

WORK ZONE
 W21-1115(O)-3618
 SPEED LIMIT
45
 PHOTO ENFORCED
 R10-1108P-3618
 \$XXX FINE MINIMUM
 R2-1106P-3618

EXITS 51 F-G
EAST Jackson Blvd Adams St
WEST Jackson Blvd Adams St
RIGHT LANE EXIT ONLY

EXIT 51E
Monroe St
500 FEET

EXITS 51 F-G
EAST Jackson Blvd Adams St
300 s
WEST Jackson Blvd Adams St
200 s

SHOULDER CLOSED AHEAD

3 LEFT LANES
 W1-1aL-48

MATCH LINE STA 33+00 NB I-90/94
 SEE SHEET 100

MATCH LINE STA 45+00 NB I-90/94
 SEE SHEET 102

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS

NOTES:
 1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX # I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.

**** FROM CONTRACT 60X99 TO REMAIN

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D160X75-Sht-STAGING-11.dgn
 USER NAME = vjjanachione
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 5/10/2017

DESIGNED - MKW
 DRAWN - BAW
 CHECKED - JLV
 DATE - 5/10/2017

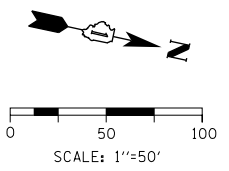
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL
 I-90/94 STAGE 1C**

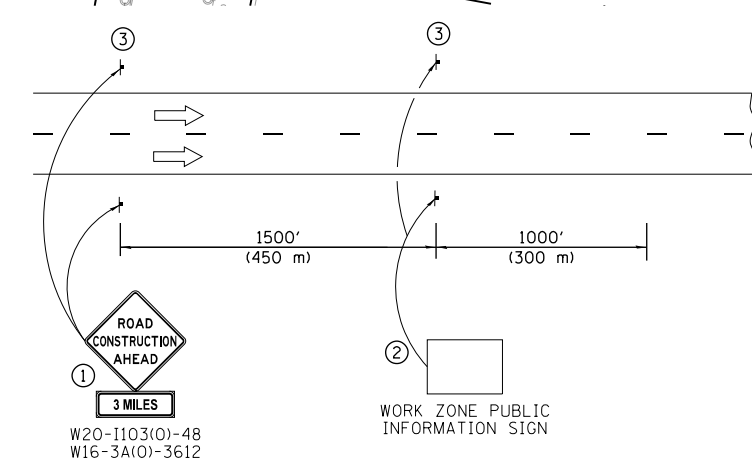
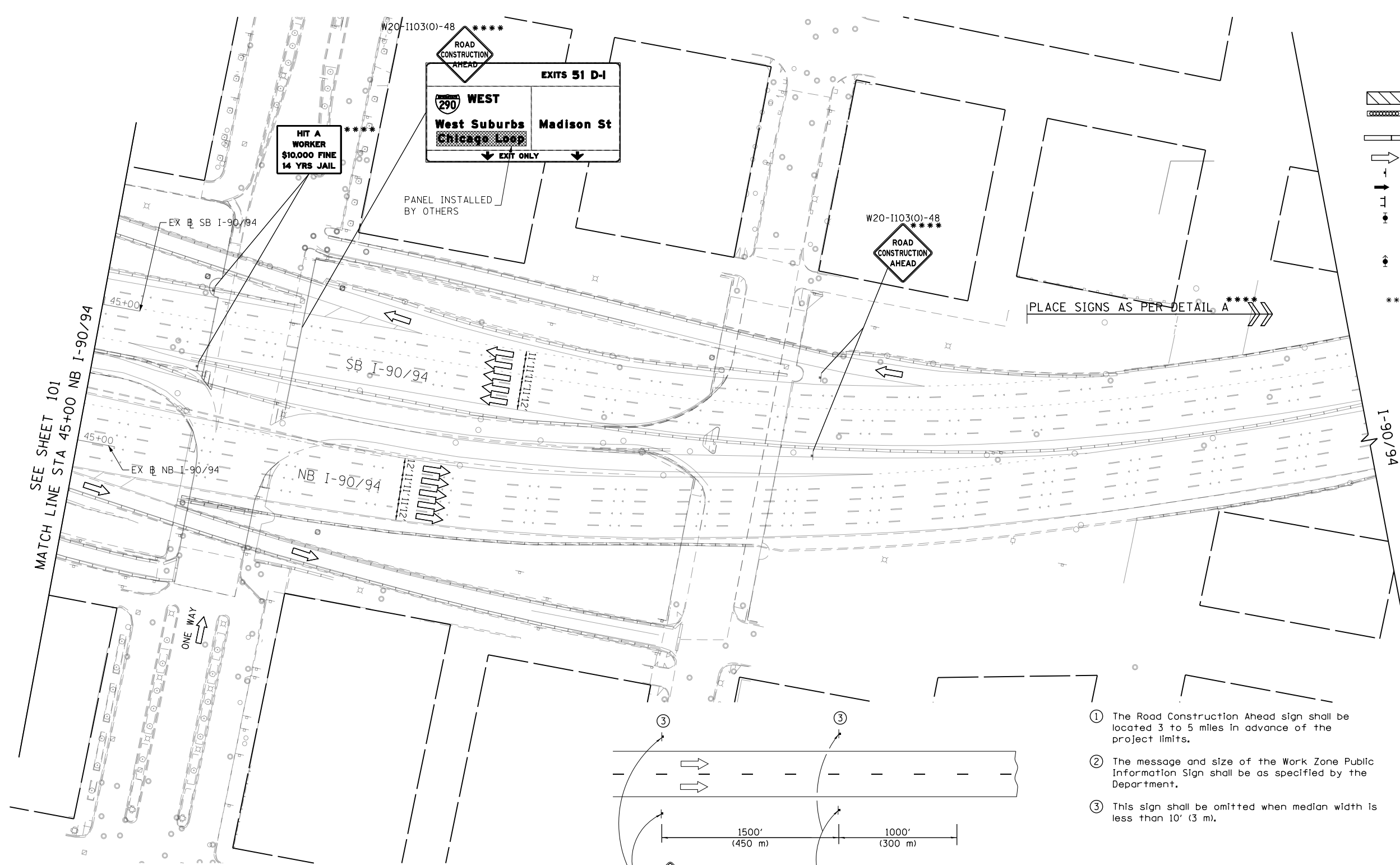
SCALE: 1"=50' SHEET 11 OF 12 SHEETS STA. 33+00 TO STA. 45+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	101
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
@ 50' C-C (TYP) ON TAPERS AND RAMP
@ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
@ 50' C-C (TYP) ON TAPERS AND RAMP
- **** FROM CONTRACT 60X99 TO REMAIN



- ① The Road Construction Ahead sign shall be located 3 to 5 miles in advance of the project limits.
- ② The message and size of the Work Zone Public Information Sign shall be as specified by the Department.
- ③ This sign shall be omitted when median width is less than 10' (3 m).

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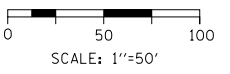
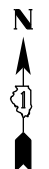
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PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL
I-9094 STAGE 1C**

SCALE: 1"=50' SHEET 12 OF 12 SHEETS STA. 45+00 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	102
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

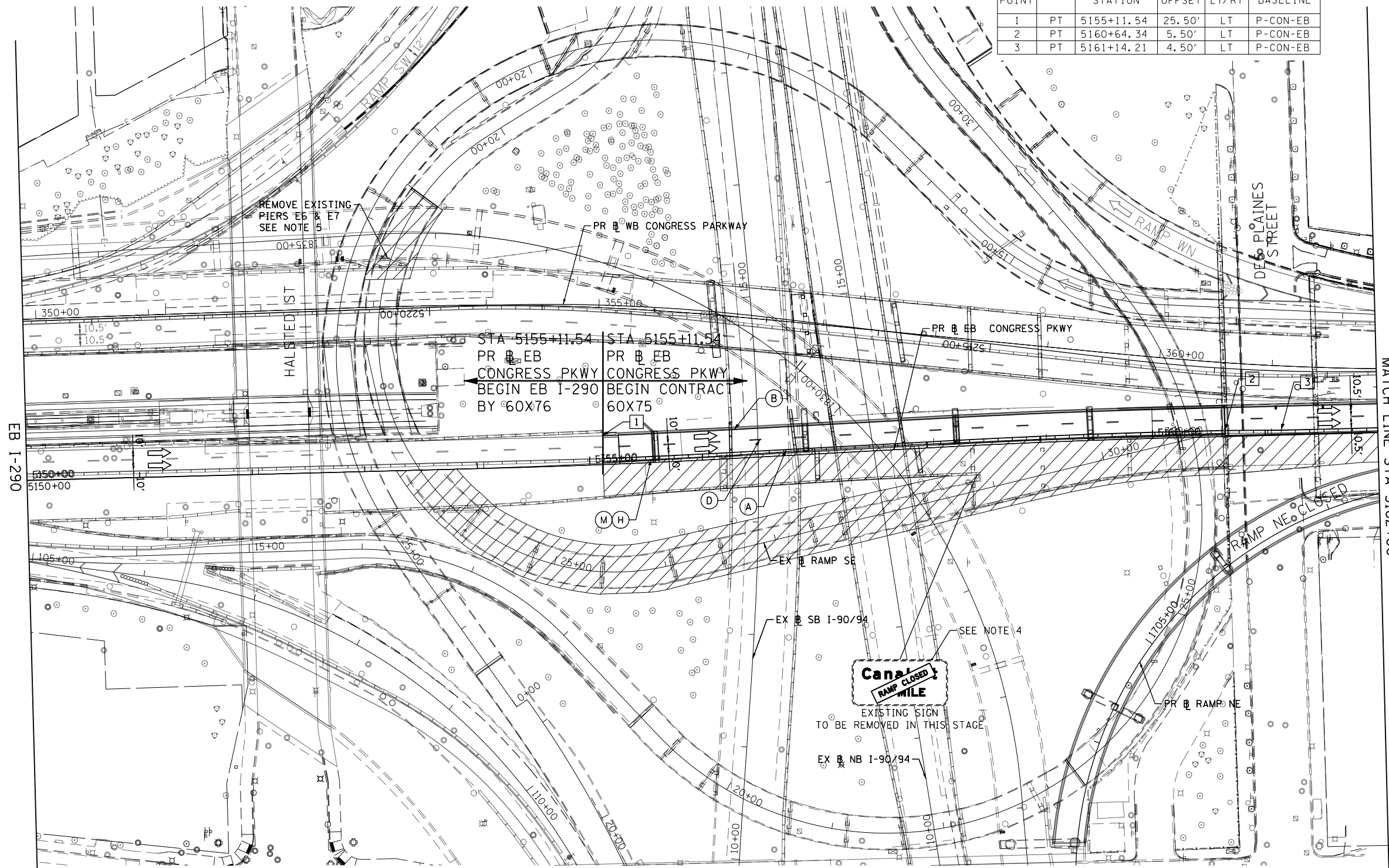
POINT		STATION	OFFSET	LT/RT	BASELINE
1	PT	5155+11.54	25.50'	LT	P-CON-EB
2	PT	5160+64.34	5.50'	LT	P-CON-EB
3	PT	5161+14.21	4.50'	LT	P-CON-EB

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
- @ 50' C-C (TYP) ON TAPERS AND RAMPS
- @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- @ 50' C-C (TYP) ON TAPERS AND RAMPS
- POINT LOCATION

PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEST LEVEL 2
- (M) PINNING TEMPORARY CONCRETE BARRIER



NOTES:

- CONTRACTOR COOPERATION AND COORDINATION NEEDED BETWEEN CONTRACTS 60X75 AND 60X76.
- STAGING WEST OF STA 5155+11.54 PR EB CONGRESS PARKWAY IS SHOWN FOR INFORMATION ONLY AND COULD VARY DURING THE DURATION OF THE CURRENT STAGE. SEE CONTRACT 60X76 PLANS FOR DETAILS.
- SEE STRUCTURAL SHEET 632 FOR RAMP SE REMOVAL INFORMATION.
- INSTALLED BLACK ON ORANGE "RAMP CLOSED" PANEL ON DIAGONAL ACROSS EXISTING SIGN. SEE DISTRICT DETAIL TC-08 FOR PANEL DETAILS.
- WB TRAFFIC SHALL UTILIZE THE CURRENT TRAFFIC CONTROL AND STAGING OF CONTRACT 60X77.

SEE SHEET 104
MATCH LINE STA 5162+00

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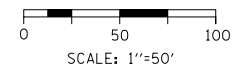


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PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
EASTBOUND I-290 STAGES 2A & 2B			
SCALE: 1"=50'	SHEET 1	OF 3 SHEETS	STA. 5150+00 TO STA. 5162+00

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	103
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

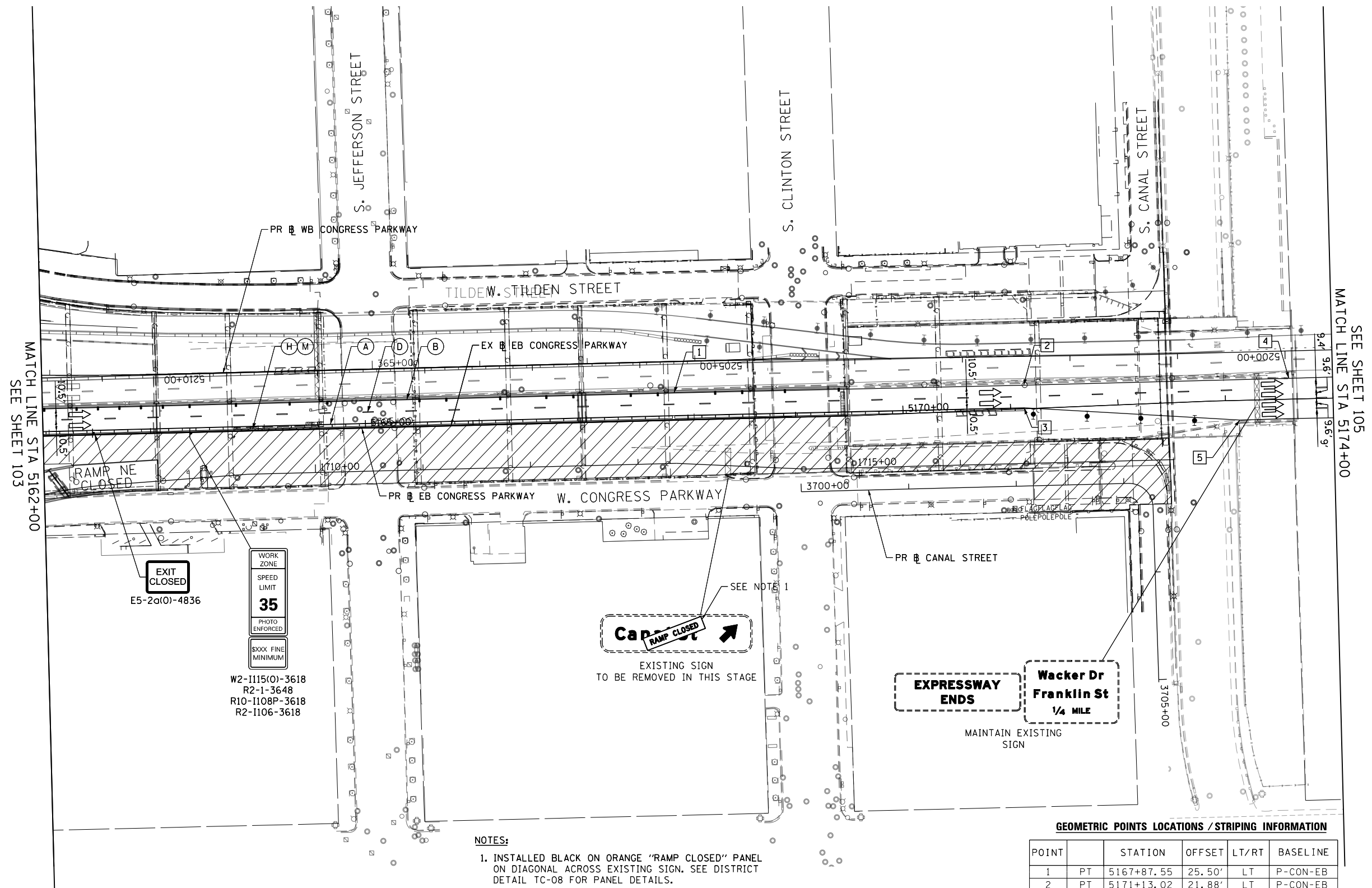


LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
- @ 50' C-C (TYP) ON TAPERS AND RAMP
- @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- @ 50' C-C (TYP) ON TAPERS AND RAMP
- # POINT LOCATION

PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEST LEVEL 2
- (M) PINNING TEMPORARY CONCRETE BARRIER



NOTES:
 1. INSTALLED BLACK ON ORANGE "RAMP CLOSED" PANEL ON DIAGONAL ACROSS EXISTING SIGN. SEE DISTRICT DETAIL TC-08 FOR PANEL DETAILS.

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PT	5167+87.55	25.50'	LT	P-CON-EB
2	PT	5171+13.02	21.88'	LT	P-CON-EB
3	PT	5171+12.62	0.88'	LT	P-CON-EB
4	PT	5173+59.34	19.35'	LT	P-CON-EB
5	PT	5173+12.79	18.34'	RT	P-CON-EB

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DESIGNED - VLJ
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 DATE - 5/10/2017

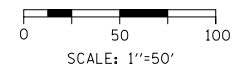
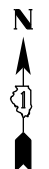
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 EASTBOUND I-290 STAGES 2A & 2B**

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 5162+00 TO STA. 5174+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	104
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

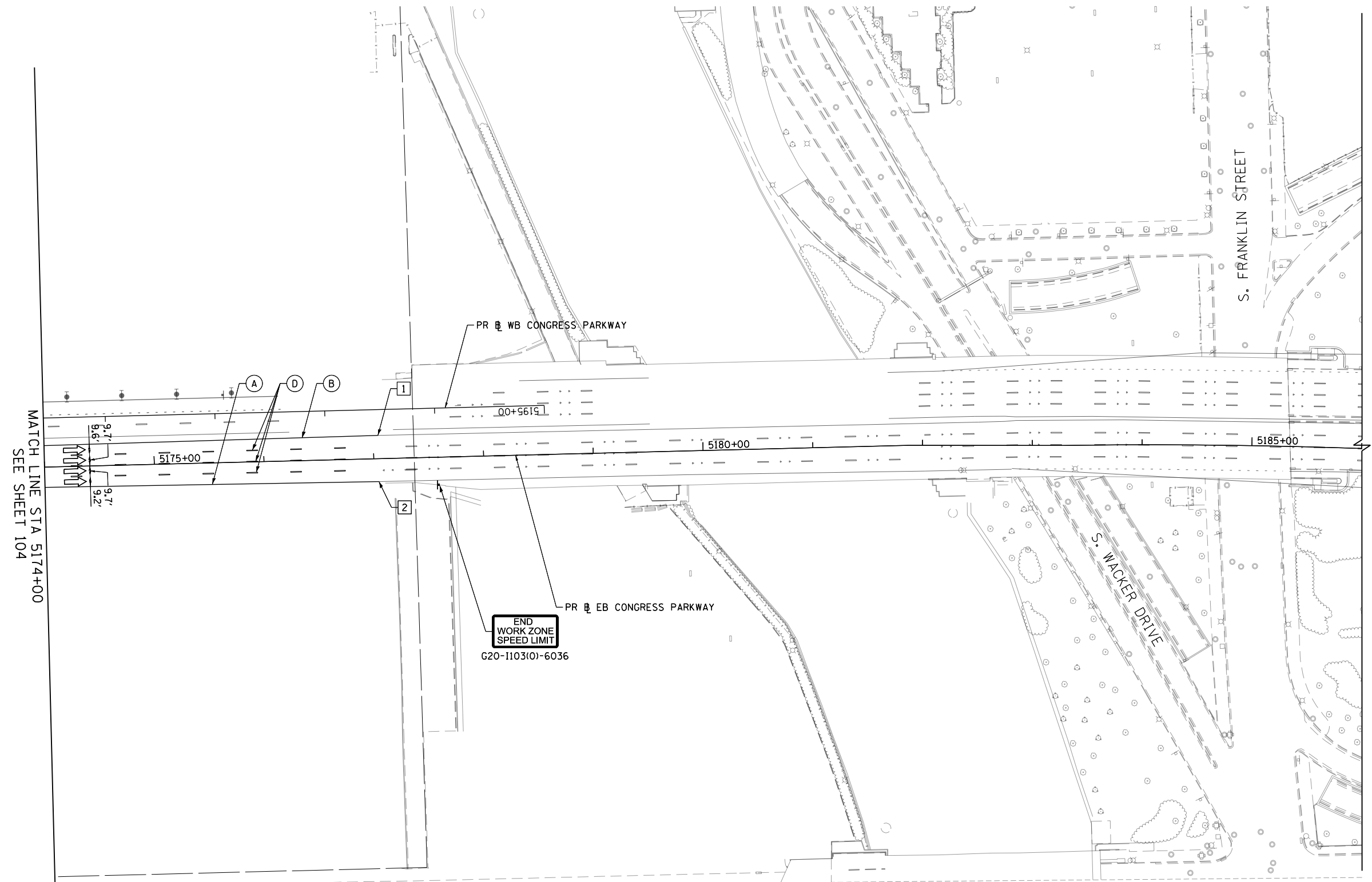


LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
- 50' C-C (TYP) ON TAPERS AND RAMP
- 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- 50' C-C (TYP) ON TAPERS AND RAMP
- POINT LOCATION

PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEST LEVEL 2
- (M) PINNING TEMPORARY CONCRETE BARRIER



MATCH LINE STA 5174+00 SEE SHEET 104

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PT	5177+04.31	21.21'	LT	P-CON-EB
2	PT	5177+04.18	20.79'	RT	P-CON-EB

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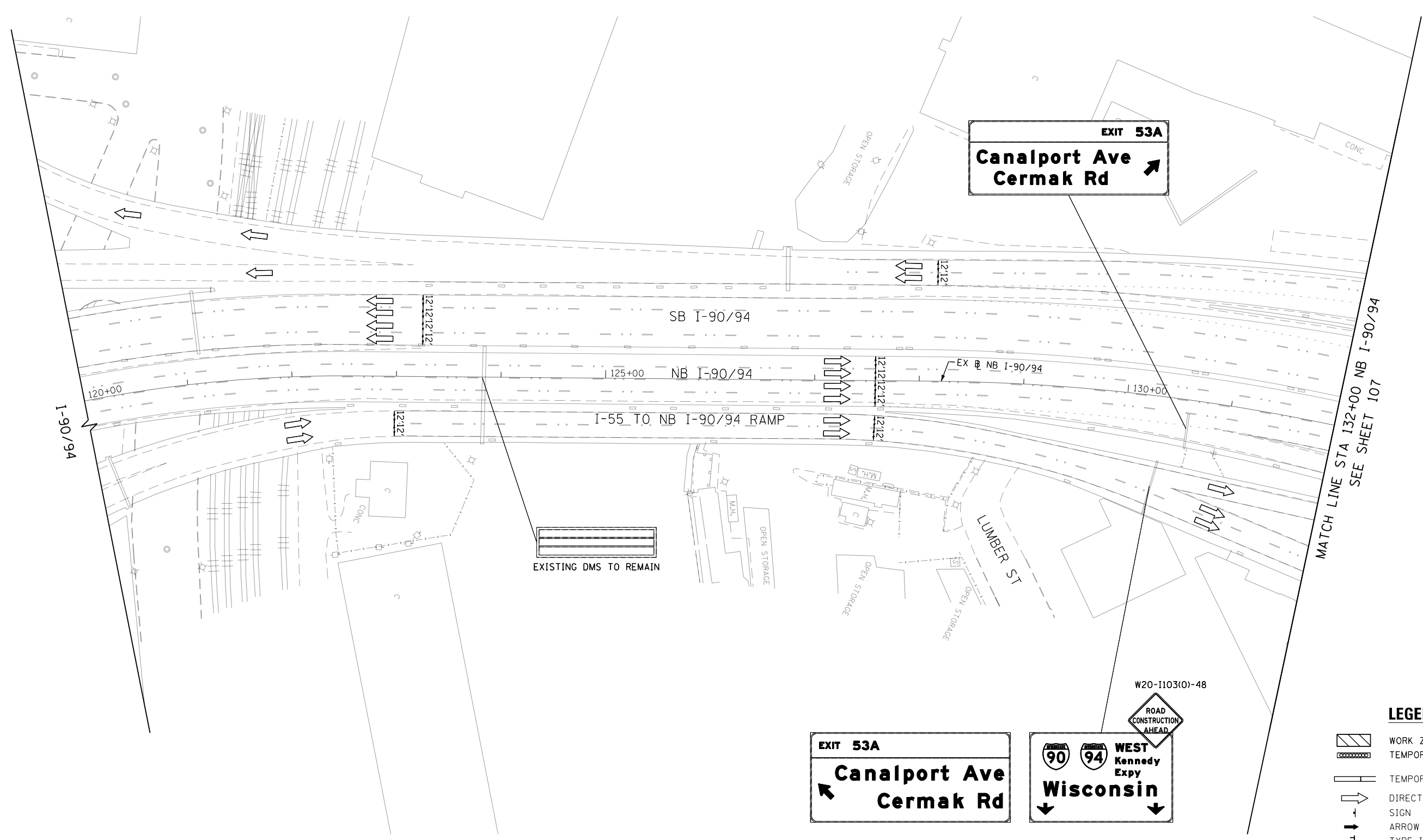
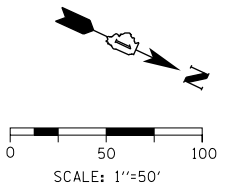
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 EASTBOUND I-290 STAGES 2A & 2B**

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 5174+00 TO STA. 5186+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	105
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 132+00 NB I-90/94
SEE SHEET 107

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
@ 50' C-C (TYP) ON TAPERS AND RAMPS
@ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
@ 50' C-C (TYP) ON TAPERS AND RAMPS

EXIT 53A

Canalport Ave

Cermak Rd

WEST
Kennedy
Expy

Wisconsin

W20-1103(O)-48

ROAD
CONSTRUCTION
AHEAD

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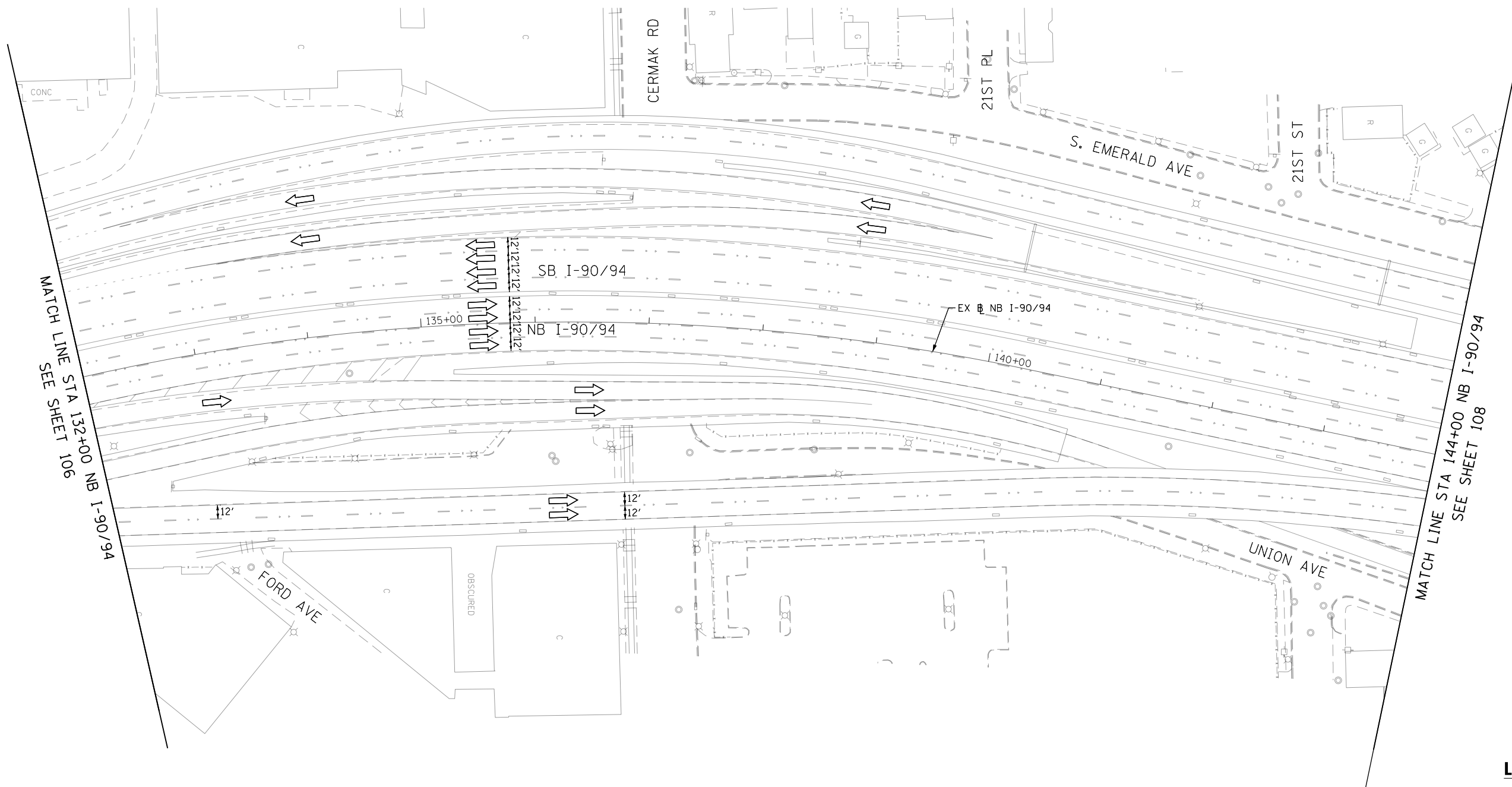
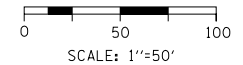
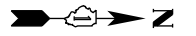
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











STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2A			
SCALE: 1"=50'	SHEET 1	OF 12 SHEETS	STA. 120+00 TO STA. 132+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	106
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



LEGEND

-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  ARROW BOARD
-  TYPE III BARRICADE
-  TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
-  @ 50' C-C (TYP) ON TAPERS AND RAMPS
-  @ 100' C-C (TYP) ON TANGENTS
-  DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  @ 50' C-C (TYP) ON TAPERS AND RAMPS

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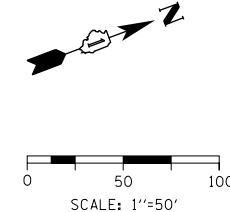
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








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

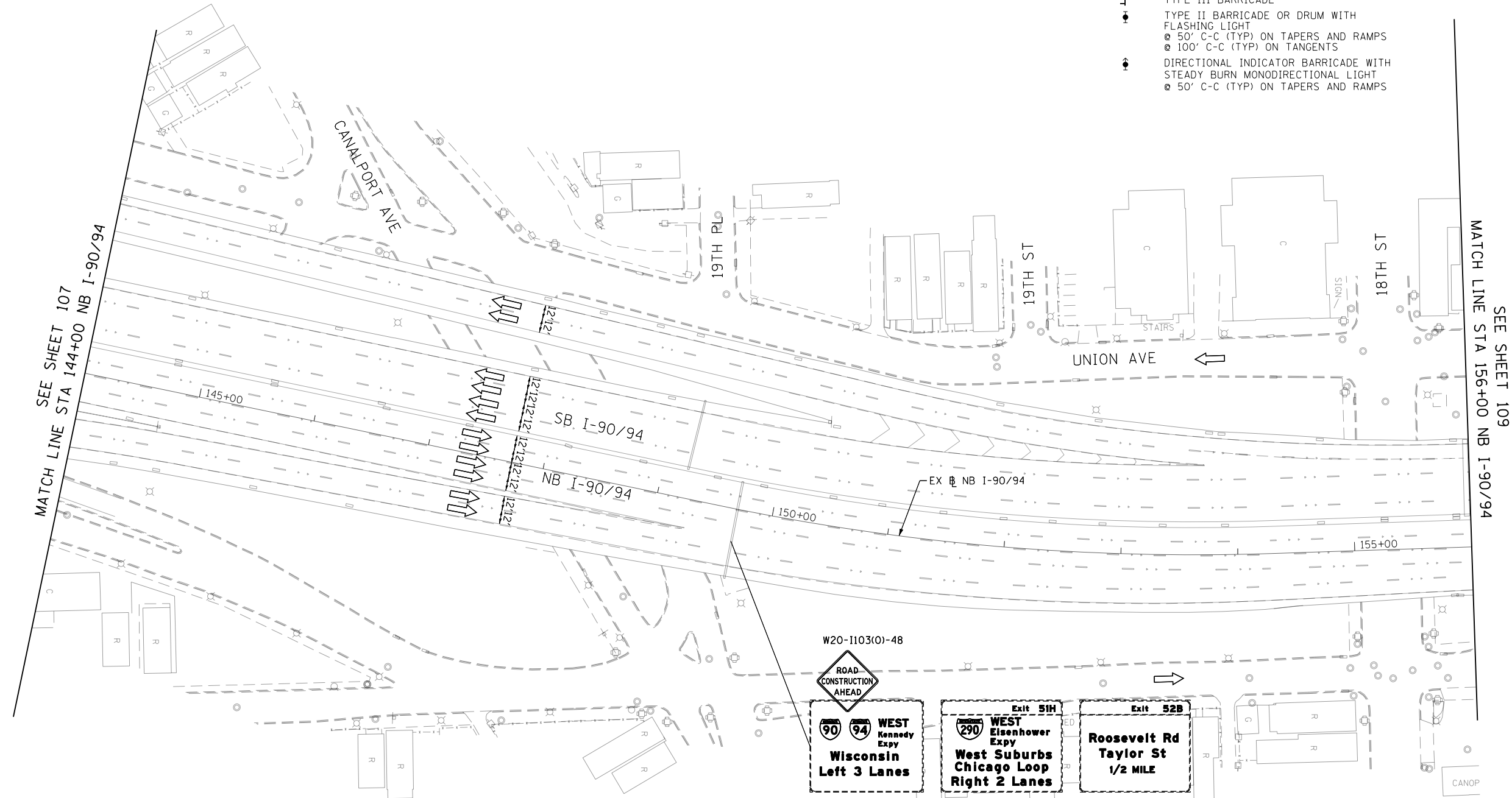
SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2A			
SCALE: 1"=50'	SHEET 2	OF 12 SHEETS	STA. 132+00 TO STA. 144+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	107
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



LEGEND

-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  ARROW BOARD
-  TYPE III BARRICADE
-  TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
 @ 50' C-C (TYP) ON TAPERS AND RAMPS
 @ 100' C-C (TYP) ON TANGENTS
-  DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 @ 50' C-C (TYP) ON TAPERS AND RAMPS



SEE SHEET 107
MATCH LINE STA 144+00 NB I-90/94

SEE SHEET 109
MATCH LINE STA 156+00 NB I-90/94

W20-1103(0)-48



WEST Kennedy Expy
Wisconsin
Left 3 Lanes

WEST Eisenhower Expy
West Suburbs
Chicago Loop
Right 2 Lanes

Roosevelt Rd
Taylor St
1/2 MILE

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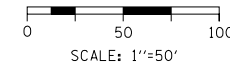
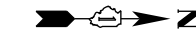


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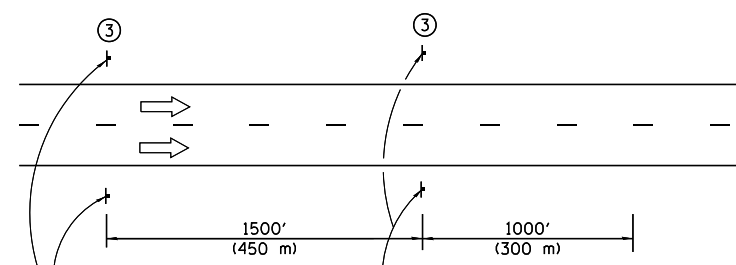
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2A			
SCALE: 1"=50'	SHEET 3	OF 12 SHEETS	STA. 144+00 TO STA. 156+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	108
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				

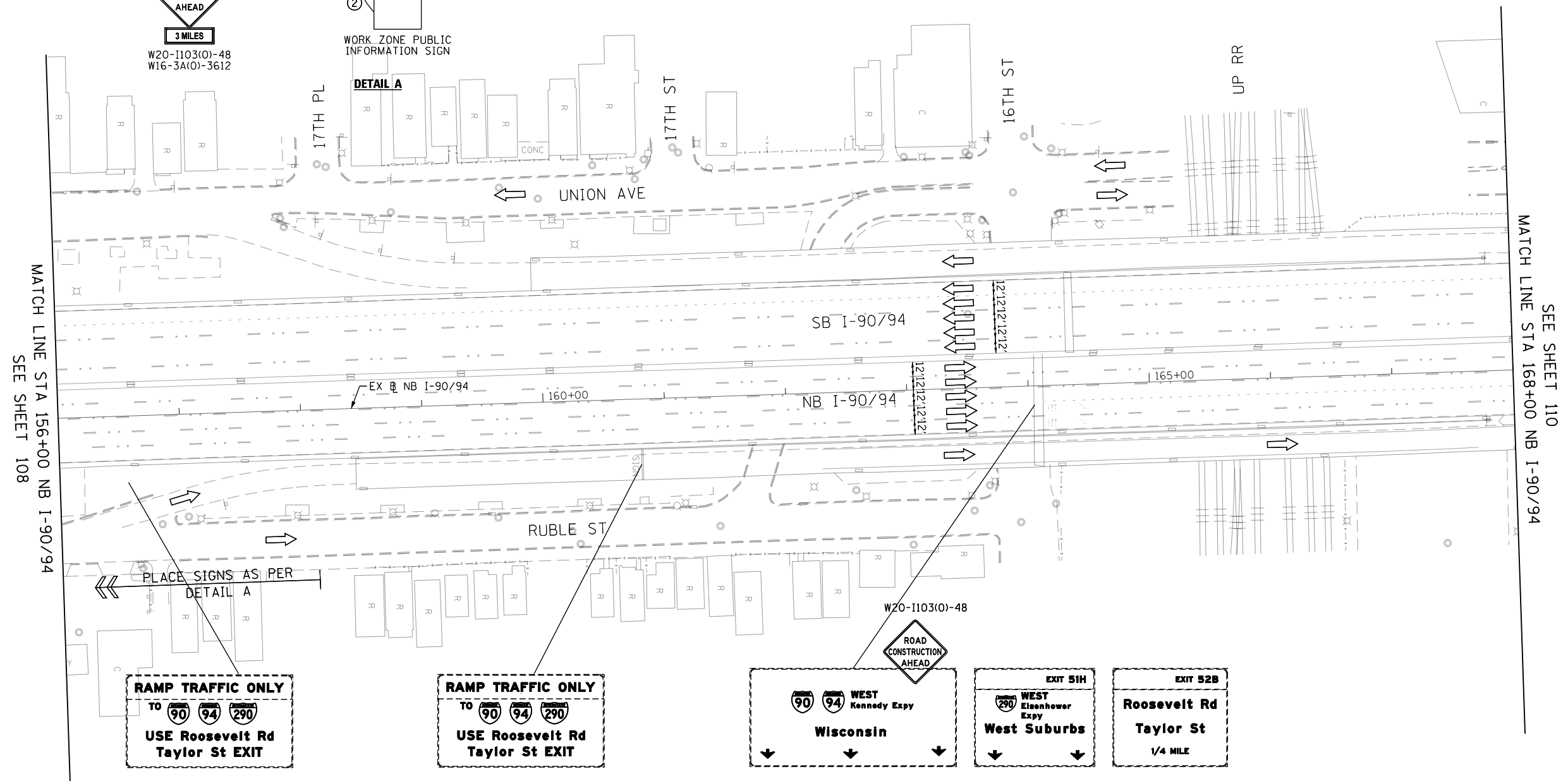


- ① The Road Construction Ahead sign shall be located 3 to 5 miles in advance of the project limits.
- ② The message and size of the Work Zone Public Information Sign shall be as specified by the Department.
- ③ This sign shall be omitted when median width is less than 10' (3 m).



ROAD CONSTRUCTION AHEAD
3 MILES
W20-1103(O)-48
W16-3A(O)-3612

WORK ZONE PUBLIC INFORMATION SIGN
DETAIL A



RAMP TRAFFIC ONLY
TO 90 94 290
USE Roosevelt Rd
Taylor St EXIT

RAMP TRAFFIC ONLY
TO 90 94 290
USE Roosevelt Rd
Taylor St EXIT

ROAD CONSTRUCTION AHEAD
90 94 WEST Kennedy Expy
Wisconsin

EXIT 51H
WEST Eisenhower Expy
West Suburbs

EXIT 52B
Roosevelt Rd
Taylor St
1/4 MILE

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP

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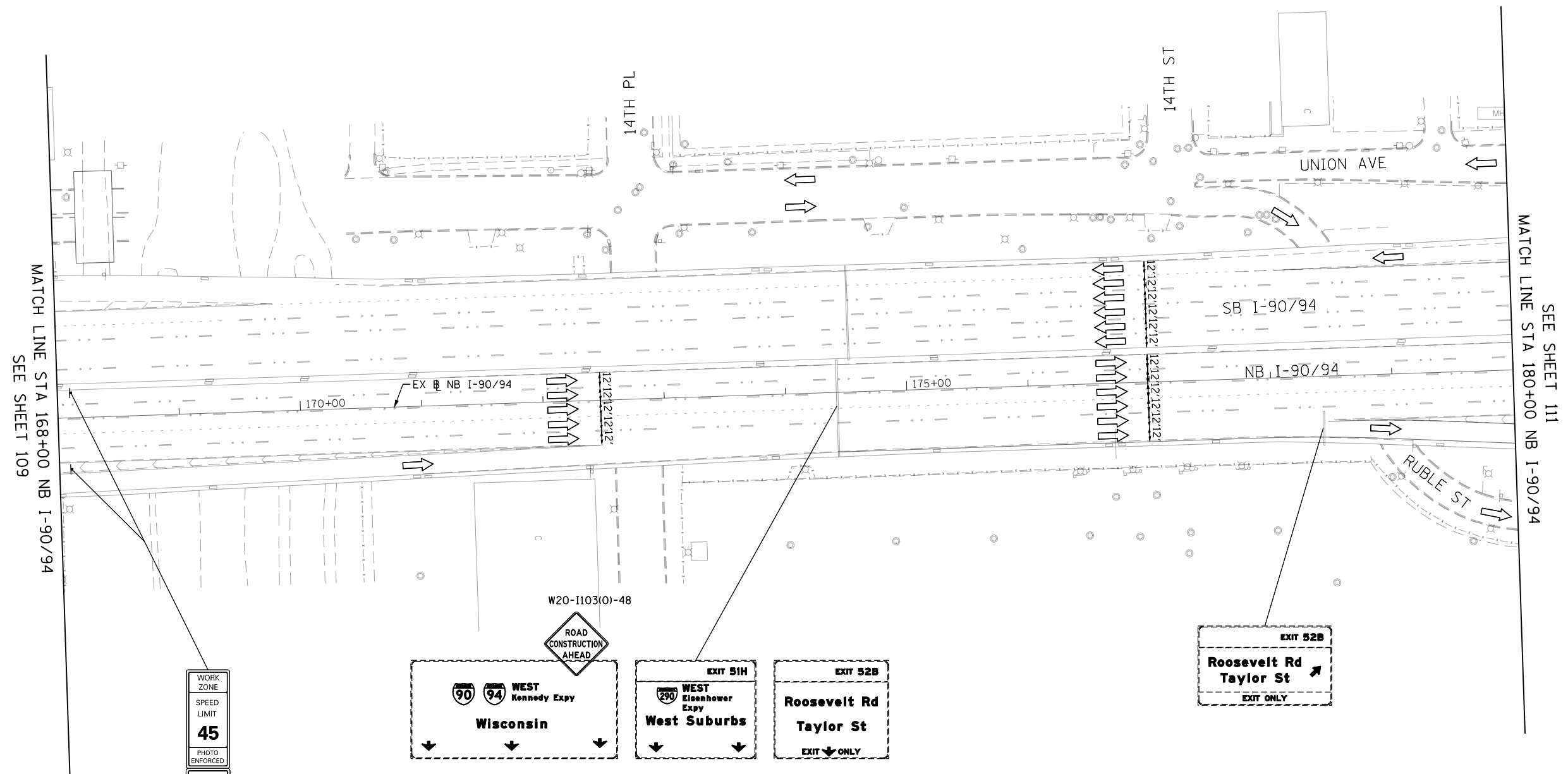
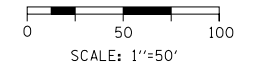
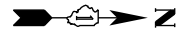
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CHECKED - JLV
DATE - 5/10/2017

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 2A
SCALE: 1"=50' SHEET 4 OF 12 SHEETS STA. 156+00 TO STA. 168+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	109
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 168+00 NB I-90/94
SEE SHEET 109

MATCH LINE STA 180+00 NB I-90/94
SEE SHEET 111

WORK ZONE
SPEED LIMIT
45
PHOTO ENFORCED
XXXX FINE MINIMUM

W2-1115(0)-3618
R2-1-3648
R10-1108P-3618
R2-1106-3618

W20-1103(0)-48

	WEST Kennedy Expy
Wisconsin	

	EXIT 51H
WEST Eisenhower Expy	
West Suburbs	

EXIT 52B
Roosevelt Rd
Taylor St
EXIT ONLY

EXIT 52B
Roosevelt Rd
Taylor St
EXIT ONLY

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS

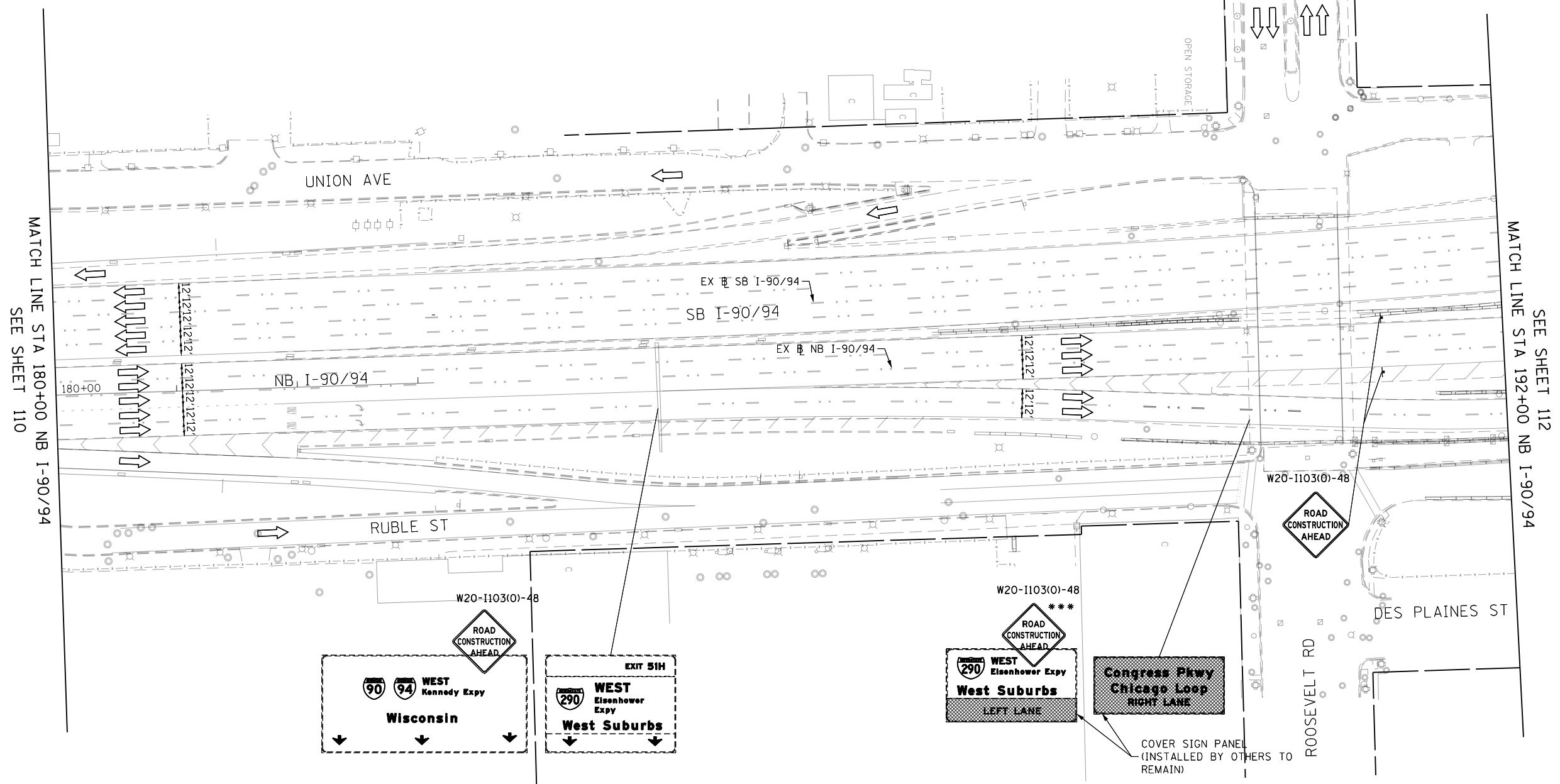
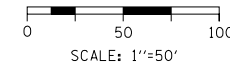


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PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2A			
SCALE: 1"=50'	SHEET 5	OF 12 SHEETS	STA. 168+00 TO STA. 180+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	110
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS

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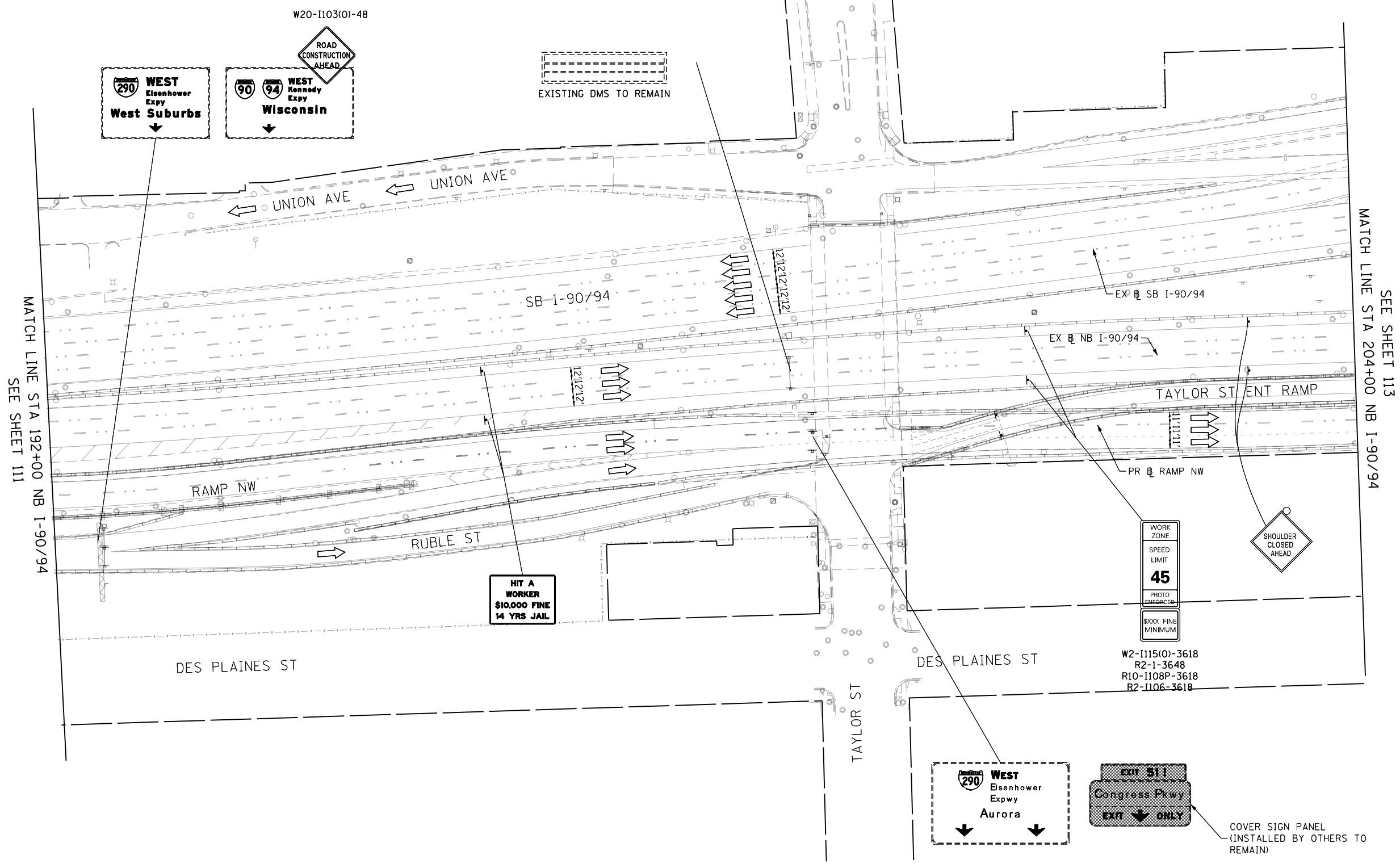
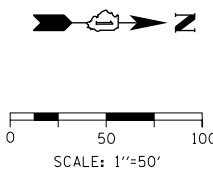


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2A			
SCALE: 1"=50'	SHEET 6	OF 12 SHEETS	STA. 180+00 TO STA. 192+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	111
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**













SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2A			
SCALE: 1"=50'	SHEET 7	OF 12 SHEETS	STA. 192+00 TO STA. 204+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	112
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				

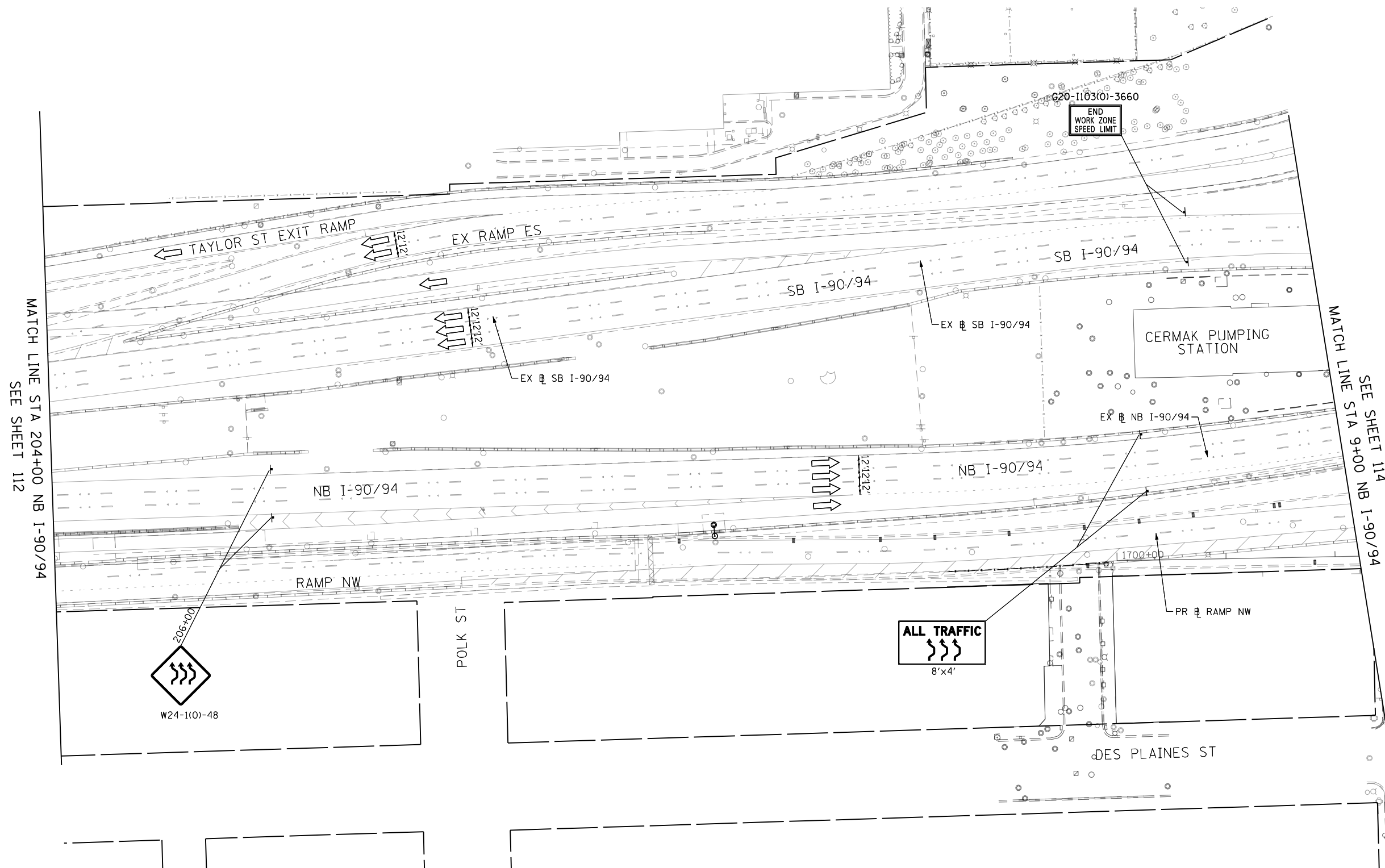


0 50 100
SCALE: 1"=50'

LEGEND

-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  ARROW BOARD
-  TYPE III BARRICADE
-  TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
-  @ 50' C-C (TYP) ON TAPERS AND RAMP
-  @ 100' C-C (TYP) ON TANGENTS
-  DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  @ 50' C-C (TYP) ON TAPERS AND RAMP

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.



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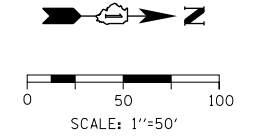
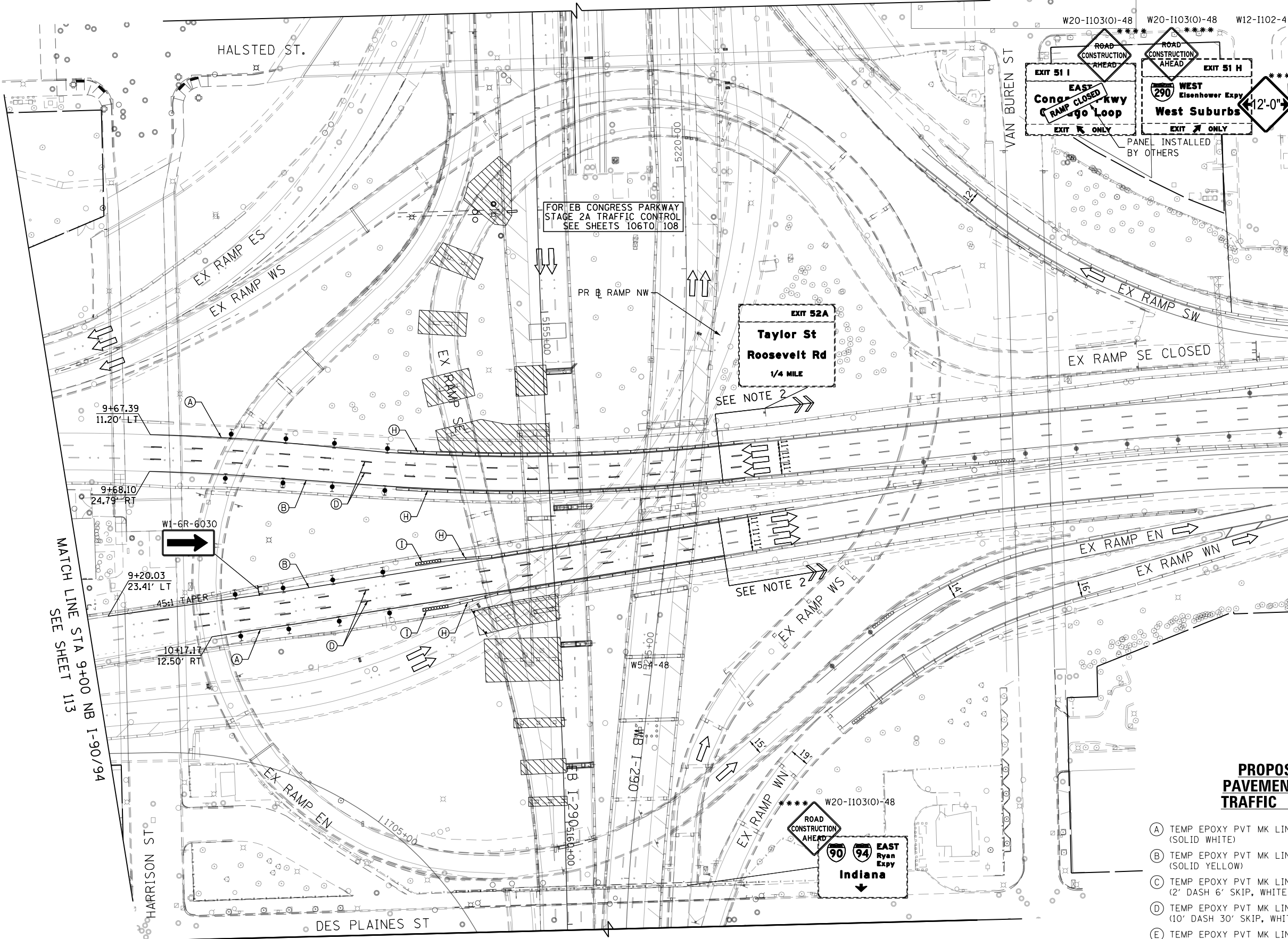
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2A			
SCALE: 1"=50'	SHEET 8	OF 12 SHEETS	STA. 204+00 TO STA. 9+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	113
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

I-290



LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP

- NOTES:**
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX @ I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
 2. TEMPORARY TRAFFIC CONTROL PAVEMENT MARKINGS AND TEMPORARY CONCRETE BARRIER SHALL MATCH TO THE CURRENT STAGE OF TRAFFIC CONTROL FOR CONTRACT 60X99.
 3. FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" SPECIAL PROVISION.

*** FROM CONTRACT 60X78 TO REMAIN
 *** FROM CONTRACT 60X77 TO REMAIN
 *** FROM CONTRACT 60X99 TO REMAIN

PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEST LEVEL 2

MATCH LINE STA 9+00 NB I-90/94 SEE SHEET 113

MATCH LINE STA 21+00 NB I-90/94 SEE SHEET 115

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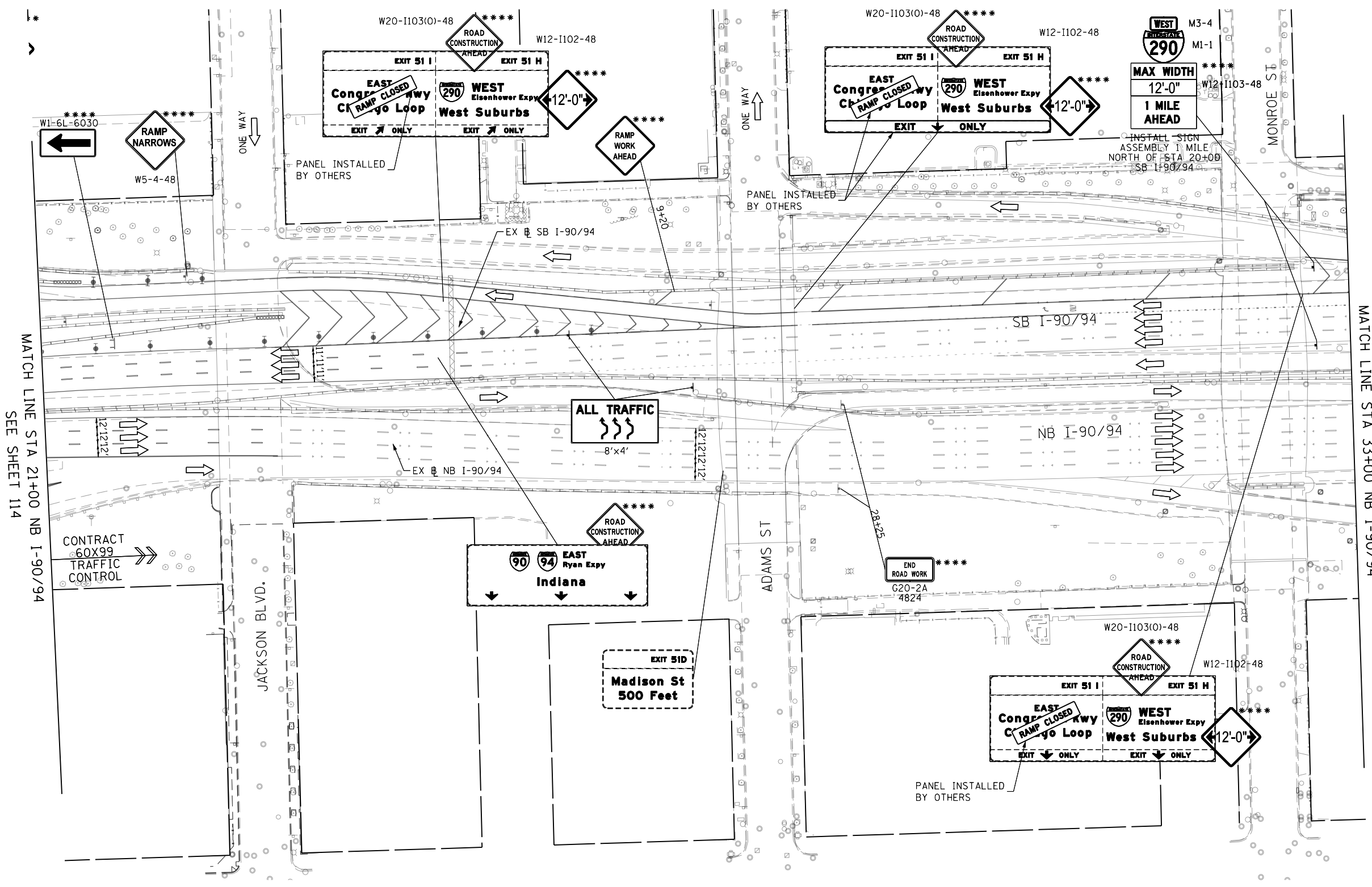
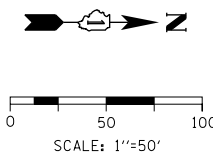
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2A			
SCALE: 1"=50'	SHEET 9	OF 12 SHEETS	STA. 9+00 TO STA. 21+00

F.A.I. RTE. 90/94/290	SECTION 2014-001 R&B	COUNTY COOK	TOTAL SHEETS 696	SHEET NO. 114
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 60X75



PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEST LEVEL 2
- (M) PINNING TEMPORARY CONCRETE BARRIER

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS

NOTES:
 1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX @ I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.

