ANGLES ARE BASED ON THE EVALUATION OF THE FOUNDATION LEVEL WITH THE ROADWAY.
- NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR REQUIRED VERTICAL LUMINAIRE MOUNTING ANGLE ADJUSTMENT DURING FINAL INSPECTION.
- THE CONTRACTOR SHALL FIELD VERIFY EXISTING BOLT PATTERNS, DIAMETERS AND THREAD COUNTS.
- CONDUCTOR SPLICES SHALL BE IN POLE BASES OR JUNCTION BOXES. SPLICES BELOW GRADE WILL NOT BE PERMITTED.
- COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED BEFORE INSTALLING UNDERGROUND CONDUIT TO LOCATE HIGHWAY LIGHTING/PUMPING/ITS FACILITIES AND TO COORDINATE OTHER FIELD ACTIVITIES.
- ALL UTILITIES AND DRAINAGE STRUCTURES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO INSTALL CONDUIT OR REMOVE AND REINSTALL ELECTRIC CABLE IN CONDUIT. THE COST FOR LOCATING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE UNIT PRICE FOR UNDERGROUND CONDUIT.
- ABANDON UNUSED CONDUIT AND CABLES UNDER THE MEDIAN.

SCHEDULE OF QUANTITIES

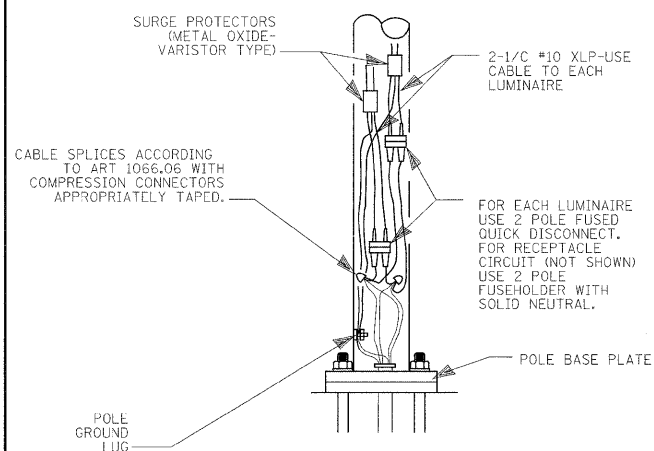
PAY ITEM #	DESCRIPTION	UNIT	TOTAL	CONTROLLER 18	CONTROLLER 19
80300100	LOCATING UNDERGROUND CABLE	FOOT	70	50	20
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	280	180	100
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	130	130	0
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	2306	936	1370
81200250	CONDUIT EMBEDDED IN STRUCTURE, 3" DIA., PVC	FOOT	10	10	0
81300586	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 8" X 24" X 10"	EACH	4	2	2
81702410	ELECTRIC CABLE IN CONDUIT, 600V(XLP-TYPE USE) 3-1/C NO. 4	FOOT	960	960	0
81702415	ELECTRIC CABLE IN CONDUIT, 600V(XLP-TYPE USE) 3-1/C NO. 6	FOOT	1432	0	1432
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	870	275	595
X0502600	TEMPORARY LIGHTING	L SUM	1	0.6	0.4
X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	12	7	5
X8440110	RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE	EACH	12	7	5
Z0026346	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.6	0.4

LEGEND

-  OR  EXISTING LIGHT POLE W/ LUMINAIRE
-  EXISTING ELECTRIC CABLE IN CONDUIT OR UNIT DUCT, AS SPECIFIED
-  EXISTING CONDUIT
-  EXISTING JUNCTION BOX
-  EXISTING LIGHTING CONTROL INSTALLATION
-  EXISTING SIGN TRUSS
-  RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE
-  CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC (CON EMB STR 2 PVC)
-  UNDERGROUND CONDUIT, 2" OR 3" DIA., GALVANIZED STEEL (UNDRGRND CON 3 GALVS) (UNDRGRND CON 2 GALVS)
- EC C XLP USE 3-1C 4 ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO.4
- EC C XLP USE 3-1C 6 ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO.6

SCHEDULE OF CABLE AND CONDUIT

CRKT.#	FROM		TO		LOCATE UNDERGRND CABLE	REM & RE ELCBIL FR CON	EC C XLP USE 3-1C 4	EC C XLP USE 3-1C 6	CON EMB STR 2 PVC	CON EMB STR 3 PVC	UNDRGRND CON 2 GALVS	UNDRGRND CON 3 GALVS	JUN BX SS ES 8X24X10 EACH
					FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
18A	EXB1 A&B	259+35	UNDER EB. HWY.		10	40					5		50
18A	EXB3 A&B	262+00	UNDER EB. HWY.		10	40			5			65	
18A	EXB5 A&B	264+65	UNDER EB. HWY.		10	40				5			80
18A	EXB7 A&B	267+40	EXB9 A&B	270+30			325		305				
18A	EXB9 A&B	270+30	UNDER EB. HWY.		10	70			19		50		1
18A	EXB9 A&B	270+30	EXB11 A&B	273+20			325		305				
18A	EXB11 A&B	273+20	EXB13 A&B	276+10			310		290				
18A	EXB13 A&B	276+10	UNDER EB. HWY.		10	85			12		65		1
19A	WXB2 A&B	267+35	UNDER EB. HWY.		10	80			19		60		1
19A	WXB2 A&B	267+35	WXB4 A&B	270+50				350	330				
19A	WXB4 A&B	270+50	WXB6 A&B	273+65				350	330				
19A	WXB6 A&B	273+65	WXB8 A&B	276+80				350	330				
19A	WXB8 A&B	276+80	UNDER EB. HWY.		10	60			19		40		1
19A	WXB8 A&B	276+80	WXB10 A&B	279+95				350	330				
19A	WXB10 A&B	279+95	WXB12 A&B	282+13		455		32	12				
					70	870	960	1432	2306	10	280	130	4



WIRING DETAIL

NO SCALE

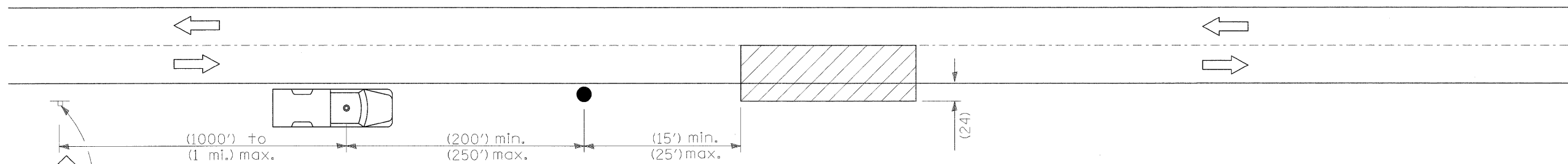
GENERAL NOTES

ALL TAPED SPLICES SHALL USE 2 LAYERS OF ELECTRICAL TAPE OVER 3 LAYERS OF RUBBER TAPE AS REQUIRED BY THE STANDARD SPECIFICATIONS. COAT THE FINISHED TAPED SPLICE WITH BONDING COMPOUND.

