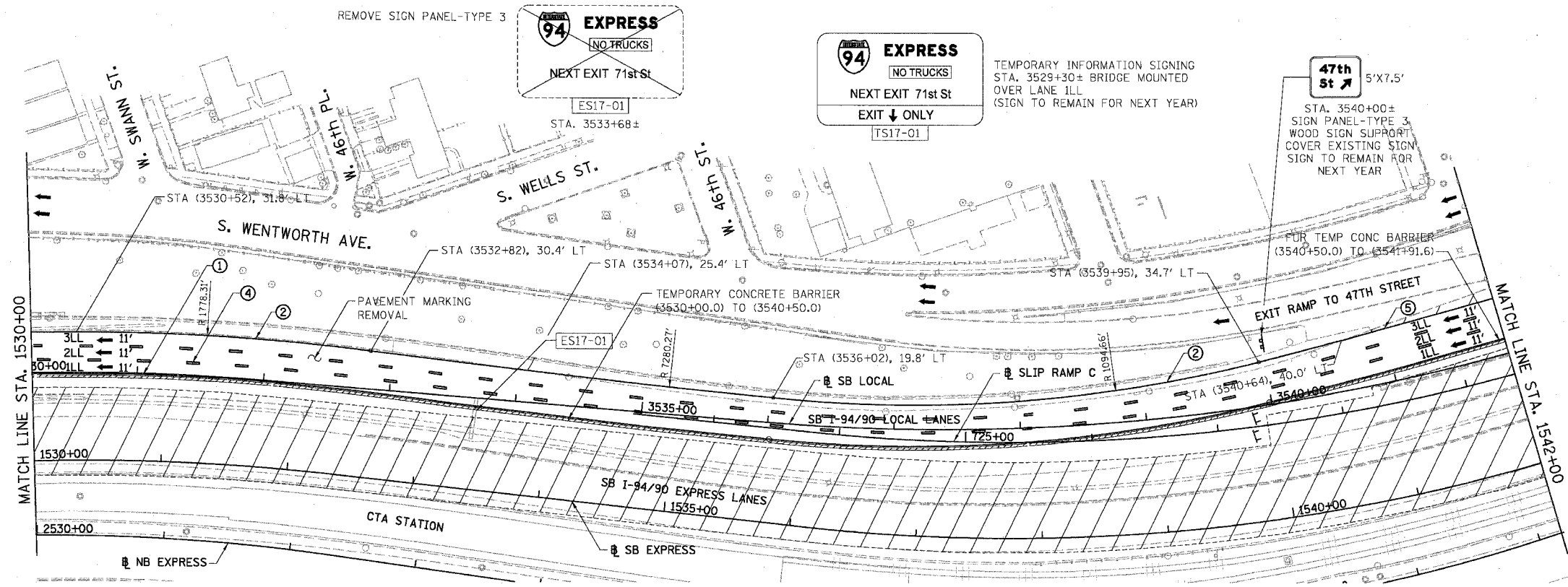
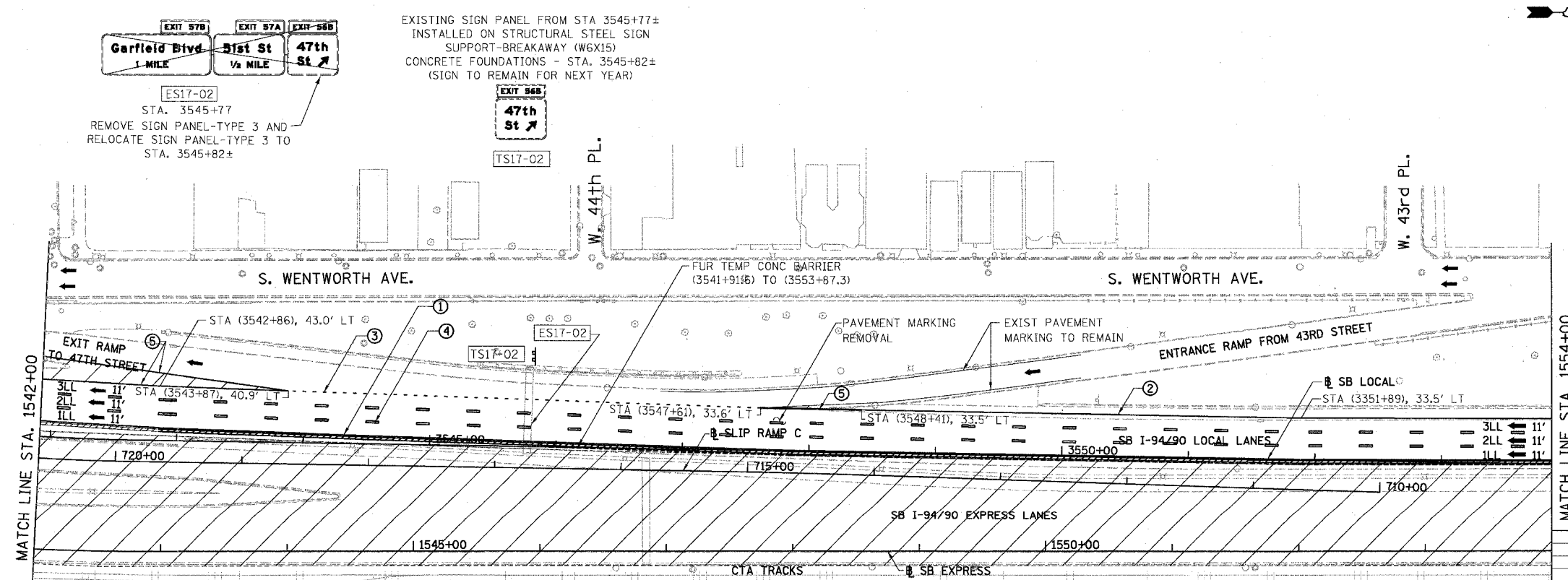


F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	101
STA. 1530+00	TO STA. 1554+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

62302 *1818, ETC, 2324.6-1PR-9



- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - ILL TRAFFIC LANE & DIRECTION OF TRAFFIC
 - DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - BARRICADE TYPE III
 - TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE LINE)
 - ② LINE 4" (WHITE EDGE LINE)
 - 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)
 - ⑧ LINE 12" (DIAGONAL, 500' C-C)
 - ⑨ LETTERS AND SYMBOLS
 - EXISTING SIGNS
 - TEMPORARY SIGNS



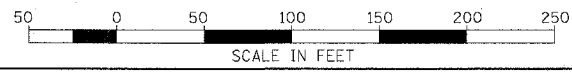
- STATIONING**
- +++ STATION PROVIDED FROM THE I-90/94 EXPRESS LANES
 - (+##.##) STATION PROVIDED FROM THE I-94/90 LOCAL LANES
 - [+##.##] STATION PROVIDED FROM THE SLIP RAMP

NOTE:
ALL PAVEMENT MARKINGS ON THIS SHEET WILL BE PAVEMENT MARKING TAPE, TYPE III, UNLESS OTHERWISE NOTED.

REVISIONS	NAME	DATE

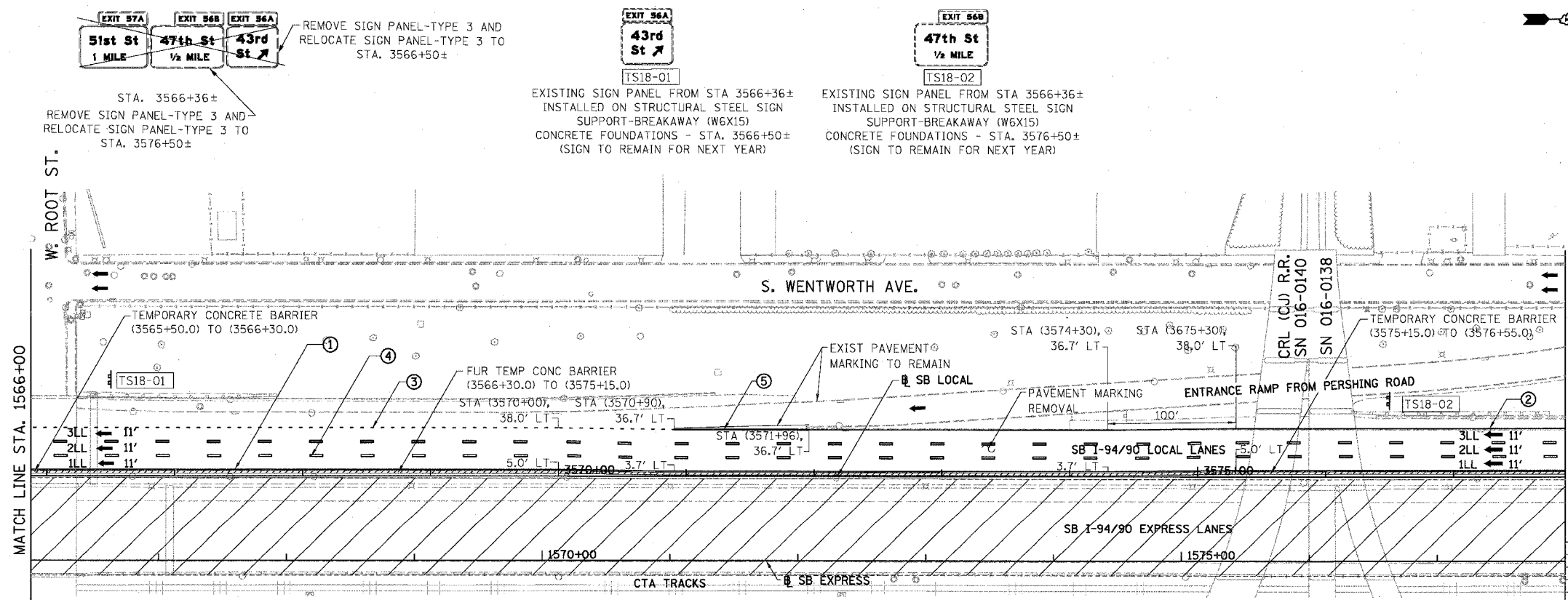
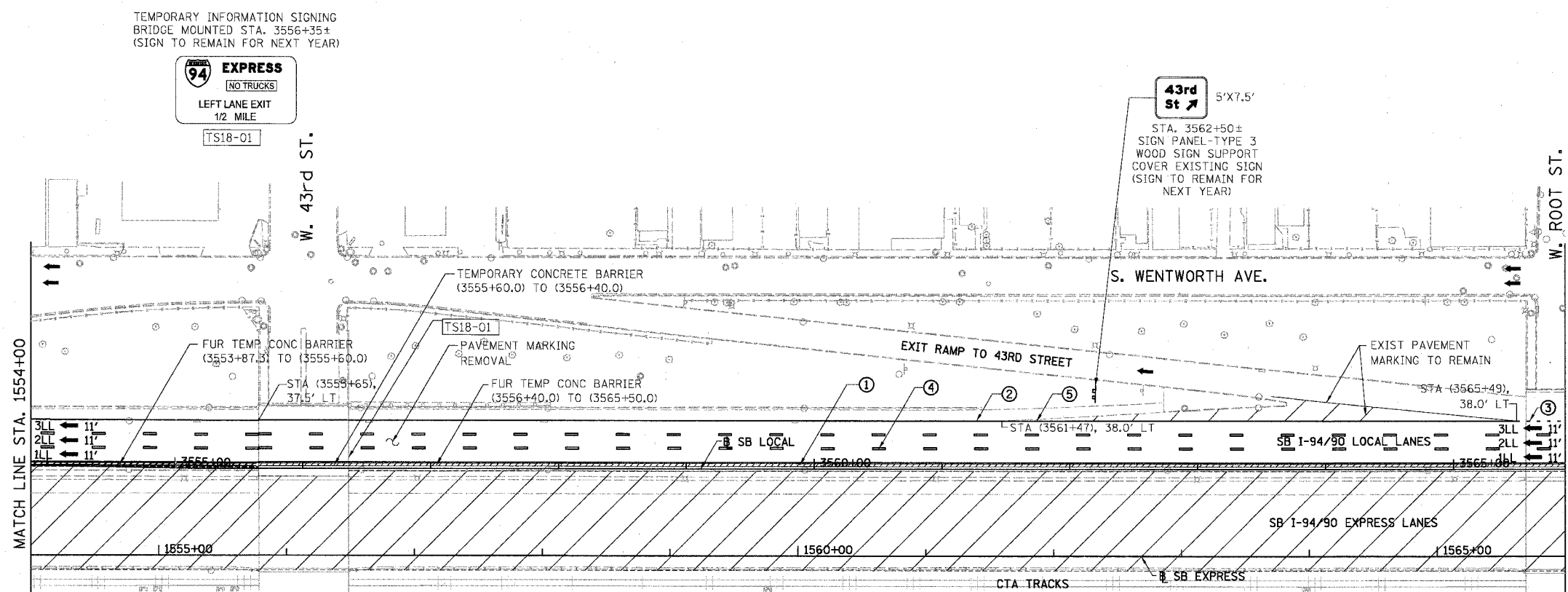
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN STAGE 1
 SOUTHBOUND STA. 1530+00 TO STA. 1554+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: RA
 CHECKED BY: RS

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MOT-16 3/29/05 6/24/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	102
STA. 1554+00		TO STA. 1578+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302 * (1818, ETC., 2324.6-1PR-9				



- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - ILL TRAFFIC LANE & DIRECTION OF TRAFFIC
 - DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - BARRICADE TYPE III
 - TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE LINE)
 - ② LINE 4" (WHITE EDGE LINE)
 - 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)
 - ⑧ LINE 12" (DIAGONAL, 500' C-C)
 - ⑨ LETTERS AND SYMBOLS
 - ESx-xx EXISTING SIGNS
 - TSx-xx TEMPORARY SIGNS

STATIONING

###,## STATION PROVIDED FROM THE SB I-90/94 EXPRESS LANES
 (###,##) STATION PROVIDED FROM THE SB I-90/94 LOCAL LANES
 [+###,##] STATION PROVIDED FROM THE SLIP RAMP

NOTE:

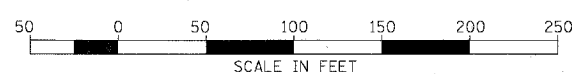
ALL PAVEMENT MARKINGS ON THIS SHEET WILL BE PAVEMENT MARKING TAPE, TYPE III, UNLESS OTHERWISE NOTED.

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN STAGE 1
 SOUTHBOUND STA. 1554+00 TO STA. 1578+00

SCALE: 1"=50'
 DATE: 07/07/05

DRAWN BY: RA
 CHECKED BY: RS

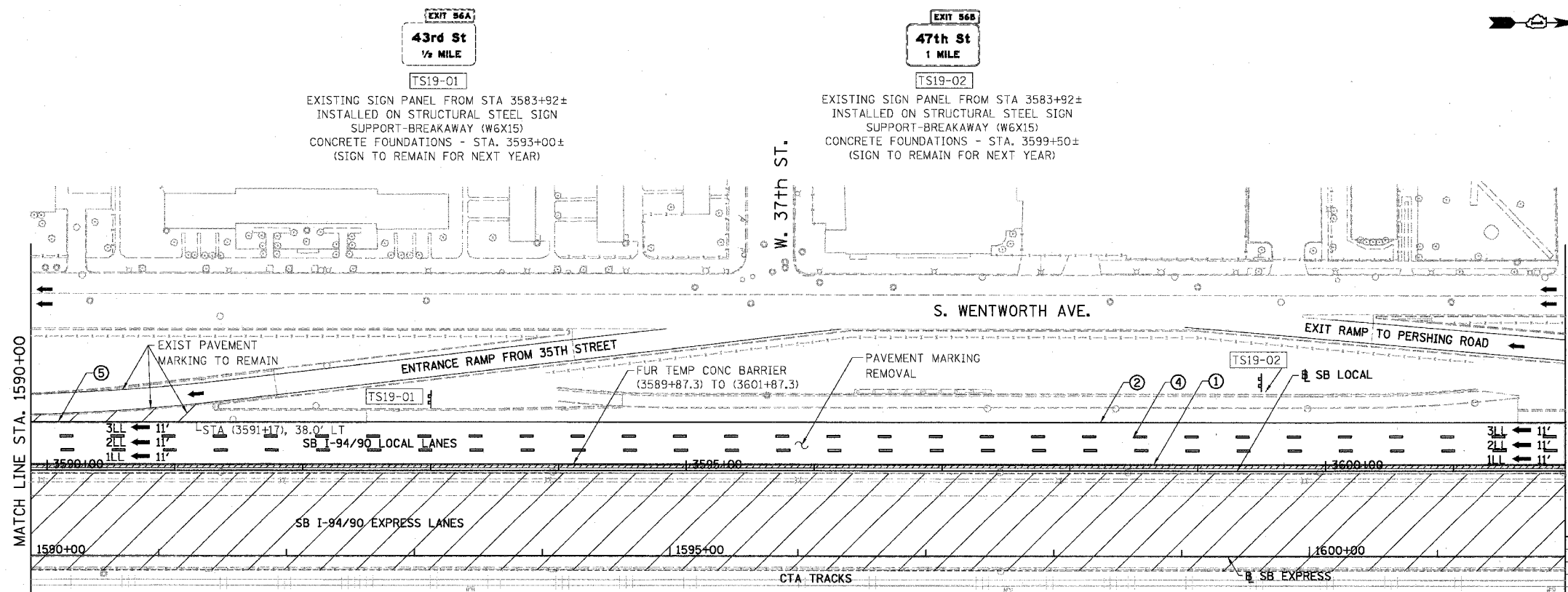
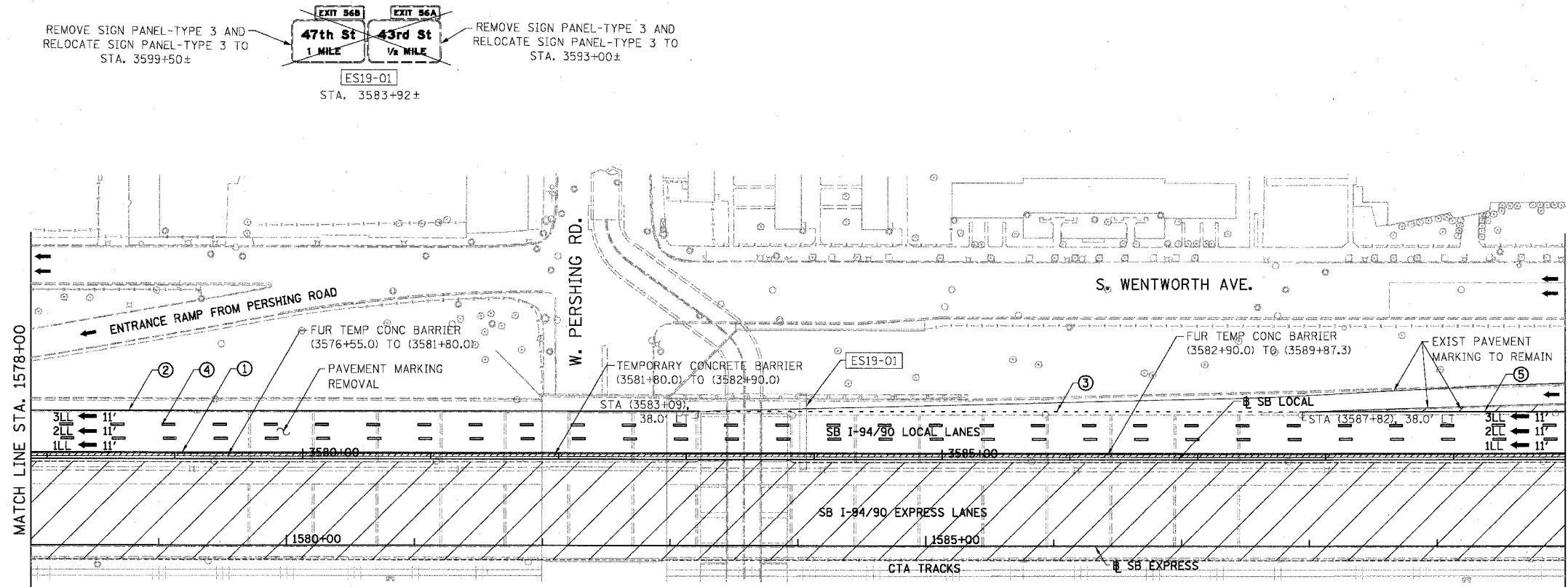


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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	103
STA. 1578+00		TO STA. 1602+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62302 *1818, ETC, 2324.6-IPR-9



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- 1LL TRAFFIC LANE & DIRECTION OF TRAFFIC
- DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- BARRICADE TYPE III
- TEMPORARY CONCRETE BARRIER
- ① LINE 4" (YELLOW EDGE LINE)
- ② LINE 4" (WHITE EDGE LINE)
- 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)
- ⑧ LINE 12" (DIAGONAL, 500' C-C)
- ⑨ LETTERS AND SYMBOLS
- ESx-xx EXISTING SIGNS
- TSx-xx TEMPORARY SIGNS

STATIONING

- +###.## STATION PROVIDED FROM THE SB I-90/94 EXPRESS LANES
- (+###.##) STATION PROVIDED FROM THE SB I-90/94 LOCAL LANES
- [+###.##] STATION PROVIDED FROM THE SLIP RAMP

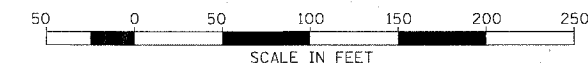
NOTE:

ALL PAVEMENT MARKINGS ON THIS SHEET WILL BE PAVEMENT MARKING TAPE, TYPE III, UNLESS OTHERWISE NOTED.

MOT-18

REVISIONS NAME	DATE

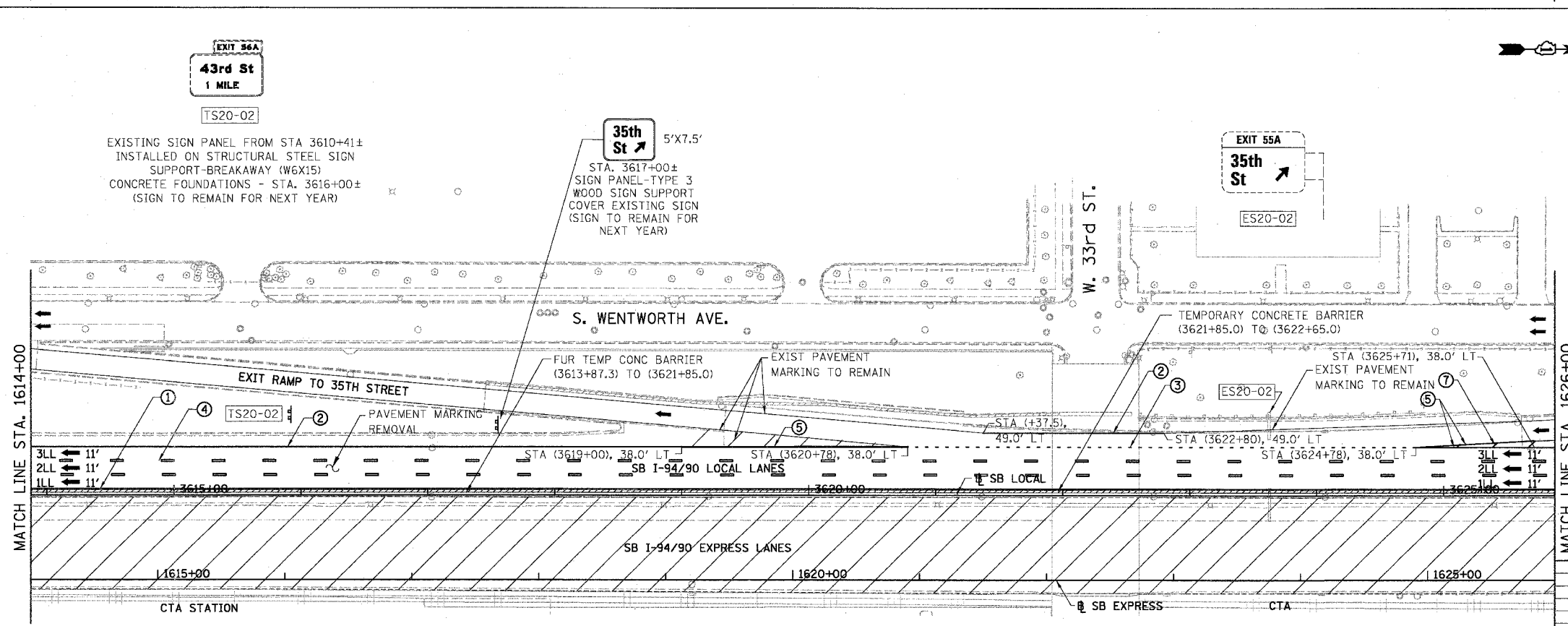
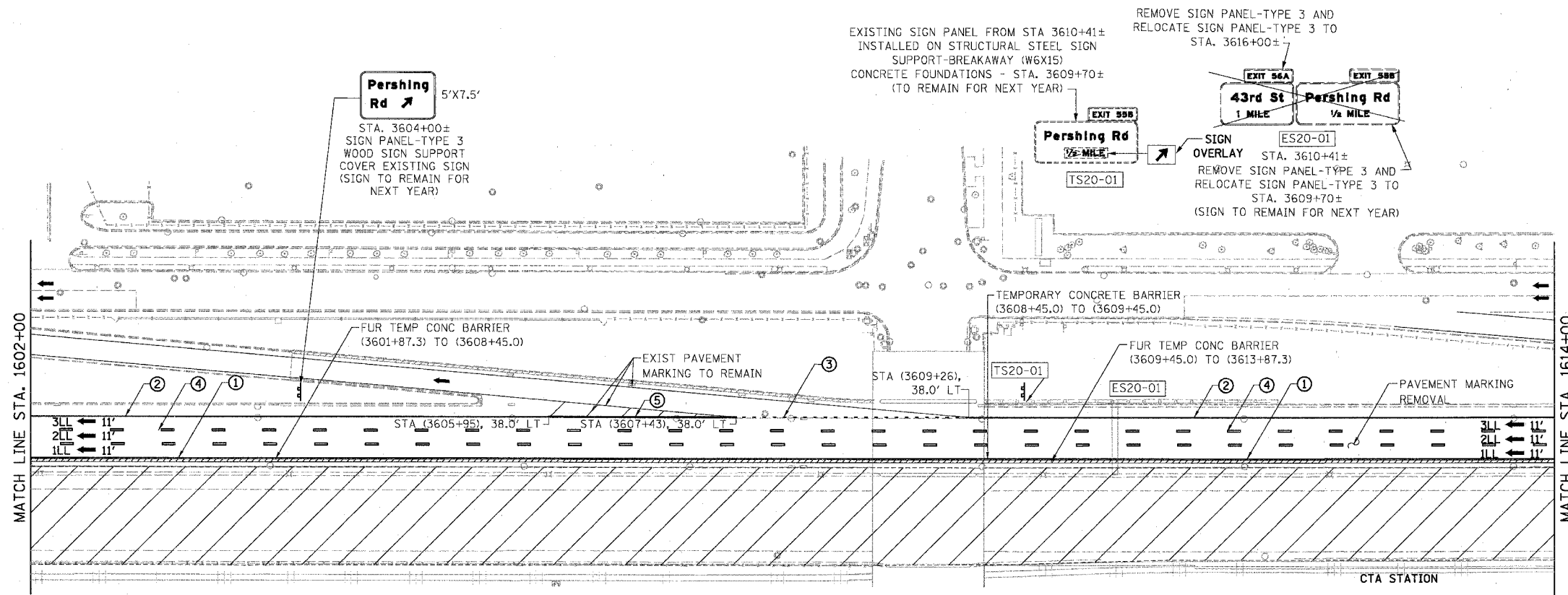
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN STAGE 1
 SOUTHBOUND STA. 1578+00 TO STA. 1602+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: RA
 CHECKED BY: RS



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6/24/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	104
STA. 1602+00		TO STA. 1626+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		*(1818, ETC, 2324.6-1PR-9		



- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - 1LL TRAFFIC LANE & DIRECTION OF TRAFFIC
 - DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - BARRICADE TYPE III
 - TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE LINE)
 - ② LINE 4" (WHITE EDGE LINE)
 - 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)
 - ⑧ LINE 12" (DIAGONAL, 500' C-C)
 - ⑨ LETTERS AND SYMBOLS
 - ESx-xx EXISTING SIGNS
 - TSx-xx TEMPORARY SIGNS

STATIONING

++**.## STATION PROVIDED FROM THE I-90/94 EXPRESS LANES

(+**.##) STATION PROVIDED FROM THE I-90/94 LOCAL LANES

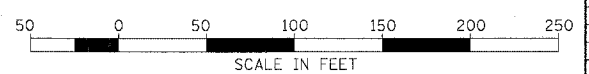
[+**.##] STATION PROVIDED FROM THE SLIP RAMP

NOTE:

ALL PAVEMENT MARKINGS ON THIS SHEET WILL BE PAVEMENT MARKING TAPE, TYPE III, UNLESS OTHERWISE NOTED.

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN STAGE 1
 SOUTHBOUND STA. 1602+00 TO STA. 1626+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: RA
 CHECKED BY: RS



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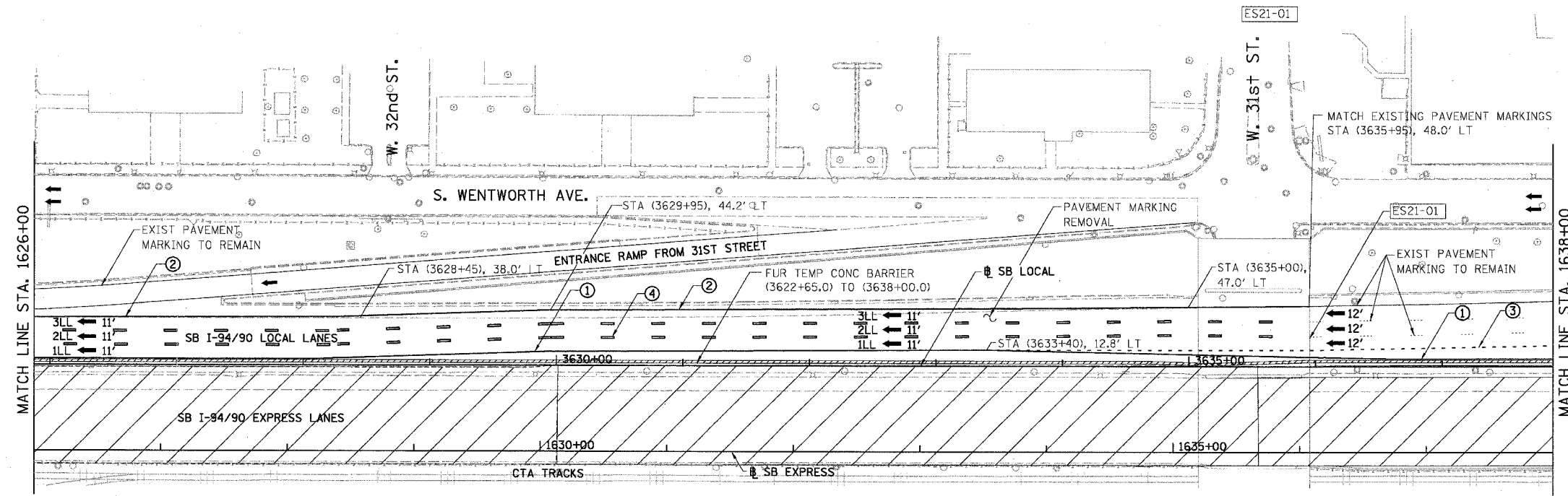
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	105
STA. 1626+00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*1818, ETC, 2324.6-1PIR-9			



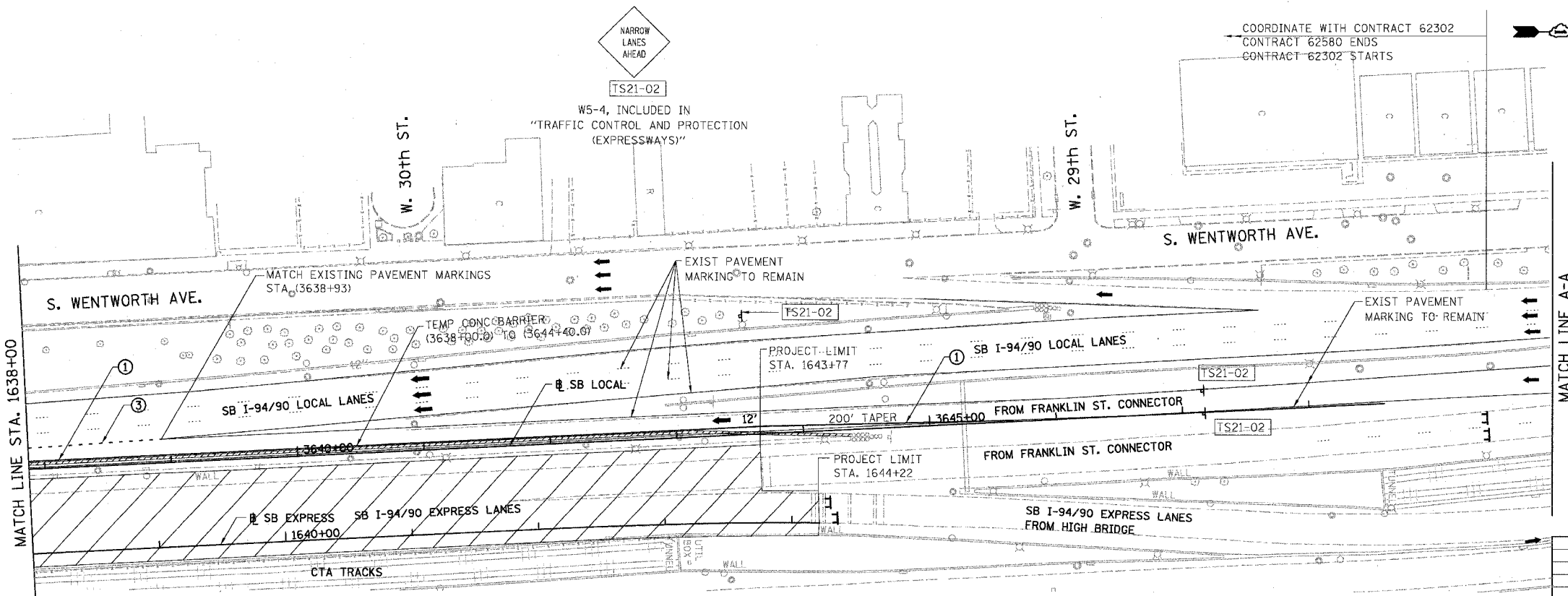
EXIT 55B
Pershing Rd
1/2 MILE

EXIT 55A
35th St
1/4 MILE



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- ILL TRAFFIC LANE & DIRECTION OF TRAFFIC
- DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- BARRICADE TYPE III
- TEMPORARY CONCRETE BARRIER
- ① LINE 4" (YELLOW EDGE LINE)
- ② LINE 4" (WHITE EDGE LINE)
- 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)
- ⑧ LINE 12" (DIAGONAL, 500' C-C)
- ⑨ LETTERS AND SYMBOLS
- ESX-XX EXISTING SIGNS
- TSX-XX TEMPORARY SIGNS



STATIONING

- +++.** STATION PROVIDED FROM THE I-90/94 EXPRESS LANES
- (+**.**.) STATION PROVIDED FROM THE I-90/94 LOCAL LANES
- [+**.**.] STATION PROVIDED FROM THE SLIP RAMP

NOTE:

ALL PAVEMENT MARKINGS ON THIS SHEET WILL BE PAVEMENT MARKING TAPE, TYPE III, UNLESS OTHERWISE NOTED.

MOT-20

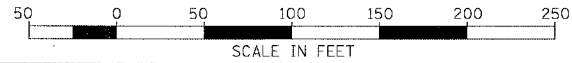
REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN STAGE 1
SOUTHBOUND STA. 1626+00 TO STA.

SCALE: 1"=50'
DATE: 01/07/05

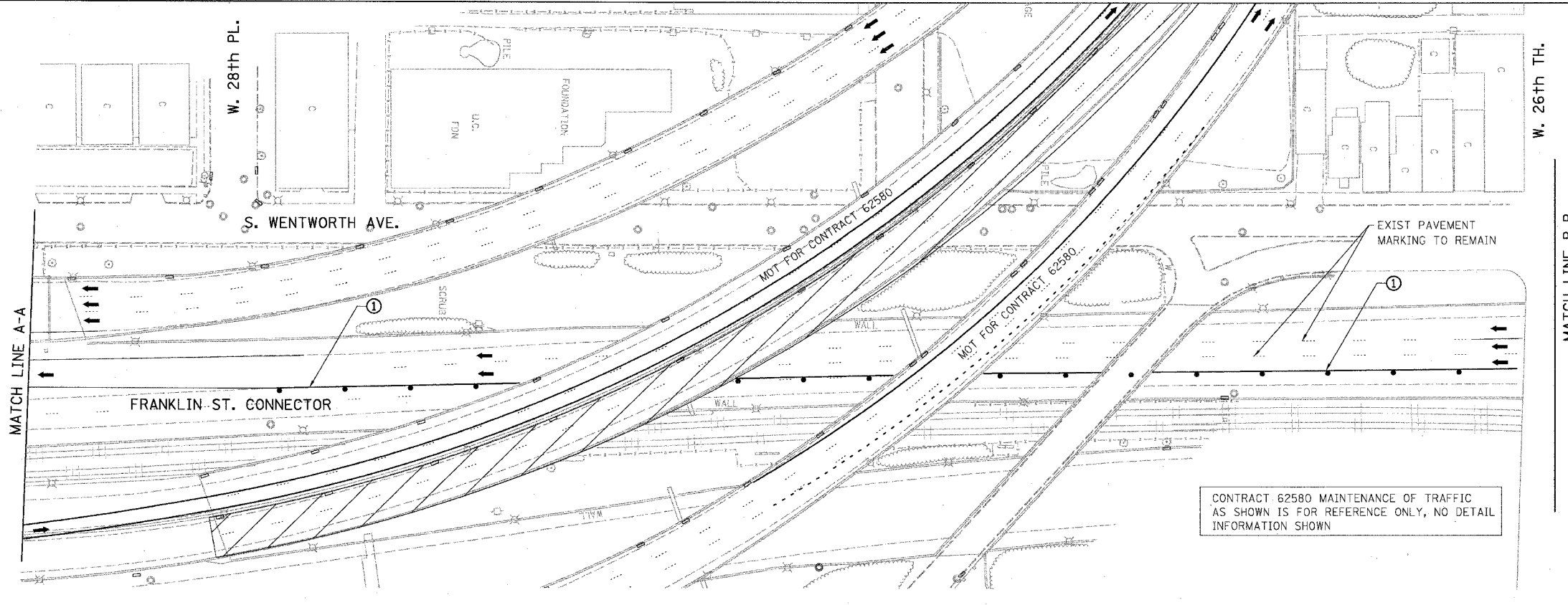
DRAWN BY: RA
CHECKED BY: RS

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16-660-0000-001-INS-SHEET 15/660-151070-00

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	106
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*1818, ETC, 2324.6-1PR-9			



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- ILL. TRAFFIC LANE & DIRECTION OF TRAFFIC
- DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- BARRICADE TYPE III
- TEMPORARY CONCRETE BARRIER
- ① LINE 4" (YELLOW EDGE LINE)
- ② LINE 4" (WHITE EDGE LINE)
- 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)
- ⑧ LINE 12" (DIAGONAL, 500' C-C)
- ⑨ LETTERS AND SYMBOLS
- ESx-xx EXISTING SIGNS
- TSx-xx TEMPORARY SIGNS

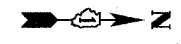
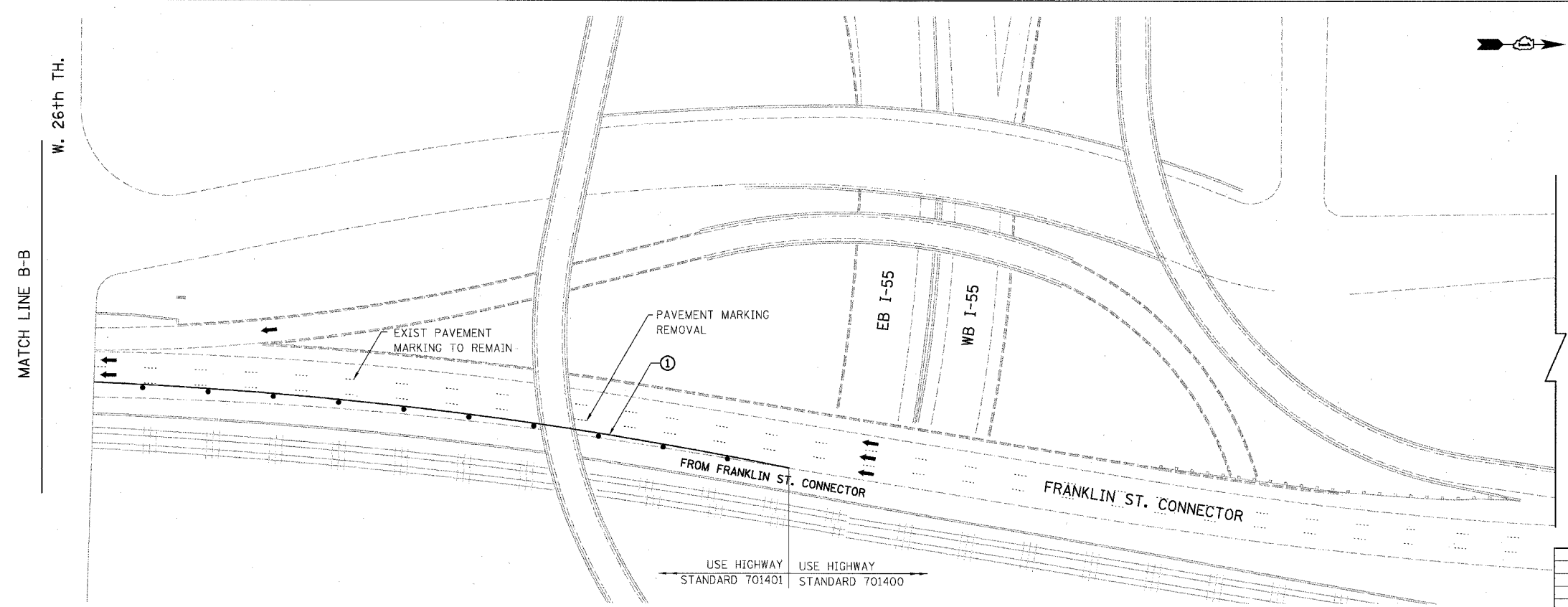
STATIONING

- +###.## STATION PROVIDED FROM THE ④ I-90/94 EXPRESS LANES
- (+###.##) STATION PROVIDED FROM THE ④ I-90/94 LOCAL LANES
- [+###.##] STATION PROVIDED FROM THE SLIP RAMP ④

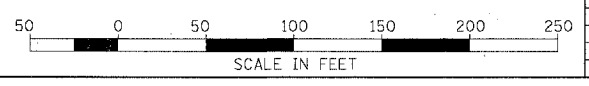
NOTE:

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MOT-21



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REVISIONS NAME	DATE

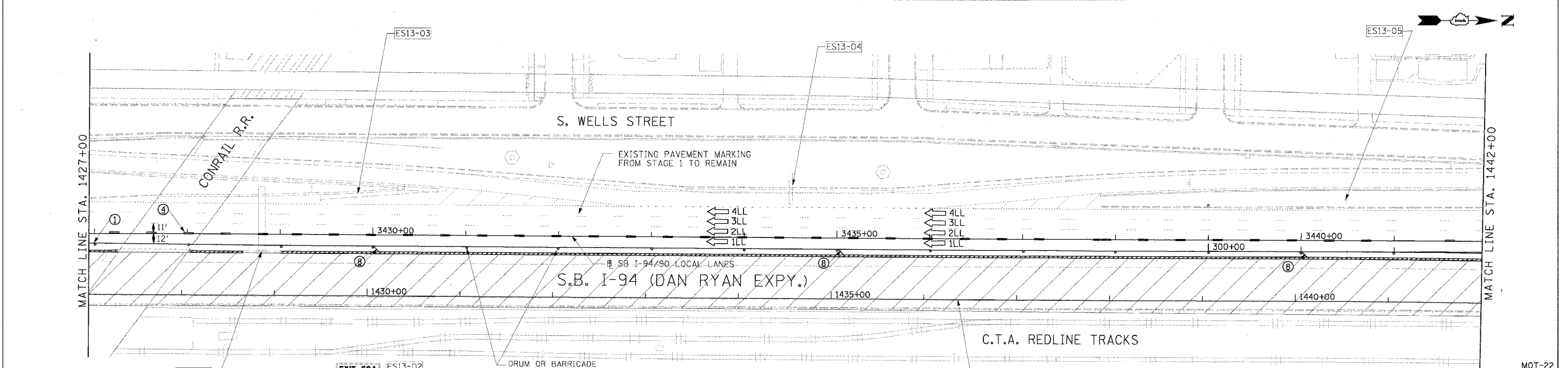
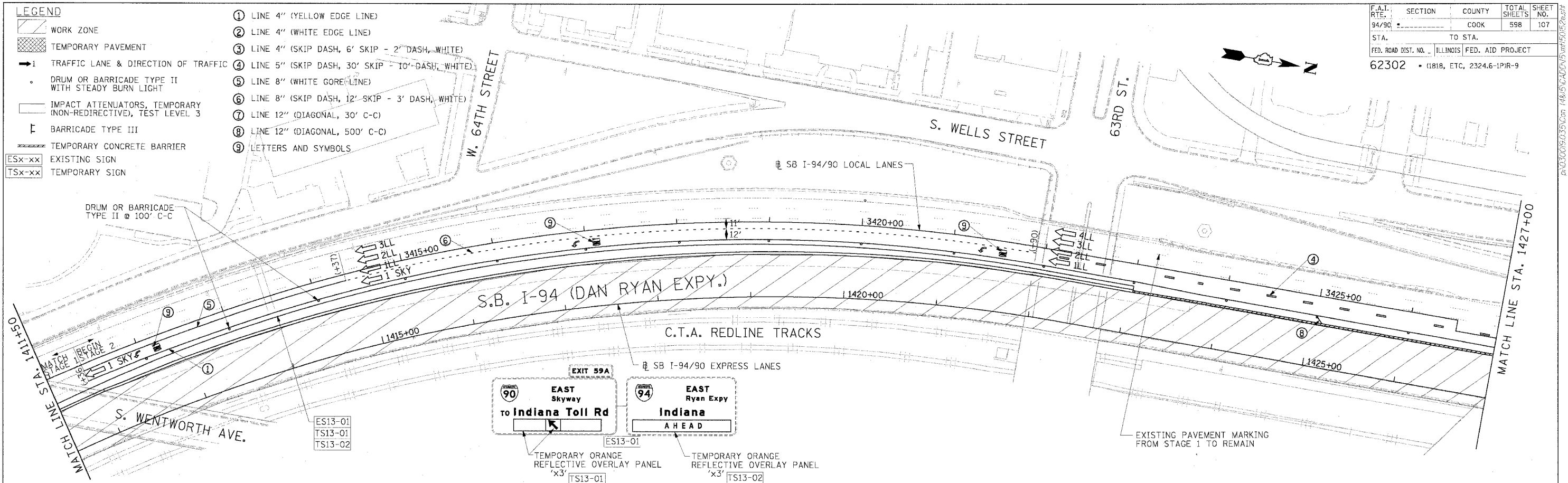
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN STAGE 1
SOUTHBOUND STA. TO STA.
SCALE: 1"=50'
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: RS

6/24/2005 3:21:06 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	107
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		11818, ETC, 2324.6-1P/R-9		

- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - TRAFFIC LANE & DIRECTION OF TRAFFIC
 - DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - BARRICADE TYPE III
 - TEMPORARY CONCRETE BARRIER
 - EXISTING SIGN
 - TEMPORARY SIGN

- ① LINE 4" (YELLOW EDGE LINE)
- ② LINE 4" (WHITE EDGE LINE)
- 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)
- ⑧ LINE 12" (DIAGONAL, 500' C-C)
- ⑨ LETTERS AND SYMBOLS



Edwards AND Kelcey

ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
WEB: WWW.EKCORP.COM

EXIT 59A
EAST Skyway
to Indiana Toll Rd
LEFT 2 LANES
TEMPORARY ORANGE REFLECTIVE OVERLAY PANEL 'X3' TS13-03

EXIT 58B
EAST Ryan Expy
Indiana
RIGHT 2 LANES
EXISTING ORANGE REFLECTIVE OVERLAY PANEL FROM CONTRACT 62589

EXIT 58B
63rd St
↑
ES13-04

STATIONING

+** STATION PROVIDED FROM THE I-90/94 EXPRESS LANES

(+***) STATION PROVIDED FROM THE I-90/94 LOCAL LANES

NOTE:
ALL PAVEMENT MARKINGS ON THIS SHEET ARE PAVEMENT MARKING TAPE, TYPE III UNLESS OTHERWISE NOTED.

REVISIONS	
NAME	DATE

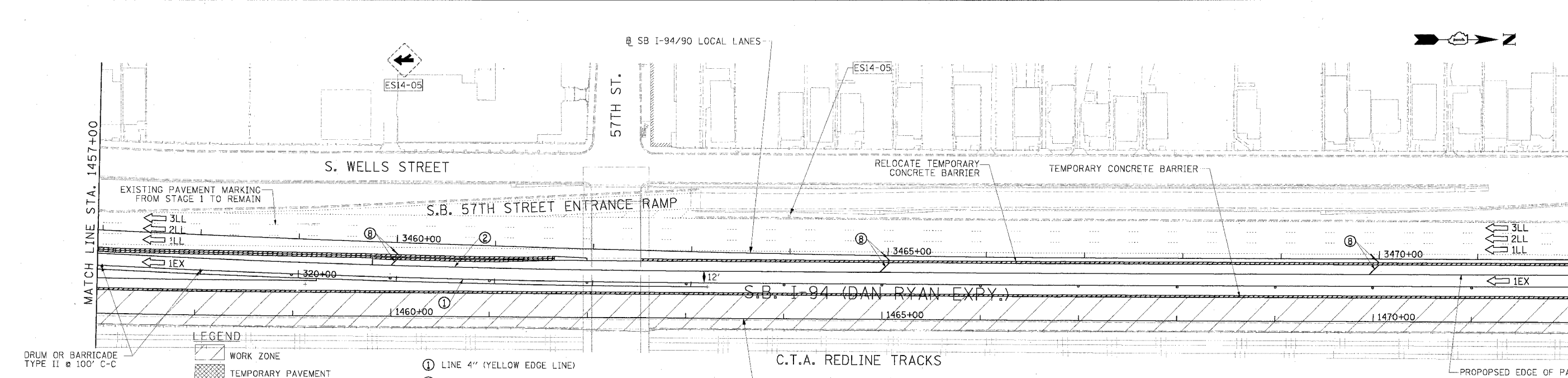
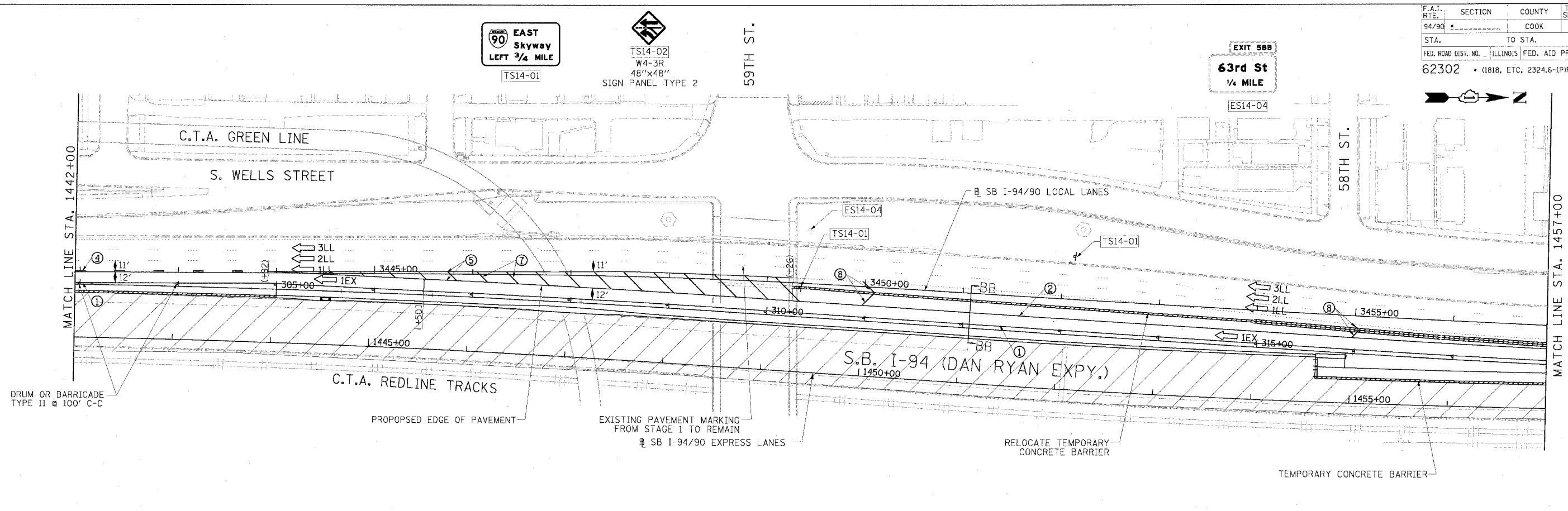
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN
SOUTHBOUND STA. 1411+50 TO STA. 1442+00
STAGE 2

SCALE: 1"=50'
DATE: 7/1/05

DRAWN BY: TAI
CHECKED BY: PJM

MOT-22 08/24/2005 08:46:19 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	108
STA.	TO STA.			
62302	1818, ETC. 2324.6-1P/R-9			



- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - TRAFFIC LANE & DIRECTION OF TRAFFIC
 - DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - BARRICADE TYPE III
 - TEMPORARY CONCRETE BARRIER
 - EXISTING SIGN
 - TEMPORARY SIGN
- ① LINE 4" (YELLOW EDGE LINE)
 - ② LINE 4" (WHITE EDGE LINE)
 - ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
 - ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
 - ⑤ LINE 8" (WHITE CORE LINE)
 - ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
 - ⑦ LINE 12" (DIAGONAL, 30' C-C)
 - ⑧ LINE 12" (DIAGONAL, 500' C-C)
 - ⑨ LETTERS AND SYMBOLS

STATIONING

+++ STATION PROVIDED FROM THE SB I-90/94 EXPRESS LANES

(+**) STATION PROVIDED FROM THE SB I-90/94 LOCAL LANES

NOTE:

ALL PAVEMENT MARKINGS ON THIS SHEET ARE PAVEMENT MARKING TAPE, TYPE III UNLESS OTHERWISE NOTED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1442+00 TO STA. 1472+00
 STAGE 2










SCALE: 1"=50'
 DATE: 7/1/05

DRAWN BY: TAI
 CHECKED BY: PJM

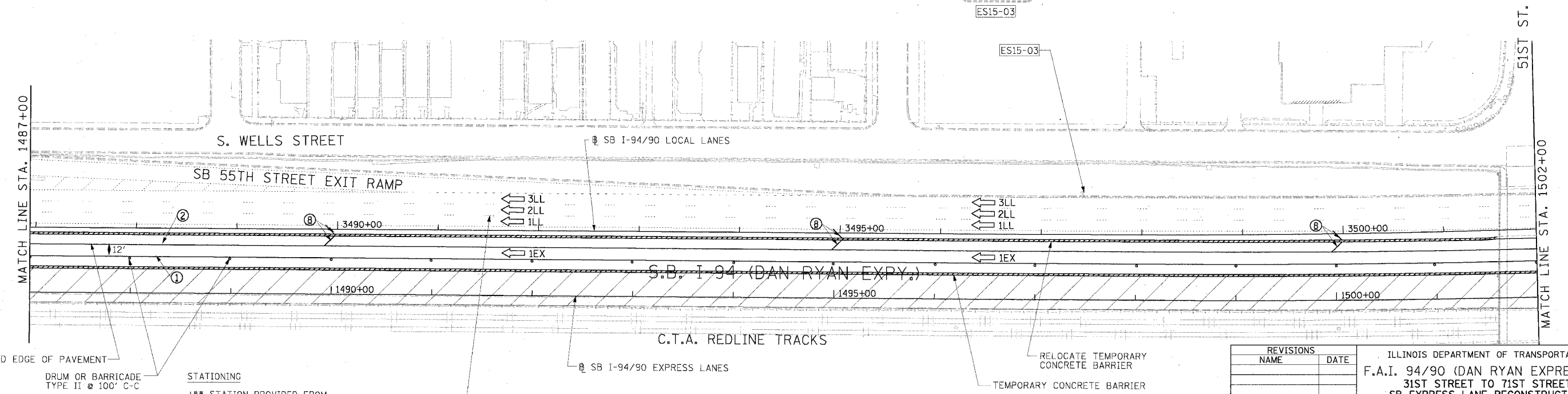
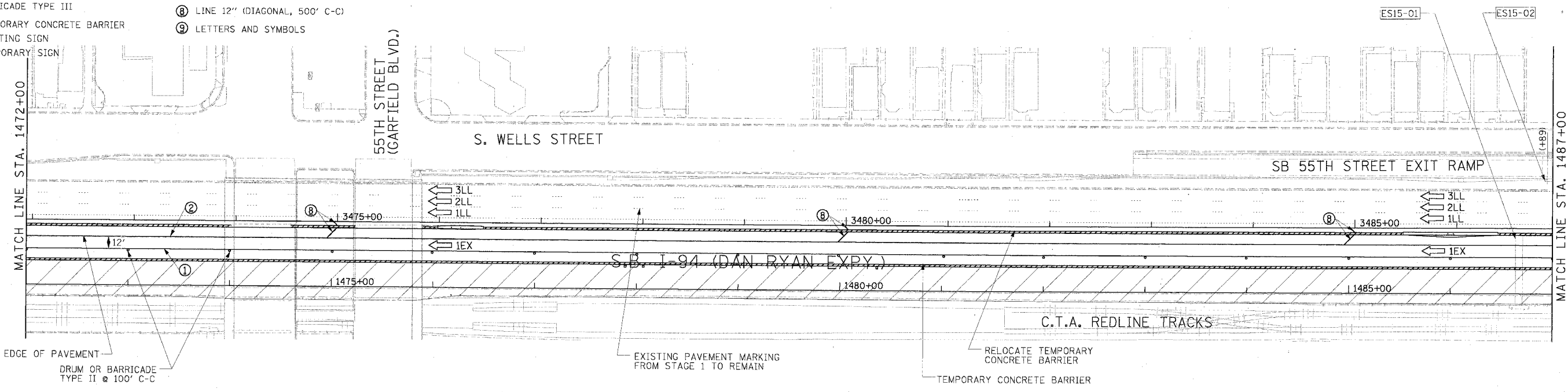
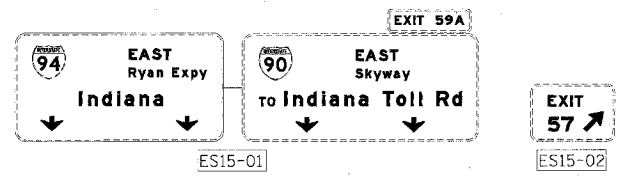
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

P:\030019\030019.dwg 148\15\CADD\NS\148150162.dwg 08/24/2005 09:45:47 AM

LEGEND

-  WORK ZONE
-  TEMPORARY PAVEMENT
-  TRAFFIC LANE & DIRECTION OF TRAFFIC
-  DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
-  IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
-  BARRICADE TYPE III
-  TEMPORARY CONCRETE BARRIER
-  EXISTING SIGN
-  TEMPORARY SIGN
- ① LINE 4" (YELLOW EDGE LINE)
- ② LINE 4" (WHITE EDGE LINE)
- 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)
- ⑧ LINE 12" (DIAGONAL, 500' C-C)
- ⑨ LETTERS AND SYMBOLS

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 109
STA. 62302	TO STA. 1818, ETC, 2324.6-1P/R-9		ILLINOIS FED. AID PROJECT	



Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

STATIONING
 +** STATION PROVIDED FROM THE I-90/94 EXPRESS LANES
 (+***) STATION PROVIDED FROM THE I-90/94 LOCAL LANES

NOTE:
 ALL PAVEMENT MARKINGS ON THIS SHEET ARE PAVEMENT MARKING TAPE, TYPE III UNLESS OTHERWISE NOTED.