**** FROM CONTRACT 60X99 TO REMAIN

MATCH LINE STA 21+00 NB I-90/94 SEE SHEET 114

MATCH LINE STA 33+00 NB I-90/94 SEE SHEET 116

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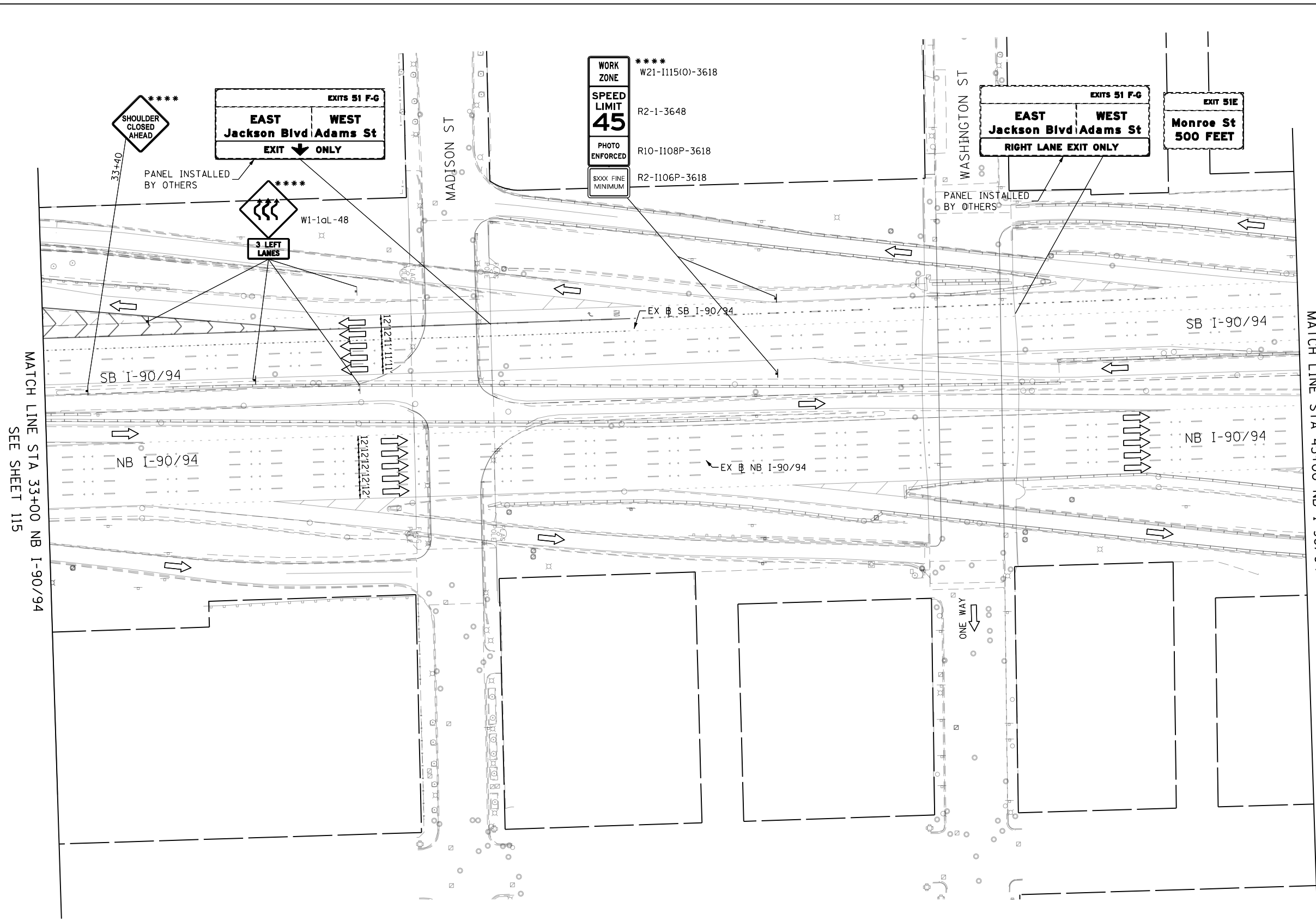
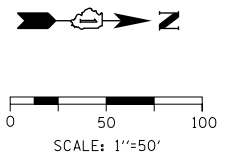


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PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2A			
SCALE: 1"=50'	SHEET 10	OF 12 SHEETS	STA. 21+00 TO STA. 33+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	115
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



WORK ZONE

 W21-1115(O)-3618
 SPEED LIMIT
45
 PHOTO ENFORCED
 R10-1108P-3618
 \$XXX FINE MINIMUM
 R2-1106P-3618

EXITS 51 F-G
EAST Jackson Blvd Adams St
WEST Jackson Blvd Adams St
RIGHT LANE EXIT ONLY

EXIT 51E
Monroe St
500 FEET

**** FROM CONTRACT 60X99 TO REMAIN

NOTES:
 1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP

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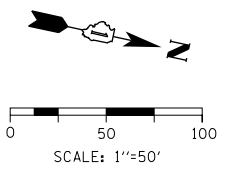
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 PLOT DATE = 5/10/2017

DESIGNED - MKW	REVISED -
DRAWN - BAW	REVISED -
CHECKED - JLV	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

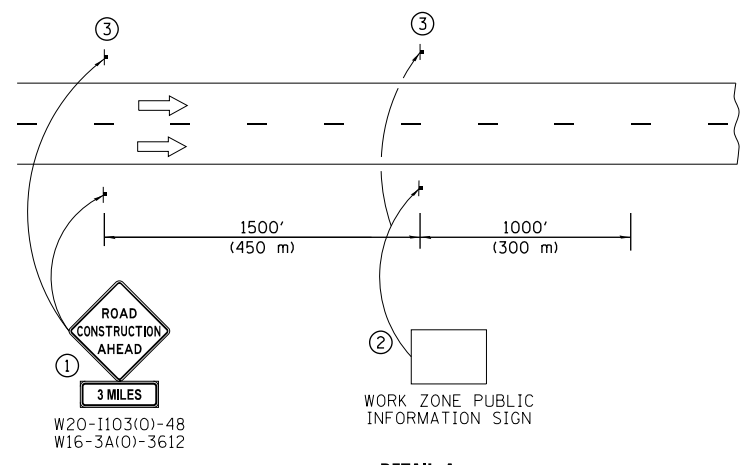
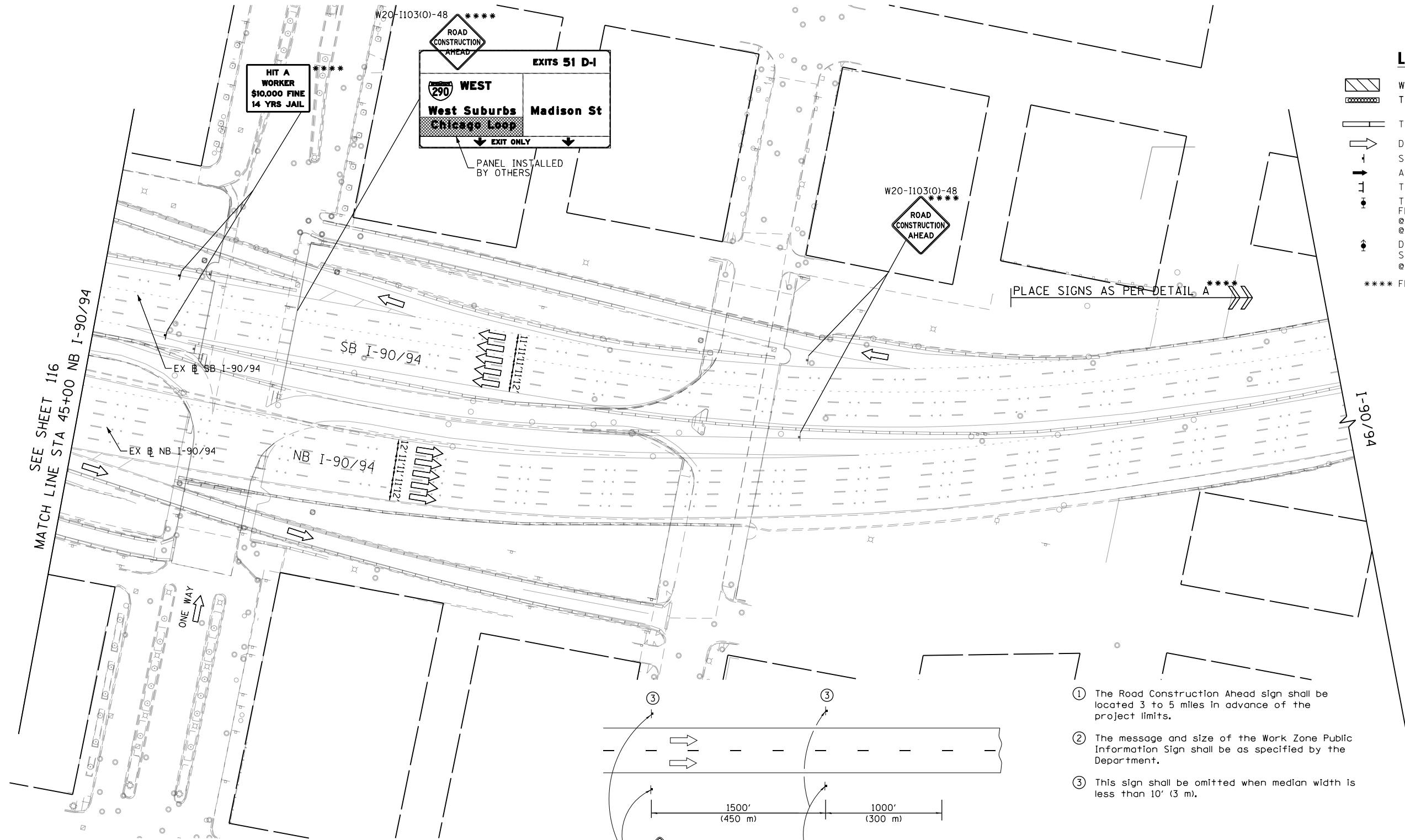
SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 2A
 SCALE: 1"=50' SHEET 11 OF 12 SHEETS STA. 33+00 TO STA. 45+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	116
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
@ 50' C-C (TYP) ON TAPERS AND RAMP
@ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
@ 50' C-C (TYP) ON TAPERS AND RAMP
- **** FROM CONTRACT 60X99 TO REMAIN



- ① The Road Construction Ahead sign shall be located 3 to 5 miles in advance of the project limits.
- ② The message and size of the Work Zone Public Information Sign shall be as specified by the Department.
- ③ This sign shall be omitted when median width is less than 10' (3 m).

DETAIL A

FILE PATH = p:\61749-P\INT\secomon\line\local\I9022_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X75_Contract\016875-Sht-STAGING2A-12.dgn



D160X75-Sht-STAGING2A-12.dgn	DESIGNED - MKW	REVISED -
USER NAME = v1janachione	DRAWN - BAW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JLV	REVISED -
PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

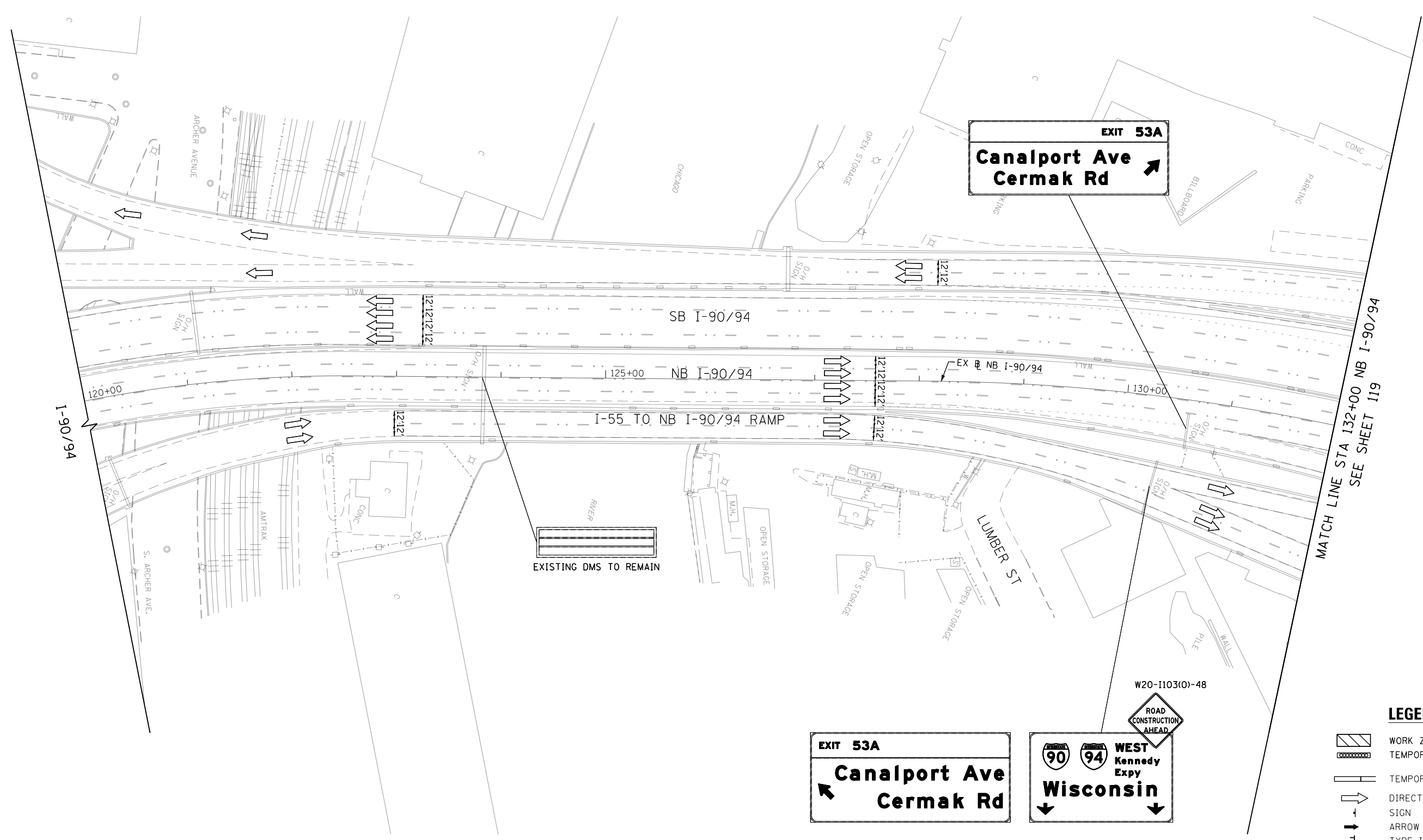
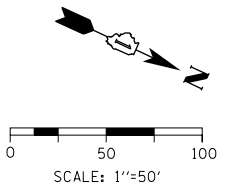
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL
I-9094 STAGE 2A**

SCALE: 1"=50' SHEET 12 OF 12 SHEETS STA. 45+00 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	117
CONTRACT NO. 60X75				

ILLINOIS FED. AID PROJECT



EXIT 53A
Canalport Ave
Cermak Rd

EXIT 53A
Canalport Ave
Cermak Rd

90 94 WEST Kennedy Expy Wisconsin

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS

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DI60X75-Sht-STAGING2B-01.dgn
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 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 5/10/2017

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 DRAWN - BAW
 CHECKED - JLV
 DATE - 5/10/2017

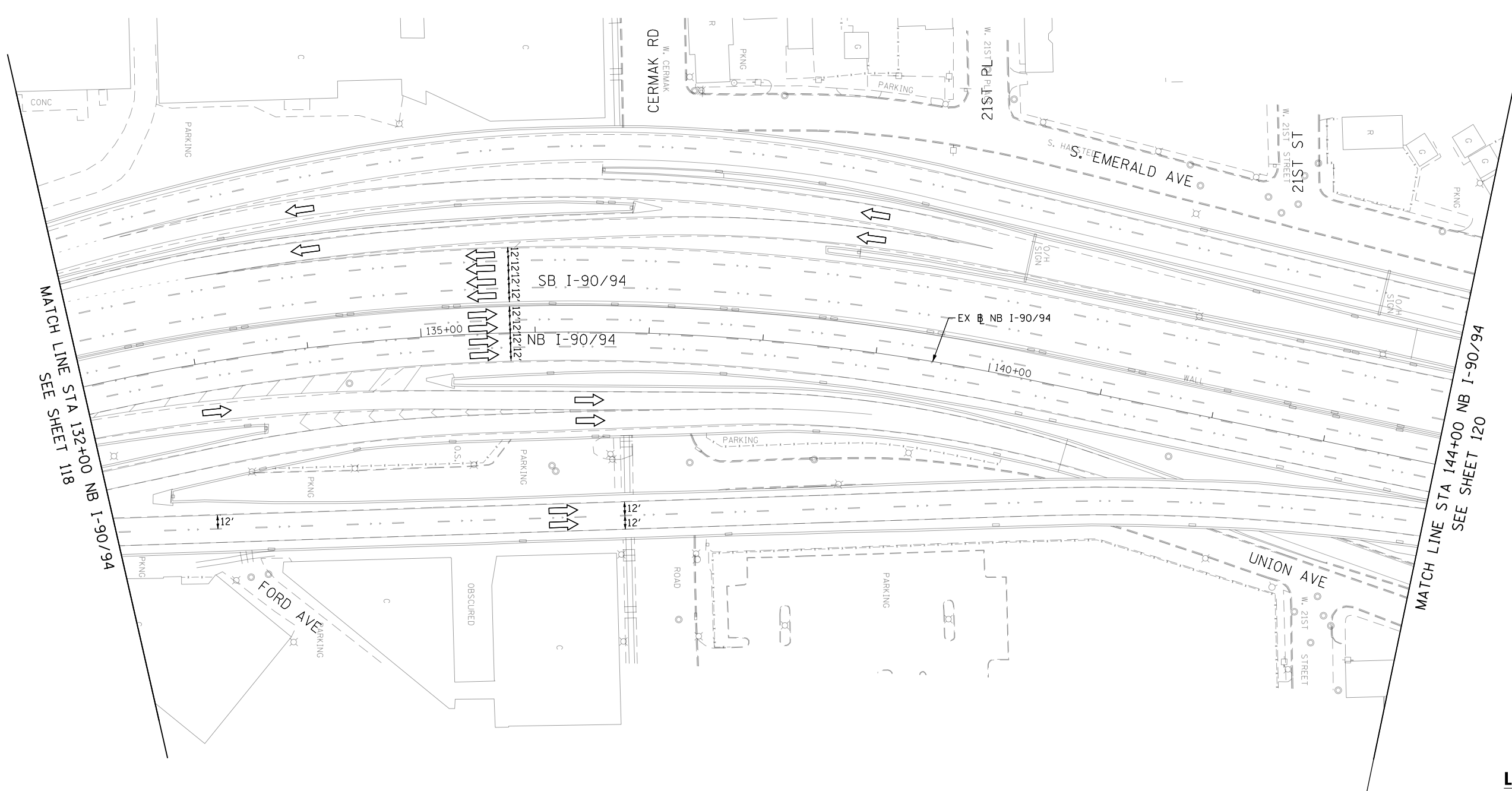
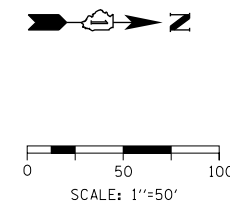
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL
 I-90/94 STAGE 2B**

SCALE: 1"=50' SHEET 1 OF 12 SHEETS STA. 120+00 TO STA. 132+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	118
CONTRACT NO. 60X75			ILLINOIS FED. AID PROJECT	



- LEGEND**
- WORK ZONE
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY CONCRETE BARRIER
 - DIRECTION OF TRAFFIC FLOW SIGN
 - ARROW BOARD
 - TYPE III BARRICADE
 - TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
@ 50' C-C (TYP) ON TAPERS AND RAMPS
@ 100' C-C (TYP) ON TANGENTS
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
@ 50' C-C (TYP) ON TAPERS AND RAMPS

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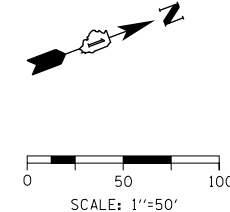


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PLOT SCALE = 100.0000' / in.	CHECKED - JLV	REVISED -
PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -













**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

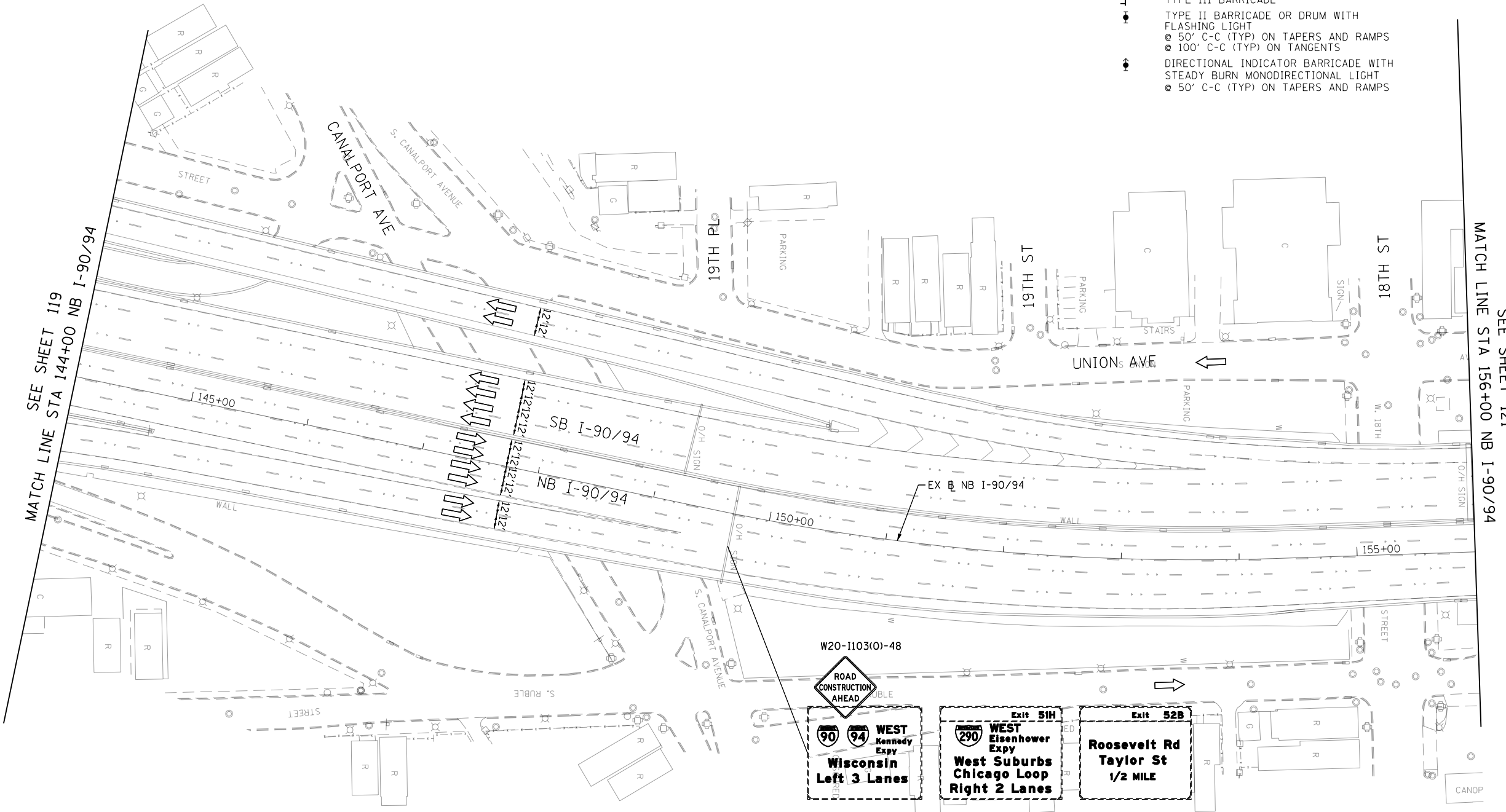
SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2B			
SCALE: 1"=50'	SHEET 2	OF 12 SHEETS	STA. 132+00 TO STA. 144+00

F.A.I. RTE. 90/94/290	SECTION 2014-001 R&B	COUNTY COOK	TOTAL SHEETS 696	SHEET NO. 119
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



LEGEND

-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  ARROW BOARD
-  TYPE III BARRICADE
-  TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
-  50' C-C (TYP) ON TAPERS AND RAMPS
-  100' C-C (TYP) ON TANGENTS
-  DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  50' C-C (TYP) ON TAPERS AND RAMPS



SEE SHEET 119
MATCH LINE STA 144+00 NB I-90/94

SEE SHEET 121
MATCH LINE STA 156+00 NB I-90/94

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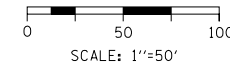
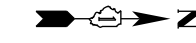
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USER NAME = v1janachione
PLOT SCALE = 100.0000' / in.
PLOT DATE = 5/10/2017

DESIGNED - MKW	REVISED -
DRAWN - BAW	REVISED -
CHECKED - JLV	REVISED -
DATE - 5/10/2017	REVISED -

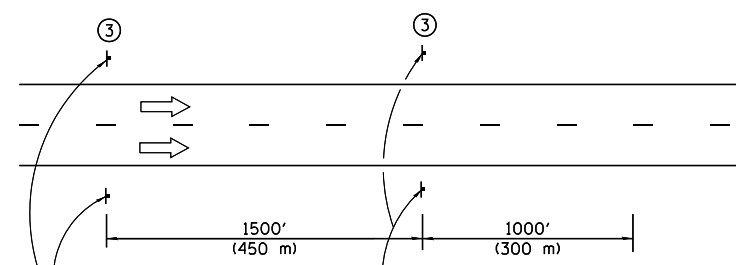
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2B			
SCALE: 1"=50'	SHEET 3	OF 12 SHEETS	STA. 144+00 TO STA. 156+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	120
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				

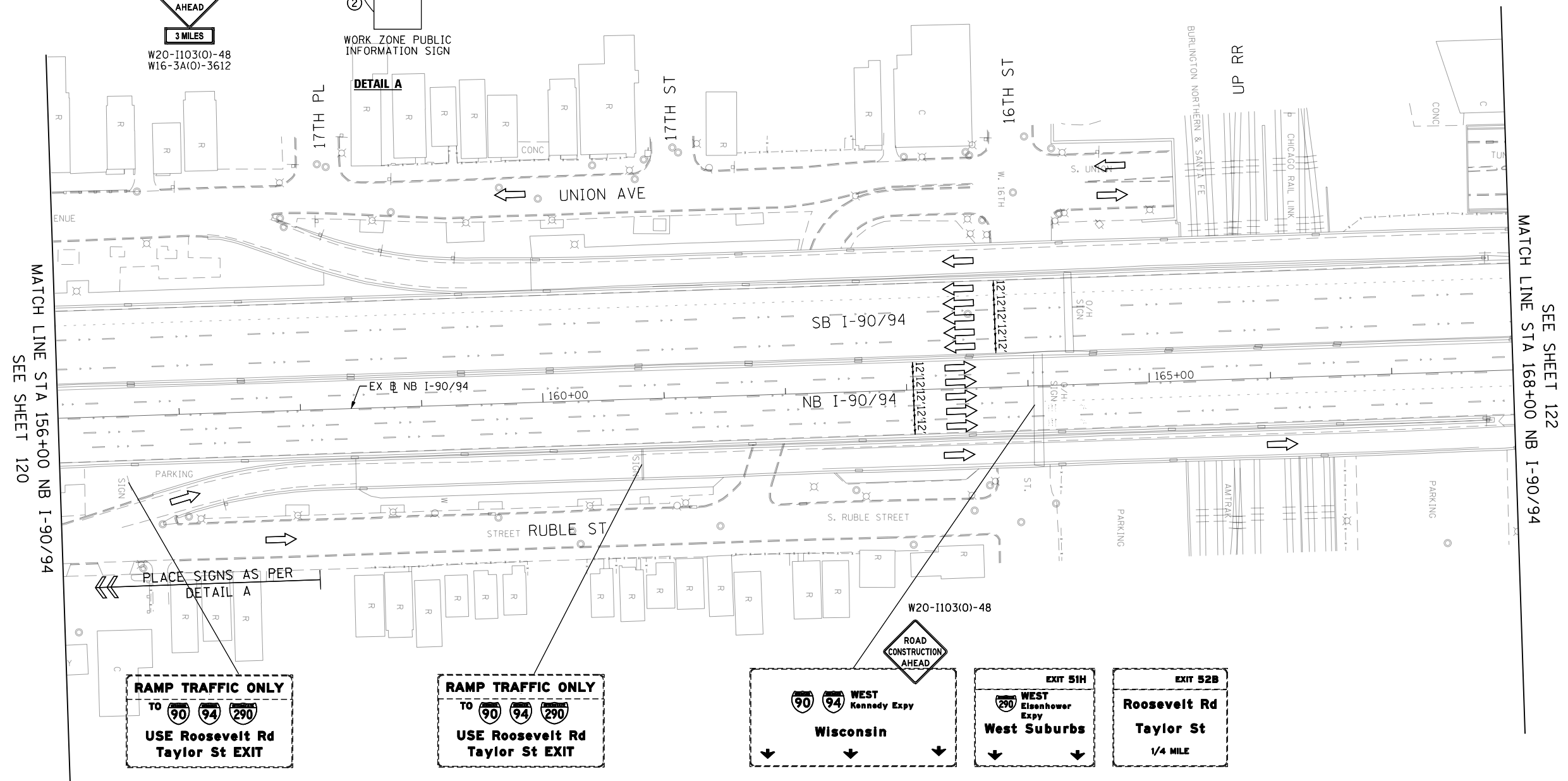


- ① The Road Construction Ahead sign shall be located 3 to 5 miles in advance of the project limits.
- ② The message and size of the Work Zone Public Information Sign shall be as specified by the Department.
- ③ This sign shall be omitted when median width is less than 10' (3 m).



ROAD CONSTRUCTION AHEAD
3 MILES
W20-1103(O)-48
W16-3A(O)-3612

WORK ZONE PUBLIC INFORMATION SIGN
DETAIL A



RAMP TRAFFIC ONLY
TO 90 94 290
USE Roosevelt Rd
Taylor St EXIT

RAMP TRAFFIC ONLY
TO 90 94 290
USE Roosevelt Rd
Taylor St EXIT

ROAD CONSTRUCTION AHEAD
90 94 WEST Kennedy Expy
Wisconsin

EXIT 51H
WEST Eisenhower Expy
West Suburbs

EXIT 52B
Roosevelt Rd
Taylor St
1/4 MILE

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
@ 50' C-C (TYP) ON TAPERS AND RAMP
@ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
@ 50' C-C (TYP) ON TAPERS AND RAMP

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MATCH LINE STA 156+00 NB I-90/94
SEE SHEET 120

MATCH LINE STA 168+00 NB I-90/94
SEE SHEET 122



D160X75-Sht-STAGING2B-04.dgn
USER NAME = v1janachione
PLOT SCALE = 100.0000' / in.
PLOT DATE = 5/10/2017

DESIGNED - MKW
DRAWN - BAW
CHECKED - JLV
DATE - 5/10/2017

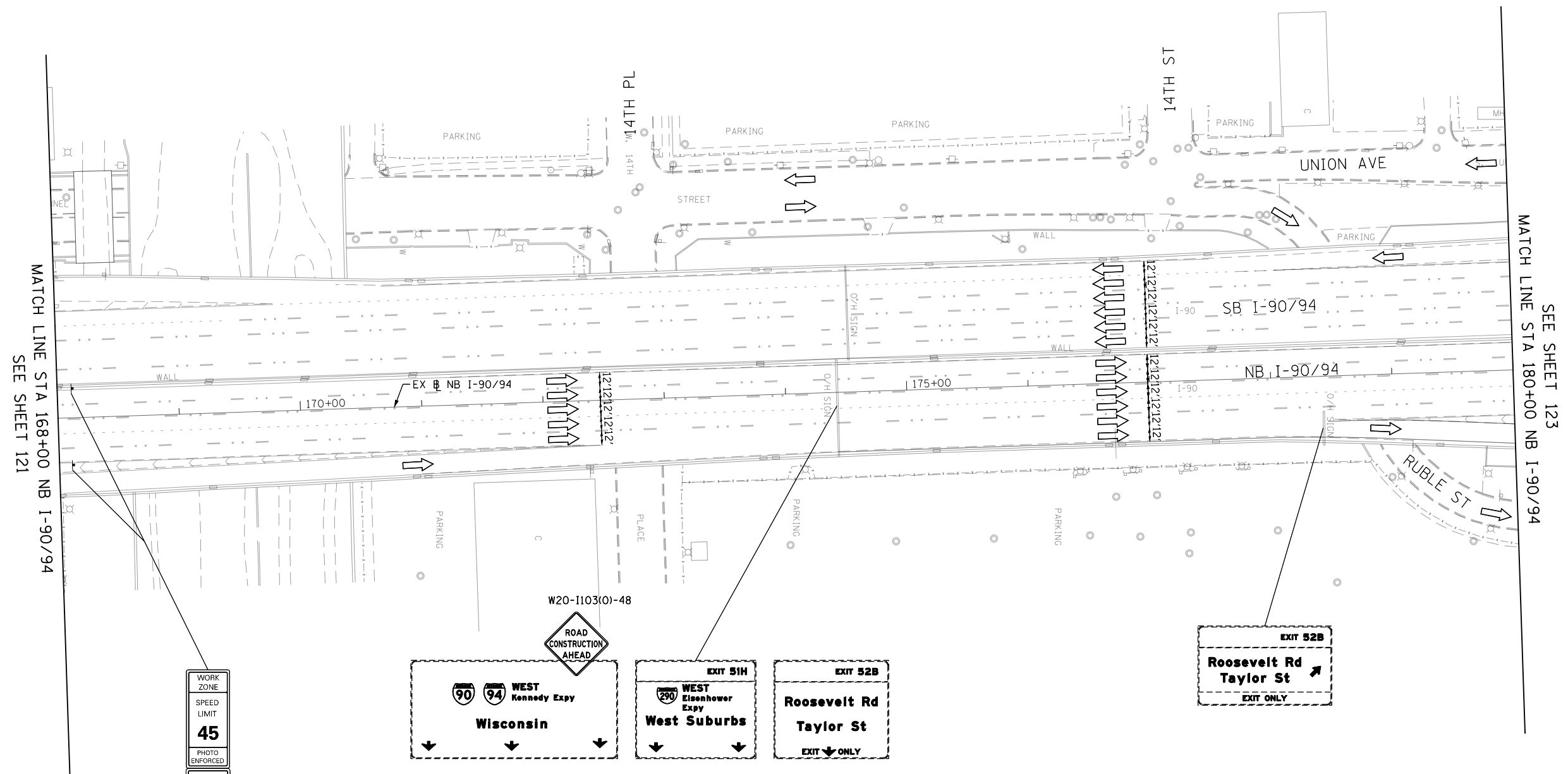
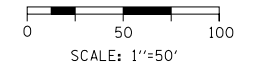
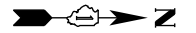
REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 2B**

SCALE: 1"=50' SHEET 4 OF 12 SHEETS STA. 156+00 TO STA. 168+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	121
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 168+00 NB I-90/94
SEE SHEET 121

SEE SHEET 123
MATCH LINE STA 180+00 NB I-90/94

WORK ZONE
SPEED LIMIT
45
PHOTO ENFORCED
5000 FEET MINIMUM

W2-1115(0)-3618
R2-1-3648
R10-1108P-3618
R2-1106-3618

W20-1103(0)-48

EXIT 51H
WEST Kennedy Expy
Wisconsin

EXIT 51H
WEST Eisenhower Expy
West Suburbs

EXIT 52B
Roosevelt Rd
Taylor St
EXIT ONLY

EXIT 52B
Roosevelt Rd
Taylor St
EXIT ONLY

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS

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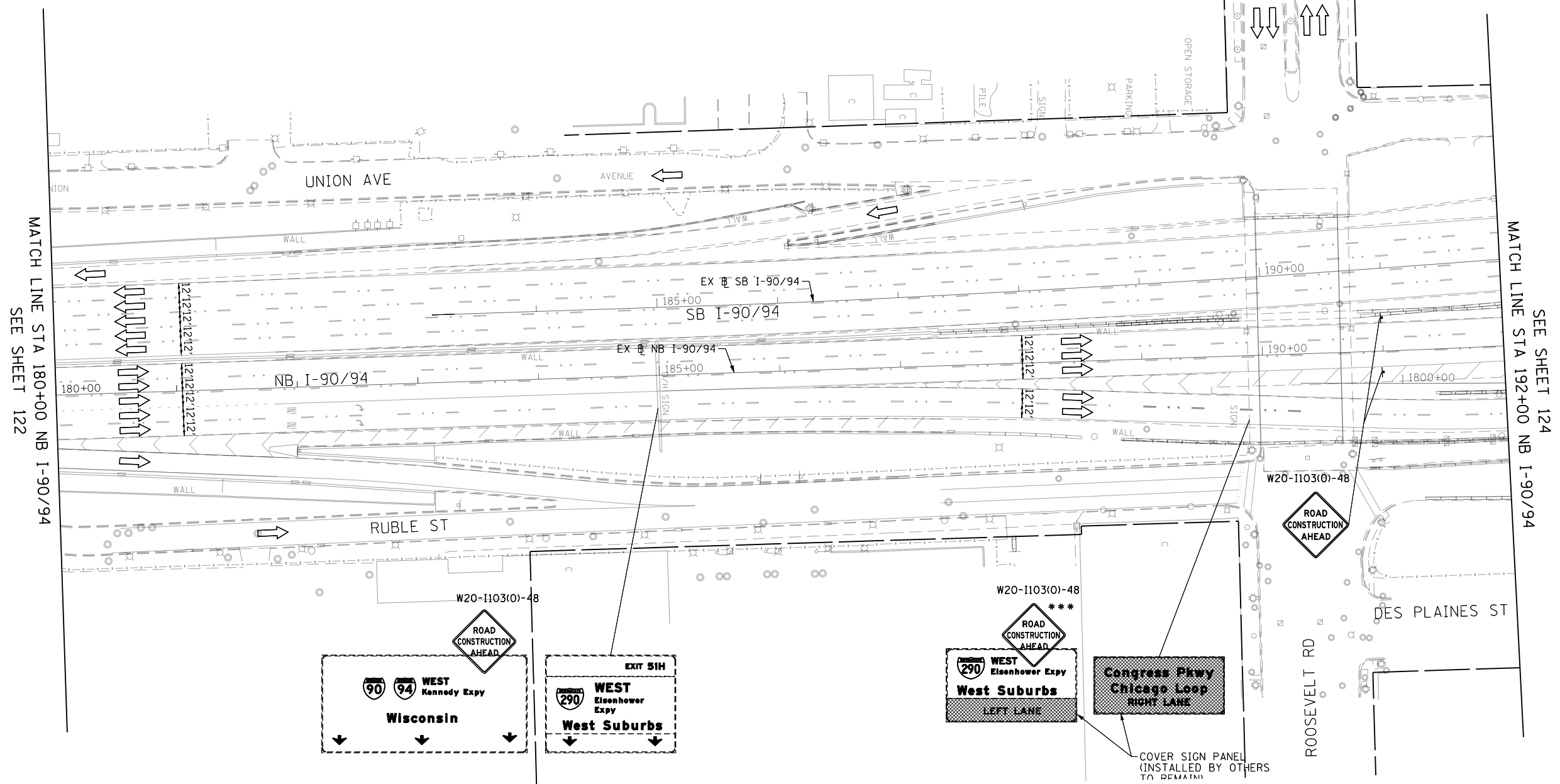
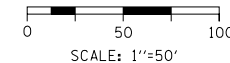
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PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 2B

SCALE: 1"=50'	SHEET 5	OF 12 SHEETS	STA. 168+00	TO STA. 180+00
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	122
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 180+00 NB I-90/94
SEE SHEET 122

MATCH LINE STA 192+00 NB I-90/94
SEE SHEET 124

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS

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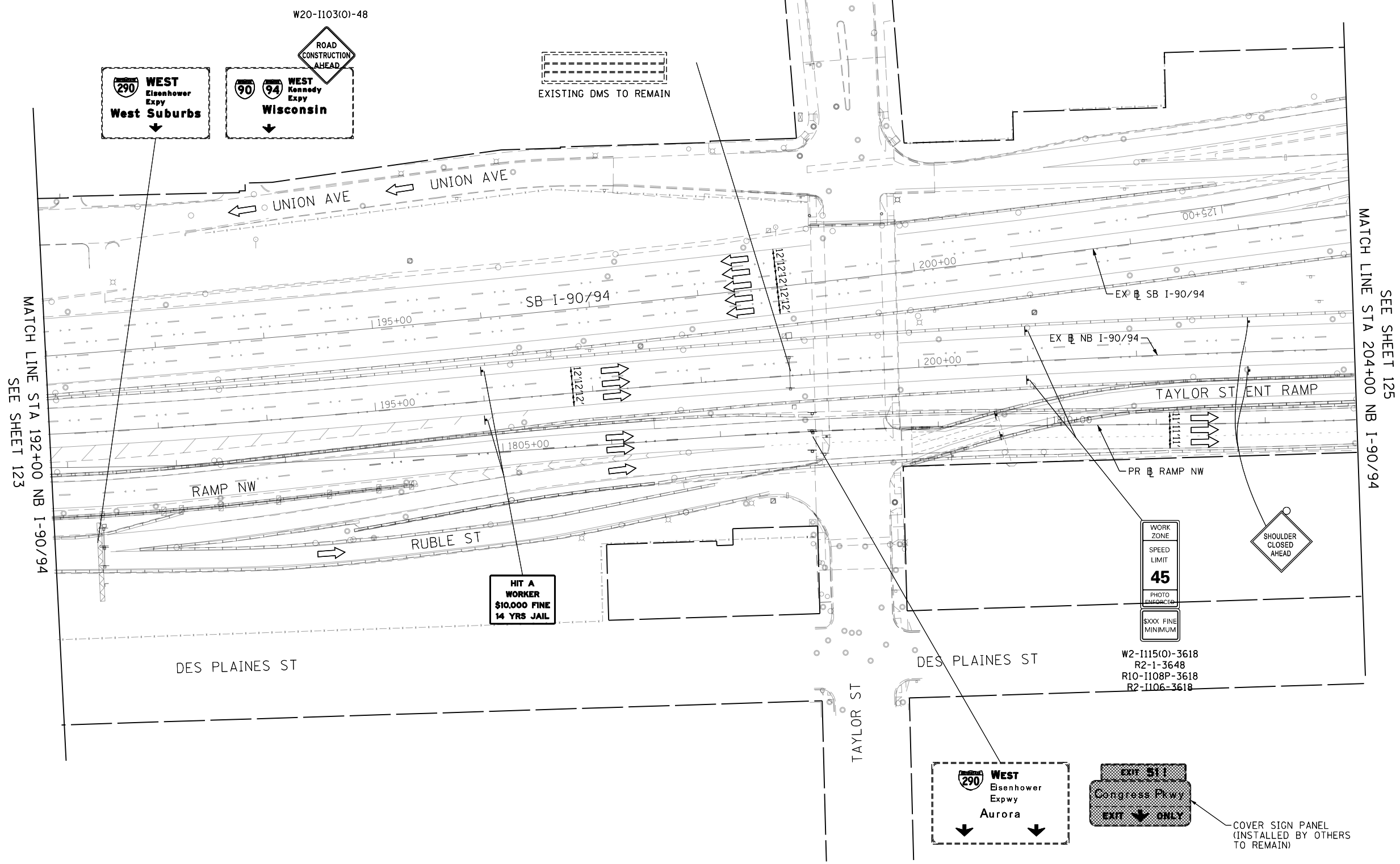
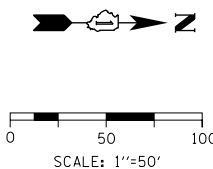
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PLOT SCALE = 100.0000' / in.
PLOT DATE = 5/10/2017

DESIGNED - MKW	REVISED -
DRAWN - BAW	REVISED -
CHECKED - JLV	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 2B
SCALE: 1"=50' SHEET 6 OF 12 SHEETS STA. 180+00 TO STA. 192+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	123
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 192+00 NB I-90/94
SEE SHEET 123

MATCH LINE STA 204+00 NB I-90/94
SEE SHEET 125

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS

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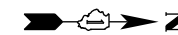


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**













SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2B			
SCALE: 1"=50'	SHEET 7	OF 12 SHEETS	STA. 192+00 TO STA. 204+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	124
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				

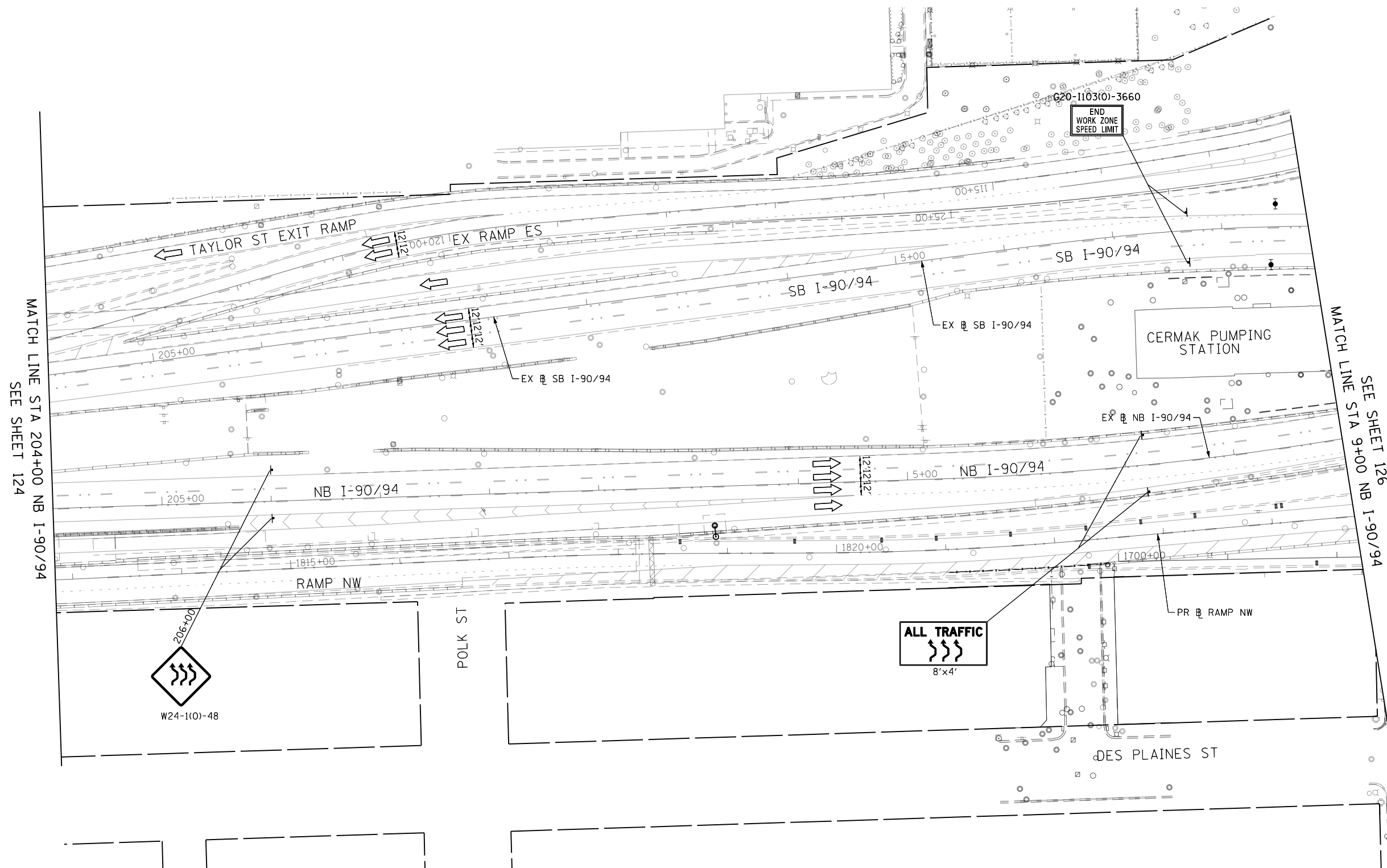


0 50 100
SCALE: 1"=50'

LEGEND

-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  ARROW BOARD
-  TYPE III BARRICADE
-  TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
-  @ 50' C-C (TYP) ON TAPERS AND RAMPS
-  @ 100' C-C (TYP) ON TANGENTS
-  DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  @ 50' C-C (TYP) ON TAPERS AND RAMPS

NOTES:
 1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX @ I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.



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D160X75-Sht-STAGING2B-08.dgn
 USER NAME = v1janachione
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 5/10/2017

DESIGNED - MKW
 DRAWN - BAW
 CHECKED - JLV
 DATE - 5/10/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL
 I-90/94 STAGE 2B**

SCALE: 1"=50' SHEET 8 OF 12 SHEETS STA. 204+00 TO STA. 9+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	125
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				

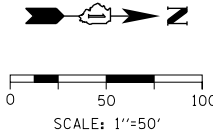
I-290

HALSTED ST.

VAN BUREN ST

MATCH LINE STA 9+00 NB I-90/94
SEE SHEET 125

MATCH LINE STA 21+00 NB I-90/94
SEE SHEET 127



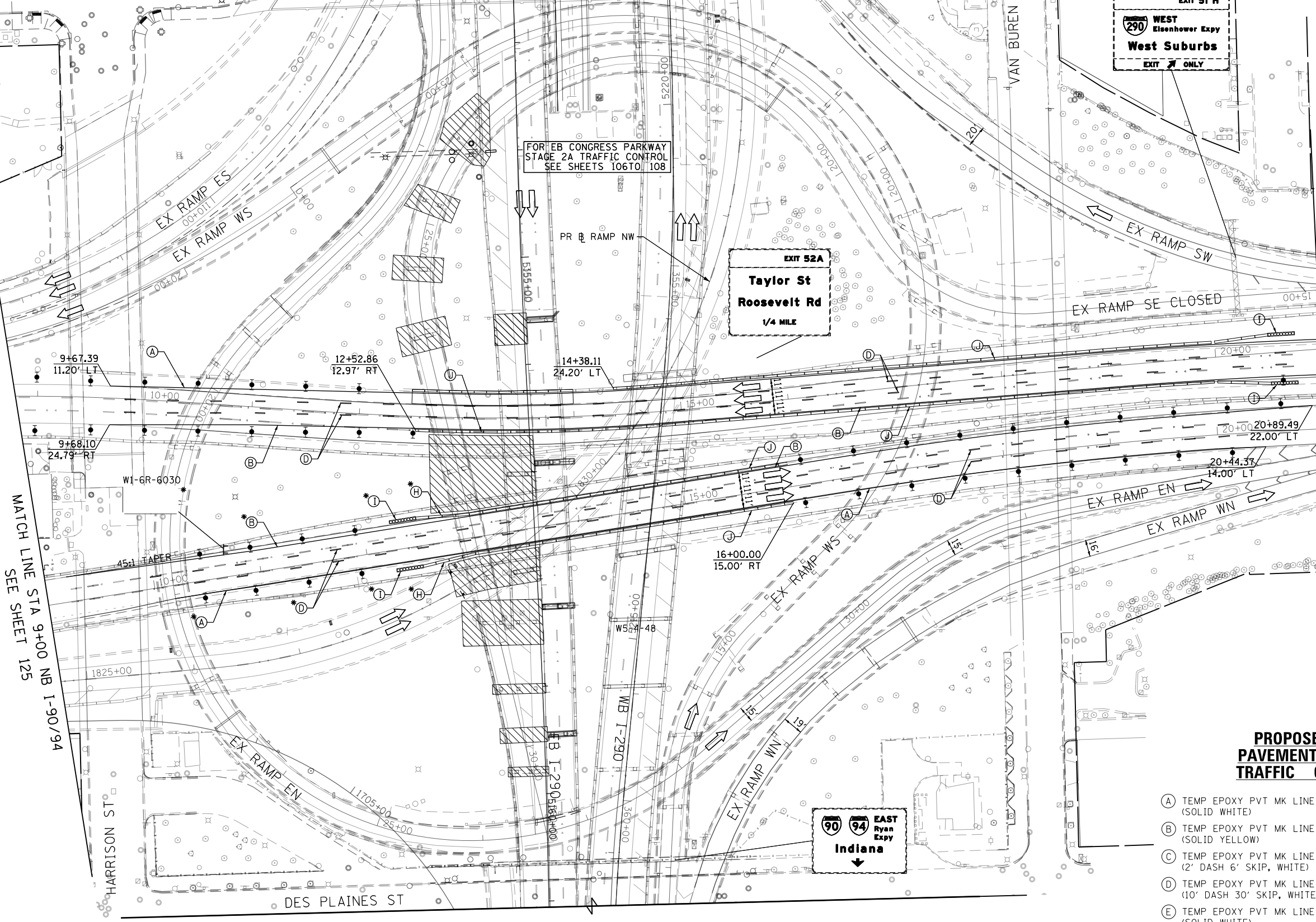
LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
- @ 50' C-C (TYP) ON TAPERS AND RAMP
- @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- @ 50' C-C (TYP) ON TAPERS AND RAMP

- NOTES:**
- ALL STATIONS AND OFFSETS ARE MEASURED FROM EX RAMP I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
 - FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" SPECIAL PROVISION.
- * FROM PREVIOUS STAGE TO REMAIN

PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEST LEVEL 2



FOR EB CONGRESS PARKWAY
STAGE 2A TRAFFIC CONTROL
SEE SHEETS 106T0 108

EXIT 52A
Taylor St
Roosevelt Rd
1/4 MILE

EXIT 51 H
WEST
Eisenhower Expy
West Suburbs
EXIT ONLY

90 94
EAST
Ryan Expy
Indiana

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D160X75-Sht-STAGING2B-09.dgn
 USER NAME = v1janachione
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 5/10/2017

DESIGNED - MKW
 DRAWN - BAW
 CHECKED - JLV
 DATE - 5/10/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL
I-90/94 STAGE 2B**

SCALE: 1"=50' SHEET 9 OF 12 SHEETS STA. 9+00 TO STA. 21+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	126
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



0 50 100
SCALE: 1"=50'

PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEST LEVEL 2
- (M) PINNING TEMPORARY CONCRETE BARRIER

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS

NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX NB I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.

* FROM PREVIOUS STAGE TO REMAIN

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL I-90/94 STAGE 2B

SCALE: 1"=50' SHEET 10 OF 12 SHEETS STA. 21+00 TO STA. 33+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	127
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

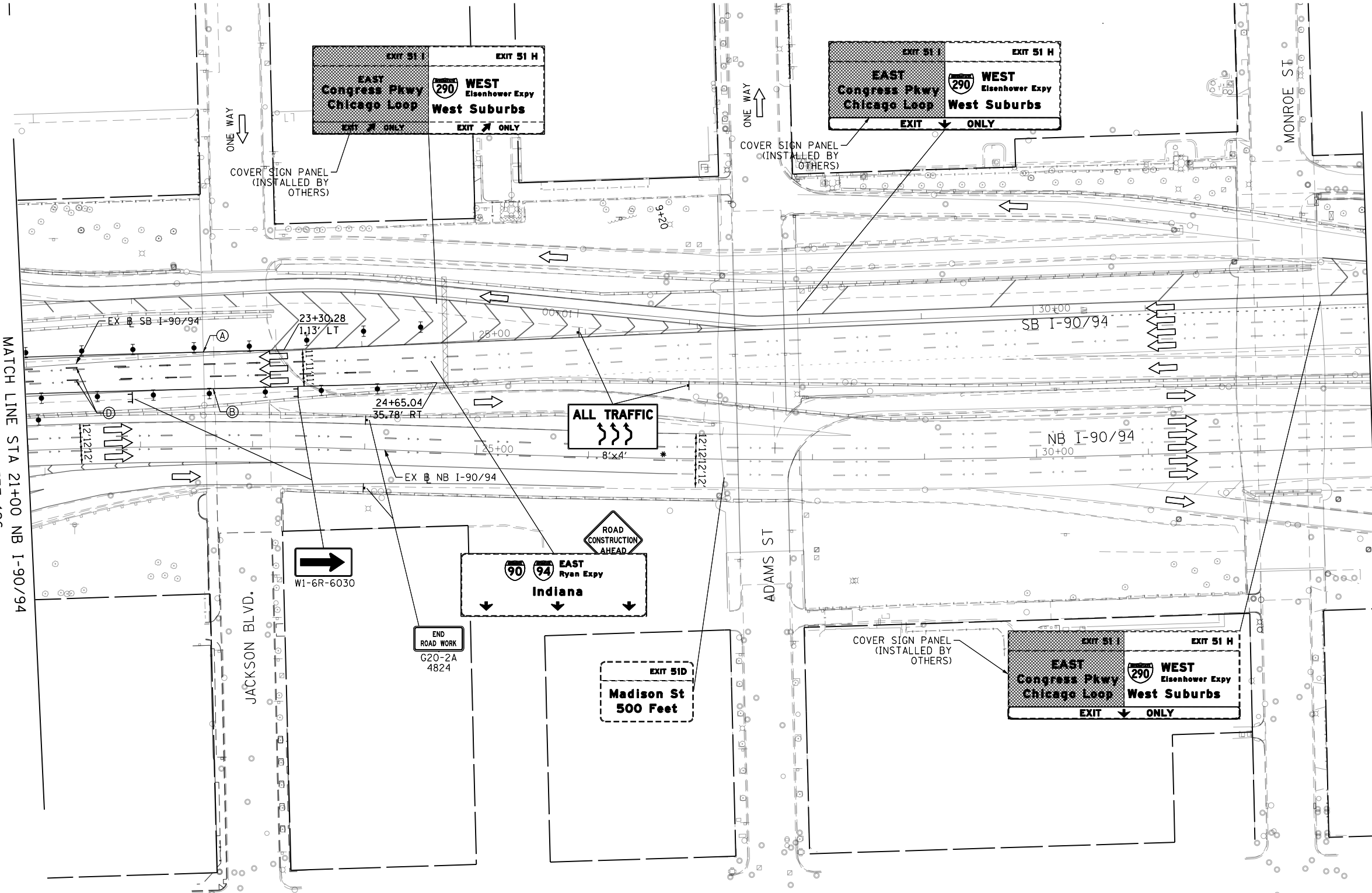
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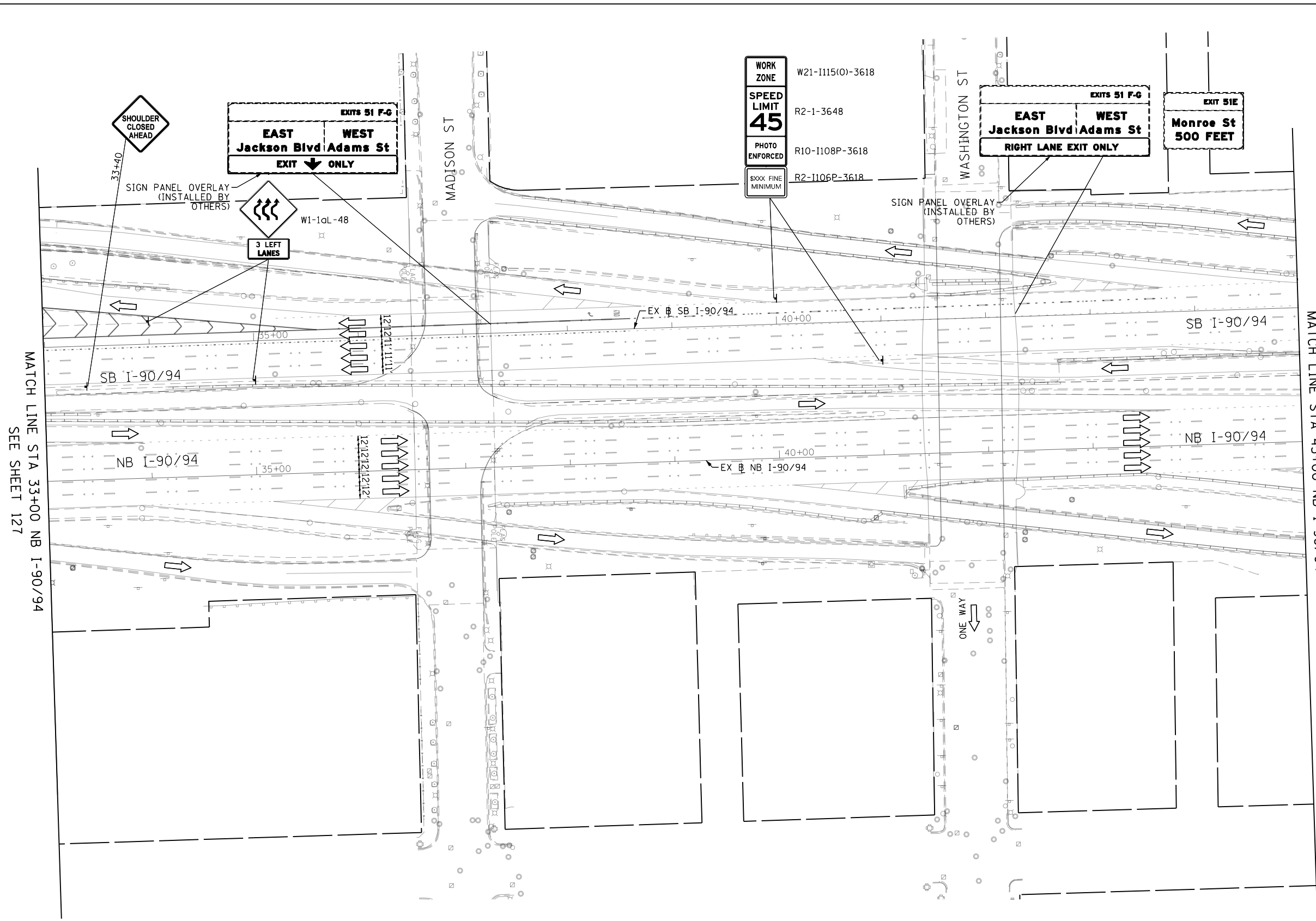
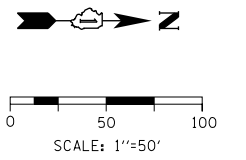


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MATCH LINE STA 21+00 NB I-90/94
SEE SHEET 126

MATCH LINE STA 33+00 NB I-90/94
SEE SHEET 128





MATCH LINE STA 33+00 NB I-90/94
SEE SHEET 127

MATCH LINE STA 45+00 NB I-90/94
SEE SHEET 129

WORK ZONE
W21-I115(O)-3618
SPEED LIMIT 45
R2-1-3648
PHOTO ENFORCED
R10-I108P-3618
SXXX FINE MINIMUM
R2-I106P-3618

EXITS 51 F-G
EAST Jackson Blvd/Adams St
WEST Jackson Blvd/Adams St
RIGHT LANE EXIT ONLY

EXIT 51E
Monroe St
500 FEET

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS

NOTES:
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX @ I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.

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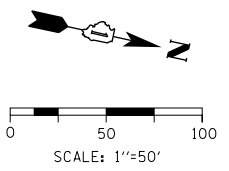


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PLOT SCALE = 100.0000' / in.	CHECKED - JLV	REVISED -
PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

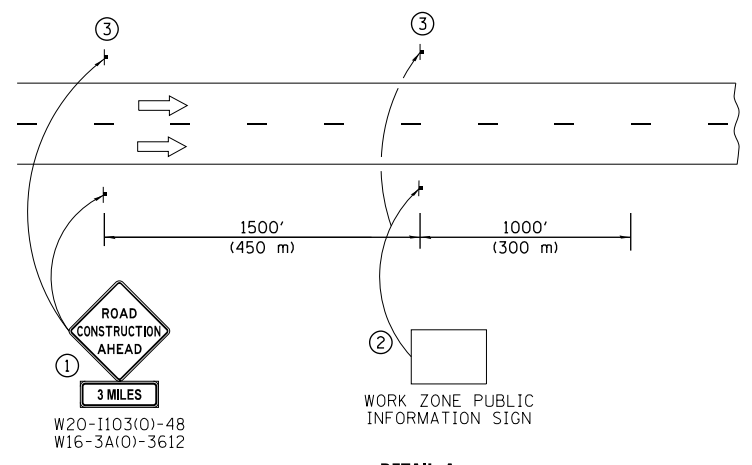
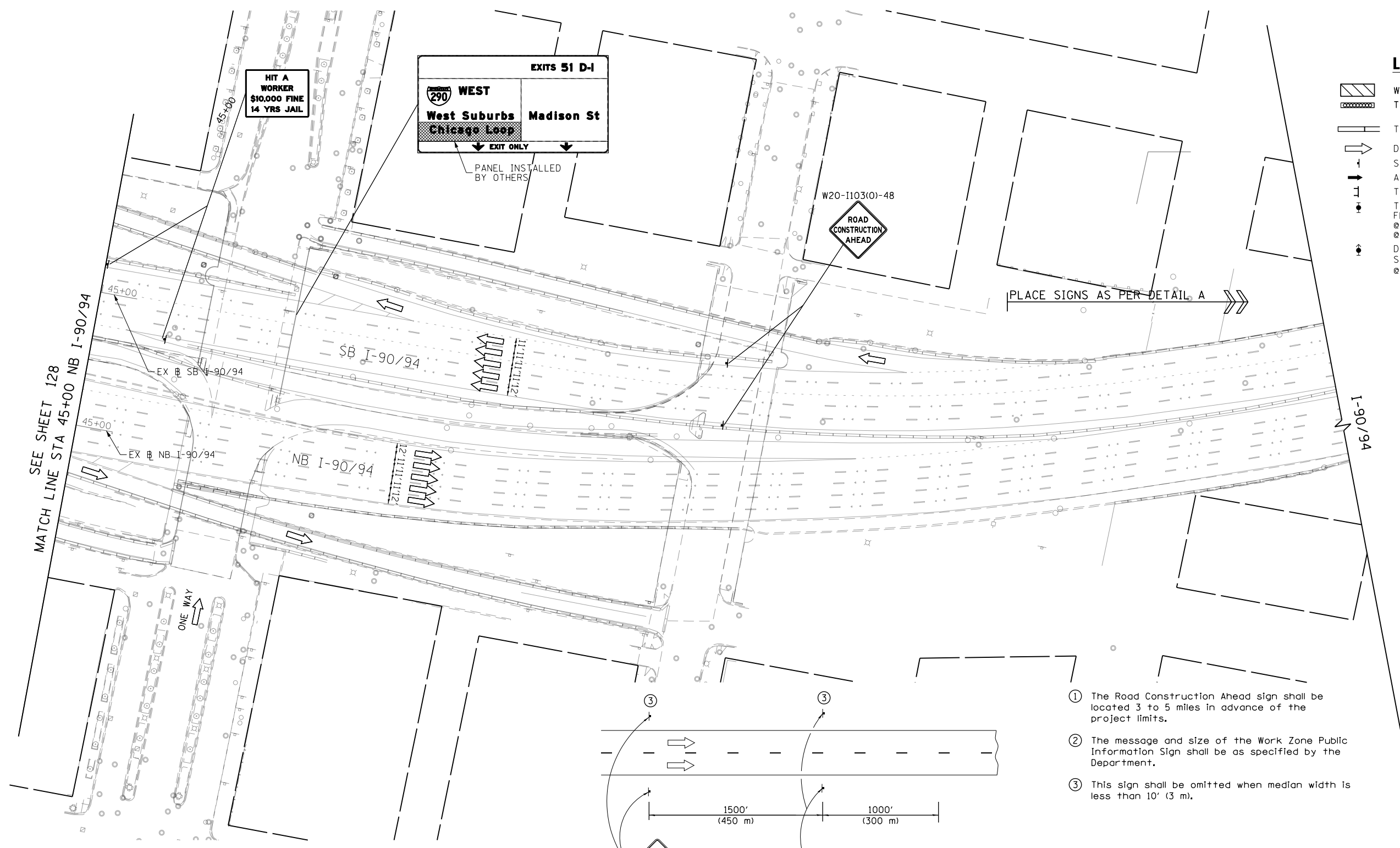
SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-90/94 STAGE 2B			
SCALE: 1"=50'	SHEET 11	OF 12 SHEETS	STA. 33+00 TO STA. 45+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	128
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
@ 50' C-C (TYP) ON TAPERS AND RAMP
@ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
@ 50' C-C (TYP) ON TAPERS AND RAMP



- ① The Road Construction Ahead sign shall be located 3 to 5 miles in advance of the project limits.
- ② The message and size of the Work Zone Public Information Sign shall be as specified by the Department.
- ③ This sign shall be omitted when median width is less than 10' (3 m).

