

04-27-12 LETTING ITEM 034
 FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR STATE STANDARDS, SEE SHEET NO. 2

PROJECT LOCATED IN THE
 CITY OF MOLINE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

FAI 74 @ JOHN DEERE ROAD (I-74)
 S.N. 081-0097 & S.N. 081-0098 OVER I-74
 BRIDGE REHABILITATION
 SECTION (81-2HB-1)M
 ROCK ISLAND COUNTY
 C-92-054-12

PROJECT: NHI-074-1(109)
 003

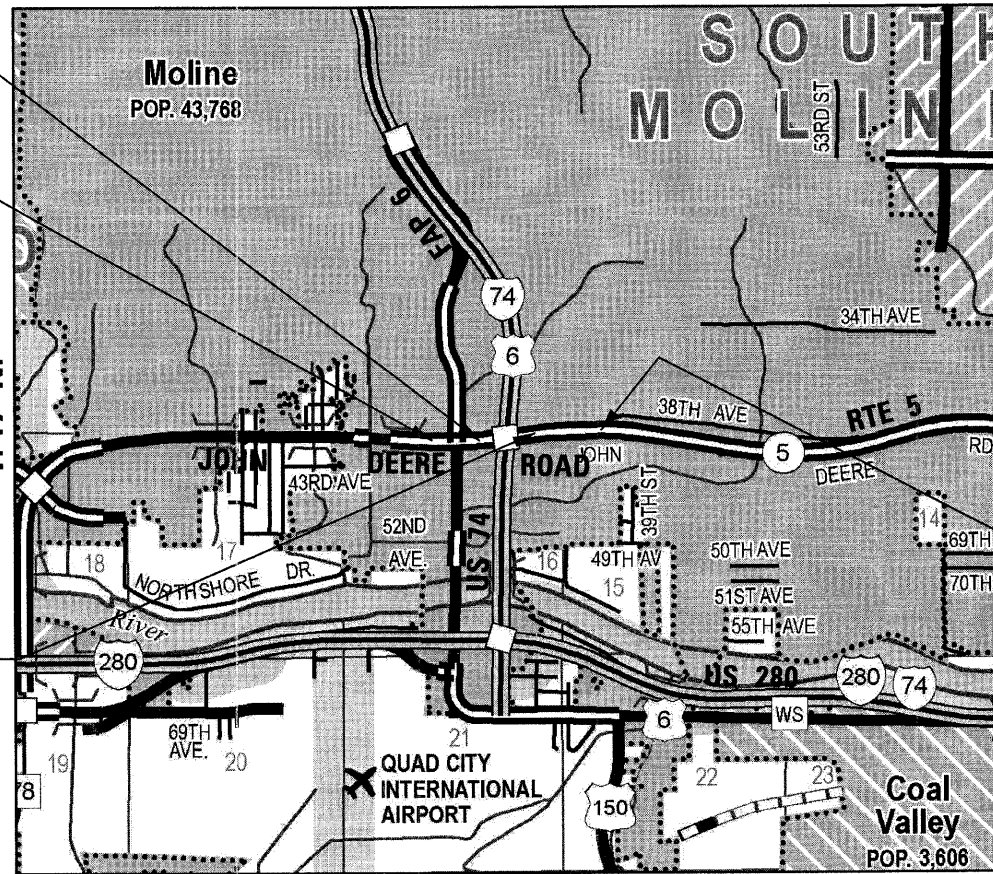
R. 1 W.

BEGIN PROJECT
 STA. 82 + 20

IMPROVEMENT
 BEGINS
 STA. 70 + 70

END PROJECT
 STA. 89 + 60

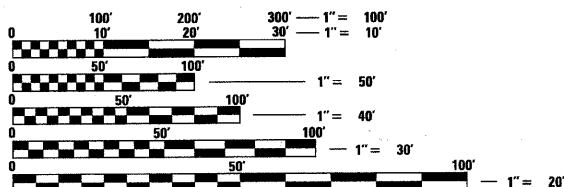
IMPROVEMENT
 BEGINS
 STA. 109 + 00



MOLINE TOWNSHIP (SECTIONS 9 & 16)

NOT TO SCALE

GROSS LENGTH OF PROJECT = 740 LIN. FT. = 0.140 MILES
 NET LENGTH OF PROJECT = 740 LIN. FT. = 0.140 MILES



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 LOCATING INFORMATION FOR EXCAVATORS
 1-800-892-0123
 OR 811

PROJECT MANAGER : MAHMOUD ETEMADI (815) 284-5393
 DESIGN PROJECT MANAGER : GEORGE LIPTACK (312) 372-2023

CONTRACT NO. 64H71

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-2HB-1)M	ROCK ISLAND	29	1
		ILLINOIS		CONTRACT NO. 64H71

* 29 91 = 30

D-92-045-12



LOCATION OF SECTION INDICATED THIS: -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED January 24 2012
Eric S. [Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
March 23 2012
John D. Baranzelli, P.E. [Signature]
 acting ENGINEER OF DESIGN AND ENVIRONMENT
March 23 2012
William R. [Signature]
 acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



Birinder S. Sachdeva 1-23-12
 BIRINDER S. SACHDEVA, P.E. DATE
 EXPIRES: 11-30-2013
 DRAWING NO.: 1-17, 24-29



CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS - PLANNERS - SURVEYORS
 211 W. WACKER DRIVE CHICAGO, IL. 60606
 TELEPHONE: 312-372-2023

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

SHEET NO. INDEX OF SHEETS

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23	BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS - SN 081-0097 (WB) & 0098 (EB)
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26 - 28	TYPICAL PAVEMENT MARKINGS (DIST STD 41.1)
29	PAINTING DETAILS (DIST STD 44.1)

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-02	SHOULDER RUMBLE STRIPS, 16"
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701400-05	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-06	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701422-04	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701423-05	LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
701451-01	RAMP CLOSURE FREEWAY/EXPRESSWAY
701456-02	PARTIAL EXIT RAMP CLOSURE FREEWAY / EXPRESSWAY
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

ALL BORROW/WASTE/USE SITES MUST BE APPROVED BY THE DEPARTMENT PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTHMOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USES(S):	RESURFACING		SHOULDERS
	SURFACE	LEVEL BINDER	
PG:	SBS PG 70-22	SBS PG-70-22	PG-64-22
DESIGN AIR VOIDS	4.0 @ N70	4.0 @ N70	3.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 9.5, 9.5FG, OR 4.75	IL 9.5, 12.5, 9.5FG
FRICION			
AGGREGATE	E	NA	C
20 YEAR ESAL	9.8	9.8	NA
MIX UNIT WEIGHT	119 LBS/SY/IN		112 LBS/SY/IN

THE AREA TO BE PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAYS PRODUCTIVITY, BUT NO MORE THAN FIVE DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA, UNLESS APPROVED BY THE ENGINEER.

INSTALL RUMBLE STRIPS IN ALL SHOULDERS IN ACCORDANCE WITH STATE STANDARD 642001. RUMBLE STRIPS SHALL BE PLACED ON SHOULDERS ON BOTH SIDES OF THE PAVEMENT.

BITUMINOUS AND AGGREGATE PRIME COAT SHALL BE PLACED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS. THE COST OF THE PRIME COATS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE OF THE TYPE SPECIFIED.

REFLECTOR MARKERS TYPE B SHALL BE INSTALLED ON THE TOP OF BRIDGE PARAPET WALLS. THE MARKERS SHALL BE ACCORDING TO STANDARD 635011 AND THE COLOR AND SPACING ACCORDING TO STANDARD 635006, EXCEPT THE MINIMUM IS 2 PER SIDE.

CADD DATA WILL BE AVAILABLE TO CONTRACTORS AND CONSULTANTS WORKING ON THIS PROJECT. THIS INFORMATION WILL BE PROVIDED UPON REQUEST AS MICROSTATION CADD FILES AND GEOPAK COORDINATE GEOMETRY FILES ONLY. IF DATA IS REQUIRED IN OTHER FORMATS IT WILL BE YOUR RESPONSIBILITY TO MAKE THESE CONVERSIONS. IF ANY DISCREPANCY OR INCONSISTENCY ARISES BETWEEN THE ELECTRONIC DATA AND THE INFORMATION ON THE HARD COPY, THE INFORMATION ON THE HARD COPY SHOULD BE USED. CONTACT THE DISTRICT'S PROJECT ENGINEER TO REQUEST THESE FILES.

TEMPORARY IMPACT ATTENUATORS WILL BE MEASURED AS EACH FOR EACH ATTENUATOR SUPPLIED ON THE JOB AS SPECIFIED IN THE PLANS, AND SHALL INCLUDE THE COST OF RENTING/OWNING THE ATTENUATOR FOR THE TIME REQUIRED ON THE JOB PLUS HAULING TO AND FROM THE PROJECT SITE, AS WELL AS ONE PLACEMENT AND REMOVAL FROM THE ROADWAY. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR IMPACT ATTENUATORS, TEMPORARY OF THE TYPE SPECIFIED.

RELOCATE TEMPORARY IMPACT ATTENUATORS WILL BE PAID FOR AS EACH AND WILL BE PAID FOR EACH TIME THE ATTENUATOR IS REQUIRED BY STAGING TO BE PICKED UP AND MOVED TO A DIFFERENT LOCATION ON THE PROJECT, WHETHER IT IS TO ANOTHER LOCATION ON THE ROADWAY OR TO A STORAGE/STAGING LOCATION FOR THE PROJECT. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR IMPACT ATTENUATORS, RELOCATE OF THE TYPE SPECIFIED.

THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 704 OF THE STANDARD SPECIFICATIONS. TEMPORARY CONCRETE BARRIER WILL BE MEASURED IN FEET ALONG THE CENTERLINE OF THE BARRIER AND SHALL INCLUDE THE COST OF RENTING/OWNING THE BARRIER FOR THE TIME REQUIRED ON THE JOB PLUS HAULING TO AND FROM THE PROJECT SITE, AS WELL AS ONE PLACEMENT AND REMOVAL FROM THE ROADWAY IN ACCORDANCE WITH SECTION 704 OF THE STANDARD SPECIFICATION. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR TEMPORARY CONCRETE BARRIER.

RELOCATE TEMPORARY CONCRETE BARRIER WILL BE PAID FOR IN FEET ALONG THE CENTERLINE OF THE BARRIER, AND WILL BE PAID FOR EACH TIME THE BARRIER IS REQUIRED BY STAGING TO BE PICKED UP AND MOVED TO A DIFFERENT LOCATION ON THE PROJECT, WHETHER IT IS TO ANOTHER LOCATION ON THE ROADWAY OR TO A STORAGE/STAGING LOCATION FOR THE PROJECT. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR RELOCATE TEMPORARY CONCRETE BARRIER.

PERMANENT PAVEMENT MARKINGS SHALL BE PAINT AND WILL REQUIRE TWO (2) APPLICATIONS.

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
DATE	
AREAS	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
DATE	
AREAS	
NO.	

FILE NAME = 0264H71-sht-index.dgn
 PLOT DATE = 1/23/2012
 PLOT SCALE = 50.0000' / IN.

CR & A
CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - G.F.L./K.R.K.	REVISED -
DRAWN - K.R.K.	REVISED -
CHECKED - E.J.M.	REVISED -
DATE - JANUARY 2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, LIST OF STATE STANDARDS AND GENERAL NOTES

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(B1-2HB-1)M	ROCK ISLAND	29	2
			CONTRACT NO. 64H71	
ILLINOIS				

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
DATE	
AREAS	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
DATE	
AREAS	
AREAS CHECKED	
NO.	

SUMMARY OF QUANTITIES			URBAN	0014 BRIDGE REPAIR 90% FED. 10% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	3475	3475
40600990	TEMPORARY RAMP	SQ YD	269	269
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	347	347
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	59	59
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	223	223
40603365	HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	744	744
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	527	527
50102400	CONCRETE REMOVAL	CU YD	66.7	66.7
50157300	PROTECTIVE SHIELD	SQ YD	1400	1400
50300255	CONCRETE SUPERSTRUCTURE	CU YD	72.8	72.8
50300300	PROTECTIVE COAT	SQ YD	175	175
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	12420	12420
50800515	BAR SPLICERS	EACH	136	136
52000110	PREFORMED JOINT STRIP SEAL	FOOT	406	406
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	2247	2247
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4
67100100	MOBILIZATION	L SUM	1	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1
70100325	TRAFFIC CONTROL AND PROTECTION, STANDARD 701423	EACH	2	2
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	11	11
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2705	2705
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	16510	16510
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	5498	5498
70400100	TEMPORARY CONCRETE BARRIER	FOOT	925	925
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	925	925
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	7356	7356
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	2786	2786
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	5234	5234
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	856	856

* SPECIALTY ITEM

SUMMARY OF QUANTITIES			URBAN	0014 BRIDGE REPAIR 90% FED. 10% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
78200520	BARRIER WALL MARKERS, TYPE B	EACH	8	8
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2739	2739
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	100	100
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	20	20
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	300	300
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2
Z0062456	TEMPORARY PAVEMENT	SQ YD	12	12
X0322121	SHEET WATERPROOFING MEMBRANE SYSTEM	SQ YD	2404	2404

FILE NAME = D264H71-shc-500.dgn
 PLOT DATE = 1/23/2012
 PLOT SCALE = 50.0000' / 1" IN.

CR & A CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED	-	G.F.L./K.R.K.	REVISED	-
DRAWN	-	K.R.K.	REVISED	-
CHECKED	-	E.J.M.	REVISED	-
DATE	-	JANUARY 2012	REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 IL ROUTE 5 AT I-74
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	181-2HB-13M	ROCK ISLAND	29	3
CONTRACT NO. 64H71				

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50						40603310
			WIDTH (FT)	SQYD	INCHES	TONS
STAGE II						
EB	81+80.00	84+00.00	4	97.8	2	11.0
EB	87+90.00	91+25.00	4	148.9	2	16.7
STAGE I						
WB	82+00.00	84+84.13	4	126.3	2	14.1
WB	87+18.22	90+65.00	4	154.1	2	17.3
TOTAL						59.1

HOT-MIX ASPHALT SURFACE REMOVAL, 2"					44000157
			WIDTH (FT)	SQ YD	
STAGE II					
EB	81+80.00	84+00.00	4	97.8	
EB	87+90.00	91+25.00	4	148.9	
STAGE I					
WB	82+00.00	84+84.13	4	126.3	
WB	87+18.22	90+65.00	4	154.1	
TOTAL					527.1

LEVELING BINDER (MACHINE METHOD), N70						40600635
			SQ FT	SQ YD	INCHES	TONS
WB	82+30.00	84+89.00	14,756.3	1,639.6	1	91.8
WB	87+24.00	89+60.00	13,130.7	1,459.0	1	81.7
EB	82+20.00	84+71.00	14,261.1	1,584.6	1	88.7
EB	87+06.00	89+55.00	13,632.4	1,514.7	1	84.8
TOTAL						347.1

HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70						40603365
			SQ FT	SQ YD	INCHES	TONS
WB	82+30.00	84+89.00	14,756.3	1,639.6	1.5	137.7
WB	87+24.00	89+60.00	13,130.7	1,459.0	1.5	122.6
EB	82+20.00	84+71.00	14,261.1	1,584.6	1.5	133.1
EB	87+06.00	89+55.00	13,632.4	1,514.7	1.5	127.2
STRUCTURAL BILL OF MATERIAL						223.0
TOTAL						743.6

PAVEMENT MARKING REMOVAL				78300100	
Stage I				SQ FT	WIDTH INCHES
EASTBOUND					
SKIP-DASH	70+70.00	82+30.00	290	145.00	6
SKIP-DASH	84+45.00	88+65.00	105	52.50	6
WHITE	82+30.00	84+45.00	215	143.33	8
WHITE	81+65.00	86+00.00	435	145.00	4
WHITE	88+65.00	91+00.00	235	156.67	8
WHITE	88+65.00	88+90.00	25	16.67	8
CHEVRONS	82+30.00	84+45.00	58	58.00	12
WESTBOUND					
SKIP-DASH	82+50.00	84+10.00	40	20.00	6
SKIP-DASH	90+15.00	109+00.00	471	235.63	6
YELLOW	82+00.00	90+65.00	865	288.33	4
WHITE	82+40.00	83+40.00	100	66.67	8
WHITE	82+10.00	83+40.00	130	86.67	8
WHITE	95+70.00	99+37.00	367	244.67	8
WHITE	95+70.00	99+37.00	367	244.67	8
CHEVRONS	82+40.00	83+40.00	65	65.00	12
CHEVRONS	95+60.00	99+37.00	142	142.00	12
STAGE 2					
EASTBOUND					
YELLOW	81+80.00	84+00.00	220	73.33	4
YELLOW	87+90.00	91+25.00	335	111.67	4
WHITE	89+00.00	89+60.00	60	40.00	8
WESTBOUND					
WHITE	80+45.00	8240	195	65	4
WHITE	88+00.00	90+45.00	245	81.67	4
WHITE	88+00.00	90+15.00	215	143.33	8
WHITE	88+80.00	90+50.00	170	113.33	8
TOTAL				2739.1	SQ FT

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT						40600982
			WIDTH	SQ FT LENGTH	SQ YD	SQ YD
STAGE I						
EB	84+13.00	84+58.00	35	45	175	
WB	87+24.00	89+60.00	18	45	90	
EB	82+20.00	84+71.00	18	45	90	
WB	87+06.00	89+55.00	37	45	185	
STAGE II						
EB	83+98.00	84+43.00	18	45	90	
WB	84+13.00	85+58.00	35	45	175	
EB	87+43.00	87+88.00	36	45	180	
WB	87+54.00	87+95.00	18	45	90	
APPROACH PAVEMENT REPLACEMENT						
EB	82+20.00	82+65.00	61	45	305	
EB	89+10.00	89+55.00	71	45	355	
WB	82+30.00	82+75.00	76	45	380	
WB	89+15.00	89+60.00	60	45	300	
EB	84+30.00	84+75.00	53	45	265	
EB	87+10.00	87+55.00	53	45	265	
WB	84+40.00	84+85.00	53	45	265	
WB	87+30.00	87+65.00	53	45	265	
TOTAL						3,475

TEMPORARY PAVEMENT MARKING - LINE 4"				70300220
STAGE 1			YELLOW	WHITE
EASTBOUND				
	70+70.00	92+00.00	2,130	
	82+30.00	84+45.00		215
	81+52.00	82+30.00	80	
	82+30.00	84+45.00		215
12" CHEVRONS				
	82+30.00	84+45.00		270
	81+62.00	86+00.00		440
	88+90.00	91+00.00		280
WESTBOUND				
	80+25.00	82+50.00		275
	82+00.00	90+65.00	865	
	82+60.00	84+10.00		150
	84+10.00	96+90.00		1280
	95+60.00	96+90.00		130
	95+20.00	99+30.00		420
	99+30.00	109+00.00		970
NB (I-74)				
	412+00.00	417+50.00		550
STAGE II				
EASTBOUND				
	70+70.00	89+30.00		1860
	89+50.00	91+75.00		275
	81+80.00	91+25.00	945	
WESTBOUND				
	80+45.00	109+00.00	2,855	
	80+45.00	83+10.00		345
	84+00.00	87+00.00		300
	87+00.00	90+40.00		350
	87+70.00	89+70.00		200
	89+70.00	90+50.00	85	
	87+70.00	90+15.00		245
12" CHEVRONS				
	87+70.00	89+70.00		230
SB (I-74)				
	415+00.00	420+50.00		550
SUBTOTAL			6,960	9,550
TOTAL				16,510

WORK ZONE PAVEMENT MARKING REMOVAL					70301000	
STAGE I			YELLOW	WHITE	SQ FT	
EASTBOUND						
	70+70.00	92+00.00	2,130	FOOT	709.3	
	82+30.00	84+45.00		215	71.6	
	81+52.00	82+30.00	80		26.6	
	82+30.00	84+45.00		215	71.6	
12" CHEVRONS						
	82+30.00	84+45.00		270	89.9	
	81+62.00	86+00.00		440	146.5	
	88+90.00	91+00.00		280	93.2	
WESTBOUND						
	80+25.00	82+50.00		275	91.6	
	82+00.00	90+65.00	865		288.0	
	82+60.00	84+10.00		150	50.0	
	84+10.00	96+90.00		1280	426.2	
	95+60.00	96+90.00		130	43.3	
	95+20.00	99+30.00		420	139.9	
	99+30.00	109+00.00		970	323.0	
NB (I-74)						
	412+00.00	417+50.00		550	183.2	
STAGE II						
EASTBOUND						
	70+70.00	89+30.00		1860	619.4	
	89+50.00	91+75.00		275	91.6	
	81+80.00	91+25.00	945		314.7	
WESTBOUND						
	80+45.00	109+00.00	2,855		950.7	
	80+45.00	83+10.00		345	114.9	
	84+00.00	87+00.00		300	99.9	
	87+00.00	90+40.00		350	116.6	
	87+70.00	89+70.00		200	66.6	
	89+70.00	90+50.00	85		28.3	
	87+70.00	90+15.00		245	81.6	
12" CHEVRONS						
	87+70.00	89+70.00		230	76.6	
SB (I-74)						
	415+00.00	420+50.00		550	183.2	
TOTAL				6,960	9550	5497.8

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
NO.					

