

TRAFFIC CONTROL LAYOUT INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	5250+87.94	7.0'	RT	P-IKE-WB
2	5250+65.00	3.0'	RT	P-IKE-WB
3	5249+84.26	7.0'	RT	P-IKE-WB
4	5247+00.77	8.3'	RT	P-IKE-WB
5	5241+23.11	12.0'	RT	P-IKE-WB
6	5242+04.58	9.6'	RT	P-IKE-WB
7	5241+54.72	5.8'	RT	P-IKE-WB
8	5250+87.94	15.5'	LT	P-IKE-WB
9	5250+65.00	13.5'	LT	P-IKE-WB
10	5249+92.52	15.5'	LT	P-IKE-WB
11	5246+41.87	16.4'	LT	P-IKE-WB
12	5242+23.35	29.5'	LT	P-IKE-WB

NOTES:

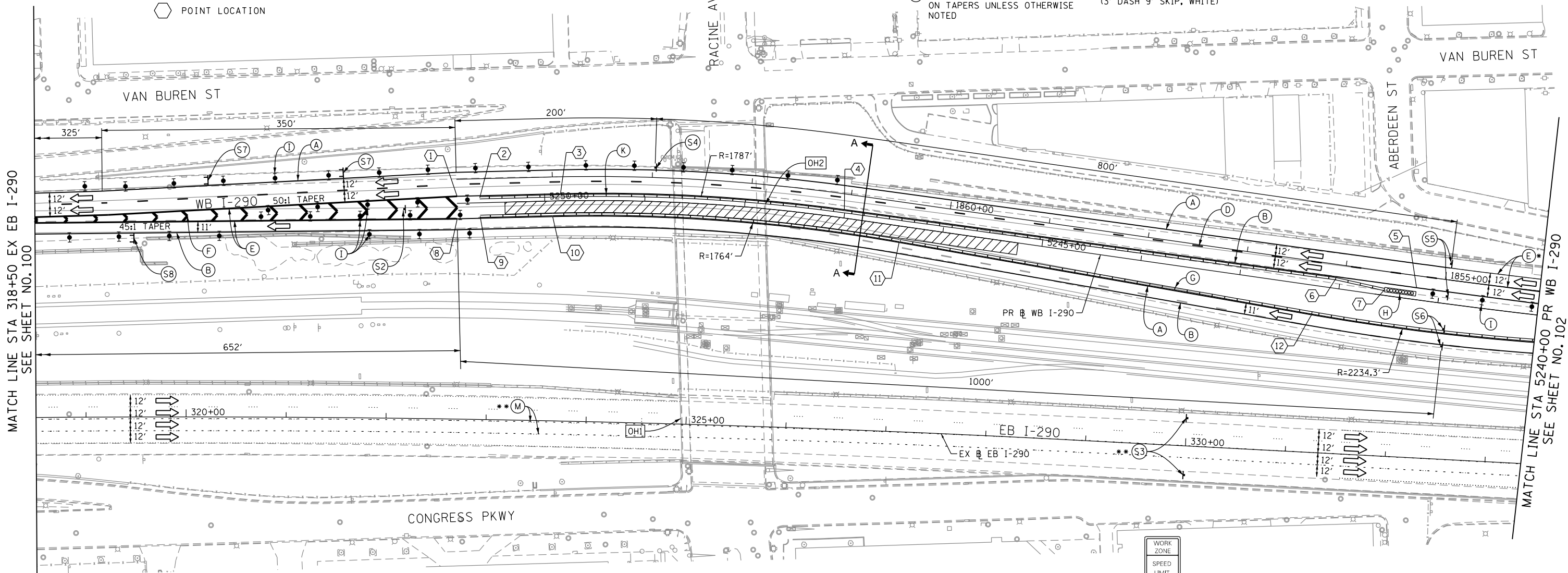
- ALL TRAVEL LANES ON EB I-290, RAMP EN, AND RAMP ES SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X78 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.
 - STAGE 1C LANE CONFIGURATION AND SIGNS SHALL BE USED ONLY DURING THE CONSTRUCTION OF LANE BETWEEN STA 5245+23.93 TO STA 5250+40.00 (PR WB I-290) AS SHOWN BY WORK ZONE.
 - CONTRACTOR WILL BE REQUIRED TO COMPLETE THE CONSTRUCTION SHOWN IN WORK ZONE BETWEEN STA 5245+23.93 TO 5250+40.00 WITHIN 21 CALENDAR DAYS.
- * FROM PREVIOUS STAGE TO REMAIN
** FROM CONTRACT 60X78 TO REMAIN

PROPOSED TEMP 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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



MATCH LINE STA 318+50 EX EB I-290 SEE SHEET NO. 100

MATCH LINE STA 5240+00 PR WB I-290 SEE SHEET NO. 102

[OH1] EXISTING OVERHEAD SIGNS TO REMAIN

[OH2] EXISTING OVERHEAD SIGNS TO REMAIN

Congress Pkwy Chicago Loop

WEST Kennedy Expy
Wisconsin
EXIT ONLY

EAST Ryan Expy
Indiana
EXIT ONLY

EXIT 28A
Damen Ave
3/4 MILE

EXIT 28B
Ashland Ave
1/4 MILE

ROAD CONSTRUCTION AHEAD (S1)

LANE AHEAD (S2)

WORK ZONE SPEED LIMIT 45 PHOTO ENFORCED (S3)

ALL TRAFFIC (S4)

LANE CLOSURE (S5)

LANE SHIFT (S6)

LANE SHIFT (S7)

LANE SHIFT (S8)

GRAPHIC SCALE
0 25 50 100 FEET

N



D160X77-Sht-Staging-ML-1C-01	DESIGNED - PHP	REVISED -
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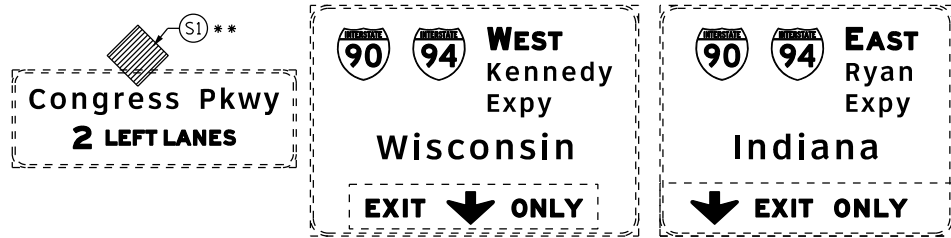
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 1C
SCALE: 1" = 50' SHEET 2 OF 10 SHEETS STA. 318+50 TO STA. 5240+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	101
CONTRACT NO. 60X77				

ILLINOIS FED. AID PROJECT

[OH1] EXISTING OVERHEAD SIGNS TO REMAIN



NOTES:

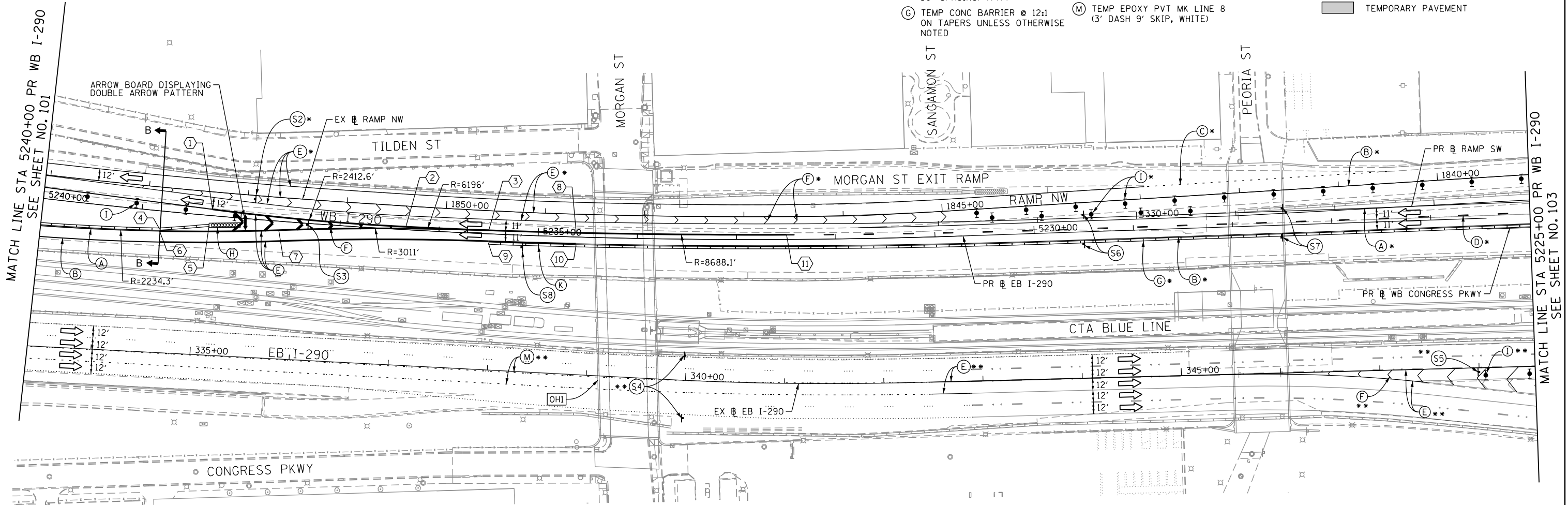
1. ALL TRAVEL LANES ON EB I-290, RAMP EN, AND RAMP ES SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X78 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.

* FROM PREVIOUS STAGE TO REMAIN
** FROM CONTRACT 60X78 TO REMAIN

PROPOSED TEMP 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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

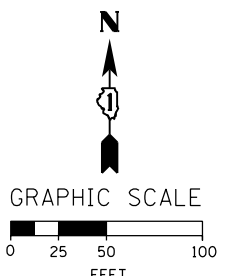
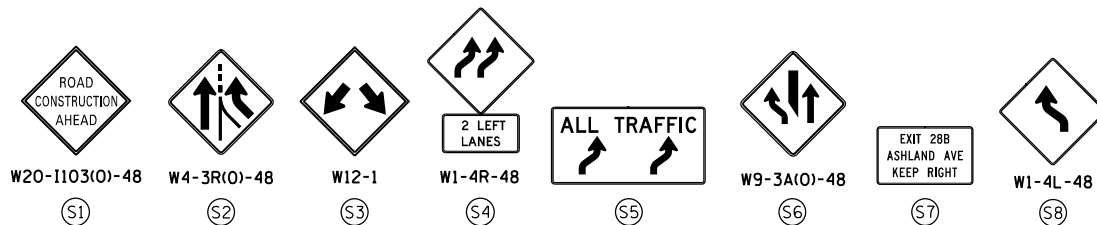
- LEGEND:**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
 - ARROW BOARD
 - REMOVAL LIMITS
 - TEMPORARY PAVEMENT



TRAFFIC CONTROL LAYOUT INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PT	5238+29.33	6.4'	RT	P-IKE-WB
2	PCC	5236+33.62	3.0'	RT	P-IKE-WB
3	PC	5235+49.86	3.6'	RT	P-IKE-WB
4		5238+80.58	18.3'	LT	P-IKE-WB
5		5238+31.39	9.9'	LT	P-IKE-WB
6	POC	5238+80.42	20.3'	LT	P-IKE-WB
7	PRC	5237+61.17	9.0'	LT	P-IKE-WB
8	PCC	5234+61.72	4.2'	RT	P-IKE-WB
9		5235+49.77	9.4'	LT	P-IKE-WB
10		5234+61.63	8.8'	LT	P-IKE-WB
11	POC	5232+49.64	4.7'	LT	P-IKE-WB

POINT LOCATION



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DESIGNED - PHP
DRAWN - ZND
CHECKED - DBM
DATE - 4/27/2016

REVISED -
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REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 1C**

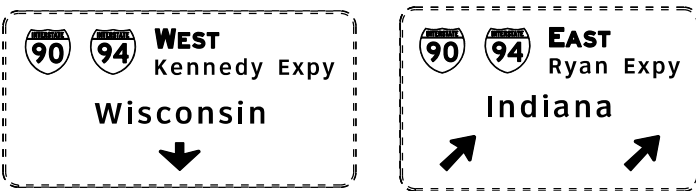
SCALE: 1" = 50' SHEET 3 OF 10 SHEETS STA. 5255+00 TO STA. 5240+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	102
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

PROPOSED TEMP 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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

OH2 EXISTING OVERHEAD SIGNS TO REMAIN

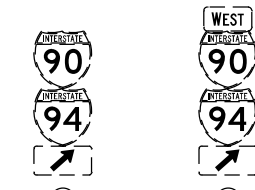


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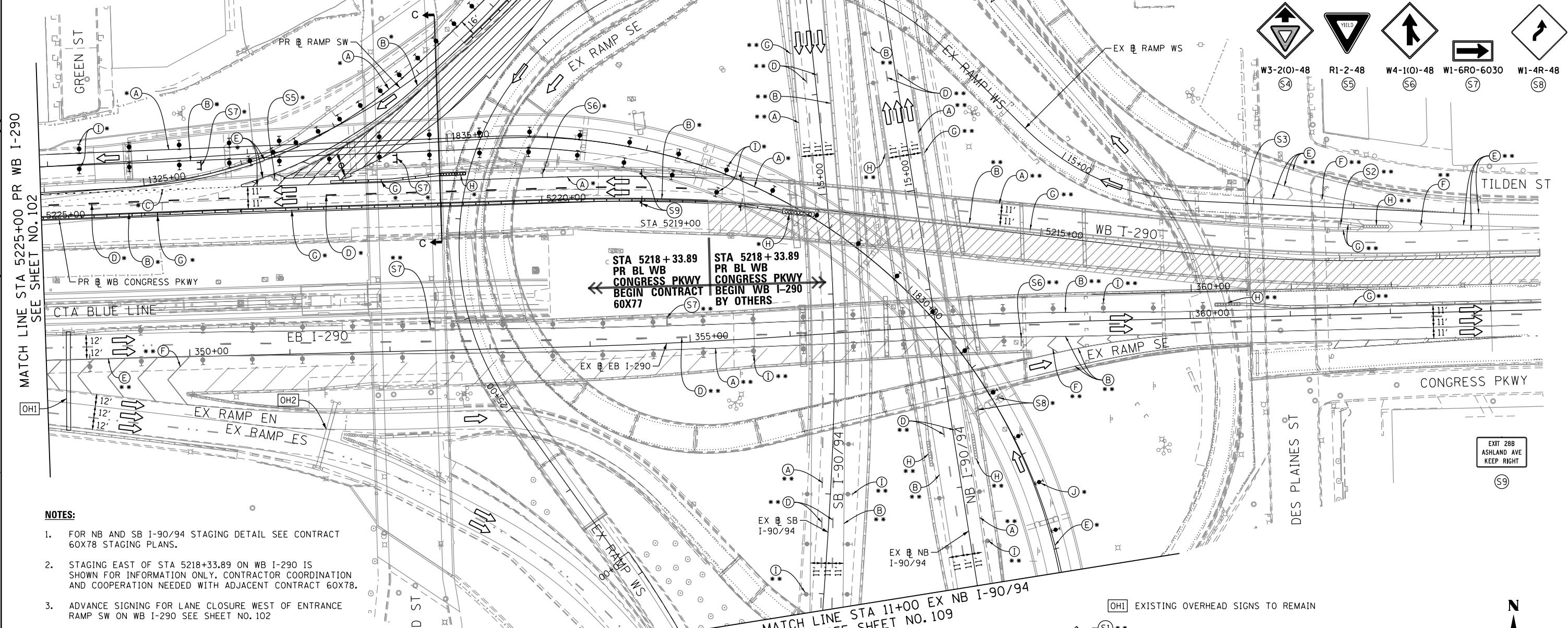
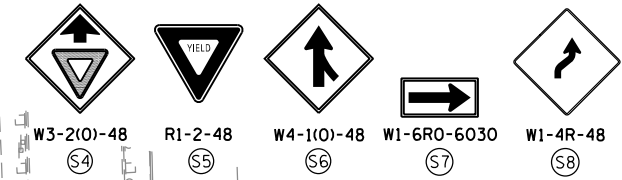
- FOR NB AND SB I-90/94 STAGING DETAIL SEE CONTRACT 60X78 STAGING PLANS.
- STAGING EAST OF STA 5218+33.89 ON WB I-290 IS SHOWN FOR INFORMATION ONLY. CONTRACTOR COORDINATION AND COOPERATION NEEDED WITH ADJACENT CONTRACT 60X78.

LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT
- * FROM PREVIOUS STAGE TO REMAIN
- ** FROM CONTRACT 60X78 TO REMAIN



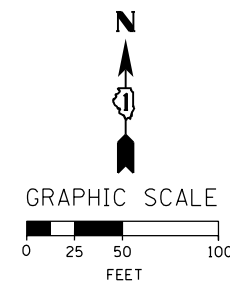
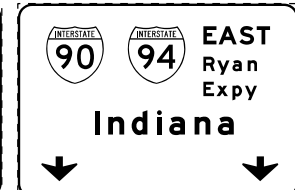
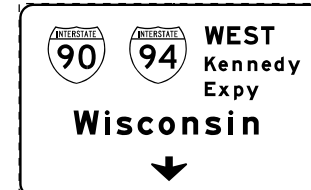
EXISTING SIGN TO REMAIN S2
EXISTING SIGN TO REMAIN S3



NOTES:

- FOR NB AND SB I-90/94 STAGING DETAIL SEE CONTRACT 60X78 STAGING PLANS.
- STAGING EAST OF STA 5218+33.89 ON WB I-290 IS SHOWN FOR INFORMATION ONLY. CONTRACTOR COORDINATION AND COOPERATION NEEDED WITH ADJACENT CONTRACT 60X78.
- ADVANCE SIGNING FOR LANE CLOSURE WEST OF ENTRANCE RAMP SW ON WB I-290 SEE SHEET NO. 102

OH1 EXISTING OVERHEAD SIGNS TO REMAIN



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 1C
SCALE: 1" = 50' SHEET 4 OF 10 SHEETS STA. 5225+00 TO STA. 5210+00

F.A.I. RTE. 90/94/290	SECTION 2014-003R&B	COUNTY COOK	TOTAL SHEETS 431	SHEET NO. 103
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

OH1 EXISTING OVERHEAD SIGNS TO REMAIN

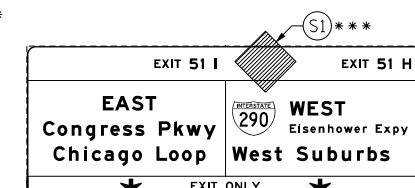
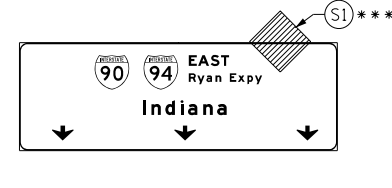
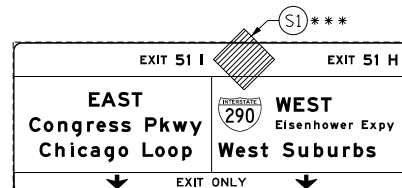
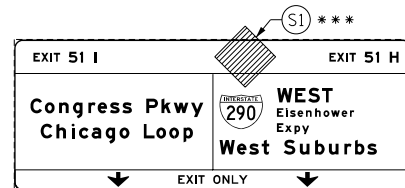
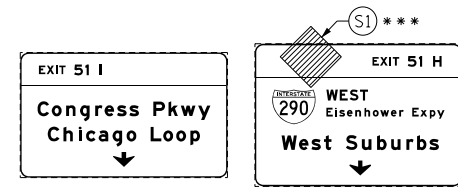
OH2 EXISTING OVERHEAD SIGNS TO REMAIN

OH3 EXISTING OVERHEAD SIGNS TO REMAIN

OH4 EXISTING OVERHEAD SIGN

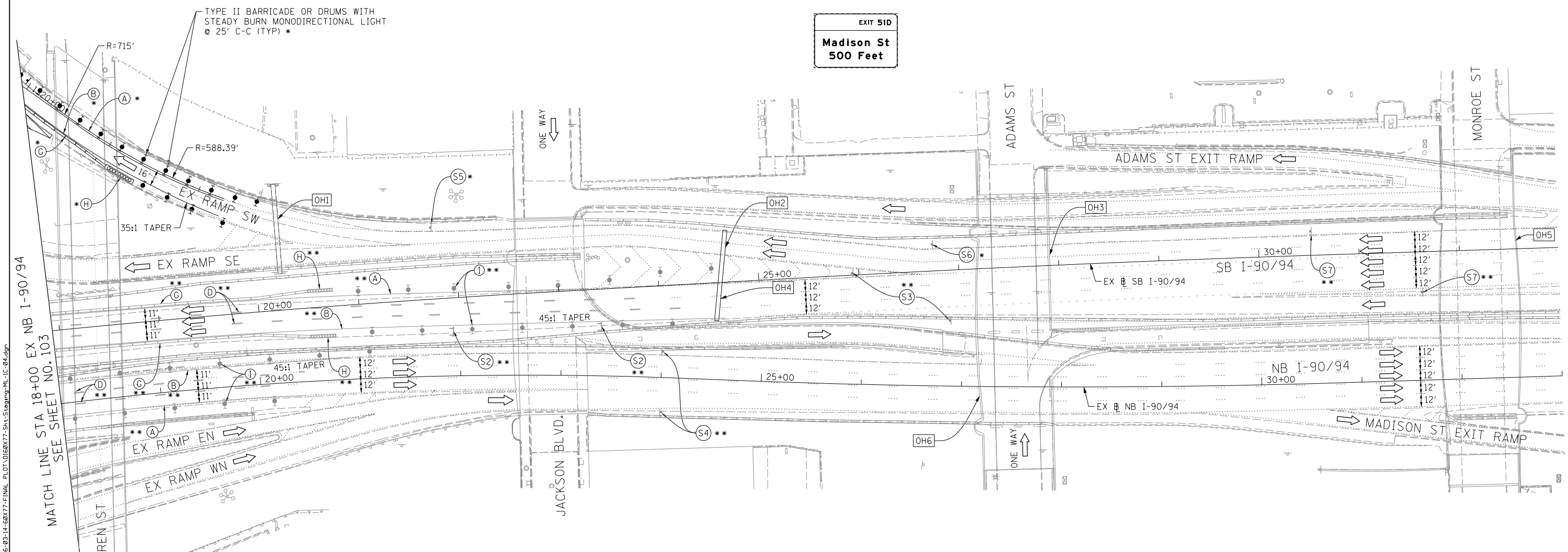
OH5 EXISTING OVERHEAD SIGN TO REMAIN

NOTES:



1. ALL TRAVEL LANES ON SB AND NB I-90/94 SHALL BE MAINTAINED AS PER CONTRACTS 60W30 AND 60X78.
2. ALL PAVEMENT MARKING AND SIGNINGS ON SB I-90/94, EXIT RAMP SW AND SE SHALL BE COORDINATED ON FIELD WITH CONTRACTS 60W30 AND 60X78 AND AS PER FIELD ENGINEER.
3. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. SEE TRAFFIC CONTROL GENERAL NOTES FOR DETAIL.

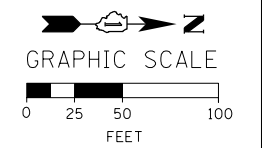
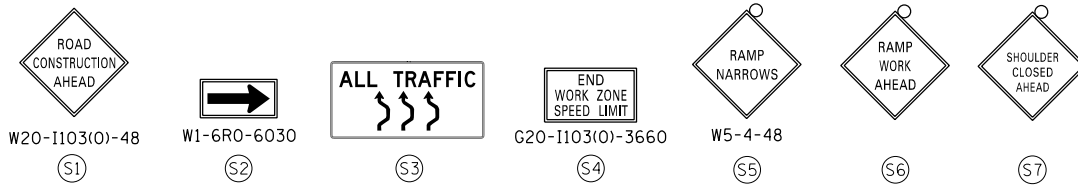
OH6 EXISTING OVERHEAD SIGN



PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- | | | |
|---|---|-----|
| (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE) | (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE) | * |
| (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW) | (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS | ** |
| (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE) | (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C | *** |
| (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE) | (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED | |
| (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE) | (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE) | |
| (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP) | (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE) | |
| (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED | | |

- LEGEND:**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
 - ARROW BOARD
 - REMOVAL LIMITS
 - TEMPORARY PAVEMENT



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 MATCH LINE STA 18+00 EX NB I-90/94 SEE SHEET NO. 103
 VAN BUREN ST JACKSON BLVD ADAMS ST MONROE ST



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DATE - 3/14/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 1C
 SCALE: 1" = 50' SHEET 5 OF 10 SHEETS STA. 18+00 TO STA. 33+00

F.A.I. RTE. 90/94/290	SECTION 2014-003R&B	COUNTY COOK	TOTAL SHEETS 431	SHEET NO. 104
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

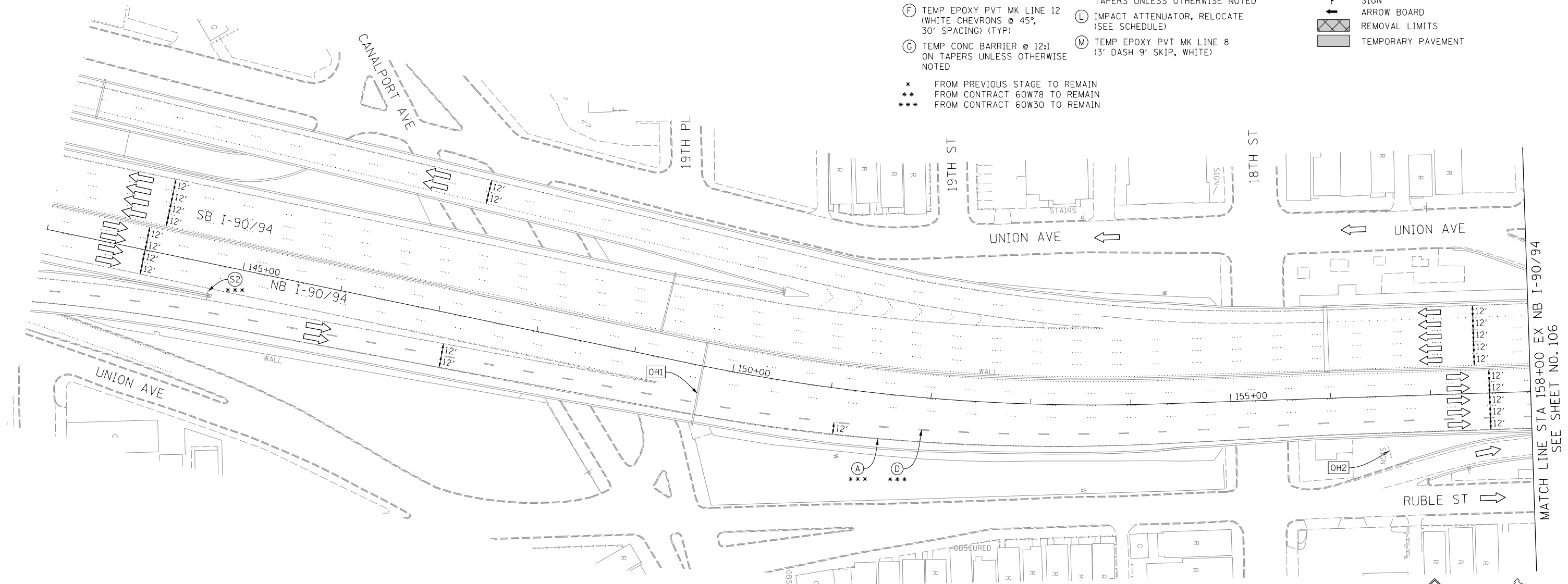
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
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- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

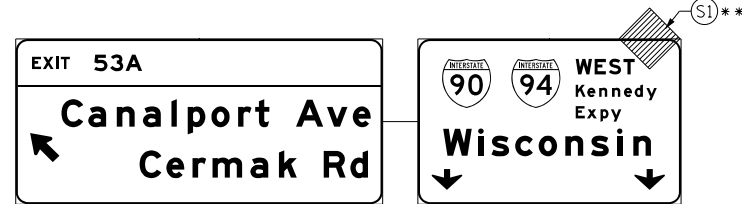
- * FROM PREVIOUS STAGE TO REMAIN
- ** FROM CONTRACT 60W78 TO REMAIN
- *** FROM CONTRACT 60W30 TO REMAIN

LEGEND:

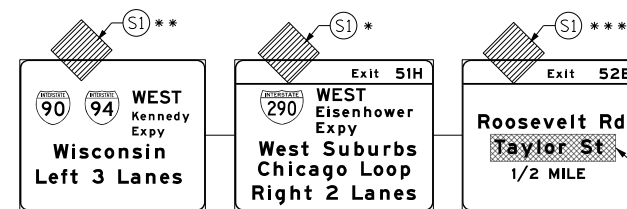
- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
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- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
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- REMOVAL LIMITS
- TEMPORARY PAVEMENT



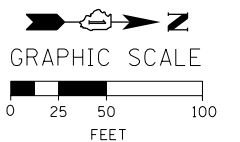
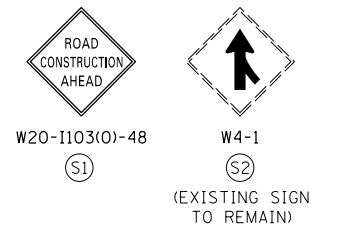
EXISTING OVERHEAD SIGN LOCATED APPROX AT STA 130+00
EX I-90/94 OVER I-55 TO NB I-90/94 RAMP



OH1 EXISTING OVERHEAD SIGNS



OH2 UNCOVER EXISTING GROUND MOUNTED SIGN



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DATE - 3/14/2016

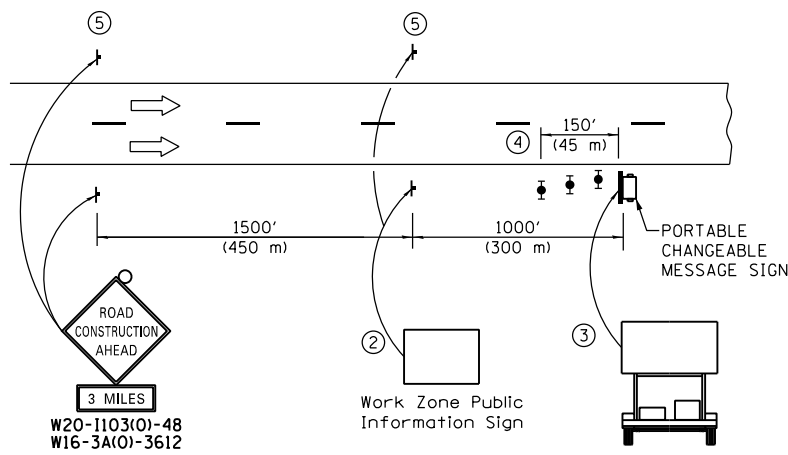
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 1C**

SCALE: 1" = 50' SHEET 6 OF 10 SHEETS STA. 143+00 TO STA. 158+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	105
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

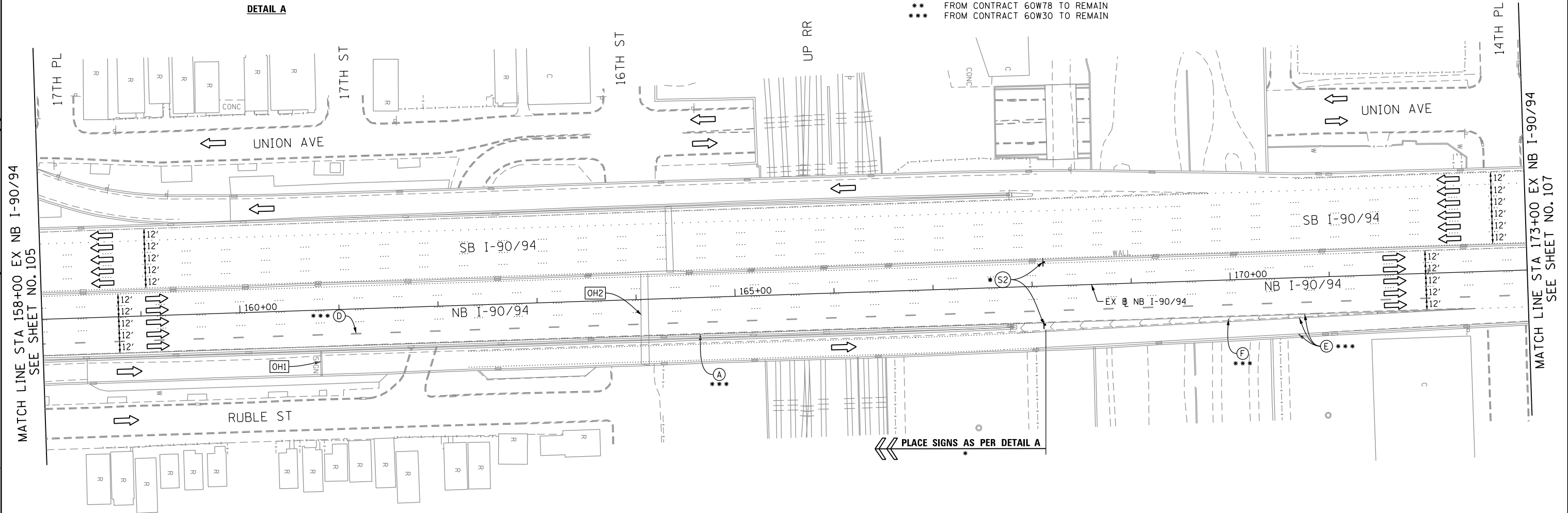


DETAIL A

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILE 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 50' (15 m) CENTERS.
- ⑤ THIS SIGN SHALL BE OMITTED WHEN MEDIAN WIDTH IS LESS THAN 10' (3 m).

- PROPOSED TEMP 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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
 - (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
 - (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP
 - (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
 - (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
 - (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- * FROM PREVIOUS STAGE TO REMAIN
 ** FROM CONTRACT 60W78 TO REMAIN
 *** FROM CONTRACT 60W30 TO REMAIN

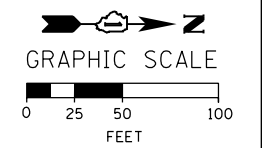
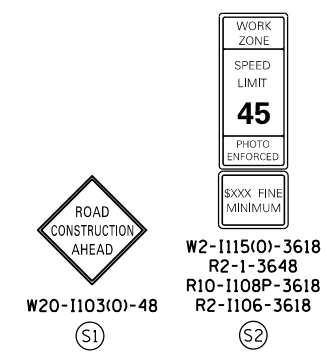
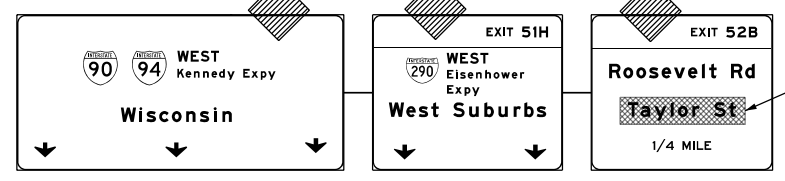
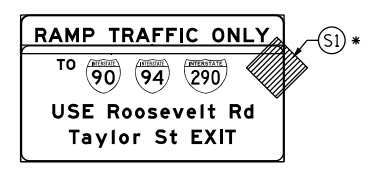
- LEGEND:**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - ARROW BOARD
 - REMOVAL LIMITS
 - TEMPORARY PAVEMENT



PLACE SIGNS AS PER DETAIL A

[OH1] EXISTING OVERHEAD SIGN

[OH2] EXISTING OVERHEAD SIGNS



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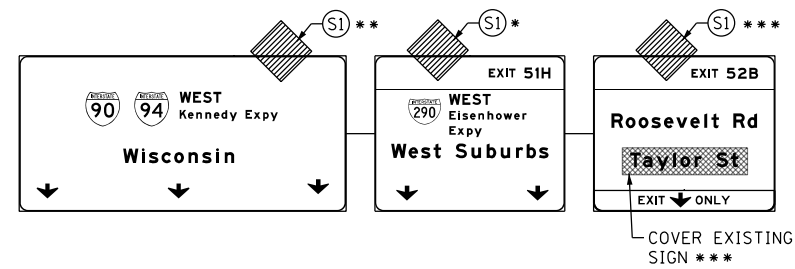
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

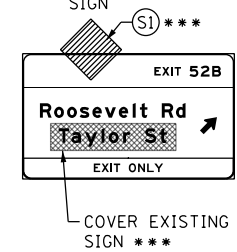
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 1C
 SCALE: 1" = 50' SHEET 7 OF 10 SHEETS STA. 158+00 TO STA. 173+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	106
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

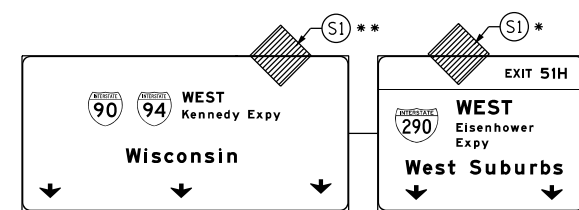
[OH1] EXISTING OVERHEAD SIGNS



[OH2] EXISTING OVERHEAD SIGN



[OH3] EXISTING OVERHEAD SIGNS TO REMAIN



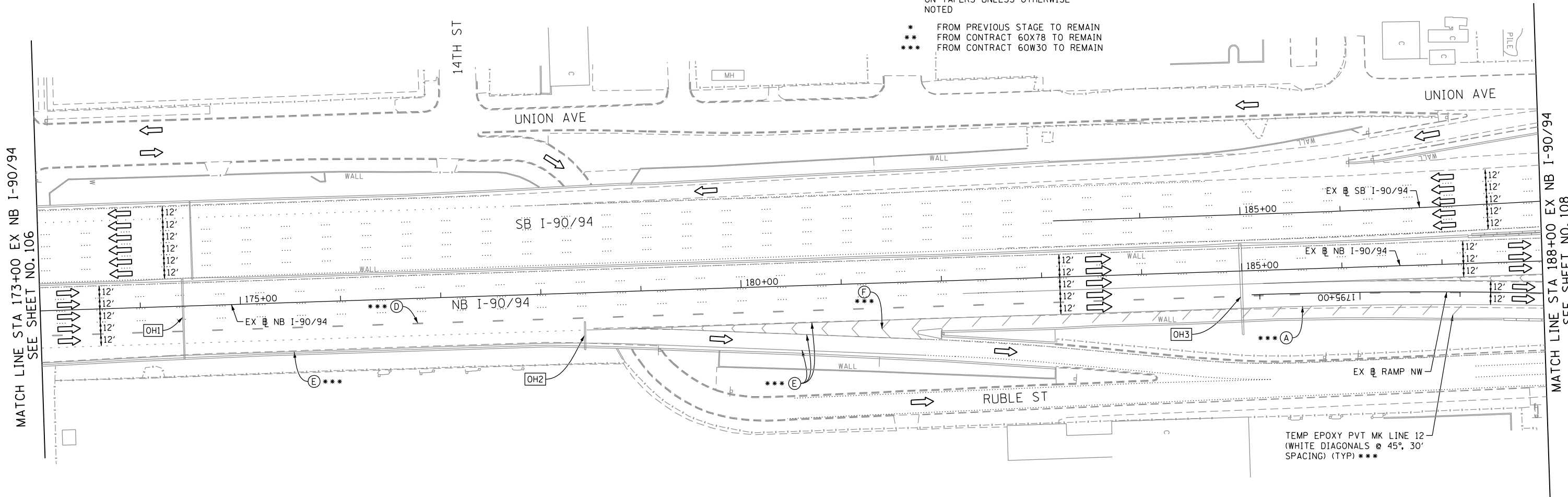
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

* FROM PREVIOUS STAGE TO REMAIN
 ** FROM CONTRACT 60X78 TO REMAIN
 *** FROM CONTRACT 60W30 TO REMAIN

LEGEND:

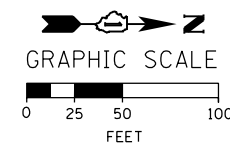
- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



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MATCH LINE STA 173+00 EX NB I-90/94
SEE SHEET NO. 106

MATCH LINE STA 188+00 EX NB I-90/94
SEE SHEET NO. 108



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN		
MAINLINE STAGING 1C		
SCALE: 1" = 50'	SHEET 8 OF 10 SHEETS	STA. 173+00 TO STA. 188+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	107
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

NOTES:

- ALL NB I-90/94 LANE CONFIGURATION AND SIGNING TO REMAIN FROM CONTRACT 60W30.
- FOR RUBLE ST CLOSURE COORDINATE WITH CONTRACT 60W30. SEE TAYLOR STREET STAGING PLAN AND DETOUR PLAN FOR SIGNING.
- COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. SEE TRAFFIC CONTROL GENERAL NOTES FOR DETAIL.

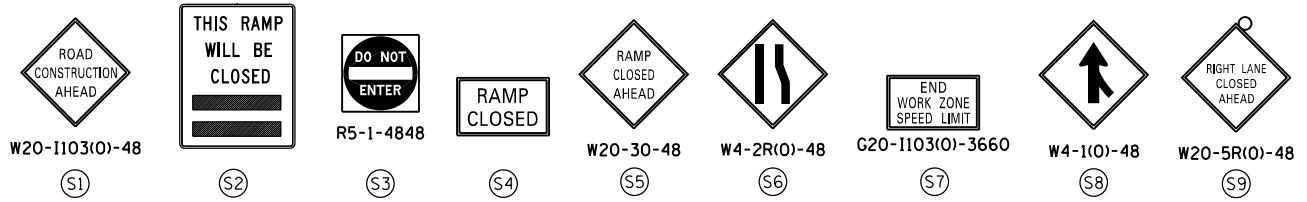
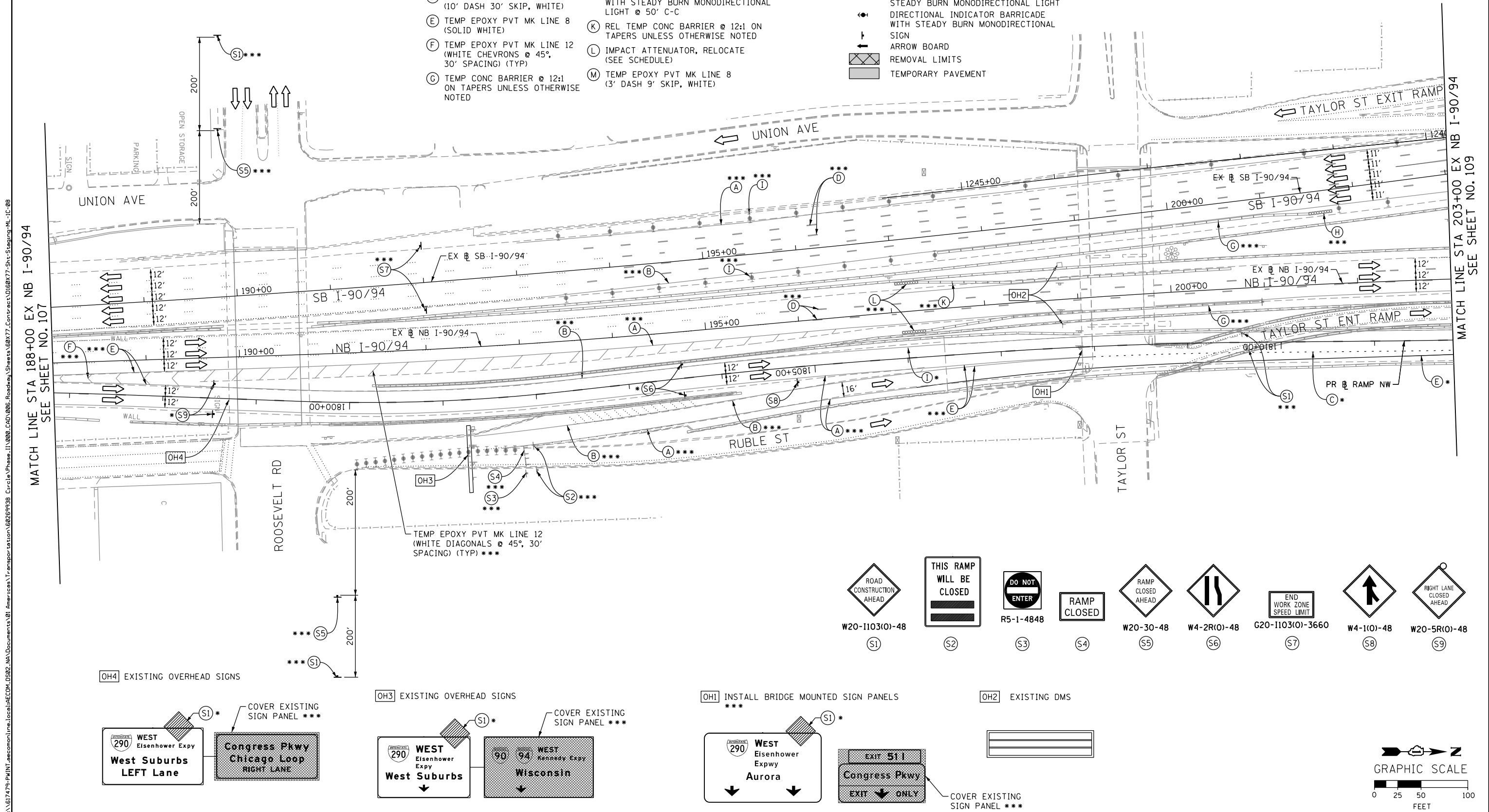
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

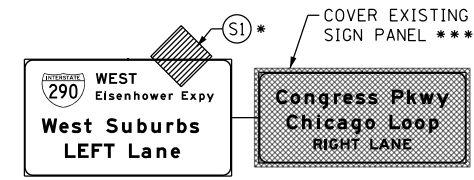
LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT

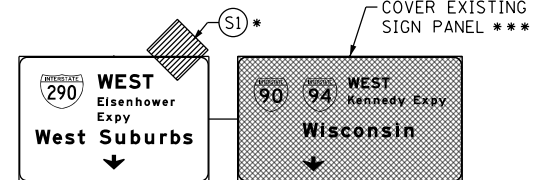
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- ** FROM CONTRACTS 60X78 TO REMAIN
- *** FROM CONTRACTS 60W30 TO REMAIN



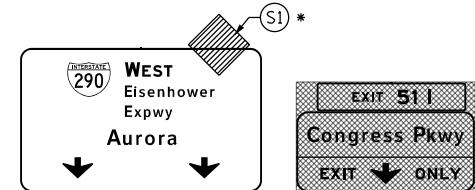
OH4 EXISTING OVERHEAD SIGNS



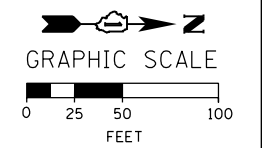
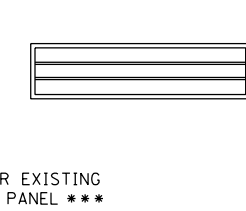
OH3 EXISTING OVERHEAD SIGNS



OH1 INSTALL BRIDGE MOUNTED SIGN PANELS ***



OH2 EXISTING DMS



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 PLOT DATE = 4/27/2016

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 DATE - 4/27/2016

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 1C**
 SCALE: 1" = 50' SHEET 9 OF 10 SHEETS STA. 188+00 TO STA. 203+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	108
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

PROPOSED TEMP 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 12 (WHITE CHEVRONS @ 45°, 30" SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

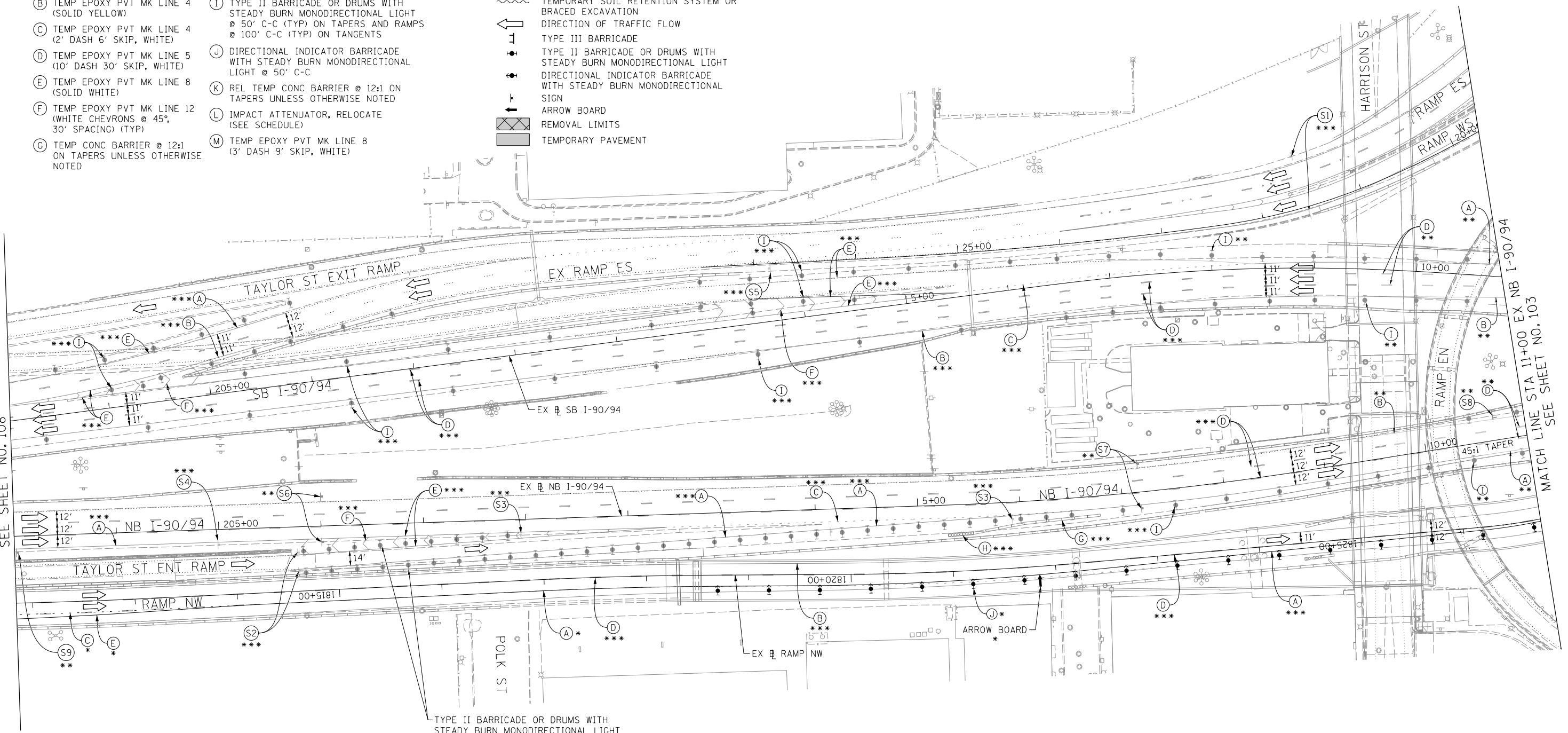
LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT

- * FROM PREVIOUS STAGE TO REMAIN
- ** FROM CONTRACT 60X78 TO REMAIN
- *** FROM CONTRACT 60W30 TO REMAIN

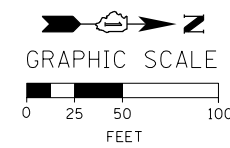
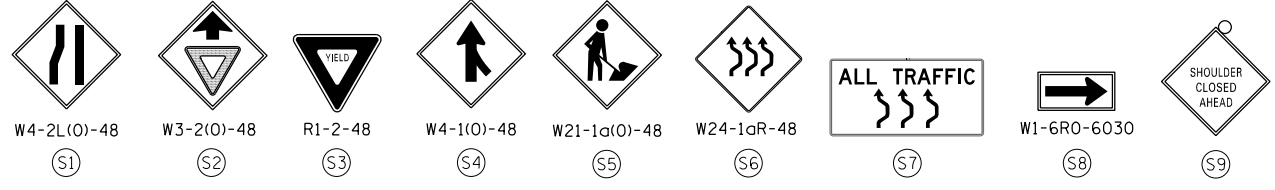
MATCH LINE STA 203+00 EX NB I-90/94 SEE SHEET NO. 108

MATCH LINE STA 11+00 EX NB I-90/94 SEE SHEET NO. 103



NOTES:

1. ALL TRAVEL LANES ON NB AND SB I-90/94 AND STAGING SIGNS SHALL BE MAINTAINED AS PER CONTRACTS 60W30 AND 60X78.
2. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. SEE TRAFFIC CONTROL GENERAL NOTES FOR DETAIL.
3. STATION AND OFFSETS SHALL BE FROM THE EXISTING I-90/94 SB AND NB BASELINES.



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CHECKED - MC	REVISED -
DATE - 3/14/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 1C**

SCALE: 1" = 50' SHEET 10 OF 10 SHEETS STA. 203+00 TO STA. 11+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	109
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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NOTES:

1. ALL TRAVEL LANES ON EB I-290, RAMP EN, AND RAMP ES SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X78 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.

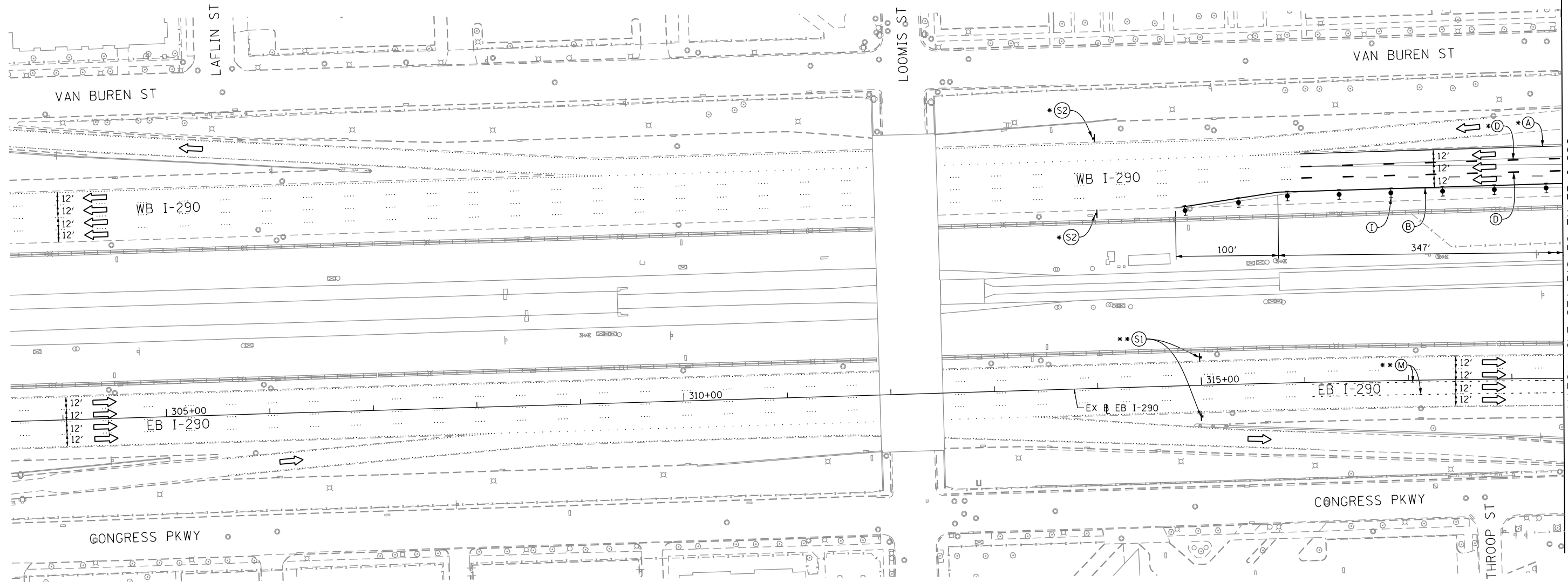
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 ** FROM CONTRACT 60X78 TO REMAIN

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

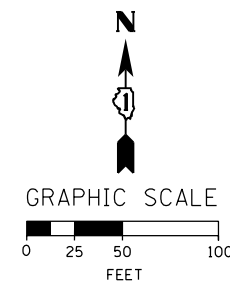
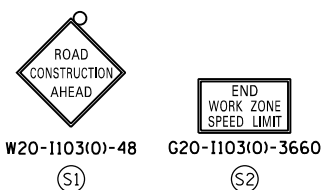
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
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- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



MATCH LINE STA 318+50 EX EB I-290 SEE SHEET NO. 111



D160X77-Sht-Staging-ML-2A-00
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 PLOT DATE = 4/27/2016

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 CHECKED - DBM
 DATE - 4/27/2016

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 2A**
 SCALE: 1" = 50' SHEET 1 OF 10 SHEETS STA. 303+50 TO STA. 318+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	110
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL LAYOUT INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	5250+87.24	5.0'	LT	P-IKE-WB
2	5250+65.00	7.0'	LT	P-IKE-WB
3	PT 5249+84.20	5.0'	LT	P-IKE-WB
4	PC 5247+00.72	3.7'	LT	P-IKE-WB

○ POINT LOCATION

NOTES:

- ALL TRAVEL LANES ON EB I-290, RAMP EN, AND RAMP ES SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X78 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.

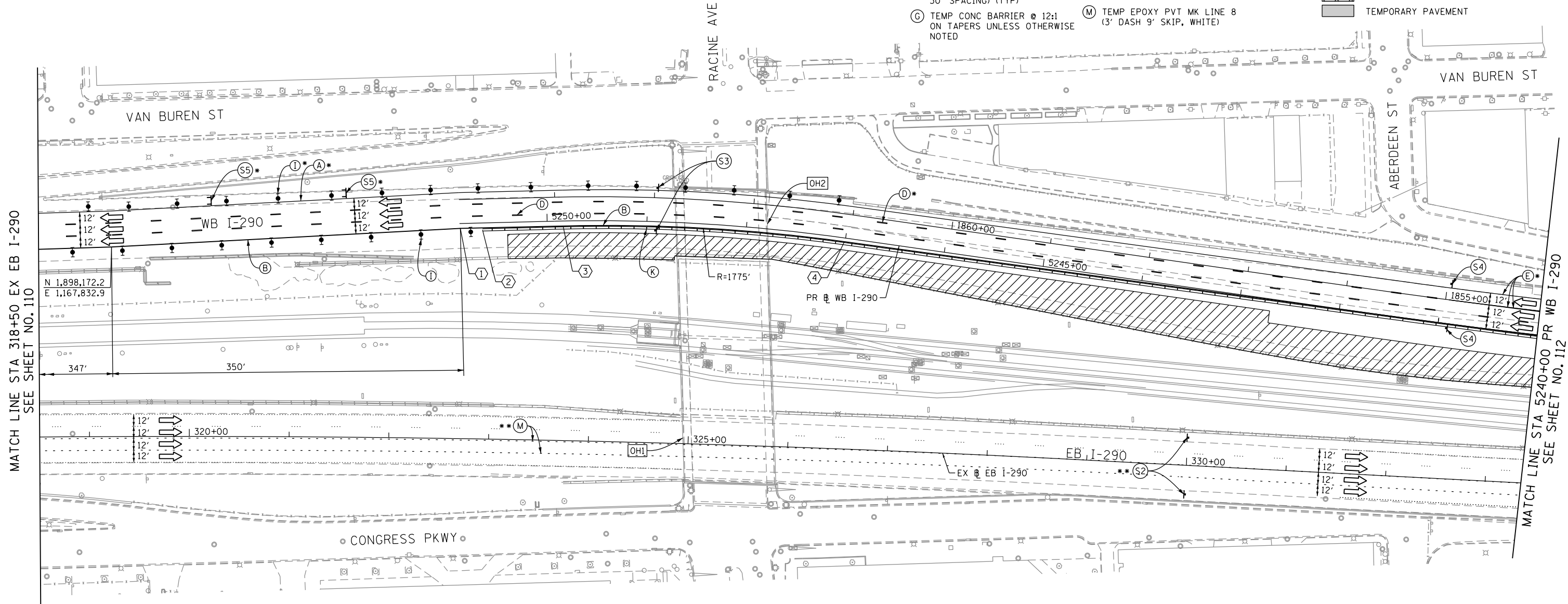
- * FROM PREVIOUS STAGE TO REMAIN
- ** FROM CONTRACT 60X78 TO REMAIN

PROPOSED TEMP 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)
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- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



MATCH LINE STA 318+50 EX EB I-290 SEE SHEET NO. 110

MATCH LINE STA 5240+00 PR WB I-290 SEE SHEET NO. 112

[OH1] EXISTING OVERHEAD SIGNS TO REMAIN

[OH2] EXISTING OVERHEAD SIGNS TO REMAIN

Congress Pkwy
Chicago Loop

WEST Kennedy Expy
Wisconsin

EAST Ryan Expy
Indiana

EXIT 28A
Damen Ave
3/4 MILE

EXIT 28B
Ashland Ave
1/4 MILE

ROAD CONSTRUCTION AHEAD (S1)

WORK ZONE SPEED LIMIT 45 PHOTO ENFORCED SXXX FINE MINIMUM (S2)

ALL TRAFFIC (S3)

W1-4L-48 (S4)

W1-6L0-6030 (S5)

GRAPHIC SCALE
0 25 50 100 FEET



D160X77-Sht-Staging-ML-2A-01	DESIGNED - PHP	REVISED -
USER NAME = potelp2	DRAWN - ZND	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - DBM	REVISED -
PLOT DATE = 4/27/2016	DATE - 4/27/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 2A
SCALE: 1" = 50' SHEET 2 OF 10 SHEETS STA. 5255+00 TO STA. 5240+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	111
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

NOTES:

- ALL TRAVEL LANES ON EB I-290, RAMP EN, AND RAMP ES SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X78 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.

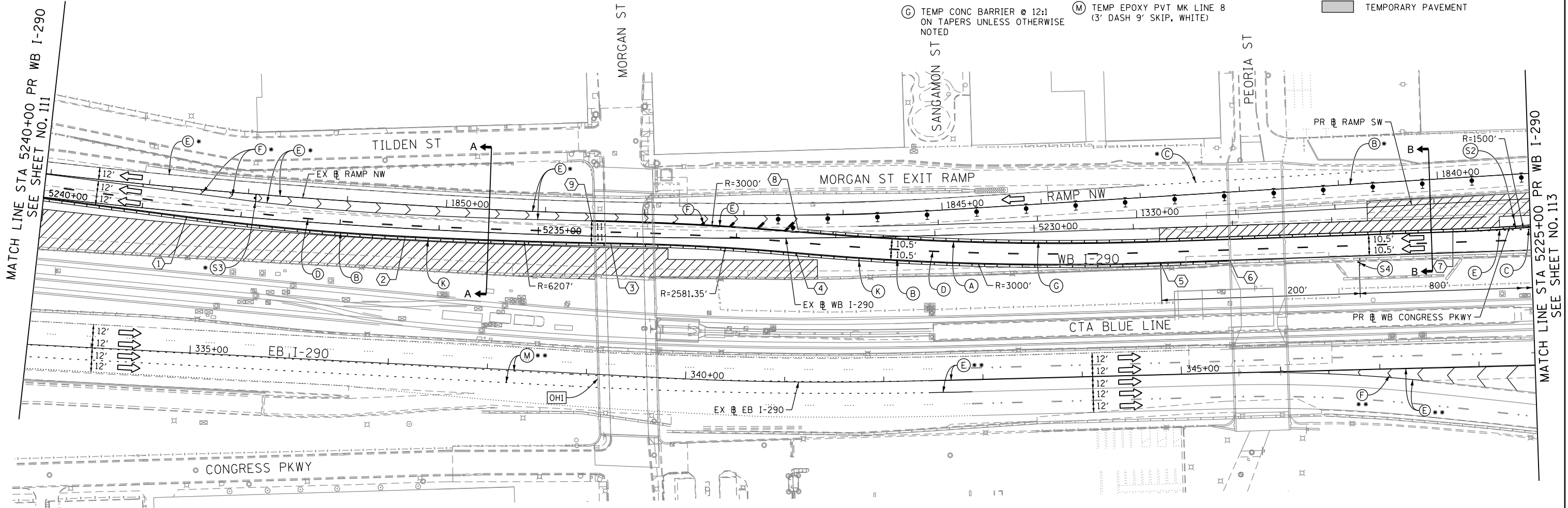
- * FROM PREVIOUS STAGE TO REMAIN
- ** FROM CONTRACT 60X78 TO REMAIN

PROPOSED TEMP 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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

LEGEND:

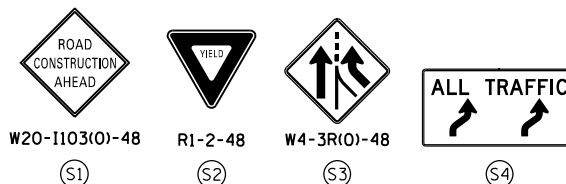
- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



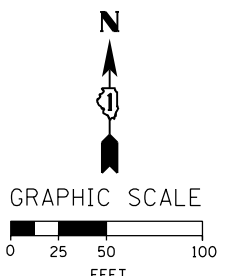
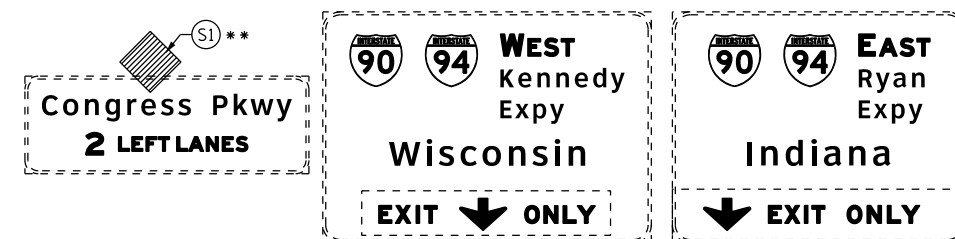
TRAFFIC CONTROL LAYOUT INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PT	5238+54.45	4.6'	LT	P-IKE-WB
2	PCC	5236+33.54	8.0'	LT	P-IKE-WB
3	PRC	5234+26.73	6.5'	LT	P-IKE-WB
4	PRC	5232+40.07	14.8'	LT	P-IKE-WB
5	PC	5228+73.83	35.0'	LT	P-IKE-WB
6		5228+02.93	37.0'	LT	P-IKE-WB
7		5225+78.20	12.5'	LT	P-IKE-WB
8		5232+37.87	8.1'	RT	P-IKE-WB
9	PT	5234+46.34	15.3'	RT	P-IKE-WB

POINT LOCATION



EXISTING OVERHEAD SIGNS TO REMAIN



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D160X77-Sht-Staging-ML-2A-02
 USER NAME = potelp2
 PLOT SCALE = 100.0000' / 1"
 PLOT DATE = 4/28/2016

DESIGNED - PHP
 DRAWN - ZND
 CHECKED - DBM
 DATE - 4/27/2016

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 2A**

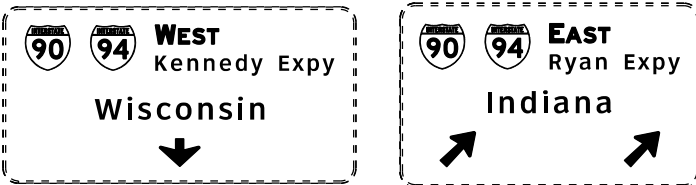
SCALE: 1" = 50' SHEET 3 OF 10 SHEETS STA. 5255+00 TO STA. 5240+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	112
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

PROPOSED TEMP 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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

OH2 EXISTING OVERHEAD SIGNS TO REMAIN

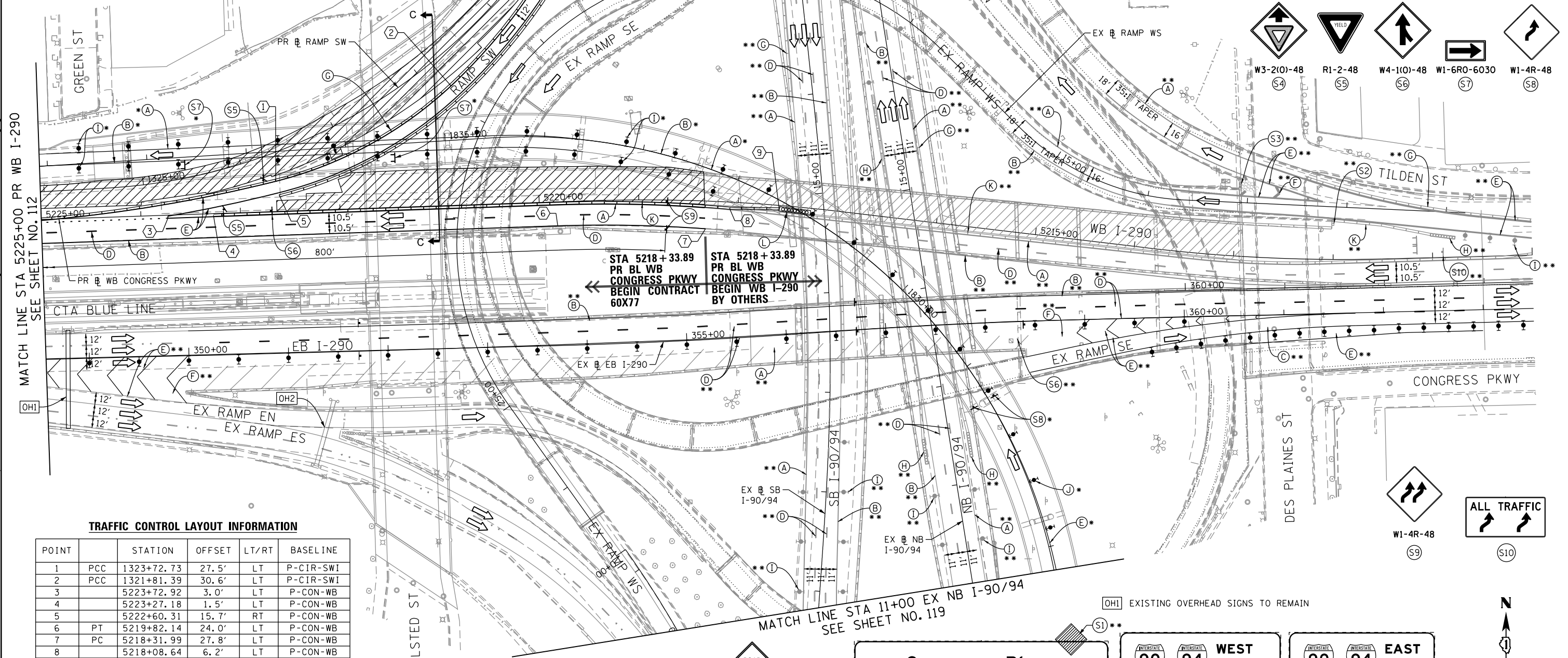
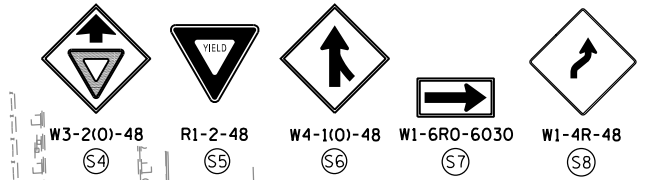
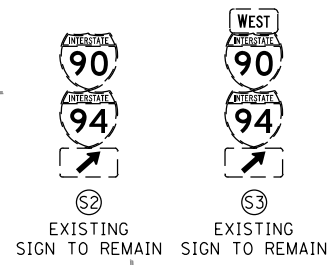


NOTES:

- FOR NB AND SB I-90/94 STAGING DETAIL SEE CONTRACT 60X78 STAGING PLANS.
- STAGING EAST OF STA 5218+33.89 ON WB I-290 IS SHOWN FOR INFORMATION ONLY. CONTRACTOR COORDINATION AND COOPERATION NEEDED WITH ADJACENT CONTRACT 60X78.