DETAIL A

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D160X75-Sht-STAGING2B-12.dgn	DESIGNED - MKW	REVISED -
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PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

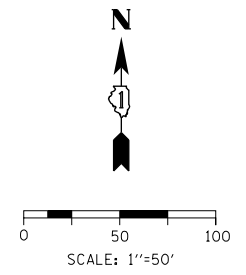
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL			
I-9094 STAGE 2B			
SCALE: 1"=50'	SHEET 12	OF 12 SHEETS	STA. 45+00 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	129
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				

GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PT	5222+20.12	23.00'	LT	P-CON-WB
2	PI	5221+20.12	11.00'	LT	P-CON-WB
3	PT	5219+48.84	11.00'	LT	P-CON-WB
4	PI	5218+21.67	23.00'	LT	P-CON-WB
5	PC	5216+99.19	11.00'	LT	P-CON-WB
6	PI	5215+30.00	11.00'	LT	P-CON-WB
7	PT	5213+84.75	12.74'	LT	P-CON-WB

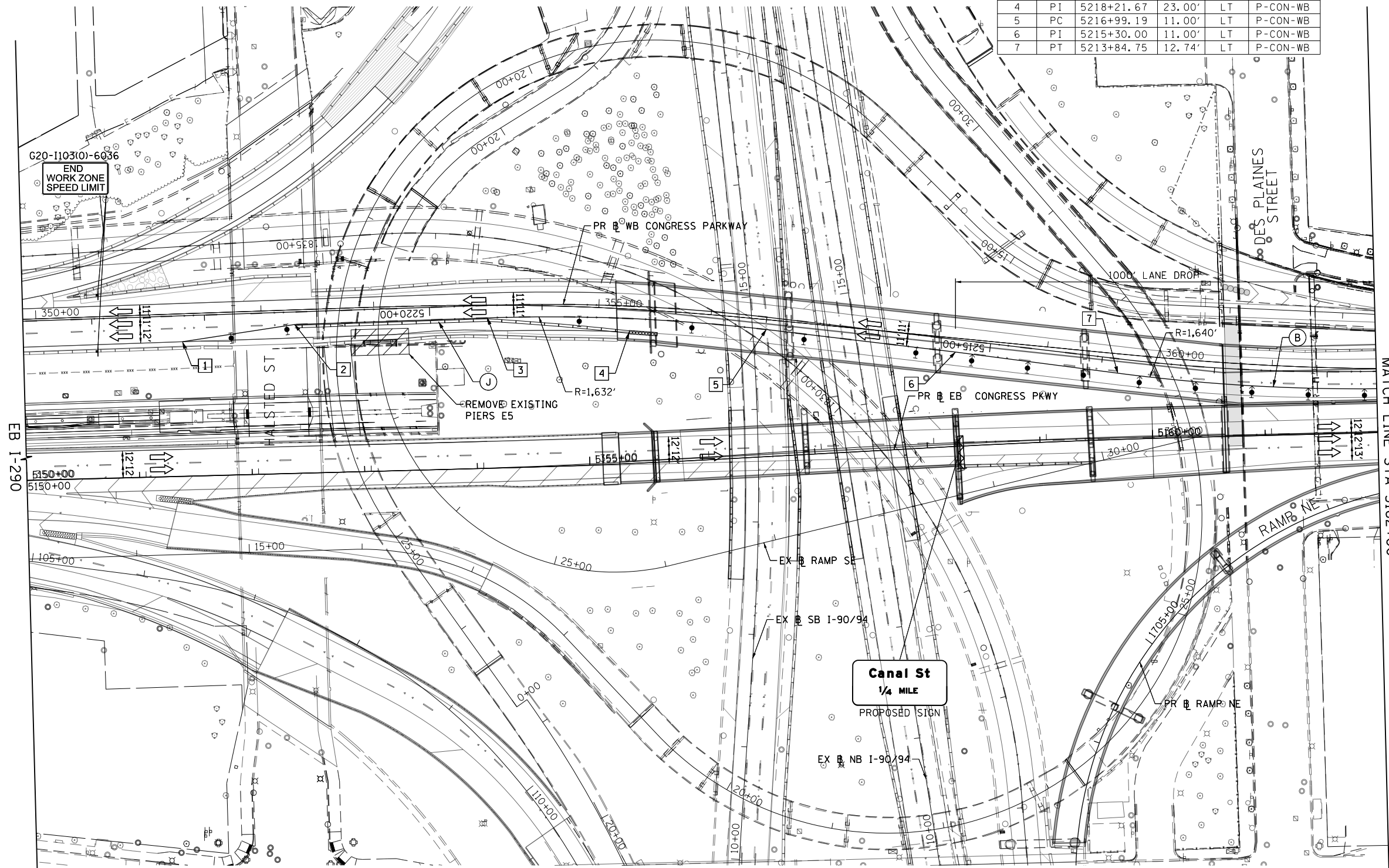


LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
- 50' C-C (TYP) ON TAPERS AND RAMP
- 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- 50' C-C (TYP) ON TAPERS AND RAMP
- POINT LOCATION

PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEST LEVEL 2
- (M) PINNING TEMPORARY CONCRETE BARRIER



NOTES:
 1. CONTRACTOR COOPERATION AND COORDINATION NEEDED BETWEEN CONTRACTS 60X75, 60X77 AND 60X78.

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 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 5/10/2017

DESIGNED - VLJ
 DRAWN - VLJ
 CHECKED - MKW
 DATE - 5/10/2017

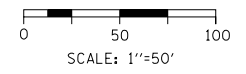
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 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 EASTBOUND I-290 STAGE 3

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 5150+00 TO STA. 5162+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	130
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



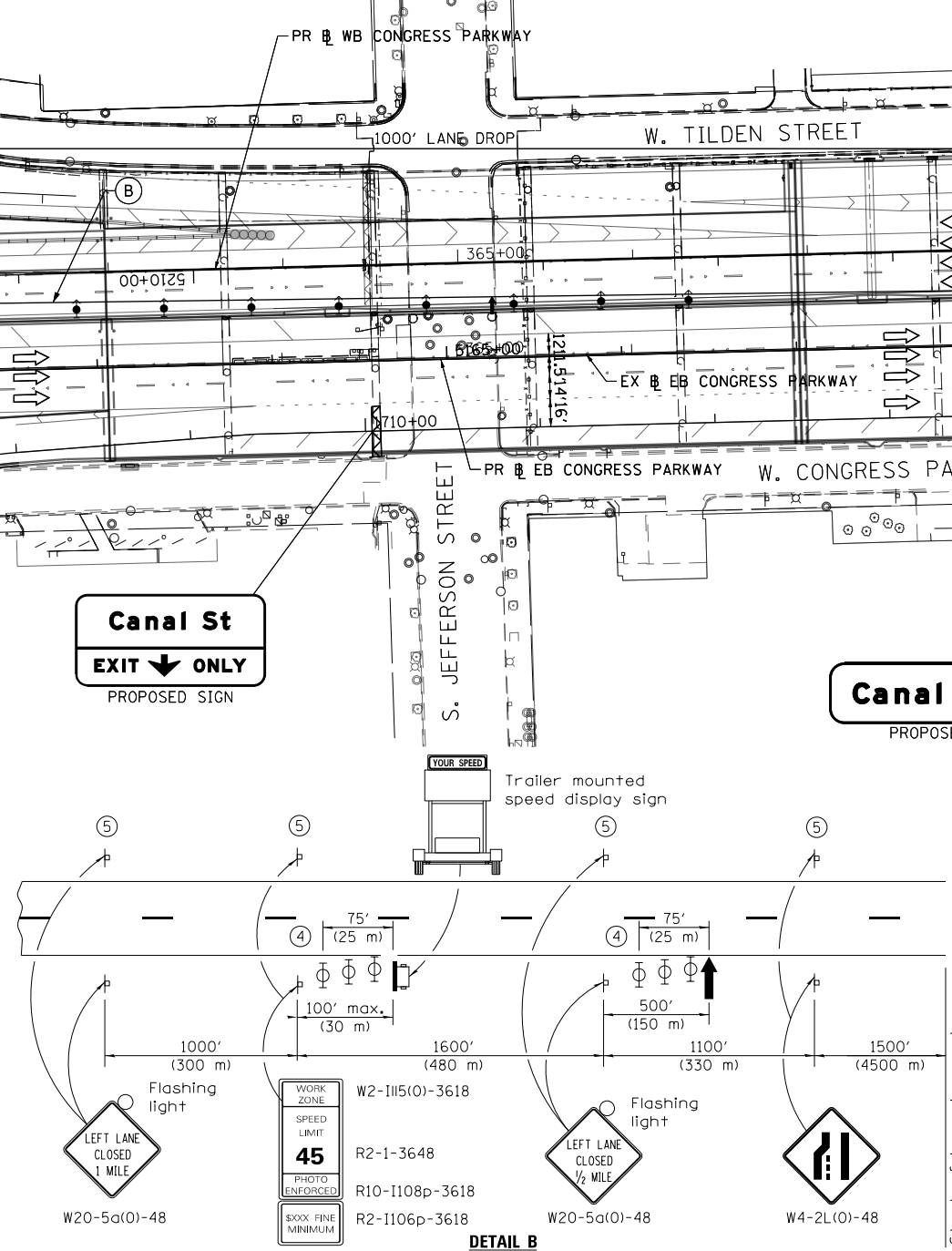
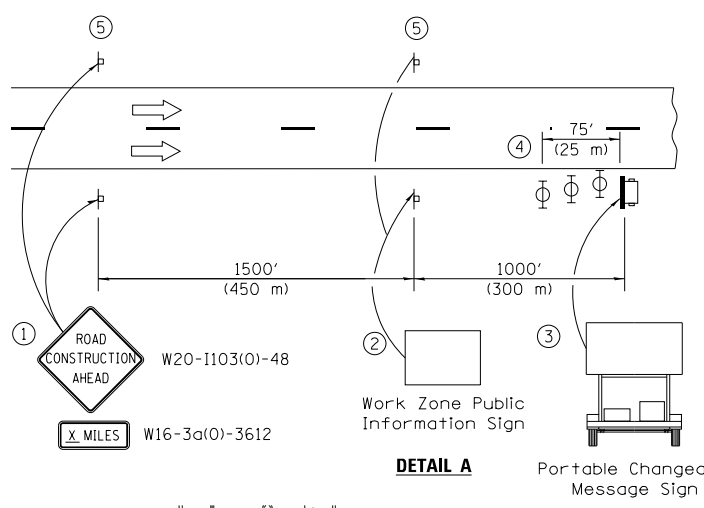
LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- POINT LOCATION

PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

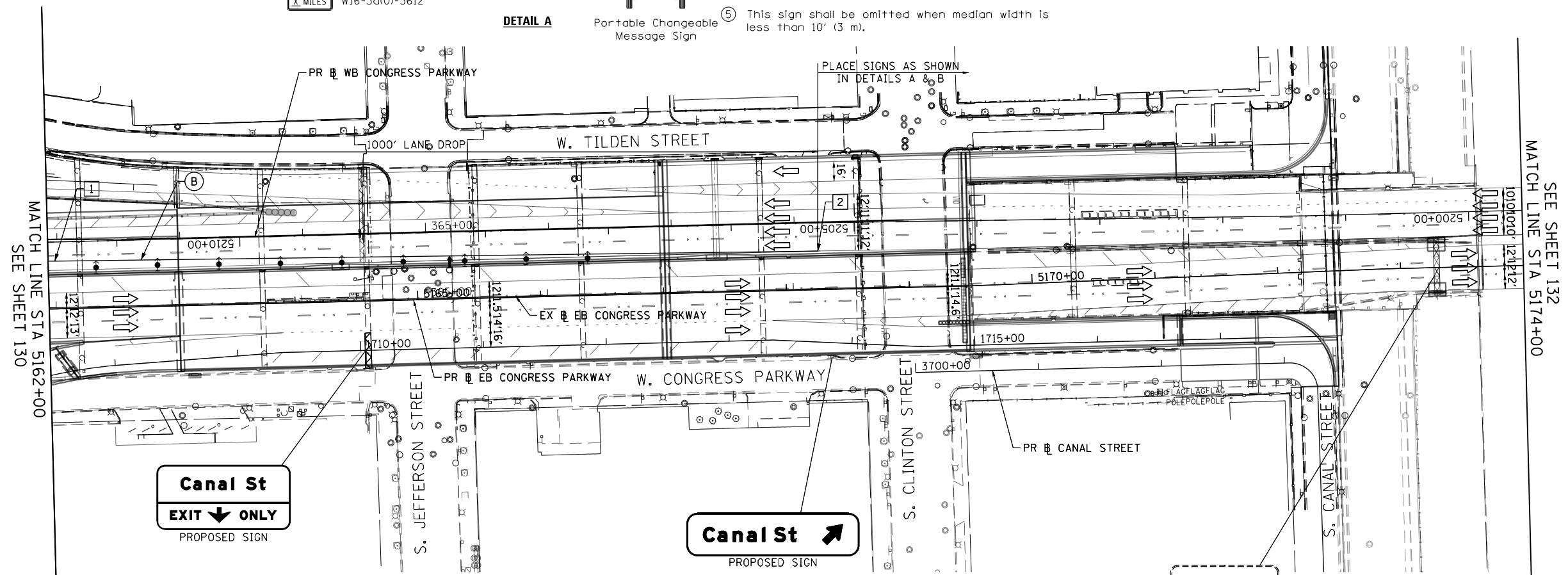
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEST LEVEL 2
- (M) PINNING TEMPORARY CONCRETE BARRIER

- ① The Road Construction Ahead sign shall be located 3 to 5 miles in advance of the project limits.
- ② The message and size of the Work Zone Public Information Sign shall be as specified by the Department.
- ③ The message board shall be used to display status of lanes within the project. The primary messages shall be:
 "Right Lane Closed" / " x Miles Ahead"
 "Left Lane Closed" / " x Miles Ahead"
 "All Lanes Open"
- ④ Three, Type II barricades, drums, or vertical barricades at 25' (8 m) centers.
- ⑤ This sign shall be omitted when median width is less than 10' (3 m).



GEOMETRIC POINTS LOCATIONS / STRIPING INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PC	5211+50.90	15.55'	LT	P-CON-WB
2	POT	5205+30.00	23.00'	LT	P-CON-WB



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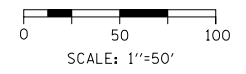
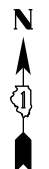
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 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 5/10/2017

DESIGNED - VLJ	REVISED -
DRAWN - VLJ	REVISED -
CHECKED - MKW	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
EASTBOUND I-290 STAGE 3
 SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 5162+00 TO STA. 5174+00

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	131
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

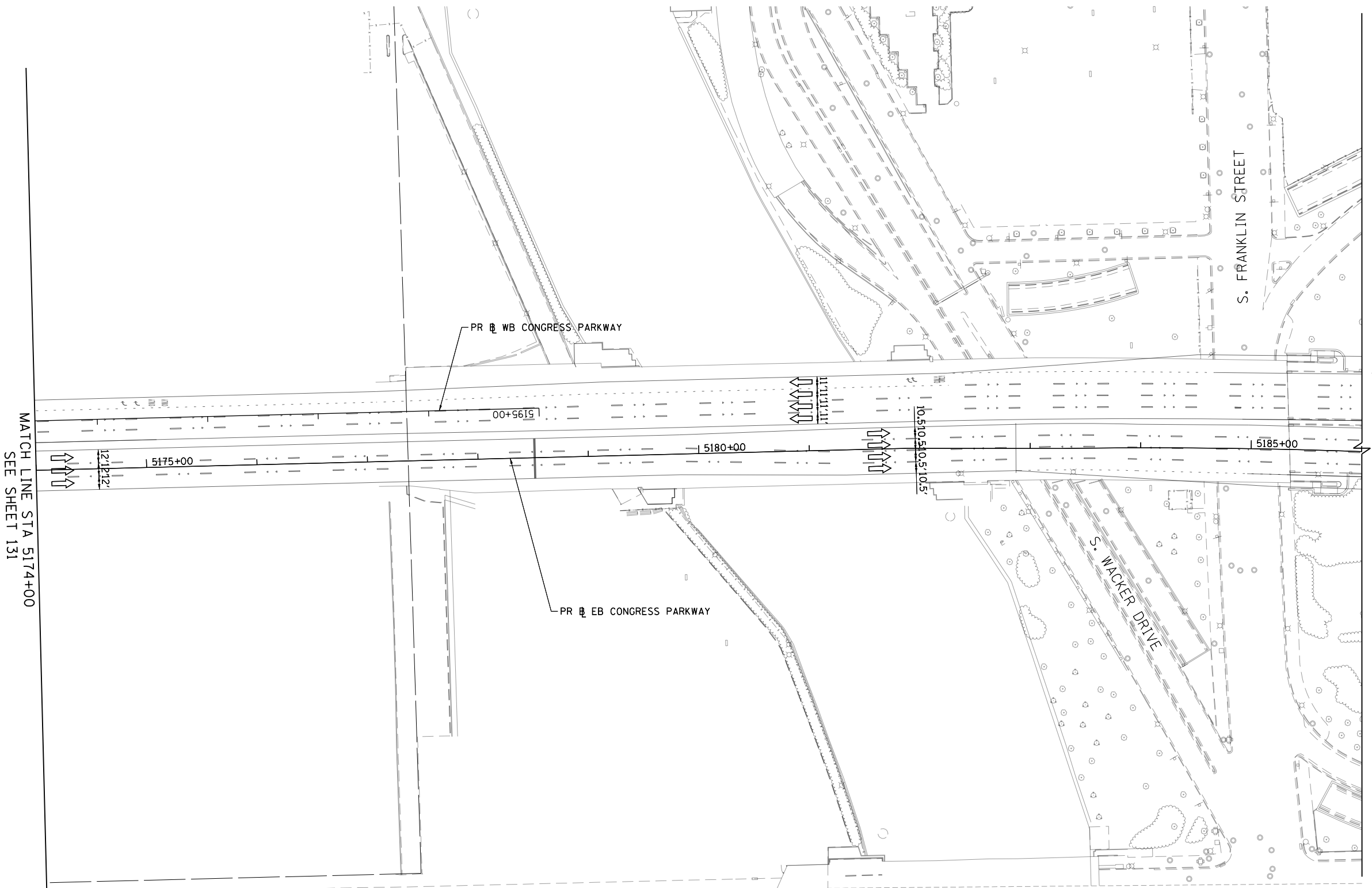


LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT
- @ 50' C-C (TYP) ON TAPERS AND RAMP
- @ 100' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- @ 50' C-C (TYP) ON TAPERS AND RAMP
- POINT LOCATION

PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEST LEVEL 2
- (M) PINNING TEMPORARY CONCRETE BARRIER



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PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

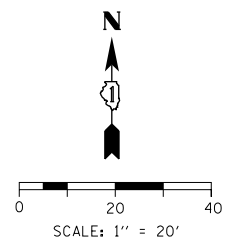
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DRAWN - VLJ	REVISED -
CHECKED - MKW	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
EASTBOUND I-290 STAGE 3**

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 5174+00 TO STA. 5186+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	132
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
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- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 2

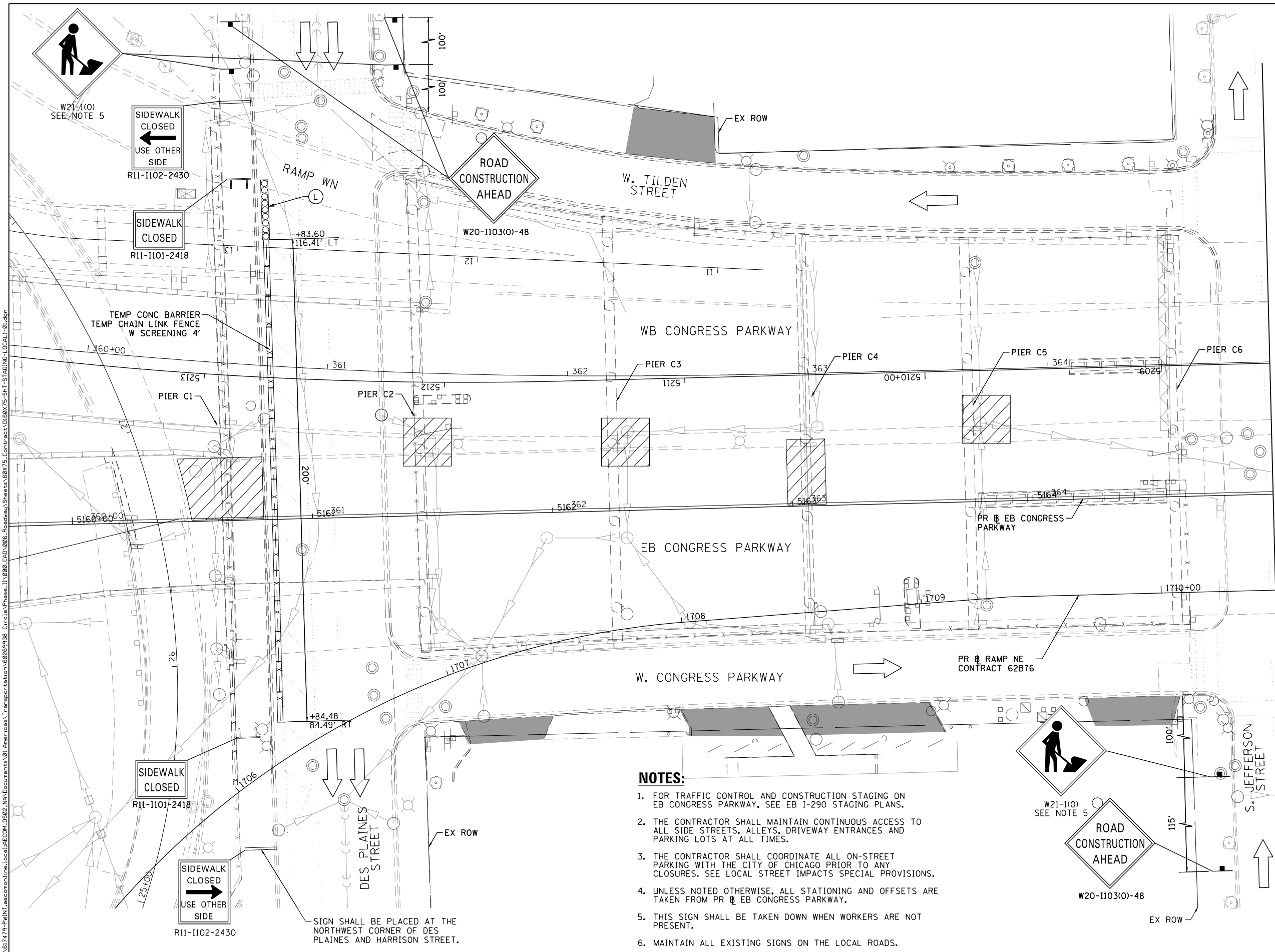
MATCH LINE STA 5165+00
SEE SHEET 134

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMP @ 50' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMP
- DRIVEWAY/ALLEY ENTRANCE (TO REMAIN OPEN AT ALL TIMES)

NOTES:

1. FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING ON EB CONGRESS PARKWAY, SEE EB I-290 STAGING PLANS.
2. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAY ENTRANCES AND PARKING LOTS AT ALL TIMES.
3. THE CONTRACTOR SHALL COORDINATE ALL ON-STREET PARKING WITH THE CITY OF CHICAGO PRIOR TO ANY CLOSURES. SEE LOCAL STREET IMPACTS SPECIAL PROVISIONS.
4. UNLESS NOTED OTHERWISE, ALL STATIONING AND OFFSETS ARE TAKEN FROM PR @ EB CONGRESS PARKWAY.
5. THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
6. MAINTAIN ALL EXISTING SIGNS ON THE LOCAL ROADS.



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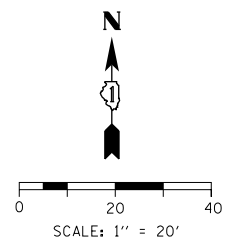
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 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 5/10/2017

DESIGNED - BSH	REVISED -
DRAWN - BSH	REVISED -
CHECKED - MFD	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
LOCAL CONGRESS PARKWAY - STAGES 1B & 1C**
 SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 5160+00 TO STA. 5165+00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	133
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

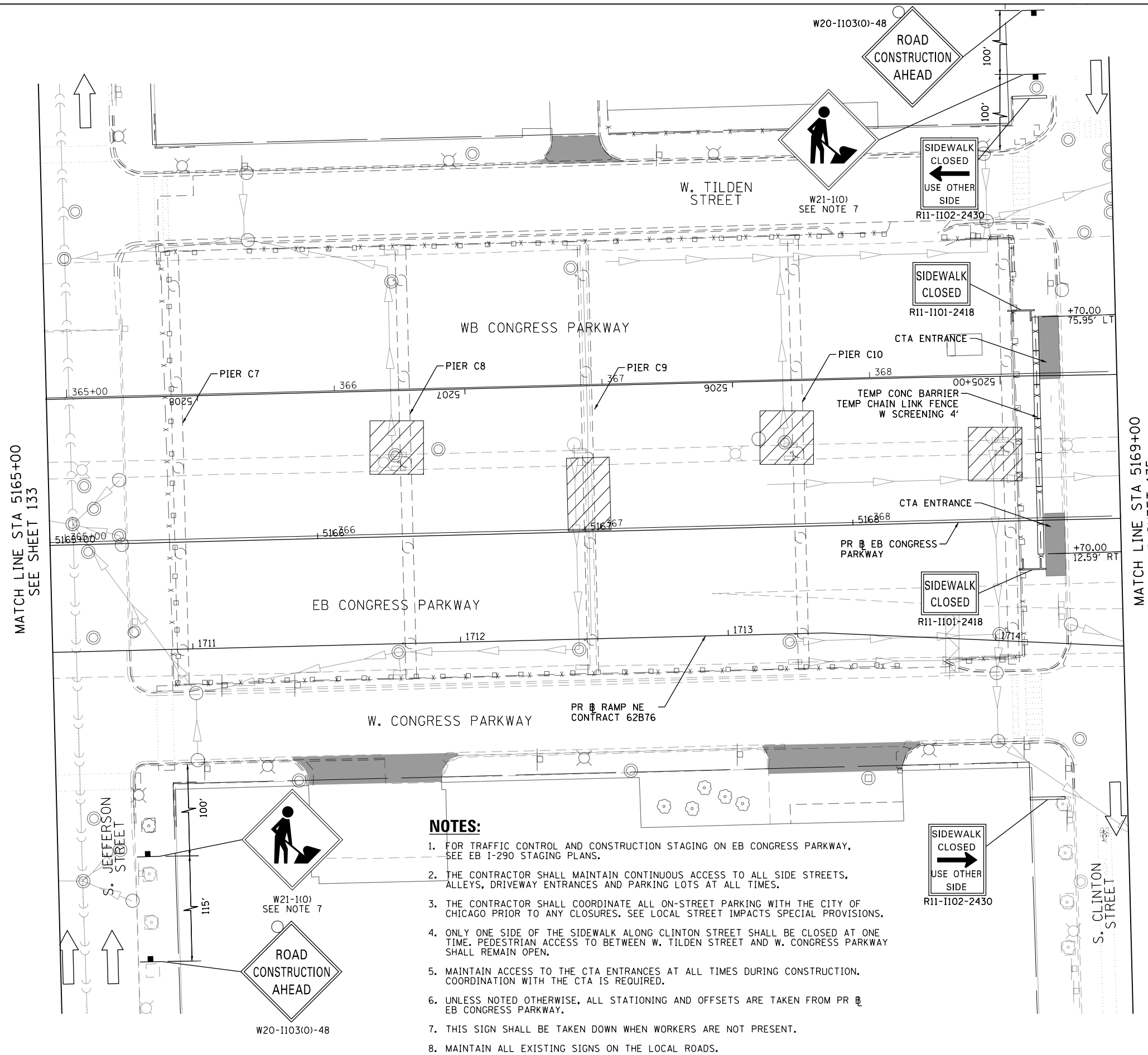


PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 2

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS @ 50' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS
- DRIVEWAY/ALLEY ENTRANCE (TO REMAIN OPEN AT ALL TIMES)



NOTES:

1. FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING ON EB CONGRESS PARKWAY, SEE EB I-290 STAGING PLANS.
2. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAY ENTRANCES AND PARKING LOTS AT ALL TIMES.
3. THE CONTRACTOR SHALL COORDINATE ALL ON-STREET PARKING WITH THE CITY OF CHICAGO PRIOR TO ANY CLOSURES. SEE LOCAL STREET IMPACTS SPECIAL PROVISIONS.
4. ONLY ONE SIDE OF THE SIDEWALK ALONG CLINTON STREET SHALL BE CLOSED AT ONE TIME. PEDESTRIAN ACCESS TO BETWEEN W. TILDEN STREET AND W. CONGRESS PARKWAY SHALL REMAIN OPEN.
5. MAINTAIN ACCESS TO THE CTA ENTRANCES AT ALL TIMES DURING CONSTRUCTION. COORDINATION WITH THE CTA IS REQUIRED.
6. UNLESS NOTED OTHERWISE, ALL STATIONING AND OFFSETS ARE TAKEN FROM PR EB CONGRESS PARKWAY.
7. THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
8. MAINTAIN ALL EXISTING SIGNS ON THE LOCAL ROADS.

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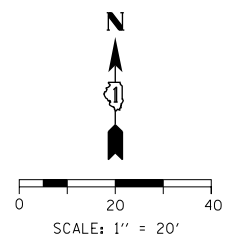
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
LOCAL CONGRESS PARKWAY - STAGES 1B & 1C**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 5165+00 TO STA. 5169+00

F.A.I. RTE. 90/94/290	SECTION 2014-001 R&B	COUNTY COOK	TOTAL SHEETS 696	SHEET NO. 134
CONTRACT NO. 60X75				ILLINOIS FED. AID PROJECT



PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

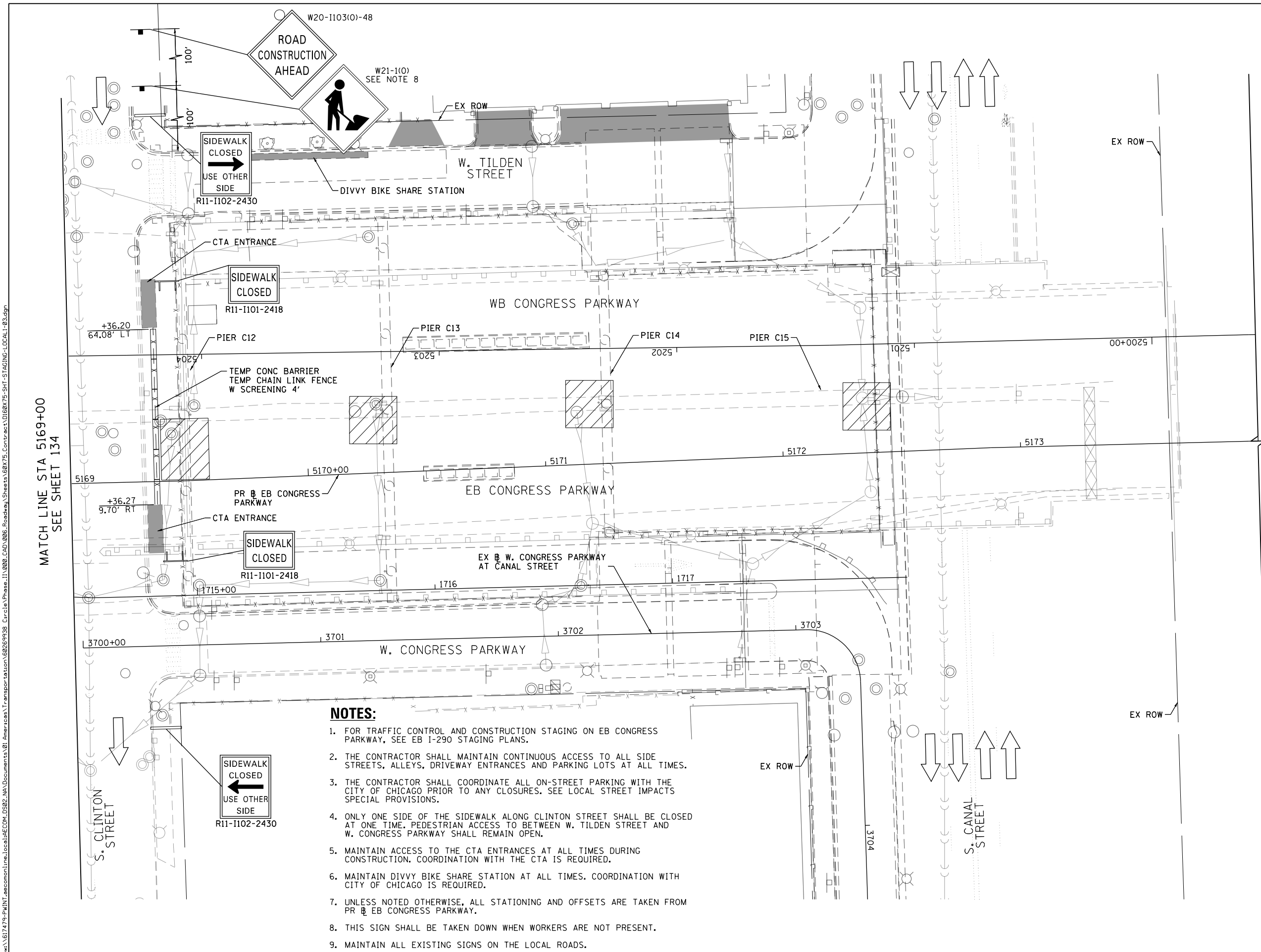
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 2

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS @ 50' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS
- DRIVEWAY/ALLEY ENTRANCE (TO REMAIN OPEN AT ALL TIMES)

NOTES:

1. FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING ON EB CONGRESS PARKWAY, SEE EB I-290 STAGING PLANS.
2. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAY ENTRANCES AND PARKING LOTS AT ALL TIMES.
3. THE CONTRACTOR SHALL COORDINATE ALL ON-STREET PARKING WITH THE CITY OF CHICAGO PRIOR TO ANY CLOSURES. SEE LOCAL STREET IMPACTS SPECIAL PROVISIONS.
4. ONLY ONE SIDE OF THE SIDEWALK ALONG CLINTON STREET SHALL BE CLOSED AT ONE TIME. PEDESTRIAN ACCESS TO BETWEEN W. TILDEN STREET AND W. CONGRESS PARKWAY SHALL REMAIN OPEN.
5. MAINTAIN ACCESS TO THE CTA ENTRANCES AT ALL TIMES DURING CONSTRUCTION. COORDINATION WITH THE CTA IS REQUIRED.
6. MAINTAIN DIVVY BIKE SHARE STATION AT ALL TIMES. COORDINATION WITH CITY OF CHICAGO IS REQUIRED.
7. UNLESS NOTED OTHERWISE, ALL STATIONING AND OFFSETS ARE TAKEN FROM PR EB CONGRESS PARKWAY.
8. THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
9. MAINTAIN ALL EXISTING SIGNS ON THE LOCAL ROADS.



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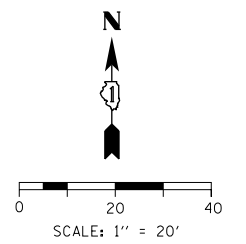
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
LOCAL CONGRESS PARKWAY - STAGES 1B & 1C**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 5169+00 TO STA. 5174+00

F.A.I. RTE. 90/94/290	SECTION 2014-001 R&B	COUNTY COOK	TOTAL SHEETS 696	SHEET NO. 135
CONTRACT NO. 60X75				ILLINOIS FED. AID PROJECT



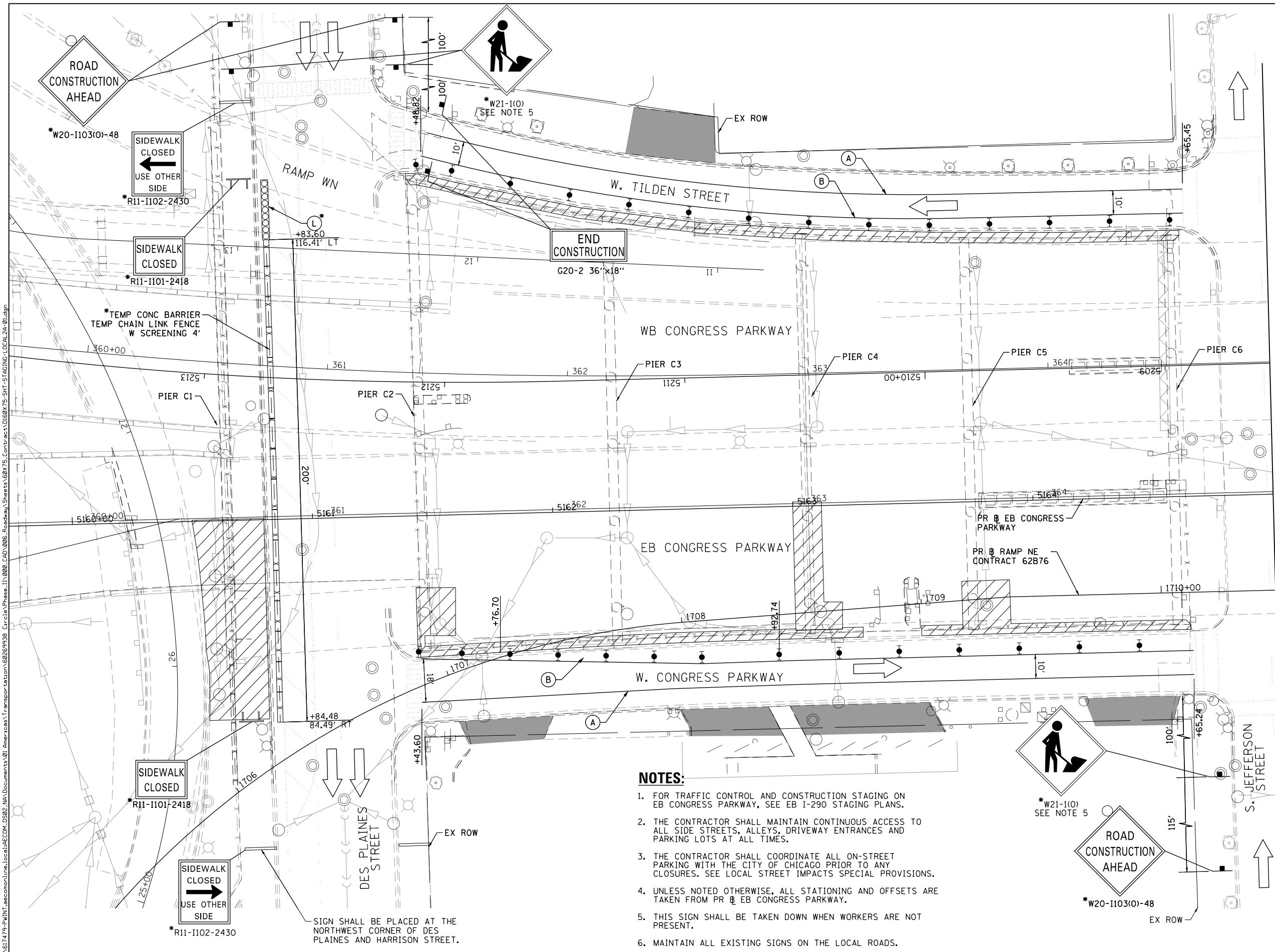
PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 2

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS @ 50' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS
- DRIVEWAY/ALLEY ENTRANCE (TO REMAIN OPEN AT ALL TIMES)

*FROM PREVIOUS STAGE TO REMAIN



NOTES:

1. FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING ON EB CONGRESS PARKWAY, SEE EB I-290 STAGING PLANS.
2. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAY ENTRANCES AND PARKING LOTS AT ALL TIMES.
3. THE CONTRACTOR SHALL COORDINATE ALL ON-STREET PARKING WITH THE CITY OF CHICAGO PRIOR TO ANY CLOSURES. SEE LOCAL STREET IMPACTS SPECIAL PROVISIONS.
4. UNLESS NOTED OTHERWISE, ALL STATIONING AND OFFSETS ARE TAKEN FROM PR EB CONGRESS PARKWAY.
5. THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
6. MAINTAIN ALL EXISTING SIGNS ON THE LOCAL ROADS.

MATCH LINE STA 5165+00
SEE SHEET 137

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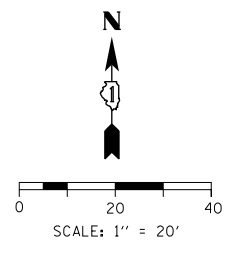
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
LOCAL CONGRESS PARKWAY - STAGES 2A & 2B**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 5160+00 TO STA. 5165+00

F.A.I. RTE. 90/94/290	SECTION 2014-001 R&B	COUNTY COOK	TOTAL SHEETS 696	SHEET NO. 136
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60X75



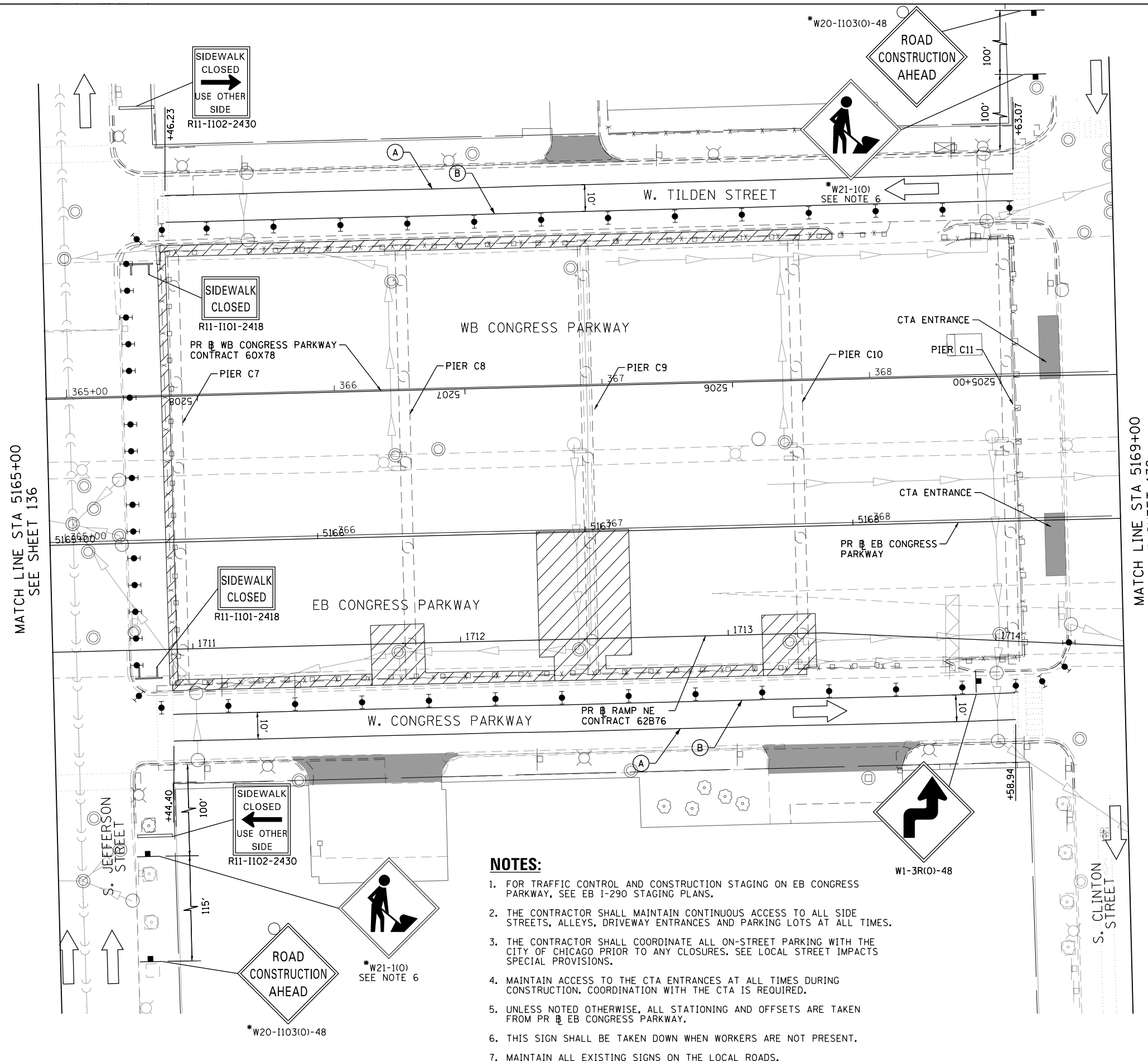
PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 2

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS @ 50' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS
- DRIVEWAY/ALLEY ENTRANCE (TO REMAIN OPEN AT ALL TIMES)

*FROM PREVIOUS STAGE TO REMAIN



NOTES:

1. FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING ON EB CONGRESS PARKWAY, SEE EB I-290 STAGING PLANS.
2. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAY ENTRANCES AND PARKING LOTS AT ALL TIMES.
3. THE CONTRACTOR SHALL COORDINATE ALL ON-STREET PARKING WITH THE CITY OF CHICAGO PRIOR TO ANY CLOSURES. SEE LOCAL STREET IMPACTS SPECIAL PROVISIONS.
4. MAINTAIN ACCESS TO THE CTA ENTRANCES AT ALL TIMES DURING CONSTRUCTION. COORDINATION WITH THE CTA IS REQUIRED.
5. UNLESS NOTED OTHERWISE, ALL STATIONING AND OFFSETS ARE TAKEN FROM PR # EB CONGRESS PARKWAY.
6. THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
7. MAINTAIN ALL EXISTING SIGNS ON THE LOCAL ROADS.

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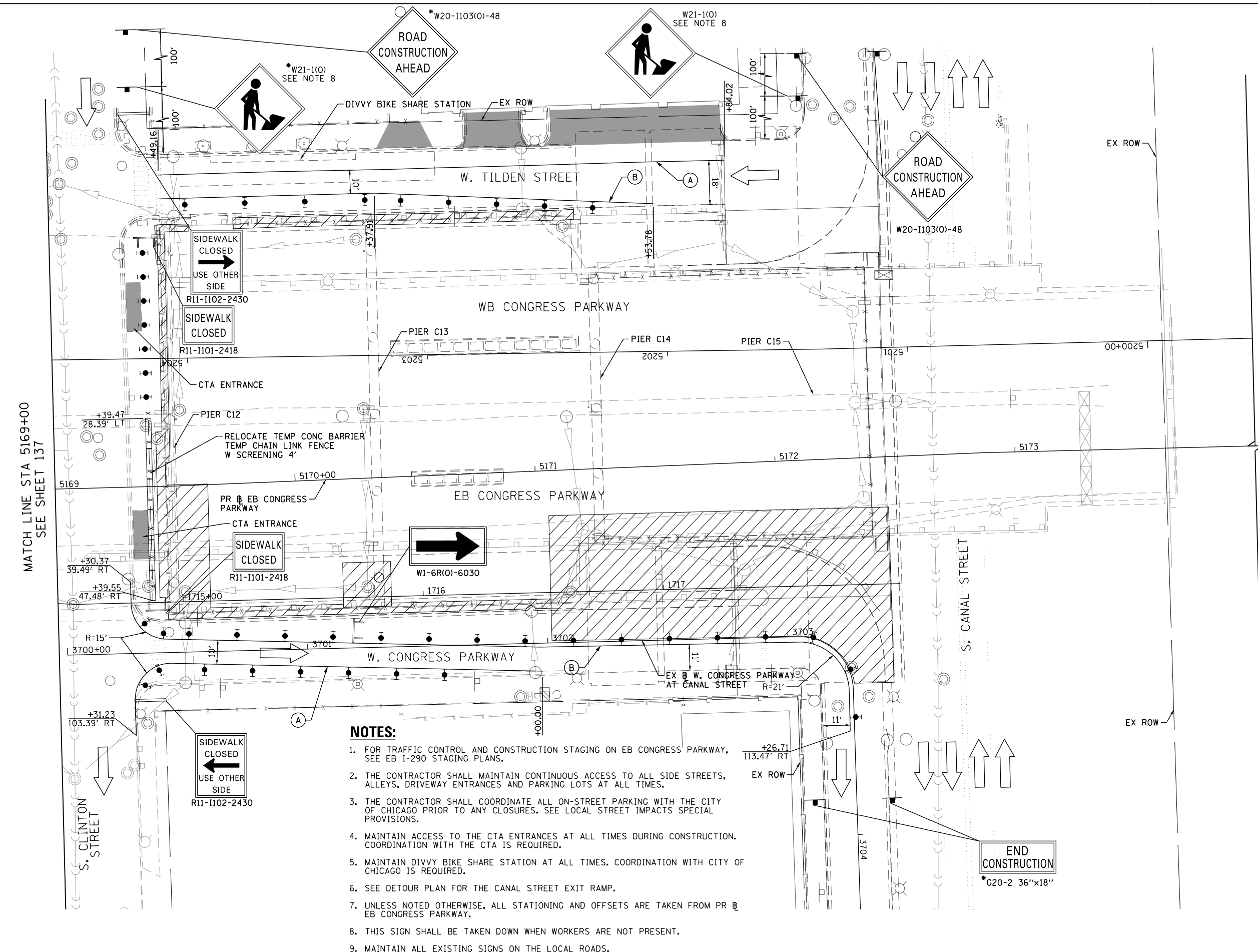
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
LOCAL CONGRESS PARKWAY - STAGES 2A & 2B			
SCALE: 1"=20'	SHEET 2	OF 3 SHEETS	STA. 5165+00 TO STA. 5169+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	137
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				

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PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
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- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 2

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS @ 50' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS
- DRIVEWAY/ALLEY ENTRANCE (TO REMAIN OPEN AT ALL TIMES)

NOTES:

1. FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING ON EB CONGRESS PARKWAY, SEE EB I-290 STAGING PLANS.
2. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAY ENTRANCES AND PARKING LOTS AT ALL TIMES.
3. THE CONTRACTOR SHALL COORDINATE ALL ON-STREET PARKING WITH THE CITY OF CHICAGO PRIOR TO ANY CLOSURES. SEE LOCAL STREET IMPACTS SPECIAL PROVISIONS.
4. MAINTAIN ACCESS TO THE CTA ENTRANCES AT ALL TIMES DURING CONSTRUCTION. COORDINATION WITH THE CTA IS REQUIRED.
5. MAINTAIN DIVVY BIKE SHARE STATION AT ALL TIMES. COORDINATION WITH CITY OF CHICAGO IS REQUIRED.
6. SEE DETOUR PLAN FOR THE CANAL STREET EXIT RAMP.
7. UNLESS NOTED OTHERWISE, ALL STATIONING AND OFFSETS ARE TAKEN FROM PR EB CONGRESS PARKWAY.
8. THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
9. MAINTAIN ALL EXISTING SIGNS ON THE LOCAL ROADS.

MATCH LINE STA 5169+00 SEE SHEET 137



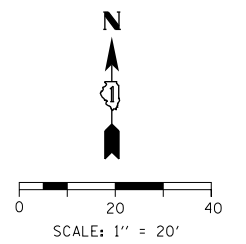
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USER NAME = vjjanachione
PLOT SCALE = 40.0000' / in.
PLOT DATE = 5/10/2017

DESIGNED - BSH	REVISED -
DRAWN - BSH	REVISED -
CHECKED - MFD	REVISED -
DATE - 5/10/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL LOCAL CONGRESS PARKWAY - STAGES 2A & 2B	
SCALE: 1"=20'	SHEET 3 OF 3 SHEETS STA. 5169+00 TO STA. 5174+00

F.A.I. RTE. 90/94/290	SECTION 2014-001 R&B	COUNTY COOK	TOTAL SHEETS 696	SHEET NO. 138
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60X75



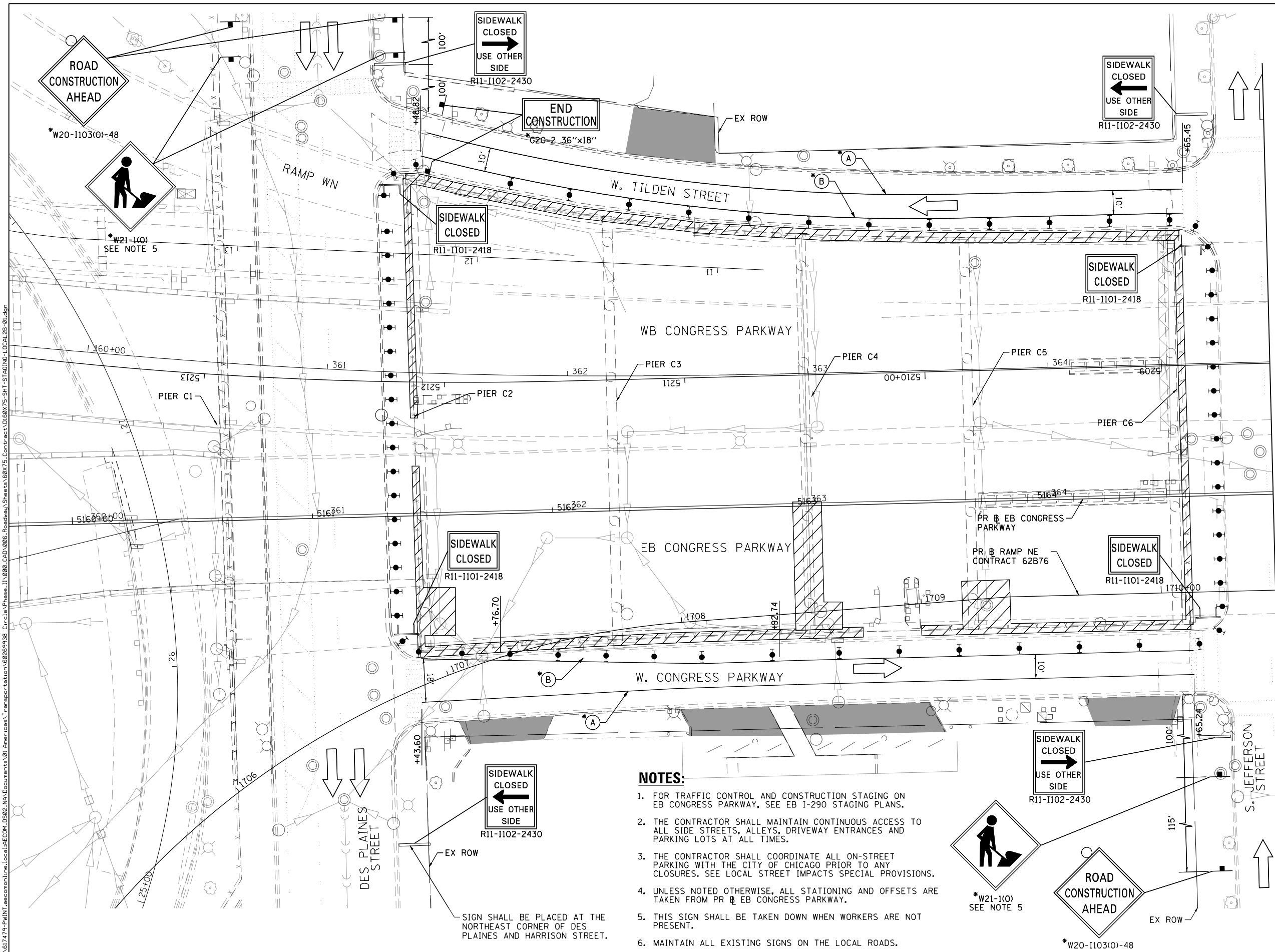
PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
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- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 2

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMP @ 50' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMP
- DRIVEWAY/ALLEY ENTRANCE (TO REMAIN OPEN AT ALL TIMES)

*FROM PREVIOUS STAGE TO REMAIN



NOTES:

1. FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING ON EB CONGRESS PARKWAY, SEE EB I-290 STAGING PLANS.
2. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAY ENTRANCES AND PARKING LOTS AT ALL TIMES.
3. THE CONTRACTOR SHALL COORDINATE ALL ON-STREET PARKING WITH THE CITY OF CHICAGO PRIOR TO ANY CLOSURES. SEE LOCAL STREET IMPACTS SPECIAL PROVISIONS.
4. UNLESS NOTED OTHERWISE, ALL STATIONING AND OFFSETS ARE TAKEN FROM PR & EB CONGRESS PARKWAY.
5. THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
6. MAINTAIN ALL EXISTING SIGNS ON THE LOCAL ROADS.

SIGN SHALL BE PLACED AT THE NORTHEAST CORNER OF DES PLAINES AND HARRISON STREET.

MATCH LINE STA 5165+00 SEE SHEET 140

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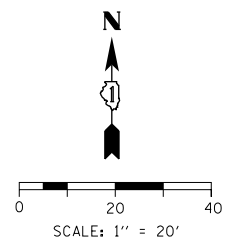
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 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 5/10/2017

DESIGNED - BSH	REVISED -
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CHECKED - MFD	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 LOCAL CONGRESS PARKWAY - STAGES 2A & 2B SUBSTAGE**
 SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 5160+00 TO STA. 5165+00

F.A.I. RTE. 90/94/290	SECTION 2014-001 R&B	COUNTY COOK	TOTAL SHEETS 696	SHEET NO. 139
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X75	



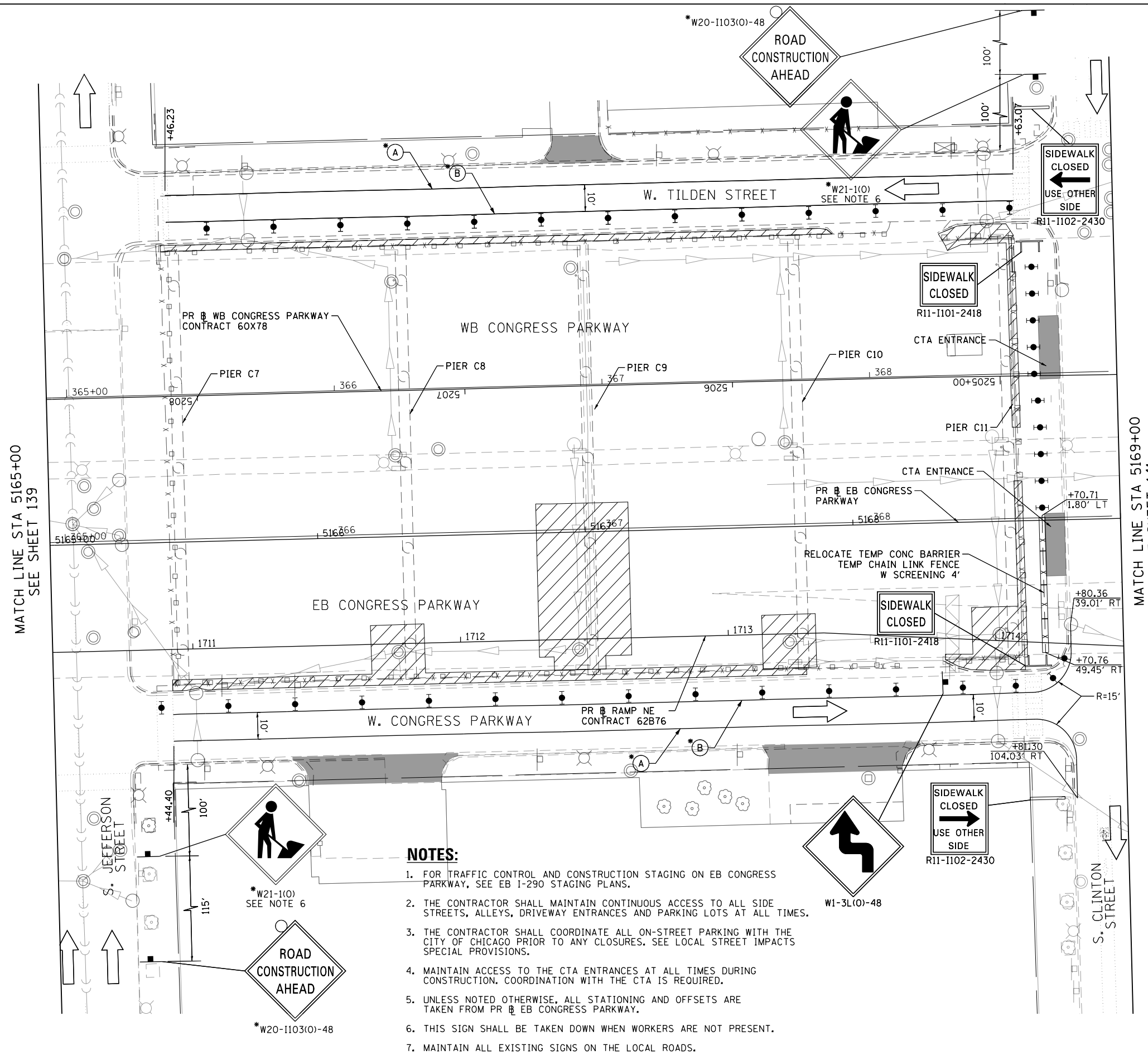
PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (I) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 2

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS @ 50' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS
- DRIVEWAY/ALLEY ENTRANCE (TO REMAIN OPEN AT ALL TIMES)

*FROM PREVIOUS STAGE TO REMAIN



NOTES:

1. FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING ON EB CONGRESS PARKWAY, SEE EB I-290 STAGING PLANS.
2. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAY ENTRANCES AND PARKING LOTS AT ALL TIMES.
3. THE CONTRACTOR SHALL COORDINATE ALL ON-STREET PARKING WITH THE CITY OF CHICAGO PRIOR TO ANY CLOSURES. SEE LOCAL STREET IMPACTS SPECIAL PROVISIONS.
4. MAINTAIN ACCESS TO THE CTA ENTRANCES AT ALL TIMES DURING CONSTRUCTION. COORDINATION WITH THE CTA IS REQUIRED.
5. UNLESS NOTED OTHERWISE, ALL STATIONING AND OFFSETS ARE TAKEN FROM PR EB CONGRESS PARKWAY.
6. THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
7. MAINTAIN ALL EXISTING SIGNS ON THE LOCAL ROADS.

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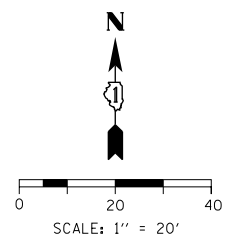
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 PLOT DATE = 5/10/2017

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DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 LOCAL CONGRESS PARKWAY - STAGES 2A & 2B SUBSTAGE**
 SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 5165+00 TO STA. 5169+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	140
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



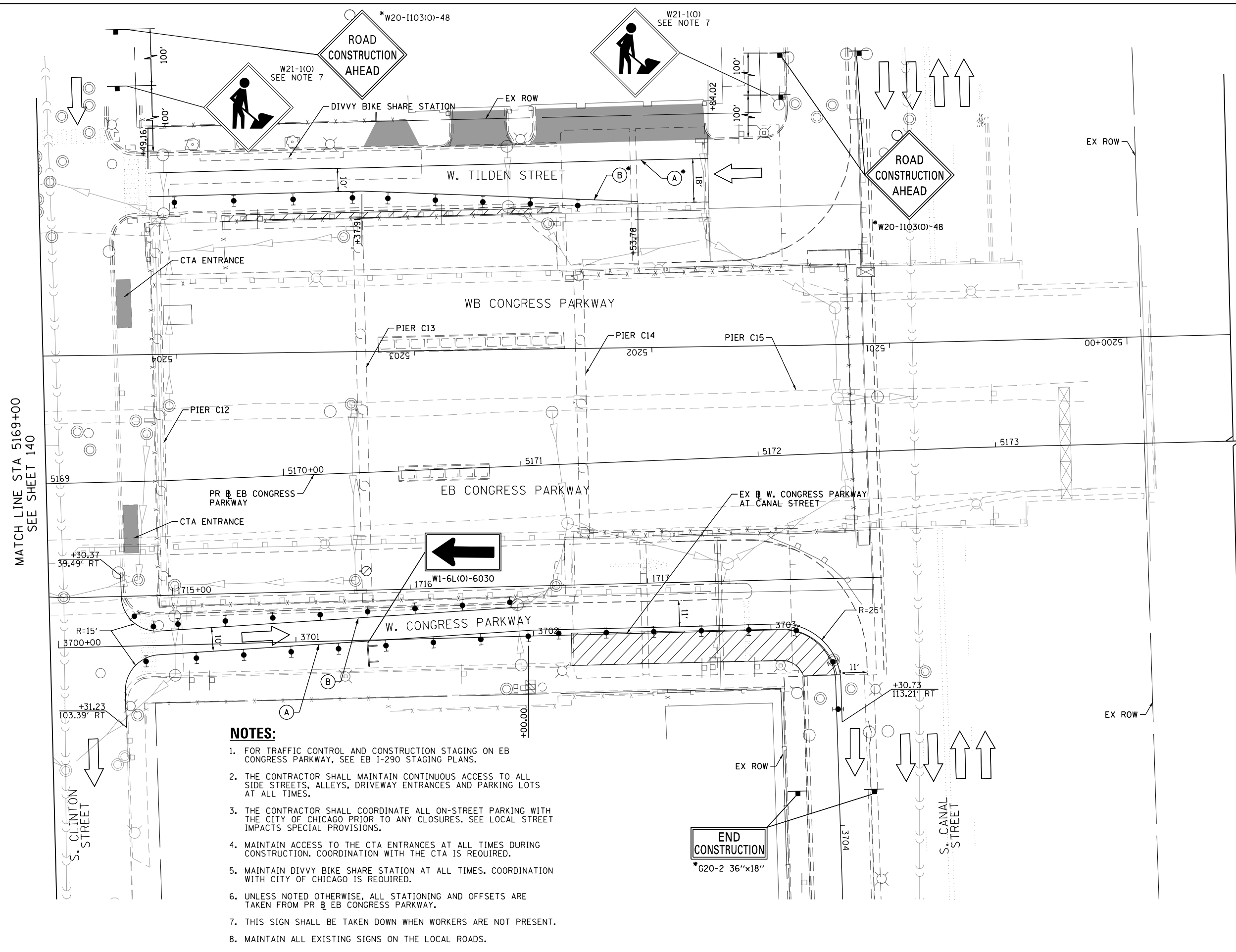
PROPOSED TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
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LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS @ 50' C-C (TYP) ON TANGENTS
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' C-C (TYP) ON TAPERS AND RAMPS
- DRIVEWAY/ALLEY ENTRANCE (TO REMAIN OPEN AT ALL TIMES)

*FROM PREVIOUS STAGE TO REMAIN



NOTES:

1. FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING ON EB CONGRESS PARKWAY, SEE EB I-290 STAGING PLANS.
2. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAY ENTRANCES AND PARKING LOTS AT ALL TIMES.
3. THE CONTRACTOR SHALL COORDINATE ALL ON-STREET PARKING WITH THE CITY OF CHICAGO PRIOR TO ANY CLOSURES. SEE LOCAL STREET IMPACTS SPECIAL PROVISIONS.
4. MAINTAIN ACCESS TO THE CTA ENTRANCES AT ALL TIMES DURING CONSTRUCTION. COORDINATION WITH THE CTA IS REQUIRED.
5. MAINTAIN DIVVY BIKE SHARE STATION AT ALL TIMES. COORDINATION WITH CITY OF CHICAGO IS REQUIRED.
6. UNLESS NOTED OTHERWISE, ALL STATIONING AND OFFSETS ARE TAKEN FROM PR EB CONGRESS PARKWAY.
7. THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
8. MAINTAIN ALL EXISTING SIGNS ON THE LOCAL ROADS.

