

11-06-2015 LETTING ITEM 075

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 372/373 (IL ROUTE 171 (NB))
47th STREET TO 55th STREET BRIDGE COMPLEX AT I-55 INTERCHANGE

SECTION: 2013-037B-R
BRIDGE REHABILITATION, BRIDGE WIDENING, RAMP
MODIFICATIONS, ADD AUXILIARY LANE, LIGHTING, SIGNING
& RETAINING WALL

PROJECT: ACNHPP-000V (034)
COOK COUNTY
C-91-368-13

F.A.P. RTE. 372/373	SECTION 2013-037B-R	COUNTY COOK	TOTAL SHEETS 787	SHEET NO. 1
ILLINOIS			CONTRACT NO. 60W75	

D-91-191-10



LOCATION OF SECTION INDICATED THIS: - [Black Box] -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

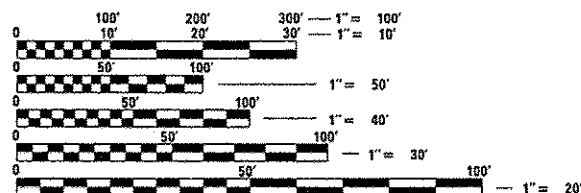
THIS PROJECT IS LOCATED
IN THE VILLAGES OF
McCOOK, LYONS & SUMMIT

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 016-1006 NB IL 171 OVER JOLIET ROAD
- SN 016-2454 NB IL 171 OVER BNSF RR
- SN 016-2456 NB IL 171 OVER DES PLAINES RIVER VALLEY
- SN 016-0985 NB IL 171 OVER DES PLAINES RIVER
- SN 016-0987 SB I-55 RAMP TO NB IL 171 OVER
DES PLAINES RIVER
- SN 016-0487 NB IL 171 OVER SANITARY & SHIP CANAL
- SN 016-0489 NB IL 171 OVER IC RR
- SN 016-2408 NB IL 171 RAMP TO NB I-55 OVER
SANITARY & SHIP CANAL
- SN 016-0671 RETAINING WALL AT NB IL 171 BETWEEN
JOLIET ROAD AND 50TH STREET
- SN 016-1197 RETAINING WALL AT NB IL 171 SOUTH
OF 47TH STREET

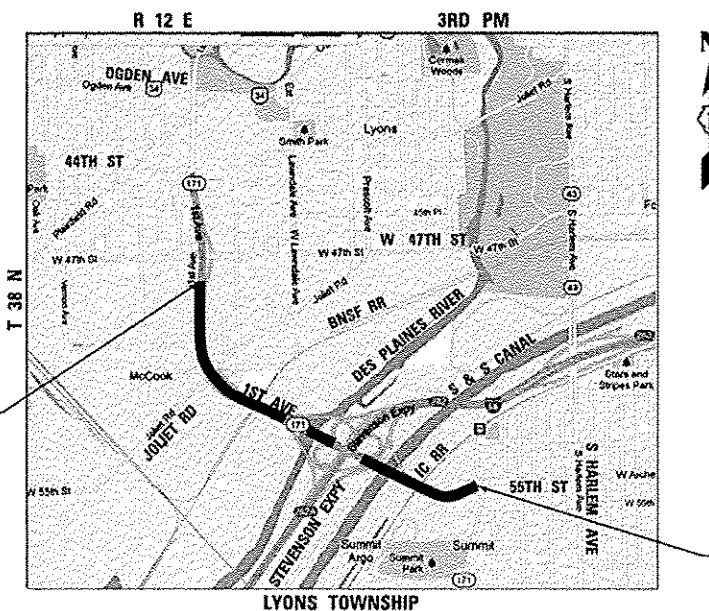


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT MANAGER: RAJENDRA C. SHAH, P.E. (847) 705-4555
PROJECT ENGINEER: JEAN ALIX BRICE (847) 705-4552

CONTRACT NO. 60W75



END IMPROVEMENT
STA 100 + 39.58

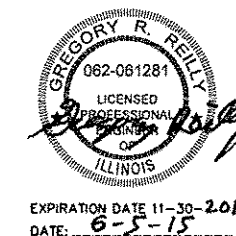
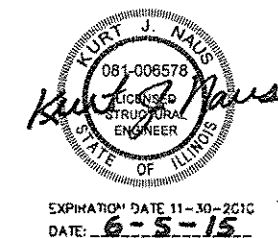
BEGIN IMPROVEMENT
STA 17 + 50.00

LOCATION MAP

NOT TO SCALE

GROSS LENGTH = 8289.58 FT = 1.57 MILE
NET LENGTH = 7772.86 FT = 1.47 MILE

BRIDGE OMISSION:
SN 016-1511
NB IL 171 OVER I-55
(STA 38+94.58 TO STA 44+11.30)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED June 5 2015
John F. Williams, Jr.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Oct 2 2015
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Oct 2 2015
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

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* INCLUDED AS SHEETS 751-777.

STATE STANDARDS


STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREA OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-08	PAVEMENT JOINTS
420401-11	BRIDGE APPROACH CONNECTOR PAVEMENT
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
483001-04	PCC SHOULDER
515001-03	NAME PLATES FOR BRIDGES
542401-01	METAL END SECTION FOR PIPE CULVERTS
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
610001-06	SHOULDER INLET WITH CURB
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-09	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-13	TRAFFIC BARRIER TERMINAL, TYPE 6
631033-06	TRAFFIC BARRIER TERMINAL, TYPE 6B
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
643001-02	SAND MODULE IMPACT ATTENUATORS
701400-08	APPROACH TO LANE CLOSURE FREEWAY/EXPRESSWAY
701401-09	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701416-08	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH CROSSOVER AND BARRIER
701421-07	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701422-07	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701427-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS ≤ 40 MPH
701428	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701431-10	LANE CLOSURE, MULTILANE, UNDIVIDED WITH CROSSOVER, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701446-06	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701901-04	TRAFFIC CONTROL DEVICES
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814001-03	HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION

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.
4. 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. THE PAVEMENT IS TO BE SWEPT AND CLEANED PRIOR TO THE PLACEMENT OF ANY TEMPORARY PAVEMENT MARKINGS.
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 ECKERT, 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 ADJUTING 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 WERE 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. THE CONTRACTOR IS RESPONSIBLE FOR PAYMENT OF RAILROAD FLAGGING SERVICES FOR THE BNSF RR AND THE MWRDGC RR PER ARTICLE 109.05 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR PAYMENT OF RAILROAD FLAGGING SERVICES FOR THE IC RR PER THE CONTRACT SPECIAL PROVISIONS.
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. ALL PAVEMENT MARKING REMOVAL ON FINAL SURFACES SHALL BE REMOVED BY HYDRO-BLASTING.
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. THE COAST GUARD MUST BE CONTACTED AT LEAST 30 DAYS PRIOR TO ANY WORK IN OR OVER THE SANITARY AND SHIP CANAL TO COORDINATE VESSEL PASSAGES AND ISSUE NOTICE TO MARINERS. COORDINATION MAY INCLUDE, BUT NOT BE LIMITED TO, SUBMITTING PROJECT INFORMATION AND SCOPE, PROPOSED CONSTRUCTION ACTIVITIES, DATES AND DURATION OF WORK, WORKING HOURS AND EQUIPMENT TO BE USED. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. CONTACT MR. SCOT STRIFFLER, BRIDGE PROGRAM MANAGER, NINTH COAST GUARD DISTRICT AT (216) 902-6087.
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 SEPARATELY, 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 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.
34. THE CONTRACTOR SHALL NOT STORE ANY CONSTRUCTION MATERIAL ON THE ACCESS ROAD DURING CONSTRUCTION. THE CONTRACTOR SHALL KEEP THE ACCESS ROAD OPEN AT ALL TIMES, AND AT THE COMPLETION OF THE PROJECT, LEAVE THE ACCESS ROAD IN SUBSTANTIALLY THE SAME CONDITION AS IT WAS PRIOR TO THE START OF CONSTRUCTION.
35. THE KINDER MORGAN NATURAL GAS PIPELINE COMPANY, LLC (NGPL) OPERATES THREE HIGH PRESSURE NATURAL GAS PIPELINES WITHIN THE PROJECT LIMITS. NGPL REQUIRES THAT A NGPL REPRESENTATIVE BE ON SITE THE ENTIRE TIME WORK IS BEING COMPLETED 25 FEET OR CLOSER TO THE PIPELINE. ANY DIGGING TWO FEET OR CLOSER TO THE PIPELINE MUST BE DONE BY SOFT TECHNIQUES, HAND OR HYDRO VACUUM. THE CONTRACTOR IS TO REQUEST AND FOLLOW DOCUMENTS 0M200-29, "GUIDELINES FOR DESIGN AND CONSTRUCTION NEAR KINDER MORGAN OPERATED FACILITIES" AND OPERATING AND MAINTENANCE PROCEDURE 204/CONSTRUCTION STANDARD C1005, "CONSTRUCTION NEAR COMPANY FACILITIES". THE CONTRACTOR SHALL CONTACT MR. NICHOLAS R. REISDORFF, PROJECT MANAGER, NATURAL GAS PIPELINE, LLC AT (719) 520-4646 BEFORE BEGINNING WORK. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
36. THE WEST SHORE PIPELINE COMPANY, "WEST SHORE", OPERATED BY BUCKEYE PARTNERS, L.P., DOES HAVE FACILITIES WITHIN THE PROJECT LIMITS. AT APPROXIMATELY IL 171 STA. 26+80, THERE IS A 10 INCH DIAMETER HIGH PRESSURE PETROLEUM PIPELINE RUNNING IN A NORTH-SOUTH DIRECTION, CROSSING IL 171. WEST SHORE REQUIRES THAT A WEST SHORE REPRESENTATIVE BE ON SITE THE ENTIRE TIME WORK IS BEING COMPLETED 25 FEET OR CLOSER TO THE PIPELINE. NON-INVASIVE AND NON-VIBRATORY METHODS TO REMOVE ANY EXISTING PAVEMENT ARE REQUIRED WITHIN 50 FEET OF THE PIPELINE. VIBRATORY ROLLERS ARE NOT TO BE USED WITHIN 50 FEET OF THE PIPELINE. THE CONTRACTOR SHALL CONTACT WEST SHORE PERSONNEL AT 708-227-0962 BEFORE BEGINNING WORK. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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 : ...ND162w75raht-general notes.dgn	DESIGNED - AG	REVISED -	 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND COMMITMENTS	F.A.P. RTE. 372/373	SECTION 2013-0378-R	COUNTY COOK	TOTAL SHEETS 787	SHEET NO. 3	
USER NAME : jna,javaki	DRAWN - TMB	REVISED -		SCALE: NTS	SHEET 1 OF 1 SHEETS	STA.				
CHECKED - JMM	DATE - 6/12/2015	REVISED -		TO STA.						
PLOT DATE : 6/17/2015				CONTRACT NO. 60W75 ILLINOIS FED. AID PROJECT						

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	THICKNESS	VOIDS @ N _{DES}	QMP
MAINLINE RESURFACING (PAVEMENT) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm)	1 3/4"	4% @ 90 Gyr	OCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90 (IL-19.0) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90 (IL-19.0) STA 19+00 TO STA 21+57.97 STA 24+02.41 TO STA 27+34.75 STA 36+08.19 TO STA 38+94.58 STA 44+11.30 TO STA 45+50	2 1/4" MIN. VARIES	4% @ 90 Gyr	OCP
MAINLINE RESURFACING (SHOULDERS) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	1 3/4"	4% @ 70 Gyr	OCP
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0)	2 1/4" MIN.	4% @ 70 Gyr	OCP
PATCHING** CLASS D PATCHES (HMA BINDER IL-19 mm)	10"	4% @ 70 Gyr	QC/QA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	2 1/4" MIN.	4% @ 70 Gyr	QC/QA
RAMP E REMOVAL AND REPLACEMENT OF SHOULDERS (SEE MOT PLANS) HOT-MIX ASPHALT SHOULDER, 12 3/4"			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	2"	4% @ 70 Gyr	OCP
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0)	10 3/4"	4% @ 70 Gyr	OCP
RAMP C PROPOSED PAVEMENT POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm)	2"	4% @ 90 Gyr	OCP
HOT-MIX ASPHALT BASE COURSE, 12"			
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90 (IL-19.0)	2 1/2"	4% @ 90 Gyr	OCP
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0)	9 1/2"	4% @ 70 Gyr	OCP
RAMP C PROPOSED SHOULDERS HOT-MIX ASPHALT SHOULDER, 8"			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	2"	4% @ 70 Gyr	OCP
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0)	6"	4% @ 70 Gyr	OCP
MAINLINE PROPOSED SHOULDERS HOT-MIX ASPHALT SHOULDER, 8"			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	2"	4% @ 70 Gyr	OCP
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0)	6"	4% @ 70 Gyr	OCP
MAINLINE PROPOSED WIDENING STABILIZED SUB-BASE HOT-MIX ASPHALT (STABILIZED SUBBASE) (HMA BINDER IL-19mm)	4"	3% @ 50 Gyr	QC/QA
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/QA

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) ; QUALITY CONTROL FOR PERFORMANCE (OCP)

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

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURES IS 112 LBS/50 YD³/IN.
2. 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.
3. CONTRACTOR SHALL PATCH BEFORE MILLING. SEE STANDARD BD-22.
4. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
5. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

FILE NAME =	DESIGNED - AC	REVISED -	benesch engineers • scientists • planners	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA TABLE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...D162W75-hht-HMA table.dgn	DRAWN - TMB	REVISED -			372/373	2013-0378-R	COOK	787	4			
USER NAME = jma.jwshs	CHECKED - JMM	REVISED -			SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 60W75				
PLDT DATE = 6/28/2015	DATE - 6/12/2015	REVISED -			ILLINOIS FED. AID PROJECT							

CONSTRUCTION CODE

80% FED / 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE														
				ROADWAY	S.N. 016-1006	S.N. 016-2454	S.N. 016-2456	S.N. 016-0985	S.N. 016-0987	S.N. 016-0487	S.N. 016-0489	S.N. 016-2408	SAFETY	S.N. 016-0671	S.N. 016-1197	SIGN STRUCTURES	TRAINEES	DRAINAGE
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
25100630	EROSION CONTROL BLANKET	SO YD	13989	13989														
25200200	SUPPLEMENTAL WATERING	UNIT	25	25														
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	348	348														
28000305	TEMPORARY DITCH CHECKS	FOOT	10200	10200														
28000315	AGGREGATE DITCH CHECKS	TON	44	44														
28000400	PERIMETER EROSION BARRIER	FOOT	2296	2296														
28000510	INLET FILTERS	EACH	10	10														
28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	6663	6663														
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	500	500														
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	5556	5556														
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SO YD	819	819														
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SO YD	112	112														
35501332	HOT-MIX ASPHALT BASE COURSE, 12"	SO YD	532	532														
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	15135	15135														

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE														
				ROADWAY	S.N. 016-1006	S.N. 016-2454	S.N. 016-2456	S.N. 016-0985	S.N. 016-0987	S.N. 016-0487	S.N. 016-0489	S.N. 016-2408	SAFETY	S.N. 016-0671	S.N. 016-1197	SIGN STRUCTURES	TRAINEES	DRAINAGE
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	80	80														
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	286	286														
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	427	427														
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	999	999														
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	332	332														
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	753	753														
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	676	676														
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SO YD	318	318														
44000100	PAVEMENT REMOVAL	SO YD	7789	7789														
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SO YD	9145	9145														
44000400	GUTTER REMOVAL	FOOT	50												50			
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SO YD	1278	1278														
44004250	PAVED SHOULDER REMOVAL	SO YD	1907	1907														
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	426	426														

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	S.N. 016-1006	S.N. 016-2454	S.N. 016-2456	S.N. 016-0985	S.N. 016-0987	S.N. 016-0487	S.N. 016-0489	S.N. 016-2408	SAFETY	S.N. 016-0671	S.N. 016-1197	SIGN STRUCTURES	TRAINEES	DRAINAGE		
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	426	426																
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	213	213																
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	213	213																
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SO YD	3472	3472																
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	3712	3712																
48203048	HOT-MIX ASPHALT SHOULDERS, 12 3/4"	SO YD	40	40																
50102400	CONCRETE REMOVAL	CU YD	167.7		21.6		35.1	15.1	37.9	42.9	15.1									
50104650	SLOPE WALL REMOVAL	SO YD	1304				20	30	593	661										
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									
50105220	PIPE CULVERT REMOVAL	FOOT	1608															1608		

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				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
50157300	PROTECTIVE SHIELD	SD YD	15100			1772	6855	2104			2359	330	1680							
50200100	STRUCTURE EXCAVATION	CU YD	1398			103	69	141			806	279								
50300100	FLOOR DRAINS	EACH	98					40			54	4								
50300225	CONCRETE STRUCTURES	CU YD	628.5			49.0	58.6	75.2			334.0	111.7								
50300255	CONCRETE SUPERSTRUCTURE	CU YD	5496.9			702.8	2226.8	799.3	15.1	1231.1	506.7	15.1								
50300260	BRIDGE DECK GROOVING	SD YD	15938			2116	6520	2354			3674	1274								
50300280	CONCRETE ENCASEMENT	CU YD	5.6					1.4			2.8	1.4								
50300300	PROTECTIVE COAT	SD YD	27526		1926	2565	8476	2935	3225	4543	1514	2342								
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1				0.30	0.30			0.35	0.05								
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	6840							6780		60								
50500505	STUD SHEAR CONNECTORS	EACH	42012			1642	13587	8856			12176	5751								
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1424430			189680	556320	201910	1100	352420	120570	2430								
50800515	BAR SPLICERS	EACH	195			57		41			97									
50800530	MECHANICAL SPLICERS	EACH	36					36												

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				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
51100100	SLOPE WALL 4 INCH	SO YD	1565			20			30	713	802									
51100300	SLOPE WALL 6 INCH	SO YD	48					48												
51201600	FURNISHING STEEL PILES HP12X53	FOOT	1127					99		706	322									
51201800	FURNISHING STEEL PILES HP14X73	FOOT	281				281													
51202305	DRIVING PILES	FOOT	1408				281	99		706	322									
51203600	TEST PILE STEEL HP12X53	EACH	9					1		4	4									
51203800	TEST PILE STEEL HP14X73	EACH	2				2													
51204650	PILE SHOES	EACH	46				8	4		20	14									
51500100	NAME PLATES	EACH	5			1	1	1		1	1									
51602000	PERMANENT CASING	FOOT	24				13	11												
* 51603000	DRILLED SHAFT IN SOIL	CU YD	45.2				2.3	5.9		37.0										
* 51604000	DRILLED SHAFT IN ROCK	CU YD	2.1				0.5	1.6												
52000020	PREFORMED JOINT SEAL 1 3/4"	FOOT	37.5		37.5															
52000030	PREFORMED JOINT SEAL 2 1/2"	FOOT	207.5		207.5															

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				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
52000050	PREFORMED JOINT SEAL 4"	FOOT	38.5		38.5															
52000110	PREFORMED JOINT STRIP SEAL	FOOT	776.0			168.0	233.5	42.0		240.5		92.0								
52000212	FINGER PLATE EXPANSION JOINT, 4"	FOOT	73.5				40.0		33.5											
52000600	FABRIC REINFORCED ELASTOMERIC TROUGH	FOOT	110.0				40.0		70.0											
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	17				4	4		7	2									
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	13				6	2		4	1									
52100510	ANCHOR BOLTS, 3/4"	EACH	64				18	16		26	4									
52100520	ANCHOR BOLTS, 1"	EACH	12				6			4	2									
54215547	METAL END SECTIONS 12"	EACH	8															8		
58700300	CONCRETE SEALER	SO FT	3520			299	257	645		2319										
59000200	EPOXY CRACK INJECTION	FOOT	903		37	72		15	86	100	18			536	39					
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	246			44		41		70	91									
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	1															1		
60105000	PIPE DRAINS, CORRUGATED STEEL OR ALUMNIUM ALLOY 12"	FOOT	244															244		

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				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
60107700	PIPE UNDERDRAINS 6"	FOOT	328															328		
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	20															20		
60500040	REMOVING MANHOLES	EACH	2															2		
60500060	REMOVING INLETS	EACH	5															5		
60602500	CONCRETE GUTTER, TYPE A	FOOT	50												50					
60900515	CONCRETE THRUST BLOCKS	EACH	8															8		
61000225	TYPE F INLET BOX, STANDARD 610001	EACH	3															3		
61000335	TYPE G INLET BOX, STANDARD 610001	EACH	5															5		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	5070.5										5070.5							
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	8										8							
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1										1							
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	13										13							
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	2										2							
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2										2							

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				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	6										6							
63200310	GUARDRAIL REMOVAL	FOOT	5974										5974							
* 63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	250										250							
* 63302000	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 2	EACH	1										1							
* 63302720	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6B	EACH	1										1							
63500105	DELINEATORS	EACH	28										28							
63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	8019										8019							
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1										1							
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	930	930																
66201120	CONCRETE SHOULDER CURB	FOOT	67															67		
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1																
67100100	MOBILIZATION	L SUM	1	1																
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6																
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	210	210																
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	32	32																
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3312	3312																
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	11765	11765																

17 * SPECIALTY ITEM

CONSTRUCTION CODE

80% FED / 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE														
				ROADWAY	S.N. 016-1006	S.N. 016-2454	S.N. 016-2456	S.N. 016-0985	S.N. 016-0987	S.N. 016-0487	S.N. 016-0489	S.N. 016-2408	SAFETY	S.N. 016-0671	S.N. 016-1197	SIGN STRUCTURES	TRAINEES	DRAINAGE
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
T0400100	TEMPORARY CONCRETE BARRIER	FOOT	9112.5	9112.5														
T0600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1														1	
T0600251	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2														2	
* 72000100	SIGN PANEL - TYPE 1	SO FT	373														373	
* 72000200	SIGN PANEL - TYPE 2	SO FT	403														403	
* 72000300	SIGN PANEL - TYPE 3	SO FT	1097														1097	
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	10														10	
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	16														16	
* 72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	164														164	
* 72400320	REMOVE SIGN PANEL - TYPE 2	SO FT	231														231	
* 72400330	REMOVE SIGN PANEL - TYPE 3	SO FT	1007														1007	
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	595														595	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	467														467	
* 73000100	WOOD SIGN SUPPORT	FOOT	318														318	

* SPECIALTY ITEM

Rev.

CONSTRUCTION CODE

80% FED / 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	S.N. 016-1006	S.N. 016-2454	S.N. 016-2456	S.N. 016-0985	S.N. 016-0987	S.N. 016-0487	S.N. 016-0489	S.N. 016-2408	SAFETY	S.N. 016-0671	S.N. 016-1197	SIGN STRUCTURES	TRAINEES	DRAINAGE		
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1										1							
* 73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	156													156				
* 73302200	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (30" X 7'-0")	FOOT	90													90				
* 73400100	CONCRETE FOUNDATIONS	CU YD	2													2				
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	51													51				
* 73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	2													2				
* 73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	2													2				
* 73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	4										4							
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	4										4							
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	6										6							
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SD FT	498										498							
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	28,744										28,744							
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1525										1525							
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	6727										6727							

* SPECIALTY ITEM

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CONSTRUCTION CODE

80% FED / 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													SIGN STRUCTURES	TRAINEES	DRAINAGE
				ROADWAY	S.N. 016-1006	S.N. 016-2454	S.N. 016-2456	S.N. 016-0985	S.N. 016-0987	S.N. 016-0487	S.N. 016-0489	S.N. 016-2408	SAFETY	S.N. 016-0671	S.N. 016-1197				
				0004 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0021 URBAN	0040 URBAN	0040 URBAN	0040 URBAN			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3586												3586				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	220												220				
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	42												42				
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	19,048												19,048				
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	87												87				
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	5502												5502				
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	903												903				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	489												489				
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	303												303				
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	12	12															
* 78200200	BIDIRECTIONAL PRISMATIC BARRER REFLECTOR	EACH	323												323				
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	111												111				
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	693	693															
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	8												8				

* SPECIALTY ITEM

Rev.

CONSTRUCTION CODE

80% FED / 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	S.N. 016-1006	S.N. 016-2454	S.N. 016-2456	S.N. 016-0985	S.N. 016-0987	S.N. 016-0487	S.N. 016-0489	S.N. 016-2408	SAFETY	S.N. 016-0671	S.N. 016-1197	SIGN STRUCTURES	TRAINEES	DRAINAGE		
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
78300100	PAVEMENT MARKING REMOVAL	SD FT	6445										6445							
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	12										12							
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	25000										25000							
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2										2							
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1										1							
* 81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	80										80							
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	1807										1807							
* 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	145										145							
* 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	1296										1296							
* 81100705	CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., PVC COATED GALVANIZED STEEL	FOOT	170										170							
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	3331										3331							
* 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	2										2							
* 81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	17										17							
* 81300800	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 12" X 6"	EACH	17										17							

* SPECIALTY ITEM

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	S.N. 016-1006	S.N. 016-2454	S.N. 016-2456	S.N. 016-0985	S.N. 016-0987	S.N. 016-0487	S.N. 016-0489	S.N. 016-2408	SAFETY	S.N. 016-0671	S.N. 016-1197	SIGN STRUCTURES	TRAINEES	DRAINAGE			
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
* 81603081	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	30082										30082								
* 81603090	UNIT DUCT, 600V, 3-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1493										1493								
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	507										507								
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	200										200								
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	7620										7620								
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	21060										21060								
* 81702220	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350MCM	FOOT	903										903								
* 82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	39										39								
* 82105600	LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 400 WATT	EACH	206										206								
* 82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	2										2								
* 83050715	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 6 FT. DAVIT ARM	EACH	18										18								
* 83050825	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	21										21								
* 83504700	LIGHT TOWER, 120 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 12	EACH	39										39								
* 83600365	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 10" X 8"	EACH	21										21								

* SPECIALTY ITEM

CONSTRUCTION CODE

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				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
* 83700350	LIGHT TOWER FOUNDATION, 54" DIAMETER	FOOT	662										662							
* 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	21										21							
* 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	6										6							
* 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	49										49							
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	22										22							
* 84301200	REMOVAL OF NAVIGATION OBSTRUCTION WARNING LIGHTING SYSTEM	L SUM	1										1							
* 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2										2							
* 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2										2							
* 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2										2							
* 87301855	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 8 2C	FOOT	1110										1110							
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	110										110							
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2										2							
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	12556										12556							
* 89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	3										3							

* SPECIALTY ITEM

FILE NAME =	DESIGNED - AG	REVISED -
...General\1060478-elt-500-10.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajenaki	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 15 OF 20 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/313	2013-037B-R	COOK	787	19
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

80% FED / 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	S.N. 016-1006	S.N. 016-2454	S.N. 016-2456	S.N. 016-0985	S.N. 016-0987	S.N. 016-0487	S.N. 016-0489	S.N. 016-2408	SAFETY	S.N. 016-0671	S.N. 016-1197	SIGN STRUCTURES	TRAINEES	DRAINAGE	
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
K1005863	TREE ROOT PRUNING	EACH	15	15															
Z0000300	ADJUST ROCKER AND SOLE PLATE	EACH	8								8								
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	7			4	3												
Z0001903	STRUCTURAL STEEL REMOVAL	POUND	68200		10140	16570	3670	16290	21530										
Z0001905	STRUCTURAL STEEL REPAIR	POUND	71840		3580	4700	51680		2000	3230	6460	190							
Z0004552	APPROACH SLAB REMOVAL	SQ YD	887	887															
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1		1														
Z0007102	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 2	L SUM	1			1													
Z0007103	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 3	L SUM	1				1												
Z0007104	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 4	L SUM	1							1									
Z0007105	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 5	L SUM	1								1								
Z0010400	CLEANING BRIDGE SEATS	SQ FT	5238		854	1972	440			1448	524								
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	2912		153	318	1133	323	239	282	59	393		9	3				
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	591		31	64	227	65	50	57	12	85							

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CONSTRUCTION CODE

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				0004	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0040	0040	0040	0040	0040	0040
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1																
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	29.3		5.0				5.0			19.3								
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	54.4		5.0				5.0			44.4								
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	32.4		10.0				10.0			12.4								
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	22			2	16	4												
Z0018010	DRAINAGE SCUPPERS, DS-33	EACH	3			3														
* Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	6															6		
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	5															5		
Z0018800	DRAINAGE SYSTEM	L SUM	1			1														
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	85										85							
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	39										39							
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	13										13							
Z0034806	MODULAR EXPANSION JOINT-SWIVEL 6"	FOOT	66.5						66.5											
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	420			64		58		134	164									

* SPECIALTY ITEM
 ** NON-PARTICIPATING (100% STATE)

CONSTRUCTION CODE																				
80% FED / 20% STATE																				
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	S.N. 016-1006	S.N. 016-2454	S.N. 016-2456	S.N. 016-0985	S.N. 016-0987	S.N. 016-0487	S.N. 016-0489	S.N. 016-2408	SAFETY	S.N. 016-0671	S.N. 016-1197	SIGN STRUCTURES	TRAINEES	DRAINAGE		
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1																
Z0064800	SELECTIVE CLEARING	UNIT	41		2	1		1	1	2	2	2		20	10					
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SO FT	2542								1761	781								
Z0073200	TEMPORARY SHORING AND CRIBBING	EACH	16			3	6	2		3		2								
Z0073400	TEMPORARY SUPPORT SYSTEM	EACH	4				4													
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	23	23																
Z0076600	TRAINEES	HOUR	1000															1000		
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000															1000		
* X0322433	LIGHT TOWER, SERVICE PAD	EACH	16										16							
* X0322434	LIGHT TOWER, SERVICE PAD, SPECIAL	EACH	23										23							
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	4															4		
X0323586	PIPE DRAIN REMOVAL	FOOT	231															231		
X0323710	REMOVE CONDUIT ATTACHED TO STRUCTURE	FOOT	12022		686	756	4407	1672	1746	1689	498	568								
X0326232	FENDER SYSTEM	L SUM	1								0.75	0.25								

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				ROADWAY	S.N. 016-1006	S.N. 016-2454	S.N. 016-2456	S.N. 016-0985	S.N. 016-0987	S.N. 016-0487	S.N. 016-0489	S.N. 016-2408	SAFETY	S.N. 016-0671	S.N. 016-1197	SIGN STRUCTURES	TRAINEES	DRAINAGE		
				0004 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0014 URBAN	0021 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0042 URBAN	0044 URBAN		
* * X0326796	CLEAN TROUGH	EACH	1											1						
* X0326797	RE-ATTACH GUARDRAIL TO STRUCTURE	EACH	2							2										
* X0326865	POST MOUNTED FLASHING BEACON INSTALLATION	EACH	4											4						
X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	3.00	3.00																
* * X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	180																	180
* * X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	219																	219
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	669			103		97	20	124	325									
X6431120	REMOVE IMPACT ATTENUATOR SAND MODULE	EACH	1											1						
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	13	13																
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1																
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1																
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	31302	31302																
X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	457	457																
X7030045	WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH	FOOT	1138	1138																

* SPECIALTY ITEM
 * * NON-PARTICIPATING (100% STATE)

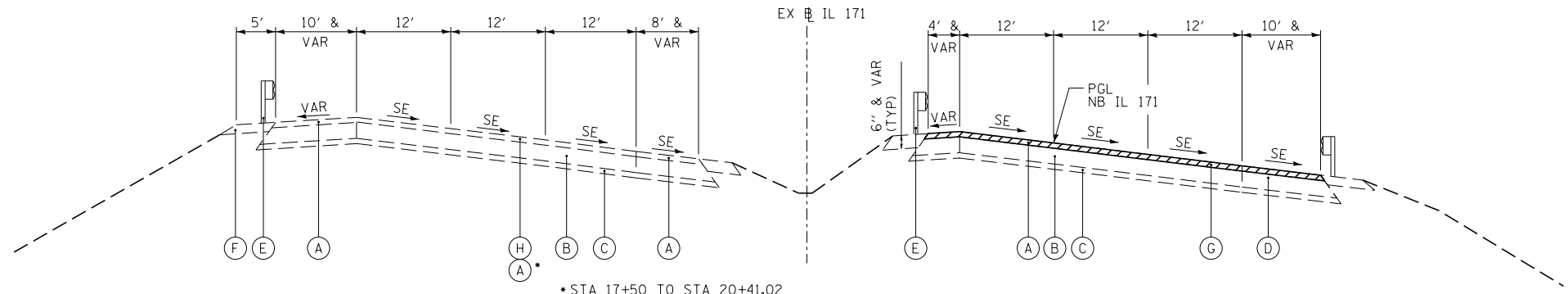
CONSTRUCTION CODE

80% FED / 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	S.N. 016-1006	S.N. 016-2454	S.N. 016-2456	S.N. 016-0985	S.N. 016-0987	S.N. 016-0487	S.N. 016-0489	S.N. 016-2408	SAFETY	S.N. 016-0671	S.N. 016-1197	SIGN STRUCTURES	TRAINEES	DRAINAGE		
				0004	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0021	0040	0040	0040	0042	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
X7030050	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	344	344																
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	201										201							
* X7310110	BASE FOR TELESCOPING SIGN SUPPORT, SPECIAL	EACH	3										3							
* 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	41										41							
* X8420510	REMOVAL OF TOWER FOUNDATION	EACH	45										45							
Ø Z0076600	TRAINEES	HOUR	1000	1000																
Ø Z0076604	TRAINEES-TRAINING PROGRAM GRADUATE	HOUR	1000	1000																

* SPECIALTY ITEM
Ø 0042

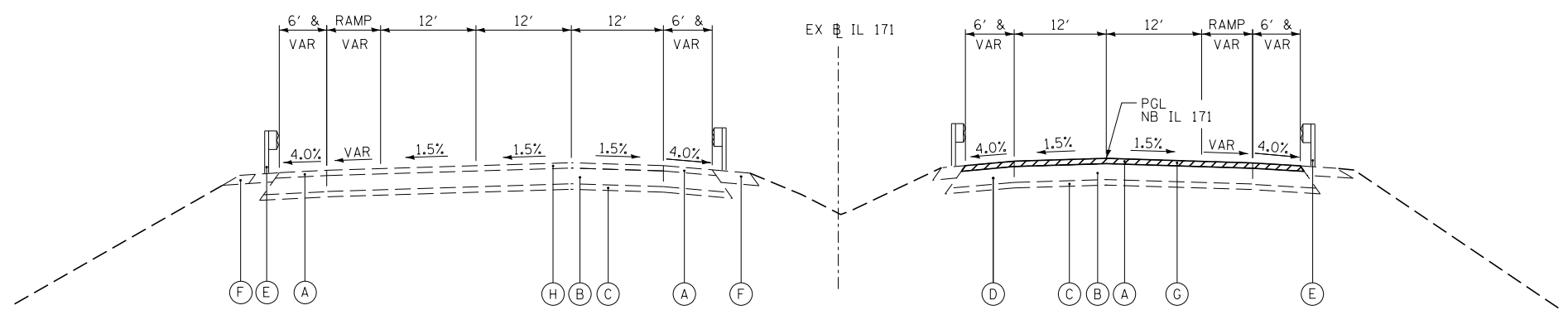
Rev.



• STA 17+50 TO STA 20+41.02

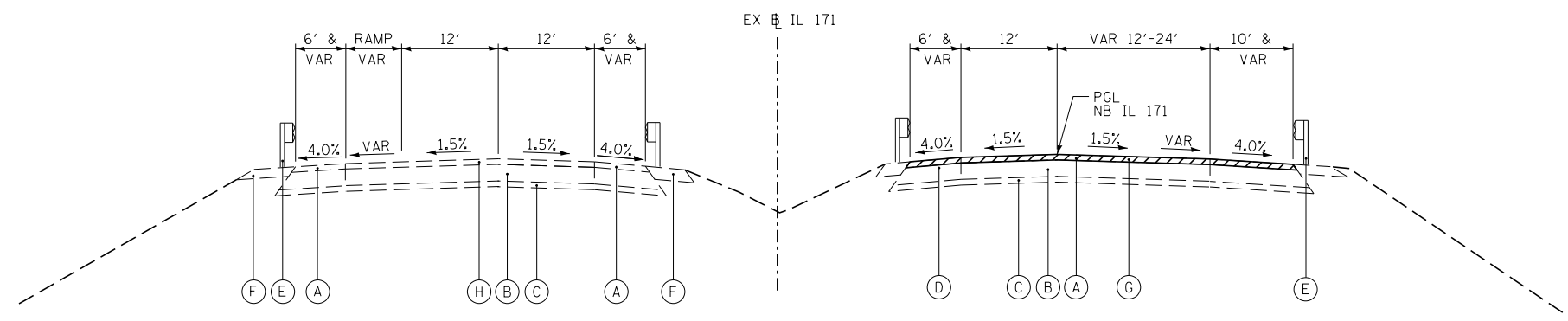
IL 171

STA 17+50.00 TO STA 21+62.65



IL 171

STA 23+98.80 TO STA 27+39.39



IL 171

STA 36+04.02 TO STA 38+94.58
 STA 44+11.30 TO STA 48+04.16
 STA 67+20.77 TO STA 67+32.55

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"
- (H) EXISTING POLYMERIZED HOT-MIX ASPHALT BINDER AND SURFACE, 4"
- (I) PAVEMENT REMOVAL
- (J) PAVED SHOULDER REMOVAL

REMOVAL ITEMS

FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-extyp-01.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

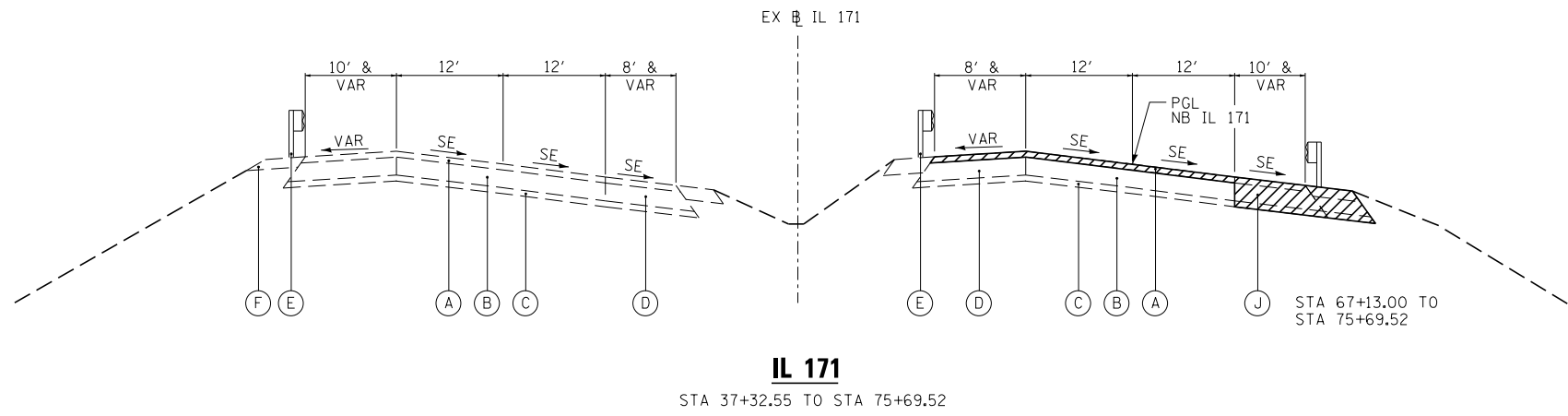


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
IL 171

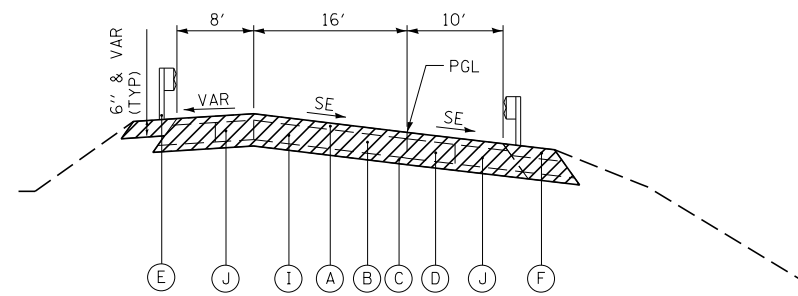
SCALE: NTS SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	25
CONTRACT NO. 60W75				ILLINOIS FED. AID PROJECT

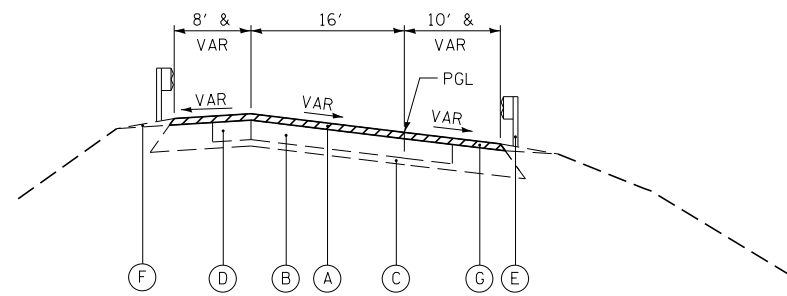


LEGEND:

- (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"
 - (H) EXISTING POLYMERIZED HOT-MIX ASPHALT BINDER AND SURFACE, 4"
 - (I) PAVEMENT REMOVAL
 - (J) PAVED SHOULDER REMOVAL
- REMOVAL ITEMS



RAMP C
STA 32+00.00 (RAMP C) TO STA 38+94.58 (IL 171)



RAMP TYPICAL
RAMP D
RAMP A
RAMP C
RAMP J

FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-ex-tyr-02.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

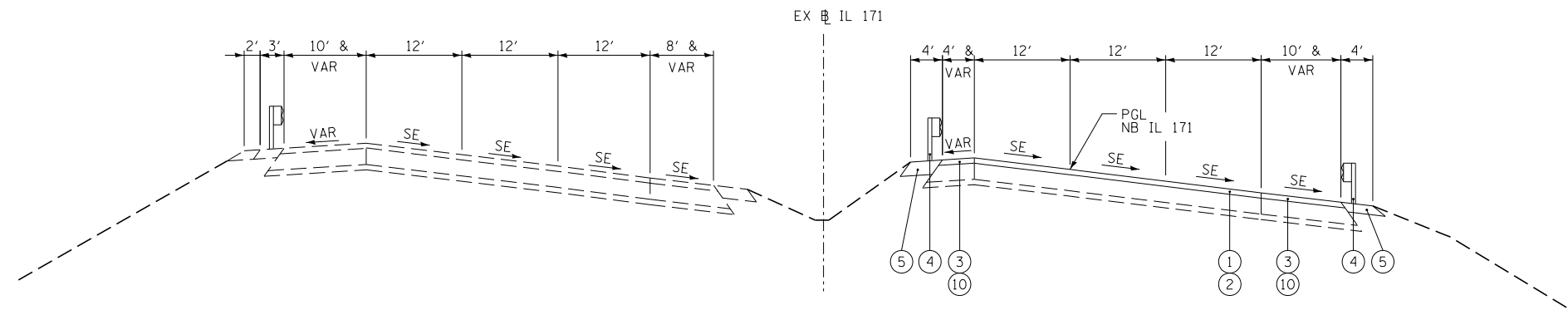
EXISTING TYPICAL SECTIONS
IL 171 & RAMPS

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

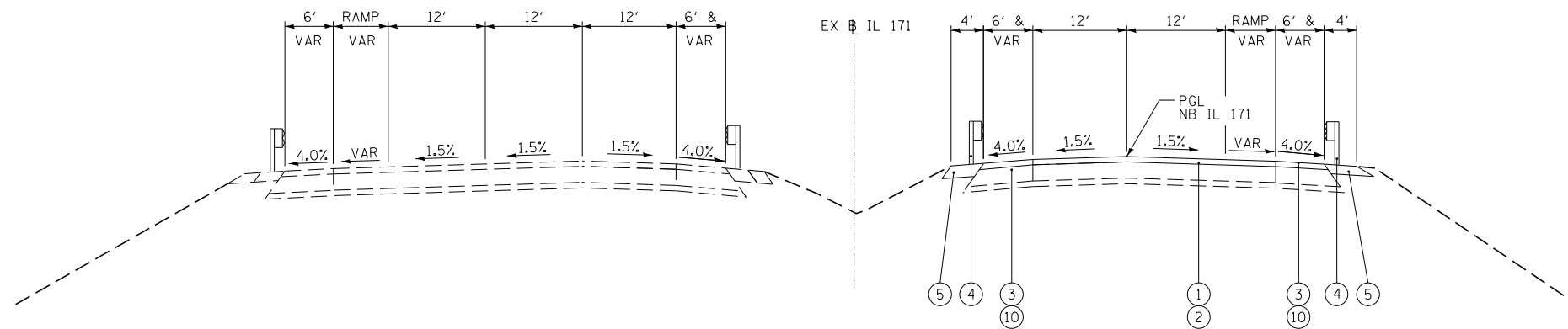
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	26
CONTRACT NO. 60W75				
ILLINOIS FED. AID PROJECT				

LEGEND:

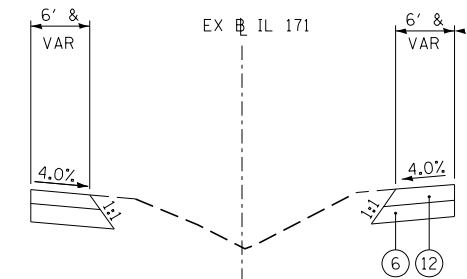
- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90 (IL-19.0), 2 1/4"
- ③ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 3/4"
- ④ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑤ AGGREGATE SHOULDERS, TYPE B, 10"
- * ⑥ AGGREGATE SUBGRADE IMPROVEMENT 12"
- * ⑦ PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10"
- * ⑧ STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
- * ⑨ PORTLAND CEMENT CONCRETE SHOULDERS 14"
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4"
- ⑪ HOT-MIX ASPHALT BASE COURSE, 12"
- ⑫ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑬ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 (IL-9.5), 2"
- ⑭ PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- ⑮ PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10"
- ⑯ TOPSOIL EXCAVATION AND REPLACEMENT
- ⑰ PIPE UNDERDRAINS 6"
- * PAID FOR AS "BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)"



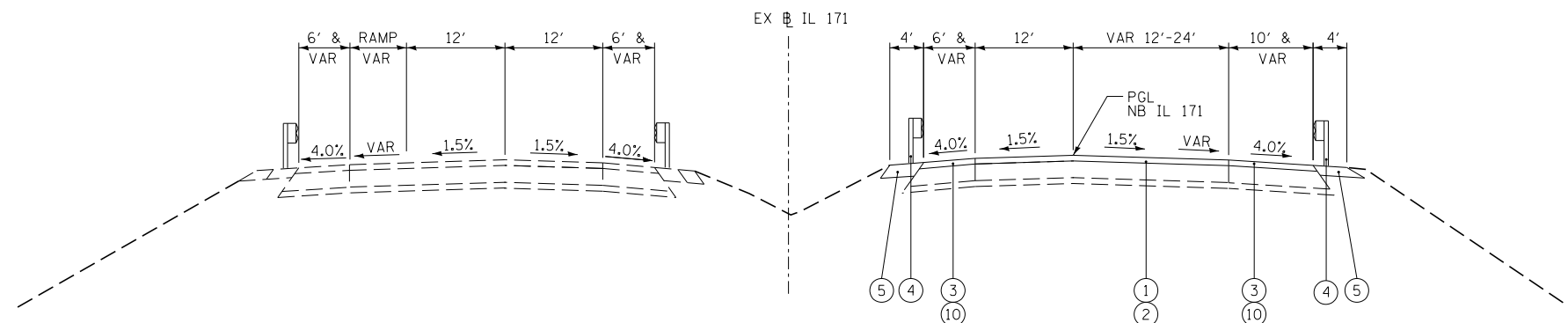
**PROPOSED TYPICAL SECTION
IL 171**
STA 17+50.00 TO STA 21+57.97



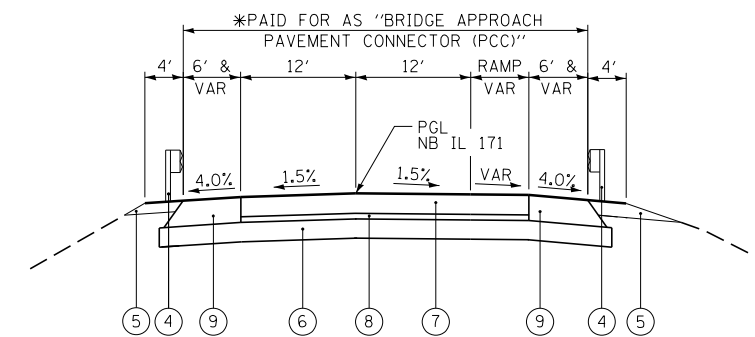
**PROPOSED TYPICAL SECTION
IL 171**
STA 24+02.41 TO STA 27+34.75



**PROPOSED TYPICAL SECTION
IL 171**
EXISTING CROSSOVER LOCATIONS
SEE ROADWAY PLANS



**PROPOSED TYPICAL SECTION
IL 171**
STA 36+08.19 TO STA 38+94.58
STA 44+11.30 TO STA 47+78.21
STA 67+20.77 TO STA 67+32.55



**PROPOSED TYPICAL SECTION
IL 171**
BRIDGE APPROACH CONNECTOR FROM STA 21+58.47 TO STA 21+68.47
BRIDGE APPROACH CONNECTOR FROM STA 23+92.41 TO STA 24+02.41
BRIDGE APPROACH CONNECTOR FROM STA 27+34.75 TO STA 27+44.75
BRIDGE APPROACH CONNECTOR FROM STA 35+98.19 TO STA 36+08.19
BRIDGE APPROACH CONNECTOR FROM STA 47+78.21 TO STA 47+88.21
BRIDGE APPROACH CONNECTOR FROM STA 67+04.73 TO STA 67+14.73
(STATIONS TO PGL ON SKEW)

FILE NAME =	DESIGNED - AG	REVISED -
... \D160W75-pr typ-IL171-01.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

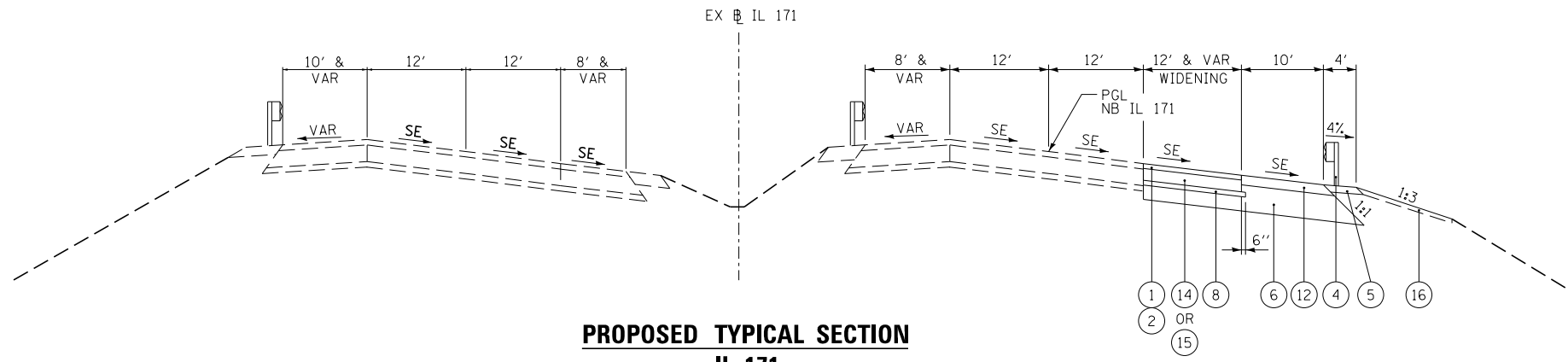


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
IL 171**

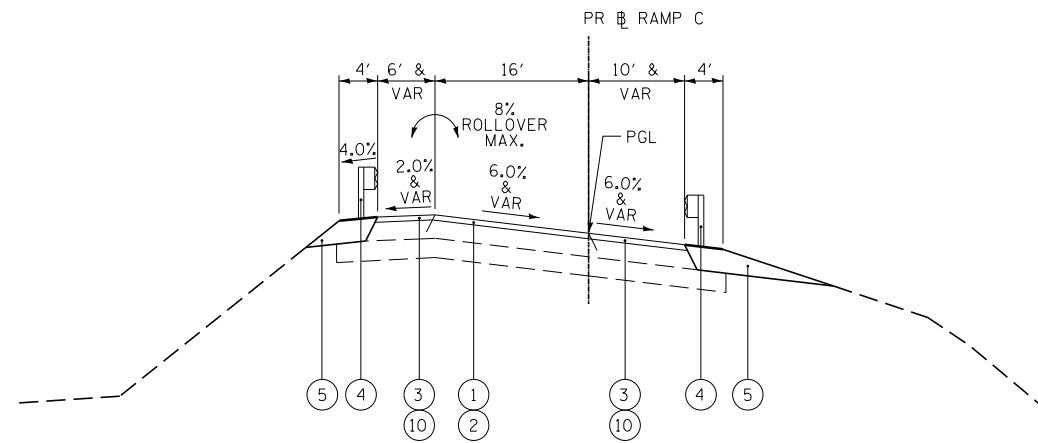
SCALE: NTS SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	27
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



**PROPOSED TYPICAL SECTION
IL 171**

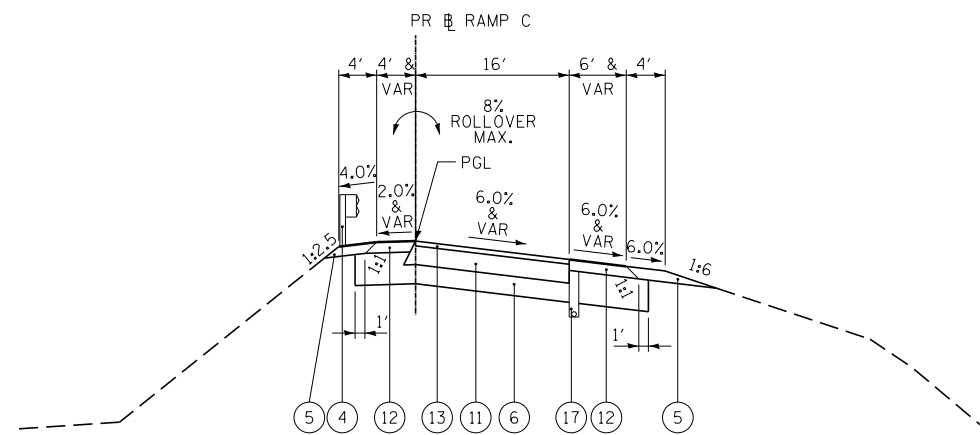
STA 67+32.55 TO STA 75+69.52



**PROPOSED TYPICAL SECTION
RAMP C**

RAMP C STA 31+18.25 TO STA 32+00.00
(MAINTAIN EXISTING GUARDRAIL STABILIZATION)

RAMP D
RAMP A
RAMP J



**PROPOSED TYPICAL SECTION
RAMP C**

STA 32+00.00 (RAMP C) TO STA 38+94.58 (IL 171)

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 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑤ AGGREGATE SHOULDERS, TYPE B, 10"
- ⑥ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑦ PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10"
- ⑧ STABILIZED SUBBASE HOT-MIX ASPHALT, 4"
- ⑨ PORTLAND CEMENT CONCRETE SHOULDERS 14"
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4"
- ⑪ HOT-MIX ASPHALT BASE COURSE, 12"
- ⑫ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑬ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 (IL-9.5), 2"
- ⑭ PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- ⑮ PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10"
- ⑯ TOPSOIL EXCAVATION AND REPLACEMENT
- ⑰ PIPE UNDERDRAINS 6"

FILE NAME =	DESIGNED - AG	REVISED -
... \D160W75-pr typ-IL171andRampC-01.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
IL 171 & RAMPS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	28
				CONTRACT NO. 60W75
ILLINOIS FED. AID PROJECT				

MOT SCHEDULE

LOCATION			63800920	70300100	70301000	70400100	70600250	70600251	78100200	78200200	78200530	78300100	78300200	X7030030	X7030040	X7030045	X7030050	X7040125
MODULAR GLARE SCREEN SYSTEM, TEMPORARY			SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	BIDIRECTIONAL PRISMATIC BARRIER REFLECTOR	BARRIER WALL MARKERS, TYPE C	PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	PINNING TEMPORARY CONCRETE BARRIER	
ROAD	START STA	END STA	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(SQ FT)	(EACH)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)
IL 171	0+00	15+00	82	226	752	80.0	1	---	---	4	7	110	---	2257	---	---	---	---
IL 171	15+00	26+00	1134	381	1270	1322.5	---	1	---	46	100	616	---	3810.475	---	---	---	60
IL 171	26+00	38+00	1200	447	1671	1290.0	---	---	---	48	100	1172	---	3955.125	81	362	71	---
IL 171	38+00	53+00	1500	563	2002	1847.0	---	---	---	60	134	1218	---	5246.8	144	180	61	---
IL 171	53+00	68+00	1500	569	2215	1500.0	---	---	12	60	120	1071	12	4775.3	232	511	167	---
IL 171	68+00	82+00	1436	577	1983	1562.0	---	1	---	58	122	1218	---	5643.9	---	85	45	---
IL 171	82+00	96+00	1167	517	1722	1173.5	---	---	---	47	95	986	---	5166.93	---	---	---	141
IL 171	96+00	110+00	---	33	109	---	---	---	---	---	---	54	---	327.6	---	---	---	---
RAMP E	-	-	---	---	39	300.0	---	---	---	---	12	---	---	118.4	---	---	---	---
SERVICE ROAD	-	-	---	---	---	37.5	---	---	---	---	3	---	---	---	---	---	---	---
TOTAL			8,019	3,312	11,765	9,112.5	1	2	12	323	693	6,445	12	31,302	457	1,138	344	201

REMOVAL SCHEDULE

LOCATION			40600982	44000100	44000165	44004250	50105220	60500040	60500060	Z0004552	Z0018700	X0322936	X0323586	X6431120
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT			PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	PAVED SHOULDER REMOVAL	PIPE CULVERT REMOVAL	REMOVING MANHOLES	REMOVING INLETS	APPROACH SLAB REMOVAL	DRAINAGE STRUCTURE TO BE REMOVED	REMOVE EXISTING FLARED END SECTION	PIPE DRAIN REMOVAL	REMOVE IMPACT ATTENUATOR SAND MODULE	
ROAD / STRUCT NO.	START STA	END STA	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(FOOT)	(EACH)	(EACH)	(SQ YD)	(EACH)	(EACH)	(FOOT)	(EACH)
ARCHER AV	79+91.64	83+50.17	---	---	---	---	---	---	---	---	---	---	---	---
NB IL 171	00+17.40	21+57.97	25	2678	2033	---	643	1	---	---	2	---	---	---
NB IL 171	21+57.97	24+02.41	---	90	---	---	---	1	---	1	---	90	---	---
NB IL 171	24+02.41	27+34.75	---	---	2179	---	---	---	---	---	---	---	---	---
NB IL 171	27+34.75	36+08.19	---	93	---	---	---	1	---	1	---	28	---	---
NB IL 171	36+08.19	38+94.58	---	---	1113	---	---	---	---	---	---	---	---	---
NB IL 171	38+94.58	44+11.30	---	129	---	---	---	---	---	---	---	---	---	---
NB IL 171	44+11.30	47+78.21	---	---	1769	---	---	---	---	---	---	---	---	---
NB IL 171	47+78.21	67+14.73	---	---	---	---	---	3	---	3	---	113	---	---
NB IL 171	67+14.73	75+70.00	---	---	547	1193	---	---	---	---	---	---	---	---
NB IL 171	75+70.00	80+61.00	---	---	---	---	---	---	---	---	---	---	---	---
NB IL 171	80+61.00	103+65.00	---	4200	---	---	965	1	---	---	2	---	---	---
NB IL 171	103+65.00	105+97.00	---	---	---	---	---	---	---	---	---	---	---	---
NB IL 171	105+97.00	110+44.90	11	---	---	---	---	---	---	---	---	---	---	---
RAMP D	22+93.84	33+68.65	15	---	294	---	---	---	---	---	---	---	---	1
RAMP F	29+30.00	37+81.93	15	---	---	---	---	---	---	---	---	---	---	---
RAMP C	31+18.25	34+29.85	---	600	269	638	---	---	---	---	---	---	---	---
RAMP A	42+49.36	45+50.00	14	---	382	---	---	---	---	---	---	---	---	---
RAMP G	22+65.20	24+44.52	---	---	---	---	---	---	---	---	---	---	---	---
RAMP E	197+47.34	200+00.00	---	---	---	44	---	---	---	---	---	---	---	---
RAMP B	52+58.30	60+77.58	---	---	---	---	---	---	---	---	---	---	---	---
RAMP J	115+22.06	120+38.15	---	---	559	33	---	---	---	---	---	---	---	---
RAMP K	16+96.28	24+98.76	---	---	---	---	---	---	---	---	---	---	---	---
RAMP N	10+00.00	15+50.31	---	---	---	---	---	---	---	---	---	---	---	---
SN 016-2454	N/A	N/A	---	---	---	---	---	---	195	---	---	---	---	---
SN 016-0985	N/A	N/A	---	---	---	---	---	---	120	---	---	---	---	---
SN 016-0487 (N)	N/A	N/A	---	---	---	---	---	---	120	---	---	---	---	---
SN 016-0487 (S)	N/A	N/A	---	---	---	---	---	---	132	---	---	---	---	---
SN 016-2408	N/A	N/A	---	---	---	---	---	---	320	---	---	---	---	---
TOTAL			80	7789	9145	1907	1608	2	5	887	5	4	231	1

DRAINAGE SCHEDULE

LOCATION		54215547	60105000	60900515	61000225	61000335	66201120	X5537800	X5538000	Z0018500
		METAL END SECTIONS 12"	PIPE DRAINS, CORRUGATED STEEL OR ALUMINUM ALLOY, 12"	CONCRETE THRUST BLOCKS	TYPE F INLET BOX STANDARD 610001	TYPE G INLET BOX STANDARD 610001	CONCRETE SHOULDER CURB	STORM SEWER TO BE CLEANED 12"	STORM SEWER TO BE CLEANED 18"	DRAINAGE STRUCTURES TO BE CLEANED
ROAD	STRUCTURE/STATION	EACH	FOOT	EACH	EACH	EACH	FOOT	FOOT	FOOT	EACH
IL-171	NB IL 171 STA 11+80, 23' LT									1
IL-171	NB IL 171 STA 12+52.5, 37' LT									1
IL-171	NB IL 171 STA 11+80 TO STA 12+52.5							75		
IL-171	NB IL 171 STA 11+80								97	
IL-171	SN 016-0489, IL 171 STA 21+57, RT SHLDR	1	90	1	1		8			
IL 171	SN 016-0487, IL 171 STA 27+34, RT SHLDR	1	15	1		1	6			
IL 171	SN 016-0487, IL 171 STA 27+42, LT SHLDR	1	10	1		1	8			
IL-171	SN 016-0487, IL 171 STA 35+94, RT SHLDR	1	20	1	1		14			
IL-171	SN 016-0985 IL 171 STA 47+83, LT SHLDR	1	10	1		1	7			
IL-171	SN 016-0985 IL 171 STA 47+83, RT SHLDR	1	35	1	1		8			
IL-171	SN 016-2454 IL 171 STA 67+15, LT SHLDR	1	12	1		1	8			
IL-171	SN 016-2454 IL 171 STA 67+00, RT SHLDR	1	52	1		1	8			
IL-171	IL 171 STA 76+54, 51' RT									1
IL-171	IL 171 STA 76+54							60		
IL-171	IL 171 STA 80+21, 49' RT									1
IL-171	IL 171 STA 80+21							40		
IL-171	IL 171 STA 91+97, 2' LT									1
IL-171	IL 171 STA 92+09, 2' LT									1
IL-171	IL 171 STA 91+97 TO STA 92+09							5		
IL-171	IL 171 STA 91+97								122	
TOTAL		8	244	8	3	5	67	180	219	6

EARTHWORK SCHEDULE

LOCATION	20200100			
	EARTH EXCAVATION	EXCAVATION VOLUME TO BE USED IN EMBANKMENT, ADJUSTED FOR 15% SHRINKAGE	EMBANKMENT VOLUME	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) VOLUME
CROSSOVERS	1750	1488	0	1,488 *
SN 016-0489	105	89	255	-166
SN 016-0487	110	94	355	-262
SN 016-0985	100	85	240	-155
SN 016-2454	30	26	75	-50
RAMP C	144	122	7	115
WIDENING (RAMP J)	215	183	59	124
TOTAL	2,455	2,086	991	1,095

Pay Item 20400800 - Furnished Excavation = 393 CU YD (1,488-1,095)
 *(Crossover excavation not available until construction completion.)