LEGEND:

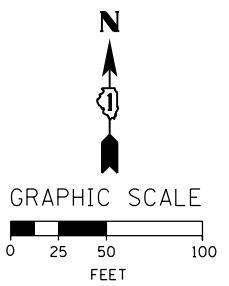
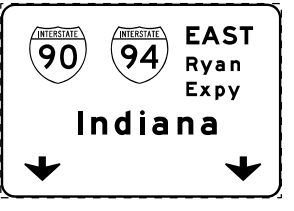
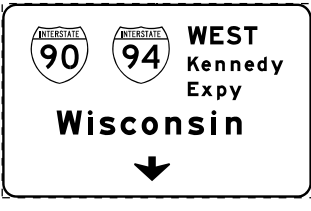
- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT
- * FROM PREVIOUS STAGE TO REMAIN
- ** FROM CONTRACT 60X78 TO REMAIN



TRAFFIC CONTROL LAYOUT INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PCC	1323+72.73	27.5'	LT	P-CIR-SWI
2	PCC	1321+81.39	30.6'	LT	P-CIR-SWI
3		5223+72.92	3.0'	LT	P-CON-WB
4		5223+27.18	1.5'	LT	P-CON-WB
5		5222+60.31	15.7'	RT	P-CON-WB
6	PT	5219+82.14	24.0'	LT	P-CON-WB
7	PC	5218+31.99	27.8'	LT	P-CON-WB
8		5218+08.64	6.2'	LT	P-CON-WB
9		5217+58.57	3.5'	LT	P-CON-WB

POINT LOCATION



OH1 EXISTING OVERHEAD SIGNS TO REMAIN

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 PLOT DATE = 4/27/2016

DESIGNED - PHP	REVISED -
DRAWN - ZND	REVISED -
CHECKED - DBM	REVISED -
DATE - 4/27/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 2A
 SCALE: 1" = 50' SHEET 4 OF 10 SHEETS STA. 5225+00 TO STA. 5210+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	113
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

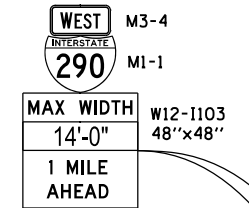
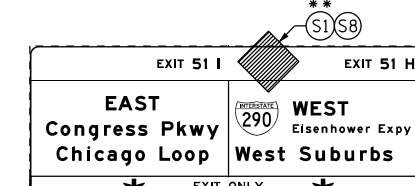
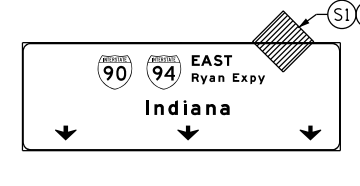
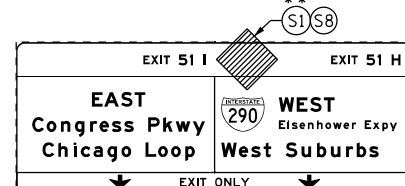
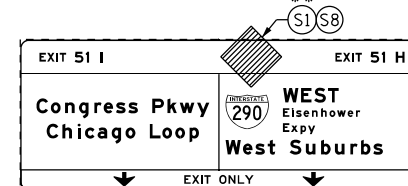
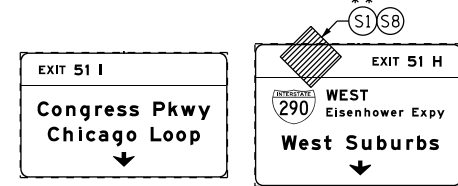
[OH1] EXISTING OVERHEAD SIGNS TO REMAIN

[OH2] EXISTING OVERHEAD SIGNS TO REMAIN

[OH3] EXISTING OVERHEAD SIGNS TO REMAIN

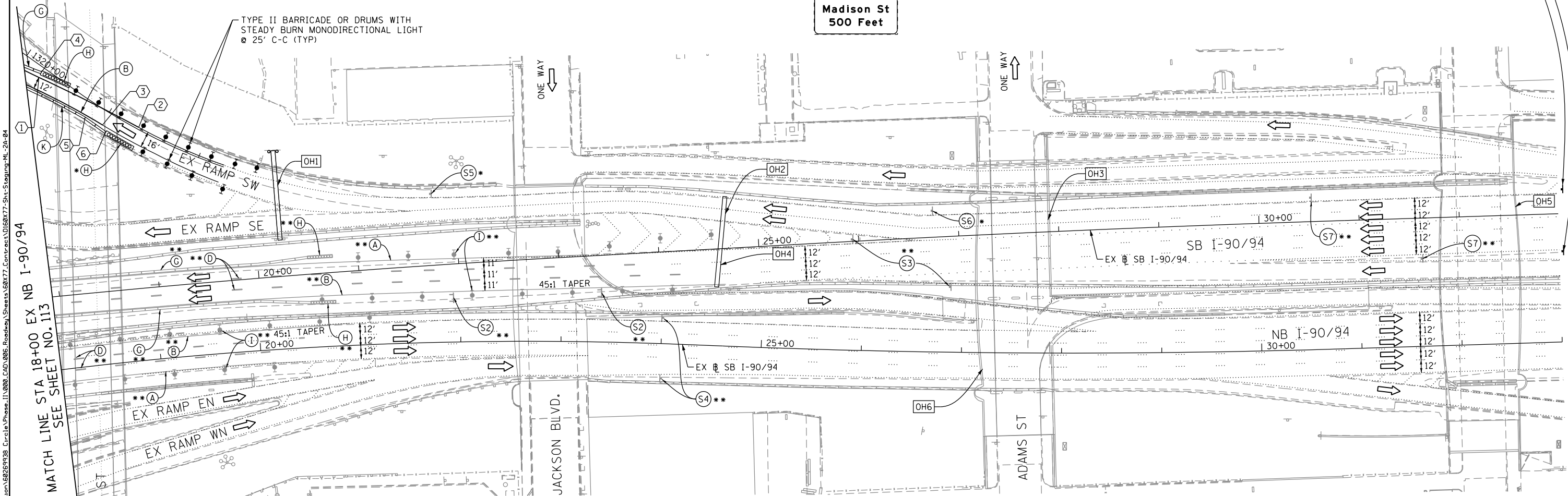
[OH4] EXISTING OVERHEAD SIGN

[OH5] EXISTING OVERHEAD SIGN TO REMAIN



INSTALL SIGN ASSEMBLY 1 MILE NORTH OF STA 19+00 SB I-90/94

[OH6] EXISTING OVERHEAD SIGN



MATCH LINE STA 18+00 EX NB I-90/94 SEE SHEET NO. 113

PROPOSED TEMP 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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

NOTES:

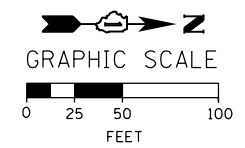
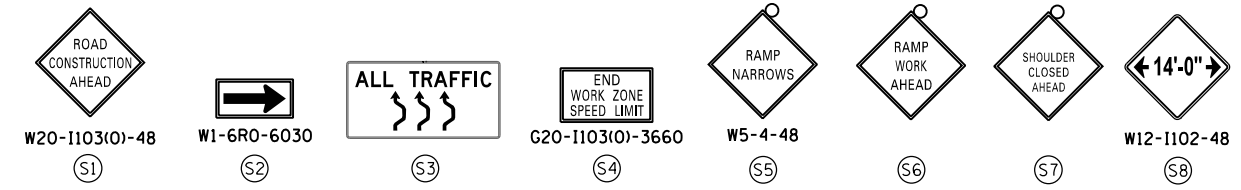
- ALL TRAVEL LANES ON SB AND NB I-90/94 SHALL BE MAINTAINED AS PER CONTRACTS 60W30 AND 60X78.
 - ALL PAVEMENT MARKING AND SIGNINGS ON SB I-90/94, EXIT RAMP SW AND SE SHALL BE COORDINATED ON FIELD WITH CONTRACTS 60W30 AND 60X78 AND AS PER FIELD ENGINEER.
 - COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. SEE TRAFFIC CONTROL GENERAL NOTES FOR DETAIL.
- * FROM PREVIOUS STAGE TO REMAIN
** FROM CONTRACT 60X78 TO REMAIN

- LEGEND:**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
 - ARROW BOARD
 - REMOVAL LIMITS
 - TEMPORARY PAVEMENT

TRAFFIC CONTROL LAYOUT INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PCC	1319+77.55	10.5'	LT	P-CIR-SWI
2	PRC	1318+67.03	2.0'	RT	P-CIR-SWI
3	PRC	1318+99.13	14.0'	LT	P-CIR-SWI
4		1319+78.49	5.4'	LT	P-CIR-SWI
5		1319+17.10	17.5'	LT	P-CIR-SWI
6		1318+92.88	18.9'	LT	P-CIR-SWI

POINT LOCATION



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DESIGNED - PHP	REVISED -
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DATE - 4/27/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

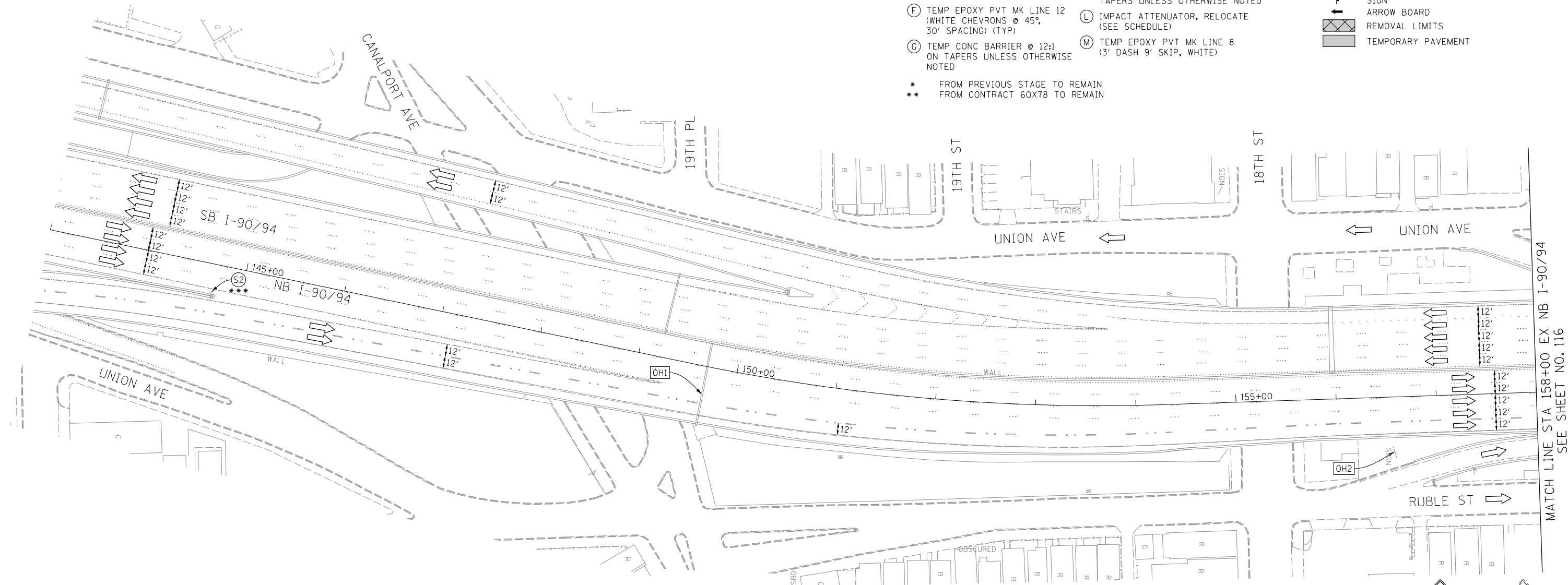
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 2A
SCALE: 1" = 50' SHEET 5 OF 10 SHEETS STA. 18+00 TO STA. 33+00

F.A.I. RTE. 90/94/290	SECTION 2014-003R&B	COUNTY COOK	TOTAL SHEETS 431	SHEET NO. 114
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

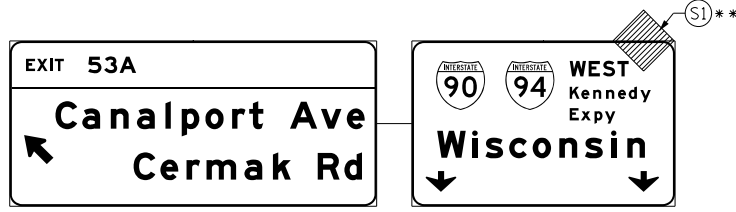
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
 - (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
 - (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
 - (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
 - (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
 - (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- * FROM PREVIOUS STAGE TO REMAIN
 ** FROM CONTRACT 60X78 TO REMAIN

- LEGEND:**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
 - ARROW BOARD
 - REMOVAL LIMITS
 - TEMPORARY PAVEMENT



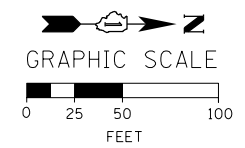
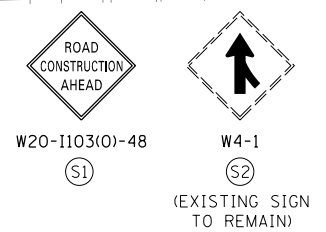
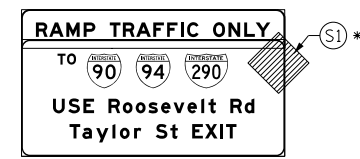
EXISTING OVERHEAD SIGN LOCATED APPROX AT STA 130+00
 EX I-90/94 OVER I-55 TO NB I-90/94 RAMP



OH1 EXISTING OVERHEAD SIGNS



OH2 UNCOVER EXISTING GROUND MOUNTED SIGN



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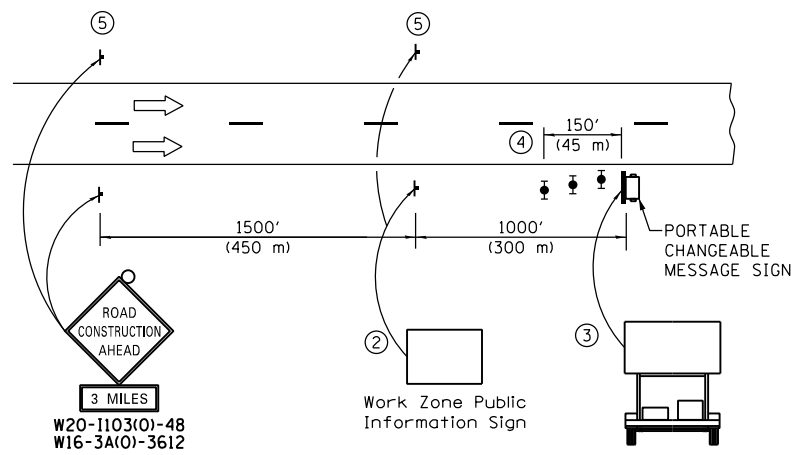
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 2A**

SCALE: 1" = 50' SHEET 6 OF 10 SHEETS STA. 143+00 TO STA. 158+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	115
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

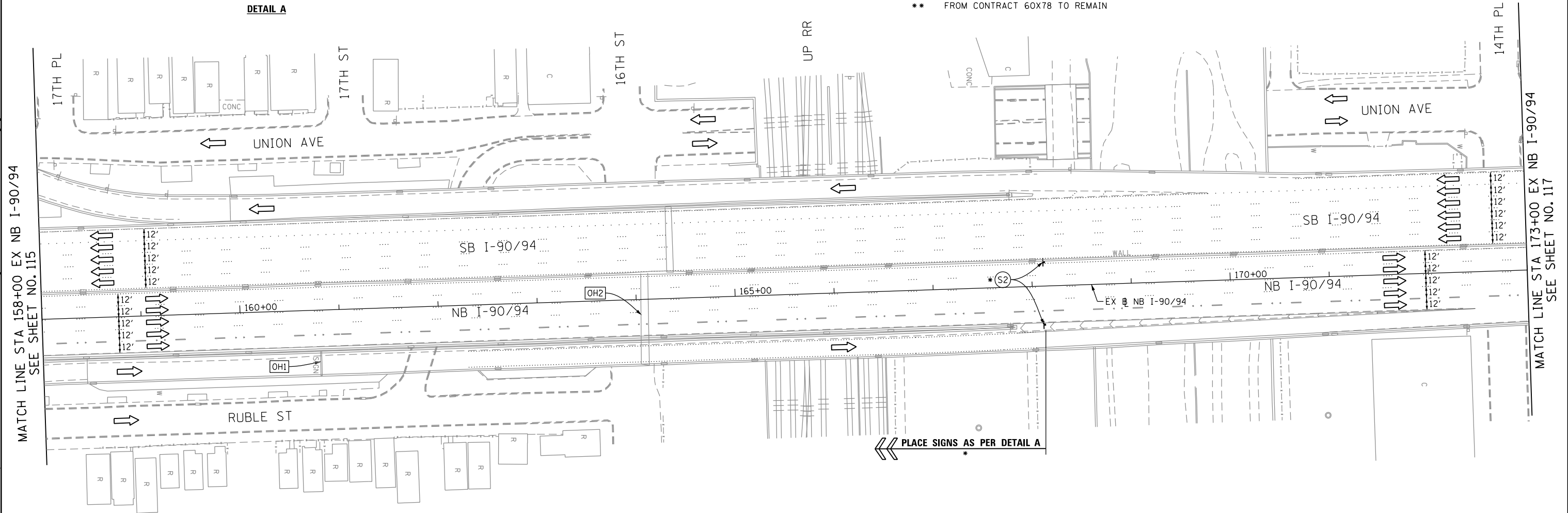


DETAIL A

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILE 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 50' (15 m) CENTERS.
- ⑤ THIS SIGN SHALL BE OMITTED WHEN MEDIAN WIDTH IS LESS THAN 10' (3 m).

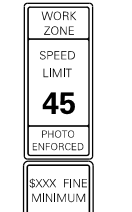
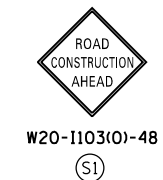
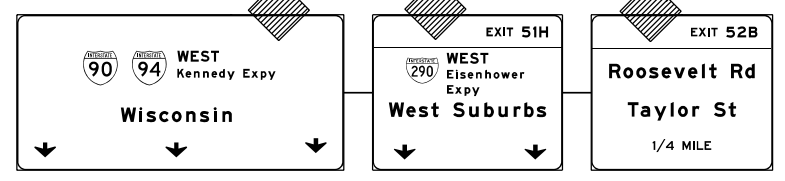
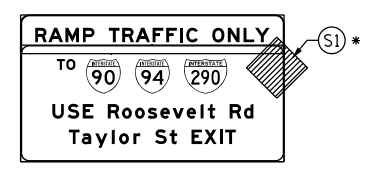
- PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
 - (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
 - (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
 - (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
 - (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
 - (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
 - (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
 - (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP
 - (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
 - (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
 - (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- * FROM PREVIOUS STAGE TO REMAIN
 ** FROM CONTRACT 60X78 TO REMAIN

- LEGEND:**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
 - ARROW BOARD
 - REMOVAL LIMITS
 - TEMPORARY PAVEMENT

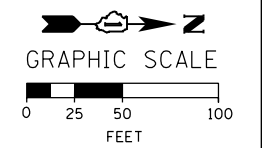


[OH1] EXISTING OVERHEAD SIGN

[OH2] EXISTING OVERHEAD SIGNS



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



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<p>303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE: (312) 373-1700 FAX: (312) 373-6800</p>	D160X77-Sht-Staging-ML-2A-06	DESIGNED - OPS	REVISED -
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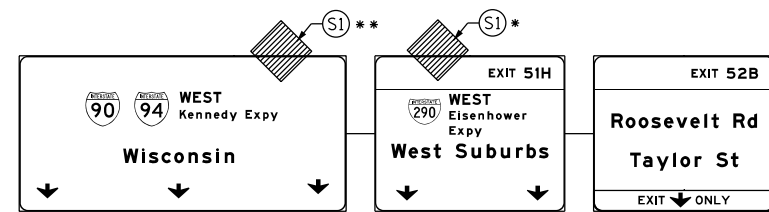
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 2A**

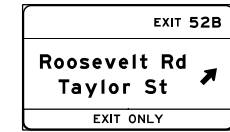
SCALE: 1" = 50' SHEET 7 OF 10 SHEETS STA. 158+00 TO STA. 173+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	116
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

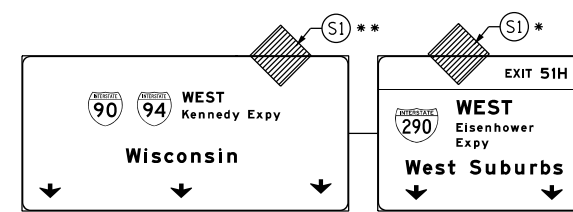
[OH1] EXISTING OVERHEAD SIGNS



[OH2] EXISTING OVERHEAD SIGN



[OH3] EXISTING OVERHEAD SIGNS TO REMAIN



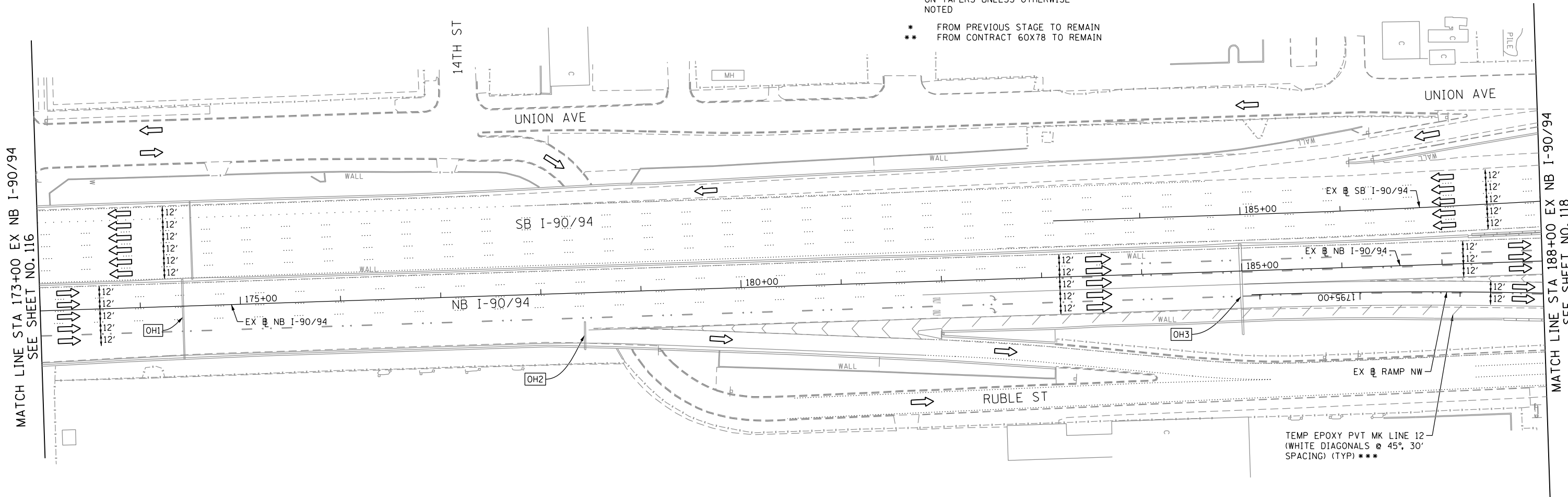
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
(G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
(H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
(I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
(J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
(K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
(L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
(M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

LEGEND:

- WORK ZONE
TEMPORARY CONCRETE BARRIER
TEMPORARY IMPACT ATTENUATOR
TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
DIRECTION OF TRAFFIC FLOW
TYPE III BARRICADE
TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
ARROW BOARD
REMOVAL LIMITS
TEMPORARY PAVEMENT

* FROM PREVIOUS STAGE TO REMAIN
** FROM CONTRACT 60X78 TO REMAIN

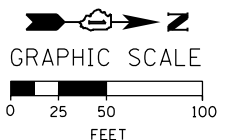


NOTES:

- 1. ALL TRAVEL LANES AND SIGNAGE ON NB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X78 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.
2. ALL SIGNS FOR LANE DROP ON RAMP NW NEED TO BE COORDINATED WITH CONTRACT 60X78.
3. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. SEE TRAFFIC CONTROL NOTES FOR DETAIL.



W20-1103(O)-48 (S1)



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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN MAINLINE STAGING 2A

SCALE: 1" = 50' SHEET 8 OF 10 SHEETS STA. 173+00 TO STA. 188+00

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 90/94/290, 2014-003R&B, COOK, 431, 117. Includes CONTRACT NO. 60X77 and ILLINOIS FED. AID PROJECT.

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NOTES:

- ALL TRAVEL LANES AND SIGNAGE ON NB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X78 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.
- COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. SEE TRAFFIC CONTROL NOTES FOR DETAIL.

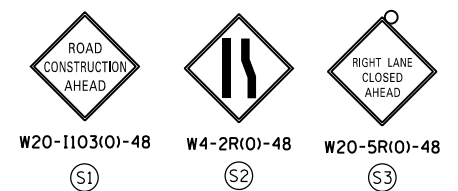
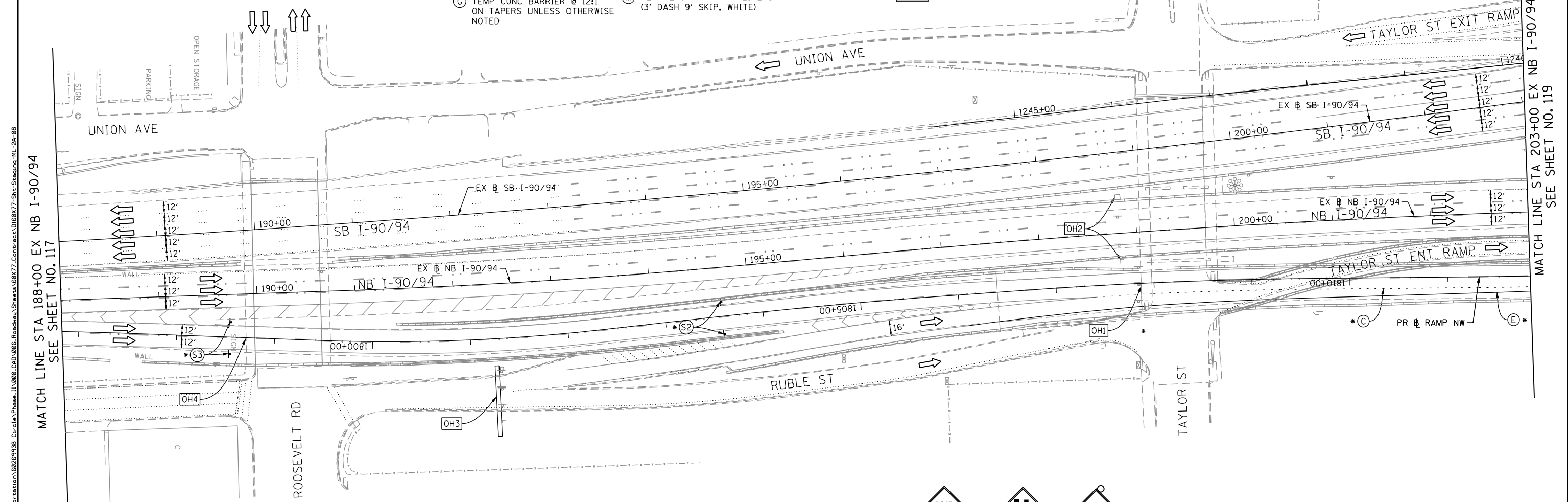
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- | | |
|---|---|
| (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE) | (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE) |
| (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW) | (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS |
| (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE) | (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C |
| (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE) | (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED |
| (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE) | (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE) |
| (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP) | (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE) |
| (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED | |

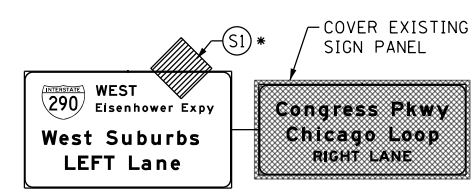
LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT

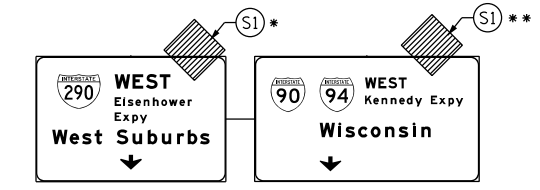
- * FROM PREVIOUS STAGE TO REMAIN
- ** FROM CONTRACTS 60X78 TO REMAIN



OH4 EXISTING OVERHEAD SIGNS



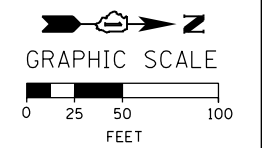
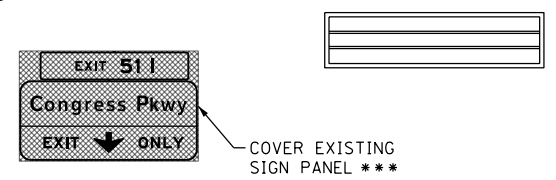
OH3 EXISTING OVERHEAD SIGNS



OH1 INSTALL BRIDGE MOUNTED SIGN PANELS ***



OH2 EXISTING DMS



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 2A**
SCALE: 1" = 50' SHEET 9 OF 10 SHEETS STA. 188+00 TO STA. 203+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	118
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

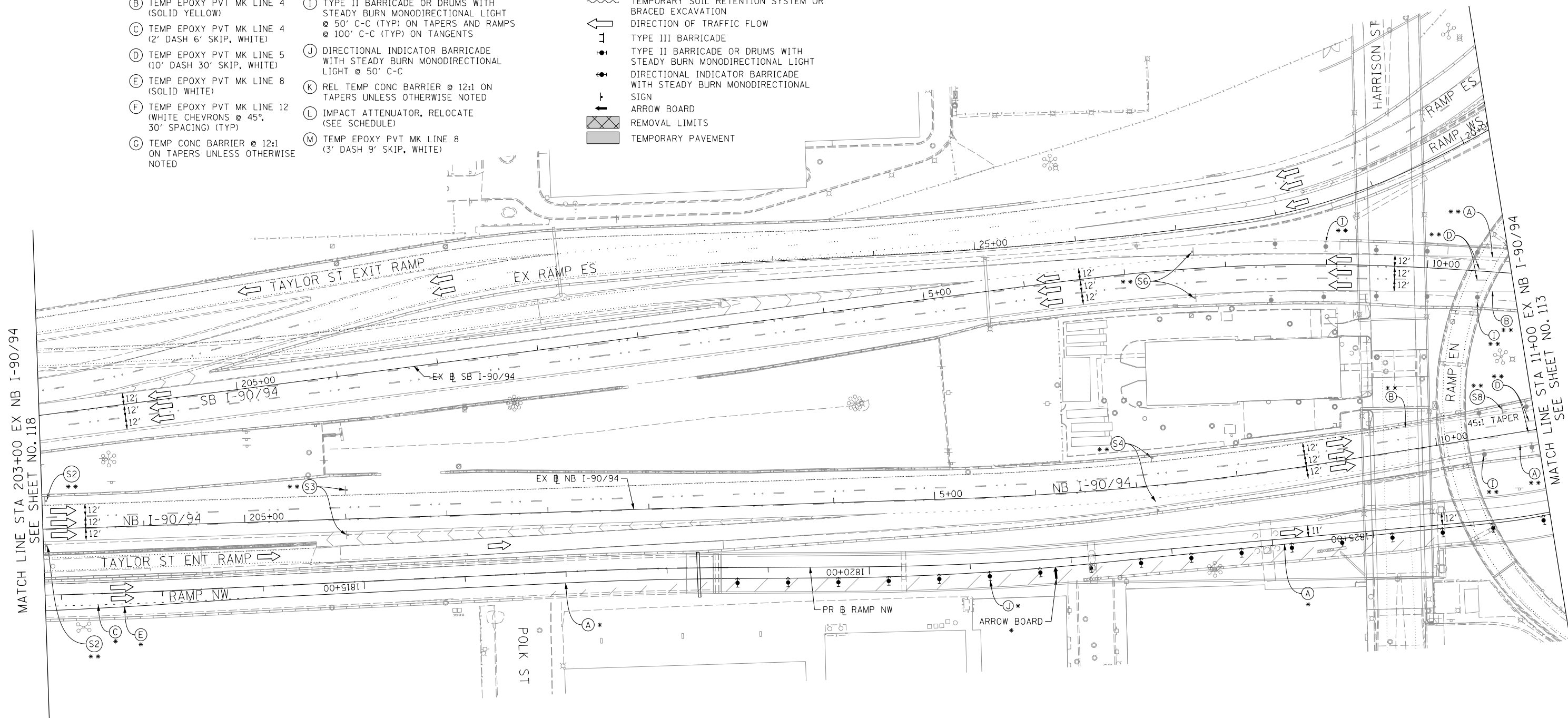
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT

- * FROM PREVIOUS STAGE TO REMAIN
- ** FROM CONTRACT 60X78 TO REMAIN

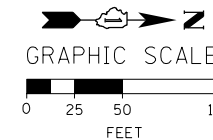
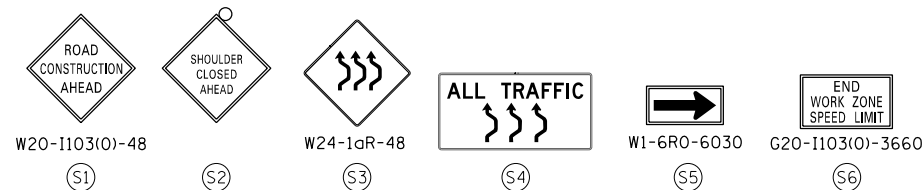


MATCH LINE STA 203+00 EX NB I-90/94
SEE SHEET NO. 118

MATCH LINE STA 11+00 EX NB I-90/94
SEE SHEET NO. 113

NOTES:

1. ALL NB AND SB I-90/94 LANE CONFIGURATION TO BE MAINTAINED AS PER CONTRACTS 60X78. COORDINATE ANY SIGNS REQUIRED ALONG NB I-90/94 AND RAMP NW WITH CONTRACT 60X78.
2. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. SEE TRAFFIC CONTROL GENERAL NOTES FOR DETAIL.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 2A**

SCALE: 1" = 50' SHEET 10 OF 10 SHEETS STA. 203+00 TO STA. 11+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	119
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

NOTES:

1. ALL TRAVEL LANES ON EB I-290, RAMP EN, AND RAMP ES SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X78 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.

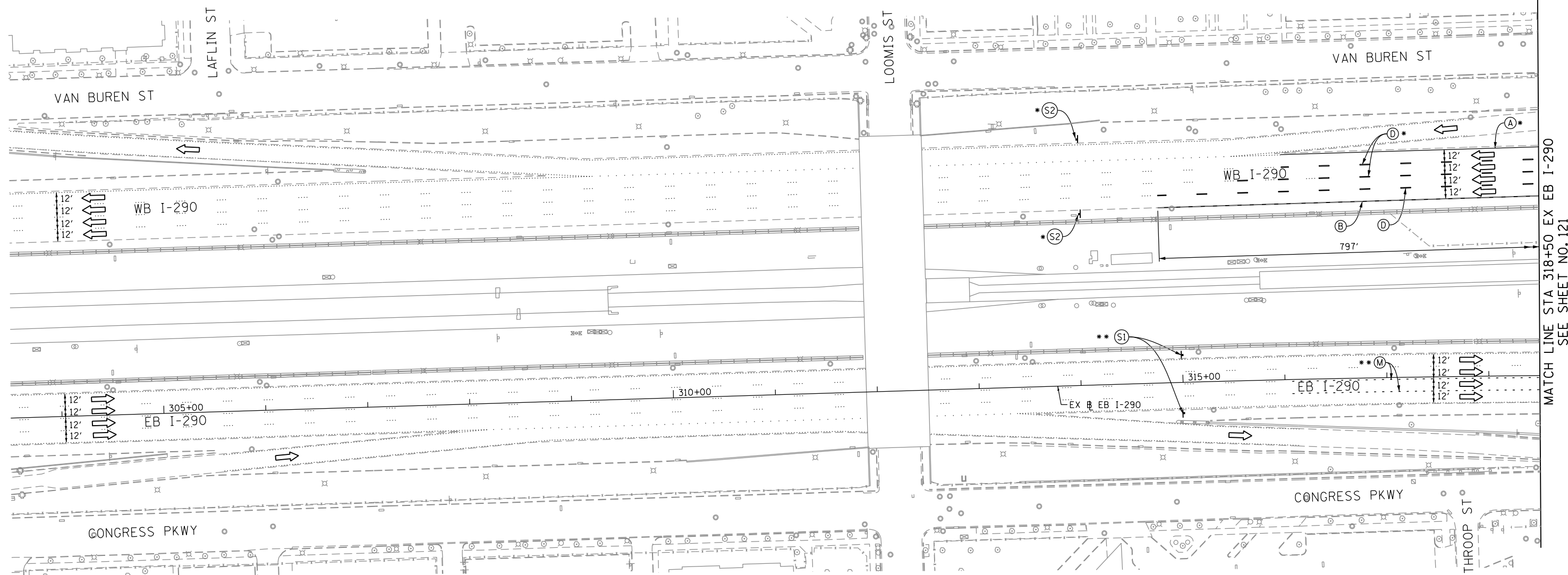
* FROM PREVIOUS STAGE TO REMAIN
 ** FROM CONTRACT 60X78 TO REMAIN

PROPOSED TEMP 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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



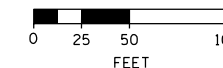
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 (S1)



G20-1103(O)-3660
 (S2)



GRAPHIC SCALE



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 DRAWN - ZND
 CHECKED - DBM
 DATE - 4/27/2016

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

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 2B**

SCALE: 1" = 50' SHEET 1 OF 10 SHEETS STA. 303+50 TO STA. 318+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	120
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL LAYOUT INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	5250+60.00	11.0'	RT	P-IKE-WB
2	PT 5249+92.52	26.0'	LT	P-IKE-WB
3	PC 5246+97.21	26.0'	LT	P-IKE-WB
4	5247+60.12	11.0'	RT	P-IKE-WB
5	5247+10.67	15.3'	RT	P-IKE-WB
6	5247+31.68	10.0'	RT	P-IKE-WB
7	PT 5241+63.93	26.0'	LT	P-IKE-WB
8	5241+67.71	20.6'	RT	P-IKE-WB
9	5241+67.48	8.6'	RT	P-IKE-WB
10	5247+31.68	2.0'	LT	P-IKE-WB

POINT LOCATION

NOTES:

1. ALL TRAVEL LANES ON EB I-290, RAMP EN, AND RAMP ES SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X78 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.

* FROM PREVIOUS STAGE TO REMAIN
** FROM CONTRACT 60X78 TO REMAIN

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

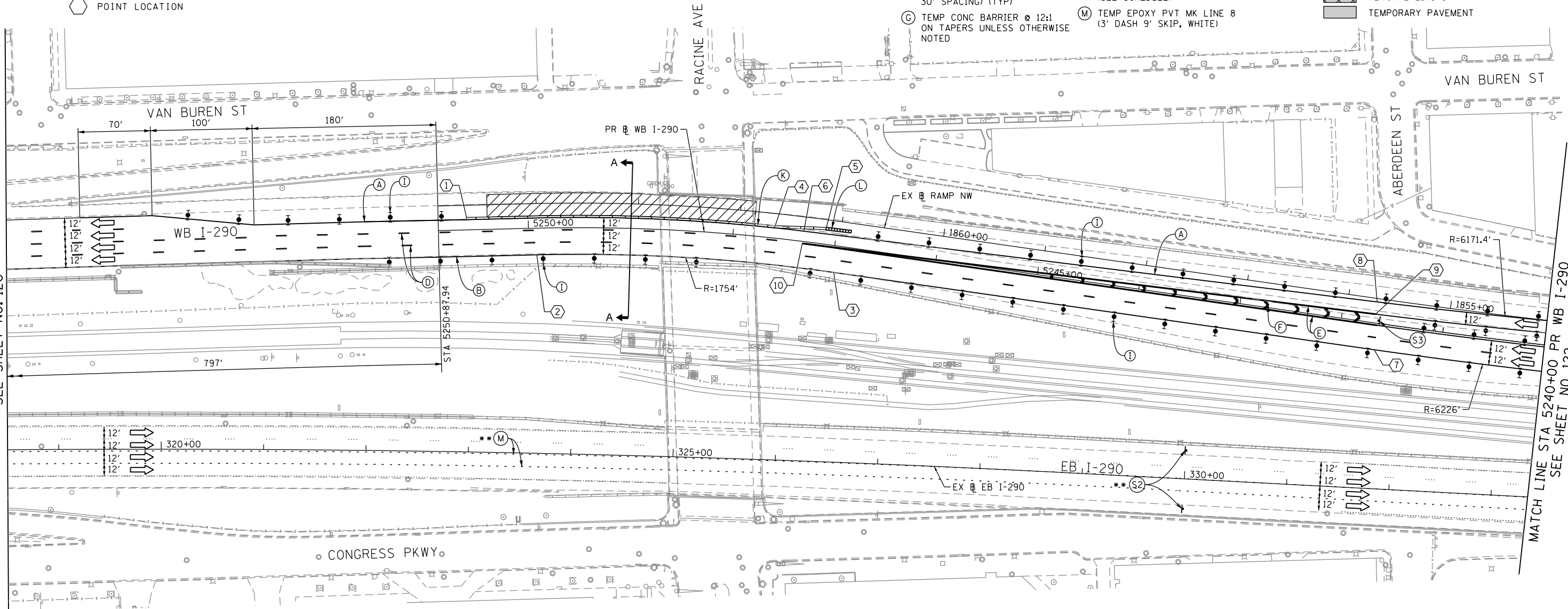
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT

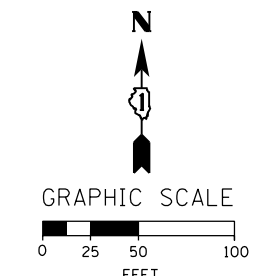
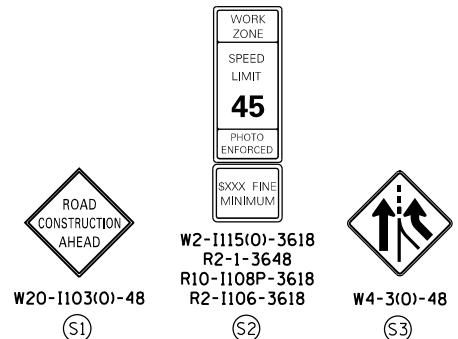
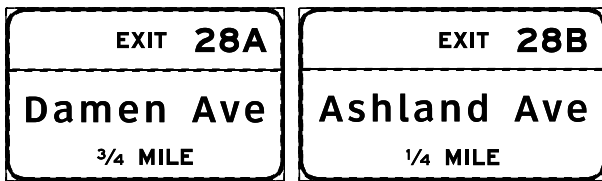
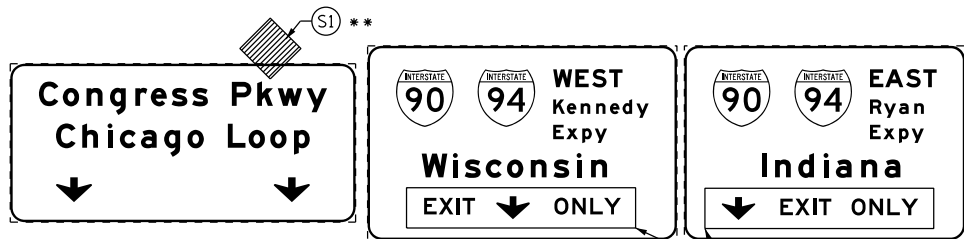
MATCH LINE STA 318+50 EX EB I-290 SEE SHEET NO. 120

MATCH LINE STA 5240+00 PR WB I-290 SEE SHEET NO. 122



[OH1] EXISTING OVERHEAD SIGNS TO REMAIN

[OH2] EXISTING OVERHEAD SIGNS TO REMAIN



D160X77-Sht-Staging-ML-2B-01
USER NAME = postlp2
PLOT SCALE = 100.0000' / in.
PLOT DATE = 4/27/2016

DESIGNED - PHP
DRAWN - ZND
CHECKED - DBM
DATE - 4/27/2016

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 2B

SCALE: 1" = 50' SHEET 2 OF 10 SHEETS STA. 5255+00 TO STA. 5240+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	121
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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NOTES:

- ALL TRAVEL LANES ON EB I-290, RAMP EN, AND RAMP ES SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X78 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.

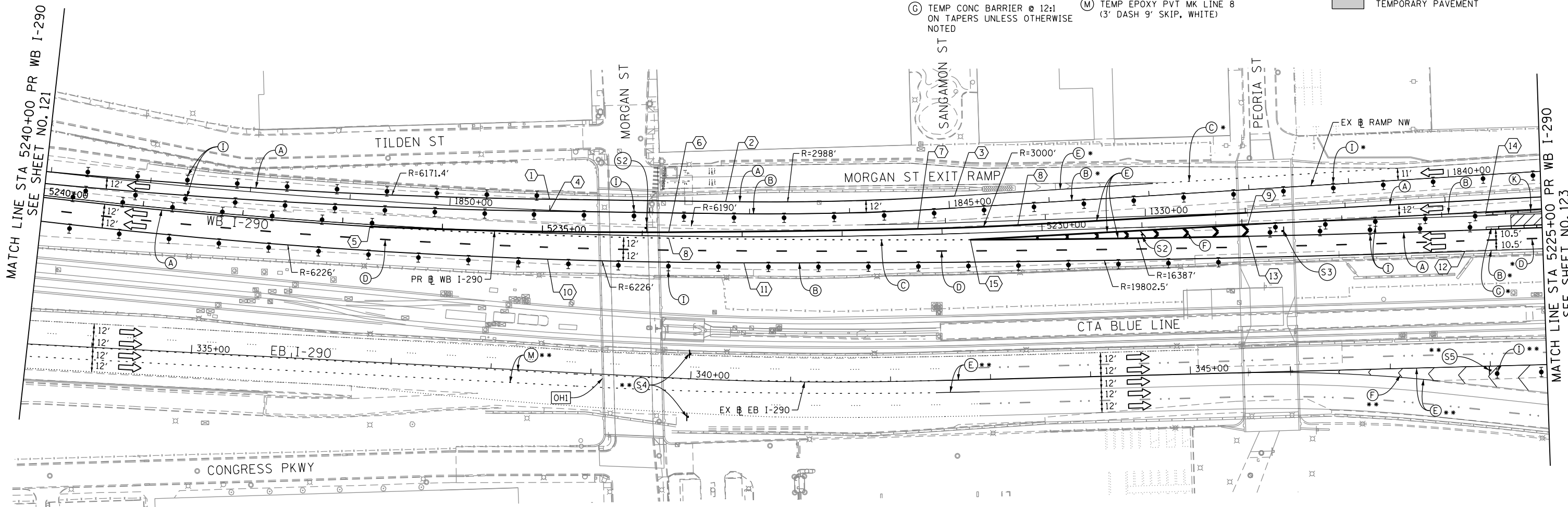
- * FROM PREVIOUS STAGE TO REMAIN
- ** FROM CONTRACT 60X78 TO REMAIN

PROPOSED TEMP 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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

LEGEND:

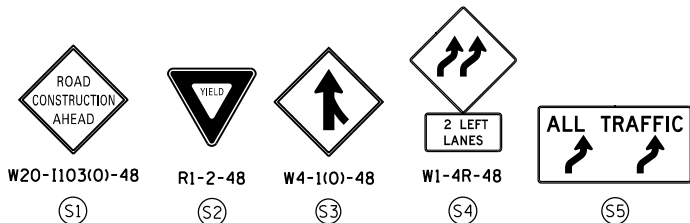
- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



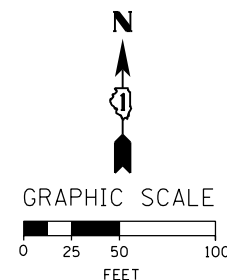
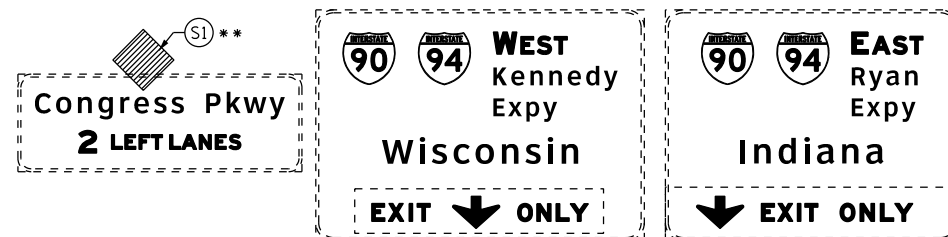
TRAFFIC CONTROL LAYOUT INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PC	1849+00.48	11.0'	RT	P-CIR-NW
2	PT	1847+23.97	12.0'	RT	P-CIR-NW
3	PC	1844+94.14	12.0'	RT	P-CIR-NW
4		1849+00.17	1.0'	LT	P-CIR-NW
5		5236+72.47	2.0'	LT	P-IKE-WB
6	PCC	5233+73.46	4.0'	RT	P-IKE-WB
7	PT	5231+24.24	5.8'	RT	P-IKE-WB
8		5233+73.46	2.0'	LT	P-IKE-WB
9		5227+94.10	1.0'	LT	P-IKE-WB
10	PCC	5234+93.76	26.0'	LT	P-IKE-WB
11	PCC	5232+98.23	26.0'	LT	P-IKE-WB
12	PC	5225+78.20	35.0'	LT	P-IKE-WB
13		5227+93.87	12.6'	LT	P-IKE-WB
14		5225+56.08	1.8'	RT	P-IKE-WB
15		5230+71.89	6.6'	LT	P-IKE-WB

POINT LOCATION



EXISTING OVERHEAD SIGNS TO REMAIN



D160777-Sht-Staging-ML-2B-02
 USER NAME = pestelp2
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 4/27/2016

DESIGNED - PHP
 DRAWN - ZND
 CHECKED - DBM
 DATE - 4/27/2016

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 2B**

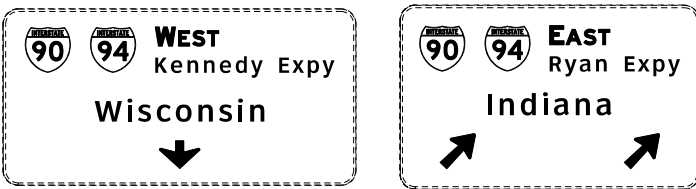
SCALE: 1" = 50' SHEET 3 OF 10 SHEETS STA. 5255+00 TO STA. 5240+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	122
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

PROPOSED TEMP 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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

OH2 EXISTING OVERHEAD SIGNS TO REMAIN

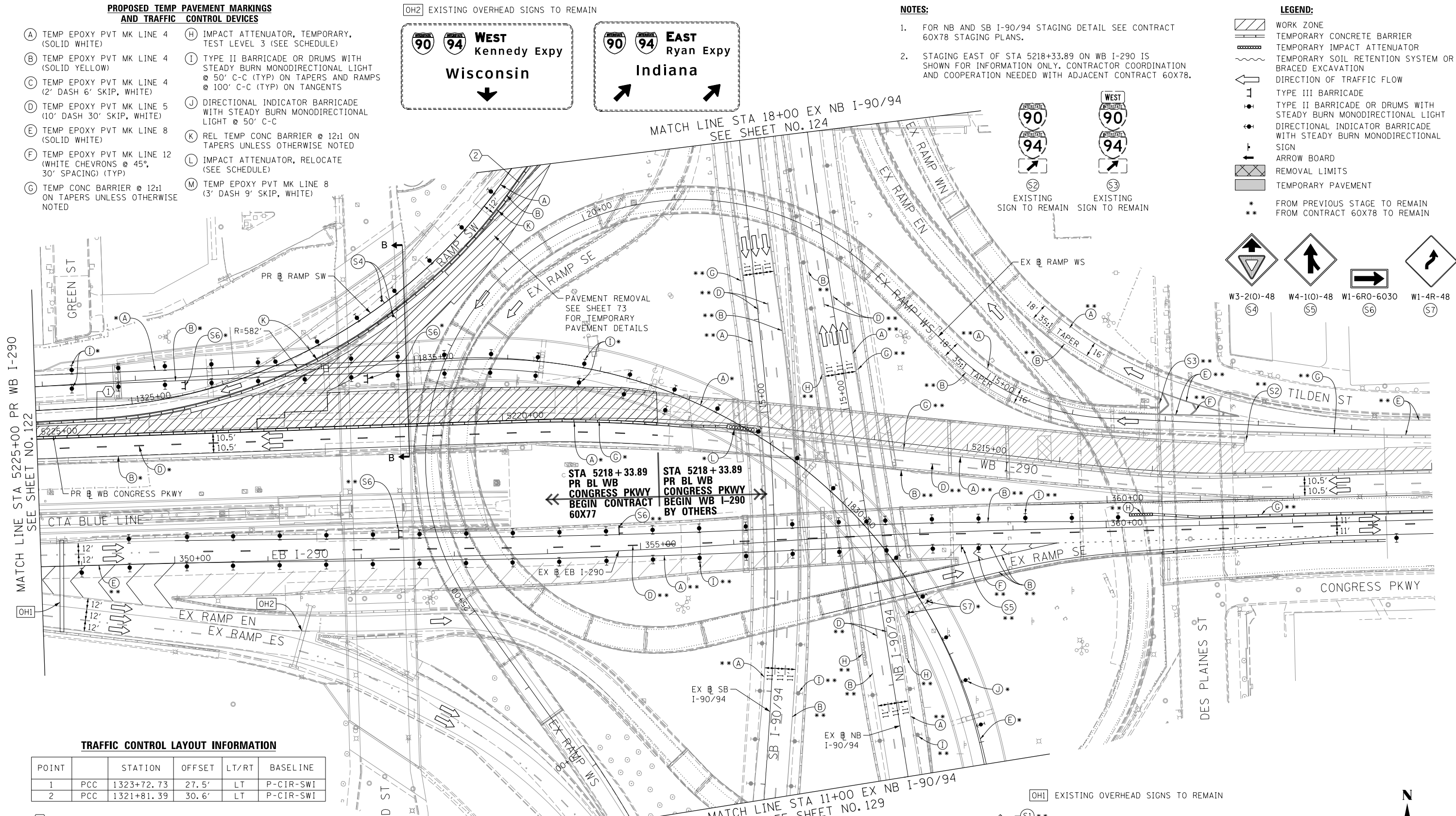
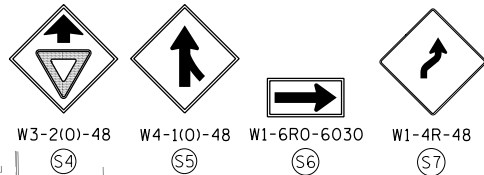


NOTES:

- FOR NB AND SB I-90/94 STAGING DETAIL SEE CONTRACT 60X78 STAGING PLANS.
- STAGING EAST OF STA 5218+33.89 ON WB I-290 IS SHOWN FOR INFORMATION ONLY. CONTRACTOR COORDINATION AND COOPERATION NEEDED WITH ADJACENT CONTRACT 60X78.

LEGEND:

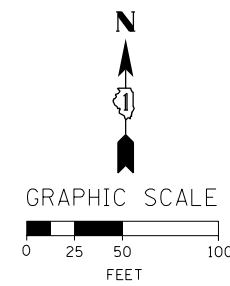
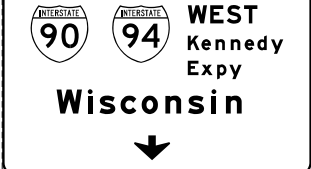
- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
- REMOVAL LIMITS
- TEMPORARY PAVEMENT
- FROM PREVIOUS STAGE TO REMAIN
- FROM CONTRACT 60X78 TO REMAIN



TRAFFIC CONTROL LAYOUT INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PCC	1323+72.73	27.5'	LT	P-CIR-SWI
2	PCC	1321+81.39	30.6'	LT	P-CIR-SWI

POINT LOCATION



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D160X77-Sht-Staging-ML-28-03.dgn
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 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 3/15/2016

DESIGNED - PHP
 DRAWN - ZND
 CHECKED - DBM
 DATE - 3/14/2016

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 2B**

SCALE: 1" = 50' SHEET 4 OF 10 SHEETS STA. 5225+00 TO STA. 5210+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	123

CONTRACT NO. 60X77
 ILLINOIS FED. AID PROJECT

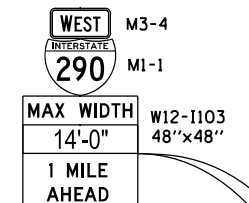
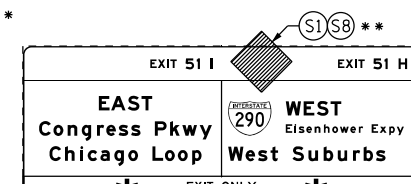
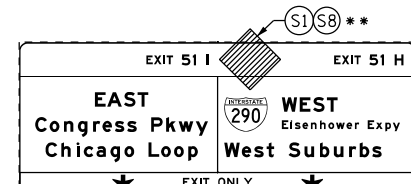
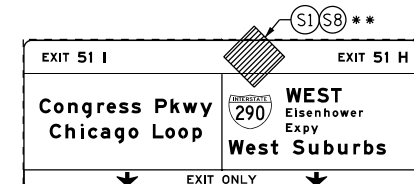
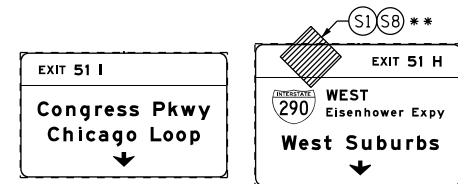
OH1 EXISTING OVERHEAD SIGNS TO REMAIN

OH2 EXISTING OVERHEAD SIGNS TO REMAIN

OH3 EXISTING OVERHEAD SIGNS TO REMAIN

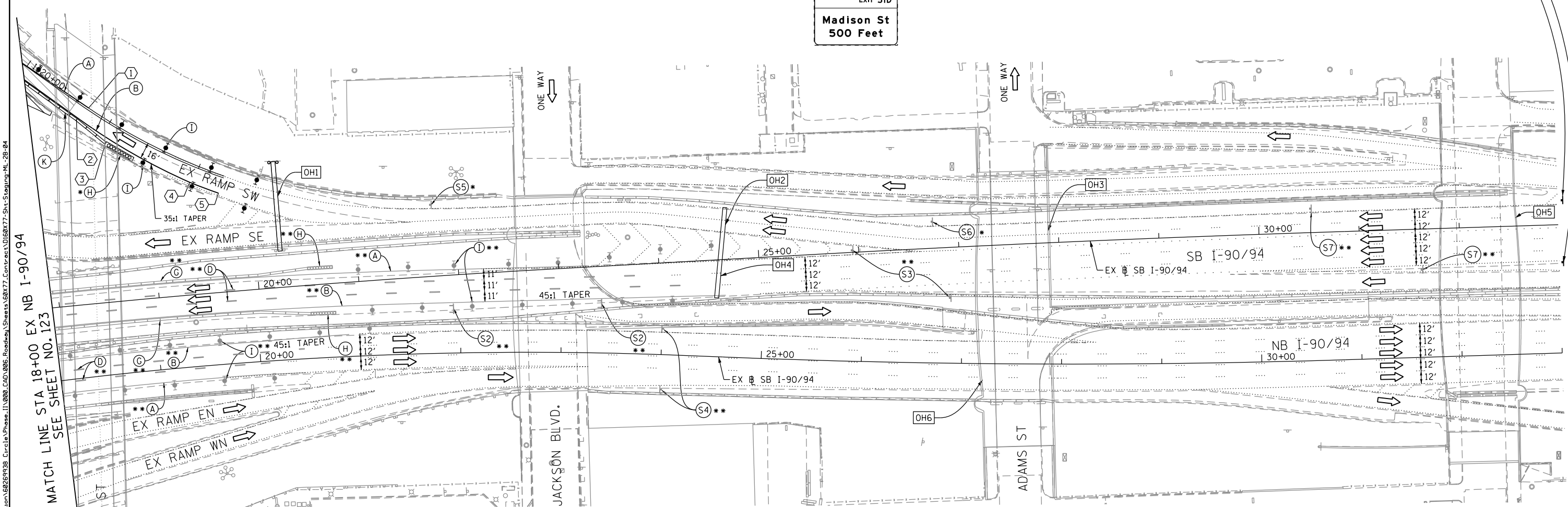
OH4 EXISTING OVERHEAD SIGN

OH5 EXISTING OVERHEAD SIGN TO REMAIN



INSTALL SIGN ASSEMBLY 1 MILE NORTH OF STA 19+00 SB I-90/94

OH6 EXISTING OVERHEAD SIGN



MATCH LINE STA 18+00 EX NB I-90/94 SEE SHEET NO. 123

PROPOSED TEMP 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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
(G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
(H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
(I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
(J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
(K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
(L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
(M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

- LEGEND:
WORK ZONE
TEMPORARY CONCRETE BARRIER
TEMPORARY IMPACT ATTENUATOR
TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
DIRECTION OF TRAFFIC FLOW
TYPE III BARRICADE
TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
ARROW BOARD
REMOVAL LIMITS
TEMPORARY PAVEMENT

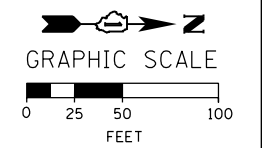
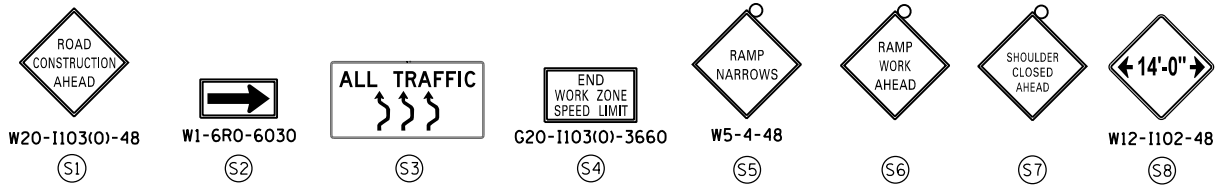
NOTES:

- 1. ALL TRAVEL LANES ON SB AND NB I-90/94 SHALL BE MAINTAINED AS PER CONTRACT 60X78.
2. ALL PAVEMENT MARKING AND SIGNINGS ON SB I-90/94, EXIT RAMP SW AND SE SHALL BE COORDINATED ON FIELD WITH CONTRACT 60X78 AND AS PER FIELD ENGINEER.
3. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. SEE TRAFFIC CONTROL GENERAL NOTES FOR DETAIL.
* FROM PREVIOUS STAGE TO REMAIN
** FROM CONTRACT 60X78 TO REMAIN

TRAFFIC CONTROL LAYOUT INFORMATION

Table with columns: POINT, STATION, OFFSET, LT/RT, BASELINE. Rows 1-5.