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DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
LOCAL CONGRESS PARKWAY - STAGES 2A & 2B SUBSTAGE**










SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 5169+00 TO STA. 5174+00

F.A.I. RTE. 90/94/290	SECTION 2014-001 R&B	COUNTY COOK	TOTAL SHEETS 696	SHEET NO. 141
CONTRACT NO. 60X75				ILLINOIS FED. AID PROJECT



EROSION CONTROL GENERAL NOTES

1. THE CONSTRUCTION LIMITS WILL BE STAKED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGES IN CONSTRUCTION LIMITS.
2. EROSION CONTROL ITEMS ARE CONSIDERED HIGH PRIORITY ITEMS IN THIS CONTRACT. THE CONTRACTOR WILL IMPLEMENT ALL PROVISIONS OF SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. THE CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL MEASURES PRIOR TO THE START OF CONSTRUCTION OPERATIONS WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION LIMITS.
3. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
4. TEMPORARY EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS, CONTRACT SPECIAL PROVISIONS AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
5. ALL EROSION CONTROL MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES.
6. THE CONTRACTOR SHALL UTILIZE THE GENERAL MAINTENANCE GUIDELINES AS OUTLINED IN THE SWPPP TO ENSURE GOOD AND EFFECTIVE OPERATING CONDITION OF THE VEGETATION AND EROSION AND SEDIMENT CONTROL MEASURES.
7. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE. ALL CHANGES TO THE SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE NOTED ON THE SITE.
8. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN HIGHWAY STANDARD 280001. STRAW BALES OR SILT FENCE SHALL NOT BE ALLOWED FOR INLET FILTERS.
9. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
10. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
11. THE CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED AFTER EACH SIGNIFICANT SNOWMELT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.
12. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPROVED PER SUB-STAGE AS SOON AS ROUGH GRADING IS ACTIVE IN A SECTION. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF TEMPORARY OR PERMANENT CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NO LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION OF WORK IN AN AREA.
13. MULCH, METHOD 2 AND SURFACE ROUGHENING SHALL BE USED FOR TEMPORARY STABILIZATION DURING WINTER IN ADDITION TO TEMPORARY EROSION CONTROL SEEDING WHEN GRADING WILL OCCUR WHILE THE GROUND IS SNOW COVERED WHEN TEMPORARY SEED WILL NOT GERMINATE AND PROVIDE EROSION CONTROL PROTECTION UNTIL THE FOLLOWING SPRING. SURFACE ROUGHENING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF MULCH, METHOD 2.
14. ANY AREA WHERE THERE IS NO PROPOSED GRADING, THE EXISTING GROUND COVER SHALL REMAIN.
15. TEMPORARY STOCKPILE LOCATIONS SHALL BE APPROVED BY THE ENGINEER AND WILL REQUIRE SILT FENCE AND TEMPORARY SEEDING.
16. THE CONTRACTOR SHALL INSTALL AND MAINTAIN INLET FILTERS AT ALL EXISTING INLETS ADJACENT TO THE EDGE OF PAVEMENT PRIOR TO THE START OF PRE-STAGE WORK. THE INLET FILTERS SHALL BE MAINTAINED AT EACH SUBSEQUENT STAGE UNTIL NO LONGER REQUIRED OR AS DIRECTED BY THE ENGINEER. THE INSTALLATION, MAINTENANCE AND ROUTINE CLEANING OF INLET FILTERS ARE INCLUDED IN THE COST OF INLET FILTERS.
17. THE CONTRACTOR SHALL IMMEDIATELY INSTALL AND MAINTAIN INLET FILTERS AT ALL NEW OPEN LID INLETS AND DRAINAGE STRUCTURES. THE INLET FILTERS SHALL BE MAINTAINED AT EACH SUBSEQUENT STAGE UNTIL COMPLETION OF STAGING OR UNTIL NO LONGER REQUIRED. THE INSTALLATION, MAINTENANCE AND ROUTINE CLEANING OF INLET FILTERS ARE INCLUDED IN THE COST OF INLET FILTERS.
18. DURING CONSTRUCTION OPERATIONS, WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.
19. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST INLET FILTERS.
20. THE CONTRACTOR SHOULD PROVIDE TO THE RESIDENT ENGINEER A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
21. LOCATIONS OF THE STABILIZED CONSTRUCTION ENTRANCE/EXITS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE INSTALLATION OF THE CONSTRUCTION ENTRANCE/EXITS SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL OR AS DIRECTED BY THE ENGINEER.
22. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INSTALLED ON ALL AREAS DISTURBED DURING EACH STAGE OF CONSTRUCTION PRIOR TO SWITCHING TRAFFIC TO BEGIN THE SUBSEQUENT STAGE. ALSO, ALL EROSION CONTROL MEASURES PLACED DURING CONSTRUCTION SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL COMPLETION OF THE FINAL STAGE OF CONSTRUCTION OR WHEN NO LONGER REQUIRED.
23. FOR PERMANENT EROSION CONTROL, THE CONTRACTOR SHALL PLACE TOPSOIL SO THAT IT HAS A BOND WITH THE EXISTING SURFACE TO WHICH IT IS APPLIED, IT SHALL BE DISKED OR RAKED OR OTHERWISE BROKEN UP IF NECESSARY TO PROVIDE SUCH BOND. EXISTING DRAINAGE PATTERNS SHALL BE MAINTAINED AND EXISTING STRUCTURE RIMS SHALL NOT BE COVERED. EXISTING VEGETATION SHALL NOT BE COVERED. BONDING TOPSOIL IS INCLUDED IN THE COST OF THE TOPSOIL FURNISH AND PLACE, 4" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
24. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDING AT ONE TIME.
25. THE CONTRACTOR SHALL COORDINATE OVERLAPPING WORK AREAS, SEQUENCING OF CONSTRUCTION, AND THE PLACEMENT AND MAINTENANCE OF EROSION CONTROL MEASURES WITH ADJACENT CONTRACT(S) AND AT THE DIRECTION OF THE ENGINEER.

TEMPORARY EROSION CONTROL LEGEND

-  INLET FILTER
-  INLET FILTER (TO REMAIN FROM PREVIOUS STAGE)
-  PERIMETER EROSION BARRIER
-  TEMPORARY FENCE
-  MULCH, METHOD 2
TEMPORARY EROSION CONTROL SEEDING OR
SURFACE ROUGHENING (SEE NOTE 13)
-  MULCH, METHOD 4
SURFACE ROUGHENING
-  PROTECTION OF EXISTING TREES
(PAID FOR AS TEMPORARY FENCE, TREE TRUNK PROTECTION
AND TREE PRUNING)
-  WORK ZONE
-  TEMPORARY DRAINAGE SYSTEM

PERMANENT EROSION CONTROL LEGEND

-  EROSION CONTROL BLANKET
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
TOPSOIL FURNISH AND PLACE, 4"
-  AGGREGATE SURFACE COURSE, TYPE B - 4"

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PLOT DATE = 5/11/2017	DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL GENERAL NOTES

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	142
CONTRACT NO. 60X75			ILLINOIS FED. AID PROJECT	

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TEMPORARY EROSION CONTROL SCHEDULE

STAGE	LOCATION	TEMPORARY FENCE	TREE TRUNK PROTECTION	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)	SUPPLEMENTAL WATERING	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	MULCH, METHOD 4	TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER	INLET FILTERS
		FOOT	EACH	EACH	EACH	UNIT	POUND	POUND	ACRE	ACRE	POUND	FOOT	EACH
STAGE 1	5155+11.54 - 5162+00	150	3	10	10	1.2	1	1	1.61	0.47	161	1989	37
	5162+00 - 5169+48.43	2458	-	-	-	-	-	-	-	-	-	-	21
STAGE 2	5155+13.29 - 5162+00	850	17	-	-	-	1	1	1.34	-	134	756	-
	5162+00 - 5169+48.43	2458	-	-	-	-	-	-	-	-	-	-	-
ROUNDED TOTAL		5,916	20	10	10	1.2	2	2	3.00	0.50	300	2,745	58

NOTES:

- TOTAL QUANTITY FOR TEMPORARY FENCE INCLUDES THE LENGTH REQUIRED FOR TREE PROTECTION. SEE SHEET 26 FOR TREE PROTECTION LOCATIONS.

PERMANENT EROSION CONTROL SCHEDULE

	STATION RANGE	TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	AGGREGATE SURFACE COURSE, TYPE B
		SQ YD	ACRE	POUND	POUND	SQ YD	CU YD
PERMANENT CONDITION	5155+11.54 - 5162+00	12,100	2.44	225	225	12,100	229
	5162+00 - 5169+48.43	-	-	-	-	-	-
ROUNDED TOTAL		12,100	2.50	225	225	12,100	229

INLET FILTERS SCHEDULE (STAGE 1)

LOCATION		ALIGNMENT	AMOUNT (EACH)
STATION	OFFSET		
SHEET 1			
5156+08.46	28.72' RT	P-CON-EB	1
5156+24.95	55.21' RT	P-CON-EB	1
5156+28.93	67.88' LT	P-CON-EB	1
5156+56.01	260.30' RT	P-CON-EB	1
5156+82.73	31.95' RT	P-CON-EB	1
5156+96.78	22.89' LT	P-CON-EB	1
5156+96.80	13.18' RT	P-CON-EB	1
5157+17.55	30.93' LT	P-CON-EB	1
5157+25.10	41.29' RT	P-CON-EB	1
5157+42.45	163.33' RT	P-CON-EB	1
5157+55.47	282.05' RT	P-CON-EB	1
5157+59.97	246.48' LT	P-CON-EB	1
5157+79.16	137.78' LT	P-CON-EB	1
5157+90.72	69.97' RT	P-CON-EB	1
5157+91.65	35.24' LT	P-CON-EB	1
5158+81.00	60' RT	P-CON-EB	1
5159+03.66	40.98' RT	P-CON-EB	1
5159+04.61	42.85' LT	P-CON-EB	1
5159+04.92	27.56' LT	P-CON-EB	1
5159+07.12	117.27' LT	P-CON-EB	1
5159+49.02	21.16' LT	P-CON-EB	1
5159+49.40	32.01' RT	P-CON-EB	1
5159+79.32	40.50' RT	P-CON-EB	1
5160+06.29	122.12' RT	P-CON-EB	1
5160+23.86	2.11' LT	P-CON-EB	1
5160+26.09	9.94' RT	P-CON-EB	1
5160+45.77	5.47' LT	P-CON-EB	1
5160+47.72	4.75' RT	P-CON-EB	1
5160+58.78	53.47' RT	P-CON-EB	1
5160+58.91	22.90' RT	P-CON-EB	1
5160+59.41	72.31' RT	P-CON-EB	1
5160+59.74	30.93' LT	P-CON-EB	1
5161+29.79	42.26' LT	P-CON-EB	1
5161+51.95	32.69' LT	P-CON-EB	1
5161+51.95	45.27' RT	P-CON-EB	1
5161+69.07	59.05' RT	P-CON-EB	1
5161+97.30	10.60' RT	P-CON-EB	1
5162+29.89	43.12' RT	P-CON-EB	1
5162+30.75	11.44' RT	P-CON-EB	1
5162+31.95	32.73' LT	P-CON-EB	1
5162+55.88	47.04' RT	P-CON-EB	1
5163+10.49	44.13' RT	P-CON-EB	1
5163+10.95	32.75' LT	P-CON-EB	1
5163+13.42	49.41' RT	P-CON-EB	1
5163+17.24	56.30' RT	P-CON-EB	1
5163+79.02	32.71' LT	P-CON-EB	1
5165+53.17	56.52' RT	P-CON-EB	1
5166+96.63	32.73' LT	P-CON-EB	1
5168+52.27	56.56' RT	P-CON-EB	1
5168+52.80	31.73' LT	P-CON-EB	1
5169+51.85	57.13' RT	P-CON-EB	1
5170+96.00	58' RT	P-CON-EB	1
5170+97.00	84' RT	P-CON-EB	1
5171+14.00	22.09' LT	P-CON-EB	1
5171+18.67	24.90' RT	P-CON-EB	1
5171+81.98	52.25' RT	P-CON-EB	1
5172+33.50	25.74' RT	P-CON-EB	1
5156+67.92	161.42' RT	P-CON-EB	1
SUBTOTAL			58
SHEET 2			
-			0
SUBTOTAL			0
TOTAL			58



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 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 5/11/2017

DESIGNED - BSH
 DRAWN - MBM
 CHECKED - MFD
 DATE - 5/10/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

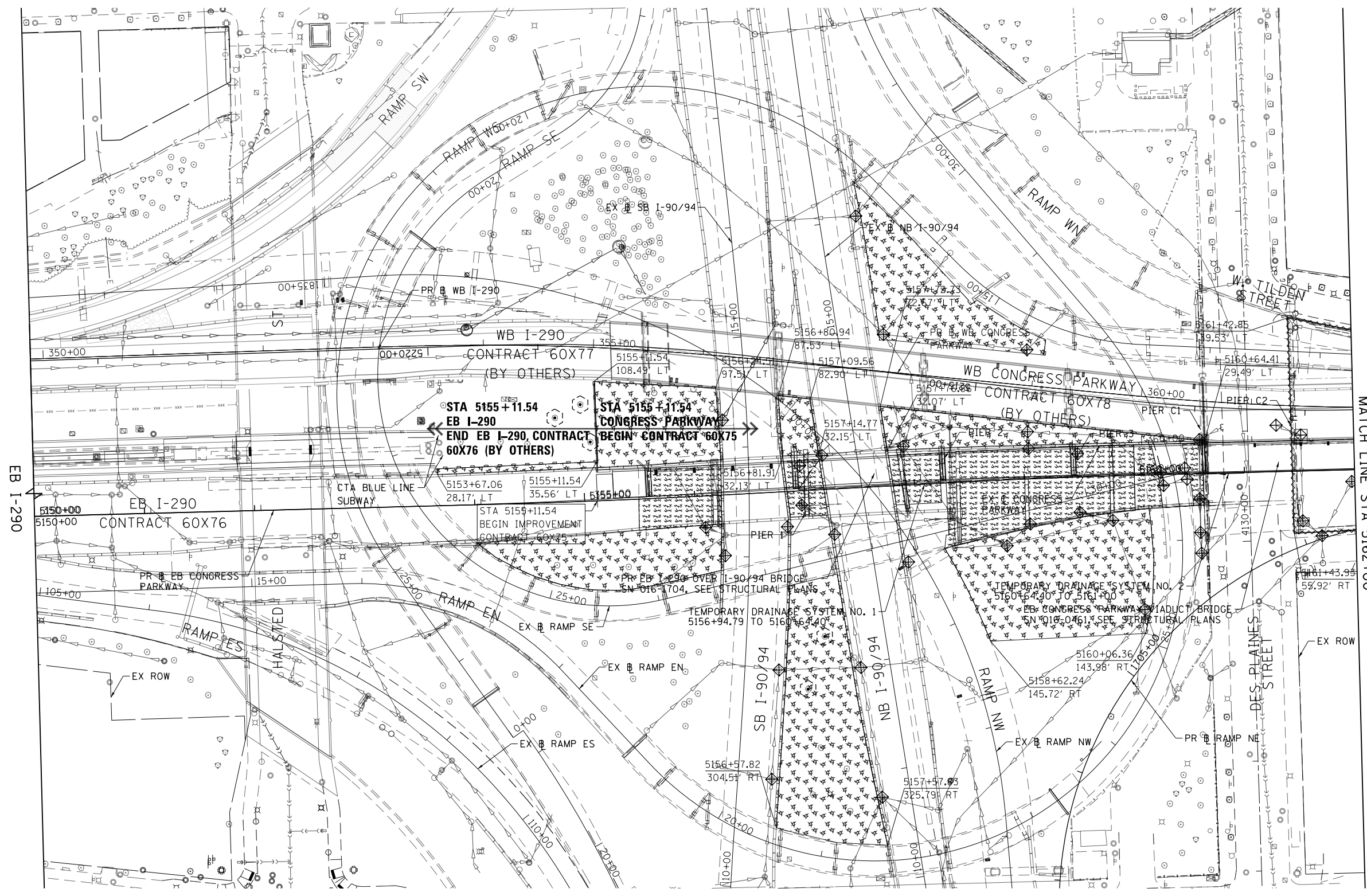
EROSION CONTROL SCHEDULE

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	143
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



0 50 100
SCALE: 1"=50'



EB I-290

MATCH LINE STA 5162+00
SEE SHEET 145

FILE PATH = p:\61749-P\MINT\ascomon\line\local\60X75-EB I-290 CONGRESS PARKWAY\60X75-SHT-EROS-STAGE1-01.dgn



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PLOT DATE = 5/11/2017

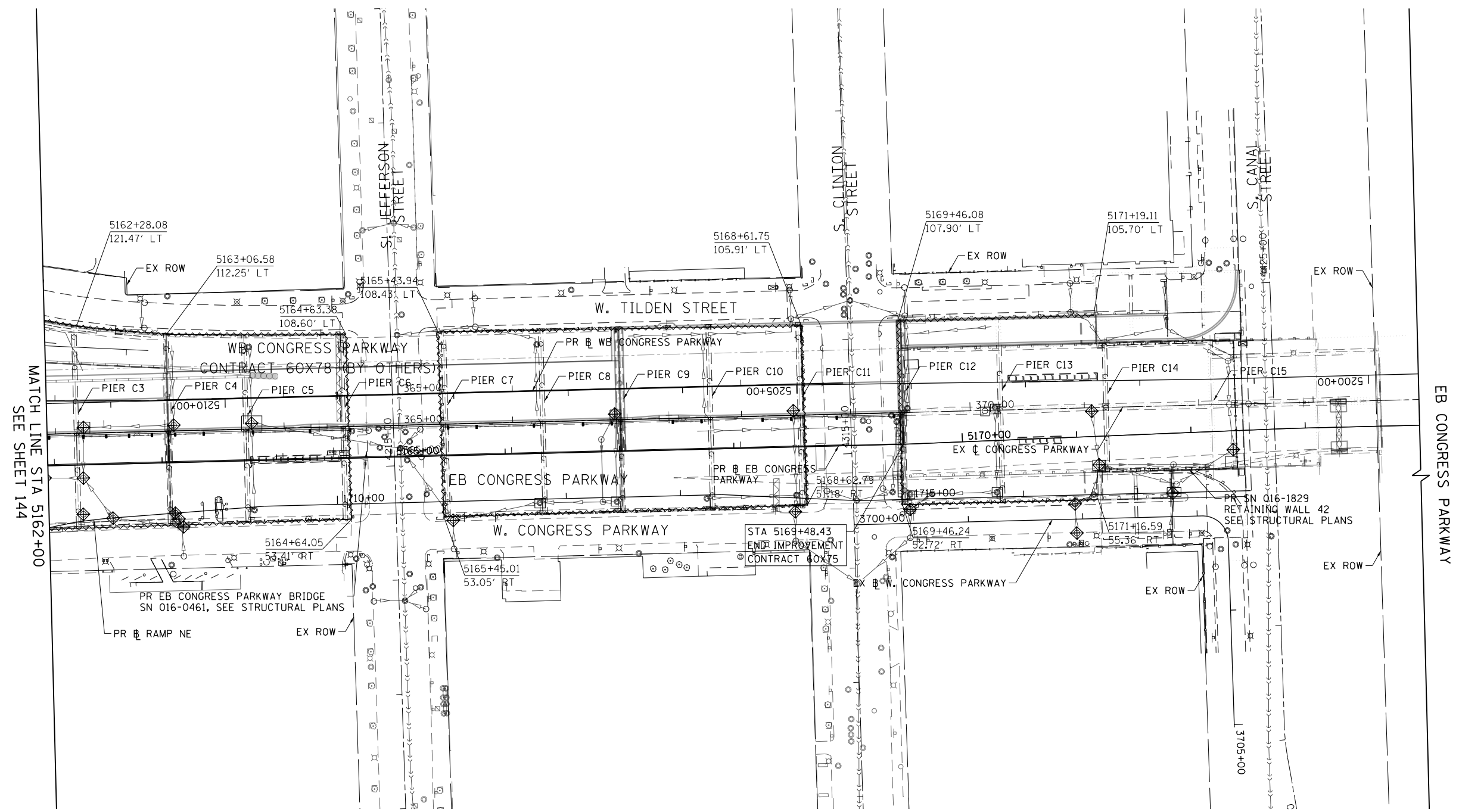
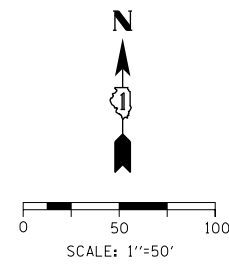
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DRAWN - BAW	REVISED -
CHECKED - JMG	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-290 CONGRESS PARKWAY
EROSION CONTROL PLAN STAGES 1A / 1B / 1C**

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 5150+00 TO STA. 5162+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	144
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



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MATCH LINE STA 5162+00
SEE SHEET 144



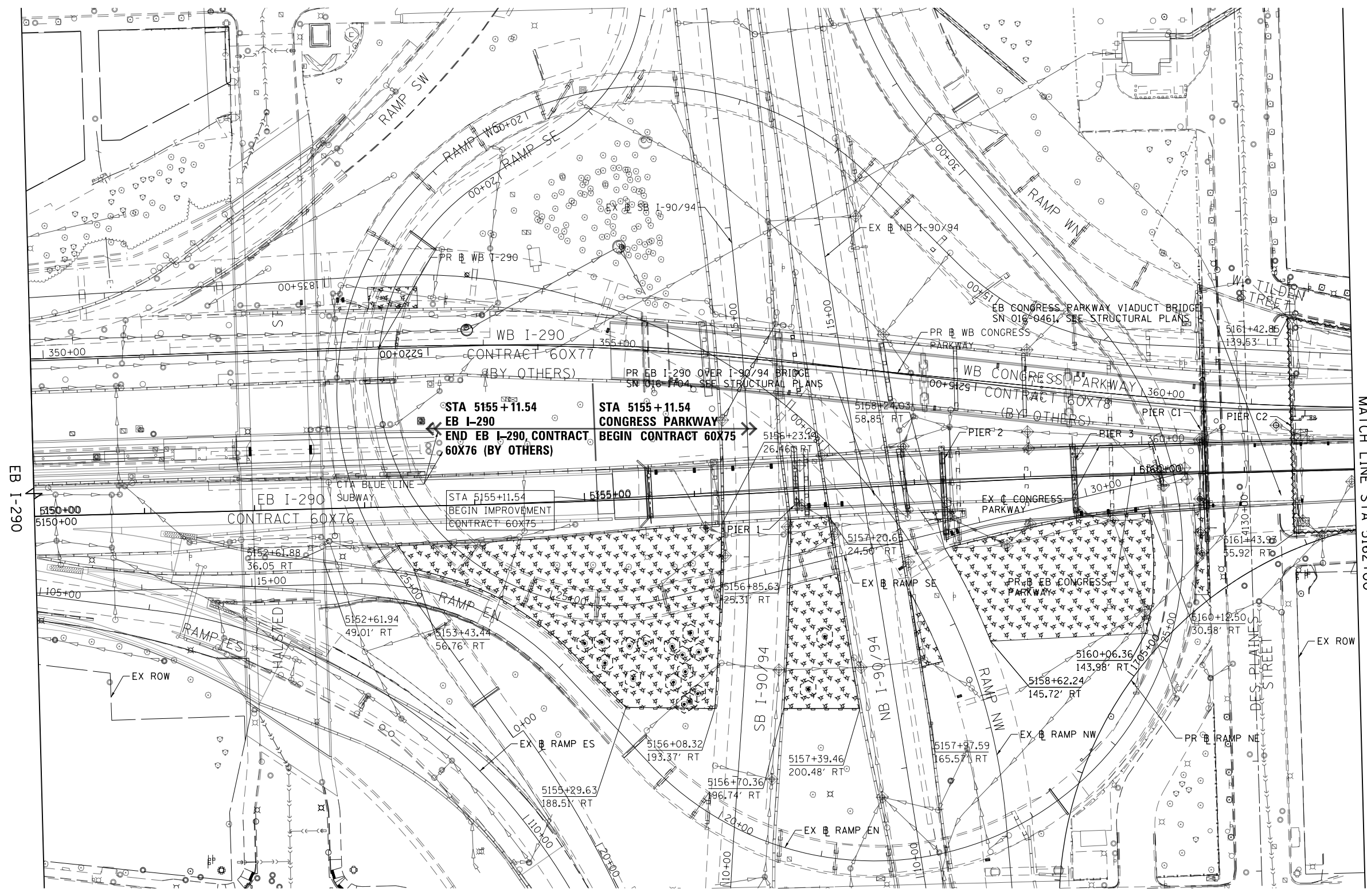
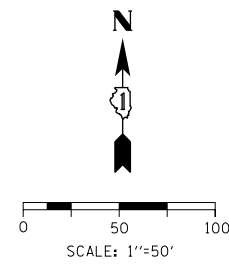
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USER NAME = v1janachione
PLOT SCALE = 100.0000' / in.
PLOT DATE = 5/11/2017

DESIGNED - MKW	REVISED -
DRAWN - BAW	REVISED -
CHECKED - JMG	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EB I-290 CONGRESS PARKWAY EROSION CONTROL PLAN STAGES 1A /1B /1C			
SCALE: 1"=50'	SHEET 2	OF 2 SHEETS	STA. 5162+00 TO STA. 5174+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	145
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 5162+00
SEE SHEET 147

FILE PATH = p:\617479-PMINT-eros-stage2-01.dgn



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 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 5/11/2017

DESIGNED - MKW	REVISED -
DRAWN - BAW	REVISED -
CHECKED - JMG	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

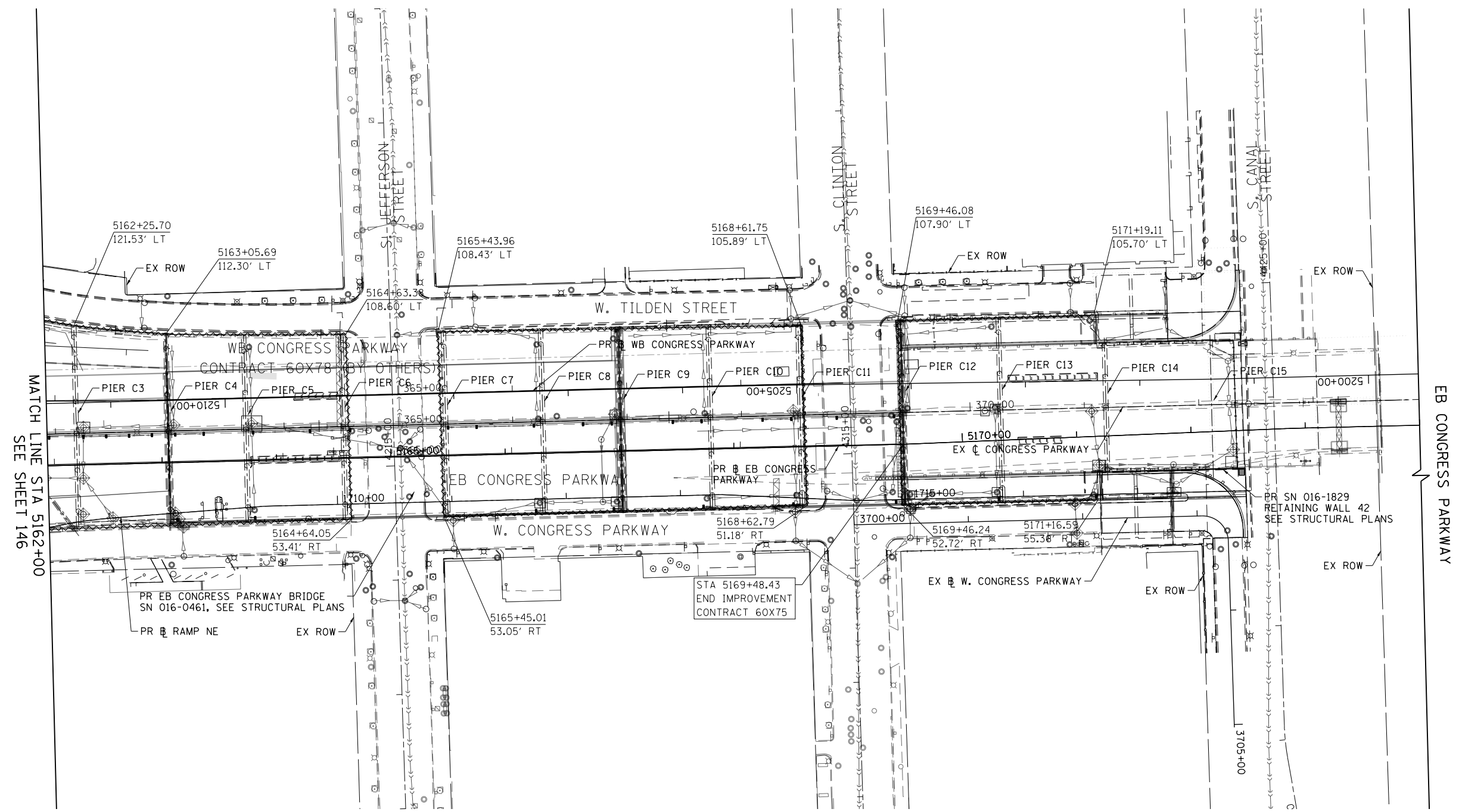
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EROSION CONTROL PLAN STAGES 2A /2B**

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 5150+00 TO STA. 5162+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	146
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



0 50 100
SCALE: 1"=50'



MATCH LINE STA 5162+00
SEE SHEET 146

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PLOT SCALE = 100.0000' / in.
PLOT DATE = 5/11/2017

DESIGNED - MKW	REVISED -
DRAWN - BAW	REVISED -
CHECKED - JMG	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

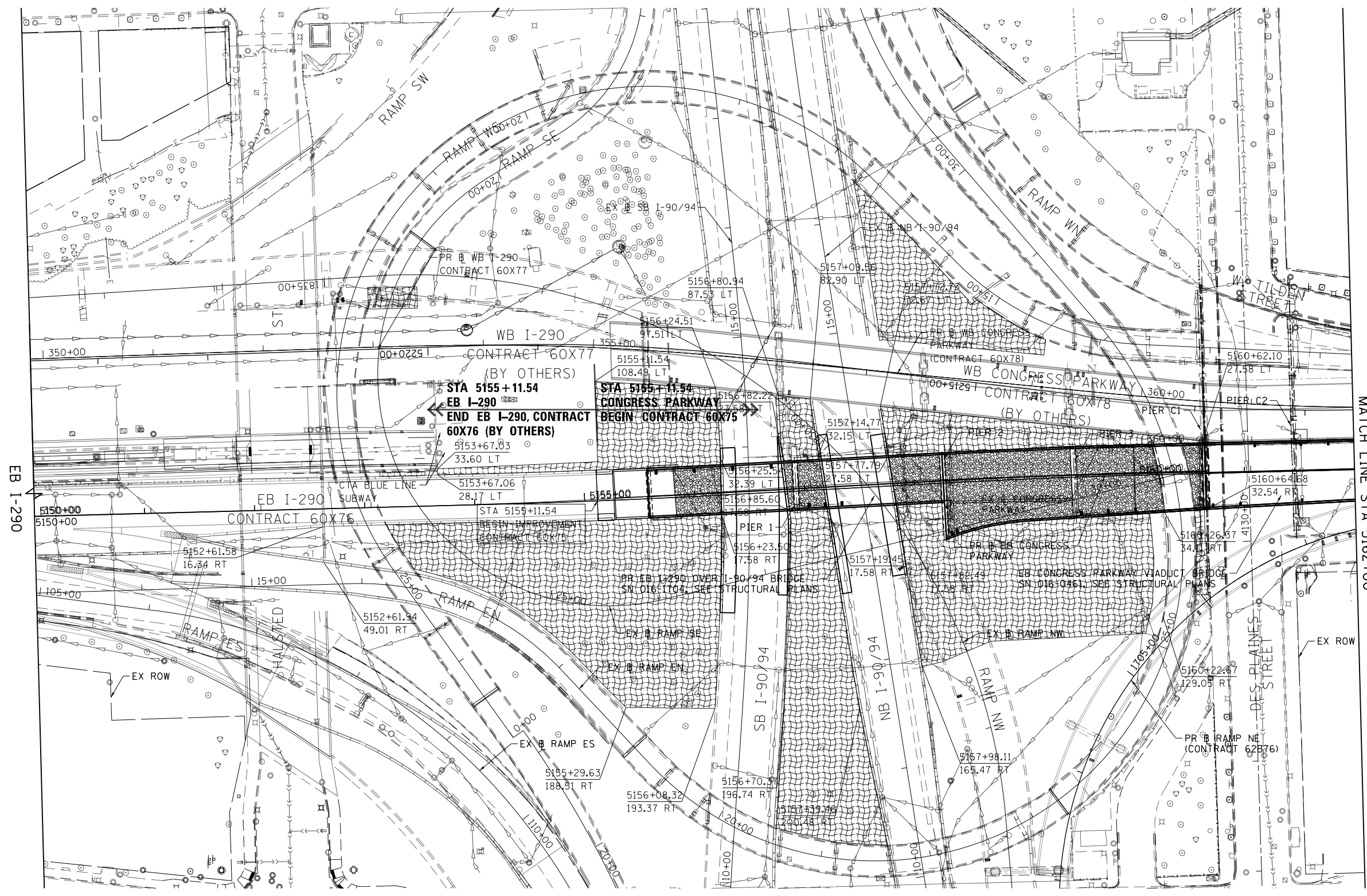
**EB I-290 CONGRESS PARKWAY
EROSION CONTROL PLAN STAGES 2A /2B**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 5162+00 TO STA. 5174+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	147
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



0 50 100
SCALE: 1"=50'



EB I-290

MATCH LINE STA 5162+00
SEE SHEET 149

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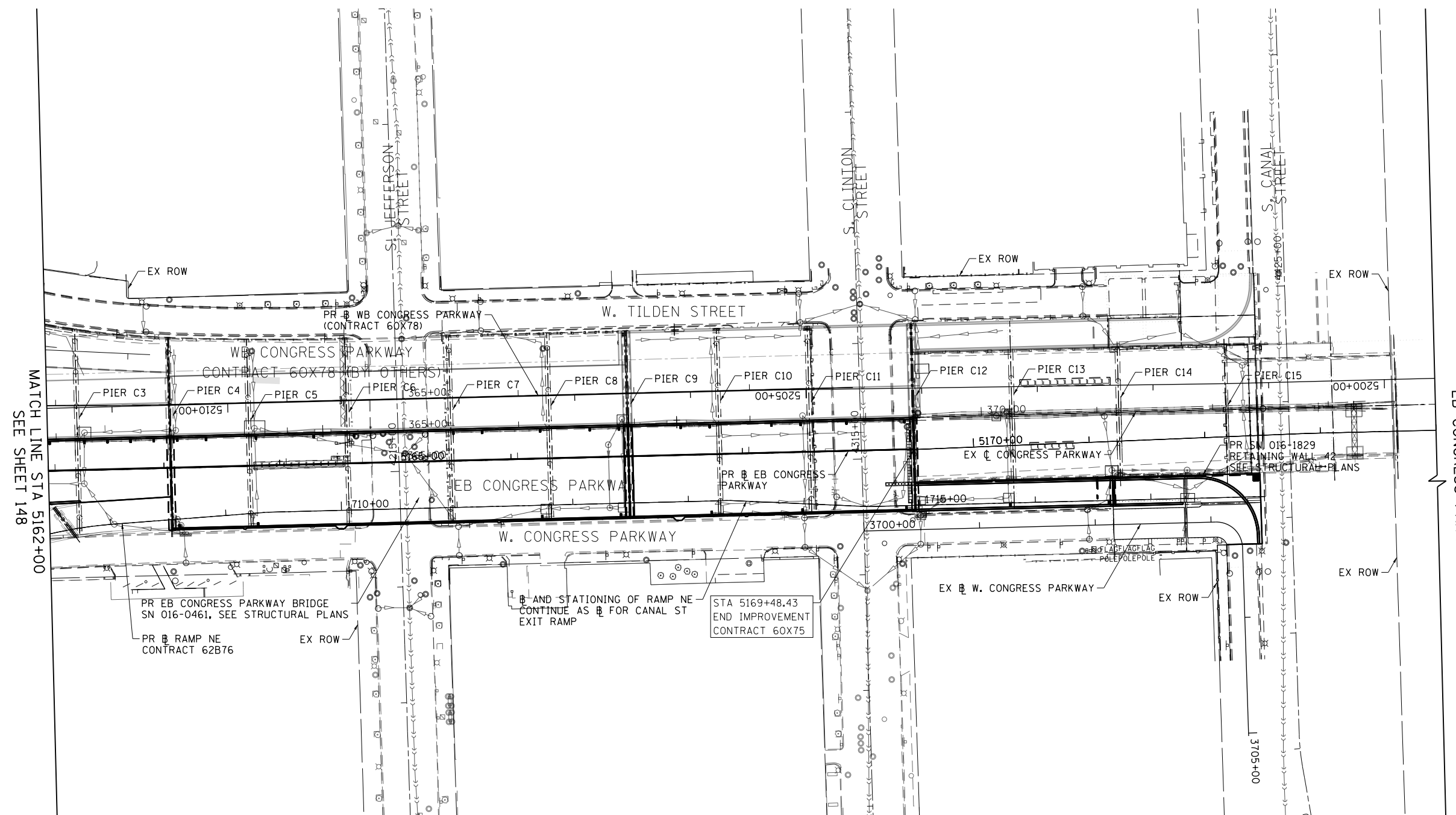
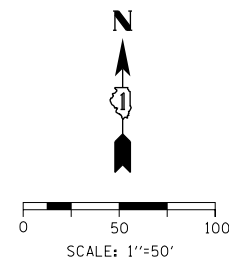
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DRAWN - BAW
CHECKED - JMG
DATE - 5/10/2017
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-290/CONGRESS PARKWAY
PERMANENT EROSION CONTROL PLAN**
SCALE: 1"=50'
SHEET 1 OF 2 SHEETS
STA. 5150+00 TO STA. 5162+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	148
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 5162+00
SEE SHEET 148

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 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 5/11/2017

DESIGNED - MKW	REVISED -
DRAWN - BAW	REVISED -
CHECKED - JMG	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-290 CONGRESS PARKWAY
PERMANENT EROSION CONTROL PLAN**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 5162+00 TO STA. 5174+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	149
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET	OFFSET LOCATION (CENTER OF STRUCTURE)	RIM (ELEV)	N. INVERT (ELEV)	W. INVERT (ELEV)	E. INVERT (ELEV)	S. INVERT (ELEV)	NE. INVERT (ELEV)	NW. INVERT (ELEV)	SE. INVERT (ELEV)	SW. INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
SB I-90/94														
PS-101	13+26.61	39.77'	LT	COS	572.40		569.18			569.30			1	1
PS-102	13+46.48	47.74'	RT	COS	578.28		572.00							
NB I-90/94														
PS-103	13+88.81	42.96'	RT	COS	574.70		568.63		568.63					1
PS-104	13+17.48	74.87'	RT	COS	575.10	572.00	568.18				573.93			1
EB CONGRESS PARKWAY														
PS-106	5159+49.40	32.01'	RT	COS	579.28		574							1
PS-108	5160+58.91	22.90'	RT	COS	586.60	581.13		581.13						1
PS-201	5163+10.49	44.13'	RT	COS	589.03						585.04			1
PS-203	5166+84.38	10.89'	LT	COS	593.15				589.47					1
PS-202	5166+84.39	43.72'	RT	COS	593.28	589.20	588.65 (EX)							1
PS-204	5169+71.85	44.41'	RT	COS	593.24		588.58 (EX)				588.40			1
PS-205	5171+83.59	27.38'	RT	COS	593.42		589.40	589.50						1
TOTALS													1	10

PROPOSED DRAINAGE PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	STORM SEWERS, CLASS A, TYPE 2			CONCRETE COLLAR	REINFORCEMENT BARS, EPOXY COATED	TRENCH BACKFILL
						12"	15"	30"			
						FOOT	CU YD	POUND	CU YD		
SB I-90/94											
PP-101	PS-101	ES-102	569.18	569.00	1.0%	18					6
PP-102	PS-102	ES-106	572.00	571.65	1.0%	35					14
NB I-90/94											
PP-103	PS-103	ES-115	568.63	568.36	1.0%		27				0
PP-110	EP-106	PS-103	568.80	568.63	1.0%		17				0
EB CONGRESS PARKWAY											
PP-104	PS-104	ES-114	572.00	571.17 (EX)	1.0%			83			0
PP-106	EP-106	PS-104	568.28	568.18	0.5%	19			1	50	0
PP-118	ES-118	PS-104	574.5 (EX)	573.93	1.0%	57					0
PP-107	PS-106	ES-120	574.00	573.70	1.0%	30					0
PP-115	ES-201	PS-108	581.67 (EX)	581.13	1.0%	54					40
PP-108	PS-108	ES-204	581.13	580.42 (EX)	1.4%	50					37
PP-116	ES-107	PS-103	569.94 (EX)	569.30	1.0%	64					47
PP-201	PS-201	ES-212	585.04	584.9 (EX)	1.0%	14					10
PP-203	PS-203	PS-202	589.47	589.20	0.5%	55					41
PP-303	ES-303	PS-203	589.72 (EX)	589.47	1.0%	25					19
PP-204	PS-204	ES-405	588.40	588.27	0.5%	26					19
PP-409	ES-409	PS-205	590.00 (EX)	589.40	1.0%	60					44
PP-205	PS-205	EP-411	589.40	588.90 (EX)	1.0%	49					36
ROUNDED TOTALS						556	44	83	1	50	315

NOTES:

- ADDITIONAL REINFORCEMENT BARS, EPOXY COATED QUANTITY INCLUDED IN THE BILL OF MATERIALS FOR SN 016-1704 AND SN 016-0461.

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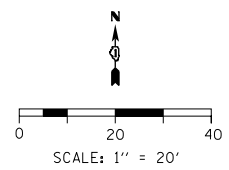
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PLOT DATE = 5/11/2017	DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	151
CONTRACT NO. 60X75			ILLINOIS FED. AID PROJECT	



MATCH LINE STA 5160+00
SEE SHEET 153

LEGEND

PP-101	PROPOSED PIPE, SEE DRAINAGE SCHEDULES FOR DETAILS	EP-101	EXISTING PIPE, SEE DRAINAGE SCHEDULES FOR DETAILS
PS-101	PROPOSED STRUCTURE, SEE DRAINAGE SCHEDULES FOR DETAILS	ES-101	EXISTING STRUCTURE, SEE DRAINAGE SCHEDULES FOR DETAILS
	STORM SEWER REMOVAL		ABANDON AND FILL EXISTING STORM SEWER

- NOTES:**
- SEE EXISTING AND PROPOSED DRAINAGE SCHEDULES FOR ADDITIONAL DETAILS.
 - STATIONS AND OFFSETS ARE BASED ON THE EB CONGRESS PARKWAY ALIGNMENT UNLESS OTHERWISE NOTED.

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 PLOT DATE = 5/11/2017

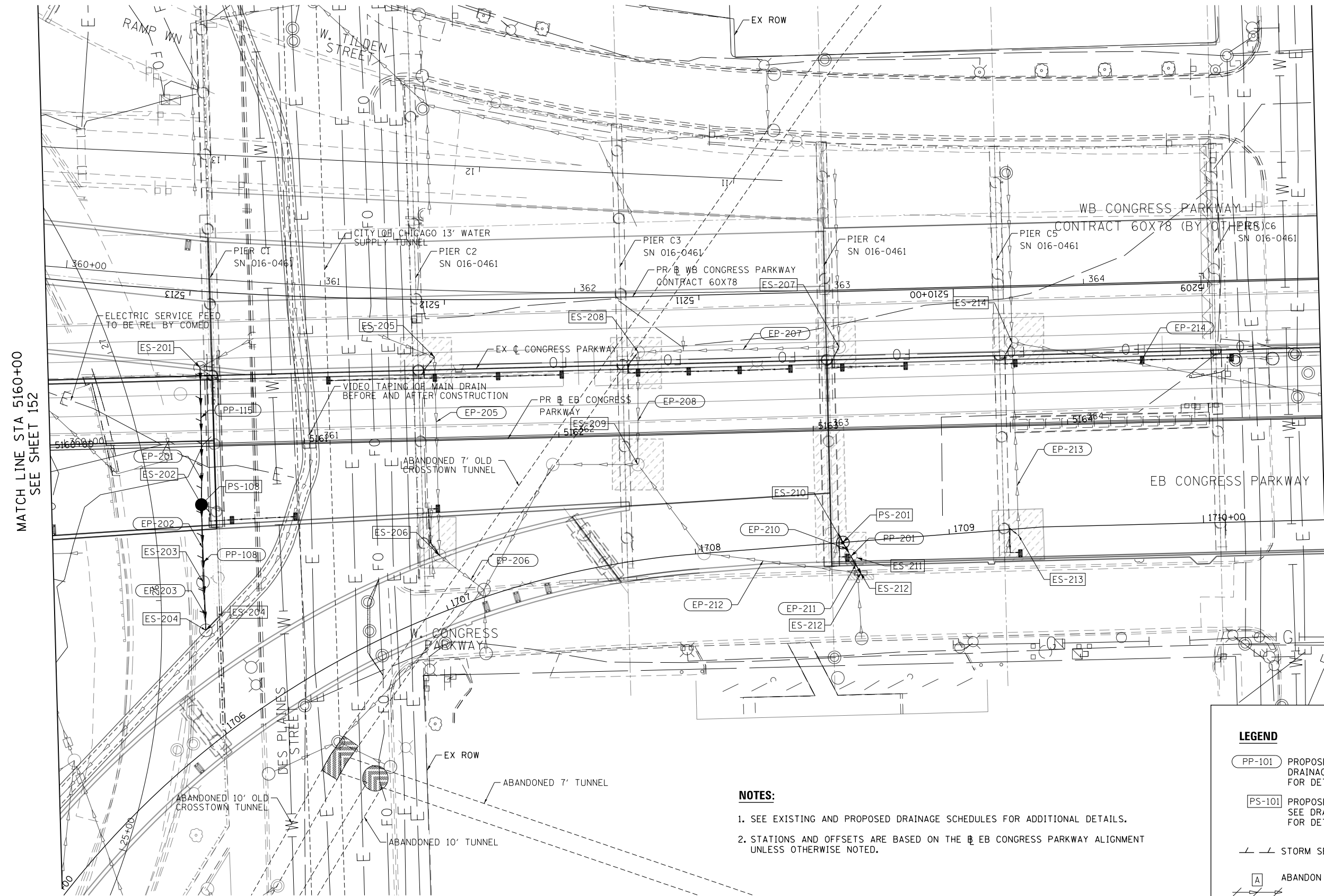
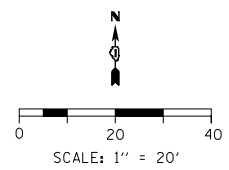
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CHECKED - MFD	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE REMOVALS AND PROPOSED DRAIN
EB CONGRESS PARKWAY**

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 5154+50 TO STA. 5160+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	152
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



NOTES:

1. SEE EXISTING AND PROPOSED DRAINAGE SCHEDULES FOR ADDITIONAL DETAILS.
2. STATIONS AND OFFSETS ARE BASED ON THE EB CONGRESS PARKWAY ALIGNMENT UNLESS OTHERWISE NOTED.

LEGEND

- PP-101 PROPOSED PIPE, SEE DRAINAGE SCHEDULES FOR DETAILS
- EP-101 EXISTING PIPE, SEE DRAINAGE SCHEDULES FOR DETAILS
- PS-101 PROPOSED STRUCTURE, SEE DRAINAGE SCHEDULES FOR DETAILS
- ES-101 EXISTING STRUCTURE, SEE DRAINAGE SCHEDULES FOR DETAILS
- STORM SEWER REMOVAL
- [A] ABANDON AND FILL EXISTING STORM SEWER

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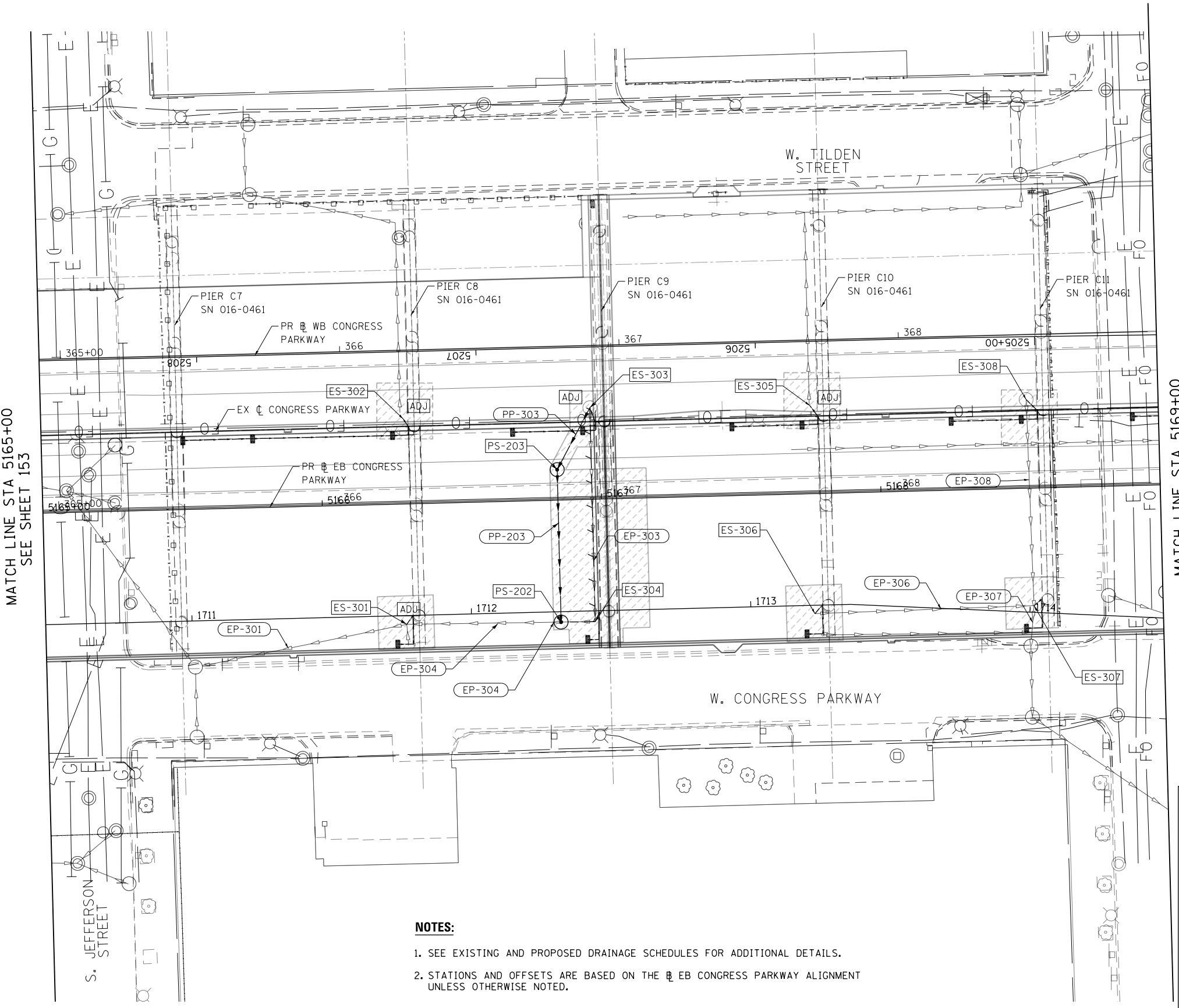
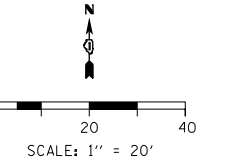
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DRAWN - BSH	REVISED -
CHECKED - MFD	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE REMOVALS AND PROPOSED DRAIN
 EB CONGRESS PARKWAY**

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 5160+00 TO STA. 5165+00

F.A.I. RTE. 90/94/290	SECTION 2014-001 R&B	COUNTY COOK	TOTAL SHEETS 696	SHEET NO. 153
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60X75



MATCH LINE STA 5165+00
SEE SHEET 153

MATCH LINE STA 5169+00
SEE SHEET 155

NOTES:

- 1. SEE EXISTING AND PROPOSED DRAINAGE SCHEDULES FOR ADDITIONAL DETAILS.
- 2. STATIONS AND OFFSETS ARE BASED ON THE EB CONGRESS PARKWAY ALIGNMENT UNLESS OTHERWISE NOTED.

LEGEND

- PP-101 PROPOSED PIPE, SEE DRAINAGE SCHEDULES FOR DETAILS
- EP-101 EXISTING PIPE, SEE DRAINAGE SCHEDULES FOR DETAILS
- PS-101 PROPOSED STRUCTURE, SEE DRAINAGE SCHEDULES FOR DETAILS
- ES-101 EXISTING STRUCTURE, SEE DRAINAGE SCHEDULES FOR DETAILS
- / / STORM SEWER REMOVAL
- A ABANDON AND FILL EXISTING STORM SEWER

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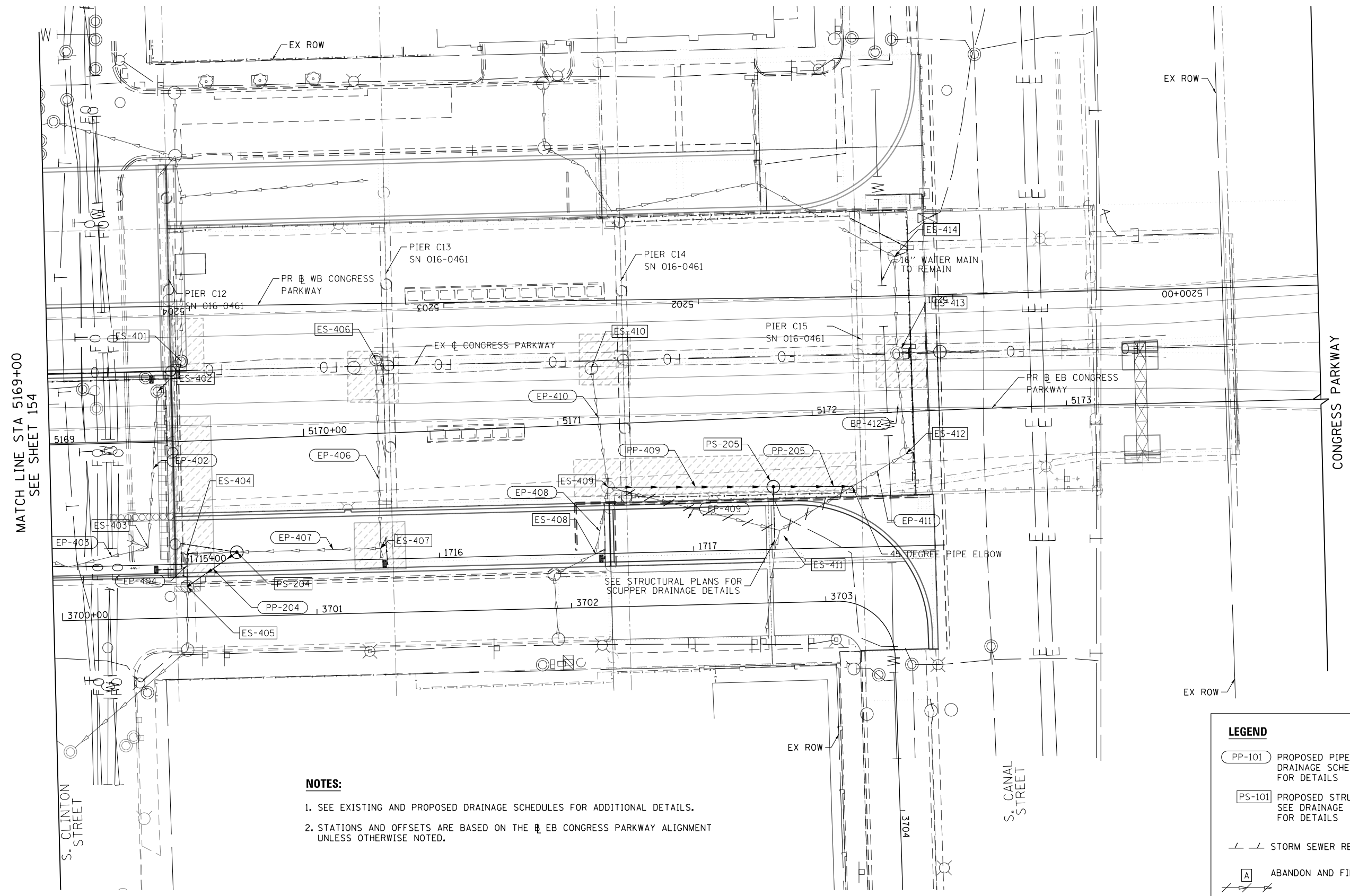
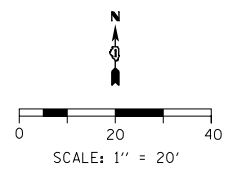
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PLOT DATE = 5/11/2017	DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE REMOVALS AND PROPOSED DRAIN
EB CONGRESS PARKWAY**

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 5165+00 TO STA. 5169+00







F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	154
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 5169+00
SEE SHEET 154

- NOTES:**
1. SEE EXISTING AND PROPOSED DRAINAGE SCHEDULES FOR ADDITIONAL DETAILS.
 2. STATIONS AND OFFSETS ARE BASED ON THE EB CONGRESS PARKWAY ALIGNMENT UNLESS OTHERWISE NOTED.

LEGEND

 PP-101	PROPOSED PIPE, SEE DRAINAGE SCHEDULES FOR DETAILS	 EP-101	EXISTING PIPE, SEE DRAINAGE SCHEDULES FOR DETAILS
 PS-101	PROPOSED STRUCTURE, SEE DRAINAGE SCHEDULES FOR DETAILS	 ES-101	EXISTING STRUCTURE, SEE DRAINAGE SCHEDULES FOR DETAILS
	STORM SEWER REMOVAL		ABANDON AND FILL EXISTING STORM SEWER

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 PLOT DATE = 5/11/2017

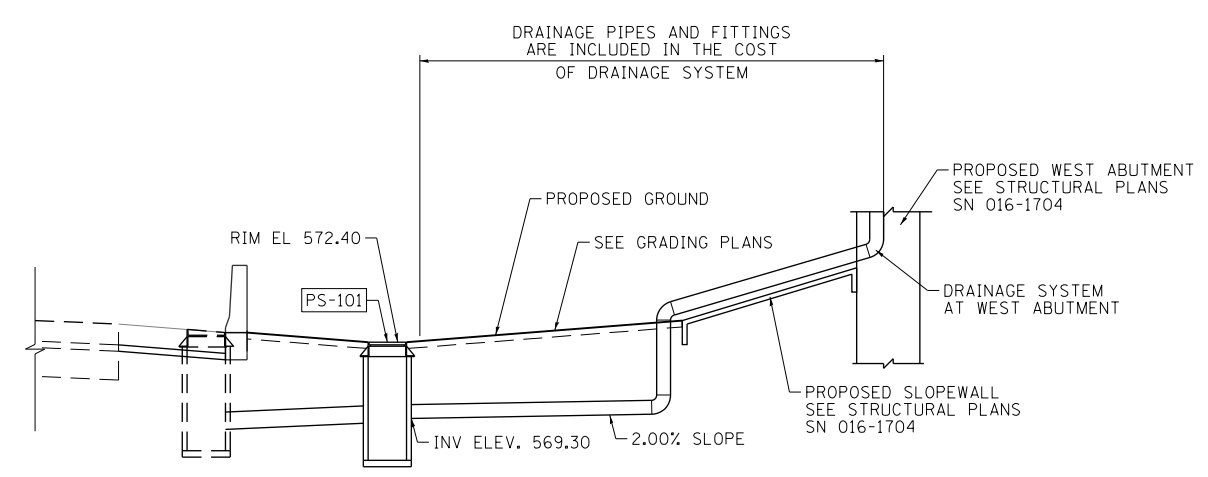
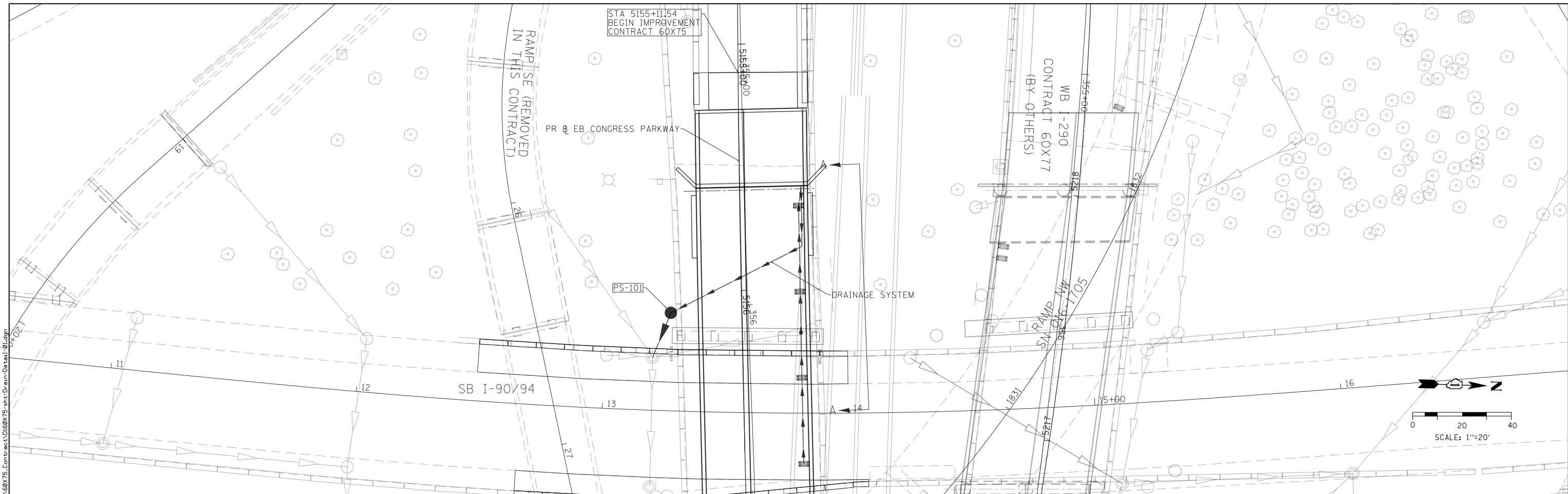
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DRAWN - BSH	REVISED -
CHECKED - MFD	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE REMOVALS AND PROPOSED DRAIN
EB CONGRESS PARKWAY**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 5169+00 TO STA. 5174+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	155
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



- NOTES
- FOR DRAINAGE STRUCTURE LOCATION SEE DRAINAGE SCHEDULES AND DRAINAGE PLAN.

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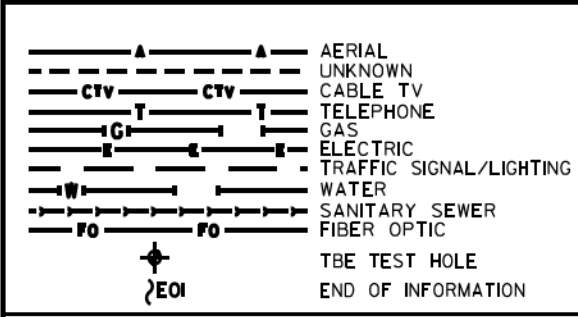
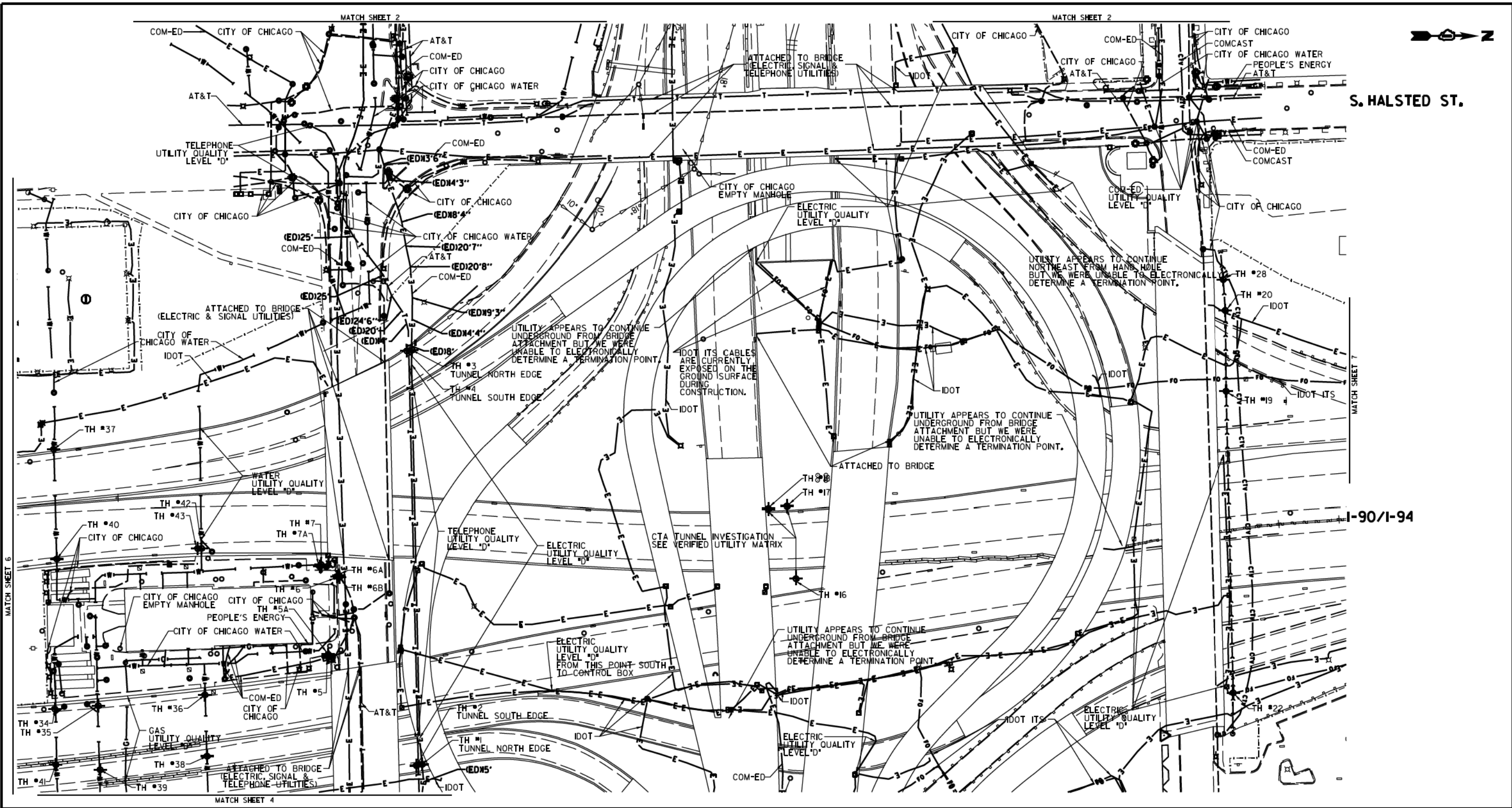


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USER NAME = v1janachione	DRAWN - MRC	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - KKY	REVISED -
PLOT DATE = 5/11/2017	DATE - 5/10/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS			
DRAINAGE SYSTEM BY WEST ABUTMENT			
SCALE: 1" = 20'	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	156
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



UTILITY OWNERS	
AT&T	= TELEPHONE
COM-ED	= ELECTRIC
CITY OF CHICAGO	= ELECTRIC
CITY OF CHICAGO WATER	= WATER
IDOT	= ELECTRIC
IDOT ITS	= FIBER OPTIC
PEOPLE'S ENERGY	= GAS

NOTE: ALL ELECTRONIC DEPTHS MARKED AS (ED) WERE OBTAINED UTILIZING A SONDE DEVICE. DEPTHS ON THE AT&T DUCT WERE RECORDED FROM AN AT&T CONTRACTOR. DEPTHS ON THE COMED DUCT WERE RECORDED BY A CARDNO CREW. CARDNO CAN NOT VERIFY THE ACCURACY OF THESE DEPTHS AND SHOULD BE USED AS APPROXIMATE AND AS INFORMATION ONLY.

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ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 1/24/17 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES.