EROSION CONTROL SCHEDULE

LOCATION			20101000	20101100	28000250	28000315	28000400	28000510	28001100
			TEMPORARY FENCE	TREE TRUNK PROTECTION	TEMPORARY EROSION CONTROL SEEDING	AGGREGATE DITCH CHECKS	PERIMETER EROSION BARRIER	INLET FILTERS	TEMPORARY EROSION CONTROL BLANKET
ROAD	START STA	END STA	(FOOT)	(EACH)	(POUND)	(TON)	(FOOT)	(EACH)	(SQ YD)
NB IL 171	0+00.00	23+00.00	---	15	40	44	265	1	818
NB IL 171	23+00.00	40+00.00	430	---	87	---	540	4	1678
NB IL 171	40+00.00	55+00.00	---	---	49	---	285	1	973
NB IL 171	55+00.00	110+00.00	485	---	140	---	565	4	1672
RAMP C	31+00.00	35+50.00	---	---	18	---	418	---	880
RAMP J	115+00.00	126+50.00	---	---	13	---	222	---	642
TOTAL			915	15	348	44	2296	10	6663

LANDSCAPING SCHEDULE

LOCATION			21101505	21101625	25000314	25000400	25000600	25000750	25100630	X2501800
			TOPSOIL EXCAVATION AND PLACEMENT	TOPSOIL FURNISH AND PLACE, 6"	SEEDING CLASS, 4B	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MOWING	EROSION CONTROL BLANKET	SEEDING, CLASS 4 (MODIFIED)
ROAD	START STA	END STA	(CU YD)	(SQ YD)	(ACRE)	(POUND)	(POUND)	(ACRE)	(SQ YD)	(ACRE)
NB IL 171	00+00.00	23+00.00	71	3571	---	77	77	2.56	4136	0.85
NB IL 171	23+00.00	40+00.00	227	---	---	25	25	0.84	1362	0.28
NB IL 171	40+00.00	55+00.00	349	---	0.50	39	39	1.30	2094	0.14
NB IL 171	55+00.00	110+00.00	175	4471	---	103	103	3.42	5519	1.14
RAMP C	31+00.00	35+50.00	75	---	---	8	8	0.28	449	0.09
RAMP J	115+00.00	126+50.00	72	---	---	8	8	0.27	430	0.09
TOTAL			969	8041	0.50	260	260	9.00	13989	3.00

UNDERDRAIN SCHEDULE

LOCATION		60100060	60107800	60108200
		CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDERDRAINS 6"	PIPE UNDERDRAINS 6" (SPECIAL)
ROAD	STRUCTURE/STATION	EACH	FOOT	FOOT
RAMP C	STA 31+18 TO STA 34+46	1	328	20

PAVEMENT SCHEDULE

LOCATION			30300112	31200500	35400500	35501332	40600275	40603085	40603240	40603340	40603595	42000500	42001420	48101620	48203029	48203048
ROAD	START STA	END STA	AGGREGATE SUBGRADE IMPROVEMENT 12"	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	HOT-MIX ASPHALT BASE COURSE, 12"	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	PORTLAND CEMENT CONCRETE PAVEMENT 10"	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	AGGREGATE SHOULDERS, TYPE B 10"	HOT-MIX ASPHALT SHOULDERS, 8"	HOT-MIX ASPHALT SHOULDERS, 12 3/4"
			(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(POUND)	(TON)	(TON)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
NB IL 171	00+17.40	21+68.47	841	---	---	---	3007	92	256	72	155	---	58	798	683	---
NB IL 171	21+68.47	23+92.41	---	---	---	---	---	---	---	---	---	---	---	---	---	---
NB IL 171	23+92.41	27+34.75	---	---	---	---	1419	47	186	36	118	---	111	220	---	---
NB IL 171	27+34.75	35+98.19	---	---	---	---	---	---	---	---	---	---	---	---	---	---
NB IL 171	35+98.19	38+94.58	---	---	---	---	993	43	107	33	75	---	45	175	---	---
NB IL 171	38+94.58	44+11.30	---	---	---	---	---	---	---	---	---	---	---	---	---	---
NB IL 171	44+11.30	47+78.21	---	---	---	---	1562	74	152	57	113	---	45	403	---	---
NB IL 171	47+78.21	67+04.73	---	---	---	---	---	---	---	---	---	---	---	---	---	---
NB IL 171	67+04.73	75+70.00	1541	819	112	---	1993	39	100	30	77	676	60	450	681	---
NB IL 171	75+70.00	80+61.00	---	---	---	---	---	---	---	---	---	---	---	---	---	---
NB IL 171	80+61.00	103+65.00	2286	---	---	---	2754	---	---	---	---	---	---	201	2040	---
NB IL 171	105+97.00	115+00.00	---	---	---	---	---	---	---	---	---	---	---	0	---	---
RAMP D	22+93.84	33+68.65	---	---	---	---	914	54	74	42	57	---	---	197	---	---
RAMP C	31+18.25	34+29.85	888	---	---	532	1210	14	19	11	75	---	---	458	306	---
RAMP A	42+49.36	45+50.00	---	---	---	---	384	22	31	17	24	---	---	111	---	---
RAMP E	197+47.34	200+00.00	---	---	---	---	72	---	---	---	---	---	---	17	---	40
RAMP J	115+22.06	120+38.15	---	---	---	---	828	42	74	33	57	---	---	442	---	---
TOTAL			5556	819	112	532	15135	427	999	332	753	676	318	3472	3712	40

GUARDRAIL SCHEDULE

LOCATION		63000001	63100045	63100070	63100085	63100089	631000167	63100169	63200310	63300575	6330200	63302720	64300450	78200410	7820100
STRUCTURE NUMBER or ALIGNMENT NAME	QUADRANT or LT/RT	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 5	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 6B	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	GUARDRAIL REMOVAL	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 2	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6B	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKER - DIRECT APPLIED
		(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
SN 016-0489	SE	1225.0	---	---	1	---	1	---	1327	---	---	---	---	16	1
	SW	100.0	---	---	1	---	---	1	281	---	---	---	---	4	1
	NE	312.5	---	---	1	1	---	---	---	---	---	---	---	4	---
	NW	---	---	---	---	---	---	---	400	---	---	---	---	4	---
RAMP D	LT	---	---	---	---	---	---	---	---	---	---	1	---	---	
SN 016-2408	SE	---	---	---	---	---	---	---	405	---	---	---	---	4	---
	SW	100.0	1	---	---	1	---	---	115	---	---	---	---	4	---
SN 016-0487	SE	104.0	1	---	1	---	---	---	116	---	---	---	---	4	---
	SW	299.0	---	---	2	---	---	---	---	---	---	---	---	4	---
	NE	37.5	1	---	1	---	---	---	---	---	---	---	---	4	---
	NW	---	---	---	1	---	---	---	---	---	---	---	---	4	---
RAMP C	LT	400.0	1	---	---	1	---	227	---	---	---	---	8	1	
SN 016-1511	SE	150.0	---	---	---	---	1	---	215	---	---	---	---	4	1
	SW	255.0	---	---	---	---	---	---	180	---	---	---	---	4	---
	NE	112.5	---	---	---	---	---	---	105	---	---	---	---	4	---
SN 016-0985	SE	212.5	---	---	1	---	---	---	341	---	---	---	---	4	---
	SW	75.0	---	---	1	---	---	---	265	---	---	---	---	4	---
SN 016-2454	NE	750.0	1	---	1	---	---	---	846	---	---	---	---	8	---
	NW	75.0	---	---	1	---	---	---	193	---	---	---	---	4	---
SN 016-1006	SE	625.0	---	---	1	---	---	1	718	---	---	---	---	7	1
NB IL 171	LT	75.0	1	---	---	---	---	1	214	37.5	---	---	---	4	1
NB IL 171	RT	75.0	1	---	---	---	---	1	---	100.0	---	---	---	4	1
SB IL 171	LT	75.0	1	---	---	---	---	1	---	---	---	---	---	4	1
RAMP E	LT	---	---	---	---	---	---	---	---	12.5	1	---	---	---	---
RAMP E	RT	12.5	---	1	---	---	---	---	26	100.0	---	1	---	---	---
TOTAL		5070.5	8	1	13	2	2	6	5974	250.0	1	1	1	111	8

THERMOPLASTIC PAVEMENT MARKING SCHEDULE

LOCATION			78000100	78000200					78000400			78000500		78000600		78000650
			THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"					THERMOPLASTIC PAVEMENT MARKING - LINE 6"			THERMOPLASTIC PAVEMENT MARKING - LINE 8"		THERMOPLASTIC PAVEMENT MARKING - LINE 12"		THERMOPLASTIC PAVEMENT MARKING - LINE 24"
			ONLY & ARROW	YELLOW SOLID	WHITE SOLID	DOUBLE YELLOW	WHITE 30' SKIP 10' DASH	WHITE 6' SKIP 2' DASH	WHITE SOLID	WHITE 6' SKIP 2' DASH	WHITE 9' SKIP 3' DASH	WHITE SOLID	WHITE 9' SKIP 3' DASH	WHITE SOLID	YELLOW SOLID	WHITE SOLID
ROAD	START STA	END STA	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	
ARCHER AV	79+91.64	83+50.17	73	---	---	285	160	---	399	32	---	---	---	66		
NB IL 171	00+17.40	21+58.47	182	1150	584	242	690	---	173	78	---	102	165	400	34	91
NB IL 171	24+02.41	27+34.75	---	332	353	---	80	---	---	---	---	205	---	175	---	---
NB IL 171	36+08.19	38+94.58	---	286	67	---	70	---	---	---	---	245	18	29	---	---
NB IL 171	44+11.30	47+78.21	---	367	365	---	90	---	---	---	---	17	---	64	---	---
NB IL 171	67+14.73	76+28.00	---	903	888	---	290	8	---	---	---	113	147	207	---	---
NB IL 171	80+61.00	103+65.00	---	2295	1603	---	580	62	---	---	---	437	---	657	---	---
NB IL 171	105+97.00	110+44.90	---	450	451	---	110	---	---	---	---	---	---	119	---	---
SB IL 171	06+68.48	21+73.54	218	1084	1207	234	380	---	437	38	279	140	---	260	90	64
SB IL 171	24+17.51	27+50.19	---	333	333	---	170	---	---	---	90	---	---	54	---	---
SB IL 171	36+65.78	39+06.08	---	240	---	---	60	---	---	---	---	239	---	---	---	---
SB IL 171	44+22.78	47+78.21	---	355	209	---	90	---	---	---	---	146	---	101	---	---
SB IL 171	67+33.00	76+28.00	---	906	914	---	220	---	---	---	---	168	---	243	---	---
SB IL 171	80+88.00	103+62.00	---	2282	1183	---	570	164	---	---	---	2016	---	780	---	---
SB IL 171	106+00.00	119+67.01	---	1364	593	---	340	---	---	---	---	132	---	247	---	---
RAMP D	22+93.84	33+68.65	---	123	119	---	---	---	---	---	---	395	---	---	---	---
RAMP F	29+30.00	37+81.93	---	56	55	---	---	---	---	---	---	---	---	---	---	---
RAMP C	31+18.25	34+29.85	---	204	195	---	---	---	---	---	---	184	---	---	---	---
RAMP A	42+49.36	45+50.00	---	128	122	---	---	---	---	---	---	15	---	---	---	---
RAMP G	22+65.20	24+44.52	---	87	84	---	---	---	---	---	---	288	---	---	---	---
RAMP E	197+47.34	200+00.00	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RAMP B	52+58.30	60+77.58	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RAMP J	115+22.06	120+38.15	25	182	181	---	---	---	---	---	---	254	---	---	---	---
RAMP K	16+96.28	24+98.76	---	---	599	---	---	---	---	---	---	309	---	---	---	---
RAMP N	10+00.00	15+50.31	---	---	554	---	---	---	---	---	---	990	---	126	---	---
SUBTOTAL			498	13129	10660	761	3900	294	1008	148	369	6397	330	3462	124	220
TOTAL			498	28744					1525			6727		3586		220

POLYUREA PAVEMENT MARKING SCHEDULE

LOCATION			78008200	78008210				78008230	78008240	78008250
			POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"				POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"
			LANE DROP ARROW	WHITE SOLID	YELLOW SOLID	WHITE 30' SKIP 10' DASH	WHITE 6' SKIP 2' DASH	WHITE 9' SKIP 3' DASH	WHITE SOLID	WHITE SOLID
ROAD	START STA	END STA	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	
ARCHER AV	79+91.64	83+50.17	---	---	---	---	---	---	---	
NB IL 171	00+17.40	21+58.47	---	---	---	---	---	---	---	
NB IL 171	21+58.47	24+02.41	---	250	---	60	---	66	401	59
NB IL 171	27+34.75	36+08.19	---	873	873	220	---	21	---	180
NB IL 171	38+94.58	44+11.30	---	---	---	---	---	---	---	---
NB IL 171	47+78.21	67+14.73	---	1937	1059	670	48	---	589	255
NB IL 171	76+28.00	80+61.00	---	427	420	120	---	---	---	---
NB IL 171	103+65.00	105+97.00	---	233	234	60	---	---	---	45
SB IL 171	21+73.54	24+17.51	---	244	240	120	---	---	---	58
SB IL 171	27+50.19	36+65.78	---	916	914	250	60	---	836	77
SB IL 171	39+06.08	44+22.78	---	517	---	130	116	---	618	---
SB IL 171	47+78.21	67+33.00	42	1955	797	760	44	---	1010	189
SB IL 171	76+28.00	80+88.00	---	467	474	120	---	---	---	---
SB IL 171	103+62.00	106+00.00	---	237	235	60	---	---	---	42
RAMP D	22+93.84	33+68.65	---	664	659	---	---	---	94	---
RAMP F	29+30.00	37+81.93	---	219	213	---	---	---	883	---
RAMP C	31+18.25	34+29.85	---	---	---	---	---	---	---	---
RAMP A	42+49.36	45+50.00	---	---	---	---	---	---	---	---
RAMP G	22+65.20	24+44.52	---	---	---	---	---	---	50	---
RAMP E	197+47.34	200+00.00	---	---	---	---	---	---	422	---
RAMP B	52+58.30	60+77.58	---	573	582	---	---	---	369	---
RAMP J	115+22.06	120+38.15	---	---	---	---	---	---	195	---
RAMP K	16+96.28	24+98.76	---	---	---	---	---	---	36	---
RAMP N	10+00.00	15+50.31	---	---	---	---	---	---	---	---
SUBTOTAL			42	9510	6700	2570	268	87	5502	903
TOTAL			42	19048				87	5502	903

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE

LOCATION			78100100		78100105
			RAISED REFLECTIVE PAVEMENT MARKER		RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)
			CRYSTAL	AMBER	CRYSTAL
ROAD	START STA	END STA	(EACH)	(EACH)	(EACH)
ARCHER AV	79+91.64	83+50.17	24	---	---
NB IL 171	00+17.40	21+58.47	95	7	---
NB IL 171	21+58.47	24+02.41	---	---	18
NB IL 171	24+02.41	27+34.75	19	---	---
NB IL 171	27+34.75	36+08.19	---	---	21
NB IL 171	36+08.19	38+94.58	10	---	---
NB IL 171	38+94.58	44+11.30	---	---	32
NB IL 171	44+11.30	47+78.21	10	---	---
NB IL 171	47+78.21	67+14.73	---	---	66
NB IL 171	67+14.73	76+28.00	36	---	---
NB IL 171	76+28.00	80+61.00	---	---	12
NB IL 171	80+61.00	103+65.00	80	---	---
NB IL 171	103+65.00	105+97.00	---	---	6
NB IL 171	105+97.00	110+44.90	10	---	---
SB IL 171	06+68.48	21+73.54	52	8	---
SB IL 171	21+73.54	24+17.51	---	---	14
SB IL 171	24+17.51	27+50.19	10	---	---
SB IL 171	27+50.19	36+65.78	---	---	24
SB IL 171	36+65.78	39+06.08	6	---	---
SB IL 171	39+06.08	44+22.78	---	---	14
SB IL 171	44+22.78	47+78.21	8	---	---
SB IL 171	47+78.21	67+33.00	---	---	78
SB IL 171	67+33.00	76+28.00	22	---	---
SB IL 171	76+28.00	80+88.00	---	---	12
SB IL 171	80+88.00	103+62.00	58	---	---
SB IL 171	103+62.00	106+00.00	---	---	6
SB IL 171	106+00.00	119+67.01	34	---	---
SUBTOTAL			474	15	303
TOTAL			489		303

NOTE: GORE REFLECTOR MARKER QUANTITIES INCLUDED IN IL 171 VALUES

FILE NAME =	DESIGNED - AG	REVISED -
...\\General\DI60W75-sht-SCH-04.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 8/27/2015	DATE - 6/12/2015	REVISED -

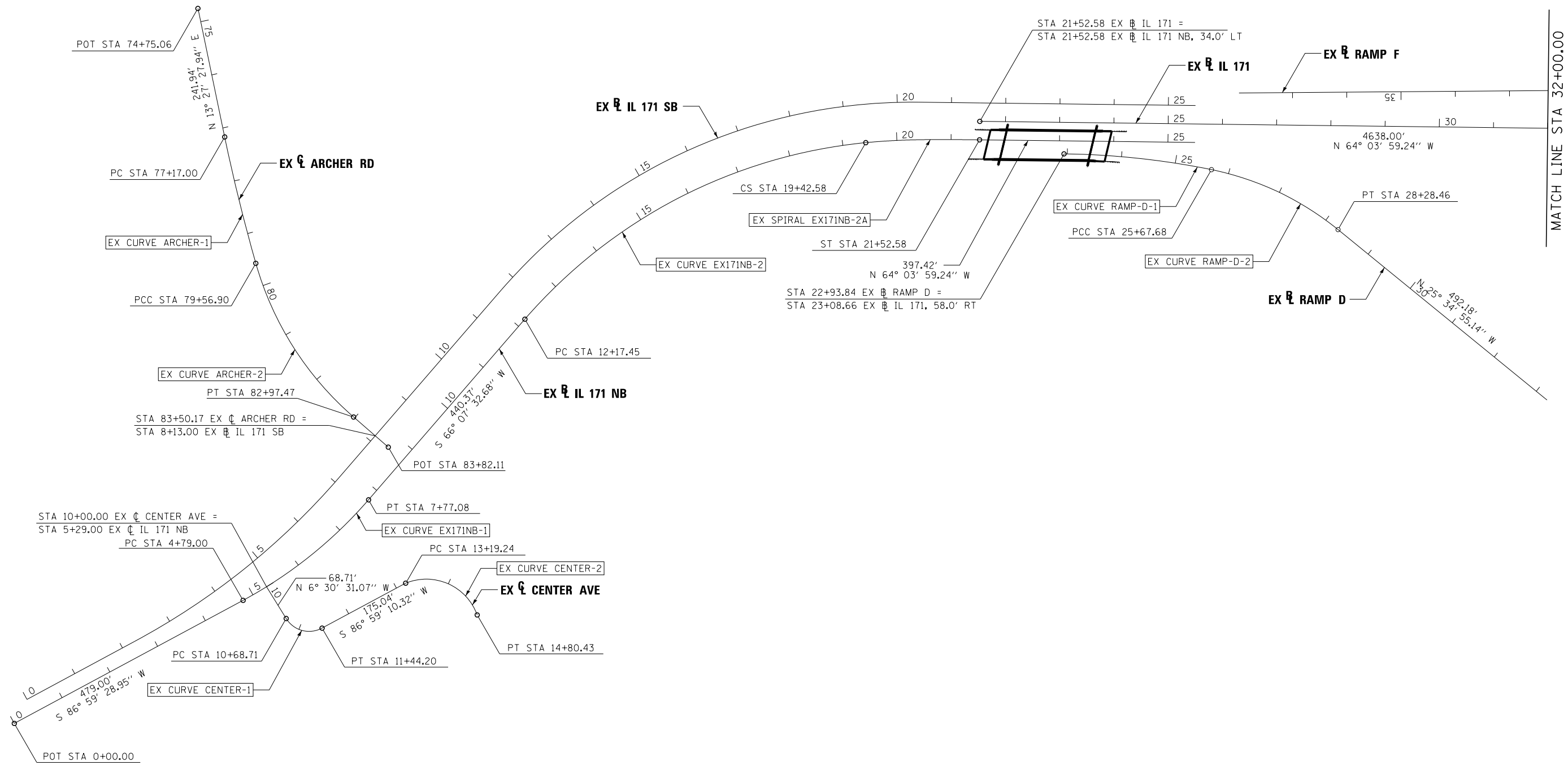


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	32
CONTRACT NO. 60W75				
ILLINOIS FED. AID PROJECT				



FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-sh1-align-04.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

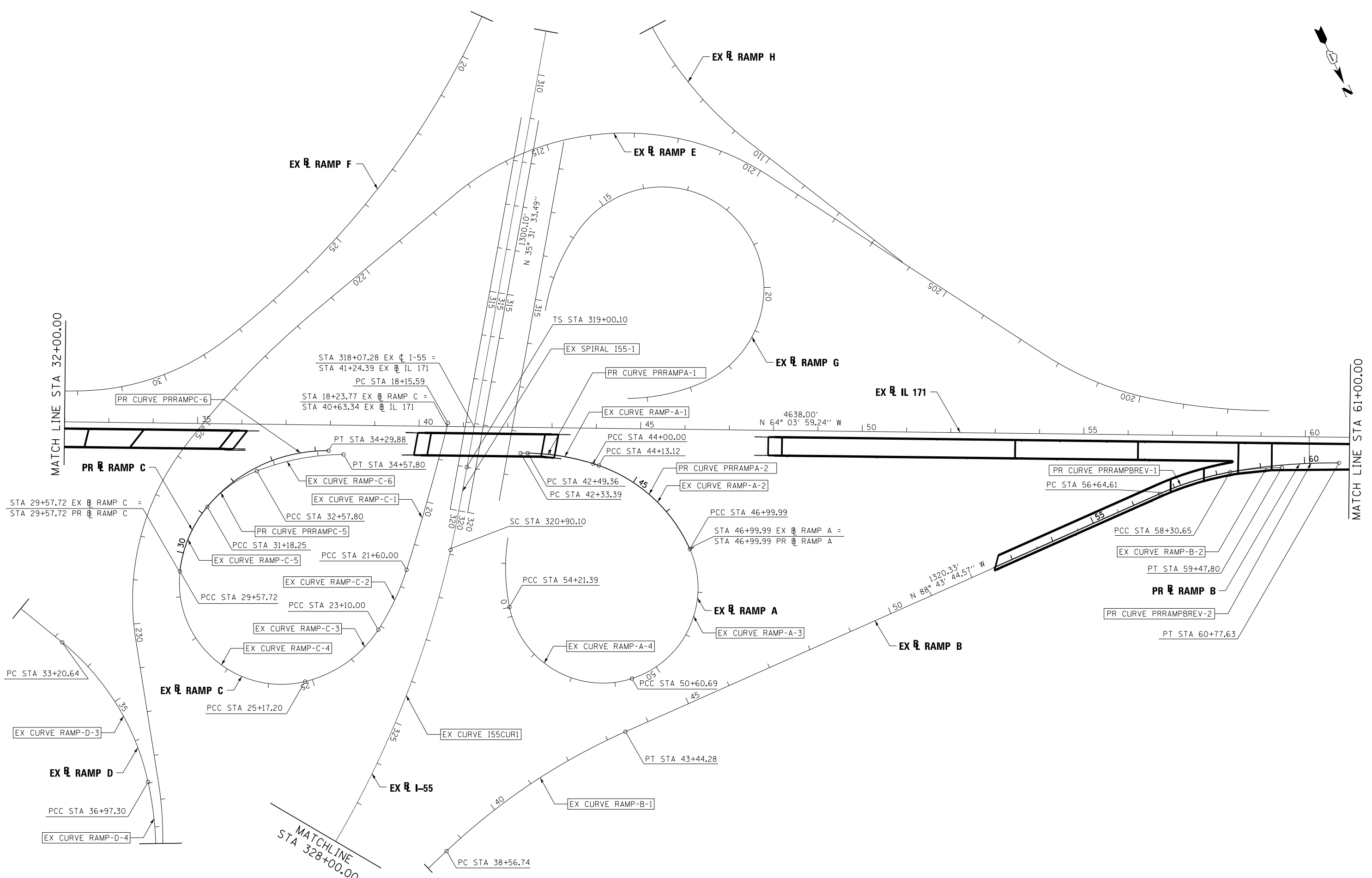


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT PLAN

SCALE: 1"=100' SHEET 1 OF 8 SHEETS STA. 95+00.00 TO STA. 120+65.86

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	33
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-shr-align-03.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

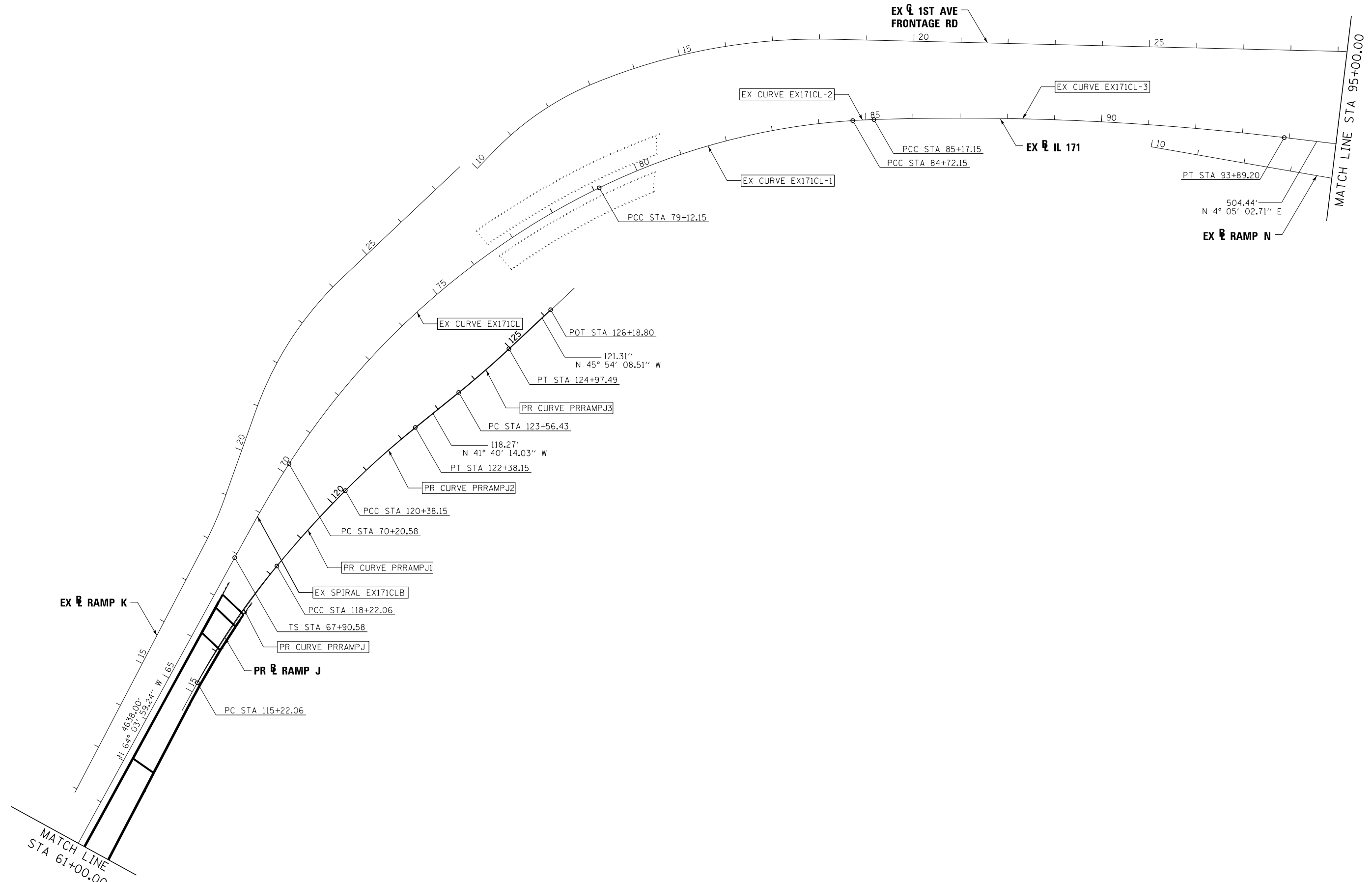
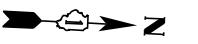


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT PLAN

SCALE: 1"=100' SHEET 2 OF 8 SHEETS STA. 61+00.00 TO STA. 95+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	34
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



FILE NAME =	DESIGNED - AG	REVISED -
... \D160W75-sh1-align-02.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

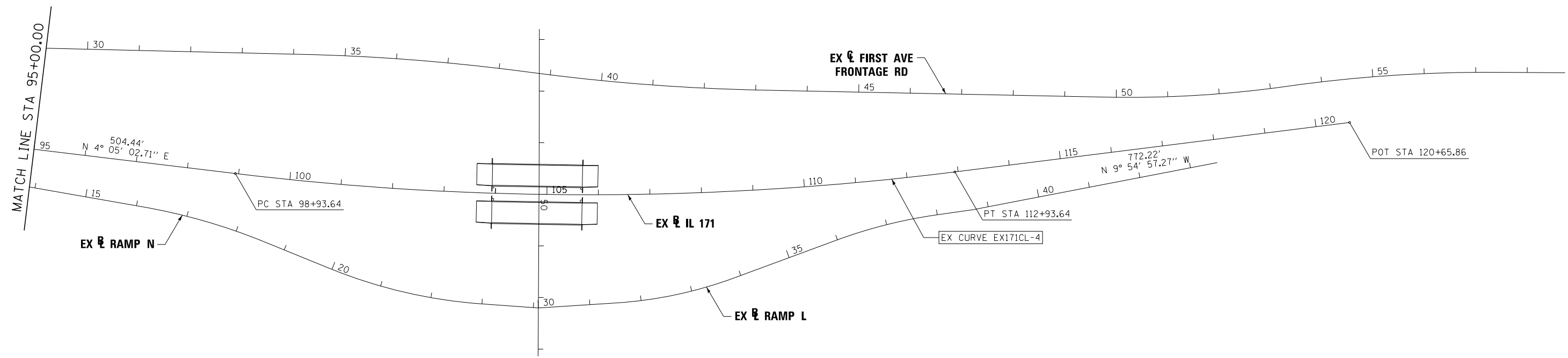
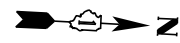


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT PLAN

SCALE: 1"=100' SHEET 3 OF 8 SHEETS STA. 32+00.00 TO STA. 61+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	35
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-shr-align-01.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

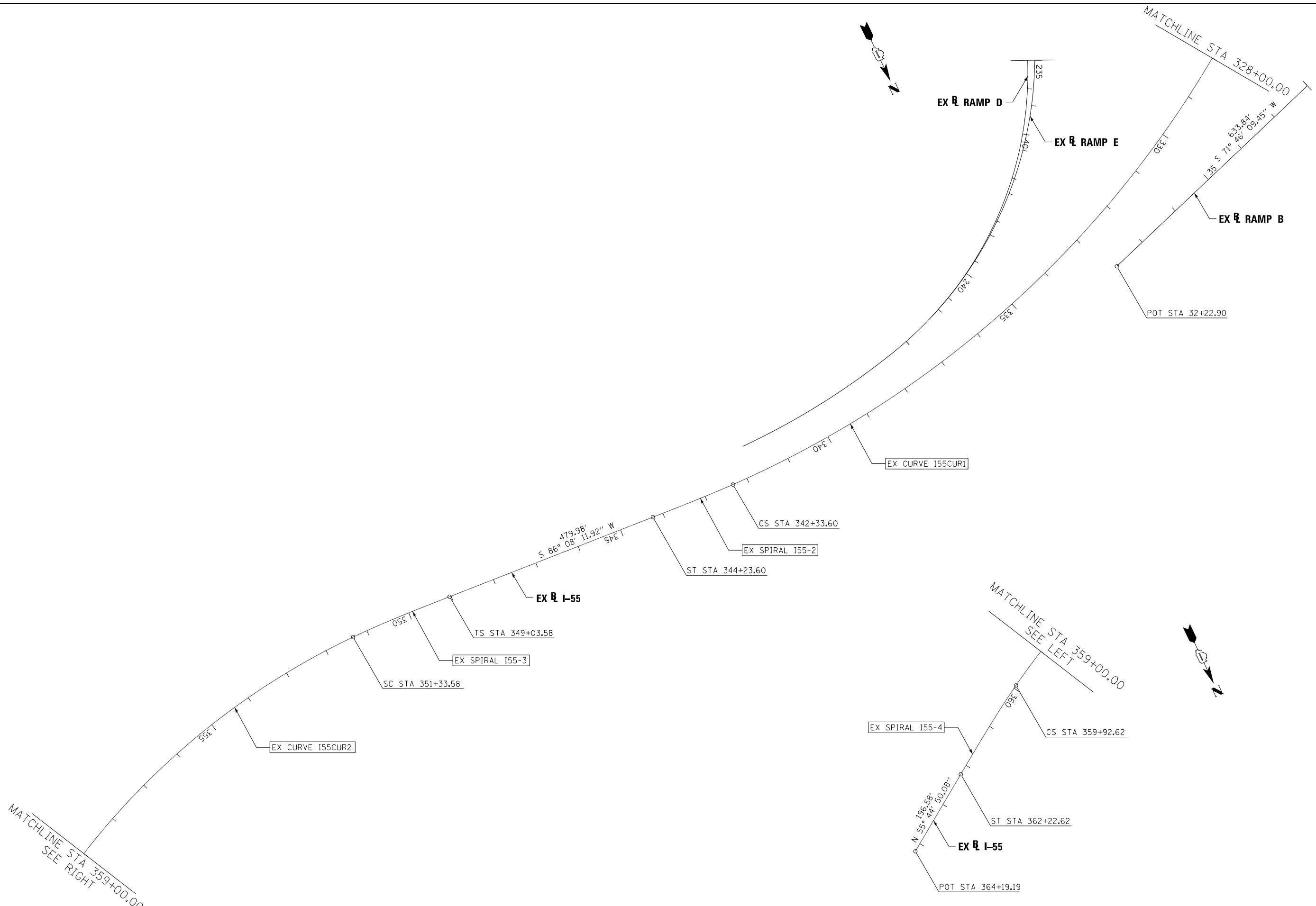


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT PLAN

SCALE: 1"=100' SHEET 4 OF 8 SHEETS STA. 0+00.00 TO STA. 32+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	36
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



FILE NAME =	DESIGNED - AG	REVISED -
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USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

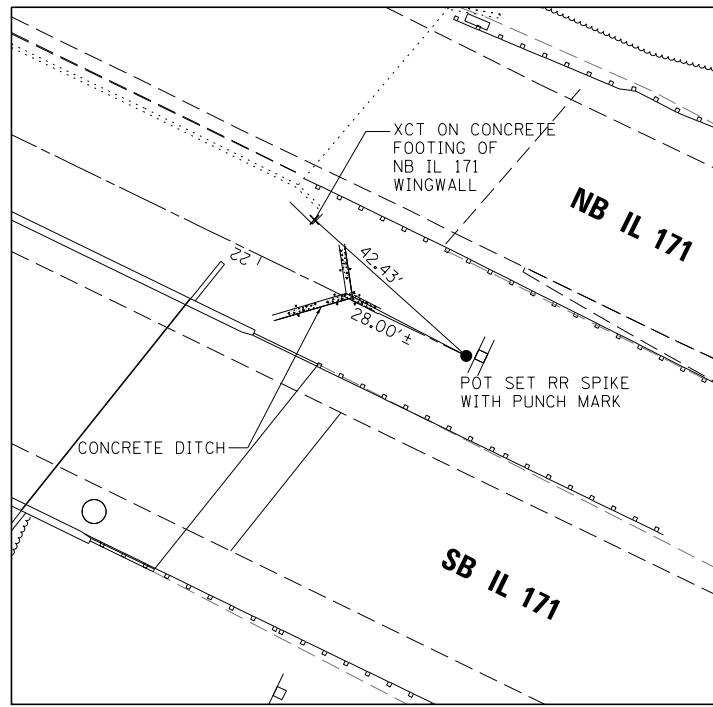


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

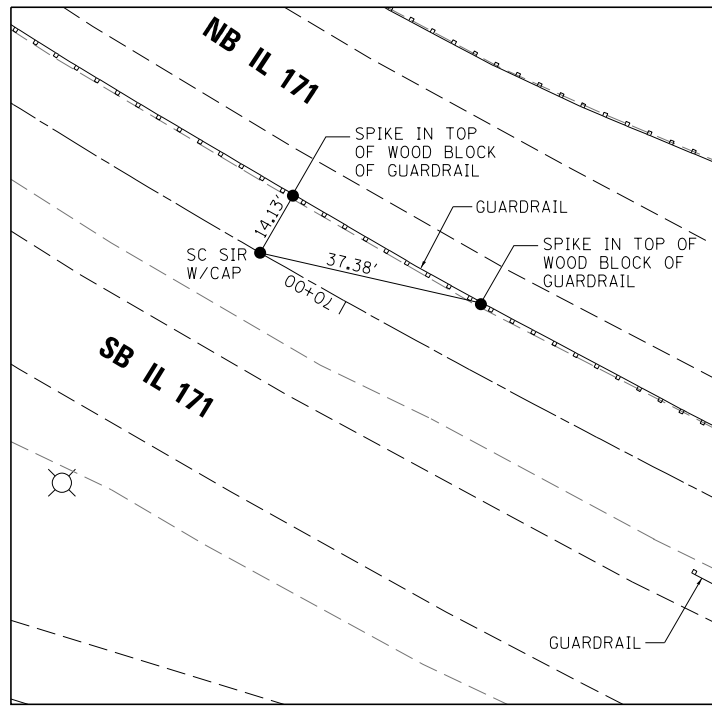
ALIGNMENT PLAN

SCALE: 1"=100' SHEET 5 OF 8 SHEETS STA. 328+00.00 TO STA. 364+19.19

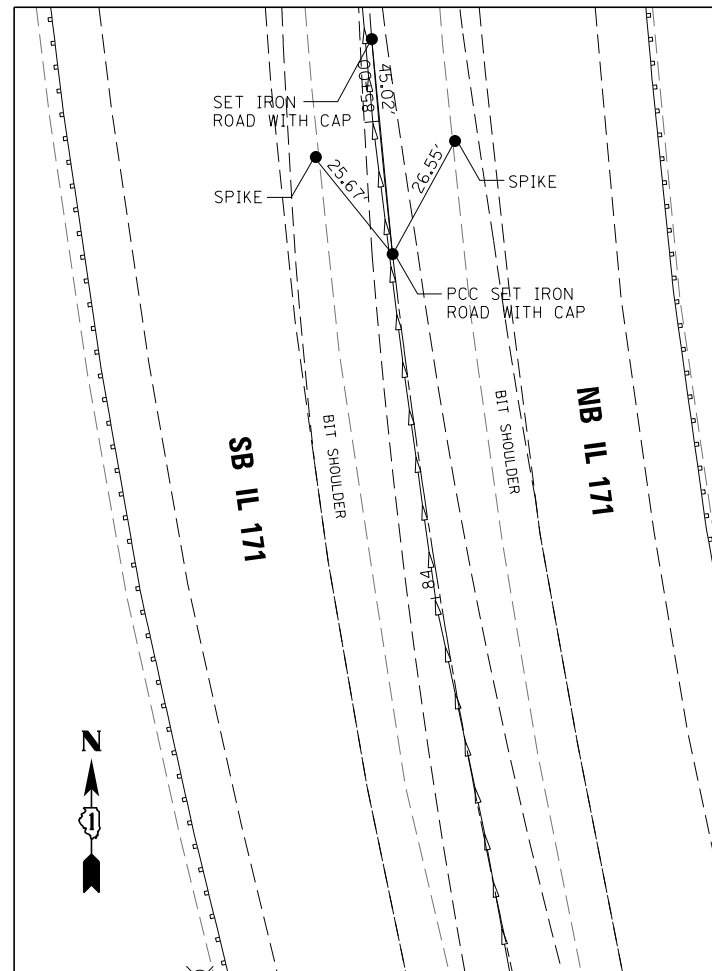
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	37
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



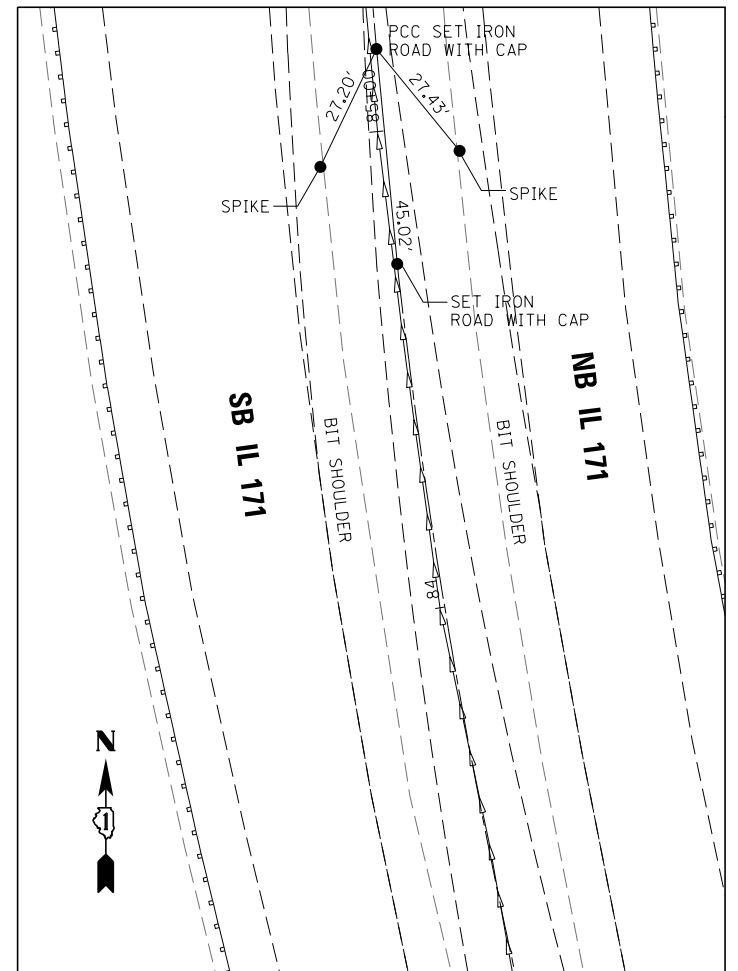
POT STA 21+52.58
 SET RR SPIKE WITH PUNCH MARK
 N 1866909.96, E 1125741.59



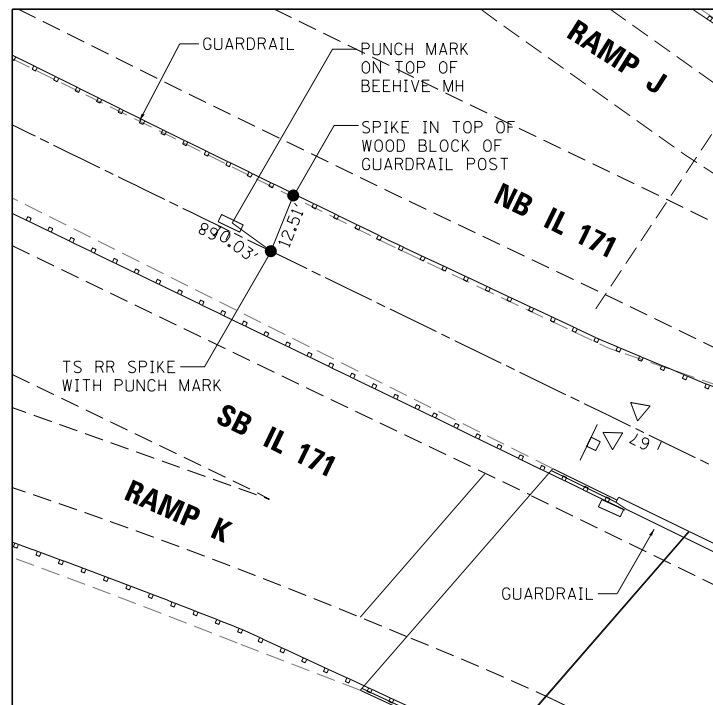
SC STA 70+20.58
 SET SIR W/CAP
 N 1869043.66, E 1121366.25



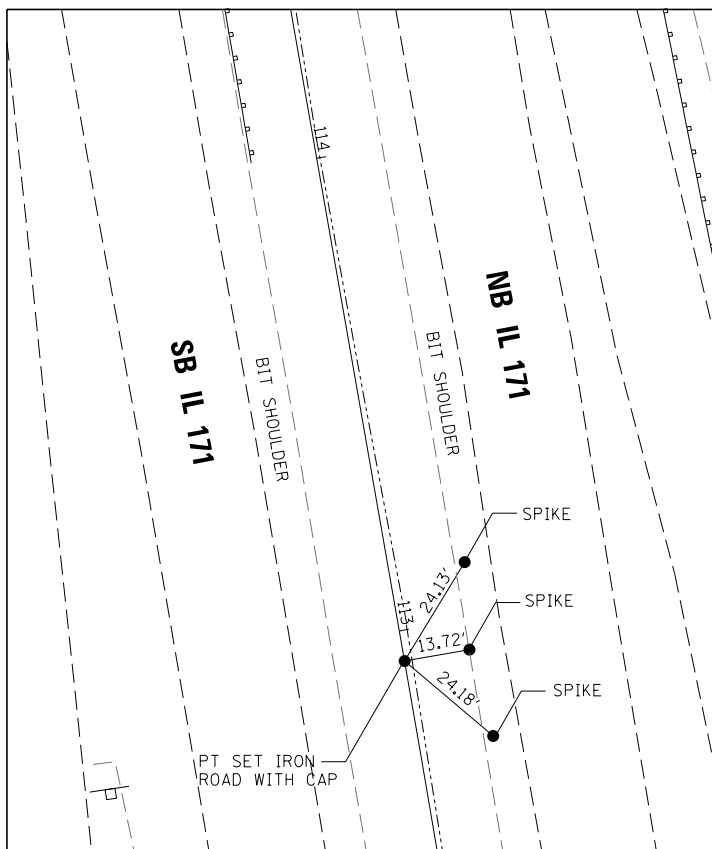
PCC STA 84+72.15
 SET SIR W/CAP
 N 1870202.69, E 1120581.11



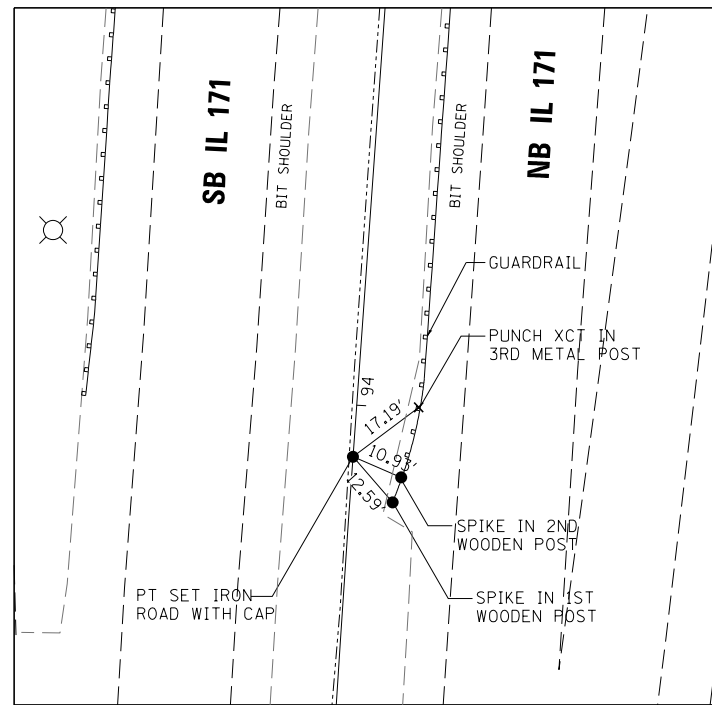
PCC STA 85+17.15
 SET SIR W/CAP
 N 1870247.48, E 1120576.77