POINT LOCATION



Project information table: D160X77-Sht-Staging-ML-2B-04, USER NAME = postelp2, PLOT SCALE = 100.0000' / in., PLOT DATE = 4/27/2016

Design and revision table: DESIGNED - PHP, DRAWN - ZND, CHECKED - DBM, DATE - 4/27/2016

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN MAINLINE STAGING 2B

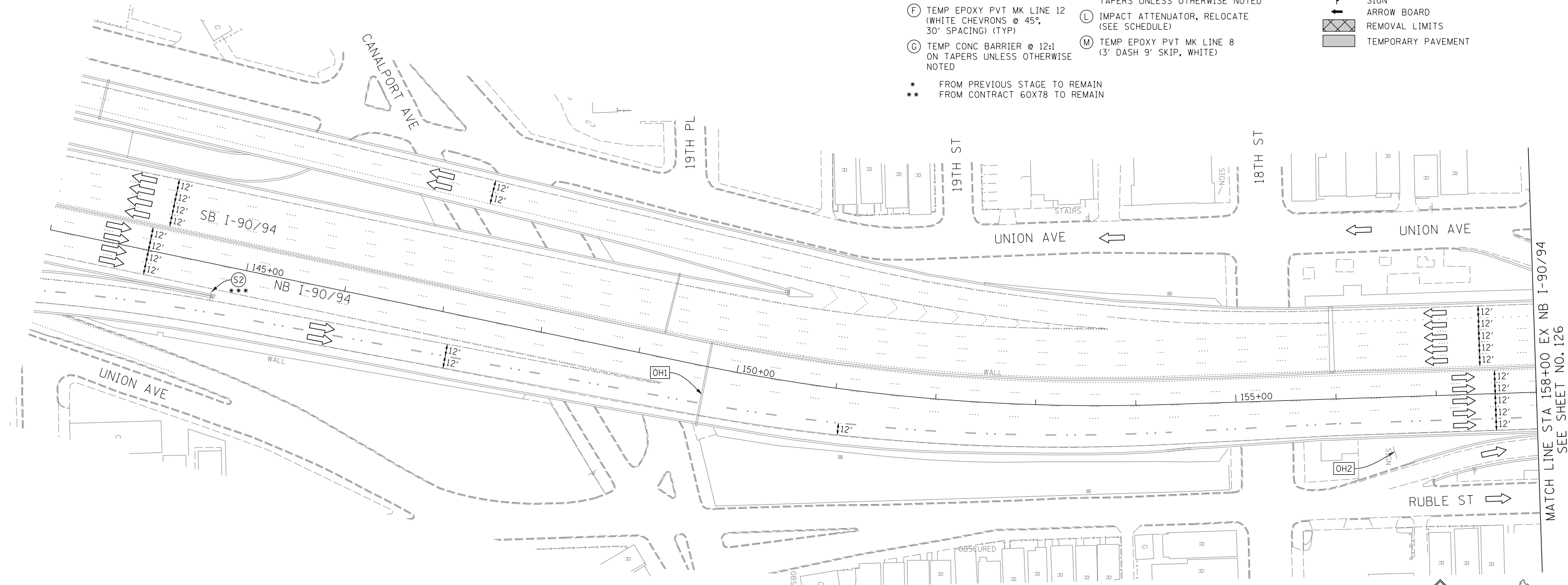
SCALE: 1" = 50' SHEET 5 OF 10 SHEETS STA. 18+00 TO STA. 33+00

Summary table: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. 60X77

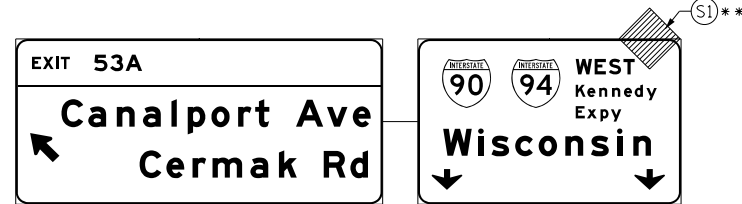
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
 - (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
 - (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
 - (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
 - (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
 - (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- * FROM PREVIOUS STAGE TO REMAIN
 ** FROM CONTRACT 60X78 TO REMAIN

- LEGEND:**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
 - ARROW BOARD
 - REMOVAL LIMITS
 - TEMPORARY PAVEMENT



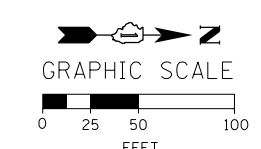
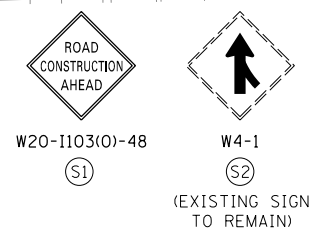
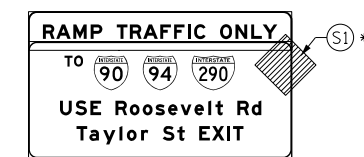
EXISTING OVERHEAD SIGN LOCATED APPROX AT STA 130+00
 EX I-90/94 OVER I-55 TO NB I-90/94 RAMP



OH1 EXISTING OVERHEAD SIGNS



OH2 UNCOVER EXISTING GROUND MOUNTED SIGN



FILE PATH = \\unetg1\p001\road\Projects\602877\000_CAD\006-Roadway\Printing\60X77-2016-03-14-60X77-FINAL_PLOT.DWG\77-Sht-Staging-ML-2B-05.dgn



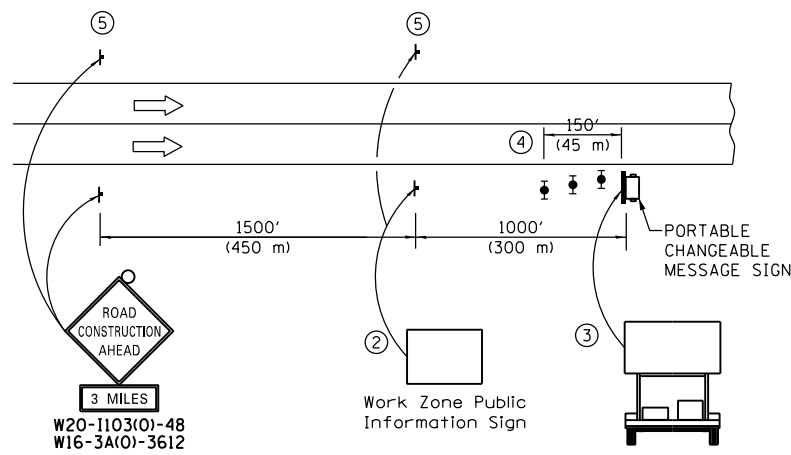
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PLOT DATE = 3/15/2016	DATE - 3/14/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 2B**

SCALE: 1" = 50' SHEET 6 OF 10 SHEETS STA. 143+00 TO STA. 158+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	125
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

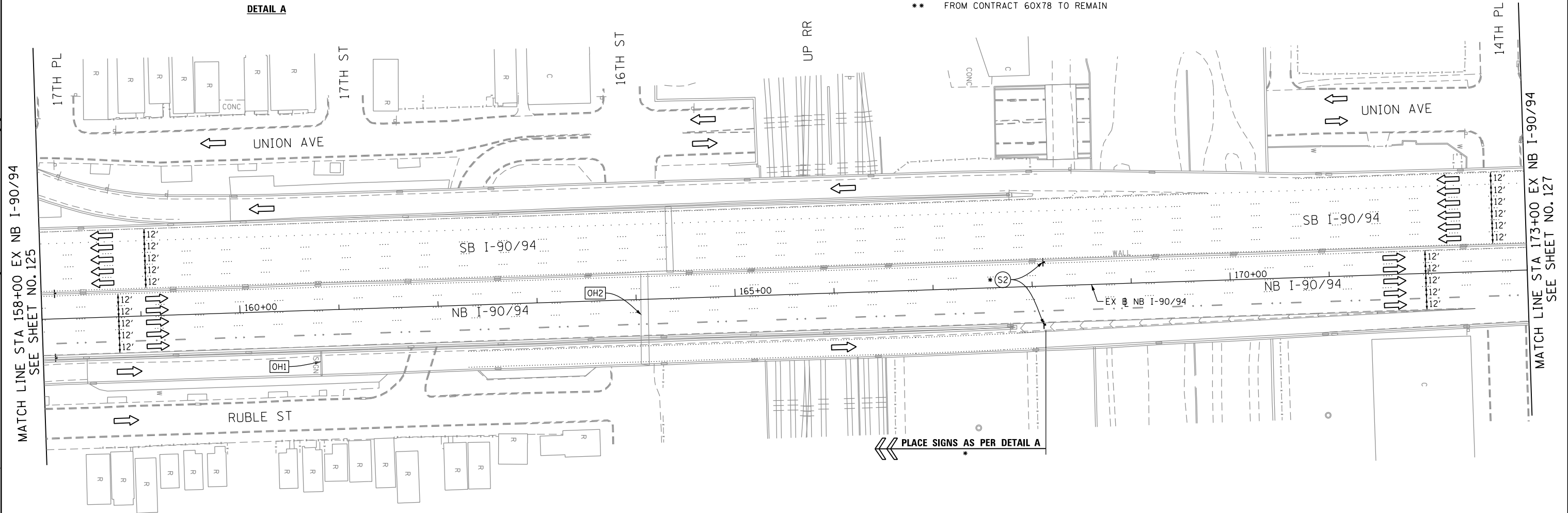


DETAIL A

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILE 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 50' (15 m) CENTERS.
- ⑤ THIS SIGN SHALL BE OMITTED WHEN MEDIAN WIDTH IS LESS THAN 10' (3 m).

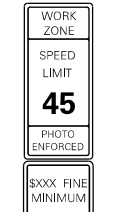
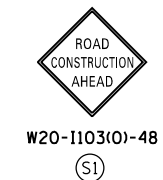
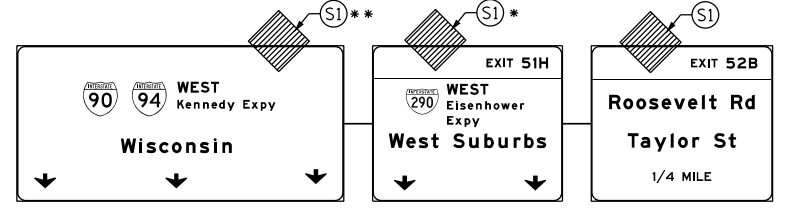
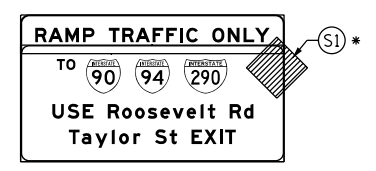
- PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
 - (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
 - (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
 - (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
 - (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
 - (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
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 - (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
 - (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP
 - (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
 - (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
 - (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- * FROM PREVIOUS STAGE TO REMAIN
 ** FROM CONTRACT 60X78 TO REMAIN

- LEGEND:**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
 - ARROW BOARD
 - REMOVAL LIMITS
 - TEMPORARY PAVEMENT

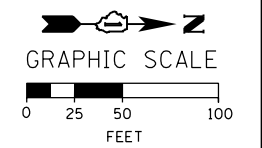


[OH1] EXISTING OVERHEAD SIGN

[OH2] EXISTING OVERHEAD SIGNS



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



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<p>303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE: (312) 373-1700 FAX: (312) 373-6800</p>	D16077-Sht-Staging-ML-28-06	DESIGNED - OPS	REVISED -
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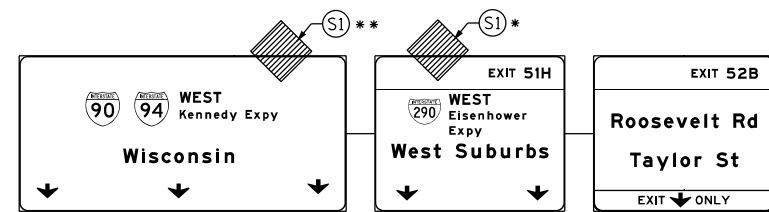
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 2B

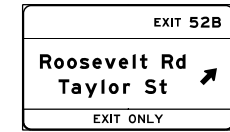
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	126
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

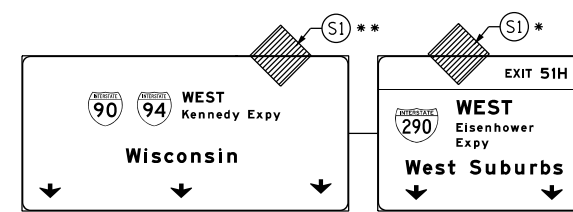
[OH1] EXISTING OVERHEAD SIGNS



[OH2] EXISTING OVERHEAD SIGN



[OH3] EXISTING OVERHEAD SIGNS TO REMAIN



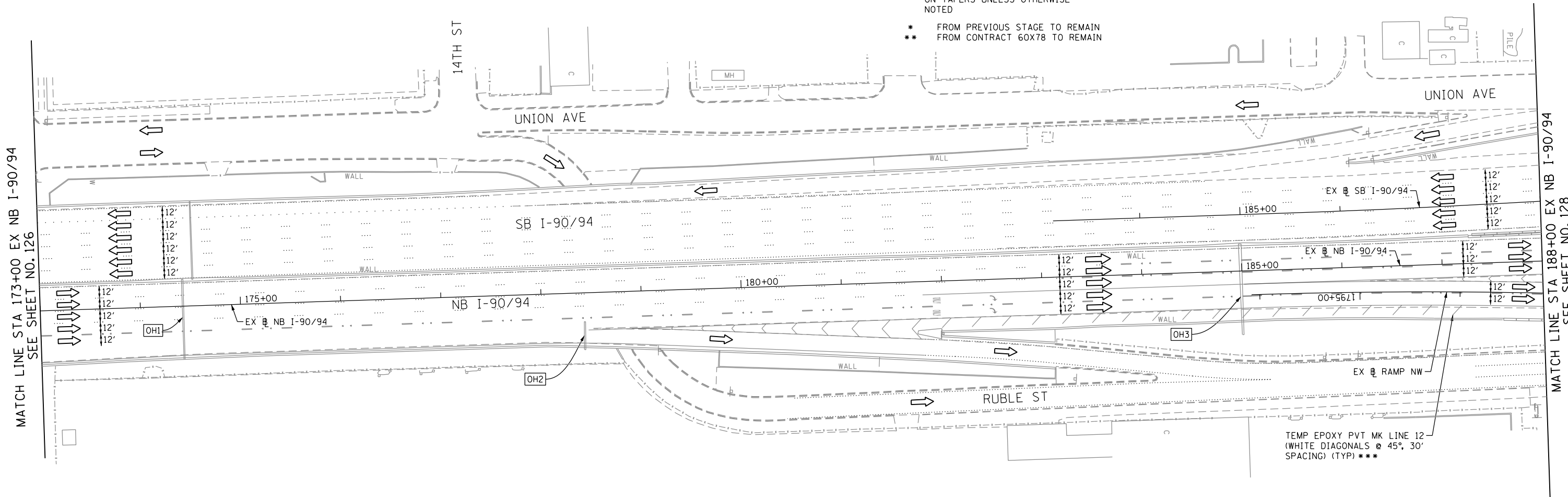
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

* FROM PREVIOUS STAGE TO REMAIN
 ** FROM CONTRACT 60X78 TO REMAIN

LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT

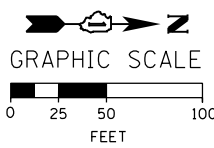


NOTES:

1. ALL TRAVEL LANES AND SIGNAGE ON NB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X78 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.
2. ALL SIGNS FOR LANE DROP ON RAMP NW NEED TO BE COORDINATED WITH CONTRACT 60X78.
3. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. SEE TRAFFIC CONTROL NOTES FOR DETAIL.



W20-1103(O)-48
 (S1)



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<p>303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE: (312) 373-1700 FAX: (312) 373-6800</p>	D160X77-Sht-Staging-ML-2B-07	DESIGNED - OPS	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
MAINLINE STAGING 2B			
SCALE: 1" = 50'	SHEET 8 OF 10 SHEETS	STA. 173+00 TO STA. 188+00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	127
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

NOTES:

- ALL TRAVEL LANES AND SIGNAGE ON NB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X78 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.
- COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. SEE TRAFFIC CONTROL NOTES FOR DETAIL.

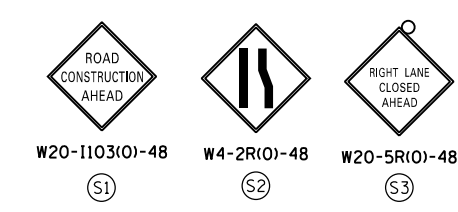
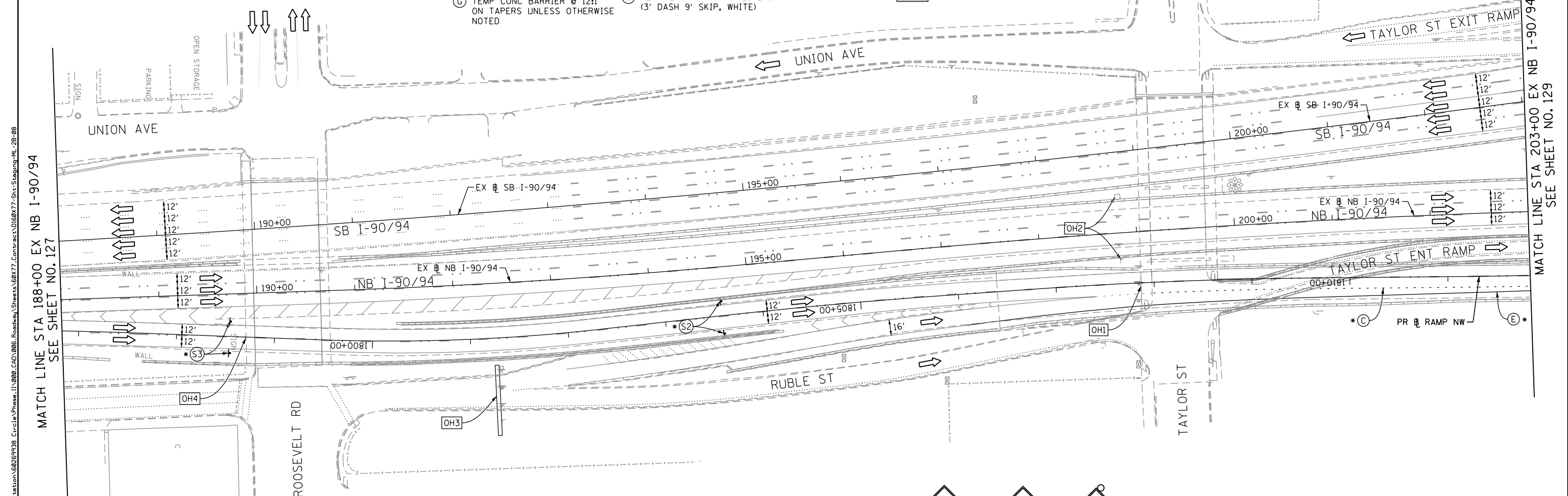
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
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- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
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- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
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- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
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- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

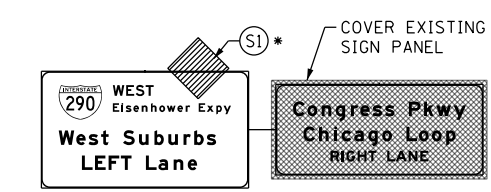
LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
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- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT

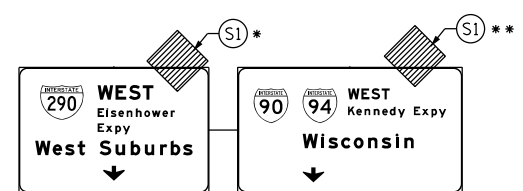
- * FROM PREVIOUS STAGE TO REMAIN
- ** FROM CONTRACTS 60X78 TO REMAIN



OH4 EXISTING OVERHEAD SIGNS



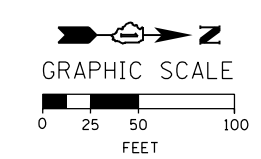
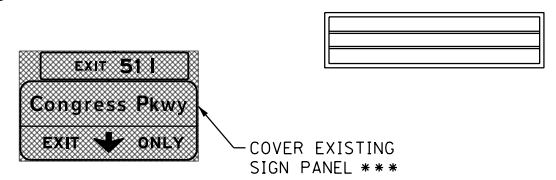
OH3 EXISTING OVERHEAD SIGNS



OH1 INSTALL BRIDGE MOUNTED SIGN PANELS ***



OH2 EXISTING DMS



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PLOT SCALE = 100.0000' / in.
PLOT DATE = 4/27/2016

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CHECKED - MC	REVISED -
DATE - 4/27/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 2B

SCALE: 1" = 50' SHEET 9 OF 10 SHEETS STA. 188+00 TO STA. 203+00









F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	128
CONTRACT NO. 60X77				
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
-  MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING OR SURFACE ROUGHENING (SEE NOTE 13)
-  PROTECTION OF EXISTING TREES (PAID FOR AS TEMPORARY FENCE, TREE TRUNK PROTECTION AND TREE PRUNING)
-  WORK ZONE
-  PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- LIMITS OF CONSTRUCTION
- - - - - TEMPORARY FENCE (SPECIAL) (SEE SHEET 76 TO 79)

PERMANENT EROSION CONTROL LEGEND

-  EROSION CONTROL BLANKET
-  SEEDING, CLASS 2A
-  NITROGEN FERTILIZER NUTRIENT
-  POTASSIUM FERTILIZER NUTRIENT
-  TOPSOIL FURNISH AND PLACE, 4"
- LIMITS OF CONSTRUCTION

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 PLOT DATE = 3/15/2016

DESIGNED - AFC
 DRAWN - AFC
 CHECKED - DBM
 DATE - 3/14/2016

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EROSION CONTROL GENERAL NOTES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	130
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

TEMPORARY EROSION CONTROL SCHEDULE

STAGES	TEMPORARY FENCE	TREE TRUNK PROTECTION	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER	INLET FILTERS	DUST CONTROL WATERING
	FOOT	EACH	EACH	EACH	ACRE	POUND	FOOT	EACH	UNIT
STAGE 1A	630	21	10	11	0.95	3589	2079	12	9.2
STAGE 1B	-	-	-	-	0.45		1891	12	4.3
STAGE 1C	-	-	-	-	0.40		1061	0	3.9
STAGE 2A	-	-	-	-	1.01	3694	3744	44	9.7
STAGE 2B	-	-	-	-	0.84		1497	2	8.2
ROUNDED TOTAL	630	21	10	11	3.75	7283	10272	70	35.3

PERMANENT EROSION CONTROL SCHEDULE

PERMANENT CONDITION	TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET
	SQ YD	ACRE	POUND	POUND	SQ YD
PERMANENT CONDITION	9005	1.86	168	168	9005
ROUNDED TOTAL	9005	2.00	168	168	9005

INLET FILTERS SCHEDULE (STAGE 1A)

LOCATION		ALIGNMENT	AMOUNT
STATION	OFFSET		(EACH)
5228+13.00	13.5' RT	P-IKE-WB	1
5224+33.00	27.0' LT	P-CON-WB	1
5223+31.32	27.0' LT	P-CON-WB	1
5222+79.67	27.3' LT	P-CON-WB	1
5222+60.00	27.0' LT	P-CON-WB	1
5221+80.04	27.9' LT	P-CON-WB	1
5219+48.90	25.9' LT	P-CON-WB	1
5219+48.80	26.1' LT	P-CON-WB	1
1323+29.55	39.6' LT	P-CIR-SWI	1
1322+49.96	34.6' LT	P-CIR-SWI	1
1322+51.37	17.5' LT	P-CIR-SWI	1
1321+16.24	40.3' LT	P-CIR-SWI	1
TOTAL			12

INLET FILTERS SCHEDULE (STAGE 1B)

LOCATION		ALIGNMENT	AMOUNT
STATION	OFFSET		(EACH)
5234+74.54	39.8' LT	P-IKE-WB	1
5233+69.90	37.1' LT	P-IKE-WB	1
5232+61.66	38.6' LT	P-IKE-WB	1
5230+16.28	37.6' LT	P-IKE-WB	1
5229+05.87	37.8' LT	P-IKE-WB	1
5229+05.00	38.0' LT	P-IKE-WB	1
5228+60.00	44.1' LT	P-IKE-WB	1
5228+22.06	38.0' LT	P-IKE-WB	1
5228+13.00	13.5' RT	P-IKE-WB	1
5226+88.93	36.4' LT	P-IKE-WB	1
5226+55.00	38.0' LT	P-IKE-WB	1
5225+56.08	38.0' LT	P-IKE-WB	1
TOTAL			12

INLET FILTERS SCHEDULE (STAGE 1C)

LOCATION		ALIGNMENT	AMOUNT
STATION	OFFSET		(EACH)
TOTAL			0

INLET FILTERS SCHEDULE (STAGE 2A)

LOCATION		ALIGNMENT	AMOUNT
STATION	OFFSET		(EACH)
5250+55.81	33.5' LT	P-IKE-WB	1
5249+63.70	34.2' LT	P-IKE-WB	1
5248+82.90	32.3' LT	P-IKE-WB	1
5247+48.00	28.9' LT	P-IKE-WB	1
5247+12.00	31.4' LT	P-IKE-WB	1
5246+96.94	40.6' LT	P-IKE-WB	1
5246+90.00	32.5' LT	P-IKE-WB	1
5246+60.00	34.0' LT	P-IKE-WB	1
5246+13.06	43.4' LT	P-IKE-WB	1
5246+13.00	36.4' LT	P-IKE-WB	1
5244+75.10	50.3' LT	P-IKE-WB	1
5244+68.00	43.6' LT	P-IKE-WB	1
5244+66.17	54.9' LT	P-IKE-WB	1
5243+65.00	48.8' LT	P-IKE-WB	1
5242+46.23	54.0' LT	P-IKE-WB	1
5237+46.50	40.0' LT	P-IKE-WB	1
5235+72.78	38.8' LT	P-IKE-WB	1
5235+16.35	36.1' LT	P-IKE-WB	3
5236+45.47	47.1' LT	P-IKE-WB	1
5236+45.00	39.8' LT	P-IKE-WB	1
5234+80.00	38.0' LT	P-IKE-WB	1
5234+55.58	38.0' LT	P-IKE-WB	1
5233+77.43	45.9' LT	P-IKE-WB	1
5233+50.00	39.3' LT	P-IKE-WB	1
5227+11.31	14.2' RT	P-IKE-WB	1
5225+96.28	17.7' RT	P-IKE-WB	1
1325+33.56	3.8' RT	P-CIR-SWI	1
1325+03.93	1.3' RT	P-CIR-SWI	1
1324+40.14	6.0' RT	P-CIR-SWI	1
1323+58.00	20.0' LT	P-CIR-SWI	1
1323+58.00	8.8' RT	P-CIR-SWI	1
1323+41.53	11.7' RT	P-CIR-SWI	1
1323+35.04	12.3' RT	P-CIR-SWI	1
1323+08.02	20.0' LT	P-CIR-SWI	1
1323+08.02	11.5' RT	P-CIR-SWI	1
1322+58.00	20.0' LT	P-CIR-SWI	1
1321+38.85	20.9' RT	P-CIR-SWI	1
1321+35.00	12.0' RT	P-CIR-SWI	1
5221+80.00	28.9' RT	P-CON-WB	1
5220+94.76	32.1' RT	P-CON-WB	1
5219+93.66	44.9' RT	P-CON-WB	1
5219+95.58	30.1' RT	P-CON-WB	1
TOTAL			44

INLET FILTERS SCHEDULE (STAGE 2B)

LOCATION		ALIGNMENT	AMOUNT
STATION	OFFSET		(EACH)
5248+82.80	33.1' RT	P-IKE-WB	1
5222+42.00	23.7' RT	P-CON-WB	1
TOTAL			2

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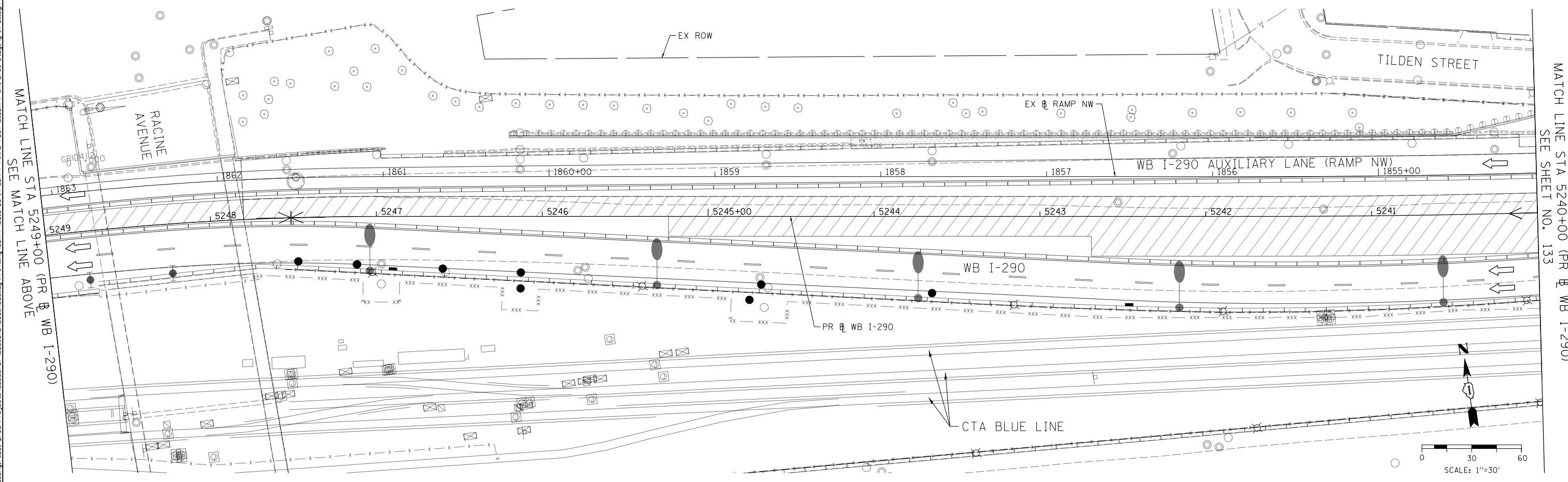
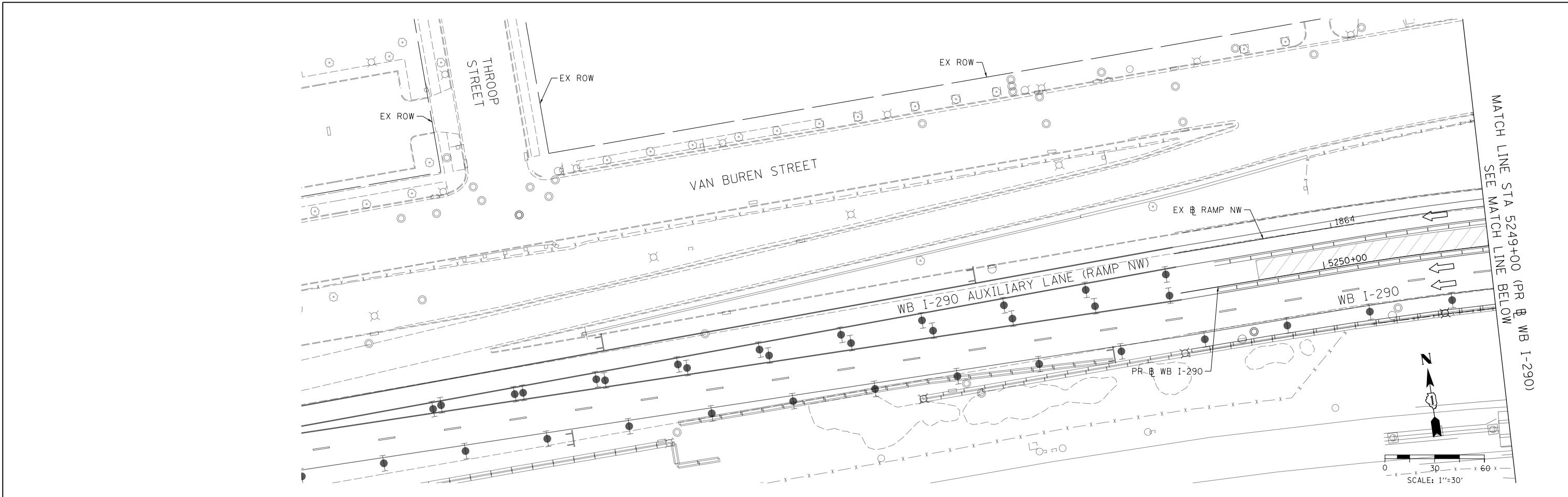
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 DRAWN - AFC
 CHECKED - DBM
 DATE - 3/14/2016

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL SCHEDULE
 SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	131
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



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DESIGNED - AFC
 DRAWN - ZND
 CHECKED - DBM
 DATE - 3/14/2016

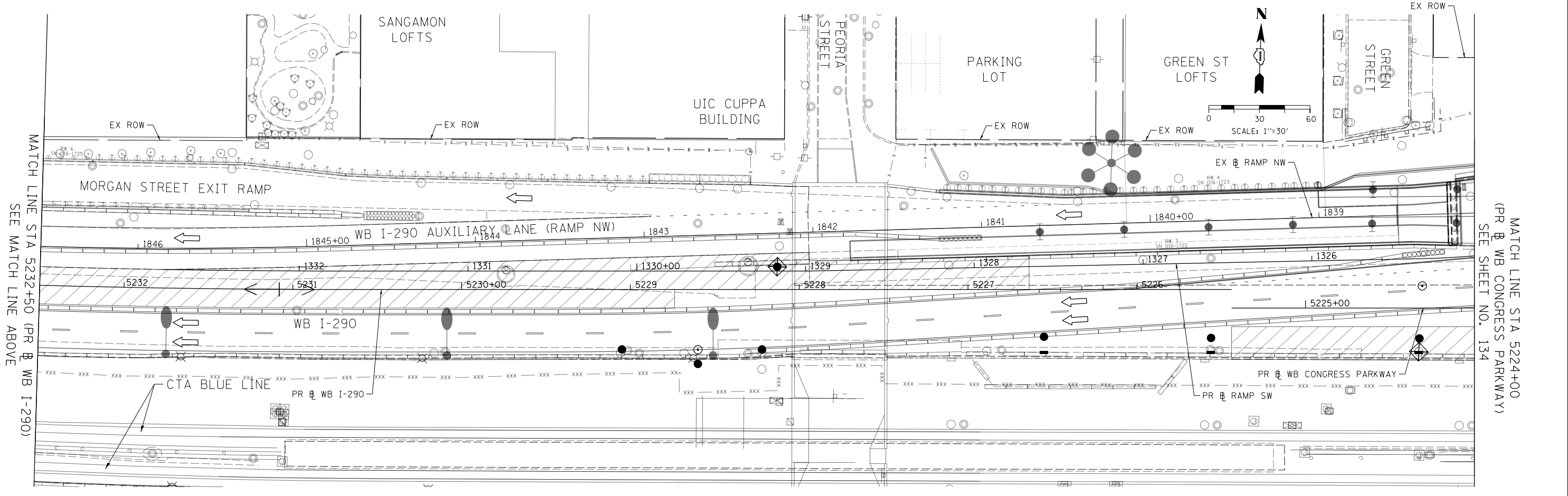
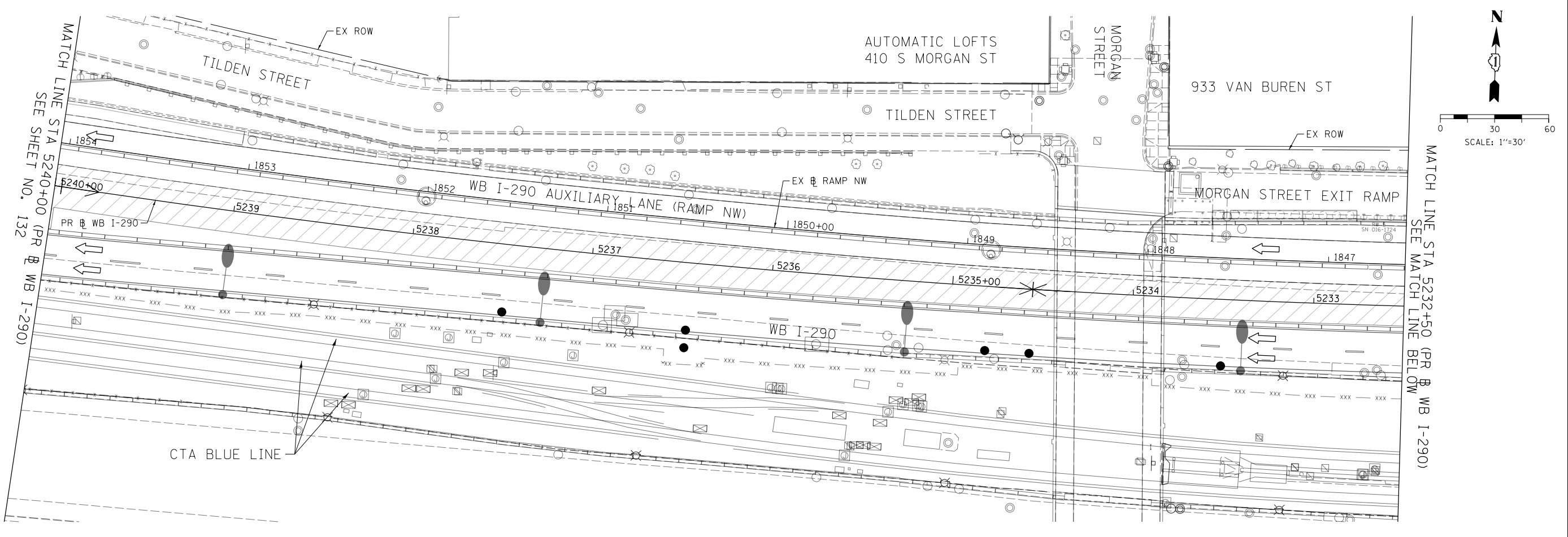
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE - STAGE 1A

SCALE: 1" = 30' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	132
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



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 USER NAME = dshevoz
 PLOT SCALE = 60.0000' / in.
 PLOT DATE = 3/15/2016

DESIGNED - AFC	REVISED -
DRAWN - ZND	REVISED -
CHECKED - DBM	REVISED -
DATE - 3/14/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

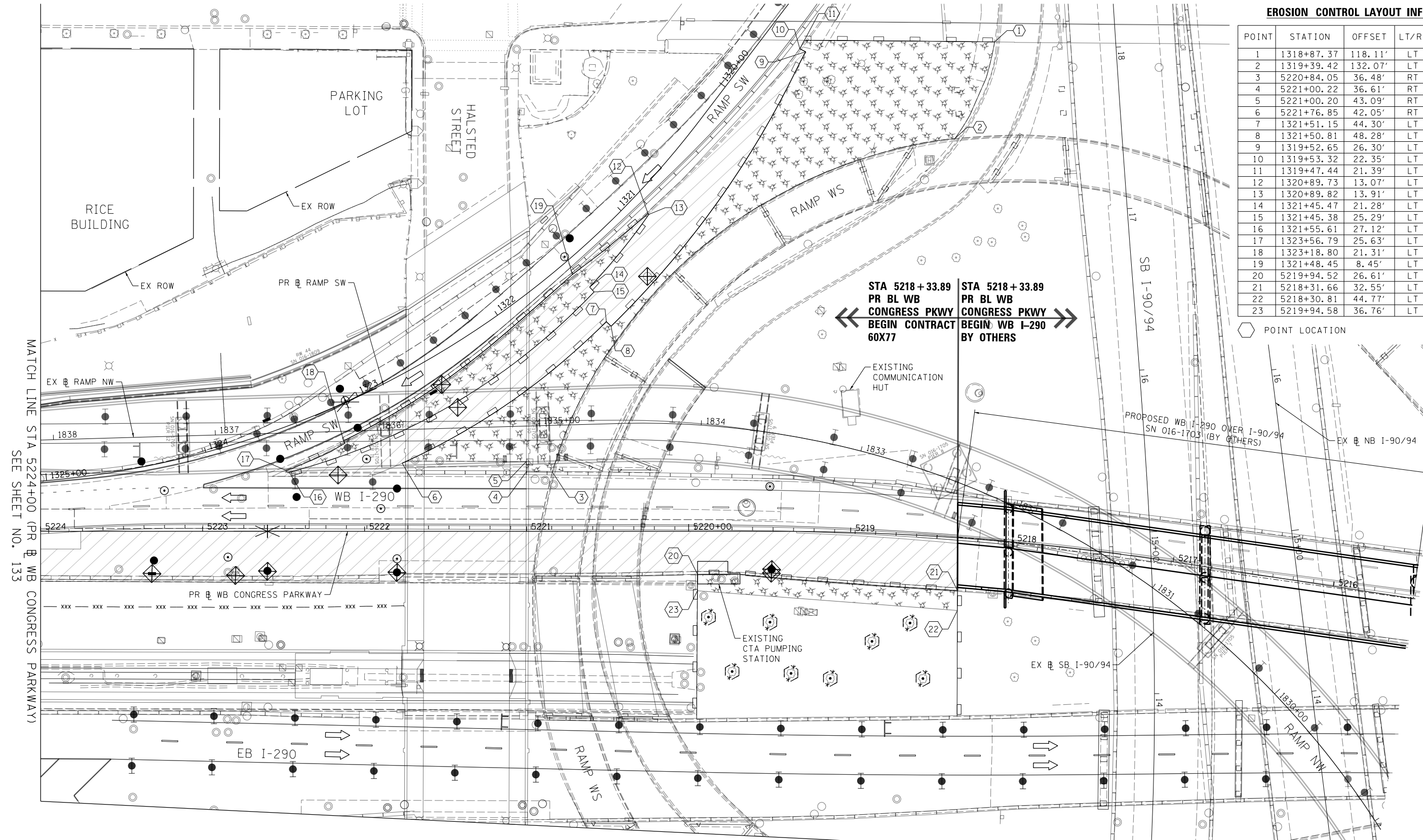
EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE - STAGE 1A
 SCALE: 1" = 30' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-003R&B	COUNTY COOK	TOTAL SHEETS 431	SHEET NO. 133
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL LAYOUT INFORMATION

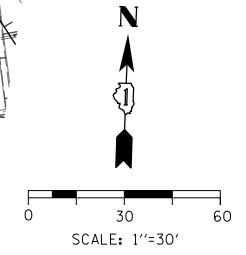
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2	1319+39.42	132.07'	LT	P-CIR-SW
3	5220+84.05	36.48'	RT	P-CON-WB
4	5221+00.22	36.61'	RT	P-CON-WB
5	5221+00.20	43.09'	RT	P-CON-WB
6	5221+76.85	42.05'	RT	P-CON-WB
7	1321+51.15	44.30'	LT	P-CIR-SW
8	1321+50.81	48.28'	LT	P-CIR-SW
9	1319+52.65	26.30'	LT	P-CIR-SW
10	1319+53.32	22.35'	LT	P-CIR-SW
11	1319+47.44	21.39'	LT	P-CIR-SW
12	1320+89.73	13.07'	LT	P-CIR-SW
13	1320+89.82	13.91'	LT	P-CIR-SW
14	1321+45.47	21.28'	LT	P-CIR-SW
15	1321+45.38	25.29'	LT	P-CIR-SW
16	1321+55.61	27.12'	LT	P-CIR-SW
17	1323+56.79	25.63'	LT	P-CIR-SW
18	1323+18.80	21.31'	LT	P-CIR-SW
19	1321+48.45	8.45'	LT	P-CIR-SW
20	5219+94.52	26.61'	LT	P-CON-WB
21	5218+31.66	32.55'	LT	P-CON-WB
22	5218+30.81	44.77'	LT	P-CON-WB
23	5219+94.58	36.76'	LT	P-CON-WB

○ POINT LOCATION



MATCH LINE STA 5224+00 (PR WB CONGRESS PARKWAY) SEE SHEET NO. 133

MATCH LINE STA 13+00 (EX SB I-90/94) SEE SHEET NO. 135



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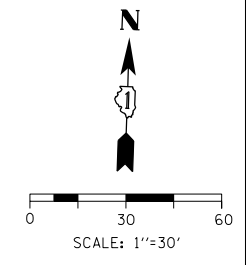
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 PLOT DATE = 3/15/2016

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DATE - 3/14/2016	REVISED -

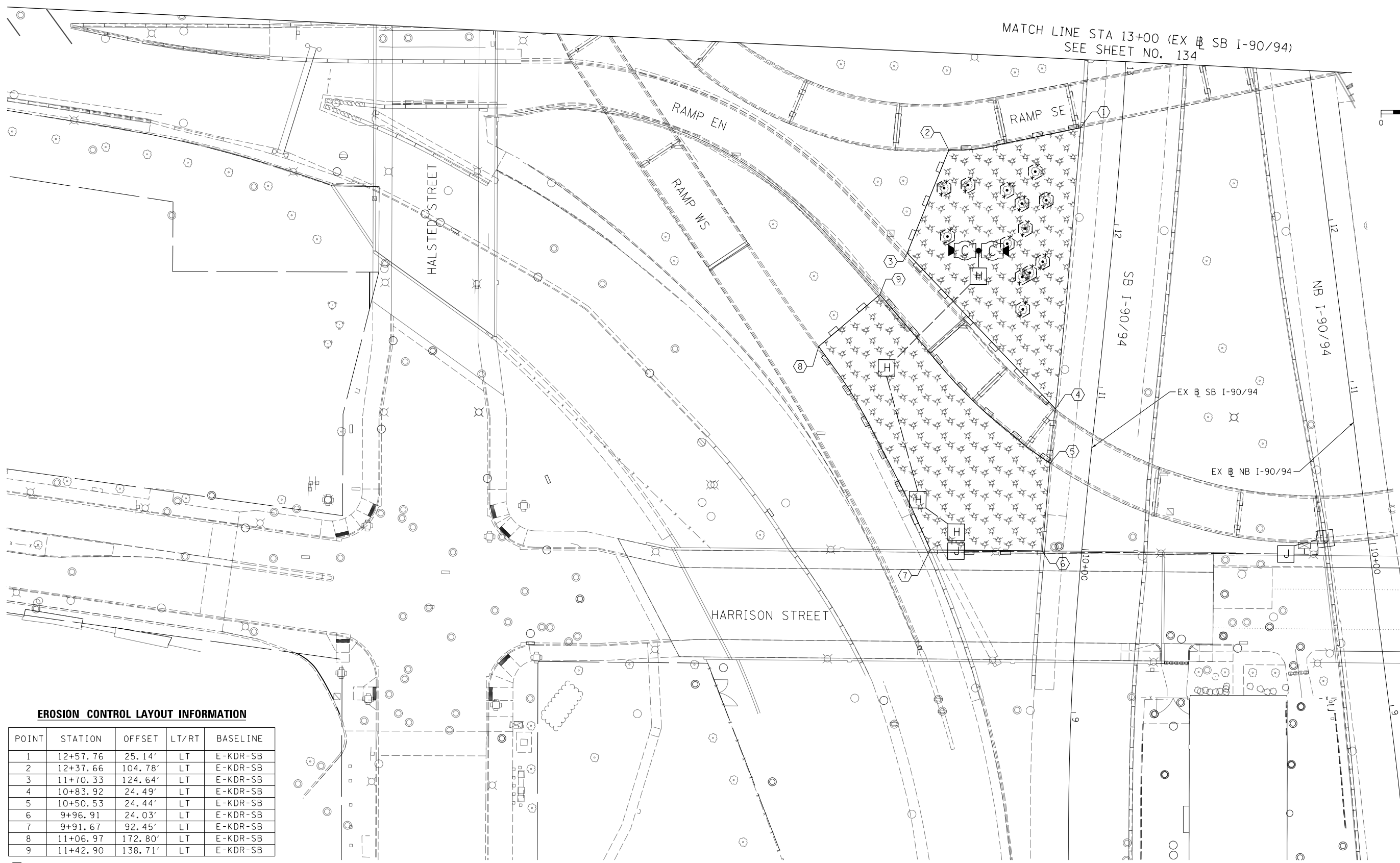
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENTATION CONTROL PLAN
 WB I-290 MAINLINE - STAGE 1A**
 SCALE: 1" = 30' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	134
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 13+00 (EX SB I-90/94)
SEE SHEET NO. 134



EROSION CONTROL LAYOUT INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	12+57.76	25.14'	LT	E-KDR-SB
2	12+37.66	104.78'	LT	E-KDR-SB
3	11+70.33	124.64'	LT	E-KDR-SB
4	10+83.92	24.49'	LT	E-KDR-SB
5	10+50.53	24.44'	LT	E-KDR-SB
6	9+96.91	24.03'	LT	E-KDR-SB
7	9+91.67	92.45'	LT	E-KDR-SB
8	11+06.97	172.80'	LT	E-KDR-SB
9	11+42.90	138.71'	LT	E-KDR-SB

○ POINT LOCATION

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 PLOT SCALE = 60.0000' / in.
 PLOT DATE = 3/15/2016

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 DRAWN - ZND
 CHECKED - DBM
 DATE - 3/14/2016

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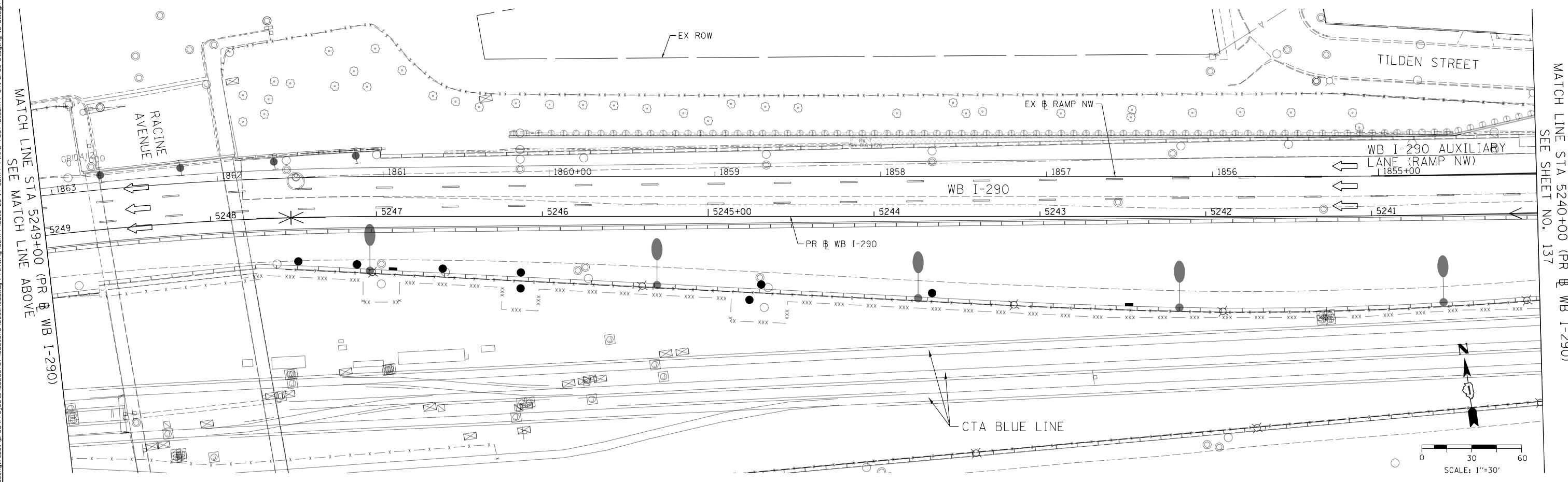
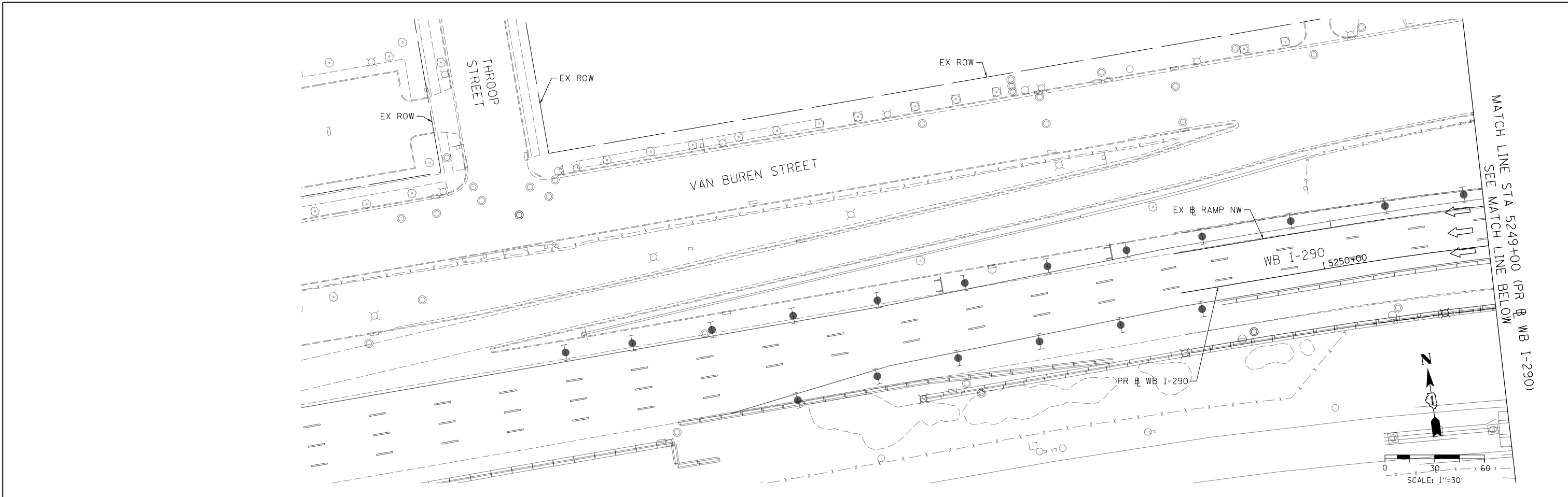
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE - STAGE 1A

SCALE: 1" = 30' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	135
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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 USER NAME = dshevoz
 PLOT SCALE = 60.0000' / in.
 PLOT DATE = 3/15/2016

DESIGNED - AFC
 DRAWN - ZND
 CHECKED - DBM
 DATE - 3/14/2016

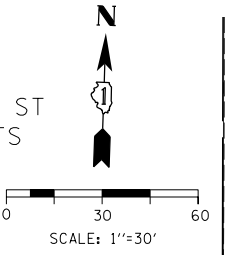
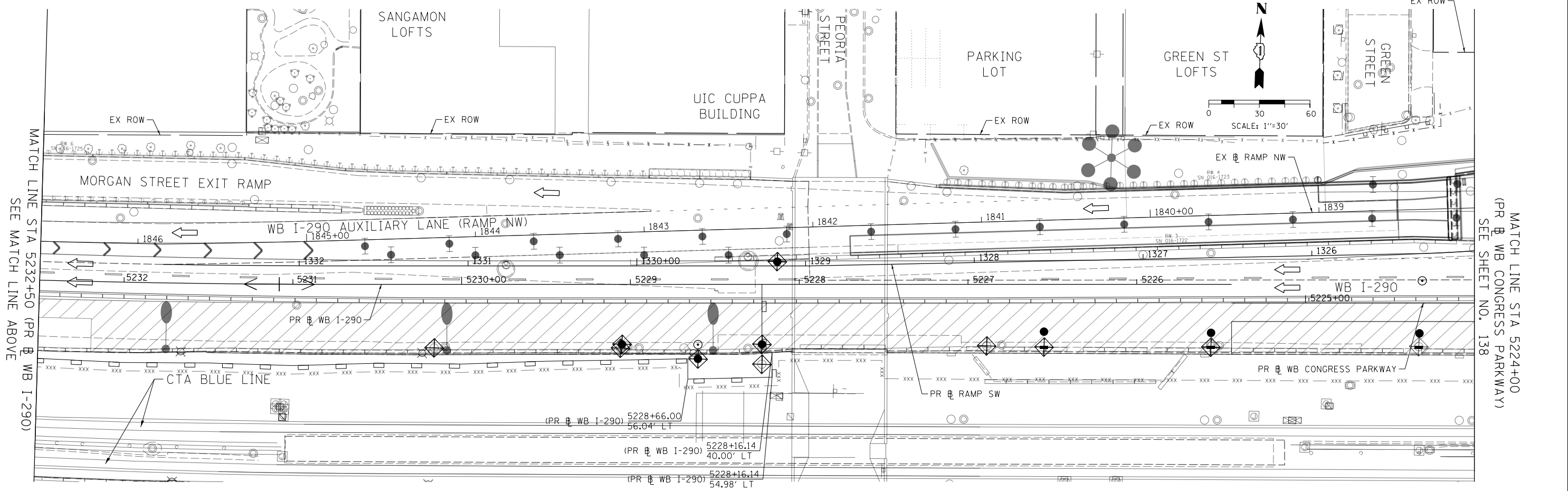
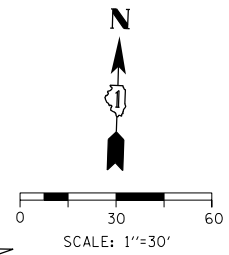
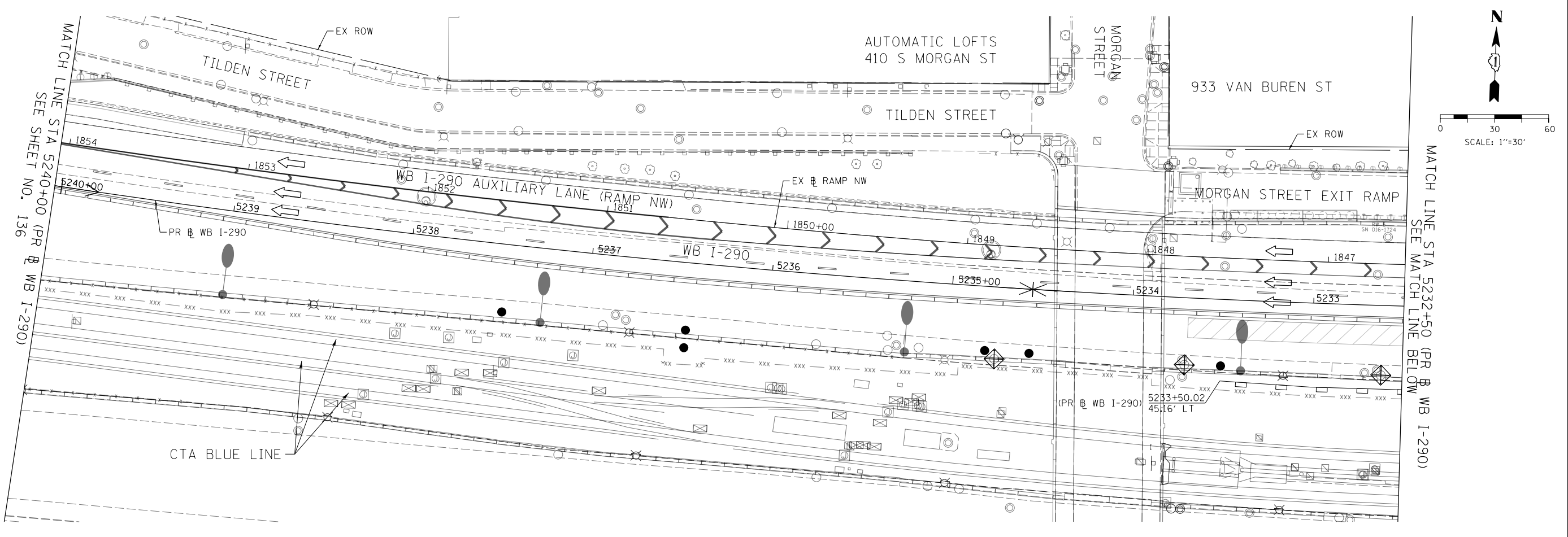
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL PLAN
 WB I-290 MAINLINE - STAGE 1B

SCALE: 1" = 30' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	136
				CONTRACT NO. 60X77
ILLINOIS FED. AID PROJECT				



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 PLOT SCALE = 60.0000' / in.
 PLOT DATE = 3/15/2016

DESIGNED - AFC	REVISED -
DRAWN - ZND	REVISED -
CHECKED - DBM	REVISED -
DATE - 3/14/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENTATION CONTROL PLAN
 WB I-290 MAINLINE - STAGE 1B**

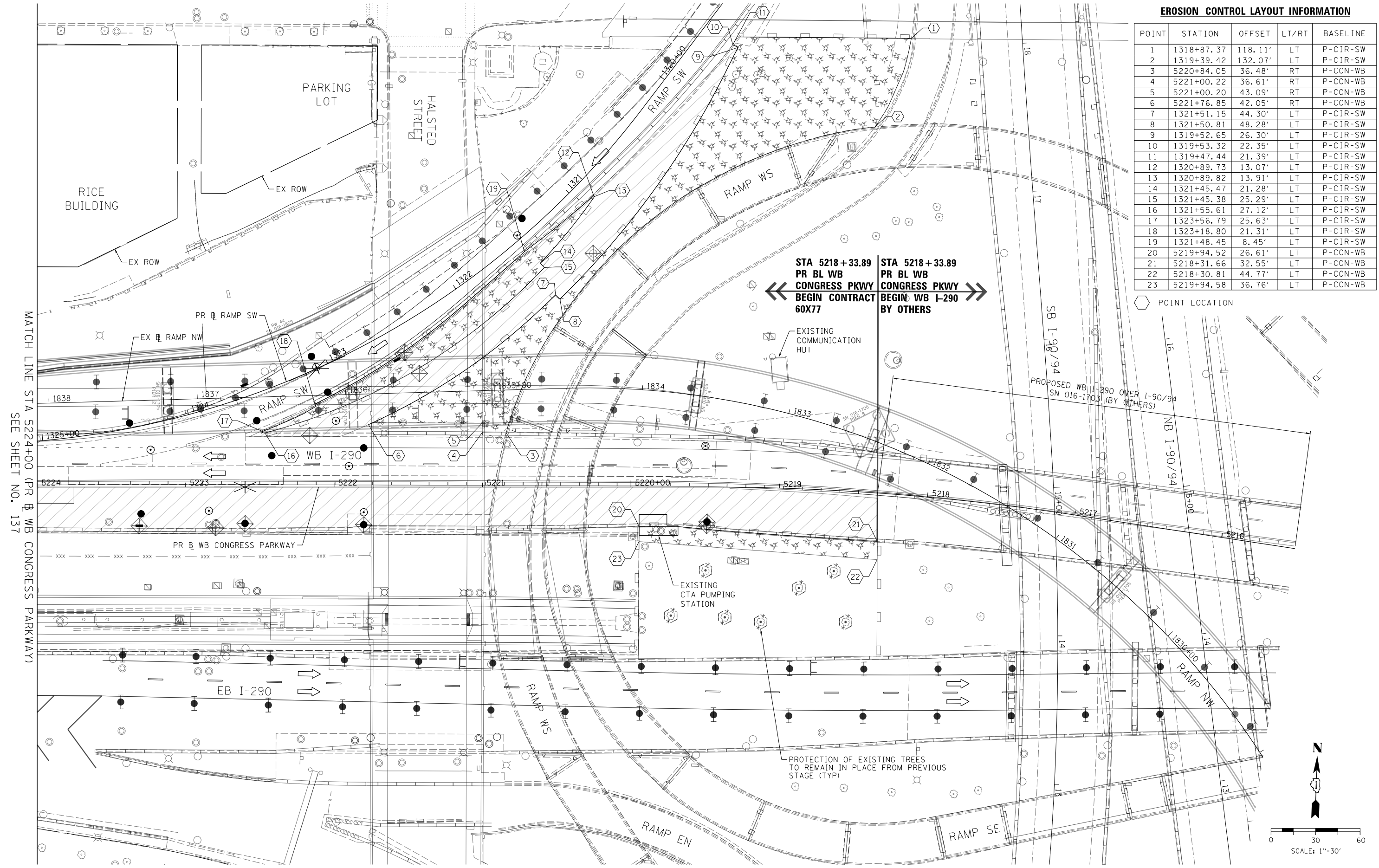
SCALE: 1" = 30' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	137
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL LAYOUT INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	1318+87.37	118.11'	LT	P-CIR-SW
2	1319+39.42	132.07'	LT	P-CIR-SW
3	5220+84.05	36.48'	RT	P-CON-WB
4	5221+00.22	36.61'	RT	P-CON-WB
5	5221+00.20	43.09'	RT	P-CON-WB
6	5221+76.85	42.05'	RT	P-CON-WB
7	1321+51.15	44.30'	LT	P-CIR-SW
8	1321+50.81	48.28'	LT	P-CIR-SW
9	1319+52.65	26.30'	LT	P-CIR-SW
10	1319+53.32	22.35'	LT	P-CIR-SW
11	1319+47.44	21.39'	LT	P-CIR-SW
12	1320+89.73	13.07'	LT	P-CIR-SW
13	1320+89.82	13.91'	LT	P-CIR-SW
14	1321+45.47	21.28'	LT	P-CIR-SW
15	1321+45.38	25.29'	LT	P-CIR-SW
16	1321+55.61	27.12'	LT	P-CIR-SW
17	1323+56.79	25.63'	LT	P-CIR-SW
18	1323+18.80	21.31'	LT	P-CIR-SW
19	1321+48.45	8.45'	LT	P-CIR-SW
20	5219+94.52	26.61'	LT	P-CON-WB
21	5218+31.66	32.55'	LT	P-CON-WB
22	5218+30.81	44.77'	LT	P-CON-WB
23	5219+94.58	36.76'	LT	P-CON-WB

POINT LOCATION



STA 5218+33.89
PR BL WB
CONGRESS PKWY
BEGIN CONTRACT
60X77

STA 5218+33.89
PR BL WB
CONGRESS PKWY
BEGIN WB I-290
BY OTHERS

MATCH LINE STA 5224+00 (PR WB CONGRESS PARKWAY)
 SEE SHEET NO. 137

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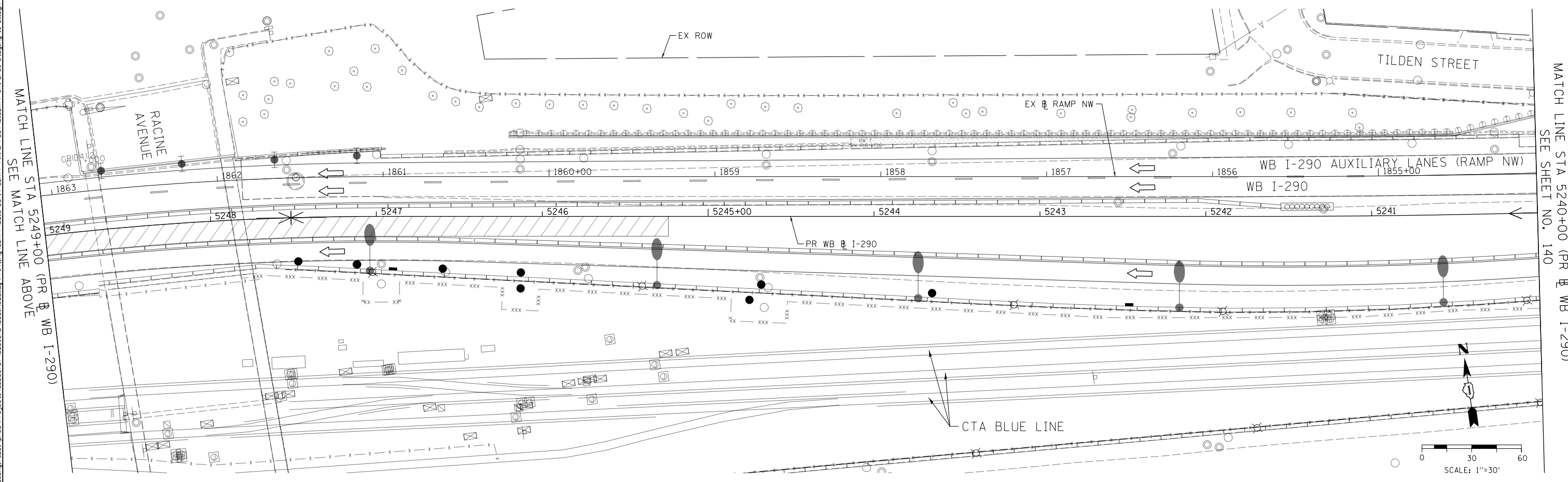
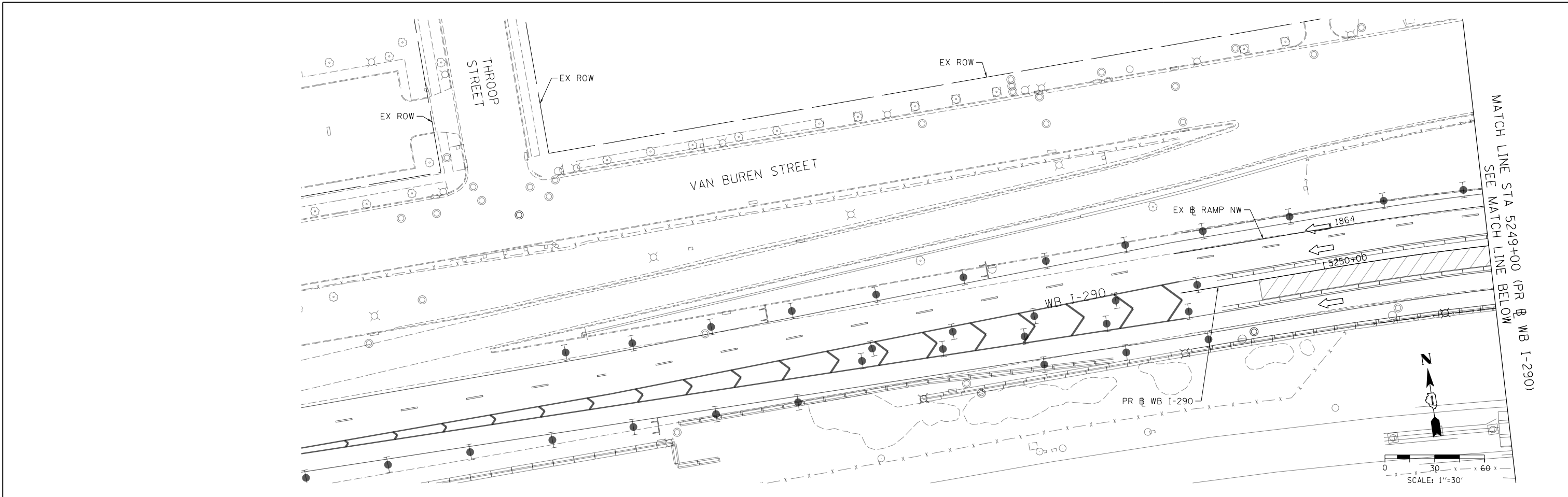
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CHECKED - DBM	REVISED -
DATE - 3/14/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE - STAGE 1B
 SCALE: 1" = 30' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	138
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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 PLOT DATE = 3/15/2016

