

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 372/373 (IL ROUTE 171 (SB))  
47th STREET TO 55th STREET BRIDGE COMPLEX AT I-55 INTERCHANGE  
SECTION: 2013-038B-R  
BRIDGE REHABILITATION, BRIDGE WIDENING,  
RAMP MODIFICATIONS, LIGHTING & SIGNING  
PROJECT: ACNHPP-0373(028)  
COOK COUNTY  
C-91-191-10

F.A.P. R.T.E. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	621	1
ILLINOIS CONTRACT NO. 60J16				

821 + 7 = 828

D-91-191-10



FOR INDEX OF SHEETS, SEE SHEET NO. 2

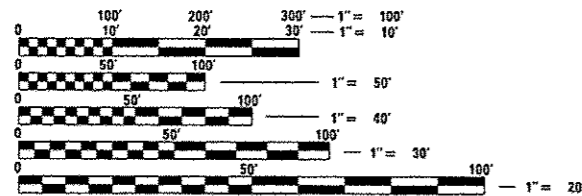
THIS PROJECT IS LOCATED  
IN THE VILLAGES OF  
McCOOK, LYONS & SUMMIT

TRAFFIC DATA:

IL 171  
2008 ADT = 41,800  
2030 ADT = 42,000  
DESIGN SPEED = 50 MPH  
POSTED SPEED = 50 MPH  
FUNCTIONAL CLASSIFICATION = STRATEGIC REGIONAL  
ARTERIAL (SRA)

STRUCTURE LOCATIONS

- SN 016-1000 SB IL 171 OVER 47TH STREET
- SN 016-1001 NB IL 171 OVER 47TH STREET
- SN 016-1005 SB IL 171 OVER JOLIET ROAD
- SN 016-2455 SB IL 171 OVER BNSF RR
- SN 016-2457 SB IL 171 OVER DES PLAINES RIVER VALLEY
- SN 016-0483 SB IL 171 OVER DES PLAINES RIVER
- SN 016-1026 SB IL 171 RAMP E OVER DES PLAINES RIVER
- SN 016-0486 SB IL 171 OVER SANITARY & SHIP CANAL
- SN 016-0488 SB IL 171 OVER IC RR



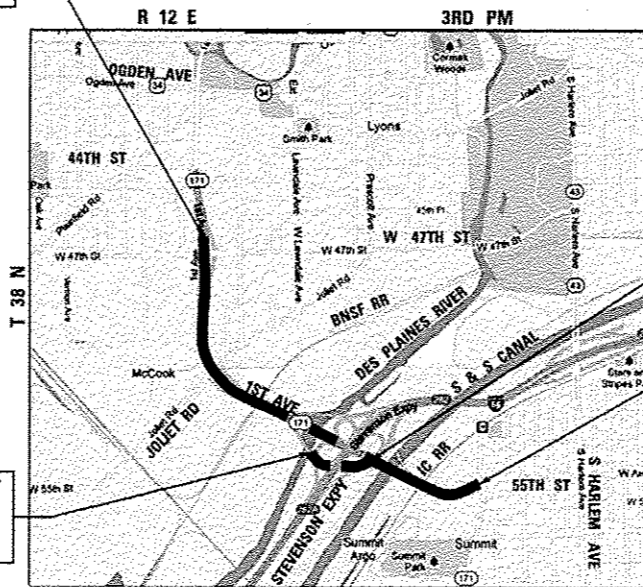
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD  
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT  
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS  
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: RAJENDRA C. SHAH, P.E. (847) 705-4555

CONTRACT NO. 60J16

END IMPROVEMENT  
STA 117 + 74.96



LIMIT OF IMPROVEMENT  
RAMP E  
STA 209 + 59.86

LIMIT OF IMPROVEMENT  
RAMP E  
STA 226 + 60.00

BEGIN IMPROVEMENT  
STA 10 + 36.43

**LOCATION MAP**

NOT TO SCALE

GROSS LENGTH = 10738.53 FT = 2.03 MILE  
NET LENGTH = 10221.83 FT = 1.94 MILE

BRIDGE OMISSIONS:

- SN 016-1510  
SB IL 171 OVER I-55  
(STA 39 + 06.08 TO STA 44 + 22.78)
- SN 016-1512  
SB IL 171 RAMP TO NB I-55 OVER I-55  
(STA 212 + 63.43 TO STA 218 + 05.53)

KURT J. NAUS  
081-004578  
LICENSED  
STRUCTURAL  
ENGINEER  
STATE OF ILLINOIS  
EXPIRATION DATE 11-30-2014  
DATE: 6/23/14

JOANN M. MAJEWSKI  
62-045674  
LICENSED  
PROFESSIONAL  
ENGINEER  
OF  
ILLINOIS  
EXPIRATION DATE 11-30-15  
DATE: 6/23/14

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED June 17 20 14  
John F. ...  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
Aug 15 20 14  
John D. Baranzelli, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT  
Aug 15 20 14  
Chris Osman, P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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engineers · scientists · planners  
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**HOT-MIX ASPHALT REQUIREMENTS**

MIXTURE TYPE	THICKNESS	VOIDS @ N <sub>0.5</sub>	QMP
MAINLINE RESURFACING (PAVEMENT)			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 (IL-9.5)	1 3/4"	4% @ 90 Gyr	QC/OA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90 (IL-19.0)	2 1/4" MIN.	4% @ 90 Gyr	QC/OA
MAINLINE RESURFACING (SHOULDERS)			
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 (IL-9.5)	1 3/4"	4% @ 70 Gyr	QCP
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0)	2 1/4" MIN.	4% @ 70 Gyr	QCP
PATCHING**			
CLASS D PATCHES (HMA BINDER IL-19 mm)	10"	4% @ 70 Gyr	QC/OA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	2 1/4" MIN.	4% @ 70 Gyr	QC/OA
LONGITUDINAL JOINT REPAIR			
HMA BINDER COURSE, IL-19.0, N70	3"	4% @ 70 Gyr	QCP
TEMPORARY PAVEMENT, 10" (CROSSOVERS)			
TEMP PAVEMENT (HMA BINDER IL-19 mm)	9"	4% @ 50 Gyr	QCP
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	2"	4% @ 50 Gyr	QC/OA
RAMP E PROPOSED PAVEMENT			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5)	2"	4% @ 90 Gyr	QC/OA
HOT-MIX ASPHALT BASE COURSE, 10 3/4"			
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90 (IL-19.0)	2 1/4"	4% @ 90 Gyr	QC/OA
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0)	8 1/2"	4% @ 70 Gyr	QCP
RAMP E PROPOSED SHOULDERS			
HOT-MIX ASPHALT SHOULDER, 12 3/4"			
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 (IL-9.5)	2"	4% @ 70 Gyr	QC/OA
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0)	10 3/4"	4% @ 70 Gyr	QCP
BRIDGE APPROACH PAVEMENT CONNECTORS (PCC)			
(INCLUDED IN PAY ITEM BRIDGE APPROACH PAVEMENT CONNECTORS (PCC))			
STABILIZED SUB-BASE HOT-MIX ASPHALT (STABILIZED SUBBASE) (HMA BINDER IL-19mm)	4"	3% @ 50 Gyr	QC/OA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP)			

\*\*LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER

**NOTES:**


- THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURES IS 112 LBS/SO YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
- CONTRACTOR SHALL PATCH BEFORE MILLING. SEE STANDARD BD-22.
- FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
- QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
- PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; 9" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

## GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF McCOOK, LYONS AND SUMMIT.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.  
ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
5. ANY DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
7. ALL PAVEMENT PATCHING WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
8. THE CONTRACTOR SHALL SWEEP AND CLEAN THE PAVEMENT SURFACE, PER ARTICLE 107.15 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTING AND ORDERING OF MATERIALS.
10. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
11. THE RESIDENT ENGINEER SHALL CONTACT JOE ERKERT, AREA TRAFFIC FIELD ENGINEER, AT (224) 217-8632, A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
12. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROPERTY.
13. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
14. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
15. THE ALIGNMENTS AND SUPPORTING DATA SHOWN IN THE PLANS WAS DEVELOPED FROM PREVIOUS PLANOMETRICS AND AERIAL PHOTOGRAPHY FURNISHED BY THE DEPARTMENT AND IS NOT THE RESULT OF A GROUND SURVEY. ALIGNMENT TIES HAVE BEEN ESTABLISHED FOR THE IL 171 BASELINE. THEREFORE, ALL ALIGNMENTS AND SUPPORTING DATA SHOWN IN THE PLANS IS FOR REFERENCE PURPOSES ONLY. THE RELATIVE ACCURACY OF THE INFORMATION IS UNKNOWN AND CANNOT BE GUARANTEED. THE CONTRACTOR MAY BE REQUIRED TO ADJUST LAYOUT TO MATCH ACTUAL FIELD CONDITIONS AND THE INTENT OF THE PLANS, ALIGNMENTS AND BASELINES.
16. VERTICAL BARRICADES WILL REMAIN IN PLACE ALONG THE EDGES OF PAVEMENT AS SHOWN IN THE SUGGESTED MOT PLANS UNTIL THE SURFACE COURSE AND PROPOSED PAVEMENT MARKING EDGE LINES HAVE BEEN COMPLETED.
17. DRAINAGE ADJUSTMENT, CLEANING OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
18. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH REVISED TRAFFIC PATTERNS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PAVEMENT MARKING REMOVAL.
19. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)" AS SHOWN IN THE PLANS.
20. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III AND ITS REMOVAL SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKINGS.
21. THE MAXIMUM ALLOWABLE DIFFERENTIAL IN ELEVATION BETWEEN ADJACENT OPEN TRAFFIC LANES SHALL BE 1 1/2 INCHES FOR A VERTICAL MILLED FACE, OR 2 INCHES FOR A LIFT OF HMA RESURFACING.
22. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
23. UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
24. CLEANING OF LONGITUDINAL AND TRANSVERSE CRACKS (REMOVAL OF COLD PATCH MATERIALS AND BLOWING) SHALL BE INCIDENTAL TO THE PAY ITEM MIXTURE FOR CRACKS, JOINTS AND FLANGE WAYS.
25. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
26. EPOXY PAVEMENT MARKINGS SHALL BE USED FOR ALL THE APPLICATIONS IN THIS CONTRACT, EXCEPT ON THE CROSSEOVERS WHICH REQUIRE WET REFLECTIVE TEMPORARY PAVEMENT MARKINGS.
27. THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRDGC) HAS MANY FACILITIES LOCATED WITHIN THE PROJECT LIMITS. THESE FACILITIES SHALL BE LOCATED PRIOR TO BEGINNING OF WORK. MINIMUM HORIZONTAL/VERTICAL CLEARANCE OF TWO FEET SHALL BE MAINTAINED BETWEEN MWRDGC SEWERS AND ANY PROPOSED WORK. MWRDGC PERSONAL SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRDGC FACILITIES. NO ACCESS HATCHES AND MANHOLE COVERS ON MWRDGC STRUCTURES AND MANHOLES WITHIN THE PROJECT LIMITS SHALL BE BURIED OR COVERED. NO DEBRIS SHALL ENTER MWRDGC STRUCTURES, SEWERS OR FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL MWRDGC FACILITIES FROM ALL CONSTRUCTION OPERATIONS AND EQUIPMENT. FOR ANY QUESTIONS REGARDING ACCESS TO MWRDGC FACILITIES OR FIELD LOCATION, CONTACT MR. RAFIQ BASARIA, SENIOR CIVIL ENGINEER, AT (708) 588-0480. THE CONTRACTOR SHALL COORDINATE WITH THE MWRDGC MAINTENANCE AND OPERATION DEPARTMENT PRIOR TO BEGINNING ANY WORK NEAR THE MWRDGC RAILROAD LINE NORTH OF THE SANITARY AND SHIP CANAL. CONTACT MR DANIEL COLLINS, SUPERVISING CIVIL ENGINEER, AT (708)588-4300.
28. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENTS, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND THE BARS IN PAVEMENT, SHOULDERS, CURB AND GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.
29. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS, PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
30. THE CONTRACTORS ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
31. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC TO THE REMAINING TREE STRUCTURE. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
32. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" AND "WETLAND PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
33. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847)705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

## COMMITMENTS

1. THE NAVIGATIONAL LIGHTS LOCATED ON THE UNDERSIDE OF THE IL 171 BRIDGES OVER THE SANITARY AND SHIP CANAL (S.N. 016-0487) AND S.N. 016-0486) MUST REMAIN IN SERVICE DURING CONSTRUCTION.
2. THE COAST GUARD WILL NEED TO APPROVE ANY WORK BELOW THE LOW STEEL OF THE IL 171 BRIDGES OVER THE SHIP AND SANITARY CANAL.

FILE NAME =	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> DEPARTMENT OF TRANSPORTATION	<b>GENERAL NOTES</b> & COMMITMENTS	F.A.P	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...\\D168216\shg\general\notes.dgn	DRAWN - TMB	REVISED -				372/373	2013-0388-R	COOK	821	3	
USER NAME = tblank	CHECKED - JMM	REVISED -				SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.		CONTRACT NO. 60J16		ILLINOIS FED. AID PROJECT	
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -									

01 02 03 04 05 06 07 08

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE											
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	
				ROADWAY	S.N. 016-1000 S.N. 016-1001	S.N. 016-1005	S.N. 016-2455	S.N. 016-2457	S.N. 016-0483	S.N. 016-1026	S.N. 016-0486	S.N. 016-0488	SAFETY	SIGN STRUCTURES	DRAINAGE
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1340	1340											
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1000	1000											
20101000	TEMPORARY FENCE	FOOT	2693	2693											
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	25	25											
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	25	25											
20200100	EARTH EXCAVATION	CU YD	5222	5222											
20400800	FURNISHED EXCAVATION	CU YD	4.576	4.576											
20800150	TRENCH BACKFILL	CU YD	250												250
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2935	2935											
• 25000210	SEEDING, CLASS 2A	ACRE	1.0	1.0											
• 25000314	SEEDING, CLASS 4B	ACRE	0.5	0.5											
• 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	74	74											
• 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	74	74											
NP • 25000750	MOWING	ACRE	11	11											

• SPECIALTY ITEM

NP - Non-participating (100% state)



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE			
				ROADWAY	S.N. 016-1000 S.N. 016-1001	S.N. 016-1005	S.N. 016-2455	S.N. 016-2457	S.N. 016-0483	S.N. 016-1026	S.N. 016-0486	S.N. 016-0488	SAFETY	SIGN STRUCTURES	DRAINAGE		
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1496	1496													
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	576	576													
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1107	1107													
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	695	695													
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SO YD	339	339													
44000100	PAVEMENT REMOVAL	SO YD	2020	2020													
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SO YD	6619	6619													
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	640	640													
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SO YD	739	739													
44004250	PAVED SHOULDER REMOVAL	SO YD	2539	2539													
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	248	248													
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	178	178													
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	95	95													
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	218	218													
48101202	AGGREGATE SHOULDERS, TYPE B	CU YD	355	355													
48203048	HOT-MIX ASPHALT SHOULDERS 12 3/4"	SO YD	2553	2553													

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Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																			
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE										
				ROADWAY 0004 URBAN	S.N. 016-1000 S.N. 016-1001 0014 URBAN	S.N. 016-1005 0014 URBAN	S.N. 016-2455 0014 URBAN	S.N. 016-2457 0014 URBAN	S.N. 016-0483 0014 URBAN	S.N. 016-1026 0014 URBAN	S.N. 016-0486 0014 URBAN	S.N. 016-0488 0014 URBAN	SAFETY 0021 URBAN	SIGN STRUCTURES 0040 URBAN	DRAINAGE 0044 URBAN								
50101700	REMOVAL OF EXISTING SUPERSTRUCTURES NO. 1	EACH	1		1																		
50101800	REMOVAL OF EXISTING SUPERSTRUCTURES NO. 2	EACH	1		1																		
50102400	CONCRETE REMOVAL	CU YD	269.3		112.2		27.0	0.8	33.2		59.4	36.7											
50104650	SLOPE WALL REMOVAL	SQ YD	557		8		8		17		31	493											
50104701	REMOVAL OF EXISTING CONCRETE DECK NO. 1	EACH	1				1																
50104702	REMOVAL OF EXISTING CONCRETE DECK NO. 2	EACH	1					1															
50104703	REMOVAL OF EXISTING CONCRETE DECK NO. 3	EACH	1						1														
50104704	REMOVAL OF EXISTING CONCRETE DECK NO. 4	EACH	1							1													
50104705	REMOVAL OF EXISTING CONCRETE DECK NO. 5	EACH	1								1												
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	1									1											
50157300	PROTECTIVE SHIELD	SQ YD	15,540		931		1904	6087	2098	355	3752	413											
50200100	STRUCTURE EXCAVATION	CU YD	1484		392		92	68	213		429	290											
<del>50200300</del>	<del>COFFERDAM EXCAVATION</del>	<del>CU YD</del>	<del>258</del>						<del>258</del>														
<del>50201121</del>	<del>COFFERDAM (TYPE 2) (LOCATION 1)</del>	<del>EACH</del>	<del>1</del>						<del>1</del>														

• SPECIALTY ITEM

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE												
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE			
				ROADWAY	S.N. 016-1000 S.N. 016-1001	S.N. 016-1005	S.N. 016-2455	S.N. 016-2457	S.N. 016-0483	S.N. 016-1026	S.N. 016-0486	S.N. 016-0488	SAFETY	SIGN STRUCTURES	DRAINAGE	
	0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0044			
	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN			
<del>50201122</del>	<del>COFFERDAM (TYPE 2) (LOCATION 2)</del>	<del>EACH</del>	<del>1</del>													
<del>50201123</del>	<del>COFFERDAM (TYPE 2) (LOCATION 3)</del>	<del>EACH</del>	<del>1</del>													
<del>50201124</del>	<del>COFFERDAM (TYPE 2) (LOCATION 4)</del>	<del>EACH</del>	<del>1</del>													
50300100	FLOOR DRAINS	EACH	123		8					40		71	4			
50300225	CONCRETE STRUCTURES	CU YD	708.2		145.7		53.7	54.9	187.2		161.0	105.7				
50300255	CONCRETE SUPERSTRUCTURE	CU YD	6671.3		718.6		749.4	1994.2	931.8	105.9	1692.6	478.8				
50300260	BRIDGE DECK GROOVING	SO YD	20,190		2142		2300	6171	2901	292	5075	1309				
<del>50300265</del>	<del>SEAL COAT CONCRETE</del>	<del>CU YD</del>	<del>183.0</del>													
50300280	CONCRETE ENCASEMENT	CU YD	5.3				0.7		1.8		2.1	0.7				
50300300	PROTECTIVE COAT	SO YD	26,969		2780	2257	2765	7558	3488	409	6213	1499				
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		0.39				0.17	0.28		0.13	0.03			
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	9210				1640				7570					
50500505	STUD SHEAR CONNECTORS	EACH	54,517		11,448		2,112	12,246	10,752		12,577	5,382				
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,828,180		225,640		195,400	533,200	268,370	30,980	460,690	113,900				

• SPECIALTY ITEM

Rev.



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE
				ROADWAY	S.N. 016-1000 S.N. 016-1001	S.N. 016-1005	S.N. 016-2455	S.N. 016-2457	S.N. 016-0483	S.N. 016-1026	S.N. 016-0486	S.N. 016-0488	SAFETY	SIGN STRUCTURES
	0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0044	
	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
50800515	BAR SPLICERS	EACH	2063		1772		59			93		139		
50800530	MECHANICAL SPLICERS	EACH	118						118					
51100100	SLOPE WALL 4 INCH	SO YD	785		8		21				150	606		
51100300	SLOPE WALL 6 INCH	SO YD	60						60					
51201600	FURNISHING STEEL PILES HP12X53	FOOT	1293				76	195	132		660	230		
51202305	DRIVING PILES	FOOT	1293				76	195	132		660	230		
51203600	TEST PILE STEEL HP12X53	EACH	10					2	1		3	4		
51204650	PILE SHOES	EACH	46					12	5		18	11		
51500100	NAME PLATES	EACH	8		2		1	1	1	1	1	1		
51602000	PERMANENT CASING	FOOT	184						184					
52000020	PREFORMED JOINT SEAL 1 3/4"	FOOT	39			39								
* 51603000	DRILLED SHAFT IN SOIL	CU YD	50.8							50.8				
52000030	PREFORMED JOINT SEAL 2 1/2"	FOOT	227.5			227.5								
* 51604000	DRILLED SHAFT IN ROCK	CU YD	8.8							8.8				
52000050	PREFORMED JOINT SEAL 4"	FOOT	42			42								
52000110	PREFORMED JOINT STRIP SEAL	FOOT	969.0				171.5	397.5	46.5		353.5			
<del>52000208</del>	<del>FINGER PLATE EXPANSION JOINT, 3"</del>	<del>FOOT</del>	<del>49.5</del>						<del>49.5</del>					

\* SPECIALTY ITEM

FILE NAME =	DESIGNED - AAA	REVISED -
...General\0160316-ht-500-08.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLDT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET 6 OF 21 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-0388-R	COOK	821	9
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE												
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	
				ROADWAY	S.N. 016-1000 S.N. 016-1001	S.N. 016-1005	S.N. 016-2455	S.N. 016-2457	S.N. 016-0483	S.N. 016-1026	S.N. 016-0486	S.N. 016-0488	SAFETY	SIGN STRUCTURES	DRAINAGE	
				0004 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0021 URBAN	0040 URBAN	0044 URBAN	
52000212	FINGER PLATE EXPANSION JOINT, 4"	FOOT	52.0					52.0								
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	41		24			4			11	2				
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	34		12			9	4	4	4	1				
52100510	ANCHOR BOLTS, 3/4"	EACH	99					18	24	8	43	6				
52100520	ANCHOR BOLTS, 1"	EACH	94		72			14	4		4					
52100540	ANCHOR BOLTS, 1 1/2"	EACH	4				1		1		2					
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	1608													1608
54213447	END SECTIONS 12"	EACH	3													3
54213450	END SECTIONS 15"	EACH	1													1
54213462	END SECTIONS 27"	EACH	1													1
54213465	END SECTIONS 30"	EACH	1													1
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4													4
54215547	METAL END SECTIONS 12"	EACH	6				2		2		2					
54248510	CONCRETE COLLAR	CU YD	9													9

\* SPECIALTY ITEM

Rev.

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				ROADWAY <i>0004</i>	S.N. 016-1000 S.N. 016-1001	S.N. 016-1005	S.N. 016-2455	S.N. 016-2457	S.N. 016-0483	S.N. 016-1026	S.N. 016-0486	S.N. 016-0488	SAFETY	SIGN STRUCTURES	DRAINAGE			
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN				
55100400	STORM SEWER REMOVAL 10"	FOOT	348															348
55100500	STORM SEWER REMOVAL 12"	FOOT	249				108											141
55100700	STORM SEWER REMOVAL 15"	FOOT	106															106
55100900	STORM SEWER REMOVAL 18"	FOOT	89															89
55101200	STORM SEWER REMOVAL 24"	FOOT	56															56
55106025	STORM SEWER INSTALLATION 12"	FOOT	371															371
55106035	STORM SEWER INSTALLATION 15"	FOOT	106															106
55106045	STORM SEWER INSTALLATION 18"	FOOT	89															89
55106060	STORM SEWER INSTALLATION 24"	FOOT	56															56
58700300	CONCRETE SEALER	SO FT	2,599				273	42	1013		1271							
59000200	EPOXY CRACK INJECTION	FOOT	562		18	31	6	21	11	81	102	23						269
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	443		104		45		45		112	137						
60100945	PIPE DRAINS 12"	FOOT	298				108				125							65
60101005	PIPE DRAINS 27"	FOOT	33															33

• SPECIALTY ITEM

FILE NAME =	DESIGNED - AAA	REVISED -
...General\0160316-whr-SCD-08.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 8 OF 21 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-0398-R	COOK	821	11
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

Rev

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE												
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE			
				ROADWAY	S.N. 016-1000 S.N. 016-1001	S.N. 016-1005	S.N. 016-2455	S.N. 016-2457	S.N. 016-0483	S.N. 016-1026	S.N. 016-0486	S.N. 016-0488	SAFETY	SIGN STRUCTURES	DRAINAGE	
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
60101105	PIPE DRAINS 30"	FOOT	55													55
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2													2
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	3													3
60262700	INLETS TO BE RECONSTRUCTED	EACH	1													1
60402410	GRATES, TYPE 10	EACH	1			1										
60500060	REMOVING INLETS	EACH	3				2		1							
60900240	TYPE C INLET BOX, STANDARD 609006	EACH	4				1		1		2					
60900315	TYPE D INLET BOX, STANDARD 609006	EACH	2				1		1							
60900515	CONCRETE THRUST BLOCKS	EACH	21				2		2		2					15
61000225	TYPE F INLET BOX, STANDARD 610001	EACH	1													1
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	9675											9675		
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	2											2		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	20											20		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	24											24		
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1											1		

\* SPECIALTY ITEM

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE		
				ROADWAY	S.N. 016-1000 S.N. 016-1001	S.N. 016-1005	S.N. 016-2455	S.N. 016-2457	S.N. 016-0483	S.N. 016-1026	S.N. 016-0486	S.N. 016-0488	SAFETY	SIGN STRUCTURES	DRAINAGE		
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0044	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
63200310	GUARDRAIL REMOVAL	FOOT	15,359											15,359			
63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	EACH	1											1			
63302700	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6	EACH	3											3			
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE) TEST LEVEL 3	EACH	1											1			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2030	2030													
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1													
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	8	8													
67100100	MOBILIZATION	L SUM	1	1													
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	210											210			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	32	32													
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4000	4000													
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	3918	3918													
70400100	TEMPORARY CONCRETE BARRIER	FOOT	12,425	12,425													
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	925	925													
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	8	8													
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2													

\* SPECIALTY ITEM

FILE NAME :	DESIGNED - AAA	REVISED -
...General\0160316\htc-500-18.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 10 OF 21 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-0388-R	COOK	821	13
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE											
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	
				ROADWAY	S.N. 016-1000 S.N. 016-1001	S.N. 016-1005	S.N. 016-2455	S.N. 016-2457	S.N. 016-0483	S.N. 016-1026	S.N. 016-0486	S.N. 016-0488	SAFETY	SIGN STRUCTURES	DRAINAGE
	0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0044	
		URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
* 72000100	SIGN PANEL - TYPE 1	SO FT	260											260	
* 72000200	SIGN PANEL - TYPE 2	SO FT	440											440	
* 72000300	SIGN PANEL - TYPE 3	SO FT	987											987	
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5											5	
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	21											21	
* 72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	119											119	
* 72400320	REMOVE SIGN PANEL - TYPE 2	SO FT	203											203	
* 72400330	REMOVE SIGN PANEL - TYPE 3	SO FT	364											364	
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	6157											6157	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	225											225	
* 73000100	WOOD SIGN SUPPORT	FOOT	304											304	
* 73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE 1-A (4'-0" X 4'-6")	FOOT	152												152
* 73400100	CONCRETE FOUNDATIONS	CU YD	12.6												12.6
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	17.9												17.9

14 • SPECIALTY ITEM

Rev.













CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE			
				ROADWAY	S.N. 016-1000 S.N. 016-1001	S.N. 016-1005	S.N. 016-2455	S.N. 016-2457	S.N. 016-0483	S.N. 016-1026	S.N. 016-0486	S.N. 016-0488	SAFETY	SIGN STRUCTURES	DRAINAGE		
				0004 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0021 URBAN	0040 URBAN	0044 URBAN		
K1005863	TREE ROOT PRUNING	EACH	15	15													
Z0000300	ADJUST ROCKER AND SOLE PLATE	EACH	8									8					
Z0001899	JACK AND REMOVE EXISTING BEARING	EACH	11					7		4							
Z0001903	STRUCTURAL STEEL REMOVAL	POUND	179,790				12970	27220	3710	10150	125,740						
Z0001905	STRUCTURAL STEEL REPAIR	POUND	79,510				4620	62730			7270	4890					
Z0004552	APPROACH SLAB REMOVAL	SQ YD	1288	1288													
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	2880	2880													
Z0010400	CLEANING BRIDGE SEATS	SQ FT	7221				942	2056	440	1044	2300	439					
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	2612		75	168	367	1115	79	470	301	15					22
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	151		5	9	19	56	5	24	16	5					12
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1													
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	5			5											
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	5			5											
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	10			10											

• SPECIALTY ITEM

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE											
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	
				ROADWAY	S.N. 016-1000 S.N. 016-1001	S.N. 016-1005	S.N. 016-2455	S.N. 016-2457	S.N. 016-0483	S.N. 016-1026	S.N. 016-0486	S.N. 016-0488	SAFETY	SIGN STRUCTURES	DRAINAGE
				0004 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0021 URBAN	0040 URBAN	0044 URBAN
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	23				2	17	4						
Z0018010	DRAINAGE SCUPPERS, DS-33	EACH	3				3								
NP Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	36												36
Z0018700	DRAINAGE STRUCTURES TO BE REMOVED	EACH	20												20
Z0018800	DRAINAGE SYSTEM	L SUM	1				1								
Z0021904	SILICONE JOINT SEALER, 1"	FOOT	58								58				
Z0026407	TEMPORARY SHEET PILING	SQ FT	1488		1488										
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	316										316		
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	101										101		
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	13	13											
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	718		274		95		55		180	114			
Z0062456	TEMPORARY PAVEMENT	SO YD	6248	6248											
Z0064800	SELECTIVE CLEARING	UNIT	10			2	1		1	1	3	2			
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SO FT	746									746			

14  
 • SPECIALTY ITEM  
 NP- Non-participating (100% State)

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE												
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE		
				ROADWAY 0004 URBAN	S.N. 016-1000 S.N. 016-1001 0014 URBAN	S.N. 016-1005 0014 URBAN	S.N. 016-2455 0014 URBAN	S.N. 016-2457 0014 URBAN	S.N. 016-0483 0014 URBAN	S.N. 016-1026 0014 URBAN	S.N. 016-0486 0014 URBAN	S.N. 016-0488 0014 URBAN	SAFETY 0021 URBAN	SIGN STRUCTURES 0040 URBAN	DRAINAGE 0044 URBAN	
Z0073200	TEMPORARY SHORING AND CRIBBING	EACH	22				9	7	3	3						
Z0073400	TEMPORARY SUPPORT SYSTEM	EACH	4							4						
∅ Z0076600	TRAINEES	HOUR	1000	1000												
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE HOUR	HOUR	1000	1000												
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	2				2									
X0323586	PIPE DRAIN REMOVAL	FOOT	499													499
X0323710	REMOVE CONDUIT ATTACHED TO STRUCTURE	FOOT	10104			810	800	3008	1626	1410	1950	500				
X0323879	SERVICE PATROL	CAL DAY	210												210	
X0324058	OUTLET SPECIAL	EACH	1													1
X0326232	FENDER SYSTEM	L SUM	1								1					
X0326659	CURED-IN-PLACE LINER, 18"	FOOT	123													123
X0326662	CURED-IN-PLACE LINER, 24"	FOOT	112													112
X0326850	MAIN DRAIN JOINT REPAIR	FOOT	10													10
* X0327303	REMOVAL OF EXISTING SIGN LIGHTING UNIT WITH NO SALVAGE	EACH	5											5		
* X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	2.50	2.50												

∅ 0042  
 \* SPECIALTY ITEM

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE			
				ROADWAY	S.N. 016-1000 S.N. 016-1001	S.N. 016-1005	S.N. 016-2455	S.N. 016-2457	S.N. 016-0483	S.N. 016-1026	S.N. 016-0486	S.N. 016-0488	SAFETY	SIGN STRUCTURES	DRAINAGE		
	0004	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0044					
	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN					
NP X2503110	MOWING (SPECIAL)	ACRE	13.25	13.25													
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	866	866													
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SO FT	66	66													
X4405030	LONGITUDINAL PARTIAL DEPTH REMOVAL 3"	FOOT	1314	1314													
X5210120	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 250K	EACH	2							2							
X5210130	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 300K	EACH	2							2							
NP X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	327														327
NP X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	295														295
NP X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	163														163
NP X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	55														55
NP X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	635														635
NP X5538400	STORM SEWERS TO BE CLEANED 30"	FOOT	94														94
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	1160		384		78			103		280	315				
<del>X6430210</del>	<del>REMOVE AND REINSTALL IMPACT ATTENUATORS</del>	<del>EACH</del>	<del>1</del>	<del>1</del>													
X6431120	REMOVE IMPACT ATTENUATOR SAND MODULE	EACH	1	1													
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	13	13													
16 Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	16	16													

\* SPECIALTY ITEM  
 NP = Non-participating (100% State)

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE			
				ROADWAY	S.N. 016-1000 S.N. 016-1001	S.N. 016-1005	S.N. 016-2455	S.N. 016-2457	S.N. 016-0483	S.N. 016-1026	S.N. 016-0486	S.N. 016-0488	SAFETY	SIGN STRUCTURES	DRAINAGE		
				0004 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0021 URBAN	0040 URBAN	0044 URBAN		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1													
X7010410	SPEED DISPLAY TRAILER	CAL MO	7	7													
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	4387	4387													
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1													
X8130125	REMOVAL OF EXISTING JUNCTION BOX	EACH	1											1			
X8251388	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA	EACH	2											2			
X8260110	NAVIGATION LIGHTING SYSTEM	L SUM	1											1			
X8420502	REMOVAL OF LIGHT TOWER NO SALVAGE	EACH	2											2			
X8420510	REMOVAL OF LIGHT TOWER FOUNDATION	EACH	1											1			
X8950810	REMOVE AND RE-ERECT FLASHING BEACON	EACH	2											2			
XX006821	CONCRETE TRUCK WASHOUT	L SUM	1	1													
X0327785	CURED-IN-PLACE PIPE LINER, 12"	FOOT	166														166
X0327786	CURED-IN-PLACE PIPE LINER, 15"	FOOT	119														119
X0327787	ANCHOR BOLTS, 1 3/4" (MODIFIED)	EACH	24		24												

• SPECIALTY ITEM

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

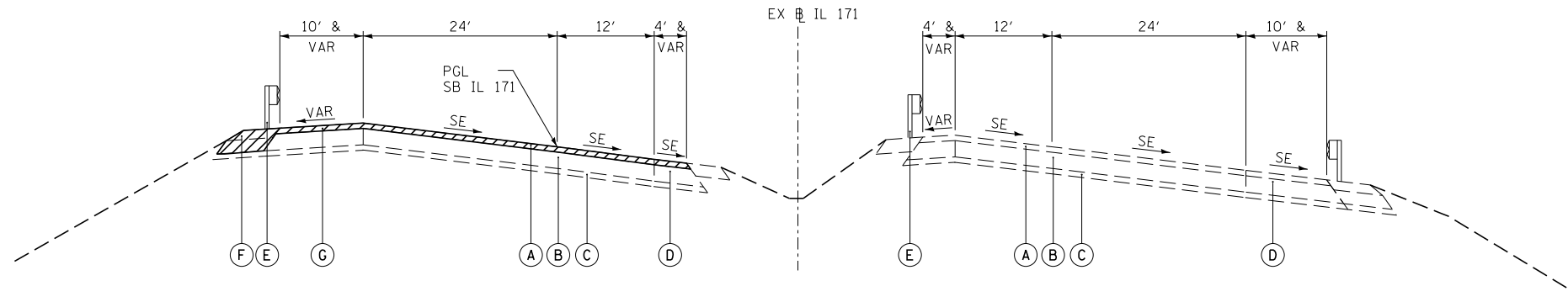
SUMMARY OF QUANTITIES

SCALE: SHEET 21 OF 21 SHEETS STA. TO STA.


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-0388-R	COOK	821	24
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

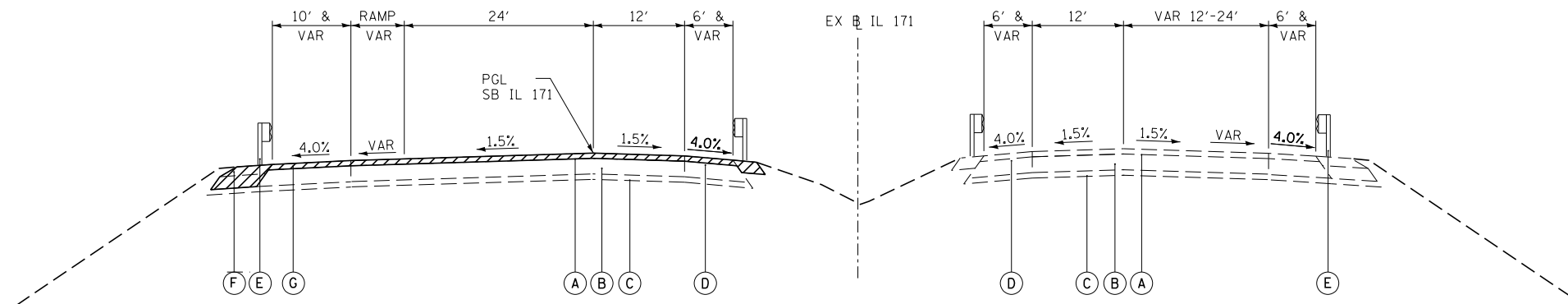
Rev.



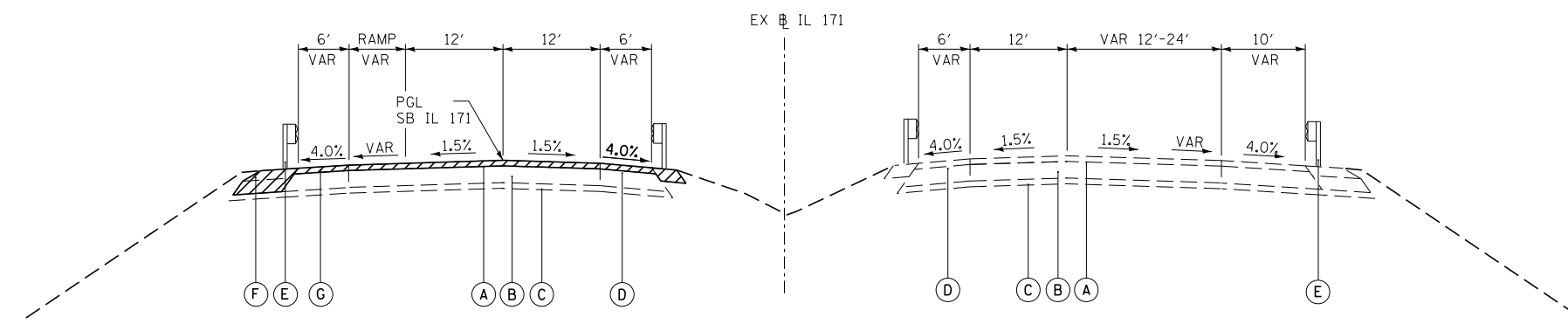


**IL 171**  
STA 20+41.44 TO STA 21+73.28

- LEGEND:**
- (A) EXISTING HOT-MIX ASPHALT BINDER AND SURFACE, 4"
  - (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10"
  - (C) EXISTING SUBBASE
  - (D) EXISTING HOT-MIX ASPHALT SHOULDER
  - (E) EXISTING STEEL PLATE BEAM GUARDRAIL
  - (F) EXISTING AGGREGATE SHOULDER
  - (G) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL, 4"
-  REMOVAL ITEMS



**IL 171**  
STA 24+17.78 TO STA 27+50.44



**IL 171**  
STA 36+62.86 TO STA 39+95.06  
STA 44+33.80 TO STA 47+78.21

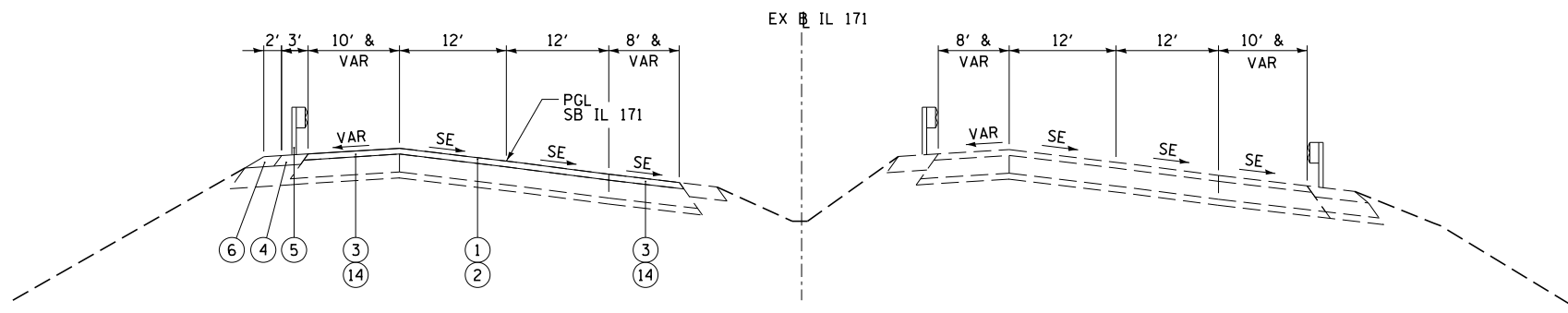
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PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -



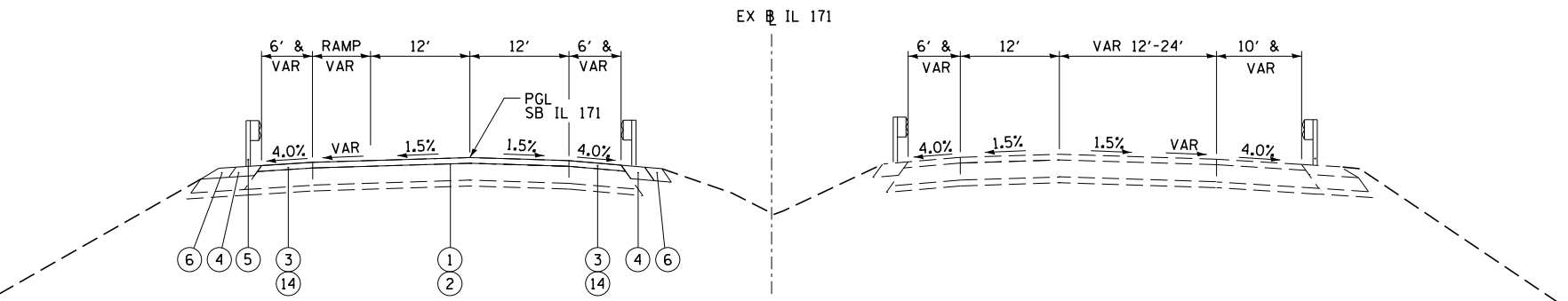
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>EXISTING</b>	
<b>TYPICAL SECTIONS - IL 171</b>	
SHEET 1 OF 3 SHEETS	STA. TO STA.

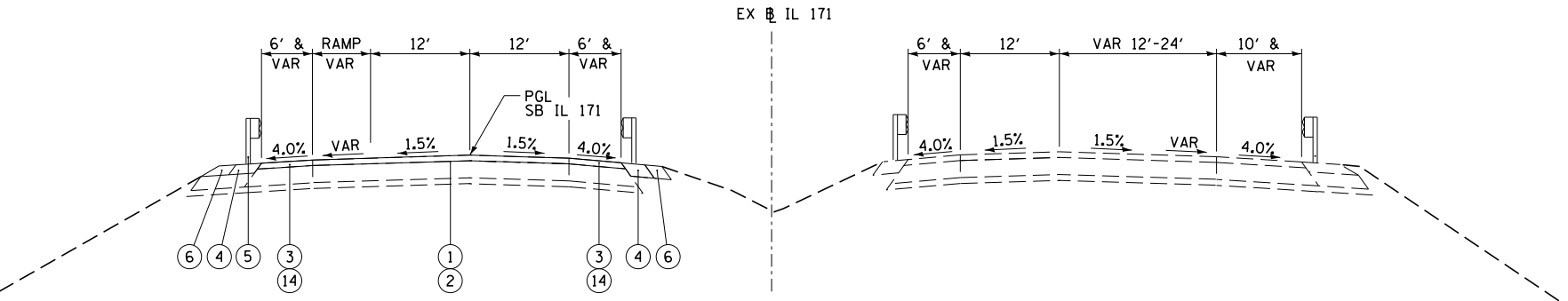
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	25
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**PROPOSED TYPICAL SECTION  
IL 171**  
STA 20+41.44 TO STA 21+73.54



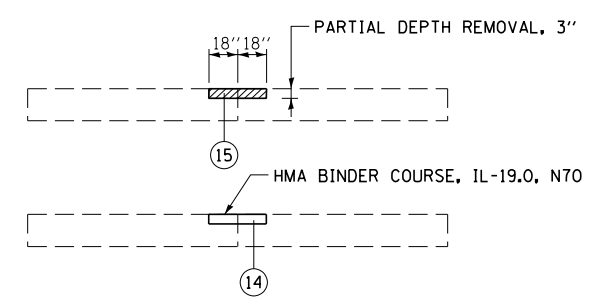
**PROPOSED TYPICAL SECTION  
IL 171**  
STA 24+17.51 TO STA 27+50.19



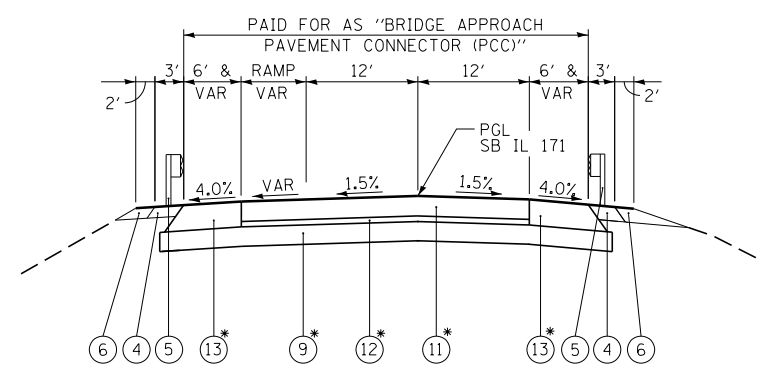
**PROPOSED TYPICAL SECTION  
IL 171**  
STA 36+65.78 TO STA 39+06.08  
STA 44+22.78 TO STA 47+78.21

**LEGEND:**

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"
  - ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90 (IL-19.0), 2 1/4"
  - ③ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 3/4"
  - ④ HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARDRAIL
  - ⑤ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
  - ⑥ AGGREGATE SHOULDERS, TYPE B, 6"
  - ⑦ HOT-MIX ASPHALT BASE COURSE, 10 3/4"
  - ⑧ HOT-MIX ASPHALT SHOULDERS, 12 3/4"
  - ⑨ AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ⑩ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 (IL-9.5), 2"
  - ⑪ PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10"
  - ⑫ STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
  - ⑬ PORTLAND CEMENT CONCRETE SHOULDERS 14"
  - ⑭ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4"
  - ⑮ PARTIAL DEPTH REMOVAL, 3"
- \* PAID FOR AS "BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)"




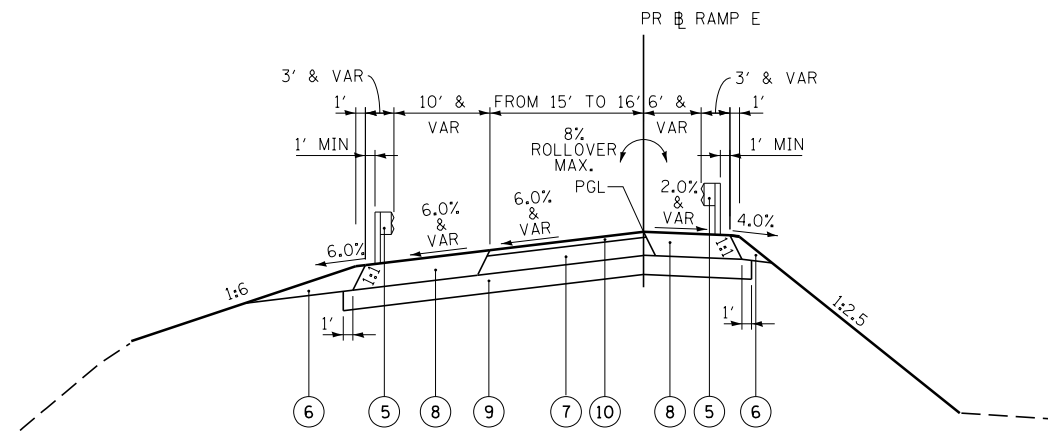
**DETAIL A  
LONGITUDINAL JOINT REPAIR (TYP)**  
(LOCATIONS TO BE DETERMINED BY ENGINEER)



**PROPOSED TYPICAL SECTION  
IL 171**

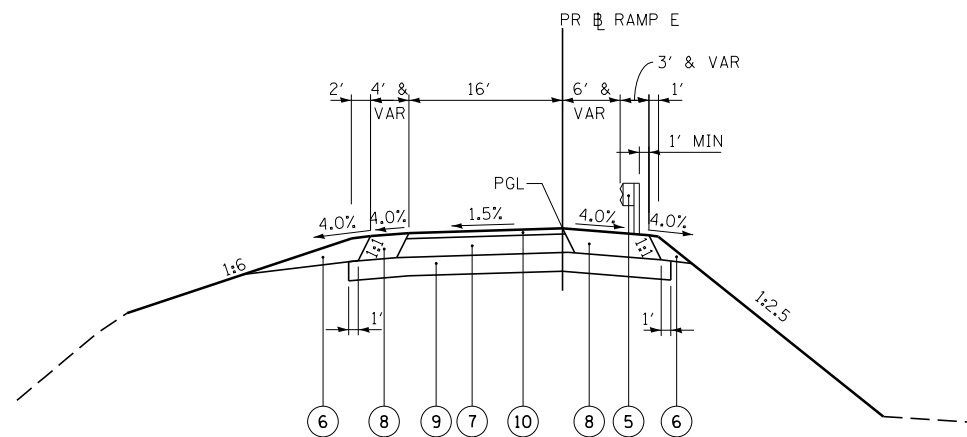
BRIDGE APPROACH CONNECTOR FROM STA 21+73.54 TO STA 21+83.79  
 BRIDGE APPROACH CONNECTOR FROM STA 24+07.27 TO STA 24+17.51  
 BRIDGE APPROACH CONNECTOR FROM STA 27+50.19 TO STA 27+60.45  
 BRIDGE APPROACH CONNECTOR FROM STA 36+52.70 TO STA 36+65.78  
 BRIDGE APPROACH CONNECTOR FROM STA 47+78.21 TO STA 47+88.21  
 BRIDGE APPROACH CONNECTOR FROM STA 67+23.00 TO STA 67+33.00

FILE NAME = ... \D160J16-IL171-pr typ-01.dgn	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS - IL 171</b>	F.A.P. RTE. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 26
USER NAME = tblank	DRAWN - TMB	REVISED -				CONTRACT NO. 60J16		ILLINOIS FED. AID PROJECT		
PLOT DATE = 8/7/2014	CHECKED - JMM	REVISED -				SHEET 2 OF 3 SHEETS		STA. TO STA.		
DATE - 6/23/2014	REVISIONS	REVISED -								



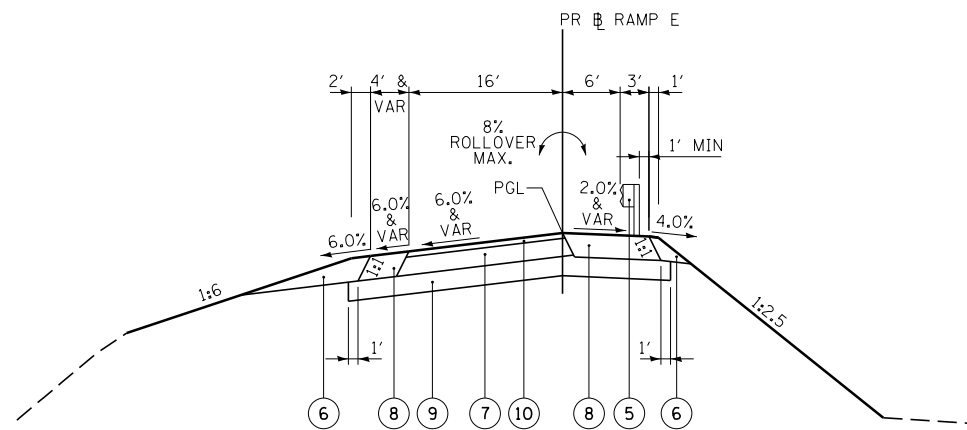
**PROPOSED TYPICAL SECTION  
RAMP E**

STA 209+50.06 TO STA 212+63.43  
 BRIDGE OMISSION FROM STA 212+63.43 TO STA 218+05.53 (CONTRACT 60W77 - BY OTHERS)  
 SE SHOULDER TRANSITION IN - STA 211+39.43 TO STA 212+63.43  
 SE TRANSITION OUT - STA 216+83.98 TO STA 218+48.98



**PROPOSED TYPICAL SECTION  
RAMP E**

STA 218+05.53 TO STA 221+49.72

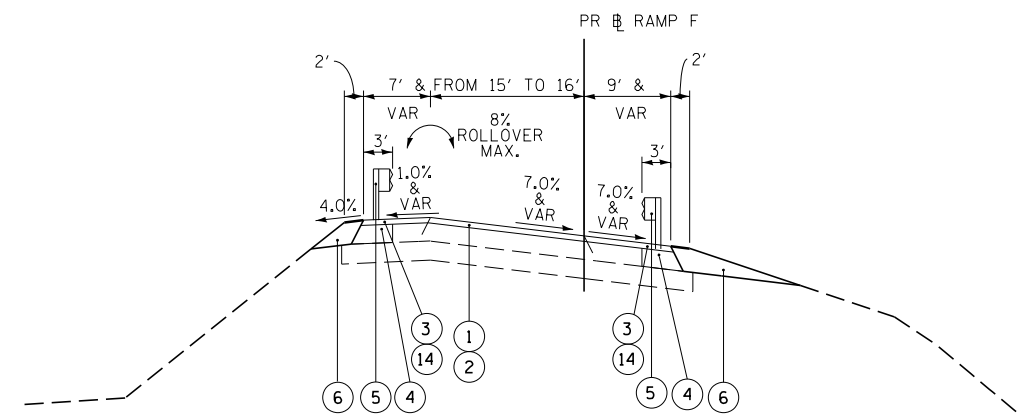


**PROPOSED TYPICAL SECTION  
RAMP E**

STA 221+49.72 TO STA 226+60.00

**LEGEND:**

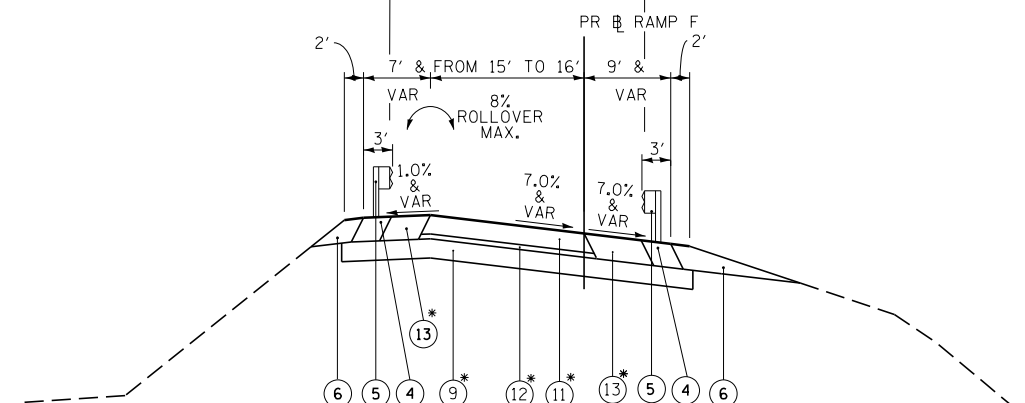
- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"
  - ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90 (IL-19.0), 2 1/4"
  - ③ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 3/4"
  - ④ HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARDRAIL
  - ⑤ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
  - ⑥ AGGREGATE SHOULDERS, TYPE B, 6"
  - ⑦ HOT-MIX ASPHALT BASE COURSE, 10 3/4"
  - ⑧ HOT-MIX ASPHALT SHOULDERS, 12 3/4"
  - ⑨ AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ⑩ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 (IL-9.5), 2"
  - ⑪ PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10"
  - ⑫ STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
  - ⑬ PORTLAND CEMENT CONCRETE SHOULDERS 14"
  - ⑭ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4"
  - ⑮ PARTIAL DEPTH REMOVAL, 3"
- \* PAID FOR AS "BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)"



**PROPOSED TYPICAL SECTION  
RAMP F**

STA 27+43.10 TO STA 29+84.58

PAID FOR AS "BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)"



**PROPOSED TYPICAL SECTION  
RAMP F**

BRIDGE APPROACH CONNECTOR FROM STA 29+84.58 TO STA 29+96.91

FILE NAME =	DESIGNED - AAA	REVISED -
... \D160J16-tp-rampe-01.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED  
TYPICAL SECTIONS - RAMP E & F**

SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	27
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

**LANDSCAPE SCHEDULE**

LOCATION			21101505			25000210	25000314	25000400	25000600	2500750	25100630	X2501800	X2503110
ROAD	START STRCT	END STRCT	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT, 4"	TOPSOIL PLACEMENT, 6"	SEEDING, CLASS 2A	SEEDING, CLASS 4B	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MOWING	EROSION CONTROL BLANKET	SEEDING, CLASS 4 (MODIFIED)	MOWING (SPECIAL)
			CU YD	CU YD	SQ YD	ACRE	ACRE	POUND	POUND	ACRE	SQ YD	ACRE	ACRE
IL 171	START PROJ	016-0488	196.7	0	98	0.00	0.00	0	0	0.37	590	0.12	
IL 171	016-0488	016-0486	338.7	0	169	0.00	0.00	0	0	0.63	1016	0.21	
IL 171	016-0486	016-1510	221.0	0	111	0.00	0.00	0	0	0.41	663	0.14	0.41
IL 171	016-1510	016-0483	93.9	0	47	0.00	0.00	0	0	0.17	282	0.06	0.42
IL 171	016-2455	016-1005	133.2	0	67	0.00	0.00	0	0	0.25	400	0.08	
RIVER LOCATION 1			0.0	0	33	0.00	0.04	0	0	0.12		0.00	
RIVER LOCATION 2			0.0	0	115	0.00	0.14	0	0	0.43		0.00	
IL 171	016-1005	016-1000	124.2	41	0	0.08	0.00	7	7	0.23	373	0.00	
IL 171	016-1000	END	184.8	61	0	0.11	0.00	10	10	0.34	554	0.00	
IL 171	016-1006	016-1001	0.0	0	0	0.00	0.00	0	0	0.00	0	0.00	
IL 171	016-0483	016-2455	105.1	35	0	0.07	0.00	6	6	0.20	315	0.00	5.66
IL 171	016-1001	END	288.1	95	0	0.18	0.00	16	16	0.54	864	0.00	
RAMP E	016-1026	016-1512	863.6	201	1091	0.38	0.15	34	34	5.19	8371	1.20	4.63
RAMP E	016-1512	END PROJ	384.7	0	513	0.00	0.00	0	0	1.91	3076	0.64	1.29
RAMP F	016-0486	END	0.0	0	0	0.00	0.00	0	0	0.00	0	0.00	0.63
<b>TOTAL</b>			<b>2,935</b>	<b>433</b>	<b>2,244</b>	<b>1.00</b>	<b>0.50</b>	<b>74</b>	<b>74</b>	<b>11.00</b>	<b>16,505</b>	<b>2.50</b>	<b>13.25</b>

\*TOPSOIL EXCAVATION AND PLACEMENT WILL BE PAID FOR AS "21101505 - TOPSOIL EXCAVATION AND PLACEMENT" WITH A TOTAL OF 2935 CU YD

**REMOVAL SCHEDULE**

LOCATION			44000100	44000165	44000500	44004250	X6430210
ROAD	START STRCT	END STRCT	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	COMBINATION CURB AND GUTTER REMOVAL	PAVED SHOULDER REMOVAL	REMOVE AND REINSTALL IMPACT ATTENUATORS
			SQ YD	SQ YD	FOOT	SQ YD	EACH
IL 171	START PROJ	016-0488	0	780	0	0	0
IL 171	016-0488	016-0486	0	1912	0	0	0
IL 171	016-0486	016-1510	0	1297	0	0	0
IL 171	016-1510	016-0483	0	2458	0	0	0
IL 171	016-2455	016-1005	0	0	0	0	0
IL 171	016-1005	016-1000	0	0	0	0	0
IL 171	016-1000	END	0	0	640	0	0
RAMP E	016-1026	016-1512	0	0	0	728	0
RAMP E	016-1512	END PROJ	0	0	0	1812	1
RAMP F	016-0486	END	2020	171	0	0	0
<b>TOTAL</b>			<b>2020</b>	<b>6619</b>	<b>640</b>	<b>2539</b>	<b>1</b>

**PAVEMENT SCHEDULE**

LOCATION			30300112	35501327	40600982	40603240	40603595	42001420	44000100	44000165	44000500	44004250	48101202	48203048	X4060110	Z0005216
ROAD	START STRCT	END STRCT	AGGREGATE SUBGRADE IMPR 12"	HOT-MIX ASPHALT BASE COURSE 10 3/4"	HMA SURFACE REMOVAL - BUTT JOINT	POLY HMA BINDER COURSE, IL-19.0, N90	POLY HMA SURFACE COURSE, MIX "F", N90	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	PAVEMENT REMOVAL	HMA SURFACE REMOVAL, 4"	COMB CURB AND GUTTER REMOVAL	PAVED SHOULDER REMOVAL	AGGREGATE SHOULDERS, TYPE B	HMA SHOULDERS, 12 3/4"	BITUMINOUS MATERIAL (PRIME COAT)	HMA STABILIZATION 6" AT STEEL PLATE BEAM GUARDRAIL
			SQ YD	SQ YD	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	CU YD	SQ YD	POUND	SQ YD
IL 171	START PROJ	016-0488		0	120	232	180	60	0	780	0	0	39		92	350
IL 171	016-0488	016-0486		0	0	250	195	122	0	1912	0	0	17		99	125
IL 171	016-0486	016-1510		0	0	170	132	65	0	1297	0	0	15		73	133
IL 171	016-1510	016-0483		0	0	307	239	51	0	2458	0	0	32		152	133
IL 171	016-2457	016-1005		0	0	208	162	0	0	0	0	0	51		83	433
IL 171	016-1005	016-1000		0	0	295	230	0	0	0	0	0	64		117	567
IL 171	016-1000	END		0	0	209	163	0	0	0	640	0	45		83	417
RAMP E	016-1026	016-1512	5012	690.46	0	0	0	0	0	0	0	728	19	890	55	221
RAMP E	016-1512	END PROJ		1513.83	27	0	0	0	0	0	0	1812	58	1662	71	400
RAMP F	016-0486	END		0	37	104	81	41	2020	171	0	0	14		41	100
<b>TOTAL</b>			<b>5012</b>	<b>2204</b>	<b>183</b>	<b>1775</b>	<b>1380</b>	<b>339</b>	<b>2020</b>	<b>6619</b>	<b>640</b>	<b>2539</b>	<b>355</b>	<b>2553</b>	<b>866</b>	<b>2880</b>

**EROSION CONTROL SCHEDULE**

LOCATION			20101000	28000250	28000315	28000400	28000510	28001100	28100105
ROAD	START STRCT	END STRCT	TEMPORARY FENCE	TEMPORARY EROSION CONTROL SEEDING	AGGREGATE DITCH CHECKS	PERIMETER EROSION BARRIER	INLET FILTERS	TEMPORARY EROSION CONTROL BLANKET	STONE RIPRAP, CLASS A3
			FOOT	POUND	TON	FOOT	EACH	SQ YD	SQ YD
IL 171	START PROJ	016-0488	329	73		286	1	872	17
IL 171	016-0488	016-0486	285	64	44	504	1	1540	0
IL 171	016-0486	016-1510	335	26		142	0	290	0
IL 171	016-1510	016-0483	346	42		215	1	630	17
IL 171	016-2455	016-1005	979	0		0	2	0	0
IL 171	016-1005	016-1000	60	56		616	2	1044	17
IL 171	016-1000	END	240	43		328	0	866	0
IL 171	016-1006	016-1001		53		285	0	618	0
IL 171	016-0483	016-2455		0		594	0	0	0
IL 171	016-1001	END		39		545	0	1440	0
RAMP E	016-1026	016-1512	119	61		327	0	1972	0
RAMP E	016-1512	END PROJ		43		519	0	2118	0
RAMP F	016-0486	END		0		0	0	0	0
<b>TOTAL</b>			<b>2693</b>	<b>501</b>	<b>44</b>	<b>4,361</b>	<b>7</b>	<b>11,390</b>	<b>51</b>

**BRIDGE APPROACH SCHEDULE**

LOCATION	Z0004552	54215547	55100500	60100945	60500060	60900240	60900315	60900515	X0322936
STRUCTURE	APPROACH SLAB REMOVAL	METAL END SECTION 12"	STORM SEWER REMOVAL 12" (FOR APPROACH)	PIPE DRAIN 12"	REMOVING INLETS	TYPE C INLET BOX, STANDARD 609006	TYPE D INLET BOX, STANDARD 609006	CONCRETE THRUST BLOCKS (FOR APPROACH)	REMOVE EXISTING FLARED END SECTION
	SQ YD	EACH	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH
SN 016-1000	369	0	0	0	0	0	0	0	0
SN 016-1001	0	0	0	0	0	0	0	0	0
SN 016-1005	0	0	0	0	0	0	0	0	0
SN 016-2455	112	2	108	108	2	1	1	2	2
SN 016-2457	0	0	0	0	0	0	0	0	0
SN 016-0483	82	2	0	65	1	1	1	2	0
SN 016-1026	0	0	0	0	0	0	0	0	0
SN 016-0486	405	2	0	125	0	2	0	2	0
SN 016-0488	320	0	0	0	0	0	0	0	0
<b>TOTAL</b>									
<b>1288</b>									
<b>6</b>									
<b>108</b>									
<b>298</b>									
<b>3</b>									
<b>4</b>									
<b>2</b>									
<b>6</b>									
<b>2</b>									

**TREE SCHEDULE**

SCIENTIFIC NAME	COMMON NAME	SIZE	TOTAL	1	2	3	4	5	6	7	8	9	10
AESCLUS FLAVEA	YELLOW SWEET BUCKEYE	2" CAL/B&B	11								11		
CAALPA SPECIOSA	NORTHERN CATALPA	2" CAL/B&B	6.00		6.00								
CELTIS OCCIDENTALIS	COMMON HACKBERRY	2" CAL/B&B	4.00		4.00								
GYMNOCLADUS DIOICUS	KENTUCKY COFFEE TREE	2" CAL/B&B	10.00								10		
QUERCUS BICOLOR	SWAMP WHITE OAK	2" CAL/B&B	10.00	5.00							5		
QUERCUS IMBRICARIA	SHINGLE OAK	2" CAL/B&B	8.00								8		
QUERCUS MACROCARPA	BUR OAK	2" CAL/B&B	10.00								10		

**TREE REMOVAL SCHEDULE**

LOCATION			20100110	20100210
ROAD	STA	OFFSET	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
			(UNIT)	(UNIT)
171 SB	21+52.58	81.6 LT	15	
171 SB	21+52.58	77.0 LT	15	
171 SB	21+75.56	79.2 LT	15	
171 SB	106+21.49	71.4 LT	15	
171 SB	107+92.98	70.0 LT	15	
RAMP E	212+05.23	46.8 RT	15	
ADDITIONAL CONTINGENCY PER IDOT			1250	1000
<b>TOTAL</b>			<b>1340</b>	<b>1000</b>

### TEMPORARY AND PROPOSED PAVEMENT MARKING SCHEDULE

LOCATION			70300100	70301000	78005100	78005110				78005130		78005140	78005150	78005180	78100200	78300100	78300200	X7030030
			SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	EPOXY PAVT MARKING - LETTERS & SYMBOLS	EPOXY PAVT MARKING - LINE 4"				EPOXY PAVT MARKING - LINE 6"		EPOXY PAVT MARKING - LINE 8"	EPOXY PAVT MARKING - LINE 12"	EPOXY PAVEMENT MARKING - LINE 24"	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH
Road	Start STA	End STA	(FOOT)	(SQ FT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(SQ FT)	(EACH)	(FOOT)
SB IL171	10+00.00	39+95.06	0	0	73	2984	1897	1160	143	276	40	572	0	0	59	0	0	0
SB IL171	44+33.80	89+10.76	0	0	0	4450	2803	1483	168	0	0	744	0	0	76	0	0	0
RAMP F	29+30.00	31+97.00	0	0	0	277	269	0	0	0	0	1387	79	0	0	0	0	0
RAMP G	22+65.20	23+62.00	0	0	0	100	97	0	0	0	0	366	53	0	0	0	0	0
RAMP K	16+65.00	27+61.00	0	0	0	0	0	0	0	0	0	608	88	0	0	0	0	0
MOT																		
Road	Stage																	
IL 171	Prestage		500	260	0			5671		0	0	0	0	0	0	1924	0	3292
IL 171	Stage 1A		2500	279	185			26675		0	1342	1142	1142	20	56	4863	196	0
IL 171	Stage 1B		500	244	67			6453		0	280	602	720	40	13	720	12	0
IL 171	Stage 1C		500	3135	39			7888		0	295	0	0	0	8	4251	88	0
SUBTOTAL			4000	3918	73	7811	5066	2643	311	276	1957	5421	1964	60	212	11758	296	3292
TOTAL			4000	3918	364			62,518			2233	5421	1964	60	212	11758	296	3292

### PROPOSED PAVEMENT MARKING SCHEDULE

LOCATION			78000100	78000200			78000400	78000500	78000600	78000650
			THERMOPLASTIC PAVEMENT MARKING - LETTERS AND	THERMOPLASTIC PAVEMENT			THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
ROAD	START STA	END STA	SQ FT	YELLOW LINE	WHITE LINE	WHITE 10' DASH 30" SKIP	FOOT	FOOT	FOOT	FOOT
SB IL 171	8+00.00	10+00.00	73	104	0	26	301	140	54	64
SB IL 171	89+10.76	119+44.97	0	4698	2575	1175	0	1538	305	0
RAMP E	197+06.62	212+63.41	0	0	0	0	0	0	0	0
RAMP E	218+05.70	226+60.00	0	0	0	0	0	0	0	0
TOTAL			73	4802	2575	1200	301	1678	359	64

### PLUGS SCHEDULE

SCIENTIFIC NAME	COMMON NAME	SIZE	TOTAL	WETLAND # 5	WETLAND # 6	PLANTING DEPTH @ NORMAL WATER LEVEL (NWL)
CALAMAGROSTIS CANADENSIS	BLUE JOINT GRASS	PLUG	1	0.75	0.25	0" (@ nwl)
CAREX LACUSTRIS	COMMON LAKE SEDGE	PLUG	0.75	0.50	0.25	0-3" below nwl
CAREX STRICTA	COMMON TUSsock SEDGE	PLUG	0.75	0.50	0.25	0" (@ nwl)
CAREX VULPINOIDEA	BROWN FOX SEDGE	PLUG	0.75	0.50	0.25	0" (@ nwl)
GLYCERIA TRIATA	FOWL MANNA GRASS	PLUG	0.75	0.50	0.25	0" (@ nwl)
JUNCUS TORREYI	TORRREY'S RUSH	PLUG	0.75	0.50	0.25	3-6" below nwl
SAGITTARIA LATIFOLIA	COMMON ARROW-HEAD	PLUG	0.75	0.50	0.25	3-6" below nwl
SCIRPUS ATROVIRENS	DARK GREEN BULRUSH	PLUG	0.75	0.50	0.25	0-3" below nwl
SCIRPUS VALIDUS CREBER	GREAT BULRUSH	PLUG	0.75	0.50	0.25	3-6" below nwl
SPARTINA PECTINATA	PRAIRIE CORD GRASS	PLUG	1.00	0.75	0.25	0-3" below nwl

### EARTHWORK SCHEDULE

LOCATION	20200100	EXCAVATION VOLUME TO BE USED IN EMBANKMENT, ADJUSTED FOR 15% SHRINKAGE		EMBANKMENT VOLUME	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) VOLUME
	EARTH EXCAVATION	(CU YD)	(CU YD)	(CU YD)	(CU YD)
CROSSOVERS	174	148	1736	-1,588	
SN 016-1000	332	282	565	-283	
SN 016-1001	263	224	447	-223	
SN 016-1005					
SN 016-2455	120	102	160	-58	
SN 016-2457					
SN 016-0483	257	218	411	-193	
SN 016-1026					
SN 016-0486	232	197	347	-150	
SN 016-0488	135	115	202	-87	
RAMP E	3,709	3153	5,147	-1,994	
TOTAL	5,222	4,439	9,015	-4,576	

Pay Item 20400800 - Furnished Excavation = 4576 CU YD

**GUARDRAIL SCHEDULE**

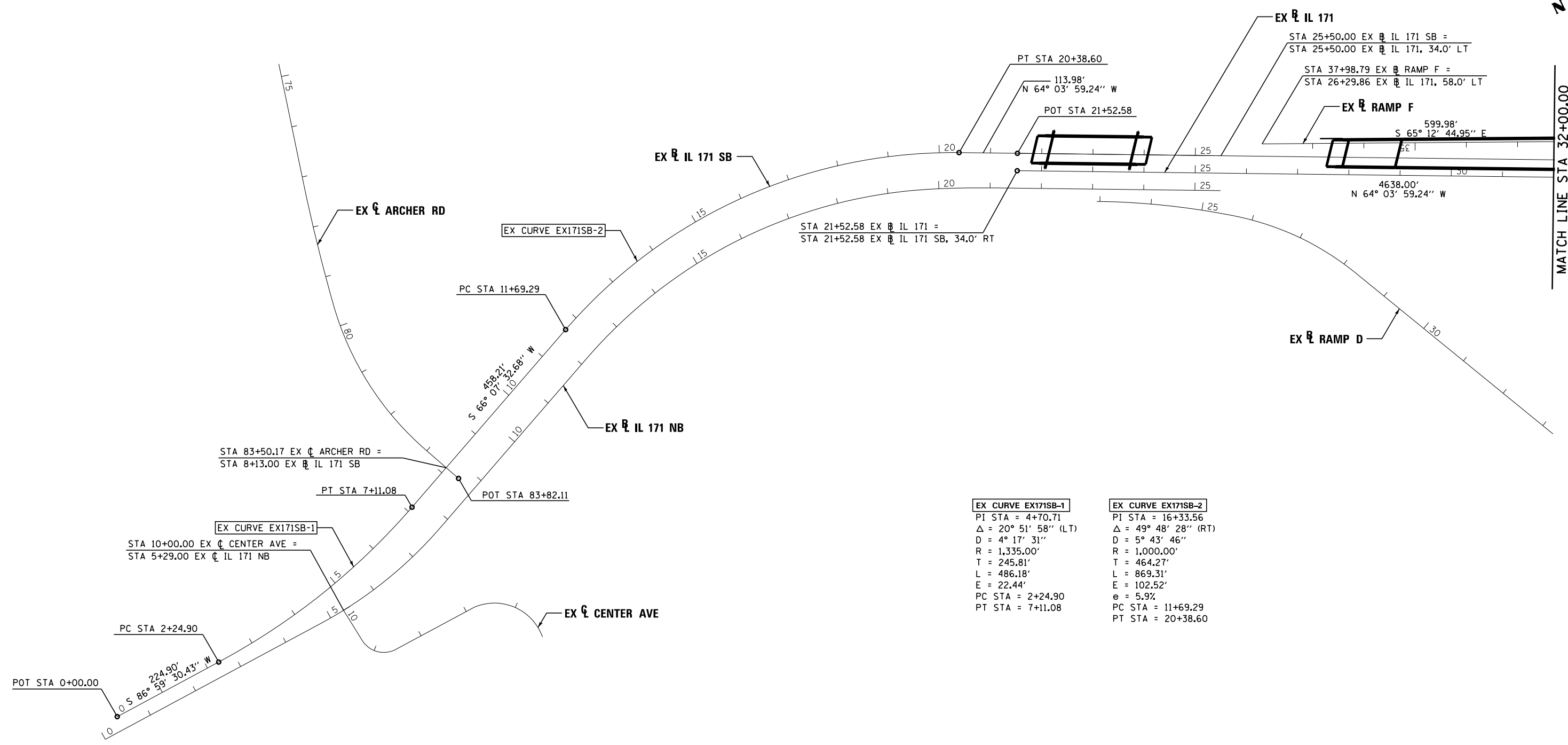
LOCATION		6300001	63100070	63100085	63100167	63100169	63200310	63301990	63302700	78201000
		STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 5	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	GUARDRAIL REMOVAL	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6	TERMINAL MARKER-DIRECT APPLIED
STRUCTURE NUMBER	QUADRANT	FOOT	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH
SN-016-0488	NW	150	0	0	0	0	201	0	1	0
	NE	75	0	0	1	0	406	0	1	1
	SW	1050	0	1	1	0	1287	0	0	1
SN 016-0486	SW	150	0	1	0	0	201	0	0	0
	SE	0	0	0	0	0	203	0	0	0
	NE	100	0	0	0	0	166.25	1	1	1
	NW	287.5	0	1	0	0	347	0	0	0
	RAMP F N	162.5	0	1	1	0	328	0	0	1
	RAMP F S	137.5	0	1	1	0	740	0	0	1
SN 016-0487 (SEE MOT PLANS)	NW	150	0	1	0	0	53	0	0	0
SN 016-1510	SW	0	0	0	0	0	0	0	0	0
	NE	112.5	0	0	1	0	161	0	0	1
	NW	387.5	0	0	1	0	153	0	0	1
SN 016-1511 (SEE MOT PLANS)	NW	275	0	1	0	0	63	0	0	0
SN 016-0483	SW	50	0	1	1	0	140	0	0	1
SN 016-2457	NW	675	0	1	0	0	2031	0	0	0
	NE	112.5	0	1	1	0	304	0	0	1
SN 016-1005	SW	512.5	0	1	1	0	733	0	0	1
	NE	112.5	0	1	0	1	298	0	0	1
	NW	825	0	1	1	0	1336	0	0	1
SN 016-1006 (SEE MOT PLANS)	NW	112.5	0	1	1	0	0	0	0	1
SN 016-1000	SW	475	1	0	1	0	977	0	0	1
	NE	150	0	1	1	0	302	0	0	1
	NW	575	0	1	1	0	651	0	0	1
HAZZARD AT STA 114+25.20	W	225	0	0	2	0	640	0	0	2
	E	87.5	0	0	2	0	203	0	0	2
SN 016-1001	NE	362.5	1	0	1	0	478	0	0	1
	SE	137.5	0	1	1	0	552	0	0	1
	SW	150	0	1	1	0	301	0	0	1
SN 016-1026	SW	137.5	0	1	1	0	252	0	0	1
	SE	187.5	0	1	0	0	324	0	0	0
SN 016-1512	NW	187.5	0	0	0	0	0	0	0	0
	NE	0	0	0	1	0	78	0	0	1
	SE	1262.5	0	0	1	0	1247	0	0	1
	SW	300	0	0	0	0	202	0	0	0
TOTAL		9675	2	20	24	1	15359	1	3	26

**TEMPORARY CONCRETE BARRIER SCHEDULE**

LOCATION	STAGE	SIDE	FROM STA	TO STA	70400100	70400200	70600250	70600350	78200200	78200530
					TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	BIDIRECTIONAL PRISMATIC BARRIER REFLECTOR	BARRIER WALL MARKERS, TYPE C
					(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)
IL 171	1A	NB	15+32.22	84+49.00	6925.00	0	2	0	277	554
IL 171	1A	NB	102+71.33	106+99.45	437.50	0	1	0	18	36
IL 171	1A	SB	102+66.02	106+86.55	425.00	0	1	0	17	34
IL 171	1B	NB	15+32.25	84+49.01	0.00	0	0	0	0	0
IL 171	1B	NB	102+56.90	107+10.37	0.00	462.50	0	0	0	0
IL 171	1B	SB	102+49.78	107+09.12	0.00	462.50	0	0	0	0
IL 171	1C	NB	102+56.85	107+10.94	0.00	0	0	1	0	0
IL 171	1C	SB	102+49.72	107+09.18	0.00	0	0	1	0	0
IL 171	Winter Shutdown	NB	10+59.00	21+48.00	1112.50	0	1	0	45	45
IL 171	Winter Shutdown	SB	10+97.00	20+48.00	937.50	0	1	0	38	38
IL 171	Winter Shutdown	NB	80+77.00	94+06.00	1325.00	0	1	0	53	53
IL 171	Winter Shutdown	SB	82+33.00	94+87.00	1262.50	0	1	0	51	53
TOTAL					12425	925	8	2	499	813

**TEMPORARY CROSSOVERS SCHEDULE**

LOCATION	FROM STA	TO STA	31101200	Z0062456	542A0223	54213663	60218300
			SUBBASE GRANULAR MATERIAL, TYPE B, 4" (SQ YD)	TEMPORARY PAVEMENT (SQ YD)	PIPE CULVERTS, CLASS A, TYPE 1 18" (FOOT)	PRECAST REINFORCED CONCRETE FLARED END SECTION 18" (EACH)	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID (EACH)
IL 171	10+54.06	21+49.60	2782.05	2584.3	643	2	1
IL 171	80+68.39	95+12.67	3929.32	3663.44	965	2	1
TOTAL			6712	6248	1608	4	2



EX CURVE EX171SB-1	EX CURVE EX171SB-2
PI STA = 4+70.71	PI STA = 16+33.56
$\Delta = 20^\circ 51' 58''$ (LT)	$\Delta = 49^\circ 48' 28''$ (RT)
D = 4° 17' 31"	D = 5° 43' 46"
R = 1,335.00'	R = 1,000.00'
T = 245.81'	T = 464.27'
L = 486.18'	L = 869.31'
E = 22.44'	E = 102.52'
PC STA = 2+24.90	PC STA = 11+69.29
PT STA = 7+11.08	PT STA = 20+38.60

FILE NAME = ... \D160J16-sht-align-04.dgn	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENT PLAN</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = tblank	DRAWN - TMB	REVISED -					372/373	2013-038B-R	COOK	821	31
PLOT DATE = 6/23/2014	CHECKED - JMM	REVISED -			SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.		CONTRACT NO. 60J16		ILLINOIS FED. AID PROJECT		
DATE - 6/23/2014	REVISOR -	REVISED -									



**EX CURVE RAMP-F-1**  
 PI STA = 22+44.70  
 $\Delta = 37^\circ 22' 16''$  (RT)  
 $D = 3^\circ 00' 00''$   
 $R = 1,909.86'$   
 $T = 645.91'$   
 $L = 1,245.70'$   
 $E = 106.27'$   
 $e = 3.5\%$   
 PC STA = 15+98.79  
 PCC STA = 28+44.49

**EX CURVE RAMP-F-2**  
 PI STA = 30+28.04  
 $\Delta = 36^\circ 54' 40''$  (RT)  
 $D = 10^\circ 25' 03''$   
 $R = 550.00'$   
 $T = 183.55'$   
 $L = 354.32'$   
 $E = 29.82'$   
 $e = 6\%$  (SEE S.N. 016-0486)  
 PCC STA = 28+44.49  
 PT STA = 31+98.81

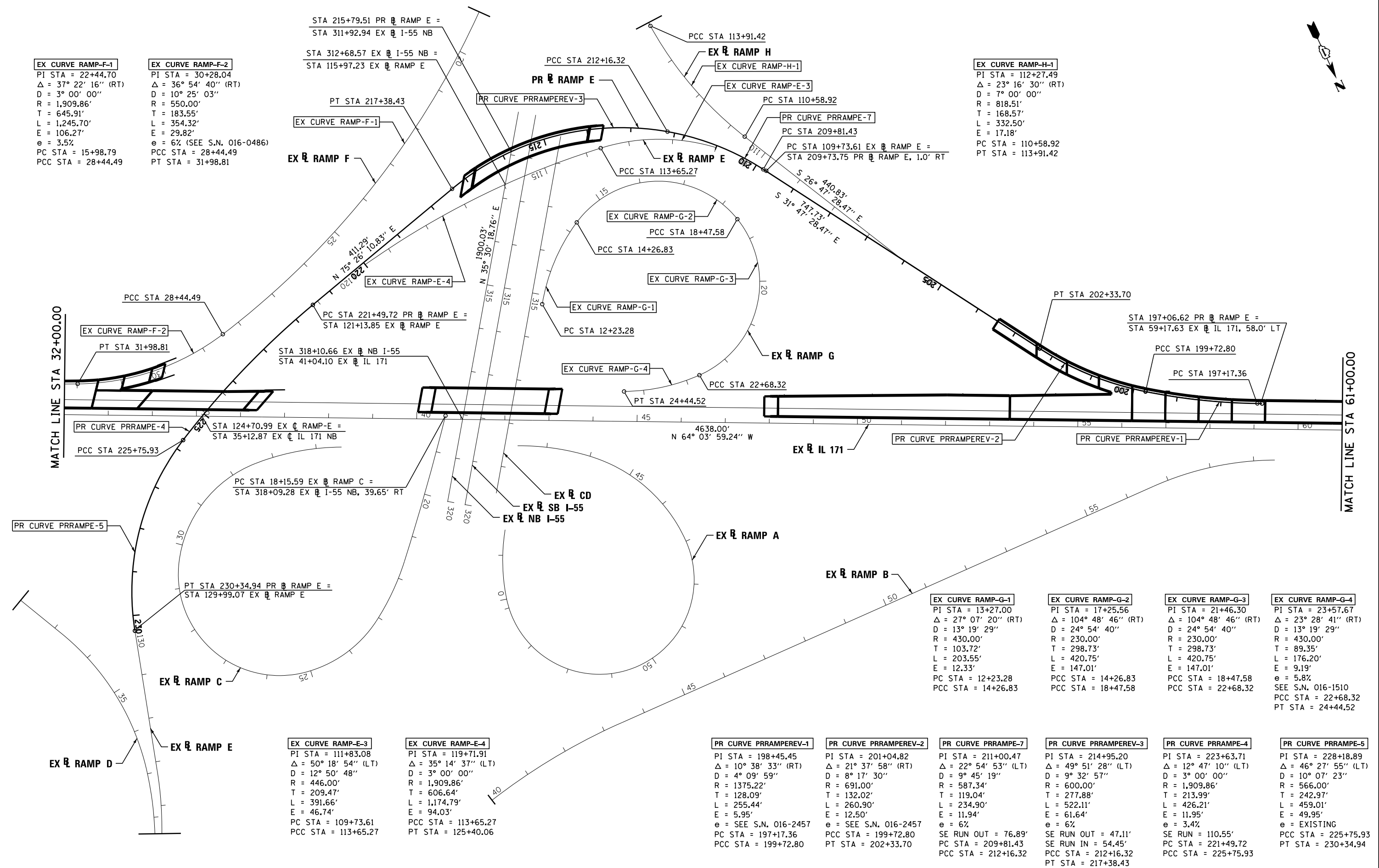
STA 215+79.51 PR  $\mathbb{B}$  RAMP E =  
 STA 311+92.94 EX  $\mathbb{B}$  I-55 NB

STA 312+68.57 EX  $\mathbb{B}$  I-55 NB =  
 STA 115+97.23 EX  $\mathbb{B}$  RAMP E

**EX CURVE RAMP-H-1**  
 PI STA = 112+27.49  
 $\Delta = 23^\circ 16' 30''$  (RT)  
 $D = 7^\circ 00' 00''$   
 $R = 818.51'$   
 $T = 168.57'$   
 $L = 332.50'$   
 $E = 17.18'$   
 PC STA = 110+58.92  
 PT STA = 113+91.42

MATCH LINE STA 32+00.00

MATCH LINE STA 61+00.00



**EX CURVE RAMP-E-3**  
 PI STA = 111+83.08  
 $\Delta = 50^\circ 18' 54''$  (LT)  
 $D = 12^\circ 50' 48''$   
 $R = 446.00'$   
 $T = 209.47'$   
 $L = 391.66'$   
 $E = 46.74'$   
 PC STA = 109+73.61  
 PCC STA = 113+65.27

**EX CURVE RAMP-E-4**  
 PI STA = 119+71.91  
 $\Delta = 35^\circ 14' 37''$  (LT)  
 $D = 3^\circ 00' 00''$   
 $R = 1,909.86'$   
 $T = 606.64'$   
 $L = 1,174.79'$   
 $E = 94.03'$   
 PCC STA = 113+65.27  
 PT STA = 125+40.06

**PR CURVE PRRAMPEV-1**  
 PI STA = 198+45.45  
 $\Delta = 10^\circ 38' 33''$  (RT)  
 $D = 4^\circ 09' 59''$   
 $R = 1,375.22'$   
 $T = 128.09'$   
 $L = 255.44'$   
 $E = 5.95'$   
 $e = \text{SEE S.N. 016-2457}$   
 PC STA = 197+17.36  
 PCC STA = 199+72.80

**PR CURVE PRRAMPEV-2**  
 PI STA = 201+04.82  
 $\Delta = 21^\circ 37' 58''$  (RT)  
 $D = 8^\circ 17' 30''$   
 $R = 691.00'$   
 $T = 132.02'$   
 $L = 260.90'$   
 $E = 12.50'$   
 $e = \text{SEE S.N. 016-2457}$   
 PCC STA = 199+72.80  
 PT STA = 202+33.70

**PR CURVE PRRAMPE-7**  
 PI STA = 211+00.47  
 $\Delta = 22^\circ 54' 53''$  (LT)  
 $D = 9^\circ 45' 19''$   
 $R = 691.00'$   
 $T = 119.04'$   
 $L = 234.90'$   
 $E = 11.94'$   
 $e = 6\%$   
 SE RUN OUT = 76.89'  
 PC STA = 209+81.43  
 PCC STA = 212+16.32

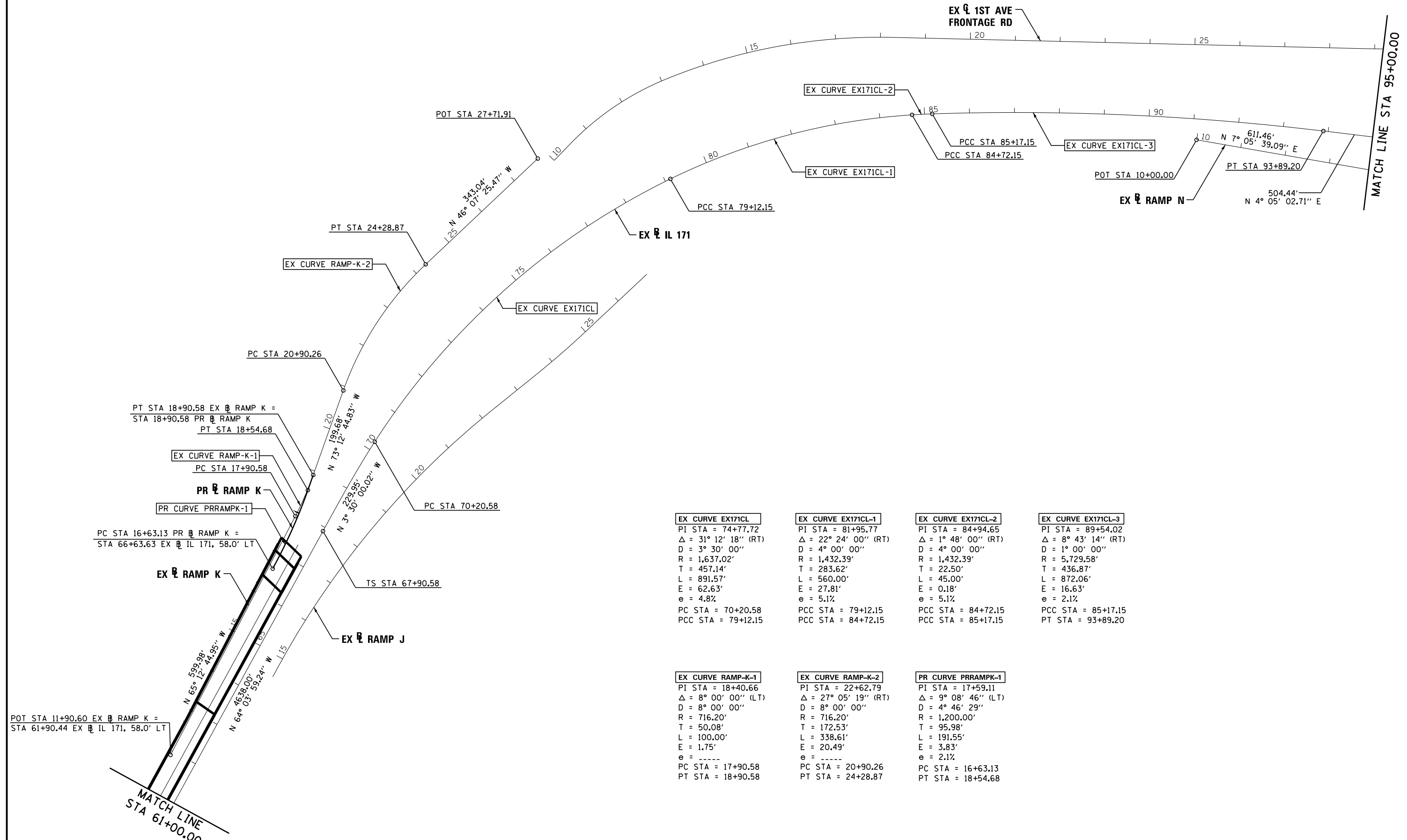
**PR CURVE PRRAMPEV-3**  
 PI STA = 214+95.20  
 $\Delta = 49^\circ 51' 28''$  (LT)  
 $D = 9^\circ 32' 57''$   
 $R = 600.00'$   
 $T = 277.88'$   
 $L = 522.11'$   
 $E = 61.64'$   
 $e = 6\%$   
 SE RUN OUT = 47.11'  
 SE RUN IN = 54.45'  
 PC STA = 221+49.72  
 PCC STA = 212+16.32  
 PT STA = 217+38.43

**PR CURVE PRRAMPE-4**  
 PI STA = 223+63.71  
 $\Delta = 12^\circ 47' 10''$  (LT)  
 $D = 3^\circ 00' 00''$   
 $R = 1,909.86'$   
 $T = 213.99'$   
 $L = 426.21'$   
 $E = 11.95'$   
 $e = 3.4\%$   
 SE RUN = 110.55'  
 PC STA = 221+49.72  
 PCC STA = 225+75.93

**PR CURVE PRRAMPE-5**  
 PI STA = 228+18.89  
 $\Delta = 46^\circ 27' 55''$  (LT)  
 $D = 10^\circ 07' 23''$   
 $R = 566.00'$   
 $T = 242.97'$   
 $L = 459.01'$   
 $E = 49.95'$   
 $e = \text{EXISTING}$   
 PCC STA = 225+75.93  
 PT STA = 230+34.94

FILE NAME =	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	ALIGNMENT PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
... \D160J16-sht-align-03.dgn	DRAWN - TMB	REVISED -					372/373	2013-038B-R	COOK	821	32	
USER NAME = tblank	CHECKED - JMM	REVISED -			SCALE:		SHEET 2 OF 6 SHEETS	STA.	TO STA.	CONTRACT NO. 60J16		
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -			ILLINOIS FED. AID PROJECT							





PT STA 18+90.58 EX RAMP K =  
 STA 18+90.58 PR RAMP K  
 PT STA 18+54.68

EX CURVE RAMP-K-1  
 PC STA 17+90.58

PR RAMP K

PR CURVE PRRAMPK-1

PC STA 16+63.13 PR RAMP K =  
 STA 66+63.63 EX IL 171, 58.0' LT

EX RAMP K

POT STA 11+90.60 EX RAMP K =  
 STA 61+90.44 EX IL 171, 58.0' LT

**EX CURVE EX171CL**  
 PI STA = 74+77.72  
 $\Delta = 31^\circ 12' 18''$  (RT)  
 D = 3° 30' 00"  
 R = 1,637.02'  
 T = 457.14'  
 L = 891.57'  
 E = 62.63'  
 e = 4.8%  
 PC STA = 70+20.58  
 PCC STA = 79+12.15

**EX CURVE EX171CL-1**  
 PI STA = 81+95.77  
 $\Delta = 22^\circ 24' 00''$  (RT)  
 D = 4° 00' 00"  
 R = 1,432.39'  
 T = 283.62'  
 L = 560.00'  
 E = 27.81'  
 e = 5.1%  
 PCC STA = 79+12.15  
 PCC STA = 84+72.15

**EX CURVE EX171CL-2**  
 PI STA = 84+94.65  
 $\Delta = 1^\circ 48' 00''$  (RT)  
 D = 4° 00' 00"  
 R = 1,432.39'  
 T = 22.50'  
 L = 45.00'  
 E = 0.18'  
 e = 5.1%  
 PCC STA = 84+72.15  
 PCC STA = 85+17.15

**EX CURVE EX171CL-3**  
 PI STA = 89+54.02  
 $\Delta = 8^\circ 43' 14''$  (RT)  
 D = 1° 00' 00"  
 R = 5,729.58'  
 T = 436.87'  
 L = 872.06'  
 E = 16.63'  
 e = 2.1%  
 PCC STA = 85+17.15  
 PT STA = 93+89.20

**EX CURVE RAMP-K-1**  
 PI STA = 18+40.66  
 $\Delta = 8^\circ 00' 00''$  (LT)  
 D = 8° 00' 00"  
 R = 716.20'  
 T = 50.08'  
 L = 100.00'  
 E = 1.75'  
 e = -----  
 PC STA = 17+90.58  
 PT STA = 18+90.58

**EX CURVE RAMP-K-2**  
 PI STA = 22+62.79  
 $\Delta = 27^\circ 05' 19''$  (RT)  
 D = 8° 00' 00"  
 R = 716.20'  
 T = 172.53'  
 L = 338.61'  
 E = 20.49'  
 e = -----  
 PC STA = 20+90.26  
 PT STA = 24+28.87

**PR CURVE PRRAMPK-1**  
 PI STA = 17+59.11  
 $\Delta = 9^\circ 08' 46''$  (LT)  
 D = 4° 46' 29"  
 R = 1,200.00'  
 T = 95.98'  
 L = 191.55'  
 E = 3.83'  
 e = 2.1%  
 PC STA = 16+63.13  
 PT STA = 18+54.68

FILE NAME =	DESIGNED - AAA	REVISED -
... \D160J16-sht-elgn-02.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -

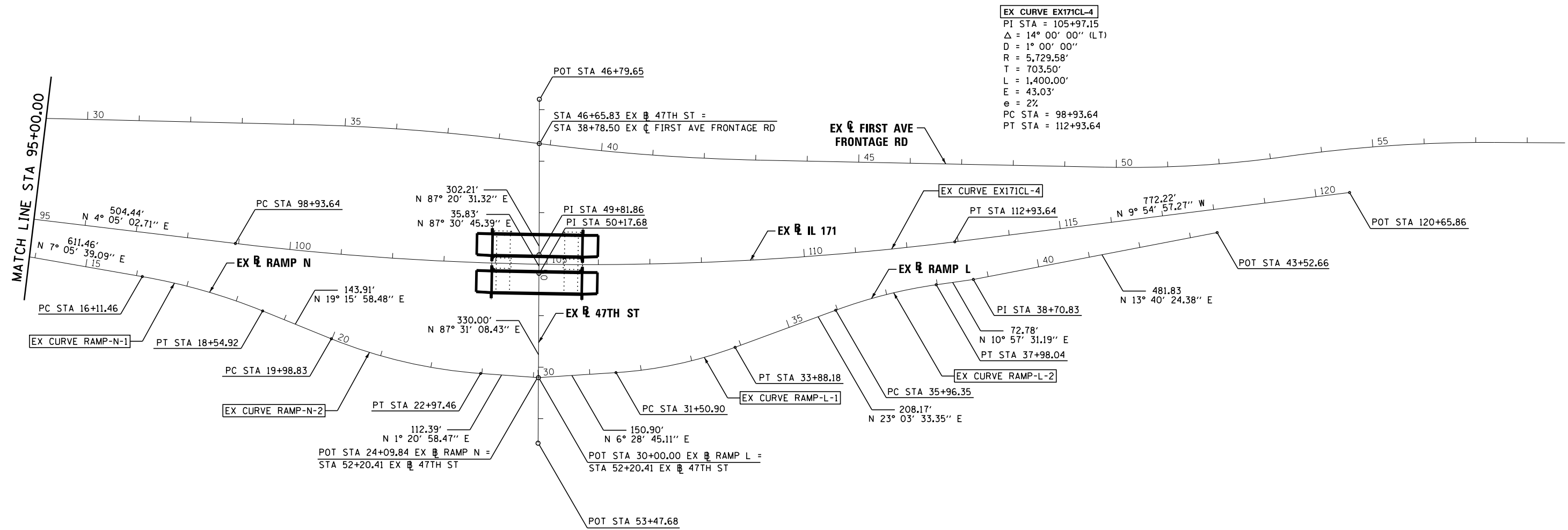


STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	33
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**EX CURVE EX171CL-4**  
 PI STA = 105+97.15  
 $\Delta = 14^\circ 00' 00''$  (LT)  
 D =  $1^\circ 00' 00''$   
 R = 5,729.58'  
 T = 703.50'  
 L = 1,400.00'  
 E = 43.03'  
 $e = 2\%$   
 PC STA = 98+93.64  
 PT STA = 112+93.64

**EX CURVE RAMP-N-1**  
 PI STA = 17+33.65  
 $\Delta = 12^\circ 10' 19''$  (RT)  
 D =  $4^\circ 59' 59''$   
 R = 1,146.00'  
 T = 122.19'  
 L = 243.46'  
 E = 6.50'  
 PC STA = 16+11.46  
 PT STA = 18+54.92

**EX CURVE RAMP-N-2**  
 PI STA = 21+49.37  
 $\Delta = 17^\circ 55' 00''$  (LT)  
 D =  $5^\circ 59' 58''$   
 R = 955.00'  
 T = 150.55'  
 L = 298.63'  
 E = 11.79'  
 PC STA = 19+98.83  
 PT STA = 22+97.46

**EX CURVE RAMP-L-1**  
 PI STA = 32+70.37  
 $\Delta = 16^\circ 34' 48''$  (LT)  
 D =  $6^\circ 59' 14''$   
 R = 820.00'  
 T = 119.48'  
 L = 237.29'  
 E = 8.66'  
 PC STA = 31+50.90  
 PT STA = 33+88.18

**EX CURVE RAMP-L-2**  
 PI STA = 36+97.57  
 $\Delta = 12^\circ 06' 02''$  (RT)  
 D =  $5^\circ 59' 58''$   
 R = 955.00'  
 T = 101.22'  
 L = 201.69'  
 E = 5.35'  
 PC STA = 35+96.35  
 PT STA = 37+98.04

FILE NAME =	DESIGNED - AAA	REVISED -
... \D160J16-sht-align-01.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -

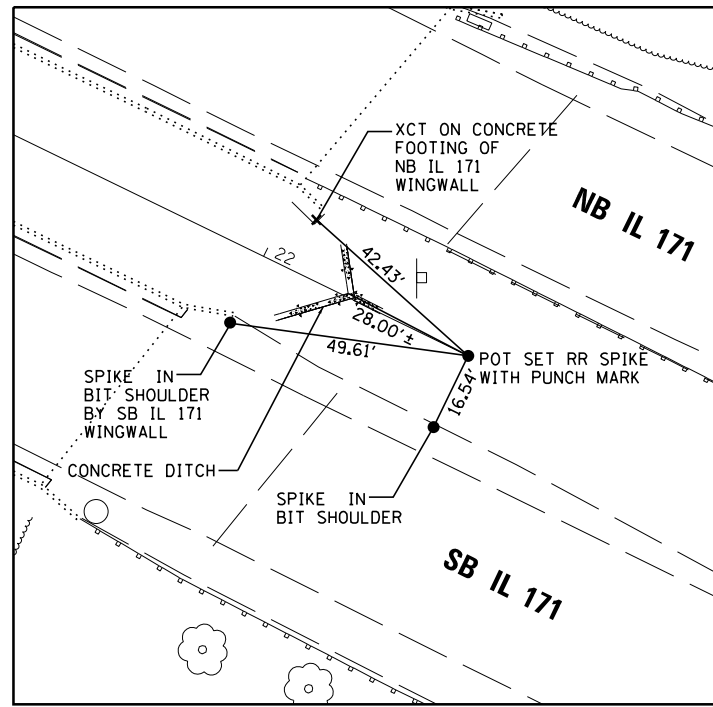


**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

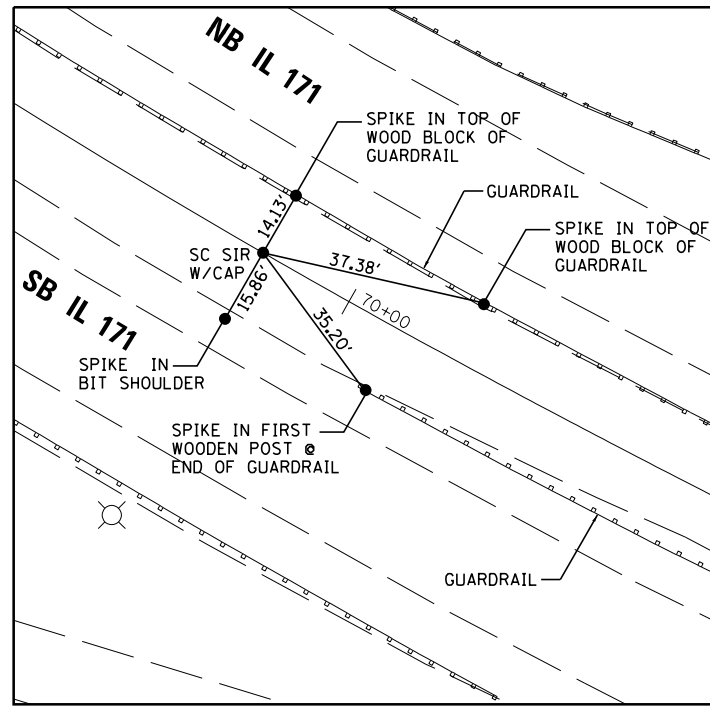
**ALIGNMENT PLAN**

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

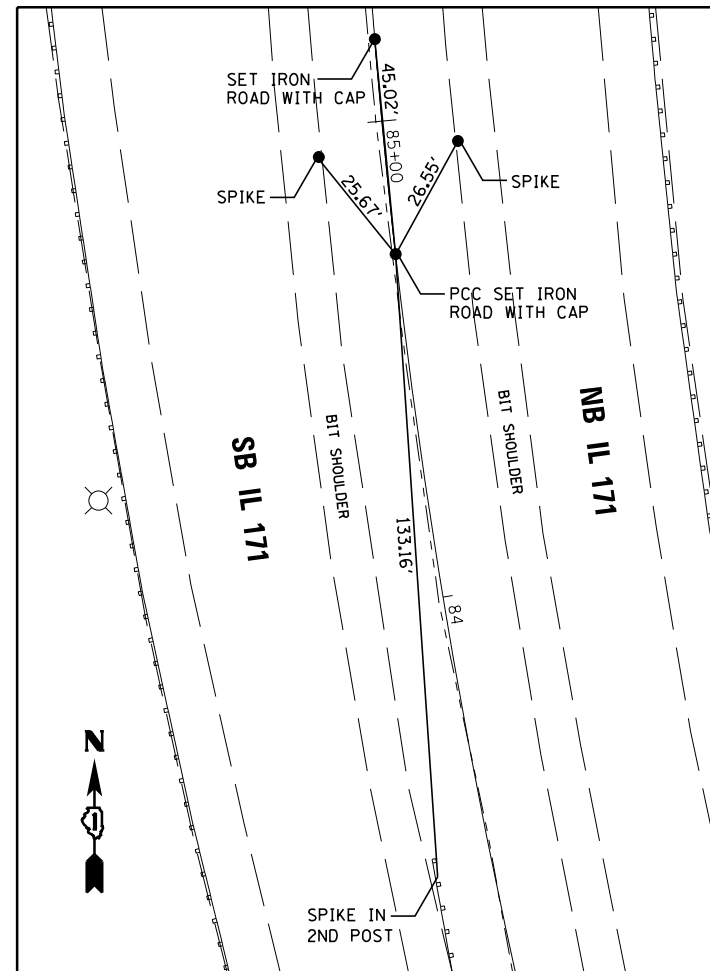
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	34
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



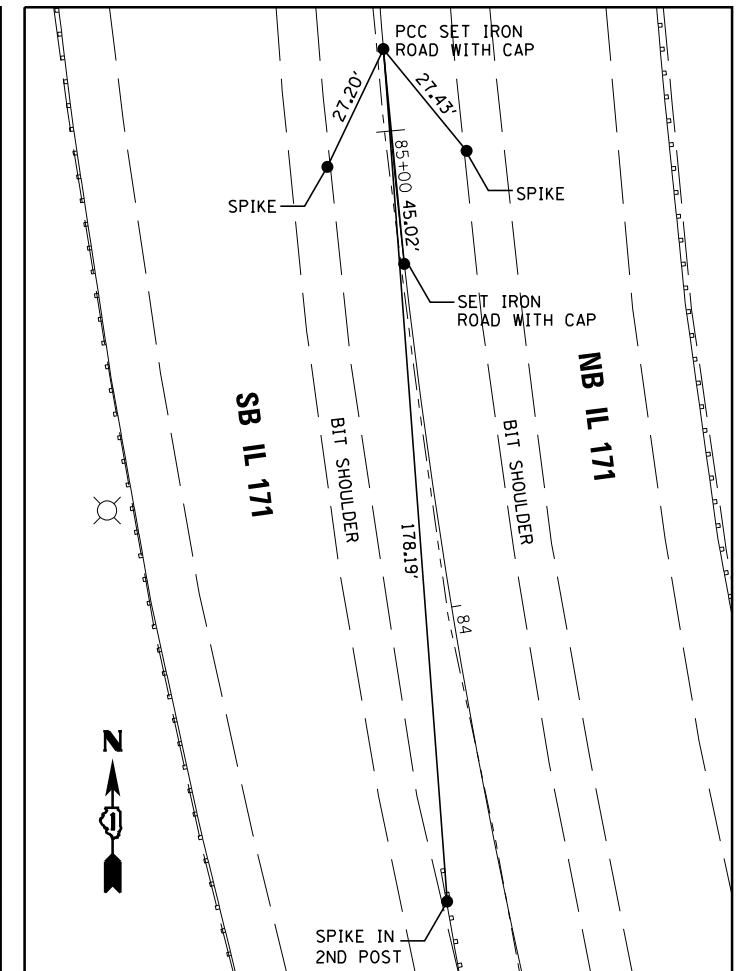
**POT STA 21+52.58**  
 SET RR SPIKE WITH PUNCH MARK  
 N 1866909.96, E 1125741.59



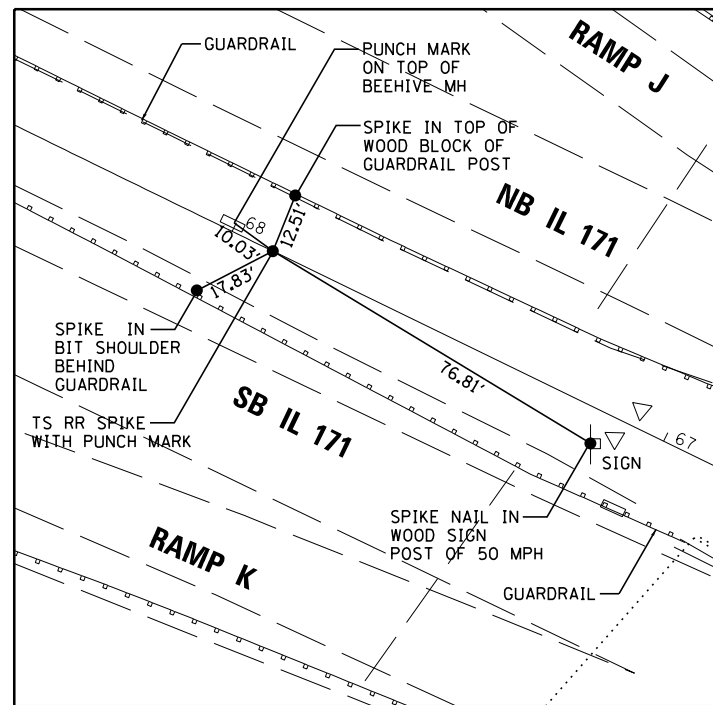
**SC STA 70+20.58**  
 SET SIR W/CAP  
 N 1869043.66, E 1121366.25