DATE	BY	ORIGINAL	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
NO.						

FILE NAME =D264H71-sht-schedule01.dgn
 PLOT DATE =1/24/2012
 PLOT SCALE=50.0000' / IN.

CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

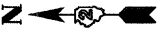
DESIGNED -	G.F.L./K.R.K.	REVISED -	
DRAWN -	K.R.K.	REVISED -	
CHECKED -	E.J.M.	REVISED -	
DATE -	JANUARY 2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES - IL ROUTE 5 AT I-74

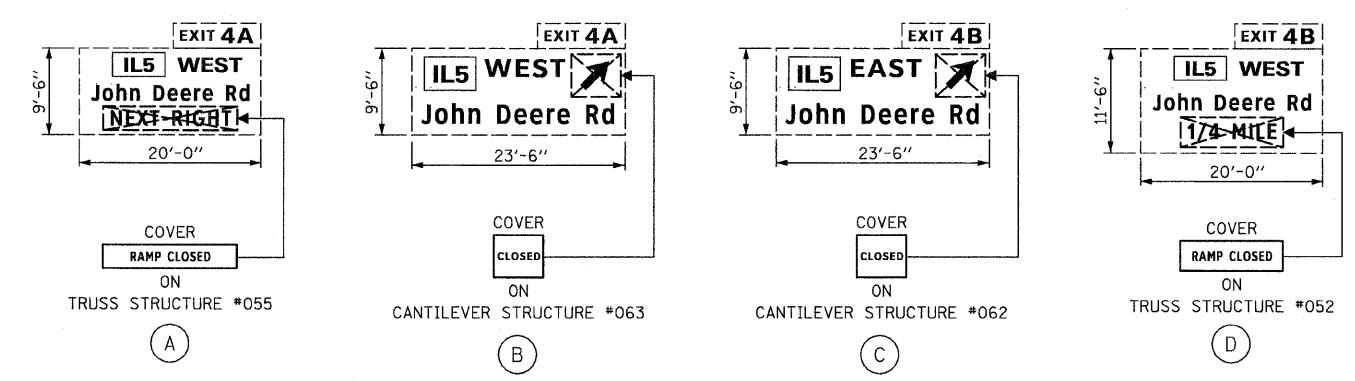
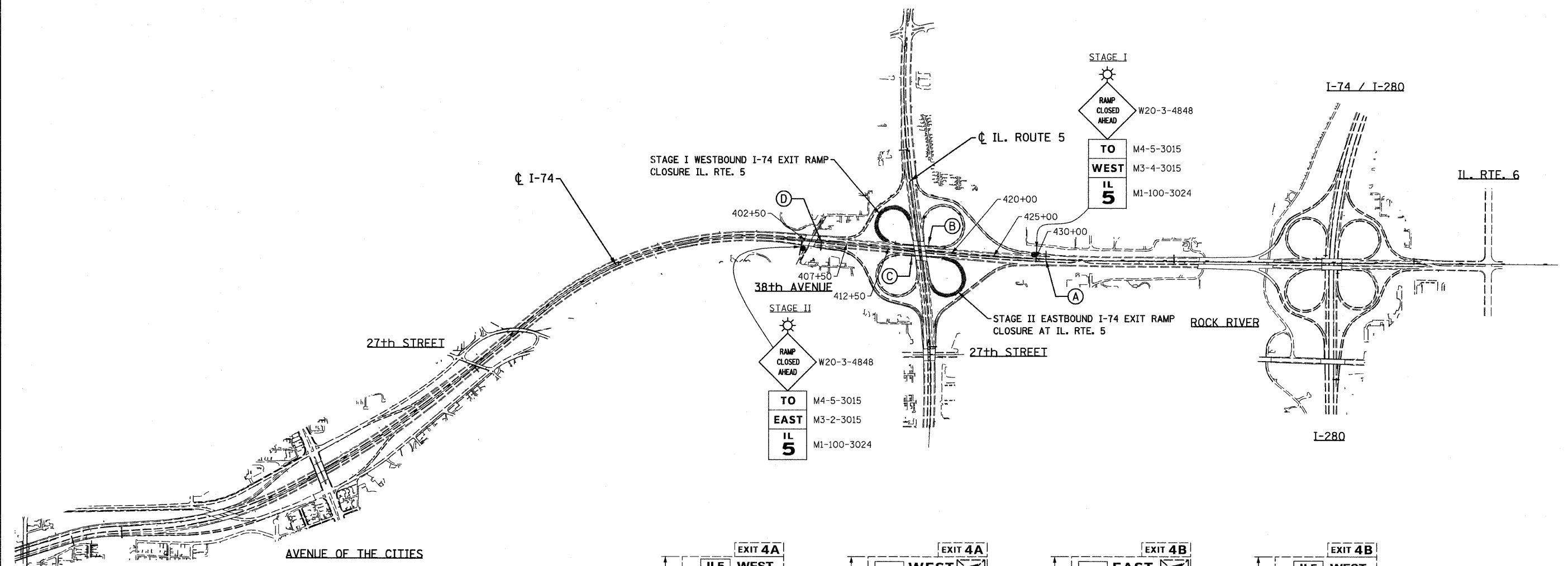
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB)-1M	ROCK ISLAND	29	4
CONTRACT NO. 64H71				



DATE	BY	SURVEYED	PLOTTED	DATE
		NO.	NO.	
		NO.	NO.	
		NO.	NO.	
		NO.	NO.	

DATE	BY	SURVEYED	PLOTTED	DATE
		NO.	NO.	
		NO.	NO.	
		NO.	NO.	
		NO.	NO.	



- NOTES:
1. FOR WESTBOUND I-74 EXIT RAMP CLOSURE DETAILS SEE SHEET NO. 10.
 2. FOR EASTBOUND I-74 EXIT RAMP CLOSURE DETAILS SEE SHEET NO. 14.

FILE NAME = 0264H71-sht-detour@Ldgn
 PLOT DATE = 1/24/2012
 PLOT SCALE = 600.0000 ' / IN.

CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - G.F.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - E.J.M.	REVISED -
DATE - JANUARY 2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETOUR PLAN IL. ROUTE 5 AT I-74 RAMP CLOSURES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S. RTE. 205	SECTION (81-2HB-1)M	COUNTY ROCK ISLAND	TOTAL SHEETS 29	SHEET NO. 6
				CONTRACT NO. 64H71




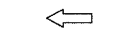



DET-01

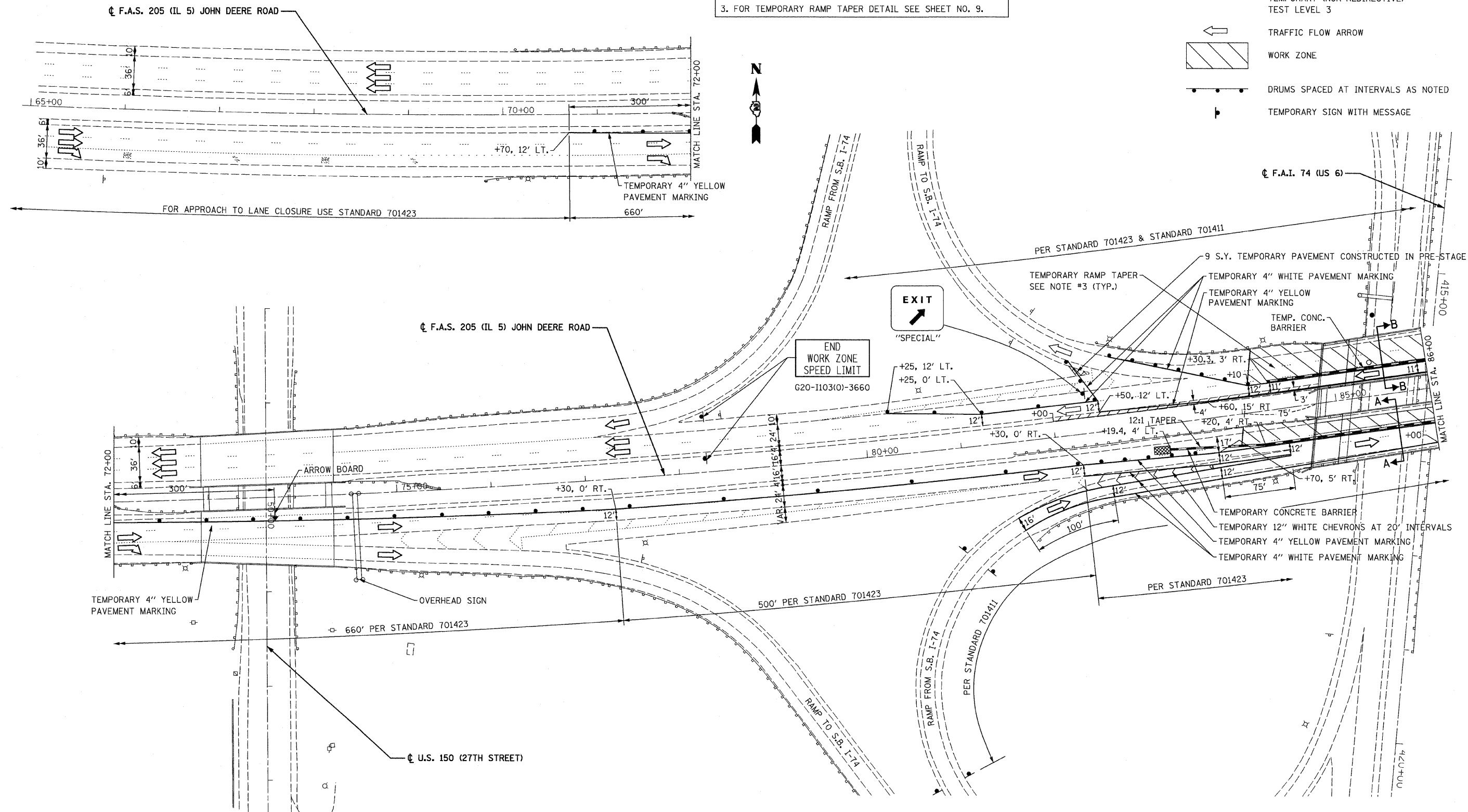
DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

NOTES:

- PRESTAGE WORK ON F.A.S 205 SHALL BE DONE UTILIZING STANDARD 701422, "LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH".
- FOR SECTION A-A AND SECTION B-B SEE SHEET NO. 8.
- FOR TEMPORARY RAMP TAPER DETAIL SEE SHEET NO. 9.

- LEGEND**
-  PROPOSED HMA SURFACE REMOVAL, 2" HMA SURFACE COURSE, MIX 'C', N50, 2"
 -  TEMPORARY CONCRETE BARRIER
 -  RELOCATED IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
 -  TRAFFIC FLOW ARROW
 -  WORK ZONE
 -  DRUMS SPACED AT INTERVALS AS NOTED
 -  TEMPORARY SIGN WITH MESSAGE



FILE NAME = D264H71-sht-stage1.dwg
 PLOT DATE = 1/24/2012
 PLOT SCALE = 50.0000' / 1" IN.

CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - E.M.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - G.F.L.	REVISED -
DATE - JANUARY 2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION PLAN
IL ROUTE 5 AT I-74
STAGE I
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

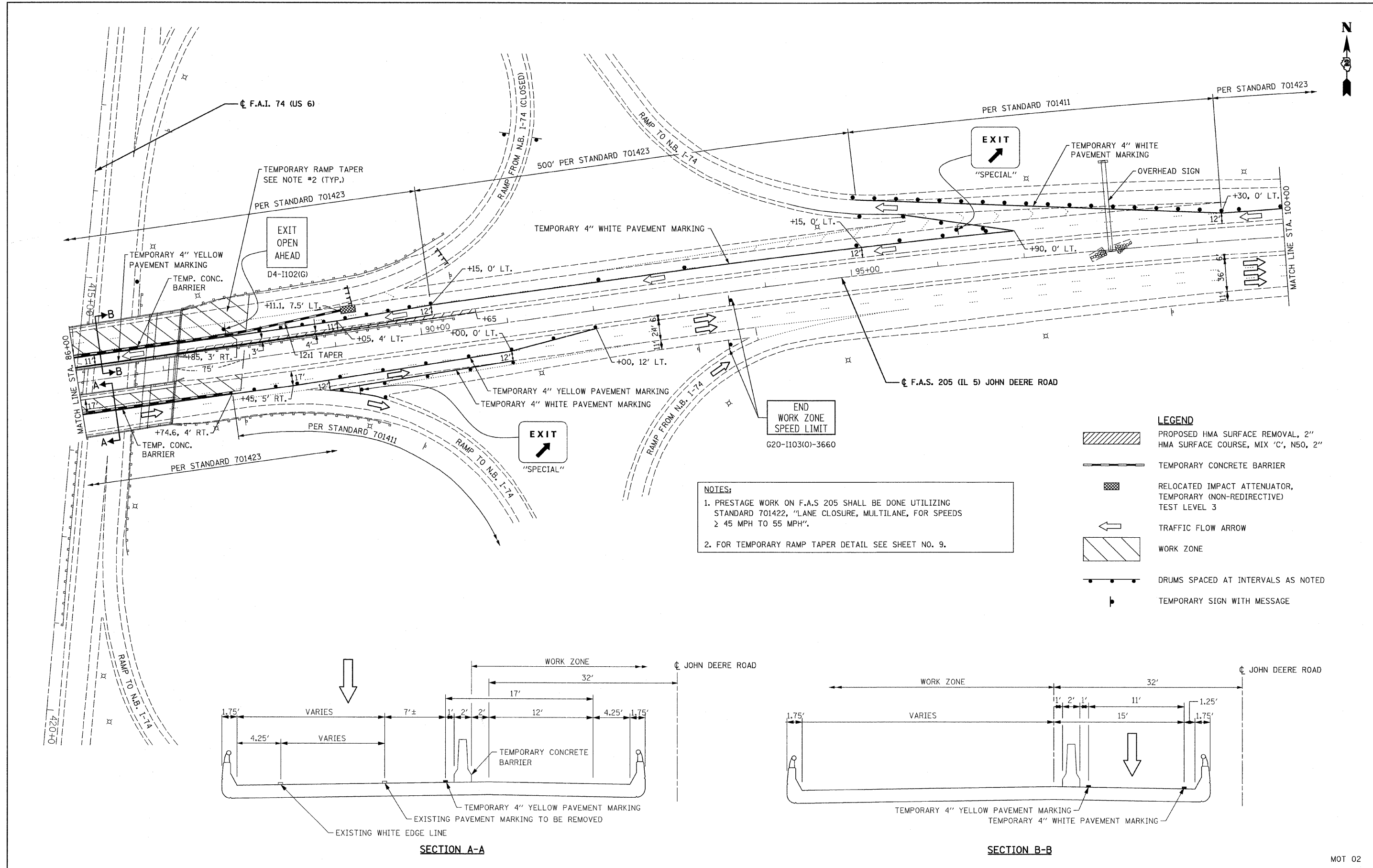
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1)M	ROCK ISLAND	29	7
				CONTRACT NO. 64H71

MOT 01

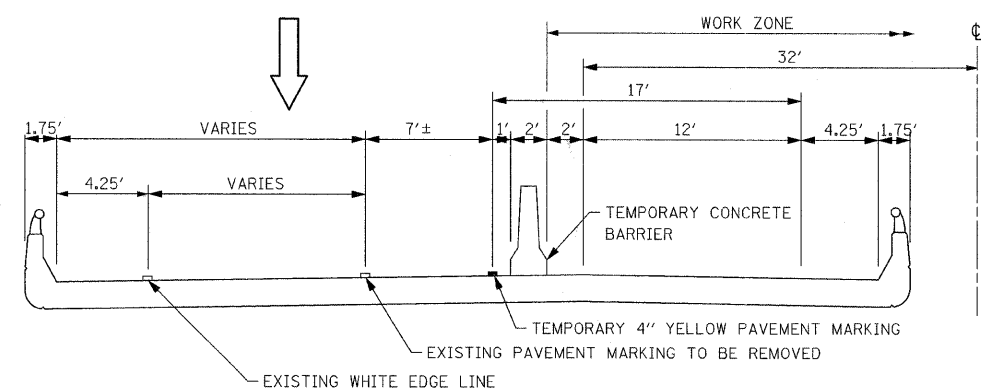


DATE	
BY	
FINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	

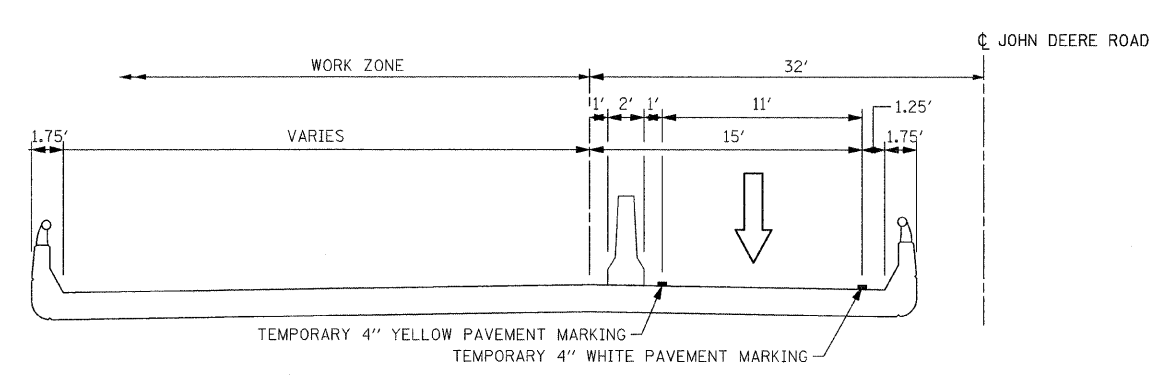
DATE	
BY	
ORIGINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	



NOTES:
 1. PRESTAGE WORK ON F.A.S 205 SHALL BE DONE UTILIZING STANDARD 701422, 'LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH'.
 2. FOR TEMPORARY RAMP TAPER DETAIL SEE SHEET NO. 9.



