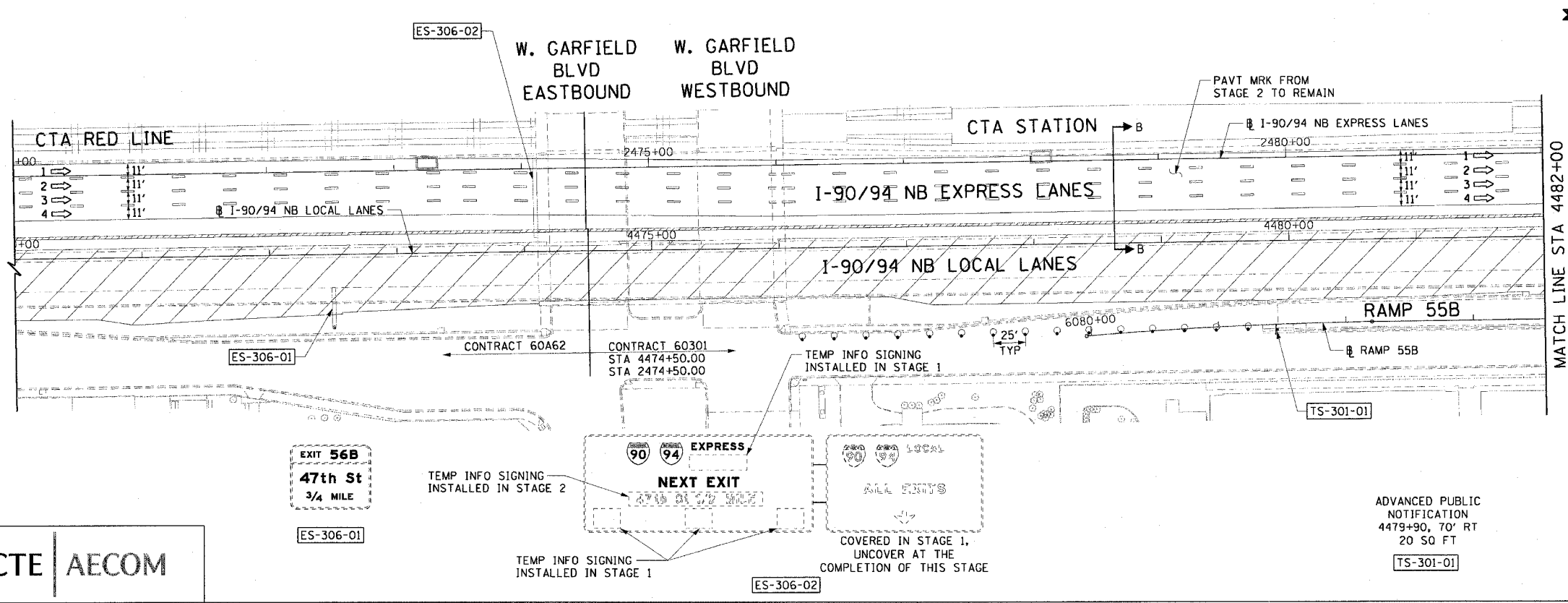


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	.	COOK	565	101
STA. 4474+50		TO STA. 4482+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-IP) R-10				

- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - [Hatched Box] WORK AREA
 - [Dashed Box] TEMPORARY PAVEMENT
 - [Symbol] IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - [Symbol] DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - [Symbol] BARRICADE TYPE III
 - [Symbol] TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
 - ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
 - ⑤ LINE 8" (WHITE GORE LINE)
 - ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
 - ⑦ LINE 12" (DIAGONAL, 30' C-C, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - [ES-XXX-XX] EXISTING OVERHEAD OR CANTILEVER SIGNS
 - [GS-XXX-XX] EXISTING POST MOUNTED SIGNS
 - [TS-XXX-XX] TEMPORARY SIGNS
- +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.
 - SIGN TS-301-01 SHALL BE ERECTED 2 WEEKS PRIOR TO WHEN RAMP 55B IS CLOSED TO TRAFFIC. FOR DETAILS SEE DISTRICT 1 DETAIL TC-8.

CTE | AECOM

ADVANCED PUBLIC NOTIFICATION
 4479+90, 70' RT
 20 SO FT
 [TS-301-01]

REVISIONS	
NAME	DATE

MOT-301

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 STAGE 3

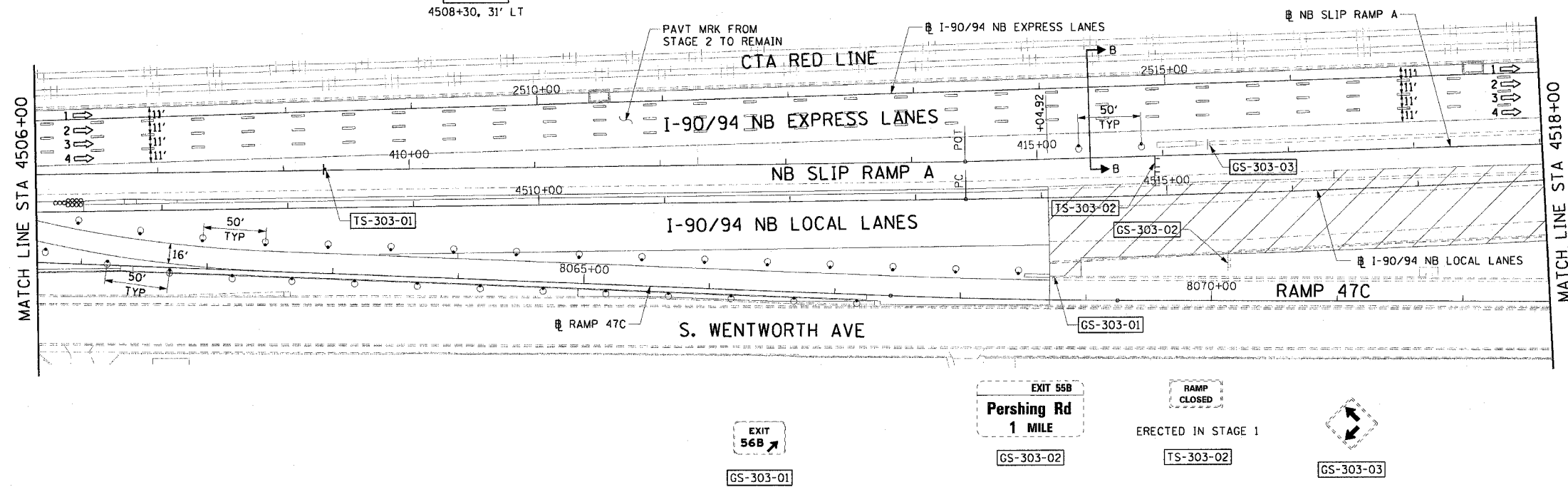
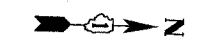
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 DATE: June 9, 2006

DRAWN BY: PHP
 CHECKED BY: RMG

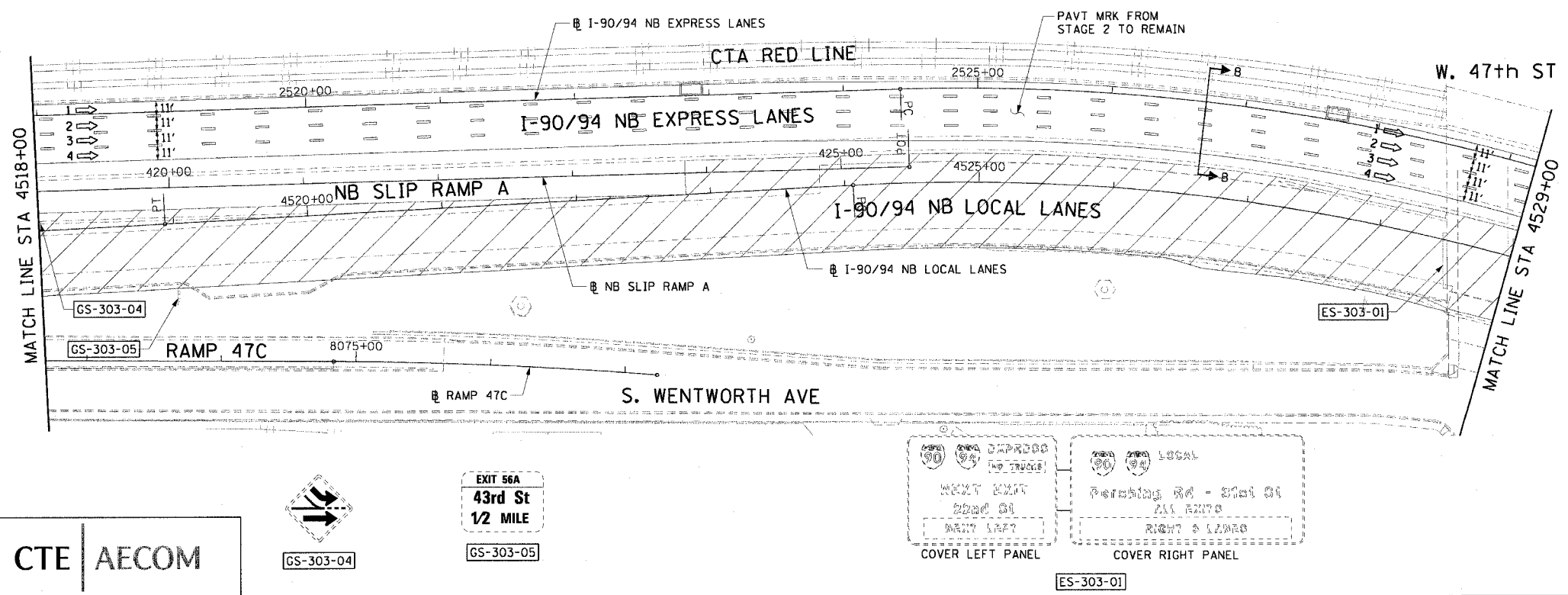
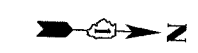
6/7/2006 15:53 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	103
STA. 4506+00		TO STA. 4529+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		* (2021-922 PT2 ETC 2324.6-IP) R-10		

Local Exits
Pershing Rd
35th St & 31st St
1 Mile
 9'x9' = 81 SQ FT
 TEMP INFO SIGNING
TS-303-01
 4508+30, 31' LT



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - [Hatched Box] WORK AREA
 - [Dashed Box] TEMPORARY PAVEMENT
 - [Wavy Line] IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - [Circle with X] DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - [T-shape] BARRICADE TYPE III
 - [Dashed Line] TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
 - ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
 - ⑤ LINE 8" (WHITE GORE LINE)
 - ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
 - ⑦ LINE 12" (DIAGONAL, 30' C-C, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - [ES-XXX-XX] EXISTING OVERHEAD OR CANTILEVER SIGNS
 - [GS-XXX-XX] EXISTING POST MOUNTED SIGNS
 - [TS-XXX-XX] TEMPORARY SIGNS
 - +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 - (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES

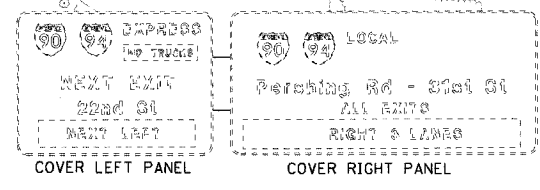


- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

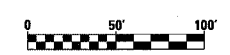
CTE | AECOM



EXIT 56A
43rd St
1/2 MILE
GS-303-05



ES-303-01



MOT-303

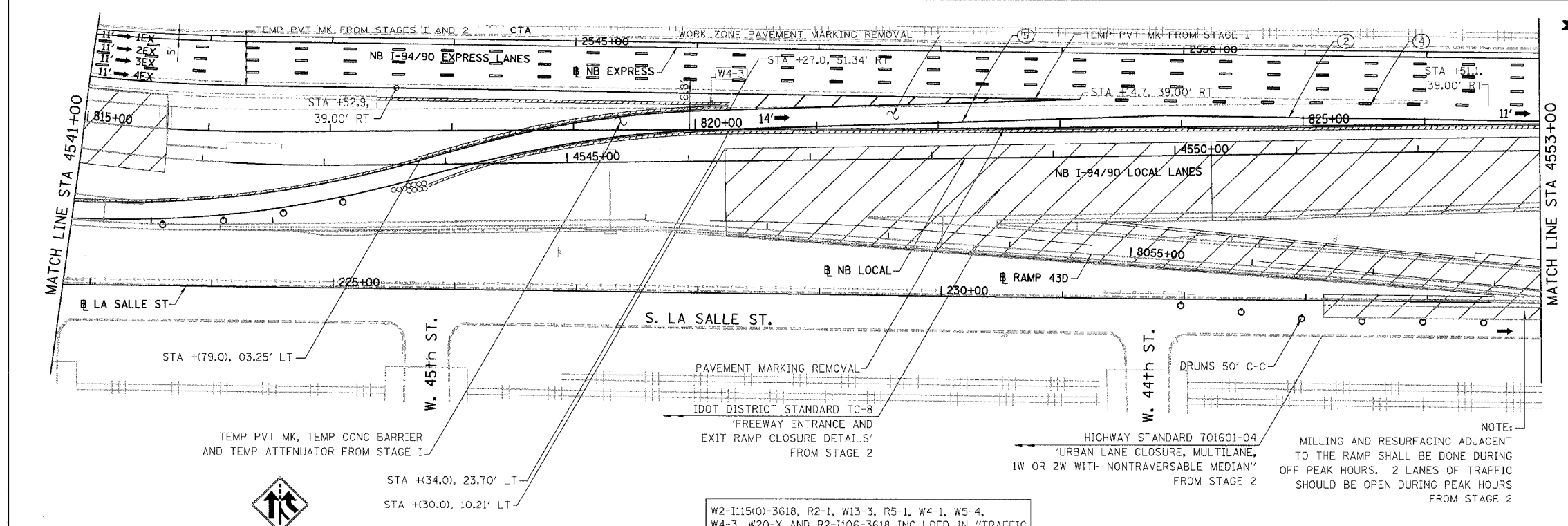
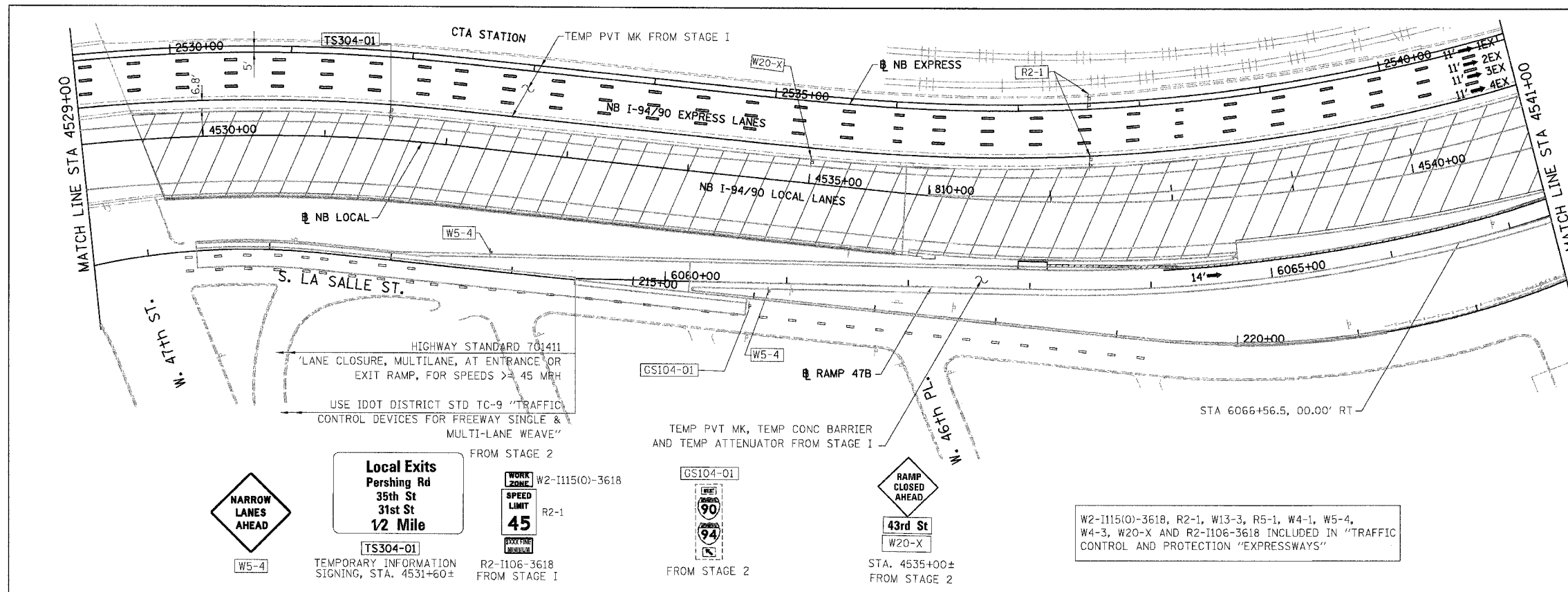
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 3
 SCALE: 1"=50'
 DATE: June 9, 2006
 DRAWN BY: PHP
 CHECKED BY: RMG

6/7/2006 1:56:56 PM
 I:\projects\9094\9094-103.dwg
 18' and 19' station
 18' and 19' station

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	104
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*(2021-922 PT2 ETC 2324.6-1P) R-10			

- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ∞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
 - ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
 - ⑤ LINE 8" (WHITE GORE LINE)
 - ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
 - ⑦ LINE 12" (DIAGONAL, 30' C-C, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
 - +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 - (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGES I, 2 AND SUBSTAGE IA, UNLESS OTHERWISE SPECIFIED IN STAGE 3. CROSS OVER RAMPS, TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE 2 TO REMAIN TO END OF SUBSTAGE 3A, UNLESS OTHERWISE SPECIFIED IN STAGE 3.

REVISIONS	
NAME	DATE

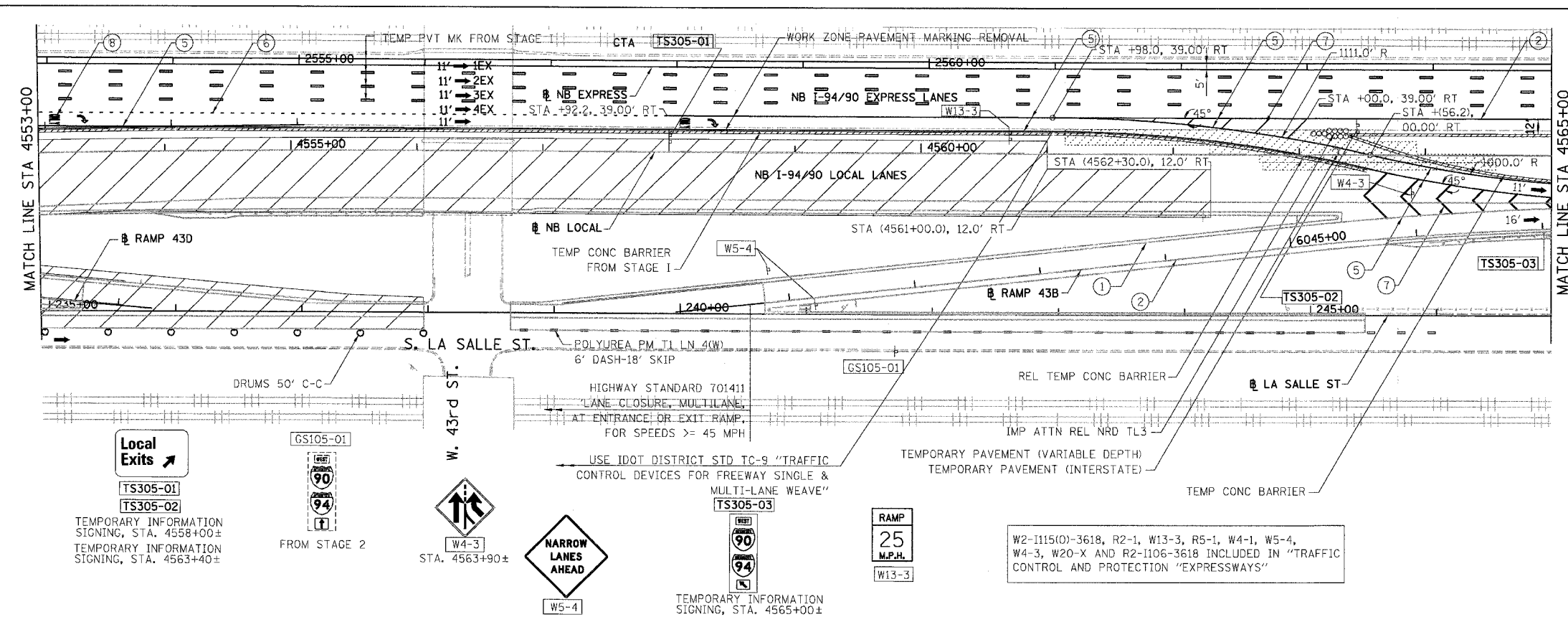
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 3

SCALE: 1"=50'
DATE: 06/09/06

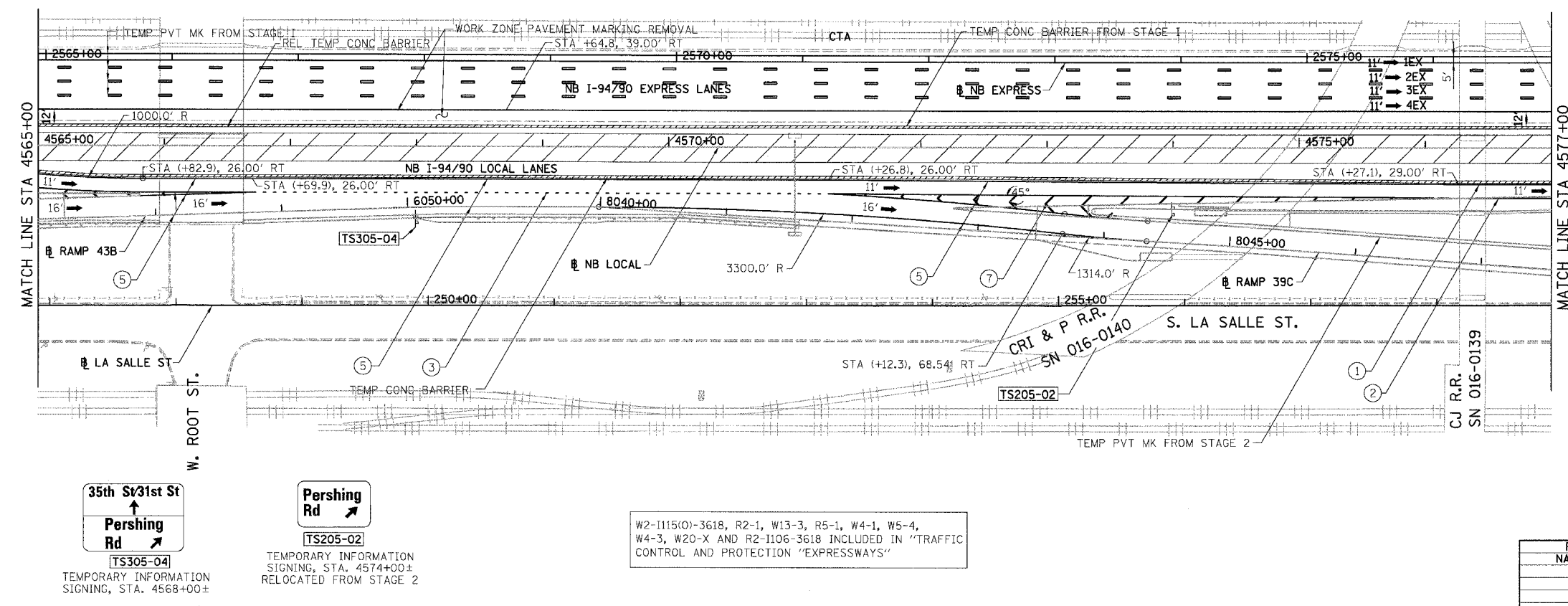
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CHECKED BY: RS

6/7/2006 10:54 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	105
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301		*12021-922 PT2 ETC 2324.6-1P) R-10		



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ∞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊥ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
 - ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
 - ⑤ LINE 8" (WHITE GORE LINE)
 - ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
 - ⑦ LINE 12" (DIAGONAL, 30' C-C, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
- +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.



REVISIONS		DATE	

MOT-305

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SUGGESTED STAGES OF CONSTRUCTION
 AND TRAFFIC CONTROL
 STAGE 3

SCALE: 1"=50'
 DATE: 06/09/06
 DRAWN BY: RA
 CHECKED BY: RS

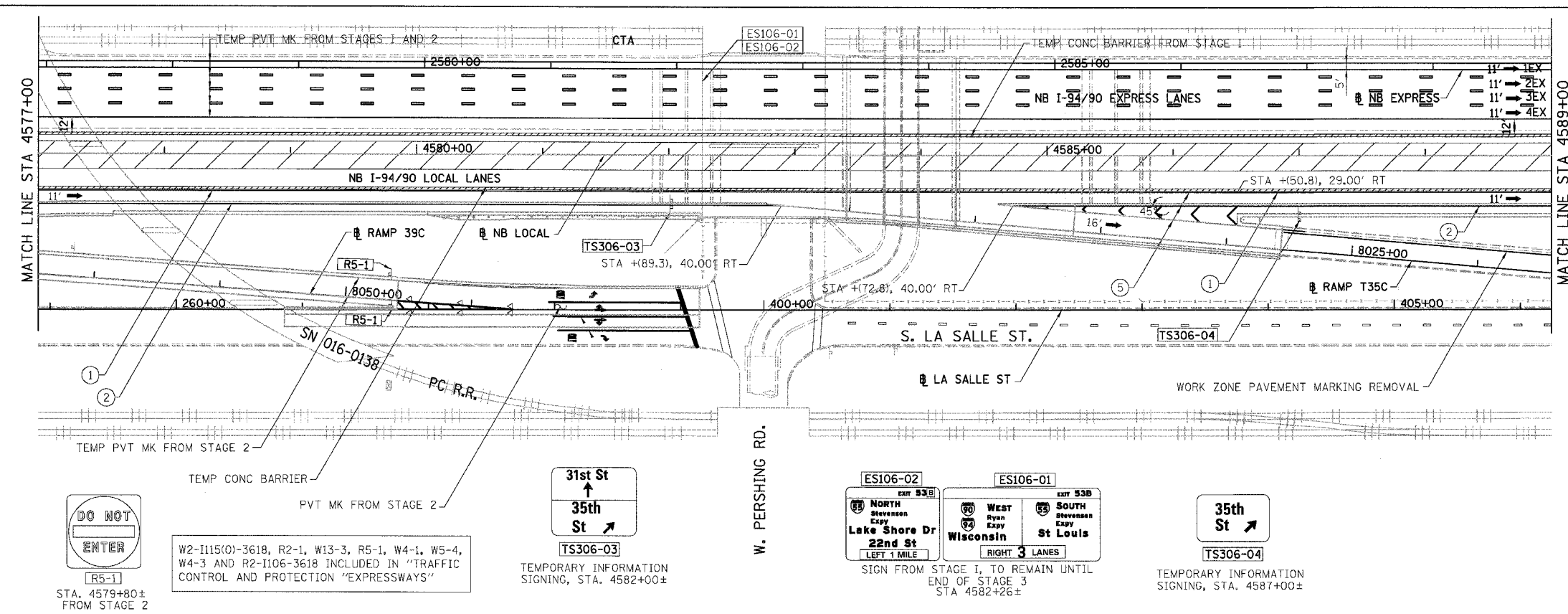
BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 512.228.0100
 www.bbainc.com

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGES I, 2 AND SUBSTAGE IA, UNLESS OTHERWISE SPECIFIED IN STAGE 3.
 CROSS OVER RAMPS, TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE 2 TO REMAIN TO END OF SUBSTAGE 3A, UNLESS OTHERWISE SPECIFIED IN STAGE 3.

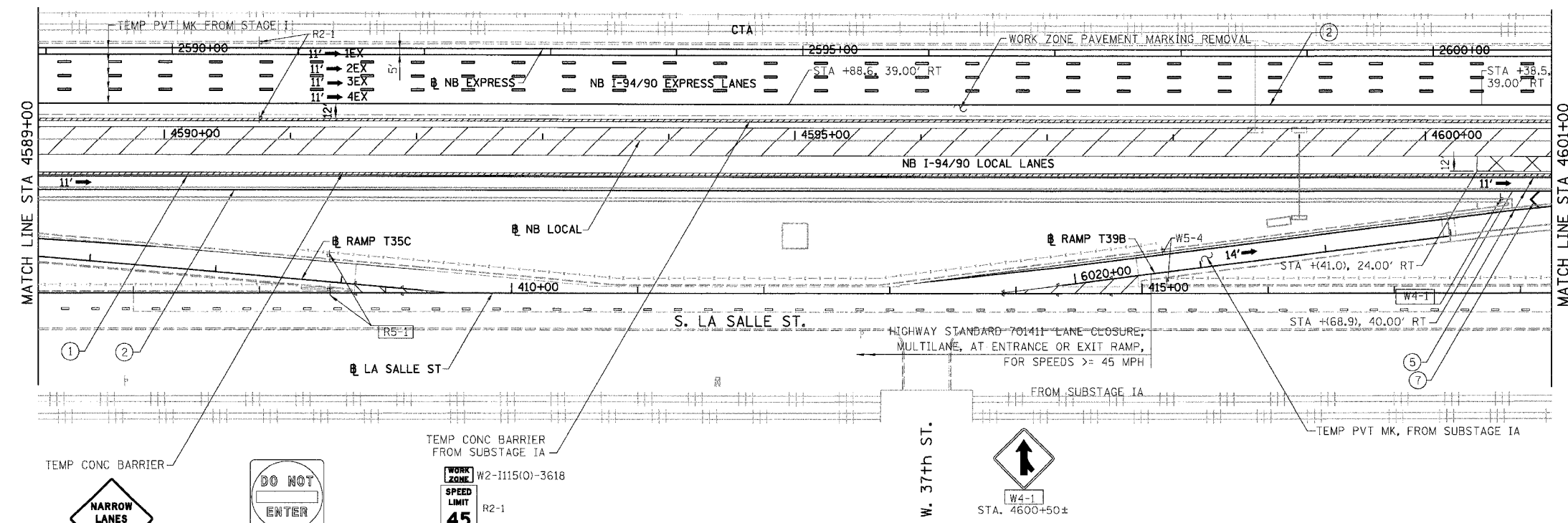
W2-1115(0)-3618, R2-1, W13-3, R5-1, W4-1, W5-4,
 W4-3, W20-X AND R2-1106-3618 INCLUDED IN "TRAFFIC
 CONTROL AND PROTECTION "EXPRESSWAYS"

W2-1115(0)-3618, R2-1, W13-3, R5-1, W4-1, W5-4,
 W4-3, W20-X AND R2-1106-3618 INCLUDED IN "TRAFFIC
 CONTROL AND PROTECTION "EXPRESSWAYS"

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	106
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301		*12021-922 PT2 ETC 2324.6-1P) R-10		



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ⊕ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - ⊙ DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊓ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
 - ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
 - ⑤ LINE 8" (WHITE GORE LINE)
 - ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
 - ⑦ LINE 12" (DIAGONAL, 30' C-C, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
 - +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 - (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.



REVISIONS	
NAME	DATE

MOT-306
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SUGGESTED STAGES OF CONSTRUCTION
 AND TRAFFIC CONTROL
 STAGE 3
 SCALE: 1"=50'
 DATE: 06/09/06
 DRAWN BY: RA
 CHECKED BY: RS

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGES I, 2 AND SUBSTAGE IA, UNLESS OTHERWISE SPECIFIED IN STAGE 3. CROSS OVER RAMP, TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE 2 TO REMAIN TO END OF SUBSTAGE 3A, UNLESS OTHERWISE SPECIFIED IN STAGE 3.

W2-I115(O)-3618, R2-1, W13-3, R5-1, W4-1, W5-4, W4-3 AND R2-I106-3618 INCLUDED IN "TRAFFIC CONTROL AND PROTECTION "EXPRESSWAYS"

W2-I115(O)-3618 R2-1
 R2-I106-3618 FROM STAGE I

R5-1
 STA. 4591+30± FROM STAGE I

W5-4 FROM STAGE IA

W4-1
 STA. 4600+50±

ES106-02
 NORTH Stevenson Expwy
 Lake Shore Dr
 22nd St
 LEFT 1 MILE

ES106-01
 WEST Ryan Expwy
 Wisconsin
 SOUTH Stevenson Expwy
 St Louis
 RIGHT 3 LANES

TS306-03
 31st St
 35th St

TS306-04
 35th St

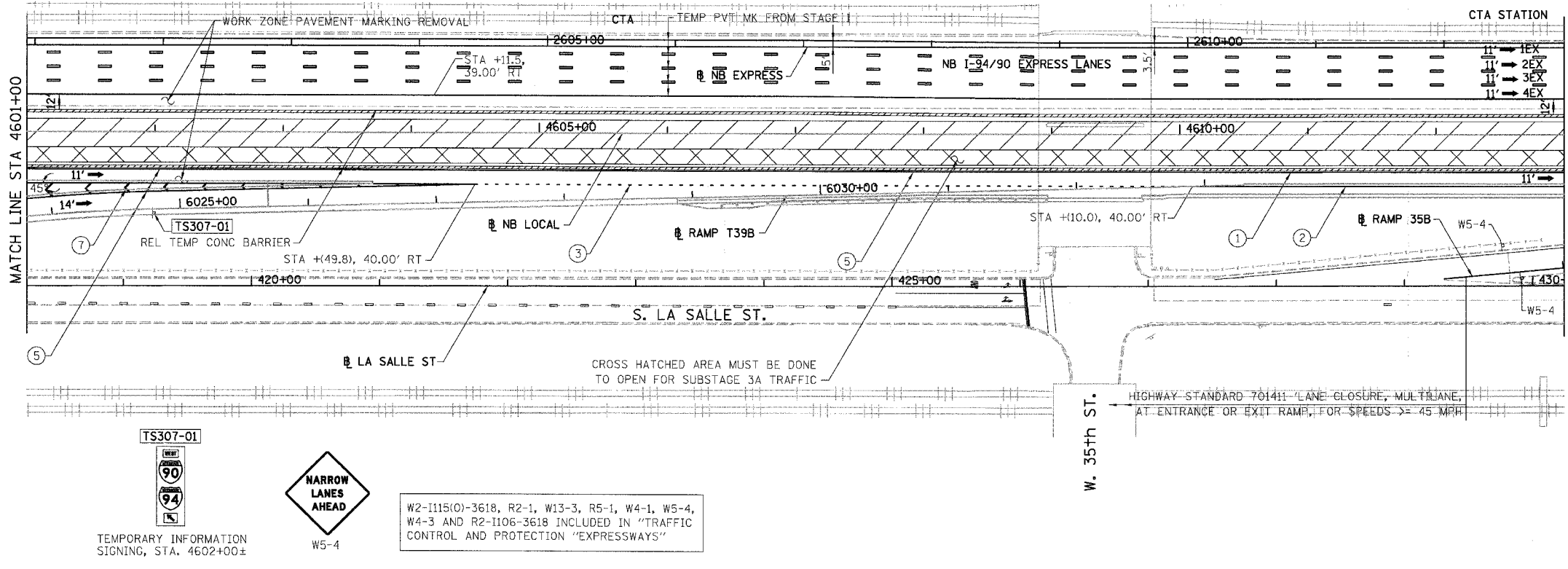
R5-1
 STA. 4579+80± FROM STAGE 2

W2-I115(O)-3618, R2-1, W13-3, R5-1, W4-1, W5-4, W4-3 AND R2-I106-3618 INCLUDED IN "TRAFFIC CONTROL AND PROTECTION "EXPRESSWAYS"

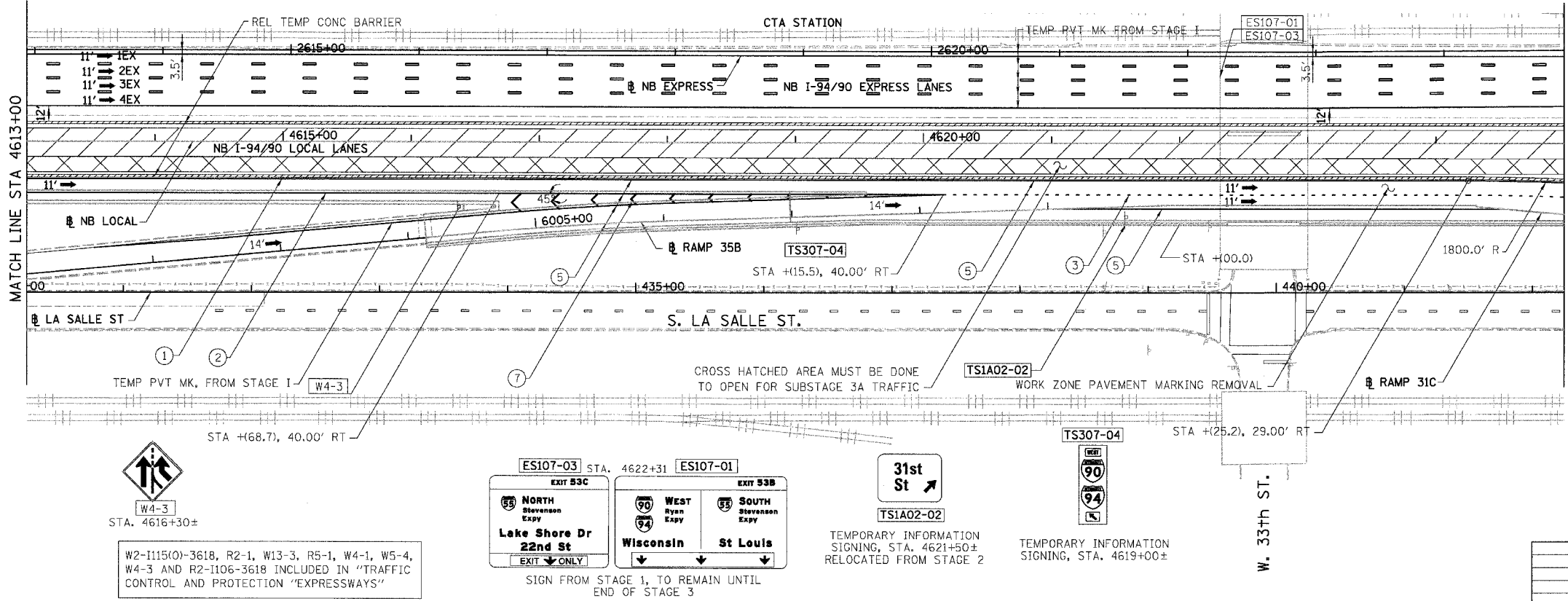
TS306-03
 TEMPORARY INFORMATION SIGNING, STA. 4582+00±

TS306-04
 TEMPORARY INFORMATION SIGNING, STA. 4587+00±

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	107
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*(2021-922 PT2 ETC 2324.6-1P) R-10			



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ∞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊥ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
 - ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
 - ⑤ LINE 8" (WHITE GORE LINE)
 - ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
 - ⑦ LINE 12" (DIAGONAL, 30' C-C, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
- +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
+XX.XX STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
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NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGES 1, 2 AND SUBSTAGE 1A, UNLESS OTHERWISE SPECIFIED IN STAGE 3.
CROSS OVER RAMPS, TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE 2 TO REMAIN TO END OF SUBSTAGE 3A, UNLESS OTHERWISE SPECIFIED IN STAGE 3.

REVISIONS	
NAME	DATE

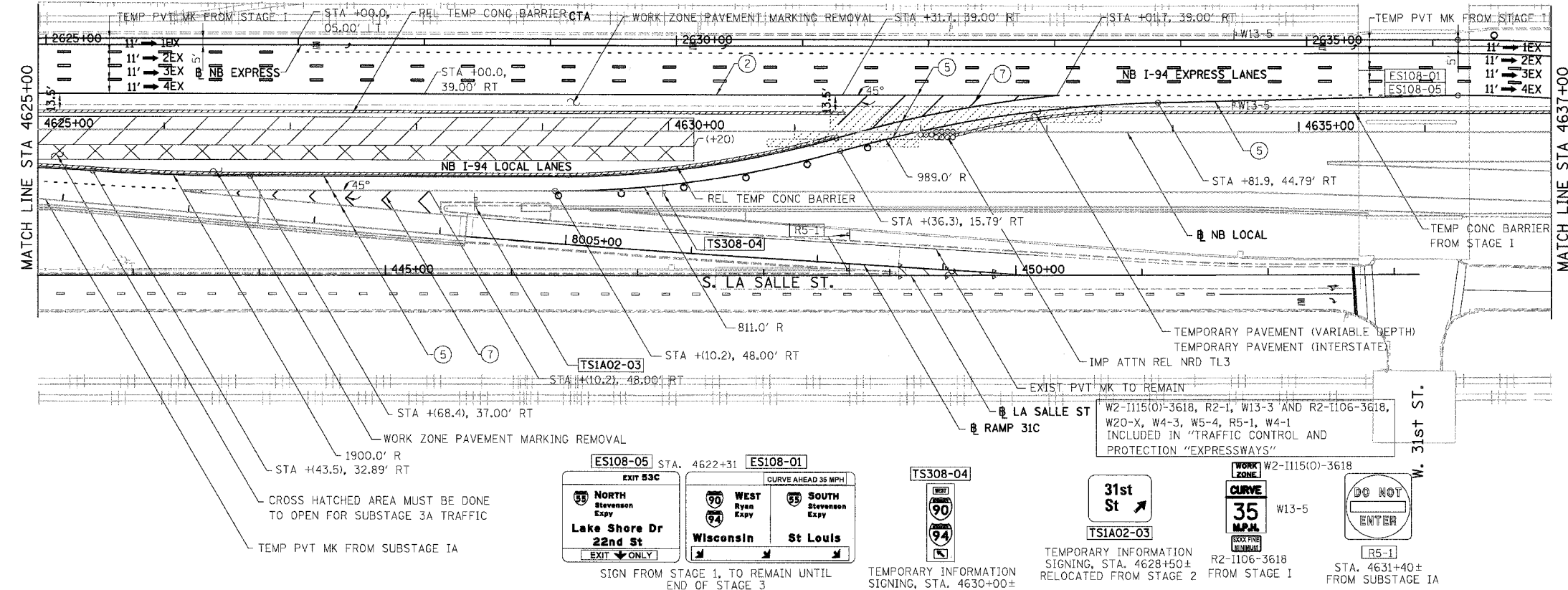
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MOT-307

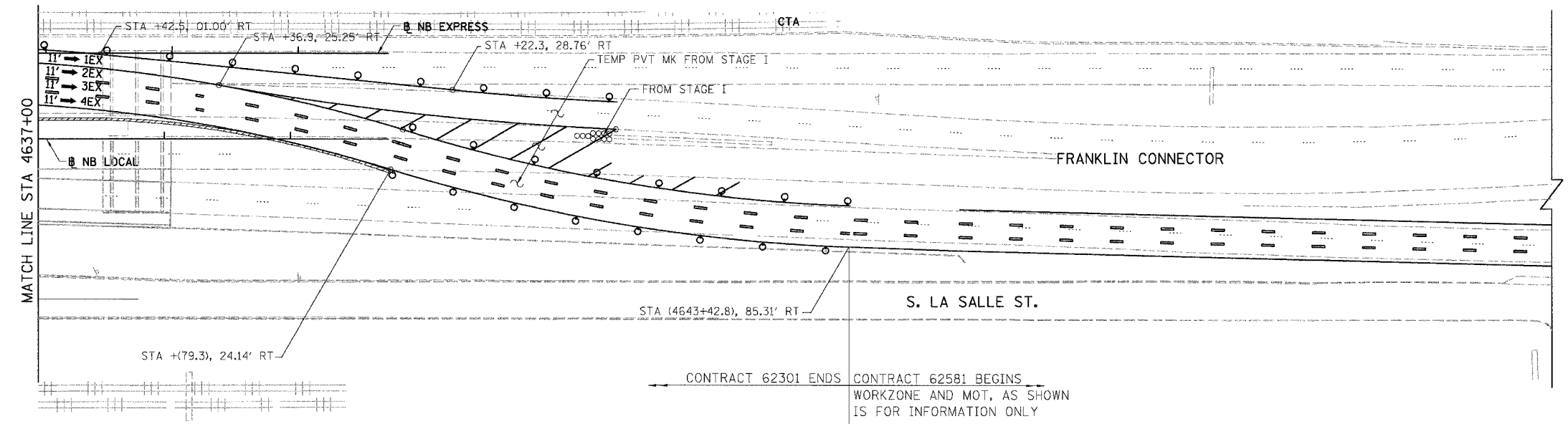
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
STAGE 3

SCALE: 1"=50'
DATE: 06/09/06
DRAWN BY: RA
CHECKED BY: RS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	108
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62301		*2021-922 PT2 ETC 2324.6-1P) R-10		



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ∞∞∞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊥ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
 - ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
 - ⑤ LINE 8" (WHITE GORE LINE)
 - ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
 - ⑦ LINE 12" (DIAGONAL, 30' C-C, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
 - +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 - (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

CONTRACT 62301 STAGE I SHOULD BE READY TO OPEN TO TRAFFIC AT THE SAME TIME THAT CONTRACT 62581 MAINTENANCE OF TRAFFIC, STAGE I IS OPEN TO TRAFFIC. BOTH CONTRACTS SHOULD COORDINATE MAINTENANCE OF TRAFFIC ISSUES AND TEMPORARY SIGNING DURING DIFFERENT MOT STAGES.

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGES 1, 2 AND SUBSTAGE IA, UNLESS OTHERWISE SPECIFIED IN STAGE 3. CROSS OVER RAMPS, TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE 2 TO REMAIN TO END OF SUBSTAGE 3A, UNLESS OTHERWISE SPECIFIED IN STAGE 3.

REVISIONS	NAME	DATE

0 50' 100'

MOT-308

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 STAGE 3

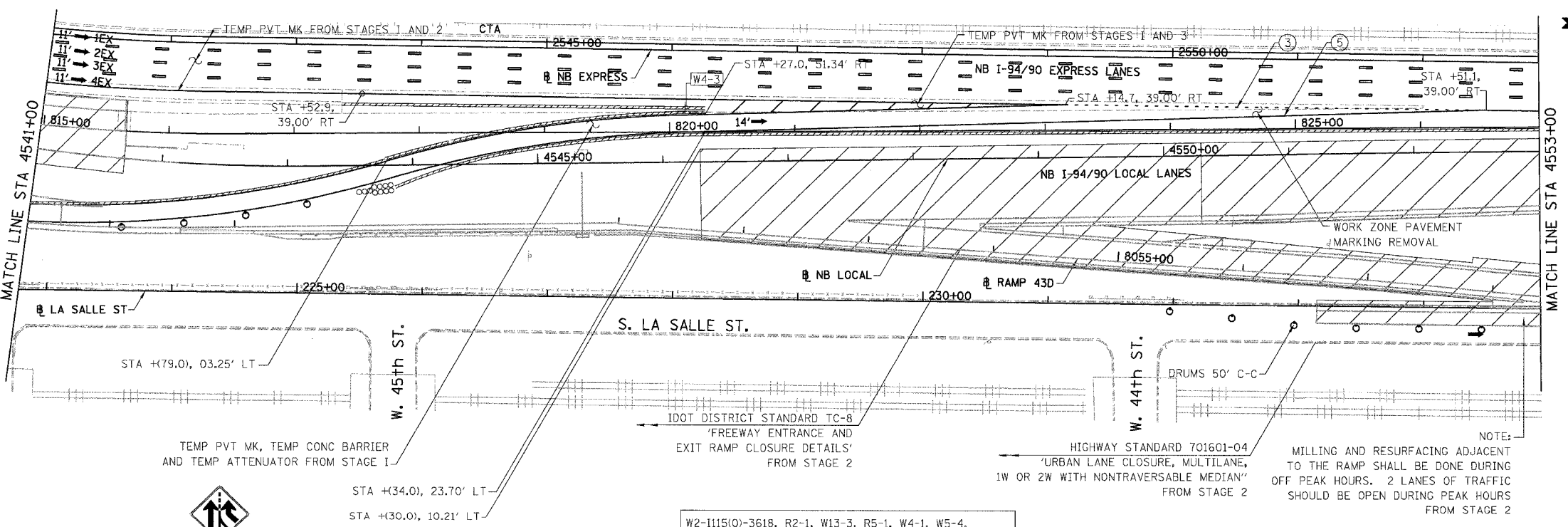
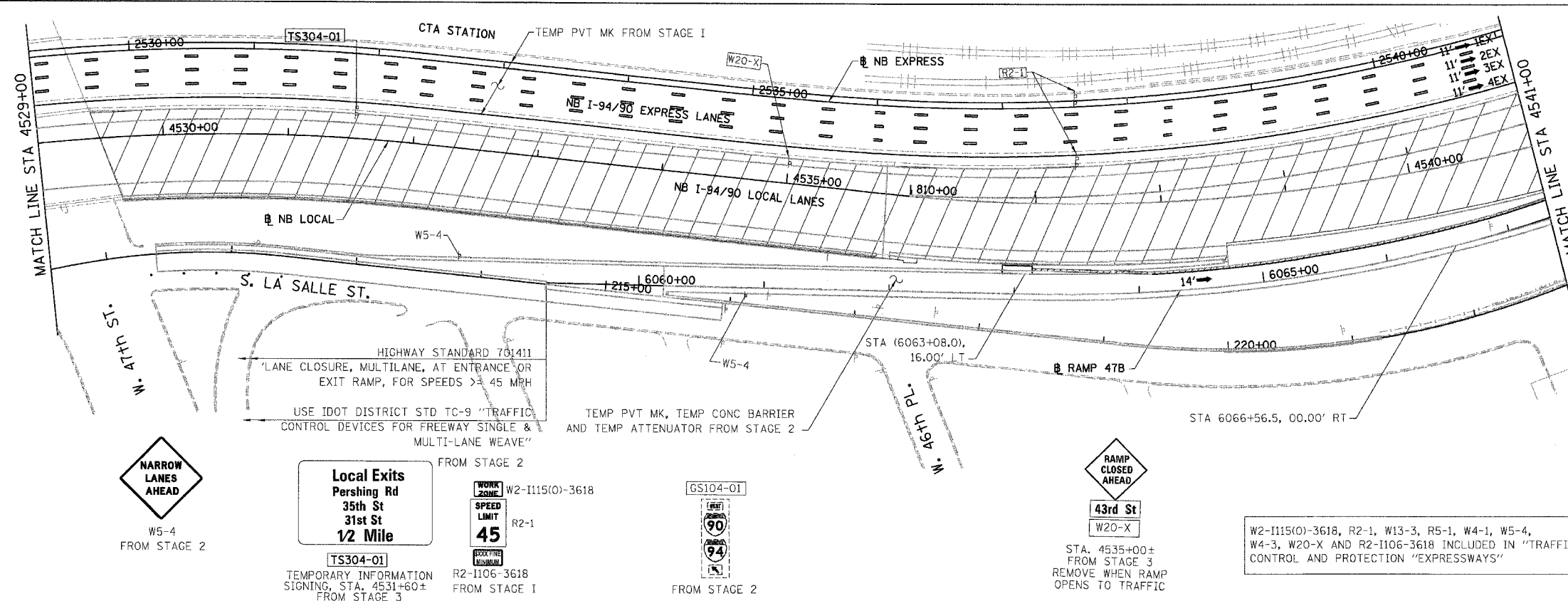
SCALE: 1"=50'
 DATE: 06/09/06
 DRAWN BY: RA
 CHECKED BY: RS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	109
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62301 * (2021-922 PT2 ETC 2324.6-1P) R-10				

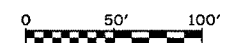


LEGEND:

- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ⊘ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ⊙ DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
- ⊞ BARRICADE TYPE III
- ▬ TEMPORARY CONCRETE BARRIER
- ① LINE 4" (YELLOW EDGE)
- ② LINE 4" (WHITE EDGE)
- ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
- ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
- ⑤ LINE 8" (WHITE GORE LINE)
- ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
- ⑦ LINE 12" (DIAGONAL, 30' C-C, WHITE)
- ⑧ LETTERS AND SYMBOLS
- ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
- GS-XXX-XX EXISTING POST MOUNTED SIGNS
- TS-XXX-XX TEMPORARY SIGNS
- XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
- (XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.



MOT-3A01

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SUGGESTED STAGES OF CONSTRUCTION
 AND TRAFFIC CONTROL
 SUBSTAGE 3A

SCALE: 1"=50'
 DATE: 06/09/06

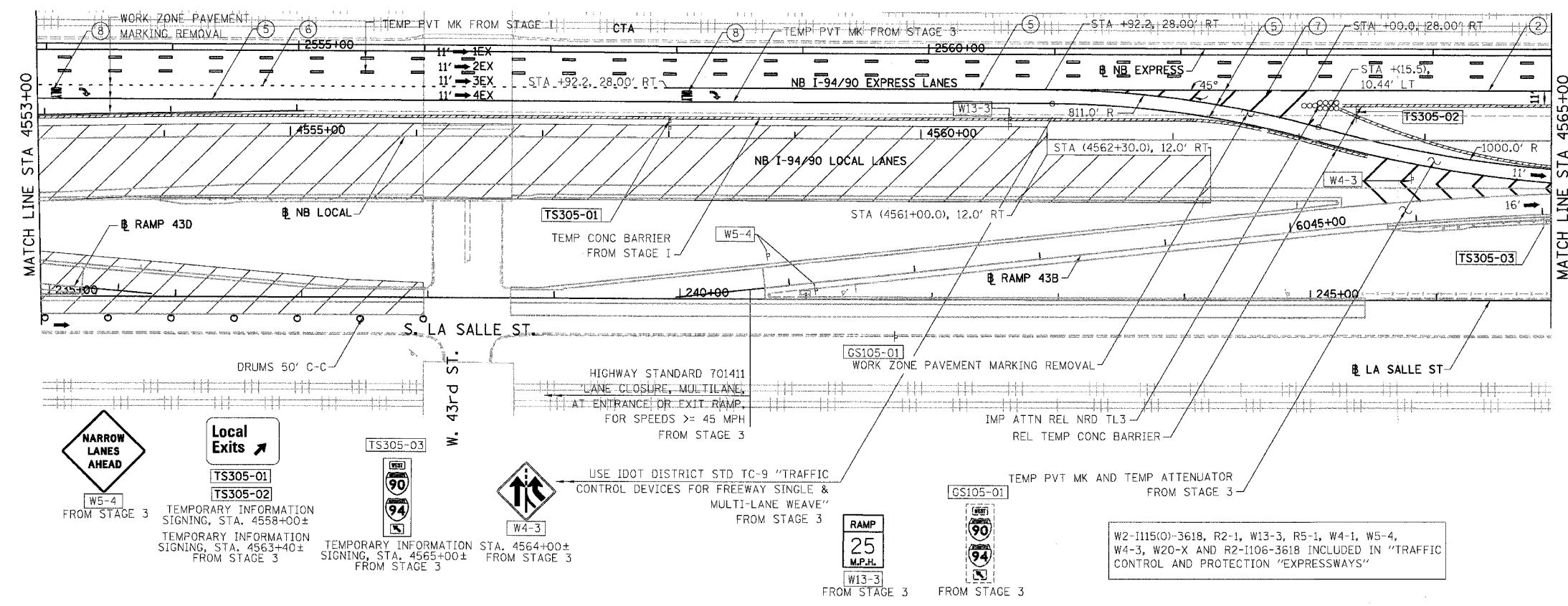
DRAWN BY: RA
 CHECKED BY: RS

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGES I, 2, SUBSTAGE IA, AND STAGE 3, UNLESS OTHERWISE SPECIFIED IN SUBSTAGE 3A.

6/7/2006 1:58:33 PM

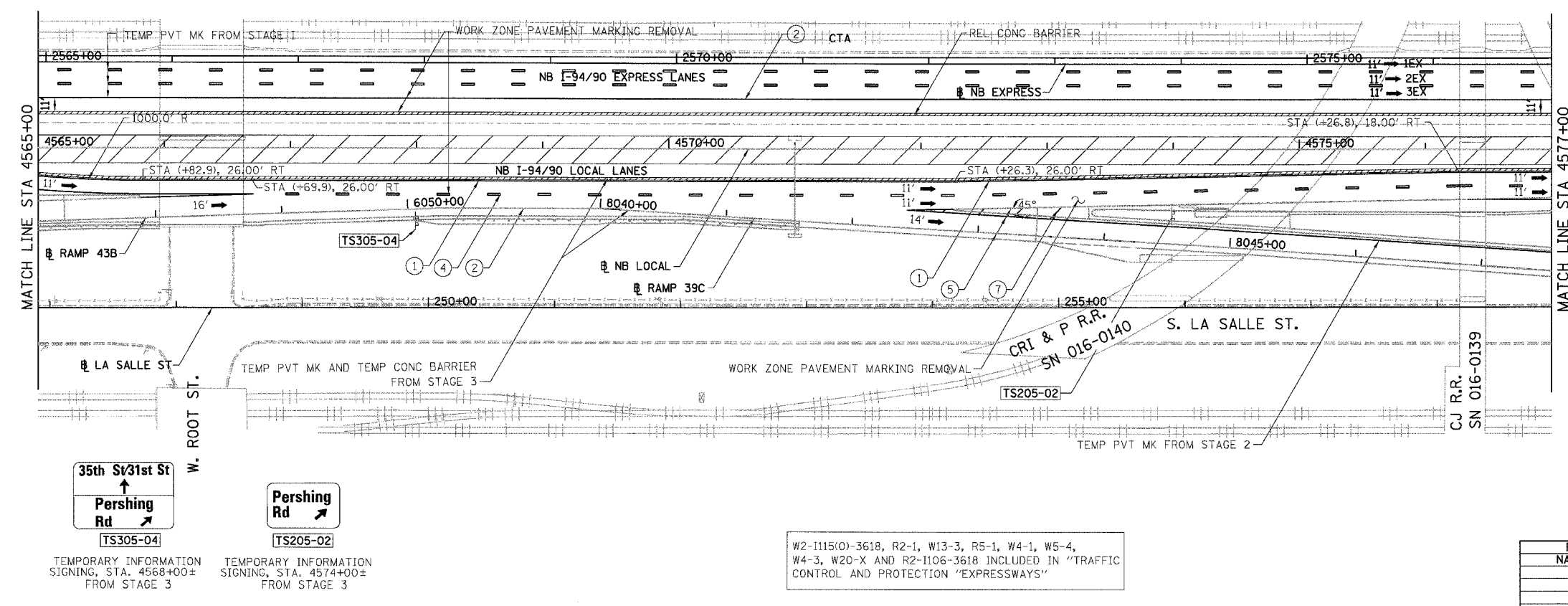
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	110
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301		*2021-922 PT2 ETC 2324.6-1P) R-10		



LEGEND:

- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ∞-∞-∞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
- ⊥ BARRICADE TYPE III
- ▨ TEMPORARY CONCRETE BARRIER
- ① LINE 4" (YELLOW EDGE)
- ② LINE 4" (WHITE EDGE)
- ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
- ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
- ⑤ LINE 8" (WHITE GORE LINE)
- ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
- ⑦ LINE 12" (DIAGONAL, 30' C-C, WHITE)
- ⑧ LETTERS AND SYMBOLS
- ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
- GS-XXX-XX EXISTING POST MOUNTED SIGNS
- TS-XXX-XX TEMPORARY SIGNS

+XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



NOTES:

- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
- SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

0 50' 100'

MOT-3A02

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SUGGESTED STAGES OF CONSTRUCTION
 AND TRAFFIC CONTROL
 SUBSTAGE 3A

SCALE: 1"=50'
 DATE: 06/09/06

DRAWN BY: RA
 CHECKED BY: RS

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

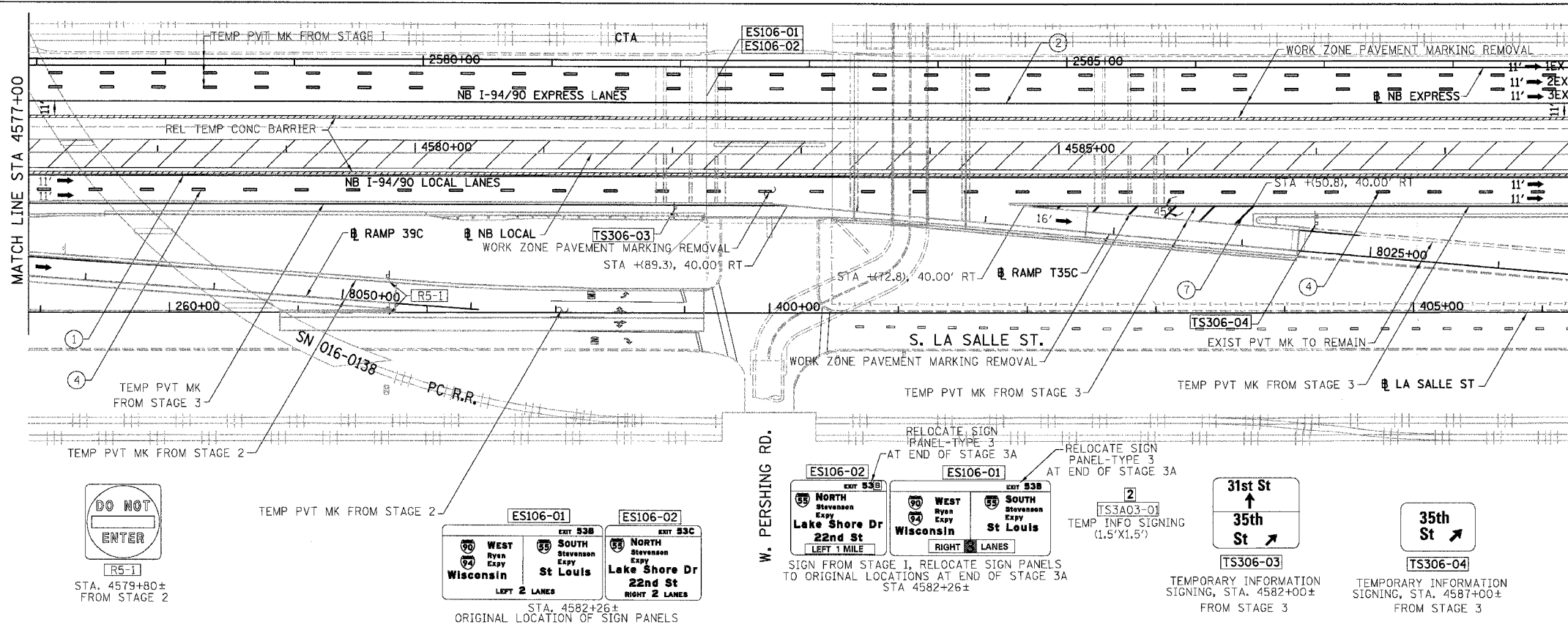
NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGES 1, 2, SUBSTAGE 1A, AND STAGE 3, UNLESS OTHERWISE SPECIFIED IN SUBSTAGE 3A.

W2-1115(0)-3618, R2-1, W13-3, R5-1, W4-1, W5-4, W4-3, W20-X AND R2-1106-3618 INCLUDED IN "TRAFFIC CONTROL AND PROTECTION "EXPRESSWAYS"

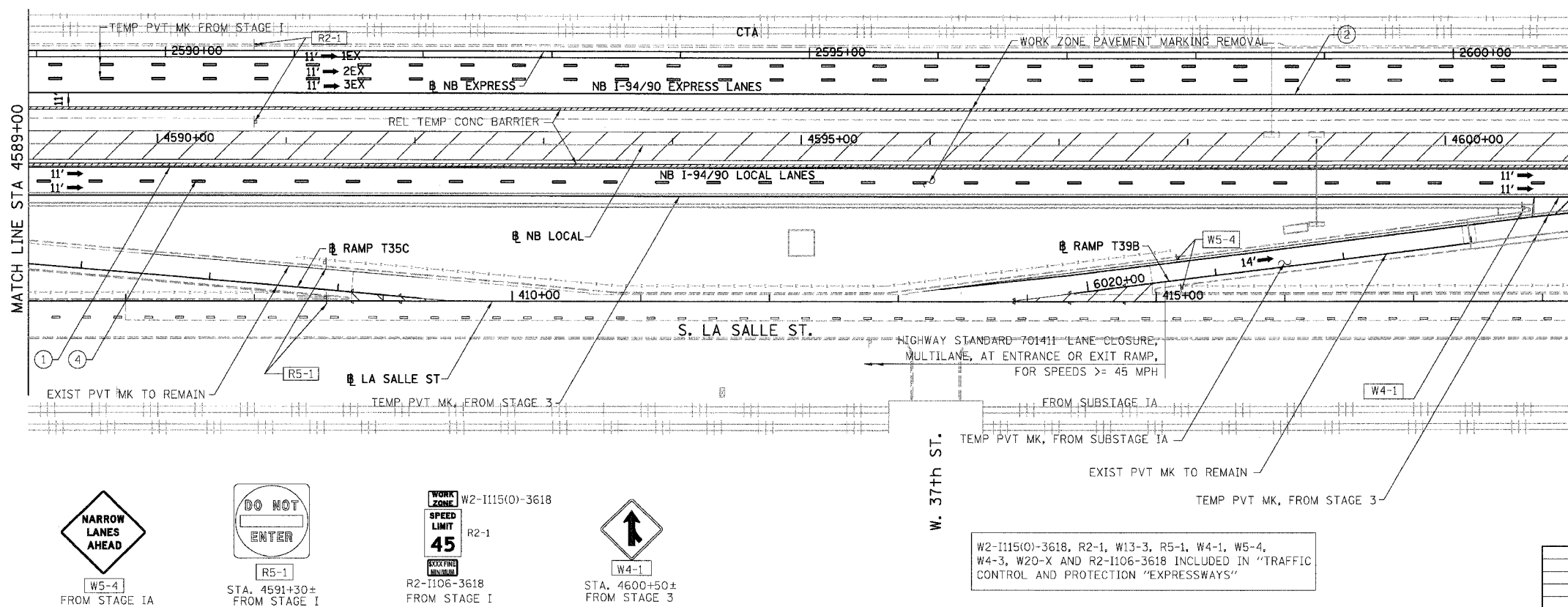
REVISIONS	
NAME	DATE

6/7/2006 10:53:33 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	111
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62301 * (2021-922 PT2 ETC 2324.6-1P) R-10				



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ∞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊥ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
 - ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
 - ⑤ LINE 8" (WHITE GORE LINE)
 - ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
 - ⑦ LINE 12" (DIAGONAL, 30' C-C, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
 - +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 - (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGES I, 2, SUBSTAGE IA, AND STAGE 3, UNLESS OTHERWISE SPECIFIED IN SUBSTAGE 3A.