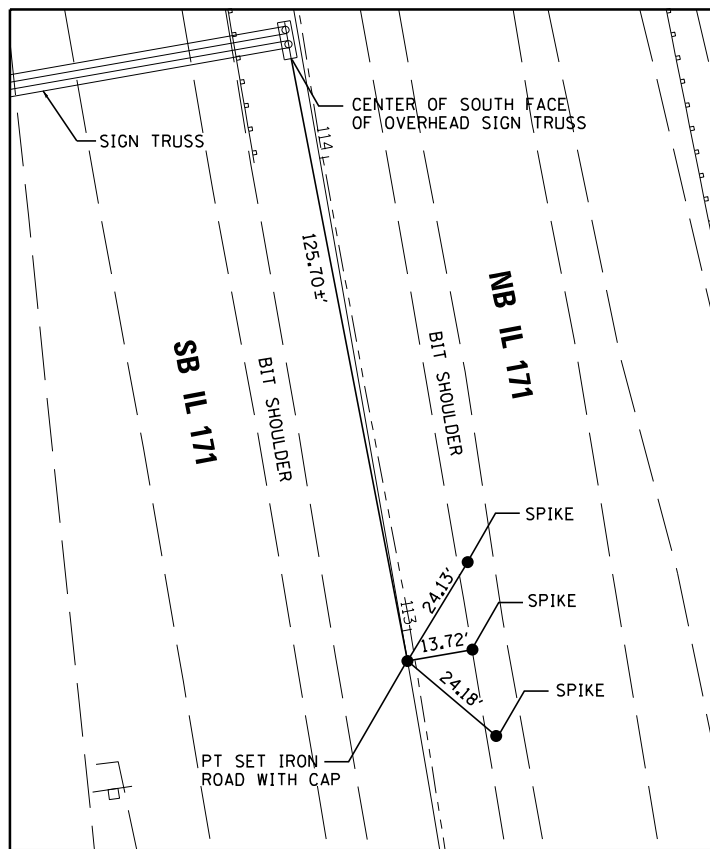
**PCC STA 84+72.15**  
 SET SIR W/CAP  
 N 1870202.69, E 1120581.11



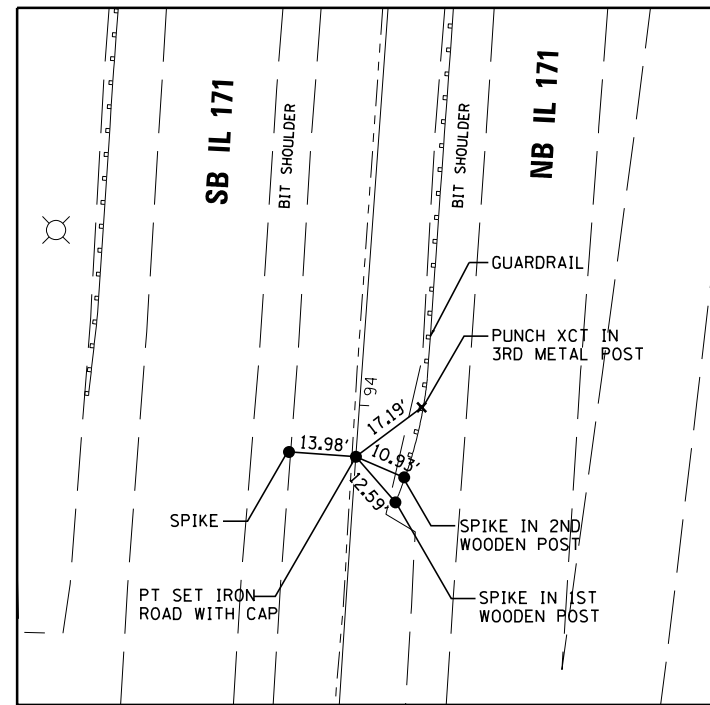
**PCC STA 85+17.15**  
 SET SIR W/CAP  
 N 1870247.48, E 1120576.77



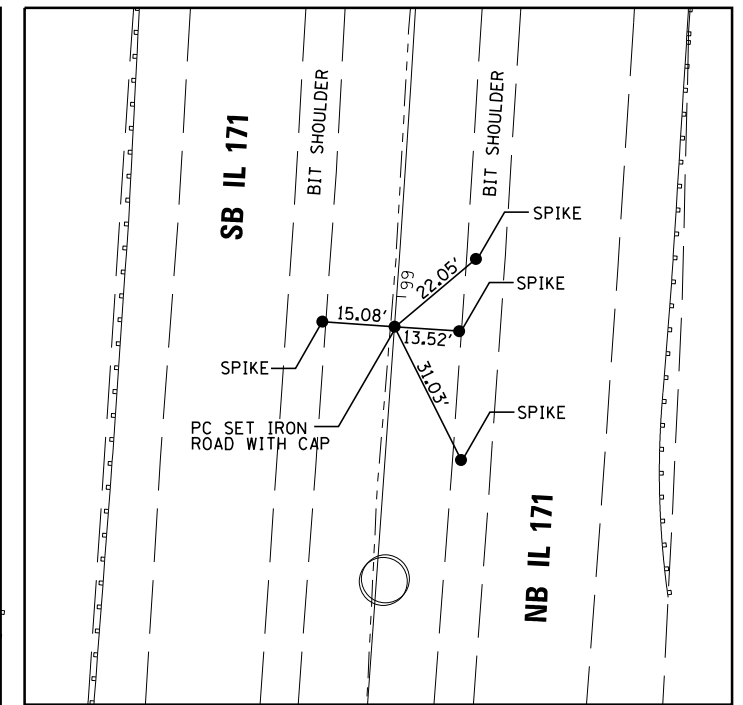
**TS STA 67+90.58**  
 SET RR SPIKE WITH PUNCH MARK  
 N 1868938.29, E 1121570.63



**PT STA 112+93.64**  
 SET SIR W/CAP  
 N 1873016.55, E 1120537.46



**PT STA 93+89.20**  
 SET SIR W/CAP  
 N 1871118.68, E 1120572.57



**PC STA 98+93.64**  
 SET SIR W/CAP  
 N 1871621.84, E 1120608.50

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-align-ties-01.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES

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

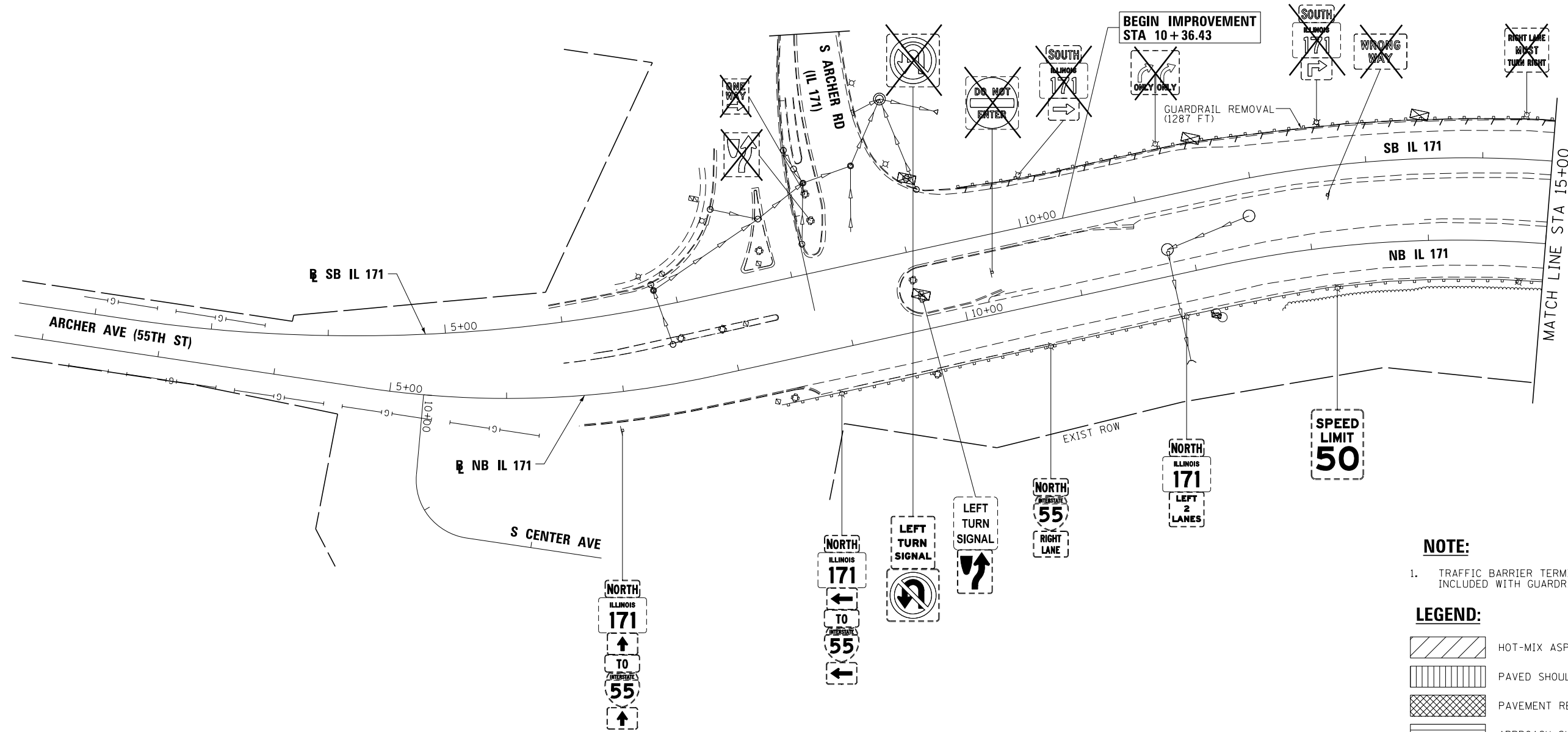
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	35
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

COORDINATE DATA			
STATION	NORTHING	EASTING	REMARKS
4+70.71	1,867,099.34	1,127,315.07	PI EX CURVE EX171SB-1
2+24.90	1,867,112.24	1,127,560.54	PC EX CURVE EX171SB-1
7+11.08	1,866,999.85	1,127,090.29	PT EX CURVE EX171SB-1
16+33.56	1,866,626.50	1,126,246.74	PI EX CURVE EX171SB-2
11+69.29	1,866,814.40	1,126,671.28	PC EX CURVE EX171SB-2
20+38.60	1,866,829.53	1,125,829.22	PT EX CURVE EX171SB-2
22+44.70	1,867,220.82	1,123,764.70	PI EX CURVE RAMP-F-1
15+98.79	1,866,729.70	1,123,345.16	PC EX CURVE RAMP-F-1
28+44.49	1,867,356.47	1,124,396.20	PCC EX CURVE RAMP-F-1/RAMP-E-4
30+28.04	1,867,395.02	1,124,575.66	PI EX CURVE RAMP-F-2
31+98.81	1,867,318.07	1,124,742.30	PT EX CURVE RAMP-F-2
111+83.08	1,867,368.84	1,123,232.98	PI EX CURVE RAMP-E-3
109+73.61	1,867,546.88	1,123,122.63	PC EX CURVE RAMP-E-3
113+65.27	1,867,340.08	1,123,440.46	PCC EX CURVE RAMP-E-3/RAMP-E-4
119+71.91	1,867,256.76	1,124,041.36	PI EX CURVE RAMP-E-4
125+40.06	1,867,535.47	1,124,580.19	PT EX CURVE RAMP-E-4
198+45.45	1,868,443.65	1,122,455.16	PI PR CURVE PRRAMPEREV-1
197+17.36	1,868,499.66	1,122,339.97	PC PR CURVE PRRAMPEREV-1
199+72.80	1,868,367.32	1,122,558.02	PCC PR CURVE PRRAMPEREV-1/PRRAMPEREV-2
201+04.82	1,868,288.65	1,122,664.05	PI PR CURVE PRRAMPEREV-2
202+33.70	1,868,176.44	1,122,733.60	PT PR CURVE PRRAMPEREV-2
211+00.47	1,867,439.71	1,123,190.23	PI PR CURVE PRRAMPE-7
209+81.43	1,867,540.89	1,123,127.52	PC PR CURVE PRRAMPE-7
212+16.32	1,867,370.93	1,123,287.39	PCC PR CURVE PRRAMPE-7/PRRAMPEREV-3
214+95.20	1,867,209.80	1,123,515.01	PI PR CURVE PRRAMPEREV-3
217+38.43	1,867,279.92	1,123,784.93	PT PR CURVE PRRAMPEREV-3
223+63.71	1,867,437.15	1,124,390.12	PI PR CURVE PRRAMPE-4
221+49.72	1,867,383.34	1,124,183.00	PC PR CURVE PRRAMPE-4
225+75.93	1,867,535.47	1,124,580.19	PCC PR CURVE PRRAMPE-4/PRRAMPEREV-3
228+18.90	1,867,647.09	1,124,796.00	PI PR CURVE PRRAMPE-5
230+34.94	1,867,880.43	1,124,863.73	PT PR CURVE PRRAMPE-5
238+46.19	1,868,659.54	1,125,089.85	PI PR CURVE PRRAMPE-6
233+57.17	1,868,189.89	1,124,953.54	PC PR CURVE PRRAMPE-6
242+42.88	1,868,772.88	1,125,565.56	PT PR CURVE PRRAMPE-6
13+27.00	1,867,518.49	1,123,652.78	PI EX CURVE RAMP-G-1
12+23.28	1,867,603.90	1,123,711.63	PC EX CURVE RAMP-G-1
14+26.83	1,867,469.29	1,123,561.47	PCC EX CURVE RAMP-G-1/RAMP-G-2
17+25.56	1,867,327.61	1,123,298.48	PI EX CURVE RAMP-G-2
18+47.58	1,867,618.09	1,123,228.74	PCC EX CURVE RAMP-G-2/RAMP-G-3
21+46.30	1,867,908.56	1,123,159.00	PI EX CURVE RAMP-G-3
22+68.32	1,867,901.72	1,123,457.65	PCC EX CURVE RAMP-G-3/RAMP-G-4
23+57.67	1,867,899.67	1,123,546.99	PI EX CURVE RAMP-G-4
24+44.52	1,867,862.21	1,123,628.10	PT EX CURVE RAMP-G-4

COORDINATE DATA CONT			
STATION	NORTHING	EASTING	REMARKS
112+27.49	1,867,305.40	1,123,209.81	PI EX CURVE RAMP-H-1
110+58.92	1,867,455.88	1,123,133.83	PC EX CURVE RAMP-H-1
113+91.42	1,867,137.14	1,123,220.15	PT EX CURVE RAMP-H-1
18+40.66	1,868,896.21	1,121,494.80	PI EX CURVE RAMP-K-1
17+90.58	1,868,875.21	1,121,540.27	PC EX CURVE RAMP-K-1
18+90.58	1,868,910.67	1,121,446.85	PT EX CURVE RAMP-K-1
22+62.79	1,869,018.18	1,121,090.51	PI EX CURVE RAMP-K-2
20+90.26	1,868,968.35	1,121,255.68	PC EX CURVE RAMP-K-2
24+28.87	1,869,137.76	1,120,966.14	PT EX CURVE RAMP-K-2
17+59.11	1,868,872.58	1,121,573.11	PI PR CURVE PRRAMPK-1
16+63.13	1,868,830.61	1,121,659.43	PC PR CURVE PRRAMPK-1
18+54.68	1,868,900.30	1,121,481.22	PT PR CURVE PRRAMPK-1
74+77.72	1,869,271.95	1,120,970.19	PI EX CURVE EX171CL
70+20.58	1,869,043.66	1,121,366.25	PC EX CURVE EX171CL
79+12.15	1,869,672.40	1,120,749.70	PCC EX CURVE EX171CL/EX171CL-1
81+95.77	1,869,920.85	1,120,612.91	PI EX CURVE EX171CL-1
84+72.15	1,870,202.69	1,120,581.11	PCC EX CURVE EX171CL-1/EX171CL-2
84+94.65	1,870,225.05	1,120,578.59	PI EX CURVE EX171CL-2
85+17.15	1,870,247.48	1,120,576.77	PCC EX CURVE EX171CL-2/EX171CL-3
89+54.02	1,870,682.92	1,120,541.46	PI EX CURVE EX171CL-3
93+89.20	1,871,118.68	1,120,572.57	PT EX CURVE EX171CL-3
17+33.65	1,871,565.79	1,120,696.52	PI EX CURVE RAMP-N-1
16+11.46	1,871,444.54	1,120,681.43	PC EX CURVE RAMP-N-1
18+54.92	1,871,681.14	1,120,736.84	PT EX CURVE RAMP-N-1
21+49.37	1,871,959.10	1,120,833.99	PI EX CURVE RAMP-N-2
19+98.83	1,871,816.98	1,120,784.32	PC EX CURVE RAMP-N-2
22+97.46	1,872,109.60	1,120,837.54	PT EX CURVE RAMP-N-2
32+70.37	1,872,490.60	1,120,809.68	PI EX CURVE RAMP-L-1
31+50.90	1,872,371.89	1,120,823.16	PC EX CURVE RAMP-L-1
33+88.18	1,872,600.54	1,120,762.88	PT EX CURVE RAMP-L-1
36+97.57	1,872,885.21	1,120,641.69	PI EX CURVE RAMP-L-2
35+96.35	1,872,792.07	1,120,681.34	PC EX CURVE RAMP-L-2
37+98.04	1,872,984.58	1,120,622.45	PT EX CURVE RAMP-L-2

**BENCHMARKS**

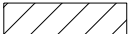


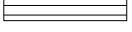

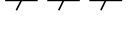



- CHISLED SQUARE ON SW CORNER OF SB IL 171 BRIDGE WINGWALL OVER IC RR EL 629.33
- CHISLED SQUARE ON SE CORNER OF SW WINGWALL OF SN 016-0486 BRIDGE ON LOWEST LEVEL EL 628.20
- CHISLED SQUARE ON WINGWALL ON NE CORNER OF NB IL 171 BRIDGE WALL OVER SANITARY AND SHIP CANAL EL 625.62
- CHISLED SQUARE ON SW CORNER OF SB IL 171 BRIDGE WINGWALL OVER DES PLAINES RIVER EL 622.14
- CHISLED SQUARE ON NE CORNER OF NB IL 171 BRIDGE WALL OVER BNSF RR EL 640.61
- CHISLED SQUARE ON NW CORNER OF SB IL 171 BRIDGE WALL OVER 47TH ST EL 635.53



**NOTE:**

1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS

**LEGEND:**

-  HOT-MIX ASPHALT SURFACE REMOVAL, 4"
-  PAVED SHOULDER REMOVAL (RAMP E)
-  PAVEMENT REMOVAL (RAMP E)
-  APPROACH SLAB REMOVAL
-  IMPACT ATTENUATOR REMOVAL
-  REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
-  COMBINATION CURB & GUTTER REMOVAL
-  TREE REMOVAL
-  SIGN TO BE REMOVED

FILE NAME =	DESIGNED - AAA	REVISED -
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PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -

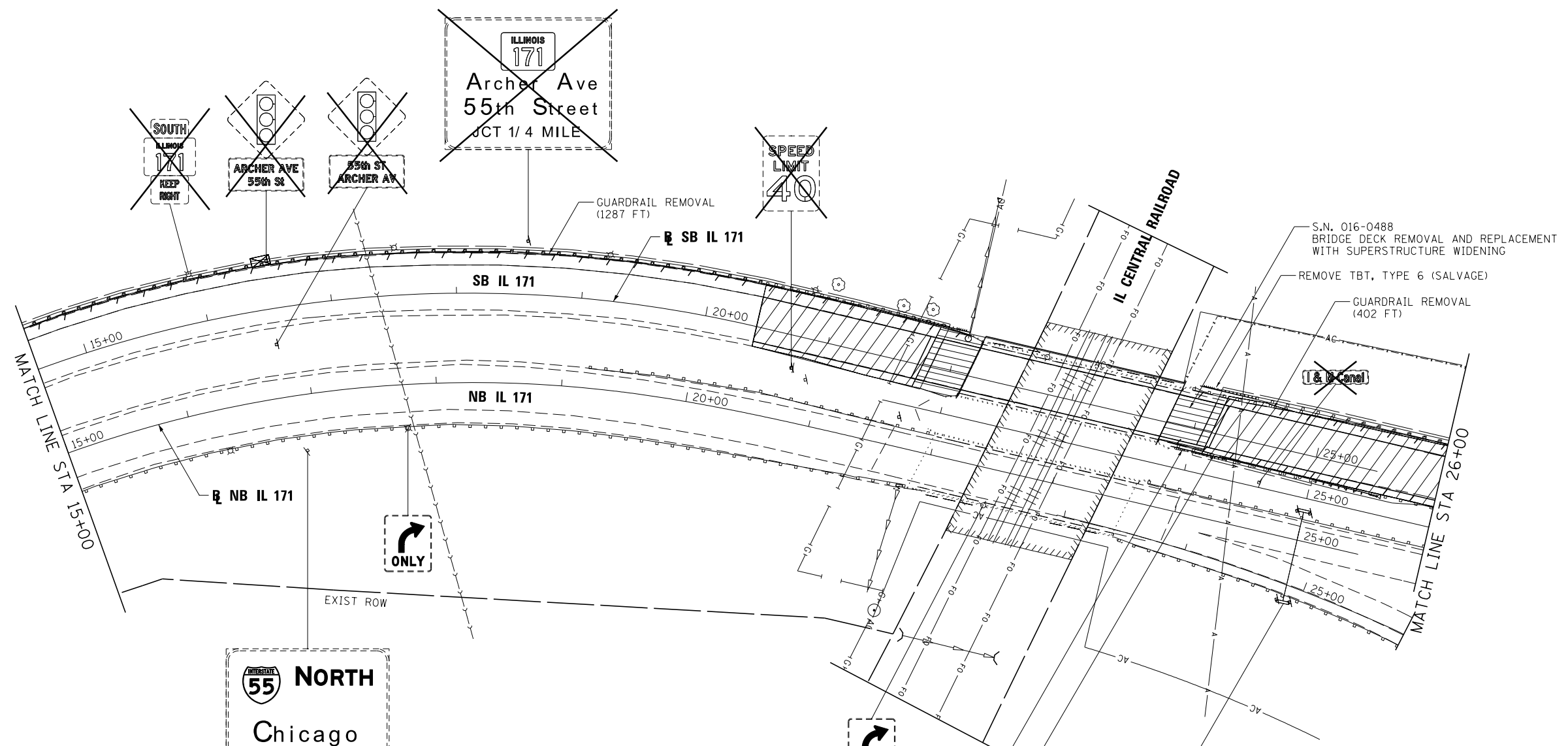


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
IL 171**

SCALE: 1"=50' SHEET 1 OF 12 SHEETS STA. 10+36.43 TO STA. 15+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	37
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**NOTE:**  
 1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS

- LEGEND:**
- HOT-MIX ASPHALT SURFACE REMOVAL, 4"
  - PAVED SHOULDER REMOVAL (RAMP E)
  - PAVEMENT REMOVAL (RAMP E)
  - APPROACH SLAB REMOVAL
  - IMPACT ATTENUATOR REMOVAL
  - REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
  - COMBINATION CURB & GUTTER REMOVAL
  - TREE REMOVAL
  - SIGN TO BE REMOVED

**55 NORTH**  
 Chicago  
 RIGHT LANE  
 EXIT ONLY

Joliet Rd  
 3/4 MILE

**55 SOUTH**  
 St Louis  
 NEXT RIGHT

**55 NORTH**  
 Chicago  
 EXIT ↓ ONLY

FILE NAME =	DESIGNED - AAA	REVISED -
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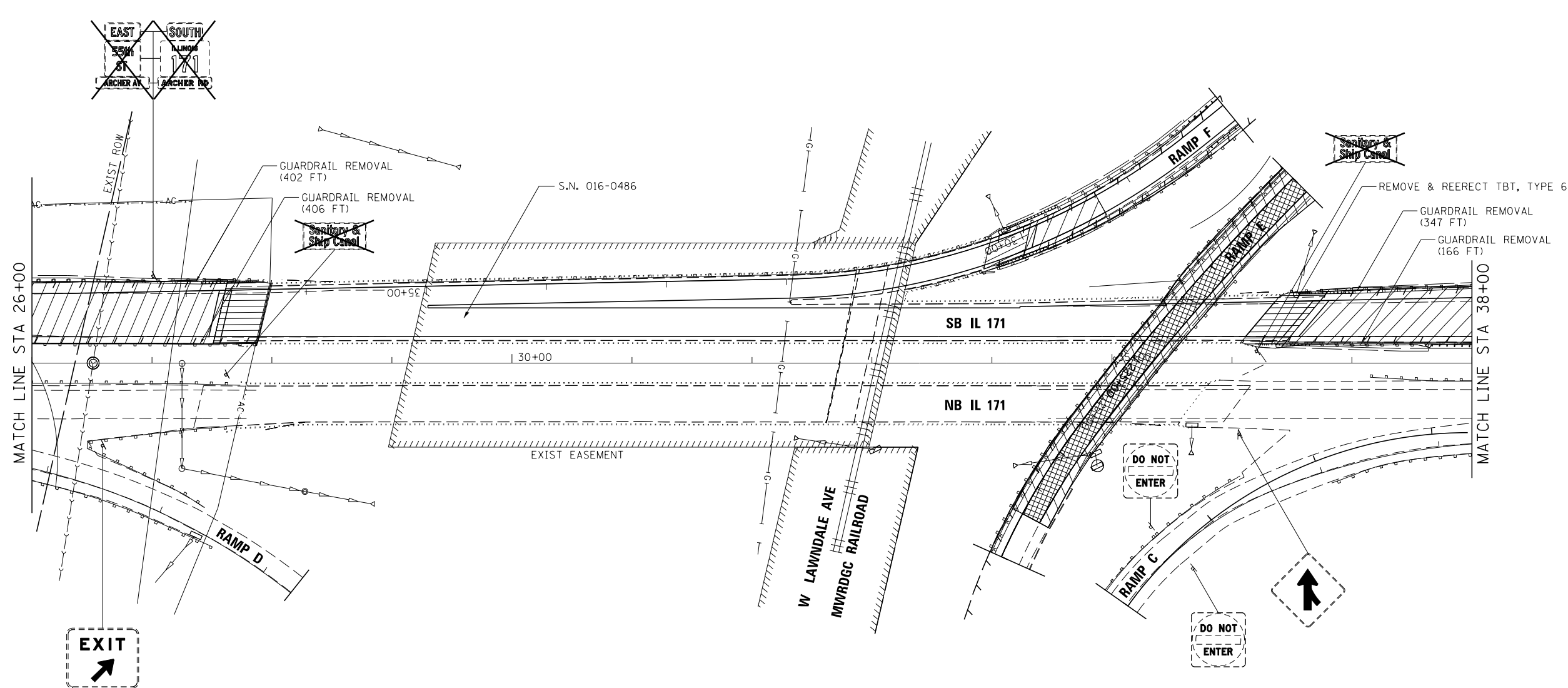


STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN  
 IL 171

SCALE: 1"=50' SHEET 2 OF 12 SHEETS STA. 15+00.00 TO STA. 26+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	38
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**NOTE:**

1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS

**LEGEND:**

- HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- PAVED SHOULDER REMOVAL (RAMP E)
- PAVEMENT REMOVAL (RAMP E)
- APPROACH SLAB REMOVAL
- IMPACT ATTENUATOR REMOVAL
- REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
- COMBINATION CURB & GUTTER REMOVAL
- TREE REMOVAL
- SIGN TO BE REMOVED

FILE NAME =	DESIGNED - AAA	REVISED -
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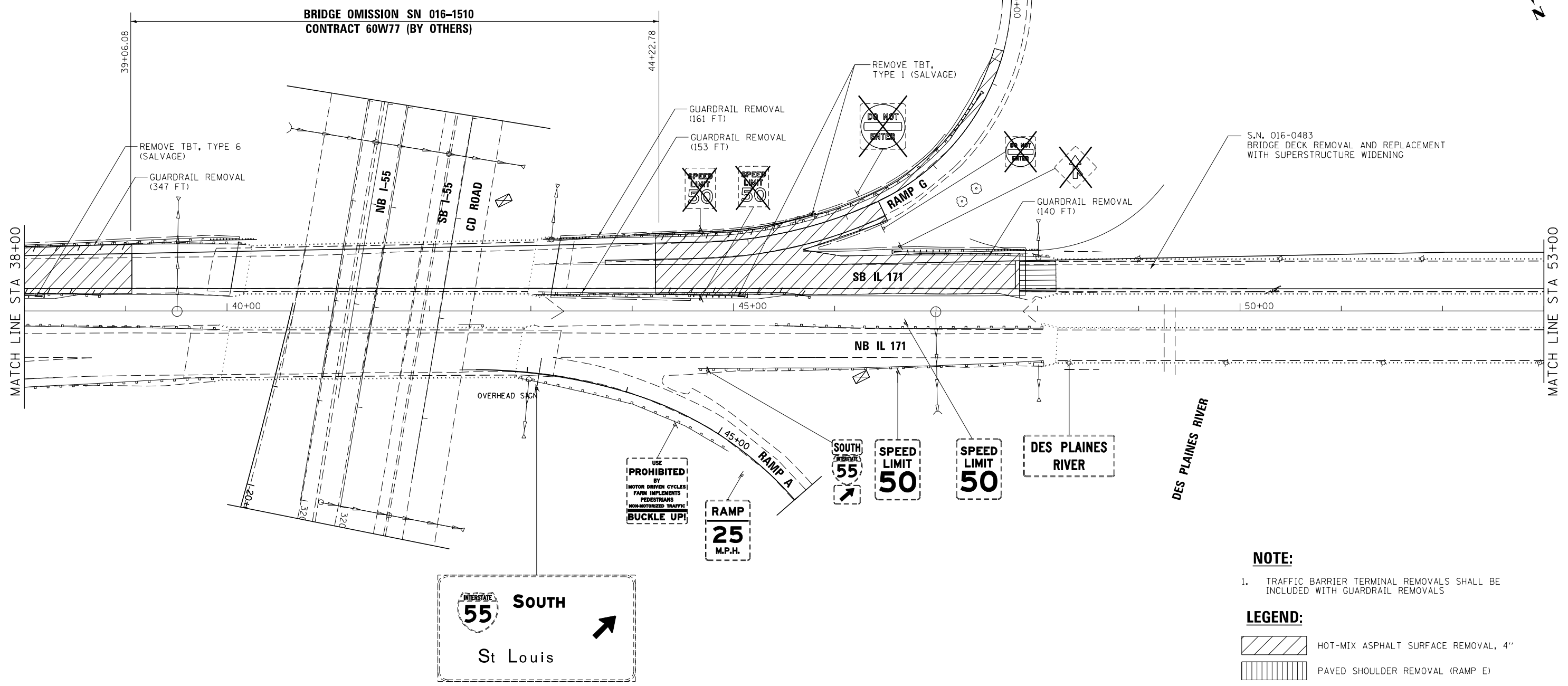


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN  
IL 171

SCALE: 1"=50' SHEET 3 OF 12 SHEETS STA. 26+00.00 TO STA. 38+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	39
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**NOTE:**  
 1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS

- LEGEND:**
- HOT-MIX ASPHALT SURFACE REMOVAL, 4"
  - PAVED SHOULDER REMOVAL (RAMP E)
  - PAVEMENT REMOVAL (RAMP E)
  - APPROACH SLAB REMOVAL
  - IMPACT ATTENUATOR REMOVAL
  - REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
  - COMBINATION CURB & GUTTER REMOVAL
  - TREE REMOVAL
  - SIGN TO BE REMOVED

FILE NAME =	DESIGNED - AAA	REVISED -
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USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -



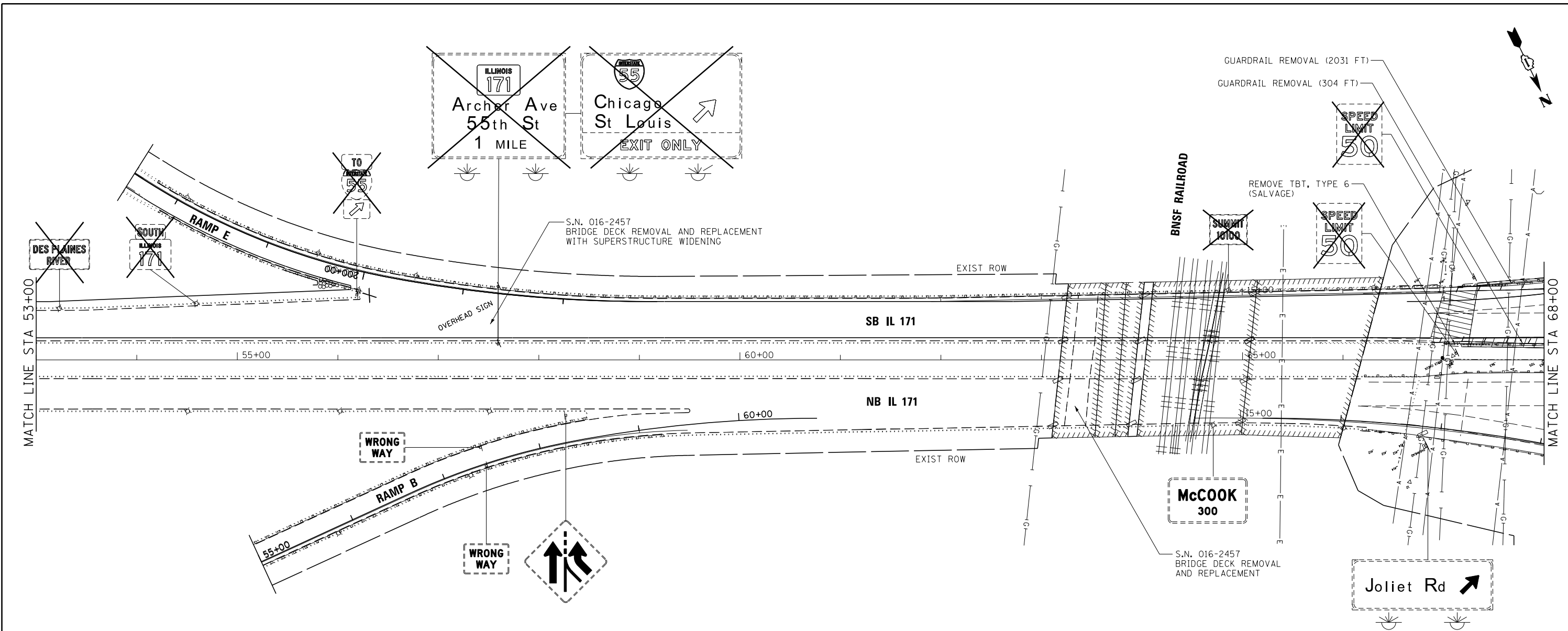
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN  
 IL 171

SCALE: 1"=50' SHEET 4 OF 12 SHEETS STA. 38+00.00 TO STA. 53+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	40
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

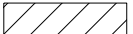


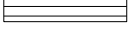

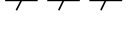







**NOTE:**

1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS

**LEGEND:**

-  HOT-MIX ASPHALT SURFACE REMOVAL, 4"
-  PAVED SHOULDER REMOVAL (RAMP E)
-  PAVEMENT REMOVAL (RAMP E)
-  APPROACH SLAB REMOVAL
-  IMPACT ATTENUATOR REMOVAL
-  REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
-  COMBINATION CURB & GUTTER REMOVAL
-  TREE REMOVAL
-  SIGN TO BE REMOVED

FILE NAME =	DESIGNED - AAA	REVISED -
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PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -

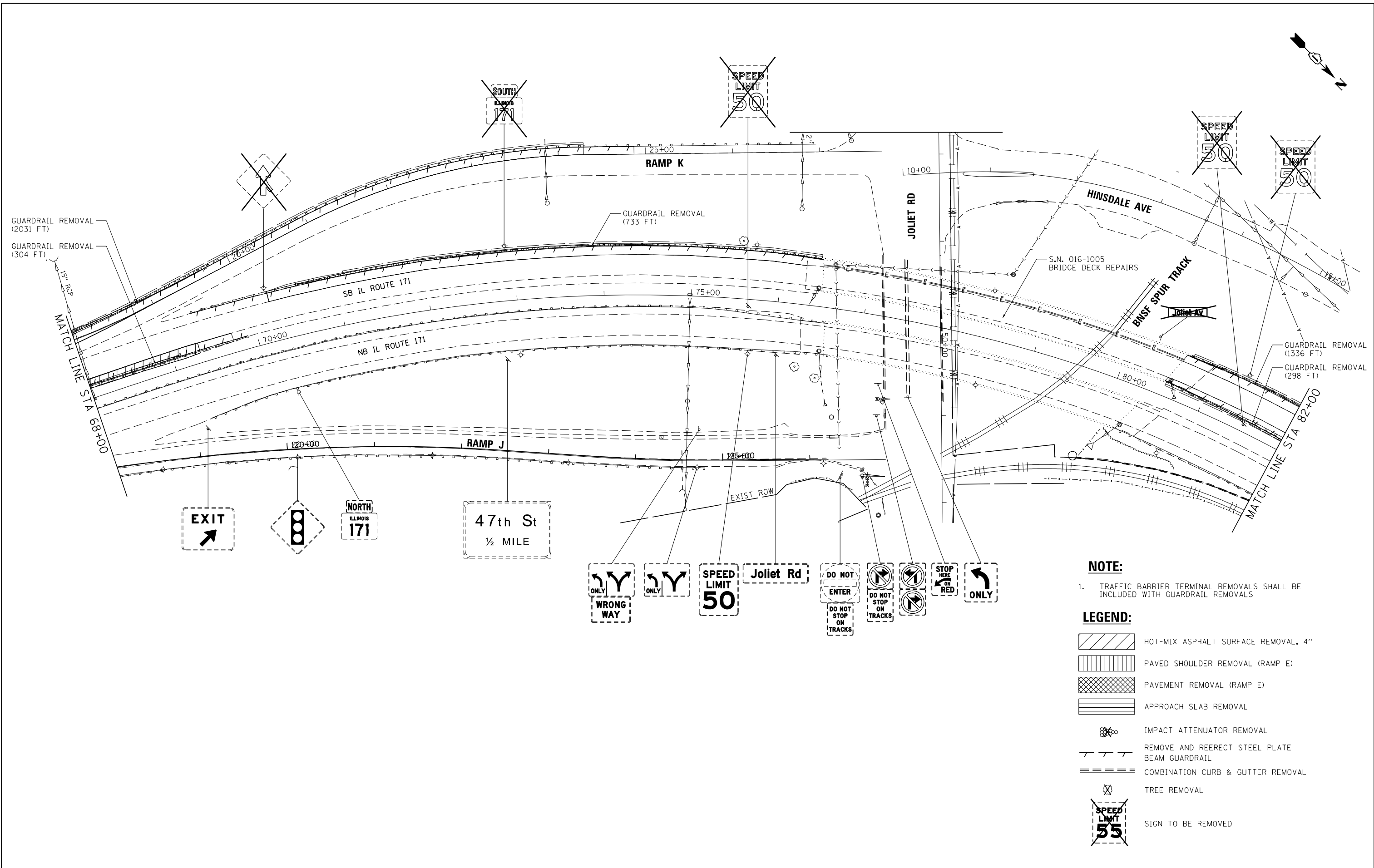


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN  
IL 171

SCALE: 1"=50' SHEET 5 OF 12 SHEETS STA. 53+00.00 TO STA. 68+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	41
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**NOTE:**  
 1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS

- LEGEND:**
- HOT-MIX ASPHALT SURFACE REMOVAL, 4"
  - PAVED SHOULDER REMOVAL (RAMP E)
  - PAVEMENT REMOVAL (RAMP E)
  - APPROACH SLAB REMOVAL
  - IMPACT ATTENUATOR REMOVAL
  - REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
  - COMBINATION CURB & GUTTER REMOVAL
  - TREE REMOVAL
  - SIGN TO BE REMOVED

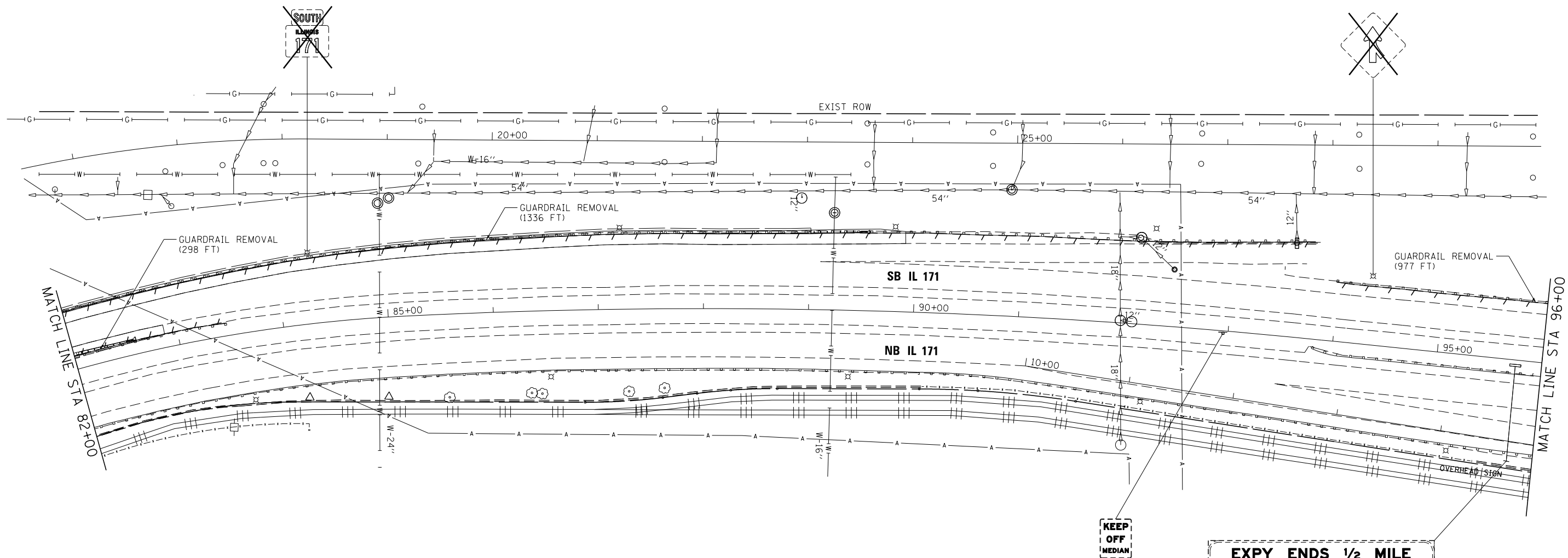
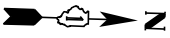
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PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -



**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
 IL 171**  
 SCALE: 1"=50' SHEET 6 OF 12 SHEETS STA. 68+00.00 TO STA. 82+00.00

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	42
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

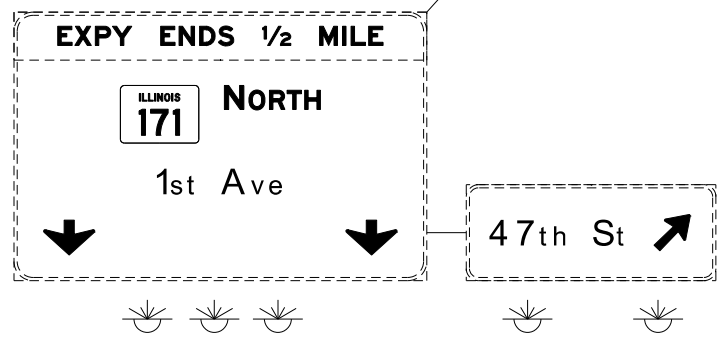


**NOTE:**

1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS

**LEGEND:**

- HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- PAVED SHOULDER REMOVAL (RAMP E)
- PAVEMENT REMOVAL (RAMP E)
- APPROACH SLAB REMOVAL
- IMPACT ATTENUATOR REMOVAL
- REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
- COMBINATION CURB & GUTTER REMOVAL
- TREE REMOVAL
- SIGN TO BE REMOVED



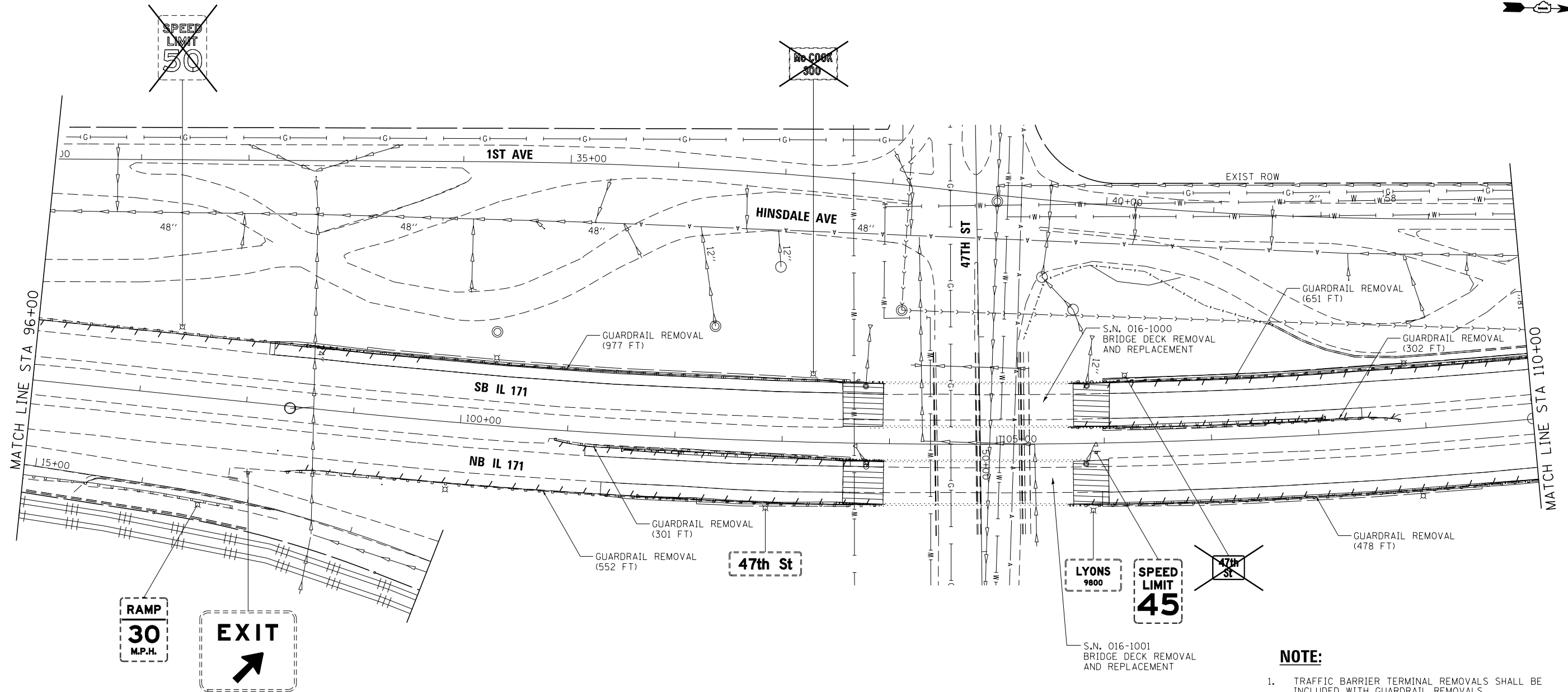
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PLOT DATE = 6/23/2014	CHECKED - JMM	REVISED -
	DATE - 6/23/2014	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL PLAN IL 171</b>		
SCALE: 1"=50'	SHEET 7 OF 12 SHEETS	STA. 82+00.00 TO STA. 96+00.00

F.A.P. RTE. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 43
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**NOTE:**  
 1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS

**LEGEND:**

	HOT-MIX ASPHALT SURFACE REMOVAL, 4"
	PAVED SHOULDER REMOVAL (RAMP E)
	PAVEMENT REMOVAL (RAMP E)
	APPROACH SLAB REMOVAL
	IMPACT ATTENUATOR REMOVAL
	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
	COMBINATION CURB & GUTTER REMOVAL
	TREE REMOVAL
	SIGN TO BE REMOVED

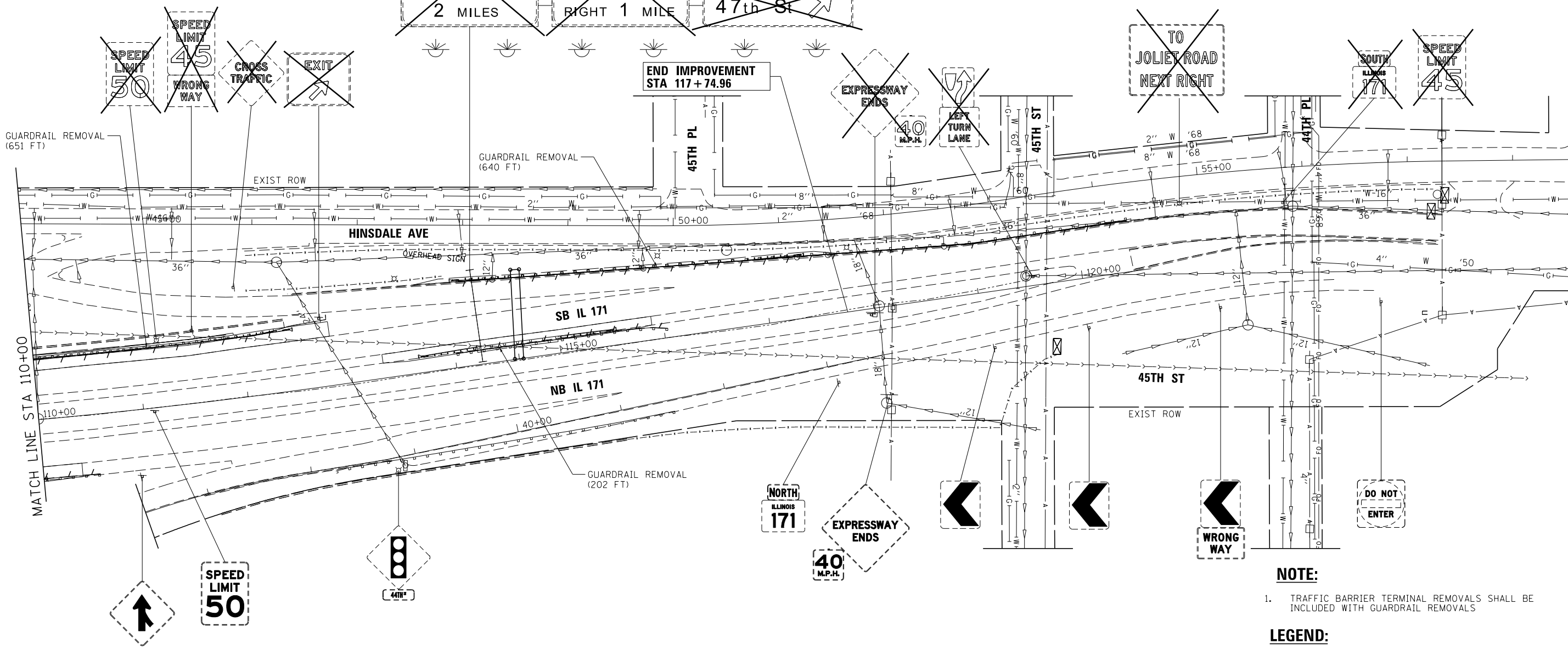
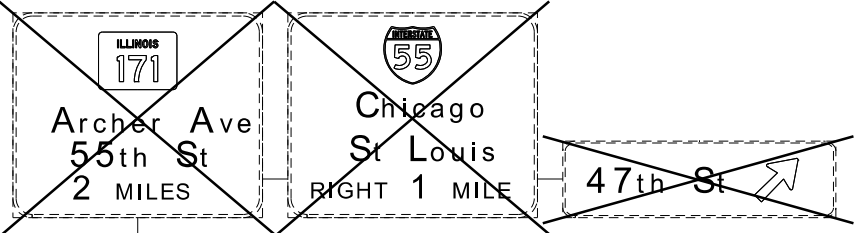
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USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**REMOVAL PLAN**  
**IL 171**  
 SCALE: 1"=50' SHEET 8 OF 12 SHEETS STA. 96+00.00 TO STA. 110+00.00

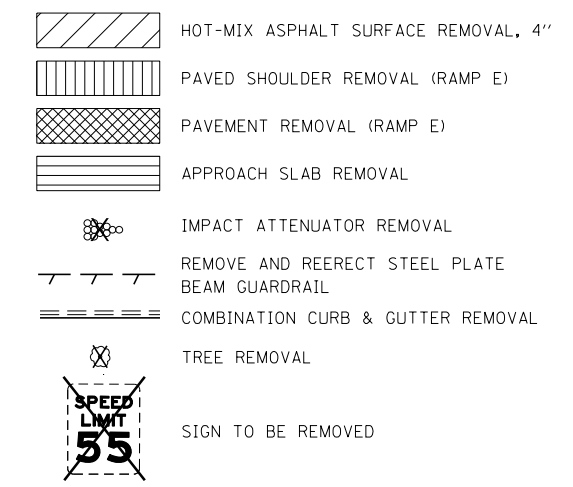
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	44
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**NOTE:**

1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS

**LEGEND:**



FILE NAME =	DESIGNED - AAA	REVISED -
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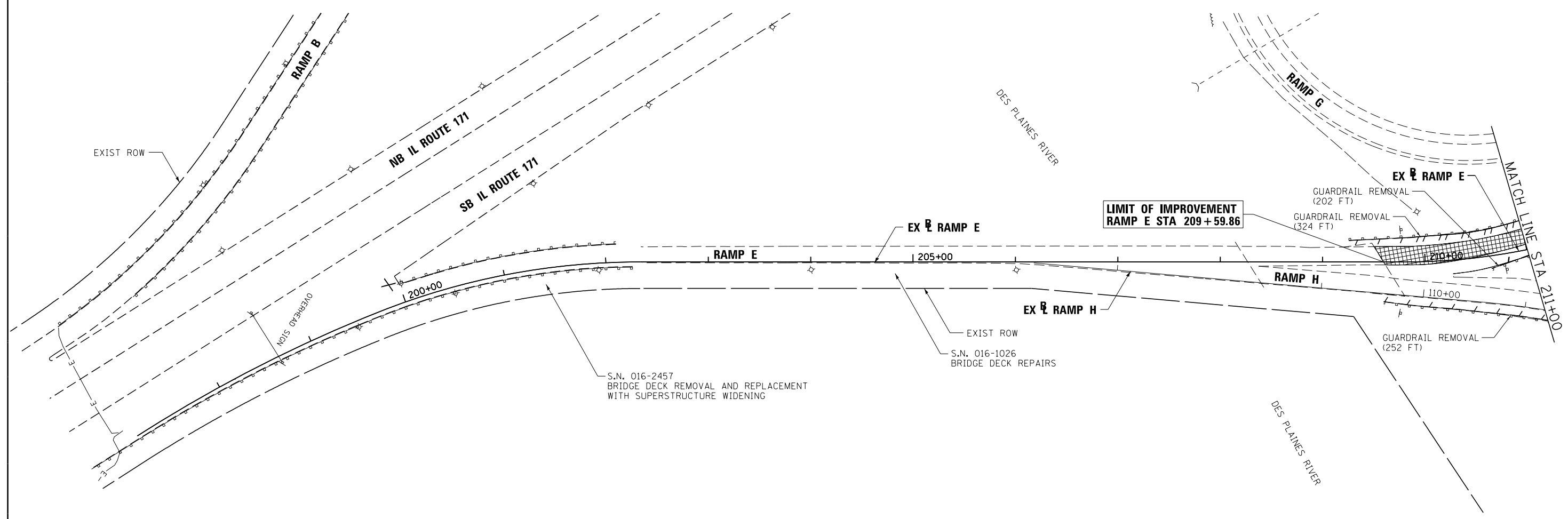
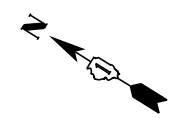


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
IL 171**

SCALE: 1"=50' SHEET 9 OF 12 SHEETS STA. 110+00.00 TO STA. 117+74.96

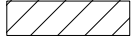


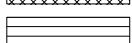

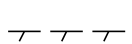
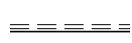


F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	45
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**NOTE:**

1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS

**LEGEND:**

-  HOT-MIX ASPHALT SURFACE REMOVAL, 4"
-  PAVED SHOULDER REMOVAL (RAMP E)
-  PAVEMENT REMOVAL (RAMP E)
-  APPROACH SLAB REMOVAL
-  IMPACT ATTENUATOR REMOVAL
-  REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
-  COMBINATION CURB & GUTTER REMOVAL
-  TREE REMOVAL
-  SIGN TO BE REMOVED