SECTION A-A



SECTION B-B

FILE NAME =D264H71-ah1-stagel.02.dgn
 PLOT DATE =1/24/2012
 PLOT SCALE=50.0000' / IN.

CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2823 FAX: (312)372-5274

DESIGNED -	E.M.	REVISED -	
DRAWN -	B.K.	REVISED -	
CHECKED -	G.F.L.	REVISED -	
DATE -	JANUARY 2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

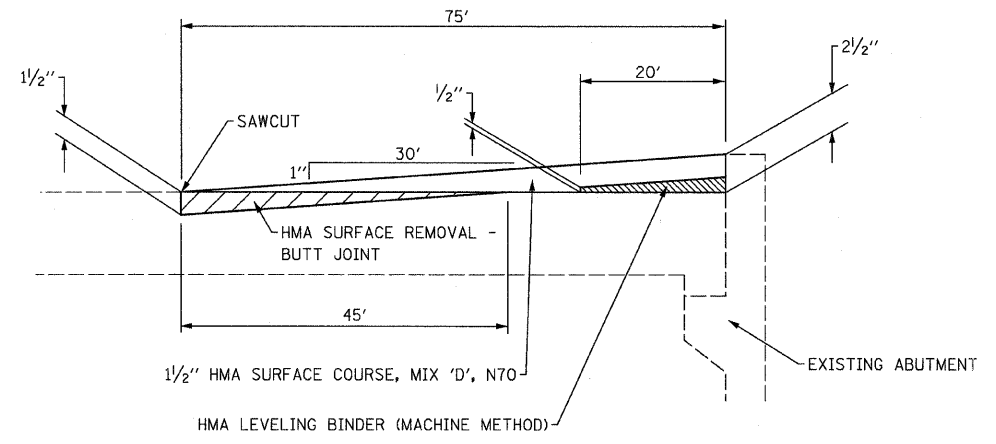
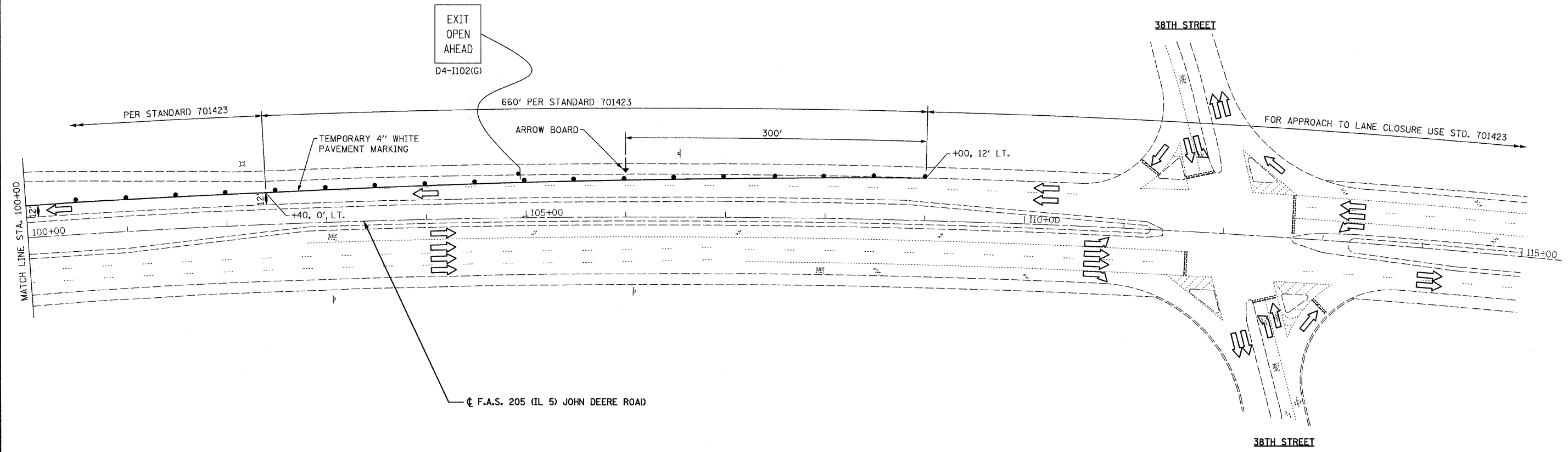
TRAFFIC CONTROL AND PROTECTION PLAN
IL ROUTE 5 AT I-74
STAGE I
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1)M	ROCK ISLAND	29	8
				CONTRACT NO. 64H71
ILLINOIS				



DATE	
BY	
FINAL SURVEY	
SURVEYED	
NOTE BOOK	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
NOTE BOOK	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



TEMPORARY RAMP TAPER DETAIL

NOTES:
 1. PRESTAGE WORK ON F.A.S 205 SHALL BE DONE UTILIZING STANDARD 701422, "LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH".
 2. FOR LOCATIONS OF THE TEMPORARY RAMP TAPERS SEE SHEET NO'S 7, 8, 11 & 12.

LEGEND

	PROPOSED HMA SURFACE REMOVAL, 2" HMA SURFACE COURSE, MIX 'C', N50, 2"
	TEMPORARY CONCRETE BARRIER
	RELOCATED IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
	TRAFFIC FLOW ARROW
	WORK ZONE
	DRUMS SPACED AT INTERVALS AS NOTED
	TEMPORARY SIGN WITH MESSAGE

FILE NAME =D264H71-sht-stage1.03.dgn
 PLOT DATE =1/24/2012
 PLOT SCALE=50.0000' / IN.

CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - E.M.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - G.F.L.	REVISED -
DATE - JANUARY 2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION PLAN
IL ROUTE 5 AT I-74
STAGE I

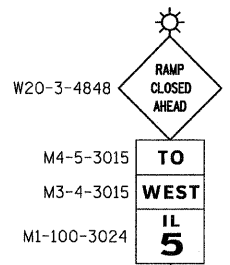
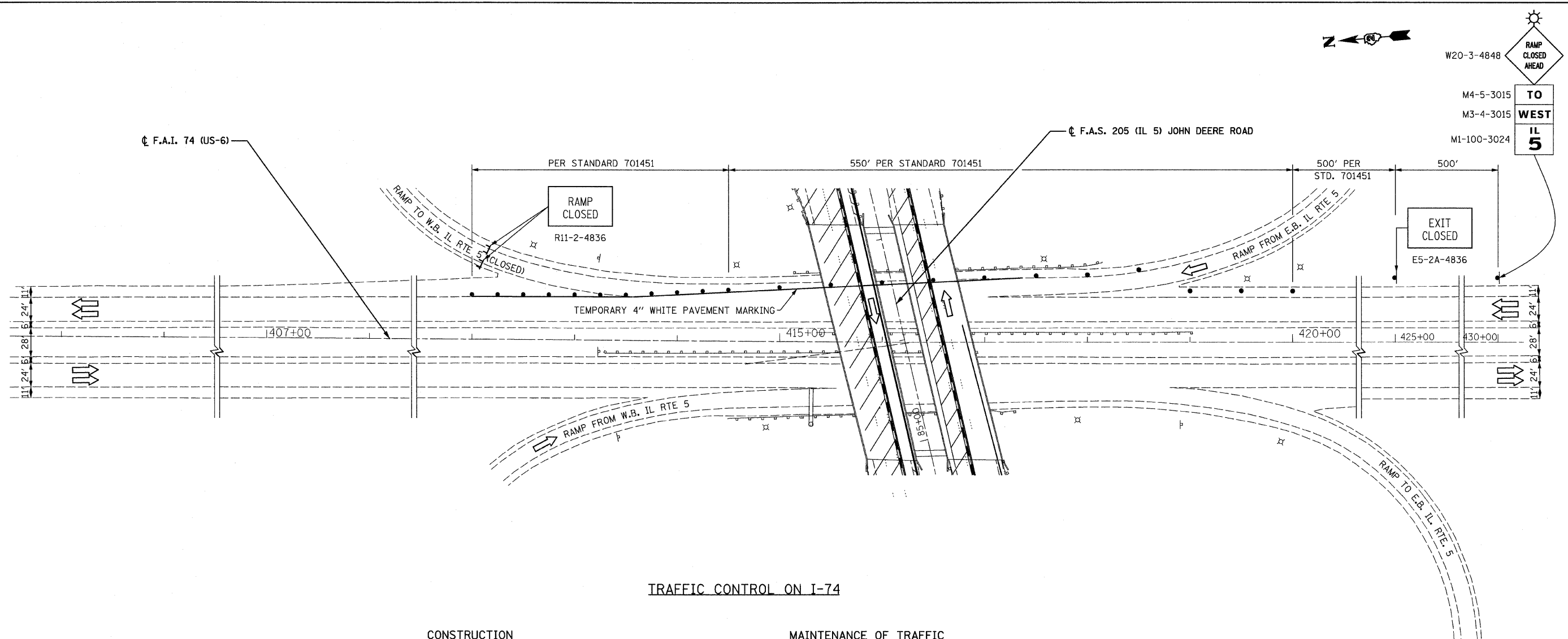
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1)M	ROCK ISLAND	29	9
				CONTRACT NO. 64H71

MOT 03

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



TRAFFIC CONTROL ON I-74

CONSTRUCTION

1. FULL DEPTH DECK REPAIR (SHIELDING) AND ABUTMENT AND PIER CONCRETE REPAIR.

MAINTENANCE OF TRAFFIC

1. USE STANDARD 701401, "LANE CLOSURE, FREEWAY / EXPRESSWAY" AND STANDARD 701411, "LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH".
2. FOR RAMP CLOSURE USE STANDARD 701451.

NOTE: FOR DETOUR ROUTING SEE SHEET NUMBER 6.

LEGEND

	PROPOSED HMA SURFACE REMOVAL, 2" HMA SURFACE COURSE, MIX 'C', N50, 2"
	TEMPORARY CONCRETE BARRIER
	RELOCATED IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
	TRAFFIC FLOW ARROW
	WORK ZONE
	DRUMS SPACED AT INTERVALS AS NOTED
	TEMPORARY SIGN WITH MESSAGE

MOT 04

FILE NAME =D264H71-sht-stage01.d4.dgn
 PLOT DATE =1/24/2012
 PLOT SCALE=50.0000' / IN.

CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - E.M.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - G.F.L.	REVISED -
DATE - JANUARY 2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION PLAN
I-74 AT IL ROUTE 5
STAGE I
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1M)	ROCK ISLAND	29	10
				CONTRACT NO. 64H71
ILLINOIS				

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

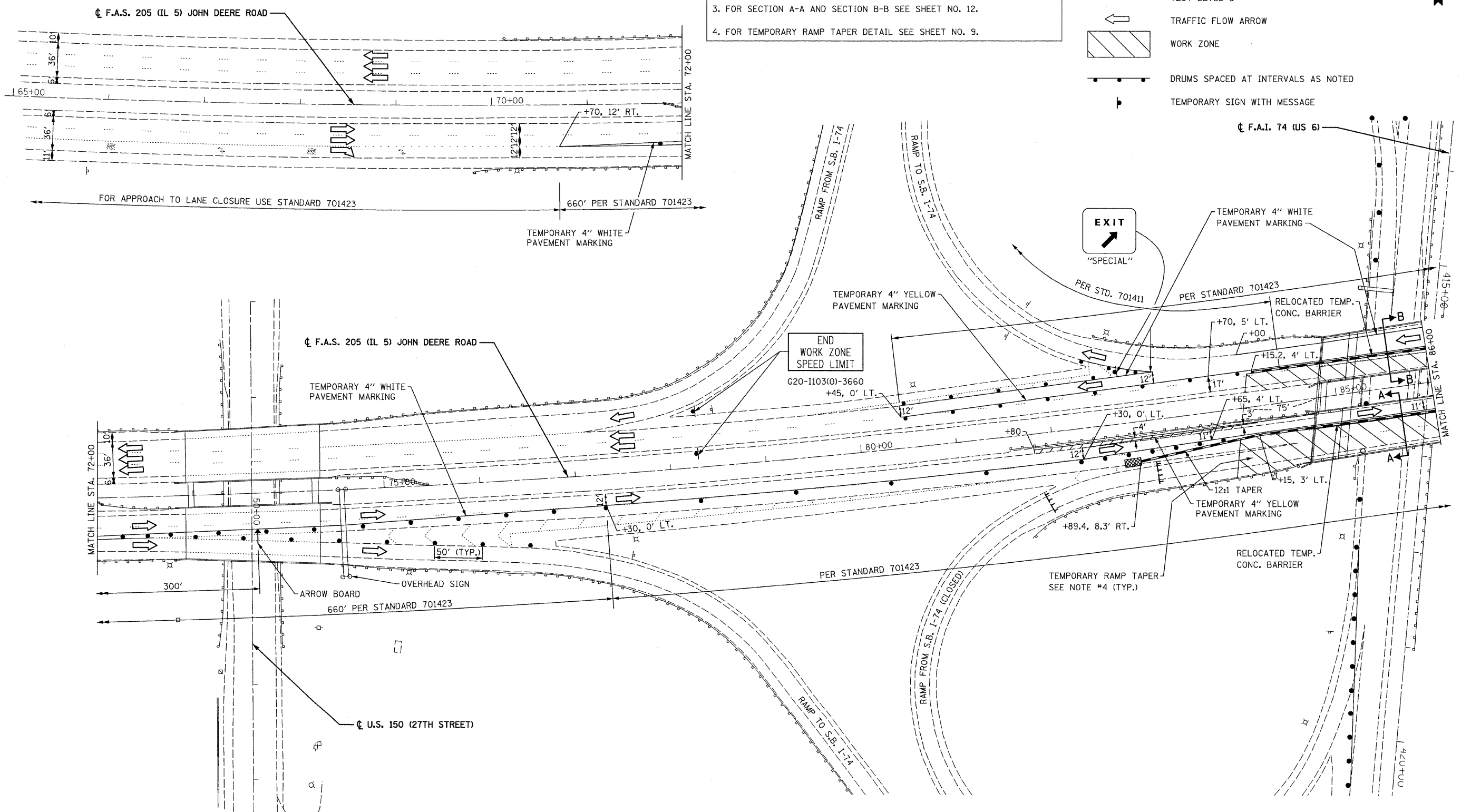
DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

NOTES:

1. MEDIAN SHOULDER REPAIR WORK SHALL CONSIST OF HMA SURFACE REMOVAL 2" AND PLACEMENT OF SURFACE COURSE MIX "C", N50, 2".
2. MEDIAN SHOULDER WORK SHALL BE DONE DURING STAGE I AND UTILIZING LANE CLOSURE STANDARD 701422, "LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH".
3. FOR SECTION A-A AND SECTION B-B SEE SHEET NO. 12.
4. FOR TEMPORARY RAMP TAPER DETAIL SEE SHEET NO. 9.

LEGEND

- PROPOSED HMA SURFACE REMOVAL, 2" HMA SURFACE COURSE, MIX 'C', N50, 2"
- TEMPORARY CONCRETE BARRIER
- RELOCATED IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- TRAFFIC FLOW ARROW
- WORK ZONE
- DRUMS SPACED AT INTERVALS AS NOTED
- TEMPORARY SIGN WITH MESSAGE



FILE NAME =D264H71-sht-stage2.01.dgn
 PLOT DATE =1/24/2012
 PLOT SCALE=50.0000' / IN.

CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED	-	E.M.	REVISED	-
DRAWN	-	B.K.	REVISED	-
CHECKED	-	G.F.L.	REVISED	-
DATE	-	JANUARY 2012	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION PLAN
IL ROUTE 5 AT I-74
STAGE II
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

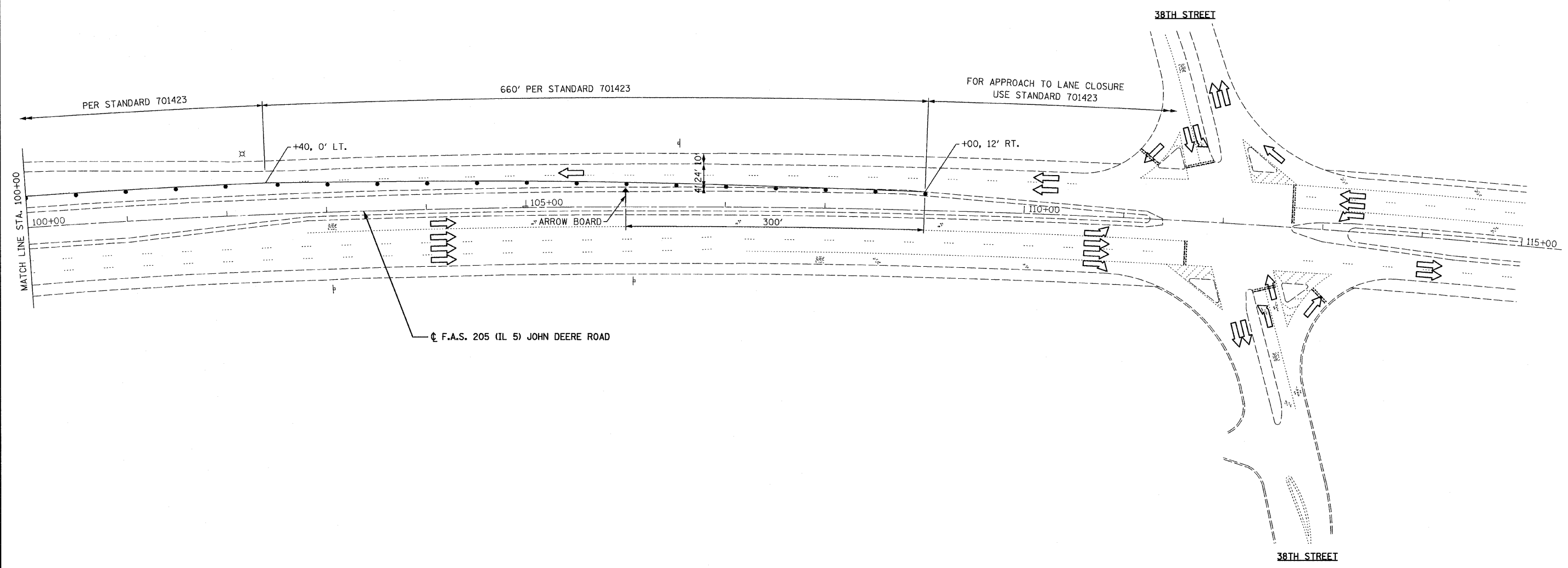
F.A.S. RIE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1)M	ROCK ISLAND	29	11
			CONTRACT NO. 64H71	
ILLINOIS				

MOT 05



DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	





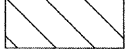


DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



NOTES:

1. MEDIAN SHOULDER REPAIR WORK SHALL CONSIST OF HMA SURFACE REMOVAL 2" AND PLACEMENT OF SURFACE COURSE MIX "C", N50, 2".
2. MEDIAN SHOULDER WORK SHALL BE DONE DURING STAGE I AND UTILIZING LANE CLOSURE STANDARD 701422, "LANE CLOSURE. MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH".

