

**LEGEND**

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

**NOTE:**

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

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-MOT-extyp-stg1C-02.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -

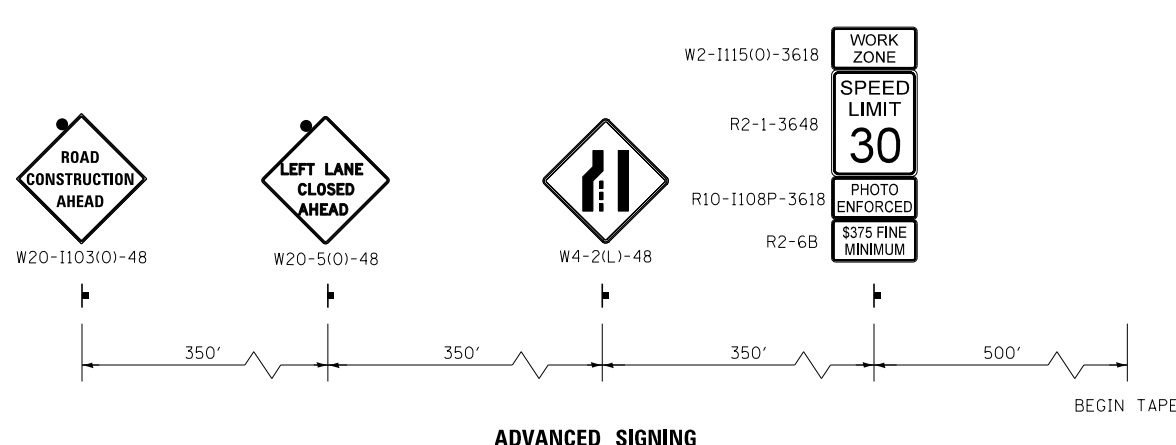
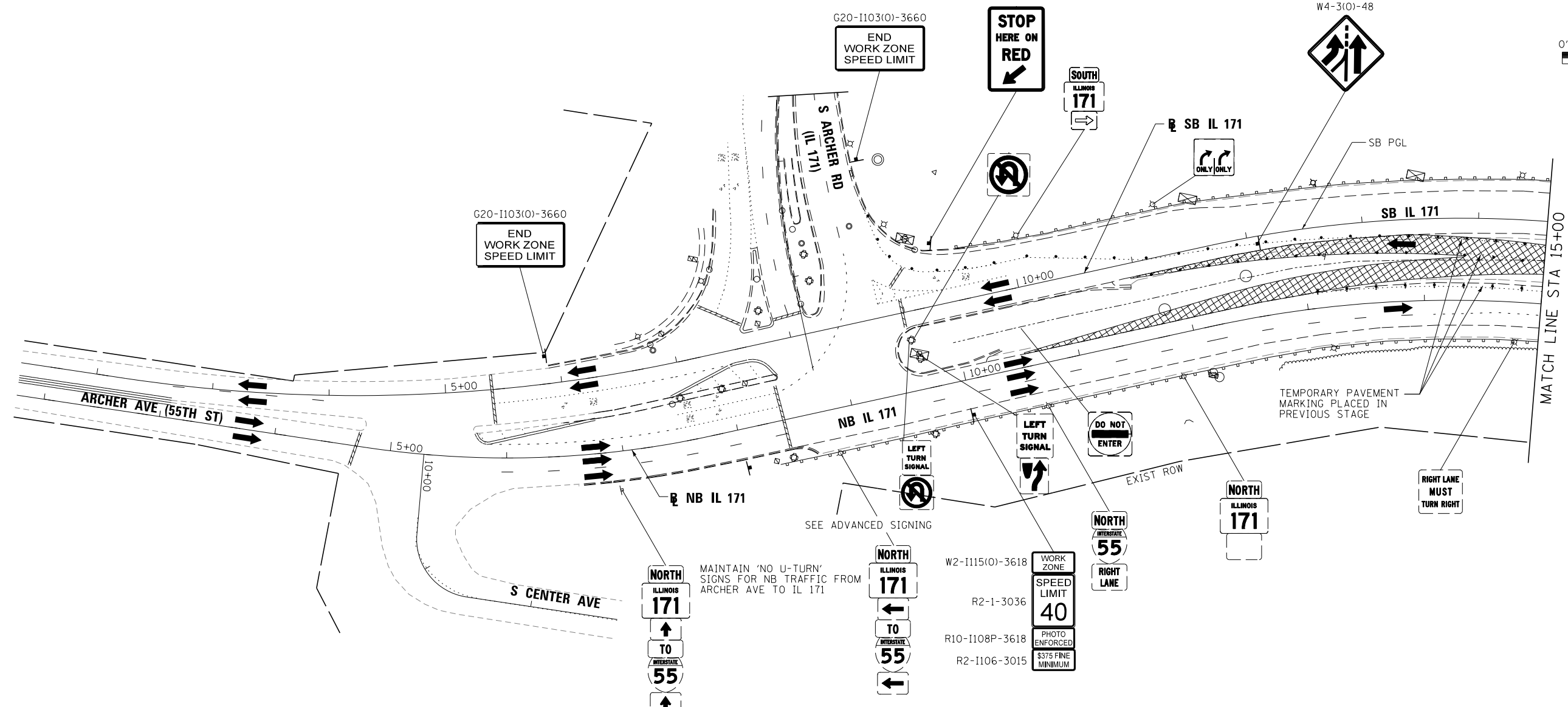
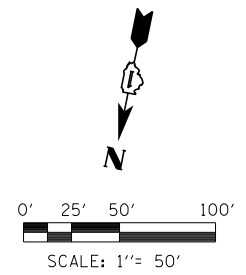


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1C**

SHEET 40 OF 50 SHEETS STA. TO STA.

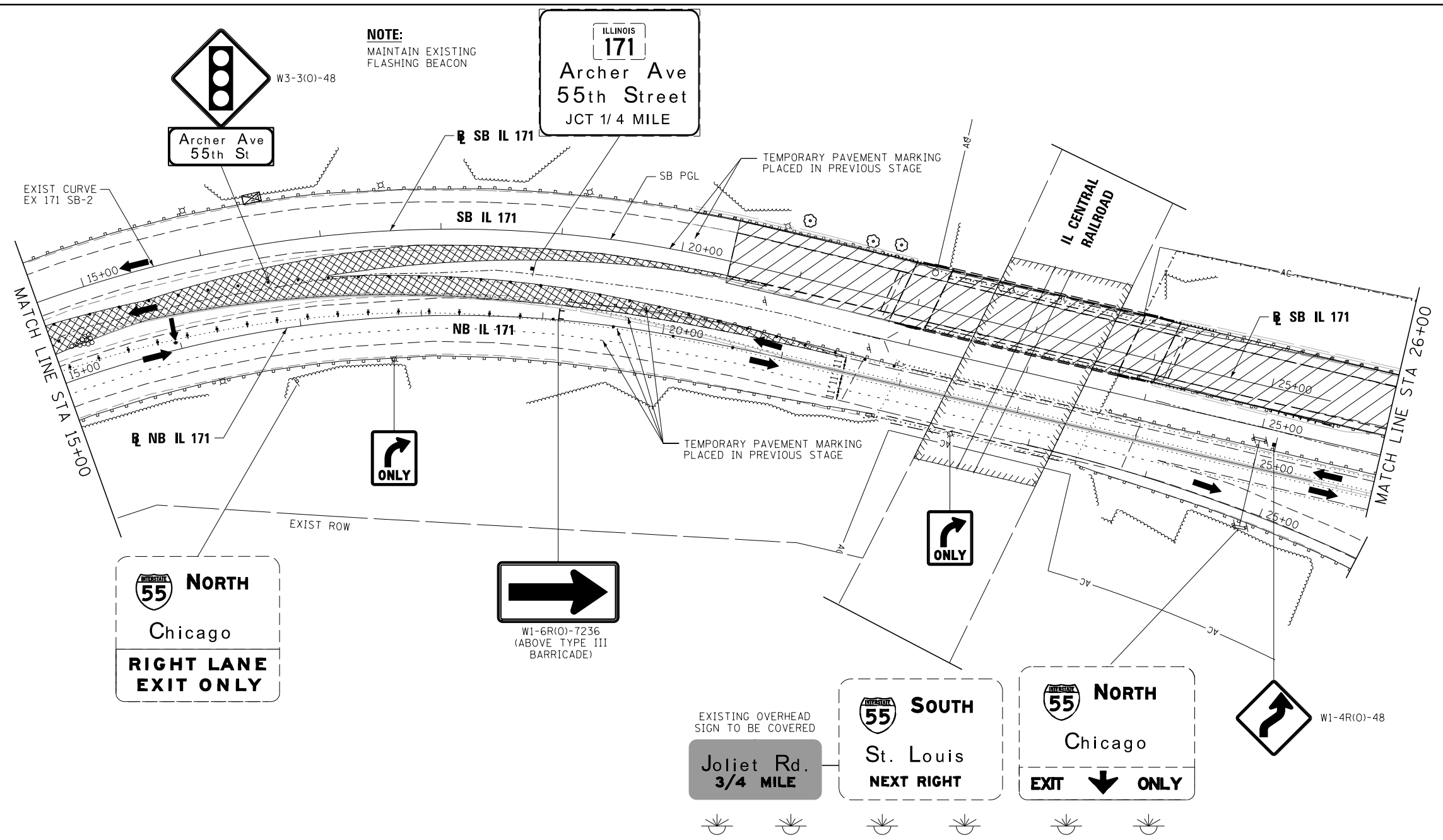
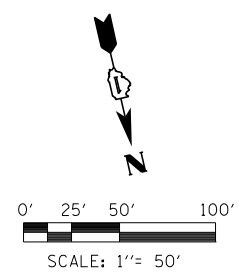
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	101
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

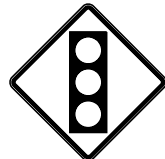
- WORK AREA
  - TEMPORARY PAVEMENT PLACED PREVIOUS STAGE
  - TEMPORARY PAVEMENT PLACED THIS STAGE
  - FLASHING ARROW BOARD
  - TRAFFIC LANE
  - TYPE III BARRICADES
  - TEMPORARY SIGN
  - TEMPORARY CONCRETE BARRIER
  - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
  - DRUMS w/ STEADY BURN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

FILE NAME = ... \D160J16-sht-IL171-Mot-Strc-SB-01.dgn	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC</b> <b>STAGE 1C</b>		F.A.P. R.T.E. = 372/373	SECTION = 2013-038B-R	COUNTY = COOK	TOTAL SHEETS = 821	SHEET NO. = 102	
USER NAME = agibson	CHECKED - JMM	REVISED -					SCALE: 1"=50'	SHEET 41 OF 50 SHEETS	STA. TO STA.	CONTRACT NO. 60J16		ILLINOIS FED. AID PROJECT
PLOT DATE = 8/20/2014	DATE = 6/23/2014	REVISED -										



**NOTE:**  
MAINTAIN EXISTING  
FLASHING BEACON

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



Archer Ave  
55th St

W3-3(0)-48



W1-6R(0)-7236  
(ABOVE TYPE III  
BARRICADE)



W1-4R(0)-48

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

EXISTING OVERHEAD  
SIGN TO BE COVERED  
Joliet Rd.  
3/4 MILE

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

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

**LEGEND**

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

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

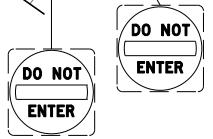
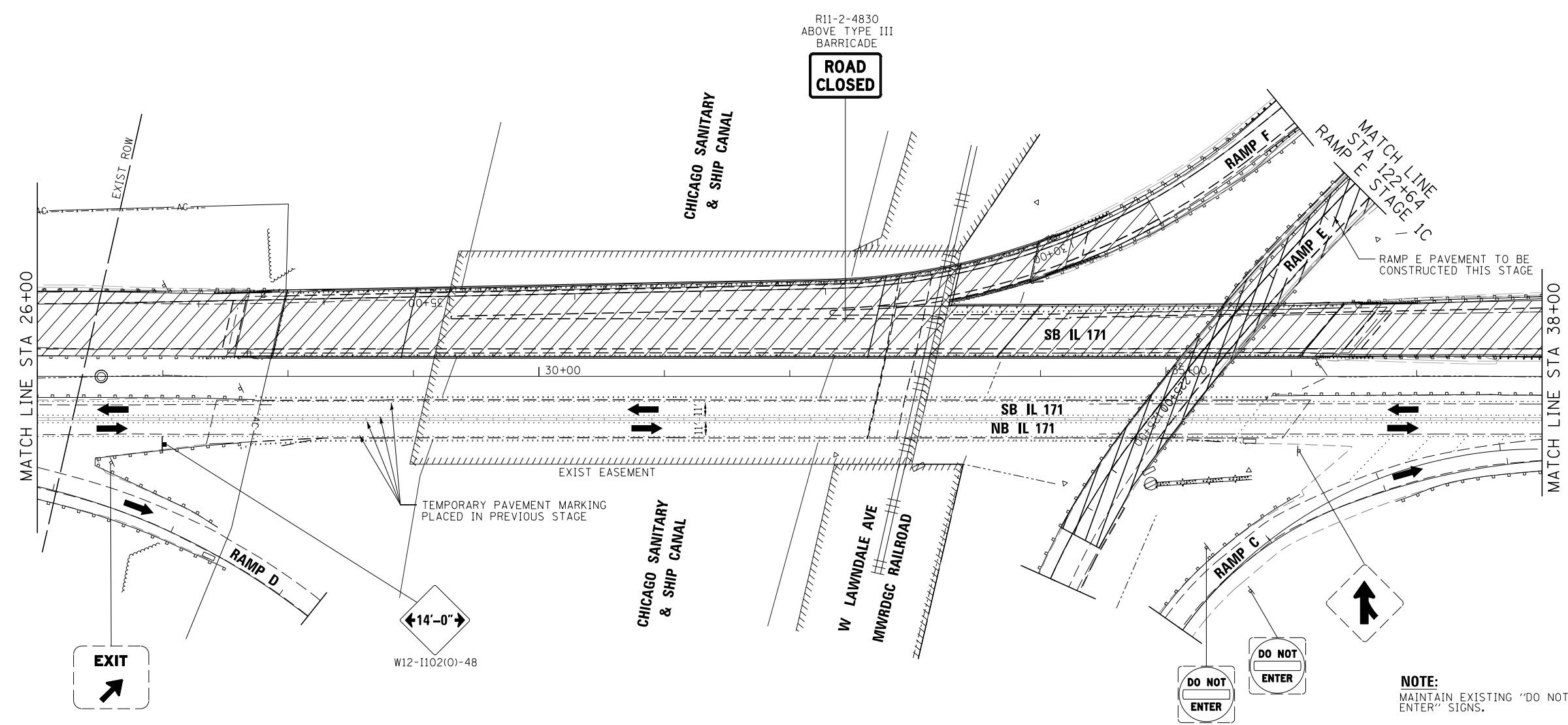
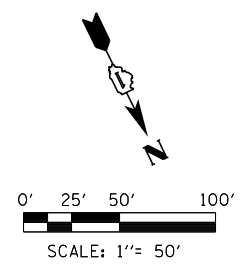


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1C**

SCALE: 1"=50' SHEET 42 OF 50 SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	103
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**NOTE:**  
MAINTAIN EXISTING "DO NOT ENTER" SIGNS.

**LEGEND**

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

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-IL171-Mot-St1c-SB-03.dgn	DRAWN - TMB	REVISED -
USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -



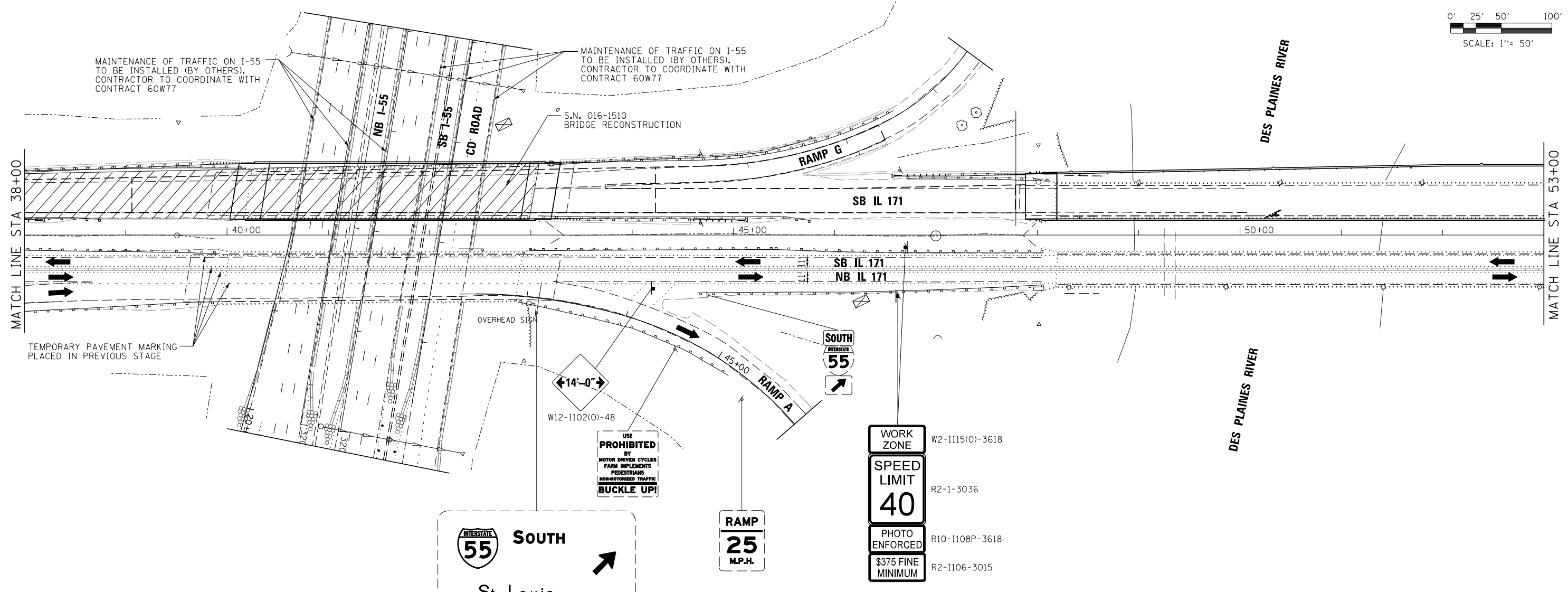
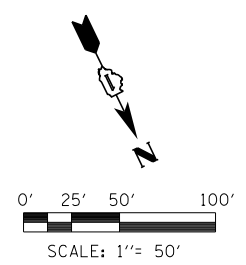
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1C**

SCALE: 1"=50' SHEET 43 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	104
CONTRACT NO.			60J16	

ILLINOIS FED. AID PROJECT



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

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

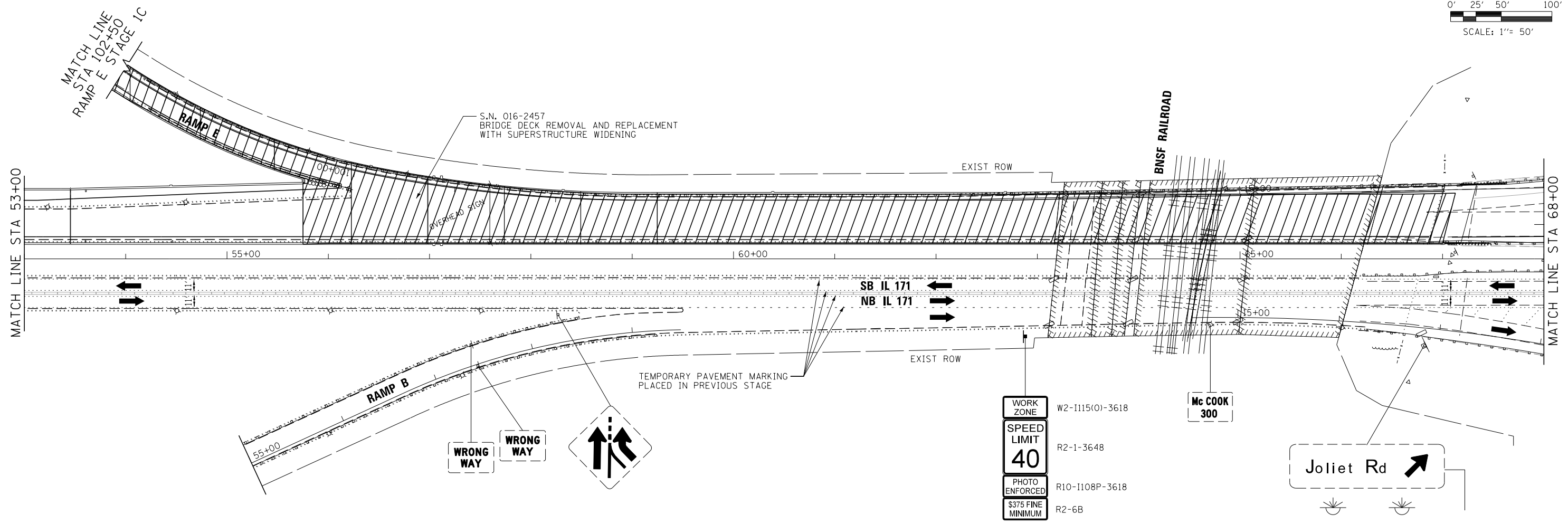
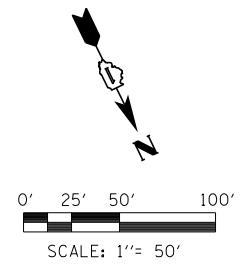


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1C**

SCALE: 1"=50' SHEET 44 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	105
				CONTRACT NO. 60J16
ILLINOIS FED. AID PROJECT				



**LEGEND**

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

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

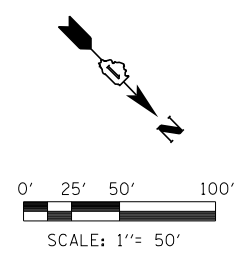


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

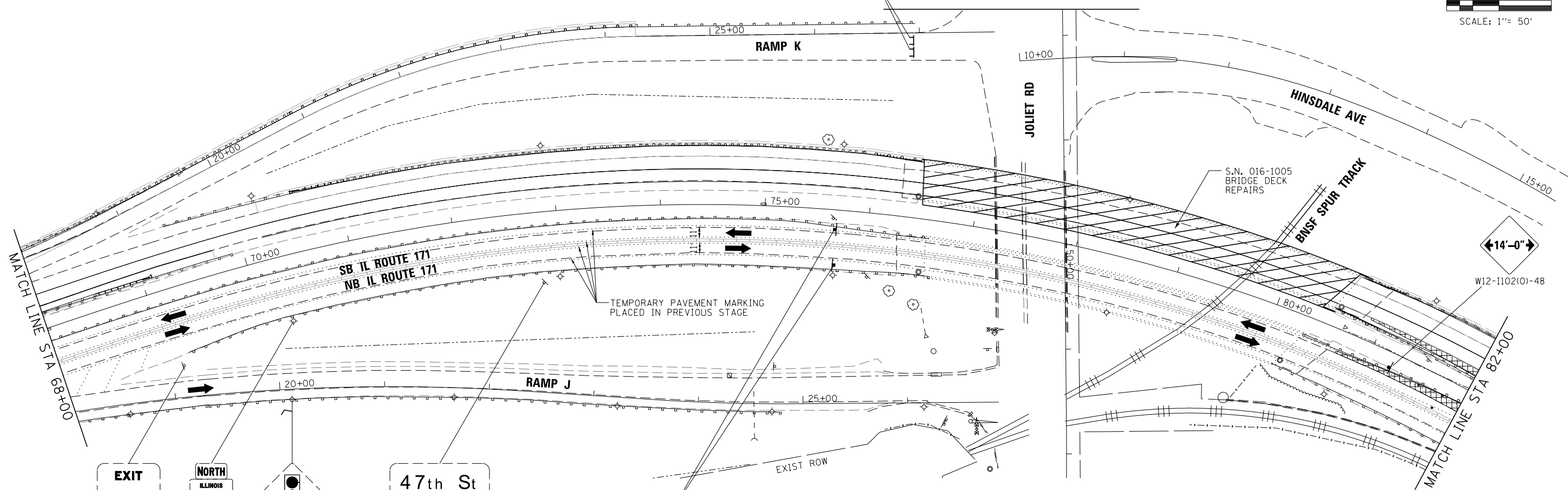
**MAINTENANCE OF TRAFFIC  
STAGE 1C**

SCALE: 1"=50' SHEET 45 OF 50 SHEETS STA. TO STA.

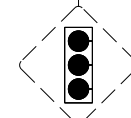
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	106
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**ROAD CLOSED**  
R11-2-4830  
ABOVE TYPE III  
BARRICADE
























**EXIT**  
NORTH  
ILLINOIS  
171



47th St  
1/2 MILE

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

**LEGEND**

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

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-IL171-Mot-St1c-SB-06.dgn	DRAWN - TMB	REVISED -
USER NAME = agibson	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1C**

SCALE: 1"=50' SHEET 46 OF 50 SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	107
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

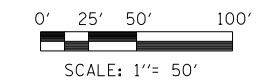
M3-3-3618  
M1-5-4536  
M6-3-3021

**SOUTH**  
**ILLINOIS**  
**171**  
↑

BACK-TO-BACK

**KEEP**  
**OFF**  
**MEDIAN**  
**KEEP**  
**OFF**  
**MEDIAN**

W1-4AL(O)-48



EXIST ROW

20+00

25+00

MATCH LINE STA 82+00

MATCH LINE STA 96+00

TEMPORARY PAVEMENT MARKING  
PLACED IN PREVIOUS STAGE

86+19.16  
34.00' RT

87+21.67  
22.55' RT

**END**  
**WORK**  
**ZONE**  
**SPEED**  
**LIMIT**

G20-1103(O)-3660






















**EXPY ENDS 1/2 MILE**

**ILLINOIS**  
**171**  
**NORTH**

1st Ave

47th St

**LEGEND**

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

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USER NAME = aelessy	CHECKED - JMM	REVISED -
PLOT DATE = 8/20/2014	DATE - 6/23/2014	REVISED -



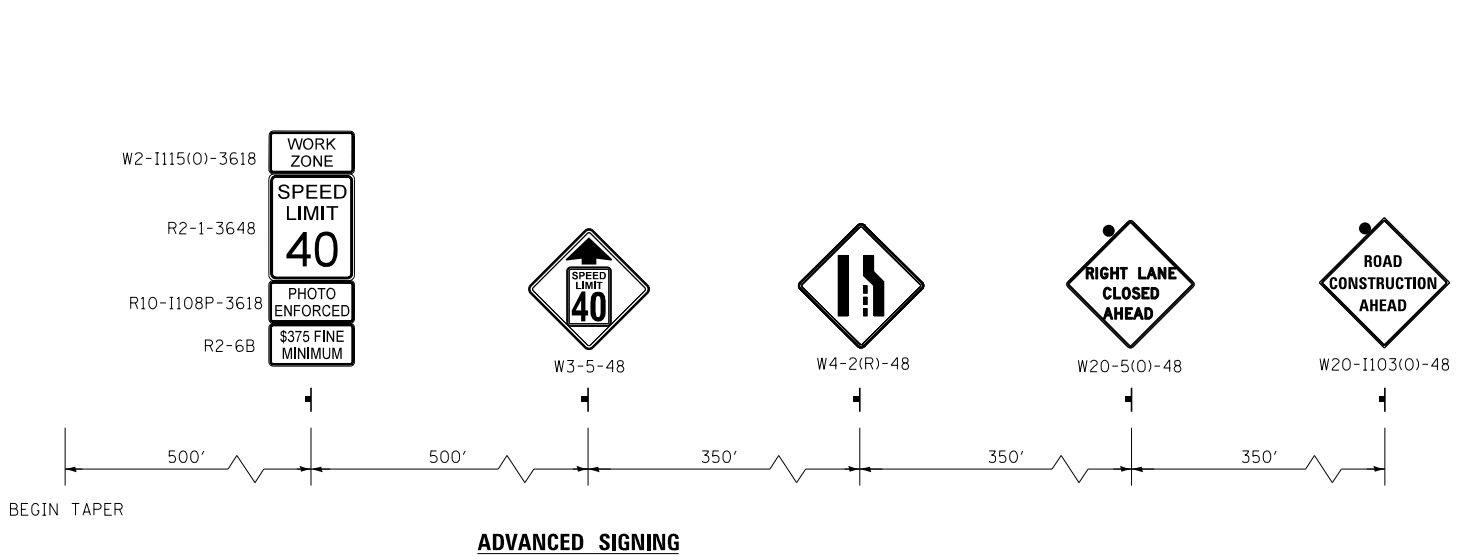
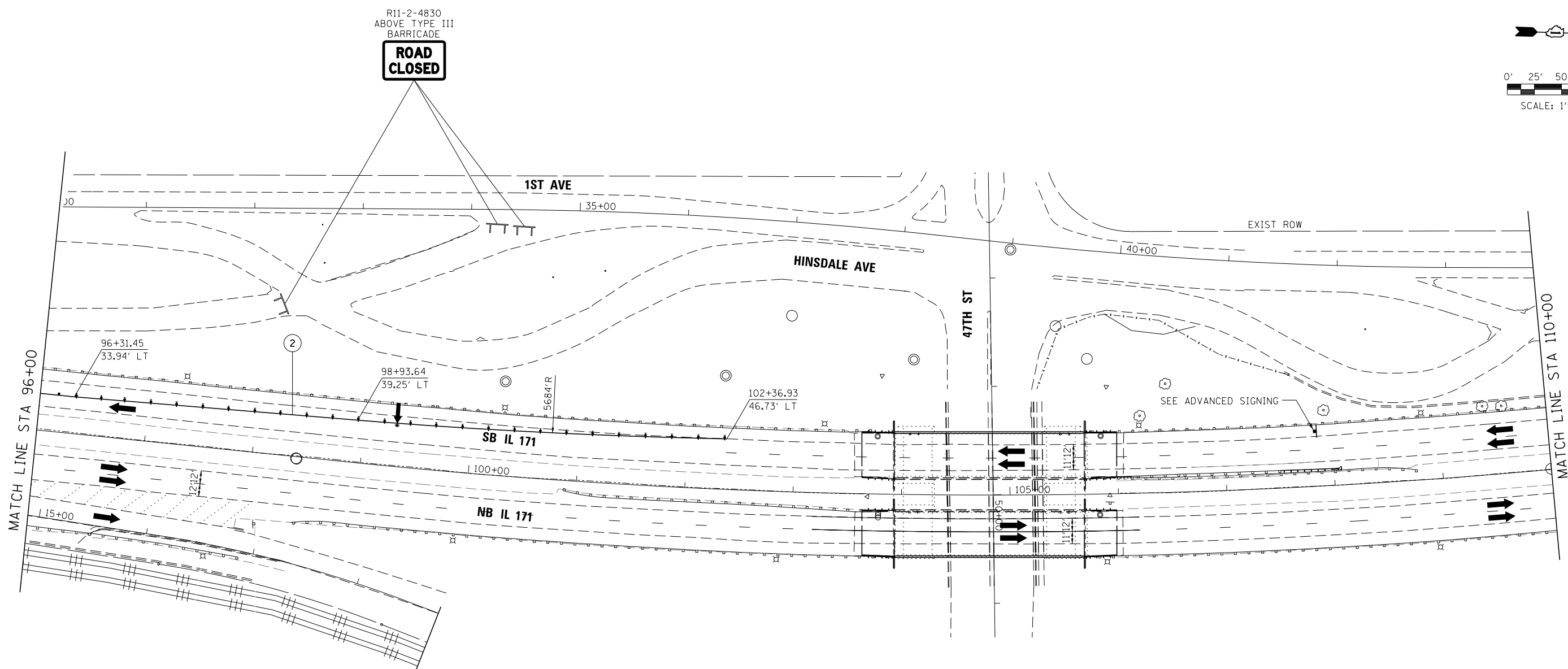
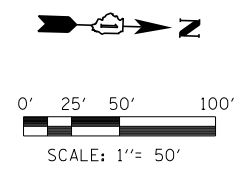
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=50' SHEET 47 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	108
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	





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

FILE NAME = ...\\D160J16-sht-IL171-Mot-Strc-SB-08.dgn	DESIGNED - AAA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC</b> <b>STAGE 1C</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = jmajewski	DRAWN - TMB	REVISED -					372/373	2013-038B-R	COOK	821	109
PLOT DATE = 8/20/2014	CHECKED - JMM	REVISED -			CONTRACT NO. 60J16						
DATE = 6/23/2014	REVISOR -	REVISED -			ILLINOIS FED. AID PROJECT						

EXISTING OVERHEAD SIGNS  
TO BE ADJUSTED AS SHOWN



Archer Ave  
55th St  
2 MILES



Chicago  
St Louis  
RIGHT 1 MILE

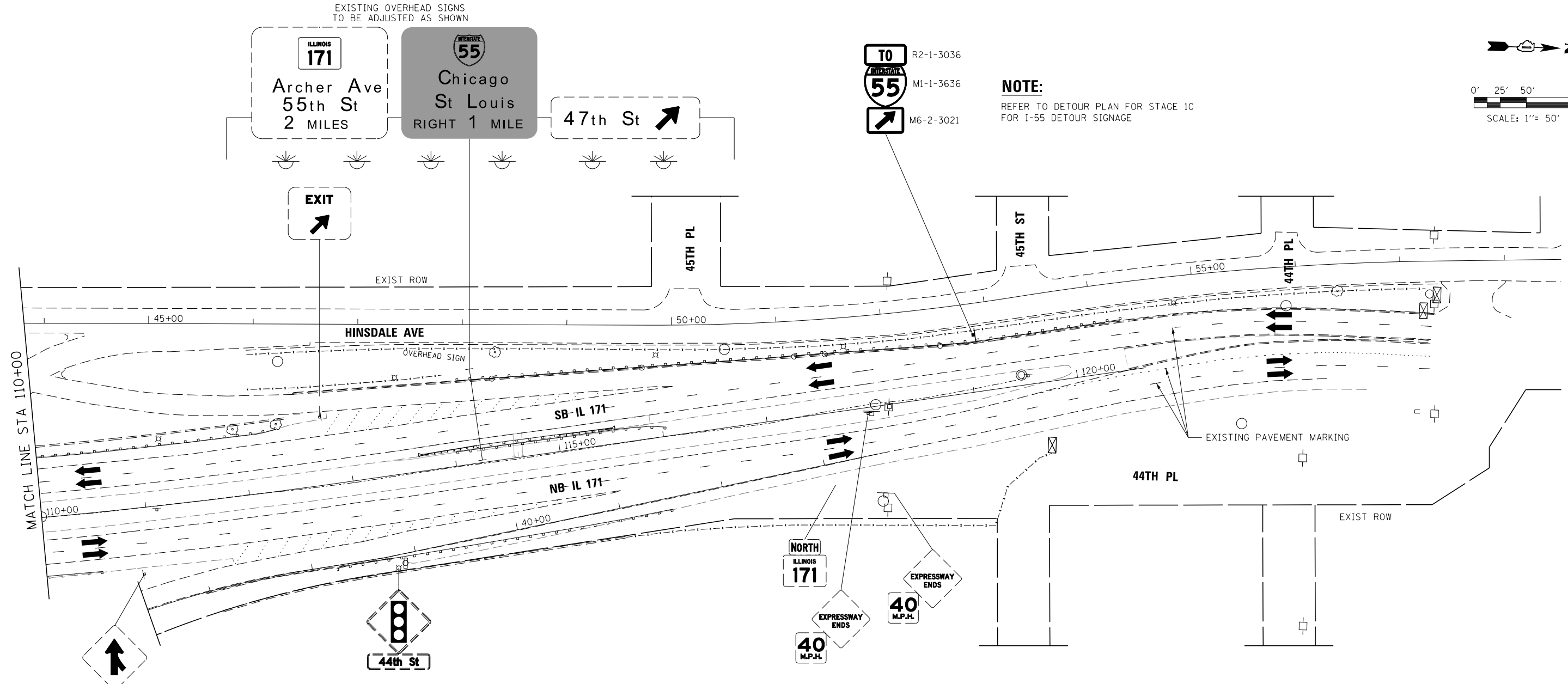
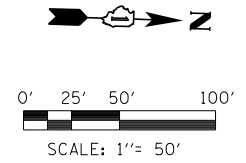
47th St



R2-1-3036  
M1-1-3636  
M6-2-3021

**NOTE:**

REFER TO DETOUR PLAN FOR STAGE 1C  
FOR I-55 DETOUR SIGNAGE



**LEGEND**

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

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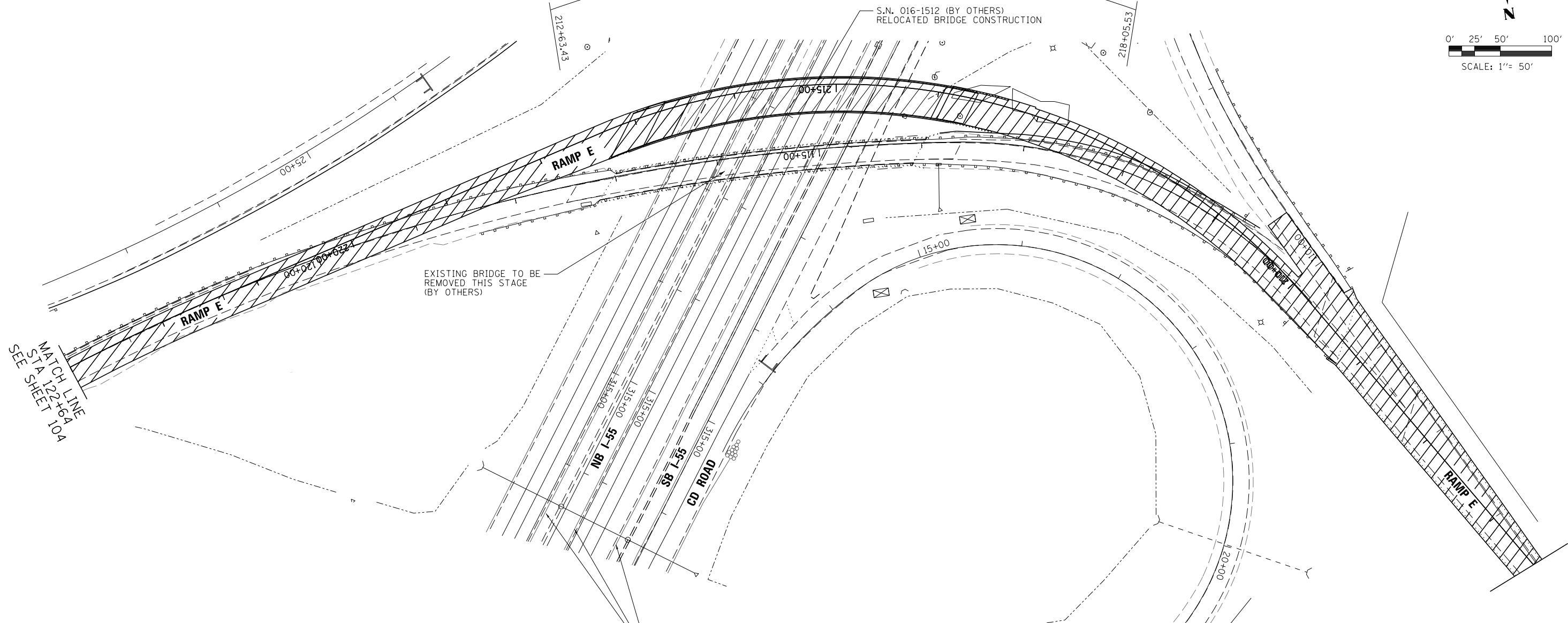
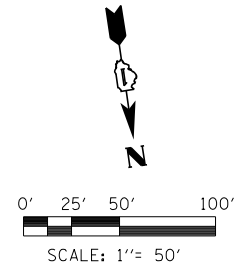
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
STAGE 1C

SCALE: 1"=50' SHEET 49 OF 50 SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	110
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

BRIDGE OMMISION S.N. 016-1512  
CONTRACT 60W77 (BY OTHERS)



**LEGEND**

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

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



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
STAGE 1C

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	111
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