W2-I115(0)-3618, R2-1, W13-3, R5-1, W4-1, W5-4, W4-3, W20-X AND R2-I106-3618 INCLUDED IN "TRAFFIC CONTROL AND PROTECTION "EXPRESSWAYS"

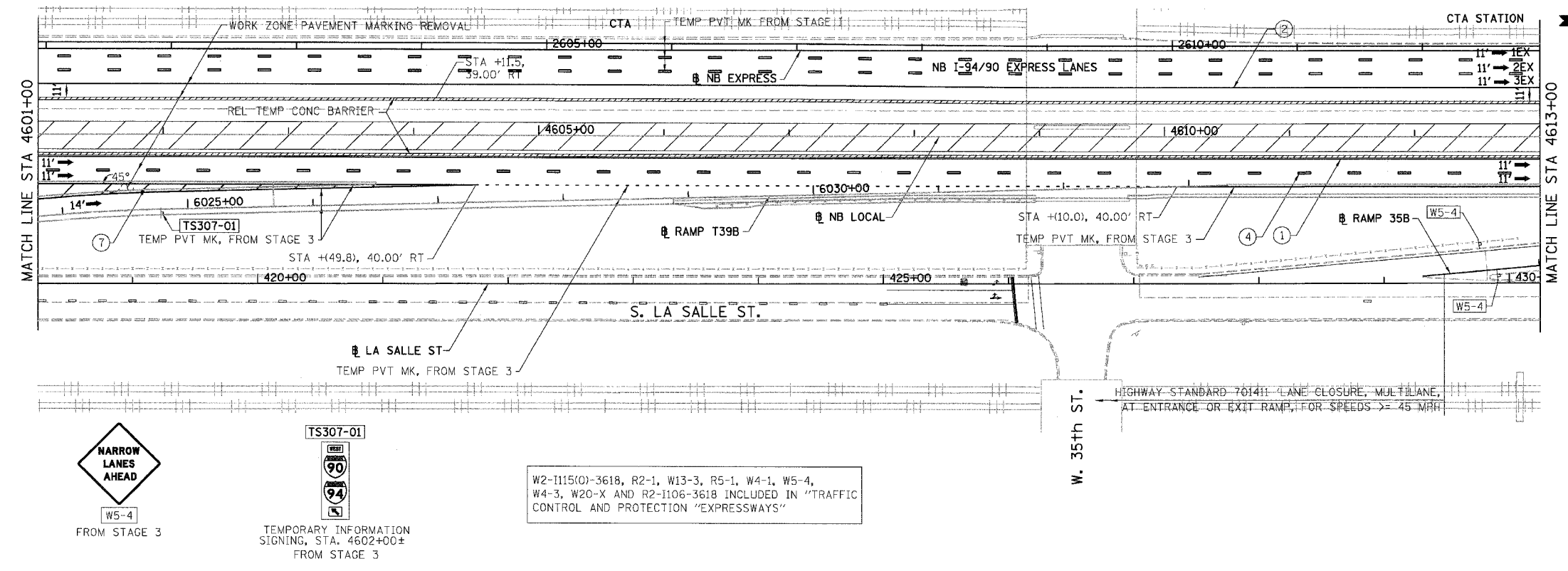
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
SUBSTAGE 3A

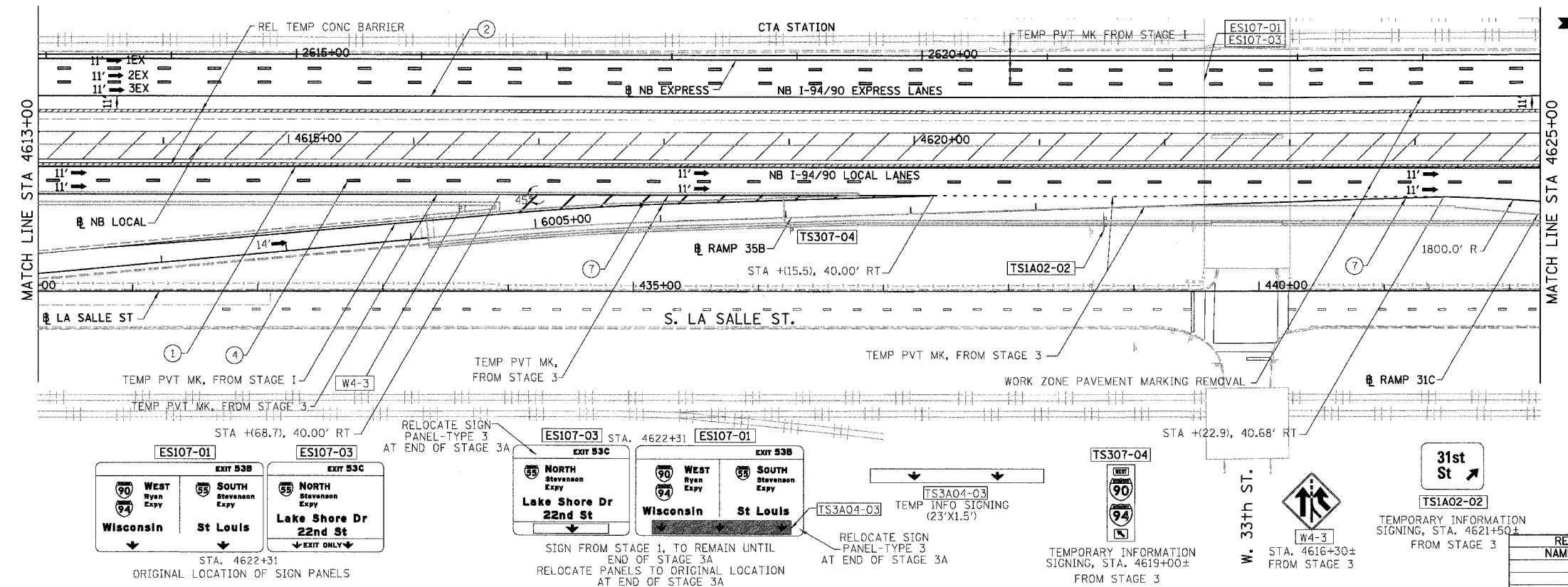
SCALE: 1"=50'
DATE: 06/09/06
DRAWN BY: RA
CHECKED BY: RS

6/7/2006 10:53:31 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	112
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62301		*(2021-922 PT2 ETC 2324.6-1P) R-10		



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ∞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊥ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
 - ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
 - ⑤ LINE 8" (WHITE GORE LINE)
 - ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
 - ⑦ LINE 12" (DIAGONAL, 30' C-C, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - [ES-XXX-XX] EXISTING OVERHEAD OR CANTILEVER SIGNS
 - [GS-XXX-XX] EXISTING POST MOUNTED SIGNS
 - [TS-XXX-XX] TEMPORARY SIGNS
- +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.
- REVISIONS**
- | NAME | DATE |
|------|------|
| | |
| | |
| | |
| | |
| | |
- MOT-3A04

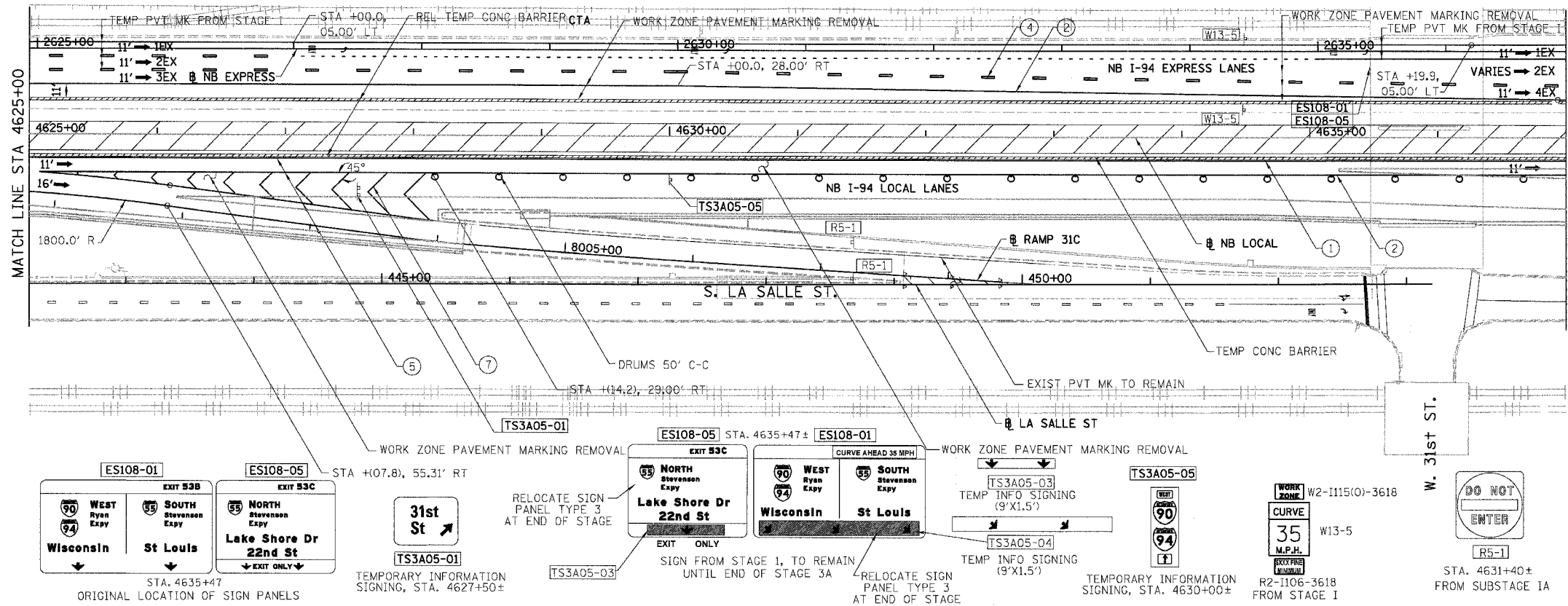
BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGES 1, 2, SUBSTAGE IA, AND STAGE 3, UNLESS OTHERWISE SPECIFIED IN SUBSTAGE 3A.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SUGGESTED STAGES OF CONSTRUCTION
 AND TRAFFIC CONTROL
 SUBSTAGE 3A

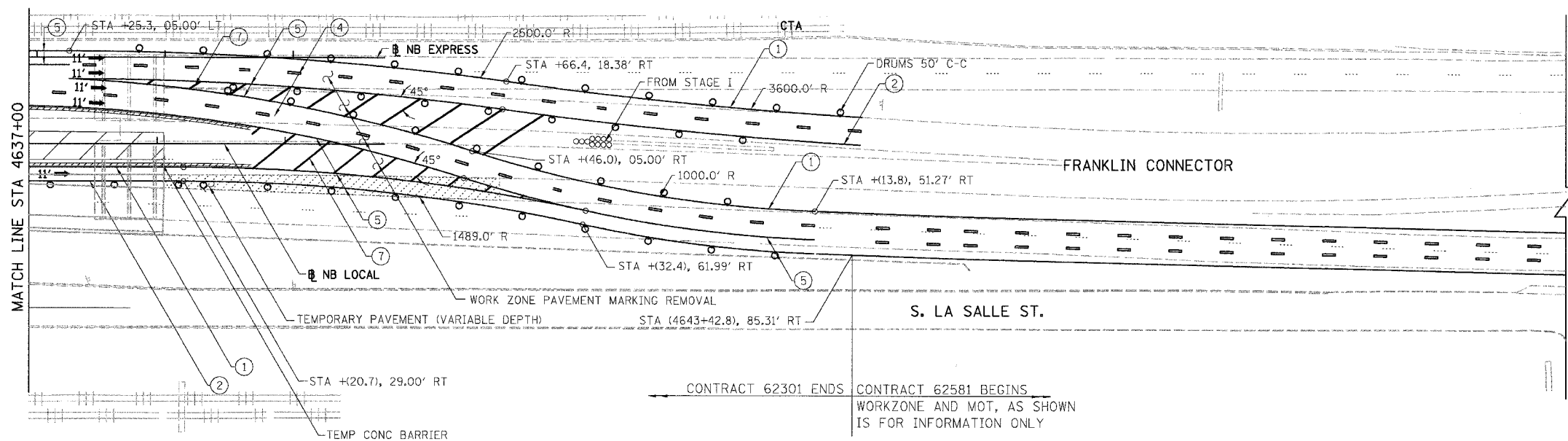
SCALE: 1"=50'
 DATE: 06/09/06
 DRAWN BY: RA
 CHECKED BY: RS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	113
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301		*I2021-922 PT2 ETC 2324.6-1P) R-10		



- LEGEND:**
- ➔ LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ⊖ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - ⊖ DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊖ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
 - ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
 - ⑤ LINE 8" (WHITE GORE LINE)
 - ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
 - ⑦ LINE 12" (DIAGONAL, 30' C-C, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS

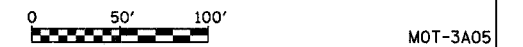
+XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

CONTRACT 62301 STAGE I SHOULD BE READY TO OPEN TO TRAFFIC AT THE SAME TIME THAT CONTRACT 62581 MAINTENANCE OF TRAFFIC, STAGE I IS OPEN TO TRAFFIC. BOTH CONTRACTS SHOULD COORDINATE MAINTENANCE OF TRAFFIC ISSUES AND TEMPORARY SIGNING DURING DIFFERENT MOT STAGES.

CONTRACT 62301 ENDS CONTRACT 62581 BEGINS
 WORKZONE AND MOT, AS SHOWN IS FOR INFORMATION ONLY



REVISIONS		NAME	DATE
NO.	DESCRIPTION		

MOT-3A05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 SUBSTAGE 3A

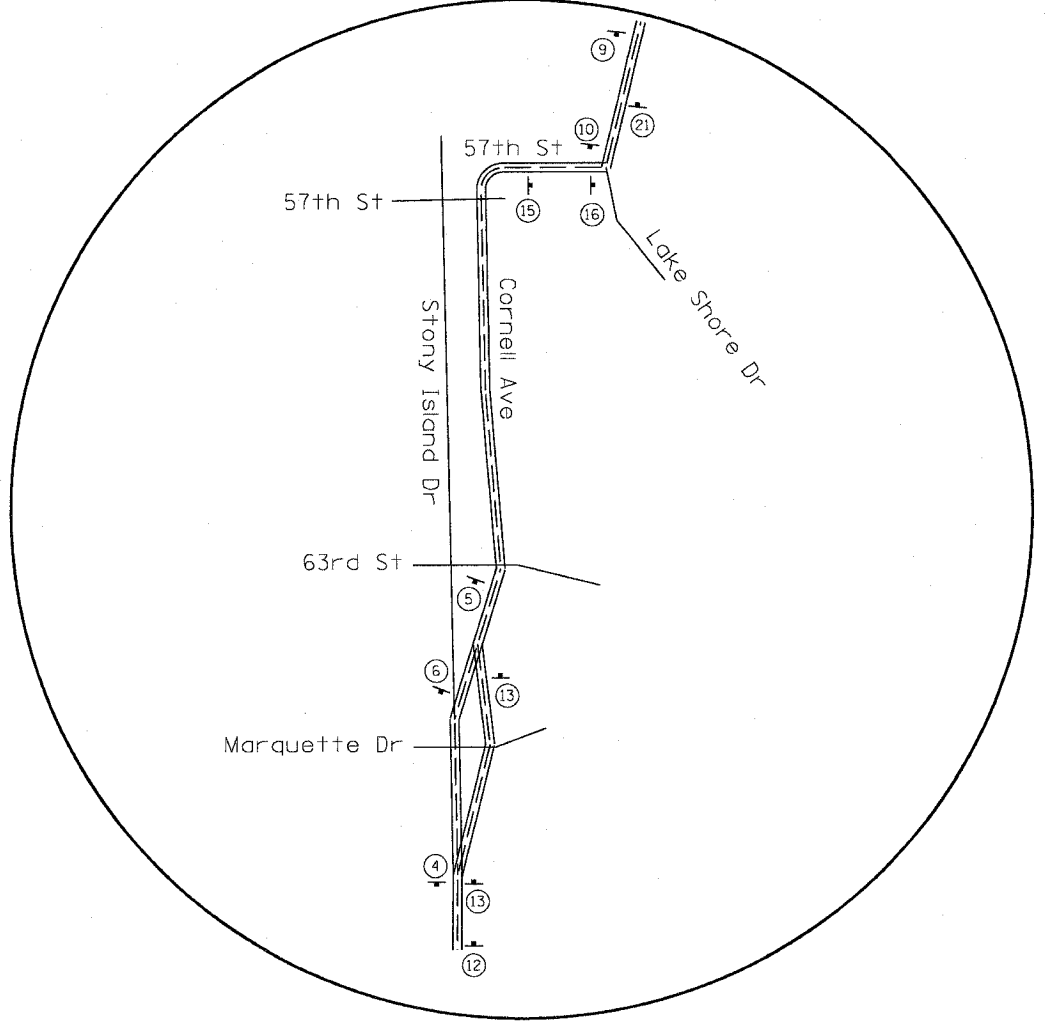
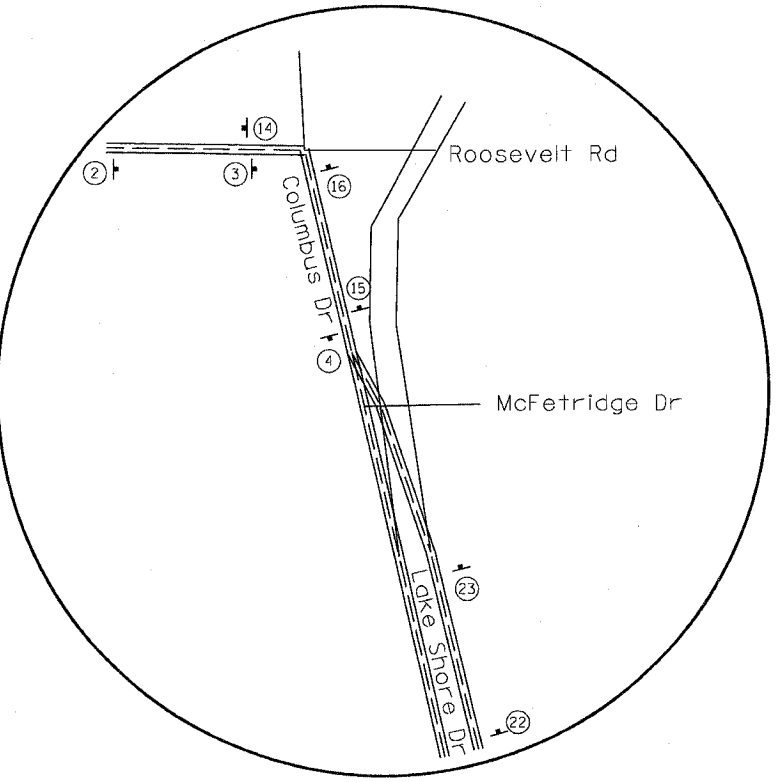
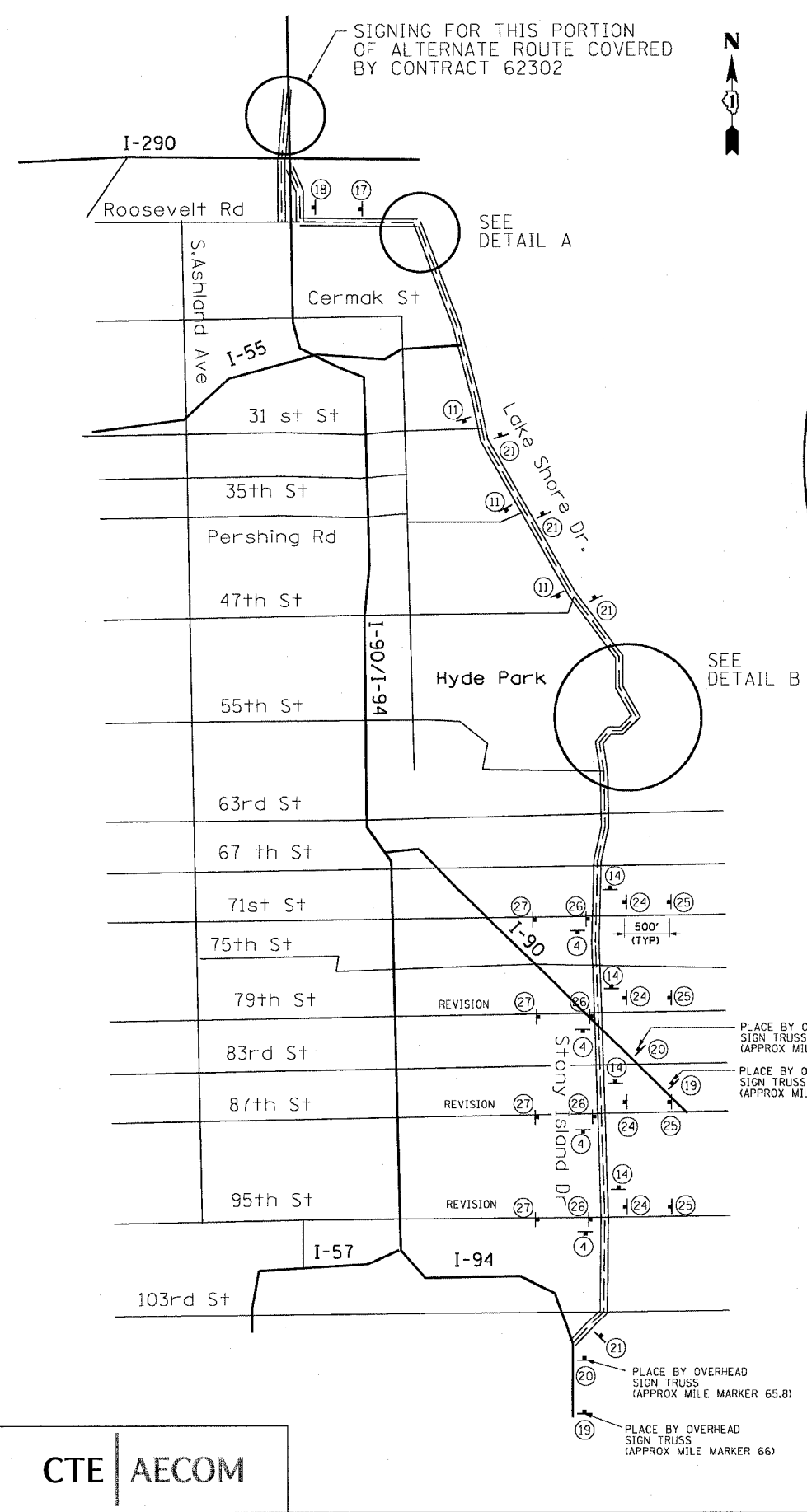
SCALE: 1"=50'
 DATE: 06/09/06
 DRAWN BY: RA
 CHECKED BY: RS

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGES 1, 2, SUBSTAGE 1A, AND STAGE 3, UNLESS OTHERWISE SPECIFIED IN SUBSTAGE 3A.

6/7/2006

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	114
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				



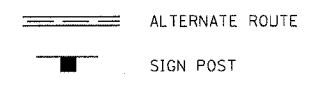
NOTE:
ALL SIGNING ON THIS SHEET IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION FOR ALTERNATE ROUTE SIGNING.

QUANTITIES

SIGN TYPE	SIZE (FT)	NO. OF SIGNS	AREA (SQ. FT.)
M4-1a, M3-2 M3-4	2 x 1	112	224
M4-1a, M3-2 M3-4	2.5 x 1.25	32	106
NO TRUCKS	3 x 1	55	165
M1-1	2 x 2	112	448
M1-1	3 x 3	32	288
M6-1, M5-1, M6-3, M5-2, M6-2,	1.75 x 1.25	72	158

TOTAL = 1,389 SQ. FT.

LEGEND:



CTE | AECOM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

ALTERNATE ROUTE SIGNING PLAN

SCALE: NONE DRAWN BY: GG
DATE: June 9, 2006 CHECKED BY: TAJ

ARS-01

6/7/2006 1:46:57 PM p:\04068\CH\IN\B-ctrls 18 & 19\st\ctrl 18\alternate route signing\ars01\2006

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	115
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				

(36x12)

NO TRUCKS

ALT

EAST

90

94

M4-1a (24x12)

M3-2 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M5-1 (21x15)

(2)

(36x12)

NO TRUCKS

ALT

EAST

90

94

M4-1a (24x12)

M3-2 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M6-1 (21x15)

(3)

(36x12)

NO TRUCKS

ALT

EAST

90

94

M4-1a (24x12)

M3-2 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M6-3 (21x15)

(4)

(36x12)

NO TRUCKS

ALT

EAST

90

94

M4-1a (24x12)

M3-2 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M5-2 (21x15)

(5)

NO TRUCKS

ALT

WEST

90

94

↑

Orange Reflective Background With Black Border and Text

(36x12)

NO TRUCKS

ALT

EAST

90

94

M4-1a (24x12)

M3-2 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M6-2 (21x15)

(6)

(36x12)

NO TRUCKS

ALT

EAST

90

94

M4-1a (30x15)

M3-2 (30x15)

M1-1 (36x36)

M1-1 (36x36)

M5-1 (21x15)

(9)

(36x12)

NO TRUCKS

ALT

EAST

90

94

M4-1a (30x15)

M3-2 (30x15)

M1-1 (36x36)

M1-1 (36x36)

M6-1 (21x15)

(10)

(36x12)

NO TRUCKS

ALT

EAST

90

94

M4-1a (30x15)

M3-2 (30x15)

M1-1 (36x36)

M1-1 (36x36)

M6-3 (21x15)

(11)

(36x12)

NO TRUCKS

ALT

WEST

90

94

M4-1a (24x12)

M3-4 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M5-2 (21x15)

(12)

(36x12)

NO TRUCKS

ALT

WEST

90

94

M4-1a (24x12)

M3-4 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M6-2 (21x15)

(13)

(36x12)

NO TRUCKS

ALT

WEST

90

94

M4-1a (24x12)

M3-4 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M6-3 (21x15)

(14)

(36x12)

NO TRUCKS

ALT

WEST

90

94

M4-1a (24x12)

M3-4 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M5-1 (21x15)

(15)

(36x12)

NO TRUCKS

ALT

WEST

90

94

M4-1a (24x12)

M3-4 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M6-1 (21x15)

(16)

(36x12)

NO TRUCKS

ALT

WEST

90

94

M4-1a (24x12)

M3-4 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M5-1 (21x15)

(17)

(36x12)

NO TRUCKS

ALT

WEST

90

94

M4-1a (24x12)

M3-4 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M6-1 (21x15)

(18)

(36x12)

NO TRUCKS

ALT

WEST

90

94

M4-1a (30x15)

M3-4 (30x15)

M1-1 (36x36)

M1-1 (36x36)

M5-2 (21x15)

(19)

(36x12)

NO TRUCKS

ALT

WEST

90

94

M4-1a (30x15)

M3-4 (30x15)

M1-1 (36x36)

M1-1 (36x36)

M6-2 (21x15)

(20)

(36x12)

NO TRUCKS

ALT

EAST

90

94

M4-1a (24x12)

M3-2 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M6-1 (21x15)

(24)

(36x12)

NO TRUCKS

ALT

WEST

90

94

M4-1a (24x12)

M3-4 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M5-1 (21x15)

(25)

(36x12)

NO TRUCKS

ALT

WEST

90

94

M4-1a (24x12)

M3-4 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M6-1 (21x15)

(26)

(36x12)

NO TRUCKS

ALT

EAST

90

94

M4-1a (24x12)

M3-2 (24x12)

M1-1 (24x24)

M1-1 (24x24)

M5-1 (21x15)

(27)

NOTE:
ALL SIGNING ON THIS SHEET IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION FOR ALTERNATE ROUTE SIGNING.

REVISIONS	
NAME	DATE

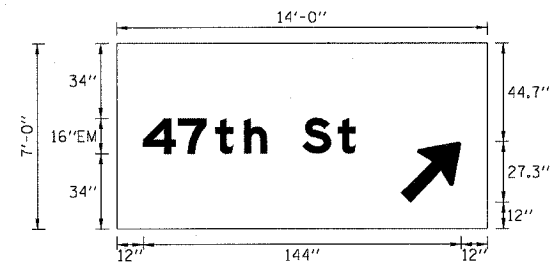
ARS-02
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

ALTERNATE ROUTE SIGNING PLAN

SCALE: NONE
DATE: June 9, 2006

DRAWN BY: GG
CHECKED BY: TAJ

SIGN DETAIL



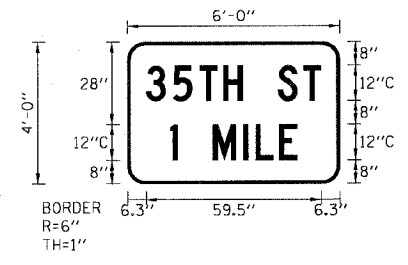
SIGN NUMBER	TS-202-02
WIDTH x HEIGHT	14'-0" x 7'-0"
BORDER WIDTH	0"
CORNER RADIUS	0"
MOUNTING	TEMPORARY OVERLAY
BACKGROUND	TYPE: REFLECTIVE COLOR: ORANGE
LEGEND/BORDER	TYPE: NON-REFLECTIVE COLOR: BLACK

SYMBOL	X	Y	WID	HT
ARMED	128.7	12	22.3	35.1

DIMENSIONS ARE IN INCHES.TENTHS LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

LETTER POSITIONS (X)										LENGTH SERIES, SIZE	
4	7	t	h		S	t				96.3	EM16/12
12	27.8	44.8	57.8	68.1	84.1	100.2					

SIGN DETAIL



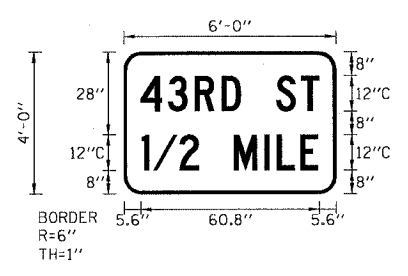
SIGN NUMBER	TS-103-03
WIDTH x HEIGHT	6'-0" x 4'-0"
BORDER WIDTH	1"
CORNER RADIUS	6"
MOUNTING	TEMPORARY GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: ORANGE
LEGEND/BORDER	TYPE: NON-REFLECTIVE COLOR: BLACK

SYMBOL	X	Y	WID	HT

DIMENSIONS ARE IN INCHES.TENTHS LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

LETTER POSITIONS (X)										LENGTH SERIES, SIZE	
3	5	T	H		S	T				59.5	C12
6.3	15.4	24.5	32.6	39.1	51.1	59.7					

SIGN DETAIL



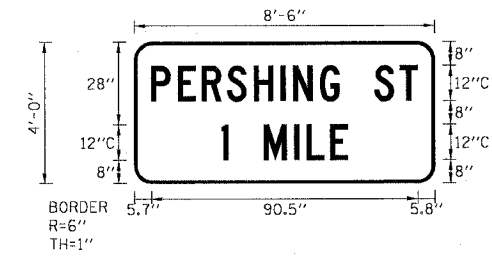
SIGN NUMBER	TS-103-02
WIDTH x HEIGHT	6'-0" x 4'-0"
BORDER WIDTH	1"
CORNER RADIUS	6"
MOUNTING	TEMPORARY GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: ORANGE
LEGEND/BORDER	TYPE: NON-REFLECTIVE COLOR: BLACK

SYMBOL	X	Y	WID	HT

DIMENSIONS ARE IN INCHES.TENTHS LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

LETTER POSITIONS (X)										LENGTH SERIES, SIZE	
4	3	R	D		S	T				60.8	C12
5.6	15	24.1	33.2	39.8	51.8	60.3					

SIGN DETAIL



SIGN NUMBER	TS-203-01
WIDTH x HEIGHT	8'-6" x 4'-0"
BORDER WIDTH	1"
CORNER RADIUS	6"
MOUNTING	TEMPORARY GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: ORANGE
LEGEND/BORDER	TYPE: NON-REFLECTIVE COLOR: BLACK

SYMBOL	X	Y	WID	HT

DIMENSIONS ARE IN INCHES.TENTHS LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

LETTER POSITIONS (X)										LENGTH SERIES, SIZE			
P	E	R	S	H	I	N	G		S	T		90.6	C12
5.7	14.9	22.9	31.5	40.6	49.8	54	63.1	69.7	81.7	90.3			

SIGN DETAIL

SIGN NUMBER	TS-203-02
WIDTH x HEIGHT	6'-0" x 4'-0"
BORDER WIDTH	1"
CORNER RADIUS	6"
MOUNTING	TEMPORARY GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: ORANGE
LEGEND/BORDER	TYPE: NON-REFLECTIVE COLOR: BLACK

SYMBOL	X	Y	WID	HT

DIMENSIONS ARE IN INCHES, TENTHS LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

LETTER POSITIONS (X)											LENGTH SERIES, SIZE				
3	1	S	T			S	T							55.4	C12
8.3	17.5	22.5	31	37.1	49.1	57.7									
1	M	I	L	E										43	C12
14.6	29	39.3	43.5	51.5											

SIGN DETAIL

SIGN NUMBER	TS-303-01
WIDTH x HEIGHT	9'-0" x 9'-0"
BORDER WIDTH	1"
CORNER RADIUS	6"
MOUNTING	TEMPORARY GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: ORANGE
LEGEND/BORDER	TYPE: NON-REFLECTIVE COLOR: BLACK

SYMBOL	X	Y	WID	HT

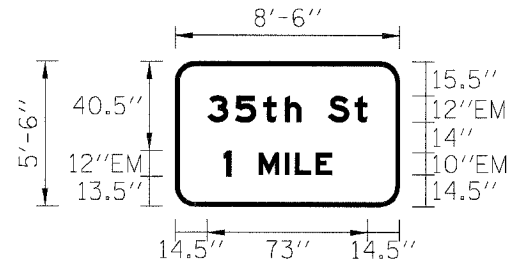
DIMENSIONS ARE IN INCHES, TENTHS LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

LETTER POSITIONS (X)											LENGTH SERIES, SIZE				
L	O	C	A	L		E	X	I	T	S				87.9	C12
10	18	27	34.9	44.4	50.5	62.5	70.5	79.6	83.3	91.3					
P	E	R	S	H	I	N	G		R	D				91.5	C12
8.3	17.4	25.4	34	43.1	52.2	56.4	65.5	72	84	93.1					
3	5	T	H		S	T								59.4	C12
24.3	33.4	42.5	50.5	57.1	69.1	77.7									
3	5	T	H		S	T								59.4	C12
24.3	33.4	42.5	50.5	57.1	69.1	77.7									
3	1	S	T		S	T								55.3	C12
26.3	35.4	40.4	49	55	67	75.6									
1	M	I	L	E										43	C12
32.5	46.9	57.2	61.4	69.5											

P:\P\0468\CH\IN\8-Chris 18 & 19\STA\Chn. 18\MOY-Signing\MOY-TIS-02.dwg 6/7/2006 15:37 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	118
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*1818, ETC, 2324.6-1P/R-10			

SIGN DETAIL
1:100



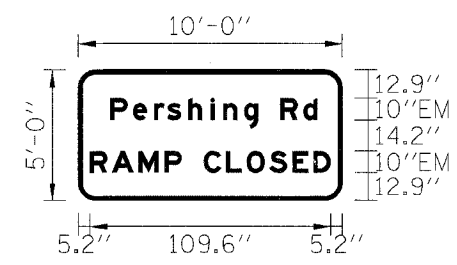
SIGN NUMBER	name
WIDTH x HGHT.	8'-6" x 5'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

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

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
3	5	t	h		S	t				73	EM12.9
14.5	27.2	39.9	49.7	57.4	69.3	81.4					
1	M	I	L	E						49.4	EM12,EM10.1
21.9	37.9	49.8	54.4	63.9							

SIGN DETAIL
1:100



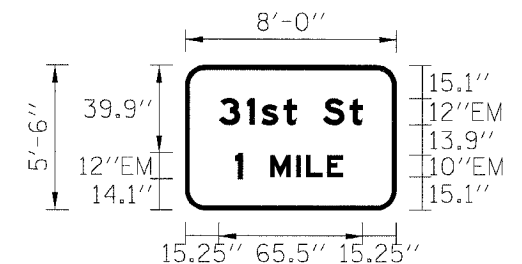
SIGN NUMBER	name
WIDTH x HGHT.	10'-0" x 5'-0"
BORDER WIDTH	2"
CORNER RADIUS	8"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

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

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
P	e	r	s	h	i	n	g	R	d	94.3	EM107.5
14.4	24.8	34.4	40.5	49.9	60.1	65.9	75.4	81.8	91.8		
R	A	M	P	C	L	O	S	E	D	109.6	EM10
5.2	15.2	27.3	39.1	47	57	67.1	76.5	86.8	97.4		

SIGN DETAIL
1:100



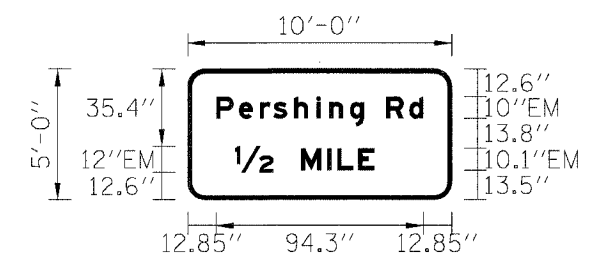
SIGN NUMBER	name
WIDTH x HGHT.	8'-0" x 5'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

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

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
3	1	s	t		S	t				65.5	EM12.9
15.3	27.9	34.6	44.6	50.6	62.6	74.7					
1	M	I	L	E						49.1	EM12,EM10
22.6	38.7	50.4	55	64.4							

SIGN DETAIL
1:100



SIGN NUMBER	name
WIDTH x HGHT.	10'-0" x 5'-0"
BORDER WIDTH	2"
CORNER RADIUS	8"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

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

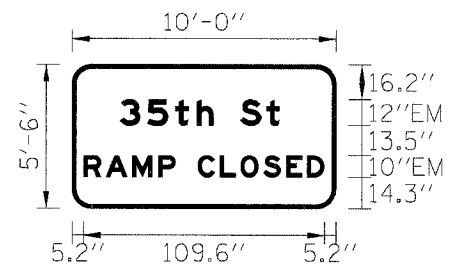
LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
P	e	r	s	h	i	n	g	R	d	94.3	EM107.5
12.9	23.3	32.8	38.9	48.3	58.5	64.3	73.8	80.2	90.2		
1/2	M	I	L	E						63.5	EM12,EM10.1
21.4	51.5	63.4	68	77.5							

REVISIONS	
NAME	DATE

TIS-03
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
TEMPORARY SIGN PANEL DETAILS
SCALE: NONE
DATE: 06/09/06
DRAWN BY: RV
CHECKED BY: AS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	119
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62301		*(1818, ETC, 2324.6-1P)R-10		

SIGN DETAIL
1:100



SIGN NUMBER	name
WIDTH x HGHT.	10'-0" x 5'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White /Pure White

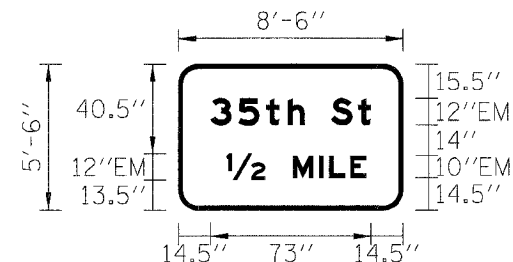
SYMBOL	X	Y	WID	HT

Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIESIZE
3	5	t	h	S	t							73	EM129
21.4	34.1	46.8	56.6	64.3	76.3	88.4							
R	A	M	P	C	L	O	S	E	D			109.6	EM10
5.2	15.2	27.3	39.1	47	57	67.1	76.5	86.8	97.4	106.8			

SIGN DETAIL
1:100



SIGN NUMBER	4551+6
WIDTH x HGHT.	8'-6" x 5'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

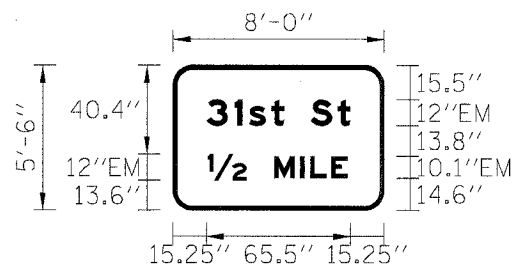
SYMBOL	X	Y	WID	HT

Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIESIZE
3	5	t	h	S	t							73	EM129
14.5	27.2	39.9	49.7	57.4	69.3	81.4							
1/2	M	I	L	E								63.5	EM12,EM10
21.9	51.9	63.8	68.4	77.9									

SIGN DETAIL
1:100



SIGN NUMBER	name
WIDTH x HGHT.	8'-0" x 5'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White /Pure White

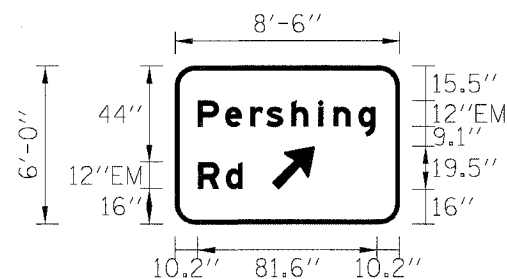
SYMBOL	X	Y	WID	HT

Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIESIZE
3	1	s	t	S	t							65.5	EM129
15.3	27.9	34.6	44.6	50.6	62.6	74.7							
1/2	M	I	L	E								63.5	EM12,EM10.1
15.9	45.9	57.8	62.4	71.9									

SIGN DETAIL
1:100



SIGN NUMBER	4569+25
WIDTH x HGHT.	8'-6" x 6'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT
ARMED	43.9	15.6	16	25.2

Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIESIZE
P	e	r	s	h	i	n	g					81.6	EM129
10.2	22.7	34.1	41.5	52.8	65	71.9	83.3	91					
R	d											20.4	EM129
10.3	23												

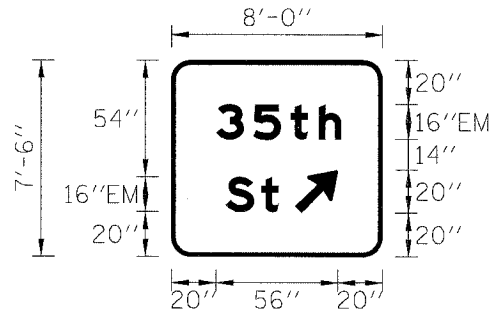
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
TEMPORARY SIGN PANEL DETAILS

SCALE: NONE
DATE: 06/09/06
DRAWN BY: RV
CHECKED BY: AS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	•	COOK	565	120
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62301	•(1818, ETC., 2324.6-1P)R-10			

SIGN DETAIL
1:100



SIGN NUMBER	4578+00and 4581+60
WIDTH x HIGHT.	8'-0" x 7'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

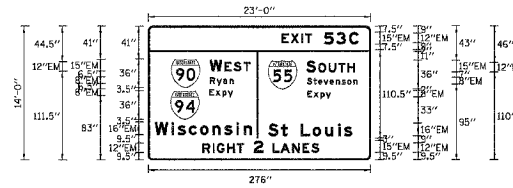
SYMBOL	X	Y	WID	HT
ARMED	56.1	20	16	25.2

Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
3	5	t	h							57.1	EM16/12
20.2	37.1	54	67.1								
S	t									24.2	EM16/12
24.6	40.8										

SIGN DETAIL
1:75



SIGN NUMBER	4582+28
WIDTH x HIGHT.	23'-0" x 14'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	Bridge Mount
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

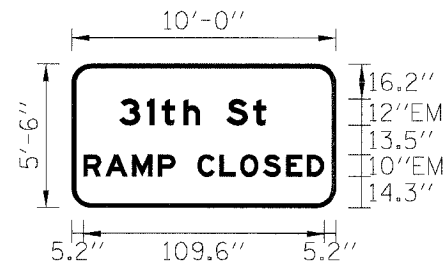
SYMBOL	X	Y	WID	HT
M1_1	28.4	91	36	36
M1_1	148.7	89.2	36	36
M1_1	27.5	51.3	36	36

Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE	
E	X	I	T	S	3	C				95.7	EM12,EM15	
155.5	175.6	189.6	194.5	218.3	233.4	249.2						
W	E	S	T							60.7	EM15,EM12	
78.1	94.6	105.9	118									
S	O	U	T	H						60.7	EM15,EM12	
136	210.8	223.8	235.8	247.1								
R	y	a	n							26.6	EM9/6	
78.9	84.8	92.8	101									
S	t	a	v	e	n	s	o	n		42.9	EM9/6	
156.9	205	219.8	277.6	225.1	232.8	240.1	247	254.7				
E	x	p	y							29.5	EM9/6	
75.6	83.5	92	98.7									
E	x	p	y							39.5	EM9/6	
197.4	205.2	213.8	220.4									
W	i	s	c	o	n	s	i	n		121.7	EM16/12	
8	29	36.6	50.2	84.1	79.6	94.3	105.3	118.5				
S	:	L	o	u	s					194.7	EM16/12	
148.7	164.8	172.9	188.9	203.9	219.3	235.8	243.2					
R	I	C	H	T	2	L	A	N	E	S	145.1	EM12,EM15-1
87.1	79.7	85.2	97.8	109.9	130.6	154.3	164	178.4	191.1	202.4		

SIGN DETAIL
1:100



SIGN NUMBER	name
WIDTH x HIGHT.	10'-0" x 5'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

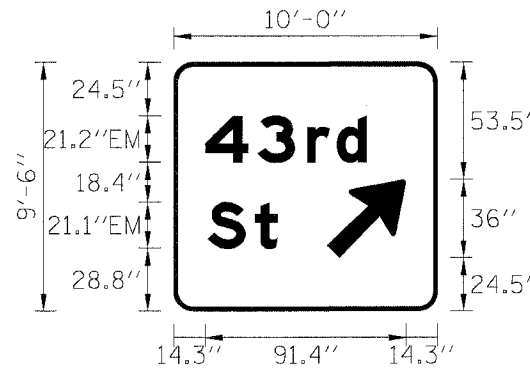
SYMBOL	X	Y	WID	HT
ARMED	69.7	24.5	29.4	46.3

Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE	
3	1	t	h	S	t					66.9	EM12/9	
21.4	34.1	40.8	50.6	58.2	70.2	82.3						
R	A	M	P	C	L	O	S	E	D	109.6	EM10	
5.2	15.2	27.3	39.1	47	57	67.1	76.5	86.8	97.4	106.8		

SIGN DETAIL
1:100



SIGN NUMBER	name
WIDTH x HIGHT.	10'-0" x 9'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT
ARMED	69.7	24.5	29.4	46.3

Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
4	3	r	d							73.4	EM21.2/15.9
14.3	38.2	60.6	74.1								
S	t									31.9	EM21.1/15.8
15.5	36.8										

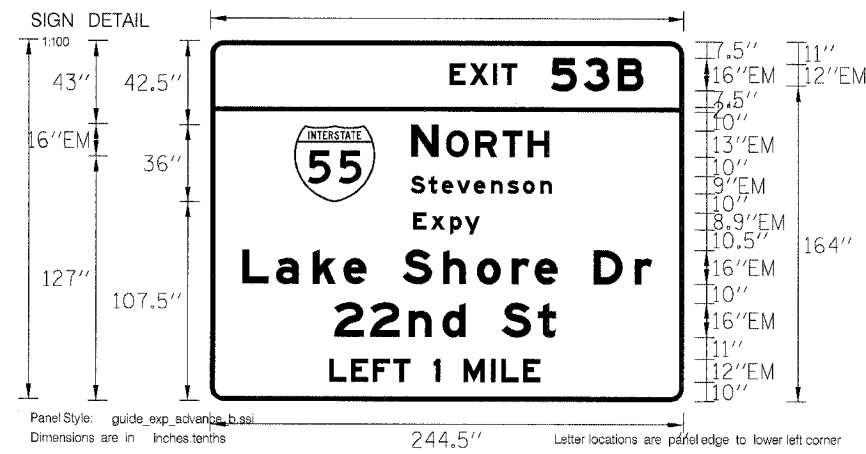
REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
TEMPORARY SIGN PANEL DETAILS

SCALE: NONE
DATE: 06/09/06

DRAWN BY: RV
CHECKED BY: AS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	121
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62301		*(1818, ETC, 2324.6-1P)R-10		



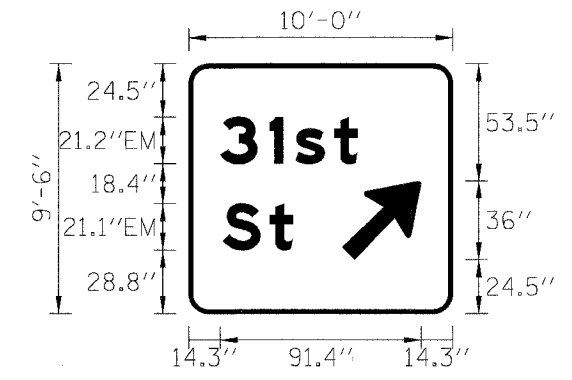
SIGN NUMBER	4582+26
WIDTH x HGHT.	20'-5" x 15'-6"
BORDER WIDTH	2.33"
CORNER RADIUS	9"
MOUNTING	Bridge Mount
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	43.1	103.6	36	36

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE			
E	X	I	T	S	3	B				100.2	EM11.1, EM16.7			
123.5	133.9	145.8	150.3	175.9	192.7	210.4								
N	O	R	T	H						71.4	EM16, EM12			
103.6	121.6	136.7	150.8	163.9										
S	t	e	v	e	n	s	o	n		73.2	EM9.6			
103.1	112.5	119.3	127.2	136	144.9	153.4	161.4	170.4						
E	x	p	y							34.4	EM9.6			
104.6	113.8	123.7	131.5											
L	a	k	e	S	h	o	r	e	D	r	212	EM16/12		
16.3	33.7	52.7	68.6	80.5	99.1	120	137.6	155.6	167.5	179.4	198	219.2		
2	2	n	d	S	t								114.8	EM16/12
63.6	82.5	102.3	119.9	131.9	150.5	169.3								
L	E	F	T	t	M	I	L	E					109	EM12
61.3	72.6	83.9	94.4	103.2	115.2	118.7	130.7	144.9	150.3	161.6				

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

SIGN DETAIL
1:100



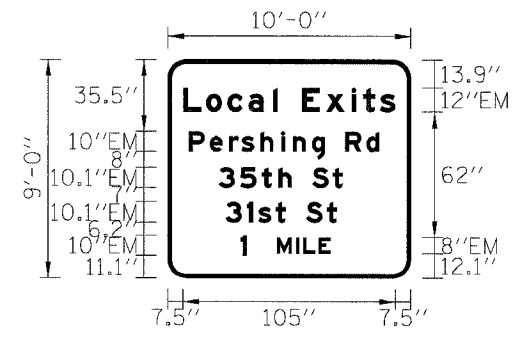
SIGN NUMBER	name
WIDTH x HGHT.	10'-0" x 9'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT
ARMED	69.7	24.5	29.4	46.3

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

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
3	1	s	t							62.4	EM21.2/15.9
14.3	36.7	48.4	66.1								
S	t									31.9	EM21.1/15.8
15.5	36.8										

SIGN DETAIL
1:100



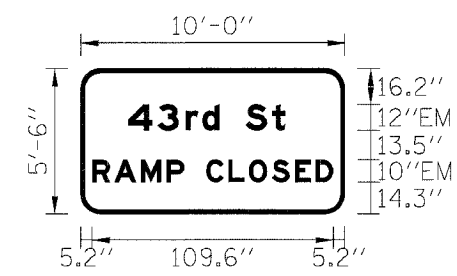
SIGN NUMBER	name
WIDTH x HGHT.	10'-0" x 9'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

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

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE	
L	o	c	a	i	E	x	i	t	s	105	EM12.9	
7.5	18.8	29.3	39.7	51.9	54.2	66.2	78	90.7	96.4	104.9		
P	e	r	s	h	i	n	g	R	d	94.3	EM107.5	
10.2	20.6	30.2	36.3	45.7	55.9	61.7	71.1	77.5	87.5	98.1		
3	5	t	h	S	t					62.1	EM10.1/7.6	
25	35.7	46.4	54.6	61.1	71.2	81.4	86.4					
3	1	s	t	S	t					55.8	EM10.1/7.6	
28.4	39.1	44.7	53.1	58.1	68.2	78.4	83.5					
1	M	I	L	E						44.4	EM10, EM8	
35.9	53.9	63.3	66.9	74.4								

SIGN DETAIL
1:100



SIGN NUMBER	name
WIDTH x HGHT.	10'-0" x 5'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

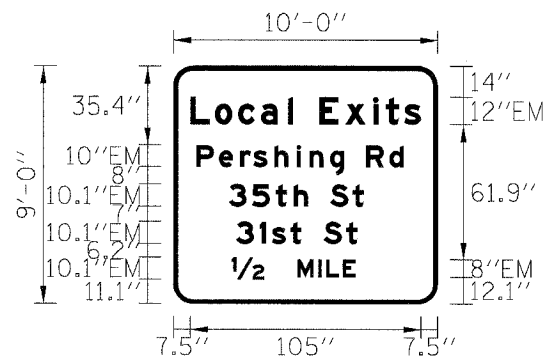
Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE	
4	3	r	d	S	t					71.7	EM12.9	
21.4	34.9	47.7	55.3	63	74.9	87.1						
R	A	M	P	C	L	O	S	E	D	109.6	EM10	
5.2	15.2	27.3	39.1	47	57	67.1	76.5	86.8	97.4	106.8		

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
TEMPORARY SIGN PANEL DETAILS
SCALE: NONE
DATE: 06/09/06
DRAWN BY: RV
CHECKED BY: AS

SIGN DETAIL
1:100



SIGN NUMBER	name
WIDTH x HGHT.	10'-0" x 9'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

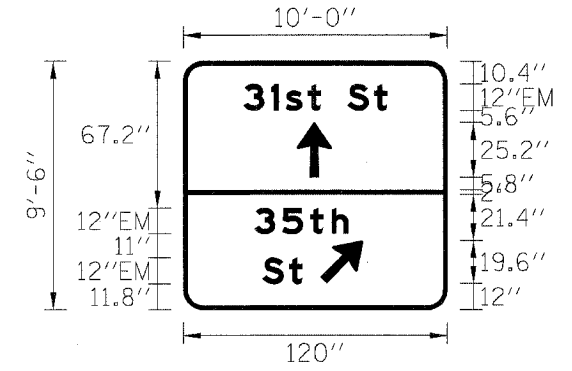
Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches,tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE			
L	o	c	a	i	E	x	i	t	s							EM129
7.5	18.8	29.3	39.7	51.9	54.2	66.2	78	90.7	96.4	104.9						105
P	e	r	s	h	i	n	g	R	d							EM107.5
10.2	20.6	30.2	36.3	45.7	55.9	61.7	71.1	77.5	87.5	98.1						94.3
3	5	t	h	S	t											EM10.17.6
25	35.7	46.4	54.6	61.1	71.2	81.4	86.4									62.1
3	1	s	t	S	t											EM10.17.6
28.4	39.1	44.7	53.1	58.1	68.2	78.4	83.5									55.8
12	M	I	L	E												EM10.1.EM8
26.4	56.2	65.6	69.3	76.8												56.2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	122
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*1818, ETC., 2324.6-1P/R-10			

SIGN DETAIL
1:100



SIGN NUMBER	name
WIDTH x HGHT.	10'-0" x 9'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

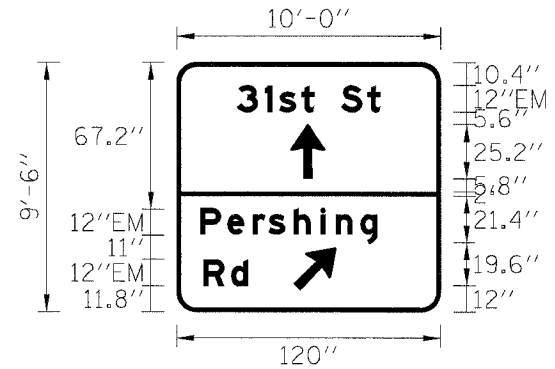
SYMBOL	X	Y	WID	HT
ARMED	51.6	60.7	16	25.2
ARMED	62.1	12	16	25.2

Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches,tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE			
3	1	s	t	S	t											EM129
27.3	39.9	46.6	56.6	62.6	74.6	86.7										65.4
3	5	t	h													EM129
32.2	44.9	57.6	67.4													42.8
S	t															EM129
35.9	48															18.1

SIGN DETAIL
1:100



SIGN NUMBER	name
WIDTH x HGHT.	10'-0" x 9'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

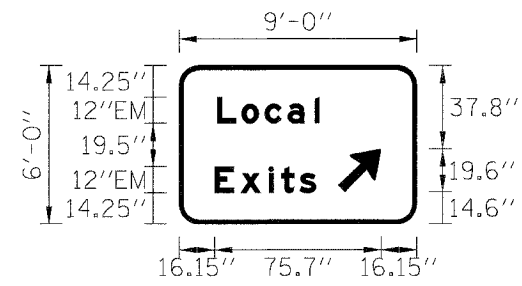
SYMBOL	X	Y	WID	HT
ARMED	51.6	60.7	16	25.2
ARMED	53	9.9	16	25.2

Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches,tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE			
3	1	s	t	S	t											EM129
27.3	39.9	46.6	56.6	62.6	74.6	86.7										65.4
P	e	r	s	h	i	n	g									EM129
10.5	23	34.4	41.8	53.1	65.3	72.2	83.6	91.3								81.6
R	d															EM129
12	24.7															20.4

SIGN DETAIL
1:100



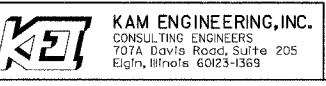
SIGN NUMBER	name
WIDTH x HGHT.	9'-0" x 6'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	GM
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT
ARMED	72.3	14.6	16	25.2

Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches,tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE			
L	o	c	a	i												EM129
17.1	28.4	38.9	49.3	61.6												46.7
E	x	i	t	s												EM129
16.1	27.9	40.6	46.3	54.8												46.3



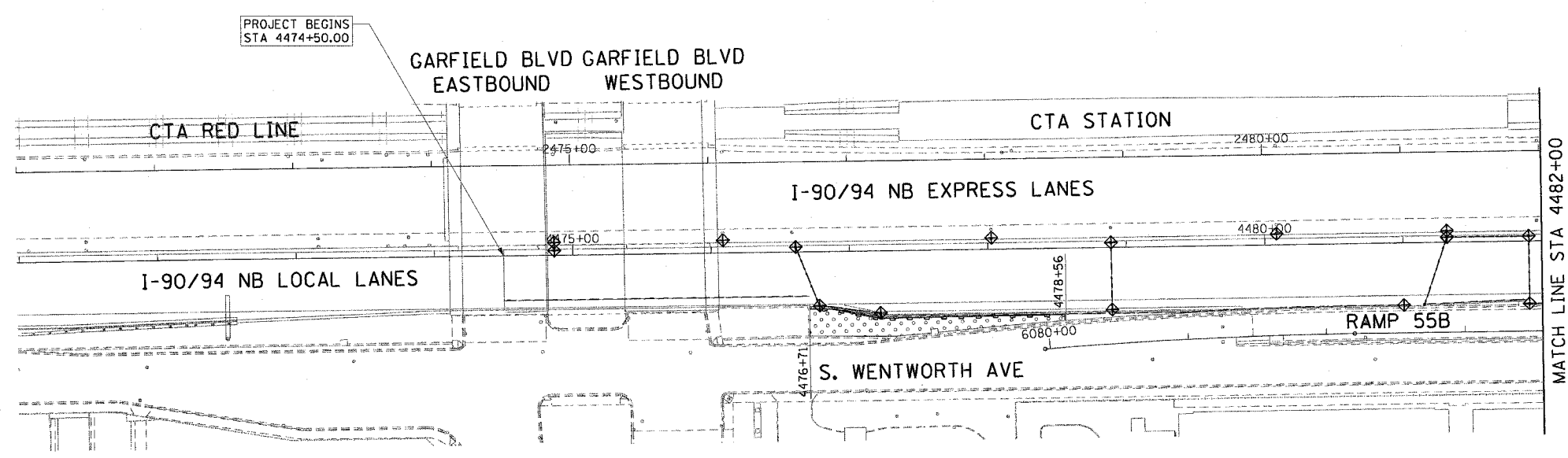
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
TEMPORARY SIGN PANEL DETAILS
SCALE: NONE
DATE: 06/09/06
DRAWN BY: RV
CHECKED BY: AS

F.A.I. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	123
STA. 4474+50.00		TO STA. 4482+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				

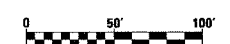
EROSION CONTROL NOTES:

1. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES, WHICH MAY POTENTIALLY CREATE CONDITIONS THAT ARE LIKELY TO ERODE.
2. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOB SITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
3. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
4. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
5. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATES SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
6. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
7. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL THAT THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL, AND THE REPAIR OR REPLACEMENT OF THE EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
8. SEDIMENT CONTROL, SILT FENCE SHALL BE PLACED A DISTANCE OF 3 FEET BEHIND THE BACK OF CURB, BACK OF BARRIER, OR BEHIND THE MEDIAN SURFACE.
9. THE QUANTITY OF SEDIMENT CONTROL, SILT FENCE MAINTENANCE WAS DETERMINED BY ASSUMING THAT 25% OF THE SEDIMENT CONTROL, SILT FENCE WILL NEED TO BE MAINTAINED.