LEGEND

	PROPOSED HMA SURFACE REMOVAL, 2"
	HMA SURFACE COURSE, MIX 'C', N50, 2"
	TEMPORARY CONCRETE BARRIER
	RELOCATED IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
	TRAFFIC FLOW ARROW
	WORK ZONE
	DRUMS SPACED AT INTERVALS AS NOTED
	TEMPORARY SIGN WITH MESSAGE

FILE NAME =D264H71-sht-stage2.03.dgn
 PLOT DATE =1/24/2012
 PLOT SCALE=50.0000' / IN.

CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - E.M.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - G.F.L.	REVISED -
DATE - JANUARY 2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION PLAN
IL ROUTE 5 AT I-74
STAGE II
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

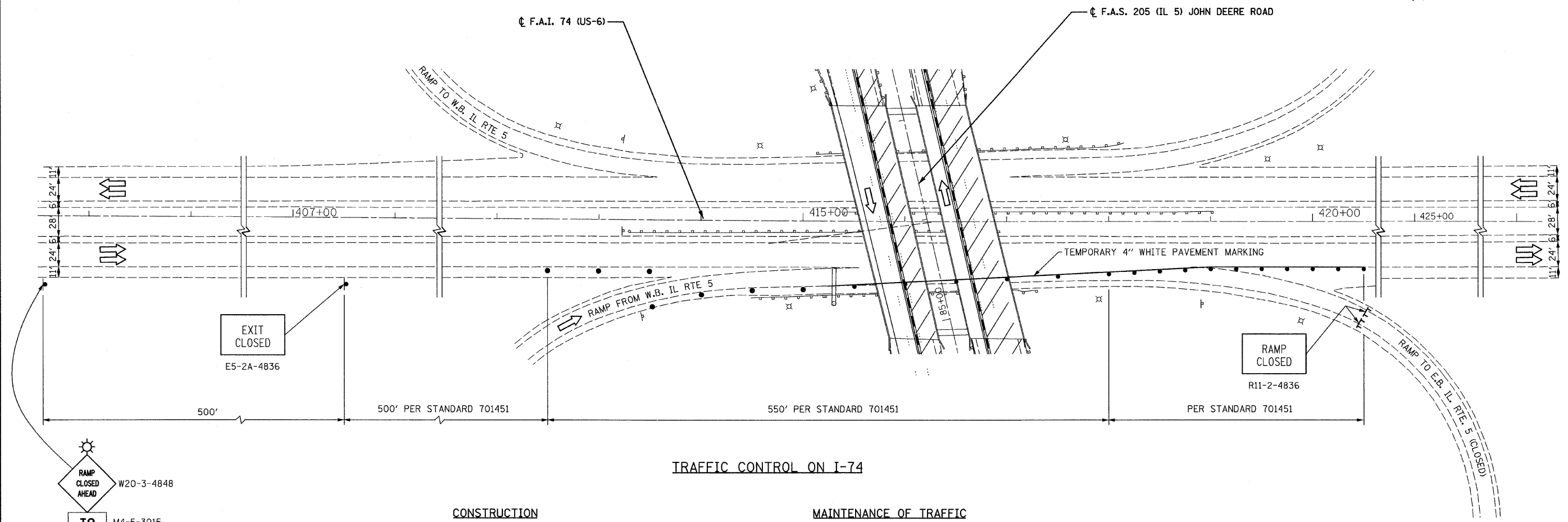
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1)M	ROCK ISLAND	29	13
ILLINOIS			CONTRACT NO. 64H71	

MOT 07



DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
NO.	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
NO.	
AREAS CHECKED	



TRAFFIC CONTROL ON I-74

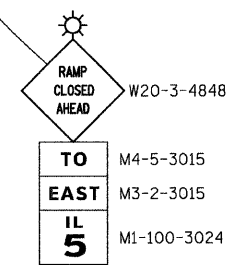
CONSTRUCTION

1. FULL DEPTH DECK REPAIR (SHIELDING) AND ABUTMENT AND PIER CONCRETE REPAIR.

MAINTENANCE OF TRAFFIC

1. USE STANDARD 701401, "LANE CLOSURE, FREEWAY / EXPRESSWAY" AND STANDARD 701411, "LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH".
2. FOR RAMP CLOSURE USE STANDARD 701451.

NOTE: FOR DETOUR ROUTING SEE SHEET NUMBER 6.



LEGEND

	PROPOSED HMA SURFACE REMOVAL, 2" HMA SURFACE COURSE, MIX 'C', N50, 2"
	TEMPORARY CONCRETE BARRIER
	RELOCATED IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
	TRAFFIC FLOW ARROW
	WORK ZONE
	DRUMS SPACED AT INTERVALS AS NOTED
	TEMPORARY SIGN WITH MESSAGE

FILE NAME =D264H71-sh1-stage2_04.dgn
 PLOT DATE =1/24/2012
 PLOT SCALE=50.0000' / IN.

CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - E.M.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - G.F.L.	REVISED -
DATE - JANUARY 2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

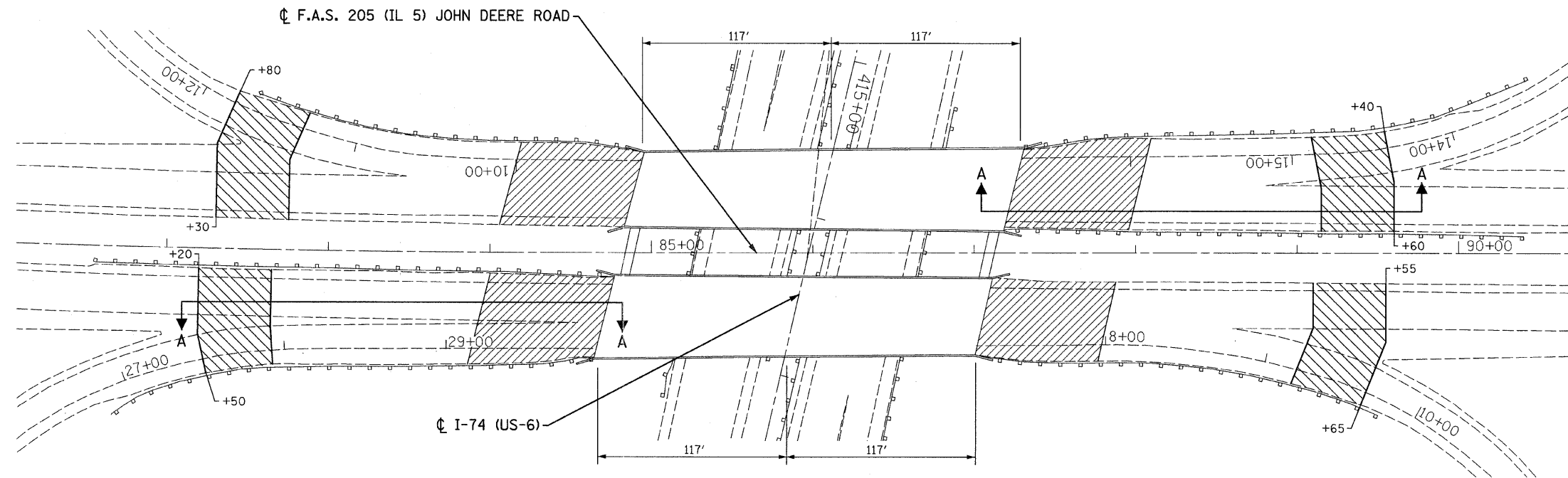
TRAFFIC CONTROL AND PROTECTION PLAN
I-74 AT IL ROUTE 5
STAGE II
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1)M	ROCK ISLAND	29	14
				CONTRACT NO. 64H71
ILLINOIS				

MOT 08

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

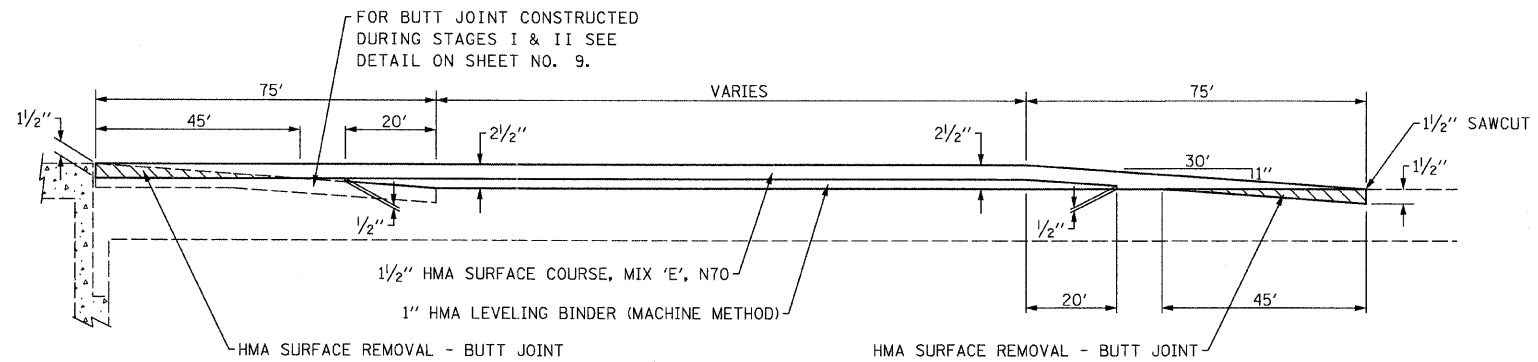


PLAN LEGEND

- PROPOSED BUTT JOINT
- TEMPORARY HMA RAMPS CONSTRUCTED DURING STAGES I & II

NOTES:

1. WORK TO BE ACCOMPLISHED USING TRAFFIC CONTROL AND PROTECTION STANDARD 701422 "LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH" AND STANDARD 701456, "PARTIAL EXIT RAMP CLOSURE, FREEWAY/ EXPRESSWAY".
2. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.



SECTION A-A (TYP.)
(NOT TO SCALE)

FILE NAME =D264H71-sh1-but-jointdet.dgn
 PLOT DATE =1/24/2012
 PLOT SCALE=48.0002' / IN.

CR & A
CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - G.F.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - E.J.M.	REVISED -
DATE - JANUARY 2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

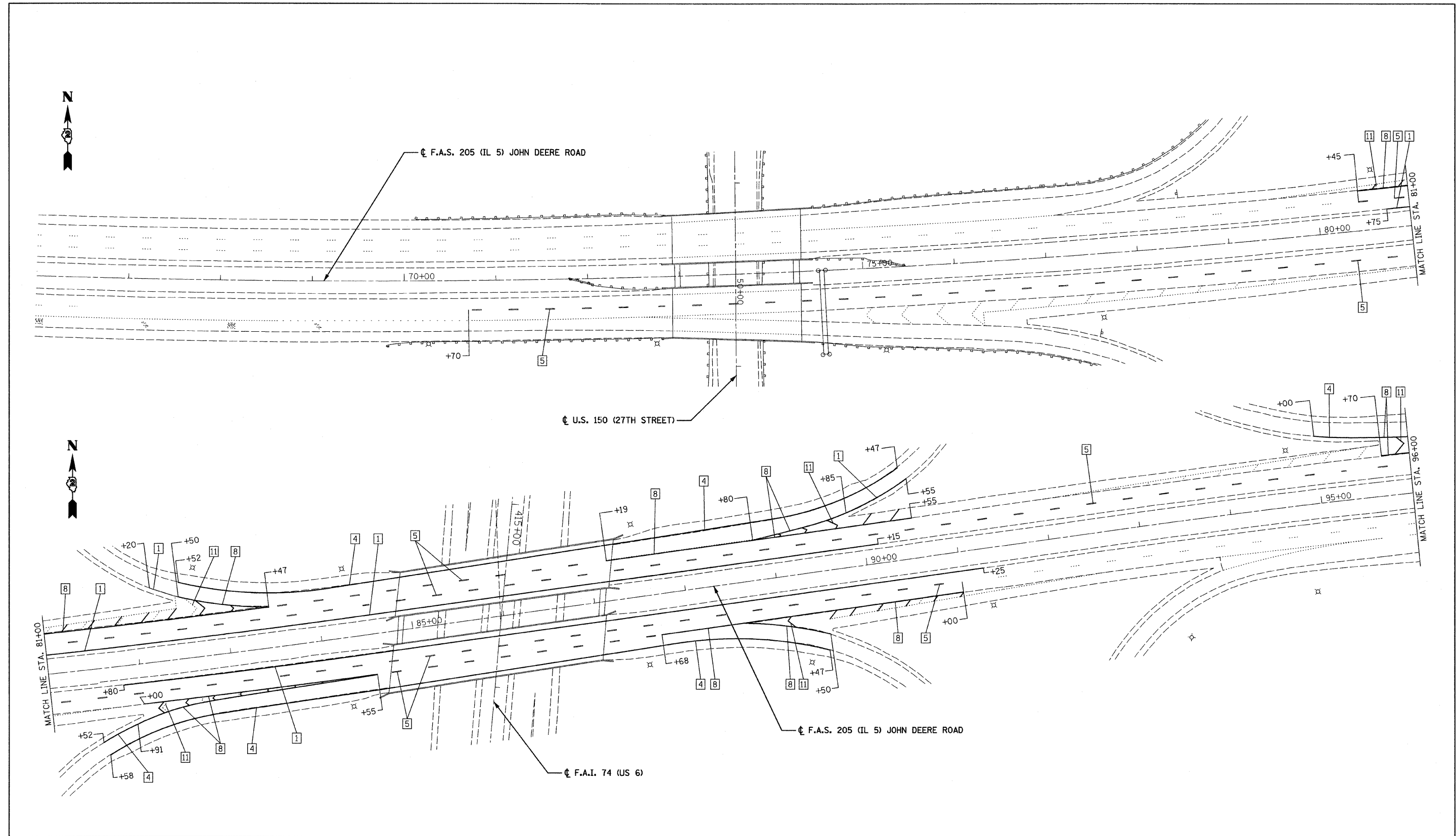
APPROACH PAVEMENT REMOVAL & REPLACEMENT PLAN
IL. ROUTE 5 AT I-74

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1)M	ROCK ISLAND	29	15
				CONTRACT NO. 64H71
ILLINOIS				

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



LEGEND

- | | | | |
|---|--|------------------------------------|-------------------------------|
| 1 LINE 4" (YELLOW SOLID LINE) | 5 LINE 6" (WHITE LANE LINE - 10' DASH, 30' SKIP) | 9 LINE 12" (YELLOW SOLID LINE) | 13 LINE 24" (WHITE STOP BAR) |
| 2 LINE 4" (DOUBLE YELLOW SOLID LINES) | 6 LINE 6" (WHITE SOLID LINE) | 10 LINE 12" (YELLOW DIAGONAL LINE) | 14 LETTERS AND SYMBOLS (TYP.) |
| 3 LINE 4" (YELLOW - 10' DASH, 30' SKIP) | 7 LINE 6" (WHITE LANE LINE - 2' DASH, 6' SKIP) | 11 LINE 12" (WHITE SOLID LINE) | |
| 4 LINE 4" (WHITE SOLID LINE) | 8 LINE 8" (WHITE SOLID LINE) | 12 LINE 12" (WHITE DIAGONAL LINE) | |

NOTES:

- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SPECIFIED.
- RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE USED THROUGHOUT THE PROJECT LIMITS. SEE DISTRICT DETAIL FOR TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT).

FILE NAME = 0264H71-sh-t-pmk-01.dgn
 PLOT DATE = 1/24/2012
 PLOT SCALE = 50.0000' / IN.

CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - E.M.	REVISED -
DRAWN - J.V.	REVISED -
CHECKED - G.F.L.	REVISED -
DATE - JANUARY 2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

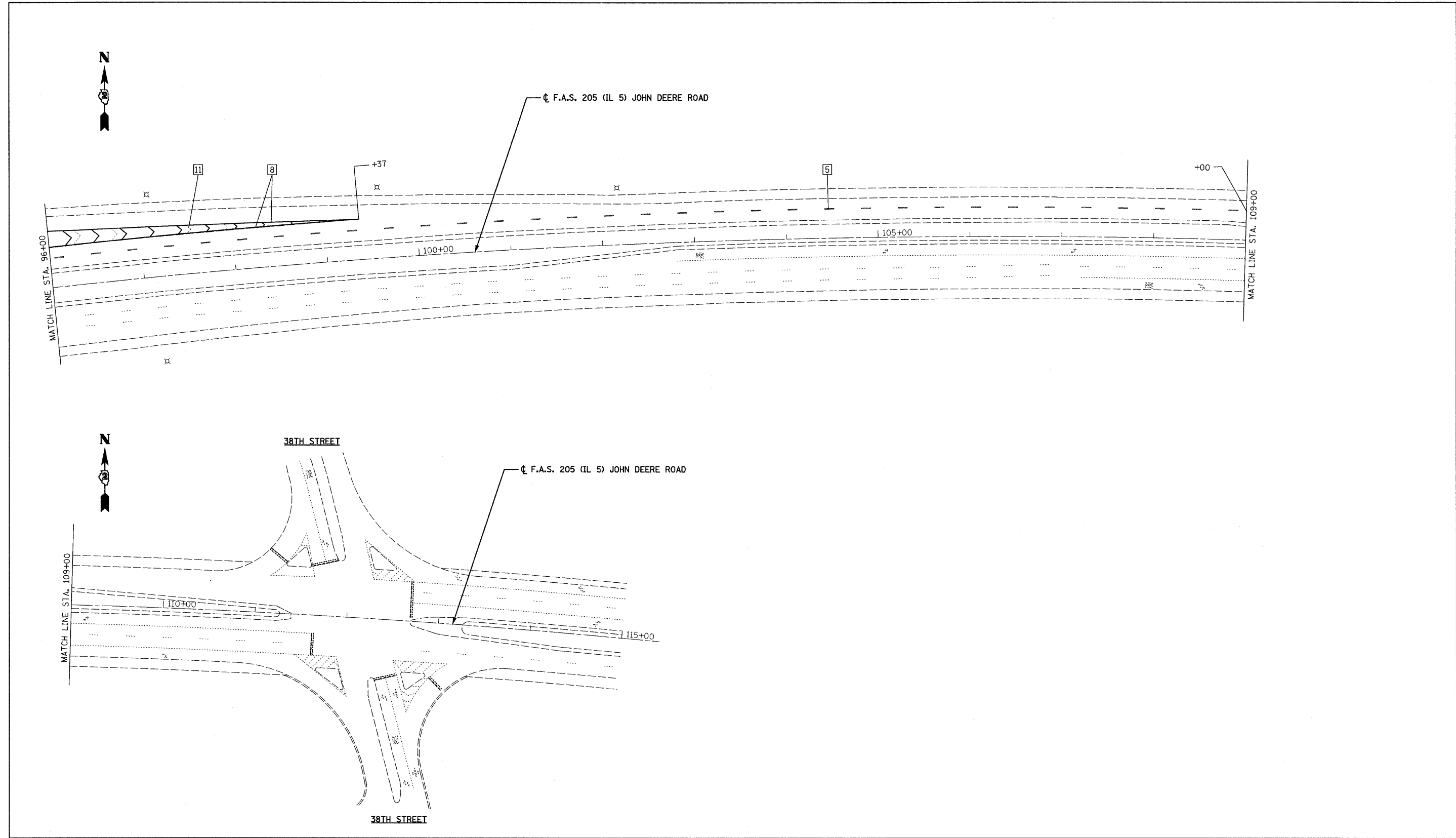
PAVEMENT MARKING PLAN
IL ROUTE 5 AT I-74

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1)M	ROCK ISLAND	29	16
CONTRACT NO. 64H71				
ILLINOIS				

DATE	
BY	
FINAL SURVEY	
NOTE BOOK NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



LEGEND

- | | | | |
|---|--|------------------------------------|-------------------------------|
| 1 LINE 4" (YELLOW SOLID LINE) | 5 LINE 6" (WHITE LANE LINE - 10' DASH, 30' SKIP) | 9 LINE 12" (YELLOW SOLID LINE) | 13 LINE 24" (WHITE STOP BAR) |
| 2 LINE 4" (DOUBLE YELLOW SOLID LINES) | 6 LINE 6" (WHITE SOLID LINE) | 10 LINE 12" (YELLOW DIAGONAL LINE) | 14 LETTERS AND SYMBOLS (TYP.) |
| 3 LINE 4" (YELLOW - 10' DASH, 30' SKIP) | 7 LINE 6" (WHITE LANE LINE - 2' DASH, 6' SKIP) | 11 LINE 12" (WHITE SOLID LINE) | |
| 4 LINE 4" (WHITE SOLID LINE) | 8 LINE 8" (WHITE SOLID LINE) | 12 LINE 12" (WHITE DIAGONAL LINE) | |

NOTES:

- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SPECIFIED.
- RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE USED THROUGHOUT THE PROJECT LIMITS. SEE DISTRICT DETAIL FOR TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT).