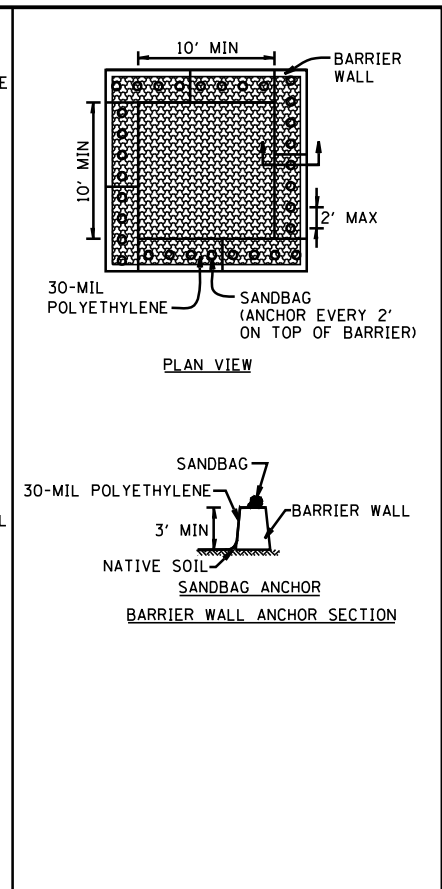
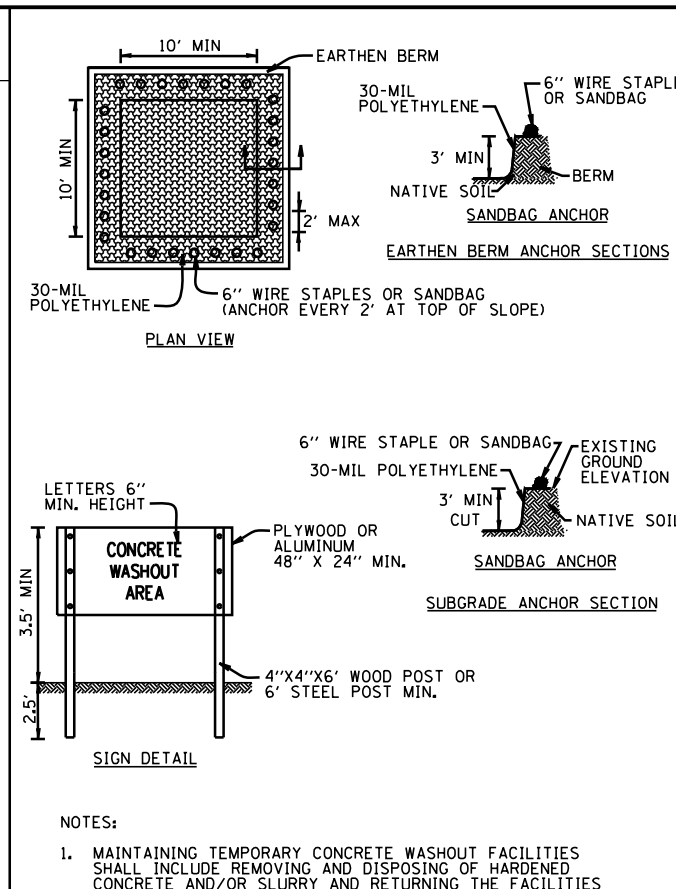
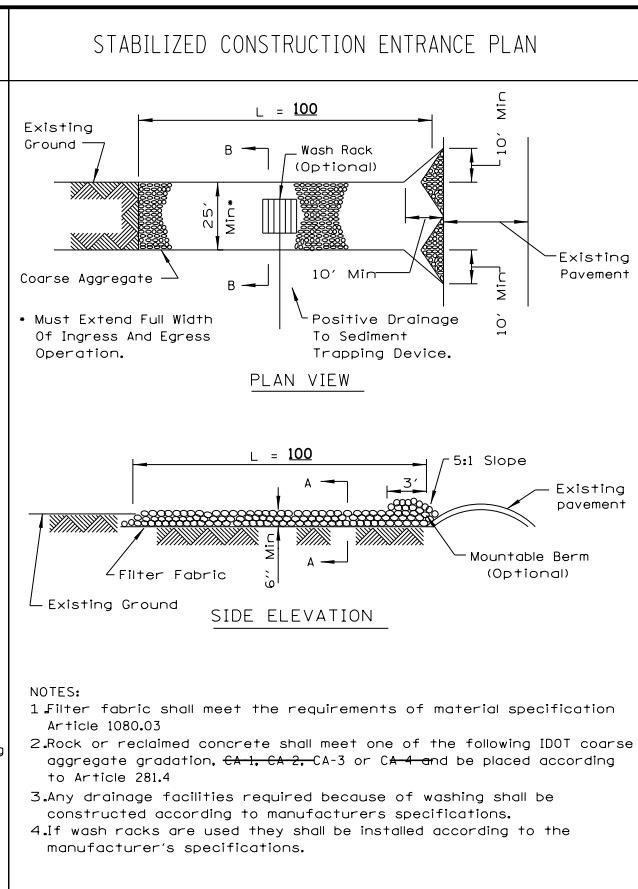
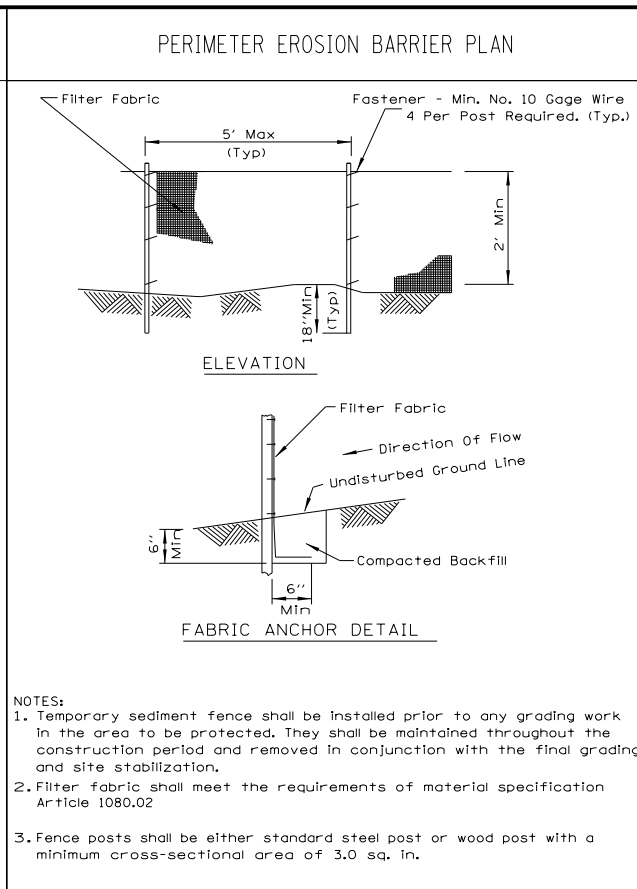
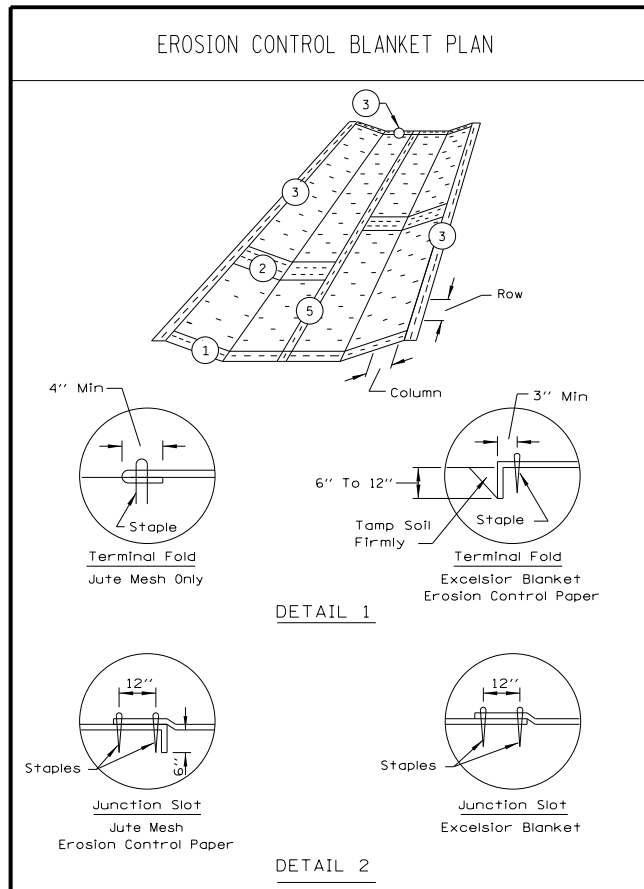
**GENERAL NOTES**

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. SPICING OF ELECTRICAL CABLE SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
3. EXCEPT WHERE MODIFIED BY THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS OR THE DETAILS IN THE PLANS, ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2014; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY 1996 FIFTH EDITION; THE "DETAILS" IN THE PLANS; AND THE "SPECIAL PROVISIONS" IN THE CONTRACT DOCUMENTS.
4. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT STANDARDS.
5. 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.
6. 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).
7. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, MUNICIPALITIES AND COOK COUNTY.
8. 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.
9. 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.
10. 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.
11. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
12. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS. STATIONS ARE SHOWN FOR REFERENCE ONLY.
13. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
14. 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.
15. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS AT THE DIRECTION OF THE ENGINEER. THIS WORK IS INCIDENTAL TO THE CONTRACT.
16. THE CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS AT THE DIRECTION OF THE PERMITTING AGENCIES. THIS WORK IS INCIDENTAL TO THE CONTRACT.
17. 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 - AAA	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL NOTES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \D160J16-sht-es-GenNotes-Det-01.dgn	DRAWN - TMB	REVISED -						372/373	2013-038B-R	COOK	821	112
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PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -			ILLINOIS FED. AID PROJECT							



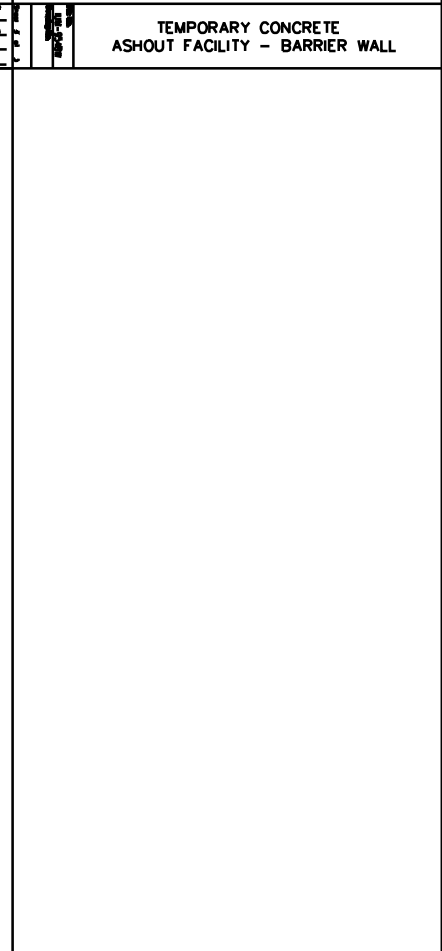
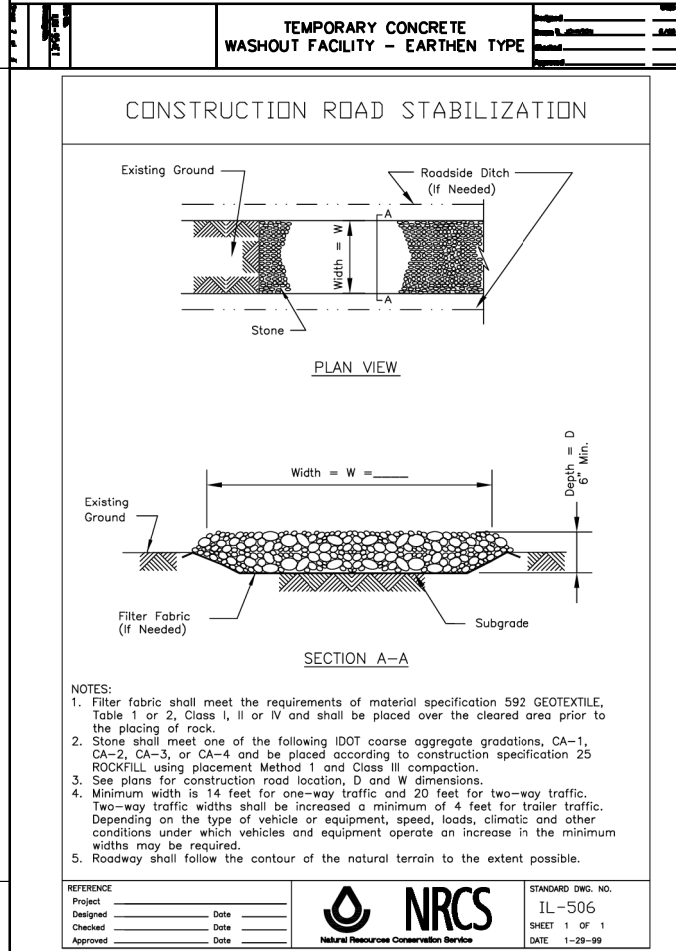
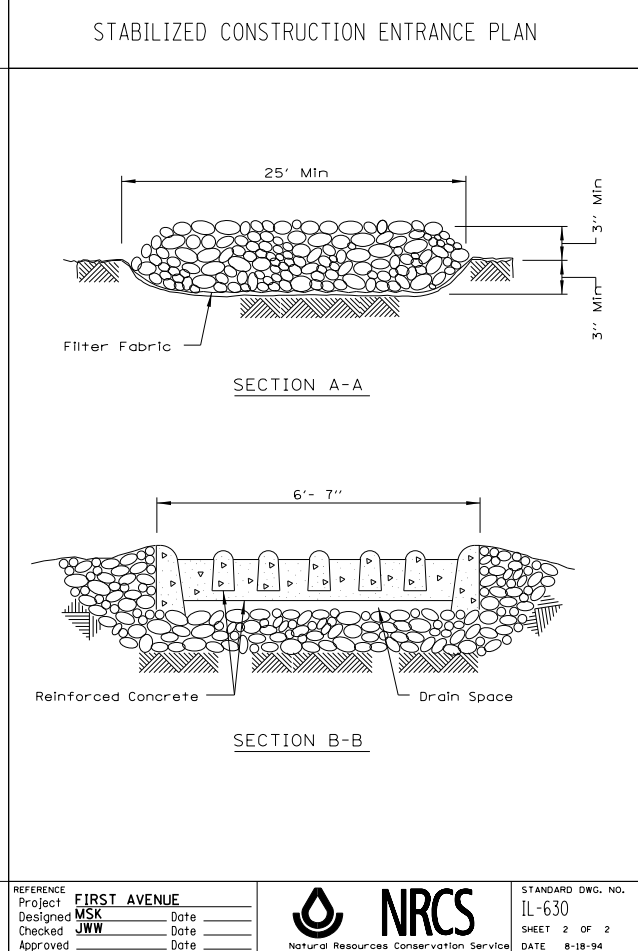
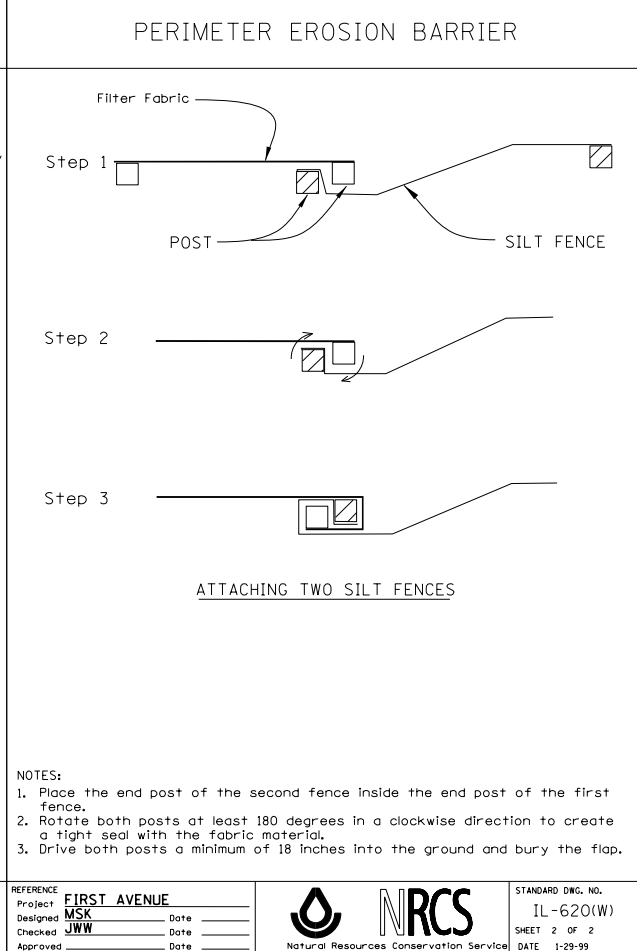
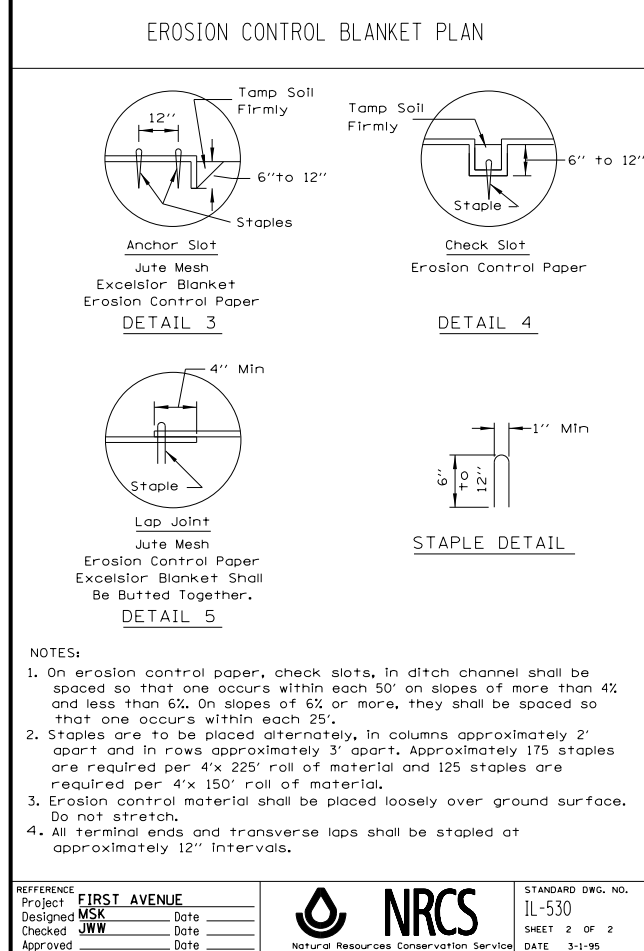
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REFERENCE PROJECT	FIRST AVENUE	DESIGNED	MSK	DATE	DATE	DATE	DATE
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APPROVED		DATE		DATE		DATE	

REFERENCE PROJECT	FIRST AVENUE	DESIGNED	MSK	DATE	DATE	DATE	DATE
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REFERENCE PROJECT	FIRST AVENUE	DESIGNED	MSK	DATE	DATE	DATE	DATE
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REFERENCE PROJECT	FIRST AVENUE	DESIGNED	MSK	DATE	DATE	DATE	DATE
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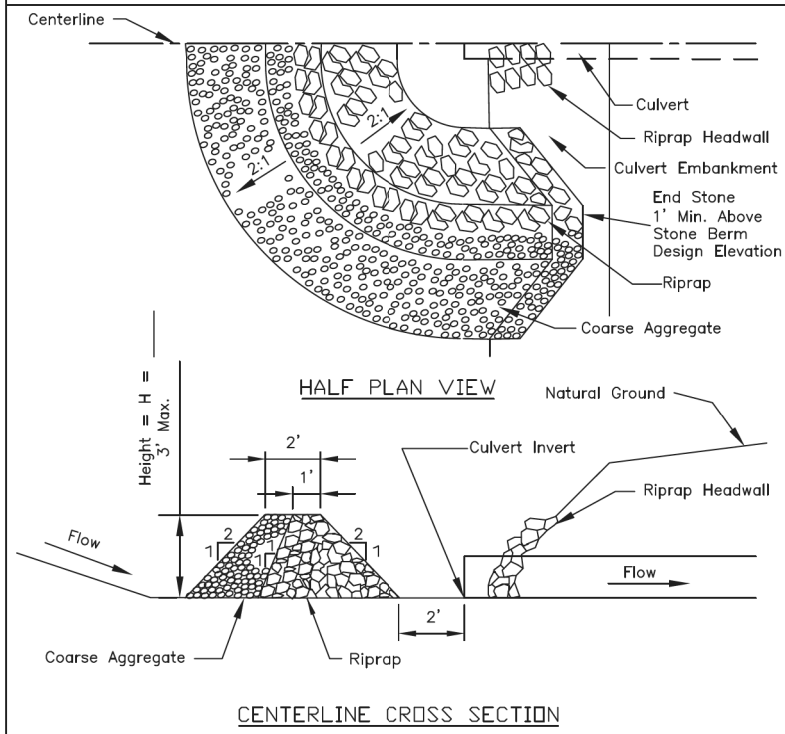
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL DETAILS**

SHEET 2 OF 13 SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	113
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				

### CULVERT INLET PROTECTION - STONE

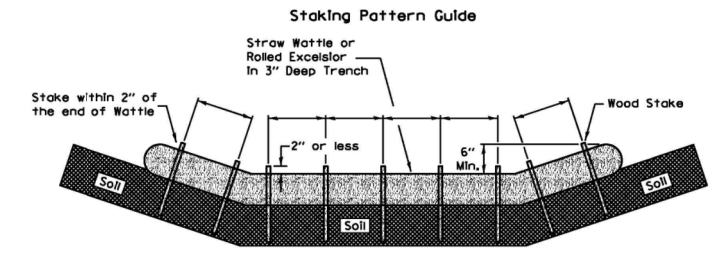


- Notes:
1. Sediment shall be removed when the sediment has accumulated to one-half the height of the stone berm.
  2. Coarse aggregate shall meet one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4.
  3. Riprap shall meet IDOT gradation RR-3 or RR-4. Any permanent riprap, 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.

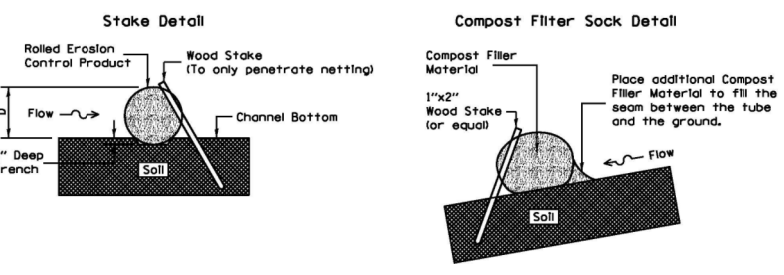
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Project _____		IL-508ST
Designed _____ Date _____		SHEET 1 OF 1
Checked _____ Date _____		DATE 1-29-99
Approved _____ Date _____		

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

### ROLLED EROSION CONTROL PRODUCTS



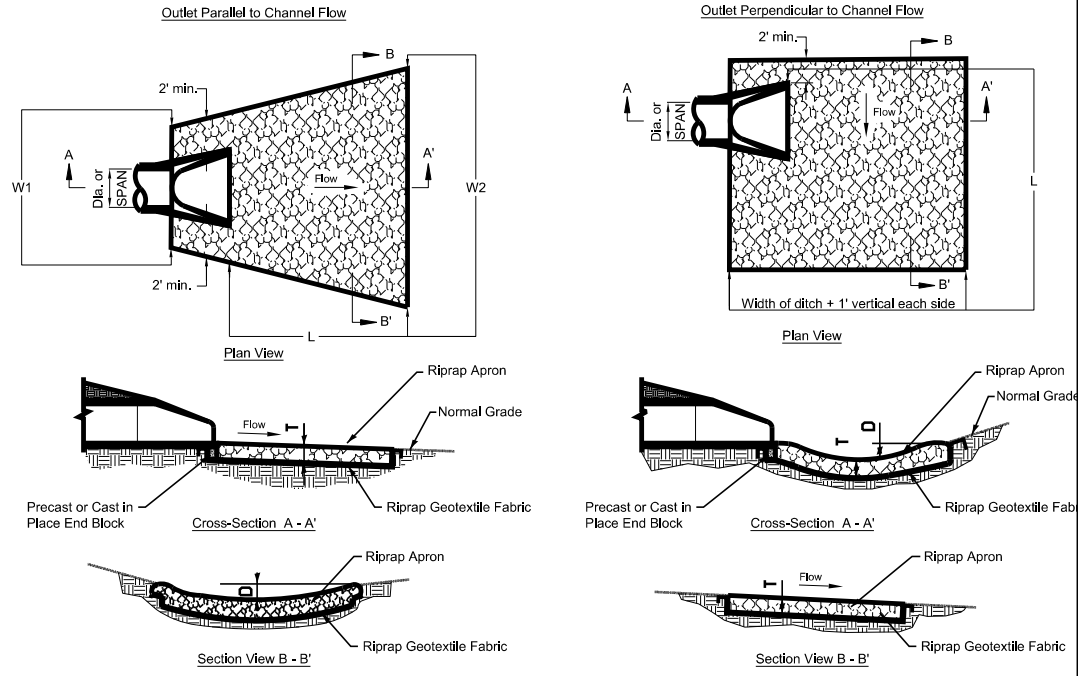
- Notes:
1. Overlap minimum is the diameter of the roll.
  2. 4' spacing for wattles.
  3. 2' spacing for rolled excelsior.
  4. Or space according to manufacturer's specifications.



- 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. Spacing: 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 _____ Date _____		SHEET 1 OF 1
Checked _____ Date _____		DATE 8-19-11
Approved _____ Date _____		

**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

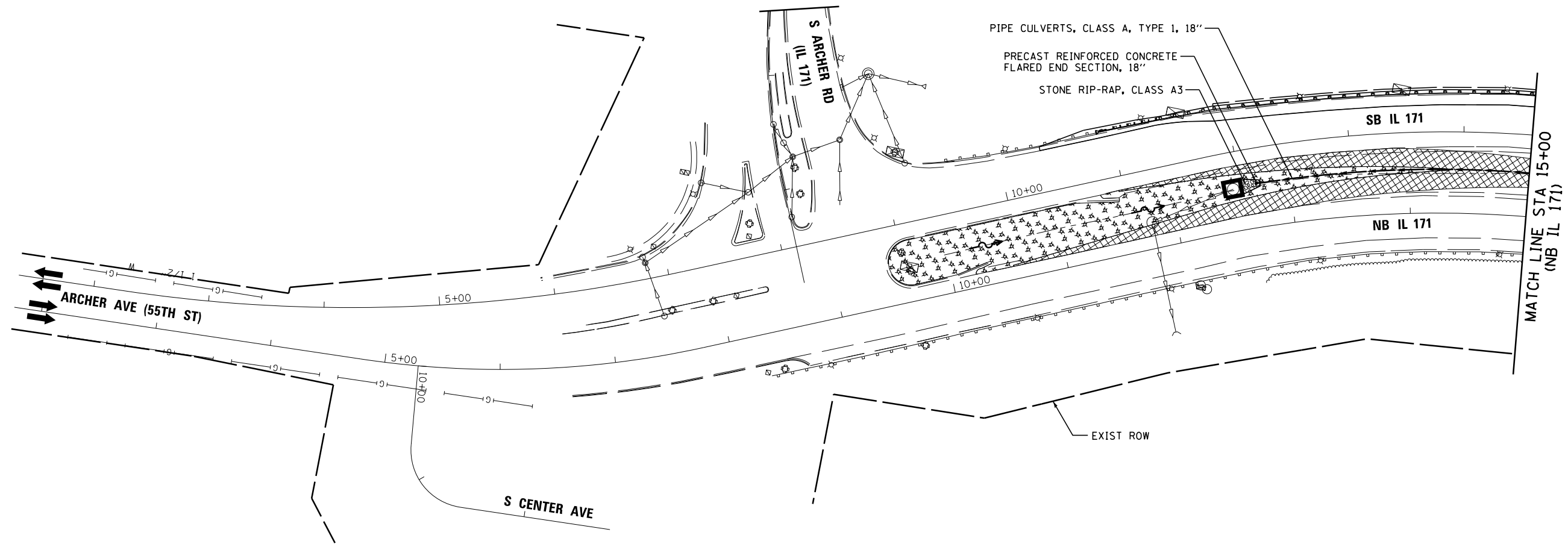
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS  
SHEET 3 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	114
CONTRACT NO. 60J16				
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
- TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE

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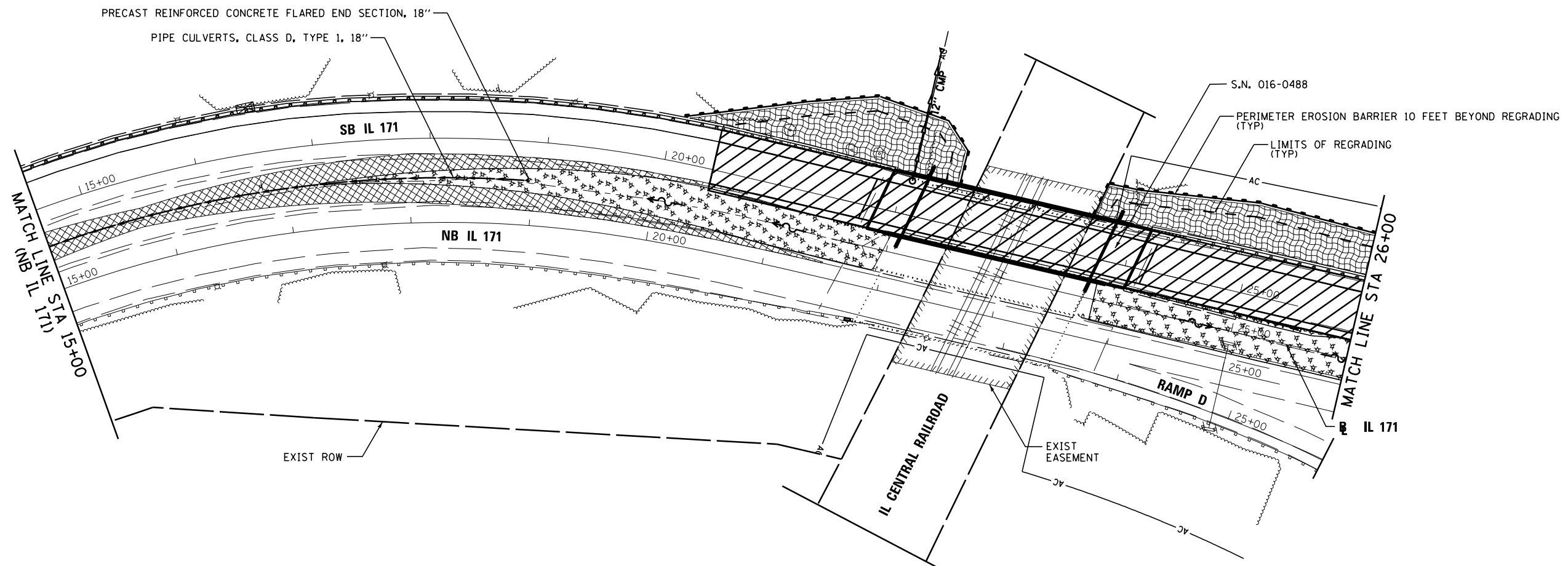


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL  
IL 171

SCALE: 1"=50' SHEET 4 OF 13 SHEETS STA. 10+36.43 TO STA. 15+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	115
CONTRACT NO. 60J16			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
- TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE

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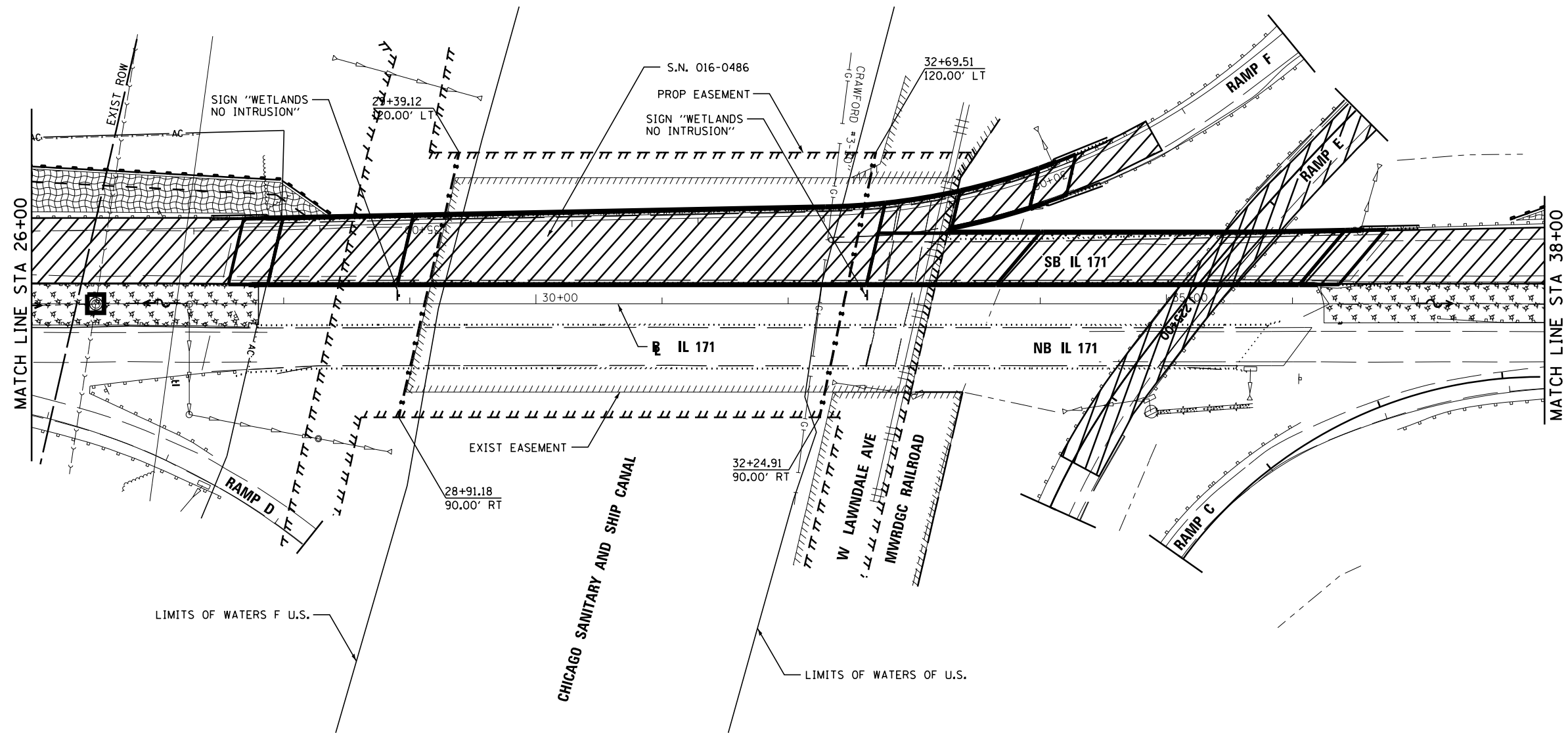


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION CONTROL IL 171</b>			
SCALE: 1"=50'	SHEET 5 OF 13 SHEETS	STA. 15+00.00 TO STA. 26+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	116
<b>CONTRACT NO. 60J16</b>				
<small>ILLINOIS FED. AID PROJECT</small>				





**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
- ▩ TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE

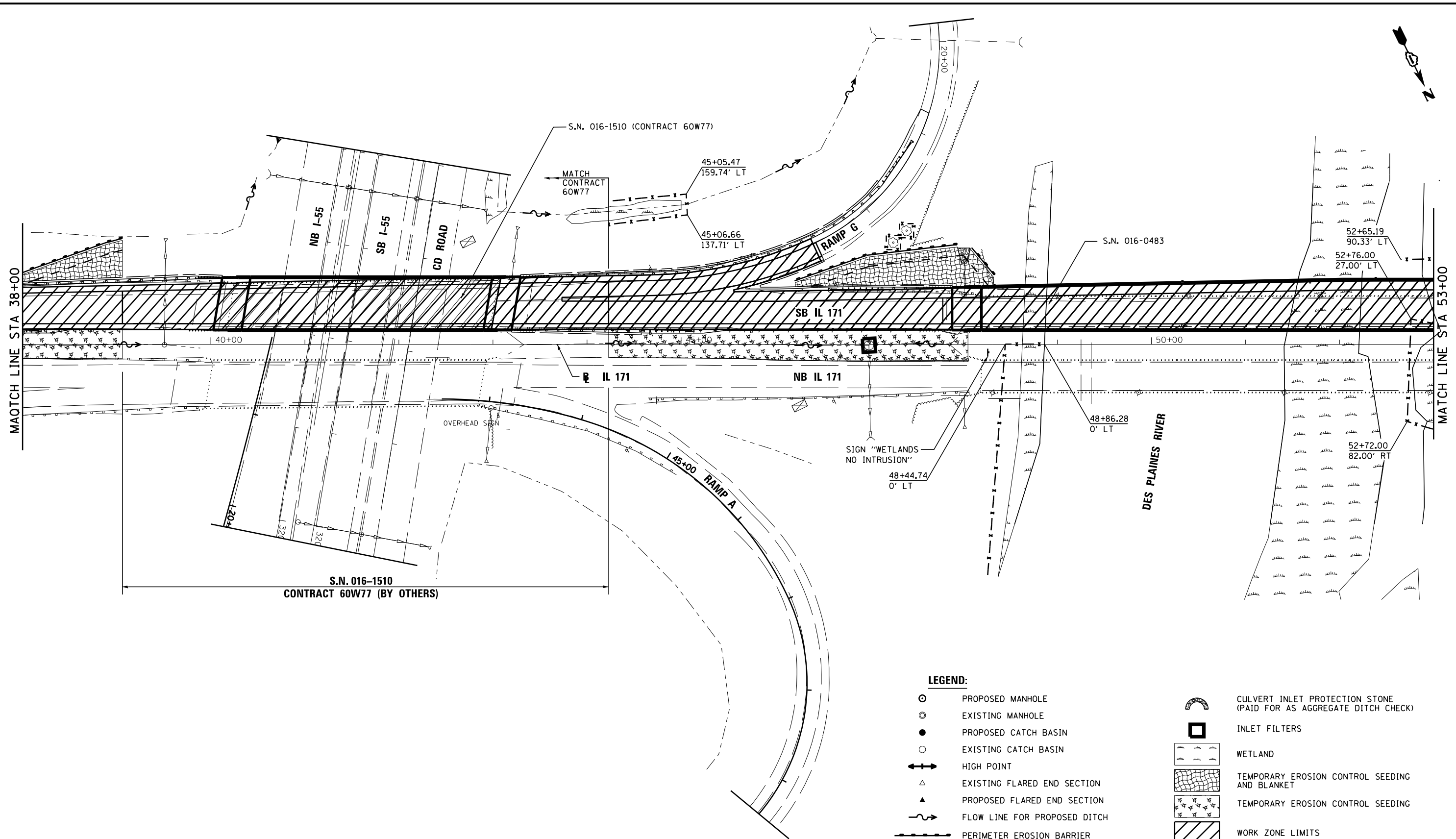
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION CONTROL IL 171</b>	
SCALE: 1"=50'	SHEET 6 OF 13 SHEETS STA. 26+00.00 TO STA. 38+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	117
<b>CONTRACT NO. 60J16</b>				
<small>ILLINOIS FED. AID PROJECT</small>				



**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
- ▨ TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE

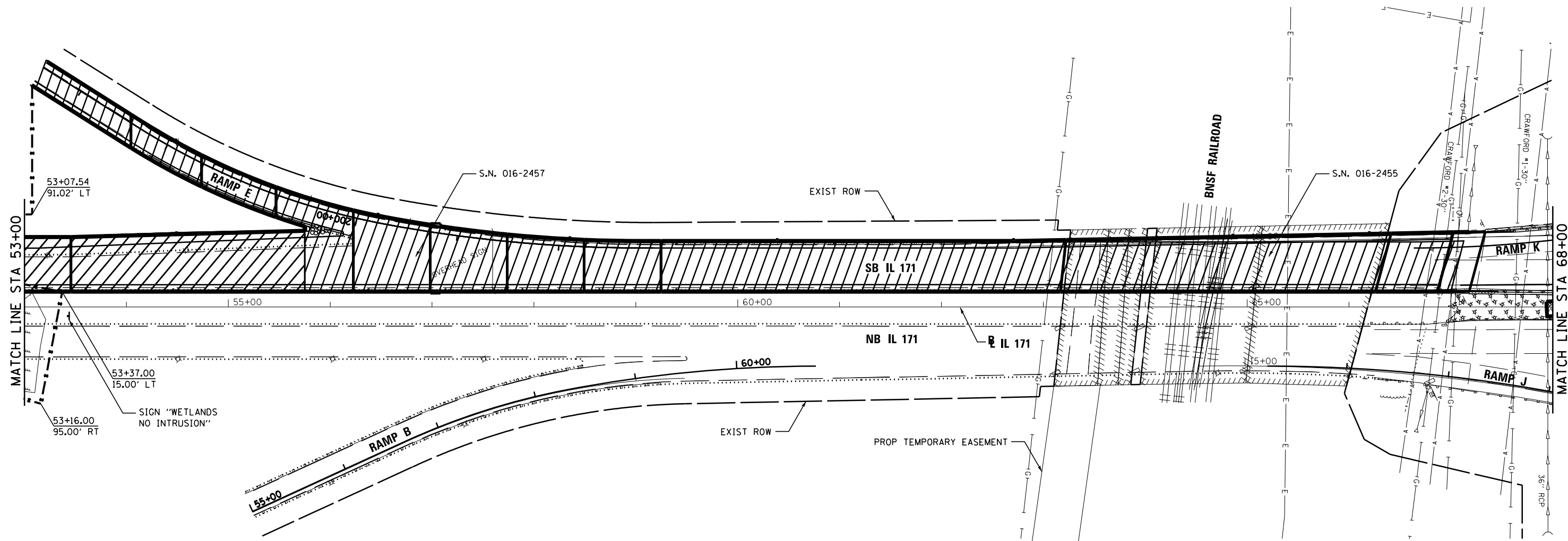
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION CONTROL IL 171</b>			
SCALE: 1"=50'	SHEET 7 OF 13 SHEETS	STA. 38+00.00 TO STA. 53+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	118
CONTRACT NO. 60J16			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
- ▨ TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE

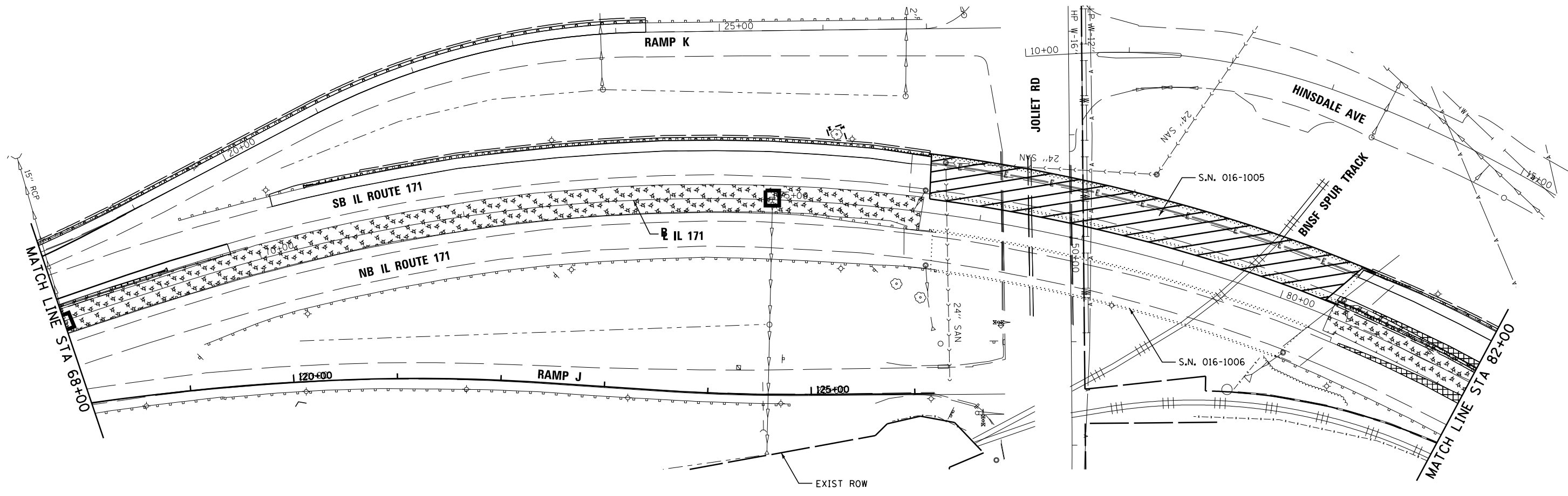
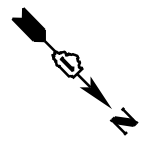
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION CONTROL IL 171</b>	
SCALE: 1"=50'	SHEET 8 OF 13 SHEETS STA. 53+00.00 TO STA. 68+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	119
<b>CONTRACT NO. 60J16</b>			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
- ▩ TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE

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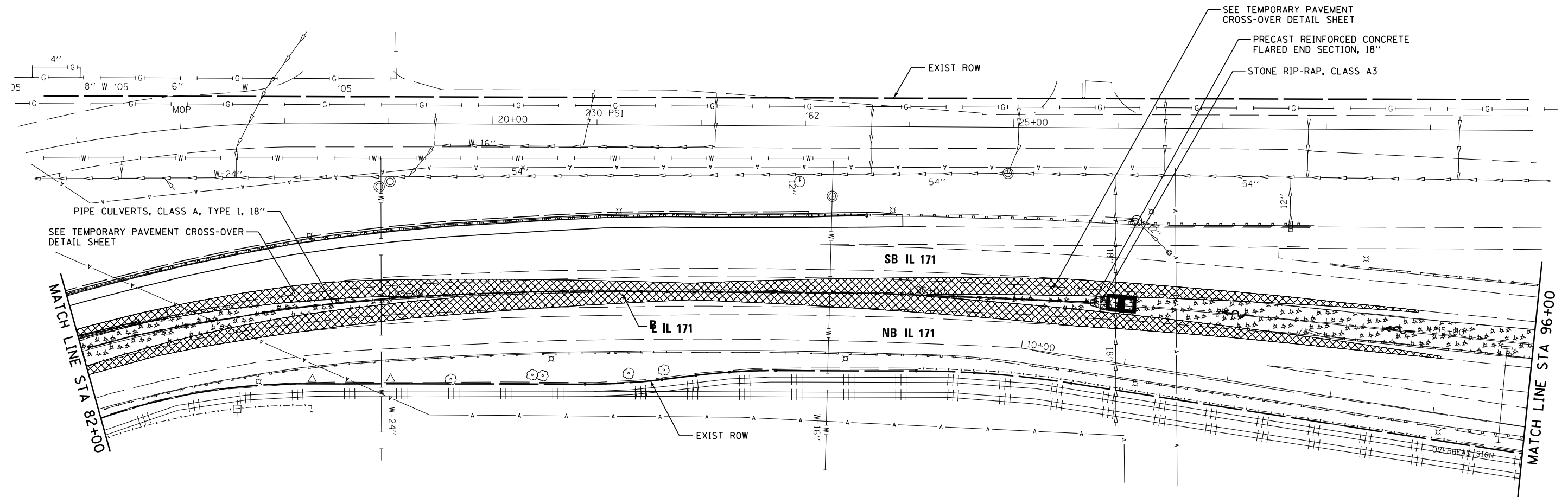


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL  
IL 171**

SCALE: 1"=50' SHEET 9 OF 13 SHEETS STA. 68+00.00 TO STA. 82+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	120
CONTRACT NO. 60J16			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
- ▨ TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE

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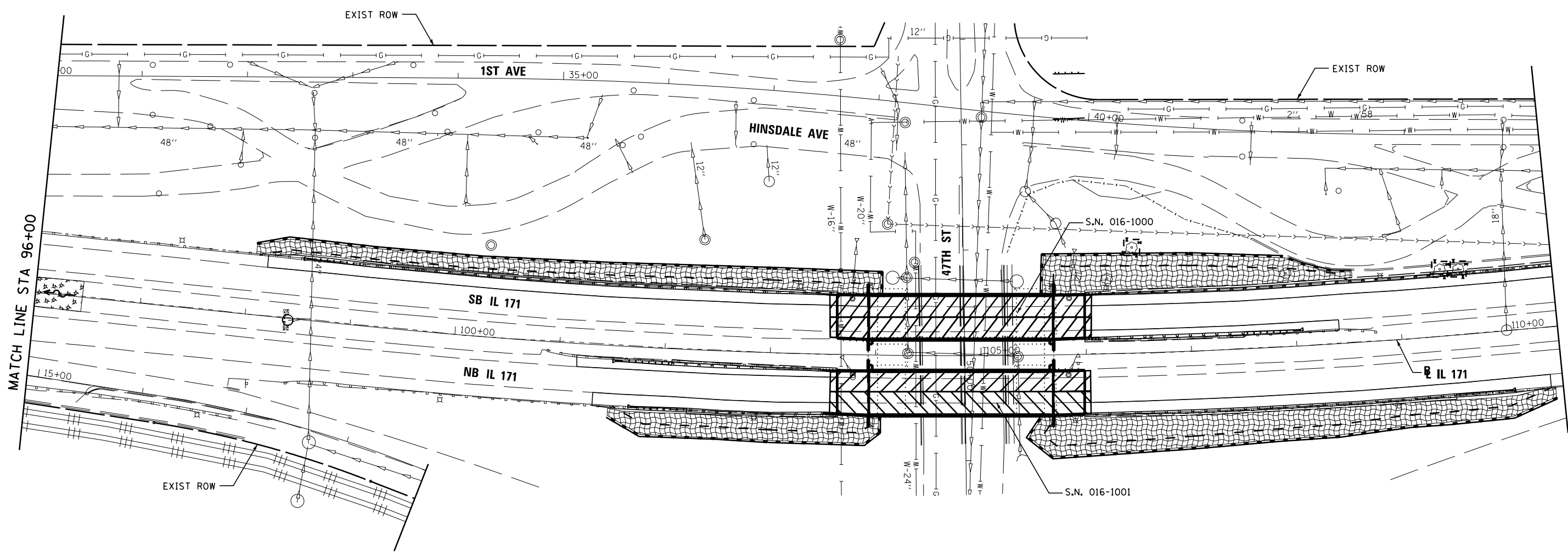


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL  
IL 171

SCALE: 1"=50' SHEET 10 OF 13 SHEETS STA. 82+00.00 TO STA. 96+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	121
CONTRACT NO. 60J16			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
- ▩ TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE

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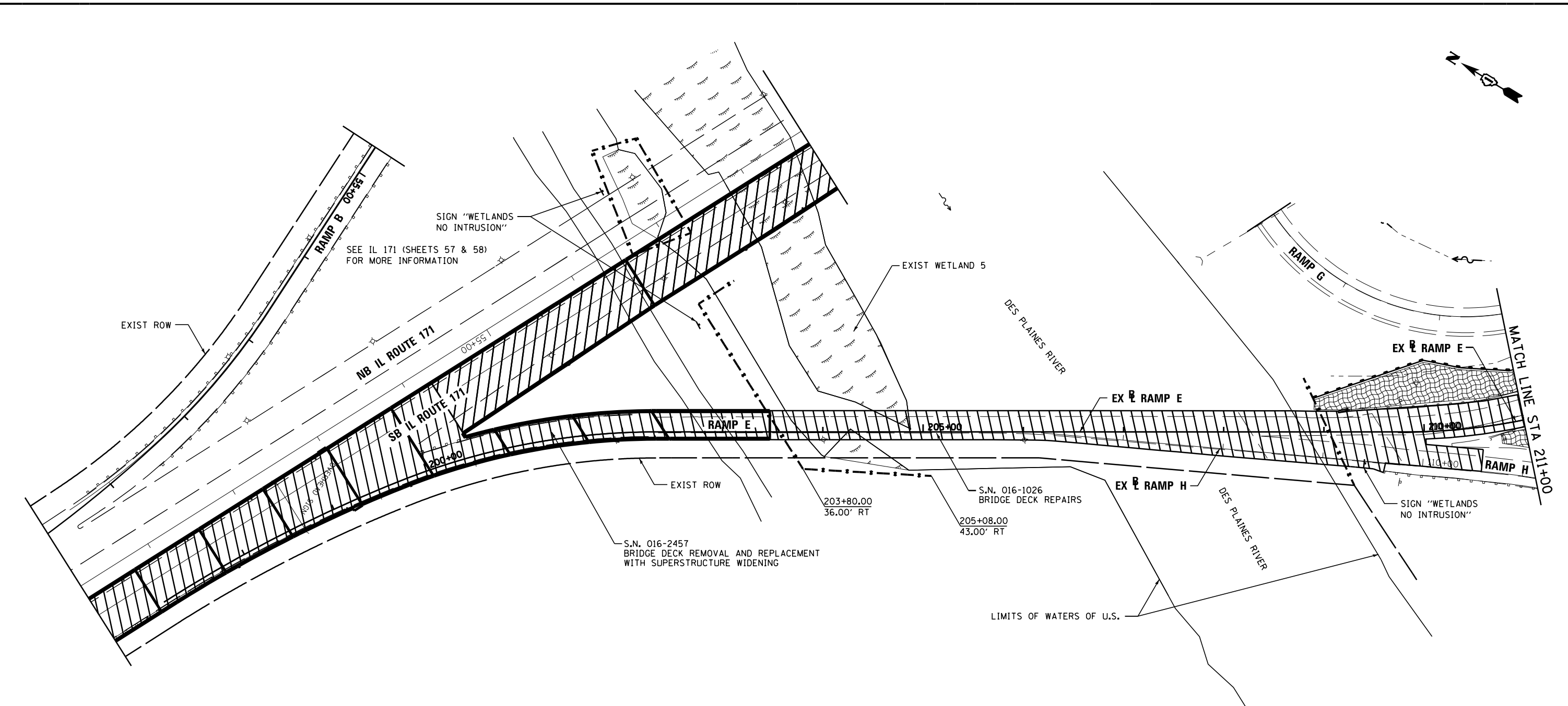
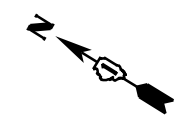


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL  
IL 171**

SCALE: 1"=50'    SHEET 11 OF 13 SHEETS    STA. 96+00.00 TO STA. 110+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	122
CONTRACT NO. 60J16			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
  - ▨ TEMPORARY PAVEMENT
  - x - x - TEMPORARY FENCE

FILE NAME =	DESIGNED - AAA	REVISED -
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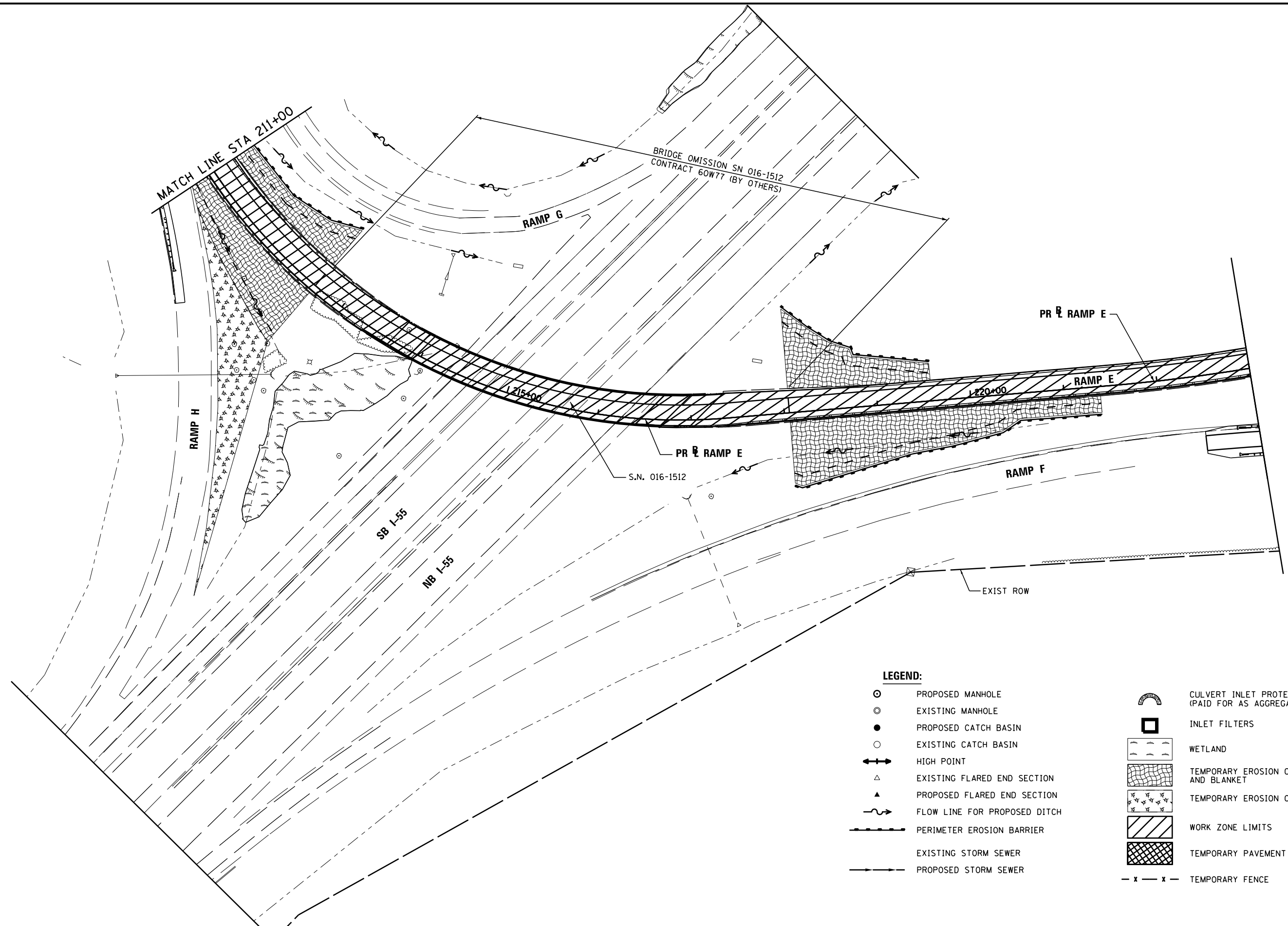


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL  
RAMP E**

SCALE: 1"=50' SHEET 12 OF 13 SHEETS STA. 209+59.86 TO STA. 211+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	123
CONTRACT NO. 60J16			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
- ▨ TEMPORARY PAVEMENT
- x - x - TEMPORARY FENCE

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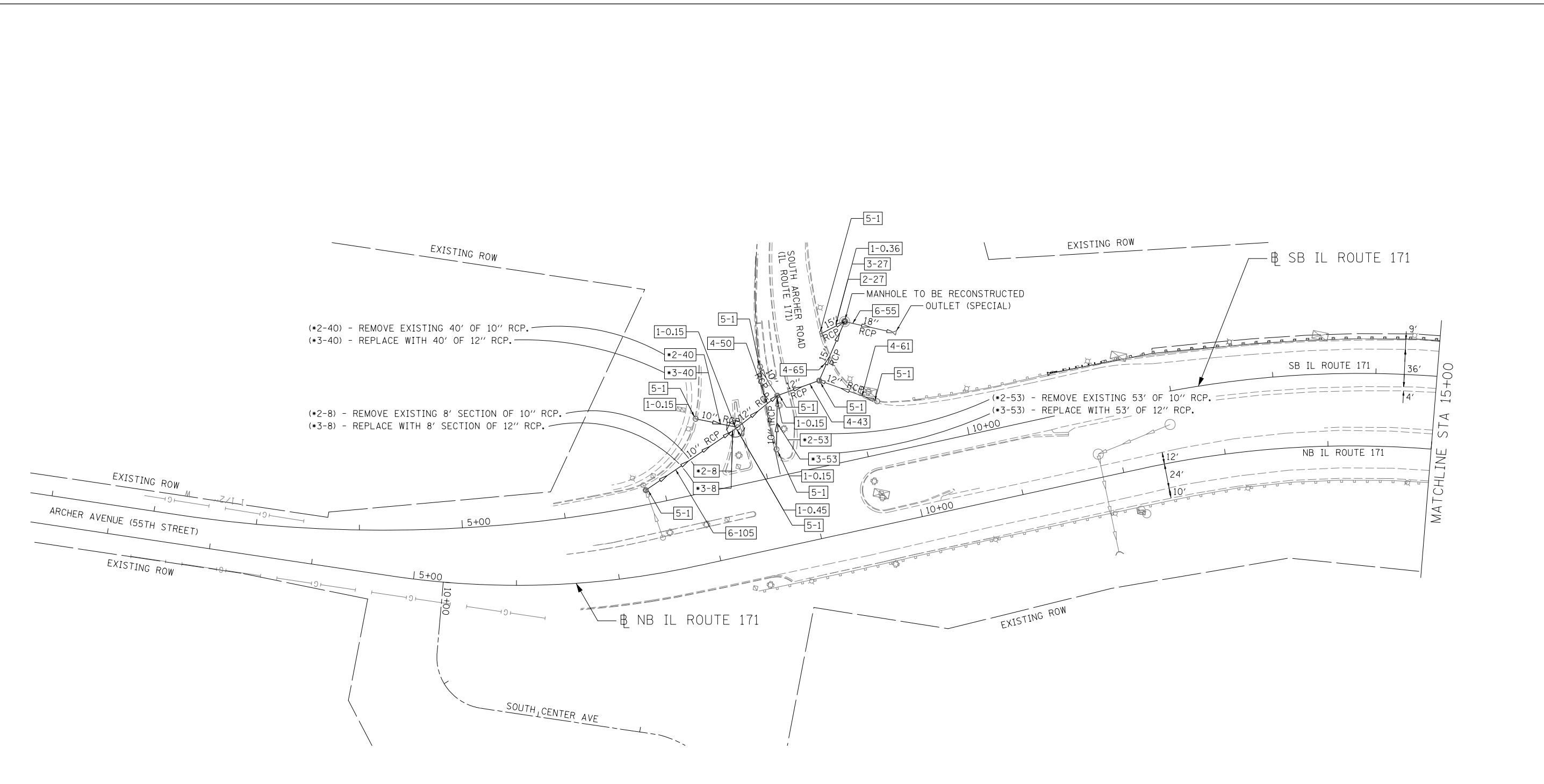
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL  
RAMP E**

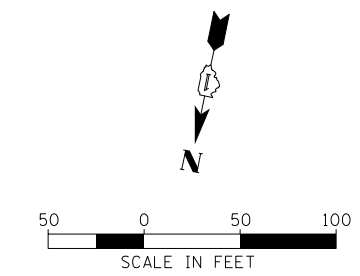
SCALE: 1"=50' SHEET 13 OF 13 SHEETS STA. 211+00.00 TO STA.223+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	124
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	





- LEGEND & QUANTITY**
- [MH-X] EXISTING MANHOLE
  - [1-X] CONCRETE COLLAR (CU. YD.)
  - [2-X] STORM SEWER OR PIPE DRAIN REMOVAL (FT.)
  - [3-X] STORM SEWER OR PIPE DRAIN INSTALLATION (FT.)
  - [4-X] CURED-IN-PLACE LINER (FT.)
  - [5-X] DRAINAGE STRUCTURES TO BE CLEANED (EA.)
  - [6-X] STORM SEWER TO BE CLEANED (FT.)
  - [7-X] END SECTIONS (EA.)
  - [8-X] DRAINAGE STRUCTURE TO BE REMOVED (EA.)



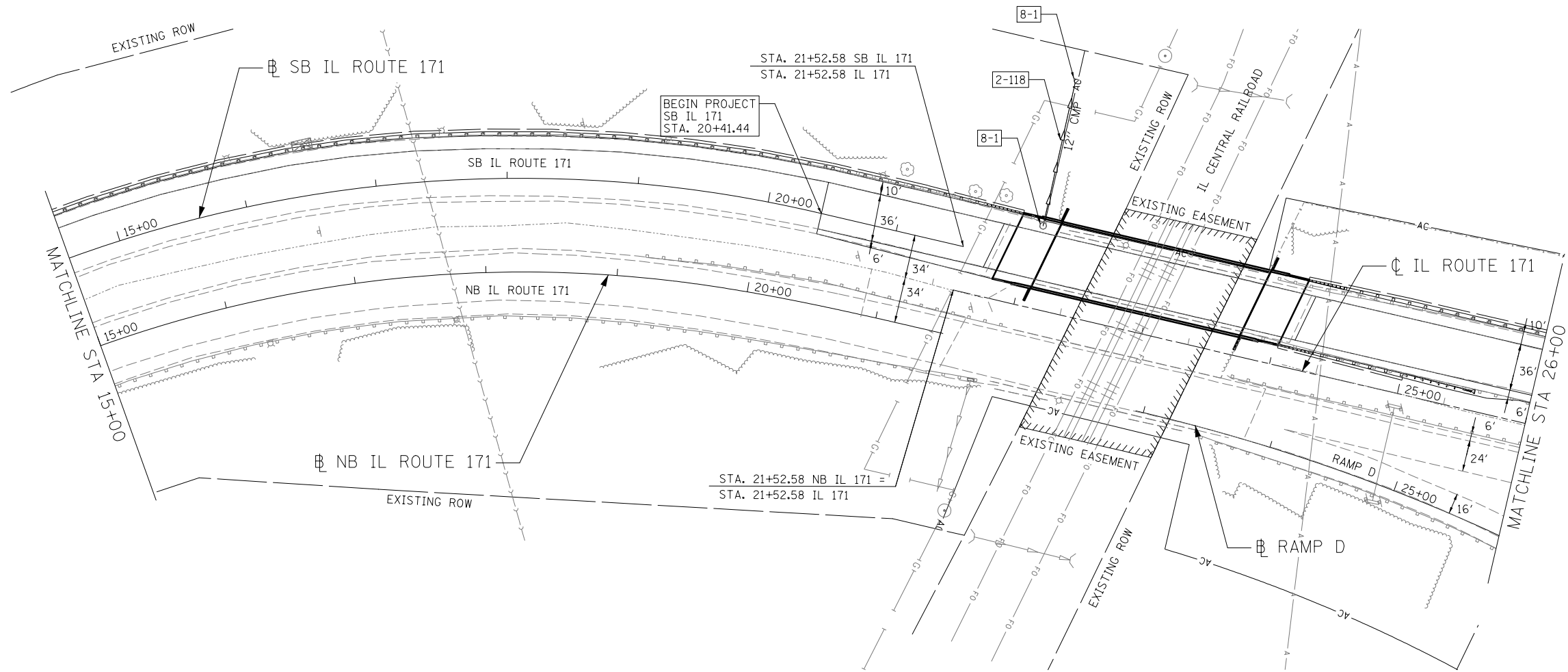
**Lin Engineering, Ltd.**  
 Consulting Engineers  
 Westmont, Illinois

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

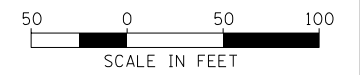
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SCALE: 1"=50'	SHEET NO. 1 OF 9 SHEETS	STA. 1+24.28 TO STA. 15+00.00

F.A.P. RTE. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 125
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				



**LEGEND & QUANTITY**

- MH-X EXISTING MANHOLE
- 1-X CONCRETE COLLAR (CU. YD.)
- 2-X STORM SEWER OR PIPE DRAIN REMOVAL (FT.)
- 3-X STORM SEWER OR PIPE DRAIN INSTALLATION (FT.)
- 4-X CURED-IN-PLACE LINER (FT.)
- 5-X DRAINAGE STRUCTURES TO BE CLEANED (EA.)
- 6-X STORM SEWER TO BE CLEANED (FT.)
- 7-X END SECTIONS (EA.)
- 8-X DRAINAGE STRUCTURE TO BE REMOVED (EA.)



**Lin Engineering, Ltd.**  
 Consulting Engineers  
 Westmont, Illinois

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

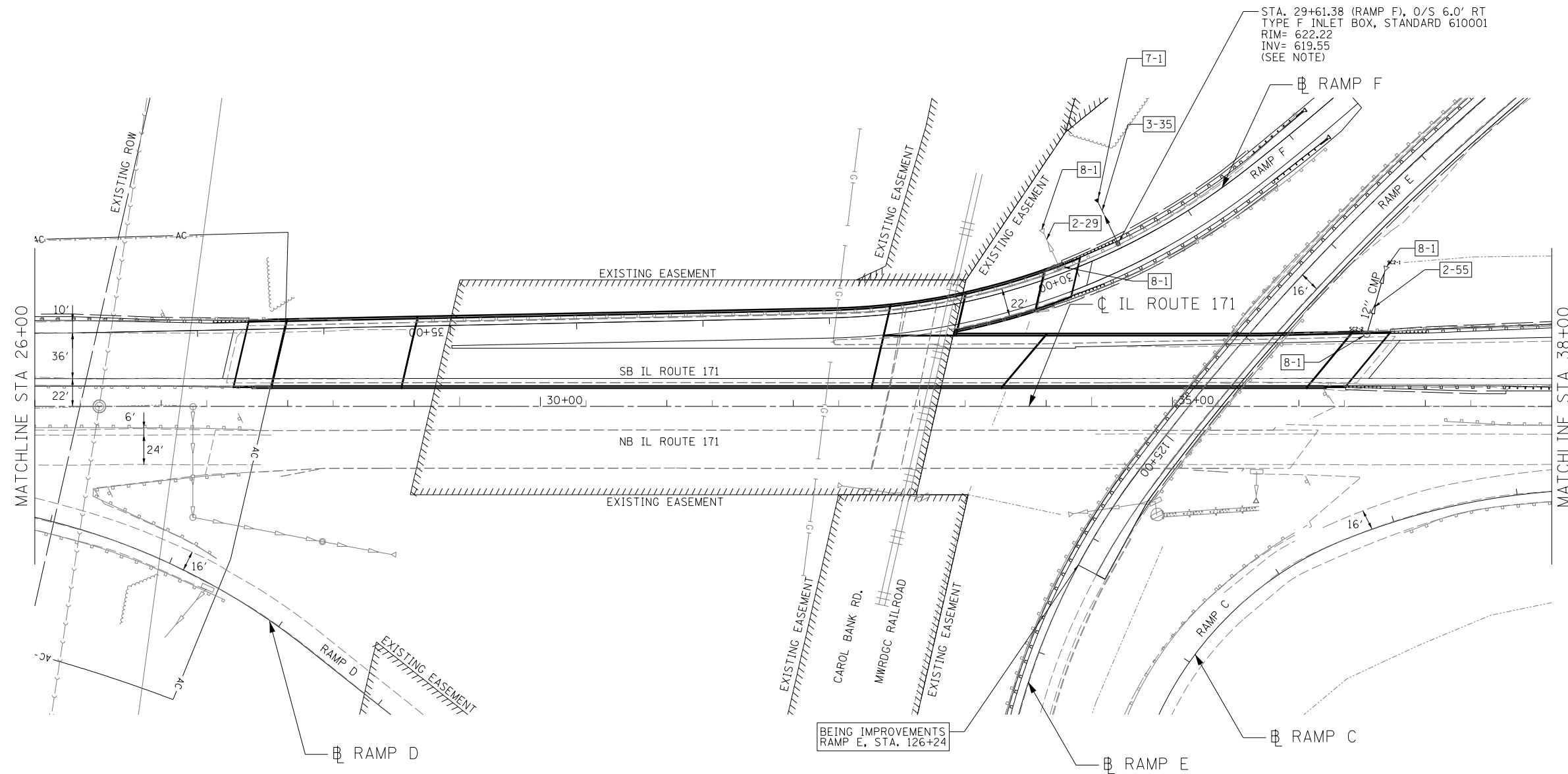
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 171  
 EXISTING STORM SEWER DRAINAGE PLAN**

SCALE: 1"=50'    SHEET NO. 2 OF 9 SHEETS    STA. 15+00.00 TO STA. 26+00.00

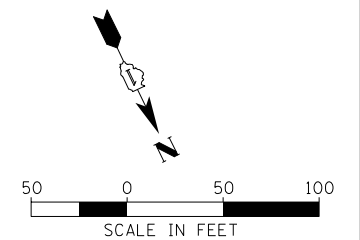
F.A.P. RTE. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 126
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				

NOTE: STATION AND OFFSET FOR TYPE F INLET BOX CALLED OUT TO FACE OF GUARDRAIL/OUTSIDE EDGE OF INLET BOX. SEE STANDARD 610001 FOR MORE DETAIL.



**LEGEND & QUANTITY**

- [MH-X] EXISTING MANHOLE
- [1-X] CONCRETE COLLAR (CU. YD.)
- [2-X] STORM SEWER OR PIPE DRAIN REMOVAL (FT.)
- [3-X] STORM SEWER OR PIPE DRAIN INSTALLATION (FT.)
- [4-X] CURED-IN-PLACE LINER (FT.)
- [5-X] DRAINAGE STRUCTURES TO BE CLEANED (EA.)
- [6-X] STORM SEWER TO BE CLEANED (FT.)
- [7-X] END SECTIONS (EA.)
- [8-X] DRAINAGE STRUCTURE TO BE REMOVED (EA.)



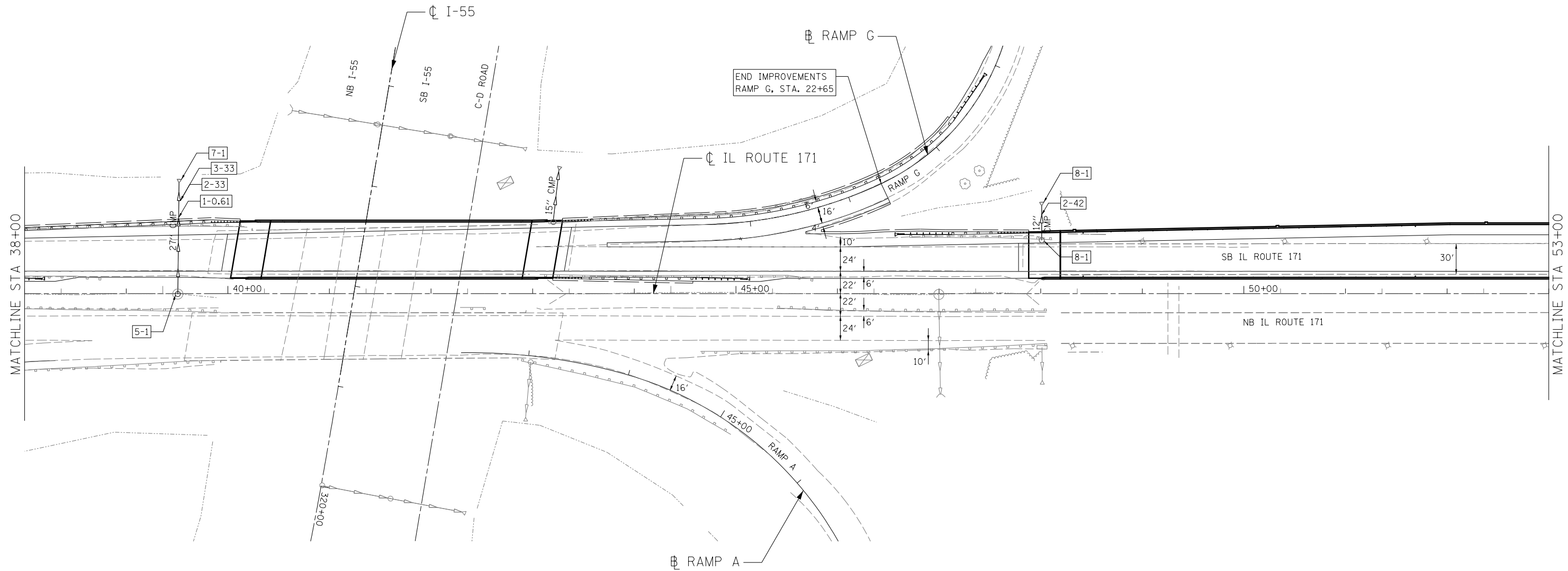
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PLOT DATE = 6/23/2014	CHECKED - CRV	REVISED -
	DATE - 6/23/2014	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 171  
EXISTING STORM SEWER DRAINAGE PLAN**

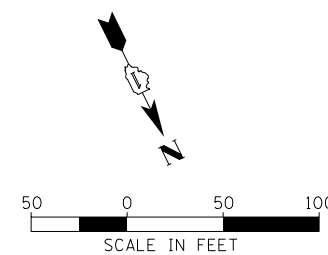
SCALE: 1"=50'    SHEET NO. 3 OF 9 SHEETS    STA. 26+00.00 TO STA. 38+00.00

F.A.P. RTE. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 127
				CONTRACT NO. 60J16
ILLINOIS FED. AID PROJECT				



**LEGEND & QUANTITY**

- [MH-X] EXISTING MANHOLE
- [1-X] CONCRETE COLLAR (CU. YD.)
- [2-X] STORM SEWER OR PIPE DRAIN REMOVAL (FT.)
- [3-X] STORM SEWER OR PIPE DRAIN INSTALLATION (FT.)
- [4-X] CURED-IN-PLACE LINER (FT.)
- [5-X] DRAINAGE STRUCTURES TO BE CLEANED (EA.)
- [6-X] STORM SEWER TO BE CLEANED (FT.)
- [7-X] END SECTIONS (EA.)
- [8-X] DRAINAGE STRUCTURE TO BE REMOVED (EA.)



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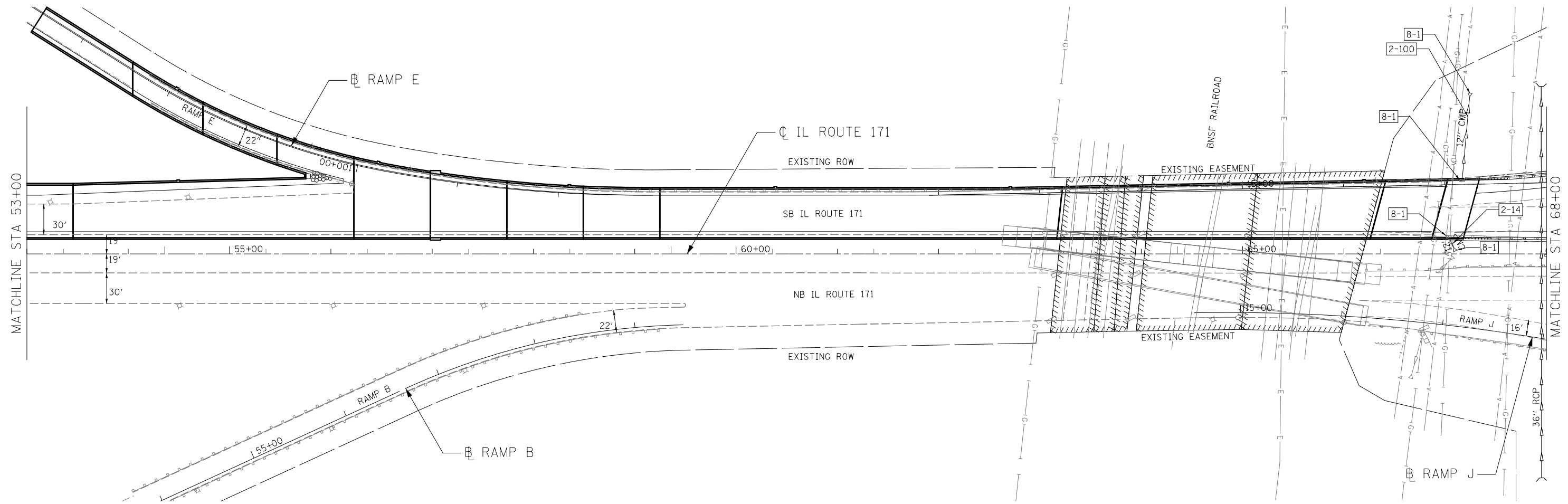
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PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 171  
EXISTING STORM SEWER DRAINAGE PLAN**

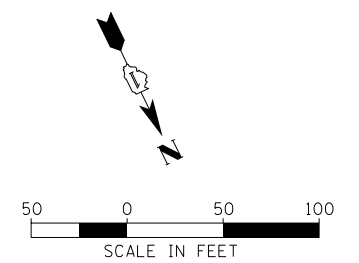
SCALE: 1"=50'    SHEET NO. 4 OF 9 SHEETS    STA. 38+00.00 TO STA. 53+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	128
			CONTRACT NO. 60J16	
ILLINOIS FED. AID PROJECT				



**LEGEND & QUANTITY**

- MH-X EXISTING MANHOLE
- 1-X CONCRETE COLLAR (CU. YD.)
- 2-X STORM SEWER OR PIPE DRAIN REMOVAL (FT.)
- 3-X STORM SEWER OR PIPE DRAIN INSTALLATION (FT.)
- 4-X CURED-IN-PLACE LINER (FT.)
- 5-X DRAINAGE STRUCTURES TO BE CLEANED (EA.)
- 6-X STORM SEWER TO BE CLEANED (FT.)
- 7-X END SECTIONS (EA.)
- 8-X DRAINAGE STRUCTURE TO BE REMOVED (EA.)



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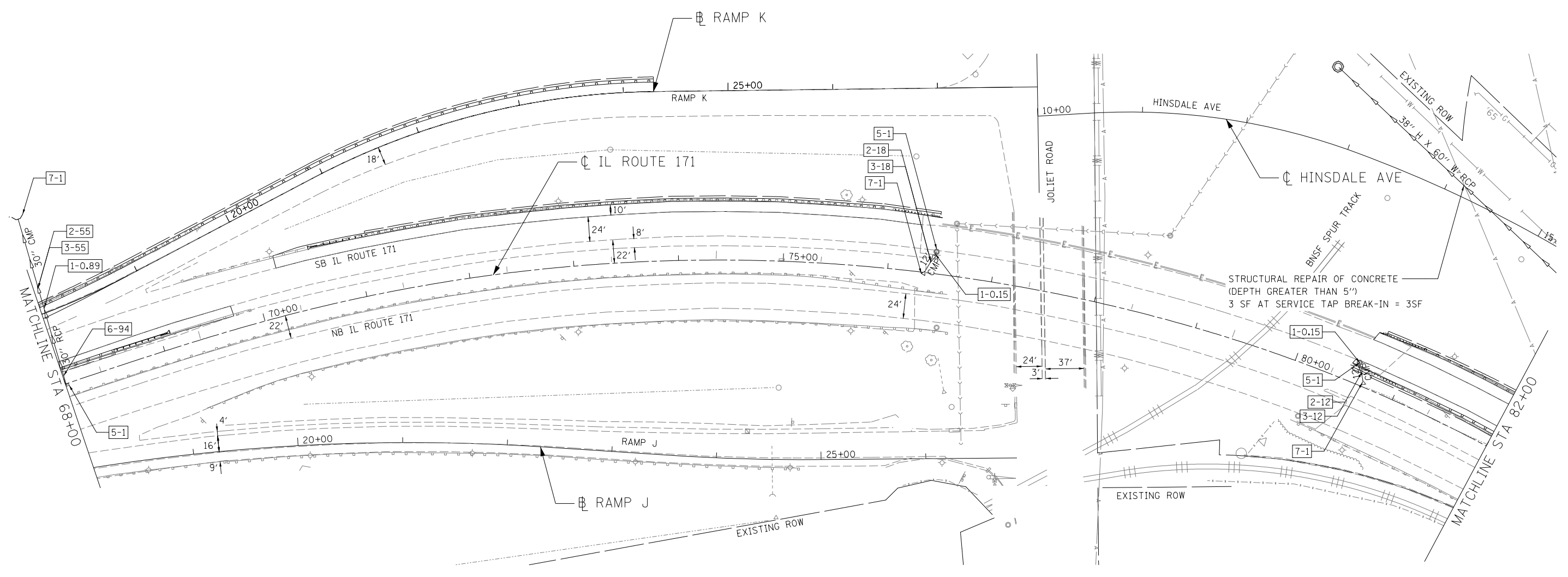
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PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 171  
 EXISTING STORM SEWER DRAINAGE PLAN**

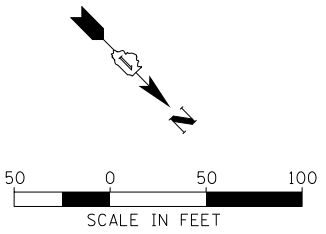
SCALE: 1"=50'      SHEET NO. 5 OF 9 SHEETS      STA. 53+00.00 TO STA. 68+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	129
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND & QUANTITY**

- [MH-X] EXISTING MANHOLE
- [1-X] CONCRETE COLLAR (CU. YD.)
- [2-X] STORM SEWER OR PIPE DRAIN REMOVAL (FT.)
- [3-X] STORM SEWER OR PIPE DRAIN INSTALLATION (FT.)
- [4-X] CURED-IN-PLACE LINER (FT.)
- [5-X] DRAINAGE STRUCTURES TO BE CLEANED (EA.)
- [6-X] STORM SEWER TO BE CLEANED (FT.)
- [7-X] END SECTIONS (EA.)
- [8-X] DRAINAGE STRUCTURE TO BE REMOVED (EA.)



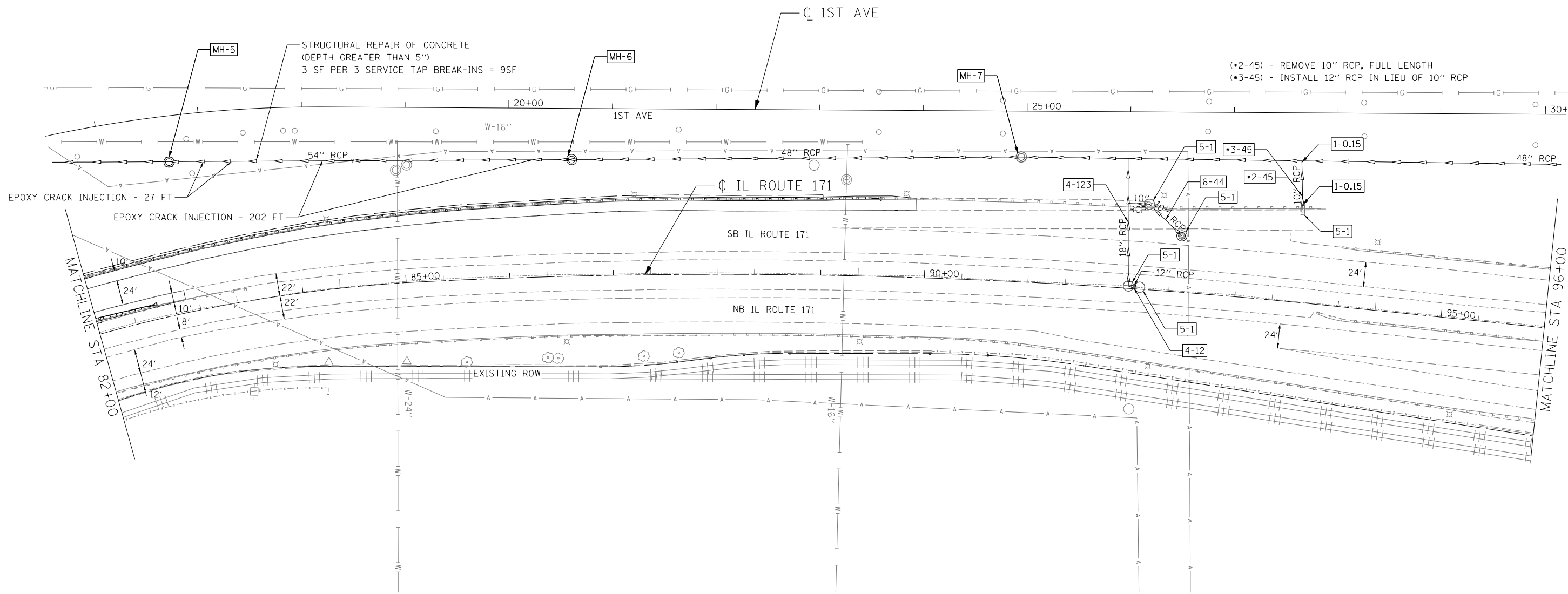
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PLOT SCALE = 100.0000' / in.	CHECKED - CRV	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 171  
EXISTING STORM SEWER DRAINAGE PLAN**

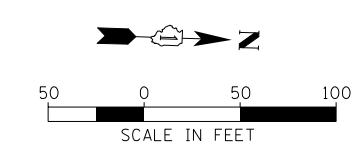
SCALE: 1"=50'    SHEET NO. 6 OF 9 SHEETS    STA. 68+00.00 TO STA. 82+00.00

F.A.P. RTE. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 130
				CONTRACT NO. 60J16
ILLINOIS FED. AID PROJECT				



(•2-45) - REMOVE 10" RCP, FULL LENGTH  
 (•3-45) - INSTALL 12" RCP IN LIEU OF 10" RCP

- LEGEND & QUANTITY**
- [MH-X] EXISTING MANHOLE
  - [1-X] CONCRETE COLLAR (CU. YD.)
  - [2-X] STORM SEWER OR PIPE DRAIN REMOVAL (FT.)
  - [3-X] STORM SEWER OR PIPE DRAIN INSTALLATION (FT.)
  - [4-X] CURED-IN-PLACE LINER (FT.)
  - [5-X] DRAINAGE STRUCTURES TO BE CLEANED (EA.)
  - [6-X] STORM SEWER TO BE CLEANED (FT.)
  - [7-X] END SECTIONS (EA.)
  - [8-X] DRAINAGE STRUCTURE TO BE REMOVED (EA.)



**Lin Engineering, Ltd.**  
 Consulting Engineers  
 Westmont, Illinois

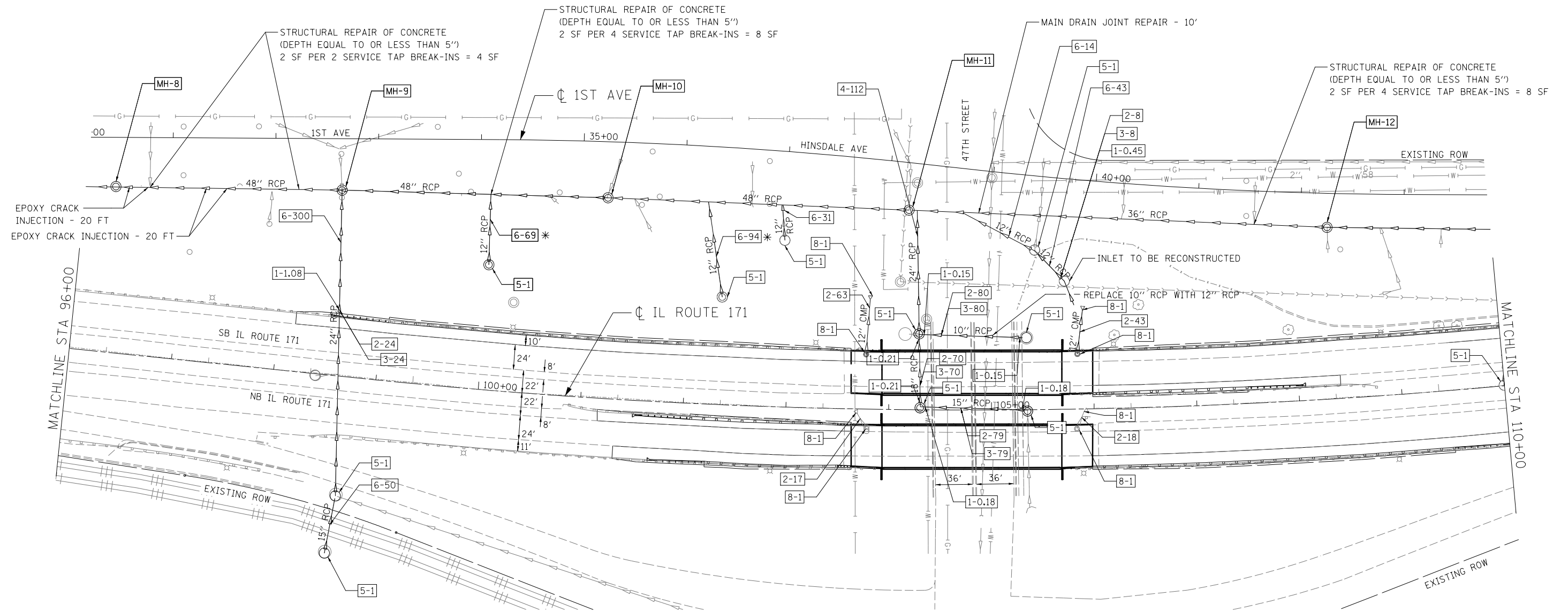
USER NAME = Plotted by LinZl	DESIGNED - SGL	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED - CRV	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 171  
 EXISTING STORM SEWER DRAINAGE PLAN**

SCALE: 1"=50'    SHEET NO. 7 OF 9 SHEETS    STA. 82+00.00 TO STA. 96+00.00

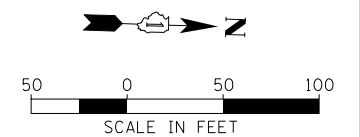
F.A.P. RTE. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 131
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				



**LEGEND & QUANTITY**

- [MH-X] EXISTING MANHOLE
- [1-X] CONCRETE COLLAR (CU. YD.)
- [2-X] STORM SEWER OR PIPE DRAIN REMOVAL (FT.)
- [3-X] STORM SEWER OR PIPE DRAIN INSTALLATION (FT.)
- [4-X] CURED-IN-PLACE LINER (FT.)
- [5-X] DRAINAGE STRUCTURES TO BE CLEANED (EA.)
- [6-X] STORM SEWER TO BE CLEANED (FT.)
- [7-X] END SECTIONS (EA.)
- [8-X] DRAINAGE STRUCTURE TO BE REMOVED (EA.)