LEGEND:

	INLET FILTER
	SEDIMENT CONTROL, SILT FENCE
	TEMPORARY DITCH CHECKS
	TEMPORARY EROSION CONTROL SEEDING

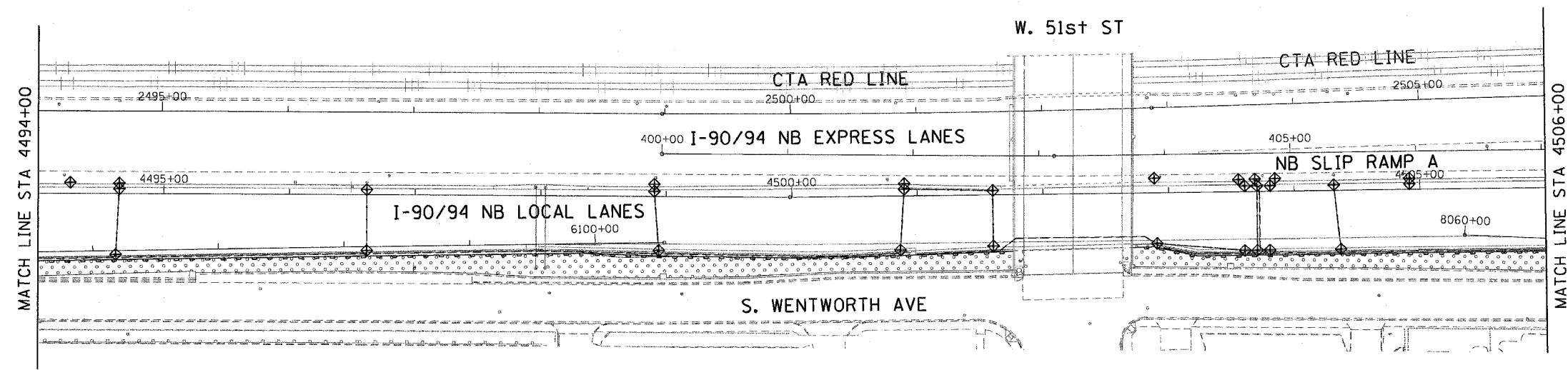
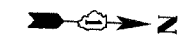
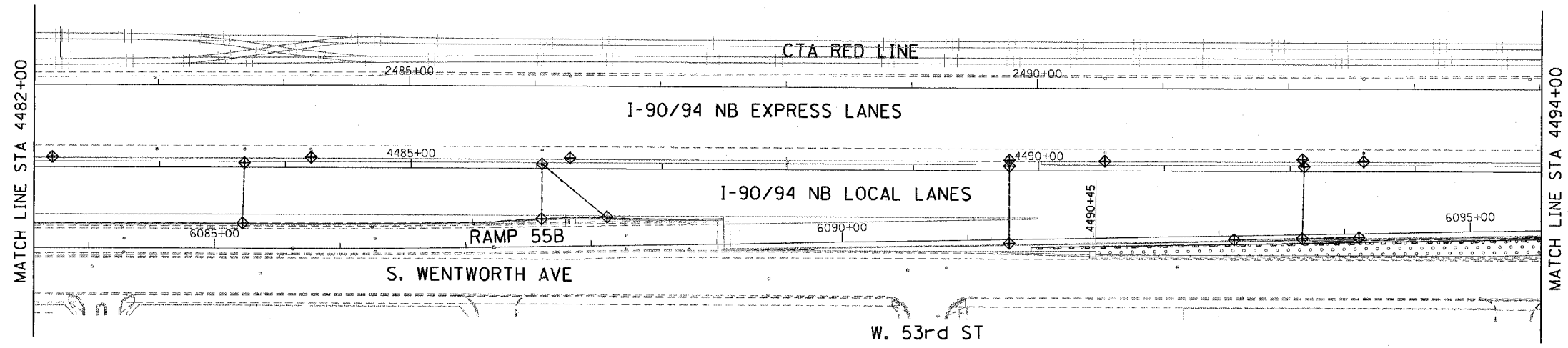
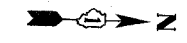


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)	ERO-01	
NAME	DATE			
		EROSION CONTROL PLAN	SCALE: 1"=50' DATE: June 9, 2006	
				DRAWN BY: MDD
				CHECKED BY: MS

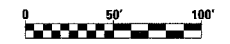
CTE | AECOM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	124
STA. 4482+00		TO STA. 4506+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				



- LEGEND:**
- INLET FILTER
 - SEDIMENT CONTROL, SILT FENCE
 - TEMPORARY DITCH CHECKS
 - TEMPORARY EROSION CONTROL SEEDING



ERO-02

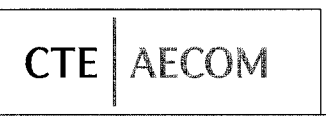
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

EROSION CONTROL PLAN

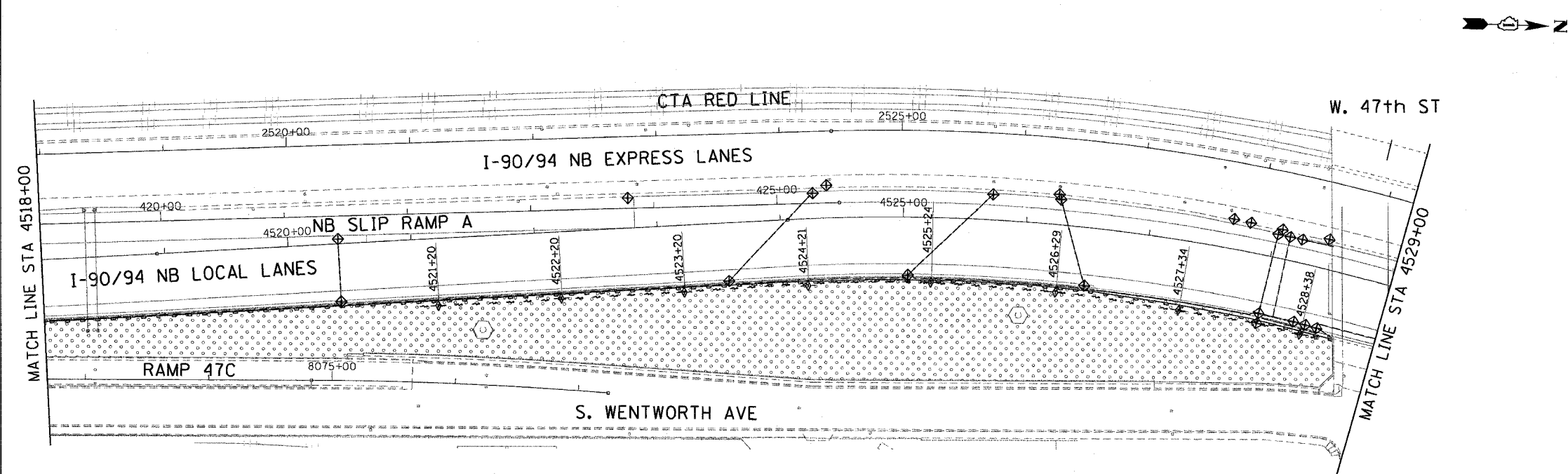
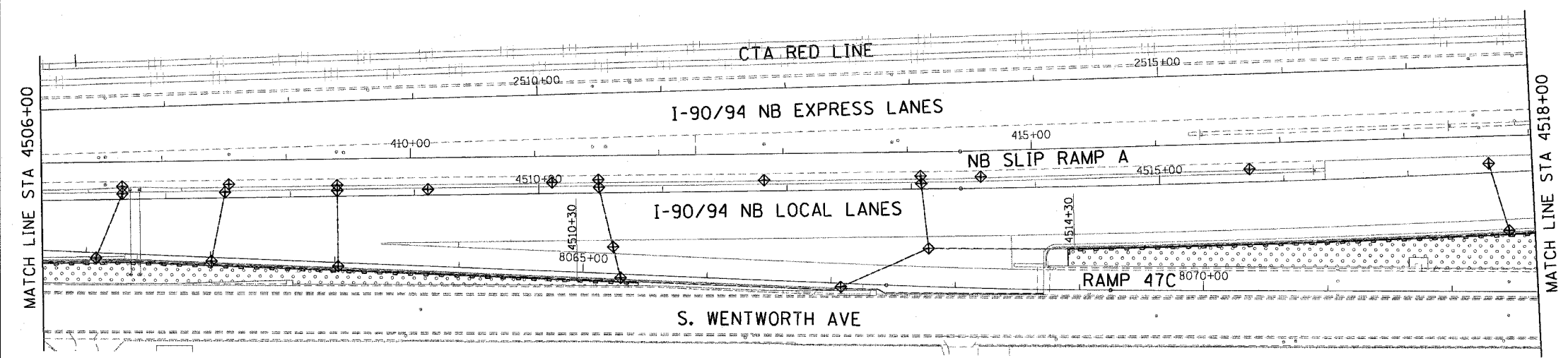
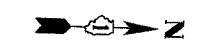
SCALE: 1"=50'
 DATE: June 9, 2006

DRAWN BY: MDD
 CHECKED BY: MS



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	125
STA. 4506+00		TO STA. 4529+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		

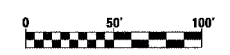


LEGEND:

- INLET FILTER
- SEDIMENT CONTROL, SILT FENCE
- TEMPORARY DITCH CHECKS
- TEMPORARY EROSION CONTROL SEEDING

TEMPORARY DITCH CHECK LOCATIONS

PT.	STATION	OFFSET	PT.	STATION	OFFSET
D1	4521+19.67	53.46' RT	D5	4525+23.95	52.44' RT
D2	4522+19.67	53.83' RT	D6	4526+28.95	54.72' RT
D3	4523+19.67	54.22' RT	D7	4527+33.54	55.40' RT
D4	4524+20.75	54.13' RT	D8	4527+33.54	55.40' RT



ERO-03

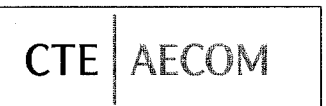
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

EROSION CONTROL PLAN

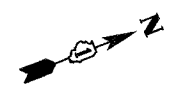
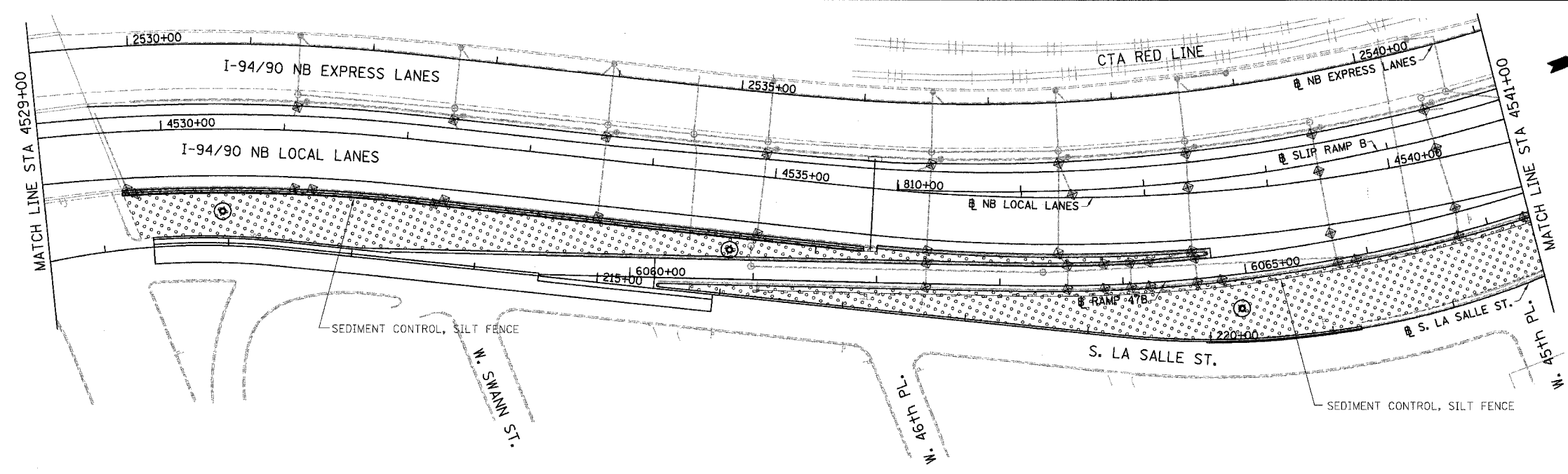
SCALE: 1"=50'
 DATE: June 9, 2006

DRAWN BY: MDD
 CHECKED BY: MS

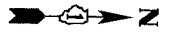
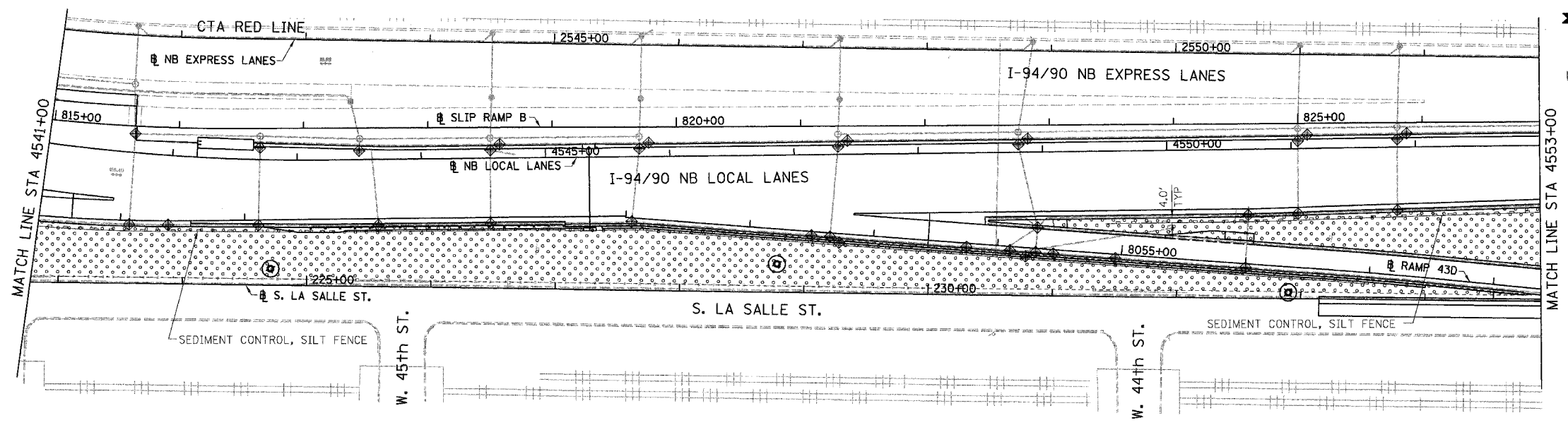


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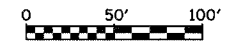
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	126
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	(2021-922 PT2 ETC 2324.6-1P) R-10			



R:\62301\94\90\WB\SHEETS\6601\62301_126.dwg



- LEGEND:
- INLET FILTER
 - SEDIMENT CONTROL, SILT FENCE
 - TEMPORARY DITCH CHECKS
 - TEMPORARY EROSION CONTROL SEEDING



ERO-04

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

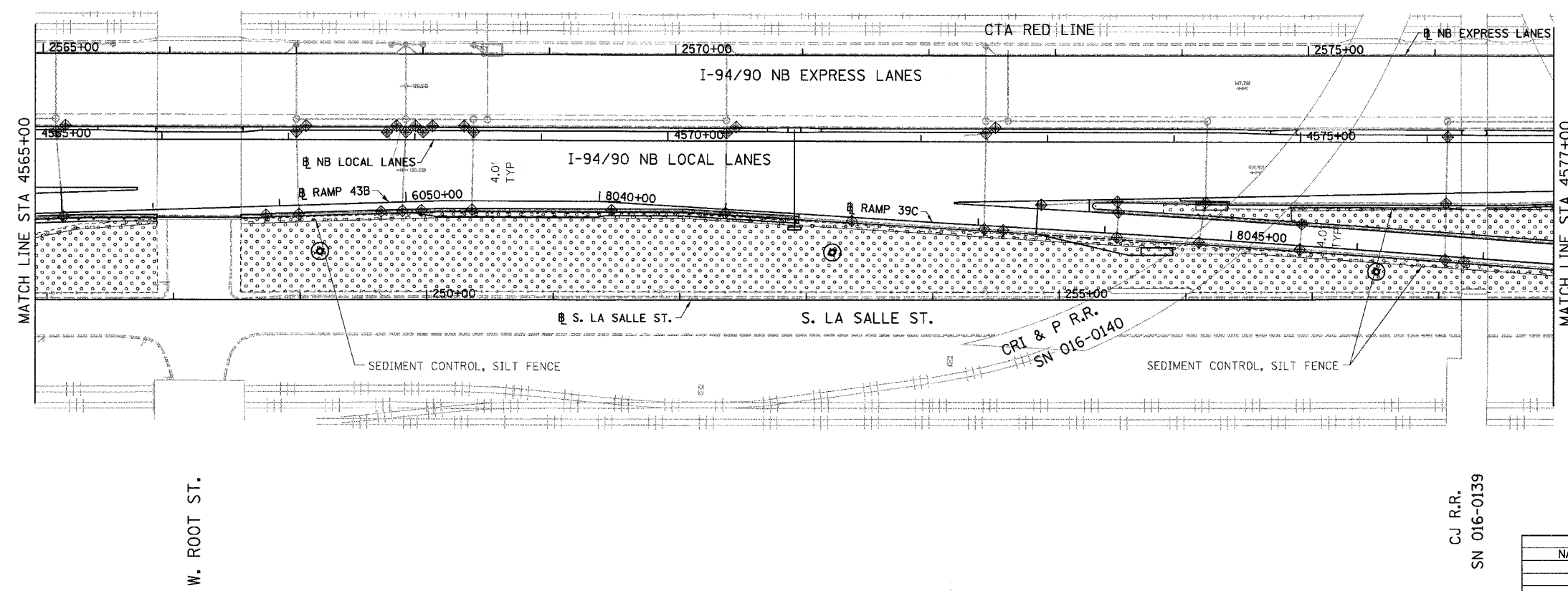
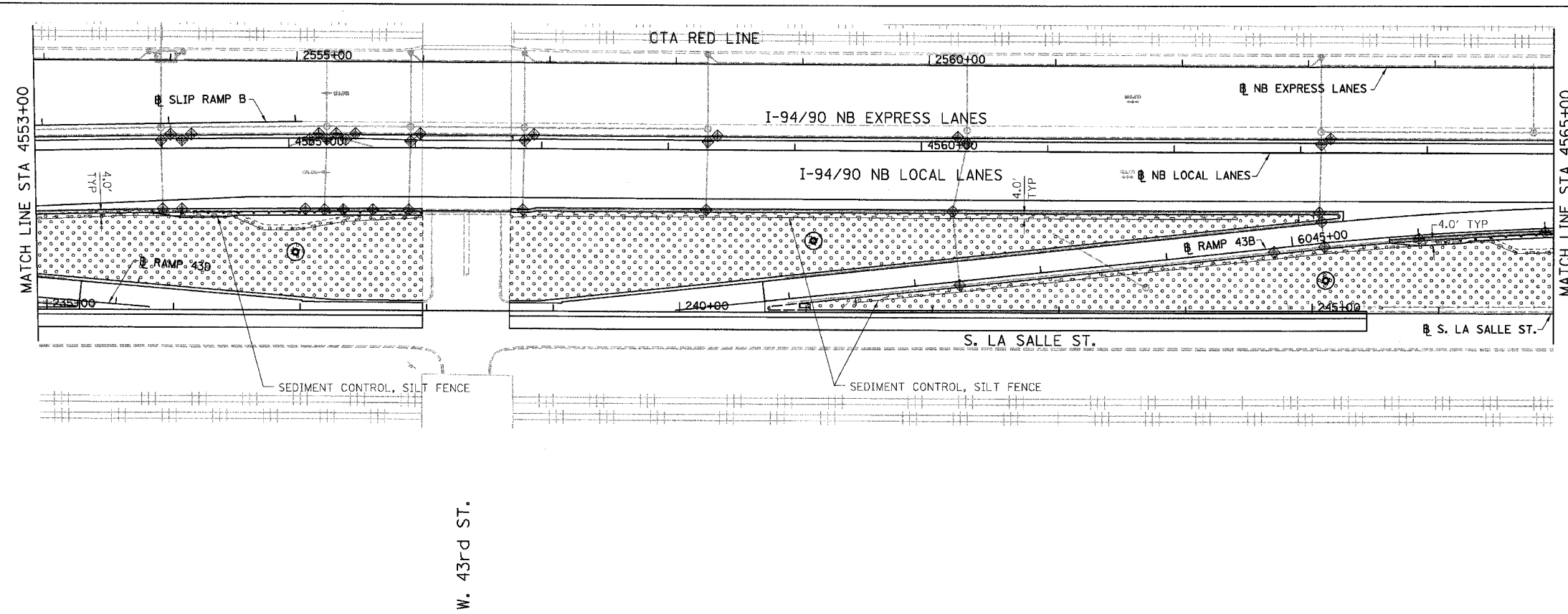
EROSION CONTROL PLAN

SCALE: 1"=50'
 DATE: 06/09/06
 DRAWN BY: RR
 CHECKED BY: RS

12.3.06 PM 6/17/2006

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbandinc.com

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	127
STA.		TO STA.		
62301		* (2021-922 PT2 ETC 2324.6-1P) R-10		



- LEGEND:
- INLET FILTER
 - SEDIMENT CONTROL, SILT FENCE
 - TEMPORARY DITCH CHECKS
 - TEMPORARY EROSION CONTROL SEEDING

BOWMAN, BARRETT & ASSOCIATES INC
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

W. ROOT ST.

W. 43rd ST.

CJ R.R.
SN 016-0139

REVISIONS	
NAME	DATE

0 50' 100'

ER0-05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

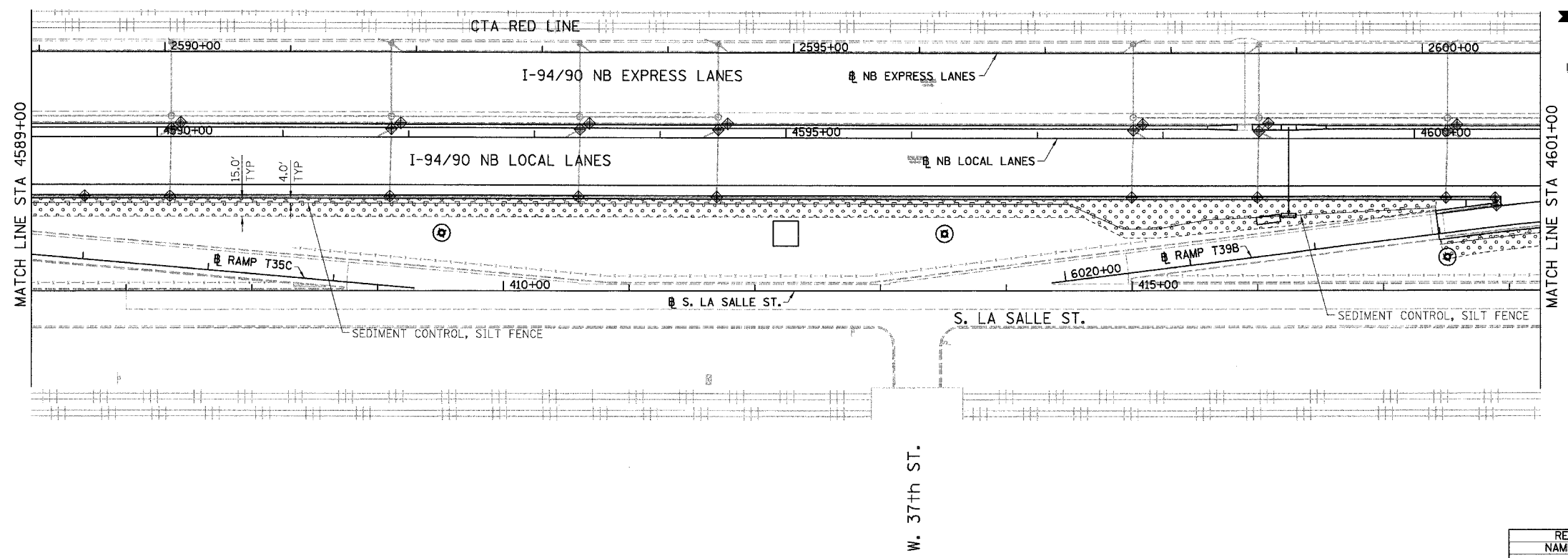
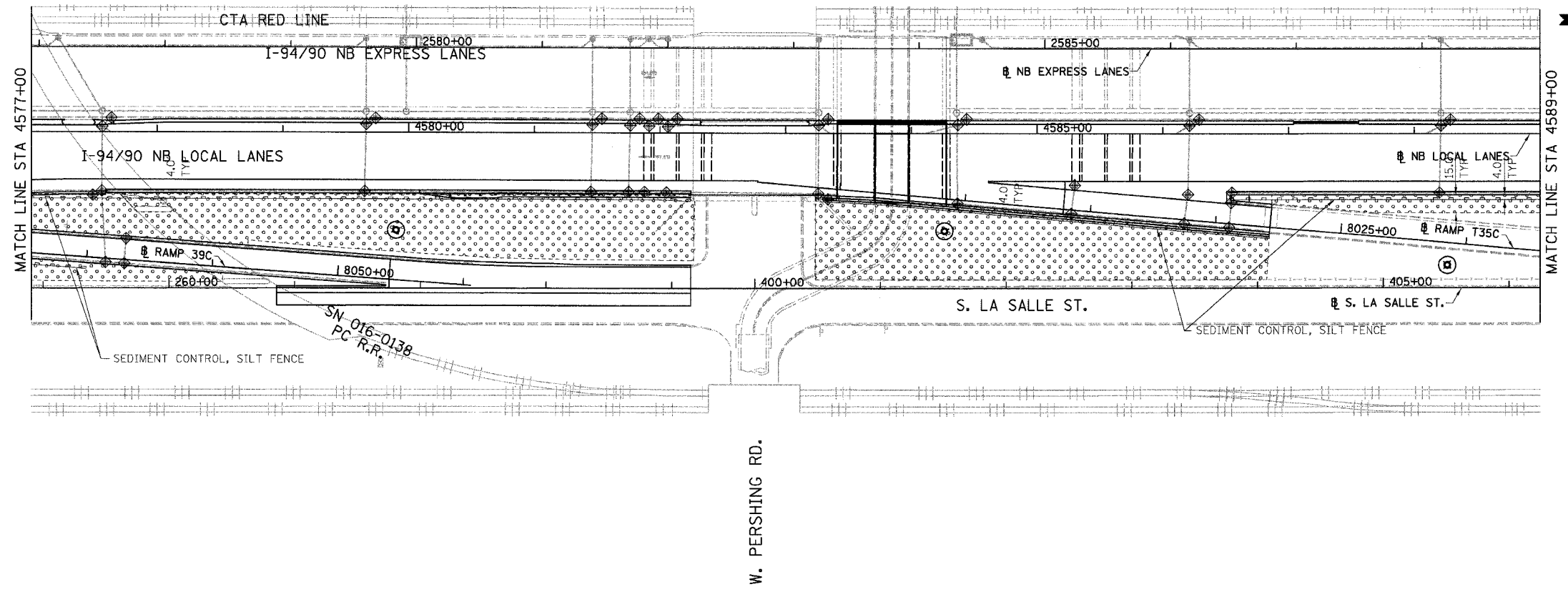
EROSION CONTROL PLAN

SCALE: 1"=50'
DATE: 06/09/06

DRAWN BY: RR
CHECKED BY: RS

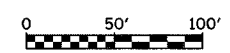
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	565	128
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301 * (2021-922 PT2 ETC 2324.6-1P) R-10				



LEGEND:

	INLET FILTER
	SEDIMENT CONTROL, SILT FENCE
	TEMPORARY DITCH CHECKS
	TEMPORARY EROSION CONTROL SEEDING



REVISIONS	
NAME	DATE

ERO-06

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

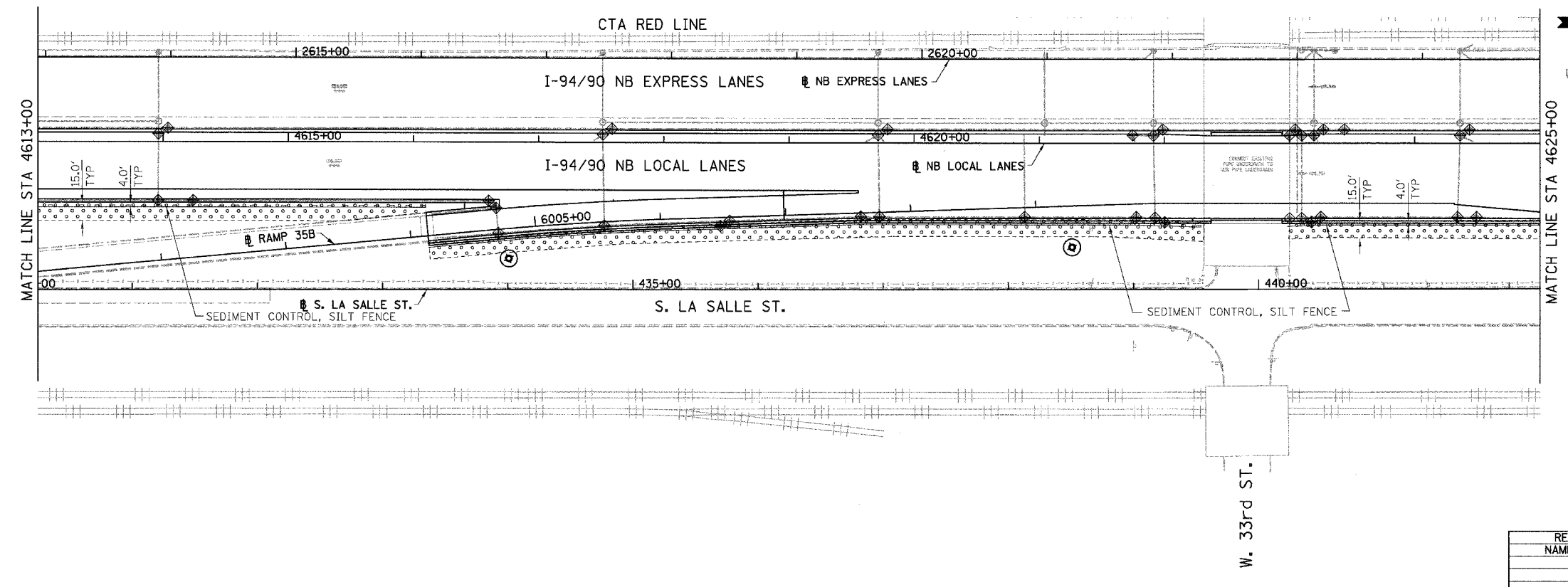
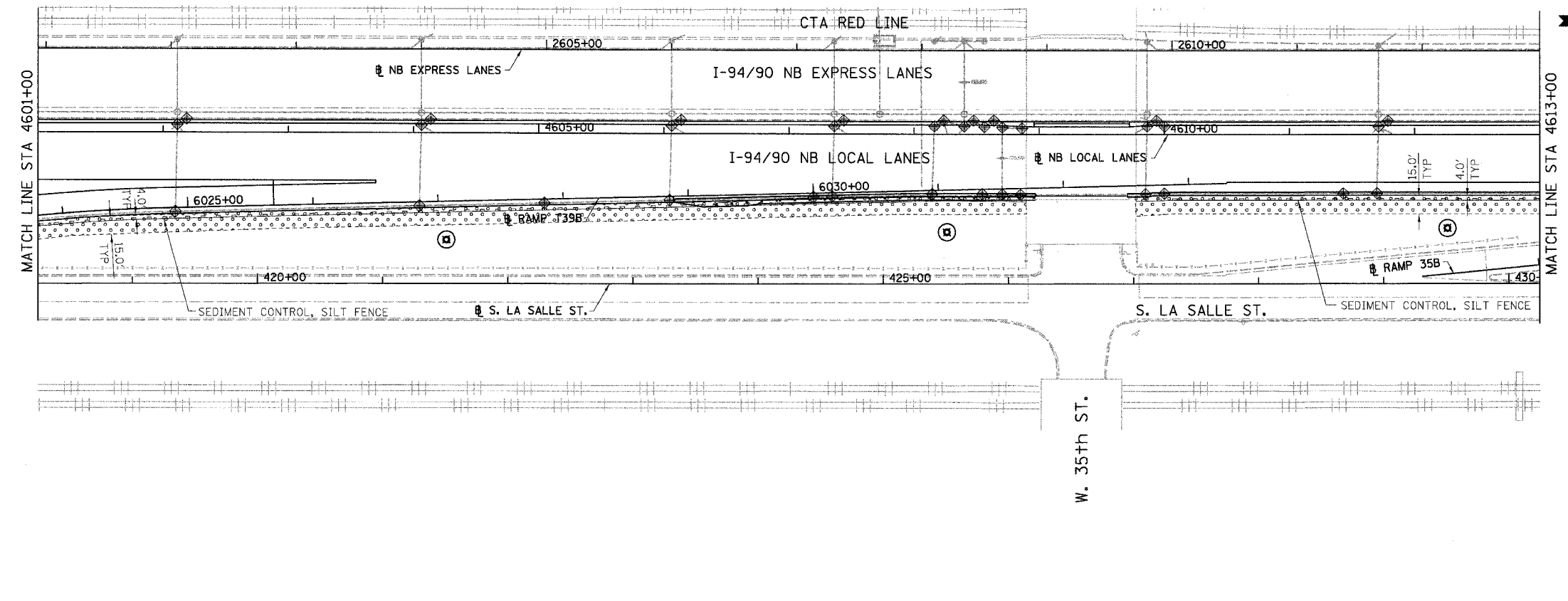
EROSION CONTROL PLAN

SCALE: 1"=50' DRAWN BY: RR
 DATE: 06/09/06 CHECKED BY: RS

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.obandainc.com

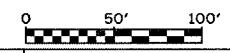
12-33560 PW 6/7/2006

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	129
STA. TO STA.		ILLINOIS FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		



LEGEND:

	INLET FILTER
	SEDIMENT CONTROL, SILT FENCE
	TEMPORARY DITCH CHECKS
	TEMPORARY EROSION CONTROL SEEDING



REVISIONS	
NAME	DATE

ERO-07

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

EROSION CONTROL PLAN

SCALE: 1"=50'

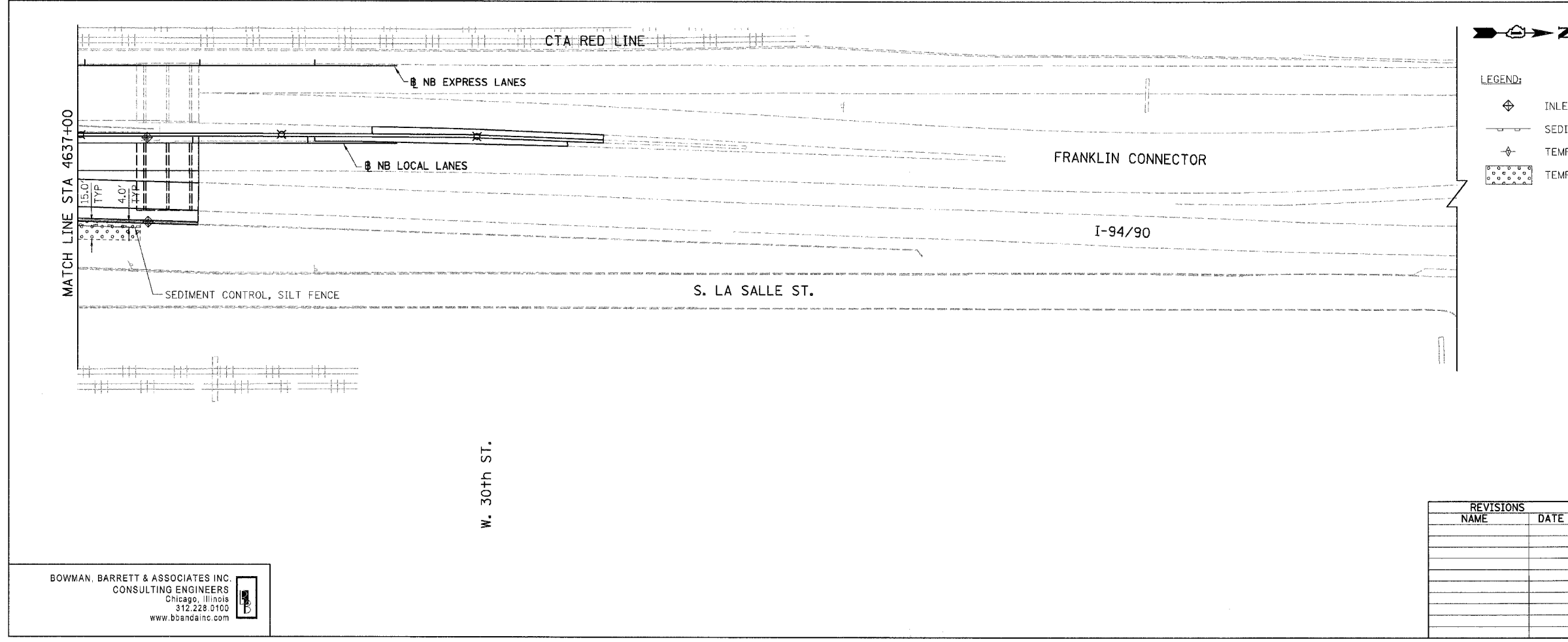
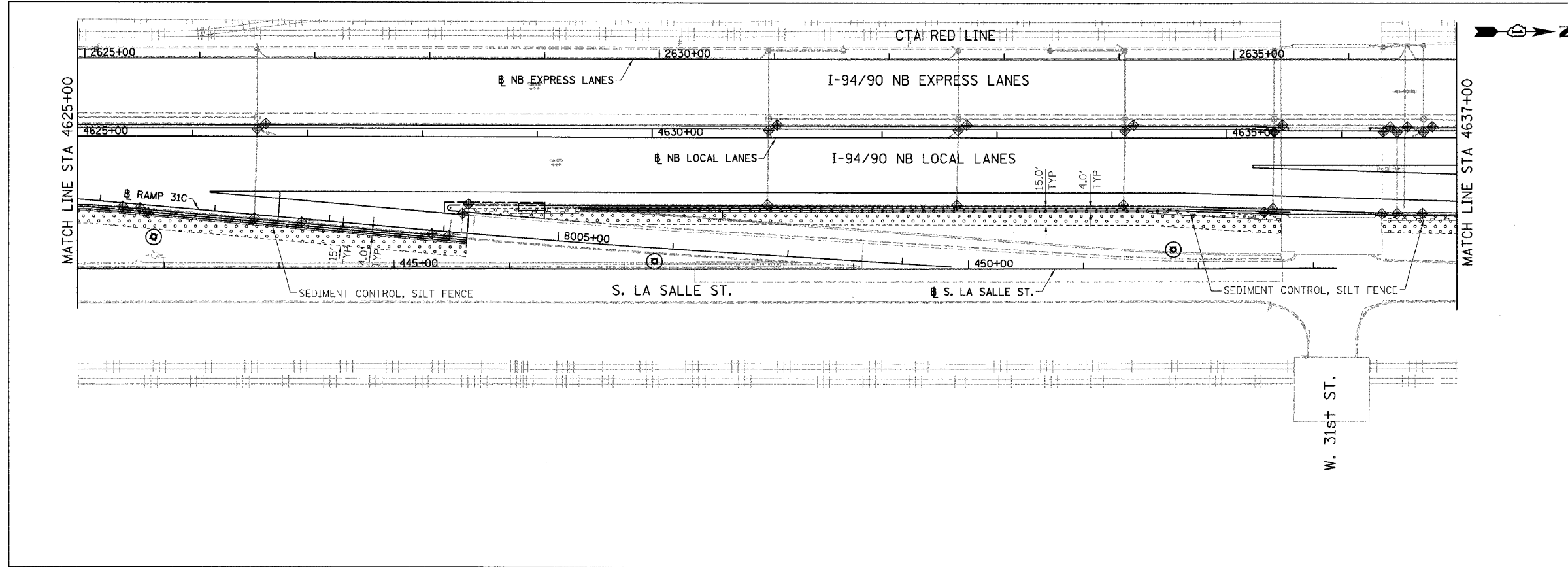
DATE: 06/09/06

DRAWN BY: RR

CHECKED BY: RS

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 CONSULTING ENGINEERS
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	130
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		



- LEGEND:
- INLET FILTER
 - SEDIMENT CONTROL, SILT FENCE
 - TEMPORARY DITCH CHECKS
 - TEMPORARY EROSION CONTROL SEEDING

REVISIONS	
NAME	DATE

0 50' 100'

ERO-08

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

EROSION CONTROL PLAN

SCALE: 1"=50' DRAWN BY: RR
DATE: 06/09/06 CHECKED BY: RS

BOWMAN, BARRETT & ASSOCIATES INC.
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W 94/90 NB LOCAL LANE SHEETS 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575

6/7/2006 12:34:47 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	131
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	(2021-922 PT2 ETC	2324.6-IPR-10		

DRAINAGE & UTILITIES NOTES:

- THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR MUST CONDUCT HIS OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH, AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY IMPACT THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE MUST BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION MUST BE IMMEDIATELY REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROTECTION OF ANY AND ALL SURFACE AND UNDERGROUND UTILITIES, EVEN THOUGH THEY MAY NOT BE IDENTIFIED ON THE PLANS.
- THE CONTRACTOR MUST COORDINATE CONSTRUCTION ACTIVITIES WITH THE RESPECTIVE UTILITIES OF THE CITY OF CHICAGO. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL THE CHICAGO UTILITY ALERT NETWORK (C.U.A.N.) AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, CABLE, AND GAS FACILITIES (48 HOURS NOTIFICATION IS REQUIRED). THE CONTRACTOR MUST CONTACT THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT, PERMIT SECTION AT (312) 747-7893 FOR WATER AND CITY SEWER LOCATIONS.
- THE CONTRACTOR MUST MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR MUST PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, INLETS, AND CATCH BASINS. THE CONTRACTOR MUST PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR MUST PROVIDE AND MAINTAIN A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE, INCLUDING PAVEMENT. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT MUST BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- WHEN, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN DRAINAGE STRUCTURES AND THE FLOW OF WATER IS OBSTRUCTED, IT MUST BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES (NEW AND EXISTING) MUST BE FREE OF ALL DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT MUST BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- THE CONTRACTOR MUST PROTECT THE EXISTING MAIN DRAIN DROP MANHOLES FROM THE ENTRY OF ANY LOOSE MATERIAL AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT MUST BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- THE CONTRACTOR MUST PROTECT NEW DRAINAGE STRUCTURES FROM THE ENTRY OF ERODED SOILS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT MUST BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED UNDER PREVIOUS CONTRACTS IS BASED ON CONTRACT PLAN DRAWINGS AVAILABLE DURING DESIGN. THE CONTRACTOR MUST FIELD VERIFY LIMITS, LOCATIONS, AND ELEVATIONS OF PREVIOUS CONSTRUCTION.
- STORM SEWER PLUGS MUST BE INCLUDED IN THE COST OF THE ASSOCIATED PIPE REMOVAL ITEMS AND WILL NOT BE PAID SEPARATELY.
- 'PIPE UNDERDRAINS 6" (SPECIAL) WILL BE USED TO CONNECT TO DRAINAGE STRUCTURES. CONNECTION ELEVATIONS MUST BE DETERMINED BY THE CONTRACTOR BASED ON A MINIMUM LATERAL CONNECTING SLOPE OF 1%.
- THE CONTRACTOR MUST ENSURE POSITIVE DRAINAGE TO ALL INLETS, CATCHBASINS, AND OPEN MANHOLES.
- GRATES MUST BE INSTALLED WITH THE VANES ORIENTED AS DIRECTED BY THE RESIDENT ENGINEER.
- ALL TEMPORARY OR PERMANENT CONNECTIONS OF SEWERS AND UNDERDRAINS TO PROPOSED AND EXISTING DRAINAGE STRUCTURES, INCLUDING ANY NEW HOLES REQUIRED IN THE DRAINAGE STRUCTURE, MUST BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED STORM SEWER OR PIPE UNDERDRAIN ITEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- STATION AND OFFSET VALUES GIVEN FOR EXISTING STRUCTURES REPRESENT THE APPROXIMATE CENTER OF THE EXISTING CASTING.
- DRAINAGE REMOVALS IN THE VICINITY OF THE CTA ARE SHOWN BASED ON RECORD DRAWINGS AND SURVEY WHERE AVAILABLE. ALL EXISTING ACTIVE DRAINAGE CONNECTIONS FROM THE CTA MUST BE MAINTAINED. ALL ACTIVE DRAINAGE CONNECTIONS FROM THE CTA DISCOVERED DURING CONSTRUCTION MUST BE MAINTAINED AS DIRECTED BY THE ENGINEER. MAINTENANCE OF ANY ACTIVE DRAINAGE CONNECTIONS FROM THE CTA THAT ARE DISCOVERED DURING CONSTRUCTION WILL NOT BE PAID SEPARATELY, BUT MUST BE INCLUDED IN THE COST OF THE ASSOCIATED DRAINAGE REMOVAL ITEMS.
- STATION AND OFFSET VALUES GIVEN FOR PROPOSED DRAINAGE STRUCTURES REPRESENT THE CENTER OF THE CASTING.
- EXISTING LATERAL SEWERS WITHIN THE DAN RYAN PROJECT LIMITS (FRONTAGE ROAD AND MAINLINE) THAT ARE TO REMAIN IN PLACE, MUST BE CLEANED OF SILT OR ANY OTHER DEBRIS AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AS 'CLEANING STORM SEWERS'.

- ALL PROPOSED LATERAL STORM SEWERS MUST BE INSTALLED AT A MINIMUM SLOPE OF 1% UNLESS OTHERWISE INDICATED. CONNECTIONS TO EXISTING SEWERS OR STRUCTURES MUST BE INCLUDED WITH THE ASSOCIATED STORM SEWER PAY ITEM. FRONTAGE ROAD STORM SEWER LATERALS WILL VARY BASED ON EXISTING SEWER INVERTS AND UTILITY CONFLICTS.
- ALL SEWERS TO BE ABANDONNED MUST BE FILLED WITH GROUT SLURRY AND PLUGGED AT THE UPSTREAM END.
- TOP OF FRAME ELEVATIONS ON DRAINAGE STRUCTURES MUST BE MODIFIED TO MEET FINISHED SHOULDER AND CURB AND GUTTER FLOWLINE ELEVATIONS AS DIRECTED BY THE ENGINEER.
- FOR CLARITY, PIPE UNDERDRAINS IN THE PLAN VIEW ARE NOT NECESSARILY DRAWN IN THEIR EXACT INSTALLATION LOCATIONS. SEE TYPICAL SECTIONS AND DRAINAGE DETAILS FOR EXACT LOCATIONS OF PIPE UNDERDRAINS.
- FOR IDOT ITEMS, THE CONTRACTOR MUST USE FLAT SLAB TOPS IN LIEU OF CONICALLY TAPERED TOPS FOR MANHOLES AND CATCHBASINS WHEREVER NECESSARY TO AVOID CONFLICTS WITH EXISTING UTILITIES. FLAT SLAB TOPS WILL NOT BE MEASURED FOR PAYMENT, BUT MUST BE INCLUDED IN THE UNIT COST OF THE ASSOCIATED DRAINAGE STRUCTURES.
- IF FIELD CONDITIONS REQUIRE COMED ASSISTANCE (MANHOLE FRAME/COVER ADJUSTMENTS), CONTACT COMED PROJECT ENGINEER, DON RIES, 773-838-2905, SIX WEEKS PRIOR TO START OF WORK IN THE RELATED AREA.
- IF FIELD CONDITIONS REQUIRE AT&T ASSISTANCE (MANHOLE FRAME/COVER ADJUSTMENTS), CONTACT AT&T, STAN PLODZHEN, 708-396-7608. 48 HOURS NOTIFICATION REQUIRED.

DRAINAGE & UTILITIES LEGEND:

	EXISTING	PROPOSED
STORM SEWER		
PIPE UNDERDRAIN		
WATER MAIN		
GAS MAIN		
SANITARY SEWER		
CABLE TELEVISION		
FIBER OPTIC		
TELEPHONE		
ELECTRIC		
IDOT ELECTRICAL CONDUIT*		
UTILITY REMOVAL		
ABANDONNED UTILITY		
MAIN DRAIN SEWER		
INLET		
CATCH BASIN		
MANHOLE		
SURFACE DRAINAGE STRUCTURE (SEE SCHEDULE FOR TYPE)		
PGL CREST POINT		
PGL SAG POINT		
DRAINAGE STRUCTURE NUMBER**		
STRUCTURE TO BE CLEANED		
STRUCTURE TO BE FILLED		
STRUCTURE TO BE REMOVED		
STRUCTURE TO BE RECONSTRUCTED		
STRUCTURE TO BE ADJUSTED		
FRAMES AND GRATES TO BE ADJUSTED		
STRUCTURE TO BE ADJUSTED, SPECIAL		
HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS		

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- SEE ELECTRICAL INFRASTRUCTURE SHEETS, AND CONTRACTS 62583 AND 62733 FOR ADDITIONAL INFORMATION
- DRAINAGE STRUCTURE NUMBERING CONVENTION:
'CC' = DAN RYAN CONTRACT NUMBER (EX. STR. ONLY)
(14 = IDOT CONTRACT 62300)
(15 = IDOT CONTRACT 62302)
'SS' = SHEET NUMBER IN DRAINAGE & UTILITY SEQUENCE
'XX' = STRUCTURE NUMBER ON SHEET

REVISIONS	
NAME	DATE
REVISED	6/21/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE SCHEDULES
DRAINAGE NOTES & LEGEND
SCALE: 1"=N.T.S
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

EXISTING UTILITY PIPES

SHEET NUMBER	FROM		TO		STORM SEWER REMOVAL 8" (FT)	STORM SEWER REMOVAL 10" (FT)	STORM SEWER REMOVAL 12" (FT)	STORM SEWER REMOVAL 15" (FT)	STORM SEWER REMOVAL 18" (FT)	STORM SEWER REMOVAL 24" (FT)	PIPE UNDERDRAIN REMOVAL (FT)	PIPE UNDERDRAIN REMOVAL (SPECIAL) (FT)	WATERMAIN REMOVAL (FT)	PLUG AND ABANDON EXISTING PIPE (CU YD)	TRENCH BACKFILL (CU YD)
	STATION	OFFSET	STATION	OFFSET											
DU-17	4476+54	1' LT	4476+62	1' RT			8								2.9
DU-17	4476+63	1' RT	4476+60	7' LT			8								2.9
DU-17	4476+63	2' RT	4476+63	27' RT			25								9.2
DU-17	4476+64	28' RT	4476+76	37' RT			16								5.9
DU-17	4478+89	5' LT	4479+90	1' RT			6								
DU-17	4478+91	1' RT	4478+98	1' LT		8									2.7
DU-17	4478+90	2' RT	4478+89	27' RT			26								
DU-17	4478+89	30' RT	4478+89	39' RT			9								
DU-17	4478+89	39' RT	4478+89	45' RT							6				
DU-18	4481+23	1' LT	4481+30	1' RT		8									2.7
DU-18	4481+32	7' LT	4481+32	0'		8									2.7
DU-18	4481+31	2' RT	4481+37	27' RT		26									8.9
DU-18	4481+37	28' RT	4481+35	38' RT		10									3.4
DU-18	4482+98	13' LT	4482+97	5' LT										0.2	
DU-18	4482+97	5' LT	4482+94	38' RT		43									14.7
DU-18	4483+58	1' LT	4486+65	1' RT		8									2.7
DU-18	4483+67	7' LT	4483+66	1' RT		8									
DU-18	4483+66	2' RT	4483+66	26' RT		25									
DU-18	4483+66	28' RT	4483+66	37' RT		8									
DU-18	4483+66	39' RT	4486+33	45' RT							6				
DU-19	4486+04	5' LT	4486+03	1' RT			7								2.6
DU-19	4486+12	1' LT	4486+01	1' RT		8									
DU-19	4486+03	1' RT	4486+02	39' RT			38								10.3
DU-19	4486+03	40' RT	4486+55	39' RT			53								19.5
DU-19	4487+56	50' RT	4489+00	50' RT							144				
DU-19	4488+84	7' LT	4488+84	65' RT									73		
DU-20	4489+73	1' LT	4489+80	1' RT		8									2.7
DU-20	4489+78	7' LT	4489+81	1' RT		9									3.1
DU-20	4489+81	2' RT	4489+82	39' RT		37									12.7
DU-20	4489+82	40' RT	4489+82	50' RT		11									3.8
DU-20	4489+00	50' RT	4492+13	40' RT							313				
DU-20	4491+56	55' RT	4492+12	40' RT							59				
DU-20	4492+14	40' RT	4492+55	53' RT							43				
DU-20	4492+10	7' LT	4492+12	1' RT			9								
DU-20	4492+13	1' RT	4492+21	1' LT		8									2.7
DU-20	4492+12	2' RT	4492+13	39' RT			37								13.6
DU-20	4492+13	40' RT	4493+75	30' RT							162				
DU-20	4493+02	67' RT	4493+12	58' RT							14				
DU-21	4493+75	30' RT	4494+22	27' RT							47				
DU-21	4494+21	14' LT	4494+21	8' LT										0.1	
DU-21	4494+21	8' LT	4494+22	27' RT		35									12.0
DU-21	4494+22	28' RT	4494+23	36' RT		8									2.7
DU-21	4494+26	8' LT	4494+32	6' LT										0.2	
DU-21	4494+32	6' LT	4494+46	1' RT			16								5.9
DU-21	4494+48	1' RT	4494+56	1' LT		8									2.7
DU-21	4494+47	2' RT	4494+62	32' RT			34								12.5
DU-21	4494+63	34' RT	4494+64	36' RT		2									0.7
DU-21	4494+64	38' RT	4494+62	49' RT							11				
DU-21	4496+05	9' LT	4496+04	6' LT										0.1	
DU-21	4496+04	6' LT	4496+06	36' RT		42									14.4
DU-21	4496+62	8' LT	4496+63	1' RT		8									2.7
DU-21	4496+64	1' RT	4496+71	1' LT		8									2.7
DU-21	4496+63	2' RT	4496+64	27' RT		25									8.6
DU-21	4496+64	28' RT	4496+64	38' RT		10									3.4
DU-22	4498+91	7' LT	4498+93	1' RT			8								
DU-22	4498+94	1' RT	4499+01	0' LT		8									2.7
DU-22	4498+93	3' RT	4498+94	27' RT			25								
DU-22	4498+94	30' RT	4498+95	37' RT			9								
DU-22	4498+95	39' RT	4498+94	44' RT							5				3.3
DU-22	4500+89	7' LT	4500+88	1' LT			9								
DU-22	4500+89	1' RT	4500+96	1' LT		8									2.7
DU-22	4500+88	2' RT	4500+87	27' RT			25								
DU-22	4500+87	27' RT	4500+87	37' RT			9								
DU-22	4500+86	39' RT	4500+86	43' RT							5				
DU-22	4501+68	4' LT	4501+68	44' RT									48		
DU-22	4502+72	44' RT	4502+90	29' RT							24				
DU-22	4502+72	39' RT	4503+25	39' RT							53				
DU-22	4502+91	39' RT	4502+90	29' RT		10									3.4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	132
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		

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CONTINUED ON NEXT SHEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

**DRAINAGE SCHEDULES
 EXISTING UTILITY PIPES**

SCALE: NONE
 DATE: June 9, 2006

DRAWN BY: NJH
 CHECKED BY: RMC

DS-01



4-40-06 PM 6/8/2006

EXISTING UTILITY PIPES

SHEET NUMBER	FROM		TO		STORM SEWER REMOVAL 8" (FT)	STORM SEWER REMOVAL 10" (FT)	STORM SEWER REMOVAL 12" (FT)	STORM SEWER REMOVAL 15" (FT)	STORM SEWER REMOVAL 18" (FT)	STORM SEWER REMOVAL 24" (FT)	PIPE UNDERDRAIN REMOVAL (FT)	PIPE UNDERDRAIN REMOVAL (SPECIAL) (FT)	WATERMAIN REMOVAL (FT)	PLUG AND ABANDON EXISTING PIPE (CU YD)	TRENCH BACKFILL (CU YD)
	STATION	OFFSET	STATION	OFFSET											
DU-22	4502+90	28' RT	4502+86	2' RT		27									9.2
DU-22	4502+86	1' RT	4502+97	4' LT		12									4.1
DU-22	4502+86	2' RT	4502+88	6' LT			8								2.9
DU-22	4502+88	6' LT	4502+89	12' LT										0.1	
DU-23	4503+25	39' RT	4503+70	40' RT							45				
DU-23	4503+70	40' RT	4505+48	43' RT							178				
DU-23	4503+70	39' RT	4503+77	29' RT			12								3.3
DU-23	4503+70	40' RT	4503+74	3' RT			37								7.7
DU-23	4503+73	1' RT	4503+71	4' LT			8								2.9
DU-23	4504+36	40' RT	4504+35	30' RT			10								
DU-23	4504+35	29' RT	4504+34	5' RT			26								
DU-23	4504+34	4' RT	4504+32	4' LT			8								
DU-23	4504+35	29' RT	4504+50	55' RT							30				
DU-23	4506+55	32' RT	4507+38	31' RT							83				
DU-23	4507+36	51' RT	4507+36	48' RT							3				
DU-23	4507+36	48' RT	4507+38	31' RT		17									2.4
DU-23	4507+38	31' RT	4507+43	6' RT		25									8.6
DU-23	4507+42	5' RT	4507+34	3' LT		11									3.8
DU-23	4507+43	5' RT	4507+47	4' LT			10								2.2
DU-23	4507+38	31' RT	4508+00	31' RT							62				
DU-24	4508+00	31' RT	4509+37	42' RT							140				
DU-24	4509+40	58' RT	4509+38	43' RT		15									5.1
DU-24	4509+38	42' RT	4509+11	4' LT			55								20.2
DU-24	4509+15	3' LT	4510+48	0'			133								48.8
DU-24	4510+43	1' RT	4510+39	75' RT			75								27.5
DU-24	4509+38	43' RT	4512+75	56' RT							337				
DU-24	4510+65	68' RT	4510+65	67' RT							2				
DU-24	4510+65	66' RT	4510+63	59' RT		7									
DU-24	4510+62	57' RT	4510+52	34' RT		26									6.5
DU-24	4510+52	33' RT	4510+49	1' RT		32									10.9
DU-24	4510+49	1' RT	4510+54	6' RT		7									1.4
DU-24	4510+49	1' LT	4510+48	6' LT			5								1.8
DU-24	4511+82	8' LT	4511+82	3' LT										0.1	
DU-24	4511+82	3' LT	4511+85	53' RT		56									19.2
DU-24	4511+85	53' RT	4511+85	72' RT		19									6.5
DU-25	4513+08	3' LT	4513+13	48' RT				50							
DU-25	4512+75	56' RT	4517+50	45' RT									477		
DU-25	4512+75	70' RT	4517+50	71' RT									477		
DU-26	4517+65	8' LT	4517+74	33' RT				41							5.7
DU-26	4517+74	34' RT	4517+79	43' RT			10								
DU-26	4517+79	45' RT	4517+79	47' RT			2								
DU-26	4517+50	45' RT	4520+39	45' RT							289				
DU-26	4520+41	4' LT	4520+39	45' RT		49									6.5
DU-26	4520+39	44' RT	4520+45	34' RT		12									2.1
DU-26	4520+39	45' RT	4522+25	44' RT							186				
DU-26	4517+74	72' RT	4521+73	85' RT								399			
DU-27	4522+25	44' RT	4522+72	44' RT							47				
DU-27	4522+77	22' LT	4522+75	2' RT										0.7	
DU-27	4522+75	2' RT	4522+72	44' RT					42						18.6
DU-27	4522+72	44' RT	4522+78	34' RT		12									4.1
DU-27	4522+72	44' RT	4525+82	46' RT							304				
DU-27	4524+27	20' LT	4524+24	34' RT		53									18.1
DU-27	4524+24	35' RT	4524+23	44' RT		9									3.1
DU-27	4524+23	46' RT	4524+23	51' RT		5									1.7
DU-27	4525+72	20' LT	4525+82	46' RT			67								24.6
DU-27	4525+73	36' RT	4525+82	46' RT		13									4.4
DU-27	4525+82	46' RT	4527+00	46' RT							114				
DU-28	4527+00	46' RT	4528+18	46' RT							114				
DU-28	4527+24	30' LT	4527+24	20' LT										0.2	
DU-28	4527+24	20' LT	4527+24	35' RT		55									18.8
DU-28	4527+24	36' RT	4527+29	46' RT		11									3.8
DU-28	4528+03	18' LT	4528+18	46' RT				68							27.5
DU-28	4528+13	54' RT	4528+18	46' RT			9								3.3
DU-28	4528+18	46' RT	4528+57	34' RT		40									13.7
DU-28	4528+19	46' RT	4528+66	57' RT							47				

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	565	133
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
62301		• (2021-922 PT2 ETC 2324.6-1PI) R-10		

CONTINUED ON NEXT SHEET



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

**DRAINAGE SCHEDULES
 EXISTING UTILITY PIPES**

SCALE: NONE
 DATE: June 9, 2006

DRAWN BY: NJH
 CHECKED BY: XXX

DS-02
 4:40:07 PM
 6/8/2006

EXISTING UTILITY PIPES

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8" (FT)	STORM SEWER REMOVAL 10" (FT)	STORM SEWER REMOVAL 12" (FT)	STORM SEWER REMOVAL 15" (FT)	STORM SEWER REMOVAL 18" (FT)	STORM SEWER REMOVAL 24" (FT)	PIPE UNDERDRAIN REMOVAL (FT)	PIPE UNDERDRAIN REMOVAL SPECIAL (FT)	WATERMAIN REMOVAL (FT)	PLUG AND ABANDON EXISTING PIPE (CU YD)	TRENCH BACKFILL (CY)
4529+69.7	41.28'	RT	4529+76.4	36.0'	8.4										
4529+69.7	41.30'	RT	4529+00.0	38.8'							65.8				
4529+76.4	35.97'	RT	4529+48.6	22.0'				70.3							14.7
4530+50.7	30.80'	RT	4532+46.3	41.7'	8.8										1.2
4531+07.7	33.30'	RT	4531+09.9	19.2'	44.3	6.5									
4532+49.9	41.70'	RT	4529+69.7	41.3'							267.2				
4532+46.3	41.70'	RT	4532+35.6	18.7'				60.1							16.9
4534+36.1	57.80'	RT	4534+34.5	13.3'							69.1				
4534+85.0	42.10'	RT	4534+91.1	19.0'			59.4								25.8
4534+85.0	42.10'	RT	4532+45.9	41.70'							235.7				
4536+12.7	31.20'	RT	4535+79.2	26.6'	47.7	11.6									7.3
4537+17.8	61.29'	RT	4534+86.6	57.1'	0.0								3.0		
4537+30.9	44.50'	RT	4537+30.4	28.5'			70.6								0.0
4537+30.9	44.50'	RT	4534+85.0	42.10'							147.6				
4538+25.4	36.20'	RT	4538+35.9	33.0'	61.8	6.4									9.6
4540+08.3	72.74'	RT	4537+17.8	61.3'							209.4				
4540+09.2	41.20'	LT	4540+08.3	72.7'								111.9			
4540+52.5	39.20'	LT	4540+37.3	41.0'			12.9								4.0
4540+84.9	42.38'	LT	4540+58.2	51.7'									3.2		
4540+88.7	70.80'	RT	4541+20.7	85.6'			34.8								
4541+02.1	10.00'	LT	4540+52.5	39.2'			54.8								19.4
4541+20.7	85.60'	RT	4541+51.1	50.5'			45.4								0.1
4541+51.1	50.50'	RT	4541+64.9	7.5'			57.6								25.6
4541+64.9	7.50'	LT	4540+58.2	51.7'						84.0					52.3
4541+71.3	0.10'	LT	4541+64.9	7.5'			7.8								2.5
4542+69.2	41.40'	RT	4542+78.3	3.8'		36.7									10.4
4542+72.3	1.14'	RT	4541+64.9	7.5'						105.5					122.4
4542+78.3	3.80'	RT	4542+72.3	1.1'		4.6									1.3
4543+59.4	1.10'	RT	4542+72.3	1.1'					85.1						69.4
4543+68.9	67.40'	RT	4544+96.0	61.4'							125.2				
4543+83.4	4.30'	RT	4543+59.4	1.1'					22.2						7.0
4544+75.5	2.70'	LT	4544+55.5	6.5'			18.3								5.3
4544+84.2	51.30'	RT	4544+90.3	64.7'		12.8									4.3
4544+84.5	1.50'	RT	4544+75.5	2.7'			7.9								5.8
4544+90.3	64.70'	RT	4544+84.5	1.5'			60.8								51.6
4544+96.0	61.40'	RT	4544+90.3	64.7'			4.6								1.0
4545+85.4	2.20'	LT	4545+75.5	6.5'		8.8									1.2
4546+67.7	62.40'	RT	4547+87.2	70.3'							116.8				
4547+35.5	6.5'	LT	4547+43.6	56.5'		61.0									
4547+43.6	56.50'	RT	4547+87.2	70.3'			43.8								3.9
4547+87.2	70.30'	RT	4548+92.3	43.1'				106.6							15.7
4547+87.2	70.30'	RT	4549+29.0	53.5'							138.8				
4548+64.4	7.78'	LT	4548+61.3	82.9'								89.7			
4548+92.3	43.10'	RT	4548+80.5	6.5'					47.5						0.0
4548+92.3	43.10'	RT	4551+85.3	44.1'							289.1				

EXISTING UTILITY PIPES

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8" (FT)	STORM SEWER REMOVAL 10" (FT)	STORM SEWER REMOVAL 12" (FT)	STORM SEWER REMOVAL 15" (FT)	STORM SEWER REMOVAL 18" (FT)	STORM SEWER REMOVAL 24" (FT)	PIPE UNDERDRAIN REMOVAL (FT)	PIPE UNDERDRAIN REMOVAL SPECIAL (FT)	WATERMAIN REMOVAL (FT)	PLUG AND ABANDON EXISTING PIPE (CU YD)	TRENCH BACKFILL (CY)
4549+26.1	74.20'	RT	4549+29.0	53.5'			19.3								2.2
4549+29.0	53.50'	RT	4548+92.3	43.1'			36.1								13.5
4550+01.6	63.14'	RT	4548+61.3	82.9'								139.7			
4551+07.2	94.10'	RT	4551+05.5	6.5'		97.1									1.0
4551+79.3	41.30'	RT	4551+85.3	44.1'		4.6									
4551+85.3	44.10'	RT	4551+85.5	6.5'				49.0							0.0
4551+85.3	44.1'	RT	4555+66.3	48.2'							376.0				
4551+96.4	31.30'	RT	4551+85.3	44.1'		13.0									
4552+21.0	107.10'	RT	4551+85.3	44.1'		70.4									60.8
4554+57.0	36.90'	RT	4555+65.6	47.6'		11.8									0.7
4554+97.8	46.60'	RT	4554+98.1	36.6'		8.0									
4554+98.1	36.60'	RT	4554+99.7	1.2'		35.8									1.3
4554+99.7	1.20'	LT	4555+16.3	6.9'			13.8								0.4
4555+65.6	47.60'	RT	4555+66.1	0.9'						46.5					11.6
4555+66.1	0.90'	LT	4555+45.0	6.7'						18.1					6.5
4556+86.3	6.50'	LT	4556+86.3	6.5'				2.6							0.0
4556+86.9	47.70'	RT	4556+86.3	6.5'				47.4							0.0
4556+86.9	47.70'	RT	4555+66.3	48.2'							117.0				
4556+94.7	37.00'	RT	4556+86.9	47.7'		11.6									
4558+30.0	0.90'	LT	4558+31.3	6.5'			2.6								0.0
4558+30.1	46.80'	RT	4558+30.3	37.0'		7.9									0.0
4558+30.3	37.00'	RT	4558+30.0	0.9'		35.9									0.0
4560+19.0	37.00'	RT	4560+26.1	47.4'		10.5									1.1
4560+26.1	47.40'	RT	4560+28.8	0.9'		46.4									0.0
4560+26.1	47.40'	RT	4556+86.9	47.70'							335.2				
4560+28.8	0.90'	LT	4558+32.2	6.5'			5.9								0.0
4560+32.1	101.60'	RT	4560+26.1	47.4'		49.5									0.0
4561+63.7	47.50'	RT	4563+77.1	41.8'								211.5			
4561+64.8	47.50'	RT	4560+26.1	47.40'								130.7			
4561+78.0	107.32'	RT	4561+04.8	64.5'								84.8			
4562+72.5	71.70'	RT	4563+09.8	39.6'		47.2									17.5
4563+09.8	39.60'	RT	4563+16.3	6.5'						43.1					0.0
4563+19.7	37.00'	RT	4563+09.8	39.6'		8.2									2.2
4563+20.0	0.80'	LT	4563+16.3	6.5'			3.6								0.0
4563+77.1	41.80'	RT	4563+09.8	39.6'				65.4							21.1
4563+77.1	41.8'	RT	4565+22.6	62.1'								142.9			
4563+82.0	37.10'	RT	4563+77.1	41.8'		4.8									
4563+84.2	59.40'	RT	4563+77.1	41.8'		17.0									
4565+18.4	0.90'	LT	4565+16.3	6.5'				2.8							0.0
4565+22.6	62.1'	RT	4567+80.7	60.5'								254.0			
4565+22.9	62.00'	RT	4565+18.4	0.9'				61.1							0.0
4565+27.7	50.90'	RT	4565+22.9	62.0'		9.5									0.9
4567+04.7	49.20'	RT	4567+06.1	0.8'		48.0									0.0
4567+06.1	0.80'	LT	4567+06.3	6.5'			2.6								0.0
4567+55.8	52.70'	RT	4567+80.9	60.1'		24.5									2.8

CONTINUED ON NEXT SHEET

REVISIONS	
NAME	DATE

EXISTING UTILITY PIPES

STATION	OFFSET	TO STATION	OFFSET	STORM SEWER REMOVAL 8" (FT)	STORM SEWER REMOVAL 10" (FT)	STORM SEWER REMOVAL 12" (FT)	STORM SEWER REMOVAL 15" (FT)	STORM SEWER REMOVAL 18" (FT)	STORM SEWER REMOVAL 24" (FT)	PIPE UNDERDRAIN REMOVAL (FT)	PIPE UNDERDRAIN REMOVAL SPECIAL (FT)	WATERMAIN REMOVAL (FT)	PLUG AND ABANDON EXISTING PIPE (CU YD)	TRENCH BACKFILL (CY)
4567+80.4	0.90' LT	4567+77.8	6.5' LT				3.0							0.5
4567+80.9	60.10' RT	4567+80.4	0.9' LT				59.4							19.0
4567+87.7	49.20' RT	4567+80.9	60.1' RT		10.7									1.1
4568+42.7	49.10' RT	4568+45.2	0.9' LT		48.0									0.0
4568+45.2	0.90' LT	4568+46.3	6.5' LT			2.6								0.0
4570+38.8	52.30' RT	4570+46.9	63.5' RT		11.8									2.2
4570+45.8	1.00' LT	4570+46.3	6.5' LT				2.4							0.0
4570+46.9	63.50' RT	4570+45.8	1.0' LT				62.6							0.0
4570+47.1	63.20' RT	4565+22.6	62.1' RT							262.5				
4572+34.2	4.90' LT	4572+51.3	6.5' LT			15.2								5.0
4572+51.0	66.90' RT	4572+52.8	0.6' LT			65.5								0.0
4572+52.8	0.60' LT	4572+51.3	6.5' LT			3.0								0.0
4574+02.2	77.20' RT	4574+04.3	56.9' RT		18.5									1.4
4574+04.2	56.90' RT	4576+16.0	49.6' RT							207.9				
4574+04.3	56.90' RT	4574+21.8	45.9' RT			18.7								2.3
4574+06.1	83.20' RT	4565+22.6	62.1' RT							357.9				
4574+21.8	45.90' RT	4574+26.3	16.5' LT			47.4								0.0
4576+08.0	37.30' RT	4576+16.0	49.6' RT		12.6									0.5
4576+15.6	92.80' RT	4576+15.7	72.8' RT		18.0									0.0
4576+15.7	72.80' RT	4576+16.0	49.6' RT		21.2									0.0
4576+16.0	49.60' RT	4576+16.3	4.4' LT				51.0							0.0
4576+16.0	49.6' RT	4579+65.1	48.1' RT							345.1				
4577+62.1	0.90' LT	4577+56.3	4.4' LT			3.3								0.4
4578+22.9	37.30' RT	4577+62.1	0.9' LT			69.8								6.5
4578+24.0	47.00' RT	4578+22.9	37.3' RT			7.7								2.4
4578+32.5	108.60' RT	4578+24.0	47.0' RT			60.2								60.2
4579+65.1	48.10' RT	4579+65.7	0.5' LT			46.6								0.0
4579+65.1	48.1' RT	4581+46.1	48.0' RT							178.0				
4579+65.7	0.50' LT	4579+66.3	6.5' LT			2.9								0.0
4581+44.7	0.40' LT	4581+46.3	6.5' LT			3.1								0.0
4581+46.1	48.00' RT	4581+44.7	0.4' LT		46.5									0.0
4581+46.1	48.0' RT	4582+12.0	48.2' RT							62.9				
4582+08.9	0.20' LT	4582+06.3	5.3' LT				2.4							0.2
4582+12.0	48.20' RT	4582+08.9	0.2' LT				46.5							6.2
4582+40.4	47.7' RT	4582+12.0	48.2' RT							25.0				
4583+30.8	36.80' RT	4583+26.3	6.5' LT			41.5								3.4
4583+34.9	0.40' LT	4583+26.3	6.5' LT			7.0								0.4
4583+39.9	48.50' RT	4583+30.8	36.8' RT			12.8								
4584+02.9	48.20' RT	4584+22.5	48.2' RT		17.6									0.8
4584+10.7	0.20' LT	4584+36.3	6.5' LT			22.6								4.0
4584+22.5	48.20' RT	4584+36.3	6.5' LT		49.8									4.6
4586+10.8	0.40' LT	4586+21.3	6.5' LT			8.6								0.7
4586+19.5	37.40' RT	4586+21.3	6.5' LT		40.4									0.0
4586+57.8	51.20' RT	4586+19.5	37.4' RT		37.2									
4586+59.8	74.70' RT	4586+57.8	51.2' RT		20.3									1.3