REVISIONS	NAME	DATE

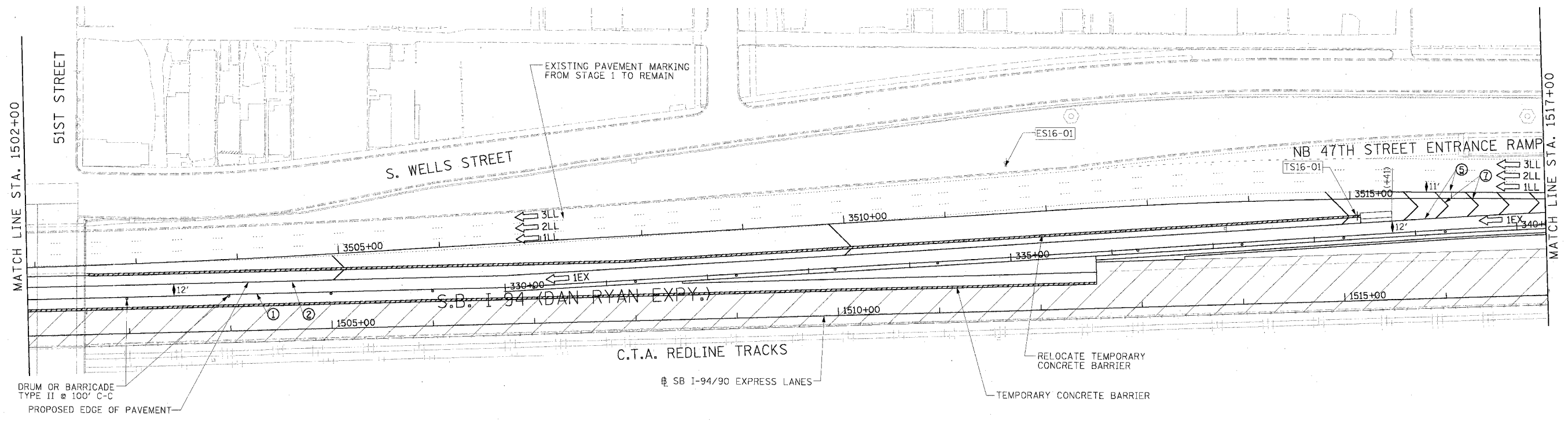
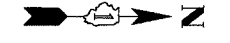
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1472+00 TO STA. 1502+00
 STAGE 2
 SCALE: 1"=50'
 DATE: 7/1/05
 DRAWN BY: TAI
 CHECKED BY: PJM

P:\03009\0305\0305.dwg 1818\5\CADD\N5\MAINT507.Plot

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	110
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	11818, ETC, 2324.6-1PR-9			

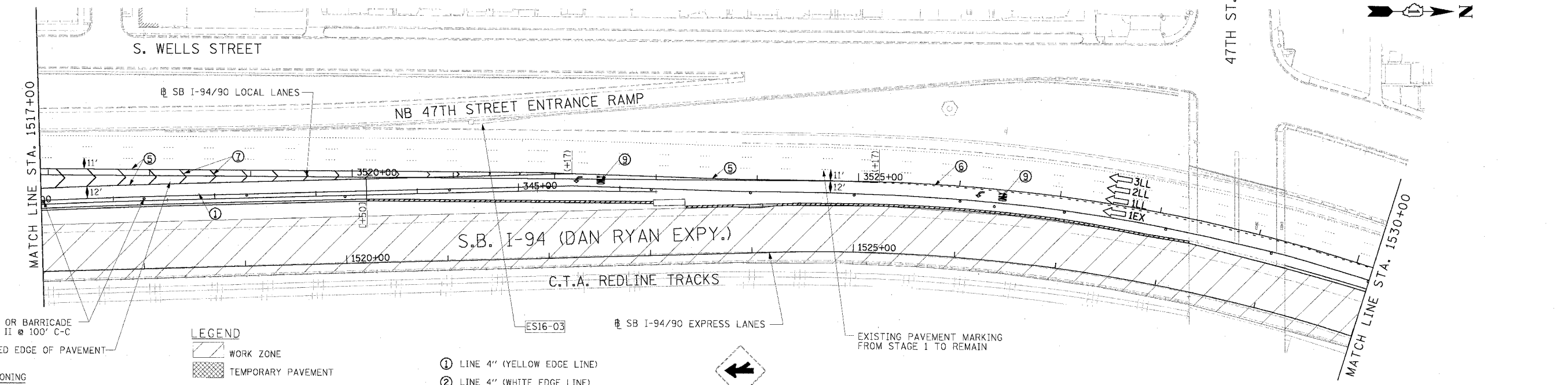
EXIT 57B
Garfield Blvd
 1/2 MILE
 ES16-01

TS16-01
 W12-1
 48"x48"
 SIGN PANEL TYPE 2



DRUM OR BARRICADE
 TYPE II @ 100' C-C
 PROPOSED EDGE OF PAVEMENT

RELOCATE TEMPORARY
 CONCRETE BARRIER
 TEMPORARY CONCRETE BARRIER



DRUM OR BARRICADE
 TYPE II @ 100' C-C
 PROPOSED EDGE OF PAVEMENT

STATIONING
 *** STATION PROVIDED FROM
 THE SB I-90/94 EXPRESS LANES
 (+***) STATION PROVIDED FROM
 THE SB I-90/94 LOCAL LANES

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TRAFFIC LANE & DIRECTION OF TRAFFIC
- DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- BARRICADE TYPE III
- TEMPORARY CONCRETE BARRIER
- ESx-xx EXISTING SIGN
- TSx-xx TEMPORARY SIGN
- ① LINE 4" (YELLOW EDGE LINE)
- ② LINE 4" (WHITE EDGE LINE)
- 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)
- ⑧ LINE 12" (DIAGONAL, 500' C-C)
- ⑨ LETTERS AND SYMBOLS



NOTE:
 ALL PAVEMENT MARKINGS ON THIS SHEET ARE PAVEMENT MARKING TAPE, TYPE III UNLESS OTHERWISE NOTED.

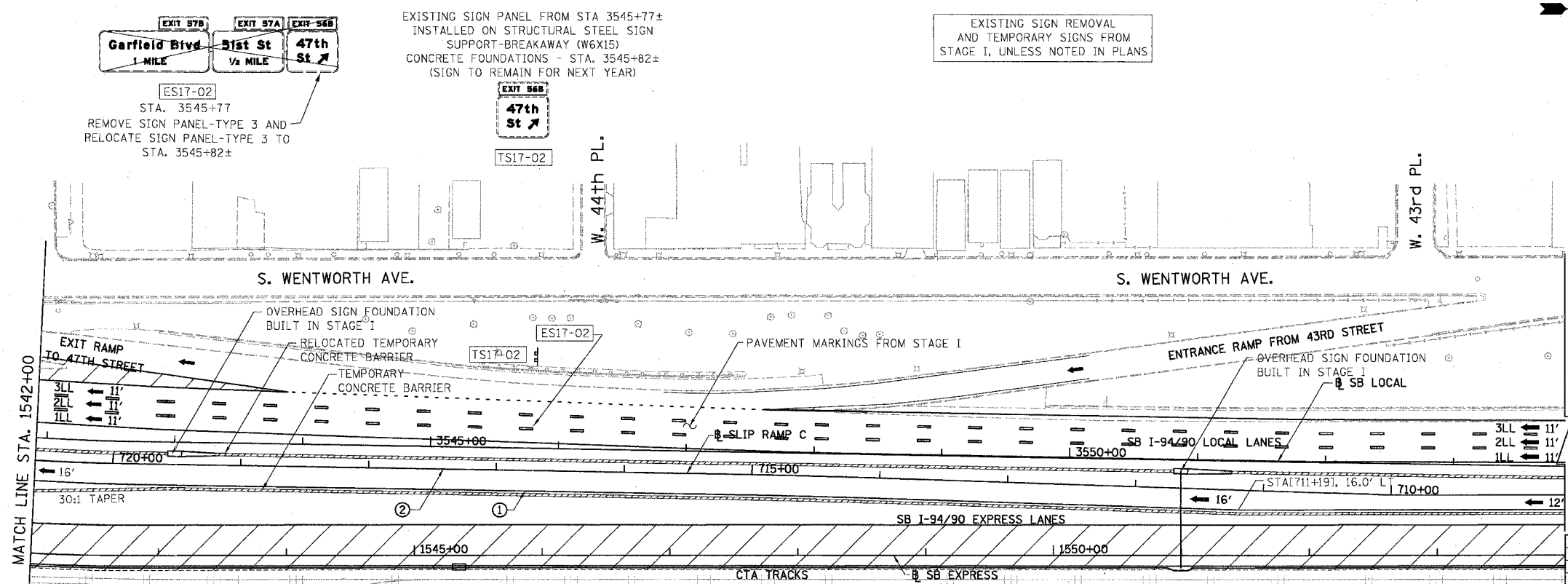
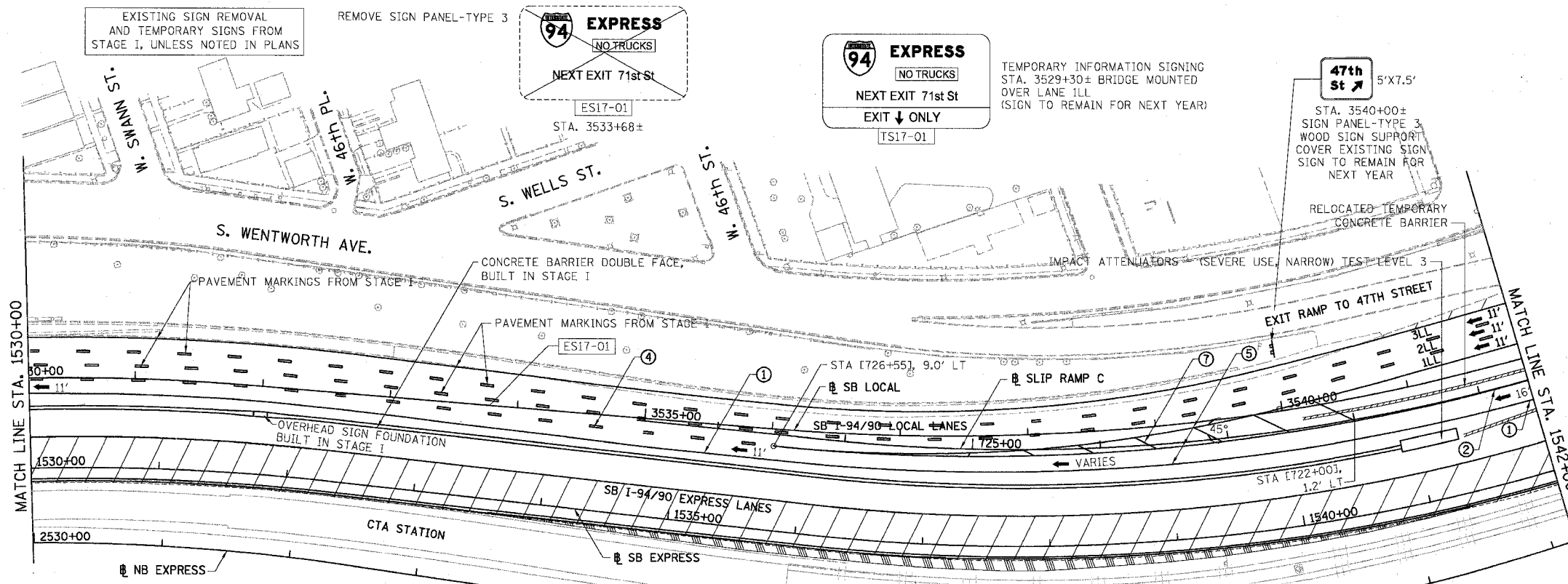
REVISIONS	DATE
NAME	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1502+00 TO STA. 1530+00
 STAGE 2
 SCALE: 0' 1"=50'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

P:\03\00191035\Con 18\15\CADD\N\18\15\0825.dwg
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 MOT-25

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	111
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*118, ETC, 2324.6-1PR-9			



- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - ILL TRAFFIC LANE & DIRECTION OF TRAFFIC
 - DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - BARRICADE TYPE III
 - TEMPORARY CONCRETE BARRIER
 - LINE 4" (YELLOW EDGE LINE)
 - LINE 4" (WHITE EDGE LINE)
 - LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
 - LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
 - LINE 8" (WHITE GORE LINE)
 - LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
 - LINE 12" (DIAGONAL, 30' C-C)
 - LINE 12" (DIAGONAL, 500' C-C)
 - LETTERS AND SYMBOLS
 - EXISTING SIGNS
 - TEMPORARY SIGNS

STATIONING

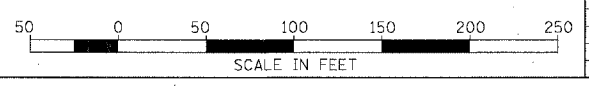
+++ STATION PROVIDED FROM THE I-90/94 EXPRESS LANES
 (+++) STATION PROVIDED FROM THE I-90/94 LOCAL LANES
 [+++] STATION PROVIDED FROM THE SLIP RAMP

NOTE:

ALL PAVEMENT MARKINGS ON THIS SHEET WILL BE PAVEMENT MARKING TAPE, TYPE III, UNLESS OTHERWISE NOTED.

REVISIONS	NAME	DATE

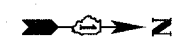
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN STAGE 2
 SOUTHBOUND STA. 1530+00 TO STA. 1554+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: RA
 CHECKED BY: RS



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

6/24/2005 3:21:45 PM MOT-26

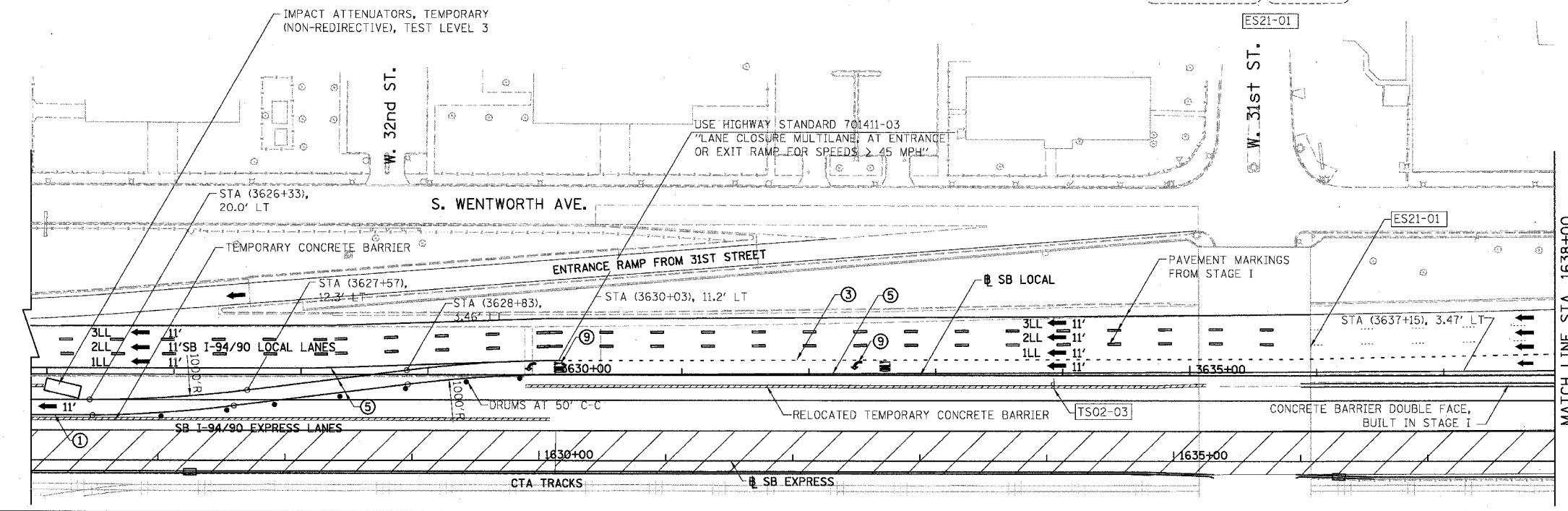
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	112
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*11818, ETC., 2324.6-1P1R-9			



EXISTING SIGN REMOVAL AND TEMPORARY SIGNS FROM STAGE I, UNLESS NOTED IN PLANS

EXIT 55B
Pershing Rd
1/2 MILE

EXIT 55A
35th St
1/4 MILE



MATCH LINE STA. 1638+00

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TRAFFIC LANE & DIRECTION OF TRAFFIC
- DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- BARRICADE TYPE III
- TEMPORARY CONCRETE BARRIER
- ① LINE 4" (YELLOW EDGE LINE)
- ② LINE 4" (WHITE EDGE LINE)
- 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)
- ⑧ LINE 12" (DIAGONAL, 500' C-C)
- ⑨ LETTERS AND SYMBOLS
- ESx-xx EXISTING SIGNS
- TSx-xx TEMPORARY SIGNS

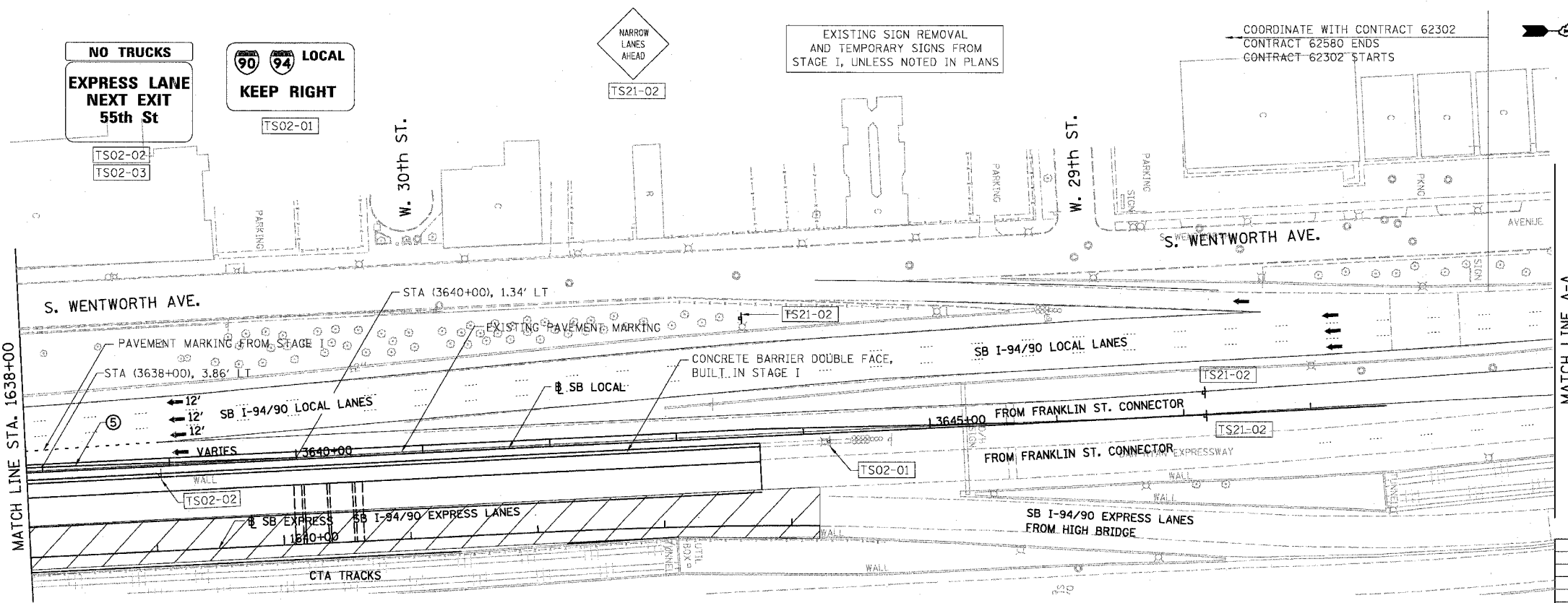
STATIONING

- +++ STATION PROVIDED FROM THE SB I-90/94 EXPRESS LANES
- (+++ STATION PROVIDED FROM THE SB I-90/94 LOCAL LANES
- [+++ STATION PROVIDED FROM THE SLIP RAMP

NOTE:

ALL PAVEMENT MARKINGS ON THIS SHEET WILL BE PAVEMENT MARKING TAPE, TYPE III, UNLESS OTHERWISE NOTED.

MOT-27



MATCH LINE A-A

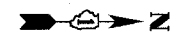
NO TRUCKS
EXPRESS LANE
NEXT EXIT
55th St

LOCAL
KEEP RIGHT

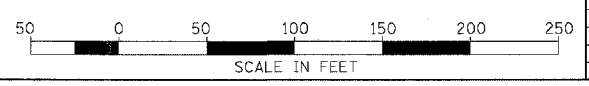
NARROW LANES AHEAD

EXISTING SIGN REMOVAL AND TEMPORARY SIGNS FROM STAGE I, UNLESS NOTED IN PLANS

COORDINATE WITH CONTRACT 62302
CONTRACT 62580 ENDS
CONTRACT 62302 STARTS



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



REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN STAGE 2
SOUTHBOUND STA. 1626+00 TO STA.
SCALE: 1"=50'
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: RS

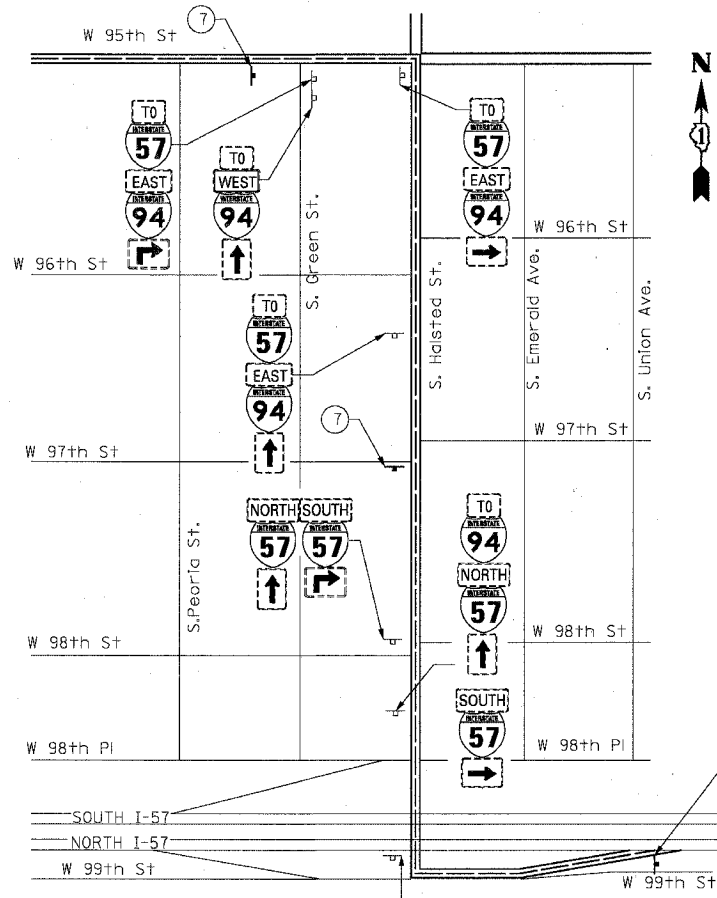
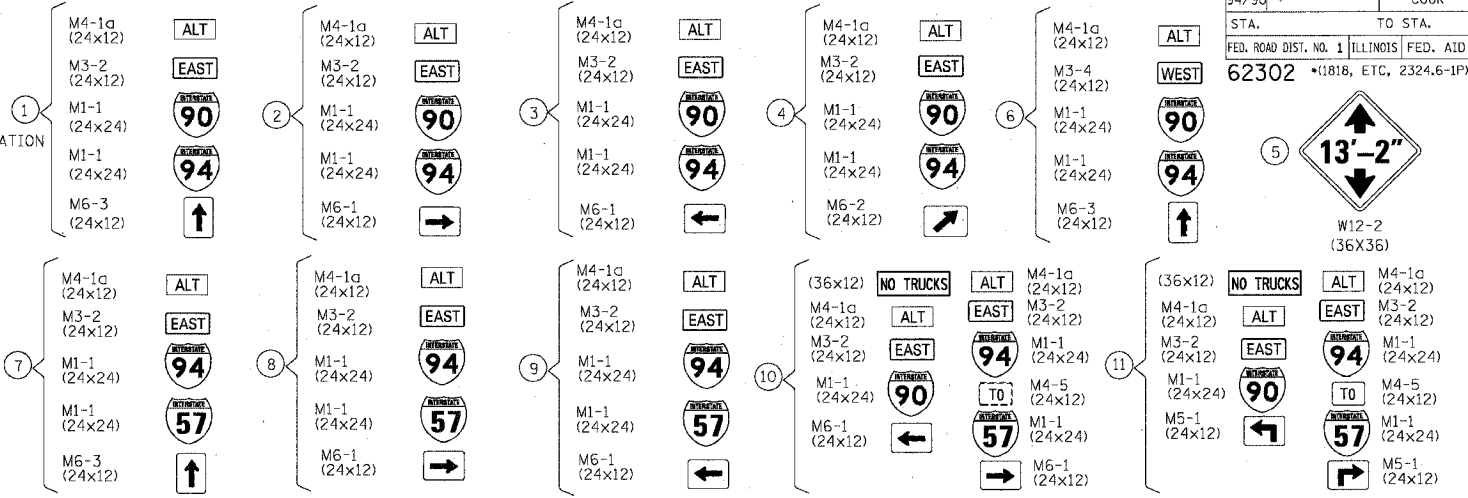
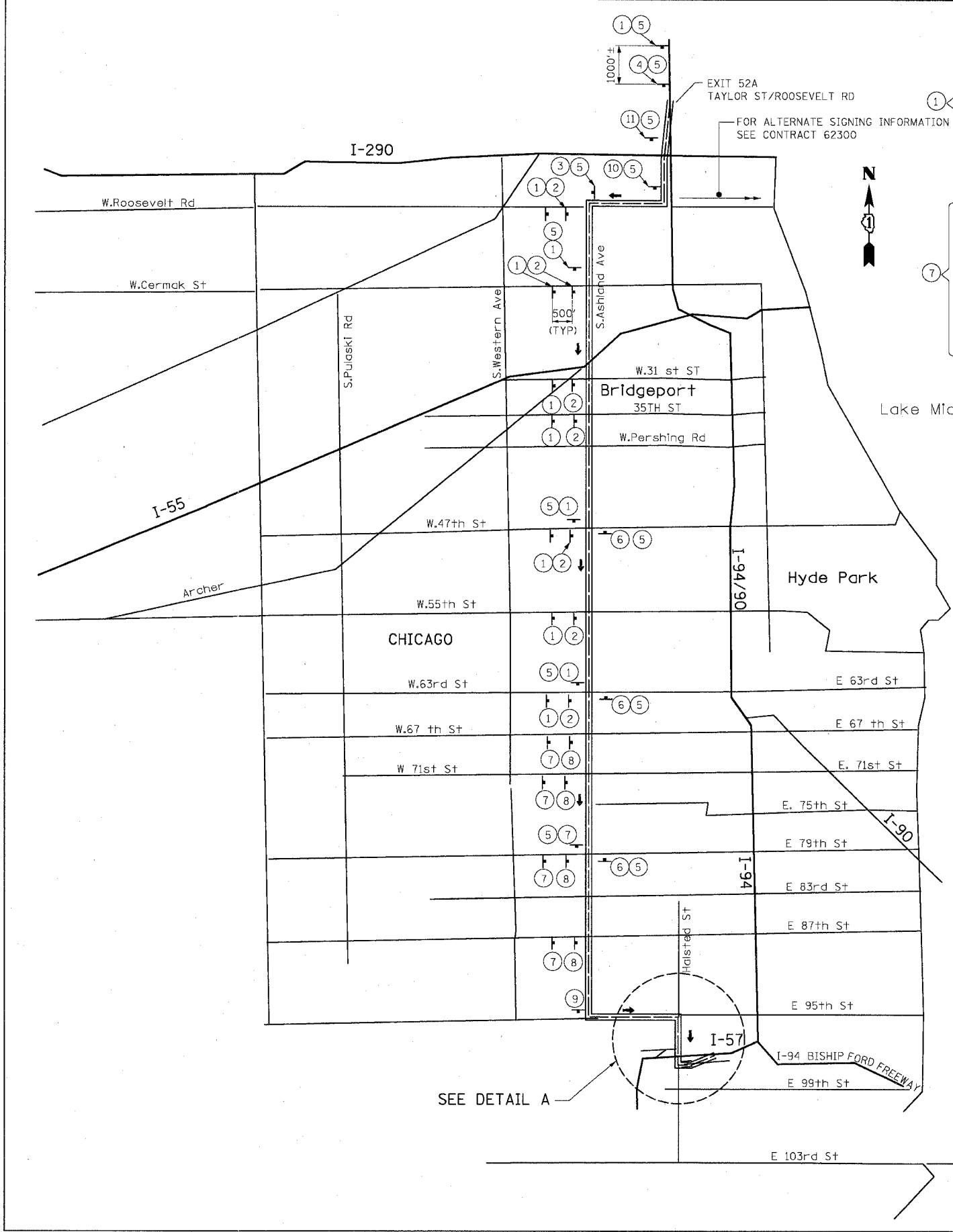
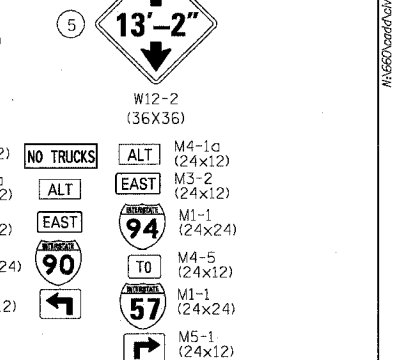
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	COOK	598	113

STA. TO STA. TO STA. TO STA.

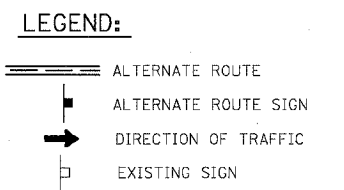
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

62302 *11818, ETC, 2324.6-1P1R-9



SCHEDULE			
NO.	TYPE	SIZE (FT)	AREA (SQ. FT.)
39	M4-1a	2 x 1	78
37	M3-2	2 x 1	74
3	M3-4	2 x 1	6
78	M1-1	2 x 2	312
17	M6-1	2 x 1	34
2	M6-2	2 x 1	2
21	M6-3	2 x 1	42
2	M5-1	2 x 1	4
2	M4-5	2 x 1	4
12	W12-2	3 x 3	108

TOTAL = 664 SQ. FT.
SIGN PANEL ASSEMBLY - TYPE 2
WOOD SIGN SUPPORT - (942 FT)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
ALTERNATE ROUTE PLAN

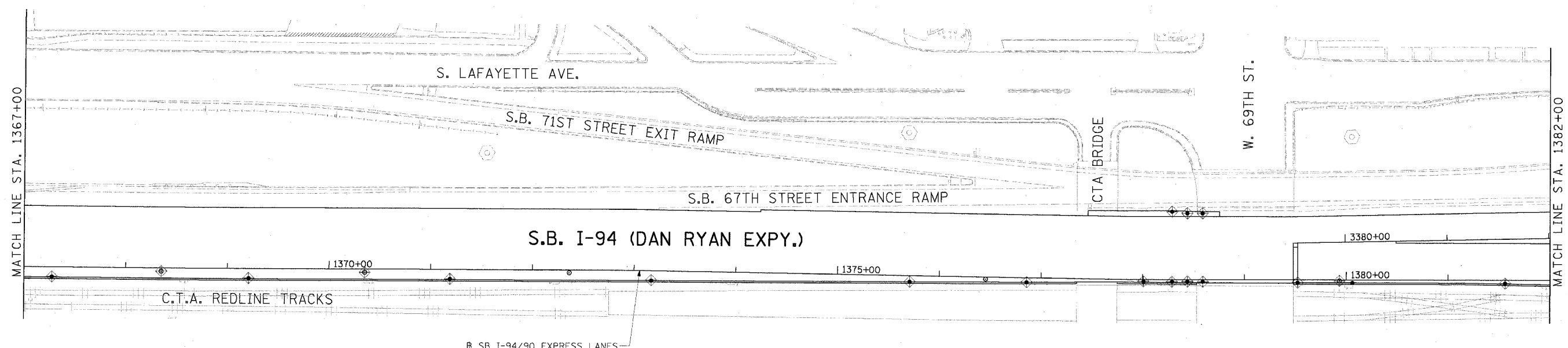
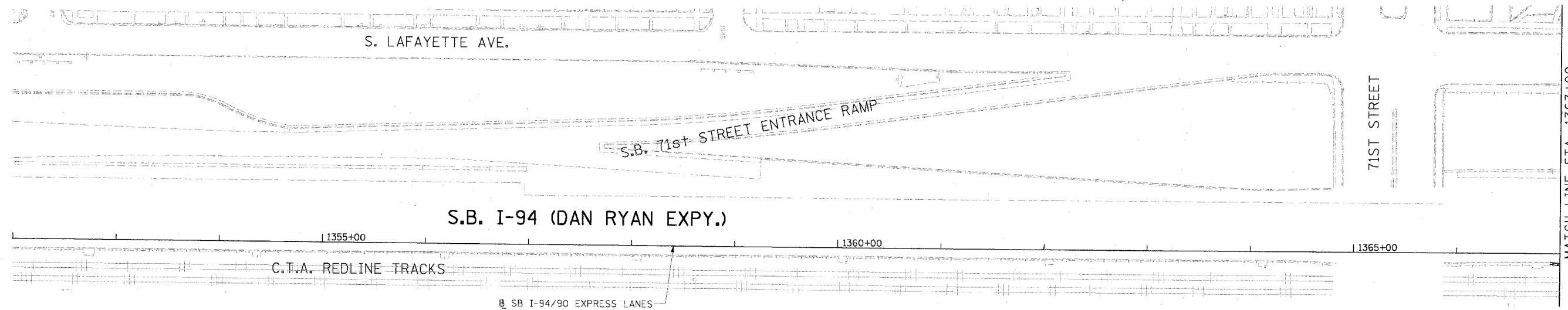
SCALE: NTS
DATE: 07/07/05
DRAWN BY: RV
CHECKED BY: AS

K&E KAM ENGINEERING, INC.
CONSULTING ENGINEERS
701A Davis Road, Suite 205
Evanston, Illinois 60203-1369





MOT-28

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	114
STA.		TO STA.		
62302		1818, ETC, 2324.6-1PJR-9		



LEGEND

-  INLET FILTER
-  PERIMETER EROSION BARRIER
-  SEEDING, CLASS 2A
TOPSOIL FURNISH AND PLACE, 4"
EROSION CONTROL BLANKET
-  SEEDING, CLASS 2A
TOPSOIL FURNISH AND PLACE, 8"
COMPOST FURNISH AND PLACE, 4"
MULCH, METHOD 2
EROSION CONTROL BLANKET

LANDSCAPING NOTES:

1. 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 DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN REJECTION OF SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
2. 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.
3. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF THE EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF THE EXISTING PLANT MATERIAL OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.

EROSION CONTROL NOTES:

1. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY 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 EXPECTED PENDING A JOBSITE 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.

**Edwards
AND Kelcey**
ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
WEB: WWW.EKCORP.COM

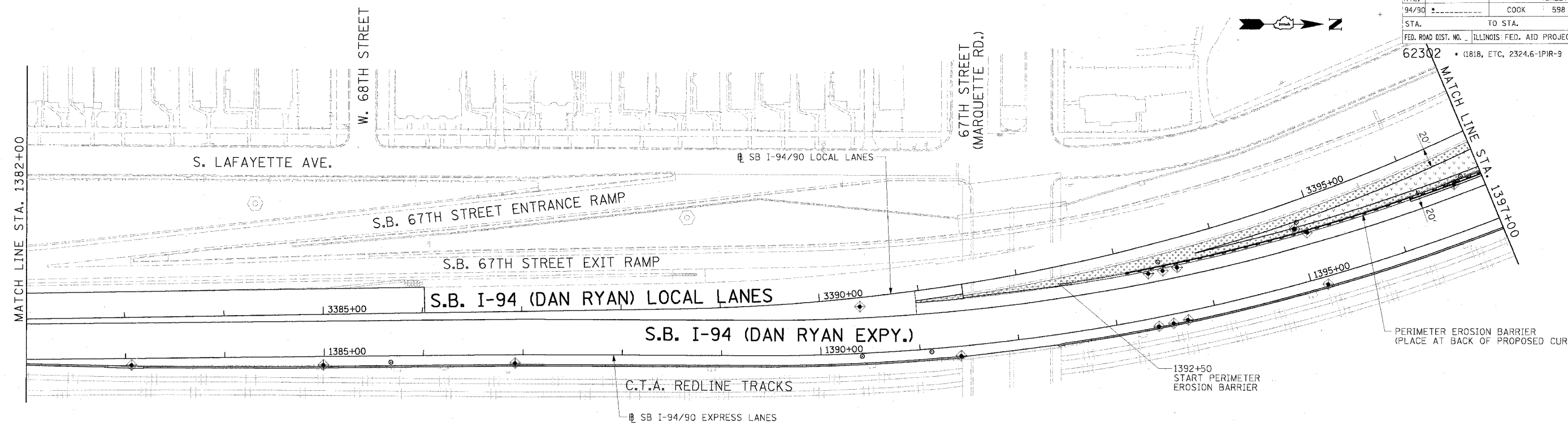
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
EROSION CONTROL
AND LANDSCAPING PLAN
SOUTHBOUND STA. 1352+00 TO STA. 1382+00
SCALE: 0" = 50' = 100'
DATE: 7/7/05
DRAWN BY: TAI
CHECKED BY: PJM

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06/24/2005 09:51:27 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
94/90		COOK	598 115
STA.	TO STA.		
62302	1382+00 TO 1412+00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
	* (1818, ETC, 2324.6-1PIR-9		



LANDSCAPING NOTES:

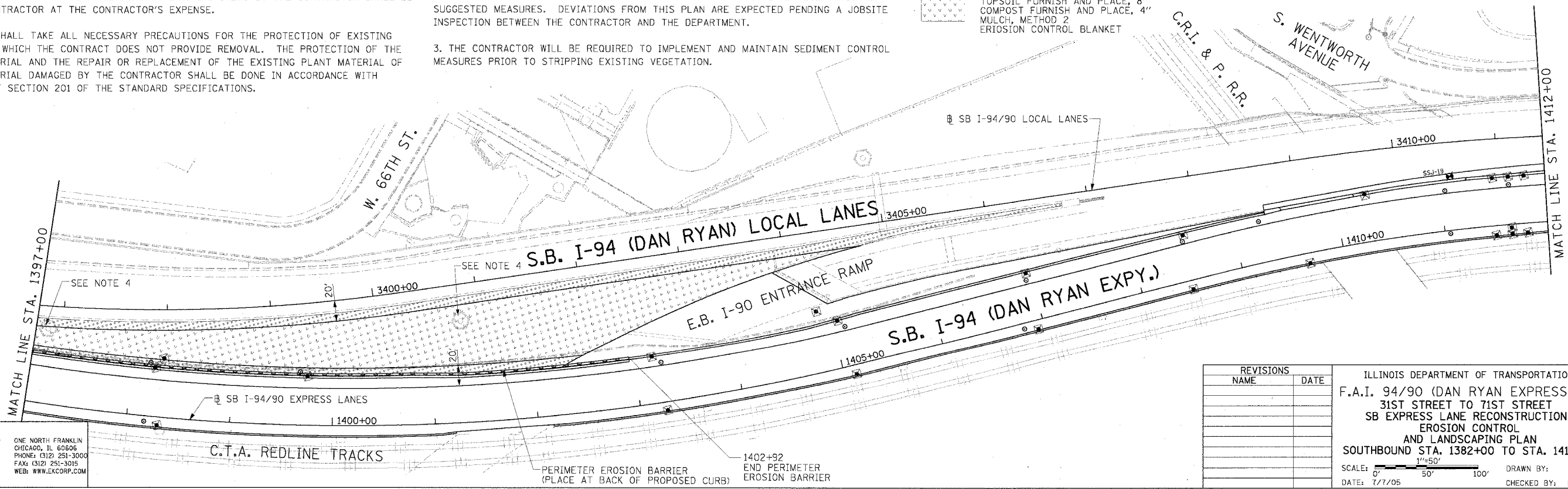
1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN REJECTION OF SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
2. 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.
3. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF THE EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF THE EXISTING PLANT MATERIAL OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.

EROSION CONTROL NOTES:

1. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY 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 EXPECTED PENDING A JOBSITE 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.

LEGEND

- ⊕ INLET FILTER
- PERIMETER EROSION BARRIER
- SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 4" EROSION CONTROL BLANKET
- SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 8" COMPOST FURNISH AND PLACE, 4" MULCH, METHOD 2 EROSION CONTROL BLANKET



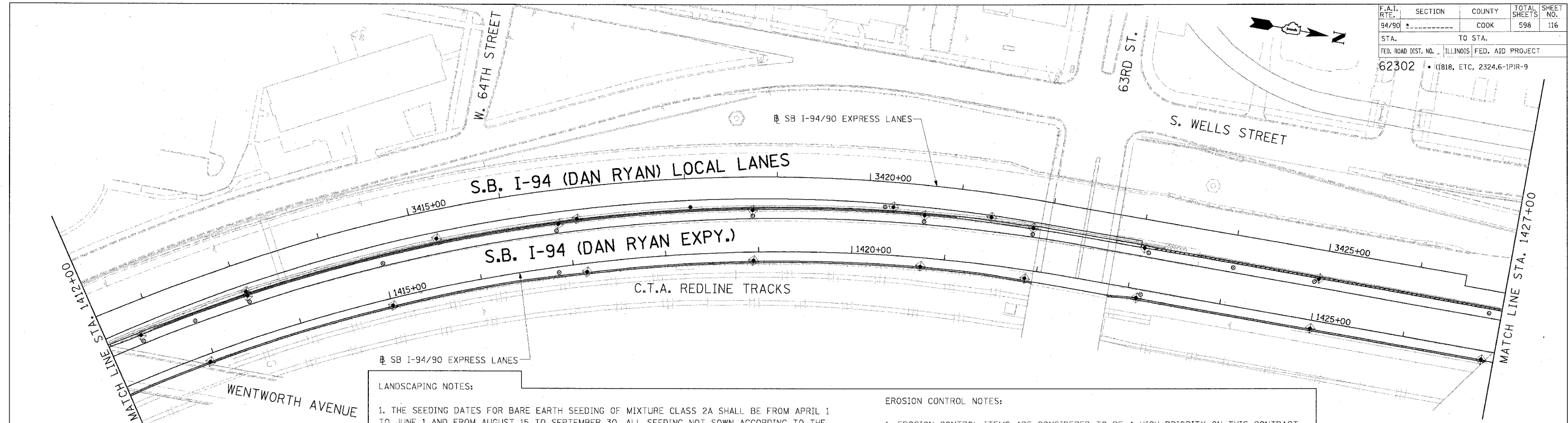
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EROSION CONTROL
 AND LANDSCAPING PLAN
 SOUTHBOUND STA. 1382+00 TO STA. 1412+00
 SCALE: 1"=50'
 DATE: 7/1/05
 DRAWN BY: TAI
 CHECKED BY: PJM

ERO-2
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 26/24/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	116
STA.	TO STA.			
62302	11818, ETC, 2324.6-1PJR-9			



LEGEND

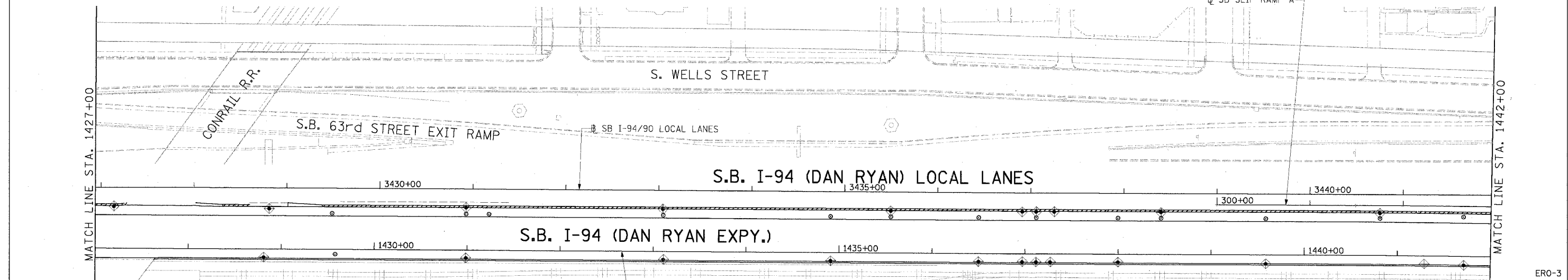
- INLET FILTER
- PERIMETER EROSION BARRIER
- SEEDING, CLASS 2A
TOPSOIL FURNISH AND PLACE, 4"
EROSION CONTROL BLANKET
- SEEDING, CLASS 2A
TOPSOIL FURNISH AND PLACE, 8"
COMPOST FURNISH AND PLACE, 4"
MULCH, METHOD 2
EROSION CONTROL BLANKET

LANDSCAPING NOTES:

1. 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 DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN REJECTION OF SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
2. 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.
3. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF THE EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF THE EXISTING PLANT MATERIAL OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.

EROSION CONTROL NOTES:

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2. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE EXPECTED PENDING A JOBSITE 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.



Edwards AND Kelcey
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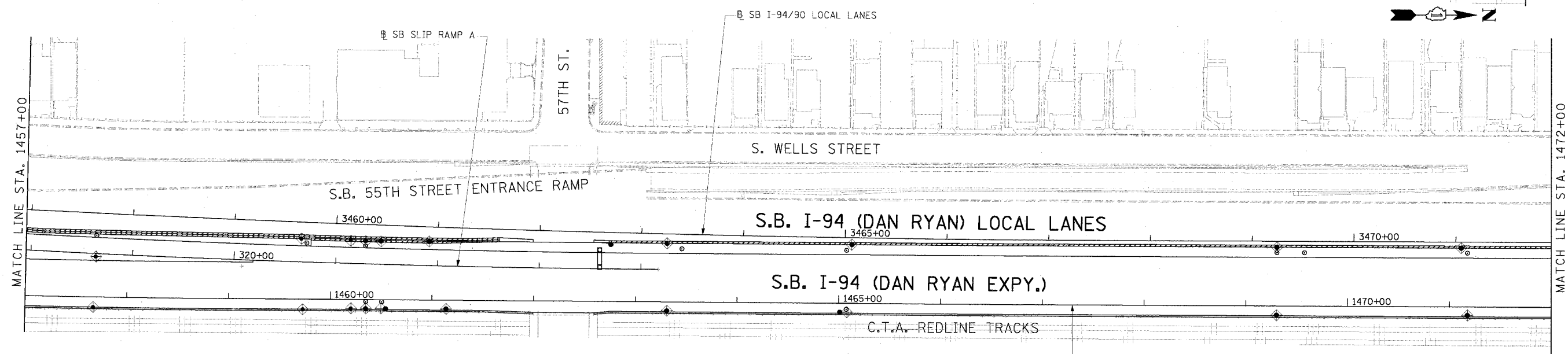
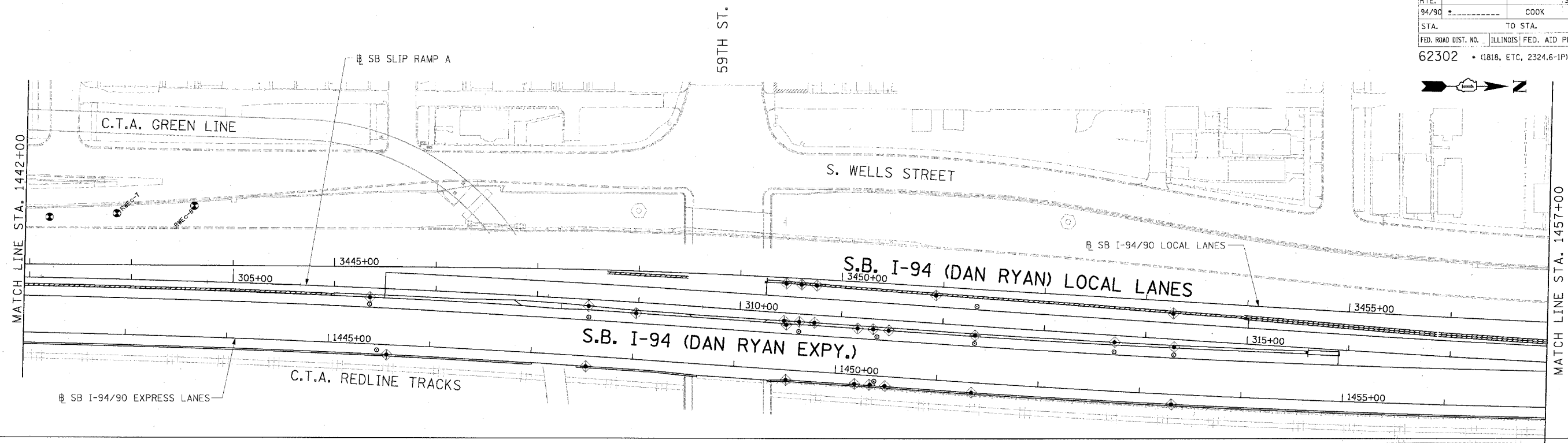
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EROSION CONTROL
 AND LANDSCAPING PLAN
 SOUTHBOUND STA. 1412+00 TO STA. 1442+00
 SCALE: 1"=50'
 DATE: 7/7/05 DRAWN BY: TAI
 CHECKED BY: PJM

ERO-3

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	117
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	1818, ETC. 2324.6-IPR-9			



LEGEND

- INLET FILTER
- PERIMETER EROSION BARRIER
- SEEDING, CLASS 2A
TOPSOIL FURNISH AND PLACE, 4"
EROSION CONTROL BLANKET
- SEEDING, CLASS 2A
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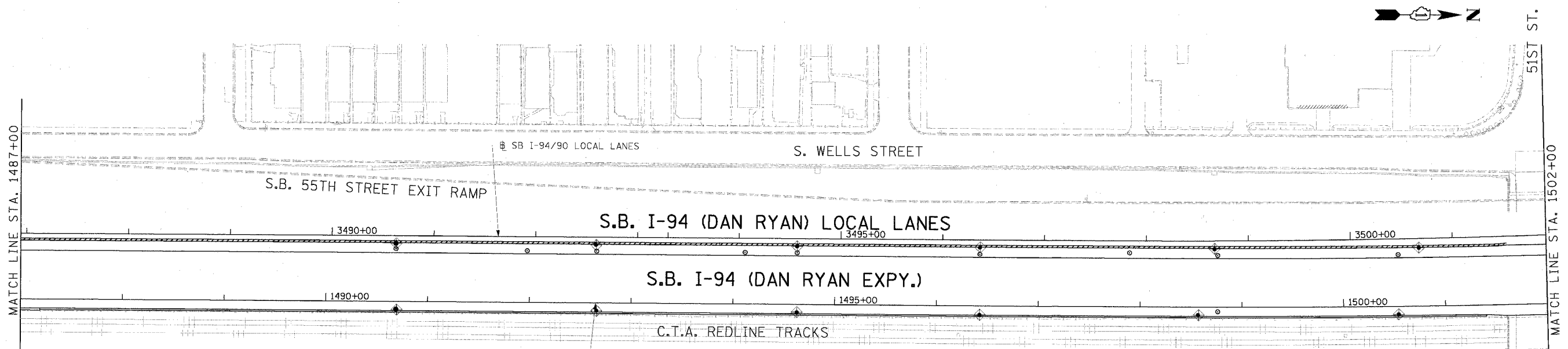
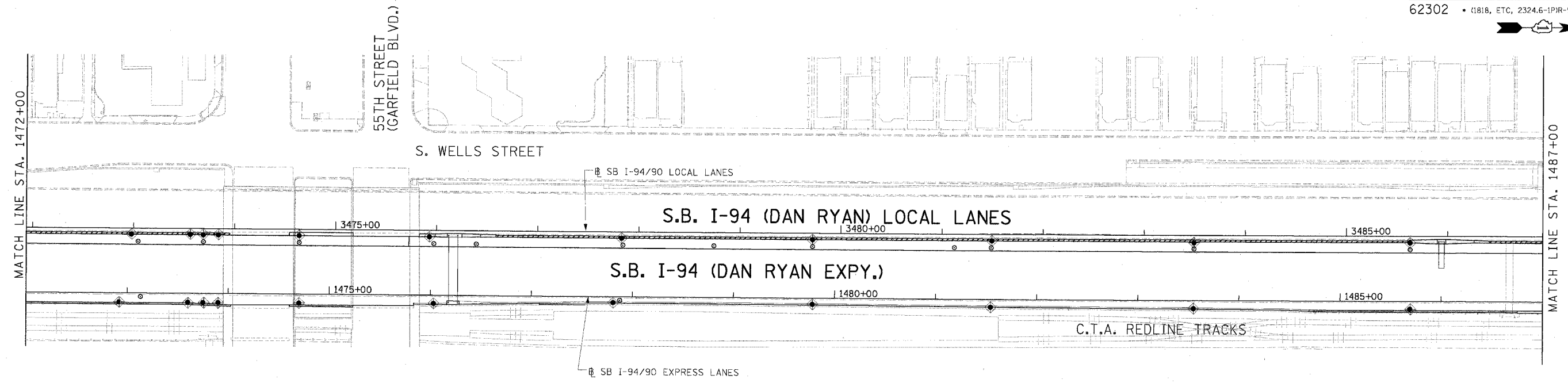
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EROSION CONTROL
 AND LANDSCAPING PLAN
 SOUTHBOUND STA. 1442+00 TO STA. 1472+00
 SCALE: 1"=50'
 DATE: 7/7/05 DRAWN BY: TAI
 CHECKED BY: PJM

ERO-4

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	118
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	11818, ETC, 2324.6-1PIR-9			



LEGEND

- INLET FILTER
- PERIMETER EROSION BARRIER
- SEEDING, CLASS 2A
TOPSOIL FURNISH AND PLACE, 4"
EROSION CONTROL BLANKET
- SEEDING, CLASS 2A
TOPSOIL FURNISH AND PLACE, 8"
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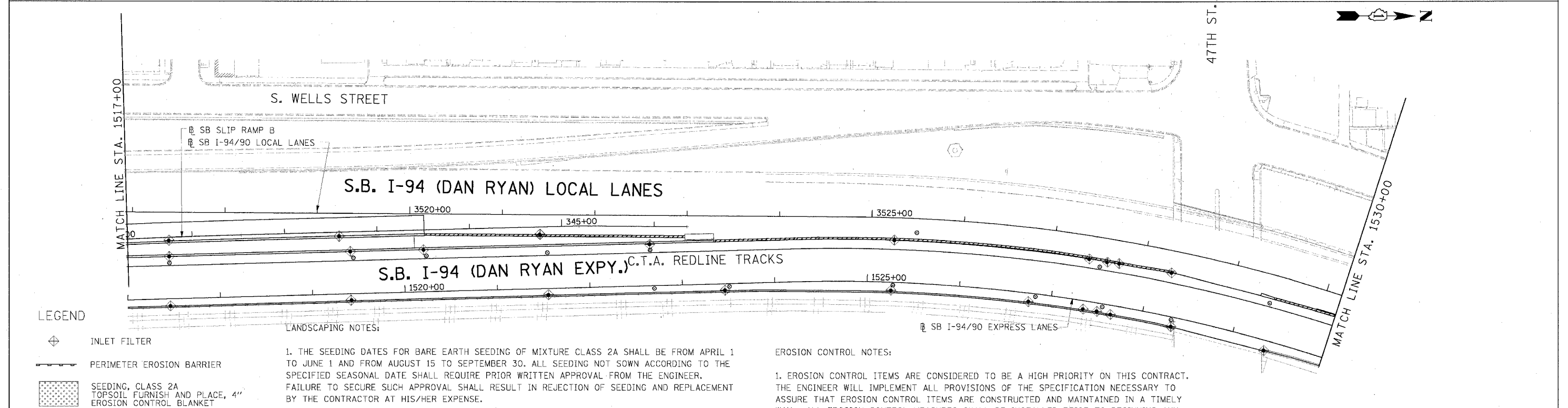
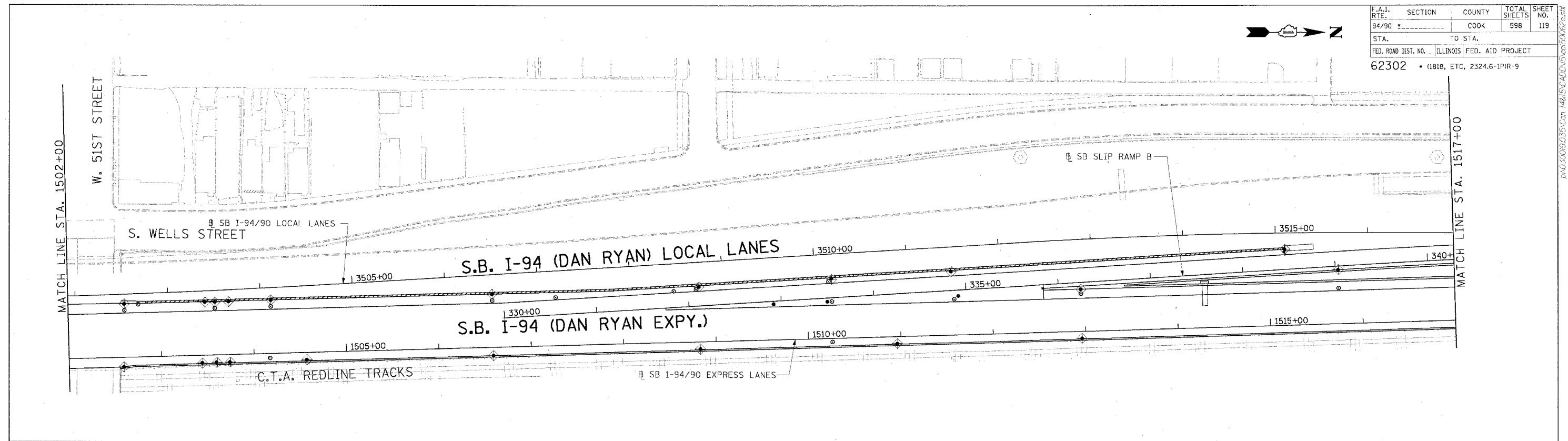
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EROSION CONTROL
 AND LANDSCAPING PLAN
 SOUTHBOUND STA. 1472+00 TO STA. 1502+00
 SCALE: 1"=50'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	119
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62302 * (1818, ETC, 2324.6-1)PR-9				



LEGEND

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REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION
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 SB EXPRESS LANE RECONSTRUCTION
 EROSION CONTROL
 AND LANDSCAPING PLAN
 SOUTHBOUND STA. 1502+00 TO STA. 1530+00
 SCALE: 0" = 50' 100'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

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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. THE CONTRACTOR MUST FIELD VERIFY LIMITS 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.
- 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.