\* TELEVISION HAS NOT BE COMPLETED FOR THIS SECTION. ONCE COMPLETE ADDITIONAL DEFECTS MAY BE ADDED FOR THE NEXT SUBMITTAL.



USER NAME = Plotted by Lin21	DESIGNED - SGL	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - SGL	REVISED -
PLOT DATE = 6/23/2014	CHECKED - CRV	REVISED -
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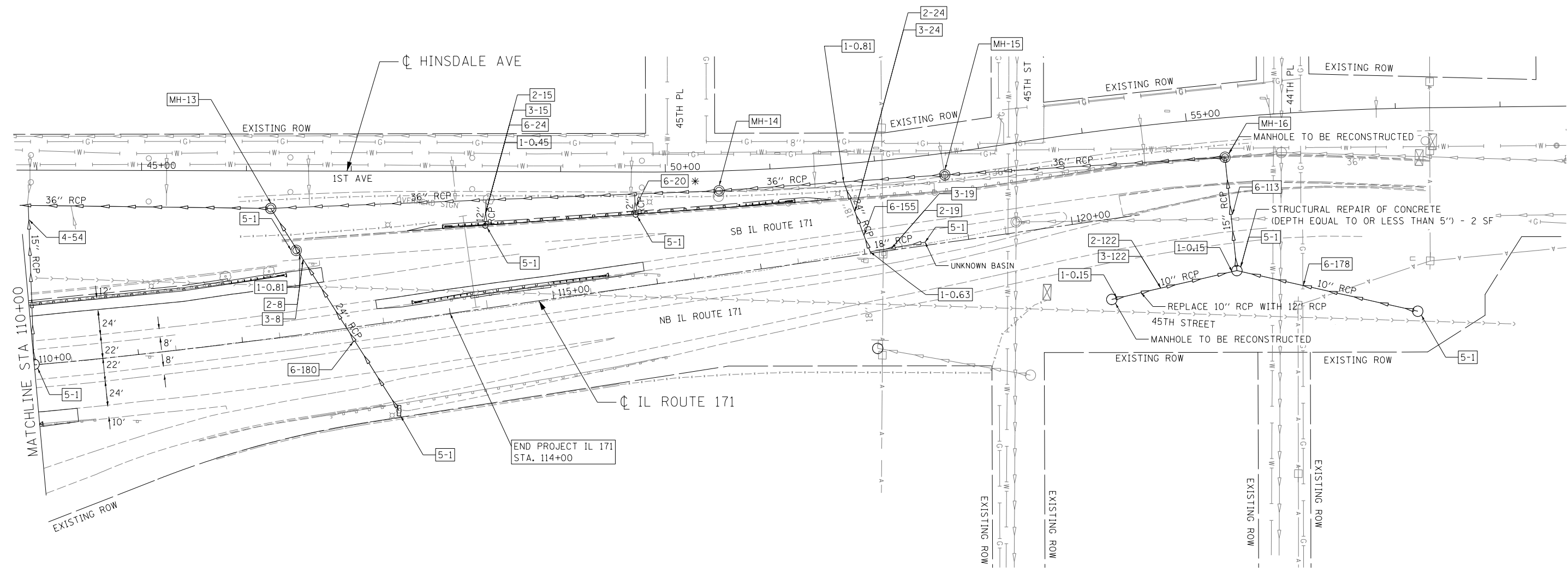
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 171  
EXISTING STORM SEWER DRAINAGE PLAN**

SCALE: 1"=50' SHEET NO. 8 OF 9 SHEETS STA. 96+00.00 TO STA. 110+00.00

F.A.P. RTE. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 132
			CONTRACT NO. 60J16	
ILLINOIS FED. AID PROJECT				

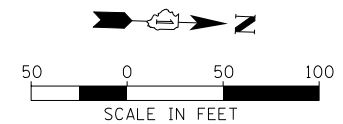




**LEGEND & QUANTITY**

- [MH-X] EXISTING MANHOLE
- [1-X] CONCRETE COLLAR (CU. YD.)
- [2-X] STORM SEWER OR PIPE DRAIN REMOVAL (FT.)
- [3-X] STORM SEWER OR PIPE DRAIN INSTALLATION (FT.)
- [4-X] CURED-IN-PLACE LINER (FT.)
- [5-X] DRAINAGE STRUCTURES TO BE CLEANED (EA.)
- [6-X] STORM SEWER TO BE CLEANED (FT.)
- [7-X] END SECTIONS (EA.)
- [8-X] DRAINAGE STRUCTURE TO BE REMOVED (EA.)

\* TELEVISIONING HAS NOT BEEN COMPLETED FOR THIS SECTION. ONCE COMPLETE ADDITIONAL DEFECTS MAY BE ADDED FOR THE NEXT SUBMITTAL.



USER NAME = Plotted by LinZl	DESIGNED - SGL	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - SGL	REVISED -
PLOT DATE = 6/23/2014	CHECKED - CRV	REVISED -
	DATE - 6/23/2014	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 171  
EXISTING STORM SEWER DRAINAGE PLAN**

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

F.A.P. RTE. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 133
				CONTRACT NO. 60J16
ILLINOIS FED. AID PROJECT				

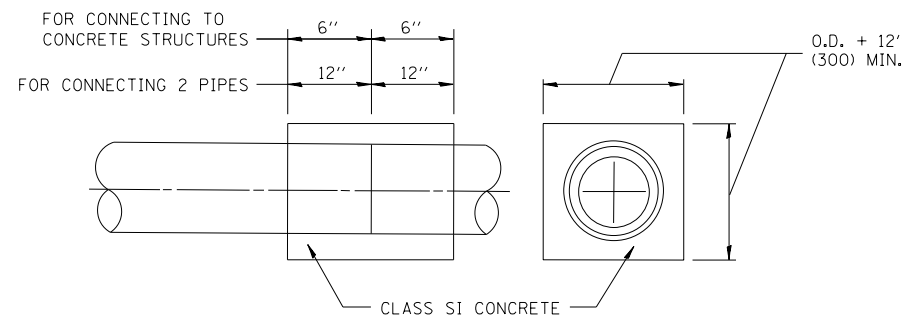
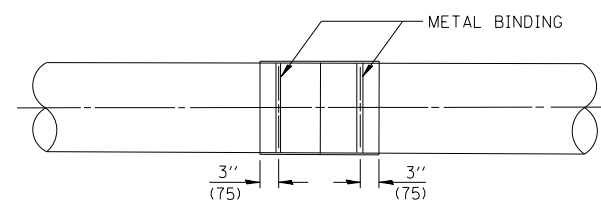
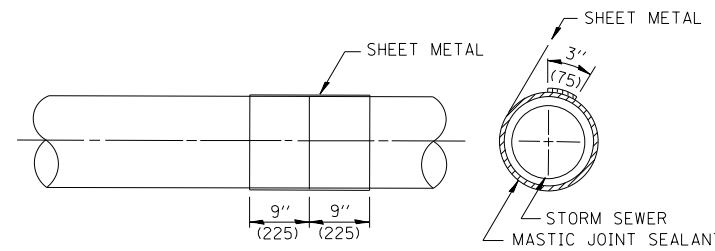
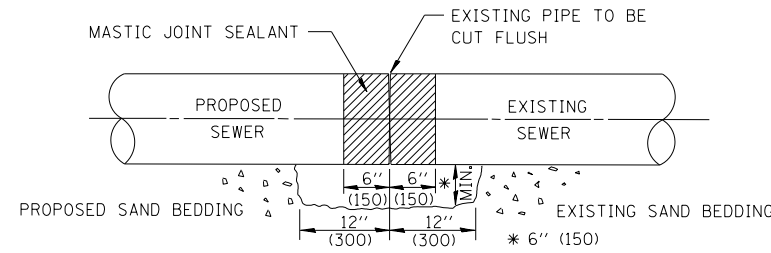
GENERAL NOTES

- CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
- CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.
- CONCRETE COLLARS SHALL BE CONSTRUCTED OF CLASS SI CONCRETE IN ACCORDANCE WITH SECTION 503 OF THE STANDARD SPECIFICATIONS.
- REINFORCEMENT BARS SHALL CONFORM TO SECTION 508 OF THE STANDARD SPECIFICATIONS. WHEN REQUIRED, REINFORCEMENT BARS WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE FOR CONCRETE COLLAR, WHICH PRICE SHALL INCLUDE FURNISHING AND INSTALLING THE REINFORCEMENT BARS COMPLETE IN PLACE.
- ANCHOR BOLTS, WHEN REQUIRED, WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE FOR CONCRETE COLLAR, WHICH PRICE SHALL INCLUDE FURNISHING, DRILLING HOLES, AND INSTALLING THE ANCHOR BOLTS COMPLETE IN PLACE. THESE BOLTS SHALL EXTEND AT LEAST 8 INCHES INTO THE NEW CONCRETE.
- WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER.

CONCRETE COLLAR ≤ 27" PIPE DIAMETER

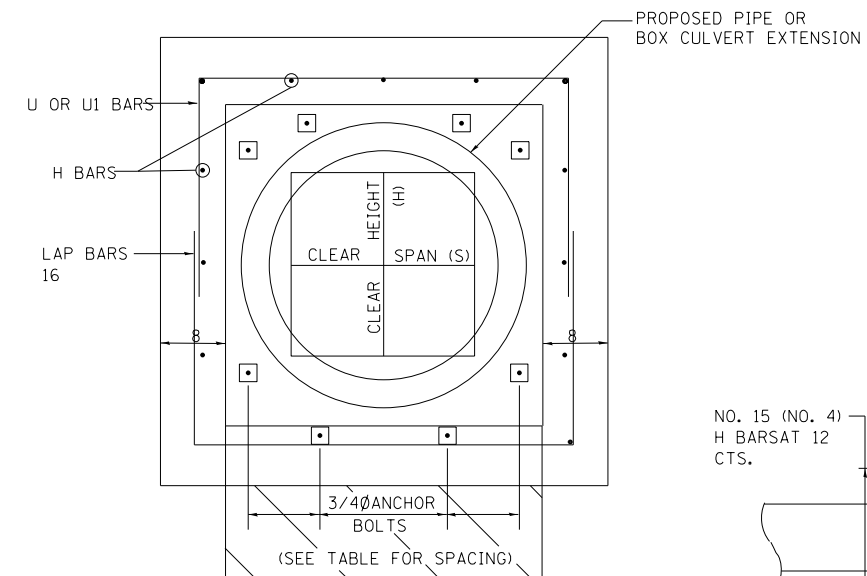
CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.



QUANTITIES FOR CONCRETE PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED FOR A 24" COLLAR WIDTH CU.YD.
INCH	
10"	0.26
12"	0.30
15"	0.36
18"	0.42
21"	0.48
24"	0.54
27"	0.61

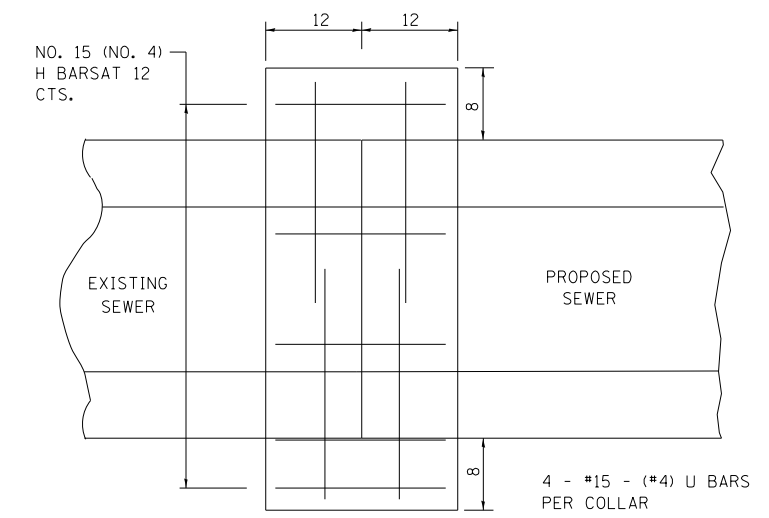
CONCRETE COLLAR > 27" PIPE DIAMETER



FRONT

PLACEMENT DETAILS FOR ANCHOR BOLTS

H OR S	NUMBER OF ANCHOR BOLTS REQUIRED PER SIDE			
	EXTENSIONS < 15'		EXTENSIONS > 15'	
	NUMBER	SPACING	NUMBER	SPACING
30	2	18	2	18
36	2	24	2	24
48	3	18	3	18
60	4	16	3	24
72	5	15	4	20
84	5	18	4	24
96	6	15	5	21
108	6	19	5	24
120	7	18	6	21
132	8	17	6	24
144	8	19	7	22

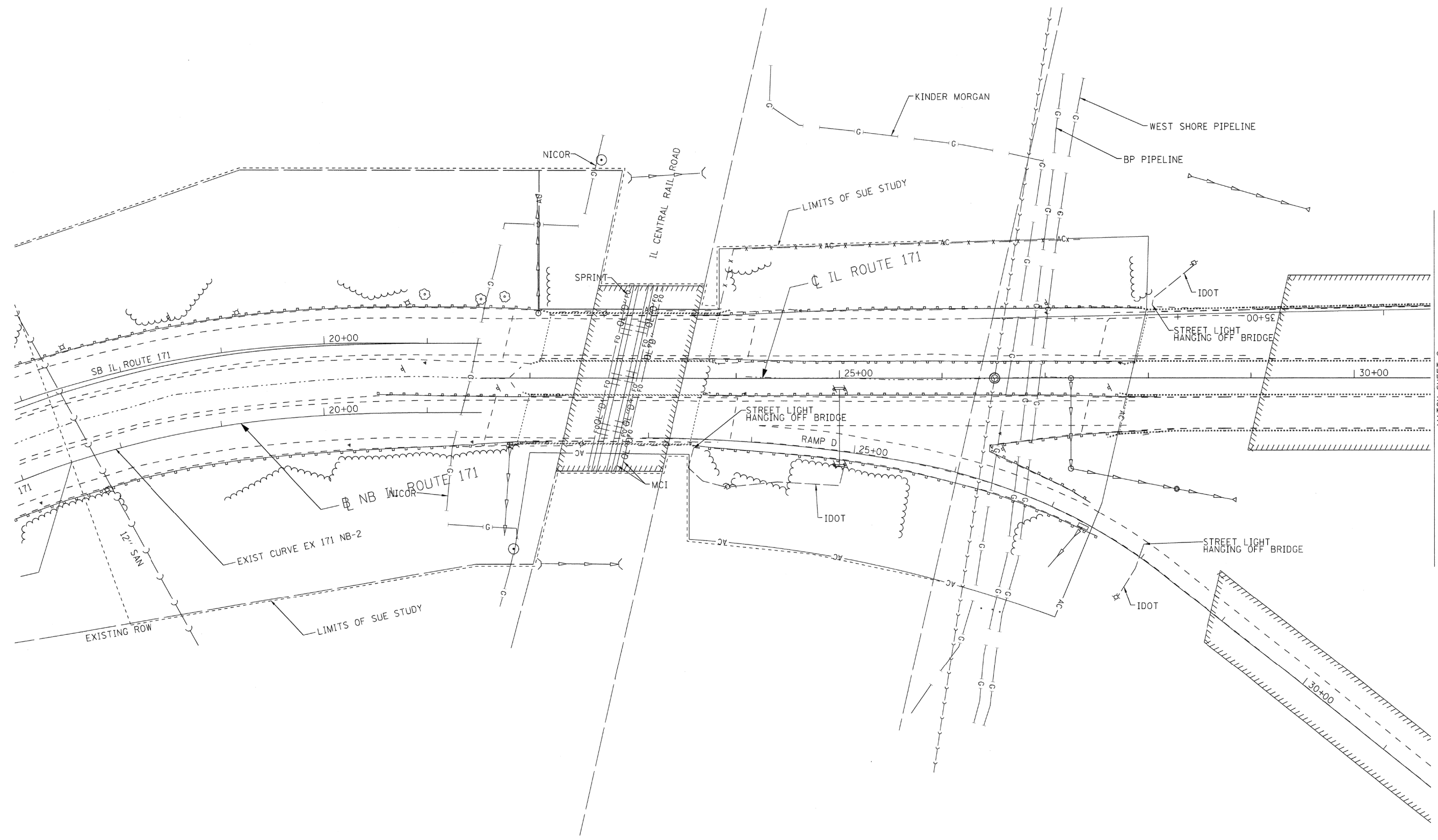


PIPE CONNECTION









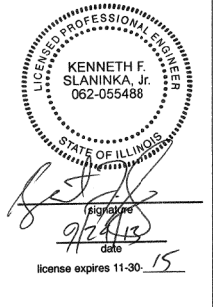
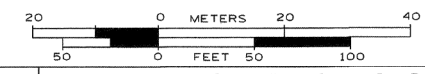
MATCH SHEET 2

---	A	STREET LIGHT
---	A	AERIAL
---	0	UNKNOWN
---	0	OIL
---	CTV	CABLE TV
---	T	TELEPHONE
---	G	GAS
---	E	ELECTRIC
---	W	WATER
---	FO	FORCE MAIN
---	FO	FIBER OPTIC
---		END OF INFORMATION
⊙		TBE TEST HOLE

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 DL "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.



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

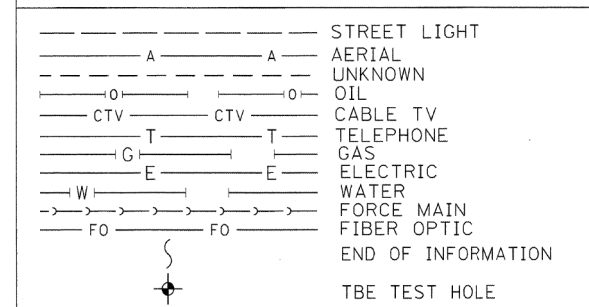
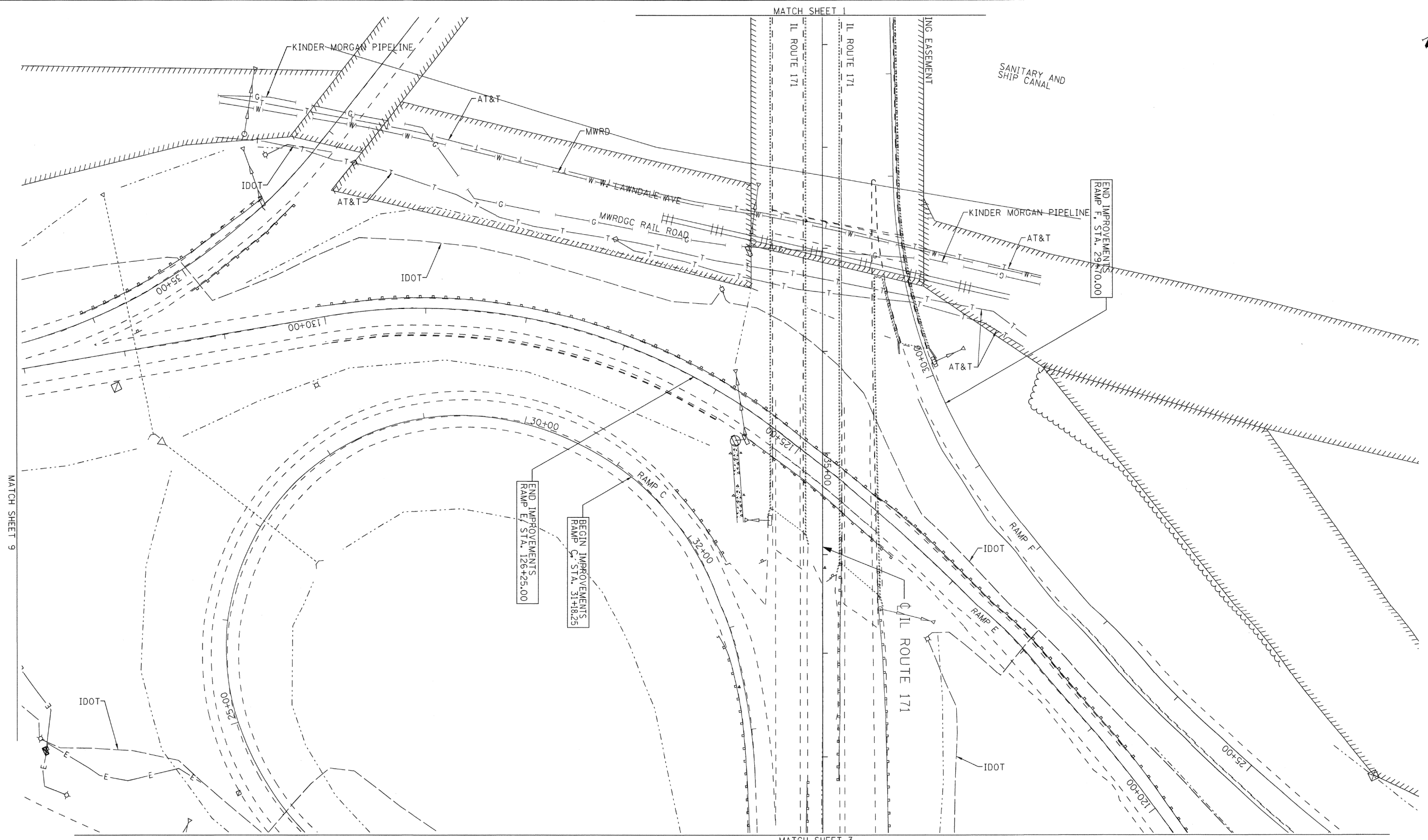
Utility Quality Level "A" : Visually Verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

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**

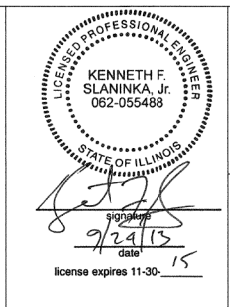
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0707-608HB-R	Cook	821	138
Contract No. 60J16				
FED. ROAD DIST. NO. - ILLINOIS IDOT Project No.				



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

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 "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.



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

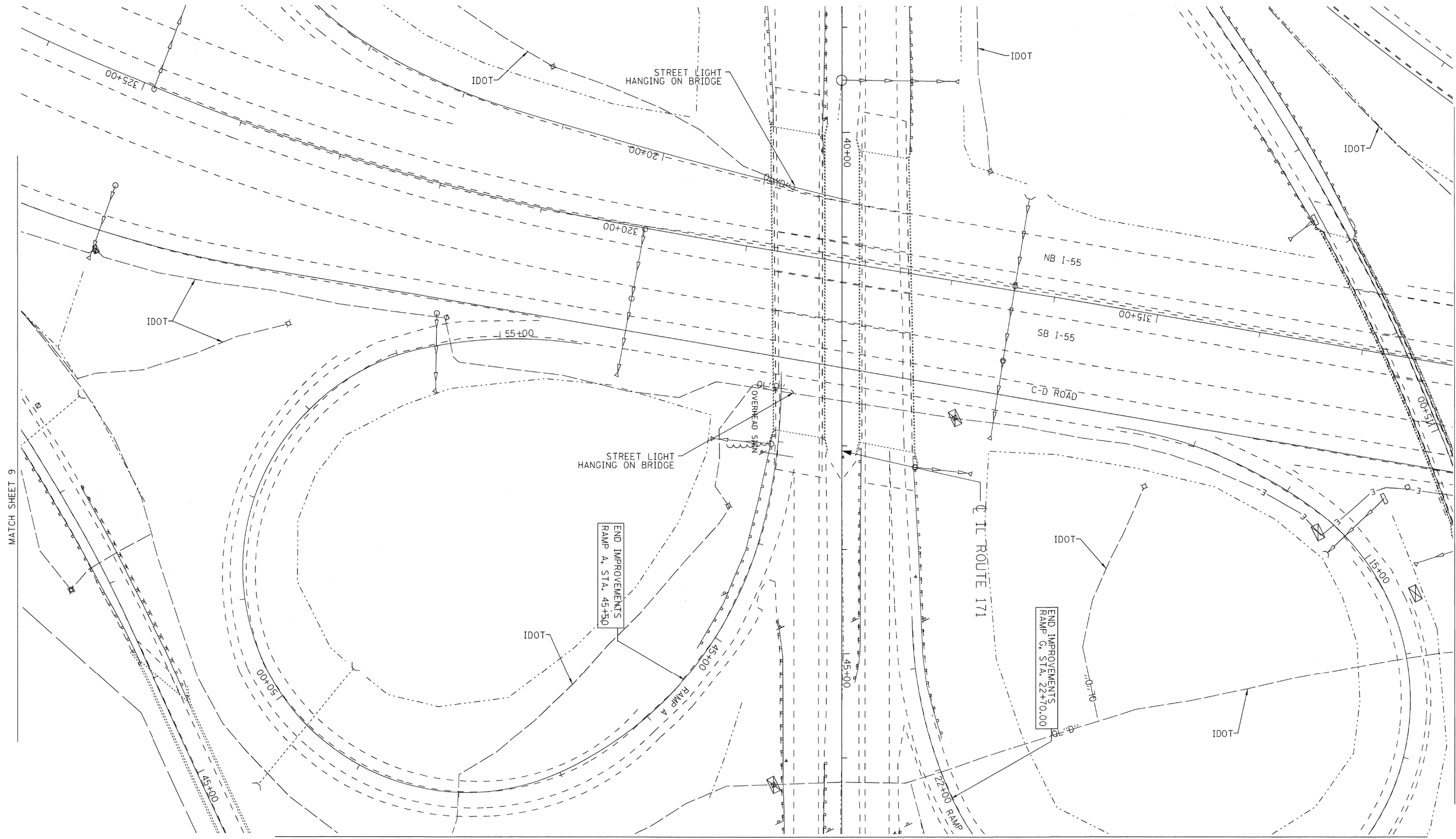
DESIGNED	IP	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	9/20/13	REVISED

**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.
.	0707-608HB-R	Cook	821	139

Contract No. 60J16	
FED. ROAD DIST. NO.	ILLINOIS IDOT Project No.



MATCH SHEET 9

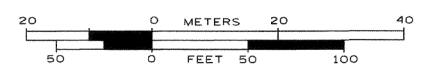
MATCH SHEET 8

---	STREET LIGHT
— A —	AERIAL
— 0 —	UNKNOWN
— CT —	CABLE TV
— T —	TELEPHONE
— G —	GAS
— E —	ELECTRIC
— W —	WATER
— FM —	FORCE MAIN
— FO —	FIBER OPTIC
—	END OF INFORMATION
⊙	TBE TEST HOLE

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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Professional Engineer Seal for Kenneth F. Slaninka, Jr., License No. 062-055488, State of Illinois. Signature and date 9/24/15 are present.

**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  
 Utility Quality Level "D": Records Research

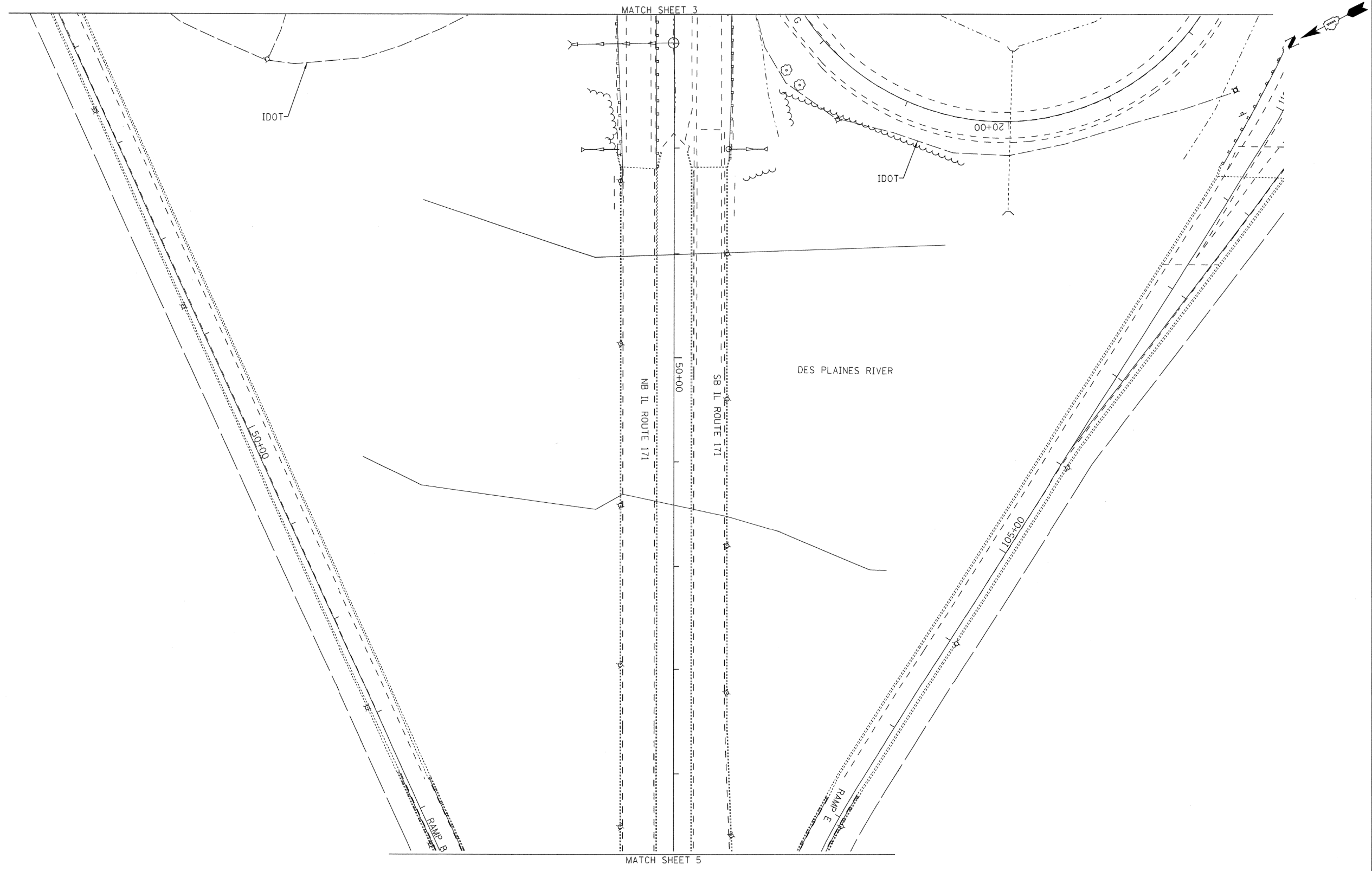
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DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	9/20/13	REVISED

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.
•	0707-608HB-R	Cook	821	140
Contract No. 60J16				
FED. ROAD DIST. NO. - ILLINOIS IDOT Project No.				



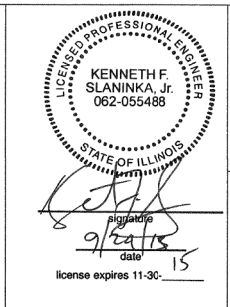


---	A	A	STREET LIGHT
---	0	0	AERIAL UNKNOWN
---	CTV	CTV	OIL
---	T	T	CABLE TV
---	G	G	TELEPHONE
---	E	E	GAS
---	W	W	ELECTRIC
---	FO	FO	WATER
---			FORCE MAIN
---			FIBER OPTIC
---			END OF INFORMATION
---			TBE TEST HOLE

UTILITY OWNERS	
AT&T	= TELEPHONE
BP	= PIPELINE
COM-ED	= ELECTRIC
IDOT	= ELECTRIC
KINDER MORGAN	= PIPELINE
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NICOR	= GAS
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VILLAGE OF MCCOOK	= WATER
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Engineers & Surveyors

TBE Job No. IL09510524  
SUE Plan Page: 4 of 12

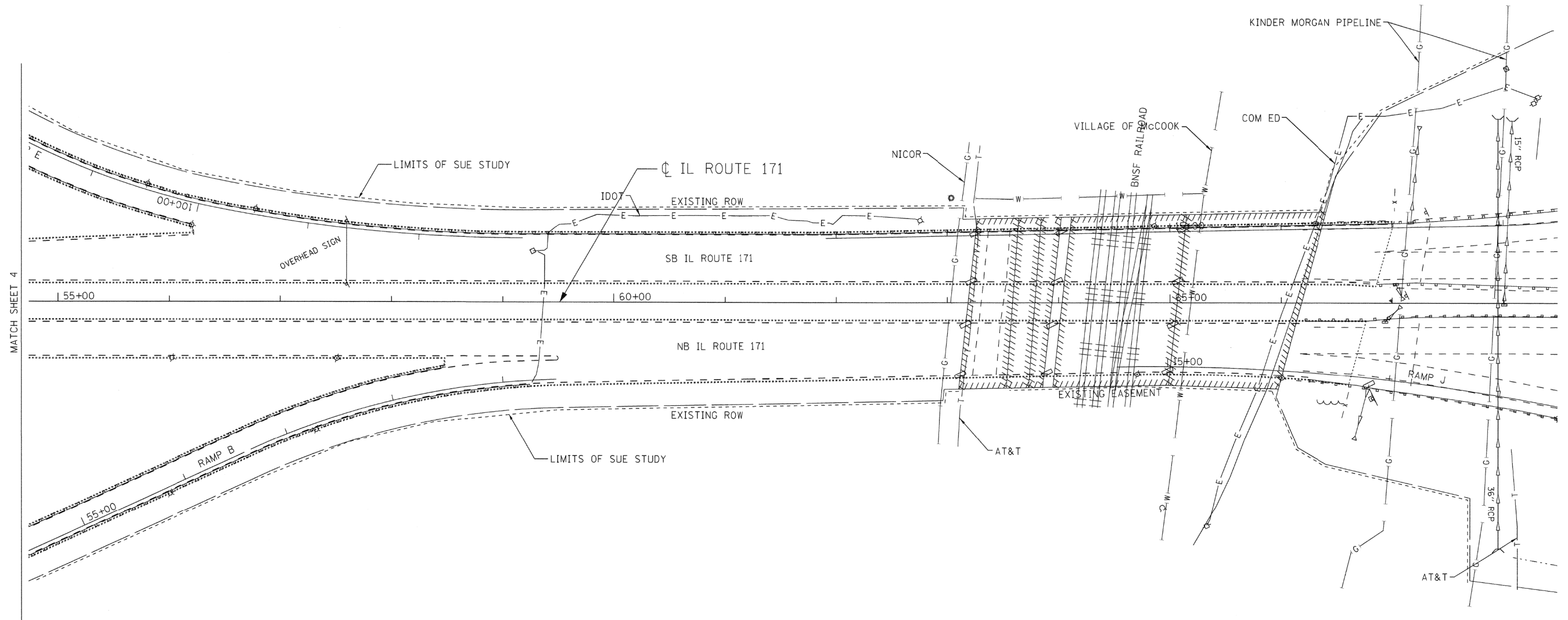
Utility Quality Level "A" : Visually Verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	JP	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.
.	0707-608HB-R	Cook	821	141
FED. ROAD DIST. NO. - ILLINOIS IDOT Project No.			Contract No. 60J16	

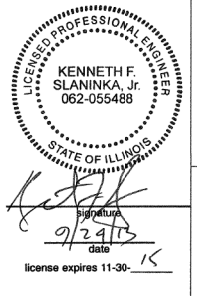


—●—	STREET LIGHT
—A—	AERIAL
—O—	UNKNOWN
—CTV—	CABLE TV
—T—	TELEPHONE
—G—	GAS
—E—	ELECTRIC
—W—	WATER
—FM—	FORCE MAIN
—FO—	FIBER OPTIC
—	END OF INFORMATION
—	TBE TEST HOLE

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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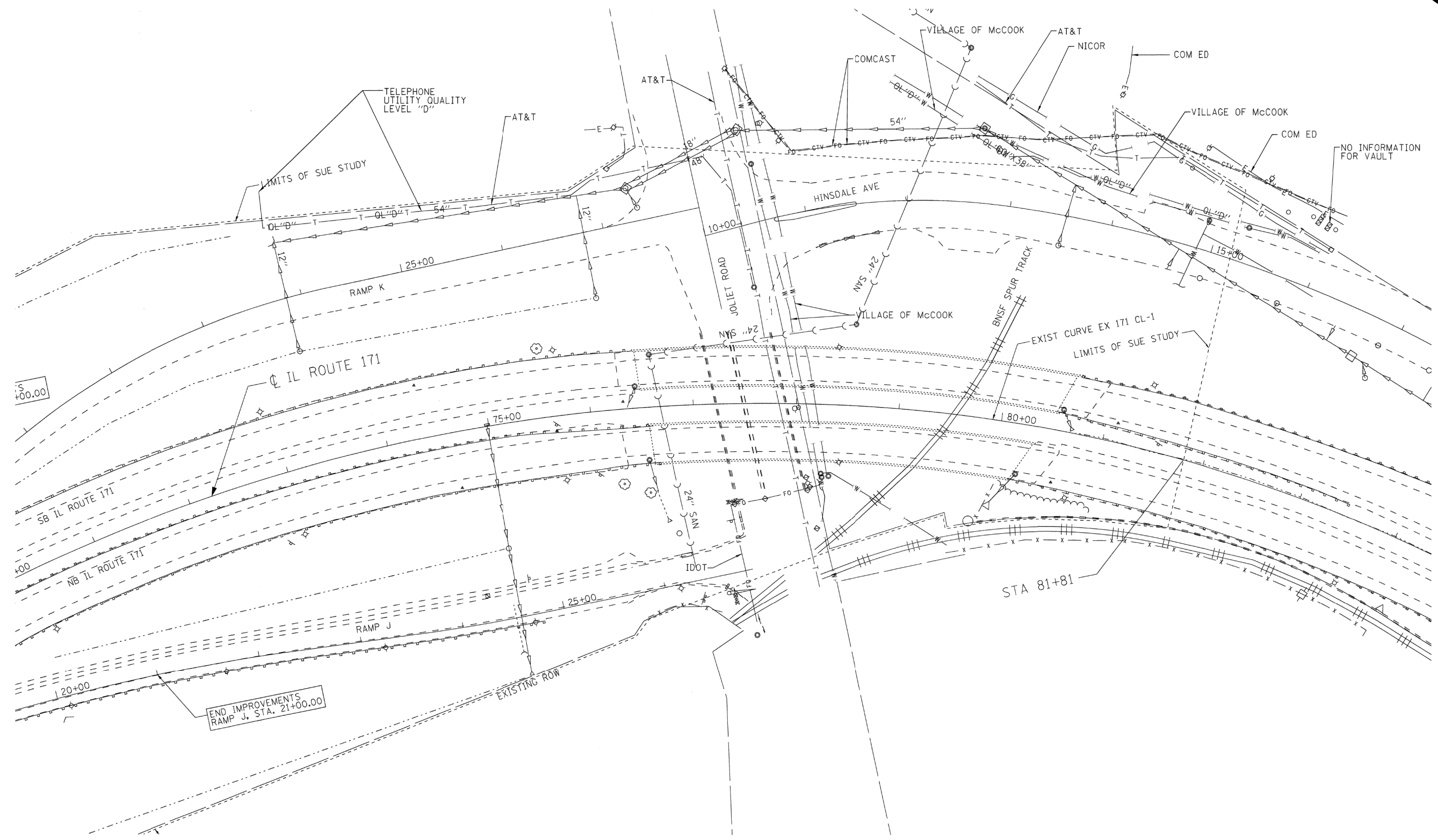
Utility Quality Level "A" : Visually Verified Test Hole
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Utility Quality Level "D" : Records Research

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.
	0707-608HB-R	Cook	821	142
Contract No. 60J16				
FED. ROAD DIST. NO. - [ILLINOIS] IDOT Project No.				

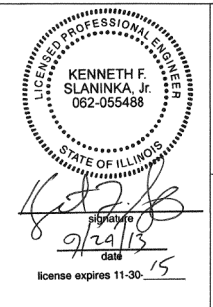


---	STREET LIGHT
—A—	AERIAL
—O—	UNKNOWN
—O—	OIL
—CTV—	CABLE TV
—T—	TELEPHONE
—G—	GAS
—E—	ELECTRIC
—W—	WATER
—FO—	FORCE MAIN
—FO—	FIBER OPTIC
⊙	END OF INFORMATION
⊙	TBE TEST HOLE

UTILITY OWNERS	
AT&T	= TELEPHONE
BP	= PIPELINE
COM-ED	= ELECTRIC
IDOT	= ELECTRIC
KINDER MORGAN	= PIPELINE
MWRD	= WATER
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Engineers & Surveyors

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

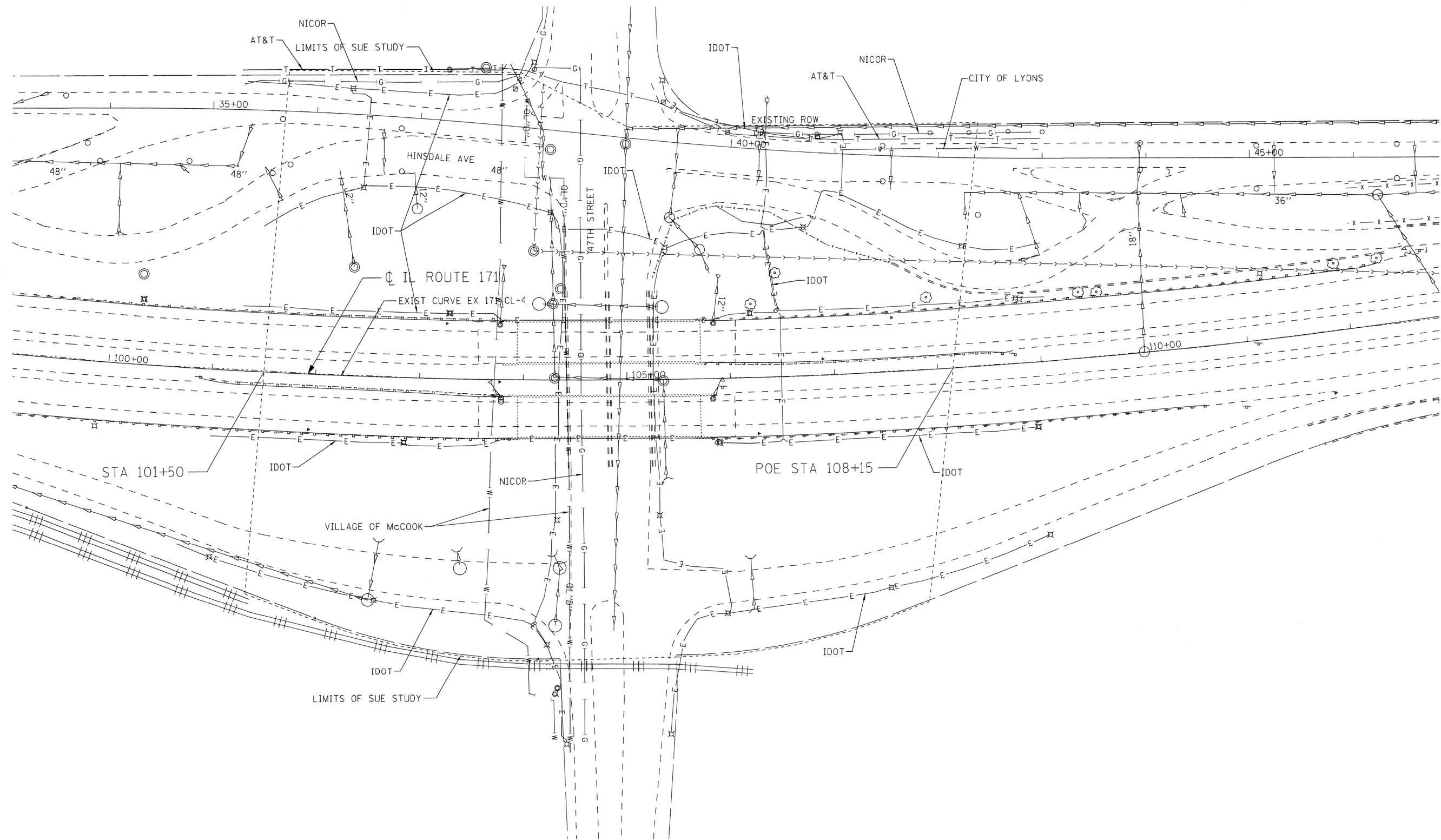
DESIGNED	IP	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	9/20/13	REVISED

**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.
•	0707-608HB-R	Cook	821	143

Contract No. 60J16  
 FED. ROAD DIST. NO. ILLINOIS IDOT Project No.