DESIGNED - AFC
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 CHECKED - DBM
 DATE - 3/14/2016

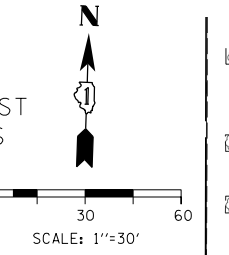
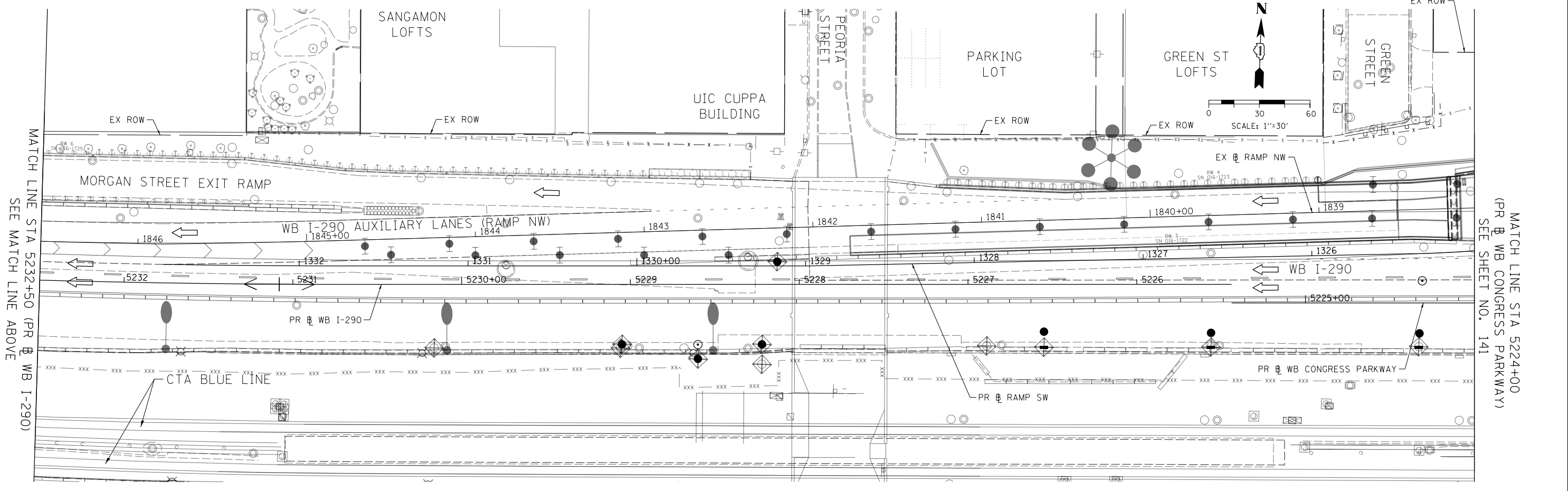
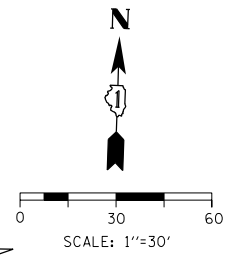
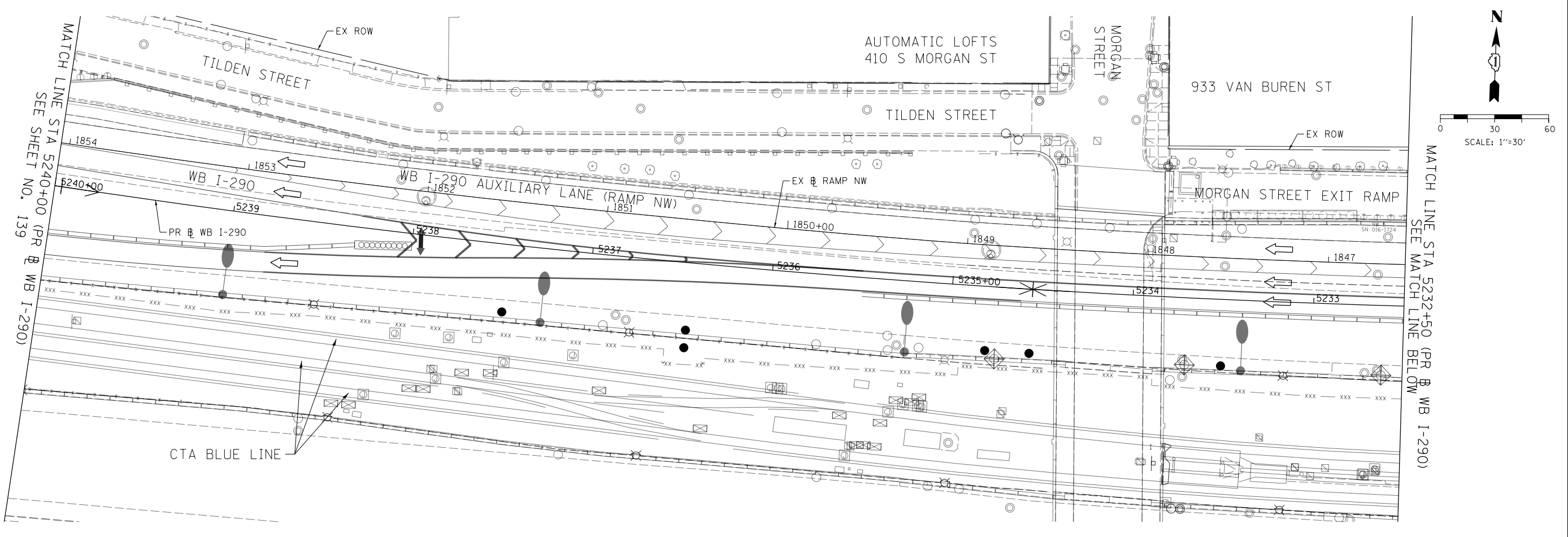
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENTATION CONTROL PLAN
 WB I-290 MAINLINE - STAGE 1C**

SCALE: 1" = 30' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	139
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



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 PLOT SCALE = 60.0000' / in.
 PLOT DATE = 3/15/2016

DESIGNED - AFC	REVISED -
DRAWN - ZND	REVISED -
CHECKED - DBM	REVISED -
DATE - 3/14/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

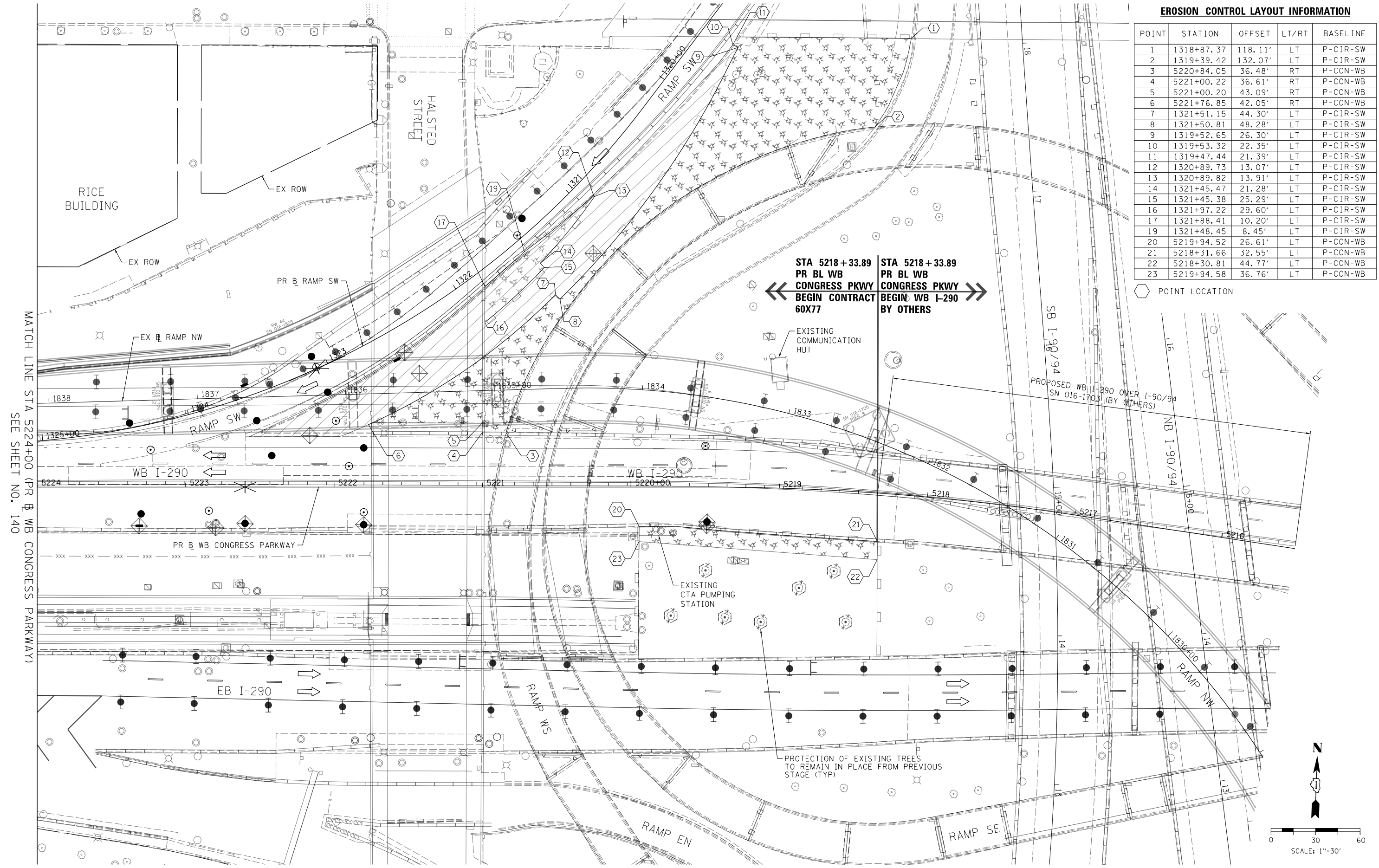
EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE - STAGE 1C
 SCALE: 1" = 30' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	140
CONTRACT NO. 60X77			ILLINOIS FED. AID PROJECT	

EROSION CONTROL LAYOUT INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	1318+87.37	118.11'	LT	P-CIR-SW
2	1319+39.42	132.07'	LT	P-CIR-SW
3	5220+84.05	36.48'	RT	P-CON-WB
4	5221+00.22	36.61'	RT	P-CON-WB
5	5221+00.20	43.09'	RT	P-CON-WB
6	5221+76.85	42.05'	RT	P-CON-WB
7	1321+51.15	44.30'	LT	P-CIR-SW
8	1321+50.81	48.28'	LT	P-CIR-SW
9	1319+52.65	26.30'	LT	P-CIR-SW
10	1319+53.32	22.35'	LT	P-CIR-SW
11	1319+47.44	21.39'	LT	P-CIR-SW
12	1320+89.73	13.07'	LT	P-CIR-SW
13	1320+89.82	13.91'	LT	P-CIR-SW
14	1321+45.47	21.28'	LT	P-CIR-SW
15	1321+45.38	25.29'	LT	P-CIR-SW
16	1321+97.22	29.60'	LT	P-CIR-SW
17	1321+88.41	10.20'	LT	P-CIR-SW
19	1321+48.45	8.45'	LT	P-CIR-SW
20	5219+94.52	26.61'	LT	P-CON-WB
21	5218+31.66	32.55'	LT	P-CON-WB
22	5218+30.81	44.77'	LT	P-CON-WB
23	5219+94.58	36.76'	LT	P-CON-WB

○ POINT LOCATION



MATCH LINE STA 5224+00 (PR & WB CONGRESS PARKWAY) SEE SHEET NO. 140

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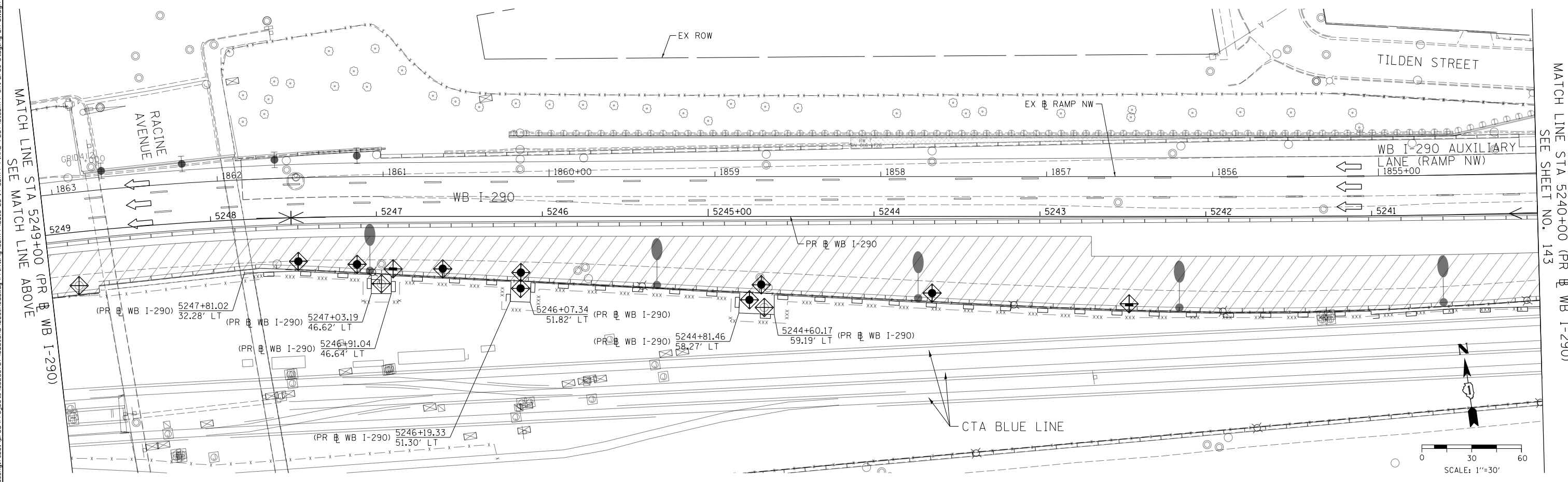
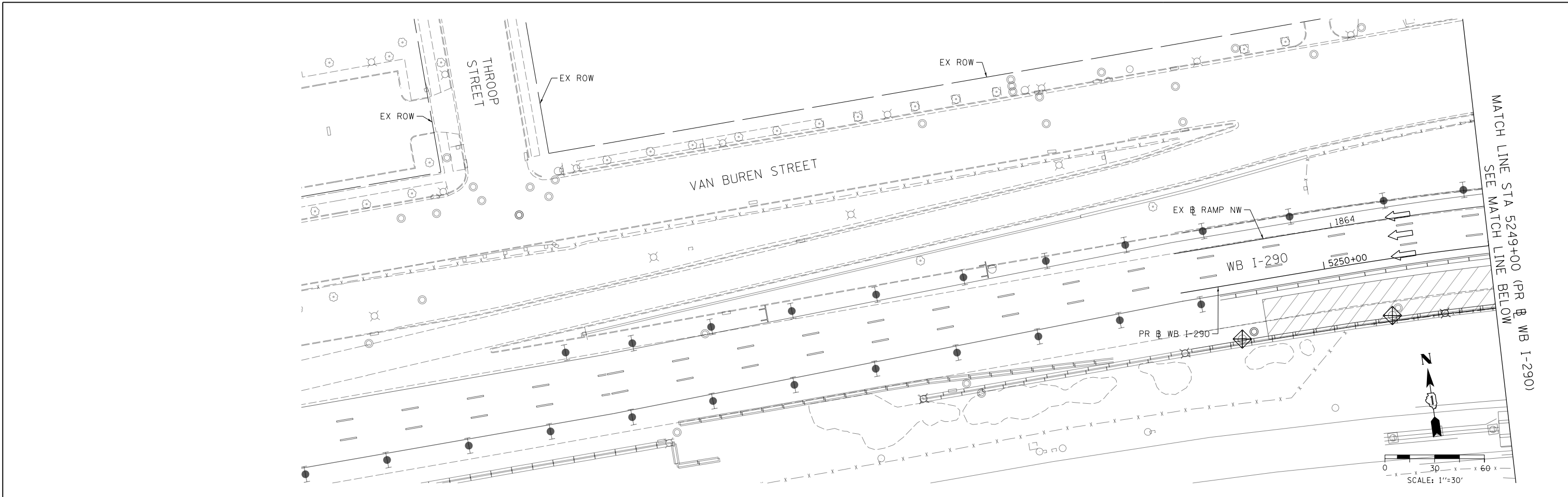
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 PLOT DATE = 3/15/2016

DESIGNED - AFC	REVISED -
DRAWN - ZND	REVISED -
CHECKED - DBM	REVISED -
DATE - 3/14/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENTATION CONTROL PLAN
 WB I-290 MAINLINE - STAGE 1C**
 SCALE: 1" = 30' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	141
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



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USER NAME = dshevoz
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PLOT DATE = 3/15/2016

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DRAWN - ZND
CHECKED - DBM
DATE - 3/14/2016

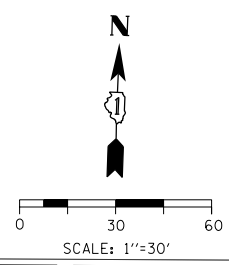
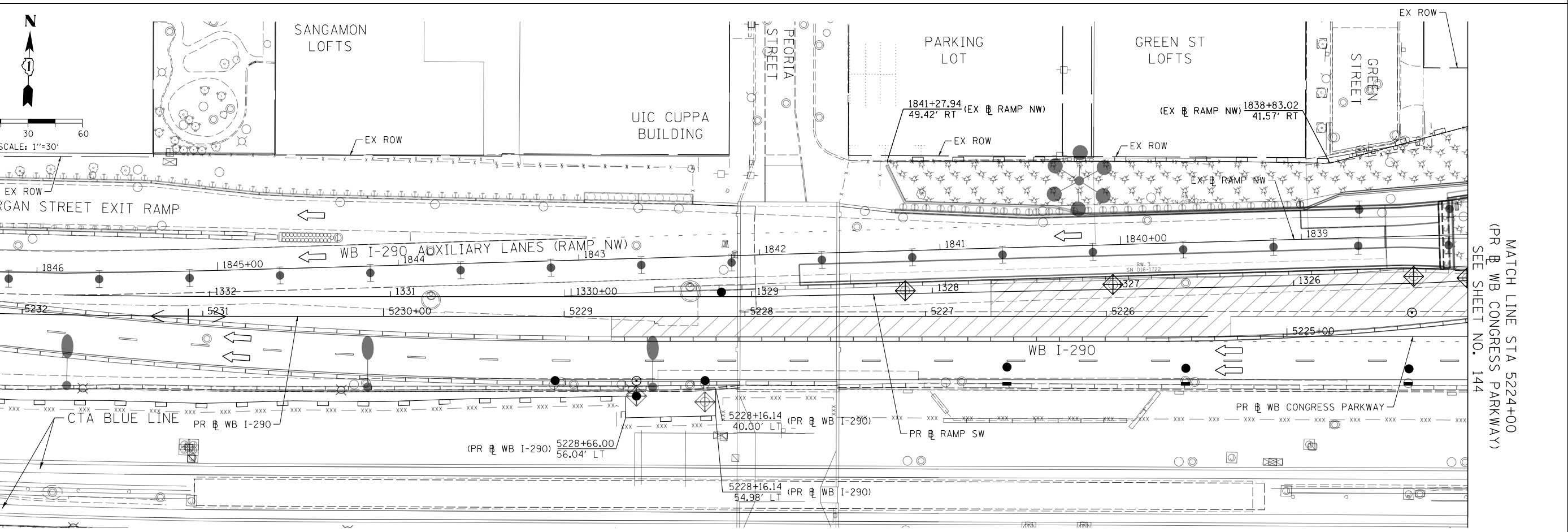
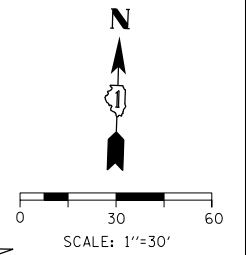
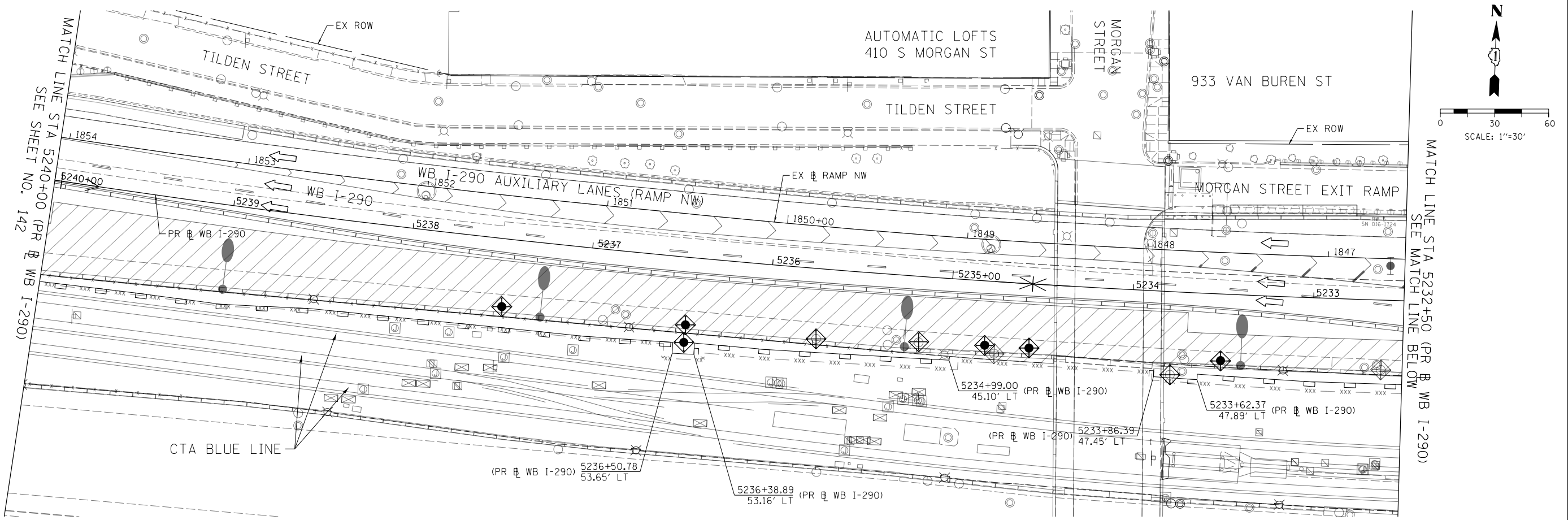
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REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE - STAGE 2A

SCALE: 1" = 30' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	142
CONTRACT NO. 60X77			ILLINOIS FED. AID PROJECT	



MATCH LINE STA 5224+00
(PR & WB CONGRESS PARKWAY)
SEE SHEET NO. 144

MATCH LINE STA 5232+50 (PR & WB I-290)
SEE MATCH LINE ABOVE



D160X77-sht-Eros-Staging-2A-02.dgn
USER NAME = dshevoz
PLOT SCALE = 60.0000' / in.
PLOT DATE = 3/15/2016

DESIGNED - AFC	REVISED -
DRAWN - ZND	REVISED -
CHECKED - DBM	REVISED -
DATE - 3/14/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE - STAGE 2A
SCALE: 1" = 30' SHEET 2 OF 3 SHEETS STA. TO STA.

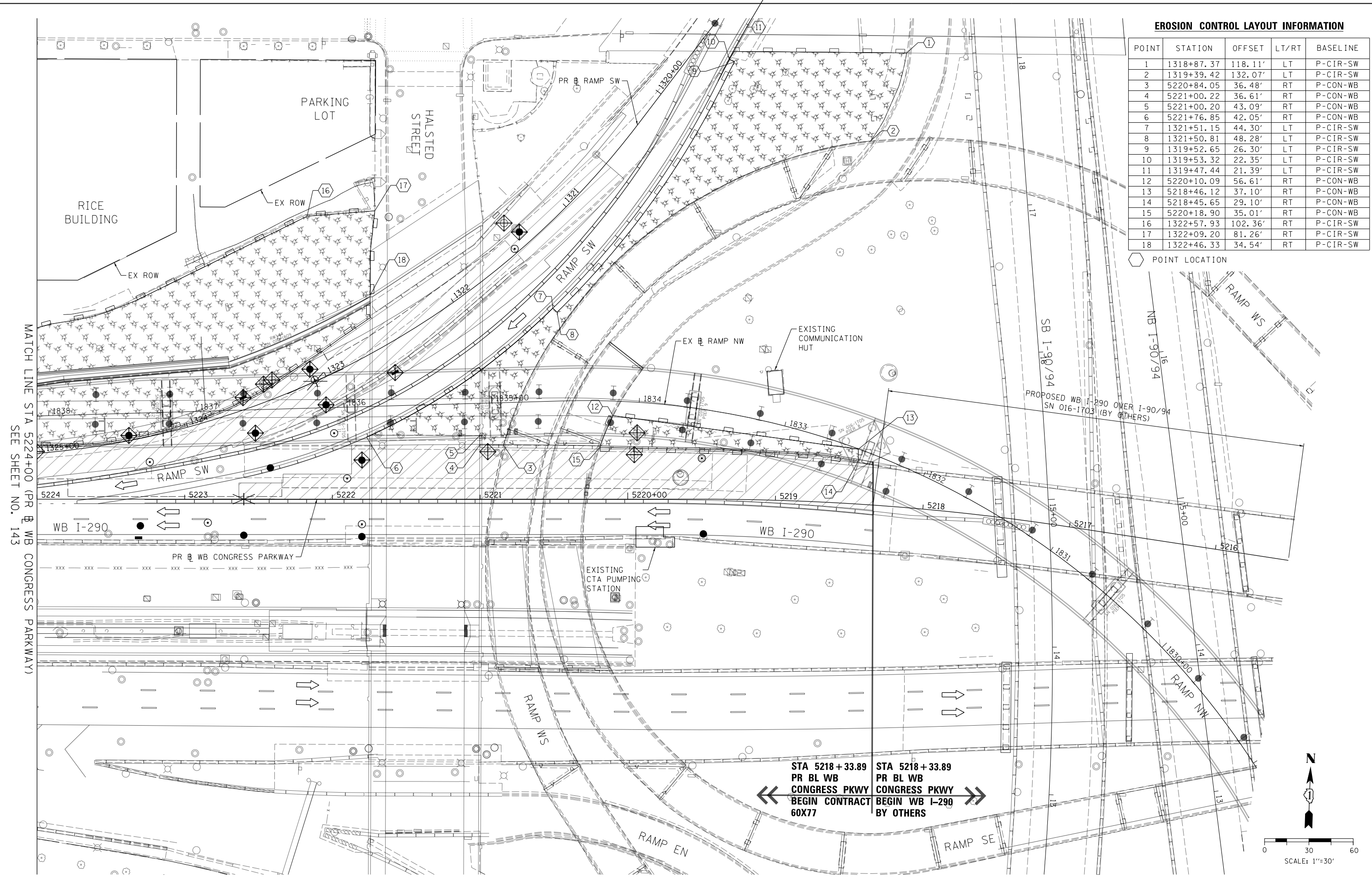
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	143
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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EROSION CONTROL LAYOUT INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	1318+87.37	118.11'	LT	P-CIR-SW
2	1319+39.42	132.07'	LT	P-CIR-SW
3	5220+84.05	36.48'	RT	P-CON-WB
4	5221+00.22	36.61'	RT	P-CON-WB
5	5221+00.20	43.09'	RT	P-CON-WB
6	5221+76.85	42.05'	RT	P-CON-WB
7	1321+51.15	44.30'	LT	P-CIR-SW
8	1321+50.81	48.28'	LT	P-CIR-SW
9	1319+52.65	26.30'	LT	P-CIR-SW
10	1319+53.32	22.35'	LT	P-CIR-SW
11	1319+47.44	21.39'	LT	P-CIR-SW
12	5220+10.09	56.61'	RT	P-CON-WB
13	5218+46.12	37.10'	RT	P-CON-WB
14	5218+45.65	29.10'	RT	P-CON-WB
15	5220+18.90	35.01'	RT	P-CON-WB
16	1322+57.93	102.36'	RT	P-CIR-SW
17	1322+09.20	81.26'	RT	P-CIR-SW
18	1322+46.33	34.54'	RT	P-CIR-SW

POINT LOCATION



MATCH LINE STA 5224+00 (PR) WB CONGRESS PARKWAY) SEE SHEET NO. 143

← STA 5218 + 33.89 PR BL WB CONGRESS PKWY BEGIN CONTRACT 60X77
 STA 5218 + 33.89 PR BL WB CONGRESS PKWY BEGIN WB I-290 BY OTHERS →

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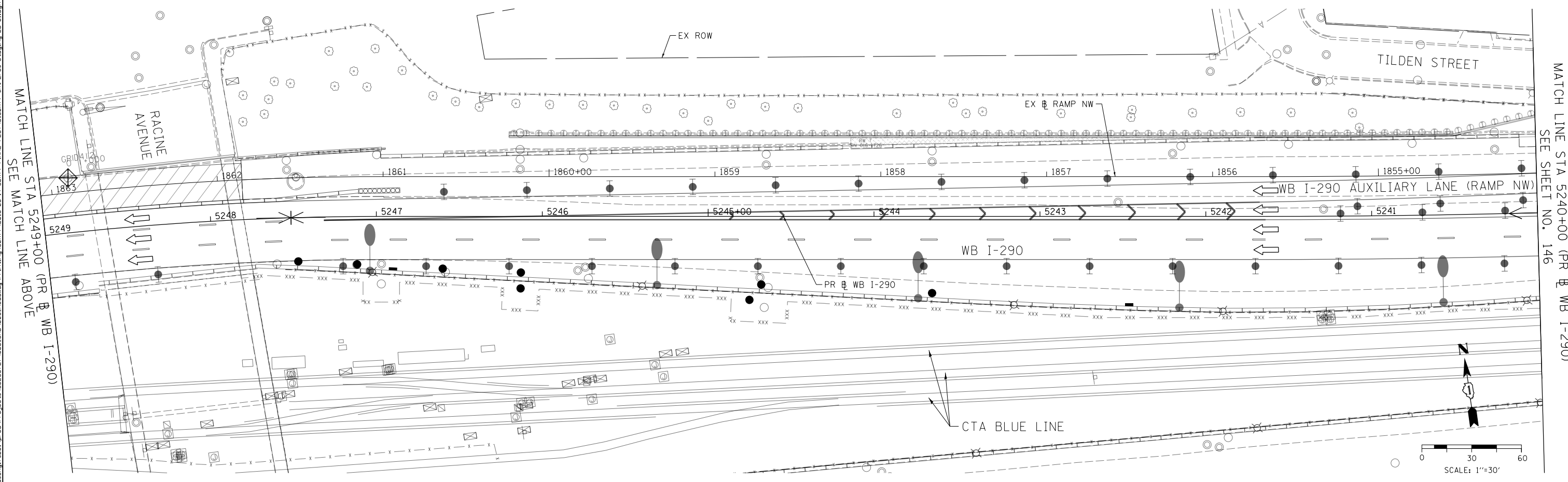
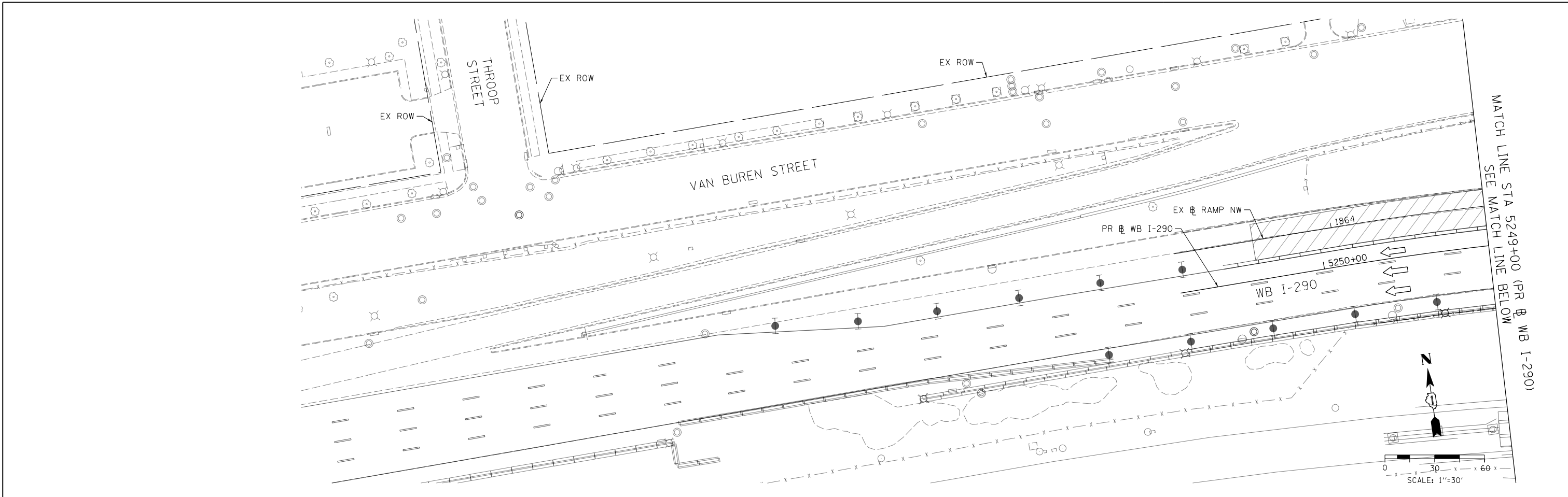
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 PLOT DATE = 3/15/2016

DESIGNED - AFC	REVISED -
DRAWN - ZND	REVISED -
CHECKED - DBM	REVISED -
DATE - 3/14/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE - STAGE 2A
 SCALE: 1" = 30' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	144
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



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 DATE - 3/14/2016

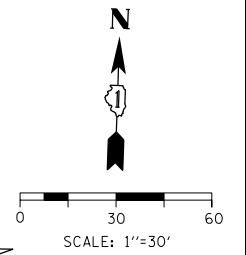
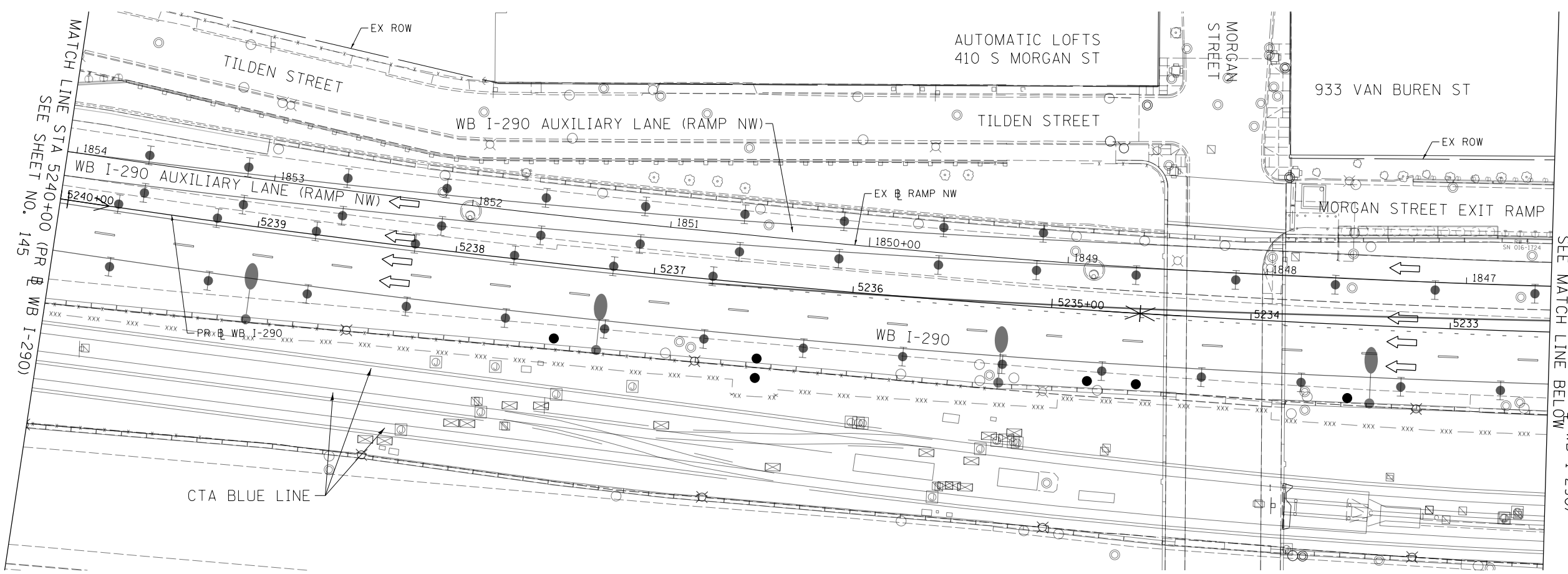
REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE - STAGE 2B

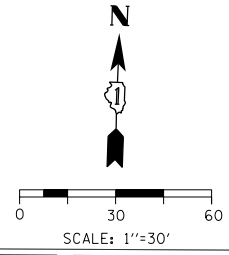
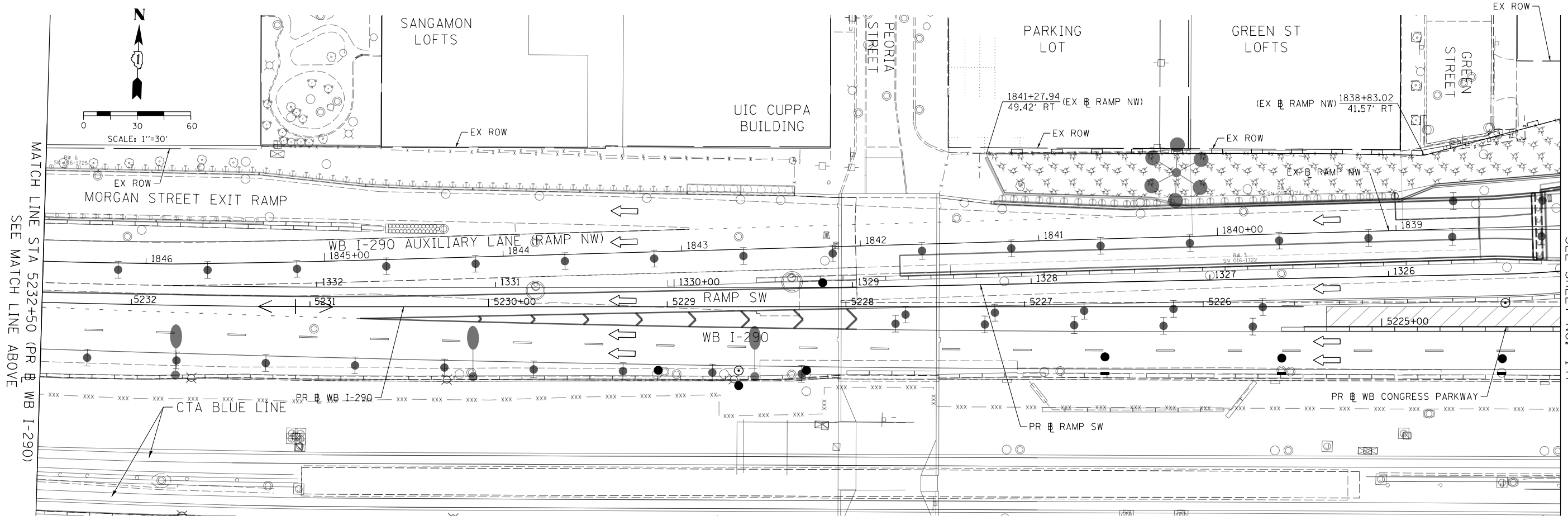
SCALE: 1" = 30' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	145
CONTRACT NO. 60X77			ILLINOIS FED. AID PROJECT	



MATCH LINE STA 5240+00 (PR & WB I-290)
SEE SHEET NO. 145

MATCH LINE STA 5232+50 (PR & WB I-290)
SEE MATCH LINE BELOW



MATCH LINE STA 5232+50 (PR & WB I-290)
SEE MATCH LINE ABOVE

MATCH LINE STA 5224+00
(PR & WB CONGRESS PARKWAY)
SEE SHEET NO. 147

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PLOT DATE = 3/15/2016

DESIGNED - AFC	REVISED -
DRAWN - ZND	REVISED -
CHECKED - DBM	REVISED -
DATE - 3/14/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE - STAGE 2B
SCALE: 1" = 30' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	146
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

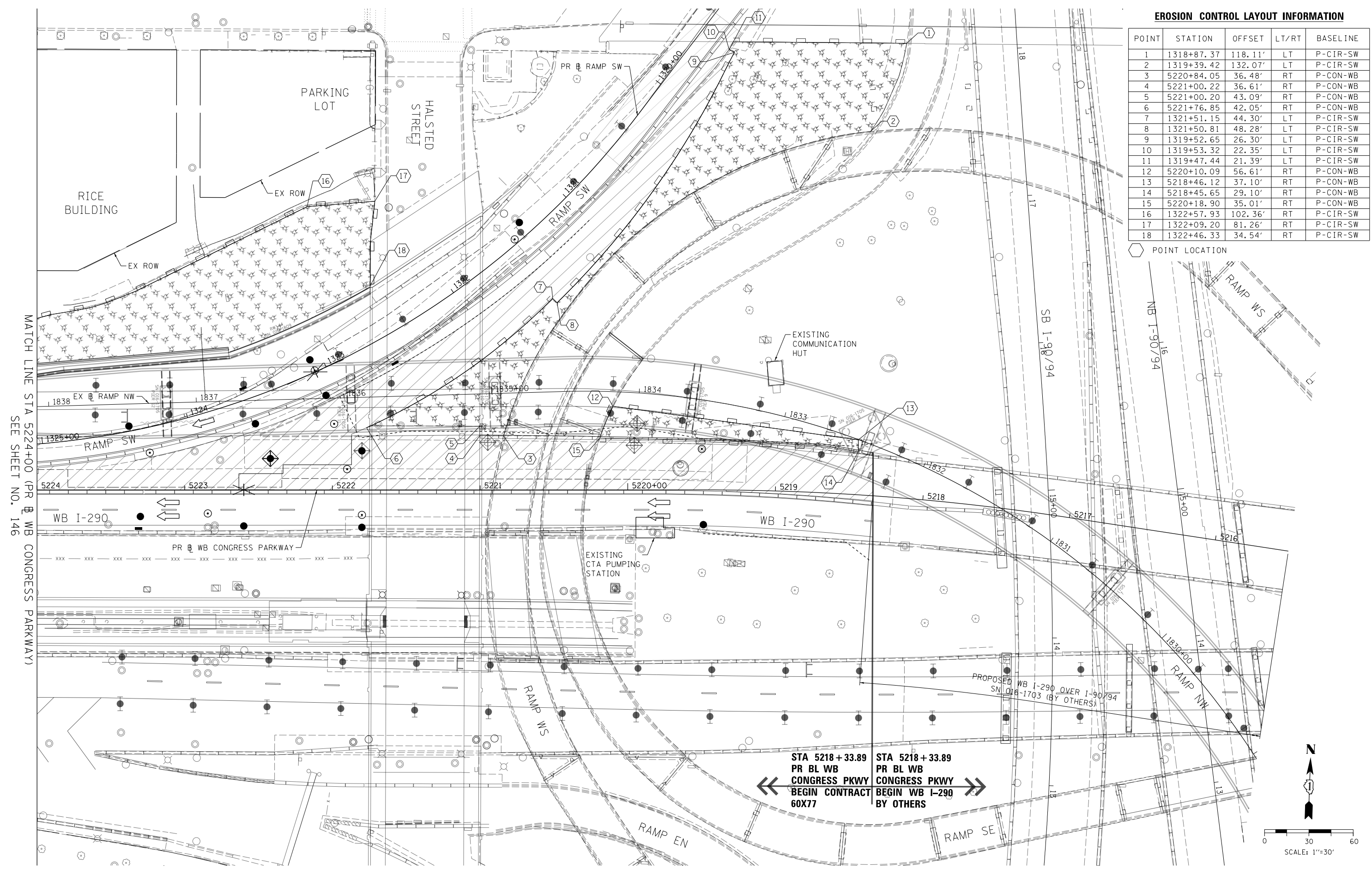
EROSION CONTROL LAYOUT INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	1318+87.37	118.11'	LT	P-CIR-SW
2	1319+39.42	132.07'	LT	P-CIR-SW
3	5220+84.05	36.48'	RT	P-CON-WB
4	5221+00.22	36.61'	RT	P-CON-WB
5	5221+00.20	43.09'	RT	P-CON-WB
6	5221+76.85	42.05'	RT	P-CON-WB
7	1321+51.15	44.30'	LT	P-CIR-SW
8	1321+50.81	48.28'	LT	P-CIR-SW
9	1319+52.65	26.30'	LT	P-CIR-SW
10	1319+53.32	22.35'	LT	P-CIR-SW
11	1319+47.44	21.39'	LT	P-CIR-SW
12	5220+10.09	56.61'	RT	P-CON-WB
13	5218+46.12	37.10'	RT	P-CON-WB
14	5218+45.65	29.10'	RT	P-CON-WB
15	5220+18.90	35.01'	RT	P-CON-WB
16	1322+57.93	102.36'	RT	P-CIR-SW
17	1322+09.20	81.26'	RT	P-CIR-SW
18	1322+46.33	34.54'	RT	P-CIR-SW

POINT LOCATION

MATCH LINE STA 5224+00 (PR & WB CONGRESS PARKWAY) SEE SHEET NO. 146

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STA 5218 + 33.89 PR BL WB CONGRESS PKWY BEGIN CONTRACT 60X77
 STA 5218 + 33.89 PR BL WB CONGRESS PKWY BEGIN WB I-290 BY OTHERS



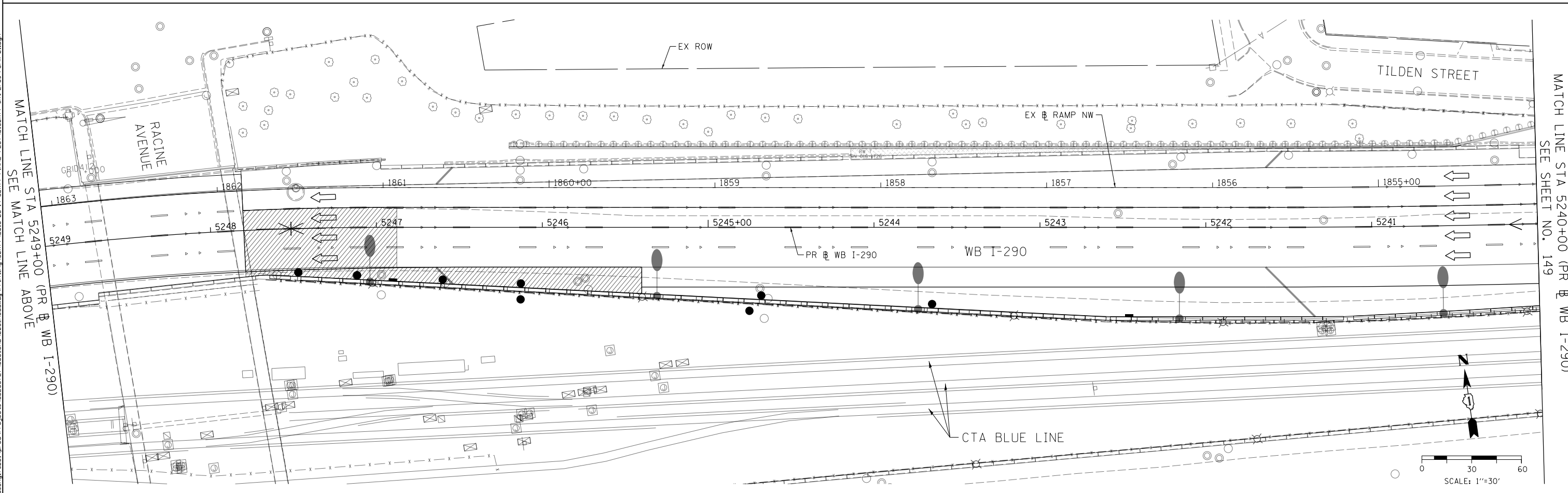
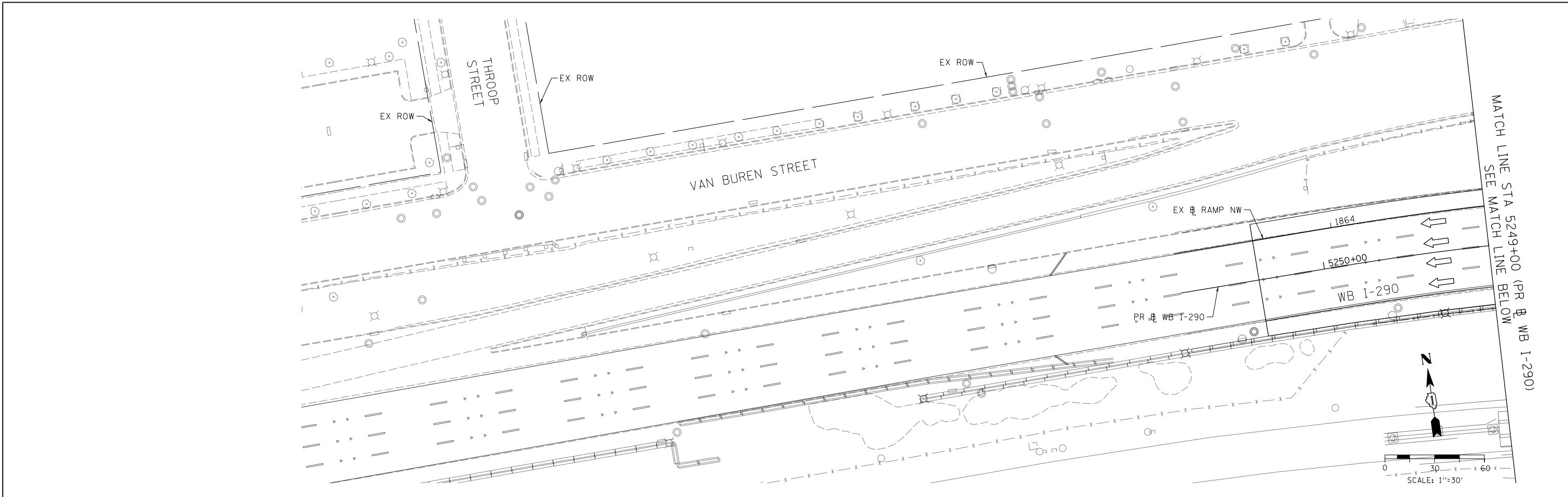
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 PLOT DATE = 3/15/2016

DESIGNED - AFC
 DRAWN - ZND
 CHECKED - DBM
 DATE - 3/14/2016

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE - STAGE 2B
 SCALE: 1" = 30' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	147
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



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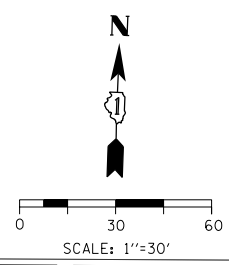
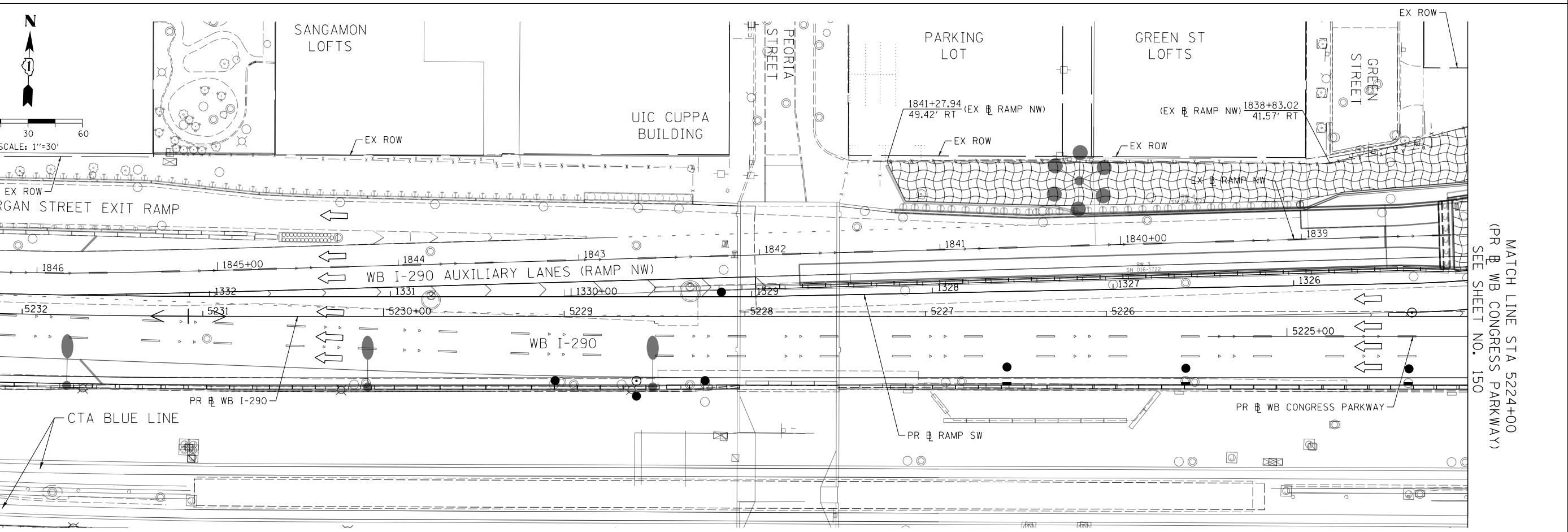
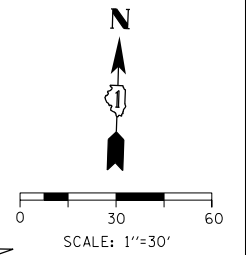
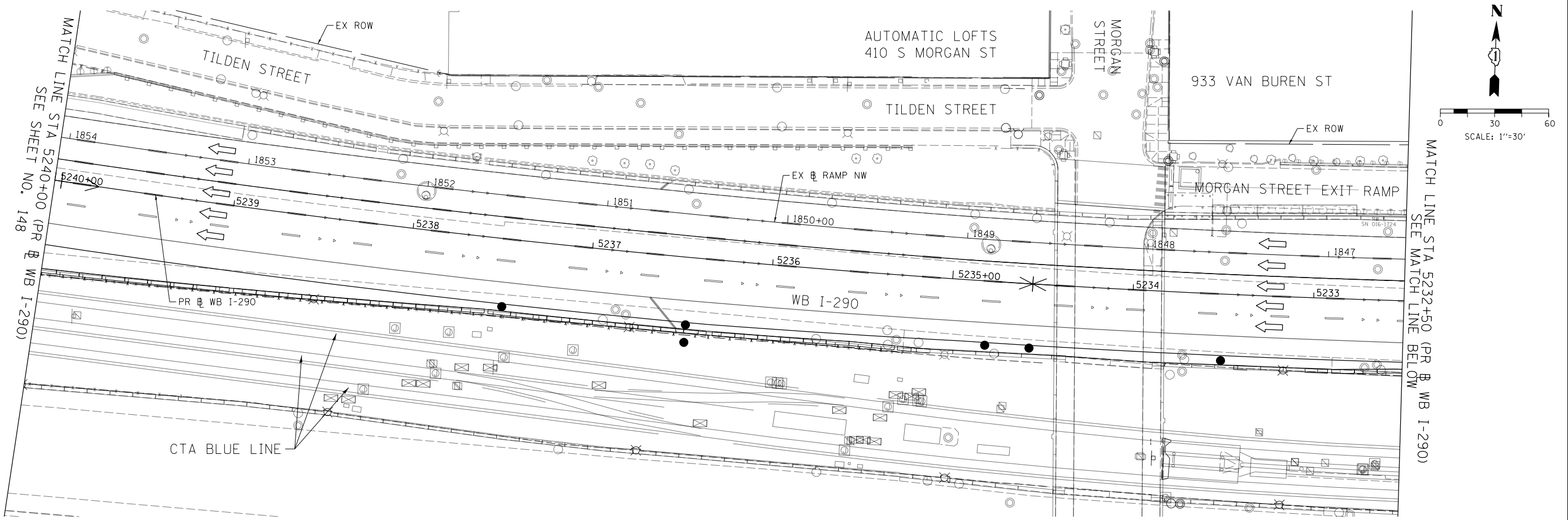
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DATE - 3/14/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PERMANENT EROSION AND SEDIMENTATION CONTROL PLAN
 WB I-290 MAINLINE**

SCALE: 1" = 30' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	148
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

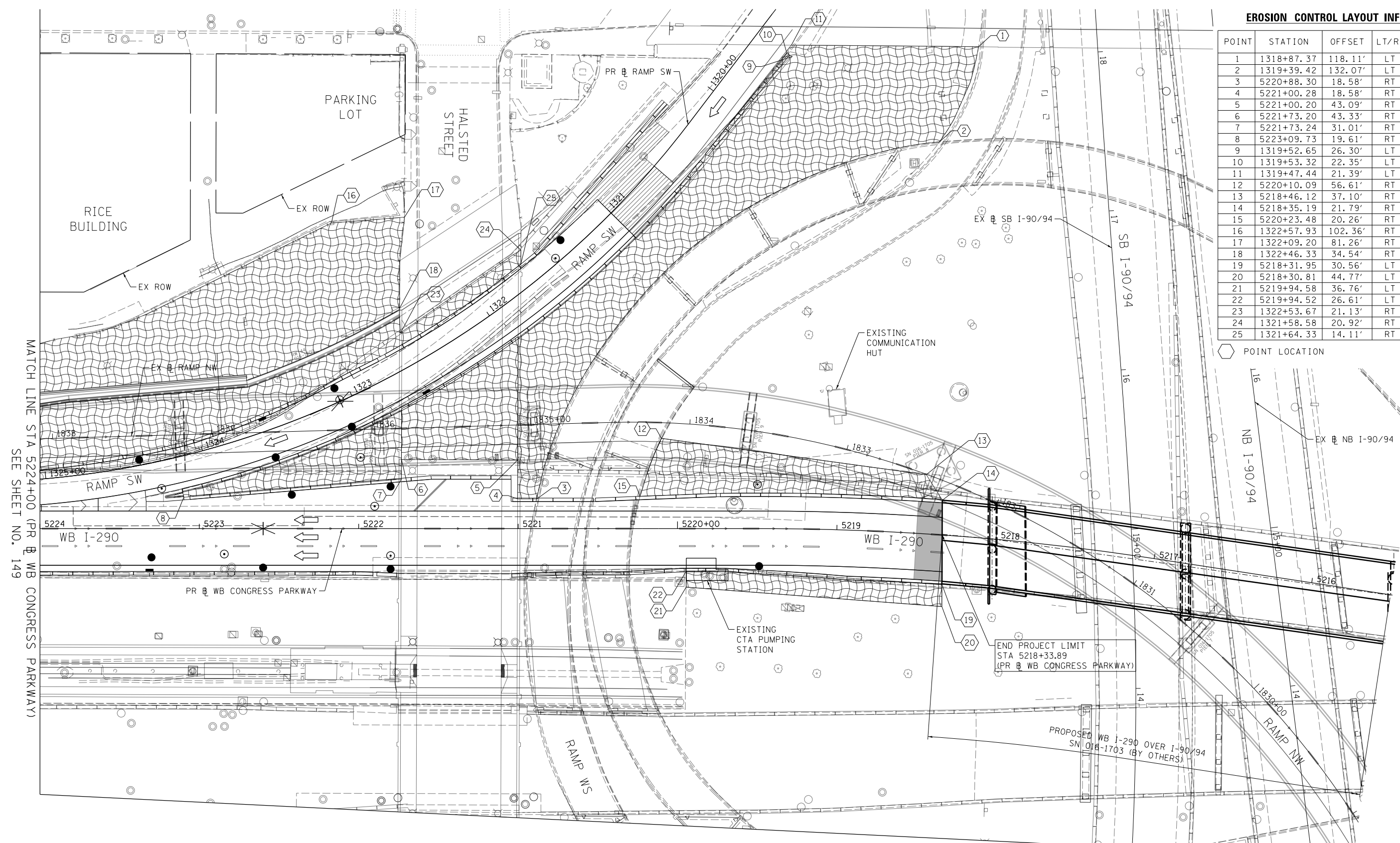
PERMANENT EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE
 SCALE: 1" = 30' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-003R&B	COUNTY COOK	TOTAL SHEETS 431	SHEET NO. 149
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

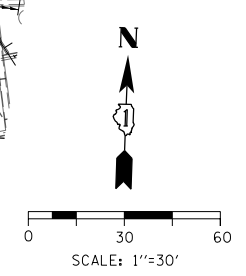
EROSION CONTROL LAYOUT INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	1318+87.37	118.11'	LT	P-CIR-SW
2	1319+39.42	132.07'	LT	P-CIR-SW
3	5220+88.30	18.58'	RT	P-CON-WB
4	5221+00.28	18.58'	RT	P-CON-WB
5	5221+00.20	43.09'	RT	P-CON-WB
6	5221+73.20	43.33'	RT	P-CON-WB
7	5221+73.24	31.01'	RT	P-CON-WB
8	5223+09.73	19.61'	RT	P-CON-WB
9	1319+52.65	26.30'	LT	P-CIR-SW
10	1319+53.32	22.35'	LT	P-CIR-SW
11	1319+47.44	21.39'	LT	P-CIR-SW
12	5220+10.09	56.61'	RT	P-CON-WB
13	5218+46.12	37.10'	RT	P-CON-WB
14	5218+35.19	21.79'	RT	P-CON-WB
15	5220+23.48	20.26'	RT	P-CON-WB
16	1322+57.93	102.36'	RT	P-CIR-SW
17	1322+09.20	81.26'	RT	P-CIR-SW
18	1322+46.33	34.54'	RT	P-CIR-SW
19	5218+31.95	30.56'	LT	P-CON-WB
20	5218+30.81	44.77'	LT	P-CON-WB
21	5219+94.58	36.76'	LT	P-CON-WB
22	5219+94.52	26.61'	LT	P-CON-WB
23	1322+53.67	21.13'	RT	P-CIR-SW
24	1321+58.58	20.92'	RT	P-CIR-SW
25	1321+64.33	14.11'	RT	P-CIR-SW

○ POINT LOCATION



MATCH LINE STA 13+00 (EX SB I-90/94)
SEE SHEET NO. 151



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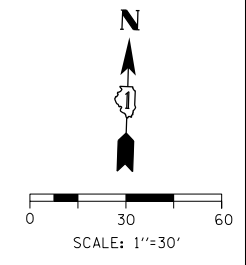
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

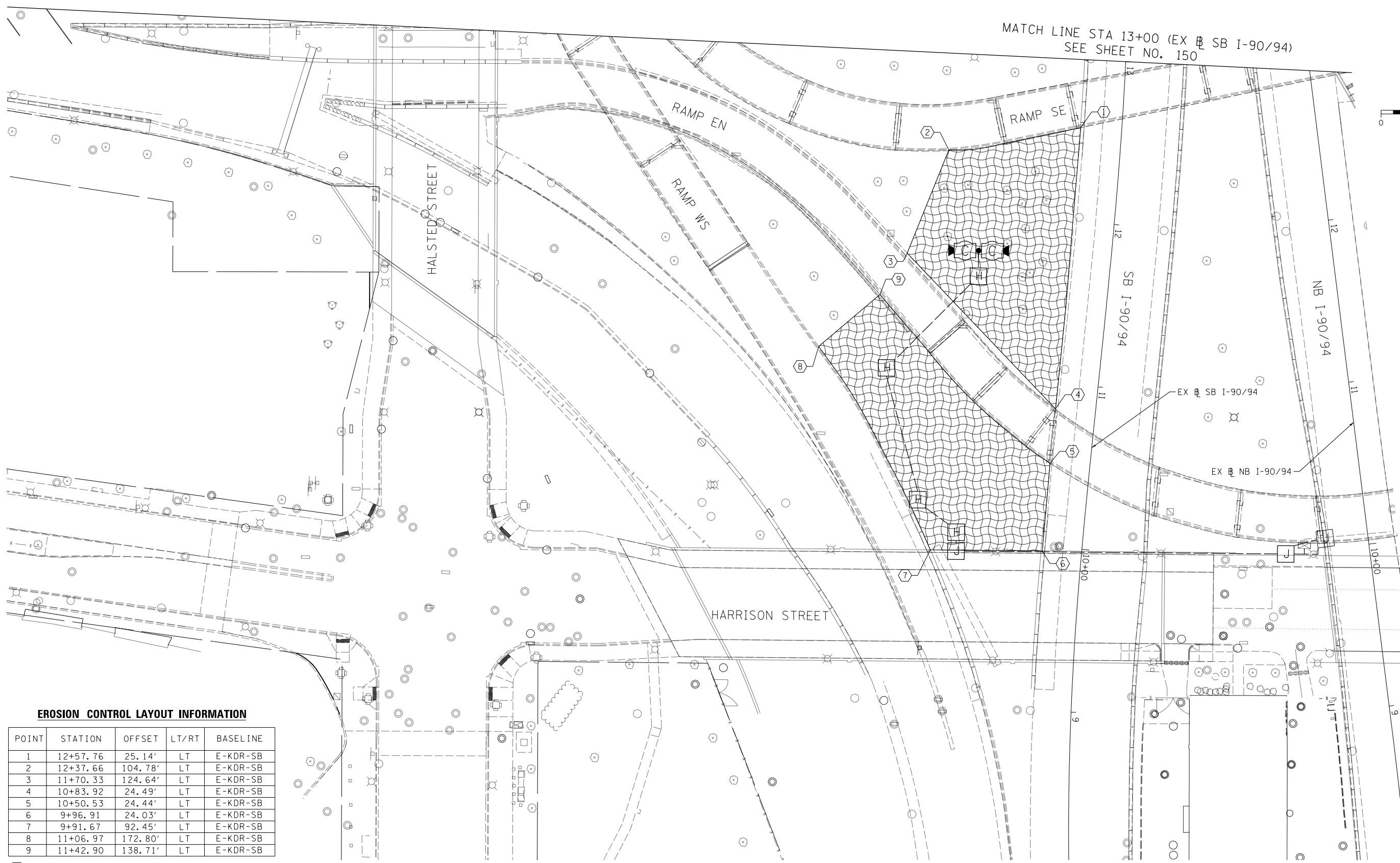
**PERMANENT EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE**

SCALE: 1" = 30' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	150
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 13+00 (EX # SB I-90/94)
SEE SHEET NO. 150



EROSION CONTROL LAYOUT INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	12+57.76	25.14'	LT	E-KDR-SB
2	12+37.66	104.78'	LT	E-KDR-SB
3	11+70.33	124.64'	LT	E-KDR-SB
4	10+83.92	24.49'	LT	E-KDR-SB
5	10+50.53	24.44'	LT	E-KDR-SB
6	9+96.91	24.03'	LT	E-KDR-SB
7	9+91.67	92.45'	LT	E-KDR-SB
8	11+06.97	172.80'	LT	E-KDR-SB
9	11+42.90	138.71'	LT	E-KDR-SB

○ POINT LOCATION

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D160X77-sht-Eros-Perm-04.dgn
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PLOT DATE = 3/15/2016

DESIGNED - AFC
DRAWN - ZND
CHECKED - DBM
DATE - 3/14/2016

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PERMANENT EROSION AND SEDIMENTATION CONTROL PLAN
WB I-290 MAINLINE**
SCALE: 1" = 30' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	151
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

DRAINAGE AND UTILITIES GENERAL NOTES

1. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR MUST FIELD VERIFY HORIZONTAL AND VERTICAL POSITION OF ALL EXISTING UTILITIES.
2. SEE LIGHTING AND ITS PLANS FOR ADDITIONAL UTILITY INFORMATION.
3. A CONCRETE COLLAR SHALL BE PROVIDED ACCORDING TO IDOT DISTRICT 1 STANDARD BD-07 AT LOCATIONS WHERE THE PROPOSED PIPE IS TO CONNECT TO:
 - A. AN EXISTING PIPE
 - B. A PIPE PREVIOUSLY INSTALLED UNDER THIS CONTRACT
 - C. A PORTION OF PIPE INSTALLED IN A PREVIOUS STAGE OF CONSTRUCTION

CONCRETE COLLAR WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWERS.
4. IN PREVIOUS CONTRACT 60X61, STUBS OF PERPENDICULAR STORM SEWER PIPE WERE INSTALLED AND PLUGGED. THE CONTRACTOR IN THIS CONTRACT SHALL REMOVE THE EXISTING PLUGS TO INSTALL THE CONNECTION OF THE STORM SEWER PIPES. ALL WORK IS INCLUDED IN THE COST OF THE STORM SEWERS.
5. THE CONTRACTOR SHALL PROVIDE TEMPORARY PLUGS DURING STAGING WHEN ONLY PORTIONS OF THE STORM SEWER PIPES ARE BEING INSTALLED. ALL MATERIALS AND WORK ASSOCIATED IS INCLUDED IN THE COST OF THE STORM SEWERS.
6. REFER TO THE CTA DRAINAGE PLAN FOR PROPOSED DRAINAGE ITEMS SOUTH OF THE CONCRETE BARRIER WALLS. SEE SHEET NO. 160 TO 162 .
7. FOR THE INSTALLATION OF THE DRAINAGE STRUCTURES AND STORM SEWER PIPES ALONG THE CTA, THE CONTRACTOR SHALL GRADE THE BALLAST TO ALLOW POSITIVE DRAINAGE INTO THE STRUCTURES. ALL WORK AND MATERIALS ARE INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE ITEMS.
8. THE EXISTING UTILITIES SHOWN ON THE DRAINAGE AND UTILITY PROFILE ARE APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND DEPTHS OF THESE EXISTING UTILITIES.
9. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
10. DRAINAGE GRADES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS.
11. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON JOB SITE DURING CONSTRUCTION.
12. EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND THE SUE SURVEYS. ALL UNDERGROUND UTILITIES MUST BE CONSIDERED APPROXIMATE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN IN THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL BE AT THE CONTRACTORS EXPENSE.
14. THE CONTRACTOR SHALL COORDINATE WORK WITH RAILROADS AND UTILITIES IN ADVANCE OF WORKING IN THE VICINITY OF THEIR FACILITIES AND ALLOW SUFFICIENT TIME FOR THEM TO PERFORM ADJUSTMENTS TO THEIR FACILITIES IN ACCORDANCE WITH THE CONTRACTORS SCHEDULE. THIS WORK WILL BE AT THE CONTRACTORS EXPENSE. COORDINATION EFFORTS SHALL BE INCLUDED IN THE COST OF THE CONTRACT BID PRICE.