DRAINAGE & UTILITIES LEGEND:

	EXISTING	PROPOSED		EXISTING	PROPOSED
STORM SEWER			INLET		
PIPE UNDERDRAIN			CATCH BASIN		
WATER MAIN			MANHOLE		
GAS MAIN			SURFACE DRAINAGE STRUCTURE (SEE SCHEDULE FOR TYPE)		
SANITARY SEWER			PGL CREST POINT		
CABLE TELEVISION			PGL SAG POINT		
FIBER OPTIC			PROPOSED DRAINAGE STRUCTURE NUMBER		
TELEPHONE			MAIN DRAIN DROP MANHOLE		
ELECTRIC			JUNCTION CHAMBER TYPE 2		
UTILITY REMOVAL			STRUCTURE TO BE CLEANED		
ABANDONNED UTILITY			STRUCTURE TO BE FILLED		
MAIN DRAIN SEWER			STRUCTURE TO BE REMOVED		
			STRUCTURE TO BE RECONSTRUCTED		
			STRUCTURE TO BE ADJUSTED		
			FRAMES AND GRATES TO BE ADJUSTED		

SUMMARY OF SPECIAL DRAINAGE STRUCTURES

ITEM	STRUCTURE NUMBER	TYPE	STATION	OFFSET
JUNCTION CHAMBER, NO. 1	JC 19-01	JUNCTION CHAMBER TYPE 2	2473+21	6' LT
JUNCTION CHAMBER, NO. 2	JC 20-01	JUNCTION CHAMBER TYPE 2	2478+13	5' LT
JUNCTION CHAMBER, NO. 3	JC 23-01	JUNCTION CHAMBER TYPE 2	2499+01	6' LT
JUNCTION CHAMBER, NO. 4	JC 24-01	JUNCTION CHAMBER TYPE 2	2504+44	7' LT
JUNCTION CHAMBER, NO. 5	JC 28-01	JUNCTION CHAMBER TYPE 2	2527+73	7' LT
	DMH 29-01	EX. DROP MANHOLE	2534+68	9' LT
	DMH 30-01	EX. DROP MANHOLE	2540+70	6' LT
	DMH 32-01	EX. DROP MANHOLE	2548+69	3' LT
JUNCTION CHAMBER, NO. 6	JC 32-01	JUNCTION CHAMBER TYPE 2	2554+02	3' LT
	DMH 34-01	EX. DROP MANHOLE	2560+34	5' LT
	DMH 34-02	EX. DROP MANHOLE	2564+74	3' LT
JUNCTION CHAMBER, NO. 7	JC 35-01	JUNCTION CHAMBER TYPE 2	2568+60	4' LT
	DMH 36-01	EX. DROP MANHOLE	2572+66	4' LT
JUNCTION CHAMBER, NO. 8	JC 37-01	JUNCTION CHAMBER TYPE 2	2580+01	4' LT
JUNCTION CHAMBER, NO. 9	JC 38-01	JUNCTION CHAMBER TYPE 2	2584+39	7' LT
	DMH 39-01	EX. DROP MANHOLE	2592+12	8' LT
	DMH 40-01	EX. DROP MANHOLE	2600+96	8' LT
JUNCTION CHAMBER, NO. 10	JC 41-01	JUNCTION CHAMBER TYPE 2	2607+76	8' LT
JUNCTION CHAMBER, NO. 11	JC 44-01	JUNCTION CHAMBER TYPE 2	2620+91	4' LT
JUNCTION CHAMBER, NO. 12	JC 46-01	JUNCTION CHAMBER TYPE 2	2637+79	8' LT

SEE STRUCTURAL DRAWINGS FOR DETAILS OF EXISTING MAIN DRAIN DROP MANHOLES AND PROPOSED JUNCTION CHAMBERS

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE NOTES AND LEGEND

SCALE: 1"=N.T.S.
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: EED

DN-01

03/29/2005 03:29:45 PM

EXISTING DRAINAGE STRUCTURE SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	121
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-1P)R-9		

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1368+35	6 RT			1			
1368+76	6 RT		1				
1370+80	6 RT		1				
1372+60	6 RT		1				
1372+63	48 LT			1			
1373+40	53 LT			1			
1373+45	53 LT			1			
1374+50	50 RT			1			
1374+50	5 LT		1				
1377+78	4 LT	1					
1378+46	0			1			
1378+56	0	1					
1378+65	0			1			
1378+46	59 LT			1			
1378+56	59 LT	1					
1378+65	59 LT			1			
1379+01	6 LT	1					
1379+69	0	1					
1381+30	1 RT		1				
1382+16	1 RT	1					
1383+11	3 RT	1					
1384+83	1 LT		1				
1384+83	5 RT		1				
1386+50	5 RT		1				
1386+55	2 RT		1				
1391+20	2 RT		1				
1391+21	10 LT		1				
1391+25	48 LT		1				
1391+91	48 LT	1					
1391+91	8 RT	1					
1393+35	8 RT			1			
1393+43	50 LT		1				
1393+50	55 LT		1				
1393+50	8 RT	1					
1394+03	2 RT		1				
1394+06	55 LT	1					
1394+06	8 RT		1				
1394+18	50 LT		1				
1394+25	8 RT			1			
1394+97	70 LT	1					
1395+01	60 LT		1				
1395+10	48 LT	1					
1395+71	51 LT			1			
1396+70	47 LT	1					
1396+80	53 LT		1				
1396+95	50 LT	1					
1397+90	70 LT		1				
1397+90	60 LT			1			
1397+90	50 LT		1				
1398+18	50 LT		1				
1398+22	46 LT	1					
1398+30	56 LT	1					
1398+60	63 LT	1					
1398+74	89 LT		1				
1398+80	53 LT		1				
1398+83	8 RT		1				
1398+90	52 LT	1					
1398+90	3 RT		1				
1399+42	63 LT		1				
1399+44	53 LT		1				
1399+70	50 LT		1				
1399+73	48 LT	1					
1399+88	63 LT		1				
1400+08	55 LT			1			
1401+18	8 RT		1				

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1402+62	65 LT		1				
1402+62	58 LT		1				
1403+17	45 LT	1					
1403+25	48 LT		1				
1404+00	50 LT		1				
1404+87	60 LT	1					
1405+05	55 LT	1					
1405+15	11 LT	1					
1405+57	55 LT	1					
1405+90	55 LT		1				
1406+75	35 LT			1			
1406+83	38 LT		1				
1406+85	47 LT	1					
1407+99	50 LT			1			
1408+00	1 RT			1			
1409+25	2 RT			1			
1409+36	50 LT	1					
1409+72	41 LT	1					
1410+92	2 RT		1				
1410+95	45 LT		1				
1411+03	10 RT	1					
1411+40	2 LT		1				
1411+38	38 LT	1					
1412+00	8 RT			1			
1412+15	45 LT			1			
1412+15	38 LT	1					
1412+15	2 RT		1				
1412+15	8 RT	1					
1412+28	47 LT	1					
1412+29	8 RT			1			
1412+97	0	1					
1413+55	51 LT		1				
1413+92	1 RT			1			
1414+25	10 RT	1					
1414+68	43 LT		1				
1414+75	2 RT			1			
1415+35	10 RT	1					
1415+60	2 RT			1			
1415+62	52 LT		1				
1416+48	2 RT			1			
1416+83	39 LT		1				
1416+88	45 LT	1					
1417+34	3 RT			1			
1417+10	49 LT			1			
1417+15	10 RT	1					
1418+15	42 LT		1				
1418+15	3 RT			1			
1418+29	51 LT		1				
1418+72	48 LT		1				
1418+95	10 RT	1					
1419+04	3 RT			1			
1419+90	3 RT			1			
1420+33	52 LT	1					
1420+42	52 LT		1				
1420+66	38 LT		1				
1420+73	44 LT	1					
1420+75	10 RT	1					
1420+79	3 RT			1			
1421+04	8 RT	1					
1421+45	51 LT		1				
1421+47	3 RT			1			
1421+87	34 LT		1				
1421+88	43 LT		1				
1421+90	47 LT	1					
1421+90	37 LT		1				

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1421+90	8 RT						
1422+96	50 LT	1					
1422+96	43 LT		1				
1422+96	34 LT		1				
1422+96	8 RT		1				
1424+08	40 LT	1					
1424+16	8 RT		1				
1426+84	8 RT		1				
1426+89	2 RT		1				
1427+16	42 LT		1				
1527+21	44 LT		1				
1427+21	37 LT		1				
1429+47	45 LT		1				
1429+48	8 RT		1				
1429+54	42 LT	1					
1431+22	41 LT	1					
1431+27	8 RT		1				
1433+03	40 LT	1					
1433+09	45 LT		1				
1434+90	45 LT		1				
1434+98	42 LT	1					
1436+59	8 RT		1				
1436+63	42 LT	1					
1437+23	8 RT		1				
1437+30	42 LT	1					
1437+37	47 LT		1				
1437+37	36 LT		1				
1437+99	41 LT	1					
1439+63	6 RT		1				
1439+73	45 LT		1				
1441+64	8 RT		1				
1441+70	42 LT	1					
1445+33	8 RT		1				
1445+37	37 LT		1				
1445+37	1 RT		1				
1445+46	46 LT		1				
1449+81	52 LT			1			
1449+98	84 LT		1				
1449+98	77 LT		1				
1450+05	82 LT	1					
1450+05	44 LT	1					
1450+33	43 LT		1				
1450+33	8 RT		1				
1450+47	8 RT		1				
1450+51	84 LT		1				
1450+51	78 LT		1				
1450+51	53 LT			1			
1450+95	84 LT		1				
1450+95	43 LT		1				
1450+95	4 RT		1				
1450+95	8 RT		1				
1451+08	84 LT		1				
1451+08	78 LT	1					
1453+28	76 LT	1					
1453+38	79 LT		1				
1453+38	8 RT		1				
1457+45	59 LT		1				
1457+50	53 LT	1					
1459+69	57 LT		1				
1459+69	8 RT		1				
1459+77	51 LT	1					
1460+32	57 LT		1				
1460+32	8 RT		1				
1460+53	53 LT	1					
1460+89	53 LT	1					



NOTE:
OFFSET FOR DRAINAGE STRUCTURES IS
TO THE CENTER OF THE FRAME AND GRATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION

DRAINAGE SCHEDULE
EXISTING DRAINAGE STRUCTURE REMOVAL

SCALE: DRAWN BY: MJJ
DATE: 7/7/05 CHECKED BY: LPN

DS-1

06/22/20 PM 06/27/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	122
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		1818, ETC, 2324.6-1P1R-9		

EXISTING DRAINAGE STRUCTURE SCHEDULE

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1460+96	56 LT		1				
1460+96	8 RT		1				
1462+77	9 RT		1				
1462+85	53 LT	1					
1463+37	6 RT	1					
1463+45	52 LT	1					
1465+13	51 LT		1				
1465+17	52 LT	1					
1465+22	8 RT		1				
1469+29	56 LT		1				
1469+31	8 RT		1				
1469+57	53 LT	1					
1471+10	56 LT		1				
1471+18	52 LT	1					
1471+18	8 RT		1				
1473+03	56 LT		1				
1473+03	8 RT		1				
1473+17	53 LT	1					
1473+55	53 LT	1					
1473+58	8 RT		1				
1473+59	56 LT		1				
1473+59	2 RT		1				
1473+95	56 LT		1				
1475+93	8 RT	1					
1476+45	56 LT		1				
1476+45	3 RT		1				
1476+51	53 LT	1					
1476+56	5 RT	1					
1477+89	52 LT	1					
1477+95	2 RT	1					
1478+72	52 LT	1					
1478+72	8 RT		1				
1478+79	56 LT		1				
1481+20	5 RT		1				
1481+53	52 LT	1					
1481+81	6 RT	1					
1482+83	53 LT	1					
1482+83	3 RT	1					
1483+47	53 LT	1					
1483+55	56 LT		1				
1485+90	56 LT		1				
1485+90	8 RT		1				
1489+63	8 RT		1				
1489+74	56 LT		1				
1490+87	4 RT	1					
1491+91	47 LT	1					
1491+96	56 LT		1				
1491+96	8 RT		1				
1492+00	54 LT		1				
1493+81	5 RT	1					
1494+01	51 LT	1					
1494+09	57 LT		1				
1494+09	8 RT		1				
1496+34	4 RT	1					
1496+35	53 LT	1					
1496+42	59 LT		1				
1496+44	8 RT		1				
1497+89	53 LT	1					
1498+73	62 LT		1				
1498+76	8 RT		1				
1498+70	53 LT	1					
1500+64	53 LT	1					
1500+72	57 LT		1				
1500+72	2 RT		1				
1500+72	8 RT		1				

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1502+66	8 RT	1					
1502+80	54 LT	1					
1503+48	56 LT		1				
1503+55	53 LT	1					
1503+58	8 RT		1				
1504+17	8 RT		1				
1504+19	58 LT		1				
1504+25	53 LT	1					
1507+21	8 RT		1				
1507+24	58 LT		1				
1507+35	54 LT	1					
1508+48	58 LT	1					
1508+80	8 RT		1				
1510+26	62 LT	1					
1510+35	67 LT		1				
1510+35	8 RT		1				
1511+54	71 LT	1					
1511+83	41 LT			1			
1511+88	36 LT			1			
1512+72	8 RT			1			
1512+79	81 LT		1				
1512+86	77 LT	1					
1513+87	45 LT			1			
1516+59	71 LT			1			
1517+18	8 RT		1				
1517+28	53 LT		1				
1517+28	46 LT		1				
1517+33	43 LT	1					
1517+45	72 LT			1			
1520+17	46 LT		1				
1520+23	42 LT	1					
1520+23	7 RT		1				
1521+57	67 LT			1			
1521+57	43 LT		1				
1522+55	7 RT		1				
1522+57	47 LT		1				
1522+65	42 LT	1					
1524+05	6 RT	1					
1524+07	57 LT			1			
1525+50	55 LT			1			
1525+56	0		1				
1526+67	1 RT		1				
1526+71	55 LT			1			
1527+38	54 LT			1			
1527+38	41 LT		1				
1527+45	45 LT	1					
1527+56	6 RT	1					
1528+13	2 RT		1				
1529+75	6 RT		1				



NOTE:
OFFSET FOR DRAINAGE STRUCTURES IS
TO THE CENTER OF THE FRAME AND GRATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION

DRAINAGE SCHEDULE
EXISTING DRAINAGE STRUCTURE REMOVAL

SCALE: DRAWN BY: MJO
DATE: 7/7/05 CHECKED BY: LPN

EXISTING DRAINAGE STRUCTURE SCHEDULE

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1530+20.5	4.52' RT				1		
1530+14.0	53.44' LT		1				
1531+45.2	5.91' RT		1				
1531+44.5	43.24' LT		1				
1531+44.5	52.27' LT		1				
1532+63.8	5.87' RT					1	
1532+80.1	5.05' RT			1			
1532+70.5	51.63' LT		1				
1533+69.2	10.10' RT					1	
1534+09.3	29.48' LT		1				
1534+78.1	13.73' RT				1		
1534+79.5	32.32' LT				1		
1535+28.5	14.98' RT					1	
1535+38.3	25.04' LT		1				
1535+33.9	32.13' LT				1		
1535+39.4	44.51' LT		1				
1536+52.6	25.48' LT					1	
1536+58.7	30.59' LT				1		
1537+02.2	13.88' RT					1	
1537+60.7	12.57' RT					1	
1537+66.9	26.16' LT					1	
1537+71.9	31.62' LT				1		
1539+08.4	15.75' RT			1			
1539+02.4	28.27' LT		1				
1539+10.4	33.75' LT				1		
1539+64.7	33.69' LT				1		
1540+37.1	31.72' LT					1	
1540+43.6	35.95' LT	1					
1540+30.7	60.96' LT			1			
1540+41.5	61.22' LT		1				
1541+53.8	39.44' LT				1		
1541+58.4	35.76' LT					1	
1542+85.9	40.65' LT				1		
1542+99.1	85.44' LT		1				
1542+92.8	36.27' LT					1	
1542+93.6	7.21' RT					1	
1546+70.5	7.94' RT					1	
1546+51.5	73.18' LT		1				
1546+55.6	80.72' LT		1				
1546+64.3	69.42' LT	1					
1548+47.1	58.13' LT	1					
1548+52.0	73.52' LT		1				
1548+55.1	64.38' LT		1				
1548+68.9	7.83' RT		1				
1551+45.9	7.35' RT					1	
1551+45.1	57.80' LT		1				

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1551+51.4	66.97' LT		1				
1551+58.1	66.94' LT			1			
1551+58.1	52.81' LT				1		
1553+80.2	51.98' LT					1	
1554+67.0	53.23' LT					1	
1554+76.8	67.07' LT						1
1554+76.6	57.76' LT		1				
1554+74.9	7.74' RT		1				
1555+32.0	7.58' RT					1	
1555+35.8	54.32' LT	1					
1555+41.3	67.15' LT						1
1555+44.8	57.42' LT		1				
1556+53.7	53.94' LT					1	
1556+58.7	67.11' LT						1
1556+59.6	57.27' RT		1				
1556+68.3	7.72' RT		1				
1558+04.5	7.70' RT		1				
1558+02.6	57.73' LT		1				
1558+04.3	67.15' LT						1
1558+12.0	53.68' LT	1					
1558+24.6	8.27' RT					1	
1560+10.0	52.66' LT	1					
1560+05.4	67.17' LT						1
1560+14.8	57.81' LT		1				
1560+15.9	7.86' RT					1	
1562+93.0	8.02' RT		1				
1562+89.2	57.83' LT		1				
1562+89.1	67.37' LT						1
1562+96.3	54.25' LT	1					
1564+60.6	51.82' LT	1					
1564+93.1	1.82' RT		1				
1564+97.0	7.75' RT					1	
1564+92.8	57.90' LT		1				
1564+92.6	67.28' LT						1
1565+35.1	7.37' RT					1	
1566+74.3	7.63' RT		1				
1566+78.1	58.12' LT		1				
1566+79.6	67.45' LT						1
1566+86.0	56.65' LT		1				
1567+27.7	5.71' RT	1					
1567+55.6	67.42' LT						1
1567+56.5	57.69' LT		1				
1567+65.9	54.65' LT	1					
1567+65.6	6.14' RT		1				
1568+21.4	67.31' LT						1

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1568+25.7	57.03' LT		1				
1568+35.3	51.98' LT	1					
1568+26.8	1.63' RT		1				
1568+29.4	7.76' RT		1				
1570+13.1	53.52' LT	1					
1570+18.2	57.67' LT		1				
1570+19.1	67.09' LT						1
1570+13.0	7.74' RT		1				
1572+30.0	7.61' RT		1				
1572+27.9	57.55' LT		1				
1572+29.8	66.91' LT						1
1572+39.9	52.54' LT	1					
1573+57.6	54.33' LT	1					
1574+77.0	54.39' LT	1					
1574+77.1	6.20' RT	1					
1575+03.4	12.41' RT					1	
1575+91.3	53.89' LT	1					
1575+95.7	63.46' LT						1
1577+31.4	66.62' LT						1
1577+31.8	57.30' LT		1				
1577+41.4	53.18' LT	1					
1577+39.2	7.75' RT					1	
1579+41.6	57.73' LT		1				
1579+43.3	66.22' LT						1
1579+49.8	54.66' LT	1					
1579+32.4	8.32' RT					1	
1579+77.9	52.01' LT	1					
1581+12.4	8.03' RT		1				
1581+08.4	53.05' LT	1					
1581+17.2	66.45' LT						1
1581+19.7	57.56' LT		1				
1581+76.9	53.35' LT	1					
1581+84.4	57.37' LT		1				
1581+82.5	66.57' LT						1
1581+93.3	8.34' RT					1	
1582+98.6	52.15' LT	1					
1583+07.2	57.20' LT		1				
1583+08.3	66.82' LT		1				
1582+98.1	5.18' RT	1					
1583+12.6	8.03' RT		1				
1583+83.2	66.59' LT		1				
1583+95.0	57.02' LT	1					
1583+93.79	51.82' LT	1					
1583+83.4	1.88' RT		1				
1583+92.8	4.11' RT	1					

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1584+21.0	5.20' RT					1	
1585+70.6	9.20' RT					1	
1585+77.1	7.91' RT			1			
1585+93.4	4.29' RT	1					
1585+82.9	66.64' LT						1
1585+83.6	57.29' LT		1				
1585+93.4	52.24' LT	1					
1587+43.3	6.92' RT					1	
1587+78.2	7.97' RT		1				
1587+93.3	4.23' RT	1					
1587+83.6	66.66' LT						1
1587+83.9	57.40' LT		1				
1587+93.5	52.39' LT	1					
1589+53.3	7.29' RT					1	
1589+77.5	7.96' RT		1				
1589+88.9	3.97' RT	1					
1589+82.9	66.76' LT						1
1589+83.4	57.75' LT		1				
1589+91.9	52.86' LT	1					
1591+13.4	6.92' RT					1	
1591+41.1	7.88' RT					1	
1591+57.4	4.36' RT	1					
1591+48.4	66.74' LT						1
1591+49.2	57.53' LT		1				
1591+58.2	51.61' LT	1					
1591+90.1	4.09' RT					1	
1592+99.7	7.91' RT		1				
1593+09.0	4.23' RT					1	
1593+07.7	57.36' LT		1				
1594+08.6	8.33' RT		1				
1594+19.0	4.12' RT	1					
1594+08.2	66.93' LT						1
1594+07.4	57.34' LT		1				
1594+18.4	51.88' LT	1					
1597+48.4	4.12' RT	1					
1597+52.6	7.69' RT		1				
1597+48.9	51.80' LT	1					
1597+59.7	57.66' LT		1				
1597+58.1	66.90' LT						1
1598+48.4	4.56' RT	1					
1598+54.9	7.82' RT		1				
1598+48.5	51.92' LT	1					
1598+59.0	57.78' LT		1				
1598+58.1	67.00' LT						1
1599+98.9	4.29' RT	1					

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
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REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
EXISTING DRAINAGE STRUCTURES
SCALE: 1"=N.T.S.
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

DS-03
06/29/2005 03:52:29 PM

EXISTING DRAINAGE STRUCTURE SCHEDULE

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	124
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-IP1R-8		

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1600+07.6	7.42' RT		1				
1599+98.5	52.06' LT	1					
1600+06.9	57.83' LT		1				
1600+08.1	67.05' LT						1
1600+47.5	8.23' RT				1		
1600+68.6	5.64' RT				1		
1601+77.6	3.95' RT	1					
1601+83.7	7.64' RT		1				
1601+92.0	8.19' RT				1		
1601+78.5	52.21' LT	1					
1601+96.5	57.61' LT		1				
1601+98.6	67.00' LT						1
1603+78.6	3.90' RT	1					
1603+84.6	7.56' RT		1				
1603+94.3	8.25' RT				1		
1603+79.0	52.69' LT	1					
1603+88.4	57.88' LT		1				
1603+88.6	66.97' LT						1
1605+78.6	3.97' RT	1					
1605+84.8	7.61' RT		1				
1605+94.5	8.02' RT				1		
1605+79.0	52.27' LT	1					
1605+89.3	57.81' LT		1				
1605+88.6	66.79' LT						1
1607+09.9	4.25' RT	1					
1607+14.3	7.55' RT		1				
1607+08.6	51.86' LT	1					
1607+20.6	57.85' LT		1				
1607+19.0	66.83' LT						1
1607+49.2	6.62' RT				1		
1607+79.2	8.97' RT				1		
1607+88.1	3.61' RT	1					
1607+95.8	7.87' RT		1				
1607+88.8	52.38' LT	1					
1607+98.7	57.81' LT		1				
1607+99.4	66.70' LT						1
1608+07.8	58.13' LT		1				
1608+08.6	66.76' LT						1
1608+14.0	7.40' RT		1				
1608+50.5	6.50' RT				1		
1609+49.3	66.98' LT						1
1609+50.1	57.83' LT			1			
1609+59.2	54.50' LT	1					
1609+49.2	1.24' RT		1				
1609+59.8	4.54' RT	1					

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1609+93.4	5.67' RT					1	
1610+93.6	2.29' RT	1					
1611+46.2	3.68' RT	1					
1611+46.1	54.73' LT	1					
1611+54.7	57.83' LT		1				
1611+56.1	67.09' LT						1
1612+67.1	2.03' RT	1					
1613+58.8	3.65' RT	1					
1613+85.0	3.40' RT		1				
1613+66.0	57.99' LT		1				
1613+67.8	67.06' LT						1
1615+37.2	1.92' RT	1					
1617+02.4	4.04' RT		1				
1617+25.7	3.48' RT	1					
1617+16.2	57.77' LT		1				
1617+15.7	66.61' LT						1
1618+19.0	3.02' RT	1					
1619+45.2	5.27' RT	1					
1619+32.1	57.79' LT		1				
1619+33.8	67.01' LT						1
1619+44.3	55.03' LT	1					
1620+69.4	6.48' RT	1					
1620+81.7	3.24' RT	1					
1621+39.9	2.84' RT		1				
1621+48.8	0.91' RT	1					
1621+59.7	5.20' RT		1				
1621+49.3	57.93' LT		1				
1621+48.9	66.98' LT						1
1622+78.9	7.67' RT		1				
1622+74.2	0.96' RT			1			
1622+83.9	1.09' RT		1				
1622+94.4	5.16' RT	1					
1623+00.2	6.51' RT		1				
1622+77.2	58.11' LT		1				
1622+82.6	58.08' LT		1				
1622+94.2	53.86' LT	1					
1622+84.3	67.26' LT						1
1624+03.5	5.78' RT		1				
1624+08.8	3.67' RT	1					
1624+19.3	0.45' RT		1				
1624+16.9	57.85' LT		1				
1624+19.5	67.22' LT						1
1624+82.3	4.52' RT				1		
1626+30.2	52.68' LT	1					
1626+38.8	58.09' LT		1				

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1626+45.0	67.38' LT						1
1626+30.0	4.05' RT				1		
1626+42.7	7.49' RT		1				
1626+82.5	62.80' LT	1					
1626+88.4	53.33' LT	1					
1627+69.9	53.67' LT	1					
1628+77.8	5.73' RT				1		
1630+57.5	5.83' RT				1		
1630+75.4	7.58' RT					1	
1630+76.8	58.18' LT		1				
1630+87.6	52.76' LT	1					
1632+31.6	58.23' LT		1				
1632+42.2	52.38' LT	1					
1632+36.6	7.14' RT		1				
1632+55.5	5.88' RT				1		
1633+85.5	7.33' RT		1				
1634+29.9	5.92' RT				1		
1633+86.6	58.06' LT		1				
1633+97.6	51.97' LT	1					
1635+42.0	8.27' RT			1			
1635+41.8	1.26' RT					1	
1635+41.0	49.13' LT		1				
1635+52.9	52.12' LT	1					
1636+21.7	9.92' RT					1	
1636+28.1	5.97' RT	1					
1636+37.1	9.80' RT		1				
1636+44.1	4.34' RT	1					
1636+25.9	57.91' LT		1				
1636+35.3	57.91' LT		1				
1636+45.8	51.68' LT	1					
1637+26.9	10.58' RT					1	
1637+26.4	58.38' LT		1				
1637+37.0	54.88' LT	1					
1638+54.3	5.98' RT				1		
1638+83.9	10.71' RT		1				
1638+82.6	55.87' LT	1					
1638+92.6	58.16' LT		1				
1641+14.7	12.04' RT		1				
1641+09.3	2.92' RT			1			
1641+08.3	59.18' LT	1					
1641+16.8	58.26' LT		1				
1641+06.8	66.68' LT						1
1642+55.4	9.50' RT			1			
1643+34.5	6.88' RT					1	
1643+12.7	69.62' LT						1
1643+12.2	60.22' LT	1					
1643+32.8	58.54' LT		1				
TOTAL		192	276	53	36	29	42

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE SCHEDULES
 EXISTING DRAINAGE STRUCTURES
 SCALE: 1"=N.T.S. DRAWN BY: OC
 DATE: 07/07/05 CHECKED BY: DDM

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

DS-04
 06/29/2005

EXISTING DRAINAGE STRUCTURE SCHEDULE

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	125
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		(1818, ETC, 2324.6-1P)R-8		

STATION	OFFSET	CB ADJ NEW TIF OL	MAN ADJ NEW TIF CL	INLET ADJ NEW TIF OL
1398+40	80 LT		1	
1399+88	74 LT		1	
1405+05	47 LT		1	
1411+04	50 LT		1	
1411+65	49 LT		1	
1427+21	51 LT			1
1429+37	49 LT			1
1431+27	54 LT			1
1431+29	45 LT	1		
1431+37	49 LT			1
1433+17	51 LT			1
1436+56	46 LT	1		
1438+08	45 LT	1		
1439+58	42 LT		1	
1441+64	46 LT	1		
1445+33	55 LT			1
1449+75	89 LT			1
1449+83	92 LT			1
1450+29	89 LT			1
1450+40	94 LT			1
1450+40	84 LT	1		
1450+83	91 LT			1
1450+95	93 LT			1
1453+49	83 LT			1
1457+45	66 LT			1
1457+54	63 LT			1
1459+70	65 LT			1
1459+79	62 LT			1
1460+32	65 LT			1
1460+41	61 LT			1
1460+96	65 LT			1
1461+06	61 LT			1
1462+75	62 LT			1
1462+87	63 LT			1
1467+73	52 LT		1	
1471+02	62 LT			1
1471+10	65 LT			1
1473+03	65 LT			1
1473+12	62 LT			1
1473+52	62 LT			1
1473+59	65 LT			1
1476+34	63 LT			1
1476+45	65 LT			1
1478+79	65 LT			1
1478+88	63 LT			1
1479+92	2 RT		1	
1481+11	62 LT			1
1481+18	57 LT	1		
1482+24	3 RT		1	

STATION	OFFSET	CB ADJ NEW TIF OL	MAN ADJ NEW TIF CL	INLET ADJ NEW TIF OL
1483+05	3 RT			1
1483+43	61 LT			1
1485+83	53 LT		1	
1489+68	61 LT			1
1489+78	53 LT		1	
1491+83	62 LT			1
1494+20	63 LT			1
1496+50	55 LT		1	
1496+56	63 LT			1
1498+65	63 LT			1
1502+63	62 LT			1
1503+40	62 LT			1
1504+33	65 LT			1
1508+56	62 LT	1		
1509+59	77 LT			1
1513+87	5 RT		1	
1514+04	105 LT			1
1514+12	87 LT		1	
1538+98	19' LT	1		
1546+60	13' RT	1		
1547+21	15' RT		1	
1548+63	13' RT	1		
1549+44	13' RT		1	
1551+58	13' RT	1		
1551+66	13' RT	1		
1555+41	12' RT	1		
1567+66	12' RT	1		
1570+13	13' RT	1		
1572+75	14' RT		1	
1572+92	15' RT		1	
1575+03	12' RT	1		
1577+69	12' RT		1	
1577+69	15' RT		1	
1577+98	15' RT		1	
1578+52	15' RT		1	
1579+39	13' RT	1		
1581+89	13' RT	1		
1583+76	12' RT			1
1585+77	12' RT			1
1587+78	12' RT			1
1589+74	12' RT			1
1590+57	15' RT		1	
1591+39	12' RT			1
1594+09	12' RT			1
1597+59	12' RT	1		
1600+08	11' RT			1
1601+84	11' RT			1
1603+85	11' RT			1
1605+85	11' RT			1

STATION	OFFSET	CB ADJ NEW TIF OL	MAN ADJ NEW TIF CL	INLET ADJ NEW TIF OL
1607+15	11' RT			1
1607+95	11' RT			1
1608+14	11' RT			1
1609+56	13' RT			1
1611+72	4' RT	1		
1619+21	4' RT	1		
1622+79	14' RT	1		
1622+95	12' RT			1
1624+16	11' RT			1
1624+78	12' RT		1	
1624+92	12' RT	1		
1626+19	13' RT		1	
1626+31	13' RT	1		
1630+15	17' RT		1	
1630+84	64' LT	1		
1631+39	13' RT	1		
1631+77	12' RT		1	
1632+41	64' LT	1		
1632+34	12' RT		1	
1632+36	11' RT			1
1633+19	12' RT	1		
1633+76	12' RT	1		
1633+90	64' LT	1		
1634+08	13' RT		1	
1634+63	63' LT			1
1636+27	64' LT	1		
1636+37	18' RT	1		
1636+46	66' LT		1	
1637+39	65' LT		1	
1637+50	64' LT	1		
1638+54	64' LT		1	
1640+54	64' LT		1	
1641+17	64' LT	1		
1642+40	66' LT		1	
1642+55	9' RT			1
1643+33	66' LT	1		
TOTAL		35	35	64

BOWMAN, BARRETT & ASSOCIATES INC.
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
EXISTING DRAINAGE STRUCTURES
SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

DS-05

05/29/2005

EXISTING STORM SEWER SCHEDULE

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 127
STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 62302 * (1818, ETC. 2324.6-1PJR-9	

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
1445+33	8 RT		1445+37	1 RT		10										8.1
1447+50	56 LT		1447+55	39 LT				18								6.2
1447+55	56 LT		1447+60	8 RT			50									16.1
1449+83	92 LT		1450+05	82 LT		21										2
1449+98	77 LT		1450+05	82 LT		7										0.7
1450+05	44 LT		1450+05	82 LT		39										3.6
1449+81	52 LT		1450+05	44 LT		24										1.2
1450+05	82 LT		1450+40	84 LT			35									4.3
1450+33	43 LT		1450+33	8 RT		54										21.8
1450+33	8 RT		1450+47	8 RT		16										7
1450+40	84 LT		1450+47	8 RT												22
1450+51	53 LT		1450+51	78 LT		26							88			0
1450+51	78 LT		1450+40	84 LT		11										0.6
1450+95	43 LT		1450+95	4 RT		48										21.9
1450+95	4 RT		1450+47	8 RT		48										22.4
1450+95	84 LT		1451+08	78 LT		15										7.6
1451+08	84 LT		1451+08	78 LT		6										3
1453+28	76 LT		1451+08	78 LT				219								223.1
1453+38	8 RT		1453+28	76 LT		88										75.7
1453+38	79 LT		1453+28	76 LT		9										8.6
1457+45	66 LT		1457+45	59 LT				8								7.5
1457+45	59 LT		1457+50	53 LT				8								7.5
1457+50	53 LT		1459+77	51 LT					226							137.7
1459+70	65 LT		1459+69	57 LT		9										0
1459+69	57 LT		1459+77	51 LT		8										3.6
1459+69	8 RT		1459+77	51 LT		61										22.8
1459+77	51 LT		1460+53	53 LT							75					45.6
1460+32	65 LT		1460+32	57 LT			9									3.6
1460+32	57 LT		1460+53	53 LT			11									4.9
1460+53	53 LT		1460+53	8 RT							62					43.4
1460+89	53 LT		1460+53	53 LT		36										15.3
1460+96	8 RT		1460+89	53 LT		62										22.5
1460+96	56 LT		1460+89	53 LT		7										2.8
1462+77	9 RT		1462+85	53 LT			62									19.3
1462+85	53 LT		1463+45	52 LT							60					34.7
1463+37	6 RT		1463+45	52 LT		60										24.9
1463+45	52 LT		1465+17	52 LT							173					0
1465+13	51 LT		1465+17	52 LT		5										0
1465+22	8 RT		1465+17	52 LT		61										56.3
1465+17	52 LT		1465+17	5 RT									57			0
1469+31	8 RT		1469+29	56 LT		66										0
1469+29	56 LT		1469+57	53 LT			28									14.9
1469+31	53 LT		1469+57	53 LT			28									0
1469+57	53 LT		1471+18	52 LT				160								0
1471+10	56 LT		1471+18	52 LT												3.6
1471+18	8 RT		1471+18	52 LT		61										0
1471+18	52 LT		1473+17	53 LT					201							0
1473+03	8 RT		1473+03	56 LT		65										0
1473+03	56 LT		1473+17	53 LT			14									4.2
1473+17	53 LT		1473+11	4 RT							66					30.8
1473+55	53 LT		1473+17	53 LT				38								13.3
1473+52	62 LT		1473+55	53 LT		3										0.8
1473+59	2 RT		1473+58	8 RT		2										0.4
1473+95	56 LT		1473+55	53 LT		39										9.3
1475+93	8 RT		1476+56	5 RT			40									9.3
1476+56	5 RT		1476+51	53 LT				60								21.3
1476+45	56 LT		1476+51	53 LT			7									2.4
1476+51	53 LT		1477+89	52 LT					139							0
1477+89	52 LT		1477+95	2 RT									55			64.8
1478+72	52 LT		1477+89	52 LT					84							0
1478+72	8 RT		1478+72	52 LT		57										48.1
1478+79	56 LT		1478+72	52 LT			6									5.6

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
1481+20	5 RT		1481+18	57 LT				62								7.6
1481+18	57 LT		1481+53	52 LT					37							9
1481+53	52 LT		1482+83	53 LT						128						0
1482+83	53 LT		1482+83	3 RT							55					34.8
1483+47	53 LT		1482+83	53 LT					64							0
1483+55	56 LT		1483+47	53 LT			8									3.9
1485+83	53 LT		1483+47	53 LT				237								0
1485+90	8 RT		1485+83	53 LT					62							31.5
1485+90	56 LT		1485+83	53 LT			8									7.3
1489+63	8 RT		1489+78	53 LT			64									25.9
1490+69	52 LT		1491+91	47 LT				123								0
1491+96	8 RT		1491+91	47 LT					57							25.4
1491+96	56 LT		1491+91	47 LT					11							5.4
1491+91	47 LT		1494+01	51 LT						211						0
1494+01	51 LT		1494+01	8 RT									59			30.6
1494+09	8 RT		1494+09	57 LT				68								25.8
1494+09	57 LT		1494+01	51 LT			11									4.4
1496+42	59 LT		1496+50	55 LT			8									9.9
1496+44	8 RT		1496+50	55 LT					62							68.1
1496+50	55 LT		1497+89	53 LT				140								179.2
1497+89	53 LT		1498+70	53 LT				91								0
1498+76	8 RT		1498+73	62 LT					65							59
1498+73	62 LT		1498+70	53 LT												10.5
1498+70	53 LT		1498+83	4 RT										56		70.7
1500+64	53 LT		1498+70	53 LT												172.8
1500+72	57 LT		1500+64	53 LT					10							3.7
1500+72	8 RT		1500+64	53 LT						62						25
1502+66	8 RT		1502+80	54 LT												0
1502+80	54 LT		1503+55	53 LT												19.6
1503+48	56 LT		1503+55	53 LT						7						1.5
1503+58	8 RT		1503+55	53 LT												15.6
1503+55	53 LT		1504+25	53 LT												41.5
1504+17	8 RT		1504+19	58 LT					65					70		0.7
1504+19	58 LT		1504+25	53 LT						6						1.1
1504+25	53 LT		1504+25	4 RT												43.7
1507+21	8 RT		1507+35	54 LT												12.6
1507+24	58 LT		1507+35	54 LT						10						2.4
1507+35	54 LT		1508+48	58 LT										115		52.2
1508+80	8 RT		1508+48	58 LT												2.7
1508+56	62 LT		1508+48	58 LT												0.4
1508+48	58 LT		1510+26	62 LT												221.2
1510+26	62 LT		1510+26	6 RT										68		110.3
1510+35	8 RT		1510+35	67 LT												26.9
1510+35	67 LT		1510+26	62 LT												3.2
1511+54	71 LT		1510+26	62 LT												92.9
1511+88	36 LT		1511+83	41 LT												0
1511+83	41 LT		1511+54	71 LT						47						2.4
1512+72	8 RT		1512+86	77 LT						87						35.2
1512+79	81 LT		1512+86	77 LT									9			4.8
1512+86	77 LT		1511+54	71 LT												85.1
1513+87	45 LT		1514+12	87 LT</												

EXISTING STORM SEWER SCHEDULE

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
1522+55	7 RT		1522+57	47 LT			54									17.4
1522+57	47 LT		1522+65	42 LT			13									5.2
1522+65	42 LT		1522+70	3 RT							48					0
1524+07	57 LT		1524+05	6 RT		64										0
1525+50	55 LT		1525+56	0				57								16
1526+71	55 LT		1526+67	1 RT		56										0
1527+38	54 LT		1527+45	45 LT		7										0.1
1527+38	41 LT		1527+45	45 LT		7										0.9
1527+45	45 LT		1527+56	6 RT					47							0
1527+45	1 RT		1527+35	6 RT			13									1.2
1527+35	6 RT		1527+56	6 RT			23									2.9
1528+13	2 RT		1527+56	6 RT					57							14.6

PLUG AND ABANDON EXISTING PIPE

STATION	ABANDON LENGTH (FT)	PIPE DIAMETER (IN)	VOLUME (CY)
1368+77	53	12	1.5
1372+60	47	12	1.4
1383+11	7	15	0.3
1384+85	9	15	0.4
1386+51	8	15	0.4
1391+04	29	18	1.9
1391+13	49	18	3.2
1391+20	52	18	3.4
1394+03	52	18	3.4
1396+94	50	15	2.3
1398+88	57	12	1.7
1401+18	47	12	1.4
1402+64	50	12	1.5
1405+11	50	12	1.5
1406+74	50	12	1.5
1407+99	55	15	2.5
1409+25	54	12	1.6
1410+10	94	8	1.2
1410+91	52	12	1.5
1412+98	154	12	4.5
1413+92	75	10	1.5
1414+74	60	10	1.2
1415+59	55	12	1.6
1416+50	78	10	1.6
1417+34	65	12	1.9
1418+16	64	12	1.9
1419+04	73	12	2.1
1419+89	82	12	2.4
1420+77	71	12	2.1
1421+87	72	10	1.5
1422+96	67	12	1.9
1424+07	74	24	8.6
1429+58	72	30	13.1
1437+33	72	36	18.8
1441+70	70	18	4.6
1445+38	75	18	4.9
1447+58	72	15	3.3
1450+47	68	36	17.8
1460+32	41	10	0.8
1460+57	46	30	8.4
1465+20	46	30	8.4
1473+10	46	30	8.4
1473+58	43	15	2
1477+94	47	30	8.5
1482+83	46	30	8.4
1493+85	46	12	1.3
1498+82	46	24	5.3
1504+25	44	30	8
1510+25	42	30	7.6
1517+25	42	24	4.9
1522+70	42	24	4.9
1524+05	42	12	1.2
1525+57	43	24	5
1526+68	43	15	2
1527+56	43	18	2.8
1528+13	47	12	1.4
1529+75	48	10	1
SUB-TOTAL FROM STA. 1367+00 TO STA. 1530+00	3,127		218

- NOTE:
- SEE SHEET 132 FOR PLUG AND ABANDON EXISTING PIPE NORTH OF STA. 1530+00
 - PIPES BEING ABANDONED BENEATH THE CTA IN ACCORDANCE WITH THE SPECIAL PROVISIONS. COORDINATION WITH CONTRACT 62300 IS NECESSARY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE SCHEDULE
 EXISTING STORM SEWER REMOVAL
 SCALE: 1" = N.T.S. DRAWN BY: MJO
 DATE: 7/7/05 CHECKED BY: LPN



DS-8

I:\2005\62300\62300.DWG 11/15/05 11:55 AM 11/15/05 11:55 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	129
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
	62302	(1818, ETC, 2324.6-1PIR-8		

EXISTING STORM SEWER SCHEDULE

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
1530+20.5	4.5' RT		1530+14.0	53.4' LT			54.3									7.1
1531+45.2	5.9' RT		1531+44.5	43.2' LT		45.2										
1531+44.5	43.2' LT		1531+44.5	52.3' LT		5.0										
1532+63.8	5.9' RT		1532+80.1	5.1' RT		12.3										
1532+63.8	5.9' RT		1532+70.1	56.8' LT			61.5									49.8
1534+09.3	29.5' LT		1534+79.5	32.3' LT		66.3										24.3
1534+78.1	13.7' RT		1534+79.5	32.3' LT						42.1						78.1
1534+79.5	32.3' LT		1535+33.9	32.1' LT				50.4								52.0
1535+28.5	15.0' RT		1535+38.3	25.0' LT			37.2									9.9
1535+33.9	32.1' LT		1535+39.4	44.5' LT				9.3								7.3
1535+33.9	32.1' LT		1536+58.7	30.6' LT				120.3								52.2
1536+52.6	25.5' LT		1536+58.7	30.6' LT		3.9										0.2
1536+58.7	30.6' LT		1537+71.9	31.6' LT			106.8									51.8
1537+60.7	12.6' RT		1537+66.9	26.2' LT		35.2										2.5
1537+66.9	26.2' LT		1537+71.9	31.6' LT		3.3										0.1
1539+08.4	15.8' RT		1538+97.8	18.8' RT			6.1									1.1
1539+02.4	28.3' LT		1539+10.4	33.8' LT		5.6										0.5
1539+10.4	33.8' LT		1539+64.7	33.7' LT			49.0									27.0
1540+37.1	31.7' LT		1540+43.6	36.0' LT		3.6										0.2
1540+43.6	36.0' LT		1540+41.5	61.2' LT			21.4									7.2
1540+30.7	61.0' LT		1540+41.5	61.2' LT		6.3										
1540+43.6	36.0' LT		1541+53.8	39.4' LT				103.5								85.8
1541+53.8	39.4' LT		1541+58.4	35.8' LT		1.8										
1541+58.4	35.8' LT		1542+85.9	40.7' LT			124.9									106.3
1542+85.9	40.7' LT		1542+99.1	85.4' LT			42.7									35.0
1542+85.9	40.7' LT		1542+92.8	36.3' LT		4.2										1.1
1542+92.8	36.3' LT		1542+93.6	7.2' RT		39.5										1.5
1546+70.5	7.9' RT		1546+51.5	73.2' LT			79.3									42.3
1546+51.5	73.2' LT		1546+64.3	69.4' LT			9.4									6.3
1546+55.6	80.7' LT		1546+64.3	69.4' LT			10.3									4.6
1546+64.3	69.4' LT		1548+47.1	58.1' LT				179.2								110.5
1548+47.1	58.1' LT		1548+52.0	73.5' LT		12.0										2.7
1548+47.1	58.1' LT		1548+55.1	64.4' LT			6.0									1.6
1548+55.1	64.4' LT		1548+68.9	7.8' RT		69.5										10.5
1551+45.9	7.4' RT		1551+45.1	57.8' LT			61.2									21.9
1551+45.1	57.8' LT		1551+58.1	52.8' LT			10.0									
1551+51.4	67.0' LT		1551+58.1	52.8' LT			11.7									
1551+51.4	67.0' LT		1551+58.1	66.9' LT			2.7									
1551+58.1	52.8' LT		1553+80.2	52.0' LT				218.0								126.5
1553+80.2	52.0' LT		1554+67.0	53.2' LT									82.8			103.7
1554+67.0	53.2' LT		1554+76.8	67.1' LT		13.0										1.7
1554+67.0	53.2' LT		1554+76.6	57.8' LT			6.7									1.0
1554+76.6	57.8' LT		1554+74.9	7.7' RT		61.5										
1555+32.0	7.6' RT		1555+44.8	57.4' LT			62.3									16.1
1555+35.8	54.3' LT		1554+67.0	53.2' LT									64.9			69.9

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
1555+35.8	54.3' LT		1555+44.8	57.4' LT			5.6									
1556+53.7	53.9' LT		1555+35.8	54.3' LT							113.9					109.2
1555+35.8	54.3' LT		1555+41.3	67.2' LT				10.0								
1556+53.7	53.9' LT		1556+58.7	67.1' LT				10.1								3.0
1556+53.7	53.9' LT		1556+59.6	57.3' LT			2.8									0.5
1556+59.6	57.3' LT		1556+68.3	7.7' RT			61.6									29.8
1558+04.5	7.7' RT		1558+02.6	57.7' LT		61.5										
1558+02.6	57.7' LT		1558+12.0	53.7' LT			6.2									
1558+04.3	67.2' LT		1558+12.0	53.7' LT		11.5										1.8
1558+12.0	53.7' LT		1560+10.0	52.7' LT				194.0								83.3
1560+10.0	52.7' LT		1560+05.4	67.2' LT			11.2									4.2
1560+10.0	52.7' LT		1560+14.8	57.8' LT			3.1									0.5
1560+14.8	57.8' LT		1560+15.9	7.9' RT		61.7										23.6
1562+93.0	8.0' RT		1562+89.2	57.8' LT		62.0										
1562+89.2	57.8' LT		1562+96.3	54.3' LT			3.9									0.3
1562+89.1	67.4' LT		1562+96.3	54.3' LT		11.0										1.2
1562+96.3	54.3' LT		1564+60.6	51.8' LT						160.4						
1564+60.6	51.8' LT		1564+92.6	67.3' LT				31.5								14.1
1564+60.6	51.8' LT		1564+92.8	57.9' LT			28.8									
1564+93.1	1.8' RT		1564+92.8	57.9' LT		55.7										8.6
1566+74.3	7.6' RT		1566+78.1	58.1' LT		61.9										
1566+78.1	58.1' LT		1566+86.0	56.7' LT			4.1									0.4
1566+79.6	67.5' LT		1566+86.0	56.7' LT			8.6									1.5
1566+86.0	56.7' LT		1567+65.9	54.7' LT				76.0								31.6
1567+56.5	57.7' LT		1567+65.6	6.1' RT		60.5										45.3
1567+56.5	57.7' LT		1567+65.9	54.7' LT		5.9										
1567+55.6	67.4' LT		1567+65.9	54.7' LT				12.5								5.3
1567+65.9	54.7' LT		1568+35.3	52.0' LT						65.4						41.1
1568+25.7	57.0' LT		1568+26.8	1.6' RT		54.7										17.6
1568+26.8	1.6' RT		1568+29.4	7.8' RT		2.7										0.3
1568+25.7	57.0' LT		1568+35.3	52.0' LT			6.9									1.4
1568+21.4	67.3' LT		1568+35.3	52.0' LT		16.7										2.1
1568+35.3	52.0' LT		1570+13.1	53.5' LT					173.7							89.4
1570+13.1	53.5' LT		1570+13.0	7.7' RT			57.3									25.1
1570+13.1	53.5' LT		1570+18.2	57.7' LT			2.6									0.3
1570+13.1	53.5' LT		1570+19.1	67.1' LT			10.9									2.5
1567+27.7	5.7' RT		1567+65.6	6.1' RT		33.9										11.2
1572+30.0	7.6' RT		1572+27.9	57.6' LT		61.2										
1572+27.9	57.6' LT		1572+39.9	52.5' LT			9.0									1.7
1572+29.8	66.9' LT		1572+39.9	52.5' LT				13.6								3.1
1572+39.9	52.5' LT		1573+57.6	54.3' LT						113.7						206.2
1573+57.6	54.3' LT		1574+77.0	54.4' LT						115.4						171.7
1574+77.0	54.4' LT		1574+77.1	6.2' RT			56.6									
1574+77.1	6.2' RT		1575+03.4	12.4' RT			23.0									3.1
1574+77.0	54.4' LT		1575+91.3	53.9' LT						110.3						112.7

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

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
EXISTING STORM SEWER REMOVAL
SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

DS-09
06/29/2005 03:53:37 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	130
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		62302 (1818, ETC, 2324.6-1P)R-8		

EXISTING STORM SEWER SCHEDULE

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
1575+91.3	53.9'	LT	1575+95.7	63.5'	LT	6.6										
1575+91.3	53.9'	LT	1577+41.4	53.2'	LT						146.2					140.7
1577+31.8	57.3'	LT	1577+39.2	7.8'	RT	61.5										0.0
1577+31.8	57.3'	LT	1577+41.4	53.2'	LT		6.4									0.6
1577+31.4	66.6'	LT	1577+41.4	53.2'	LT				12.8							4.9
1577+41.4	53.2'	LT	1579+49.8	54.7'	LT						204.4					213.9
1579+41.6	57.7'	LT	1579+32.4	8.3'	RT		62.7									22.5
1579+41.6	57.7'	LT	1579+49.8	54.7'	LT			4.7								
1579+43.3	66.2'	LT	1579+49.8	54.7'	LT			9.3								2.8
1579+49.8	54.7'	LT	1579+77.9	52.0'	LT						24.2					13.4
1579+77.9	52.0'	LT	1581+08.4	53.1'	LT						126.5					
1581+08.4	53.1'	LT	1581+19.7	57.6'	LT		8.2									0.7
1581+08.4	53.1'	LT	1581+17.2	66.5'	LT		12.1									1.2
1581+12.4	8.0'	RT	1581+19.7	57.6'	LT		62.0									
1581+08.4	53.1'	LT	1581+76.9	53.4'	LT				64.6							
1581+76.9	53.4'	LT	1581+82.5	66.6'	LT				10.4							3.4
1581+76.9	53.4'	LT	1581+84.4	57.4'	LT			4.5								1.2
1581+84.4	57.4'	LT	1581+93.3	8.3'	RT			62.3								22.1
1581+89.0	13.3'	RT	1581+93.3	8.3'	RT		2.6									0.1
1582+98.6	52.2'	LT	1582+98.1	5.2'	RT		53.3									11.6
1582+98.6	52.2'	LT	1583+08.3	66.8'	LT	13.6										0.8
1582+98.6	52.2'	LT	1583+07.2	57.2'	LT		6.0									0.4
1582+98.1	5.2'	RT	1583+12.6	8.0'	RT		10.8									0.5
1583+83.2	66.6'	LT	1583+93.79	51.8'	LT	14.2										1.4
1583+95.0	57.0'	LT	1583+93.79	51.8'	LT			1.4								
1583+93.79	51.8'	LT	1583+92.8	4.1'	RT		51.9									17.5
1583+75.7	11.5'	RT	1583+83.4	1.9'	RT	8.4										1.0
1583+83.4	1.9'	RT	1583+92.8	4.1'	RT	5.7										0.3
1583+92.8	4.1'	RT	1585+93.4	4.3'	RT						196.6					145.4
1585+77.1	7.9'	RT	1585+93.4	4.3'	RT			12.8								9.6
1585+93.4	4.3'	RT	1585+93.4	52.2'	LT			52.5								
1585+83.6	57.3'	LT	1585+93.4	52.2'	LT			7.0								0.7
1585+82.9	66.6'	LT	1585+93.4	52.2'	LT	13.8										1.2
1585+93.4	4.3'	RT	1587+93.3	4.2'	RT						195.9					270.0
1587+78.2	8.0'	RT	1587+93.3	4.2'	RT			11.6								
1587+93.3	4.2'	RT	1587+93.5	52.4'	LT			52.6								
1587+83.9	57.4'	LT	1587+93.5	52.4'	LT			6.8								0.4
1587+83.6	66.7'	LT	1587+93.5	52.4'	LT	13.4										1.0
1587+93.3	4.2'	RT	1589+88.9	4.0'	RT				191.6							246.9
1589+77.5	8.0'	RT	1589+88.9	4.0'	RT			8.2								
1589+88.9	4.0'	RT	1589+91.9	52.9'	LT				52.9							20.7
1589+83.4	57.8'	LT	1589+91.9	52.9'	LT			5.9								0.4
1589+82.9	66.8'	LT	1589+91.9	52.9'	LT	12.6										1.2
1591+90.1	4.1'	RT	1593+09.0	4.2'	RT					114.9						146.0
1591+41.1	7.9'	RT	1591+57.4	4.4'	RT			12.7								0.7