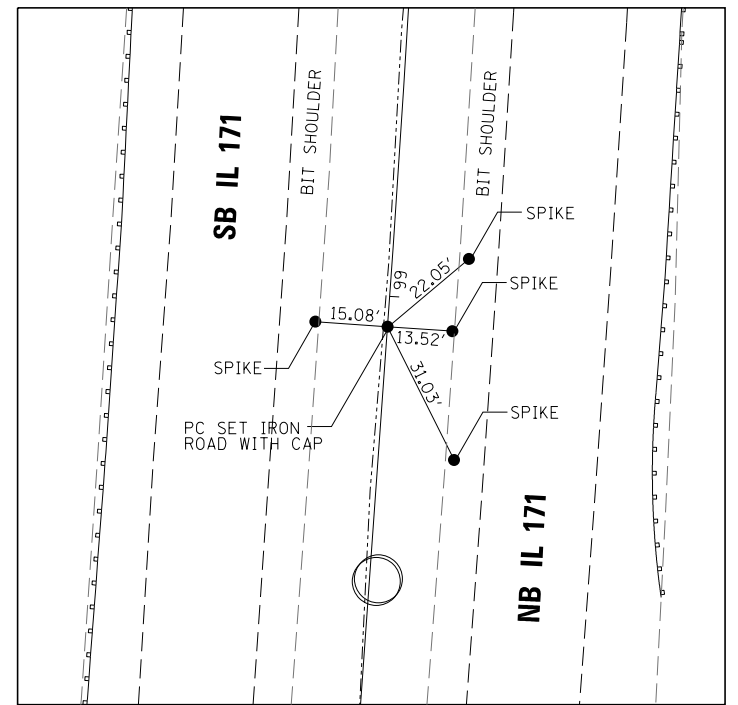
TS STA 67+90.58
 SET RR SPIKE WITH PUNCH MARK
 N 1868938.29, E 1121570.63



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
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 N 1871621.84, E 1120608.50

FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-sht-align-ties-01.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES

SCALE: NTS SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	38
CONTRACT NO. 60W75				
ILLINOIS FED. AID PROJECT				

COORDINATE DATA			
STATION	NORTHING	EASTING	REMARKS
78+37.00	1,866,458.85	1,127,041.22	PI EX CURVE ARCHER-1
77+17.00	1,866,342.14	1,127,013.29	PC EX CURVE ARCHER-1
79+56.90	1,866,577.25	1,127,060.73	PT EX CURVE ARCHER-1
81+32.12	1,866,750.14	1,127,089.22	PI EX CURVE ARCHER-2
79+56.90	1,866,577.25	1,127,060.73	PC EX CURVE ARCHER-2
82+97.47	1,866,910.40	1,127,018.40	PT EX CURVE ARCHER-2
11+15.75	1,867,239.90	1,127,283.86	PI EX CURVE CENTER-1
10+68.71	1,867,193.17	1,127,289.20	PC EX CURVE CENTER-1
11+44.20	1,867,237.43	1,127,236.89	PT EX CURVE CENTER-1
14+23.44	1,867,233.71	1,126,958.04	PI EX CURVE CENTER-2
13+19.24	1,867,228.23	1,127,062.09	PC EX CURVE CENTER-2
14+80.43	1,867,337.45	1,126,967.79	PT EX CURVE CENTER-2
6+29.71	1,867,121.14	1,127,196.30	PI EX CURVE EX171NB-1
4+79.00	1,867,129.05	1,127,346.80	PC EX CURVE EX171NB-1
7+77.08	1,867,060.14	1,127,058.49	PT EX CURVE EX171NB-1
15+98.50	1,866,727.68	1,126,307.35	PI EX CURVE EX171NB-2
12+17.45	1,866,881.91	1,126,655.80	PC EX CURVE EX171NB-2
19+42.58	1,866,855.72	1,125,948.45	CS EX CURVE EX171NB-2/SPIRAL EX171NB-2A
20+12.66	1,866,879.27	1,125,882.44	PI EX SPIRAL EX171NB-2A
21+52.58	1,866,940.53	1,125,756.46	ST EX SPIRAL EX171NB-2A
67+90.58	1,868,938.29	1,121,570.63	TS EX SPIRAL EX171CLB
69+43.95	1,869,005.36	1,121,432.70	PI EX SPIRAL EX171CLB
70+20.58	1,869,043.66	1,121,366.25	SC EX SPIRAL EX171CLB/CURVE EX171CL
74+77.72	1,869,271.95	1,120,970.19	PI 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
105+97.15	1,872,323.56	1,120,658.60	PI EX CURVE EX171CL-4
98+93.64	1,871,621.84	1,120,608.50	PC EX CURVE EX171CL-4
112+93.64	1,873,016.55	1,120,537.46	PT EX CURVE EX171CL-4
319+00.10	1,867,847.83	1,124,022.28	TS EX SPIRAL I55-1
320+26.78	1,867,950.93	1,124,095.89	PI EX SPIRAL I55-1
320+90.10	1,868,000.91	1,124,134.80	SC EX SPIRAL I55-1/CURVE I55CUR1
332+47.47	1,868,914.16	1,124,845.77	PI EX CURVE I55CUR1
342+33.60	1,868,884.10	1,126,002.76	PCC EX CURVE I55CUR1/SPIRAL I55-2
342+96.94	1,868,882.45	1,126,066.08	PI EX SPIRAL I55-2
344+23.60	1,868,873.92	1,126,192.47	ST EX SPIRAL I55-2
349+03.58	1,868,841.58	1,126,671.36	TS EX SPIRAL I55-3
350+56.95	1,868,831.24	1,126,824.38	PI EX SPIRAL I55-3
351+33.58	1,868,831.46	1,126,901.09	SC EX SPIRAL I55-3/CURVE I55CUR2
355+73.23	1,868,832.70	1,127,340.74	PI EX CURVE I55CUR2
359+92.62	1,869,054.04	1,127,720.61	PCC EX CURVE I55CUR2/SPIRAL I55-4
360+69.32	1,869,092.65	1,127,786.89	PI EX SPIRAL I55-4
362+22.62	1,869,178.98	1,127,913.66	ST EX SPIRAL I55-4

BENCHMARKS:

1. CHISLED SQUARE ON WINGWALL ON NE CORNER OF NB IL 171 BRIDGE WALL OVER SANITARY AND SHIP CANAL EL 625.62
2. CHISLED SQUARE ON NE CORNER OF NB IL 171 BRIDGE WALL OVER BNSF RR EL 640.61
3. CHISLED SQUARE ON SOUTH SIDE PARAPET WALL AT PIER 55 (T.B.M #7) EL 617.59
4. SQUARE CUT IN NW CORNER TO TRAFFIC CONTROL BOX NORTH OF JOLIET ROAD 20' +/- EAST OF THE IL 171 BRIDGE EL 611.99

COORDINATE DATA			
STATION	NORTHING	EASTING	REMARKS
24+31.17	1,867,090.43	1,125,503.09	PI EX CURVE RAMP-D-1
22+93.84	1,867,030.37	1,125,626.59	PC EX CURVE RAMP-D-1
25+67.68	1,867,172.60	1,125,393.05	PCC EX CURVE RAMP-D-1/RAMP-D-2
27+00.67	1,867,252.16	1,125,286.50	PI EX CURVE RAMP-D-2
28+28.46	1,867,372.11	1,125,229.08	PT EX CURVE RAMP-D-2
35+16.39	1,867,992.59	1,124,932.03	PI EX CURVE RAMP-D-3
33+20.64	1,867,816.04	1,125,016.55	PC EX CURVE RAMP-D-3
36+97.30	1,868,183.39	1,124,975.77	PCC EX CURVE RAMP-D-3/RAMP-D-4
41+08.97	1,868,584.66	1,125,067.75	PI EX CURVE RAMP-D-4
44+55.37	1,868,736.51	1,125,450.40	PT EX CURVE RAMP-D-4
19+87.85	1,867,872.59	1,124,127.11	PI EX CURVE RAMP-C-1
18+15.59	1,867,739.26	1,124,018.05	PC EX CURVE RAMP-C-1
21+60.00	1,867,999.14	1,124,243.98	PCC EX CURVE RAMP-C-1/RAMP-C-2
22+35.47	1,868,054.58	1,124,295.18	PI EX CURVE RAMP-C-2
23+10.00	1,868,094.19	1,124,359.42	PCC EX CURVE RAMP-C-2/RAMP-C-3
24+18.80	1,868,151.28	1,124,452.04	PI EX CURVE RAMP-C-3
25+17.20	1,868,129.55	1,124,558.64	PCC EX CURVE RAMP-C-3/RAMP-C-4
28+44.09	1,868,063.08	1,124,878.70	PI EX CURVE RAMP-C-4
29+57.72	1,867,784.28	1,124,708.04	PCC EX CURVE RAMP-C-4/RAMP-C-5
31+24.66	1,867,641.89	1,124,620.88	PI EX CURVE RAMP-C-5
32+57.80	1,867,653.52	1,124,454.34	PCC EX CURVE RAMP-C-5/RAMP-C-6
33+58.92	1,867,660.56	1,124,353.47	PI EX CURVE RAMP-C-6
34+57.80	1,867,703.01	1,124,261.70	PT EX CURVE RAMP-C-6
30+40.35	1,867,713.81	1,124,664.90	PI PR CURVE PRRAMPC-5
29+57.72	1,867,784.28	1,124,708.04	PCC PR CURVE PRRAMPC-5
31+18.25	1,867,678.78	1,124,590.07	PCC PR CURVE PRRAMPC-5/PRRAMPC-6
32+85.25	1,867,607.99	1,124,438.82	PI PR CURVE PRRAMPC-6
34+29.88	1,867,681.02	1,124,288.64	PT PR CURVE PRRAMPC-6
43+17.34	1,867,905.96	1,123,823.03	PI EX CURVE RAMP-A-1
42+33.39	1,867,870.72	1,123,899.22	PC EX CURVE RAMP-A-1
44+00.00	1,867,962.34	1,123,760.82	PCC EX CURVE RAMP-A-1/RAMP-A-2
45+59.91	1,868,069.72	1,123,642.33	PI EX CURVE RAMP-A-2
46+99.99	1,868,229.58	1,123,645.94	PCC EX CURVE RAMP-A-2/RAMP-A-3
49+39.29	1,868,468.82	1,123,651.34	PI EX CURVE RAMP-A-3
50+60.69	1,868,437.93	1,123,888.64	PCC EX CURVE RAMP-A-3/RAMP-A-4
52+99.99	1,868,407.04	1,124,125.94	PI EX CURVE RAMP-A-4
54+21.39	1,868,174.39	1,124,069.91	PCC EX CURVE RAMP-A-4/RAMP-A-5
43+31.95	1,867,913.61	1,123,810.35	PI PR CURVE PRRAMPA-1
42+49.36	1,867,877.49	1,123,884.62	PC PR CURVE PRRAMPA-1
44+13.12	1,867,971.33	1,123,751.27	PCC PR CURVE PRRAMPA-1/PRRAMPA-2
45+65.17	1,868,077.58	1,123,642.51	PI PR CURVE PRRAMPA-2
46+99.99	1,868,229.58	1,123,645.94	PCC PR CURVE PRRAMPA-2
41+02.89	1,868,534.57	1,124,199.11	PI EX RAMP-B-1
38+56.74	1,868,611.58	1,124,432.91	PC EX RAMP-B-1
43+44.28	1,868,540.03	1,123,953.02	PT EX RAMP-B-1
58+08.23	1,868,572.50	1,122,489.44	PI EX RAMP-B-2
56+64.61	1,868,569.32	1,122,633.02	PC EX RAMP-B-2
59+47.80	1,868,632.71	1,122,359.05	PT EX RAMP-B-2
57+48.03	1,868,570.35	1,122,549.60	PI PR CURVE PRRAMPBREV-1
56+64.61	1,868,568.50	1,122,633.00	PC PR CURVE PRRAMPBREV-1
58+30.65	1,868,592.00	1,122,469.04	PCC PR CURVE PRRAMPBREV-1/PRRAMPBREV-2
59+54.51	1,868,624.15	1,122,349.42	PI PR CURVE PRRAMPBREV-2
60+77.63	1,868,678.31	1,122,238.02	PT PR CURVE PRRAMPBREV-2
119+30.17	1,869,093.56	1,121,497.52	PI PR CURVE RAMP-J1
118+22.06	1,869,028.48	1,121,583.85	PC PR CURVE RAMP-J1
120+38.15	1,869,165.85	1,121,417.13	PT PR CURVE RAMP-J1
121+38.26	1,869,232.78	1,121,342.69	PI PR CURVE RAMP-J2
120+38.15	1,869,165.85	1,121,417.13	PC PR CURVE RAMP-J2
122+38.15	1,869,307.56	1,121,276.14	PT PR CURVE RAMP-J2
124+26.99	1,869,448.61	1,121,150.59	PI PR CURVE RAMP-J3
123+56.43	1,869,395.90	1,121,197.51	PC PR CURVE RAMP-J3
124+97.49	1,869,497.71	1,121,099.92	PT PR CURVE RAMP-J3

ALIGNMENT DATA

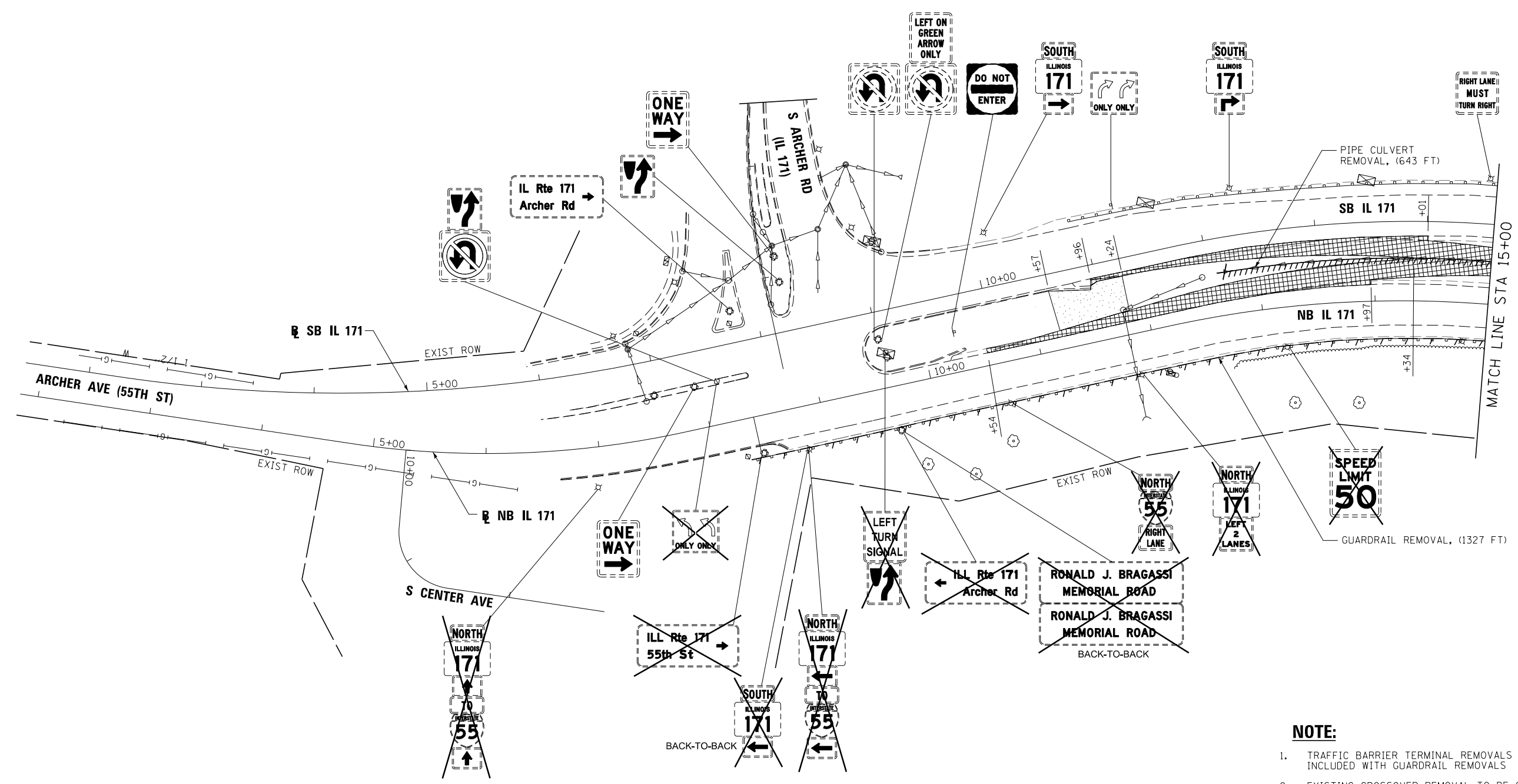
EX CURVE ARCHER-1 PI STA = 78+37.00 Δ = 4° 06' 00" (LT) D = 1° 42' 33" R = 3,352.47' T = 120.00' L = 239.90' E = 2.15' P.C. STA = 77+17.00 P.C.C. STA = 79+56.90	EX CURVE ARCHER-2 PI STA = 81+32.12 Δ = 33° 12' 00" (LT) D = 9° 44' 54" R = 587.76' T = 175.22' L = 340.57' E = 25.56' P.C.C. STA = 79+56.90 P.T. STA = 82+97.47	EX CURVE CENTER-1 PI STA = 11+15.75 Δ = 86° 30' 19" (LT) D = 114° 35' 30" R = 50.00' T = 47.04' L = 75.49' E = 18.65' P.C. STA = 10+68.71 P.T. STA = 11+44.20	EX CURVE CENTER-2 PI STA = 14+23.44 Δ = 92° 21' 18" (RT) D = 57° 17' 45" R = 100.00' T = 104.20' L = 161.19' E = 44.42' P.C. STA = 13+19.24 P.T. STA = 14+80.43	EX SPIRAL EX171CLB PI STA = 69+43.95 Δ _S = 4° 01' 30.02" D _S = 3° 30' 00.02" T ₁ = 153.37' T ₂ = 76.70' R _S = 1,637.02' L _S = 230.00' e = ---- TS STA = 67+90.58 SC STA = 70+20.58	EX CURVE EX171CL PI STA = 74+77.72 Δ = 31° 12' 18" (RT) D = 3° 30' 00" R = 1,637.02' T = 457.14' L = 891.57' E = 62.63' e = 4.8% S.C. STA = 70+20.58 P.C.C. STA = 79+12.15	EX CURVE EX171CL-1 PI STA = 81+95.77 Δ = 22° 24' 00" (RT) D = 4° 00' 00" R = 1,432.39' T = 283.62' L = 560.00' E = 27.81' e = 5.1% P.C.C. STA = 79+12.15 P.C.C. STA = 84+72.15	EX CURVE EX171CL-2 PI STA = 84+94.65 Δ = 1° 48' 00" (RT) D = 4° 00' 00" R = 1,432.39' T = 22.50' L = 45.00' E = 0.18' e = 5.1% P.C.C. STA = 84+72.15 P.C.C. STA = 85+17.15	EX CURVE EX171CL-3 PI STA = 89+54.02 Δ = 8° 43' 14" (RT) D = 1° 00' 00" R = 5,729.58' T = 436.87' L = 872.06' E = 16.63' e = 2.1% P.C.C. STA = 85+17.15 P.T. STA = 93+89.20	EX CURVE EX171CL-4 PI STA = 105+97.15 Δ = 14° 00' 00" (LT) D = 1° 00' 00" R = 5,729.58' T = 703.50' L = 1,400.00' E = 43.03' e = 2% P.C. STA = 98+93.64 P.T. STA = 112+93.64
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EX CURVE EX171NB-1 PI STA = 6+29.71 Δ = 20° 51' 56" (LT) D = 7° 00' 00" R = 818.51' T = 150.71' L = 298.08' E = 13.76' e = ---- P.C. STA = 4+79.00 P.T. STA = 7+77.08	EX CURVE EX171NB-2 PI STA = 15+98.50 Δ = 43° 30' 28" (RT) D = 6° 00' 00" R = 954.93' T = 381.05' L = 725.13' E = 73.22' e = ---- P.C. STA = 12+17.45 C.S. STA = 19+42.58	EX SPIRAL EX171NB-2A PI STA = 20+12.66 Δ = 6° 17' 60" (RT) D = 5° 59' 60" T ₁ = 140.09' T ₂ = 70.08' R _S = 954.93' L _S = 210.00' CS STA = 19+42.58 ST STA = 21+52.58	EXIST. CURVE RAMP-A-1 PI STA = 43+17.34 Δ = 17° 21' 23" (RT) D = 10° 25' 03" R = 550.00' T = 83.95' L = 166.61' E = 6.37' P.C. STA = 42+33.39 P.C.C. STA = 44+00.00	EXIST. CURVE RAMP-A-2 PI STA = 45+59.91 Δ = 49° 06' 33" (RT) D = 16° 22' 13" R = 350.00' T = 159.91' L = 299.99' E = 34.80' P.C.C. STA = 44+00.00 P.C.C. STA = 46+99.99	EXIST. CURVE RAMP-A-3 PI STA = 49+39.29 Δ = 96° 07' 25" (RT) D = 26° 38' 57" R = 215.00' T = 239.30' L = 360.70' E = 106.70' P.C.C. STA = 46+99.99 P.C.C. STA = 50+60.69	EXIST. CURVE RAMP-A-4 PI STA = 52+99.99 Δ = 96° 07' 25" (RT) D = 26° 38' 57" R = 215.00' T = 239.30' L = 360.70' E = 106.70' P.C. STA = 50+60.69 P.T. STA = 54+21.39	EXIST. CURVE RAMP-B-1 PI STA = 41+02.89 Δ = 19° 30' 06" (RT) D = 4° 00' 00" R = 1,432.39' T = 246.15' L = 487.54' E = 21.00' P.C. STA = 38+56.74 P.T. STA = 43+44.28	EXIST. CURVE RAMP-B-2 PI STA = 58+08.23 Δ = 23° 30' 55" (RT) D = 8° 18' 13" R = 690.00' T = 143.62' L = 283.19' E = 14.79' P.C. STA = 56+64.61 P.T. STA = 59+47.80
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EXIST. CURVE RAMP-C-1 PI STA = 19+87.85 Δ = 3° 26' 39" (RT) D = 1° 00' 00" R = 5,729.58' T = 172.26' L = 344.41' E = 2.59' P.C. STA = 18+15.59 P.C.C. STA = 21+60.00	EXIST. CURVE RAMP-C-2 PI STA = 22+35.47 Δ = 15° 37' 34" (RT) D = 10° 25' 03" R = 550.00' T = 75.47' L = 150.00' E = 5.15' P.C.C. STA = 21+60.00 P.C.C. STA = 23+10.00	EXIST. CURVE RAMP-C-3 PI STA = 24+18.80 Δ = 43° 10' 11" (RT) D = 20° 50' 05" R = 275.00' T = 108.80' L = 207.20' E = 20.74' P.C.C. STA = 23+10.00 P.C.C. STA = 25+17.20	EXIST. CURVE RAMP-C-4 PI STA = 28+44.09 Δ = 109° 44' 20" (RT) D = 24° 54' 40" R = 230.00' T = 326.89' L = 440.52' E = 169.69' P.C.C. STA = 25+17.20 P.C.C. STA = 29+57.72	EXIST. CURVE RAMP-C-5 PI STA = 31+24.66 Δ = 62° 31' 16" (RT) D = 20° 50' 05" R = 275.00' T = 166.94' L = 300.08' E = 46.71' P.C.C. STA = 29+57.72 P.C.C. STA = 32+57.80	EXIST. CURVE RAMP-C-6 PI STA = 33+58.92 Δ = 20° 50' 05" (RT) D = 10° 25' 03" R = 550.00' T = 101.12' L = 200.00' E = 9.22' P.C.C. STA = 32+57.80 P.T. STA = 34+57.80	EX CURVE RAMP-D-1 PI STA = 24+31.17 Δ = 10° 48' 56" (RT) D = 3° 56' 58" R = 1,450.69' T = 137.33' L = 273.84' E = 6.49' PC STA = 22+93.84 P.C.C. STA = 25+67.68	EX CURVE RAMP-D-2 PI STA = 27+00.67 Δ = 27° 40' 10" (RT) D = 10° 36' 37" R = 540.00' T = 132.98' L = 260.78' E = 16.13' P.C.C. STA = 25+67.68 P.T. STA = 28+28.46	EXIST. CURVE RAMP-D-3 PI STA = 35+16.39 Δ = 38° 29' 37" (RT) D = 10° 13' 12" R = 560.63' T = 195.75' L = 376.65' E = 33.19' P.C. STA = 33+20.64 P.C.C. STA = 36+97.30	EXIST. CURVE RAMP-D-4 PI STA = 41+08.97 Δ = 55° 26' 32" (RT) D = 7° 18' 49" R = 783.42' T = 411.67' L = 758.08' E = 101.58' P.C.C. STA = 36+97.30 P.T. STA = 44+55.37
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PROP. CURVE PRRAMPA-1 PI STA = 43+31.95 Δ = 18° 23' 52" (RT) D = 11° 14' 04" R = 510.00' T = 82.59' L = 163.76' E = 6.64' P.C. STA = 42+49.36 P.C.C. STA = 44+13.12	PROP. CURVE PRRAMPA-2 PI STA = 45+65.17 Δ = 46° 57' 42" (RT) D = 16° 22' 13" R = 350.00' T = 152.04' L = 286.87' E = 31.60' P.C.C. STA = 44+13.12 P.T. STA = 46+99.99	PROP. CURVE PRRAMPBREV-1 PI STA = 57+48.03 Δ = 13° 46' 16" (RT) D = 8° 17' 38" R = 690.82' T = 83.42' L = 166.04' E = 5.02' P.C. STA = 56+64.61 P.C.C. STA = 58+30.65	PROP. CURVE PRRAMPBREV-2 PI STA = 59+54.51 Δ = 10° 53' 15" (RT) D = 4° 24' 30" R = 1,299.74' T = 123.86' L = 246.98' E = 5.89' P.C.C. STA = 58+30.65 P.T. STA = 60+77.63	PROP. CURVE PRRAMP-5 PI STA = 30+40.35 Δ = 33° 26' 49" (RT) D = 20° 50' 05" R = 275.00' T = 82.63' L = 160.53' E = 12.14' P.C. STA = 29+57.72 P.C.C. STA = 31+18.25	PROP. CURVE PRRAMP-6 PI STA = 32+85.25 Δ = 51° 00' 52" (RT) D = 16° 22' 13" R = 350.00' T = 167.00' L = 311.63' E = 37.80' P.C.C. STA = 31+18.25 P.T. STA = 34+29.88
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PROP. CURVE PRRAMPJ PI STA = 116+72.53 Δ = 11° 05' 22" (RT) D = 3° 41' 47" R = 1,550.00' T = 150.47' L = 300.00' E = 7.29' P.C. STA = 115+22.06 P.C.C. STA = 118+22.06	PROP. CURVE PRRAMPJ1 PI STA = 119+30.17 Δ = 4° 57' 09" (RT) D = 2° 17' 31" R = 2,500.00' T = 108.11' L = 216.09' E = 2.34' P.C.C. STA = 118+22.06 P.C.C. STA = 120+38.15	PROP. CURVE PRRAMPJ2 PI STA = 121+38.26 Δ = 6° 21' 58" (RT) D = 3° 10' 59" R = 1,800.00' T = 100.10' L = 200.00' E = 2.78' P.C.C. STA = 120+38.15 P.T. STA = 122+38.15	PROP. CURVE PRRAMPJ3 PI STA = 124+26.99 Δ = 4° 13' 54" (LT) D = 3° 00' 00" R = 1,909.86' T = 70.56' L = 141.06' E = 1.30' P.C. STA = 123+56.43 P.T. STA = 124+97.49	EX SPIRAL EXI55-1 PI STA = 320+26.78 Δ _S = 2° 22' 30.00" D _S = 2° 30' 00.00" T ₁ = 126.68' T ₂ = 63.34' R _S = 2,291.83' L _S = 190.00' TS STA = 319+00.10 SC STA = 320+90.10	EXIST. CURVE I55CUR1 PI STA = 332+47.47 Δ = 53° 35' 15" (RT) D = 2° 30' 00" R = 2,291.83' T = 1,157.37' L = 2,143.50' E = 275.66' SC STA = 320+90.10 CS STA = 342+33.60	EX SPIRAL EXI55-2 PI STA = 342+96.94 Δ _S = 2° 22' 30.00" D _S = 2° 30' 00.00" T ₁ = 126.68' T ₂ = 63.34' R _S = 2,291.83' L _S = 190.00' CS STA = 342+33.60 ST STA = 344+23.60	EX SPIRAL EXI55-3 PI STA = 350+56.95 Δ _S = 4° 01' 30.02" D _S = 3° 30' 00.02" T ₁ = 153.37' T ₂ = 76.70' R _S = 1,637.02' L _S = 230.00' TS STA = 349+03.58 SC STA = 351+33.58	EXIST. CURVE I55CUR2 PI STA = 355+73.23 Δ = 30° 03' 59" (LT) D = 3° 30' 00" R = 1,637.02' T = 439.65' L = 859.04' E = 58.01' SC STA = 351+33.58 CS STA = 359+92.62	EX SPIRAL EXI55-4 PI STA = 360+69.32 Δ _S = 4° 01' 30.02" D _S = 3° 30' 00.02" T ₁ = 153.37' T ₂ = 76.70' R _S = 1,637.02' L _S = 230.00' CS STA = 359+92.62 ST STA = 362+22.62
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- NOTE:**
1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS
 2. EXISTING CROSSOVER REMOVAL TO BE COMPLETED BY OCT 31, 2016

LEGEND:

- | | | | |
|--|---|--|--|
| | HOT-MIX ASPHALT SURFACE REMOVAL, 4" | | GUARDRAIL REMOVAL |
| | PAVED SHOULDER REMOVAL | | PIPE CULVERT REMOVAL OR PIPE DRAIN REMOVAL |
| | PAVEMENT REMOVAL | | REMOVE IMPACT ATTENUATOR SAND MODULE |
| | APPROACH SLAB REMOVAL | | REMOVING INLETS |
| | MEDIAN CROSSOVER REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION) | | REMOVING MANHOLES |
| | HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT | | REMOVE EXISTING FLARED END SECTION OR DRAINAGE STRUCTURE TO BE REMOVED |
| | | | SIGN TO BE REMOVED |

FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-shd-IL171-rem-NB-01.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

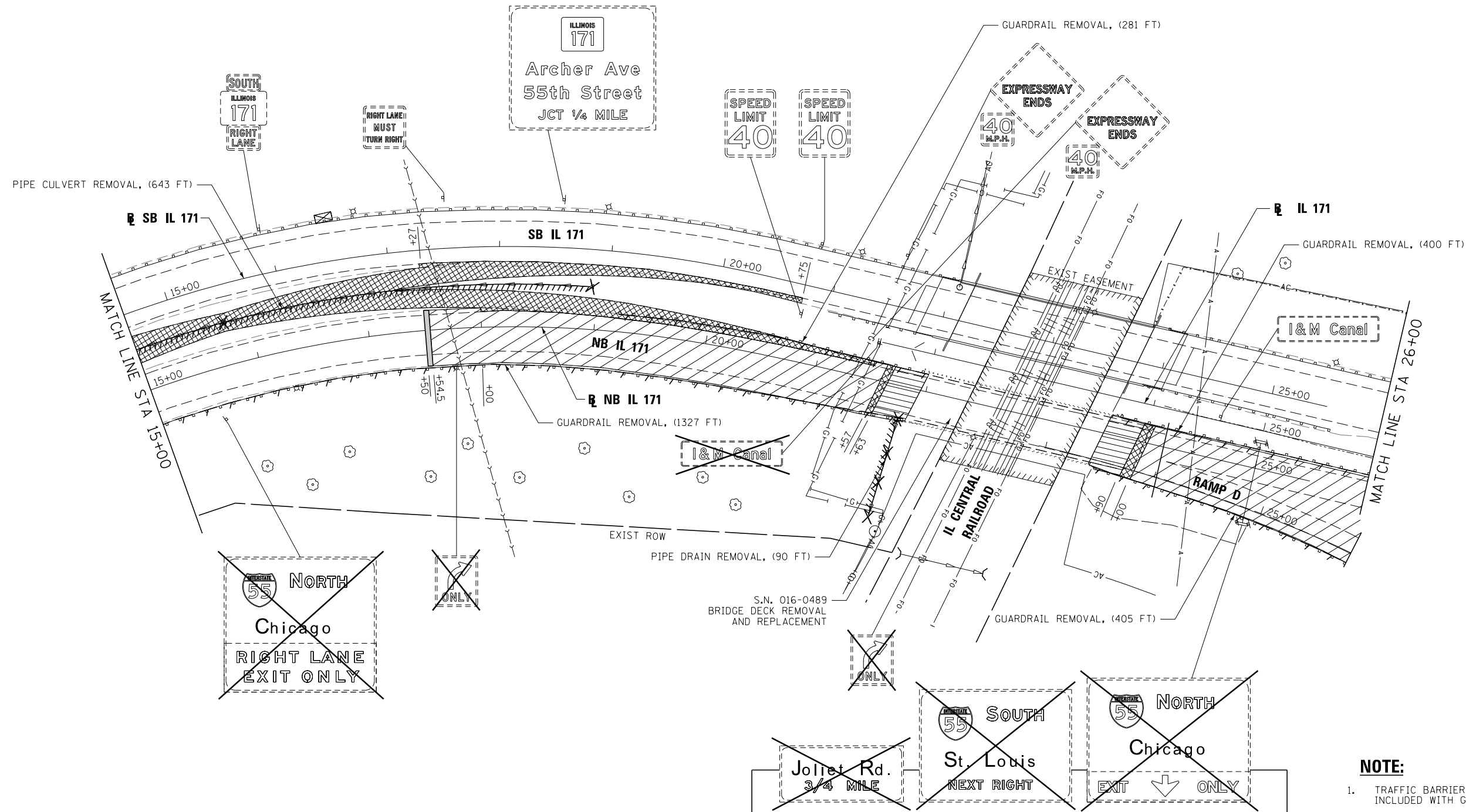


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
IL 171**

SCALE: 1"=50' SHEET 1 OF 9 SHEETS STA. TO STA. 15+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	41
				CONTRACT NO. 60W75
ILLINOIS FED. AID PROJECT				



- NOTE:**
1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS
 2. EXISTING CROSSOVER REMOVAL TO BE COMPLETED BY OCT 31, 2016

LEGEND:

- | | | | |
|--|---|--|--|
| | HOT-MIX ASPHALT SURFACE REMOVAL, 4" | | GUARDRAIL REMOVAL |
| | PAVED SHOULDER REMOVAL | | PIPE CULVERT REMOVAL OR PIPE DRAIN REMOVAL |
| | PAVEMENT REMOVAL | | REMOVE IMPACT ATTENUATOR SAND MODULE |
| | APPROACH SLAB REMOVAL | | REMOVING INLETS |
| | MEDIAN CROSSOVER REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION) | | REMOVING MANHOLES |
| | HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT | | REMOVE EXISTING FLARED END SECTION OR DRAINAGE STRUCTURE TO BE REMOVED |
| | | | SIGN TO BE REMOVED |

FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-sht-IL171-rem-NB-02.dgn	DRAWN - TMB	REVISED -
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PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

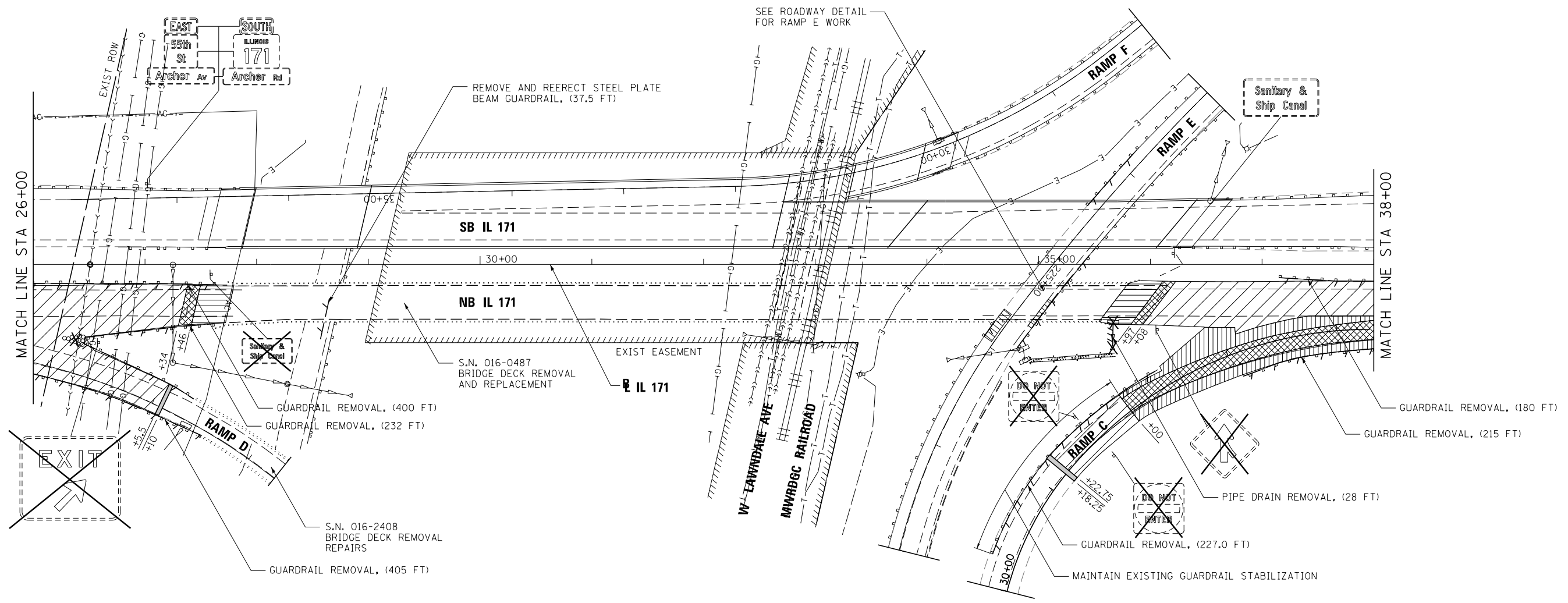


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
IL 171

SCALE: 1"=50' SHEET 2 OF 9 SHEETS STA. 15+00.00 TO STA. 26+00.00

F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	42
				CONTRACT NO. 60W75
ILLINOIS FED. AID PROJECT				



NOTE:

- TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS
- EXISTING CROSSOVER REMOVAL TO BE COMPLETED BY OCT 31, 2016

LEGEND:

	HOT-MIX ASPHALT SURFACE REMOVAL, 4"		GUARDRAIL REMOVAL
	PAVED SHOULDER REMOVAL		PIPE CULVERT REMOVAL OR PIPE DRAIN REMOVAL
	PAVEMENT REMOVAL		REMOVE IMPACT ATTENUATOR SAND MODULE
	APPROACH SLAB REMOVAL		REMOVING INLETS
	MEDIAN CROSSOVER REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION)		REMOVING MANHOLES
	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT		REMOVE EXISTING FLARED END SECTION OR DRAINAGE STRUCTURE TO BE REMOVED
			SIGN TO BE REMOVED

FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-sh1-IL171-rem-NB-03.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

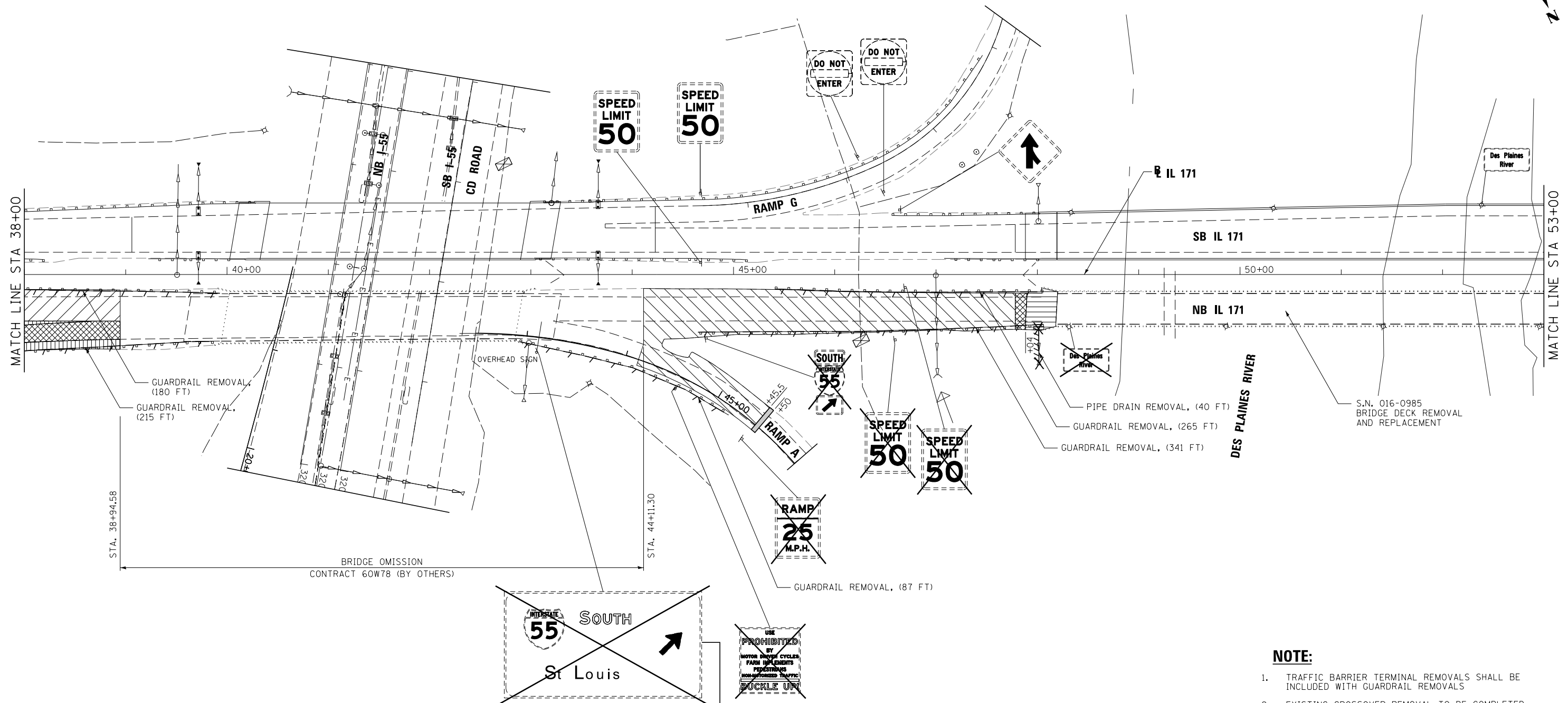


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
IL 171**

SCALE: 1"=50' SHEET 3 OF 9 SHEETS STA. 26+00.00 TO STA. 38+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	43
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



- NOTE:**
1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS
 2. EXISTING CROSSOVER REMOVAL TO BE COMPLETED BY OCT 31, 2016

LEGEND:

	HOT-MIX ASPHALT SURFACE REMOVAL, 4"		GUARDRAIL REMOVAL
	PAVED SHOULDER REMOVAL		PIPE CULVERT REMOVAL OR PIPE DRAIN REMOVAL
	PAVEMENT REMOVAL		REMOVE IMPACT ATTENUATOR SAND MODULE
	APPROACH SLAB REMOVAL		REMOVING INLETS
	MEDIAN CROSSOVER REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION)		REMOVING MANHOLES
	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT		REMOVE EXISTING FLARED END SECTION OR DRAINAGE STRUCTURE TO BE REMOVED
			SIGN TO BE REMOVED

FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-sht-IL171-rem-NB-04.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

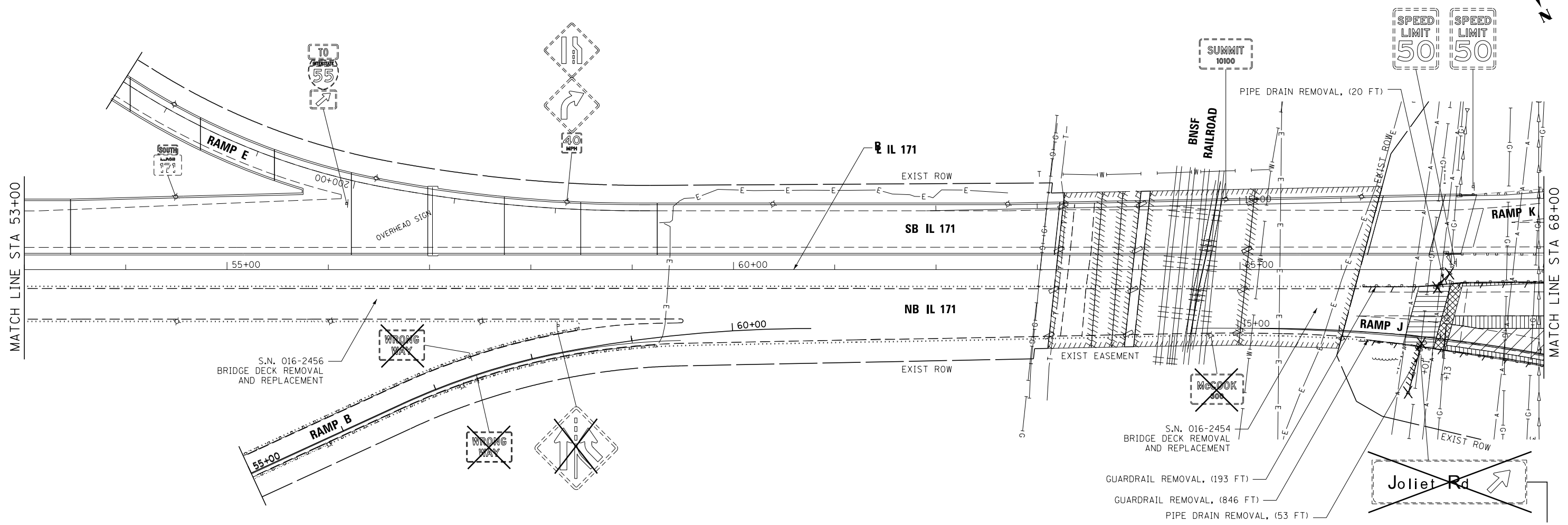


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
IL 171**

SCALE: 1"=50' SHEET 4 OF 9 SHEETS STA. 38+00.00 TO STA. 53+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	44
				CONTRACT NO. 60W75
ILLINOIS FED. AID PROJECT				



- NOTE:**
1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS
 2. EXISTING CROSSOVER REMOVAL TO BE COMPLETED BY OCT 31, 2016

LEGEND:

- | | | | |
|--|---|--|--|
| | HOT-MIX ASPHALT SURFACE REMOVAL, 4" | | GUARDRAIL REMOVAL |
| | PAVED SHOULDER REMOVAL | | PIPE CULVERT REMOVAL OR PIPE DRAIN REMOVAL |
| | PAVEMENT REMOVAL | | REMOVE IMPACT ATTENUATOR SAND MODULE |
| | APPROACH SLAB REMOVAL | | REMOVING INLETS |
| | MEDIAN CROSSOVER REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION) | | REMOVING MANHOLES |
| | HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT | | REMOVE EXISTING FLARED END SECTION OR DRAINAGE STRUCTURE TO BE REMOVED |
| | | | SIGN TO BE REMOVED |

FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-shd-IL171-rem-NB-05.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



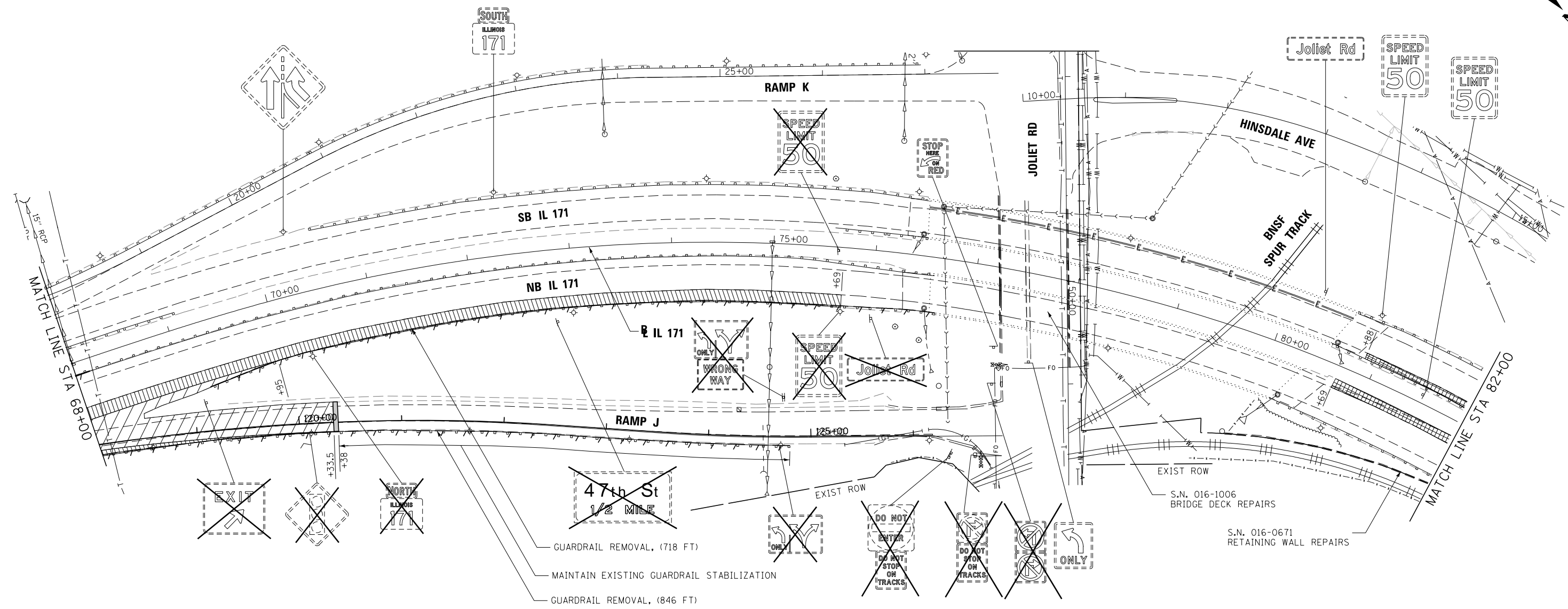
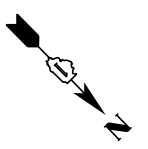
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
IL 171**

SCALE: 1"=50' SHEET 5 OF 9 SHEETS STA. 53+00.00 TO STA. 68+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	45
				CONTRACT NO. 60W75

ILLINOIS FED. AID PROJECT



GUARDRAIL REMOVAL, (718 FT)
 MAINTAIN EXISTING GUARDRAIL STABILIZATION
 GUARDRAIL REMOVAL, (846 FT)

S.N. 016-1006
 BRIDGE DECK REPAIRS

 S.N. 016-0671
 RETAINING WALL REPAIRS

NOTE:

- TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS
- EXISTING CROSSOVER REMOVAL TO BE COMPLETED BY OCT 31, 2016

LEGEND:

- HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- PAVED SHOULDER REMOVAL
- PAVEMENT REMOVAL
- APPROACH SLAB REMOVAL
- MEDIAN CROSSOVER REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION)
- HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT
- GUARDRAIL REMOVAL
- PIPE CULVERT REMOVAL OR PIPE DRAIN REMOVAL
- REMOVE IMPACT ATTENUATOR SAND MODULE
- REMOVING INLETS
- REMOVING MANHOLES
- REMOVE EXISTING FLARED END SECTION OR DRAINAGE STRUCTURE TO BE REMOVED
- SIGN TO BE REMOVED

FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-sht-IL171-rem-NB-06.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

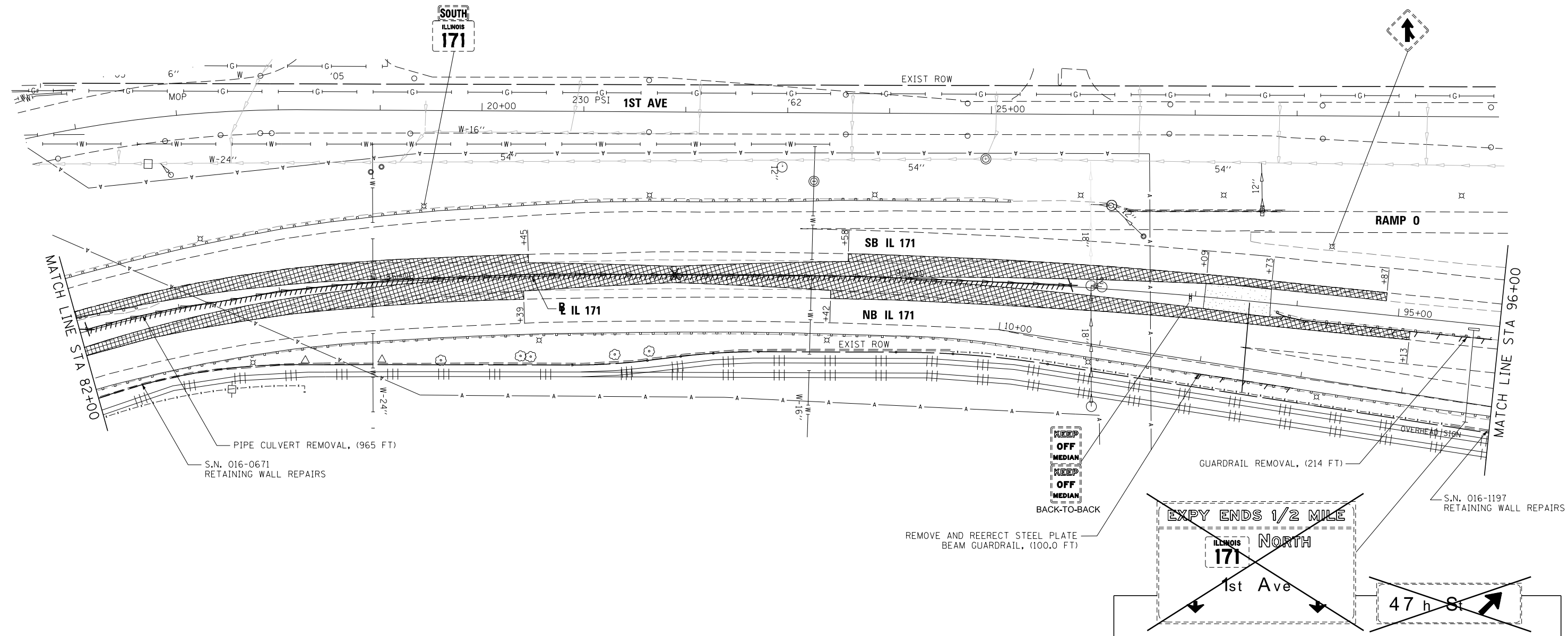
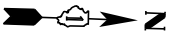


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
IL 171

SCALE: 1"=50' SHEET 6 OF 9 SHEETS STA. 68+00.00 TO STA. 82+00.00

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	46
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



PIPE CULVERT REMOVAL, (965 FT)
S.N. 016-0671
RETAINING WALL REPAIRS

KEEP
OFF
MEDIAN
KEEP
OFF
MEDIAN
BACK-TO-BACK

GUARDRAIL REMOVAL, (214 FT)

S.N. 016-1197
RETAINING WALL REPAIRS

REMOVE AND REERECT STEEL PLATE
BEAM GUARDRAIL, (100.0 FT)

EXPY ENDS 1/2 MILE

ILLINOIS
171
NORTH

1st Ave

47th St

NOTE:

1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS
2. EXISTING CROSSOVER REMOVAL TO BE COMPLETED BY OCT 31, 2016

LEGEND:

- HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- PAVED SHOULDER REMOVAL
- PAVEMENT REMOVAL
- APPROACH SLAB REMOVAL
- MEDIAN CROSSOVER REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION)
- HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT
- GUARDRAIL REMOVAL
- PIPE CULVERT REMOVAL OR PIPE DRAIN REMOVAL
- REMOVE IMPACT ATTENUATOR SAND MODULE
- REMOVING INLETS
- REMOVING MANHOLES
- REMOVE EXISTING FLARED END SECTION OR DRAINAGE STRUCTURE TO BE REMOVED
- SIGN TO BE REMOVED

FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-sht-IL171-rem-NB-07.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