EXISTING UTILITY PIPES

STATION	OFFSET	TO STATION	OFFSET	STORM SEWER REMOVAL 8" (FT)	STORM SEWER REMOVAL 10" (FT)	STORM SEWER REMOVAL 12" (FT)	STORM SEWER REMOVAL 15" (FT)	STORM SEWER REMOVAL 18" (FT)	STORM SEWER REMOVAL 24" (FT)	PIPE UNDERDRAIN REMOVAL (FT)	PIPE UNDERDRAIN REMOVAL SPECIAL (FT)	WATERMAIN REMOVAL (FT)	PLUG AND ABANDON EXISTING PIPE (CU YD)	TRENCH BACKFILL (CY)
4588+20.0	47.00' RT	4588+20.5	37.4' RT		7.3									0.0
4588+20.5	37.40' RT	4588+21.3	6.5' LT		40.9									0.0
4588+21.3	6.50' LT	4588+21.3	6.5' LT			8.9								1.0
4589+42.0	46.50' RT	4589+68.0	45.9' RT			22.0								0.0
4589+68.0	45.90' RT	4590+11.3	6.5' LT			66.2								19.3
4590+13.4	0.30' LT	4590+11.3	6.5' LT			3.4								2.3
4590+70.6	53.40' RT	4590+11.3	6.5' LT		69.0	14.6								10.4
4590+71.9	63.90' RT	4590+70.6	53.4' RT		8.5									2.3
4591+75.6	0.60' LT	4591+86.3	6.5' LT			8.6								0.8
4591+84.5	59.70' RT	4591+85.6	49.3' RT		8.5									0.0
4591+85.6	49.30' RT	4591+86.3	6.5' LT		51.0	2.8								0.0
4593+25.5	0.60' LT	4593+36.3	6.5' LT			8.8								0.2
4593+35.3	49.80' RT	4593+36.3	6.5' LT		51.5									0.0
4594+34.8	0.80' LT	4594+46.3	6.5' LT			9.3								1.1
4594+44.8	59.80' RT	4594+45.5	49.5' RT		8.3									0.0
4594+45.5	49.50' RT	4594+46.3	6.5' LT		51.1	2.9								0.0
4597+75.5	59.70' RT	4597+75.6	49.2' RT		8.5									0.0
4597+75.6	49.20' RT	4597+76.3	6.5' LT		50.8	2.8								0.0
4597+85.4	0.80' LT	4597+76.3	6.5' LT			7.0								0.4
4598+76.0	48.00' RT	4598+76.3	5.7' LT	49.6		2.0								0.0
4598+85.8	0.80' LT	4598+76.3	5.7' LT			7.1								0.6
4600+25.0	46.00' RT	4600+26.3	6.5' LT		48.8	2.8								0.0
4600+35.3	1.10' LT	4600+26.3	6.5' LT			7.0								1.5
4600+68.0	50.00' RT	4600+25.0	46.0' RT		40.2									0.0
4602+12.0	63.00' RT	4602+11.3	6.5' LT			69.2								17.4
4602+15.0	1.00' LT	4602+11.3	6.5' LT			3.4								0.3
4604+05.1	57.90' RT	4604+05.4	37.3' RT		17.7									0.0
4604+05.4	37.30' RT	4604+06.3	6.5' LT		38.9	2.8								0.0
4604+15.4	1.00' LT	4604+06.3	6.5' LT			7.1								0.4
4606+06.0	53.00' RT	4606+06.1	37.2' RT		12.8									0.0
4606+06.1	37.20' RT	4606+06.3	6.5' LT		38.7	2.8								0.0
4606+15.5	0.90' RT	4606+06.3	6.5' LT			7.3								0.6
4607+36.0	50.00' RT	4607+36.1	37.2' RT		9.9									0.0
4607+36.1	37.20' RT	4607+36.3	6.5' LT		38.7	2.8								0.0
4607+45.9	0.80' LT	4607+36.3	6.5' LT			7.6								0.5
4608+06.2	41.47' RT	4608+06.0	1.7' LT							41.2				
4608+24.8	7.11' LT	4608+23.8	11.2' LT										0.1	
4608+26.2	37.20' RT	4608+16.3	6.5' LT		40.5	2.3								5.3
4608+26.4	0.90' LT	4608+16.3	11.2' LT			5.5								
4608+26.4	47.70' RT	4608+26.2	37.2' RT		8.6									
4608+35.6	47.90' RT	4608+26.2	37.2' RT		12.0									
4608+35.9	37.10' RT	4608+26.2	37.2' RT		7.7									
4608+36.3	1.00' LT	4608+40.2	6.4' LT			4.5								0.1
4609+76.5	37.20' RT	4609+86.3	6.5' LT		40.5	2.4								
4609+76.5	1.10' LT	4609+86.3	6.5' LT			7.6								

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CONTINUED ON NEXT SHEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE SCHEDULES
EXISTING UTILITY PIPES
SCALE: 1"=N.T.S.
DATE: 06/09/06
DRAWN BY: RR
CHECKED BY: DDM

DS-04
6/7/2006

EXISTING UTILITY PIPES

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8" (FT)	STORM SEWER REMOVAL 10" (FT)	STORM SEWER REMOVAL 12" (FT)	STORM SEWER REMOVAL 15" (FT)	STORM SEWER REMOVAL 18" (FT)	STORM SEWER REMOVAL 24" (FT)	PIPE UNDERDRAIN REMOVAL (FT)	PIPE UNDERDRAIN REMOVAL SPECIAL (FT)	WATERMAIN REMOVAL (FT)	PLUG AND ABANDON EXISTING PIPE (CU YD)	TRENCH BACKFILL (CY)
4609+77.1	48.00' RT		4609+76.5	37.2' RT		8.7									
4611+82.0	0.80' LT		4611+71.3	6.5' LT			8.6								0.6
4611+83.4	48.00' RT		4611+83.5	37.1' RT		8.9									0.6
4611+83.5	37.10' RT		4611+71.3	6.5' LT		38.5	5.1								5.9
4613+94.9	37.10' RT		4613+95.2	1.2' LT		36.3									0.0
4613+95.2	1.20' LT		4613+96.3	6.5' LT			2.3								0.0
4614+24.0	47.00' RT		4613+94.9	37.1' RT		26.8									
4616+66.8	49.80' RT		4617+44.2	36.9' RT		75.5									5.2
4617+44.1	1.50' LT		4617+51.3	6.5' LT			5.3								0.3
4617+44.2	36.90' RT		4617+51.3	6.5' LT		37.6	4.0								3.9
4617+44.4	66.00' RT		4617+44.2	36.9' RT		26.0									26.0
4619+61.3	1.00' LT		4619+71.3	6.5' LT			7.9								2.5
4619+78.8	36.80' RT		4619+96.8	56.9' RT			24.9								3.7
4619+84.5	57.10' RT		4619+96.8	56.9' RT		10.3									1.1
4619+96.8	56.90' RT		4619+71.3	6.5' LT			66.5								15.8
4621+76.1	49.30' RT		4621+76.3	1.3' LT			48.5								
4621+76.3	1.30' LT		4621+74.3	6.5' LT			2.4								
4623+01.2	59.50' RT		4623+11.3	59.5' RT		8.1									0.2
4623+01.4	49.00' RT		4623+11.0	49.2' RT		7.6									0.6
4623+06.2	55.10' RT		4623+06.1	1.8' LT							54.9				
4623+10.8	1.30' LT		4623+19.6	0.6' LT		7.4									
4623+11.0	49.20' RT		4623+21.3	55.2' RT		10.9									1.0
4623+11.3	59.50' RT		4623+21.3	55.2' RT		8.9									0.4
4623+19.6	0.60' LT		4623+19.6	6.5' LT			2.2								0.0
4623+21.3	55.20' RT		4623+19.6	6.5' LT				60.4							8.2
4624+46.0	51.60' RT		4624+46.7	1.3' LT		50.8									
4624+46.7	1.30' LT		4624+36.3	6.5' LT			8.0								
4626+72.4	1.40' LT		4626+56.3	6.5' LT			13.2								1.6
4626+95.8	74.60' RT		4627+12.0	73.5' RT		13.2									
4627+12.0	73.50' RT		4626+56.3	6.5' LT			96.4								21.9
4627+50.7	55.80' RT		TEE	TEE		5.7									
4631+03.0	48.00' RT		4631+03.5	38.3' RT		6.7									0.0
4631+03.2	1.00' LT		4631+01.3	6.5' LT			2.6								0.0
4631+03.5	38.30' RT		4631+03.2	1.0' LT		37.3									0.0
4632+58.6	52.10' RT		4632+59.0	41.5' RT		8.6									
4632+58.7	1.20' LT		4632+66.3	6.5' LT			5.8								
4632+59.0	41.50' RT		4632+66.3	6.5' LT		43.1	3.5								
4634+13.2	1.40' LT		4634+11.3	6.5' LT			2.4								0.0
4634+13.5	46.50' RT		4634+13.2	1.4' LT		45.9									0.0
4635+68.8	52.30' RT		4636+71.5	61.1' RT		101.1									12.2
4635+69.4	1.50' LT		4635+68.8	52.3' RT		51.8									
4636+49.0	65.40' RT		4636+59.7	65.8' RT		8.7									
4636+51.1	54.90' RT		4636+59.8	55.2' RT		5.7									0.7
4636+51.5	1.40' LT		4636+61.7	1.3' LT		8.2									
4636+54.5	61.10' RT		4639+54.9	2.0' LT							61.1				

EXISTING UTILITY PIPES

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8" (FT)	STORM SEWER REMOVAL 10" (FT)	STORM SEWER REMOVAL 12" (FT)	STORM SEWER REMOVAL 15" (FT)	STORM SEWER REMOVAL 18" (FT)	STORM SEWER REMOVAL 24" (FT)	PIPE UNDERDRAIN REMOVAL (FT)	PIPE UNDERDRAIN REMOVAL SPECIAL (FT)	WATERMAIN REMOVAL (FT)	PLUG AND ABANDON EXISTING PIPE (CU YD)	TRENCH BACKFILL (CY)
4636+59.7	65.80' RT		4636+71.5	61.1' RT		10.7									0.6
4636+59.8	55.20' RT		4636+71.5	61.1' RT		11.1									1.7
4636+61.7	1.30' LT		4636+71.3	5.3' LT			6.6								0.5
4636+71.5	61.10' RT		4636+71.3	5.3' LT			64.0								18.5
4637+56.9	58.60' RT		4637+57.2	1.4' LT	58.0										
4637+57.2	1.40' LT		OFFSITE	OFFSITE			3.8								0.8
4546.64.8	62.20' RT		4544+96.0	61.4' RT							165.9				
OFFSITE	OFFSITE		4611+71.3	6.5' LT			59.3								9.7
OFFSITE	OFFSITE		4624+36.3	6.5' LT			65.5								0.0
OFFSITE	OFFSITE		4627+12.0	73.5' RT		90.2									
OFFSITE	OFFSITE		OFFSITE	OFFSITE			76.1								74.7
TOTALS					197	3572	2752	912	305	190	7827	867	1075	8	1590

SCHEDULES OF VIDEO TAPING PIPE UNDERDRAIN

BASELINE	STATION	OFFSET	TO	STATION	OFFSET	VIDEO TAPING PIPE UNDERDRAIN (FT)
NBLOC	4529+78.8	69.9' RT		4532+61.4	73.9' RT	271.2
	4532+61.4	73.9' RT		4534+36.1	57.8' RT	175.5
	4535+60.0	56.0' RT		4534+36.1	57.8' RT	123.9
	4550+01.6	63.1' RT		4553+12.2	72.0' RT	310.3
	4553+12.2	72.0' RT		4555+74.2	93.8' RT	261.5
	4555+74.2	93.8' RT		4555+66.3	48.2' RT	46.2
	4556+01.5	68.7' RT		4555+74.2	93.8' RT	42.0
	4556+76.6	62.8' RT		4556+92.4	86.7' RT	30.0
	4556+92.4	86.7' RT		4556+86.8	48.1' RT	36.0
	4559+03.3	78.5' RT		4556+92.4	86.7' RT	208.0
	4561+04.8	64.5' RT		4559+03.3	78.5' RT	198.0
	4561+78.0	107.3' RT		4563+95.2	106.9' RT	217.2
	4563+95.2	106.9' RT		4565+71.7	111.6' RT	176.6
	4565+71.7	111.6' RT		4565+22.6	62.1' RT	65.0
	4565+92.8	72.1' RT		4565+71.7	111.6' RT	40.0
	4566+65.3	66.7' RT		4566+81.3	108.6' RT	42.0
	4566+81.3	108.6' RT		4567+68.7	105.9' RT	80.0
4567+68.7	105.9' RT		4567+80.7	60.5' RT	48.0	
4567+68.7	158.3' RT		4567+68.7	105.9' RT	52.0	
4570+23.7	157.5' RT		4570+47.1	63.2' RT	100.0	
4572+79.2	141.9' RT		4572+51.6	66.9' RT	80.0	
LSALLE	262+89.6	2.8' RT		401+00.2	1.6' RT	274.0
	401+00.2	1.6' RT		402+60.2	1.4' RT	155.0
	402+60.2	1.4' RT		405+08.6	4.6' LT	241.0

BASELINE	STATION	OFFSET	TO	STATION	OFFSET	VIDEO TAPING PIPE UNDERDRAIN (FT)
LSALLE	405+08.6	4.6' LT		409+20.4	4.7' LT	405.0
	409+20.4	4.7' LT		413+31.9	4.7' LT	405.0
	413+31.9	4.7' LT		417+32.1	5.0' LT	397.0
	417+32.1	5.0' LT		421+27.0	6.0' LT	396.0
	421+27.0	6.0' LT		424+80.3	3.5' LT	347.0
	424+80.3	3.5' LT		428+30.5	2.8' RT	344.0
	433+30.6	2.3' RT		428+30.5	2.8' RT	493.0
	433+30.6	2.3' RT		438+29.3	2.4' RT	493.0
	438+29.3	2.4' RT		441+56.4	1.7' RT	323.0
	446+32.0	1.8' RT		441+56.4	1.7' RT	468.0
	451+31.7	1.6' RT		446+32.0	1.8' RT	493.0
	451+31.7	1.6' RT		4637+59.0	115.7' RT	347.0
	NBLOC	4607+55.7	115.9' RT		4608+06.2	41.5' RT
4611+05.9		121.6' RT		4611+42.8	47.0' RT	83.0
4624+31.8		118.1' RT		4624+33.7	59.0' RT	59.2
4637+59.0		115.7' RT		4637+61.3	69.9' RT	45.8
TOTAL						8456

BOWMAN, BARRETT & ASSOCIATES INC
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REVISIONS	
NAME	DATE
REVISED	6/23/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE SCHEDULES
EXISTING UTILITY PIPES
SCALE: 1"=N.T.S. DRAWN BY: RR
DATE: 06/09/06 CHECKED BY: DDM

DS-05

6/23/2006 11:23:59 AM

EXISTING DRAINAGE STRUCTURES

SHEET NUMBER	STATION	OFFSET	STRUCTURE REMOVALS			STRUCTURE ADJUSTMENTS				TO BE RECONSTRUCTED	FILLING		STR TO BE CLEANED
			MH	CB	INLET	CB TY1 F OL	MH TY1 F CL	FR & GRATES	DRN STR SPECIAL	MH TY1 F CL	MANHOLE	CATCH BASINS	
DU-17	4476+53	1' LT			1								
DU-17	4476+63	1' RT		1									
DU-17	4476+63	27' RT		1									
DU-17	4476+77	38' RT		1									
DU-17	4478+89	27' RT		1									
DU-17	4478+89	38' RT		1									
DU-17	4478+90	1' RT		1									
DU-17	4478+99	1' LT			1								
DU-18	4481+22	1' LT			1								
DU-18	4481+31	1' RT		1									
DU-18	4481+35	38' RT			1								
DU-18	4481+37	27' RT		1									
DU-18	4482+94	38' RT		1									
DU-18	4483+57	1' LT			1								
DU-18	4483+66	1' RT		1									
DU-18	4483+66	27' RT		1									
DU-18	4483+66	38' RT		1									
DU-19	4486+02	40' RT		1									
DU-19	4486+03	1' RT		1									
DU-19	4486+13	1' LT			1								
DU-19	4486+56	39' RT		1									
DU-20	4489+72	1' LT			1								
DU-20	4489+81	2' RT		1									
DU-20	4489+82	39' RT			1								
DU-20	4489+82	51' RT			1								
DU-20	4491+03	47' RT		1									
DU-20	4492+12	2' RT		1									
DU-20	4492+13	40' RT		1									
DU-20	4492+22	1' LT			1								
DU-20	4492+58	3' LT	1										
DU-21	4494+22	27' RT		1									
DU-21	4494+23	37' RT		1									
DU-21	4494+47	2' RT		1									
DU-21	4494+57	1' LT			1								
DU-21	4494+63	33' RT	1										
DU-21	4494+64	37' RT		1									
DU-21	4496+06	37' RT		1									
DU-21	4496+63	1' RT		1									
DU-21	4496+64	27' RT			1								
DU-21	4496+64	38' RT			1								
DU-21	4496+72	1' LT			1								
DU-22	4498+93	2' RT		1									
DU-22	4498+94	28' RT		1									
DU-22	4498+95	38' RT		1									
DU-22	4499+03	1' LT			1								
DU-22	4500+87	27' RT		1									
DU-22	4500+87	38' RT		1									
DU-22	4500+88	2' RT		1									
DU-22	4500+97	2' LT			1								
DU-22	4502+86	2' RT		1									
DU-22	4502+90	29' RT		1									
DU-22	4502+98	5' LT			1								
DU-23	4503+60	4' LT						1					
DU-23	4503+70	4' LT						1					
DU-23	4503+70	40' RT		1									
DU-23	4503+74	3' RT		1									
DU-23	4503+77	29' RT			1								
DU-23	4503+80	4' LT						1					
DU-23	4504+32	4' LT						1					
DU-23	4504+34	4' RT		1									
DU-23	4504+35	29' RT		1									
DU-23	4504+36	40' RT			1								
DU-23	4504+92	4' LT						1					
DU-23	4506+65	4' LT						1					
DU-23	4507+33	3' LT			1								
DU-23	4507+36	48' RT		1									
DU-23	4507+38	31' RT		1									
DU-23	4507+43	5' RT		1									

EXISTING DRAINAGE STRUCTURES

SHEET NUMBER	STATION	OFFSET	STRUCTURE REMOVALS			STRUCTURE ADJUSTMENTS				TO BE RECONSTRUCTED	FILLING		STR TO BE CLEANED
			MH	CB	INLET	CB TY1 F OL	MH TY1 F CL	FR & GRATES	DRN STR SPECIAL	MH TY1 F CL	MANHOLE	CATCH BASINS	
DU-23	4507+48	4' LT											
DU-24	4508+38	4' LT											
DU-24	4509+11	4' LT											
DU-24	4509+38	43' RT		1									
DU-24	4509+40	59' RT		1									
DU-24	4510+43	1' RT	1										
DU-24	4510+49	0' LT	1										
DU-24	4510+52	33' RT		1									
DU-24	4510+54	7' RT			1								
DU-24	4510+63	58' RT		1									
DU-24	4510+65	66' RT			1								
DU-24	4511+85	53' RT			1								
DU-24	4511+86	73' RT			1								
DU-25	4513+08	4' LT							1				
DU-25	4513+13	48' RT		1									
DU-26	4517+65	8' LT							1				
DU-26	4517+74	33' RT		1									
DU-26	4517+79	44' RT		1									
DU-26	4520+39	45' RT		1									
DU-26	4520+41	4' LT							1				
DU-26	4520+46	34' RT			1								
DU-27	4522+72	44' RT		1									
DU-27	4522+79	34' RT			1								
DU-27	4524+23	45' RT		1									
DU-27	4524+23	52' RT			1								
DU-27	4524+24	35' RT			1								
DU-27	4524+27	21' LT							1				
DU-27	4525+72	21' LT							1				
DU-27	4525+73	36' RT			1								
DU-27	4525+82	46' RT		1									
DU-11	4526+26	21' LT							1				
DU-28	4527+24	36' RT			1								
DU-28	4527+29	46' RT			1								
DU-28	4528+02	19' LT							1				
DU-28	4528+12	19' LT							1				
DU-28	4528+13	54' RT			1								
DU-28	4528+18	46' RT			1								
DU-28	4528+22	19' LT							1				
DU-28	4528+57	34' RT			1								

DS-06

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

DRAINAGE SCHEDULES
EXISTING DRAINAGE STRUCTURES

SCALE: NONE
DATE: June 9, 2006
DRAWN BY: NJH
CHECKED BY: XXX



CONTINUED ON NEXT SHEET

P:\40468\civil\8-ctrs\18 & 19\str\str_18\drainage and utility plans\62301.dwg

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	REMOVING			TO BE ADJUSTED				TO BE RECONSTRUCTED	FILLING		STR. TO BE CLEANED
		MANHOLES	CATCH BASINS	INLETS	CB NEW TIF OL	MH NEW TIF CL	FRAMES AND GRATES	DRN. STR. SPECIAL	MH NEW TIF CL	MANHOLES	CATCH BASINS	
4529+66.6	19.8' LT						1					
4530+50.7	30.8' RT										1	
4531+07.7	33.3' RT			1								
4531+09.9	19.2' LT						1					
4535+02.6	112.4' RT					1						
4532+35.6	18.7' LT						1					
4532+46.3	41.7' RT			1								
4533+60.6	18.7' LT						1					
4534+36.1	57.8' RT					1						
4534+41.1	111.6' RT					1						
4534+51.8	113.2' RT					1						
4534+85.0	42.1' RT		1									
4534+91.1	19.0' LT						1					
4535+55.0	99.6' RT					1						
4536+12.7	31.2' RT			1								
4536+16.7	100.3' RT					1						
4536+25.3	23.6' LT						1					
4537+17.8	61.3' RT	1										
4537+30.4	28.5' LT						1					
4537+30.9	44.5' RT		1									
4538+25.4	36.2' RT		1									
4538+35.9	33.0' LT						1					
4539+41.8	37.4' LT						1					
4540+08.3	72.7' RT					1						
4540+37.3	41.0' LT						1					
4540+52.5	39.2' LT									1		
4540+88.7	70.8' RT		1									
4541+02.1	10.0' LT										1	
4541+20.7	85.6' RT		1									
4541+51.1	50.5' RT		1									
4541+64.9	7.5' LT								1			
4541+71.3	0.1' LT		1									
4542+69.2	41.4' RT		1									
4542+70.0	9.6' LT						1					
4542+72.3	1.1' RT	1										
4542+78.3	3.8' RT									1		
4543+59.4	1.1' RT	1										
4543+60.0	7.0' LT						1					
4543+83.4	4.3' RT									1		
4544+55.5	6.5' LT						1					
4544+75.5	2.7' LT								1			
4544+84.2	51.3' RT			1								
4544+84.5	1.5' RT									1		
4544+90.3	64.7' RT									1		
4544+96.0	61.4' RT			1								

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	REMOVING			TO BE ADJUSTED				TO BE RECONSTRUCTED	FILLING		STR. TO BE CLEANED
		MANHOLES	CATCH BASINS	INLETS	CB NEW TIF OL	MH NEW TIF CL	FRAMES AND GRATES	DRN. STR. SPECIAL	MH NEW TIF CL	MANHOLES	CATCH BASINS	
4545+75.5	6.5' LT											
4545+85.4	2.2' LT										1	
4547+35.5	6.5' RT										1	
4547+43.6	56.5' RT										1	
4547+87.2	70.3' RT										1	
4548+61.3	82.9' RT						1					
4548+61.3	82.9' RT							1				
4548+80.5	6.5' LT										1	
4548+92.3	43.1' RT	1										
4549+26.1	74.2' RT			1								
4549+29.0	53.5' RT										1	
4551+05.5	6.5' LT										1	
4551+07.2	94.1' RT										1	
4551+79.3	41.3' RT			1								
4551+85.3	44.1' RT		1									
4551+85.5	6.5' LT										1	
4551+93.2	136.8' RT							1				
4551+96.4	31.3' RT			1								
4552+21.0	107.1' RT			1								
4553+12.2	72.0' RT										1	
4553+45.1	140.3' RT										1	
4553+99.1	6.5' LT										1	
4554+15.5	6.5' LT										1	
4554+57.0	36.9' RT			1								
4554+95.3	142.2' RT										1	
4554+97.8	46.6' RT			1								
4554+98.1	36.6' RT										1	
4554+99.7	1.2' LT										1	
4555+16.3	6.9' LT										1	
4555+30.0	6.5' LT										1	
4555+41.3	6.7' LT										1	
4555+65.6	47.6' RT		1									
4555+66.1	0.9' LT										1	
4555+74.2	93.8' RT										1	
4555+96.3	5.2' LT									1		
4556+86.3	6.5' LT									1		
4556+86.3	6.5' LT		1									
4556+86.9	47.7' RT		1									
4556+92.4	86.7' RT									1		
4556+94.7	37.0' RT			1								
4557+45.5	142.8' RT									1		
4558+30.0	0.9' LT		1									
4558+30.1	46.8' RT			1								
4558+30.3	37.0' RT		1									
4558+31.3	6.5' LT										1	

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	138
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-IPR-10)		

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REVISIONS	
NAME	DATE
REVISED	6/22/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE SCHEDULES
EXISTING DRAINAGE STRUCTURES
SCALE: 1"=N.T.S.
DATE: 06/09/06
DRAWN BY: RR
CHECKED BY: DDM

DS-07
2:03:44 PM
6/22/2006

EXISTING DRAINAGE STRUCTURES

EXISTING DRAINAGE STRUCTURES

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	139
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	(2021-922	PT2 ETC	2324.6-IP1R-10	

STATION	OFFSET	REMOVING			TO BE ADJUSTED				TO BE RECONSTRUCTED	FILLING		STR. TO BE CLEANED
		MANHOLES	CATCH BASINS	INLETS	CB NEW T1F OL	MH NEW T1F CL	FRAMES AND GRATES	DRN. STR. SPECIAL	MH NEW T1F CL	MANHOLES	CATCH BASINS	
4558+46.7	142.9' RT					1						
4559+03.3	78.0' RT					1						
4560+19.0	37.0' RT			1								
4560+26.1	47.4' RT		1									
4560+26.3	6.5' LT						1					
4560+28.8	0.9' LT		1									
4560+32.1	101.6' RT		1									
4561+04.8	64.5' RT							1				
4561+48.4	141.3' RT					1						
4562+72.5	71.7' RT									1		
4562+97.3	140.7' RT					1						
4563+09.8	39.6' RT								1			
4563+16.3	6.5' LT						1					
4563+19.7	37.0' RT									1		
4563+20.0	0.8' LT		1									
4563+77.1	41.8' RT									1		
4563+82.0	37.1' RT									1		
4563+84.2	59.4' RT			1								
4563+95.2	106.9' RT					1						
4565+16.3	6.5' LT						1					
4565+18.4	0.9' LT		1									
4565+22.9	62.0' RT		1									
4565+27.7	50.9' RT			1								
4565+71.7	111.6' RT					1						
4566+81.3	108.6' RT					1						
4567+04.7	49.2' RT		1									
4567+06.1	0.8' LT		1									
4567+06.3	6.5' LT						1					
4567+55.8	52.7' RT								1			
4567+68.7	105.7' RT					1						
4567+80.4	0.9' LT									1		
4567+80.9	60.1' RT									1		
4567+80.9	60.1' RT					1						
4567+81.3	6.5' LT						1					
4567+87.7	49.2' RT			1								
4567+92.8	6.5' LT						1					
4568+06.3	6.5' LT						1					
4568+42.7	49.1' RT			1								
4568+45.2	0.9' LT		1									
4568+46.3	6.5' LT						1					
4570+38.8	52.3' RT			1								
4570+45.8	1.0' LT		1									
4570+46.3	6.5' LT						1					
4570+46.9	63.5' RT		1									
4572+34.2	4.9' LT								1			

STATION	OFFSET	REMOVING			TO BE ADJUSTED				TO BE RECONSTRUCTED	FILLING		STR. TO BE CLEANED
		MANHOLES	CATCH BASINS	INLETS	CB NEW T1F OL	MH NEW T1F CL	FRAMES AND GRATES	DRN. STR. SPECIAL	MH NEW T1F CL	MANHOLES	CATCH BASINS	
4572+51.0	66.9' RT		1									
4572+51.3	6.5' LT						1					
4572+52.8	0.6' LT		1									
4574+02.2	77.2' RT			1								
4574+04.3	56.9' RT										1	
4574+21.8	45.9' RT		1									
4576+08.0	37.3' RT			1								
4576+15.6	92.8' RT			1								
4576+15.7	72.8' RT		1									
4576+16.0	49.6' RT		1									
4576+16.3	4.4' LT						1					
4577+56.3	4.4' LT							1				
4577+62.1	0.9' LT										1	
4578+22.9	37.3' RT										1	
4578+24.0	47.0' RT			1								
4578+32.5	108.6' RT										1	
4579+65.1	48.1' RT		1									
4579+65.7	0.5' LT		1									
4579+66.3	6.5' LT						1					
4580+99.0	127.0' RT						1					
4581+44.7	0.4' LT		1									
4581+46.1	48.0' RT			1								
4581+46.3	6.5' LT						1					
4581+76.3	6.2' LT						1					
4581+87.5	5.1' LT						1					
4582+06.3	5.3' LT							1				
4582+08.9	0.2' LT										1	
4582+12.0	48.2' RT										1	
4583+26.3	6.5' LT							1				
4583+30.8	36.8' RT										1	
4583+34.9	0.4' LT										1	
4583+39.9	48.5' RT										1	
4583+75.6	125.4' RT											1
4584+02.9	48.2' RT			1								
4584+10.7	0.2' LT		1									
4584+22.5	48.2' RT		1									
4584+36.3	6.5' LT						1					
4585+35.6	124.9' RT											1
4586+10.8	0.4' LT										1	
4586+19.5	37.4' RT		1									
4586+21.3	6.5' LT						1					
4586+57.8	51.2' RT		1									
4586+59.8	74.7' RT			1								
4588+20.0	47.0' RT		1									
4588+20.5	37.4' RT		1									

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REVISED	6/22/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE SCHEDULES
EXISTING DRAINAGE STRUCTURES

SCALE: 1"=N.T.S.
DATE: 06/09/06

DRAWN BY: RR
CHECKED BY: DDM

DS-08

2/4/03 PM 6/22/2006

EXISTING DRAINAGE STRUCTURES

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	REMOVING			TO BE ADJUSTED				TO BE RECONSTRUCTED	FILLING		STR. TO BE CLEANED
		MANHOLES	CATCH BASINS	INLETS	CB NEW TIF OL	MH NEW TIF CL	FRAMES AND GRATES	DRN. STR. SPECIAL	MH NEW TIF CL	MANHOLES	CATCH BASINS	
4588+21.3	6.5' LT						1					
4588+21.3	6.5' LT										1	
4589+42.0	46.5' RT		1									
4589+68.0	45.9' RT		1									
4590+11.3	6.5' LT						1					
4590+13.4	0.3' LT		1									
4590+70.6	53.4' RT										1	
4590+71.9	63.9' RT			1								
4591+75.6	0.6' LT										1	
4591+84.5	59.7' RT			1								
4591+85.6	49.3' RT		1									
4591+86.3	6.5' LT						1					
4591+95.8	117.5' RT											1
4593+25.5	0.6' LT										1	
4593+35.3	49.8' RT		1									
4593+36.3	6.5' LT						1					
4594+34.8	0.8' LT										1	
4594+44.8	59.8' RT			1								
4594+45.5	49.5' RT	1										
4594+46.3	6.5' LT						1					
4596+07.3	116.8' RT											1
4597+75.5	59.7' RT			1								
4597+75.6	49.2' RT		1									
4597+76.3	6.5' LT						1					
4597+85.4	0.8' LT										1	
4598+76.0	48.0' RT			1								
4598+76.3	5.7' LT						1					
4598+85.8	0.8' LT										1	
4600+07.6	115.8' RT											1
4600+25.0	46.0' RT		1									
4600+26.3	6.5' LT						1					
4600+35.3	1.1' LT										1	
4600+68.0	50.0' RT			1								
4602+11.3	6.5' LT						1					
4602+12.0	63.0' RT			1								
4602+15.0	1.0' LT										1	
4604+02.4	114.1' RT											1
4604+05.1	57.9' RT			1								
4604+05.4	37.3' RT		1									
4604+06.3	6.5' LT						1					
4604+15.4	1.0' LT										1	
4606+06.0	53.0' RT			1								
4606+06.1	37.2' RT		1									
4606+06.3	6.5' LT						1					
4606+15.5	0.9' RT										1	

STATION	OFFSET	REMOVING			TO BE ADJUSTED				TO BE RECONSTRUCTED	FILLING		STR. TO BE CLEANED
		MANHOLES	CATCH BASINS	INLETS	CB NEW TIF OL	MH NEW TIF CL	FRAMES AND GRATES	DRN. STR. SPECIAL	MH NEW TIF CL	MANHOLES	CATCH BASINS	
4607+36.0	50.0' RT			1								
4607+36.1	37.2' RT		1									
4607+36.3	6.5' LT						1					
4607+45.9	0.8' LT										1	
4607+55.7	115.9' RT											1
4608+16.3	6.5' LT						1					
4608+26.2	37.2' RT										1	
4608+26.4	47.7' RT			1								
4608+26.4	0.9' LT			1								
4608+35.6	47.9' RT			1								
4608+35.9	37.1' RT			1								
4608+36.3	1.0' LT			1								
4608+56.3	6.5' LT											1
4608+70.6	5.6' LT										1	
4608+86.3	5.0' LT										1	
4609+26.3	6.5' LT										1	
4609+76.5	37.2' RT											1
4609+76.5	1.1' LT											1
4609+77.1	48.0' RT			1								
4610+00.3	6.5' RT						1					
4611+05.9	121.6' RT											1
4611+71.3	6.5' LT						1					
4611+82.0	0.8' LT										1	
4611+83.4	48.0' RT			1								
4611+83.5	37.1' RT										1	
4613+94.9	37.1' RT		1									
4613+95.2	1.2' LT		1									
4613+96.3	6.5' LT						1					
4614+24.0	47.0' RT		1									
4616+06.0	120.2' RT											1
4616+66.8	49.8' RT			1								
4617+44.1	1.5' LT										1	
4617+44.2	36.9' RT										1	
4617+44.4	66.0' RT			1								
4617+51.3	6.5' RT						1					
4619+61.3	1.0' LT										1	
4619+71.3	6.5' LT						1					
4619+78.8	36.8' RT			1								
4619+84.5	57.1' RT			1								
4619+96.8	56.9' RT										1	
4621+04.7	119.4' RT											1
4621+74.3	6.5' LT						1					
4621+76.1	49.3' RT			1								
4621+76.3	1.3' LT										1	
4621+91.3	6.2' LT						1					

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	140
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P1R-10		

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ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 DRAINAGE SCHEDULES
 EXISTING DRAINAGE STRUCTURES
 SCALE: 1"=N.T.S.
 DATE: 06/09/06
 DRAWN BY: RR
 CHECKED BY: DDM

DS-09
 2/4/02 PM
 6/22/2006

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	REMOVING			TO BE ADJUSTED				TO BE RECONSTRUCTED	FILLING		STR. TO BE CLEANED
		MANHOLES	CATCH BASINS	INLETS	CB NEW T1F OL	MH NEW T1F CL	FRAMES AND GRATES	DRN. STR. SPECIAL	MH NEW T1F CL	MANHOLES	CATCH BASINS	
4622+99.3	6.5' LT							1				
4623+01.2	59.5' RT			1								
4623+01.4	49.0' RT			1								
4623+06.2	55.1' RT					1						
4623+09.7	6.5' LT						1					
4623+10.8	1.3' LT			1								
4623+11.0	49.2' RT		1									
4623+11.3	59.5' RT		1									
4623+19.6	0.6' LT		1									
4623+19.6	6.5' RT					1						
4623+21.3	55.2' RT									1		
4624+31.8	118.1' RT											1
4624+36.3	6.5' LT					1						
4624+46.0	51.6' RT			1								
4624+46.7	1.3' LT									1		
4626+56.3	6.5' LT					1						
4626+72.4	1.4' LT									1		
4626+95.8	74.6' RT			1								
4627+12.0	73.5' RT		1									
4627+50.7	55.8' RT			1								
4629+07.4	117.1' RT											1
4631+01.3	6.5' LT					1						
4631+03.0	48.0' RT			1								
4631+03.2	1.0' LT		1									
4631+03.5	38.3' RT		1									
4632+58.6	52.1' RT			1								
4632+58.7	1.2' LT									1		
4632+59.0	41.5' RT									1		
4632+66.3	6.5' LT					1						
4634+07.1	116.2' RT											1
4634+11.3	6.5' LT					1						
4634+13.2	1.4' LT		1									
4634+13.5	46.5' RT			1								
4634+41.5	5.1' LT								1			
4635+41.3	5.3' LT						1					
4635+68.8	52.3' RT									1		
4635+69.4	1.5' LT			1								
4636+36.3	5.3' LT					1						
4636+48.1	5.3' LT					1						
4636+49.0	65.4' RT			1								
4636+51.1	54.9' RT			1								
4636+51.5	1.4' LT			1								
4636+54.5	61.1' RT							1				
4636+54.5	61.1' RT	1										
4636+59.7	65.8' RT		1									
TOTALS		10	114	96	2	25	88	12	4	7	61	14

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	REMOVING			TO BE ADJUSTED				TO BE RECONSTRUCTED	FILLING		STR. TO BE CLEANED
		MANHOLES	CATCH BASINS	INLETS	CB NEW T1F OL	MH NEW T1F CL	FRAMES AND GRATES	DRN. STR. SPECIAL	MH NEW T1F CL	MANHOLES	CATCH BASINS	
4636+59.8	55.2' RT										1	
4636+61.7	1.3' LT										1	
4636+71.3	5.3' LT						1					
4636+71.5	61.1' RT									1		
4637+56.9	58.6' RT			1								
4637+57.2	1.4' LT		1									
4637+59.0	115.7' RT											1
4529+69.7	41.3' RT		1									
4529+76.4	36.0' RT			1								
4532+61.4	73.9' RT								1			
4562+61.4	49.9' RT											
TOTALS		10	114	96	2	25	88	12	4	7	61	14

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	141
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1PIR-10		

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ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE SCHEDULES
EXISTING DRAINAGE STRUCTURES
SCALE: 1"=N.T.S. DRAWN BY: RR
DATE: 06/09/06 CHECKED BY: DDM

DS-10
6/23/2006 11:30:26 AM

PROPOSED DRAINAGE STRUCTURES

STR. NO.	STATION	OFFSET		RIM (FT)	STRUCTURE TYPE						MANHOLE TY A 4' DIA T1 F CL	TEMPORARY SOIL RETENTION SYSTEM (SQ FT)	INVERT ELEVATIONS				ROCK EXCAVATION FOR STRUCTURES (CU YD)
					CATCH BASIN								NORTH (FT)	SOUTH (FT)	EAST (FT)	WEST (FT)	
					TY A 4' DIA T1 F OL	TY A 4' DIA T8 GRATE	TY A 4' DIA T20 F&G	TY A 4' DIA T24 F&G	TYPE C T20 F&G	TYPE C T24 F&G							
17-01	4474+86.59	3.31	LT	-1.88			1					327				-7.63	-
17-02	4476+61.12	3.48	LT	-0.23			1					318				-5.73	-
17-03	4476+77.83	39.00	RT	0.24				1				-	-5.53 (NE)			-5.53 (SW)	-
17-04	4477+22.00	45.00	RT	0.47				1				-		-5.33			-
17-05	4478+88.96	3.53	LT	2.19			1					340				-3.92	-
17-06	4478+89.27	45.00	RT	2.25						1		266				-3.55	-
18-01	4481+15.00	44.51	RT	4.68						1		258				-0.90	-
18-02	4481+31.58	3.58	LT	4.77			1					342	-1.41		-1.41 (SE)	-1.41	-
18-03	4481+90.73	45.00	RT	5.47						1		240				0.38	-
18-04	4481+90.73	3.60	LT	5.40			1					333		-0.53	-0.53		-
18-05	4483+65.99	45.00	RT	7.33						1		269				1.45	-
18-06	4483+67.48	3.64	LT	7.26			1					343			1.06	1.06	-
19-01	4486+04.36	40.61	RT	9.93						1		269				4.05	-
19-02	4486+04.36	3.69	LT	9.67			1					329	3.86 (NE)		3.86	3.86	-
19-03	4486+56.30	39.68	RT	10.32						1		277				4.20	-
20-01	4489+76.58	58.44	RT	10.12			1					326				4.41	-
20-02	4489+76.58	3.77	LT	10.24			1					352				3.79	-
20-03	4491+55.66	54.86	RT	8.72			1					349	2.36				-
20-04	4492+09.89	53.78	RT	8.18			1					-	1.82	1.82		1.82	-
20-05	4492+55.13	52.87	RT	7.74			1					-		2.02			-
20-06	4492+11.20	3.82	LT	8.19			1					359			1.56	1.56	-
21-01	4494+61.87	48.74	RT	5.72			1					-				-0.01	-
21-02	4494+64.58	3.87	LT	5.60			1					339			-0.49	-0.49	-
21-03	4496+61.58	44.74	RT	3.76			1					-				-1.90	-
21-04	4496+61.58	3.91	LT	3.59			1					326			-2.14	-2.14	-
22-01	4498+94.23	43.27	RT	1.36				1				-				-4.42	-
22-02	4498+90.58	3.99	LT	1.25			1					339			-4.84	-4.84	-
22-03	4500+86.10	43.40	RT	-0.61				1				-				-7.75	-
22-04	4500+89.44	5.32	LT	-0.82			1					387	-8.24		-8.24	-8.24	-
22-05	4501+60.12	40.93	RT	-1.24			1					-				-7.09	-
22-06	4501+60.04	3.43	LT	-1.47			1					338		-7.53	-7.53		-
22-07	4502+90.56	40.56	RT	-2.42				1				-	-8.21				-
23-01	4503+60.38	47.00	RT	-2.90				1				-	-8.56	-8.56			-
23-02	4503+70.38	47.00	RT	-2.91				1				-	-8.61	-8.61		-8.61	-
23-06	4503+80.38	47.00	RT	-2.90				1				-		-8.56			-
23-07	4504+36.85	47.00	RT	-2.75				1				-				-8.50	-
23-10	4506+43.05	47.00	RT	-0.38				1				-				-6.03	-
23-12	4507+35.89	50.72	RT	0.92			1					-				-4.78	-
24-02	4508+37.82	56.17	RT	2.27			1					-				-3.45	-
24-04	4510+64.88	68.31	RT	5.49			1					327				-0.26	-
24-05	4510+59.28	43.52	RT	5.78	1							-			-0.38	-0.38	-
24-06	4510+48.45	4.48	LT	5.31			1					333			-0.62	-0.62	-
24-07	4512+42.16	77.78	RT	7.82			1					323	2.17				-
25-02	4513+13.36	47.66	RT	8.79	1							-			1.83 (SE)	1.09	-
26-01	4517+79.26	47.00	RT	8.75				1				-				2.71	0.0
26-03	4520+40.82	47.00	RT	5.70				1				-				-0.16	2.3
27-01	4523+56.00	47.00	RT	-1.77				1				-				-7.64	7.3
27-03	4525+04.00	47.00	RT	-5.56				1				-				-11.33	2.8
27-05	4526+52.00	47.00	RT	-7.87				1				-				-13.63	2.1
28-01	4528+00.00	55.43	RT	-8.84			1					-				-14.93	1.5
28-02	4528+00.00	47.00	RT	-8.73			1					-			-14.97	-14.97	1.5
28-03	4528+30.00	47.79	RT	-8.77			1					-	-14.83	-14.83			1.4
28-04	4528+40.00	48.22	RT	-8.78			1					-	-14.78	-14.78			1.3
28-05	4528+50.00	48.58	RT	-8.78			1					-	-14.73	-14.73			1.3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	142
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		* (2021-922 PT2 ETC 2324.6-IP) R-10		

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CONTINUED ON NEXT SHEET

CTE | AECOM

REVISIONS	
NAME	DATE

DS-11
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE SCHEDULES
PROPOSED DRAINAGE STRUCTURES
 SCALE: NONE
 DATE: June 9, 2006
 DRAWN BY: NJH
 CHECKED BY: XXX

4:40:09 PM 6/8/2006

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	143
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301		* (2021-922 PT2 ETC 2324.6-1PIR-10		

SCHEDULE OF DRAINAGE STRUCTURES

STR. NUMBER	STATION	OFFSET	RIM ELEV.	CATCH BASIN						MANHOLE TA 4 DIA TIF CL	INVERT ELEVATIONS	TEMP. SOIL RET. SYS.	ROCK EXCAVATION
				TA 4 DIA TIF OL	TA 4 DIA T8G	TA 4 DIA T20F&G	TA 4 DIA T24F&G	TC T20F&G	TC T24F&G				
29-01	4531+10.00	47.0' RT	-5.79			1					-11.64SE, -11.54NE,		
29-02	4531+25.00	47.0' RT	-5.45			1					-11.4SW,		
29-03	4532+35.00	47.0' RT	-2.43			1					-8.76NE, -7.56SE,		
29-04	4533+60.00	47.0' RT	1.11			1					-10.11NW, -10.01SW,		
29-05	4529+70.00	47.0' RT	-7.90			1					-13.1SW,		
29-06	4529+77.50	51.0' RT	-5.97		1						-12.92SW,		
29-07	4535+27.50	51.0' RT	5.63		1						-7.48NW,		
30-01	4534+90.00	45.0' RT	2.84			1					-2.66NW, 0E,		
30-02	4536+27.76	76.9' RT	13.59			1					8.42NW,		
30-03	4536+26.82	57.0' RT	13.56			1					3.02NW, 8.22SE,		
30-04	4536+26.50	47.0' RT	7.89			1					-1.63NW, 2.77SE,		
30-05	4537+37.24	74.8' RT	12.26			1					1.77NW,		
30-06	4337+37.07	54.8' RT	11.65			1					0.17NW, 1.57SE,		
30-07	4537+30.00	47.0' RT	10.00			1					-0.2NW, -0.1SE,		
30-08	4537+40.98	3.0' LT	8.06	1							1.73W,		
30-09	4537+65.87	74.5' RT	12.16			1					6.55NE,		
30-10	4537+65.62	54.5' RT	11.41			1					6.25NE,		
30-11	4537+86.45	74.2' RT	12.14			1					6.23NW, 6.33SW, 6.33NE,		
30-12	4537+86.15	54.2' RT	11.39			1					5.93N, 6.03SW, 5.78NE, 6.03SE,		
30-13	4538+01.18	74.0' RT	12.15			1					6.49SW,		
30-14	4538+00.84	54.0' RT	11.40			1					5.68SW, 5.78,		
30-15	4538+37.45	73.2' RT	12.29			1					6.54NW, 6.64NE,		
30-16	4538+37.03	53.2' RT	11.54			1					6.24W, 6.34SE,		
30-17	4538+35.00	45.0' RT	11.32			1					4.57NW, 5.17S, 6.17E,		
30-18	4538+35.57	4.8' LT	9.20	1							0.25NW, 4.05SE,		
30-19	4538+56.55	72.7' RT	12.43			1					6.84SW,		
30-20	4535+60.00	56.0' RT	7.13						1		-7.55SW, -7.45NE,		
30-21	4537+17.81	61.3' RT	12.02						1		-6.6NE, -6.6SW,		
30-22	4534+87.70	73.9' RT	16.47						1		-7.28NW, -7.18NE,		
31-01	4539+47.35	69.8' RT	13.18			1					7.44NW, 7.94NE,		
31-02	4539+45.00	45.0' RT	12.38	1							5.49NW, 7.19SE,		
31-03	4539+43.00	6.7' LT	10.13	1							2.28NW, 4.98SE,		
31-04	4539+61.70	69.3' RT	13.28			1					8.09SW,		
31-05	4540+43.10	65.6' RT	13.71			1					8.05W, 8.15N,		
31-06	4540+45.00	42.8' RT	12.96	1							6.02W, 7.82E,		
31-07	4540+40.38	8.5' LT	10.64	1							0.41W, 5.51E,		
31-08	4540+95.86	62.7' RT	13.86			1					8.7S,		
31-09	4541+70.00	58.2' RT	13.91			1					6.47W, 8.27N,		
31-10	4542+00.00	56.2' RT	13.75			1					8.58S,		
31-11	4542+70.00	53.0' RT	12.98			1					5.76W,		
31-12	4543+65.00	53.0' RT	11.87			1					5.41W,		
32-01	4544+55.00	53.0' RT	10.51			1					4.71W,		
32-02	4545+68.67	53.0' RT	8.48			1					2.34W,		
32-03	4547+13.17	65.1' RT	5.53			1					0.23N,		
32-04	4547+28.11	66.4' RT	5.27			1					-0.02W, 0.08S, 0.08NE,		

CONTINUED ON NEXT SHEET

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NAME	DATE
REVISED	6/22/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD-BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE SCHEDULES
PROPOSED STRUCTURES
SCALE: 1"=N.T.S.
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

DS-12
6/22/2006 1:40:06 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	565	144
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301 • (2021-922 PT2 ETC 2324.6-1PIR-10)				

SCHEDULE OF DRAINAGE STRUCTURES

STR. NUMBER	STATION	OFFSET	RIM ELEV.	CATCH BASIN						MANHOLE TA 4 DIA TIF CL	INVERT ELEVATIONS	TEMP. SOIL RET. SYS.	ROCK EXCAVATION
				TA 4 DIA TIF OL	TA 4 DIA T8G	TA 4 DIA T20F&G	TA 4 DIA T24F&G	TC T20F&G	TC T24F&G				
32-05	4548+37.69	76.0' RT	3.69			1					-1.9N,		
32-06	4548+72.56	79.0' RT	3.47			1					-2.35N, -2.25S,		
32-07	4548+93.36	80.8' RT	3.44			1					-2.66W, -2.56S, -2.56N, -1.96SE,		
32-08	4548+95.10	60.9' RT	3.82			1					-4.96W, -2.86E, -4.96SE,		
32-09	4547+35.18	71.0' RT	6.99		1						0.17SW,		
32-10	4548+85.16	84.1' RT	5.28		1						-1.67NW,		
33-01	4549+07.43	82.1' RT	3.45			1					-2.42S, -2.32N,		
33-02	4549+57.24	86.4' RT	3.76			1					-1.82S,		
33-03	4550+61.84	95.6' RT	5.71			1					-5.67NW, 0.53SE,		
33-04	4551+05.00	52.4' RT	-0.36			1					-7.71W, -7.31SE,		
33-05	4551+85.00	50.8' RT	-0.33			1					-7.17W,		
33-06	4550+65.00	53.0' RT	-1.62			1					-6.84N, -6.74E,		
33-07	4550+02.00	63.0' RT	3.88						1		-4.4N, -4.4S,		
33-08	4550+54.02	98.9' RT	5.27		1						0.61NW,		
34-01	4554+00.00	46.9' RT	-4.52			1					-10.06W, -9.96N,		
34-02	4554+15.00	47.1' RT	-4.65			1					-9.81S,		
34-03	4555+13.00	48.0' RT	-5.12			1					-11.45N,		
34-04	4555+28.06	48.2' RT	-5.14			1					-11.7W, -11.6S, -11.6N,		
34-05	4555+43.00	48.1' RT	-5.13			1					-11.45S, -11.35N,		
34-06	4555+66.00	48.2' RT	-5.09			1					-11.12S,		
34-07	4555+95.00	48.2' RT	-4.99			1					-10.39W,		
34-08	4556+85.00	47.7' RT	-4.30			1					-9.9W,		
34-09	4558+30.00	47.0' RT	-2.55			1					-8.03W,		
35-01	4560+30.71	105.7' RT	8.21			1					-5.59W,		
35-02	4560+25.00	47.0' RT	-0.75			1					-7.16W, -7.06E,		
35-03	4562+79.22	78.4' RT	-0.52			1					-8.79NW,		
35-04	4563+18.96	74.2' RT	-1.16			1					-9.29SW, -9.19SE, -9.19NW,		
35-05	4563+16.96	54.3' RT	-0.78			1					-9.59SW, -9.49NE,		
35-06	4563+15.00	47.0' RT	-0.83			1					-9.76W, -9.66NE,		
35-07	4563+93.60	67.6' RT	-1.87			1					-8.44SE,		
35-08	4561+78.00	107.0' RT	8.88						1		-6N, -6SW,		
36-01	4564+93.33	62.0' RT	-2.81			1					-8.75N,		
36-02	4565+22.29	61.0' RT	-3.10			1					-9.15W, -9.05S,		
36-03	4566+82.34	59.6' RT	-4.86			1					-9.97N,		
36-04	4567+08.27	58.8' RT	-5.02			1					-10.33W, -10.23S,		
36-05	4567+73.23	56.6' RT	-5.20			1					-10.64N,		
36-06	4567+89.94	56.0' RT	-5.20			1					-10.9W, -10.8S, -10.8N,		
36-07	4568+05.00	55.5' RT	-5.18			1					-10.65S,		
36-08	4568+45.00	55.0' RT	-5.09			1					-10.86W,	4.27	
37-01	4569+55.40	55.0' RT	-4.21			1					-9.88N,	4.48	
37-02	4570+45.44	57.1' RT	-2.88			1					-10.88W, -10.78S, -10.78N, FALSE	5.99	
37-03	4571+45.26	63.1' RT	-1.33			1					-9.78S,		
37-04	4572+50.06	69.5' RT	-0.02			1					-6.64W, -6.54NE,		
37-05	4572+65.04	70.4' RT	0.14			1					-6.39S,		
37-06	4572+95.00	49.8' RT	0.80	1							-5.03N,		

CONTINUED ON NEXT SHEET

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NAME	DATE
REVISED	6/23/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE SCHEDULES
PROPOSED STRUCTURES
SCALE: 1"=N.T.S.
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

DS-13

6/23/2006 10:42:28 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	145
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62301 • (2021-922 PT2 ETC 2324.6-1PR-10

SCHEDULE OF DRAINAGE STRUCTURES

STR. NUMBER	STATION	OFFSET	RIM ELEV.	CATCH BASIN						MANHOLE TA 4 DIA T1F CL	INVERT ELEVATIONS	TEMP. SOIL RET. SYS.	ROCK EXCAVATION
				TA 4 DIA T1F OL	TA 4 DIA T8G	TA 4 DIA T20F&G	TA 4 DIA T24F&G	TC T20F&G	TC T24F&G				
37-07	4573+54.87	75.8' RT	0.86			1					-5.24W,		
37-08	4573+56.08	55.9' RT	1.24			1					-5.54W, -5.44E,		
37-09	4573+55.00	46.9' RT	1.26			1					-5.73N, -5.63S, -5.63E,		
38-01	4574+19.75	79.8' RT	1.19			1					-5.62NW, -5.52NE,		
38-02	4574+25.00	47.8' RT	1.40			1					-6.53W, -6.43S, -6.43SE,		
38-03	4574+99.53	85.2' RT	1.45			1					-4.72SW, -4.62NW,		
38-04	4575+00.99	65.2' RT	1.83			1					-4.42SE,		
38-05	4576+14.23	93.5' RT	1.79			1					-6.07W, -5.97NE,		
38-06	4576+15.00	47.0' RT	0.82			1					-7.33W, -7.23E,		
38-07	4576+29.19	94.6' RT	1.84			1					-5.82SW,		
38-08	4577+58.85	104.0' RT	2.23			1					-8.75W, -8.65NE,		
38-09	4577+56.00	47.0' RT	-0.70			1					-10.28W, -10.18E, -6NE, -5.88SE,		
38-10	4577+73.81	105.1' RT	2.27			1					-8.5SW, -8.4NW,		
38-11	4577+75.26	85.2' RT	2.65			1					-8.2SE,		
38-12	4578+05.00	55.2' RT	-0.06						1		-5.5S,		
38-13	4577+48.50	51.0' RT	-0.59		1						-5.79NW,		
39-01	4579+65.00	47.0' RT	-4.42			1					-11.64W,		
39-02	4581+45.00	47.0' RT	-6.11			1					-11.36W,		
39-03	4581+75.00	47.0' RT	-6.17			1					-13.62W, -13.37N,		
39-04	4581+87.53	47.0' RT	-6.17			1					-13.24S, -13.14N,		
39-05	4582+05.00	47.0' RT	-6.18			1					-12.97S,		
39-06	4583+25.78	48.2' RT	-5.44			1					-10.68W, -10.58NE,		
39-07	4583+33.42	52.6' RT	-3.63		1						-10.49NE,		
40-01	4584+36.53	55.9' RT	-4.03			1					-10.47W, -10.37NE,		
40-02	4585+27.18	63.8' RT	-2.15			1					-9.46NW, -9.36SW,		
40-03	4585+30.00	41.2' RT	-1.73	1							-9.13SE,		
40-04	4586+16.84	71.7' RT	-0.13			1					-5.38NW, -5.28NE,		
40-05	4586+20.00	48.5' RT	0.19	1							-5.71W, -5.61E,		
40-06	4586+52.70	74.8' RT	0.72			1					-4.92SW, -4.82NW,		
40-07	4586+54.44	54.9' RT	1.10			1					-4.62SE, -4.52W,		
40-08	4586+55.00	47.0' RT	0.77			1					-4.44E,		
40-09	4588+20.00	47.0' RT	4.24			1					-0.9W,		
41-01	4589+42.00	47.0' RT	6.38			1					0.95N,		
41-02	4590+10.00	47.0' RT	7.41			1					0.17W, 0.27S,		
41-03	4591+85.00	47.0' RT	9.56			1					4.38W,		
41-04	4593+35.00	47.0' RT	10.81			1					5.68W,		
42-01	4594+45.00	47.0' RT	11.38			1					5.74W,		
42-02	4597+75.00	47.0' RT	11.32			1					5.8W,		
42-03	4598+75.00	47.0' RT	10.78			1					5.59W,		
43-01	4600+25.00	47.0' RT	9.52			1					2.98W, 3.08N,		
43-02	4600+65.05	52.9' RT	8.86			1					3.65W,		
43-03	4600+64.00	47.0' RT	9.10			1					3.5S, 3.6E,		
43-04	4602+09.72	63.0' RT	6.83			1					1.65W,		
44-01	4604+04.66	58.1' RT	3.77			1					-4.48W, -4.38N,		
44-02	4605+04.62	55.6' RT	1.77			1					-3.38S,		

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ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE SCHEDULES
PROPOSED STRUCTURES
SCALE: 1"=N.T.S.
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

DS-14

6/22/2006 6:55:58 PM

SCHEDULE OF DRAINAGE STRUCTURES

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	146
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301 • (2021-922 PT2 ETC 2324.6-IPR-10)				

STR. NUMBER	STATION	OFFSET	RIM ELEV.	CATCH BASIN						MANHOLE TA 4 DIA T1F CL	INVERT ELEVATIONS	TEMP. SOIL RET. SYS.	ROCK EXCAVATION
				TA 4 DIA T1F OL	TA 4 DIA T8G	TA 4 DIA T20F&G	TA 4 DIA T24F&G	TC T20F&G	TC T24F&G				
44-03	4606+04.59	53.1' RT	0.06			1					-5.14W,		
44-04	4607+19.56	50.3' RT	-1.22			1					-6.45N,		
44-05	4607+34.55	49.9' RT	-1.33			1					-6.7W, -6.6S,		
44-06	4608+14.54	48.2' RT	-1.73			1					-7.04W,		
44-07	4608+54.55	48.2' RT	-1.83			1					-6.91N,		
44-08	4608+70.57	48.2' RT	-1.85			1					-7.17W, -7.07S, -7.07N,		
44-09	4608+85.00	48.2' RT	-1.85			1					-6.93S,		
45-01	4609+85.00	48.2' RT	-1.51			1					-7.62W, -7.52N,		
45-02	4610+00.00	47.3' RT	-1.40			1					-7.37S,		
45-03	4611+42.84	47.0' RT	-0.14			1					-6.28N,		
45-04	4611+70.00	47.0' RT	0.12			1					-6.65W, -6.55S,		
45-05	4613+96.00	47.0' RT	2.09			1					-3.36W, -3.26N,		
46-01	4614+24.00	47.0' RT	2.23			1					-2.98S,		
46-02	4616+60.00	47.0' RT	2.18			1					-2.99NE,		
46-03	4616+66.07	52.9' RT	2.15			1					-3.17E, -3.07SW,		
46-04	4616+67.92	72.8' RT	1.77			1					-3.47N, -3.37W,		
46-05	4617+52.57	66.4' RT	1.17			1					-4.42W, -4.32S,		
46-06	4618+52.42	62.4' RT	0.29			1					-7.31N, -4.91SE,		
46-07	4618+45.05	66.7' RT	2.20		1						-4.83NW,		
47-01	4619+57.36	58.9' RT	-0.81			1					-8.46N, -8.36S,		
47-02	4619+72.37	59.0' RT	-0.99			1					-8.71W, -8.61S,		
47-03	4620+88.43	59.0' RT	-2.35			1					-15.18W,		
47-04	4621+77.48	59.0' RT	-3.38			1					-8.57N,		
47-05	4621+92.49	59.0' RT	-3.52			1					-8.82W, -8.72S, -8.72NE,		
47-06	4623+00.00	59.0' RT	-4.03			1					-9.49N,		
47-07	4623+09.70	59.0' RT	-4.03			1					-9.68W, -9.58S, -9.58N, -9.28NE,		
47-08	4623+25.00	59.0' RT	-4.02			1					-9.43S,		
47-09	4622+00.01	63.0' RT	-1.96		1						-8.63NE,		
47-10	4623+17.50	63.0' RT	-2.15		1						-9.2SW,		
48-01	4624+34.17	59.0' RT	-3.43			1					-8.78W, -8.68N,		
48-02	4624+49.23	59.0' RT	-3.26			1					-8.53S, -8.43N,		
48-03	4625+39.36	61.4' RT	-2.25			1					-7.53S, -7.43N,		
48-04	4625+54.30	62.8' RT	-2.11			1					-7.28S, -7.18NE,		
48-05	4626+53.92	71.5' RT	-1.12			1					-7.06W, -6.96NE,		
48-06	4626+94.77	75.0' RT	-0.68			1					-6.55SW, -5.39N,		
48-07	4628+08.34	85.0' RT	0.64			1					-4.27NE,		
48-08	4628+23.29	86.2' RT	0.90			1					-4.42W, -4.42SW,		
48-09	4628+24.98	66.3' RT	1.28			1					-4.39E, -4.29NW,		
48-10	4628+25.00	58.3' RT	0.56			1					-4.21SE,		
48-11	4625+61.43	67.4' RT	-0.20		1						-7.1SW,		
49-01	4631+00.00	59.0' RT	-0.25			1					-5.39W,		
49-02	4632+65.00	59.0' RT	-1.86			1					-7.02W,		
50-01	4634+10.00	59.0' RT	-3.26			1					-8.46W,		
50-02	4635+40.00	61.5' RT	-4.49			1					-9.82W, -9.72SE,		
50-03	4636+35.00	66.3' RT	-4.96			1					-10.76N,		
50-04	4636+48.13	66.3' RT	-4.95			1					-11W, -10.9S, -10.9N,		
50-05	4636+70.00	66.3' RT	-4.91			1					-10.68S, -10.58N,		
50-06	4637+61.00	68.4' RT	-4.45			1					-9.67S,		
50-07	4637+60.00	5.1' LT	-4.22			1					-8.43NW,	162	
50-08	4635+32.50	65.3' RT	-2.74		1						-9.64SE,		
TOTALS				11	12	188	15	5	1	6		8173	36.2

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com

REVISIONS	
NAME	DATE
REVISED	6/22/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD-BLVD TO 31ST STREET (NB LOCAL LANES)
**DRAINAGE SCHEDULES
PROPOSED STRUCTURES**
SCALE: 1"=N.T.S. DRAWN BY: JAM
DATE: 06/09/06 CHECKED BY: DDM

6/22/2006 6:41 PM DS-15

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	147
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS		FED. AID PROJECT	
62301	* (2021-922 PT2 ETC 2324.6-1P) R-10			

PROPOSED STORM SEWERS

UPSTREAM STRUCTURE NUMBER	INVERT ELEV	DOWNSTREAM STRUCTURE NUMBER	INVERT ELEV	PIPE DIAMETER (IN)	PIPE SLOPE (%)	PIPE TYPE			TRENCH BACKFILL (CU YD)	ROCK EXCAVATION FOR STRUCTURES (CU YD)
						SS CL A TYPE 2 12"	SS CL A TYPE 2 15"	SS WMOP 12"		
17-01	-7.63	19-15	-7.64	12	0.50	1			1.2	-
17-02	-5.73	19-03	-5.74	12	0.50	2			2.1	-
17-03	-5.53	17-02	-5.73	12	0.44	46			5.9	-
17-04	-5.33	17-03	-5.53	12	0.44	45			6.5	-
17-05	-3.92	20-12	-3.93	12	1.00	1			0.8	-
17-06	-3.55	17-05	-3.92	12	0.75	49			7.9	-
18-02	-1.41	20-13	-1.43	12	1.00	2			0.7	-
18-01	-0.90	18-02	-1.41	12	1.00	51			7.9	-
18-04	-0.53	18-02	-1.41	12	1.50	59			10.2	-
18-03	0.38	18-04	-0.53	12	1.85			49	5.6	-
18-06	1.06	20-11	1.04	12	1.00	2			0.5	-
18-05	1.45	18-06	1.06	12	0.80	49			8.4	-
19-02	3.86	21-04	3.85	12	0.50	2				-
19-01	4.05	19-02	3.86	12	0.44	44			6.6	-
19-03	4.20	19-02	3.86	12	0.50	68			11.1	-
20-02	3.79	21-07	3.77	12	1.00	2				-
20-01	4.41	20-02	3.79	12	1.00	62			10.8	-
20-06	1.56	22-05	1.55	12	0.50	2				-
20-04	1.82	20-06	1.56	12	0.44	58			12.7	-
20-03	2.36	20-04	1.82	12	1.00	54			11.0	-
20-05	2.02	20-04	1.82	12	0.44	45			7.7	-
21-02	-0.49	22-11	-0.51	12	1.00	2				-
21-01	-0.01	21-02	-0.49	12	0.90	53			8.3	-
21-04	-2.14	23-02	-2.16	12	1.00	2				-
21-03	-1.90	21-04	-2.14	12	0.50	49			6.6	-
22-02	-4.84	23-06	-4.86	12	1.00	2				-
22-01	-4.42	22-02	-4.84	12	0.90	47			7.5	-
22-04	-8.24	23-11	-8.26	12	1.00	2			0.7	-
22-03	-7.75	22-04	-8.24	12	1.00	49			14.7	-
22-06	-7.53	22-04	-8.24	12	1.00	71			17.3	-
22-05	-7.09	22-06	-7.53	12	1.00	44			7.1	-
23-02	-8.61	24-52	-8.83	12	0.44	51			56.1	-
23-06	-8.56	23-02	-8.61	12	0.50	10			1.3	-
23-01	-8.56	23-02	-8.61	12	0.50	10			1.3	-
22-07	-8.21	23-01	-8.56	12	0.50	70			9.6	-
23-07	-8.50	24-53	-9.02	12	1.00	52			58.1	-
23-10	-6.03	24-55	-6.31	12	0.50	56			50.0	-
23-12	-4.78	24-56	-5.34	12	1.00	56			45.9	-
24-02	-3.45	25-50	-3.91	12	0.75	61			47.8	-
24-06	-0.62	25-05	-0.63	12	0.50	2			0.7	-
24-05	-0.38	24-06	-0.62	12	0.50	49			8.4	-
24-04	-0.26	24-05	-0.38	12	0.50	25			4.1	-
25-02	1.09	25-53	0.58	15	1.00		51		19.4	-
24-07	2.17	25-02	1.83	12	0.44	77			15.3	-
26-01	2.71	26-02	2.53	15	0.32		56		9.8	-
26-03	-0.16	27-01	-0.41	12	0.50	51				-
27-01	-7.64	27-13	-8.12	12	0.50	97				52.2
27-03	-11.33	27-50	-11.81	12	0.50	95			4.4	-
27-05	-13.63	28-50	-13.99	12	0.50	72			8.1	-
28-02	-14.97	28-51	-15.30	12	0.50	66			13.6	-
28-03	-14.83	28-02	-14.97	12	0.50	29			5.3	-
28-04	-14.78	28-03	-14.83	12	0.50	10			1.7	-
28-05	-14.73	28-04	-14.78	12	0.50	10			1.6	-
28-01	-14.93	28-02	-14.97	12	0.50	8			1.5	-