FILE NAME =	DESIGNED - AAA	REVISED -
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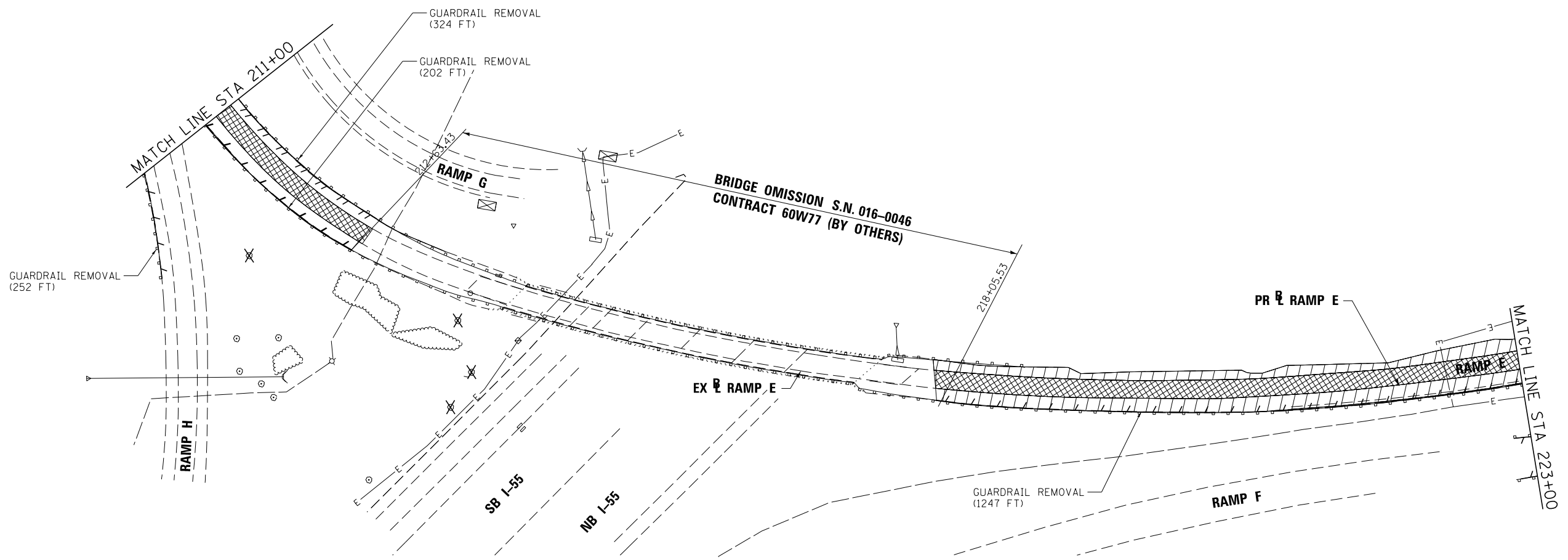


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
RAMP E**

SCALE: 1"=50' SHEET 10 OF 12 SHEETS STA. 209+59.86 TO STA. 211+00.00

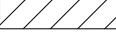


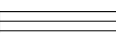

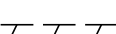
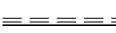


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	46
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**NOTE:**

1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS

**LEGEND:**

-  HOT-MIX ASPHALT SURFACE REMOVAL, 4"
-  PAVED SHOULDER REMOVAL (RAMP E)
-  PAVEMENT REMOVAL (RAMP E)
-  APPROACH SLAB REMOVAL
-  IMPACT ATTENUATOR REMOVAL
-  REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
-  COMBINATION CURB & GUTTER REMOVAL
-  TREE REMOVAL
-  SIGN TO BE REMOVED

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-ramp E3-rem.dgn	DRAWN - TMB	REVISED -
USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -

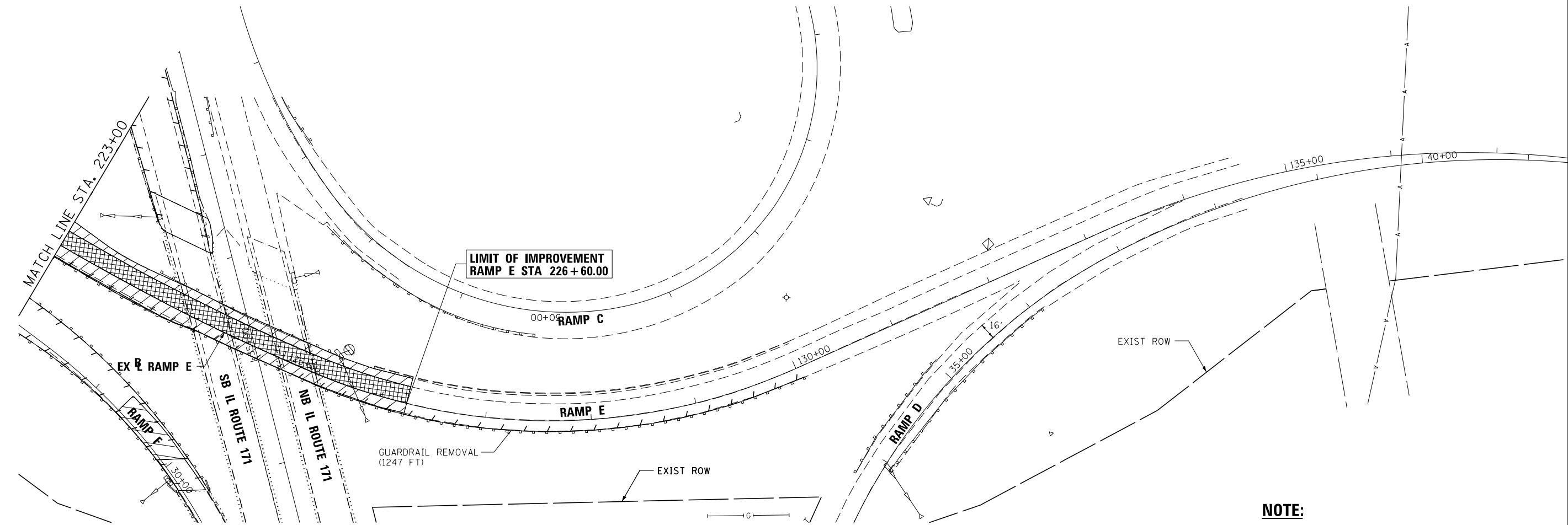
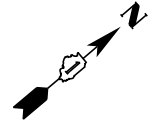


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
RAMP E**

SCALE: 1"=50' SHEET 11 OF 12 SHEETS STA. 211+00.00 TO STA.223+00.00

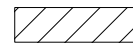


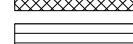
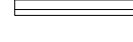

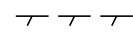
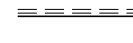

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	47
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**NOTE:**

1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS

**LEGEND:**

-  HOT-MIX ASPHALT SURFACE REMOVAL, 4"
-  PAVED SHOULDER REMOVAL (RAMP E)
-  PAVEMENT REMOVAL (RAMP E)
-  APPROACH SLAB REMOVAL
-  IMPACT ATTENUATOR REMOVAL
-  REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
-  COMBINATION CURB & GUTTER REMOVAL
-  TREE REMOVAL
-  SIGN TO BE REMOVED

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-ramp E2-rem.dgn	DRAWN - TMB	REVISED -
USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
RAMP E**

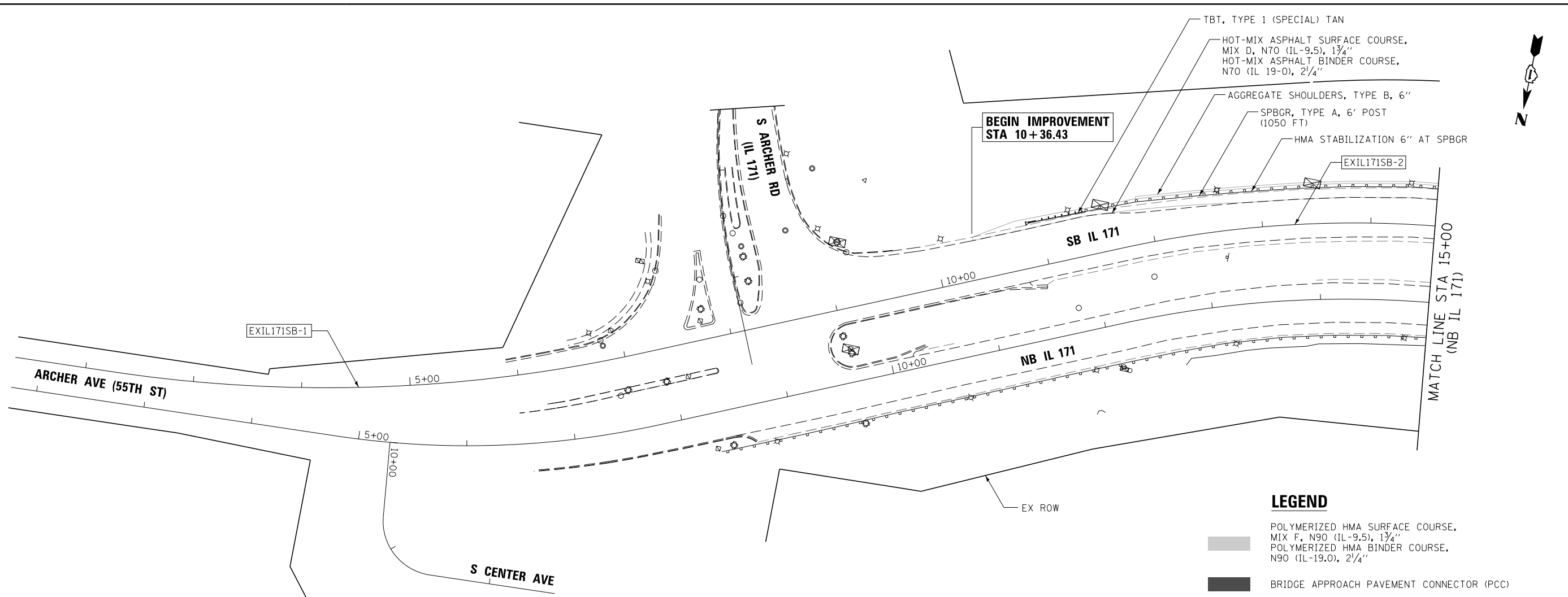
SCALE: 1"=50' SHEET 12 OF 12 SHEETS STA. 223+00.00 TO STA.226+60.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	48
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHECKED	
	NO.	

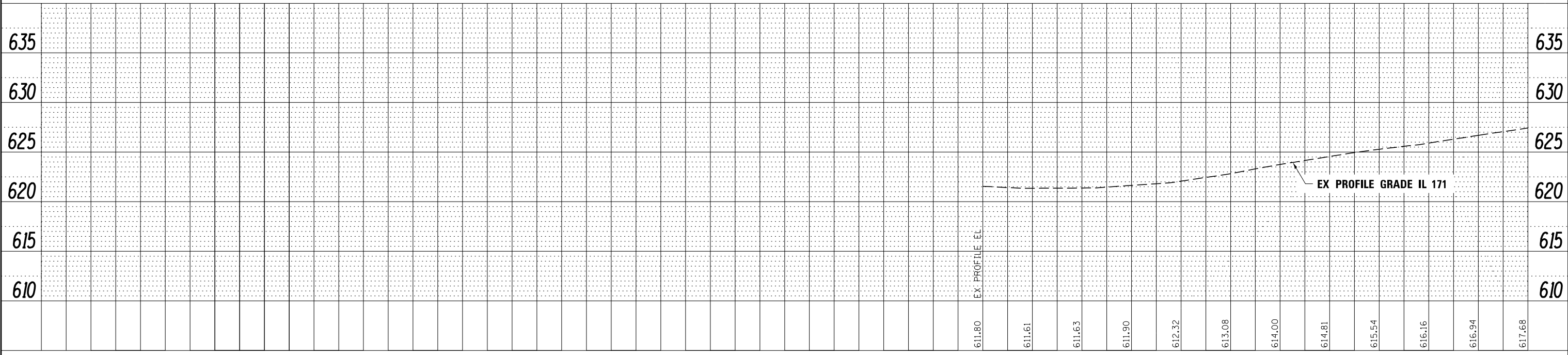


**BEGIN IMPROVEMENT  
STA 10+36.43**

**LEGEND**

- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"
- POLYMERIZED HMA BINDER COURSE, N90 (IL-19.0), 2 1/4"
- BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 2"
- HMA BASE COURSE, 10 3/4"

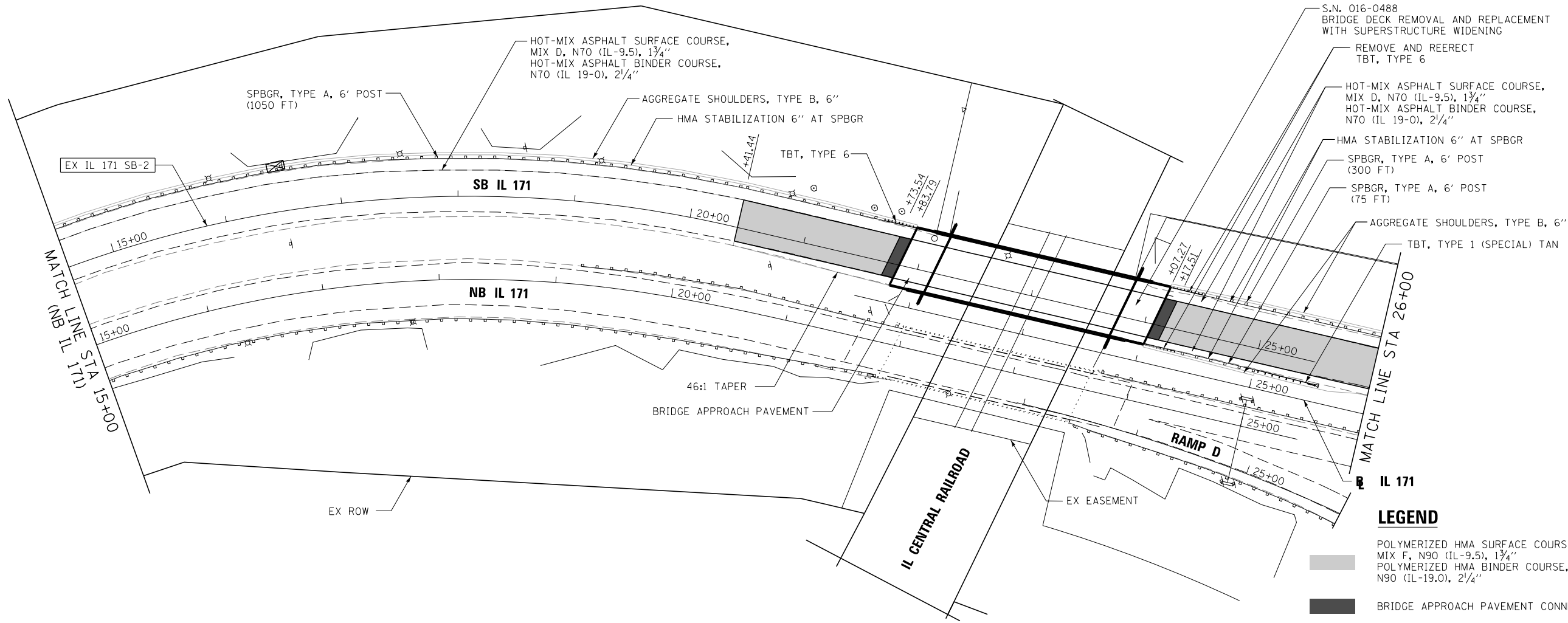
NOTE: SHOULDER TAPER RATES SHOULD FOLLOW HIGHWAY STANDARD 630301 UNLESS OTHERWISE STATED ON THE PLANS.



FILE NAME -	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>				<b>ROADWAY PLAN &amp; PROFILE IL 171</b>				F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160J16-shr-IL171-pln-SB-01.dgn	DRAWN - TMB	REVISED -		SCALE: 1"=50'				SHEET NO. 1 OF 13 SHEETS				372/373	2013-038B-R	COOK	821	49
USER NAME = tblank	CHECKED - JMM	REVISED -		STA. 10+36.43 TO STA. 15+00.00				CONTRACT NO. 60J16				ILLINOIS FED. AID PROJECT				
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -														

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

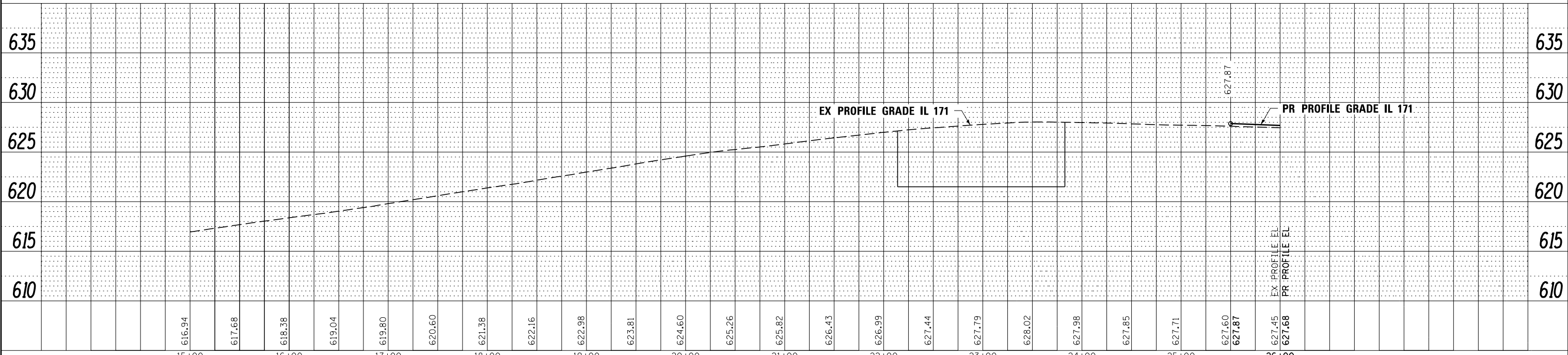
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE	NOTATIONS CHECKED
	NO.	



**LEGEND**

- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"  
POLYMERIZED HMA BINDER COURSE, N90 (IL-19.0), 2 1/4"
- BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 2"  
HMA BASE COURSE, 10 3/4"

NOTE: SHOULDER TAPER RATES SHOULD FOLLOW HIGHWAY STANDARD 630301 UNLESS OTHERWISE STATED ON THE PLANS.



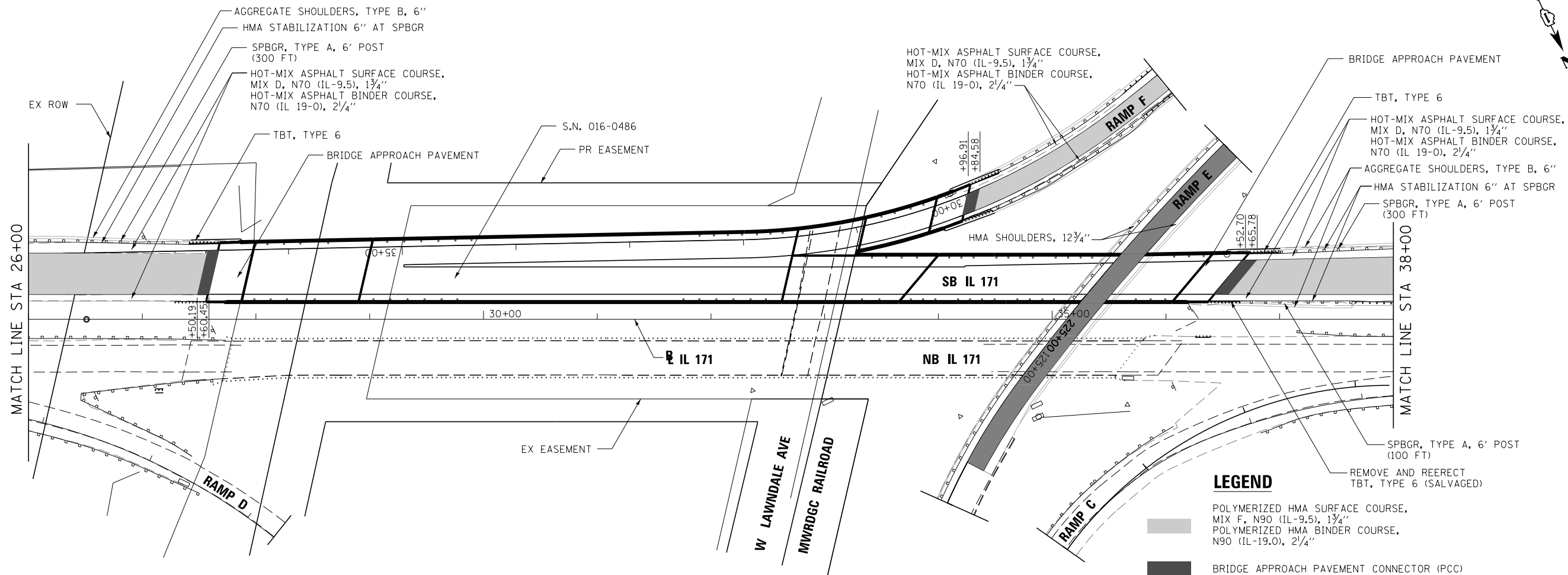
FILE NAME =	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>		<b>ROADWAY PLAN &amp; PROFILE</b> <b>IL 171</b>		F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160J16-sh1-IL171-pln-SB-02.dgn	DRAWN - TMB	REVISED -						372/373	2013-038B-R	COOK	821	50
USER NAME = tblank	CHECKED - JMM	REVISED -						CONTRACT NO. 60J16				
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -						ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 2 OF 13 SHEETS STA. 15+00.00 TO STA. 26+00.00



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

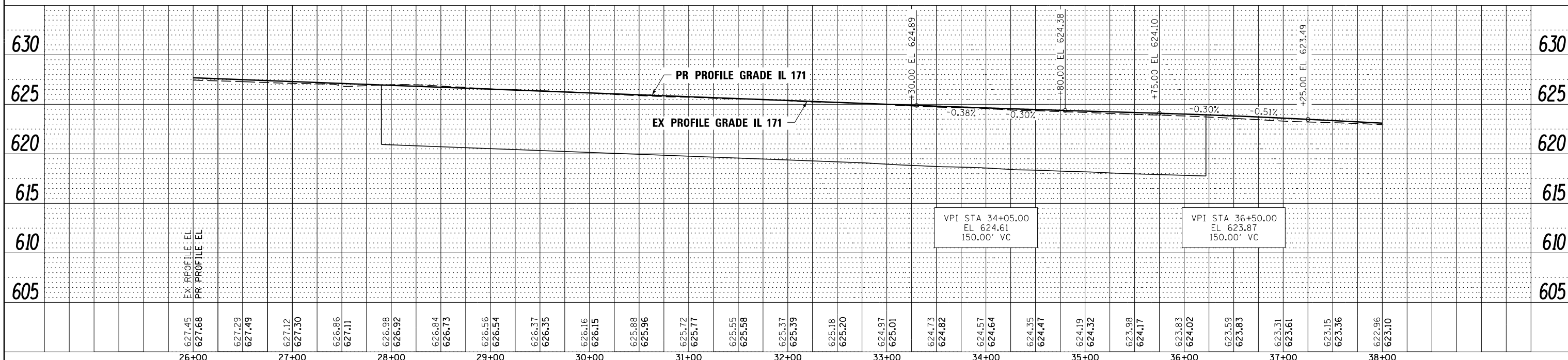
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



**LEGEND**

- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"
- POLYMERIZED HMA BINDER COURSE, N90 (IL-19.0), 2 1/4"
- BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 2" HMA BASE COURSE, 10 3/4"

NOTE: SHOULDER TAPER RATES SHOULD FOLLOW HIGHWAY STANDARD 630301 UNLESS OTHERWISE STATED ON THE PLANS.

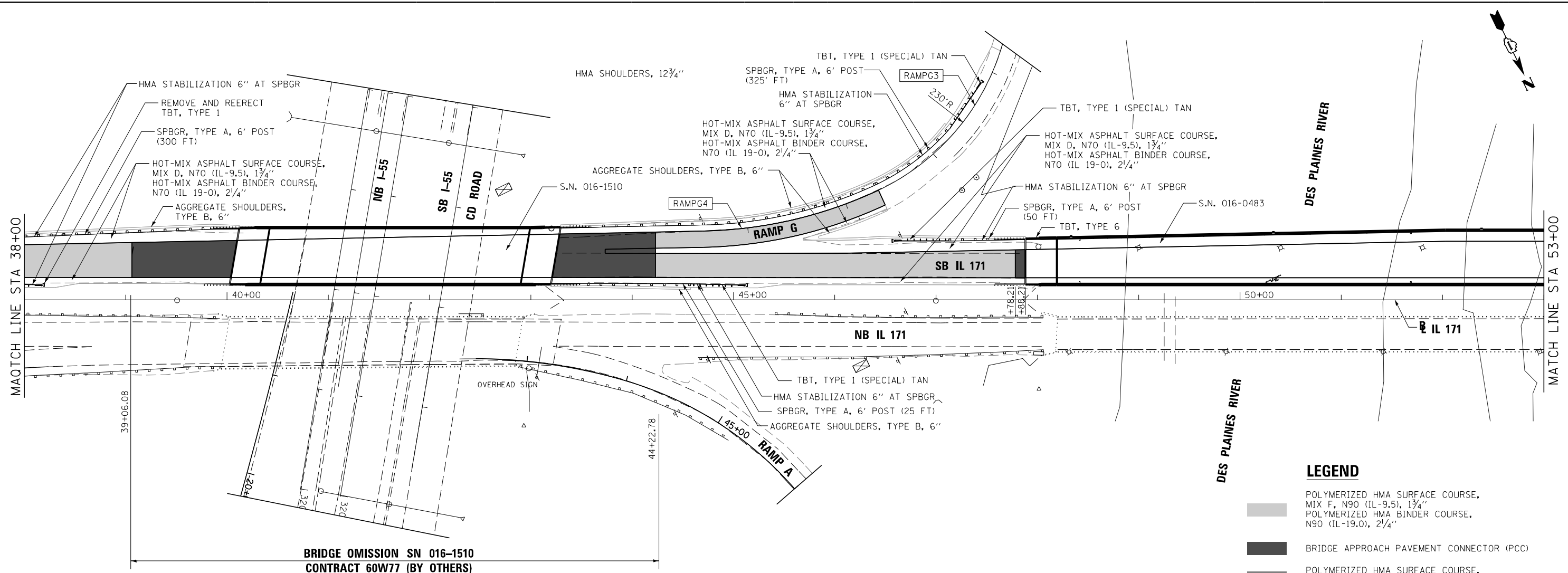


FILE NAME =	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>		<b>ROADWAY PLAN &amp; PROFILE</b> <b>IL 171</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160J16-sh1-IL171-pln-SB-03.dgn	DRAWN - TMB	REVISED -						372/373	2013-038B-R	COOK	821	51
USER NAME = tblank	CHECKED - JMM	REVISED -						CONTRACT NO. 60J16				
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -						ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 3 OF 13 SHEETS STA. 26+00.00 TO STA. 38+00.00

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

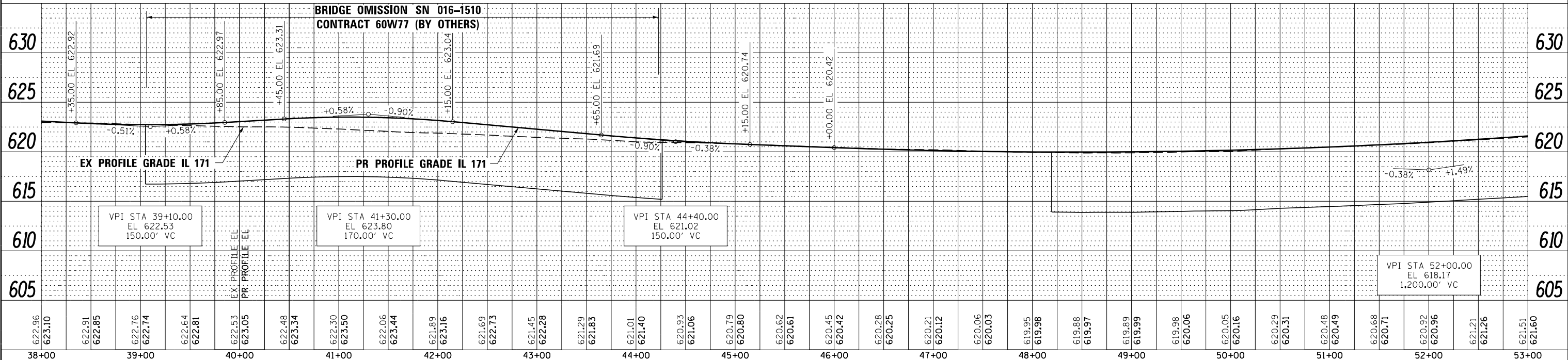
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHECKED	
	NO.	



**LEGEND**

- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"
- POLYMERIZED HMA BINDER COURSE, N90 (IL-19.0), 2 1/4"
- BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 2"
- HMA BASE COURSE, 10 3/4"

NOTE: SHOULDER TAPER RATES SHOULD FOLLOW HIGHWAY STANDARD 630301 UNLESS OTHERWISE STATED ON THE PLANS.

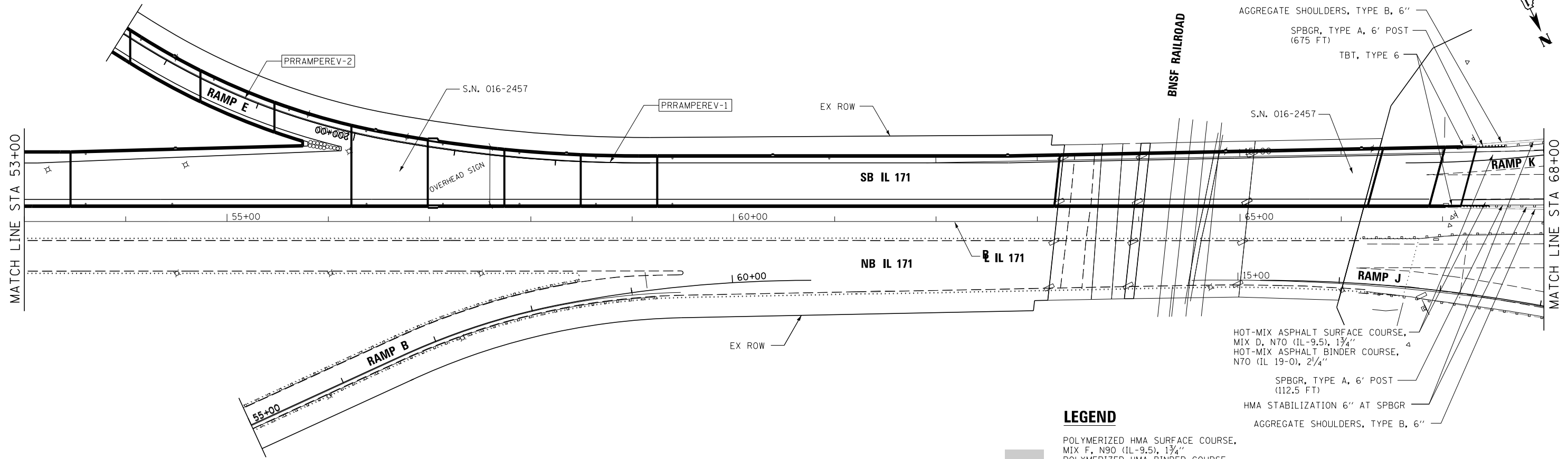


FILE NAME -	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>ROADWAY PLAN &amp; PROFILE IL 171</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D162J16-shr-IL171-pln-SB-04.dgn	DRAWN - TMB	REVISED -						372/373	2013-038B-R	COOK	821	52
USER NAME = tblank	CHECKED - JMM	REVISED -						CONTRACT NO. 60J16				
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -						ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 4 OF 13 SHEETS STA. 38+00.00 TO STA. 53+00.00

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
	CHECKED	
	FILE NAME	
	NO.	

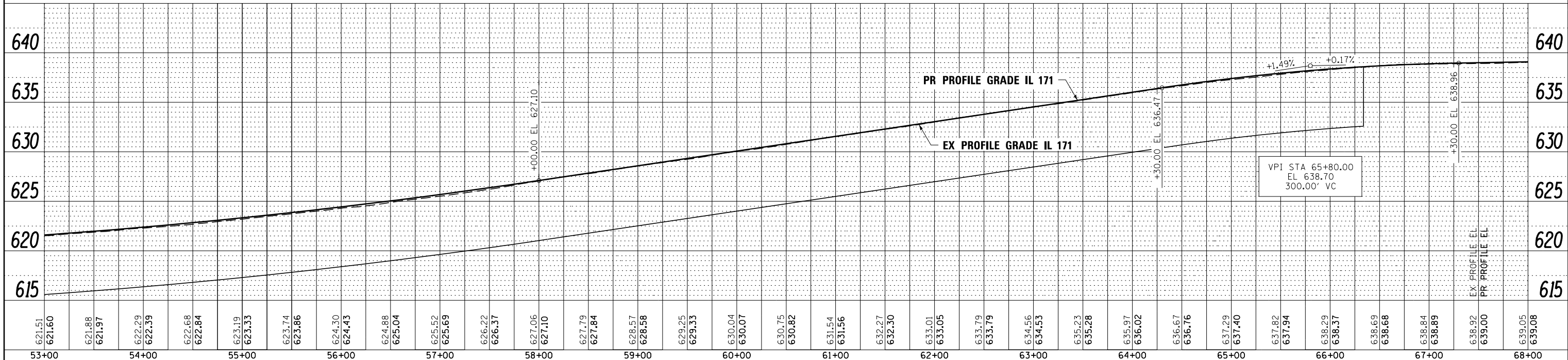
PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE	
	NOTATIONS CHECKED	
	NO.	



**LEGEND**

- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"  
POLYMERIZED HMA BINDER COURSE, N90 (IL-19.0), 2 1/4"
- BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 2"  
HMA BASE COURSE, 10 3/4"

NOTE: SHOULDER TAPER RATES SHOULD FOLLOW HIGHWAY STANDARD 630301 UNLESS OTHERWISE STATED ON THE PLANS.

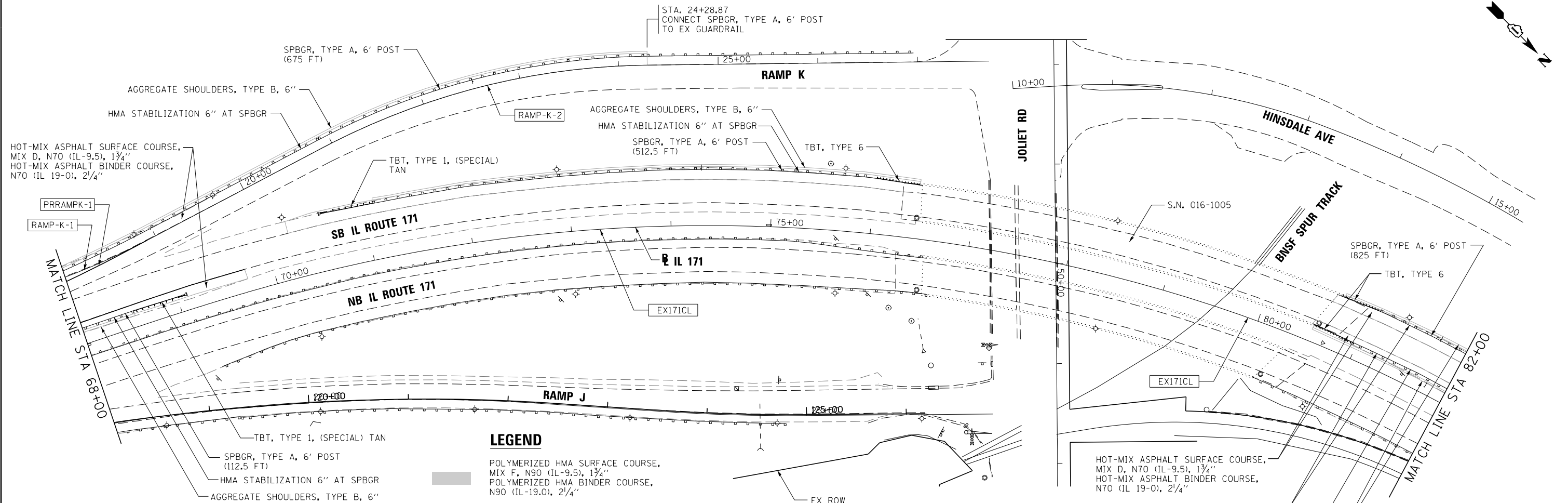


FILE NAME -	DESIGNED - AAA	REVISED -	<b>benesch</b> engineers · scientists · planners	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN &amp; PROFILE</b> <b>IL 171</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160J16-shr-IL171-pln-SB-05.dgn	DRAWN - TMB	REVISED -				372/373	2013-038B-R	COOK	821	53
USER NAME = tblank	CHECKED - JMM	REVISED -				CONTRACT NO. 60J16				
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -				ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 5 OF 13 SHEETS STA. 53+00.00 TO STA. 68+00.00

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

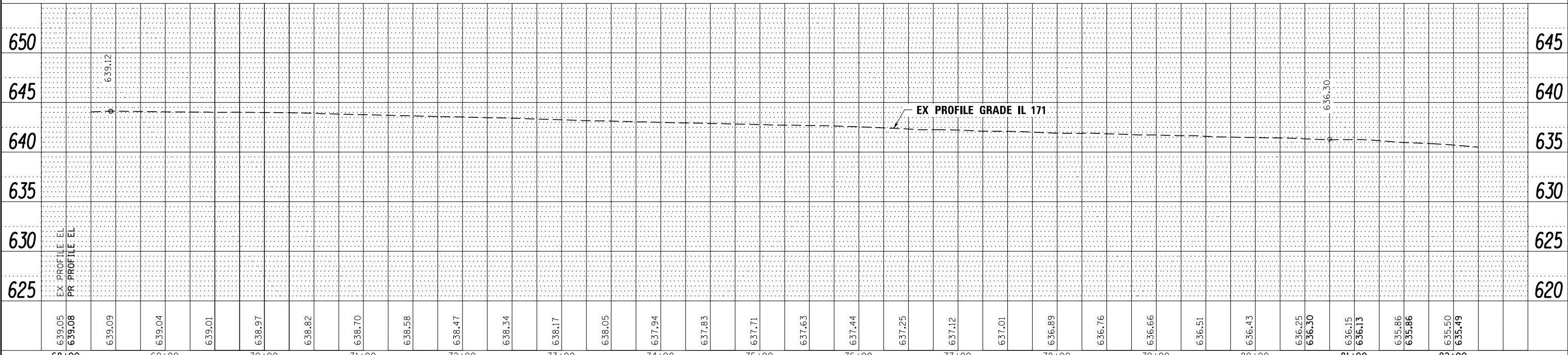
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



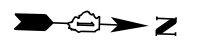
**LEGEND**

- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"
- POLYMERIZED HMA BINDER COURSE, N90 (IL-19.0), 2 1/4"
- BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 2"
- HMA BASE COURSE, 10 3/4"

NOTE: SHOULDER TAPER RATES SHOULD FOLLOW HIGHWAY STANDARD 630301 UNLESS OTHERWISE STATED ON THE PLANS.

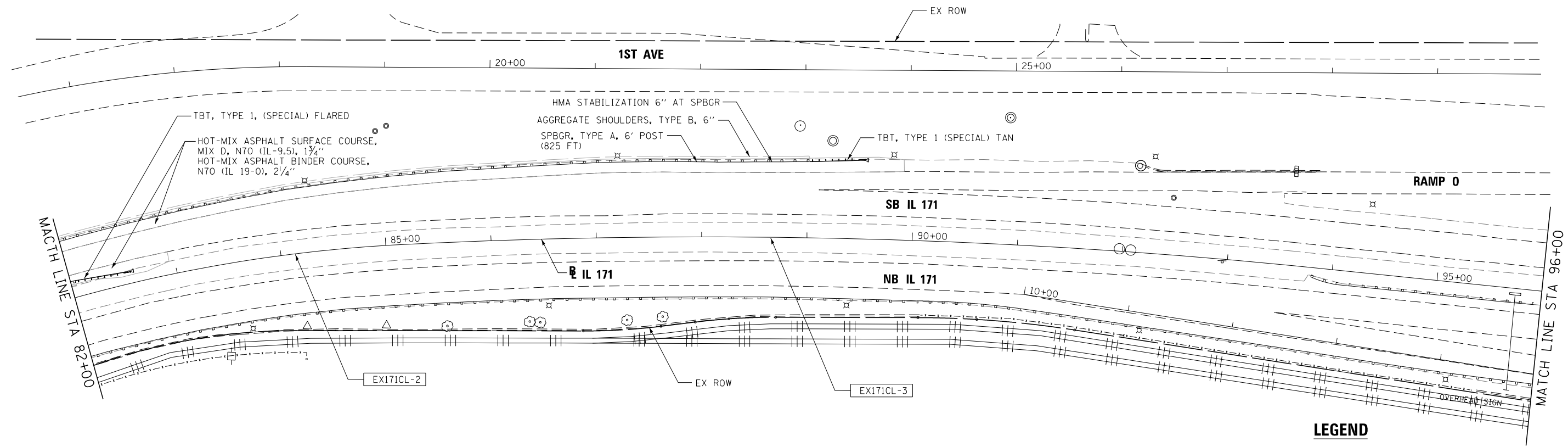


FILE NAME =	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>		<b>ROADWAY PLAN &amp; PROFILE</b> <b>IL 171</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160J16-sh1-IL171-pln-SB-06.dgn	DRAWN - TMB	REVISED -						372/373	2013-038B-R	COOK	821	54
USER NAME = tblank	CHECKED - JMM	REVISED -						CONTRACT NO. 60J16				
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -						ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	
	FILE NAME	

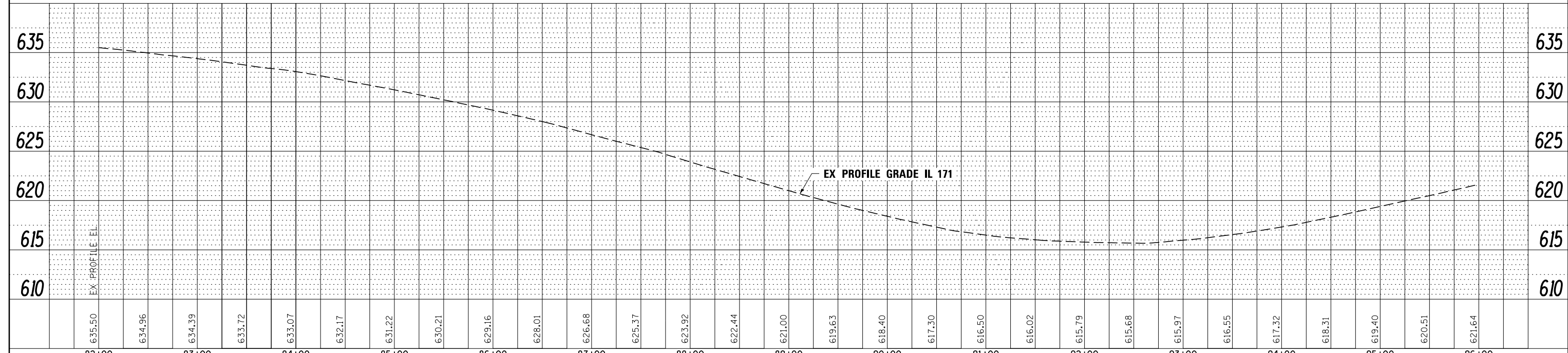
PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOTATIONS	



**LEGEND**

- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"
- POLYMERIZED HMA BINDER COURSE, N90 (IL-19.0), 2 1/4"
- BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 2"
- HMA BASE COURSE, 10 3/4"

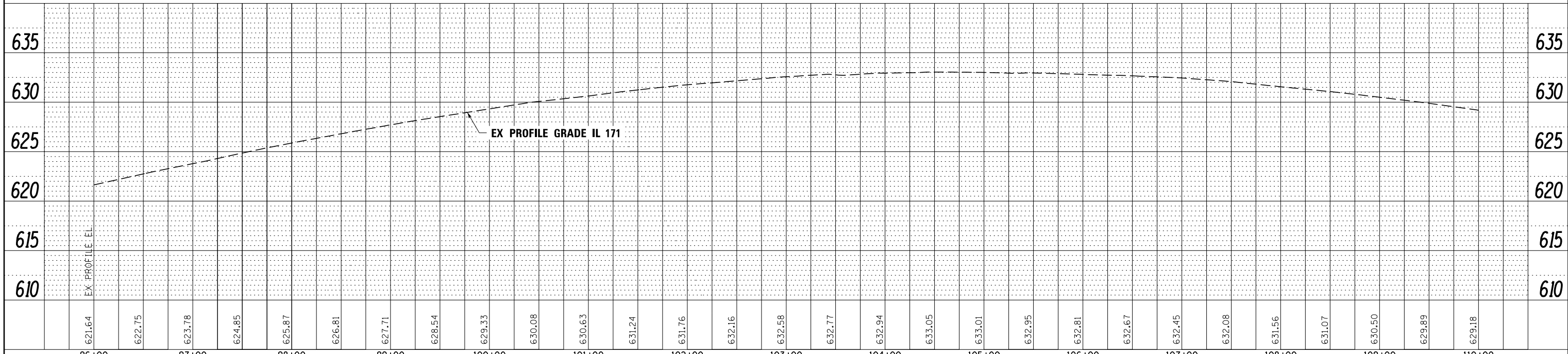
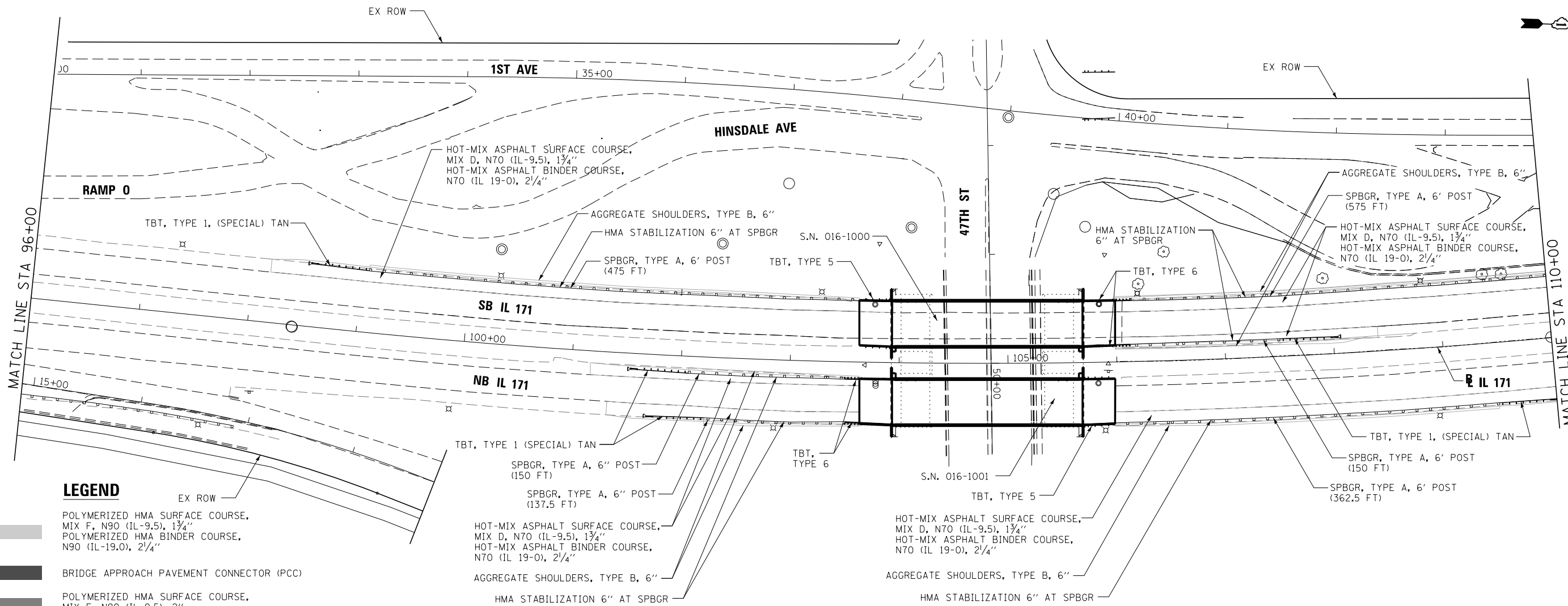
NOTE: SHOULDER TAPER RATES SHOULD FOLLOW HIGHWAY STANDARD 630301 UNLESS OTHERWISE STATED ON THE PLANS.



FILE NAME -	DESIGNED - AAA	REVISED -	<p><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<b>ROADWAY PLAN &amp; PROFILE</b>		F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160J16-shr-IL171-pln-SB-07.dgn	DRAWN - TMB	REVISED -		372/373	2013-038B-R	COOK	821	55		
USER NAME = ae1assy	CHECKED - JMM	REVISED -		CONTRACT NO. 60J16						
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -		ILLINOIS FED. AID PROJECT						

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHECKED	
	NO.	

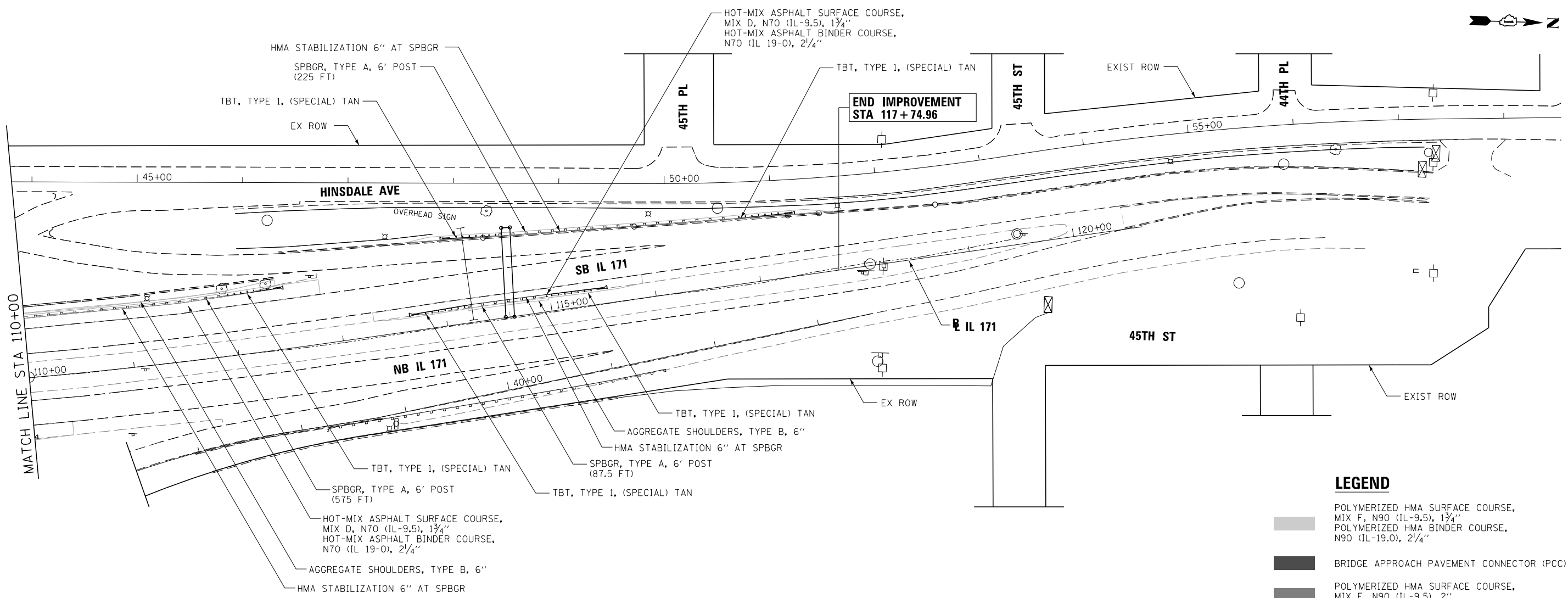


FILE NAME =	DESIGNED - AAA	REVISED -		STATE OF ILLINOIS			ROADWAY PLAN & PROFILE IL 171	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160J16-sh1-IL171-pln-SB-08.dgn	DRAWN - TMB	REVISED -		DEPARTMENT OF TRANSPORTATION				372/373	2013-038B-R	COOK	821	56
USER NAME = tblank	CHECKED - JMM	REVISED -		SCALE: 1"=50'				SHEET NO. 8 OF 13 SHEETS	STA. 96+00.00 TO STA. 110+00.00		CONTRACT NO. 60J16	
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -		ILLINOIS FED. AID PROJECT								



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	CARD FILE NAME	

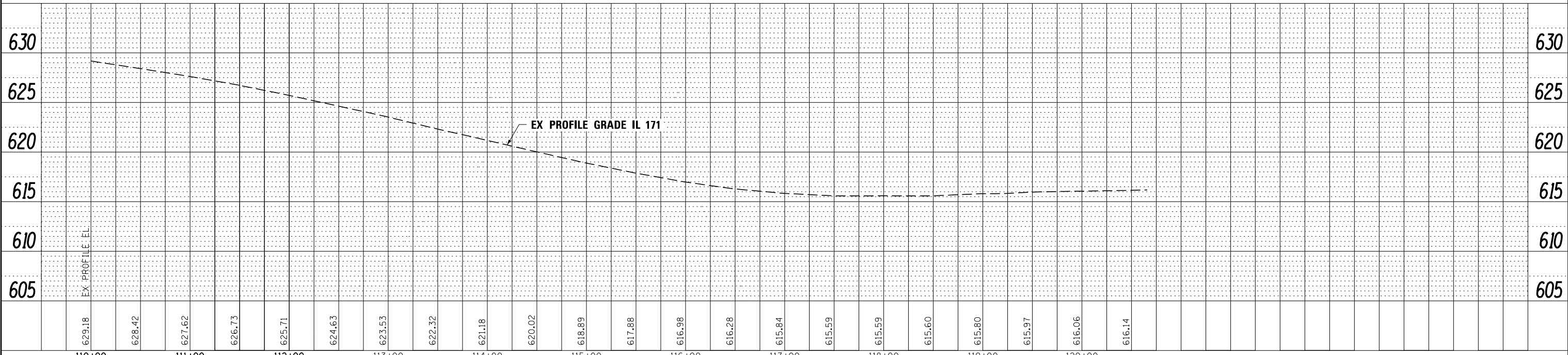
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	NOTATIS CHECKED	




**LEGEND**

- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4" POLYMERIZED HMA BINDER COURSE, N90 (IL-19.0), 2 1/4"
- BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 2" HMA BASE COURSE, 10 3/4"

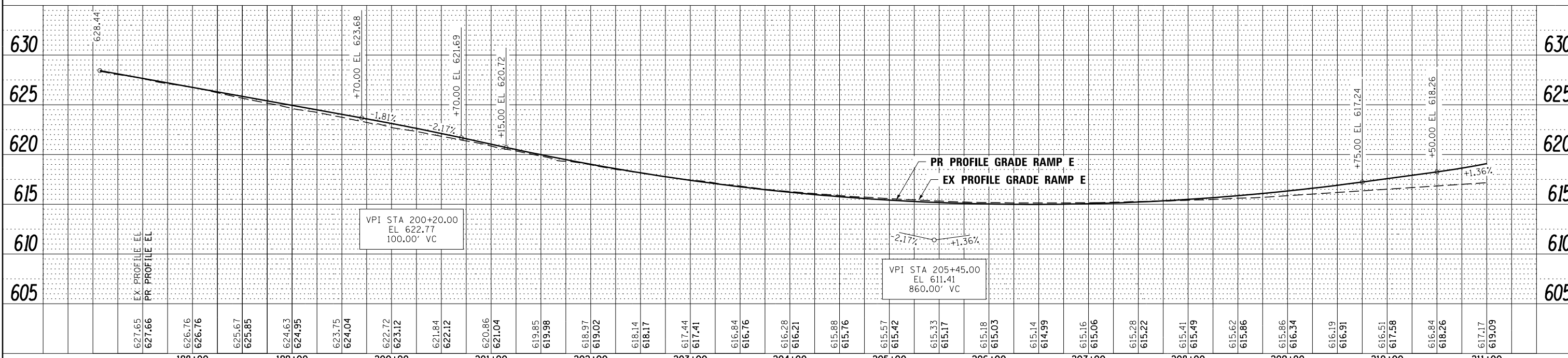
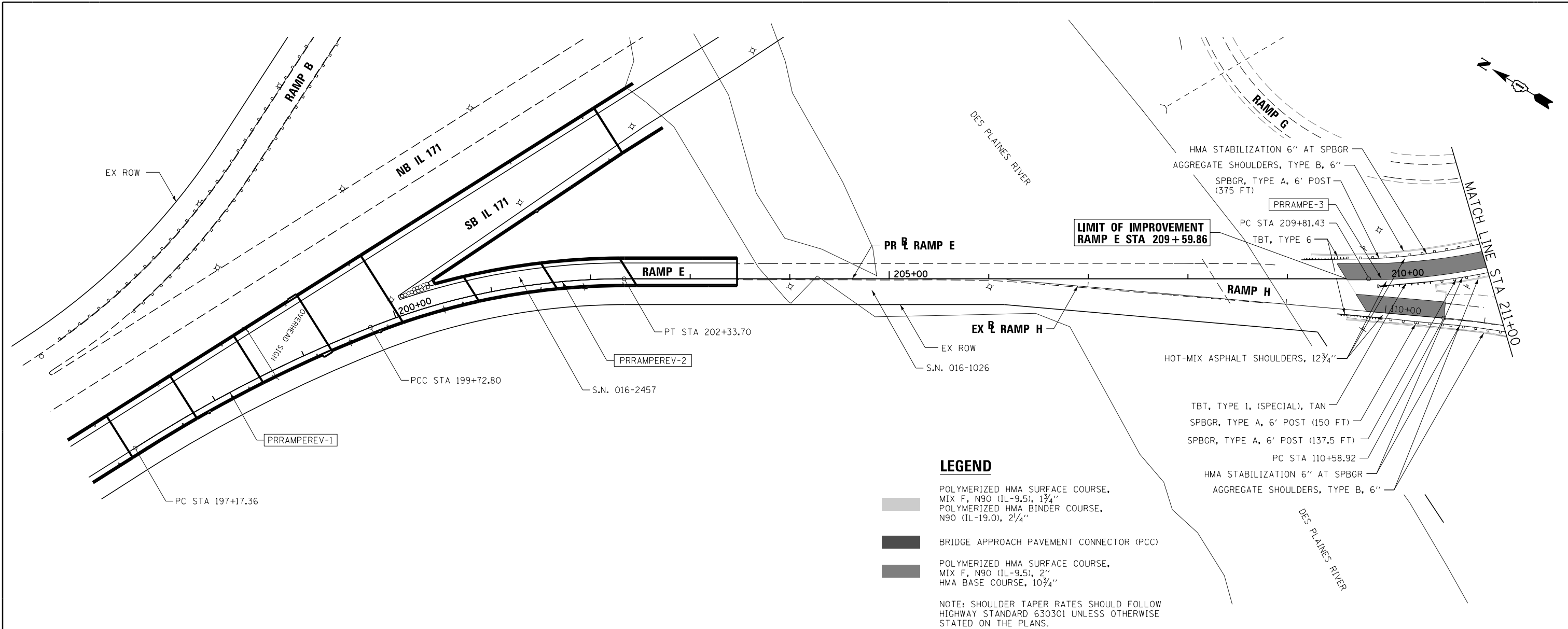
NOTE: SHOULDER TAPER RATES SHOULD FOLLOW HIGHWAY STANDARD 630301 UNLESS OTHERWISE STATED ON THE PLANS.