FILE NAME = D264H71-sh1-pmk_02.dgn
 PLOT DATE = 1/24/2012
 PLOT SCALE = 50.0000' / IN.

CR & A
 CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - E.M.	REVISIONS -
DRAWN - J.V.	REVISIONS -
CHECKED - G.F.L.	REVISIONS -
DATE - JANUARY 2012	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
IL ROUTE 5 AT I-74

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1)M	ROCK ISLAND	29	17
				CONTRACT NO. 64H71
ILLINOIS				

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

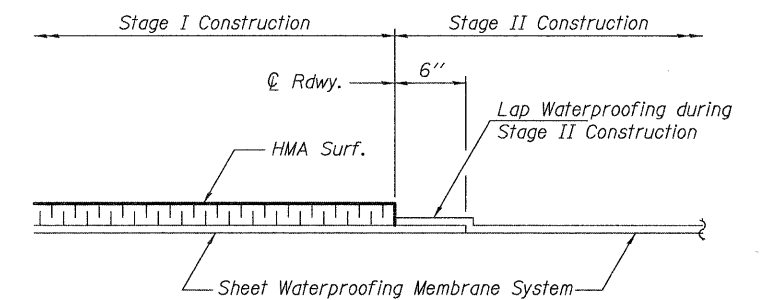
Reinforcement bars designated (E) shall be epoxy coated.
Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.

* The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.



WATERPROOFING TREATMENT AT STAGE CONSTRUCTION

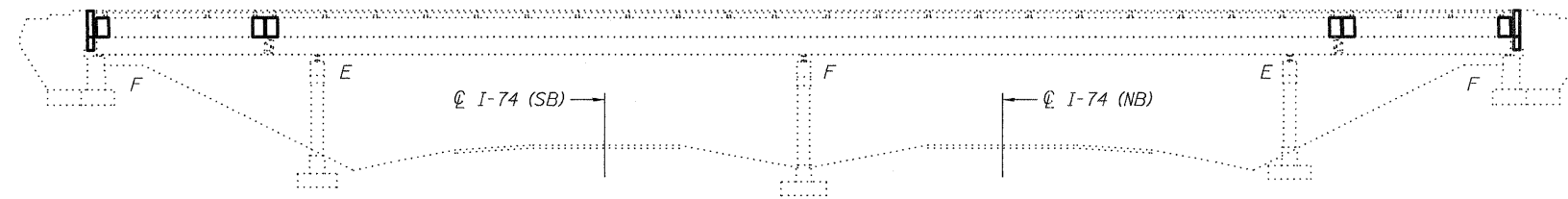
* Applies only to new concrete at joint locations.

** Quantities are estimates. Actual quantity, location and size to be determined by the Engineer in the field.

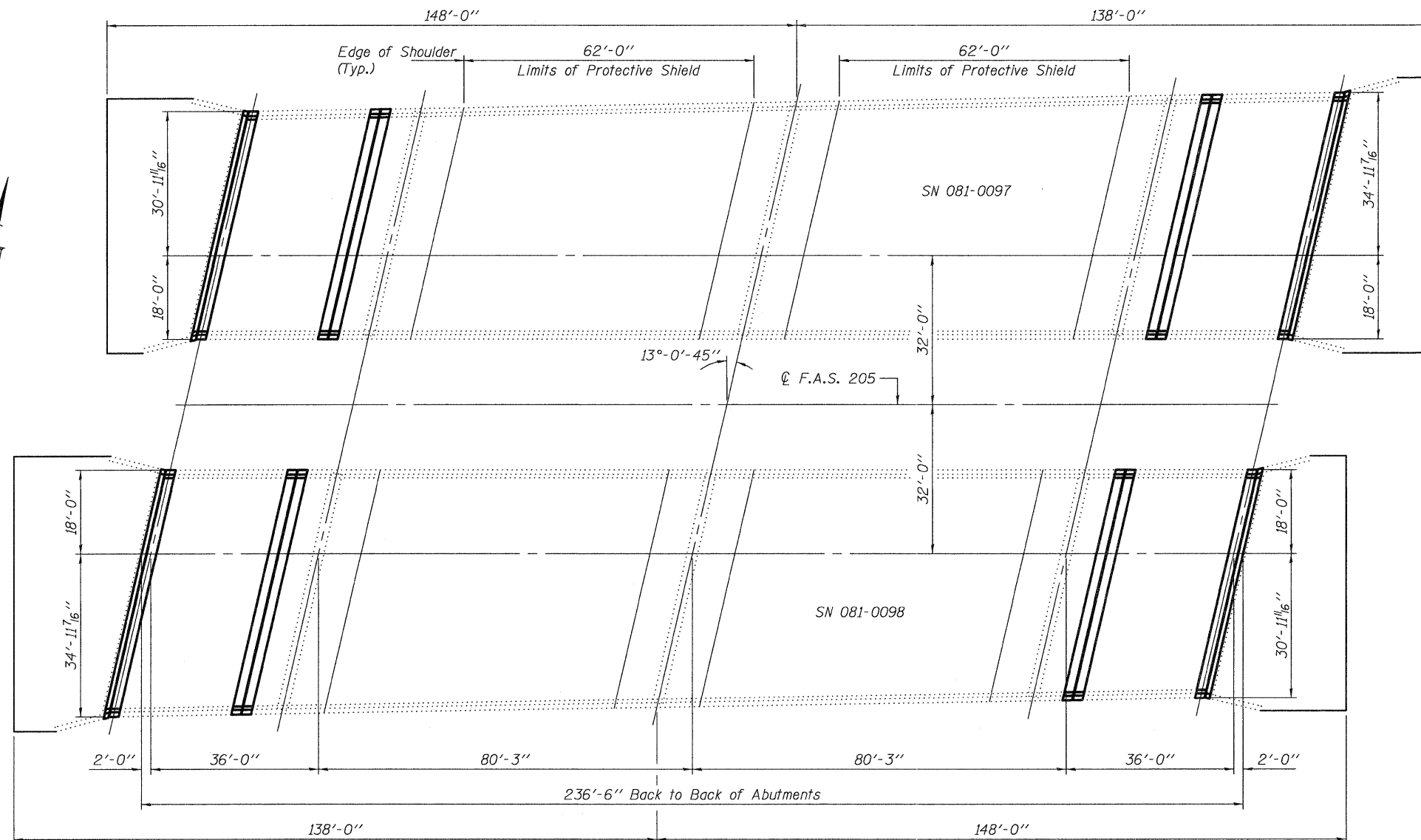
For pay items and quantities on approaches, see Roadway plans.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	66.7
Concrete Superstructure	Cu. Yd.	72.8
Prefomed Joint Strip Seal	Foot	406
Bar Splicers	Each	136
Reinforcement Bars, Epoxy Coated	Pound	12,420
Hot-Mix Asphalt Surface Course Mix "D" N70	Ton	223
Sheet Waterproofing Membrane System	Sq. Yd.	2404
Protective Shield	Sq. Yd.	1400
Protective Coat	Sq. Yd.	175
Deck Slab Repair (Partial Depth)	Sq. Yd.	300
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	100
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	20



ELEVATION



PLAN



Expires: November 30, 2012

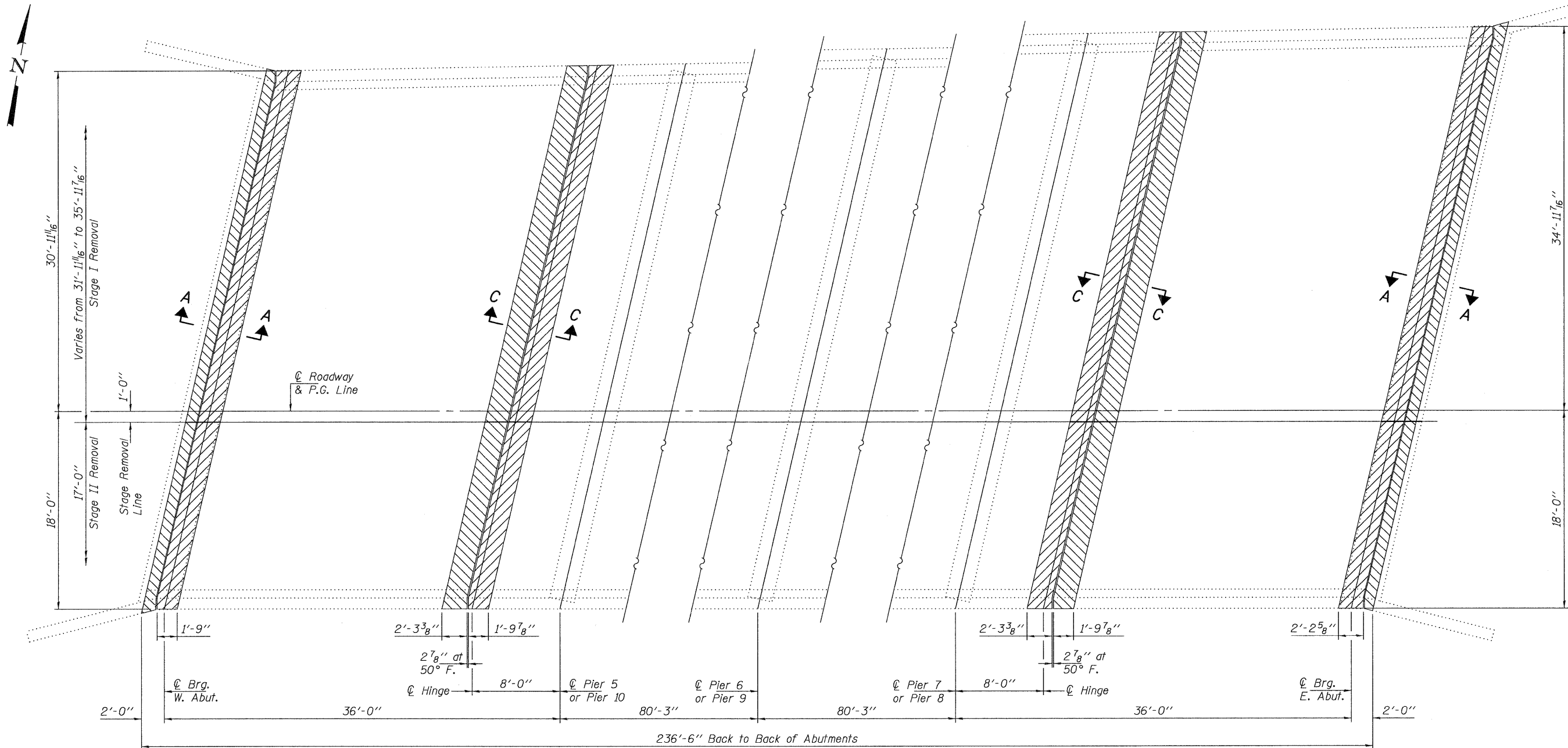
DESIGNED - <i>Jim J. [Signature]</i>	EXAMINED - <i>Jim F. [Signature]</i>	DATE - MARCH 12, 2012
CHECKED - Adrian T. Holloway	PASSED - <i>David Carl Pucey</i>	
DRAWN - Kyle M. Steffen		
CHECKED - I.J.L. ATH		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN & ELEVATION
JOHN DEERE ROAD OVER I-74
SN 081-0097 (WB) & 0098 (EB)**

SHEET NO. 1 OF 6 SHEETS

F.A.S. RTE. 205	SECTION (B1-2HB-1M)	COUNTY ROCK ISLAND	TOTAL SHEETS 29	SHEET NO. 18
				CONTRACT NO. 64H71
ILLINOIS FED. AID PROJECT				



CONCRETE REMOVAL PLAN

DESIGNED - IJL
 CHECKED - ATH
 DRAWN - Kyle M. Steffen
 CHECKED - IJL ATH

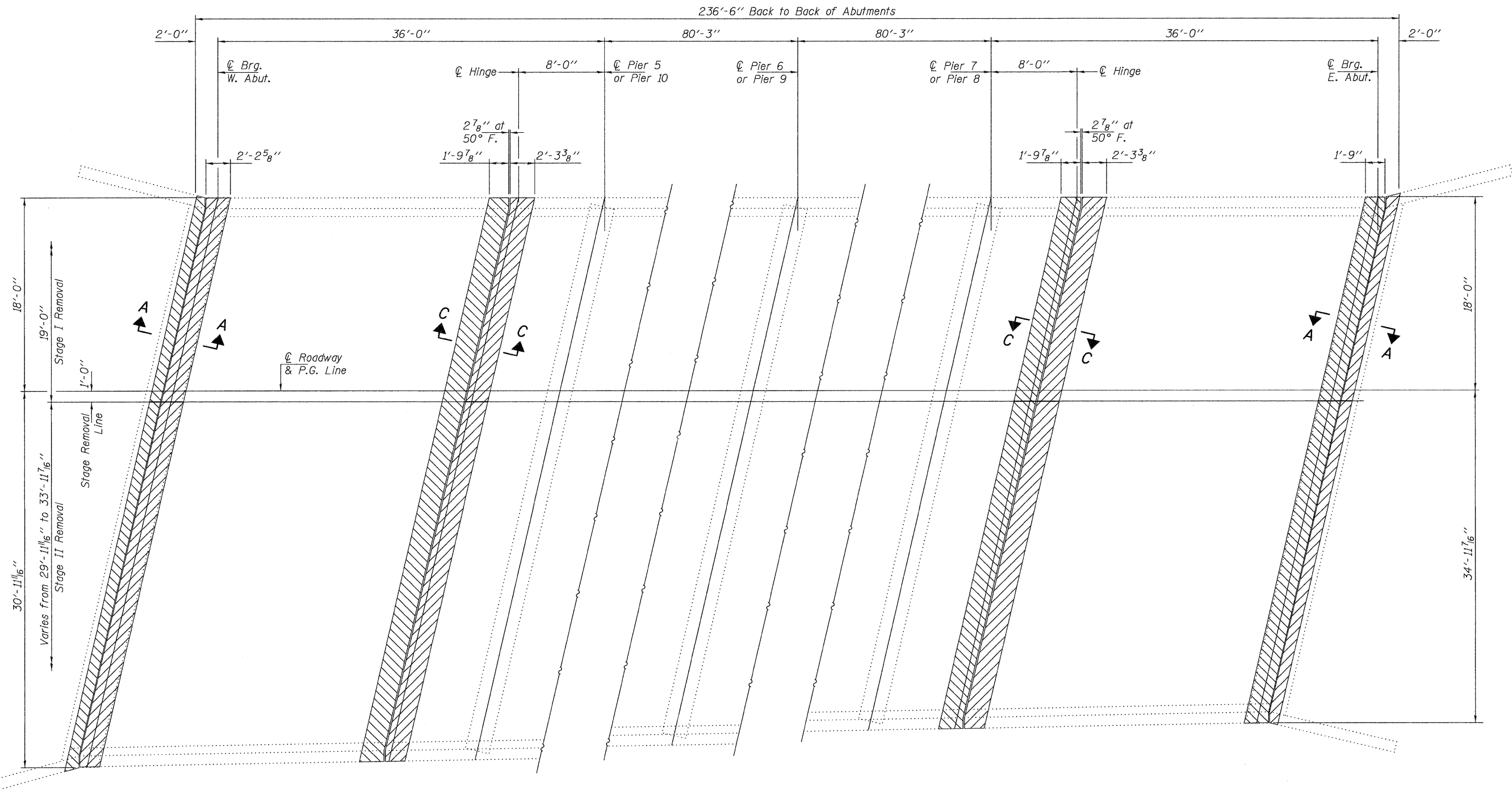
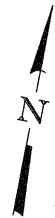
EXAMINED *Jaime F. Joffe*
 ACTING ENGINEER OF STRUCTURAL SERVICES
 PASSED *Carl Perry*
 ACTING ENGINEER OF BRIDGES AND STRUCTURES
 DATE - MARCH 12, 2012

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CONCRETE REMOVAL DETAILS
 SN 081-0097 (WB)**

SHEET NO. 2 OF 6 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1)M	ROCK ISLAND	29	19
CONTRACT NO. 64H71			ILLINOIS FED. AID PROJECT	