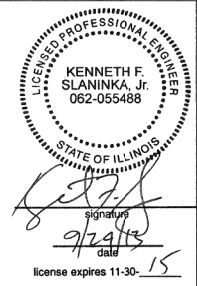
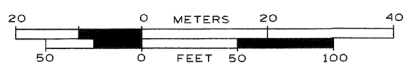


	STREET LIGHT
	AERIAL
	UNKNOWN
	OIL
	CABLE TV
	TELEPHONE
	GAS
	ELECTRIC
	WATER
	FORCE MAIN
	FIBER OPTIC
	END OF INFORMATION
	TBE TEST HOLE

UTILITY OWNERS	
AT&T	= TELEPHONE
BP	= PIPELINE
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TBE Job No. IL09510524  
SUE Plan Page: 7 of 12

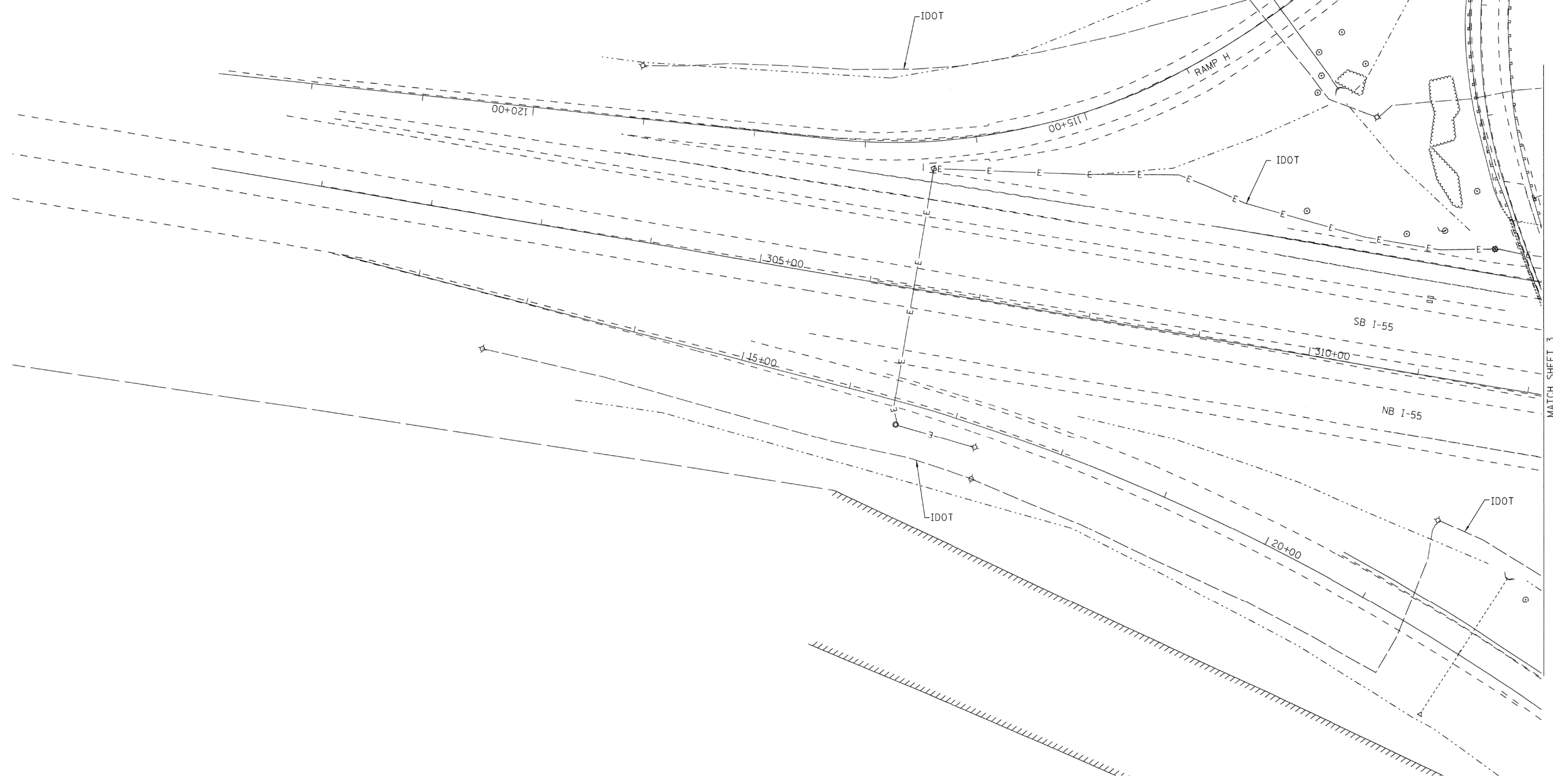
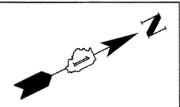
Utility Quality Level "A": Visually Verified Test Hole
Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

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.
	0707-608HB-R	Cook	821	144
Contract No. 60J16				
FED. ROAD DIST. NO. - ILLINOIS IDOT Project No.				

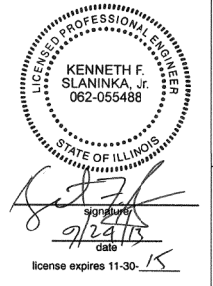
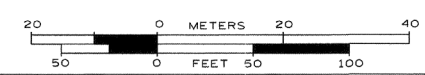


-----	STREET LIGHT
-----A-----	AERIAL
-----O-----	UNKNOWN
-----CTV-----	OIL
-----T-----	CABLE TV
-----G-----	TELEPHONE
-----E-----	GAS
-----W-----	ELECTRIC
----->-----	WATER
-----FO-----	FORCE MAIN
-----FO-----	FIBER OPTIC
-----	END OF INFORMATION
+	TBE TEST HOLE

UTILITY OWNERS	
AT&T	= TELEPHONE
BP	= PIPELINE
COM-ED	= ELECTRIC
IDOT	= ELECTRIC
KINDER MORGAN	= PIPELINE
MWRD	= WATER
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TBE Job No. IL09510524  
SUE Plan Page: 8 of 12

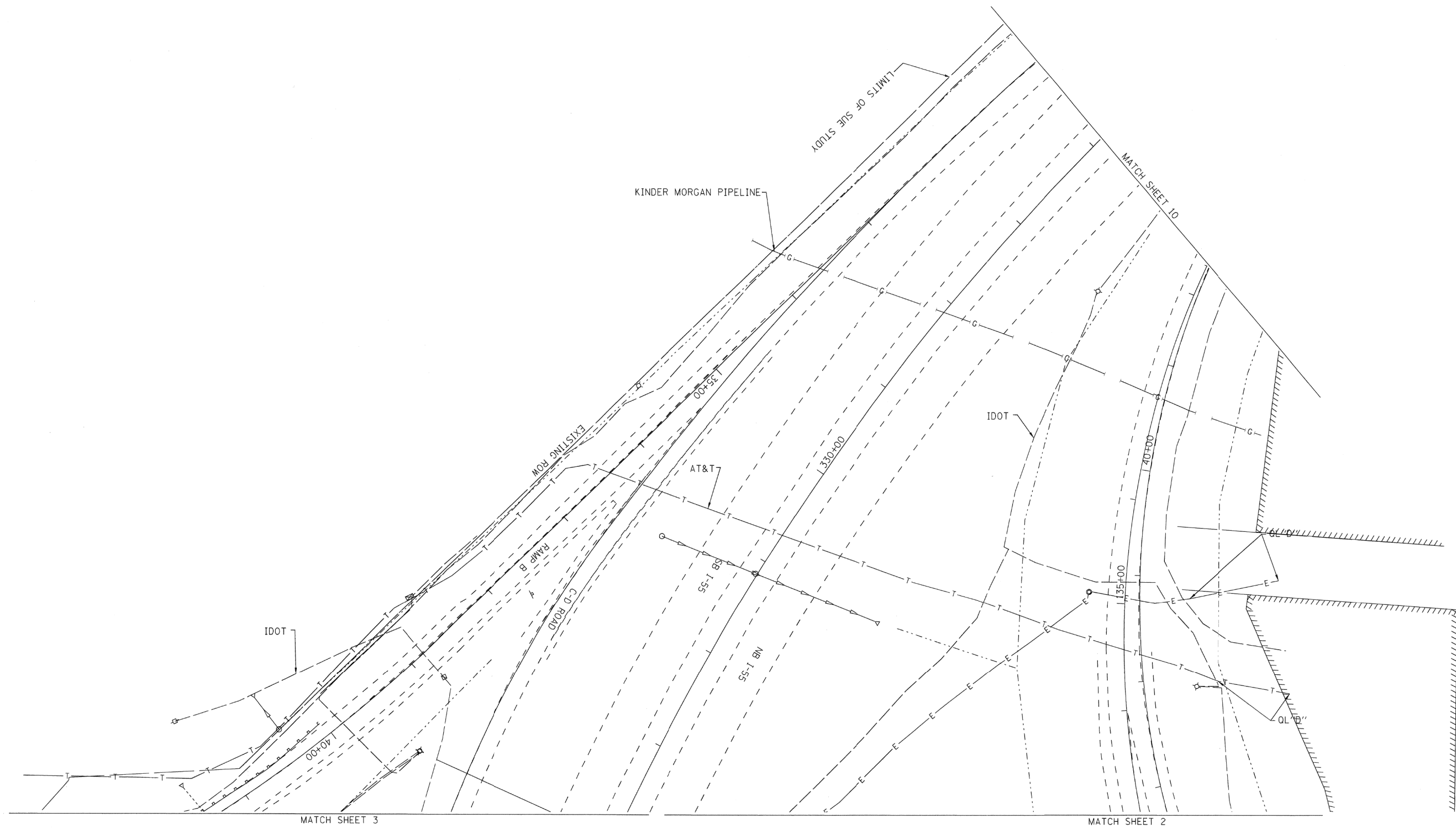
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DESIGNED	IP	REVISED
DRAWN	KLC	REVISED
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DATE	9/20/13	REVISED

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.
.	0707-608HB-R	Cook	821	145
Contract No. 60J16				
FED. ROAD DIST. NO. - ILLINOIS IDOT Project No.				

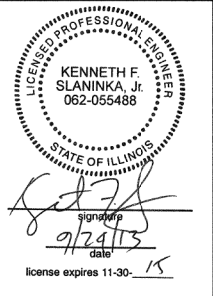


---	STREET LIGHT
-A-	AERIAL
-O-	UNKNOWN
-O-	OIL
-CTV-	CABLE TV
-T-	TELEPHONE
-G-	GAS
-E-	ELECTRIC
-W-	WATER
->>>-	FORCE MAIN
-FO-	FIBER OPTIC
-	END OF INFORMATION
-	TBE TEST HOLE

UTILITY OWNERS	
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TBE Job No. IL09510524  
SUE Plan Page: 9 of 12

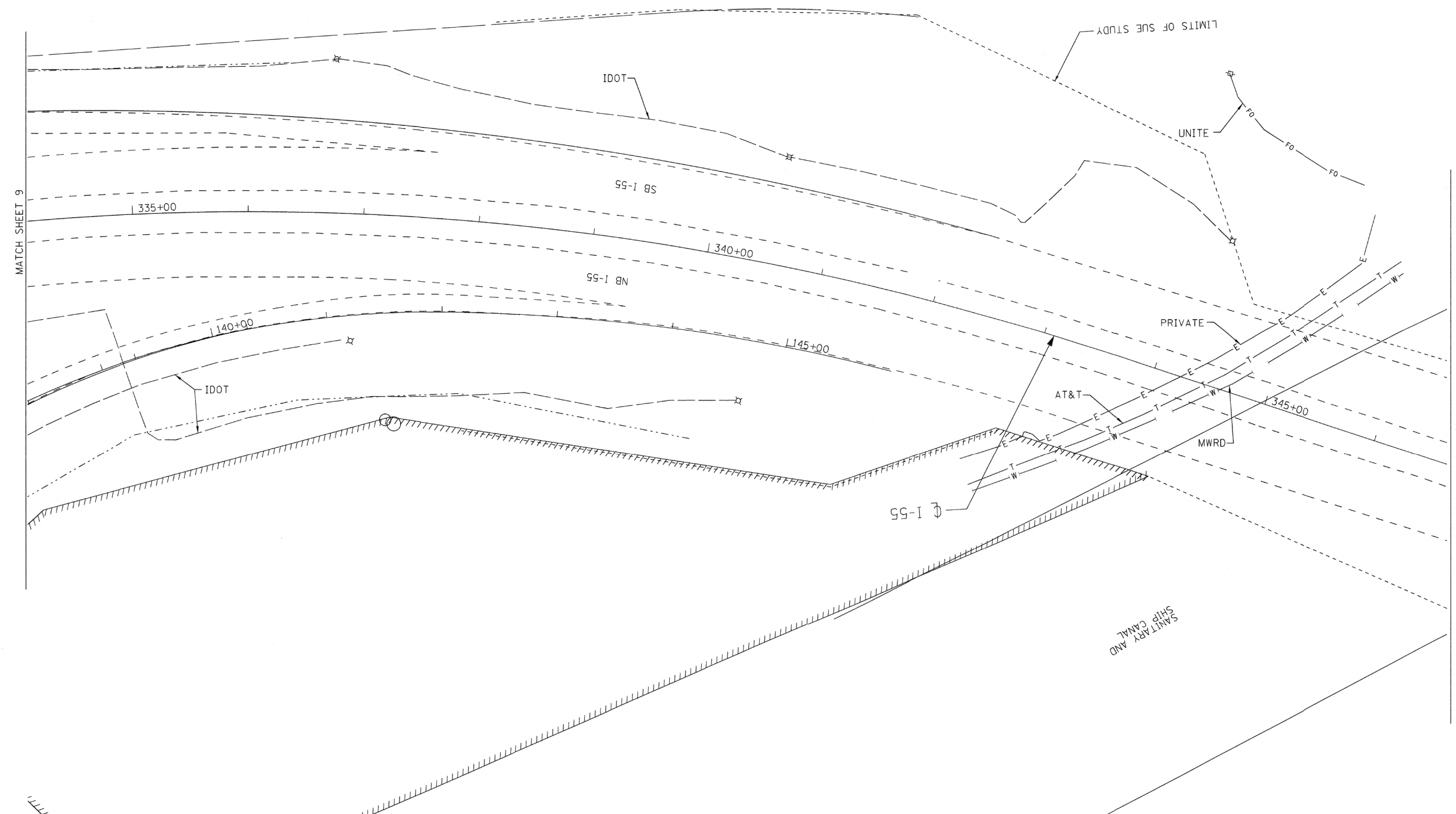
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DESIGNED	IP	REVISED
DRAWN	KLC	REVISED
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	0707-608HB-R	Cook	821	146
				Contract No. 60J16
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				

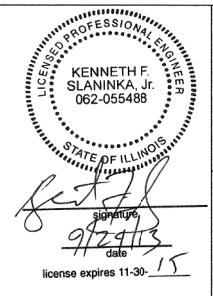
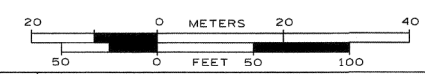


— A — A —	STREET LIGHT
— 0 — 0 —	AERIAL UNKNOWN
— CTV — CTV —	OIL
— T — T —	CABLE TV
— G — G —	TELEPHONE
— E — E —	GAS
— W — W —	ELECTRIC
— FO — FO —	FORCE MAIN
	FIBER OPTIC
	END OF INFORMATION
	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
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TBE Job No. IL09510524  
SUE Plan Page: 10 of 12

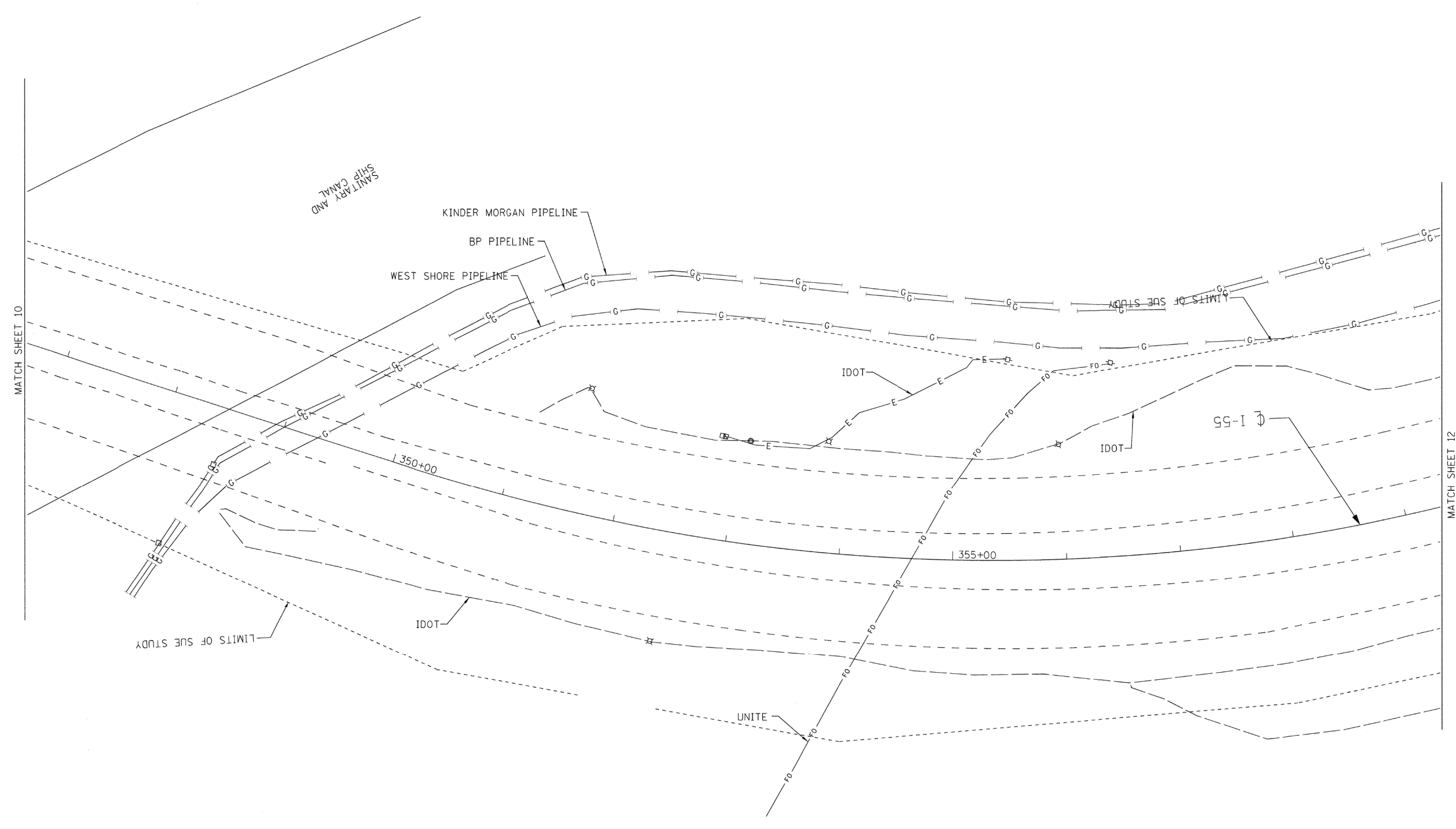
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DESIGNED IP	REVISED
DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 9/20/13	REVISED

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.
.	0707-608HB-R	Cook	821	147
Contract No. 60J16				
FED. ROAD DIST. NO. - [ILLINOIS] IDOT Project No.				

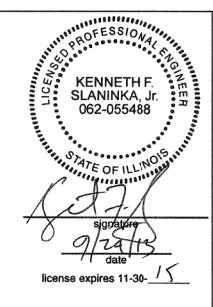
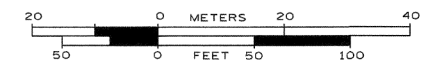


---	STREET LIGHT
—A—	AERIAL
—O—	UNKNOWN
—0—	OIL
—CTV—	CABLE TV
—T—	TELEPHONE
—G—	GAS
—E—	ELECTRIC
—W—	WATER
—FM—	FORCE MAIN
—FO—	FIBER OPTIC
⊙	TBE TEST HOLE
---	END OF INFORMATION

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TBE Job No. IL09510524  
SUE Plan Page: 11 of 12

Utility Quality Level "A" : Visually Verified Test Hole
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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

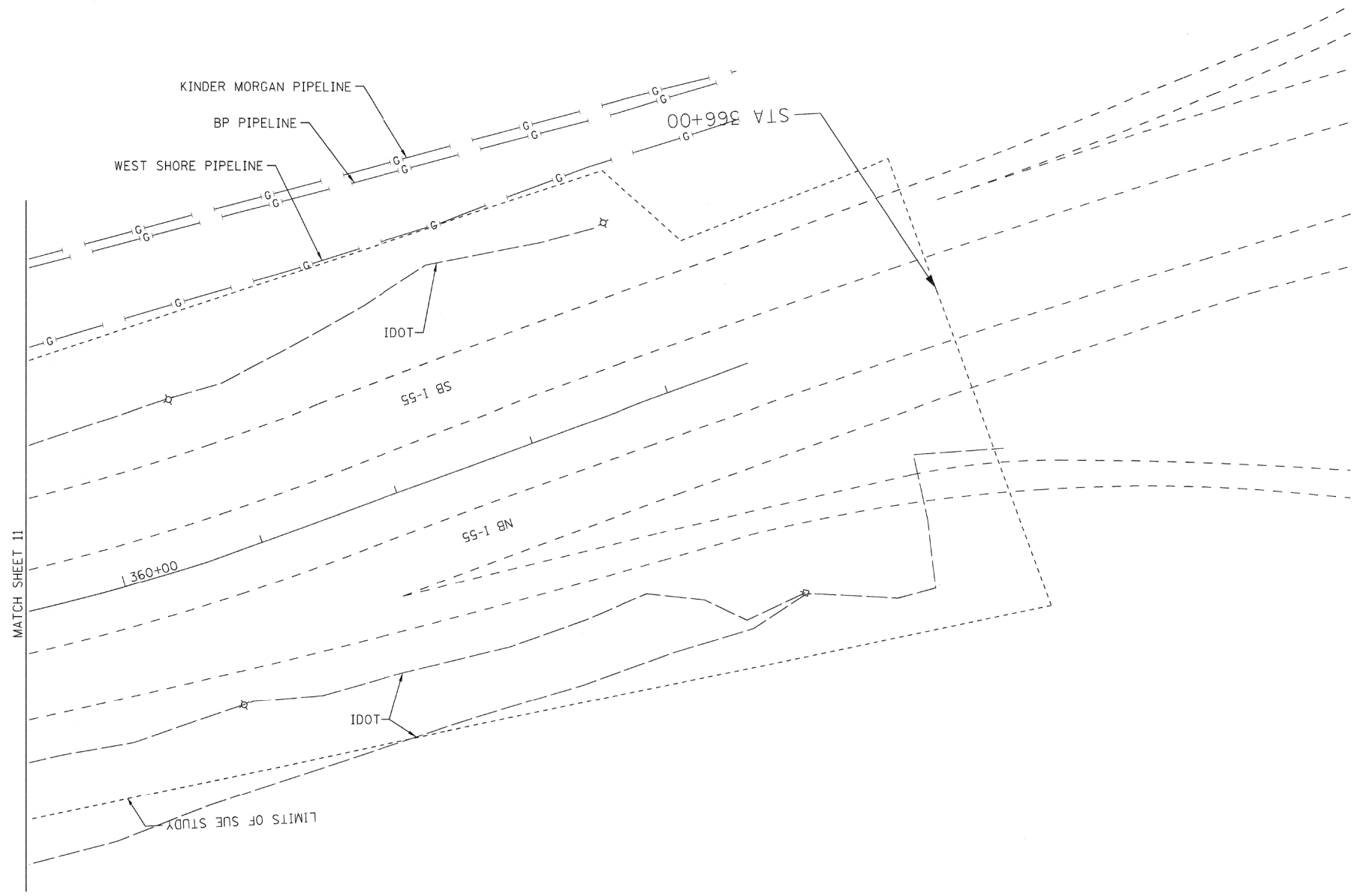
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0707-608HB-R	Cook	821	148

Contract No. 60J16	
FED. ROAD DIST. NO. - ILLINOIS IDOT Project No.	



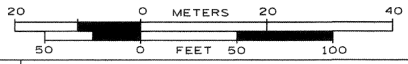


— — — — —	STREET LIGHT
— A — A —	AERIAL
— — — — —	UNKNOWN
— 0 — 0 —	OIL
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
—> —> —> —> —>	FORCE MAIN
— FO — FO —	FIBER OPTIC
⊙	TBE TEST HOLE
— — — — —	END OF INFORMATION

UTILITY OWNERS	
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TBE Job No. IL09510524  
SUE Plan Page: 12 of 12

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CHECKED	KFS	REVISED
DATE	9/20/13	REVISED

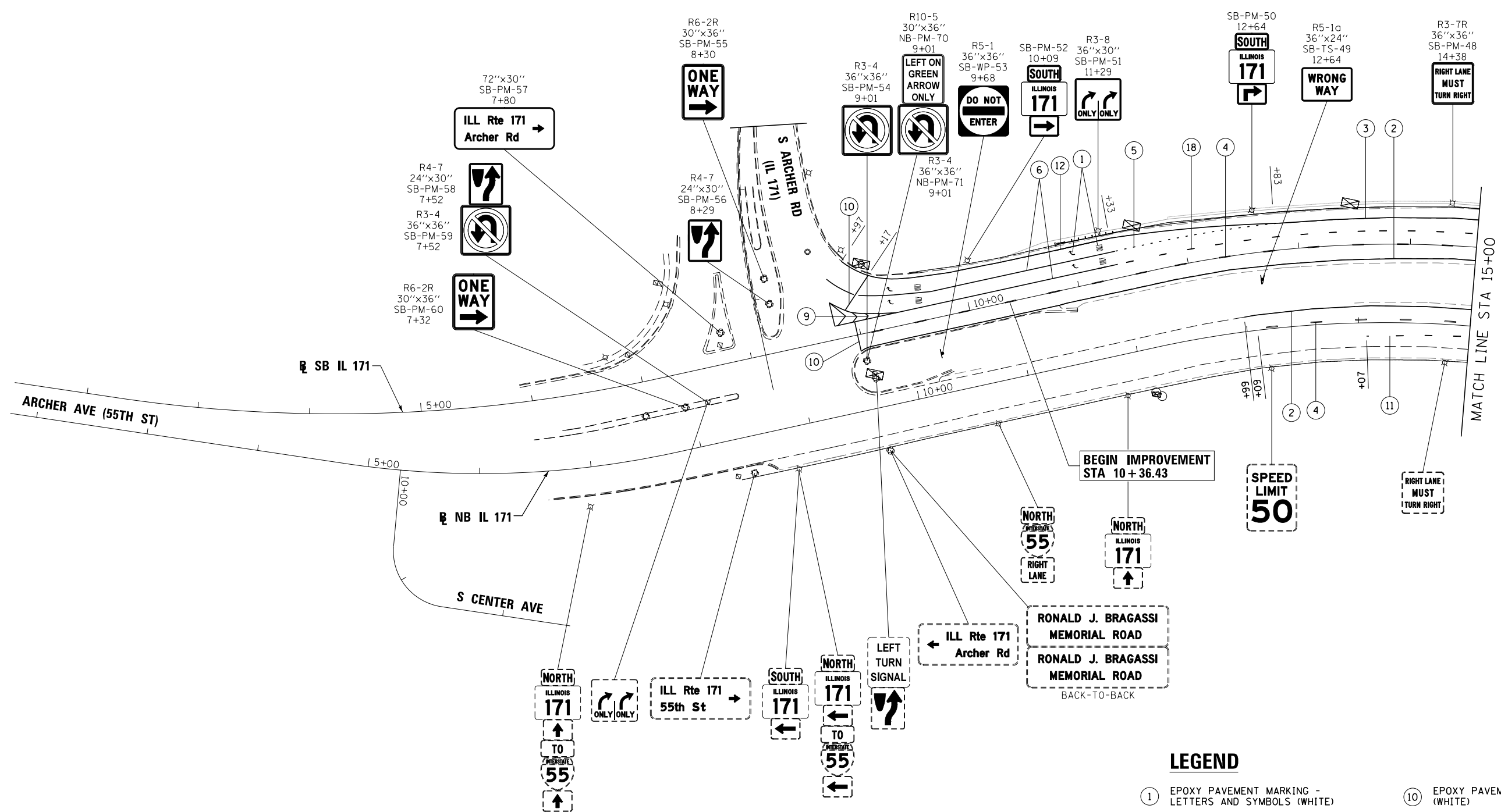
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	0707-608HB-R	Cook	674	149
FED. ROAD DIST. NO. _ [ILLINOIS] IDOT Project No.			Contract No. 60J16	







**LEGEND**

- |   |   |
|---|---|
| ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)          | ⑩ EPOXY PAVEMENT MARKING - LINE 24" (WHITE)                             |
| ② EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)                     | ⑪ EPOXY PAVEMENT MARKING - LINE 8" (WHITE) (3' DASH, 9' SKIP)           |
| ③ EPOXY PAVEMENT MARKING - LINE 4" (WHITE)                      | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)                     |
| ④ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)                      |
| ⑤ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (2' DASH, 6' SKIP)   | ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) |
| ⑥ EPOXY PAVEMENT MARKING - LINE 6" (WHITE)                      | ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)                      |
| ⑦ EPOXY PAVEMENT MARKING - LINE 8" (WHITE)                      | ⑯ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)                     |
| ⑧ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   | ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   |
| ⑨ EPOXY PAVEMENT MARKING - LINE 12" (WHITE)                     | ⑱ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (3' DASH, 9' SKIP)           |

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

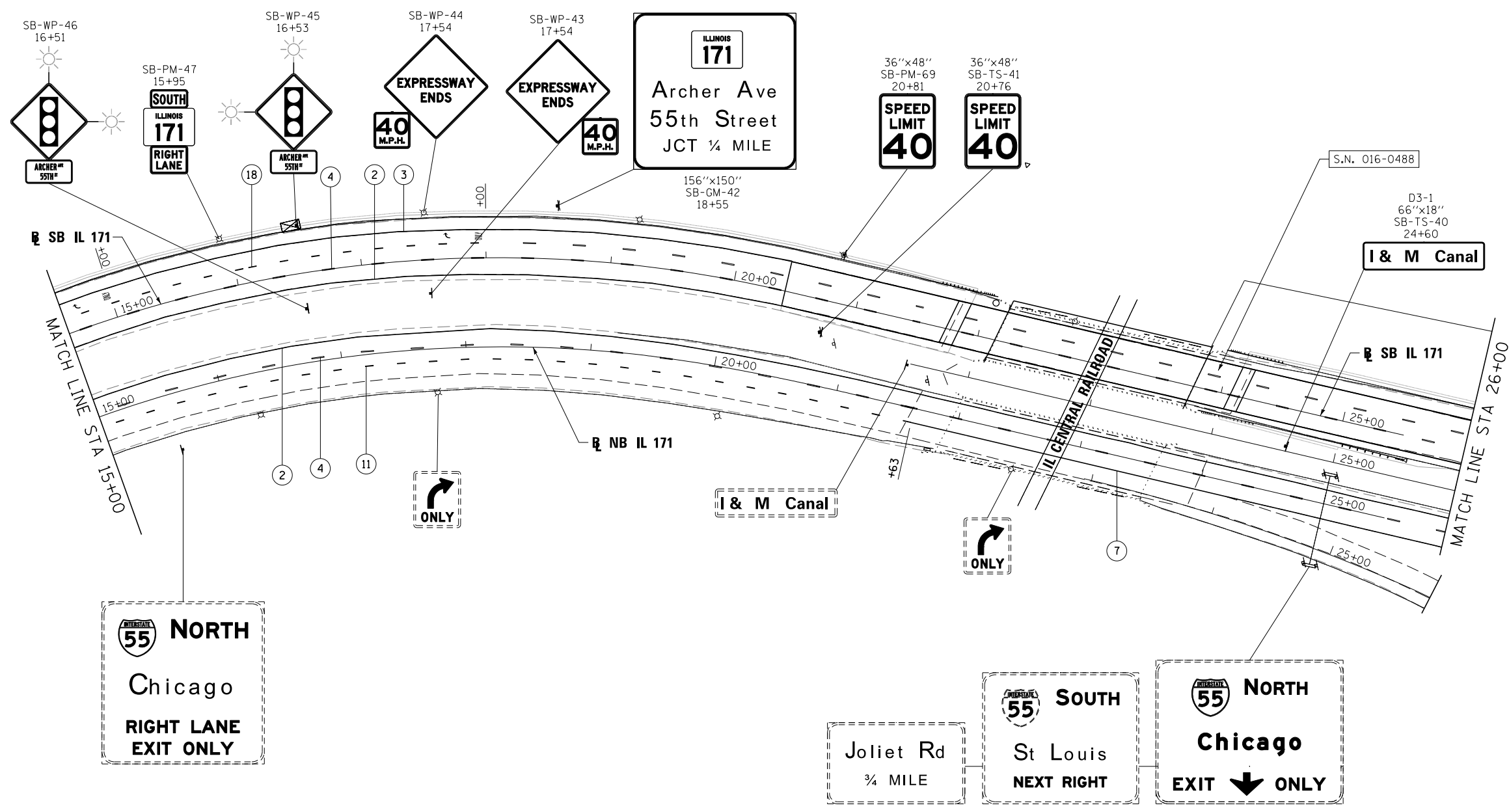


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN  
IL 171**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	152
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

- |   |   |
|---|---|
| ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)          | ⑩ EPOXY PAVEMENT MARKING - LINE 24" (WHITE)                             |
| ② EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)                     | ⑪ EPOXY PAVEMENT MARKING - LINE 8" (WHITE) (3' DASH, 9' SKIP)           |
| ③ EPOXY PAVEMENT MARKING - LINE 4" (WHITE)                      | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)                     |
| ④ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)                      |
| ⑤ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (2' DASH, 6' SKIP)   | ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) |
| ⑥ EPOXY PAVEMENT MARKING - LINE 6" (WHITE)                      | ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)                      |
| ⑦ EPOXY PAVEMENT MARKING - LINE 8" (WHITE)                      | ⑯ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)                     |
| ⑧ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   | ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   |
| ⑨ EPOXY PAVEMENT MARKING - LINE 12" (WHITE)                     | ⑱ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (3' DASH, 9' SKIP)           |

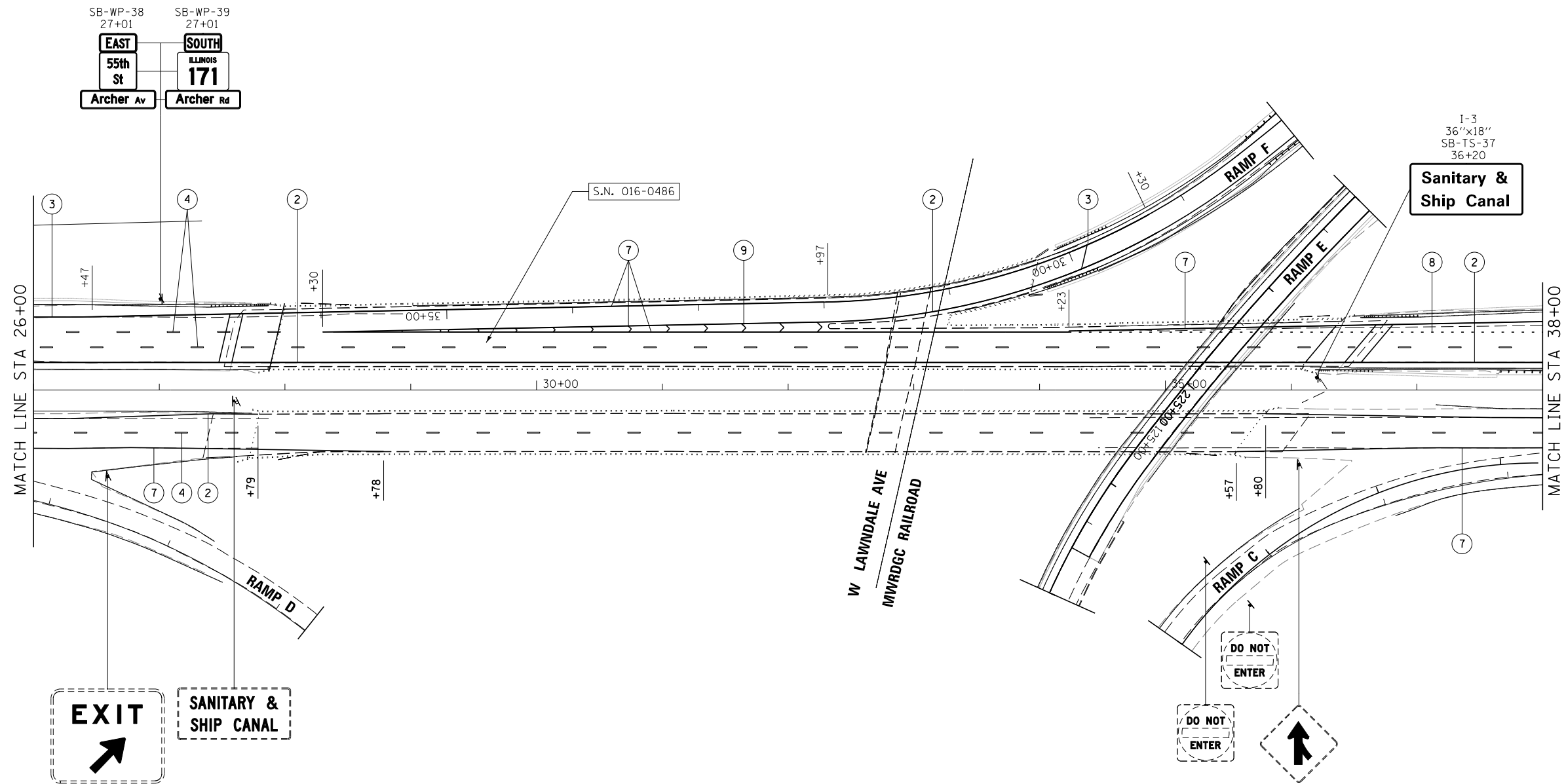
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PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN			
IL 171			
SCALE: 1"=50'	SHEET 2 OF 12 SHEETS	STA. 15+00.00 TO STA. 26+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	153
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

- |   |   |
|---|---|
| ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)          | ⑩ EPOXY PAVEMENT MARKING - LINE 24" (WHITE)                             |
| ② EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)                     | ⑪ EPOXY PAVEMENT MARKING - LINE 8" (WHITE) (3' DASH, 9' SKIP)           |
| ③ EPOXY PAVEMENT MARKING - LINE 4" (WHITE)                      | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)                     |
| ④ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)                      |
| ⑤ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (2' DASH, 6' SKIP)   | ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) |
| ⑥ EPOXY PAVEMENT MARKING - LINE 6" (WHITE)                      | ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)                      |
| ⑦ EPOXY PAVEMENT MARKING - LINE 8" (WHITE)                      | ⑯ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)                     |
| ⑧ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   | ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   |
| ⑨ EPOXY PAVEMENT MARKING - LINE 12" (WHITE)                     | ⑱ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (3' DASH, 9' SKIP)           |

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



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN  
IL 171

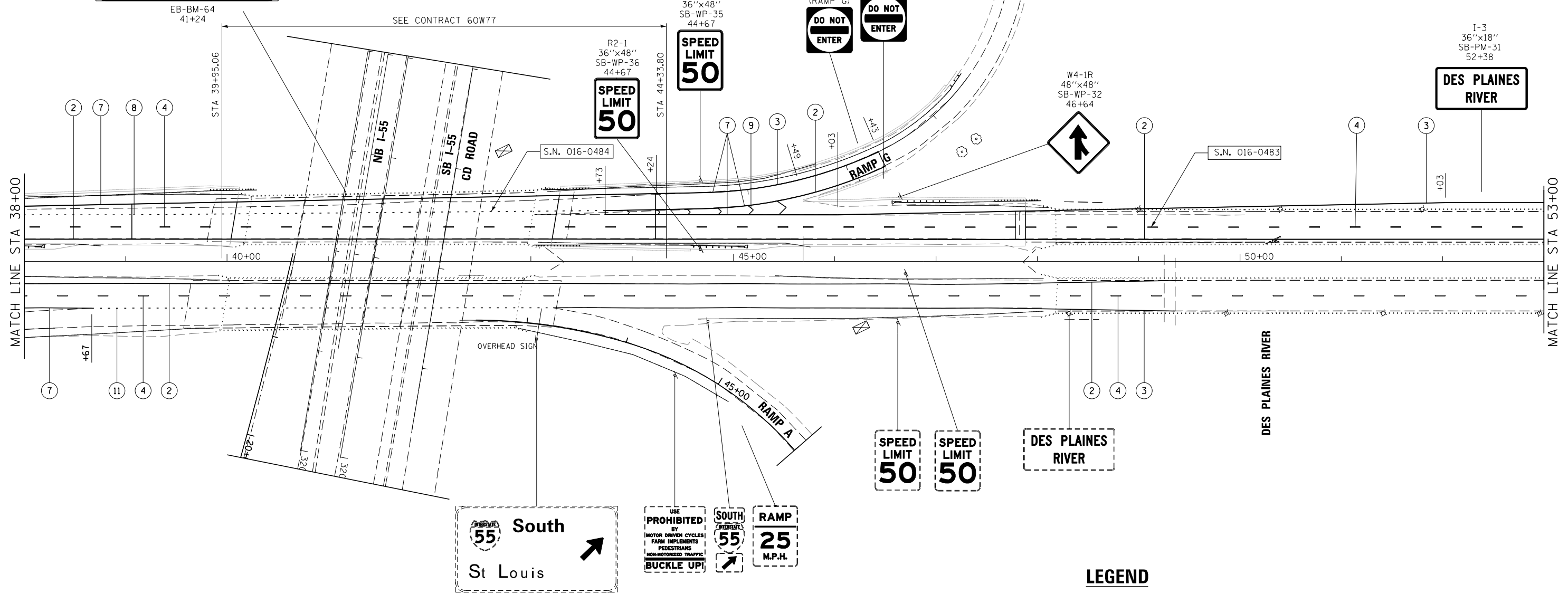
SCALE: 1"=50' SHEET 3 OF 12 SHEETS STA. 26+00.00 TO STA. 38+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	154
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				