FILE NAME = ...\\D160J16-sh1-IL171-pln-SB-09.dgn	DESIGNED - AAA	REVISED -	 <b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN &amp; PROFILE</b> <b>IL 171</b>			F.A.P. RTE. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 57	
USER NAME = tblank	CHECKED - JMM	REVISED -		SCALE: 1"=50'			SHEET NO. 9 OF 13 SHEETS		STA. 110+00.00 TO STA. 117+74.96			CONTRACT NO. 60J16
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -		ILLINOIS FED. AID PROJECT								

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	NO. _____	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	NO. _____	
	NO. _____	

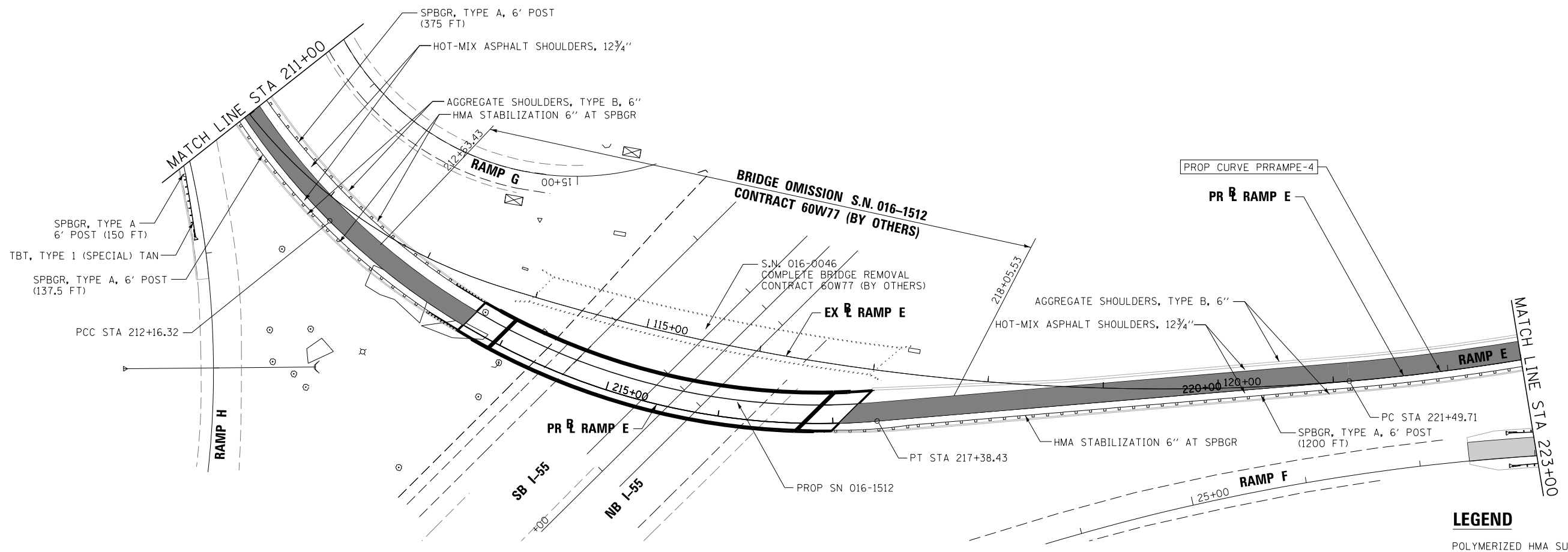


FILE NAME = ...	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN &amp; PROFILE</b> <b>RAMP E</b>		F.A.P. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = tblank	DRAWN - TMB	REVISED -			372/373	2013-038B-R	COOK	821	58		
PLOT DATE = 8/7/2014	CHECKED - JMM	REVISED -			CONTRACT NO. 60J16						
	DATE - 6/23/2014	REVISED -			ILLINOIS FED. AID PROJECT						



PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
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	CHECKED	
	FILE NAME	

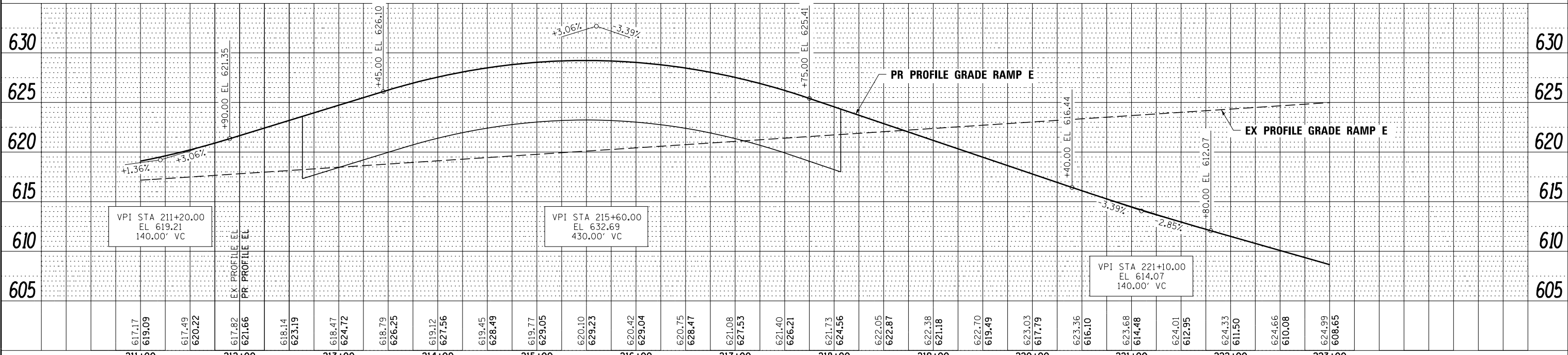
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NO.	
	STRUCTURE	
	NOTATIONS	



**LEGEND**

- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"
- POLYMERIZED HMA BINDER COURSE, N90 (IL-19.0), 2 1/4"
- BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 2" HMA BASE COURSE, 10 3/4"

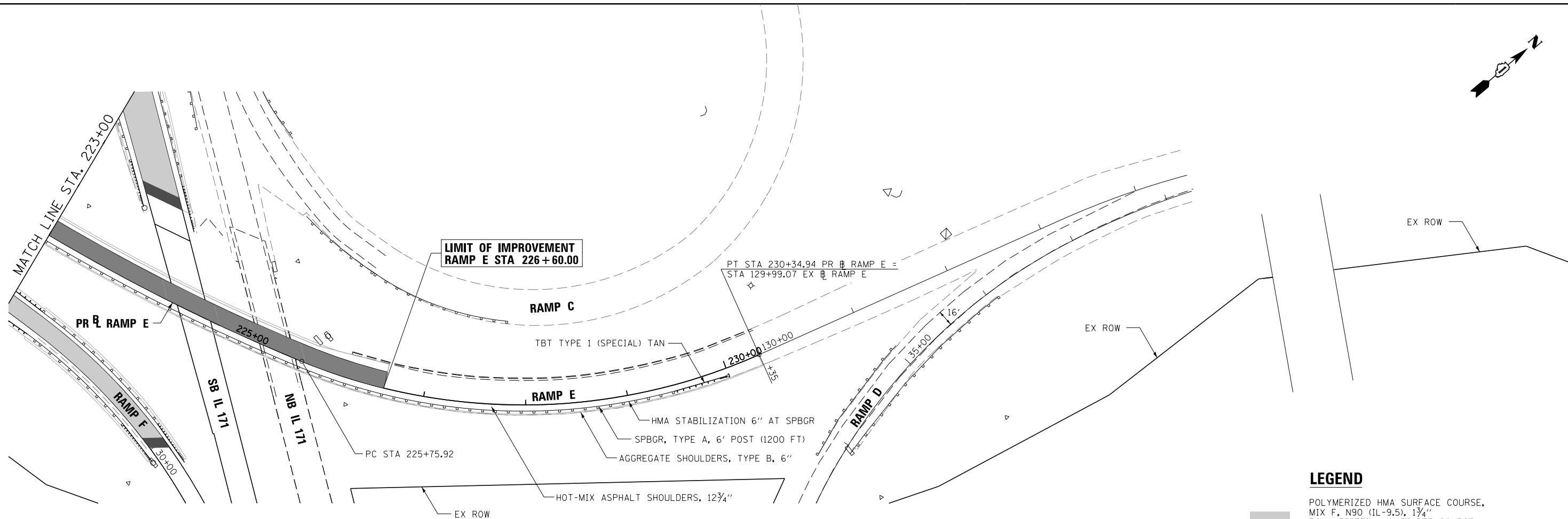
NOTE: SHOULDER TAPER RATES SHOULD FOLLOW HIGHWAY STANDARD 630301 UNLESS OTHERWISE STATED ON THE PLANS.



FILE NAME =	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>		<b>ROADWAY PLAN &amp; PROFILE</b> <b>RAMP E</b>		F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160J16-sh1-ramp_E3-plnprf.dgn	DRAWN - TMB	REVISED -						372/373	2013-038B-R	COOK	821	59
USER NAME = tblank	CHECKED - JMM	REVISED -						CONTRACT NO. 60J16				
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -	SCALE: 1"=50'		SHEET NO. 11 OF 13 SHEETS	STA. 211+00.00 TO STA. 223+00.00	ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
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	NO.	

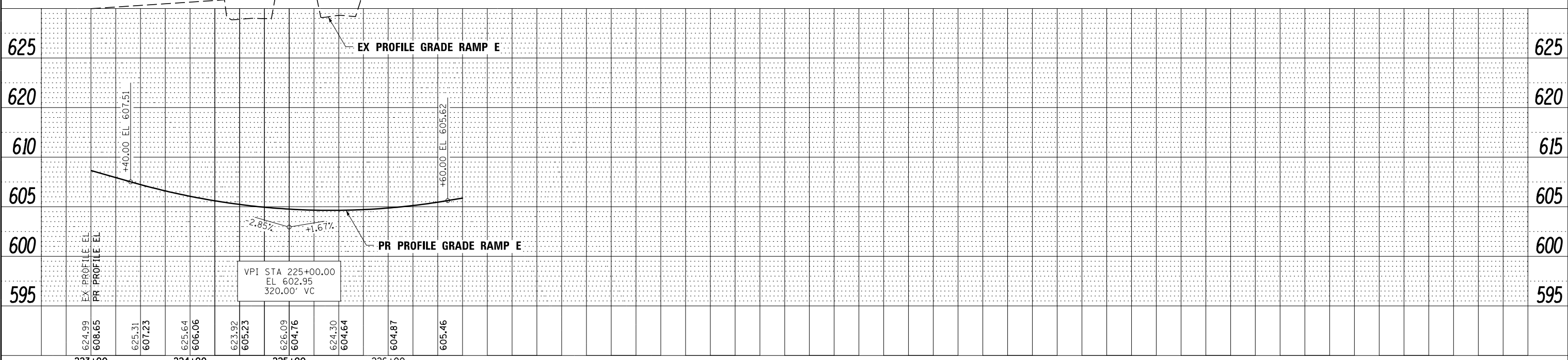
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	
	NO.	
	NO.	



**LEGEND**

- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"
- POLYMERIZED HMA BINDER COURSE, N90 (IL-19.0), 2 1/4"
- BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 2"
- HMA BASE COURSE, 10 3/4"

NOTE: SHOULDER TAPER RATES SHOULD FOLLOW HIGHWAY STANDARD 630301 UNLESS OTHERWISE STATED ON THE PLANS.



FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sh-t-ramp E2-plnprf.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN & PROFILE  
RAMP E

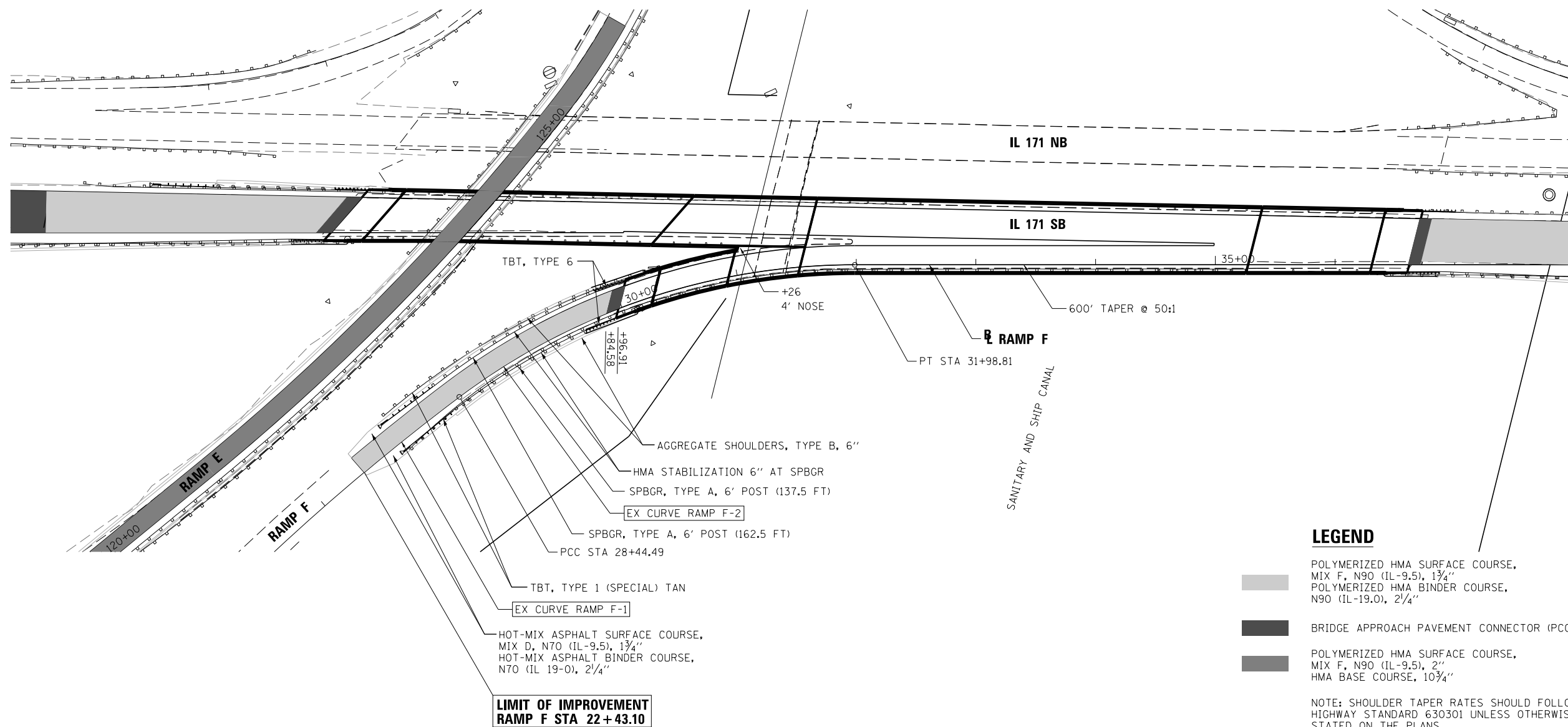
SCALE: 1"=50' SHEET NO. 12 OF 13 SHEETS STA. 223+00.00 TO STA. 226+60.00

F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	60
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	

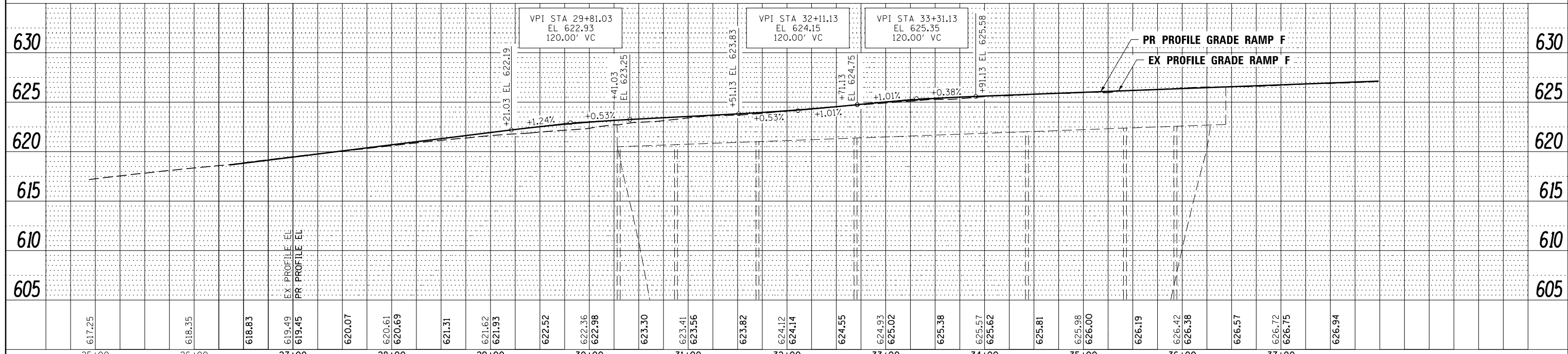


**LEGEND**

- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"
- POLYMERIZED HMA BINDER COURSE, N90 (IL-19.0), 2 1/4"
- BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 2"
- HMA BASE COURSE, 10 3/4"

NOTE: SHOULDER TAPER RATES SHOULD FOLLOW HIGHWAY STANDARD 630301 UNLESS OTHERWISE STATED ON THE PLANS.

**LIMIT OF IMPROVEMENT  
RAMP F STA 22+43.10**



FILE NAME =	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN &amp; PROFILE RAMP F</b>	F.A.P	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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USER NAME = tblank	CHECKED - JMM	REVISED -				CONTRACT NO. 60J16				
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -				ILLINOIS FED. AID PROJECT				

## MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ONE THROUGH TRAFFIC LANE IN EACH DIRECTION ON ILLINOIS ROUTE 171.
2. THE CONTRACTOR SHALL PROVIDE ALL SIGNS, VERTICAL PANELS, TYPE III BARRICADES, DRUMS, OR TYPE II BARRICADES, ALL TEMPORARY CONCRETE BARRIERS AND PROTECTION NECESSARY FOR THE MAINTENANCE OF TRAFFIC, OR AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
4. THE CONTRACTOR SHALL INSTALL AND MAINTAIN PROPOSED AND TEMPORARY DRAINAGE SYSTEMS, AND EROSION CONTROL THROUGHOUT STAGE CONSTRUCTION DURING THE DURATION OF THE PROJECT.
5. THE CONTRACTOR SHALL USE EPOXY TEMPORARY PAVEMENT MARKING ON SURFACES TO BE REMOVED AND IN AREAS THAT DO NOT CONFLICT WITH OTHER STAGES AND WET REFLECTIVE TEMPORARY TAPE ON THE TEMPORARY CROSS OVERS.
6. THE CONTRACTOR SHALL USE EPOXY PAVEMENT MARKING ON EXISTING SURFACES TO REMAIN AND PERMANENT SURFACES FOR FUTURE MOT ON CONTRACTS 60W75 & 60W78.
7. ALL TYPE II BARRICADES, DRUMS, AND VERTICAL PANELS SHALL BE EQUIPPED WITH BI-DIRECTIONAL STEADY BURNING LIGHTS IN TWO LANE, TWO WAY ROADWAY SECTIONS, AND MONO-DIRECTIONAL IN MULTILANE AND ONE-WAY ROADWAY SECTIONS.
8. TEMPORARY CONCRETE BARRIERS SHALL BE EQUIPPED WITH TYPE "C" REFLECTORS AT 25' CENTERS.
9. ALL CONSTRUCTION WARNING SIGNS SHALL BE BLACK LEGEND ON ORANGE BACKGROUND.
10. ALL CONSTRUCTION WARNING SIGN DIMENSIONS SHALL BE 48" X 48".
11. ALL "ROAD CONSTRUCTION AHEAD" WARNING SIGNS (W20-1103(O) SHALL BE EQUIPPED WITH HIGH INTENSITY FLASHING LIGHTS.
12. THE CONTRACTOR SHALL INSTALL AND COVER ALL TEMPORARY SIGNING BEFORE EXISTING SIGNS ARE REMOVED.
13. THE CONTRACTOR SHALL INSTALL AND COVER ALL PERMANENT SIGNING BEFORE TEMPORARY SIGNS ARE REMOVED.
14. EXISTING TRAFFIC SIGNS IN CONFLICT WITH STAGING SHALL BE REMOVED, RELOCATED OR COVERED AS SHOWN ON THE PLANS.
15. ALL THE EXISTING SPEED LIMIT SIGNS WITHIN THE WORK ZONE SHOULD BE REMOVED ONCE THE TEMPORARY SPEED LIMIT SIGNS ARE INSTALLED.
16. DIRECTION INDICATOR BARRICADES SHALL BE USED AT TAPER LOCATIONS AS DIRECTED BY THE ENGINEER.
17. EPOXY PAVEMENT MARKINGS SHALL BE USED FOR ALL THE APPLICATIONS IN THIS CONTRACT, EXCEPT ON THE CROSS-OVERS WHICH REQUIRE WET REFLECTIVE TEMPORARY PAVEMENT MARKINGS.
18. VERTICAL BARRICADES OR DRUMS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER, TO DELINEATE THE TRAVEL EDGE OF PAVEMENT FOR THE CROSS-OVERS AFTER TEMPORARY PAVEMENT HAS BEEN CONSTRUCTED IN PRE-STAGE.
19. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL A MAINTENANCE OF TRAFFIC CONTROL AND PROTECTION PLAN FOR THE CONSTRUCTION STAGING REQUIRED TO THE PROPOSED IMPROVEMENTS ON ALL THE COMMERCIAL ENTRANCES.
20. ANY ADDITIONAL TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, DRUMS, VERTICAL PANELS, SIGNS, ETC. REQUIRED FOR THE MAINTENANCE OF TRAFFIC AT THE SIDE ROADS AND ENTRANCES SHALL BE INCLUDED IN THE LUMP SUM CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
21. THE LOCATION OF SPEED DISPLAY TRAILERS WILL BE DETERMINED BY THE ENGINEER.
22. TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER REMOVAL IS INCLUDED IN THE CONTRACT UNIT PRICE OF "TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER".
23. THE CONTRACTOR TO COORDINATE ALL THE WORK IN THIS CONTRACT WITH CONTRACT 60W77 WHICH INCLUDES THE REMOVAL AND CONSTRUCTION OF STRUCTURES 016-1510 AND 016-1512, AND THE TRAFFIC CONTROL ON I-55.
24. TEMPORARY CONCRETE BARRIER SHALL BE CONTINUOUSLY PINNED (EXCEPT ON NEW BRIDGE DECKS) TO THE PAVEMENT WHENEVER A 3'-6" FOOT CLEAR ZONE FREE FROM DROP-OFFS OR ANY OBSTRUCTION CANNOT BE PROVIDED FOR BEHIND THE WALL.
25. WHEN TEMPORARY CONCRETE BARRIER IS TO BE PLACED WITH LESS THAN 2' INSIDE SHOULDER TO SEPARATE OPPOSING DIRECTIONS OF TRAFFIC, EACH OF THE BARRIER UNITS SHALL BE SECURED TO THE EXISTING PAVEMENT, EXISTING DECKS OR EXISTING PAVED SHOULDERS USING SIX ANCHORING PINS. THE BARRIERS SHALL BE REMOVED WHEN NO LONGER REQUIRED BY THE CONTRACT. AFTER REMOVAL, ALL ANCHORING HOLES IN THE PAVEMENT, BRIDGE DECKS OR PAVED SHOULDERS SHALL BE FILLED WITH A RAPID HARDENING MORTAR OR CONCRETE. ONLY ENOUGH WATER TO PERMIT PLACEMENT AND CONSOLIDATION BY RODDING SHALL BE USED AND THE MATERIAL SHALL BE STRUCK-OFF FLUSH. THE COST OF WORK AND MATERIAL INVOLVED ANCHORING PINS AND FILLING ALL ANCHORING HOLES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR TEMPORARY CONCRETE BARRIER ITEM.
26. THE BUREAU OF CONSTRUCTION HAS TO COMPLETE AND SEND THE OPER 2410 FORM, 21 DAYS PRIOR TO ESTABLISHING THE WIDTH RESTRICTIONS ON IL-171.
27. UPON COMPLETION OF THE TEMPORARY CROSSOVERS, TEMPORARY CONCRETE BARRIER SHALL BE PLACED TO PROHIBIT TRAFFIC FROM ACCESSING THE CROSSOVERS DURING THE 2014-2015 WINTER SHUTDOWN. THE TEMPORARY CONCRETE BARRIER SHALL BE REMOVED WHEN CROSSOVERS ARE UTILIZED FOR MAINTENANCE OF TRAFFIC IN STAGES 1A, 1B & 1C.

FILE NAME =	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC GENERAL NOTES</b>	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160J16-sht-stagingnotes.dgn	DRAWN - TMB	REVISED -				372/373	2013-038B-R	COOK	821	62
USER NAME = tblank	CHECKED - JMM	REVISED -				CONTRACT NO. 60J16				
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -				SCALE:	SHEET 1 OF 50 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

## SUGGESTED CONSTRUCTION SEQUENCING

### PRE-STAGE

#### TRAFFIC:

TRAFFIC WILL REMAIN IN THE EXISTING CONFIGURATION WITH A LANE CLOSURE BUFFER AROUND THE WORK ZONES.

#### CONSTRUCTION:

CONSTRUCT TEMPORARY PAVEMENT FOR THE CROSS OVERS ON IL 171 FROM STA 10+54 TO STA 21+50 AND FROM STA 80+69 TO STA 88+89 AS SHOWN ON THE PLANS.

INSTALL THE TEMPORARY CULVERTS AND END SECTIONS UNDER THE CROSS OVERS.

### STAGE 1A

#### TRAFFIC:

PROVIDE ONE THROUGH LANE IN EACH DIRECTION ALONG IL 171 SEPARATED WITH A TEMPORARY CONCRETE BARRIER, UTILIZING THE NORTHBOUND EXISTING PAVEMENT AND THE TEMPORARY CROSS OVERS CONSTRUCTED IN THE PRESTAGE, SO THE SOUTHBOUND TRAFFIC CAN CROSS OVER ONTO THE NORTHBOUND PAVEMENT IN THE WORK ZONE AREA.

RAMP G AND RAMP F SHALL BE CLOSED AND TRAFFIC WILL BE DETOURED.

RAMP O AND RAMP K SHALL BE OPEN FOR I-55 ACCESS ONLY, AND TRAFFIC WILL BE DETOURED FOR IL 171 SOUTHBOUND ACCESS.

#### CONSTRUCTION:

CONSTRUCT THE FIRST STAGE OF STRUCTURES 016-1000, 016-1001, AND ALL THE SHOULDER WORK AND GUARDRAIL ASSOCIATED WITH THOSE STRUCTURES.

CONSTRUCT STRUCTURES 016-0486, 016-0488, AND ALL THE SHOULDER WORK AND GUARDRAIL ASSOCIATED WITH THOSE STRUCTURES.

CONSTRUCTION FOR STRUCTURES 016-1510 AND 016-1512 SHALL BE INITIATED BY OTHERS. CONTRACTOR TO COORDINATE BRIDGE WORK, ROAD WORK, AND TRAFFIC CONTROL IN CONTRACT 60J16 WITH CONTRACT 60W77.

### STAGE 1B

#### TRAFFIC:

TRAFFIC WILL REMAIN IN THE SAME CONFIGURATION AS STAGE 1A FOR IL 171.

RAMP G AND RAMP F SHALL BE CLOSED AND TRAFFIC WILL BE DETOURED.

RAMP O AND RAMP K SHALL BE OPEN FOR I-55 ACCESS ONLY, AND TRAFFIC WILL BE DETOURED FOR IL 171 SOUTHBOUND ACCESS.

### STAGE 1B (CONTINUED)

#### CONSTRUCTION:

CONSTRUCT THE SECOND STAGE OF STRUCTURES 016-1000, 016-1001, AND ALL THE SHOULDER WORK AND GUARDRAIL ASSOCIATED WITH THOSE STRUCTURES.

CONSTRUCT STRUCTURE 016-0483 AND ALL THE SHOULDER WORK AND GUARDRAIL ASSOCIATED WITH THOSE STRUCTURES.

CONSTRUCT STRUCTURES 016-0486, 016-0488, AND ALL THE SHOULDER WORK AND GUARDRAIL ASSOCIATED WITH THOSE STRUCTURES.

CONSTRUCTION FOR STRUCTURES 016-1510 AND 016-1512 SHALL CONTINUE BY OTHERS. CONTRACTOR TO COORDINATE BRIDGE WORK, ROAD WORK, AND TRAFFIC CONTROL IN CONTRACT 60J16 WITH CONTRACT 60W77.

### STAGE 1C

#### TRAFFIC:

TRAFFIC WILL REMAIN IN THE SAME CONFIGURATION AS STAGE 1A & STAGE 1B FOR IL 171.

RAMP G, RAMP K, RAMP E, RAMP O, RAMP H AND RAMP F SHALL BE CLOSED AND TRAFFIC WILL BE DETOURED.

#### CONSTRUCTION:

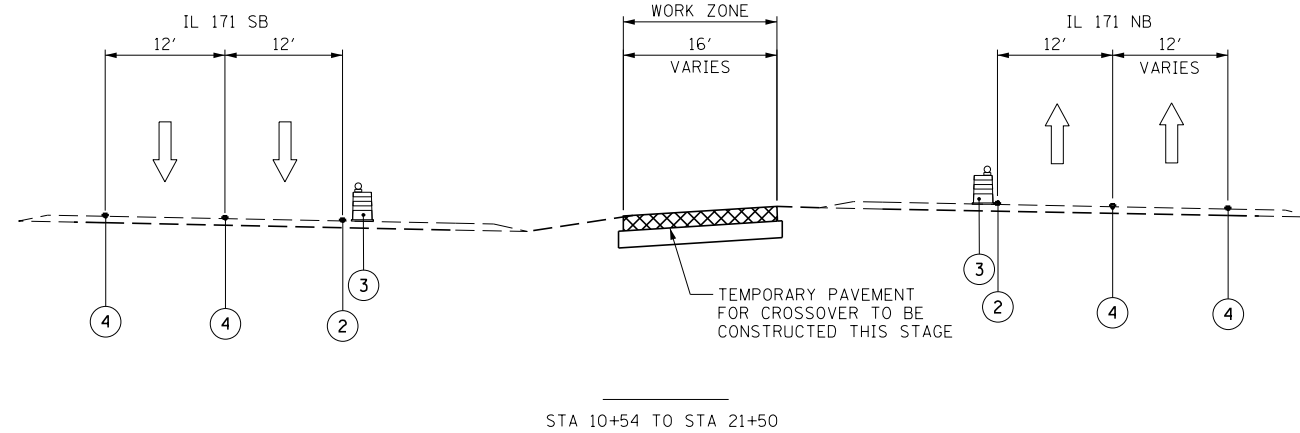
CONSTRUCT STRUCTURES 016-2457, 016-2455, 016-1005 AND ALL THE SHOULDER WORK AND GUARDRAIL ASSOCIATED WITH THOSE STRUCTURES.

CONSTRUCTION FOR STRUCTURES 016-1510 AND 016-1512 SHALL CONTINUE TILL COMPLETION BY OTHERS. CONTRACTOR TO COORDINATE BRIDGE WORK, ROAD WORK, AND TRAFFIC CONTROL IN CONTRACT 60J16 WITH CONTRACT 60W77.

CONSTRUCT STRUCTURES 016-0486, 016-0488, AND ALL THE SHOULDER WORK AND GUARDRAIL ASSOCIATED WITH THOSE STRUCTURES.

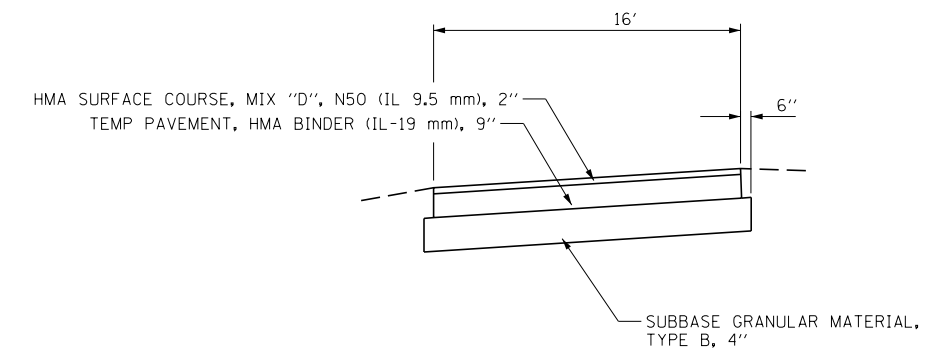
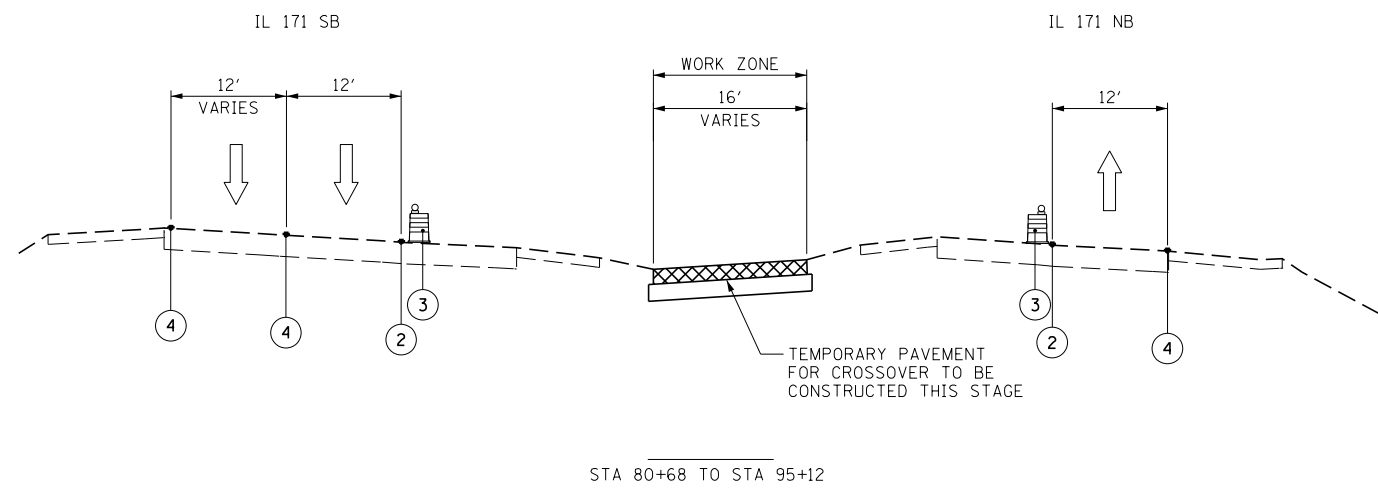
CONSTRUCT PROPOSED RAMP E PAVEMENT, AND REMOVE EXISTING RAMP E PAVEMENT. WORK TO BE COORDINATE WITH CONTRACT 60W77 TO TIE INTO STRUCTURE 016-1512.

FILE NAME =	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC SEQUENCING</b>			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160J16-sht-sequencing01.dgn	DRAWN - TMB	REVISED -			372/373	2013-038B-R	COOK	821	63			
USER NAME = jmajewski	CHECKED - JMM	REVISED -			CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT				
PLOT DATE = 8/15/2014	DATE - 6/23/2014	REVISED -			SCALE:	SHEET 2 OF 50 SHEETS	STA.	TO STA.				



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING - 4 INCH WHITE
  - ② TEMPORARY PAVEMENT MARKING - 4 INCH YELLOW
  - ③ DRUM W/STEADY BURN MONODIRECTIONAL LIGHT
  - ④ EXISTING PAVEMENT MARKING
  - ⑤ TEMPORARY CONCRETE BARRIER
  - ⑥ TEMPORARY PAVEMENT MARKING - 6 INCH WHITE W/TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
  - ⑦ TEMPORARY PAVEMENT MARKING PLACED IN PREVIOUS STAGE
  - ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
  - ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)
- WORK AREA
  - TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
  - TEMPORARY PAVEMENT PLACED THIS STAGE

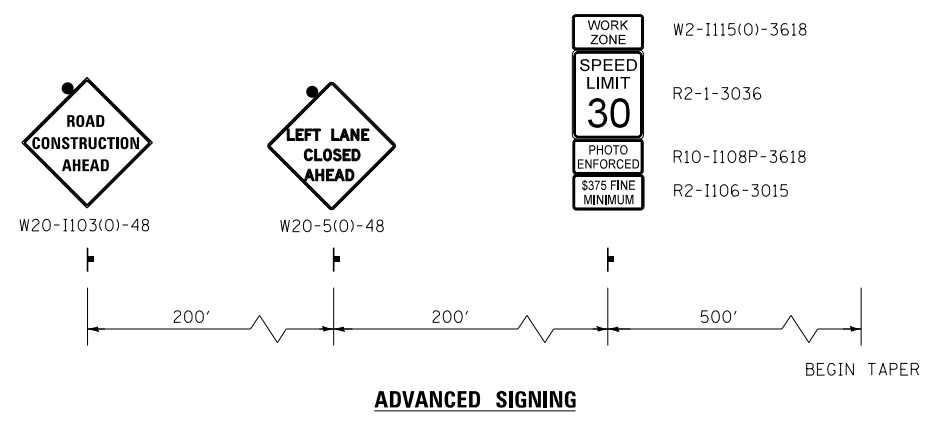
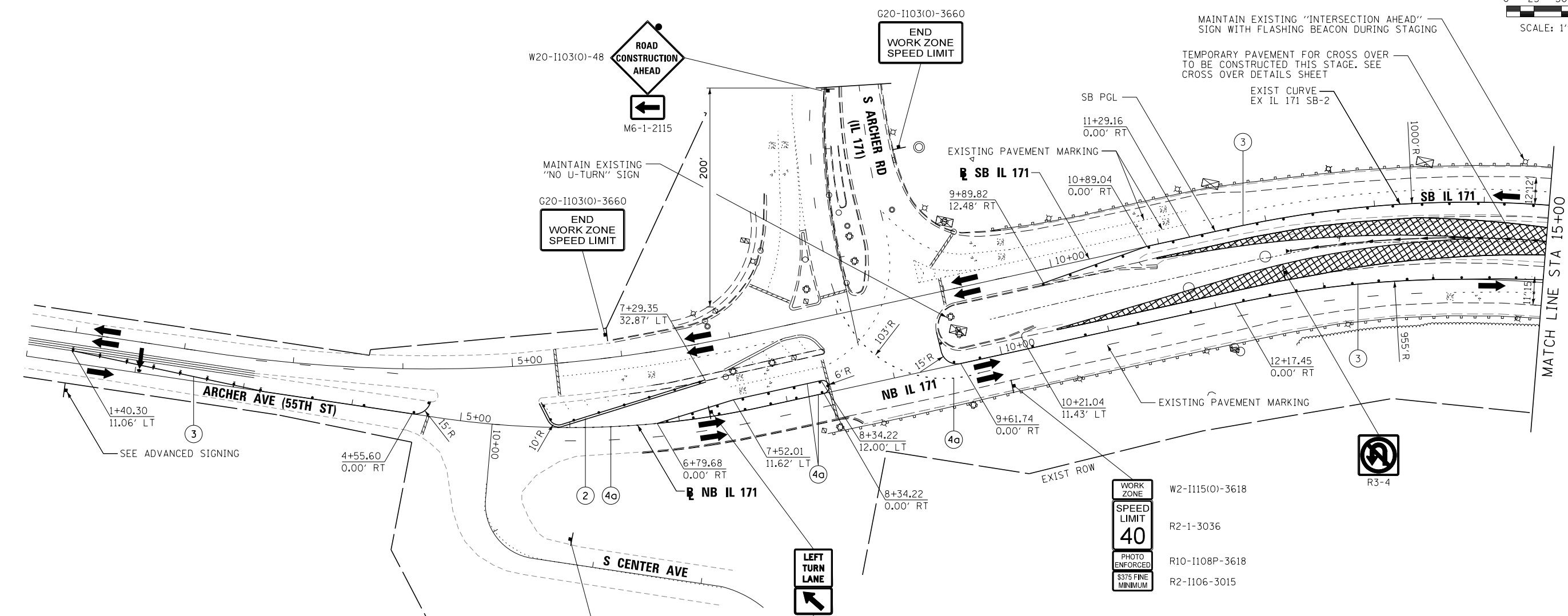
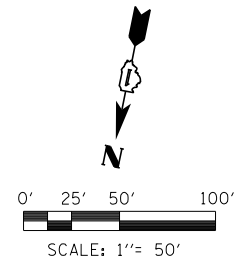
**NOTE:**  
SEE TEMPORARY PAVEMENT (CROSSOVER) DETAIL SHEETS FOR SPOT ELEVATIONS.



HMA SURFACE COURSE, MIX "D", N50 AND HMA BINDER (IL-19) mm ARE PAID FOR AS "TEMPORARY PAVEMENT".

FILE NAME =	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC</b> <b>PRESTAGE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
... \D160J16-sht-MOT-extyp-prestage-01.dgn	DRAWN - TMB	REVISED -				372/373	2013-038B-R	COOK	821	64	
USER NAME = tblank	CHECKED - JMM	REVISED -				CONTRACT NO. 60J16					
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -				ILLINOIS FED. AID PROJECT					
						SHEET 3 OF 50 SHEETS	STA.	TO STA.			

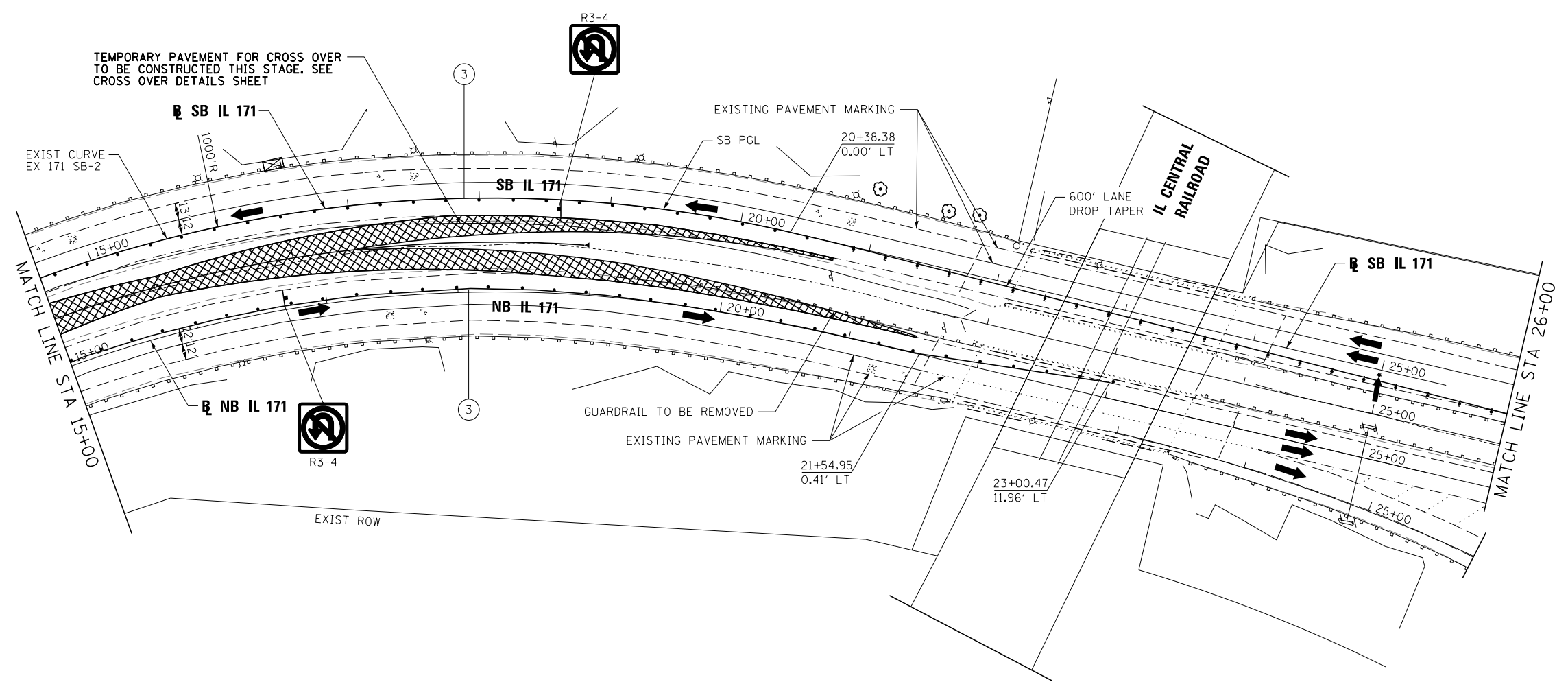
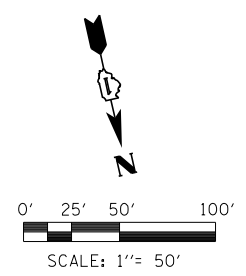




**LEGEND**

	WORK AREA	(1)	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
	TEMPORARY PAVEMENT PLACED PREVIOUS STAGE	(2)	EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
	TEMPORARY PAVEMENT PLACED THIS STAGE	(3)	EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
	FLASHING ARROW BOARD	(4)	EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
	TRAFFIC LANE	(4a)	EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
	TYPE III BARRICADES	(5)	EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
	TEMPORARY SIGN	(6)	EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
	TEMPORARY CONCRETE BARRIER	(7)	EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	(8)	WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
	DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS	(9)	WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)
	DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS		

FILE NAME =	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC PRESTAGE</b>		F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \D160J16-sht-IL171-Mot-prestage-SB-01.dgn	DRAWN - TMB	REVISED -					372/373	2013-038B-R	COOK	821	65
USER NAME = tblank	CHECKED - JMM	REVISED -			CONTRACT NO. 60J16						
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -			ILLINOIS FED. AID PROJECT						
					SCALE: 1"=50'	SHEET 4 OF 50 SHEETS	STA.	TO STA.			



**LEGEND**

- |  |  |      |  |
|--|--|------|--|
|  | WORK AREA  | (1)  | EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)                                   |
|  | TEMPORARY PAVEMENT PLACED PREVIOUS STAGE   | (2)  | EPOXY PAVEMENT MARKING - 4 INCH (WHITE)  |
|  | TEMPORARY PAVEMENT PLACED THIS STAGE   | (3)  | EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)   |
|  | FLASHING ARROW BOARD   | (4)  | EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER |
|  | TRAFFIC LANE   | (4a) | EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)                             |
|  | TYPE III BARRICADES  | (5)  | EPOXY PAVEMENT MARKING - 12 INCH (WHITE)   |
|  | TEMPORARY SIGN   | (6)  | EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)  |
|  | TEMPORARY CONCRETE BARRIER   | (7)  | EPOXY PAVEMENT MARKING - 24 INCH (WHITE)   |
|  | IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3  | (8)  | WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)   |
|  | DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS | (9)  | WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)  |
|  | DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS  |      |  |

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-IL171-Mot-prestage-SB-02.dgn	DRAWN - TMB	REVISED -
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PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -

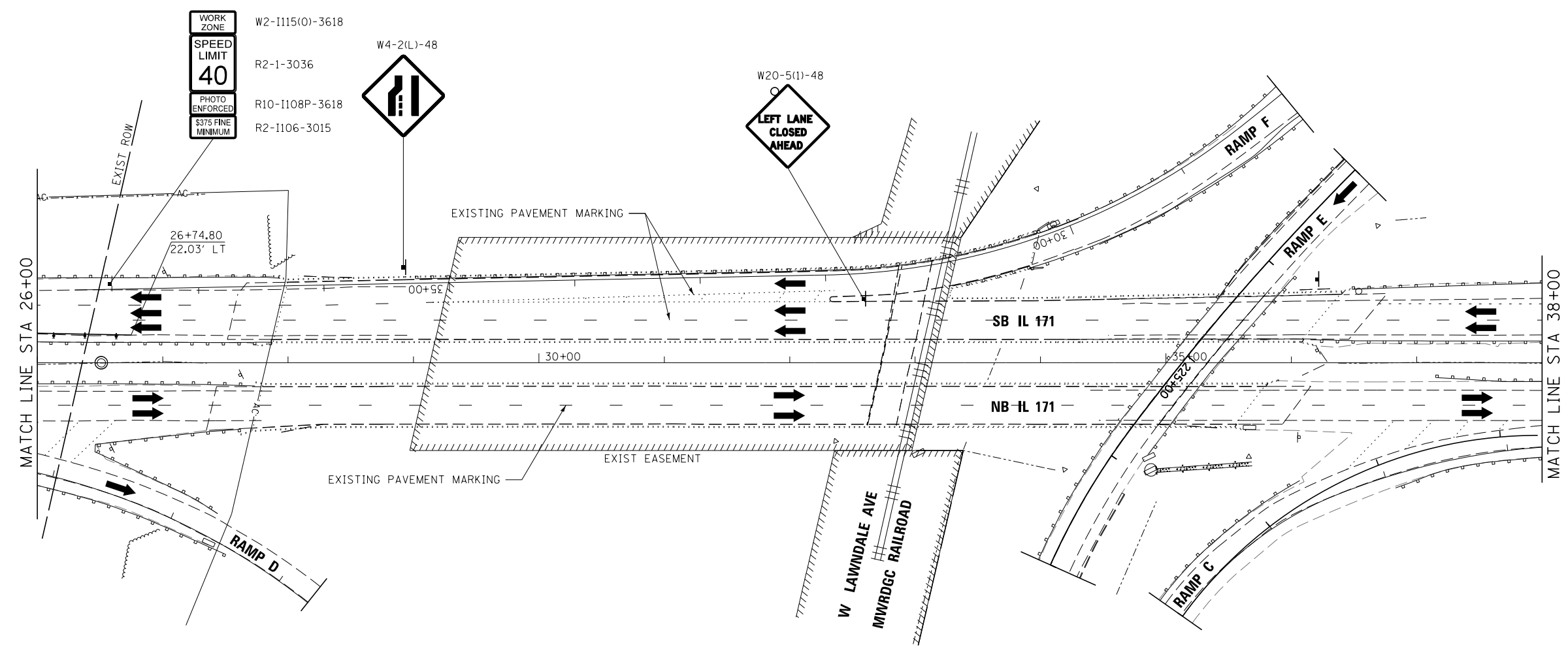
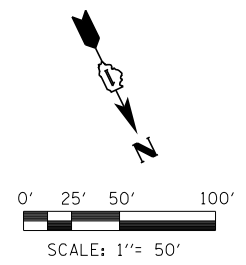


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PRESTAGE**

SCALE: 1"=50' SHEET 5 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	66
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
- TEMPORARY PAVEMENT PLACED THIS STAGE
- FLASHING ARROW BOARD
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
- ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
- ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ④G EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
- ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
- ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
- ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-IL171-Mot-prestage-SB-03.dgn	DRAWN - TMB	REVISED -
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PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -



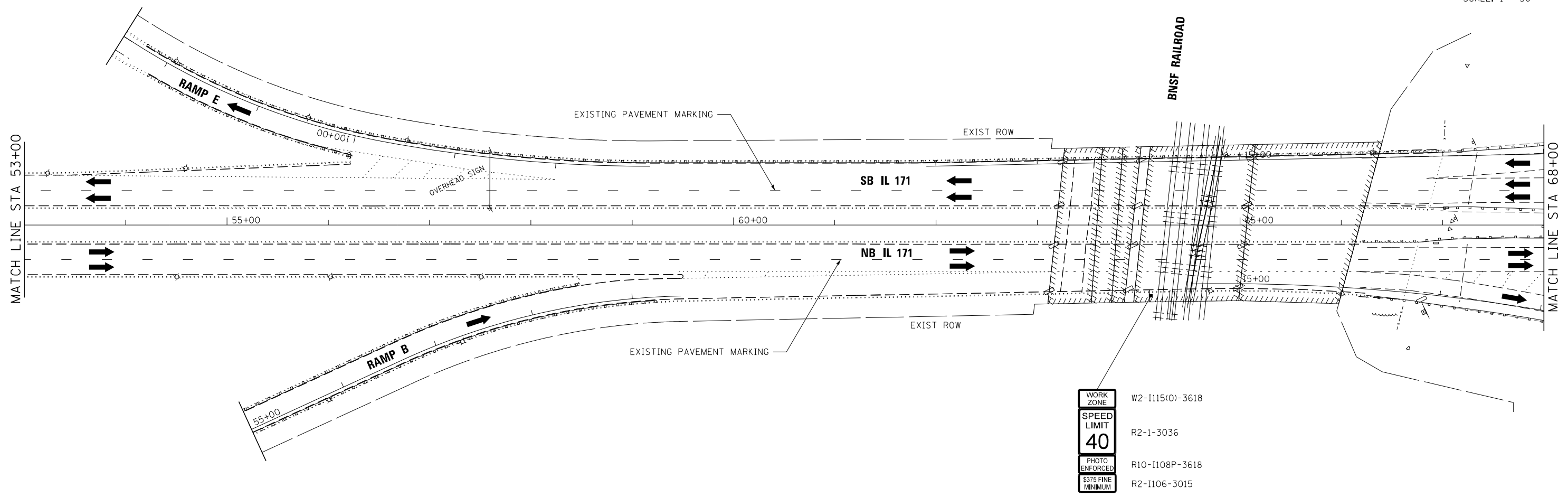
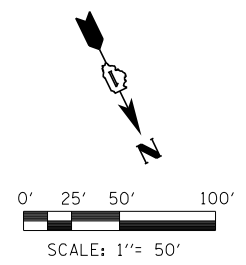
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PRESTAGE**

SCALE: 1"=50' SHEET 6 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	67
CONTRACT NO. 60J16				

ILLINOIS FED. AID PROJECT



WORK ZONE	W2-1115(0)-3618
SPEED LIMIT	R2-1-3036
40	
PHOTO ENFORCED	R10-1108P-3618
\$375 FINE MINIMUM	R2-1106-3015

**NOTE:**

THERE IS NO PROPOSED WORK FROM STA 38+00 TO STA 53+00 DURING THIS STAGE.