CONCRETE REMOVAL PLAN

DESIGNED - IJL
 CHECKED - ATH
 DRAWN - Kyle M. Steffen
 CHECKED - IJL ATH

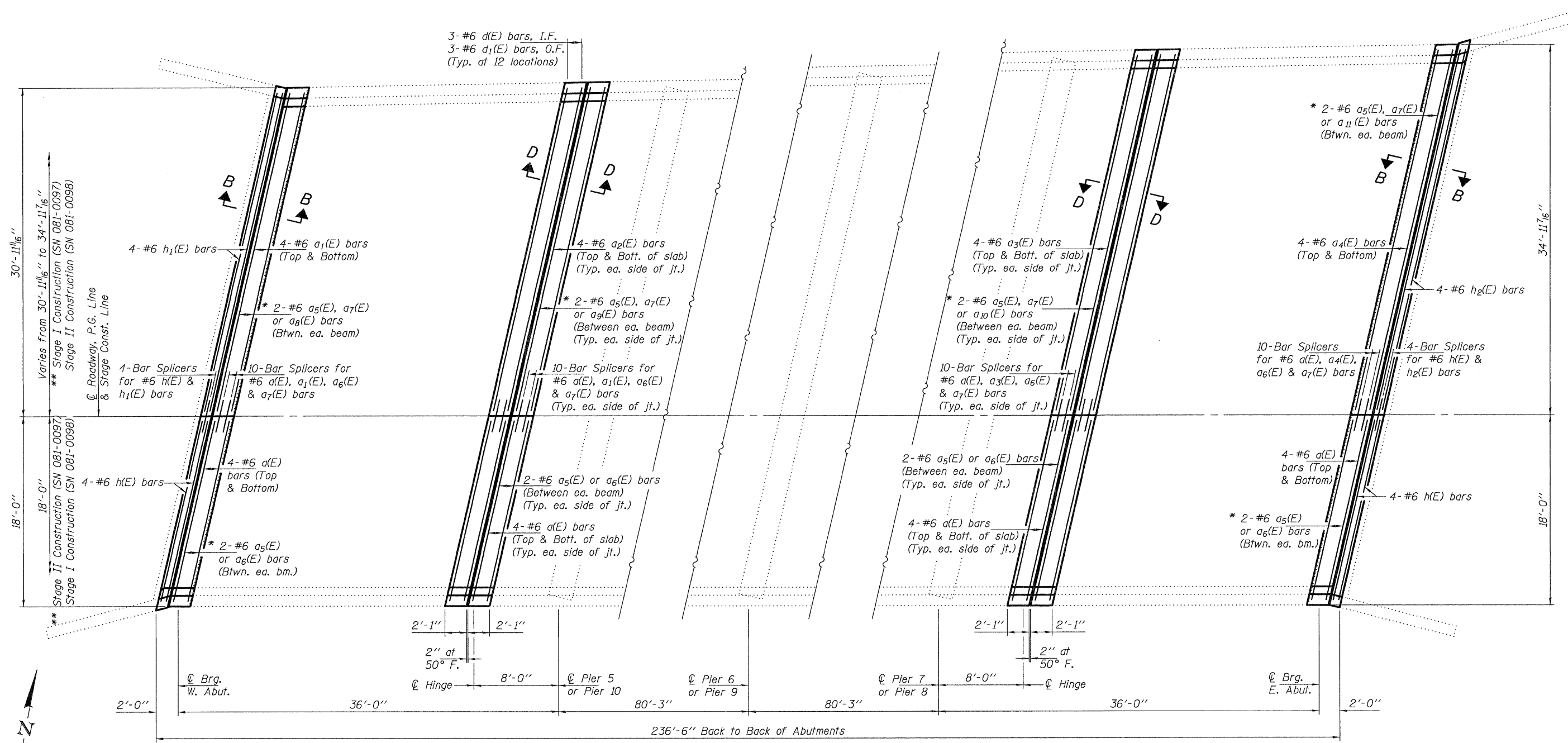
EXAMINED *James F. Jolly*
 ACTING ENGINEER OF STRUCTURAL SERVICES
 PASSED *Carl Power*
 ACTING ENGINEER OF BRIDGES AND STRUCTURES
 DATE - MARCH 12, 2012

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CONCRETE REMOVAL DETAILS
 SN 081-0098 (EB)**

SHEET NO. 2A OF 6 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1)M	ROCK ISLAND	29	19A
				CONTRACT NO. 64H71
ILLINOIS FED. AID PROJECT				



* See Typical Cross-Section on sheet 4 of 6 for more details.

CONCRETE REPLACEMENT PLAN

SN: 081-0097 (WB) shown,
SN: 081-0098 (EB) similar by 180° rotation
except as noted by **

DESIGNED - IJL	EXAMINED
CHECKED - ATH	PASSED
DRAWN - Kyle M. Steffen	
CHECKED - IJL ATH	

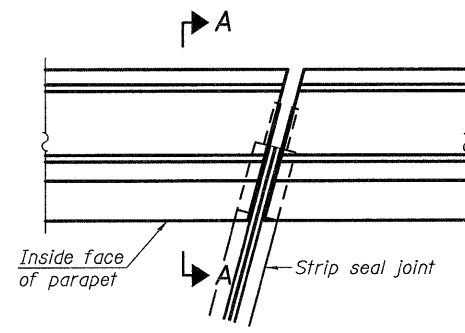
<i>James F. Jell</i> ACTING ENGINEER OF STRUCTURAL SERVICES	DATE - MARCH 12, 2012
<i>Carl R. ...</i> ACTING ENGINEER OF BRIDGES AND STRUCTURES	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

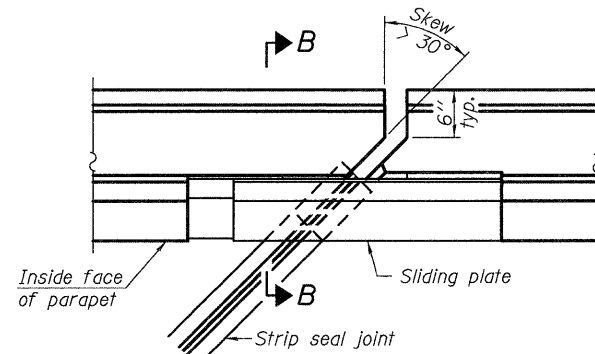
**CONCRETE REPLACEMENT DETAILS
SN 081-0097 (WB) & 0098 (EB)**

SHEET NO. 3 OF 6 SHEETS

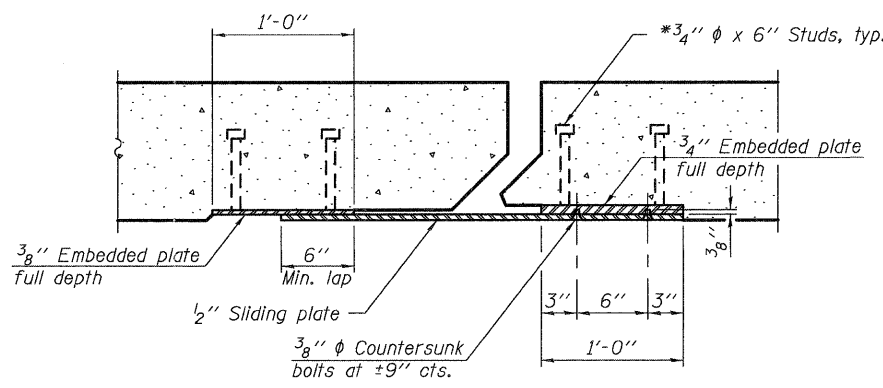
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1M)	ROCK ISLAND	29	20
CONTRACT NO. 64H71			ILLINOIS FED. AID PROJECT	



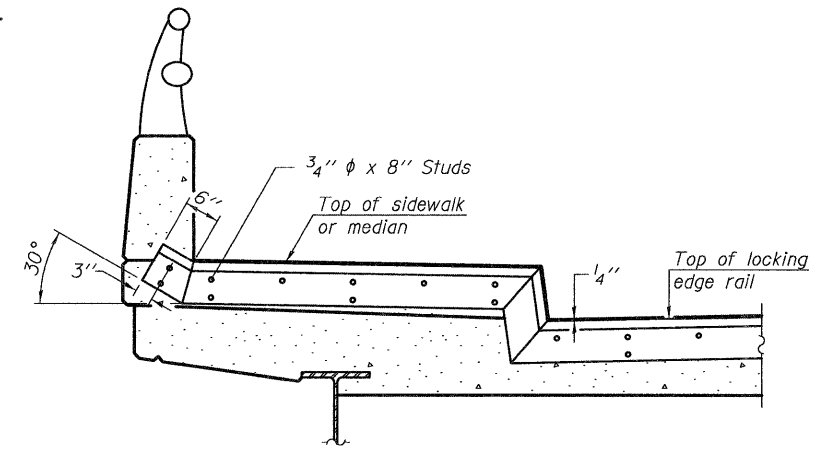
PLAN
(For skews $\leq 30^\circ$)



PLAN
(For skews $> 30^\circ$)
Showing point block

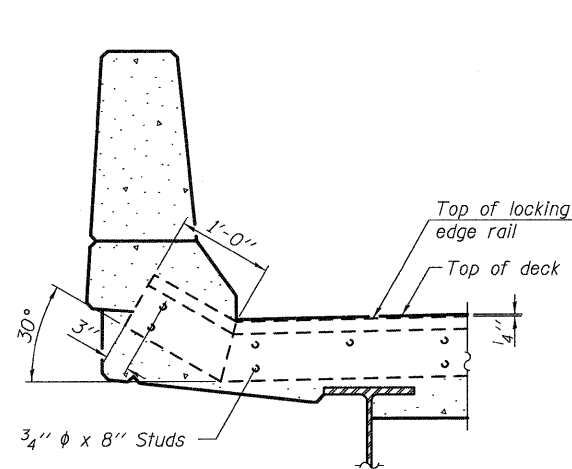


SECTION C-C

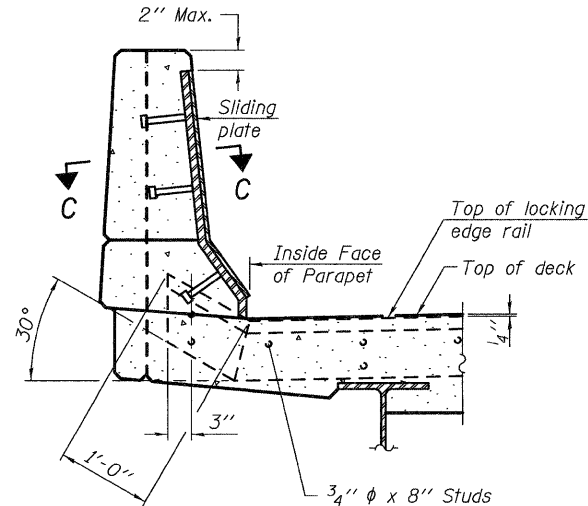


TYPICAL END TREATMENT AT SIDEWALK OR MEDIAN

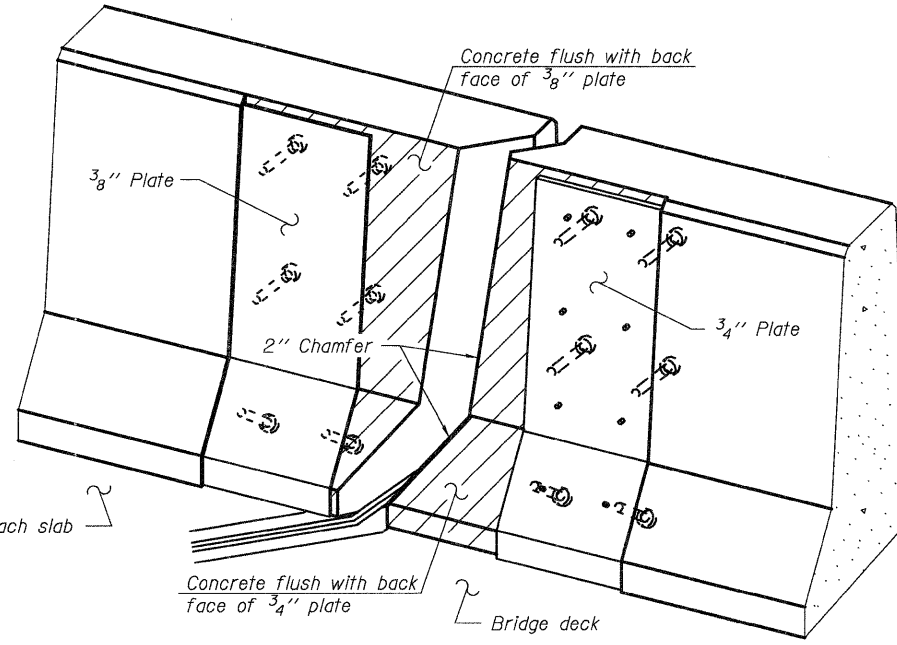
Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.



SECTION A-A



SECTION B-B



TRIMETRIC VIEW
(Showing back plates only)

Notes:

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

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

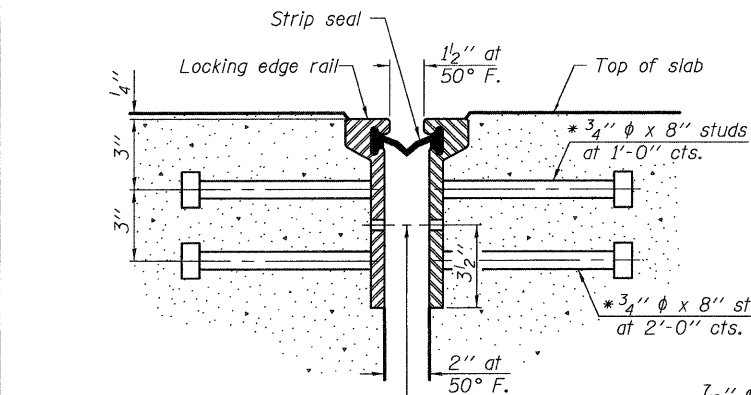
The manufacturer's recommended installation methods shall be followed.

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

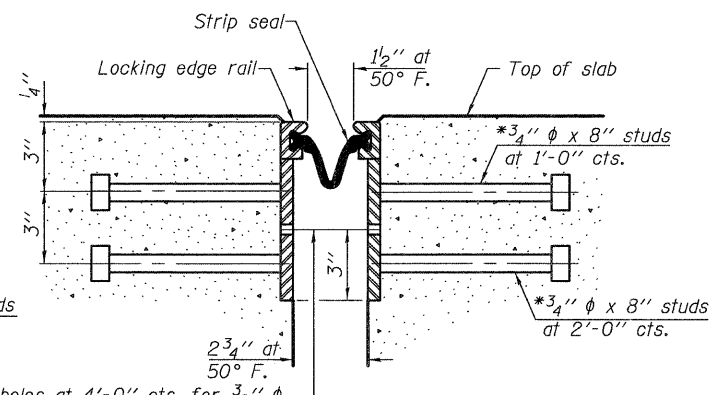
All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

Maximum space between rail segments at stage lines shall be 3/16", sealed with a suitable sealant.

Parapet plates and anchorage studs for skews $> 30^\circ$ included in the cost of Preformed Joint Strip Seal.



SECTION THRU ROLLED RAIL JOINT



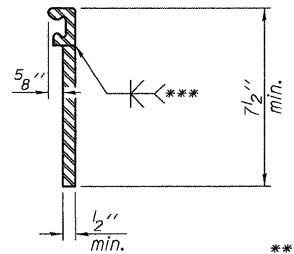
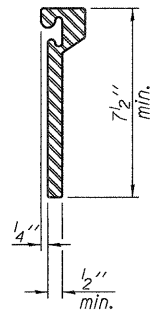
SECTION THRU WELDED RAIL JOINT

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

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

ROLLED EXTRUDED RAIL

WELDED RAIL



*** Back gouge not required if complete joint penetration is verified by mock-up.

LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	406

EJ-SSJ

7-1-10

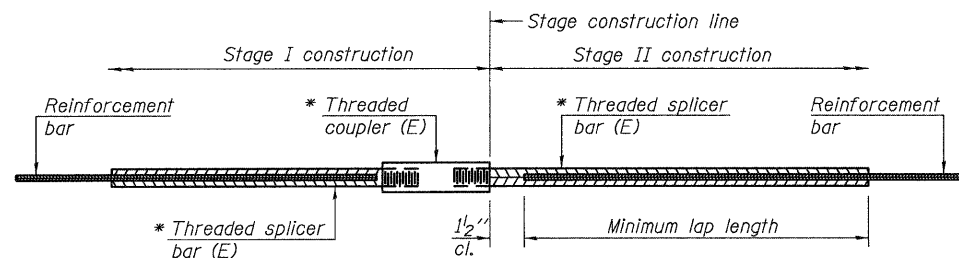
DESIGNED - IJL	EXAMINED - <i>Joey F. [Signature]</i>	DATE - MARCH 12, 2012
CHECKED - ATH	PASSED - <i>Carl [Signature]</i>	
DRAWN - Kyle M. Steffen		
CHECKED - IJL ATH		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL DETAILS
SN 081-0097 (WB) & 0098 (EB)

SHEET NO. 5 OF 6 SHEETS

F.A.S. RTE. 205	SECTION (81-2HB-1M)	COUNTY ROCK ISLAND	TOTAL SHEETS 29	SHEET NO. 22
				CONTRACT NO. 64H71
ILLINOIS FED. AID PROJECT				



STANDARD BAR SPLICER ASSEMBLY

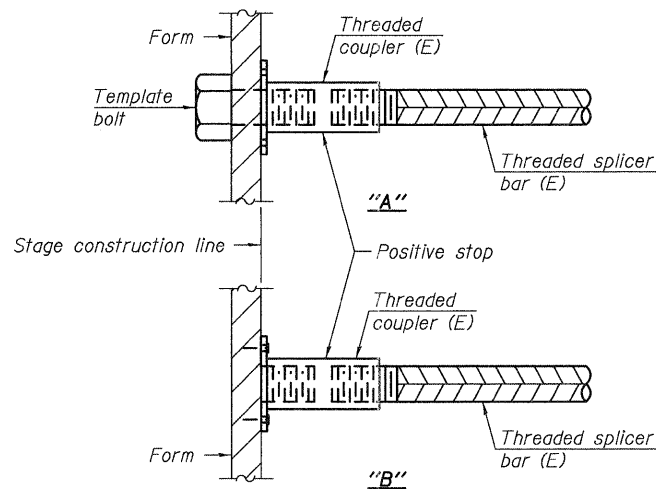
Minimum Lap Lengths					
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-3"
5	1'-9"	2'-5"	2'-7"	2'-11"	2'-10"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-4"
7	2'-9"	3'-10"	4'-2"	4'-8"	4'-6"
8	3'-8"	5'-1"	5'-5"	6'-2"	5'-10"
9	4'-7"	6'-5"	6'-10"	7'-9"	7'-5"

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

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

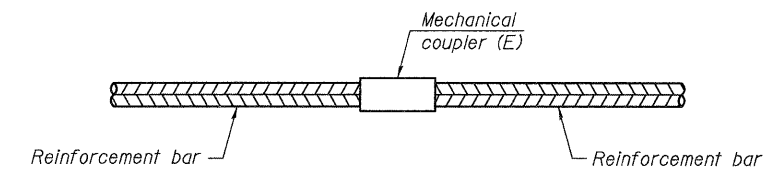
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Structure Number	Location	Bar size	No. assemblies required	Table for minimum lap length
081-0097	West Abutment	#6	14	4
081-0097	East Abutment	#6	14	4
081-0097	West Hinge	#6	20	3
081-0097	East Hinge	#6	20	3
081-0098	West Abutment	#6	14	4
081-0098	East Abutment	#6	14	4
081-0098	West Hinge	#6	20	3
081-0098	East Hinge	#6	20	3