CONTINUED ON NEXT SHEET

CTE | AECOM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

DRAINAGE SCHEDULES
 PROPOSED STORM SEWER PIPES

SCALE: NONE
 DATE: June 9, 2006

DRAWN BY: NJH
 CHECKED BY: XXX

DS-16

P:\040468\dwg\18\18-01.dwg 18 & 19-15-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	148
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	62301 • I2021-922 PT2 ETC 2324.6-1PR-10	

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 2, 12	SS CL A 2, 15	SS WMQP, 12	TRENCH BACKFILL (CU. YD.)	ROCK EXCAVATION
29-04	14-29-09	63.7	12	1.00%	63.7			72.9	
29-03	29-04	121.0	12	1.00%	121.0			84.2	
29-07	29-03	4.5	12	1.00%	4.5			2.2	
29-05	14-28-14	73.7	12	1.00%	73.7			17.3	
29-02	29-01	10.5	12	1.00%	10.5			1.3	
29-01	29-05	131.6	12	1.00%	131.6			14.6	
29-06	29-05	4.3	12	1.00%	4.3			0.4	
30-01	14-29-14	64.0	12	1.00%	64.0			11.0	
30-04	14-30-01	68.6	12	1.00%	68.6			29.1	
30-03	30-04	6.0	12	2.50%	6.0			1.5	
30-02	30-03	18.0	12	1.00%	18.0			1.4	
30-07	14-30-05	73.5	12	1.00%	73.5			52.5	
30-06	30-07	6.7	12	2.50%	6.7			5.2	
30-05	30-06	18.0	12	1.00%	18.0			15.6	
30-08	14-30-05	24.5	12	1.00%	24.5			3.2	
30-18	14-30-09	25.3	12	1.00%	25.3			10.0	
30-17	30-18	48.8	12	1.00%	48.8			7.6	
30-14	30-17	47.0	12	1.00%	47.0			7.2	
30-10	30-12	17.3	12	1.00%	17.3			1.4	
30-12	30-14	11.2	12	1.00%	11.2			1.1	
30-11	30-12	18.0	12	1.00%	18.0			2.1	
30-09	30-11	17.6	12	1.00%	17.6			2.2	
30-13	30-11	11.5	12	1.00%	11.5			1.4	
30-16	30-17	2.6	12	1.00%	2.6			0.1	
30-15	30-16	18.0	12	1.00%	18.0			1.8	
30-19	30-15	16.0	12	1.00%	16.0			1.8	
31-03	14-30-14	27.7	12	1.00%	27.7			8.0	
31-02	31-03	47.7	12	1.00%	47.7			7.8	
31-01	31-02	22.0	12	1.00%	22.0			2.2	
31-04	31-01	11.0	12	1.00%	11.0			0.8	
31-07	14-30-17	30.6	12	1.00%	30.6			25.2	
31-06	31-07	47.5	12	1.00%	47.5			7.8	
31-05	31-06	19.9	12	1.00%	19.9			1.9	
31-08	31-05	51.1	12	1.00%	51.1			4.9	
31-09	14-30-22	70.1	12	1.00%	70.1			13.6	
31-10	31-09	27.2	12	1.00%	27.2			2.7	
31-11	14-31-01	60.6	12	1.00%	60.6			11.1	
31-12	14-31-04	58.2	12	1.00%	58.2			8.6	
32-01	14-31-06	57.5	12	1.00%	57.5			6.2	
32-02	14-31-11	57.9	12	1.00%	57.9			9.9	
32-04	14-31-16	71.3	12	1.00%	71.3			9.3	
32-03	32-04	11.0	12	1.00%	11.0			0.8	
32-09	32-04	4.5	12	1.00%	4.5			0.5	
32-08	14-32-01	66.0	15	0.35%		66.0		29.1	
32-07	32-08	18.0	15	1.00%		18.0		3.3	

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 2, 12	SS CL A 2, 15	SS WMQP, 12	TRENCH BACKFILL (CU. YD.)	ROCK EXCAVATION
32-06	32-07	16.9	12	1.00%	16.9			2.4	
32-05	32-06	31.0	12	1.00%	31.0			3.8	
32-10	32-07	4.8	12	1.00%	4.8			0.6	
33-01	32-07	10.1	12	1.00%	10.1			1.3	
33-02	33-01	46.0	12	1.00%	46.0			5.9	
33-04	14-32-05	56.9	12	1.00%	56.9			18.5	
33-06	33-04	43.0	12	1.00%	43.0			7.3	
33-03	33-06	39.7	12	2.50%	39.7			15.3	
33-08	33-03	4.5	12	1.00%	4.5			0.2	
33-05	14-32-09	55.3	12	1.00%	55.3			11.5	
34-02	34-01	11.0	12	1.00%	11.0			0.9	
34-01	14-32-13	51.5	12	1.00%	51.5			7.0	
34-04	14-33-07	52.8	15	1.00%		52.8		12.9	
34-03	34-04	11.0	12	1.00%	11.0			1.9	
34-05	34-04	10.9	12	1.00%	10.9			1.9	
34-06	34-05	18.9	12	1.00%	18.9			3.1	
34-07	14-33-14	51.4	12	1.00%	51.4			6.6	
34-08	14-33-18	52.2	12	1.00%	52.2			7.6	
34-09	14-33-22	51.6	12	1.00%	51.6			6.7	
35-02	14-34-01	51.6	12	1.00%	51.6			6.9	
35-01	35-02	55.9	12	2.50%	55.9			49.9	
35-06	14-34-05	51.5	12	1.00%	51.5			38.5	
35-05	35-06	3.5	12	1.00%	3.5			1.3	
35-04	35-05	18.0	12	1.00%	18.0			6.9	
35-03	35-04	36.0	12	1.00%	36.0			13.5	
35-07	35-04	70.9	12	1.00%	70.9			21.0	
36-02	14-34-10	65.8	12	1.00%	65.8			13.9	
36-01	36-02	26.0	12	1.00%	26.0			3.9	
36-04	14-35-01	63.3	12	1.00%	63.3			8.2	
36-03	36-04	22.0	12	1.00%	22.0			1.6	
36-06	14-35-08	60.6	12	1.00%	60.6			10.1	
36-05	36-06	12.7	12	1.00%	12.7			1.3	
36-07	36-06	11.1	12	1.00%	11.1			1.1	
36-08	14-35-15	59.6	12	1.00%	59.6			10.3	18.54
37-02	14-35-20	61.6	12	1.00%	61.6			24.5	25.96
37-01	37-02	86.1	12	1.00%	86.1			21.0	29.91
37-03	37-02	96.0	12	1.00%	96.0			37.3	38.12
37-04	14-36-01	74.0	12	1.00%	74.0			20.3	
37-05	37-04	11.0	12	1.00%	11.0			2.1	
38-02	EX P	49.8	12	1.00%	49.8			19.0	
37-09	38-02	66.0	12	1.00%	66.0			20.2	
37-06	37-09	56.1	12	1.00%	56.1			11.1	
37-08	37-09	5.0	12	1.00%	5.0			0.9	
37-07	37-08	18.0	12	1.00%	18.0			3.4	
38-01	38-02	29.4	12	2.50%	29.4			8.5	

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 2, 12	SS CL A 2, 15	SS WMQP, 12	TRENCH BACKFILL (CU. YD.)	ROCK EXCAVATION
38-03	38-01	76.0	12	1.00%	76.0			15.8	
38-04	38-03	18.0	12	1.00%	18.0			3.0	
38-06	14-36-08	49.4	12	1.00%	49.4			20.0	
38-05	38-06	43.5	12	2.50%	43.5			15.6	
38-07	38-05	11.0	12	1.00%	11.0			3.2	
38-09	14-36-09	49.4	12	1.00%	49.4			42.1	
38-08	38-09	54.1	12	2.50%	54.1			49.7	
38-10	38-08	11.0	12	1.00%	11.0			9.7	
38-11	38-10	18.0	12	1.00%	18.0			16.9	
38-13	38-09	4.5	12	1.00%	4.5			0.2	
39-01	14-37-01	51.6	12	1.00%	51.6			15.8	
39-02	14-37-06	51.6	12	1.00%	51.6			5.5	
39-03	14-37-10	51.2	15	1.00%		51.2		17.5	
39-04	39-03	8.5	12	1.00%	8.5			2.0	
39-05	39-04	13.5	12	1.00%	13.5			3.1	
39-06	14-37-20	52.7	12	1.00%	52.7			5.5	
39-07	39-06	4.8	12	1.00%	4.8			0.5	
40-01	14-38-01	60.4	12	1.00%	60.4			14.2	
40-02	40-01	87.0	12	1.00%	87.0			21.6	
40-03	40-02	19.8	12	1.00%	19.8			5.5	
40-05	14-38-05	52.0	12	1.00%	52.0			8.6	
40-04	40-05	20.4	12	1.00%	20.4			2.2	
40-06	40-04	32.0	12	1.00%	32.0			3.1	
40-07	40-06	18.0	12	1.00%	18.0			2.1	
40-08	40-07	3.9	12	1.00%	3.9			0.2	
40-09	14-38-09	51.6	12	1.00%	51.6			5.0	
41-02	14-39-01	51.6	12	1.00%	51.6			16.0	
41-01	41-02	64.0	12	1.00%	64.0			12.3	
41-03	14-39-05	51.6	12	1.00%	51.6			6.0	
41-04	14-39-09	51.6	12	1.00%	51.6			4.9	
42-01	14-39-13	51.6	12	1.00%	51.6			7.6	
42-02	14-40-01	51.6	12	1.00%	51.6			6.9	
42-03	14-40-05	50.7	12	1.00%	50.7			5.2	
43-01	14-40-09	51.6	12	1.00%	51.6			12.2	
43-03	43-01	38.0	12	1.00%	38.0			6.1	
43-02	43-03	1.7	12	1.00%	1.7			0.0	
43-04	14-41-01	67.6	12	1.00%	67.6			8.6	
44-01	14-41-05	62.7	12	1.00%	62.7			26.5	
44-02	44-01	96.0	12	1.00%	96.0			22.2	
44-03	14-41-09	57.7	12	1.00%	57.7			6.0	
44-05	14-41-13	54.5	12	1.00%	54.5			6.3	
44-04	44-05	11.0	12	1.00%	11.0			0.8	
44-06	14-42-01	52.8	12	1.00%	52.8			5.7	
44-08	14-42-10	51.8	12	1.00%	51.8			5.9	
44-07	44-08	12.0	12	1.00%	12.0			0.8	

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CONTINUED ON NEXT SHEET

REVISIONS	
NAME	DATE
REVISED	6/22/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL. A 2, 12	SS CL. A 2, 15	SS WMQP, 12	TRENCH BACKFILL (CU. YD.)	ROCK EXCAVATION	
44-09	44-08	10.4	12	1.00%	10.4			0.7		
45-01	14-42-12	52.8	12	1.00%	52.8			10.2		
45-02	45-01	11.0	12	1.00%	11.0			1.5		
45-04	14-42-17	51.6	12	1.00%	51.6			13.5		
45-03	45-04	23.2	12	1.00%	23.2			4.5		
45-05	14-42-21	51.5	12	1.00%	51.5			6.6		
46-01	45-05	24.0	12	1.00%	24.0			2.0		
46-05	14-43-01	71.0	12	1.00%	71.0			12.2		
46-04	46-05	80.9	12	1.00%	80.9			7.9		
46-03	46-04	18.0	12	1.00%	18.0			1.4		
46-02	46-03	4.4	12	1.00%	4.4			0.2		
47-02	14-43-05	63.6	12	1.00%	63.6			23.8		
47-01	47-02	11.0	12	1.00%	11.0			3.2		
46-06	47-01	101.0	12	1.00%	101.0			33.0		
46-07	46-06	4.4	12	1.00%	4.4			0.5		
47-03	14-44-01	63.5	12	1.00%	63.5			95.7		
47-05	14-44-03	63.2	12	1.00%	63.2			8.4		
47-04	47-05	11.0	12	1.00%	11.0			0.8		
47-09	47-05	4.5	12	1.00%	4.5			0.5		
47-07	14-44-08	63.5	15	1.00%		63.5		10.4		
47-06	47-07	5.7	12	1.00%	5.7			0.5		
47-08	47-07	11.3	12	1.00%	11.3			1.1		
47-10	47-07	4.8	12	1.00%	4.8			0.6		
48-01	14-44-17	63.6	12	1.00%	63.6			8.8		
48-02	48-01	11.1	12	1.00%	11.1			0.8		
48-03	48-02	86.2	12	1.00%	86.2			7.2		
48-04	48-03	11.0	12	1.00%	11.0			0.7		
48-11	48-04	4.5	12	1.00%	4.5			0.5		
48-05	14-45-01	76.0	12	2.00%	76.0			18.8		
48-06	48-05	37.0	12	1.00%	37.0			5.3		
EX P	48-06	15.2	12	1.00%	15.2			0.4		
48-08	EX P	11.8	12	1.00%	11.8			1.2		
48-07	48-08	11.0	12	1.00%	11.0			0.7		
48-09	EX P	5.3	12	1.00%	5.3			0.5		
48-10	48-09	4.1	12	1.00%	4.1			0.2		
49-01	14-45-05	63.6	12	1.00%	63.6			7.4		
49-02	14-46-01	63.6	12	1.00%	63.6			7.6		
50-01	14-46-05	63.6	12	1.00%	63.6			7.8		
50-02	14-46-09	64.9	12	1.00%	64.9			9.0		
50-08	50-02	4.4	12	1.00%	4.4			0.5		
50-04	14-46-16	68.4	15	1.00%		68.4		14.8		
50-03	50-04	9.1	12	1.00%	9.1			1.1		
50-05	50-04	17.9	12	1.00%	17.9			2.5		
50-06	50-05	87.0	12	1.00%	87.0			9.2		
TOTALS					8495	427	49	2312	164.8	

SCHEDULE OF DUCTILE IRON PIPE*

STATION TO STATION	OFFSET	CONNECTING STRUCTURE	DUCTILE IRON PIPE (FT)	
4529+65.4	4529+70.0	RT	29-05	12.5
4582+32.2	4582+06.3	LT	14-37-17	34.0
4583+18.6	4583+26.3	LT	14-37-20	15.8
4608+95.8	4608+85.0	RT	44-09	19.0
4609+71.8	4609+85.0	RT	45-01	21.5
4622+37.1	4622+00.0	RT	47-09	45.1
4622+94.2	4623+00.0	RT	47-06	14.8
4635+53.6	4635+40.0	RT	50-02	23.1
4636+29.7	4636+35.0	RT	50-03	13.6
TOTAL			200	

*NOTE: FOR PROPOSED DUCTILE IRON PIPE LOCATIONS SOUTH OF 47TH STREET SEE PLAN SHEETS.

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	149
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P)R-10		

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REVISIONS	
NAME	DATE
REVISED	6/22/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE SCHEDULES
PROPOSED STORM SEWER PIPES
SCALE: 1"=N.T.S.
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

DS-18

I:\PROJECTS\94\90\DWG\94-90-149.DWG 6/22/2006 11:41:17 AM

PIPE UNDERDRAINS, 6"

SHEET NUMBER	FROM		TO		PIPE UNDERDRAINS 6" (FEET)	PIPE UNDERDRAINS 6" SPECIAL (FEET)	CONNECTING STRUCTURE
	STATION	OFFSET	STATION	OFFSET			
DU-17	4474+50	32' RT	4476+71	32' RT	221		
DU-17	4476+81	40' RT	4476+91	40' RT	9	5	17-03
DU-17	4476+91	40' RT	4477+20	46' RT	31		
DU-17	4477+20	46' RT	4478+84	46' RT	164		
DU-17	4479+91	46' RT	4479+83	46' RT	54	5	17-06
DU-18	4479+83	46' RT	4480+95	45' RT	112		
DU-18	4481+16	44' RT	4481+83	43' RT	67	5	18-01
DU-18	4481+83	43' RT	4481+88	43' RT	5		
DU-18	4481+91	45' RT	4483+61	45' RT	170	5	18-03
DU-18	4483+66	45' RT	4485+66	44' RT	160	5	18-05
DU-19	4485+66	44' RT	4485+73	43' RT	8		
DU-19	4485+73	43' RT	4486+00	41' RT	26		
DU-19	4486+04	41' RT	4486+26	40' RT	22	5	19-01
DU-19	4486+26	40' RT	4486+31	40' RT	5		
DU-19	4486+31	40' RT	4486+52	40' RT	20		
DU-19	4486+57	40' RT	4487+14	41' RT	56	5	19-03
DU-19	4487+14	41' RT	4487+49	40' RT	36		
DU-19	4487+50	64' RT	4487+71	64' RT	22		
DU-19	4487+71	64' RT	4492+10	55' RT	439	5	20-04
DU-20	4492+15	55' RT	4494+59	50' RT	245	5	21-01
DU-21	4494+67	50' RT	4496+62	46' RT	195	5	21-03
DU-21	4496+67	46' RT	4497+99	43' RT	132		
DU-21	4497+99	43' RT	4498+92	44' RT	93	5	22-01
DU-22	4498+99	45' RT	4500+09	46' RT	111		
DU-22	4500+09	46' RT	4500+38	46' RT	29		
DU-22	4500+38	46' RT	4500+84	45' RT	46	5	22-03
DU-22	4500+98	46' RT	4501+60	44' RT	62	5	22-05
DU-22	4501+60	44' RT	4501+66	44' RT	5		
DU-22	4501+66	44' RT	4501+78	35' RT	15		
DU-22	4501+78	35' RT	4502+81	35' RT	103	10	22-07
DU-22	4502+96	43' RT	4503+23	48' RT	28		
DU-22	4503+23	48' RT	4503+70	48' RT	48	5	23-02
DU-23	4503+70	48' RT	4506+38	48' RT	268		
DU-23	4503+72	46' RT	4503+72	3' LT	49	5	24-52
DU-23	4506+43	48' RT	4506+66	48' RT	23	5	23-10
DU-23	4506+66	48' RT	4507+31	52' RT	65		
DU-23	4507+38	52' RT	4508+33	57' RT	95	5	23-12
DU-24	4508+38	57' RT	4510+60	69' RT	223	5	24-02
DU-24	4510+67	70' RT	4512+37	79' RT	170	5	24-04
DU-24	4512+42	79' RT	4512+72	80' RT	30	5	24-07
DU-24	4512+72	80' RT	4512+77	83' RT	6		
DU-24	4512+77	83' RT	4514+05	85' RT	126		
DU-25	4513+14	48' RT	4514+15	48' RT	101	5	25-02
DU-25	4514+15	48' RT	4515+60	48' RT	145		
DU-25	4515+60	48' RT	4520+41	48' RT	483	5	26-03
DU-26	4520+46	48' RT	4523+56	48' RT	310	5	27-01
DU-27	4523+61	48' RT	4525+04	48' RT	140	5	27-03
DU-27	4525+09	48' RT	4526+52	48' RT	138	5	27-05
DU-27	4526+57	48' RT	4527+92	48' RT	130	8	28-02
DU-28	4528+12	48' RT	4528+12	17' LT	65	5	28-52
DU-28	4528+03	50' RT	4528+50	51' RT	45	5	28-05
DU-28	4528+50	45' RT	4529+00	45' RT	48	5	28-05

CONTINUED ON NEXT SHEET

F.A.I. SECTION COUNTY TOTAL SHEET SHEET NO.	90/94	•	COOK	565	150
STA.	TO STA.				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT			
62301	• (2021-922 PT2 ETC 2324.6-1P) R-10				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

**DRAINAGE SCHEDULES
 PROPOSED PIPE UNDERDRAINS**

SCALE: NONE
 DATE: June 9, 2006

DRAWN BY: NJH
 CHECKED BY: XXX

DS-19
 4:40:11 PM
 6/8/2006

SCHEDULE OF PIPE UNDERDRAINS 6"

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)	
4531+09.0	4529+00.0	RT	204.0	JOB LIMIT	5.0
4531+24.0	4531+10.0	RT	9.0	29-01	5.0
4532+34.0	4531+25.0	RT	104.0	29-02	5.0
4533+59.0	4532+35.0	RT	119.0	29-03	5.0
4533+94.5	4533+60.0	RT	29.5	29-04	5.0
4534+00.1	4534+90.0	RT	84.9	30-01	5.0
6060+23.4	6062+40.0	RT	211.6	30-02	5.0
6060+00.0	6062+42.0	LT	237.0	30-03	5.0
6062+41.0	6063+55.0	RT	109.0	30-05	5.0
6062+42.8	6063+53.0	LT	105.2	30-06	5.0
4536+25.5	4534+90.0	RT	130.5	30-01	5.0
6063+56.0	6063+85.0	RT	24.0	30-09	5.0
6063+57.8	6063+83.0	LT	20.2	30-10	5.0
4537+29.0	4536+26.5	RT	97.5	30-04	5.0
6063+86.0	6064+06.6	RT	15.6	30-11	5.0
6063+87.8	6064+04.6	LT	11.7	30-12	5.0
6064+21.0	6064+06.6	RT	9.4	30-11	5.0
6064+19.2	6064+08.6	LT	5.6	30-12	5.0
6064+59.0	6064+22.0	RT	32.0	30-13	5.0
6064+57.2	6064+24.0	LT	28.2	30-14	5.0
4538+34.0	4537+30.0	RT	99.0	30-07	5.0
4538+45.7	4538+35.0	RT	5.7	30-17	5.0
6064+79.0	6064+60.0	RT	14.0	30-15	5.0
6064+69.1	6064+62.0	LT	2.1	30-16	5.0
6065+74.0	6064+80.0	RT	89.0	30-19	5.0
6065+89.0	6065+75.0	RT	9.0	31-01	5.0
6066+74.0	6065+90.0	RT	79.0	31-04	5.0
6067+29.0	6066+75.0	RT	49.0	31-05	5.0
6067+93.1	6067+30.0	RT	58.1	31-08	5.0
6067+94.2	6068+07.1	RT	7.9	31-09	5.0
6068+08.1	6068+38.3	RT	25.2	31-10	5.0
6068+39.3	6069+10.9	RT	66.6	31-11	5.0
4542+71.0	4543+65.0	RT	89.0	31-12	5.0
4543+66.0	4544+55.0	RT	84.0	32-01	5.0
4544+56.0	4545+68.7	RT	107.7	32-02	5.0
4546+64.0	4545+68.7	RT	90.3	32-02	5.0
8052+06.7	8052+50.0	RT	38.3	32-03	5.0
8052+51.0	8052+65.0	RT	9.0	32-04	5.0
8052+66.0	8053+75.0	RT	104.0	32-05	5.0
8053+76.0	8054+10.0	RT	29.0	32-06	5.0
8054+11.0	8054+30.9	RT	14.9	32-07	5.0
8054+44.0	8054+30.9	RT	8.1	32-07	5.0
8054+94.0	8054+45.0	RT	44.0	33-01	5.0
8055+99.0	8054+95.0	RT	99.0	33-02	5.0
8058+68.9	8056+00.0	RT	263.9	33-03	5.0

SCHEDULE OF PIPE UNDERDRAINS 6"

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)	
8058+68.9	8054+28.9	LT	435.0	32-08	5.0
8053+90.6	8054+28.9	LT	33.3	32-08	5.0
4548+56.2	4548+95.1	RT	33.9	32-08	5.9
4550+20.6	4548+95.1	RT	120.5	32-08	5.9
4550+25.6	4551+05.0	RT	74.4	33-06	5.0
4551+06.0	4551+85.0	RT	74.0	33-05	5.0
4551+86.0	4554+00.0	RT	209.0	34-01	5.0
4550+66.0	4551+05.0	RT	34.0	33-04	5.0
4554+01.0	4554+15.0	RT	9.0	34-02	5.0
4554+16.0	4555+13.0	RT	92.0	34-03	5.0
4555+14.0	4555+28.1	RT	9.1	34-04	5.0
4555+42.0	4555+28.1	RT	8.9	34-04	5.0
4555+65.0	4555+43.0	RT	17.0	34-05	5.0
4555+77.2	4555+66.0	RT	6.2	34-06	5.0
4555+85.2	4555+95.0	RT	4.8	34-07	5.0
4556+84.0	4555+95.0	RT	84.0	34-07	5.0
4558+29.0	4556+85.0	RT	139.0	34-08	5.0
6042+36.0	6044+85.0	RT	244.0	35-03	5.0
4560+24.0	4558+30.0	RT	189.0	34-09	5.0
6040+98.6	6042+35.0	RT	131.4	35-01	5.0
6040+98.6	6045+27.0	LT	423.4	35-05	5.0
6045+37.9	6045+23.0	LT	9.9	35-05	5.0
4561+62.7	4560+25.0	RT	132.7	35-02	5.0
4561+63.7	4563+15.0	RT	146.3	35-06	5.0
4563+29.8	4563+15.0	RT	9.8	35-06	5.0
6044+86.0	6045+25.0	RT	34.0	35-04	5.0
6045+26.0	6046+00.0	RT	69.0	35-07	5.0
6046+01.0	6047+00.0	RT	94.0	36-01	5.0
6047+01.0	6047+29.0	RT	23.0	36-02	5.0
6047+82.8	6047+29.0	RT	48.8	36-02	5.0
6047+89.8	6048+89.0	RT	94.2	36-03	5.0
6048+90.0	6049+15.0	RT	20.0	36-04	5.0
6049+16.0	6049+80.0	RT	59.0	36-05	5.0
6049+81.0	6049+96.7	RT	10.7	36-06	5.0
6050+10.7	6049+96.7	RT	9.1	36-06	5.0
4568+44.0	4568+05.0	RT	34.0	36-07	5.0
4569+54.4	4568+45.0	RT	104.4	36-08	5.0
8040+99.0	8040+10.0	RT	84.0	37-01	5.0
8041+99.0	8041+00.0	RT	94.0	37-02	5.0
8043+04.0	8042+00.0	RT	99.0	37-03	5.0
8043+19.0	8043+05.0	RT	9.0	37-04	5.0
8044+09.0	8043+20.0	RT	84.0	37-05	5.0
8044+74.0	8044+10.0	RT	59.0	37-07	5.0
4574+24.0	4573+55.0	RT	64.0	37-09	5.0
4574+64.3	4574+25.0	RT	34.3	38-02	5.0

SCHEDULE OF PIPE UNDERDRAINS 6"

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)	
4574+65.3	4576+15.0	RT	144.7	38-06	5.0
8045+54.0	8044+75.0	RT	74.0	38-01	5.0
8045+52.2	8044+12.0	LT	135.2	37-08	5.0
8046+69.0	8045+55.0	RT	109.0	38-03	5.0
4576+16.0	4577+56.0	RT	135.0	38-09	5.0
8046+84.0	8046+70.0	RT	9.0	38-05	5.0
8048+14.0	8046+85.0	RT	124.0	38-07	5.0
4577+57.0	4579+65.0	RT	203.0	39-01	5.0
8048+29.0	8048+15.0	RT	9.0	38-08	5.0
8048+27.2	8045+57.0	LT	265.2	38-04	5.0
8050+38.4	8048+30.0	RT	203.3	38-10	5.0
8051+05.9	8048+32.0	LT	268.9	38-11	5.0
4579+66.0	4581+45.0	RT	174.0	39-02	5.0
4581+46.0	4581+75.0	RT	24.0	39-03	5.0
4581+76.0	4581+87.5	RT	6.5	39-04	5.0
4582+04.0	4581+87.5	RT	11.5	39-04	5.0
4583+24.8	4582+05.0	RT	114.8	39-05	5.0
8020+97.7	8020+83.0	RT	9.7	39-06	5.0
8022+84.0	8021+94.0	RT	85.0	40-01	5.0
8023+74.0	8022+85.0	RT	84.0	40-02	5.0
8024+10.0	8023+75.0	RT	30.0	40-04	5.0
8024+38.4	8024+11.0	RT	22.4	40-06	5.0
8024+38.4	8024+13.0	LT	20.4	40-07	5.0
4588+19.0	4586+55.0	RT	159.0	40-08	5.0
4589+41.0	4588+20.0	RT	116.0	40-09	5.0
4590+09.0	4589+42.0	RT	62.0	41-01	5.0
4591+84.0	4590+10.0	RT	169.0	41-02	5.0
4593+34.0	4591+85.0	RT	144.0	41-03	5.0
4594+44.0	4593+35.0	RT	104.0	41-04	5.0
4596+02.3	4594+45.0	RT	152.3	42-01	5.0
4596+03.3	4597+75.0	RT	166.7	42-02	5.0
4597+76.0	4598+75.0	RT	94.0	42-03	5.0
4598+76.0	4600+25.0	RT	144.0	43-01	5.0
4600+26.0	4600+67.0	RT	36.0	43-03	5.0
6023+04.0	6024+90.0	RT	181.0	43-04	5.0
6023+04.0	6023+48.0	LT	39.0	43-02	5.0
6024+91.0	6026+85.0	RT	189.0	44-01	5.0
6026+86.0	6027+85.0	RT	94.0	44-02	5.0
6027+86.0	6028+85.0	RT	94.0	44-03	5.0
6028+86.0	6030+00.0	RT	109.0	44-04	5.0
6030+01.0	6030+15.0	RT	9.0	44-05	5.0
6030+16.0	6030+95.0	RT	74.0	44-06	5.0
6030+96.0	6031+35.0	RT	34.0	44-07	5.0
6031+36.0	6031+51.0	RT	10.0	44-08	5.0
6031+64.4	6031+51.0	RT	8.4	44-08	5.0

BOWMAN, BARRETT & ASSOCIATES INC.
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312.228.0100
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CONTINUED ON NEXT SHEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE SCHEDULES
PROPOSED PIPE UNDERDRAIN
SCALE: 1"=N.T.S.
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

SCHEDULE OF PIPE UNDERDRAINS 6"

STATION TO STATION		OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)
6032+64.4	6031+65.4	RT	94.0	44-09	5.0
6032+79.4	6032+65.4	RT	9.0	45-01	5.0
4611+41.8	4610+00.0	RT	136.8	45-02	5.0
4611+69.0	4611+42.8	RT	21.2	45-03	5.0
4613+95.0	4611+70.0	RT	220.0	45-04	5.0
4614+23.0	4613+96.0	RT	22.0	45-05	5.0
4615+36.2	4614+24.0	RT	107.2	46-01	5.0
4615+37.2	4616+60.0	RT	117.8	46-02	5.0
6004+18.9	6004+70.0	RT	46.1	46-04	5.0
6004+18.9	6004+68.0	LT	44.1	46-03	5.0
6004+71.0	6005+55.0	RT	79.0	46-05	5.0
6005+56.0	6006+55.0	RT	94.0	46-06	5.0
6006+56.0	6007+60.0	RT	99.0	47-01	5.0
6007+61.0	6007+75.0	RT	9.0	47-02	5.0
6007+76.0	6008+91.0	RT	110.0	47-03	5.0
6008+92.0	6009+80.0	RT	83.0	47-04	5.0
6009+81.0	6009+95.0	RT	9.0	47-05	5.0
4622+25.8	4621+92.5	RT	28.3	47-05	5.0
4622+29.8	4623+00.0	RT	65.2	47-06	5.0
4623+01.0	4623+09.7	RT	3.7	47-07	5.0
4623+24.0	4623+09.7	RT	9.3	47-07	5.0
4624+33.2	4623+25.0	RT	103.2	47-08	5.0
8000+29.0	8000+15.0	RT	9.0	48-01	5.0
8001+19.0	8000+30.0	RT	84.0	48-02	5.0
8001+34.0	8001+20.0	RT	9.0	48-03	5.0
8002+34.0	8001+35.0	RT	94.0	48-04	5.0
8002+75.0	8002+35.0	RT	35.0	48-05	5.0
8003+89.0	8002+76.0	RT	108.0	48-06	5.0
8004+04.0	8003+90.0	RT	9.0	48-07	5.0
8004+15.5	8004+05.0	RT	5.5	48-08	5.0
4629+16.2	4628+25.0	RT	86.2	48-10	5.0
4629+17.2	4631+00.0	RT	177.8	49-01	5.0
4631+01.0	4632+65.0	RT	159.0	49-02	5.0
4632+66.0	4634+10.0	RT	139.0	50-01	5.0
4634+11.0	4635+40.0	RT	124.0	50-02	5.0
4635+41.0	4636+35.0	RT	89.0	50-03	5.0
4636+36.0	4636+48.1	RT	7.1	50-04	5.0
4636+69.0	4636+48.1	RT	15.9	50-04	5.0
4637+60.0	4636+70.0	RT	85.0	50-05	5.0
4638+04.3	4637+61.0	RT	38.3	50-06	5.0
8043+91.2	8044+12.0	LT	15.8	37-08	5.0
4573+37.0	4573+55.0	RT	13.0	37-09	5.0
8004+15.1	8004+07.0	LT	3.1	48-09	5.0
TOTALS			19540		1050

SCHEDULE OF PIPE UNDERDRAIN 12"

STATION	OFFSET	TO STATION	OFFSET	INVERT ELEV		PIPE UNDERDRAIN 12" (FT)	POROUS GRANULAR BACKFILL (CY)
				FROM	TO		
4534+36.1	57.8' RT	4534+34.5	13.3' RT	-8.15	-8.84	69.1	78.26
4534+87.8	73.9' RT	4534+86.6	57.1' RT	-7.28	-7.45	14.9	40.94
4537+18.1	61.0' RT	4534+87.8	73.9' RT	-6.60	-7.18	234.8	601.87
4540+08.3	72.7' RT	4537+18.1	61.0' RT	-5.10	-6.60	301.4	678.53
4540+09.2	41.2' LT	4540+08.3	72.7' RT	-4.50	-5.10	111.9	207.30
4548+61.3	82.9' RT	4548+95.1	60.9' RT	-4.80	-4.96	38.3	30.83
4548+64.4	7.8' LT	4548+61.3	82.9' RT	-4.20	-4.80	88.7	62.54
4550+02.0	63.0' RT	4548+61.3	82.9' RT	-4.40	-4.80	139.7	114.95
4561+78.0	107.3' RT	4561+04.8	64.5' RT	-6.00	-6.52	82.8	115.80
4567+80.9	60.1' RT	4567+89.9	55.0' RT	-10.66	-10.74	7.9	2.93
4570+46.9	63.5' RT	4570+45.4	57.1' RT	-8.99	-10.78	4.6	3.73
4578+05.0	55.0' RT	4577+56.0	47.0' RT	-5.50	-6.00	47.6	15.43
4608+06.2	41.5' RT	4608+06.0	1.7' LT	-7.95	-8.16	41.2	8.34
4623+06.2	55.1' RT	4623+06.1	1.8' LT	-8.70	-8.97	54.9	3.80
4636+54.5	61.1' RT	4636+54.9	2.0' LT	-9.29	-9.60	61.1	2.71
TOTAL						1299	1967.9

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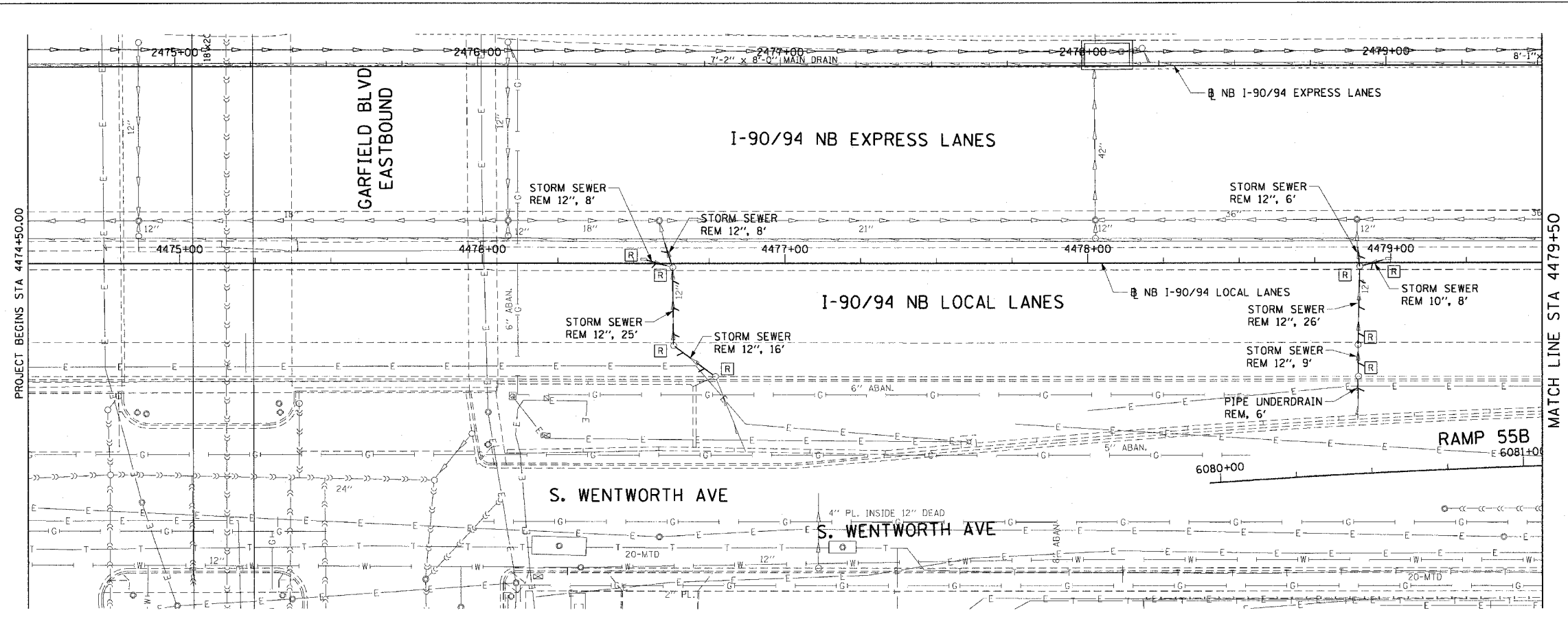
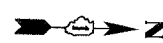
REVISIONS	
NAME	DATE
REVISED	6/22/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 DRAINAGE SCHEDULES
 PROPOSED PIPE UNDERDRAIN
 SCALE: 1"=N.T.S
 DATE: 06/09/06
 DRAWN BY: JAM
 CHECKED BY: DDM

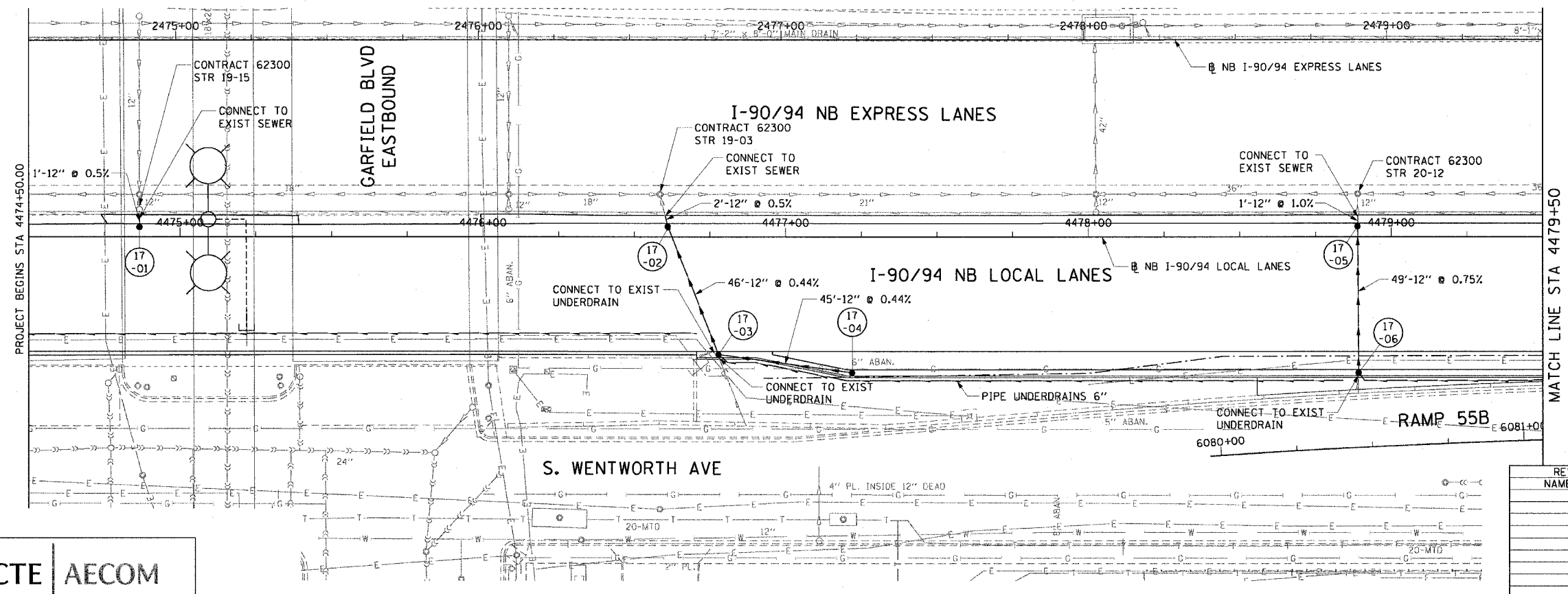
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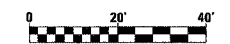
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	153
STA. 4474+50 TO STA. 4479+50		FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- NOTES:
- SEE DRAINAGE SCHEDULES FOR STRUCTURE, PIPE AND UNDERDRAIN INFORMATION.
 - THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.



REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS

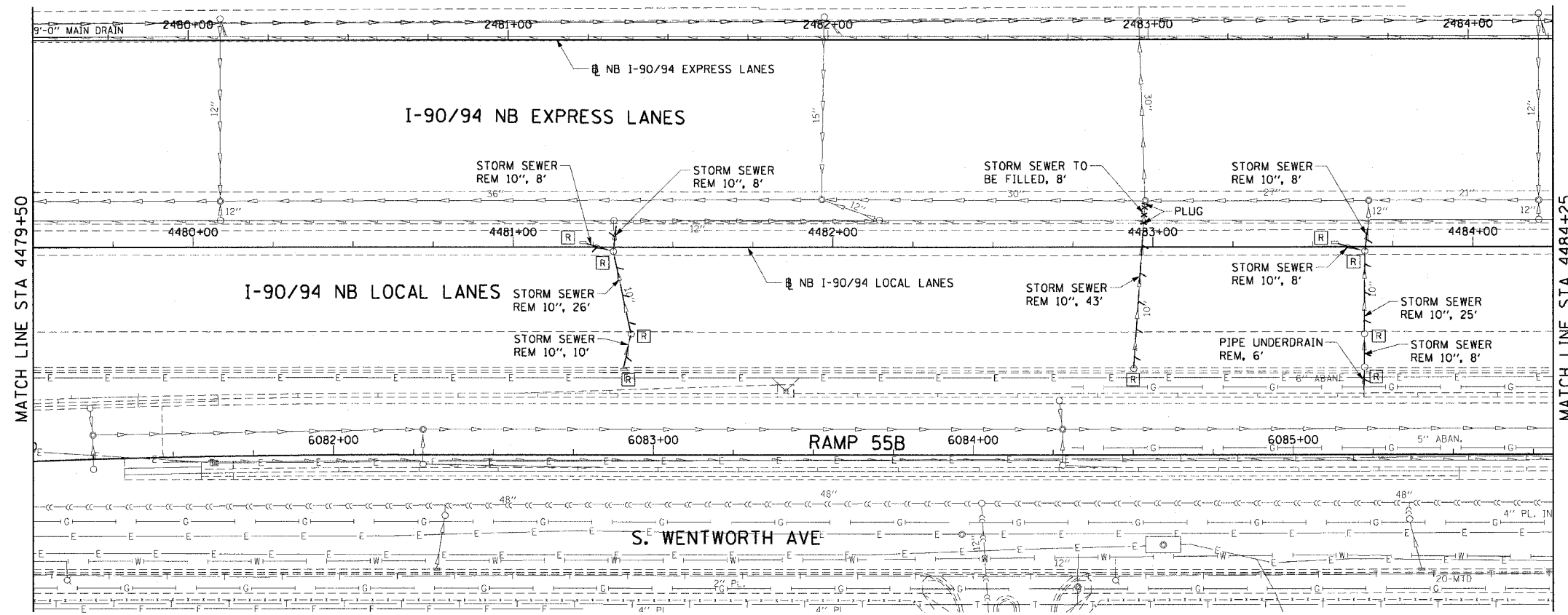
SCALE: 1"=20'
DATE: June 9, 2006

DRAWN BY: MDD
CHECKED BY: MS

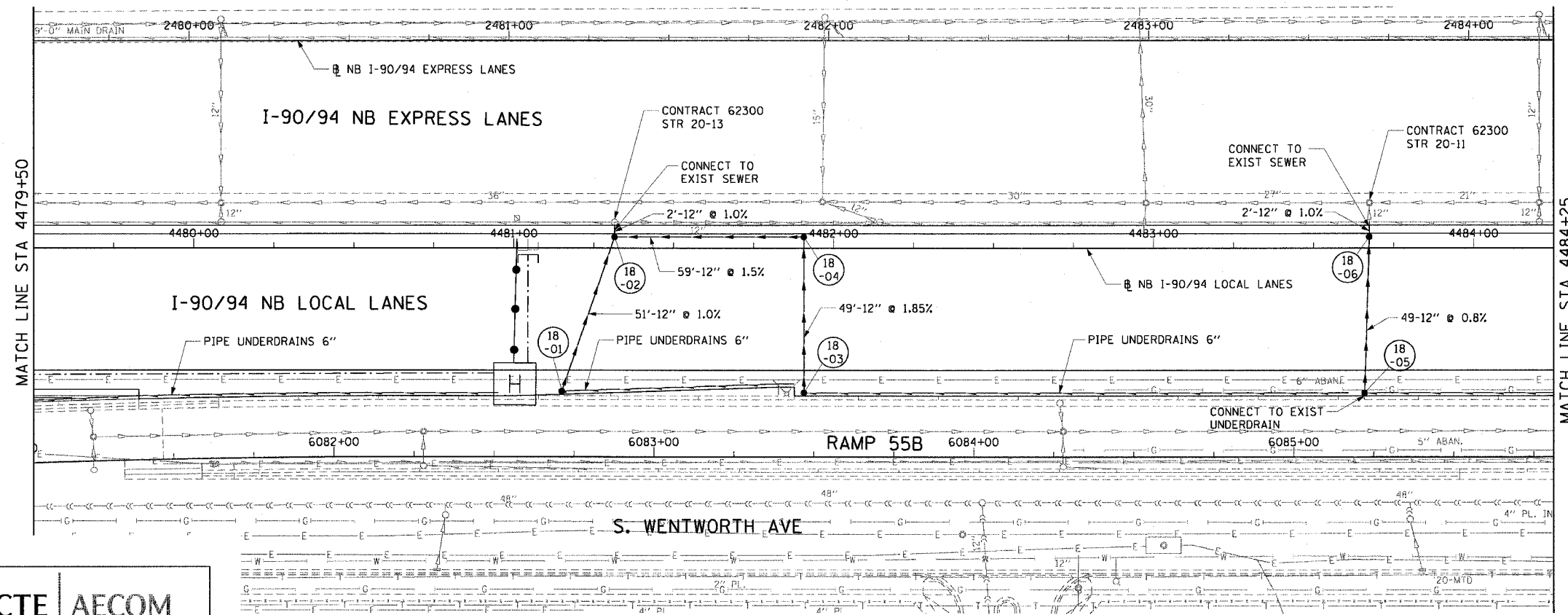
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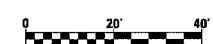
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	154
STA. 4479+50 TO STA. 4484+25				
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- NOTES:
- SEE DRAINAGE SCHEDULES FOR STRUCTURE, PIPE AND UNDERDRAIN INFORMATION.
 - THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

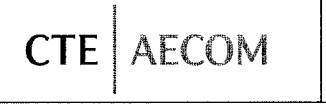


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

DRAINAGE AND UTILITY PLANS

SCALE: 1"=20'
DATE: June 9, 2006
DRAWN BY: MDD
CHECKED BY: MS



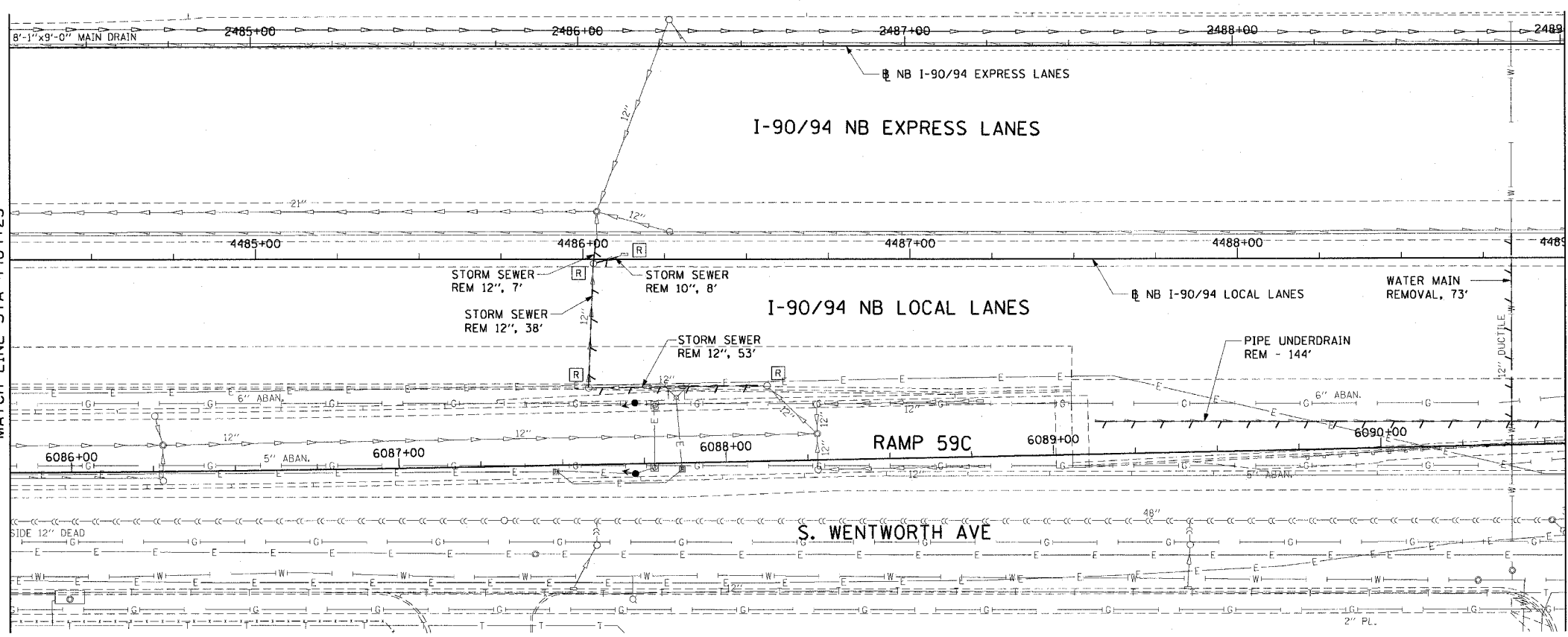
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	155
STA. 4484+25		TO STA. 4489+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				

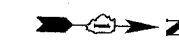


MATCH LINE STA 4484+25

MATCH LINE STA 4489+00

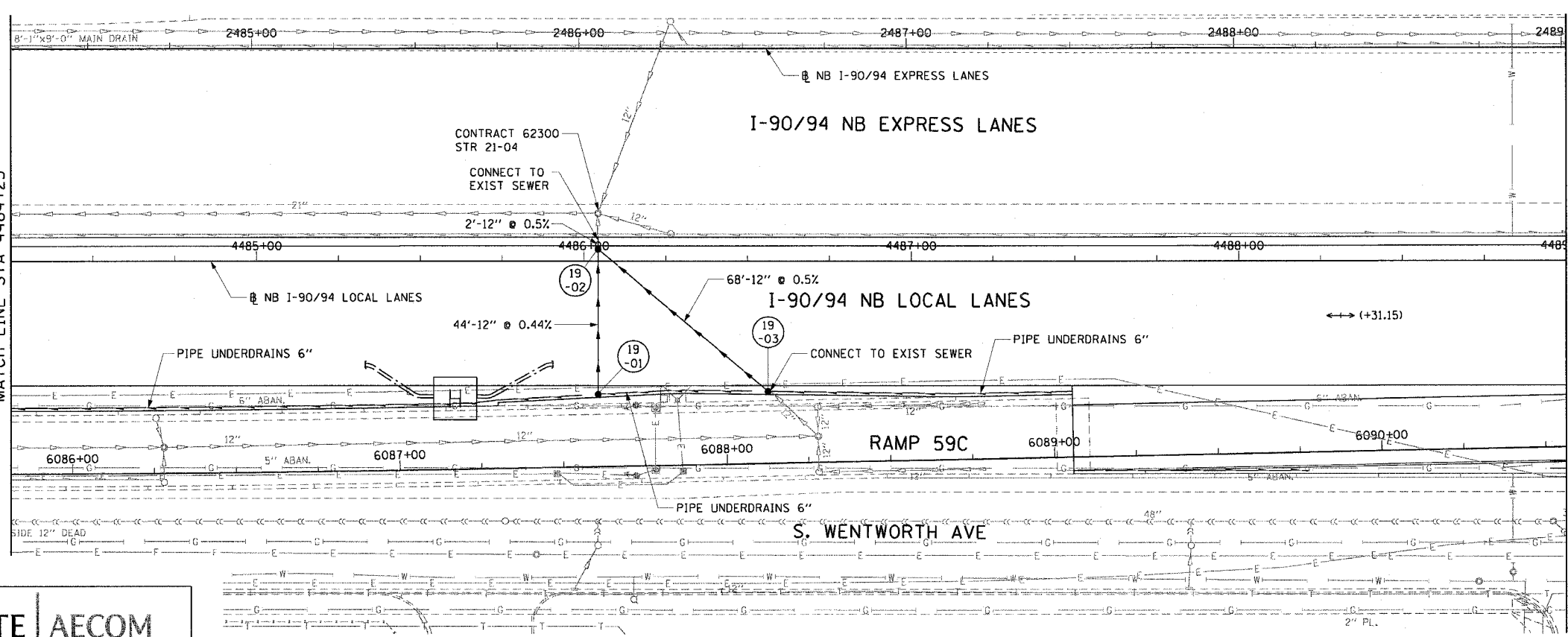


**EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS**

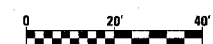


MATCH LINE STA 4484+25

MATCH LINE STA 4489+00



- NOTES:
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DU-19

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

DRAINAGE AND UTILITY PLANS

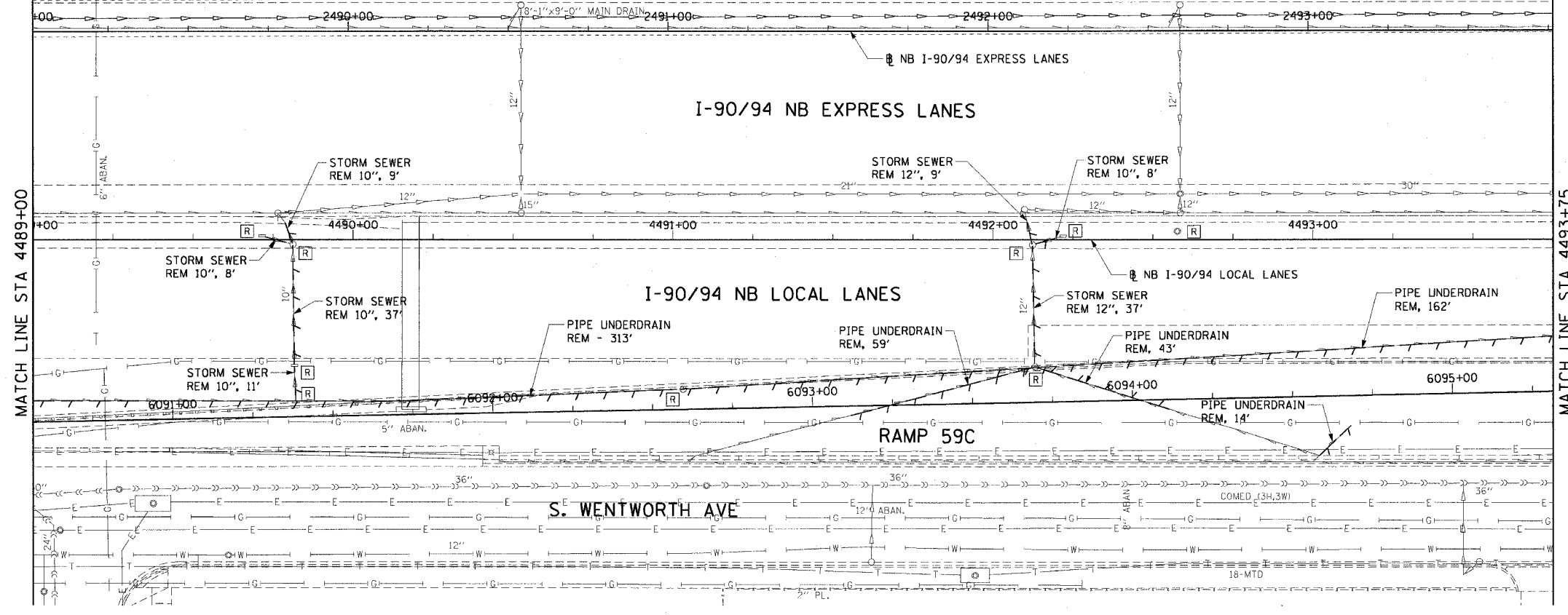
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DATE: June 9, 2006

DRAWN BY: MDD
CHECKED BY: MS

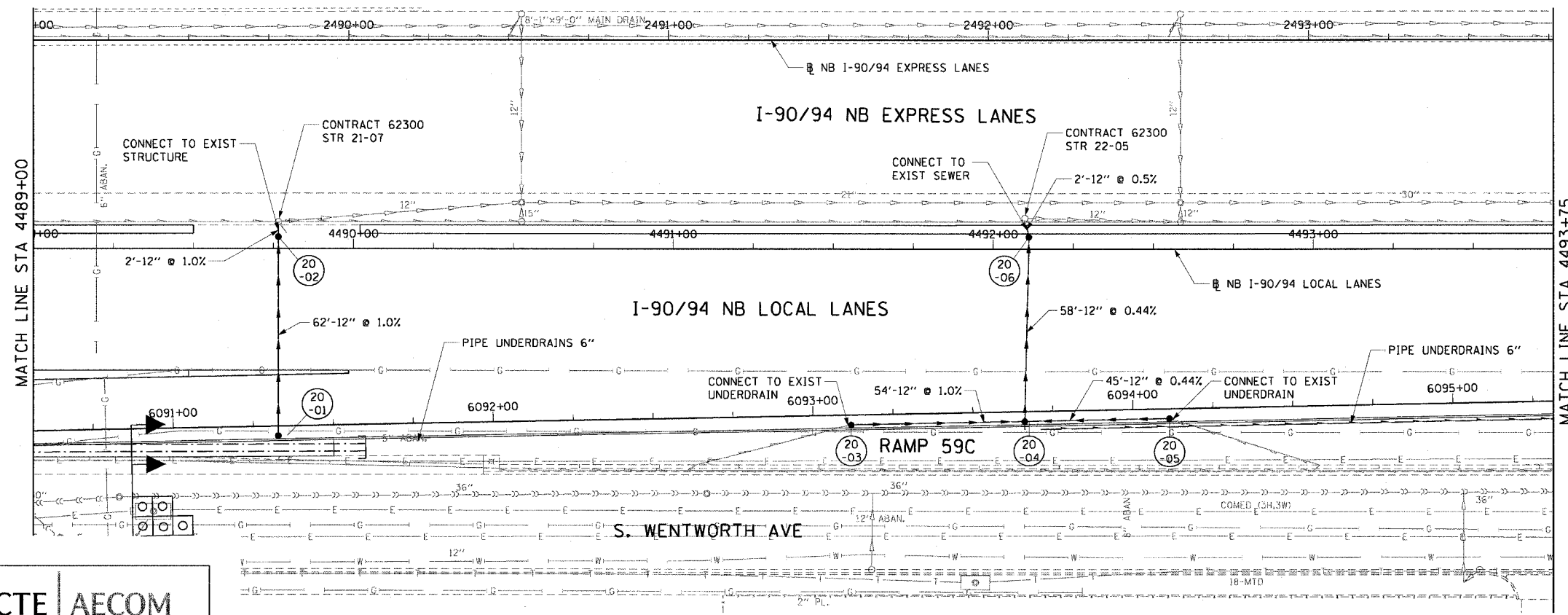


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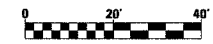
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	156
STA. 4489+00 TO STA. 4493+75				
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		
62301		• (2021-922 PT2 ETC 2324.6-1P) R-10		



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- NOTES:
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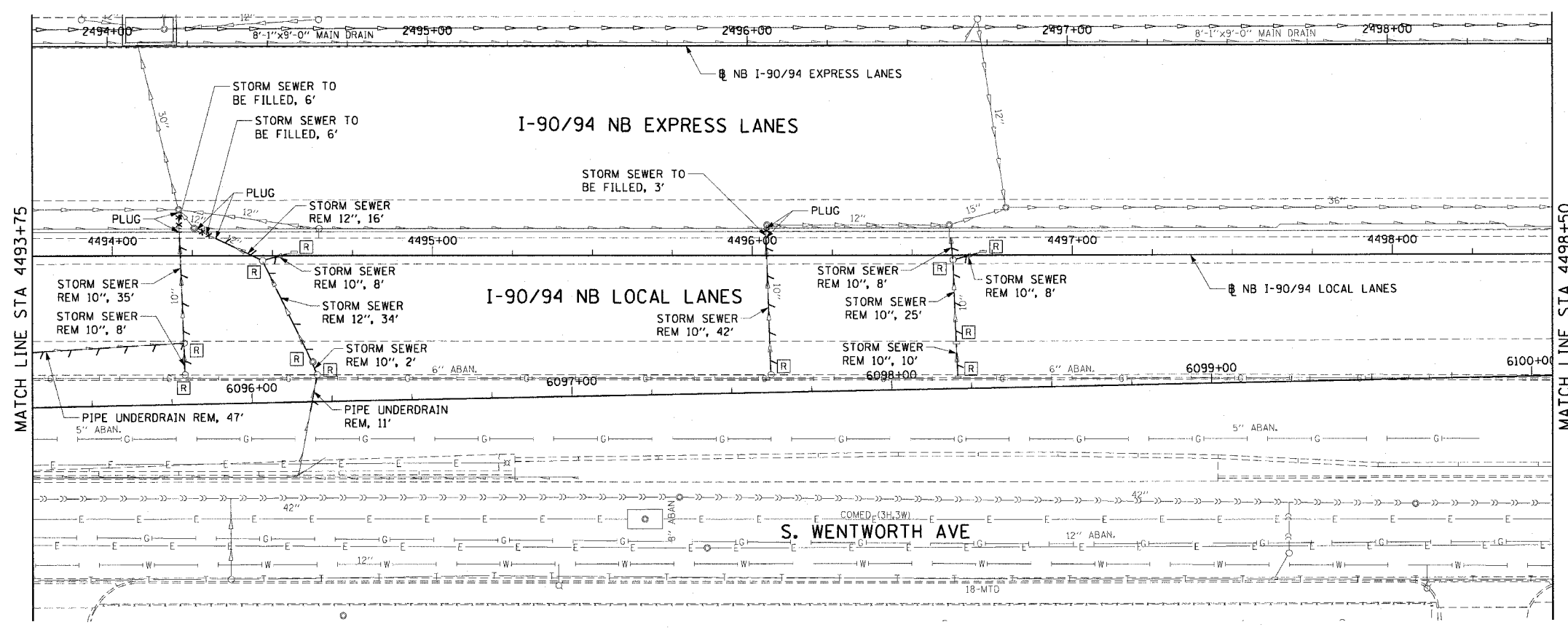
REVISIONS	NAME	DATE

DU-20
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS
SCALE: 1"=20'
DATE: June 9, 2006
DRAWN BY: MDD
CHECKED BY: MS