ALL CABLE SPLICES SHALL BE TAPED UNLESS ANOTHER METHOD HAS BEEN SPECIFICALLY APPROVED BY THE ENGINEER.

FOR EXAMPLE PURPOSES THE POLE IS SHOWN ON AN ANCHOR BASE. IF THE POLE IS REQUIRED TO BE SET ON A BREAKAWAY BASE, CONSULT THE STANDARD SPECIFICATIONS.

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				ELECTRICAL GENERAL NOTES, LEGEND SCHEDULE OF QUANTITIES AND POLE DETAILS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\p\work\p\dot\b\burnsideem\d0189244\876415-shd-light.dgn	PLT SCALE = 49.9950' / 1"	DRAWN -	REVISED -									64	82-(3-4)RS	ST. CLAIR	167	86
PLT DATE = 12/6/2011	DATE -	CHECKED -	REVISED -									SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____				FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT

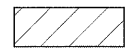


W21-6(0)-48

TYPICAL APPLICATIONS

Utility operations

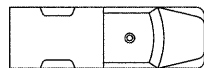
SYMBOLS



Work area



Sign on portable or permanent support



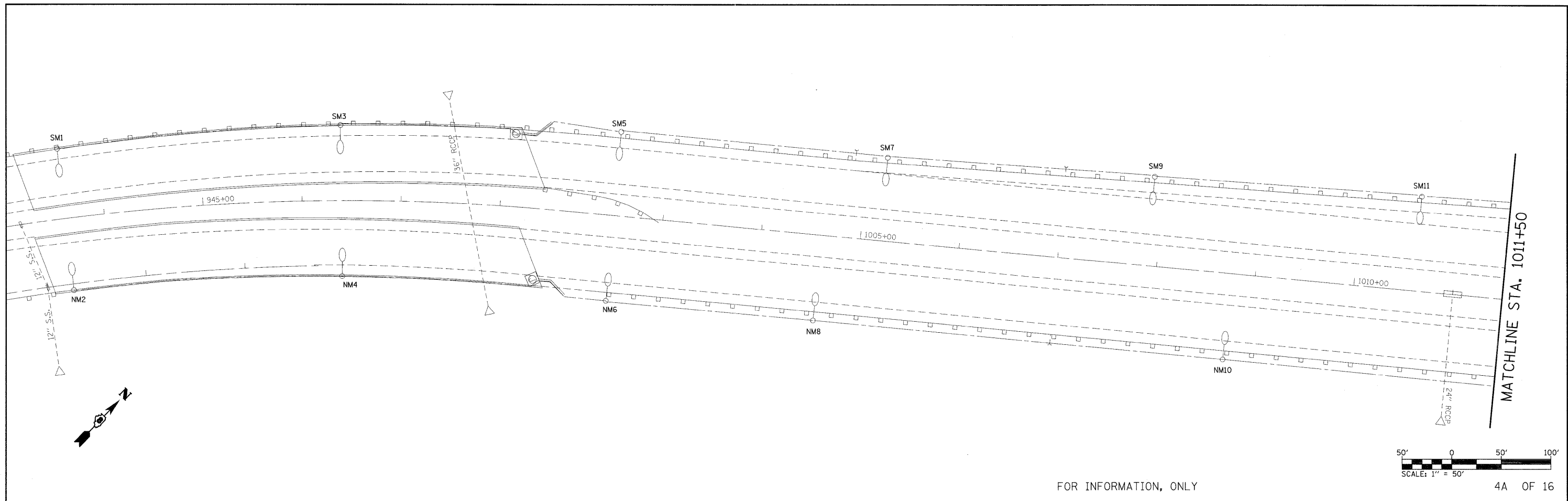
Truck with flashing amber light and dual emergency flashers



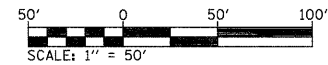
Flagger with traffic control sign

All dimensions are in inches, unless otherwise shown.

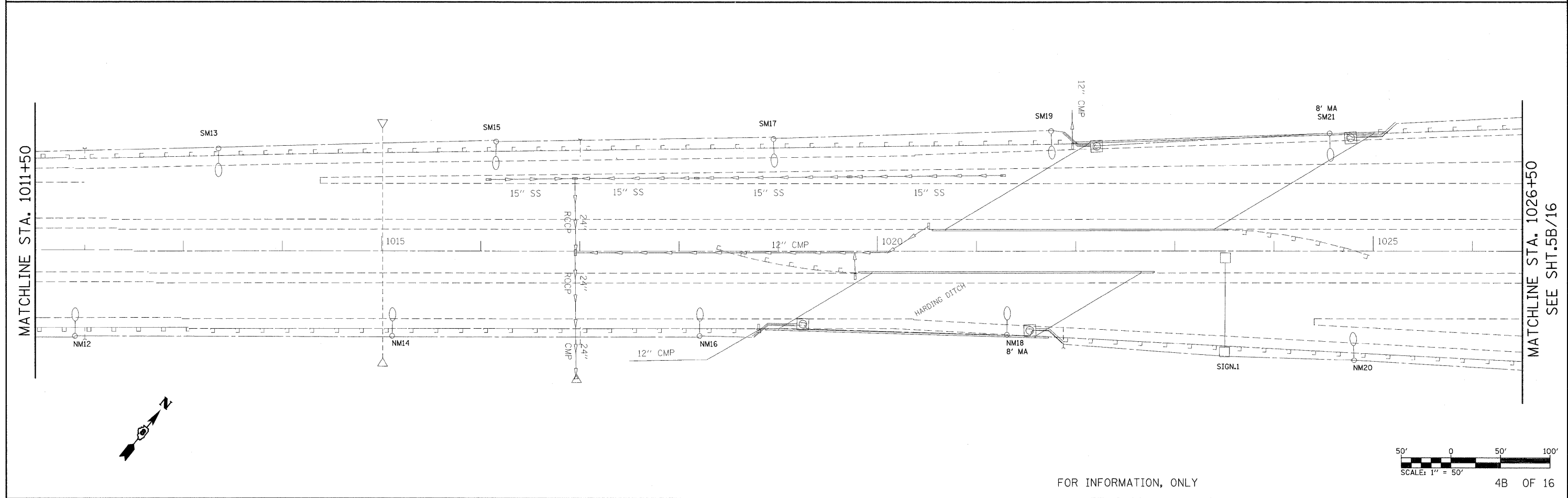
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PLOT SCALE = 50.0100' / in.	CHECKED - ___	REVISED - ___	REVISED - ___			64	82-13-4IRS	ST. CLAIR	167	87
PLOT DATE = 10/20/2011	DATE - ___	REVISED - ___	REVISED - ___			CONTRACT NO. 76415				
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