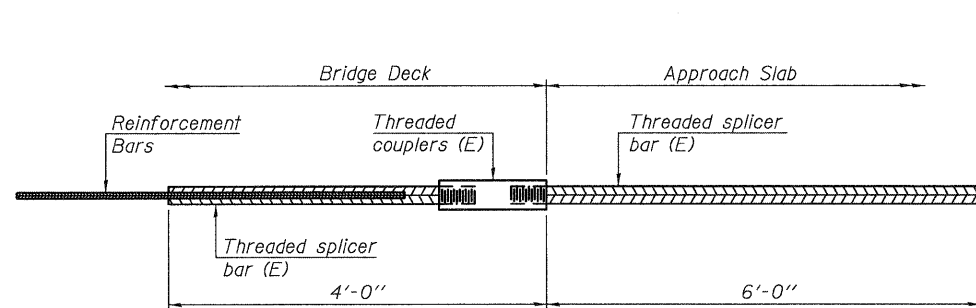
INSTALLATION AND SETTING METHODS

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



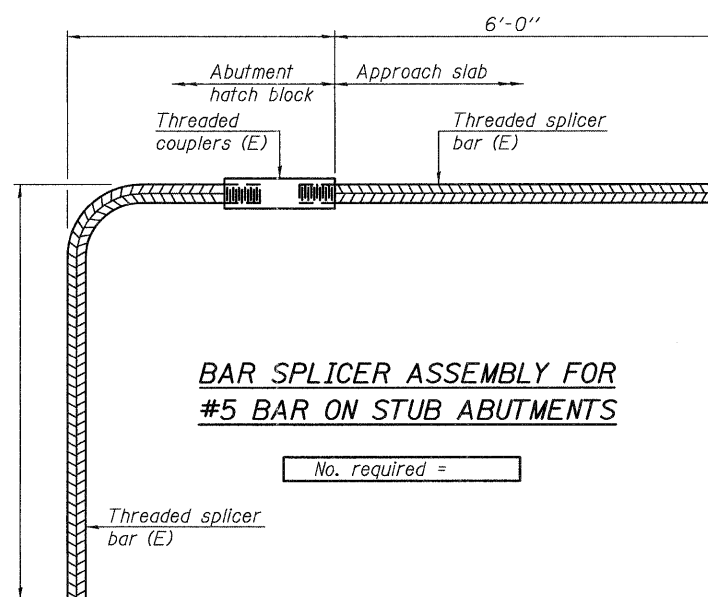
STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



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

No. required =



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

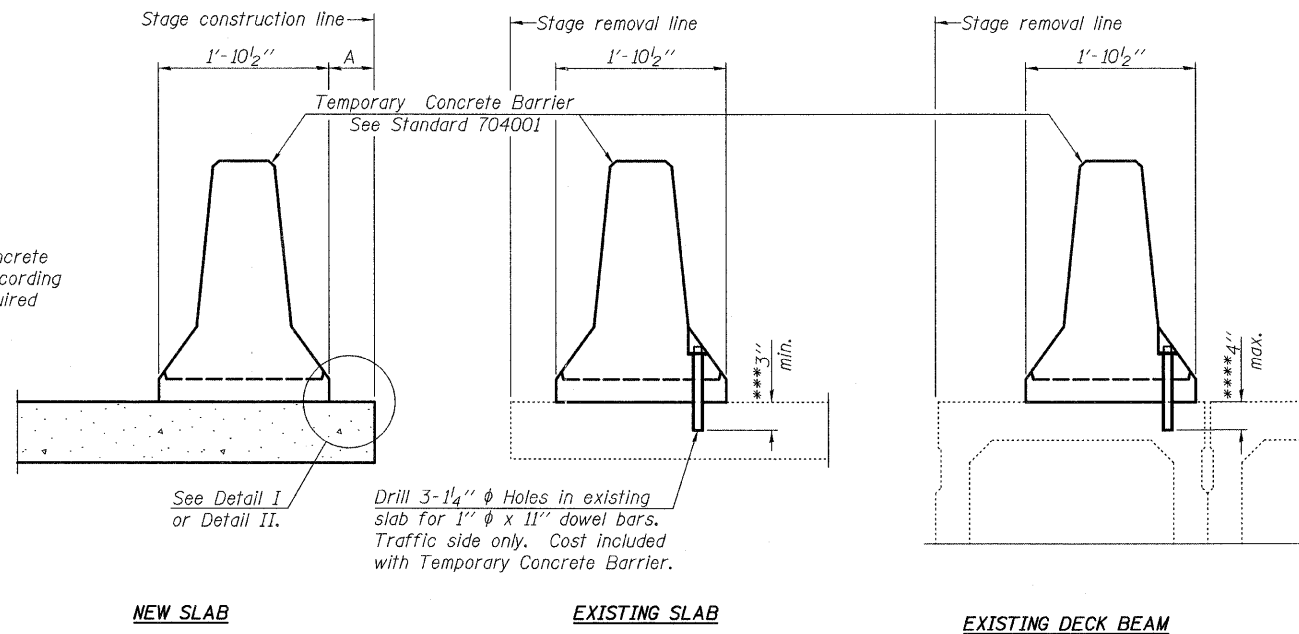
NOTES

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

DATE	
BY	
NO.	
FINAL SURVEY	
NOTE BOOK	
NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

DATE	
BY	
NO.	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

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



SECTIONS THRU SLAB OR DECK BEAM

NOTES

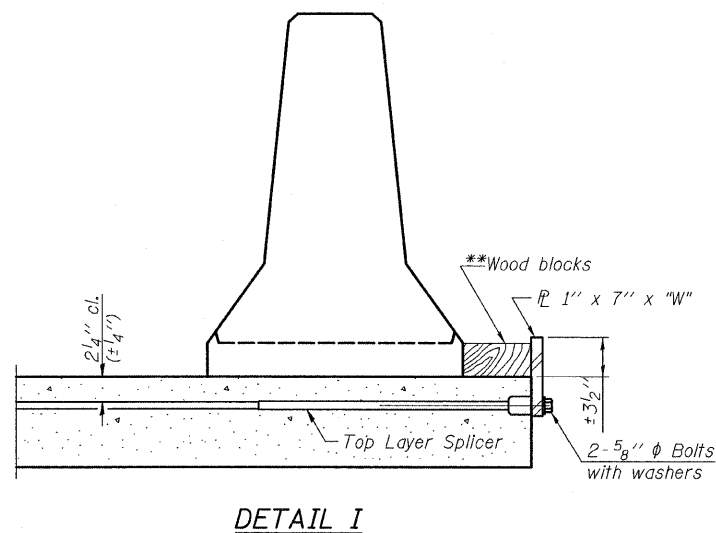
Detail I - With Bar Splicer or Couplers:
Connect one (1) 1" x 7" x "W" steel \bar{P} to the top layer of couplers with 2-5/8" ϕ bolts screwed to coupler at approximate \bar{C} of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1" x 7" x "W" steel \bar{P} to the concrete slab or concrete wearing surface with 2-5/8" ϕ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate \bar{C} of each barrier panel.

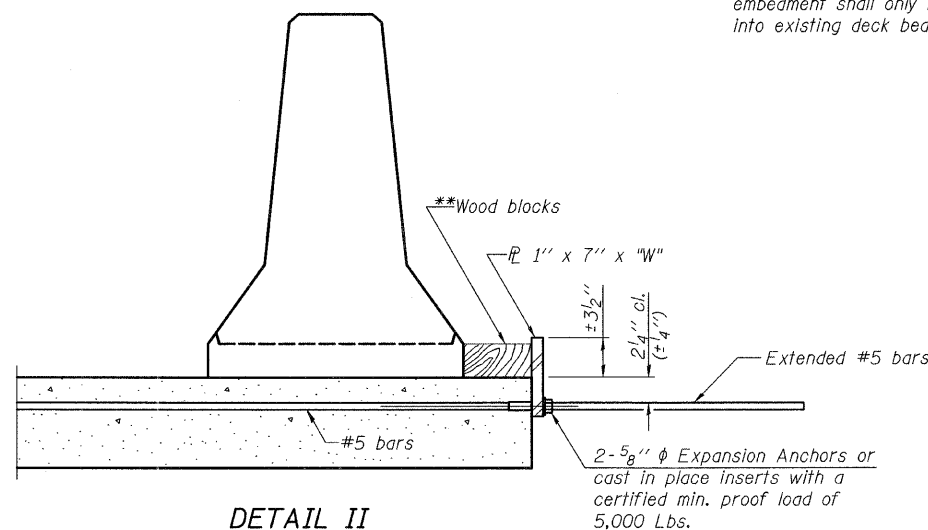
Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 7" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

*** Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

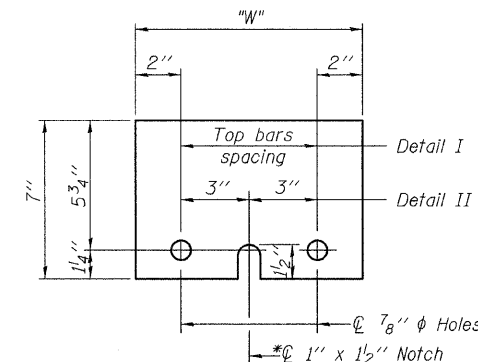
**** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



DETAIL I



DETAIL II



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

* Required only with Detail II

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

"W" = Top bars spacing + 4"

R-27

7-1-10

FILE NAME =D264H71-sht-pinningdetail.dgn
PLOT DATE =1/24/2012
PLOT SCALE=50.0000 / IN.

CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED -	REVISIONS -
DRAWN -	REVISIONS -
CHECKED -	REVISIONS -
DATE - JANUARY 2012	REVISIONS -

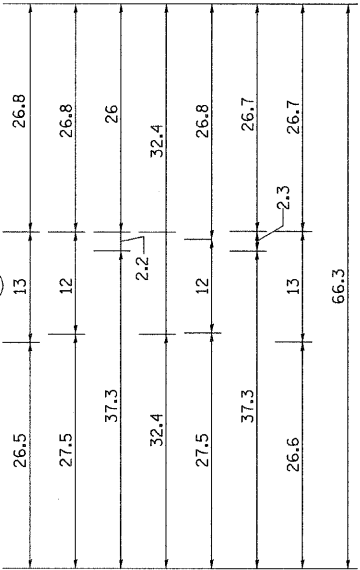
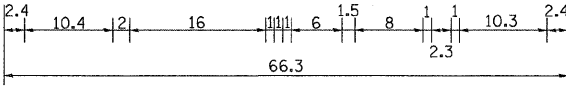
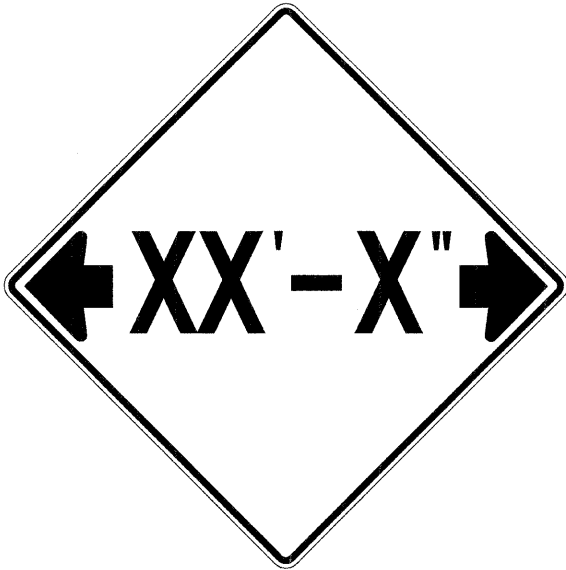
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
S.N. 081-0097 (WB) & S.N. 081-0098 (EB)
JOHN DEERE ROAD OVER I-74

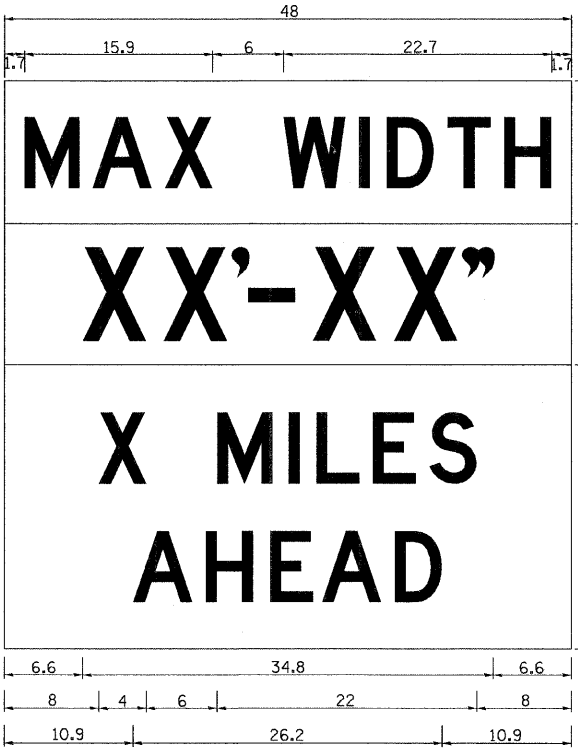
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1)M	ROCK ISLAND	29	24
			CONTRACT NO. 64H71	
ILLINOIS				

INFORMATIONAL WARNING SIGN (FOR NARROW TRAVEL LANES)



NOTES
 W12-2 - Horizontal Clearance Sign
 48.0" across sides, 1.9" Radius,
 0.8" Border, 0.5" Indent, Black on
 Orange; Standard Arrow Custom
 10.4" X 8.1" 180° Black 11 Inch
 D Series Lettering; Standard Arrow
 Custom 10.4" X 8.1" 0°



W12-1103 (Width is 8D);
 No border, Black on White;
 [MAX WIDTH] D;

 No border, Black on Orange;
 [XX'-XX'] D;

 No border, Black on White;
 [X MILES] D; [AHEAD] D;

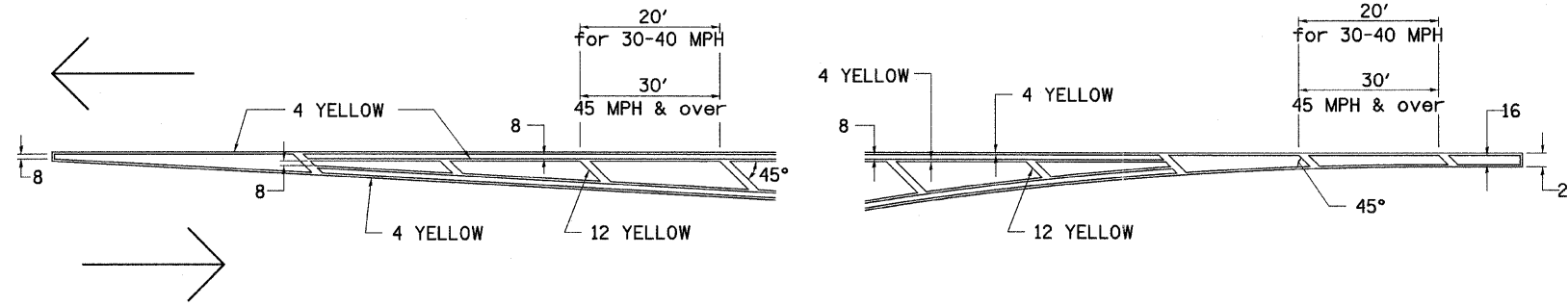
All work to furnish and install these signs shall be included in the cost of the Traffic Control Standards and shall not be paid for separately.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

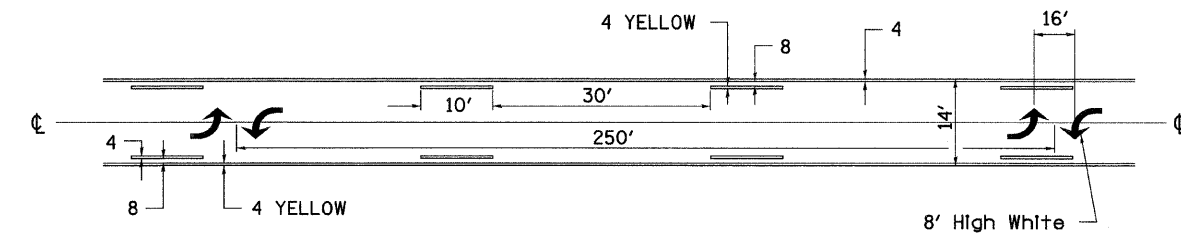
REVISED - 5-15-09	REGION 2 / DISTRICT 2 STANDARD	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		205	(81-2HB-1)M	ROCK ISLAND	29	25
REVISED -		CONTRACT NO. 64H71				
REVISED -		SCALE: 5/8"=1'-0" / IN	SHEET NO.	OF	SHEETS	STA.