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
1591+57.4	4.4'	RT	1591+90.1	4.1'	RT				123.4	28.8						
1591+57.4	4.4'	RT	1591+58.2	51.6'	LT				52.0							
1591+48.4	66.7'	LT	1591+58.2	51.6'	LT	14.0										
1591+49.2	57.5'	LT	1591+58.2	51.6'	LT			6.8								
1592+99.7	7.9'	RT	1593+09.0	4.2'	RT		6.1									1.5
1593+09.0	4.2'	RT	1593+07.7	57.4'	LT		57.6									5.2
1593+09.0	4.2'	RT	1594+19.0	4.1'	RT				105.9							107.5
1594+08.6	8.3'	RT	1594+19.0	4.1'	RT			7.2								6.9
1594+19.0	4.1'	RT	1594+18.4	51.9'	LT			52.0								
1594+07.4	57.3'	LT	1594+18.4	51.9'	LT			8.3								0.7
1594+08.2	66.9'	LT	1594+18.4	51.9'	LT	14.2										0.8
1597+48.4	4.1'	RT	1597+52.6	7.7'	RT			1.5								
1597+48.4	4.1'	RT	1597+48.9	51.8'	LT			51.9								
1597+48.9	51.8'	LT	1597+59.7	57.7'	LT	8.3										0.4
1597+48.9	51.8'	LT	1597+58.1	66.9'	LT	13.7										1.1
1597+48.4	4.1'	RT	1598+48.4	4.6'	RT				96.0							52.7
1598+48.4	4.6'	RT	1598+54.9	7.8'	RT		3.3									
1598+48.4	4.6'	RT	1598+48.5	51.9'	LT	52.5										
1598+48.5	51.9'	LT	1598+58.1	67.0'	LT	13.8										0.7
1598+48.5	51.9'	LT	1598+59.0	57.8'	LT	8.0										
1598+48.4	4.6'	RT	1599+98.9	4.3'	RT				146.5							155.8
1599+98.9	4.3'	RT	1600+07.6	7.4'	RT			5.3								3.5
1599+98.9	4.3'	RT	1599+98.5	52.1'	LT			52.4								
1599+98.5	52.1'	LT	1600+06.9	57.8'	LT	6.2										0.3
1599+98.5	52.1'	LT	1600+08.1	67.1'	LT	13.8										0.9
1599+98.9	4.3'	RT	1600+68.6	5.6'	RT				65.7							77.8
1600+68.6	5.6'	RT	1601+77.6	4.0'	RT				105.1							135.0
1601+77.6	4.0'	RT	1601+83.7	7.6'	RT			3.1								
1601+77.6	4.0'	RT	1601+78.5	52.2'	LT											
1601+78.5	52.2'	LT	1601+96.5	57.6'	LT	14.8					52.2					1.2
1601+78.5	52.2'	LT	1601+98.6	67.0'	LT	21.0										2.2
1603+79.0	52.7'	LT	1603+88.6	67.0'	LT	13.2										1.0
1603+79.0	52.7'	LT	1603+88.4	57.9'	LT	6.7										0.3
1603+78.6	3.9'	RT	1603+79.0	52.7'	LT				52.6							
1603+78.6	3.9'	RT	1603+84.6	7.6'	RT			3.0								
1603+78.6	3.9'	RT	1605+78.6	4.0'	RT				196.0							182.1
1605+78.6	4.0'	RT	1605+84.8	7.6'	RT	3.2										
1605+78.6	4.0'	RT	1605+79.0	52.3'	LT			52.2								
1605+79.0	52.3'	LT	1605+89.3	57.8'	LT	7.7										
1605+79.0	52.3'	LT	1605+88.6	66.8'	LT	13.4										1.2
1605+94.5	8.0'	RT	1607+09.9	4.3'	RT						127.3					120.0
1607+09.9	4.3'	RT	1607+14.3	7.6'	RT			1.5								
1607+09.9	4.3'	RT	1607+08.6	51.9'	LT			52.1								14.5
1607+08.6	51.9'	LT	1607+19.0	66.8'	LT	14.3										0.7
1607+08.6	51.9'	LT	1607+20.6	57.9'	LT			9.4								

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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
EXISTING STORM SEWER REMOVAL
SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

EXISTING STORM SEWER SCHEDULE

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
1607+09.9	4.3' RT		1607+49.2	6.6' RT									35.4			23.6
1607+49.2	6.6' RT		1607+88.1	3.6' RT		35.0										26.9
1607+49.2	6.6' RT		1607+79.2	9.0' RT		26.1										9.2
1607+88.1	3.6' RT		1607+95.8	7.9' RT		4.9										
1607+88.1	3.6' RT		1607+88.8	52.4' LT		52.0										16.4
1607+88.8	52.4' LT		1607+98.7	57.8' LT		7.2										0.6
1607+98.7	57.8' LT		1607+99.4	66.7' LT	4.9											
1607+98.7	57.8' LT		1608+07.8	58.1' LT		5.2										
1608+07.8	58.1' LT		1608+08.6	66.8' LT	4.7											
1607+95.8	7.9' RT		1608+14.0	7.4' RT		14.2										
1609+49.3	67.0' LT		1609+50.1	57.8' LT	5.2											
1609+49.3	67.0' LT		1609+59.2	54.5' LT		11.9										0.8
1609+59.2	54.5' LT		1609+59.8	4.5' RT			55.1									
1609+49.2	1.2' RT		1609+59.8	4.5' RT		7.1										0.6
1609+49.2	1.2' RT		1609+56.2	13.3' RT	9.9											
1611+46.1	54.7' LT		1611+56.1	67.1' LT		11.9										1.6
1611+46.1	54.7' LT		1611+54.7	57.8' LT		5.2										0.5
1611+46.2	3.7' RT		1611+46.1	54.7' LT			54.4									67.5
1611+46.2	3.7' RT		1611+72.1	3.9' RT		21.9										
1613+58.8	3.7' RT		1613+85.0	3.4' RT		22.2										1.7
1613+58.8	3.7' RT		1613+66.0	58.0' LT		58.1										9.9
1613+66.0	58.0' LT		1613+67.8	67.1' LT	5.3											0.3
1617+02.4	4.0' RT		1617+25.7	3.5' RT		19.3										3.8
1617+25.7	3.5' RT		1617+16.2	57.8' LT		58.0										11.5
1617+16.2	57.8' LT		1617+15.7	66.6' LT	4.9											
1617+25.7	3.5' RT		1619+45.2	5.3' RT			215.5									107.4
1619+45.2	5.3' RT		1619+44.3	55.0' LT				56.3								
1619+32.1	57.8' LT		1619+44.3	55.0' LT		8.5										
1619+33.8	67.0' LT		1619+44.3	55.0' LT		12.0										0.7
1619+45.2	5.3' RT		1620+81.7	3.2' RT							132.6					174.4
1620+81.7	3.2' RT		1621+48.8	0.9' RT					63.1							
1621+39.9	2.8' RT		1621+48.8	0.9' RT		5.1										
1621+48.8	0.9' RT		1621+59.7	5.2' RT		7.7										
1621+48.8	0.9' RT		1621+49.3	57.9' LT		54.9										
1621+49.3	57.9' LT		1621+48.9	67.0' LT	5.1											0.3
1621+48.8	0.9' RT		1622+94.4	5.2' RT				141.7								96.0
1622+78.9	7.7' RT		1622+94.4	5.2' RT		11.7										3.6
1622+83.9	1.1' RT		1622+94.4	5.2' RT		7.3										0.5
1622+94.4	5.2' RT		1623+00.2	6.5' RT		1.9										
1622+94.4	5.2' RT		1622+94.2	53.9' LT			55.0									26.1
1622+82.6	58.1' LT		1622+94.2	53.9' LT		8.4										0.5
1622+94.2	53.9' LT		1622+84.3	67.3' LT		12.7										0.8
1624+03.5	5.8' RT		1624+08.8	3.7' RT		1.7										
1624+08.8	3.7' RT		1624+19.3	0.5' RT		7.0										0.4
1624+16.4	10.8' RT		1624+19.3	0.5' RT	6.7											0.7

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
1624+08.8	3.7' RT		1624+16.9	57.9' LT			58.1	15.2								9.9
1624+16.9	57.9' LT		1624+19.5	67.2' LT	5.7											
1626+30.2	52.7' LT		1626+38.8	58.1' LT		6.1										0.6
1626+38.8	58.1' LT		1626+45.0	67.4' LT	7.2											1.1
1626+30.2	52.7' LT		1626+30.0	4.1' RT			52.7									48.4
1626+30.0	4.1' RT		1626+42.7	7.5' RT		9.2										0.6
1630+75.4	7.6' RT		1630+87.6	52.8' LT		57.6										
1630+76.8	58.2' LT		1630+87.6	52.8' LT		8.1										0.4
1630+84.3	63.56' LT		1630+87.6	52.8' LT		7.3										
1630+87.6	52.8' LT		1632+42.2	52.4' LT						150.5						
1632+31.6	58.2' LT		1632+42.2	52.4' LT		8.0										0.6
1632+40.6	63.80' LT		1632+42.2	52.4' LT		5.1										
1632+42.2	52.4' LT		1633+97.6	52.0' LT						151.4						
1632+42.2	52.4' LT		1632+36.6	7.1' RT		55.8										2.6
1633+86.6	58.1' LT		1633+97.6	52.0' LT		8.6										
1633+90.3	63.72' LT		1633+97.6	52.0' LT		9.8										
1633+85.5	7.3' RT		1633+97.6	52.0' LT	56.5											
1633+97.6	52.0' LT		1635+52.9	52.1' LT						151.3						
1635+41.0	49.1' LT		1635+52.9	52.1' LT		8.3										0.6
1635+41.8	1.3' RT		1635+52.9	52.1' LT		50.5										5.6
1635+42.0	8.3' RT		1635+41.8	1.3' RT	3.0											
1635+52.9	52.1' LT		1636+45.8	51.7' LT					88.9							
1636+35.3	57.9' LT		1636+45.8	51.7' LT		8.2										0.9
1636+45.8	51.7' LT		1637+37.0	54.9' LT						87.3						
1636+44.1	4.3' RT		1636+45.8	51.7' LT	52.1											
1636+21.7	9.9' RT		1636+37.1	9.8' RT	11.4											
1636+37.1	9.8' RT		1636+44.1	4.3' RT		5.0										0.3
1637+26.9	10.6' RT		1637+26.4	58.4' LT	65.0											
1637+26.4	58.4' LT		1637+37.0	54.9' LT		7.2										0.5
1637+37.0	54.9' LT		1637+38.9	65.3' LT		6.6										5.3
1637+37.0	54.9' LT		1638+82.6	55.9' LT						141.6						57.2
1638+82.6	55.9' LT		1638+92.6	58.2' LT		6.2										0.3
1638+83.9	10.7' RT		1638+92.6	58.2' LT			65.4									
1638+82.6	55.9' LT		1641+08.3	59.2' LT						221.7						46.4
1641+14.7	12.0' RT		1641+09.3	2.9' RT	6.6											
1641+09.3	2.9' RT		1641+08.3	59.2' LT	58.1											4.9
1641+08.3	59.2' LT		1643+12.2	60.2' LT						201.3						114.1
1643+12.2	60.2' LT		1643+32.8	58.5' LT	17.0											
1643+12.7	69.6' LT		1643+12.2	60.2' LT		5.4										
1642+55.4	9.5' RT		1643+34.5	6.9' RT		75.0										
1643+34.5	6.9' RT		1643+32.8	58.5' LT		61.4										
1641+08.3	59.2' LT		1641+06.8	66.7' LT		3.7										0.7
1534+09.3	29.5' LT		OFFSITE	OFFSITE		26.6										
1535+39.4	44.5' LT		OFFSITE	OFFSITE			12.6									
1536+58.7	30.6' LT		OFFSITE	OFFSITE		27.8										7.8

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31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
EXISTING STORM SEWER REMOVAL
SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

62302

EXISTING STORM SEWER SCHEDULE

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
1537+71.9	31.6'	LT	OFFSITE	OFFSITE		26.9										10.2
1539+10.4	33.8'	LT	OFFSITE	OFFSITE			25.0									9.8
1539+64.7	33.7'	LT	OFFSITE	OFFSITE				38.7								39.3
1540+41.5	61.2'	LT	OFFSITE	OFFSITE		19.5										
1540+43.6	36.0'	LT	OFFSITE	OFFSITE				43.1								
1540+43.6	36.0'	LT	OFFSITE	OFFSITE		82.7										13.6
1542+99.1	85.4'	LT	OFFSITE	OFFSITE			6.0									
1548+47.1	58.1'	LT	OFFSITE	OFFSITE			14.0									
1548+47.1	58.1'	LT	OFFSITE	OFFSITE							63.2					
1551+51.4	67.0'	LT	OFFSITE	OFFSITE				5.8								
1553+80.2	52.0'	LT	OFFSITE	OFFSITE									56.8			80.6
1560+10.0	52.7'	LT	OFFSITE	OFFSITE						56.4						55.0
1562+96.3	54.3'	LT	OFFSITE	OFFSITE						11.8						5.5
1564+60.6	51.8'	LT	OFFSITE	OFFSITE							60.6					39.6
1567+55.6	67.4'	LT	OFFSITE	OFFSITE		18.9										2.0
1568+35.3	52.0'	LT	OFFSITE	OFFSITE									58.2			62.5
1572+39.9	52.5'	LT	OFFSITE	OFFSITE									60.6			
1573+57.6	54.3'	LT	OFFSITE	OFFSITE			11.7									4.3
1574+77.0	54.4'	LT	OFFSITE	OFFSITE			11.5									4.4
1579+77.9	52.0'	LT	OFFSITE	OFFSITE								58.5				85.7
1582+98.6	52.2'	LT	OFFSITE	OFFSITE	14.1											2.5
1583+95.0	57.0'	LT	OFFSITE	OFFSITE		2.4										
1585+93.4	52.2'	LT	OFFSITE	OFFSITE		13.8										
1587+93.5	52.4'	LT	OFFSITE	OFFSITE		13.6										
1589+91.9	52.9'	LT	OFFSITE	OFFSITE		13.1										
1591+58.2	51.6'	LT	OFFSITE	OFFSITE			13.0									
1594+18.4	51.9'	LT	OFFSITE	OFFSITE		14.1										
1597+48.9	51.8'	LT	OFFSITE	OFFSITE		13.6										
1598+48.5	51.9'	LT	OFFSITE	OFFSITE	14.1											
1599+98.5	52.1'	LT	OFFSITE	OFFSITE		13.6										
1601+78.5	52.2'	LT	OFFSITE	OFFSITE		17.3										
1601+78.5	52.2'	LT	OFFSITE	OFFSITE			17.4									
1603+79.0	52.7'	LT	OFFSITE	OFFSITE		13.3										
1605+79.0	52.3'	LT	OFFSITE	OFFSITE		13.7										
1607+08.6	51.9'	LT	OFFSITE	OFFSITE	14.0											
1607+88.8	52.4'	LT	OFFSITE	OFFSITE		13.9										3.4
1609+59.2	54.5'	LT	OFFSITE	OFFSITE												
1611+46.1	54.7'	LT	OFFSITE	OFFSITE			13.7									
1611+46.1	54.7'	LT	OFFSITE	OFFSITE			11.5									
1619+44.3	55.0'	LT	OFFSITE	OFFSITE				11.0								
1622+94.2	53.9'	LT	OFFSITE	OFFSITE				12.1								
1624+08.8	3.7'	RT	OFFSITE	OFFSITE			65.3									10.7
1626+30.2	52.7'	LT	OFFSITE	OFFSITE			17.8									7.9
1626+30.2	52.7'	LT	OFFSITE	OFFSITE		33.1										11.1
1636+44.1	4.3'	RT	1636+36.8	17.6'	RT	3.2										0.3
1637+37.0	54.9'	LT	OFFSITE	OFFSITE									61.5			111.8
1638+82.6	55.9'	LT	OFFSITE	OFFSITE			8.7									
TOTALS					692	6619	4957	3199	4072	613	3683	685	1199	328	57	5808

PIPE UNDERDRAIN REMOVAL

STATION	OFFSET	TO	STATION	OFFSET	PIPE UNDERDRAIN REMOVAL (LF)
1534+79.5	32.32'	LT	1534+79.4	51.61'	19.3
1540+13.0	9.7'	RT	1540+16.9	88.2'	97.9
1548+38.2	10.9'	RT	1548+38.2	74.1'	84.8
1607+79.3	11.5'	RT	1607+78.7	63.2'	74.6
1622+78.7	7.7'	RT	1622+79.2	63.8'	71.4
1636+27.5	63.9'	LT	1636+28.6	6.0'	69.9
1638+54.3	5.98'	RT	1638+54.3	64.41'	70.4
TOTAL					489

PLUG AND ABANDON EXISTING PIPE

STATION	ABANDON LENGTH (LF)	PIPE DIAMETER (IN)	VOLUME (CY)
1368+77	53	12	1.5
1372+60	47	12	1.4
1383+11	7	15	0.3
1384+85	9	15	0.4
1386+51	8	15	0.4
1391+04	29	18	1.9
1391+13	49	18	3.2
1391+20	52	18	3.4
1394+03	52	18	3.4
1396+94	50	15	2.3
1398+88	57	12	1.7
1401+18	47	12	1.4
1402+64	50	12	1.5
1405+11	50	12	1.5
1406+74	50	12	1.5
1407+99	55	15	2.5
1409+25	54	12	1.6
1410+10	94	8	1.2
1410+91	52	12	1.5
1412+98	154	12	4.5
1413+92	75	10	1.5
1414+74	60	10	1.2
1415+59	55	12	1.6
1416+50	78	10	1.6
1417+34	65	12	1.9
1418+16	64	12	1.9
1419+04	73	12	2.1
1419+89	82	12	2.4
1420+77	71	12	2.1
1421+87	72	10	1.5

STATION	ABANDON LENGTH (LF)	PIPE DIAMETER (IN)	VOLUME (CY)
1422+96	67	12	1.9
1424+07	74	24	8.6
1429+58	72	30	13.1
1437+33	72	36	18.8
1441+70	70	18	4.6
1445+38	75	18	4.9
1447+58	72	15	3.3
1450+47	68	36	17.8
1460+32	41	10	0.8
1460+57	46	30	8.4
1465+20	46	30	8.4
1473+10	46	30	8.4
1473+58	43	15	2.0
1477+94	47	30	8.5
1482+83	46	30	8.4
1493+85	46	12	1.3
1498+82	46	24	5.3
1504+25	44	30	8.0
1510+25	42	30	7.6
1517+25	42	24	4.9
1522+70	42	24	4.9
1524+05	42	12	1.2
1525+57	43	24	5.0
1526+68	43	15	2.0
1527+56	43	18	2.8
1528+13	47	12	1.4
1529+75	48	10	1.0
1530+20	36	12	1.0
1531+44	38	12	1.1
1532+66	41	18	2.7

STATION	ABANDON LENGTH (LF)	PIPE DIAMETER (IN)	VOLUME (CY)
1534+78	41	24	4.8
1539+62	36	18	2.4
1540+50	35	18	2.3
1548+46	35	30	6.4
1553+79	36	42	12.8
1560+10	35	24	4.1
1564+54	35	30	6.4
1565+35	32	10	0.6
1568+36	35	36	9.2
1572+41	35	36	9.2
1579+77	36	30	6.5
1582+98	34	12	1.0
1583+96	39	36	10.2
1591+90	35	30	6.4
1600+69	35	36	9.2
1607+49	34	36	8.9
1609+60	33	15	1.5
1611+46	41	15	1.9
1613+58	41	12	1.2
1620+80	37	36	9.7
1624+09	35	15	1.6
1626+30	35	18	2.3
1637+49	28	36	7.3
TOTAL			349

PIPES BEING ABANDONED BENEATH THE CTA IN ACCORDANCE WITH THE SPECIAL PROVISIONS. COORDINATION WITH CONTRACT 62300 IS NECESSARY.

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE SCHEDULES
 EXISTING STORM SEWER REMOVAL
 SCALE: 1"=N.T.S. DRAWN BY: OC
 DATE: 07/07/05 CHECKED BY: DDM

SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RTE. 94/90	SECTION *	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 133
STA. 62302		TO STA. * (1818, ETC, 2324.6-1)PR-9		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D TIF OL	CB, TA, 4D T8C	CB, TA, 4D T20 F&G	CB, TA, 5D TIF OL	CB, TA, 5D T20 F&G	CB, TC, 2D T20 F&G	MH, TA, 4D TIF CL	MH TA 5D TIF CL	MH TA 6D TIF CL	DR STR T1 W/2 T20 F&G	DR STR T2 W/2 T22 F&G	INLET, TYPE B, TIF OL	INLET, TYPE B, T 20 F&G	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
1-01	1367+23.00	8.00	-9.42			1											-14.92N,	162
1-02	1368+35.00	3.00	-8.62							1							-14.67N, -15.41S, -15.41W,	162
1-03	1369+21.00	8.00	-8.43			1											-14.26S,	162
1-04	1370+35.00	3.00	-7.62							1							-14.16N, -14.26W,	162
1-05	1371+19.00	8.00	-7.44			1											-13.36S,	162
1-06	1372+36.00	3.00	-6.62							1							-13.32N, -13.57W,	162
2-01	1373+17.00	8.00	-6.45			1											-12.55S,	162
2-02	1375+81.00	4.00	-5.85			1											-11.68N,	108
2-03	1376+86.00	2.00	-6.17					1									-13.63N, -13.68S,	104
2-04	1378+01.00	1.00	-6.74					1									-13.39N, -13.44S,	99
2-05	1378+29.00	2.00	-6.84													1	-13.05N, -13.34S,	99
2-06	1378+44.00	1.00	-6.8			1											-12.69N, -13.01S, -12.96W,	99
2-07	1378+59.00	2.00	-6.84													1	-12.63S,	99
2-08	1378+29.00	-66.00	-7.23													1	-13.06N,	
2-09	1378+44.00	-65.00	-7.23			1											-12.66N, -12.66S, -12.76E,	
2-10	1378+59.00	-66.00	-7.23													1	-13.06S,	
2-11	1376+46.00	2.00	-5.99								1						-13.74N, -12.39S, -13.79W,	108
3-01	1379+52.00	2.00	-6.43			1											-12.26N,	99
3-02	NOT USED																	
3-03	1380+06.00	2.00	-5.9			1											-12.07N, -12.17S,	162
3-04	1381+13.00	1.00	-4.53			1											-10.54N, -10.61S,	162
3-05	NOT USED																	
3-06	1383+06.00	5.00	-2.2			1											-8.8N, -9.05S,	162
3-07	1384+99.00	8.00	-0.35			1											-6.91S,	162
4-01	1385+67.00	5.00	0.32							1							-6.2N, -6.75W,	162
4-02	1386+92.00	8.00	0.84			1											-4.99S,	162
4-03	1390+42.00	-47.50	-1.27	1													-7.1E,	
4-04	1390+42.00	3.00	1.27							1							-7.44N, -7.34W,	162
5-01	NOT USED																	
5-02	1391+41.00	9.00	0.69			1											-5.14S,	162
5-03	1393+41.00	9.00	-0.31													1	-6.14N,	162
5-04	1393+56.00	8.00	-0.32			1											-6.2N, -6.2S, -7.05W,	162
5-05	1393+71.00	9.00	-0.31													1	-6.14S,	162
5-06	1393+56.00	-44.00	-2.57			1											-8.45N, -8.45S, -8.83W, -8.58E,	
5-07	1393+71.00	-45.00	-2.56													1	-8.39S,	
5-08	1393+53.00	-55.00	-1.25								1						-9.57N, -9.01E,	
5-09	1395+02.00	-61.00	0.75								1						-10.63N, -9.88S, -8.02NE,	
5-10	1395+10.00	-48.00	-1.99			1											-7.82E, -7.92SW,	
5-11	1395+16.00	8.00	0.49			1											-5.34W,	162
5-12	1396+69.00	-48.00	-0.46			1											-6.29NW,	
5-13	1396+78.00	-53.00	-0.2								1						-10.95N, -10.85S, -6.39SE,	
5-14	1393+41.00	-45.00	-2.56													1	-8.39N,	
5-15	NOT USED																	
5-16	1394+98.00	-55.00	-2.35		1												-5.23NW,	
6-01	1398+19.00	-52.00	2.1								1						-9.83N, -11.16S, -9.83W, -11.66E, -3.74NW, -4.87NE	
6-02	NOT USED																	
6-03	1398+32.00	-57.50	2.5		1												-3.33SE,	
6-04	1398+23.00	-48.00	0.98			1											-4.85SW,	
6-05	1398+30.00	8.00	3.46			1											-2.37S,	
6-06	1399+68.00	-52.00	3.5							1							-3.99N, -9.08S, -2.33W,	
6-07	1399+75.00	-48.00	1.94			1											-3.89S,	
7-01	1403+26.00	8.00	4.15			1											-1.68SW,	162
7-02	1403+26.00	-39.00	2.23								1						-7.45N, -3.6E, -3.99SW,	
7-03	1403+18.00	-44.00	1.94			1											-3.89N,	
7-04	1404+88.00	-60.00	3.03					1									-4.13N,	
7-05	1405+12.00	-39.00	1.29								1						-10.32N, -8.16S, -4.54E, -4.79SW,	
7-06	1405+12.00	8.00	2.72			1											-3.23W,	162
7-07	1406+94.00	-46.00	0.24			1											-5.59SE,	
7-08	1406+94.00	-39.00	0.57								1						-11.12N, -10.85S, -5.69NW, -11.62SE	
7-09	NOT USED																-5.6N, -11.68NW, -11.78SE	162
7-10	1406+94.00	8.00	0.33			1											-5.5S,	162
7-11	1405+06.00	-46.00	1.34			1											-4.49SW, -4.74NE	
8-01	1408+94.00	8.00	-1.59			1											-7.42SW,	162
8-02	1408+50.00	-39.00	-0.1								1						-10.66N, -10.91S, -6.23W, -7.65E,	
8-03	1408+52.00	-44.00	-0.36			1											-6.19E,	
8-04	1409+25.00	-39.00	-0.55								1						-10.55S, -7.24W, -9.3E,	



NOTE:
OFFSET FOR DRAINAGE STRUCTURES IS
TO THE CENTER OF THE FRAME AND GRATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULE
PROPOSED DRAINAGE STRUCTURES
SCALE: 1" = N.T.S. DRAWN BY: MJO
DATE: 7/7/05 CHECKED BY: LPN

P:\0-30090235\Con\488\5\CADD\NUS\00022E.dwg 06/27/2005 09:55:57 PM

SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RTE. 94/90	SECTION *	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 134
STA. TO STA.		ILLINOIS FED. AID PROJECT		
62302		* 11818, ETC, 2324.6-1PR-9		

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D TIF OL	CB, TA, 4D T8C	CB, TA, 4D T20 F&G	CB, TA, 5D TIF OL	CB, TA, 5D T20 F&G	CB, TC, 2D T20 F&G	MH, TA, 4D TIF CL	MH TA 5D TIF CL	MH TA 6D TIF CL	DR STR T1 W/2 T20 F&G	DR STR T2 W/2 T22 F&G	INLET, TYPE B, TIF OL	INLET, TYPE B, T 20 F&G	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
8-05	1409+66.00	8.00	-3.15			1											-8.98S,	162
8-06	1410+29.00	-44.00	-1.5			1											-7.33N,	
8-07	1412+94.00	-39.00	-3.57								1						-11.02S, -10.27E,	
8-08	1411+04.00	-39.00	-1.93								1						-12.12N, -7.76S, -8.03W, -12.69E,	
8-09	NOT USED																	119
8-10	1411+50.00	-45.00	-2.19													1	-8.02N,	
8-11	1411+65.00	-44.00	-2.2			1											-8.08N, -8.08S, -8.33E,	
8-12	1411+80.00	-45.00	-2.19													1	-8.02S,	
8-13	1411+63.00	-39.00	-2.07								1						-11.71N, -11.91S, -8.41W,	
8-14	1411+50.00	9.00	-4.65			1											-10.85N, -10.95S,	119
8-15	1411+65.00	8.00	-4.66			1											-10.54N, -10.79S, -10.26W,	108
8-16	1411+80.00	9.00	-4.65													1	-10.48S,	108
8-17	1411+65.00	3.00	-4.31														-10.14E,	
8-18	1412+36.00	-44.00	-2.05			1											-8.64E, -8.54NW,	
8-19	1412+45.00	-39.00	-1.83								1						-11.22N, -11.43S, -8.67SW,	
8-20	1412+94.00	8.00	-3.98			1											-10.05W,	103
9-01	1413+55.00	-44.00	-1.27			1											-7.10NE,	
9-02	1413+65.00	-39.00	-1.14							1							-9.96N, -7.13W,	
9-03	1415+01.00	6.50	-2.72			1											-8.56W,	101
9-04	1415+01.00	-39.00	-0.22							1							-10.86N, -10.61S, -8.78E,	
9-05	1416+90.00	-44.00	0.86			1											-4.97E,	
9-06	1416+87.00	-39.00	0.96								1						-10.9N, -11.53S, -5.07W, -12.53E,	
9-07	NOT USED																	
9-08	1417+14.00	7.00	-1.4			1											-7.23S,	122
9-09	1418+94.00	-39.00	2.26								1						-9.87N, -10.37S, -3.7W, -6.42E,	
9-10	1418+94.00	-44.00	2.16			1											-3.67E,	
9-11	1418+94.00	8.00	-0.33			1											-6.15W,	162
9-12	1413+54.67	-50.58	-5.2						1								-8.2W,	
9-13	1415+61.63	-52.31	-4.15						1								-7.30SW,	
9-14	1417+09.94	-48.89	-3.21						1								-6.21SW,	
9-15	1418+29.39	-51.03	-2.15						1								-5.3SW,	
10-01	1420+75.00	-39.00	3.4								1						-9.09N, -9.29S, -2.58W, -5.24E,	
10-02	1420+75.00	-44.00	3.28			1											-2.54E,	
10-03	1420+75.00	8.00	0.81			1											-5.01W,	162
10-04	1421+90.00	-44.00	4			1											-1.82E,	
10-05	1421+90.00	-39.00	4.12								1						-8.73S, -1.92W, -4.52E,	
10-06	1421+88.00	8.00	1.52			1											-4.3W,	162
10-07	1423+14.00	-39.00	3.81								1						-9.53N, -10.03E, -2.28NW,	
10-08	1423+10.00	-44.00	3.58			1											-2.24SE,	
10-09	NOT USED																	
10-10	1423+10.00	8.00	2.46			1											-3.36SW,	
10-11	1424+07.00	-41.00	3.71								1						-9.16N, -9.36S,	
10-12	1424+96.00	-39.00	3.84								1						-8.25N, -9S, -2.76E, -2.26NW,	
10-13	1425+00.00	-44.00	3.61			1											-2.22SE,	
10-14	1425+00.00	8.00	3.37			1											-2.46W,	162
10-15	1420+33.05	-52.00	-0.58							1							-4.51N, -5.58S, -4.51W,	
10-16	1420+41.79	-52.46	-0.48						1								-4.48N, -4.48S,	
10-17	1421+44.69	-51.32	0.31						1								-3.89S,	
11-01	1426+87.00	8.00	3.43			1											-2.4W,	162
11-02	1426+87.00	-40.00	3.87								1						-7.65S, -2.63E, -2.56NW,	
11-03	1427+20.00	-44.00	3.6			1											-2.45SE,	
11-04	1428+87.00	-44.00	2.91			1											-3.23NE,	
11-05	1428+81.00	8.00	2.7			1											-3.13N,	162
11-06	1429+55.00	-39.00	2.81								1						-10.53N, -10.63E, -3.55SW,	
11-07	NOT USED																	
11-08	1430+99.00	-39.00	2.1								1						-10.24N, -10.34S, -4.44W, -4.43E,	
11-09	1430+99.00	8.00	1.62			1											-4.21W,	162
12-01	1430+99.00	-44.00	1.9			1											-4.41E,	
12-02	1431+24.00	-39.00	1.98								1						-10.11N, -10.21S,	
12-03	1433+11.00	8.00	0.57			1											-5.26W,	162
12-04	1433+11.00	-39.00	1.05								1						-9.79N, -9.89S, -5.08W, -5.46E,	
12-05	1433+11.00	-44.00	0.85			1											-4.98E,	
12-06	1434+91.00	8.00	-0.32			1											-6.15W,	162
12-07	1434+91.00	-39.00	0.16								1						-9.1N, -9.6S, -6.35W,	
12-08	1435+56.00	-44.00	-0.41			1											-6.24E,	

DS-14



NOTE:
OFFSET FOR DRAINAGE STRUCTURES IS
TO THE CENTER OF THE FRAME AND GRATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULE
PROPOSED DRAINAGE STRUCTURES
SCALE: 1" = N.T.S.
DATE: 7/7/05
DRAWN BY: MJO
CHECKED BY: LPN

06/27/2005 06:56:22 PM

SCHEDULE OF DRAINAGE STRUCTURES

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D TIF OL	CB, TA, 4D T8G	CB, TA, 4D T20 F&G	CB, TA, 5D TIF OL	CB, TA, 5D T20 F&G	CB, TC, 2D T20 F&G	MH, TA, 4D TIF CL	MH TA 5D TIF CL	MH TA 6D TIF CL	DR STR T1 W/2 T20 F&G	DR STR T2 W/2 T22 F&G	INLET, TYPE B, TIF OL	INLET, TYPE B, T 20 F&G	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
12-09	1435+56.00	-39.00	-0.17								1						-8.9N, -9S, -6.34W,	
12-10	1436+50.00	-39.00	-0.65								1						-8.7N, -8.8S, -7.18E,	
12-11	1436+50.00	8.00	-1.13			1											-6.96W,	162
12-12	1436+97.00	9.00	-1.24													1	-7.07N,	162
12-13	1436+97.00	-45.00	-1													1	-6.83N,	
13-01	1437+12.00	-44.00	-1.01			1											-7.1N, -6.89S, -7.2E,	
13-02	1437+31.00	-45.00	-1													1	-7.05S,	
13-03	1437+12.00	-39.00	-0.77								1						-8.14N, -8.64S, -7.22W, -7.62E,	
13-04	NOT USED																	
13-05	1437+12.00	8.00	-1.25			1											-7.13N, -7.13S, -7.38W,	162
13-06	1437+27.00	9.00	-1.24													1	-7.07S,	162
13-07	1438+00.00	8.00	-1.02			1											-6.85W,	162
13-08	1438+00.00	-39.00	-0.54								1						-7.53N, -8.03S, -7.07E,	
13-09	1438+46.00	-44.00	-0.47			1											-6.3E,	
13-10	1438+46.00	-39.00	-0.23								1						-7.18N, -7.43S, -6.4W,	
13-11	1439+69.00	-39.00	0.98								1						-6.66N, -6.91S, -5.51E,	
13-12	1439+69.00	8.00	0.54			1											-5.29W,	162
13-13	1440+81.00	-44.00	1.87			1											-3.96E,	
13-14	1441+71.00	-42.00	2.78							1							-4.5S, -4.04E,	
13-15	1441+71.00	8.00	2.46			1											-3.74W,	162
13-16	1440+81.00	-39.00	2.11							1							-5.04N, -5.91S, -4.03W,	
14-01	1445+39.00	-40.00	2.49								1						-8.26N, -3.83W, -9.26E,	
14-02	NOT USED																	
14-03	1445+39.00	-44.00	2.33			1											-3.81E,	
14-04	1445+58.00	8.00	1.92			1											-3.91S,	
14-05	308+51.00	-5.00	-0.58			1											-6.72E,	
14-06	1447+55.00	-41.00	0.31								1						-6.44N, -7.79S, -6.79W, -6.1E,	
14-07	1447+55.00	8.00	-0.05			1											-5.88W,	162
14-08	1448+00.00	-44.00	-0.3			1											-6.14SE,	
15-01	310+44.00	-29.00	-3.73													1	-9.56N,	
15-02	1449+49.00	-44.00	-1.65			1											-7.48NE,	
15-03	1449+62.00	-39.00	-1.46							1							-10.77N, -10.08W, -8E, -7.53SW,	
15-04	NOT USED																	
15-05	310+44.00	7.00	-3.21													1	-9.04N,	
15-06	310+59.00	6.00	-3.22			1											-9.1N, -9.1S, -9.92W, -10.02E,	
15-07	310+74.00	7.00	-3.21													1	-9.04S,	
15-08	310+59.00	-28.00	-3.74			1											-9.62N, -9.62S, -9.72E,	
15-09	310+74.00	-29.00	-3.73													1	-9.56S,	
15-10	1450+19.00	-45.00	-1.94													1	-7.77N,	
15-11	1450+34.00	-44.00	-1.95			1											-7.83S, -8.08E,	
15-12	1450+49.00	-45.00	-1.94													1	-7.77S,	
15-13	1450+39.00	-39.00	-1.71								1						-10.12N, -11.22S, -11.32E, -8.12SW,	
15-14	1449+49.00	9.00	-1.94			1											-7.77W,	162
15-15	1450+19.00	9.00	-2.18													1	-8.01N,	162
15-16	1450+34.00	8.00	-2.19			1											-8.07S, -8.17NW,	162
15-17	1450+49.00	9.00	-2.18			1											-8.01SW,	
15-18	NOT USED																	
15-19	1451+35.00	9.00	-1.83			1											-7.66W,	162
15-20	311+92.00	-28.00	-3.01			1											-9.15NE,	
15-21	1451+35.00	-39.00	-1.35								1						-9.76N, -9.86S, -9.66W, -7.89E,	
15-22	313+70.00	6.00	-0.47			1											-6.3E,	
15-23	1452+73.00	-39.00	-0.05								1						-9.26N, -9.36S, -6.4W,	
15-24	1453+32.00	-44.00	0.2			1											-6.76W, -6.86E,	
15-25	1453+32.00	8.00	-0.04			1											-5.87W,	162
15-26	314+28.00	-24.00	-0.52			1											-6.66E,	
15-27	312+32.00	-19.00	-2.2							1							-9.41E, -9.31SW,	
15-28	1451+35.00	-44.00	-1.55			1											-9.53W, -9.63E,	
15-29	1453+32.00	-39.00	0.4							1							-9.1S, -6.89W, -6.1E,	
16-01	318+64.00	-19.00	-0.15								1						-8.56N, -6.55E, -6.40SW,	
16-02	NOT USED																	
16-03	1457+69.00	8.00	-0.26			1											-6.09W,	162
16-04	1457+69.00	-40.00	0.14		1												-6.46W, -6.36E,	
16-05	1459+77.00	-56.00	-0.17								1						-9.25N, -9.05S, -7.92W, -6.4E,	
16-06	1459+71.00	-58.00	-1.99			1											-7.82E,	
16-07	1459+77.00	8.00	-0.26			1											-6.09W,	162
17-01	1460+20.00	-58.00	-2.14													1	-7.97N,	



NOTE:
OFFSET FOR DRAINAGE STRUCTURES IS
TO THE CENTER OF THE FRAME AND GRATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULE
PROPOSED DRAINAGE STRUCTURES
SCALE: 1" = N.T.S.
DATE: 7/7/05
DRAWN BY: MJG
CHECKED BY: LPN

SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	598	136
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		• (1818, ETC, 2324.6-IPR-9		

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D TIF OL	CB, TA, 4D T8G	CB, TA, 4D T20 F&G	CB, TA, 5D TIF OL	CB, TA, 5D T20 F&G	CB, TC, 2D T20 F&G	MH, TA, 4D TIF CL	MH TA 5D TIF CL	MH TA 6D TIF CL	DR STR T1 W/2 T20 F&G	DR STR T2 W/2 T22 F&G	INLET, TYPE B, TIF OL	INLET, TYPE B, T 20 F&G	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
17-02	1460+35.00	-57.00	-2.15			1											-8.5N, -8.03S, -8.75E,	
17-03	1460+50.00	-58.00	-2.14			1											-8.36N, -8.46S,	
17-04	1460+35.00	-53.00	-2.14								1						-9.39S, -8.76W, -10.39E,	
17-05	NOT USED																	
17-06	1460+20.00	9.00	-2.13													1	-7.96N,	162
17-07	1460+35.00	8.00	-2.14			1											-8.02N, -8.02S, -8.27W,	162
17-08	1460+55.00	9.00	-2.13													1	-7.96S,	
17-09	1461+14.00	8.00	-1.93			1											-7.76S,	162
17-10	1460+14.00	-58.00	-2.14			1											-8.19S,	
17-11	1463+31.00	-56.00	0.11			1											-6.25S, -6.5NE,	
17-12	1463+31.00	8.00	0.11			1											-5.72W,	162
17-13	1463+46.00	-52.00	0.42								1						-7.82N, -6.56SW, -6.02SE	
17-14	1465+13.00	-56.00	1.8			1											-4.03NE,	
17-15	1465+08.00	-52.00	2.04								1						-8.34S, -8.84E, -4.13SW,	
17-16	NOT USED																	
17-17	1465+08.00	8.00	1.76			1											-4.07N, PE,	
17-18	1460+35.00	3.00	-1.9								1						-10.57N, -10.47W, -8.3E,	
17-19	1462+76.00	-56.00	-0.16			1											-6N,	
18-01	1469+30.00	-56.00	1.9			1											-4.15E,	
18-02	1469+28.00	8.00	1.91			1											-3.92W,	162
18-03	1469+57.00	-52.00	1.9								1						-7.98N, -7.73S,	
18-04	1471+11.00	-56.00	0.14			1											-5.69NE,	
18-05	1471+18.00	-52.00	0.26								1						-9.89N, -9.29S, -5.79W, -6.03E,	
18-06	1471+18.00	8.00	0.1			1											-5.73W,	162
18-07	1469+28.00	-52.50	2.09							1							-7.54N, -4.16W, -4.21E,	
19-01	1472+92.00	8.00	-1.66			1											-7.49NW,	162
19-02	1473+04.00	-56.00	-1.73			1											-7.56NE,	
19-03	1473+10.00	-51.00	-1.52								1						-9.13N, -11.09S, -11.84E, -7.66SW,	
19-04	1473+11.00	3.00	-1.52								1						-11.96W, -12.16E, -7.59SE, -8.49NE	
19-05	1473+62.00	9.00	-1.91			1											-8.11N, -8.21S,	162
19-06	1473+75.00	8.00	-1.91			1											-7.8N, -8.05S, -7.51W,	162
19-07	1473+90.00	9.00	-1.91													1	-7.74S,	162
19-08	NOT USED																	
19-09	1473+62.00	-57.00	-1.91														-7.74N,	
19-10	1473+75.00	-56.00	-1.91			1											-7.8N, -7.84S, -8.09E,	
19-11	1473+90.00	-57.00	-1.91													1	-7.74S,	
19-12	1473+80.00	-51.00	-1.67							1							-8.57N, -8.92S, -8.19W,	
19-13	1474+58.00	8.00	-1.67			1											-7.5W,	162
19-14	1474+51.00	-51.00	-1.47							1							-8.05S, -7.56W, -7.8E,	
19-15	1474+58.00	-56.00	-1.67			1											-7.5E,	
19-16	1476+03.00	-51.00	-0.03							1							-7.13N, -6.14W, -6.33E,	
19-17	1476+03.00	8.00	-0.23			1											-6.06W,	49
19-18	1475+98.00	-56.00	-0.28			1											-6.11NE,	
19-19	1477+81.00	-56.00	1.64			1											-4.19E,	
19-20	1477+81.00	4.50	1.78			1											-4.05N,	
19-21	1477+90.00	-51.00	1.98								1						-6.95N, -8.13S, -9.13E, -4.29SW,	
19-22	1477+93.00	3.00	2.01								1						-4.15S, -9.19W, -9.29E,	
19-23	1476+45.00	-51.00	0.39							1							-7.42N, -7.32S,	
20-01	1478+75.00	-51.00	2.89								1						-6.68N, -6.78S,	
20-02	1479+78.00	-51.00	4								1						-6N, -6.5S, -2.17W, -2.25E,	
20-03	1479+78.00	-56.00	3.76			1											-2.07E,	
20-04	1479+78.00	5.00	3.88			1											-1.95W,	63
20-05	1481+55.00	-56.00	5.65			1											-0.18E,	
20-06	1481+55.00	5.00	5.81			1											-0.02W,	90
20-07	1481+55.00	-51.00	5.89								1						-5.14N, -5.24S, -0.28W, -0.31E,	
20-08	1483+55.00	-51.00	8.03								1						-3.6N, -4.35S, 2.1W, 1.85E,	
20-09	1483+55.00	-56.00	7.79			1											2.14E,	
20-10	1483+55.00	5.00	7.95			1											2.12W,	162
20-11	1481+18.00	-51.00	5.49								1						-5.36N, -5.46S,	
21-01	1485+69.00	-51.00	10.16								1						-2.44S, 4.06W, 3.86E,	
21-02	1485+69.00	-56.00	9.92			1											4.09E,	
21-03	1485+69.00	6.00	10			1											4.17W,	162
22-01	1490+69.00	-56.00	9.91			1											4.08E,	
22-02	1490+69.00	6.00	9.99			1											4.16W,	162
22-03	1490+73.00	-51.00	10.12								1						-2.3N, 3.85W, 3.98E,	
22-04	1492+66.00	6.00	8.12			1											2.29W,	162

DS-16



NOTE:
OFFSET FOR DRAINAGE STRUCTURES IS TO THE CENTER OF THE FRAME AND GRATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULE
PROPOSED DRAINAGE STRUCTURES
SCALE: 1" = N.T.S.
DATE: 7/7/05
DRAWN BY: MJO
CHECKED BY: LPN

06/27/2005 06:57:39 PM

SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	137
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-1P)R-9		

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D TIF OL	CB, TA, 4D T8C	CB, TA, 4D T20 F&G	CB, TA, 5D TIF OL	CB, TA, 5D T20 F&G	CB, TC, 2D T20 F&G	MH, TA, 4D TIF CL	MH TA 5D TIF CL	MH TA 6D TIF CL	DR STR T1 W/2 T20 F&G	DR STR T2 W/2 T22 F&G	INLET, TYPE B, TIF OL	INLET, TYPE B, T 20 F&G	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
22-05	1492+66.00	-51.00	8.28								1						-4.11N, -3.36S, 2.12W, 1.98E,	
22-06	1492+66.00	-56.00	8.05			1											2.22E,	
22-07	1494+12.00	-51.00	6.79								1						-4.61N, -4.81S,	
22-08	1494+63.00	-51.00	6.27								1						-5.47N, -4.97S, 0.19W, -0.06E,	
22-09	1494+63.00	-56.00	6.07			1											0.24E,	
22-10	1494+63.00	8.00	6.07			1											0.24W,	162
22-11	1491+97.00	-51.00	8.98								1						-3.13N, -2.93S,	
23-01	1496+43.00	-56.00	4.19			1											-1.95E,	
23-02	1496+43.00	-54.00	4.31								1						-5.97N, -5.77S, -1.98W, -1.87E,	
23-03	1497+90.00	-51.00	2.69								1						-6.41N, -6.21S,	
23-04	1496+43.00	7.00	4.27			1											-1.56W,	162
23-05	1498+57.00	6.00	2.09			1											-3.74N,	162
23-06	1498+73.00	-56.00	1.85			1											-3.98E,	
23-07	1498+76.00	-51.00	2.06								1						-7.77N, -6.55S, -4.08W, -8.77E,	
23-08	1498+83.00	4.00	1.95								1						-3.88S, -8.87W, -9.07E,	
23-09	1500+54.00	-51.00	0.25							1							-7.11S, -6.03E, -6.16NW,	
23-10	1500+54.00	6.00	0.09			1											-5.74W,	162
23-11	1500+75.00	-56.00	-0.2			1											-6.03SE,	
24-01	1502+61.00	6.00	-1.82			1											-7.65W,	162
24-02	1502+61.00	-56.00	-1.9			1											-7.96N, -8.06E,	
24-03	1502+61.00	-51.00	-1.7							1							-8.59N, -8.09W, -7.96E,	
24-04	1502+76.00	-56.00	-2.03							1							-7.86S,	
24-05	1503+48.00	-57.00	-2.25													1	-8.08N,	
24-06	1503+59.00	-56.00	-2.26			1											-8.14N, -8.19S, -8.34E,	
24-07	1503+74.00	-57.00	-2.25													1	-8.08S,	
24-08	1503+59.00	-51.00	-2.26								1						-9.17N, -8.92S, -8.37W,	
24-09	1503+48.00	7.00	-2.17													1	-8N,	162
24-10	1503+59.00	6.00	-2.18			1											-8.31N, -8.06S, -7.86W,	162
24-11	1503+74.00	7.00	-2.17													1	-8.52N, -8.42S,	162
24-12	1503+59.00	3.00	-2.02				1										-7.85E,	
24-13	1504+19.00	-51.00	-2.12								1						-10.15N, -9.37S, -10.7E, -8.07SW,	
24-14	1504+17.00	5.00	-1.96								1						-7.89N, -8.99S, -10.8W, -10.9E,	
24-15	1504+20.00	-56.00	-2.14			1											-7.97NE,	
24-16	1504+57.00	6.00	-1.88			1											-7.71N,	162
24-17	1506+59.00	-56.00	0.51			1											-5.32E,	
24-18	1506+59.00	6.00	0.59			1											-5.24W,	162
24-19	1506+59.00	-51.00	0.47								1						-9.47N, -9.67S, -5.36W, -5.56E,	
24-20	1507+28.00	-51.00	1.55								1						-9.14N, -9.34S,	
25-01	331+84.00	-19.00	3.56								1						-8.69N, -8.89S,	
25-02	332+12.00	-18.00	3.97			1											-1.86SE,	
25-03	1508+83.00	6.50	3.97			1											-1.86W,	162
25-04	332+06.00	-19.00	3.88								1						-8.16N, -8.66S, -1.95W, -2.16E,	
25-05	333+55.00	-20.00	6.05			1											-0.09E,	
25-06	1510+26.00	-40.00	6.4								1						-6.67N, -0.86S, -0.38W, -0.17E,	
25-07	1510+26.00	4.00	6.16							1							0.33N, -7.42W,	162
25-08	1510+96.00	6.50	6.84			1											1.01S,	162
25-09	1511+59.00	-42.00	7.77								1						-5.73N, -5.93S, 1.23W,	
25-10	334+85.00	-20.00	7.47			1											1.33E,	
25-11	1512+96.00	-39.00	8.9								1						-4.96S, 2.5W, 2.49E,	
25-12	1512+96.00	6.00	8.54			1											2.71W,	162
25-13	1512+96.00	-44.00	8.66			1											2.52E,	
25-14	333+52.00	-18.00	6.11								1						-7.68S, -7.48E, -0.1NW,	
25-15	1509+64.00	-39.00	5.62	1													-0.21N,	
25-16	1510+22.00	-40.00	6.44	1													-0.85N, -0.75S,	
25-17	1511+63.00	-42.00	7.77	1													1.94S,	
26-01	338+47.00	-22.00	6.84	1													2.01S, 1.91NE,	
26-02	339+03.00	3.00	8.47			1											1.29E, 1.54SW,	
26-03	1517+46.00	-39.00	8.84								1						-5.08N, -4.88S, -3.96W, 2.48E,	
26-04	1515+75.00	-39.00	9.48								1						-4.08N, 1.19W,	
26-05	1517+46.00	5.00	8.52			1											2.69W,	162
26-06	340+75.00	3.00	7.75			1											-3.73E,	
26-07	1517+46.00	-44.00	8.64			1											-3.83W, -3.93E,	
26-08	342+59.00	3.00	6.23								1						0.49NE,	
26-09	1519+45.00	-39.00	7.15														-6.51N, -6.01S, 0.78E, 0.28SW,	
26-10	1519+42.00	5.00	6.82			1											0.99W,	162
26-11	1519+43.00	-44.00	6.98														0.39SW, 0.29NE	

DS-17



NOTE:
OFFSET FOR DRAINAGE STRUCTURES IS
TO THE CENTER OF THE FRAME AND GRATE.