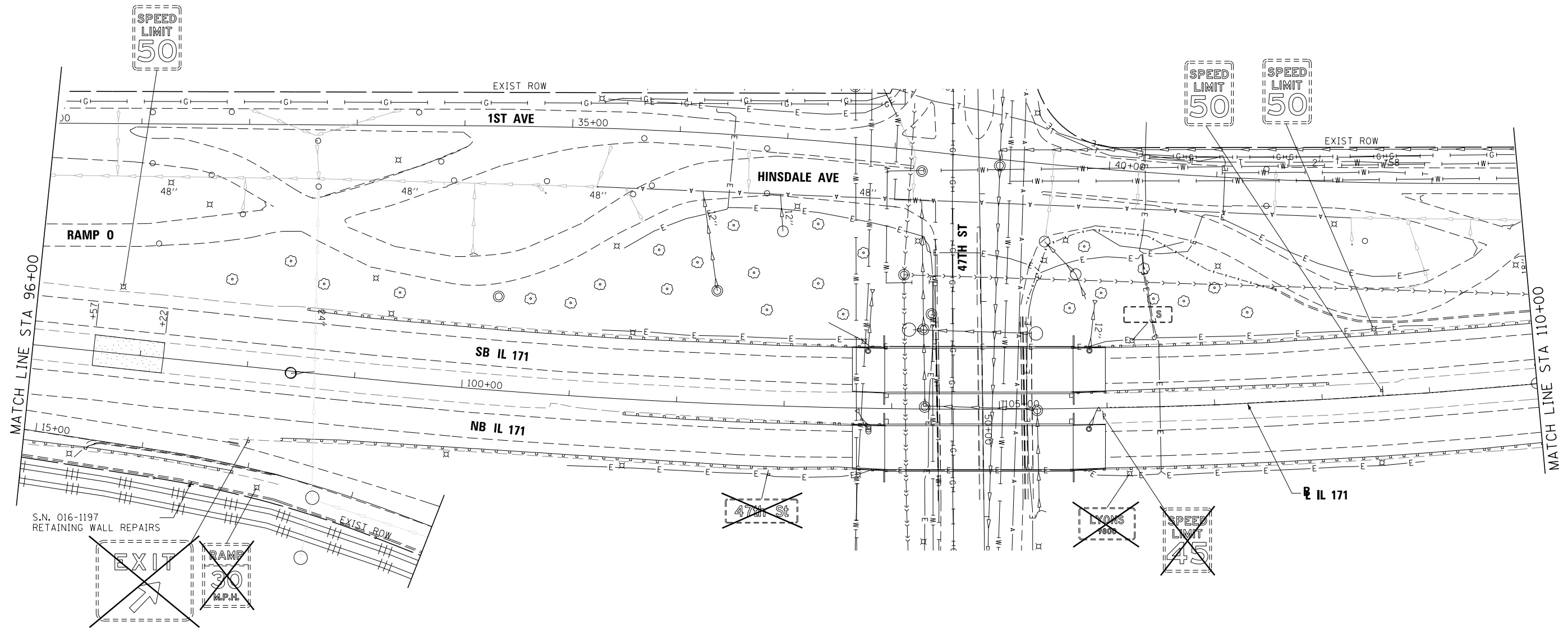
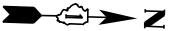


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
IL 171

SCALE: 1"=50' SHEET 7 OF 9 SHEETS STA. 82+00.00 TO STA. 96+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	47
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



NOTE:

1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS
2. EXISTING CROSSOVER REMOVAL TO BE COMPLETED BY OCT 31, 2016

LEGEND:

- | | | | |
|--|---|--|--|
| | HOT-MIX ASPHALT SURFACE REMOVAL, 4" | | GUARDRAIL REMOVAL |
| | PAVED SHOULDER REMOVAL | | PIPE CULVERT REMOVAL OR PIPE DRAIN REMOVAL |
| | PAVEMENT REMOVAL | | REMOVE IMPACT ATTENUATOR SAND MODULE |
| | APPROACH SLAB REMOVAL | | REMOVING INLETS |
| | MEDIAN CROSSOVER REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION) | | REMOVING MANHOLES |
| | HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT | | REMOVE EXISTING FLARED END SECTION OR DRAINAGE STRUCTURE TO BE REMOVED |
| | | | SIGN TO BE REMOVED |

FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-shd-IL171-rem-NB-08.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

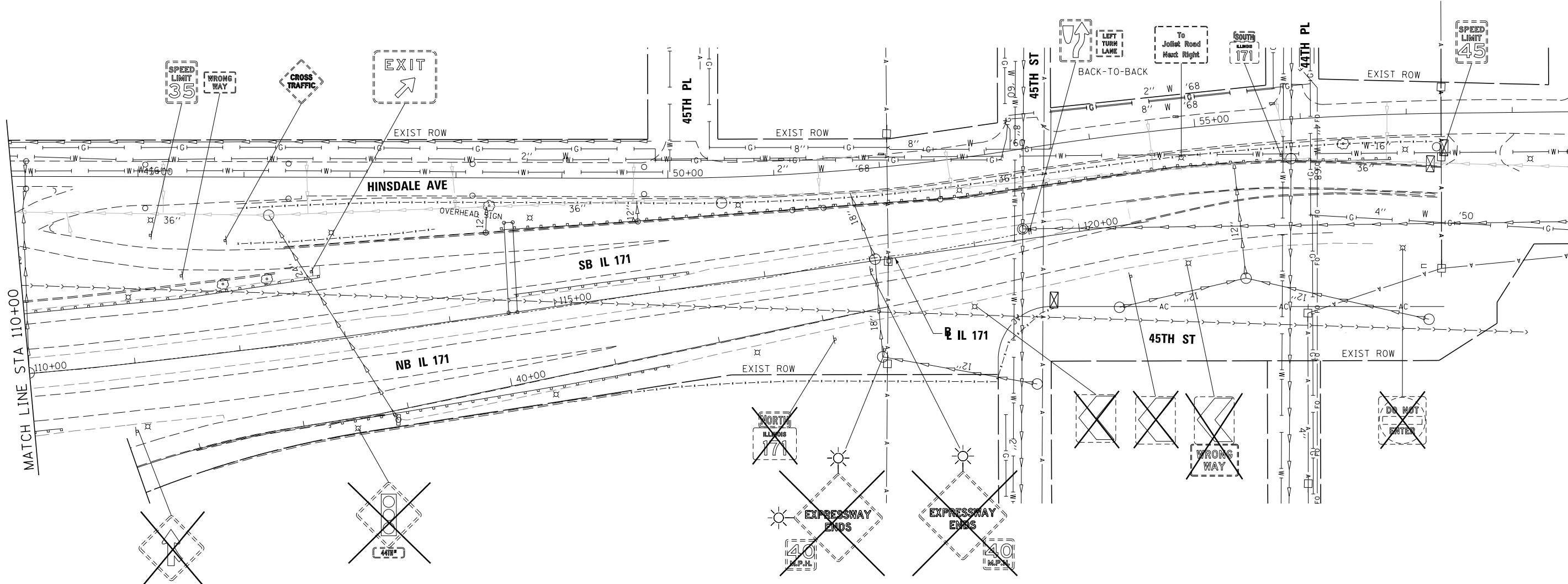
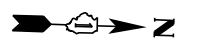


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
IL 171

SCALE: 1"=50' SHEET 8 OF 9 SHEETS STA. 96+00.00 TO STA. 110+00.00

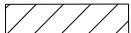
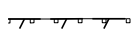

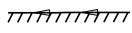
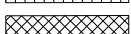

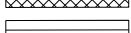

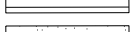




F.A.P. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	48
				CONTRACT NO. 60W75
ILLINOIS FED. AID PROJECT				



NOTE:

1. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL REMOVALS
2. EXISTING CROSSOVER REMOVAL TO BE COMPLETED BY OCT 31, 2016

LEGEND:

- | | | | |
|---|---|---|--|
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 4" |  | GUARDRAIL REMOVAL |
|  | PAVED SHOULDER REMOVAL |  | PIPE CULVERT REMOVAL OR PIPE DRAIN REMOVAL |
|  | PAVEMENT REMOVAL |  | REMOVE IMPACT ATTENUATOR SAND MODULE |
|  | APPROACH SLAB REMOVAL |  | REMOVING INLETS |
|  | MEDIAN CROSSOVER REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION) |  | REMOVING MANHOLES |
|  | HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT |  | REMOVE EXISTING FLARED END SECTION OR DRAINAGE STRUCTURE TO BE REMOVED |
| | |  | SIGN TO BE REMOVED |

FILE NAME =	DESIGNED - AG	REVISED -
...\\D160W75-sht-IL171-rem-NB-09.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
IL 171**

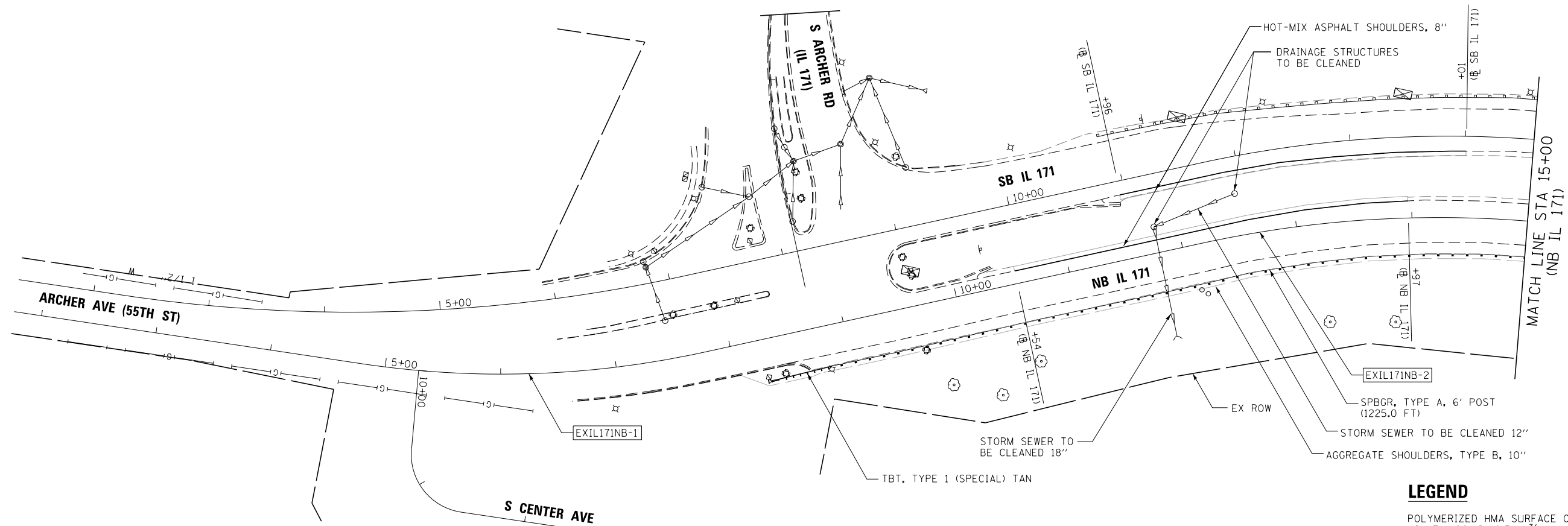
SCALE: 1"=50' SHEET 9 OF 9 SHEETS STA. 110+00.00 TO STA. 120+65.86

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	49
CONTRACT NO. 60W75				
ILLINOIS FED. AID PROJECT				



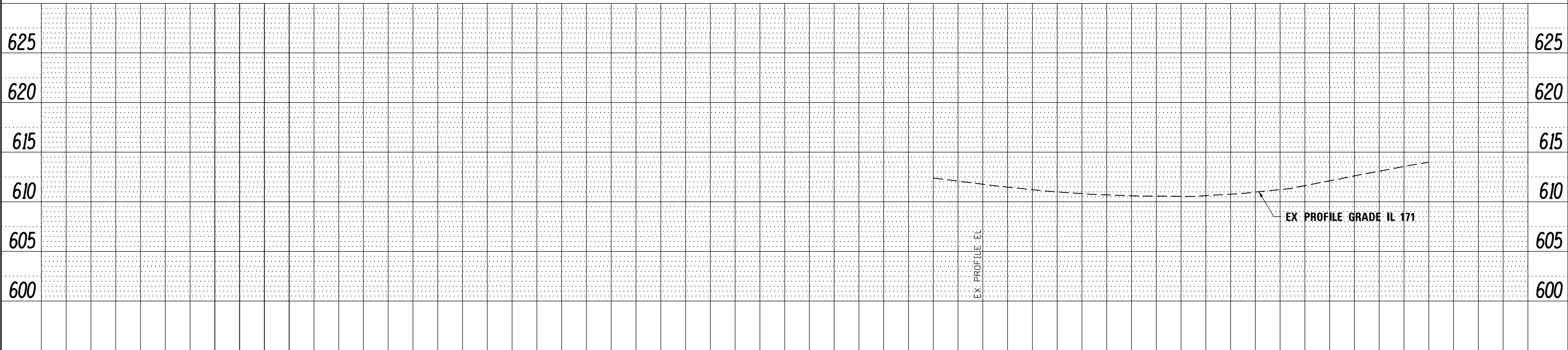
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	FILE NAME	

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



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



FILE NAME =	DESIGNED - AG	REVISED -
...\\D162W75-sh-t-IL171-p1n-NB-01.dgn	DRAWN - TMB	REVISED -
USER NAME = jma_jewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

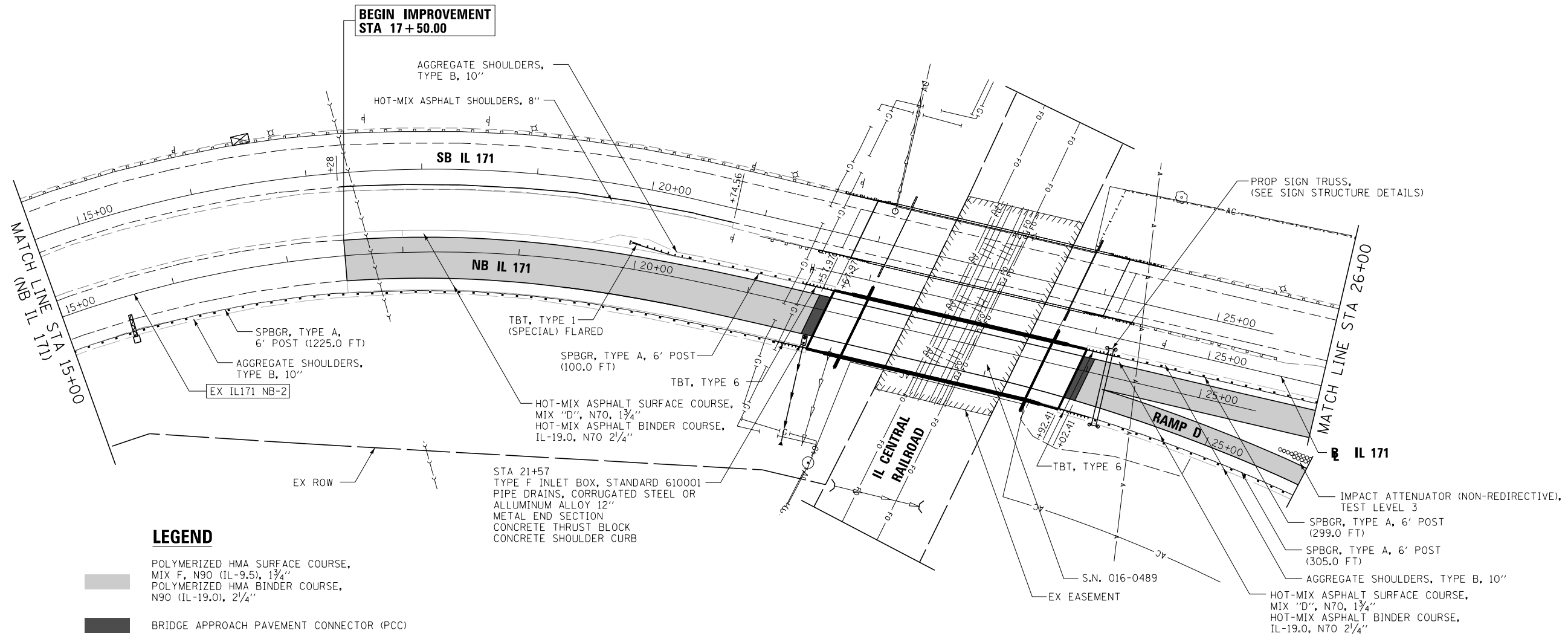
ROADWAY PLAN
IL 171

SCALE: 1"=50' SHEET NO. 1 OF 10 SHEETS STA. TO STA. 15+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	50
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

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



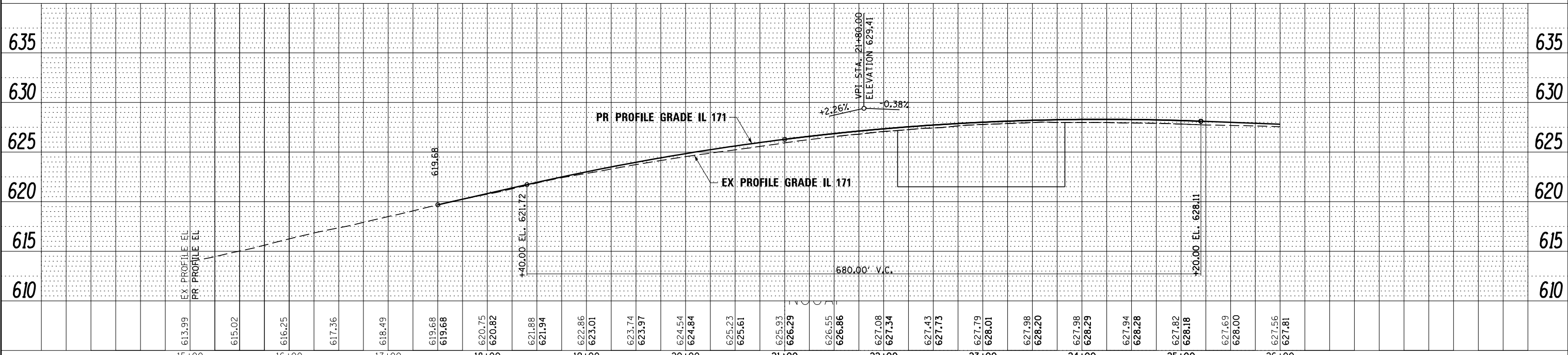
LEGEND

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)

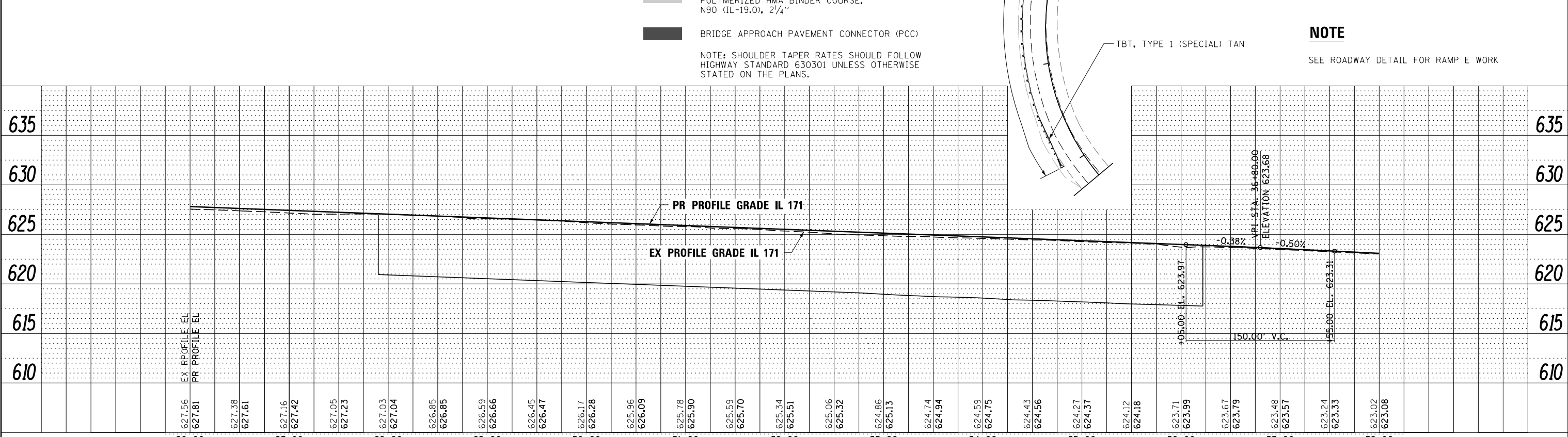
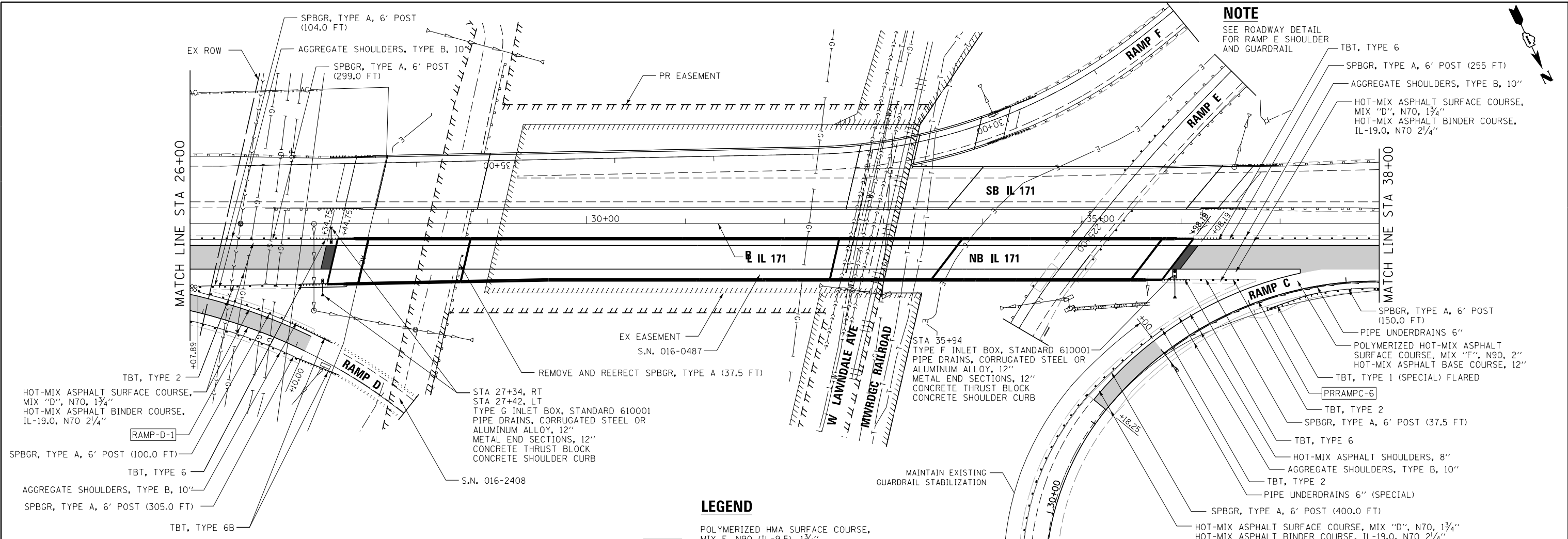
NOTE: SHOULDER TAPER RATES SHOULD FOLLOW HIGHWAY STANDARD 630301 UNLESS OTHERWISE STATED ON THE PLANS.



FILE NAME =	DESIGNED - AG	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ROADWAY PLAN IL 171		F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160W75-sh1-IL171-p1n-NB-02.dgn	DRAWN - TMB	REVISED -		SCALE: 1"=50'	SHEET NO. 2 OF 10 SHEETS	STA. 15+00.00 TO STA. 26+00.00	372/373	2013-037B-R	COOK	787	51	
USER NAME = jma_jewski	CHECKED - JMM	REVISED -				CONTRACT NO. 60W75		ILLINOIS FED. AID PROJECT				
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -										

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	

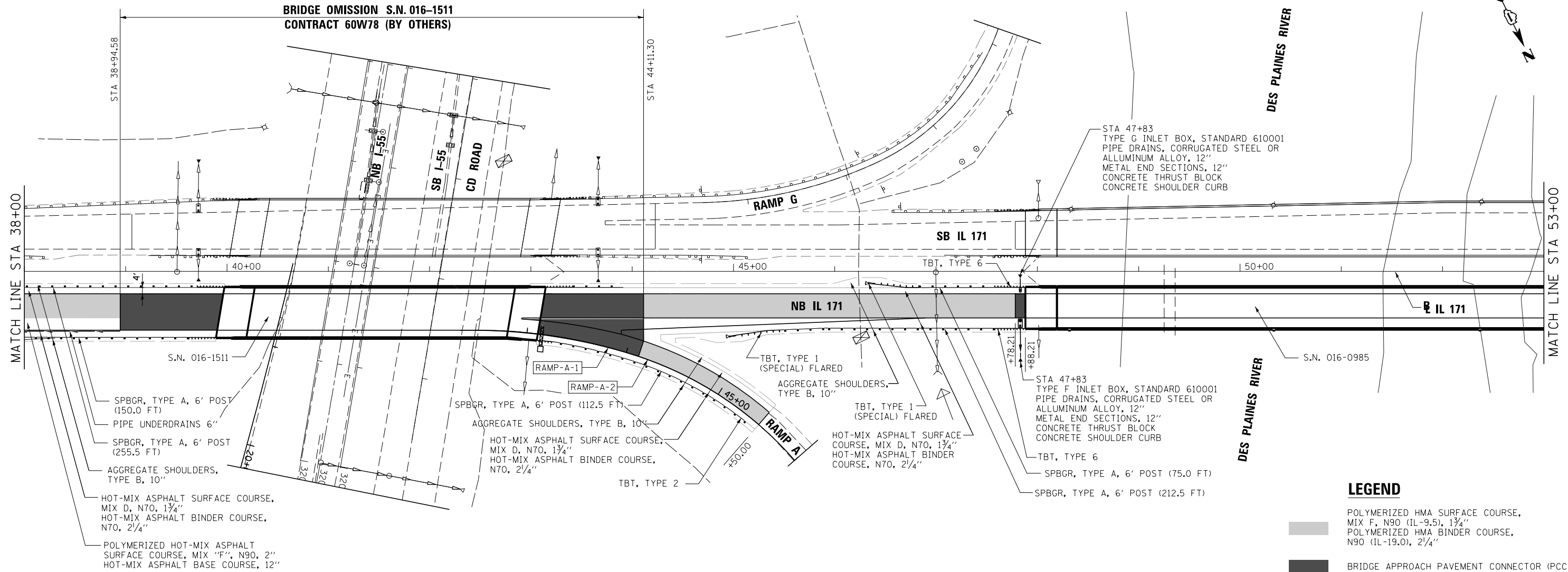


FILE NAME -	DESIGNED - AG	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN		F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\DI60W75-sh1-IL171-p1n-NB-03.dgn	DRAWN - TMB	REVISED -			372/373	2013-037B-R	COOK	787	52		
USER NAME = jma_jewski	CHECKED - JMM	REVISED -			CONTRACT NO. 60W75						
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -			ILLINOIS FED. AID PROJECT						

SCALE: 1"=50' SHEET NO. 3 OF 10 SHEETS STA. 26+00.00 TO STA. 38+00.00

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NO. _____		
	CADD FILE NAME		

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

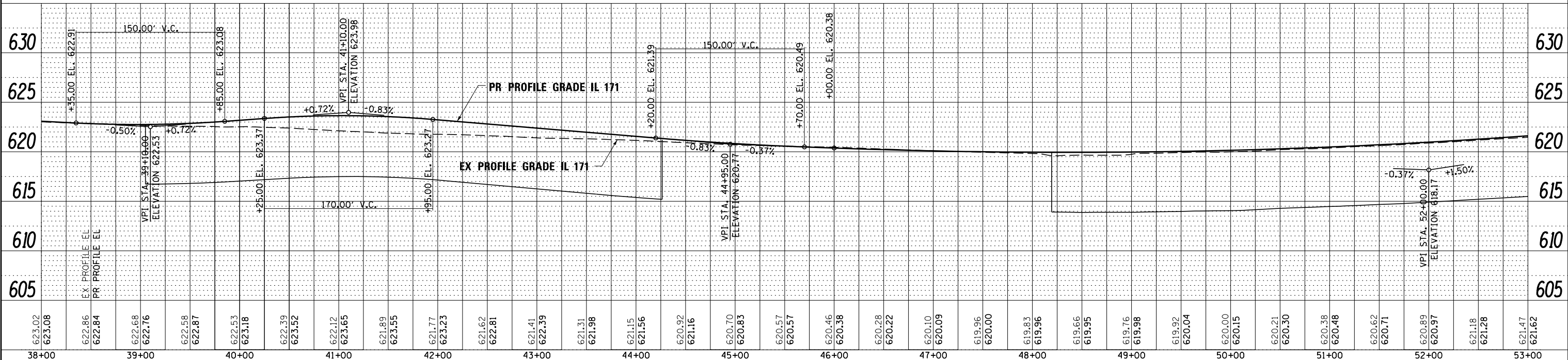


LEGEND

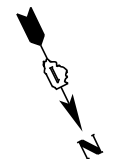
POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"
POLYMERIZED HMA BINDER COURSE, N90 (IL-19.0), 2 1/4"

BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

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

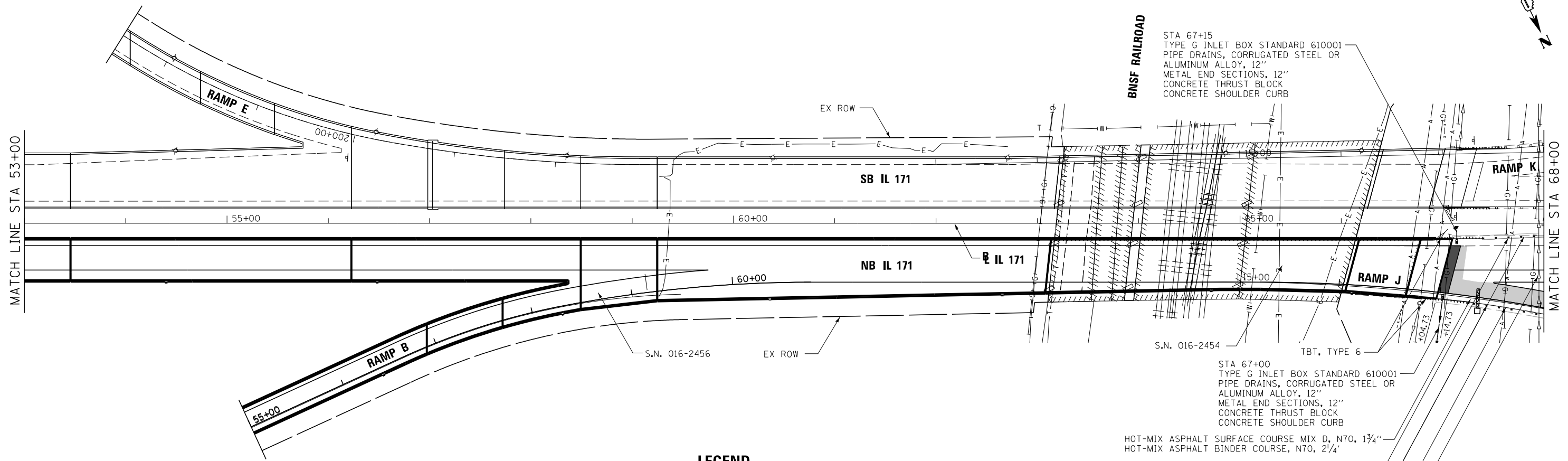


FILE NAME -	DESIGNED - AG	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ROADWAY PLAN IL 171		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160W75-sh1-L171-p1n-NB-04.dgn	DRAWN - TMB	REVISED -						372/373	2013-037B-R	COOK	787	53
USER NAME = jma_jewski	CHECKED - JMM	REVISED -						CONTRACT NO. 60W75				
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -	SCALE: 1"=50'		SHEET NO. 4 OF 10 SHEETS	STA. 38+00.00 TO STA. 53+00.00	ILLINOIS FED. AID PROJECT					



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	BY	
	NO.	
	NOTATION	

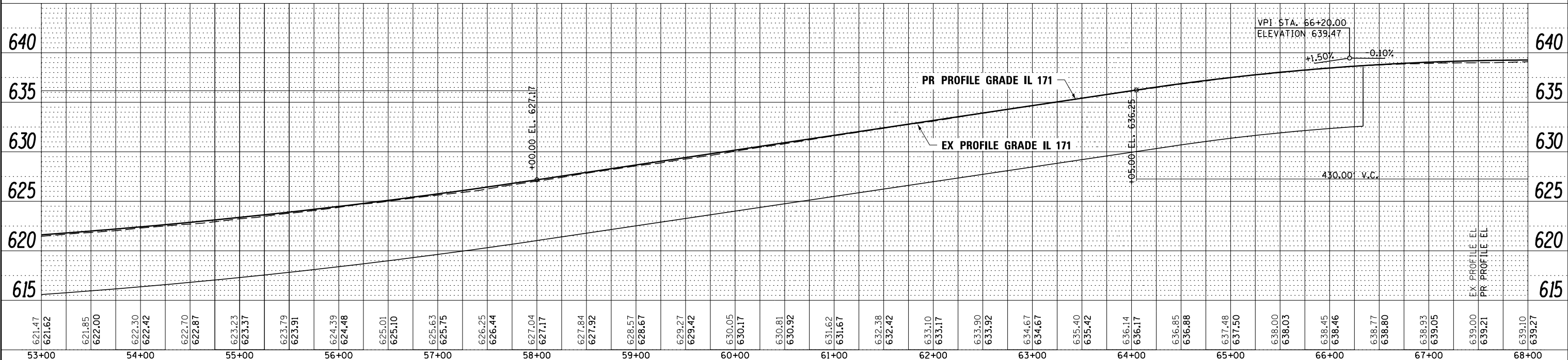


LEGEND

- 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)

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

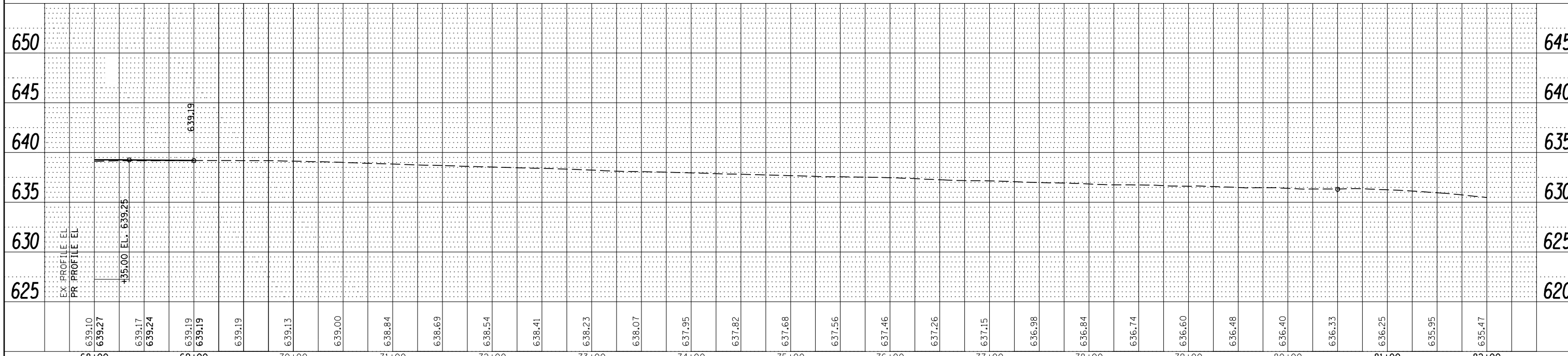
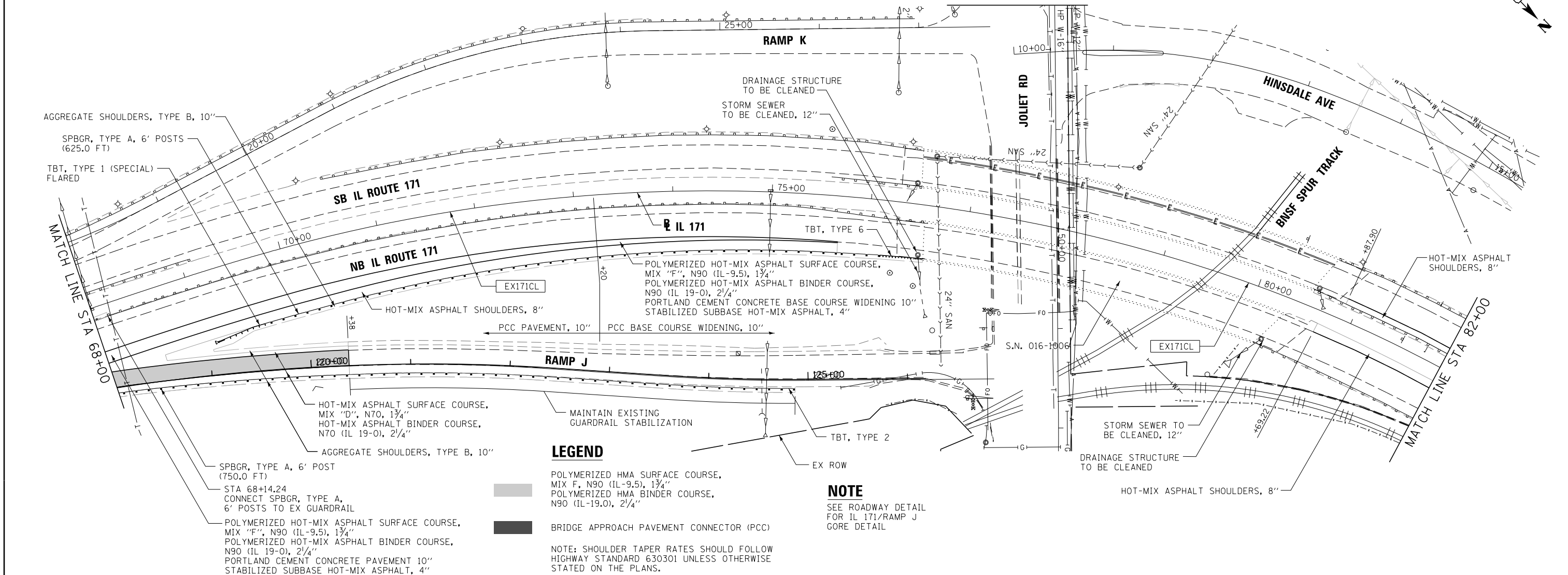
- STA 67+15
TYPE G INLET BOX STANDARD 610001
PIPE DRAINS, CORRUGATED STEEL OR ALUMINUM ALLOY, 12"
METAL END SECTIONS, 12"
CONCRETE THRUST BLOCK
CONCRETE SHOULDER CURB
- STA 67+00
TYPE G INLET BOX STANDARD 610001
PIPE DRAINS, CORRUGATED STEEL OR ALUMINUM ALLOY, 12"
METAL END SECTIONS, 12"
CONCRETE THRUST BLOCK
CONCRETE SHOULDER CURB
- HOT-MIX ASPHALT SURFACE COURSE MIX D, N70, 1 3/4"
- HOT-MIX ASPHALT BINDER COURSE, N70, 2 1/4"
- SPBGR, TYPE A 6' POST, (75.0 FT)
- AGGREGATE SHOULDERS, TYPE B, 10'
- SPBGR, TYPE A 6' POST, (75.0 FT)
- POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5), 1 3/4"
- POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90 (IL-19.0), 2 1/4"
- PORTLAND CEMENT CONCRETE PAVEMENT 10"
- STABILIZED SUBBASE HOT-MIX ASPHALT, 4"



FILE NAME -	DESIGNED - AG	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ROADWAY PLAN IL 171		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D162W75-sh1-IL171-p1n-NB-05.dgn	DRAWN - TMB	REVISED -						372/373	2013-037B-R	COOK	78	54
USER NAME = jma_jewski	CHECKED - JMM	REVISED -						CONTRACT NO. 60W75				
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -	SCALE: 1"=50'		SHEET NO. 5 OF 10 SHEETS		STA. 53+00.00 TO STA. 68+00.00		ILLINOIS FED. AID PROJECT			

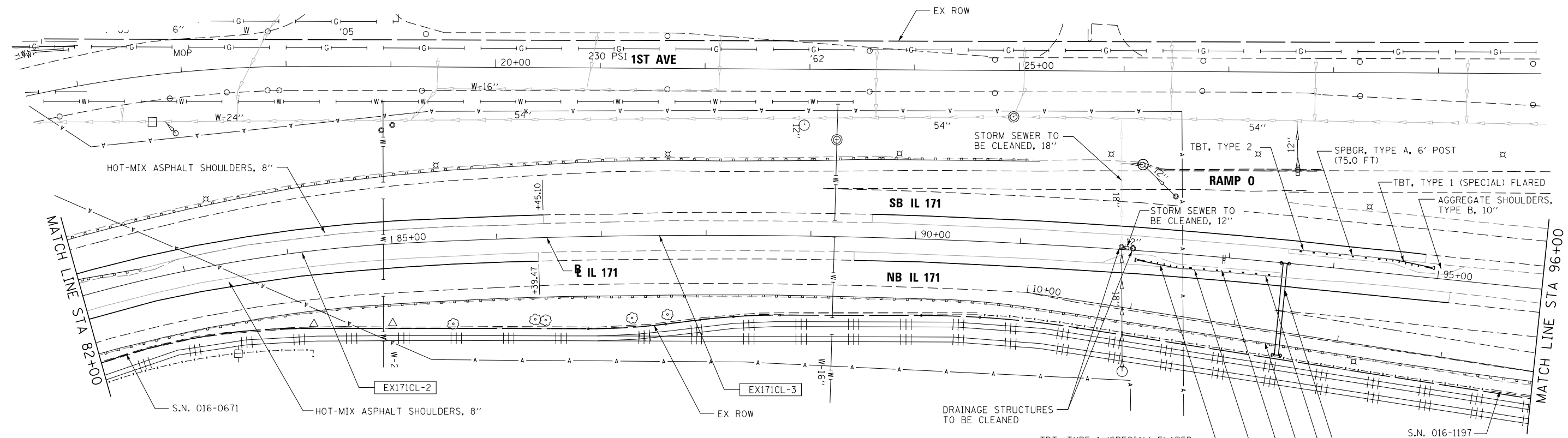
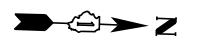
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

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



FILE NAME =	DESIGNED - AG	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ROADWAY PLAN IL 171		F.A.P. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D162W75-sh1-IL171-p1n-NB-06.dgn	DRAWN - TMB	REVISED -						372/373	2013-037B-R	COOK	787	55
USER NAME = jmajewski	CHECKED - JMM	REVISED -						CONTRACT NO. 60W75				
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -						ILLINOIS FED. AID PROJECT				

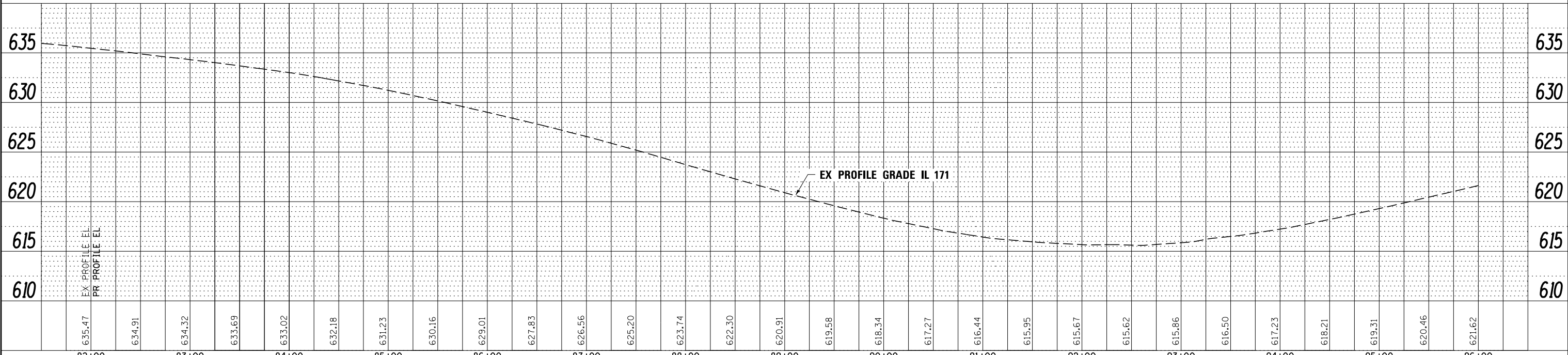
SCALE: 1"=50' SHEET NO. 6 OF 10 SHEETS STA. 68+00.00 TO STA. 82+00.00



LEGEND


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

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



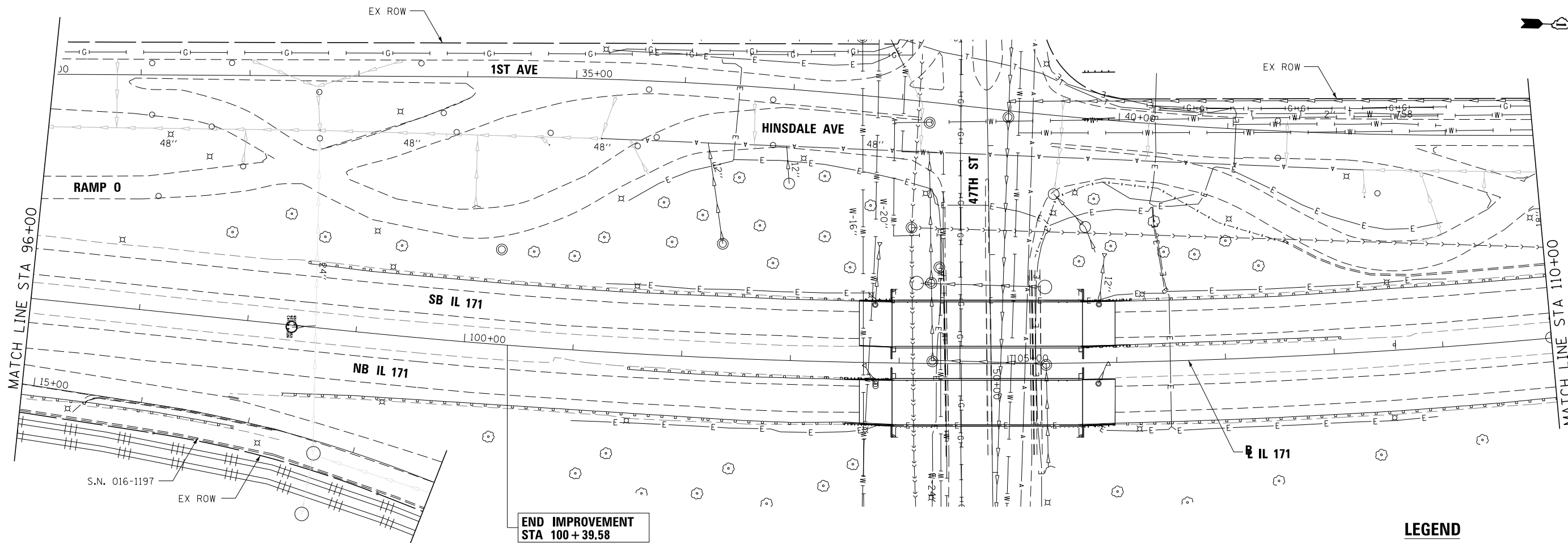
PLAN	SURVEYED	DATE
	PLOTTED	
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	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

FILE NAME =	DESIGNED - AG	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN IL 171			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160W75-sh-t-IL171-p1n-NB-07.dgn	DRAWN - TMB	REVISED -		372/373	2013-037B-R	COOK	787	56						
USER NAME = jma_jewski	CHECKED - JMM	REVISED -		CONTRACT NO. 60W75										
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -		ILLINOIS FED. AID PROJECT										

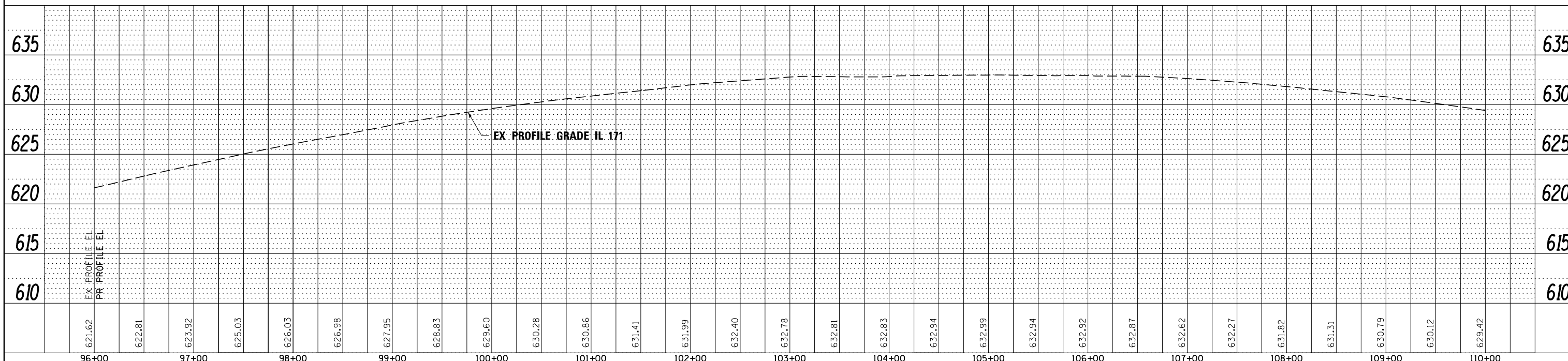
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	CADD FILE NAME	

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



LEGEND

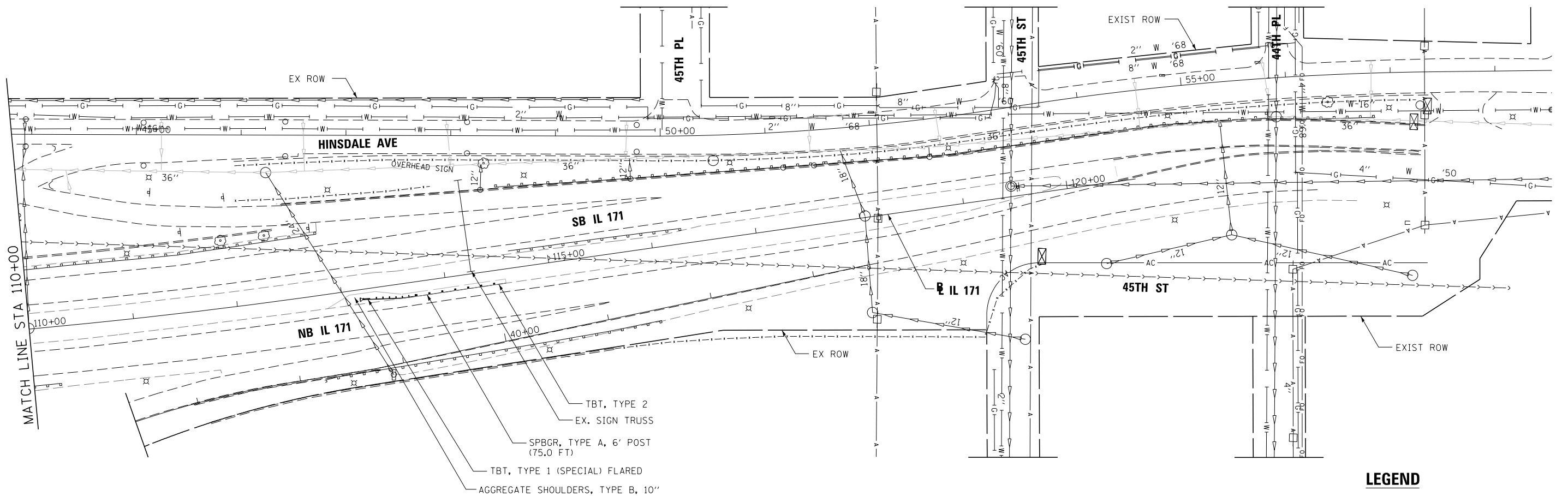
- POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5), 1 3/4"
 - POLYMERIZED HMA BINDER COURSE, N90 (IL-19.0), 2 1/4"
 - BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- NOTE: SHOULDER TAPER RATES SHOULD FOLLOW HIGHWAY STANDARD 630301 UNLESS OTHERWISE STATED ON THE PLANS.