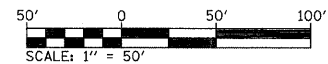
FOR INFORMATION, ONLY



4A OF 16



FOR INFORMATION, ONLY



4B OF 16

FILE NAME = c:\pwork\pwork\burnsideem\1011+50\76415-sht-light.dgn	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING PLANS CONTROLLERS #18 & #19 SHTS. 1A & 1B OF 10		F.A.A. RTE. 64	SECTION 82-(3-4)RS	COUNTY ST. CLAIR	TOTAL SHEETS 167	SHEET NO. 88
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	PLOT DATE = 12/6/2011	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
	SCALE: _____		SHEET NO. _____ OF _____ SHEETS				STA. _____ TO STA. _____				

FOR INFORMATION, ONLY

MATCHLINE
STA. 14+00
SEE SHT.
5B/16

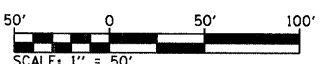
MATCHLINE
STA. 8+00
SEE SHT.
7B/16

MATCHLINE
STA. 14+00
SEE SHT.
5A/16

SEE D3
SHT.
6/16

SEE EX9 A&B
SHT.
7B/16

5A OF 16

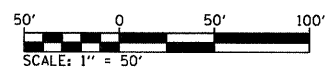


EXISTING ROW

CONTROLLER #18

SEE SHT. 4B/16
MATCHLINE STA. 1026+50

MATCHLINE STA. 1041+00
SEE SHT. 6/16



FOR INFORMATION, ONLY

5B OF 16

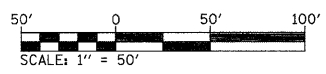
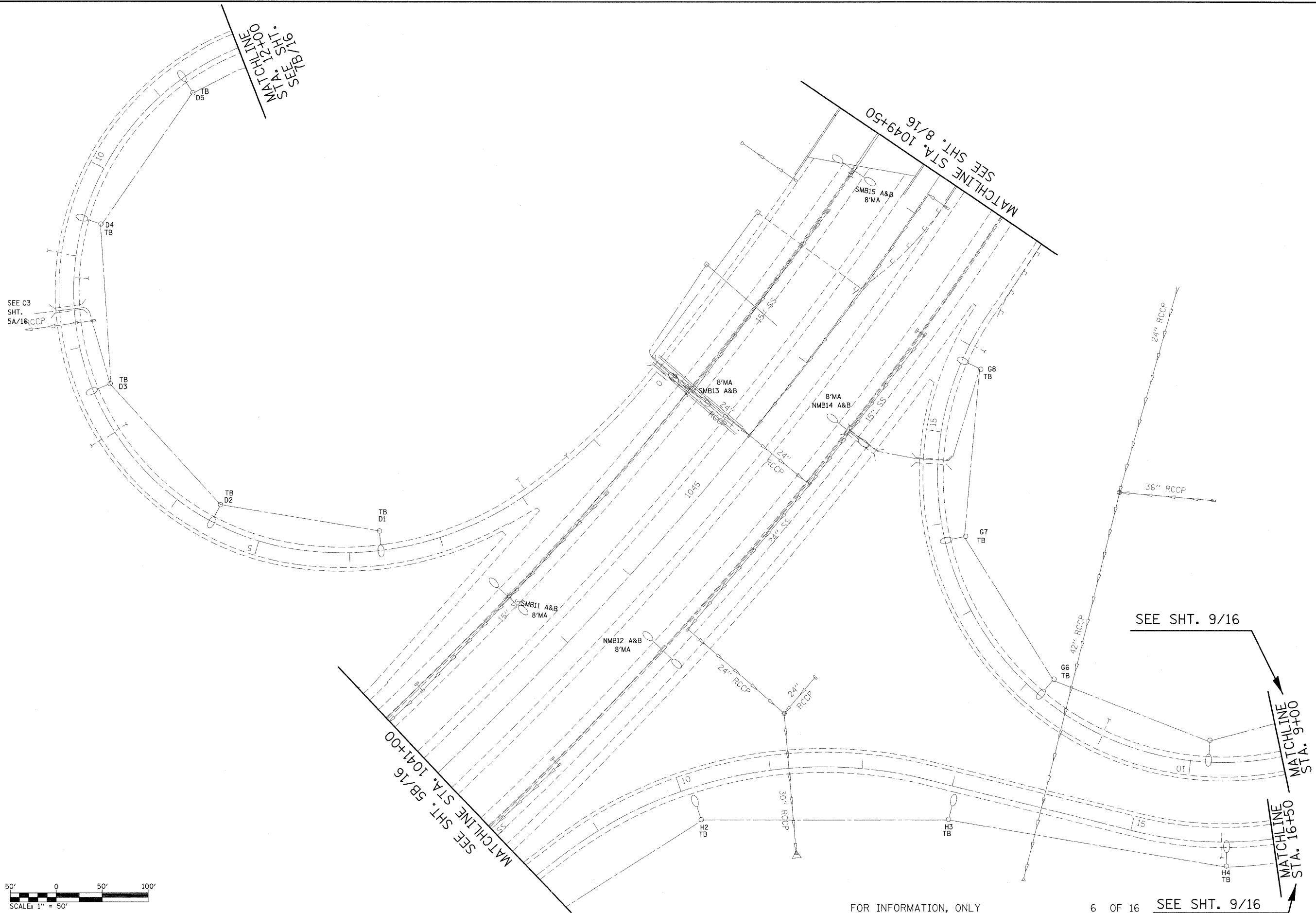
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PLOT SCALE = 49.9950' / 1"	
PLOT DATE = 12/7/2011	

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING PLANS CONTROLLERS #18 & #19 SHTS. 2A & 2B OF 10			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE. 64	SECTION 82-(3-4)RS	COUNTY ST. CLAIR	TOTAL SHEETS 167	SHEET NO. 89
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76415	



FOR INFORMATION, ONLY

6 OF 16 SEE SHT. 9/16

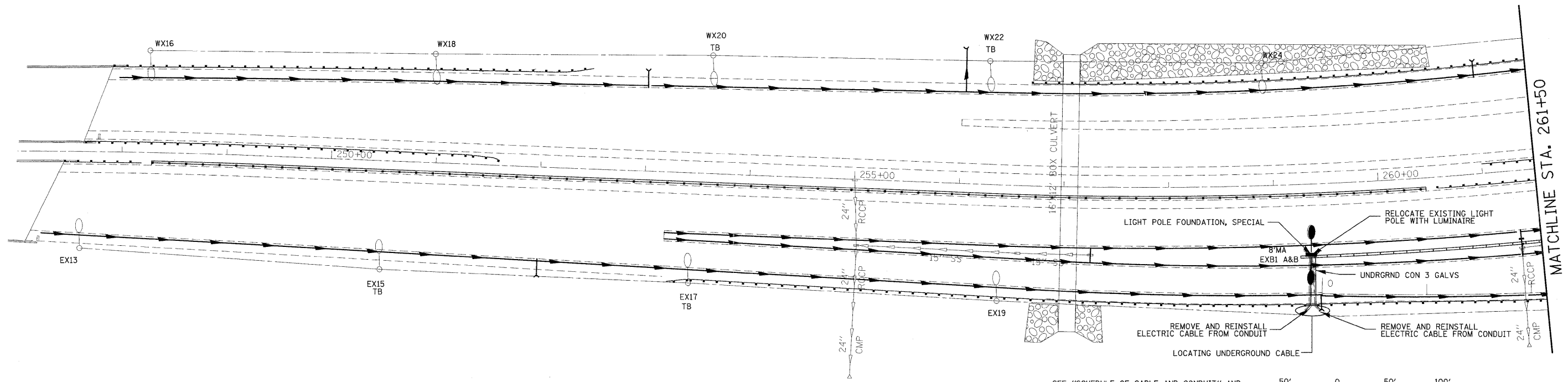
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