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



Cardno TBE

CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
3300 W. 147th St., Suite 100, Alsip, IL 60413
(708) 744-3720 clausse@cwawhite.com

Dynasty Group
Engineers & Surveyors

TBE Job No. IL0990531 563, 647, 737
SUE Plan Page 3 of 12

Utility Quality Level "A": Visually Verified Test Hole	DESIGNED JP	REVISED 02/01/17 ADDED UTILITIES
Utility Quality Level "B": Designating/non Visually Verified Test Hole	DRAWN SRK	REVISED
Utility Quality Level "C": Research with Survey	CHECKED MGR	REVISED
Utility Quality Level "D": Records Research	DATE 12/18/15	REVISED

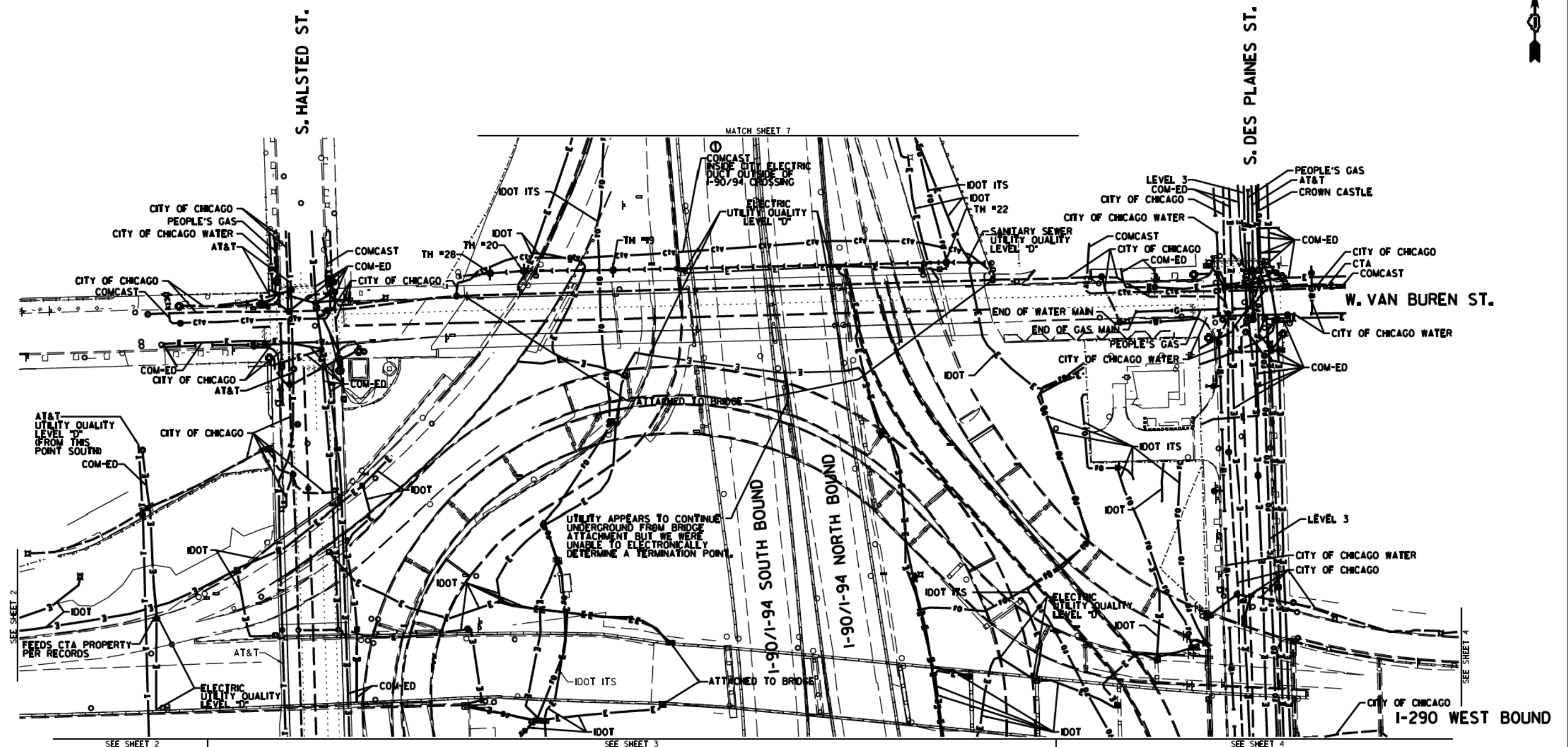
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DRAWN SRK	REVISED
CHECKED MGR	REVISED
DATE 12/18/15	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94-901-290 (Circle Interchange)
Chicago, Illinois

SHEET 1 OF 8 SHEETS

F.A. R.T.C.	SECTION N/A	COUNTY Cook	TOTAL SHEETS 696	SHEET NO. 157
FED. ROAD DIST. NO.		ILLINOIS	IDOT Project No. P-9-259-2	Contract No. N/A



NOTE:
 THE CITY OF CHICAGO LINES (OTHER THAN THE WATER LINES), ARE MULTI-DUCT SYSTEMS, AND MAY CONTAIN ELECTRIC, TRAFFIC SIGNAL, CPS FIBER OPTICS, OEMC FIBER OPTICS, OTHER CITY COMMUNICATION LINES, AND OCCASIONALLY 3RD PARTY LINES. CARDNO HAS NOT ATTEMPTED TO DETERMINE THE NUMBER, SIZE, CONFIGURATION, OR OWNERSHIP OF THESE DUCT SYSTEMS, SUCH DETERMINATION SHOULD BE MADE BY OTHERS DURING THE UTILITY COORDINATION PROCESS.

	AERIAL
	UNKNOWN
	CABLE TV
	TELEPHONE
	GAS
	ELECTRIC
	TRAFFIC SIGNAL/LIGHTING
	WATER
	SANITARY SEWER
	FIBER OPTIC
	TBE TEST HOLE
	END OF INFORMATION

UTILITY OWNERS	
AT&T	= TELEPHONE
CITY OF CHICAGO	= ELECTRIC
CITY OF CHICAGO	= FIBER OPTIC
CITY OF CHICAGO WATER	= WATER
COMCAST	= CABLE TV
COM-ED	= ELECTRIC
CROWN CASTLE	= FIBER OPTIC
CTA	= ELECTRIC
IDOT	= ELECTRIC
IDOT ITS	= FIBER OPTIC
LEVEL 3	= FIBER OPTIC
PEOPLE'S GAS	= GAS

UTILITIES SHOWN ON THESE PLANS AS DEPICTED IN THE LEGEND HAVE BEEN INVESTIGATED BY CARDNO IN ACCORDANCE WITH SUE INDUSTRY STANDARDS. ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED TO CARDNO BY OTHERS. CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 6/30/14 THROUGH 8/07/14. CHANGES TO UTILITIES 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.

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Cardno TBE

CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 8300 SOUTH STATE ST. SUITE 100, CHICAGO, IL 60619
 (773) 744-3720 clausenwhite@csurvey.com

Dynasty Group
 Engineers & Surveyors

TBE Job No. IL0950531 563, 647, 737
 SUE Plan Page 3A of 12

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Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

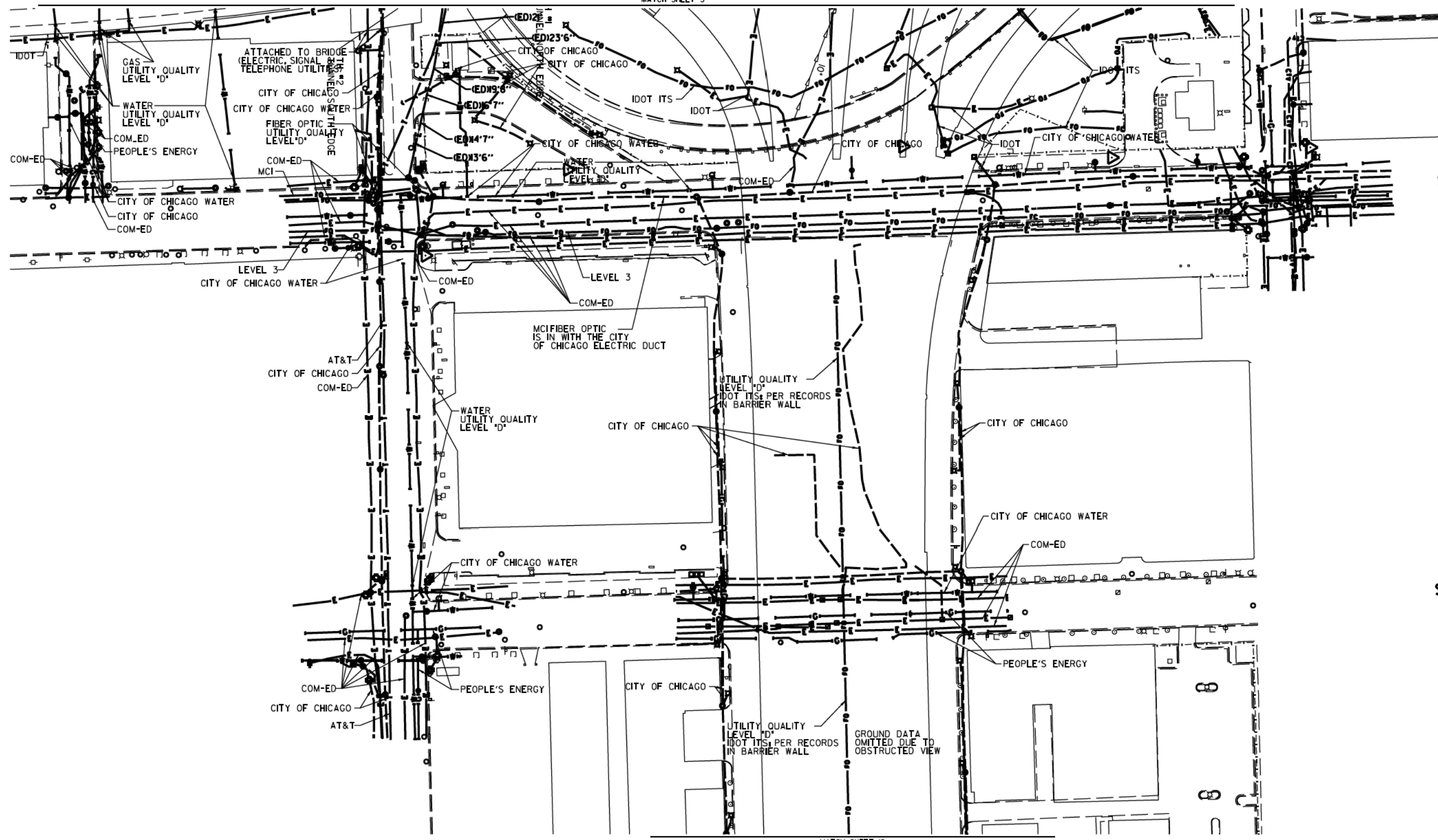
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DRAWN SRK	REVISED
CHECKED MGR	REVISED
DATE 12/18/15	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-94-901-290 (Circle Interchange)
 Chicago, Illinois

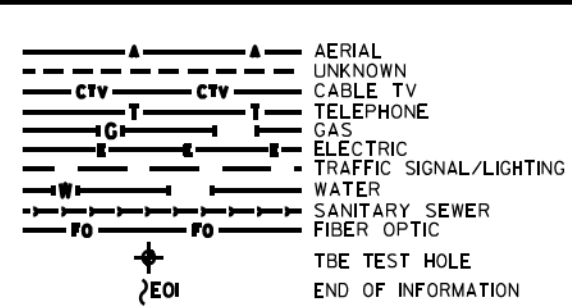
SHEET 2 OF 8 SHEETS

F.A. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	696	158
Contract No. N/A				
FED. ROAD DIST. NO., ILLINOIS DOT Project No. P-9-259-2				



S. DES PLAINES ST.

S. JEFFERSON ST.



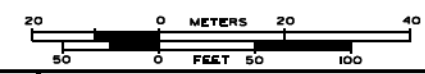
UTILITY OWNERS
 AT&T = TELEPHONE
 COM-ED = ELECTRIC
 CITY OF CHICAGO = ELECTRIC
 CITY OF CHICAGO = SANITARY SEWER
 CITY OF CHICAGO WATER = WATER
 IDOT = ELECTRIC
 IDOT SURVEILLANCE = FIBER OPTIC
 LEVEL 3 = FIBER OPTIC
 MCI = FIBER OPTIC
 PEOPLE'S ENERGY = GAS

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GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW



CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 8300 W. 117TH ST., SUITE 100, MARIETTA, OHIO 45750
 (614) 744-3720 clausenwhite@cwasurevey.com



TBE Job No. L0990531 563, 647, 737
 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

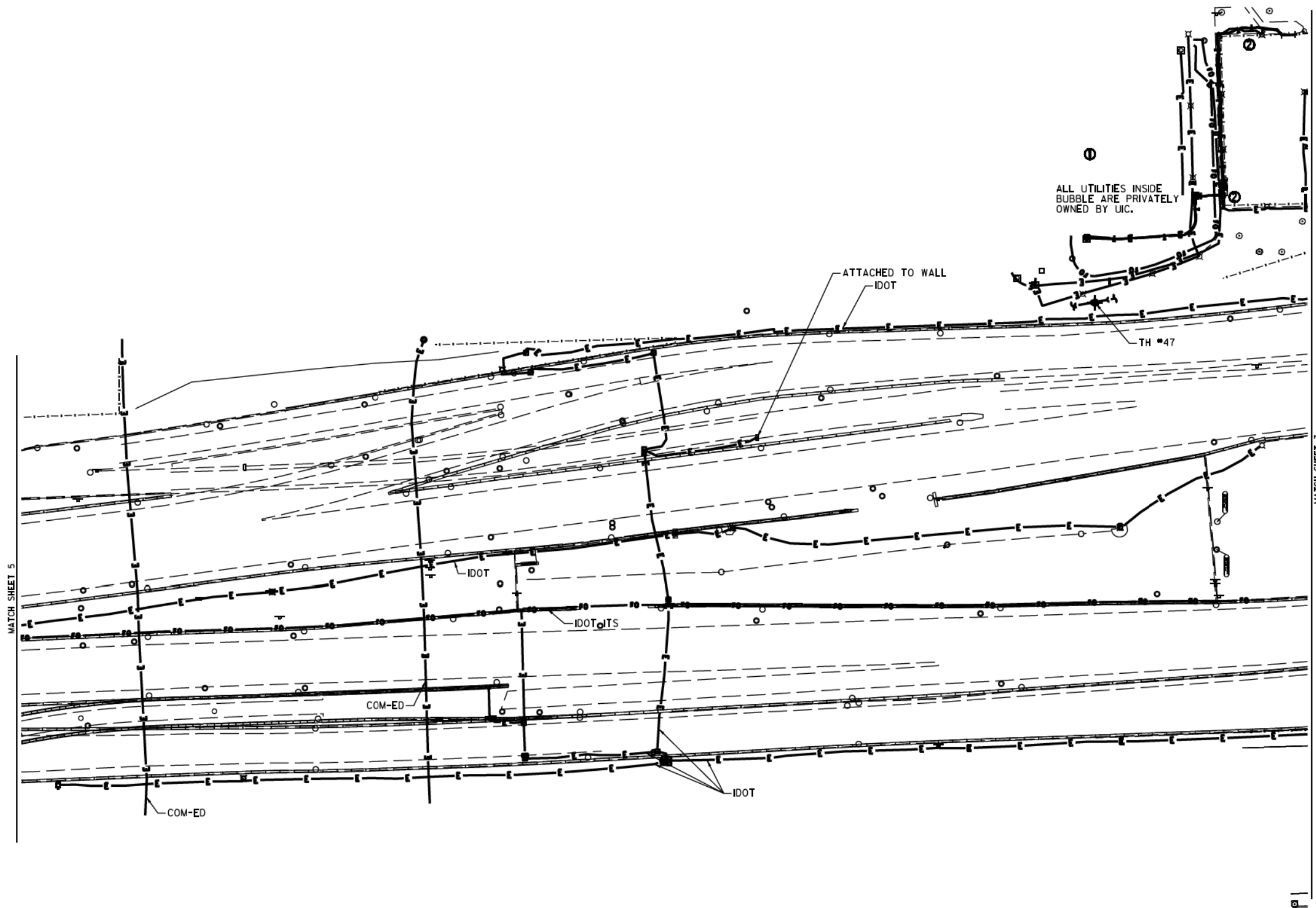
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DRAWN	SRK	REVISED	
CHECKED	MGR	REVISED	
DATE	12/18/15	REVISED	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-94/904-290 (Circle Interchange)
 Chicago, Illinois

SHEET 3 OF 8 SHEETS

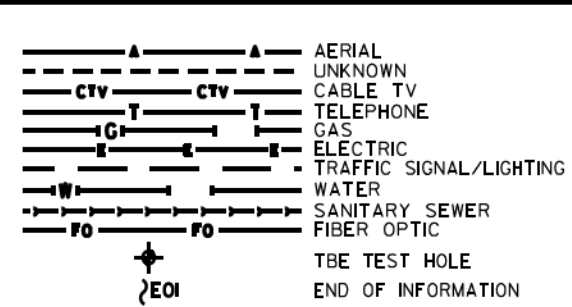
F.A. R.T.C.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	696	159
		Contract No. N/A		
FED. ROAD DIST. NO., ILLINOIS DOT Project No. P-94-259-12				



SOUTH BOUND I-94

NORTH BOUND I-94

S, DES PLAINES ST.



UTILITY OWNERS	
COM-ED	= ELECTRIC
IDOT	= ELECTRIC
IDOT ITS	= FIBER OPTIC

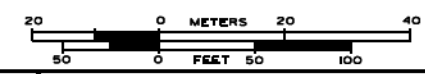
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ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 11/17/16 THROUGH 12/09/16 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES.

ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 1/24/17 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES.

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CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
3140 W. 141ST STREET, SUITE 100
MARIETTA, OHIO 44130
(419) 941-3720 clausenwhite.com



TBE Job No. L0990531 563, 647, 737
SUE Plan Page 6 of 12

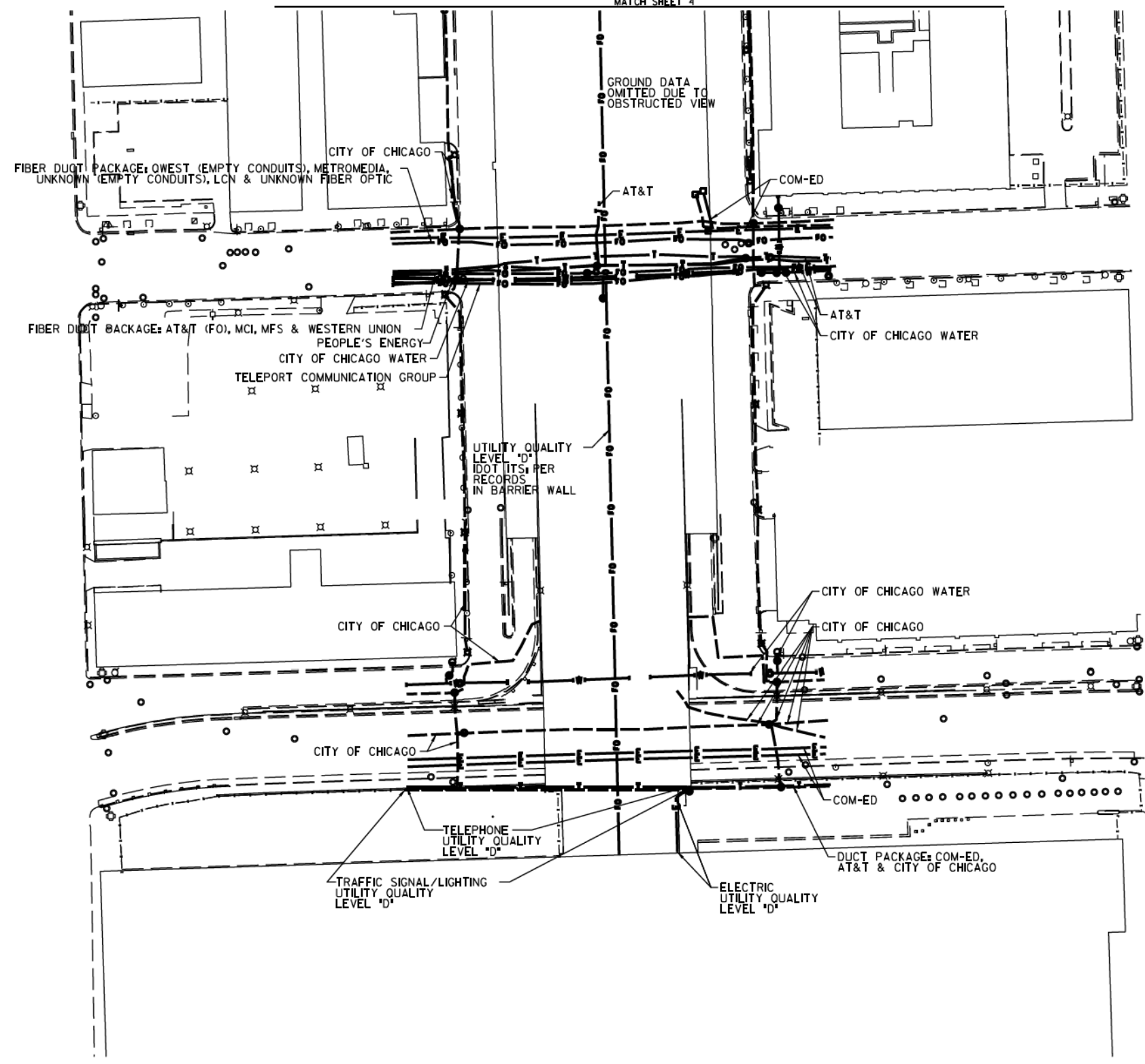
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Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

DESIGNED JP	REVISED 12/20/16
DRAWN SRK	REVISED 2/01/17 ADDED UTILITIES
CHECKED	REVISED
DATE	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

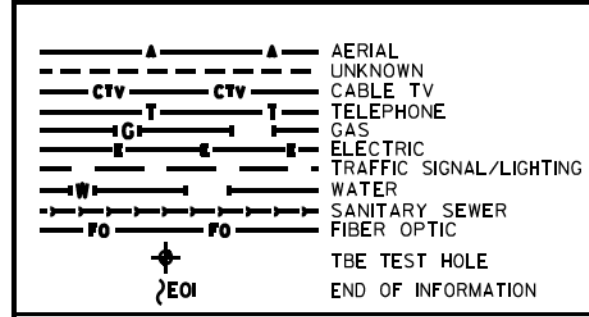
I-94-901-290 (Circle Interchange)
Chicago, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	696	160
Contract No. N/A				
FED. ROAD DIST. NO., ILLINOIS DOT Project No. P-9-259-12				



S. CLINTON ST.

S. CANAL ST.



UTILITY OWNERS		
AT&T = FIBER OPTIC		
AT&T = TELEPHONE		
COM-ED = ELECTRIC		
CITY OF CHICAGO = ELECTRIC		
CITY OF CHICAGO WATER = WATER		
IDOT = ELECTRIC		
LCN = FIBER OPTIC		
MCI = FIBER OPTIC		
METROMEDIA = FIBER OPTIC		
MFS = FIBER OPTIC		
PEOPLE'S ENERGY = GAS		
TELEPORT COMM. GROUP = FIBER OPTIC		
QWEST = FIBER OPTIC		
WESTERN UNION = FIBER OPTIC		

UTILITIES SHOWN ON THESE PLANS AS DEPICTED IN THE LEGEND HAVE BEEN INVESTIGATED BY CARDNO IN ACCORDANCE WITH SUE INDUSTRY STANDARDS. ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED TO CARDNO BY OTHERS. CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 7/29/14 THROUGH 8/07/14. CHANGES TO UTILITIES 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.

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TBE Job No. L0990531 563, 647, 737
SUE Plan Page 12 of 12

Utility Quality Level "A": Visually Verified Test Hole	DESIGNED JP	REVISED
Utility Quality Level "B": Designating/non Visually Verified Test Hole	DRAWN SRK	REVISED
Utility Quality Level "C": Research with Survey	CHECKED MGR	REVISED
Utility Quality Level "D": Records Research	DATE 12/18/15	REVISED

DESIGNED JP	REVISED
DRAWN SRK	REVISED
CHECKED MGR	REVISED
DATE 12/18/15	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94-901-290 (Circle Interchange)
Chicago, Illinois

F.A. R.T.C.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook		
Contract No. N/A				

FED. ROAD DIST. NO. ILLINOIS DOT Project No. P-9-259-12

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	REFERENCE ELEVATION	SUE QUALITY LEVEL	COMMENTS
1	N/A TUNNEL	1897611.31	1171790.60	573.30'	7.17'	580.47'	A	NORTH EDGE
2	N/A TUNNEL	1897605.50	1171792.00	573.36'	6.92'	580.28'	A	SOUTH EDGE
3	N/A TUNNEL	1897600.91	1171359.65	573.15'	3.86'	577.01'	A	NORTH EDGE
4	N/A TUNNEL	1897595.46	1171360.49	573.09'	3.90'	576.99'	A	SOUTH EDGE
5	N/A THRUST BLOCK	1897513.66	1171678.90	589.72'	6.56'	596.28'	A	
5A	N/A THRUST BLOCK	1897513.63	1171676.05	589.64'	7.20'	596.84'	A	
6	N/A THRUST BLOCK	1897522.75	1171594.74	589.37'	6.68'	596.05'	A	
6A	N/A THRUST BLOCK	1897524.90	1171593.77	589.37'	6.76'	596.13'	A	
6B	N/A THRUST BLOCK	1897525.17	1171595.71	589.38'	6.73'	596.11'	A	
7	N/A THRUST BLOCK	1897506.19	1171582.40	589.21'	6.36'	595.57'	A	
7A	N/A THRUST BLOCK	1897505.10	1171584.54	589.20'	6.42'	595.62'	A	
8	8" WATER	1897811.64	1169853.98	586.86'	7.31'	594.17'	A	
9	N/A THRUST BLOCK	1897812.80	1169876.49	588.42'	4.88'	593.30'	A	
10	N/A THRUST BLOCK	1897815.06	1169870.75	588.64'	5.09'	593.73'	A	
11	SEE NOTE WATER	1897813.75	1169879.18	588.06'	5.49'	593.55'	A	
11A	24"x24" ELECTRIC	1897814.13	1169877.49	591.41'	2.03'	593.44'	A	
12	16" WATER	1898158.45	1170801.96	586.95'	6.60'	593.55'	A	
13	24" GAS	1898159.98	1170811.42	590.55'	3.22'	593.77'	A	
14	16" WATER	1898098.96	1170803.32	570.59'	5.30'	575.89'	A	
15	20" GAS	1898100.29	1170814.06	569.38'	6.45'	575.83'	A	
16	N/A TUNNEL	1898000.74	1171597.17	569.79'	8.10'	577.89'	A	
17	N/A TUNNEL	1897991.35	1171521.95	572.07'	4.11'	576.18'	A	
18	N/A TUNNEL	1897921.01	1171524.66	572.02'	3.99'	576.01'	A	
19	60" SIPHON	1898449.22	1171402.46	572.68'	7.88'	580.56'	A	
20	60" SIPHON	1898448.41	1171318.35	572.62'	6.12'	578.74'	B	
21	2-(4") FIBER OPTIC	1898798.52	1171364.87	581.80'	6.04'	587.84'	A	
22	60" SIPHON	1898456.60	1171716.09	571.31'	11.07'	582.38'	A	
23	2-(4") FIBER OPTIC	1898807.90	1171637.47	574.87'	9.02'	583.89'	A	
24	SEE NOTE WATER	1898820.21	1171602.72	571.87'	4.71'	576.58'	A	
25	SEE NOTE WATER	1898820.37	1171608.33	571.65'	5.80'	577.45'	B	

NOTES

TH #1 - Found North edge of what appears to be a 6' wide wooden frame around utility tunnel. Frame has appearance of wooden railroad ties.
 TH #2 - Found South edge of what appears to be a 6' wide wooden frame around utility tunnel. Frame has appearance of wooden railroad ties.
 TH #3 - Found North edge of what appears to be a 6' wide wooden frame around utility tunnel. Frame has appearance of wooden railroad ties. Wooden frame is 5" thick.
 TH #4 - Found South edge of what appears to be a 6' wide wooden frame around utility tunnel. Frame has appearance of wooden railroad ties.
 TH #5 - Found North edge of Thrust Block.
 TH #5A - Found North edge of Thrust Block. Reference point placed on east curb of driveway.
 TH #6 - Found West edge of Thrust Block.
 TH #6A - Found a 90 degree bend on Thrust Block. Reference point placed in line with bend.
 TH #6B - Found North edge of Thrust Block.
 TH #7 - Found North edge of Thrust Block.
 TH #7A - Found North edge of Thrust Block.
 TH #9 - Found what is believed to be the southern edge of thrust block.
 TH #10 - Found what is believed to be the southern edge of thrust block. Also found a vertical concrete structure that the thrust block seemed to go around. Reference point was placed where edge of thrust block met this structure.
 TH #11 - Found the east edge of water main at the bend. Water main was directly under City of Chicago electric duct and could not verify a size. Records show that this main is a 30". Reference point was placed directly in line with the eastern edge of pipe at the center of bend.
 TH #11A - Found a 24x24 concrete electric duct while excavating for water main.
 TH #13 - Exposed fitting connecting steel gas main to cast iron gas main. (Per Joe People's Energy Inspector)
 TH #14 - Did not find bend. Water main was still on slight downward slope.
 TH #15 - Gas main was still on slight downward slope. Exposed pipe at a weld but could not determine if this was part of the bend.
 TH #16 - Exposed Northern edge of CTA Tunnel.
 TH #17 - Top of CTA Tunnel.
 TH #18 - Top of CTA Tunnel.
 TH #19 - Exposed what we believe to be the crown of the concrete pipe. Records indicate the utility size to be 60".
 TH #20 - Unable to visually verify utility due to back fill infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the edges and top of the pipe. Records indicate utility to be a 60" pipe.
 TH #22 - Exposed what we believe to be the crown of the concrete pipe. Records indicate the utility to be a 60" pipe.
 TH #24 - Briefly had a visual of the utility until sand and ground water infiltrated the test hole. By utilizing the air lance we were able to feel what is believed to be the edges and top of pipe. Records indicate the utility to be a 16" pipe.
 TH #25 - Unable to visually verify utility due to back fill infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the edges and top of the pipe. Records indicate utility to be a 16" pipe.

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.



CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 PLANNING * UTILITY ENGINEERING/LOCATING

Checked By: *[Signature]*
 Date: 3/13/17

TBE Job No. R-0990531-563, 647, 737
 SHEET 10F 3

DESIGNED EG	REVISED			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-941-901-290 (Circle Interchange) Chicago, Illinois	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN SRK	REVISED					N/A	Cook	Contract No. N/A		
CHECKED MGR	REVISED									
DATE 12/18/15	REVISED					FED. ROAD DIST. NO.	ILLINOIS	Job No. P-91-259-12		

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE &	TYPE	NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	REFERENCE ELEVATION	SUE QUALITY LEVEL	COMMENTS
26	N/A	WATER	1898814.654	1171391.251	572.75'	7.50'	580.25'	B	
27	N/A	WATER	1898814.915	1171395.719	571.67'	7.16'	578.83'	B	
28	N/A	SIPHON	1898446.146	1171286.067	572.68'	13.38'	586.06'	B	
29	N/A	SIPHON	1899863.107	1171643.779	572.74'	7.90'	580.64'	B	
30	N/A	SIPHON	1899845.426	1171642.747	572.90'	7.06'	579.96'	A	
31	N/A	SIPHON	1899845.311	1171651.515	575.42'	6.42'	581.84'	A	
32	N/A	SIPHON	1899833.821	1171355.929	576.15'	3.62'	579.77'	A	
32A	N/A	SIPHON	1899861.396	1171360.162	574.89'	4.07'	579.07'	A	
32B	N/A	SIPHON	1899847.605	1171358.462	575.20'	4.18'	579.38'	A	
33	N/A	FIBER OPTIC	1899742.060	1171648.471	N/A	SEE NOTE	585.56'	C	
34	48"	WATER	1897228.575	1171732.883	576.44'	5.14'	581.58'	A	
35	48"	WATER	1897273.960	1171729.504	576.92'	4.46'	581.38'	A	
36	N/A	WATER	1897385.054	1171718.156	578.38'	2.22'	580.60'	A	
37	54"	WATER	1897227.364	1171462.933	576.33'	6.03'	582.36'	A	
38	N/A	WATER	1897387.290	1171782.047	576.60'	5.46'	582.06'	A	
39	N/A	WATER	1897275.870	1171796.286	577.47'	5.97'	583.44'	A	
40	54"	WATER	1897230.523	1171576.645	578.58'	2.80'	581.38'	A	
41	N/A	WATER	1897229.624	1171790.841	577.55'	6.17'	583.72'	A	
42	48"	WATER	1897381.570	1171565.533	575.29'	4.43'	579.72'	A	
43	14"x14"	UNKNOWN	1897377.583	1171565.776	577.49'	2.14'	579.63'	A	

NOTES

TH #26 - Unable to visually verify utility due to back fill infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the edges and top of the pipe. Records indicate utility to be a 16" pipe.

TH #27 - Unable to visually verify utility due to back fill infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the edges and top of the pipe. Records indicate utility to be a 16" pipe.

TH #28 - Unable to visually verify utility due to back fill and ground water infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the crown of pipe. Records indicate utility to be a 60" pipe.

TH #29 - Unable to visually verify utility due to sand and ground water infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the crown of pipe. Records indicate utility to be a 60" pipe.

TH #30 - Exposed what we believe to be the crown of the concrete pipe. Records indicate the utility to be a 108" pipe.

TH #31 - Exposed what we believe to be the crown of the concrete pipe. Records indicate the utility to be a 108" pipe. Found what we believe to be the Siphon Outlet Chamber.

TH #32 - Found a flat formed concrete structure. Reference point placed in line with southern edge of concrete structure.

TH #32A - Found a flat formed concrete structure. Reference point placed in line with Northern edge of concrete structure.

TH #32B - Found a flat formed concrete structure. Reference point placed in line with center of concrete structure.

TH #33 - Were only able to excavated to a depth of 10' and did not find utility. Electronic depths indicate utility to 27' +/- deep.

TH #35 - Depth taken from top of pipe joint.

TH #38 - Were only able to see the top crown of pipe. Records indicate pipe size to be 36".

TH #39 - Were only able to see the top crown of pipe. Records indicate pipe size to be 48".

TH #40 - Pipe appears to be on a slight upward angle towards the retaining wall.

TH #41 - Were only able to see the top crown of pipe. Records indicate pipe size to be 48".

TH #42 - Depth taken from top of pipe joint.

TH #43 - Found unknown concrete 14"x14" structure that appears to be a duct.

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.



CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
PLANNING * UTILITY ENGINEERING/LOCATING

Checked By: *[Signature]* TBE Job No. I0990531.563, 647, 737
Date: 3/8/17 SHEET 2 OF 3

DESIGNED EG	REVISED																		
DRAWN SRK	REVISED																		
CHECKED MGR	REVISED																		
DATE 12/18/15	REVISED																		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-941-901-290 (Circle Interchange)
Chicago, Illinois

SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	496	63
FED. ROAD DIST. NO.	ILLINOIS	Job No. P-91-259-12	Contract No. N/A	

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	REFERENCE ELEVATION	SUE QUALITY LEVEL	COMMENTS
44	SEE NOTE GAS	1897941.863	1167859.669	572.26'	8.14'	580.40'	B	
45	18"x4" ELECTRIC	1897934.185	1168300.312	574.30'	5.26'	579.56'	A	
46	6" UNKOWN	1897935.218	1168302.972	577.15'	2.31'	579.46'	A	
47	60" SANITARY	1897000.917	1171469.596	582.85'	9.84'	592.69'	A	
48	SEE NOTE WATER	1900713.310	1171605.295	571.30'	8.18'	579.48'	B	
49	2" WATER	1897809.914	1169798.544	588.83'	4.92'	593.75'	A	
49A	8" WATER	1897809.914	1169798.544	587.83'	5.92'	593.75'	A	
50	42" TELEPHONE	1897887.300	1170967.618	568.18'	7.04'	575.22'	A	
50A	2" TELEPHONE	1897887.267	1170965.824	570.40'	4.81'	575.21'	A	
50B	42" TELEPHONE	1897887.404	1170969.381	568.18'	7.04'	575.22'	A	
51	(2) 4" ELECTRIC	1897848.317	1170019.373	573.62'	3.71'	577.33'	A	
51A	(2) 4" ELECTRIC	1897848.348	1170018.630	573.73'	3.63'	577.36'	A	
52	16" WATER	1898832.110	1171343.510	587.38'	5.02'	592.40'	A	
52A	(2) 4" FIBER OPTIC	1898829.974	1171344.221	589.65'	2.92'	592.57'	A	
53	16" WATER	1898840.107	1171675.502	587.67'	5.08'	592.75'	A	
54	12" WATER	1900715.908	1171642.460	586.55'	7.00'	593.55'	A	
54A	12" WATER	1900715.908	1900715.908	570.95'	22.60'	593.55'	A	

NOTES

TH #44 - Unable to visually verify utility due to back fill infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the edges and top of the pipe. Records indicate utility to be a 18" pipe.

TH #48 - Unable to visually verify utility due to back fill infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the edges and top of the pipe. Records indicate utility to be a 12" pipe.

TH #51 - Found (2) 4" conduits side by side. Reference placed in the center of Eastern pipe.

TH #51A - Found (2) 4" conduits side by side. Reference placed in the center of Western pipe.

TH #52A - Found (2) 4" conduits side by side. Reference placed in the center of the two pipes.

TH #54 - Claassen, White & Associates obtained an elevation of 586.55 on the 90 degree bend on the water main inside the manhole. The approximate manual depth of 7' was also obtained by Claassen, White & Associates.

TH #54A - Claassen, White & Associates obtained an elevation of 570.95 on the water main near the bottom of the manhole as it heads West. The approximate manual depth of 22.6' was also obtained by Claassen, White & Associates.

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.

CWA SURVEY
 CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3120 cwa@claassenwhite.com

Cardno TBE
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 PLANNING * UTILITY ENGINEERING/LOCATING

Checked By: *[Signature]*
 Date: 12/20/16
 TBE Job No. IL09510531, 563, 647, 737
 SHEET 3 OF 3

DESIGNED EJ	REVISED 3/07/17 ADDED TH#52-54
DRAWN KLC	REVISED 3/13/17 ADDED TH#54A
CHECKED KS	REVISED
DATE 12/20/16	REVISED

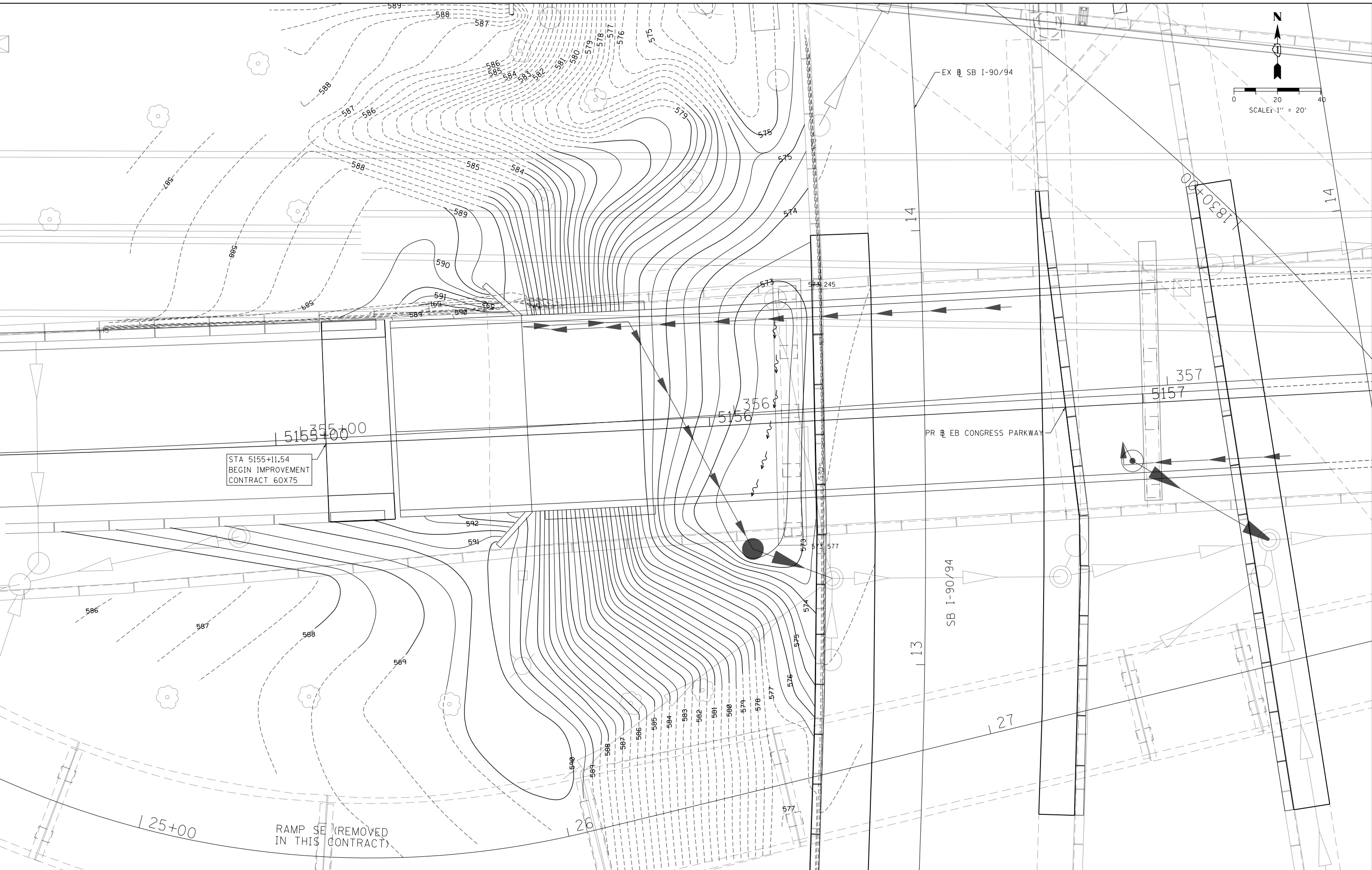
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-941-901-290 (Circle Interchange)
 Chicago, Illinois

SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	596	164
FED. ROAD DIST. NO. ILLINOIS			Contract No. N/A	
			Job No. P-91-259-12	

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STA 5155+11.54
BEGIN IMPROVEMENT
CONTRACT 60X75

RAMP SE (REMOVED
IN THIS CONTRACT)

**PROPOSED GRADING PLAN
AT EB I-290 OVER I-90/94 (WEST ABUTMENT)**

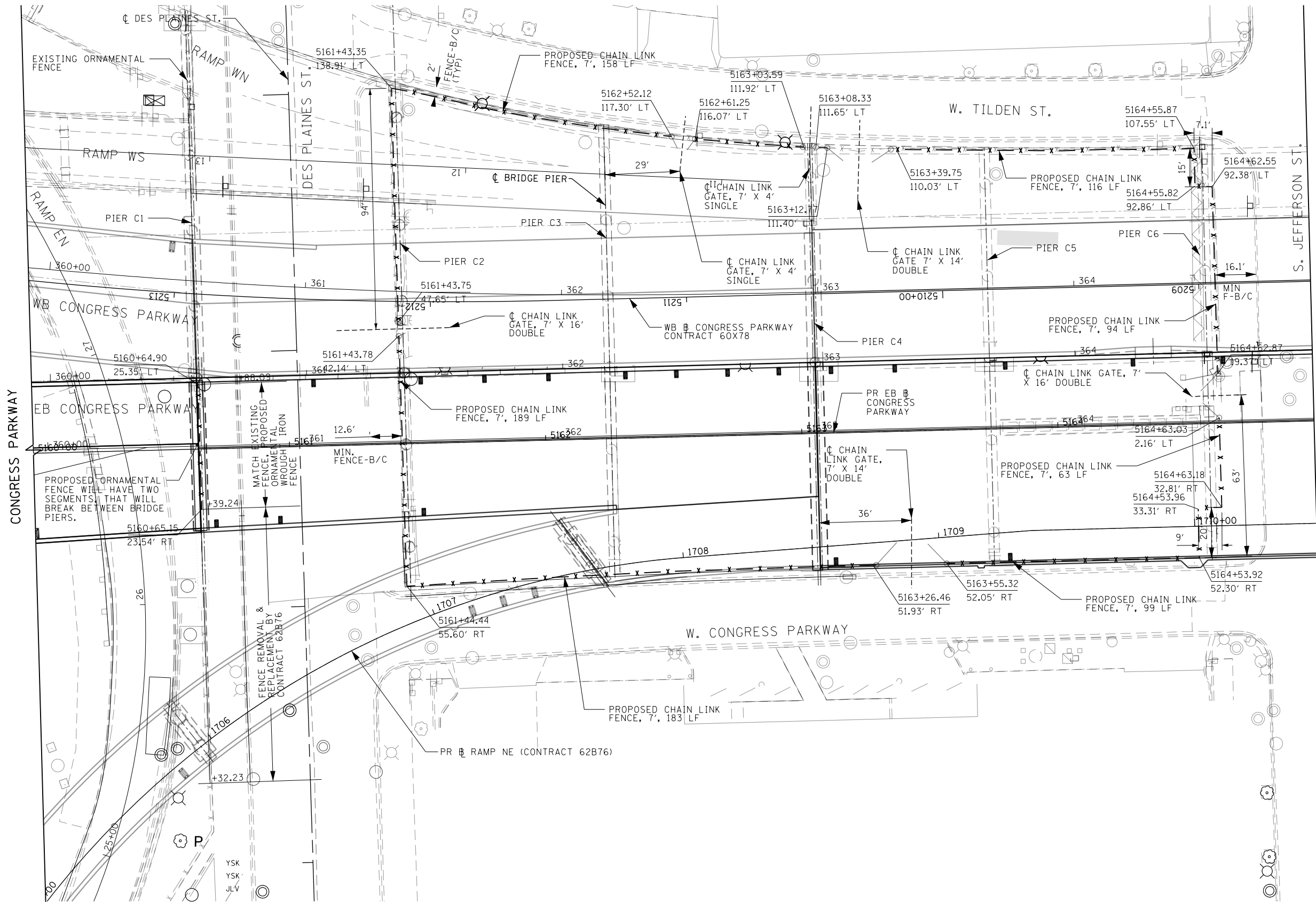
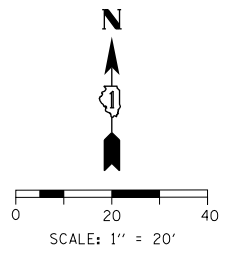
SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 345+00 TO STA. 359+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	165
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 5/10/2017	DATE = 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



MATCH LINE STA 5165+00
SEE SHEET 167

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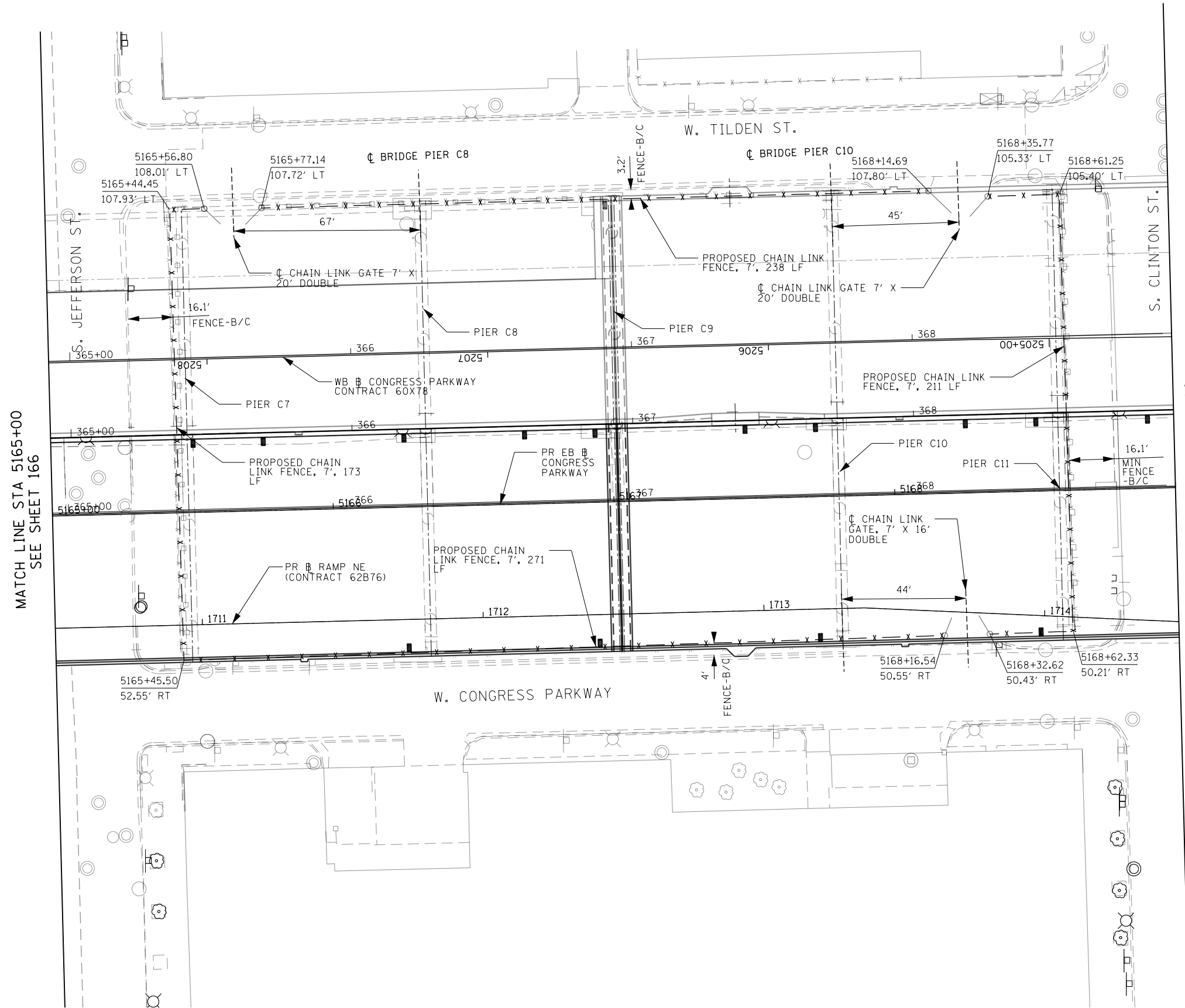
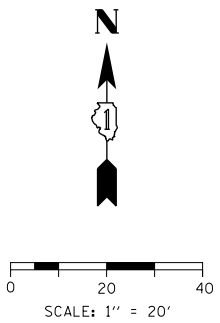
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DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED FENCING PLAN
EB CONGRESS PARKWAY**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 5160+00 TO STA. 5165+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	166
CONTRACT NO. 60X75			ILLINOIS FED. AID PROJECT	



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 PLOT DATE = 5/10/2017

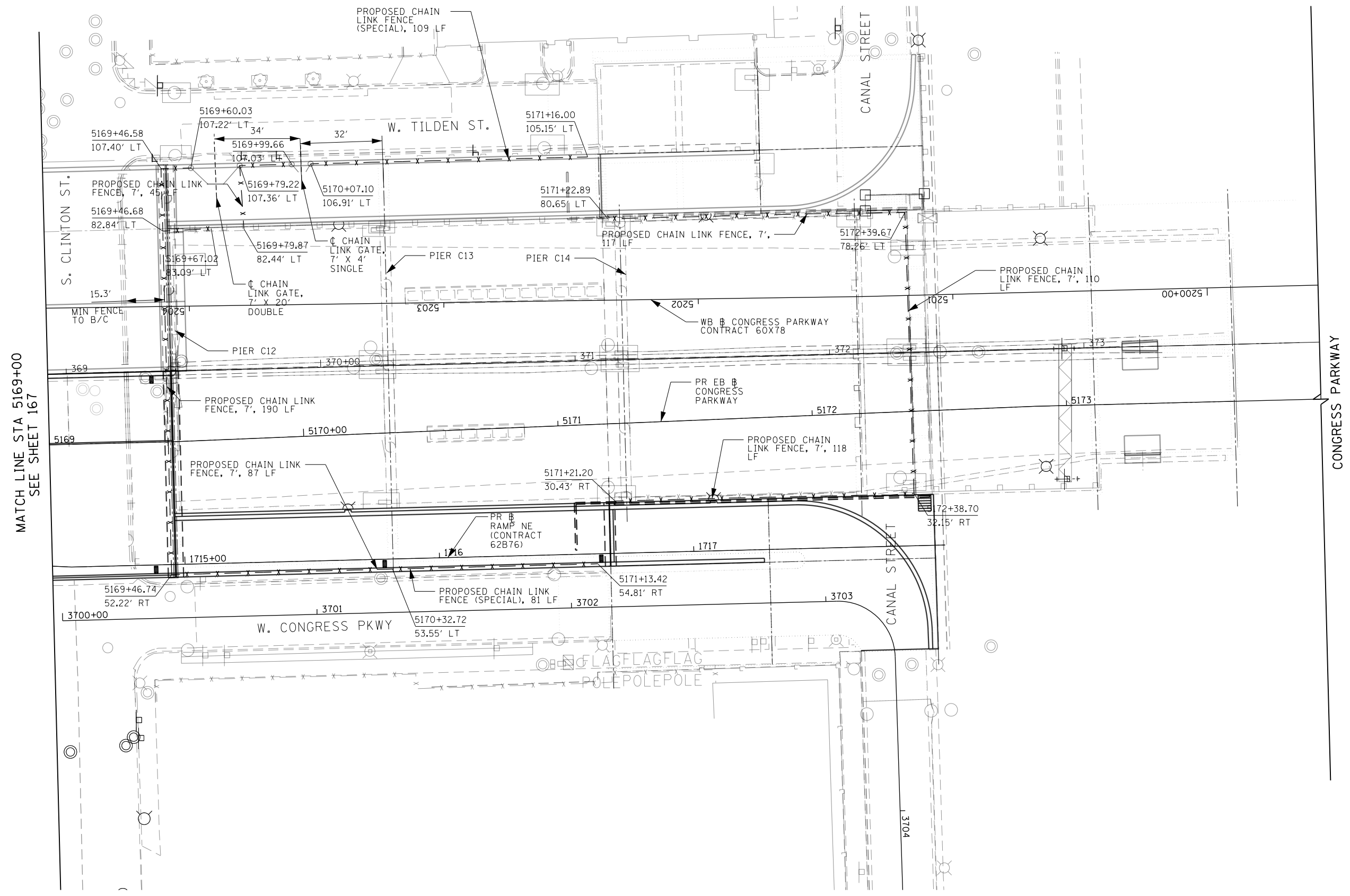
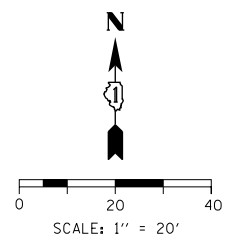
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CHECKED -	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED FENCING PLAN
 EB CONGRESS PARKWAY**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 5165+00 TO STA. 5169+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	167
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



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MATCH LINE STA 5169+00
SEE SHEET 167



DI60X75-SHT-FENCING-03.dgn
 USER NAME = vjjanachione
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 5/10/2017

DESIGNED - YSK	REVISED -
DRAWN - YSK	REVISED -
CHECKED - JLV	REVISED -
DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED FENCING PLAN
EB CONGRESS PARKWAY**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 5169+00 TO STA. 5174+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	168
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				

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PAVEMENT MARKING SCHEDULE

	SHEET	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	SO FT	SO FT	EACH	FOOT
PAVEMENT MARKING PLAN	5155+11.54 - 5162+00	-	752	203	1,074	582	-	5,059	-	-	-	-	-	-	-	-	357	-	-	-
PAVEMENT MARKING PLAN	5162+00 - 5174+00	226	802	376	1,383	-	-	1,055	-	-	-	203	-	-	-	-	295	444	-	226
PAVEMENT MARKING PLAN	5174+00 - 5186+00	291	-	-	-	-	-	2,088	427	-	179	-	36	294	-	-	-	1,175	-	291
PAVEMENT MARKING PLAN	5186+00 - 5188+50.25	-	-	-	-	-	37	249	189	151	224	29	64	-	-	-	-	247	-	-
PAVEMENT MARKING PLAN	9+00 - 21+00	-	-	-	-	-	-	-	1,084	-	-	-	-	-	111	-	-	1,393	111	-
PAVEMENT MARKING PLAN	21+00 - 33+00	-	-	-	-	-	-	-	137	-	-	-	-	-	15	-	-	256	15	-
TOTAL		517	1,554	579	2,457	582	37	8,451	1,837	151	403	232	100	294	126	653	3,515	126	517	



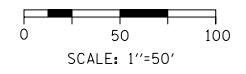
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PLOT DATE = 5/11/2017	DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SCHEDULE

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	169
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X75	



1. ALL FINAL STRIPING SHALL BE COORDINATED WITH EB I-290 WEST OF I-90/94 (CONTRACT 60X76) (BY OTHERS).
2. CONTRACTOR COORDINATION IS REQUIRED SO THAT THERE ARE NO CONFLICTING PAVEMENT MARKINGS BETWEEN CONTRACTS.

EPOXY PAVEMENT MARKING-LINE 12" YELLOW 45° CHEVRONS SPACED @ 150'

EPOXY PAVEMENT MARKING-LINE, 4" YELLOW EDGE LINE

EPOXY PAVEMENT MARKING-LINE 12", WHITE 45° CHEVRONS SPACED @ 30' CENTERS

PAVEMENT MARKING BY CONTRACT 60X76

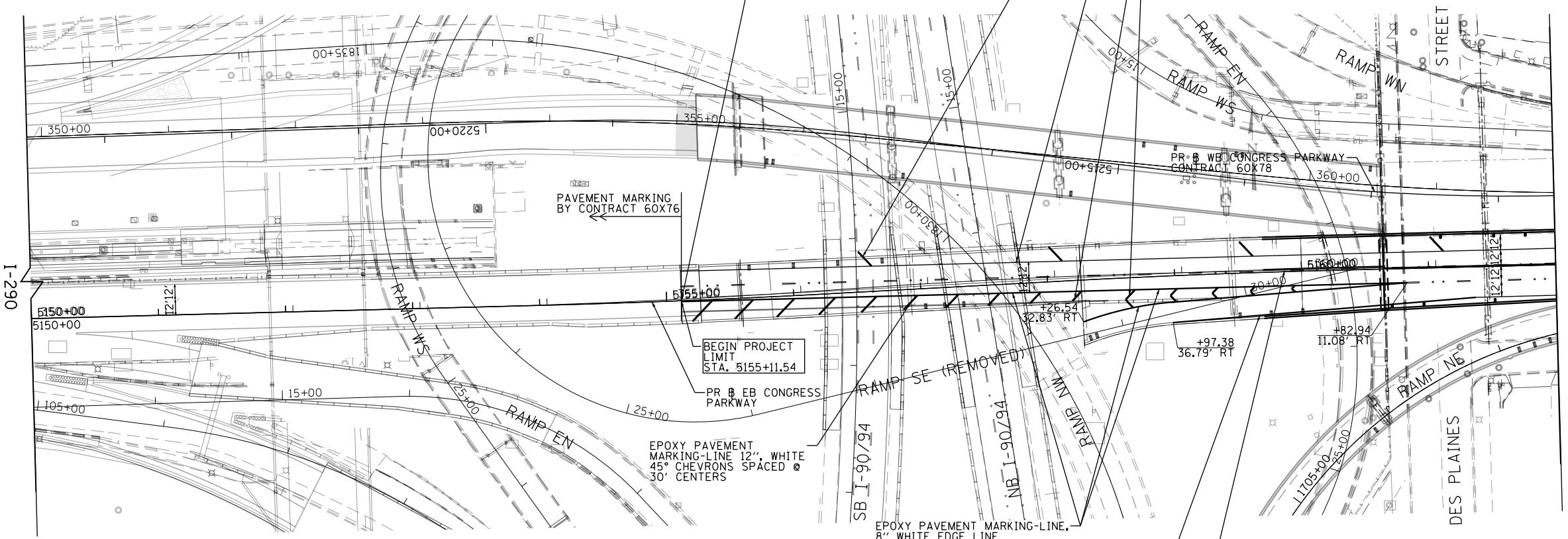
BEGIN PROJECT LIMIT STA. 5155+11.54

EPOXY PAVEMENT MARKING-LINE 12", WHITE 45° CHEVRONS SPACED @ 30' CENTERS

EPOXY PAVEMENT MARKING-LINE, 8" WHITE EDGE LINE

EPOXY PAVEMENT MARKING-LINE, 8" WHITE EDGE LINE

EPOXY PAVEMENT MARKING, TYPE B-LINE 5", WHITE 10' DASH, 30' SKIP



MATCH LINE STA 5162+00
SEE SHEET 171

PAVEMENT MARKING NOTES

1. ALL FINAL PAVEMENT MARKING MATERIALS PLACED ON PCC PAVEMENT SHALL BE MODIFIED URETHANE PAVEMENT MARKING AND PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING EXCEPT WHERE NOTED IN THE PLANS.
2. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE IMPROVEMENT LIMITS SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
3. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN ALL EXISTING PAVEMENT MARKINGS AND MARKERS FOR FUTURE REFERENCE. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE DIRECTED BY THE ENGINEER.
4. THE RESIDENT ENGINEER SHALL CONTACT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 AND ARTERIAL TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
5. PARTIAL STATIONS PROVIDED REFER TO PR & EB CONGRESS PARKWAY UNLESS OTHERWISE NOTED.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

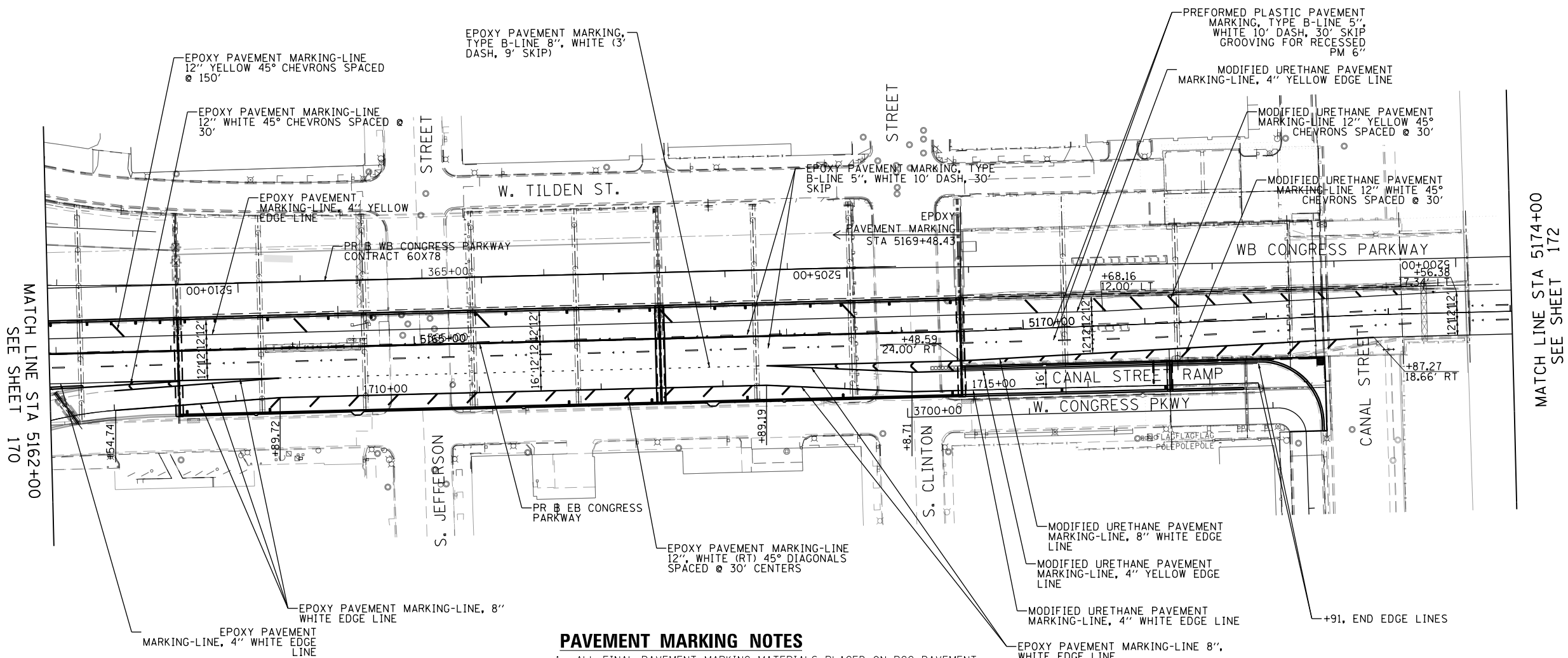
**PAVEMENT MARKING PLAN
EB CONGRESS PARKWAY**

SCALE: 1"=50' SHEET 1 OF 6 SHEETS STA. 5150+00 TO STA. 5162+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	170
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



0 50 100
SCALE: 1"=50'



PAVEMENT MARKING NOTES

1. ALL FINAL PAVEMENT MARKING MATERIALS PLACED ON PCC PAVEMENT SHALL BE MODIFIED URETHANE PAVEMENT MARKING AND PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING EXCEPT WHERE NOTED IN THE PLANS.
2. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE IMPROVEMENT LIMITS SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
3. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN ALL EXISTING PAVEMENT MARKINGS AND MARKERS FOR FUTURE REFERENCE. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE DIRECTED BY THE ENGINEER.
4. THE RESIDENT ENGINEER SHALL CONTACT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 AND ARTERIAL TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
5. PARTIAL STATIONS PROVIDED REFER TO PR EB CONGRESS PARKWAY UNLESS OTHERWISE NOTED.