FILE NAME - ...\\D162W75-sh1-IL171-p1n-NB-08.dgn	DESIGNED - AG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN	F.A.P. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
USER NAME = jma,jewski	CHECKED - JMM	REVISED -		IL 171	372/373	2013-037B-R	COOK	787	57	
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -		SCALE: 1"=50'	SHEET NO. 8 OF 10 SHEETS	STA. 96+00.00 TO STA. 110+00.00	CONTRACT NO. 60W75			
						ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



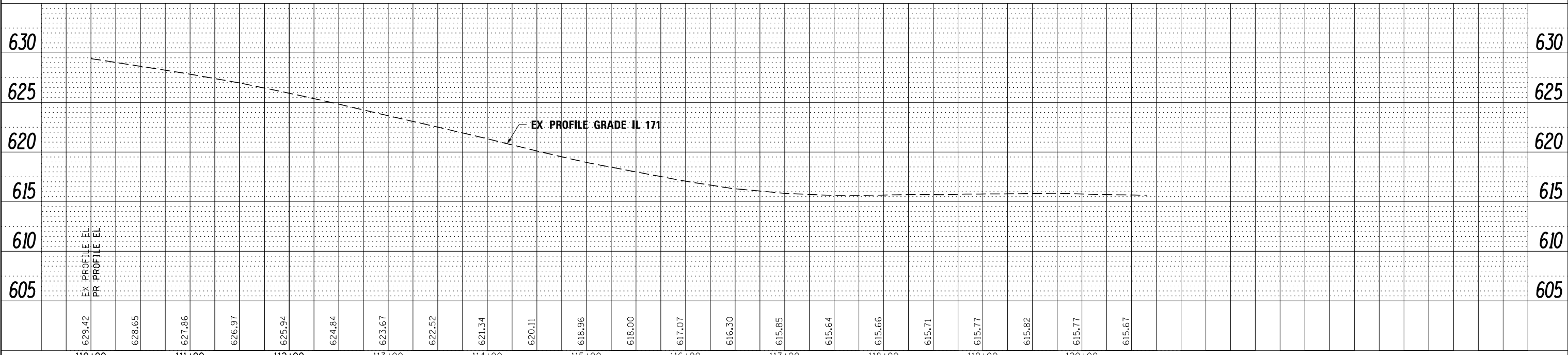
LEGEND

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)

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



629.42	628.65	627.86	626.97	625.94	624.84	623.67	622.52	621.34	620.11	618.96	618.00	617.07	616.30	615.85	615.64	615.66	615.71	615.77	615.82	615.77	615.67	
110+00	111+00	112+00	113+00	114+00	115+00	116+00	117+00	118+00	119+00	120+00												

FILE NAME = ...\\D160W75-sh-t-IL171-p1n-NB-09.dgn	DESIGNED - AG	REVISED -
USER NAME = jmajewski	DRAWN - TMB	REVISED -
PLOT DATE = 6/17/2015	CHECKED - JMM	REVISED -
	DATE - 6/12/2015	REVISED -



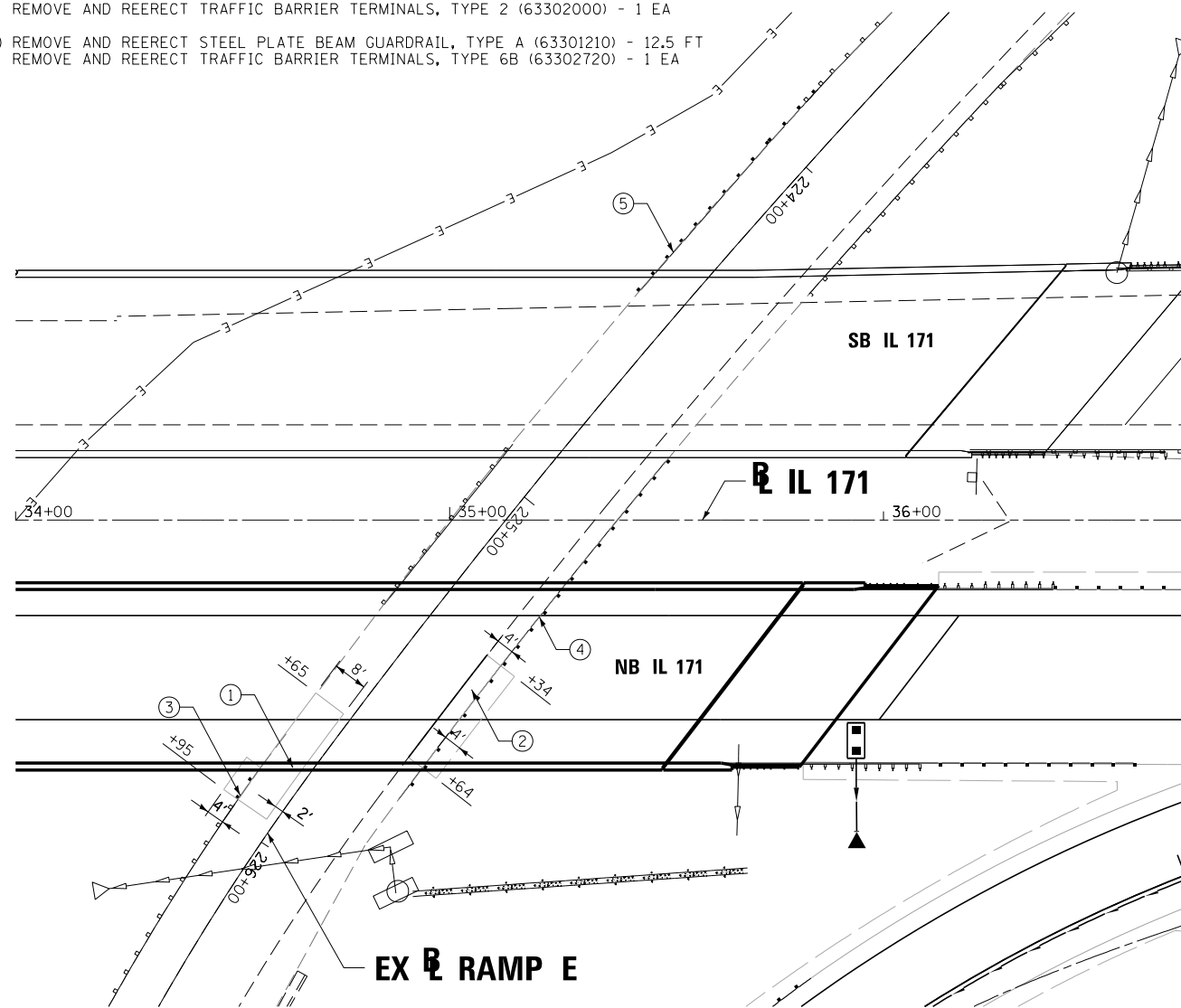
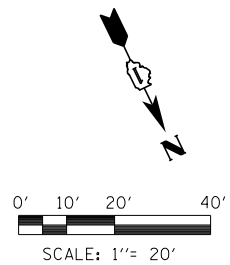
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
IL 171**

SCALE: 1"=50' SHEET NO. 9 OF 10 SHEETS STA. 110+00.00 TO STA. 120+65.86

F.A.P. R.E. 372/373	SECTION 2013-037B-R	COUNTY COOK	TOTAL SHEETS 787	SHEET NO. 58
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	

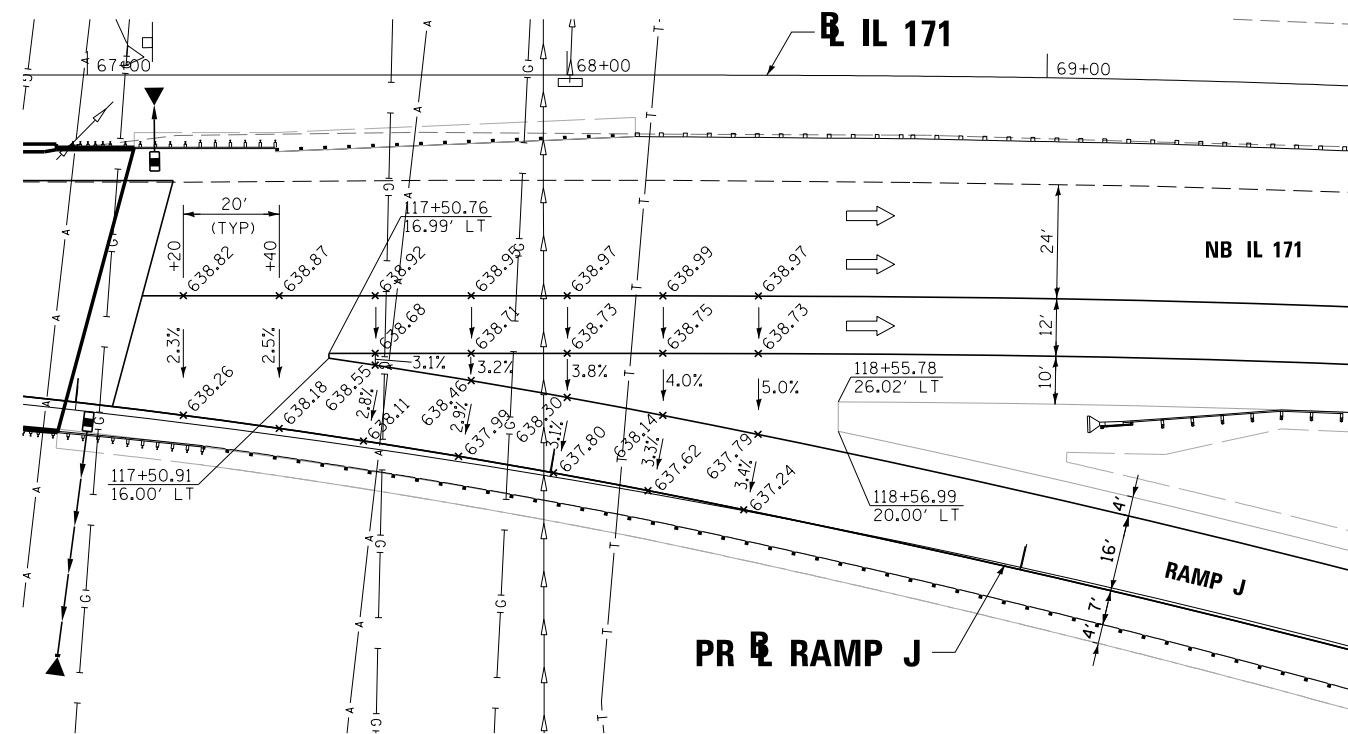
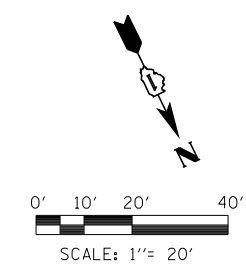
- ① PAVED SHOULDER REMOVAL (44004250) - 27 SQ YD
HOT-MIX ASPHALT SHOULDERS, 12 3/4" (48203048) - 27 SQ YD
AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112) - 30 SQ YD
AGGREGATE SHOULDERS, TYPE B 10" (48101500) - 4 SQ YD
- ② PAVED SHOULDER REMOVAL (44004250) - 13 SQ YD
HOT-MIX ASPHALT SHOULDERS 12 3/4" (48203048) - 13 SQ YD
AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112) - 16 SQ YD
AGGREGATE SHOULDERS, TYPE B 10" (48101500) - 13 SQ YD
- ③ GUARDRAIL REMOVAL (63200310) - 26 FT
TRAFFIC BARRIER TERMINAL, TYPE 5 (63100070) - 1 EA
STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (63000001) - 12.5 FT
- ④ REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A (63301210) - 100.0 FT
REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 2 (63302000) - 1 EA
- ⑤ REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A (63301210) - 12.5 FT
REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6B (63302720) - 1 EA



PROPOSED RAMP E WORK

NOTES:

1. SEE STRUCTURAL PLANS AND MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL INFORMATION.
2. TRAFFIC BARRIER TERMINAL REMOVALS SHALL BE INCLUDED WITH GUARDRAIL UNLESS STATED OTHERWISE ON PLANS.



RAMP J GORE DETAIL

LEGEND



NOTES:

REFER TO ROADWAY PLANS FOR PROPOSED PAY ITEMS AND ADDITIONAL INFORMATION.

FILE NAME =	DESIGNED - AG	REVISED -
... \D160W75-sh1-IL171-det-NB-01.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 171**

SCALE: 1"=30' SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	59
CONTRACT NO. 60W75				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A MINIMUM OF 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. ALL PAVEMENT MARKING REMOVAL ON FINAL SURFACES SHALL BE REMOVED BY HYDRO-BLASTING.
6. 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.
7. TEMPORARY CONCRETE BARRIERS SHALL BE EQUIPPED WITH TYPE "C" REFLECTORS AT 25' CENTERS.
8. ALL CONSTRUCTION WARNING SIGNS SHALL BE BLACK LEGEND ON ORANGE BACKGROUND.
9. ALL CONSTRUCTION WARNING SIGN DIMENSIONS SHALL BE 48" X 48".
10. ALL "ROAD CONSTRUCTION AHEAD" WARNING SIGNS (W20-I103(O)) SHALL BE EQUIPPED WITH TYPE A LOW INTENSITY FLASHING LIGHTS.
11. THE CONTRACTOR SHALL INSTALL AND COVER ALL TEMPORARY SIGNING BEFORE EXISTING SIGNS ARE REMOVED.
12. THE CONTRACTOR SHALL INSTALL AND COVER ALL PERMANENT SIGNING BEFORE TEMPORARY SIGNS ARE REMOVED.
13. EXISTING TRAFFIC SIGNS IN CONFLICT WITH STAGING SHALL BE REMOVED, RELOCATED OR COVERED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
14. ALL THE EXISTING SPEED LIMIT SIGNS WITHIN THE WORK ZONE SHOULD BE REMOVED ONCE THE WORK ZONE SPEED LIMIT SIGNS ARE INSTALLED.
15. DIRECTION INDICATOR BARRICADES SHALL ONLY BE USED IN LANE CLOSURE TAPER LOCATIONS.
16. WET REFLECTIVE TEMPORARY MARKINGS SHALL BE USED FOR ALL THE APPLICATIONS IN THIS CONTRACT.
17. DRUMS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER, TO DELINEATE THE TRAVEL EDGE OF PAVEMENT FOR THE CROSS-OVERS.
18. 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.
19. 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).
20. THE LOCATION OF SPEED DISPLAY TRAILERS WILL BE DETERMINED BY THE ENGINEER.
21. TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER REMOVAL IS INCLUDED IN THE CONTRACT UNIT PRICE OF "TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER".
22. THE CONTRACTOR TO COORDINATE ALL THE WORK IN THIS CONTRACT WITH CONTRACT 60W78 WHICH INCLUDES THE REMOVAL AND CONSTRUCTION OF STRUCTURE 016-1511 AND THE TRAFFIC CONTROL ON I-55.
23. TEMPORARY CONCRETE BARRIER SHALL BE CONTINUOUSLY PINNED (EXCEPT ON NEW BRIDGE DECKS) TO THE PAVEMENT WHENEVER A 37" CLEAR ZONE FREE FROM DROP-OFFS OR ANY OBSTRUCTION CANNOT BE PROVIDED FOR BEHIND THE WALL.
24. 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 (EXCEPT ON NEW BRIDGE DECKS). 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 INVOLVING ANCHORING PINS AND FILLING ALL ANCHORING HOLES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR PINNING TEMPORARY CONCRETE BARRIER WALL PER THE BDE SPECIAL PROVISION.
25. THE BUREAU OF CONSTRUCTION HAS TO COMPLETE AND SEND THE OPER 2410 FORM, 21 DAYS PRIOR TO ESTABLISHING THE WIDTH RESTRICTIONS ON IL-171.

SUGGESTED CONSTRUCTION SEQUENCING

TRAFFIC

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

RAMP A, B, C, D AND J SHALL BE CLOSED AND TRAFFIC WILL BE DETOURED.

RAMP E, F, G, H, I, K, L, M, N AND O TO REMAIN OPEN TO TRAFFIC AT ALL TIMES.

TEMPORARY TRAFFIC CONTROL ITEMS TO BE PLACED ON RAMP E DURING CONSTRUCTION OF STRUCTURE 016-0487 BRIDGE PIERS.

CONSTRUCTION

CONSTRUCT STRUCTURES 016-0489, 016-2408, 016-0487, 016-0985, 016-0987, 016-2456, 016-2454, 016-1006, 016-0671 AND 016-1197. STRUCTURE 016-1511 WILL BE CONSTRUCTED BY OTHERS.

CONSTRUCT ALL PROPOSED PAVEMENT, SHOULDERS AND GUARDRAIL.

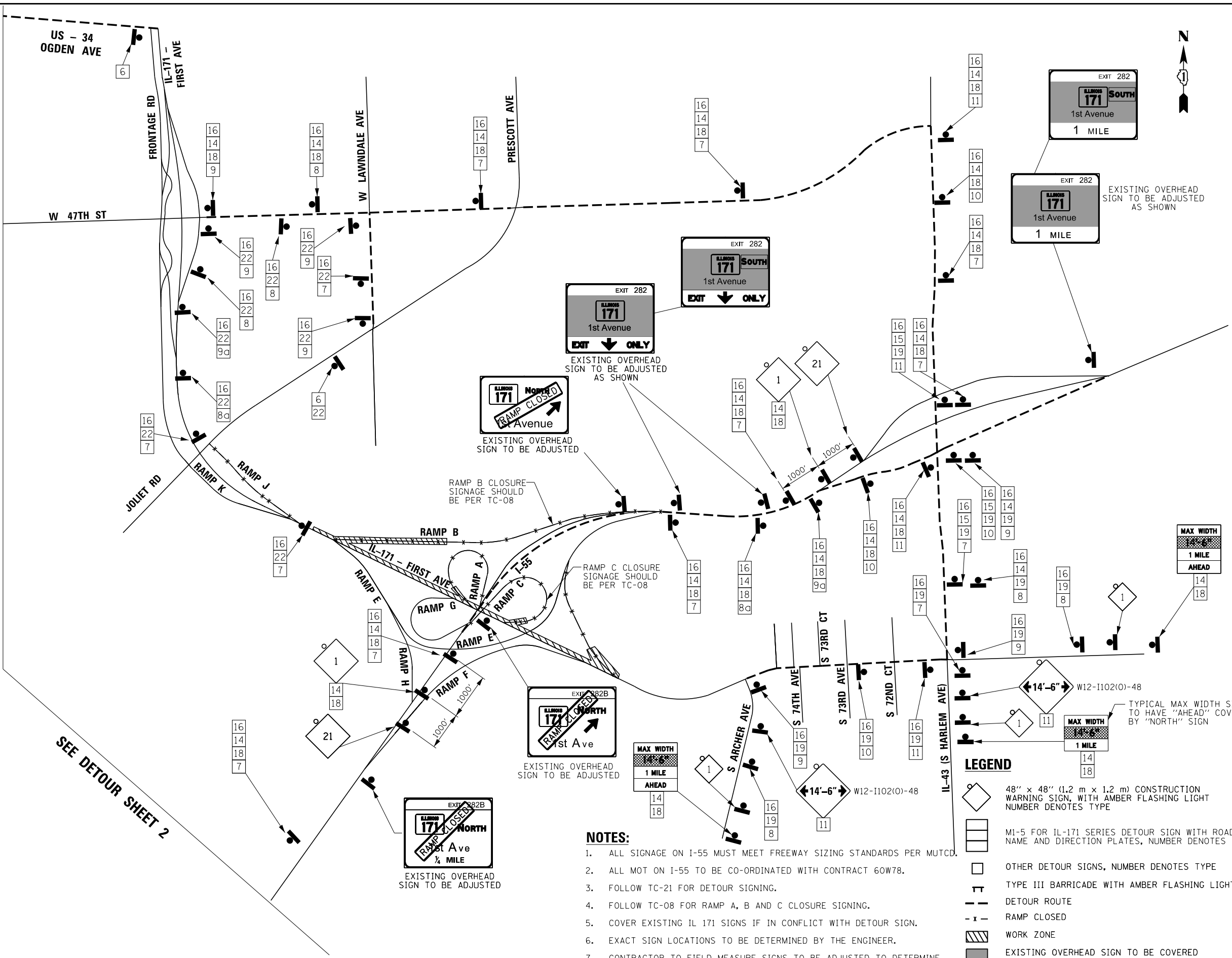
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...\\D160W75-sh-t-stagringnotes.dgn	DRAWN -	REVISED -				372/373	2013-037B-R	COOK	787	60
USER NAME = jmajewski	CHECKED -	REVISED -				CONTRACT NO. 60W75				
PLOT DATE = 8/25/2015	DATE - 6/12/2015	REVISED -				SCALE:	SHEET 1 OF 17 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

SCHEDULE OF SIGNS

SIGN NUMBER	SIGN TYPE
1	DETOUR AHEAD W20-2 (O) 48 W/ MONO-DIRECTIONAL LIGHT
2	EXIT CLOSED E5-2a-4836
3	ROAD CLOSED R11-4 6030
4	DETOUR M4-10 (O) 4818
5	DETOUR M4-10 (O) 4818
6	END DETOUR M4-8a (O) 2418
7	M6-3 2115
8	M5-1R 2115
8A	M5-2R 2115
9	M6-1R 2115
9A	M6-2R 2115
10	M5-1L 2115
11	M6-1L 2115
12	R3-2 30"x30"
13	M3-2 (O) 2412
14	NORTH M3-2 (O) 2412
15	SOUTH M3-3 (O) 2412
16	DETOUR M1-7 2412
17	TO R2-1-1212
18	ILLINOIS 171 M1-5-4536
19	55 M1-1-3636
20	ONLY M4-5-3618
21	ROAD CONSTRUCTION AHEAD W20-1103-48 W/ MONO-DIRECTIONAL LIGHT
22	Joliet Rd D3-1-6018

SEE DETOUR SHEET 2

SEE DETOUR SHEET 2

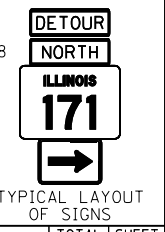


NOTES:

- ALL SIGNAGE ON I-55 MUST MEET FREEWAY SIZING STANDARDS PER MUTCD.
- ALL MOT ON I-55 TO BE CO-ORDINATED WITH CONTRACT 60W78.
- FOLLOW TC-21 FOR DETOUR SIGNING.
- FOLLOW TC-08 FOR RAMP A, B AND C CLOSURE SIGNING.
- COVER EXISTING IL 171 SIGNS IF IN CONFLICT WITH DETOUR SIGN.
- EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
- CONTRACTOR TO FIELD MEASURE SIGNS TO BE ADJUSTED TO DETERMINE SIZE OF OVERLAY SIGN.

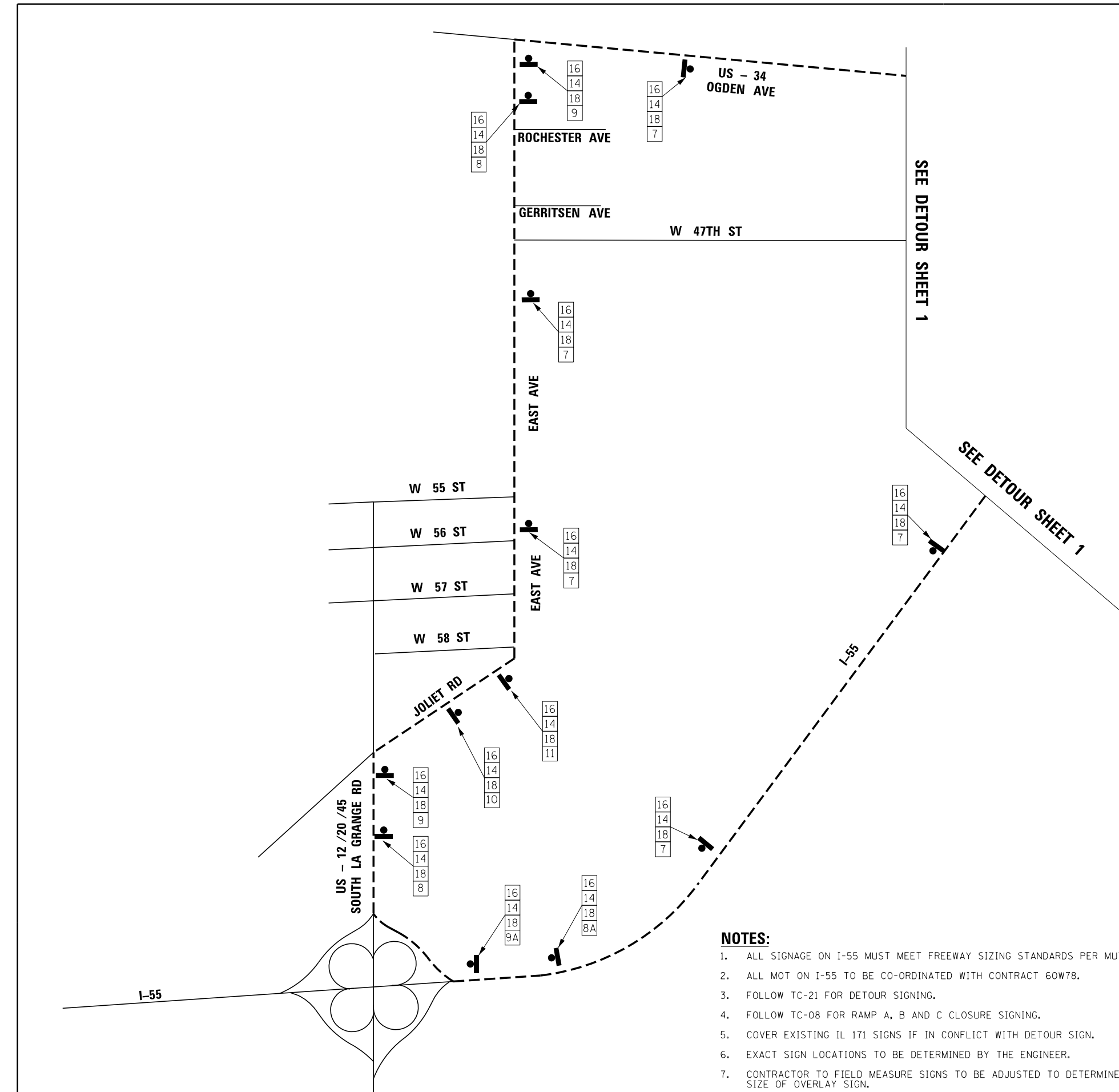
LEGEND

- 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



SCHEDULE OF SIGNS

SIGN NUMBER	SIGN TYPE	SIGN TYPE
1		W20-2 (O) 48 W/ MONO-DIRECTIONAL LIGHT
2		E5-2a-4836
3		R11-4 6030
4		M4-10 (O) 4818
5		M4-10 (O) 4818
6		M4-8a (O) 2418
7		M6-3 2115
8		M5-1R 2115
8A		M5-2R 2115
9		M6-1R 2115
9A		M6-2R 2115
10		M5-1L 2115
11		M6-1L 2115
12		R3-2 30"x30"
13		M3-2 (O) 2412
14		M3-2 (O) 2412
15		M3-3 (O) 2412
16		M1-7 2412
17		R2-1-1212
18		M1-5-4536
19		M1-1-3636
20		M4-5-3618
21		W20-1103-48 W/ MONO-DIRECTIONAL LIGHT
22		D3-1-6018



- NOTES:**
1. ALL SIGNAGE ON I-55 MUST MEET FREEWAY SIZING STANDARDS PER MUTCD.
 2. ALL MOT ON I-55 TO BE CO-ORDINATED WITH CONTRACT 60W78.
 3. FOLLOW TC-21 FOR DETOUR SIGNING.
 4. FOLLOW TC-08 FOR RAMP A, B AND C CLOSURE SIGNING.
 5. COVER EXISTING IL 171 SIGNS IF IN CONFLICT WITH DETOUR SIGN.
 6. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
 7. CONTRACTOR TO FIELD MEASURE SIGNS TO BE ADJUSTED TO DETERMINE SIZE OF OVERLAY SIGN.

- 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 -	REVISED -
...\\D160W75-sh-t-Detour-1a-Rompb.dgn	DRAWN -	REVISED -
USER NAME = jmajewski	CHECKED -	REVISED -
PLOT DATE = 8/25/2015	DATE -	REVISED -

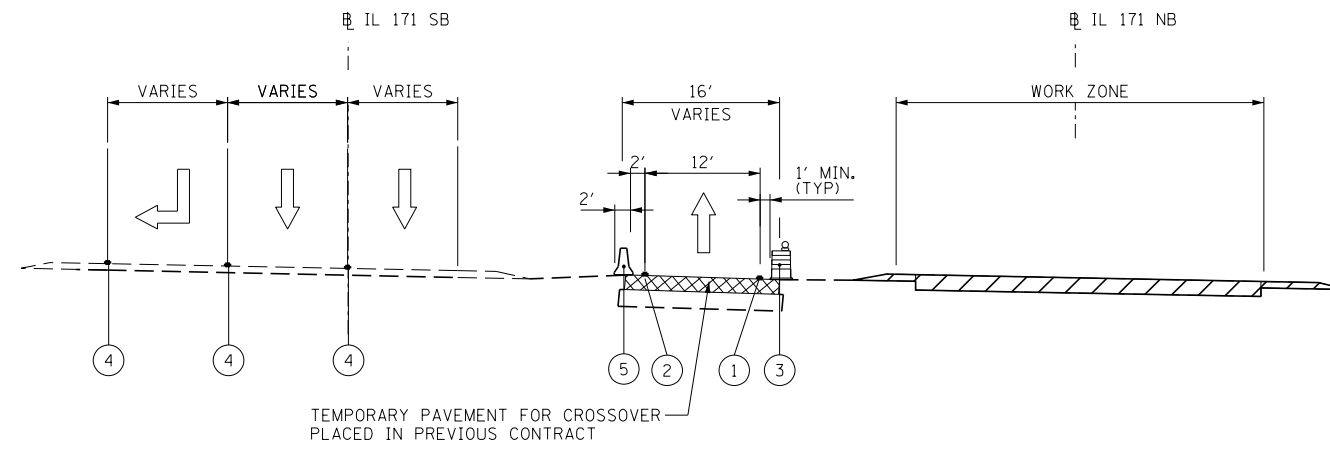


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
DETOUR (2 OF 2)**

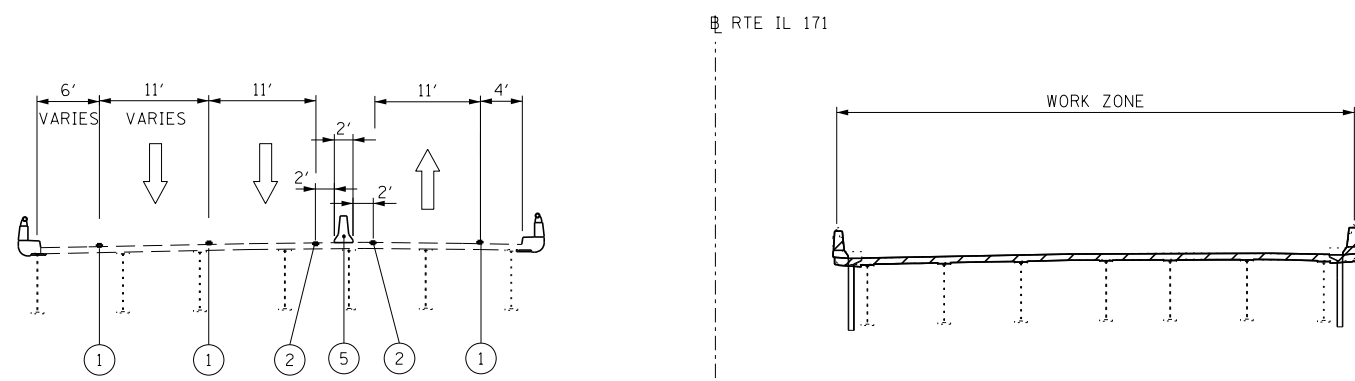
SHEET	3 OF 17 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	62
				CONTRACT NO. 60W75
ILLINOIS FED. AID PROJECT				

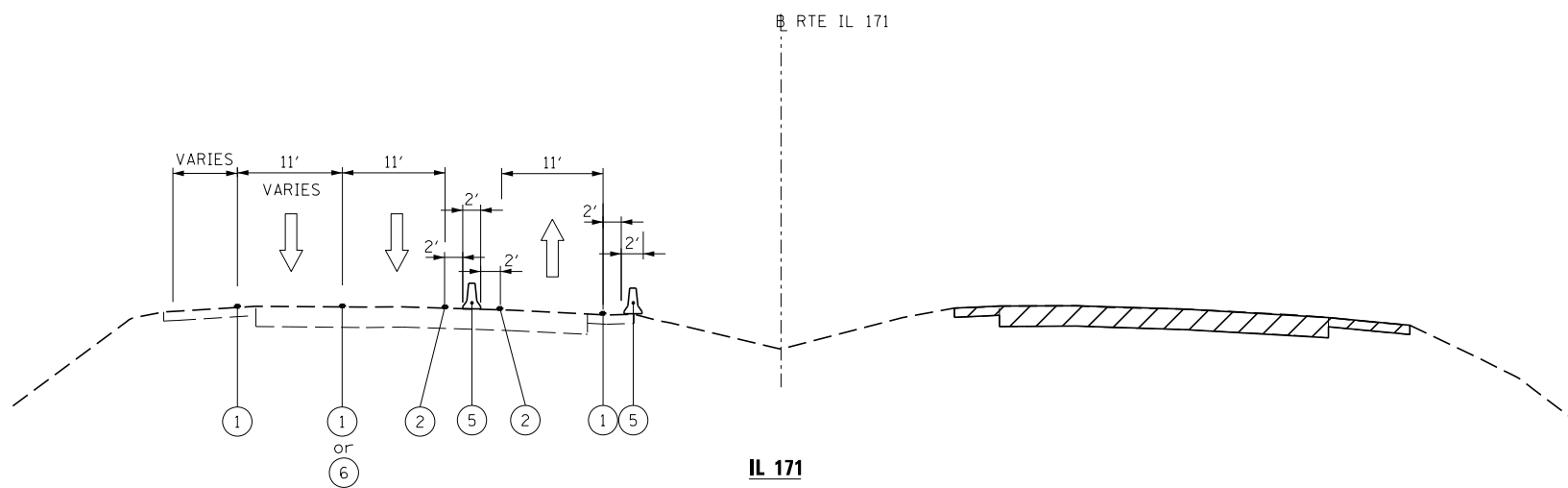


IL 171
STA 10+54 TO STA 19+50

- LEGEND**
- ① WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH WHITE
 - ② WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH YELLOW
 - ③ DRUM W/STEADY BURN MONODIRECTIONAL LIGHT
 - ④ EXISTING PAVEMENT MARKING
 - ⑤ TEMPORARY CONCRETE BARRIER
 - ⑥ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH WHITE W/TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ▨ WORK AREA
- ▩ TEMPORARY PAVEMENT PLACED PREVIOUS CONTRACT

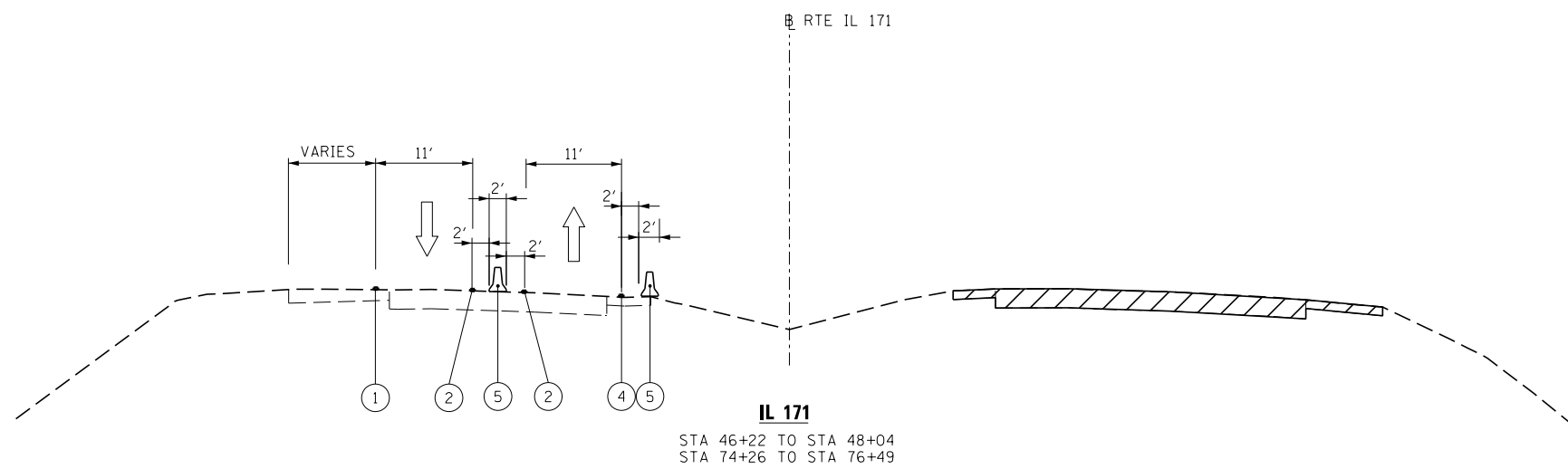


IL 171
STA 21+95 TO STA 25+90
STA 27+72 TO STA 38+20
STA 40+18 TO STA 46+22
STA 55+75 TO STA 69+00

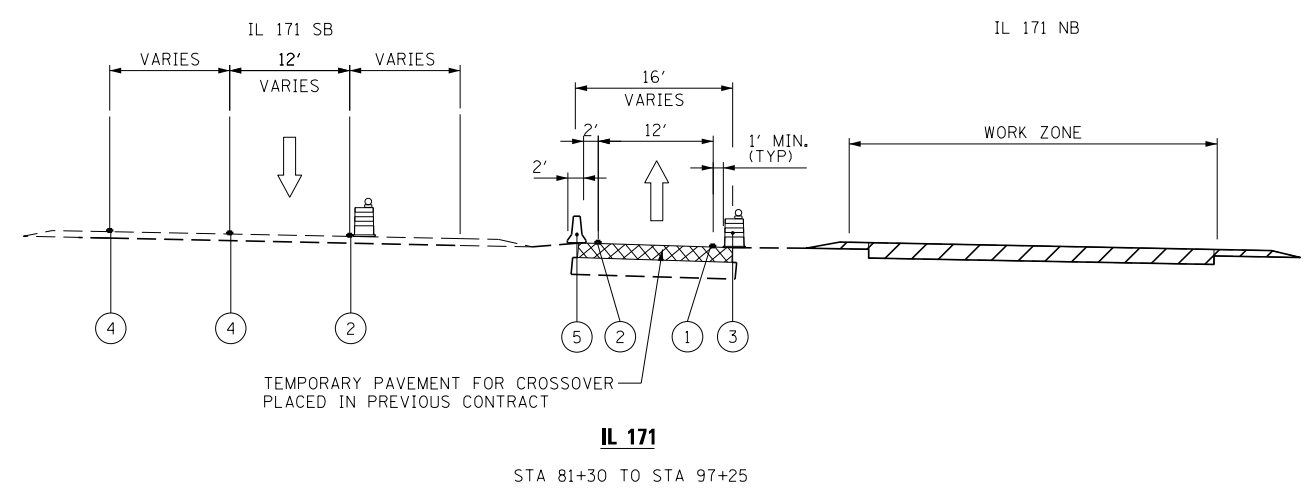
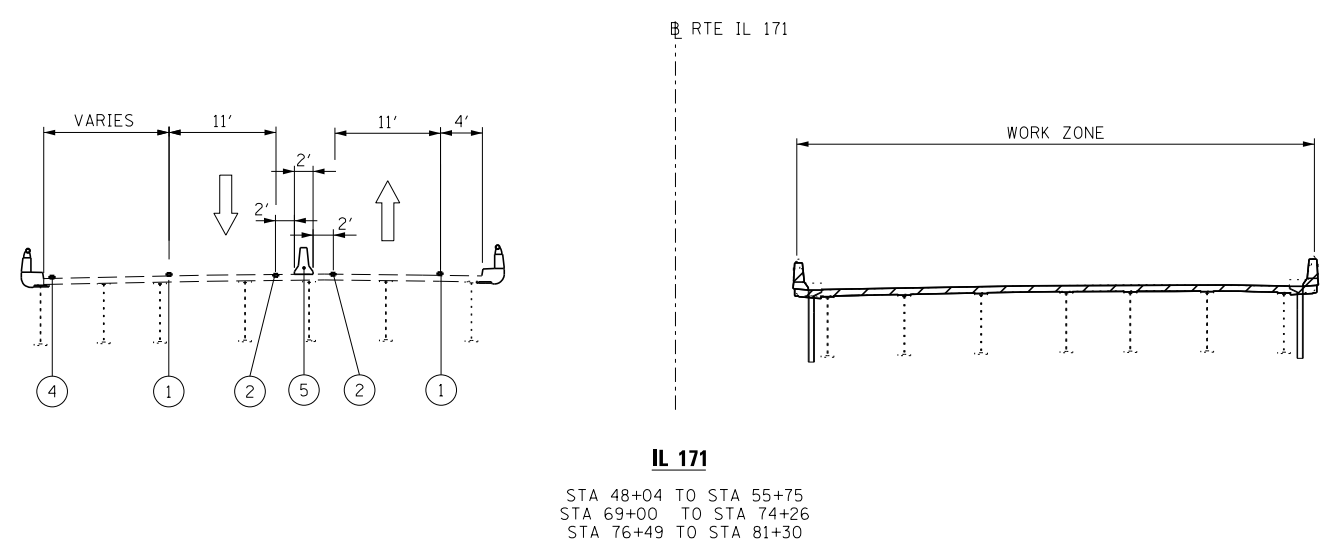


IL 171
STA 19+50 TO STA 21+95
STA 25+90 TO STA 27+72
STA 38+20 TO STA 40+18

FILE NAME = ... \D160W75-sh1-MOT-extyp-stg1A-01.dgn	DESIGNED - KJD	REVISED -	<p>benesch engineers · scientists · planners</p>	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>MAINTENANCE OF TRAFFIC TYPICAL SECTIONS</p>			F.A.P. RTE. 372/373	SECTION 2013-037B-R	COUNTY COOK	TOTAL SHEETS 787	SHEET NO. 63
USER NAME = jmajewski	DRAWN - TMB	REVISED -						CONTRACT NO. 60W75				
PLOT DATE = 6/17/2015	CHECKED - JMM	REVISED -			ILLINOIS FED. AID PROJECT							
DATE = 6/12/2015	REVISOR -	REVISED -			1"=50' SHEET 4 OF 17 SHEETS STA. TO STA.							



- LEGEND**
- ① WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH WHITE
 - ② WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH YELLOW
 - ③ DRUM W/STEADY BURN MONODIRECTIONAL LIGHT
 - ④ EXISTING PAVEMENT MARKING
 - ⑤ TEMPORARY CONCRETE BARRIER
 - ⑥ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH WHITE W/TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- WORK AREA
 - TEMPORARY PAVEMENT PLACED PREVIOUS CONTRACT



FILE NAME =	DESIGNED - KJD	REVISED -
... \D160W75-shr-MOT-ext-tp-stg1A-02.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

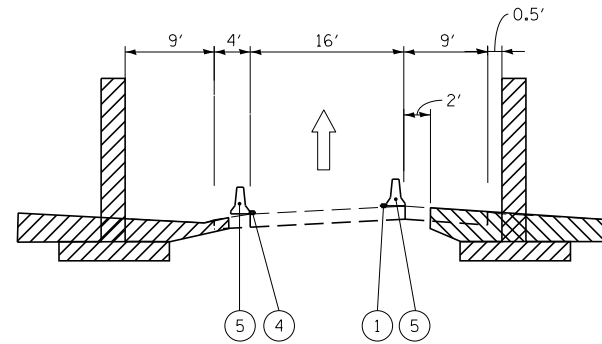
MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS

1"=50' SHEET 5 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	64
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	

NOTE

WORK ON BRIDGE PIERS TO BE DONE AT SEPARATE TIMES TO MAINTAIN A MINIMUM 17.5' OPENING AT ALL TIMES.



RAMP E

STA 222+87.00 TO STA 225+95.00

LEGEND

- ① WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH WHITE
- ② WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH YELLOW
- ③ DRUM W/STEADY BURN MONODIRECTIONAL LIGHT
- ④ EXISTING PAVEMENT MARKING
- ⑤ TEMPORARY CONCRETE BARRIER
- ⑥ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH WHITE W/TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS CONTRACT

FILE NAME =	DESIGNED - KJD	REVISED -
...\\D160W75-shr-MOT-ext-yp-stg1A-03.dgn	DRAWN - TMB	REVISED -
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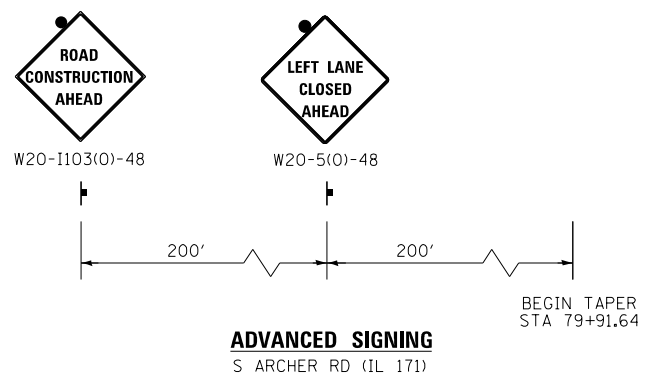
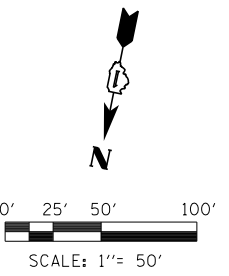


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

1"=50' SHEET 6 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	65
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



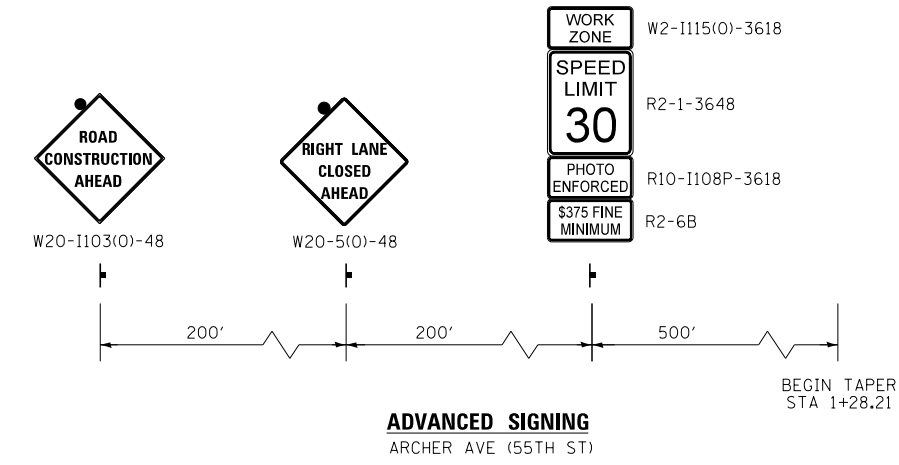
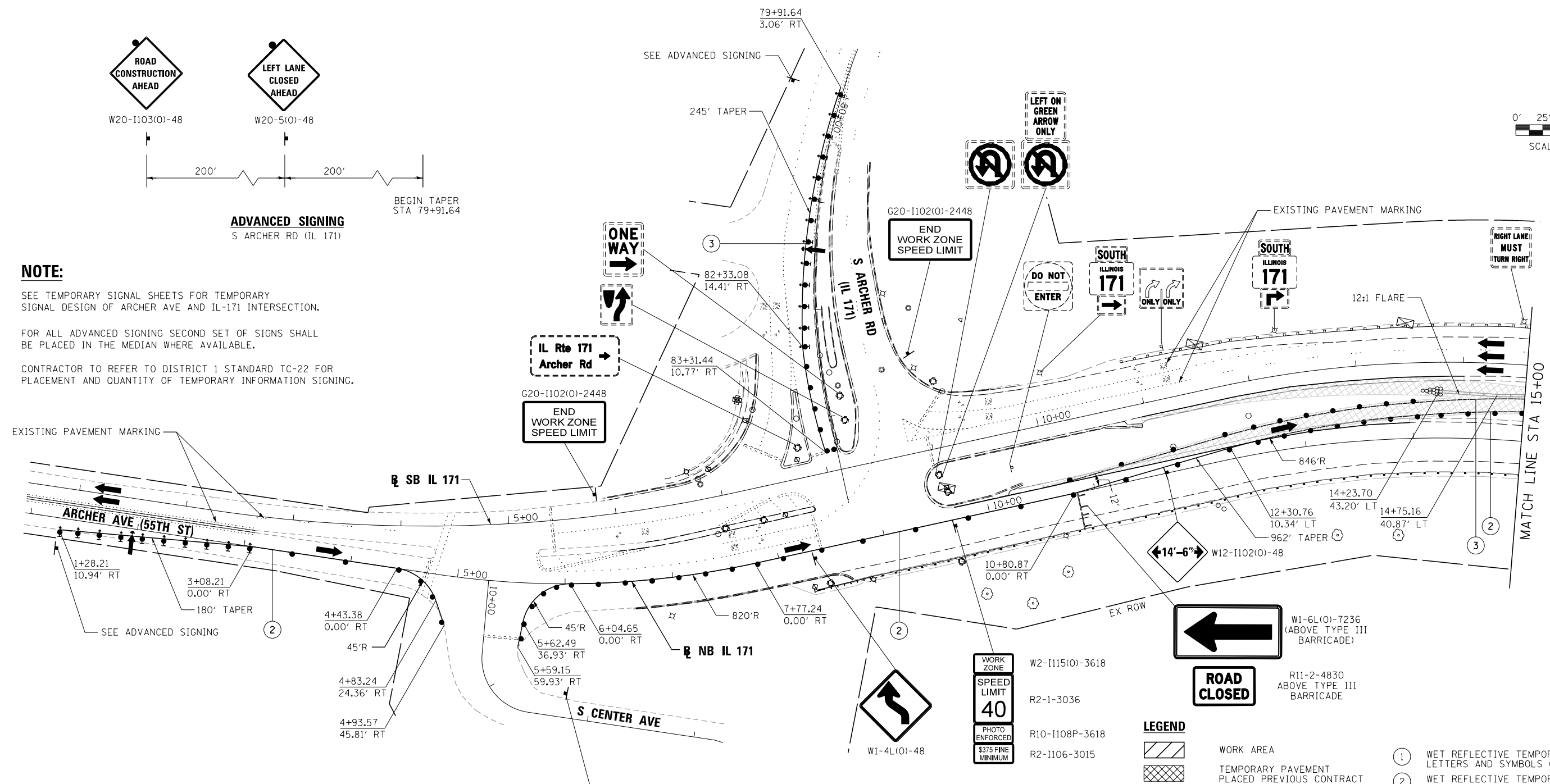
NOTE:

SEE TEMPORARY SIGNAL SHEETS FOR TEMPORARY SIGNAL DESIGN OF ARCHER AVE AND IL-171 INTERSECTION.

FOR ALL ADVANCED SIGNING SECOND SET OF SIGNS SHALL BE PLACED IN THE MEDIAN WHERE AVAILABLE.

CONTRACTOR TO REFER TO DISTRICT 1 STANDARD TC-22 FOR PLACEMENT AND QUANTITY OF TEMPORARY INFORMATION SIGNING.

EXISTING PAVEMENT MARKING



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS CONTRACT
- 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
- DIRECTION INDICATOR BARRICADES w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS

- ① WET REFLECTIVE TEMPORARY TAPE TY III - LETTERS AND SYMBOLS (WHITE)
- ② WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE)
- ③ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (YELLOW)
- ④ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE) (10' DASH, 30' SKIP)
- ⑤ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ⑥ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑦ WET REFLECTIVE TEMPORARY TAPE TY III - 8 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE TY III - 12 INCH (WHITE)

FILE NAME =	DESIGNED - KJD	REVISED -
...\\D160W75-shr-IL171-Mot-Stla-NB-01.dgn	DRAWN - TMB	REVISED -
USER NAME = kdoyle	CHECKED - JMM	REVISED -
PLOT DATE = 7/13/2015	DATE - 6/12/2015	REVISED -

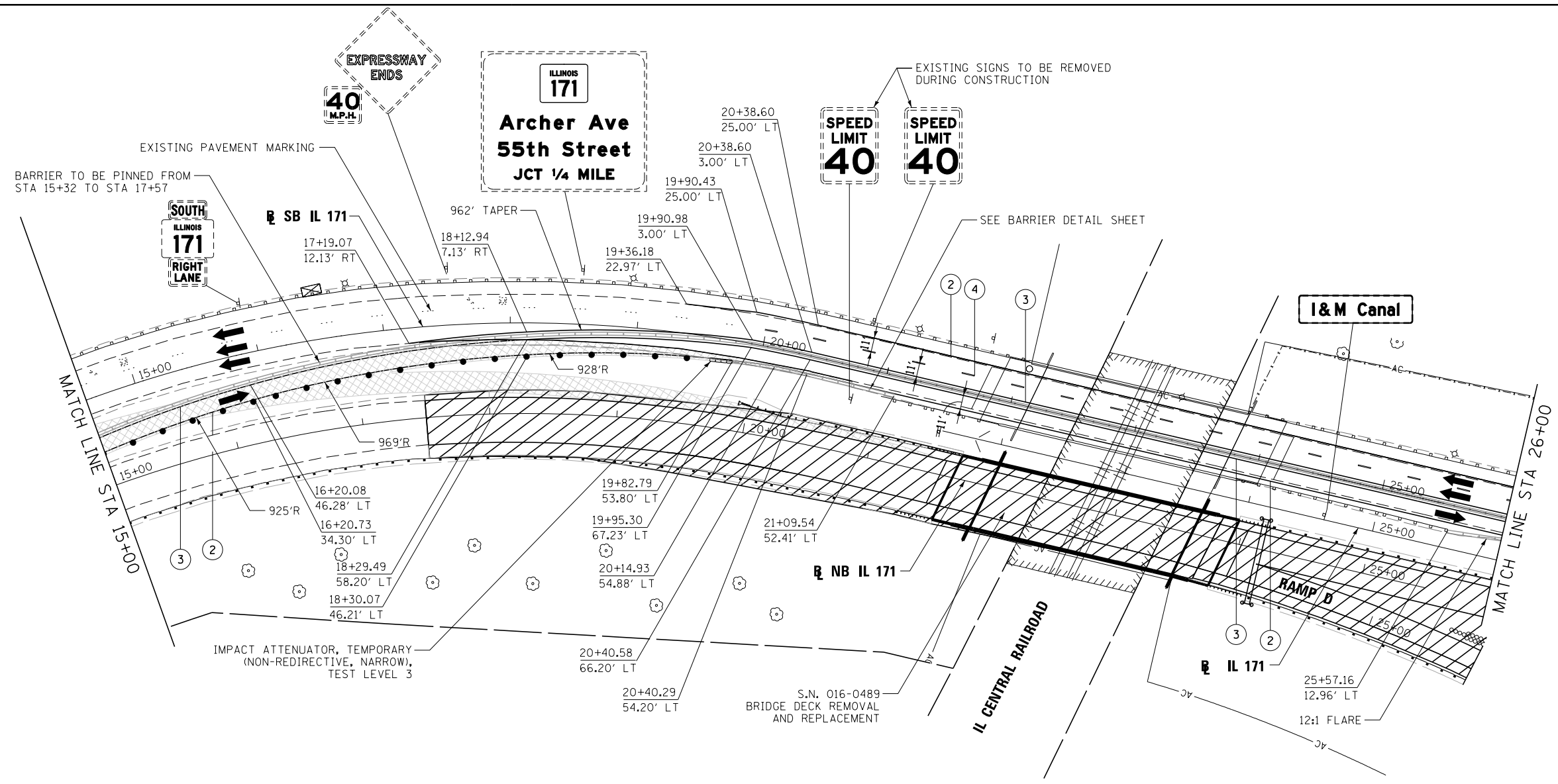
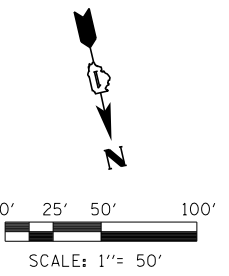


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**











**MAINTENANCE OF TRAFFIC
IL 171**

SCALE: 1"=50' SHEET 7 OF 17 SHEETS STA. TO STA. 15+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	66
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



LEGEND

-  WORK AREA
-  TEMPORARY PAVEMENT PLACED PREVIOUS CONTRACT
-  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
-  DIRECTION INDICATOR BARRICADES w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS

- ① WET REFLECTIVE TEMPORARY TAPE TY III - LETTERS AND SYMBOLS (WHITE)
- ② WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE)
- ③ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (YELLOW)
- ④ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE) (10' DASH, 30' SKIP)
- ⑤ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ⑥ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑦ WET REFLECTIVE TEMPORARY TAPE TY III - 8 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE TY III - 12 INCH (WHITE)

XXX
XXX
EXISTING SIGN

FILE NAME =	DESIGNED - KJD	REVISED -
...\\D160W75-shr-IL171-Mot-Stla-NB-02.dgn	DRAWN - TMB	REVISED -
USER NAME = kdoyle	CHECKED - JMM	REVISED -
PLOT DATE = 7/13/2015	DATE - 6/12/2015	REVISED -

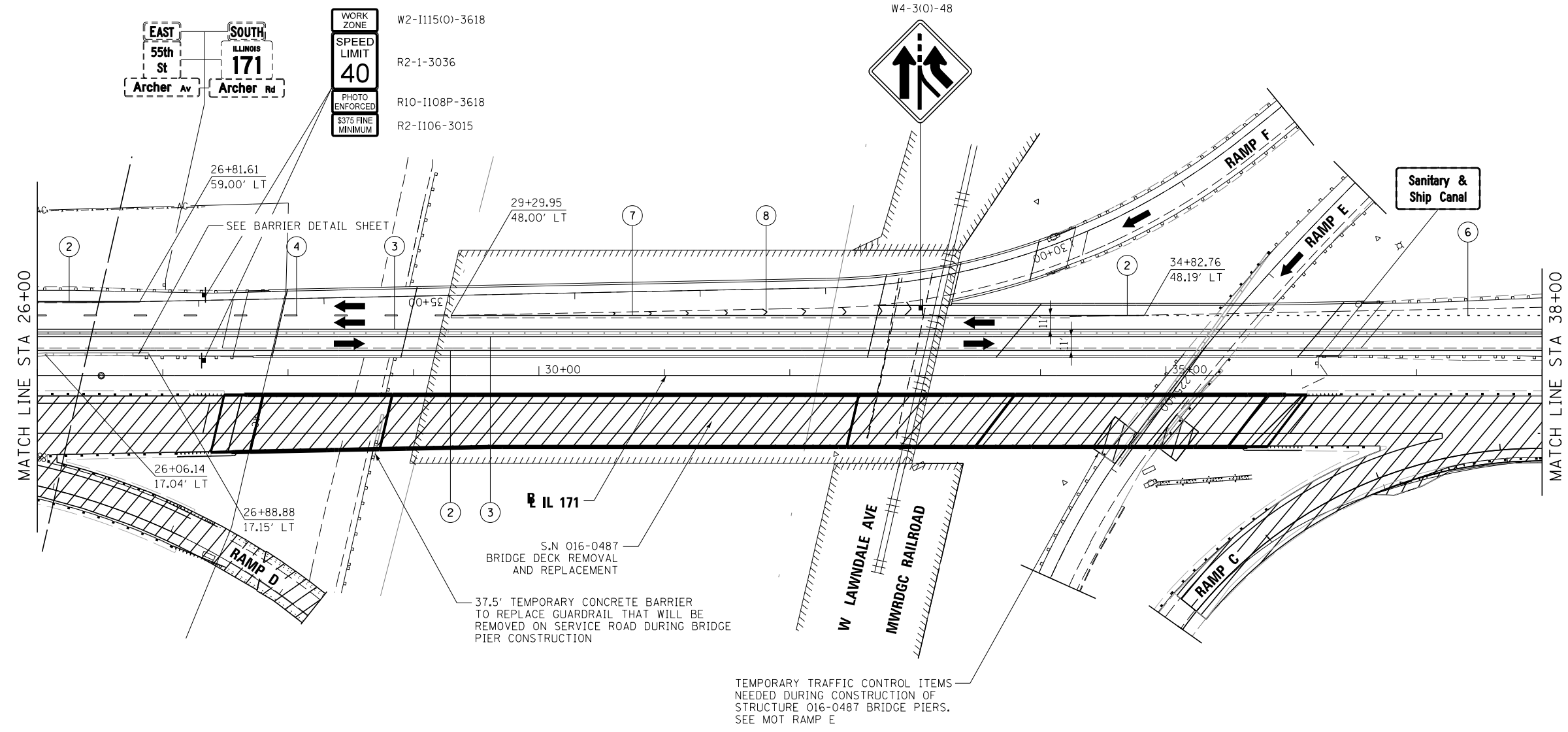
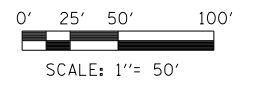
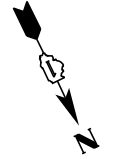


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**












**MAINTENANCE OF TRAFFIC
IL 171**

SCALE: 1"=50' SHEET 8 OF 17 SHEETS STA. 15+00.00 TO STA. 26+00.00

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	67
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



LEGEND

-  WORK AREA
-  TEMPORARY PAVEMENT PLACED PREVIOUS CONTRACT
-  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
-  DIRECTION INDICATOR BARRICADES w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
-  EXISTING SIGN

- ① WET REFLECTIVE TEMPORARY TAPE TY III - LETTERS AND SYMBOLS (WHITE)
- ② WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE)
- ③ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (YELLOW)
- ④ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE) (10' DASH, 30' SKIP)
- ⑤ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ⑥ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑦ WET REFLECTIVE TEMPORARY TAPE TY III - 8 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE TY III - 12 INCH (WHITE)