REVISIONS	DATE
NAME	

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULE
PROPOSED DRAINAGE STRUCTURES
SCALE: 1" = N.T.S.
DATE: 7/7/05
DRAWN BY: MJO
CHECKED BY: LPN

06/27/2005 06:57:37 PM

SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	138
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		• (1818, ETC, 2324.6-1PIR-9		

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D TIF OL	CB, TA, 4D T8C	CB, TA, 4D T20 F&G	CB, TA, 5D TIF OL	CB, TA, 5D T20 F&G	CB, TC, 2D T20 F&G	MH, TA, 4D T1F CL	MH TA 5D T1F CL	MH TA 6D T1F CL	DR STR T1 W/2 T20 F&G	DR STR T2 W/2 T22 F&G	INLET, TYPE B, TIF OL	INLET, TYPE B, T 20 F&G	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
27-01	1520+21.00	-44.00	6			1											0.17NE,	
27-02	1520+24.00	-39.00	6.2								1						-7.23N, -6.73S, -0.44SW,	
27-03	344+76.00	6.00	3.4			1											-2.43NE,	
27-04	1521+55.00	-39.00	4.27								1						-7.62N, -7.42S, -2.13E, -2.53SW,	
27-05	1521+55.00	5.00	3.91			1											-1.92W,	162
27-06	1522+66.00	-44.00	2.67			1											-3.47E,	
27-07	1522+66.00	-39.00	2.66								1						-7.83S, -3.49W, -8.03E,	
27-08	1522+70.00	3.00	2.35								1						-8.21N, -8.1W,	162
27-09	1523+46.00	5.00	0.85			1											-5.31NW,	162
27-10	1525+28.00	-44.00	-2.43			1											-7.22NW, -7.32NE	
27-11	1525+51.00	-55.00	-1.01							1							-7.14SE,	
27-12	1525+28.00	3.00	-2.62								1						-12.59N, -10.65S, -8.79W, -7.77E,	
27-13	1525+26.00	7.00	-2.92			1											-8.75NW,	162
27-14	1523+51.00	3.00	0.57								1						-9.96N, -8.36S, -5.35SE,	
28-01	1526+76.00	7.00	-4.51			1											-10.34NW,	162
28-02	1527+56.00	3.00	-4.42								1						-12.65N, -15S, -12.97W, -15.25E, -10.72SE, -10.53NE	
28-03	1527+36.00	8.00	-4.7												1		-10.53N,	162
28-04	1527+51.00	7.00	-4.71			1											-10.58S, -10.68NW,	
28-05	1527+34.00	-45.00	-2.4			1											-8.23NE,	
28-06	1527+53.00	-44.00	-2.41			1											-8.35N, -8.45SE,	
28-07	1527+47.00	-39.00	-2.27								1						-12.9E, -8.51NW, -8.28SW	
28-08	1526+83.00	3.00	-4.26								1						-14.88N, -12.82S, -10.44SE,	
28-09	1527+66.00	10.00	-4.66												1		-10.49SW,	
28-10	1527+66.00	3.00	-3.31			1											-9.14W,	162
28-11	1527+66.00	-44.00	-2.22												1		-8.16N, -8.26S,	
28-12	1528+22.00	-44.00	-2.01							1							-7.84S,	
28-13	1528+32.00	3.00	-3.99								1						-12.07N, -12.57S, -10.24E,	
28-14	1528+33.00	10.00	-4.39			1											-10.22W,	162
28-15	1529+35.00	-40.00	-0.91								1						-11.74N, -11.84S, -9.45E,	



NOTE:
OFFSET FOR DRAINAGE STRUCTURES IS TO THE CENTER OF THE FRAME AND GRATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULE
PROPOSED DRAINAGE STRUCTURES
SCALE: 1" = N.T.S.
DATE: 7/7/05
DRAWN BY: MJO
CHECKED BY: LPN

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	139
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	* (1818, ETC, 2324.6-1PR-9			

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T20F&G	CB TA 5 DIA T1F OL	CB TA 5 DIA T20F&G	CB TC 2 DIA T20F&G	MAN TA 4 DIA T1F CL	MAN TA 5 DIA T1F CL	MAN TA 6 DIA T1F CL	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	IN TB TIF OL	IN TB T20F&G	CB TA 4 DIA T8G	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
29-01	1530+15.0	7.9' RT	-2.34		1												-11.17NW,	162
29-02	1530+15.0	39.5' LT	0.08						1								-11.69SW, -11.59NE, -11.59W, -11.59SE,	
29-03	1530+15.0	49.5' LT	-2.18									1					-11.39W,	
29-04	1530+15.0	44.8' LT	-0.07														-11.49E,	
29-05	1531+45.0	8.0' RT	-0.50		1												-5.64NW,	162
29-06	1531+45.0	39.5' LT	1.89						1								-11.36NE, -11.46SW, -6.06SE, -11.36NW,	
29-07	1531+45.0	49.5' LT	-1.01									1					T.B.D.	
29-08	1531+45.0	44.8' LT	1.40														-11.26SW,	
29-09	1532+70.0	8.4' RT	0.69		1												-10.71NW,	162
29-10	1532+70.0	39.5' LT	1.97						1								-11.13NE, -11.23SW, -11.13SE, -11.13NW,	
29-11	1532+70.0	49.5' LT	0.24									1					-10.93NW,	
29-12	1532+70.0	44.8' LT	1.76														-11.03SE,	
29-13	1534+10.0	7.5' RT	2.32		1												-2.87NW,	162
29-14	1534+10.0	44.8' LT	2.33		1												-10.69NW, -10.79SE,	
29-15	1534+10.0	39.5' LT	2.54						1								-10.99SW, -10.74NE, -10.89NW, -3.29SE,	
29-16	1534+75.0	7.5' RT	3.07		1												-10.15NW,	162
29-17	1534+75.0	49.5' LT	2.18									1					-10.37N,	
29-18	1534+75.0	44.8' LT	2.59														-10.47NW,	
29-19	1534+75.0	39.5' LT	2.80						1								-10.67SW, -10.57NE, -10.57NW, -10.57SE,	
29-20	1535+40.0	7.5' RT	3.81		1												-1.68NW,	162
29-21	1535+40.0	44.8' LT	2.85		1												-10.3SE, -10.2NW,	
29-22	1535+40.0	39.5' LT	3.06						1								-10.5SW, -10.25NE, -10.4NW, -2.1SE,	
30-01	1536+65.0	7.5' RT	5.32		1												-1.27NW,	162
30-02	1536+65.0	39.5' LT	3.52						1								-10.09SW, -9.99NE, -9.99NW, -1.69SE,	
30-03	1536+65.0	49.5' LT	4.24									1					-9.79NW,	
30-04	1536+65.0	44.8' LT	3.25														-9.89SE,	
30-05	1537+75.0	7.5' RT	6.64		1												-9.33NW,	162
30-06	1537+75.0	44.8' LT	4.15		1												-9.55NW, -9.65SE,	
30-07	1537+75.0	39.5' LT	4.46						1								-9.85SW, -7.95NE, -9.75NW, -9.75SE,	
30-08	1539+05.0	7.5' RT	7.99		1												1.09NW,	162
30-09	1539+05.0	49.5' LT	5.75									1					-7.44NW,	
30-10	1539+05.0	44.8' LT	5.50														-7.54SE,	
30-11	1539+05.0	39.5' LT	5.81						1								-7.74SW, -5.64NE, -7.64NW, 0.66SE,	
30-12	1540+45.0	85.2' LT	5.78									1					-4.81S,	
30-13	1540+45.0	80.8' LT	5.63														-4.91E,	
30-14	1540+45.0	75.3' LT	5.95						1								-5.11E, -3.21N, -5.01W,	
30-15	1540+55.0	44.8' LT	6.49		1												-5.1W,	
30-16	1540+45.0	7.5' RT	8.93		1												-4.77W,	162
30-17	1540+45.0	39.5' LT	6.76						1								-5.3S, -5.2W, -5.2E,	
30-18	1541+14.7	76.4' LT	6.34						1								-2.82N, -5.11S, -2.82W,	
31-01	1542+95.6	46.1' LT	7.94	1													2.67W,	
31-02	1542+95.0	73.0' LT	7.56						1								-2.06S, 2.44E, -1.96W,	
31-03	1542+95.0	78.3' LT	6.89		1												-1.86E, -1.76W,	
31-04	1544+85.0	7.5' RT	8.23		1												3.1W,	162
31-05	1544+85.0	69.8' LT	8.06						1								-1.74N, -1.49W, 2.31E,	

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED STRUCTURES

SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

DS-19
06/29/2005 03:49:46 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	140
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-1PIR-9		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T20F&G	CB TA 5 DIA TIF OL	CB TA 5 DIA T20F&G	CB TC 2 DIA T20F&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	IN TB TIF OL	IN TB T20F&G	CB TA 4 DIA TBG	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
31-06	1544+85.0	79.7' LT	6.70									1					T.B.D.	
31-07	1544+85.0	75.0' LT	7.85														-1.39E,	
31-08	1546+55.0	7.5' RT	6.59		1												1.43W,	162
31-09	1546+55.0	66.7' LT	6.86							1							-4.38N, -2.28S, -3.63W, 0.67E,	
31-10	1546+55.0	76.7' LT	5.67									1					-3.43W,	
31-11	1546+55.0	72.0' LT	6.65														-3.53E,	
31-12	1546+55.0	43.0' LT	6.18	1													0.86W, 0.96E,	
31-13	1544+85.0	43.9' LT	7.83	1													2.53W, 2.63E,	
32-01	1548+47.0	7.5' RT	3.89		1												-1.3W,	162
32-02	1548+47.0	63.7' LT	4.05							1							-8.43N, -4.78S, -6.93W, -2.03E,	
32-03	1548+47.0	73.7' LT	3.51									1					-6.73W,	
32-04	1548+47.0	69.0' LT	3.48														-6.83SW,	
32-05	1550+00.0	7.5' RT	1.63		1												-3.52W,	162
32-06	1550+00.0	61.1' LT	1.70							1							-8.76N, -8.66S, -7.26W, -4.16E,	
32-07	1550+00.0	71.0' LT	1.11									1					T.B.D.	
32-08	1550+00.0	66.3' LT	1.49														-7.16E,	
32-09	1551+54.0	7.5' RT	-0.65		1												-9.25W,	162
32-10	1551+54.0	58.4' LT	-0.64							1							-11.86N, -8.96S, -9.86W, -9.86E,	
32-11	1551+54.0	68.3' LT	-1.39									1					-9.66W,	
32-12	1551+54.0	63.6' LT	-0.85														-9.76E,	
32-13	1553+72.0	7.5' RT	-3.44							1							-13.7N, -14.45E, -13.15W,	162
32-14	1553+72.0	54.2' LT	-3.39							1							-13.09E, -12.09S, -10.59W,	
32-15	1553+72.0	64.2' LT	-4.57									1					T.B.D.	
32-16	1553+72.0	59.5' RT	-3.60														-10.49E,	162
32-17	1548+47.5	40.9' LT	4.35	1													-1.75E,	
33-01	1554+75.0	7.5' RT	-3.92		1												-11.34N,	162
33-02	1555+41.0	7.5' RT	-3.89		1												-11.27NW, -11.17E,	162
33-03	1555+04.0	7.5' RT	-3.93	1													-11.59S, -11.69W,	162
33-04	1555+04.0	51.9' LT	-3.79						1								-12.1W, -12.15E,	
33-05	1554+75.0	62.4' LT	-5.13									1					-11.55W,	
33-06	1554+75.0	57.7' LT	-4.00														-11.65N,	
33-07	1555+41.0	61.8' LT	-5.10									1					-11.47W,	
33-08	1555+41.0	57.1' LT	-3.95														-11.57S,	
33-09	1555+04.0	61.8' LT	-5.16										1				T.B.D.	
33-10	1555+04.0	57.2' LT	-4.00														-11.9S, -11.9N, -12E,	
33-11	1556+60.0	7.5' RT	-3.18		1												-8.36W,	162
33-12	1556+60.0	51.5' LT	-3.02							1							-10.76N, -11.71SE, -10.51W, -8.91E,	
33-13	1556+60.0	62.8' LT	-4.28									1					-10.31W,	
33-14	1556+60.0	56.8' LT	-3.23														-10.41E,	
33-15	1558+05.0	7.5' RT	-1.59		1												-6.76W,	162
33-16	1558+05.0	51.5' LT	-1.43							1							-8.86N, -10.46S, -9.71W, -7.31E,	
33-17	1558+05.0	61.5' LT	-2.63									1					-9.51W,	
33-18	1558+05.0	56.8' LT	-1.64														-9.61E,	
33-19	1555+04.0	1.5' RT	-3.69							1							-12.74N, -12.29W, -11.79E, -13.54S,	
33-20	1555+58.7	1.5' RT	-3.59							1							-11.71NW, -12.66S, -11.41SE,	

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ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED STRUCTURES

SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

DS-20
03/29/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	141
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62302		• (1818, ETC, 2324.6-1P)R-9		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T20F&G	CB TA 5 DIA TIF OL	CB TA 5 DIA T20F&G	CB TC 2 DIA T20F&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	IN TB TIF OL	IN TB T20F&G	CB TA 4 DIA TBG	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
34-01	1560+05.0	7.5' RT	-0.17		1												-5.21W,	162
34-02	1560+05.0	51.5' LT	-0.01						1								-8.21S, -7.96W, -5.76E,	
34-03	1560+05.0	61.5' LT	-0.82									1					-7.76W,	
34-04	1560+05.0	56.8' LT	-0.22														-7.86E,	
34-05	1562+90.0	7.5' RT	-0.23		1												-5.44W,	162
34-06	1562+90.0	51.5' LT	-0.07						1								-10.39N, -5.99E, -9.89W,	
34-07	1562+90.0	61.5' LT	-0.95									1					-9.69NW, -9.69W,	
34-08	1562+90.0	56.8' LT	-0.28														-9.79E,	
34-10	1564+95.0	51.5' LT	-1.63						1								-12.3NE, -10.9S, -11.3W,	
34-11	1564+95.0	61.5' LT	-2.98									1					-11.1W,	
34-12	1564+95.0	56.8' LT	-1.84														-11.2E,	
35-01	1566+75.0	7.5' RT	-3.61		1												-11.5SW,	162
35-02	1566+75.0	51.5' LT	-3.45						1								-11.03N, -10.78W,	
35-03	1566+75.0	62.3' LT	-4.86		1												-10.58NW,	
35-04	1566+75.0	56.8' LT	-3.66		1												-10.68E,	
35-05	1567+50.0	7.5' RT	-3.88		1												-11.81N,	162
35-06	1567+80.0	7.5' RT	-3.88		1												-11.81S,	162
35-07	1567+65.6	7.4' RT	-3.88	1													-12.01W, -11.91S, -11.91N, -11.91E,	162
35-08	1567+65.8	51.5' LT	-3.73							1							-12.82N, -11.32S, -12.32W,	
35-09	1567+50.0	61.5' LT	-5.16									1					-11.92NW,	
35-10	1567+50.0	56.8' LT	-3.93														-12.02N,	
35-11	1567+80.0	61.5' LT	-5.15									1					T.B.D.	
35-12	1567+80.0	56.8' LT	-3.93														-12.02S,	
35-13	1567+65.6	61.5' LT	-5.16											1			T.B.D.	
35-14	1567+65.6	56.8' LT	-3.94														-12.22E, -12.12S, -12.12N,	
35-15	1568+30.0	61.5' LT	-5.00									1					-11.99W,	
35-16	1568+30.0	56.8' LT	-3.80														-12.09E,	
35-17	1568+30.0	51.5' LT	-3.59							1							-13.14N, -14.19E, -12.94S, -12.19W,	
35-18	1568+30.0	7.5' RT	-3.75							1							-14.75E, -14.25W, -13.2S,	162
35-19	1570+15.0	7.5' RT	-1.81		1												-9.42W, -9.32E,	162
35-20	1570+15.0	51.5' LT	-1.65							1							-9.17N, -12.82S, -11.57W, -9.97E,	
35-21	1570+15.0	61.5' LT	-2.96									1					-11.37NW,	
35-22	1570+15.0	56.8' LT	-1.86														-11.47E,	
35-23	1567+65.6	1.5' RT	-3.65							1							-13.11N, -13.01S, -12.11E,	
35-24	1566+62.0	3.5' RT	-3.37							1							-12.85N, -12.65W, -11.6NE,	
36-01	1572+30.0	7.5' RT	1.14		1												-3.98W,	162
36-02	1572+30.0	51.5' LT	1.30						1								-7.02N, -8.63S, -8.13W, -4.53E,	
36-03	1572+30.0	61.5' LT	0.21									1					-7.93W,	
36-04	1572+30.0	56.8' LT	1.09														-8.03E,	
36-05	1573+57.0	51.5' LT	2.10							1							-6.46S, -5.96W,	
36-06	1574+77.0	7.5' RT	2.00		1												-3.15W,	162
36-07	1574+77.0	51.5' LT	2.16							1							-6.75N, -3.7E, -6W,	
36-08	1574+77.0	61.5' LT	1.22									1					-5.8W,	
36-09	1574+77.0	56.8' LT	1.95														-5.9E,	
36-10	1577+31.0	7.5' RT	-0.14		1												-5.27W,	162

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DS-21

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED STRUCTURES

SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

03/09/07 TM 06/29/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	142
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		(1818, ETC, 2324.6-1P1R-9		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA T1F OL	CB TA 4 DIA T2OF&G	CB TA 5 DIA T1F OL	CB TA 5 DIA T2OF&G	CB TC 2 DIA T2OF&G	MAN TA 4 DIA T1F CL	MAN TA 5 DIA T1F CL	MAN TA 6 DIA T1F CL	DR STR T1 W/2 T2OF&G	DR STR T2 W/2 T22F&G	IN TB T1F OL	IN TB T2OF&G	CB TA 4 DIA T8G	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
36-11	1577+31.0	56.8' LT	-0.20							1							-12.62N, -7.97S, -5.82E, -11.12W,	
36-12	1577+31.0	61.5' LT	-0.84									1					-10.92W,	
36-13	1577+31.0	56.8' LT	-0.20														-11.02E,	
36-14	1575+92.0	51.5' LT	1.57						1								-6.61W, -7.36N, -7.26S,	
37-01	1579+71.0	61.5' LT	-5.02									1					-14.09SW,	
37-02	1579+71.0	56.8' LT	-4.42														-14.19E,	
37-03	1579+71.0	51.5' LT	-4.21							1							-15.54N, -13.03S, -14.29W, -16.29E,	
37-04	1579+71.0	7.5' RT	-4.36							1							-16.35W, -16.45E,	162
37-05	1581+15.0	7.5' RT	-5.62		1												-10.79W,	162
37-06	1581+15.0	51.5' LT	-5.46							1							-14.79N, -15.29S, -14.04W, -11.34E,	
37-07	1581+15.0	61.5' LT	-6.21									1					-13.84NW,	
37-08	1581+15.0	56.8' LT	-5.67														-13.94E,	
37-09	1581+50.0	7.5' RT	-5.69		1												-13.44N,	162
37-10	1581+80.0	7.5' RT	-5.69		1												-13.44S, -13.34NE,	162
37-11	1581+64.0	7.5' RT	-5.70	1													-13.54N, -13.54S, -13.64W,	162
37-12	1581+64.0	51.5' LT	-5.54							1							-12.04N, -14.69S, -14.19E, -14.19W,	
37-13	1581+50.0	61.5' LT	-6.28									1					T.B.D.	
37-14	1581+50.0	56.8' LT	-5.75														-13.89N,	
37-15	1581+80.0	61.5' LT	-6.27									1					-13.77W,	
37-16	1581+80.0	56.8' LT	-5.74														-13.87S,	
37-17	1581+63.9	61.5' LT	-6.28										1				T.B.D.	
37-18	1581+63.9	56.8' LT	-5.75														-14.09E, -13.99S, -13.99N,	
37-19	1583+05.0	7.5' RT	-4.99		1												-10.17W,	162
37-20	1583+05.0	51.5' LT	-4.83						1								-11.42S, -10.72E, -11.32W,	
37-21	1583+05.0	63.0' LT	-5.48		1												-11.12SW,	
37-22	1583+05.0	56.8' LT	-5.04		1												-11.22E,	
38-01	1584+09.0	61.5' LT	-4.09									1					-9.98S,	
38-02	1584+09.0	56.8' LT	-3.60														-10.08E,	
38-03	1584+09.0	51.5' LT	-3.39								1						-12.61N, -13.18SE, -10.18W,	
38-05	1584+09.0	7.5' RT	-3.55								1						-13.25NW, -14.45E,	162
38-06	1585+93.0	7.5' RT	0.31		1												-9.28S, -9.28E, -9.38W,	162
38-07	1585+93.0	51.5' LT	0.47							1							-8.13N, -12.43S, -9.93E, -9.93W,	
38-08	1585+93.0	61.5' LT	-0.12									1					-9.73W, -9.73SW,	
38-09	1585+93.0	56.8' LT	0.26														-9.83E,	
38-10	1587+94.0	7.5' RT	4.53		1												-3.76E, -3.76S, -3.86W,	162
38-11	1587+94.0	51.5' LT	4.69							1							-4.31N, -7.91S, -4.41E, -5.91W,	
38-12	1587+94.0	61.5' LT	4.15									1					-5.71W, -5.71SW,	
38-13	1587+94.0	56.8' LT	4.48														-5.81E,	
38-14	1589+92.0	7.5' RT	7.86		1												0.8S, 0.7W,	162
38-15	1589+92.0	51.5' LT	8.02							1							-1.95N, -4.05S, -2.05W, 2.15E,	
38-16	1589+92.0	61.5' LT	7.43									1					-1.85W, -1.85SW,	
38-17	1589+92.0	56.8' LT	7.81														-1.95E,	
39-01	1591+58.0	7.5' RT	9.92		1												0.98S, 0.98E, 0.88W,	162
39-02	1591+58.0	51.5' LT	10.08							1							0.78N, -1.67S, -0.17W, 0.33E,	
39-03	1591+58.0	61.5' LT	9.45									1					0.03N, 0.03W, 5.22S,	

DS-22

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE SCHEDULES
 PROPOSED STRUCTURES

SCALE: 1"=N.T.S. DRAWN BY: OC
 DATE: 07/07/05 CHECKED BY: DDM

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 CONSULTING ENGINEERS
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05/25/2005 03:49:47 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	143
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62302		• (1818, ETC, 2324.6-1)PR-9		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA	CB TA 4 DIA	CB TA 5 DIA	CB TA 5 DIA	CB TC 2 DIA	MAN TA 4 DIA	MAN TA 5 DIA	MAN TA 6 DIA	DR STR T1	DR STR T2	IN TB	IN TB	CB TA 4 DIA	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
				T1F OL	T2OF&G	T1F OL	T2OF&G	T2OF&G	T1F CL	T1F CL	T1F CL	W/2 T2OF&G	W/2 T22F&G	T1F OL	T2OF&G	T8C		
39-04	1591+58.0	56.8' LT	9.87														-0.07E,	
39-05	1593+00.0	7.5' RT	11.15		1												5.94W,	162
39-06	1593+00.0	51.5' LT	11.31							1							1.24N, 1.14S, 1.89W, 5.39E,	
39-07	1593+00.0	61.5' LT	10.65									1					T.B.D.	
39-08	1593+00.0	56.8' LT	11.10														1.99E,	
39-09	1594+18.0	7.5' RT	11.80		1												2.91W, 3.01E, 3.22S,	162
39-10	1594+18.0	51.5' LT	11.96							1							1.61S, 2.36E, 2.36W,	
39-11	1594+18.0	61.5' LT	11.27									1					2.56W, 2.56SW,	
39-12	1594+18.0	56.8' LT	11.75														2.46E,	
40-01	1597+49.0	7.5' RT	11.82		1												4.43E, 4.43NE, 4.33W,	162
40-02	1597+49.0	51.5' LT	11.98							1							3.28N, 3.78E, 3.78W,	
40-03	1597+49.0	61.5' LT	11.20									1					3.98N, 3.98W,	
40-04	1597+49.0	56.8' LT	11.77														3.88E,	
40-05	1598+49.0	7.5' RT	11.30		1												6.31W,	162
40-06	1598+49.0	51.5' LT	11.46							1							2.86N, 2.96S, 3.36W, 5.76E,	
40-07	1598+49.0	61.5' LT	10.66									1					3.56N, 3.56W,	
40-08	1598+49.0	56.8' LT	11.25														33.46E,	
40-09	1599+99.0	7.5' RT	10.07		1												5.14N, 5.04W,	162
40-10	1599+99.0	51.5' LT	10.23								1						0.29N, 2.49S, 1.79W, 4.49E,	
40-11	1599+99.0	61.5' LT	9.39									1					1.99W, 1.99N,	
40-12	1599+99.0	56.8' LT	10.02														1.89E,	
40-13	1601+78.0	7.5' RT	7.89		1												-1.06N, -1.16W,	162
40-14	1601+78.0	51.5' LT	8.05								1						-3.71N, -0.01S, -1.71W, -1.71E,	
40-15	1601+78.0	61.5' LT	7.16									1					-1.51SW, -1.51NW, -1.51N,	
40-16	1601+78.0	56.8' LT	7.84														-1.61E,	
41-01	1603+79.0	7.5' RT	4.51		1												-0.46N, -0.56W,	162
41-02	1603+79.0	51.5' LT	4.67								1						-8.91N, -4.01S, 6.41W, -1.11E,	
41-03	1603+79.0	61.5' LT	3.73									1					-6.21W, -6.21N,	
41-04	1603+79.0	56.8' LT	4.46														-6.31E,	
41-05	1605+79.0	7.5' RT	0.65		1												-4.51N, -4.61W,	162
41-06	1605+79.0	51.5' LT	0.81								1						-12.43N, -9.13S, -10.16W, -5.16E,	
41-07	1605+79.0	61.5' LT	-0.07									1					-9.96W, -9.96N,	
41-08	1605+79.0	56.8' LT	0.60														-10.06E,	
41-09	1607+10.0	61.5' LT	-1.52									1					-9.96W, -9.96N,	
41-10	1607+10.0	56.8' LT	-0.95														-10.06E,	
41-11	1607+43.0	51.5' LT	-0.95								1						-11.29N, -12.69S, -13.19E,	
41-12	1607+43.0	7.5' RT	-1.10									1					-13.25W, -14.95E, -10.25S,	162
41-13	1607+79.0	51.5' LT	-1.08									1					-11.26S, -11.26N,	
41-14	1607+95.0	7.5' RT	-1.26		1												-9.21E, -9.31N,	162
41-15	1607+95.0	56.8' LT	-1.32		1												-9.38N, -9.28NW, -9.28W,	
41-16	1607+10.0	51.5' LT	-0.74								1						-10.16W, -12.56S, -12.66N,	
41-17	1607+10.0	7.5' RT	-0.90		1												-9.97N, -10.25NE,	162
42-01	1608+30.0	7.8' RT	-1.28		1												-9.3SW,	162
42-02	1608+13.0	7.5' RT	-1.28	1													-9.55NW, -9.45E, -9.45S,	162
42-03	1608+13.0	51.5' LT	-1.12								1						-11.22S, -10.97E, -9.72W,	

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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED STRUCTURES

SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

DS-23
03/09/07 PM
06/29/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	588	144
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62302		* (1818, ETC, 2324.6-IPR-9		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T20F&G	CB TA 5 DIA TIF OL	CB TA 5 DIA T20F&G	CB TC 2 DIA T20F&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	IN TB TIF OL	IN TB T20F&G	CB TA 4 DIA T8G	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ. FT.)
42-04	1608+30.0	56.8' LT	-1.32		1												-9.39S,	
42-05	1608+13.0	56.8' LT	-1.33										1				-9.52N, -9.62E, -9.52S,	
42-06	1608+13.0	61.5' LT	-1.99														-9.52SW,	
42-07	1609+60.0	7.6' RT	-0.53		1												-5.64W, -5.54SE,	162
42-08	1609+60.0	51.5' LT	-0.37						1								-10.03N, -10.43S, -9.18W, -6.18E,	
42-09	1609+60.0	63.0' LT	-1.58		1												-8.98S, -8.98SW,	
42-10	1609+60.0	56.8' LT	-0.58		1												-9.08E,	
42-11	1611+43.0	4.2' RT	1.29		1												-7.86N, -7.96W,	162
42-12	1611+43.0	51.5' LT	1.31						1								-6.07N, -9.72S, -9.62W, -8.47E,	
42-13	1611+43.0	61.5' LT	0.01									1					-9.42SW, -9.42NW, -9.42N,	
42-14	1611+43.0	56.8' LT	1.10														-9.52E,	
42-15	1613+70.0	3.3' RT	3.08		1												-2.12W,	162
42-16	1613+70.0	51.5' LT	3.07						1								-5.34S, -2.64E, -4.84W,	
42-17	1613+70.0	61.5' LT	1.98									1					-4.64W,	
42-18	1613+70.0	56.8' LT	2.86														-4.74E,	
42-19	1608+21.4	3.5' RT	-1.11						1								-9.4NE, -9.65S, -10.65N, -10.9W,	
43-01	1617+15.0	4.8' RT	2.70		1												-2.42W,	162
43-02	1617+15.0	51.5' LT	2.75						1								-8.38N, -7.63W, -2.93E,	
43-03	1617+15.0	61.5' LT	1.51									1					-7.43W,	
43-04	1617+15.0	56.8' LT	2.54														-7.53E,	
43-05	1619+44.0	6.1' RT	0.52		1												-4.49S, -4.59W,	162
43-06	1619+44.0	51.5' LT	0.62						1								-9.35N, -8.85S, -8.1W, -5.1E,	
43-07	1619+44.0	61.5' LT	-0.95									1					-7.95W, -7.9W,	
43-08	1619+44.0	56.8' LT	0.41														-8E,	
44-01	1620+61.0	61.5' LT	-2.24									1					T.B.D.	
44-02	1620+61.0	56.8' LT	-0.78														-11.38E,	
44-03	1620+61.0	51.5' LT	-0.57						1								-9.83N, -9.53S, -11.48W, -11.58E,	
44-04	1620+61.0	6.8' RT	-0.70						1								-13.85N, -11.65W, -15.95E,	162
44-05	1621+98.4	7.6' RT	-1.99		1												-11.63SW,	162
44-06	1621+60.0	51.5' LT	-1.56						1								-9.41S, -9.16W,	
44-07	1621+60.0	61.5' LT	-3.31									1					-8.96SW,	
44-08	1621+60.0	56.8' LT	-1.77														-9.06E,	
44-09	1622+75.0	7.3' RT	-2.25		1												-7.48N,	162
44-10	1623+05.0	6.7' RT	-2.23		1												-7.51S,	162
44-11	1622+92.3	6.8' RT	-2.24	1													-7.61N, -7.61S, -7.71W, -7.61E,	162
44-12	1622+92.3	51.5' LT	-2.11						1								-12.76N, -13.51S, -11.76W, -8.26E,	
44-13	1622+75.0	63.4' LT	-3.77		1												T.B.D.	
44-14	1622+75.0	56.8' LT	-2.31		1												-11.43N,	
44-15	1623+05.0	62.9' LT	-3.78		1												T.B.D.	
44-16	1623+05.0	62.9' LT	-3.78		1												-11.46S,	
44-17	1622+92.3	63.4' LT	-3.77	1													-11.56SW, -11.56NW,	
44-18	1622+92.3	56.8' LT	-2.32	1													-11.56N, -11.56S, -11.66E,	
44-19	1624+05.0	6.2' RT	-1.81		1												-6.89N, -6.99W,	162
44-20	1624+05.0	51.5' LT	-1.71						1								-12.34N, -12.59S, -11.34W, -7.54E,	
44-21	1624+20.0	61.5' LT	-3.16									1					-10.94W,	

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F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED STRUCTURES

SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

DS-24
03/29/05

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	145
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		• (1818, ETC, 2324.6-IPR-9		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T20F&G	CB TA 5 DIA TIF OL	CB TA 5 DIA T20F&G	CB TC 2 DIA T20F&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	IN TB TIF OL	IN TB T20F&G	CB TA 4 DIA TBG	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
44-22	1624+20.0	56.8' LT	-1.80														-11.04S,	
44-23	1624+05.0	61.5' LT	-3.31		1												-11.14NW,	
44-24	1624+05.0	56.8' LT	-1.92		1												-11.14N, -11.24E,	
44-25	1621+88.4	3.5' RT	-1.77							1							-13.63NW, -13.73S, -11.73NE,	
44-26	1624+80.0	6.5' RT	-0.88		1													
45-01	1626+45.0	7.5' RT	0.20		1												-4.88S, -4.98W,	162
45-02	1626+45.0	51.5' LT	0.35							1							-11.93S, -5.53E, -10.93W,	
45-03	1626+25.0	61.5' LT	-0.97						1								-10.47SW, -10.57N,	
45-04	1626+58.0	61.5' LT	-0.62						1								-10.53NW, -10.63S,	
45-05	1626+45.0	61.5' LT	-0.75									1					-10.73N, -10.73S, -10.73W,	
45-06	1626+45.0	56.8' LT	0.14														-10.83E,	
45-07	1630+88.0	7.5' RT	0.18		1												-5.02W,	162
45-08	1630+88.0	51.5' LT	0.33						1								-7.72N, -6.97W, -5.57E,	
45-09	1631+28.0	7.5' RT	1.18		1													162
45-10	1630+88.0	56.8' LT	0.12		1												-6.87E, -6.77W,	
46-01	1632+42.0	7.5' RT	-1.35		1												-6.42SE, -6.52W,	162
46-02	1632+42.0	51.5' LT	-1.19							1							-9.42N, -8.22S, -8.67W, -7.07E,	
46-03	1633+10.0	7.5' RT	-0.35		1													162
46-04	1632+42.0	56.8' LT	-1.40		1												-8.57E, -8.47W,	
46-05	1633+90.0	7.5' RT	-2.81		1												-7.93W,	162
46-06	1633+90.0	51.5' LT	-2.65							1							-10.78N, -9.73S, -9.78W, -8.48E,	
46-08	1633+90.0	56.8' LT	-2.86		1												-9.68E, -9.58W,	
46-09	1635+05.0	7.5' RT	-3.93		1												-9.13W,	162
46-10	1635+05.0	51.5' LT	-3.77							1							-11.63N, -10.98S, -10.38W, -9.68E,	
46-12	1635+05.0	56.8' LT	-3.98		1												-10.28E,	
46-13	1636+30.0	10.4' RT	-4.50		1												T.B.D.	162
46-14	1636+45.0	10.9' RT	-4.50		1												-11.88SE, -11.98W,	162
46-15	1636+45.0	51.5' LT	-4.21							1							-14.53N, -11.83S, -12.73W, -12.53E,	
46-17	1636+30.0	56.8' LT	-4.44		1												-12.43N,	
46-19	1636+45.0	56.8' LT	-4.42		1												-12.63E, -12.53S, -12.53W,	
46-21	1637+42.0	56.8' LT	-3.89		1												-14.6E, -14.5W,	
46-22	1637+42.0	51.5' LT	-3.68								1						-14N, -14.65S, -14.7W, -17.7E,	
46-23	1637+42.0	11.3' RT	-3.99								1						-17.76W, -17.76E,	162
47-01	1638+85.0	11.2' RT	-2.05		1												-7.21W,	162
47-02	1638+85.0	51.5' LT	-1.74							1							-14.76 N, -14.76S, -7.26W, -7.76E,	
47-04	1638+85.0	56.8' LT	-1.95		1												-7.16E, -7.06W,	
47-05	1641+05.0	11.2' RT	2.01	1													-3.18W,	162
47-06	1641+05.0	51.5' LT	2.31							1							-14.03N, -14.53S, -5.73W, -3.73E,	
47-08	1641+05.0	56.8' LT	2.10		1												-5.63E, -5.53W,	
47-09	1643+13.0	7.0' RT	5.99	1													0.6W,	162
47-10	1643+13.0	54.3' LT	6.13							1							-13.77S, -13.52N, -2.67W, 0.03E,	
47-12	1643+13.0	59.6' LT	5.92		1												-2.57E, -12.07W,	
TOTALS				19	266	2	2	6	47	151	6	53	4	1	35	2		29175

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED STRUCTURES

SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

DS-25
06/25/2005
03:49:48 PM

SCHEDULE OF STORM SEWERS

FROM STRUCTURE	TO STRUCTURE	SLOPE %	SS CL A T1 12	SS CL A T1 15	SS CL A T1 18	SS CL A T1 21	SS CL A T1 27	SS CL A T2 12	SS CL A T2 15	SS CL A T2 18	SS CL A T2 21	SS CL A T2 24	SS CL A T2 27	SS CL A T2 30	SS CL A T2 33	SS CL A T2 36	SS CL A T2 42	SS CL A T2 48	SS CL A T3 21	SS CL A T3 24	SS CL A T3 27	SS CL A T3 30	SS CL A T3 36	TRENCH BACKFILL
1-01	1-02	0.45	104																					20.2
1-02	EXIST.	0.50						61																17.0
1-03	1-02	0.50	82																					12.5
1-04	EXIST.	1.00						61																17.0
1-05	1-04	1.00	80																					15.5
1-06	EXIST.	0.50							62															18.9
2-01	1-06	1.00	77																					18.2
2-02	2-11	1.00	71																					13.8
2-03	2-11	0.17																						12.7
2-04	2-03	0.17															36							32.6
2-05	2-04	0.21															111							5.3
2-06	2-05	0.32					24																	2.1
2-07	2-06	0.50	11																					2.1
2-08	2-09	0.50	11																					1.9
2-10	2-09	0.50	11																					1.9
2-09	2-06	0.32					63																	9.0
2-11	EXIST.	0.17																						47.0
3-01	3-01*	0.57	36										65											7.0
EXIST.	3-01*	0.22																						80.0
3-03	3-01*	1.00																						1.7
3-04	3-03	1.00					9																	27.7
3-06	3-04	1.00					146																	31.1
3-07	3-06	1.00					146																	44.6
4-01	EXIST.	0.50	189																					15.8
4-02	4-01	1.00	121																					20.9
4-03	4-04	0.50																						14.1
4-04	5-05*	1.00																						48.1
EXIST.	5-05*	0.15																						118.0
5-02	5-05*	1.00	26																					12.3
5-03	5-04	0.50	11																					1.7
5-04	5-06	3.00					51																	10.0
5-05	5-04	0.50	11																					9.0
5-07	5-06	0.50	11																					1.7
5-14	5-06	0.50	11																					1.7
5-06	5-08	3.00					6																	0.0
5-08	5-09	0.22																						0.0
5-09	5-13	0.13																						0.0
5-10	5-09	0.92	11																					0.0
5-11	5-10	4.77	52																					7.9
5-12	5-13	1.68	6																					0.0
5-16	5-09	0.50	3																					0.0
5-13	6-01	0.16																						0.0
6-01	6-08*	0.20																						0.0
6-03	6-01	4.12	10																					0.0
EXIST.	6-01	0.50	34																					0.0
6-04	6-01	1.20	2																					0.0
6-05	6-08*	1.22	9																					1.0
6-06	6-01	0.53																						0.0
6-07	6-06	2.51	4																					0.0
EXIST.	6-06	5.00	45																					0.0
7-01	7-02	4.47	43																					6.5
7-02	7-05	0.40																						163.4
7-03	7-02	1.44	7																					1.2
7-04	7-11	2.00	18																					0.0
7-05	7-08	0.30																						244.6
7-06	7-05	2.91	45																					6.8
7-07	7-08	2.50	4																					0.8
7-08	7-11*	0.15																						64.3
7-10	7-11*	0.50	9																					1.9
7-11	7-05	1.00					5																	1.0
8-02	7-08	0.14																						201.9
8-01	8-02	0.50																						11.6
8-03	8-02	1.00	2																					0.5
8-04	8-02	0.15																						77.2
8-05	8-04	0.50																						19.5
EXIST.	8-04	1.00																						1.9
EXIST.	8-04	1.00	44																					6.8
8-06	8-08	0.58	74																					11.3
EXIST.	8-08	2.20																						1.5
8-08	8-19*	0.15					8																	36.3
8-10	8-11	0.50	11																					1.7
8-11	8-13	4.00					2																	0.6
8-12	8-11	0.50	11																					1.7
8-13	8-08	0.37																						54.7
8-15	8-14	0.50	11																					1.7

NOTE: * INDICATED STRUCTURE HAS BEEN CONSTRUCTED IN CONTRACT 62300



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK		598	146
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-1)PR-9		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE SCHEDULE
 PROPOSED STORM SEWER PIPES
 SCALE: DRAWN BY:
 DATE: 7/7/05 CHECKED BY:

DS-26

06/27/2005 06:58:15 PM

SCHEDULE OF STORM SEWERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	150
STA.		TO STA.		
62302		* (1818, ETC, 2324.6-1)PR-9		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FROM STRUCTURE	TO STRUCTURE	SLOPE %	SS CL A T1 12	SS CL A T1 15	SS CL A T1 18	SS CL A T1 21	SS CL A T1 27	SS CL A T2 12	SS CL A T2 15	SS CL A T2 18	SS CL A T2 21	SS CL A T2 24	SS CL A T2 27	SS CL A T2 30	SS CL A T2 33	SS CL A T2 36	SS CL A T2 42	SS CL A T2 48	SS CL A T3 21	SS CL A T3 24	SS CL A T3 27	SS CL A T3 30	SS CL A T3 36	TRENCH BACKFILL
25-07	25-06	1.00	40																					7.8
25-08	25-07	1.03	66																					11.4
25-09	25-06	0.58									127													209.7
25-10	25-09	0.40		24																				5.1
25-11	25-09	0.58																	133					229.8
25-12	25-11	0.50	45																					8.7
25-13	25-11	0.90		2																				0.5
25-14	25-04	0.31												137										232.6
EXIST.	25-12	1.00	66																					10.0
EXIST.	25-13	0.90		29																				5.7
EXIST.	26-01	1.00						100																25.7
25-15	25-16	1.00	54																					9.2
25-16	25-06	1.00	1																					0.5
25-17	25-09	1.00	2																					0.5
26-01	26-02	0.64						58																16.1
26-02	26-04	0.64							16															6.0
26-04	26-03	0.48															167							290.9
EXIST.	26-06	0.50			7																			2.3
26-06	26-07	0.72									14													12.1
26-07	26-03	0.90									3													2.9
26-05	26-03	0.50	43																					8.3
26-08	26-11	0.60	17																					3.3
26-11	26-09	0.70																						0.5
26-09	27-02	0.30						2																132.3
26-10	26-09	0.50	42														74							9.3
26-03	26-09	0.48																						339.0
27-01	27-02	1.00			3																			0.7
27-02	27-04	0.15																						169.9
27-03	27-04	0.60	17																					3.7
27-04	27-07	0.2																						144.1
27-05	27-04	0.50	42																					7.8
27-06	27-07	0.90		2																				1.0
27-07	27-08	0.20																						43.0
27-08	27-14	0.20																						74.2
27-09	27-14	2.00	2																					1.0
27-10	27-12	1.00		45																				15.6
27-11	27-10	0.36		22																				18.3
27-12	28-08	0.15																						115.7
27-13	27-12	2.00	2																					1.0
27-14	27-12	0.40																						123.5
28-01	28-08	2.00	5																					1.0
28-03	28-04	0.50	11																					1.7
28-04	28-02	1.00		2																				1.0
28-09	28-02	2.00	8																					1.7
28-10	28-15	0.65						47																14.1
28-05	28-07	0.50	10																					1.7
28-06	28-07	2.00		3																				1.0
28-07	28-02	0.17																						36.0
28-08	28-02	0.17																						41.5
28-14	28-13	0.50	3																					0.9
28-15	28-13	0.22																						95.2
28-13	28-02	0.11																						44.6
28-12	28-11	0.60	53																					9.2
28-11	28-06	0.82	11																					1.7
1530+00	28-15	0.10														70								

NOTE: * INDICATED STRUCTURE HAS BEEN CONSTRUCTED IN CONTRACT 62300



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	F.A.I. 94/90 (DAN RYAN EXPRESSWAY)	
		31ST STREET TO 71ST STREET	
		SB EXPRESS LANE RECONSTRUCTION	
		DRAINAGE SCHEDULE	
		PROPOSED STORM SEWER PIPES	
		SCALE:	DRAWN BY:
		DATE: 7/7/05	CHECKED BY:

DS-30

06/27/2005 07:50:54 PM

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)	
29-02	28-15	13.0	36	0.10%														13.0											15.0		
29-06	29-02	128.0	36	0.10%																								128.0	204.4		
29-10	29-06	122.0	36	0.10%														122.0											216.0		
29-15	29-10	135.0	36	0.10%																								135.0	242.2		
29-19	29-15	60.0	33	0.11%																							60.0	105.1			
29-22	29-19	60.0	33	0.11%																							60.0	106.4			
30-02	29-22	118.5	30	0.13%																							118.5	208.7			
30-07	30-02	102.1	30	0.13%																							102.1	189.6			
30-11	30-07	121.5	24	0.17%																								121.5	192.1		
30-17	30-11	131.8	18	0.25%																								131.8	166.9		
30-14	30-17	29.3	18	0.25%																								29.3	34.2		
30-18	30-14	62.2	12	0.44%						62.2																			47.4		
31-02	30-18	168.3	12	0.44%						168.3																			135.4		
EX P	29-03	2.1	12	3.54%																								2.1	0.2		
29-04	29-02	0.8	12	1.00%																									0.8		
29-01	29-02	42.9	12	1.00%																									42.9	39.2	
29-08	29-06	0.8	12	1.00%																									0.8		
29-05	29-06	43.1	12	1.00%						43.1																				9.2	
EX P	29-11	5.7	12	0.43%																									5.7	4.0	
29-12	29-10	0.8	12	1.00%																									0.8		
29-09	29-10	43.5	12	1.00%																									43.5	53.1	
EX P	29-14	11.3	12	0.55%																									11.3	7.3	
29-14	29-15	0.8	12	1.00%																									0.8		
29-13	29-15	42.5	12	1.00%						42.5																				4.7	
29-18	29-19	0.8	12	1.00%																									0.8		
29-16	29-19	42.5	12	1.00%																									42.5	58.8	
EX P	29-17	3.9	12	1.00%																									3.9	2.8	
EX P	29-21	12.6	18	0.30%																									12.6	13.1	
29-21	29-22	0.8	12	1.00%																									0.8		
29-20	29-22	42.5	12	1.00%						42.5																				3.9	
EX P	30-03	8.8	12	0.55%																									8.8	6.8	
30-04	30-02	0.8	12	1.00%																									0.8		
30-01	30-02	42.5	12	1.00%						42.5																				6.4	
EX P	30-06	8.8	12	1.00%																									8.8	7.3	
30-06	30-07	0.8	12	1.00%																									0.8		
30-05	30-07	42.5	12	1.00%																									42.5	70.6	
EX P	30-09	8.7	12	0.49%																									8.7	6.9	
30-10	30-11	0.8	12	1.00%																									0.8		
30-08	30-11	42.5	12	1.00%						42.5																				6.9	
EX P	30-12	2.0	12	0.43%																									2.0	0.3	
30-13	30-14	1.3	12	1.00%						1.3																					
30-15	30-17	7.1	12	1.00%																									7.1	6.4	
30-16	30-17	43.0	12	1.00%																									43.0	56.5	
EX CB	30-18	8.2	12	1.00%																									8.2	2.0	
EX P	31-03	15.3	15	0.32%																									15.3	8.8	

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
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NOTE: DMH= DROP MANHOLE
JC = JUNCTION CHAMBER
EX P = EXISTING STORM SEWER
EX IN = EXISTING INLET
EX CB = EXISTING CATCH BASIN
EX MH = EXISTING MANHOLE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED STORM SEWER PIPES
SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	152
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		(1818, ETC, 2324.6-1P)R-9		

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
31-01	31-02	23.0	12	1.00%						23.0																				1.7
31-03	31-02	1.3	12	1.00%						1.3																				
32-13	JC 32-01		42	0.10%															0.0											
33-19	32-13	127.2	33	0.11%											127.2															127.8
33-20	33-19	49.7	27	0.15%									49.7																	38.6
33-04	33-19	48.9	18	0.25%								48.9																		31.5
33-12	33-20	109.3	24	0.17%										109.3																70.0
33-16	33-12	140.0	21	0.21%									140.0																	92.7
34-02	33-16	195.5	15	0.32%							195.5																			71.6
32-14	32-13	56.7	42	0.10%															56.7											49.0
32-10	32-14	213.0	36	0.11%														213.0												123.8
32-06	32-10	149.0	30	0.13%													149.0													128.1
32-02	32-06	148.0	30	0.15%													148.0													194.2
31-09	32-02	187.0	21	0.21%									187.0																	183.3
31-05	31-09	165.5	15	0.32%								165.5																		184.0
31-07	31-05	1.3	12	1.00%						1.3																				
31-13	31-05	21.9	12	1.00%						21.9																				5.8
31-04	31-13	47.4	12	1.00%						47.4																				11.3
EX P	31-10	2.1	15	0.32%																							2.1		0.3	
31-11	31-09	0.8	12	1.00%						0.8																				
31-12	31-09	19.3	12	1.00%						19.3																				2.5
31-08	31-12	46.5	12	1.00%						46.5																				3.7
EX P	32-03	1.0	15	0.51%																							1.0			
32-04	32-02	0.8	12	1.00%						0.8																				
32-17	32-02	18.3	12	1.00%						18.3																				3.0
32-01	32-17	44.4	12	1.00%						44.4																				5.5
EX CB	32-01	12.6	12	1.00%						12.6																				1.1
32-08	32-06	0.8	12	1.00%						0.8																				
32-05	32-06	64.1	12	1.00%						64.1																				7.1
EX P	32-11	4.2	18	0.25%			4.2																							0.5
32-12	32-10	0.8	12	1.00%						0.8																				
32-09	32-10	61.4	12	1.00%						61.4																				18.0
EX CB	32-09	2.8	12	1.00%						2.8																				0.4
32-16	32-14	0.8	12	1.00%						0.8																				
EX CB	33-05	1.2	12	1.00%																							1.2			
33-10	33-04	0.8	12	1.00%						0.8																				
33-06	33-10	25.0	12	1.00%						25.0																				8.2
33-08	33-10	33.0	12	1.00%						33.0																				11.0
EX CB	33-07	1.4	12	1.00%																							1.4			
33-03	33-19	1.5	12	1.00%						1.5																				
33-01	33-03	25.0	12	1.00%						25.0																				7.7
33-02	33-20	14.2	12	1.00%						14.2																				4.2
EX CB	33-02	0.6	12	1.00%						0.6																				
EX CB	33-13	0.5	12	1.00%																							0.5			
33-14	33-12	0.8	12	1.00%						0.8																				

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NOTE: DMH= DROP MANHOLE
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE SCHEDULES
 PROPOSED STORM SEWER PIPES
 SCALE: 1"=N.T.S. DRAWN BY: OC
 DATE: 07/07/05 CHECKED BY: DDM

03/29/05 03:49:48 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	153
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62302		• (1818, ETC, 2324.6-1PR-9		

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)	
33-11	33-12	54.5	12	1.00%						54.5																				6.2	
EX CB	33-17	1.7	12	1.01%																								1.7		0.0	
33-18	33-16	0.8	12	1.00%						0.8																					
33-15	33-16	54.5	12	1.00%						54.5																				6.2	
EX CB	34-03	1.7	12	1.00%																								1.7		0.0	
34-04	34-02	1.3	12	1.00%						1.3																					
34-01	34-02	55.0	12	1.00%						55.0																				5.5	
35-18	JC 35-01		42	0.10%																0.0											
35-17	35-18	54.0	36	0.10%														54.0												59.4	
35-20	35-17	180.0	27	0.17%											180.0															192.8	
36-02	35-20	210.5	18	0.25%								210.5																		152.7	
36-05	36-02	123.0	18	0.44%								123.0																		82.4	
35-08	35-17	59.2	21	0.21%									59.2																	47.8	
35-02	35-08	86.3	15	0.32%							86.3																			29.0	
35-23	35-18	59.7	27	0.15%												59.7														51.5	
35-24	35-23	98.6	27	0.15%												98.6														85.2	
34-10	35-24	170.9	24	0.17%										170.9																166.7	
34-06	34-10	200.0	18	0.25%											200.0															183.7	
EX CB	34-07	2.0	12	1.00%																								2.0		0.1	
EX P	34-07	8.1	24	0.17%					8.1																					2.7	
34-05	34-06	54.5	12	1.00%						54.5																					6.4
34-08	34-06	0.8	12	1.00%						0.8																					
EX CB	34-11	2.3	12	1.00%																									2.3		0.2
34-12	34-10	0.8	12	1.00%						0.8																					
EX CB	35-03	2.9	12	1.00%																									2.9		0.1
35-03	35-04	1.6	12	1.00%						1.6																					
35-04	35-02	0.8	12	1.00%						0.8																					
35-01	35-24	9.1	12	1.00%						9.1																					2.8
35-14	35-08	0.8	15	1.00%								0.8																			
EX CB	35-09	4.2	12	1.00%																									4.2		0.7
35-10	35-14	11.6	12	1.00%						11.6																					3.9
35-12	35-14	10.4	12	1.00%						10.4																					3.4
35-07	35-23	1.4	15	1.00%								1.4																			
35-05	35-07	11.6	12	1.00%						11.6																					3.7
35-06	35-07	10.4	12	1.00%						10.4																					3.3
35-16	35-17	0.8	12	1.00%						0.8																					
EX CB	35-21	3.0	12	1.00%																									3.0		0.5
35-22	35-20	0.8	12	1.00%						0.8																					
35-19	35-20	54.5	12	1.00%						54.5																					38.5
EX CB	36-03	1.5	12	1.00%																									1.5		
36-04	36-02	0.8	12	1.00%						0.8																					
36-01	36-02	54.5	12	1.00%						54.5																					5.9
EX P	36-05	13.8	12	0.43%																									13.8		4.2
EX CB	35-07	0.9	12	1.00%						0.9																					
EX CB	35-15	6.4	12	1.00%																									6.4		0.9

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NOTE: DMH= DROP MANHOLE
 JC = JUNCTION CHAMBER
 EX P = EXISTING STORM SEWER
 EX IN = EXISTING INLET
 EX CB = EXISTING CATCH BASIN
 EX MH = EXISTING MANHOLE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE SCHEDULES
 PROPOSED STORM SEWER PIPES
 SCALE: 1"=N.T.S. DRAWN BY: OC
 DATE: 07/07/05 CHECKED BY: DDM

03-09-09 PM 06/29/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	154
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		* (1818, ETC, 2324,6-1PR-9		

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
EX CB	35-19	1.9	12	1.00%						1.9																				0.1
37-04	JC 37-01		36	0.10%														0.0												
37-03	37-04	54.0	36	0.10%														54.0												78.6
37-02	37-03	0.8	12	1.00%						0.8																				
37-06	37-03	139.0	27	0.15%											139.0															155.0
37-12	37-06	44.0	21	0.21%									44.0																	35.3
37-20	37-12	136.6	12	0.44%						136.6																				30.2
36-11	37-03	235.0	30	0.17%												235.0														267.6
36-14	36-11	134.5	21	0.44%										134.5																88.2
36-07	36-14	110.5	21	0.44%										110.5																83.2
EX CB	37-04	28.7	12	1.00%						28.7																				27.1
EX CB	37-01	24.2	12	1.00%																							24.2			8.3
EX CB	36-14	8.5	12	1.00%																							8.5			1.3
EX P	36-08	4.4	12	0.43%																							4.4			0.7
36-09	36-07	0.8	12	1.00%						0.8																				
36-06	36-07	54.5	12	1.00%						54.5																				6.1
EX CB	36-06	22.8	12	1.00%						22.8																				
EX CB	36-12	1.2	12	1.00%																							1.2			
36-13	36-11	0.8	12	1.00%						0.8																				
36-10	36-11	54.5	12	1.00%						54.5																				5.4
EX CB	37-07	1.5	12	1.00%																							1.5			
37-08	37-06	0.8	12	1.00%						0.8																				
37-05	37-06	54.5	12	1.00%						54.5																				6.2
37-18	37-12	0.8	15	1.00%							0.8																			
37-14	37-18	10.0	12	1.00%						10.0																				5.1
37-16	37-18	12.1	12	1.00%						12.1																				6.4
EX IN	37-15	2.7	12	1.00%																							2.7			0.3
37-11	37-12	54.5	15	1.00%							54.5																			34.3
37-10	37-11	12.0	12	1.00%						12.0																				3.7
37-09	37-11	10.0	12	1.00%						10.0																				3.0
EX CB	37-10	6.7	12	1.00%						6.7																				1.6
37-22	37-20	1.3	12	1.00%						1.3																				
37-21	37-22	2.2	12	1.00%						2.2																				0.1
EX P	37-21	4.3	12	1.00%																							4.3			0.2
37-19	37-20	55.0	12	1.00%						55.0																				6.3
38-05	JC 38-01		48	0.10%																0.0										
38-03	38-05	53.0	48	0.10%																53.0										43.3
38-07	38-03	178.5	42	0.10%															178.5											221.5
38-11	38-07	196.0	36	0.11%															196.0											222.7
38-15	38-11	193.0	36	0.13%															193.0											216.2
39-02	38-15	161.0	30	0.17%											161.0															191.3
39-06	39-02	137.5	21	0.25%									137.5																	126.4
39-10	39-06	114.0	21	0.32%									114.0																	114.9
EX CB	39-11	7.2	12	1.00%																							7.2			1.2
EX P	39-11	4.6	12	2.00%																							4.6			0.9

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED STORM SEWER PIPES
SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

03/09/05 PM

SCHEDULE OF STORM SEWERS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	155
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		1818, ETC, 2324.6-1PR-9		

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
39-12	39-10	2.6	12	1.00%						1.3																				
EX IN	39-09	14.3	12	1.00%						7.3																				0.8
39-09	39-10	1.3	12	1.00%						55.0																				42.1
39-08	39-06	55.0	12	1.00%						1.3																				
39-05	39-06	8.2	12	1.00%						55.0																				6.5
39-04	39-02	2.0	12	1.00%						0.8																				
EX CB	39-03	1.3	12	1.00%																								6.9	1.3	
EX P	39-03	55.0	12	2.00%																								3.8	0.6	
EX P	39-03	8.3	12	1.40%																								10.1	5.4	
EX IN	39-01	1.9	12	1.00%						15.5																			2.2	
39-01	39-02	1.3	12	1.00%						54.5																				43.0
EX CB	38-16	55.0	12	1.00%																								6.5	1.2	
EX P	38-16	8.9	12	2.00%																								1.0		
38-17	38-15	2.1	12	1.00%						0.8																				
38-14	38-15	1.3	12	1.00%						54.5																				17.2
EX IN	38-14	55.0	12	1.00%						14.7																				0.8
EX CB	38-12	55.4	12	1.00%																								7.7	1.7	
EX P	38-12	36.0	12	2.00%																								4.5	1.0	
38-13	38-11	126.0	12	1.00%						0.8																				
38-10	38-11	196.0	12	1.00%						54.5																				37.5
EX IN	38-10	191.0	12	1.00%						13.7																				1.6
EX CB	38-08	181.0	12	1.00%																								7.3	1.5	
EX P	38-08	146.0	12	2.00%																								4.6	0.9	
38-09	38-07	96.0	12	1.00%						0.8																				
38-06	38-07	59.9	12	1.00%						54.5																				48.5
EX IN	38-06	142.1	12	1.00%						13.8																				10.0
EX P	38-05	181.0	12	1.00%						8.0																				8.3
EX IN	38-05	221.0	12	1.00%																		28.6								45.5
38-02	38-03	55.0	12	1.00%						0.3																				
EX P	38-01	1.3	12	2.00%																								12.0	1.4	
41-12	JC 41-01	2.0	48	0.10%																	0.0									
41-11	41-12	6.8	48	0.10%																	53.0									79.9
41-13	41-11	55.0	33	0.11%													30.5													30.8
42-03	41-13	1.3	33	0.11%													29.0													28.4
42-19	42-03	2.0	30	0.13%												50.7														47.4
42-08	42-19	7.1	27	0.15%											144.1															136.9
42-12	42-08	55.0	27	0.17%											178.0															190.1
42-16	42-12	1.3	18	0.32%										222.5																85.4
41-16	41-11	2.0	42	0.10%																	27.5									37.7
41-06	41-16	6.6	42	0.10%																	126.0									204.8
41-02	41-06	55.0	42	0.11%																	195.0									278.5
40-14	41-02	1.3	36	0.15%																										204.5
40-10	40-14	4.0	30	0.17%												174.0														134.7
40-06	40-10	2.7	18	0.25%												145.5														90.6
40-02	40-06	55.0	18	0.32%												96.0														66.8

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE SCHEDULES
 PROPOSED STORM SEWER PIPES

SCALE: 1"=N.T.S. DRAWN BY: OC
 DATE: 07/07/05 CHECKED BY: DDM

DS-35
03/29/05

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	156
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-1PIR-9		

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
EX P	40-03	3.9	12	1.00%																								3.9	0.4	
EX CB	40-03	6.6	12	1.00%																								6.6	0.6	
40-04	40-02	1.3	12	1.00%						1.3																				
40-01	40-02	55.0	12	1.00%						55.0																			19.2	
EX CB	40-01	6.7	12	1.00%						6.7																			0.7	
EX P	40-07	4.6	12	2.00%																							4.6	0.6		
EX CB	40-07	6.6	12	1.00%																							6.6	0.6		
40-08	40-06	1.3	12	1.00%						1.3																				
40-05	40-06	55.0	12	1.00%						55.0																			5.2	
EX P	40-11	4.6	12	2.00%																		131.8					4.6	0.9		
EX CB	40-11	6.7	12	1.00%																		29.3					6.7	1.1		
40-12	40-10	0.8	12	1.00%						0.8																				
40-09	40-10	54.5	12	1.00%						54.5																			5.4	
EX IN	40-09	6.6	12	1.00%						6.6																				
EX P	40-15	10.5	12	2.00%																							10.5	2.6		
EX P	40-15	12.6	12	2.00%																							12.6	4.0		
EX CB	40-15	17.3	12	1.00%																							17.3	3.3		
40-16	40-14	0.8	12	1.00%						0.8																				
40-13	40-14	54.5	12	1.00%						54.5																			43.1	
EX IN	40-13	3.8	12	1.00%						3.8																			0.4	
EX P	41-03	4.6	12	2.00%																							4.6	1.0		
EX CB	41-03	7.0	12	1.00%																							7.0	1.5		
41-04	41-02	0.8	12	1.00%						0.8																				
41-01	41-02	54.5	12	1.00%						54.5																			5.6	
EX IN	41-01	4.4	12	1.00%						4.4																				
EX P	41-07	4.5	12	2.00%																							4.5	1.0		
EX CB	41-07	7.0	12	1.00%																							7.0			
41-08	41-06	0.8	12	1.00%						0.8																				
41-05	41-06	54.5	12	1.00%						54.5																			6.7	
EX IN	41-05	4.1	12	1.00%						4.1																				
EX P	41-09	4.5	12	2.00%																							4.5	0.7		
EX CB	41-09	20.6	12	1.00%																							20.6	3.6		
41-10	41-16	0.8	12	1.00%						0.8																				
41-17	41-12	28.0	12	1.00%						28.0																			21.8	
EX IN	41-17	3.0	12	1.00%						3.0																			0.3	
EX P	41-15	9.6	12	2.00%																							9.6	2.0		
EX IN	41-15	7.8	12	1.00%																							7.8	0.4		
EX IN	42-06	3.9	12	1.00%																							3.9	0.1		
42-05	42-03	0.8	15	1.00%							0.8																			
41-15	42-05	14.0	12	1.00%						14.0																			4.8	
42-04	42-05	13.0	12	1.00%						13.0																			4.4	
EX IN	42-02	0.7	12	1.00%						0.7																				
EX CB	42-09	7.4	12	1.00%																							7.4	0.8		
EX P	42-09	5.4	12	2.00%																							5.4	0.7		
42-09	42-10	2.2	12	1.00%						2.2																			0.2	