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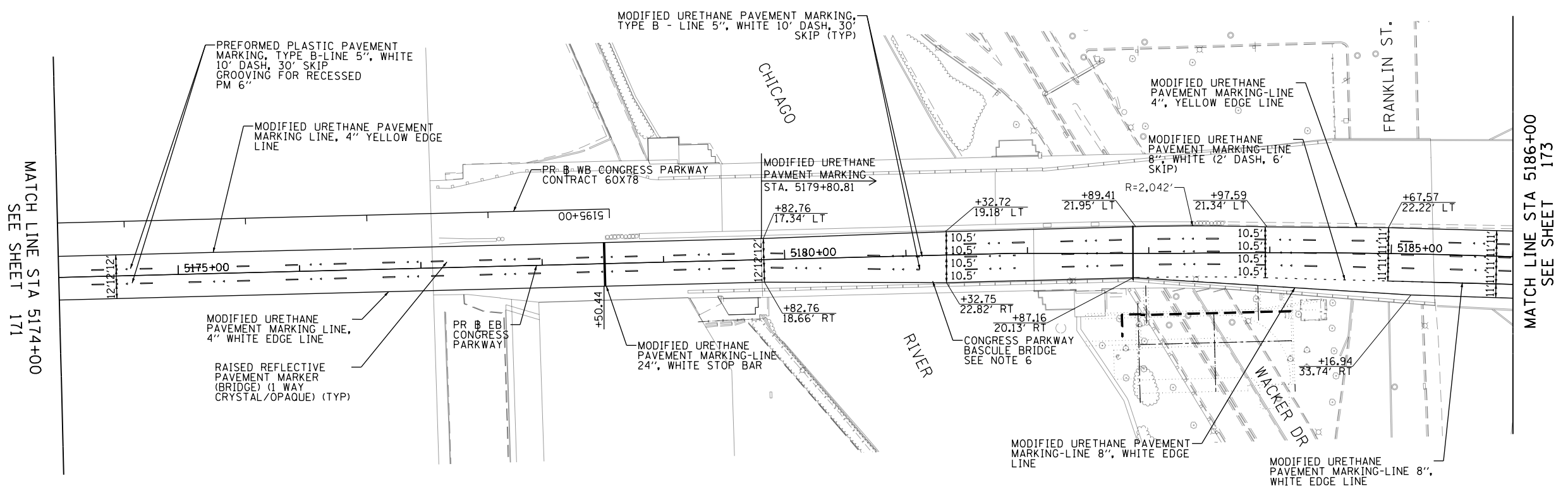
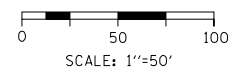
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
EB CONGRESS PARKWAY**

SCALE: 1"=50' SHEET 2 OF 6 SHEETS STA. 5162+00 TO STA. 5174+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	171
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING NOTES

1. ALL FINAL PAVEMENT MARKING MATERIALS PLACED ON PCC PAVEMENT SHALL BE MODIFIED URETHANE PAVEMENT MARKING AND PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING EXCEPT WHERE NOTED IN THE PLANS.
2. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE IMPROVEMENT LIMITS SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
3. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN ALL EXISTING PAVEMENT MARKINGS AND MARKERS FOR FUTURE REFERENCE. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE DIRECTED BY THE ENGINEER.
4. THE RESIDENT ENGINEER SHALL CONTACT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 AND ARTERIAL TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
5. PARTIAL STATIONS PROVIDED REFER TO PR \square EB CONGRESS PARKWAY UNLESS OTHERWISE NOTED.
6. PAVEMENT MARKING SHALL NOT BE GROOVED ON THE CONGRESS PARKWAY BASCULE BRIDGE

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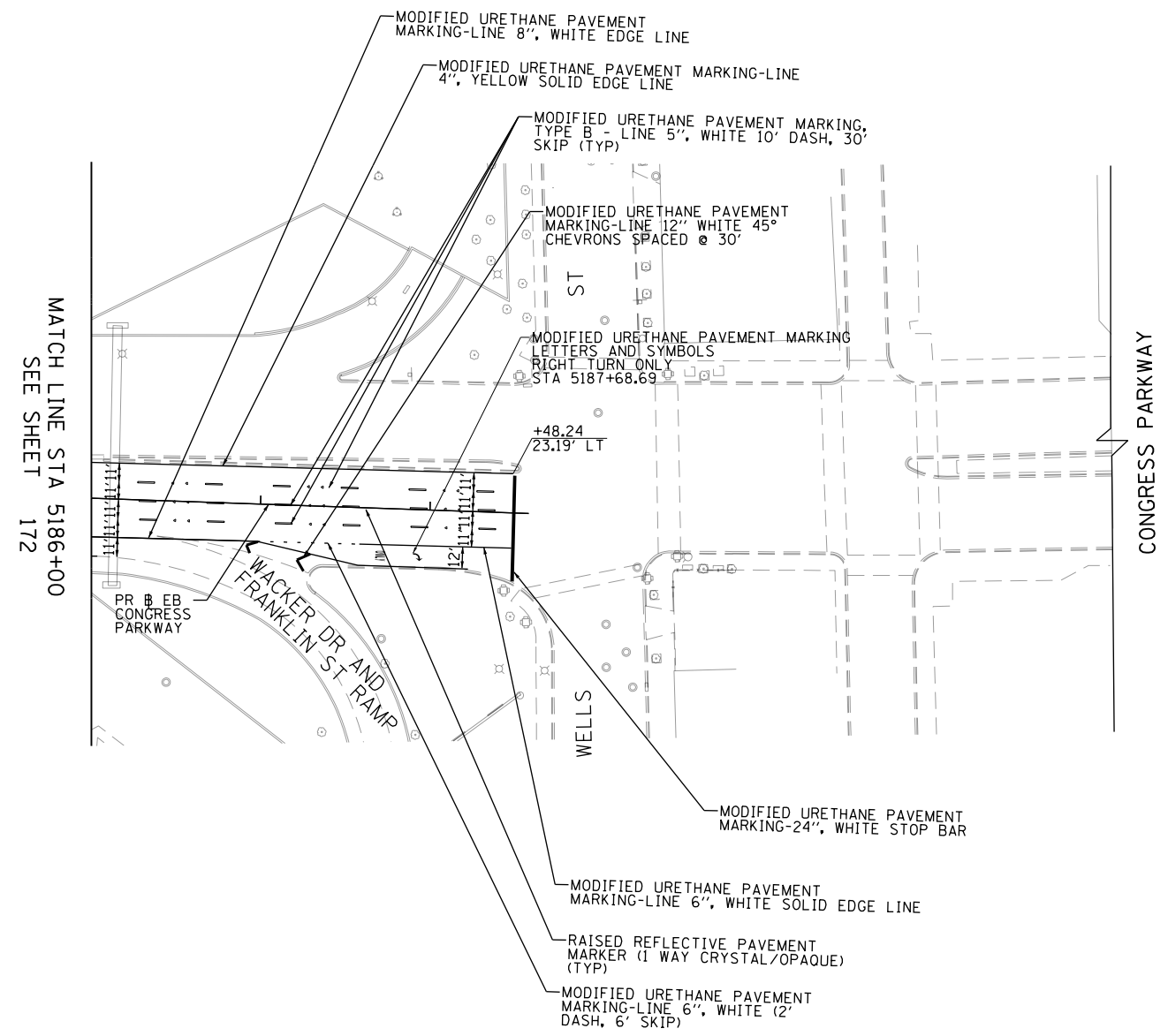
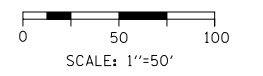
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
EB CONGRESS PARKWAY**

SCALE: 1"=50' SHEET 3 OF 6 SHEETS STA. 5174+00 TO STA. 5186+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	172
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING NOTES

1. ALL FINAL PAVEMENT MARKING MATERIALS PLACED ON PCC PAVEMENT SHALL BE MODIFIED URETHANE PAVEMENT MARKING AND PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING EXCEPT WHERE NOTED IN THE PLANS.
2. ALL FINAL PAVEMENT MARKING SYMBOLS SHALL BE OF LARGE SIZE.
3. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE IMPROVEMENT LIMITS SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
4. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN ALL EXISTING PAVEMENT MARKINGS AND MARKERS FOR FUTURE REFERENCE. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE DIRECTED BY THE ENGINEER.
5. THE RESIDENT ENGINEER SHALL CONTACT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 AND ARTERIAL TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
6. PARTIAL STATIONS PROVIDED REFER TO PR & EB CONGRESS PARKWAY UNLESS OTHERWISE NOTED.

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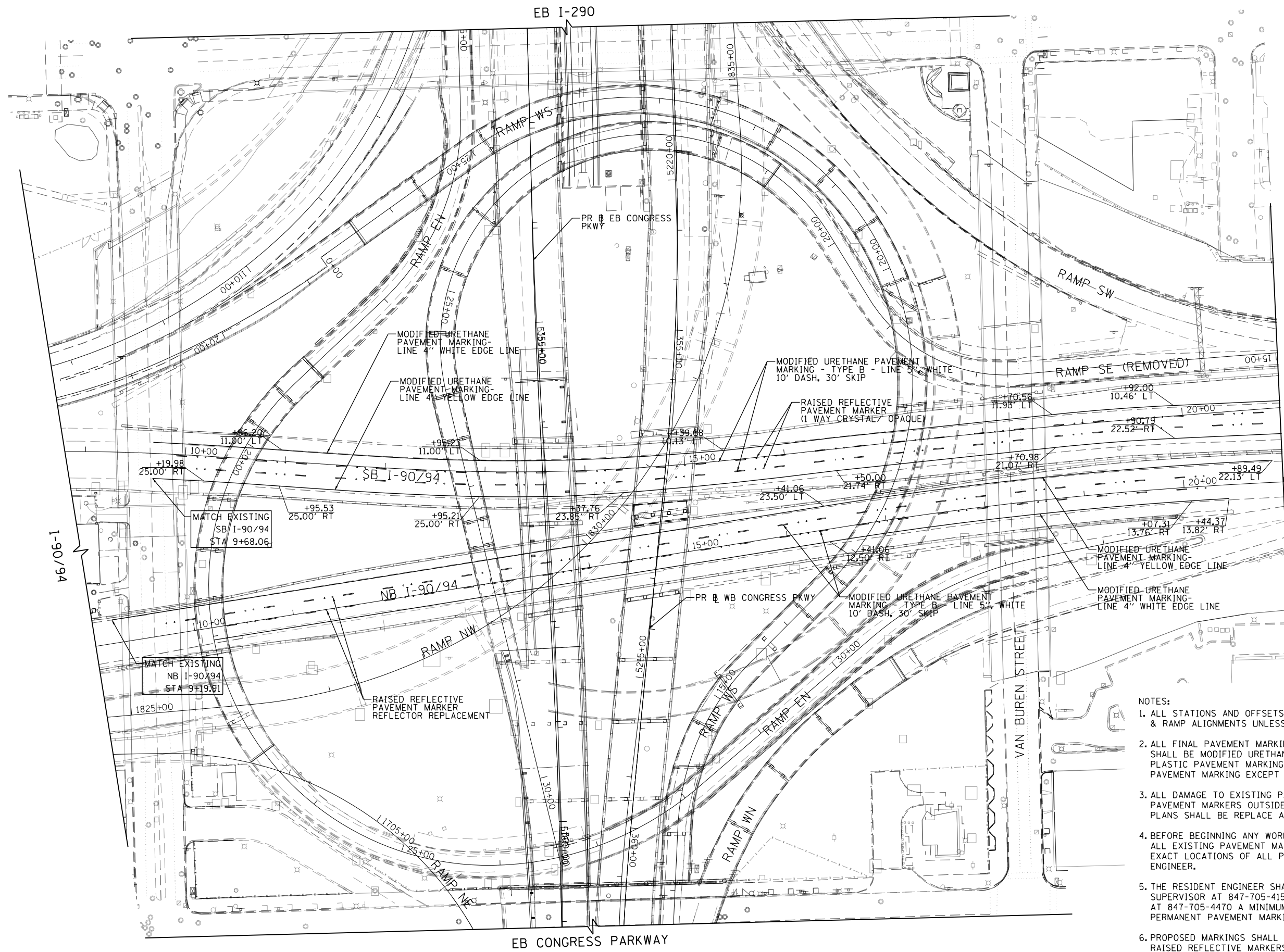
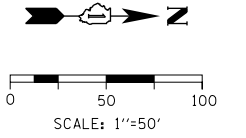
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
EB CONGRESS PARKWAY**

SCALE: 1"=50' SHEET 4 OF 6 SHEETS STA.5174+00 TO STA.5186+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	173
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 21+00 NB I-90/94
SEE SHEET 175

- NOTES:**
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
 2. ALL FINAL PAVEMENT MARKING MATERIALS PLACED ON PCC PAVEMENT SHALL BE MODIFIED URETHANE PAVEMENT MARKING AND PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING EXCEPT WHERE NOTED IN THE PLANS.
 3. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE IMPROVEMENT LIMITS SHOWN ON THE PLANS SHALL BE REPLACE AT THE CONTRACTOR'S EXPENSE.
 4. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN ALL EXISTING PAVEMENT MARKINGS AND MARKERS FOR FUTURE REFERENCE. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE DIRECTED BY THE ENGINEER.
 5. THE RESIDENT ENGINEER SHALL CONTACT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 AND ARTERIAL TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
 6. PROPOSED MARKINGS SHALL BE LAID OUT IN ORDER TO UTILIZE EXISTING RAISED REFLECTIVE MARKERS LOCATIONS. PROPOSED RAISED REFLECTIVE MARKER LOCATIONS ARE CALLED OUT IN THE PLANS ACCORDINGLY.

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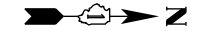
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

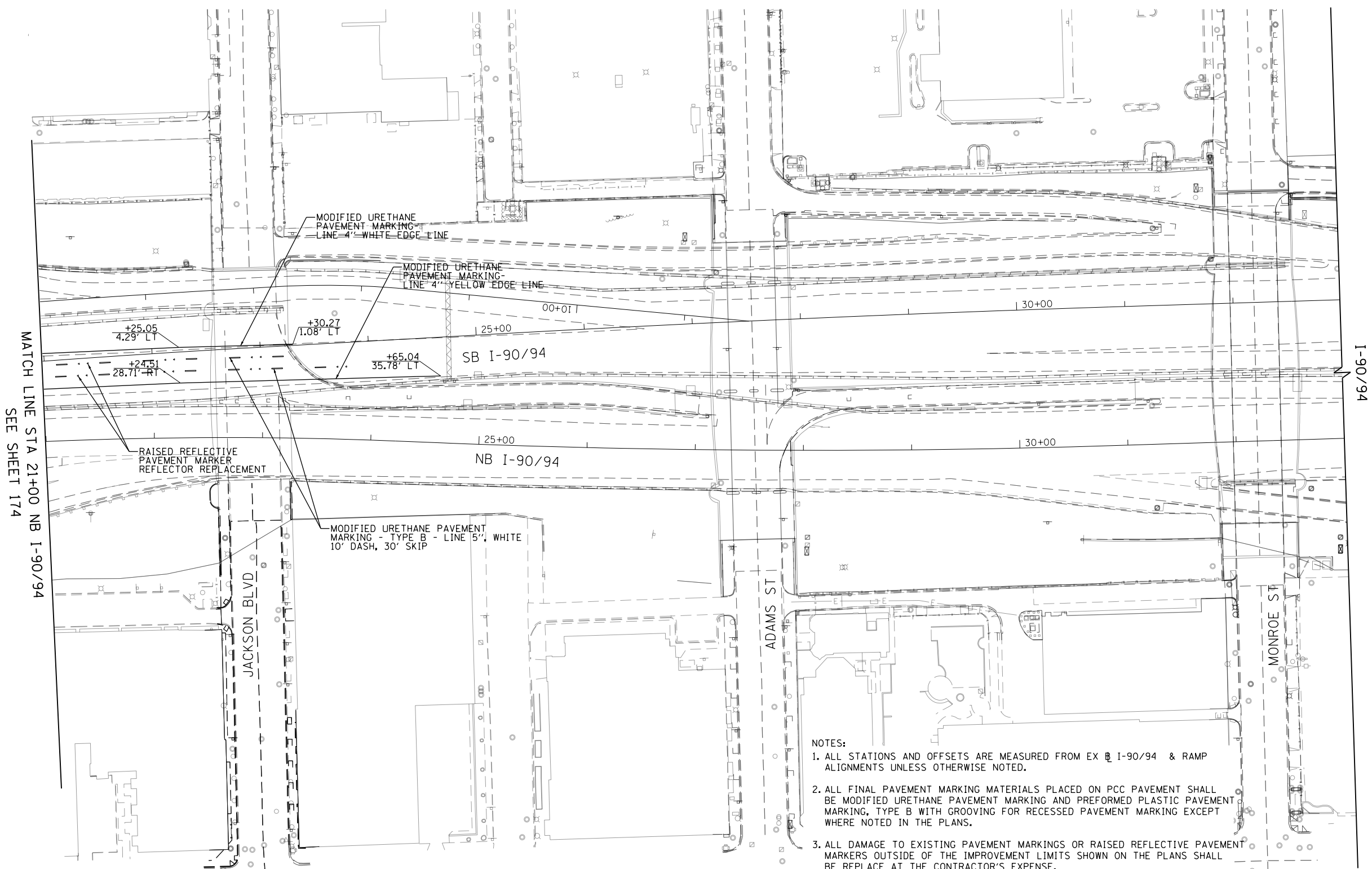
**PAVEMENT MARKING PLAN
I-9094**

SCALE: 1"=50' SHEET 5 OF 6 SHEETS STA. 9+00 TO STA. 21+00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	174
			CONTRACT NO. 60X75	
ILLINOIS FED. AID PROJECT				



0 50 100
SCALE: 1"=50'



NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX B I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. ALL FINAL PAVEMENT MARKING MATERIALS PLACED ON PCC PAVEMENT SHALL BE MODIFIED URETHANE PAVEMENT MARKING AND PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING EXCEPT WHERE NOTED IN THE PLANS.
3. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE IMPROVEMENT LIMITS SHOWN ON THE PLANS SHALL BE REPLACE AT THE CONTRACTOR'S EXPENSE.
4. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN ALL EXISTING PAVEMENT MARKINGS AND MARKERS FOR FUTURE REFERENCE. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE DIRECTED BY THE ENGINEER.
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6. PROPOSED MARKINGS SHALL BE LAID OUT IN ORDER TO UTILIZE EXISTING RAISED REFLECTIVE MARKERS LOCATIONS. PROPOSED RAISED REFLECTIVE MARKER LOCATIONS ARE CALLED OUT IN THE PLANS ACCORDINGLY.

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DRAWN - BAW	REVISED -
CHECKED - JLV	REVISED -
DATE - 5/10/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
I-90/94

SCALE: 1"=50' SHEET 6 OF 6 SHEETS STA. 21+00 TO STA. 33+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	175
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				

SIGNING REMOVAL AND PROPOSED SIGNING SCHEDULE, CONTINUED

LOCATION	SIGN NO.	LEGEND/DESCRIPTION	SIGN TYPE	LOCATION (STATION/OFFSET)		EXISTING AND/OR PROPOSED PANEL DIMENSIONS		SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	SIGN PANEL - TYPE 3	REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE B	REMOVE SIGN PANEL - TYPE 1	REMOVE SIGN PANEL - TYPE 2	REMOVE SIGN PANEL - TYPE 3	METAL POST - TYPE B	WOOD SIGN SUPPORT	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE I-C-A (24" X 4'-6")	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5'-6")	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	BASE FOR SIGN SUPPORT, SPECIAL			
						WIDTH (FT)	HEIGHT (FT)																	
CONGRESS PARKWAY	EX-22-ST	ONE WAY, (RIGHT)	R6-2R	5164+65.41	51.4' RT	1.50	2.00																	
	EX-23-ST	PARK CHICAGO PAY AT BOX	CUSTOM	5164+77.55	39.5' RT	1.50	2.00						3											
	EX-24-ST	NO PARK, TOW ZONE, (RIGHT ARROW)	R7-NO PARKING	5165+63.90	53.9' RT	1.50	1.50																	
	EX-25-ST	NO PARKING, EXCEPT PERMIT, (NO ARROW)	R7-NO PARKING	5165+91.14	54.6' RT	1.50	1.50							3										
	EX-26A-ST	NO PARKING, EXCEPT PERMIT, (LEFT ARROW)	R7-NO PARKING	5168+35.81	54.34' RT	1.50	1.50																	
	EX-26B-ST	NO PARKING, TOW ZONE, (RIGHT ARROW)	R7-NO PARKING			1.50	1.50			1														
	EX-27-ST	ONE WAY, (RIGHT)	R6-2R	5169+33.76	47.3' RT	1.50	2.00																	
	EX-28-ST	NO PARKING, EXCEPT PERMIT (NO ARROW)	R7-NO PARKING	5169+58.12	54.58' RT	1.50	1.50																	
	EX-29A-ST	NO PARKING, TOE ZONE, (RIGHT ARROW)	R7-NO PARKING	5171+59.60	55.90' RT	1.50	1.50																	
	EX-29B-ST	NO PARKING, EXCEPT PERMIT, (LEFT ARROW)	R7-NO PARKING			1.50	1.50			1														
	PR-22-ST	ONE WAY, (RIGHT)	R6-2R			5164+65.41	51.4' RT	1.50	2.00	3									14					1
	PR-23-ST	PARK CHICAGO PAY AT BOX	CUSTOM	5164+77.55	39.5' RT	1.50	2.00	3									14					1		
	PR-24-ST	NO PARK, TOW ZONE, (RIGHT ARROW)	R7-NO PARKING	5165+63.90	53.9' RT	1.50	1.50	3									14					1		
	PR-25-ST	NO PARKING, EXCEPT PERMIT, (NO ARROW)	R7-NO PARKING	5165+91.14	54.6' RT	1.50	1.50	3									14					1		
	PR-26A-ST	NO PARKING, EXCEPT PERMIT, (LEFT ARROW)	R7-NO PARKING	5168+35.81	54.34' RT	1.50	2.00	3									16						1	
	PR-26B-ST	NO PARKING, TOW ZONE, (RIGHT ARROW)	R7-NO PARKING			1.50	1.50	3																1
	PR-27-ST	ONE WAY, (RIGHT)	R6-2R	5169+33.76	47.3' RT	1.50	2.00	3									14					1		
	PR-28-ST	NO PARKING, EXCEPT PERMIT (NO ARROW)	R7-NO PARKING	5169+58.12	54.58' RT	1.50	1.50	3									14					1		
	PR-29A-ST	NO PARKING, TOE ZONE, (RIGHT ARROW)	R7-NO PARKING	5171+59.60	55.90' RT	1.50	1.50	3									15						1	
	PR-29B-ST	NO PARKING, EXCEPT PERMIT, (LEFT ARROW)	R7-NO PARKING			1.50	1.50	3																1
PR-36-OH	CANAL STREET EXIT ONLY (DOWN ARROW)	E11-1	5164+58.65	51.63' RT	14.50	7.00			102										30					
CANAL STREET	EX-30-ST	WRONG WAY	R5-1	5171+53.72	55.80' RT	3.00	2.00						6											
	EX-31-ST	WRONG WAY	R5-1	5171+54.07	33.75' RT	3.00	2.00						6											
	EX-32-ST	DO NOT ENTER	R5-1a	5171+78.61	56.20' RT	2.50	2.50						7											
	EX-33-ST	DIRECTIONAL RIGHT ARROW	W1-6R	5172+25.59	42.54' RT	4.00	2.00						8											
	PR-30-ST	WRONG WAY	R5-1	5171+53.72	55.80' RT	3.00	2.00	6								14						1		
	PR-31-ST	WRONG WAY	R5-1	5171+54.07	33.75' RT	3.00	2.00	6								14						1		
	PR-32-ST	DO NOT ENTER	R5-1a	5171+78.61	56.20' RT	2.50	2.50	7								15						1		
	PR-33-ST	DIRECTIONAL RIGHT ARROW	W1-6R	5172+25.59	42.54' RT	4.00	2.00	8								14						1		
SUB-TOTAL						57	0	102	2	0	45	0	0	172	0	0	18	30	0	12				
TOTAL						87	215	298	6	3	51	107	234	315	16	18	60	2	21					

NOTE:
1. THE DIMENSIONS OF THE EXISTING SIGN PANELS SHOWN WITH AN ASTERISK (*) ARE APPROXIMATED FOR QUANTITY PURPOSES.
THE CONTRACTOR SHALL FIELD VERIFY THE EXACT SIGN PANEL DIMENSIONS. FIELD ADJUSTMENT MAY BE REQUIRED.

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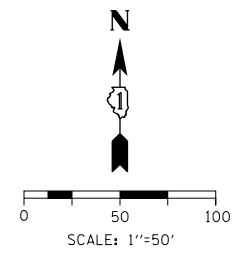
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN SCHEDULE EB CONGRESS PARKWAY			
SCALE: NONE	SHEET 2 OF 2 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	177
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

SIGNING NOTES

1. SEE SIGN SCHEDULE FOR SIGN PANEL AND MOUNTING INFORMATION.
2. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN ALL EXISTING SIGN INFORMATION FOR FUTURE REFERENCE. EXACT LOCATIONS OF ALL SIGNS SHALL BE DIRECTED BY THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. THE CONTRACTOR SHALL CONTACT THE DISTRICT OF ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND THE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK ON OVERHEAD SIGNS AND OVERHEAD SIGN STRUCTURES.



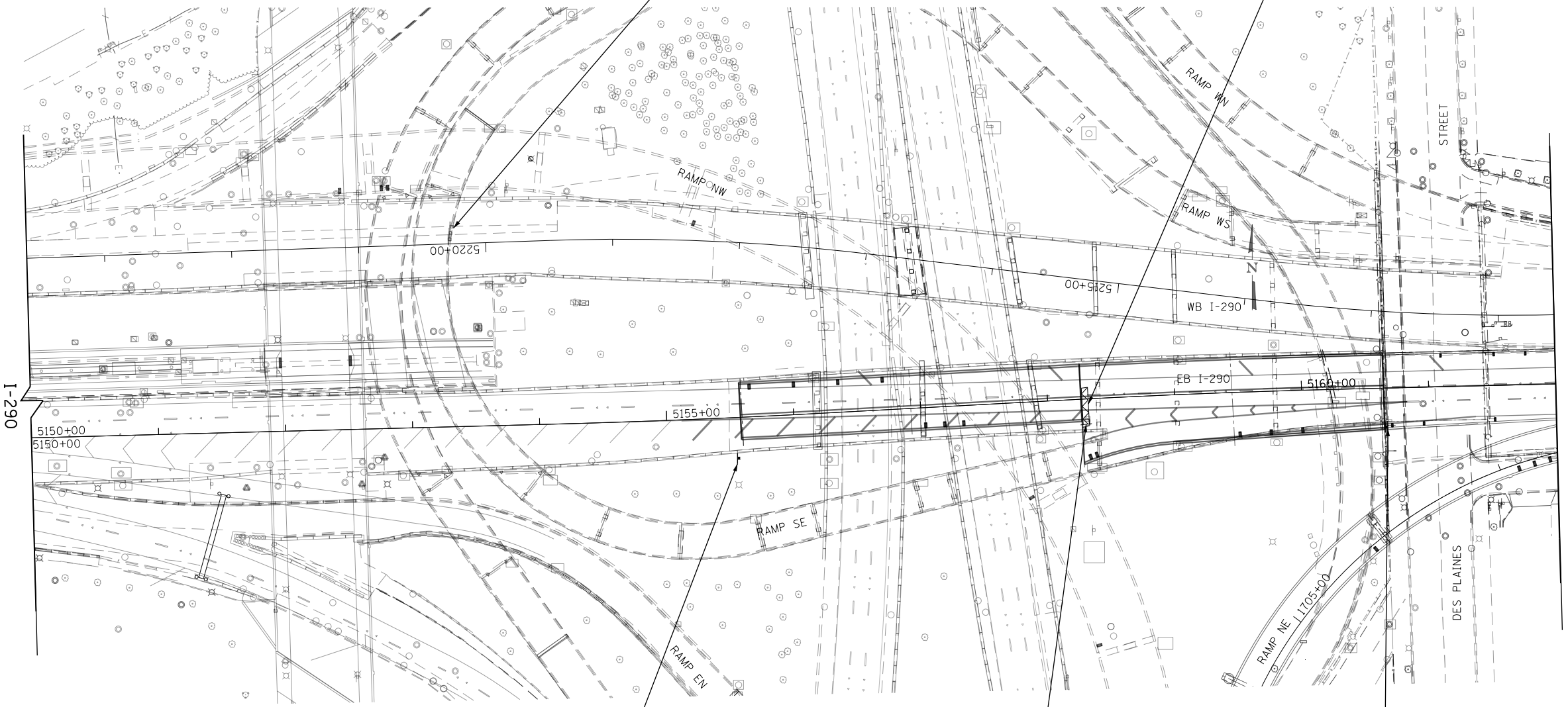
**EXIT TO
MORGAN ST
PROHIBITED**

SPECIAL (138"x72")
REMOV SIGN PANEL T3 BY OTHERS
(CONTRACT 60X61)
BRIDGE MOUNT REMOVAL TO BE
INCLUDED IN REMOVAL OF EXISTING
STRUCTURE NO. 3
STA 353+21, 6.6' LT
(EX $\frac{1}{2}$ WB I-290)



PR-02-TM
W4-3 (48"x48")
PR. SIGN PANEL T2
STA. 5158+29.22

EX-02-TM
W4-3 (48"x48")
REMOV SIGN PANEL T2
STA. 5158+29.22



MATCH LINE STA 5162+00
SEE SHEET 179

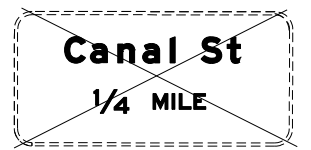
EX-01-WP
SPECIAL (3'x5')
PR. SIGN PANEL T2
STA 5155+54.45



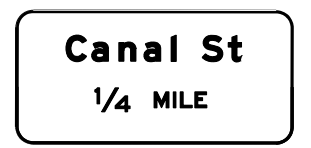
PR-01-WP
SPECIAL (3'x5')
PR. SIGN PANEL T2
STA 5155+54.45



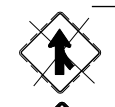
EX-03-OH
E11-1 (14.5'x7')
REMOV SIGN PANEL T3
STA 5158+29.22



PR-03-OH
E11-1 (14.5'x7')
PR. SIGN PANEL T3
STA 5158+29.47



EX-04-MP
W4-1R (48"x48")
REMOV SIGN PANEL T2
STA 5160+68.89



PR-04-MP
W4-1R (48"x48")
PROPOSED SIGN PANEL T2
STA 5160+68.89

**SIGN NUMBERING CODE
EXAMPLE**

DIRECTION OF TRAFFIC	NB-03-LP	MOUNTING TYPE
TL - TILDEN STREET		ST - STEEL POST
CN - CANAL STREET		TS - TELESCOPING STEEL
VN - VAN BUREN STREET		MP - METAL POST
WB - WESTBOUND I-290		LP - LIGHT POLE BANDING
EX - EXISTING		SP - SIGNAL POLE BANDING
SIGN PANEL NUMBER		SA - SIGNAL POLE MAST ARM
		BM - BRIDGE MOUNTED
		PM - PARAPET MOUNTED
		PP - PEDESTRIAN PUSH BUTTON
		BS - BREAKAWAY STEEL
		WP - WOOD POST
		OV - OVERHEAD
		TM - SIGN TRUSS MOUNTED
		(S) - SPECIAL

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PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

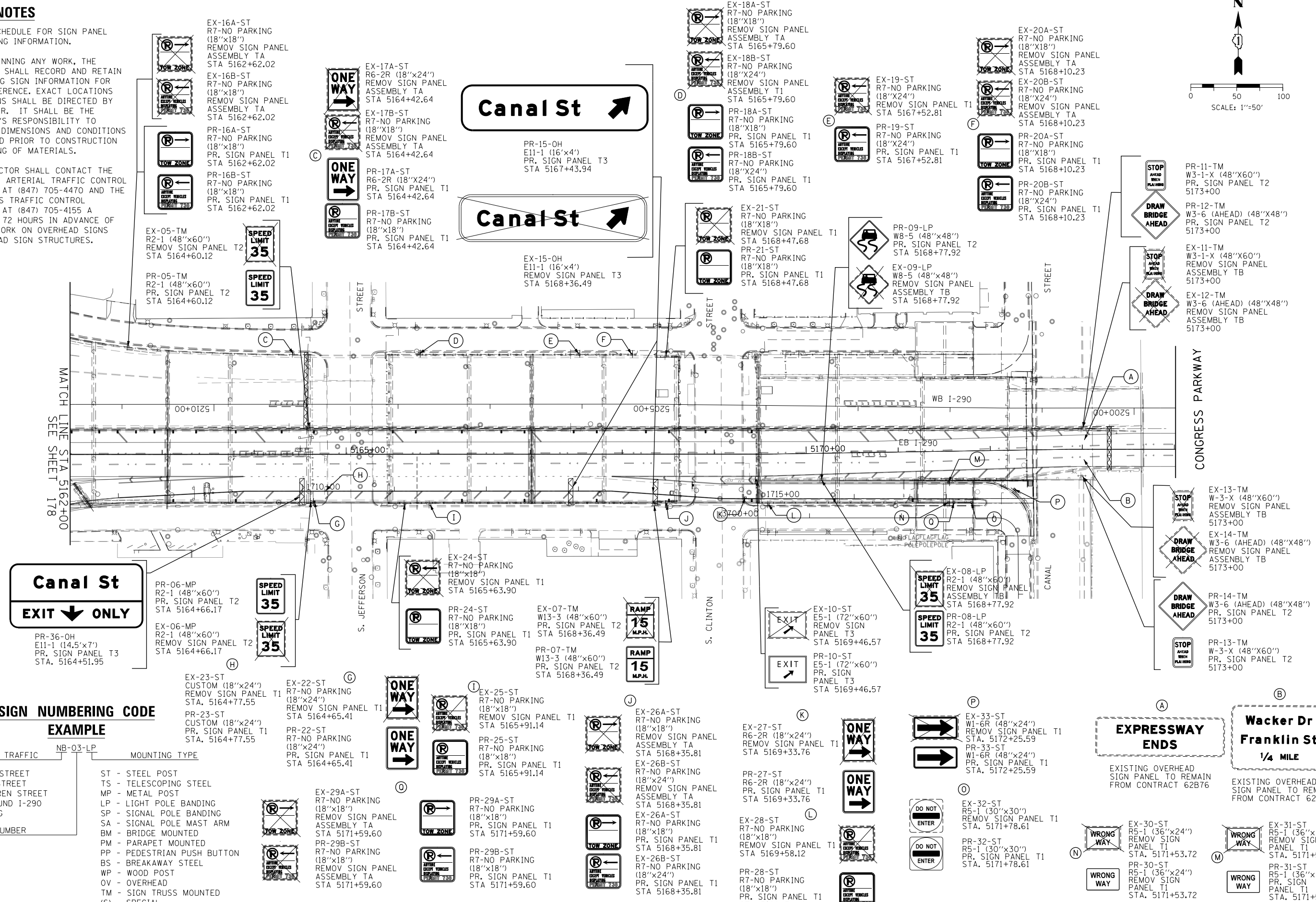
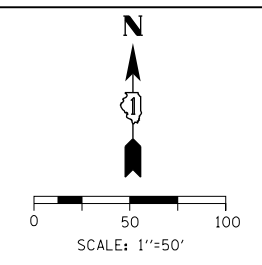
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN		
EB CONGRESS PARKWAY		
SCALE: 1"=50'	SHEET 1 OF 2 SHEETS	STA. 5150+00 TO STA. 5162+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	178
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				

SIGNING NOTES

- SEE SIGN SCHEDULE FOR SIGN PANEL AND MOUNTING INFORMATION.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN ALL EXISTING SIGN INFORMATION FOR FUTURE REFERENCE. EXACT LOCATIONS OF ALL SIGNS SHALL BE DIRECTED BY THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
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SIGN NUMBERING CODE EXAMPLE

DIRECTION OF TRAFFIC	NB-03-LP	MOUNTING TYPE
TL - TILDEN STREET		ST - STEEL POST
CN - CANAL STREET		TS - TELESCOPING STEEL
VN - VAN BUREN STREET		MP - METAL POST
WB - WESTBOUND I-290		LP - LIGHT POLE BANDING
EX - EXISTING		SP - SIGNAL POLE BANDING
		SA - SIGNAL POLE MAST ARM
		BM - BRIDGE MOUNTED
		PM - PARAPET MOUNTED
		PP - PEDESTRIAN PUSH BUTTON
		BS - BREAKAWAY STEEL
		WP - WOOD POST
		OV - OVERHEAD
		TM - SIGN TRUSS MOUNTED
		(S) - SPECIAL

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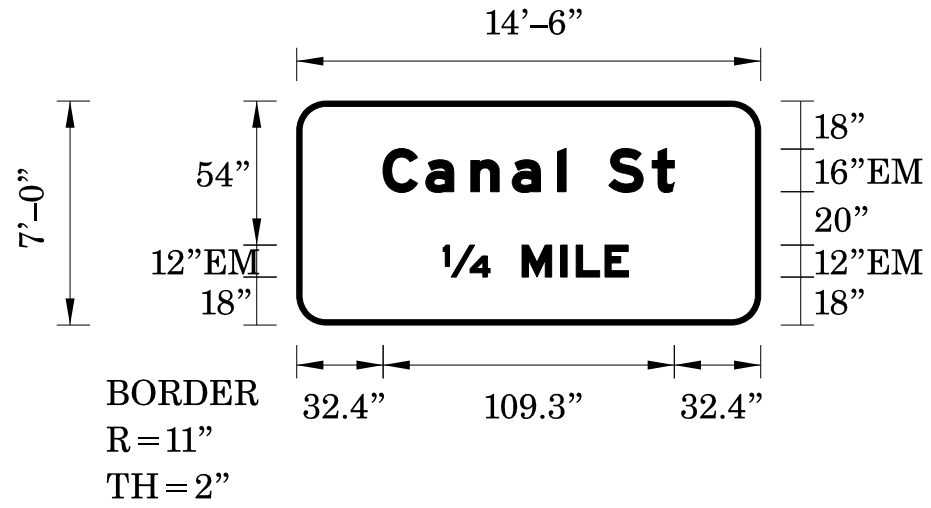
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNING PLAN EB CONGRESS PARKWAY

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA.5162+00 TO STA.5174+00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	179
				CONTRACT NO. 60X75
ILLINOIS FED. AID PROJECT				

SIGN DETAIL



Panel Style: guide_exp_overhead.ssi
 Dimensions are in inches.tenths
 Letter locations are panel edge to lower left corner

SIGN NUMBER	PR-03-OH
WIDTH x HGHT.	14'-6" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	11"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)										LENGTH	SERIESSIZE
C	a	n	a	l	S	t					EM 2000
32.4	48.4	65.3	80.8	97.8	101	117	133.3			109.3	1612
14											EM 2000
54.9										17.6	12
M	I	L	E								EM 2000
84.5	99	104.8	115.6							40	12

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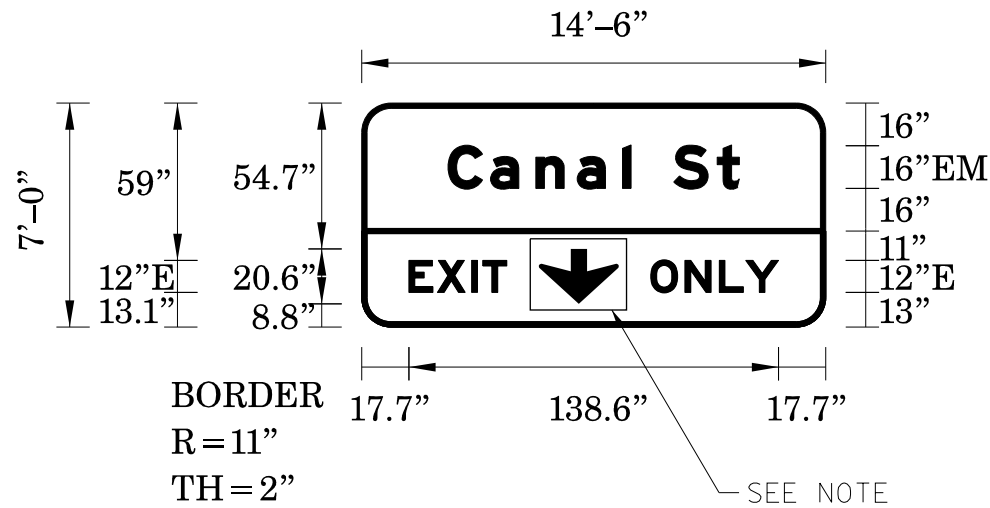
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAILS

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	180
CONTRACT NO. 60X75			ILLINOIS FED. AID PROJECT	

SIGN DETAIL



Panel Style: guide_exp_overhead.ssi
 Dimensions are in inches.tenths
 Letter locations are panel edge to lower left corner

SIGN NUMBER	PR-36-OH
WIDTH x HGHT.	14'-6" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	11"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ
	COLOR: White

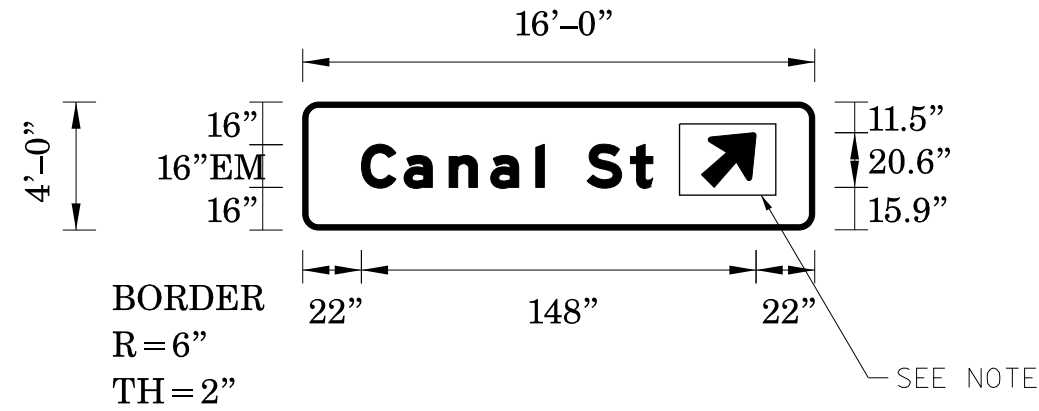
SYMBOL	ROT	X	Y	WID	HT
ARROWDOWN	0	66.4	8.8	30	20.6

LETTER POSITIONS (X)										LENGTH	SERIESSIZE	
C	a	n	a	l	S	t					EM 2000	
32.4	48.4	65.3	80.8	97.8	101	117	133.3				109.3	1612
E	X	I	T									E 2000
17.7	28.4	41.2	45.4								36.7	12
O	N	L	Y									E 2000
108.4	121.3	134.1	144.1								47.9	12

NOTE: ALL ARROWS (DOWN OR 45°) USED ON OVERHEAD SIGNS SHALL BE DEMOUNTABLE AND INCLUDED IN THE COST OF THE SIGN PANEL.

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SIGN DETAIL



Panel Style: guide_exp_overhead.ssi
 Dimensions are in inches.tenths
 Letter locations are panel edge to lower left corner

SIGN NUMBER	PR-15-OH
WIDTH x HGHT.	16'-0" x 4'-0"
BORDER WIDTH	2"
CORNER RADIUS	6"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT
AR_Type B	315	149.5	16	22.2	25.2

LETTER POSITIONS (X)													LENGTH	SERIESSIZE	
C	a	n	a	l		S	t							EM 2000	
22	38	55	70.5	87.4	90.6	106.6	123							109.3	1612

NOTE: ALL ARROWS (DOWN OR 45°) USED ON OVERHEAD SIGNS SHALL BE DEMOUNTABLE AND INCLUDED IN THE COST OF THE SIGN PANEL.

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DI60X75-SHT-Sign-Detail-01.dgn	DESIGNED -	REVISED -
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PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

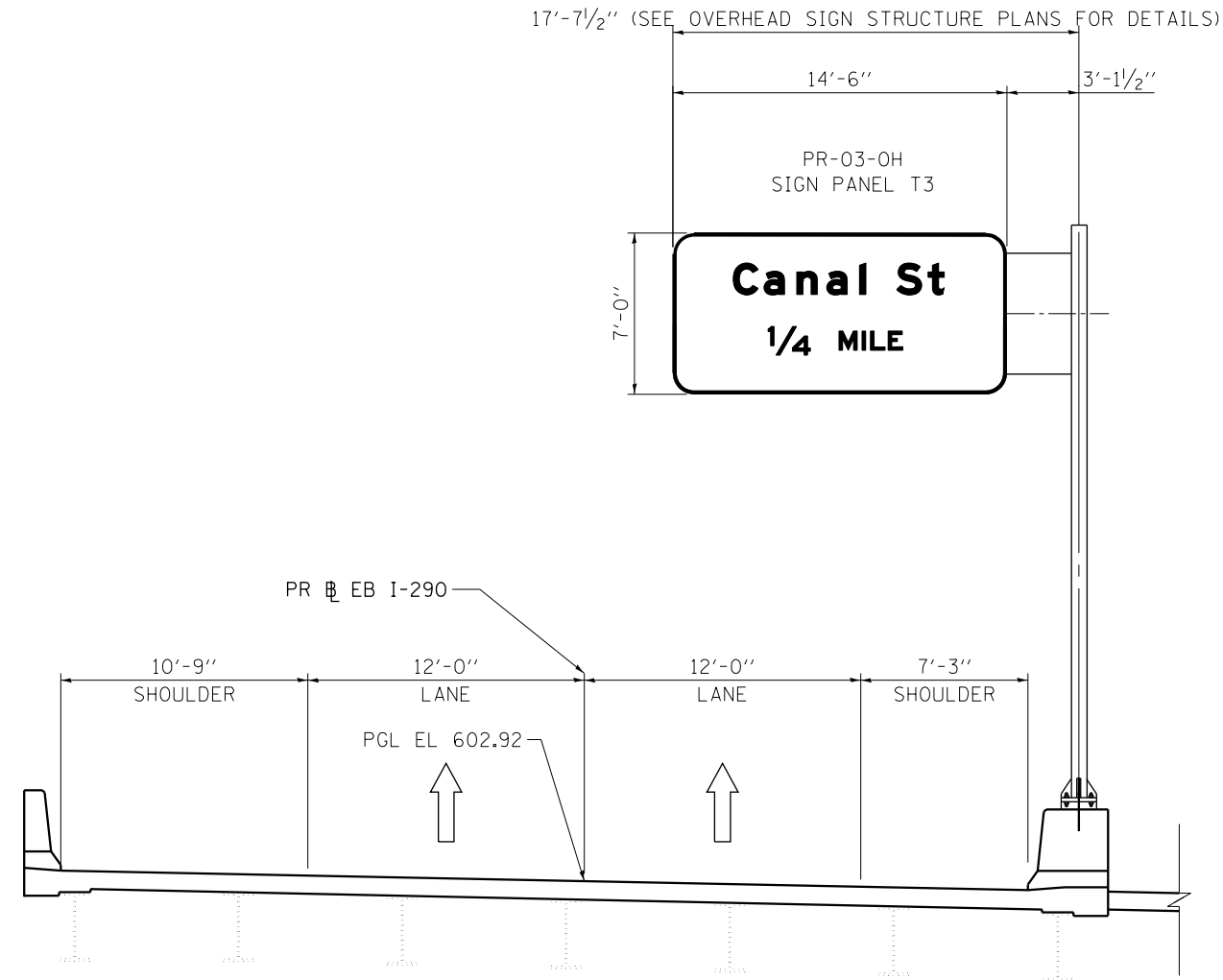
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
 SIGN PANEL DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	182
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X75	

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OVERHEAD SIGN STRUCTURE SN 1C16I290R030.0
STA 5158 + 29.47
PR EB I-290 (CONGRESS PARKWAY)
(LOOKING EAST)



DI60X75-SHT-Sign-05.dgn	DESIGNED - KKY	REVISED -
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PLOT SCALE = 8.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

DESIGNED - KKY	REVISED -
DRAWN - MRC	REVISED -
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DATE - 5/10/2017	REVISED -

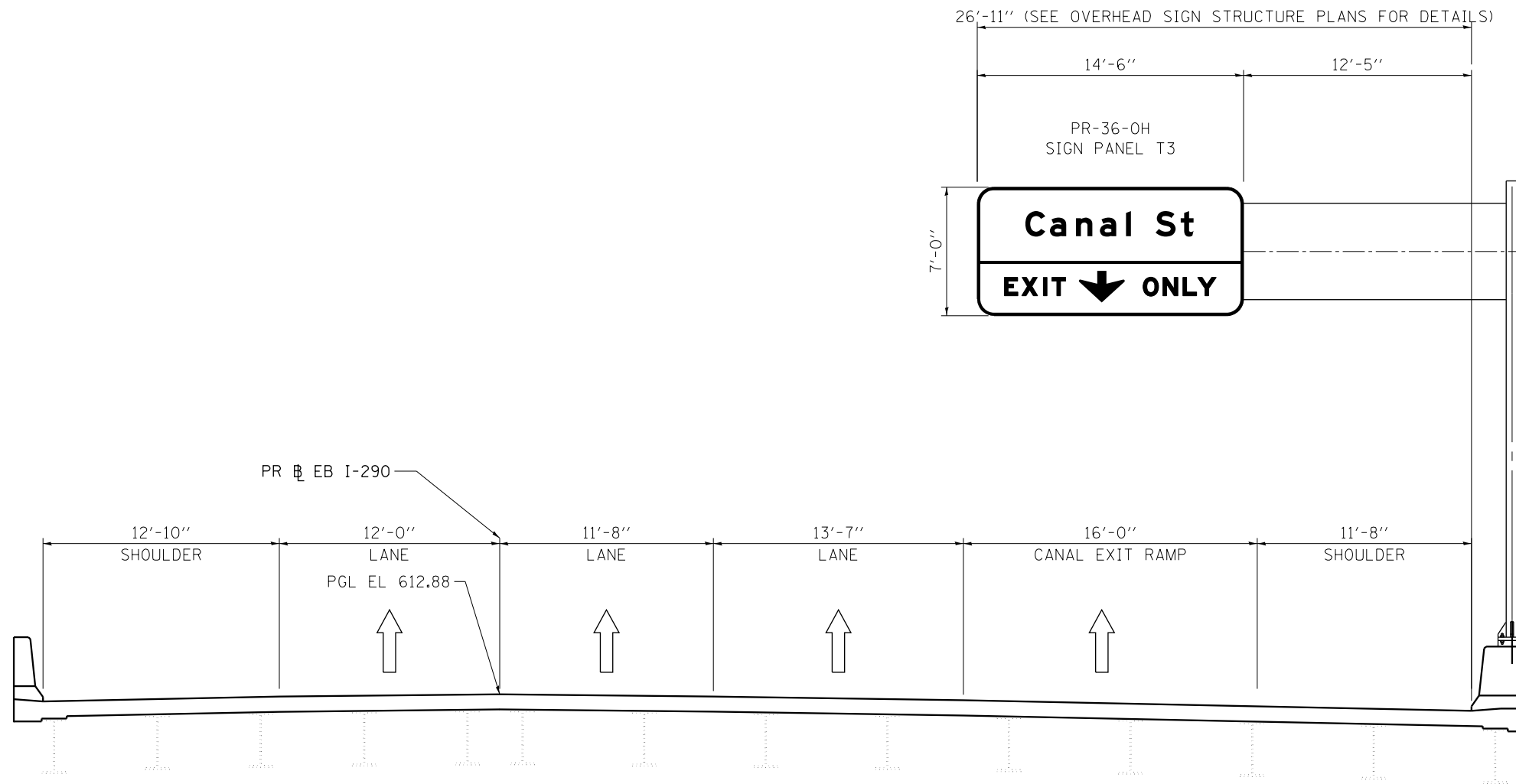
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PLACEMENT DETAILS

SCALE: N.T.S. SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	183
CONTRACT NO. 60X75			ILLINOIS FED. AID PROJECT	

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OVERHEAD SIGN STRUCTURE SN 1C16I290R030.2
STA 5164 + 51.95
PR EB I-290 (CONGRESS PARKWAY)
(LOOKING EAST)



DI60X75-SHT-Sign-03.dgn	DESIGNED - KKY	REVISED -
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PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

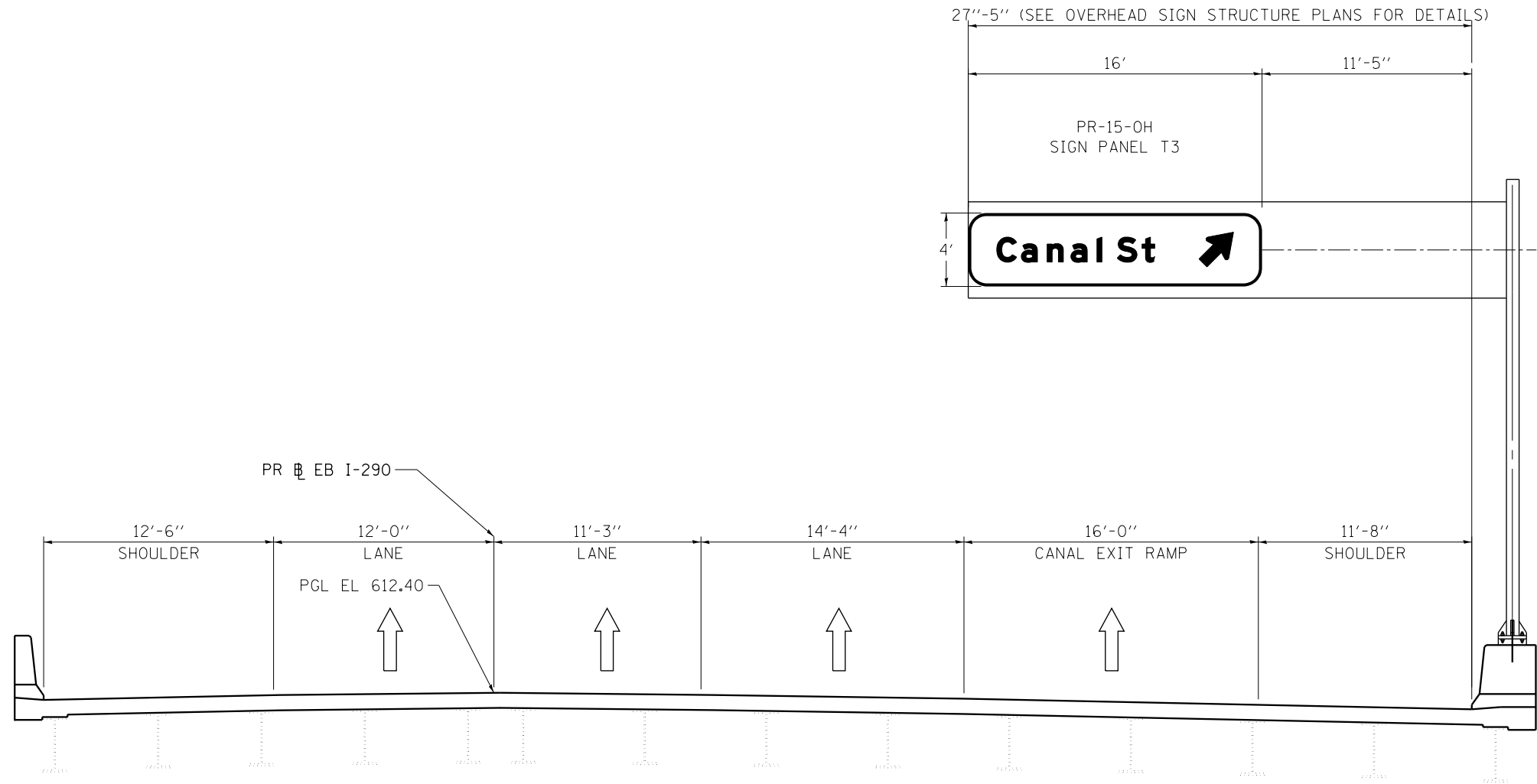
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PLACEMENT DETAILS

SCALE: N.T.S. SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	184
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X75	

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OVERHEAD SIGN STRUCTURE SN 1C16I290R030.3
STA 5167+43.94
PR EB I-290 (CONGRESS PARKWAY)
(LOOKING EAST)



DI60X75-SHT-Sign-04.dgn	DESIGNED - KKY	REVISED -
USER NAME = v1janachione	DRAWN - MRC	REVISED -
PLOT SCALE = 8.0000' / 1" =	CHECKED - MKW	REVISED -
PLOT DATE = 5/10/2017	DATE - 5/10/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES			
SIGN PLACEMENT DETAILS			
SCALE: N.T.S.	SHEET 6	OF 6 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	185
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X75	

GENERAL NOTES

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

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

LOADING: 90 M.P.H. WIND VELOCITY

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

DESIGN STRESSES:

Field Units
 $f_c = 3,500$ p.s.i.
 $f_y = 60,000$ p.s.i. (reinforcement)

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

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53.

All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer.

The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

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

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

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

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

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

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

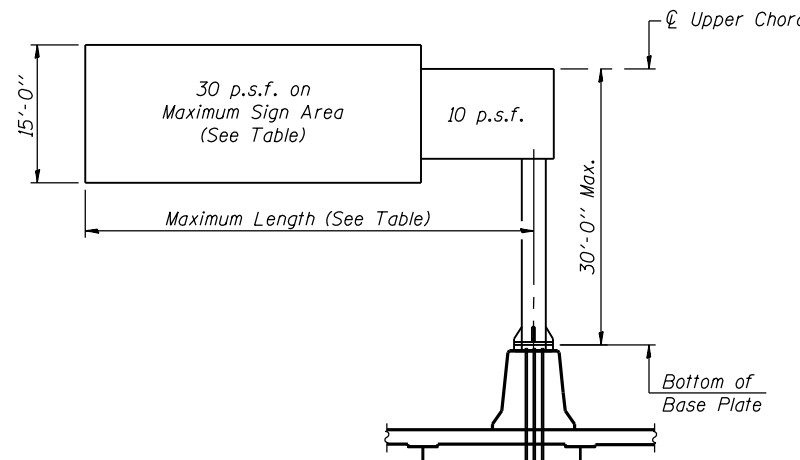
FOUNDATIONS: The contract unit price for Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE CANTILEVER TYPE I-C-A	Foot	18
OVERHEAD SIGN STRUCTURE CANTILEVER TYPE II-C-A	Foot	-
OVERHEAD SIGN STRUCTURE CANTILEVER TYPE III-C-A	Foot	-
OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	Foot	-
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	-

Structure Number	Station	Design Truss Type	Cantilever Length (L)	Elev. A	Dim. D	D _s	Total Sign Area
IC161290R030.1	5158+29.47	I-C-A	17'-7 1/2"	602.90	7'-1 1/2"	7'-0"	102 Sq. Ft.

Truss Type	Maximum Sign Area	Maximum Length
I-C-A	170 Sq. Ft.	25 Ft.
II-C-A	340 Sq. Ft.	30 Ft.
III-C-A	400 Sq. Ft.	40 Ft.



DESIGN WIND LOADING DIAGRAM

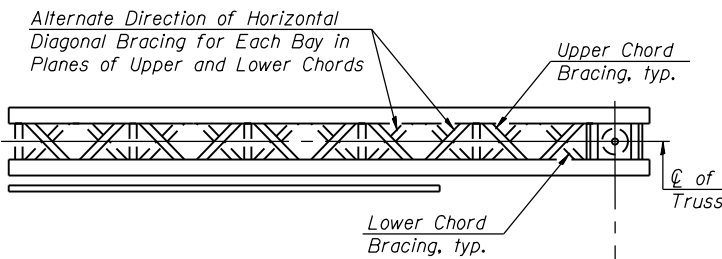
Parameters shown are basis for I.D.O.T. Standards
 Installations not within dimensional limits shown
 require special analysis for all components.

Note:

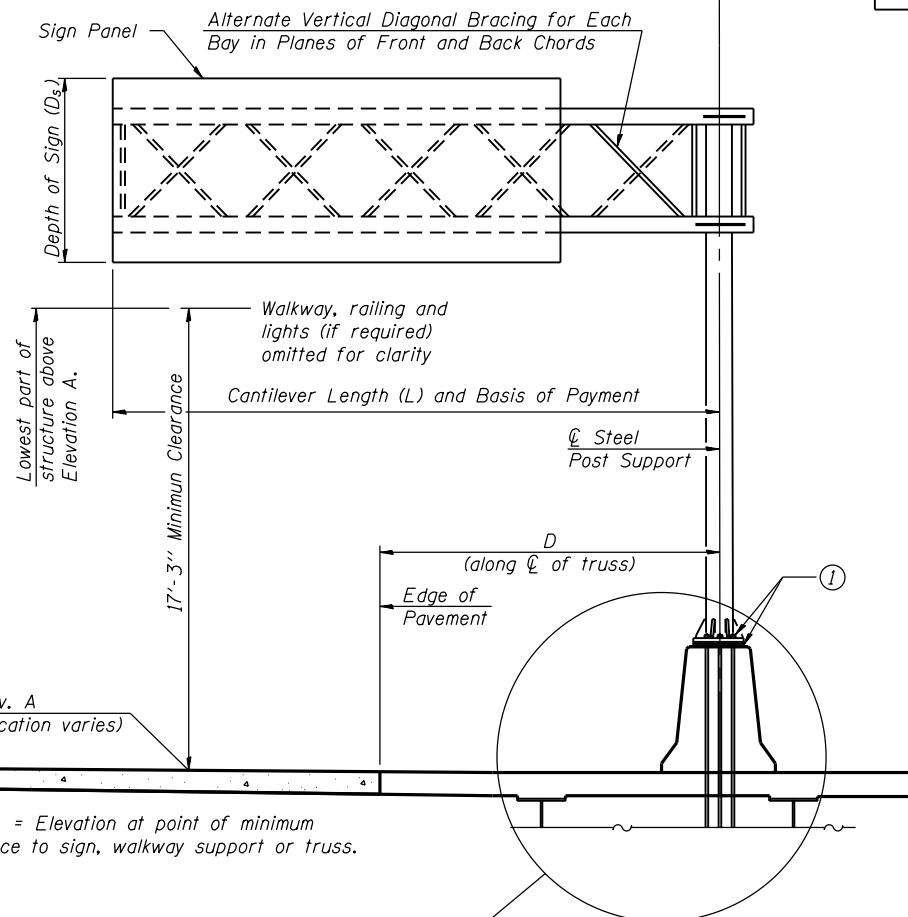
Trusses shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The contractor is responsible for maintaining the configuration and protection of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

① After adjustments to level truss and insure adequate vertical clearance, all top and leveling nuts shall be tightened against the base plate with a minimum torque of 200 lb.-ft. Stainless steel mesh shall then be placed around the perimeter of the base plate. Secure to base plate with stainless steel banding.

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



TYPICAL PLAN
 (Walkway not shown)



TYPICAL ELEVATION
 Looking in Direction of Traffic

Sign support structures may be subject to damaging vibrations and oscillations when sign panels are not in place during erection or maintenance of the structure. To avoid these vibrations and oscillations, consideration should be given to attaching temporary blank sign panels to the structure.

See Sht. S1-21 from
 SN 016-1704 Bridge
 Plans for Sign Structure
 Support Details

OSC-A-1

8-21-13



USER NAME = floresg	DESIGNED - SD	REVISED
PLOT SCALE = N.T.S.	CHECKED - ATB	REVISED
PLOT DATE = 5/11/2017	DRAWN - SD	REVISED
	CHECKED - ATB	REVISED

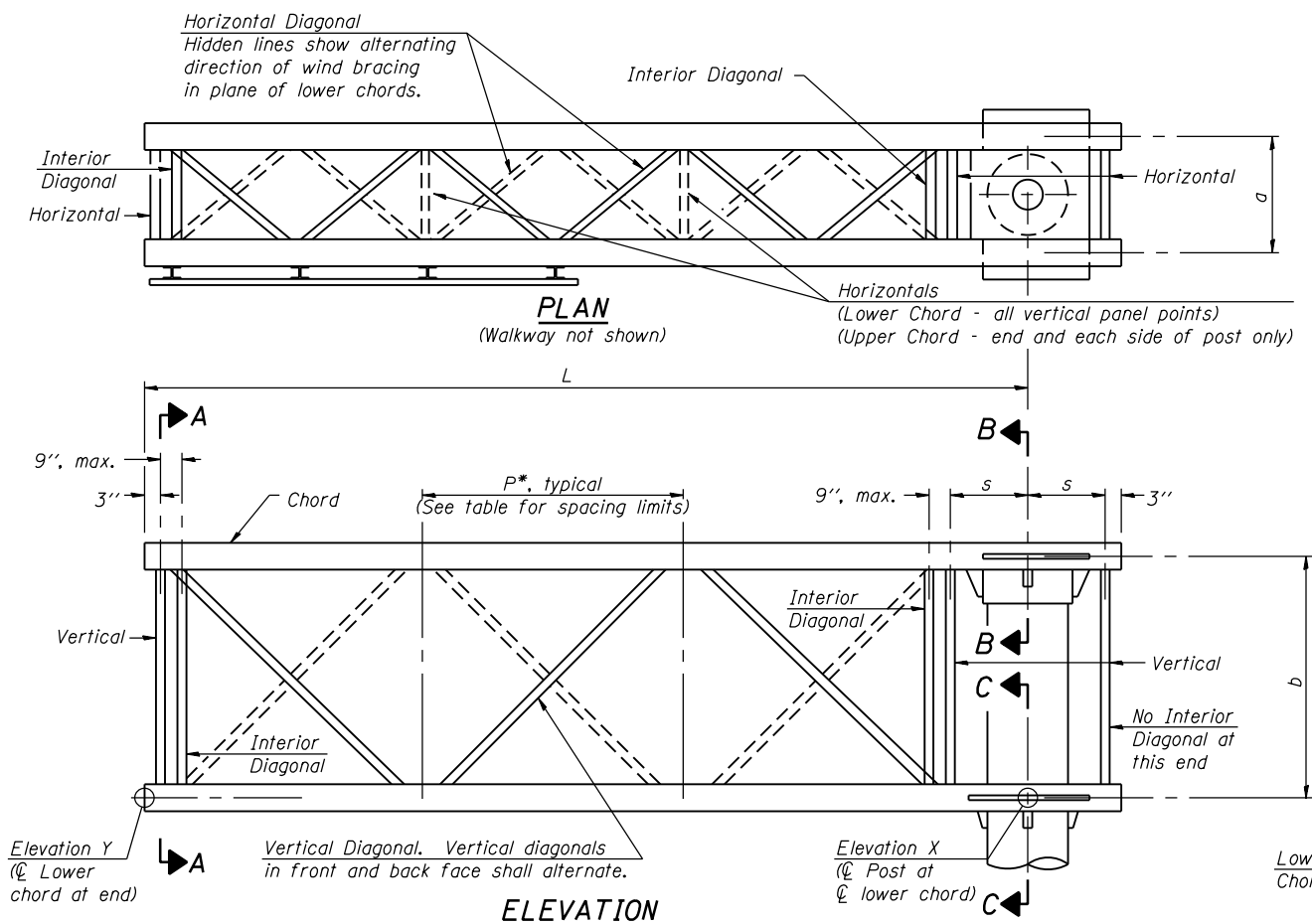
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES - GENERAL PLAN & ELEVATION
 ALUMINUM TRUSS & STEEL POST

SHEET NO. SGN-1 OF SGN-5 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2014-001 R&B	COUNTY COOK	TOTAL SHEETS 696	SHEET NO. 186
CONTRACT NO. 60X75			ILLINOIS FED. AID PROJECT	

0161704-60X75-SS-1



TYPICAL TRUSS UNIT
(Sign and walkway omitted for clarity)

Note: For Section B-B and Section C-C, see Base Sheet OSC-A-3.

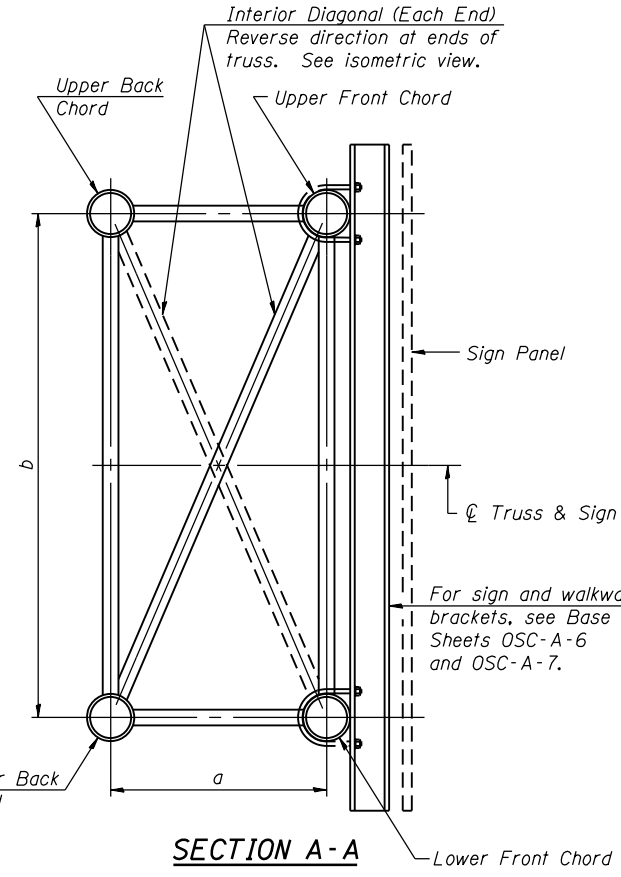
There are twice as many horizontal diagonals as there are vertical diagonals.