**EXIT 282 B**

ILLINOIS  
**171 NORTH**

**1st Ave**



**LEGEND**

- |   |   |
|---|---|
| ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)          | ⑩ EPOXY PAVEMENT MARKING - LINE 24" (WHITE)                             |
| ② EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)                     | ⑪ EPOXY PAVEMENT MARKING - LINE 8" (WHITE) (3' DASH, 9' SKIP)           |
| ③ EPOXY PAVEMENT MARKING - LINE 4" (WHITE)                      | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)                     |
| ④ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)                      |
| ⑤ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (2' DASH, 6' SKIP)   | ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) |
| ⑥ EPOXY PAVEMENT MARKING - LINE 6" (WHITE)                      | ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)                      |
| ⑦ EPOXY PAVEMENT MARKING - LINE 8" (WHITE)                      | ⑯ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)                     |
| ⑧ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   | ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   |
| ⑨ EPOXY PAVEMENT MARKING - LINE 12" (WHITE)                     |   |

FILE NAME =	DESIGNED - AAA	REVISED -
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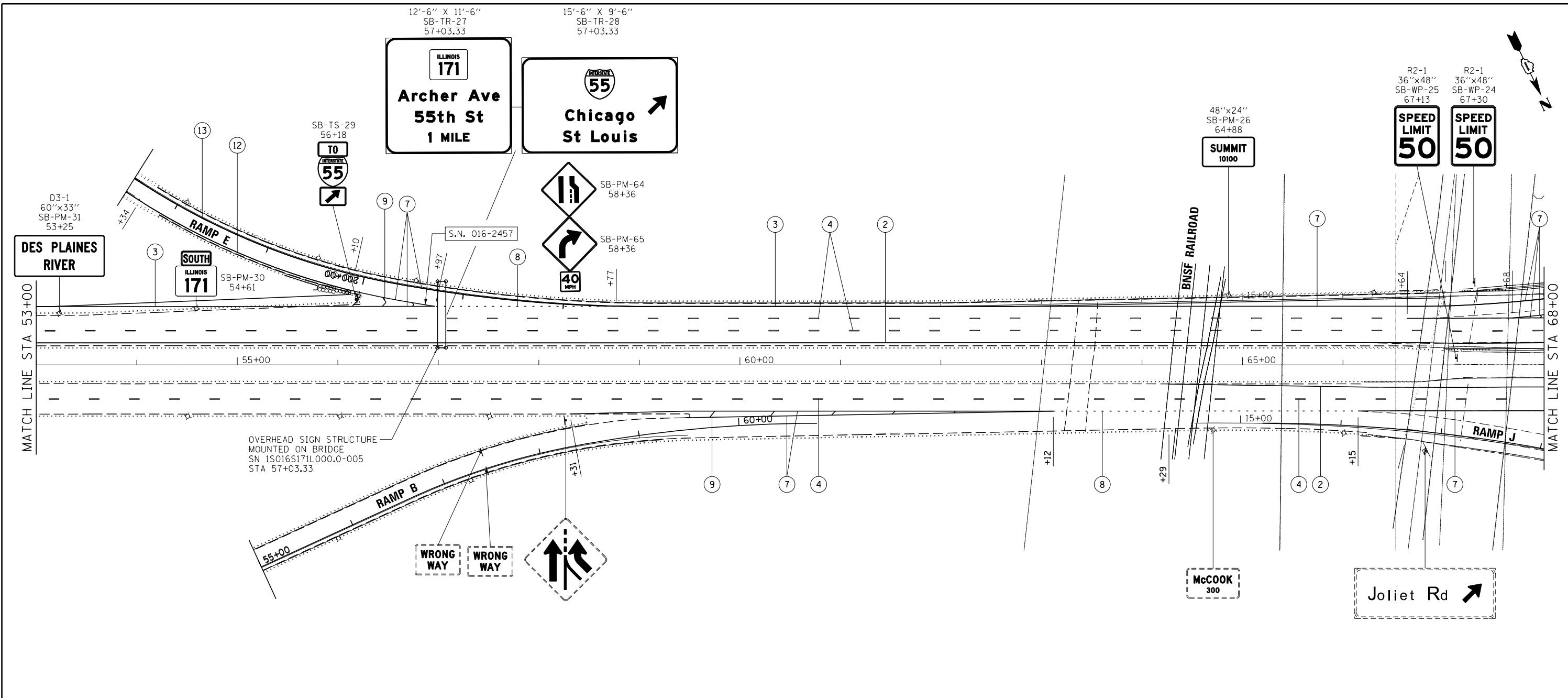


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN  
IL 171**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	155
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

- |   |   |
|---|---|
| ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)          | ⑩ EPOXY PAVEMENT MARKING - LINE 24" (WHITE)                             |
| ② EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)                     | ⑪ EPOXY PAVEMENT MARKING - LINE 8" (WHITE) (3' DASH, 9' SKIP)           |
| ③ EPOXY PAVEMENT MARKING - LINE 4" (WHITE)                      | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)                     |
| ④ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)                      |
| ⑤ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (2' DASH, 6' SKIP)   | ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) |
| ⑥ EPOXY PAVEMENT MARKING - LINE 6" (WHITE)                      | ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)                      |
| ⑦ EPOXY PAVEMENT MARKING - LINE 8" (WHITE)                      | ⑯ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)                     |
| ⑧ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   | ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   |
| ⑨ EPOXY PAVEMENT MARKING - LINE 12" (WHITE)                     | ⑱ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (3' DASH, 9' SKIP)           |

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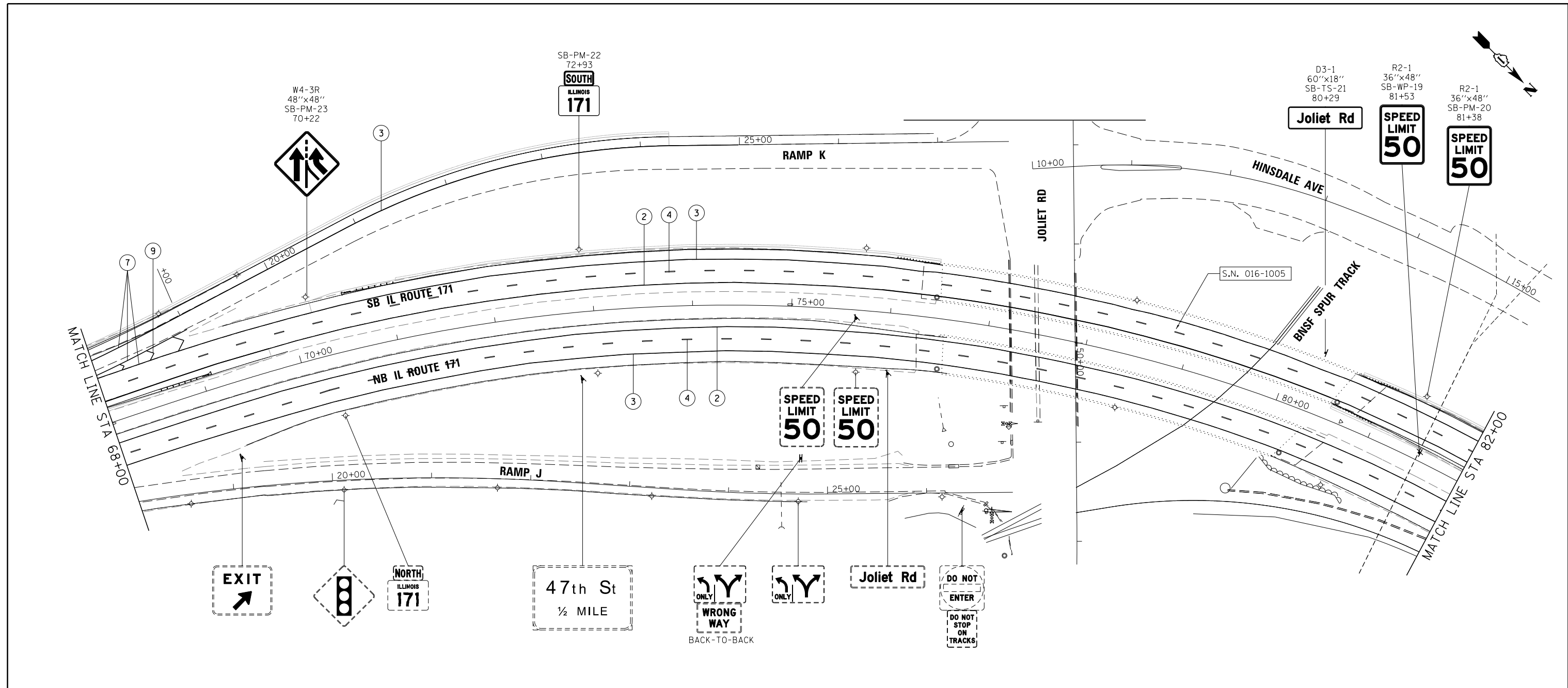
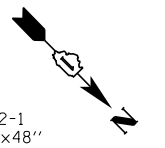
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN  
IL 171

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	156
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	





**LEGEND**

- |   |   |
|---|---|
| ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)          | ⑩ EPOXY PAVEMENT MARKING - LINE 24" (WHITE)                             |
| ② EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)                     | ⑪ EPOXY PAVEMENT MARKING - LINE 8" (WHITE) (3' DASH, 9' SKIP)           |
| ③ EPOXY PAVEMENT MARKING - LINE 4" (WHITE)                      | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)                     |
| ④ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)                      |
| ⑤ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (2' DASH, 6' SKIP)   | ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) |
| ⑥ EPOXY PAVEMENT MARKING - LINE 6" (WHITE)                      | ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)                      |
| ⑦ EPOXY PAVEMENT MARKING - LINE 8" (WHITE)                      | ⑯ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)                     |
| ⑧ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   | ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   |
| ⑨ EPOXY PAVEMENT MARKING - LINE 12" (WHITE)                     | ⑱ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (3' DASH, 9' SKIP)           |

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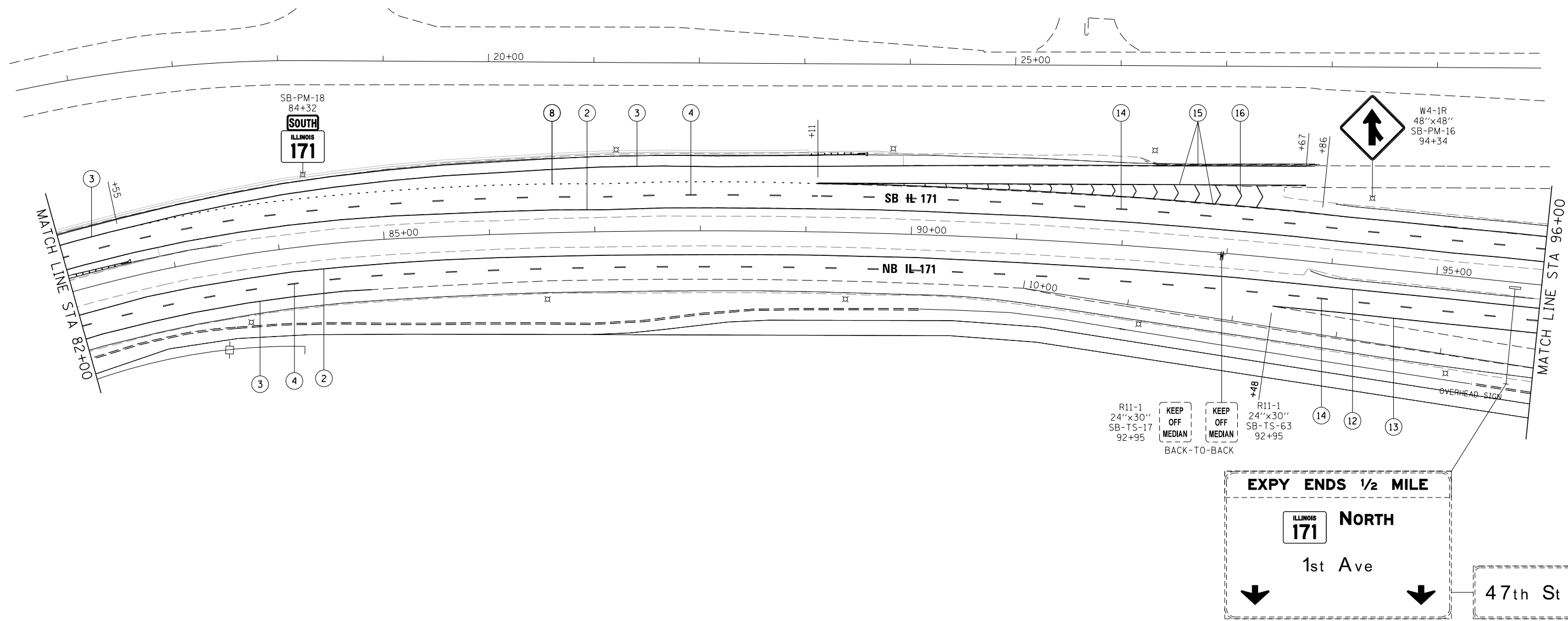
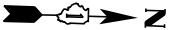


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN  
IL 171

SCALE: 1"=50' SHEET 6 OF 12 SHEETS STA. 68+00.00 TO STA. 82+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	157
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

- |   |   |
|---|---|
| ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)          | ⑩ EPOXY PAVEMENT MARKING - LINE 24" (WHITE)                             |
| ② EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)                     | ⑪ EPOXY PAVEMENT MARKING - LINE 8" (WHITE) (3' DASH, 9' SKIP)           |
| ③ EPOXY PAVEMENT MARKING - LINE 4" (WHITE)                      | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)                     |
| ④ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)                      |
| ⑤ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (2' DASH, 6' SKIP)   | ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) |
| ⑥ EPOXY PAVEMENT MARKING - LINE 6" (WHITE)                      | ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)                      |
| ⑦ EPOXY PAVEMENT MARKING - LINE 8" (WHITE)                      | ⑯ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)                     |
| ⑧ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   | ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   |
| ⑨ EPOXY PAVEMENT MARKING - LINE 12" (WHITE)                     |   |

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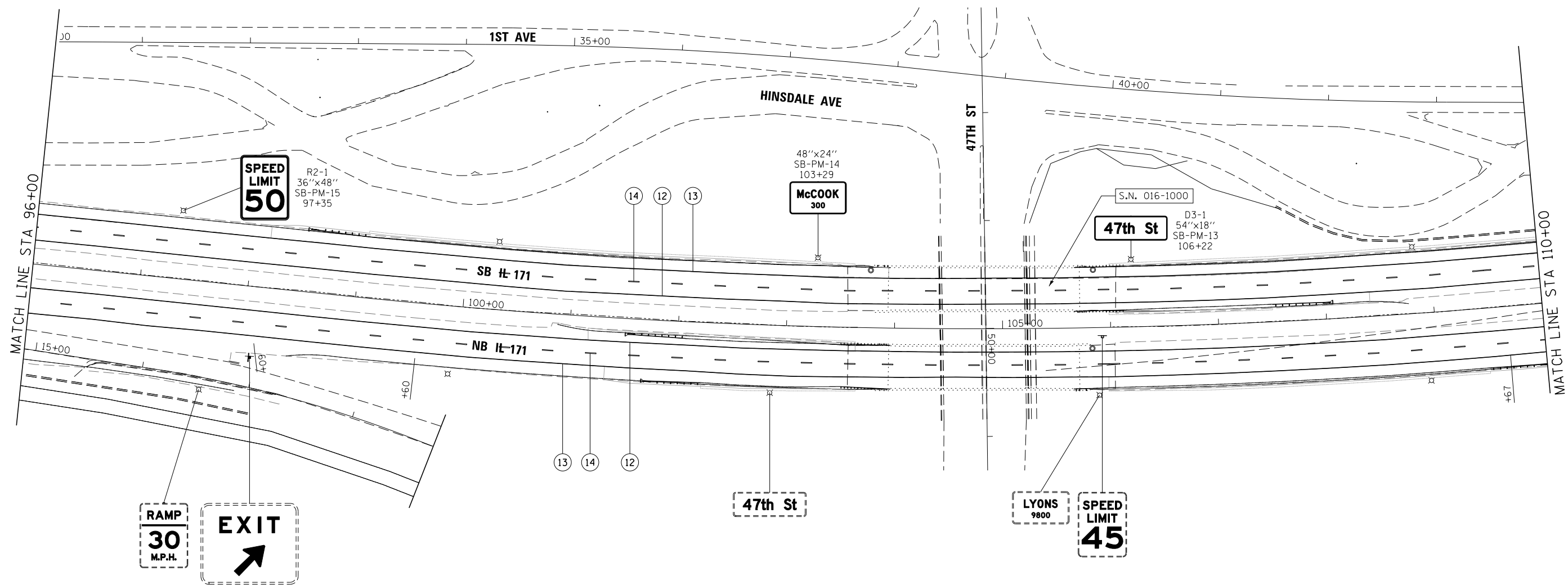
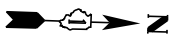


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN  
IL 171**

SCALE: 1"=50' SHEET 7 OF 12 SHEETS STA. 82+00.00 TO STA. 96+00.00

F.A.P. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	158
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

- |   |   |
|---|---|
| ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)          | ⑩ EPOXY PAVEMENT MARKING - LINE 24" (WHITE)                             |
| ② EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)                     | ⑪ EPOXY PAVEMENT MARKING - LINE 8" (WHITE) (3' DASH, 9' SKIP)           |
| ③ EPOXY PAVEMENT MARKING - LINE 4" (WHITE)                      | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)                     |
| ④ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)                      |
| ⑤ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (2' DASH, 6' SKIP)   | ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) |
| ⑥ EPOXY PAVEMENT MARKING - LINE 6" (WHITE)                      | ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)                      |
| ⑦ EPOXY PAVEMENT MARKING - LINE 8" (WHITE)                      | ⑯ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)                     |
| ⑧ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   | ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   |
| ⑨ EPOXY PAVEMENT MARKING - LINE 12" (WHITE)                     | ⑱ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (3' DASH, 9' SKIP)           |

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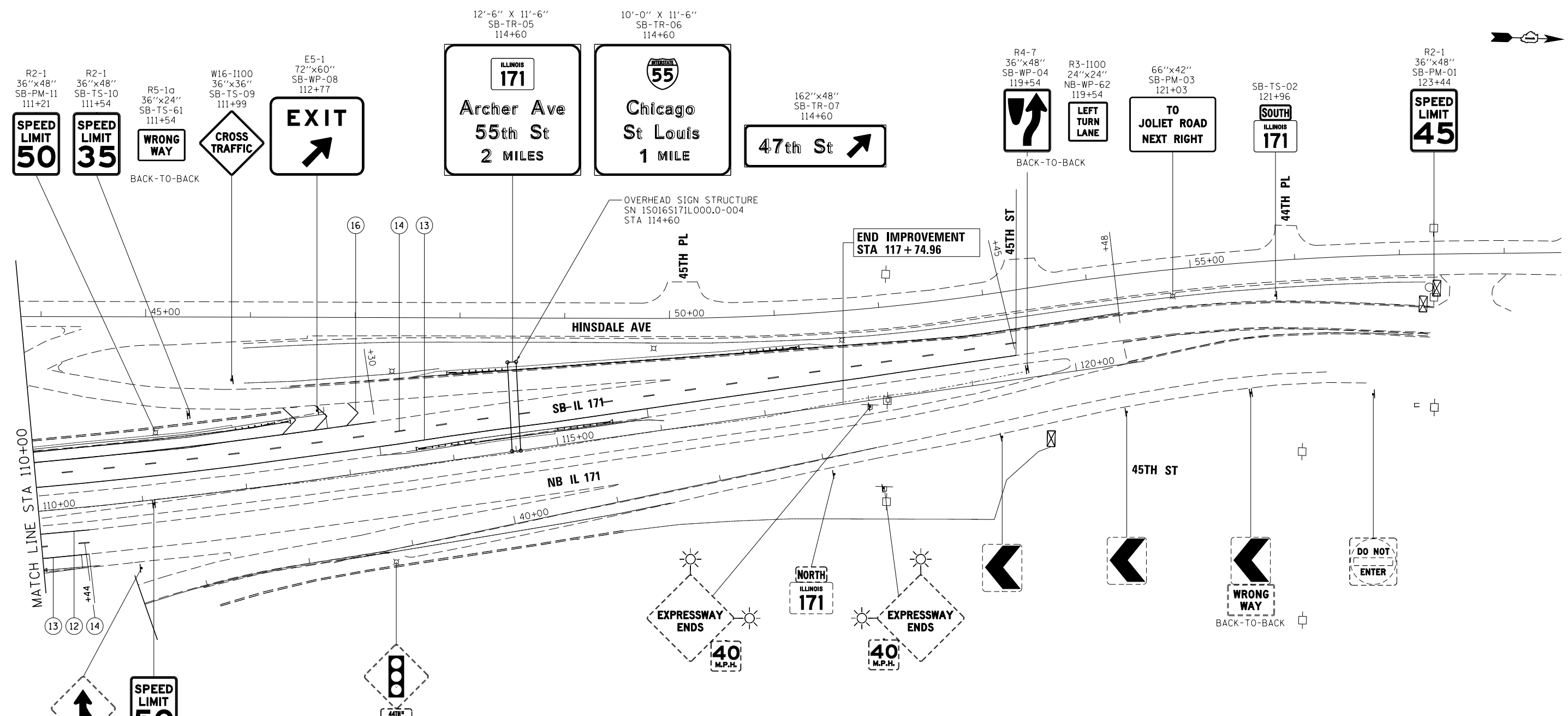
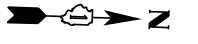


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN  
IL 171

SCALE: 1"=50' SHEET 8 OF 12 SHEETS STA. 96+00.00 TO STA. 110+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	159
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

- |   |   |
|---|---|
| ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)          | ⑩ EPOXY PAVEMENT MARKING - LINE 24" (WHITE)                             |
| ② EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)                     | ⑪ EPOXY PAVEMENT MARKING - LINE 8" (WHITE) (3' DASH, 9' SKIP)           |
| ③ EPOXY PAVEMENT MARKING - LINE 4" (WHITE)                      | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)                     |
| ④ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)                      |
| ⑤ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (2' DASH, 6' SKIP)   | ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) |
| ⑥ EPOXY PAVEMENT MARKING - LINE 6" (WHITE)                      | ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)                      |
| ⑦ EPOXY PAVEMENT MARKING - LINE 8" (WHITE)                      | ⑯ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)                     |
| ⑧ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   | ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   |
| ⑨ EPOXY PAVEMENT MARKING - LINE 12" (WHITE)                     |   |

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	DATE - 6/23/2014	REVISED -



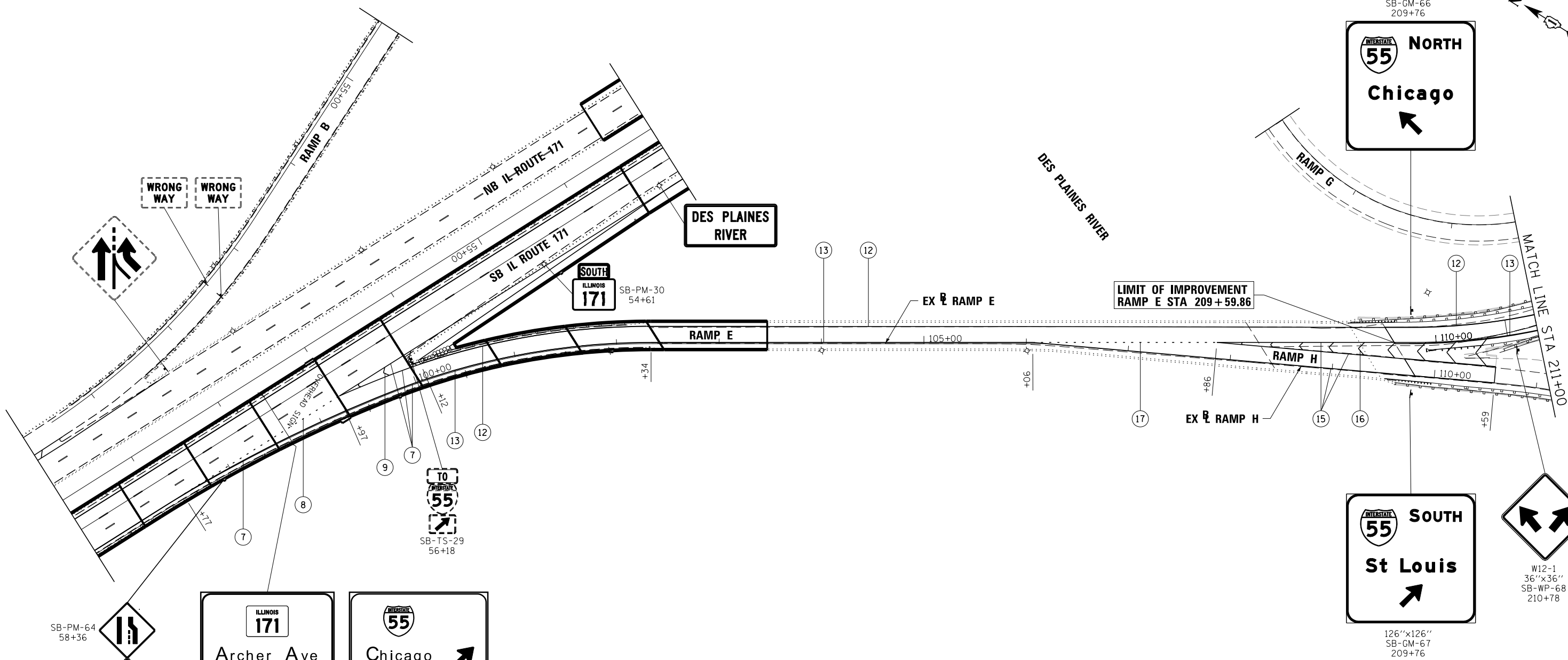
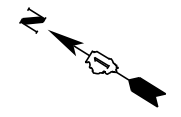
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN  
IL 171**

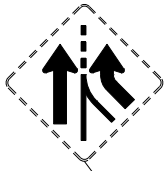
SCALE: 1"=50' SHEET 9 OF 12 SHEETS STA. 110+00.00 TO STA. 117+74.96

F.A.P. RTE. 372/373	SECTION 2013-038B-R	COUNTY COOK	TOTAL SHEETS 821	SHEET NO. 160
CONTRACT NO. 60J16				ILLINOIS FED. AID PROJECT

126"x126"  
SB-GM-66  
209+76



WRONG WAY



DES PLAINES RIVER

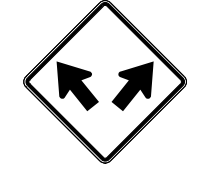
DES PLAINES RIVER

LIMIT OF IMPROVEMENT  
RAMP E STA 209+59.86

MATCH LINE STA 211+00



126"x126"  
SB-GM-67  
209+76



W12-1  
36"x36"  
SB-WP-68  
210+78



156"x150"  
SB-TR-27  
57+59



162"x150"  
SB-TR-28  
57+59

**LEGEND**

- ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ② EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ EPOXY PAVEMENT MARKING - LINE 4" (WHITE)
- ④ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP)
- ⑤ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (2' DASH, 6' SKIP)
- ⑥ EPOXY PAVEMENT MARKING - LINE 6" (WHITE)
- ⑦ EPOXY PAVEMENT MARKING - LINE 8" (WHITE)
- ⑧ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)
- ⑨ EPOXY PAVEMENT MARKING - LINE 12" (WHITE)
- ⑩ EPOXY PAVEMENT MARKING - LINE 24" (WHITE)
- ⑪ EPOXY PAVEMENT MARKING - LINE 8" (WHITE) (3' DASH, 9' SKIP)
- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
- ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP)
- ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- ⑯ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)
- ⑱ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (3' DASH, 9' SKIP)

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-ramp E1-pmk.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -

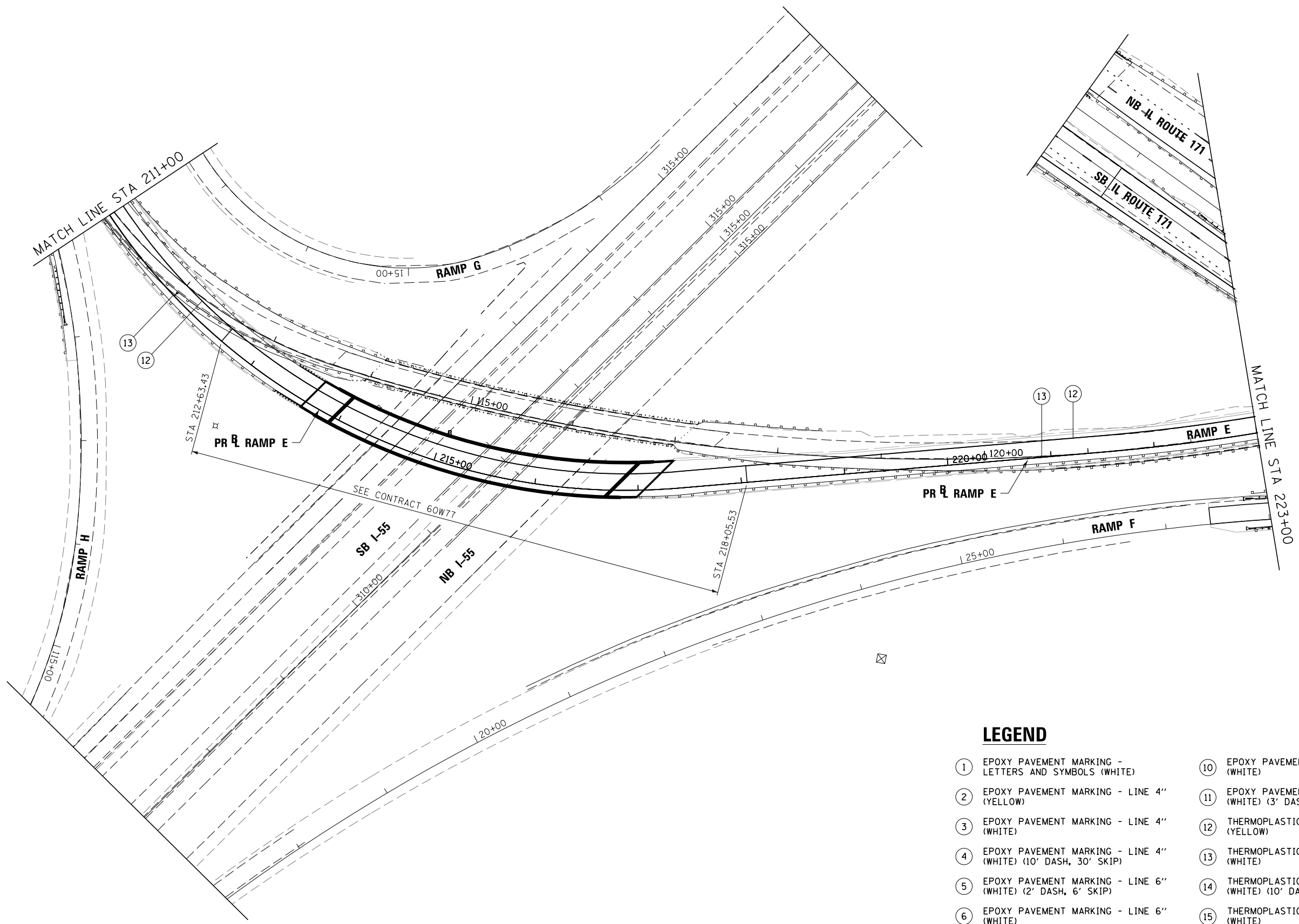


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN  
RAMP E

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	161
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

- |   |   |
|---|---|
| ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)          | ⑩ EPOXY PAVEMENT MARKING - LINE 24" (WHITE)                             |
| ② EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)                     | ⑪ EPOXY PAVEMENT MARKING - LINE 8" (WHITE) (3' DASH, 9' SKIP)           |
| ③ EPOXY PAVEMENT MARKING - LINE 4" (WHITE)                      | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)                     |
| ④ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)                      |
| ⑤ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (2' DASH, 6' SKIP)   | ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) |
| ⑥ EPOXY PAVEMENT MARKING - LINE 6" (WHITE)                      | ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)                      |
| ⑦ EPOXY PAVEMENT MARKING - LINE 8" (WHITE)                      | ⑯ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)                     |
| ⑧ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   | ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   |
| ⑨ EPOXY PAVEMENT MARKING - LINE 12" (WHITE)                     |   |

FILE NAME =	DESIGNED - AAA	REVISED -
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USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -

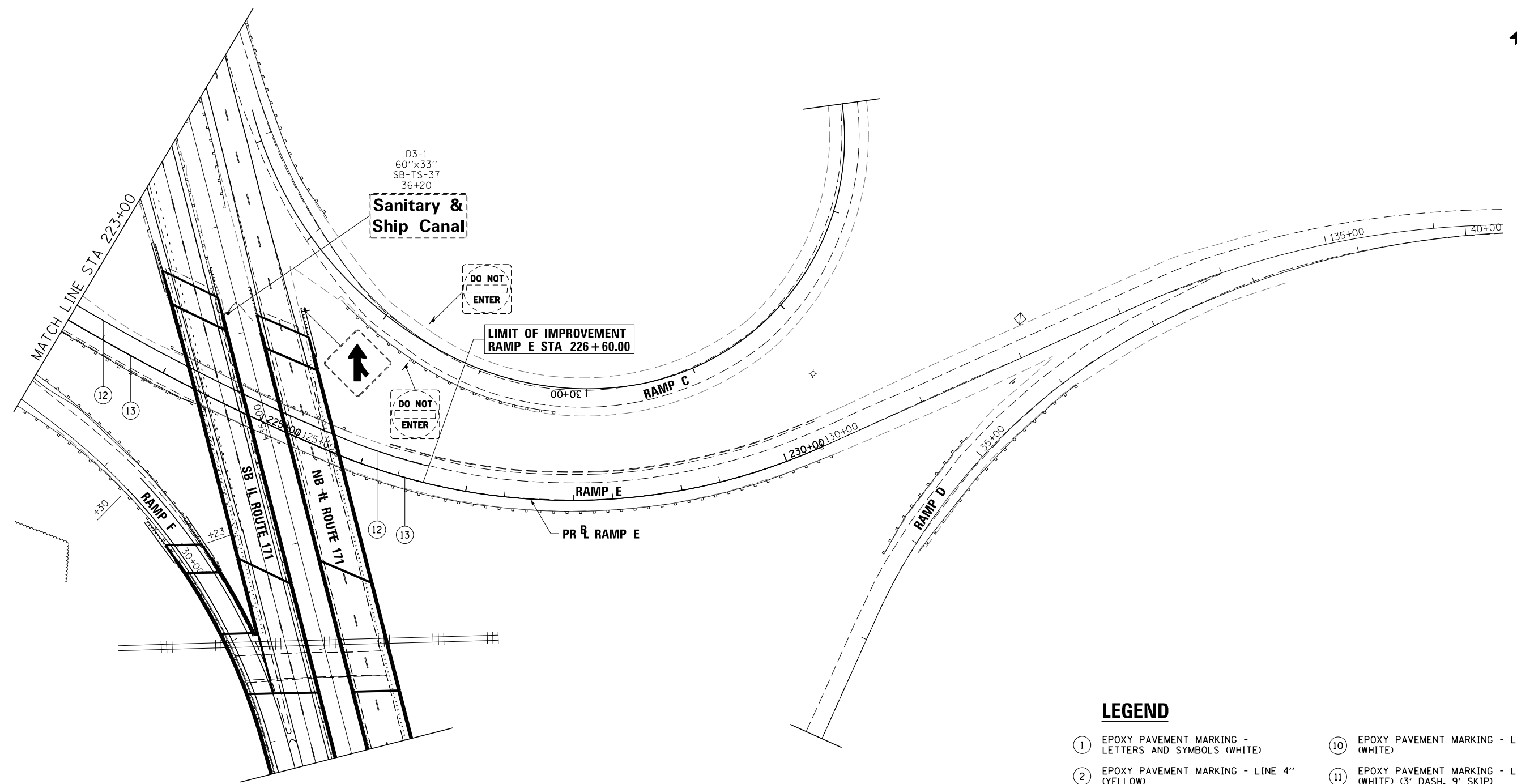
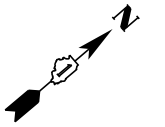


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN  
RAMP E**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	162
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**LEGEND**

- |   |   |
|---|---|
| ① EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)          | ⑩ EPOXY PAVEMENT MARKING - LINE 24" (WHITE)                             |
| ② EPOXY PAVEMENT MARKING - LINE 4" (YELLOW)                     | ⑪ EPOXY PAVEMENT MARKING - LINE 8" (WHITE) (3' DASH, 9' SKIP)           |
| ③ EPOXY PAVEMENT MARKING - LINE 4" (WHITE)                      | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)                     |
| ④ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)                      |
| ⑤ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (2' DASH, 6' SKIP)   | ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (10' DASH, 30' SKIP) |
| ⑥ EPOXY PAVEMENT MARKING - LINE 6" (WHITE)                      | ⑮ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)                      |
| ⑦ EPOXY PAVEMENT MARKING - LINE 8" (WHITE)                      | ⑯ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)                     |
| ⑧ EPOXY PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   | ⑰ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (2' DASH, 6' SKIP)   |
| ⑨ EPOXY PAVEMENT MARKING - LINE 12" (WHITE)                     | ⑱ EPOXY PAVEMENT MARKING - LINE 6" (WHITE) (3' DASH, 9' SKIP)           |

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-ramp E3-pmk.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 8/7/2014	DATE - 6/23/2014	REVISED -



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN  
RAMP E

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	163
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION
SB-WP-36	44+67 LT	SB-PM-01	123+44 LT	SB-TS-41	20+76 RT	SB-TS-10	111+54 RT	SB-PM-59	7+52 RT	SB-PM-48	14+38 LT	SB-PM-51	11+29 LT	NB-WP-62	119+54 LT	SB-PM-58	7+52 RT	SB-WP-04	119+54 LT
SB-WP-35	44+67 LT			SB-PM-69	20+81 RT			SB-PM-54	9+01 RT							SB-PM-56	8+29 LT		
SB-WP-25	67+13 LT							NB-PM-71	9+01 RT										
SB-WP-24	67+30 LT																		
SB-PM-20	81+38 LT																		
SB-WP-19	81+53 LT																		
SB-PM-15	97+35 LT																		
SB-WP-12	111+10 RT																		
SB-PM-11	111+21 LT																		
SB-WP-53	9+68 RT	SB-TS-33	22+71 RT	SB-TS-49	12+64 RT	SB-PM-60	7+32 RT	NB-PM-70	9+01 RT	SB-TS-17	92+95 RT	SB-PM-65	58+36 LT	SB-WP-46	16+51 RT	SB-WP-32	46+64 LT	SB-PM-64	58+36 LT
		SB-TS-34	22+81 LT	SB-TS-61	111+54 LT	SB-PM-55	8+30 LT			SB-TS-63	92+95 RT			SB-WP-45	16+53 LT	SB-PM-16	94+34 LT		
SB-PM-23	70+22 LT	SB-WP-68	210+78 LT	SB-WP-43	17+54 RT	SB-TS-09	111+99 LT	SB-PM-30	54+49 LT	SB-PM-52	10+09 LT	SB-PM-50	12+64 LT	SB-PM-47	15+95 LT	SB-WP-39	27+01 LT	SB-TS-29	56+18 LT
				SB-WP-44	17+54 LT			SB-PM-22	72+93 LT										
								SB-PM-18	84+32 LT										
								SB-TS-02	121+96 LT										

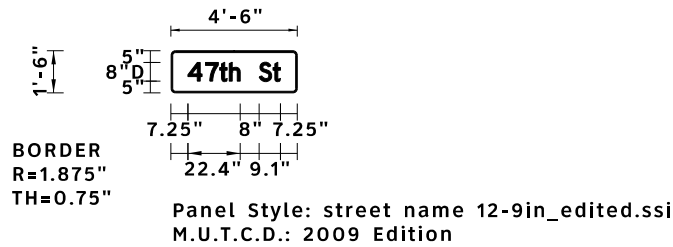






SIGN DETAIL  
1:76

SIGN NUMBER	SB-PM-13, STA 106+22 LT
WIDTH x HGHT.	4'-6" x 1'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	1.875"
MOUNTING	Pole
BACKGROUND	TYPE: Reflective-AP COLOR: Green
LEGENDBORDER	TYPE: Reflective-AP COLOR: WhiteWhite



Panel Style: street name 12-9in\_edited.ssi  
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)												LENGTH	SERIES SIZE
4	7	t	h	S	t								D 2000
7.2	14.8	20.8	24.9	37.6	43.6							39.5	86



USER NAME = Plotted by Linzi	DESIGNED - RC	REVISED -
	DRAWN - RC	REVISED -
PLOT SCALE = 6.8382 ' / in.	CHECKED - ST	REVISED -
PLOT DATE = 8/4/2014	DATE - 6/23/2014	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 171  
SIGNING DETAILS**

SCALE: N.T.S. SHEET NO. 4 OF 19 SHEETS STA. TO STA.