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED STORM SEWER PIPES
SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	157
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-1)R-9		

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
42-02	42-19	4.8	15	1.00%						4.8																				2.1
41-14	42-02	14.0	12	1.00%						14.0																				4.8
EX IN	41-14	1.8	12	1.00%						1.8																				0.0
42-01	42-19	5.1	12	1.00%						5.1																				1.4
42-10	42-08	0.8	12	1.00%						0.8																				
42-07	42-08	54.6	12	1.00%						54.6																				5.8
EX IN	42-07	3.8	12	1.00%						3.8																				0.2
EX P	42-13	6.4	12	0.20%																							6.4			4.1
EX P	42-13	6.6	12	2.00%																							6.6			1.6
EX CB	42-13	10.2	12	1.00%																							10.2			2.2
42-14	42-12	0.8	12	1.00%						0.8																				
42-11	42-12	51.2	12	1.00%						51.2																				41.2
EX CB	42-11	25.1	12	1.00%						25.1																				6.2
EX CB	42-17	2.0	12	1.00%																							2.0			
42-18	42-16	1.3	12	1.00%						1.3																				
42-15	42-16	50.8	12	1.00%						50.8																				5.4
44-04	JC 44-01		42	0.10%																										
44-03	44-04	53.3	36	0.13%														53.3												76.8
44-02	44-03	0.8	12	1.00%																		0.8								
44-06	44-03	95.0	18	0.44%																			95.0							110.4
44-25	44-04	122.4	36	0.10%																										196.7
44-12	44-25	112.6	36	0.10%																										155.4
44-20	44-12	107.7	27	0.15%											107.7															123.9
45-02	44-20	235.0	24	0.17%																						235.0				301.5
43-06	44-03	116.0	27	0.15%											116.0															101.7
43-02	43-06	224.0	21	0.21%										224.0																231.2
EX CB	43-03	1.2	12	1.00%																								1.2		
43-04	43-02	0.8	12	1.00%						0.8																				
43-01	43-02	51.9	12	1.00%						51.9																				5.2
EX CB	43-07	7.7	12	1.00%																								7.7		0.7
EX P	43-07	4.6	15	1.00%																								4.6		0.7
43-08	43-06	0.8	12	1.00%						0.8																				
43-05	43-06	53.1	12	1.00%						53.1																				5.4
EX CB	43-05	19.5	12	1.00%						19.5																				0.5
EX CB	44-07	8.5	12	1.00%																								8.5		1.3
44-08	44-06	1.3	12	1.00%						1.3																				
44-05	44-25	6.4	12	1.00%						6.4																				4.1
44-18	44-12	0.8	15	1.00%							0.8																			
44-14	44-18	13.3	12	1.00%						13.3																				9.1
44-13	44-14	2.6	12	1.00%						2.6																				0.4
44-16	44-18	8.7	12	1.00%						8.7																				3.0
44-15	44-16	2.1	12	1.00%						2.1																				0.2
44-17	44-18	2.6	12	1.00%						2.6																				0.4
EX CB	44-17	4.7	12	1.00%																								4.7		0.5
EX P	44-17	3.0	15	1.50%																								3.0		0.4

NOTE: DMH= DROP MANHOLE
 JC = JUNCTION CHAMBER
 EX P = EXISTING STORM SEWER
 EX IN = EXISTING INLET
 EX CB = EXISTING CATCH BASIN
 EX MH = EXISTING MANHOLE

BOWMAN, BARRETT & ASSOCIATES INC.
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE SCHEDULES
 PROPOSED STORM SEWER PIPES
 SCALE: 1"=N.T.S. DRAWN BY: OC
 DATE: 07/07/05 CHECKED BY: DDM

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m:\660\road\94\11\5\sheds\660_157\9490.dgn 03-09-05 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	158
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-IP1R-9		

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)		SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
44-11	44-12	53.1	15	1.00%	7.1						53.1																				7.1
44-09	44-11	13.3	12	1.00%	1.1						13.3																				1.1
44-10	44-11	8.7	12	1.00%	0.7						8.7																				0.7
EX IN	44-11	2.3	12	1.00%	0.1						2.3																				0.1
EX P	44-23	3.5	12	0.20%	0.4																							3.5		0.4	
EX CB	44-21	1.8	12	1.00%	0.0																							1.8		0.0	
44-24	44-20	0.8	12	1.00%							0.8																				
44-22	44-24	11.0	12	1.00%	7.3						11.0																				7.3
44-19	44-20	53.3	12	1.00%	6.0						53.3																				6.0
EX IN	44-19	9.3	12	1.00%	0.0						9.3																				0.0
44-26	44-19	71.0	12	1.00%	5.8						71.0																				5.8
EX CB	44-26	9.2	12	1.00%	0.9						9.2																				0.9
45-03	45-05	16.0	12	1.00%	12.6						16.0																				12.6
45-04	45-05	9.0	12	1.00%	6.7						9.0																				6.7
EX P	45-03	7.8	12	3.20%	4.4																							7.8		4.4	
EX CB	45-05	1.9	12	1.00%	0.1																							1.9		0.1	
EX P	45-04	6.3	12	2.00%	2.0																							6.3		2.0	
EX CB	45-01	11.1	12	1.00%	0.8						11.1																				0.8
45-06	45-02	0.8	12	1.00%																		0.8									
45-01	45-02	54.5	12	1.00%	6.2						54.5																				6.2
46-23	JC 46-01		48	0.10%																		0.0									
46-22	46-23	56.8	48	0.10%	112.9																	56.8									112.9
46-21	46-22	0.3	12	1.00%							0.3																				
47-02	46-22	134.5	36	0.10%	202.1																										202.1
47-06	47-02	215.0	36	0.10%	261.9																										261.9
47-10	47-06	204.3	30	0.13%	392.2																						204.3				392.2
46-15	46-22	91.5	33	0.11%	104.0																										104.0
46-10	46-15	135.0	27	0.15%	47.4																										47.4
46-06	46-10	110.0	24	0.17%	38.4											110.0															38.4
46-02	46-06	143.0	21	0.21%	50.4																										50.4
45-08	46-02	149.5	21	0.32%	50.4																										50.4
EX	47-10		27	0.15%																											
EX MH	47-12	1.4	12	1.00%																									1.4		
47-12	47-10	0.8	12	1.00%							0.8																				
47-09	47-10	57.4	12	1.00%	7.8						57.4																				7.8
EX MH	47-08	6.0	12	1.00%	1.3																							6.0		1.3	
47-08	47-06	0.8	12	1.00%							0.8																				
47-05	47-06	58.2	12	1.00%	7.0						58.2																				7.0
EX P	47-04	7.3	12	1.40%	0.4																							7.3		0.4	
47-04	47-02	0.8	12	1.00%							0.8																				
47-01	47-02	58.3	12	1.00%	6.9						58.3																				6.9
46-17	46-19	11.0	12	1.00%	3.6						11.0																				3.6
46-19	46-15	0.8	15	1.00%												0.8															
EX MH	46-19	4.9	12	1.00%	1.2																							4.9		1.2	
46-13	46-14	11.0	12	1.00%	2.8						11.0																				2.8

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE SCHEDULES
PROPOSED STORM SEWER PIPES
 SCALE: 1"=N.T.S. DRAWN BY: OC
 DATE: 07/07/05 CHECKED BY: DDM

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NOTE: DMH= DROP MANHOLE
 JC = JUNCTION CHAMBER
 EX P = EXISTING STORM SEWER
 EX IN = EXISTING INLET
 EX CB = EXISTING CATCH BASIN
 EX MH = EXISTING MANHOLE

05/19/05 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	159
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		• (1818, ETC, 2324.6-1PR-9		

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)		
46-14	46-15	57.9	15	1.00%						57.9																				21.2		
EX CB	46-14	6.6	12	1.00%						6.6																				4.1		
46-12	46-10	0.8	12	1.00%						0.8																						
46-09	46-10	54.5	12	1.00%						54.5																				6.3		
EX CB	46-08	4.5	12	1.00%																							4.5			0.2		
46-08	46-06	0.8	12	1.00%						0.8																						
46-05	46-06	54.5	12	1.00%						54.5																						
EX CB	46-05	10.9	12	1.00%						10.9																					1.1	
46-04	46-02	0.8	12	1.00%						0.8																						
46-01	46-02	54.5	12	1.00%						54.5																					6.2	
46-03	46-01	64.0	12	1.00%						64.0																					5.5	
EX IN	46-01	3.8	12	1.00%						3.8																						
EX CB	46-03	6.2	12	1.00%						6.2																						0.2
45-10	45-08	1.3	12	1.00%						1.3																						
45-07	45-08	55.0	12	1.00%						55.0																						6.4
45-09	45-07	36.0	12	1.00%						36.0																						3.6
EX CB	45-09	8.1	12	1.00%						8.1																						0.6
EX CB	45-10	3.7	12	1.00%																								3.7			0.2	
EX CB	46-04	3.1	12	1.00%																								3.1			0.2	
EX MH	46-21	5.0	12	1.00%																								5.0			3.2	
TOTALS					4684	1041	29	202	9	4615	1117	2126	3557	1479	1786	2688	279	3886	1623	163	259	257	133	357	442	120	321	486	26	23905		

NOTE: DMH= DROP MANHOLE
 JC = JUNCTION CHAMBER
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REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE SCHEDULES
 PROPOSED STORM SEWER PIPES

SCALE: 1"=N.T.S. DRAWN BY: OC
 DATE: 07/07/05 CHECKED BY: DDM

03/46/02 PM 06/29/2005

SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION		OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)
1530+14.0	1530+00.0	RT	14.0	JOB LIMIT	5.5
1530+12.5	1530+00.0	LT	12.5	JOB LIMIT	
1531+44.0	1530+15.0	RT	129.0	29-01	5.5
1531+42.5	1530+16.5	LT	126.0	29-04	
1532+69.0	1531+45.0	RT	124.0	29-05	5.5
1532+67.5	1531+46.5	LT	121.0	29-08	
1533+31.7	1532+70.0	RT	61.7	29-09	5.5
1534+09.0	1533+43.6	RT	65.4		5.5
1533+10.7	1532+70.0	LT	40.7	29-12	
1534+07.2	1533+22.8	LT	84.4		
1534+74.0	1534+10.0	RT	64.0	29-13	5.5
1534+72.5	1534+12.0	LT	60.5	29-14	
1535+39.0	1534+75.0	RT	64.0	29-16	5.5
1535+37.2	1534+76.5	LT	60.7	29-18	
1536+64.0	1535+40.0	RT	124.0	29-20	5.5
1536+62.5	1535+42.0	LT	120.5	29-21	
1537+74.0	1536+65.0	RT	109.0	30-01	5.5
1537+72.2	1536+66.5	LT	105.7	30-04	
1539+04.0	1537+75.0	RT	129.0	30-05	6.0
1539+02.5	1537+77.0	LT	125.5	30-06	
1540+42.5	1540+12.0	LT	30.5		
1540+42.2	1539+06.5	LT	135.7	30-10	
1540+44.0	1539+05.0	RT	139.0	30-08	6.0
1542+62.8	1540+45.0	RT	217.8	30-16	6.0
1542+63.8	1544+85.0	RT	221.2	31-04	6.0
1544+40.8	1542+93.0	LT	147.8	31-03	
1544+40.8	1544+83.5	LT	42.7	31-07	
1542+97.8	1540+43.5	LT	254.3	30-13	
1544+86.0	1546+55.0	RT	169.0	31-08	6.0
1544+87.5	1546+53.5	LT	166.0	31-11	
1546+56.0	1548+47.0	RT	191.0	32-01	6.0
1546+57.5	1548+45.5	LT	188.0	32-04	
1548+48.0	1550+00.0	RT	152.0	32-05	6.0
1548+49.5	1549+98.5	LT	149.0	32-08	
1550+01.0	1551+54.0	RT	153.0	32-09	6.0
1550+02.5	1551+52.5	LT	150.0	32-12	
1551+55.0	1553+59.0	RT	204.0	32-13	6.0
1551+56.5	1553+57.5	LT	201.0	32-16	
1553+60.0	1555+04.0	RT	144.0	33-03	6.0
1553+61.5	1554+73.5	LT	112.0	33-06	
1554+77.5	1555+02.5	LT	25.0	33-10	
1555+38.5	1555+05.5	LT	33.0	33-10	
1556+59.0	1555+04.0	RT	155.0	33-03	6.0
1555+03.0	1555+41.0	RT	38.0	33-08	6.0
1558+04.0	1556+60.0	RT	144.0	33-11	6.0
1558+02.5	1555+06.0	LT	296.5	33-03	
1560+04.0	1558+05.0	RT	199.0	33-15	6.0
1560+02.5	1558+06.5	LT	196.0	33-18	

SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION		OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)
1561+39.7	1560+05.0	RT	134.7	34-01	6.0
1561+39.7	1560+06.5	LT	133.2	34-04	
1561+40.7	1562+90.0	RT	149.3	34-05	6.0
1561+40.7	1562+88.5	LT	147.8	34-08	
1562+91.0	1566+75.0	RT	384.0	35-01	6.0
1562+92.5	1564+93.5	LT	201.0	34-12	
1564+97.5	1566+73.5	LT	176.0	35-04	
1566+76.0	1567+65.6	RT	89.6	35-07	6.0
1566+77.5	1567+48.5	LT	71.0	35-10	
1567+52.5	1567+64.1	LT	11.6	35-14	
1567+77.5	1567+67.1	LT	10.4	35-14	
1568+22.5	1567+81.5	LT	41.0	35-12	
1568+24.0	1567+65.6	RT	58.4	35-07	6.0
1570+14.0	1568+25.0	RT	189.0	35-18	6.0
1570+12.5	1568+26.5	LT	186.0	35-16	
1572+29.0	1570+15.0	RT	214.0	35-19	6.0
1572+27.5	1570+16.5	LT	211.0	35-22	
1574+26.3	1572+30.0	RT	196.3	36-01	6.0
1574+26.3	1572+31.5	LT	194.8	36-04	
1574+27.3	1574+77.0	RT	49.7	36-06	6.0
1574+27.3	1574+75.5	LT	48.2	36-09	
1574+78.0	1577+31.0	RT	253.0	36-10	6.0
1574+79.5	1577+29.5	LT	250.0	36-13	
1577+32.0	1579+50.0	RT	218.0	37-04	6.0
1577+33.5	1579+48.5	LT	215.0	37-02	
1579+52.5	1581+13.5	LT	161.0	37-08	
1579+51.0	1581+15.0	RT	164.0	37-05	6.0
1581+16.0	1581+64.0	RT	48.0	37-11	6.0
1581+17.5	1581+48.5	LT	31.0	37-14	
1581+52.5	1581+62.4	LT	10.0	37-18	
1581+77.5	1581+65.4	LT	12.0	37-18	
1583+04.0	1581+64.0	RT	140.0	37-11	6.0
1583+02.5	1581+81.5	LT	121.0	37-16	
1584+32.5	1583+06.5	LT	126.0	37-22	
1585+92.0	1583+05.0	RT	287.0	37-19	6.0
1585+90.5	1584+36.5	LT	154.0	38-02	
1587+93.0	1585+93.0	RT	200.0	38-06	6.0
1587+91.5	1585+94.5	LT	197.0	38-09	
1589+91.0	1587+94.0	RT	197.0	38-10	6.0
1589+89.5	1587+95.5	LT	194.0	38-13	
1591+57.0	1589+92.0	RT	165.0	38-14	6.0
1591+55.5	1589+93.5	LT	162.0	38-17	
1592+99.0	1591+58.0	RT	141.0	39-01	6.0
1592+97.5	1591+59.5	LT	138.0	39-04	
1594+17.0	1593+00.0	RT	117.0	39-05	6.0
1594+15.5	1593+01.5	LT	114.0	39-08	
1595+85.5	1594+18.0	RT	167.5	39-09	6.0
1595+85.5	1594+19.5	LT	166.0	39-12	

SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION		OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)
1595+86.5	1597+49.0	RT	162.5	40-01	6.0
1595+86.5	1597+47.5	LT	161.0	40-04	
1597+50.0	1598+49.0	RT	99.0	40-05	6.0
1597+51.5	1598+47.5	LT	96.0	40-08	
1598+50.0	1599+99.0	RT	149.0	40-09	6.0
1598+51.5	1599+97.5	LT	146.0	40-12	
1600+00.0	1601+78.0	RT	178.0	40-13	6.0
1600+01.5	1601+76.5	LT	175.0	40-16	
1601+79.0	1603+79.0	RT	200.0	41-01	6.0
1601+80.5	1603+77.5	LT	197.0	41-04	
1603+81.5	1605+77.5	LT	196.0	41-08	
1605+80.0	1607+10.0	RT	130.0	41-12	6.0
1605+81.5	1607+08.5	LT	127.0	41-10	
1607+12.5	1607+93.0	LT	80.5	41-15	
1607+11.0	1608+13.0	RT	102.0	42-02	6.0
1607+97.8	1608+11.5	LT	13.7	42-05	
1608+27.2	1608+14.5	LT	12.7	42-05	
1609+59.0	1608+13.0	RT	146.0	42-02	5.5
1609+57.5	1608+32.0	LT	125.5	42-04	
1611+42.0	1609+60.0	RT	182.0	42-07	2.5
1611+40.5	1609+61.5	LT	179.0	42-10	
1613+69.0	1611+43.0	RT	226.0	42-11	2.5
1613+67.5	1611+44.5	LT	223.0	42-14	
1615+13.1	1613+70.0	RT	143.1	42-15	2.5
1615+13.1	1613+71.5	LT	141.6	42-18	
1615+14.1	1617+15.0	RT	200.9	43-01	2.5
1615+14.1	1617+13.5	LT	199.4	43-04	
1617+16.0	1619+44.0	RT	228.0	43-05	2.5
1617+17.5	1619+42.5	LT	225.0	43-08	
1619+45.0	1620+65.0	RT	120.0	44-04	2.5
1619+46.5	1620+63.5	LT	117.0	44-02	
1620+67.5	1621+58.5	LT	91.0	44-08	
1620+66.0	1622+92.3	RT	226.3	44-11	2.5
1621+62.5	1622+73.5	LT	111.0	44-14	
1622+77.5	1622+90.8	LT	13.3	44-18	
1623+02.5	1622+93.8	LT	8.7	44-18	
1624+04.0	1622+92.3	RT	111.7	44-11	6.0
1624+17.5	1624+07.0	LT	10.5	44-24	
1624+02.2	1623+06.5	LT	95.7	44-16	
1626+44.0	1624+05.0	RT	239.0	44-19	6.0
1626+42.5	1624+21.5	LT	221.0	44-22	
1628+69.6	1626+45.0	RT	224.6	45-01	6.0
1628+69.6	1626+46.5	LT	223.1	45-06	
1628+70.6	1630+88.0	RT	217.4	45-07	6.0
1628+70.6	1630+86.5	LT	215.9	45-10	
1630+89.0	1632+42.0	RT	153.0	46-01	6.0
1630+90.5	1632+40.5	LT	150.0	46-04	
1632+43.0	1633+90.0	RT	147.0	46-05	6.0

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	161
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		• (1818, ETC, 2324.6-1P)R-9		

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED PIPE UNDERDRAINS
SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

DS-41
03/25/2005

SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)
1632+44.5	1633+88.5	LT	46-08	
1633+91.0	1635+05.0	RT	46-09	6.0
1633+92.5	1635+03.5	LT	46-12	
1635+06.0	1636+30.0	RT	46-13	6.0
1635+07.5	1636+28.5	LT	46-17	
1636+42.5	1636+31.5	LT	46-17	
1637+42.5	1636+46.5	LT	46-19	
1637+44.0	1636+30.0	RT	46-13	6.0
1638+84.0	1637+45.0	RT	46-23	6.0
1638+82.5	1637+46.5	LT	46-21	
1641+04.0	1638+85.0	RT	47-01	6.0
1641+02.5	1638+86.5	LT	47-04	
1643+12.0	1641+05.0	RT	47-05	6.0
1643+10.5	1641+06.5	LT	47-08	
TOTALS				636

SCHEDULE OF PIPE UNDERDRAINS

STATION	OFFSET	STATION	OFFSET	PIPE UNDERDRAINS 12" (FT)
1540+13.0	9.7' RT	1540+16.9	88.2' LT	97.9
1548+38.2	10.9' RT	1548+38.2	74.1' LT	84.8
1607+79.3	11.5' RT	1607+78.7	63.2' LT	74.6
1622+78.7	7.7' RT	1622+79.2	63.8' LT	71.4
1636+27.5	63.9' LT	1636+28.6	6.0' RT	69.9
TOTAL				398.6

TABLE OF PIPE UNDERDRAIN ELEVATIONS

STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION
1424+00	-1.63	1478+00	-3.07	1546+00	1.44	1593+00	6.00	1640+00	T.B.D.
1425+00	-1.33	1479+00	-1.92	1547+00	0.61	1594+00	6.55	1641+00	T.B.D.
1426+00	-1.41	1480+00	-0.77	1548+00	-0.52	1595+00	6.85	1642+00	T.B.D.
1427+00	-1.85	1481+00	0.38	1549+00	-1.93	1596+00	6.91	1643+00	T.B.D.
1429+00	-2.89	1482+00	1.53	1550+00	-3.55	1597+00	6.73		
1430+00	-3.41	1483+00	2.68	1551+00	-5.17	1598+00	6.31		
1431+00	-3.91	1484+00	3.80	1552+00	-6.80	1599+00	5.64		
1432+00	-4.41	1485+00	4.72	1553+00	-8.39	1600+00	4.73		
1433+00	-4.91	1486+00	5.37	1554+00	-9.44	1601+00	3.58		
1434+00	-5.41	1487+00	5.74	1555+00	-9.81	1602+00	2.19		
1435+00	-5.90	1488+00	5.84	1556+00	-9.49	1603+00	0.55		
1436+00	-6.40	1489+00	5.66	1557+00	-8.46	1604+00	-1.33		
1437+00	-6.60	1490+00	5.21	1558+00	-7.33	1605+00	-3.39		
1438+00	-6.12	1491+00	4.49	1559+00	-6.23	1606+00	-5.02		
1439+00	-5.14	1492+00	3.51	1560+00	-5.49	1607+00	-6.09		
1440+00	-4.14	1493+00	2.47	1561+00	-5.15	1608+00	-6.61		
1441+00	-3.17	1494+00	1.43	1562+00	-5.21	1609+00	-6.57		
1442+00	-2.54	1495+00	0.38	1563+00	-5.66	1610+00	-5.98		
1443+00	-2.33	1496+00	-0.66	1564+00	-6.52	1611+00	-5.04		
1444+00	-2.55	1497+00	-1.70	1565+00	-7.69	1612+00	-4.10		
1450+00	-8.04	1498+00	-2.74	1566+00	-8.84	1613+00	-3.17		
1451+00	-8.07	1499+00	-3.80	1567+00	-9.67	1614+00	-2.51		
1452+00	-7.46	1500+00	-4.87	1568+00	-9.76	1615+00	-2.27		
1453+00	-6.38	1501+00	-5.93	1569+00	-9.16	1616+00	-2.44		
1454+00	-5.63	1503+00	-7.67	1570+00	-7.86	1617+00	-3.01		
1455+00	-5.29	1504+00	-7.70	1571+00	-6.17	1618+00	-3.99		
1456+00	-5.38	1505+00	-7.02	1572+00	-4.76	1619+00	-5.10		
1457+00	-5.89	1525+00	-6.96	1573+00	-3.85	1620+00	-6.21		
1458+00	-6.72	1526+00	-8.24	1574+00	-3.42	1621+00	-7.32		
1459+00	-7.57	1527+00	-8.58	1575+00	-3.48	1622+00	-8.26		
1460+00	-8.19	1528+00	-8.26	1576+00	-4.04	1623+00	-8.49		
1461+00	-8.08	1530+00	-7.00	1577+00	-5.07	1624+00	-8.00		
1463+00	-5.84	1531+00	-6.14	1578+00	-6.60	1625+00	-6.96		
1464+00	-4.45	1532+00	-5.01	1579+00	-8.54	1626+00	-5.88		
1465+00	-3.41	1533+00	-4.13	1580+00	-10.02	1627+00	-4.81		
1466+00	-2.73	1534+00	-3.21	1581+00	-10.80	1628+00	-3.92		
1467+00	-2.42	1535+00	-2.19	1582+00	-10.87	1629+00	-3.65		
1468+00	-2.47	1536+00	-1.15	1583+00	-10.24	1630+00	-4.04		
1469+00	-2.86	1537+00	-0.06	1584+00	-8.90	1631+00	-4.95		
1470+00	-3.60	1538+00	0.51	1585+00	-6.86	1632+00	-5.91		
1471+00	-4.66	1539+00	1.14	1586+00	-4.61	1633+00	-6.87		
1472+00	-5.80	1540+00	1.81	1587+00	-2.39	1634+00	-7.82		
1473+00	-6.67	1541+00	1.55	1588+00	-0.38	1635+00	-8.78		
1474+00	-6.85	1542+00	2.04	1589+00	1.38	1636+00	-9.74		
1475+00	-6.40	1543+00	2.22	1590+00	2.90	1637+00	T.B.D.		
1476+00	-5.34	1544+00	2.25	1591+00	4.18	1638+00	T.B.D.		
1477+00	-4.21	1545+00	1.99	1592+00	5.21	1639+00	T.B.D.		

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	162
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-1PIR-9		

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REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED PIPE UNDERDRAINS
SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

DS-42

03/08/05/PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	163
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		1818, ETC, 2324.6-IPR-9		

SCHEDULE OF STORM SEWERS JACKED IN PLACE

UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	SLOPE %	SEWER INVERTS		CASING INVERTS		STORM SEWERS JACKED IN PLACE, CLASS A 36" LF	STORM SEWERS JACKED IN PLACE, CLASS A 42" LF	STORM SEWERS JACKED IN PLACE, CLASS A 48" LF	STEEL CASING PIPE 48" LF	STEEL CASING PIPE 60" LF	STEEL CASING PIPE 66" LF	BRACED EXCAVATION		TRENCH BACKFILL	
			UPSTREAM	DOWNSTREAM	UPSTREAM	DOWNSTREAM							JACKING PIT AND / OR JUNCTION CHAMBER CONSTRUCTION	RECIEVING PIT	JACKING PIT AND / OR JUNCTION CHAMBER CONSTRUCTION	RECIEVING PIT
19-04	JC 19-01	0.20%	-12.16	-12.25	-12.66	-12.75	43			43			360.9	47.7	205.4	20.4
19-22	JC 20-01	0.12%	-9.29	-9.34	-10.04	-10.09		44			44		446.3	59.0	290.8	30.8
23-08	JC 23-01	0.20%	-9.07	-9.16	-9.82	-9.91		43			43		375.2	49.6	219.7	21.8
24-14	JC 24-01	0.20%	-10.90	-10.98	-11.65	-11.73		40			40		298.8	39.5	143.3	14.4
28-02	JC 28-01	0.55%	-15.25	-15.48	-16.00	-16.23			42			42	425.0	56.2	269.5	28.6
32-13	JC 32-01	0.10%	-14.45	-14.50	-15.20	-15.25		43			43		390.7	39.9	338.0	29.2
35-18	JC 35-01	0.10%	-14.75	-14.80	-15.50	-15.55		43			43		390.0	39.8	337.3	29.2
37-04	JC 37-01	0.10%	-16.45	-16.50	-16.95	-17.00	42			42			417.0	42.9	364.2	30.8
38-05	JC 38-01	0.10%	-14.45	-14.50	-15.20	-15.25			39			39	385.6	39.4	332.8	25.0
41-12	JC 41-01	0.10%	-14.95	-15.00	-15.70	-15.75			39			39	464.8	50.4	412.1	30.5
44-04	JC 44-01	0.10%	-15.95	-16.00	-16.70	-16.75			46			46	506.3	55.6	453.6	39.1
46-23	JC 46-01	0.10%	-17.76	-17.80	-18.51	-18.55			41			41	468.2	50.1	415.4	30.3
TOTAL							85	259	161	85	259	161	4929	570	3782	330

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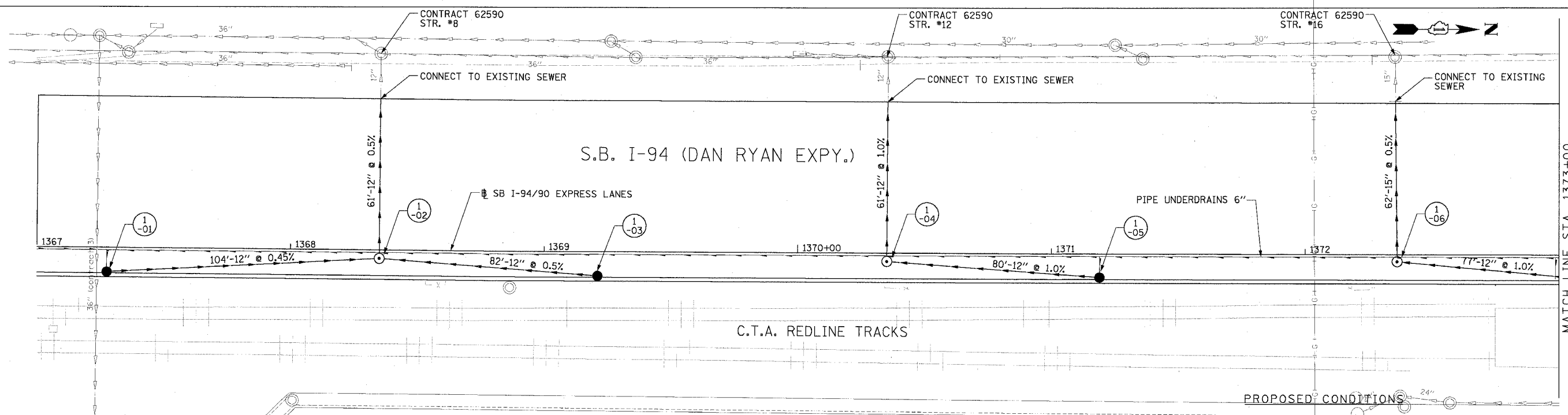
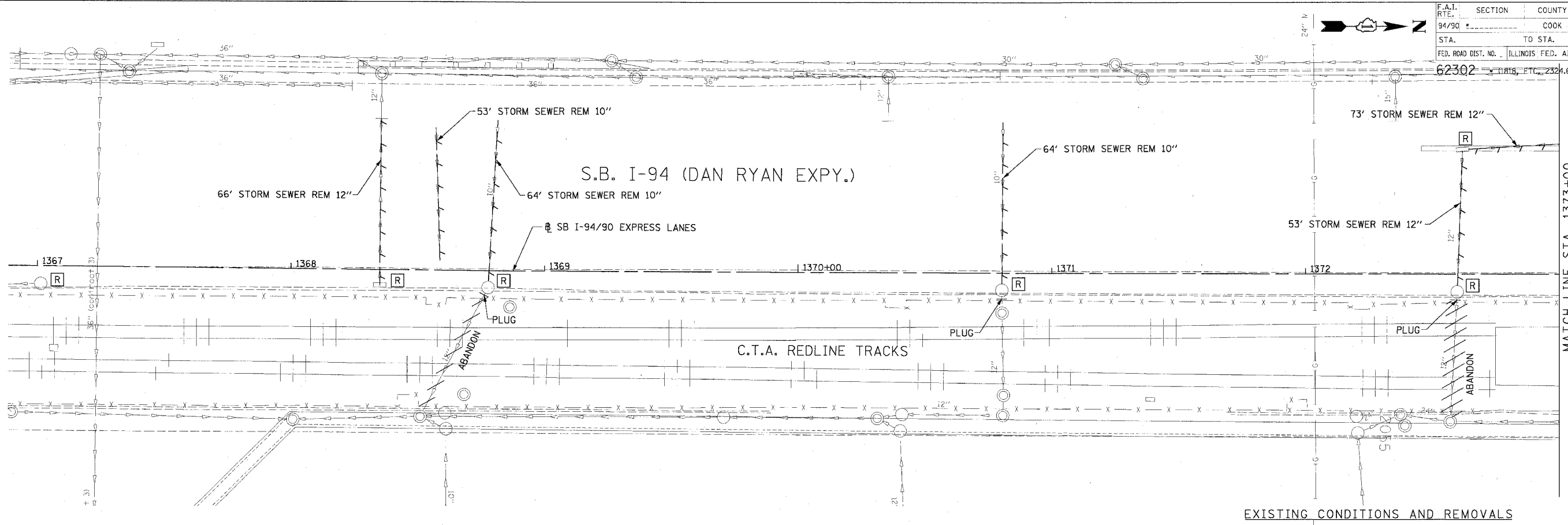


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULES
PROPOSED STORM SEWER JACKING
SCALE: 1"=N.T.S. DRAWN BY: OC
DATE: 07/07/05 CHECKED BY: DDM

DS-43
06/29/2005 03:49:51 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	164
STA.	TO STA.			
62302	1367+00 TO 1373+00		ILLINOIS FED. AID PROJECT	
FED. ROAD DIST. NO. I-19, ETC., 2324.6-1PJR-9				



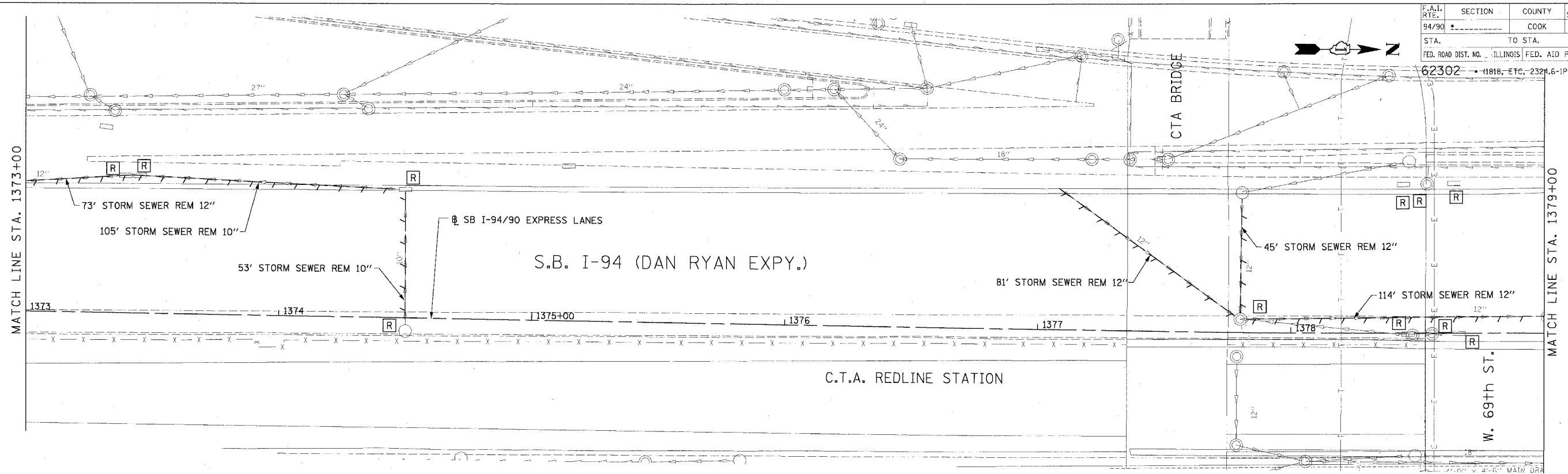
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1367+00 TO STA. 1373+00
 SCALE: 0" 10' 20' 30' 40' DRAWN BY: LPN
 DATE: 7/7/05 CHECKED BY: PJM

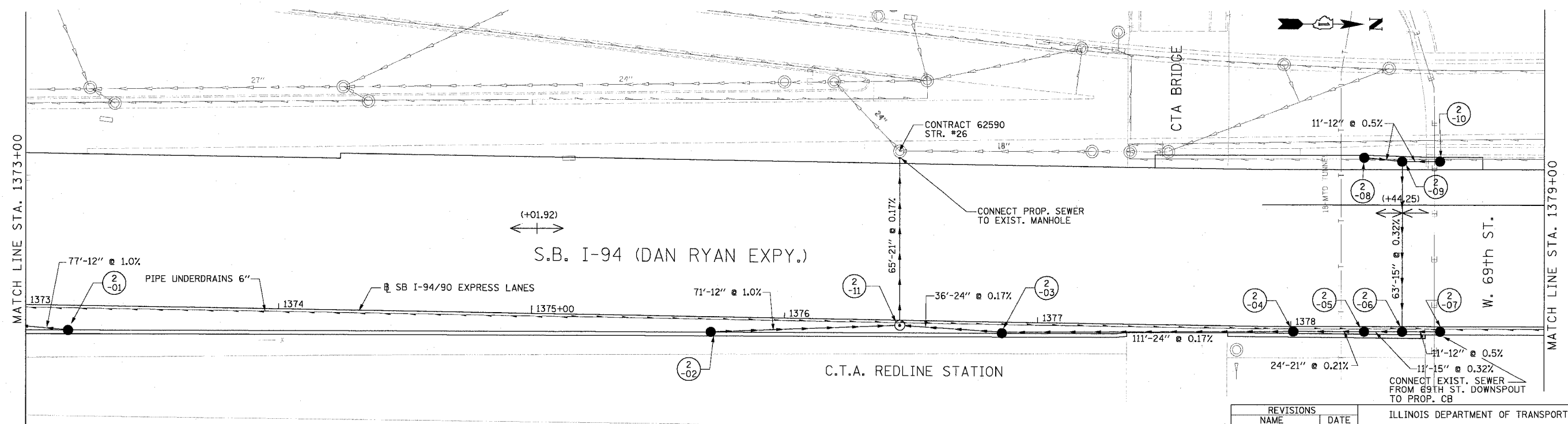
**Edwards
 AND Kelcey**
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	165
STA.	TO STA.			
62302	11818, ETC., 2321.6-1P1R-9			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXISTING CONDITIONS AND REMOVALS

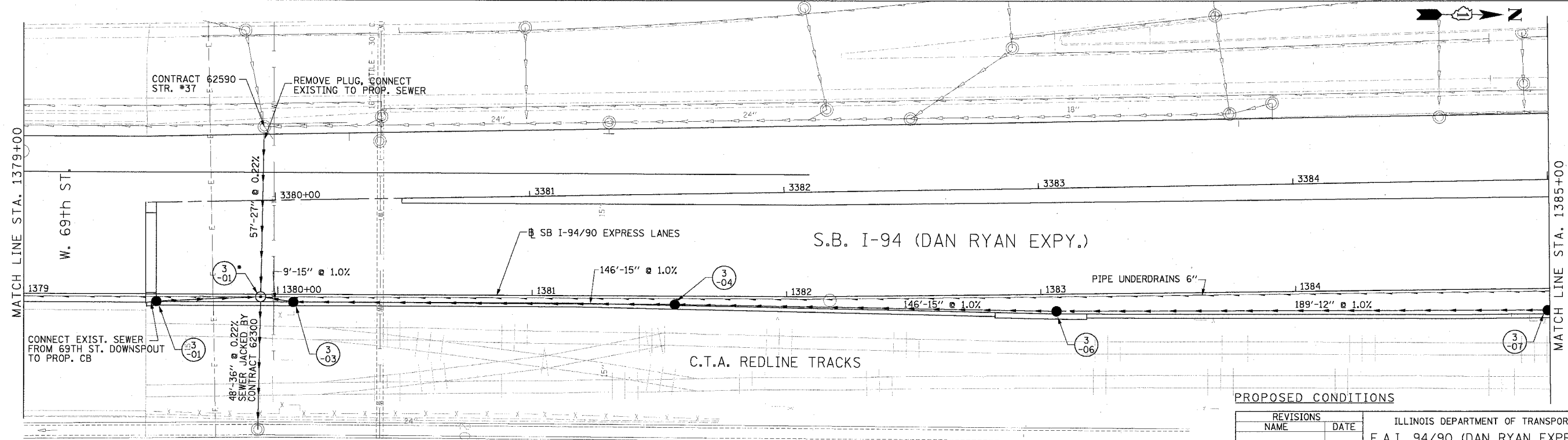
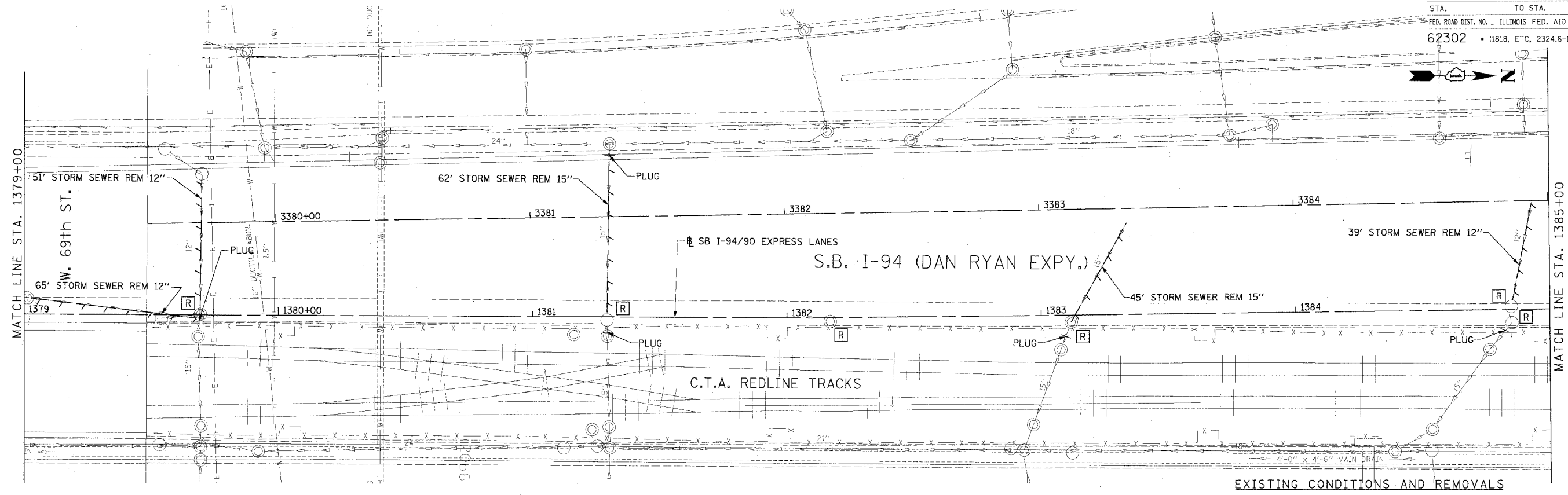


REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1373+00 TO STA. 1379+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

Edwards AND Kelcey
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 CHICAGO, IL 60606
 PHONE: (312) 251-3000
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NOTE:
 • STRUCTURE BUILT IN CONTRACT 62300

PROPOSED CONDITIONS

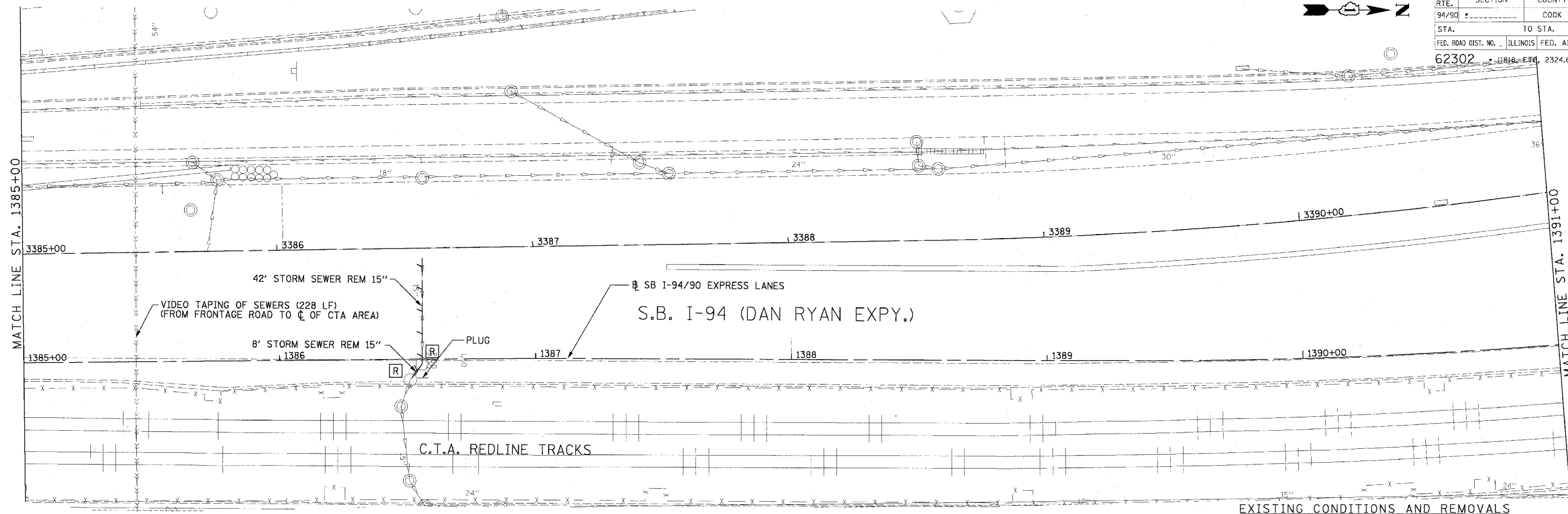
REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1379+00 TO STA. 1385+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

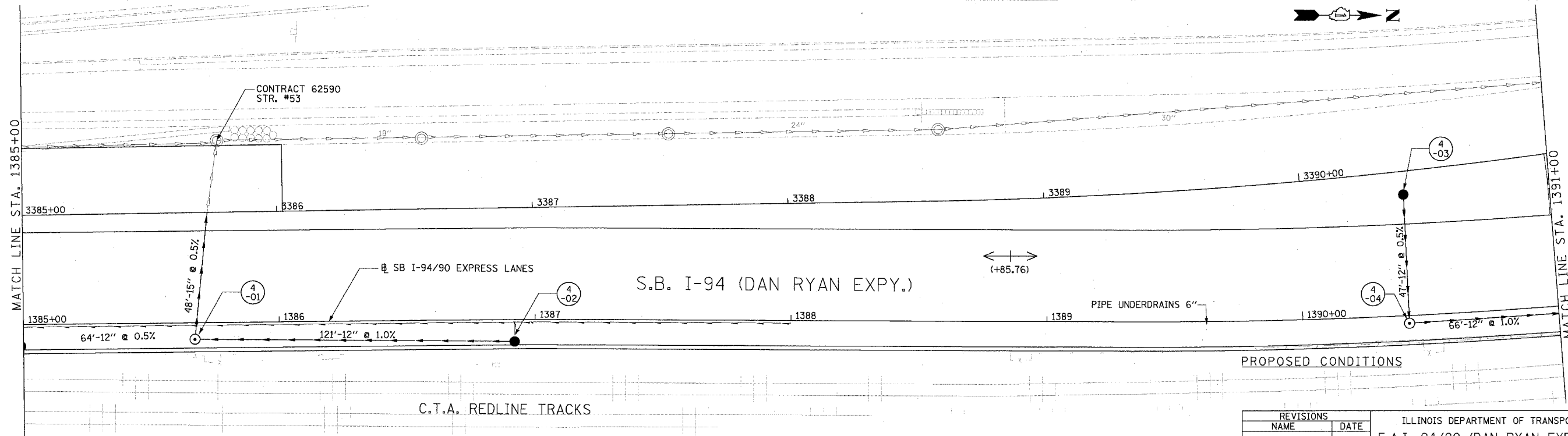


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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	167
STA.	TO STA.			
62302	1385+00 TO 1391+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		2324.6-1PR-9		



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

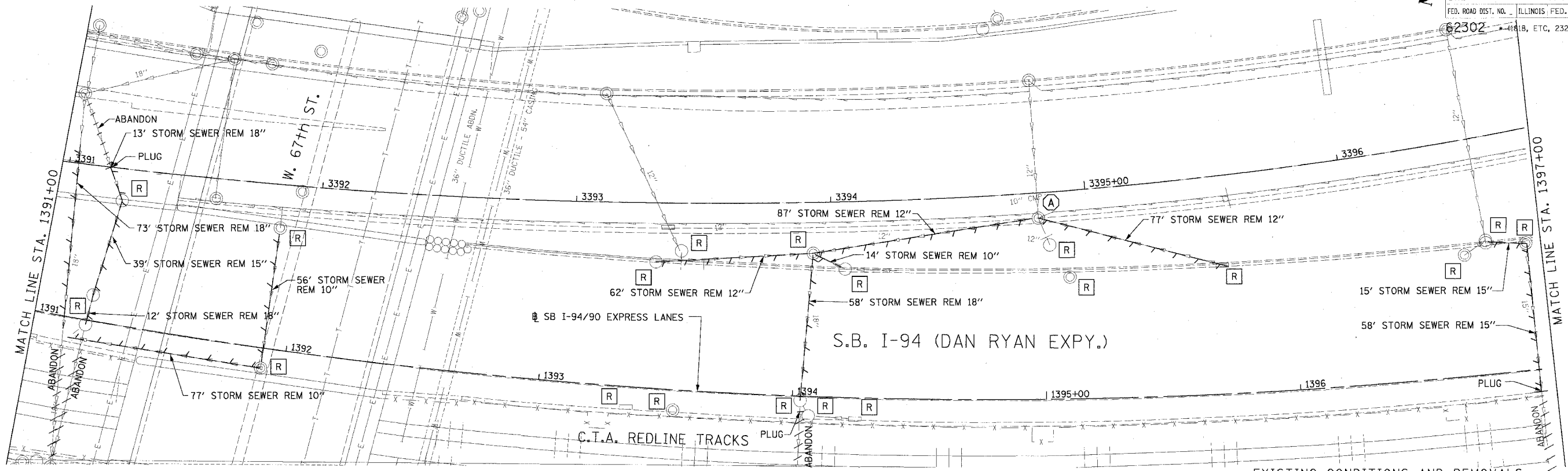
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 FAX: (312) 251-3015
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REVISIONS	
NAME	DATE

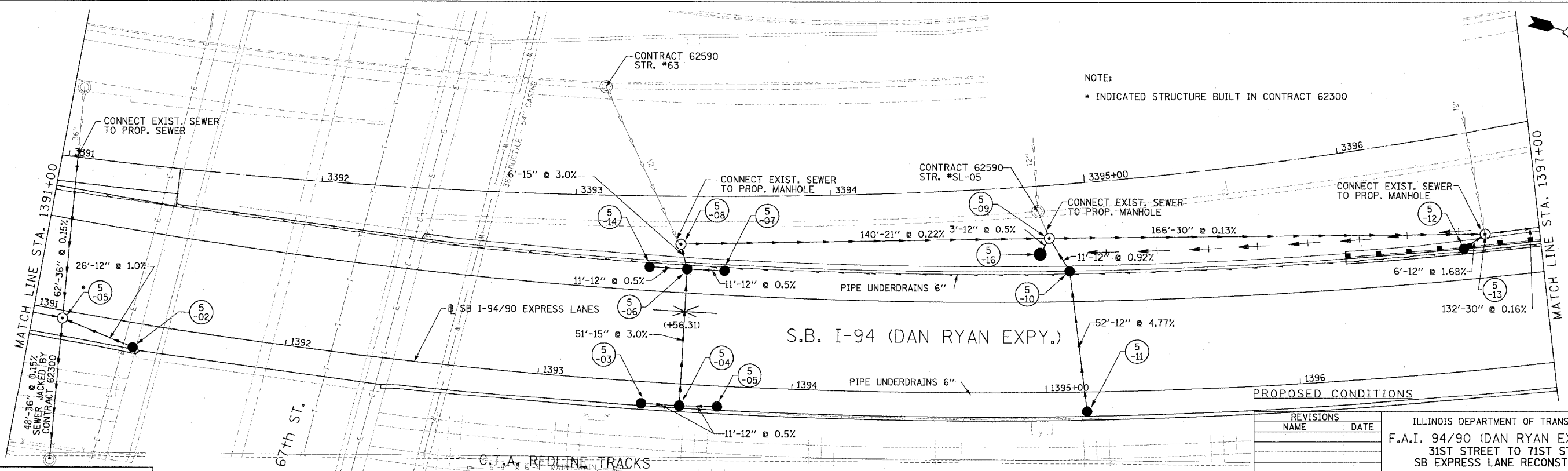
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1385+00 TO STA. 1391+00
 SCALE: 1"=20'
 DATE: 7/1/05
 DRAWN BY: LPN
 CHECKED BY: PJM

DU-4
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	168
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	1118, ETC, 2324.6-1PJR-9			



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

NOTE:
 • INDICATED STRUCTURE BUILT IN CONTRACT 62300

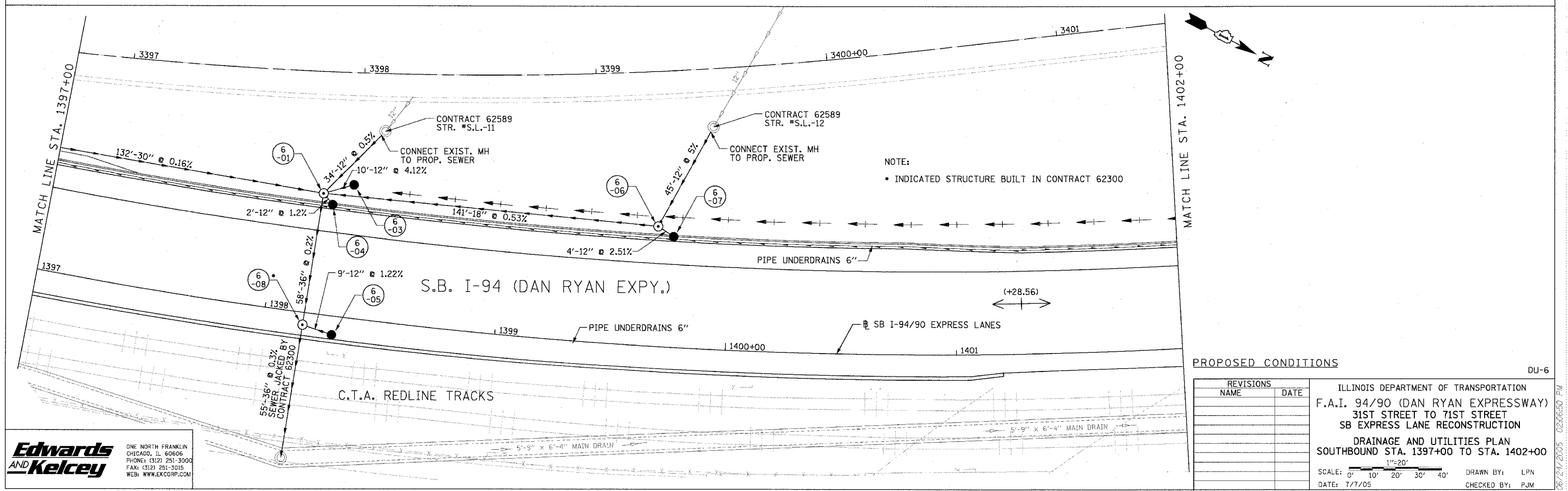
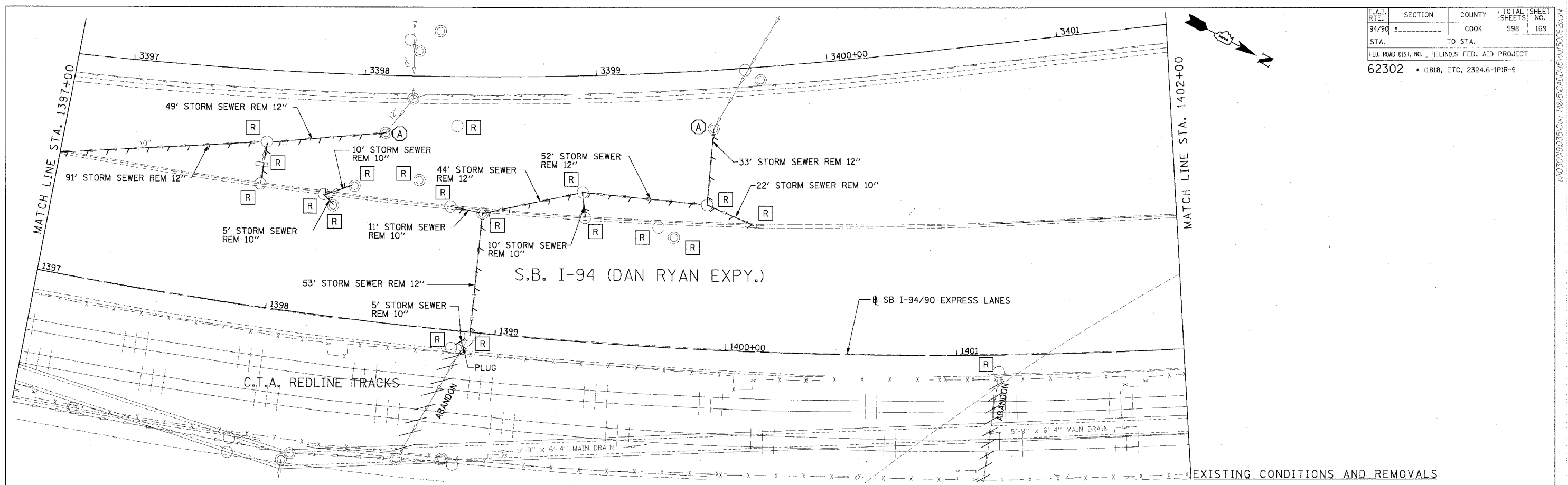
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1391+00 TO STA. 1397+00
 SCALE: 1"=20'
 DATE: 7/1/05
 DRAWN BY: LPN
 CHECKED BY: PJM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	169
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	11818, ETC, 2324.6-1P1R-9			