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

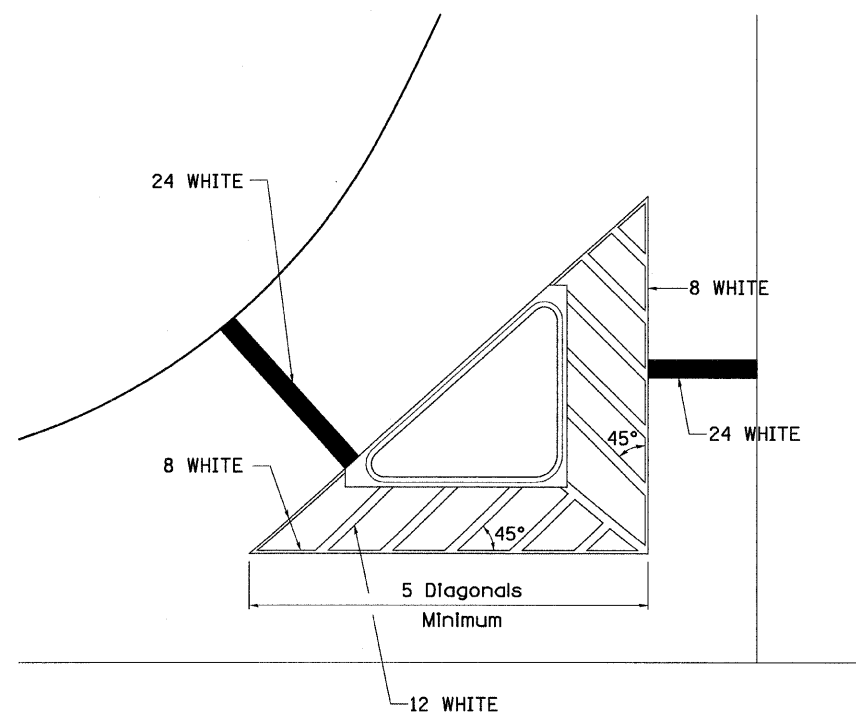


MEDIAN PAVEMENT MARKING

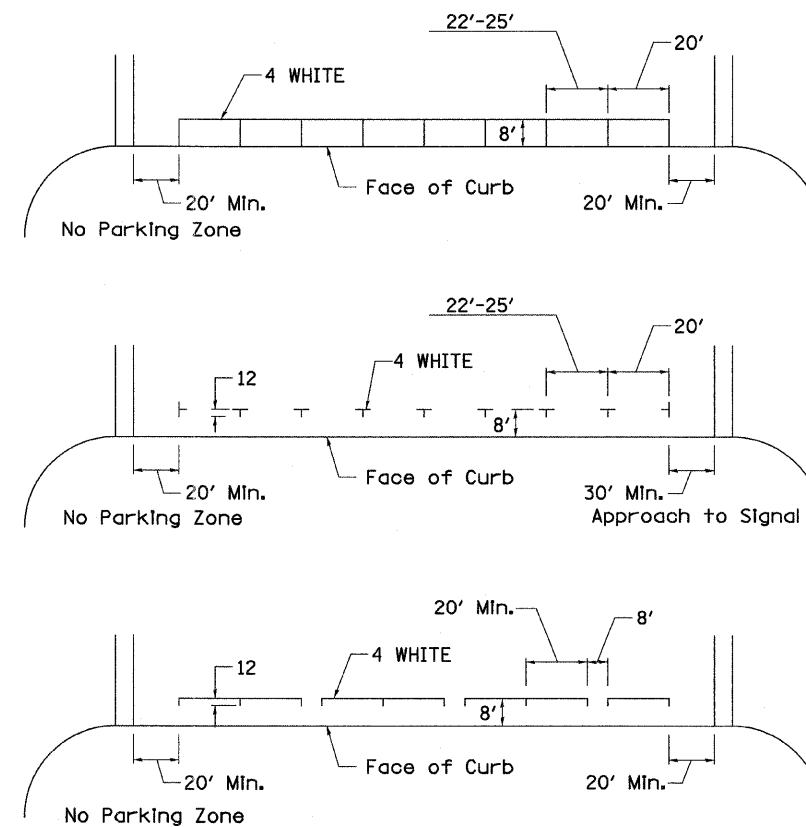


** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

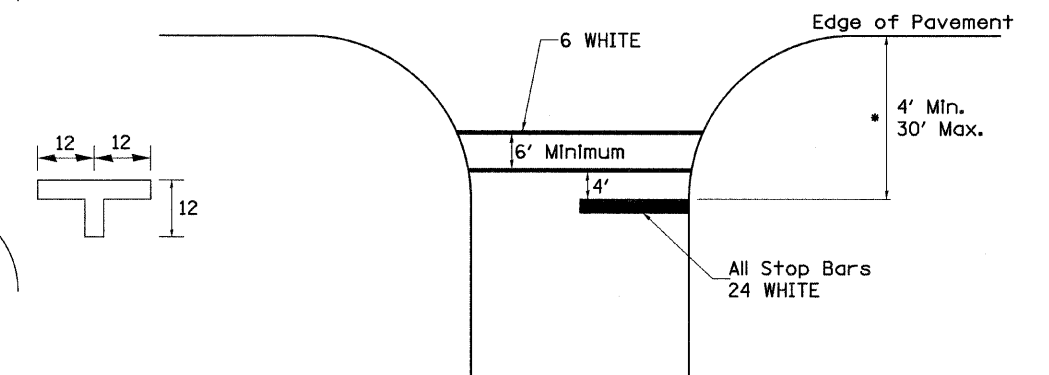


TYPICAL PARKING SPACING



STANDARD CROSSWALK MARKING

See Schedules for Locations

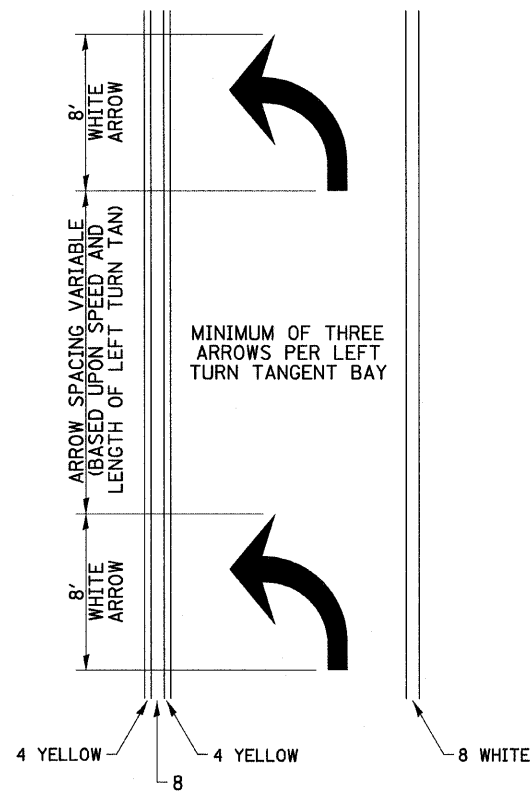


Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME =	USER NAME = IDOT	DESIGNED -	REVISED - 10-18-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
1102704.fas205.174\cadd\sheet\0264H7	shd-STD41.dgn	DRAWN -	REVISED -			205	(81-2HB-1M)	ROCK ISLAND	29	26	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64H71					
PLOT DATE = 1/24/2012		DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO. OF SHEETS	STA. TO STA.			

TYPICAL PAVEMENT MARKINGS

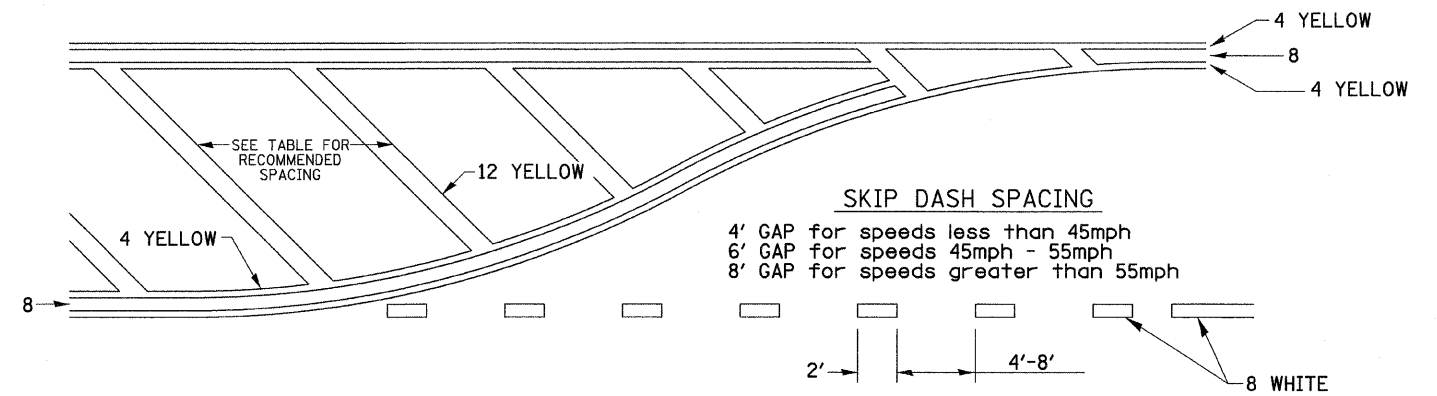
ARROW LAYOUT



- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

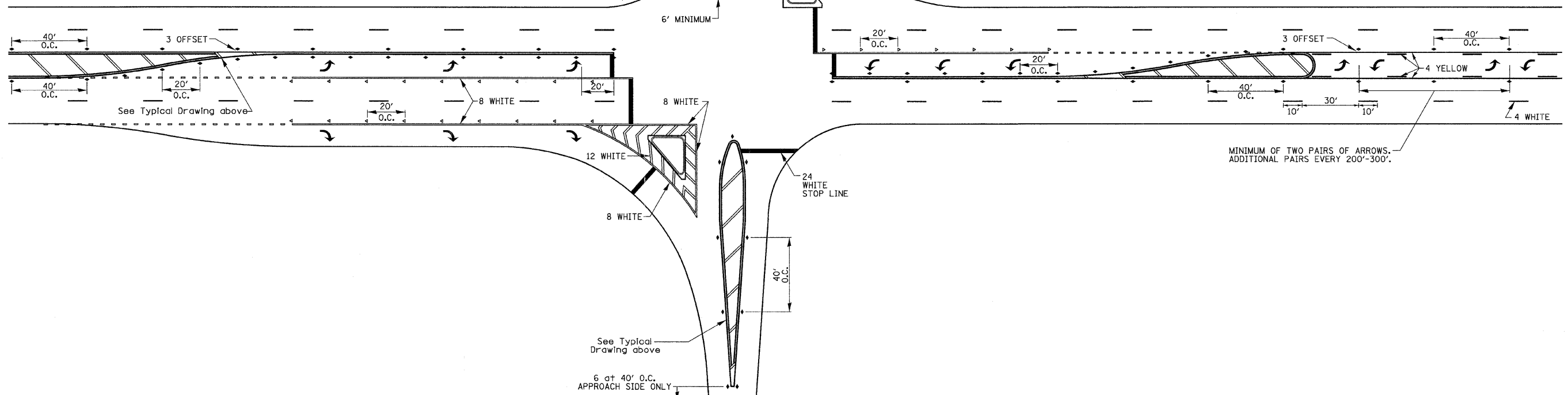
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



FILE NAME =	USER NAME = IDOT	DESIGNED -	REVISED - 10-18-11
1:\102704...fos205...74\cadd sheets\026447	sh-t-STD41.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/24/2012	DATE -	REVISED -

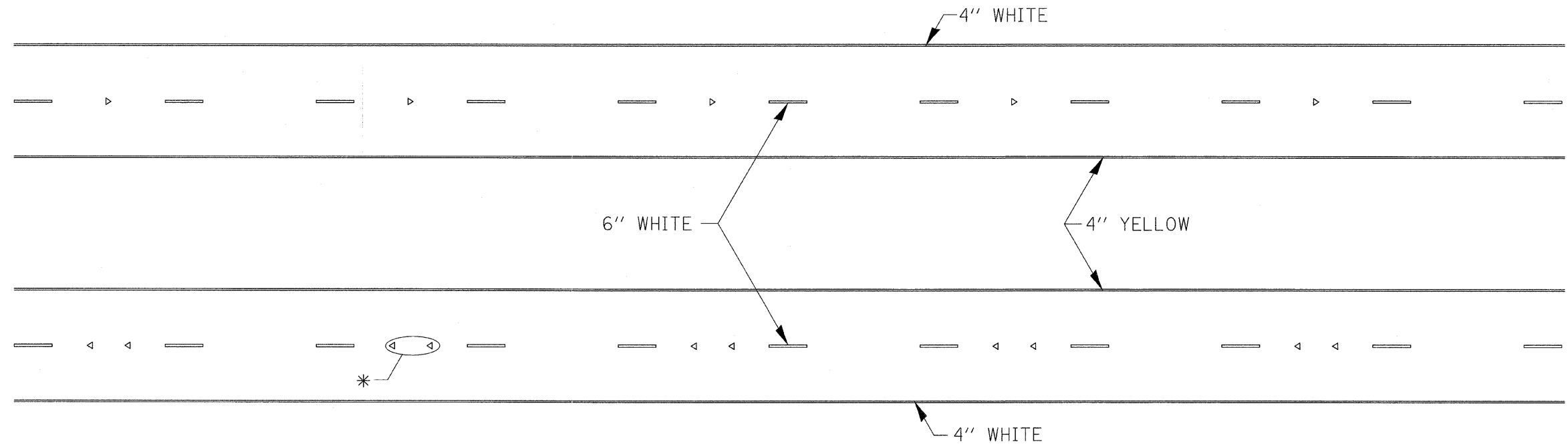
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

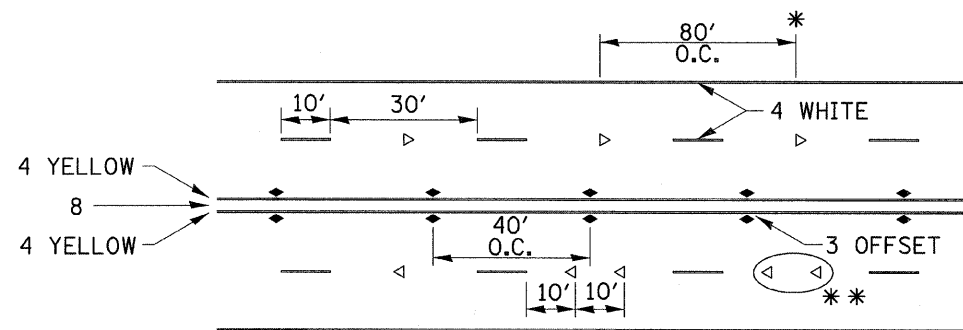
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
205	(81-2HB-1)M	ROCK ISLAND	29	27
CONTRACT NO. 64H71				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT \geq 25,000.

MULTI-LANE / DIVIDED



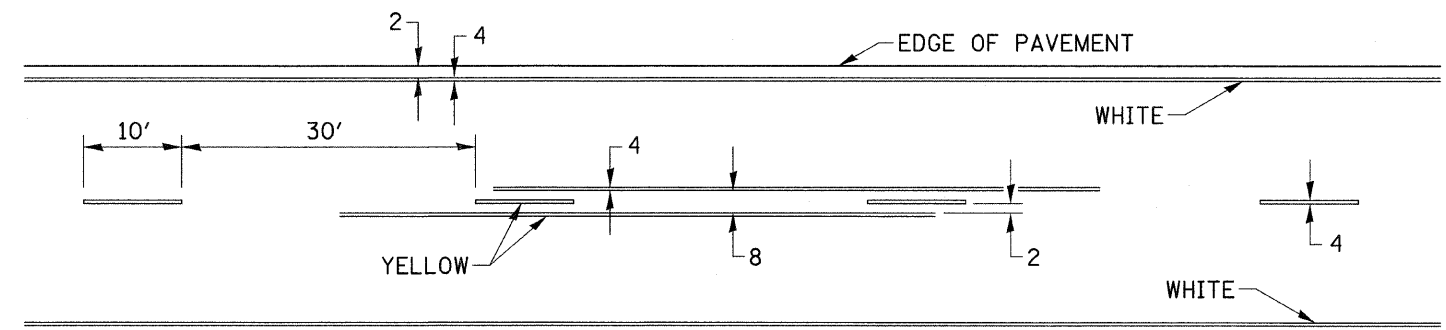
* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

** USE DOUBLE MARKERS WHEN ADT \geq 25,000

MULTI-LANE / UNDIVIDED

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS
DETAIL NOT HIGHWAY STANDARD 781001)

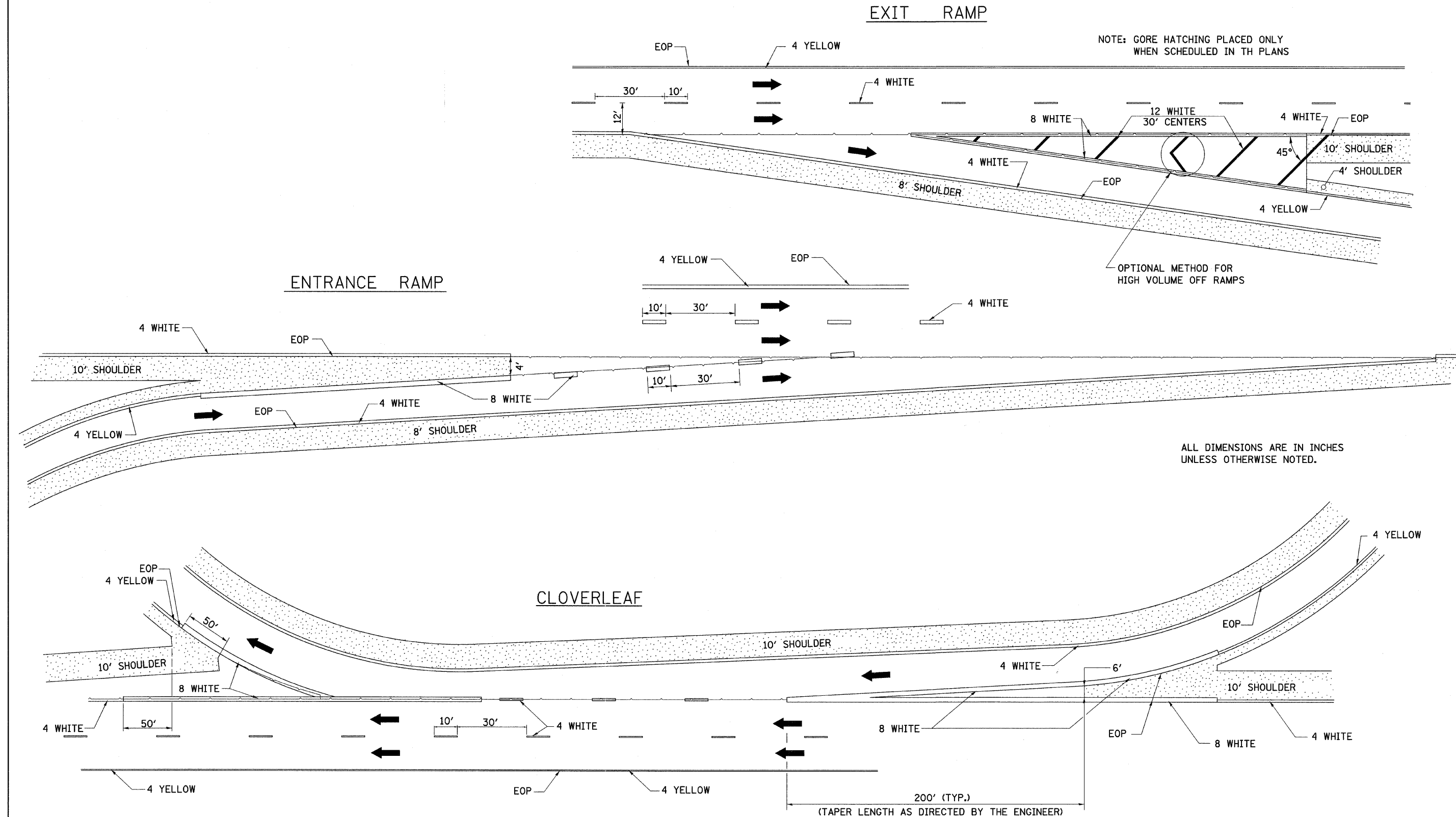
TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



SYMBOLS

FILE NAME =	USER NAME = IDOT	DESIGNED -	REVISED - 10-18-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11\102704_Fes205_174\cadd sheets\0264H7	shht-STD41.Ldgn	DRAWN -	REVISED -					205	(81-2HB-1M)	ROCK ISLAND	29	28
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				
	PLOT DATE = 1/24/2012	DATE -	REVISED -		CONTRACT NO. 64H71							

PAINTING DETAILS



FILE NAME =	USER NAME = IDOT	DESIGNED -	REVISED - 10-18-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
11\102704\Fas205\74\cadd sheets\0264H7	shd-STD44.dgn	DRAWN -	REVISED -			205	(81-2HB-1)M	ROCK ISLAND	29	29	
	PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 64H71					
	PLOT DATE = 1/24/2012	DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.