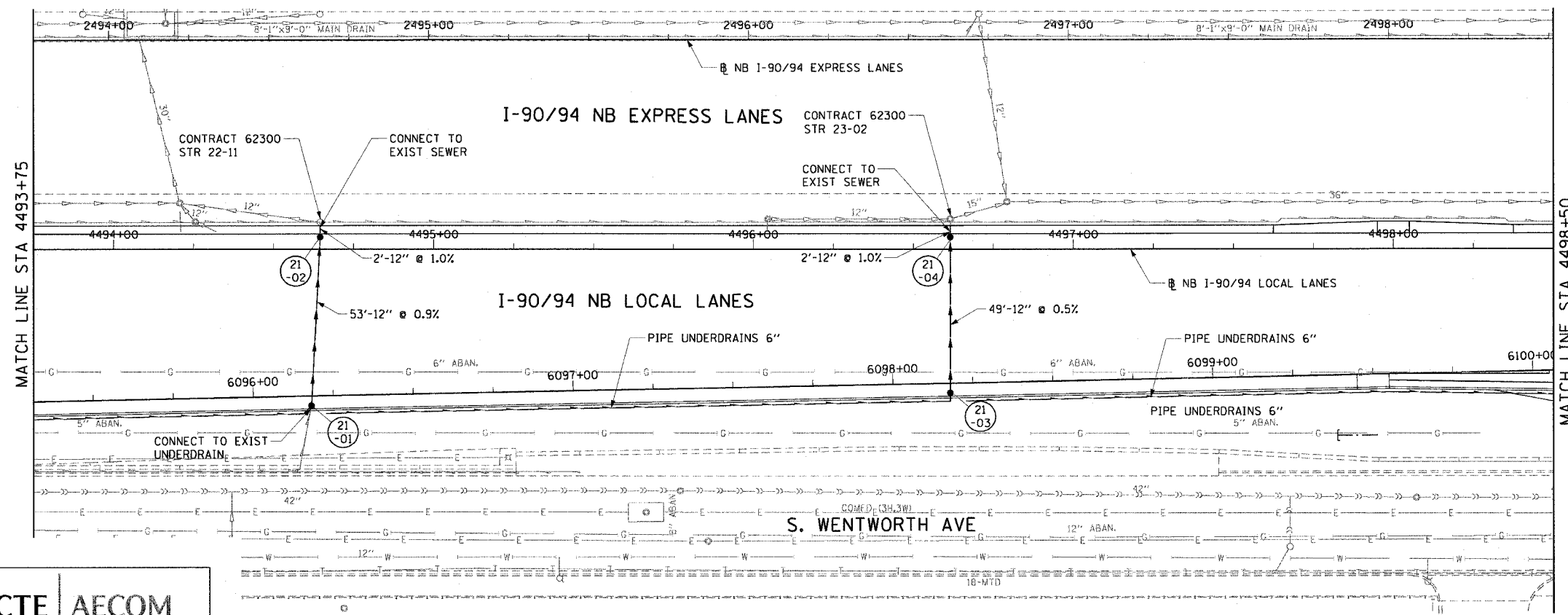
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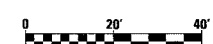
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	157
STA. 4493+75		TO STA. 4498+50		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- NOTES:
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

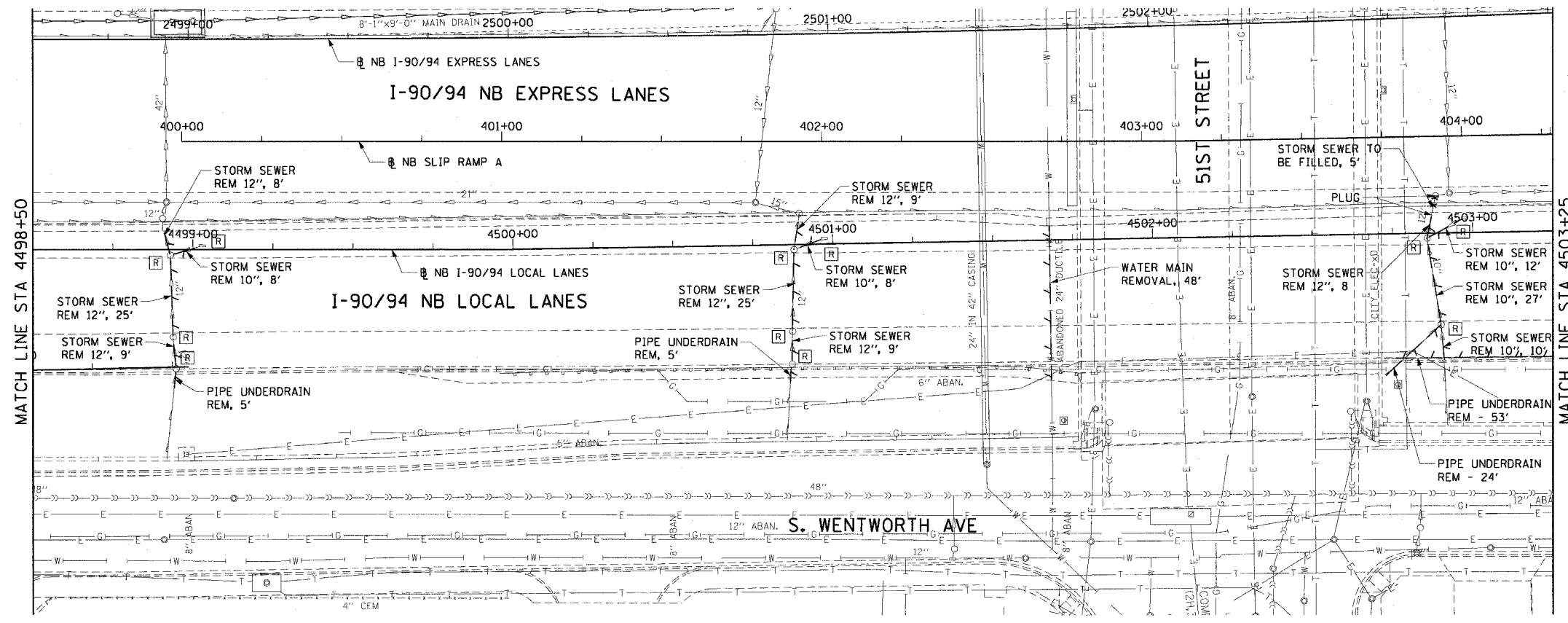
DRAINAGE AND UTILITY PLANS

SCALE: 1"=20'
DATE: June 9, 2006
DRAWN BY: MDD
CHECKED BY: MS

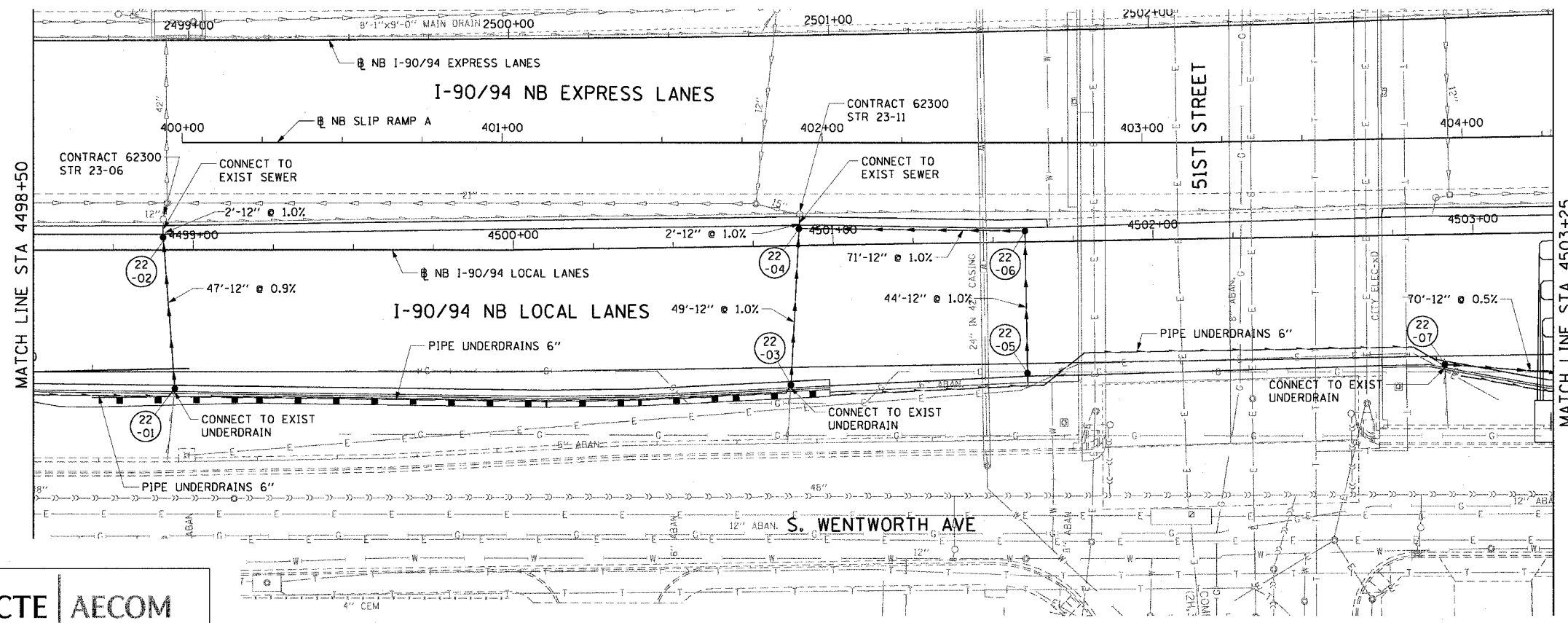
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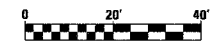
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	158
STA. 4498+50		TO STA. 4503+25		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 * (2021-922 PT2 ETC 2324.6-1P) R-10				



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- NOTES:
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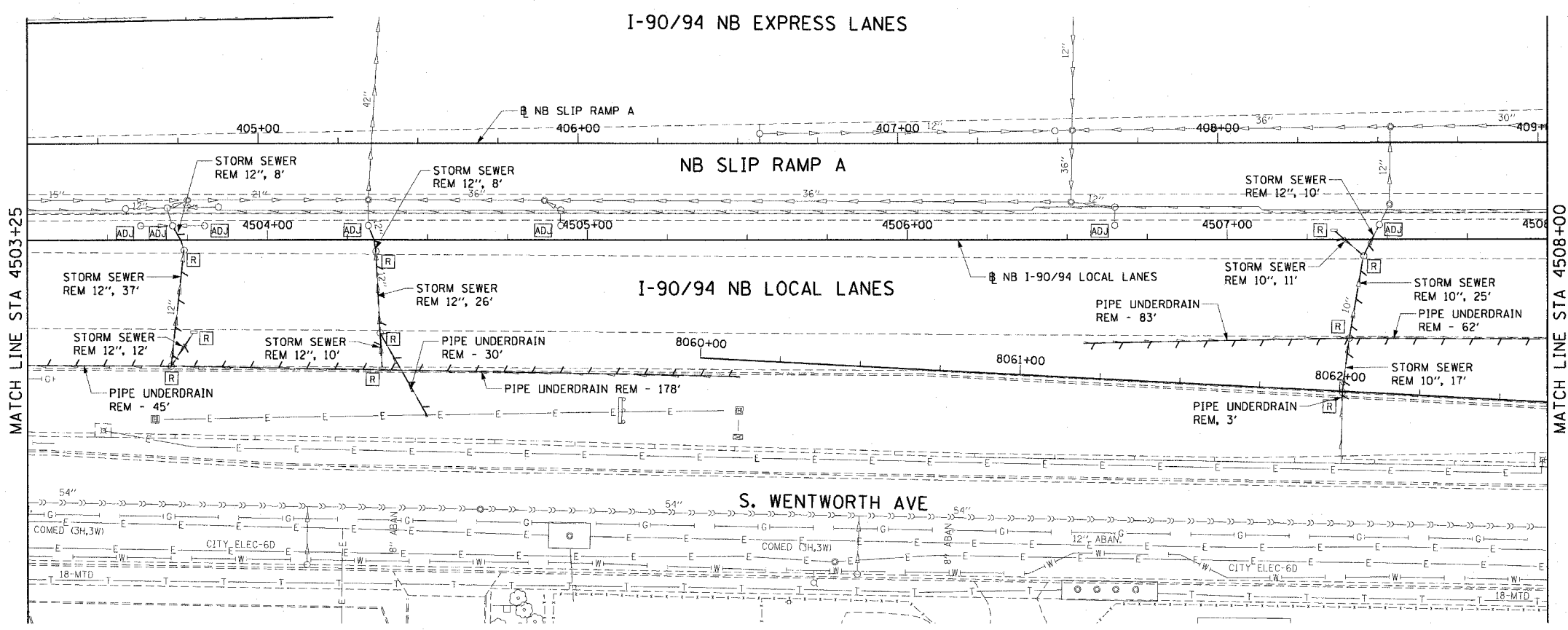
REVISIONS	DATE

DU-22
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS
SCALE: 1"=20'
DATE: June 9, 2006
DRAWN BY: MDD
CHECKED BY: MS

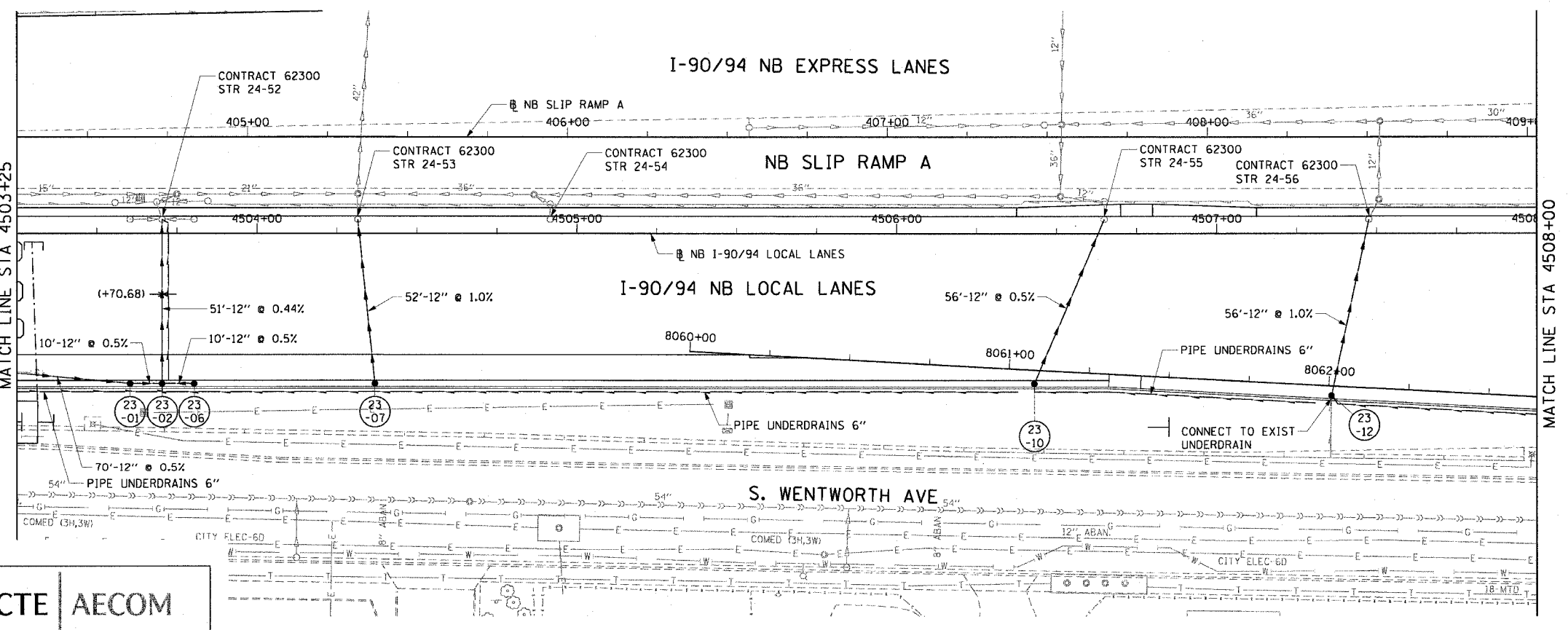
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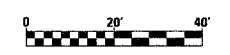
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	159
STA. 4503+25		TO STA. 4508+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



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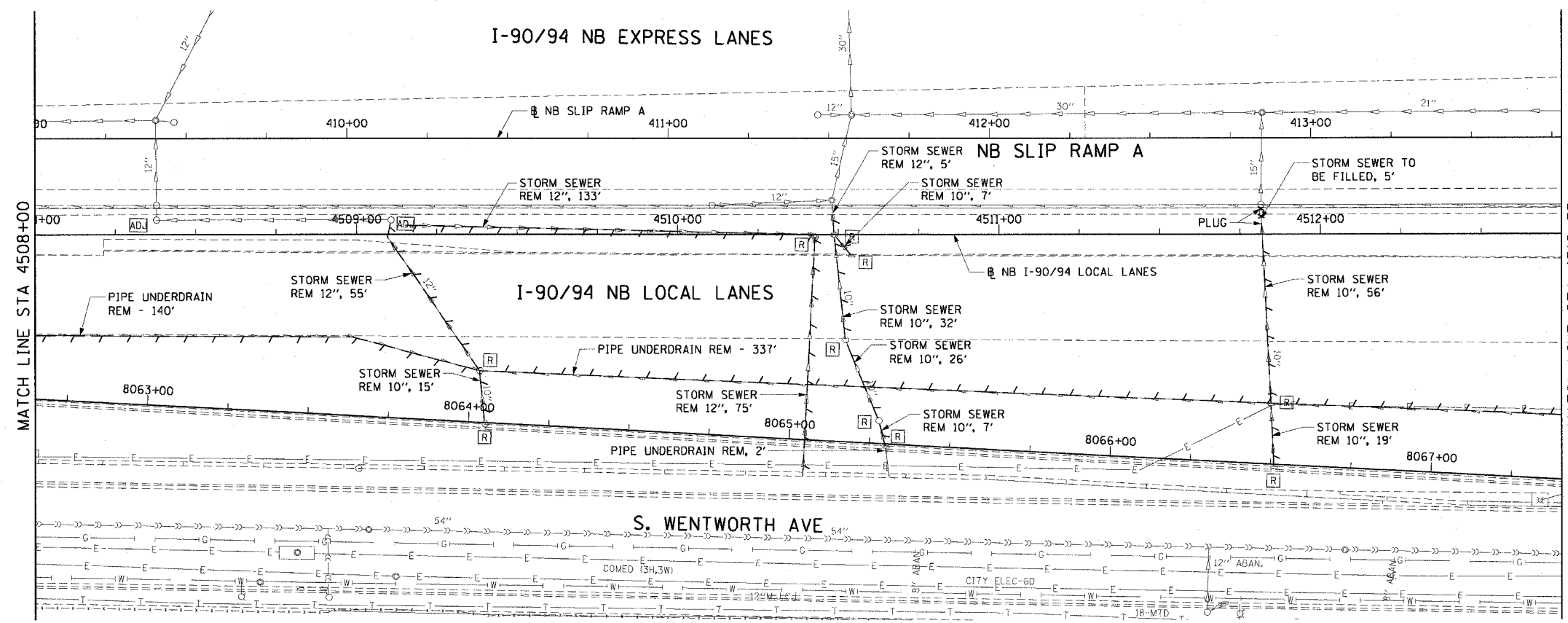
REVISIONS	
NAME	DATE

DU-23
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS
SCALE: 1"=20'
DATE: June 9, 2006
DRAWN BY: MDD
CHECKED BY: MS

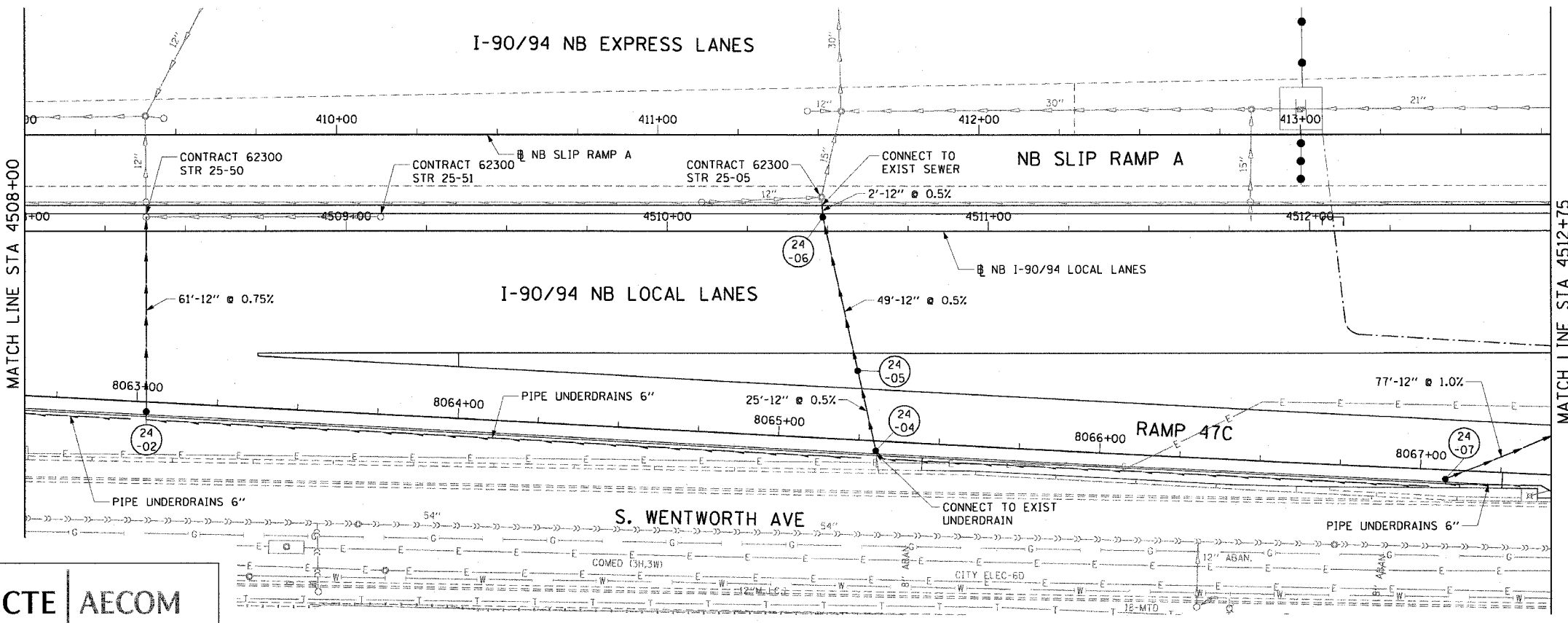
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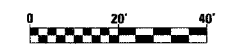
F.A.I. RT. 90/94	SECTION	COUNTY COOK	TOTAL SHEETS 565	SHEET NO. 160
STA. 4508+00		TO STA. 4512+75		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



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REVISIONS	
NAME	DATE

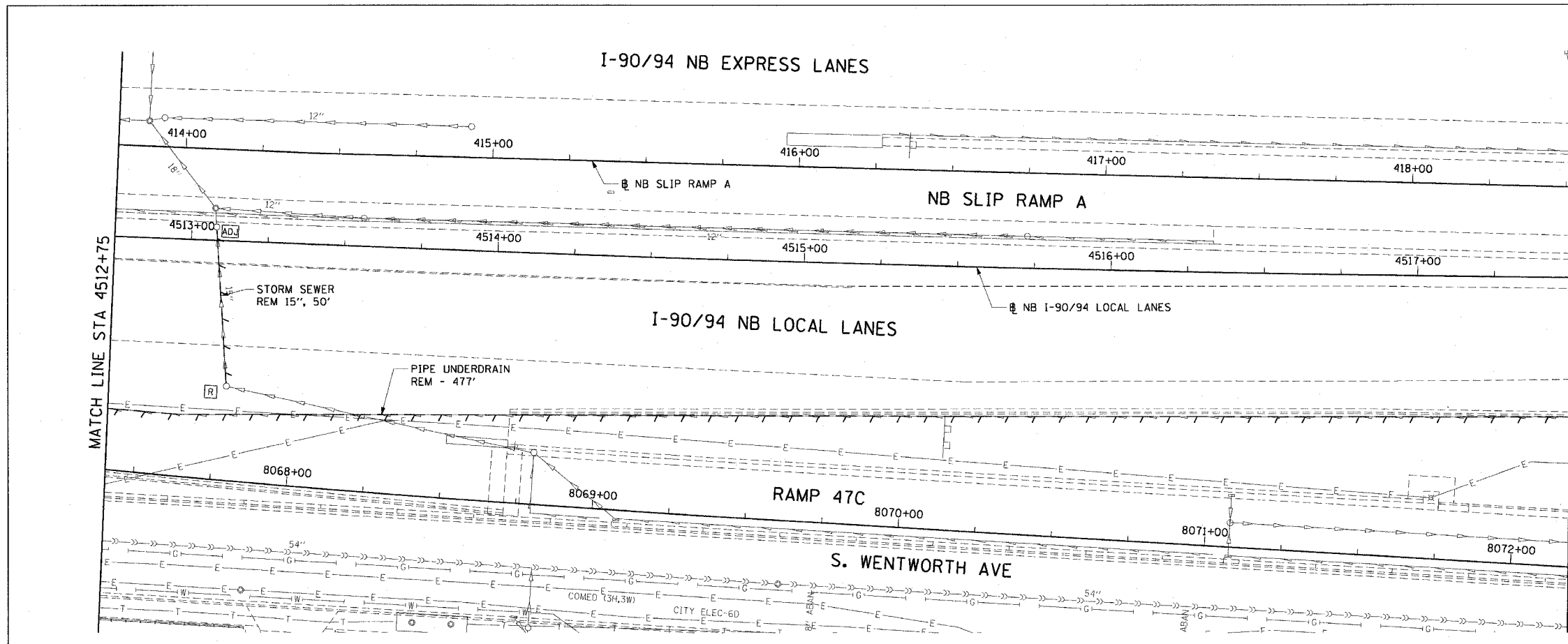
DU-24
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS
SCALE: 1"=20'
DATE: June 9, 2006
DRAWN BY: MDD
CHECKED BY: MS

CTE | AECOM

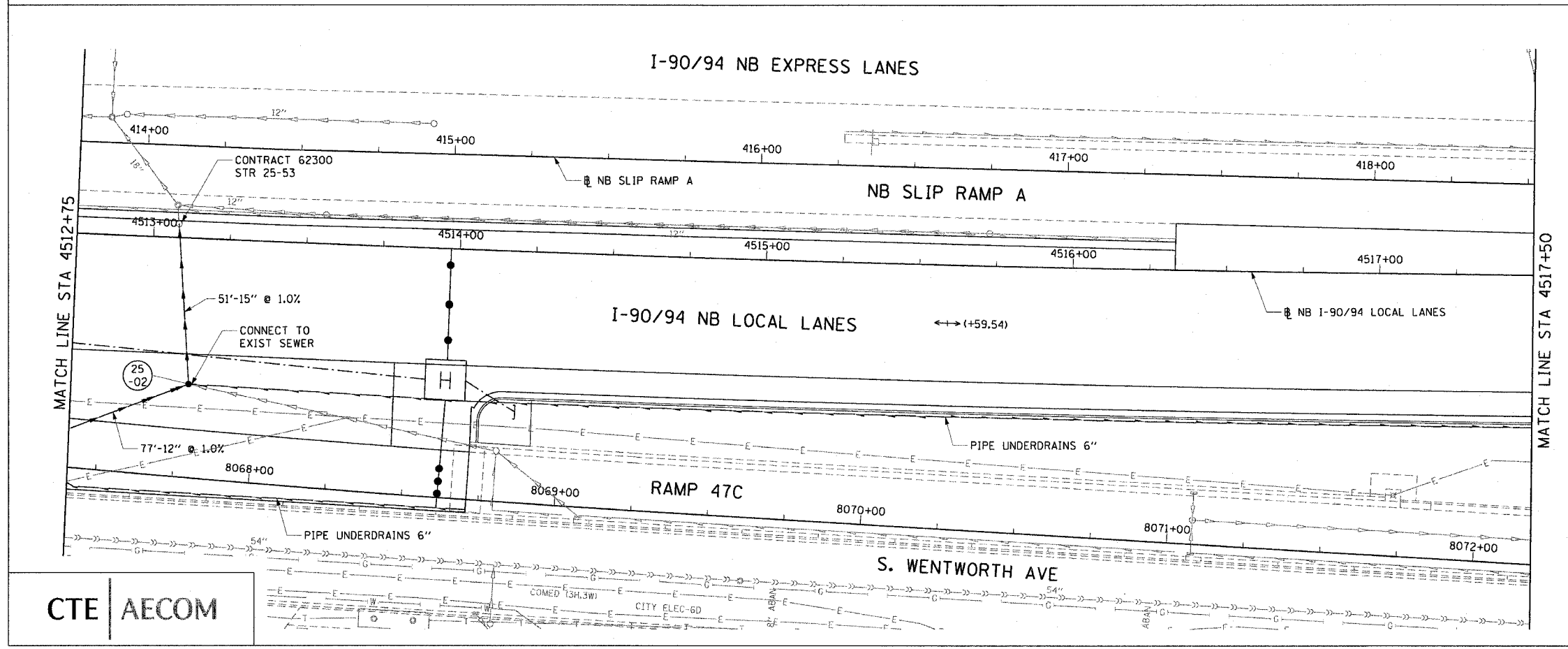
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	161
STA. 4508+00		TO STA. 4517+50		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		

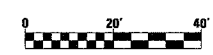
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EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- NOTES:
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DU-25

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

DRAINAGE AND UTILITY PLANS

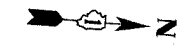
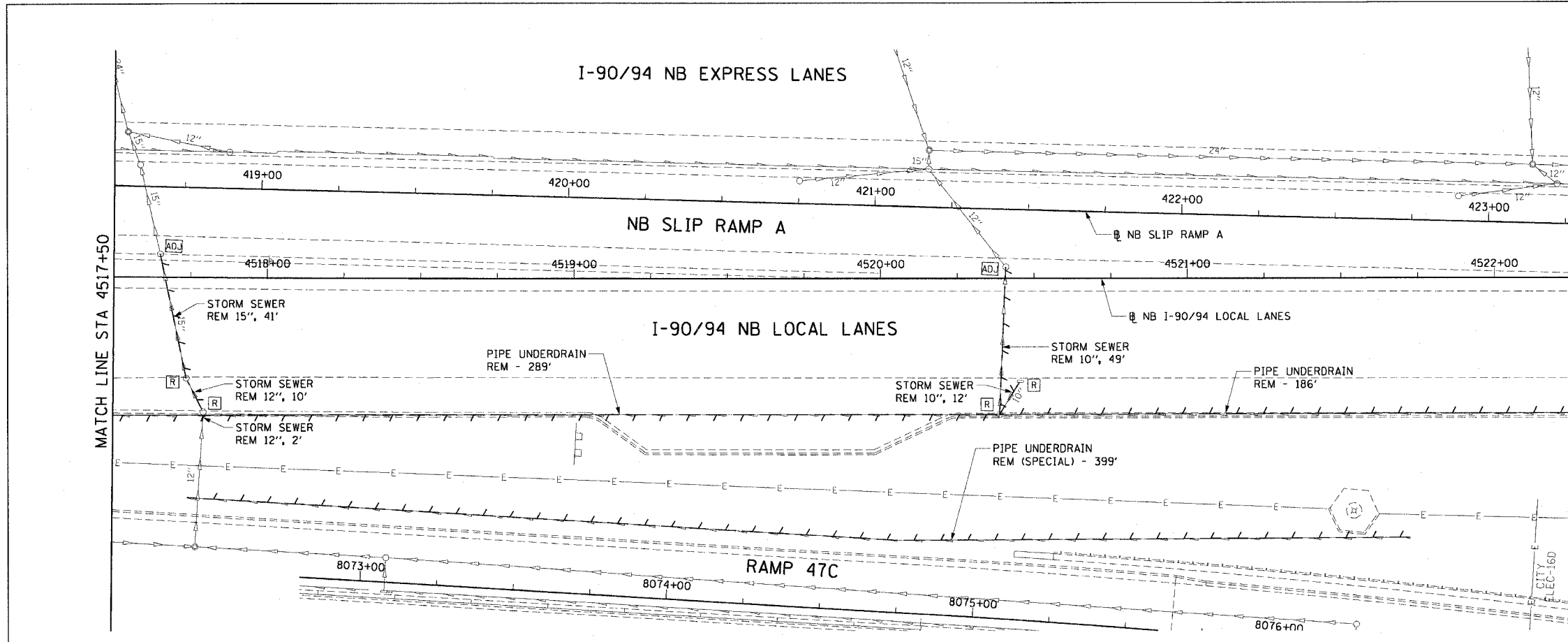
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DATE: June 9, 2006

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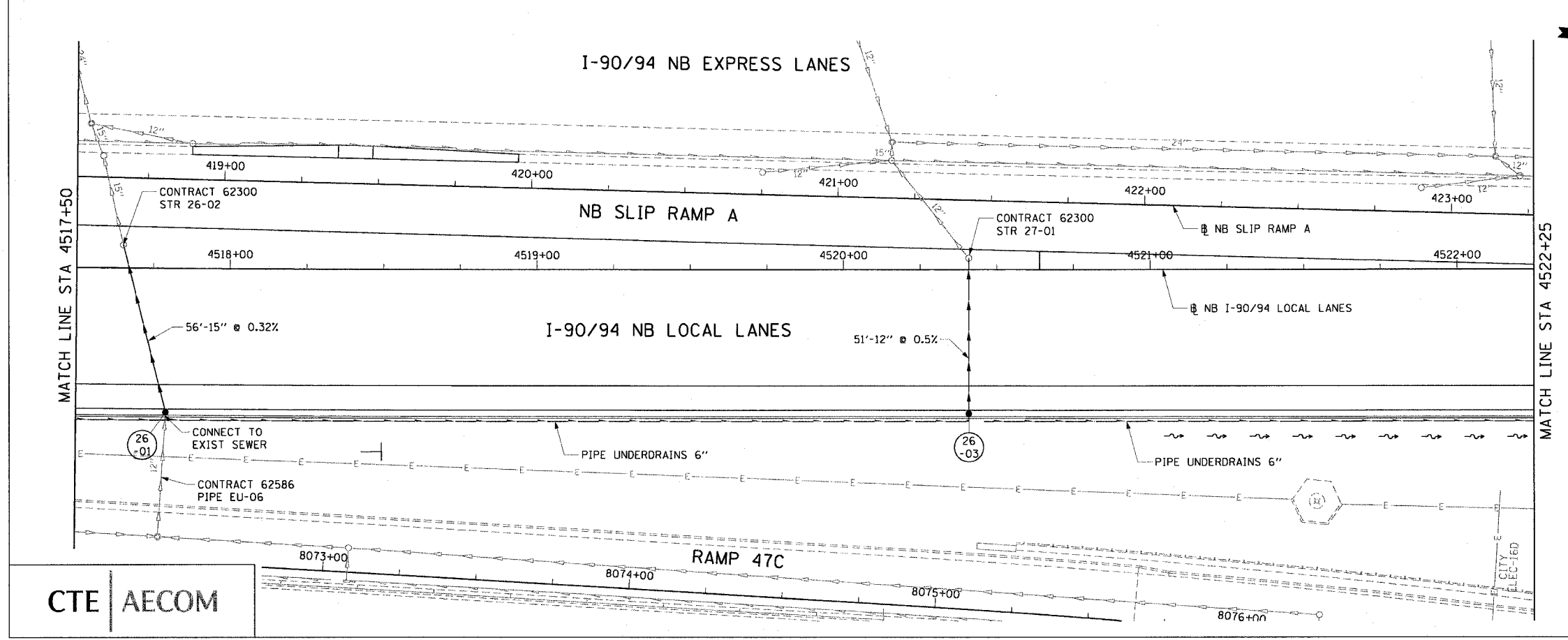
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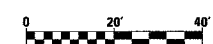
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	162
STA. 4517+50		TO STA. 4522+25		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

DRAINAGE AND UTILITY PLANS

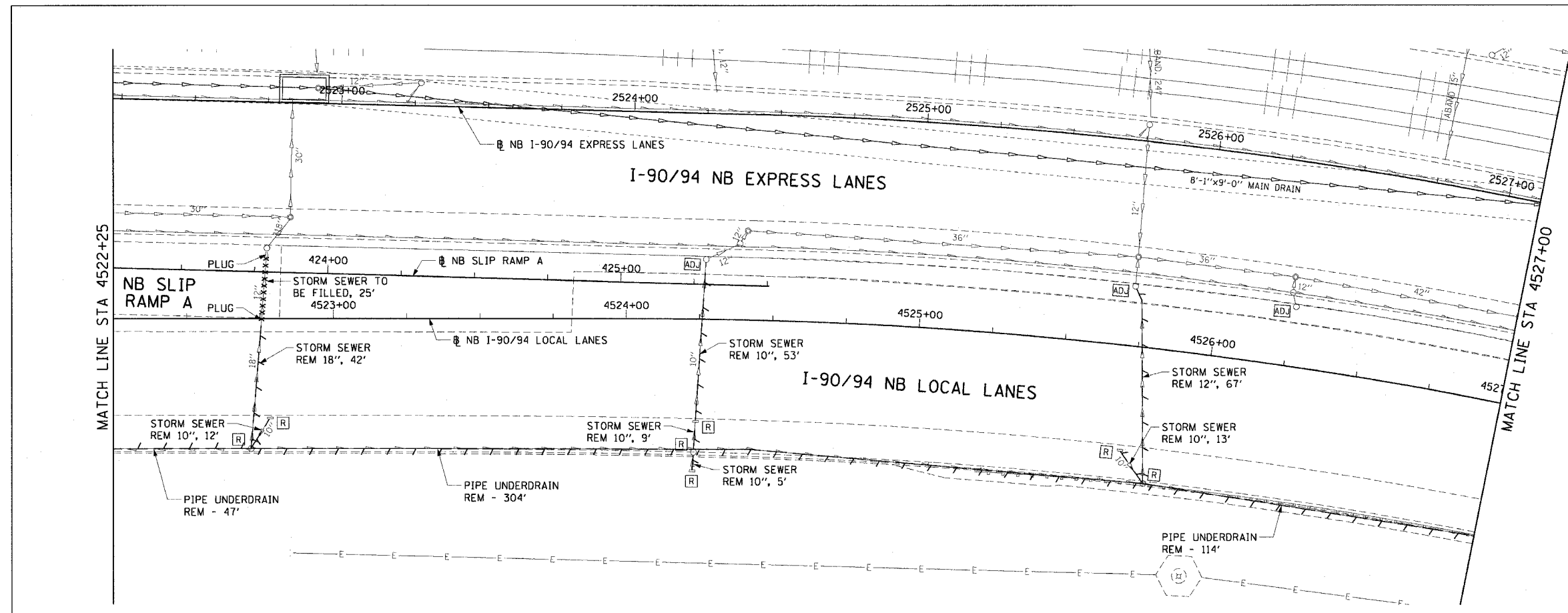
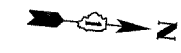
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DATE: June 9, 2006
DRAWN BY: MDD
CHECKED BY: MS

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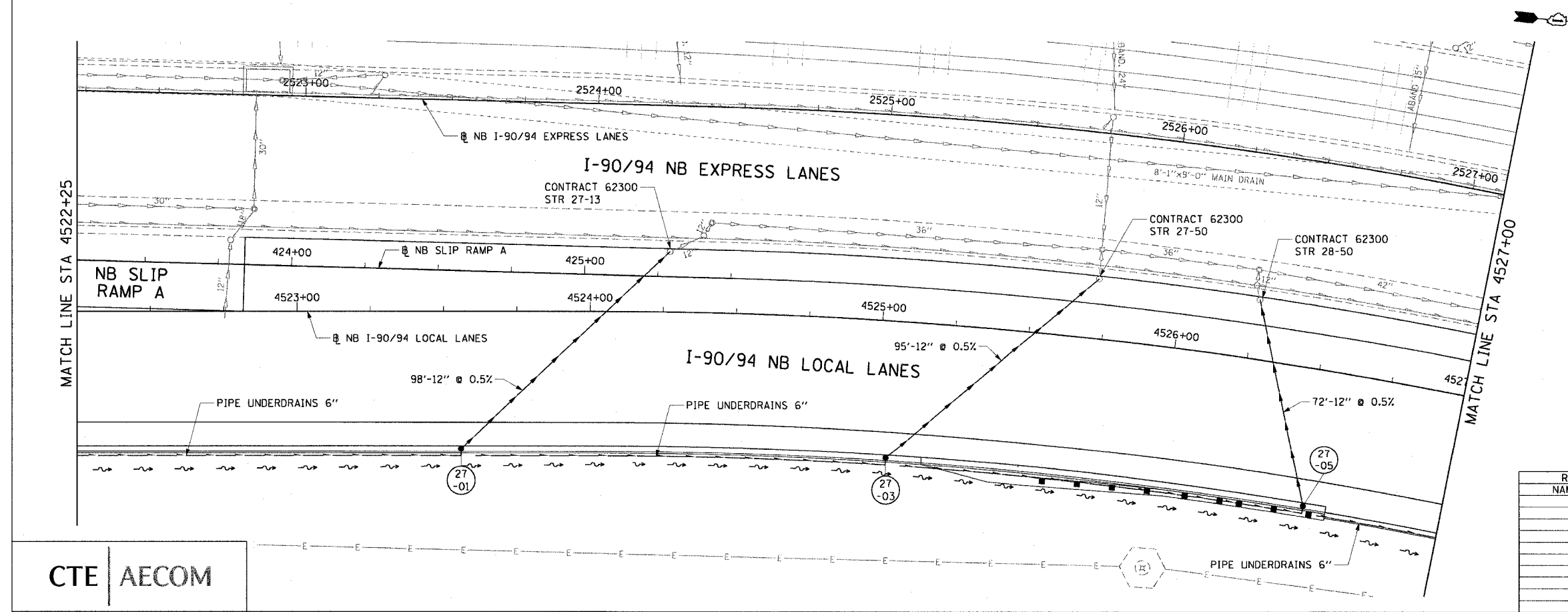
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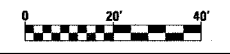
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	163
STA. 4522+25		TO STA. 4527+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



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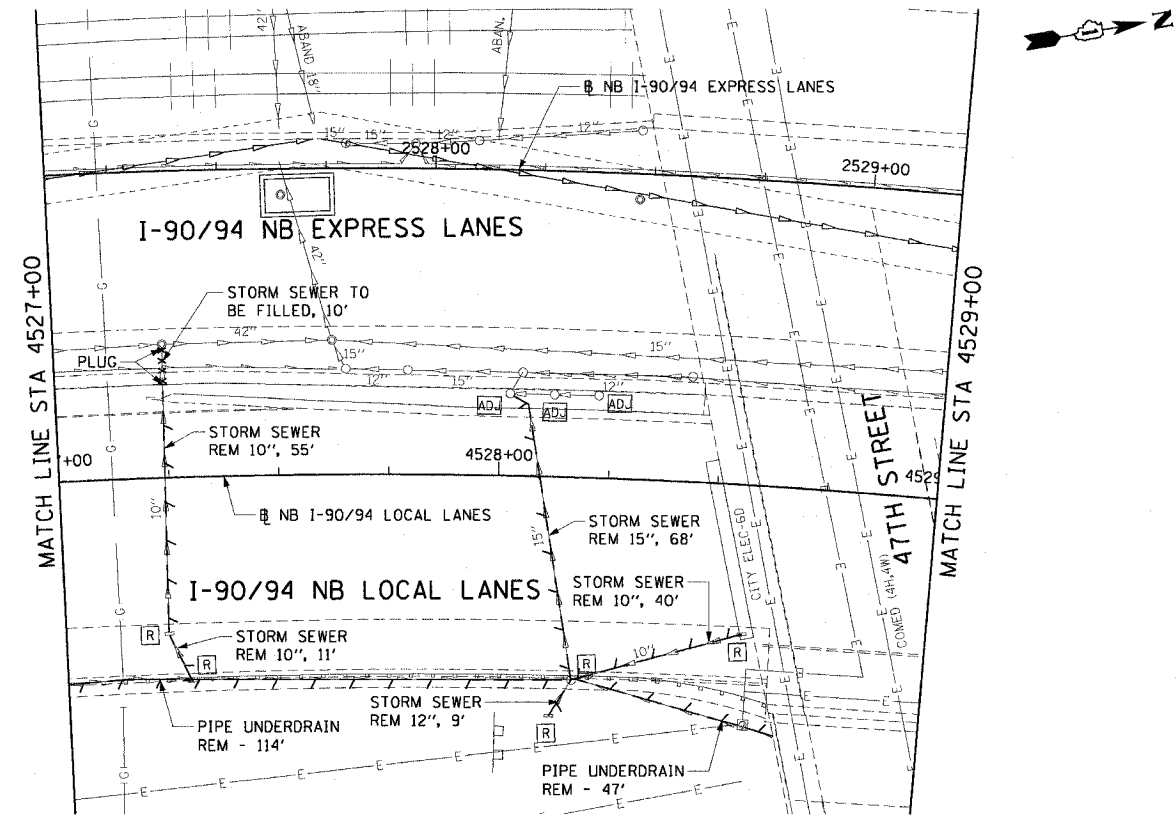
REVISIONS	
NAME	DATE

DU-27
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS
SCALE: 1"=20'
DATE: June 9, 2006
DRAWN BY: MDD
CHECKED BY: MS

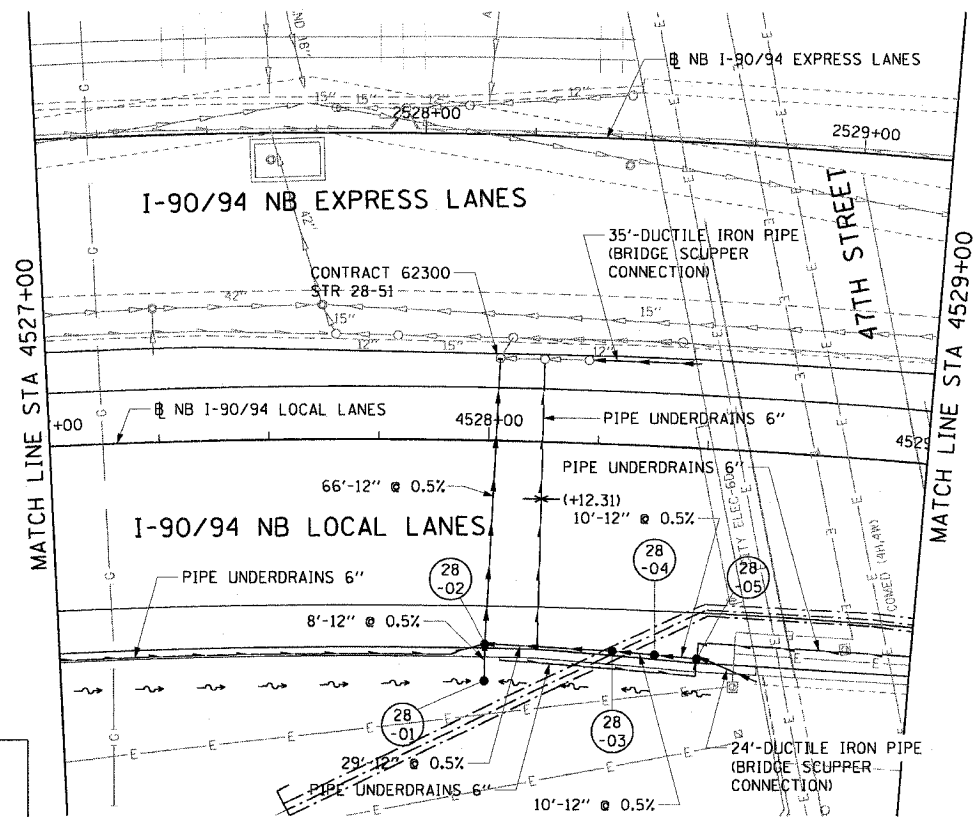
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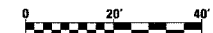
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	164
STA. 4527+00		TO STA. 4529+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 (2021-922 PT2 ETC 2324.6-1P) R-10				



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- NOTES:
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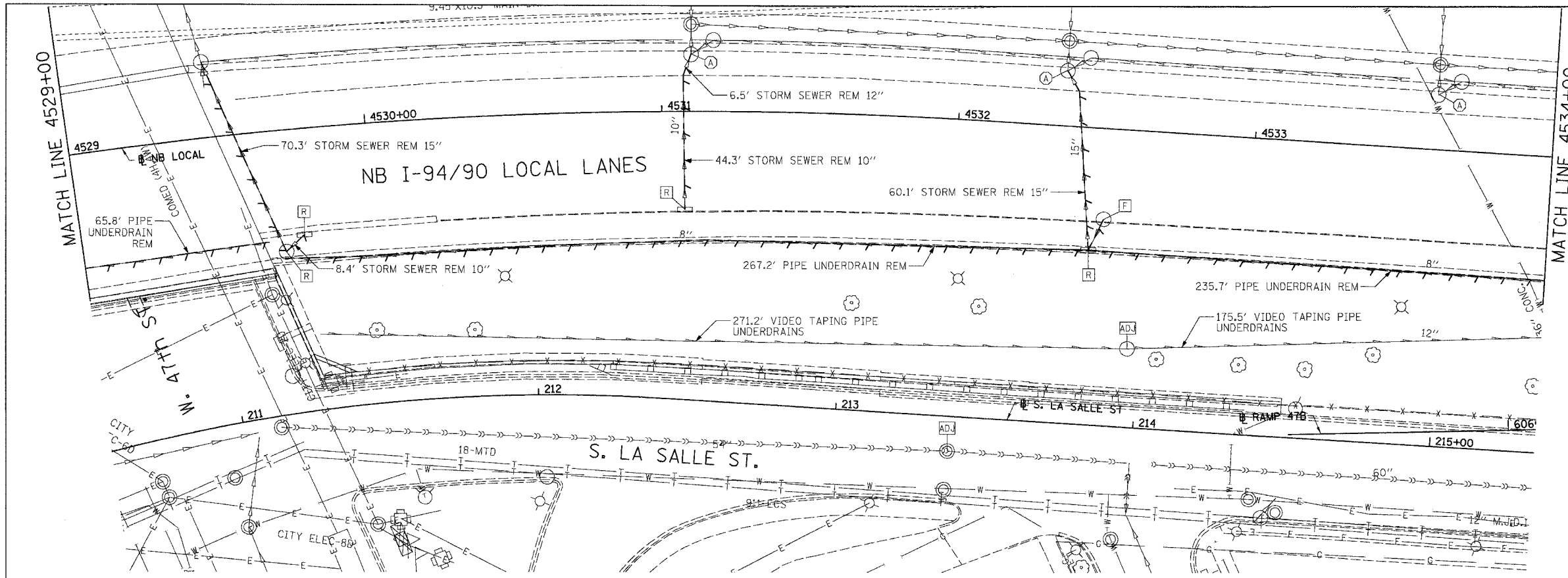
REVISIONS	
NAME	DATE

DU-28
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS
SCALE: 1"=20'
DATE: June 9, 2006
DRAWN BY: MDD
CHECKED BY: MS

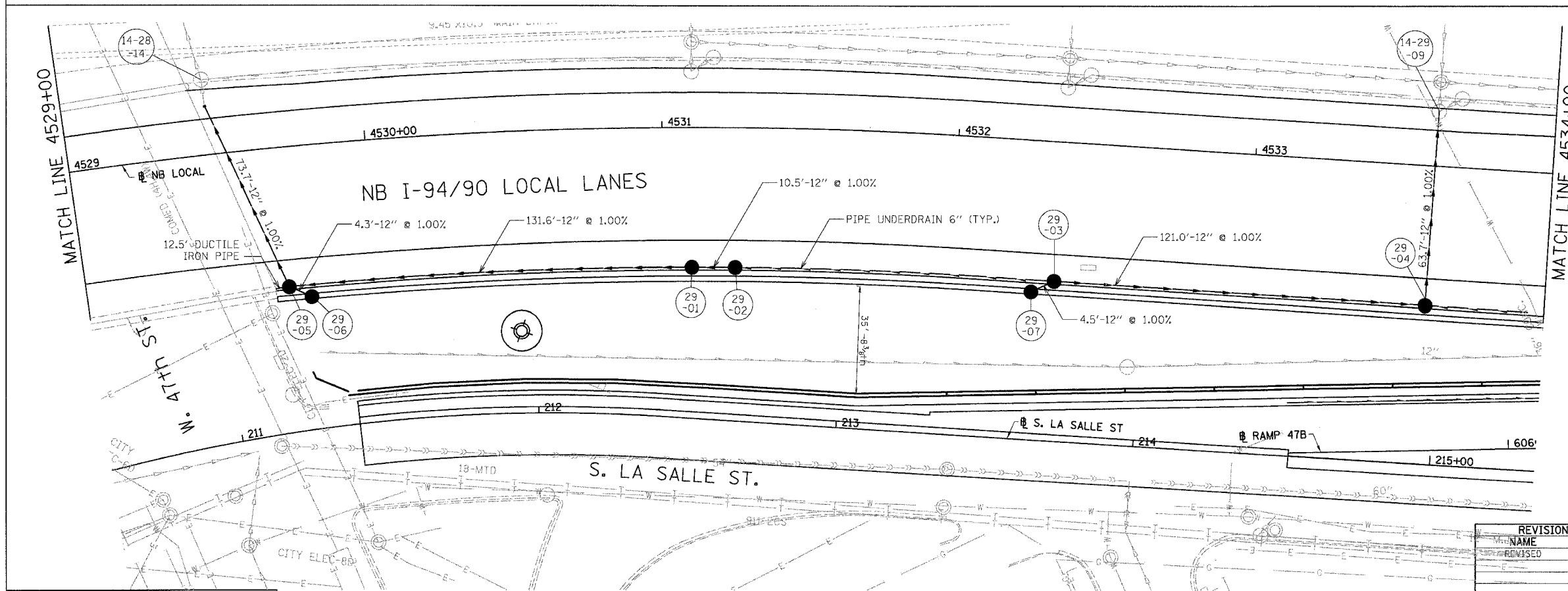
CTE | AECOM

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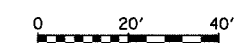
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	165
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	• (2021-922 PT2 ETC 2324.6-1PIR-10			



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



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DU-29

REVISIONS	
NO.	DATE
1	6/21/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

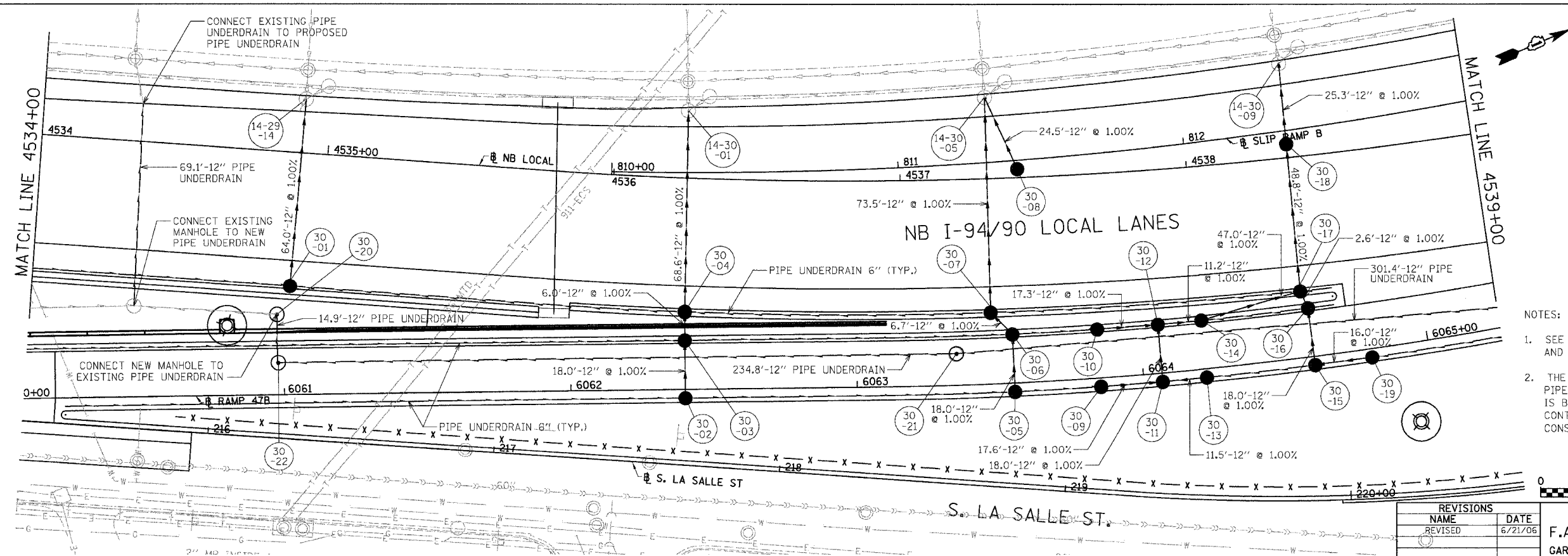
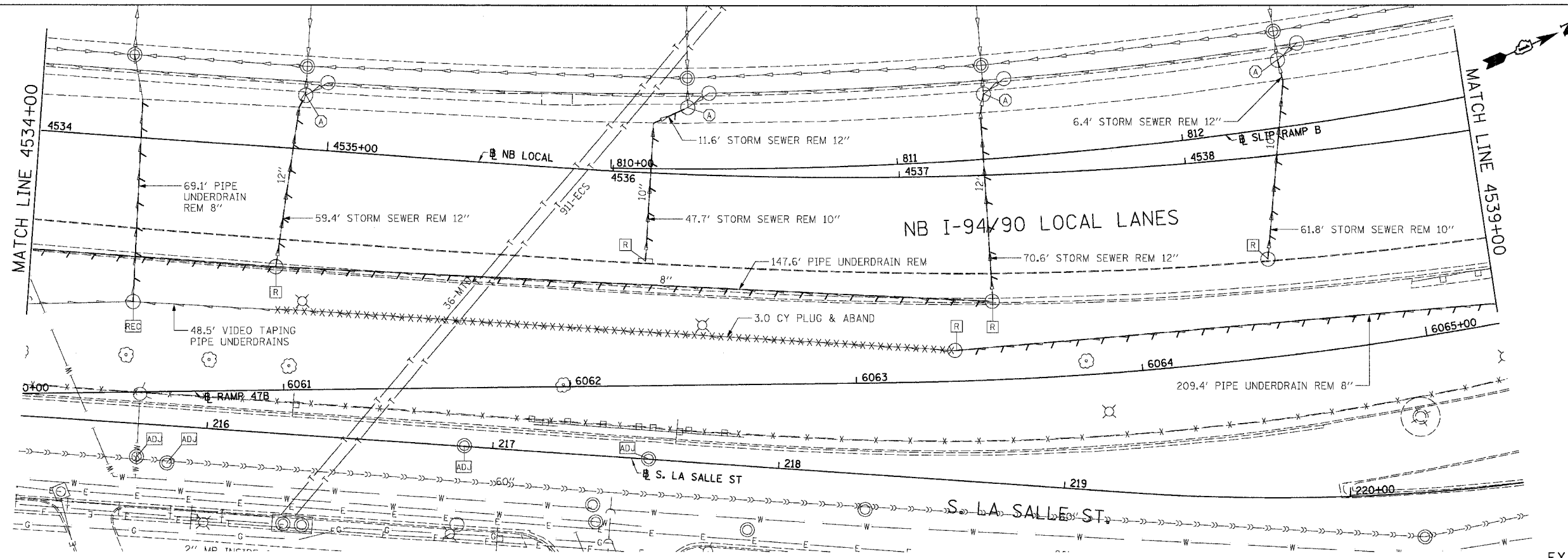
DRAINAGE AND UTILITY PLANS

SCALE: 1"=20'
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

6/21/2006 5:23:09 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	166
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301 • (2021-922 PT2 ETC 2324.6-1P)R-10				



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS

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DU-30

REVISIONS		DATE
NAME	REVISION	
		6/21/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

DRAINAGE AND UTILITY PLANS

SCALE: 1"=20'
DATE: 06/09/06

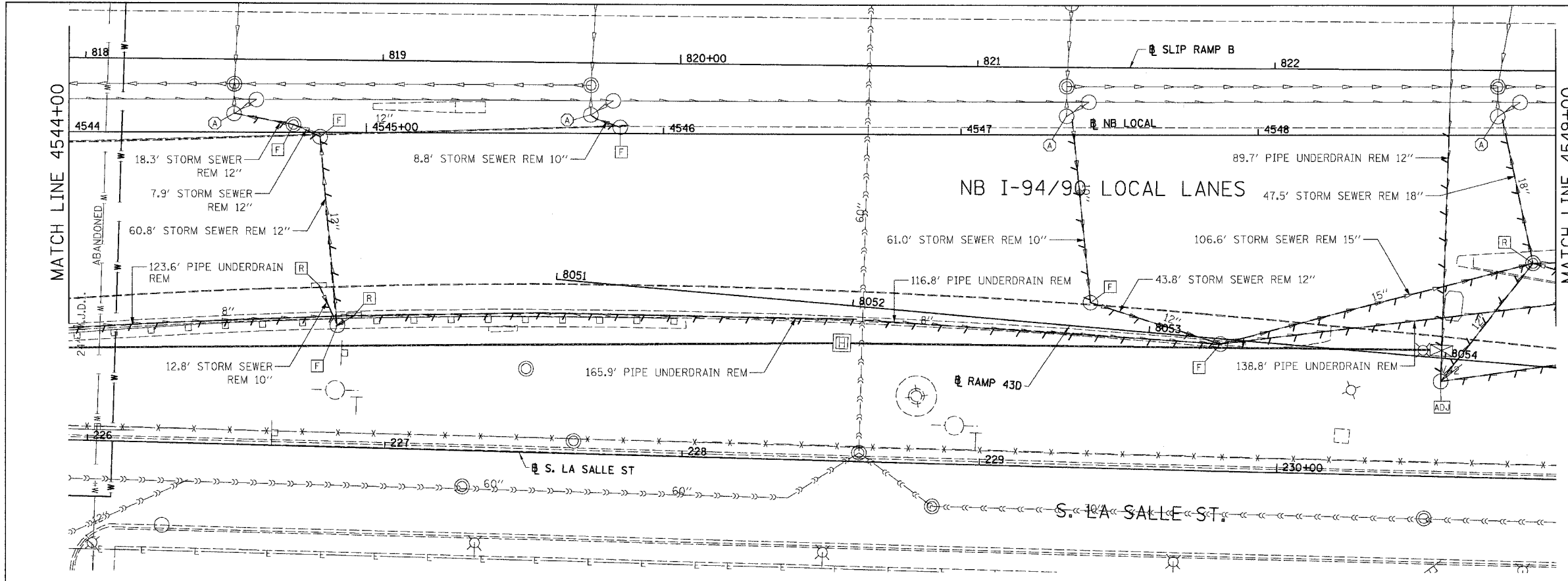
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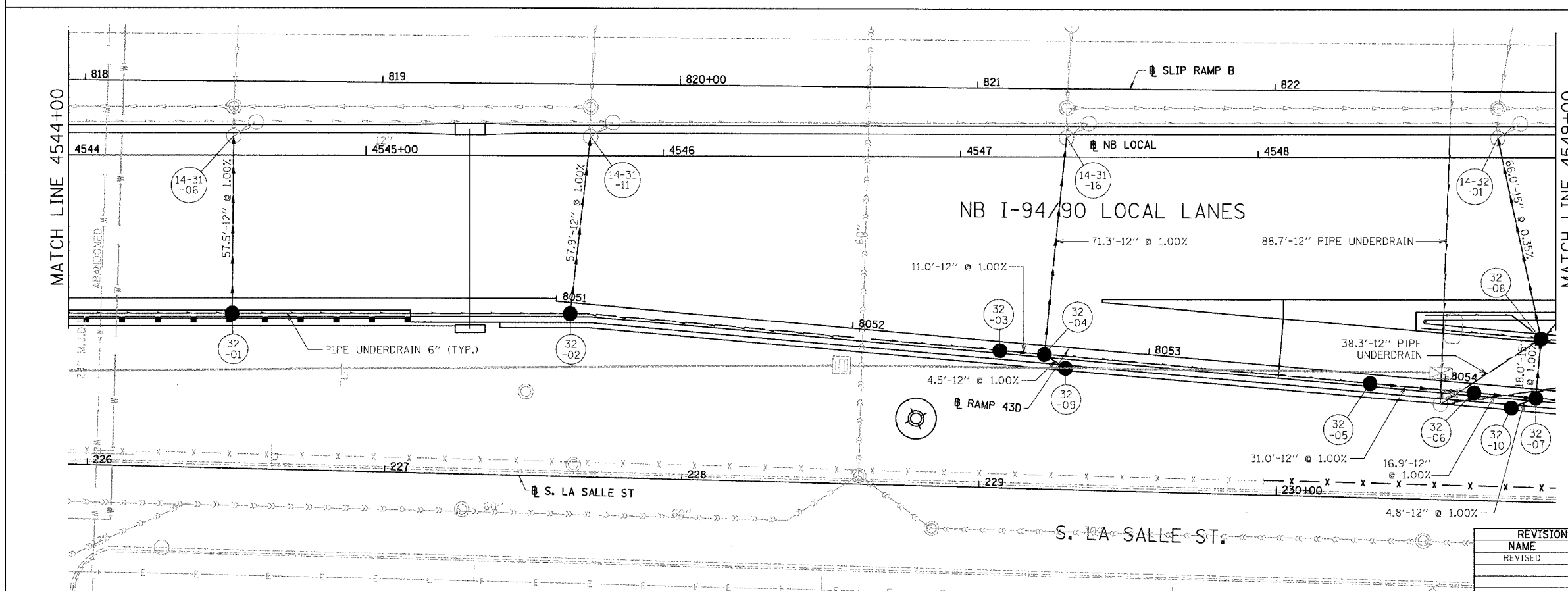
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	168
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301 • (2021-922 PT2 ETC 2324.6-1PIR-10				

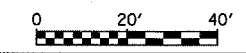
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EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- NOTES:
- SEE DRAINAGE SCHEDULES FOR STRUCTURE, PIPE AND UNDERDRAIN INFORMATION.
 - THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS, THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.