FILE NAME =	DESIGNED - KJD	REVISED -
...\\D160W75-shr-IL171-Mot-Stla-NB-03.dgn	DRAWN - TMB	REVISED -
USER NAME = kdoyle	CHECKED - JMM	REVISED -
PLOT DATE = 7/13/2015	DATE - 6/12/2015	REVISED -

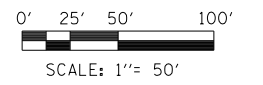


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
IL 171**

SCALE: 1"=50' SHEET 9 OF 17 SHEETS STA. 26+00.00 TO STA. 38+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	68
CONTRACT NO. 60W75				
ILLINOIS FED. AID PROJECT				



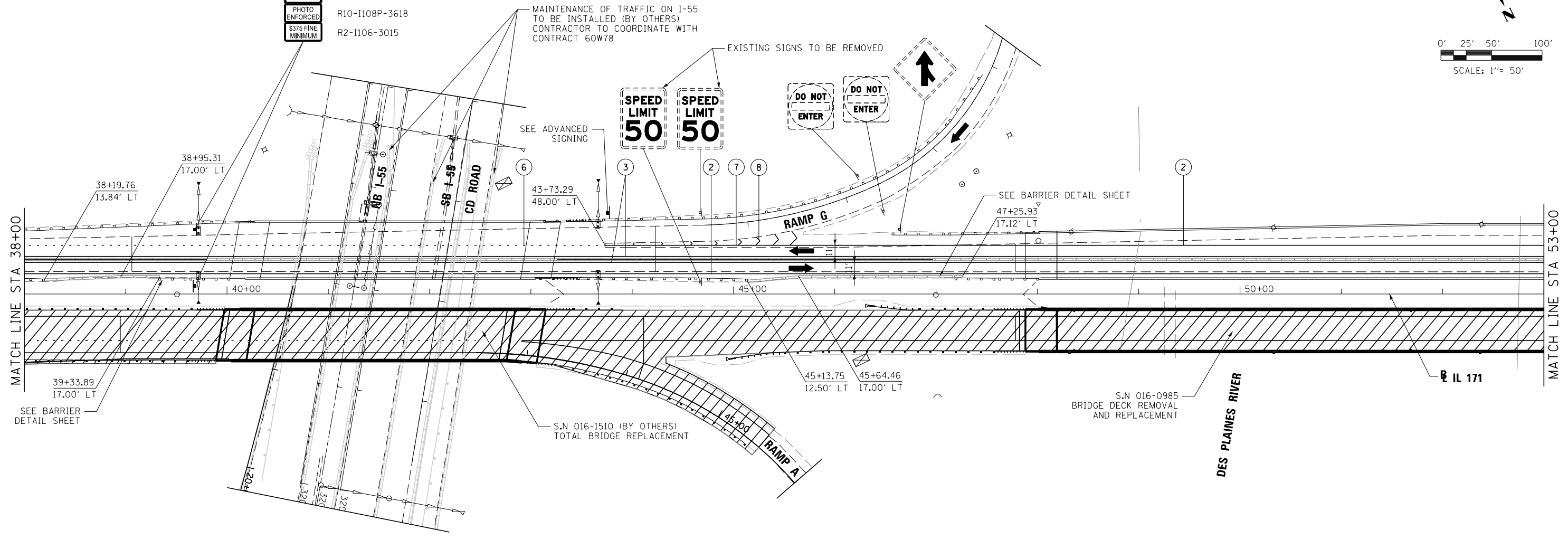
WORK ZONE	W2-1115(0)-3618
SPEED LIMIT	R2-1-3036
PHOTO ENFORCED	R10-1108P-3618
\$375 FINE MINIMUM	R2-1106-3015

MAINTENANCE OF TRAFFIC ON I-55 TO BE INSTALLED (BY OTHERS) CONTRACTOR TO COORDINATE WITH CONTRACT 60W78

EXISTING SIGNS TO BE REMOVED

SPEED LIMIT 50

DO NOT ENTER



MATCH LINE STA 38+00

MATCH LINE STA 53+00

39+33.89
17.00' LT
SEE BARRIER
DETAIL SHEET

38+95.31
17.00' LT

SEE ADVANCED
SIGNING

43+73.29
48.00' LT

SEE BARRIER
DETAIL SHEET

47+25.93
17.12' LT

S.N 016-1510 (BY OTHERS)
TOTAL BRIDGE REPLACEMENT

45+13.75
12.50' LT

45+64.46
17.00' LT

S.N 016-0985
BRIDGE DECK REMOVAL
AND REPLACEMENT

DES PLAINES RIVER

IL 171



W20-1103(0)-48



W3-2(0)-48



R1-2-48



ADVANCED SIGNING
RAMP G

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS CONTRACT
- 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
- DIRECTION INDICATOR BARRICADES w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- EXISTING SIGN

- ① WET REFLECTIVE TEMPORARY TAPE TY III - LETTERS AND SYMBOLS (WHITE)
- ② WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE)
- ③ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (YELLOW)
- ④ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE) (10' DASH, 30' SKIP)
- ⑤ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ⑥ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑦ WET REFLECTIVE TEMPORARY TAPE TY III - 8 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE TY III - 12 INCH (WHITE)

FILE NAME =	DESIGNED - KJD	REVISED -
...\\D160W75-shr-IL171-Mot-Stla-NB-04.dgn	DRAWN - TMB	REVISED -
USER NAME = kdoyle	CHECKED - JMM	REVISED -
PLOT DATE = 7/13/2015	DATE - 6/12/2015	REVISED -

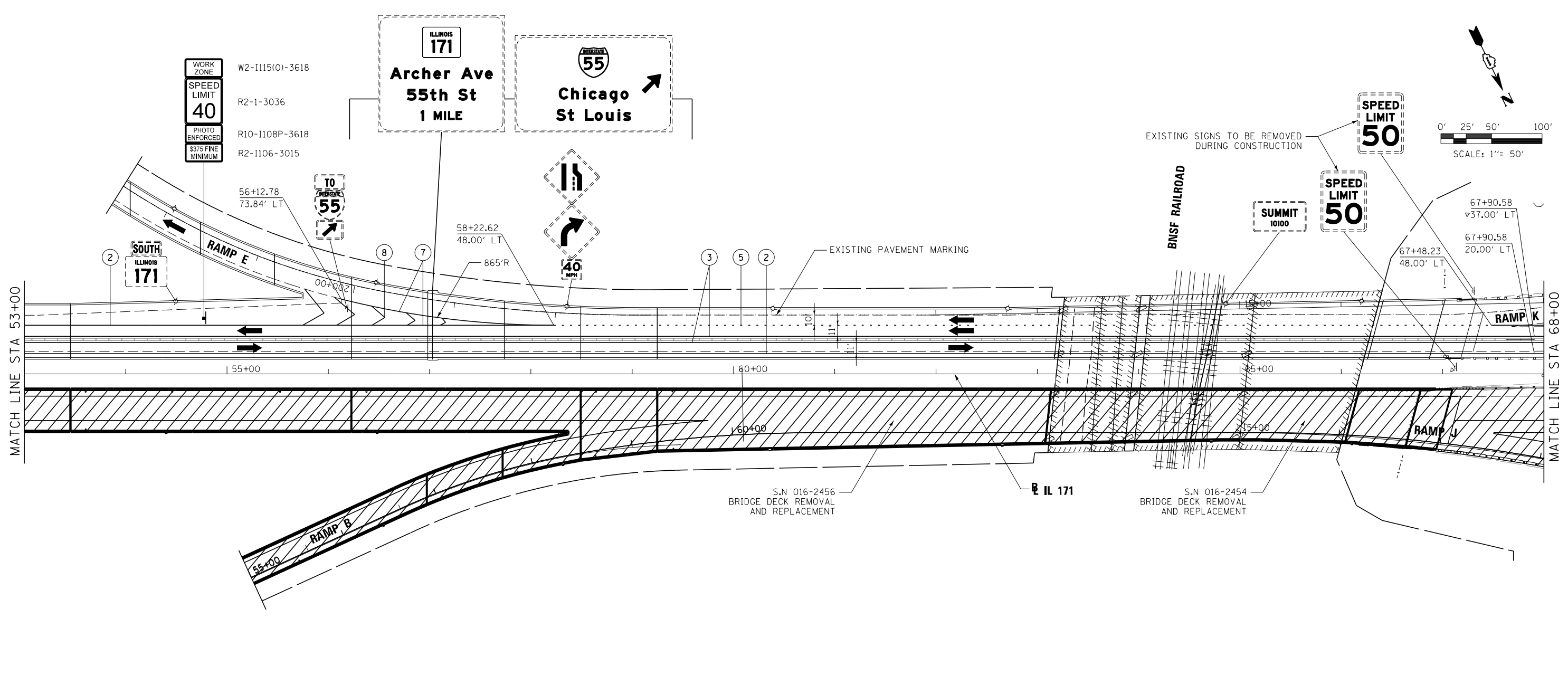


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION











MAINTENANCE OF TRAFFIC
IL 171

SCALE: 1"=50' SHEET 10 OF 17 SHEETS STA. 38+00.00 TO STA. 53+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	69
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



LEGEND

-  WORK AREA
-  TEMPORARY PAVEMENT PLACED PREVIOUS CONTRACT
-  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
-  DIRECTION INDICATOR BARRICADES w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS

- ① WET REFLECTIVE TEMPORARY TAPE TY III - LETTERS AND SYMBOLS (WHITE)
- ② WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE)
- ③ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (YELLOW)
- ④ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE) (10' DASH, 30' SKIP)
- ⑤ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
- ⑥ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP)
- ⑦ WET REFLECTIVE TEMPORARY TAPE TY III - 8 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE TY III - 12 INCH (WHITE)

XXX
XXX
EXISTING SIGN

FILE NAME =	DESIGNED - KJD	REVISED -
...\\D160W75-sh1-IL171-Mot-Stla-NB-05.dgn	DRAWN - TMB	REVISED -
USER NAME = kdoyle	CHECKED - JMM	REVISED -
PLOT DATE = 7/13/2015	DATE - 6/12/2015	REVISED -

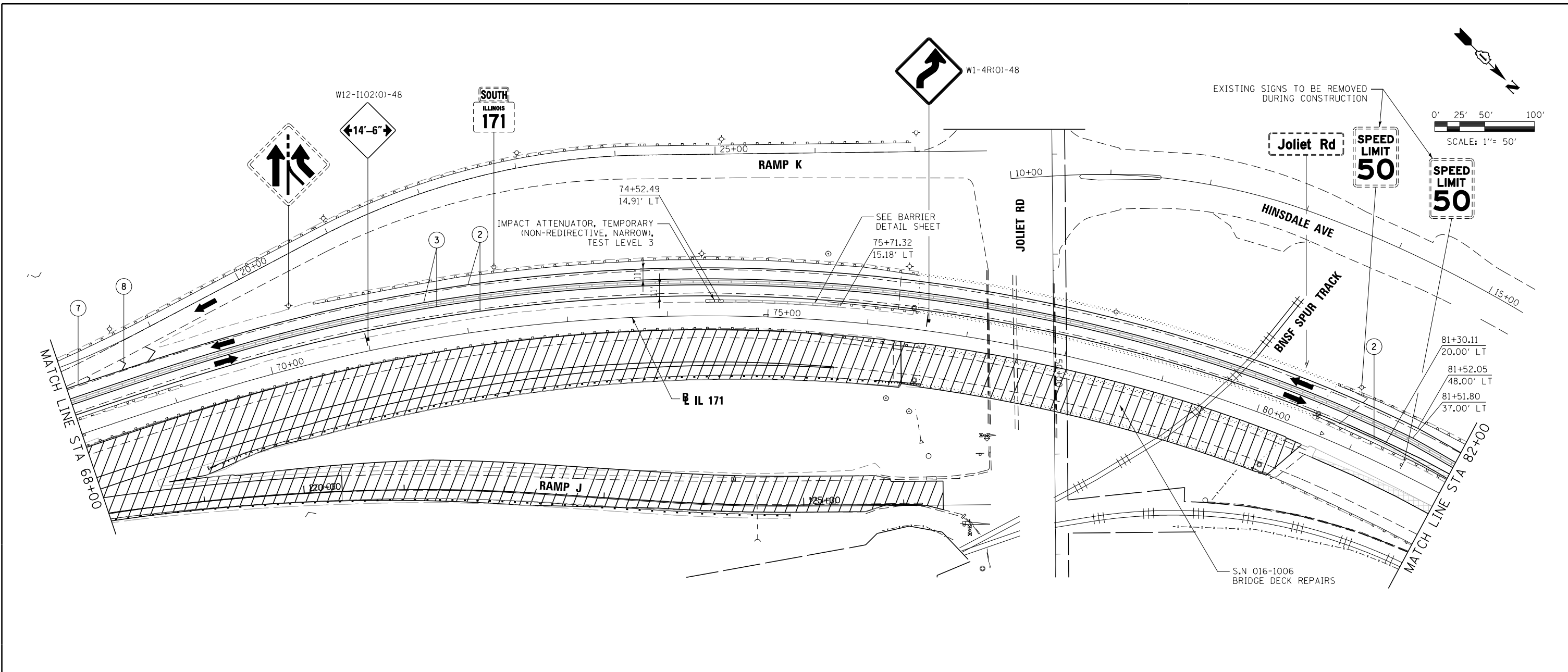


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
IL 171**

SCALE: 1"=50' SHEET 11 OF 17 SHEETS STA. 53+00.00 TO STA. 68+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	70
CONTRACT NO. 60W75				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- WORK AREA
 - TEMPORARY PAVEMENT PLACED PREVIOUS CONTRACT
 - 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
 - DIRECTION INDICATOR BARRICADES w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
 - EXISTING SIGN
- ① WET REFLECTIVE TEMPORARY TAPE TY III - LETTERS AND SYMBOLS (WHITE)
 - ② WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE)
 - ③ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (YELLOW)
 - ④ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE) (10' DASH, 30' SKIP)
 - ⑤ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
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 - ⑦ WET REFLECTIVE TEMPORARY TAPE TY III - 8 INCH (WHITE)
 - ⑧ WET REFLECTIVE TEMPORARY TAPE TY III - 12 INCH (WHITE)

FILE NAME =	DESIGNED - KJD	REVISED -
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USER NAME = kdoyle	CHECKED - JMM	REVISED -
PLOT DATE = 7/13/2015	DATE - 6/12/2015	REVISED -

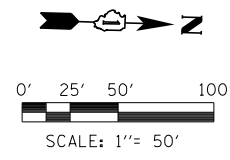


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

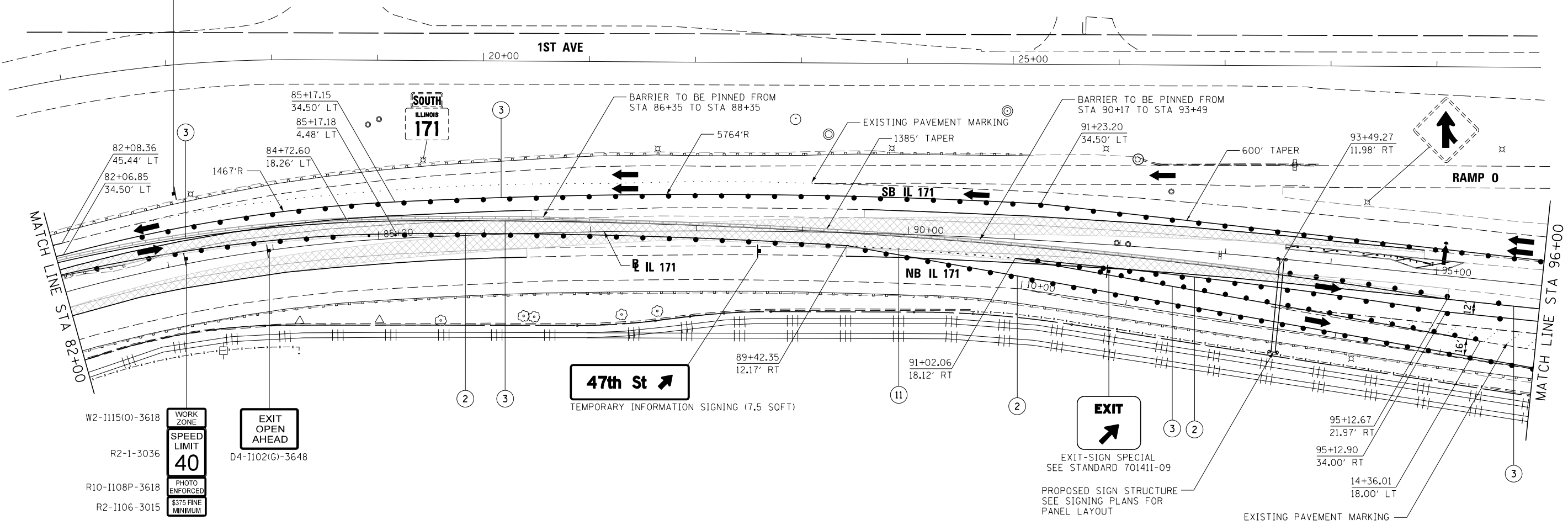
**MAINTENANCE OF TRAFFIC
IL 171**

SCALE: 1"=50' SHEET 12 OF 17 SHEETS STA. 68+00.00 TO STA. 82+00.00

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	71
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	






















WORK ZONE W2-I115(O)-3618
 SPEED LIMIT 40 R2-1-3036
 PHOTO ENFORCED R10-I108P-3618
 \$375 FINE MINIMUM R2-I106-3015



W2-I115(O)-3618 WORK ZONE
 R2-1-3036 SPEED LIMIT 40
 R10-I108P-3618 PHOTO ENFORCED
 R2-I106-3015 \$375 FINE MINIMUM

EXIT OPEN AHEAD
 D4-I102(G)-3648

LEGEND

-  WORK AREA
-  TEMPORARY PAVEMENT PLACED PREVIOUS CONTRACT
-  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
-  DIRECTION INDICATOR BARRICADES w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
-  EXISTING SIGN
-  ① WET REFLECTIVE TEMPORARY TAPE TY III - LETTERS AND SYMBOLS (WHITE)
-  ② WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE)
-  ③ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (YELLOW)
-  ④ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE) (10' DASH, 30' SKIP)
-  ⑤ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
-  ⑥ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP)
-  ⑦ WET REFLECTIVE TEMPORARY TAPE TY III - 8 INCH (WHITE)
-  ⑧ WET REFLECTIVE TEMPORARY TAPE TY III - 12 INCH (WHITE)

FILE NAME =	DESIGNED -	REVISED -
...\\D160W75-shr-IL171-Mot-Stla-NB-07.dgn	DRAWN -	REVISED -
USER NAME = kdogle	CHECKED -	REVISED -
PLOT DATE = 7/13/2015	DATE - 6/12/2015	REVISED -

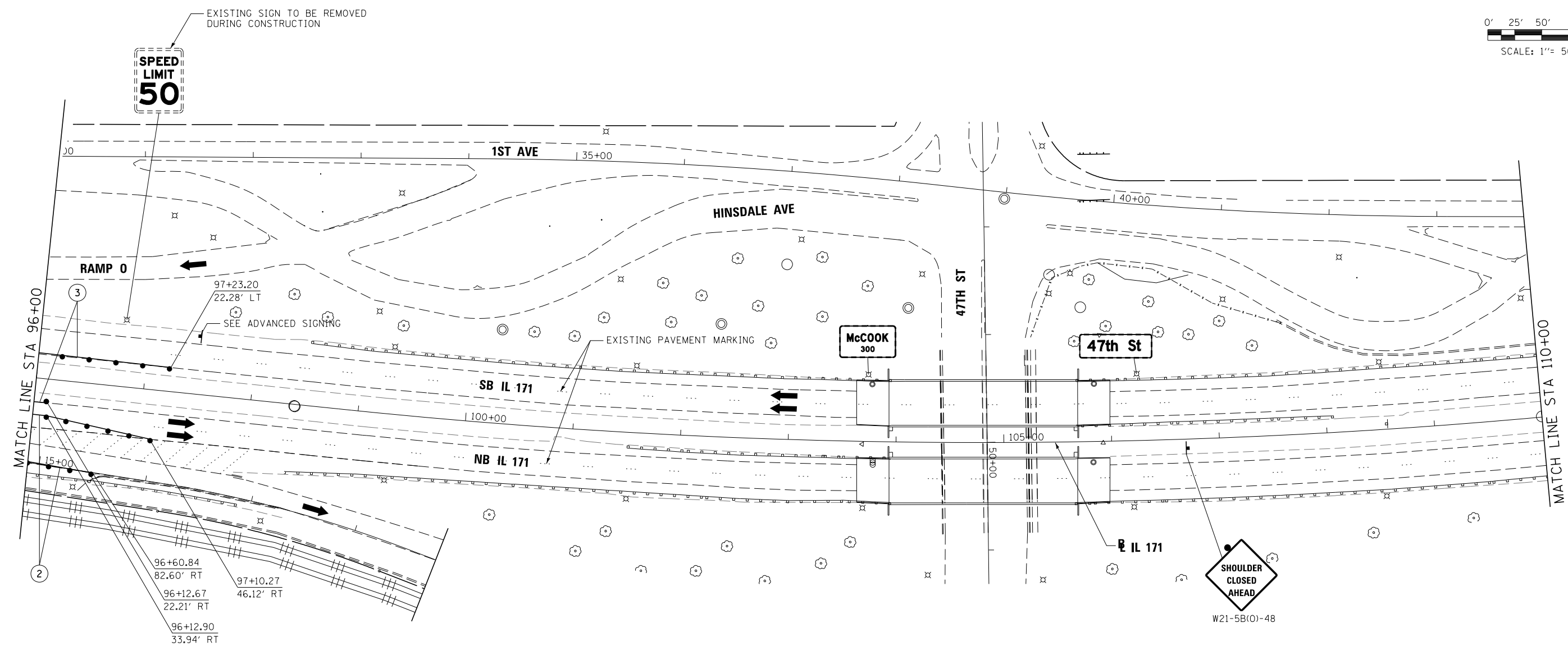
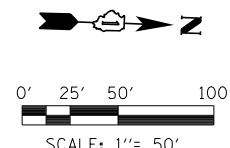


STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

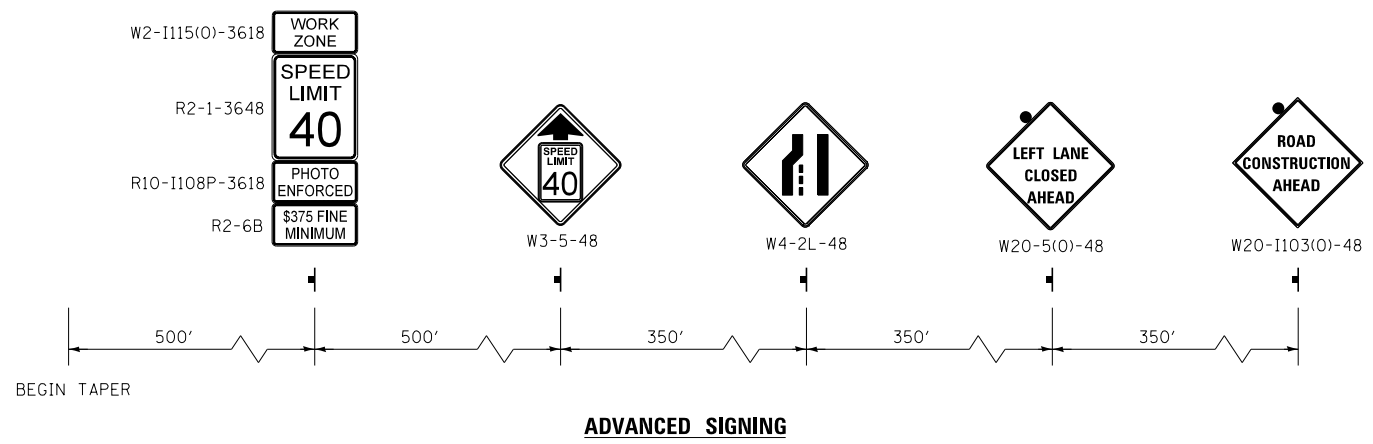
MAINTENANCE OF TRAFFIC
 IL 171

SCALE: SHEET 13 OF 17 SHEETS STA. 82+00.00 TO STA. 96+00.00

F.A.P. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	72
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



NOTE:
 CONTRACTOR TO REFER TO DISTRICT 1 STANDARD TC-22 FOR PLACEMENT AND QUANTITY OF TEMPORARY INFORMATION SIGNING.

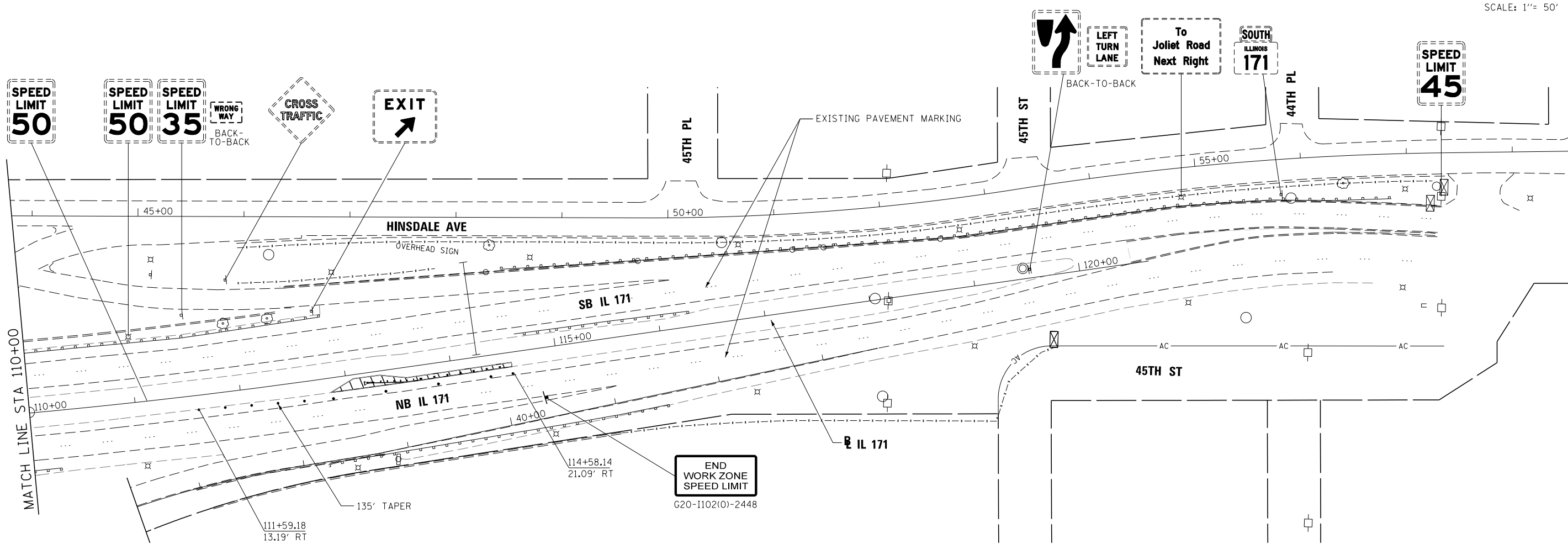
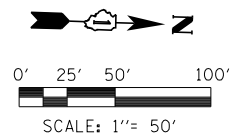


LEGEND












- WORK AREA
- TEMPORARY PAVEMENT PLACED PREVIOUS CONTRACT
- 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
- DIRECTION INDICATOR BARRICADES w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
- EXISTING SIGN

- ① WET REFLECTIVE TEMPORARY TAPE TY III - LETTERS AND SYMBOLS (WHITE)
- ② WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE)
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- ⑦ WET REFLECTIVE TEMPORARY TAPE TY III - 8 INCH (WHITE)
- ⑧ WET REFLECTIVE TEMPORARY TAPE TY III - 12 INCH (WHITE)

FILE NAME =	DESIGNED -	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC IL 171			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \D160W75-sh1-IL171-Mot-Stla-NB-08.dgn	DRAWN -	REVISED -						372/373	2013-037B-R	COOK	787	73
USER NAME = kdoyle	CHECKED -	REVISED -			CONTRACT NO. 60W75							
PLOT DATE = 7/13/2015	DATE - 6/12/2015	REVISED -			ILLINOIS FED. AID PROJECT							
SCALE:					SHEET 14 OF 17 SHEETS	STA. 96+00.00 TO STA. 110+00.00						



LEGEND

-  WORK AREA
 -  TEMPORARY PAVEMENT PLACED PREVIOUS CONTRACT
 -  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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 - ⑦ WET REFLECTIVE TEMPORARY TAPE TY III - 8 INCH (WHITE)
 - ⑧ WET REFLECTIVE TEMPORARY TAPE TY III - 12 INCH (WHITE)

FILE NAME =	DESIGNED -	REVISED -
...\\D160W75-sh1-IL171-Mot-Stla-NB-09.dgn	DRAWN -	REVISED -
USER NAME = kdoyle	CHECKED -	REVISED -
PLOT DATE = 7/13/2015	DATE - 6/12/2015	REVISED -

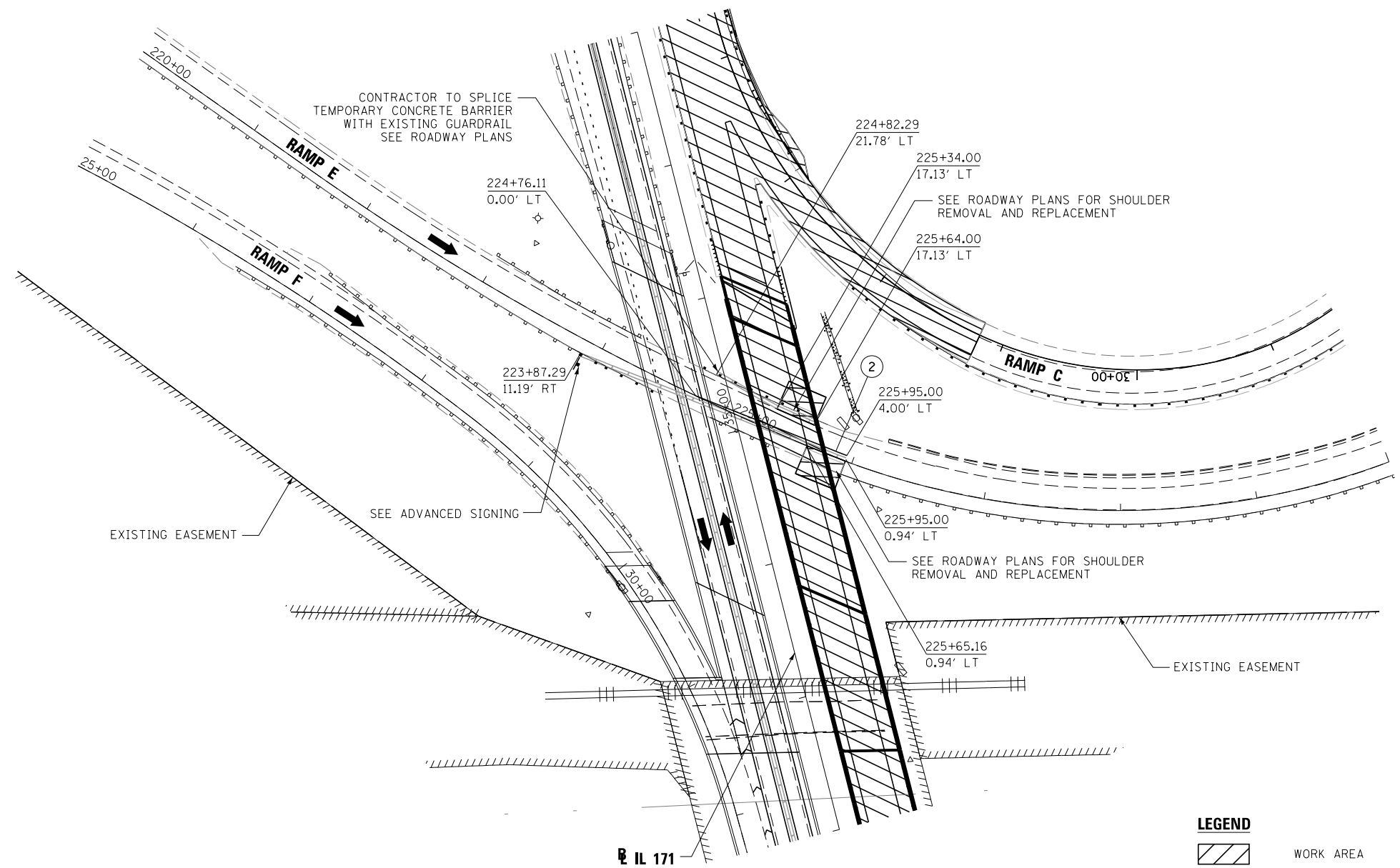
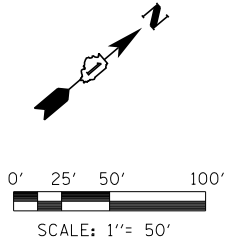


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

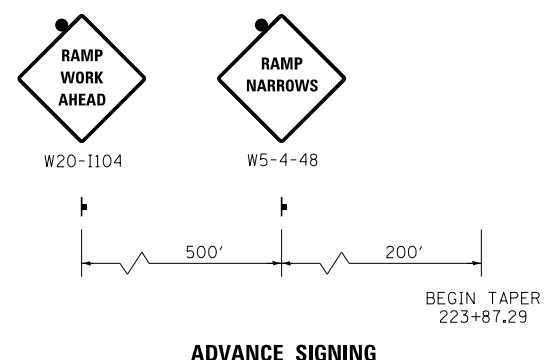
**MAINTENANCE OF TRAFFIC
IL 171**

SCALE: SHEET 15 OF 17 SHEETS STA. 110+00.00 TO STA. 120+65.86

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	74
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	

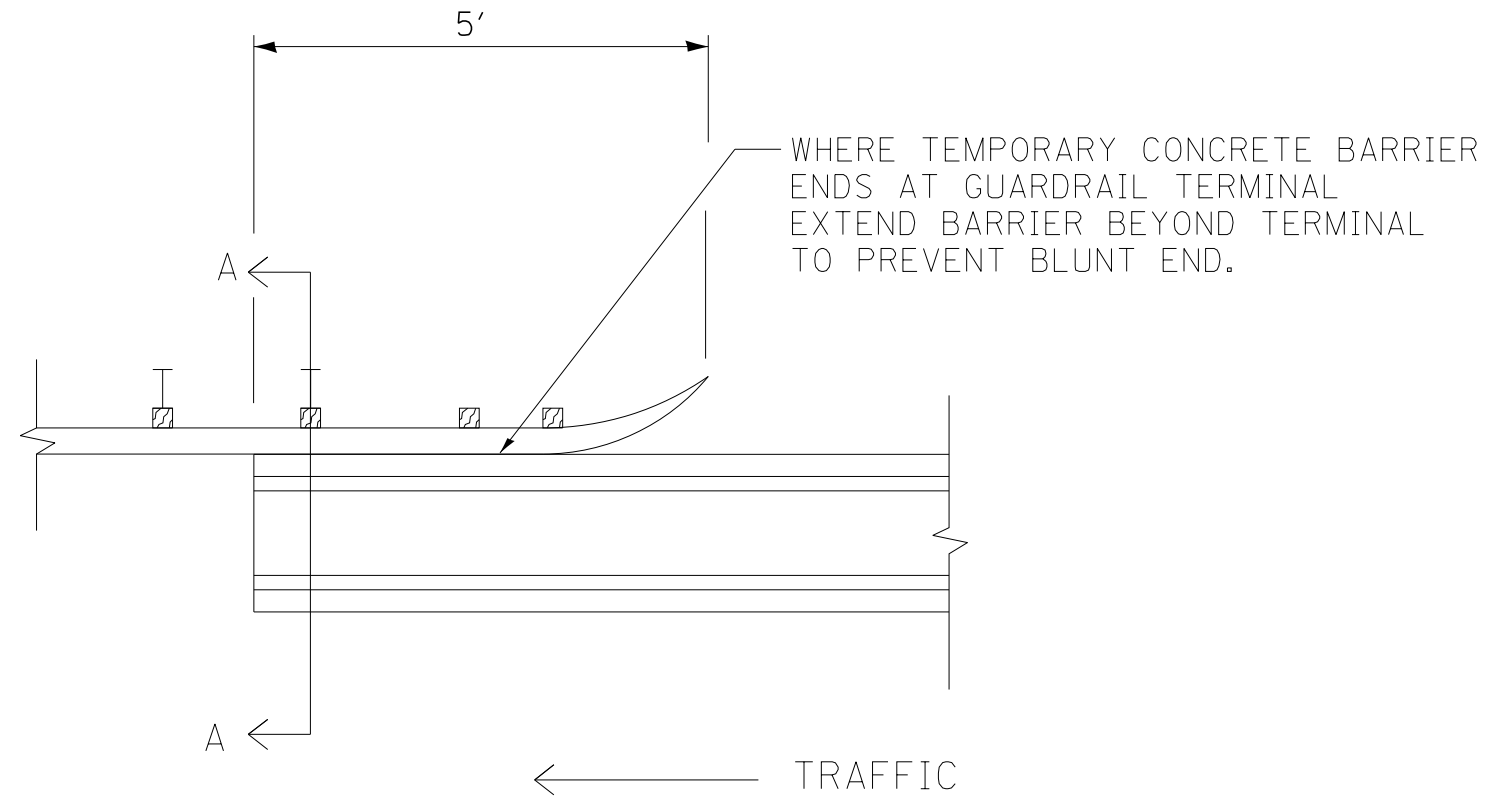


NOTE:
 TEMPORARY TRAFFIC CONTROL ITEMS NECESSARY DURING CONSTRUCTION OF STRUCTURE 016-0487 BRIDGE PIERS.
 WORK ON BRIDGE PIERS TO BE DONE AT SEPARATE TIMES TO MAINTAIN A MINIMUM 17.5' OPENING AT ALL TIMES.

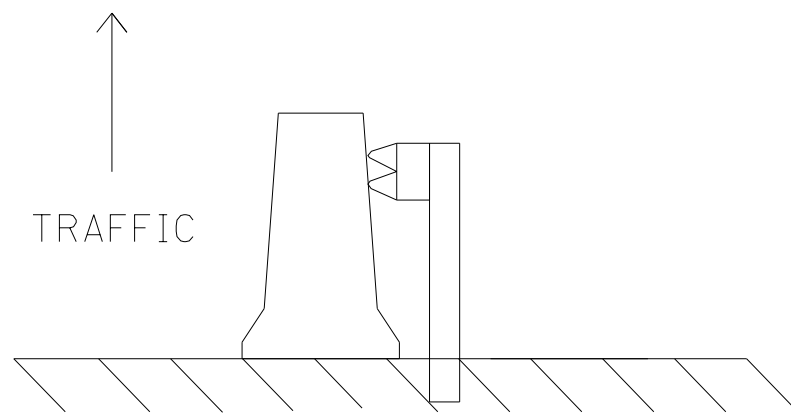


- LEGEND**
- WORK AREA
 - TEMPORARY PAVEMENT PLACED PREVIOUS CONTRACT
 - FLASHING ARROW BOARD
 - TRAFFIC LANE
 - TYPE III - BARRICADES
 - TEMPORARY SIGN
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
 - DIRECTION INDICATOR BARRICADES w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 20' CENTERS ON TAPERS
 - EXISTING SIGN
- ① WET REFLECTIVE TEMPORARY TAPE TY III - LETTERS AND SYMBOLS (WHITE)
 - ② WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE)
 - ③ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (YELLOW)
 - ④ WET REFLECTIVE TEMPORARY TAPE TY III - 4 INCH (WHITE) (10' DASH, 30' SKIP)
 - ⑤ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP) w/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER
 - ⑥ WET REFLECTIVE TEMPORARY TAPE TY III - 6 INCH (WHITE) (2' DASH, 6' SKIP)
 - ⑦ WET REFLECTIVE TEMPORARY TAPE TY III - 8 INCH (WHITE)
 - ⑧ WET REFLECTIVE TEMPORARY TAPE TY III - 12 INCH (WHITE)

FILE NAME =	DESIGNED -	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC RAMP E		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D160W75-sh1-IL171-Mot-Stla-NB-10-rampe.dgn	DRAWN -	REVISED -					372/373	2013-037B-R	COOK	787	75
USER NAME = kdoyle	CHECKED -	REVISED -			CONTRACT NO. 60W75						
PLOT DATE = 7/13/2015	DATE - 6/12/2015	REVISED -			SCALE:	SHEET 16 OF 17 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



PLAN VIEW



A-A

FILE NAME =	DESIGNED -	REVISED -
...\\D160W75-shr-MOT-Barrier Detail.dgn	DRAWN -	REVISED -
USER NAME = jmajewski	CHECKED -	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -










**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
BARRIER DETAIL**

- SHEET 17 OF 17 SHEETS STA. TO STA.

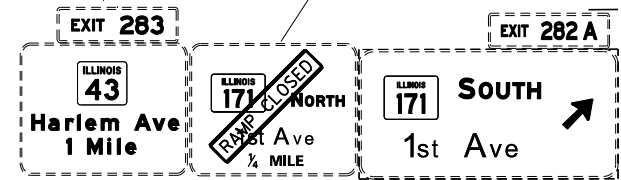
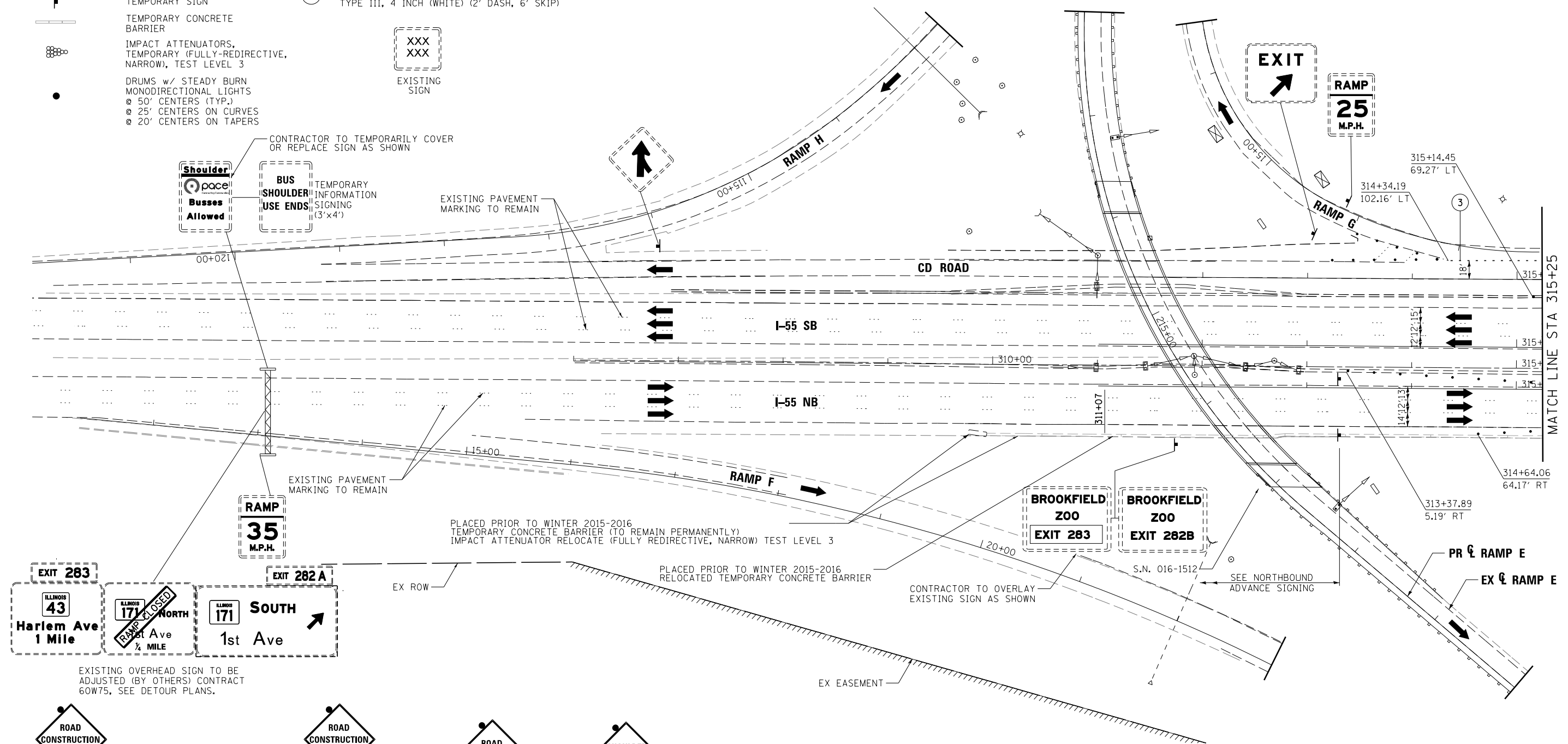
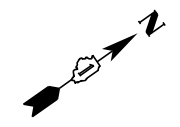
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	76
				CONTRACT NO. 60W75
ILLINOIS FED. AID PROJECT				

LEGEND:

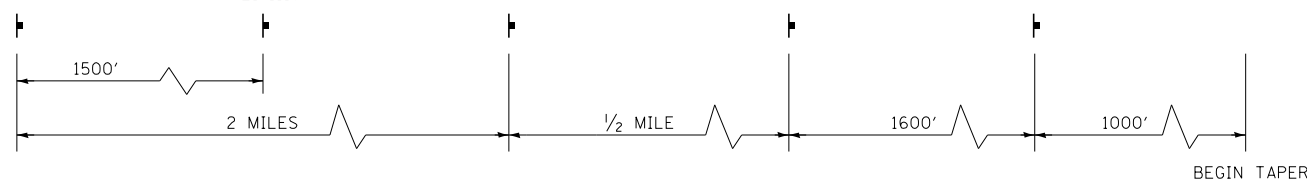
-  WORK AREA
-  TRAFFIC LANE
-  TYPE III BARRICADES
-  TEMPORARY SIGN
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 3
-  DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS
 - ⊙ 50' CENTERS (TYP.)
 - ⊙ 25' CENTERS ON CURVES
 - ⊙ 20' CENTERS ON TAPERS

- ① WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH (WHITE)
- ② WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH (YELLOW)
- ③ WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH (WHITE) (2' DASH, 6' SKIP)

XXX
XXX
EXISTING SIGN



EXISTING OVERHEAD SIGN TO BE ADJUSTED (BY OTHERS) CONTRACT 60W75, SEE DETOUR PLANS.




NORTHBOUND ADVANCE SIGNING

NOTES:

1. ALL ADVANCED SIGNING TO BE INSTALLED ON BOTH RIGHT AND LEFT SHOULDERS.
2. ALL SIGNAGE TO BE COORDINATED WITH CONTRACT 60W75.
3. CONTRACTOR TO FIELD MEASURE OVERLAY SIGN TO DETERMINE PROPER SIZE.

FOR INFORMATION ONLY

FILE NAME = ...\\D160W75-sh1-155-st1-01-F10.dgn	DESIGNED -	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC			F.A.P. R.T.E. = 372/373	SECTION = 2013-037B-R	COUNTY = COOK	TOTAL SHEETS = 787	SHEET NO. = 77
USER NAME = toddblank	DRAWN -	REVISED -						SCALE: 1"=50'	SHEET 1 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 60W75	
PLOT DATE = 6/17/2015	CHECKED -	REVISED -						ILLINOIS FED. AID PROJECT				
	DATE = 6/12/2015	REVISED -										

CONTRACTOR TO COORDINATE MAINTENANCE OF TRAFFIC OF CONTRACT 60W75 WITH THIS CONTRACT



TEMPORARY INFORMATION SIGNING (18'X9')

RAMP A CLOSED (BY OTHERS), CONTRACT 60W75. SEE 60W75 DETOUR PLANS, INCLUDED FOR INFORMATION ONLY

RELOCATE TEMPORARY CONCRETE BARRIER, STATE OWNED, FROM INITIAL CONDITIONS BETWEEN STA 317+54 AND STA 319+07

BEGIN TAPER
SIGN TO BE COVERED

SOUTHBOUND ADVANCE SIGNING

RAMP B CLOSED PER TC-08 (BY OTHERS), CONTRACT 60W75. SEE 60W75 DETOUR PLANS, INCLUDED FOR INFORMATION ONLY

- 316+66.90
117.45' LT
- 316+62.42
104.22' LT
- 316+66.97
91.07' LT
- 316+41.41
120.48' LT
- 316+41.51
87.89' LT
- 316+41.58
62.98' LT
- 316+10.89
84.87' LT
- 315+82.21
109.77' LT
- 315+36.49
114.61' LT

S.N. 016-1510

316+92.75
16.46' LT

316+79.90
59.49' LT

320+66.45
126.06' LT

320+15.35
120.07' LT

321+48.72
98.54' LT

323+88.23
136.04' LT

325+12.89
132.51' LT

MATCH LINE STA 315+25

315+31.04
3.18' RT

320+54.07
59.22' LT

321+46.20
15.56' LT

322+79.66
113.78' LT

323+97.13
65.73' LT

SEE SOUTHBOUND ADVANCE SIGNING

IMPACT ATTENUATOR TO BE RELOCATED FROM INITIAL CONDITIONS

317+14.95
16.39' RT

19+48.56
1.08' LT

321+76.50
1.95' RT

325+75.69
3.31' LT

RELOCATE TEMPORARY CONCRETE BARRIER, STATE OWNED, FROM PRE-STAGE LAYOUT

316+44.53
10.59' RT

316+56.05
9.69' LT

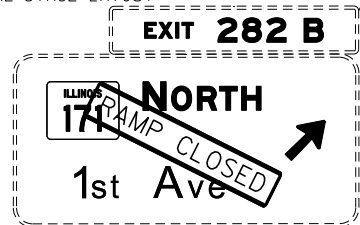
316+31.92
65.44' RT

318+11.80
57.72' RT

20+02.45
1.85' RT

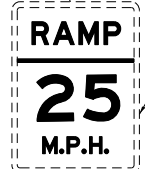
320+66.25
9.44' RT

320+26.31
16.57' RT



EXISTING OVERHEAD SIGN TO BE ADJUSTED (BY OTHERS) CONTRACT 60W75, SEE DETOUR PLANS.

RELOCATE TEMPORARY CONCRETE BARRIER, STATE OWNED, FROM INITIAL CONDITIONS BETWEEN STA 317+35 AND STA 318+50



SIGN TO BE COVERED

RAMP C CLOSED PER TC-08 (BY OTHERS), CONTRACT 60W75. SEE 60W75 DETOUR PLANS, INCLUDED FOR INFORMATION ONLY

RELOCATE TEMPORARY CONCRETE BARRIER, STATE OWNED, FROM INITIAL CONDITIONS BETWEEN STA 317+67 AND STA 319+20



EXISTING PAVEMENT MARKING TO REMAIN

NOTES

1. ALL ADVANCED SIGNING TO BE INSTALLED ON BOTH RIGHT AND LEFT SHOULDERS.
2. ALL SIGNAGE TO BE COORDINATED WITH CONTRACT 60W75.

LEGEND:

- WORK AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 3
- DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS
 - o 50' CENTERS (TYP.)
 - o 25' CENTERS ON CURVES
 - o 20' CENTERS ON TAPERS
- WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH (WHITE)
- WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH (YELLOW)
- WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH (WHITE) (2' DASH, 6' SKIP)
- EXISTING SIGN

FOR INFORMATION ONLY

FILE NAME =	DESIGNED -	REVISED -
... \D160W75-sh1-155-st1-02-F10.dgn	DRAWN -	REVISED -
USER NAME = toddblank	CHECKED -	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

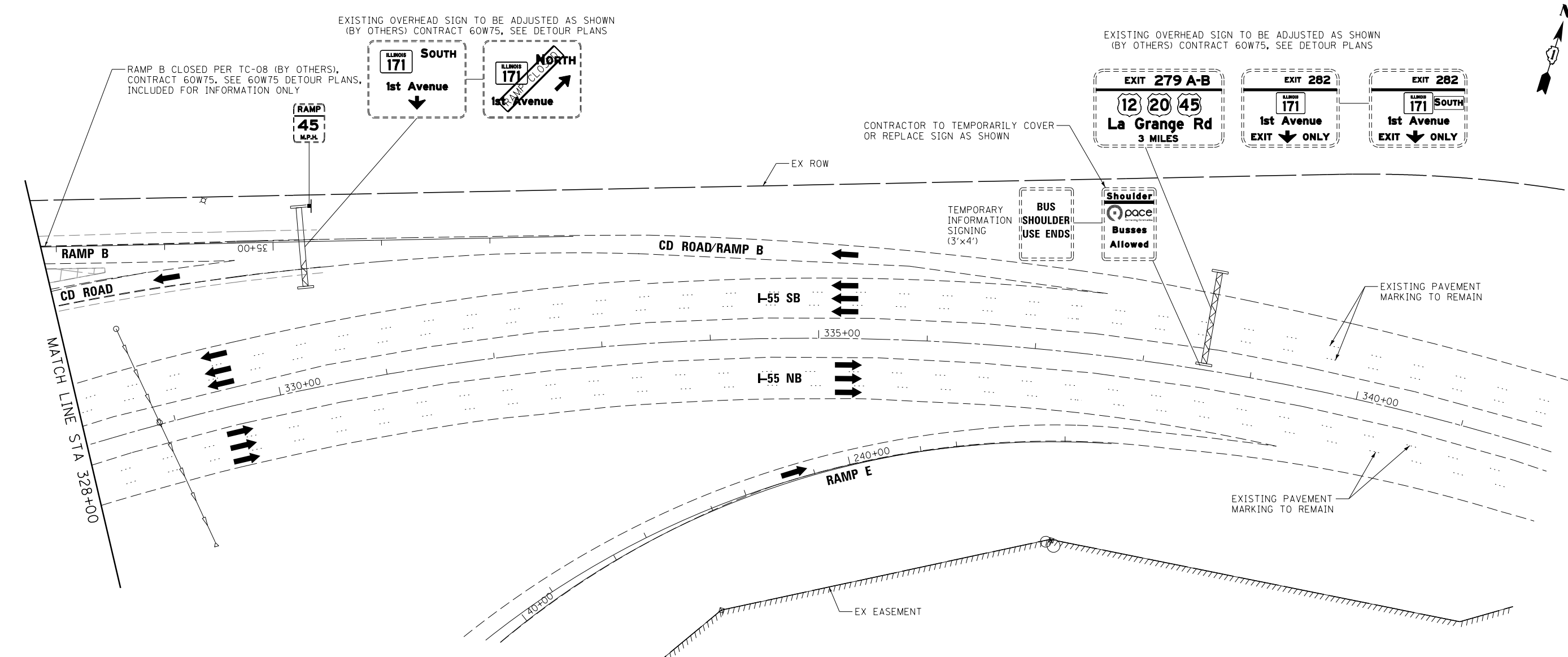


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	78
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



EXISTING OVERHEAD SIGN TO BE ADJUSTED AS SHOWN (BY OTHERS) CONTRACT 60W75, SEE DETOUR PLANS

EXISTING OVERHEAD SIGN TO BE ADJUSTED AS SHOWN (BY OTHERS) CONTRACT 60W75, SEE DETOUR PLANS

RAMP B CLOSED PER TC-08 (BY OTHERS), CONTRACT 60W75. SEE 60W75 DETOUR PLANS, INCLUDED FOR INFORMATION ONLY

CONTRACTOR TO TEMPORARILY COVER OR REPLACE SIGN AS SHOWN

TEMPORARY INFORMATION SIGNING (3'x4')

EXISTING PAVEMENT MARKING TO REMAIN

EXISTING PAVEMENT MARKING TO REMAIN

FOR INFORMATION ONLY

NOTES

1. ALL ADVANCED SIGNING TO BE INSTALLED ON BOTH RIGHT AND LEFT SHOULDERS.
2. ALL SIGNAGE TO BE COORDINATED WITH CONTRACT 60W75.