**LEGEND**

	WORK AREA	①	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
	TEMPORARY PAVEMENT PLACED PREVIOUS STAGE	②	EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
	TEMPORARY PAVEMENT PLACED THIS STAGE	③	EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
	FLASHING ARROW BOARD	④	EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
	TRAFFIC LANE	④a	EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
	TYPE III BARRICADES	⑤	EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
	TEMPORARY SIGN	⑥	EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
	TEMPORARY CONCRETE BARRIER	⑦	EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	⑧	WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
	DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS	⑨	WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)
	DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS		

FILE NAME =	DESIGNED - AAA	REVISED -
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PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -

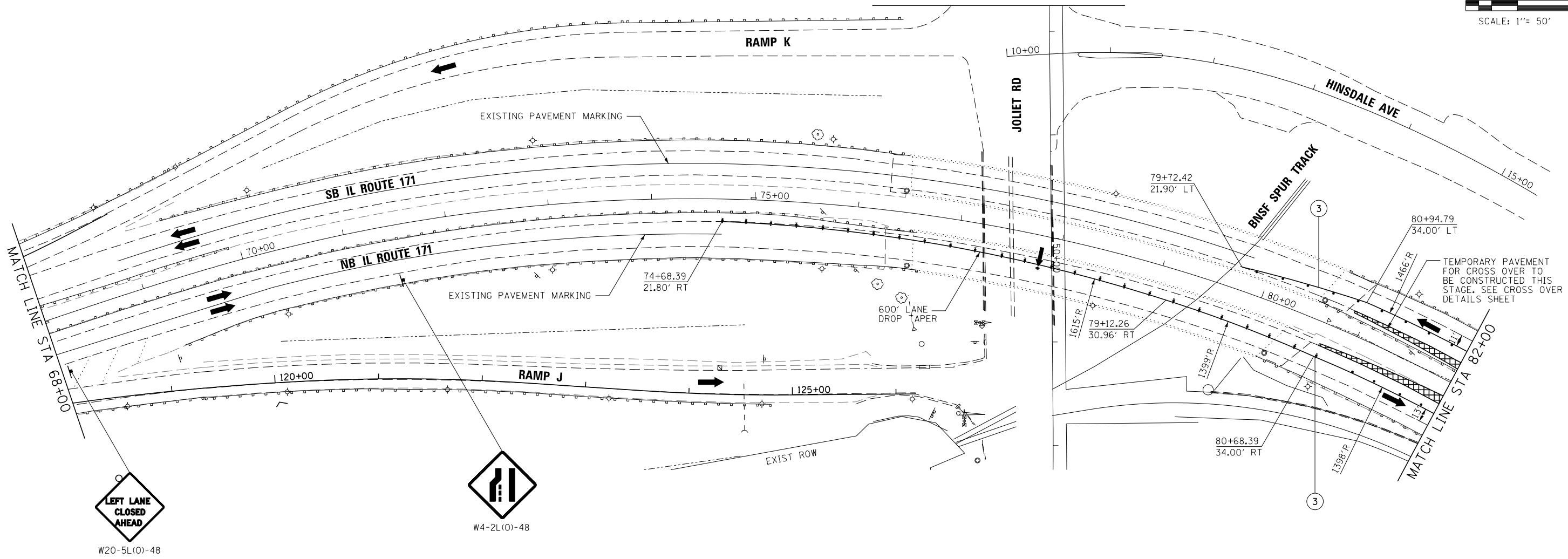
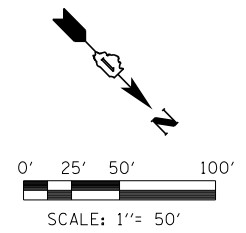


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PRESTAGE**

SCALE: 1"=50' SHEET 7 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	68
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

- |  |  |    |  |
|--|--|----|--|
|  | WORK AREA  | ①  | EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)                                   |
|  | TEMPORARY PAVEMENT PLACED PREVIOUS STAGE   | ②  | EPOXY PAVEMENT MARKING - 4 INCH (WHITE)  |
|  | TEMPORARY PAVEMENT PLACED THIS STAGE   | ③  | EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)   |
|  | FLASHING ARROW BOARD   | ④  | EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER |
|  | TRAFFIC LANE   | ④a | EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)                             |
|  | TYPE III BARRICADES  | ⑤  | EPOXY PAVEMENT MARKING - 12 INCH (WHITE)   |
|  | TEMPORARY SIGN   | ⑥  | EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)  |
|  | TEMPORARY CONCRETE BARRIER   | ⑦  | EPOXY PAVEMENT MARKING - 24 INCH (WHITE)   |
|  | IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3  | ⑧  | WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)   |
|  | DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS | ⑨  | WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)  |
|  | DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS  |    |  |

FILE NAME =	DESIGNED - AAA	REVISED -
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PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -



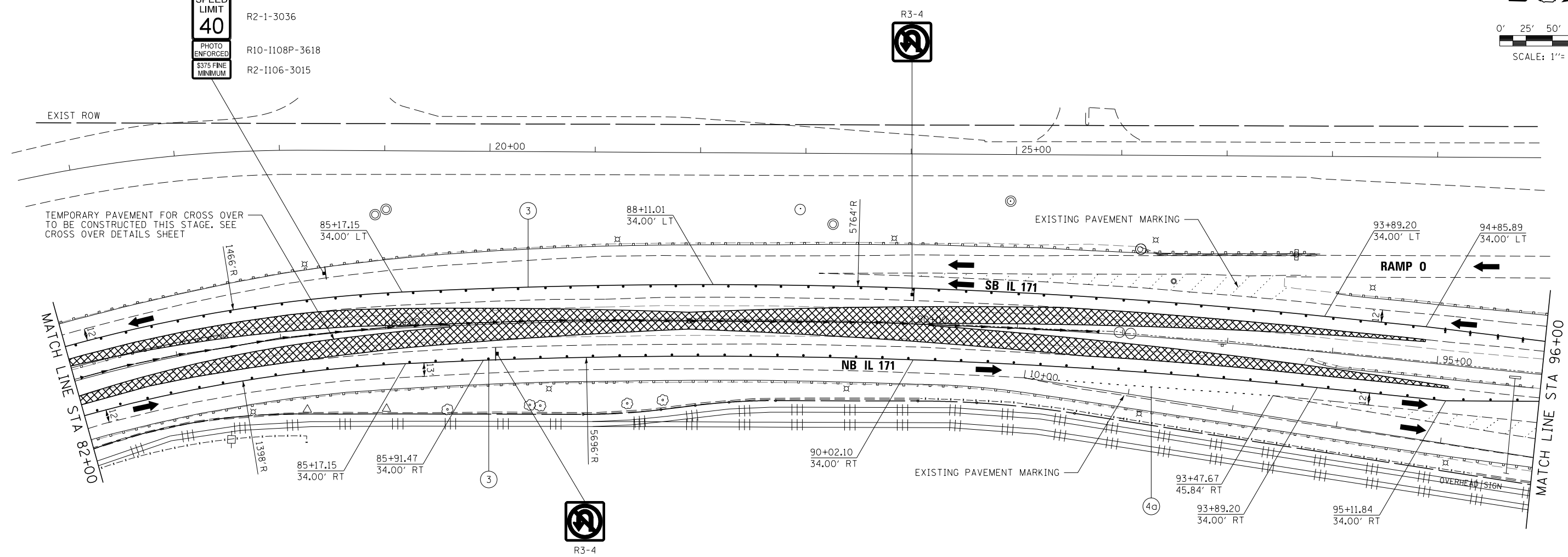
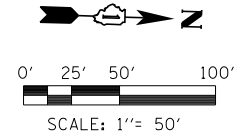
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PRESTAGE**

SCALE: 1"=50' SHEET 8 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	69
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

WORK ZONE	W2-1115(0)-3618
SPEED LIMIT	R2-1-3036
PHOTO ENFORCED	R10-1108P-3618
S375 FINE MINIMUM	R2-1106-3015



**LEGEND**

- |  |  |      |  |
|--|--|------|--|
|  | WORK AREA  | (1)  | EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)                                   |
|  | TEMPORARY PAVEMENT PLACED PREVIOUS STAGE   | (2)  | EPOXY PAVEMENT MARKING - 4 INCH (WHITE)  |
|  | TEMPORARY PAVEMENT PLACED THIS STAGE   | (3)  | EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)   |
|  | FLASHING ARROW BOARD   | (4)  | EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER |
|  | TRAFFIC LANE   | (4a) | EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)                             |
|  | TYPE III BARRICADES  | (5)  | EPOXY PAVEMENT MARKING - 12 INCH (WHITE)   |
|  | TEMPORARY SIGN   | (6)  | EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)  |
|  | TEMPORARY CONCRETE BARRIER   | (7)  | EPOXY PAVEMENT MARKING - 24 INCH (WHITE)   |
|  | IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3  | (8)  | WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)   |
|  | DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS | (9)  | WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)  |
|  | DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS  |      |  |

FILE NAME =	DESIGNED - AAA	REVISED -
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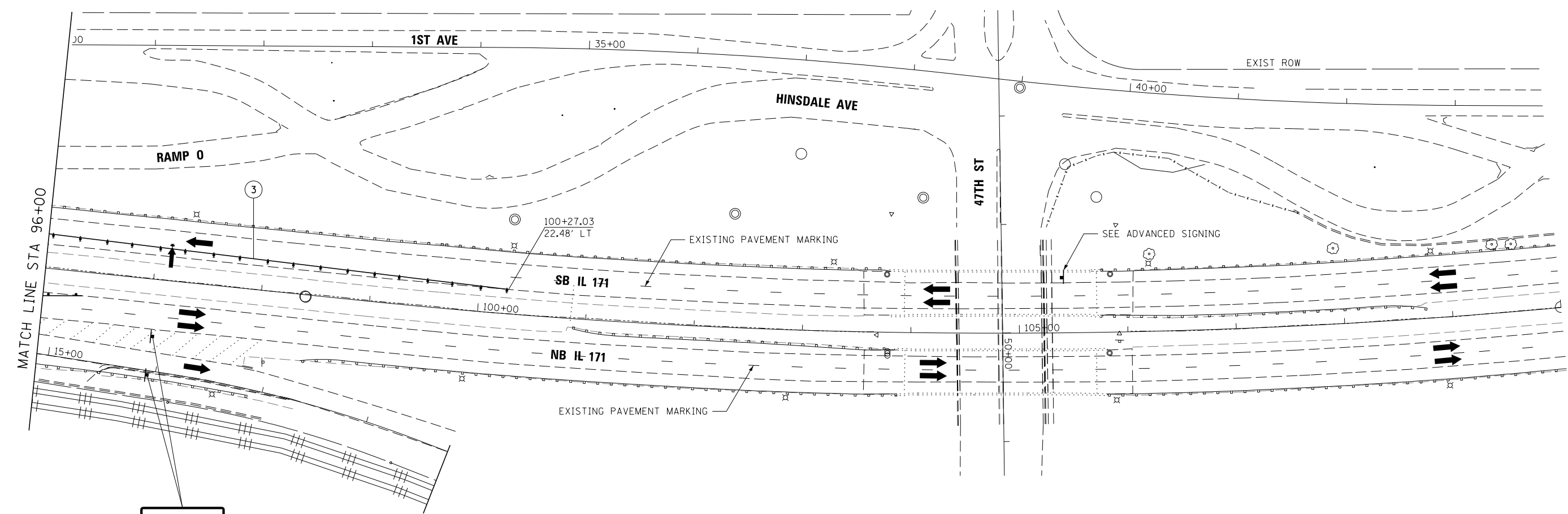
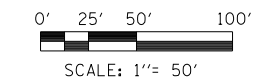
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PRESTAGE**

SCALE: 1"=50' SHEET 9 OF 50 SHEETS STA. TO STA.

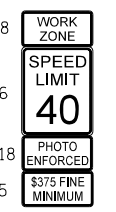
F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	70
CONTRACT NO. 60J16				

ILLINOIS FED. AID PROJECT

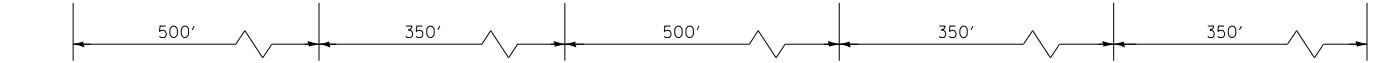


END WORK ZONE SPEED LIMIT  
G20-1103(O)-3660

- W2-1115(O)-3618
- R2-1-3036
- R10-1108P-3618
- R2-1106-3015



W3-5-48      W4-2(L)-48      W20-5(O)-48      W20-1103(O)-48



**LEGEND**

- WORK AREA
  - TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
  - TEMPORARY PAVEMENT PLACED THIS STAGE
  - FLASHING ARROW BOARD
  - TRAFFIC LANE
  - TYPE III BARRICADES
  - TEMPORARY SIGN
  - TEMPORARY CONCRETE BARRIER
  - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
  - DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
  - DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- (1) EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
  - (2) EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
  - (3) EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
  - (4) EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
  - (4a) EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
  - (5) EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
  - (6) EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
  - (7) EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
  - (8) WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
  - (9) WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

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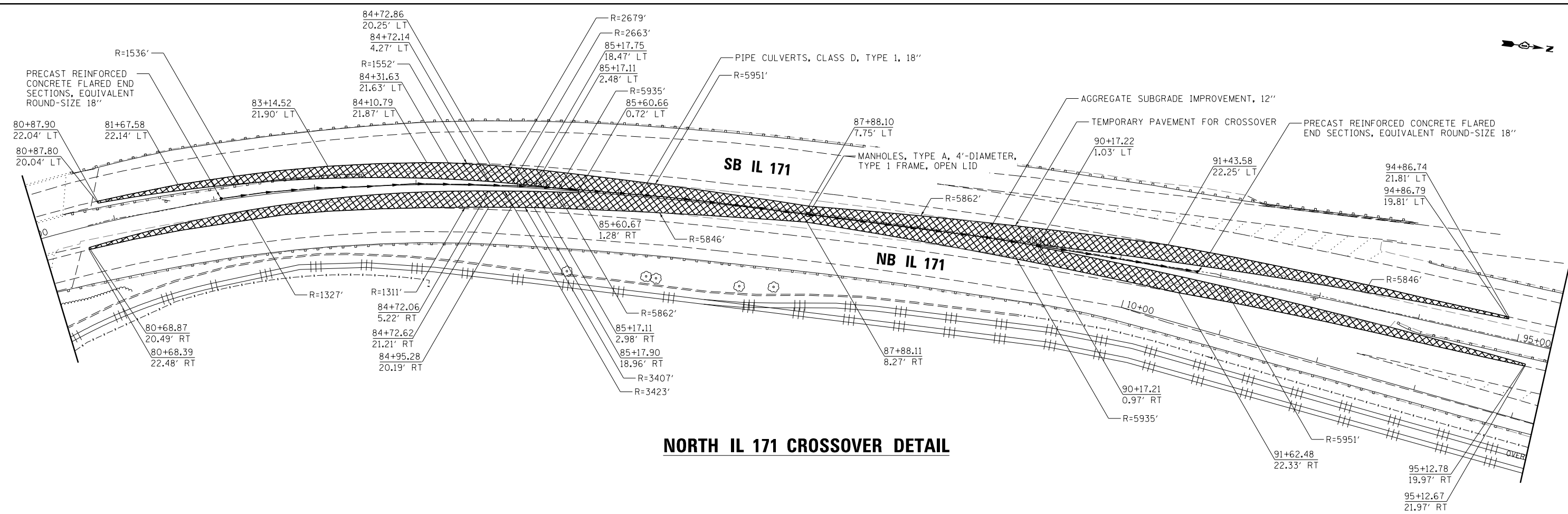


**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

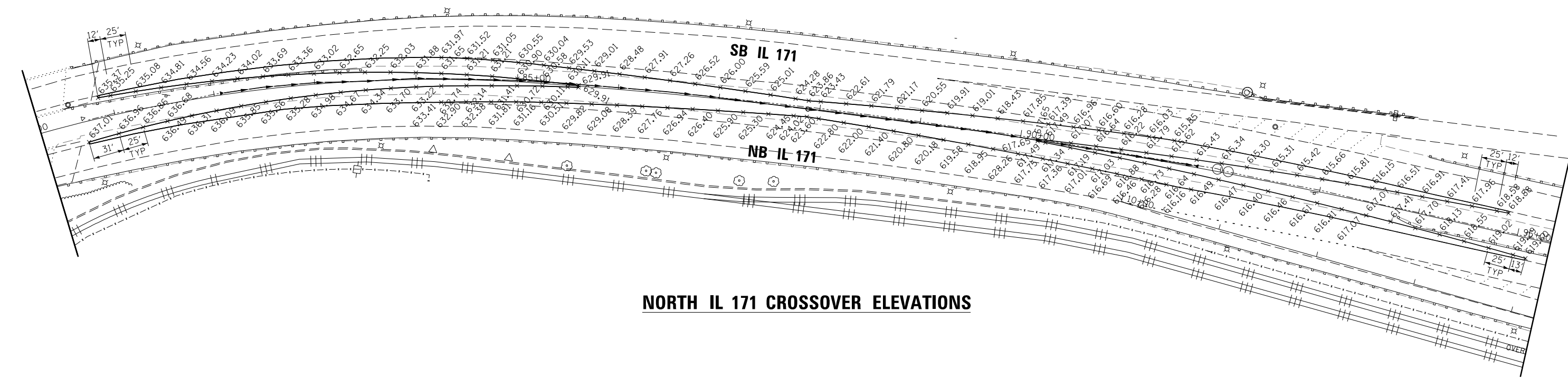
**MAINTENANCE OF TRAFFIC PRESTAGE**

SCALE: 1"=50'    SHEET 10 OF 50 SHEETS    STA.    TO STA.


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	71
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				



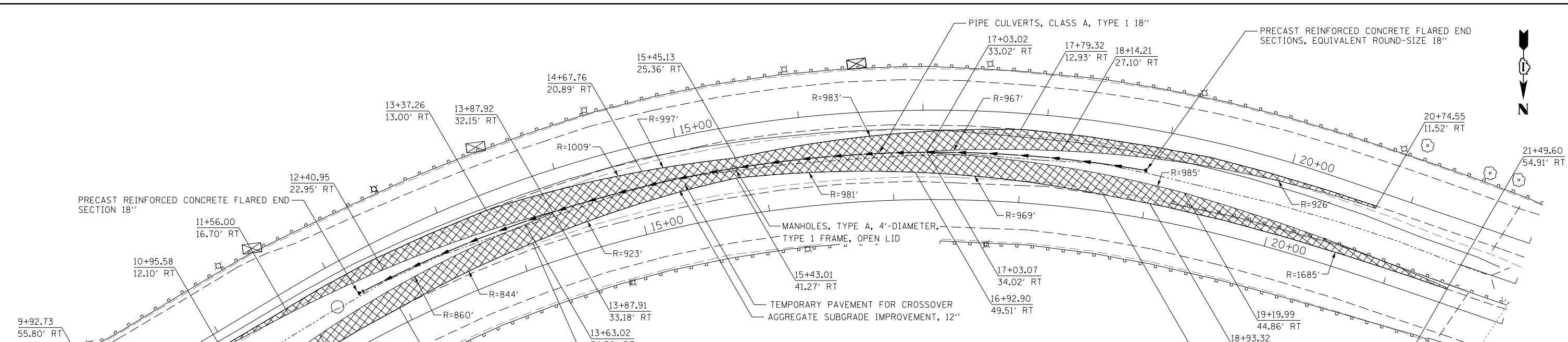
**NORTH IL 171 CROSSOVER DETAIL**



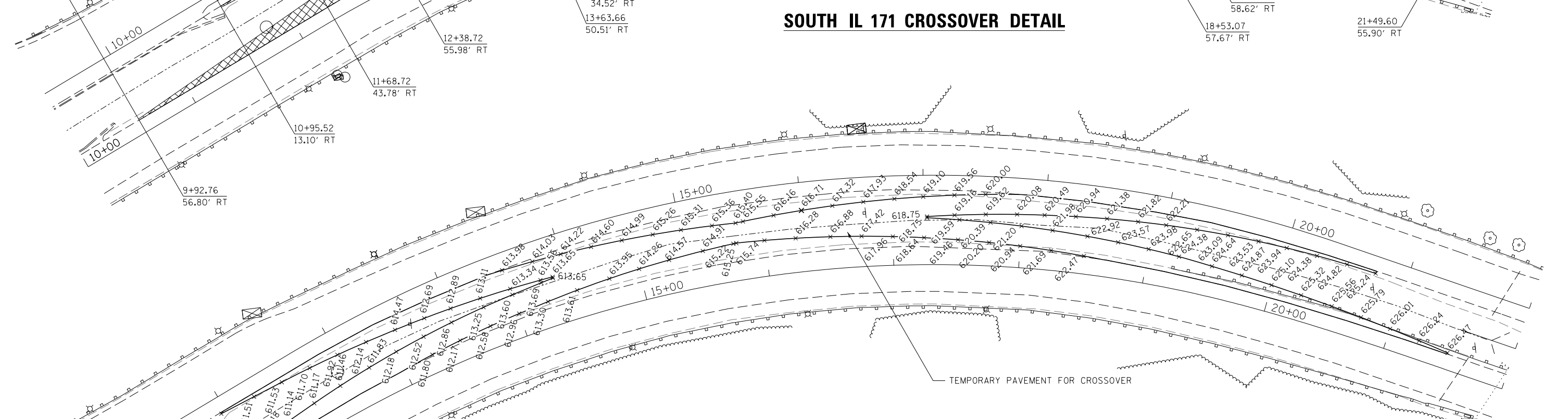
**NORTH IL 171 CROSSOVER ELEVATIONS**

FILE NAME =	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC</b> <b>CROSSOVER - NORTH END</b>	F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
... \D160J16-sht-IL171-mot-crossover-north-end.dwg	DRAWN - TMB	REVISED -				372/373	2013-038B-R	COOK	821	72	
USER NAME = tblank	CHECKED - JMM	REVISED -				CONTRACT NO. 60J16					
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -				ILLINOIS FED. AID PROJECT					
						SHEET 11 OF 50 SHEETS	STA.	TO STA.			





### SOUTH IL 171 CROSSOVER DETAIL



### SOUTH IL 171 CROSSOVER ELEVATIONS

FILE NAME = ...\\D160J16-sht-IL171-mot-crossoversouthend.dwg	DESIGNED - AAA	REVISED -
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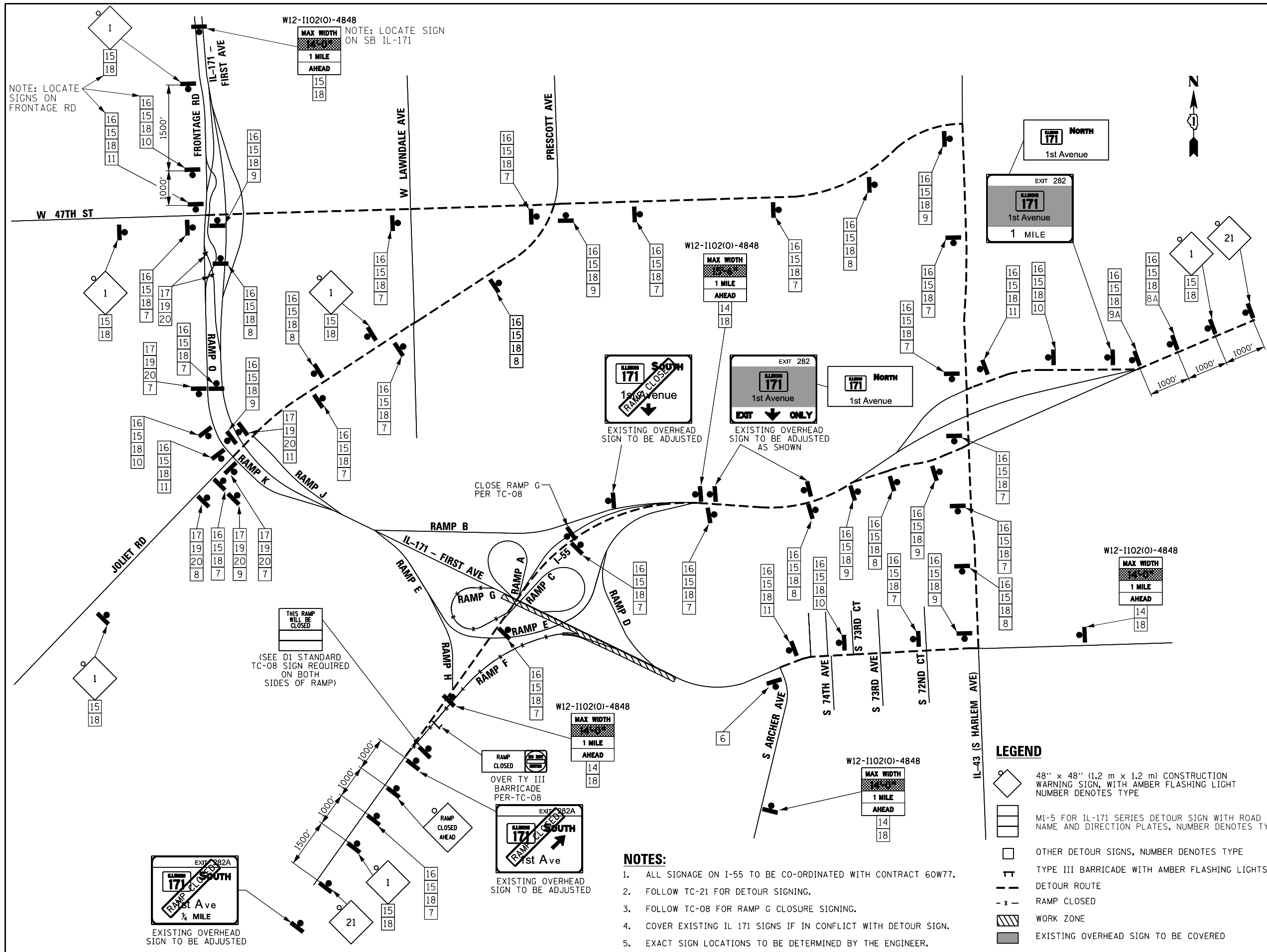


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
CROSSOVER - SOUTH END

SHEET 12 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 73
CONTRACT NO. 60J16				ILLINOIS FED. AID PROJECT



**SCHEDULE OF SIGNS**

SIGN NUMBER	SIGN TYPE	DESCRIPTION
1	DETOUR AHEAD	W20-2 (0) 48
2	EXIT CLOSED	E5-2a-4836
3	ROAD CLOSED	R11-4 6030
4	DETOUR	M4-10 (0) 4818
5	DETOUR	M4-10 (0) 4818
6	END DETOUR	M4-8a (0) 2418
7	ARROW	M6-3 2115
8	ARROW	M5-1R 2115
8A	ARROW	M5-2R 2115
9	ARROW	M6-1R 2115
9A	ARROW	M6-2R 2115
10	ARROW	M5-1L 2115
11	ARROW	M6-1L 2015:30"
12	NO LEFT TURN	R3-2 30"x30" R3-2 30"x30"
13	NO RIGHT TURN	R3-2 30"x30" R3-2 30"x30"
14	NORTH	M3-4 (0) 2412 M3-2 (0) 2412
15	SOUTH	M3-4 (0) 2412
16	DETOUR	M1-7 2412
17	TO	R2-1-1212
18	ILLINOIS 171	M1-5-4536
19	SHIELD 55	M1-1-3636
20	ONLY	M4-5-3618
21	ROAD CONSTRUCTION AHEAD	W20-1103-48

**LEGEND**

- ◇ 48" x 48" (1.2 m x 1.2 m) CONSTRUCTION WARNING SIGN, WITH AMBER FLASHING LIGHT NUMBER DENOTES TYPE
- M1-5 FOR IL-171 SERIES DETOUR SIGN WITH ROAD NAME AND DIRECTION PLATES, NUMBER DENOTES TYPE
- OTHER DETOUR SIGNS, NUMBER DENOTES TYPE
- TT TYPE III BARRICADE WITH AMBER FLASHING LIGHTS
- - - - - DETOUR ROUTE
- x - RAMP CLOSED
- ▨ WORK ZONE
- EXISTING OVERHEAD SIGN TO BE COVERED

**NOTES:**

1. ALL SIGNAGE ON I-55 TO BE CO-ORDINATED WITH CONTRACT 60W77.
2. FOLLOW TC-21 FOR DETOUR SIGNING.
3. FOLLOW TC-08 FOR RAMP G CLOSURE SIGNING.
4. COVER EXISTING IL 171 SIGNS IF IN CONFLICT WITH DETOUR SIGN.
5. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.



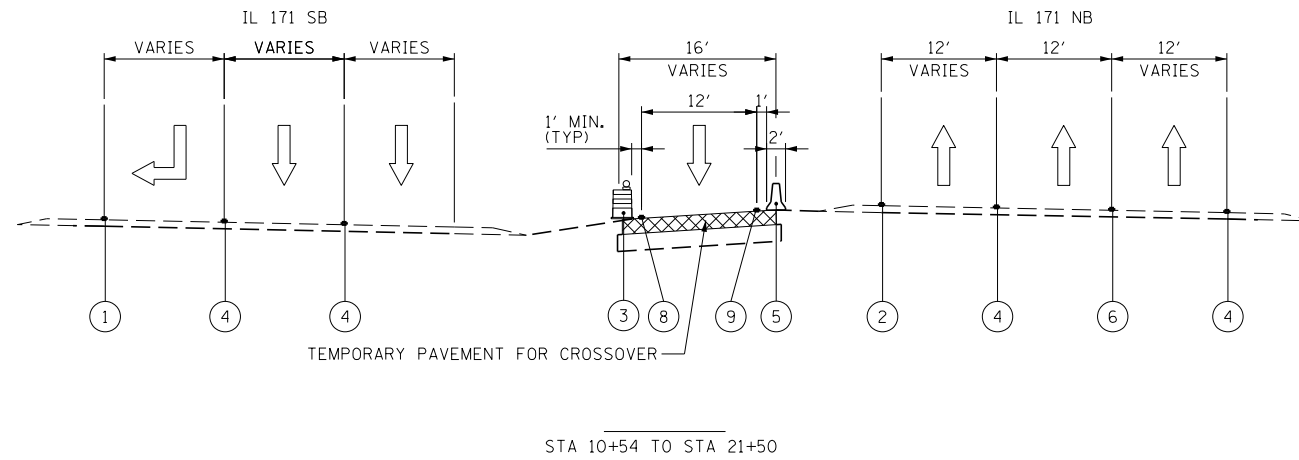
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PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

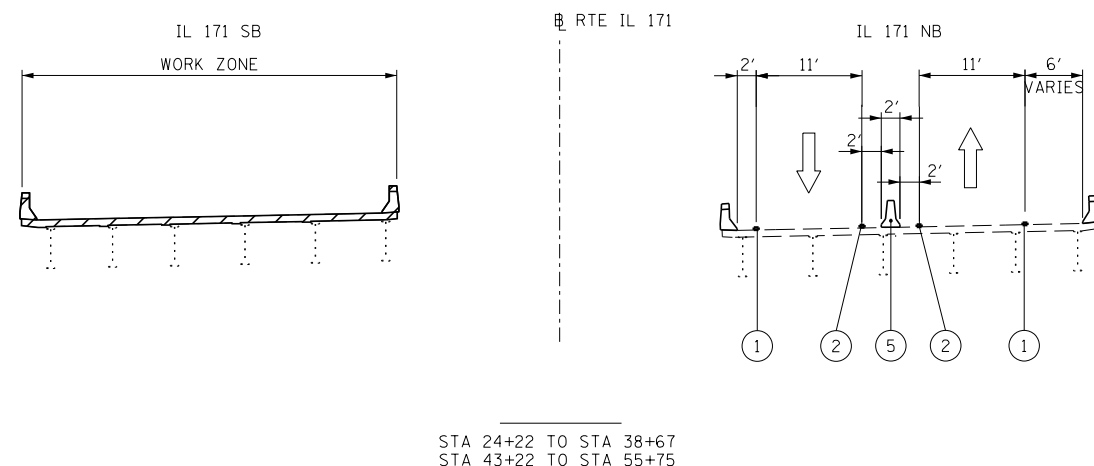
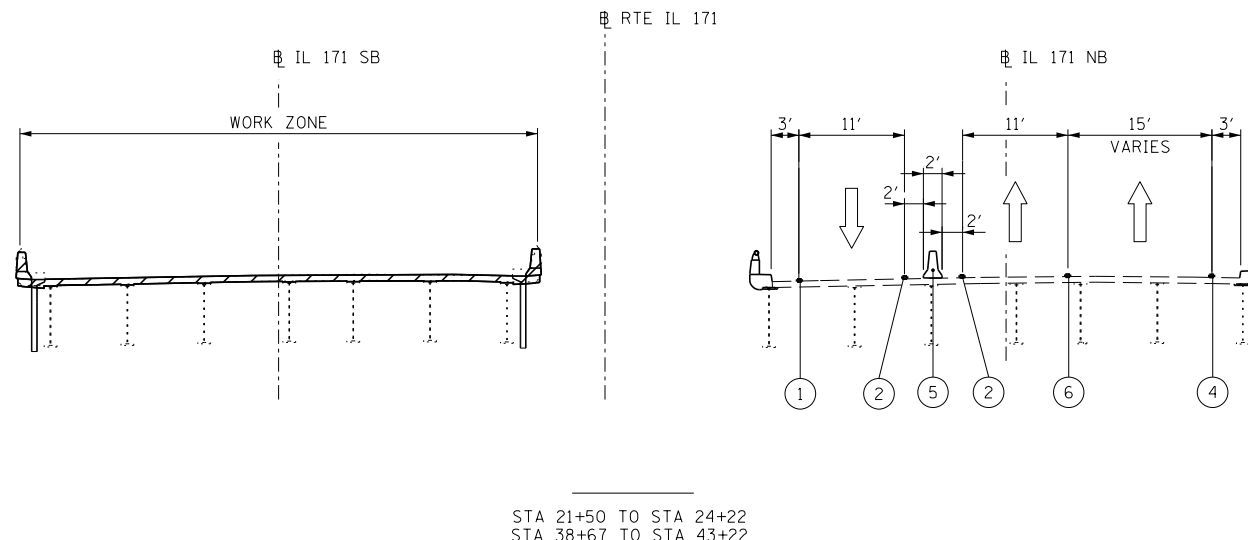
<b>MAINTENANCE OF TRAFFIC DETOUR 1A</b>	
SHEET 13 OF 50 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	74
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

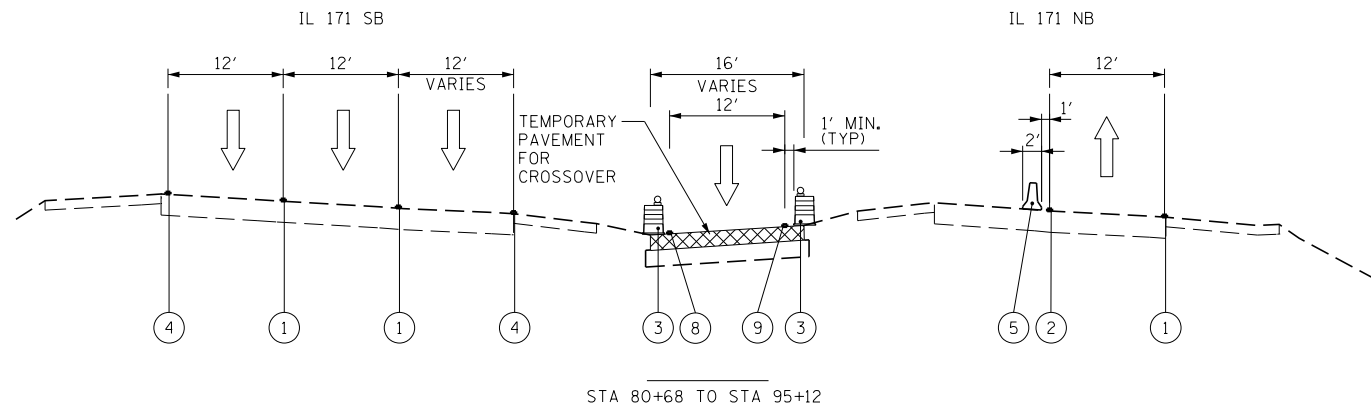


- LEGEND**
- ① TEMPORARY PAVEMENT MARKING - 4 INCH WHITE
  - ② TEMPORARY PAVEMENT MARKING - 4 INCH YELLOW
  - ③ DRUM W/STEADY BURN MONODIRECTIONAL LIGHT
  - ④ EXISTING PAVEMENT MARKING
  - ⑤ TEMPORARY CONCRETE BARRIER
  - ⑥ TEMPORARY PAVEMENT MARKING - 6 INCH WHITE W/TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
  - ⑦ TEMPORARY PAVEMENT MARKING PLACED IN PREVIOUS STAGE
  - ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
  - ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)
- WORK AREA
  - TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
  - TEMPORARY PAVEMENT PLACED THIS STAGE

**NOTE:**  
SEE TEMPORARY PAVEMENT (CROSSOVER) DETAIL SHEETS FOR SPOT ELEVATIONS.

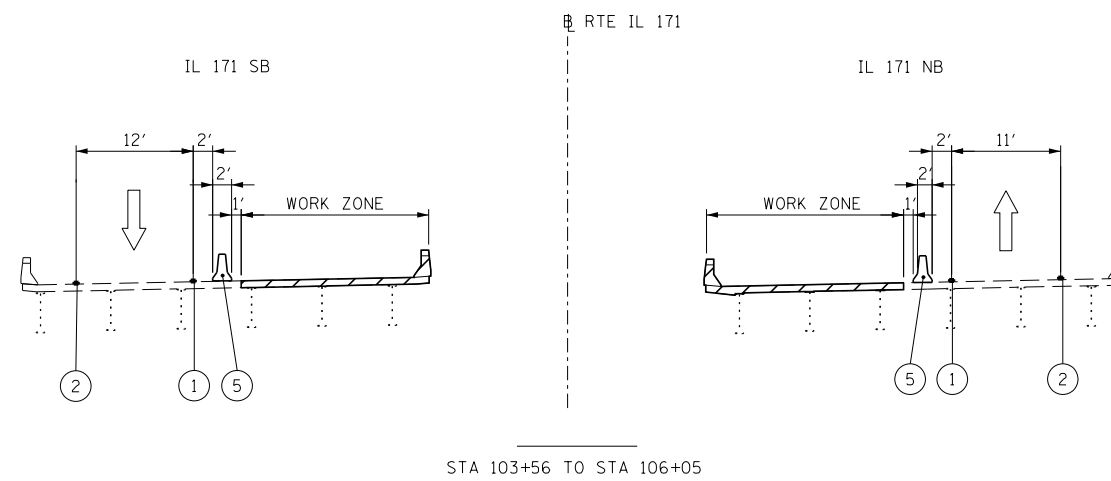
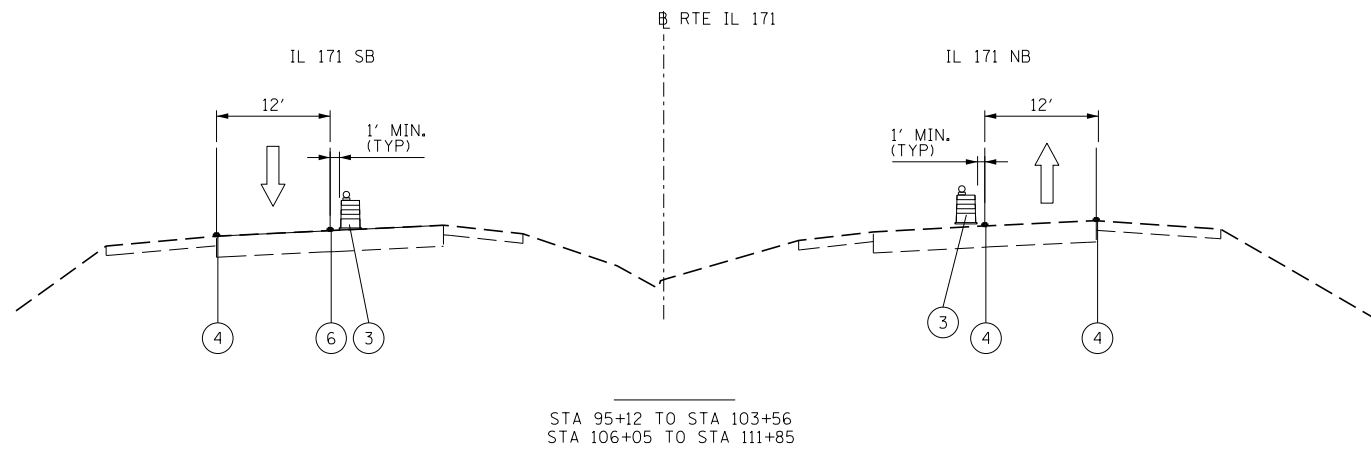


FILE NAME = ...\\D160J16-sht-MOT-extyp-stgIA-01.dgn	DESIGNED - AAA	REVISED -	<p><b>benesch</b> engineers · scientists · planners</p>	<p><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>MAINTENANCE OF TRAFFIC</b> <b>STAGE 1A</b></p>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = tblank	DRAWN - TMB	REVISED -					372/373	2013-038B-R	COOK	821	75
PLOT DATE = 8/7/2014	CHECKED - JMM	REVISED -			SHEET 14 OF 50 SHEETS		STA.	TO STA.	CONTRACT NO. 60J16		ILLINOIS FED. AID PROJECT
DATE - 6/23/2014	REVISOR -	REVISED -									



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING - 4 INCH WHITE
  - ② TEMPORARY PAVEMENT MARKING - 4 INCH YELLOW
  - ③ DRUM W/STEADY BURN MONODIRECTIONAL LIGHT
  - ④ EXISTING PAVEMENT MARKING
  - ⑤ TEMPORARY CONCRETE BARRIER
  - ⑥ TEMPORARY PAVEMENT MARKING - 6 INCH WHITE W/TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
  - ⑦ TEMPORARY PAVEMENT MARKING PLACED IN PREVIOUS STAGE
  - ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
  - ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)
- WORK AREA
  - TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
  - TEMPORARY PAVEMENT PLACED THIS STAGE

**NOTE:**  
SEE TEMPORARY PAVEMENT (CROSSOVER) DETAIL SHEETS FOR SPOT ELEVATIONS.



FILE NAME =	DESIGNED - AAA	REVISED -
... \D160J16-sht-MOT-extyp-stg1A-02.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -

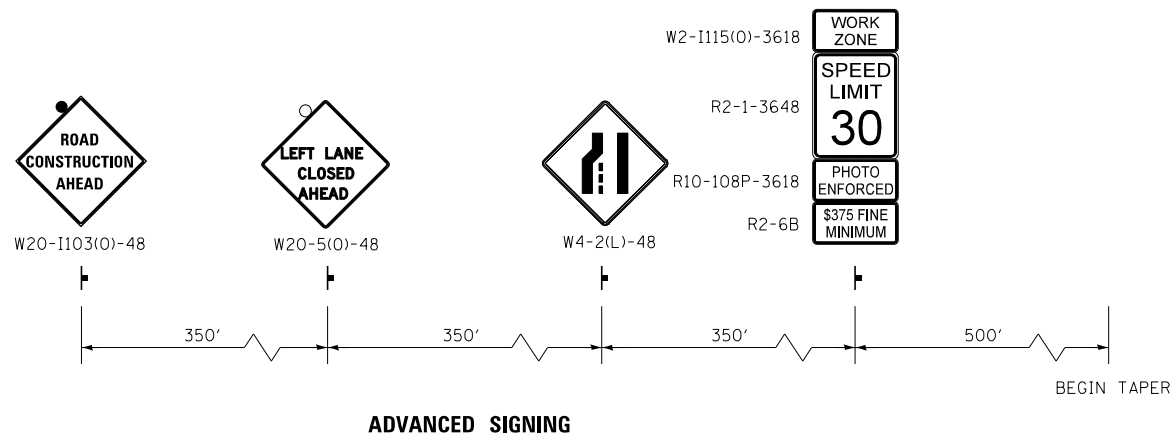
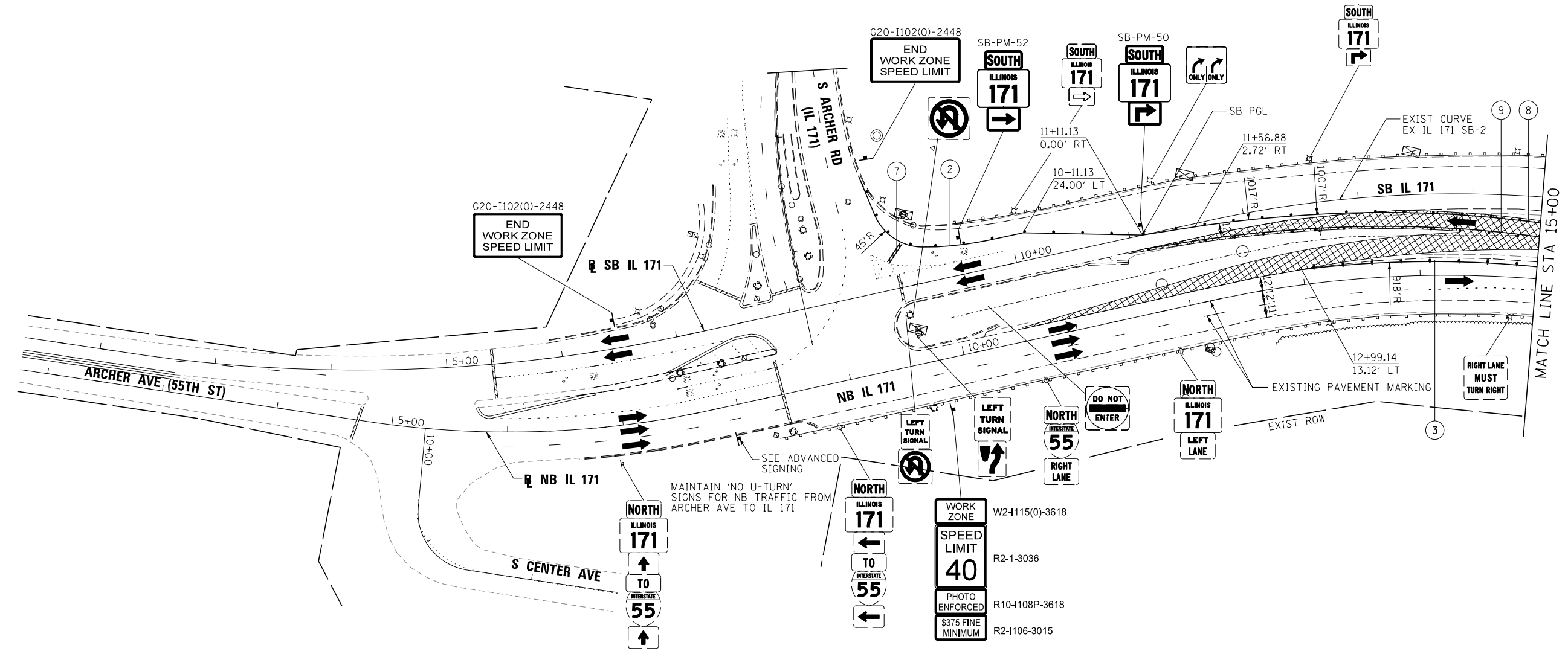
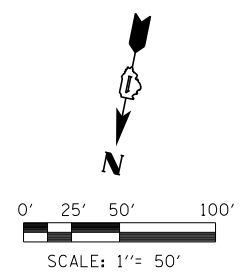


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**






















**MAINTENANCE OF TRAFFIC  
STAGE 1A**


SHEET 15 OF 50 SHEETS STA. TO STA.

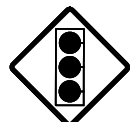
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	76
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

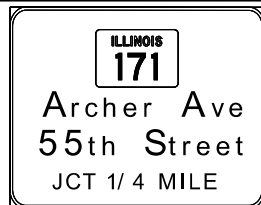
-  WORK AREA
-  TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
-  TEMPORARY PAVEMENT PLACED THIS STAGE
-  FLASHING ARROW BOARD
-  TRAFFIC LANE
-  TYPE III BARRICADES
-  TEMPORARY SIGN
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
-  DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
-  DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
-  EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
-  EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
-  EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
-  EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
-  EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
-  EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
-  EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
-  EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
-  WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
-  WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME = ...\\D160J16-sht-IL171-Mot-St1a-SB-01.dgn	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC</b> <b>STAGE 1A</b>		F.A.P. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = agibson	DRAWN - TMB	REVISED -					372/373	2013-038B-R	COOK	821	77
PLOT DATE = 8/20/2014	CHECKED - JMM	REVISED -			SCALE: 1"=50'		SHEET 16 OF 50 SHEETS	STA.	TO STA.	CONTRACT NO. 60J16	
	DATE - 6/23/2014	REVISED -			ILLINOIS FED. AID PROJECT						

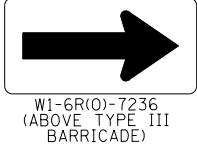
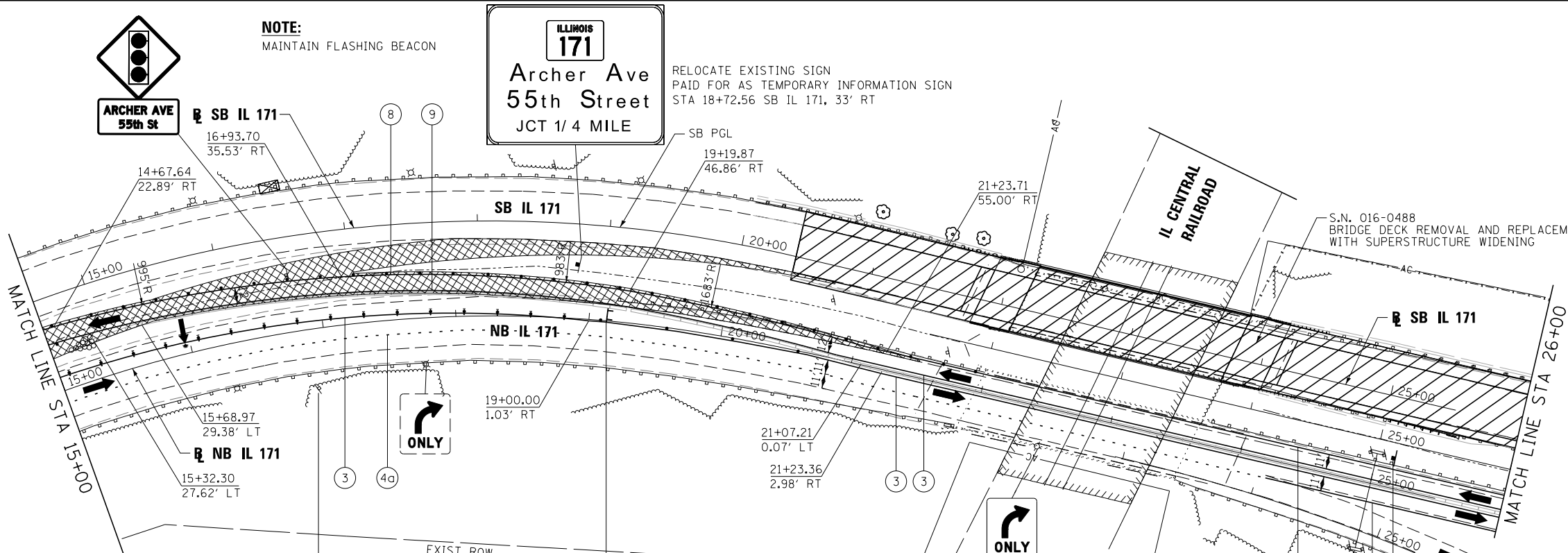
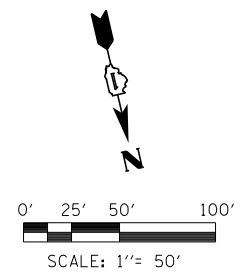


ARCHER AVE  
55th St

NOTE:  
MAINTAIN FLASHING BEACON



RELOCATE EXISTING SIGN  
PAID FOR AS TEMPORARY INFORMATION SIGN  
STA 18+72.56 SB IL 171, 33' RT



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
- TEMPORARY PAVEMENT PLACED THIS STAGE
- FLASHING ARROW BOARD
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
- ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
- ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
- ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
- ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
- ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-IL171-Mot-St1a-SB-02.dgn	DRAWN - TMB	REVISED -
USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -

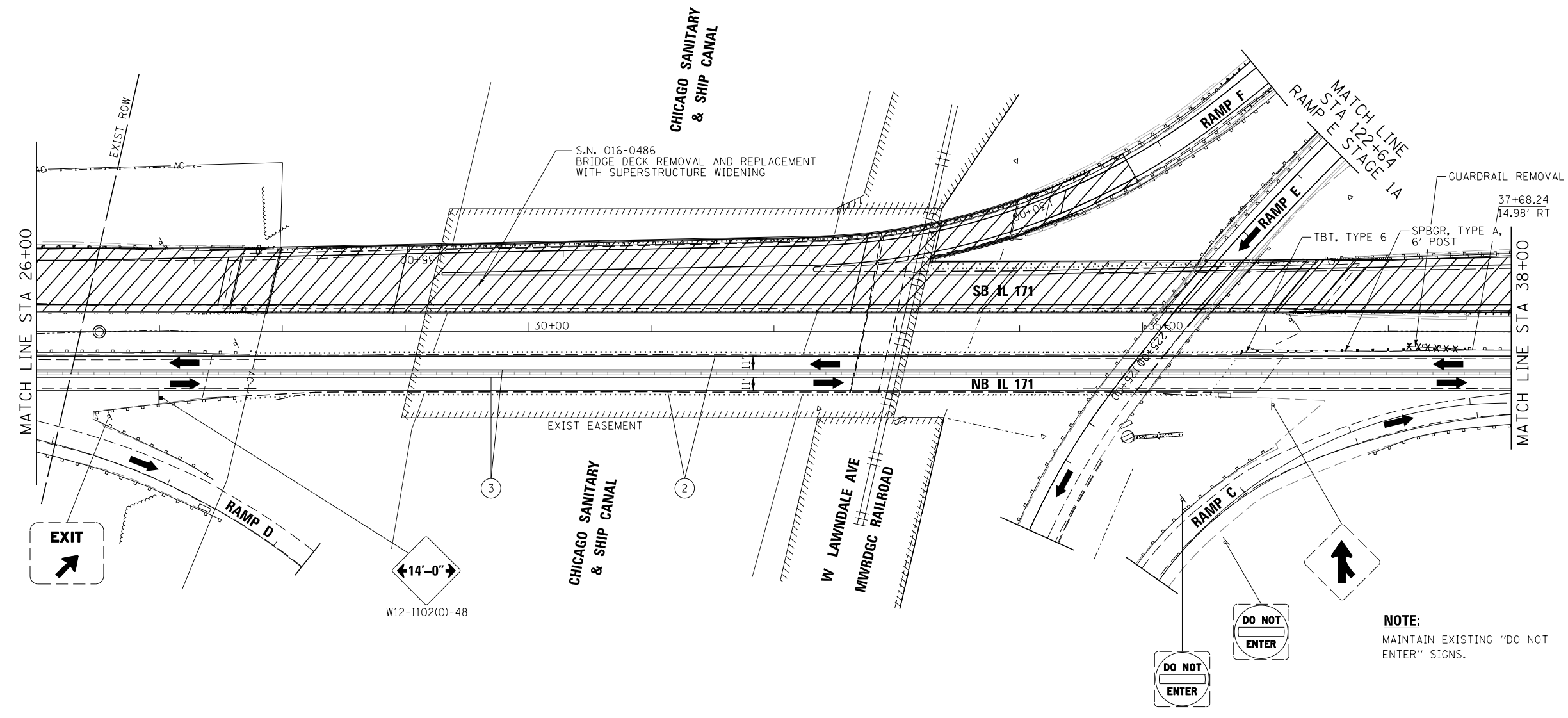
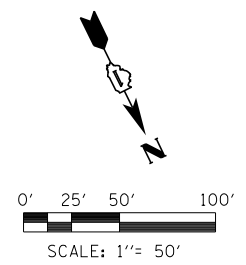


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
STAGE 1A






















SCALE: 1"=50' SHEET 17 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	78
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



W12-1102(10)-48

**LEGEND**

-  WORK AREA
-  TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
-  TEMPORARY PAVEMENT PLACED THIS STAGE
-  FLASHING ARROW BOARD
-  TRAFFIC LANE
-  TYPE III BARRICADES
-  TEMPORARY SIGN
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
-  DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
-  DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
-  ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
-  ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
-  ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
-  ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
-  ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
-  ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
-  ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
-  ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
-  ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
-  ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED - AAA	REVISED -
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USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -

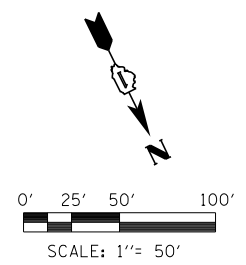


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

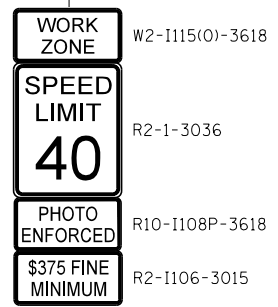
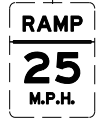
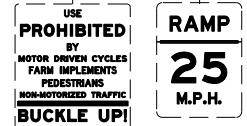
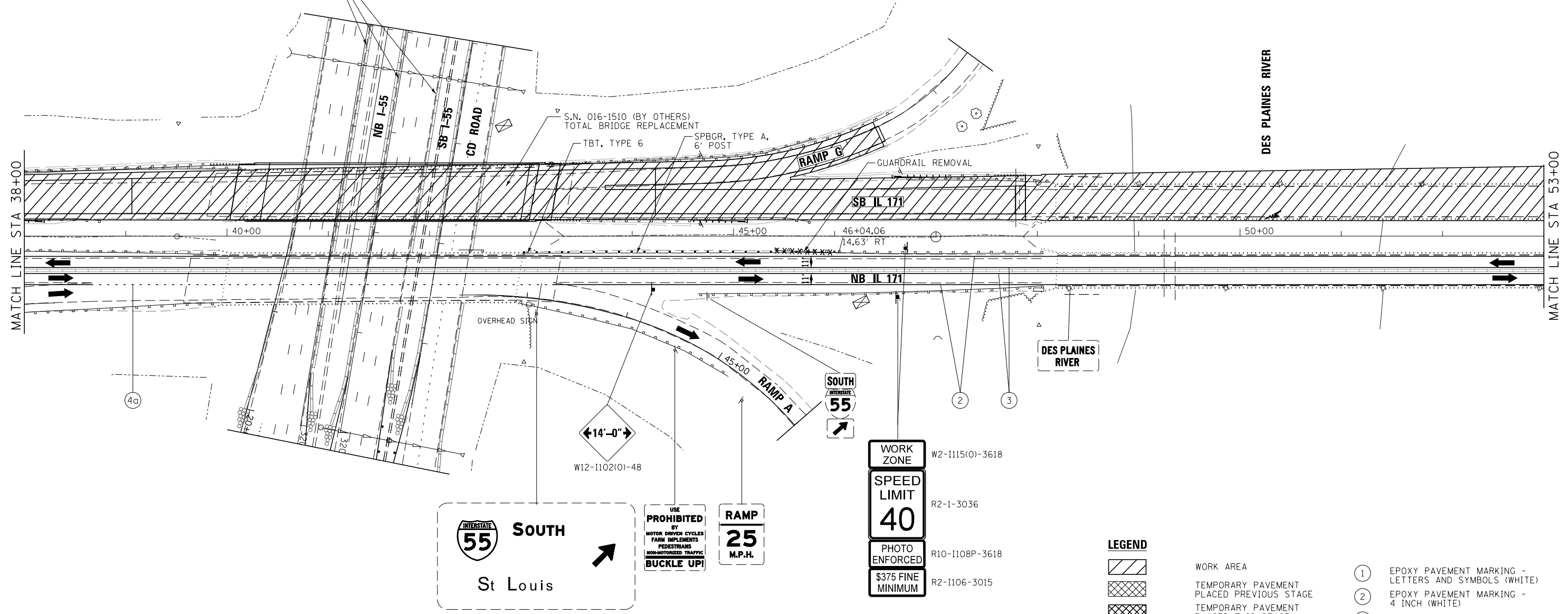
**MAINTENANCE OF TRAFFIC  
STAGE 1A**

SCALE: 1"=50' SHEET 18 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	79
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



MAINTENANCE OF TRAFFIC ON I-55 TO BE INSTALLED (BY OTHERS). CONTRACTOR TO COORDINATE WITH CONTRACT 60W77



**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
- TEMPORARY PAVEMENT PLACED THIS STAGE
- FLASHING ARROW BOARD
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
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- ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
- ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
- ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
- ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
- ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED - AAA	REVISED -
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USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -



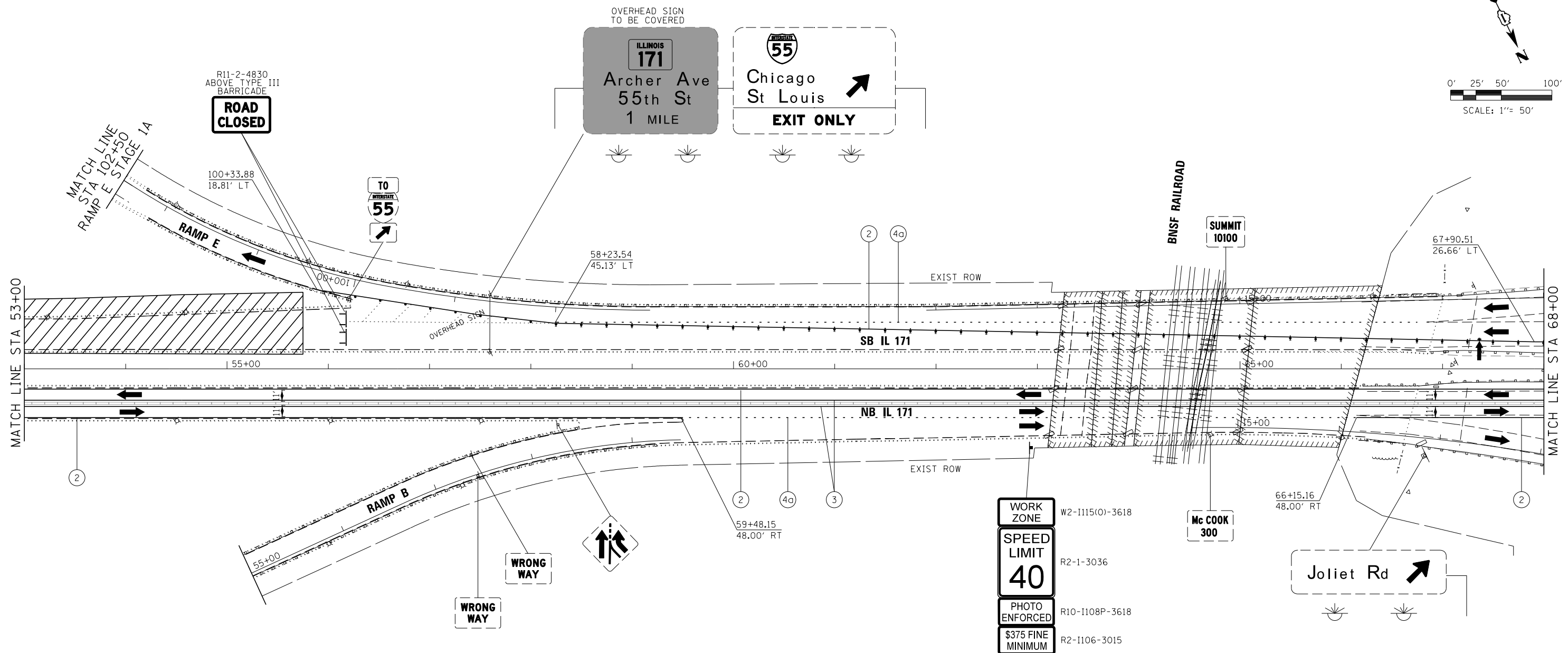
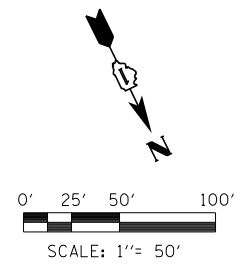
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC  
STAGE 1A**

SCALE: 1"=50' SHEET 19 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	80
				CONTRACT NO. 60J16
ILLINOIS FED. AID PROJECT				





WORK ZONE  
W2-1115(0)-3618

SPEED LIMIT  
40  
R2-1-3036

PHOTO ENFORCED  
R10-1108P-3618

\$375 FINE MINIMUM  
R2-1106-3015

**LEGEND**

- |  |  |      |  |
|--|--|------|--|
|  | WORK AREA  | (1)  | EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)                                   |
|  | TEMPORARY PAVEMENT PLACED PREVIOUS STAGE   | (2)  | EPOXY PAVEMENT MARKING - 4 INCH (WHITE)  |
|  | TEMPORARY PAVEMENT PLACED THIS STAGE   | (3)  | EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)   |
|  | FLASHING ARROW BOARD   | (4)  | EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER |
|  | TRAFFIC LANE   | (4a) | EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)                             |
|  | TYPE III BARRICADES  | (5)  | EPOXY PAVEMENT MARKING - 12 INCH (WHITE)   |
|  | TEMPORARY SIGN   | (6)  | EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)  |
|  | TEMPORARY CONCRETE BARRIER   | (7)  | EPOXY PAVEMENT MARKING - 24 INCH (WHITE)   |
|  | IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3  | (8)  | WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)   |
|  | DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS | (9)  | WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)  |
|  | DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS  |      |  |

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-IL171-Mot-St1a-SB-05.dgn	DRAWN - TMB	REVISED -
USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -

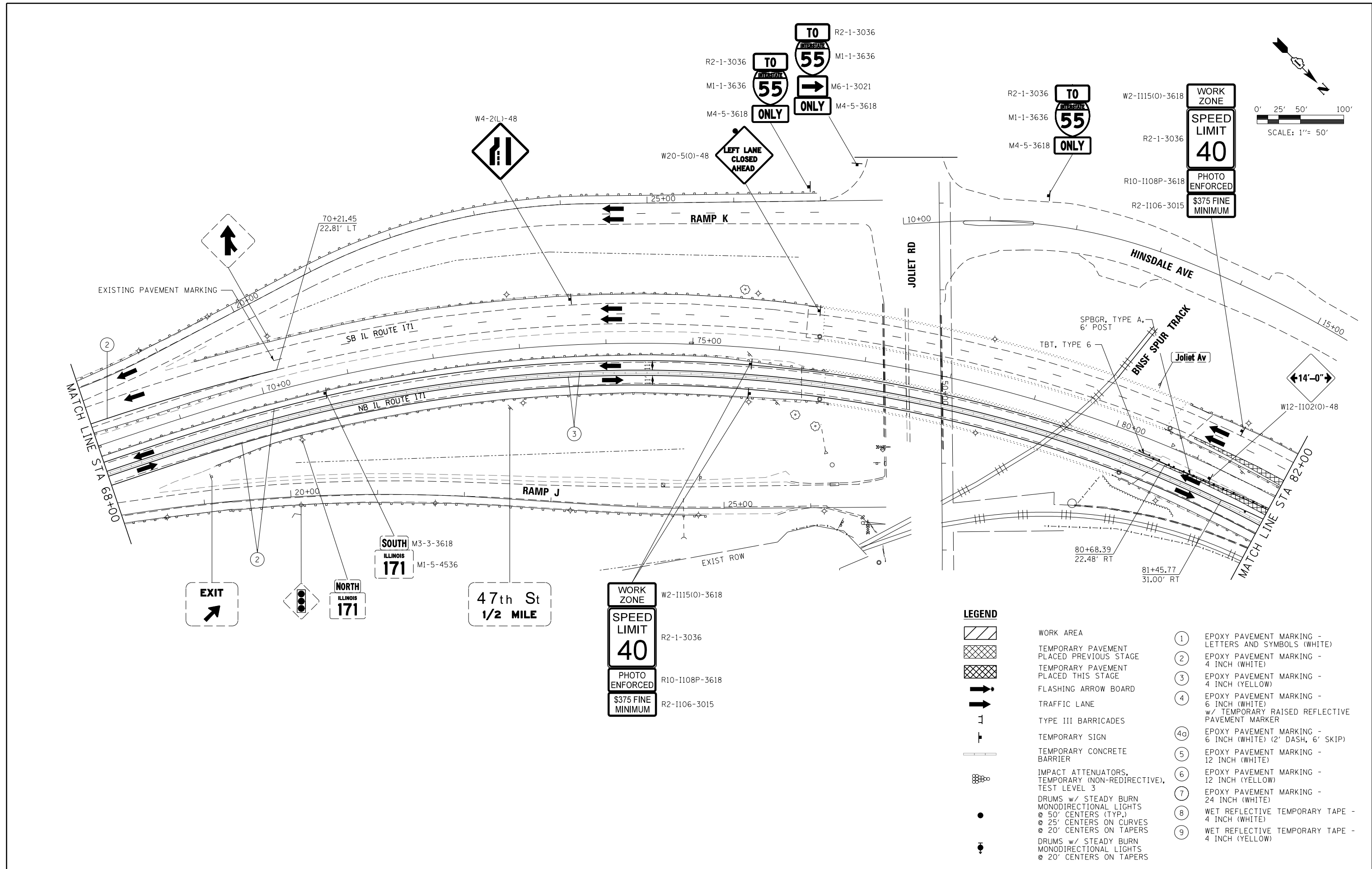
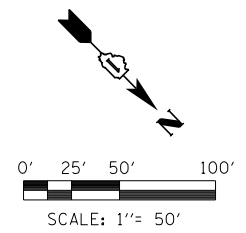


**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

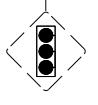
**MAINTENANCE OF TRAFFIC**  
**STAGE 1A**

SCALE: 1"=50' SHEET 20 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	81
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**EXIT**  
↗



**NORTH ILLINOIS 171**

**SOUTH ILLINOIS 171**

**47th St  
1/2 MILE**

**WORK ZONE**  
**SPEED LIMIT 40**  
**PHOTO ENFORCED**  
**\$375 FINE MINIMUM**

**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
- TEMPORARY PAVEMENT PLACED THIS STAGE
- FLASHING ARROW BOARD
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
- ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
- ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
- ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
- ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
- ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED - AAA	REVISED -
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USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -

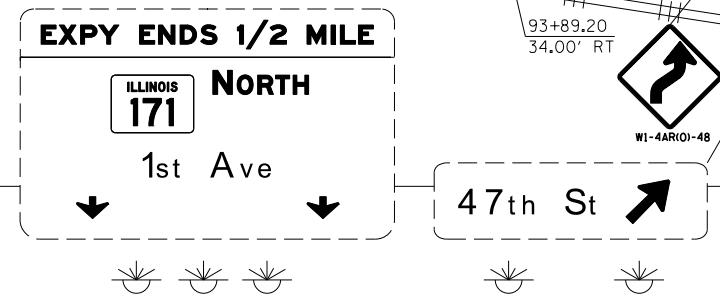
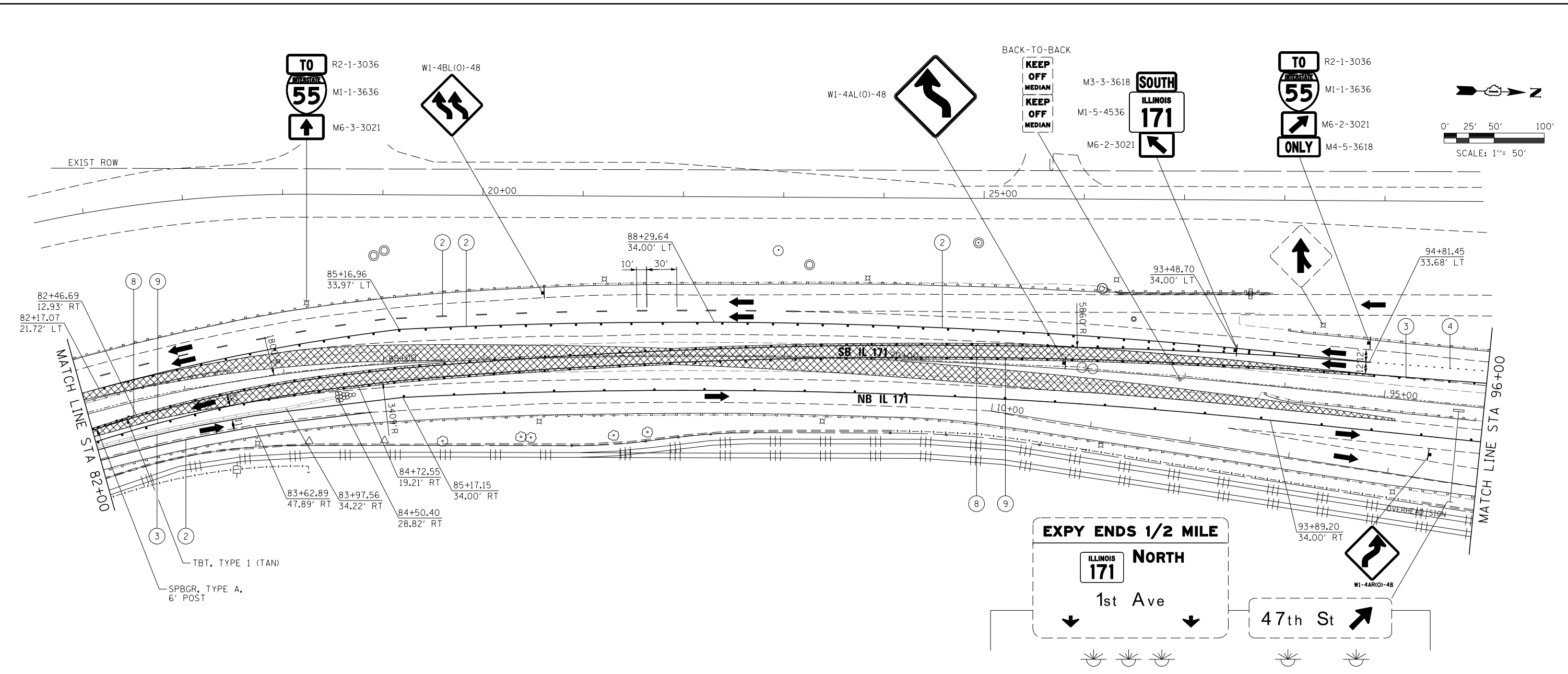


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**






















**MAINTENANCE OF TRAFFIC  
STAGE 1A**

SCALE: 1"=50' SHEET 21 OF 50 SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	82
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

-  WORK AREA
-  TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
-  TEMPORARY PAVEMENT PLACED THIS STAGE
-  FLASHING ARROW BOARD
-  TRAFFIC LANE
-  TYPE III BARRICADES
-  TEMPORARY SIGN
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
-  DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
-  DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
-  ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
-  ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
-  ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
-  ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
-  ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
-  ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
-  ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
-  ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
-  ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
-  ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

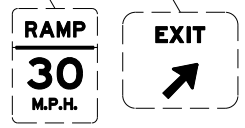
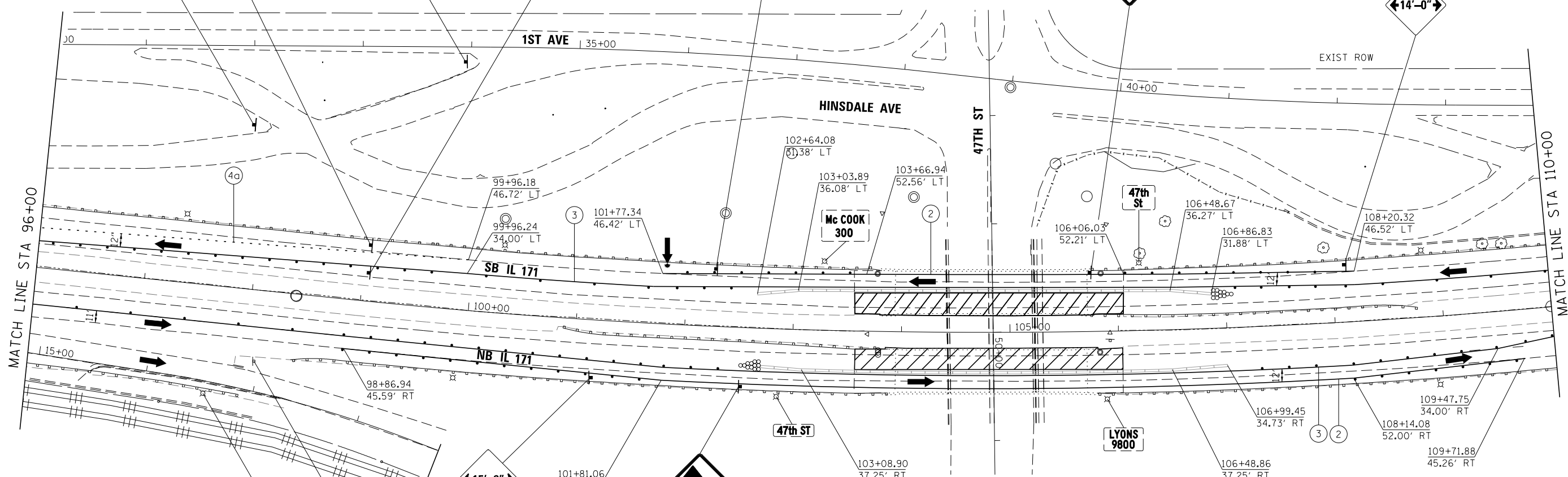
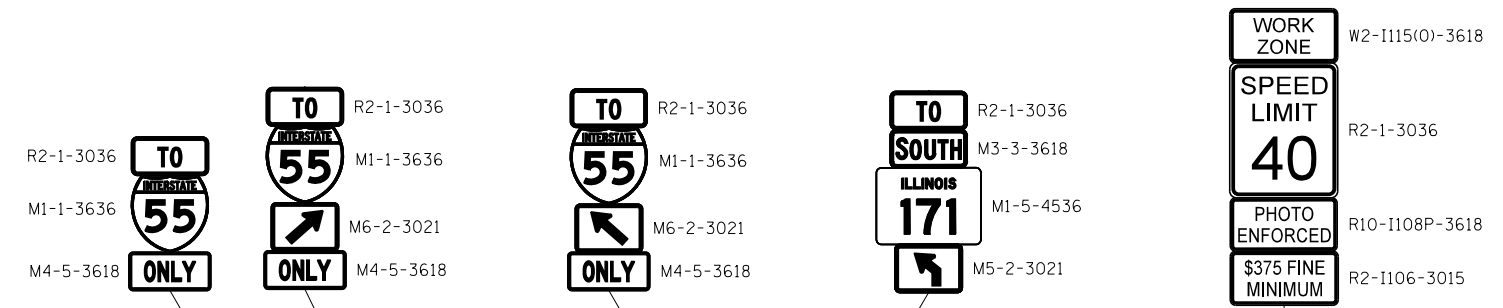
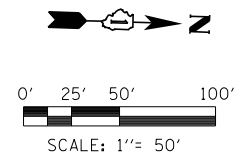
FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-IL171-Mot-St1a-SB-07.dgn	DRAWN - TMB	REVISED -
USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>MAINTENANCE OF TRAFFIC STAGE 1A</b>	
SCALE: 1"=50'	SHEET 22 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	83
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
- TEMPORARY PAVEMENT PLACED THIS STAGE
- FLASHING ARROW BOARD
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
- ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
- ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
- ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
- ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
- ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-IL171-Mot-St1a-SB-08.dgn	DRAWN - TMB	REVISED -
USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -



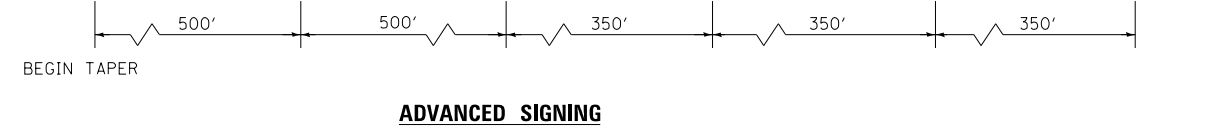
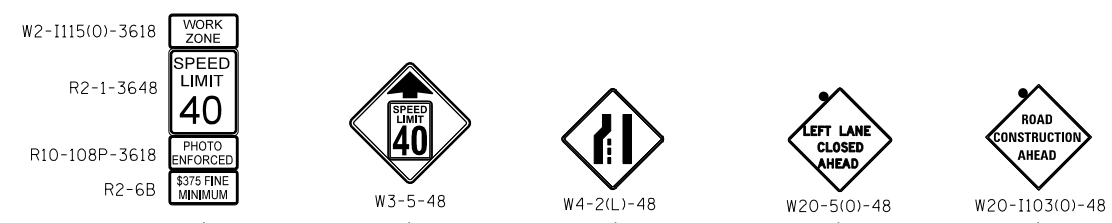
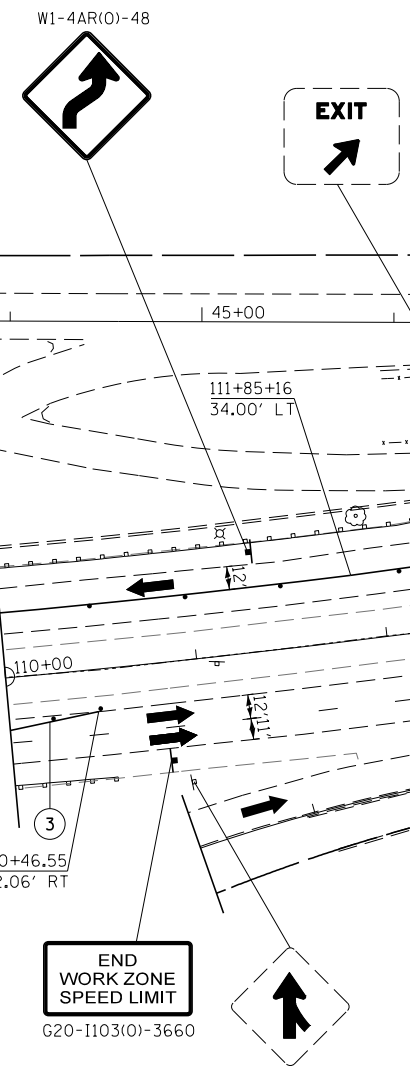
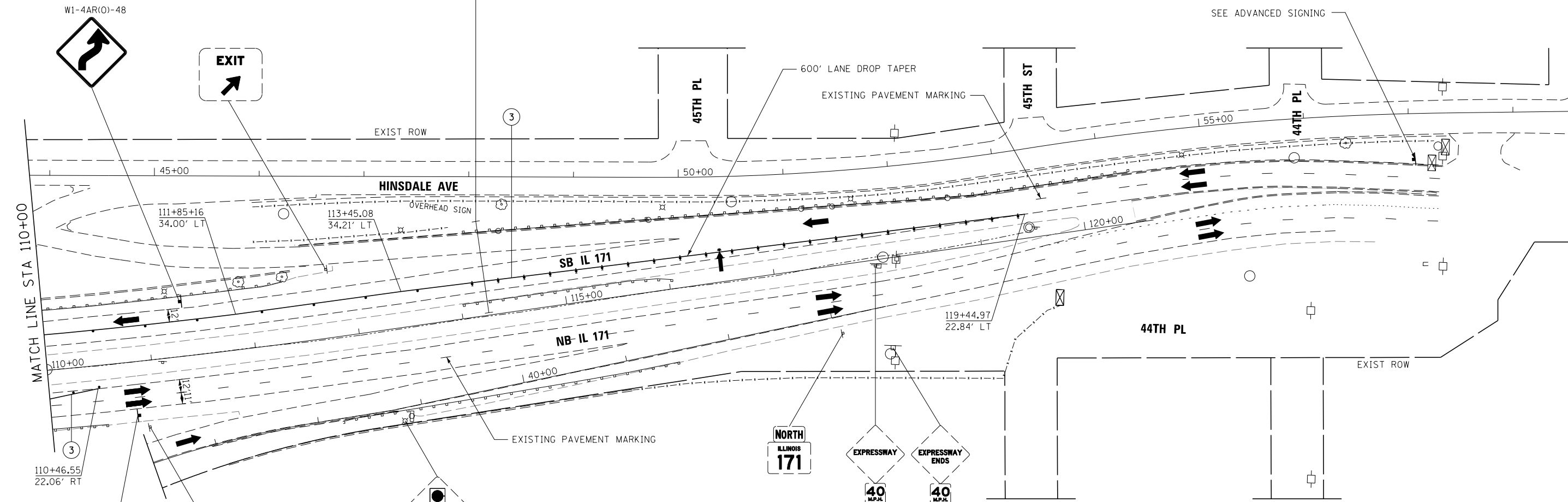
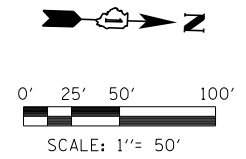
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1A**

SCALE: 1"=50' SHEET 23 OF 50 SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	84
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

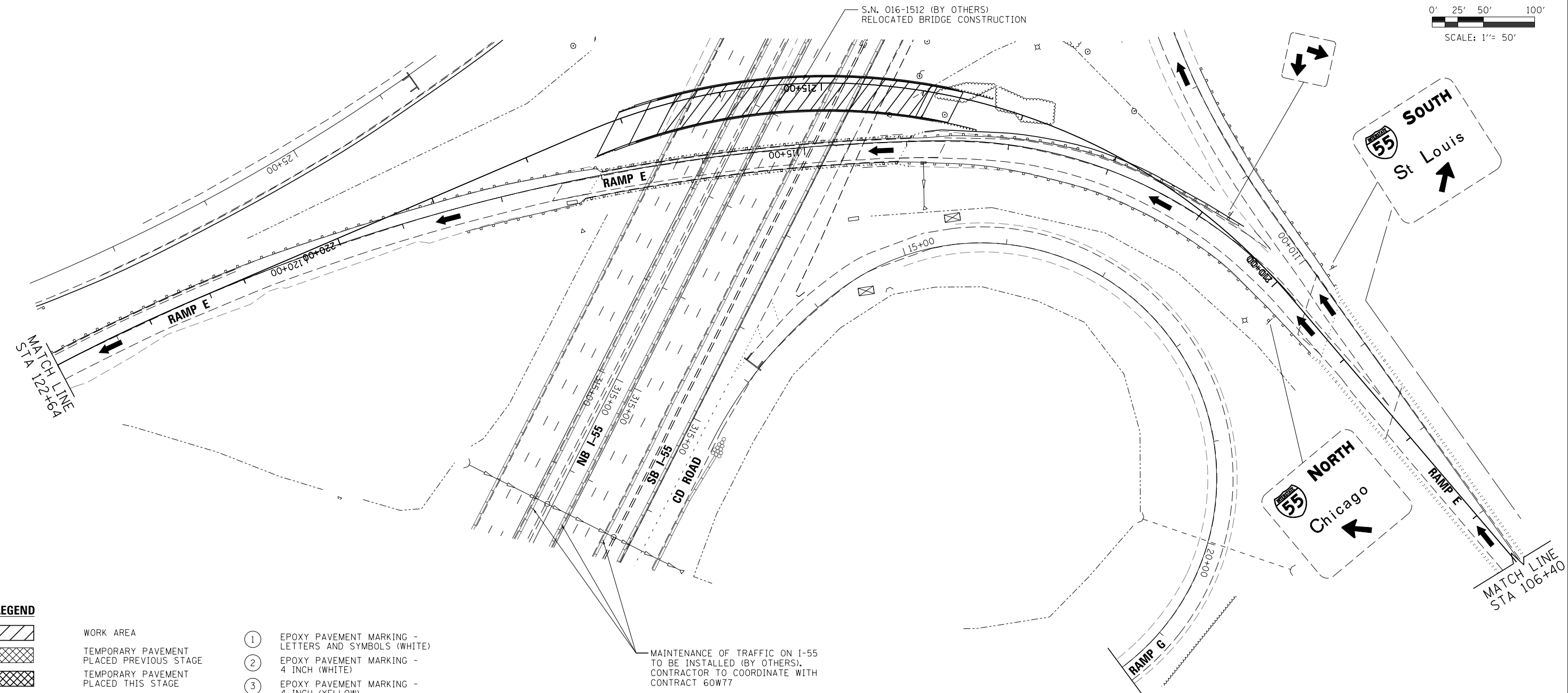
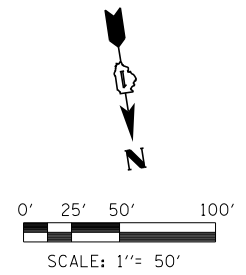
EXISTING OVERHEAD SIGNS TO BE ADJUSTED AS SHOWN



**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
- TEMPORARY PAVEMENT PLACED THIS STAGE
- FLASHING ARROW BOARD
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
- ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
- ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
- ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
- ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
- ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME = ... \D160J16-sht-IL171-Mot-St1a-SB-09.dgn	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC</b> <b>STAGE 1A</b>		F.A.P. R.T.E. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 85
USER NAME = agibson	CHECKED - JMM	REVISED -					CONTRACT NO. 60J16				
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -					ILLINOIS FED. AID PROJECT				



**LEGEND**

- |  |  |    |  |
|--|--|----|--|
|  | WORK AREA  | ①  | EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)                                   |
|  | TEMPORARY PAVEMENT PLACED PREVIOUS STAGE   | ②  | EPOXY PAVEMENT MARKING - 4 INCH (WHITE)  |
|  | TEMPORARY PAVEMENT PLACED THIS STAGE   | ③  | EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)   |
|  | FLASHING ARROW BOARD   | ④  | EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER |
|  | TRAFFIC LANE   | ④a | EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)                             |
|  | TYPE III BARRICADES  | ⑤  | EPOXY PAVEMENT MARKING - 12 INCH (WHITE)   |
|  | TEMPORARY SIGN   | ⑥  | EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)  |
|  | TEMPORARY CONCRETE BARRIER   | ⑦  | EPOXY PAVEMENT MARKING - 24 INCH (WHITE)   |
|  | IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3  | ⑧  | WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)   |
|  | DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS | ⑨  | WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)  |
|  | DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS  |    |  |

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-IL171-Mot-Stla-SB-10-rampe.dgn	DRAWN - TMB	REVISED -
USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

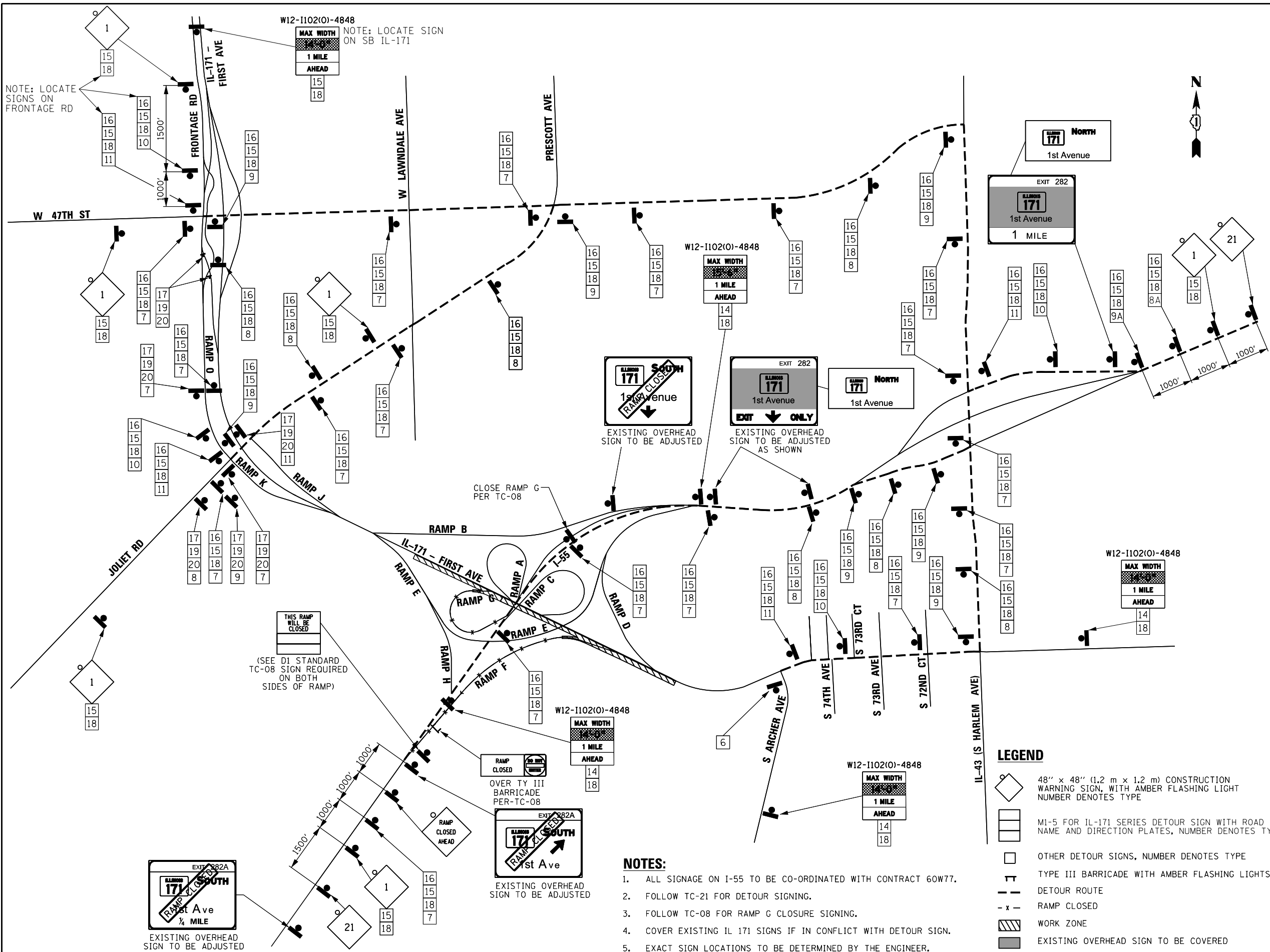
**MAINTENANCE OF TRAFFIC  
STAGE 1A**

SCALE: 1"=50' SHEET 25 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	86
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

**SCHEDULE OF SIGNS**

SIGN NUMBER	SIGN TYPE	TYPE
1	DETOUR AHEAD	W20-2 (0) 48
2	EXIT CLOSED	E5-2a-4836
3	ROAD CLOSED	R11-4 6030
4	DETOUR	M4-10 (0) 4818
5	DETOUR	M4-10 (0) 4818
6	END DETOUR	M4-8a (0) 2418
7	UP	M6-3 2115
8	RIGHT	M5-1R 2115
8A	RIGHT	M5-2R 2115
9	RIGHT	M6-1R 2115
9A	RIGHT	M6-2R 2115
10	LEFT	M5-1L 2115
11	LEFT	M6-1L 2115
12	NO LEFT TURN	R3-2 30"x30"
13	NO RIGHT TURN	R3-2 30"x30"
14	NORTH	M3-2 (0) 2412
15	SOUTH	M3-4 (0) 2412
16	DETOUR	M1-7 2412
17	TO	R2-1-1212
18	ILLINOIS 171	M1-5-4536
19	SHIELD 55	M1-1-3636
20	ONLY	M4-5-3618
21	ROAD CONSTRUCTION AHEAD	W20-1103-48



**NOTES:**

1. ALL SIGNAGE ON I-55 TO BE CO-ORDINATED WITH CONTRACT 60W77.
2. FOLLOW TC-21 FOR DETOUR SIGNING.
3. FOLLOW TC-08 FOR RAMP G CLOSURE SIGNING.
4. COVER EXISTING IL 171 SIGNS IF IN CONFLICT WITH DETOUR SIGN.
5. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.

**LEGEND**

- 48" x 48" (1.2 m x 1.2 m) CONSTRUCTION WARNING SIGN, WITH AMBER FLASHING LIGHT NUMBER DENOTES TYPE
- M1-5 FOR IL-171 SERIES DETOUR SIGN WITH ROAD NAME AND DIRECTION PLATES, NUMBER DENOTES TYPE
- OTHER DETOUR SIGNS, NUMBER DENOTES TYPE
- TYPE III BARRICADE WITH AMBER FLASHING LIGHTS
- DETOUR ROUTE
- RAMP CLOSED
- WORK ZONE
- EXISTING OVERHEAD SIGN TO BE COVERED



FILE NAME =	DESIGNED - AAA	REVISED -
... \MOT\DI60J16-Detour-1b.dgn	DRAWN - TMB	REVISED -
USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -

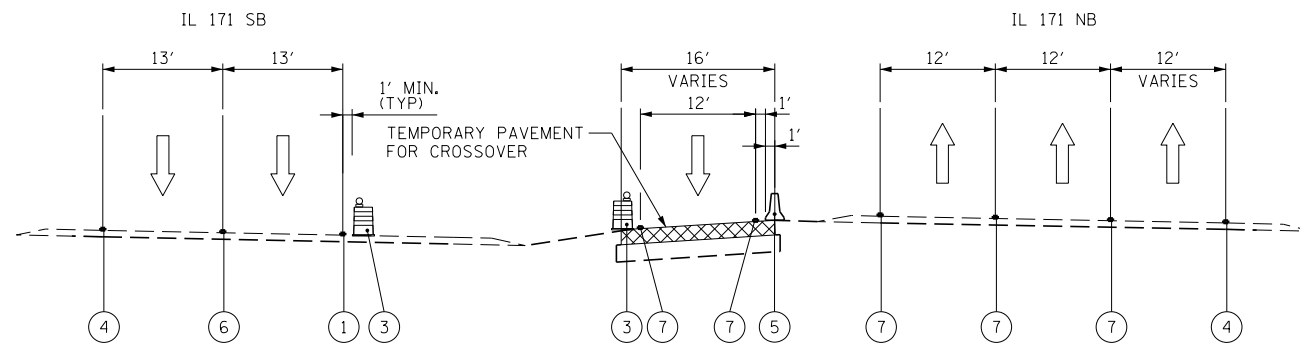


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

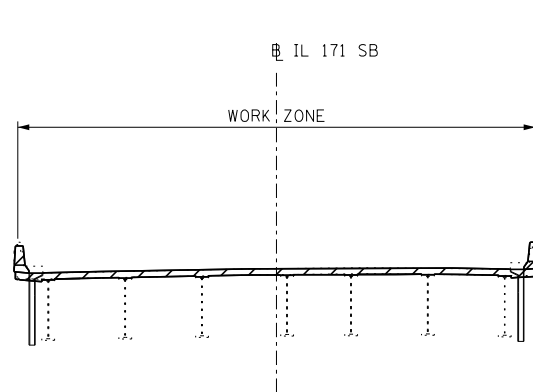
MAINTENANCE OF TRAFFIC  
DETOUR 1B

SHEET 26 OF 50 SHEETS STA. TO STA.

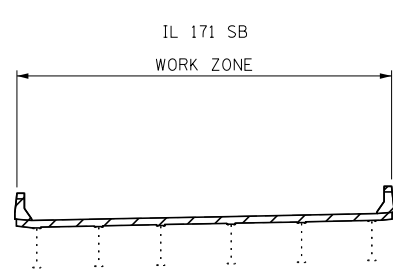
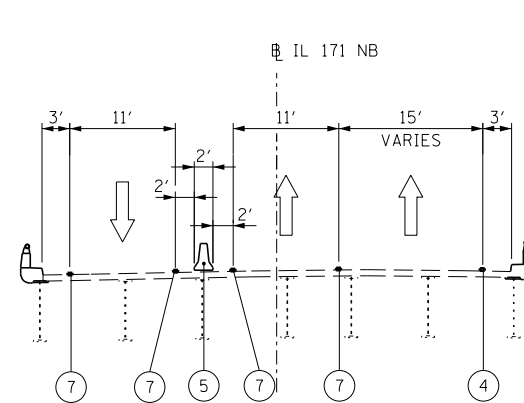
F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	87
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



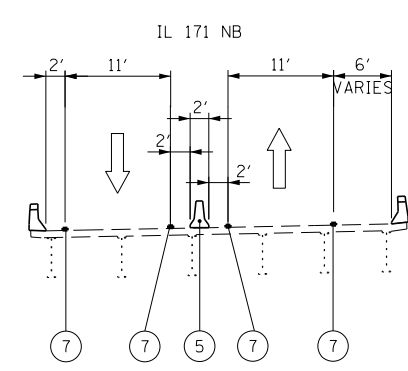
STA 10+54 TO STA 21+50



STA 21+50 TO STA 40+08  
STA 40+08 TO STA 43+22



STA 43+22 TO STA 55+75  
STA 55+75 TO STA 80+68



**LEGEND**

- ① TEMPORARY PAVEMENT MARKING - 4 INCH WHITE
  - ② TEMPORARY PAVEMENT MARKING - 4 INCH YELLOW
  - ③ DRUM W/STEADY BURN MONODIRECTIONAL LIGHT
  - ④ EXISTING PAVEMENT MARKING
  - ⑤ TEMPORARY CONCRETE BARRIER
  - ⑥ TEMPORARY PAVEMENT MARKING - 6 INCH WHITE W/TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
  - ⑦ TEMPORARY PAVEMENT MARKING PLACED IN PREVIOUS STAGE
  - ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
  - ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)
- WORK AREA
  - TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
  - TEMPORARY PAVEMENT PLACED THIS STAGE

**NOTE:**

SEE TEMPORARY PAVEMENT (CROSSOVER) DETAIL SHEETS FOR SPOT ELEVATIONS.

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-MOT-extyp-stgIB-01.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -



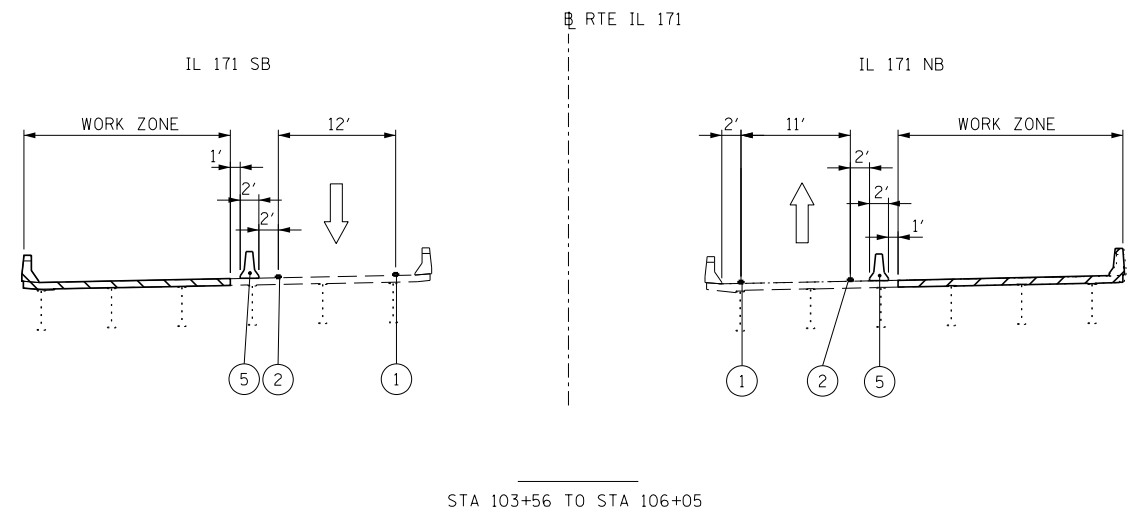
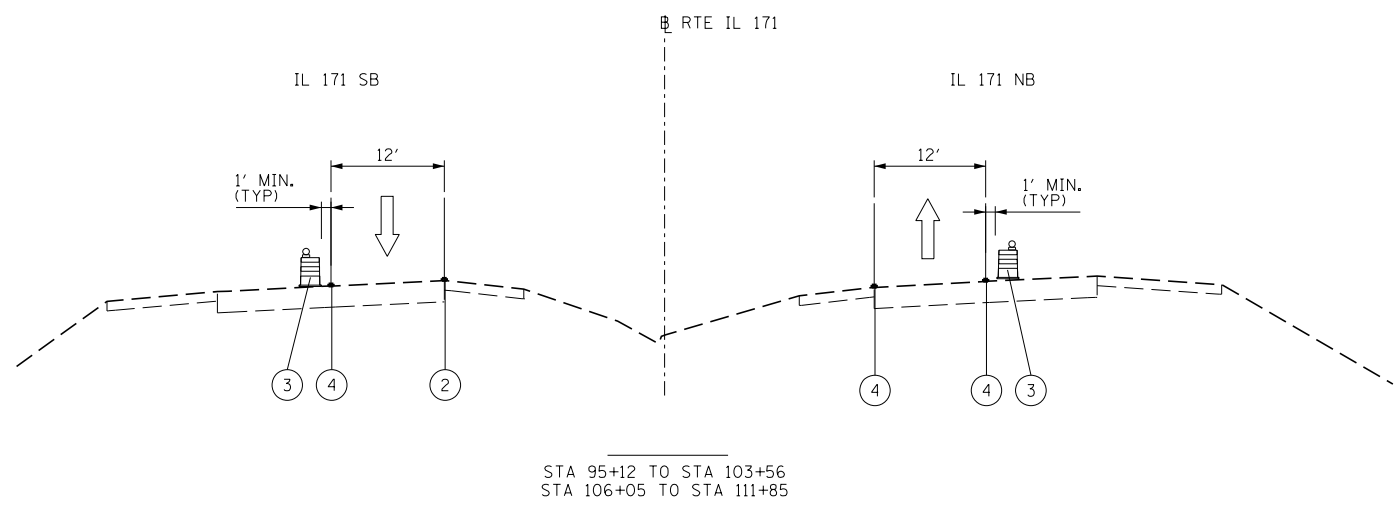
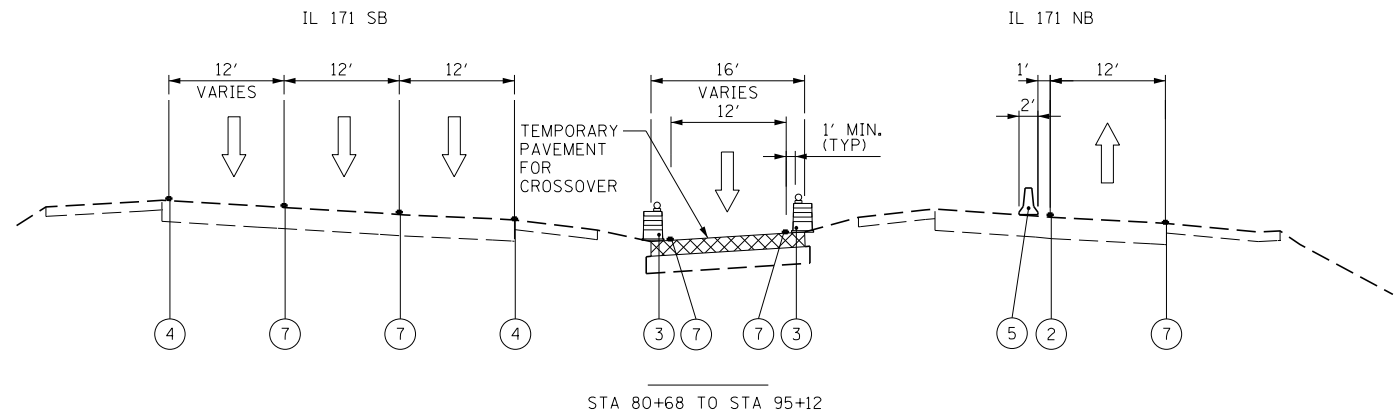
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
STAGE 1B

SHEET 27 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	88
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

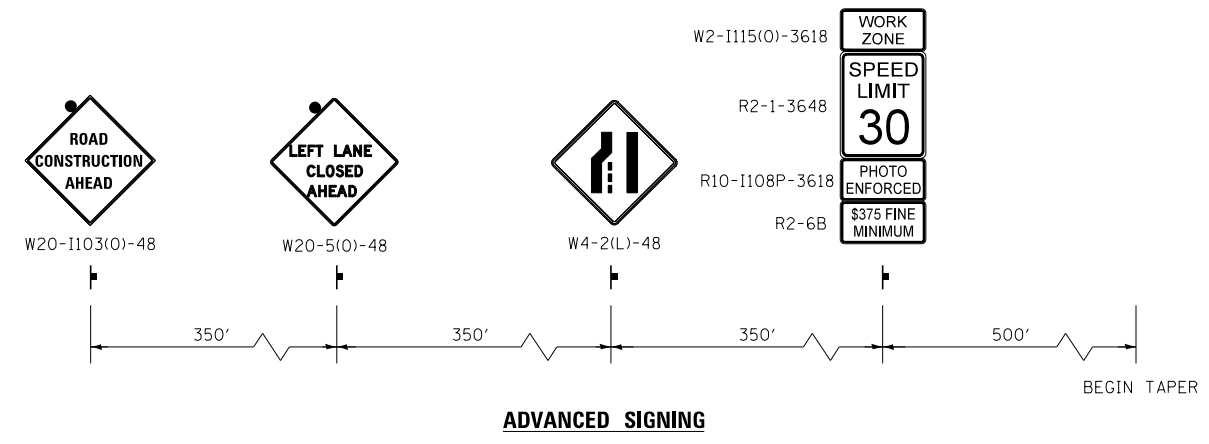
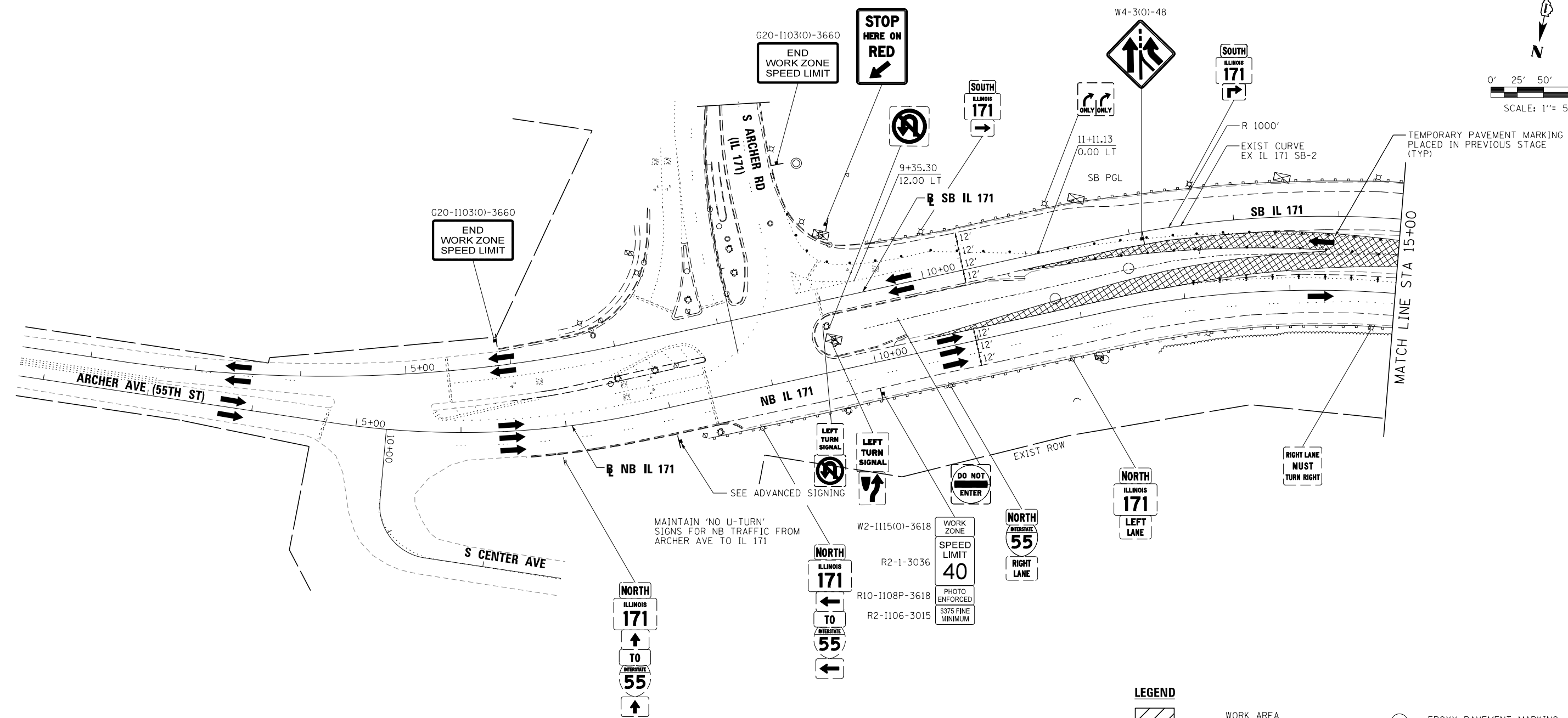
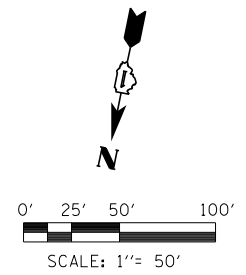




- LEGEND**
- ① TEMPORARY PAVEMENT MARKING - 4 INCH WHITE
  - ② TEMPORARY PAVEMENT MARKING - 4 INCH YELLOW
  - ③ DRUM W/STEADY BURN MONODIRECTIONAL LIGHT
  - ④ EXISTING PAVEMENT MARKING
  - ⑤ TEMPORARY CONCRETE BARRIER
  - ⑥ TEMPORARY PAVEMENT MARKING - 6 INCH WHITE W/TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
  - ⑦ TEMPORARY PAVEMENT MARKING PLACED IN PREVIOUS STAGE
  - ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
  - ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)
- WORK AREA
  - TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
  - TEMPORARY PAVEMENT PLACED THIS STAGE

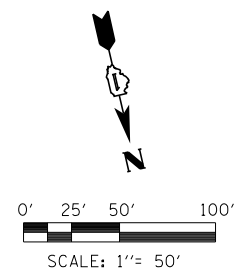
**NOTE:**  
SEE TEMPORARY PAVEMENT (CROSSOVER) DETAIL SHEETS FOR SPOT ELEVATIONS.