15. THE OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR DRAINAGE STRUCTURES WERE DETERMINED USING THE CRITERIA LISTED BELOW UNLESS OTHERWISE NOTED:
 - A. THE OFFSETS TO ALL INLETS AND CATCH BASINS IN ROADWAYS WITH BARRIER WALL ARE TO THE EDGE OF SHOULDER.
 - B. THE OFFSETS TO ALL INLETS AND CATCH BASINS IN CURBED ROADWAYS ARE TO THE EDGE OF PAVEMENT OR EDGE OF SHOULDER. STRUCTURES LOCATED IN THE GUTTER SHALL BE TURNED SO THAT THE FRAME IS FURTHEST FROM THE CENTER LINE OF THE ROAD UNLESS OTHERWISE NOTED ON THE PLANS.
 - C. THE OFFSETS TO MANHOLES, STRUCTURES IN GORE AREAS, AND STRUCTURES IN INFIELD AREAS ARE TO THE CENTER OF THE STRUCTURE.
 - D. THE OFFSETS TO INLETS AND CATCH BASINS IN CONCRETE GUTTER ARE TO BE THE FLOWLINE.
16. STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT AND THE VERTICAL SEPARATION IS LESS THAN 1.5 FT. DUCTILE IRON PIPE WITH RUBBER GASKET JOINTS SHALL BE USED FOR ALL STORM SEWERS (WATER MAIN REQUIREMENTS).
17. ALL PROPOSED PIPE CONNECTIONS INTO AN EXISTING DRAINAGE STRUCTURE SHALL BE CORE DRILLED AND INCLUDED IN THE COST OF STORM SEWERS.
18. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
19. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY ACCORDING TO ART. 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
20. ANY DAMAGES TO THE CONDUITS OR PIPES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.
21. THE CONTRACTOR MUST CALL THE IDOT ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT FACILITY CABLES.
22. QUANTITIES OF 100 FEET OF EXPLORATION TRENCH 72" DEPTH AND 50 FEET OF EXPLORATION TRENCH, SPECIAL HAVE BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF PHYSICALLY LOCATING ANY UTILITY OR OBSTRUCTION. THE ENGINEER SHALL APPROVE THE LOCATIONS OF THE EXPLORATION TRENCHES BEFORE ANY EXCAVATION MAY BEGIN.

CITY OF CHICAGO DRAINAGE AND UTILITIES GENERAL NOTES

1. THE LOCATIONS AND ELEVATIONS OF EXISTING SEWERS AND SEWER STRUCTURES SHOWN ON THE PLANS AND PROFILES HAVE BEEN OBTAINED FROM DRAWINGS AND ATLASES AND THE INFORMATION IS NOT GUARANTEED. THE RESIDENT ENGINEER AND THE CONTRACTOR SHALL FIELD VERIFY THE CITYS EXISTING SEWER FACILITIES INCLUDING PUBLIC AND PRIVATE DRAIN CONNECTIONS IN THE LIMITS OF THE REFERENCED PROJECT FOR ANY CONFLICTS DUE TO THE PROPOSED IMPROVEMENTS. ANY CONFLICT SHOULD BE RESOLVED WITH THE DEPARTMENT OF WATER MANAGEMENT PRIOR TO START OF CONSTRUCTION.
2. IN LOCATIONS WHERE THE MAIN SEWER IS NOT BEING REPLACED AND THE EXISTING DRAINAGE FACILITIES ARE DISTURBED OR DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, IT WILL BE THE CONTRACTORS RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS/HER EXPENSE TO THE SATISFACTION OF THE DEPARTMENT OF WATER MANAGEMENT. THE SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES.
3. THERE ARE VARIOUS WATER MAINS AND APPURTENANCES WITHIN THE LIMITS OF THIS PROJECT. ALL PROPOSED ELECTRICAL FACILITIES MUST BE INSTALLED IN SUCH A MANNER TO PROVIDE A MINIMUM FIVE (5) FEET HORIZONTAL AND EIGHTEEN (18) INCHES VERTICAL CLEARANCE FROM ALL EXISTING WATER FACILITIES. NO PROPOSED ABOVE GROUND FACILITY (TREE, PLANTER BOX, LIGHT POLE, ETC.) CAN BE CLOSER THAN FIVE (5) FEET (EDGE-TO-EDGE) FROM A WATER MAIN, WATER SERVICE, OR WATER STRUCTURE.
4. IN CASE OF ANY DAMAGE TO THE CITY'S SEWER SYSTEM, PRIVATE AND PUBLIC DRAIN CONNECTIONS, THE CONTRACTOR SHALL CONTACT THE CHICAGO DEPARTMENT OF WATER MANAGEMENT IMMEDIATELY AT (312) 747-8117 OR (312) 747-7893. THE CONTRACTOR SHALL AT HIS/HER OWN EXPENSE, REPLACE THE AFFECTED SEWERS, DRAIN CONNECTIONS, AND SEWER STRUCTURES AS NECESSARY. THE SEWER FLOW MUST BE MAINTAINED AT ALL TIMES.
5. CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT UNLESS SPECIFICALLY IDENTIFIED FOR REMOVAL, RECONSTRUCTION, OR ADJUSTMENT WITHIN THESE PLANS.
6. THE ENGINEER AND THE CONTRACTOR SHALL FIELD-VERIFY THE CITY'S EXISTING SEWER FACILITIES INCLUDING PUBLIC AND PRIVATE DRAIN CONNECTIONS IN THE LIMITS OF THE REFERENCED PROJECT FOR ANY CONFLICTS DUE TO THE PROPOSED IMPROVEMENTS. ANY CONFLICT SHOULD BE RESOLVED WITH THE CDWM PRIOR TO THE START OF CONSTRUCTION.
7. AS-BUILT PLANS MUST BE SUBMITTED RIGHT AFTER WORK COMPLETION. FINAL PAYMENT SHALL NOT BE MADE TO THE CONTRACTOR UNTIL THE DEPARTMENT OF WATER MANAGEMENT ACKNOWLEDGES RECEIPT OF AS-BUILT PLANS.
8. IF CONSTRUCTION REQUIRES THE USE OF WATER FROM A CITY FIRE HYDRANT, OR ADJUSTMENTS OR REPAIRS ARE REQUIRED TO ANY CITY SEWER FACILITIES IN PROXIMITY TO THE PROJECT SITE, PERMITS MUST BE OBTAINED FROM THE CDWM, WATER, AND SEWER SECTIONS.
9. THERE ARE NUMEROUS MANHOLES, CATCH BASINS, AND INLETS WHICH MUST BE PROTECTED FROM ENTRY OF ASPHALT/DEBRIS INTO THE SEWER SYSTEM DURING CONSTRUCTION. THE CONTRACTOR SHALL MARK LOCATIONS OF ALL SEWER STRUCTURES ON THE SIDEWALK BEFORE STARTING PAVEMENT REMOVAL/REPLACEMENT. ALL NECESSARY ADJUSTMENTS TO SEWER FACILITIES, INCLUDING VERTICAL ADJUSTMENT OF FRAMES AND LIDS, SHALL BE INCLUDED IN THE CONTRACT AND PERFORMED BY THE CONTRACTOR PRIOR TO STREET RESURFACING. PLEASE CONTACT THOMAS MENDOZA AT THOMAS.MENDOZA@CITYOFCHICAGO.ORG OR AT (312) 747-4680 REGARDING FINAL INSPECTION OF ALL SEWER FACILITIES.
10. A PERMIT FROM THE CDWM SHOULD BE OBTAINED IN ADVANCE FOR ANY UNDERGROUND SEWER WORK INCLUDING ADJUSTMENT OF STRUCTURES, REMOVAL OR REPLACEMENT OF FRAMES AND LIDS, TELEVISION SURVEYS, CLEANING, LINING AND INSPECTIONS BY A LICENSED SEWER CONTRACTOR AT 333 S. STATE STREET, SUITE 410, CHICAGO, ILLINOIS 60604.

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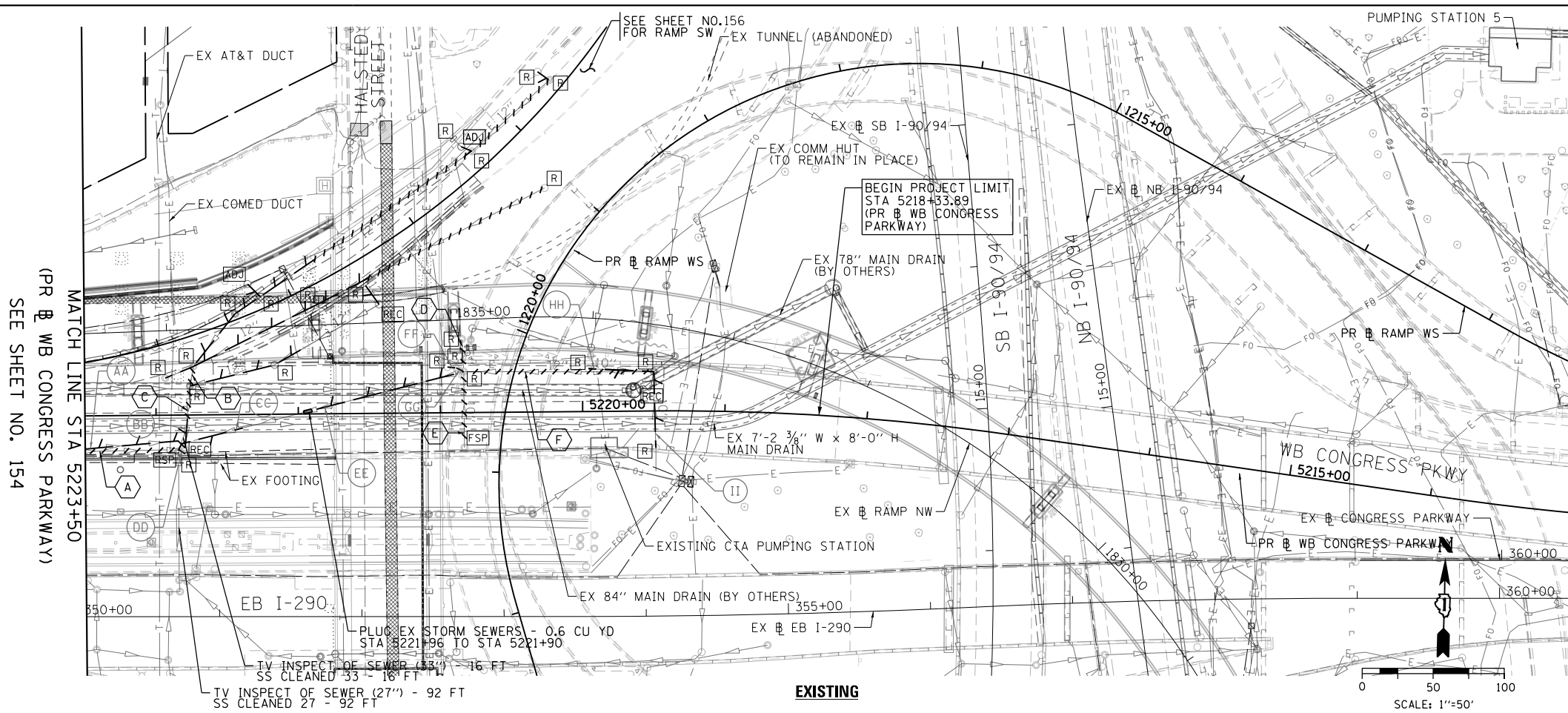
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES GENERAL NOTES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	152
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 5223+50
(PR WB CONGRESS PARKWAY)
SEE SHEET NO. 154

MATCH LINE STA 5223+50
(PR WB CONGRESS PARKWAY)
SEE SHEET NO. 154

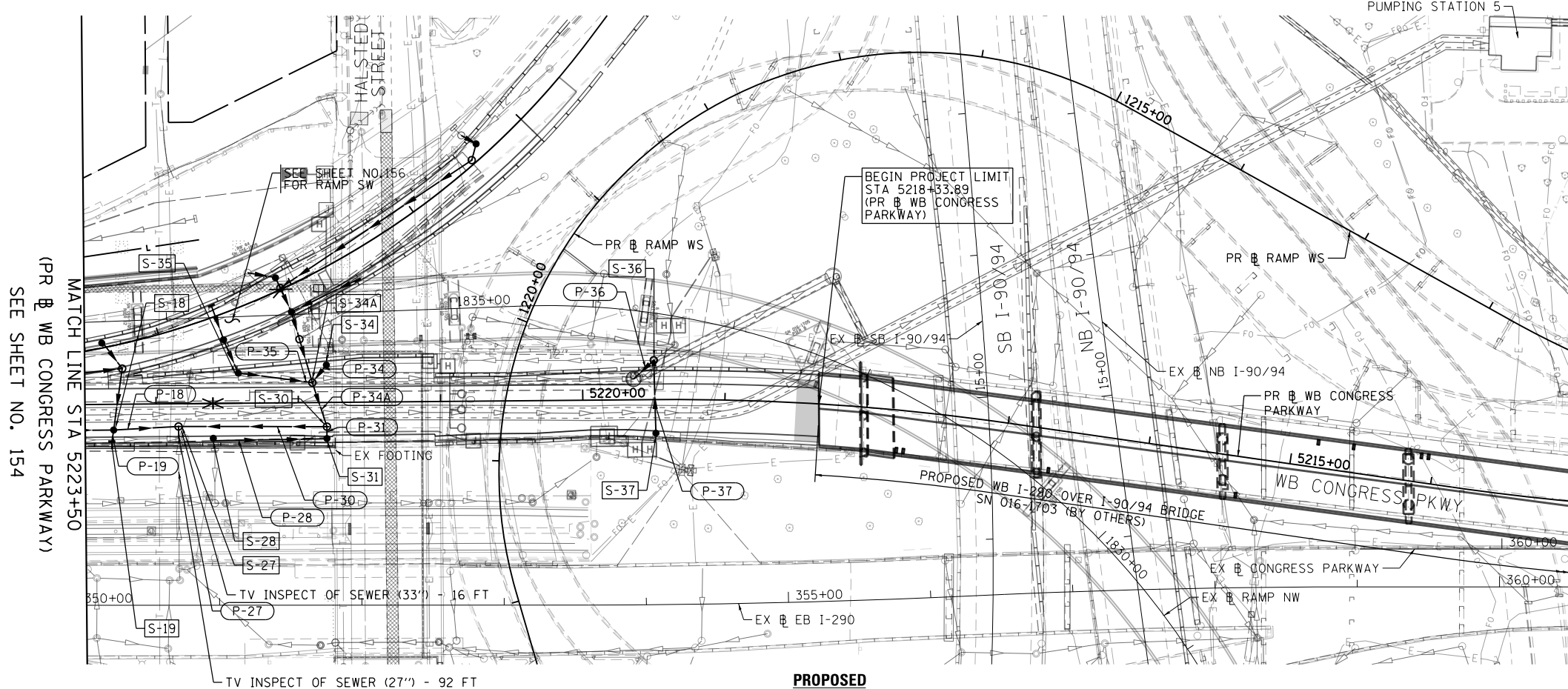
ABANDON AND FILL EXISTING STORM SEWER

POINT	PAY ITEM	LENGTH	STATION RANGE			
A	ABANDON FILL SS (15")	66 FT	5223+50	25.1' LT	5222+84	24.4' LT
B	ABANDON FILL SS (15")	14 FT	5222+74	34.0' RT	5222+76	20.3' RT
C	ABANDON FILL SS (15")	26 FT	5222+76	20.3' RT	5222+78	2.8' LT
D	ABANDON FILL SS (15")	24 FT	5220+84	51.8' RT	5220+83	28.8' RT
E	ABANDON FILL SS (10")	54 FT	5220+83	24.7' LT	5220+83	28.8' RT
F	ABANDON FILL SS (12")	134 FT	5219+50	27.7' RT	5220+83	28.8' RT

STORM SEWER REMOVAL

POINT	PAY ITEM	QUANTITY	STATION RANGE			
			BEGIN STA	OFFSET	END STA	OFFSET
AA	STORM SEWER REM 15	75 FT				
	TBF	11.3 CU YD				
BB	STORM SEWER REM 15	21 FT	5222+78	2.8' LT	5222+80	23.1' LT
	TBF	9.5 CU YD				
CC	STORM SEWER REM 21	50 FT	5222+39	9.5' LT	5222+84	24.4' LT
	TBF	21.8 CU YD				
DD	STORM SEWER REM 10	6 FT				
	TBF	0.0 CU YD				
EE	STORM SEWER REM 21	111 FT	5220+83	28.8' RT	5221+90	2.5' RT
	TBF	66.6 CU YD				
FF	STORM SEWER REM 10	7 FT				
	TBF	0.0 CU YD				
GG	STORM SEWER REM 10	6 FT				
	TBF	0.0 CU YD				
HH	STORM SEWER REM 10	46 FT				
	TBF	0.0 CU YD				
II	STORM SEWER REM 10	54 FT				
	TBF	0.0 CU YD				

* STATION RANGE ARE ONLY PROVIDED AT LOCATIONS WHERE THE STORM SEWER PIPE WILL BE PARTIALLY REMOVED.



MATCH LINE STA 5223+50
(PR WB CONGRESS PARKWAY)
SEE SHEET NO. 154



D16077-Sht-Drain-03.dgn
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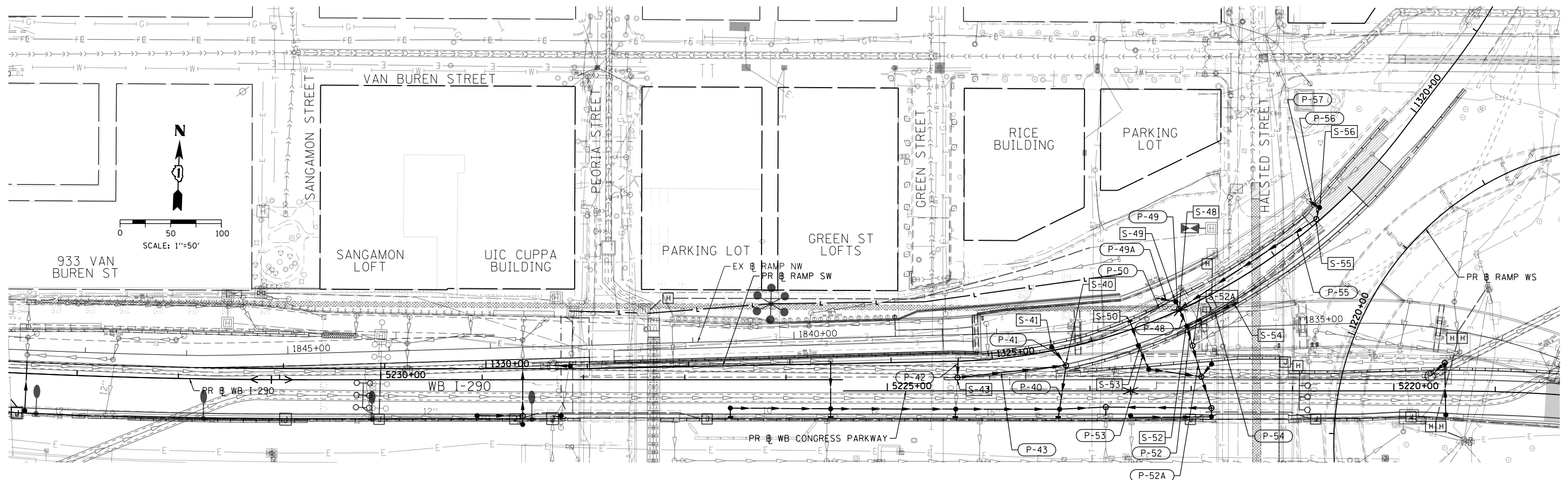
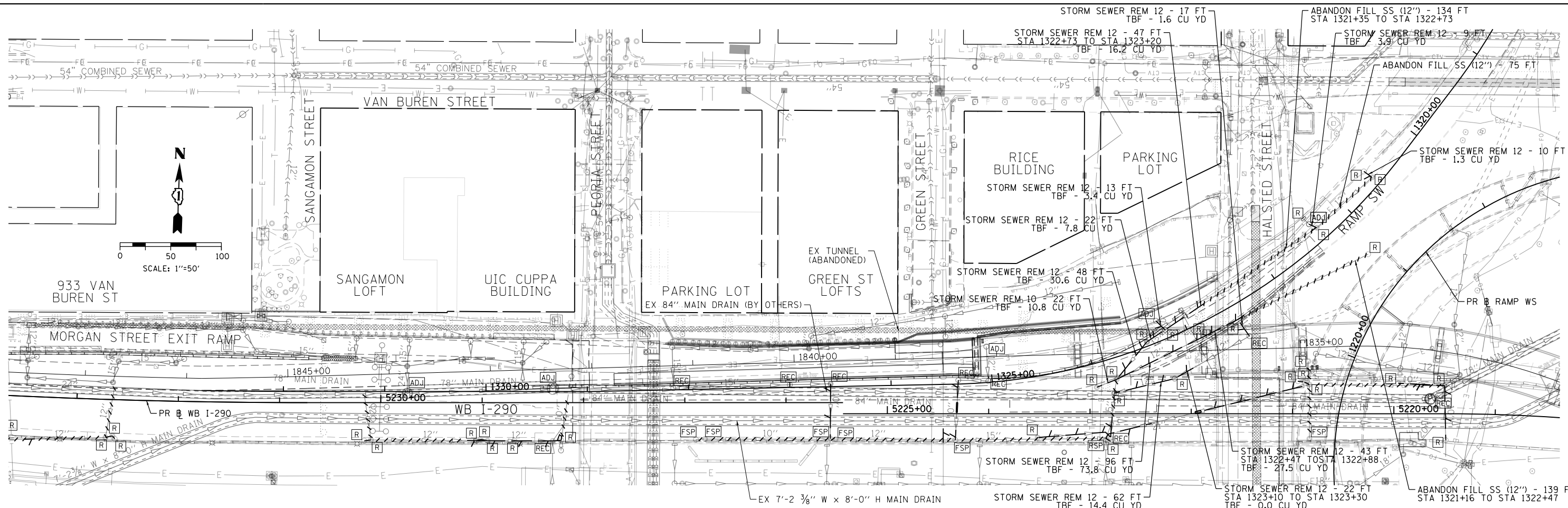
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED DRAINAGE AND UTILITY PLAN
WB I-290 MAINLINE**

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 5223+00 TO STA. 5218+33.89

F.A.I. RTE. 90/94/290	SECTION 2014-003R&B	COUNTY COOK	TOTAL SHEETS 431	SHEET NO. 155
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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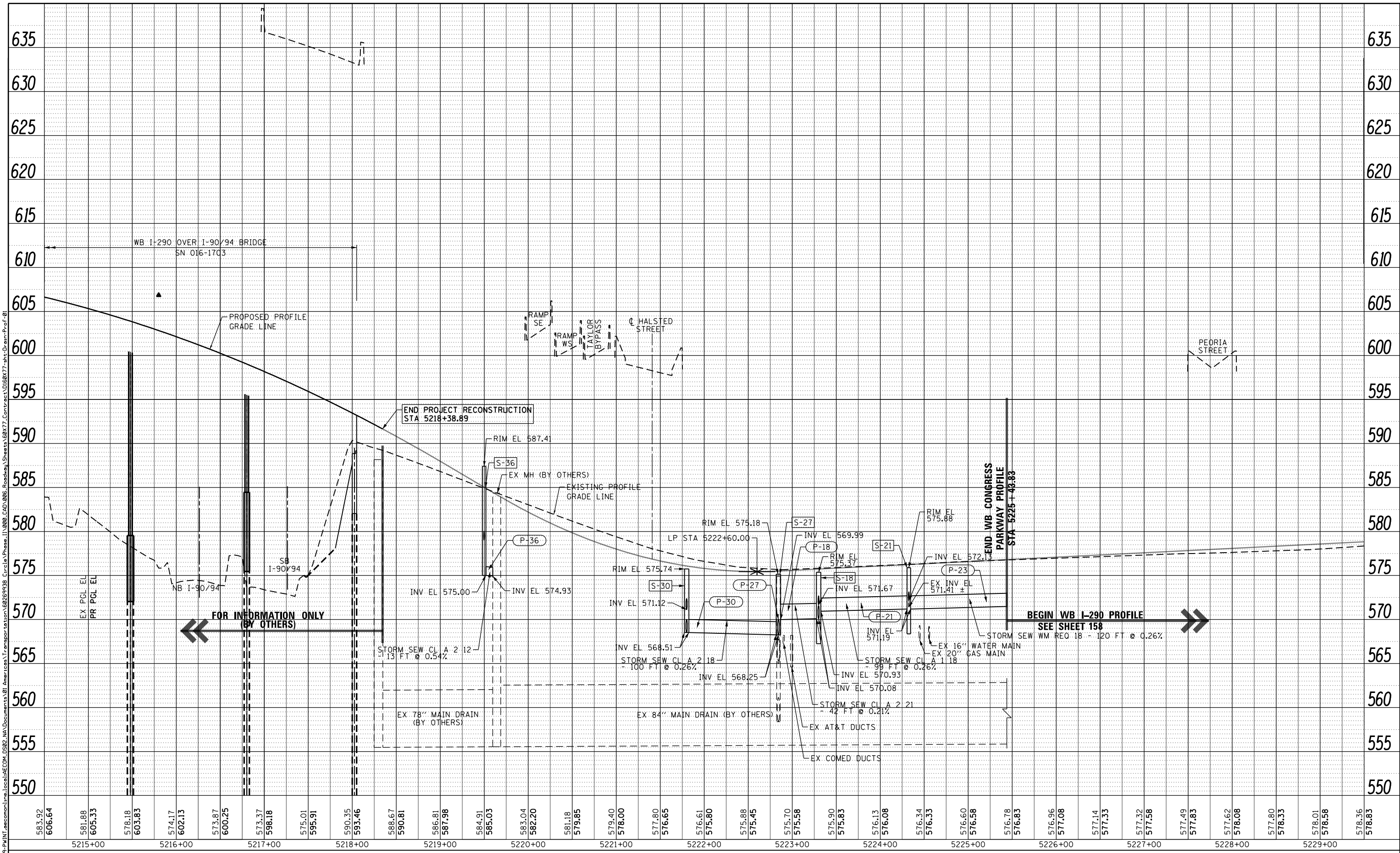
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE AND UTILITY PLAN
 RAMP SW
 SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 5238+25 TO STA. 5220+75

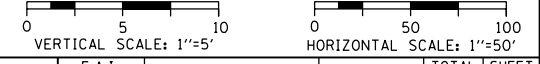
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CONTRACT NO. 60X77				ILLINOIS FED. AID PROJECT

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

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



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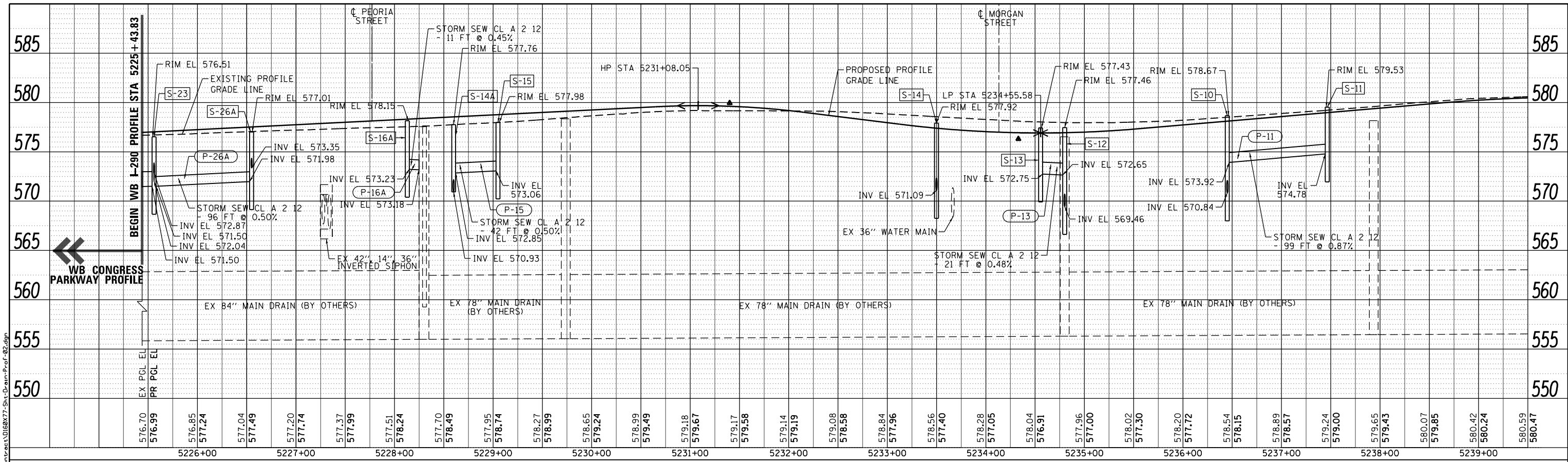
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

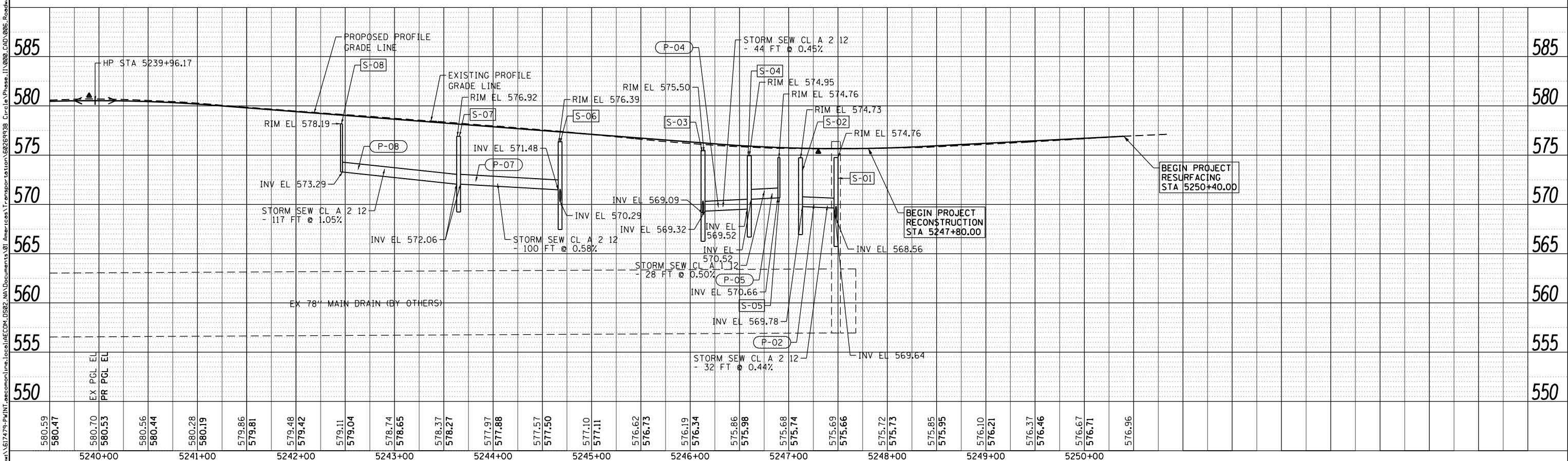
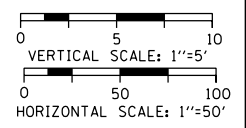
DRAINAGE AND UTILITY PROFILE
 WB CONGRESS PARKWAY (PR BL WB CONGRESS)

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	157
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



**WB I-290
(PR BL WB I-290)**



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PROFILE
WB I-290 (PR BL WB I-290)**

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 5225+44 TO STA. 5250+02

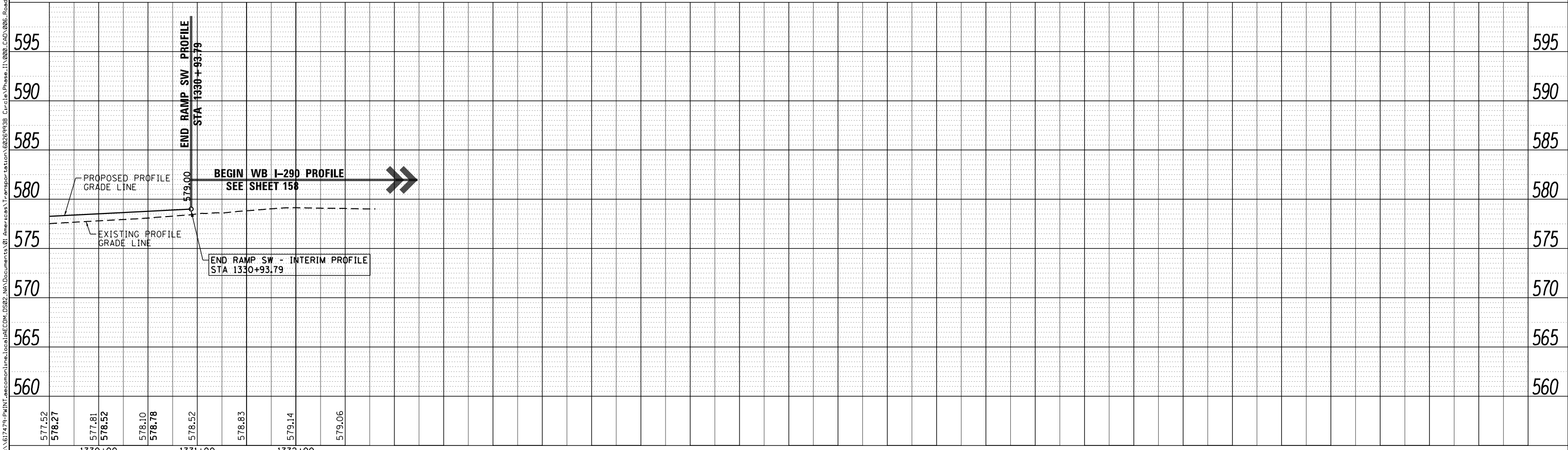
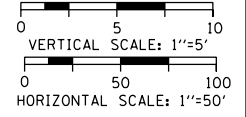
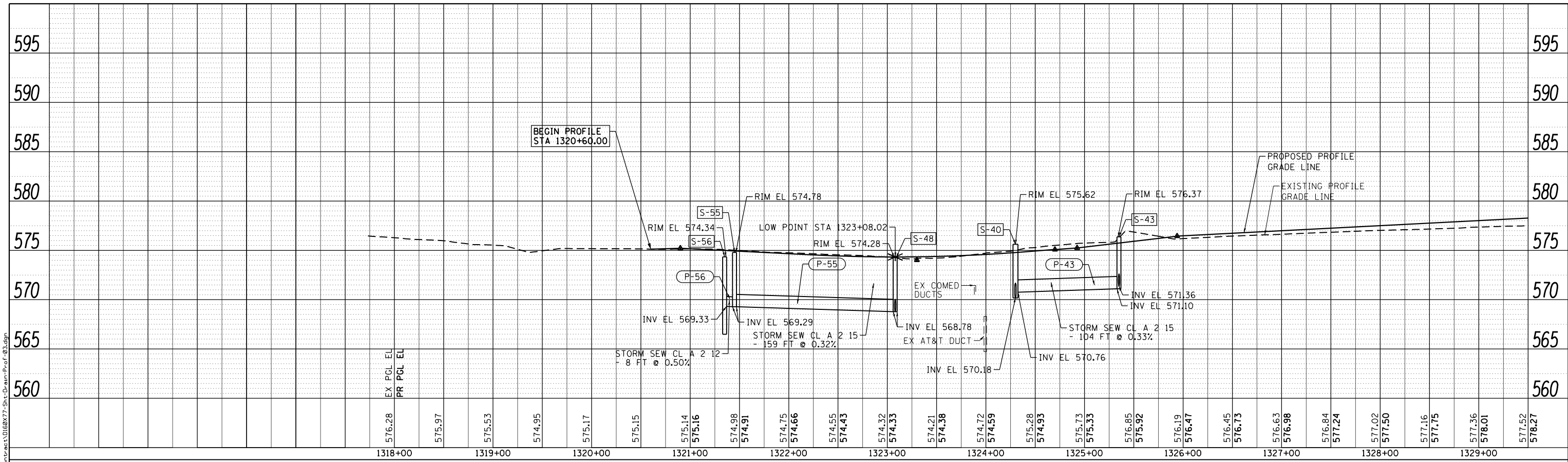
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



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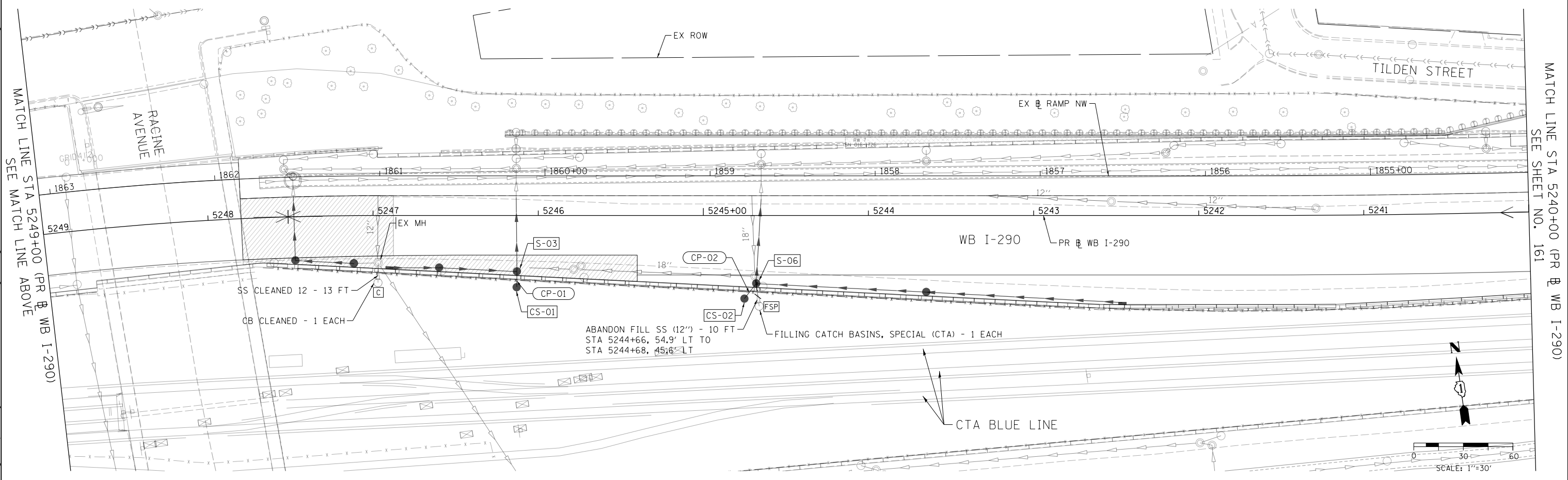
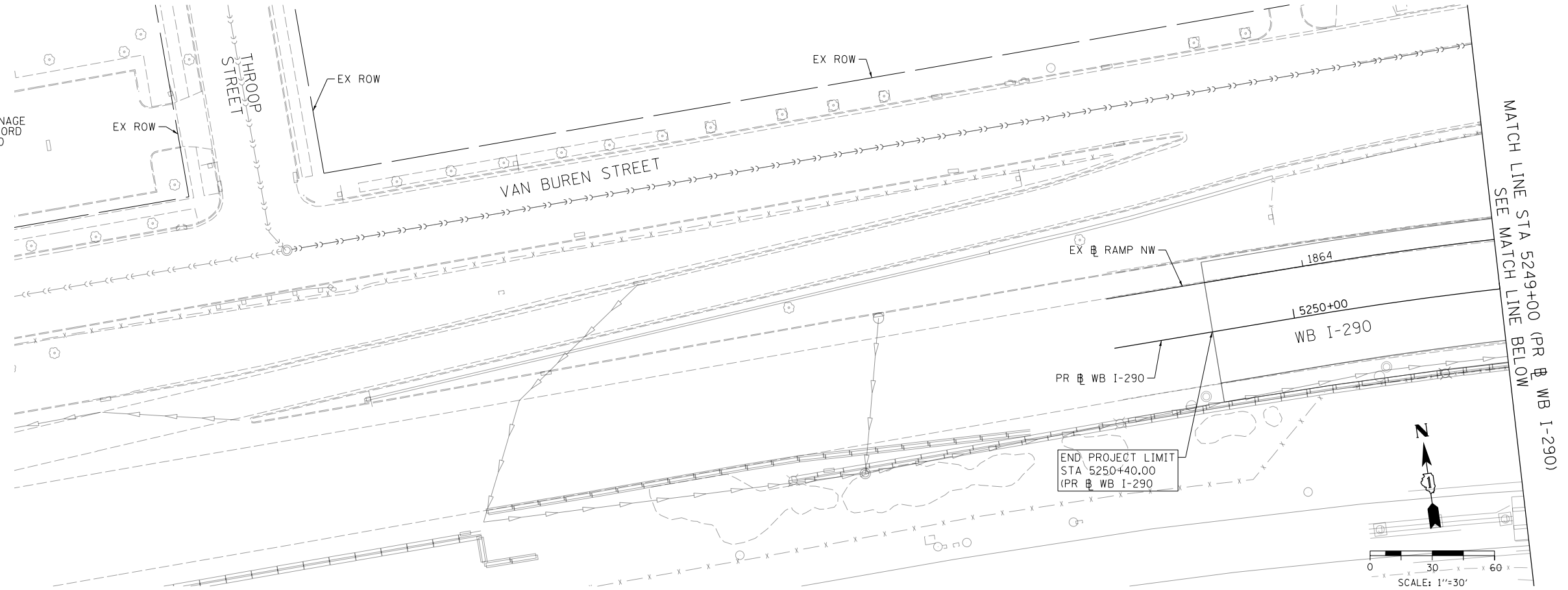
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DATE - 4/27/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PROFILE
RAMP SW (PR BL RAMP SW - INTERIM)
 SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 1802+75 TO STA. 1813+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	159
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

NOTES:
 1. EXISTING CHICAGO TRANSIT AUTHORITY (CTA) DRAINAGE STRUCTURES AND PIPES SHOWN ARE BASED ON RECORD DRAWINGS AND APPROXIMATED. IT SHALL BE FIELD VERIFIED PRIOR TO ANY WORK.



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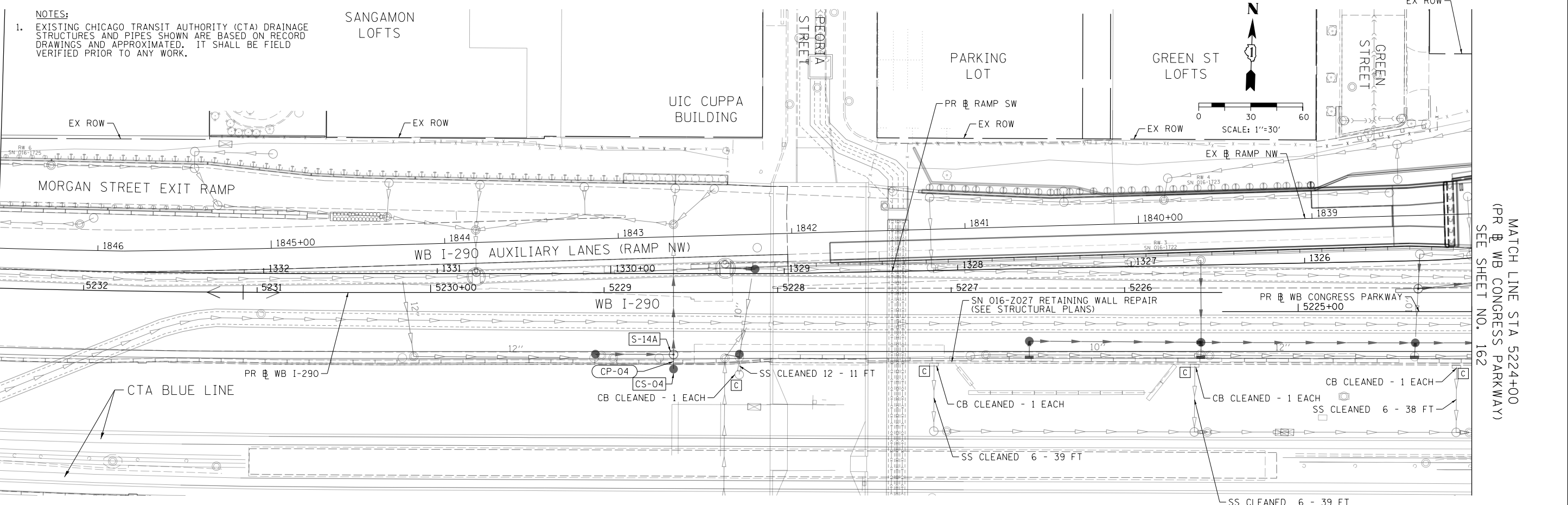
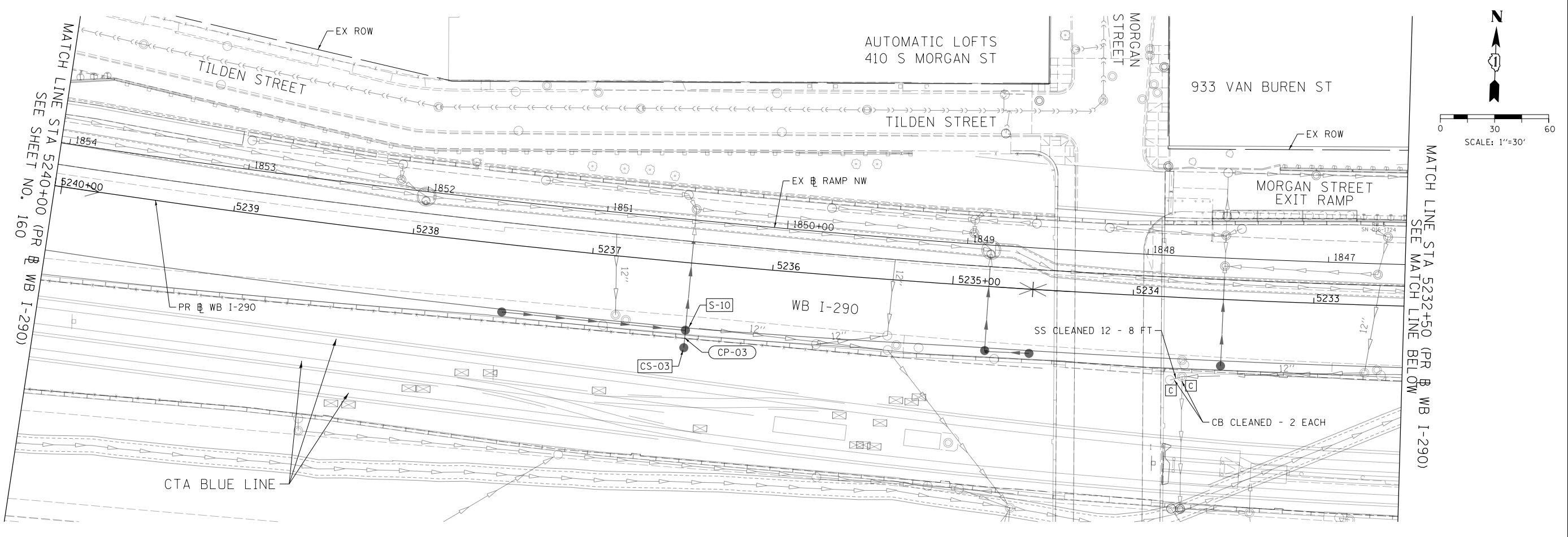
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CTA DRAINAGE PLAN
 WB I-290 MAINLINE

SCALE: 1" = 30' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	160
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



NOTES:
 1. EXISTING CHICAGO TRANSIT AUTHORITY (CTA) DRAINAGE STRUCTURES AND PIPES SHOWN ARE BASED ON RECORD DRAWINGS AND APPROXIMATED. IT SHALL BE FIELD VERIFIED PRIOR TO ANY WORK.

MATCH LINE STA 5232+50 (PR & WB I-290) SEE MATCH LINE ABOVE

MATCH LINE STA 5224+00 (PR & WB CONGRESS PARKWAY) SEE SHEET NO. 162

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D160X77-sht-Drain-CTA-02.dgn
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DATE - 3/14/2016	REVISED -

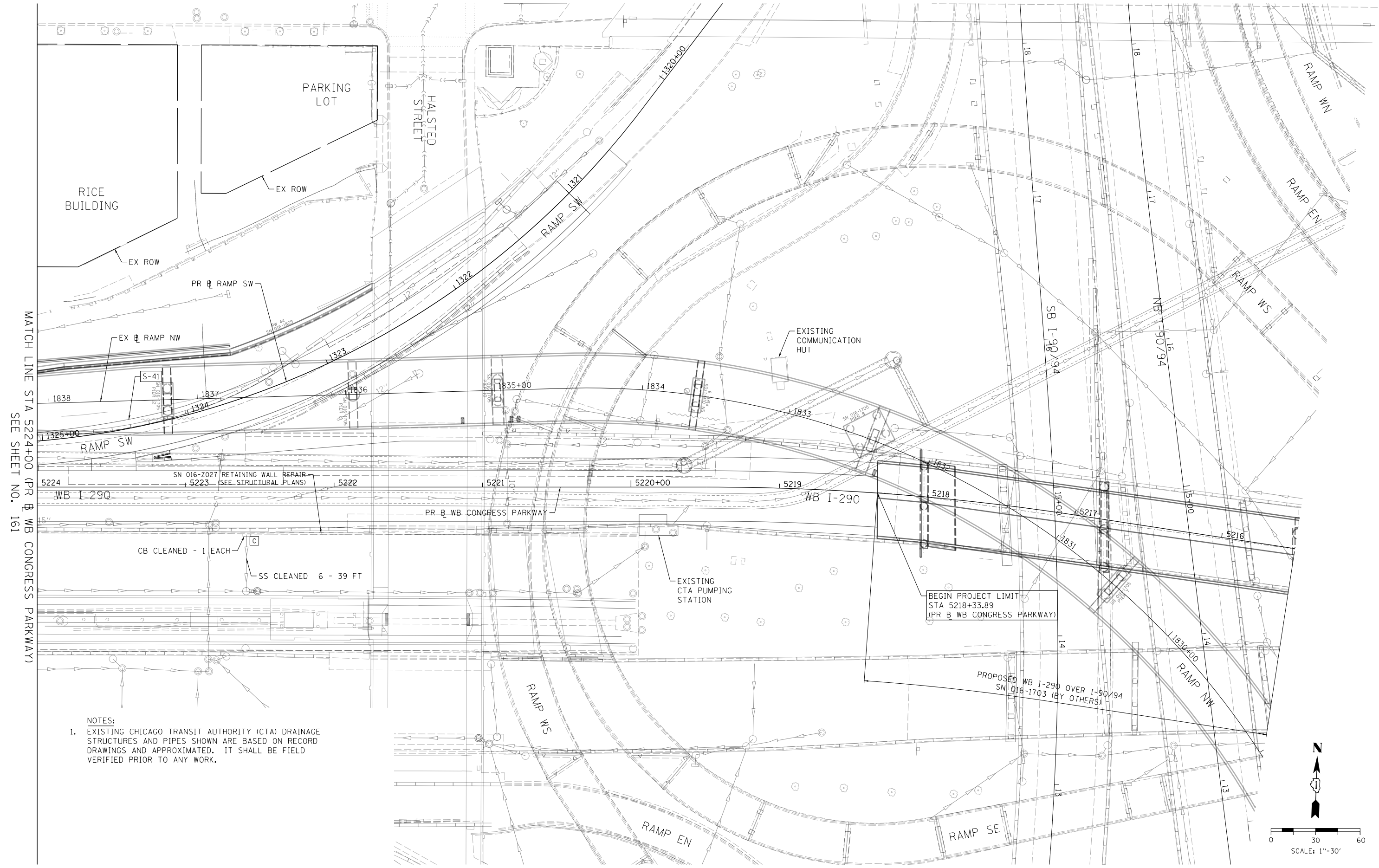
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CTA DRAINAGE PLAN
 WB I-290 MAINLINE

SCALE: 1" = 30' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	161
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

FILE PATH = \\unetgl\prod\Projects\602877\000_CAD\006_Roadway\Printing\602877\2016-03-14-602877-FINAL_PLOT\0160X77-sht-Drain-CTA-03.dgn



MATCH LINE STA 5224+00 (PR WB CONGRESS PARKWAY)
SEE SHEET NO. 161

NOTES:
1. EXISTING CHICAGO TRANSIT AUTHORITY (CTA) DRAINAGE STRUCTURES AND PIPES SHOWN ARE BASED ON RECORD DRAWINGS AND APPROXIMATED. IT SHALL BE FIELD VERIFIED PRIOR TO ANY WORK.



0160X77-sht-Drain-CTA-03.dgn
USER NAME = dishevo2
PLOT SCALE = 60.0000' / in.
PLOT DATE = 3/15/2016

DESIGNED - AFC	REVISED -
DRAWN - AFC	REVISED -
CHECKED - E E Y	REVISED -
DATE - 3/14/2016	REVISED -

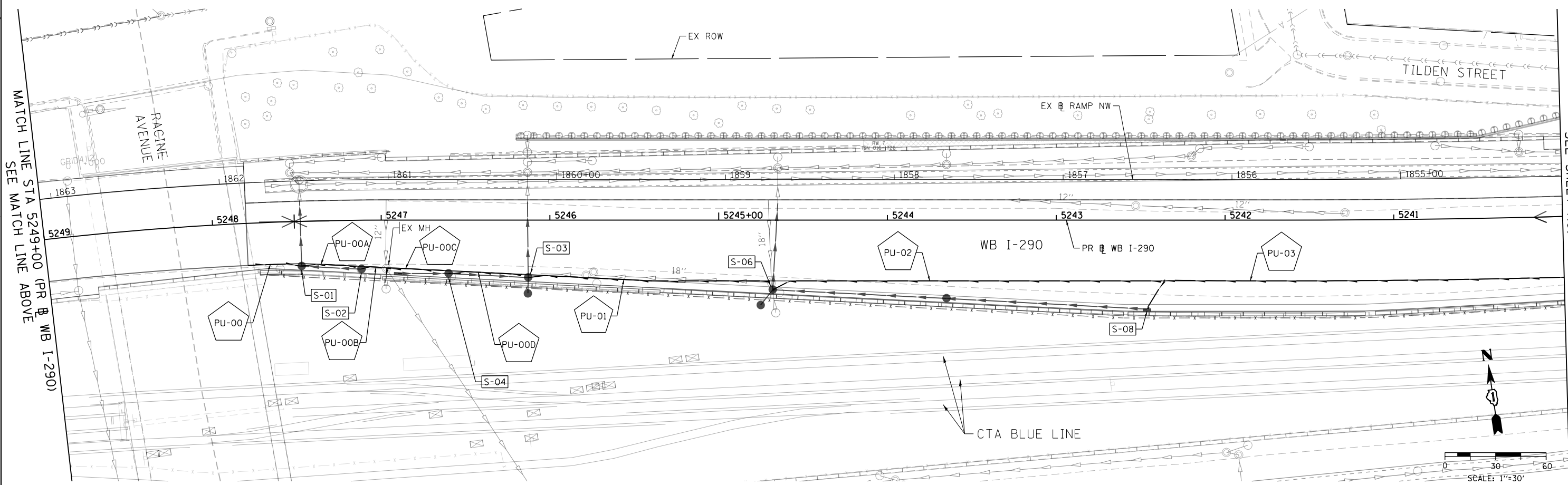
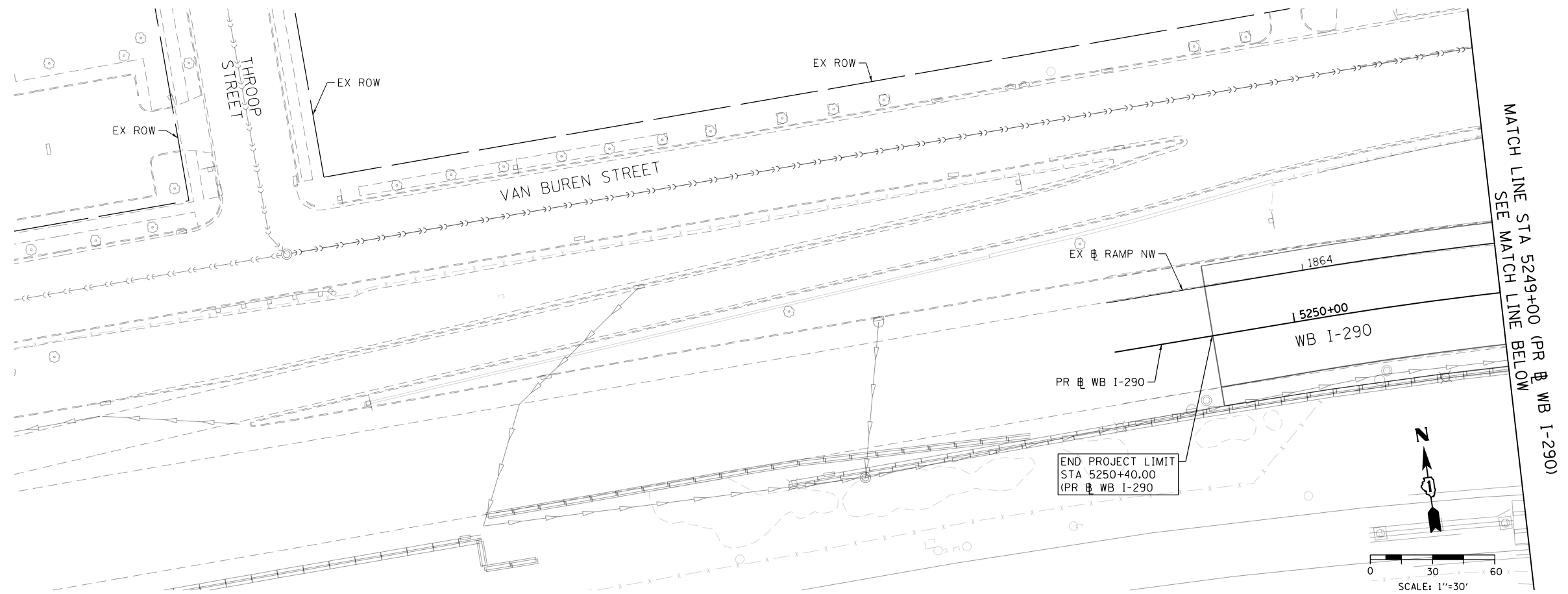
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CTA DRAINAGE PLAN
WB I-290 MAINLINE

SCALE: 1" = 30' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	162
CONTRACT NO. 60X77				

ILLINOIS FED. AID PROJECT



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MATCH LINE STA 5249+00 (PR & WB I-290)
 SEE MATCH LINE ABOVE

MATCH LINE STA 5249+00 (PR & WB I-290)
 SEE MATCH LINE BELOW

MATCH LINE STA 5240+00 (PR & WB I-290)
 SEE SHEET NO. 164



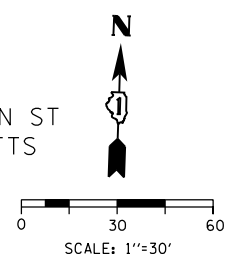
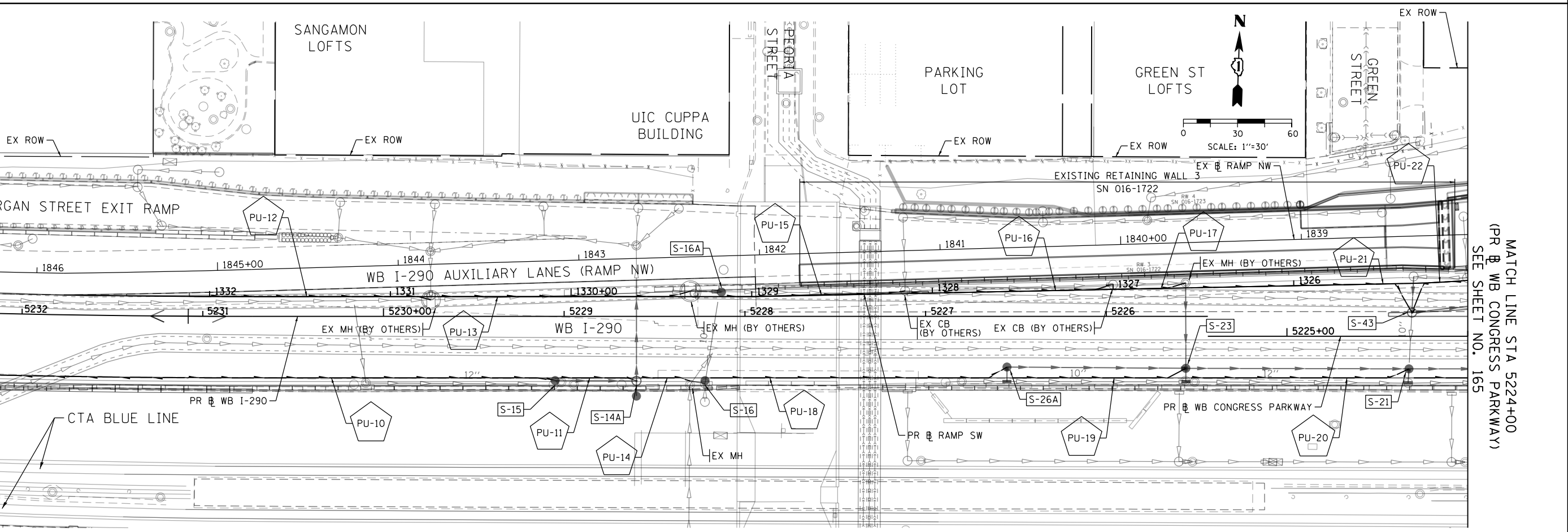
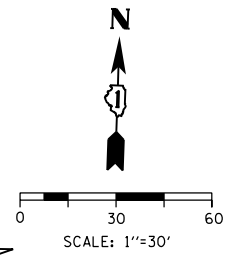
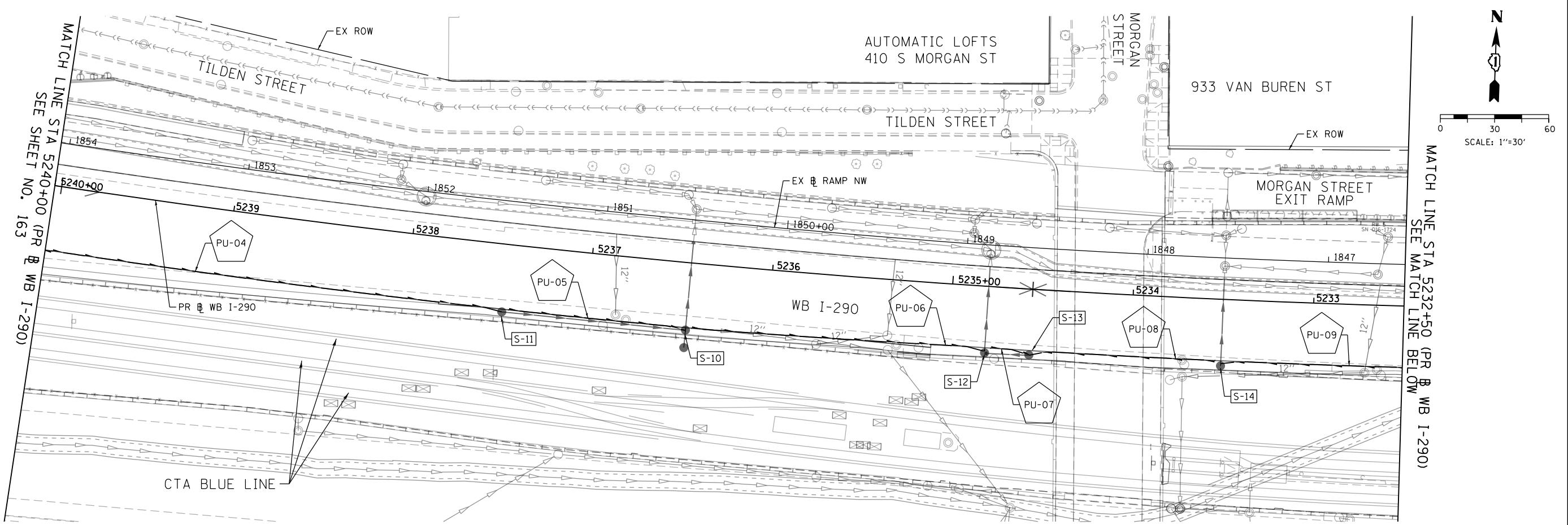
D160X77-sht-Drain-Subsurf-Face-01
 USER NAME = chtw
 PLOT SCALE = 60.0000' / in.
 PLOT DATE = 4/27/2016

DESIGNED - AFC	REVISED -
DRAWN - ZND	REVISED -
CHECKED - DBM	REVISED -
DATE - 4/27/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUB-SURFACE DRAINAGE PLAN
 WB I-290 MAINLINE
 SCALE: 1" = 30' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	163
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



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D160X77-sht-Drain-Subsurface-02
 USER NAME = chiue
 PLOT SCALE = 60.0000' / in.
 PLOT DATE = 4/28/2016