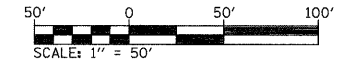
**LIGHTING PLANS
CONTROLLERS #18 & #19 SHTS. 3 OF 10**

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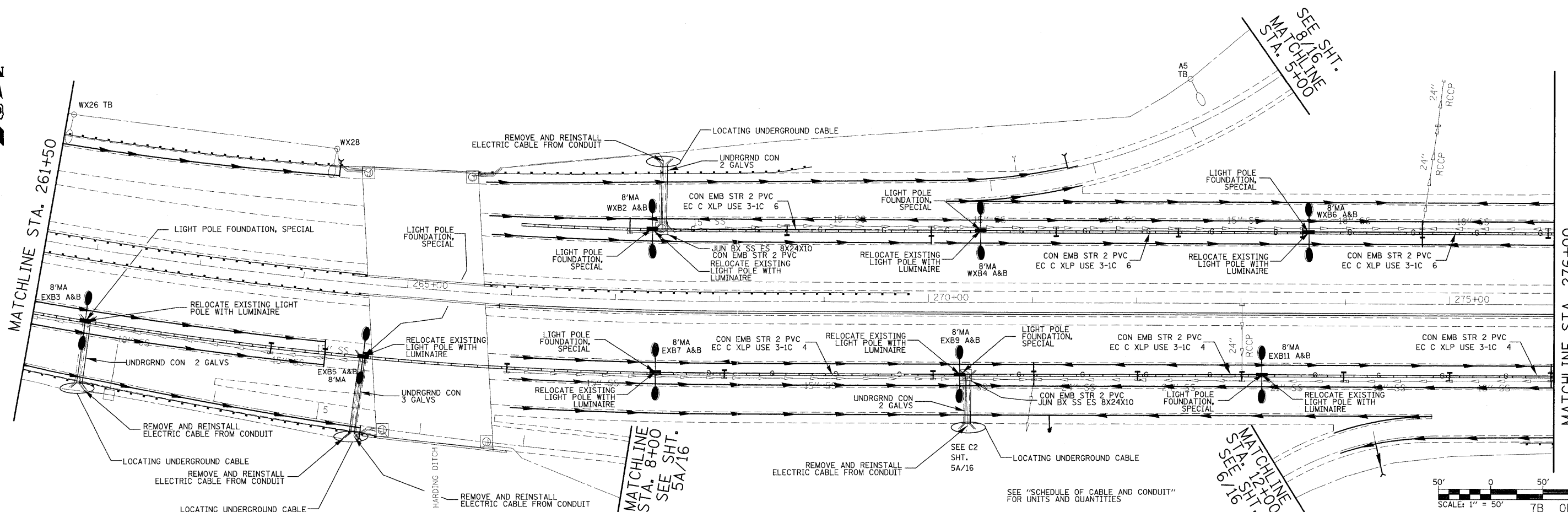
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64	82-13-41RS	ST. CLAIR	167	90
CONTRACT NO. 76415				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



SEE "SCHEDULE OF CABLE AND CONDUIT" AND "SCHEDULE OF LIGHTING EQUIPMENT RELOCATION AND FOUNDATION REPLACEMENT" FOR UNITS AND QUANTITIES



7A OF 16



SEE "SCHEDULE OF CABLE AND CONDUIT" FOR UNITS AND QUANTITIES



7B OF 16

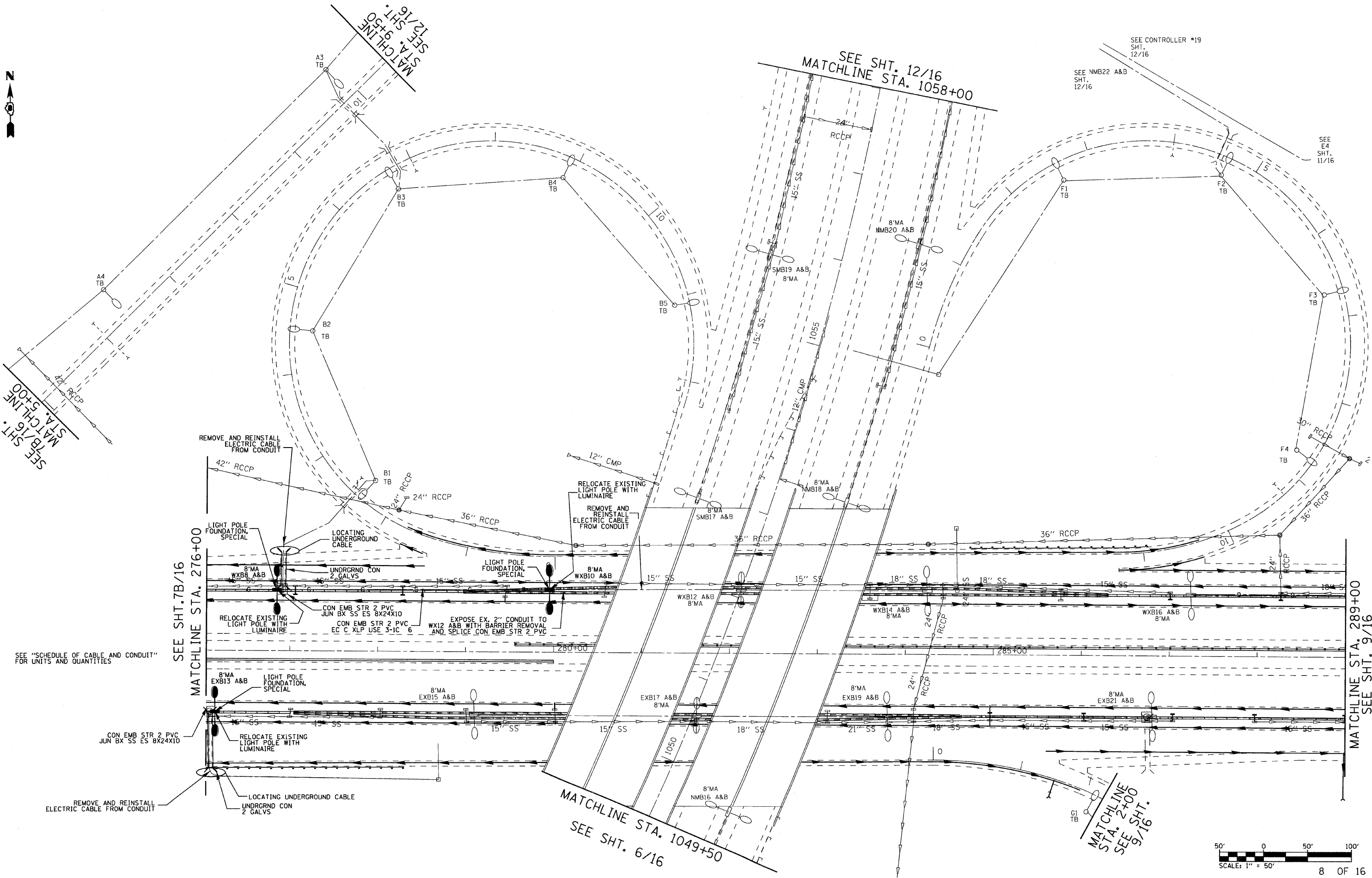
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