LEGEND

- WORK AREA
 - TRAFFIC LANE
 - TYPE III BARRICADES
 - TEMPORARY SIGN
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 3
 - DRUMS w/ STEADY BURN MONODIRECTIONAL LIGHTS @ 50' CENTERS (TYP.) @ 25' CENTERS ON CURVES @ 20' CENTERS ON TAPERS
 - EXISTING SIGN
- 1 WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH (WHITE)
 - 2 WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH (YELLOW)
 - 3 WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH (WHITE) (2' DASH, 6' SKIP)

FILE NAME =	DESIGNED -	REVISED -
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USER NAME = toddblank	CHECKED -	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC

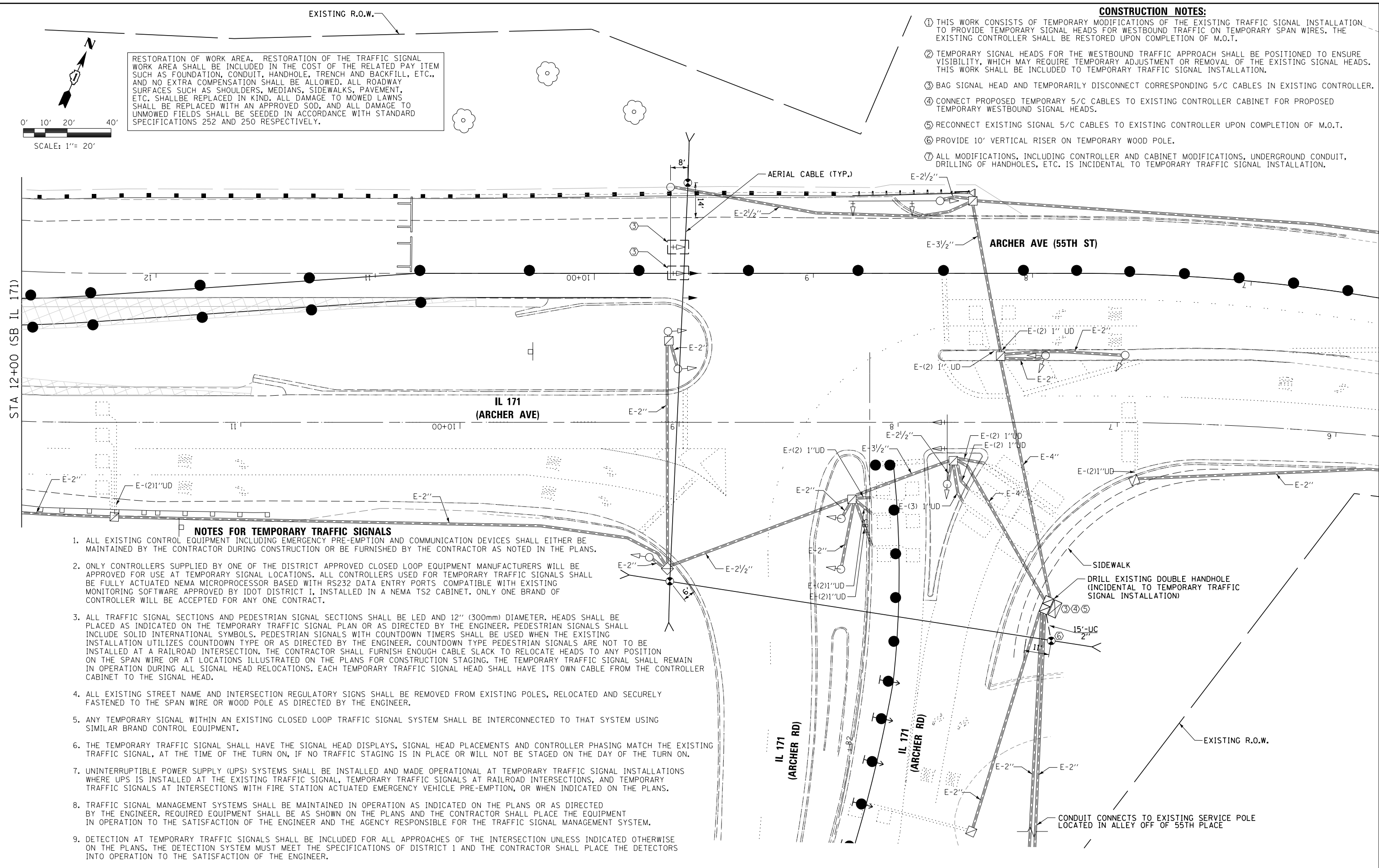
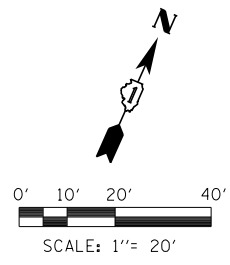
SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	79
CONTRACT NO. 60W75				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION NOTES:

- ① THIS WORK CONSISTS OF TEMPORARY MODIFICATIONS OF THE EXISTING TRAFFIC SIGNAL INSTALLATION TO PROVIDE TEMPORARY SIGNAL HEADS FOR WESTBOUND TRAFFIC ON TEMPORARY SPAN WIRES. THE EXISTING CONTROLLER SHALL BE RESTORED UPON COMPLETION OF M.O.T.
- ② TEMPORARY SIGNAL HEADS FOR THE WESTBOUND TRAFFIC APPROACH SHALL BE POSITIONED TO ENSURE VISIBILITY, WHICH MAY REQUIRE TEMPORARY ADJUSTMENT OR REMOVAL OF THE EXISTING SIGNAL HEADS. THIS WORK SHALL BE INCLUDED TO TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- ③ BAG SIGNAL HEAD AND TEMPORARILY DISCONNECT CORRESPONDING 5/C CABLES IN EXISTING CONTROLLER.
- ④ CONNECT PROPOSED TEMPORARY 5/C CABLES TO EXISTING CONTROLLER CABINET FOR PROPOSED TEMPORARY WESTBOUND SIGNAL HEADS.
- ⑤ RECONNECT EXISTING SIGNAL 5/C CABLES TO EXISTING CONTROLLER UPON COMPLETION OF M.O.T.
- ⑥ PROVIDE 10' VERTICAL RISER ON TEMPORARY WOOD POLE.
- ⑦ ALL MODIFICATIONS, INCLUDING CONTROLLER AND CABINET MODIFICATIONS, UNDERGROUND CONDUIT, DRILLING OF HANDHOLES, ETC. IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE COST OF THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL EXISTING CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES SHALL EITHER BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION OR BE FURNISHED BY THE CONTRACTOR AS NOTED IN THE PLANS.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1. INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. ALL TEMPORARY TRAFFIC SIGNALS SHALL MEET THE LATEST ITE LED TRAFFIC SIGNAL STANDARDS.

FILE NAME =	DESIGNED -	REVISED -
...\\D160W75-sh1-171IL-Tsig-01.dgn	DRAWN -	REVISED -
USER NAME = jmajewski	CHECKED -	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

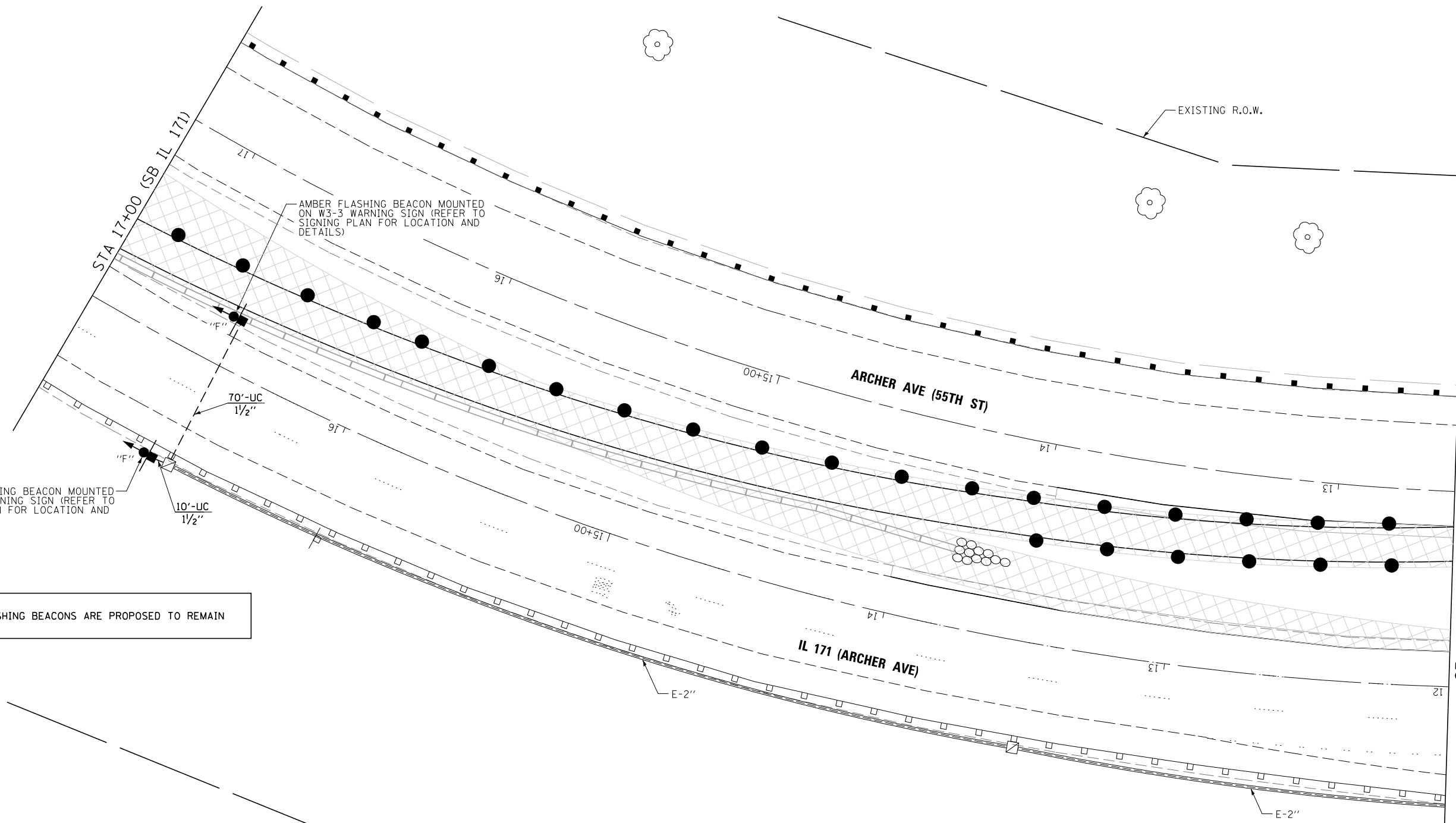
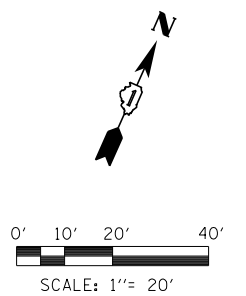


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION,
IL 171 (ARCHER ROAD) AT IL 171 /ARCHER AVENUE (55TH STREET)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	80
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	

SHEET 1 OF 5 SHEETS STA. TO STA.



AMBER FLASHING BEACON MOUNTED ON W3-3 WARNING SIGN (REFER TO SIGNING PLAN FOR LOCATION AND DETAILS)

AMBER FLASHING BEACON MOUNTED ON W3-3 WARNING SIGN (REFER TO SIGNING PLAN FOR LOCATION AND DETAILS)

FLASHING BEACONS ARE PROPOSED TO REMAIN

STA 12+00 (SB IL 171)
SEE TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN SHEET FOR CONTINUATION OF SYSTEM

LEGEND


UC - UNDERGROUND CONDUIT, GALVANIZED STEEL

FLASHING BEACON WORK - SCHEDULE OF QUANTITIES

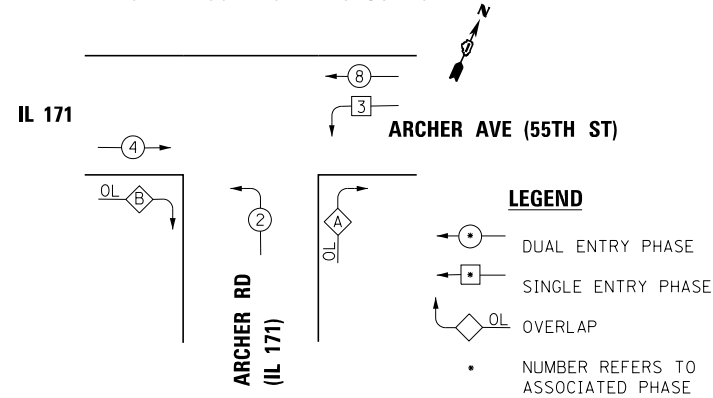
QTY.	UNIT	ITEM DESCRIPTION
80	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1/2" DIA.
1110	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 8 2C
110	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
2000	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE
2	EACH	POST MOUNTED FLASHING BEACON INSTALLATION

NOTES FOR PROPOSED FLASHING BEACONS

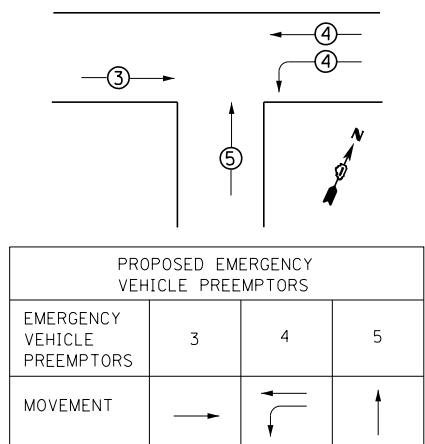
1. CONTRACTOR SHALL REMOVE THE EXISTING FLASHING BEACON INSTALLATION ON THE SOUTH SIDE OF IL-171 IN COORDINATION WITH THE PROPOSED SIGN REPLACEMENT AND PROPOSED FLASHING BEACON INSTALLATIONS. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR ANY SHORT TERM OUTAGES NECESSARY FOR CUTOVER.
2. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING FLASHING BEACON POWER CABLE (EXISTING GROUNDING CONDUCTOR SHALL REMAIN) BACK TO THE CONTROLLER CABINET AT THE INTERSECTION. SEE TEMPORARY CABLE PLAN FOR MORE DETAILS.
3. CONTRACTOR SHALL ROUTE POWER CABLES FROM MEDIAN FLASHING BEACON THROUGH EXISTING HANDHOLE AND THROUGH PROPOSED CONDUIT TO FLASHING BEACON CONTROLLER.
4. SPLICE PROPOSED GROUNDING CONDUCTOR TO EXISTING GROUNDING CONDUCTOR AT EXISTING HANDHOLE ADJACENT TO FLASHING BEACON.

FILE NAME = ...\\D160W75-sh1-171IL-Tsig-02.dgn	DESIGNED -	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED FLASHING BEACON INSTALLATION, IL 171 (ARCHER ROAD) AT IL 171 /ARCHER AVENUE (55TH STREET)	F.A.P. RTE. 372/373	SECTION 2013-037B-R	COUNTY COOK	TOTAL SHEETS 787	SHEET NO. 81			
USER NAME = jmajewski	CHECKED -	REVISED -				SHEET 2 OF 5 SHEETS	STA. TO STA.	CONTRACT NO. 60W75					
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -				ILLINOIS FED. AID PROJECT							

TEMPORARY CONTROLLER SEQUENCE

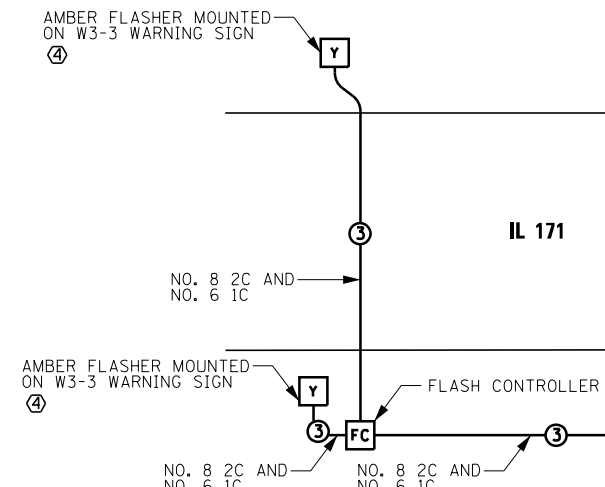
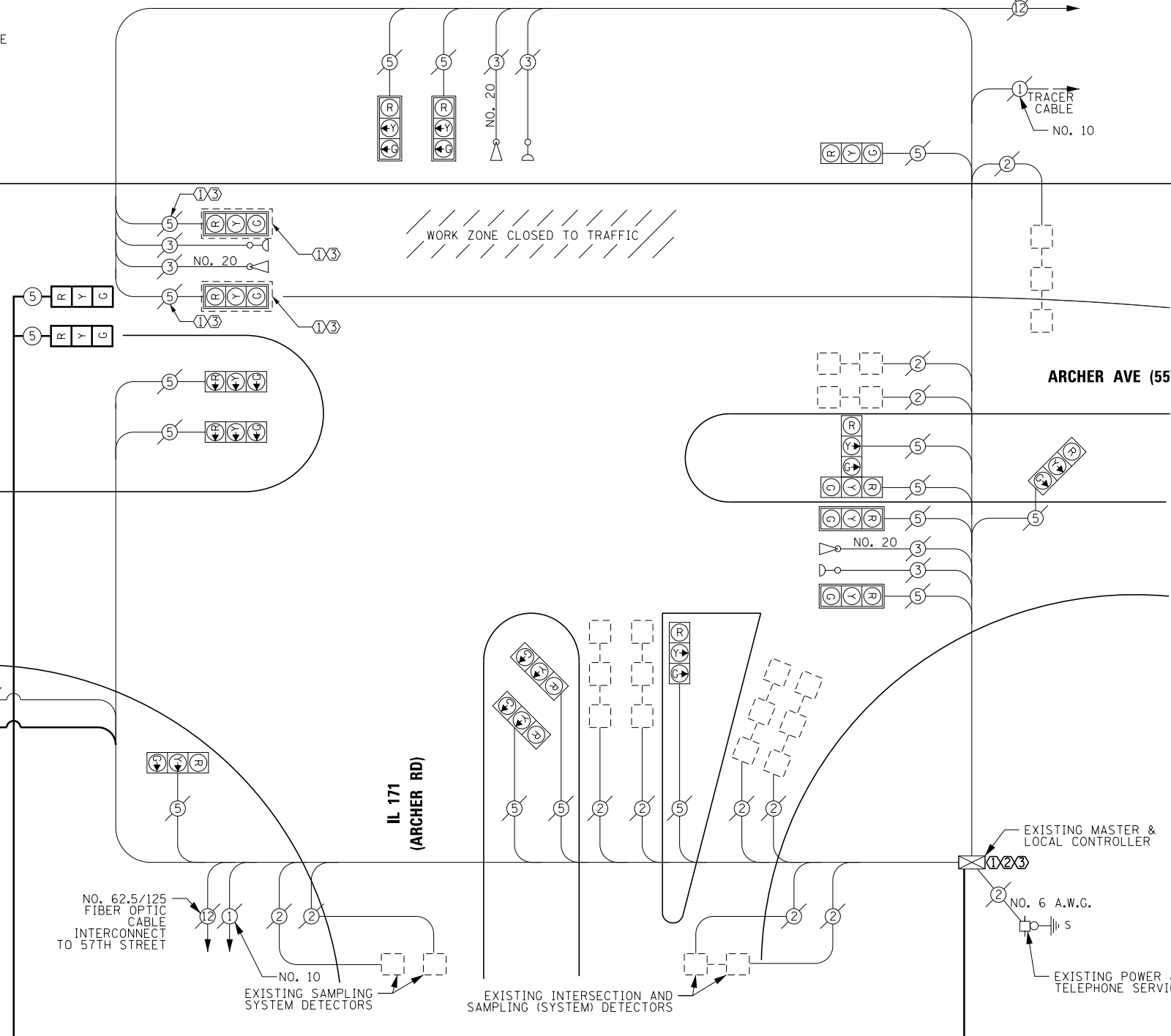


EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM (DURING M.O.T.)

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A =	2 +	3
B =	4 +	2



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	%OPERATION	
SIGNAL (RED)	16	-	17	0.50	136.00
(YELLOW)	8	-	25	0.25	50.00
(GREEN)	8	-	15	0.25	30.00
ARROW	20	-	12	0.10	24.00
PED. SIGNAL	-	-	25	1.00	-
CONTROLLER	1	-	100	1.00	100.00
ILLUM. SIGN	-	-	25	0.05	-
VIDEO SYSTEM	-	150	-	1.00	-
FLASHER	2	-	25	0.50	25.00
ENERGY COSTS TO:					TOTAL = 365.00

CONSTRUCTION NOTES:

- BAG SIGNAL HEAD AND TEMPORARILY DISCONNECT CORRESPONDING 5/C CABLES IN EXISTING CONTROLLER CABINET. SEE CONSTRUCTION NOTE 3.
- CONNECT PROPOSED TEMPORARY 5/C CABLES TO EXISTING CONTROLLER CABINET FOR PROPOSED TEMPORARY WESTBOUND SIGNAL HEADS.
- UPON COMPLETION OF MOT STAGE 1, DISCONNECT TEMPORARY 5/C CABLES AND RECONNECT EXISTING 5/C CABLES TO EXISTING CONTROLLER CABINET FOR WESTBOUND SIGNAL HEADS. REMOVE BAG FROM WESTBOUND SIGNAL HEADS.
- INSTALL PROPOSED FLASHING BEACONS TO REMAIN. SEE PROPOSED FLASHING BEACONS INSTALLATION PLAN SHEET.

NOTE:
THE EXISTING TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS INTERSECTION IS "ECONOLITE". THE PROPOSED TEMPORARY TRAFFIC SIGNAL WORK FOR THIS PROJECT INCLUDES MODIFICATION OF THE EXISTING CONTROLLER.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

TEMPORARY CABLE PLAN

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY CONTACT: _____
PHONE: _____
COMPANY: COMED

FILE NAME	DESIGNED	REVISED
...\\D160W75-sh-171IL-Tcable-01.dgn	-	-
USER NAME = jmajewski	CHECKED -	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CABLE PLAN,
PHASE DESIGNATION AND EVP SEQUENCE,
IL 171 (ARCHER ROAD) AT IL 171 /ARCHER AVENUE (55TH STREET)**

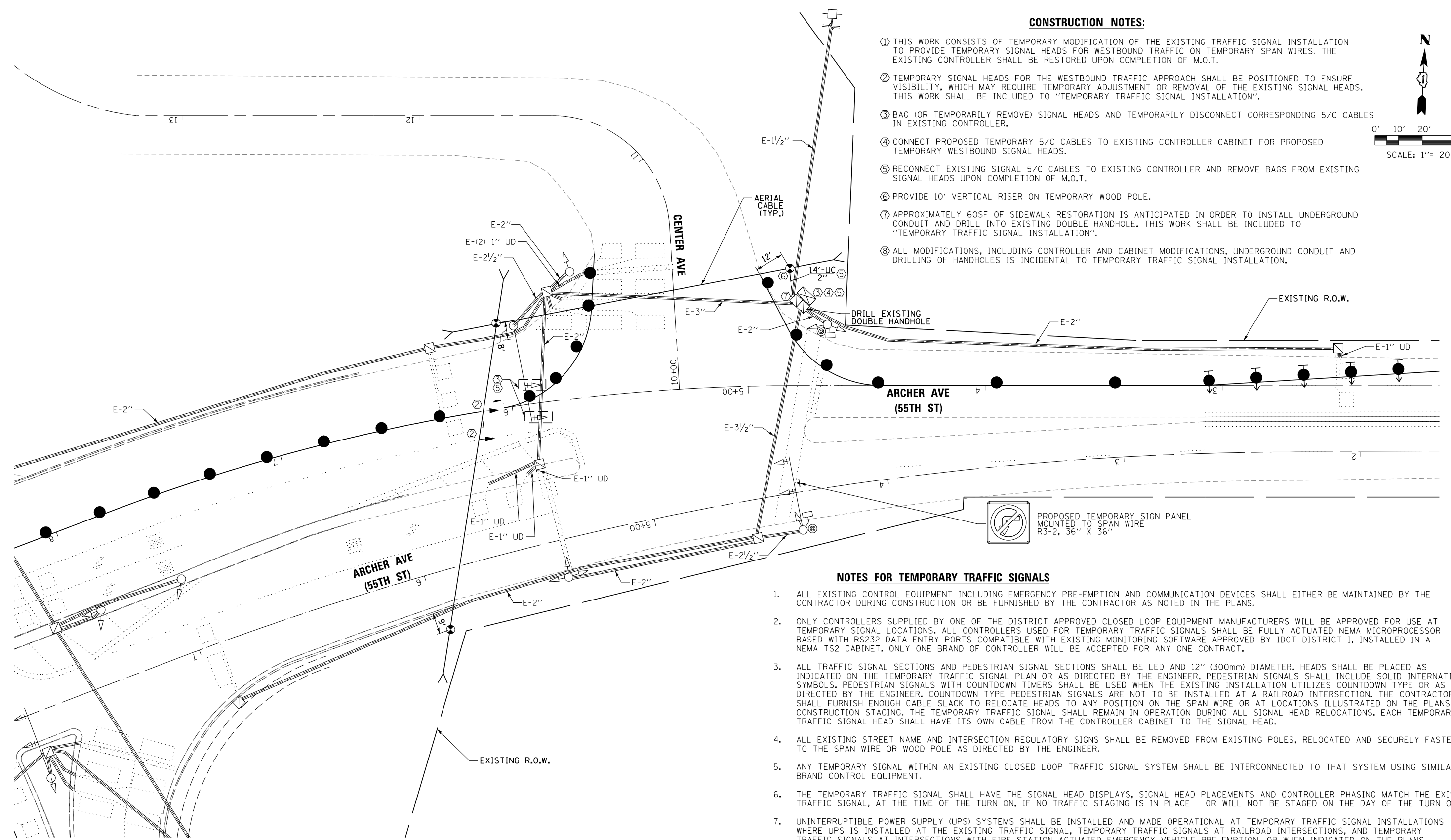
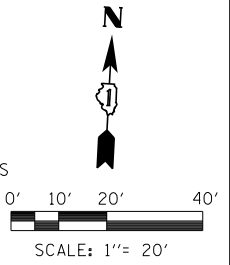
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	82
CONTRACT NO. 60W75				

SHEET 3 OF 5 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

CONSTRUCTION NOTES:

- ① THIS WORK CONSISTS OF TEMPORARY MODIFICATION OF THE EXISTING TRAFFIC SIGNAL INSTALLATION TO PROVIDE TEMPORARY SIGNAL HEADS FOR WESTBOUND TRAFFIC ON TEMPORARY SPAN WIRES. THE EXISTING CONTROLLER SHALL BE RESTORED UPON COMPLETION OF M.O.T.
- ② TEMPORARY SIGNAL HEADS FOR THE WESTBOUND TRAFFIC APPROACH SHALL BE POSITIONED TO ENSURE VISIBILITY, WHICH MAY REQUIRE TEMPORARY ADJUSTMENT OR REMOVAL OF THE EXISTING SIGNAL HEADS. THIS WORK SHALL BE INCLUDED TO "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- ③ BAG (OR TEMPORARILY REMOVE) SIGNAL HEADS AND TEMPORARILY DISCONNECT CORRESPONDING 5/C CABLES IN EXISTING CONTROLLER.
- ④ CONNECT PROPOSED TEMPORARY 5/C CABLES TO EXISTING CONTROLLER CABINET FOR PROPOSED TEMPORARY WESTBOUND SIGNAL HEADS.
- ⑤ RECONNECT EXISTING SIGNAL 5/C CABLES TO EXISTING CONTROLLER AND REMOVE BAGS FROM EXISTING SIGNAL HEADS UPON COMPLETION OF M.O.T.
- ⑥ PROVIDE 10' VERTICAL RISER ON TEMPORARY WOOD POLE.
- ⑦ APPROXIMATELY 60SF OF SIDEWALK RESTORATION IS ANTICIPATED IN ORDER TO INSTALL UNDERGROUND CONDUIT AND DRILL INTO EXISTING DOUBLE HANDHOLE. THIS WORK SHALL BE INCLUDED TO "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- ⑧ ALL MODIFICATIONS, INCLUDING CONTROLLER AND CABINET MODIFICATIONS, UNDERGROUND CONDUIT AND DRILLING OF HANDHOLES IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION.



NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL EXISTING CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES SHALL EITHER BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION OR BE FURNISHED BY THE CONTRACTOR AS NOTED IN THE PLANS.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL. TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. ALL TEMPORARY TRAFFIC SIGNALS SHALL MEET THE LATEST ITE LED TRAFFIC SIGNAL STANDARDS.

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE COST OF THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

FILE NAME =	DESIGNED -	REVISED -
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USER NAME = jmajewski	CHECKED -	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



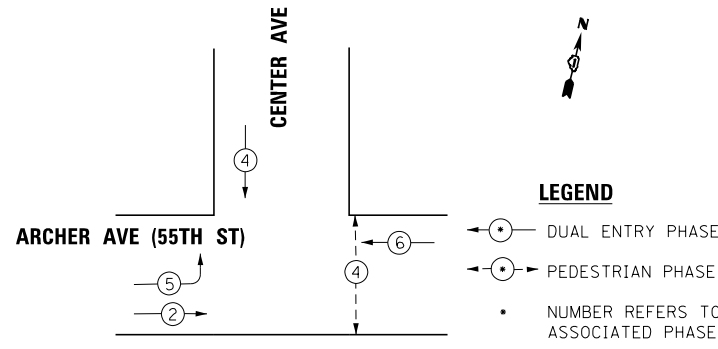
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION,
ARCHER AVENUE (55TH STREET) AT CENTER AVENUE**

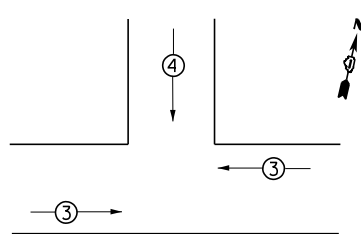
SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	83
CONTRACT NO. 60W75				
ILLINOIS FED. AID PROJECT				

TEMPORARY CONTROLLER SEQUENCE

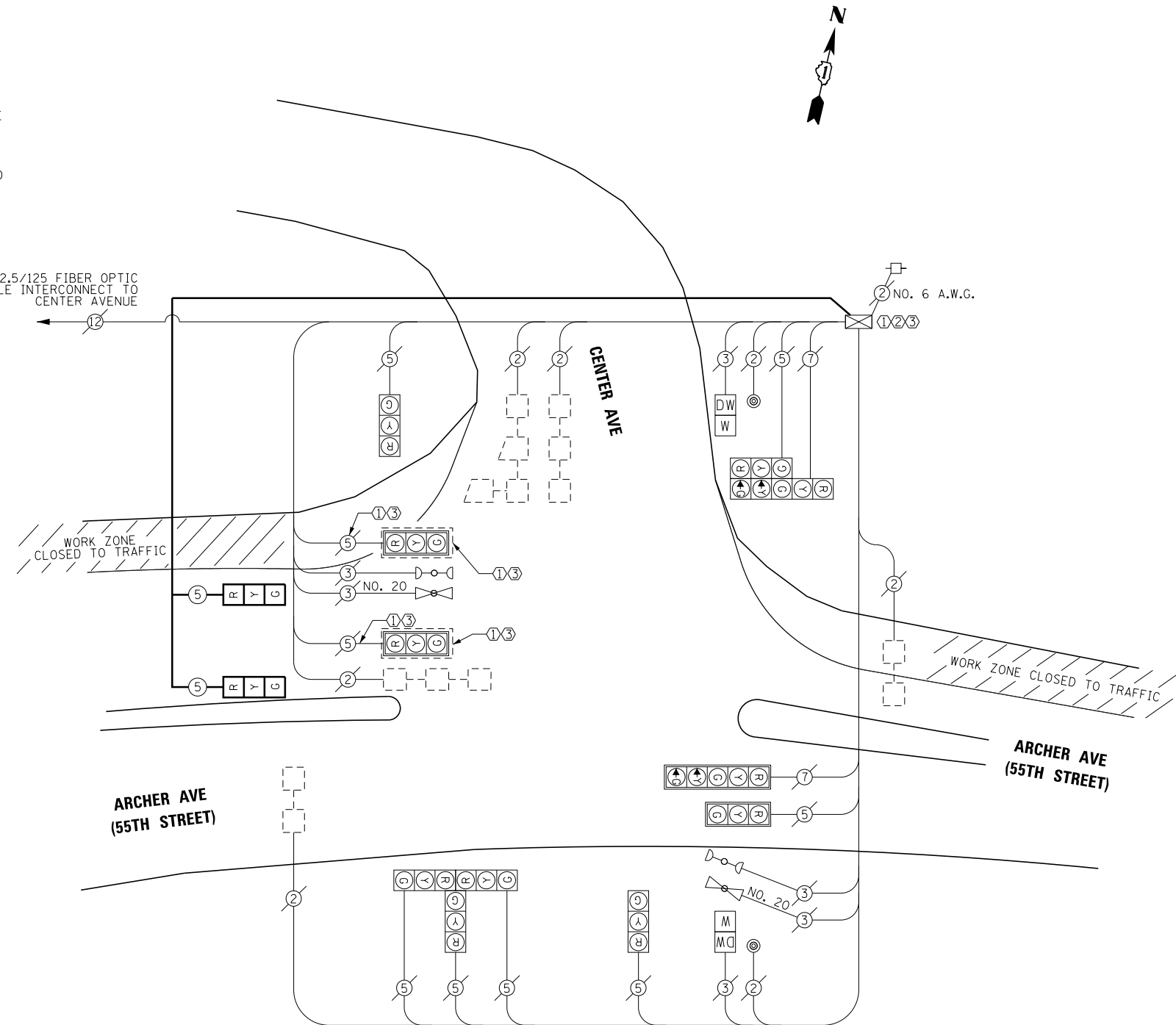


EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT	← →	↓

NO 62.5/125 FIBER OPTIC CABLE INTERCONNECT TO CENTER AVENUE



TEMPORARY CABLE PLAN

CONSTRUCTION NOTES:

- BAG SIGNAL HEADS AND TEMPORARILY DISCONNECT CORRESPONDING 5/C CABLES IN EXISTING CONTROLLER CABINET. SEE CONSTRUCTION NOTE 3.
- CONNECT PROPOSED TEMPORARY 5/C CABLES TO EXISTING CONTROLLER CABINET FOR PROPOSED TEMPORARY WESTBOUND SIGNAL HEADS.
- UPON COMPLETION OF MOT STAGE 1, DISCONNECT TEMPORARY 5/C CABLES AND RECONNECT EXISTING 5/C CABLES TO EXISTING CONTROLLER CABINET FOR WESTBOUND SIGNAL HEADS. REMOVE BAGS FROM WESTBOUND SIGNAL HEADS.

NOTE:
THE EXISTING TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS INTERSECTION IS "ECONOLITE". THE PROPOSED TEMPORARY TRAFFIC SIGNAL WORK FOR THIS PROJECT INCLUDES MODIFICATION OF THE EXISTING CONTROLLER.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	%OPERATION	
SIGNAL (RED)	13	-	17	0.50	110.50
(YELLOW)	13	-	25	0.25	81.25
(GREEN)	13	-	15	0.25	48.75
ARROW	4	-	12	0.10	4.80
PED. SIGNAL	2	-	25	1.00	50.00
CONTROLLER	1	-	100	1.00	100.00
ILLUM. SIGN	-	-	25	0.05	-
VIDEO SYSTEM	-	150	-	1.00	-
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 395.30

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: _____
PHONE: _____
COMPANY: COMED

FILE NAME =	DESIGNED -	REVISED -
...\\D160W75-shr-Arch-Center-Tcable-01.dgn	DRAWN -	REVISED -
USER NAME = jmajewski	CHECKED -	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN,
PHASE DESIGNATION AND EVP SEQUENCE,
ARCHER AVENUE (55TH STREET) AT CENTER AVENUE**

SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	84
CONTRACT NO. 60W75				ILLINOIS FED. AID PROJECT

TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE			
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE			
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA			
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED			
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F			
UNINTERRUPTABLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F			
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				UNDERGROUND CONDUIT, GALVANIZED STEEL (UC)				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM24F			
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM24F			
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE			
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM				STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM				ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED			
SIGNAL POST				REMOVE ITEM				STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED			
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM				SIGNAL POST AND FOUNDATION TO BE REMOVED			
GUY WIRE				ABANDON ITEM				INTERSECTION & SAMPLING (SYSTEM) DETECTOR			
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION				SAMPLING (SYSTEM) DETECTOR			
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				QUEUE DETECTOR			
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE				PERFORMED QUEUE DETECTOR			
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD				PERFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR			
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				"RB" INDICATES REFLECTIVE BACKPLATE				PERFORMED SAMPLING (SYSTEM) DETECTOR			
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL							
PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED							
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID							
ILLUMINATED SIGN "NO LEFT TURN"				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER							
ILLUMINATED SIGN "NO RIGHT TURN"				RADIO INTERCONNECT							
DETECTOR LOOP, TYPE I				RADIO REPEATER							
PERFORMED DETECTOR LOOP				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED							
MICROWAVE VEHICLE SENSOR				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)							
VIDEO DETECTION CAMERA											
VIDEO DETECTION ZONE											
PAN, TILT, ZOOM CAMERA											
WIRELESS DETECTOR SENSOR											
WIRELESS ACCESS POINT											

RAILROAD SYMBOLS

	EXISTING	PROPOSED
RAILROAD CONTROL CABINET		
RAILROAD CANTILEVER MAST ARM		
FLASHING SIGNAL		
CROSSING GATE		
CROSSBUCK		

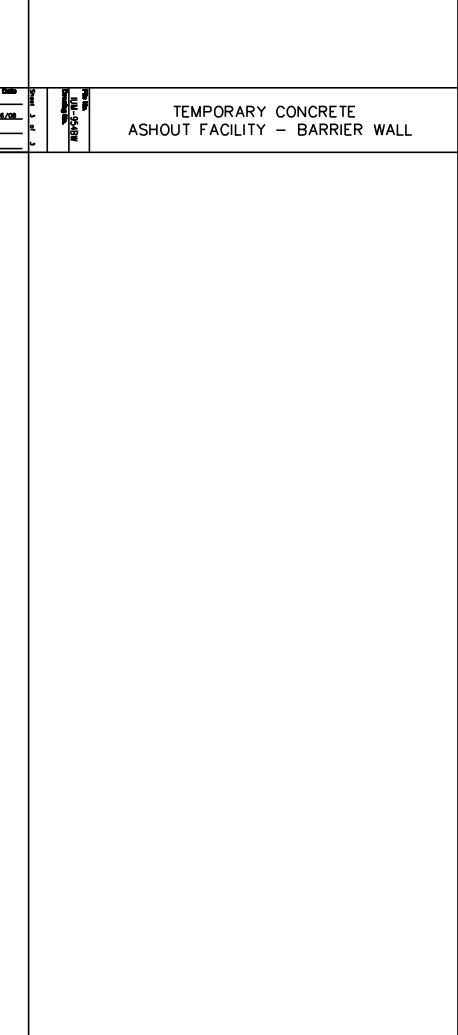
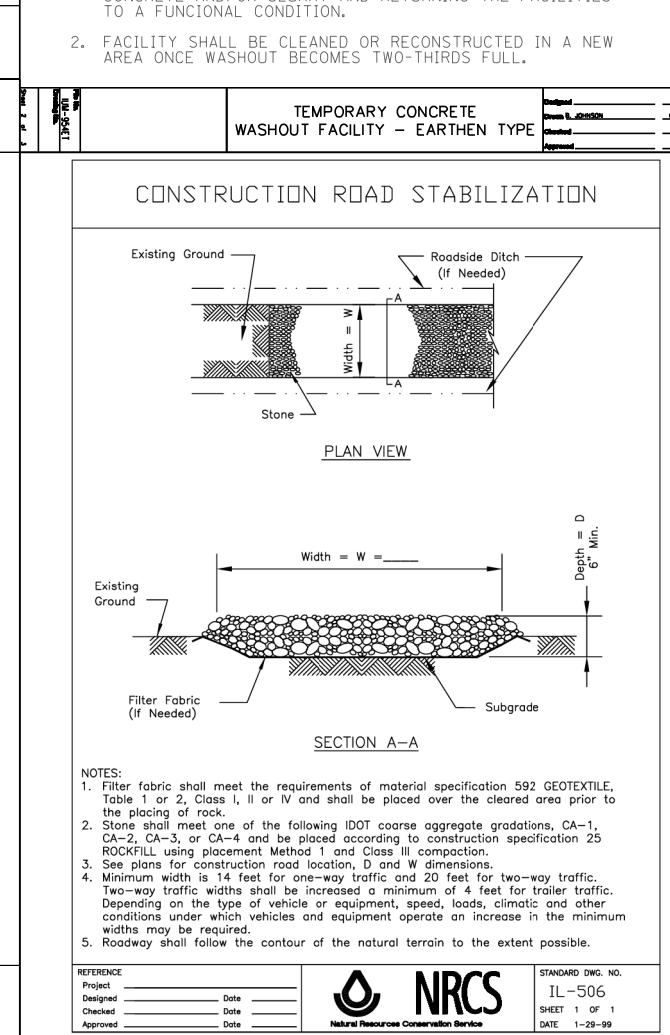
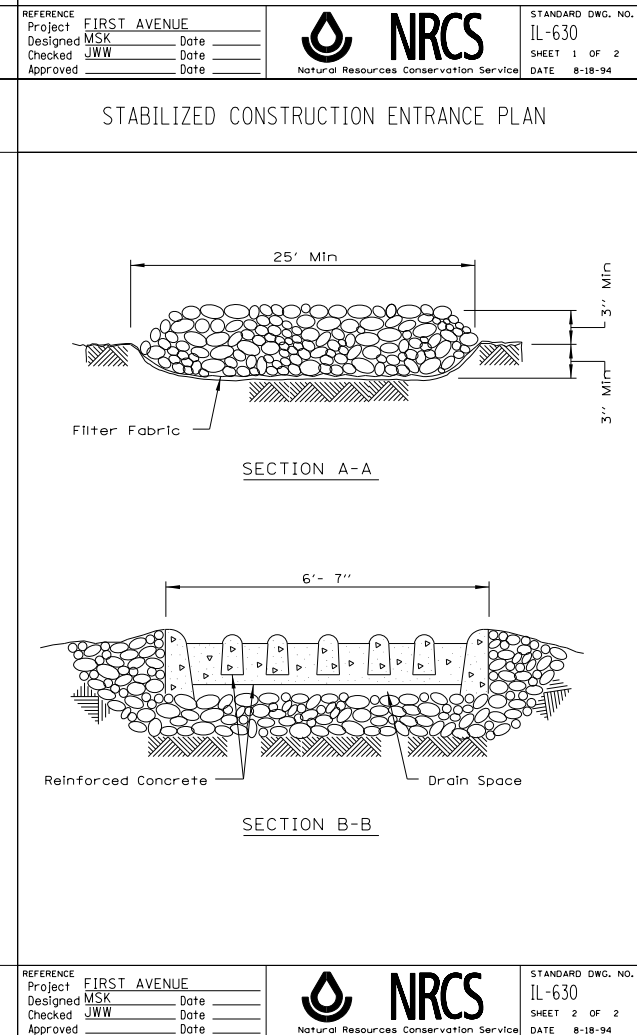
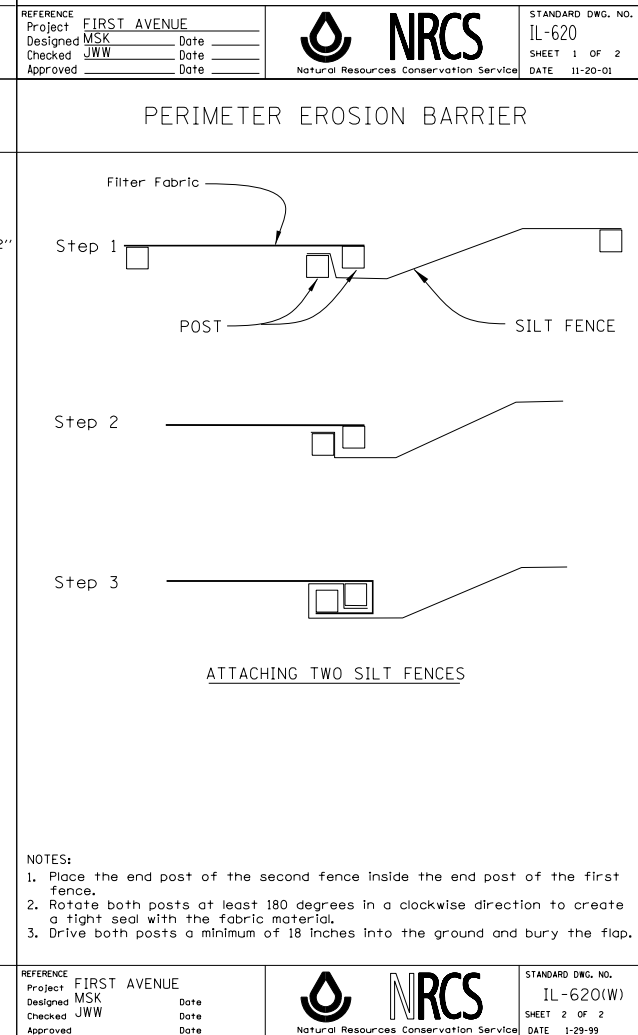
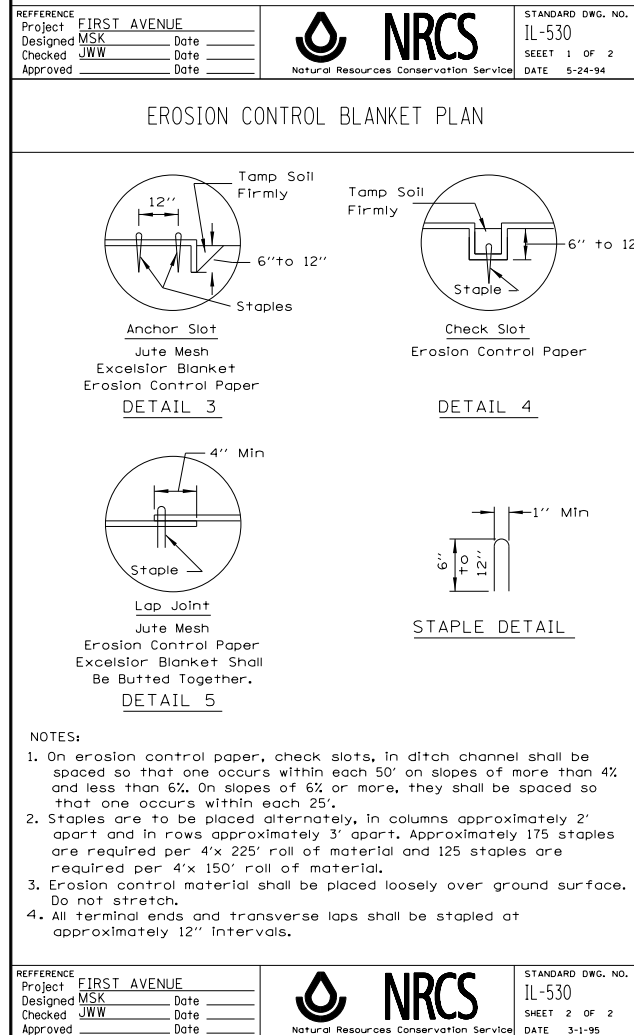
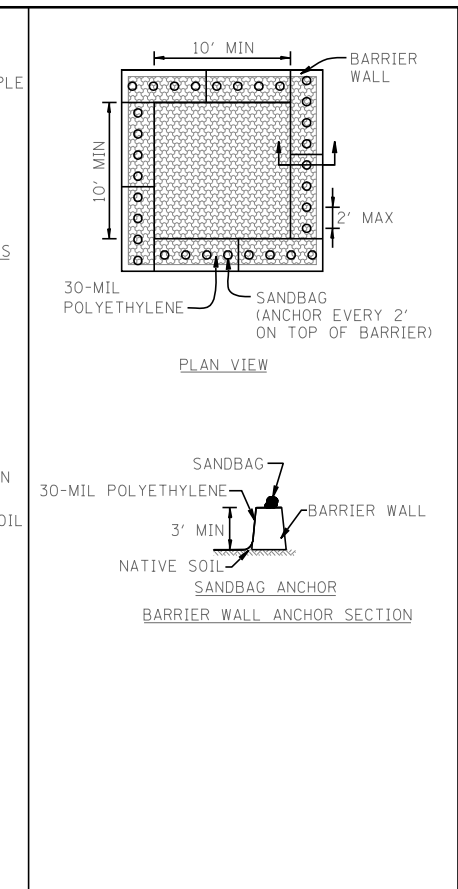
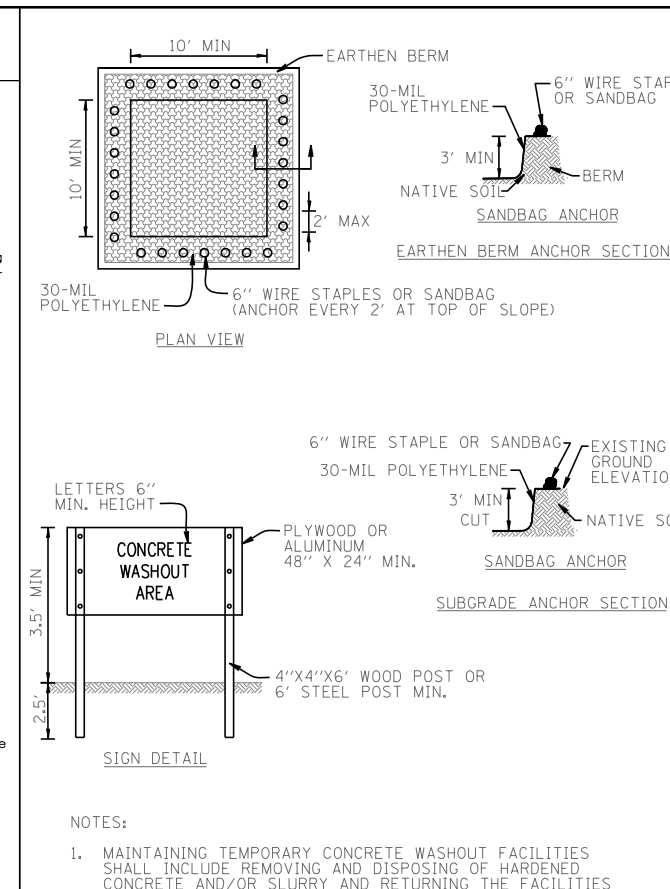
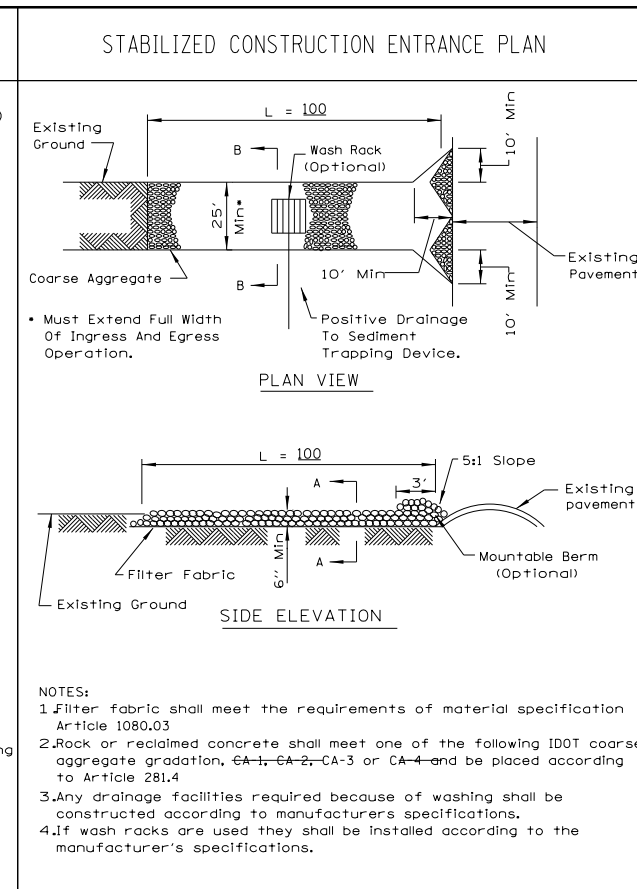
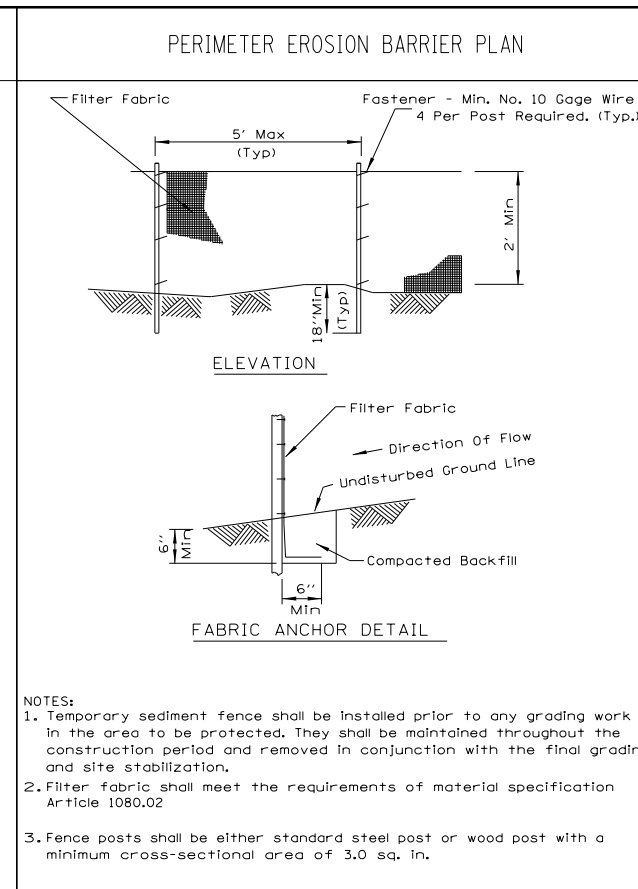
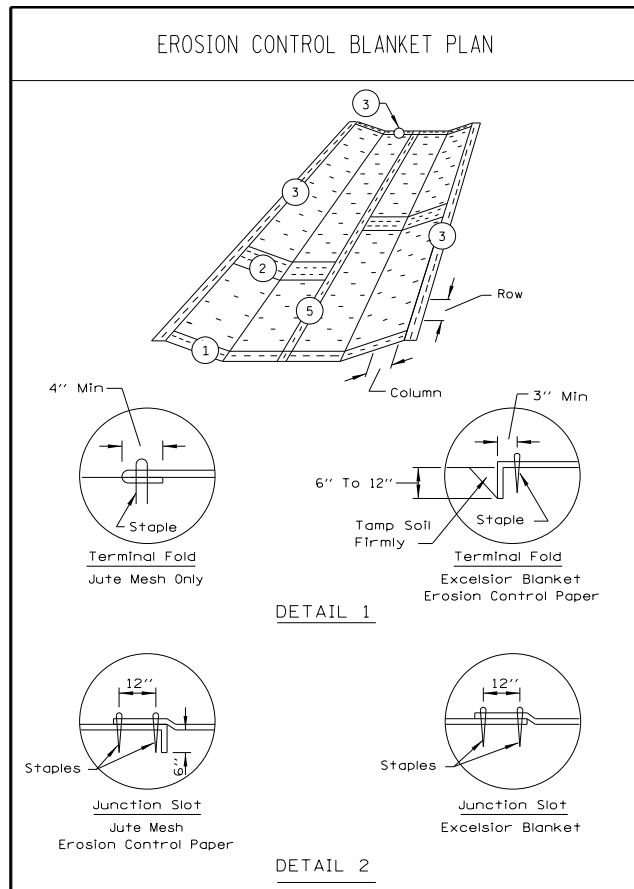
GENERAL NOTES

1. ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
2. ALL DAMAGE TO CITY, COUNTY OR STATE OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRICAL CABLE SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
3. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT STANDARDS.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE SOIL AND GROUNDWATER CONDITIONS AT THE SITE. COPIES OF AVAILABLE GEOTECHNICAL INFORMATION ARE AVAILABLE FROM IDOT FOR REVIEW AND INFORMATION.
5. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
6. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, MUNICIPALITIES AND COOK COUNTY.
7. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON CITY, COUNTY OR STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
8. 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.
9. THE CONTRACTOR SHALL SUPPLY THE IN-STREAM WORK PLAN AS NEEDED FROM THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES/OFFICE OF WATER RESOURCES (IDNR/OWR) FOR PERMIT ACQUISITION FOR WORK IN THE DES PLAINES RIVER.
10. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
11. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS. STATIONS ARE SHOWN FOR REFERENCE ONLY.
12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
13. THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
14. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS AT THE DIRECTION OF THE ENGINEER. THIS WORK IS INCIDENTAL TO THE CONTRACT.
15. THE CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS AT THE DIRECTION OF THE PERMITTING AGENCIES. THIS WORK IS INCIDENTAL TO THE CONTRACT.
16. CLEARING SHALL BE DONE TO THE CONSTRUCTION LIMITS OF THE PROJECT. SEE SECTION 201.01(A) OF THE STANDARD SPECIFICATIONS. CLEARING WILL NOT BE MEASURED FOR PAYMENT.