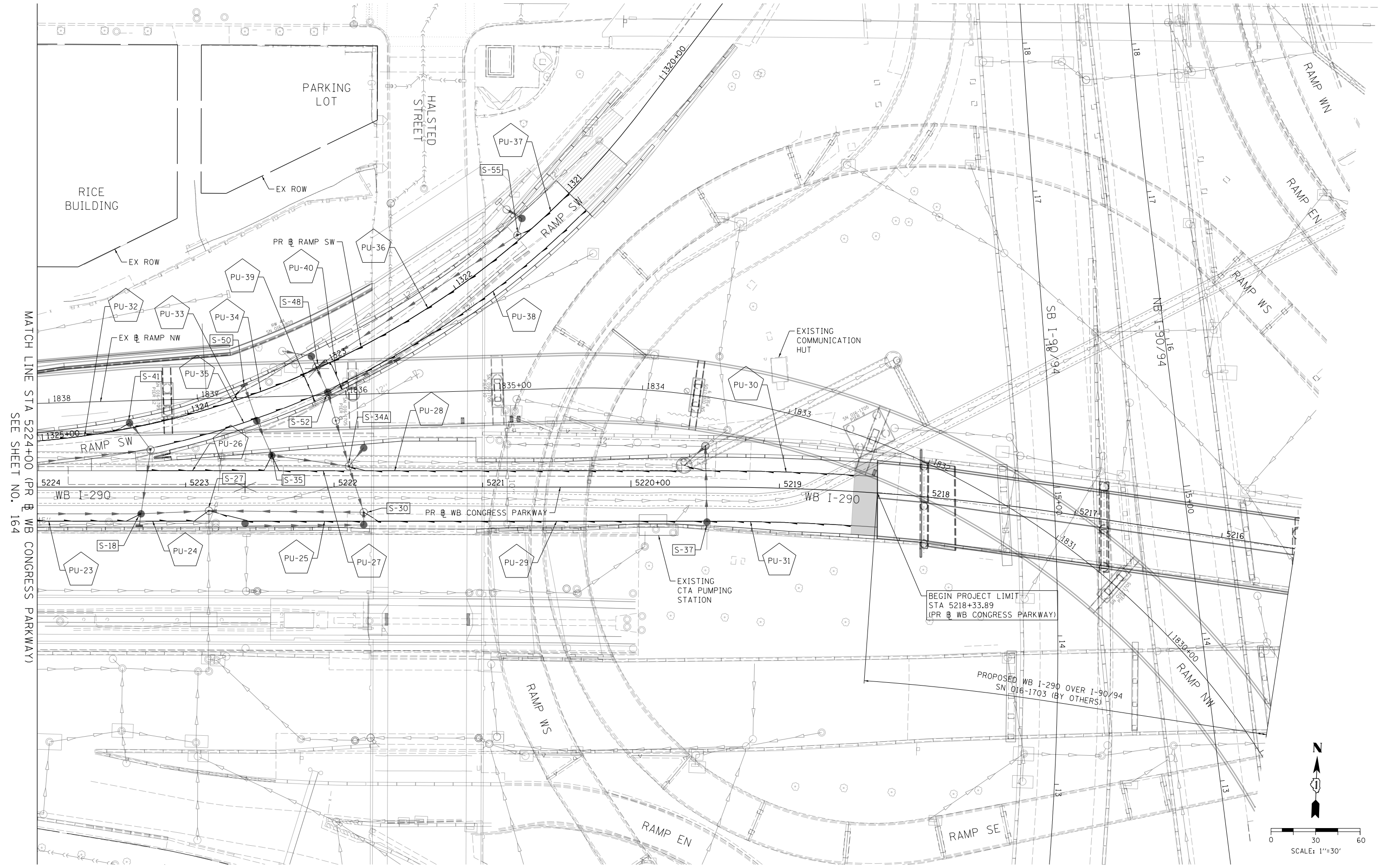
DESIGNED - AFC	REVISED -
DRAWN - ZND	REVISED -
CHECKED - EEE	REVISED -
DATE - 4/27/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUB-SURFACE DRAINAGE PLAN
 WB I-290 MAINLINE
 SCALE: 1" = 30' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	164
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

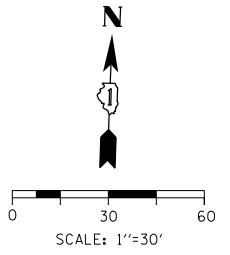
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MATCH LINE STA 5224+00 (PR & WB CONGRESS PARKWAY) SEE SHEET NO. 164

BEGIN PROJECT LIMIT
STA 5218+33.89
(PR & WB CONGRESS PARKWAY)

PROPOSED WB I-290 OVER I-90/94
SN 016-1703 (BY OTHERS)



D160X77-sht-Drain-Subsurface-03.dgn
USER NAME = dishevoz
PLOT SCALE = 60.0000' / in.
PLOT DATE = 3/15/2016

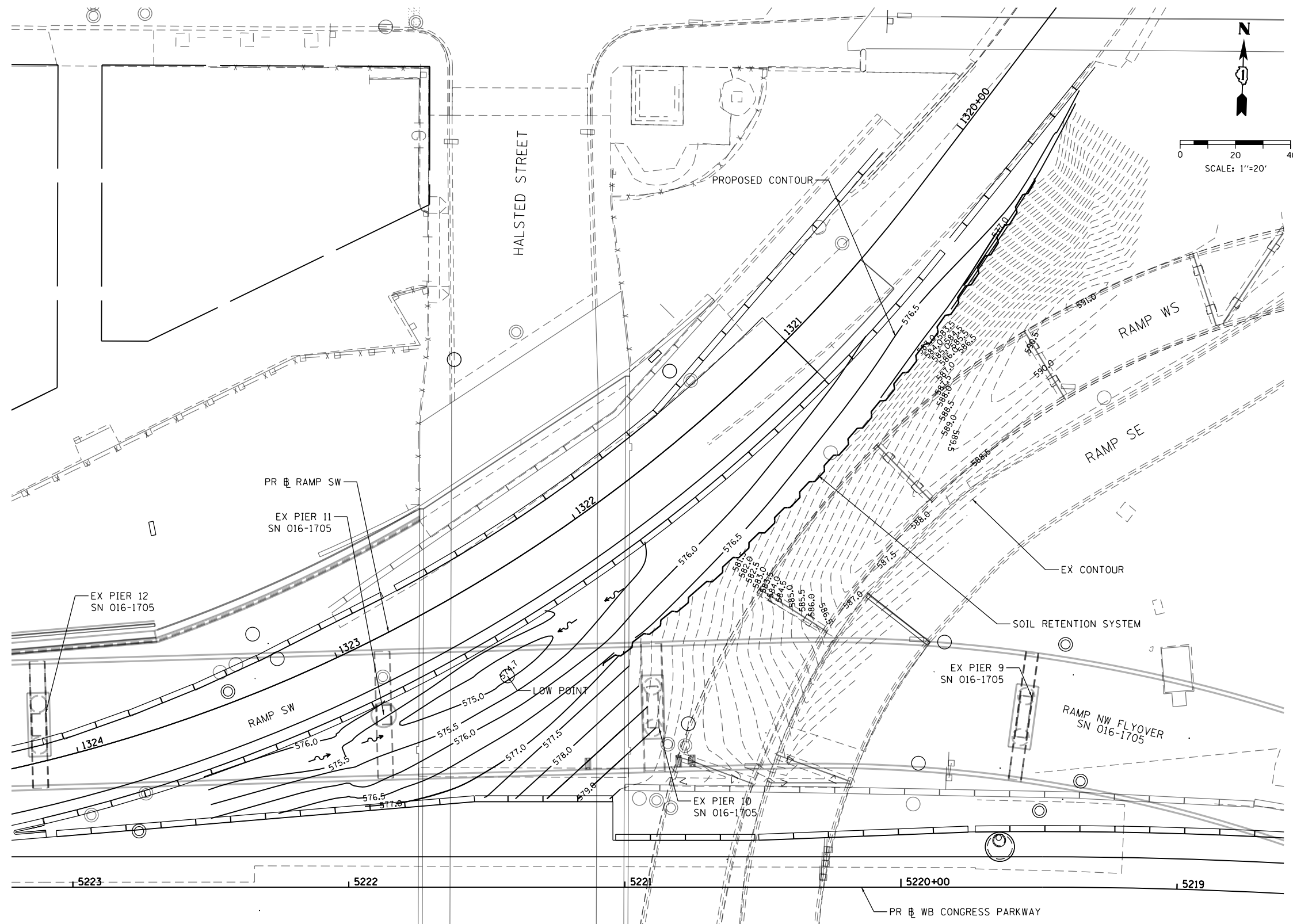
DESIGNED - AFC	REVISED -
DRAWN - ZND	REVISED -
CHECKED - E EY	REVISED -
DATE - 3/14/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUB-SURFACE DRAINAGE PLAN
WB I-290 MAINLINE

SCALE: 1" = 30' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	165
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



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D160X77-SHT-Grading-01.dgn
 USER NAME = PIMSARNO
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 3/15/2016

DESIGNED - SDH
 DRAWN - OPS
 CHECKED - DBM
 DATE - 3/14/2016

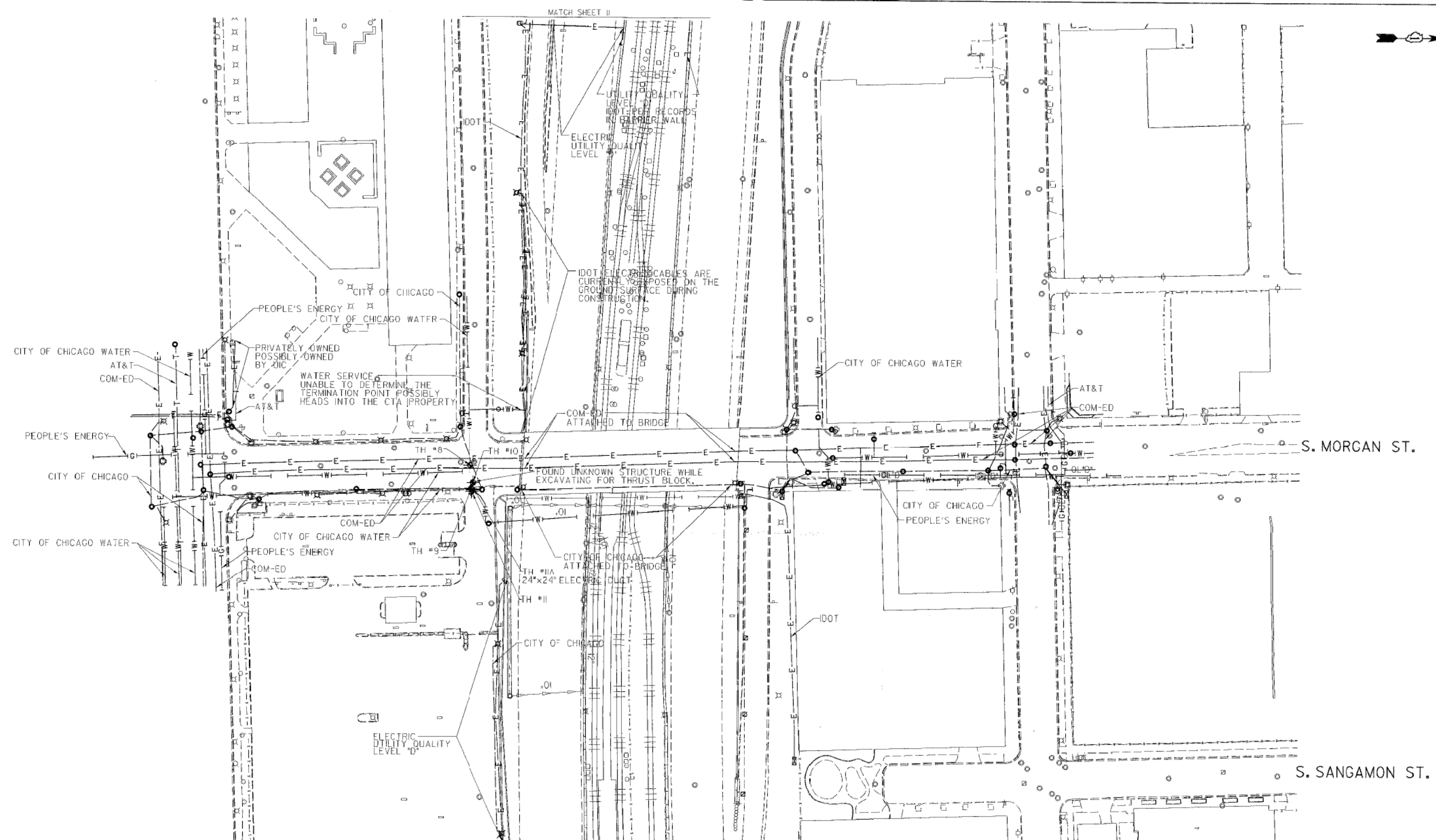
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED GRADING PLAN

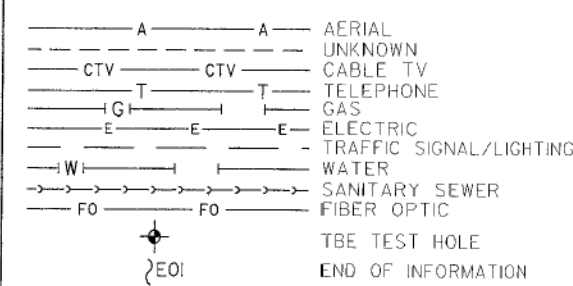
SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	166
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



MATCH SHEET 1

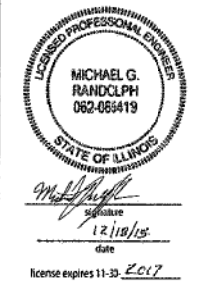
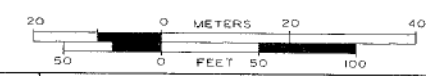
MATCH SHEET 2



UTILITY OWNERS
 AT&T = TELEPHONE
 COM-ED = ELECTRIC
 CITY OF CHICAGO = ELECTRIC
 CITY OF CHICAGO WATER = WATER
 IDOT = ELECTRIC
 PEOPLE'S ENERGY = 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 3/14/13 THROUGH 7/25/14. 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.

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



TBE Job No. IL0950531, 563, 647
 SUE Plan Pages 1 of 12

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

DESIGNED	JP	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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	431	167
Contract No. N/A				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No. P-91-259-12				



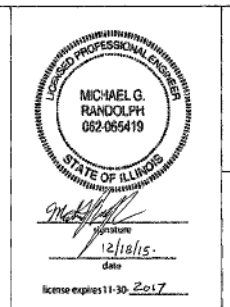
-----A-----A-----	AERIAL
-----UNKNOWN-----	UNKNOWN
-----CTV-----CTV-----	CABLE TV
-----T-----T-----	TELEPHONE
-----G-----G-----	GAS
-----E-----E-----	ELECTRIC
-----E-----E-----	TRAFFIC SIGNAL/LIGHTING
-----W-----W-----	WATER
-----S-----S-----	SANITARY SEWER
-----FO-----FO-----	FIBER OPTIC
⊕	TBE TEST HOLE
EOI	END OF INFORMATION

UTILITY OWNERS	
AT&T	= TELEPHONE
COMCAST	= CABLE TV
COM-ED	= ELECTRIC
CITY OF CHICAGO	= ELECTRIC
CITY OF CHICAGO WATER	= WATER
IDOT	= ELECTRIC
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.

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 3/14/13 THROUGH 7/25/14. 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.

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



TBE Job No. IL09510531, 563, 647
SUE Plan Pages 2 of 12

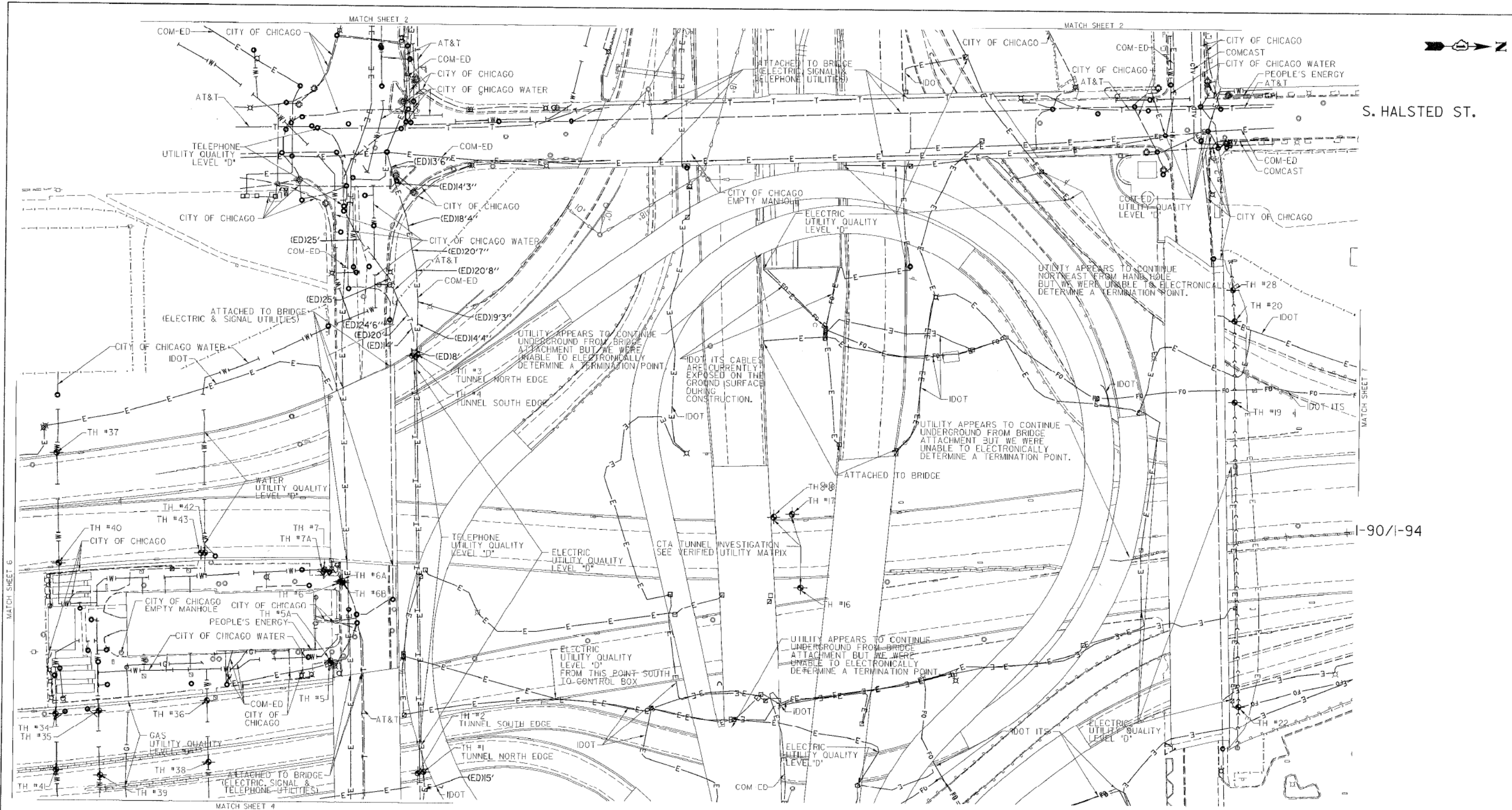
Utility Quality Level "A": Visually Verified Test Hole
Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

DESIGNED	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

FED. ROAD DIST. NO.	ILLINOIS	IDOT Project No. I-9-259-12
SECTION	N/A	
COUNTY	Cook	TOTAL SHEETS 431 SHEET NO. 168
CONTRACT NO.	N/A	Contract No. N/A



— A — A —	AERIAL UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	TRAFFIC SIGNAL/LIGHTING
— W — W —	WATER
— S — S —	SANITARY SEWER
— FO — FO —	FIBER OPTIC
⊙ FOI	TBE TEST HOLE
⊙	END OF INFORMATION

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

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

20 0 METERS 20 40
50 0 FEET 50 100

LICENSED PROFESSIONAL ENGINEER
 MICHAEL G. RANDOLPH
 062-065419
 STATE OF ILLINOIS
 12/18/15
 license expires 11-30-2017

Cardno TBE

Dynasty Group
 Engineers & Surveyors

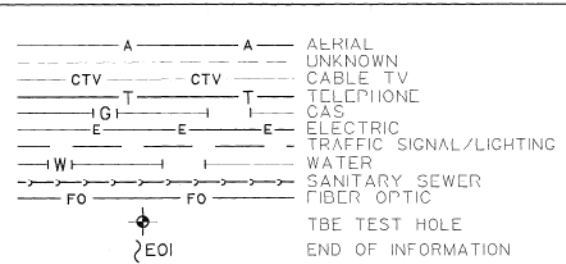
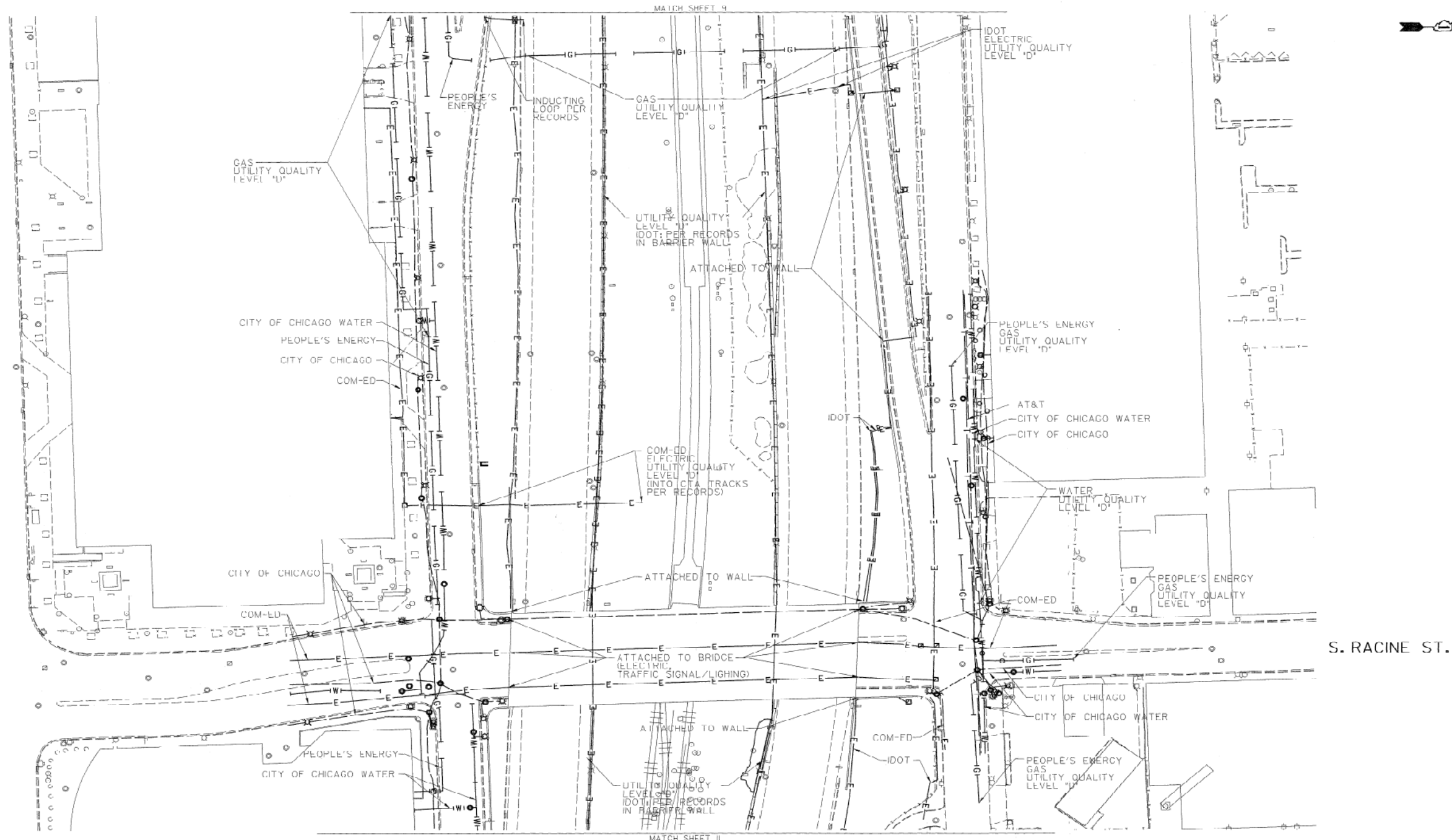
TBE Job No. IL0950531, 563, 647
 SUE Plan Page: 3 of 12

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	431	169
Contract No. N/A				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No. P-9-259-12				

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

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

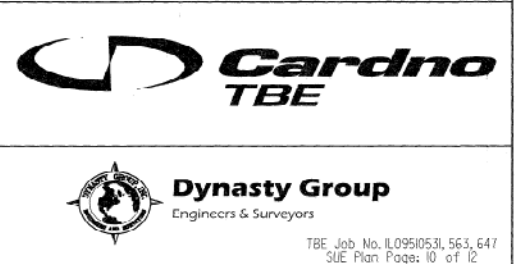
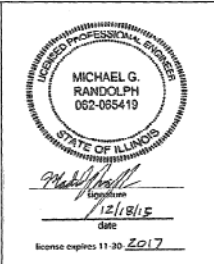


UTILITY OWNERS

A&I = TELEPHONE
 COM-FD = ELECTRIC
 CITY OF CHICAGO = ELECTRIC
 CITY OF CHICAGO WATER = WATER
 IDOT = ELECTRIC
 PEOPLE'S ENERGY = GAS

UTILITIES SHOWN ON THESE PLANS AS DEPICTED IN THE LEGEND HAVE BEEN INVESTIGATED BY CARDNO IN ACCORDANCE WITH SHF 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.

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



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

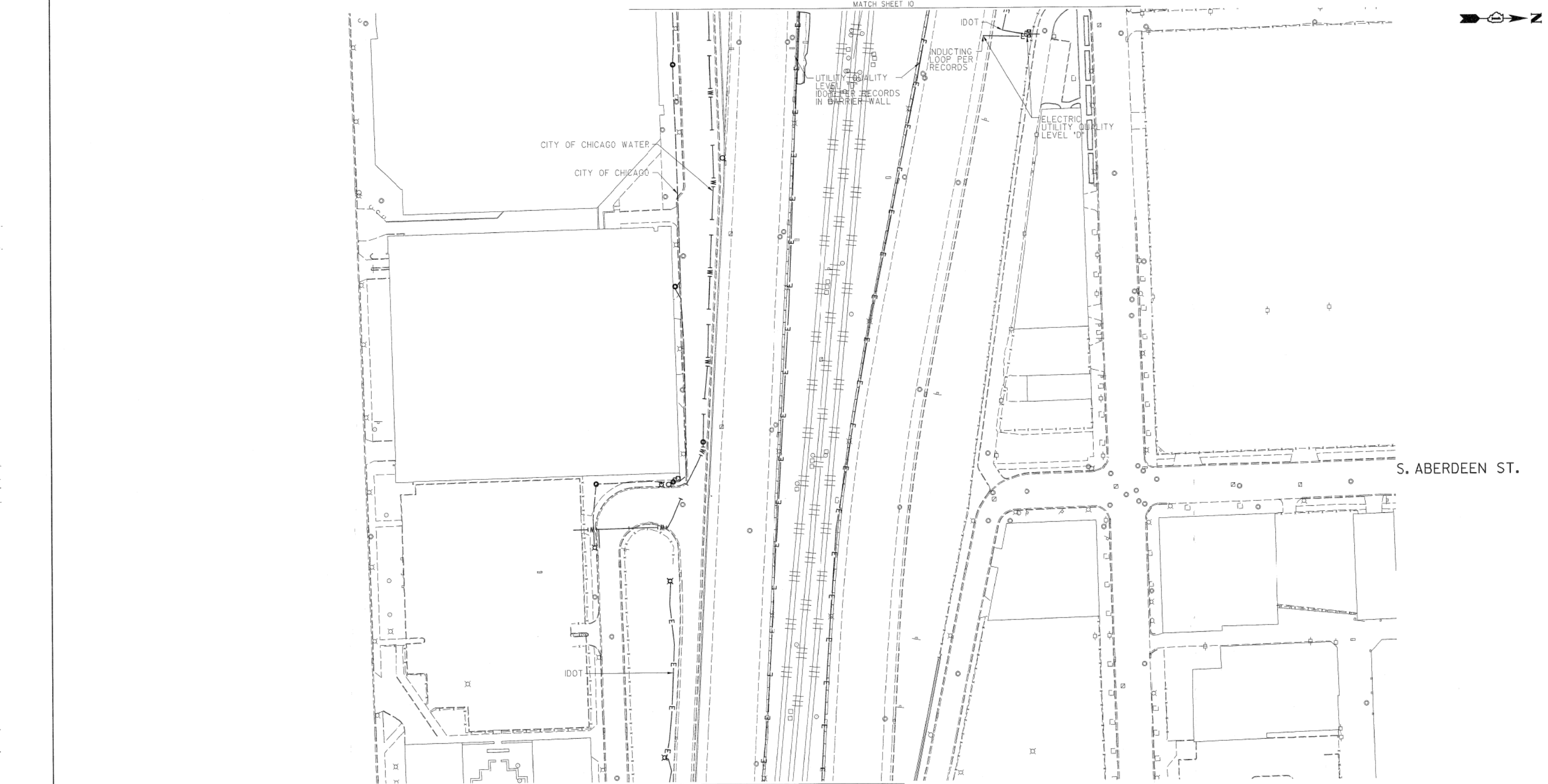
DESIGNED JP	REVISED
DRAWN SRK	REVISED
CHECKED MGR	REVISED
DATE 12/18/15	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

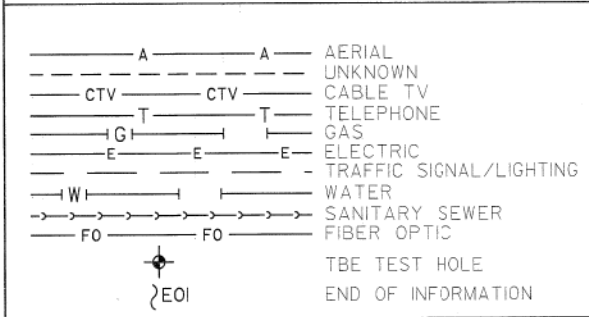
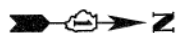
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	431	170
Curtin No. N/A				
FED. ROAD DIST. NO. ILLINOIS DOT PROJECT NO. 11-259-12				

TBE Job No. IL09510531, 563, 647
 SUE Plan Page: 10 of 12



MATCH SHEET 10

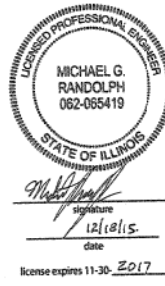
MATCH SHEET 1



UTILITY OWNERS
 CITY OF CHICAGO = ELECTRIC
 CITY OF CHICAGO WATER = WATER
 IDOT = ELECTRIC

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 7/25/14. 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.

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



TBE Job No. IL09510531, 563, 647
 SUE Plan Page: 1 of 12

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

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	431	171
Contract No. N/A				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No. P-9-259-12				

PAVEMENT MARKING SCHEDULE

SHEET	ROADWAY/STATION	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4'	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5'	MODIFIED URETHANE PAVEMENT MARKING- LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4'	MODIFIED URETHANE PAVEMENT MARKING - LINE 8'	MODIFIED URETHANE PAVEMENT MARKING - LINE 12'	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	GROOVING FOR RECESSED PAVEMENT MARKING 5'	GROOVING FOR RECESSED PAVEMENT MARKING 6'
		FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	EACH	EACH	SQ FT	FOOT	FOOT	FOOT
1	5250+40 TO 5237+25	-	1, 713	42	2, 920	1, 315	129	172	-	2, 735	172	-	1, 713
2	5237+25 TO 5223+00	248	1, 127	42	2, 372	2, 809	218	110	3	3, 476	113	248	1, 127
3	5223+00 TO 5218+33. 89	-	515	-	4, 090	-	29	24	28	1, 607	52	-	515
4	1806+06 TO 1826+00	424	498	-	2, 696	3, 259	208	31	19	3, 628	50	424	498
SUBTOTALS		672	3, 853	84	12, 078	7, 383	584	337	50	11, 446	387	672	3, 853
ALLOWANCE		101	578	13	1, 812	1, 108	88	51	8	1, 717	59	101	578
TOTALS WITH ALLOWANCE		773	4, 431	97	13, 890	8, 491	672	388	58	13, 163	446	773	4, 431

SIGNING SCHEDULE

LOCATION	SIGN NO.	LEGEND / DESCRIPTION	SIGN TYPE	BASELINE	LOCATION (STATION / OFFSET)	SIGN PANEL DIMENSIONS		SIGN PANEL - TYPE 1 (SQ FT)	SIGN PANEL - TYPE 2 (SQ FT)	MILE POST MARKER ASSEMBLY (EACH)	WOOD SIGN SUPPORT (FOOT)
						WIDTH (FT)	HEIGHT (FT)				
WB I-290	WB-01-LP	CKC	CENTRAL SHOP	WB I-290	5242+16.00 55.0' LT	3	1.5	4.5	-	-	-
	WB-02-LP	ILLNOIS 110 SHIELD	M1-I100	WB I-290	5242+16.00 55.0' LT	3	3	9.0	-	-	-
	WB-03A	SPEED LIMIT 55	R2-1	WB I-290	5250+40.00 50.0' LT	3	4	-	12.0	-	16
	WB-03B	SPEED LIMIT 55	R2-1	WB I-290	5250+40.00 50.0' LT	3	4	-	12.0	-	16
	WB-04-LP	MILE MARKER 29.5	D10-2a	WB I-290	5237+25.00 41.0' LT	-	-	-	-	1	-
	WB-05-LP	WEST	M3-4	WB I-290	5235+24.00 39.4' LT	2.50	1.25	3.1	-	-	-
	WB-06-LP	INTERSTATE I-290 SHIELD	M1-1	WB I-290		3.75	3.00	-	11.3	-	-
	WB-07-WP	ADDED LANE (RT)	W4-3R	WB I-290	5223+19.00 18.2' RT	4.00	4.00	-	16.0	-	16
WB-08-WP	MERGE (RT)	W4-1R	WB I-290	5223+05.00 22.0' RT	4.00	4.00	-	16.0	-	16	
ROUNDED TOTAL								17	68	1	64

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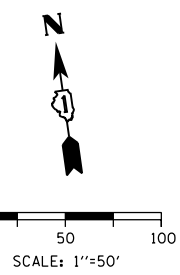


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

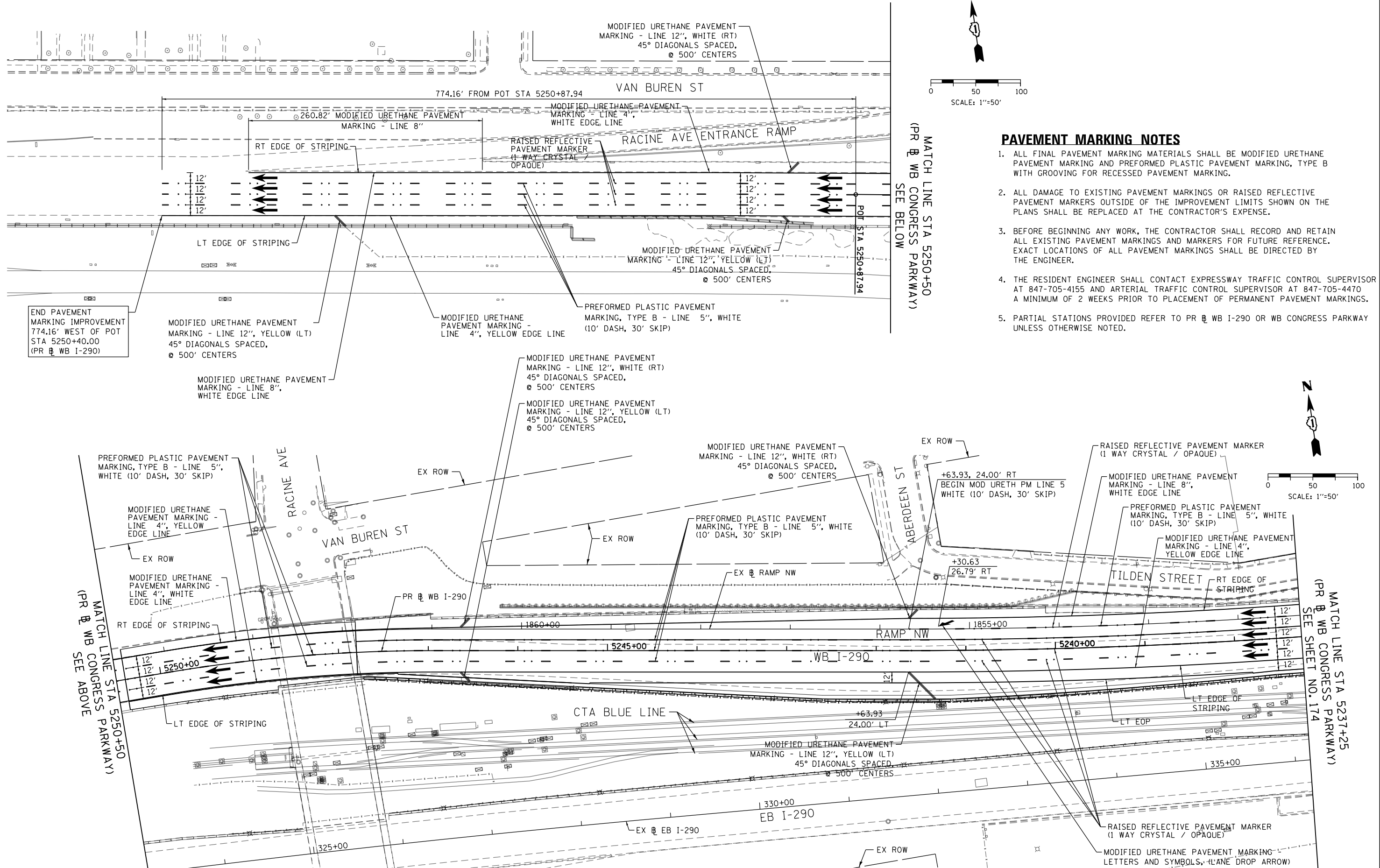
PAVEMENT MARKING AND SIGNING SCHEDULE
 SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	172
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING NOTES

1. ALL FINAL PAVEMENT MARKING MATERIALS SHALL BE MODIFIED URETHANE PAVEMENT MARKING AND PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING.
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 & WB I-290 OR WB CONGRESS PARKWAY UNLESS OTHERWISE NOTED.



END PAVEMENT MARKING IMPROVEMENT 774.16' WEST OF POT STA 5250+40.00 (PR & WB I-290)

MATCH LINE STA 5250+50 (PR & WB CONGRESS PARKWAY) SEE ABOVE

MATCH LINE STA 5237+25 (PR & WB CONGRESS PARKWAY) SEE SHEET NO. 174

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

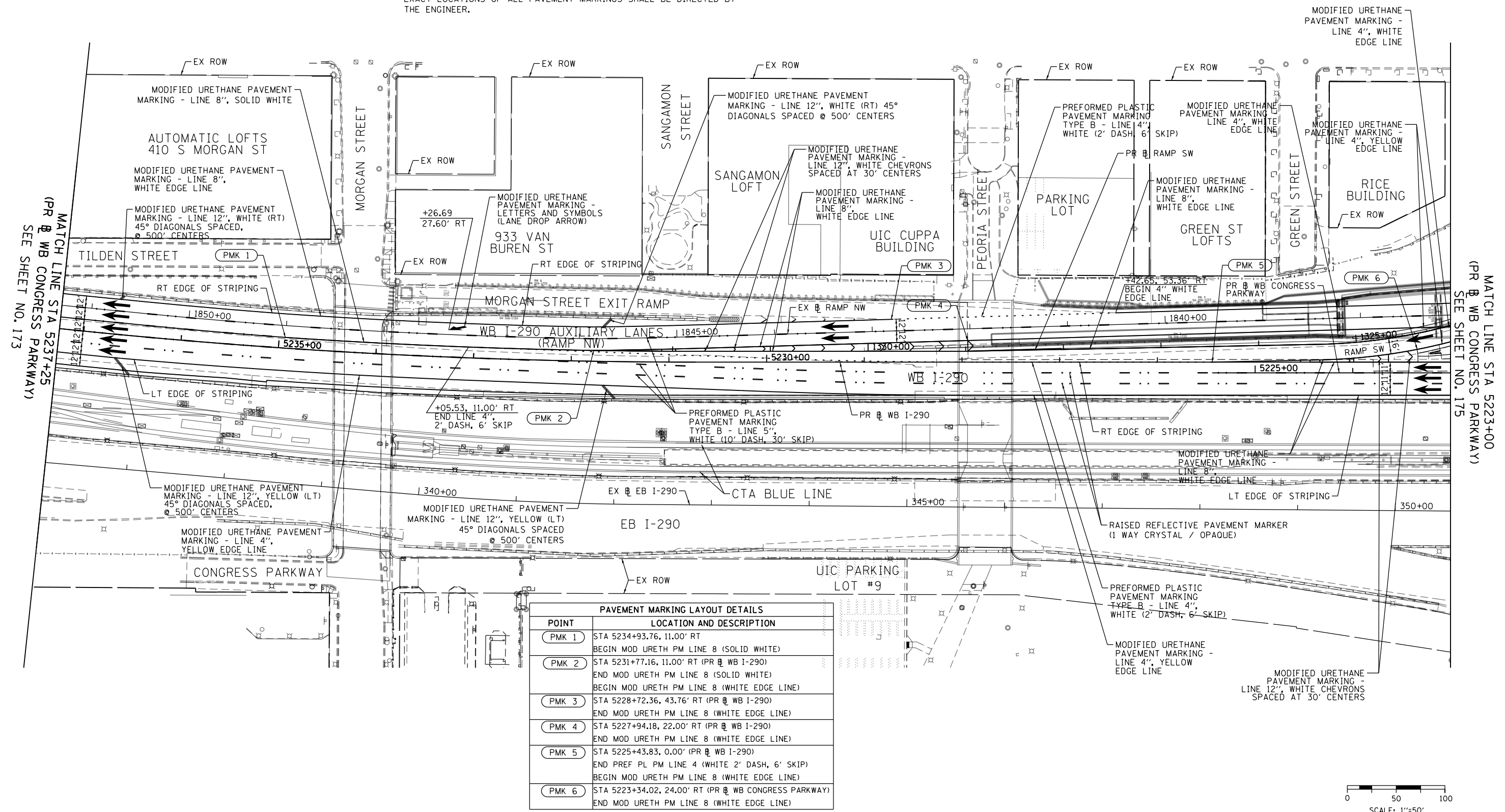
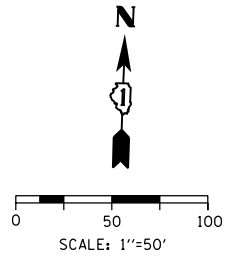
**PAVEMENT MARKING PLAN
WB I-290 MAINLINE**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 5250+87.94 TO STA. 5237+25

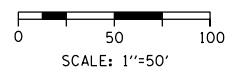
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	173
				CONTRACT NO. 60X77
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING NOTES

- ALL FINAL PAVEMENT MARKING MATERIALS SHALL BE MODIFIED URETHANE PAVEMENT MARKING AND PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING.
- 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.
- 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.
- 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.
- PARTIAL STATIONS PROVIDED REFER TO PR & WB I-290 OR WB CONGRESS PARKWAY UNLESS OTHERWISE NOTED.



PAVEMENT MARKING LAYOUT DETAILS	
POINT	LOCATION AND DESCRIPTION
PMK 1	STA 5234+93.76, 11.00' RT BEGIN MOD URETH PM LINE 8 (SOLID WHITE)
PMK 2	STA 5231+77.16, 11.00' RT (PR & WB I-290) END MOD URETH PM LINE 8 (SOLID WHITE) BEGIN MOD URETH PM LINE 8 (WHITE EDGE LINE)
PMK 3	STA 5228+72.36, 43.76' RT (PR & WB I-290) END MOD URETH PM LINE 8 (WHITE EDGE LINE)
PMK 4	STA 5227+94.18, 22.00' RT (PR & WB I-290) END MOD URETH PM LINE 8 (WHITE EDGE LINE)
PMK 5	STA 5225+43.83, 0.00' (PR & WB I-290) END PREF PL PM LINE 4 (WHITE 2' DASH, 6' SKIP) BEGIN MOD URETH PM LINE 8 (WHITE EDGE LINE)
PMK 6	STA 5223+34.02, 24.00' RT (PR & WB CONGRESS PARKWAY) END MOD URETH PM LINE 8 (WHITE EDGE LINE)



MATCH LINE STA 5237+25 (PR & WB CONGRESS PARKWAY) SEE SHEET NO. 173

MATCH LINE STA 5223+00 (PR & WB CONGRESS PARKWAY) SEE SHEET NO. 175

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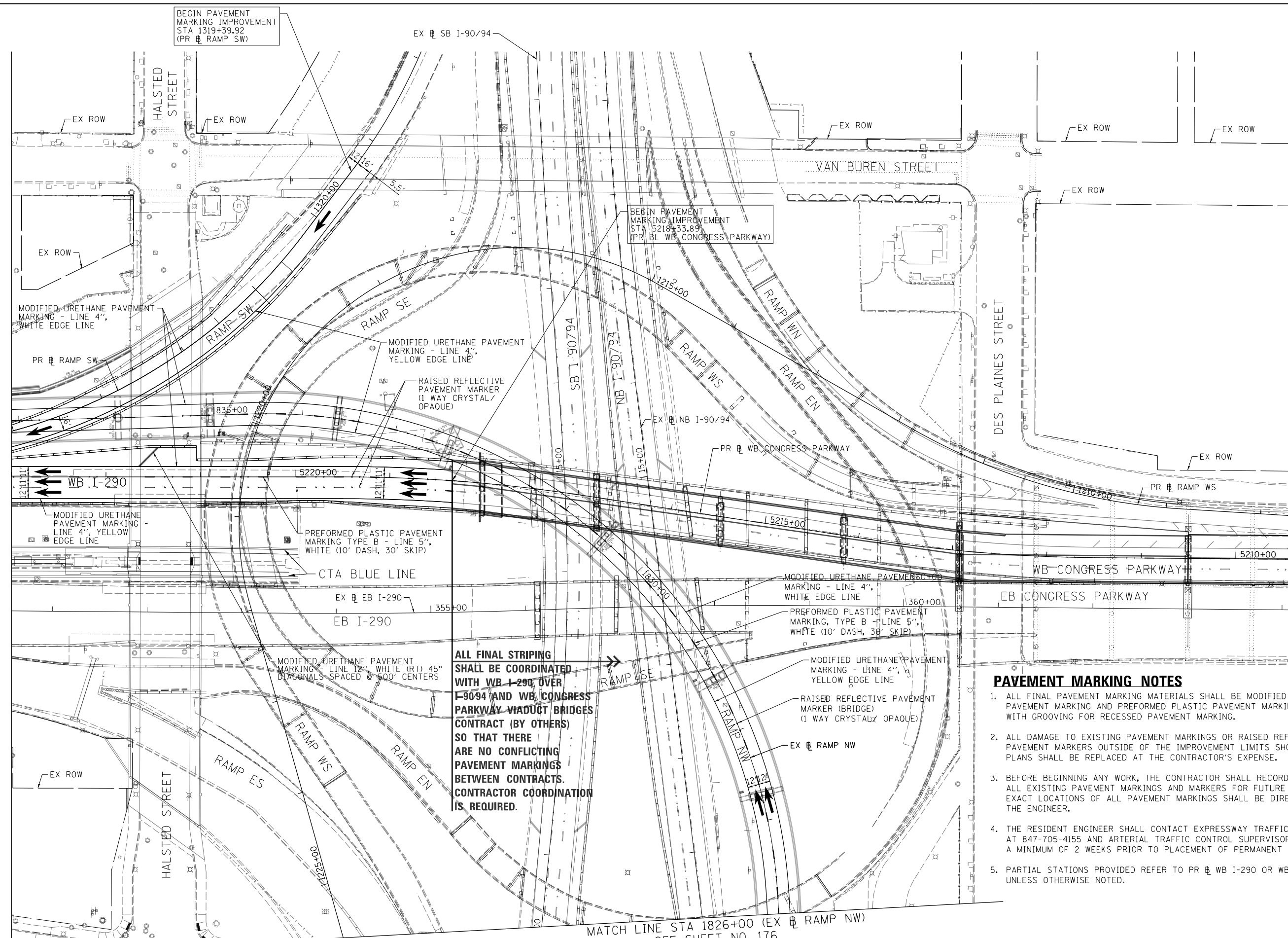
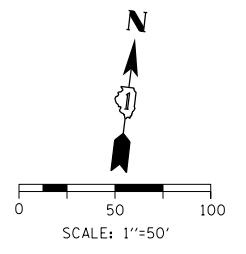
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CHECKED - DBM	REVISED -
DATE - 4/27/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
WB I-290 MAINLINE**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 5250+87.94 TO STA. 5237+25

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	174
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 5223+00
 (PR WB CONGRESS PARKWAY)
 SEE SHEET NO. 174

MATCH LINE STA 1826+00 (EX RAMP NW)
 SEE SHEET NO. 176

PAVEMENT MARKING NOTES

1. ALL FINAL PAVEMENT MARKING MATERIALS SHALL BE MODIFIED URETHANE PAVEMENT MARKING AND PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING.
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 WB I-290 OR WB CONGRESS PARKWAY UNLESS OTHERWISE NOTED.

**ALL FINAL STRIPING
 SHALL BE COORDINATED
 WITH WB I-290 OVER
 I-90/94 AND WB CONGRESS
 PARKWAY VIADUCT BRIDGES
 CONTRACT (BY OTHERS)
 SO THAT THERE
 ARE NO CONFLICTING
 PAVEMENT MARKINGS
 BETWEEN CONTRACTS.
 CONTRACTOR COORDINATION
 IS REQUIRED.**

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0160X77-SHT-PMK-03.dgn
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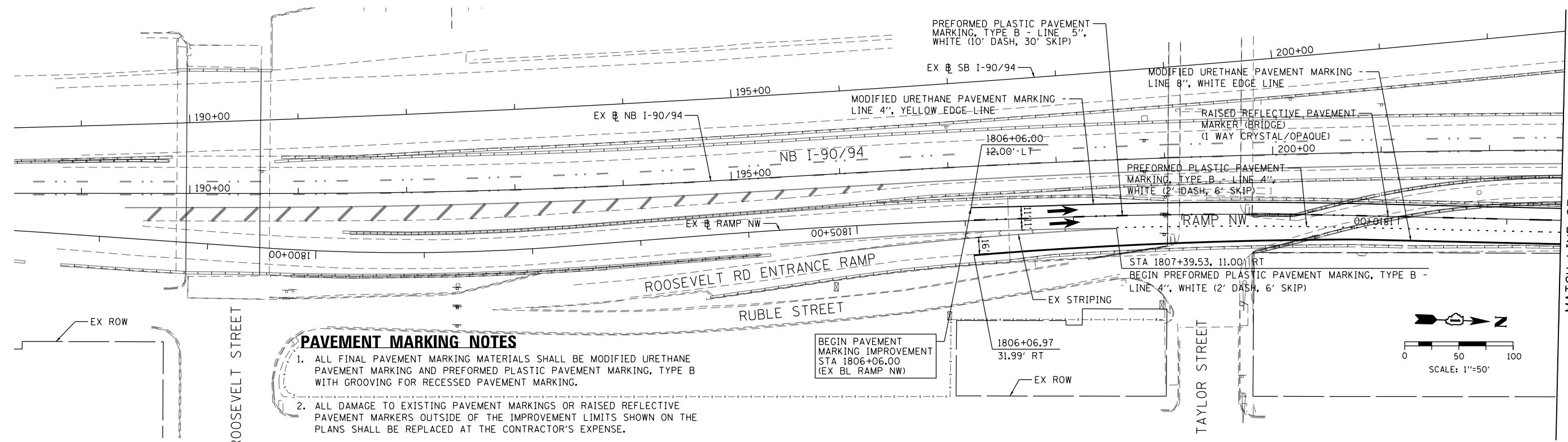
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
 WB I-290 MAINLINE**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 5250+87.94 TO STA. 5237+25

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	175
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

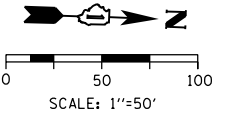
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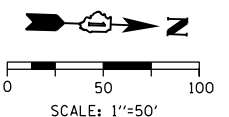
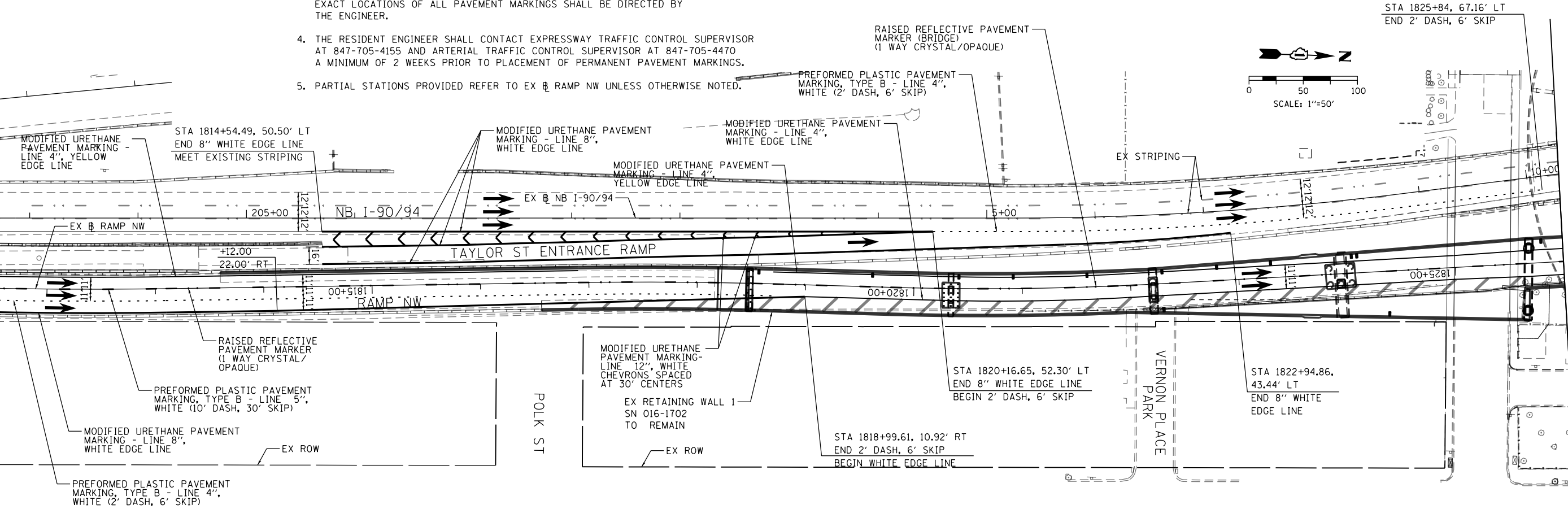
PAVEMENT MARKING NOTES

1. ALL FINAL PAVEMENT MARKING MATERIALS SHALL BE MODIFIED URETHANE PAVEMENT MARKING AND PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING.
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.
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5. PARTIAL STATIONS PROVIDED REFER TO EX RAMP NW UNLESS OTHERWISE NOTED.

BEGIN PAVEMENT MARKING IMPROVEMENT
STA 1806+06.00
(EX BL RAMP NW)



MATCH LINE STA 1811+50
SEE BELOW



MATCH LINE STA 1826+00
(EX RAMP NW)
SEE SHEET 175

MATCH LINE STA 1811+50
SEE ABOVE



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 1806+06 TO STA. 1824+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	176
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

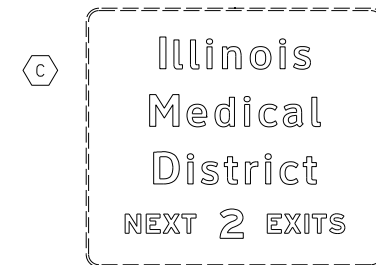
SIGN NUMBERING CODE

EXAMPLE

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



EX-01-BM: SPECIAL (186"x102")
EXISTING SIGN TO REMAIN
STA 5247+79



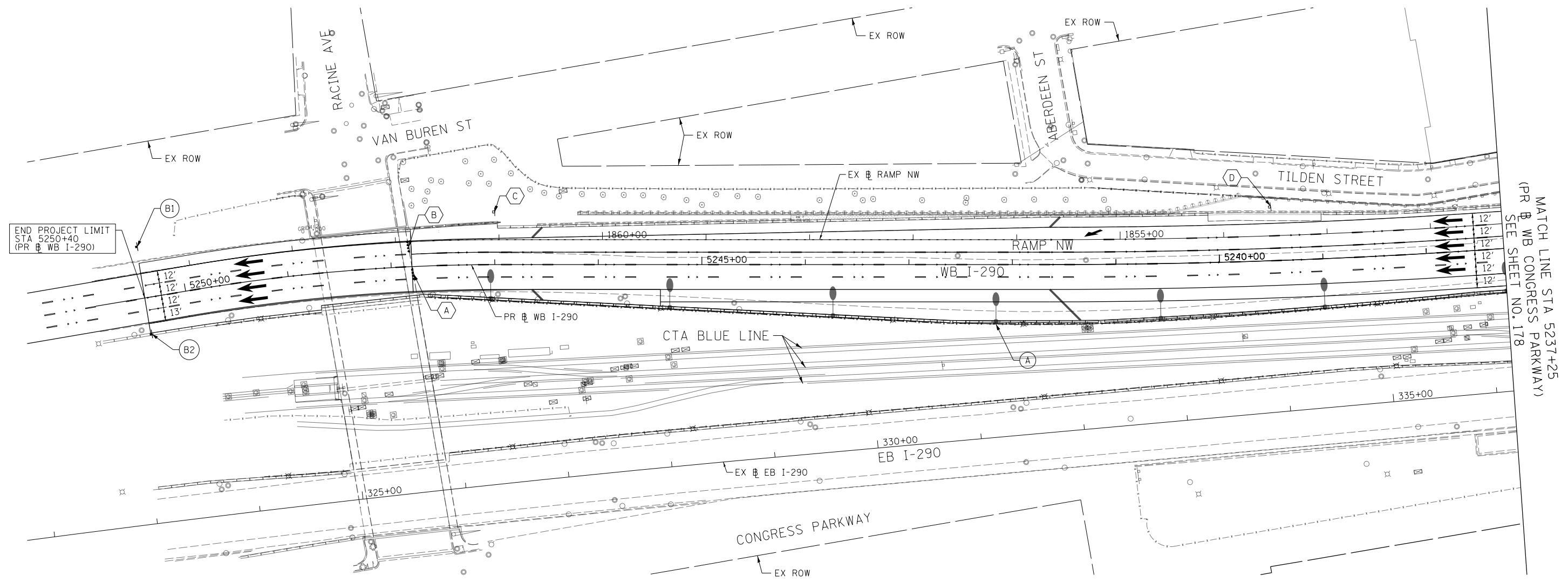
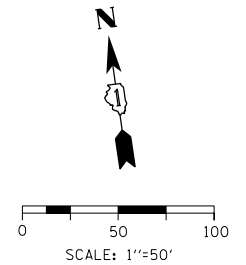
EX-03-GM: SPECIAL (186"x162")
EXISTING SIGN TO REMAIN
STA 5247+00, 51.0' RT



EX-02-BM: SPECIAL (204"x102")
EXISTING SIGN TO REMAIN
STA 5247+82



EX-04-ST: SPECIAL
EX-05-ST: SPECIAL
EXISTING SIGNS TO REMAIN
STA 5239+50, 52.0' RT

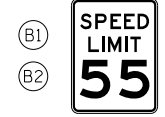


END PROJECT LIMIT
STA 5250+40
(PR # WB I-290)

MATCH LINE STA 5237+25
(PR # WB CONGRESS PARKWAY)
SEE SHEET NO. 178



WB-01-LP: M4-I110 (36"x18")
SIGN PANEL T1
OBTAIN EXACT SIGN DESIGN FROM
CENTRAL SIGN SHOP
WB-02-LP: M1-I100 (36"x36")
SIGN PANEL T1
STA 5242+16, 55.0' LT



WB-03A-WP: R2-1 (36"x48")
SIGN PANEL T2
STA 5250+40, 50' RT
WB-03B-PM: R2-1 (36"x48")
SIGN PANEL T2
STA 5250+40, 35.45' LT

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.
- ALL STATIONINGS ARE FROM PR # WB I-290 UNLESS OTHERWISE NOTED.



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CHECKED - DBM	REVISED -
DATE - 3/14/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
WB I-290 MAINLINE

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 5250+87.94 TO STA. 5237+25

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	177
				CONTRACT NO. 60X77
ILLINOIS FED. AID PROJECT				

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University of Illinois at Chicago
EXIT 28B

EXIT 28B
Ashland Ave
1/2 MILE

MATCH LINE STA 5237+25
(PR & WB CONGRESS PARKWAY)
SEE SHEET NO. 177

MATCH LINE STA 5223+00
(PR & WB CONGRESS PARKWAY)
SEE SHEET NO. 179

EX-07-CM: SPECIAL (186"x162")
EXISTING SIGN TO REMAIN
STA 5235+00, 52.8' RT

EX-06-CM: W4-2R (48"x48")
EXISTING SIGN TO REMAIN
STA 5235+00, 52.8' RT

EX-09-SP: R5-1 (30"x30")
EXISTING SIGN TO REMAIN
STA 1847+88, 51.7' RT
(EX & RAMP NW)

EX-10-SP: R10-11a (30"x36")
EXISTING SIGN TO REMAIN
STA 1847+88, 51.7' RT
(EX & RAMP NW)

EX-11-PM: R5-1 (30"x30")
EXISTING SIGN TO REMAIN
STA 1847+83, 20.1' RT
(EX & RAMP NW)

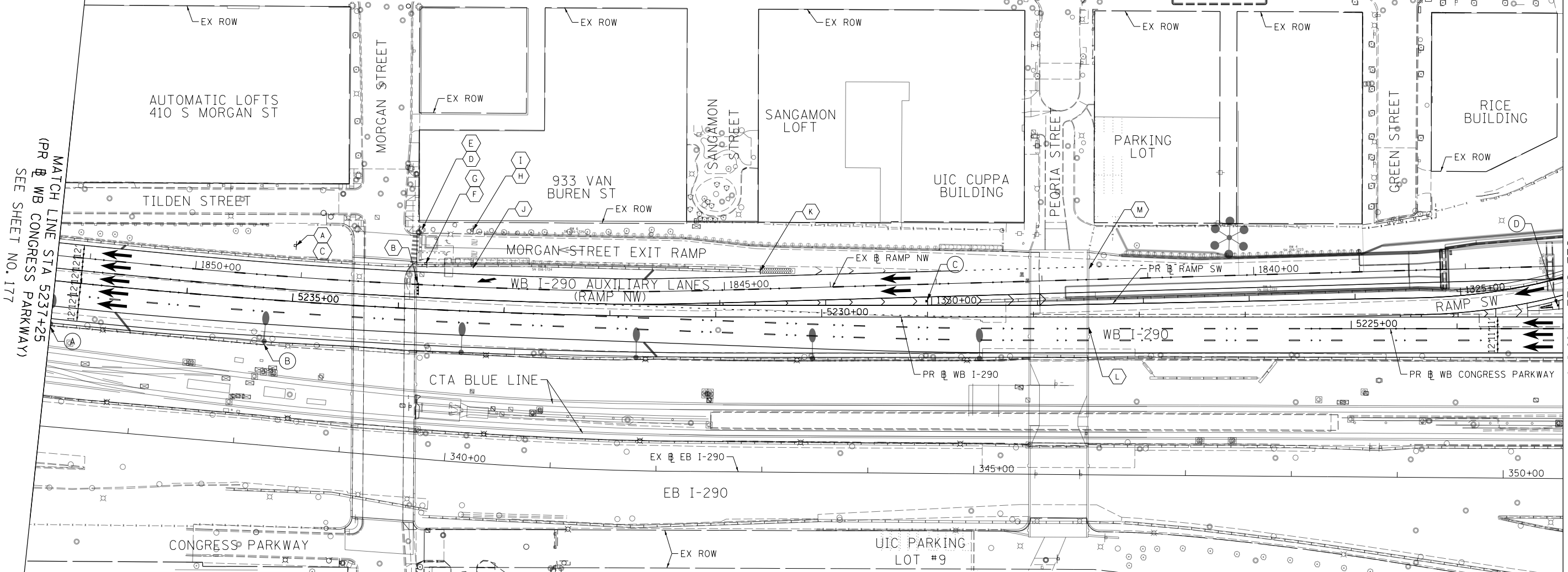
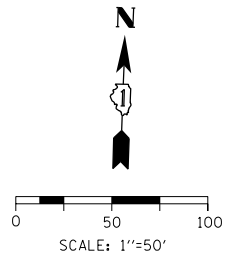
EX-12-PM: SPECIAL (24"x24")
EXISTING SIGN TO REMAIN
STA 1847+83, 20.1' RT
(EX & RAMP NW)

EX-13-TS: R3-8 (30"x30")
EXISTING SIGN TO REMAIN
STA 1847+41, 53.7' RT
(EX & RAMP NW)

EX-14-TS: R5-1a (36"x24")
EXISTING SIGN TO REMAIN
STA 1847+41, 53.7' RT
(EX & RAMP NW)

EX-15-TS: R5-1a (36"x24")
EXISTING SIGN TO REMAIN
STA 1847+39, 21.9' RT
(EX & RAMP NW)

EX-17-WP: E5-1A (90"x60")
EXISTING SIGN TO REMAIN
MX-18-WP: E13-1p (72"x24")
EXISTING SIGN TO REMAIN
STA 1844+66, 17.1' RT
(EX & RAMP NW)



EXIT 28B
Ashland Ave
3/4 MILE

EXIT 29B
Morgan St

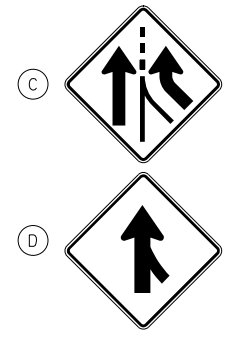
EX-19-BM: SPECIAL (138"x30")
EX-20-BM: SPECIAL (204"x72")
EXISTING SIGNS TO REMAIN
STA 5227+48

EX-21-BM: SPECIAL (138"x30")
EX-22-BM: SPECIAL (210"x60")
EXISTING SIGNS TO REMAIN
STA 5227+48



WB-04-LP: D10-2a (12"x48")
MILEPOST MKR ASSEMBLY
STA 5237+25, 41.0' LT

WB-05-LP: M3-4
(INTERSTATE) (30"x15")
SIGN PANEL T1
WB-06-LP: M1-1 (45"x36")
SIGN PANEL T2
STA 5235+24, 39.4' LT



WB-07-WP: W4-3R (48"x48")
SIGN PANEL T2
WOOD SIN SUPPORT
STA 5223+19, 18.2' RT
(PR & WB CONGRESS PARKWAY)

WB-08-WP: W4-1R (48"x48")
SIGN PANEL T2
WOOD SIN SUPPORT
STA 5223+05, 22' RT
(PR & WB CONGRESS PARKWAY)

SIGN NUMBERING CODE EXAMPLE

DIRECTION OF TRAFFIC	WB-03-LP	MOUNTING TYPE
WB - WESTBOUND I-290		
EX - EXISTING		
SIGN PANEL NUMBER		

- 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.
 - ALL STATIONINGS ARE FROM PR & WB I-290 UNLESS OTHERWISE NOTED.