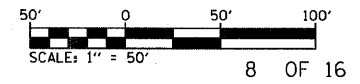
**LIGHTING PLANS
CONTROLLERS #18 & #19 SHTS. 4A & 4B OF 10**

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

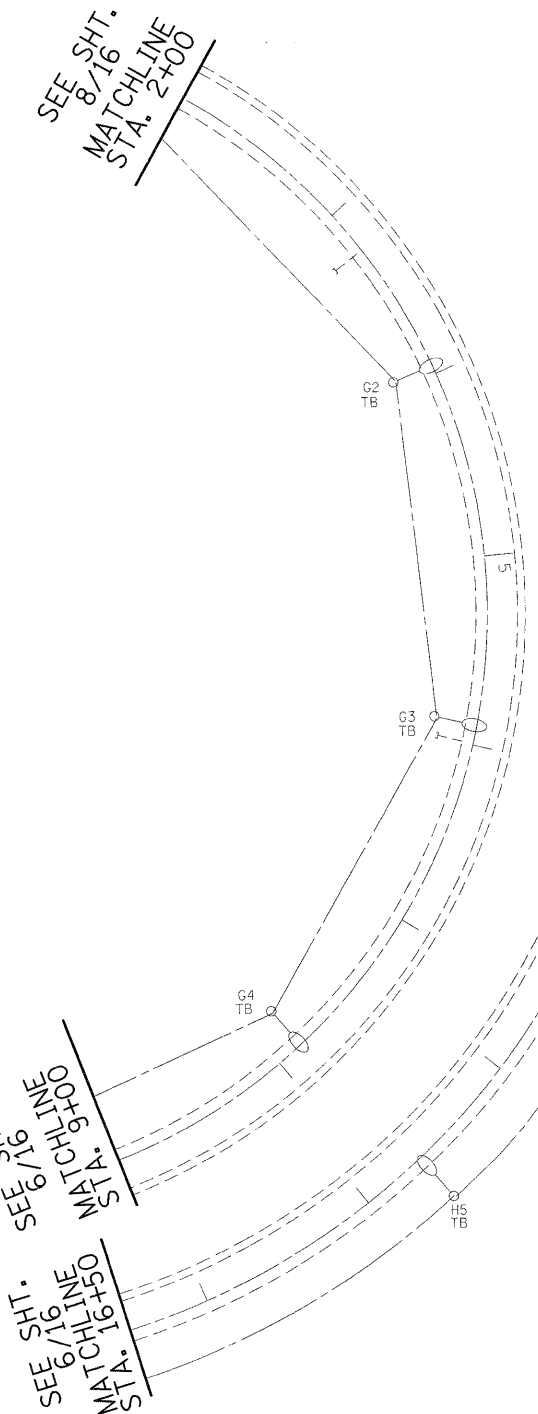
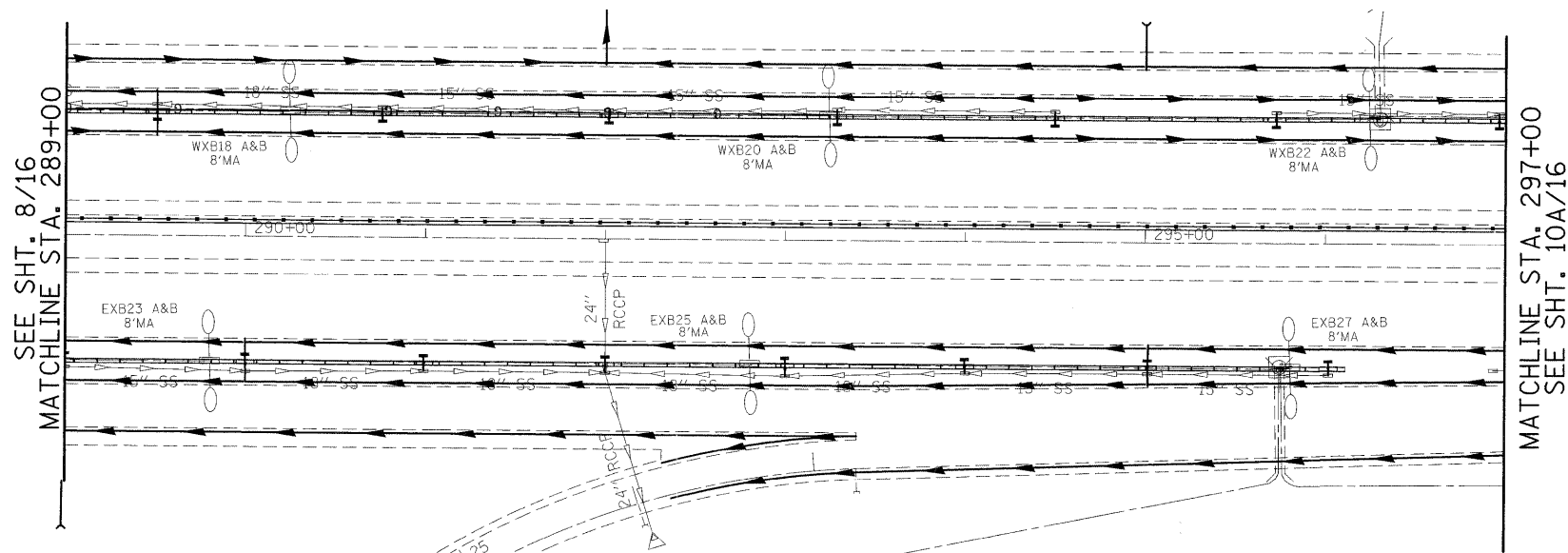
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(3-4)RS	ST. CLAIR	167	91
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 76415	



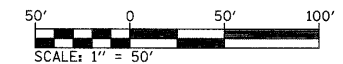
SEE "SCHEDULE OF CABLE AND CONDUIT" FOR UNITS AND QUANTITIES



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PLOT DATE = 12/7/2011	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