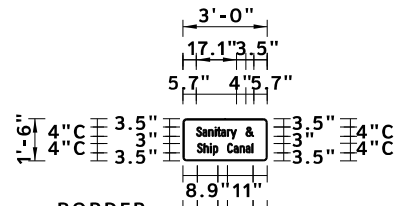
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	167
CONTRACT NO. 60J16				ILLINOIS FED. AID PROJECT





SIGN DETAIL

1:76



**BORDER**  
**R=1.5"** 6.05"4"6.05"  
**TH=0.5"** **Panel Style: GuideSign\_D3-1.ssi**  
**M.U.T.C.D.: 2009 Edition**

SIGN NUMBER	SB-TS-37, STA 36+20 LT
WIDTH x HGHT.	3'-0" x 1'-6"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective-AP
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective-AP
	COLOR: White/White

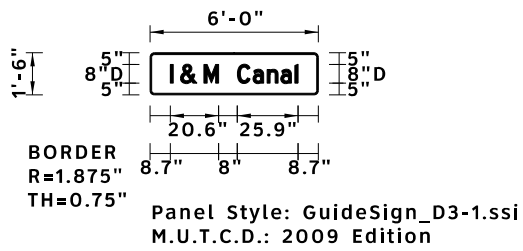
SYMBOL	ROT	X	Y	WID	HT

Panel Style: GuideSign\_D3-1.ssi  
 Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																LENGTH		SERIES SIZE	
S	a	n	i	t	a	r	y	&									24.6	43	C 2000
5.7	8.3	10.9	13.7	14.6	16.3	18.9	20.3	26.8											
S	h	i	p	C	a	n	a	l									23.9	43	C 2000
6.1	8.9	11.6	12.9	18.9	21.7	24.3	26.8	29.4											

SIGN DETAIL  
1:76



Panel Style: GuideSign\_D3-1.ssi  
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-TS-40, STA 24+60 LT
WIDTH x HGHT.	6'-0" x 1'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	1.875"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective-AP
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective-AP
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

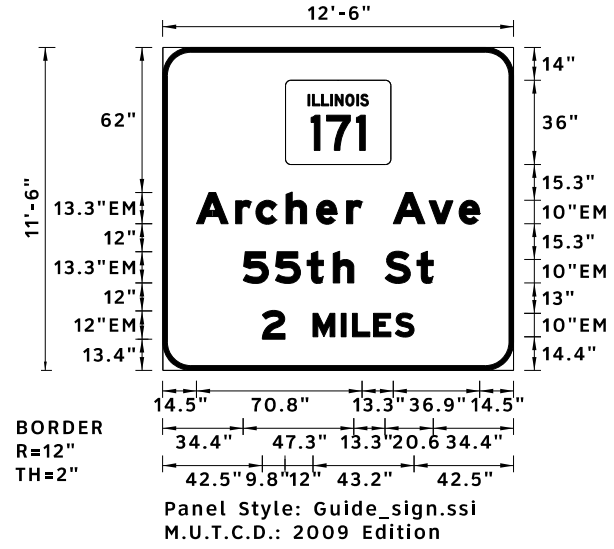
								LENGTH	SERIES/SIZE
I	&	M	C	a	n	a	I	8.7	D 2000
								54.6	8.6

USER NAME = Plotted by Linzi	DESIGNED - RC	REVISED -
PLOT SCALE = 6.8382' / 1"	CHECKED - ST	REVISED -
PLOT DATE = 8/4/2014	DATE - 6/23/2014	REVISED -





SIGN DETAIL  
1:76



Panel Style: Guide\_sign.ssi  
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-TR-05, STA 114+60 LT
WIDTH x HGHT.	12'-6" x 11'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective-ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective-ZZ
	COLOR: WhiteWhite

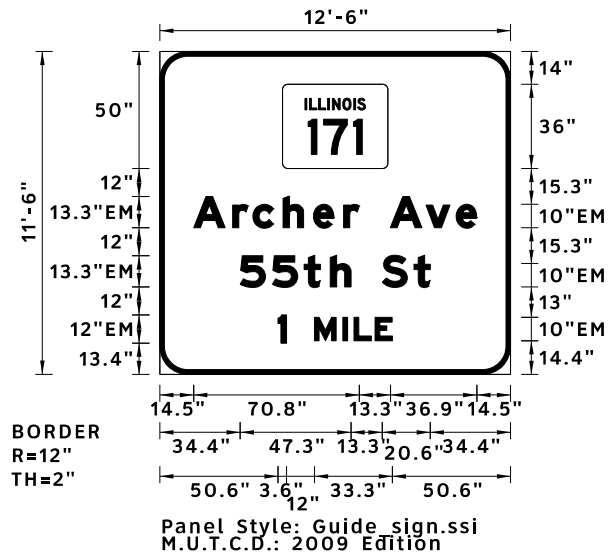
SYMBOL	ROT	X	Y	WID	HT
M1-I100A	0	55.5	98	45	36

LETTER POSITIONS (X)

CHARACTER	A	r	c	h	e	r	A	v	e																LENGTH	SERIES/SIZE	
A	14.5	31.1	39.8	52.7	65.7	78.6	98.6	113.8	126.7																	EM 2000	
r																										121.1	13.310
c	5	5	t	h	S	t																				EM 2000	
h																										81.2	13.310
S	2	M	I	L	E	S																				EM 2000	
t																										64.9	12,10



**SIGN DETAIL**  
1:76



Panel Style: Guide\_sign.ssi  
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-TR-27, STA 57+03 LT
WIDTH x HGHT.	12'-6" x 11'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective-ZZ COLOR: Green
LEGEND/BORDER	TYPE: Reflective-ZZ COLOR: WhiteWhite

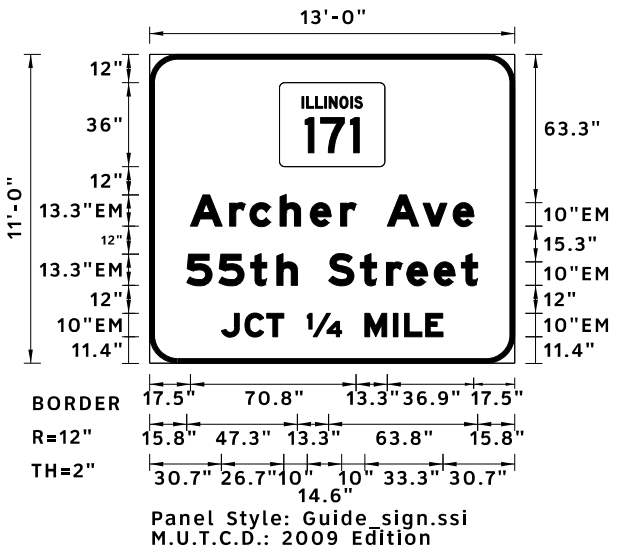
SYMBOL	ROT	X	Y	WID	HT
M1-I100A	0	55.5	98	45	36

LETTER POSITIONS (X)

										LENGTH	SERIES/SIZE
A	r	c	h	e	r	A	v	e		121.1	EM 2000 13.310
14.5	31.1	39.8	52.7	65.7	78.6	98.6	113.8	126.7			
5	5	t	h	S	t					81.2	EM 2000 13.310
34.4	48.1	61.7	72.9	95.1	108.7						
1	M	I	L	E						48.9	EM 2000 12.10
50.6	66.2	78.3	83.1	92.1							



SIGN DETAIL  
1:76



Panel Style: Guide\_sign.ssi  
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

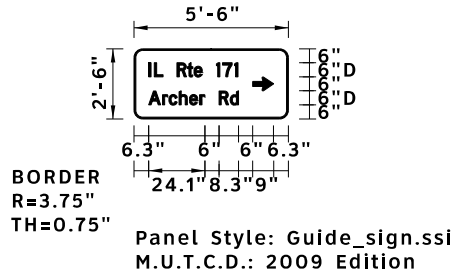
SIGN NUMBER	SB-GM-42, STA 18+55 LT
WIDTH x HGHT.	13'-0" x 11'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective-ZZ COLOR: Green
LEGEND/BORDER	TYPE: Reflective-ZZ COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1-H00A	0	55.5	98	45	36

LETTER POSITIONS (X)

										LENGTH	SERIES SIZE
A	r	c	h	e	r	A	v	e			EM 2000
17.5	34.1	42.8	55.7	68.7	81.6	101.6	116.8	129.7		121.1	13.310
5	5	t	h	S	t	r	e	e	t		EM 2000
15.8	29.5	43.1	54.3	76.5	90.1	101.3	109.9	121.7	133.3	124.4	13.310
J	C	T	14	M	I	L	E				EM 2000
30.7	40.7	50	67.4	92	104.1	108.9	117.9			94.7	10

SIGN DETAIL  
1:76



SIGN NUMBER	SB-PM-57, STA 7+80 LT
WIDTH x HGHT.	5'-6" x 2'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	3.75"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective-ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective-ZZ
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
ARUP	270	50.7	12	6	9

Panel Style: Guide\_sign.ssi  
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																												LENGTH	SERIES/SIZE			
I	L	R	t	e	1	7	1																									D 2000
6.3	8.7	18.4	22.9	25.7	35.2	37.9	43																								38.2	64.5
A	r	c	h	e	r	R	d																									D 2000
6.3	12.2	14.9	19.3	23.7	28.1	36.4	41.1																								38.4	64.5



USER NAME = Plotted by LinZI	DESIGNED - RC	REVISED -
PLOT SCALE = 6.8382' / in.	DRAWN - RC	REVISED -
PLOT DATE = 8/4/2014	CHECKED - ST	REVISED -
	DATE - 6/23/2014	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

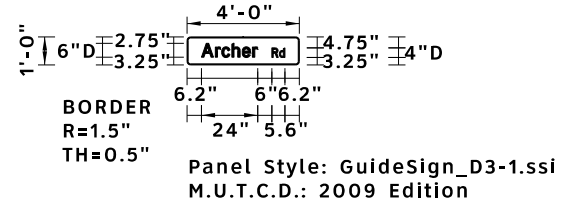
SCALE: N.T.S.	SHEET NO. 15 OF 19 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	178
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				

**SIGN DETAIL**

1:76

SIGN NUMBER	SB-WP-39, STA 27+01 LT
WIDTH x HGHT.	4'-0" x 1'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective-AP
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective-AP
	COLOR: White,Black/White



Panel Style: GuideSign\_D3-1.ssi  
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

SYMBOL	ROT	X	Y	WID	HT

**LETTER POSITIONS (X)**

																		LENGTH	SERIES SIZE
A	r	c	h	e	r													24.1	D 2000 64.4
R	d																	5.6	D 2000 42.9





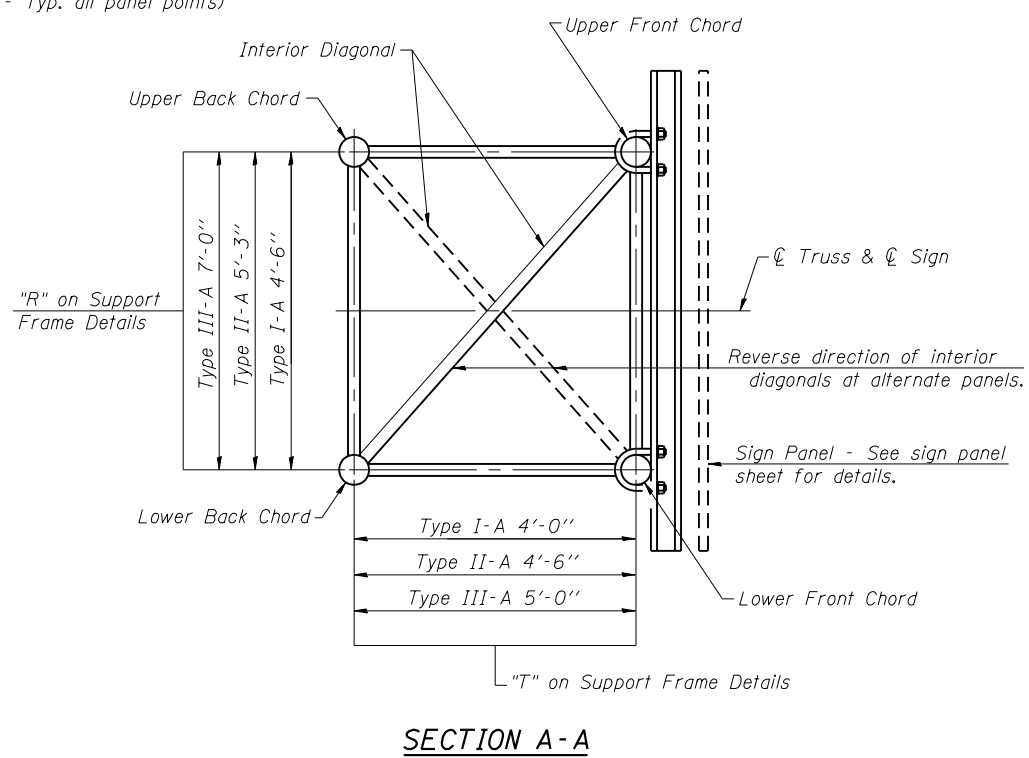
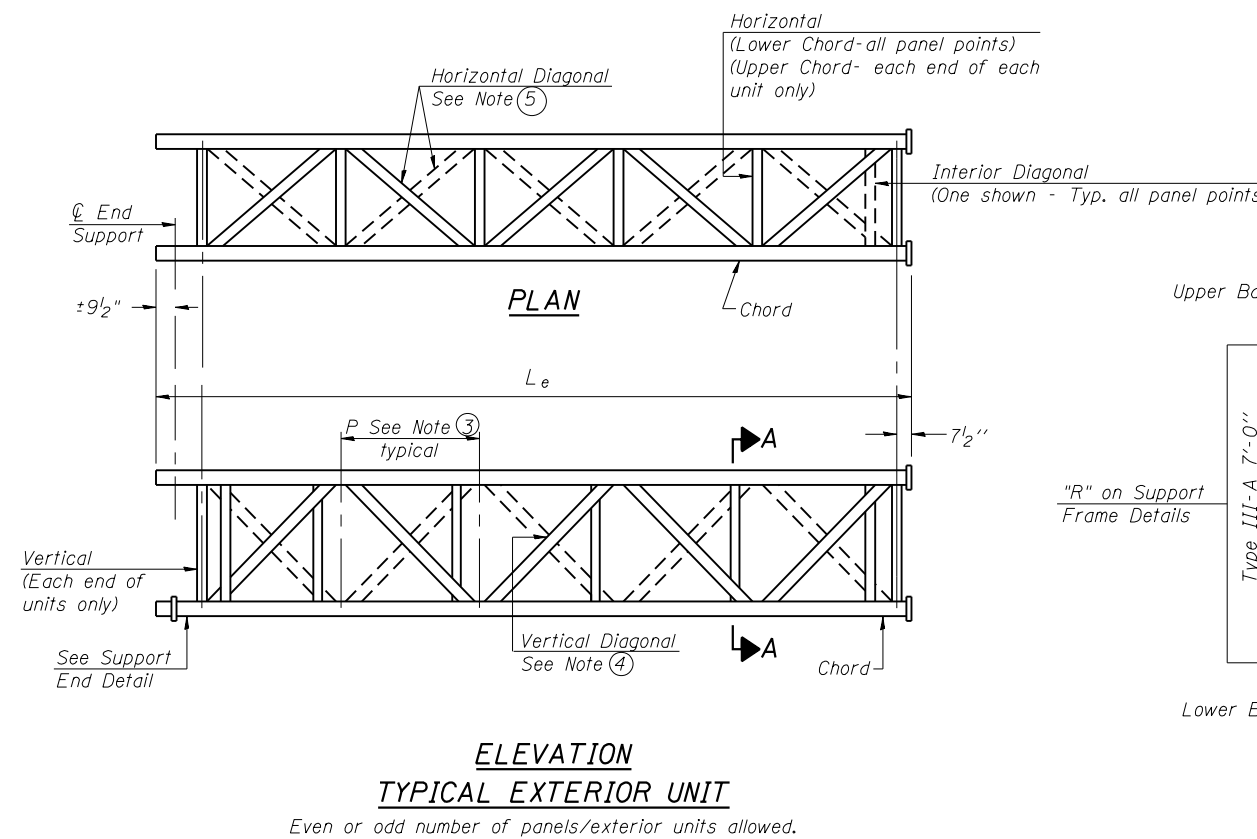
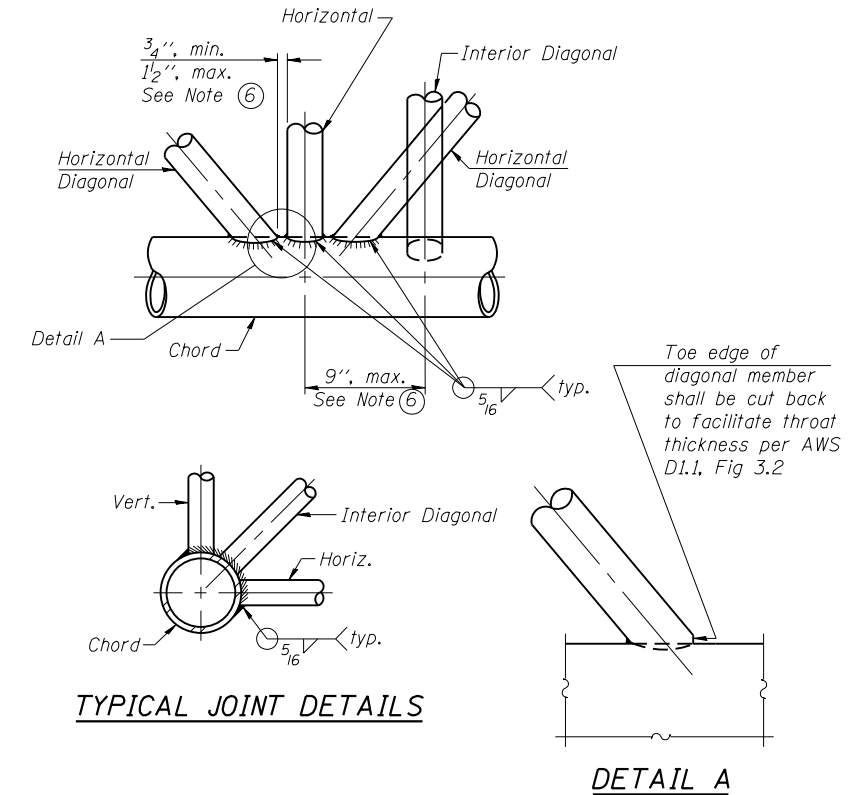
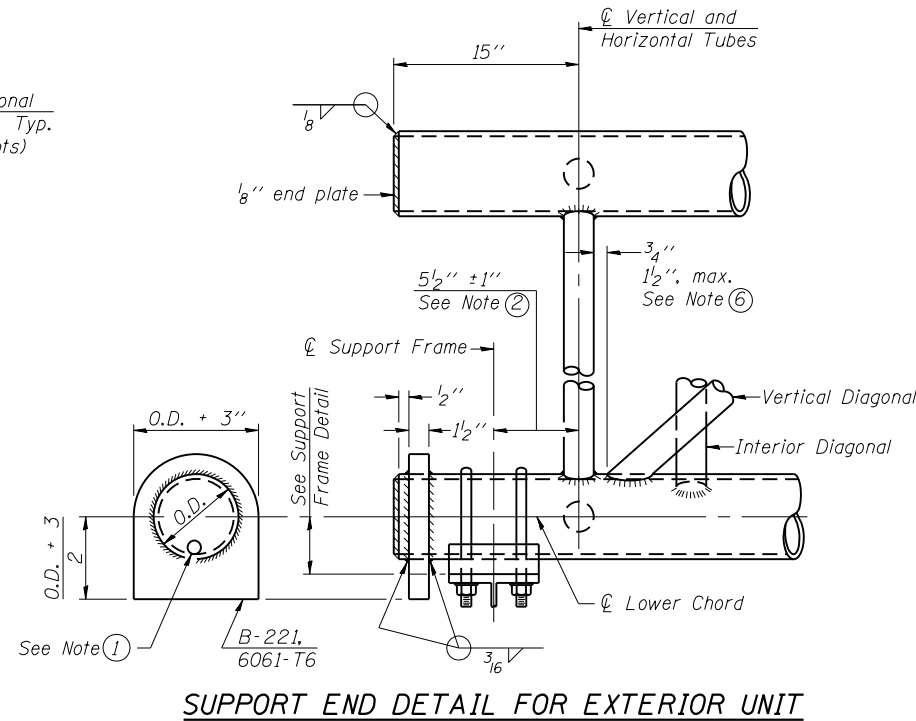
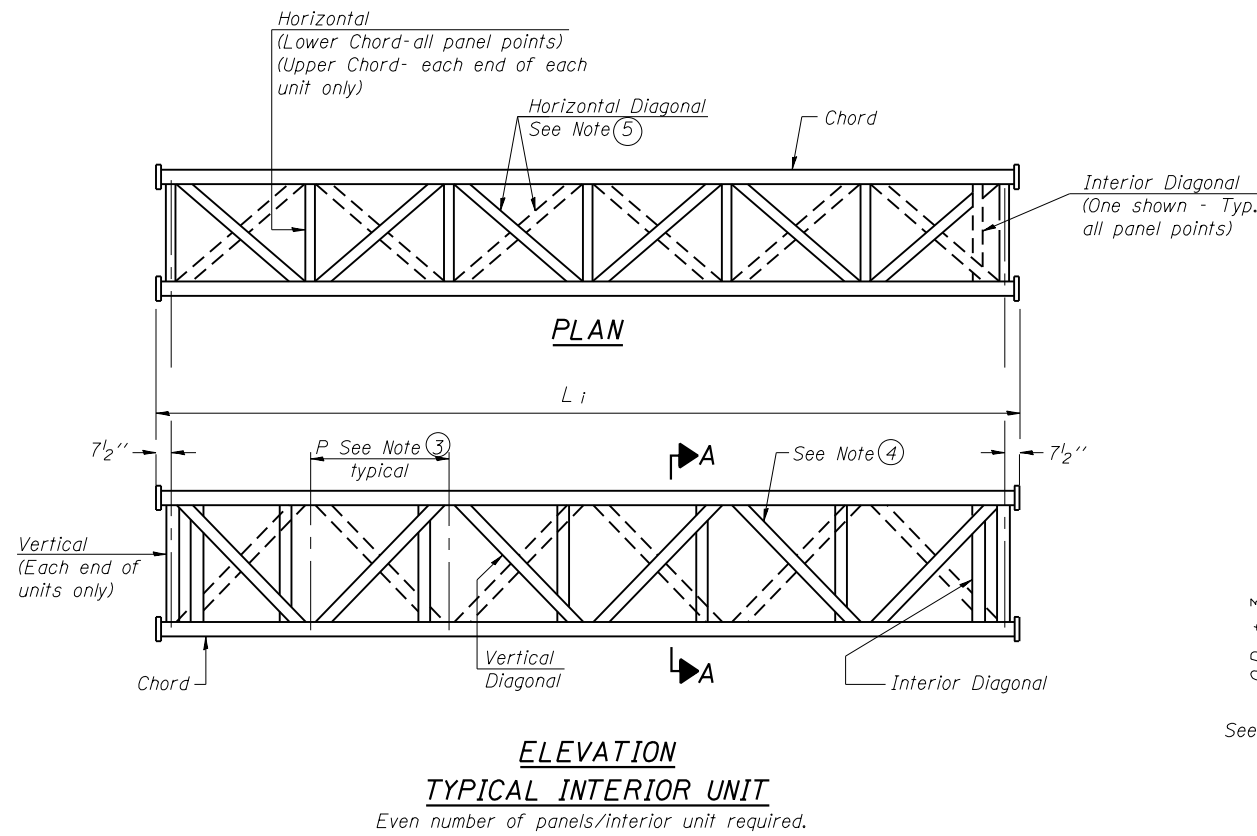












- ① Contractor may alternatively use standard aluminum drive-fit cap to close end. 1/2" φ drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- ② 5 1/2" end dimension may vary by ±1" to provide uniform panel spacing (P).
- ③ Panel spacing (P) shall be uniform for entire truss and between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

OS-A-2

6-1-12

**LE** LIN ENGINEERING, LTD.  
Consulting Engineers  
Springfield, Illinois

USER NAME =	DESIGNED - JJA	REVISED -
FILE NAME =	CHECKED - TBP	REVISED -
PLOT SCALE =	DRAWN - RPW	REVISED -
PLOT DATE = 6/23/2014	CHECKED - TBP	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

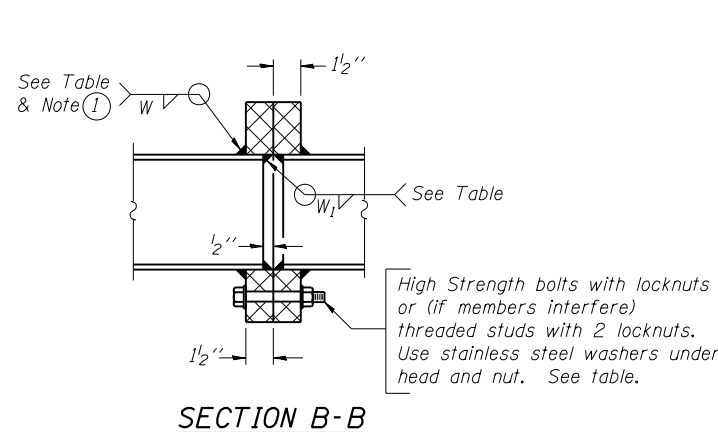
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	184
CONTRACT NO. 60J16				

SHEET NO. 2 OF 10 SHEETS

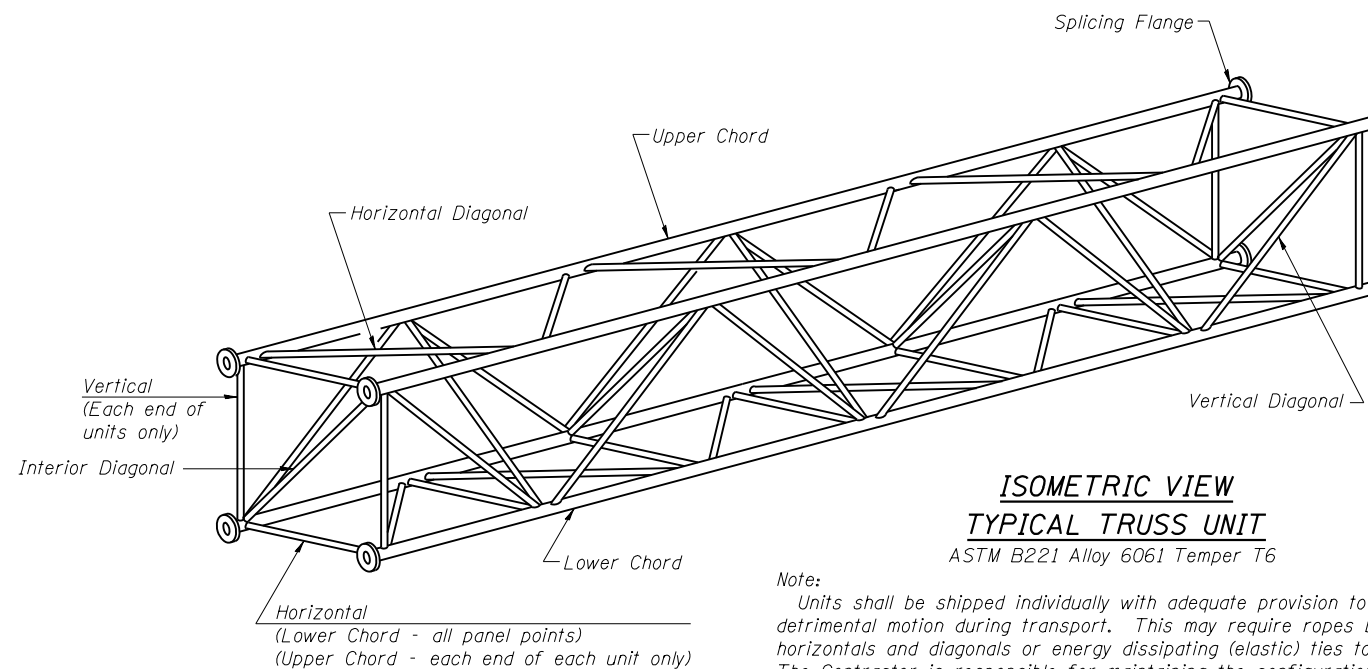
ILLINOIS FED. AID PROJECT

# TRUSS UNIT TABLE

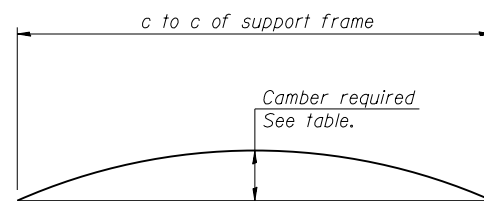
Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit				Upper & Lower Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals				Camber at Midspan	Splicing Flange					
			No. Panels per Unit	Unit Lgth.(L <sub>e</sub> )	Panel Lgth.(P)	No. Req'd.	No. Panels per Unit	Unit Lgth.(L <sub>i</sub> )	Panel Lgth.(P)	O.D.	Wall	O.D.	Wall	Bolts			Weld Sizes		A	B		
														No./Splice	Dia.		W	W <sub>1</sub>				
ISO16S171L000.0-004	114+60.00	I-A	5	25'-10"	4'-9 1/2"	1	6	30'-0"	4'-9 1/2"	5"	5/16"	2 1/2"	5/16"	2 1/4"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"		
ISO16S171L000.0-005	57+03.33	I-A	7	34'-3"	4'-7 1/2"	0	-	-	-	5"	1/4"	2 1/2"	1/4"	1 5/8"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"		



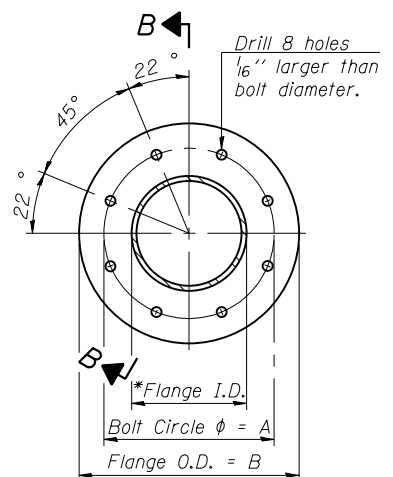
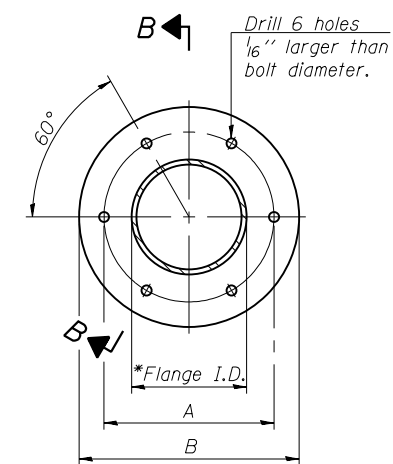
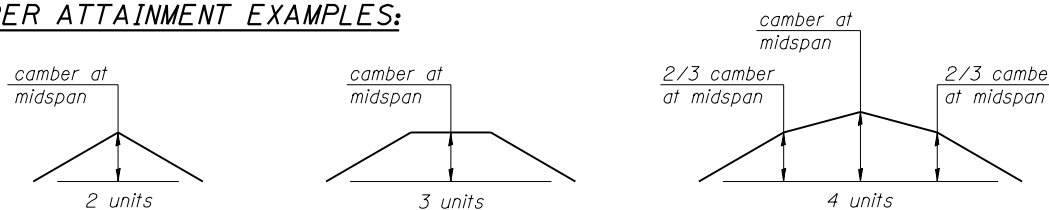
① Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining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



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



### CAMBER ATTAINMENT EXAMPLES:



OS4-A-2

6-1-12

**LE** LIN ENGINEERING, LTD.  
Consulting Engineers  
Springfield, Illinois

USER NAME =	DESIGNED - JJA	REVISED -
FILE NAME =	CHECKED - TBP	REVISED -
PLOT SCALE =	DRAWN - RPW	REVISED -
PLOT DATE = 6/23/2014	CHECKED - TBP	REVISED -

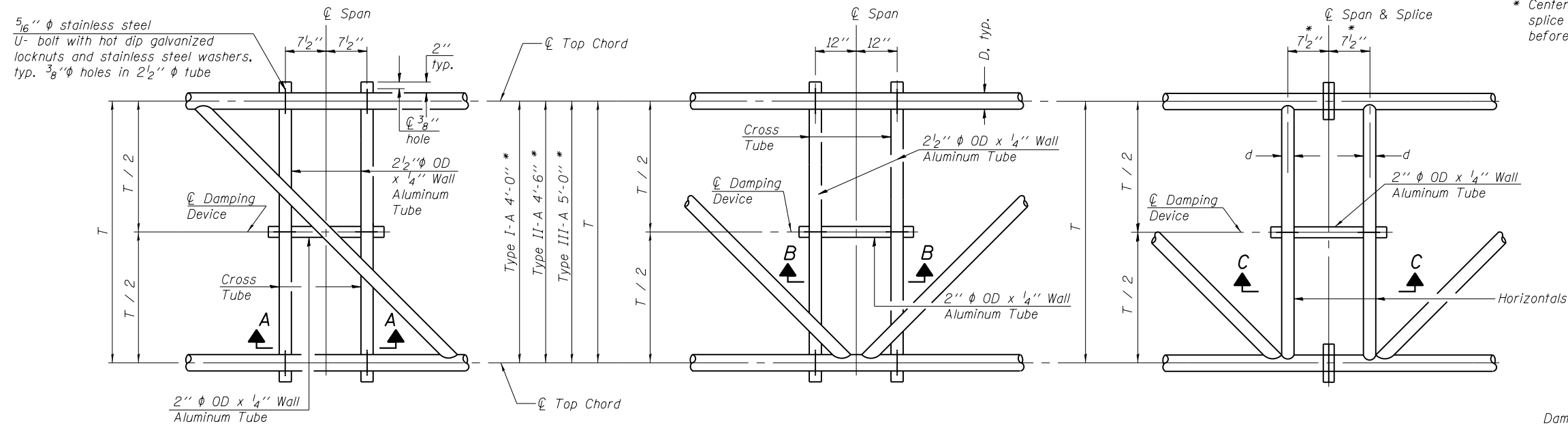
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	185
CONTRACT NO. 60J16				

SHEET NO. 3 OF 10 SHEETS

ILLINOIS FED. AID PROJECT



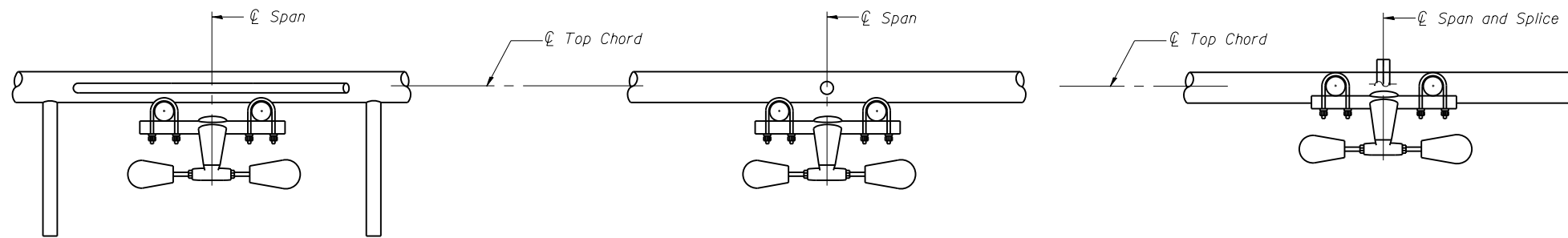
**PLAN DETAIL "A"**  
 ☉ Span between Panel Points

**PLAN DETAIL "B"**  
 ☉ Span at Panel Point

**PLAN DETAIL "C"**  
 ☉ Span at ☉ Chord Splice

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

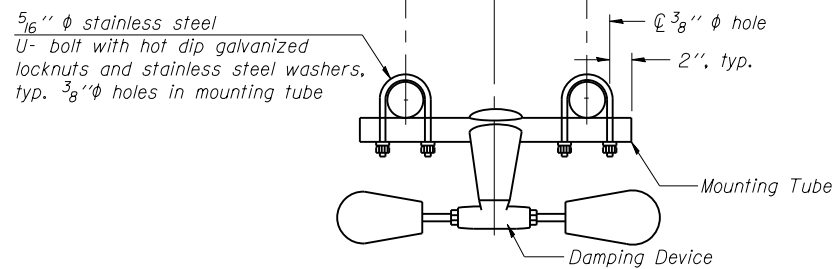
- NOTES**
- Damper: One damper per truss. (31 lbs. minimum Stockbridge-Type Aluminum - 29" minimum between ends of weights) Cost included in Overhead Sign Structure...
  - Materials: Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...



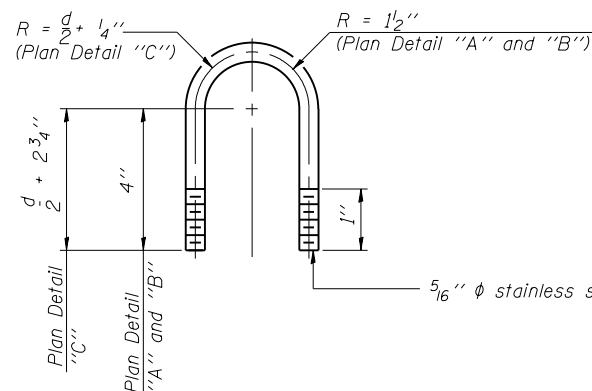
**SECTION A-A**

**SECTION B-B**

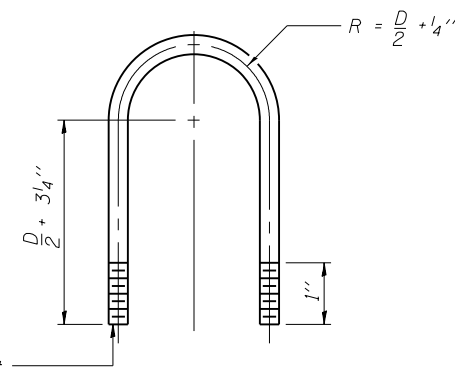
**SECTION C-C**



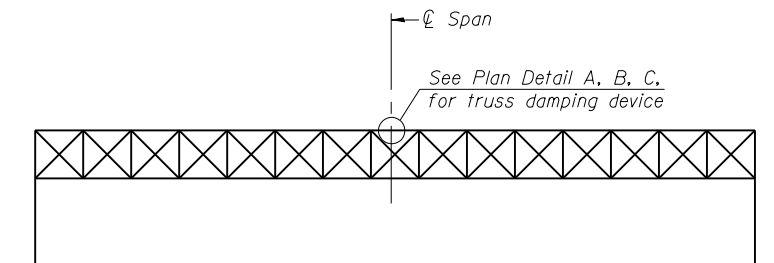
**TRUSS DAMPING DEVICE CONNECTION DETAIL**  
 (Typical)



**DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL**  
 (Typical)



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



**ELEVATION**  
 Aluminum Overhead Sign Truss

OS-A-D

6-1-12

**LE** LIN ENGINEERING, LTD.  
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 Springfield, Illinois

USER NAME =	DESIGNED - JJA	REVISED -
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PLOT DATE = 6/23/2014	CHECKED - TBP	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURE  
 DAMPING DEVICE

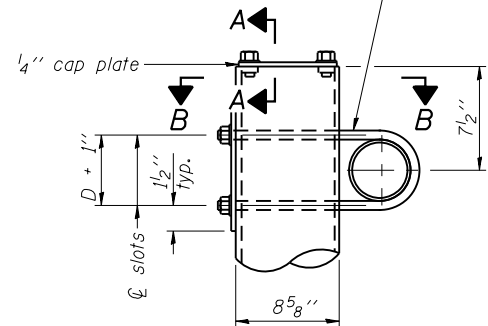
SHEET NO. 4 OF 10 SHEETS

F.A.P. RTE. = 372/373	SECTION = 2013-038B-R	COUNTY = COOK	TOTAL SHEETS = 821	SHEET NO. = 186
CONTRACT NO. 60J16				

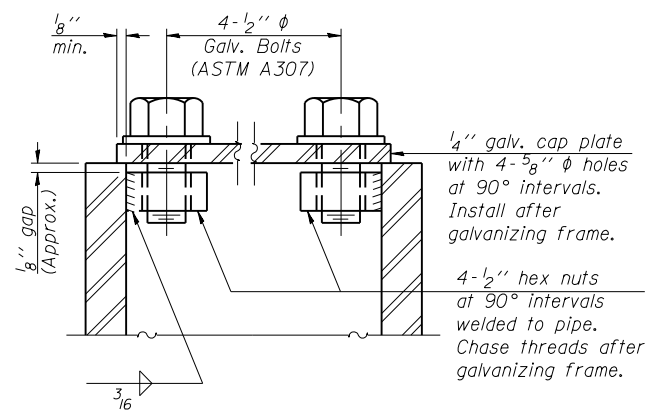
ILLINOIS FED. AID PROJECT



3/4" φ stainless steel U-bolt.  
Provide two washers and two hexagon locknuts. (4)  
1 3/16" x 2" slots on 8" φ pipe.  
(4 slots required per pipe)

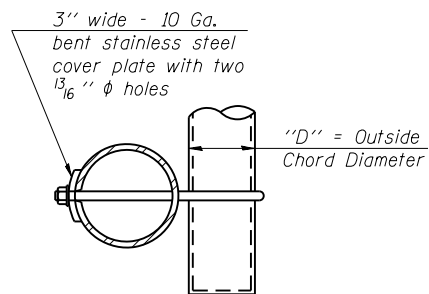


**DETAIL A**

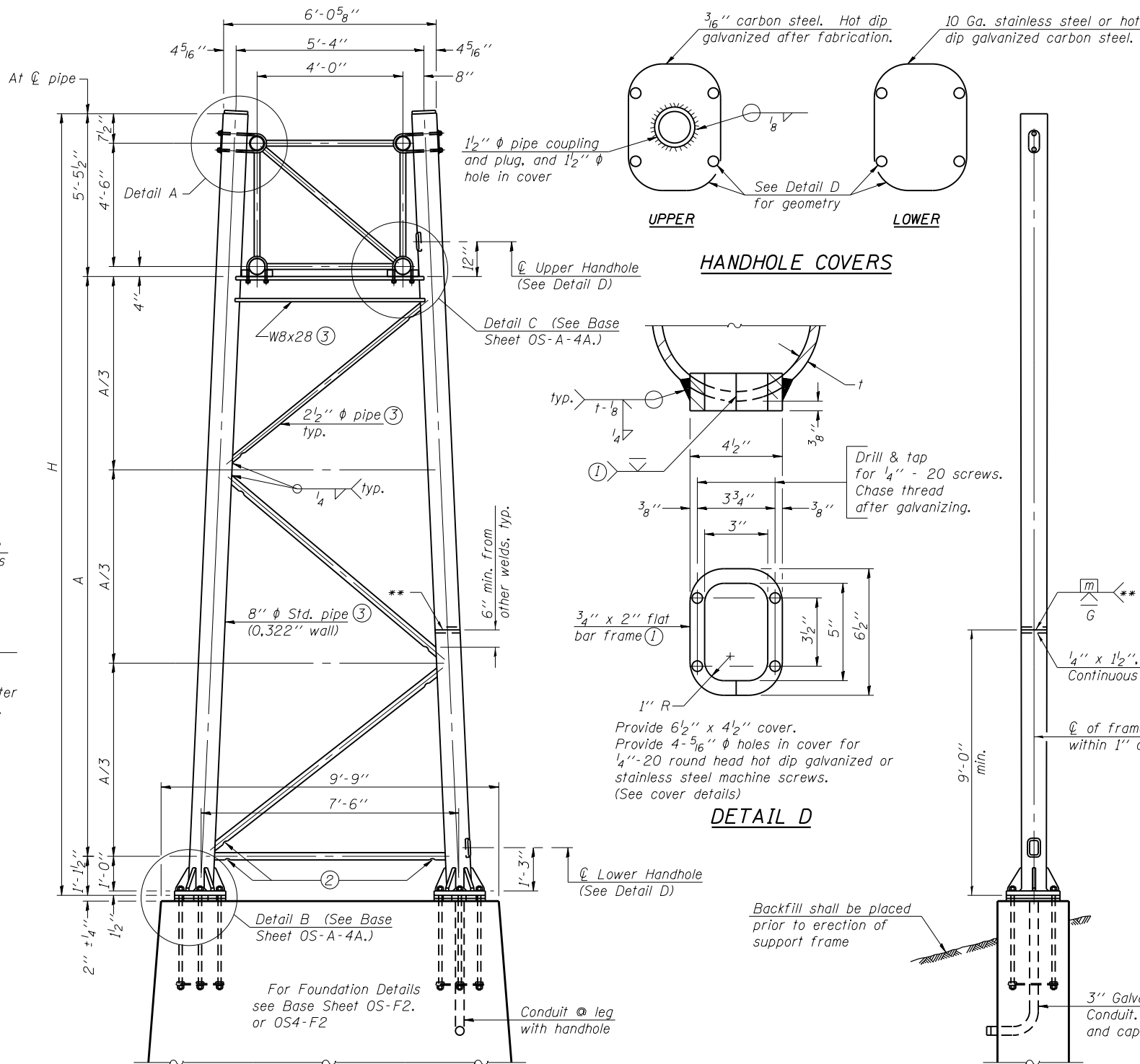


**SECTION A-A**

As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.

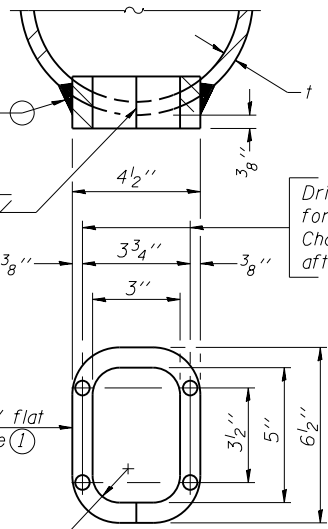


**SECTION B-B**



**SIDE ELEVATION**

**HANDHOLE COVERS**



**DETAIL D**

Provide 6 1/2" x 4 1/2" cover.  
Provide 4-5/16" φ holes in cover for  
1/4"-20 round head hot dip galvanized or  
stainless steel machine screws.  
(See cover details)

**END ELEVATION**

Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.

Load combinations checked include deadload plus:  
a) 100% wind normal to sign, 20% parallel to sign  
b) 60% wind normal to sign, 30% parallel to sign

- ① In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 μin or less.
- ② Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- ③ Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.
- ④ See General Notes for fasteners.
- ⑤ Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- ⑥ "H" based on 15'-0" or actual sign height, whichever is greater.