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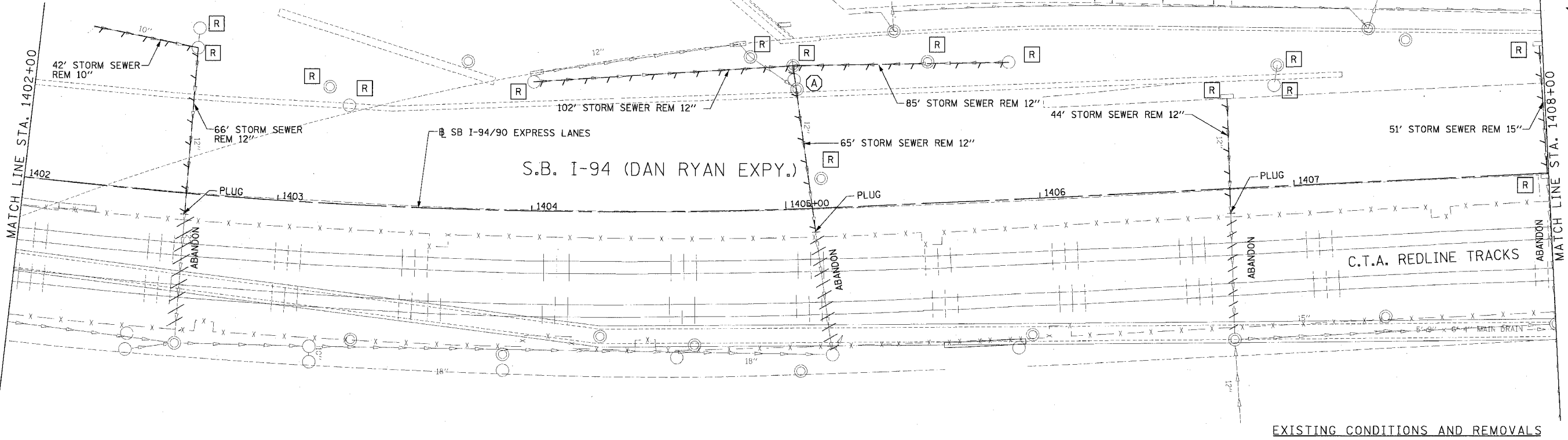
REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1397+00 TO STA. 1402+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

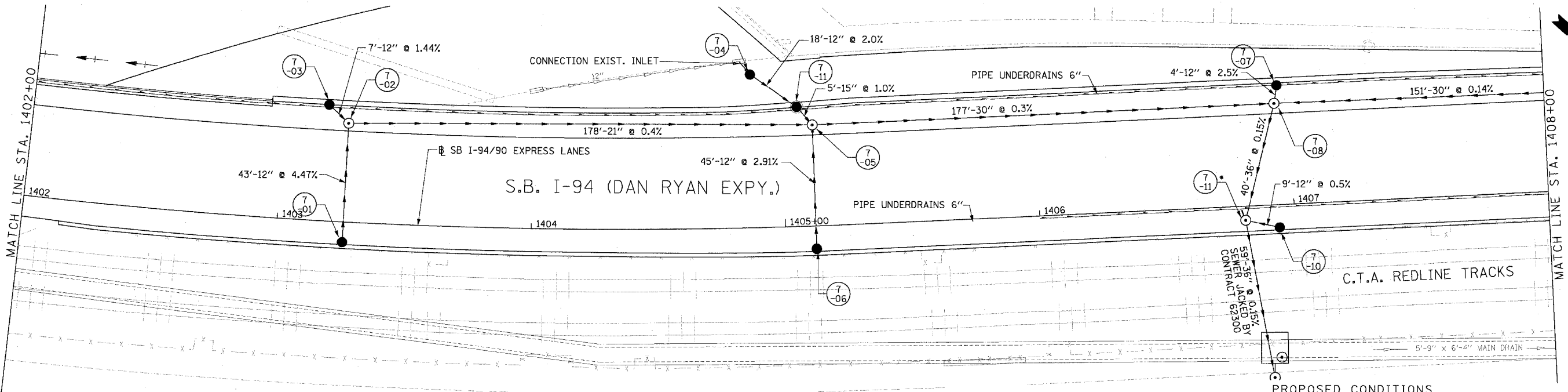
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CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 20 FRAME AND GRATE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	596	170
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	1818, ETC, 2324.6-1PR-9			



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

NOTE:
 • STRUCTURE BUILT IN CONTRACT 62300

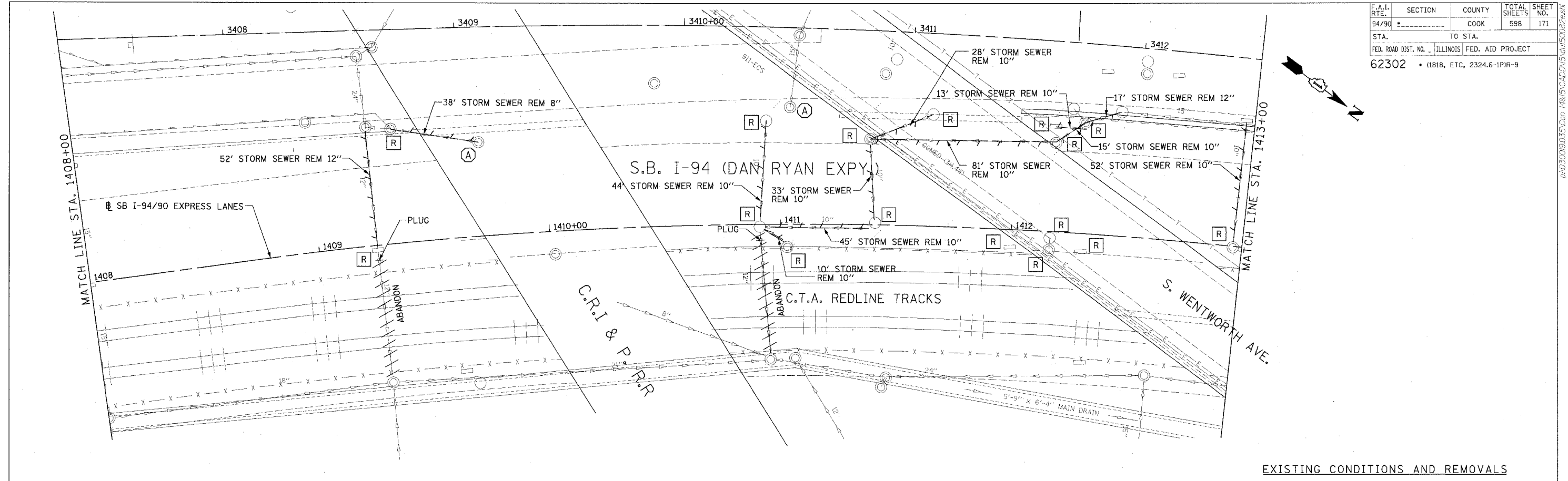
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REVISIONS	NAME	DATE

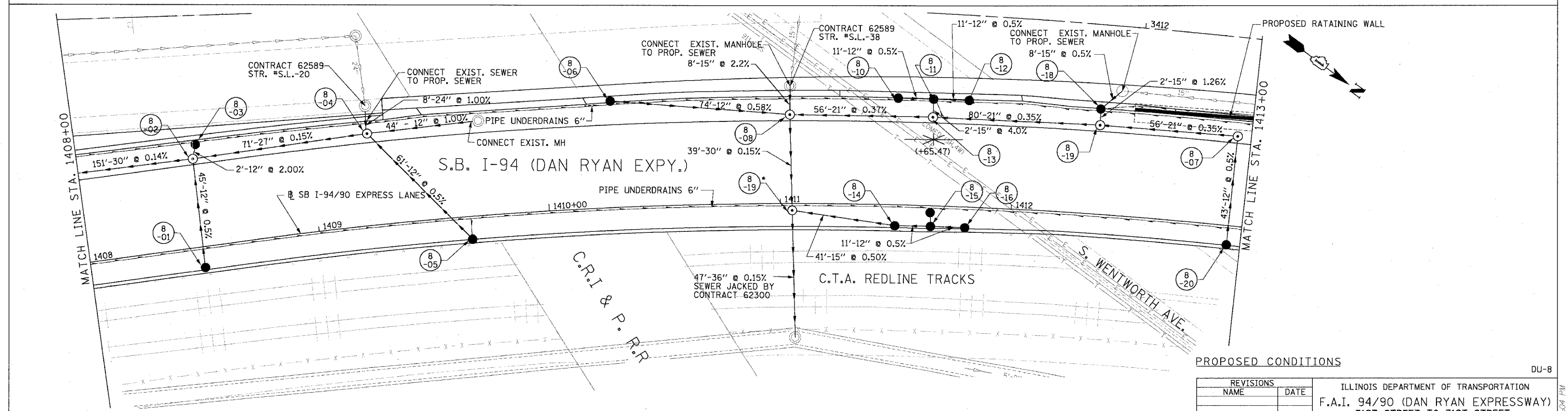
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1402+00 TO STA. 1408+00
 SCALE: 1"=20'
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

DU-7
 06/27/2005 04:55:23 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	171
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	• (1818, ETC, 2324.6-1P)R-9			



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

NOTE:
• STRUCTURE BUILT IN CONTRACT 62300

Edwards AND Kelcey
ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
WEB: WWW.EDKCORP.COM

REVISIONS		DATE
NAME		

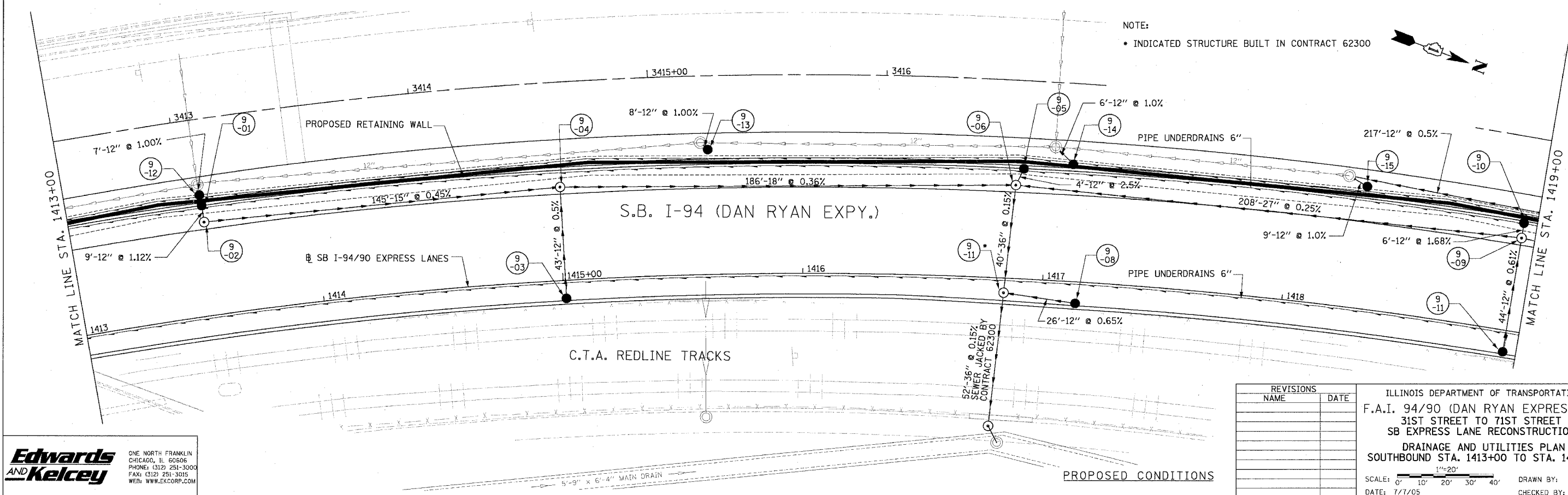
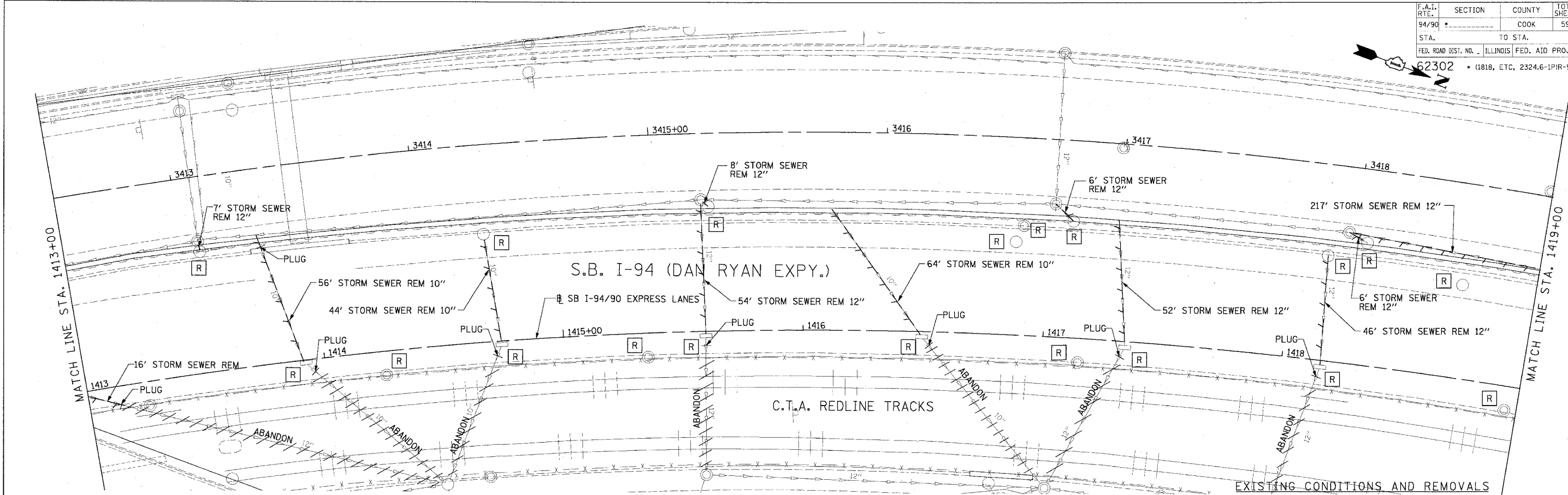
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1408+00 TO STA. 1413+00

SCALE: 0' 10' 20' 30' 40' 1"=20'
DATE: 7/7/05

DRAWN BY: LPN
CHECKED BY: PJM

DU-8
06/27/2005 04:26:04 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	172
STA.	TO STA.			
62302	(1818, ETC, 2324.6-1PIR-9			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE:
• INDICATED STRUCTURE BUILT IN CONTRACT 62300

Edwards AND Kelcey
ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
WEB: WWW.EKCORP.COM

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1413+00 TO STA. 1419+00

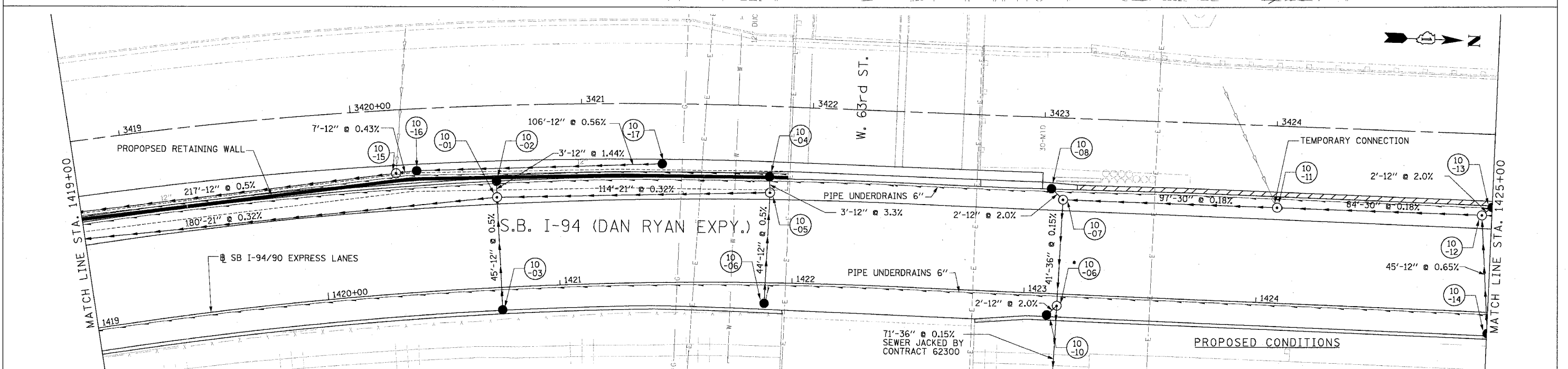
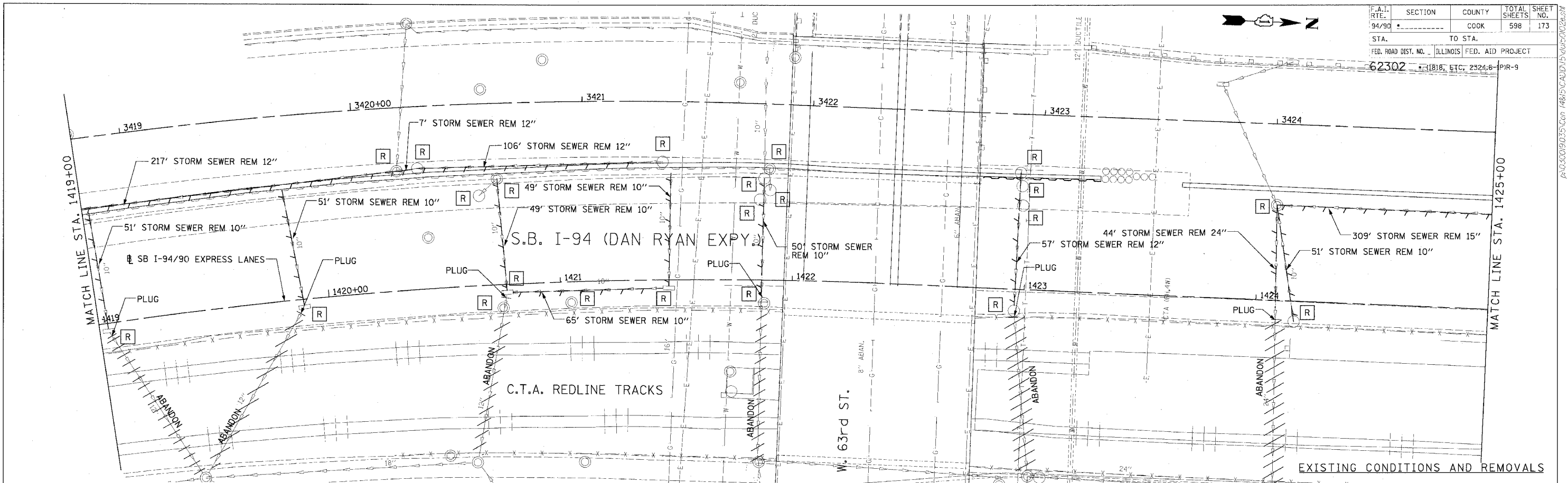
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DATE: 7/1/05

DRAWN BY: LPN
CHECKED BY: PJM

DU-9

06/27/2005 04:56:39 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	173
STA.	TO STA.			
62302	1818, ETC. 2524.6 PIR-9			
ILLINOIS FED. AID PROJECT				



NOTE:
 • STRUCTURE BUILT IN CONTRACT 62300

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1419+00 TO STA. 1425+00

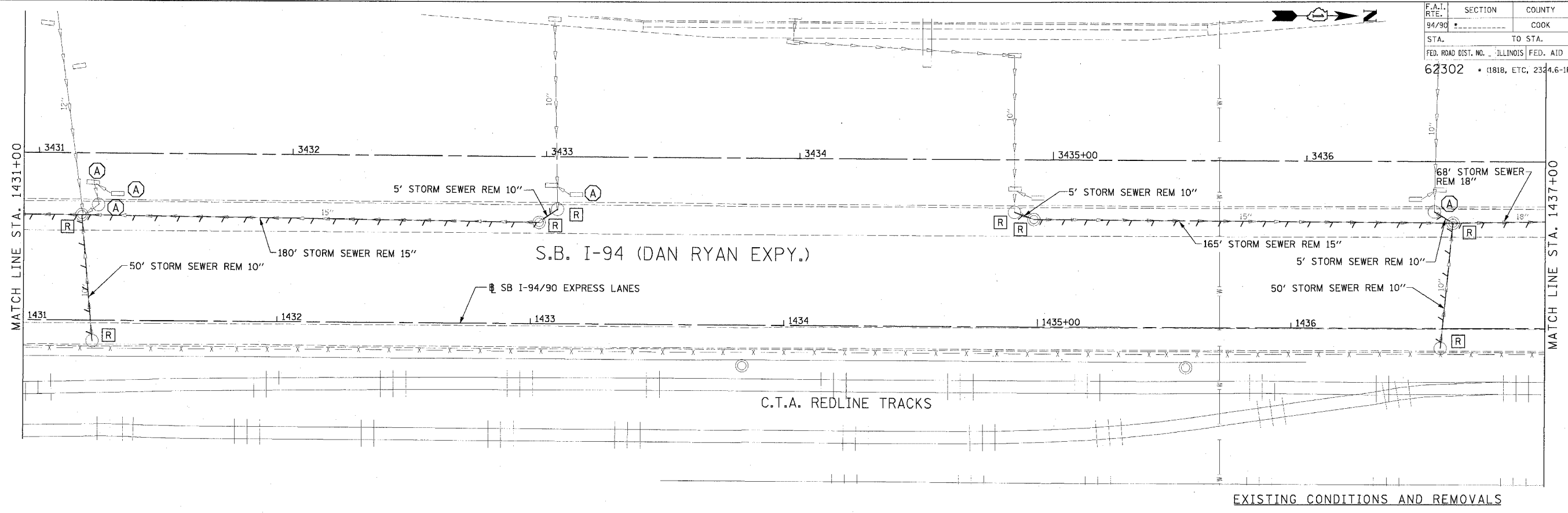
SCALE: 1"=20'
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DATE: 7/1/05 DRAWN BY: LPN
 CHECKED BY: PJM

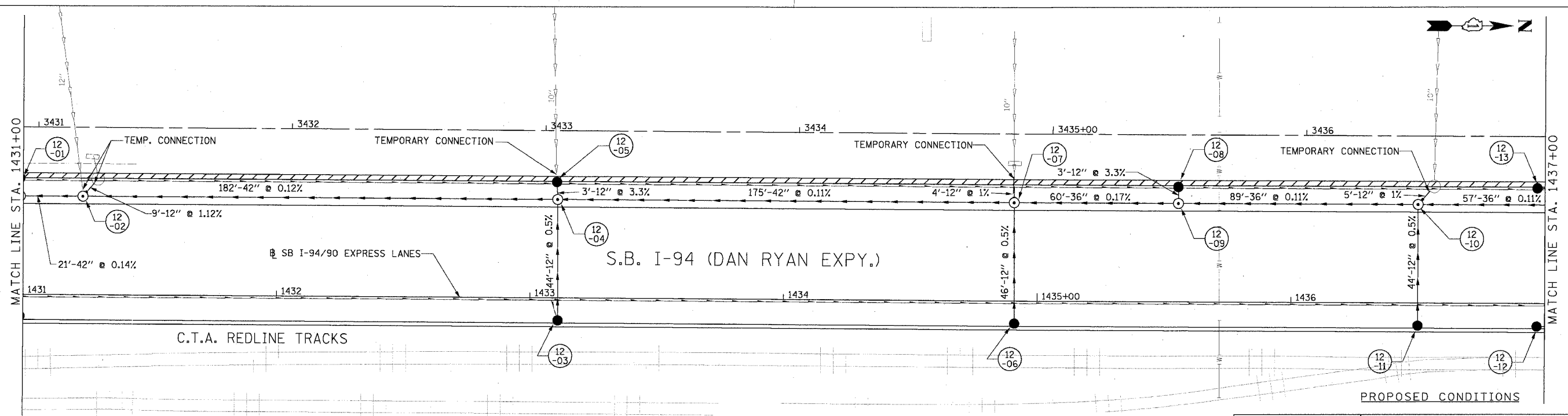
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

62-300190-35-COR 14815CAD15140502028.DWG
 DU-10
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	175
STA.	TO STA.			
62302	11818, ETC, 2324.6-1PIR-9			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-12

**Edwards
AND Kelcey**
ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE

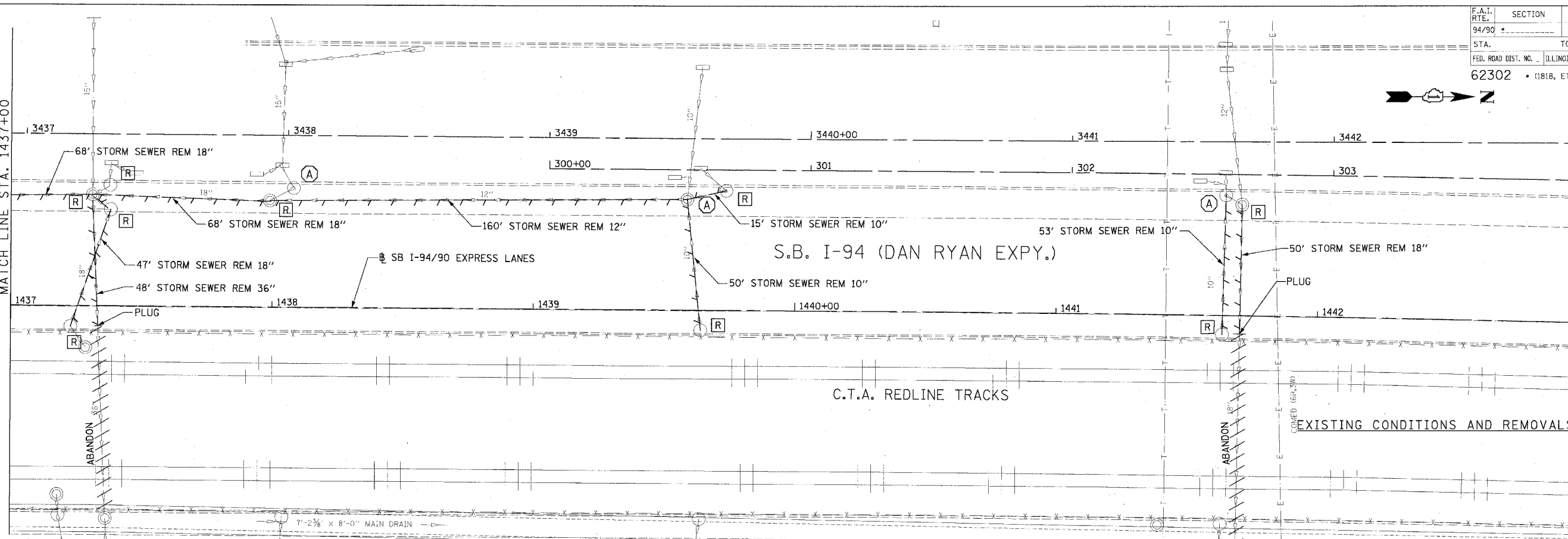
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1431+00 TO STA. 1437+00
SCALE: 0' 10' 20' 30' 40'
DATE: 7/7/05
DRAWN BY: LPN
CHECKED BY: PJM

P:\0300190\35\Con 14&15\CADD\5\du150122.dwg 06/24/2005 02:09:48 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET
94/90		COOK	598
STA.	TO STA.	ILLINOIS FED. AID PROJECT	
62302		(1818, ETC, 2324.6-1)PR-9	

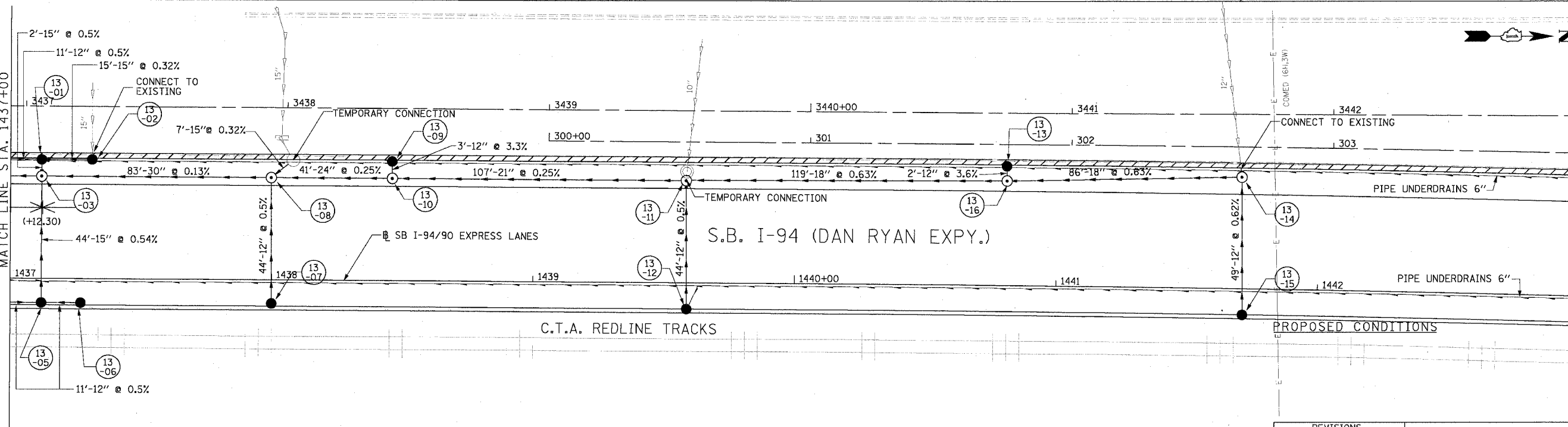
MATCH LINE STA. 1437+00

MATCH LINE STA. 1443+00



MATCH LINE STA. 1437+00

MATCH LINE STA. 1443+00



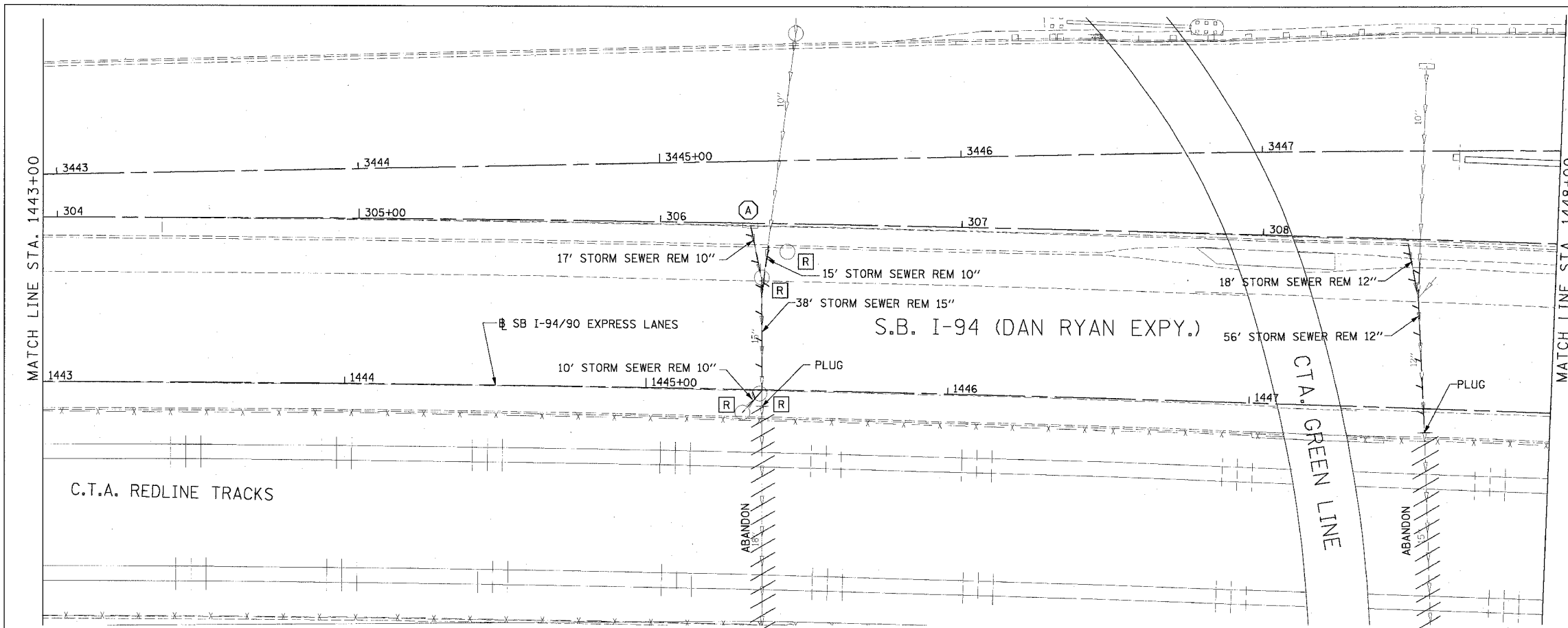
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS	NAME	DATE

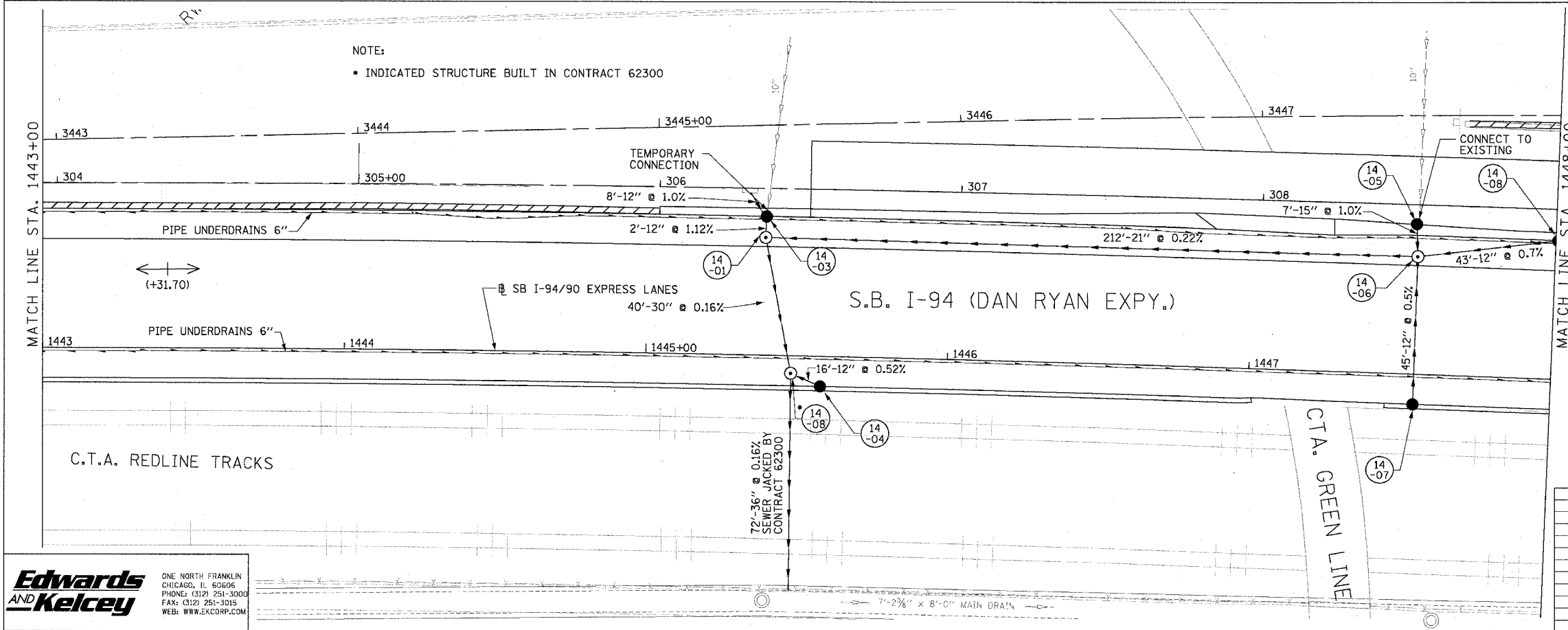
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1437+00 TO STA. 1443+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

DU-13
 06/24/2005 02:04 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	177
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	• (1818, ETC, 2324.6-1)R-9			



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS DU-14

NOTE:
 ■ INDICATED STRUCTURE BUILT IN CONTRACT 62300

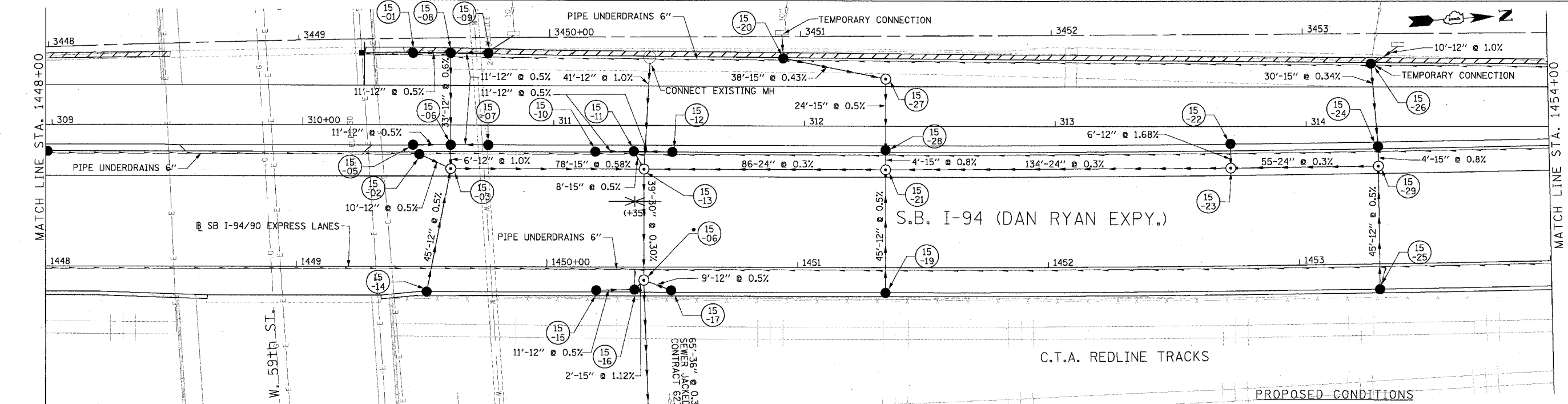
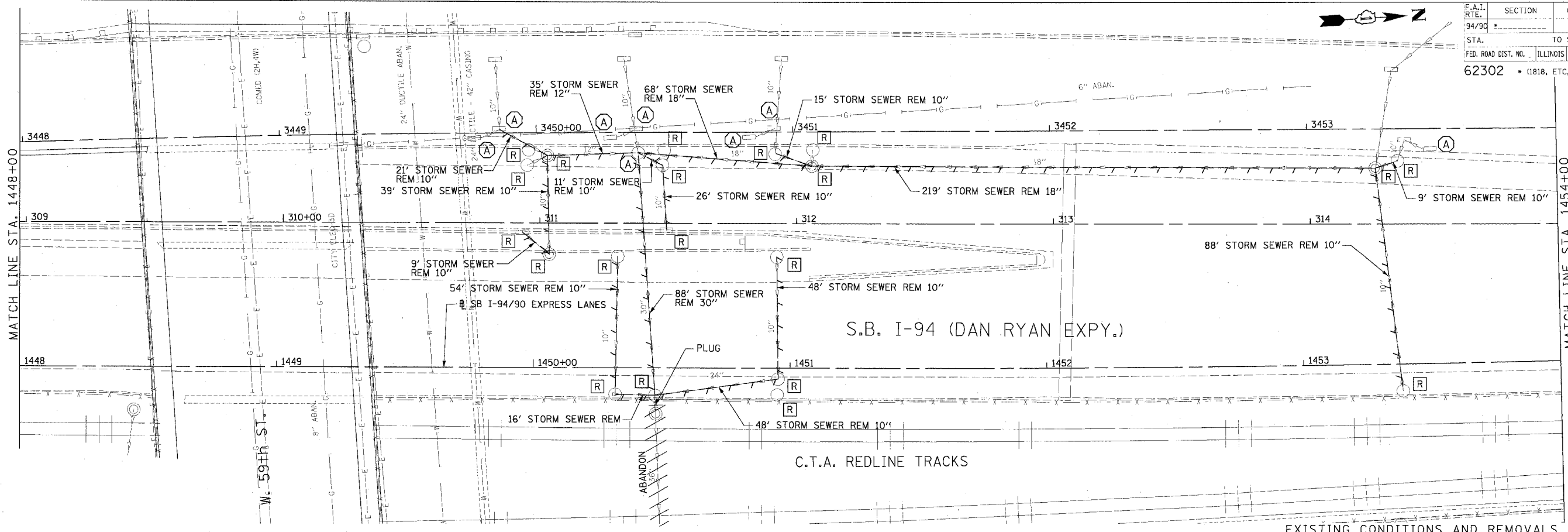
REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1437+00 TO STA. 1448+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	178
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	11818, ETC, 2324.6-1P1R-9			



NOTE:
 • STRUCTURE BUILT IN CONTRACT 62300

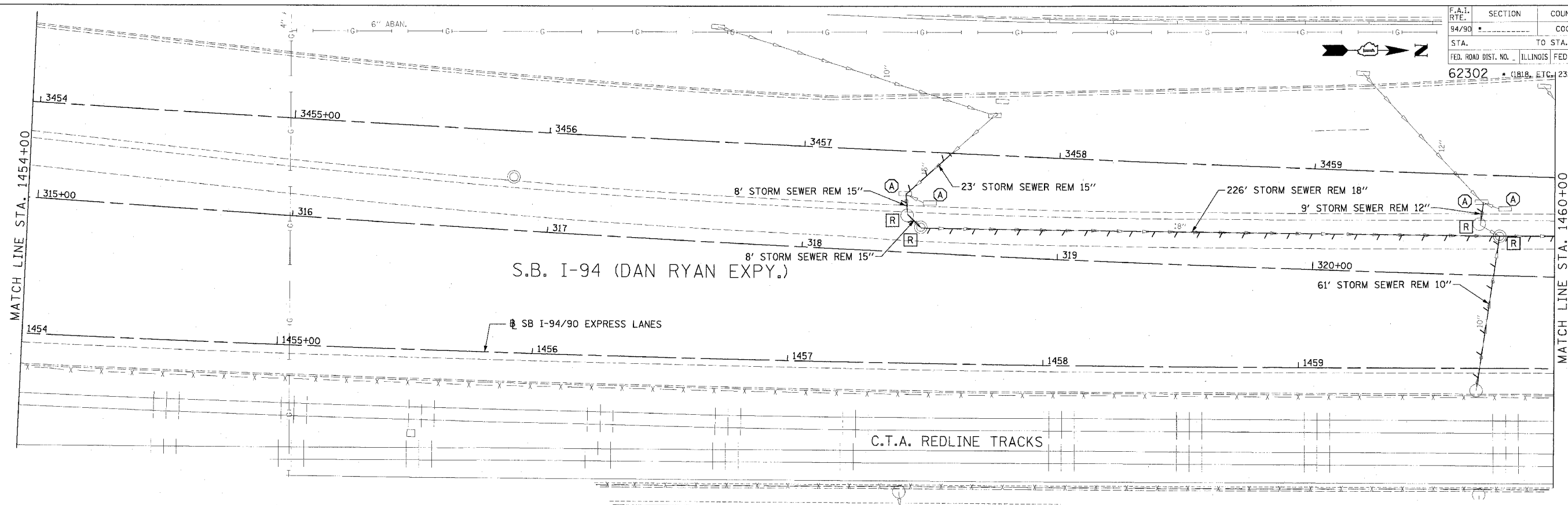
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1448+00 TO STA. 1454+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/1/05
 DRAWN BY: LPN
 CHECKED BY: PJM

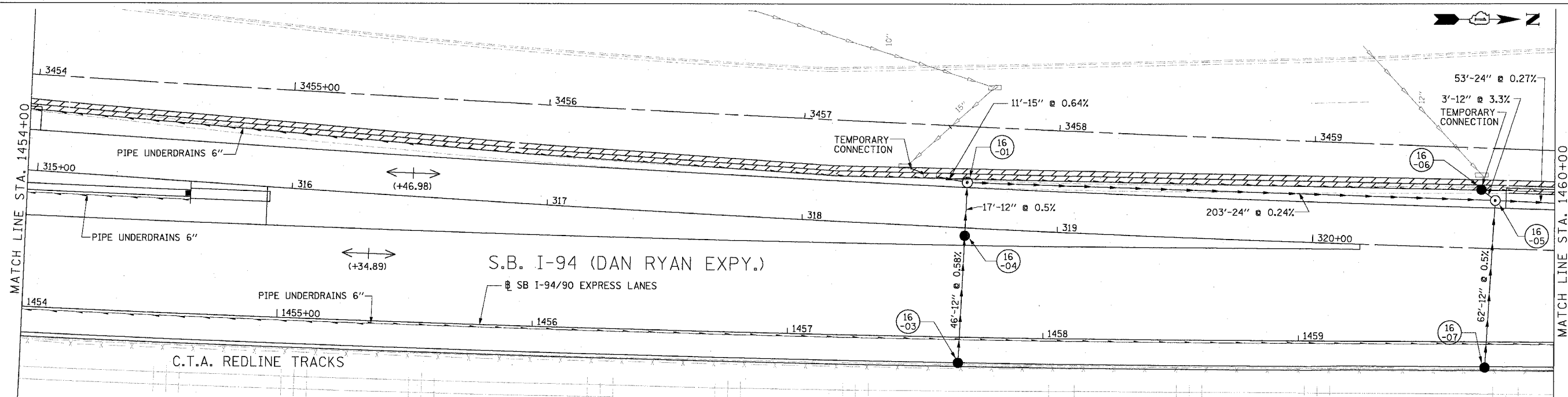
Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

06/27/2005 04:59:16 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	179
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	1818, ETC.	2324.6-1PR-9		



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

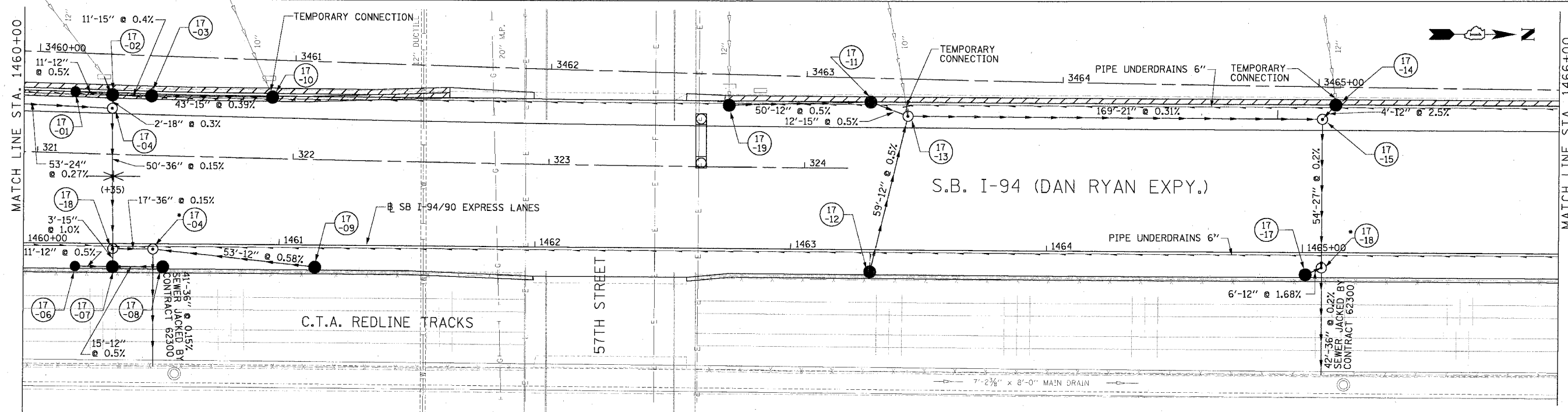
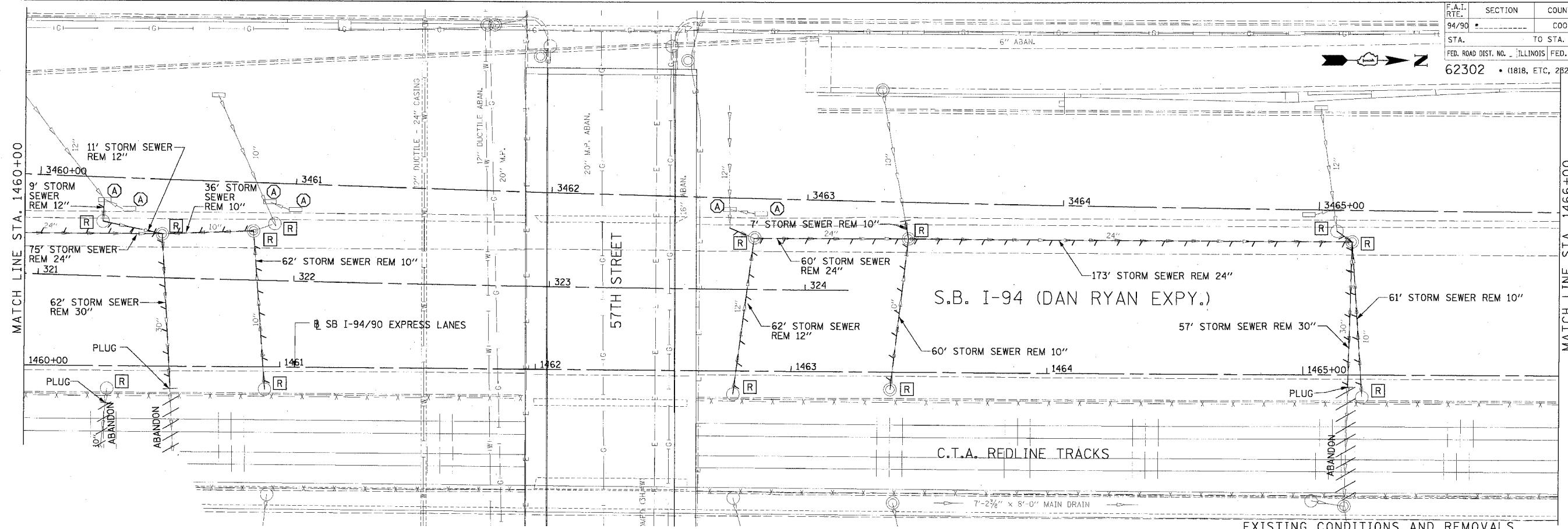
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 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1454+00 TO STA. 1460+00
 SCALE: 1"=20'
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

06/24/2005 09:28:17 PM



NOTE:
 • STRUCTURE BUILT IN CONTRACT 62300

PROPOSED CONDITIONS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION

DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1460+00 TO STA. 1466+00

SCALE: 0" = 10' 10" 20' 30' 40'
 DATE: 7/7/05

DRAWN BY: LPN
 CHECKED BY: PJM

Edwards AND Kelcey

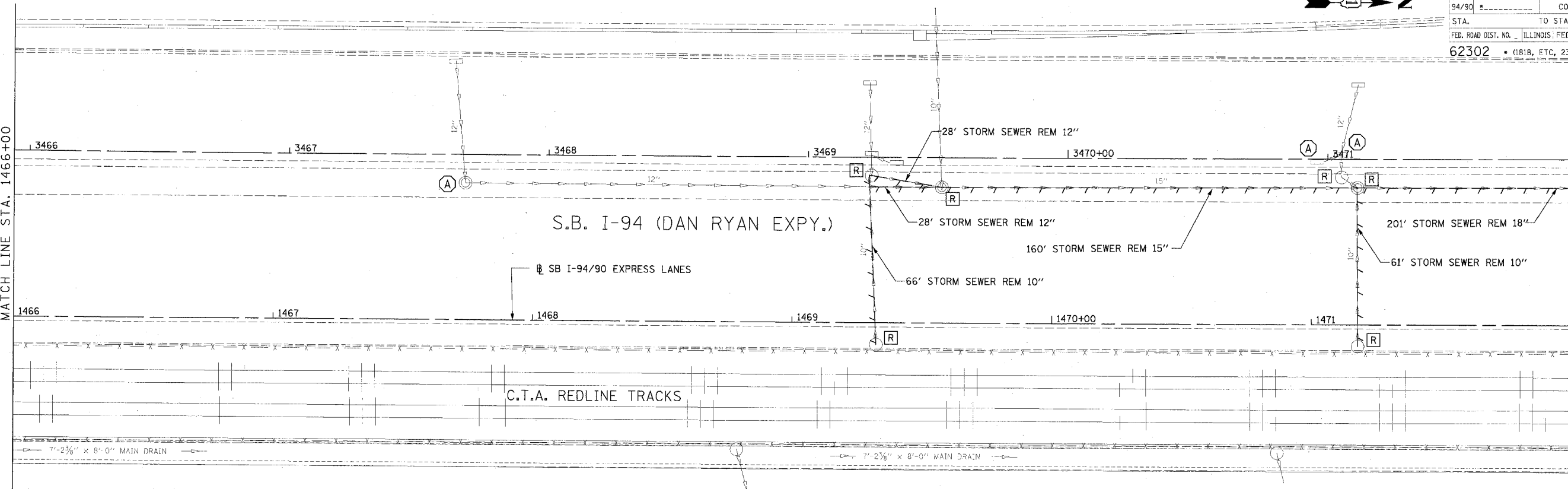
ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

DU-17
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F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 181
STA. 1466+00		TO STA. 1472+00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 62302 • (1818, ETC, 2324.6-1)PR-9				

MATCH LINE STA. 1466+00

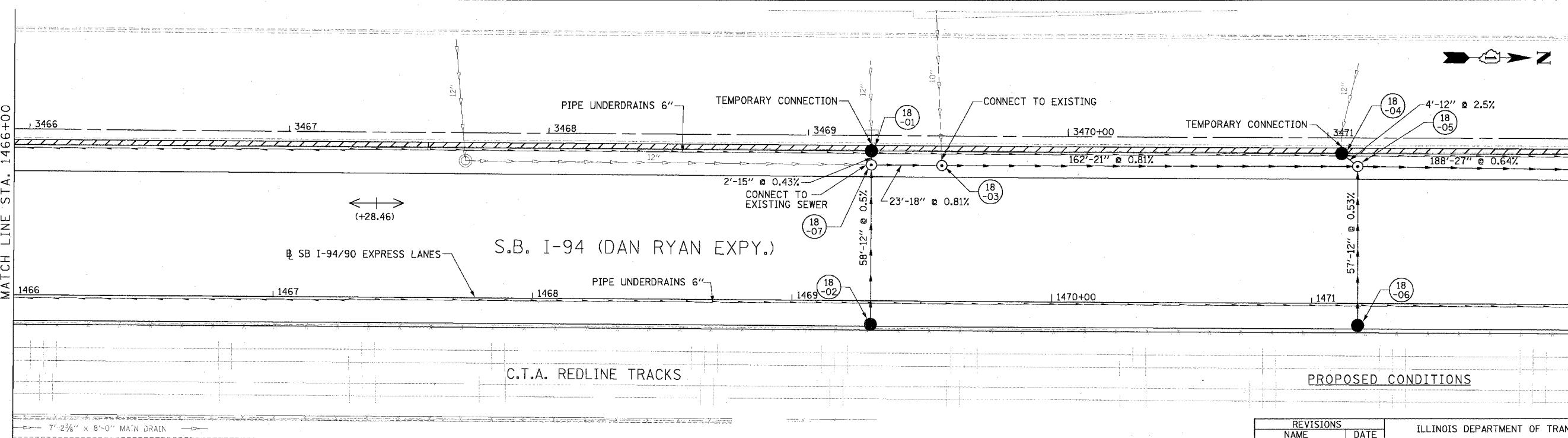
MATCH LINE STA. 1472+00



EXISTING CONDITIONS AND REMOVALS

MATCH LINE STA. 1466+00

MATCH LINE STA. 1472+00



PROPOSED CONDITIONS

DU-18

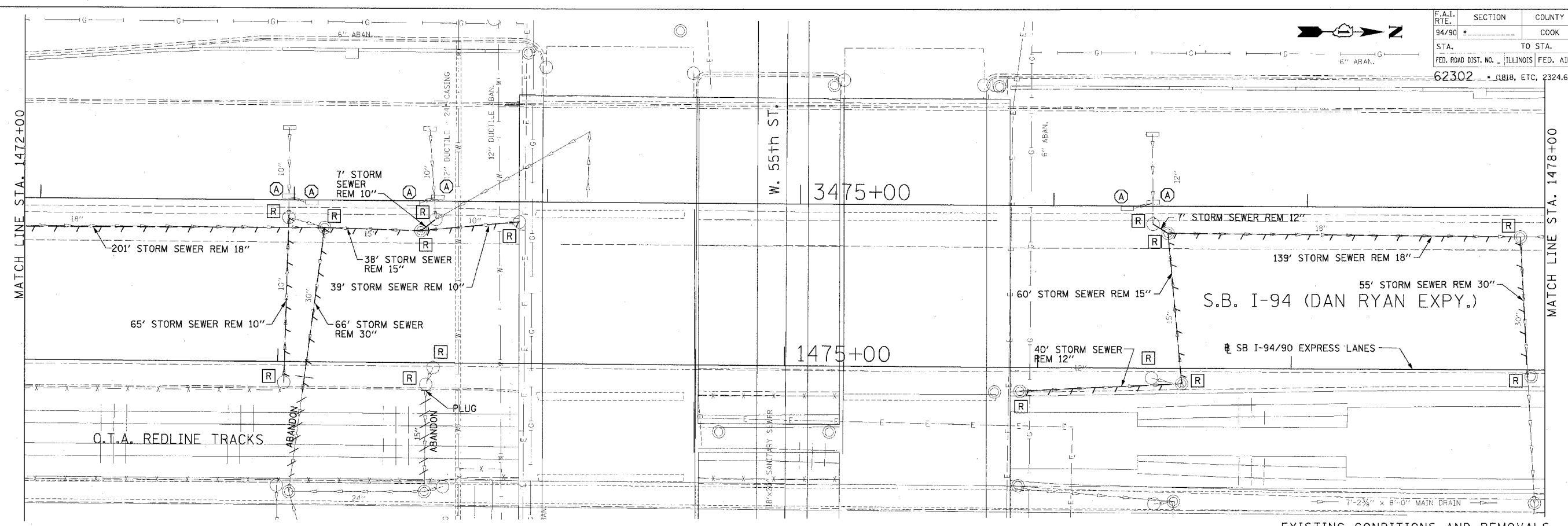
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1466+00 TO STA. 1472+00
 SCALE: 0' 10' 20' 30' 40' 1"=20'
 DATE: 7/7/05 DRAWN BY: LPN CHECKED BY: PJM