EROSION CONTROL GENERAL NOTES

1. 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.
2. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. PAYMENT FOR THIS WORK WILL BE INCLUDED WITHIN THE ITEM CONSTRUCTION LAYOUT, LSD. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
3. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
4. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE ILLINOIS URBAN MANUAL LATEST UPDATE.
5. THE WILL-SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT (WSCSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
6. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE AT ALL TIMES.
7. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS), A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR ACCEPTANCE.
8. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE REGULATORY AUTHORITIES. THESE ADDITIONAL ITEMS ARE INCIDENTAL TO THE CONTRACT.
9. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURE IS PROHIBITED.
10. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEMS (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.
11. PERIMETER EROSION CONTROL BARRIER SHALL BE ERECTED ADJACENT TO TEMPORARY CONSTRUCTION FENCE IN SELECTED LOCATIONS. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION CONTROL BARRIER.
12. COMPLETED SLOPES (SECTION OF ROAD EMBANKMENT) SHALL BE SEEDED AND BLANKETED AS THE EXCAVATION PROCEEDS AS REQUIRED BY THE PERMITS DESIRABLE AND PRACTICAL. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
13. CLEANING OF VEHICLES AND EQUIPMENT SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT POSSIBLE.
14. REFER TO STORM WATER POLLUTION PREVENTION PLAN FOR INSPECTION AND MAINTENANCE SCHEDULES, AND SEQUENCE OF ACTIVITIES.
15. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUN OFF. LEAKY EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
16. WHEN STREAM DISTURBANCE IS NECESSARY, THE STREAM INCLUDING THE BED AND BANKS, SHALL BE STABILIZED PRIOR TO ACCEPTING ANY FLOWS, PER USACE GUIDELINES.

FILE NAME =	DESIGNED - SEW	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \D160W75-sh-t-es-GenNotes-De-t-01.dgn	DRAWN - TMB	REVISED -						372/373	2013-037B-R	COOK	787	86
USER NAME = jmajewski	CHECKED - WLS	REVISED -			NTS SHEET 1 OF 11 SHEETS STA. TO STA.			CONTRACT NO. 60W75				
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -			ILLINOIS FED. AID PROJECT							



REFERENCE PROJECT: FIRST AVENUE	DESIGNED: SEW	REVISED: -
DESIGNED: MSK	DRAWN: TMB	REVISED: -
CHECKED: JWW	CHECKED: WLS	REVISED: -
APPROVED: _____	DATE: 6/12/2015	REVISED: -

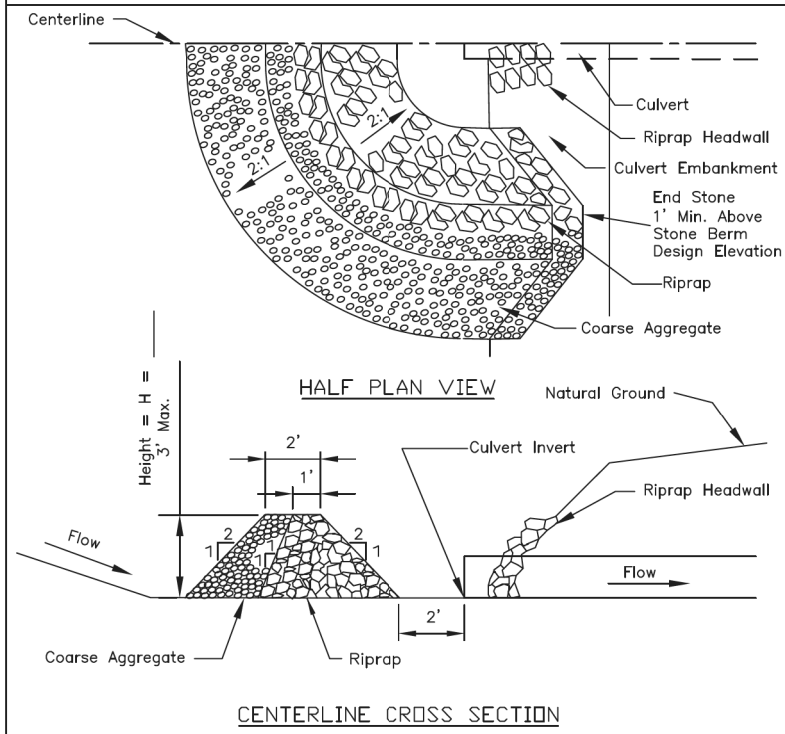
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APPROVED: _____	DATE: 6/12/2015	REVISED: -

REFERENCE PROJECT: FIRST AVENUE	DESIGNED: SEW	REVISED: -
DESIGNED: MSK	DRAWN: TMB	REVISED: -
CHECKED: JWW	CHECKED: WLS	REVISED: -
APPROVED: _____	DATE: 6/12/2015	REVISED: -

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DESIGNED: MSK	DRAWN: TMB	REVISED: -
CHECKED: JWW	CHECKED: WLS	REVISED: -
APPROVED: _____	DATE: 6/12/2015	REVISED: -

REFERENCE PROJECT: FIRST AVENUE	DESIGNED: SEW	REVISED: -
DESIGNED: MSK	DRAWN: TMB	REVISED: -
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APPROVED: _____	DATE: 6/12/2015	REVISED: -

CULVERT INLET PROTECTION - STONE

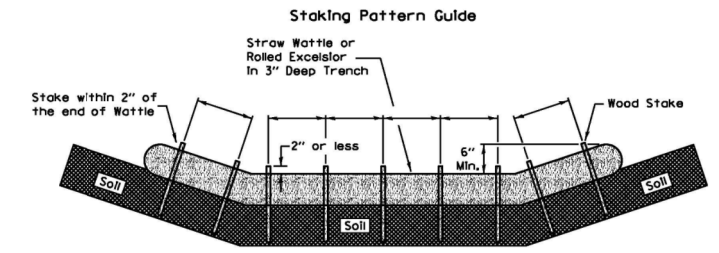


- Notes:
1. Sediment shall be removed when the sediment has accumulated to one-half the height of the stone berm.
 2. Coarse aggregate shall meet one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4.
 3. Riprap shall meet IDOT gradation RR-3 or RR-4. Any permanent riprap, such as for the culvert headwall, shall meet IDOT Quality Designation A.
 4. Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
 5. The maximum drainage area to the culvert being protected is 3 acres.
 6. See plans for H dimension.
 7. Tie the stone berm into the culvert embankment a minimum of 1 foot above the design elevation of the stone berm.

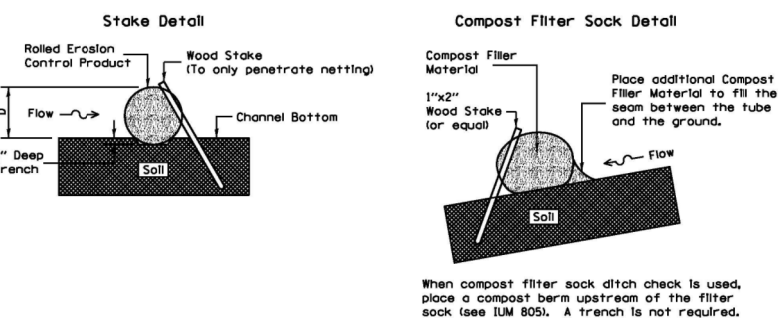
REFERENCE		STANDARD DWG. NO.
Project		IL-508ST
Designed		SHEET 1 OF 1
Checked		DATE 1-29-99

NOTE:
CULVERT INLET PROTECTION-STONE SHALL BE PAID FOR AS AGGREGATE DITCH CHECK

ROLLED EROSION CONTROL PRODUCTS



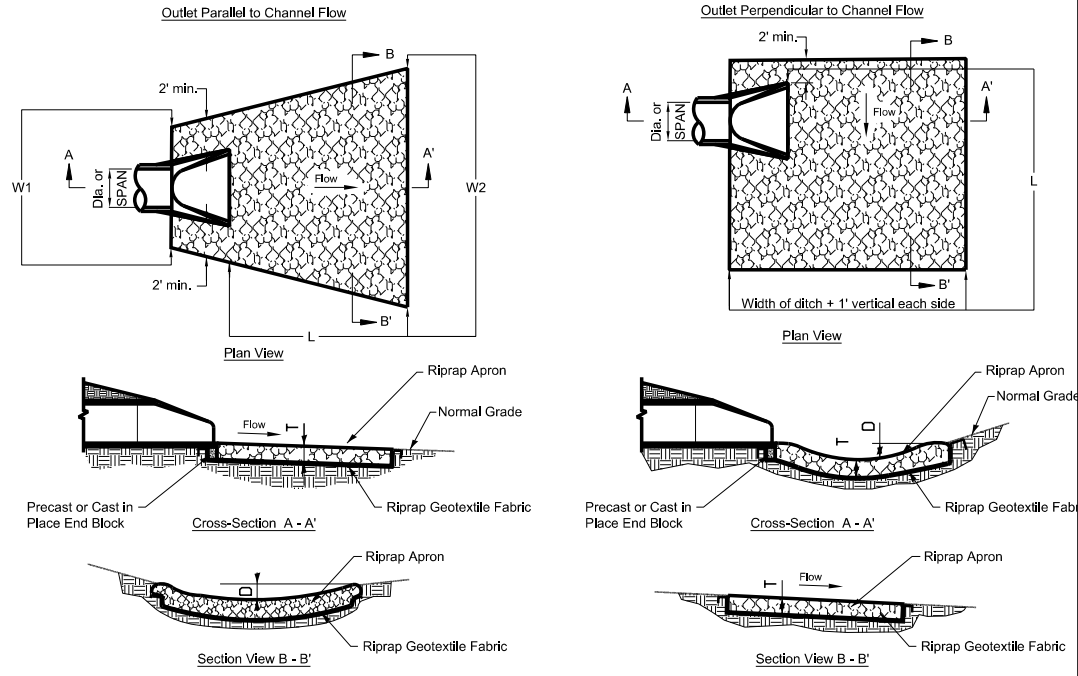
- Notes:
1. Overlap minimum is the diameter of the roll.
 2. 4' spacing for wattles.
 3. 2' spacing for rolled excelsior.
 4. Or space according to manufacturer's specifications.



- Notes:
1. Drawings are not to scale.
 2. Ends of wattles or rolled excelsior shall be turned at least 6" upslope.
 3. Recommended stakes are 1 1/8" wide x 1 1/8" thick x 30" long.
 4. Stakes shall not extend above the straw wattle more than 2".
 5. Spacings: The toe of the upstream ditch check shall create a horizontal line with the top of the downstream ditch check.
 6. When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

REFERENCE		STANDARD DWG. NO.
Project		IUM-514
Designed		SHEET 1 OF 1
Checked		DATE 8-19-11

NOTE:
ROLLED EROSION CONTROL PRODUCTS SHALL BE PAID FOR AS PERIMETER EROSION BARRIER (ROLLED EXCELSIOR)



ROCK OUTLET PROTECTION DETAIL

N.T.S.

DIA. OF ROUND INLET PIPE (in)	IDOT RIPRAP GRADATION (RR)	RIPRAP BED THICKNESS (in)	APRON LENGTH (ft)	APRON WIDTH UPSTREAM (ft)	APRON WIDTH DOWNSTREAM (ft)	DEPTH BELOW NORMAL GRADE
		T	L	W1	W2	D
12	RR-3	15.0	12.0	5.0	11.0	6.0
15	RR-3	15.0	14.0	5.0	12.0	6.0
18	RR-3	15.0	16.0	5.5	13.5	7.0
24	RR-4	15.0	20.0	6.0	16.0	10.0
30	RR-4	20.0	22.0	6.0	17.0	11.0
36	RR-4	20.0	24.0	7.0	19.0	11.0

FILE NAME =	DESIGNED - SEW	REVISED -
...\\D160W75-sh-t-es-GenNotes-De-t-03.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - WLS	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



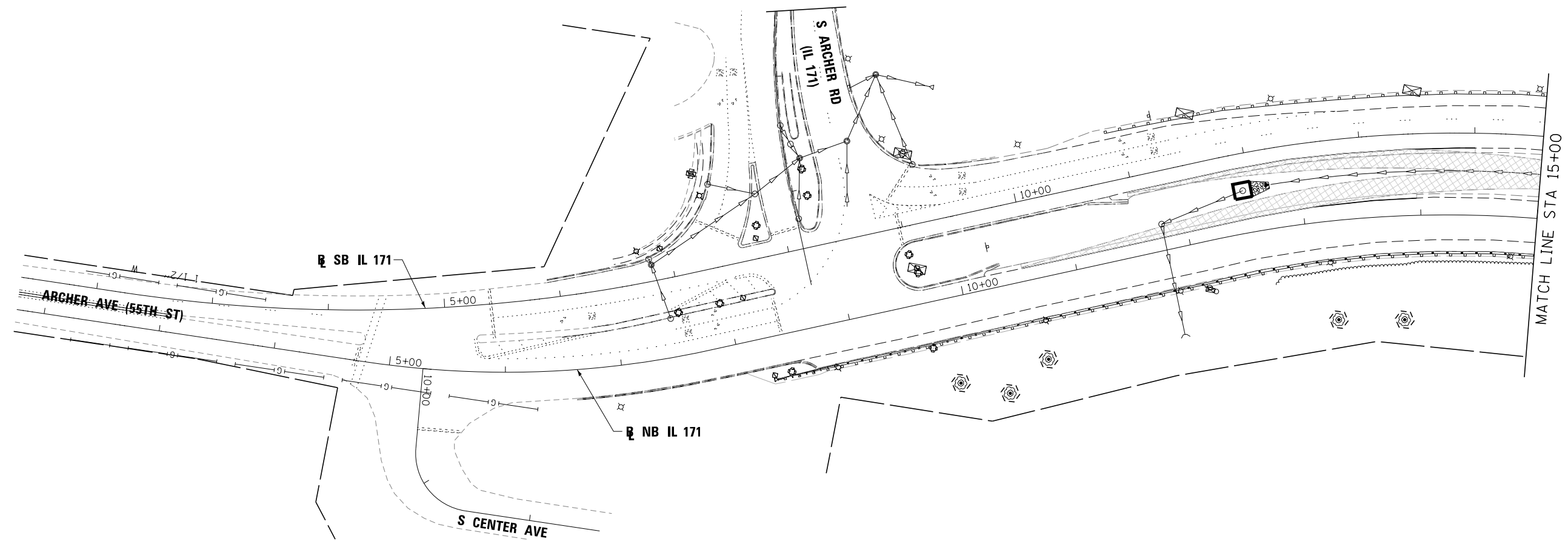
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAIL

NTS SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	88
CONTRACT NO. 60W75				

ILLINOIS FED. AID PROJECT



LEGEND:

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PERIMETER EROSION BARRIER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- ⌒ CULVERT INLET PROTECTION STONE (PAID FOR AS AGGREGATE DITCH CHECK)
- INLET FILTERS
- WETLAND
- TEMPORARY EROSION CONTROL SEEDING AND BLANKET
- TEMPORARY EROSION CONTROL SEEDING
- WORK ZONE LIMITS
- EXISTING TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE
- ⊙ TREE TRUNK PROTECTION

FILE NAME =	DESIGNED - SEW	REVISED -
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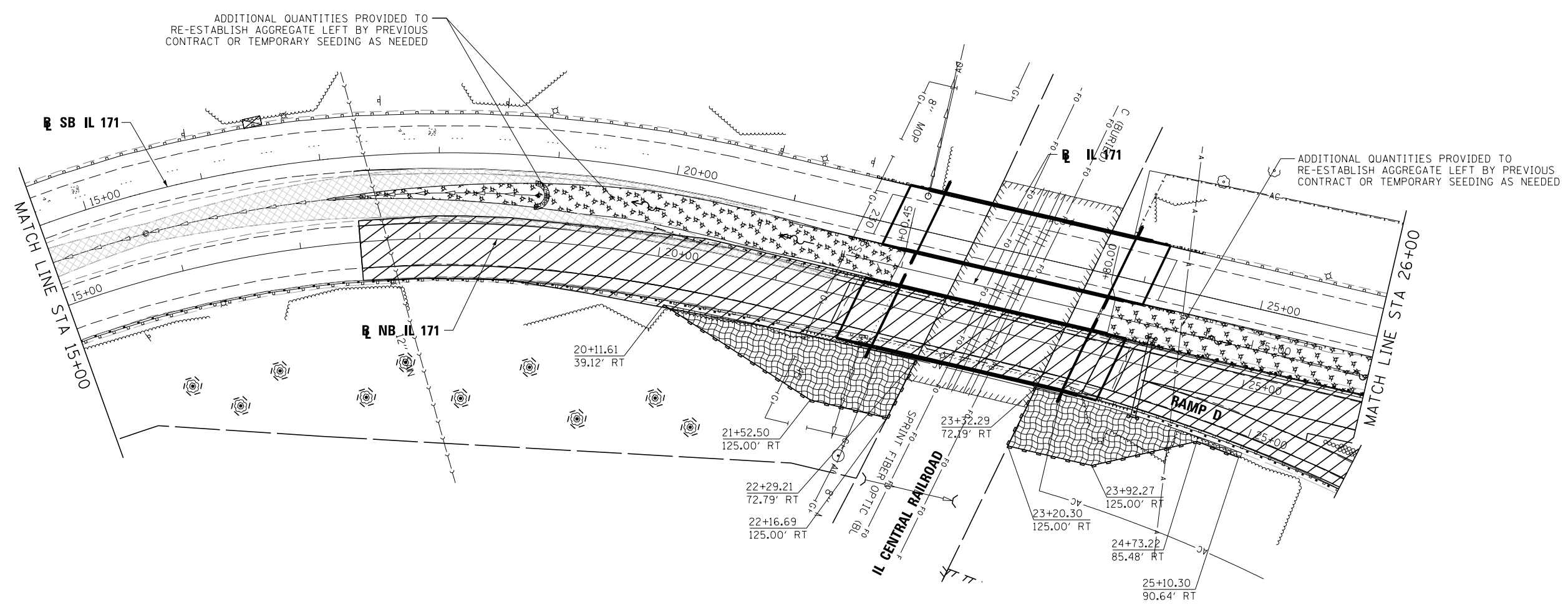


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
IL 171**

SCALE: 1"=50' SHEET 4 OF 11 SHEETS STA. TO STA. 15+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	89
				CONTRACT NO. 60W75
ILLINOIS FED. AID PROJECT				



LEGEND:

- ⊙ PROPOSED MANHOLE
- ⊕ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- x — PERIMETER EROSION BARRIER
- x — EXISTING STORM SEWER
- x — PROPOSED STORM SEWER
- ⌒ CULVERT INLET PROTECTION STONE (PAID FOR AS AGGREGATE DITCH CHECK)
- INLET FILTERS
- ▨ WETLAND
- ▨ TEMPORARY EROSION CONTROL SEEDING AND BLANKET
- ▨ TEMPORARY EROSION CONTROL SEEDING
- ▨ WORK ZONE LIMITS
- ▨ EXISTING TEMPORARY PAVEMENT
- x — TEMPORARY FENCE
- ⊙ TREE TRUNK PROTECTION

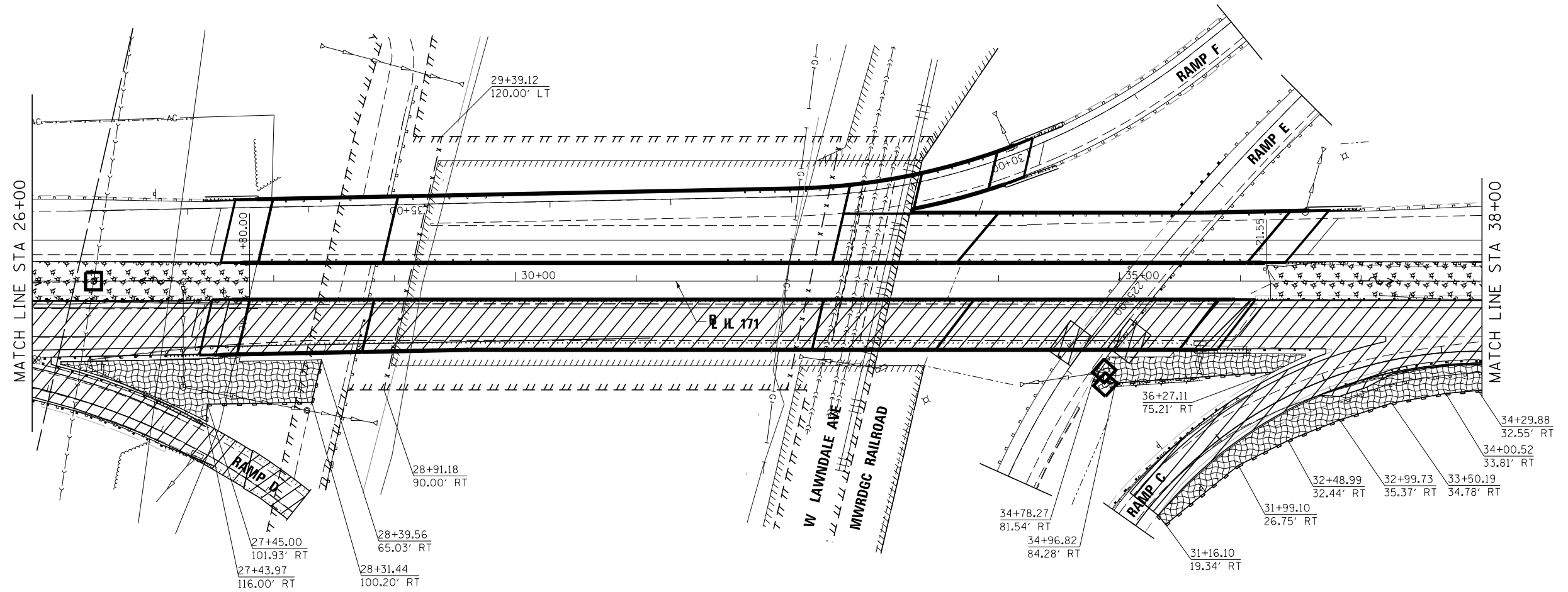
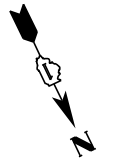
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PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN IL 171			
SCALE: 1"=50'	SHEET 5 OF 11 SHEETS	STA. 15+00.00 TO STA. 26+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	90
CONTRACT NO. 60W75				
ILLINOIS FED. AID PROJECT				



- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- |— PERIMETER EROSION BARRIER
- |— EXISTING STORM SEWER
- |— PROPOSED STORM SEWER
- ⤿ CULVERT INLET PROTECTION STONE (PAID FOR AS AGGREGATE DITCH CHECK)
- INLET FILTERS
- ⌌ WETLAND
- ▤ TEMPORARY EROSION CONTROL SEEDING AND BLANKET
- ⌘ TEMPORARY EROSION CONTROL SEEDING
- ▨ WORK ZONE LIMITS
- ▩ EXISTING TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE
- ⊗ TREE TRUNK PROTECTION

FILE NAME =	DESIGNED - SEW	REVISED -
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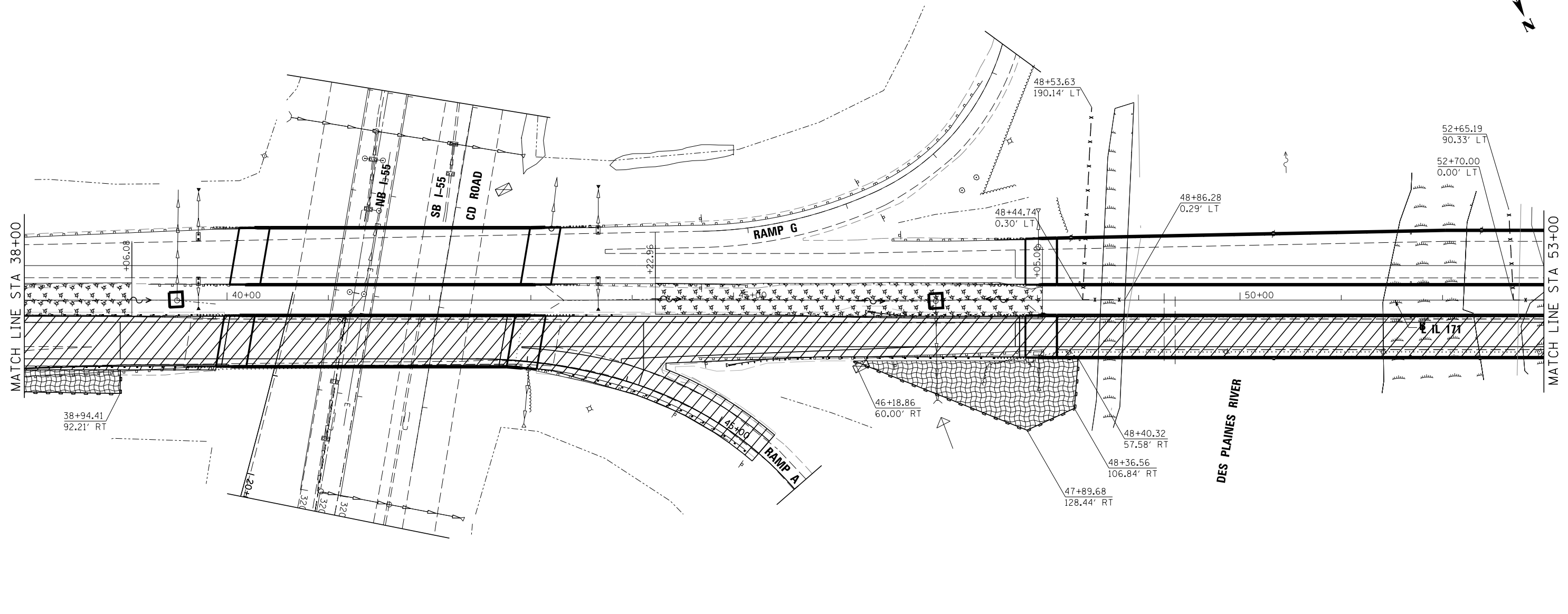


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
IL 171**

SCALE: 1"=50' SHEET 6 OF 11 SHEETS STA. 26+00.00 TO STA. 38+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	91
				CONTRACT NO. 60W75
ILLINOIS FED. AID PROJECT				



LEGEND:

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PERIMETER EROSION BARRIER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- ⌒ CULVERT INLET PROTECTION STONE (PAID FOR AS AGGREGATE DITCH CHECK)
- INLET FILTERS
- WETLAND
- TEMPORARY EROSION CONTROL SEEDING AND BLANKET
- TEMPORARY EROSION CONTROL SEEDING
- WORK ZONE LIMITS
- EXISTING TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE
- ⊙ TREE TRUNK PROTECTION

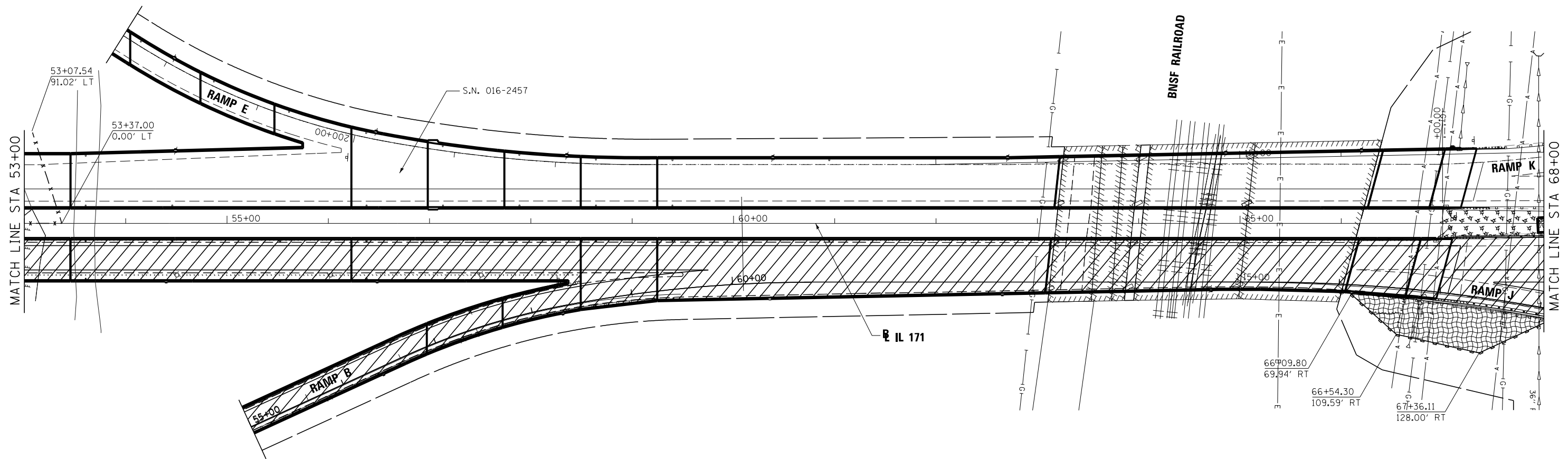
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PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN IL 171			
SCALE: 1"=50'	SHEET 7 OF 11 SHEETS	STA. 38+00.00 TO STA. 53+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	92
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



LEGEND:

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PERIMETER EROSION BARRIER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- ⌒ CULVERT INLET PROTECTION STONE (PAID FOR AS AGGREGATE DITCH CHECK)
- INLET FILTERS
- WETLAND
- TEMPORARY EROSION CONTROL SEEDING AND BLANKET
- TEMPORARY EROSION CONTROL SEEDING
- WORK ZONE LIMITS
- EXISTING TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE
- ⊙ TREE TRUNK PROTECTION

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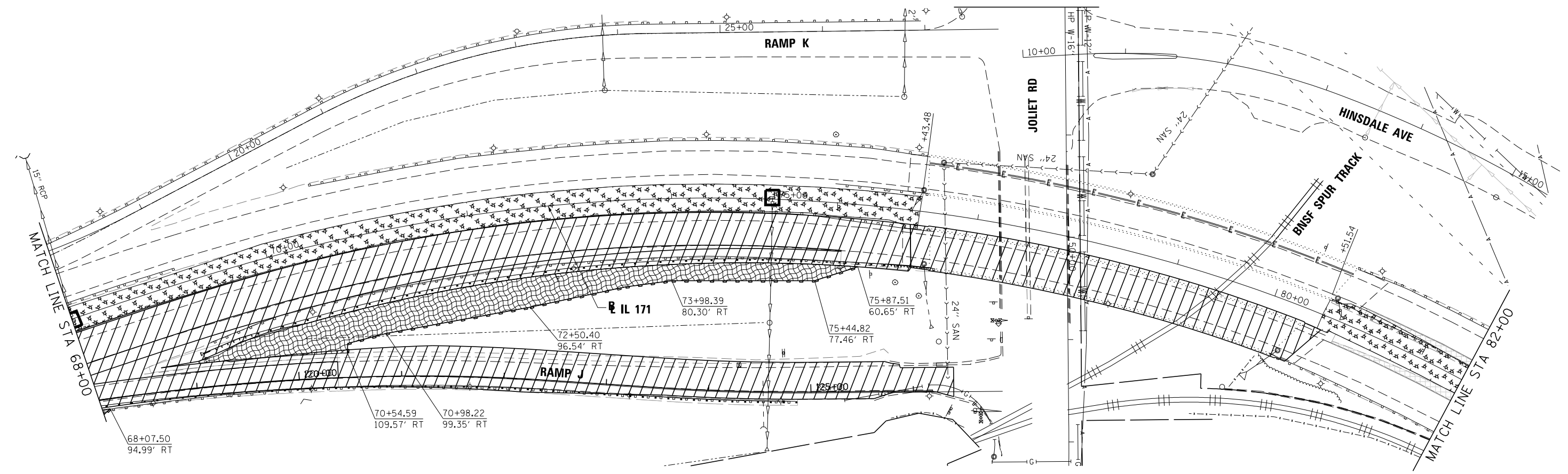
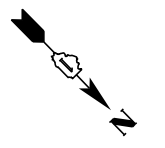


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
IL 171**

SCALE: 1"=50' SHEET 8 OF 11 SHEETS STA. 53+00.00 TO STA. 68+00.00

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	93
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



LEGEND:

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PERIMETER EROSION BARRIER
- |— EXISTING STORM SEWER
- |— PROPOSED STORM SEWER
- ⌒ CULVERT INLET PROTECTION STONE (PAID FOR AS AGGREGATE DITCH CHECK)
- INLET FILTERS
- ▨ WETLAND
- ▨ TEMPORARY EROSION CONTROL SEEDING AND BLANKET
- ▨ TEMPORARY EROSION CONTROL SEEDING
- ▨ WORK ZONE LIMITS
- ▨ EXISTING TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE
- ⊙ TREE TRUNK PROTECTION

FILE NAME =	DESIGNED - SEW	REVISED -
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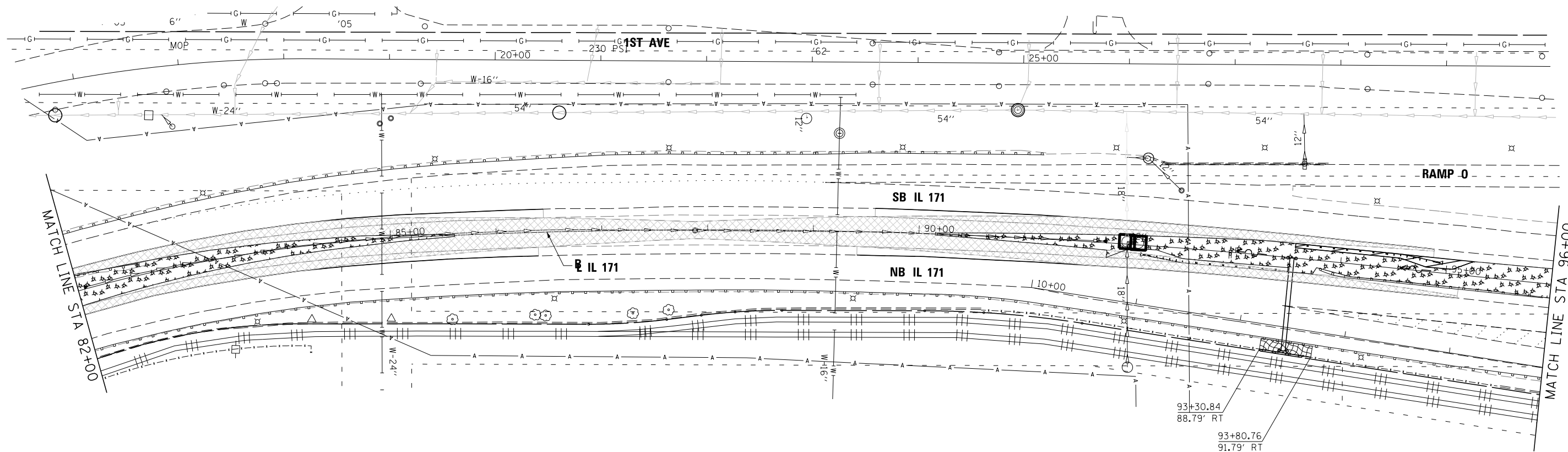
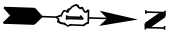


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
IL 171**

SCALE: 1"=50' SHEET 9 OF 11 SHEETS STA. 68+00.00 TO STA. 82+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	94
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



LEGEND:

- ⊙ PROPOSED MANHOLE
- ⊕ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PERIMETER EROSION BARRIER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- ⌒ CULVERT INLET PROTECTION STONE (PAID FOR AS AGGREGATE DITCH CHECK)
- INLET FILTERS
- ▨ WETLAND
- ▩ TEMPORARY EROSION CONTROL SEEDING AND BLANKET
- ▩ TEMPORARY EROSION CONTROL SEEDING
- ▨ WORK ZONE LIMITS
- ▩ EXISTING TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE
- ⊙ TREE TRUNK PROTECTION

FILE NAME =	DESIGNED - SEW	REVISED -
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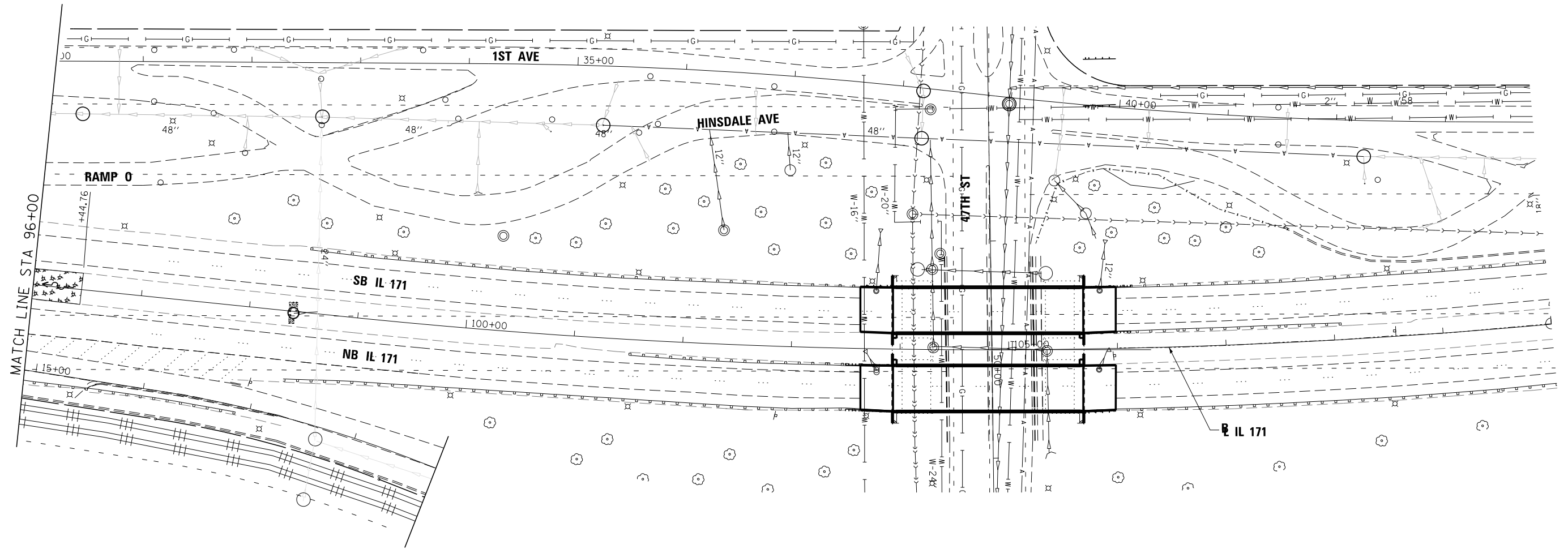


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





















**EROSION CONTROL PLAN
IL 171**

SCALE: 1"=50' SHEET 10 OF 11 SHEETS STA. 82+00.00 TO STA. 96+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	95
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



LEGEND:

-  PROPOSED MANHOLE
-  EXISTING MANHOLE
-  PROPOSED CATCH BASIN
-  EXISTING CATCH BASIN
-  HIGH POINT
-  EXISTING FLARED END SECTION
-  PROPOSED FLARED END SECTION
-  FLOW LINE FOR PROPOSED DITCH
-  PERIMETER EROSION BARRIER
-  EXISTING STORM SEWER
-  PROPOSED STORM SEWER
-  CULVERT INLET PROTECTION STONE (PAID FOR AS AGGREGATE DITCH CHECK)
-  INLET FILTERS
-  WETLAND
-  TEMPORARY EROSION CONTROL SEEDING AND BLANKET
-  TEMPORARY EROSION CONTROL SEEDING
-  WORK ZONE LIMITS
-  EXISTING TEMPORARY PAVEMENT
-  TEMPORARY FENCE
-  TREE TRUNK PROTECTION

FILE NAME =	DESIGNED - SEW	REVISED -
...\\D160W75-shr-IL171-es-NB-08.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - WLS	REVISED -
PLOT DATE = 6/17/2015	DATE - 6/12/2015	REVISED -

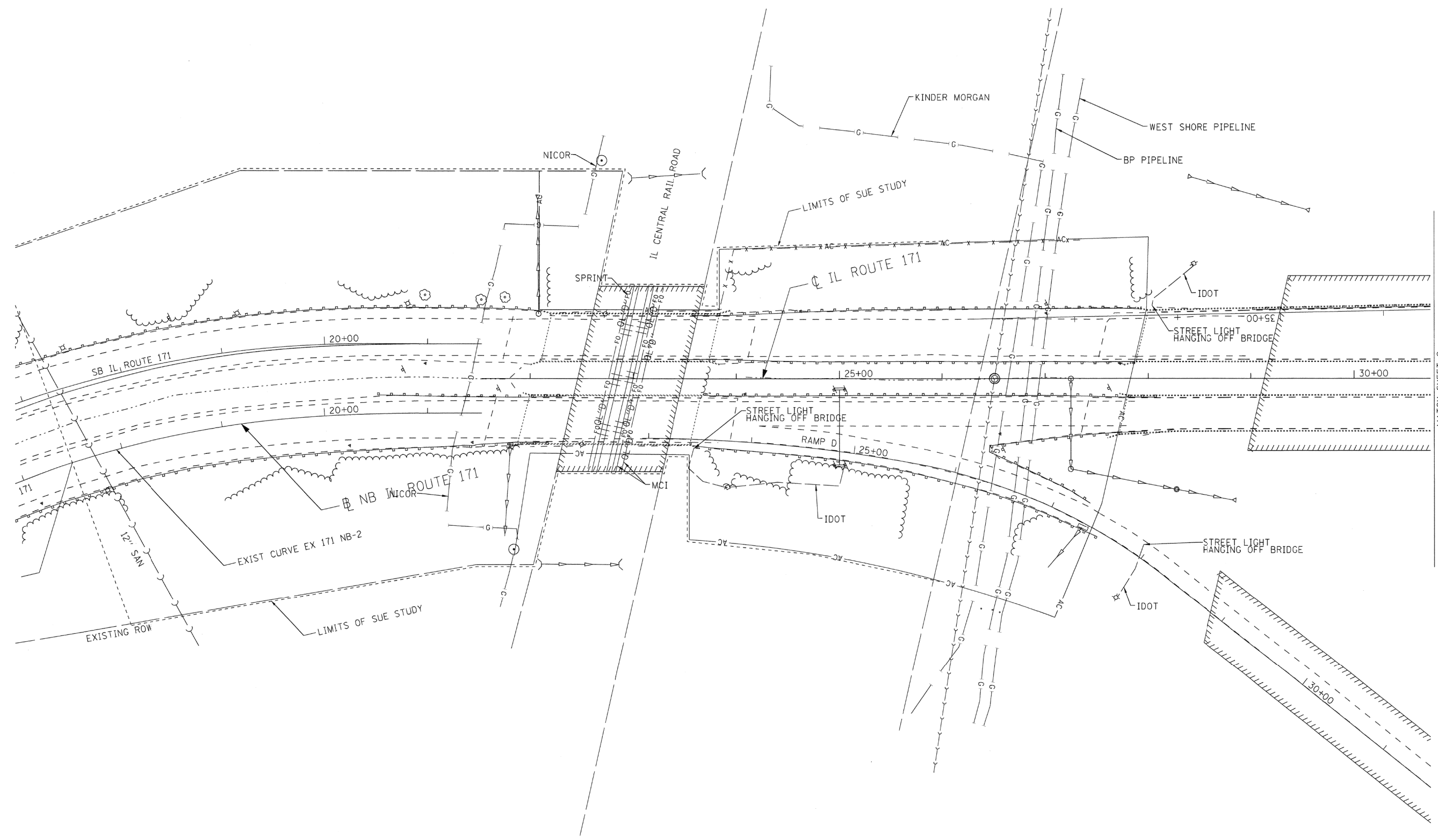


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

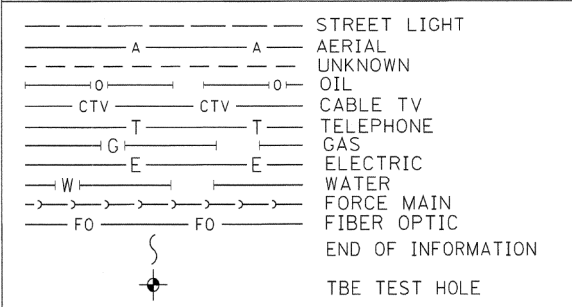
**EROSION CONTROL PLAN
IL 171**

SCALE: 1"=50' SHEET 11 OF 11 SHEETS STA. 96+00.00 TO STA. 110+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	COOK	787	96
CONTRACT NO. 60W75			ILLINOIS FED. AID PROJECT	



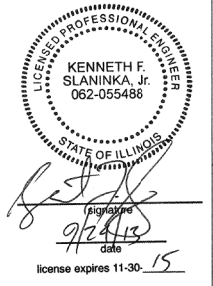
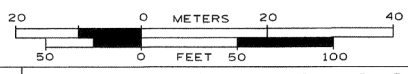
MATCH SHEET 2



UTILITY OWNERS	
AT&T = TELEPHONE	
BP = PIPELINE	
COM-ED = ELECTRIC	
IDOT = ELECTRIC	
KINDER MORGAN = PIPELINE	
MWRD = WATER	
NICOR = GAS	
UNITE = FIBER OPTIC	
VILLAGE OF McCOOK = WATER	
WEST SHORE = PIPELINE	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's OL'B" SUE field investigation was performed 7/13/13 through 9/13/13. Changes to utilities after 9/13/13 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



Utility Quality Level "A" : Visually Verified Test Hole
 Utility Quality Level "B" : Designating/non Visually Verified Test Hole
 Utility Quality Level "C" : Research with Survey
 Utility Quality Level "D" : Records Research

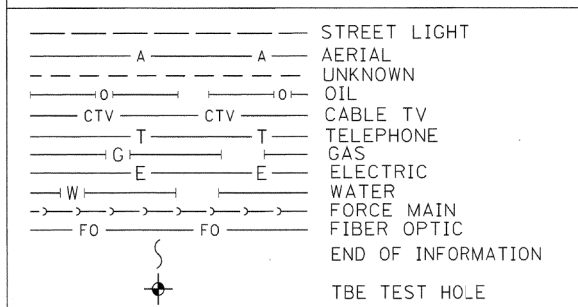
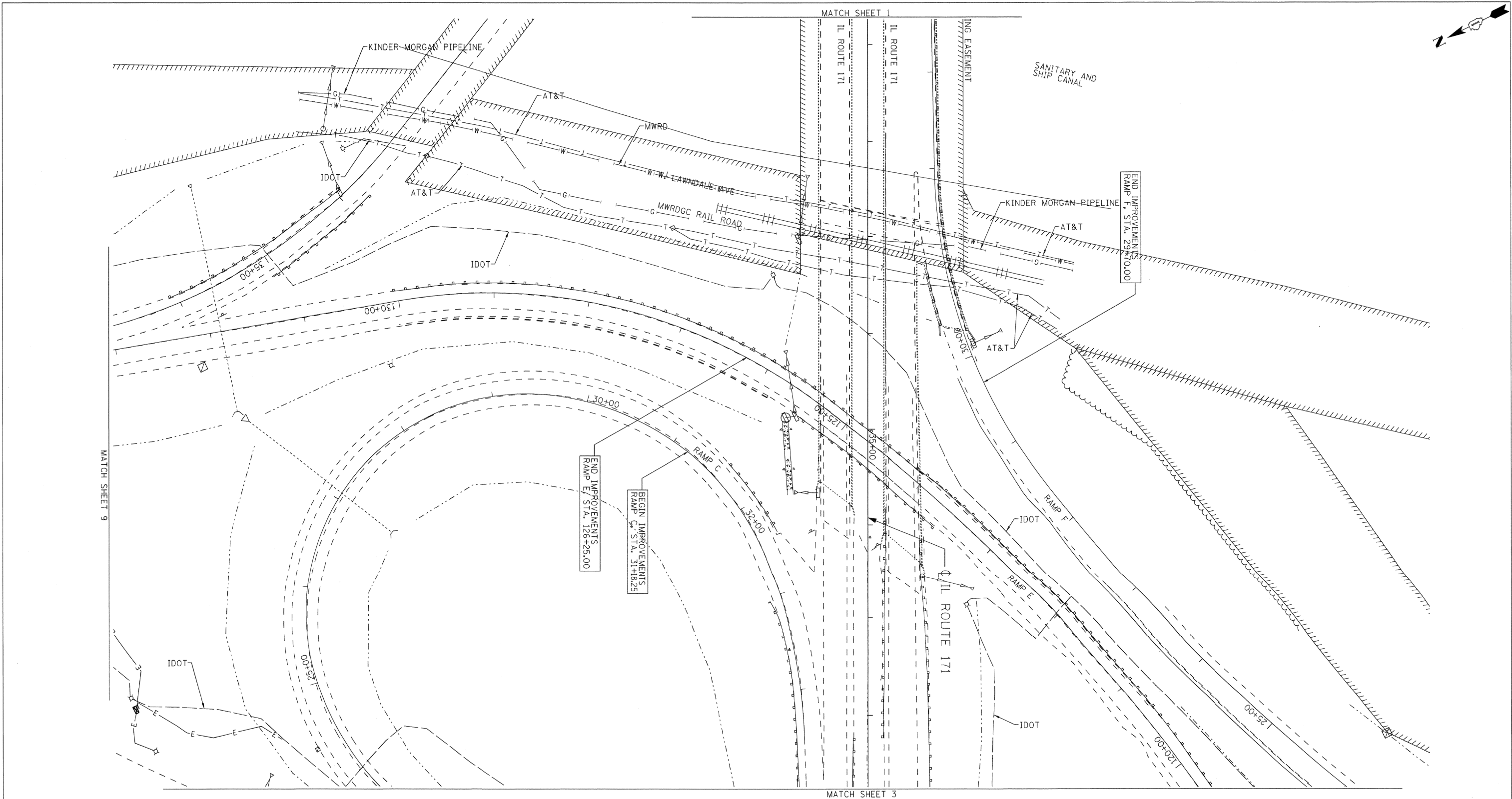
DESIGNED	IP	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	9/20/13	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (1st Ave.) 47th Street to 55th Street
Summit, Illinois**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	Cook	787	97
Contract No. 60W75				
FED. ROAD DIST. NO. - ILLINOIS IDOT Project No.				

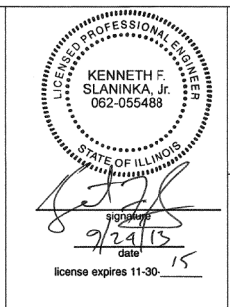
TBE Job No. IL09510524
SUE Plan Page: 1 of 12



UTILITY OWNERS	
AT&T	= TELEPHONE
BP	= PIPELINE
COM-ED	= ELECTRIC
IDOT	= ELECTRIC
KINDER MORGAN	= PIPELINE
MWRD	= WATER
NICOR	= GAS
UNITE	= FIBER OPTIC
VILLAGE OF MCCOOK	= WATER
WEST SHORE	= PIPELINE

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510524
SUE Plan Page: 2 of 12

Utility Quality Level "A": Visually Verified Test Hole
 Utility Quality Level "B": Designating/non Visually Verified Test Hole
 Utility Quality Level "C": Research with Survey
 Utility Quality Level "D": Records Research

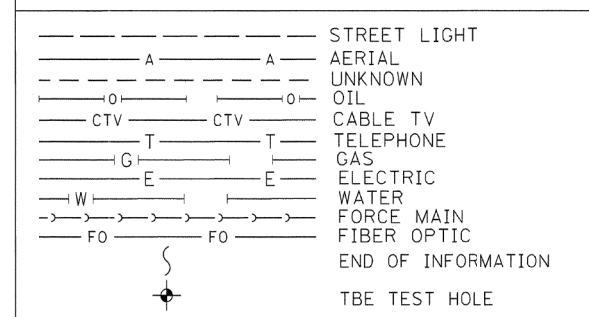
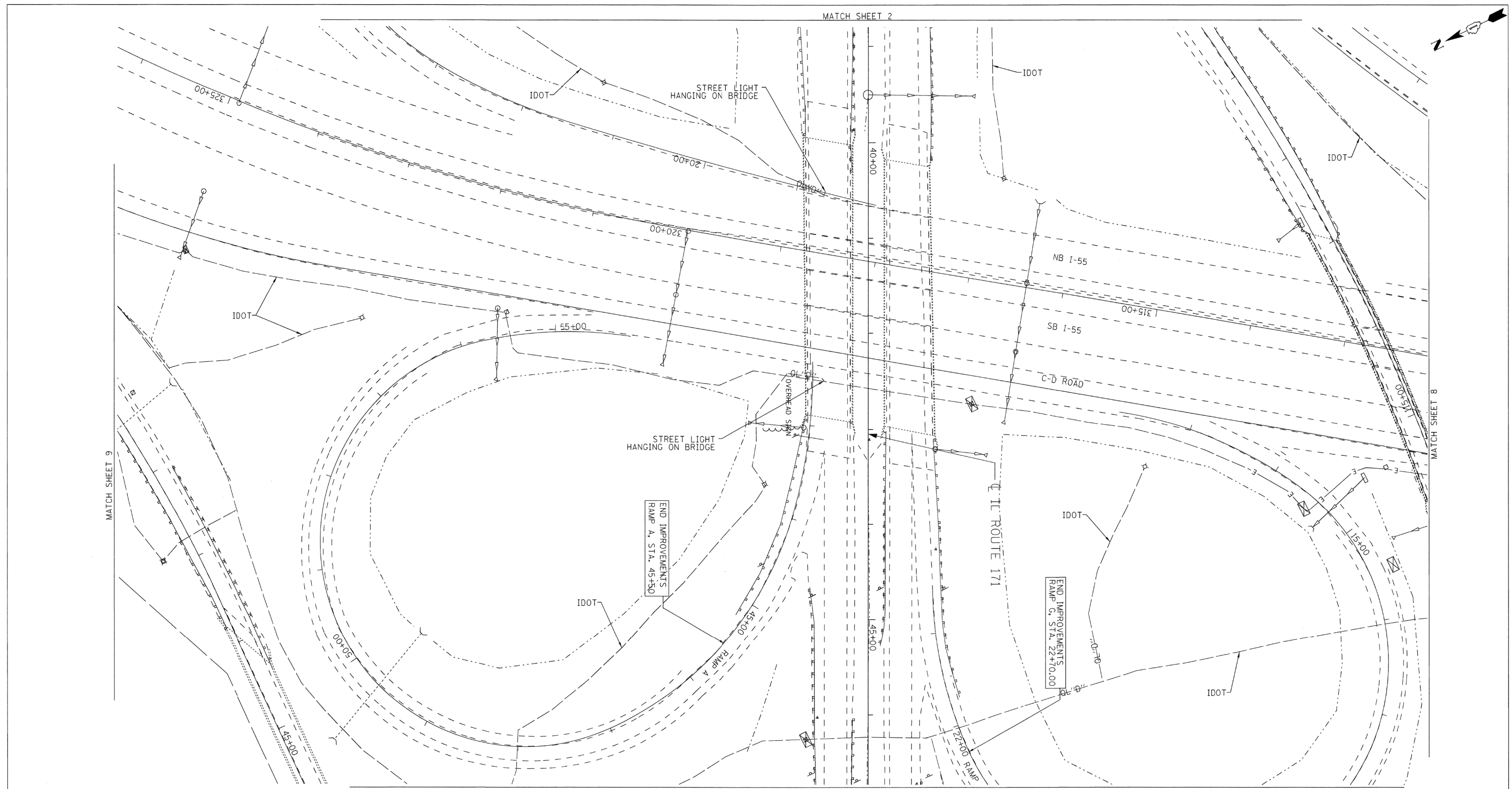
DESIGNED	IP	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	9/20/13	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (1st Ave.) 47th Street to 55th Street
Summit, Illinois

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	Cook	787	98

Contract No. 60W75
 FED. ROAD DIST. No. - ILLINOIS IDOT Project No.



UTILITY OWNERS	
AT&T	= TELEPHONE
BP	= PIPELINE
COM-ED	= ELECTRIC
IDOT	= ELECTRIC
KINDER MORGAN	= PIPELINE
MWRD	= WATER
NICOR	= GAS
UNITE	= FIBER OPTIC
VILLAGE OF McCOOK	= WATER
WEST SHORE	= PIPELINE

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

KENNETH F. SLANINKA, Jr.
 LICENSED PROFESSIONAL ENGINEER
 STATE OF ILLINOIS
 062-055488
 9/24/15
 license expires 11-30-15

Cardno TBE
Dynasty Group
 Engineers & Surveyors

TBE Job No. IL09510524
 SUE Plan Page: 3 of 12

Utility Quality Level "A": Visually Verified Test Hole
 Utility Quality Level "B": Designating/non Visually Verified Test Hole
 Utility Quality Level "C": Research with Survey
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DESIGNED	IP	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	9/20/13	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (1st Ave.) 47th Street to 55th Street
Summit, Illinois

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-037B-R	Cook	787	99

FED. ROAD DIST. NO.	ILLINOIS IDOT Project No.