FILE NAME = ... \D160J16-sht-MOT-extyp-stg1B-02.dgn	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC</b> <b>STAGE 1B</b>	F.A.P. RTE. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 89
USER NAME = tblank	DRAWN - TMB	REVISED -				CONTRACT NO. 60J16		ILLINOIS FED. AID PROJECT		
PLOT DATE = 8/7/2014	CHECKED - JMM	REVISED -				SHEET 28 OF 50 SHEETS		STA. TO STA.		
DATE - 6/23/2014	REVISOR -	REVISED -								



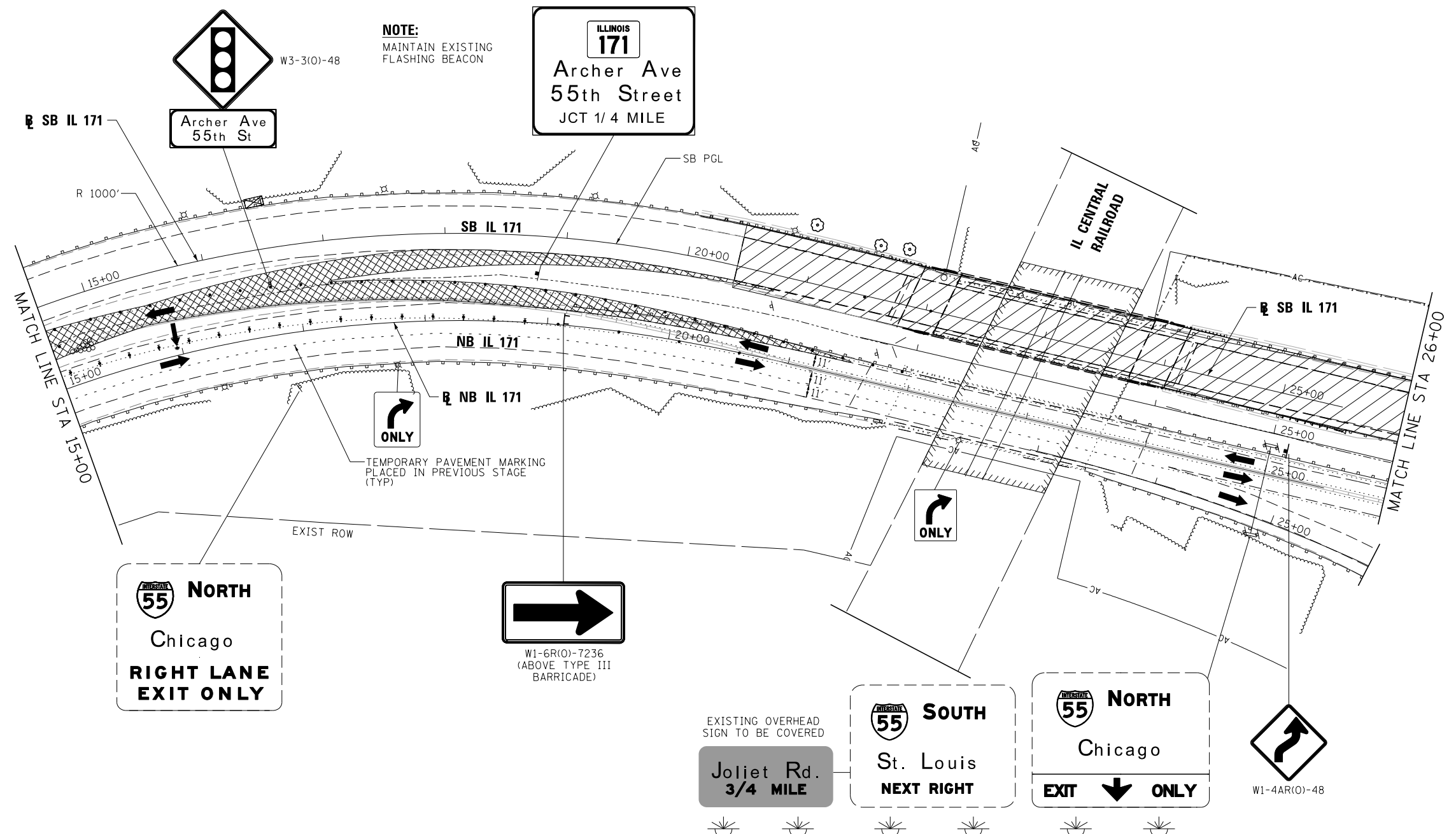
LEGEND		
	WORK AREA	(1) EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
	TEMPORARY PAVEMENT PLACED PREVIOUS STAGE	(2) EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
	TEMPORARY PAVEMENT PLACED THIS STAGE	(3) EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
	FLASHING ARROW BOARD	(4) EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
	TRAFFIC LANE	(4a) EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
	TYPE III BARRICADES	(5) EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
	TEMPORARY SIGN	(6) EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
	TEMPORARY CONCRETE BARRIER	(7) EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	(8) WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
	DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS	(9) WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)
	DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS	

FILE NAME = ... \D160J16-sht-IL171-Mot-St1b-SB-01.dgn	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC</b> <b>STAGE 1B</b>		F.A.P. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = agibson	CHECKED - JMM	REVISED -					372/373	2013-038B-R	COOK	821	90
PLOT DATE = 8/20/2014	DATE = 6/23/2014	REVISED -			SCALE: 1"=50'	SHEET 29 OF 50 SHEETS	STA.	TO STA.	CONTRACT NO. 60J16		
							ILLINOIS FED. AID PROJECT				



**NOTE:**  
MAINTAIN EXISTING  
FLASHING BEACON

ILLINOIS  
**171**  
Archer Ave  
55th Street  
JCT 1/4 MILE



**55 NORTH**  
Chicago  
**RIGHT LANE  
EXIT ONLY**

**W1-6R(O)-7236**  
(ABOVE TYPE III  
BARRICADE)

EXISTING OVERHEAD  
SIGN TO BE COVERED

**55 SOUTH**  
St. Louis  
**NEXT RIGHT**

**55 NORTH**  
Chicago  
**EXIT ONLY**

**W1-4AR(O)-48**

**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
- TEMPORARY PAVEMENT PLACED THIS STAGE
- FLASHING ARROW BOARD
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
- ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
- ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
- ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
- ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
- ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-IL171-Mot-St1b-SB-02.dgn	DRAWN - TMB	REVISED -
USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -

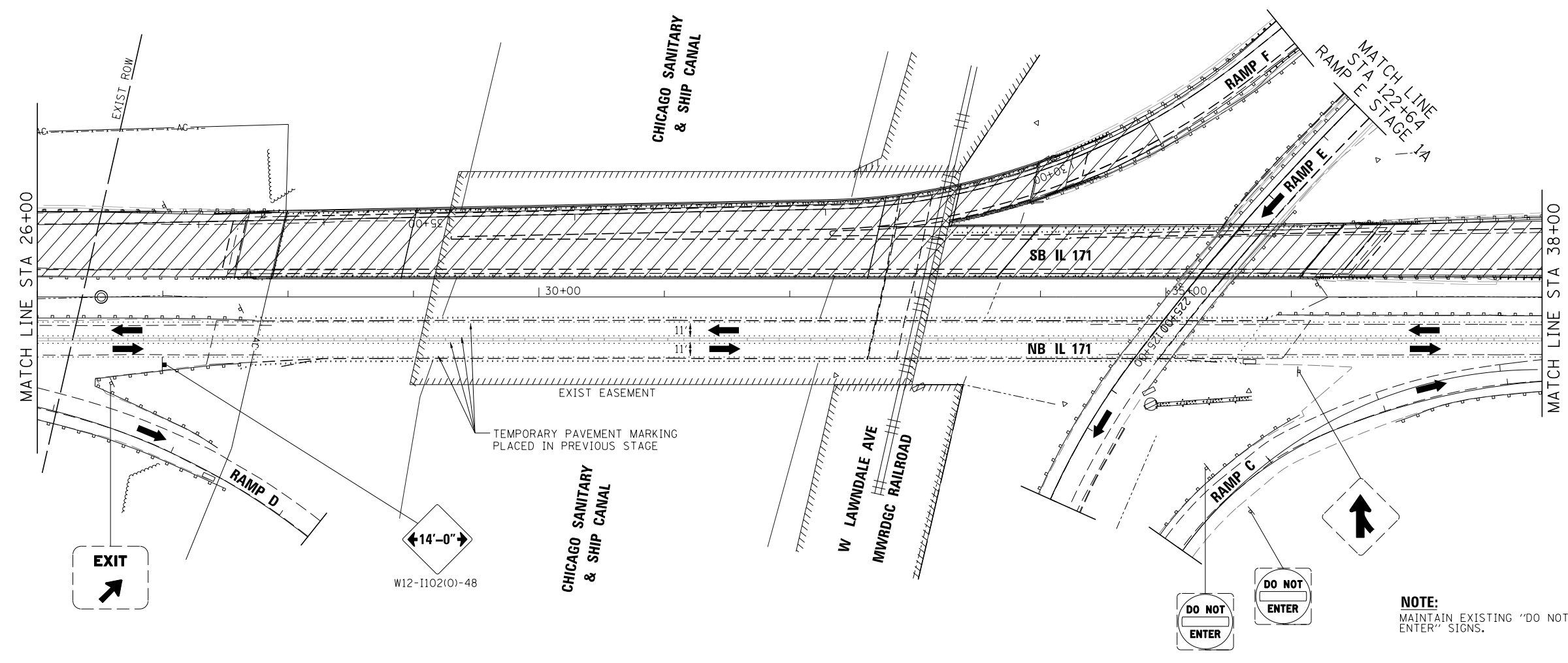
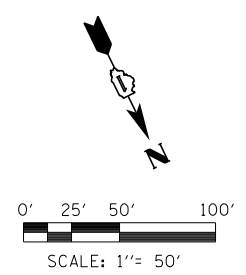


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1B**

SCALE: 1"=50' SHEET 30 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	91
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
	TEMPORARY PAVEMENT PLACED THIS STAGE
	FLASHING ARROW BOARD
	TRAFFIC LANE
	TYPE III BARRICADES
	TEMPORARY SIGN
	TEMPORARY CONCRETE BARRIER
	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
	DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
	DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
①	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
②	EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
③	EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
④	EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARILY RAISED REFLECTIVE PAVEMENT MARKER
④a	EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
⑤	EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
⑥	EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
⑦	EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
⑧	WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
⑨	WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED - AAA	REVISED -
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PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -

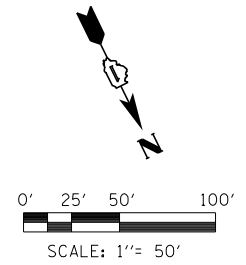


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

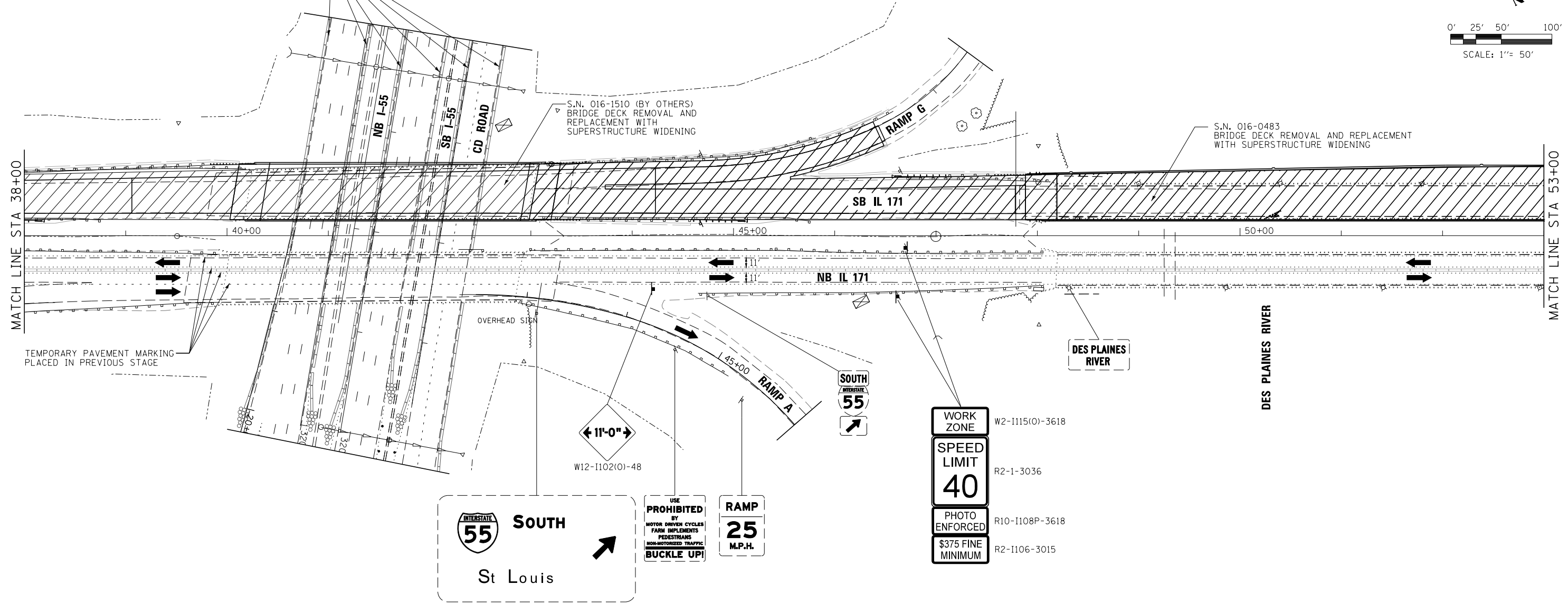
**MAINTENANCE OF TRAFFIC  
STAGE 1B**

SCALE: 1"=50' SHEET 31 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	92
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



MAINTENANCE OF TRAFFIC ON I-55 TO BE INSTALLED (BY OTHERS). CONTRACTOR TO COORDINATE WITH CONTRACT 60W77



**LEGEND**

- |  |  |      |  |
|--|--|------|--|
|  | WORK AREA  | (1)  | EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)                                   |
|  | TEMPORARY PAVEMENT PLACED PREVIOUS STAGE   | (2)  | EPOXY PAVEMENT MARKING - 4 INCH (WHITE)  |
|  | TEMPORARY PAVEMENT PLACED THIS STAGE   | (3)  | EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)   |
|  | FLASHING ARROW BOARD   | (4)  | EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER |
|  | TRAFFIC LANE   | (4a) | EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)                             |
|  | TYPE III BARRICADES  | (5)  | EPOXY PAVEMENT MARKING - 12 INCH (WHITE)   |
|  | TEMPORARY SIGN   | (6)  | EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)  |
|  | TEMPORARY CONCRETE BARRIER   | (7)  | EPOXY PAVEMENT MARKING - 24 INCH (WHITE)   |
|  | IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3  | (8)  | WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)   |
|  | DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS | (9)  | WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)  |
|  | DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS  |      |  |

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-IL171-Mot-Stlb-SB-04.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -

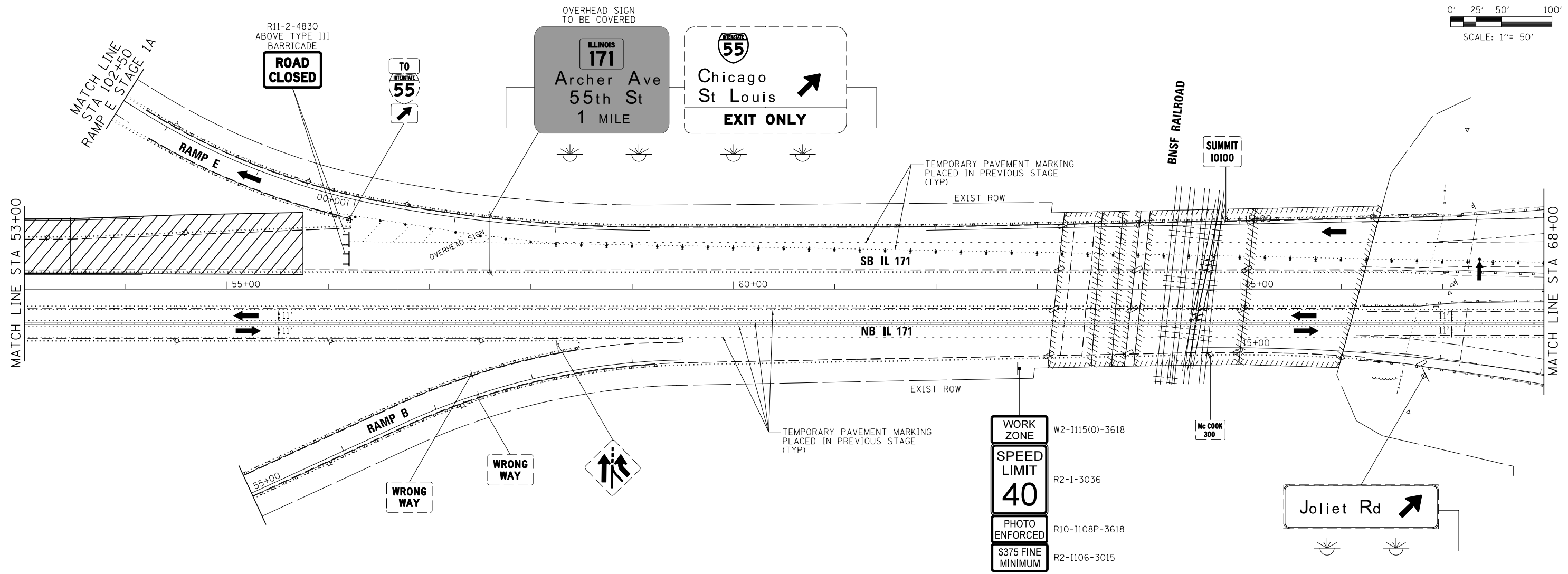
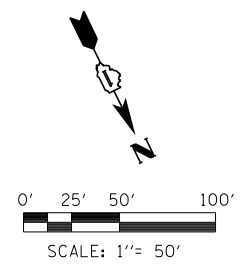


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1B**

SCALE: 1"=50' SHEET 32 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	93
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



- WORK ZONE W2-1115(0)-3618
- SPEED LIMIT 40 R2-1-3036
- PHOTO ENFORCED R10-1108P-3618
- \$375 FINE MINIMUM R2-1106-3015

**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
- TEMPORARY PAVEMENT PLACED THIS STAGE
- FLASHING ARROW BOARD
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
- ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
- ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
- ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
- ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
- ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED - AAA	REVISED -
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USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -

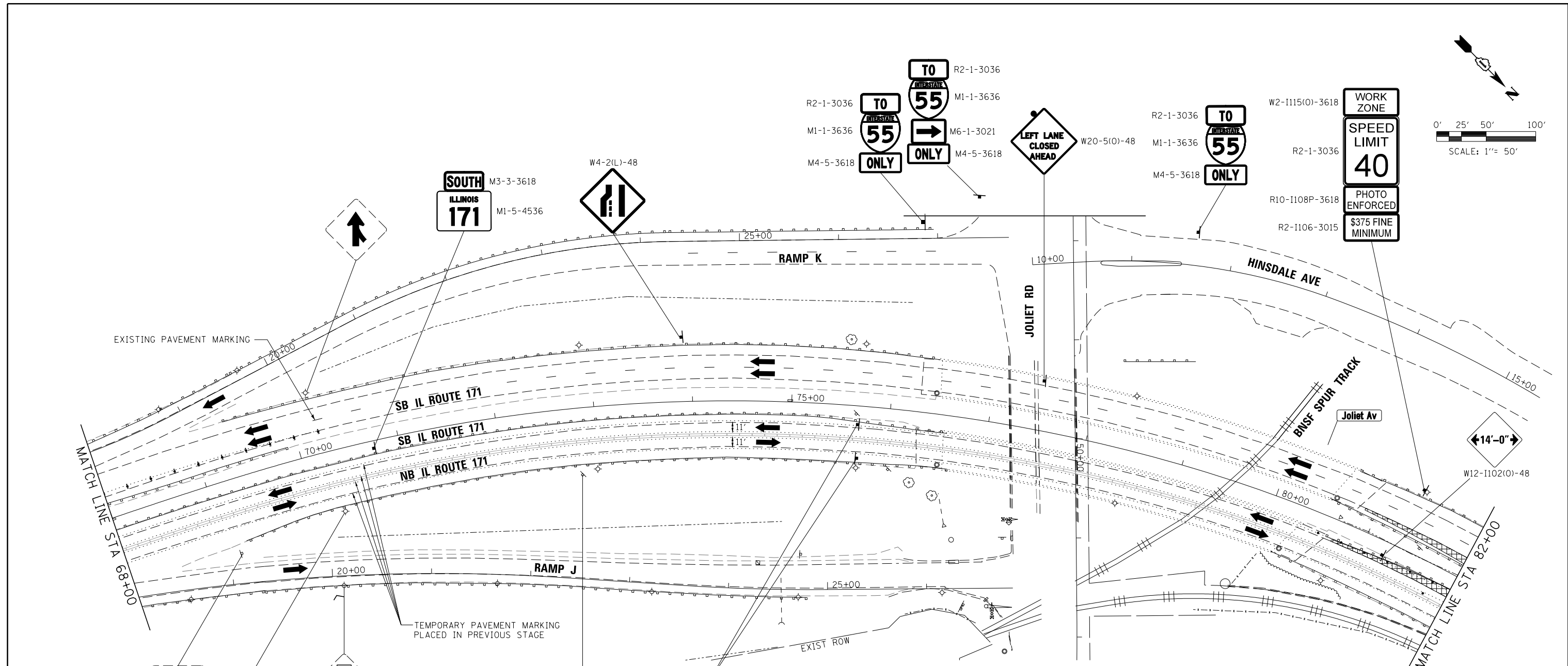
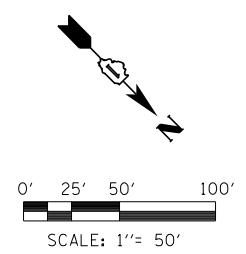


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

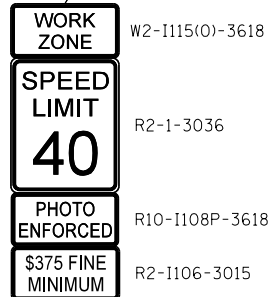
**MAINTENANCE OF TRAFFIC  
STAGE 1B**

SCALE: 1"=50' SHEET 33 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	94
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



47th St  
1/2 MILE



**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
- TEMPORARY PAVEMENT PLACED THIS STAGE
- FLASHING ARROW BOARD
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
- ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
- ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
- ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
- ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
- ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-IL171-Mot-St1b-SB-06.dgn	DRAWN - TMB	REVISED -
USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -

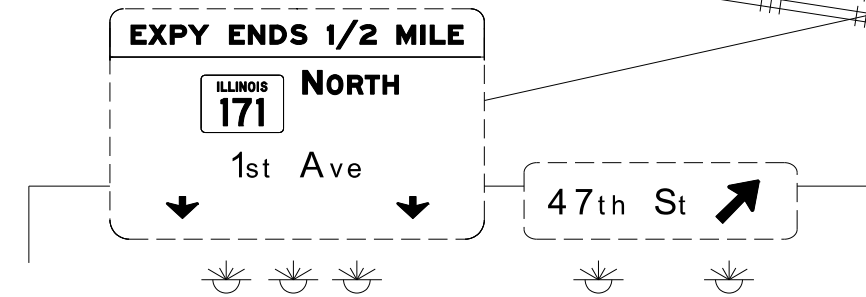
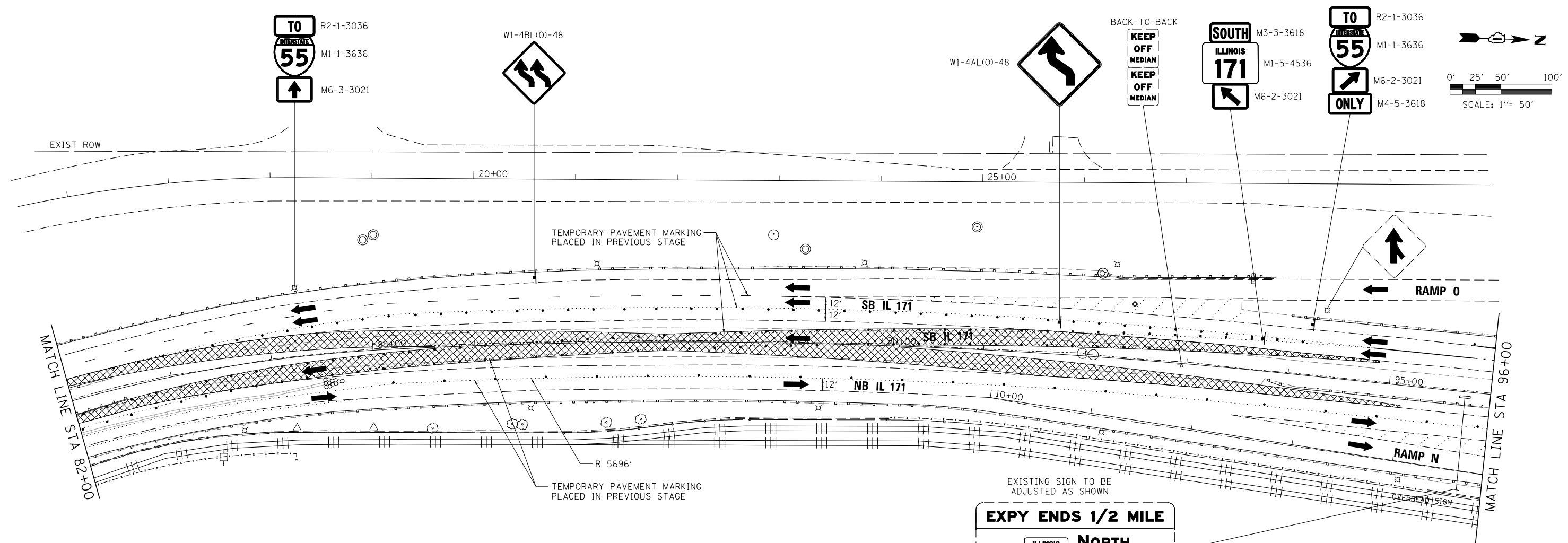


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1B**

SCALE: 1"=50' SHEET 34 OF 50 SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	95
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
- TEMPORARY PAVEMENT PLACED THIS STAGE
- FLASHING ARROW BOARD
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
- ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
- ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
- ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
- ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
- ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED - AAA	REVISED -
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USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -



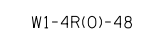
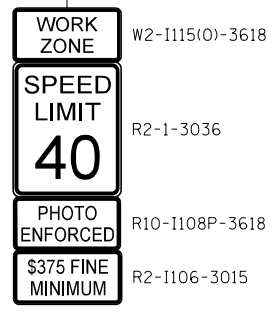
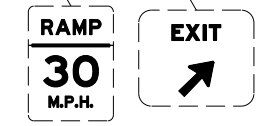
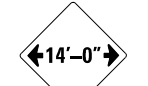
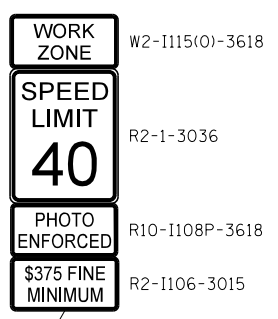
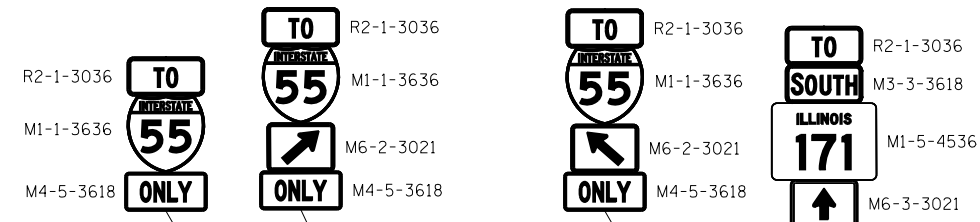
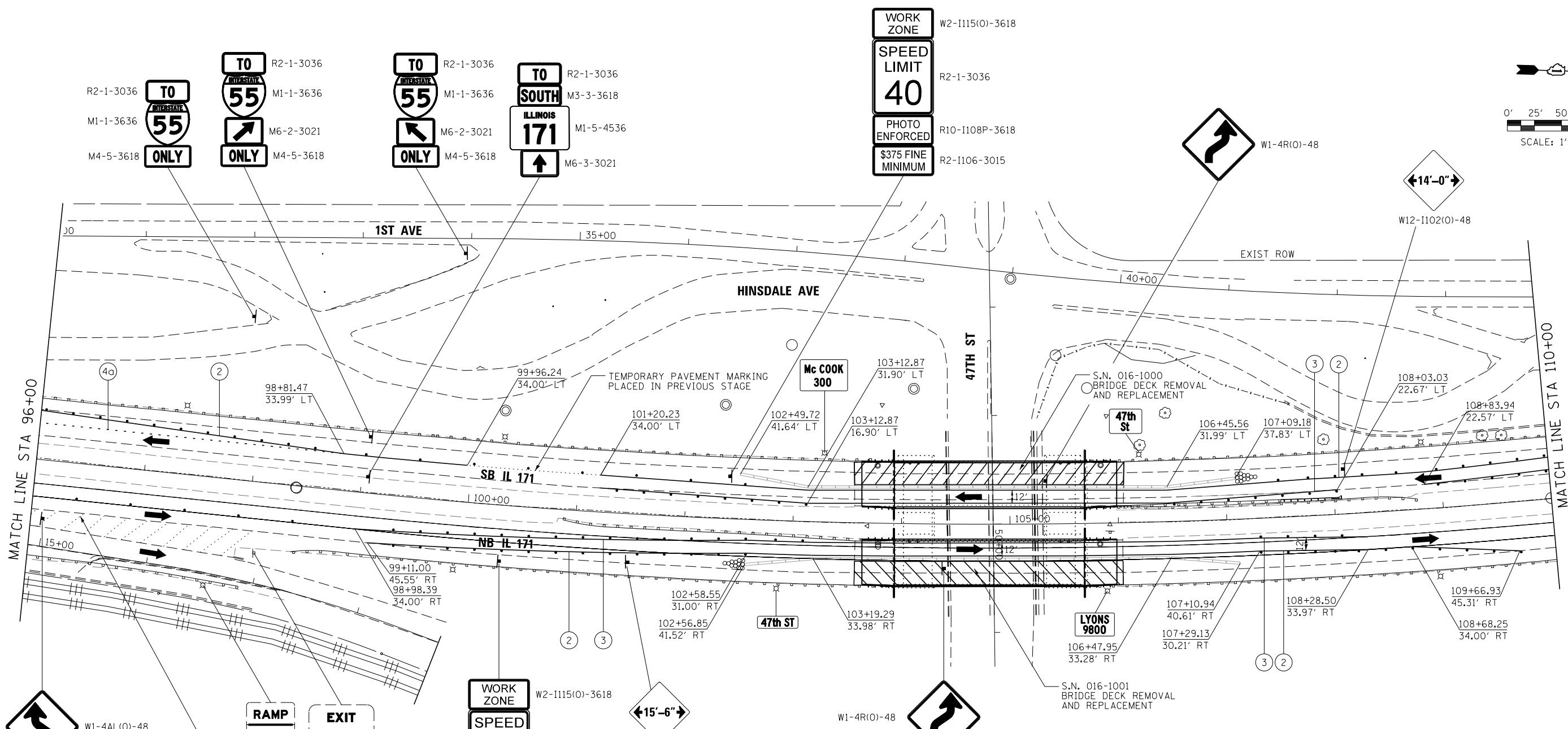
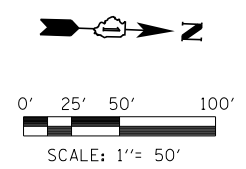
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
STAGE 1B

SCALE: 1"=50' SHEET 35 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	96
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	





**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
- TEMPORARY PAVEMENT PLACED THIS STAGE
- FLASHING ARROW BOARD
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
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- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
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- ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
- ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
- ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
- ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
- ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED - AAA	REVISED -
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PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -

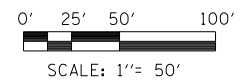
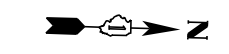


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

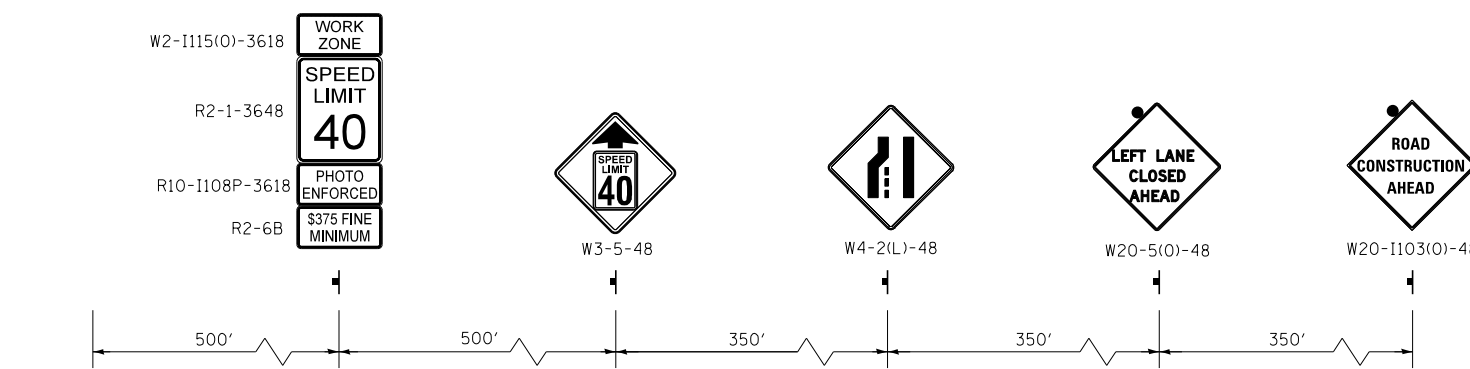
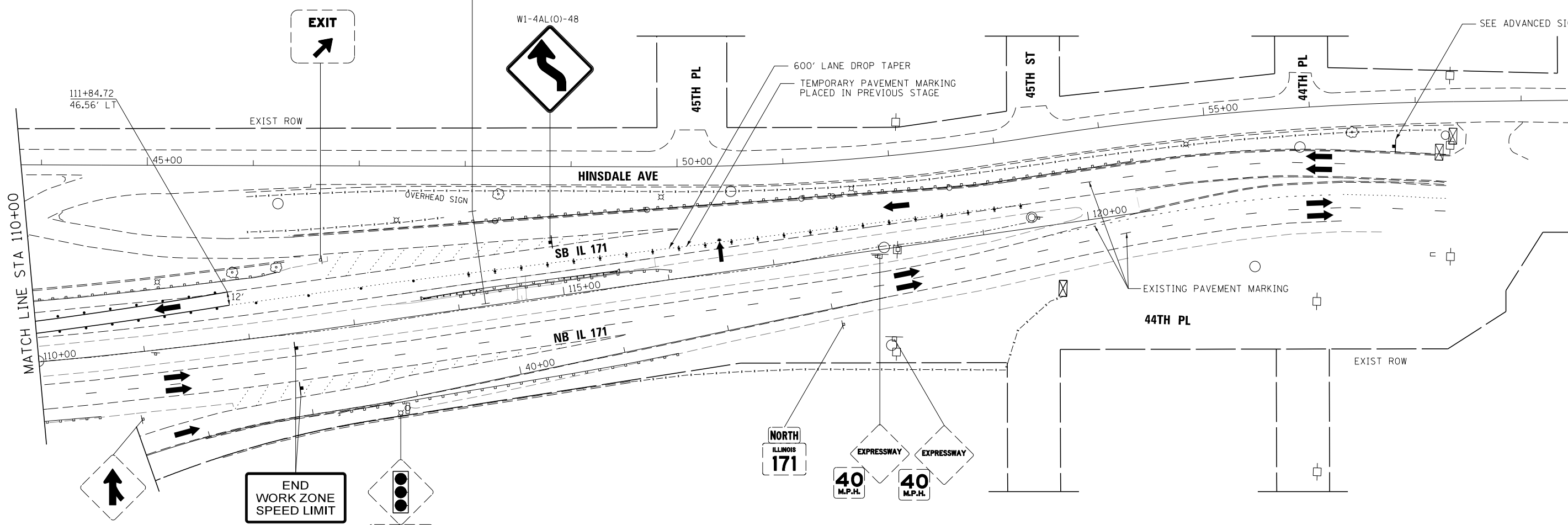
**MAINTENANCE OF TRAFFIC  
STAGE 1B**

SCALE: 1"=50' SHEET 36 OF 50 SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	97
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



EXISTING OVERHEAD SIGNS TO BE MODIFIED AS SHOWN



**NOTE:**  
ADD SECOND SET OF ADVANCED WARNING SIGNS ON BARRIER MEDIAN WHERE AVAILABLE

**LEGEND**

- WORK AREA
  - TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
  - TEMPORARY PAVEMENT PLACED THIS STAGE
  - FLASHING ARROW BOARD
  - TRAFFIC LANE
  - TYPE III BARRICADES
  - TEMPORARY SIGN
  - TEMPORARY CONCRETE BARRIER
  - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
  - DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
  - DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
  - ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
  - ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
  - ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
  - ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
  - ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
  - ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
  - ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
  - ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
  - ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED - AAA	REVISED -
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USER NAME = agibson	CHECKED - JMM	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

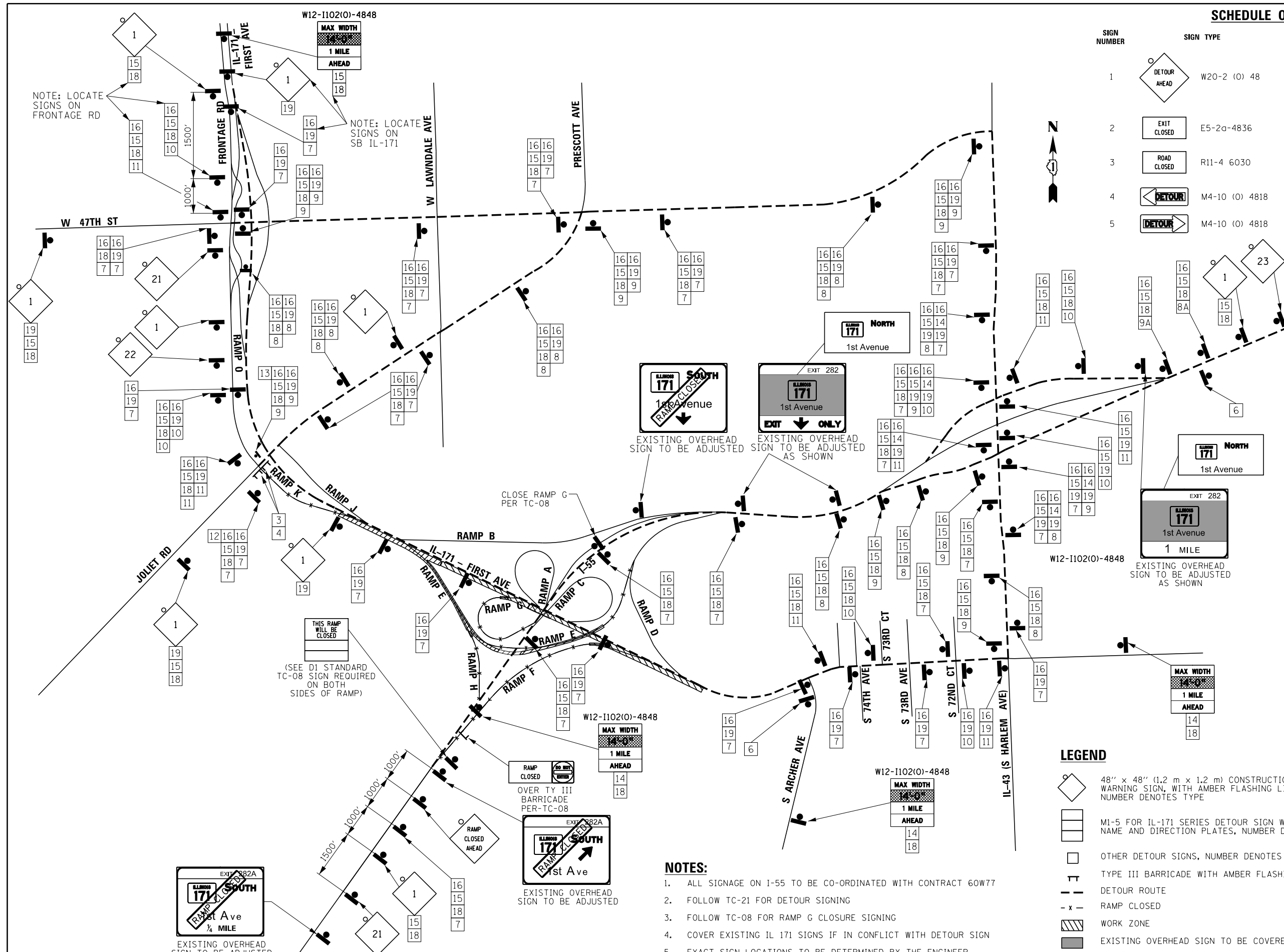
MAINTENANCE OF TRAFFIC  
STAGE 1B

SCALE: 1"=50' SHEET 37 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	98
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

SCHEDULE OF SIGNS

SIGN NUMBER	SIGN TYPE	SIGN NUMBER	SIGN TYPE
1	DETOUR AHEAD (W20-2 (O) 48)	6	END DETOUR (M4-8a (O) 2418)
2	EXIT CLOSED (E5-2a-4836)	7	UPWARD ARROW (M6-3 2115)
3	ROAD CLOSED (R11-4 6030)	8	RIGHT TURN (M5-1R 2115)
4	DETOUR (M4-10 (O) 4818)	8A	RIGHT TURN (M5-2R 2115)
5	DETOUR (M4-10 (O) 4818)	9	RIGHT TURN (M6-1R 2115)
		9A	RIGHT TURN (M6-2R 2115)
		10	LEFT TURN (M5-1L 2115)
		11	LEFT TURN (M6-1L 2115)
		12	NO LEFT TURN (R3-2 30"x30")
		13	NO RIGHT TURN (R3-2 30"x30")
		14	NORTH (M3-2 (O) 2412)
		15	SOUTH (M3-4 (O) 2412)
		16	DETOUR (M1-7 2412)
		17	TO (R2-1-1212)
		18	ILLINOIS 171 (M1-5-4536)
		19	INTERSTATE 55 (M1-1-3636)
		20	ONLY (M4-5-3618)
		21	ROAD CLOSED AHEAD (W20-3 (O) 48)
		22	ROAD CLOSED 500 ft (W20-3 (O) 48)
		23	ROAD CONSTRUCTION AHEAD (W20-I103-48)



LEGEND

- 48" x 48" (1.2 m x 1.2 m) CONSTRUCTION WARNING SIGN, WITH AMBER FLASHING LIGHT NUMBER DENOTES TYPE
- M1-5 FOR IL-171 SERIES DETOUR SIGN WITH ROAD NAME AND DIRECTION PLATES, NUMBER DENOTES TYPE
- OTHER DETOUR SIGNS, NUMBER DENOTES TYPE
- TYPE III BARRICADE WITH AMBER FLASHING LIGHTS
- DETOUR ROUTE
- RAMP CLOSED
- WORK ZONE
- EXISTING OVERHEAD SIGN TO BE COVERED

NOTES:

- ALL SIGNAGE ON I-55 TO BE CO-ORDINATED WITH CONTRACT 60W77
- FOLLOW TC-21 FOR DETOUR SIGNING
- FOLLOW TC-08 FOR RAMP G CLOSURE SIGNING
- COVER EXISTING IL 171 SIGNS IF IN CONFLICT WITH DETOUR SIGN
- EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER

FILE NAME =	DESIGNED - AAA	REVISED -
... \MOT\DI60J16-Detour-1c.dgn	DRAWN - TMB	REVISED -
USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -

DESIGNED - AAA	REVISED -
DRAWN - TMB	REVISED -
CHECKED - JMM	REVISED -
DATE - 6/23/2014	REVISED -



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

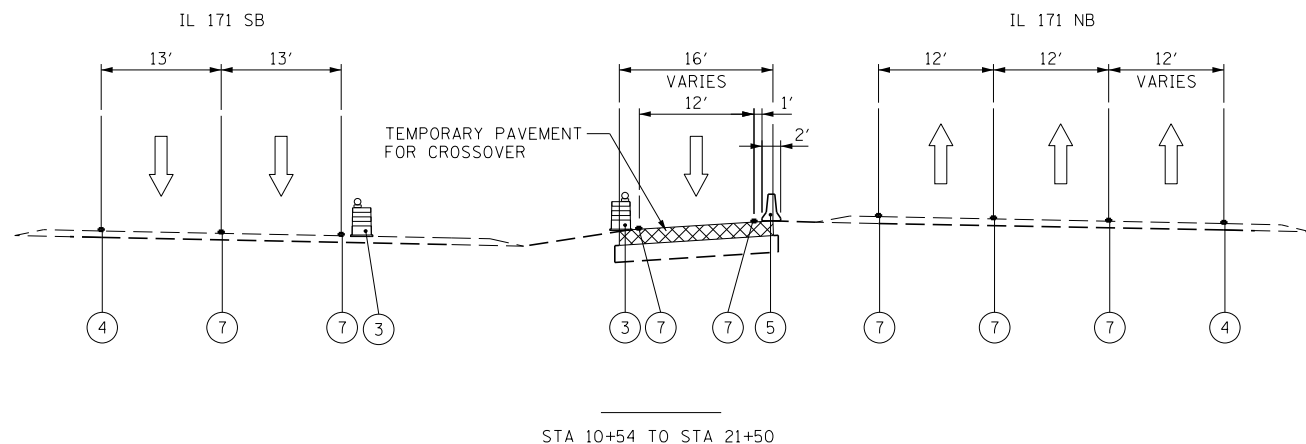
MAINTENANCE OF TRAFFIC  
DETOUR 1C

SHEET 38 OF 50 SHEETS STA. TO STA.

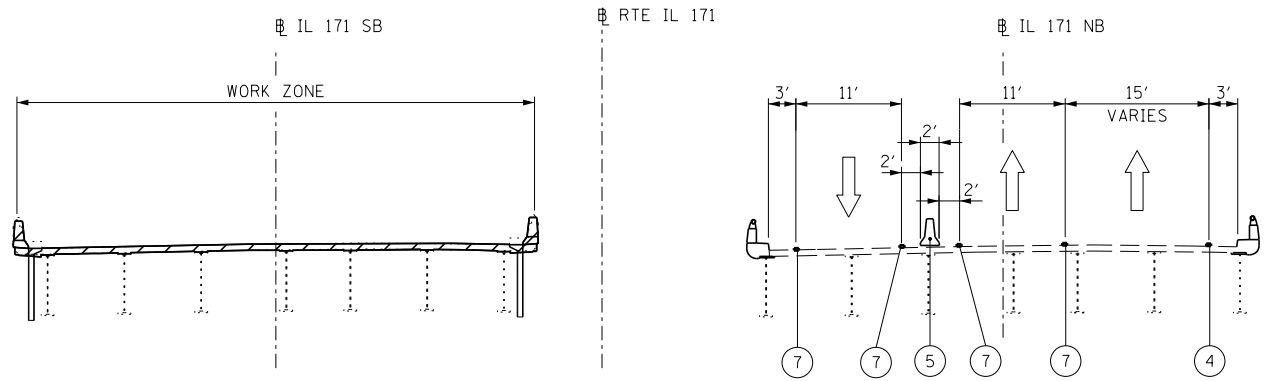
F.A.P R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	99
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J16	



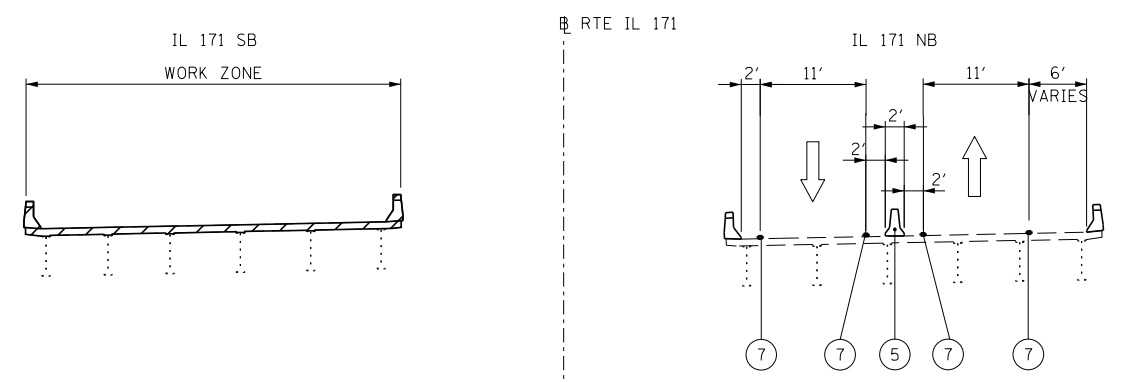
TYPICAL LAYOUT OF SIGNS



STA 10+54 TO STA 21+50



STA 55+75 TO STA 67+13  
STA 67+13 TO STA 76+46



STA 76+46 TO STA 80+63

- LEGEND**
- ① TEMPORARY PAVEMENT MARKING - 4 INCH WHITE
  - ② TEMPORARY PAVEMENT MARKING - 4 INCH YELLOW
  - ③ DRUM W/STEADY BURN MONODIRECTIONAL LIGHT
  - ④ EXISTING PAVEMENT MARKING
  - ⑤ TEMPORARY CONCRETE BARRIER
  - ⑥ TEMPORARY PAVEMENT MARKING - 6 INCH WHITE W/TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
  - ⑦ TEMPORARY PAVEMENT MARKING PLACED IN PREVIOUS STAGE
  - ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
  - ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)
- WORK AREA
  - TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
  - TEMPORARY PAVEMENT PLACED THIS STAGE

**NOTE:**  
SEE TEMPORARY PAVEMENT (CROSSOVER) DETAIL SHEETS FOR SPOT ELEVATIONS.

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-MOT-extyp-stgIC-01.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -

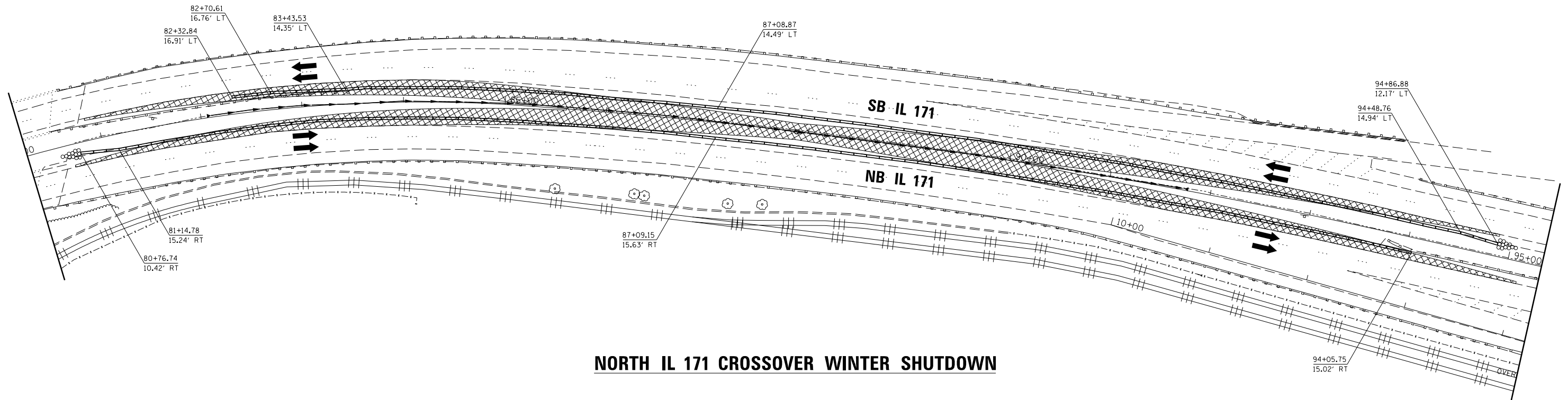


**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC**  
**STAGE 1C**

SHEET 39 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	100
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**NORTH IL 171 CROSSOVER WINTER SHUTDOWN**

**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
- TEMPORARY PAVEMENT PLACED THIS STAGE
- FLASHING ARROW BOARD
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
- ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
- ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ④0 EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
- ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
- ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
- ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED -	REVISED -
...\\D160J16-sht-IL171-mot-wintershutdownnorthern	DESIGNED -	REVISED -
USER NAME = jmajewski	CHECKED -	REVISED -
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -

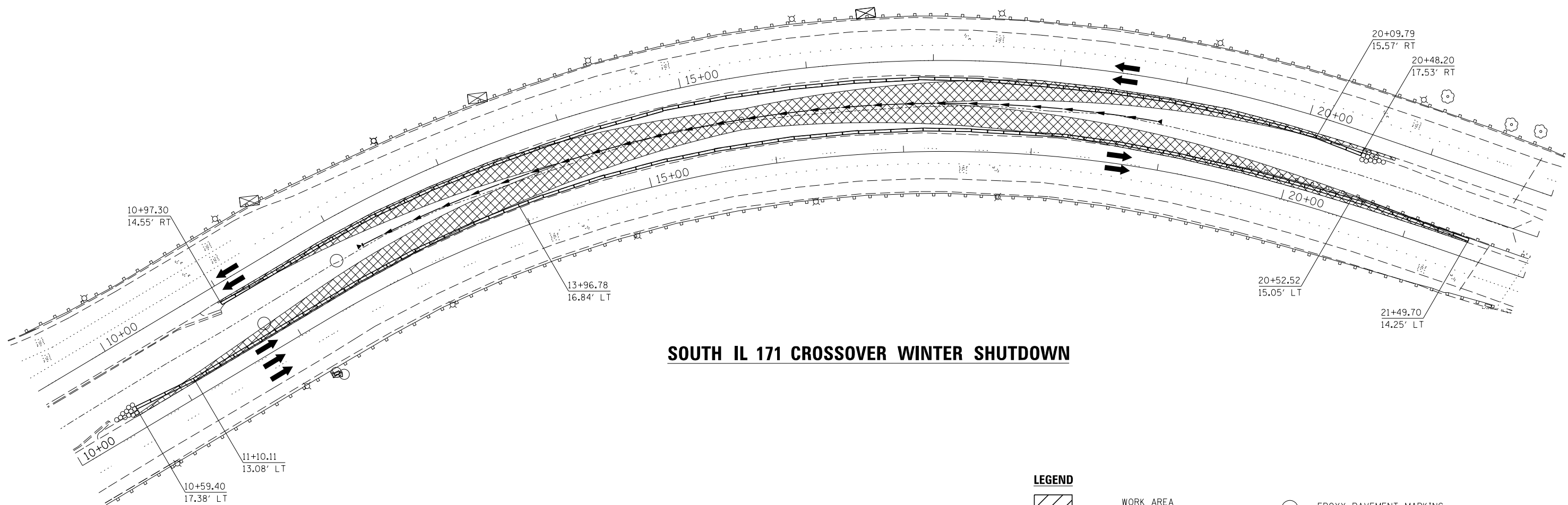


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
CROSSOVER - WINTER SHUTDOWN**

SHEET 11A OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	72a
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				



**SOUTH IL 171 CROSSOVER WINTER SHUTDOWN**

**LEGEND**

- WORK AREA
  - TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
  - TEMPORARY PAVEMENT PLACED THIS STAGE
  - FLASHING ARROW BOARD
  - TRAFFIC LANE
  - TYPE III BARRICADES
  - TEMPORARY SIGN
  - TEMPORARY CONCRETE BARRIER
  - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
  - DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
  - DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
  - ② EPOXY PAVEMENT MARKING - 4 INCH (WHITE)
  - ③ EPOXY PAVEMENT MARKING - 4 INCH (YELLOW)
  - ④ EPOXY PAVEMENT MARKING - 6 INCH (WHITE) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
  - ④a EPOXY PAVEMENT MARKING - 6 INCH (WHITE) (2' DASH, 6' SKIP)
  - ⑤ EPOXY PAVEMENT MARKING - 12 INCH (WHITE)
  - ⑥ EPOXY PAVEMENT MARKING - 12 INCH (YELLOW)
  - ⑦ EPOXY PAVEMENT MARKING - 24 INCH (WHITE)
  - ⑧ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (WHITE)
  - ⑨ WET REFLECTIVE TEMPORARY TAPE - 4 INCH (YELLOW)

FILE NAME =	DESIGNED -	REVISED -
... \D160J16-sht-IL171-mot-wintershutdownsouth	DRAWN -	REVISED -
USER NAME = jmajewski	CHECKED -	REVISED -
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
CROSSOVER - WINTER SHUTDOWN**

SHEET 12A OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	73a
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	