REVISIONS	
NAME	DATE
REVISED	6/21/06

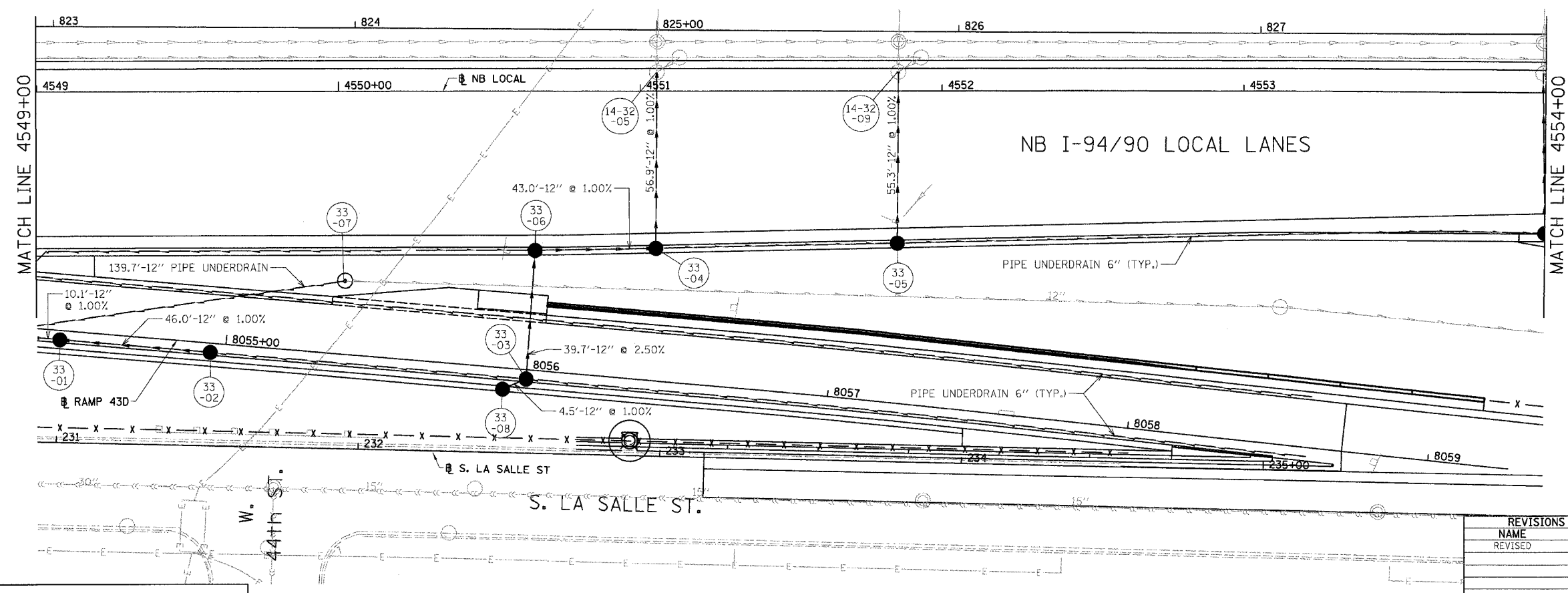
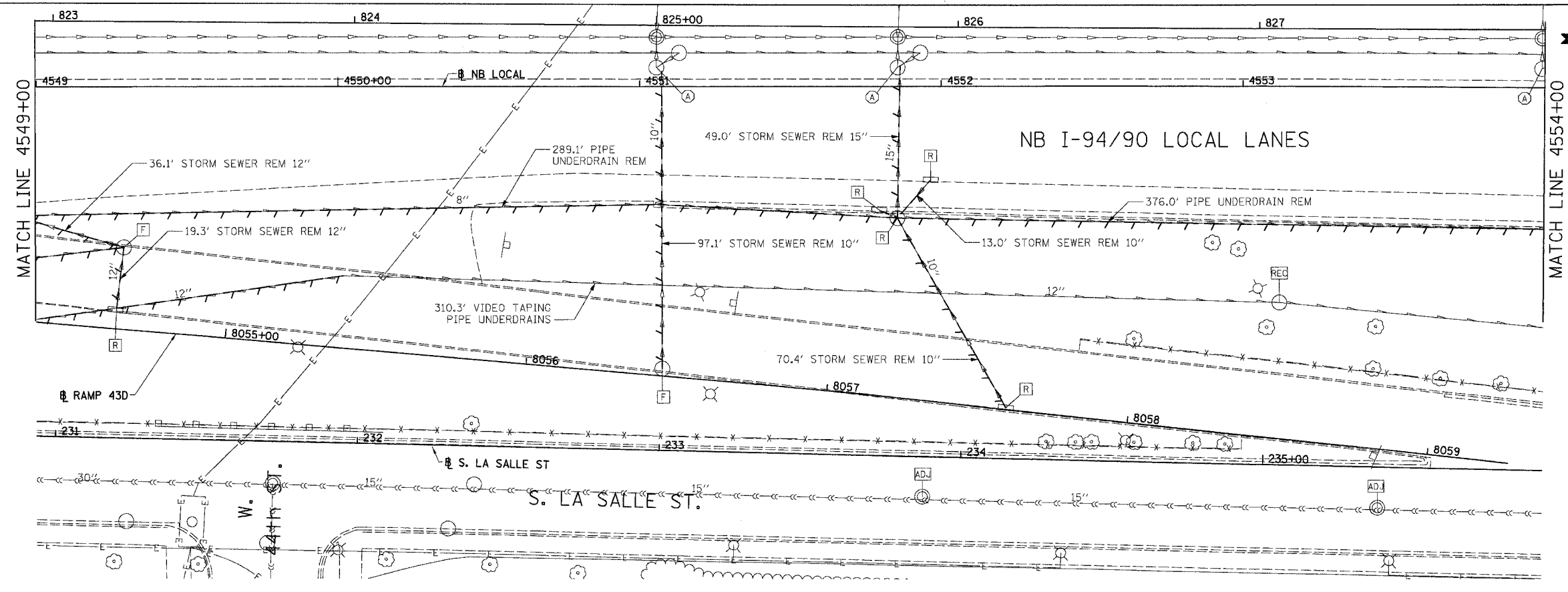
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS

SCALE: 1"=20'
DATE: 06/09/06

DRAWN BY: JAM
CHECKED BY: DDM

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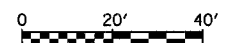
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	169
STA. 62301		TO STA. 2324.6-1P1R-10		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS

- NOTES:
- SEE DRAINAGE SCHEDULES FOR STRUCTURE, PIPE AND UNDERDRAIN INFORMATION.
 - THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS, THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.



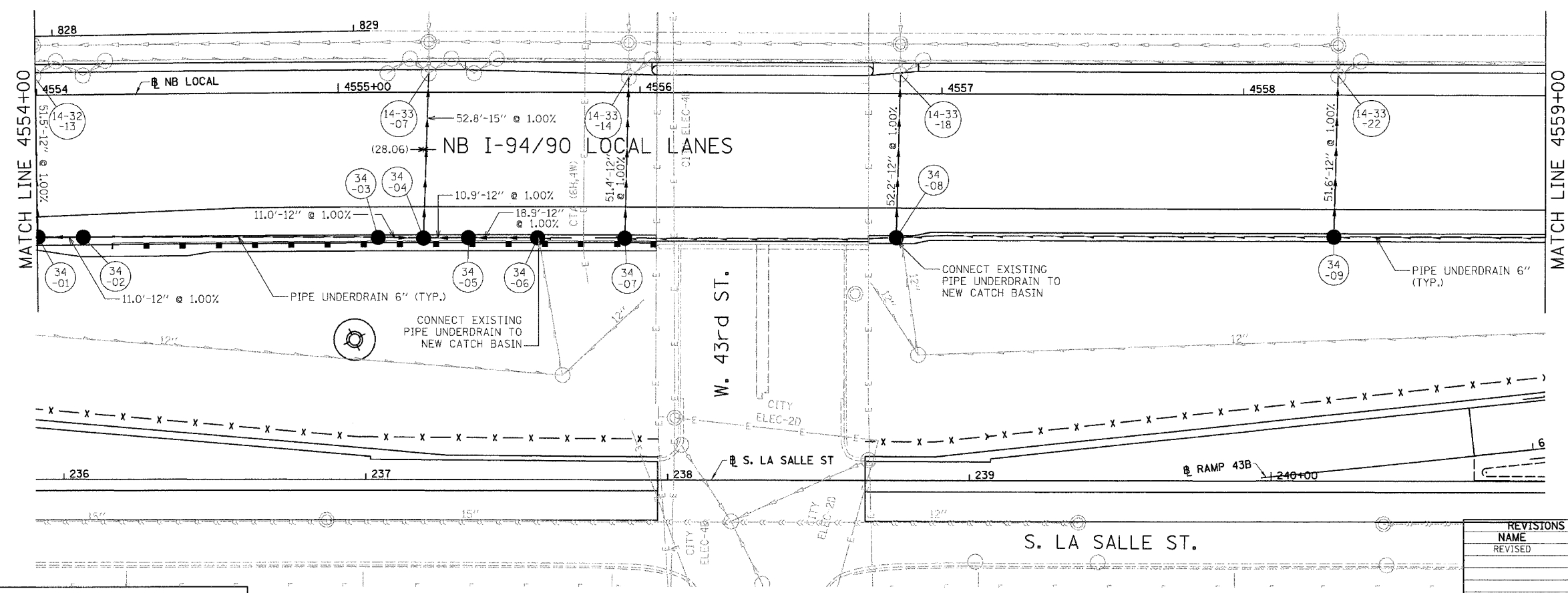
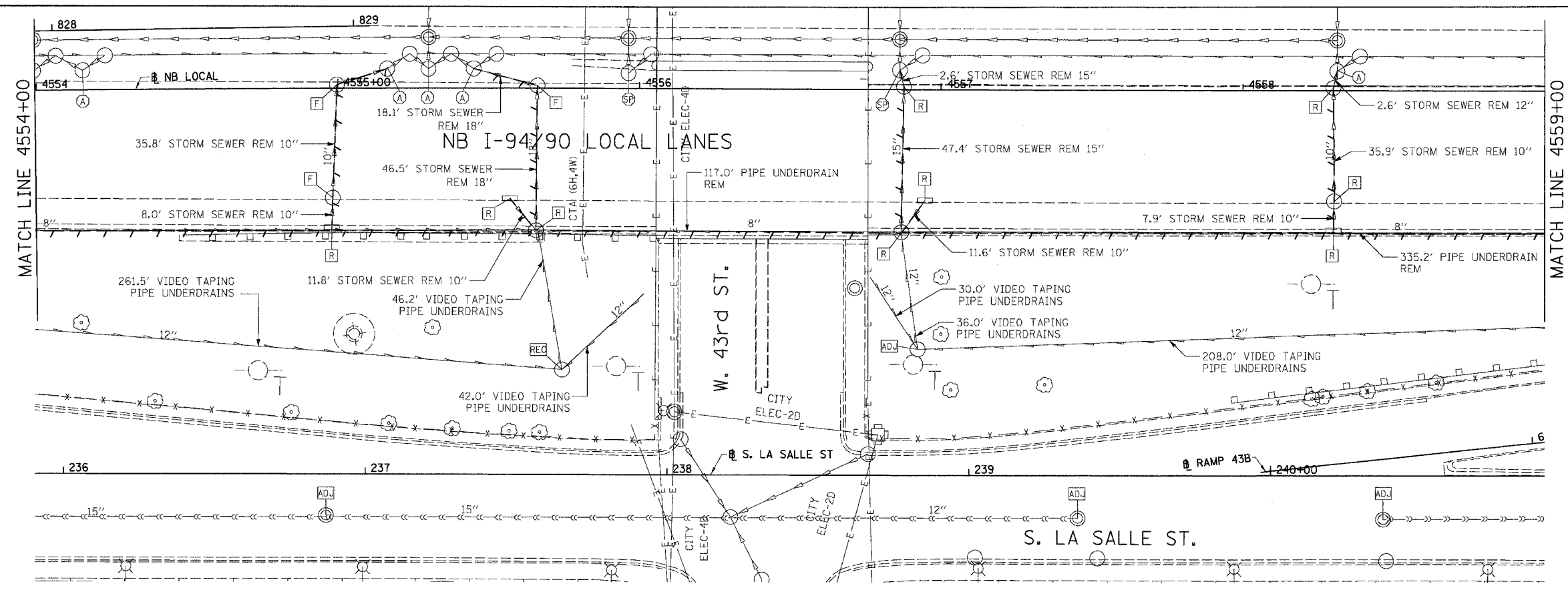
DU-33

REVISIONS	
NAME	DATE
REVISED	6/23/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS
SCALE: 1"=20'
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

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10-4151 AM 6/23/2006



F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	170
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301 • (2021-922 PT2 ETC 2324.6-1)PR-10				

EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS

- NOTES:
- SEE DRAINAGE SCHEDULES FOR STRUCTURE, PIPE AND UNDERDRAIN INFORMATION.
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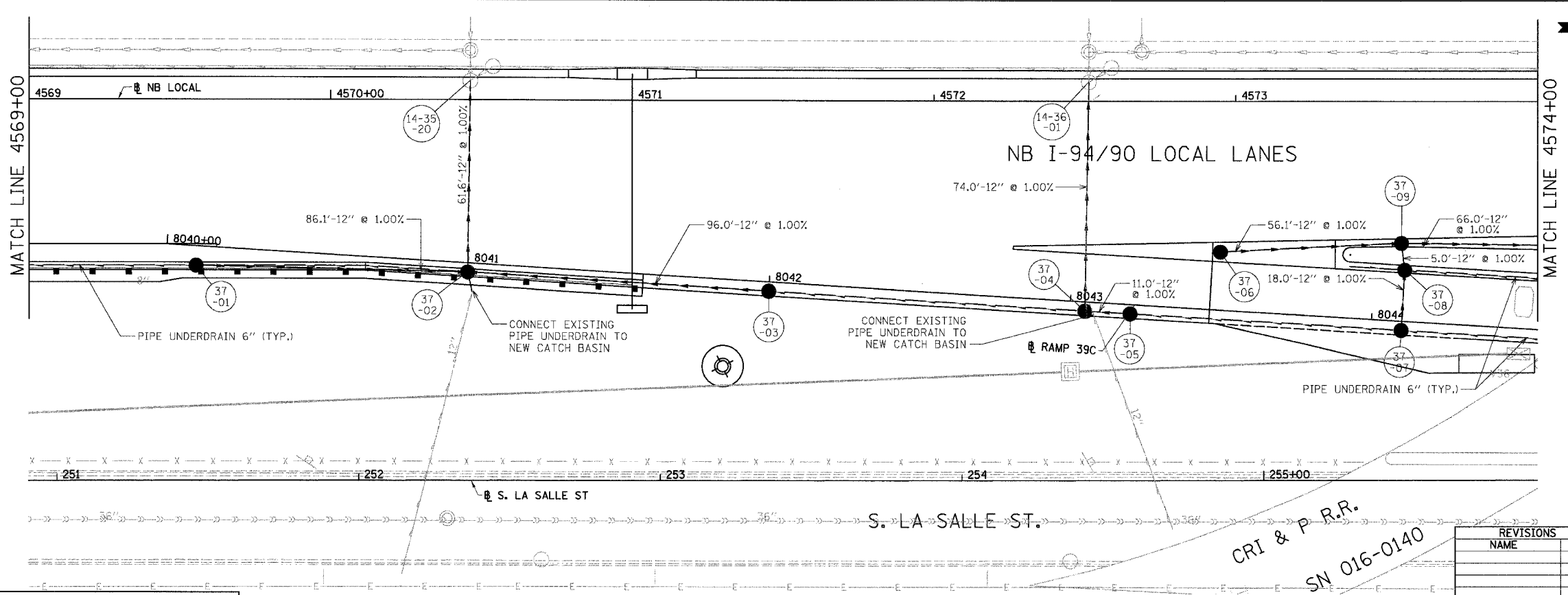
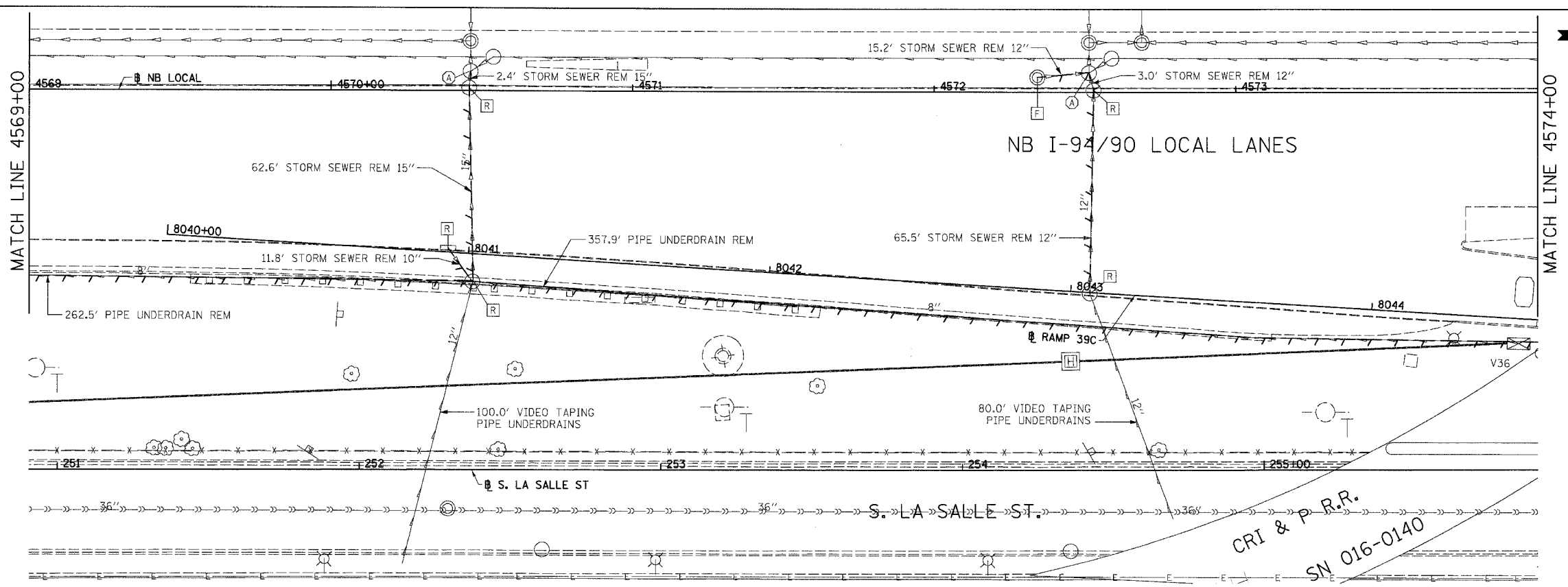
REVISIONS	
NAME	DATE
REVISED	6/23/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS
SCALE: 1"=20'
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

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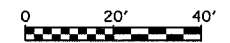
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	173
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62301		(2021-922 PT2 ETC 2324.6-1PIR-10		



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS

- NOTES:
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DU-37

REVISIONS	
NAME	DATE

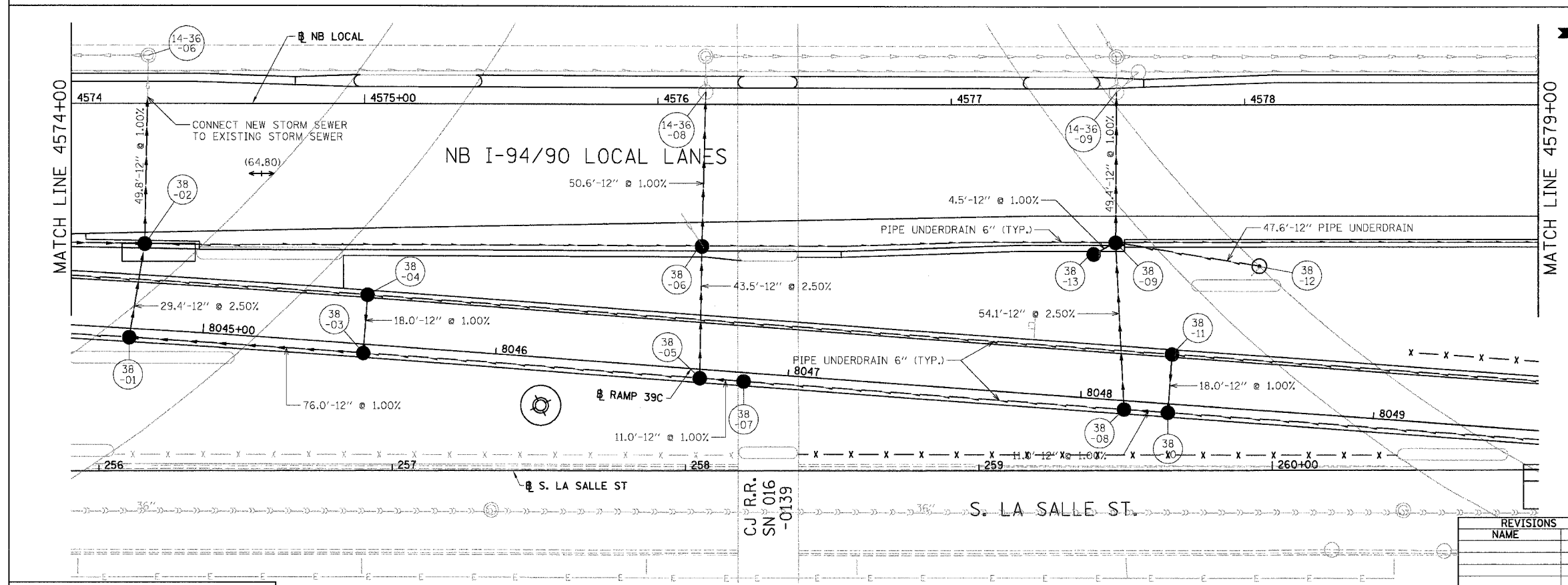
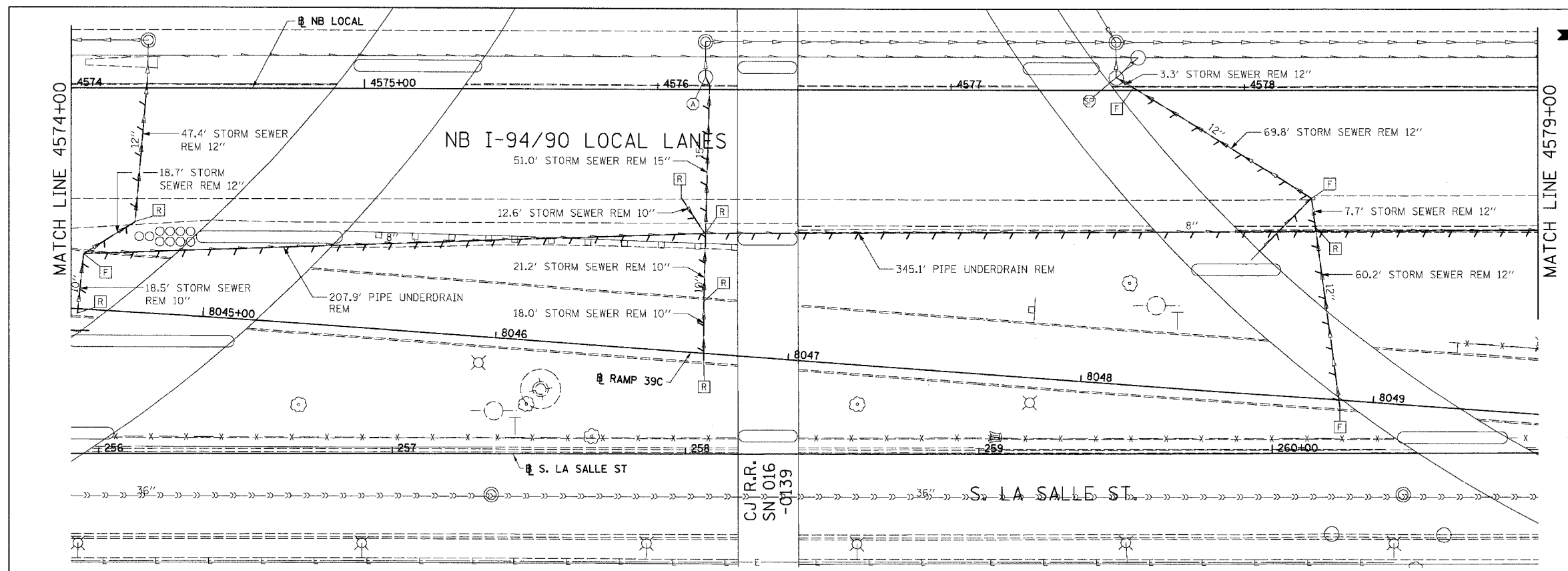
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS
SCALE: 1"=20'
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

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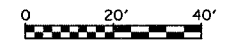
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94/90	*	COOK	565	174
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	• (2021-922 PT2 ETC 2324.6-1PR-10			



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS

NOTES:

1. SEE DRAINAGE SCHEDULES FOR STRUCTURE, PIPE AND UNDERDRAIN INFORMATION.
2. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS, THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.



DU-38

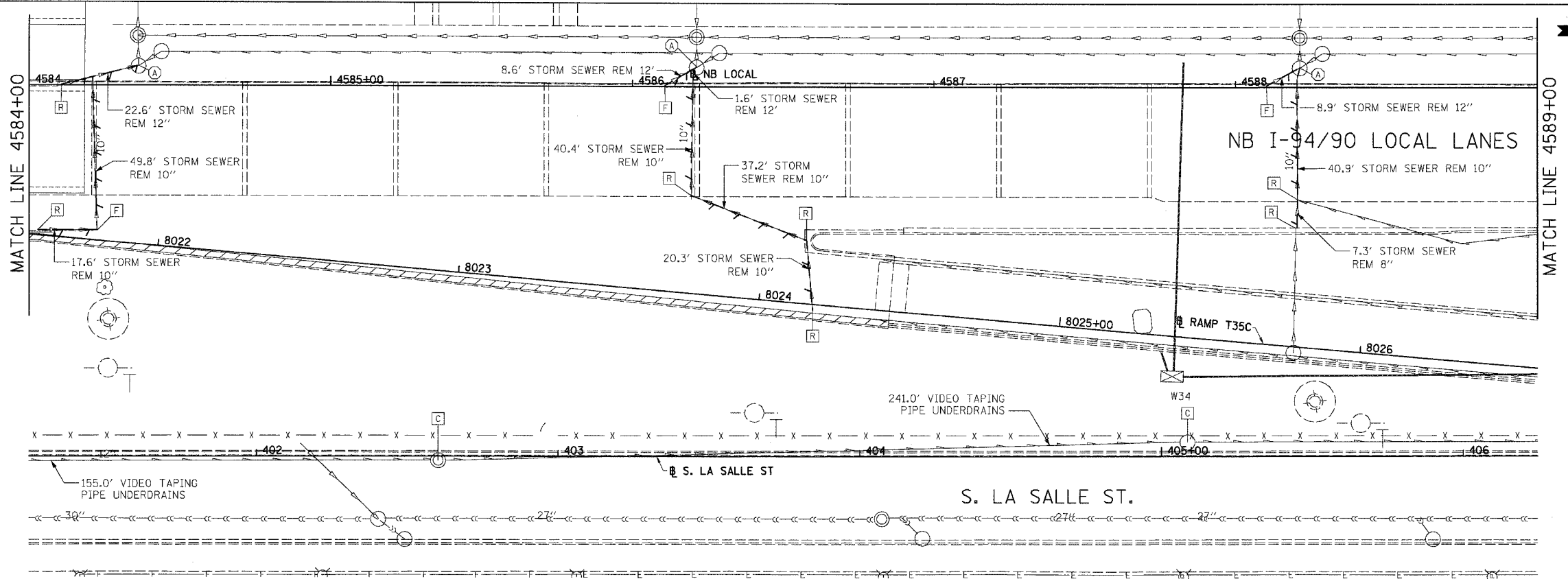
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS
SCALE: 1"=20'
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

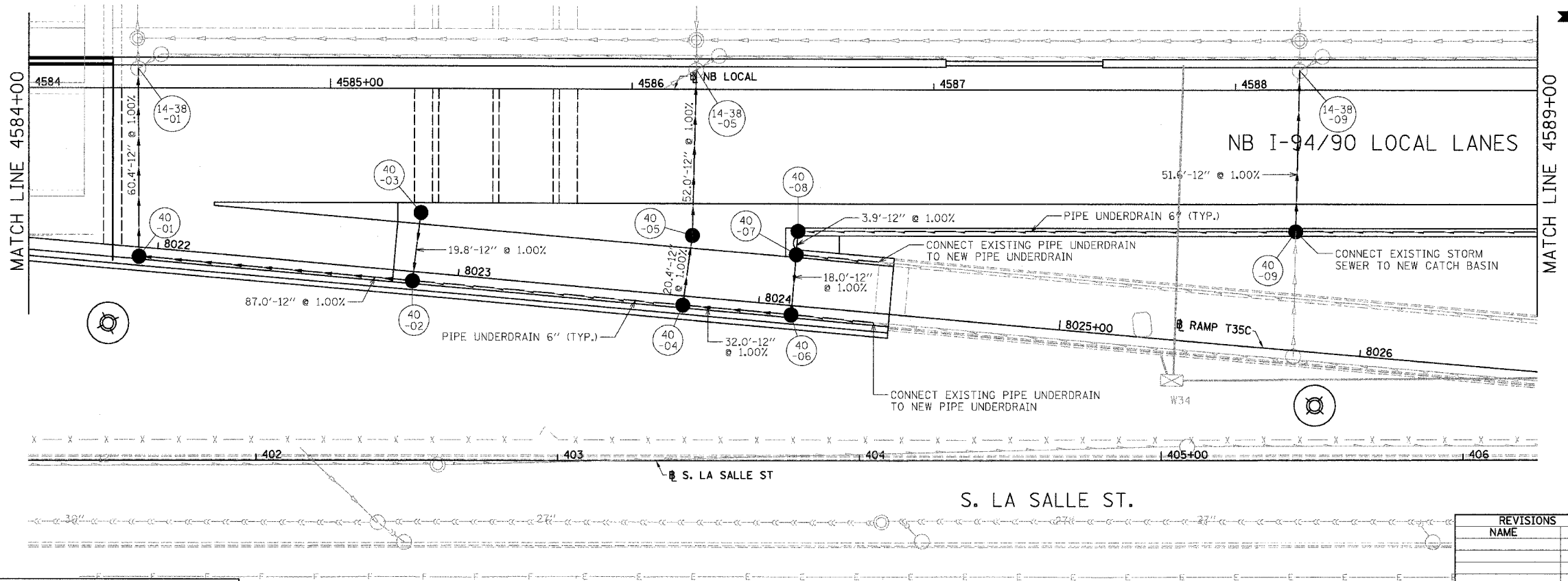
BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
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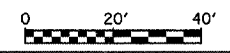
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	176
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62301		2021-922 PT2 ETC 2324,6-1P/R-10		



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- NOTES:
- SEE DRAINAGE SCHEDULES FOR STRUCTURE, PIPE AND UNDERDRAIN INFORMATION.
 - THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS, THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.



DU-40

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

DRAINAGE AND UTILITY PLANS

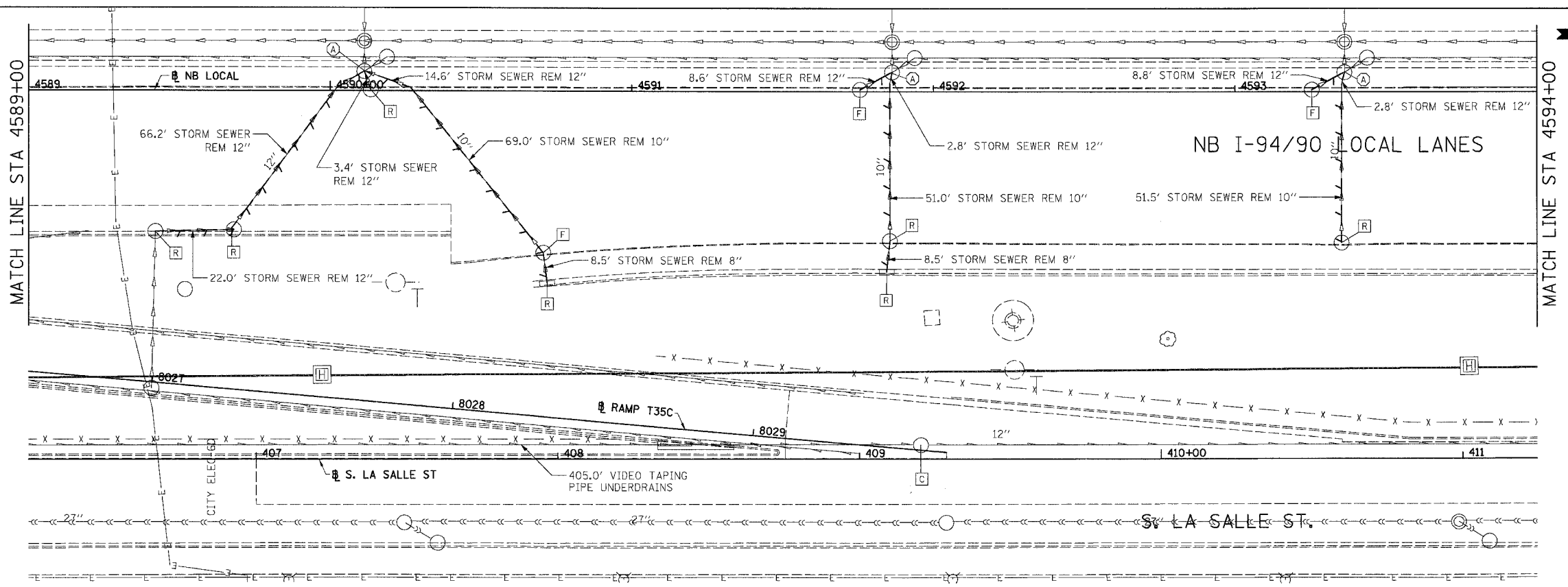
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DATE: 06/09/06
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CHECKED BY: DDM

REVISIONS	
NAME	DATE

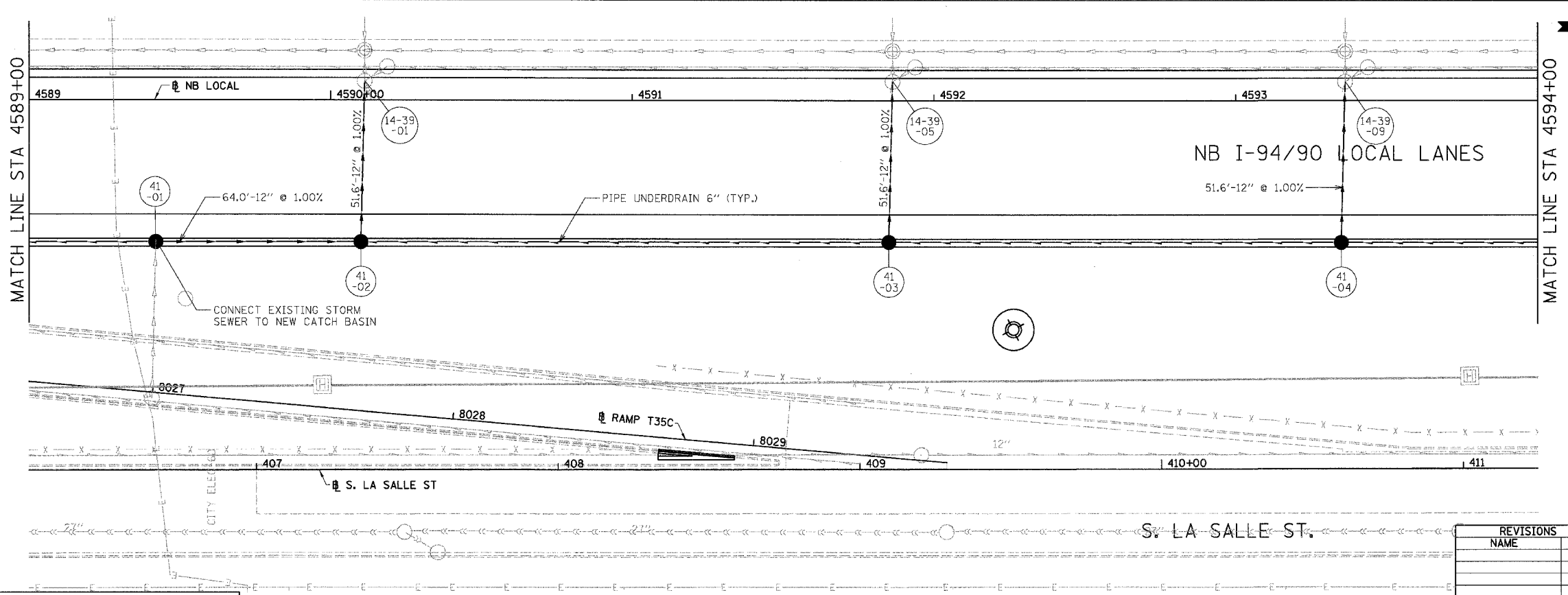
BOWMAN, BARRETT & ASSOCIATES INC.
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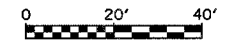
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94/90		COOK	565	177
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301		12021-922 PT2 ETC 2324.6-1P/R-10		



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- NOTES:
- SEE DRAINAGE SCHEDULES FOR STRUCTURE, PIPE AND UNDERDRAIN INFORMATION.
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DU-41

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS

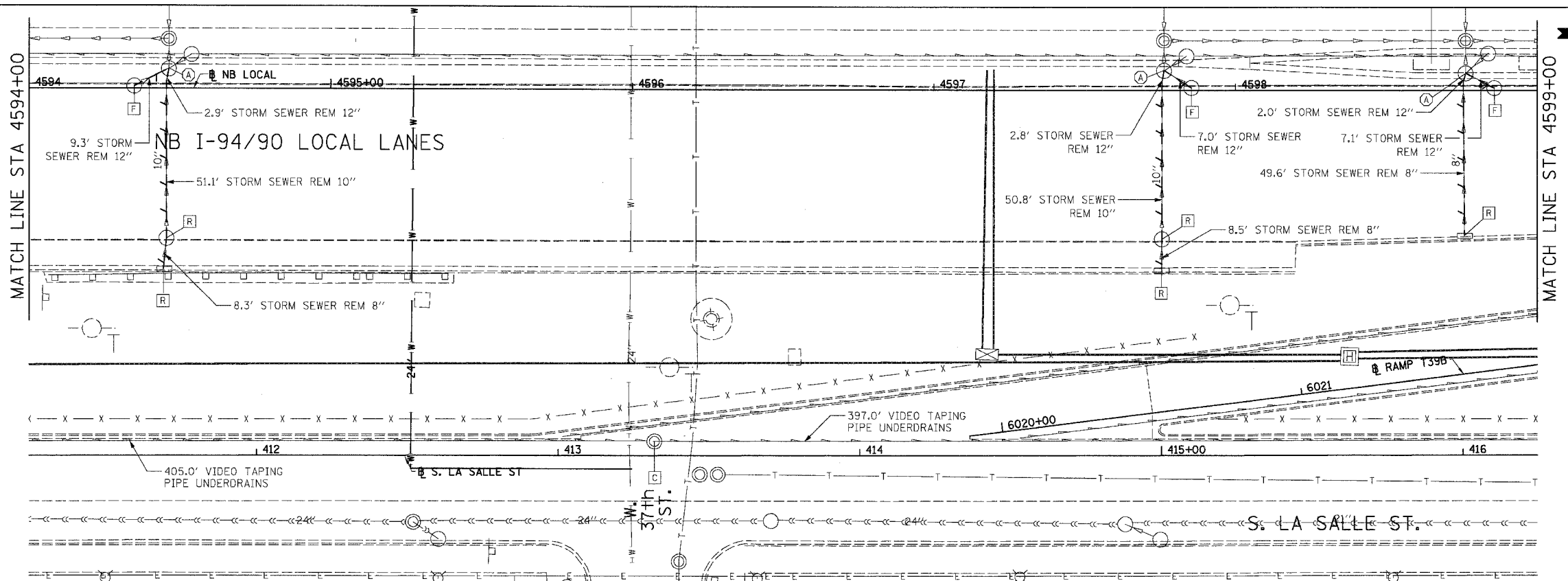
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DATE: 06/09/06

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CHECKED BY: DDM

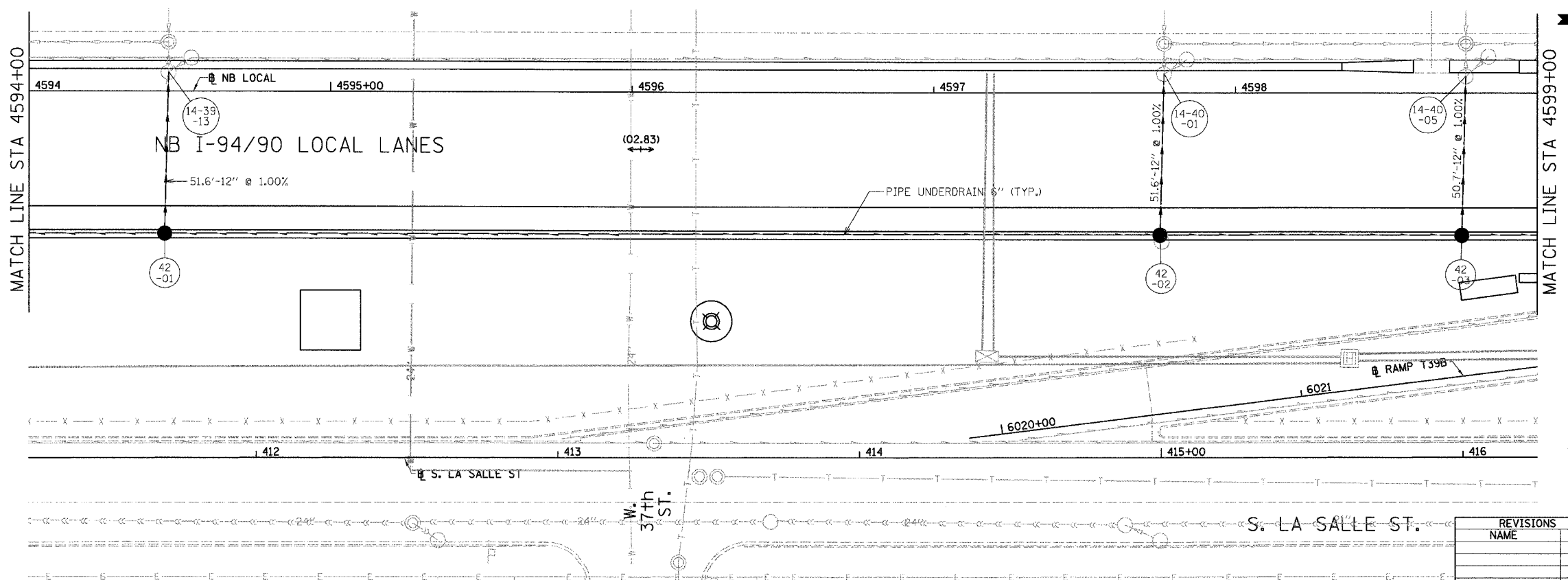
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	178
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
62301		• (2021-922 PT2 ETC 2324.6-IP/R-10		



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- NOTES:
- SEE DRAINAGE SCHEDULES FOR STRUCTURE, PIPE AND UNDERDRAIN INFORMATION.
 - THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS, THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.



DU-42

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

DRAINAGE AND UTILITY PLANS

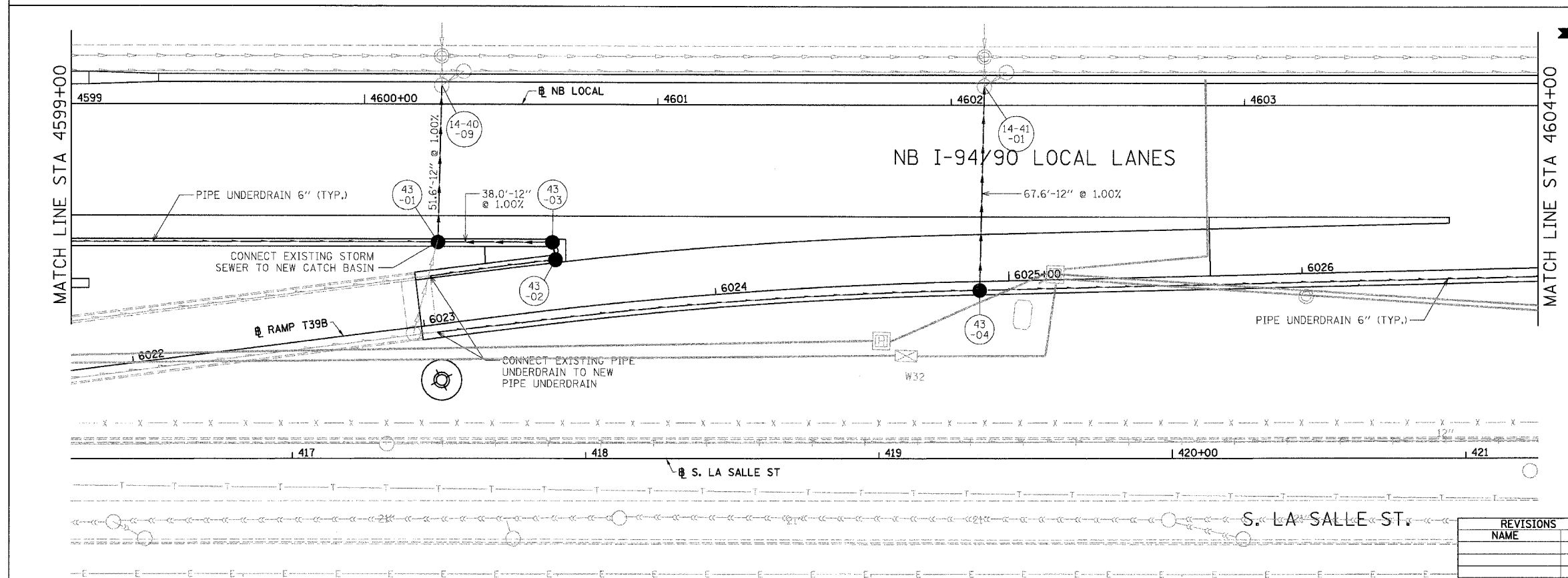
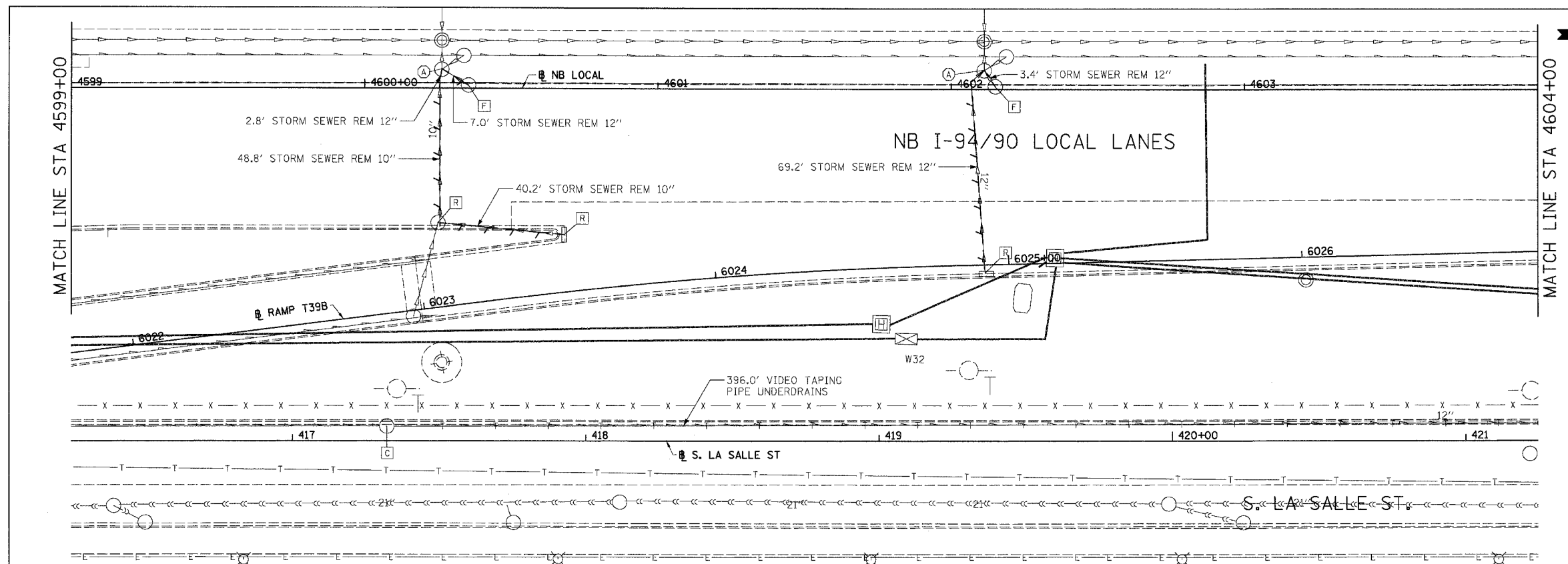
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DATE: 06/09/06
DRAWN BY: JAM
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REVISIONS	NAME	DATE

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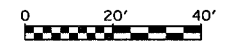
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	179
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	• (2021-922 PT2 ETC 2324.6-1P1R-10			



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS

- NOTES:
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DU-43

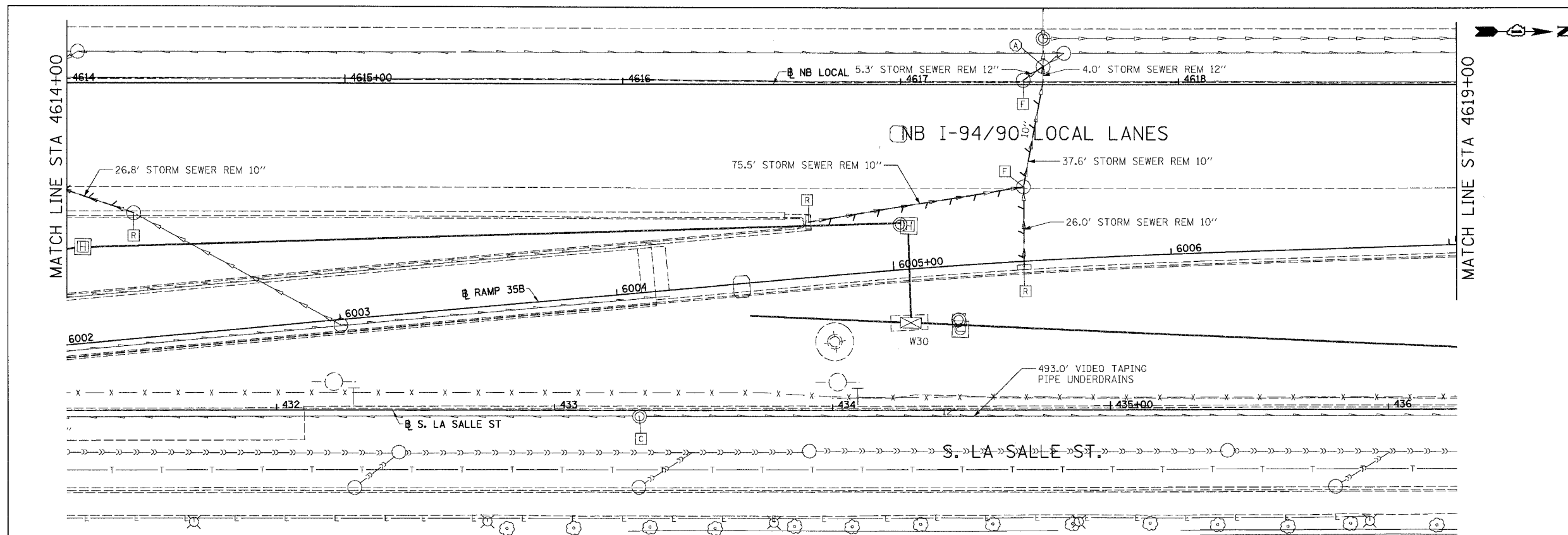
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS
SCALE: 1"=20'
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

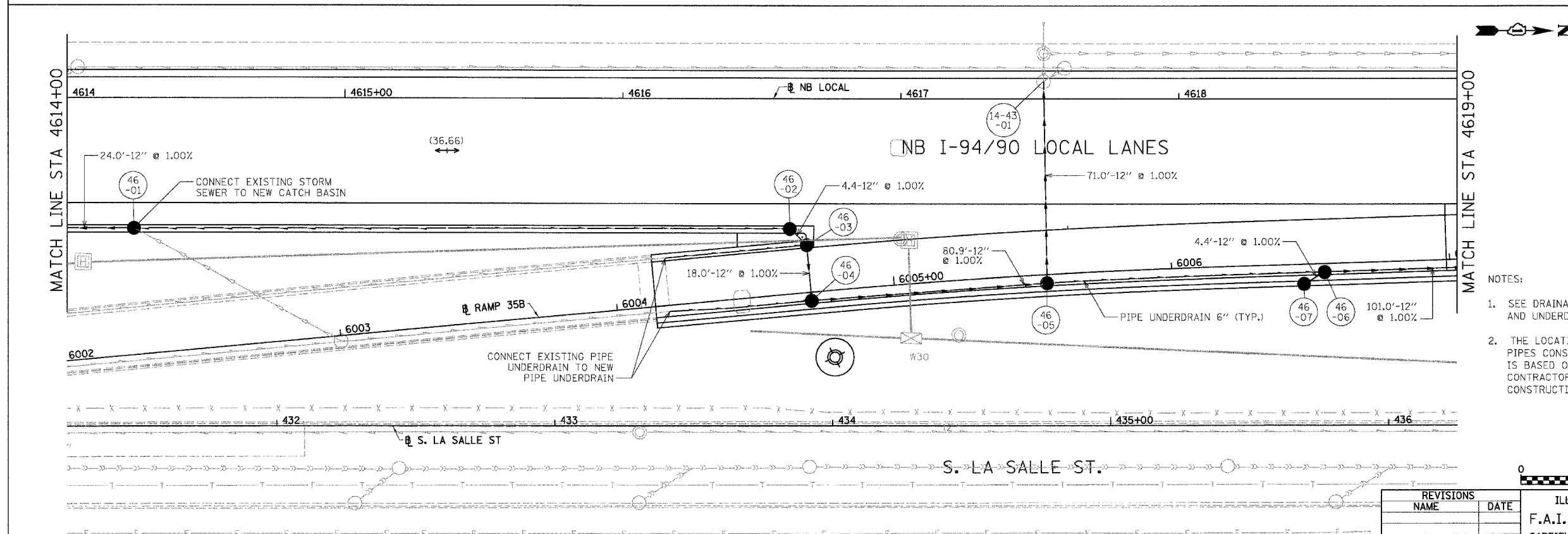
BOWMAN, BARRETT & ASSOCIATES INC.
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312.228.0100
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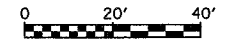
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94/90		COOK	565	182
STA.	TO STA.			
62301	* (2021-922 PT2 ETC 2324.6-1P)R-10			



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- NOTES:
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DU-46

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

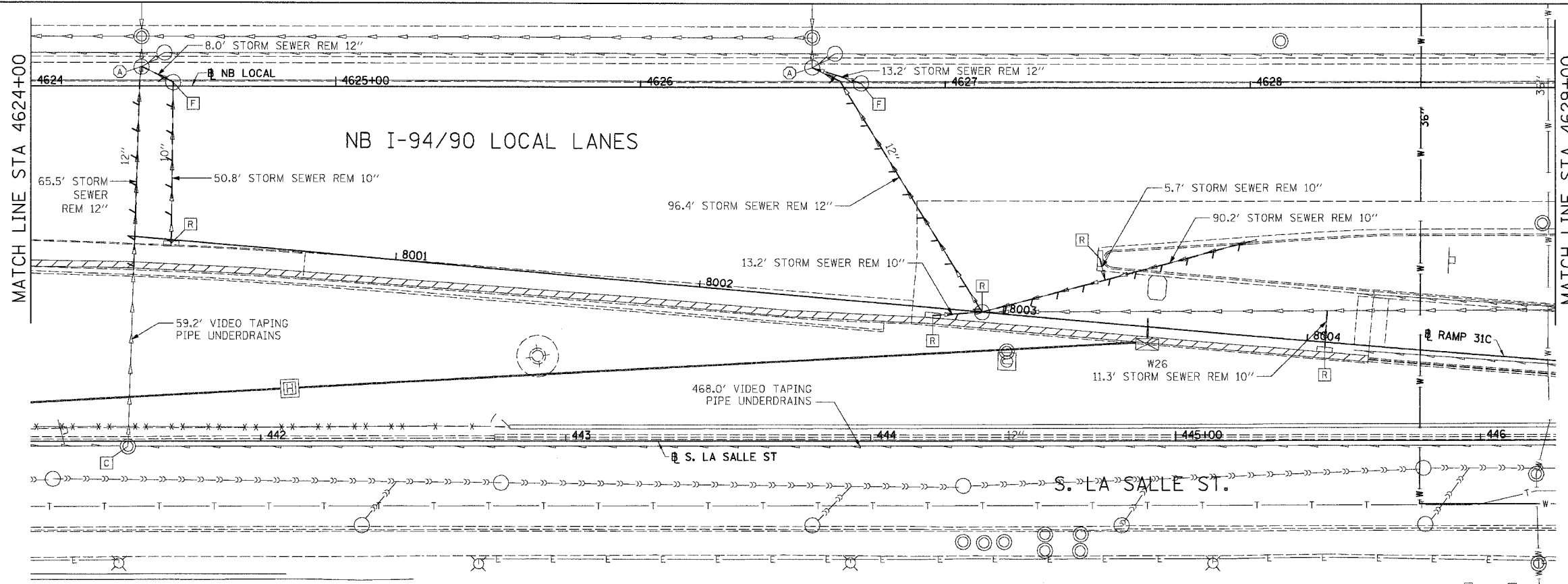
DRAINAGE AND UTILITY PLANS

SCALE: 1"=20'
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

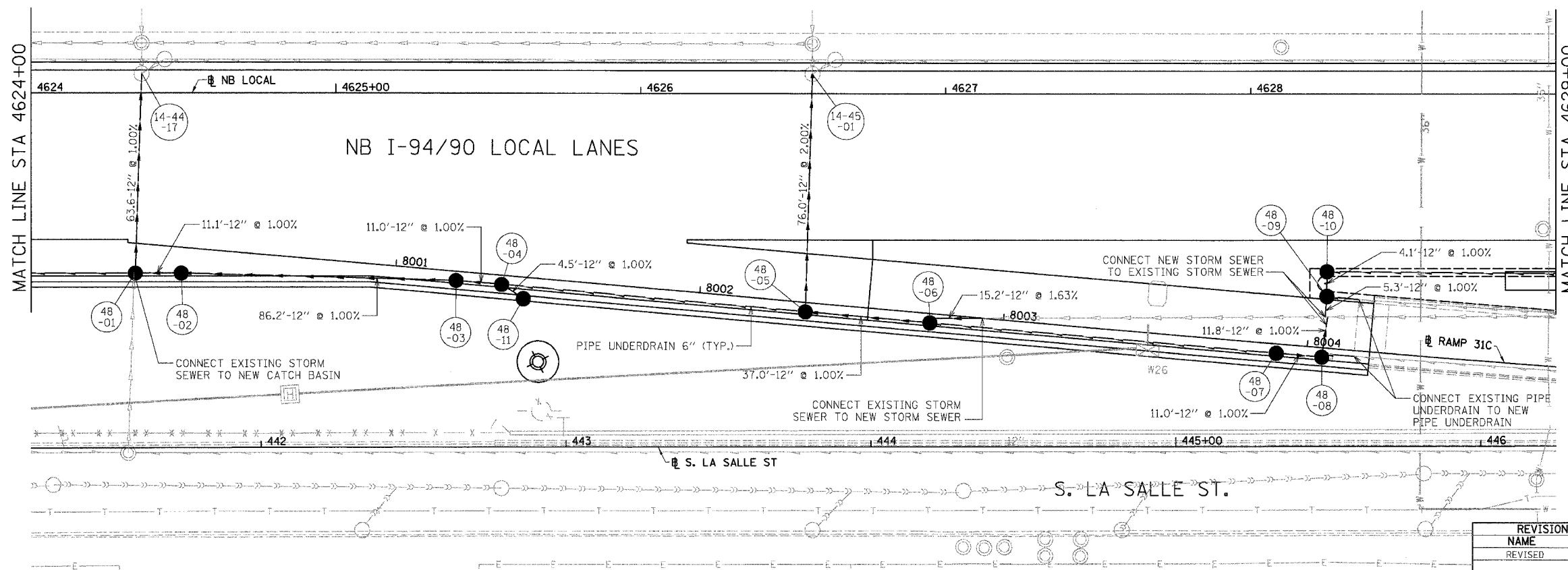
BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com

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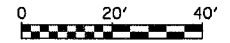
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	184
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	2021-922 PT2 ETC 2324.6-1P1R-10			



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



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DU-48

REVISIONS		DATE
NAME		
REVISED		6/22/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

DRAINAGE AND UTILITY PLANS

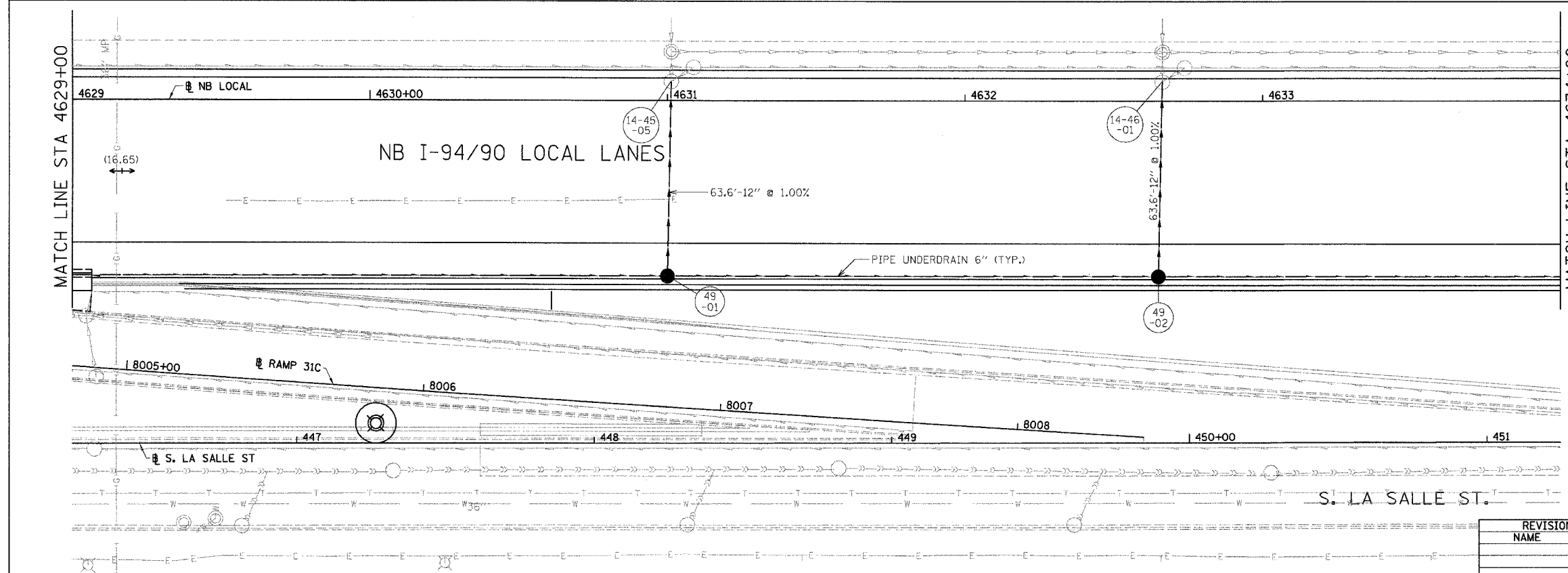
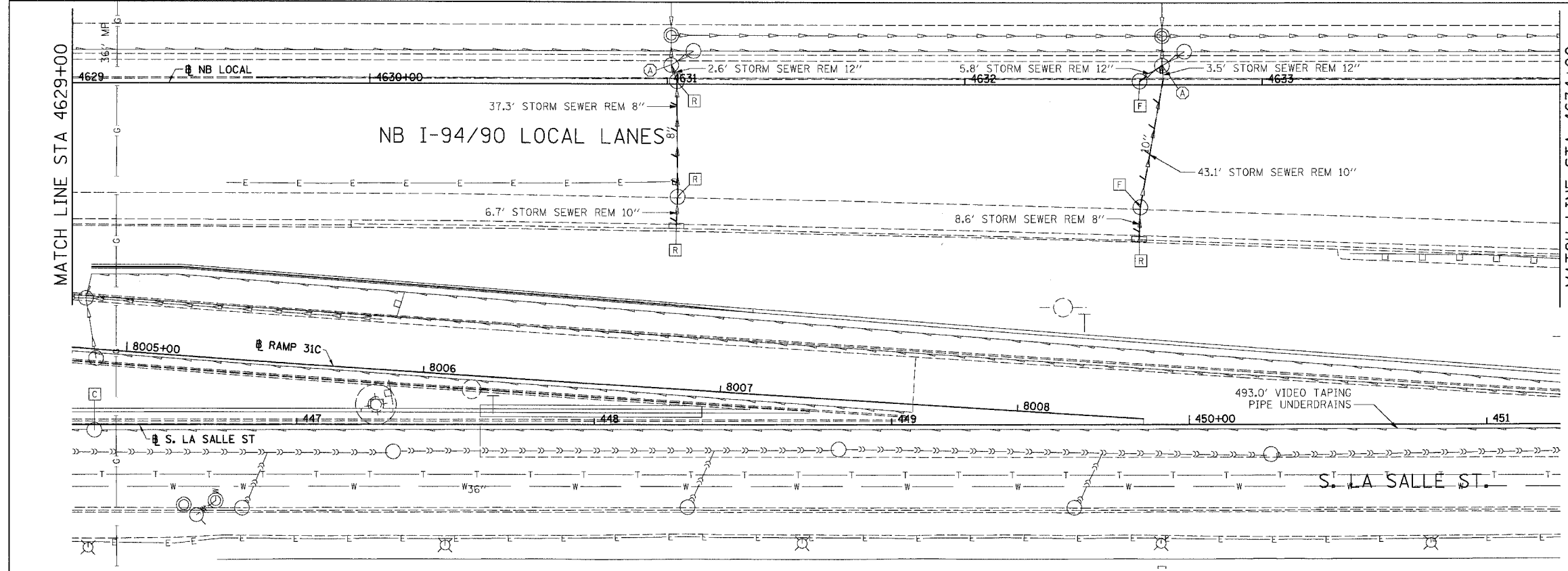
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BOWMAN, BARRETT & ASSOCIATES INC.
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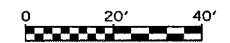
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	185
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*	(2021-922 PT2 ETC 2324.6-1PR-10		



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS

- NOTES:
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DU-49

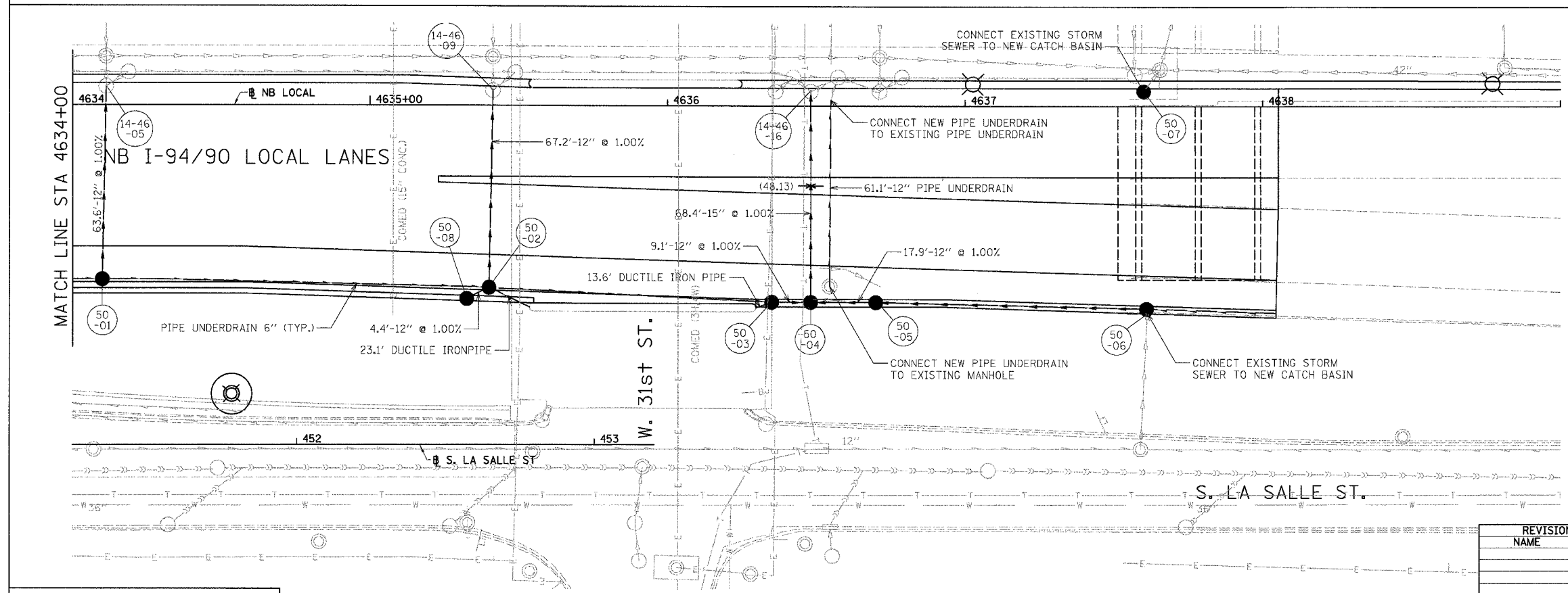
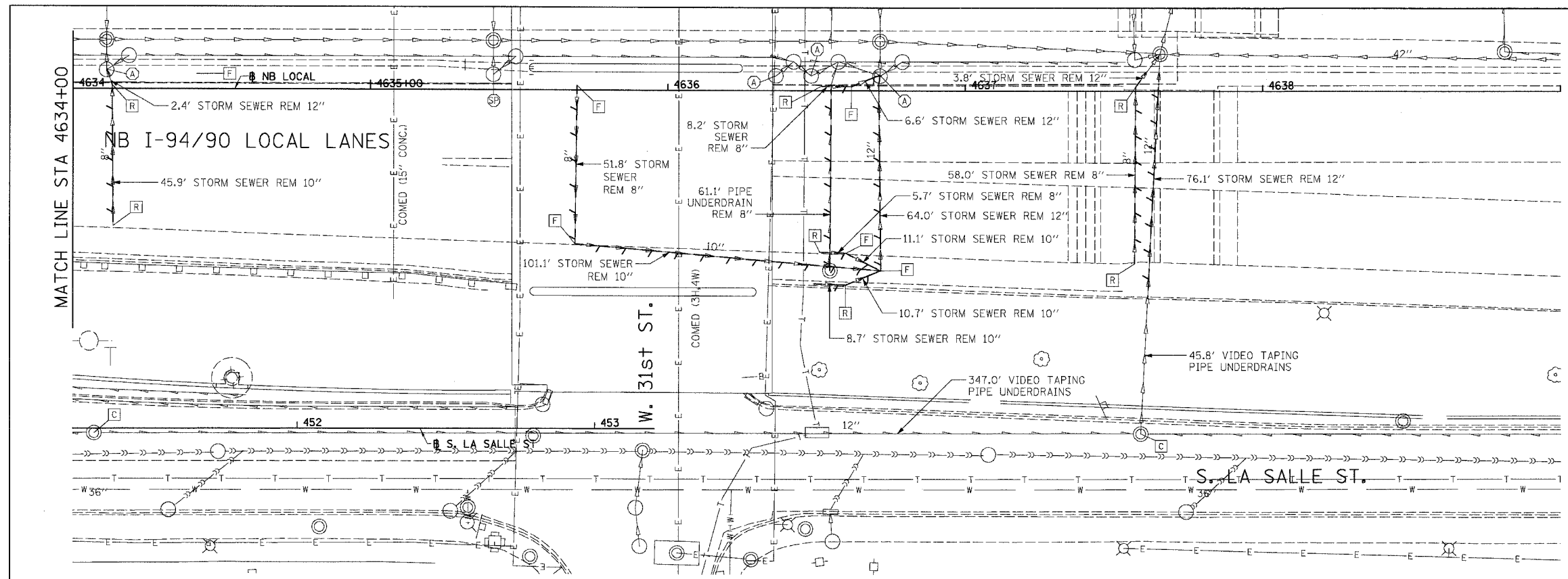
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
DRAINAGE AND UTILITY PLANS
SCALE: 1"=20'
DATE: 06/09/06
DRAWN BY: JAM
CHECKED BY: DDM

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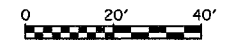
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	186
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	* (2021-922 PT2 ETC 2324.6-1PIR-10			



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS

NOTES:

- SEE DRAINAGE SCHEDULES FOR STRUCTURE, PIPE AND UNDERDRAIN INFORMATION.
- THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS, THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.