FOR INFORMATION, ONLY

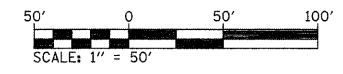


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		CHECKED -	REVISED -		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

SEE SHT. 12/16
MATCHLINE STA. 17+00

SEE SHT. 12/16

SEE F2
SHT. 8/16



24" RCCP

15'

TB E5

TB E4

01'

TB E3

EXISTING ROW

TB E2

5'

TB E1

MATCHLINE
STA. 3+00
SEE SHT. 10A/16

FOR INFORMATION, ONLY

11 OF 16

FILE NAME = c:\pw_work\pwidot\burnsideem\10109244\10109244-76415-sht-light.dgn	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING PLANS CONTROLLERS #18 & #19 SHTS. 8 OF 10			F.A.I. RTE: 64	SECTION 82-(3-4)RS	COUNTY ST. CLAIR	TOTAL SHEETS 167	SHEET NO. 95	
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	PLDT DATE = 12/6/2011	DATE -	REVISED -		FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT								

SEE SHT. 8/16
MATCHLINE STA. 9+50



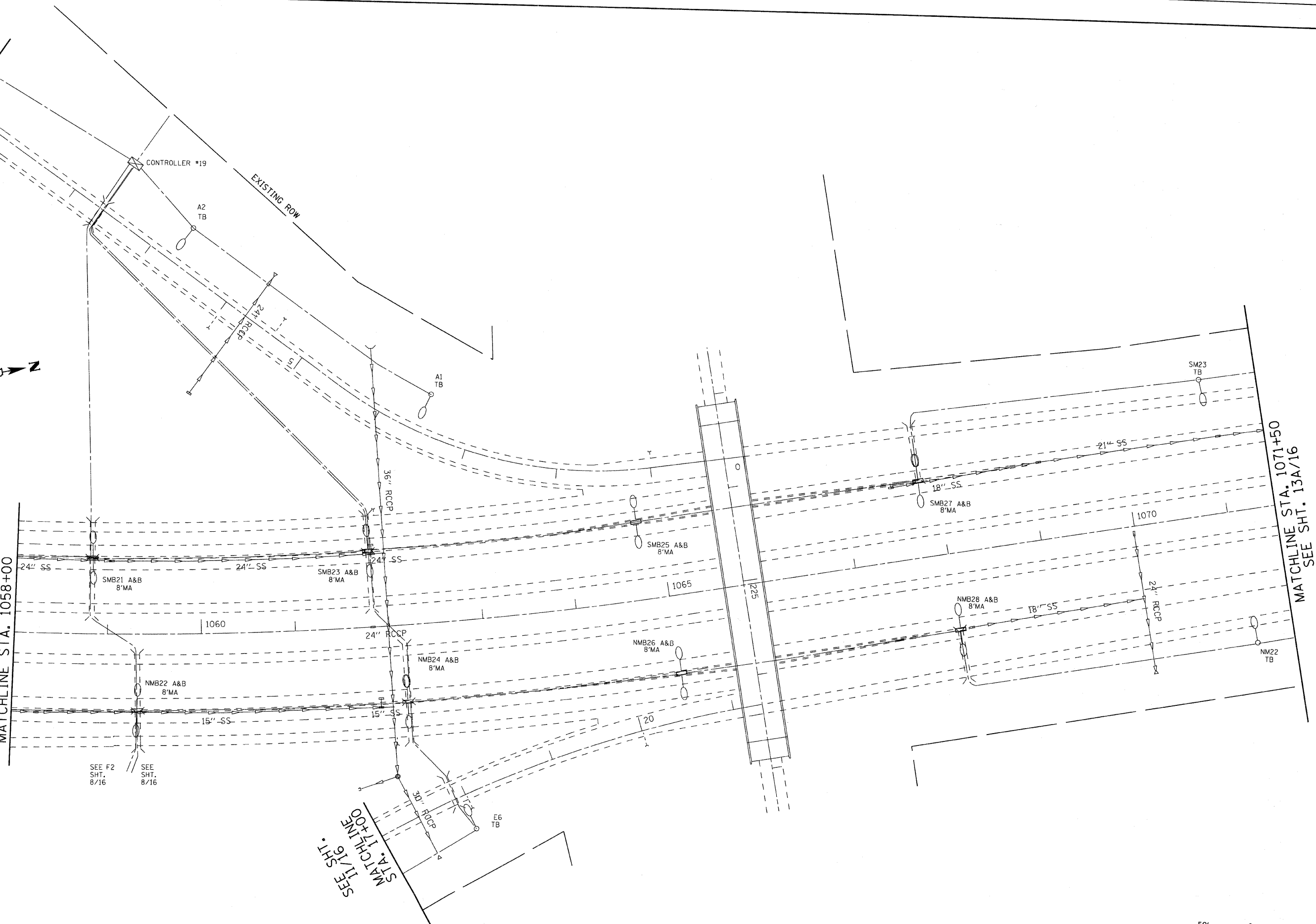
SEE SHT. 8/16
MATCHLINE STA. 1058+00

SEE F2
SHT. 8/16

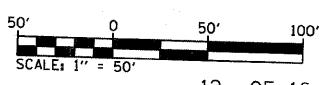
SEE
SHT. 8/16

SEE SHT. 17/16
MATCHLINE STA. 17+00

MATCHLINE STA. 1071+50
SEE SHT. 13A/16



FOR INFORMATION, ONLY



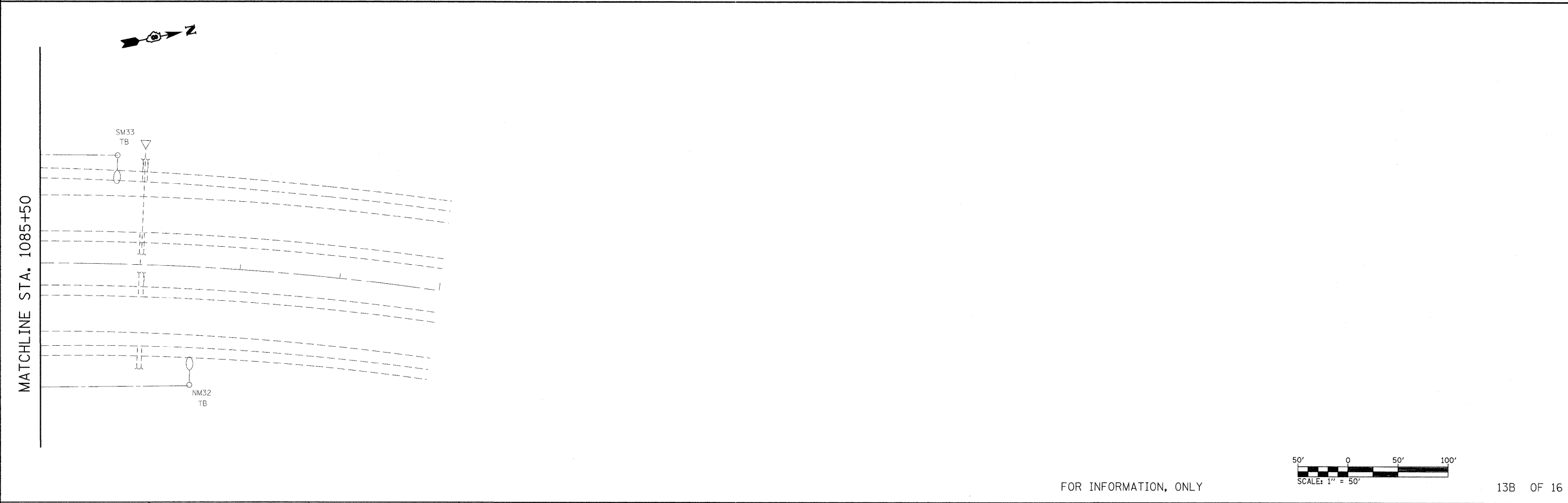
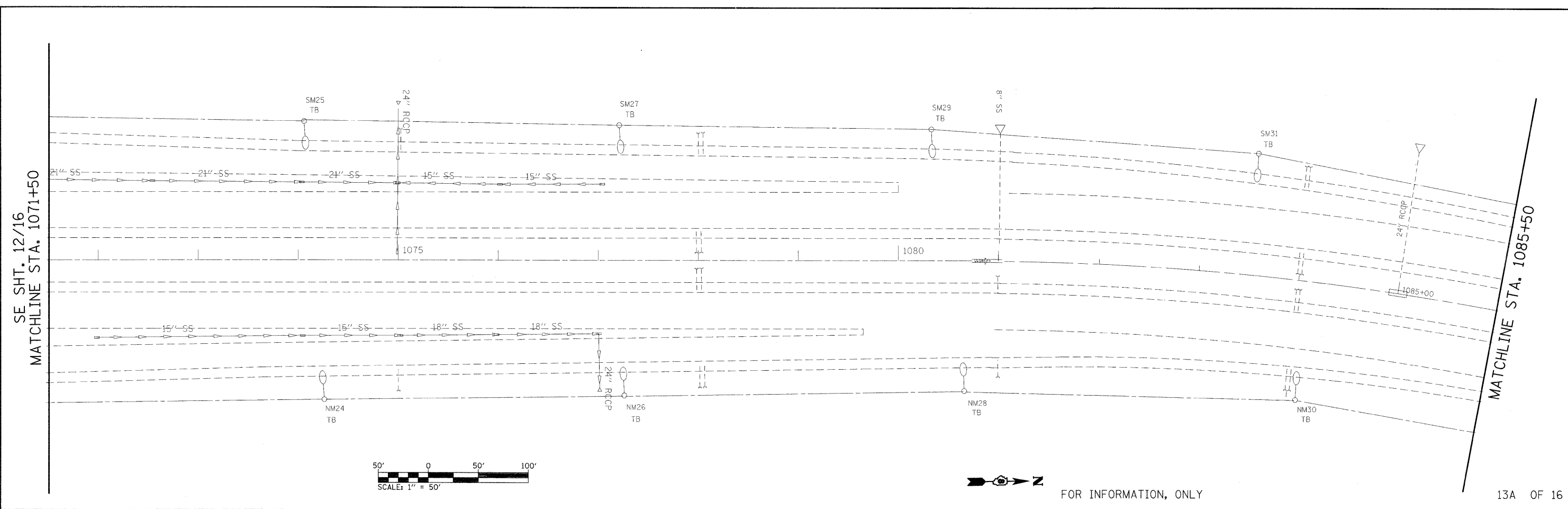
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

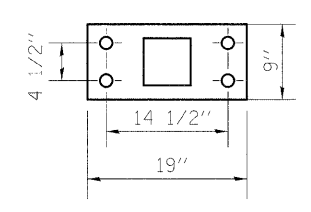
**LIGHTING PLANS
CONTROLLERS #18 & #19 SHTS. 9 OF 10**

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

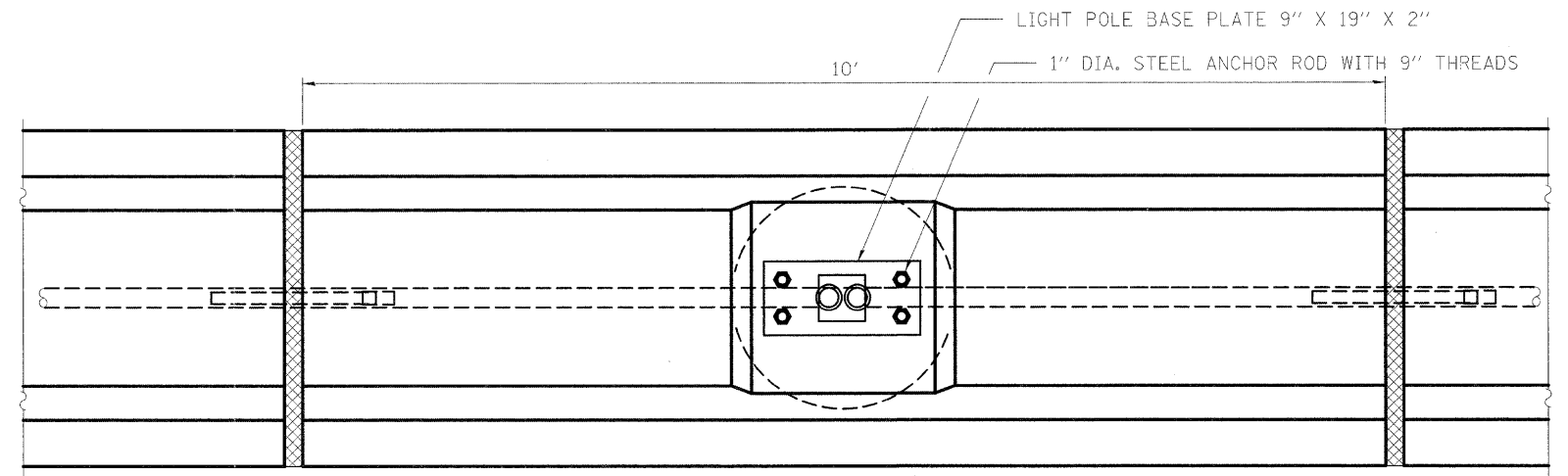
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64	82-13-4RS	ST. CLAIR	167	96
CONTRACT NO. 76415				