**8" φ PIPE TRUSS SUPPORT FRAME**

\*\* One butt welded joint is allowed only on one post per support frame. If used, weld procedure must be pre-approved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

Structure Number	Station	Support		H ⑥	A
		Left	Right		
ISO16S171L000.0-004	114+60.00	X		26'-0"	19'-5"
ISO16S171L000.0-004	114+60.00		X	25'-9"	19'-2"
ISO16S171L000.0-005	57+03.33	X		25'-5 1/2"	18'-10 1/2"
ISO16S171L000.0-005	57+03.33		X	26'-7 1/2"	20'-0 1/2"

OS-A-4

6-1-12

**LE** LIN ENGINEERING, LTD.  
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Springfield, Illinois

USER NAME =  
FILE NAME =  
PLOT SCALE =  
PLOT DATE = 6/23/2014

DESIGNED - JJA  
CHECKED - TBP  
DRAWN - RPW  
CHECKED - TBP

REVISED -  
REVISED -  
REVISED -  
REVISED -

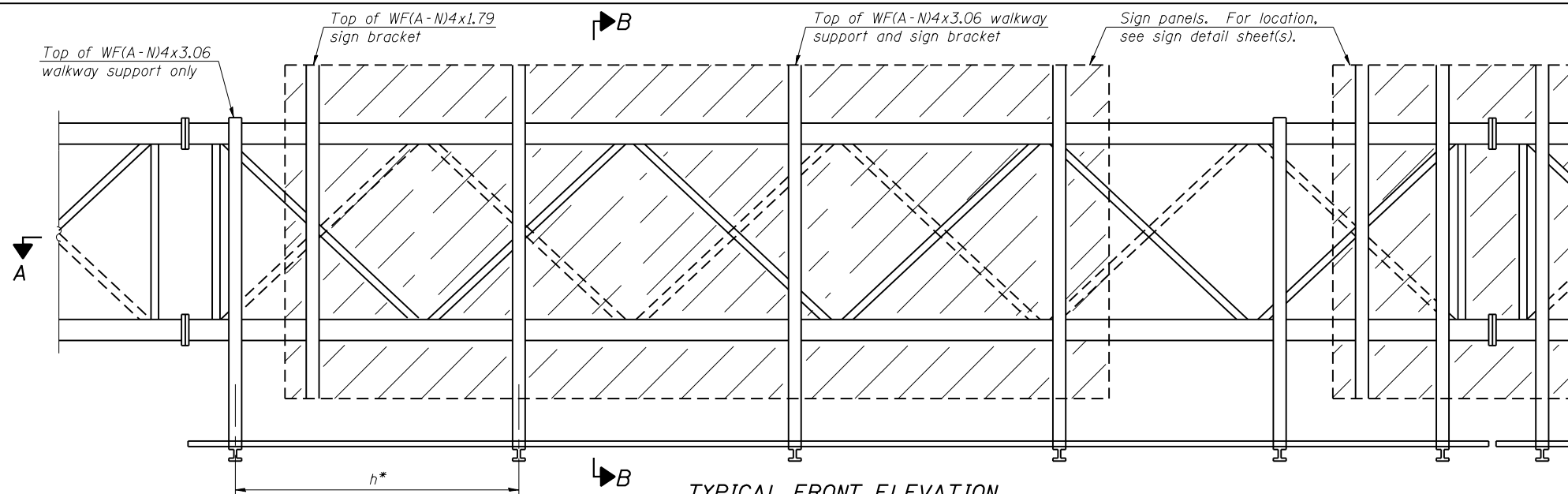
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES  
SUPPORT FRAME FOR TYPE I-A ALUMINUM TRUSS**

SHEET NO. 5 OF 10 SHEETS

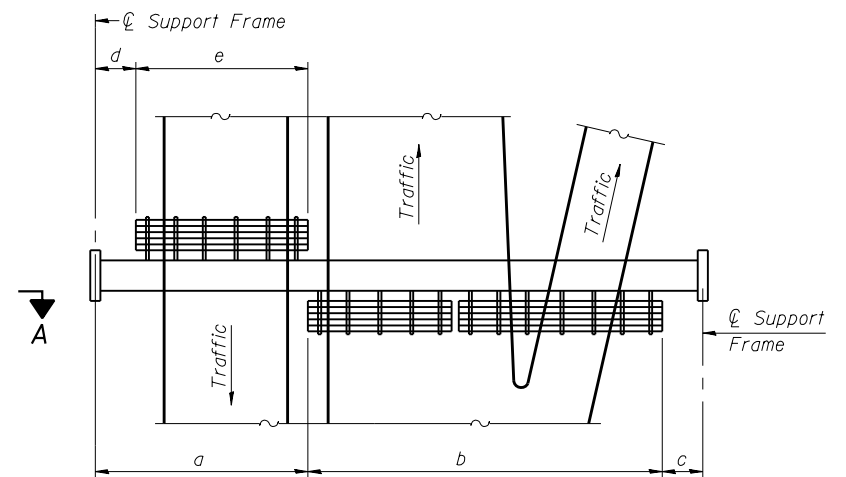
F.A.P. RTE. = 372/373  
SECTION = 2013-038B-R  
COUNTY = COOK  
TOTAL SHEETS = 821  
SHEET NO. = 187  
CONTRACT NO. 60J16  
ILLINOIS FED. AID PROJECT





**TYPICAL FRONT ELEVATION**

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



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

**BRACKET TABLE**

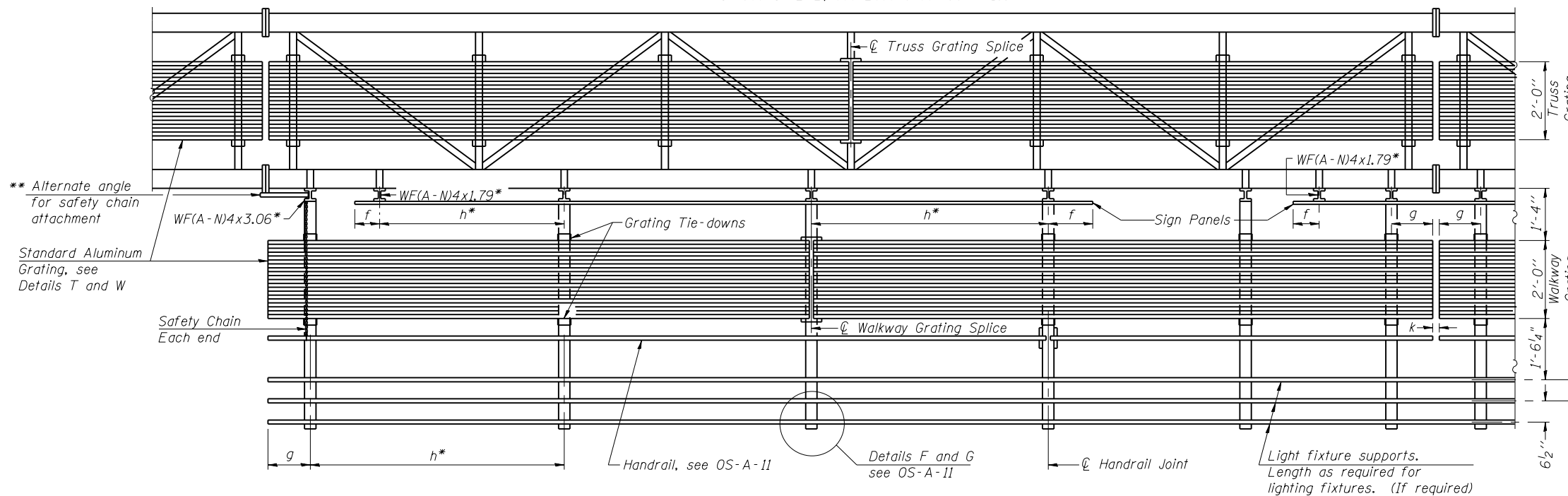
WF(A-N)4x1.79 or WF(A-N)4x3.06 ASTM B308, Alloy 6061-T6		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

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

- \*\* If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11.

For Details T and W, Section B-B and Grating Splice Details see Base Sheet OS-A-10.

For Handrail Details see Base Sheet OS-A-11.



**SECTION A-A**

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

WALKWAY GRATING, WALKWAY SUPPORTS, HANDRAIL AND LIGHTING ARE NOT INCLUDED IN THIS CONTRACT. INFORMATION SHOWN ON THIS SHEET SHALL BE USED FOR TRUSS GRATING AND SIGN BRACKETS ONLY.

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths

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

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

OS-A-9

6-1-12

**E** LIN ENGINEERING, LTD.  
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Springfield, Illinois

USER NAME =  
FILE NAME =  
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DESIGNED - JJA  
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CHECKED - TBP

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REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES  
ALUMINUM WALKWAY DETAILS

SHEET NO. 7 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	189
CONTRACT NO. 60J16				

ILLINOIS FED. AID PROJECT



**BAR LIST - EACH FOUNDATION**

Bar	Number	Size	Length	Shape
v4(E)	16	#9	F less 5"	—
#4 bar spiral (E) - see Side Elevation				

**NOTES:**

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

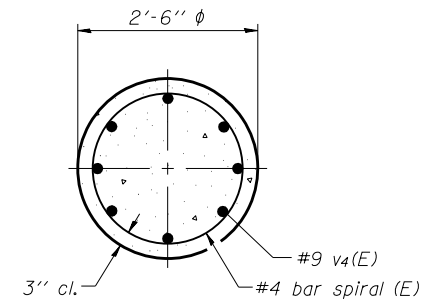
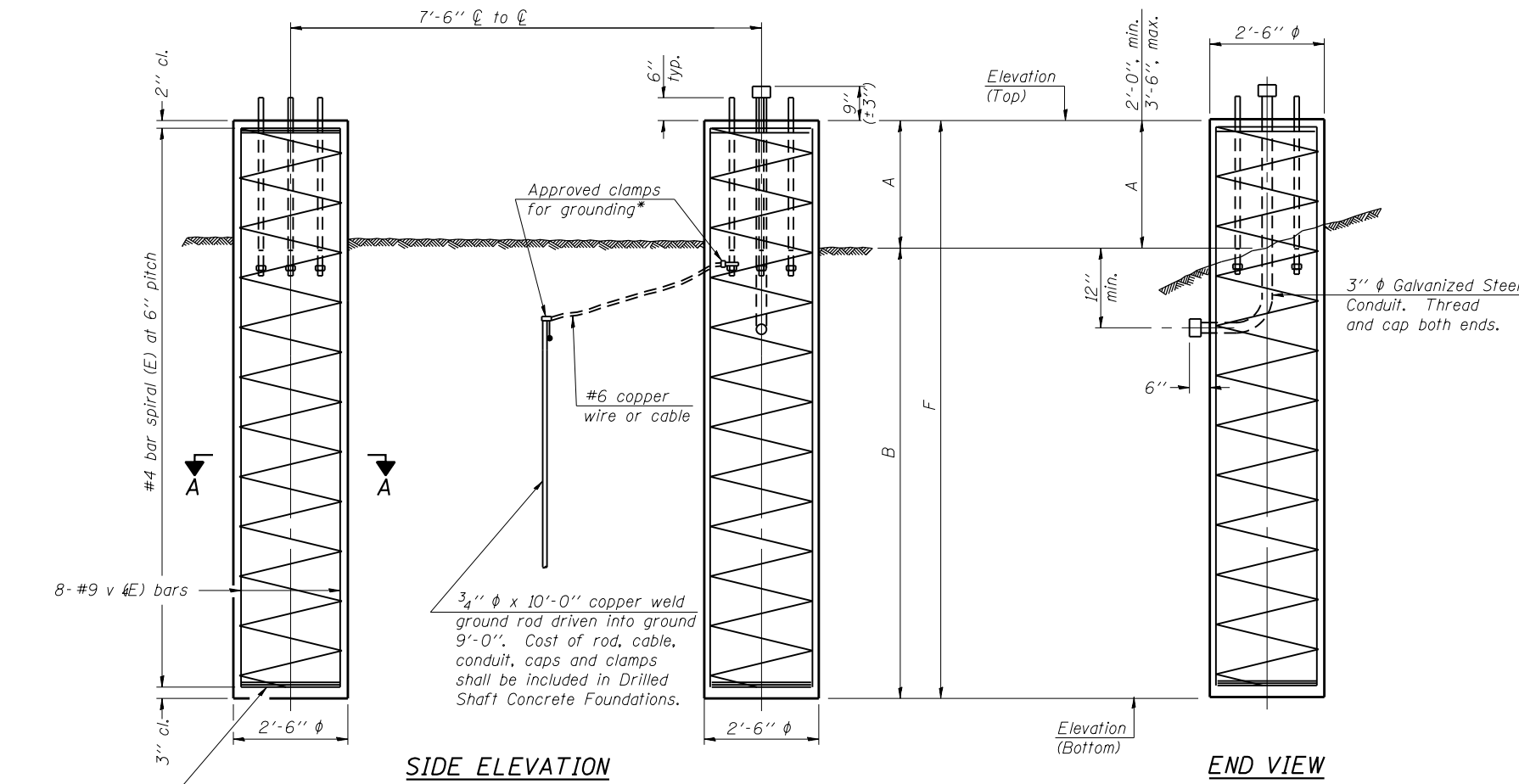
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

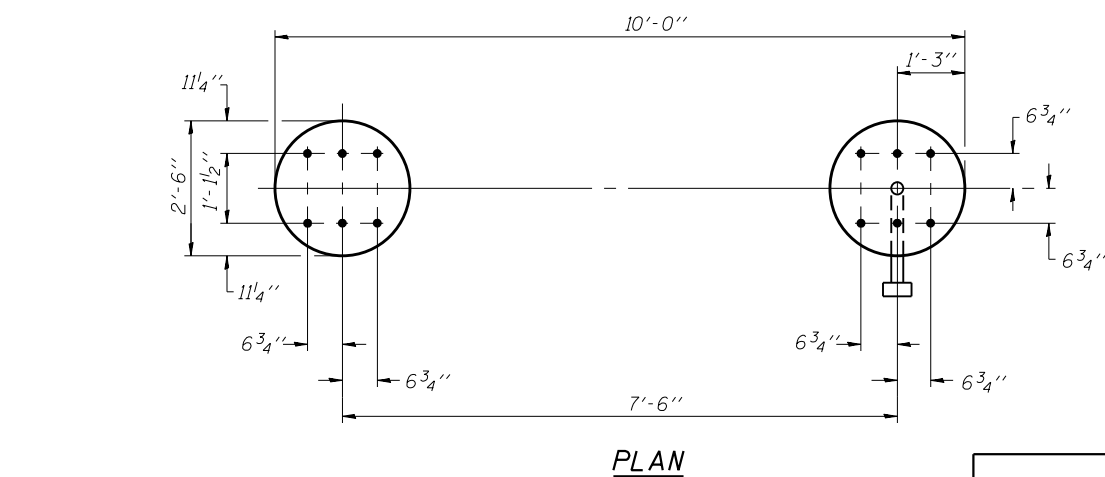
Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.



**SECTION A-A**



**PLAN**

For anchor rod size and placement, see Support Frame Detail Sheet.

\* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

**DETAILS FOR 8" Ø SUPPORT FRAME  
TYPE I-A TRUSS**

Structure Number	Station	Left Foundation					Right Foundation					Class DS Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	A	B	F	Elevation Top	Elevation Bottom	A	B	F	
ISO16S171L000.0-004	114+60.00	621.26	603.76	3.00'	14.50'	17.50'	621.50	604.00	3.00'	14.50'	17.50'	12.7

OS4-F2

6-1-12

**LIN ENGINEERING, LTD.**  
Consulting Engineers  
Springfield, Illinois

USER NAME =	DESIGNED - JJA	REVISED -
FILE NAME =	CHECKED - TBP	REVISED -
PLOT SCALE =	DRAWN - RPW	REVISED -
PLOT DATE = 6/23/2014	CHECKED - TBP	REVISED -

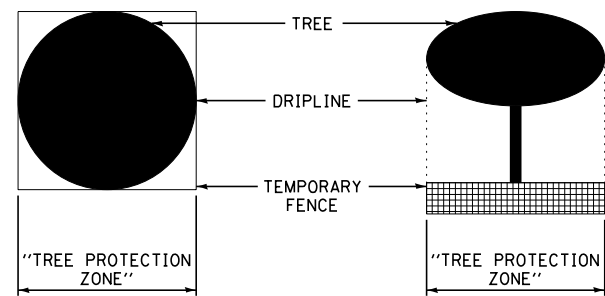
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES  
DRILLED SHAFT DETAILS**

SHEET NO. 9 OF 10 SHEETS

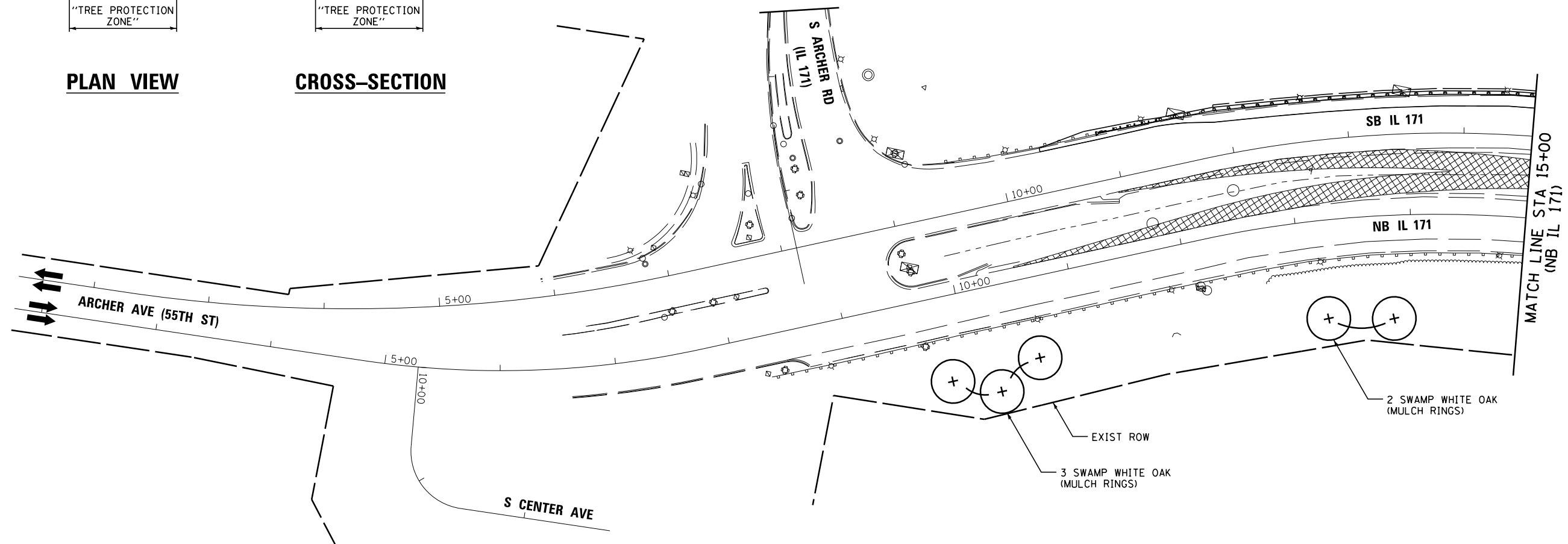
F.A.P. RTE. = 372/373	SECTION = 2013-038B-R	COUNTY = COOK	TOTAL SHEETS = 821	SHEET NO. = 191
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				





**PLAN VIEW**

**CROSS-SECTION**



**NOTES:**

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED) AND 4B SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SHOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
2. THE ENGINEER WILL CONTACT ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171, AT LEAST 7 DAYS PRIOR TO PLANTING FOR APPROVAL OF LAYOUT OF THE TREES AND PLUGS.

**LEGEND:**

- WETLAND
- 4" TOPSOIL, SEEDING, CLASS 2A
- 6" TOPSOIL, SEEDING, CLASS 4, (MODIFIED) EROSION CONTROL BLANKET
- 6" TOPSOIL, SEEDING, CLASS 4B, EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT
- TREE

FILE NAME =	DESIGNED - AAA	REVISED -
...\\D160J16-sht-IL171-1s-SB-01.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - WS	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -

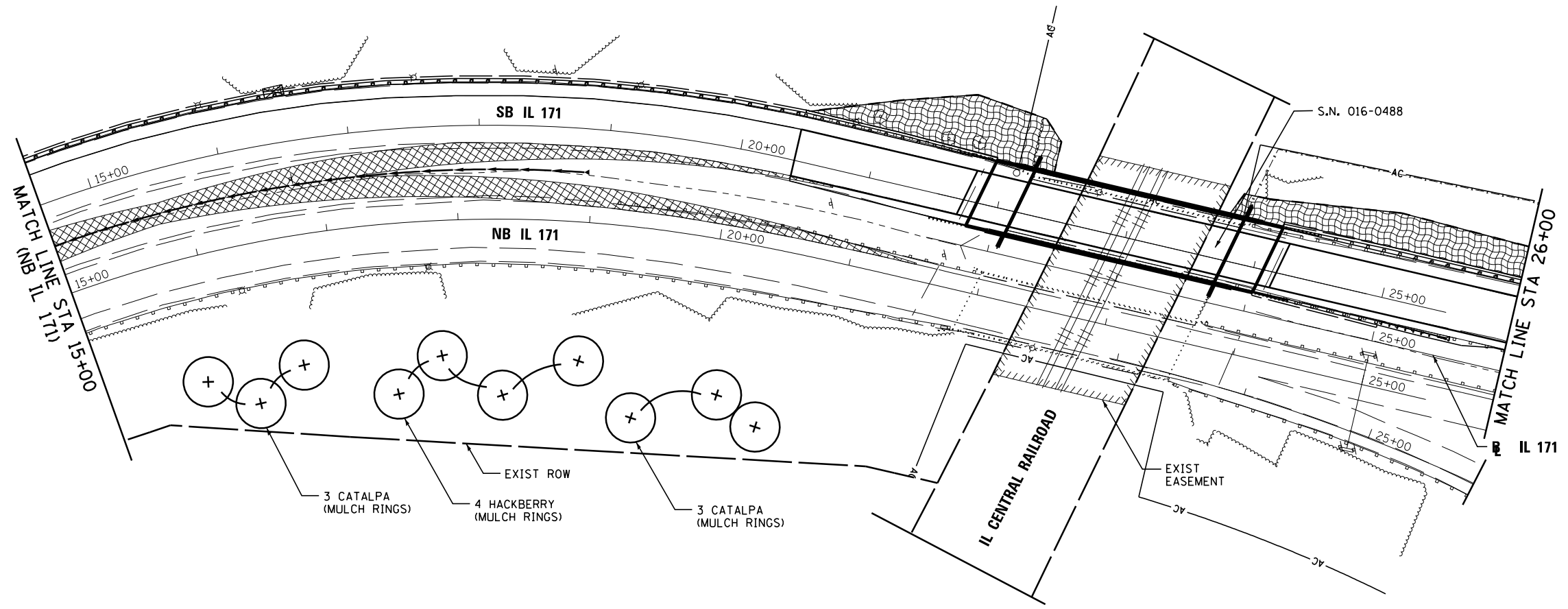


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLANS  
IL 171

SCALE: 1"=50' SHEET 1 OF 7 SHEETS STA. 10+36.43 TO STA. 15+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	193
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	



**NOTES:**

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED) AND 4B SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SHOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
2. THE ENGINEER WILL CONTACT ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171, AT LEAST 7 DAYS PRIOR TO PLANTING FOR APPROVAL OF LAYOUT OF THE TREES AND PLUGS.

**LEGEND:**

- WETLAND
- 4" TOPSOIL, SEEDING, CLASS 2A
- 6" TOPSOIL, SEEDING, CLASS 4, (MODIFIED) EROSION CONTROL BLANKET
- 6" TOPSOIL, SEEDING, CLASS 4B, EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT
- TREE

FILE NAME =	DESIGNED - AAA	REVISED -
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USER NAME = tblank	CHECKED - WS	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -



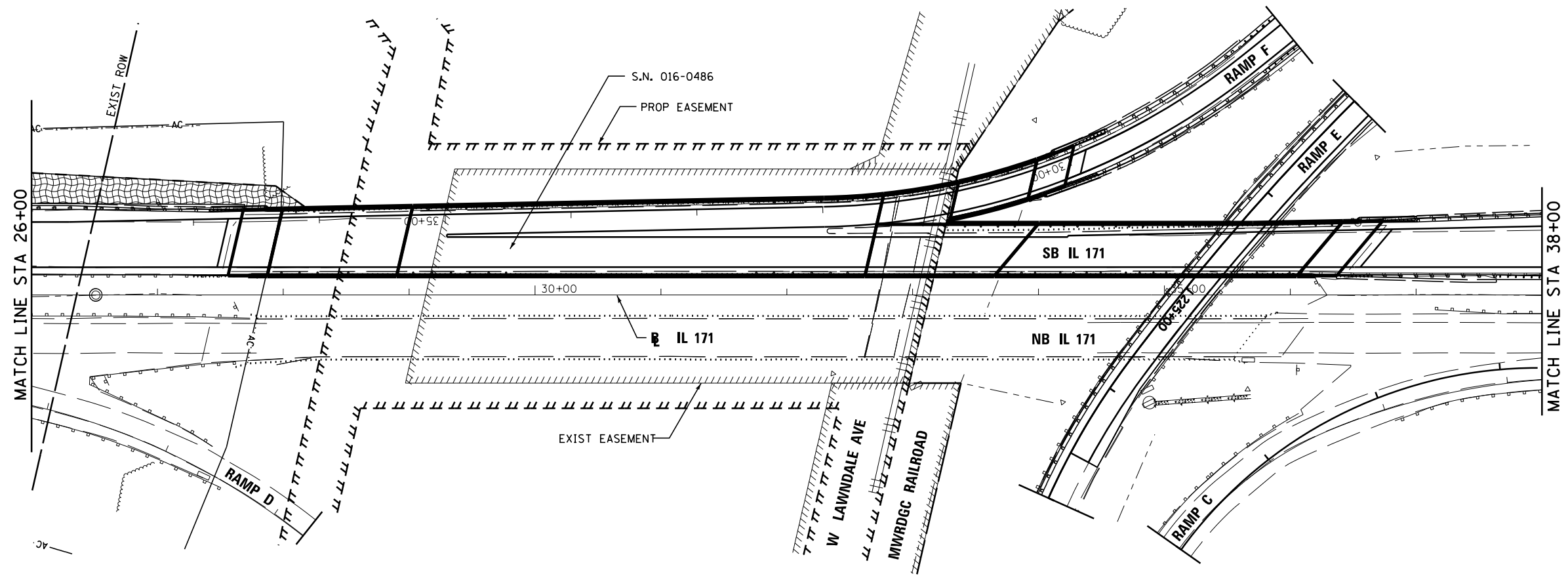
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLANS  
IL 171

SCALE: 1"=50' SHEET 2 OF 7 SHEETS STA. 15+00.00 TO STA. 26+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	194
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	





**NOTES:**

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED) AND 4B SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SHOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
2. THE ENGINEER WILL CONTACT ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171, AT LEAST 7 DAYS PRIOR TO PLANTING FOR APPROVAL OF LAYOUT OF THE TREES AND PLUGS.

**LEGEND:**

- WETLAND
- 4" TOPSOIL, SEEDING, CLASS 2A
- 6" TOPSOIL, SEEDING, CLASS 4, (MODIFIED) EROSION CONTROL BLANKET
- 6" TOPSOIL, SEEDING, CLASS 4B, EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT
- TREE

FILE NAME =	DESIGNED - AAA	REVISED -
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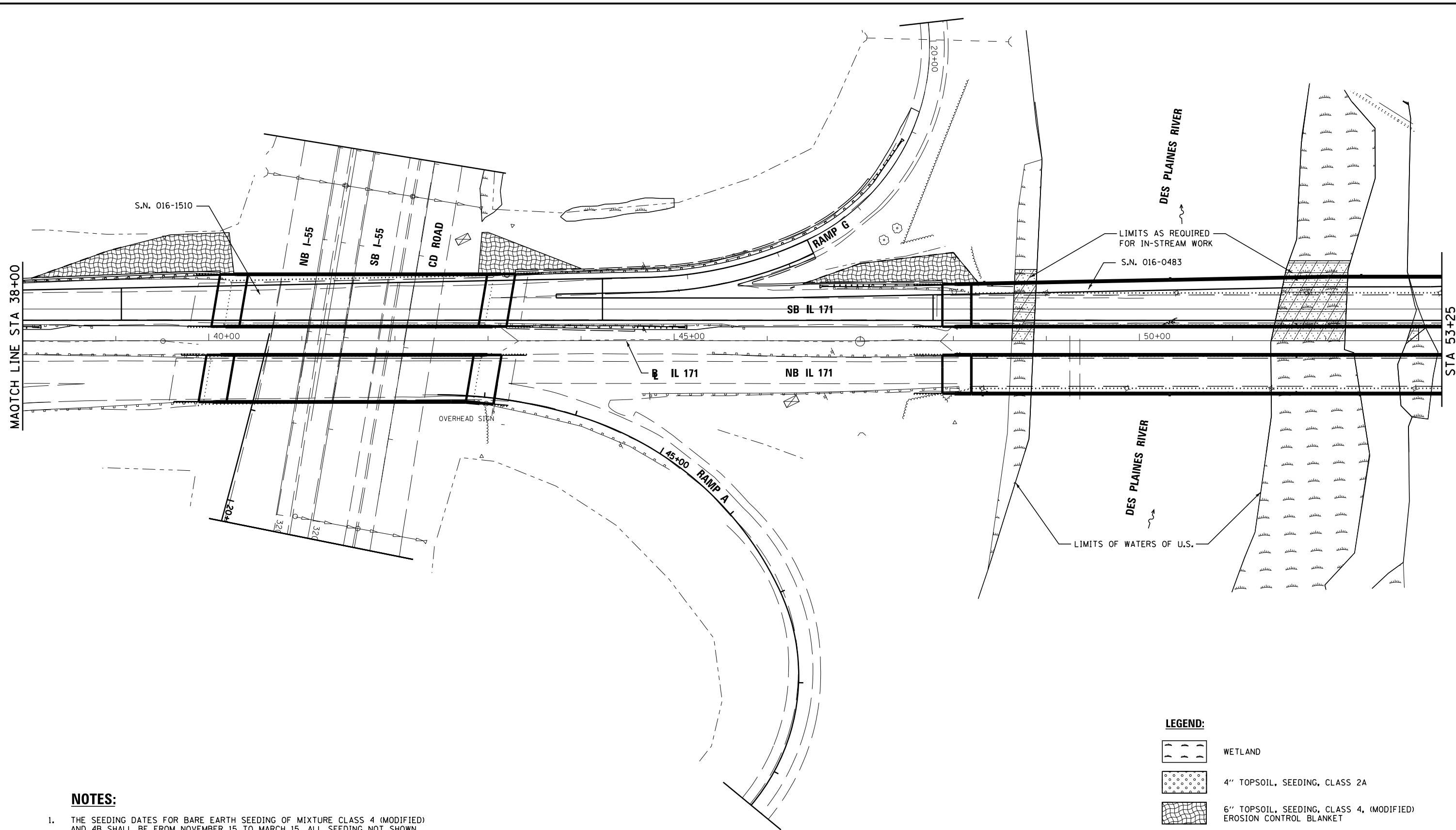


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLANS  
IL 171

SCALE: 1"=50' SHEET 3 OF 7 SHEETS STA. 26+00.00 TO STA. 38+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	195
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	




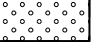
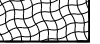



MAATCH LINE STA 38+00

STA 53+25

**NOTES:**

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED) AND 4B SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SHOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
2. THE ENGINEER WILL CONTACT ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171, AT LEAST 7 DAYS PRIOR TO PLANTING FOR APPROVAL OF LAYOUT OF THE TREES AND PLUGS.

**LEGEND:**

-  WETLAND
-  4" TOPSOIL, SEEDING, CLASS 2A
-  6" TOPSOIL, SEEDING, CLASS 4, (MODIFIED) EROSION CONTROL BLANKET
-  6" TOPSOIL, SEEDING, CLASS 4B, EROSION CONTROL BLANKET
-  TEMPORARY PAVEMENT
-  TREE

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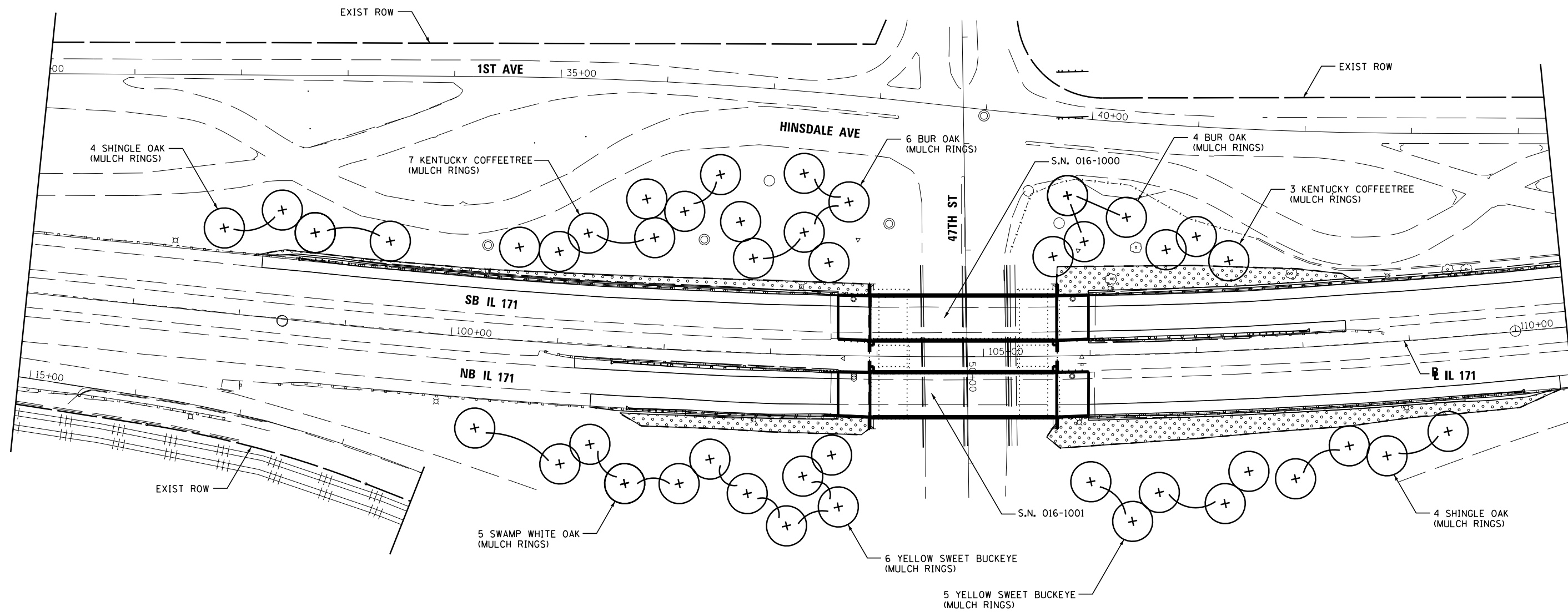
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLANS  
IL 171

SCALE: 1"=50' SHEET 4 OF 7 SHEETS STA. 38+00.00 TO STA. 53+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	196
				CONTRACT NO. 60J16







ILLINOIS FED. AID PROJECT



**NOTES:**

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED) AND 4B SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SHOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
2. THE ENGINEER WILL CONTACT ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171, AT LEAST 7 DAYS PRIOR TO PLANTING FOR APPROVAL OF LAYOUT OF THE TREES AND PLUGS.

**LEGEND:**

-  WETLAND
-  4" TOPSOIL, SEEDING, CLASS 2A
-  6" TOPSOIL, SEEDING, CLASS 4, (MODIFIED) EROSION CONTROL BLANKET
-  6" TOPSOIL, SEEDING, CLASS 4B, EROSION CONTROL BLANKET
-  TEMPORARY PAVEMENT
-  TREE

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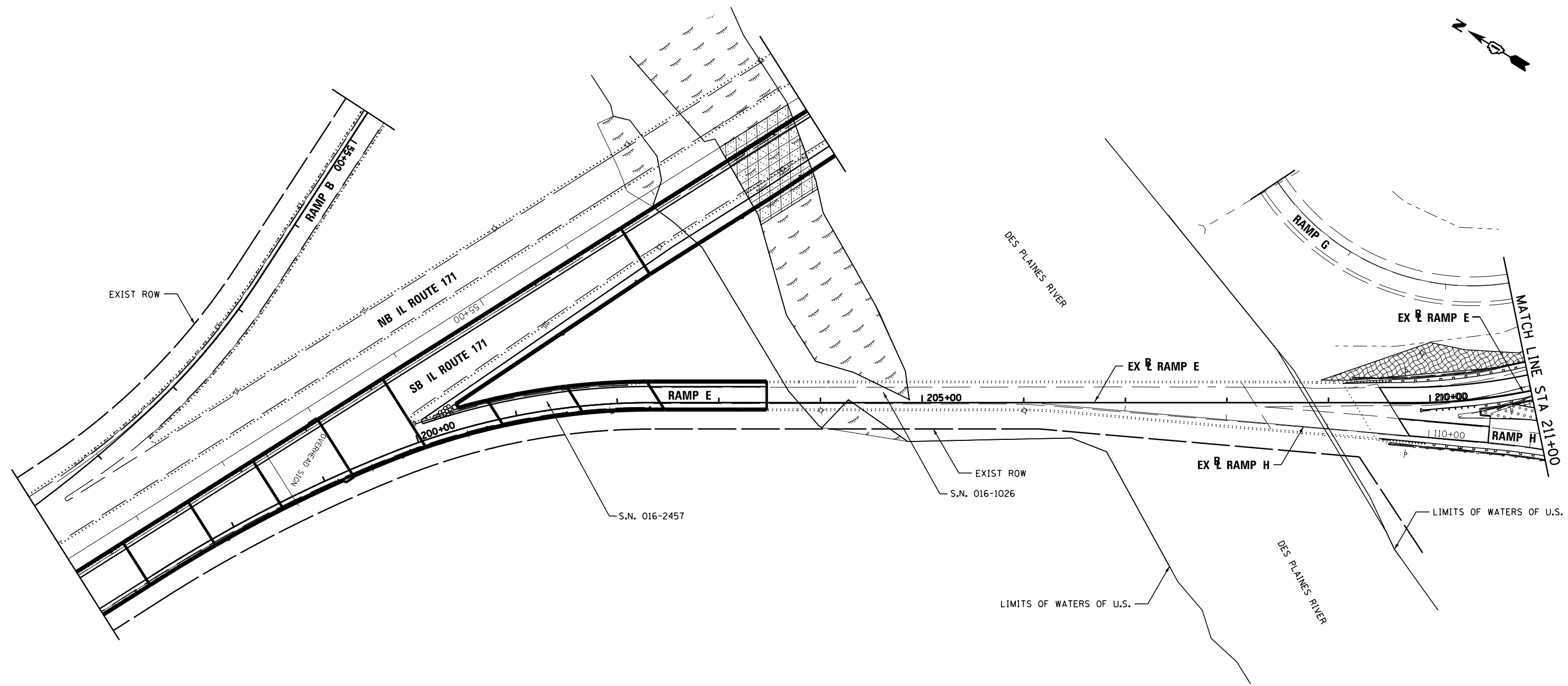
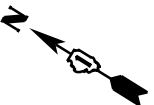


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLANS  
IL 171

SCALE: 1"=50' SHEET 5 OF 7 SHEETS STA. 96+00.00 TO STA. 110+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	197
				CONTRACT NO. 60J16
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED) AND 4B SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SHOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
2. THE ENGINEER WILL CONTACT ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171, AT LEAST 7 DAYS PRIOR TO PLANTING FOR APPROVAL OF LAYOUT OF THE TREES AND PLUGS.

**LEGEND:**

- WETLAND
- 4" TOPSOIL, SEEDING, CLASS 2A
- 6" TOPSOIL, SEEDING, CLASS 4, (MODIFIED) EROSION CONTROL BLANKET
- 6" TOPSOIL, SEEDING, CLASS 4B, EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT
- TREE

FILE NAME =	DESIGNED - AAA	REVISED -
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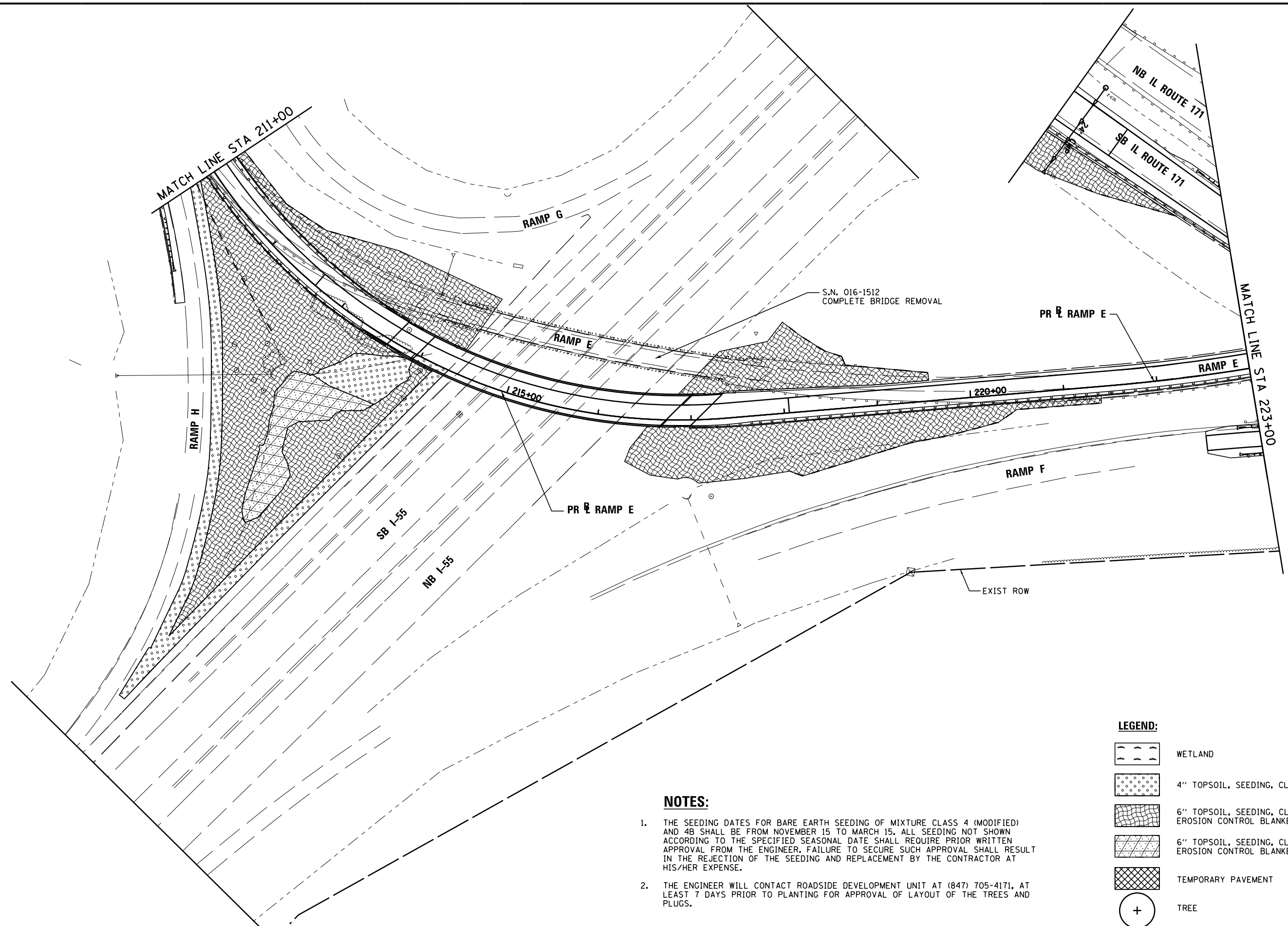


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION







LANDSCAPING PLANS  
RAMP E

SCALE: 1"=50' SHEET 6 OF 7 SHEETS STA. 209+59.86 TO STA. 211+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	198
				CONTRACT NO. 60J16
ILLINOIS FED. AID PROJECT				



**LEGEND:**

-  WETLAND
-  4" TOPSOIL, SEEDING, CLASS 2A
-  6" TOPSOIL, SEEDING, CLASS 4, (MODIFIED) EROSION CONTROL BLANKET
-  6" TOPSOIL, SEEDING, CLASS 4B, EROSION CONTROL BLANKET
-  TEMPORARY PAVEMENT
-  TREE

**NOTES:**

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED) AND 4B SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SHOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLANS  
RAMP E

SCALE: 1"=50' SHEET 7 OF 7 SHEETS STA. 211+00.00 TO STA.223+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	199
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