TRUSS UNIT TABLE

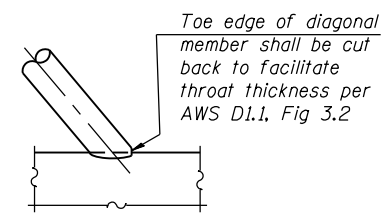
Truss Type	Dimension "a"	Dimension "b"	Dimension "s"	Limits for Panel Spacing (P)*	Up. & Low. Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals	
					O.D.	Wall	O.D.	Wall
I-C-A	24"	54"	16"	36" min. to 48" max.	5"	5/16"	2 1/2"	5/16"
II-C-A	36"	66"	21"	42" min. to 54" max.	6 1/2"	5/16"	3 1/4"	5/16"
III-C-A (35' Max.)	36"	84"	21"	48" min. to 66" max.	7"	3/8"	3 1/2"	3/8"
III-C-A (>35' to 40')	36"	84"	21"	48" min. to 66" max.	8"	3/8"	3 1/2"	3/8"

$$*P = \frac{L - s - 3''}{\# \text{ Panels}}$$

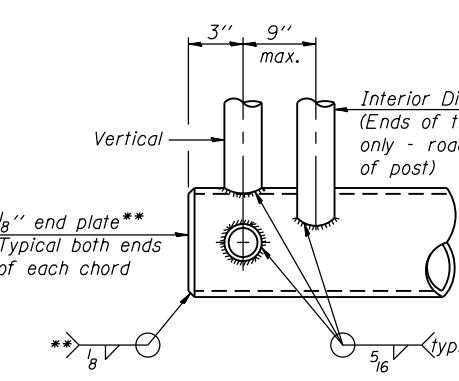
Structure Number	Station	Truss Type	Design Length (L)	Number of Panels Per Unit	Panel Length (P)*
1C161290R030.1	5158+29.47	I-C-A	17'-7 1/2"	5	3'-2 1/2"



SECTION A-A

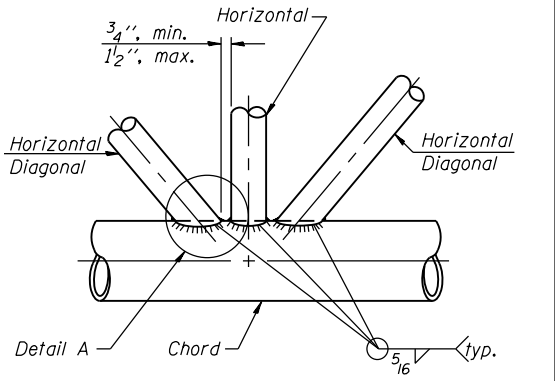


DETAIL A

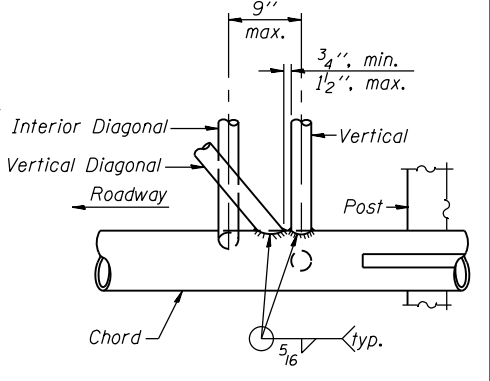


CANTILEVER END JOINT DETAIL

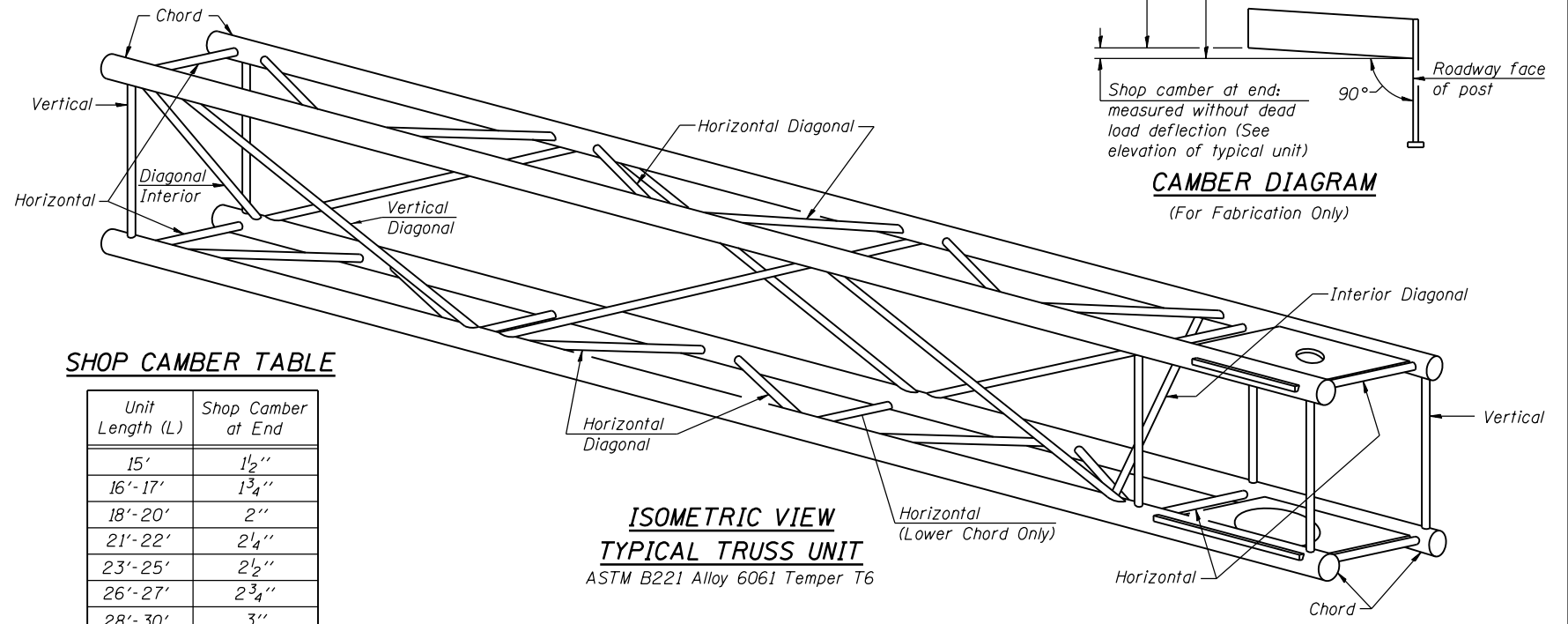
** Contractor may alternatively use standard aluminum drive-fit cap to close ends. 1/2" ϕ Drain hole in end plate / drive-fit cap.



TRUSS INTERIOR JOINT DETAIL



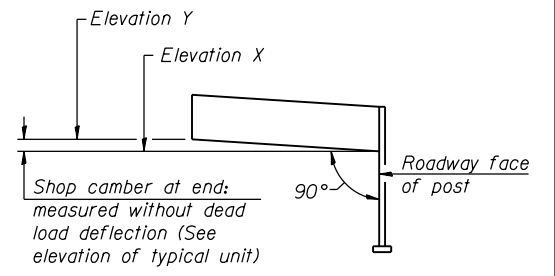
POST END JOINT DETAIL



**ISOMETRIC VIEW
TYPICAL TRUSS UNIT**
ASTM B221 Alloy 6061 Temper T6

SHOP CAMBER TABLE

Unit Length (L)	Shop Camber at End
15'	1 1/2"
16'-17'	1 3/4"
18'-20'	2"
21'-22'	2 1/4"
23'-25'	2 1/2"
26'-27'	2 3/4"
28'-30'	3"
31'-32'	3 1/4"
33'-35'	3 1/2"
36'-37'	4"
38'-40'	4 1/2"



CAMBER DIAGRAM
(For Fabrication Only)

0161704-60X75-SS-2

OSC-A-2

6-1-12



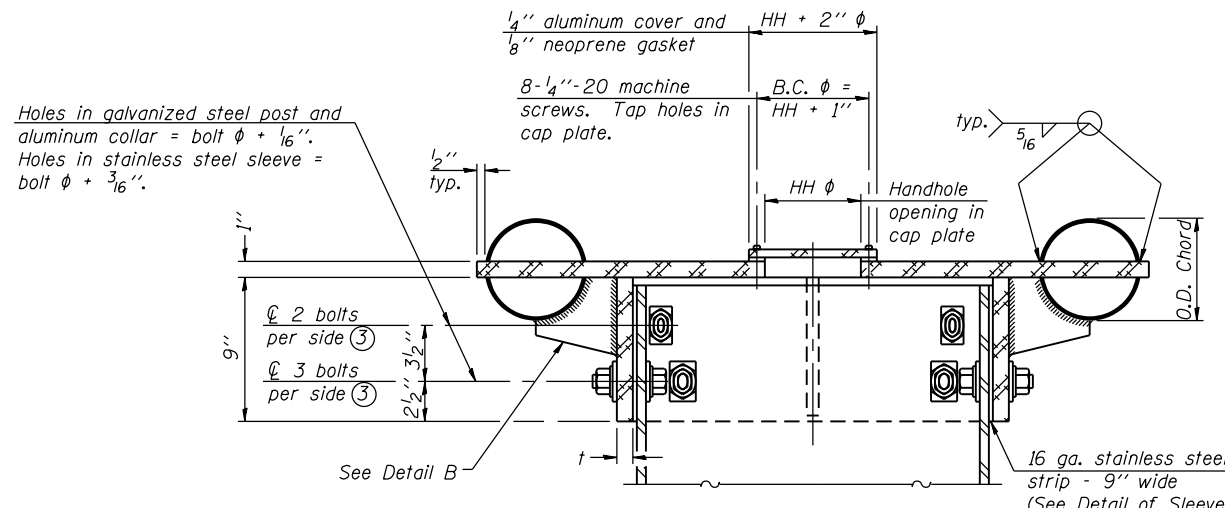
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PLOT SCALE = N.T.S.	CHECKED - ATB	REVIS
PLOT DATE = 5/11/2017	DRAWN - SD	REVIS
	CHECKED - ATB	REVIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES - TRUSS DETAILS
ALUMINUM TRUSS & STEEL POST

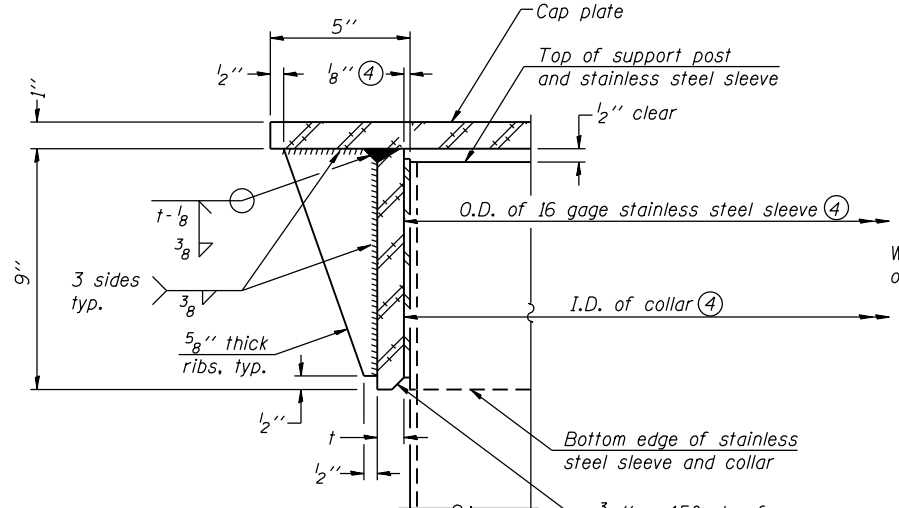
SHEET NO. SGN-2 OF SGN-5 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2014-001 R&B	COUNTY COOK	TOTAL SHEETS 696	SHEET NO. 187
CONTRACT NO. 60X75			ILLINOIS FED. AID PROJECT	

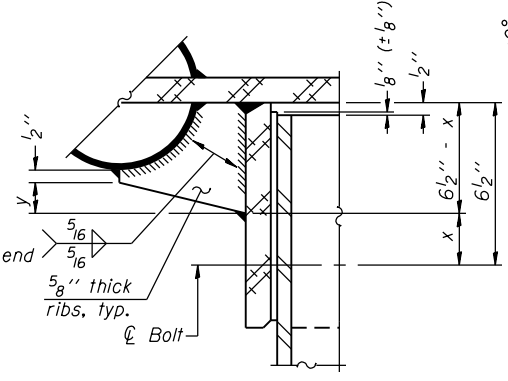


④ Collar I.D. shall be manufactured to correspond to O.D. of actual galvanized post and stainless steel sleeve plus 1/8" (± 1/16"). Maximum gap between post and collar at any location equals 1/8" before tightening bolts.

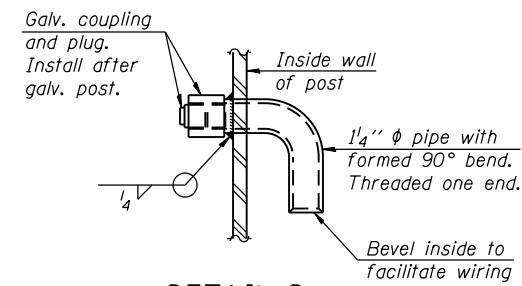
SECTION B-B
Bolts, washers (including contoured washers), and locknuts shall be stainless steel.



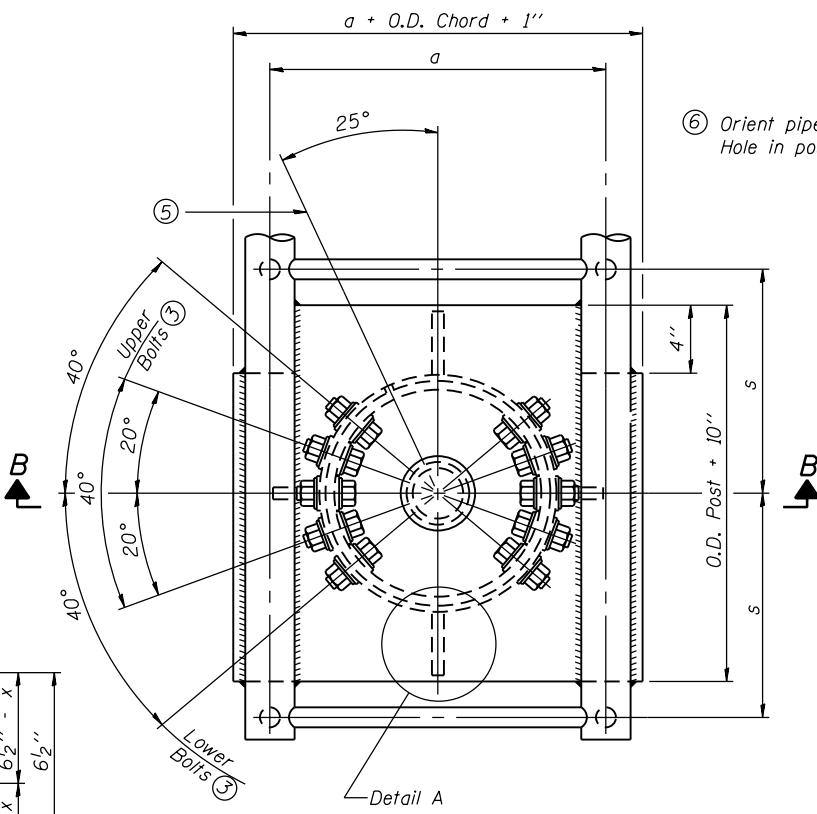
DETAIL A
(Two locations)
3/16" - 45° chamfer on inside of collar to facilitate field assembly



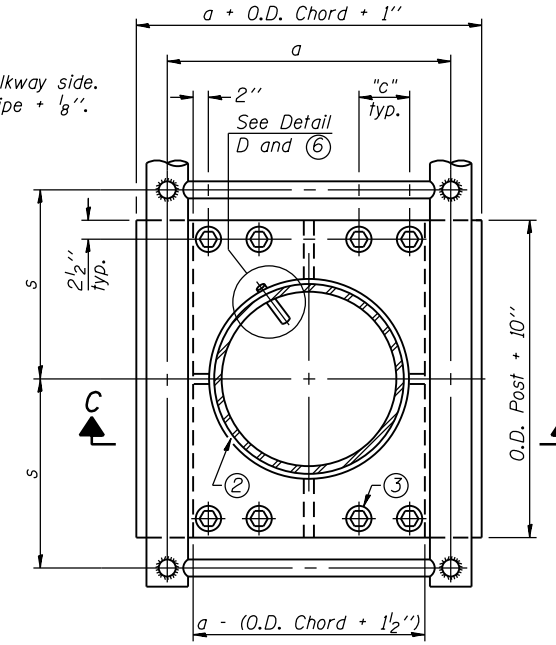
DETAIL B
Two locations
(For details not shown, see Detail C)



DETAIL D

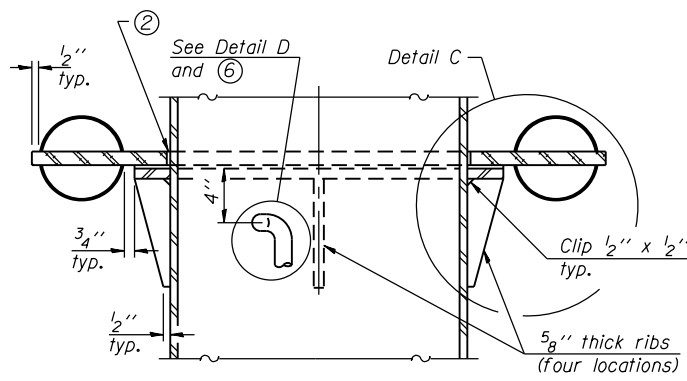


PLAN VIEW - TOP OF COLUMN
⑤ Optional full penetration weld in collar.
(Two locations maximum....(180° apart)....X-ray or UT 100%)

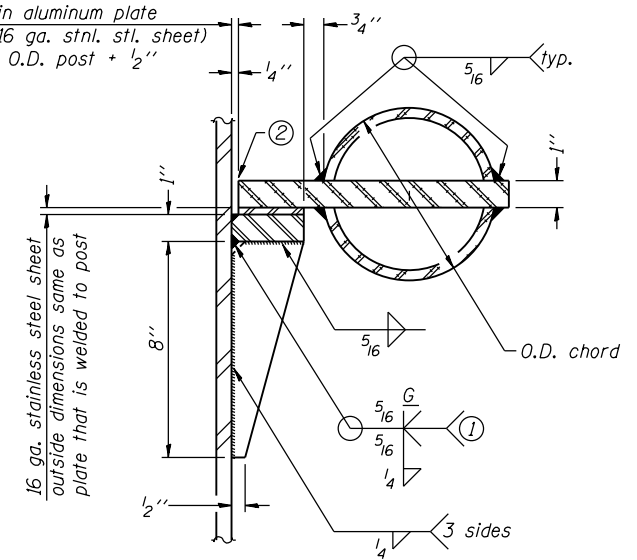


SECTION THRU POST ABOVE LOWER CHORDS

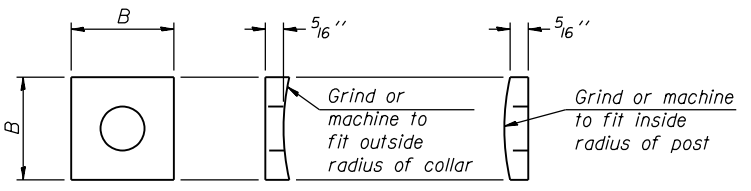
Hole in aluminum plate (and 16 ga. stnl. stl. sheet) to be O.D. post + 1/2"



SECTION C-C



DETAIL C



CONTOURED WASHERS

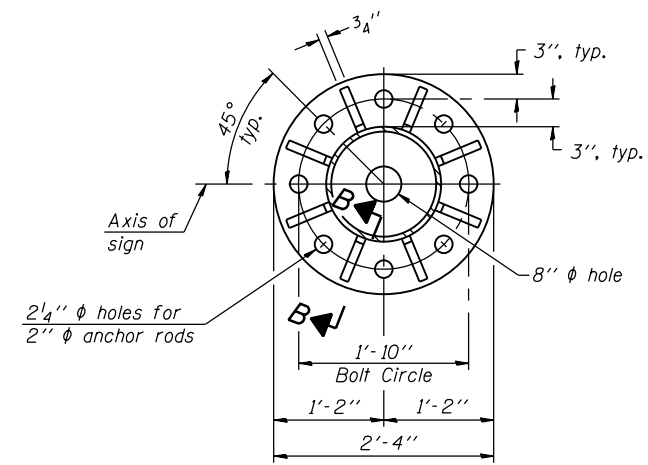
Bolt Size	Contoured Washers	
	Hole Dia.	B
7/8"	1"	2 1/2"
1"	1 1/8"	3"
1 1/4"	1 3/8"	3 1/4"

DETAIL OF STAINLESS STEEL SLEEVE

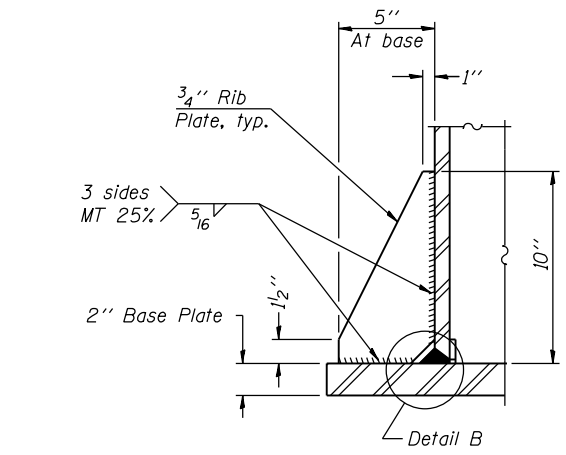
Weld to post after galvanizing.
(Prepare post surface to insure tight, uniform fit and allow welding.)
Welds to be 1 1/2" long at 6" cts. along top edge and at 1/4" opening.

Truss Type	Post Size	Upper & Lower Connection Bolt Diameter ③	Lower Juncture Bolt Spacing Dimension "c" ③	Opening in Cap Plate "HH"	Collar Thickness (t)	Side Ribs	
						x	y
I-C-A	16" phi (83#/')	7/8"	3 1/4"	8"	5/8"	1 3/4"	2 1/4"
II-C-A	24" phi (125#/')	1"	3 1/2"	12"	7/8"	2"	1 1/4"
III-C-A (35' max.)	24" phi (125#/')	1 1/4"	3 1/2"	12"	7/8"	2"	1"
III-C-A (>35' to 40')	24" phi (171#/')	1 1/4"	3 1/2"	12"	7/8"	2"	1"

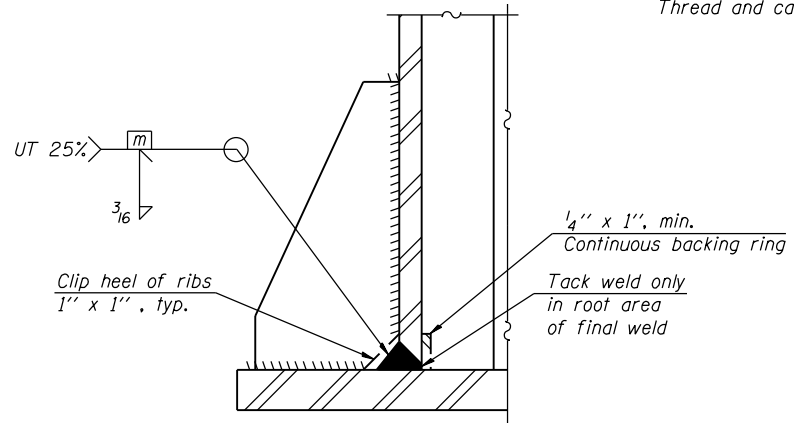
- ① Grind top if required to fully seat aluminum plate and stainless steel sheet.
- ② After tightening lower connection bolts, fill gap with non-hardening, silicone caulk suitable for exterior exposure and acceptable to the Engineer. Cost is included in Overhead Sign Structure Cantilever.
- ③ Upper and lower connection bolts in collar and bolts at lower chord connection shall be high strength with matching locknuts. Connection bolts shall have 2 stainless steel flat washers each.



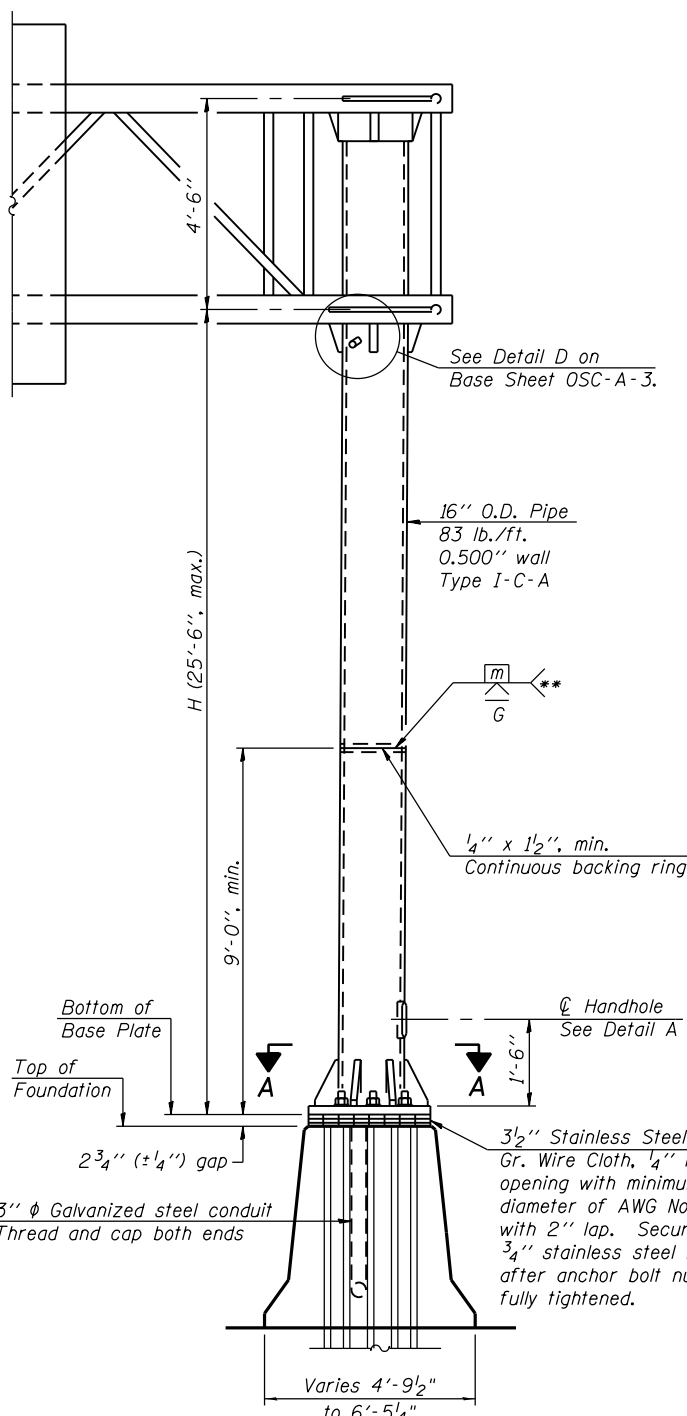
SECTION A-A



SECTION B-B

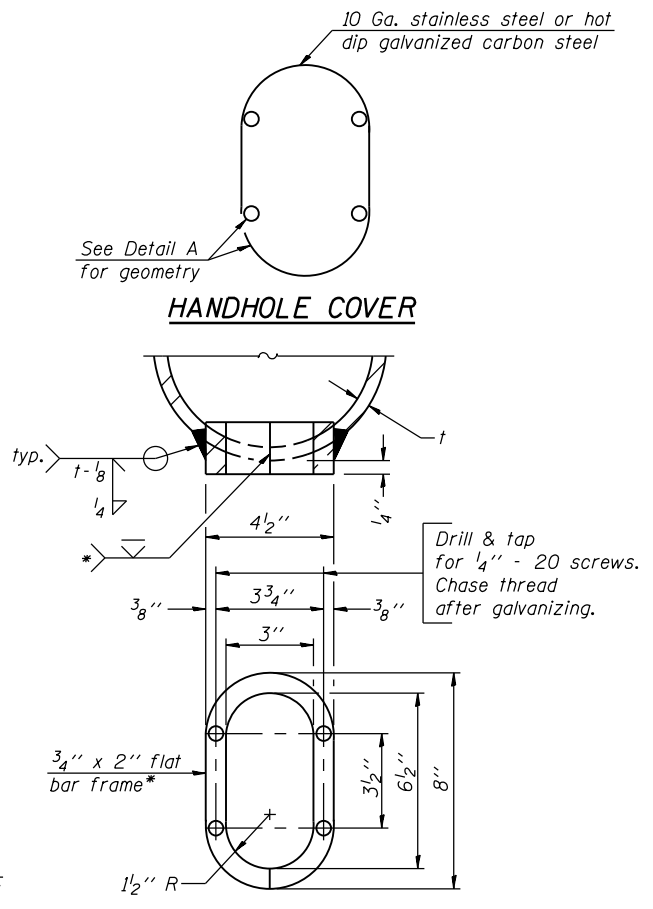


DETAIL B
(Typical rib)



FRONT ELEVATION

For Foundation Details see Sheet S1-21 from SN 016-1704 Bridge Plans

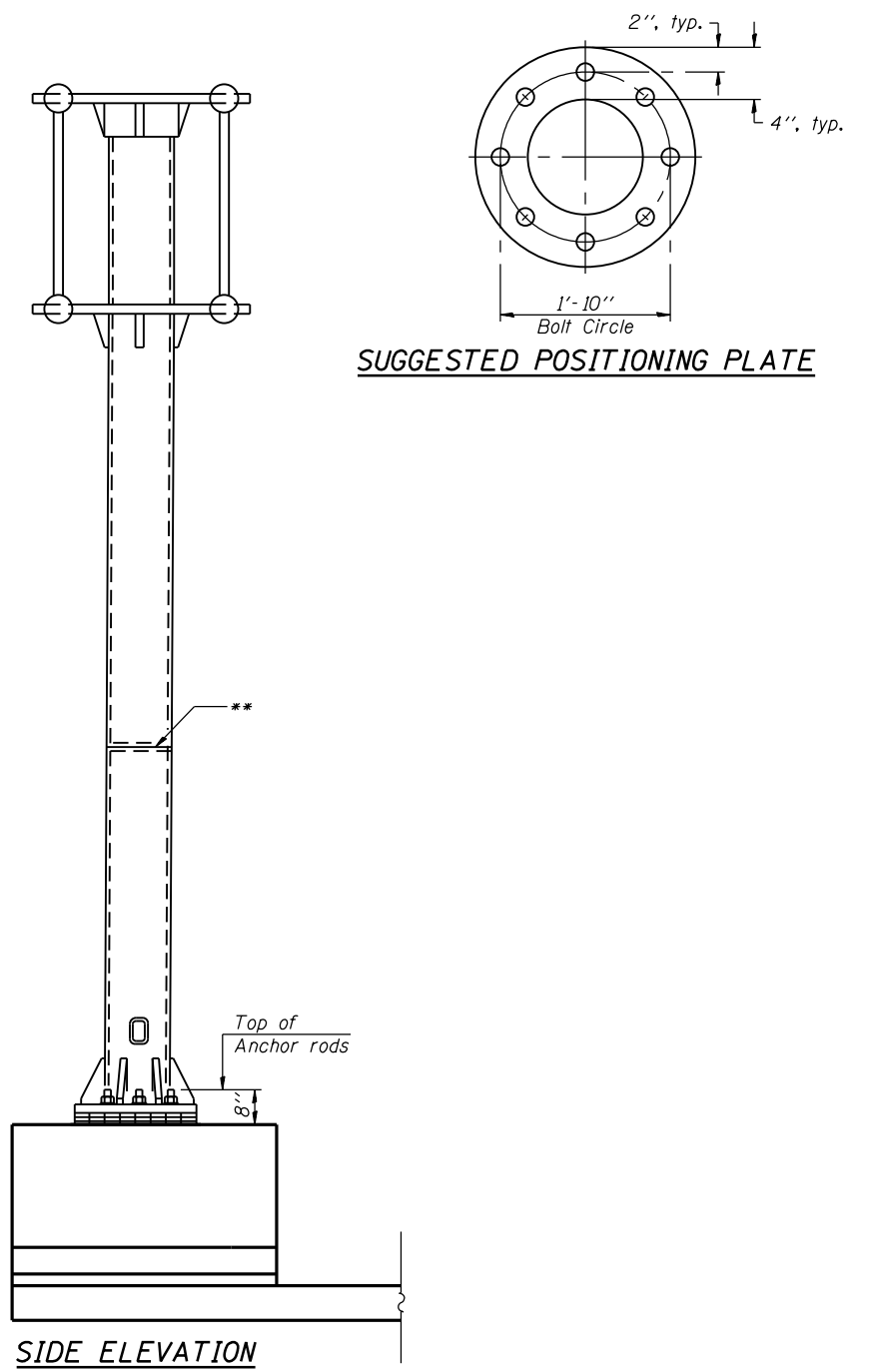


DETAIL A

Provide 8" x 4 1/2" cover. Outside corners = 2 1/4" radius. Provide 4-5/16" diameter holes in cover for 1/4" - 20 round head hot dip galvanized or stainless steel machine screws. (See cover details.)

* Bent bars may be butt welded top and bottom or bottom only. 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 min or less.

** Butt welded joint in post is only allowed for post heights (H) over 20 ft. in length. If used, weld procedure must be preapproved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.



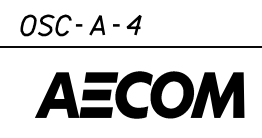
SIDE ELEVATION

SUGGESTED POSITIONING PLATE

Structure Number	Station	H
IC161290R030.1	5158+29.47	19'-3"

Note: "H" based on 15'-0" or actual sign height, whichever is greater.

0161704-60X75-55-4



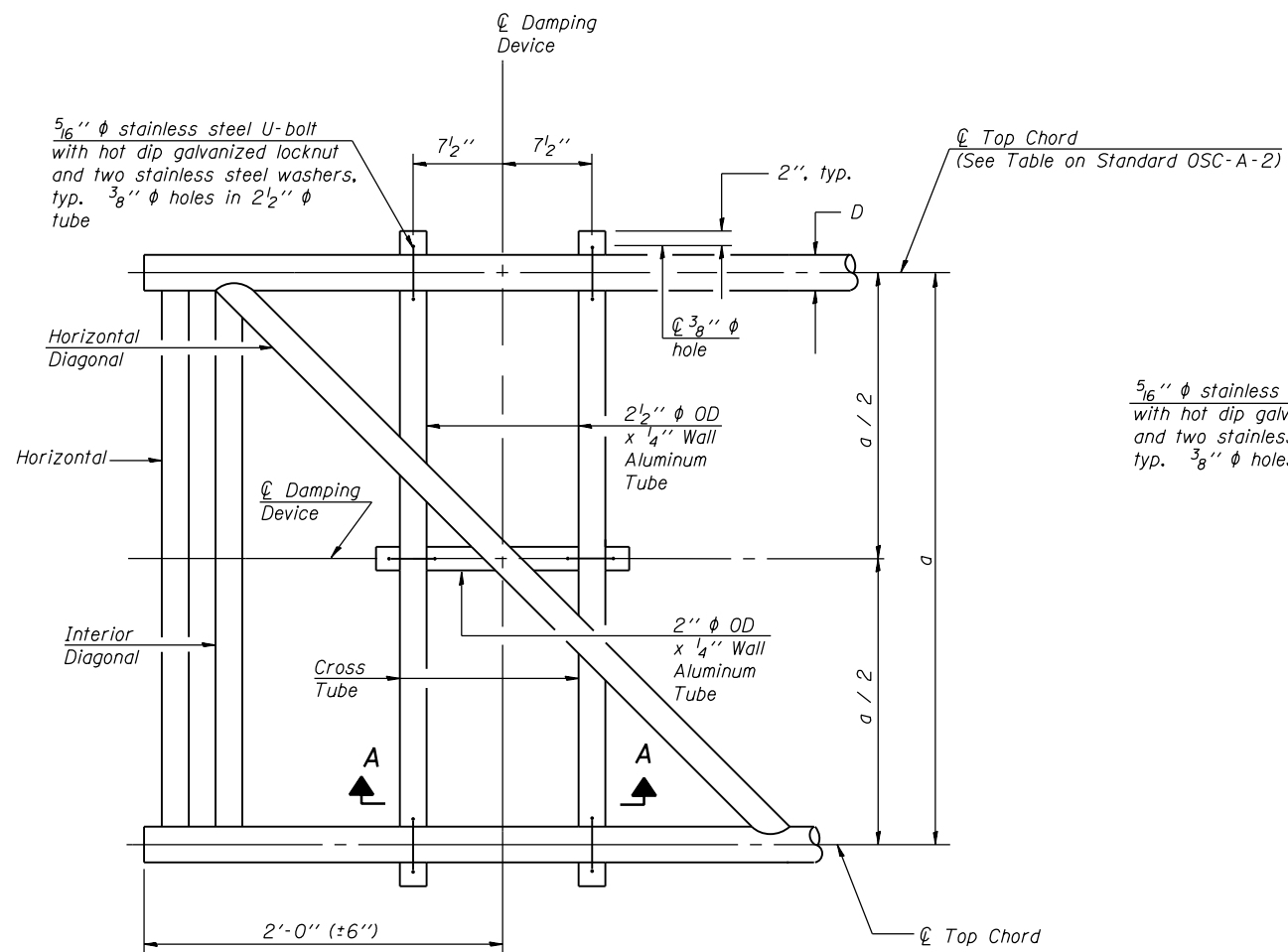
USER NAME = sankeet.dhatkar	DESIGNED - SD	REVISED
	CHECKED - ATB	REVISED
PLOT SCALE = N.T.S.	DRAWN - SD	REVISED
PLOT DATE = 5/11/2017	CHECKED - ATB	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

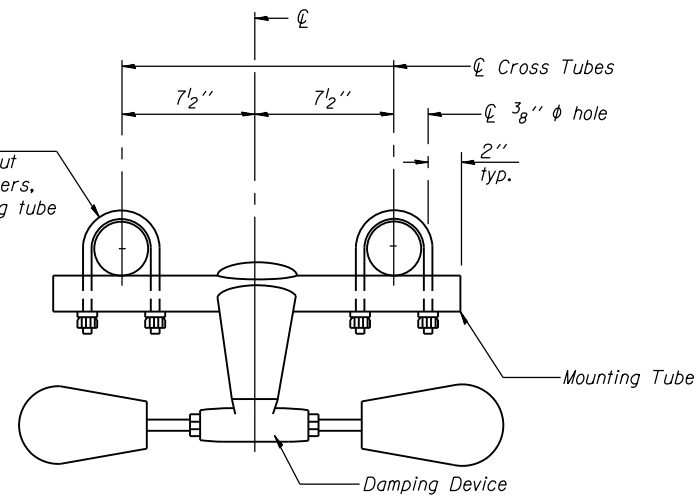
CANTILEVER SIGN STRUCTURES - TYPE I-C-A TRUSS
SUPPORT POST - ALUMINUM TRUSS & STEEL POST

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	189
CONTRACT NO. 60X75			ILLINOIS FED. AID PROJECT	

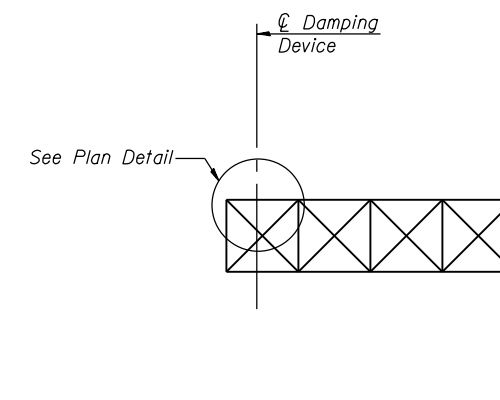
SHEET NO. SGN-4 OF SGN-5 SHEETS



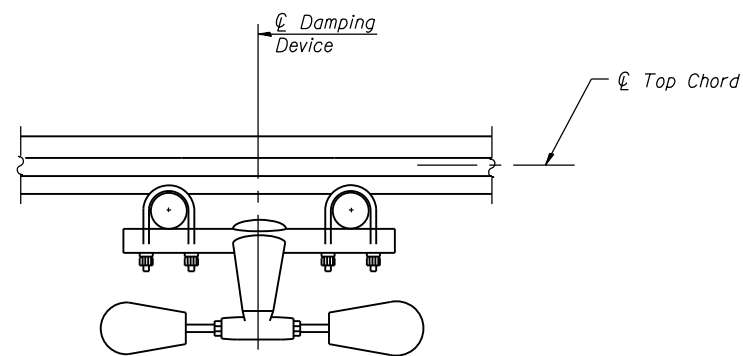
PLAN DETAIL



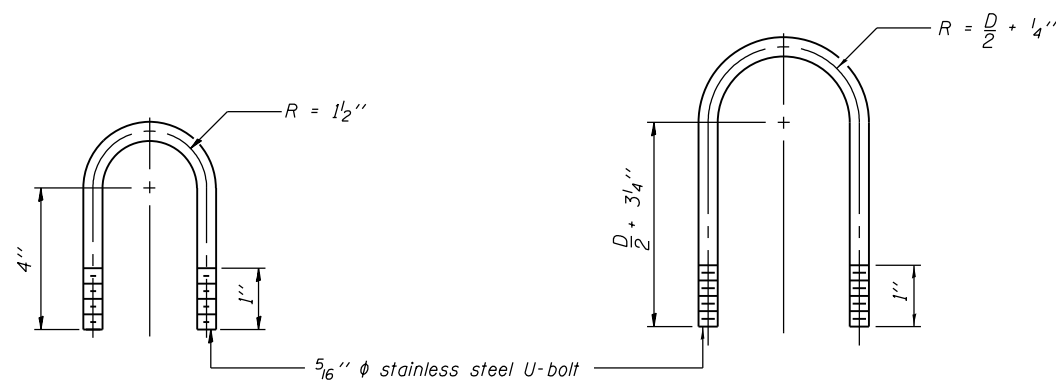
TRUSS DAMPING DEVICE CONNECTION DETAIL



ELEVATION
Aluminum Cantilever Sign Structure



SECTION A-A



DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL
(Typical)

TOP CHORD TO CROSS TUBE U-BOLT DETAIL
(Typical)

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

0161704-60X75-SS-5

OSC-A-D

6-1-12

AECOM

USER NAME = sankeet.dhatkar	DESIGNED - SD	REVISED
	CHECKED - ATB	REVISED
PLOT SCALE = N.T.S.	DRAWN - SD	REVISED
PLOT DATE = 5/11/2017	CHECKED - ATB	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURE
DAMPING DEVICE

SHEET NO. SGN-5 OF SGN-5 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	190
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

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

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

LOADING: 90 M.P.H. WIND VELOCITY

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

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

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53.

All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer.

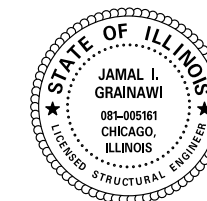
The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

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

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

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

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



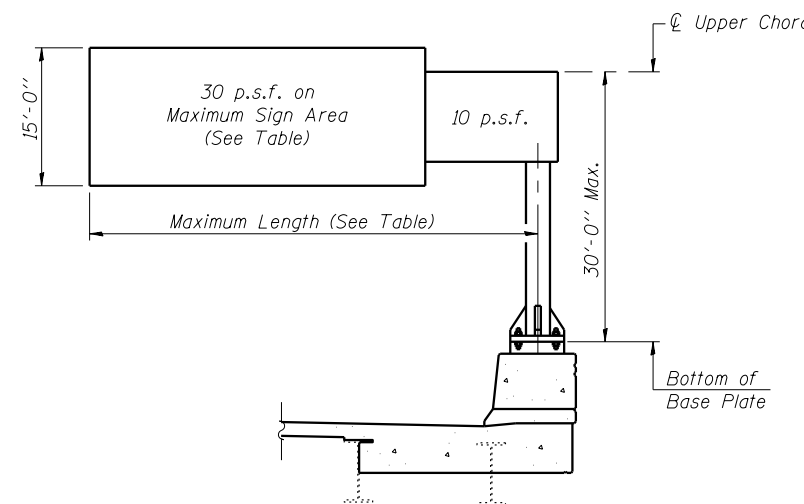
Signed Jamal Grainawi
 JAMAL I. GRAINAWI, S.E. II. Lic. No. 081-005161
 Expires 11-30-2018.
 Date May 8, 2017

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE CANTILEVER TYPE II-C-A (36"x5'-6")	Foot	60

Structure Number	Station	Design Truss Type	Cantilever Length (L)	Elev. A	Dim. D	D _s	Total Sign Area
IC16I290R030.2	5164+51.95	II-C-A	29'-6"	612.48	2'-7"	7'-0"	101.5
IC16I290R030.3	5167+43.94	II-C-A	30'-0"	611.97	2'-7"	4'-0"	64.0

Truss Type	Maximum Sign Area	Maximum Length
I-C-A	170 Sq. Ft.	25 Ft.
II-C-A	340 Sq. Ft.	30 Ft.
III-C-A	400 Sq. Ft.	40 Ft.



DESIGN WIND LOADING DIAGRAM

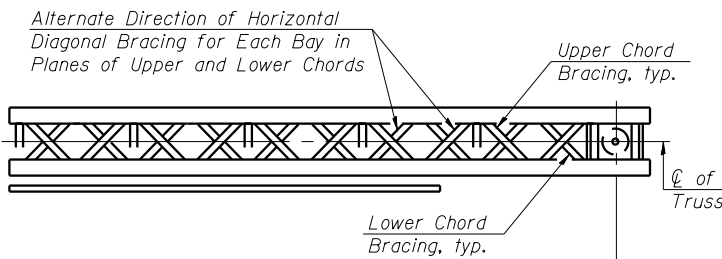
Parameters shown are basis for I.D.O.T. Standards
 Installations not within dimensional limits shown
 require special analysis for all components.

Note:

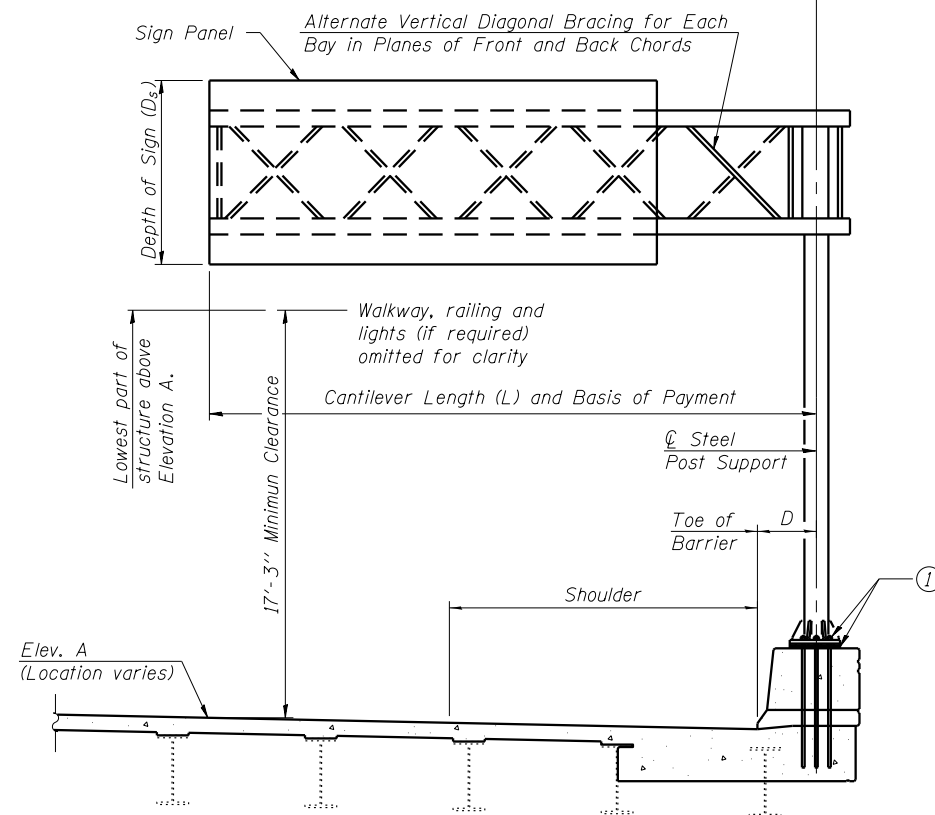
Trusses shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The contractor is responsible for maintaining the configuration and protection of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

① After adjustments to level truss and insure adequate vertical clearance, all top and leveling nuts shall be tightened against the base plate with a minimum torque of 200 lb.-ft. Stainless steel mesh shall then be placed around the perimeter of the base plate. Secure to base plate with stainless steel banding.

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



TYPICAL PLAN
 (Walkway not shown)



Elev. A = Elevation at point of minimum clearance to sign, walkway support or truss.

TYPICAL ELEVATION

Looking in Direction of Traffic

Sign support structures may be subject to damaging vibrations and oscillations when sign panels are not in place during erection or maintenance of the structure. To avoid these vibrations and oscillations, consideration should be given to attaching temporary blank sign panels to the structure.

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PARSONS BRINCKERHOFF

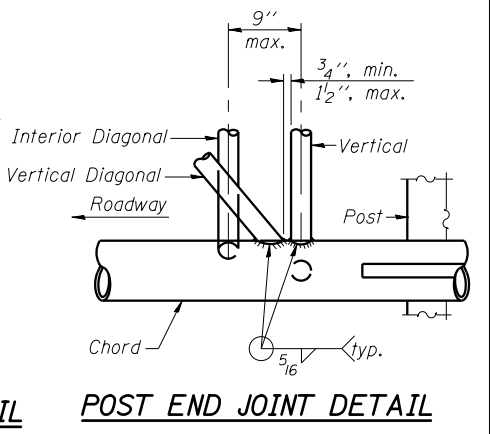
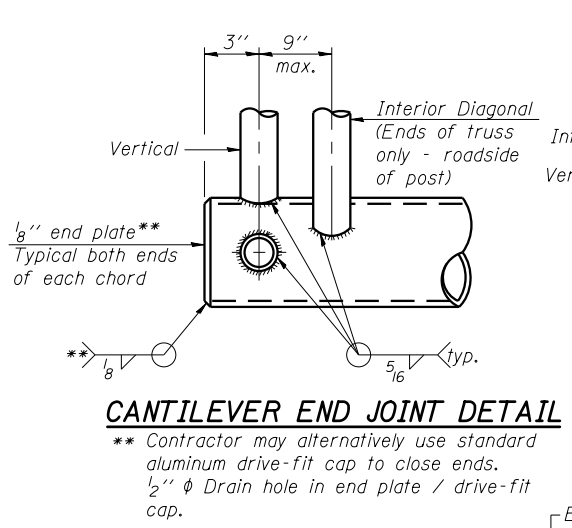
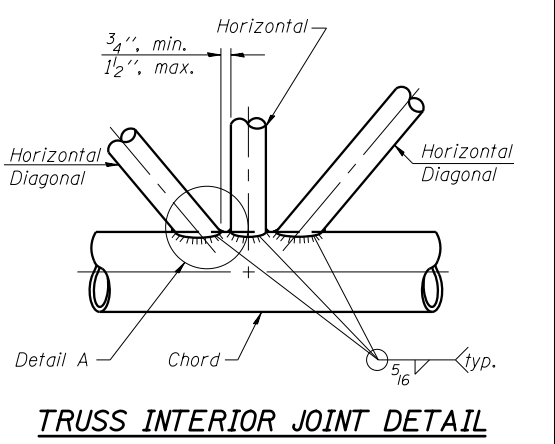
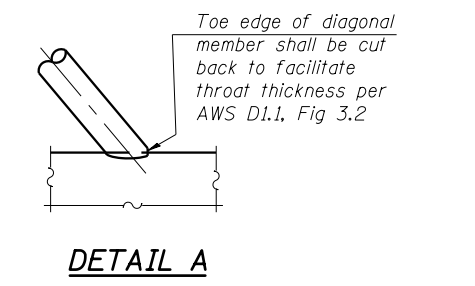
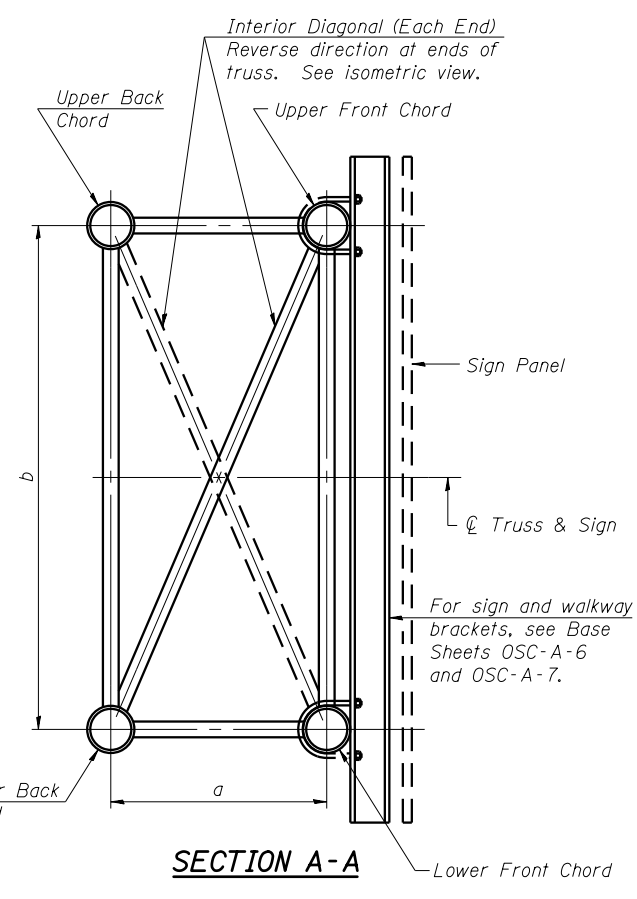
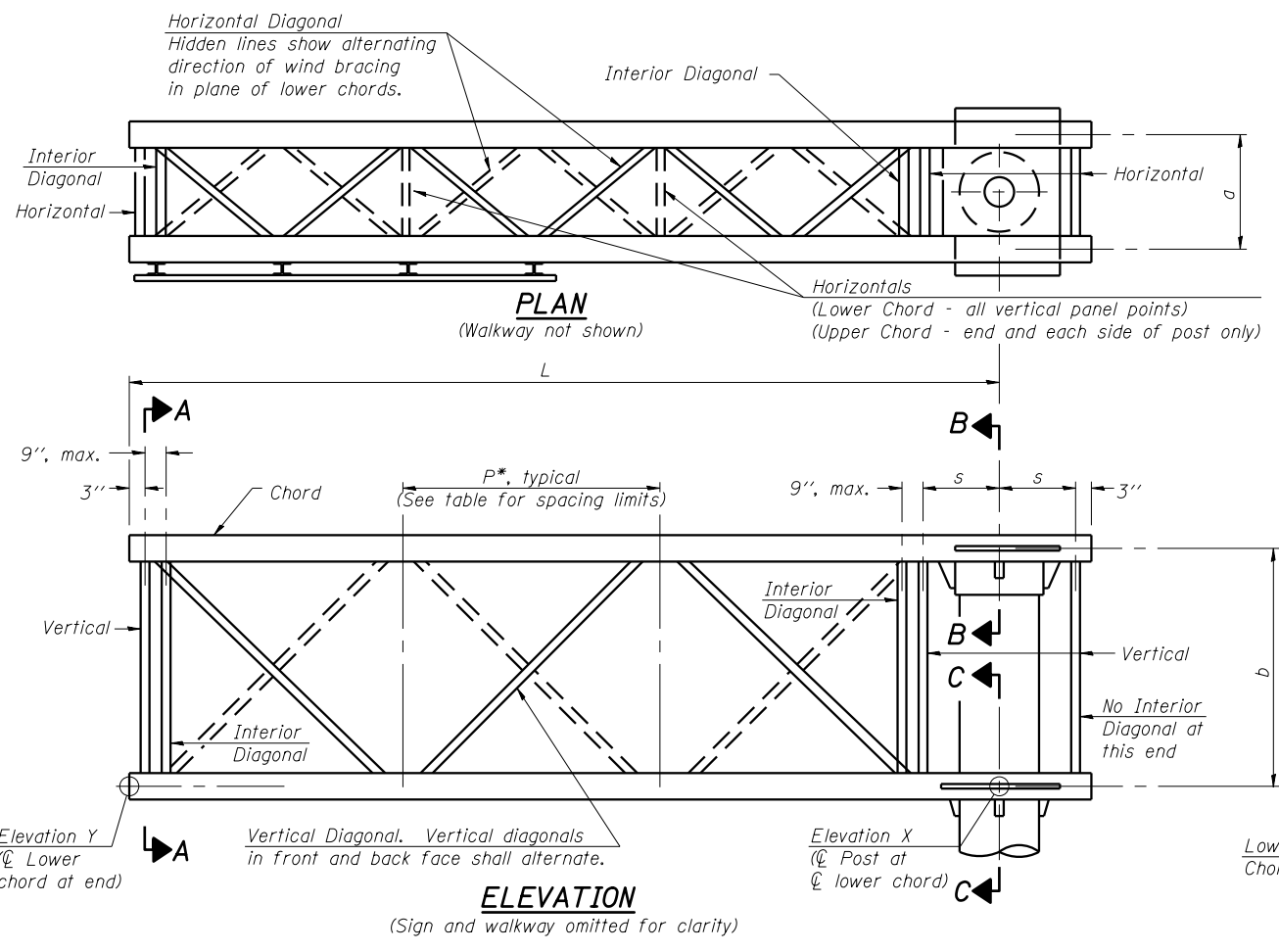
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PLOT SCALE = N.T.S.	CHECKED - JIG	REVISED -
PLOT DATE = 5/10/2017	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CANTILEVER SIGN STRUCTURES - GENERAL PLAN & ELEVATION
 ALUMINUM TRUSS & STEEL POST**

SHEET NO. 0H-1 OF 0H-5 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B (EB)	COOK	696	191
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



Note:
There are twice as many horizontal diagonals as there are vertical diagonals.

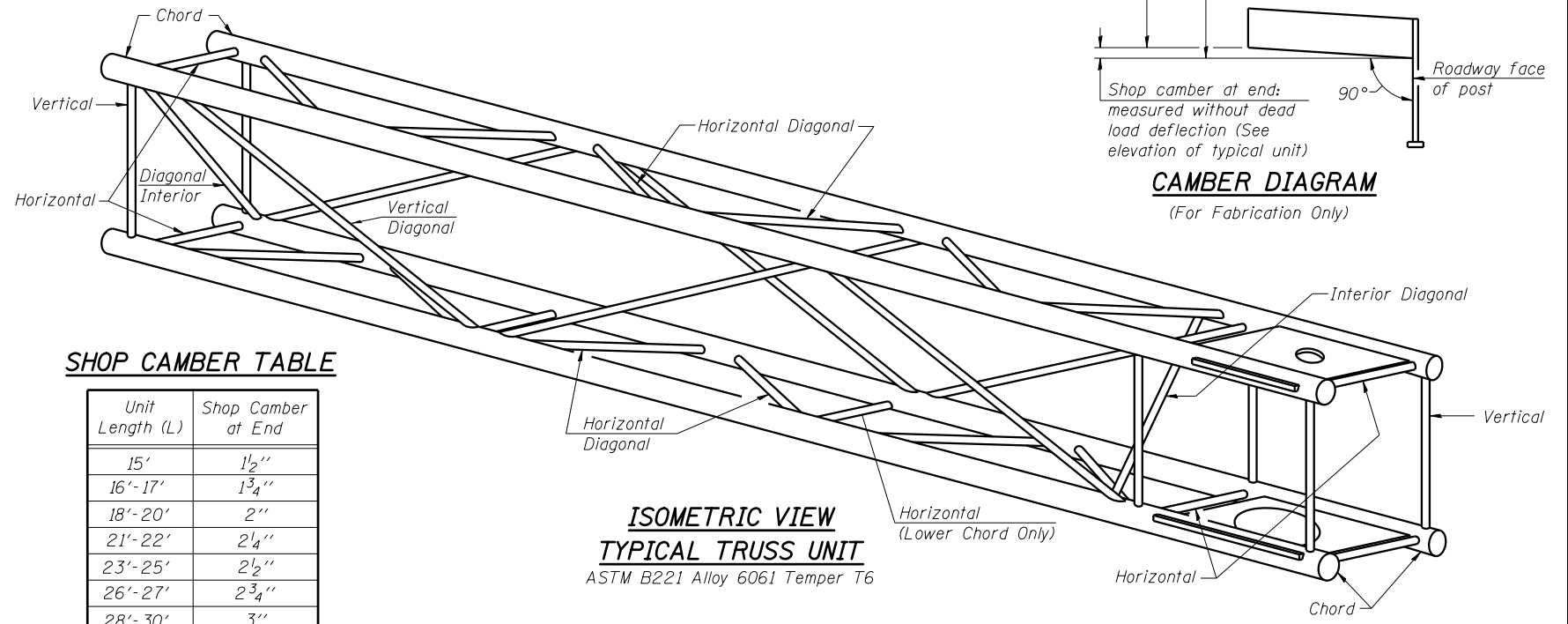
For Section B-B and Section C-C, see Base Sheet OSC-A-3.