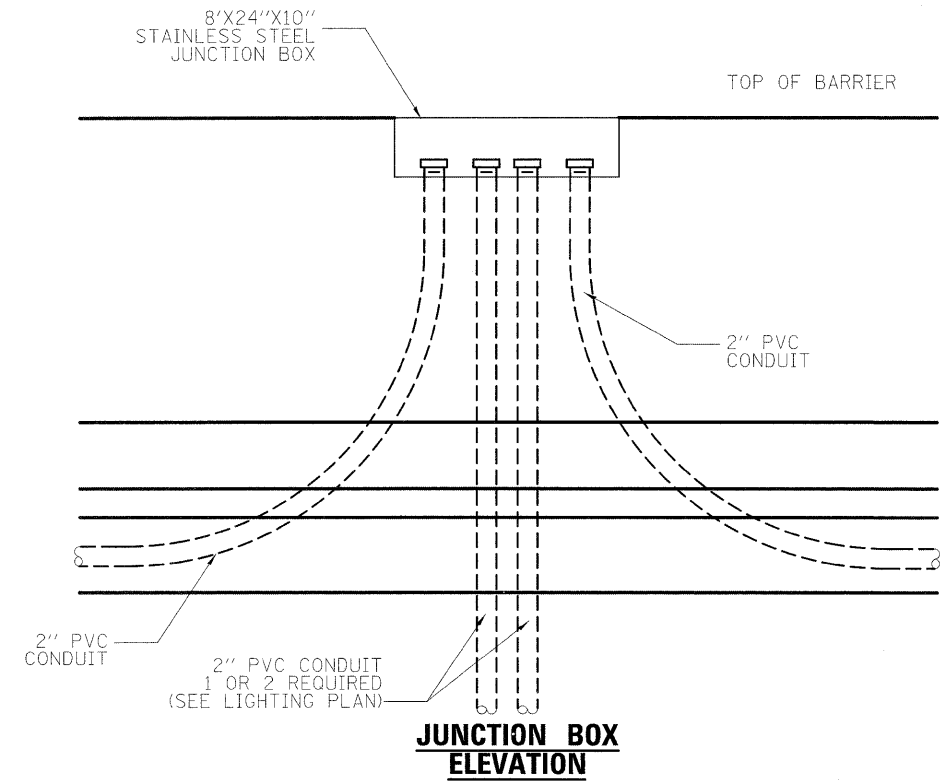
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PLOT DATE = 12/6/2011		DATE -	REVISED -		FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT							



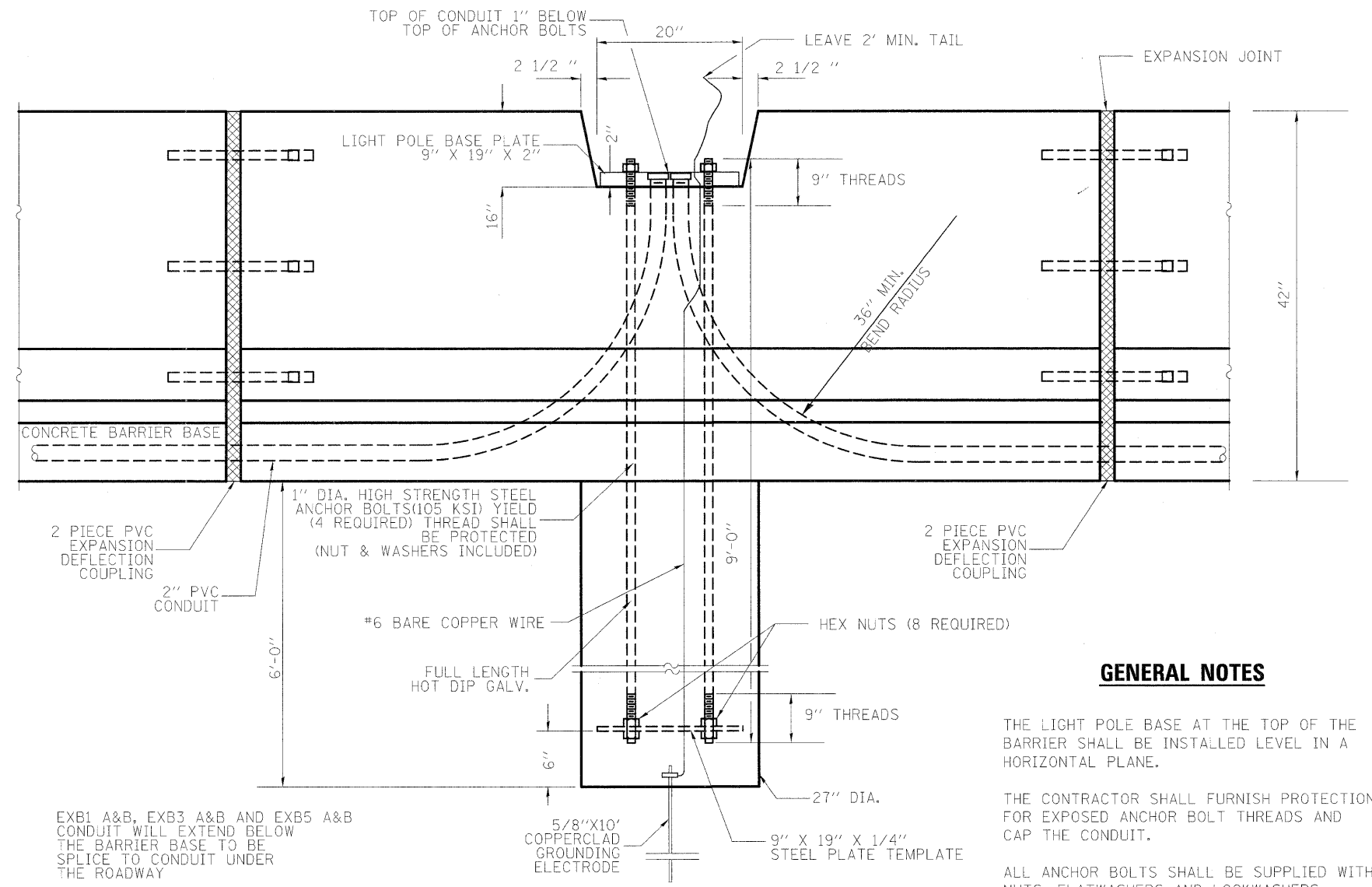
LIGHT POLE BASE PLATE



PLAN AT LIGHTING FOUNDATION



JUNCTION BOX ELEVATION



ELEVATION AT LIGHTING FOUNDATION

GENERAL NOTES

- THE LIGHT POLE BASE AT THE TOP OF THE BARRIER SHALL BE INSTALLED LEVEL IN A HORIZONTAL PLANE.
- THE CONTRACTOR SHALL FURNISH PROTECTION FOR EXPOSED ANCHOR BOLT THREADS AND CAP THE CONDUIT.
- ALL ANCHOR BOLTS SHALL BE SUPPLIED WITH NUTS, FLATWASHERS AND LOCKWASHERS.
- FOR 42" HIGH CONCRETE BARRIER DETAILS SEE HIGHWAY STANDARD 637006.

EXB1 A&B, EXB3 A&B AND EXB5 A&B CONDUIT WILL EXTEND BELOW THE BARRIER BASE TO BE SPLICE TO CONDUIT UNDER THE ROADWAY

EXB1 A&B AND EXB5 A&B HAVE A 3" CONDUIT EMBEDDED IN THE FOUNDATION

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	POLE MOUNTING ON CONCRETE BARRIER	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 12/6/2011		DATE -	REVISED -			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					