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DRAWN - ZND	REVISED -
CHECKED - DBM	REVISED -
DATE - 3/14/2016	REVISED -

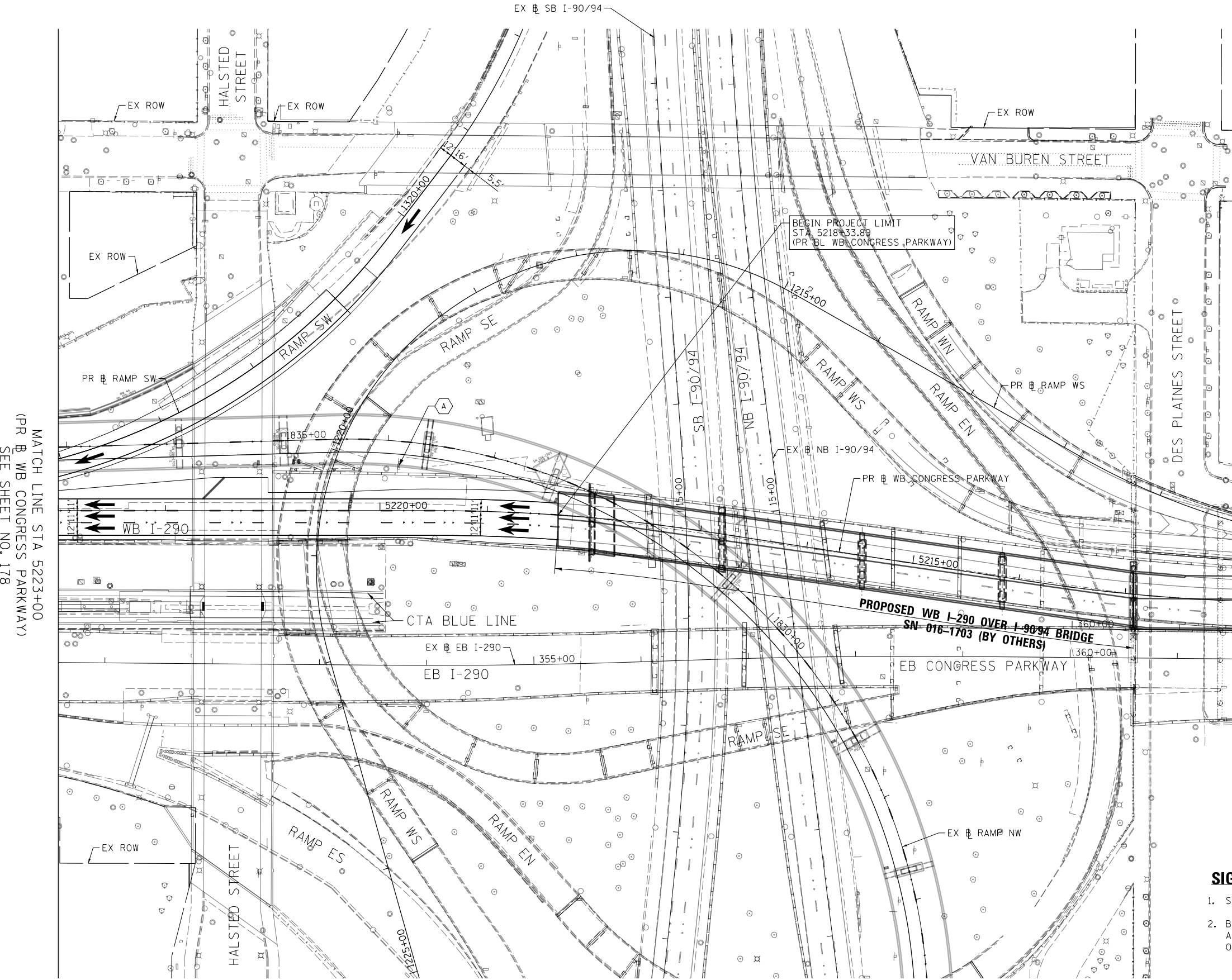
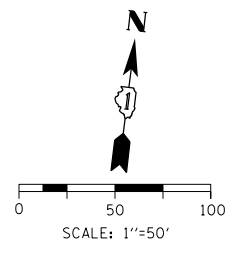
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
WB I-290 MAINLINE

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 5250+87.94 TO STA. 5237+25

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	178
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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NOTICE
 MOVE OVER - SLOW DOWN
 FOR STOPPED EMERGENCY
 OR MAINTENANCE VEHICLES
 IT'S THE LAW

EX-23-GM: SPECIAL
 EXISTING SIGN TO REMAIN
 STA 5219+82, 42.3' RT
 (PR WB CONGRESS PARKWAY)

MATCH LINE STA 5223+00
 (PR WB CONGRESS PARKWAY)
 SEE SHEET NO. 178

**SIGN NUMBERING CODE
 EXAMPLE**

DIRECTION OF TRAFFIC	WB-03-LP	MOUNTING TYPE
WB - WESTBOUND I-290		ST - STEEL POST
EX - EXISTING		TS - TELESCOPING STEEL
		LP - LIGHT POLE BANDING
		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 - TRUSS SUPPORT MOUNTED
		(S) - SPECIAL

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.

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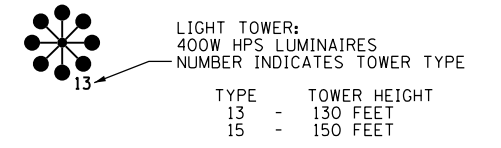
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN WB I-290 MAINLINE	
SCALE: 1"=50'	SHEET 3 OF 3 SHEETS
STA. 5250+87.94 TO STA. 5237+25	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	179
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

ELECTRICAL SYMBOLS FOR PROPOSED WORK



- LIGHTING UNIT: TYPE AS INDICATED
- 47'-6" M.H., 6 FT. DAVIT ARM
400W HPS M-C-III LUMINAIRE.
MOUNTED ON MEDIAN BARRIER WALL
- 47'-6" M.H., 2-6 FT. DAVIT ARM
2-400W HPS M-C-III LUMINAIRES.
MOUNTED ON MEDIAN BARRIER WALL
- TEMPORARY LUMINAIRE AND POLE
- UNDERPASS LUMINAIRE:
HPS, WATTAGE 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"
- JUNCTION BOX: TYPE AND SIZE AS INDICATED
ON PLANS
- PULL BOX: TYPE AND SIZE AS INDICATED
ON PLANS
- TELEPHONE CONNECTION
- FIBER OPTIC COMMUNICATIONS HUT

- 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
- CONTROLLER CABINET: LIGHTING, RADIO CONTROL
DUPLEX 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 PLANS
- HIGHWAY ADVISORY RADIO ANTENNA
- ELECTRIC UTILITY POLE
- CCTV CAMERA POLE
- POLE MOUNTED ELECTRIC UTILITY TRANSFORMER(S)

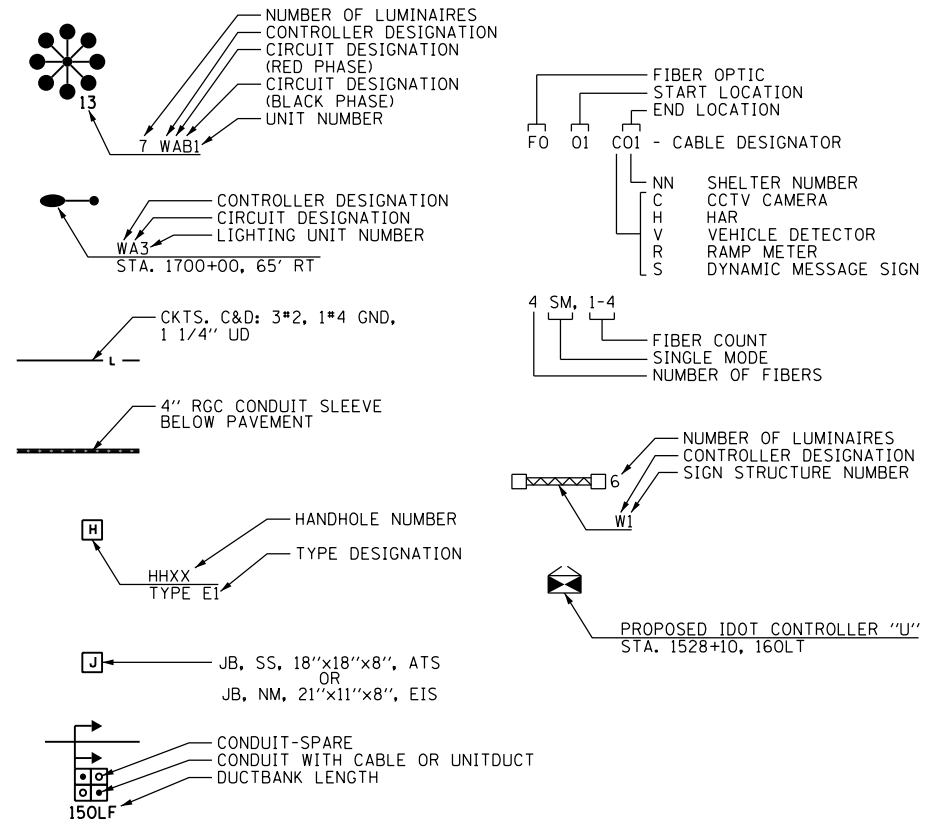
ELECTRICAL SYMBOLS FOR EXISTING CONDITIONS

- 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

- 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
- EXISTING RAMP METER FLASHER
- EXISTING HIGHWAY ADVISORY RADIO ANTENNA
- EXISTING CCTV CAMERA POLE
- EXISTING UTILITY SERVICE CONNECTION,
POLE MOUNTED
- EXISTING UTILITY SERVICE CONNECTION,
PAD MOUNTED
- EXISTING CONCEALED CONDUIT IN STRUCTURE
- EXISTING EXPOSED CONDUIT
- EXISTING RACEWAY OR DIRECT BURIED CABLE
WITHOUT ENCASEMENT
- EXISTING CONCEALED CONDUIT UNDERGROUND,
TRENCHED OR PUSHED
- EXISTING ELECTRIC CABLE IN CONDUIT SLEEVE
- EXISTING AERIAL CABLE TO REMAIN

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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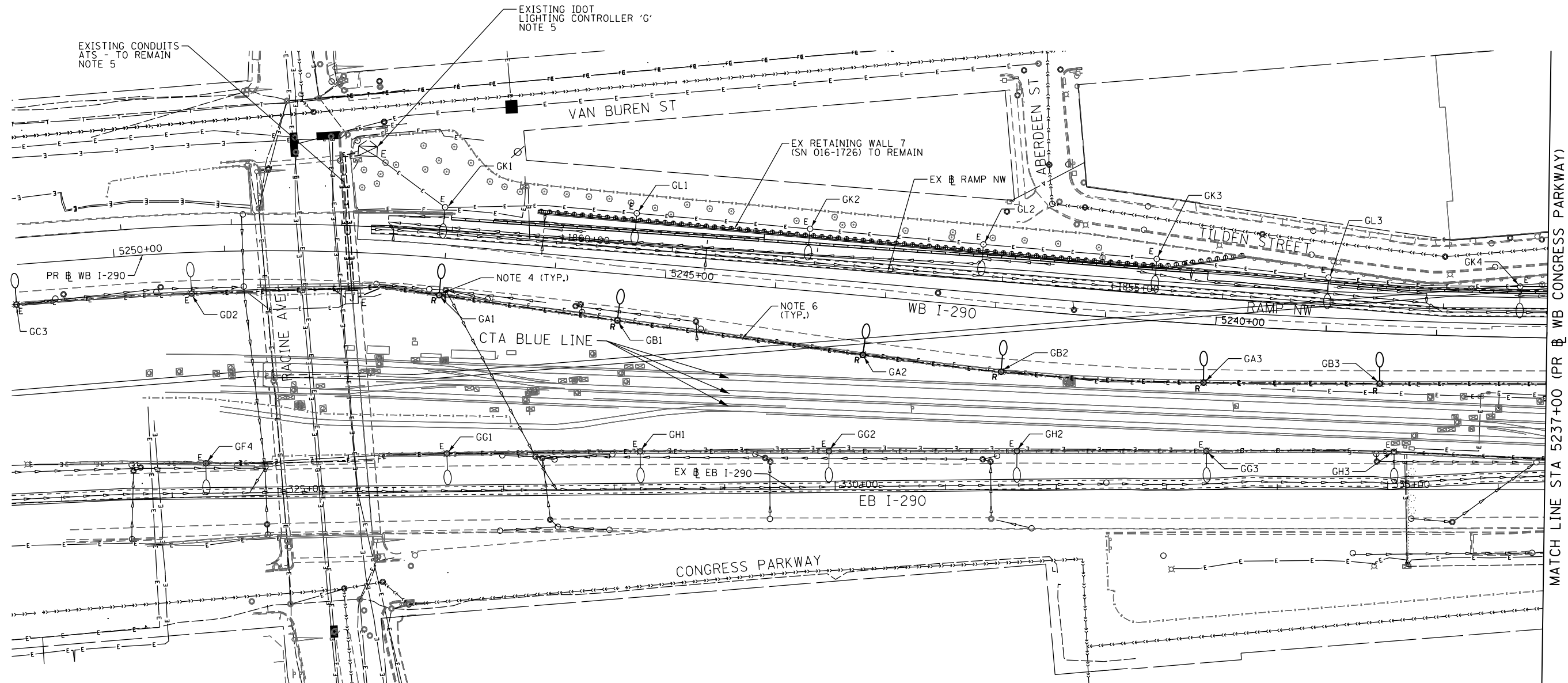
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IDOT ELECTRICAL SYMBOLS

SCALE: N.T.S. SHEET 1 OF 12 SHEETS STA. TO STA.

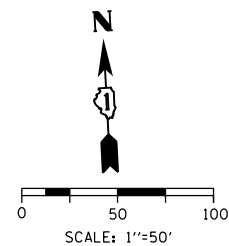
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90/94/290	2014-003R&B	COOK	431	180
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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NOTES:

1. SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
2. LOCATIONS OF EXISTING IDOT ELECTRICAL EQUIPMENT SHOWN ON THIS SHEET ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
3. ALL WORK SHOWN ON THIS SHEET MUST BE COORDINATED WITH THIS CONTRACT'S CONSTRUCTION WORK AND STAGING.
4. ALL EXISTING LIGHTING UNITS SHOWN TO BE REMOVED ON THIS SHEET SHALL BE SALVAGED TO IDOT, UNLESS NOTED OTHERWISE.
5. REMOVE EXISTING LIGHTING CIRCUIT CABLES A & B FROM THE EXISTING CONDUITS ATTACHED TO STRUCTURE BACK TO THE LIGHTING CONTROLLER. CLEAN EXISTING CONDUITS AS NEEDED TO INSTALL THE PROPOSED LIGHTING CIRCUIT CABLES AS SHOWN ON DRAWING E-05.
6. EXISTING CABLES IN THE MEDIAN WALL TO BE DEMOLISHED SHALL BE ABANDONED IN PLACE. THE CONTRACTOR WILL NOT BE PAID FOR REMOVAL OF THE EXISTING CABLE IN THE PORTIONS OF THE WALL TO BE REMOVED.



E-02



D160X77-sht-Light-02
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 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 3/14/2016

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DATE - 3/14/2016	REVISED -

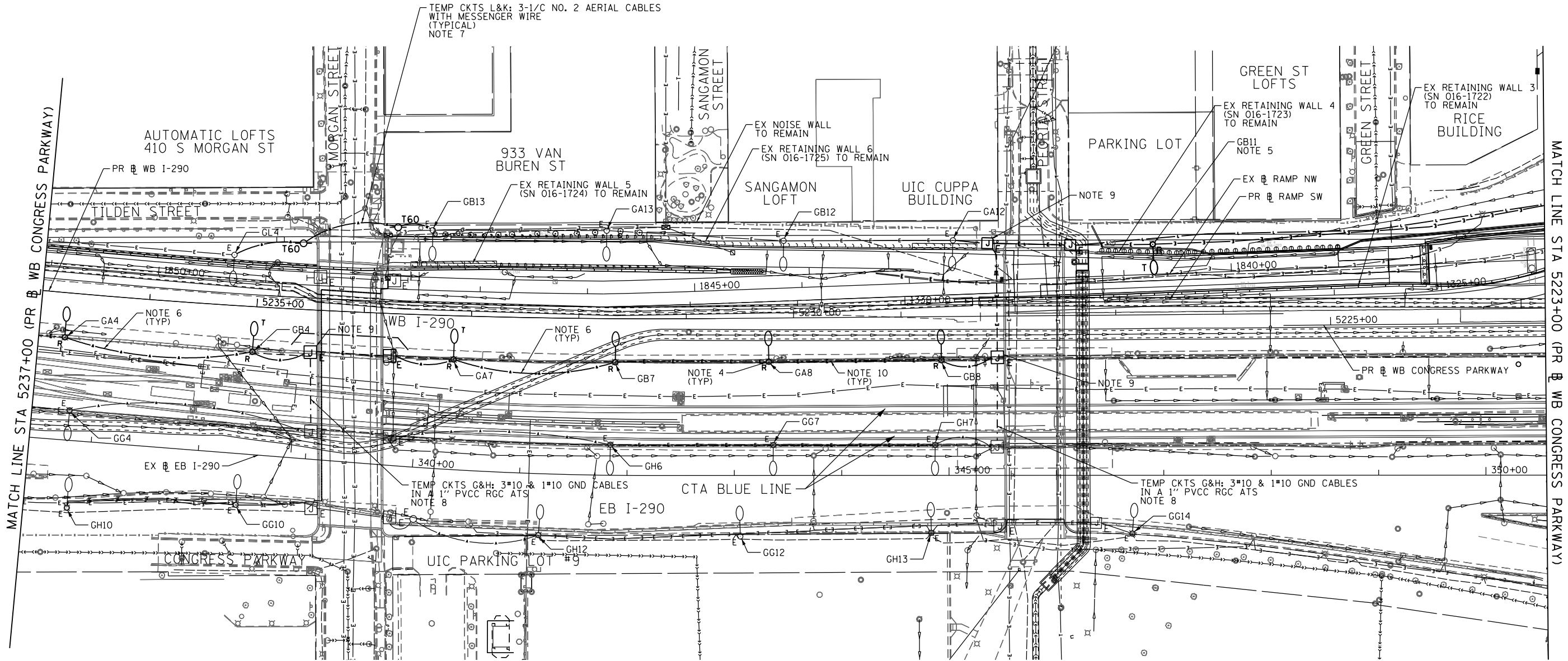
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING/TEMPORARY LIGHTING PLAN
 WB I-290 MAINLINE**

SCALE: 1"=50' SHEET 2 OF 12 SHEETS STA. 5250+87.94 TO STA. 5237+00

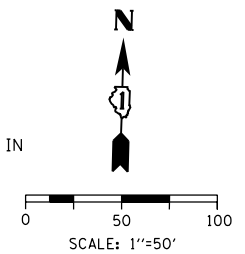
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90/94/290	2014-003R&B	COOK	431	181
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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NOTES:

1. SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
2. LOCATIONS OF EXISTING IDOT ELECTRICAL EQUIPMENT SHOWN ON THIS SHEET ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
3. ALL WORK SHOWN ON THIS SHEET MUST BE COORDINATED WITH THIS CONTRACT'S CONSTRUCTION WORK AND STAGING.
4. ALL EXISTING LIGHTING UNITS SHOWN ON THIS SHEET SHALL BE SALVAGED TO IDOT, UNLESS NOTED OTHERWISE.
5. REMOVE EXISTING TEMPORARY LIGHTING UNIT AFTER LIGHT TOWER 6 GMN1 HAS BEEN INSTALLED AND THE NEW LIGHTING POWER FEED BETWEEN LIGHT TOWERS 6 GMN1 AND 7 GMN2 HAS BEEN INSTALLED AND ENERGIZED. SEE DRAWINGS E-06 AND E-07.
6. THE CONTRACTOR SHALL REMOVE ALL AERIAL CABLES FEEDING THE PERMANENT AND TEMPORARY LIGHTING UNITS SHOWN TO BE REMOVED. THE COST TO REMOVE AND DISPOSE OF THE AERIAL CABLES WILL NOT BE PAID FOR SEPARATELY AND WILL BE INCLUDED IN THE COST OF THE APPLICABLE "REMOVAL OF LIGHTING UNIT" AND "REMOVAL OF TEMPORARY LIGHTING UNIT" PAY ITEMS.
7. PROVIDE A TEMPORARY POWER FEED FOR THE MORGAN STREET ENTRANCE RAMP AS SHOWN. PROVIDE THE REQUIRED WORK AND MAKE CONNECTIONS TO THE EXISTING LIGHTING UNITS FOR A COMPLETE, OPERATIONAL TEMPORARY LIGHTING SYSTEM POWER CONNECTION.
8. PROVIDE A TEMPORARY POWER FEED FROM THE EXISTING EB I-290 UNDERPASS LIGHTING SYSTEM (CKTS G&H) TO PROVIDE TEMPORARY POWER TO THE WB I-290 UNDERPASS LIGHTING SYSTEM (CKTS A&B). ROUTE CONDUIT AND CABLES BETWEEN THE EXISTING JUNCTION BOXES ATTACHED TO STRUCTURE AS SHOWN AND PROVIDE THE NECESSARY SPLICES. THIS TEMPORARY FEED SHALL BE REMOVED AFTER THE PERMANENT FEED, SHOWN ON DRAWING E-06, HAS BEEN INSTALLED AND ENERGIZED.
9. DISCONNECT THE EXISTING POWER FEED FROM LIGHTING CIRCUITS A&B PRIOR TO CONNECTING THE TEMPORARY POWER FEEDS FROM LIGHTING CIRCUITS L&K AND G&H SHOWN ON THIS SHEET. EXISTING CABLES FOR CIRCUITS A&B TO REMAIN AND BE COILED IN EXISTING JUNCTION BOX FOR RE-USE.
10. EXISTING CABLES IN THE MEDIAN WALL TO BE DEMOLISHED SHALL BE ABANDONED IN PLACE. THE CONTRACTOR WILL NOT BE PAID FOR REMOVAL OF THE EXISTING CABLE IN THE PORTIONS OF THE WALL TO BE REMOVED.



E-03



D160X77-sht-Light-03
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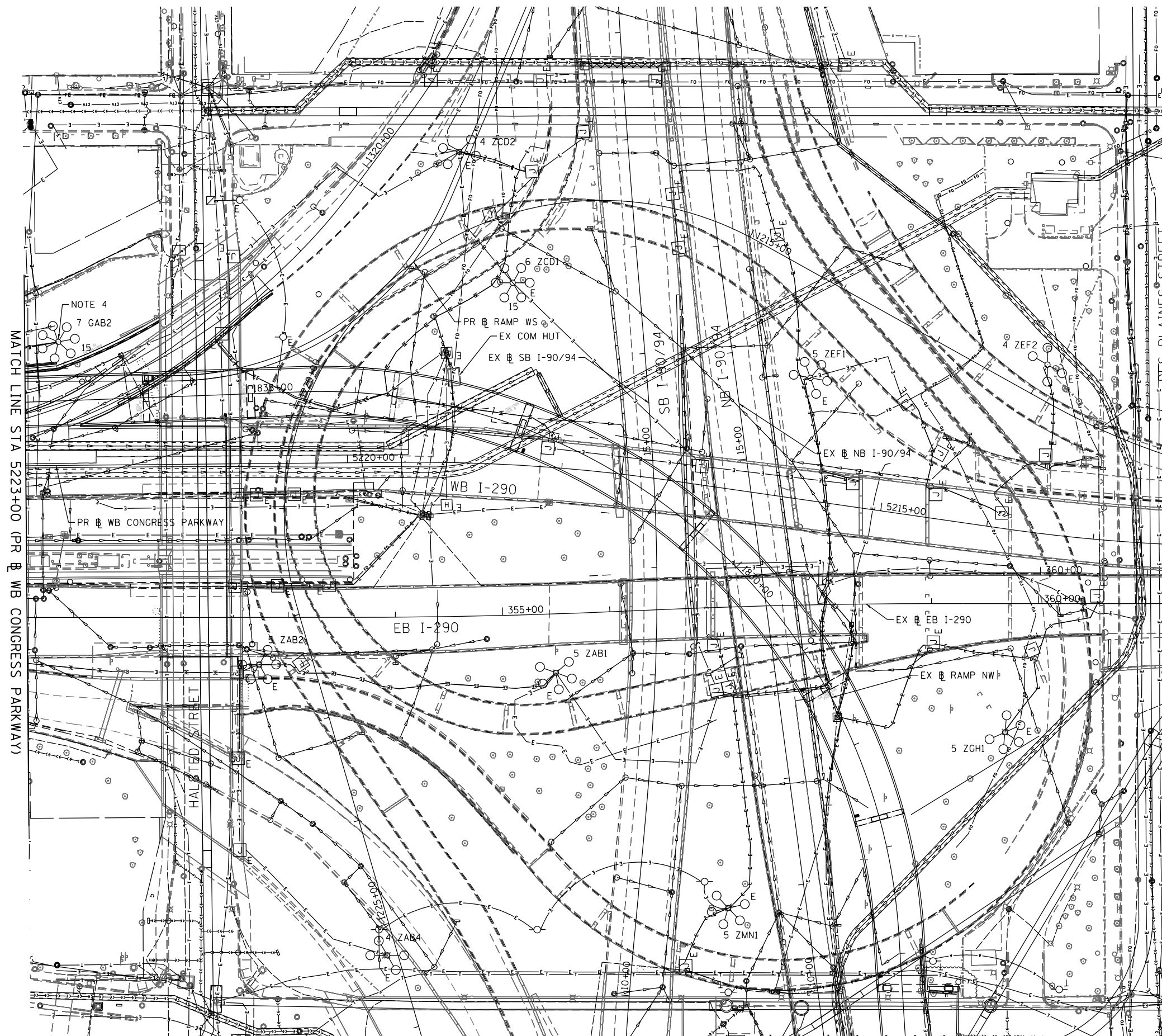
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING/TEMPORARY LIGHTING PLAN
 WB I-290 MAINLINE**
 SCALE: 1"=50' SHEET 3 OF 12 SHEETS STA. 5237+00 TO STA. 5223+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	182
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

NOTES:

1. SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
2. LOCATIONS OF EXISTING IDOT ELECTRICAL EQUIPMENT SHOWN ON THIS SHEET ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
3. ALL WORK SHOWN ON THIS SHEET MUST BE COORDINATED WITH THIS CONTRACT'S CONSTRUCTION WORK AND STAGING.
4. REMOVE THE EXISTING LIGHTING DECALS ON THE LIGHT TOWER '7 GAB2' AND PROVIDE NEW DECALS TO RENAME THE LIGHT TOWER '7 GMN2'.



NOTE 4
7 GAB2
15

PR RAMP WS
EX COM HUT
EX SB I-90/94

WB I-290

EB I-290

EX EB I-290

EX RAMP NW

5 ZGH1

5 ZMN1

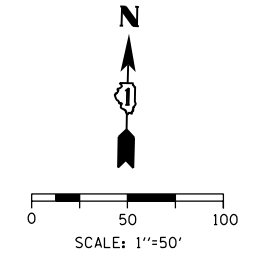
4 ZAB4

5 ZAB2

MATCH LINE STA 5223+00 (PR WB CONGRESS PARKWAY)

HALSTED STREET

DES PLAINES STREET



E-04

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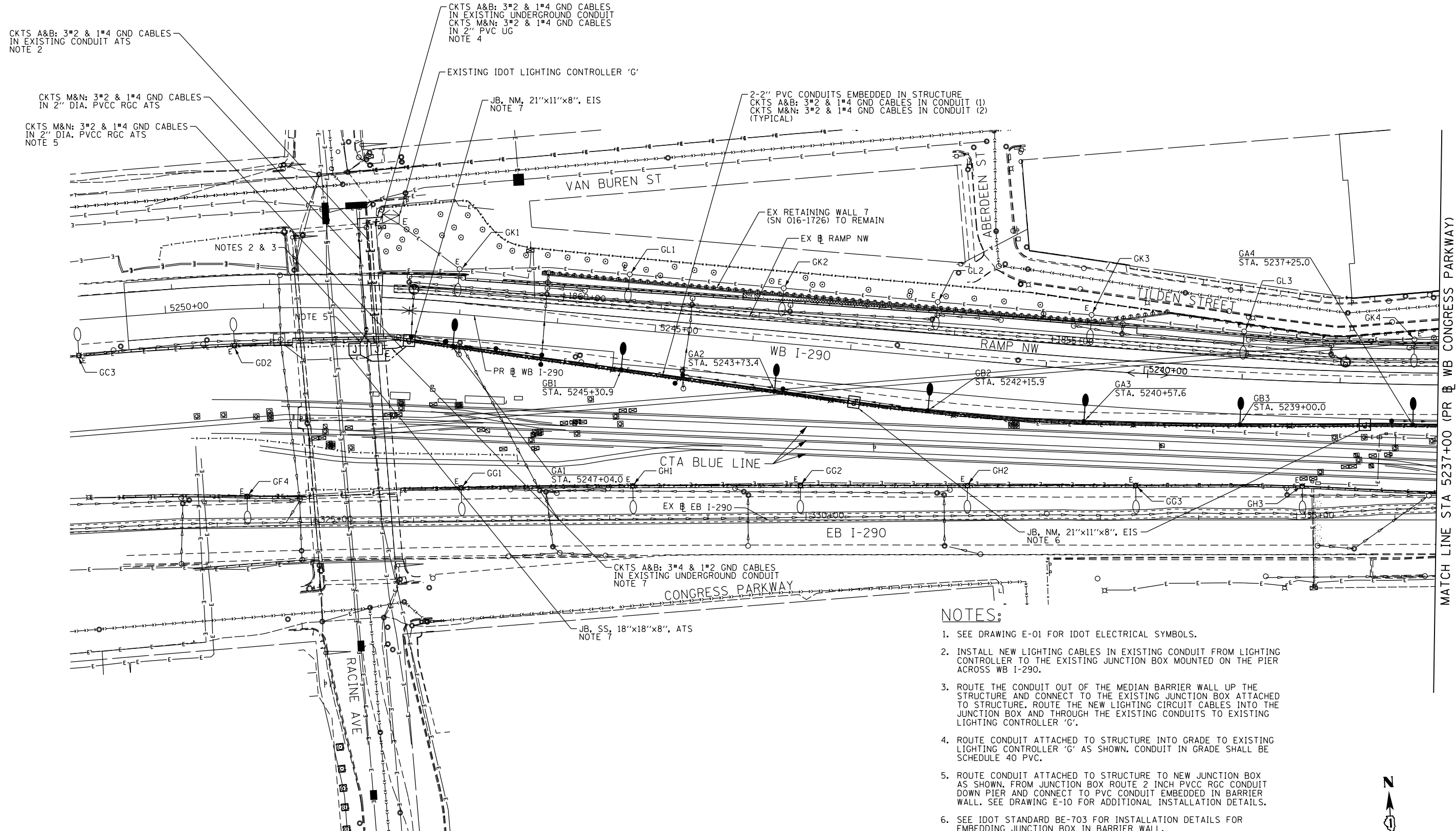
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

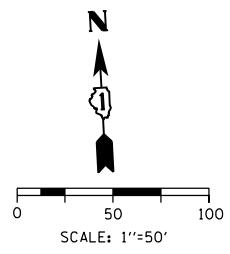
EXISTING/TEMPORARY LIGHTING PLAN	
WB I-290 MAINLINE	
SCALE: 1"=50'	SHEET 4 OF 12 SHEETS
STA. 5223+00 TO STA. 5208+26.55	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	183
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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- NOTES:**
- SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
 - INSTALL NEW LIGHTING CABLES IN EXISTING CONDUIT FROM LIGHTING CONTROLLER TO THE EXISTING JUNCTION BOX MOUNTED ON THE PIER ACROSS WB I-290.
 - ROUTE THE CONDUIT OUT OF THE MEDIAN BARRIER WALL UP THE STRUCTURE AND CONNECT TO THE EXISTING JUNCTION BOX ATTACHED TO STRUCTURE. ROUTE THE NEW LIGHTING CIRCUIT CABLES INTO THE JUNCTION BOX AND THROUGH THE EXISTING CONDUITS TO EXISTING LIGHTING CONTROLLER 'G'.
 - ROUTE CONDUIT ATTACHED TO STRUCTURE INTO GRADE TO EXISTING LIGHTING CONTROLLER 'G' AS SHOWN. CONDUIT IN GRADE SHALL BE SCHEDULE 40 PVC.
 - ROUTE CONDUIT ATTACHED TO STRUCTURE TO NEW JUNCTION BOX AS SHOWN. FROM JUNCTION BOX ROUTE 2 INCH PVCC RGC CONDUIT DOWN PIER AND CONNECT TO PVC CONDUIT EMBEDDED IN BARRIER WALL. SEE DRAWING E-10 FOR ADDITIONAL INSTALLATION DETAILS.
 - SEE IDOT STANDARD BE-703 FOR INSTALLATION DETAILS FOR EMBEDDING JUNCTION BOX IN BARRIER WALL.
 - SEE DRAWING E-10 FOR CONDUIT ROUTING DETAILS.



MATCH LINE STA 5237+00 (PR & WB CONGRESS PARKWAY)

E-05



D160X77-sht-Light-05
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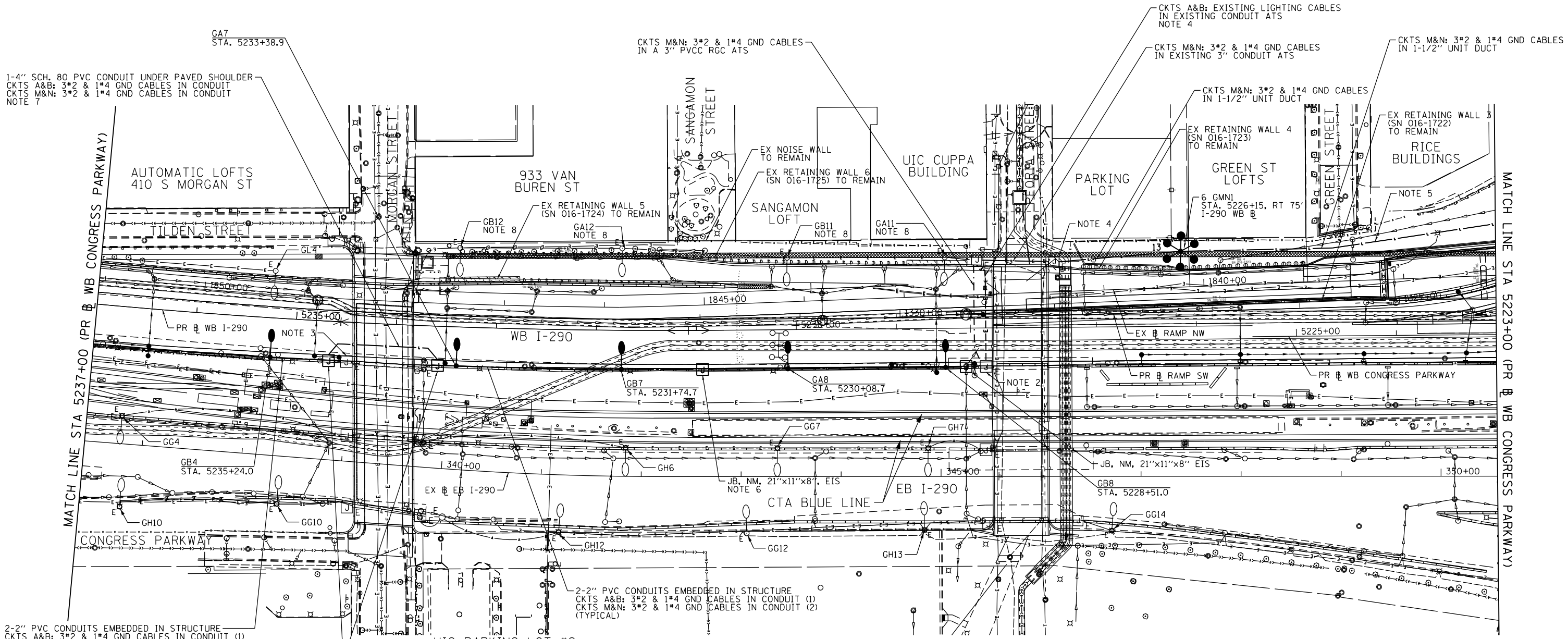
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
 WB I-290 MAINLINE**

SCALE: 1"=50' SHEET 5 OF 12 SHEETS STA. 5250+87.94 TO STA. 5237+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	184
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



1-4" SCH. 80 PVC CONDUIT UNDER PAVED SHOULDER
 CKTS A&B: 3*2 & 1*4 GND CABLES IN CONDUIT
 CKTS M&N: 3*2 & 1*4 GND CABLES IN CONDUIT
 NOTE 7

CKTS M&N: 3*2 & 1*4 GND CABLES
 IN A 3" PVCC RGC ATS

CKTS A&B: EXISTING LIGHTING CABLES
 IN EXISTING CONDUIT ATS
 NOTE 4

CKTS M&N: 3*2 & 1*4 GND CABLES
 IN EXISTING 3" CONDUIT ATS

CKTS M&N: 3*2 & 1*4 GND CABLES
 IN 1-1/2" UNIT DUCT

CKTS M&N: 3*2 & 1*4 GND CABLES
 IN 1-1/2" UNIT DUCT

EX RETAINING WALL 4
 (SN 016-1723)
 TO REMAIN

EX RETAINING WALL 3
 (SN 016-1722)
 TO REMAIN

AUTOMATIC LOFTS
 410 S MORGAN ST

933 VAN
 BUREN ST

UIC CUPPA
 BUILDING

GREEN ST
 LOFTS

RICE
 BUILDINGS

MATCH LINE STA 5237+00 (PR & WB CONGRESS PARKWAY)

MATCH LINE STA 5223+00 (PR & WB CONGRESS PARKWAY)

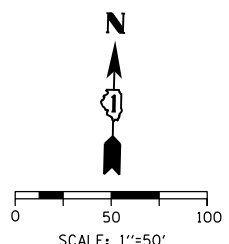
2-2" PVC CONDUITS EMBEDDED IN STRUCTURE
 CKTS A&B: 3*2 & 1*4 GND CABLES IN CONDUIT (1)
 CKTS M&N: 3*2 & 1*4 GND CABLES IN CONDUIT (2)
 (TYPICAL)

2-2" PVC CONDUITS EMBEDDED IN STRUCTURE
 CKTS A&B: 3*2 & 1*4 GND CABLES IN CONDUIT (1)
 CKTS M&N: 3*2 & 1*4 GND CABLES IN CONDUIT (2)
 (TYPICAL)

JB, NM, 21"x11"x8", EIS
 NOTE 7

NOTES:

- SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
- ROUTE THE CONDUIT OUT OF THE MEDIAN BARRIER WALL UP THE STRUCTURE AND CONNECT TO THE EXISTING JUNCTION BOX ATTACHED TO STRUCTURE. ROUTE THE NEW LIGHTING CIRCUIT CABLES INTO THE JUNCTION BOX TO CONNECT TO PEORIA STREET UNDERPASS AND THE MORGAN STREET RAMP LIGHTING CIRCUITS A&B. SEE DRAWING E-10 FOR ADDITIONAL DETAILS.
- ROUTE THE 3" CONDUIT OUT OF THE MEDIAN BARRIER WALL UP THE PIER TO THE EXISTING JUNCTION BOX. SPLICE NEW LIGHTING CIRCUITS TO THE EXISTING MORGAN STREET UNDERPASS LIGHTING SYSTEM CIRCUITS LOCATED IN THE JUNCTION BOX ATTACHED TO STRUCTURE. SEE DRAWING E-10 FOR ADDITIONAL DETAILS.
- RECONNECT EXISTING LIGHTING CIRCUITS A&B TO NEW LIGHTING CIRCUITS A&B IN EXISTING JUNCTION BOX.
- ROUTE NEW LIGHTING CIRCUITS FROM PROPOSED LIGHT TOWER 6 GMN1 INTO EXISTING LIGHT TOWER 7 GMN2 AND SPLICE TO EXISTING LIGHTING CIRCUITS.
- SEE IDOT STANDARD BE-703 FOR INSTALLATION DETAILS FOR EMBEDDING THE JUNCTION BOX IN A BARRIER WALL.
- SEE DRAWING E-10 FOR CONDUIT ROUTING DETAILS.
- PROVIDE NEW LIGHTING DECALS ON THE EXISTING LIGHTING UNIT TO RENAME AS SHOWN.



E-06












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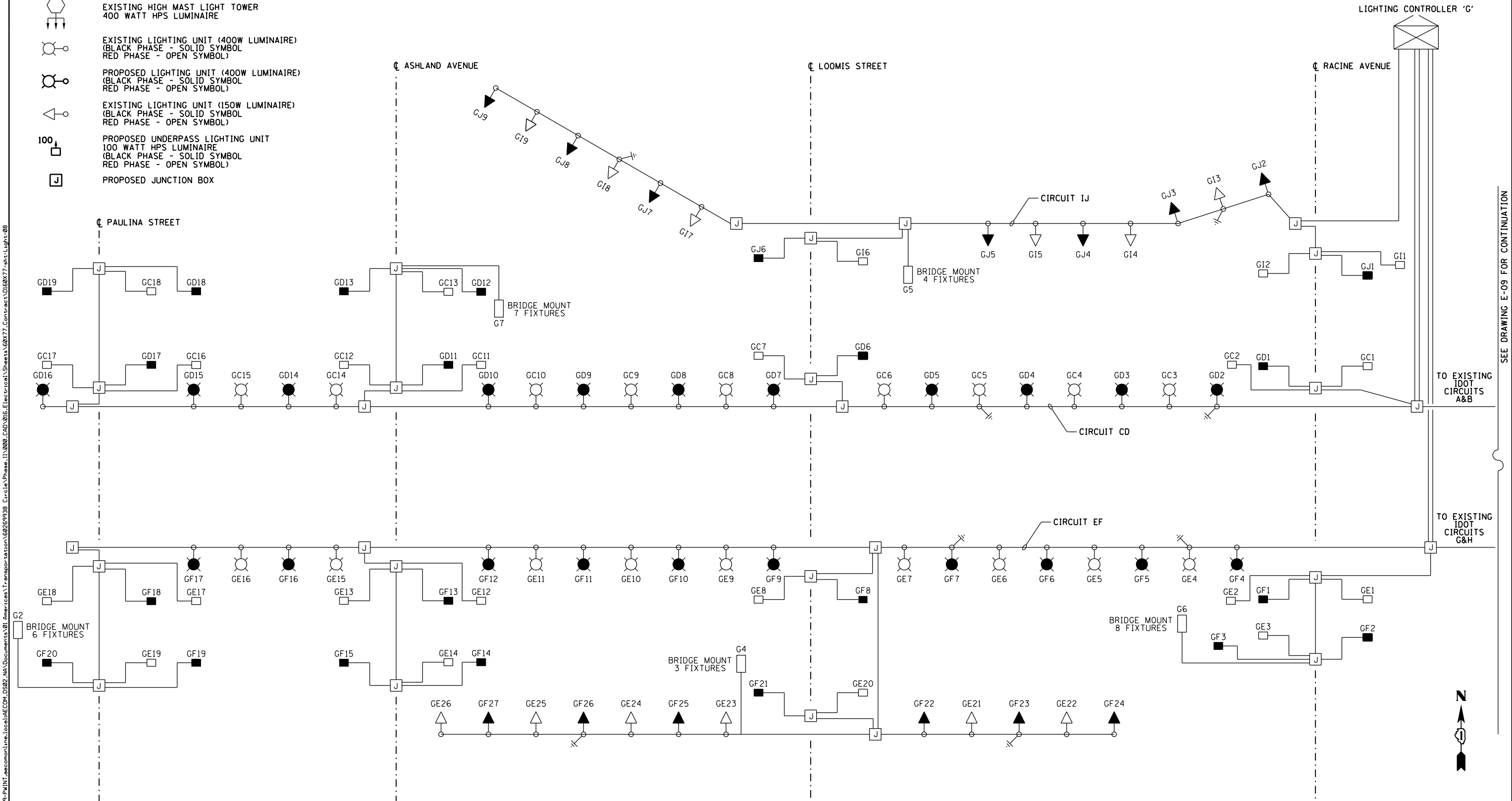
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
WB I-290 MAINLINE
SCALE: 1"=50'
SHEET 6 OF 12 SHEETS
STA. 5237+00 TO STA. 5223+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	185
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

SYMBOLS LEGEND

-  EXISTING IDOT LIGHTING CONTROLLER
-  EXISTING JUNCTION BOX
-  EXISTING UNDERPASS LIGHTING UNIT
55 WATT LPS LUMINAIRE
-  EXISTING HIGH MAST LIGHT TOWER
400 WATT HPS LUMINAIRE
-  EXISTING LIGHTING UNIT (400W LUMINAIRE)
(BLACK PHASE - SOLID SYMBOL
RED PHASE - OPEN SYMBOL)
-  PROPOSED LIGHTING UNIT (400W LUMINAIRE)
(BLACK PHASE - SOLID SYMBOL
RED PHASE - OPEN SYMBOL)
-  EXISTING LIGHTING UNIT (150W LUMINAIRE)
(BLACK PHASE - SOLID SYMBOL
RED PHASE - OPEN SYMBOL)
-  PROPOSED UNDERPASS LIGHTING UNIT
100 WATT HPS LUMINAIRE
(BLACK PHASE - SOLID SYMBOL
RED PHASE - OPEN SYMBOL)
-  PROPOSED JUNCTION BOX



NO WORK ON THIS SHEET

E-08

SEE DRAWING E-09 FOR CONTINUATION

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D160X77-sht-Light-08
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








**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

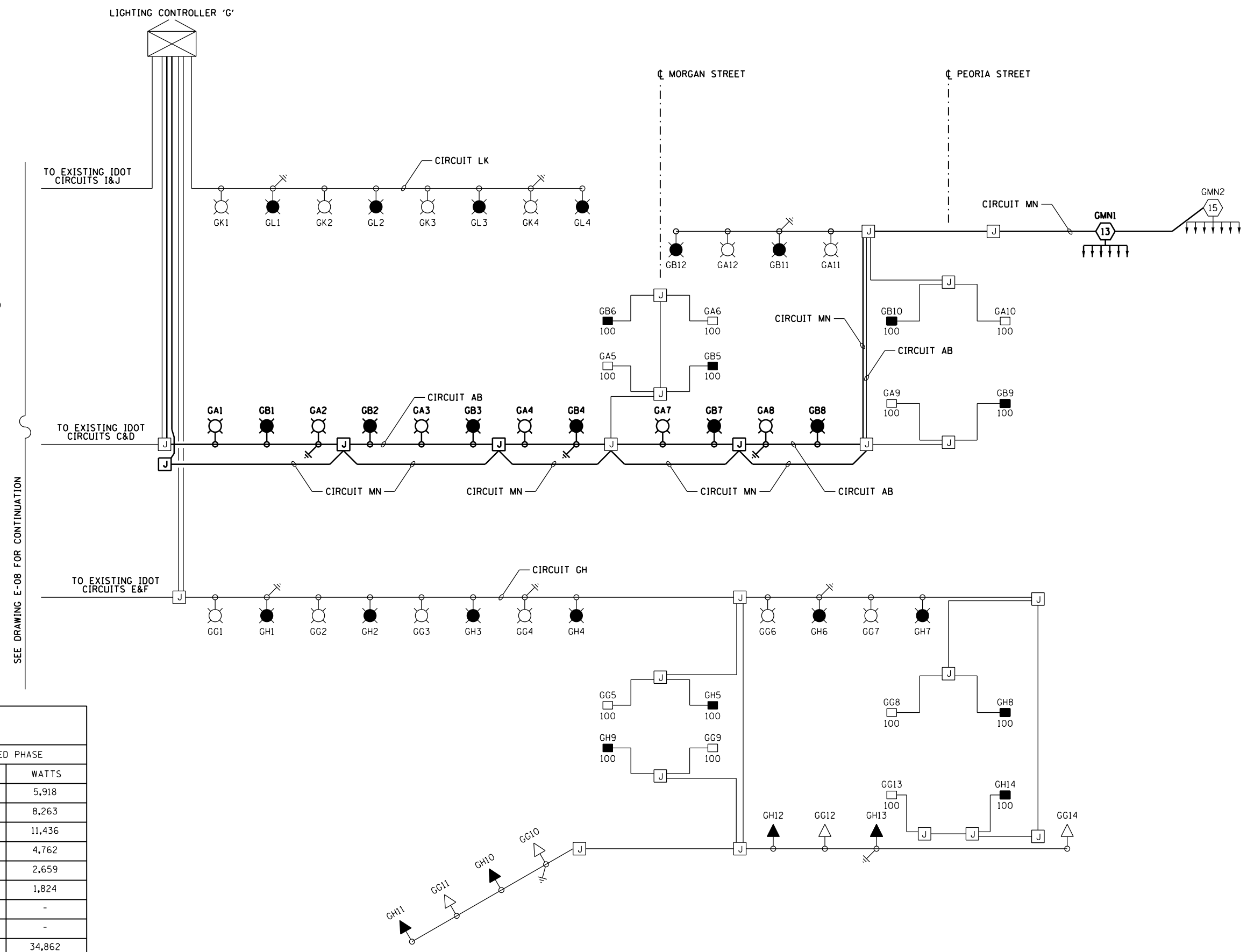
**IDOT LIGHTING CONTROLLER 'G'
 EXISTING WIRING DIAGRAM - PART 1**

SCALE: N.T.S. SHEET 8 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	187
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

SYMBOLS LEGEND

-  EXISTING IDOT LIGHTING CONTROLLER
-  EXISTING JUNCTION BOX
-  PROPOSED JUNCTION BOX
-  EXISTING UNDERPASS LIGHTING UNIT
HPS LUMINAIRE, WATTAGE AS INDICATED
-  EXISTING HIGH MAST LIGHT TOWER
400 WATT HPS LUMINAIRE
-  PROPOSED HIGH MAST LIGHT TOWER
400 WATT HPS LUMINAIRE
-  EXISTING LIGHTING UNIT (400W LUMINAIRE)
(BLACK PHASE - SOLID SYMBOL
RED PHASE - OPEN SYMBOL)
-  EXISTING LIGHTING UNIT (150W LUMINAIRE)
(BLACK PHASE - SOLID SYMBOL
RED PHASE - OPEN SYMBOL)
-  PROPOSED LIGHTING UNIT (400W LUMINAIRE)
(BLACK PHASE - SOLID SYMBOL
RED PHASE - OPEN SYMBOL)



SEE DRAWING E-08 FOR CONTINUATION

LOAD TABLE LIGHTING CONTROLLER "G"					
CIRCUIT	BLACK PHASE		CIRCUIT	RED PHASE	
	AMPS	WATTS		AMPS	WATTS
A	25.68	6,163	B	24.66	5,918
C	31.86	7,646	D	34.43	8,263
E	46.98	11,275	F	47.65	11,436
G	19.84	4,762	H	19.84	4,762
I	11.43	2,743	J	11.08	2,659
K	7.60	1,824	L	7.60	1,824
M	-	-	N	-	-
O	-	-	P	-	-
TOTAL	143.4	34,414	TOTAL	145.3	34,862

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D160X77-shd-Light-09
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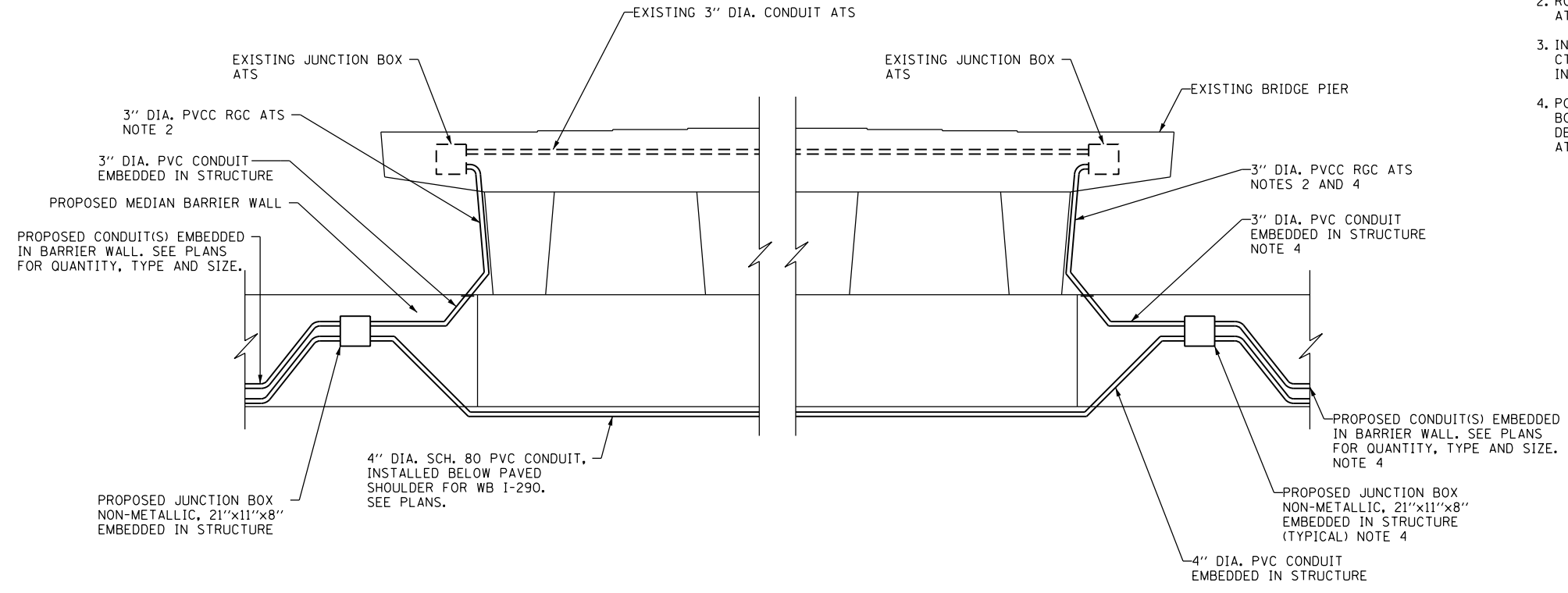
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IDOT LIGHTING CONTROLLER 'G'
 EXISTING WIRING DIAGRAM - PART 2**

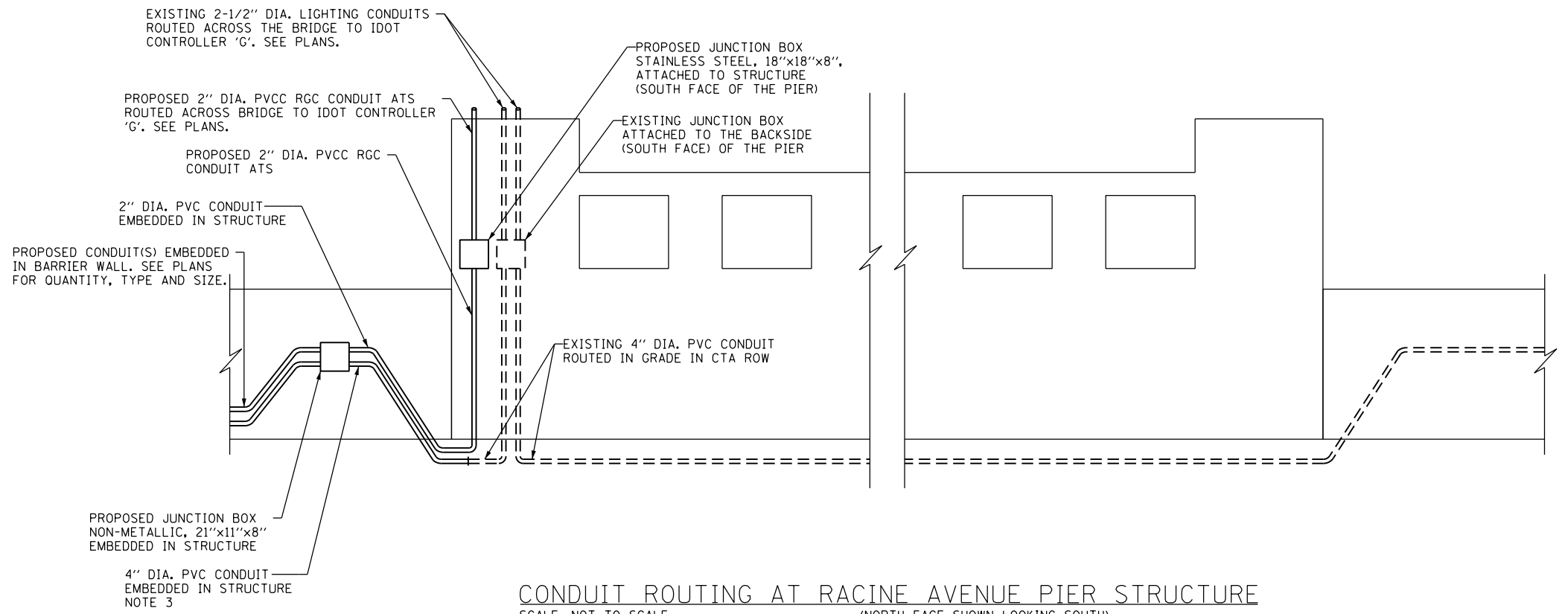
SCALE: N.T.S. SHEET 9 OF 12 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-003R&B	COUNTY COOK	TOTAL SHEETS 431	SHEET NO. 188
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

- NOTES:**
- SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
 - ROUTE NEW CONDUITS TO EXISTING JUNCTION BOX ATTACHED TO STRUCTURE.
 - INTERCEPT EXISTING CONDUIT BELOW GRADE IN CTA ROW AND ROUTE TO JUNCTION BOX EMBEDDED IN STRUCTURE.
 - PORTIONS OF THE CONDUIT AND EMBEDDED JUNCTION BOX INSTALLATION INFORMATION SHOWN ON THIS DETAIL APPLIES TO THE WORK SHOWN ON THE PLANS AT THE PEORIA STREET PIER STRUCTURE.



CONDUIT ROUTING AT MORGAN STREET PIER STRUCTURE
 SCALE: NOT TO SCALE NOTE 4 (NORTH FACE SHOWN LOOKING SOUTH)



CONDUIT ROUTING AT RACINE AVENUE PIER STRUCTURE
 SCALE: NOT TO SCALE NOTE 3 (NORTH FACE SHOWN LOOKING SOUTH)

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

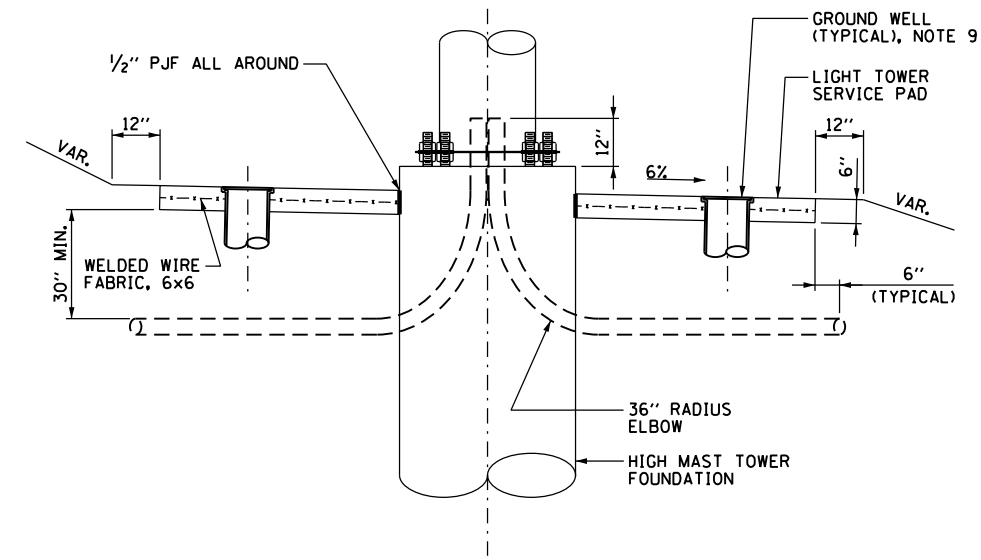
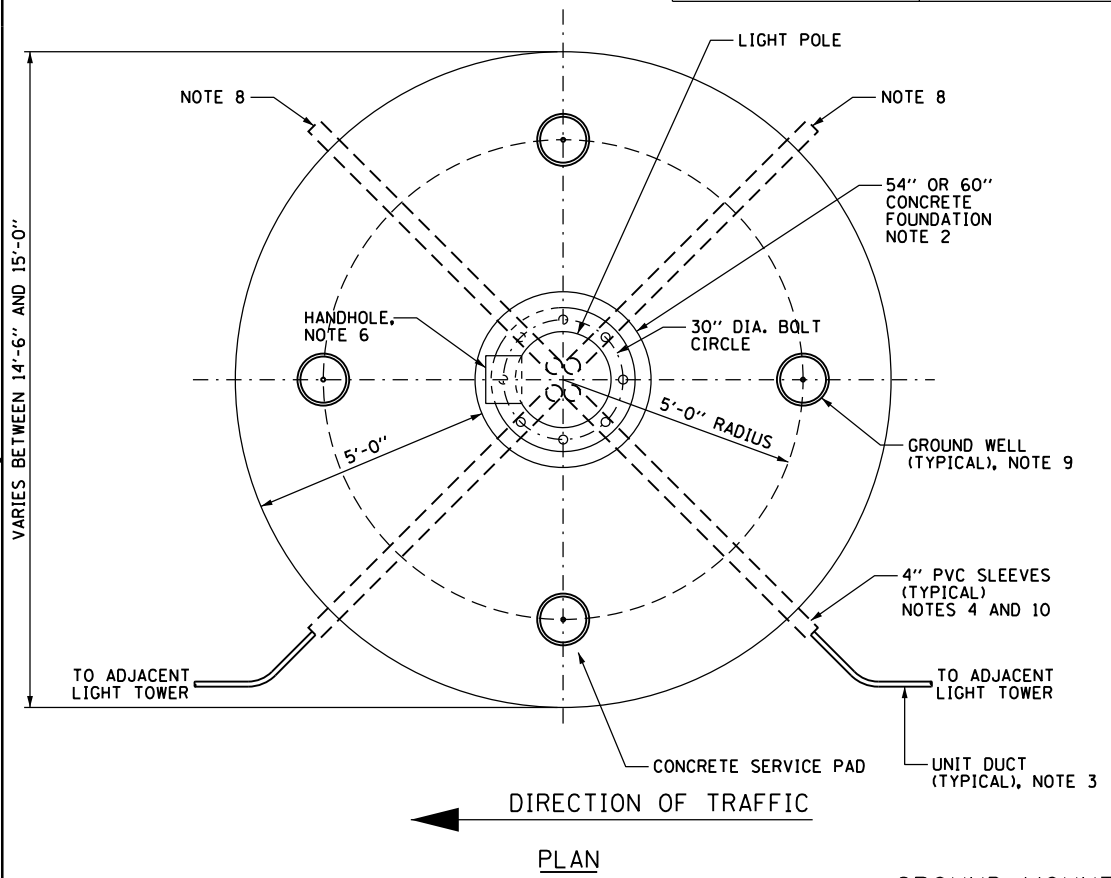
MISCELLANEOUS ELECTRICAL DETAILS

SCALE: N.T.S. SHEET 10 OF 12 SHEETS STA. TO STA.

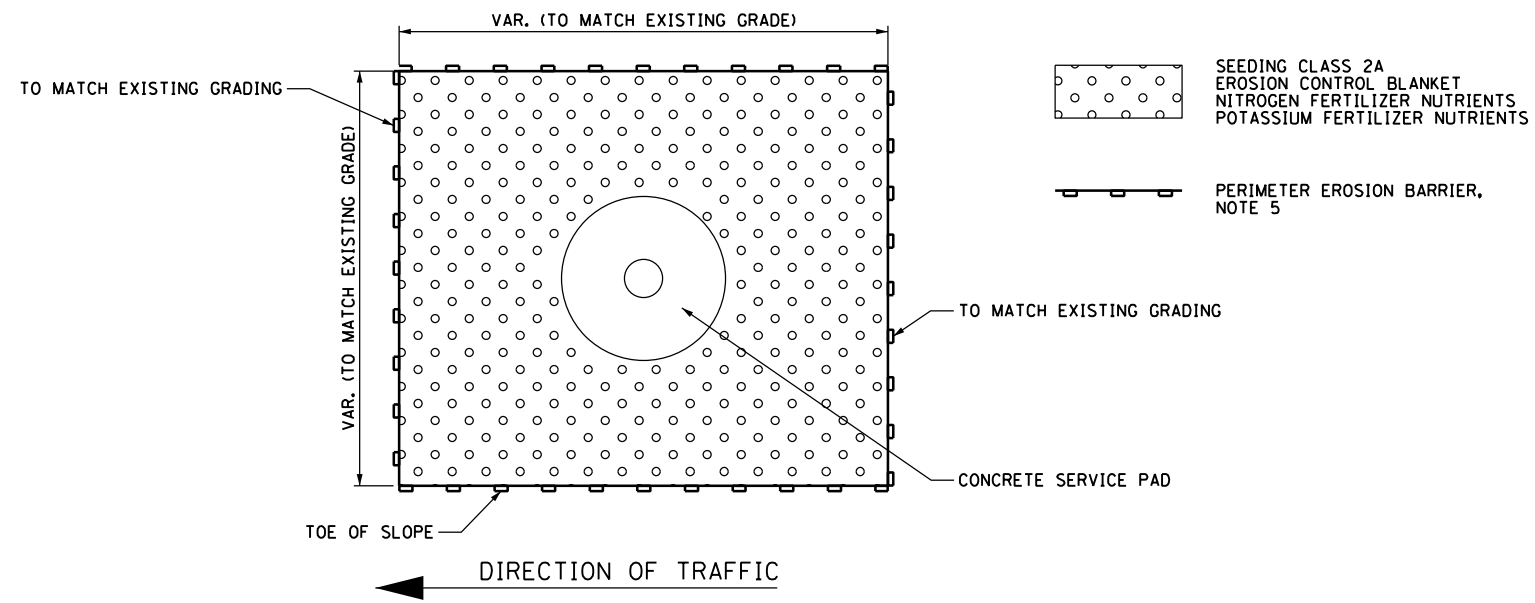
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	189
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

HIGH MAST LIGHT TOWER FOUNDATION SCHEDULE

HIGH MAST LIGHT TOWER IDENTIFICATION	HIGH MAST LIGHT TOWER FOUNDATION LOCATION			HIGH MAST LIGHT TOWER FOUNDATION ELEVATIONS			HIGH MAST TOWER HEIGHT	REMARKS AND NOTES
	STATION	OFFSET (NOTE 4)	BASELINE	TOP ELEVATION	BOTTOM ELEVATION	DESIGN DEPTH (FT)		
6 GMN1	5226+15	75.0' RT	I-290 WB	594.83	541.33	53.5	130'	SEE NOTE 11



GROUND MOUNTED HIGH MAST TOWER SERVICE PAD, GROUNDING AND CONDUIT INSTALLATION DETAILS
NOT TO SCALE



- NOTES:**
- SEE DRAWINGS E-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - SEE IDOT STANDARD DRAWING BE-506 FOR ADDITIONAL HIGH MAST LIGHT TOWER FOUNDATION AND GROUND WELL DETAILS.
 - SEE PLAN DRAWINGS FOR QUANTITY, SIZE, AND TYPE OF RACEWAY AND LIGHTING CIRCUITS ROUTED TO EACH HIGH MAST LIGHT TOWER FOUNDATION.
 - PVC SLEEVES MUST BE EXTENDED 6 INCHES BEYOND THE EDGE OF THE CONCRETE PAD.
 - THE PERIMETER EROSION BARRIER IS TO BE PLACED AROUND THE WORK ZONE AREA OR AS DIRECTED BY THE ENGINEER.
 - THE HANDHOLE FOR THE HIGH MAST LIGHTING UNIT MUST BE ORIENTED SUCH THAT IT IS MOUNTED ON THE SIDE OF THE POLE THAT IS OPPOSITE THE DIRECTION OF TRAFFIC.
 - SEE THE CIVIL CROSS SECTION PLANS FOR THE PROPOSED GRADING AROUND THE LIGHT TOWER FOUNDATION AND PAD.
 - EMPTY PVC SLEEVE FOR FUTURE USE. ALL EMPTY SLEEVES MUST BE CAPPED UNLESS NOTED OTHERWISE ON THE PLANS.
 - INSTALL GROUND WELLS 5'-0" AS MEASURED FROM THE CENTER LINE OF THE HIGH MAST TOWER TO THE CENTER LINE OF THE WELL.
 - PVC CONDUIT SLEEVES SHALL BE INCLUDED IN THE COST OF THE LIGHT TOWER FOUNDATION AND SHALL NOT BE PAID FOR SEPARATELY.
 - THE SCHEDULE ON THIS DRAWING REPLACES THE "SHAFT LENGTH (D) TABLE" SHOWN ON IDOT STANDARD BE-506.