TRUSS UNIT TABLE

Truss Type	Dimension "a"	Dimension "b"	Dimension "s"	Limits for Panel Spacing (P)*	Up. & Low. Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals	
					O.D.	Wall	O.D.	Wall
I-C-A	24"	54"	16"	36" min. to 48" max.	5"	5/16"	2 1/2"	5/16"
II-C-A	36"	66"	21"	42" min. to 54" max.	6 1/2"	5/16"	3 1/4"	5/16"
III-C-A (35' Max.)	36"	84"	21"	48" min. to 66" max.	7"	3/8"	3 1/2"	3/8"
III-C-A (>35' to 40')	36"	84"	21"	48" min. to 66" max.	8"	3/8"	3 1/2"	3/8"

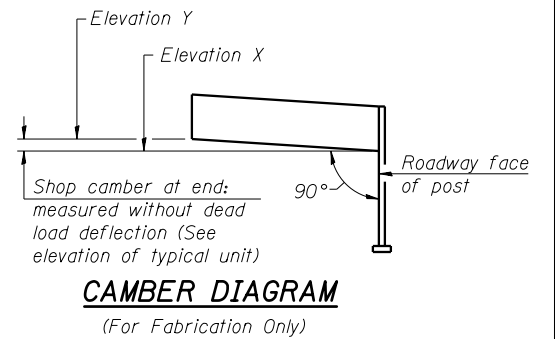
*P = $\frac{L-s-3"}{\# \text{ Panels}}$

Structure Number	Station	Truss Type	Design Length (L)	Number of Panels Per Unit	Panel Length (P)*
IC161290R030.2	5164+51.95	II-C-A	29'-6"	7	47 1/8"
IC161290R030.3	5167+43.94	II-C-A	30'-0"	7	48"



SHOP CAMBER TABLE

Unit Length (L)	Shop Camber at End
15'	1 1/2"
16'-17'	1 3/4"
18'-20'	2"
21'-22'	2 1/4"
23'-25'	2 1/2"
26'-27'	2 3/4"
28'-30'	3"
31'-32'	3 1/4"
33'-35'	3 1/2"
36'-37'	4"
38'-40'	4 1/2"



OSC-A-2

6-1-12

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED - P.JL/NJP	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JIG	REVISED -
PLOT DATE = 5/8/2017	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

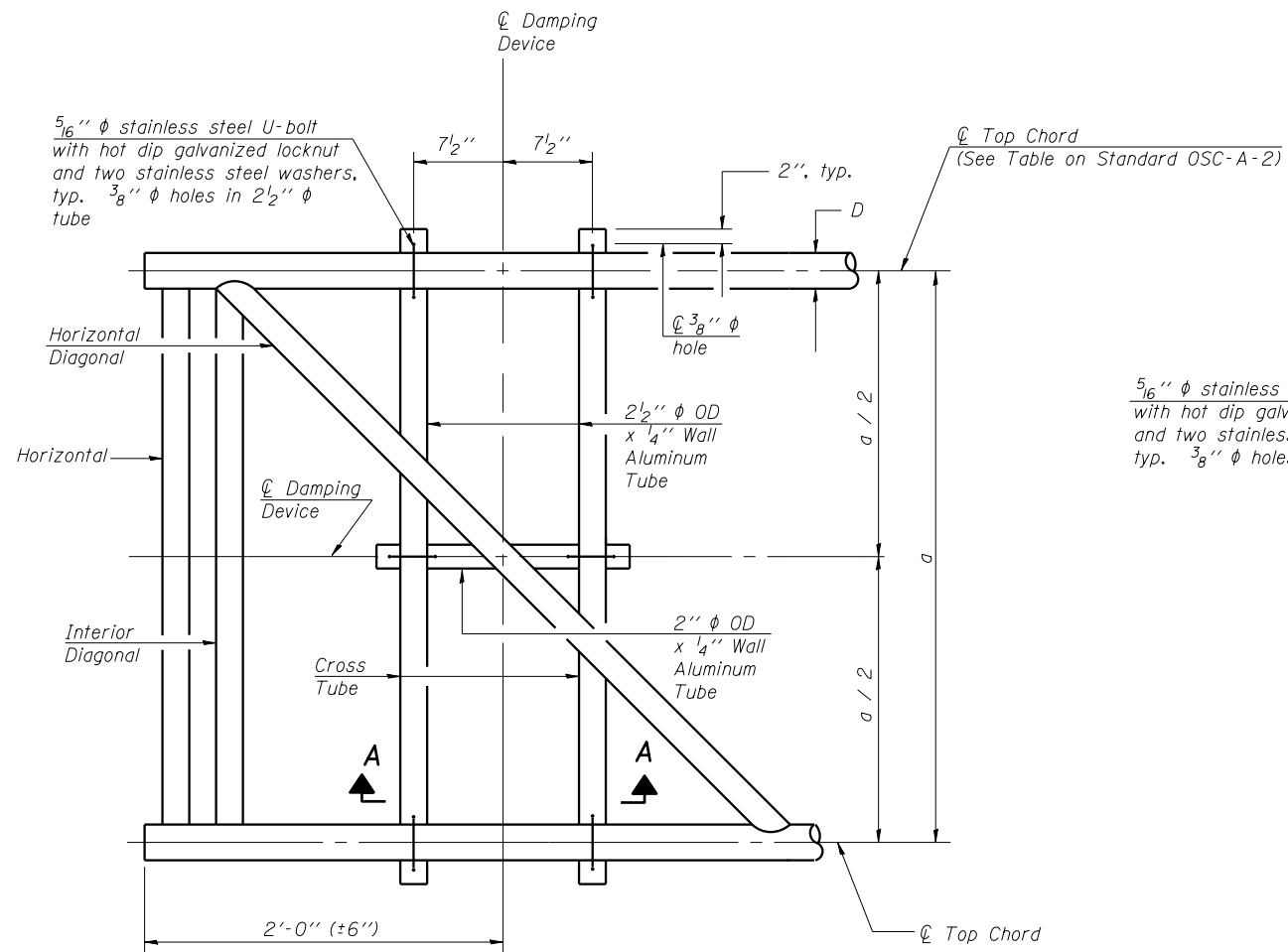
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES - TRUSS DETAILS
ALUMINUM TRUSS & STEEL POST

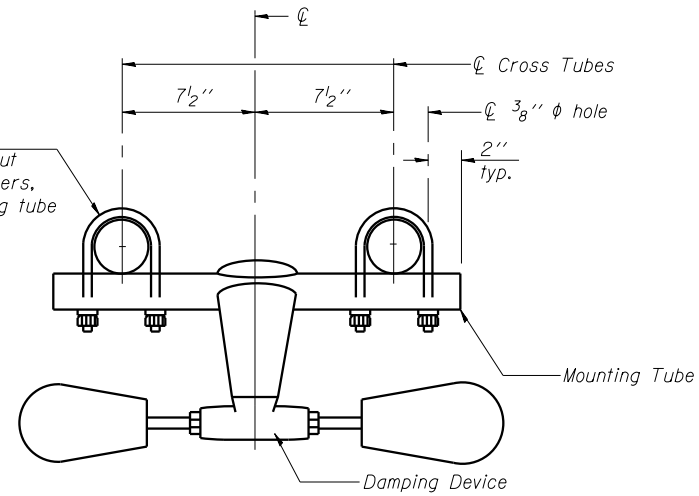
SHEET NO. 0H-2 OF 0H-5 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2014-001 R&B (EB)	COUNTY COOK	TOTAL SHEETS 696	SHEET NO. 192
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

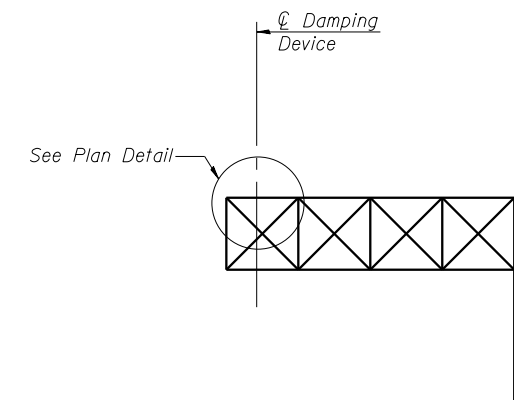
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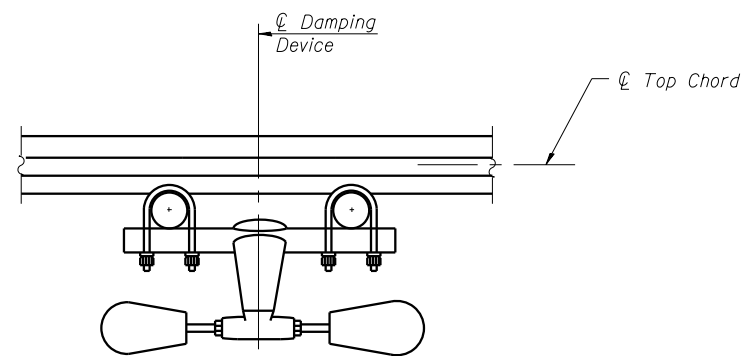
PLAN DETAIL



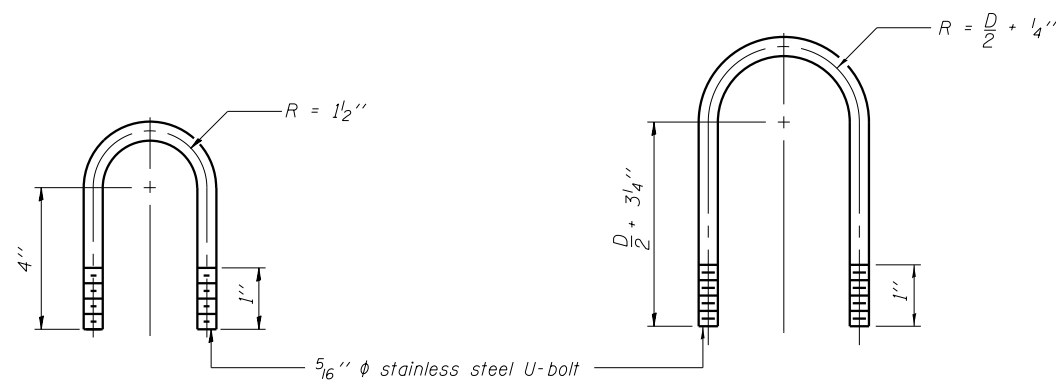
TRUSS DAMPING DEVICE CONNECTION DETAIL



ELEVATION
Aluminum Cantilever Sign Structure



SECTION A-A



DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL
(Typical)

TOP CHORD TO CROSS TUBE U-BOLT DETAIL
(Typical)

GENERAL NOTES

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

0160461-60X75-5003-Sign.dgn

OSC-A-D

6-1-12

PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED - P.JL/NJP	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JIG	REVISED -
PLOT DATE = 5/8/2017	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

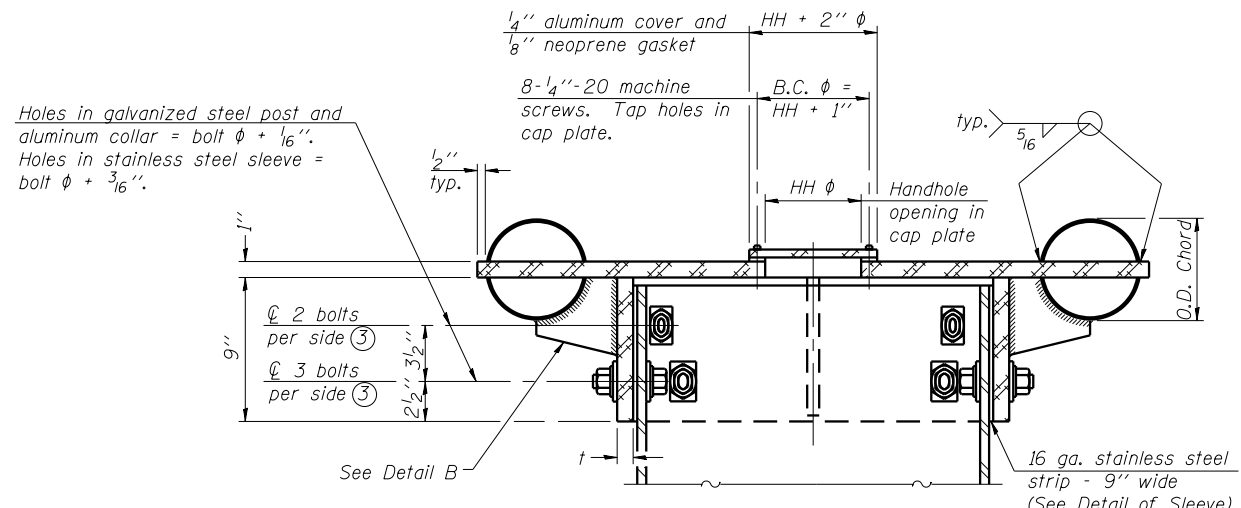
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CANTILEVER SIGN STRUCTURE
DAMPING DEVICE**

SHEET NO. 0H-3 OF 0H-5 SHEETS

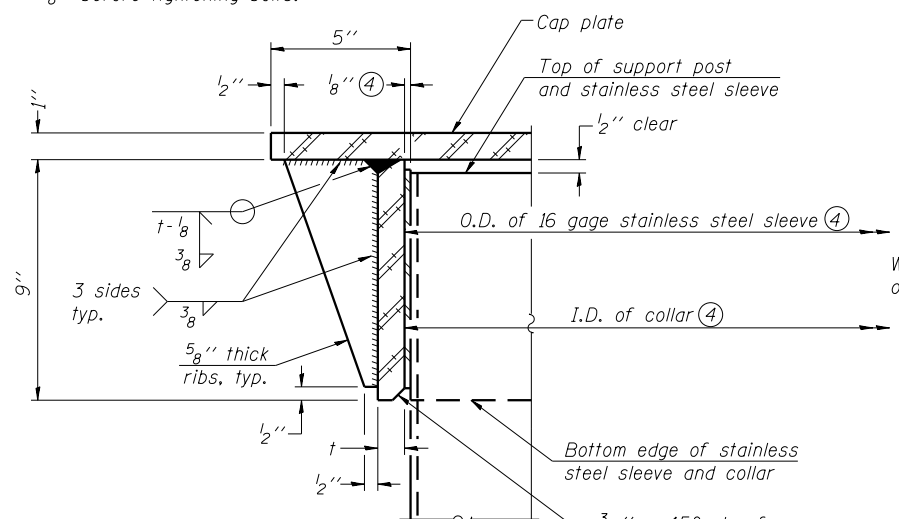
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B (EB)	COOK	696	193
CONTRACT NO. 60X75				

ILLINOIS FED. AID PROJECT

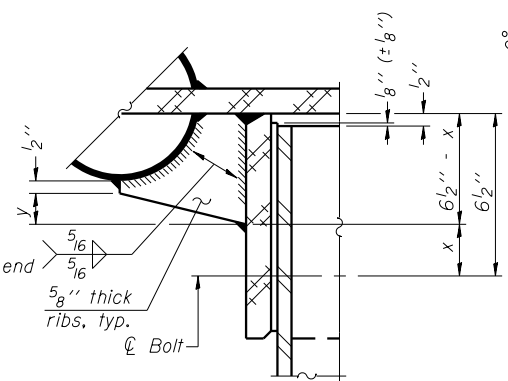


④ Collar I.D. shall be manufactured to correspond to O.D. of actual galvanized post and stainless steel sleeve plus 1/8" (+1/16"). Maximum gap between post and collar at any location equals 1/8" before tightening bolts.

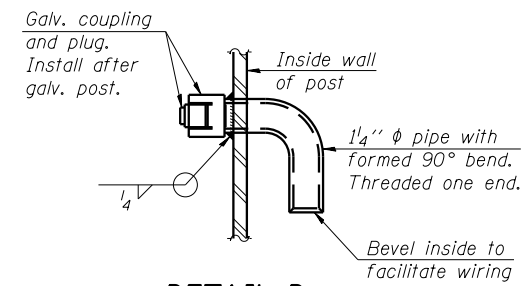
SECTION B-B
Bolts, washers (including contoured washers), and locknuts shall be stainless steel.



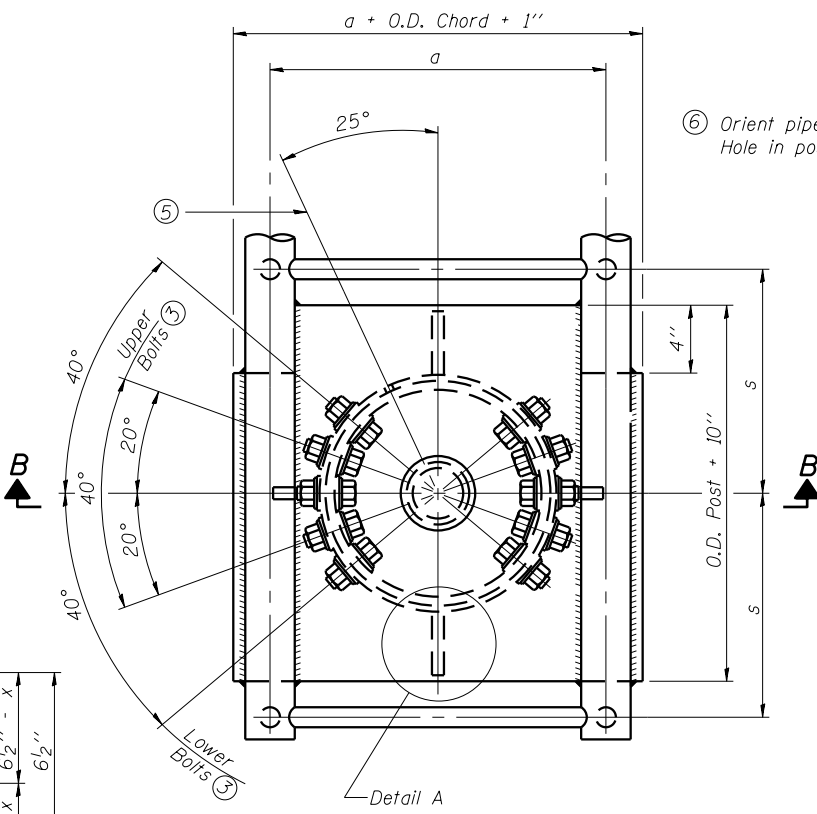
DETAIL A
(Two locations)
3/16" - 45° chamfer on inside of collar to facilitate field assembly



DETAIL B
Two locations
(For details not shown, see Detail C)

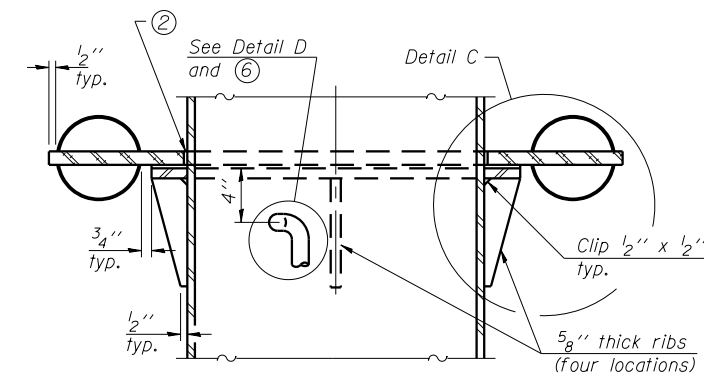


DETAIL D

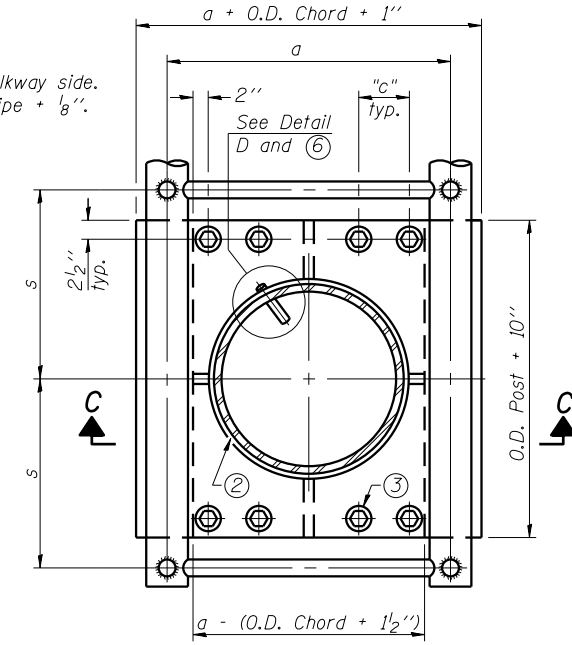


PLAN VIEW - TOP OF COLUMN

⑤ Optional full penetration weld in collar. (Two locations maximum....(180° apart)....X-ray or UT 100%)

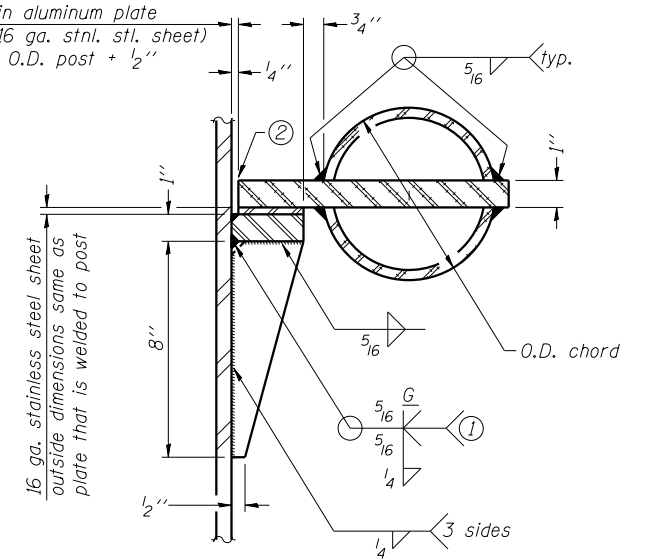


SECTION C-C

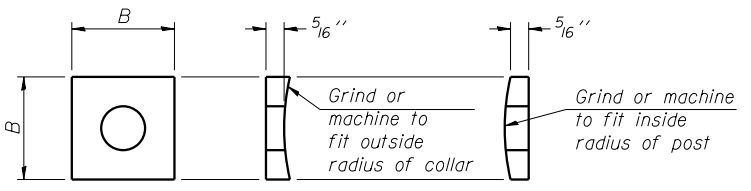


SECTION THRU POST ABOVE LOWER CHORDS

Hole in aluminum plate (and 16 ga. stnl. stl. sheet) to be O.D. post + 1/2"



DETAIL C



CONTOURED WASHERS

Bolt Size	Contoured Washers	
	Hole Dia.	B
7/8"	1"	2 1/2"
1"	1 1/8"	3"
1 1/4"	1 3/8"	3 1/4"

DETAIL OF STAINLESS STEEL SLEEVE

Weld to post after galvanizing. (Prepare post surface to insure tight, uniform fit and allow welding.) Welds to be 1/2" long at 6" cts. along top edge and at 1/4" opening.

Truss Type	Post Size	Upper & Lower Connection Bolt Diameter ③	Lower Juncture Bolt Spacing Dimension "c" ③	Opening in Cap Plate "HH"	Collar Thickness (t)	Side Ribs	
						x	y
I-C-A	16" phi (83#/')	7/8"	3 1/4"	8"	5/8"	1 3/4"	2 1/4"
II-C-A	24" phi (125#/')	1"	3 1/2"	12"	7/8"	2"	1 1/4"
III-C-A (35' max.)	24" phi (125#/')	1 1/4"	3 1/2"	12"	7/8"	2"	1"
III-C-A (>35' to 40')	24" phi (171#/')	1 1/4"	3 1/2"	12"	7/8"	2"	1"

- ① Grind top if required to fully seat aluminum plate and stainless steel sheet.
- ② After tightening lower connection bolts, fill gap with non-hardening, silicone caulk suitable for exterior exposure and acceptable to the Engineer. Cost is included in Overhead Sign Structure Cantilever.
- ③ Upper and lower connection bolts in collar and bolts at lower chord connection shall be high strength with matching locknuts. Connection bolts shall have 2 stainless steel flat washers each.

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OSC-A-3

6-1-12

PARSONS BRINCKERHOFF

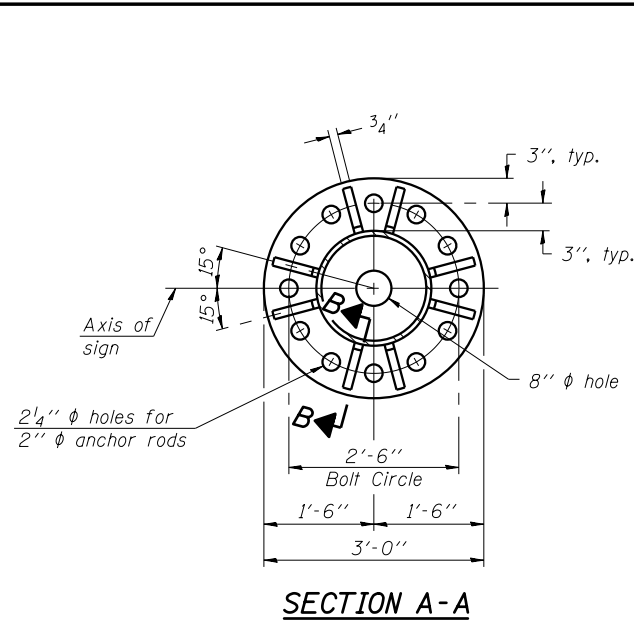
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PLOT SCALE = N.T.S.	CHECKED - JIG	REVISED -
PLOT DATE = 5/8/2017	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

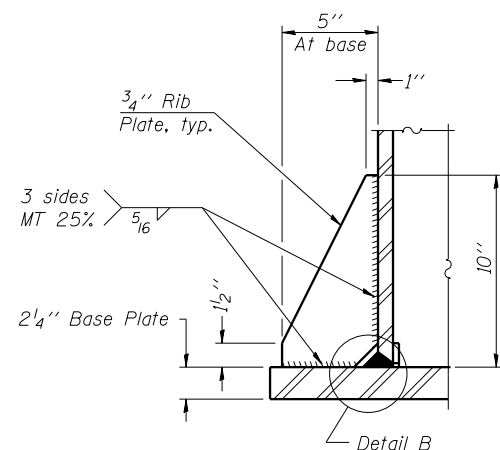
CANTILEVER SIGN STRUCTURES - JUNCTURE DETAILS ALUMINUM TRUSS & STEEL POST

SHEET NO. 0H-4 OF 0H-5 SHEETS

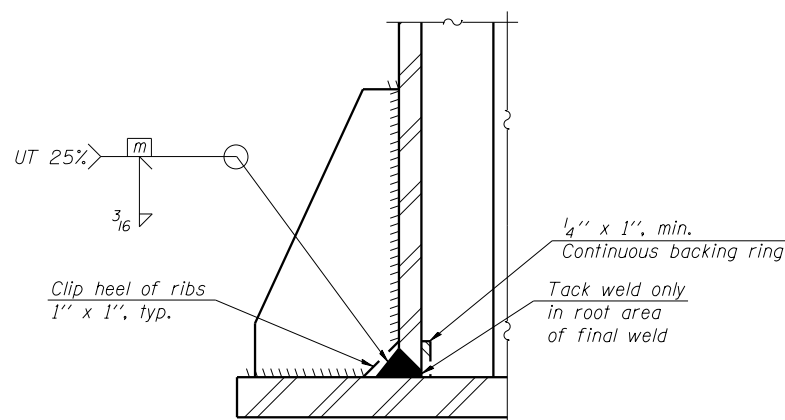
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90/94/290	2014-001 R&B (EB)	COOK	696	194
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				



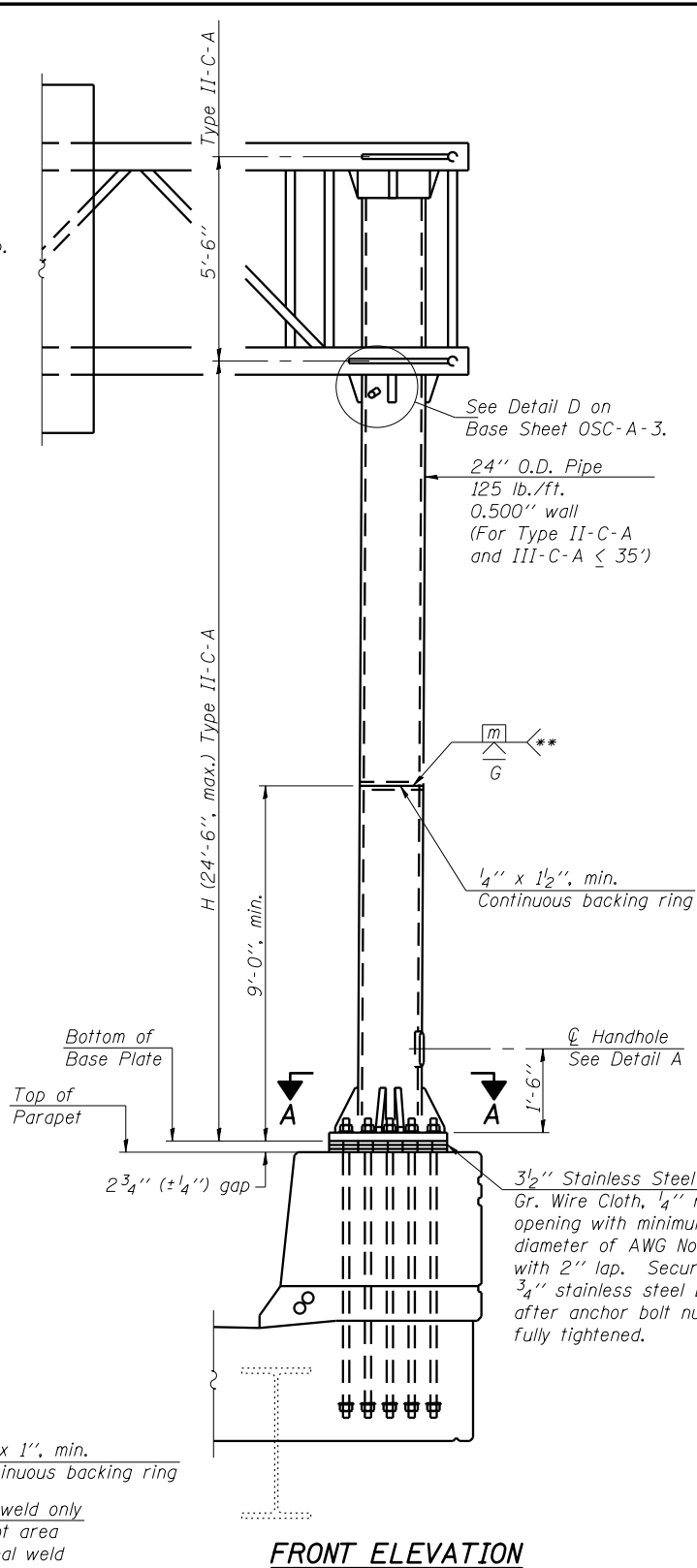
SECTION A-A



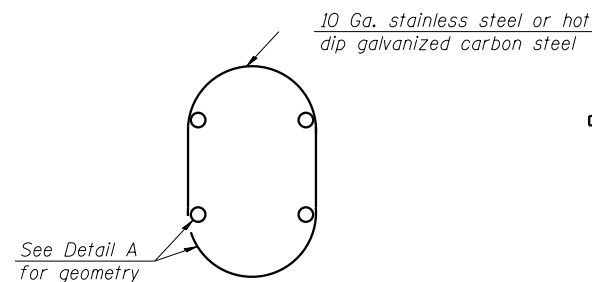
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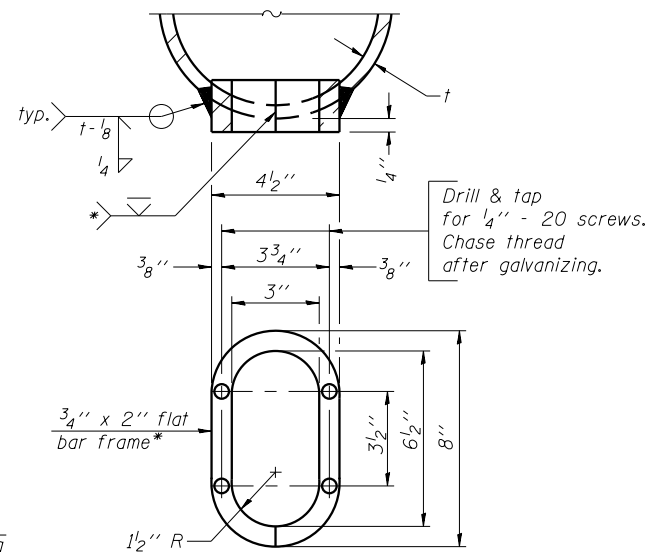
DETAIL B
(Typical rib)



FRONT ELEVATION

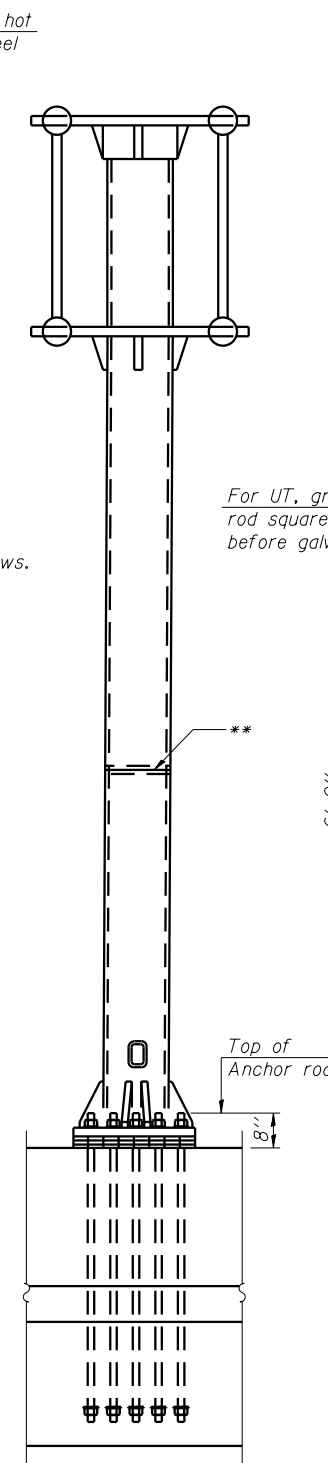


HANDHOLE COVER

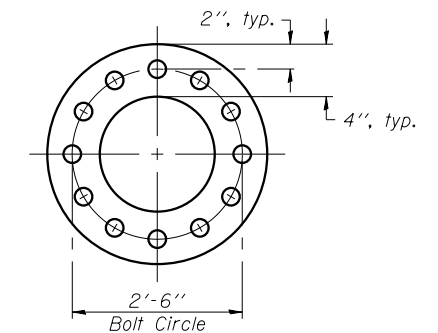


DETAIL A

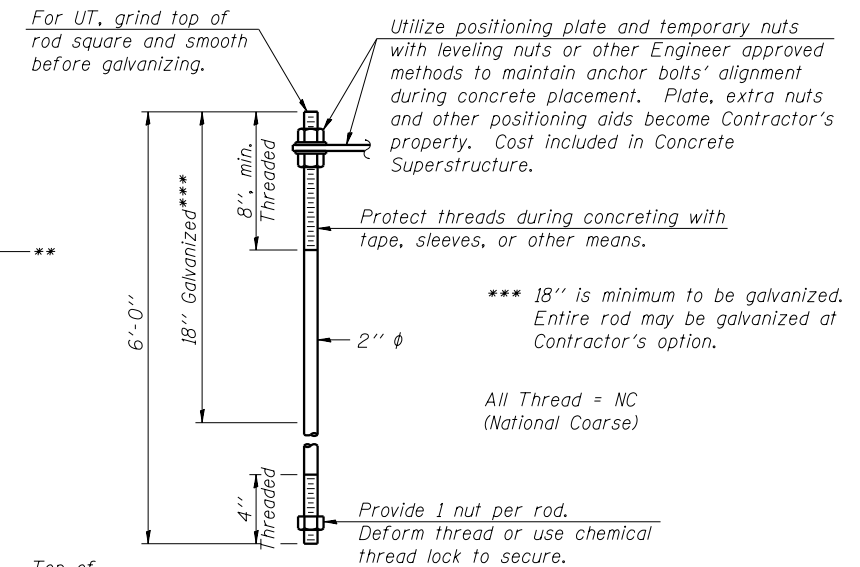
- * Bent bars may be butt welded top and bottom or bottom only. In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 μ m or less.
- ** Butt welded joint in post is only allowed for post heights (H) over 20 ft. in length. If used, weld procedure must be preapproved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.



SIDE ELEVATION



SUGGESTED POSITIONING PLATE



ANCHOR ROD DETAIL

Anchor rods shall conform to ASTM F1554 Grade 105. Galvanize the upper 18" (minimum***) and associated AASHTO M291, Grade A, C or DH heavy hex nuts and hardened washers per AASHTO M232. No welding shall be permitted on rods. Provide a nut at bottom, a hexagon locknut and washer above base plate and a leveling nut and washer below base plate. Nuts shall each be tightened with 200 lb.-ft. minimum torque against base plate. Before or after threading, but before galvanizing, each anchor rod shall be ultrasonically tested (UT) by a Level II or III inspector, qualified in accord with ANSI guidelines, to insure no rejectable flaws exist in the upper 18" (tension criteria). Cost of testing included in Concrete Superstructure.

Structure Number	Station	H
IC16I290R030.2	5164+51.95	20'-6"
IC16I290R030.3	5167+43.94	20'-6"

Note: "H" based on 15'-0" or actual sign height, whichever is greater.

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PARSONS BRINCKERHOFF

USER NAME = pateld	DESIGNED - P.JL/NJP	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JIG	REVISED -
PLOT DATE = 5/8/2017	DRAWN - DCP	REVISED -
	CHECKED - JIG	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES - TYPE II-C-A TRUSS SUPPORT POST - ALUMINUM TRUSS & STEEL POST

SHEET NO. 0H-5 OF 0H-5 SHEETS

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B (EB)	COOK	696	195
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

ELECTRICAL SYMBOLS FOR PROPOSED WORK

	LIGHT TOWER: 400W HPS LUMINAIRES NUMBER INDICATES TOWER TYPE
	TYPE TOWER HEIGHT 13 - 130 FEET 15 - 150 FEET
	LIGHTING UNIT: TYPE AS INDICATED 47'-6" M.H., 6 FT. DAVIT ARM LED LUMINAIRE, TYPE D MOUNTED ON PARAPET WALL
	47'-6" M.H., 12 FT. DAVIT ARM LED LUMINAIRE, TYPE D MOUNTED ON PARAPET WALL
	47'-6" M.H., 2-6 FT. DAVIT ARM 2-LED LUMINAIRES, TYPE D MOUNTED ON PARAPET WALL
	TEMPORARY LUMINAIRE AND POLE; 80 FOOT WOOD POLE
	UNDERPASS LUMINAIRE: LED, TYPE AS SHOWN ON PLANS (PRIMARY DISTRIBUTION PATTERN DIRECTION AS INDICATED BY ARROW)
	MANHOLE
	ELECTRIC HANDHOLE: TYPE AS INDICATED
	TYPE E1: PRECAST CONCRETE, 21.5"x21.5"x30", IDOT STANDARD 814001
	TYPE E2: PRECAST CONCRETE-HEAVY DUTY, 22"x22"x30", IDOT STANDARD 814001
	TYPE C1: COMMUNICATIONS VAULT, 49 5/8"x32 1/8"x57"
	TYPE S1: PRECAST CONCRETE-HEAVY DUTY, 22"x22"x36"
	TYPE S2: PRECAST CONCRETE-HEAVY DUTY SPECIAL, 30"x30"x36"
	DOUBLE HANDHOLE
	JUNCTION BOX: TYPE AND SIZE AS INDICATED ON PLANS
	PULL BOX: TYPE AND SIZE AS INDICATED ON PLANS
	TELEPHONE CONNECTION
	FIBER OPTIC COMMUNICATIONS HUT
	EXISTING LIGHT TOWER
	EXISTING LIGHTING UNIT, TWIN LUMINAIRE
	EXISTING LIGHTING UNIT
	EXISTING TEMPORARY LIGHTING UNIT
	EXISTING CDOT LIGHTING UNIT
	EXISTING UNDERPASS LUMINAIRE
	EXISTING ELECTRIC MANHOLE
	EXISTING ELECTRIC HANDHOLE
	EXISTING JUNCTION BOX
	EXISTING PULL BOX
	EXISTING TELEPHONE CONNECTION
	EXISTING FIBER OPTIC COMMUNICATIONS HUT
	EXISTING ELECTRIC HANDHOLE/MANHOLE
	EXISTING CDOT SURVEILLANCE CABINET

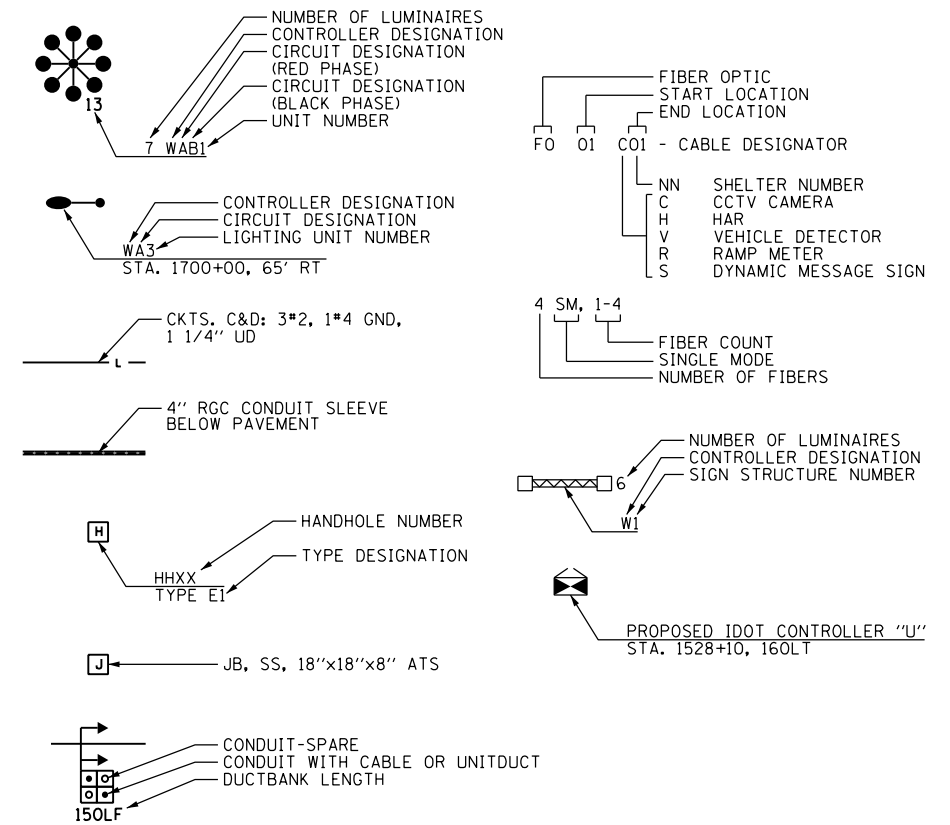
	LIGHTED SIGN STRUCTURE-CANTILEVER TYPE (NUMBER OF FLUORESCENT FIXTURES AS INDICATED - TYP.)
	LIGHTED SIGN STRUCTURE-TRUSS TYPE
	LIGHTED SIGN STRUCTURE-BRIDGE MOUNT TYPE
	DYNAMIC MESSAGE SIGN
	FLASHING BEACON SIGN
	CLOSED CIRCUIT TELEVISION CAMERA
	MICROWAVE DETECTOR
	DETECTOR LOOP
	MAIN DISTRIBUTION PANEL (MDP)
	CONTROLLER CABINET; LIGHTING, RADIO CONTROL DUPLX TYPE WITH SCADA (DOOR SIDE AS INDICATED)
	CONTROLLER CABINET; SURVEILLANCE
	CONTROLLER CABINET; SURVEILLANCE, TYPE 334
	RAMP METER SIGNAL POLE/HEAD
	RAMP METER FLASHER POST
	TEMPORARY WOOD POLE, LENGTH AS INDICATED ON THE PLANS
	HIGHWAY ADVISORY RADIO ANTENNA
	ELECTRIC UTILITY POLE
	CCTV CAMERA POLE
	POLE MOUNTED ELECTRIC UTILITY TRANSFORMER(S)

ELECTRICAL SYMBOLS FOR EXISTING CONDITIONS

	EXISTING CDOT ELECTRIC HANDHOLE/MANHOLE
	EXISTING LIGHTED SIGN STRUCTURE- CANTILEVER TYPE
	EXISTING LIGHTED SIGN STRUCTURE-TRUSS TYPE
	EXISTING LIGHTED SIGN STRUCTURE- BRIDGE MOUNT TYPE
	EXISTING DYNAMIC MESSAGE SIGN
	EXISTING FLASHING BEACON SIGN
	EXISTING CLOSED CIRCUIT TELEVISION CAMERA
	EXISTING MICROWAVE DETECTOR
	EXISTING DETECTOR LOOP
	EXISTING LIGHTING CONTROLLER, DUPLEX
	EXISTING CONTROLLER CABINET

	PAD MOUNTED ELECTRIC UTILITY TRANSFORMER
	GROUND ROD
	MAIN SERVICE FUSED DISCONNECT SWITCH (RATING AS INDICATED)
	PHOTOCELL
	AERIAL CABLE
	FLEXIBLE CONDUIT
	RACEWAY EMBEDDED IN STRUCTURE
	EXPOSED CONDUIT
	RACEWAY OR DIRECT BURIAL CABLE UNDERGROUND WITHOUT ENCASEMENT
	RIGID GALVANIZED STEEL CONDUIT SLEEVE, INSTALLED BELOW PAVEMENT
	UNDERGROUND REINFORCED CONCRETE ENCASED CONDUIT DUCTBANK, UNLESS NOTED OTHERWISE. (NUMBER, TYPE, AND SIZE OF DUCTS AS SHOWN)
	CONDUIT TURNED DOWN
	CONDUIT TURNED UP
	CONDUIT SLEEVE INSTALLED UNDER ROADWAY

GENERAL ELECTRICAL CALLOUTS



TYPICAL EXISTING TO BE REMOVED SYMBOLS

	EXISTING LIGHTING UNIT TO BE REMOVED
	EXISTING UNDERPASS LUMINAIRE TO BE REMOVED
	EXISTING JUNCTION BOX TO BE REMOVED
	EXISTING LIGHTED SIGN STRUCTURE- CANTILEVER TYPE TO BE REMOVED
	DYNAMIC MESSAGE SIGN TO BE REMOVED
	FLASHING BEACON SIGN TO BE REMOVED
	EXISTING LIGHTING CONTROLLER, DUPLEX TO BE REMOVED
	EXISTING CONTROLLER CABINET TO BE REMOVED
	EXISTING DETECTOR LOOP TO BE REMOVED
	EXISTING RAMP METER SIGNAL POLE/HEAD TO BE REMOVED
	EXISTING RAMP METER FLASHER TO BE REMOVED
	EXISTING POLE MOUNTED UTILITY SERVICE CONNECTION TO BE REMOVED
	EXISTING LIGHT TOWER, PAD, AND FOUNDATION TO BE REMOVED

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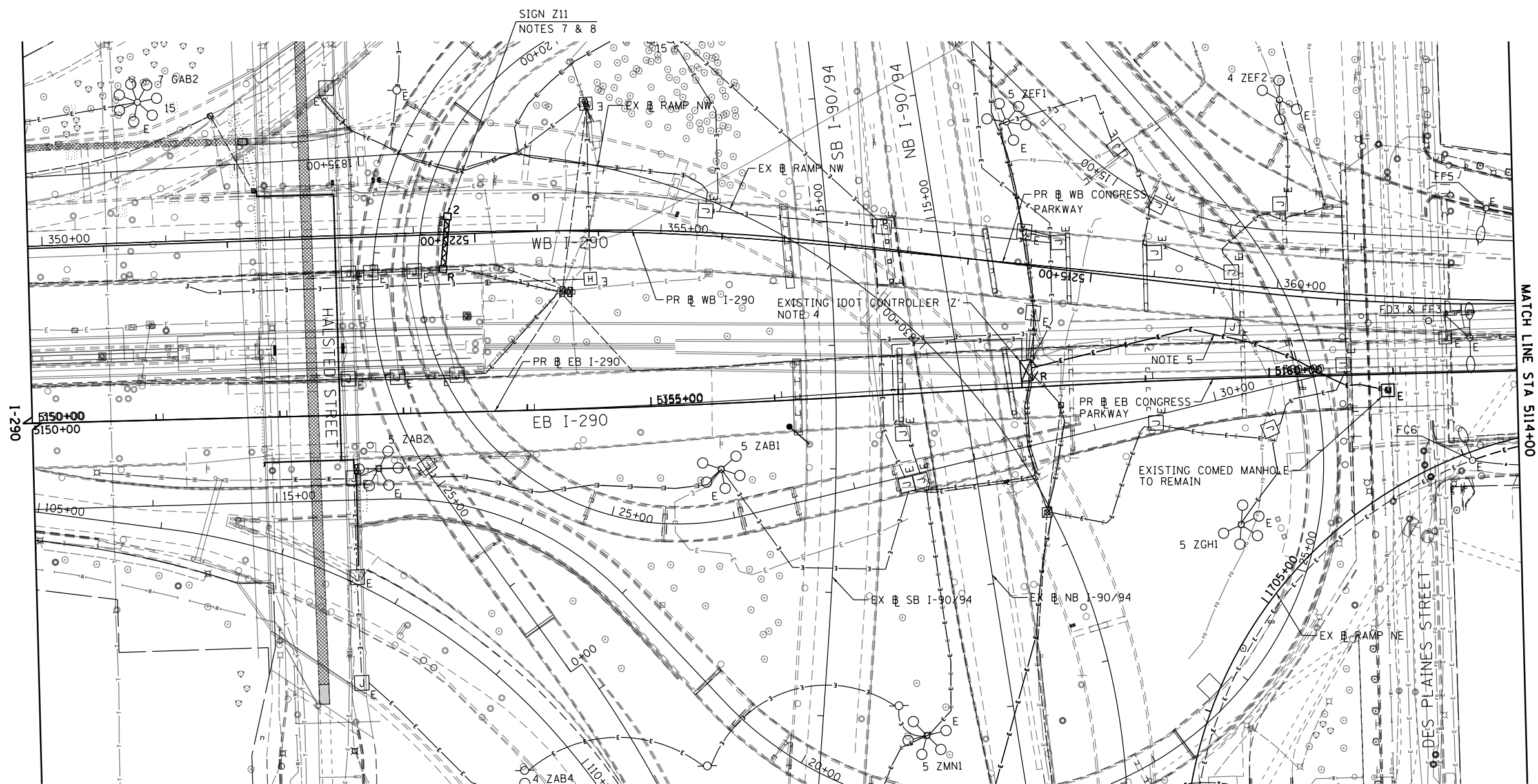
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IDOT ELECTRICAL SYMBOLS

SCALE: N.T.S. SHEET 1 OF 17 SHEETS STA. TO STA.

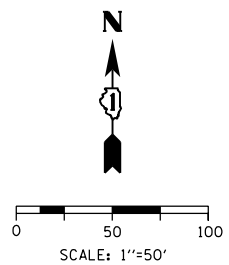
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	196
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

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NOTES:

1. SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
2. LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT SHOWN ON THIS SHEET ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD.
3. ALL WORK SHOWN ON THIS SHEET MUST BE COORDINATED WITH THIS CONTRACT'S CONSTRUCTION WORK AND STAGING.
4. EXISTING IDOT CONTROLLER 'Z' SHALL BE REMOVED AND SALVAGED BACK TO IDOT. CONTROLLER 'Z' SHALL REMAIN ACTIVE UNTIL THE PROPOSED LIGHTING CONTROLLER 'Z' SHOWN ON E-04 AND ITS UTILITY SERVICE FEED HAVE BEEN INSTALLED, ENERGIZED, TESTED AND APPROVED BY IDOT. THE EXISTING CONCRETE CONTROLLER FOUNDATION SHALL BE REMOVED AND PROPERLY DISPOSED.
5. THE EXISTING ELECTRICAL UTILITY SERVICE FEED AND ALL ASSOCIATED EQUIPMENT FOR EXISTING IDOT CONTROLLER 'Z' SHALL BE REMOVED. ALL REMOVAL WORK SHALL BE COORDINATED WITH THE UTILITY SERVICE PROVIDER, COMED, PRIOR TO BEGINNING ANY WORK TO ENSURE CONTINUOUS POWER TO THE IDOT LIGHTING CIRCUITS FED FROM CONTROLLER 'Z' DURING NIGHTTIME HOURS. THIS WORK WILL BE INCLUDED IN THE "REMOVAL OF ELECTRIC SERVICE INSTALLATION" PAY ITEM.
6. ALL OF THE EXISTING LIGHTING CIRCUITS CURRENTLY FED FROM CONTROLLER 'Z' SHALL REMAIN ENERGIZED DURING NIGHTTIME HOURS FOR THE DURATION OF THE WORK TO REMOVE THE EXISTING AND INSTALL THE NEW LIGHTING CONTROLLER. ANY TEMPORARY POWER REQUIRED FOR THIS WORK TO TRANSITION FROM THE EXISTING TO NEW CONTROLLER TO KEEP THE LIGHTING SYSTEM ENERGIZED WILL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.
7. REMOVE THE EXISTING SIGN LUMINAIRES AND SALVAGE TO IDOT. THIS REMOVAL WORK WILL NOT BE PAID SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE "REMOVAL OF EXISTING STRUCTURES NO. 3" PAY ITEM.
8. DISCONNECT THE EXISTING SIGN LIGHTING ELECTRICAL FEED AND REMOVE CABLES BACK TO THE NEAREST SPLICE POINT UNAFFECTED BY CONSTRUCTION. THIS WORK SHALL BE PAID FOR UNDER THE "DISCONNECT SIGN LIGHTING AND REMOVE TO THE NEAREST SPLICE" PAY ITEM.



E-02



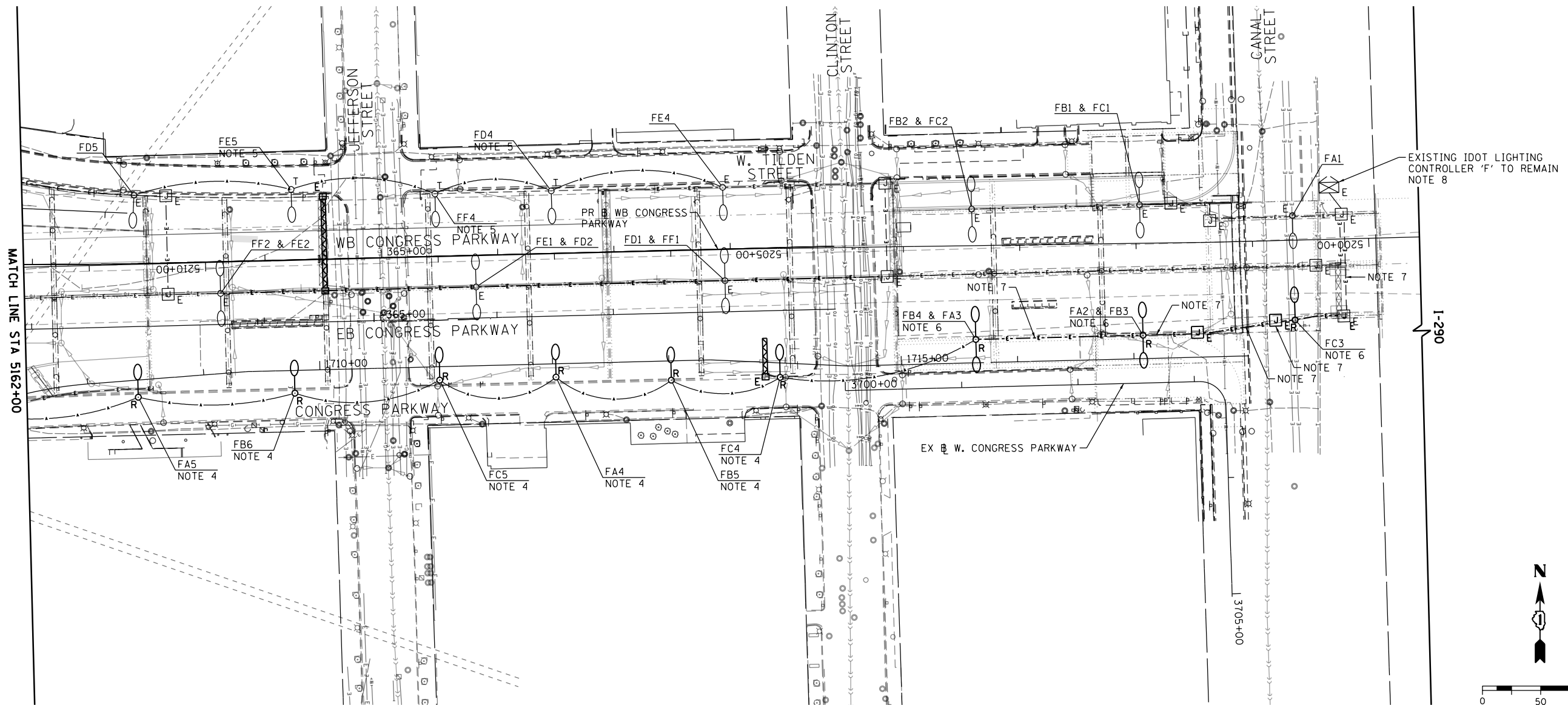
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING LIGHTING PLAN	
EB I-290 OVER I-90/94 AND EB CONGRESS PARKWAY	
SCALE: 1"=50'	SHEET 2 OF 17 SHEETS STA. 5150+00 TO STA. 5162+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	197
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

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NOTES:

- 1. SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
- 2. LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT SHOWN ON THIS SHEET ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD.
- 3. ALL WORK SHOWN ON THIS SHEET MUST BE COORDINATED WITH THIS CONTRACT'S CONSTRUCTION WORK AND STAGING.
- 4. THE EXISTING TEMPORARY LIGHTING UNITS AND ASSOCIATED FEEDS WILL BE REMOVED AT A TIME DETERMINED BY THE ENGINEER AFTER THE NEW ROADWAY LIGHTING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED AND APPROVED BY IDOT.
- 5. EXISTING TEMPORARY LIGHTING UNITS AND THEIR ASSOCIATED AERIAL FEEDER CABLES ARE TO REMAIN AT THE CONCLUSION OF CONTRACT 60X75 AND BE REMOVED IN A FUTURE CONTRACT.
- 6. EXISTING LIGHTING UNIT TO BE REMOVED AND SALVAGED TO IDOT. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE THE EXISTING ANCHOR BOLTS AND FOUNDATION DURING THE LIGHTING UNIT REMOVAL PROCESS. IF THE FOUNDATIONS AND/OR ANCHOR BOLTS ARE DAMAGED DURING THE REMOVAL WORK SUCH THAT THE NEW DAVIT POLE CANNOT BE INSTALLED PROPERLY, THE EXISTING SECTION OF THE WALL CONTAINING THE LIGHT POLE FOUNDATION SHALL BE RECONSTRUCTED, SEE THE STRUCTURAL PLANS FOR THE FOUNDATION DETAILS.
- 7. REMOVE THE EXISTING LIGHTING CABLES FROM THE EXISTING CONDUIT PROVIDING POWER TO EXISTING LIGHTING UNITS FA3/FB4, FA2/FB3 AND FC3 ALL THE WAY BACK TO THE CONTROLLER WHEN THE EXISTING LIGHTING UNITS ARE REPLACED WITH NEW AS SHOWN ON DRAWING E-05. THE EXISTING CONDUIT SHALL BE RODDED AND CLEANED FOR REUSE.
- 8. ALL OF THE EXISTING LIGHTING CIRCUITS CURRENTLY FED FROM CONTROLLER F SHALL REMAIN ENERGIZED DURING NIGHTTIME HOURS FOR THE DURATION OF THE WORK. ANY TEMPORARY POWER REQUIRED TO KEEP THE LIGHTING SYSTEM ENERGIZED WILL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

E-03



D160X75-SHT-Light-03	DESIGNED - PFD	REVISED -
USER NAME = myersc	DRAWN - CAM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - WDS	REVISED -
PLOT DATE = 5/3/2017	DATE - 5/10/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

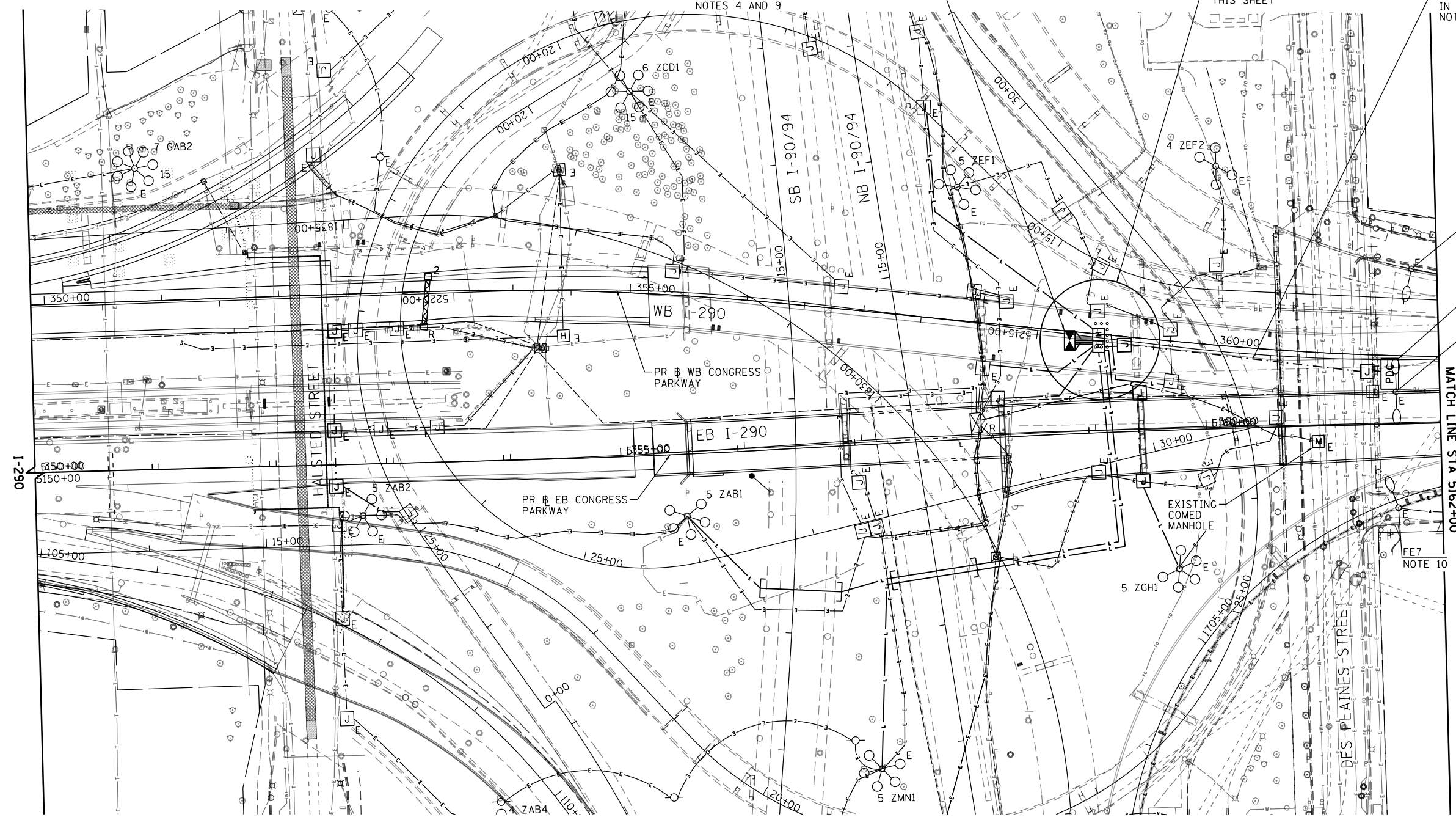
EXISTING LIGHTING PLAN	
EB I-290 OVER I-90/94 AND EB CONGRESS PARKWAY	
SCALE: 1"=50'	SHEET 3 OF 17 SHEETS STA.5162+00 TO STA.5174+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	198
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

PROPOSED IDOT LIGHTING CONTROLLER 'Z'
480/240V, 1 PH, 3W
STA. 5158+87, 79.6' LT
NOTES 4 AND 9

SEE DETAIL A
THIS SHEET

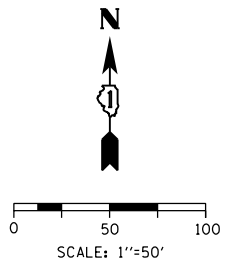
3-1/C 350MCM & 1-1/C #2 GND CABLES
IN 4" PVCC RGC CONDUIT ATS
NOTE 3



POWER DISTRIBUTION CENTER (PDC)
NOTES 2, 6 AND 7
FD3 & FF3

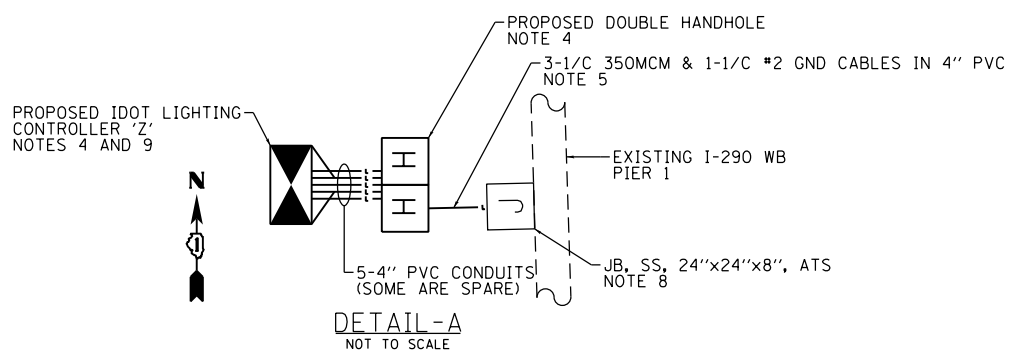
MATCH LINE STA 5162+00

FE7
NOTE 10



NOTES:

1. SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
2. SEE DRAWING E-12 FOR ADDITIONAL DETAILS FOR INSTALLING THE POWER DISTRIBUTION CENTER.
3. PROVIDE A POWER FEED FROM THE POWER DISTRIBUTION CENTER TO THE NEW IDOT LIGHTING CONTROLLER Z. THE CONDUIT SHALL BE ATTACHED TO THE UNDERSIDE OF THE I-290 WB BRIDGE STRUCTURE ON THE EXISTING BEAMS USING IDOT APPROVED PVC COATED BEAM CLAMPS AND HARDWARE.
4. THE CONTRACTOR SHALL STAKE THE FINAL LOCATIONS OF THE PROPOSED LIGHTING CONTROLLER Z AND DOUBLE HANDHOLE IN THE FIELD FOR THE ENGINEER'S REVIEW AND APPROVAL PRIOR TO STARTING ANY WORK.
5. THE CONDUIT FOR THE POWER FEED FOR CONTROLLER Z SHALL BE ROUTED OUT OF THE DOUBLE HANDHOLE TO THE EAST FACE OF EXISTING WB I-290 PIER 1. THE CONDUIT SHALL BE ROUTED VERTICALLY UP THE FACE OF PIER 1 TO A NEW JUNCTION BOX THEN TO THE BRIDGE BEAMS AS SHOWN. THE BELOW GRADE CONDUIT SHALL BE PVC AND THE CONDUIT ATTACHED TO STRUCTURE SHALL BE PVCC RIGID GALVANIZED STEEL. PROVIDE A PVC TO PVCC RGC COUPLING FOR CONNECTING THE TWO CONDUIT TYPES.
6. PROVIDE A GROUNDING SYSTEM FOR THE POWER DISTRIBUTION CENTER SIMILAR TO THE GROUNDING FIELD WITH GROUND ELECTRODES, CABLES AND WELLS AS SHOWN ON IDOT DISTRICT 1 STANDARD BE-205.
7. PROVIDE A CONCRETE FOUNDATION FOR THE POWER DISTRIBUTION CENTER SIMILAR TO THE CONCRETE FOUNDATION SHOWN ON IDOT DISTRICT 1 STANDARD BE-205. THE DIMENSIONS OF THE FOUNDATION SHALL BE ADJUSTED IN THE FIELD AS REQUIRED TO MATCH THE ACTUAL DIMENSIONS TO THAT OF THE POWER DISTRIBUTION CENTER ENCLOSURE. THE CONCRETE FOUNDATION WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE "POWER DISTRIBUTION CENTER, GROUND MOUNT" PAY ITEM.
8. INSTALL THE JUNCTION BOX AT THE TOP OF THE PIER.
9. SEE DRAWING E-06 FOR THE REROUTING OF THE EXISTING LIGHTING CIRCUITS TO THE NEW CONTROLLER Z.
10. PROVIDE A NEW LIGHTING DECAL ON THE EXISTING LIGHTING UNIT TO RENAME AS SHOWN.



E-04

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USER NAME = myersc
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PLOT DATE = 5/3/2017

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DATE - 5/10/2017

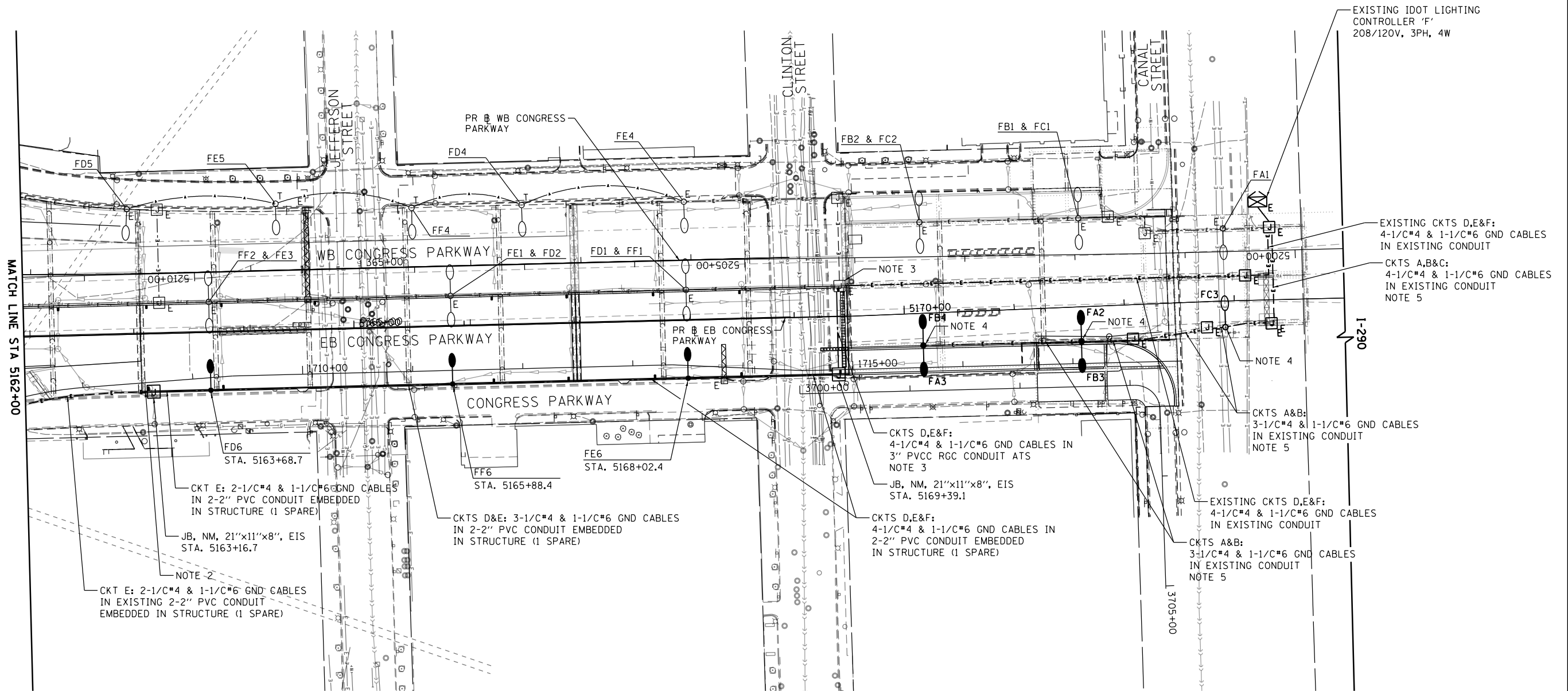
REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
EB I-290 OVER I-90/94 AND EB CONGRESS PARKWAY**
SCALE: 1"=50' SHEET 4 OF 17 SHEETS STA. 5150+00 TO STA. 5162+00

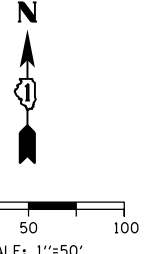
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	199
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				

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NOTES:

- 1. SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
- 2. INTERCEPT THE EXISTING TWO 2-INCH PVC CONDUITS EMBEDDED IN THE RAMP NE PARAPET WALL AND ROUTE THE CONDUITS TO THE PROPOSED EMBEDDED JUNCTION BOX AS SHOWN.
- 3. INTERCEPT THE EXISTING 3-INCH CONDUIT STUB ROUTED THROUGH THE BOTTOM OF THE DECK WITH A NEW 3-INCH CONDUIT ATTACHED TO STRUCTURE TO MAKE A CONNECTION FROM THE EXISTING JUNCTION BOX EMBEDDED IN THE MEDIAN BARRIER WALL (INSTALLED IN CONTRACT 60X78) AND THE PROPOSED JUNCTION BOX EMBEDDED IN THE SOUTHERN PARAPET WALL. CONNECT THE NEW LIGHTING CABLES TO EXISTING LIGHTING CIRCUITS D, E AND F WITHIN THE EXISTING JUNCTION BOX.
- 4. INSTALL THE NEW DAVIT POLE ON THE EXISTING PARAPET WALL FOUNDATION. IF THE EXISTING ANCHOR BOLTS ARE DAMAGED OR RUSTED AND CANNOT BE REUSED SUCH THAT THE NEW POLE CANNOT BE INSTALLED PROPERLY, THE CONTRACTOR SHALL RECONSTRUCT THE PORTION OF THE PARAPET WALL CONTAINING THE LIGHT POLE FOUNDATION. SEE THE STRUCTURAL PLANS FOR THE FOUNDATION DETAILS, IF REQUIRED.
- 5. INSTALL NEW LIGHTING CIRCUIT CABLES IN EXISTING CONDUIT FROM FA3/FB4 ALL THE WAY BACK TO CONTROLLER F.



D160X75-SHT-Light-05		DESIGNED - PFD	REVISED -
USER NAME = myersc		DRAWN - CAM	REVISED -
PLOT SCALE = 100.0000' / in.		CHECKED - WDS	REVISED -
PLOT DATE = 5/3/2017		DATE - 5/10/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
EB I-290 OVER I-90/94 AND EB CONGRESS PARKWAY

SCALE: 1"=50' SHEET 5 OF 17 SHEETS STA.5162+00 TO STA.5174+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-001 R&B	COOK	696	200
CONTRACT NO. 60X75				
ILLINOIS FED. AID PROJECT				