DU-50

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

DRAINAGE AND UTILITY PLANS

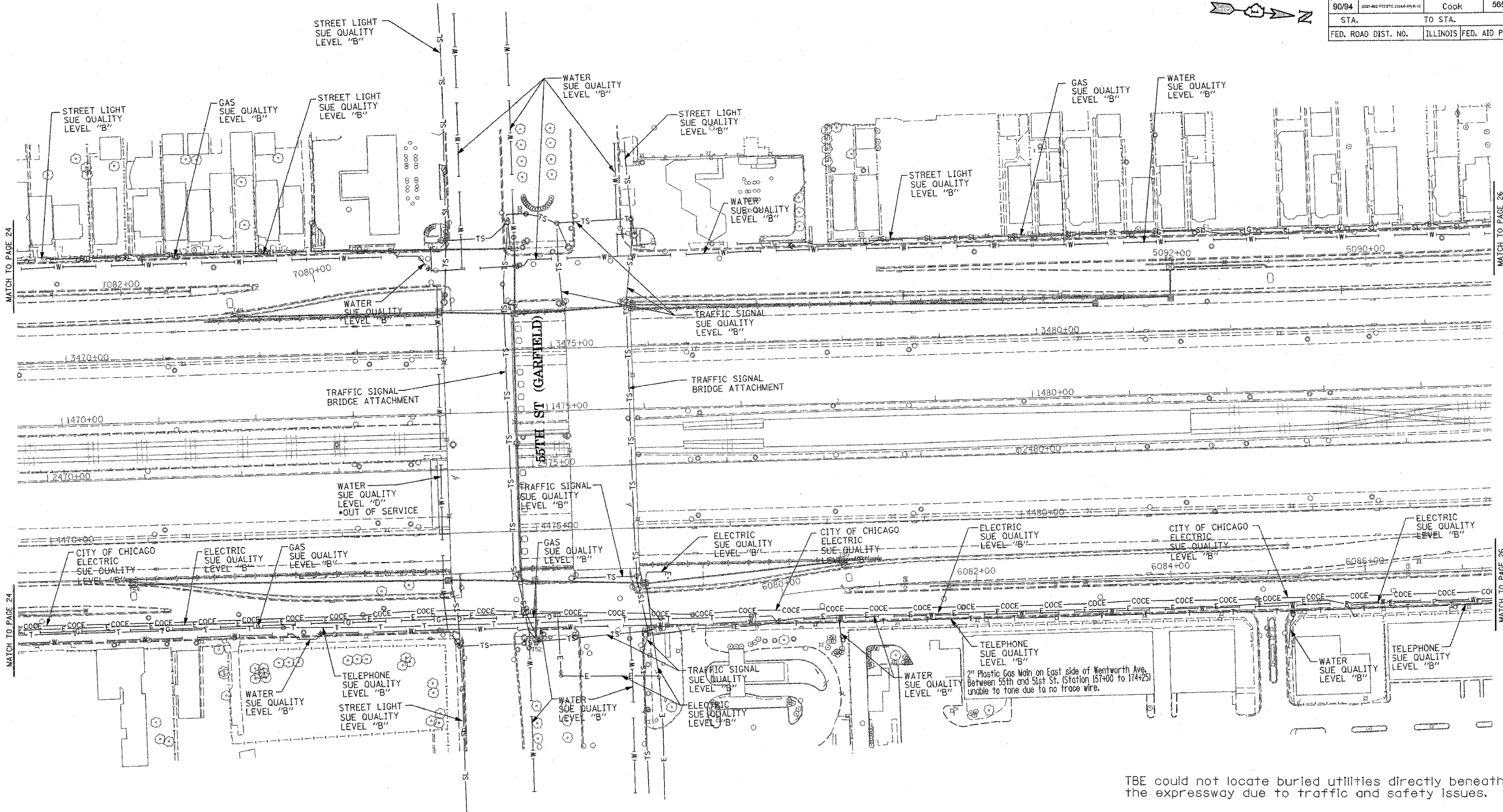
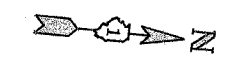
SCALE: 1" = 20'
DATE: 06/09/06

DRAWN BY: JAM
CHECKED BY: DDM

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

6/7/2006 5:47:55 PM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0201-002 P72 ETC 22048-99 R-10	Cook	565	187
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

*At the time of Quality Level "B" SUE services, the water lines were active. The lines, however, are now expected to be out of service per IDOT.



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING
 SOUTHERN REGION: FL, GA, SC, NC
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232
 TBE SUE PAGE NO: 25 of 36
 Checked by: *M. Adams*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COCE—	—COCE—	CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
●	●	TEST HOLE

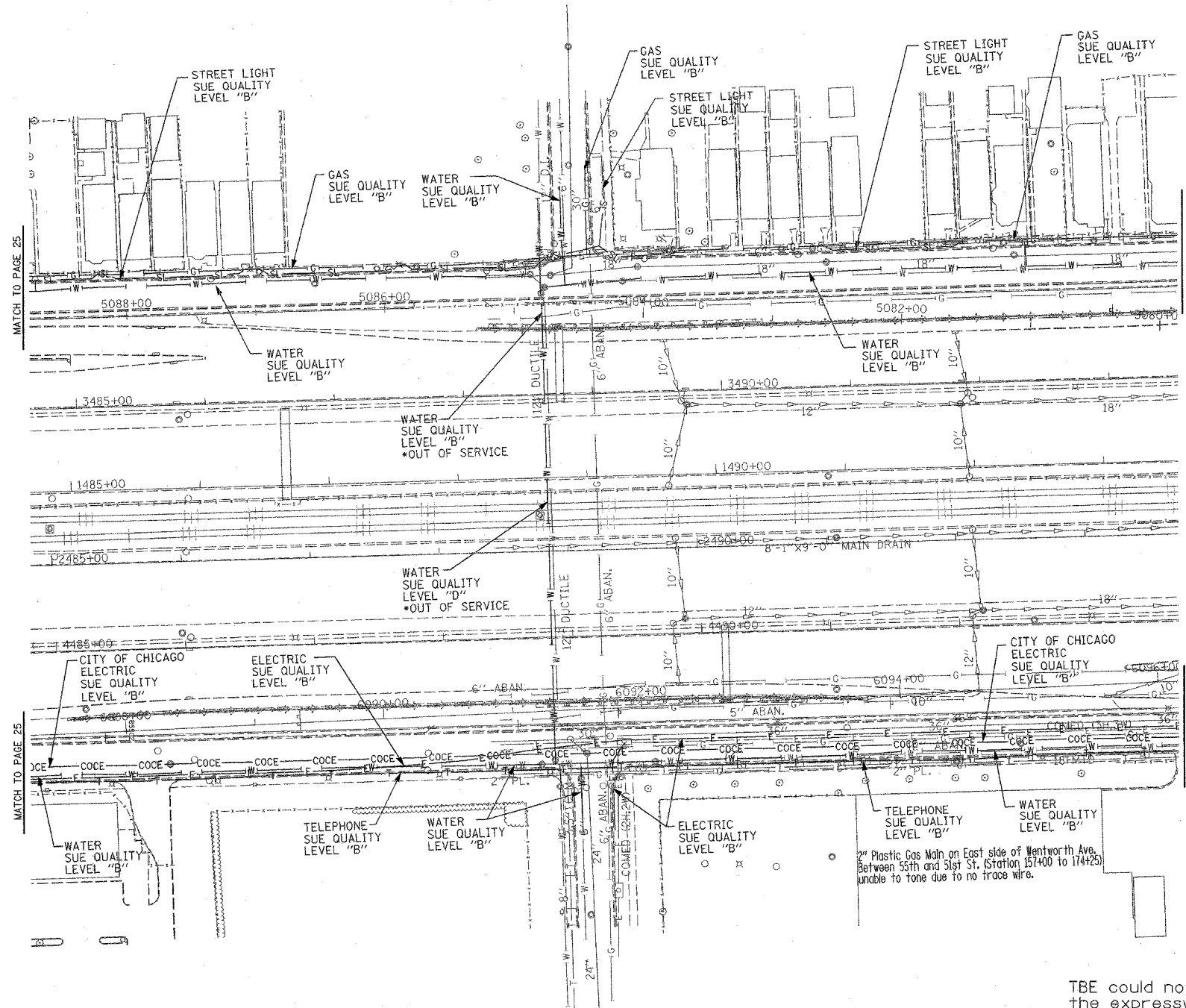
Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-90/I-94 Dan Ryan Expressway from
 I-57 to 69th Street
 Contract Number: 62590, 62592, 62594
 SOL "B" DATE : 7/22/04
 DRAWN BY : KLC
 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0201-0202 P11 ETC 0204-019 P10	Cook	565	188
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		




TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

*At the time of Quality Level "B" SUE services, the water lines were active. The lines, however, are now expected to be out of service per IDOT.

TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING
 SOUTHERN REGION: FL, GA, SC, NC
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA
 IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232
 TBE SUE PAGE NO: 26 of 36
 Checked by: *M. B. 10/2*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COCE—	—COCE—	CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
⊙	⊙	TEST HOLE

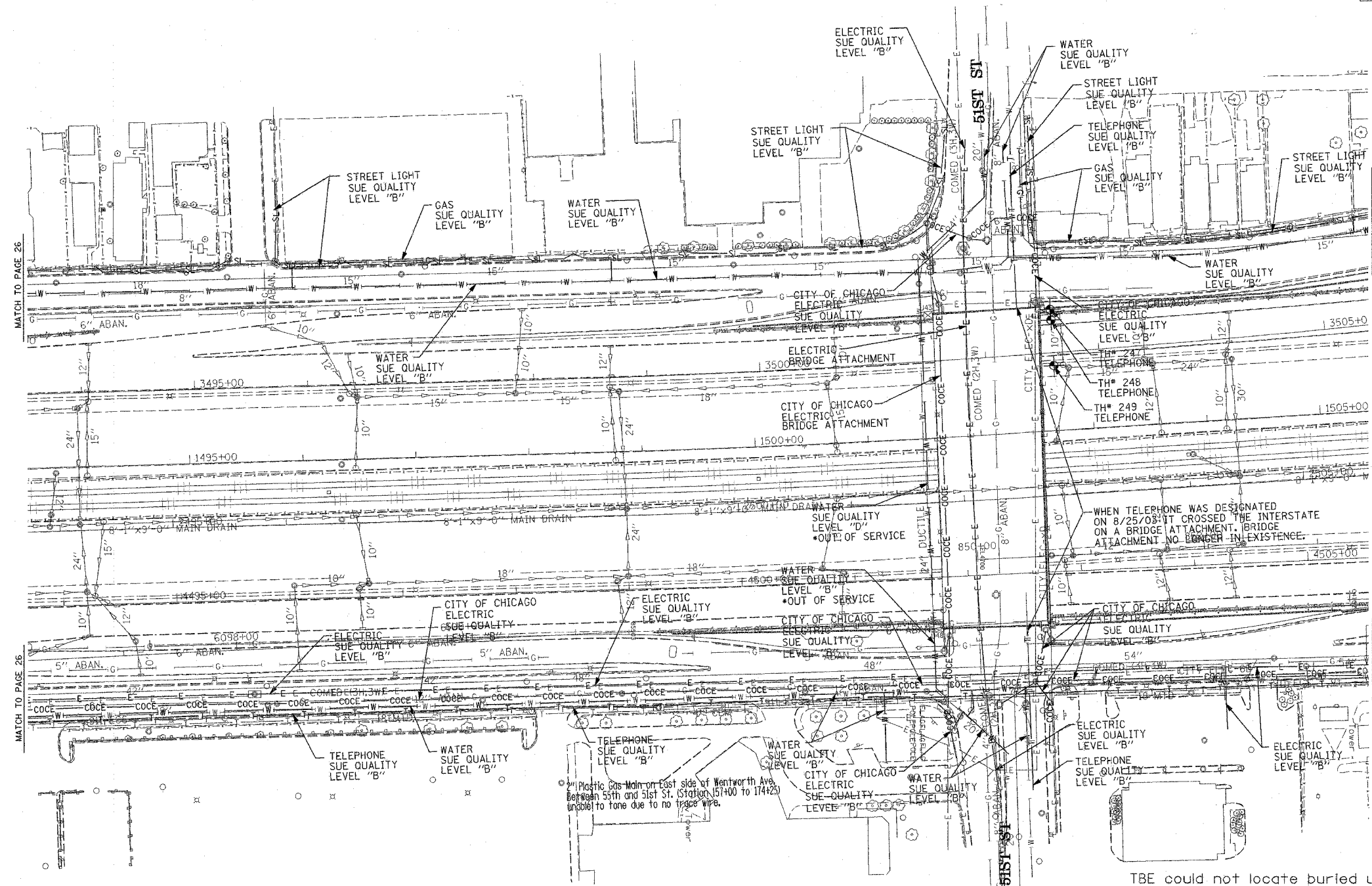
Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.


 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-90/I-94 Dan Ryan Expressway from
 I-57 to 69th Street
 Contract Number: 62590, 62592, 62594
 SQL "B" DATE : 7/22/04
 DRAWN BY : KLC
 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0201 (SEE P. 17C FOR 2284-10) (R-1)	Cook	565	189
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING
 SOUTHERN REGION: FL, GA, SC, NC
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205, 206,
 211, 212, 219, 221, 225, 226, 227, 228, 230, 232, 250, 251, 252

TBE SUE PAGE NO: 27 of 36

Checked by: *Sandra Jones PE*


SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COCE—	—COCE—	CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
⊙	⊙	TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

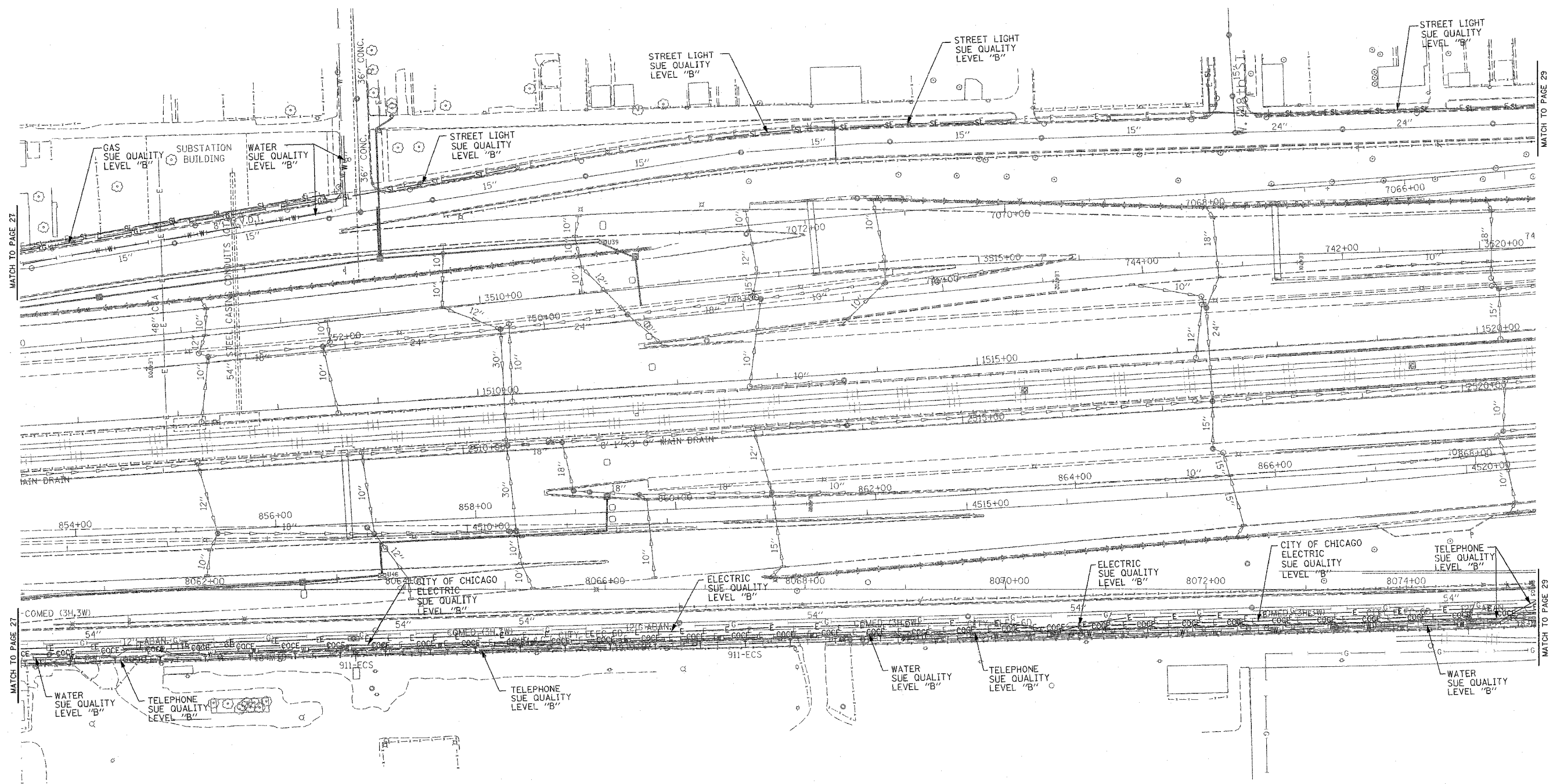
*At the time of Quality Level "B" SUE services, the water lines were active. The lines, however, are now expected to be out of service per IDOT.


 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-90/I-94 Dan Ryan Expressway from
 I-57 to 69th Street
 Contract Number: 62503, 62590, 62592, 62594
 SQL "A" DATE: 3/08/06 DRAWN BY: KLC
 SQL "B" DATE: 7/22/04 SCALE: 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	081180P1E10 220444P1010	Cook	565	190
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MATCH TO PAGE 27

MATCH TO PAGE 29

MATCH TO PAGE 27

MATCH TO PAGE 29

TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING
 SOUTHERN REGION: FL, GA, SC, NC
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232

TBE SUE PAGE NO: 28 of 36
 Checked by: *[Signature]*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COC—	—COC—	CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
⊙	⊙	TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

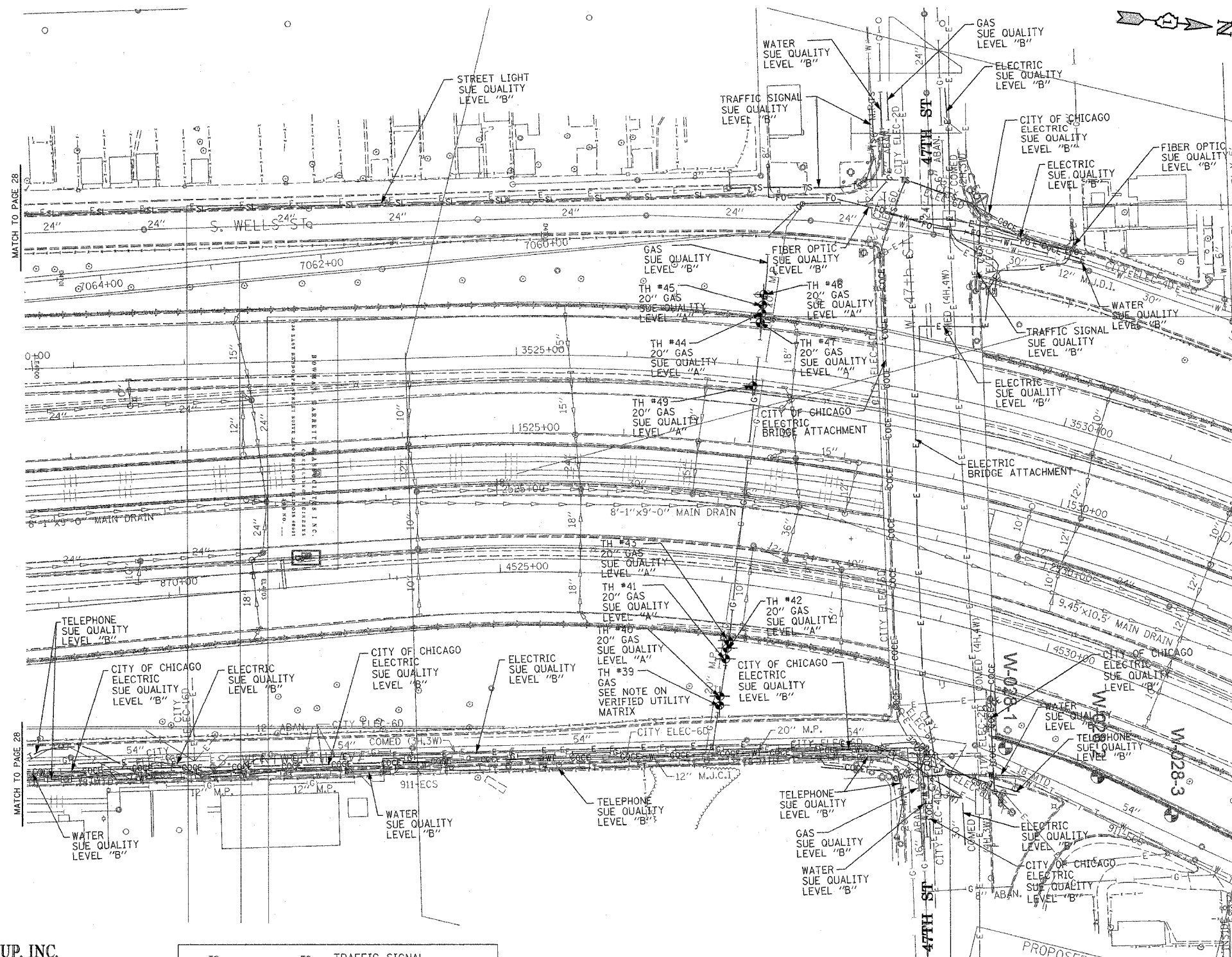
SUE Investigation of Underground Utilities

I-90/I-94 Dan Ryan Expressway from
 I-57, to 69th Street
 Contract Number: 62590, 62592, 62594

SQL "B" DATE : 7/22/04

DRAWN BY : KLC
 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0201-402 P11 ETC 2204-4 1/16-10	Cook	585	191
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



MATCH TO PAGE 28

MATCH TO PAGE 28

TBE CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL * PLANNING * UTILITY ENGINEERING/LOCATING
 SOUTHERN REGION: FL, GA, SC, NC
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA
 IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205, 206, 211, 212, 219, 221, 225, 226, 227, 228
 TBE SUE PAGE NO: 29 of 36
 Checked by: *[Signature]*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COCE—	—COCE—	CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
●	●	TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

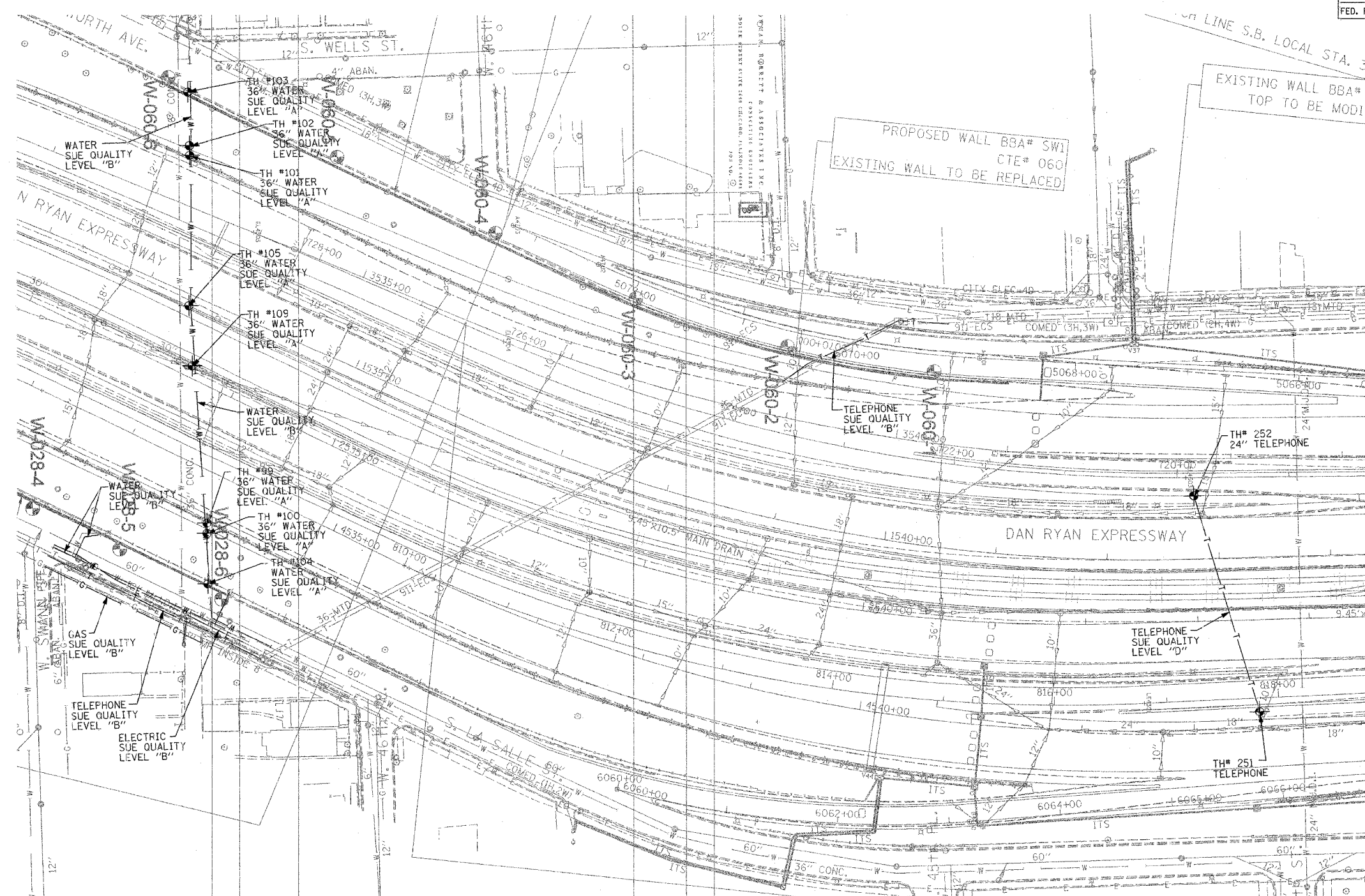
205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-90/I-94 Dan Ryan Expressway from
 1-57. to 69th Street
 Contract Number: 62590, 62592, 62594
 SOL "A" DATE : 7/22/04
 SOL "B" DATE : 7/22/04
 DRAWN BY : KLC
 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516.1177 & 1880-6	Cook	565	192
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
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 SOUTHERN REGION: FL, GA, SC, NC
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205, 206,
 211, 212, 219, 221, 225, 226, 227, 228, 230, 232, 250, 251, 252
 TBE SUE PAGE NO: 30 of 36
 Checked by: *Sandra Jones*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COCE—	—COCE—	CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
⊙	⊙	TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

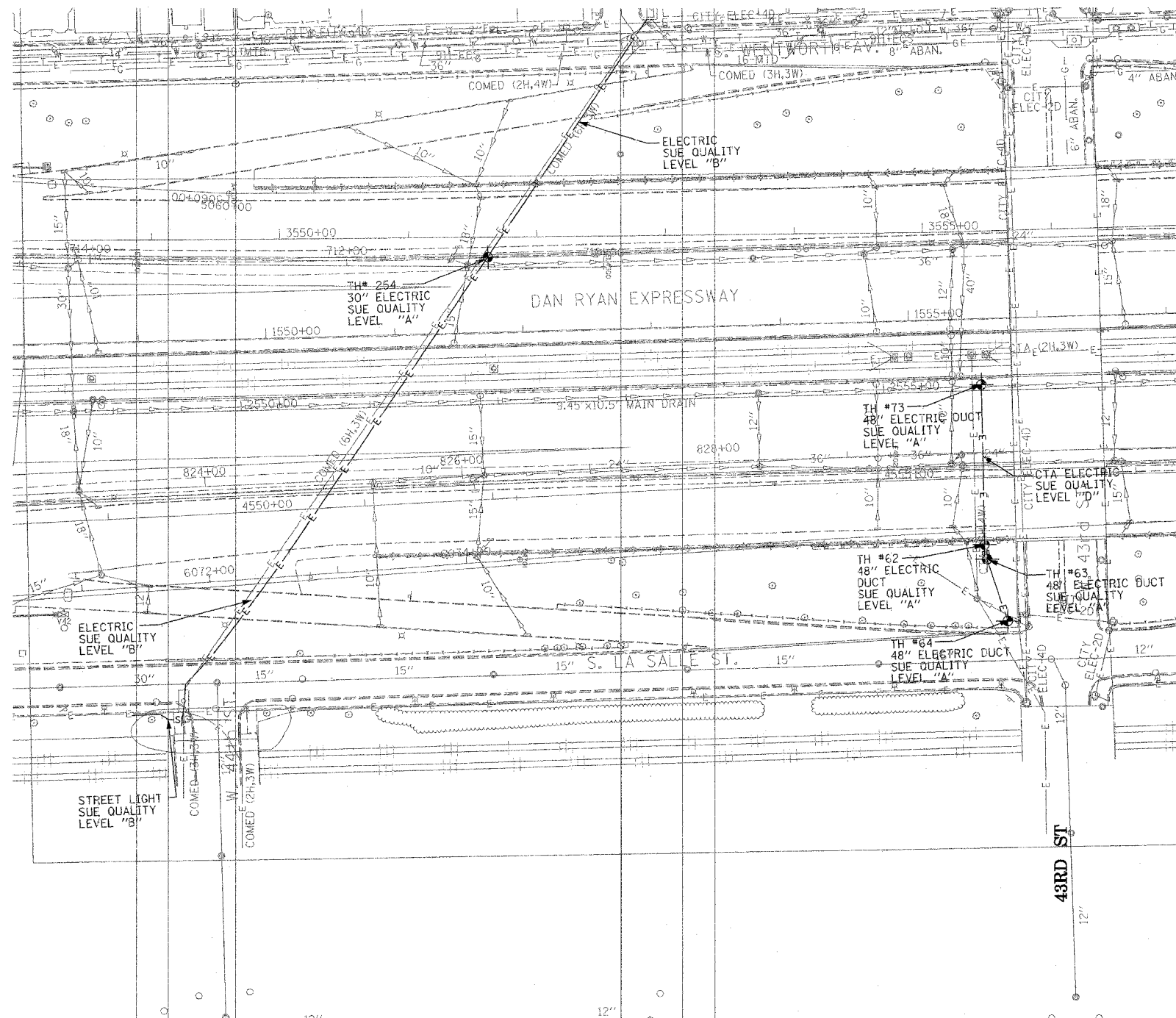

 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-90/I-94 Dan Ryan Expressway from
 I-57 to 69th Street
 Contract Number: 62300, 62301, 62590, 62592, 62594
 SQL "A" DATE : 12/30/04
 SQL "B" DATE : 7/22/04
 DRAWN BY : KLC
 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1516.1717 & 1818-E	Cook	565	193
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING
 SOUTHERN REGION: FL, GA, SC, NC
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205, 206,
 211, 212, 219, 221, 225, 226, 227, 228, 230, 232, 250, 251, 252


TBE SUE PAGE NO: 31 of 36

Checked by: *Sandra Lee*

SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COCE—		CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
⊙	⊙	TEST HOLE

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 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

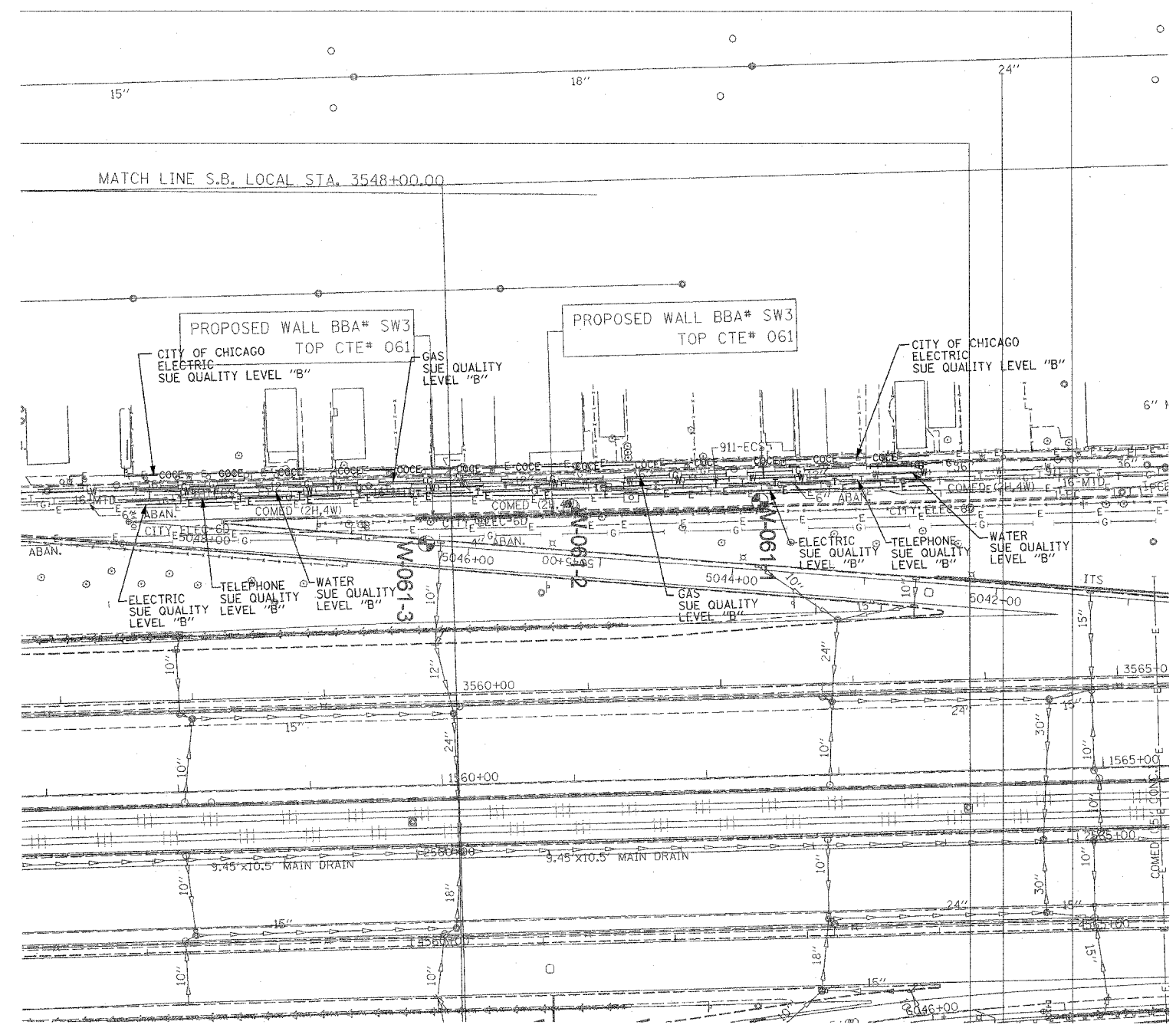
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUE Investigation of Underground Utilities
 I-90/I-94 Dan Ryan Expressway from
 I-57 to 69th Street
 Contract Number: 62300, 62301, 62590, 62592, 62594

DRAWN BY : KLC
 SCALE : 1" = 50'
 SOL "B" DATE : 7/22/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0021-002 P22 E70 12014-19-10-10	Cook	565	194
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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 * PLANNING * UTILITY ENGINEERING/LOCATING
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 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232
 TBE SUE PAGE NO: 32 of 36
 Checked by: *Madame E-9802*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COCE—	—COCE—	CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
⊙	⊙	TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

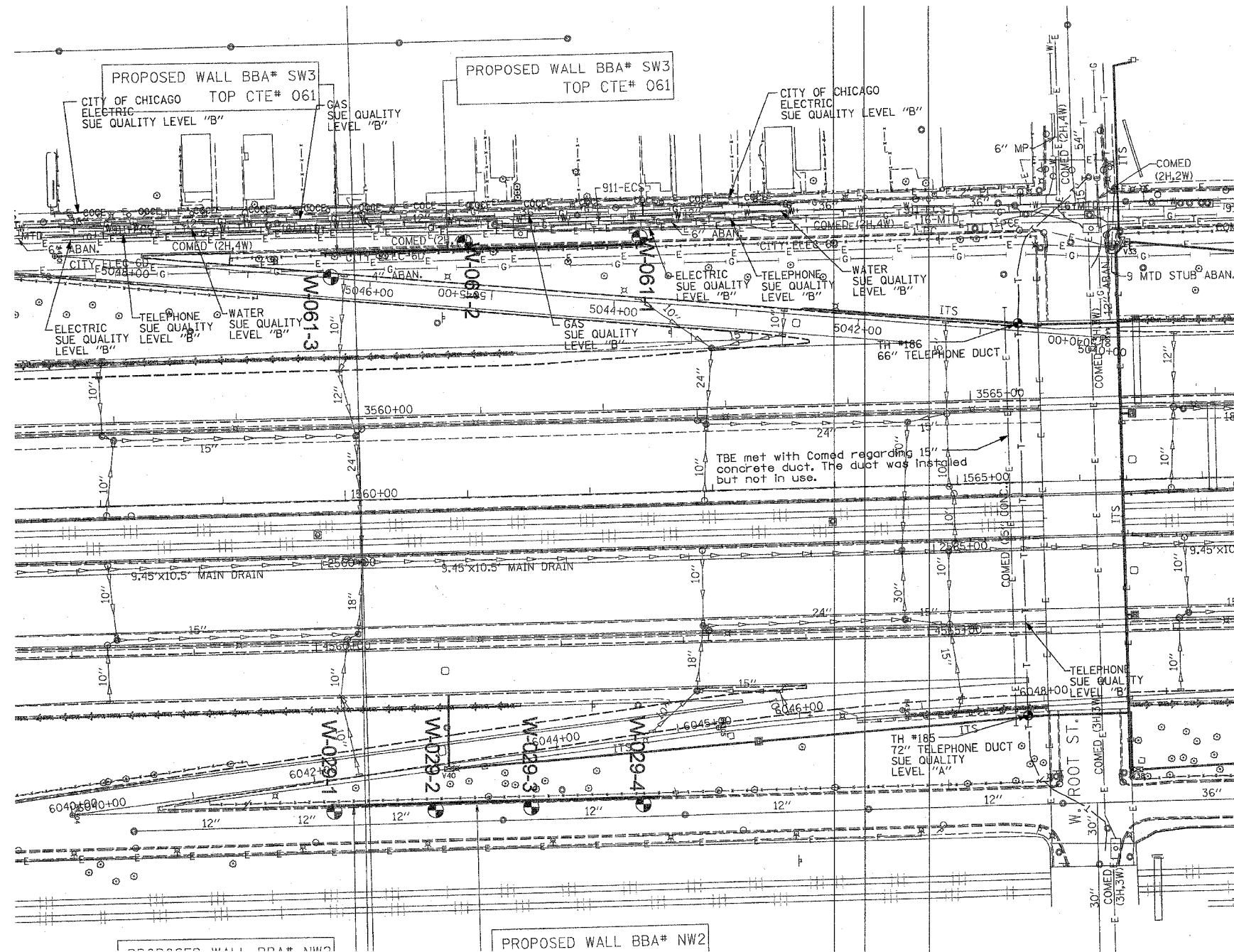
205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-90/I-94 Dan Ryan Expressway from
 I-57 to 69th Street
 Contract Number: 62590, 62592, 62594
 DRAWN BY : KLC
 SCALE : 1" = 50'
 SQL "B" DATE : 7/22/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		Cook	565	195
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING
 SOUTHERN REGION: FL, GA, SC, NC
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205,
 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232, 238
 TBE SUE PAGE NO: 32 of 36
 Checked by: *Sandra Jones RB*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COCE—		CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
⊙		TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.



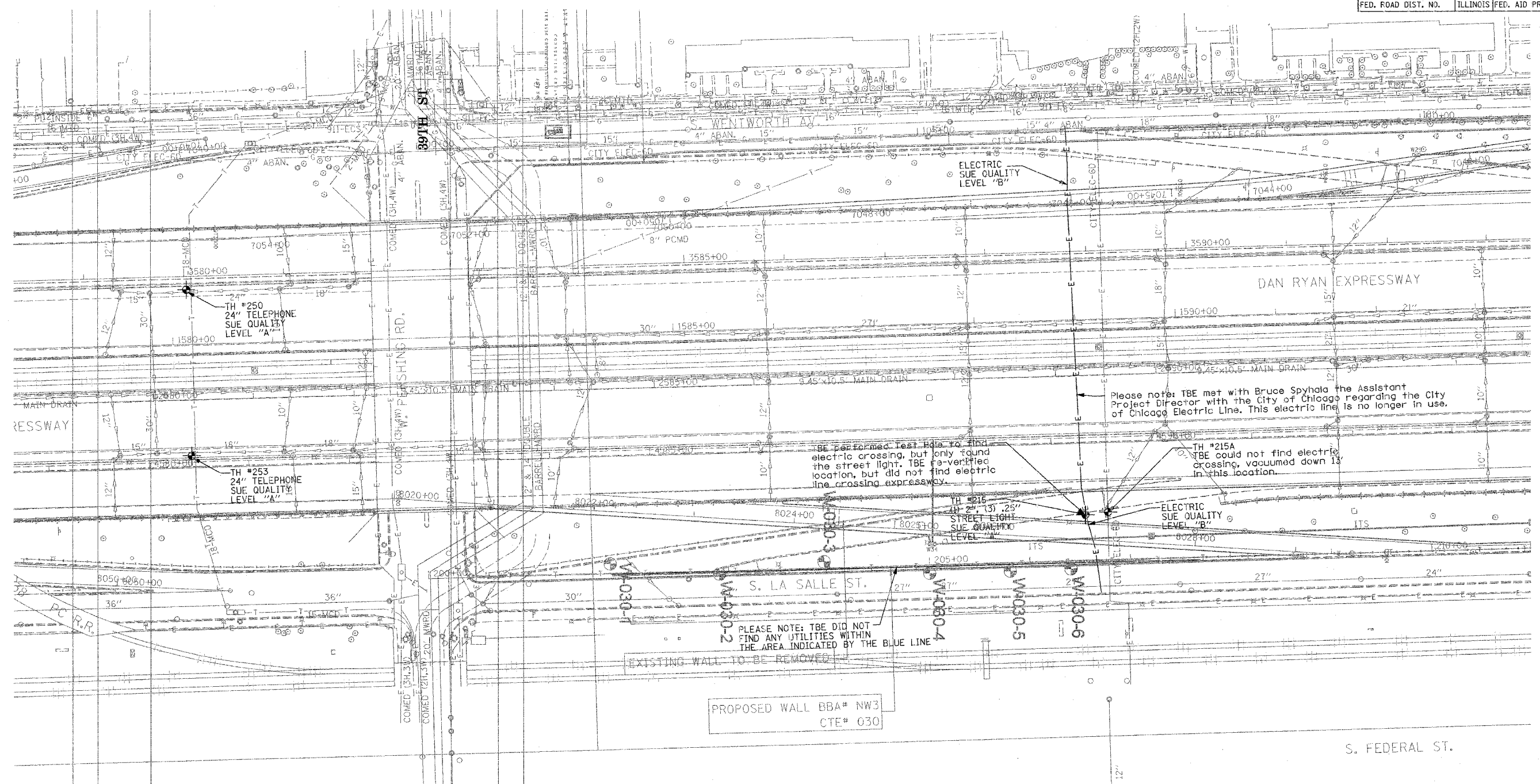
205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-90/I-94 Dan Ryan Expressway from
 I-57 to 68th Street
 Contract Number: 62590, 62592, 62594,
 62300, 62302
 SOL "A" DATE : 6/28/05 DRAWN BY : KLC
 SOL "B" DATE : 7/22/04 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516.11717 & 1818+6	Cook	565	196
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



Please note: TBE met with Bruce Spyhala the Assistant Project Director with the City of Chicago regarding the City of Chicago Electric Line. This electric line is no longer in use.

TBE performed test hole to find electric crossing, but only found the street light. TBE re-verified location, but did not find electric line crossing expressway.

TH #215A
TBE could not find electric crossing, vacuumed down 13' in this location.

PLEASE NOTE: TBE DID NOT FIND ANY UTILITIES WITHIN THE AREA INDICATED BY THE BLUE LINE

PROPOSED WALL BBA# NW3
CTE# 030

TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING
 SOUTHERN REGION: FL, GA, SC, NC
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA
 IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205, 206,
 211, 212, 219, 221, 225, 226, 227, 228, 230, 232, 250, 251, 252
 TBE SUE PAGE NO: 33 of 36
 Checked by: *Sandra Dees*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

— TS —	— TS —	TRAFFIC SIGNAL
— SL —	— SL —	STREET LIGHT
— COCE —	— COCE —	CITY OF CHICAGO ELECTRIC
— T —	— T —	TELEPHONE
— W —	— W —	WATER
— G —	— G —	GAS
— CTV —	— CTV —	CABLE TELEVISION
— FO —	— FO —	FIBER OPTIC
— E —	— E —	ELECTRIC
— (Symbol) —	— (Symbol) —	TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

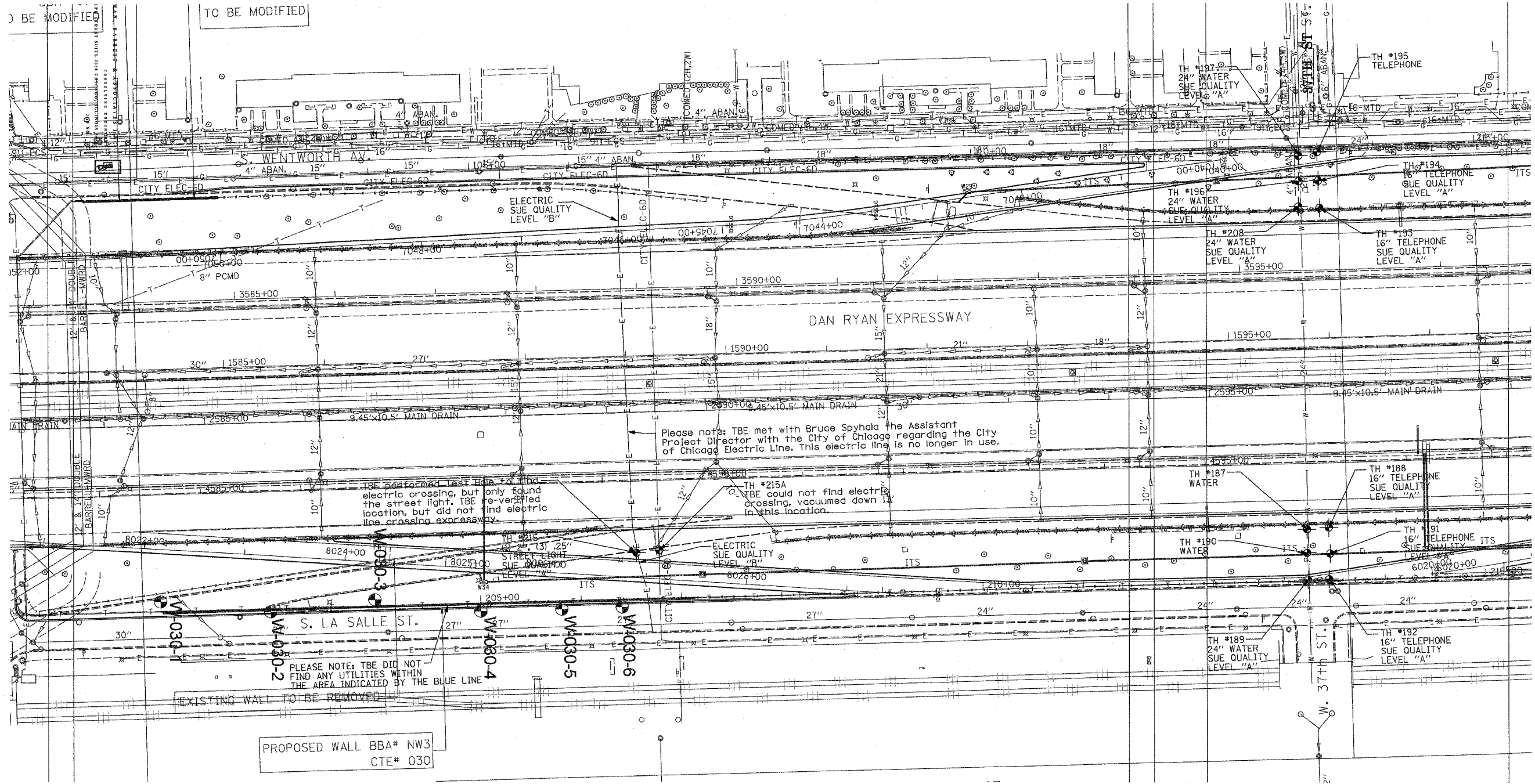
205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-90/I-94 Dan Ryan Expressway from
 I-57 to 69th Street
 Contract Number: 62300, 62301, 62590, 62592, 62594
 SCL "A" DATE : 4/27/04
 SCL "B" DATE : 7/22/04
 DRAWN BY : KLC
 SCALE : 1" = 50'

TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		Cook	565	197
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TBE CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL * PLANNING * UTILITY ENGINEERING/LOCATING
 SOUTHERN REGION: FL, GA, SC, NC
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232


TBE SUE PAGE NO: 33 of 36

Checked by: *[Signature]*

SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COCE—	—COCE—	CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
⊙	⊙	TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.


 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

REVISIONS	
NAME	DATE

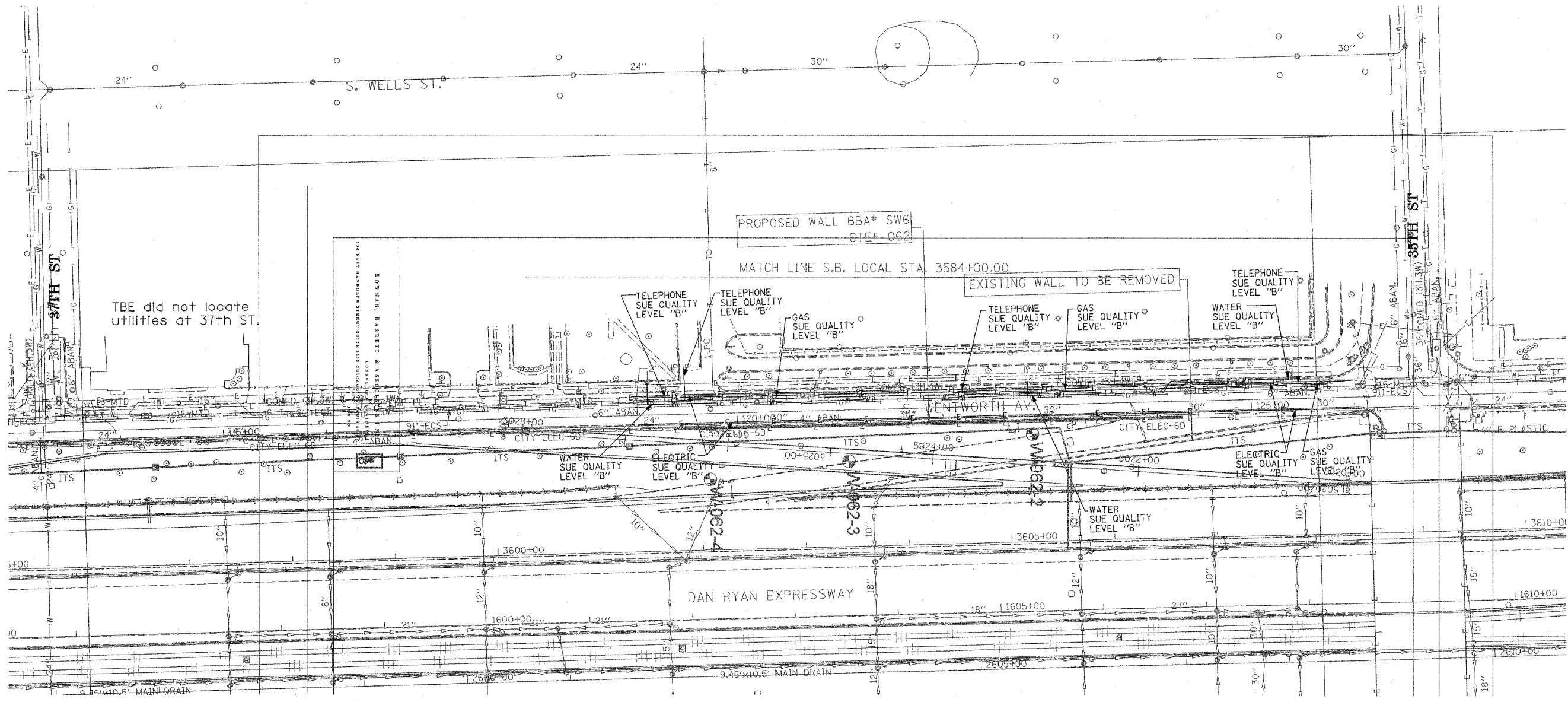
ILLINOIS DEPARTMENT OF TRANSPORTATION

SUE Investigation of Underground Utilities
 I-90/I-94 Dan Ryan Expressway from
 I-57 to 69th Street
 Contract Number: 62590, 62592, 62594

SQL "A" DATE: 4/27/04
 SQL "B" DATE: 7/22/04

DRAWN BY: KLC
 SCALE: 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2007 AND PTD ETC 2008-04-10	Cook	565	198
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		




TBE did not locate utilities at 37th ST.

TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

TBE CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL * PLANNING * UTILITY ENGINEERING/LOCATING
 SOUTHERN REGION: FL, GA, SC, NC
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA
 IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232
 TBE SUE PAGE NO: 34 of 36
 Checked by: *M. Adams E-1882*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COCE—		CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
⊙		TEST HOLE

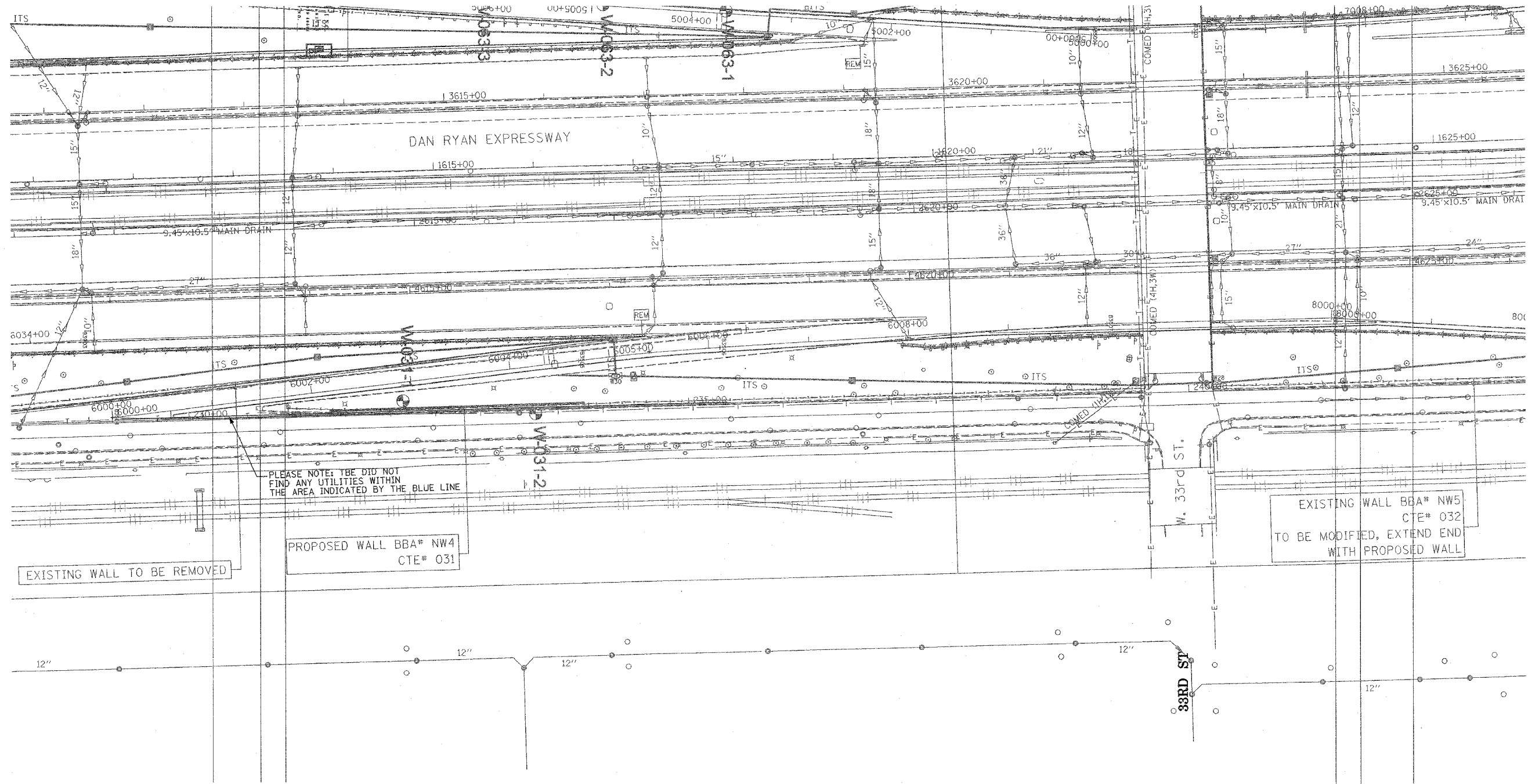
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 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-90/I-94 Dan Ryan Expressway from
 I-57 to 69th Street
 Contract Number: 62590, 62592, 62594
 SOL "B" DATE : 7/22/04
 DRAWN BY : KLC
 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0001-002 P27C2204-4919.19	Cook	565	199
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLEASE NOTE: TBE DID NOT FIND ANY UTILITIES WITHIN THE AREA INDICATED BY THE BLUE LINE

EXISTING WALL TO BE REMOVED

PROPOSED WALL BBA# NW4
CTE# 031


EXISTING WALL BBA# NW5
CTE# 032
TO BE MODIFIED, EXTEND END WITH PROPOSED WALL

W. 33rd ST.
33RD ST.

TBE CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
* PLANNING * UTILITY ENGINEERING/LOCATING
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PA, VA, CANADA
WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA
IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,
205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232
TBE SUE PAGE NO: 35 of 36
Checked by: *M. J. ...*
SUE Quality Level "A" : Test Holes
SUE Quality Level "B" : Designating

—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COCO—		CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
⊙		TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other Information shown has been provided to TBE Group, Inc by others.

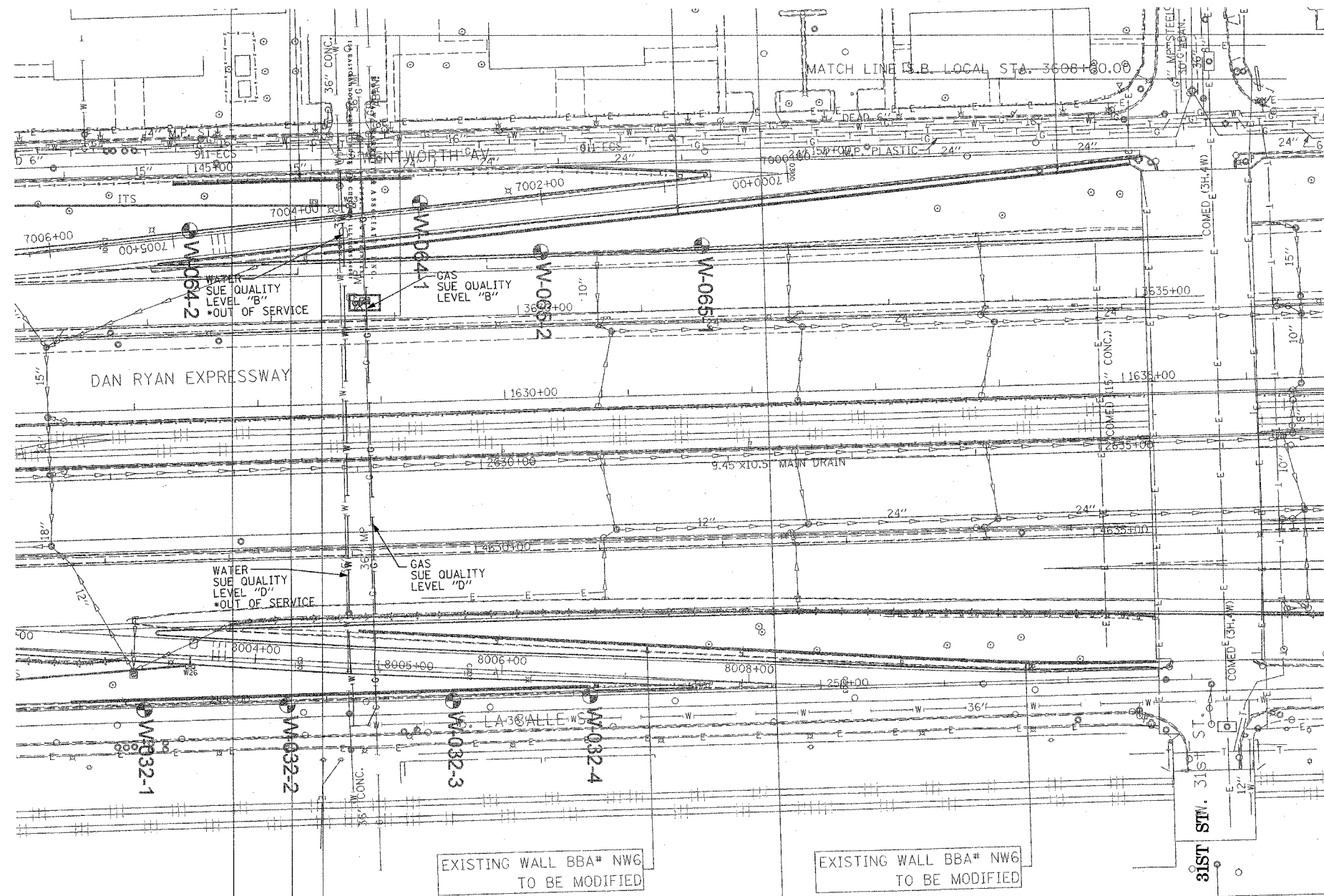

205 W. WACKER DRIVE
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CHICAGO, IL 60606
(312) 704-1970

TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUE Investigation of Underground Utilities
I-90/I-94 Dan Ryan Expressway from
I-57, to 69th Street
Contract Number: 62590, 62592, 62594
DRAWN BY: KLC
SCALE: 1" = 50'
SOL "B" DATE: 7/22/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/84		Cook	585	200
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING
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IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232
 TBE SUE PAGE NO: 36 of 36
 Checked by: *M.A. Jones 8-9802*
 SUE Quality Level "A": Test Holes
 SUE Quality Level "B": Designating

—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COCE—		CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
⊙		TEST HOLE

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TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

*At the time of Quality Level "B" SUE services, the water lines were active. The lines, however, are now expected to be out of service per IDOT.

 205 W. WACKER DRIVE SUITE 1020 CHICAGO, IL 60606 (312) 704-1970	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
	NAME	DATE	
			SUE Investigation of Underground Utilities I-90/I-94 Dan Ryan Expressway from I-57, to 69th Street Contract Number: 62590, 62592, 62594 SOL "B" DATE: 7/22/04 DRAWN BY: KLC SCALE: 1" = 50'