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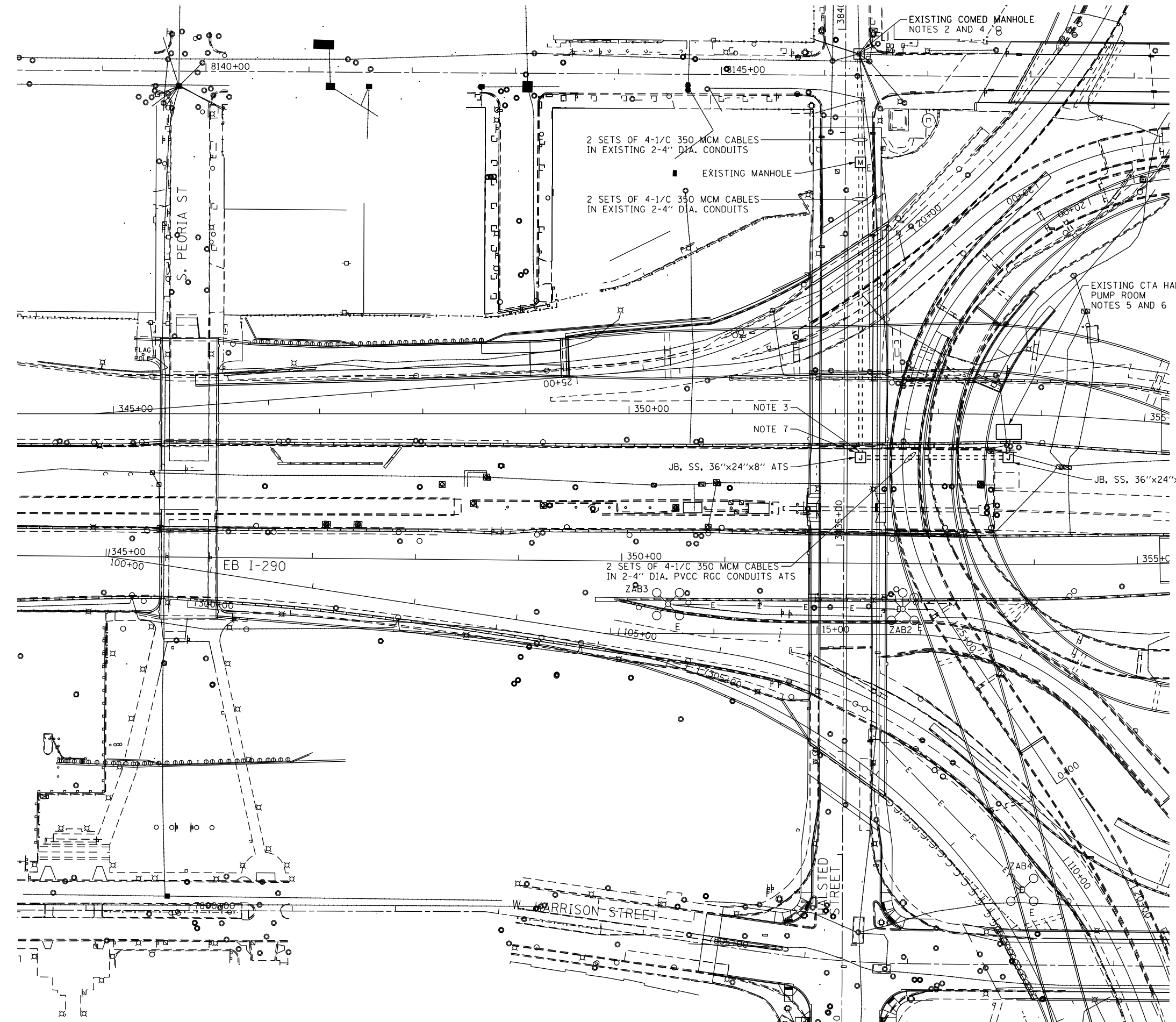
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STATE OF ILLINOIS
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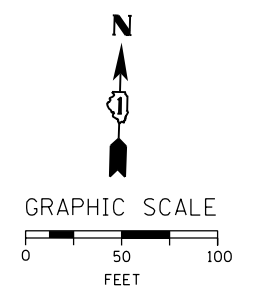
LIGHT TOWER SERVICE PAD DETAILS
 SCALE: N.T.S. SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	190
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				



NOTES:

1. SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
2. ROUTE THE CTA PUMP STATION PERMANENT FEEDER CABLES FROM THE EXISTING UTILITY SERVICE POINT FOR THE CTA PUMP ROOM LOCATED IN THE COMED MANHOLE TO THE EXISTING AC SWITCHGEAR LOCATED WITHIN THE CTA'S HALSTED PUMP ROOM AS SHOWN.
3. INTERCEPT THE TWO EXISTING 4-INCH CONDUITS LOCATED AT PIER 4 (INSTALLED UNDER IDOT CONTRACT 60W26) AND CONNECT TO THE NEW CONDUITS AND JUNCTION BOX AS SHOWN.
4. ALL WORK TO CONNECT THE NEW FEEDERS TO THE UTILITY'S ELECTRIC SERVICE POINT SHALL BE COORDINATED AND COMPLY WITH ALL ELECTRIC UTILITY (COMED) STANDARDS AND REQUIREMENTS. THE ACTUAL LOCATION OF THE UTILITY'S ELECTRIC SERVICE CONNECTION SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR AND COMED.
5. THE CONTRACTOR SHALL UTILIZE THE EXISTING PUMP ROOM WALL PENETRATIONS TO ROUTE THE NEW FEEDERS INTO THE BUILDING STRUCTURE WHEREVER POSSIBLE. IF REQUIRED, THE CONTRACTOR SHALL CORE DRILL THROUGH THE EXISTING PUMP ROOM WALL TO ROUTE THE NEW FEEDERS INTO THE PUMP ROOM TO THE EXISTING AC SWITCHGEAR. THE CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED TO INSTALL AND CONNECT THE NEW SERVICE FEEDS TO THE EXISTING AC SWITCHGEAR AS DIRECTED BY THE ENGINEER AND THE CTA. ALL WORK INSIDE THE PUMP ROOM, INCLUDING ALL CORE DRILLING WORK, EXISTING CONDUIT AND CABLE, REMOVAL AND MODIFICATIONS TO THE EXISTING SWITCHGEAR WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE LUMP SUM COST OF THE "ELECTRICAL WORK FOR CTA PUMP ROOM" PAY ITEM.
6. ALL WORK INSIDE THE CTA PUMP ROOM SHALL BE COORDINATED WITH AND APPROVED BY THE CTA PRIOR TO PURCHASING ANY MATERIALS AND STARTING ANY INSTALLATION WORK FOR THE PERMANENT FEEDERS.
7. ALL VERTICAL CONDUIT RUNS ROUTED DOWN THE PIER SHALL BE INSTALLED ON THE INSIDE OF THE PIER FACING AWAY FROM VEHICULAR TRAFFIC.



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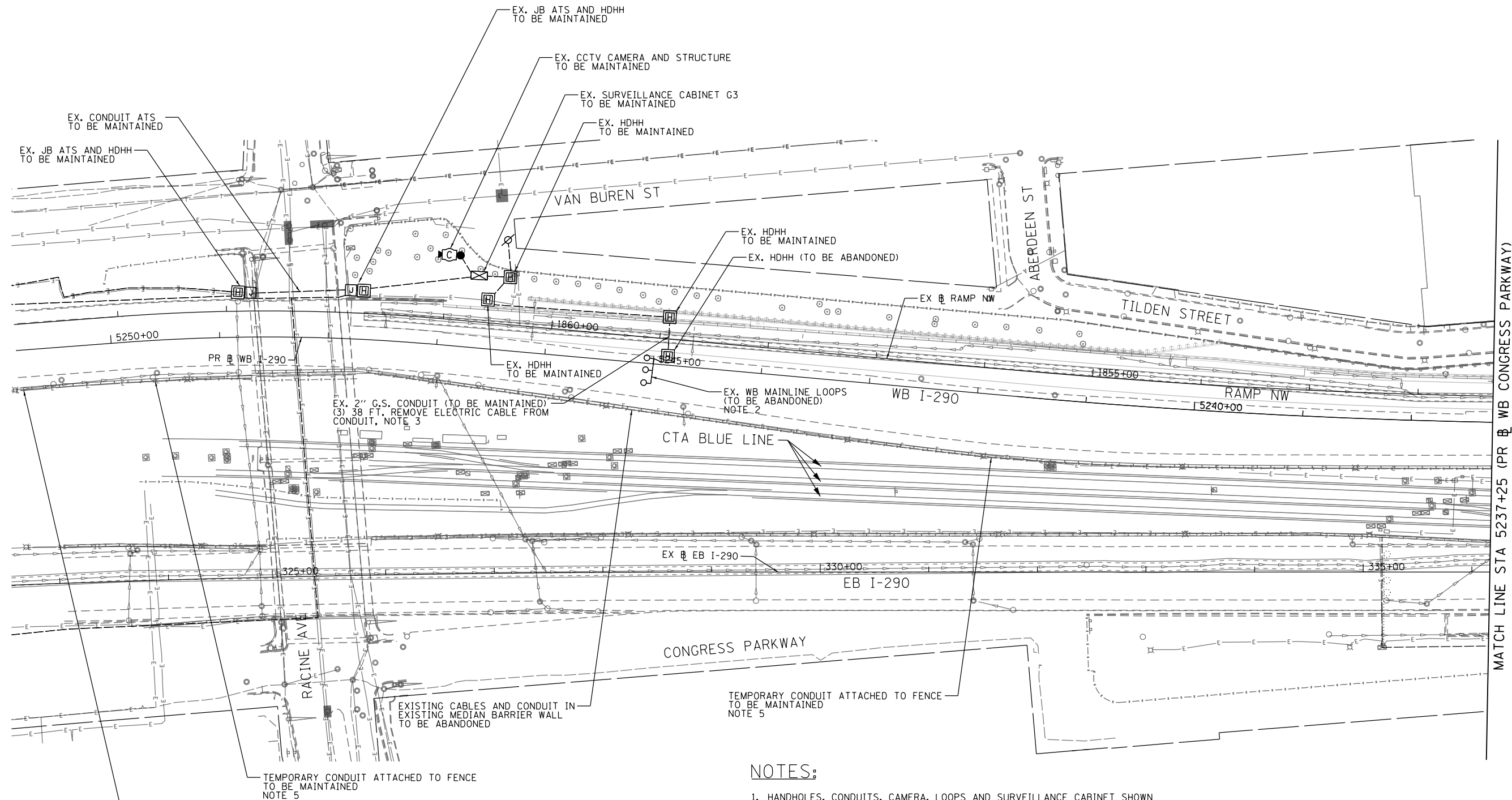
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED CTA PUMP STATION FEEDER PLAN

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	191
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

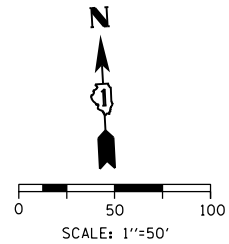
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(2) 324 FT. REMOVE ELECTRIC CABLE FROM CONDUIT
(1) 324 FT. ROD AND CLEAN DUCT EXISTING CONDUIT
NOTE 4

NOTES:

- HANDHOLES, CONDUITS, CAMERA, LOOPS AND SURVEILLANCE CABINET SHOWN IN THIS PLAN ARE TO BE INSTALLED UNDER CONTRACT 60X61.
- WB MAINLINE LOOPS ARE TEMPORARY UNDER CONTRACT 60X61 AND ARE TO BE ABANDONED UNDER THIS CONTRACT.
- DISCONNECT THE NO. 18 4/C WIRES FROM THE EXISTING LOOPS. PULL BACK TO THE EXISTING HDHH IN INSIDE SHOULDER. CUT CABLES LEAVING SUFFICIENT LENGTH FOR NEW SPLICES WITHIN THIS HDHH. PROTECT CABLES FOR FUTURE USE.
- REMOVE EXISTING FIBER OPTIC AND ELECTRICAL CABLES FROM EXISTING CONDUIT FROM THE CONSTRUCTION LIMITS OF THE NEW MEDIAN BARRIER AT STA. 5250+40 BACK WEST TO THE EXISTING EMBEDDED JUNCTION BOX AT STA. 5253+74 (APPROX.). THE EXISTING CABLES IN THIS SECTION SHOULD ALREADY BE DISCONNECTED AT THE EXISTING JUNCTION BOX.
- NO. 19 25-PAIR AND 96 SINGLE MODE FIBER OPTIC CABLES INSTALLED IN TEMPORARY CONDUIT UNDER PREVIOUS IDOT CONTRACTS ARE TO BE MAINTAINED UNTIL THE NEW MEDIAN WALL AND ALL NECESSARY ITS JUNCTION BOXES AND CONDUITS ARE INSTALLED BETWEEN THE EXISTING JUNCTION BOX AT STA. 5253+74 (APPROX.) AND THE MCD CABINET AND COMMUNICATIONS HUT.



MATCH LINE STA 5237+25 (PR & WB CONGRESS PARKWAY)

ITS-01



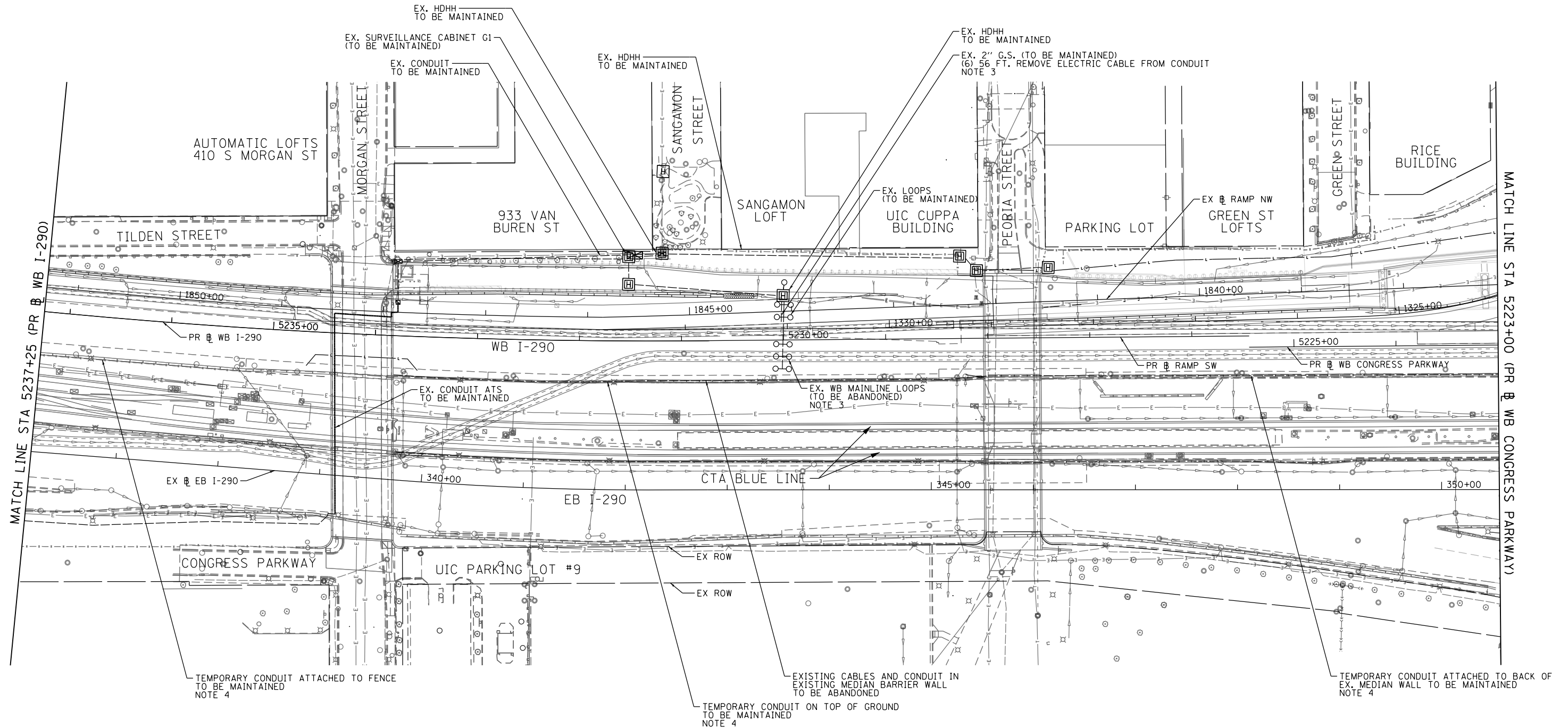
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING/MAINTAINING ITS PLAN		
WB I-290 MAINLINE		
SCALE: 1"=50'	SHEET 1 OF 13 SHEETS	STA. 5250+87.94 TO STA. 5237+25

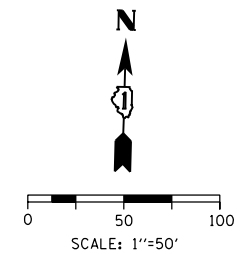
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	192
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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NOTES:

- HANDHOLES, CONDUITS, LOOPS AND SURVEILLANCE CABINET SHOWN IN THIS PLAN ARE TO BE INSTALLED UNDER CONTRACT 60X61.
- WB MAINLINE LOOPS ARE TEMPORARY UNDER CONTRACT 60X61 AND ARE TO BE ABANDONED UNDER THIS CONTRACT.
- DISCONNECT THE NO. 18 4/C WIRES FROM THE EXISTING LOOPS. PULL BACK TO THE EXISTING HDHH IN INSIDE SHOULDER. CUT CABLES LEAVING SUFFICIENT LENGTH FOR NEW SPLICES WITHIN THIS HDHH. PROTECT CABLES FOR FUTURE USE.
- NO. 19 25-PAIR AND 96 SINGLE MODE FIBER OPTIC CABLES INSTALLED IN TEMPORARY CONDUIT UNDER PREVIOUS IDOT CONTRACTS ARE TO BE MAINTAINED UNTIL THE NEW MEDIAN WALL AND ALL NECESSARY ITS JUNCTION BOXES AND CONDUITS ARE INSTALLED BETWEEN THE EXISTING JB AT STA. 5253+74 (APPROX.) AND THE MCD CABINET AND COMMUNICATIONS HUT.



ITS-02



D160X77-sht-ITS-02	DESIGNED - GWS	REVISED -
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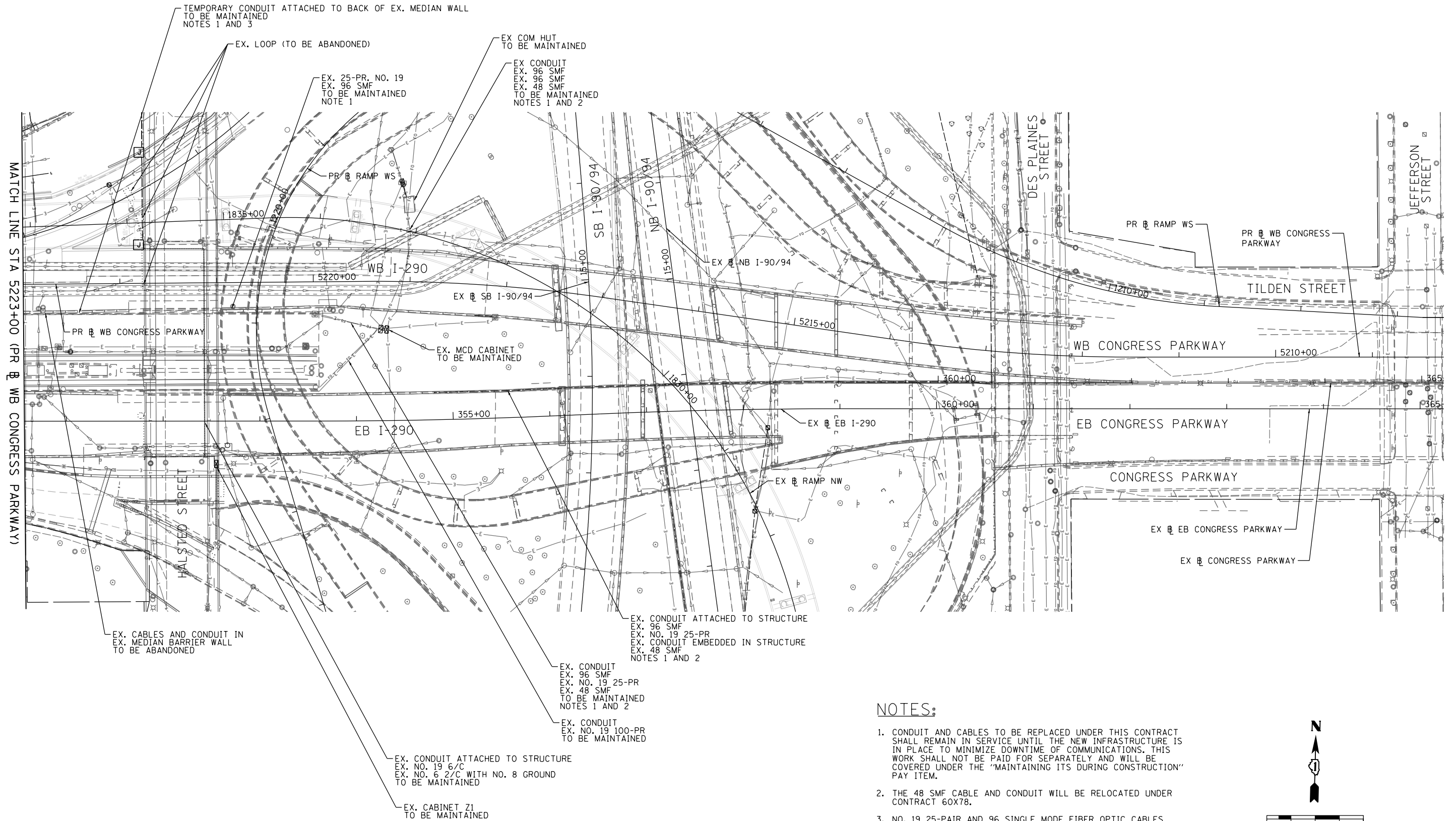
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING/MAINTAINING ITS PLAN
WB I-290 MAINLINE**

SCALE: 1"=50' SHEET 2 OF 13 SHEETS STA. 5237+25 TO STA. 5223+00

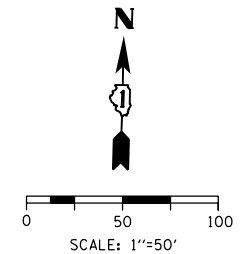
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90/94/290	2014-003R&B	COOK	431	193
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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NOTES:

1. CONDUIT AND CABLES TO BE REPLACED UNDER THIS CONTRACT SHALL REMAIN IN SERVICE UNTIL THE NEW INFRASTRUCTURE IS IN PLACE TO MINIMIZE DOWNTIME OF COMMUNICATIONS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY AND WILL BE COVERED UNDER THE "MAINTAINING ITS DURING CONSTRUCTION" PAY ITEM.
2. THE 48 SMF CABLE AND CONDUIT WILL BE RELOCATED UNDER CONTRACT 60X78.
3. NO. 19 25-PAIR AND 96 SINGLE MODE FIBER OPTIC CABLES INSTALLED IN TEMPORARY CONDUIT UNDER PREVIOUS IDOT CONTRACTS ARE TO BE MAINTAINED UNTIL THE NEW MEDIAN WALL AND ALL NECESSARY ITS JUNCTION BOXES AND CONDUITS ARE INSTALLED BETWEEN THE EXISTING JB AT STA. 5253+74 (APPROX.) AND THE MCD CABINET AND COMMUNICATIONS HUT.



ITS-03



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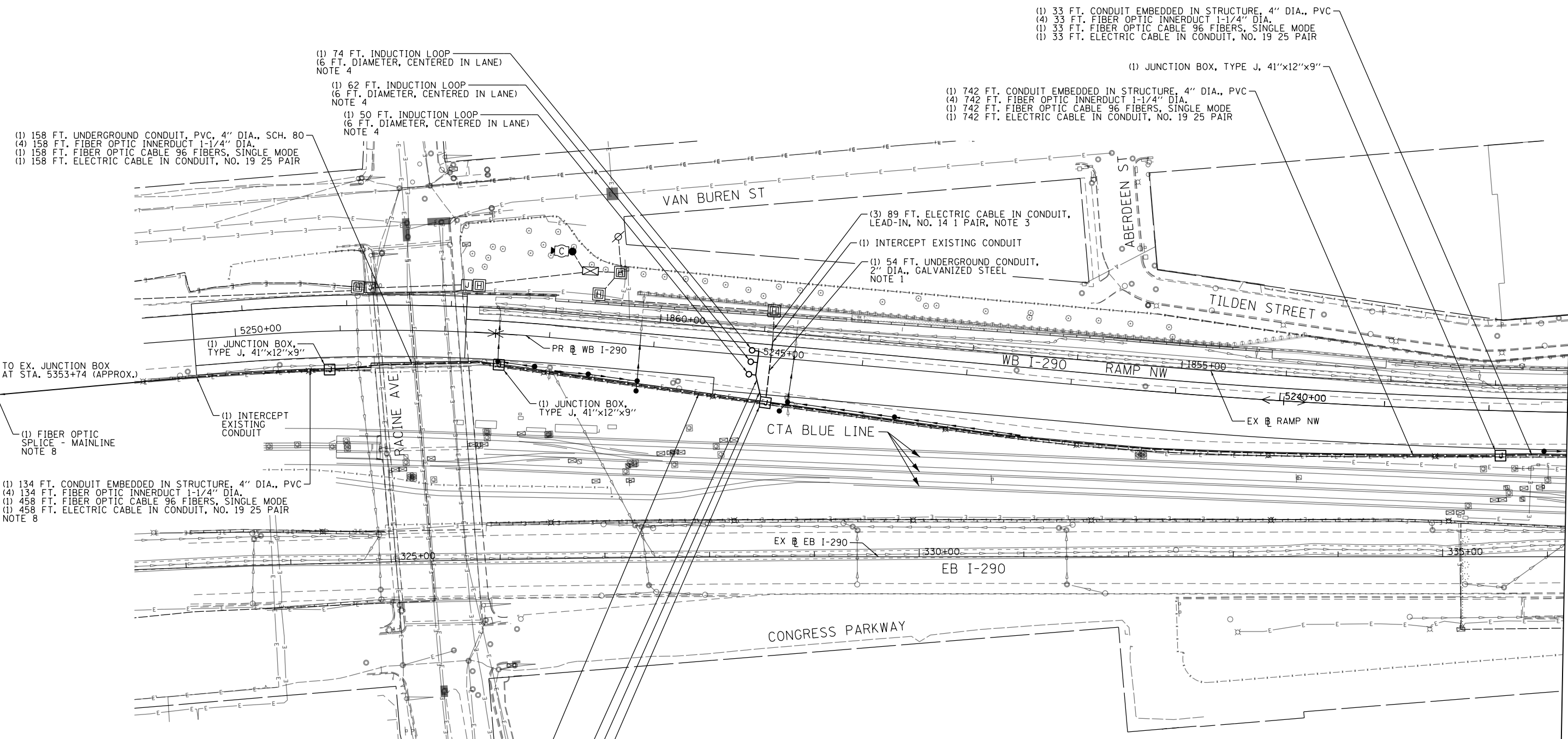
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING/MAINTAINING ITS PLAN
 WB I-290 MAINLINE**
 SCALE: 1"=50' SHEET 3 OF 13 SHEETS STA. 5223+00 TO STA. 5208+26.55

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	194
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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(1) 158 FT. UNDERGROUND CONDUIT, PVC, 4" DIA., SCH. 80
 (4) 158 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
 (1) 158 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
 (1) 158 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR

(1) 74 FT. INDUCTION LOOP
 (6 FT. DIAMETER, CENTERED IN LANE)
 NOTE 4

(1) 62 FT. INDUCTION LOOP
 (6 FT. DIAMETER, CENTERED IN LANE)
 NOTE 4

(1) 50 FT. INDUCTION LOOP
 (6 FT. DIAMETER, CENTERED IN LANE)
 NOTE 4

(1) 33 FT. CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC
 (4) 33 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
 (1) 33 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
 (1) 33 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR

(1) JUNCTION BOX, TYPE J, 41"x12"x9"

(1) 742 FT. CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC
 (4) 742 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
 (1) 742 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
 (1) 742 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR

(3) 89 FT. ELECTRIC CABLE IN CONDUIT,
 LEAD-IN, NO. 14 1 PAIR, NOTE 3

(1) INTERCEPT EXISTING CONDUIT

(1) 54 FT. UNDERGROUND CONDUIT,
 2" DIA., GALVANIZED STEEL
 NOTE 1

(1) JUNCTION BOX,
 TYPE J, 41"x12"x9"

TO EX. JUNCTION BOX
 AT STA. 5353+74 (APPROX.)

(1) INTERCEPT
 EXISTING
 CONDUIT

(1) FIBER OPTIC
 SPLICE - MAINLINE
 NOTE 8

(1) 134 FT. CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC
 (4) 134 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
 (1) 458 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
 (1) 458 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR
 NOTE 8

(1) 257 FT. CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC
 (4) 257 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
 (1) 257 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
 (1) 257 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR

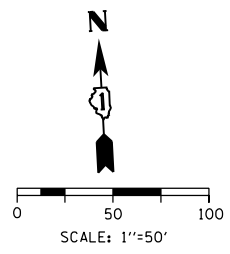
(1) 13 FT. UNDERGROUND CONDUIT,
 COILABLE NONMETALLIC, 1-1/4" DIA.
 (3) 13 FT. ELECTRIC CABLE IN
 CONDUIT, LEAD-IN, NO. 14 1 PR.

(1) 6 FT. UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
 (3) 6 FT. ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
 NOTE 5

(1) JUNCTION BOX, TYPE J,
 41"x12"x9"
 NOTE 2

NOTES:

- UNDERGROUND CONDUIT TO BE INSTALLED PER ROADWAY CONSTRUCTION PLANS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE "UNDERGROUND CONDUIT, 2" DIA., GALVANIZED STEEL" PAY ITEM.
- THE LOOP WIRES SHALL BE ROUTED INTO THE MEDIAN WALL JUNCTION BOX VIA THE 1-1/4" COILABLE, NON-METALLIC CONDUIT. THE LOOP CABLES WILL BE ROUTED THROUGH THE 2" G.S. CONDUIT BACK TO THE EXISTING HDHH.
- SPLICE NO. 14 LOOP CABLES TO EXISTING NO. 18 CABLES IN THE EXISTING HDHH IN NORTH SHOULDER.
- INDUCTION LOOPS TO BE CENTERED IN MARKED I-290 WB TRAVEL LANES.
- REFER TO IDOT STANDARD DRAWING TY-ITSC-663*18.
- LOCATIONS OF EXISTING IDOT ELECTRICAL/ITS EQUIPMENT SHOWN ON THIS SHEET ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
- ALL WORK SHOWN ON THIS SHEET MUST BE COORDINATED WITH THIS CONTRACT'S CONSTRUCTION WORK AND STAGING.
- ROUTE FIBER OPTIC AND ELECTRIC CABLES IN EXISTING MEDIAN WALL CONDUIT ARE TO BE CONNECTED TO THE EXISTING SPLICE IN THE EXISTING EMBEDDED JUNCTION BOX AT STA. 5253+74 (APPROX.).
- FIBER OPTIC CABLE SLACK IS INCLUDED IN THE TOTAL QUANTITIES BASED UPON THE REQUIREMENTS OF THE SPECIAL PROVISIONS. ELECTRIC CABLE SLACK IS INCLUDED IN THE TOTAL QUANTITIES BASED UPON THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.



MATCH LINE STA 5237+25 (PR & WB CONGRESS PARKWAY)



D160X77-sht-ITS-04
 USER NAME = myersc
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 3/14/2016

DESIGNED - GWS	REVISED -
DRAWN - CAM	REVISED -
CHECKED - JDG	REVISED -
DATE - 3/14/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

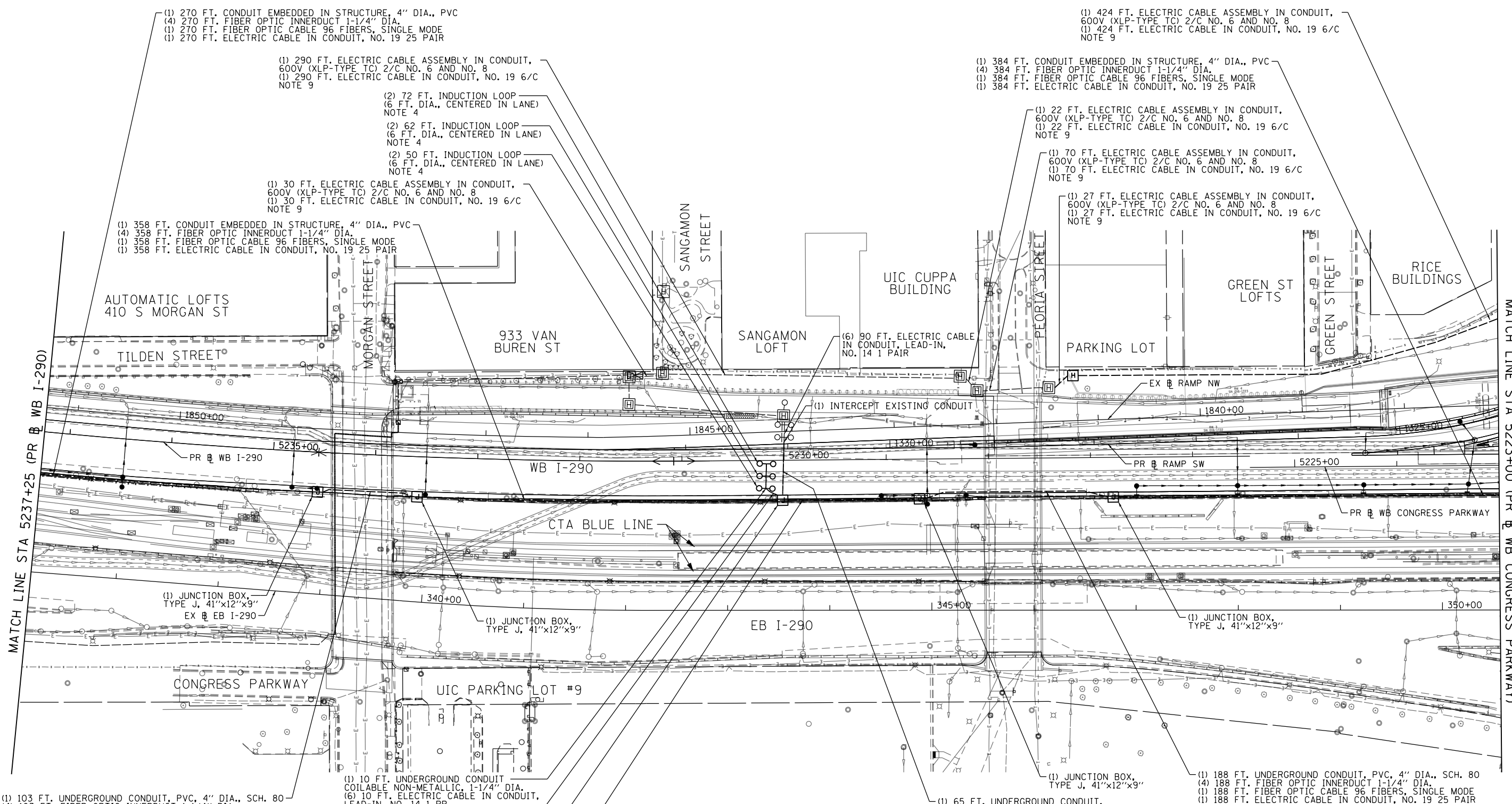
**PROPOSED ITS PLAN
 WB I-290 MAINLINE**

SCALE: 1"=50' SHEET 4 OF 13 SHEETS STA. 5250+87.94 TO STA. 5237+25

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	195
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

ITS-04

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(1) 103 FT. UNDERGROUND CONDUIT, PVC, 4" DIA., SCH. 80
 (4) 103 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
 (1) 103 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
 (1) 103 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR

(1) 6 FT. UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
 (6) 6 FT. ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
 NOTE 5

(1) JUNCTION BOX, TYPE J,
 41"x12"x9"
 NOTE 2

(1) 134 FT. CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC
 (4) 134 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
 (1) 134 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
 (1) 134 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR

(1) 290 FT. ELECTRIC CABLE ASSEMBLY IN CONDUIT,
 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8
 (1) 290 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 6/C
 NOTE 9

(2) 72 FT. INDUCTION LOOP
 (6 FT. DIA., CENTERED IN LANE)
 NOTE 4

(2) 62 FT. INDUCTION LOOP
 (6 FT. DIA., CENTERED IN LANE)
 NOTE 4

(2) 50 FT. INDUCTION LOOP
 (6 FT. DIA., CENTERED IN LANE)
 NOTE 4

(1) 30 FT. ELECTRIC CABLE ASSEMBLY IN CONDUIT,
 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8
 (1) 30 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 6/C
 NOTE 9

(1) 358 FT. CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC
 (4) 358 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
 (1) 358 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
 (1) 358 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR

(1) 384 FT. CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC
 (4) 384 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
 (1) 384 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
 (1) 384 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR

(1) 22 FT. ELECTRIC CABLE ASSEMBLY IN CONDUIT,
 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8
 (1) 22 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 6/C
 NOTE 9

(1) 70 FT. ELECTRIC CABLE ASSEMBLY IN CONDUIT,
 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8
 (1) 70 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 6/C
 NOTE 9

(1) 27 FT. ELECTRIC CABLE ASSEMBLY IN CONDUIT,
 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8
 (1) 27 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 6/C
 NOTE 9

(1) 424 FT. ELECTRIC CABLE ASSEMBLY IN CONDUIT,
 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8
 (1) 424 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 6/C
 NOTE 9

(6) 90 FT. ELECTRIC CABLE
 IN CONDUIT, LEAD-IN,
 NO. 14 1 PAIR

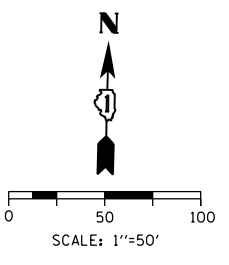
(1) INTERCEPT EXISTING CONDUIT

(1) 188 FT. UNDERGROUND CONDUIT, PVC, 4" DIA., SCH. 80
 (4) 188 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
 (1) 188 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
 (1) 188 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR

(1) 65 FT. UNDERGROUND CONDUIT,
 2" DIA., GALVANIZED STEEL, NOTE 1

NOTES:

- UNDERGROUND CONDUIT TO BE INSTALLED PER ROADWAY CONSTRUCTION PLANS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE "UNDERGROUND CONDUIT, 2" DIA., GALVANIZED STEEL" PAY ITEM.
- THE LOOP WIRES SHALL BE ROUTED INTO THE MEDIAN WALL JUNCTION BOX VIA THE 1-1/4" COILABLE, NON-METALLIC CONDUIT. THE LOOP CABLES WILL BE ROUTED THROUGH THE 2" G.S. CONDUIT BACK TO THE EXISTING HDHH.
- SPLICE NO. 14 LOOP CABLES TO EXISTING NO. 18 CABLES IN THE EXISTING HDHH IN THE NORTH SHOULDER.
- INDUCTION LOOPS TO BE CENTERED IN MARKED I-290 WB TRAVEL LANES.
- REFER TO IDOT STANDARD DRAWING TY-ITSC-663*18.
- LOCATIONS OF EXISTING IDOT ELECTRICAL/ITS EQUIPMENT SHOWN ON THIS SHEET ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
- ALL WORK SHOWN ON THIS SHEET MUST BE COORDINATED WITH THIS CONTRACT'S CONSTRUCTION WORK AND STAGING.
- FIBER OPTIC CABLE SLACK IS INCLUDED IN THE TOTAL QUANTITIES BASED UPON THE REQUIREMENTS OF THE SPECIAL PROVISIONS. ELECTRIC CABLE SLACK IS INCLUDED IN THE TOTAL QUANTITIES BASED UPON THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
- ELECTRIC CABLES ARE TO BE INSTALLED IN EXISTING CONDUITS, HANDHOLES, AND JUNCTION BOXES. THE NO. 6 2/C AND NO. 8 WILL BE INSTALLED IN ONE OF THE 3" PVC CONDUITS. THE NO. 19 6/C WILL BE INSTALLED IN THE OTHER 3" PVC CONDUIT. THESE CABLES ARE CONNECTED BETWEEN ITS CABINET G1 (SANGAMON) AND ITS CABINET Z1 (HALSTED).



ITS-05



D160X77-sht-ITS-05	DESIGNED - GWS	REVISED -
USER NAME = myersc	DRAWN - CAM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JDG	REVISED -
PLOT DATE = 3/14/2016	DATE - 3/14/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED ITS PLAN
 WB I-290 MAINLINE**

SCALE: 1"=50' SHEET 5 OF 13 SHEETS STA. 5237+25 TO STA. 5223+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	196
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

- (2) 6 FT. UNDERGROUND CONDUIT, GS, 4" DIA.
- (2) 6 FT. UNDERGROUND CONDUIT, GS, 2" DIA.
- (1) 6 FT. UNDERGROUND CONDUIT, GS, 1" DIA.
- (1) 10 FT. ELECTRIC CABLE ASSEMBLY IN CONDUIT, 660V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8
- (1) 10 FT. ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1/C
- (4) 10 FT. ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED; NOTES 8 AND 10
- (5) INTERCEPT EXISTING CONDUIT

- ITS CABINET Z2
- (1) 5 FT. CONCRETE FOUNDATION, TYPE D
- (1) CABINET HOUSING EQUIPMENT, ESP 3, CONCRETE FOUNDATION MOUNTED
- (2) TONE EQUIPMENT MOUNTING FRAME
- (2) TONE EQUIPMENT - POWER SUPPLY
- (4) TONE EQUIPMENT - 3 FREQ. TRANSMITTER - PROGRAMMABLE
- (4) TONE EQUIPMENT - 3 FREQ. RECEIVER - PROGRAMMABLE
- (1) DIGITAL LOOP DETECTOR SENSOR UNIT 4 CHANNEL

- (2) EX. 3" PVC CONDUIT
- (1) 130 FT. ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8
- (1) 130 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 6/C
- NOTE 6
- (1) HDHH
- (2) INTERCEPT EX. CONDUIT
- NOTE 9

- (2) EX. 2" PVC COATED GS CONDUIT
- (1) 97 FT. ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8
- (1) 97 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 6/C
- NOTE 6

- (2) EX. 2" PVC COATED GS CONDUIT
- (3) 75 FT. ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED
- (1) JUNCTION BOX, TYPE J, 41"x12"x9"
- (1) JUNCTION BOX, ATSS, SS 18"x18"x8"
- (1) INTERCEPT EX. CONDUIT
- NOTE 7

- (1) 30 FT. CONDUIT ATSS, 2" DIA., PVC COATED GS
- (3) 30 FT. ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED
- (1) HDHH

- (1) 312 FT. ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8
- (1) 312 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 6/C
- NOTE 6

- (1) 98 FT. CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC
- (4) 98 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
- (1) 98 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
- (1) 98 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR

- EX. CABINET Z1
- (1) TONE EQUIPMENT MOUNTING FRAME
- (2) TONE EQUIPMENT - POWER SUPPLY
- (5) TONE EQUIPMENT - 3 FREQ. TRANSMITTER - PROGRAMMABLE
- (5) TONE EQUIPMENT - 3 FREQ. RECEIVER - PROGRAMMABLE
- (2) DIGITAL LOOP DETECTOR SENSOR UNIT 4 CHANNEL

- (1) 20 FT. UNDERGROUND CONDUIT, PVC, 4" DIA, SCH. 80
- (4) 20 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
- (1) 20 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
- (1) 20 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR
- (1) JUNCTION BOX, TYPE J, 41"x12"x9"

- (1) 127 FT. UNDERGROUND CONDUIT, PVC, 4" DIA, SCH. 80
- (4) 127 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
- (1) 127 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
- (1) 127 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR

- (1) 18 FT. UNDERGROUND CONDUIT COILABLE NON-METALLIC, 1-1/4" DIA.
- (3) 18 FT. ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PR.

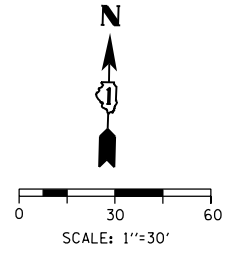
- (1) 46 FT. INDUCTION LOOP (6 FT. DIA., CENTERED IN LANE) NOTE 1
- (1) 58 FT. INDUCTION LOOP (6 FT. DIA., CENTERED IN LANE) NOTE 1
- (1) 70 FT. INDUCTION LOOP (6 FT. DIA., CENTERED IN LANE) NOTE 1

- (1) 93 FT. CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC
- (4) 93 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
- (1) 93 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
- (1) 93 FT. ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR

- (2) DRILL EXISTING HANDHOLE
- (1) 30 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE
- EX COM HUT
- (2) 57 FT. UNDERGROUND CONDUIT, PVC, 4" DIA.
- (4) 57 FT. FIBER OPTIC INNERDUCT 1-1/4" DIA.
- (1) 57 FT. FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE

NOTES:

- INDUCTION LOOPS TO BE CENTERED IN MARKED I-290 WB TRAVEL LANES.
- LOCATIONS OF EXISTING IDOT ELECTRICAL/ITS EQUIPMENT SHOWN ON THIS SHEET ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
- ALL WORK SHOWN ON THIS SHEET MUST BE COORDINATED WITH THIS CONTRACT'S CONSTRUCTION WORK AND STAGING.
- FIBER OPTIC CABLE SLACK IS INCLUDED IN THE TOTAL QUANTITIES BASED UPON THE REQUIREMENTS OF THE SPECIAL PROVISIONS. ELECTRIC CABLE SLACK IS INCLUDED IN THE TOTAL QUANTITIES BASED UPON THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
- COORDINATE CONDUIT AND FIBER INSTALLATION WITH PROJECT 60X78 CONTRACTOR. 2-2" EMBEDDED PVC CONDUITS IN SOUTH MEDIAN WALL CONTINUE TO THE EAST UNDER PROJECT 60X78. THE 60X78 CONTRACTOR WILL INSTALL A 96 SMF CABLE FROM THAT PROJECT INTO THE COMMUNICATIONS HUT USING CONDUITS INSTALLED UNDER THIS PROJECT (60X77).
- ELECTRIC CABLES ARE TO BE INSTALLED IN EXISTING CONDUITS, HANDHOLES, AND JUNCTION BOXES. THE NO. 6 2/C AND NO. 8 WILL BE INSTALLED IN ONE OF THE 3" PVC CONDUITS. THE NO. 19 6/C WILL BE INSTALLED IN THE OTHER 3" PVC CONDUIT. THESE CABLES ARE CONNECTED BETWEEN ITS CABINET G1 (SANGAMON) AND ITS CABINET Z1 (HALSTED).
- INTERCEPT THE EXISTING CONDUIT ATTACHED TO STRUCTURE, WHICH WILL HAVE THE NO. 19 6/C CABLE, WITH THE PROPOSED JUNCTION BOX. PLACE THE (3) NO. 18 4/C CABLES FROM THE I-290 WB MAINLINE LOOPS IN THE SAME CONDUIT WITH THE NO. 19 6/C CABLE BACK TO ITS CABINET Z2.
- ATTACH TO THE EXISTING CONDUIT(S).
- INTERCEPT THE TWO EXISTING CONDUITS WHICH ARE ATTACHED TO STRUCTURE GOING TO THE EXISTING 18"x18"x8" JUNCTION BOX ATTACHED TO STRUCTURE.
- COORDINATE WITH THE ENGINEER FOR THE LOCATION OF ITS CABINET Z2 NEAR THE TOP OF SLOPE NEXT TO HALSTED. 4 FEET OF CONDUIT IS STUBBED OUT FROM THE EXISTING HEAVY DUTY HANDHOLE NEAR THIS LOCATION TO FACILITATE CONNECTION BETWEEN THE EXISTING HANDHOLE AND THE PROPOSED CABINET.



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D160X77-sht-ITS-06	DESIGNED - GWS	REVISED -
USER NAME = myersc	DRAWN - CAM	REVISED -
PLOT SCALE = 60.0000' / in.	CHECKED - JDG	REVISED -
PLOT DATE = 4/26/2016	DATE - 4/27/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ITS PLAN
WB I-290 MAINLINE**

SCALE: 1"=30' SHEET 6 OF 13 SHEETS STA. 5223+00 TO STA.

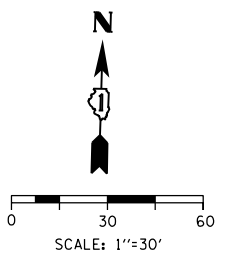
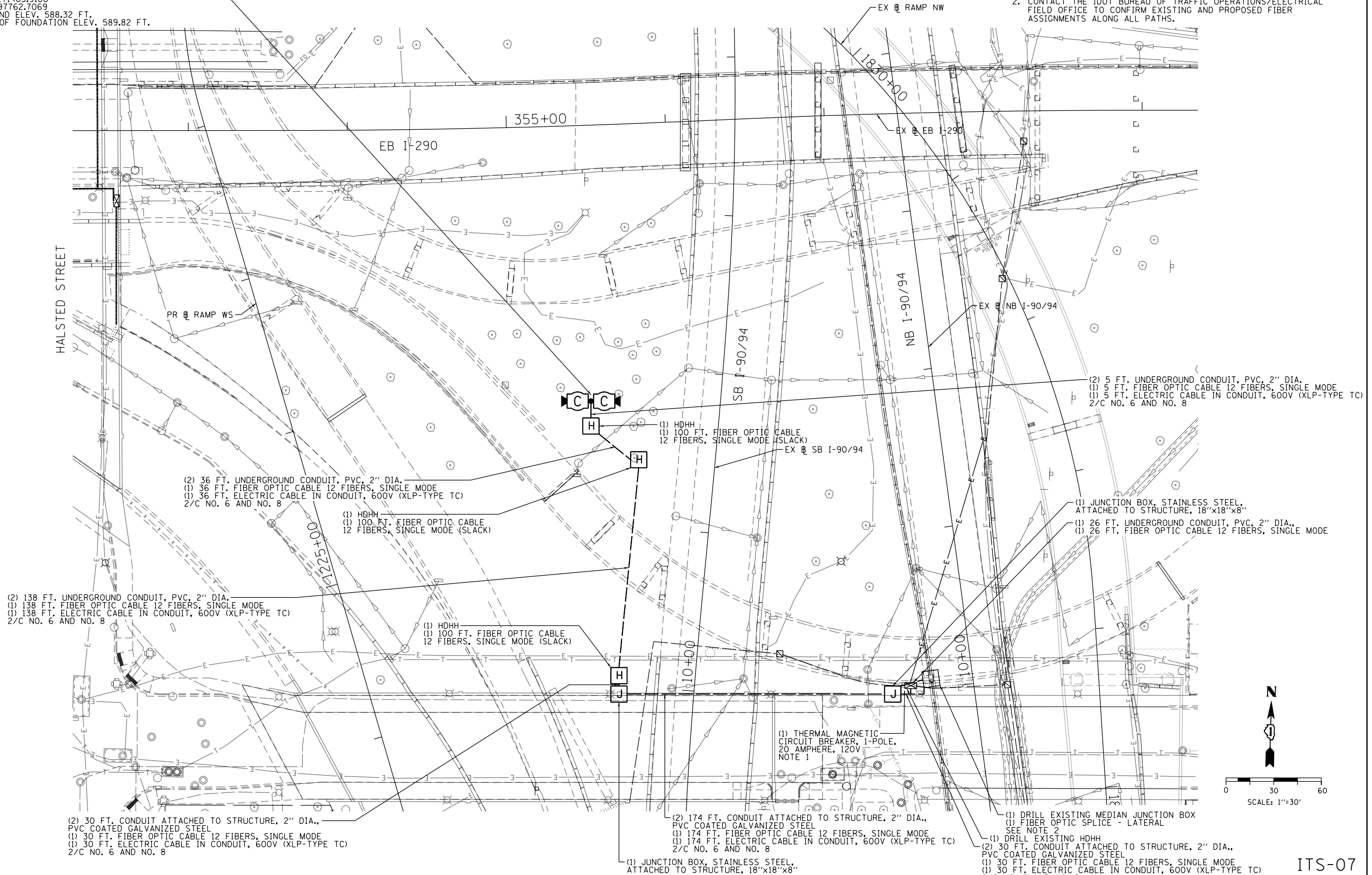
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	197
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

ITS-06

- (2) CLOSED CIRCUIT TELEVISION CAMERA, HD
- (1) CLOSED CIRCUIT TELEVISION EQUIPMENT, FIBER OPTIC DISTRIBUTION
- (1) CLOSED CIRCUIT TELEVISION CABINET, STRUCTURE MOUNTED
- (1) CCTV CAMERA STRUCTURE
- 100 FT. MOUNTING HEIGHT AND FOUNDATION
- STA. 11+76.16, 81.17' L.T. (SB I-90/94 BASELINE)
- NORTHING 1171465.9180
- EASTING 1897762.7069
- PROP. GROUND ELEV. 588.32 FT.
- PROP. TOP OF FOUNDATION ELEV. 589.82 FT.
- SEE NOTE 1

NOTES:

1. INSTALL A CIRCUIT BREAKER IN EX. ITS CABINET Z2 TO PROVIDE 120V POWER TO THE CCTV CAMERA CABINET MOUNTED ON THE 100 FT. STRUCTURE.
2. CONTACT THE IDOT BUREAU OF TRAFFIC OPERATIONS/ELECTRICAL FIELD OFFICE TO CONFIRM EXISTING AND PROPOSED FIBER ASSIGNMENTS ALONG ALL PATHS.



ITS-07

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D160X77-sht-ITS-06A
 USER NAME = myersc
 PLOT SCALE = 60.0000' / in.
 PLOT DATE = 4/26/2016

DESIGNED - GWS	REVISED -
DRAWN - CAM	REVISED -
CHECKED - JDG	REVISED -
DATE - 4/27/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED ITS PLAN
 WB I-290 MAINLINE**

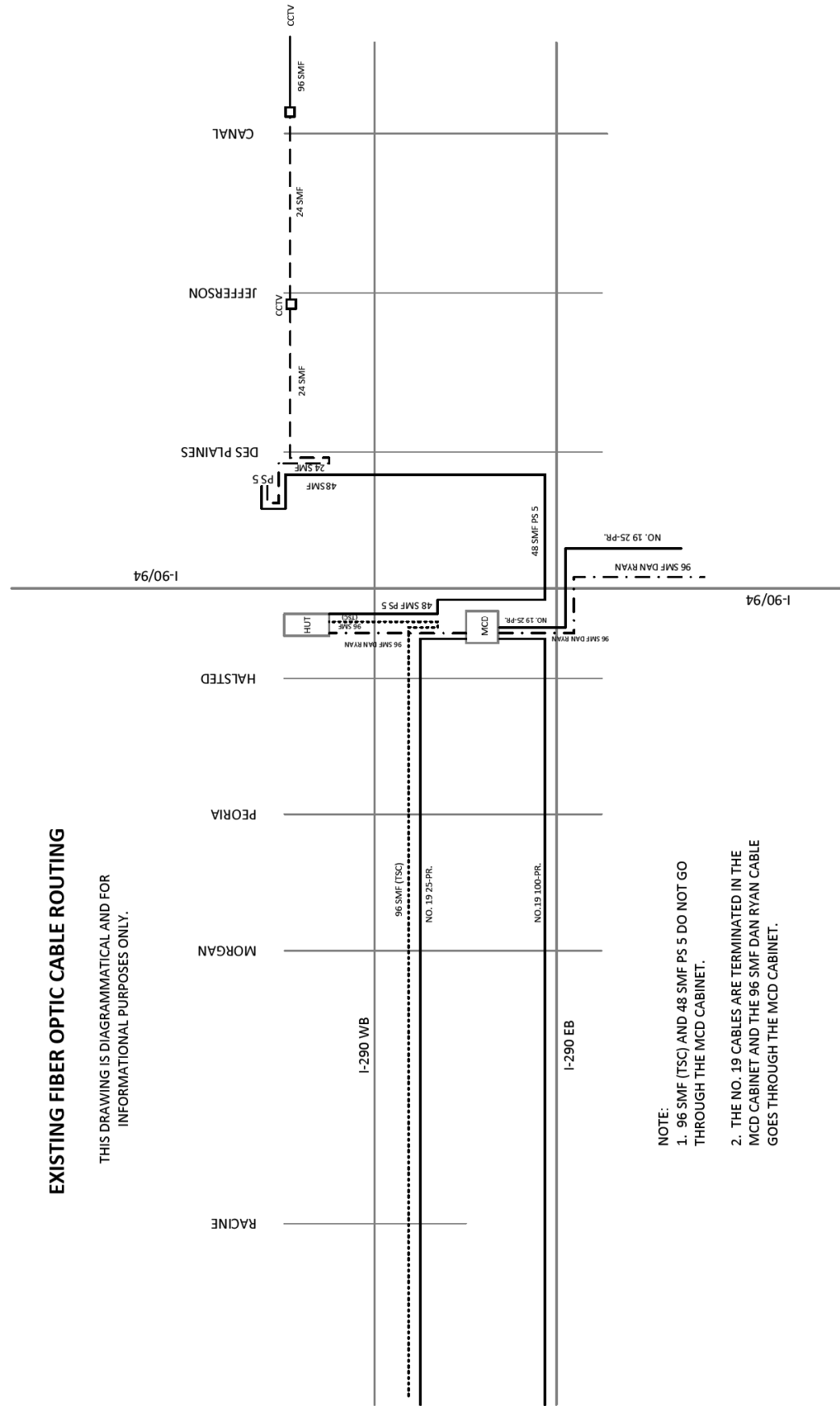
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	198
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				

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EXISTING FIBER OPTIC CABLE ROUTING

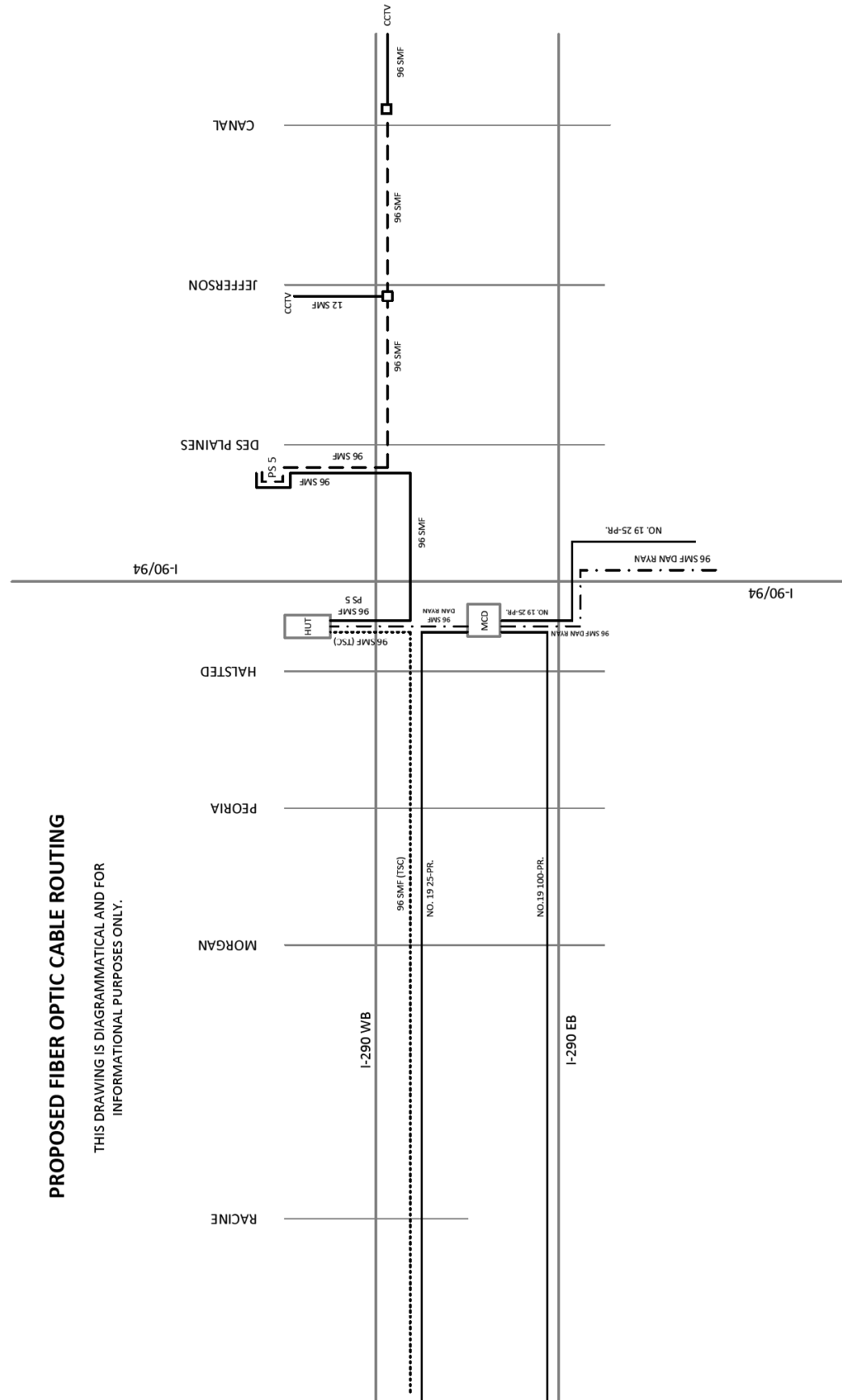
THIS DRAWING IS DIAGRAMMATICAL AND FOR INFORMATIONAL PURPOSES ONLY.



- NOTE:
1. 96 SMF (TSC) AND 48 SMF PS 5 DO NOT GO THROUGH THE MCD CABINET.
 2. THE NO. 19 CABLES ARE TERMINATED IN THE MCD CABINET AND THE 96 SMF DAN RYAN CABLE GOES THROUGH THE MCD CABINET.

PROPOSED FIBER OPTIC CABLE ROUTING

THIS DRAWING IS DIAGRAMMATICAL AND FOR INFORMATIONAL PURPOSES ONLY.



ITS-08



D160X77-sht-ITS-07	DESIGNED - GWS	REVISED -
USER NAME = myersc	DRAWN - CAM	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED - JDG	REVISED -
PLOT DATE = 3/14/2016	DATE - 3/14/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

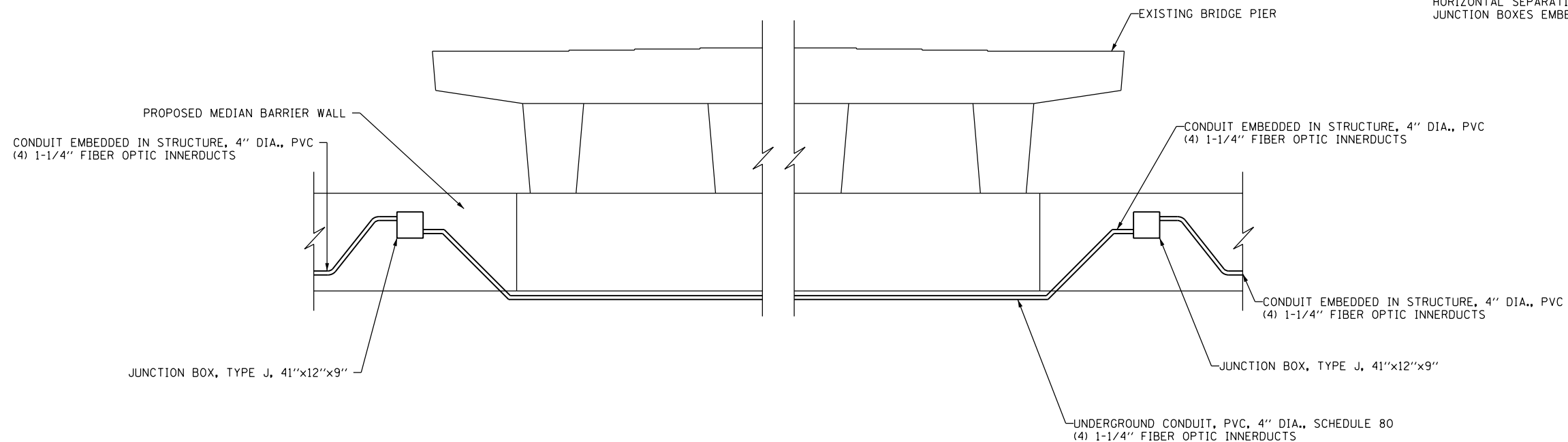
ITS DETAILS
WB I-290 MAINLINE

SCALE: N.T.S. SHEET 8 OF 13 SHEETS STA. TO STA.

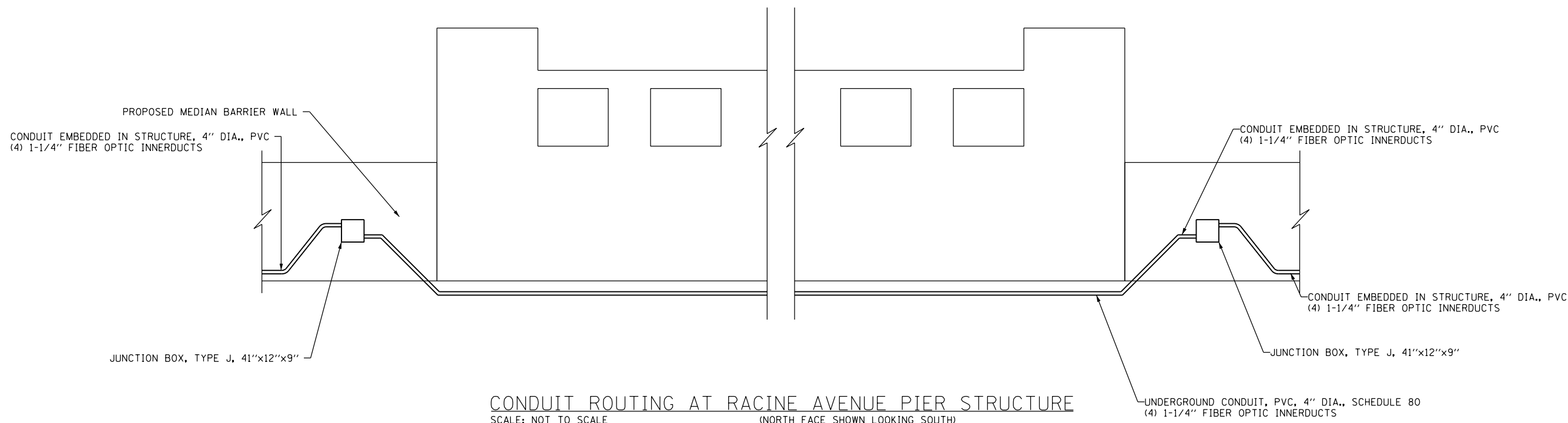
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	199
CONTRACT NO. 60X77			ILLINOIS FED. AID PROJECT	

NOTES:

1. JUNCTION BOXES ARE EMBEDDED IN STRUCTURE.
2. THIS WORK APPLIES TO LOCATIONS AT RACINE, MORGAN, PEORIA, AND HALSTED STRUCTURES.
3. LIGHTING/ELECTRICAL DETAILS SHOW JUNCTION BOXES IN SIMILAR LOCATIONS. MAINTAIN THREE (3) FOOT HORIZONTAL SEPARATION BETWEEN ELECTRICAL AND ITS JUNCTION BOXES EMBEDDED IN STRUCTURE.



CONDUIT ROUTING AROUND PIER STRUCTURE
 SCALE: NOT TO SCALE (NORTH FACE SHOWN LOOKING SOUTH)



CONDUIT ROUTING AT RACINE AVENUE PIER STRUCTURE
 SCALE: NOT TO SCALE (NORTH FACE SHOWN LOOKING SOUTH)

ITS-09

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D160X77-sht-ITS-08	DESIGNED - WDS	REVISED -
USER NAME = myersc	DRAWN - CAM	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - WDS	REVISED -
PLOT DATE = 3/14/2016	DATE - 3/14/2016	REVISED -

DESIGNED - WDS	REVISED -
DRAWN - CAM	REVISED -
CHECKED - WDS	REVISED -
DATE - 3/14/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ITS CONDUIT DETAIL AT STRUCTURES

SCALE: N.T.S. SHEET 9 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	431	200
CONTRACT NO. 60X77				
ILLINOIS FED. AID PROJECT				