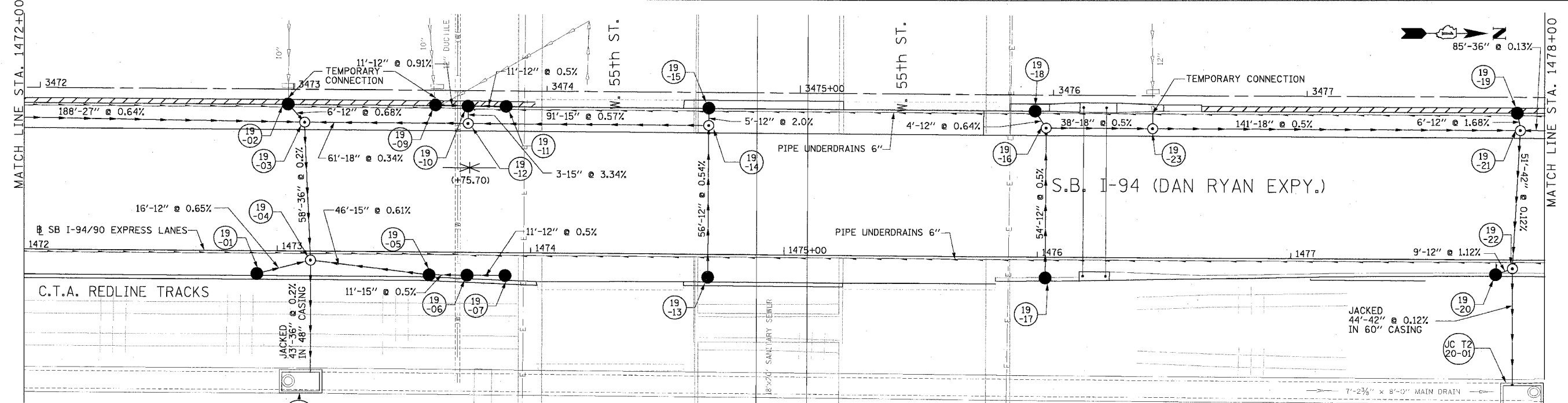
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

06/24/2005 02:21:32 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	182
STA.	TO STA.			
62302	11818, ETC. 2324.6-1PIR-9			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXISTING CONDITIONS AND REMOVALS



DU-19

Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EDKCORP.COM

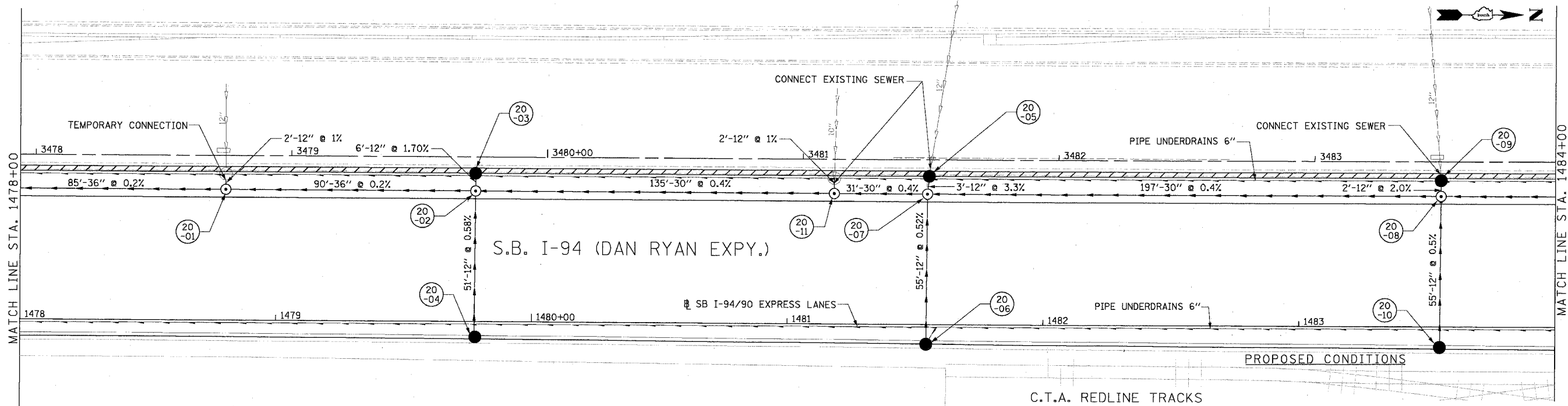
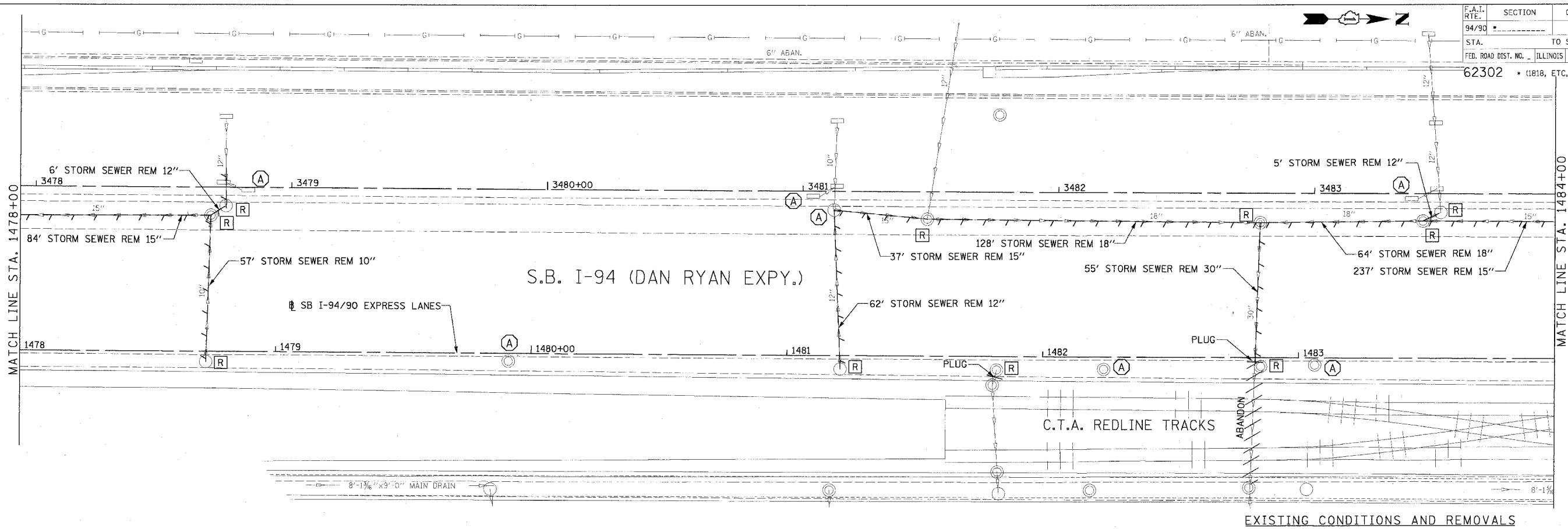
PROPOSED CONDITIONS

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1472+00 TO STA. 1478+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

6/7/2005 12:02:03 PM P:\03\09\05\05\05\05\148\5-CADD\5\415\1925.dwg

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	183
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302 • 11818, ETC, 2324.6-1PR-9				



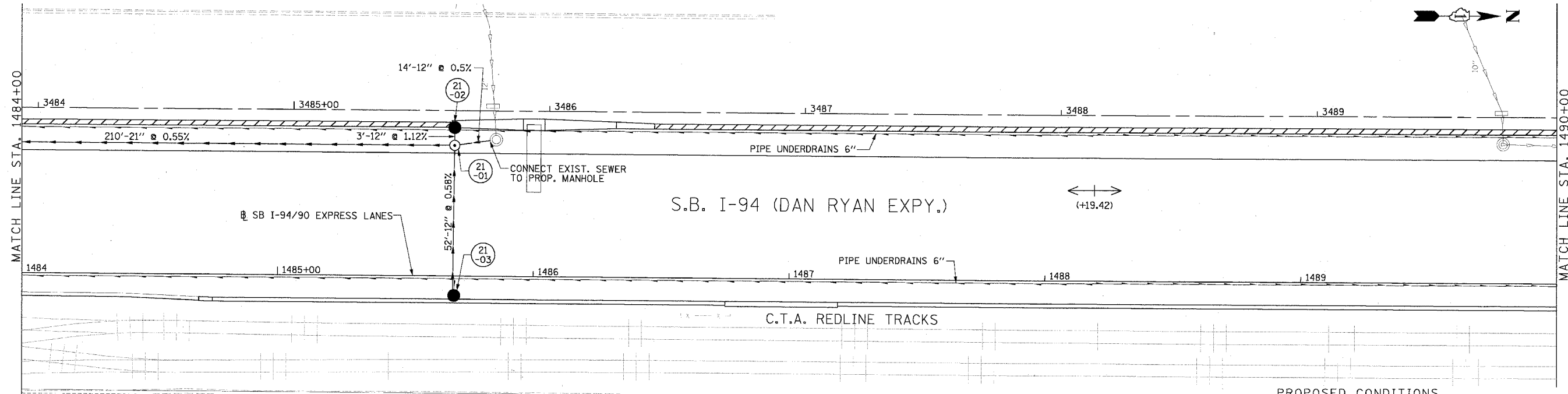
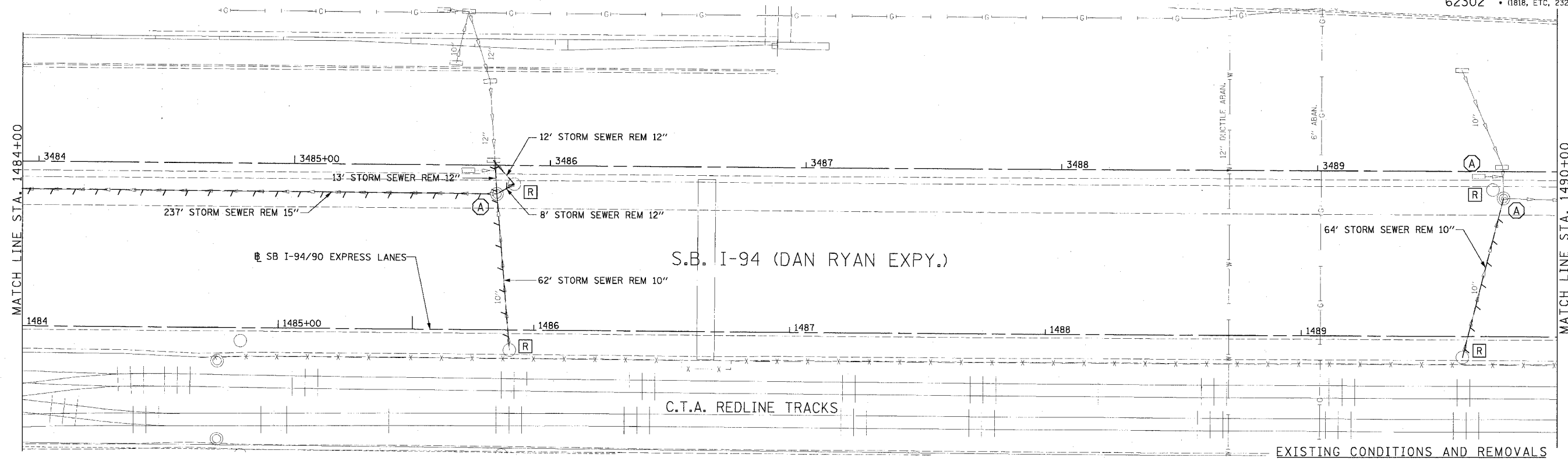
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1478+00 TO STA. 1484+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

**Edwards
 AND Kelcey**
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EDWARDS
 ANDKELCEY.COM

P:\03009035\Con 14815\AD\5\DWG\020202.dwg 06/24/2005 02:22:23 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	596	184
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
62302		1818, ETC, 2324.6-1PJR-9		



DU-21

REVISIONS	
NAME	DATE

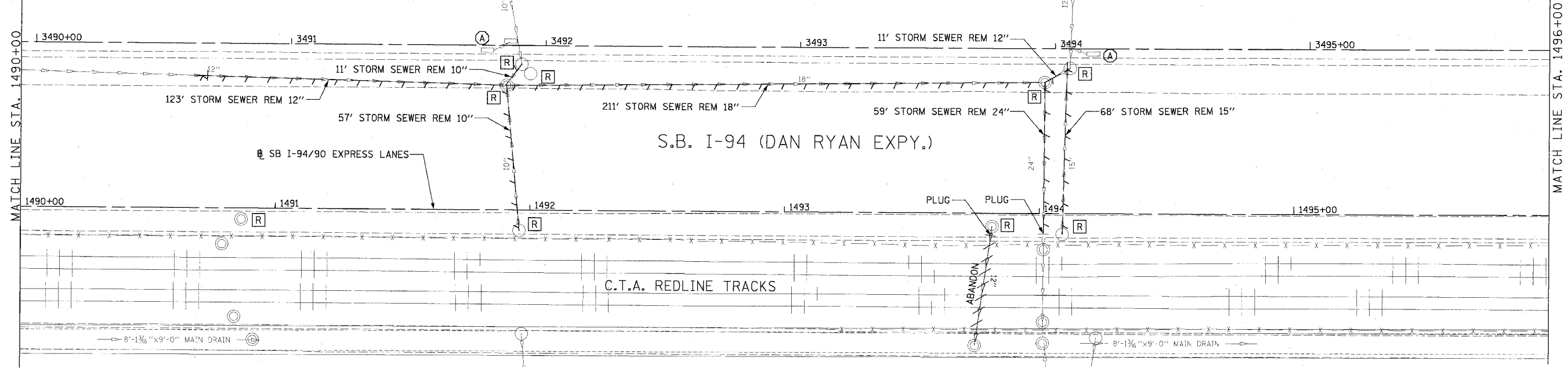
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITES PLAN
 SOUTHBOUND STA. 1484+00 TO STA. 1490+00
 SCALE: 1"=20'
 DATE: 7/1/05

DRAWN BY: LPN
 CHECKED BY: PJM

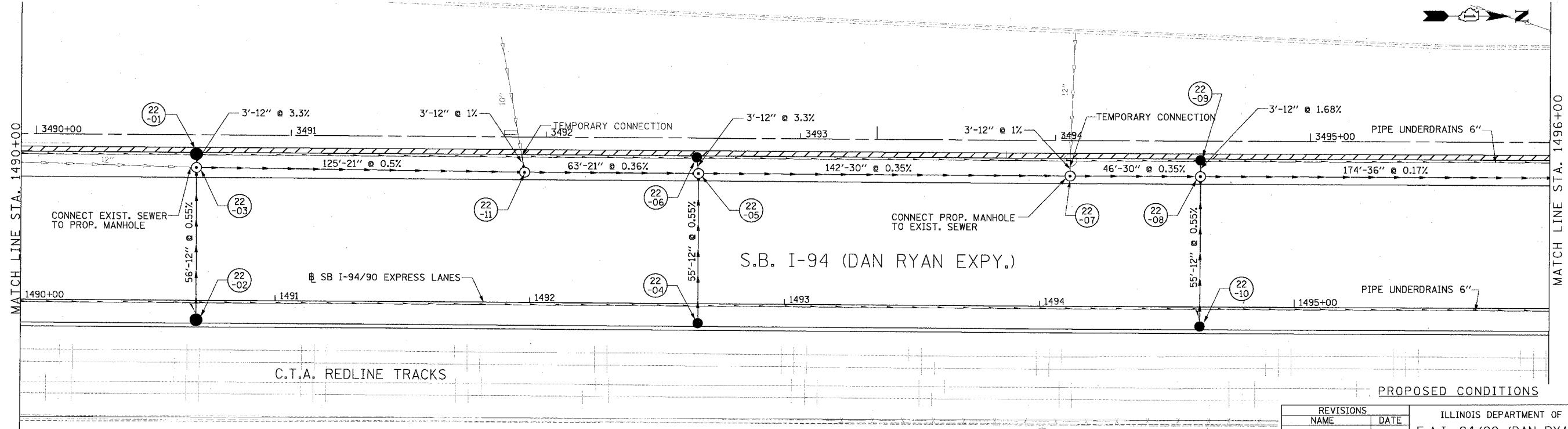
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

06/24/2005 02:23:59 PM

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 185
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
62302		• (1818, ETC, 2324.6-1)PR-9		



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-22

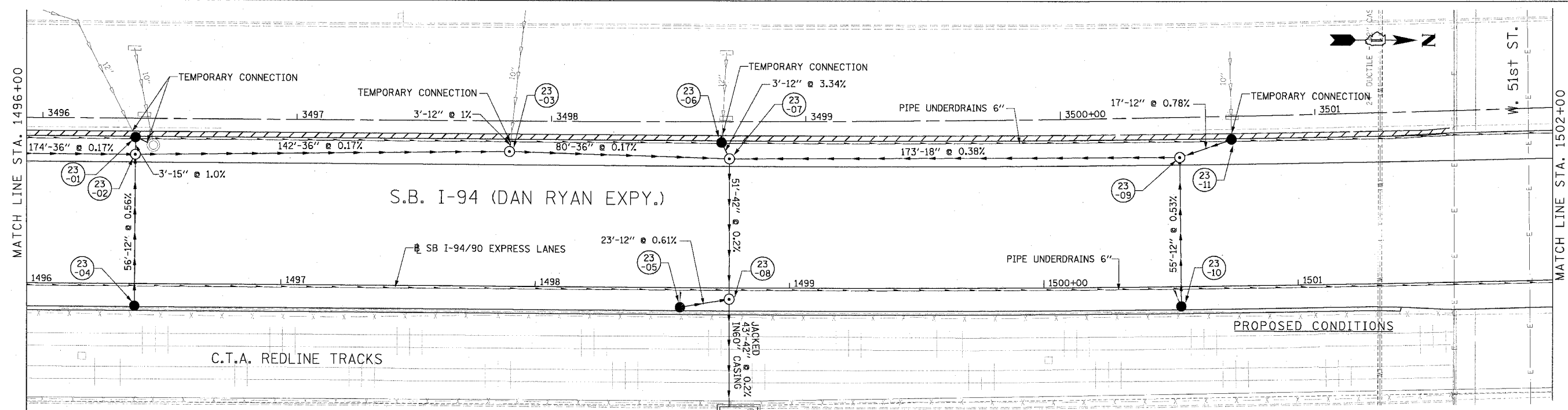
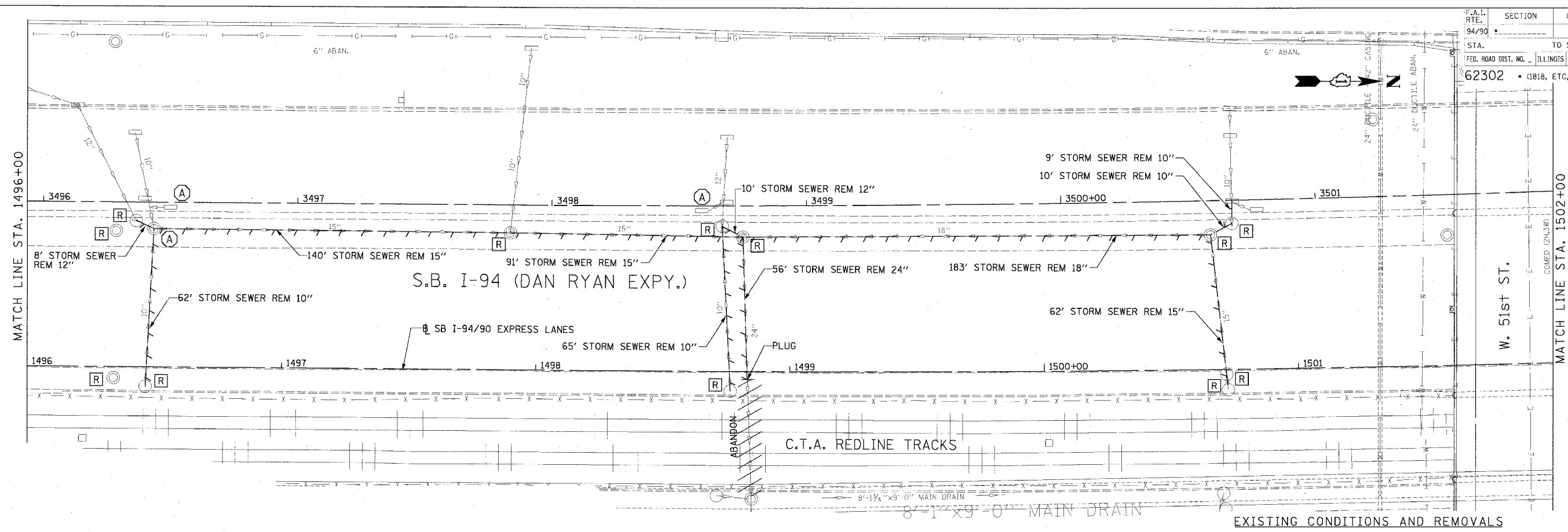
**Edwards
AND Kelcey**
ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
WEB: WWW.EKCORP.COM

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1490+00 TO STA. 1496+00
SCALE: 1"=20'
DATE: 7/1/05
DRAWN BY: LPN
CHECKED BY: PJM

PR:03009035 Con 448/5/CAD/DVS/dj5/022605

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 186
STA. 62302	TO STA. ILLINOIS FED. AID PROJECT 1818, ETC, 2324.6-1PJR-9			



REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION

DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1496+00 TO STA. 1502+00
 1"=20'

SCALE: 0' 10' 20' 30' 40'
 DATE: 7/1/05

DRAWN BY: LPN
 CHECKED BY: PJM

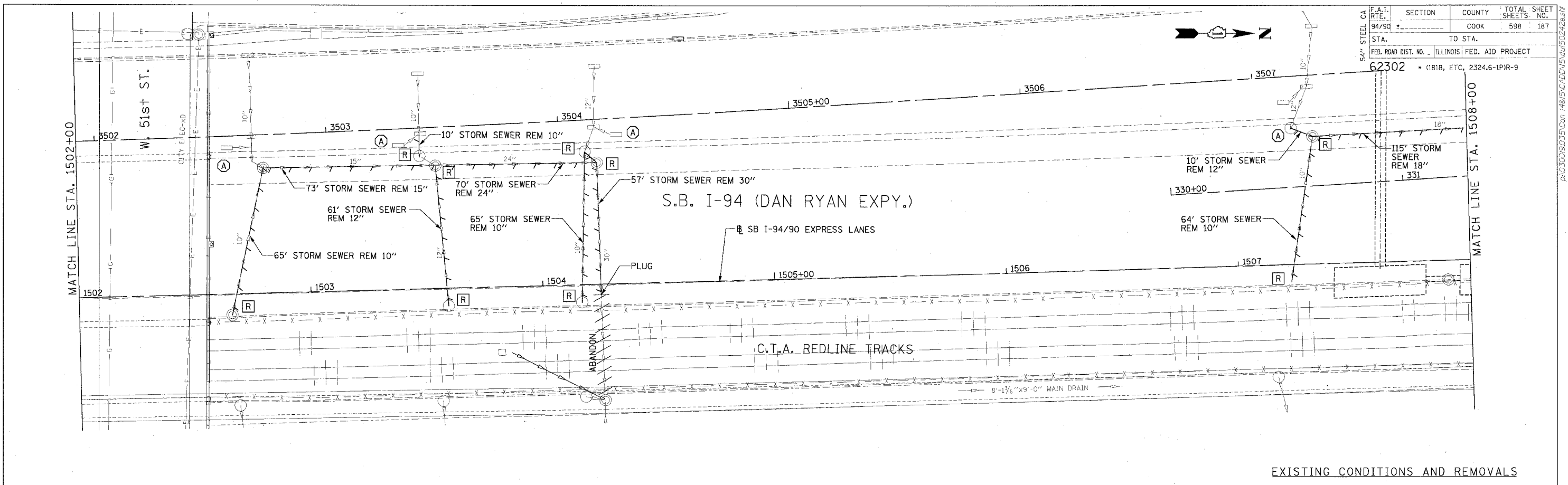
**Edwards
 AND Kelcey**

ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

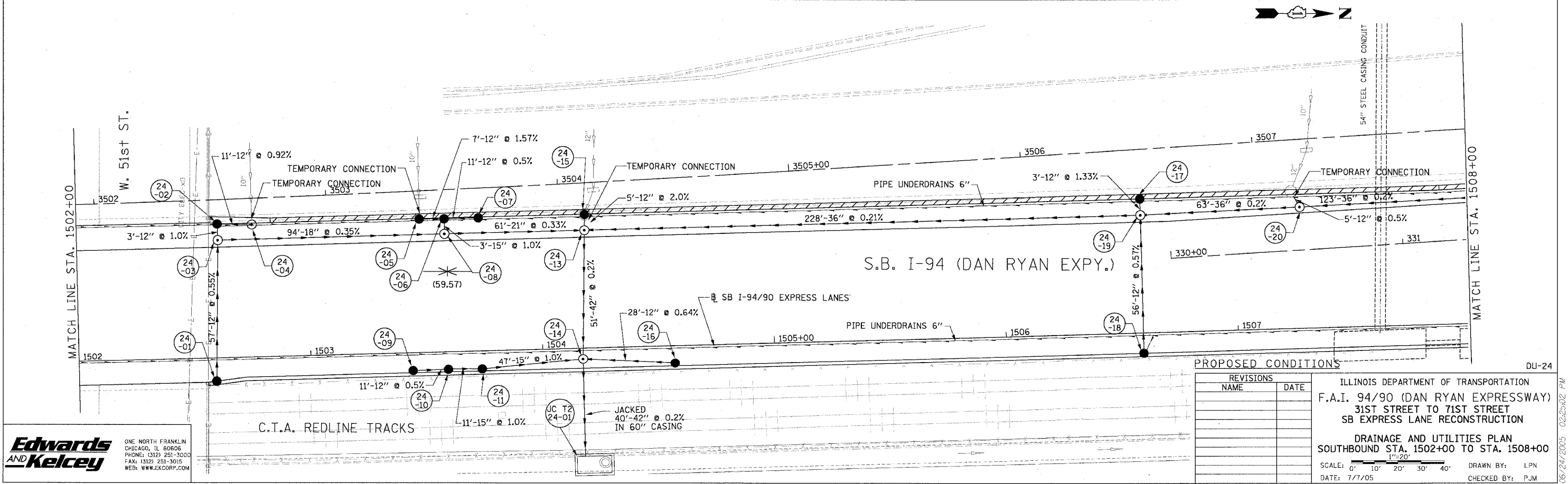
DU-23

PA:030009.035 Con 14815 CAD/UN/5/01/02/128.SW 02-24-31 PM 06/24/2005

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEET SHEETS 598	NO. 187
STA. TO STA.	TO STA.			
FED. ROAD DIST. NO. 62302	ILLINOIS FED. AID PROJECT 181.6, ETC. 2324.6-1PR-9			



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

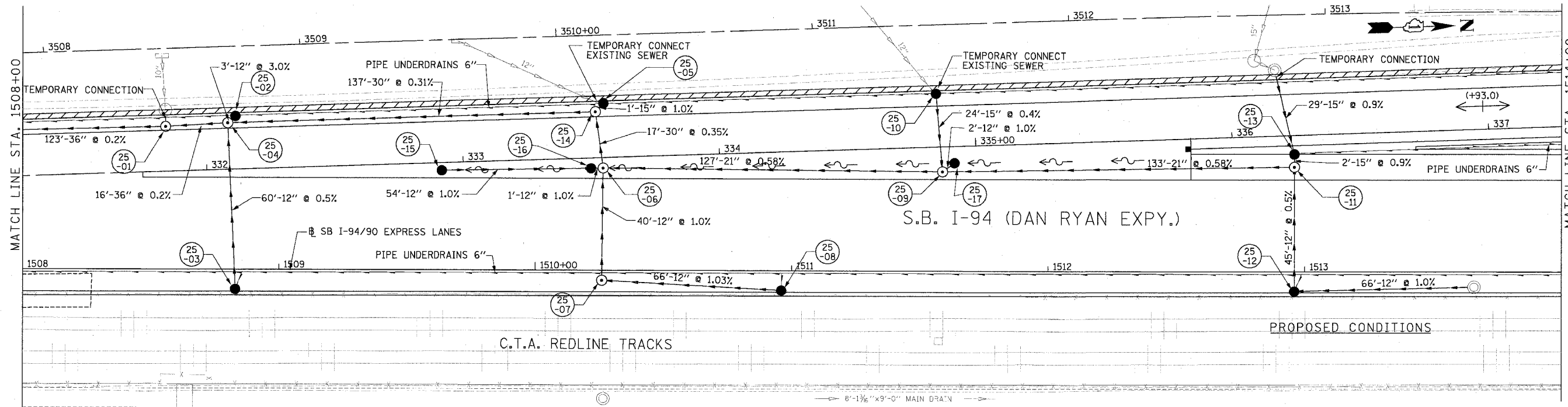
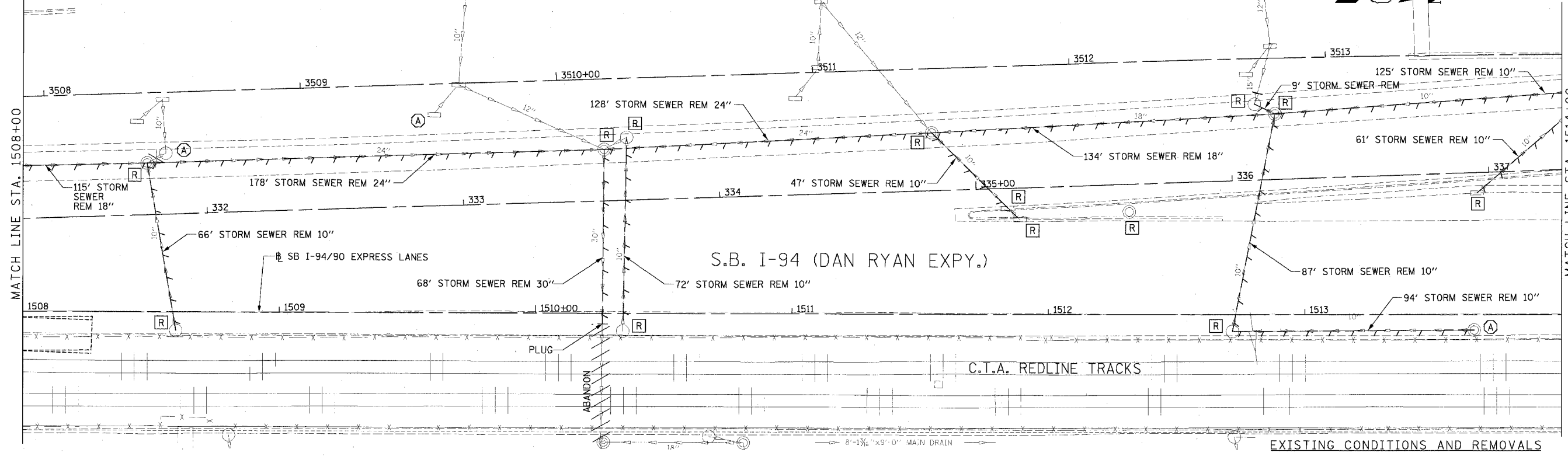
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1502+00 TO STA. 1508+00
 SCALE: 0" = 10' 10" 20' 30' 40'
 DATE: 1/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

06/24/2005 02:23:02 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	188
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	1818, ETC. 2324.6-1PR-9			



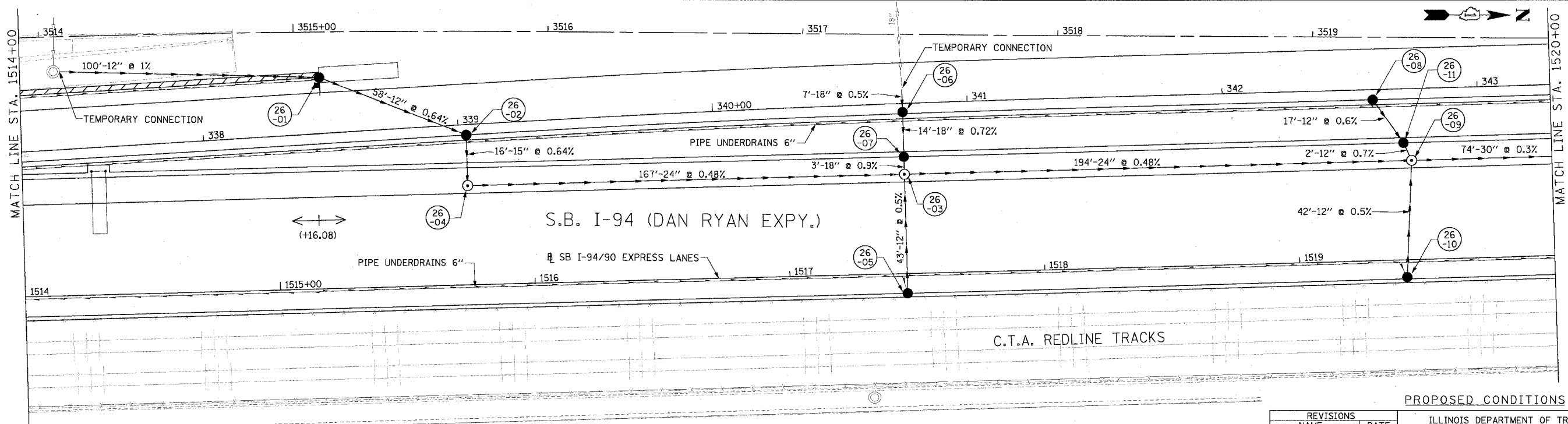
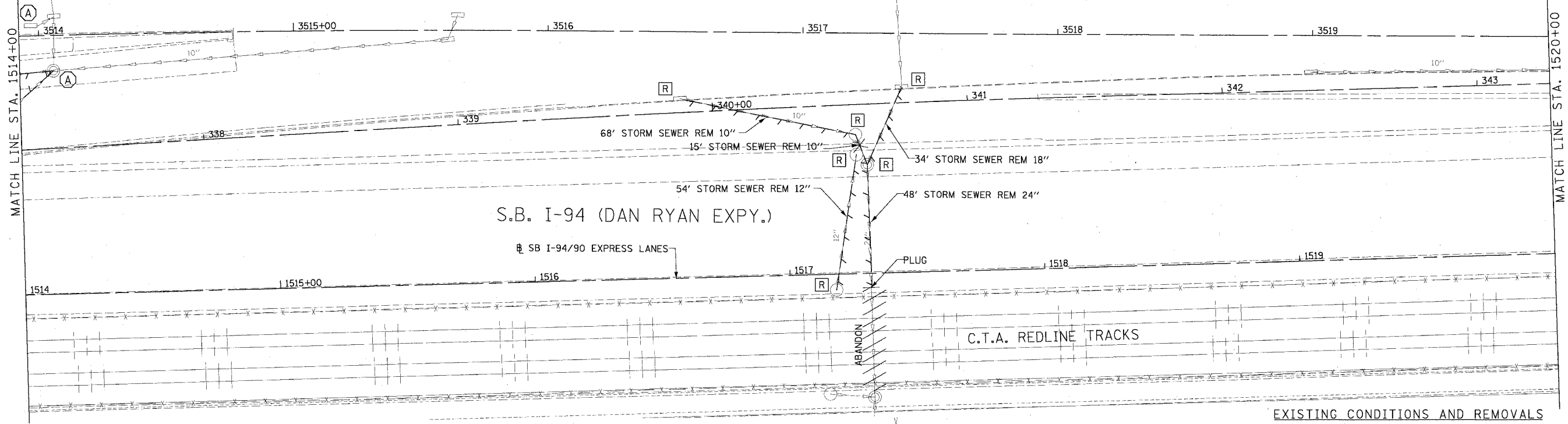
**Edwards
AND
Kelcey**
ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1508+00 TO STA. 1514+00
SCALE: 0' 10' 20' 30' 40'
DATE: 7/7/05
DRAWN BY: LPN
CHECKED BY: PJM

DU-25
06/24/2005 02:25:28 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	189
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	11818, ETC, 2324.6-1P/R-9			



REVISIONS	
NAME	DATE

PROPOSED CONDITIONS DU-26

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION

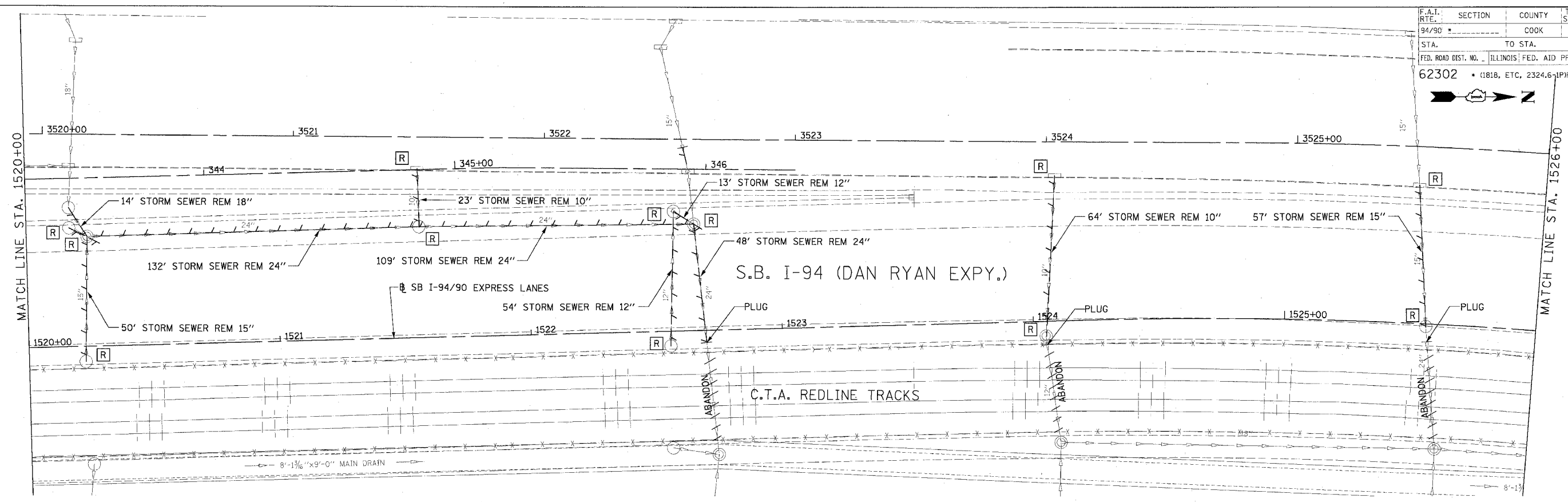
DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1514+00 TO STA. 1520+00

SCALE: 0' 10' 20' 30' 40' 1"=20'
 DATE: 7/7/05 DRAWN BY: LPN
 CHECKED BY: PJM

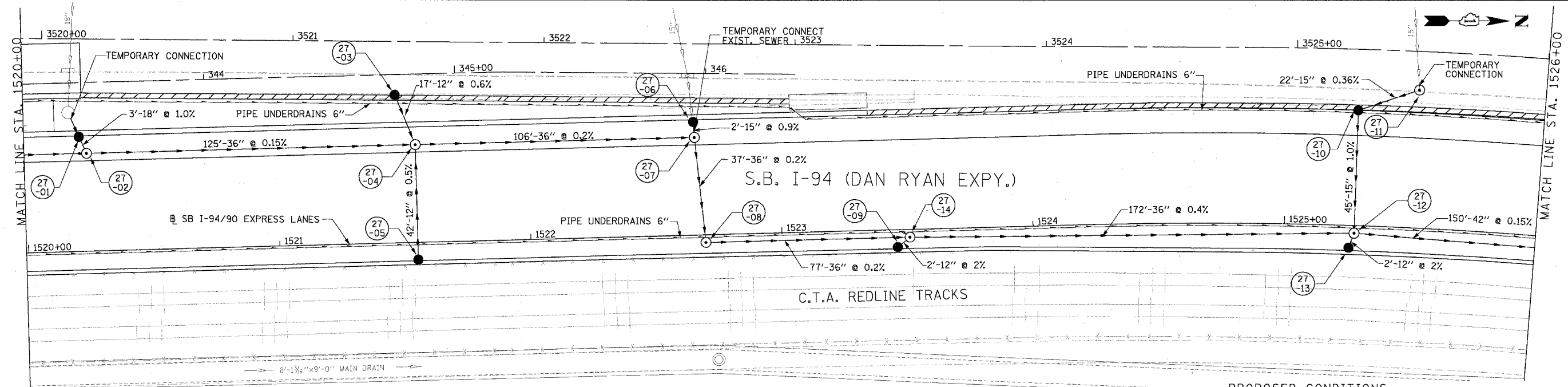
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
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 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

P:\030009\035\Con_H&M\SCADD\1514to1520\152026.dwg 06/24/2005 02:24:53 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	190
STA.		TO STA.		
62302		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 181B, ETC. 2324.6-1PR-9				



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-27

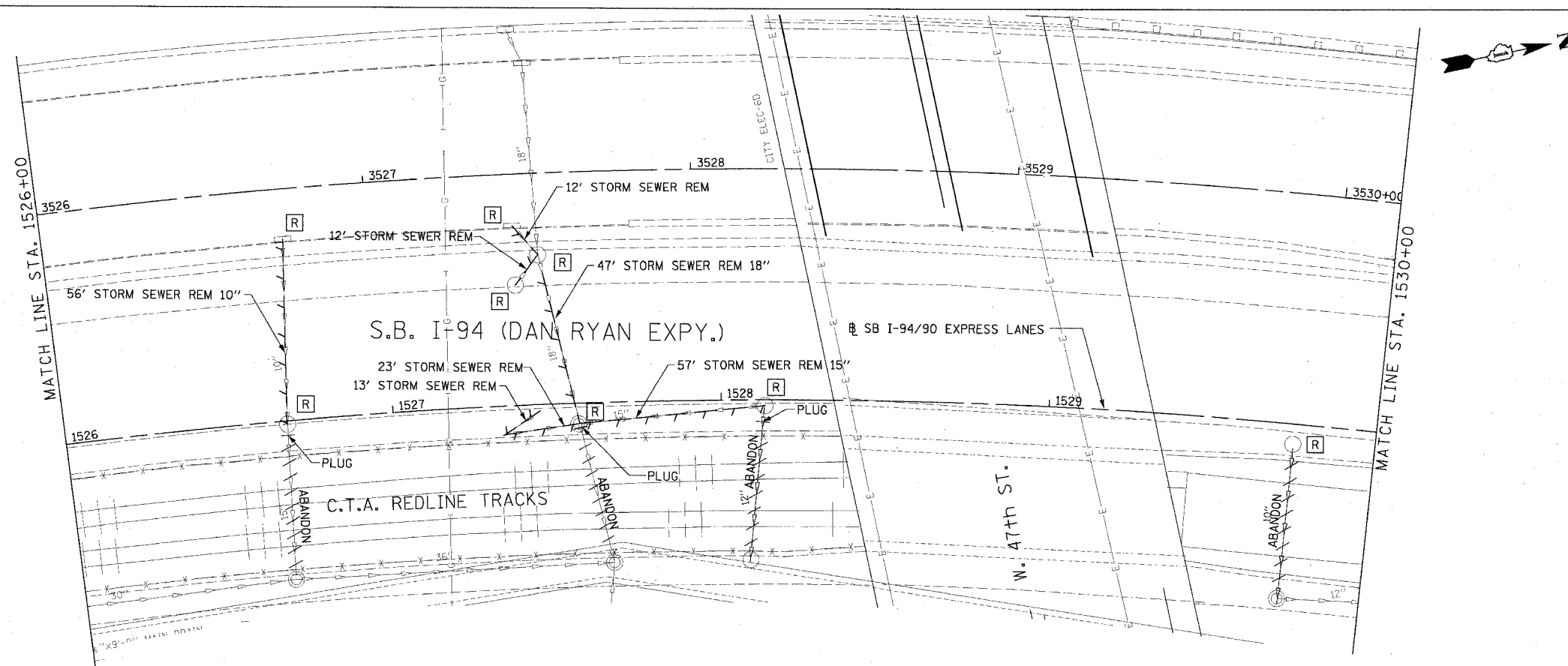
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1520+00 TO STA. 1526+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/1/05
 DRAWN BY: LPN
 CHECKED BY: PJM

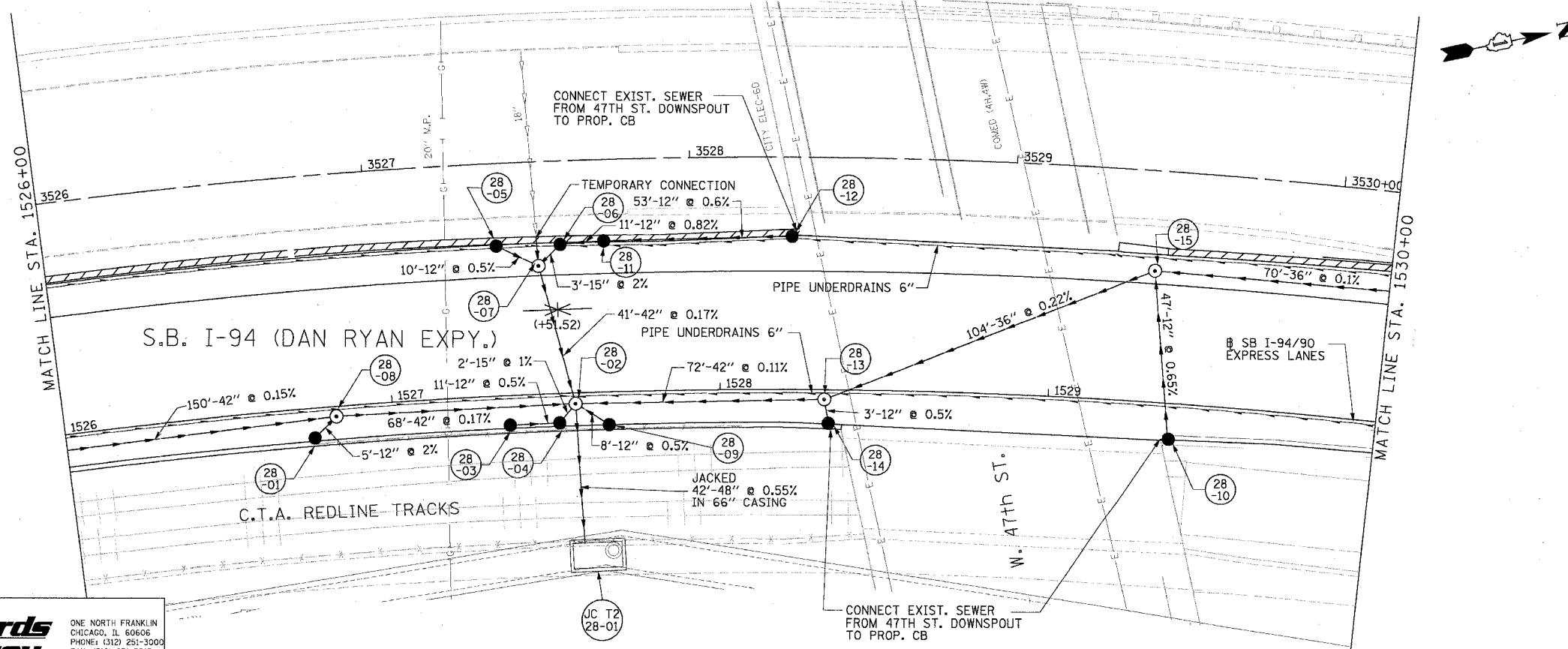
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 CHICAGO, IL 60606
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 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

06/24/2005 02:26:27 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	191
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302 • (1818, ETC, 2324.6-1P)R-9				



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

REVISIONS	
NAME	DATE

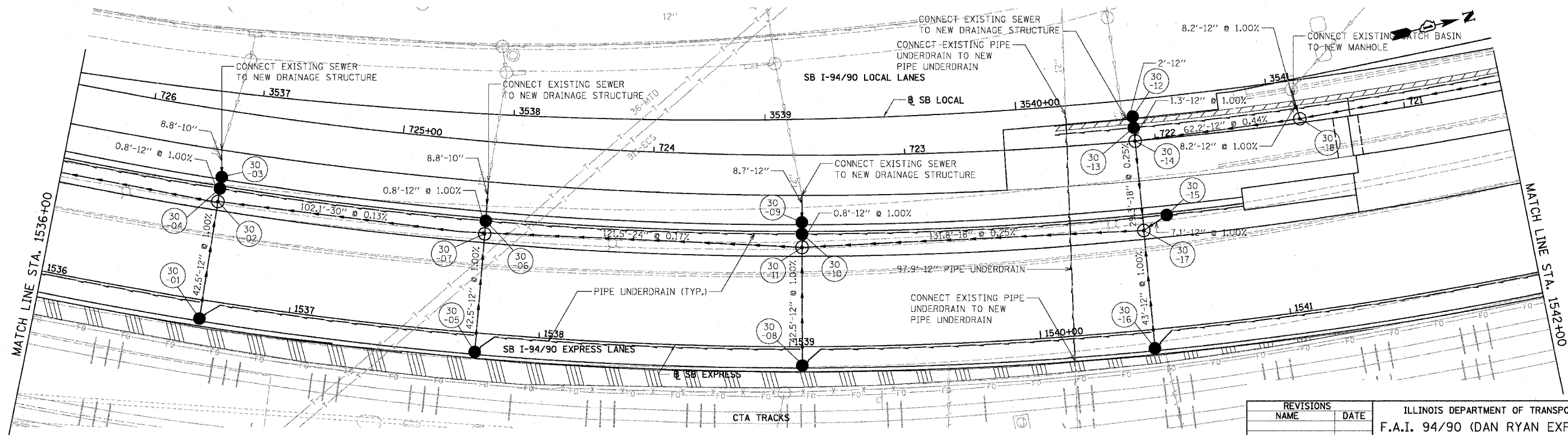
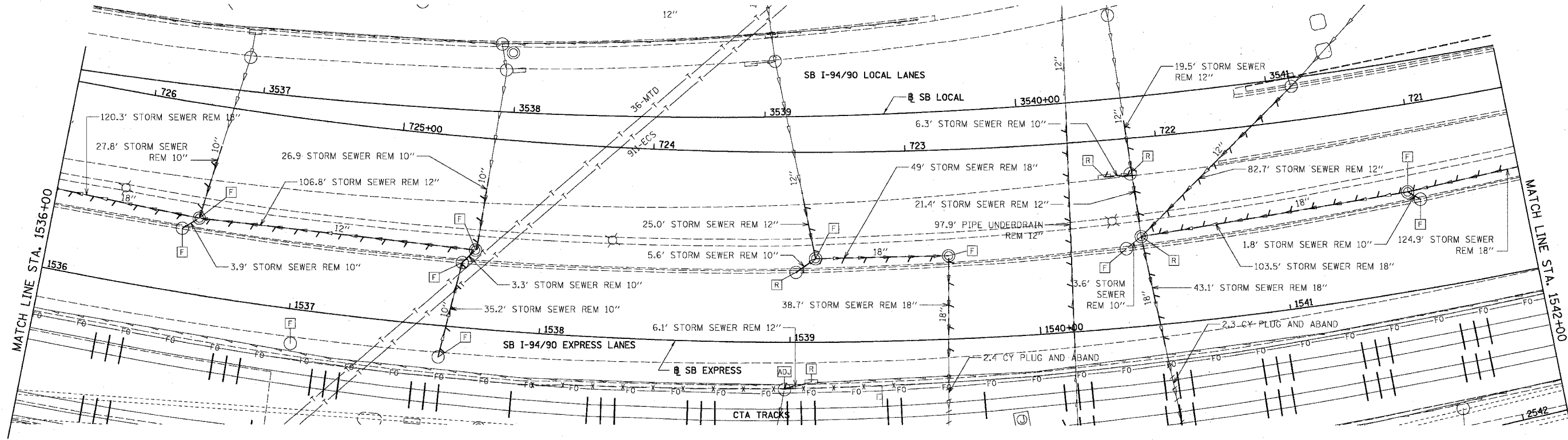
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1526+00 TO STA. 1530+00
 SCALE: 0' 10' 20' 30' 40' 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

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 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
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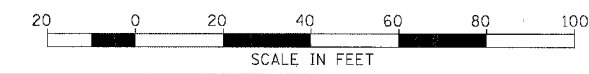
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EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	193
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	(181B, ETC, 2324.6-1P1R-9			



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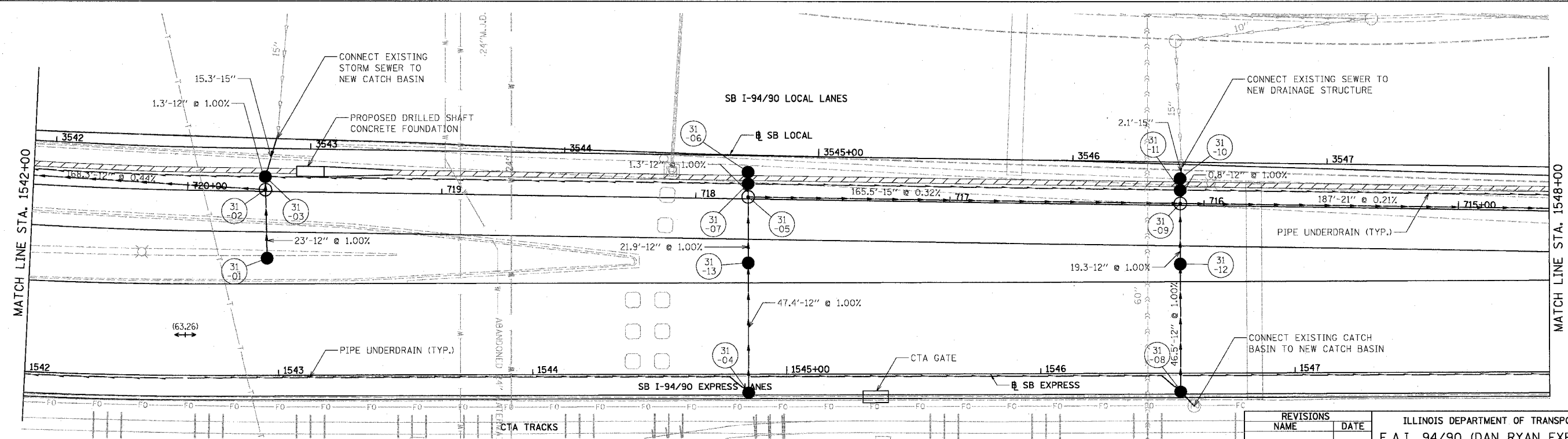
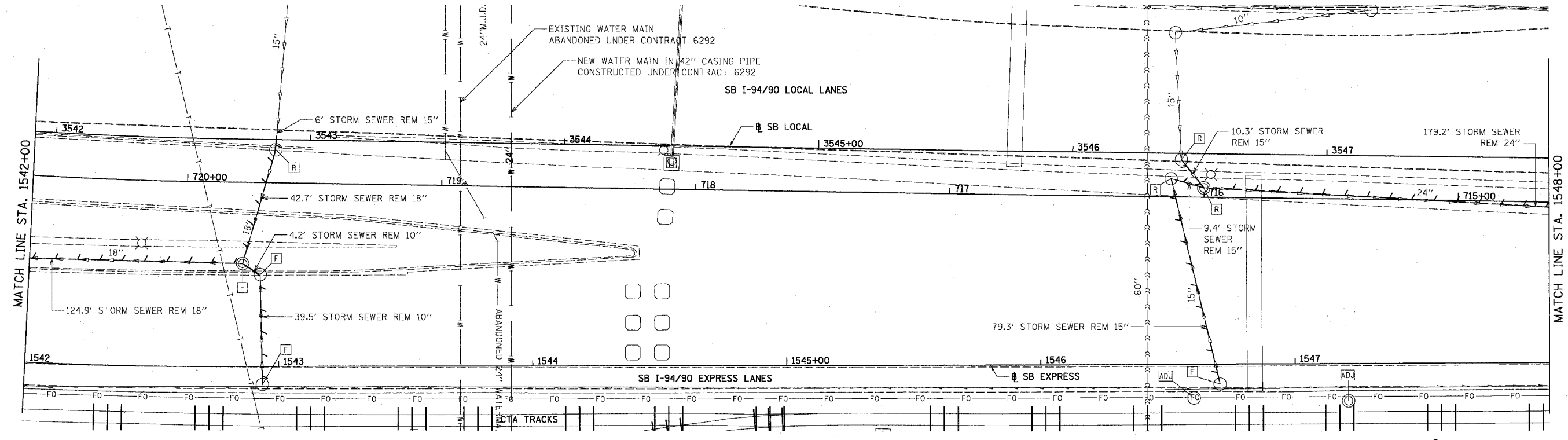
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1536+00 TO STA. 1542+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

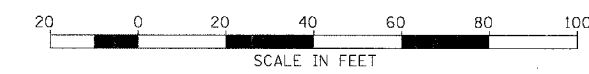
DU-30
06/29/2005

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	194
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-1PR-9		



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PROPOSED CONDITIONS

REVISIONS	NAME	DATE

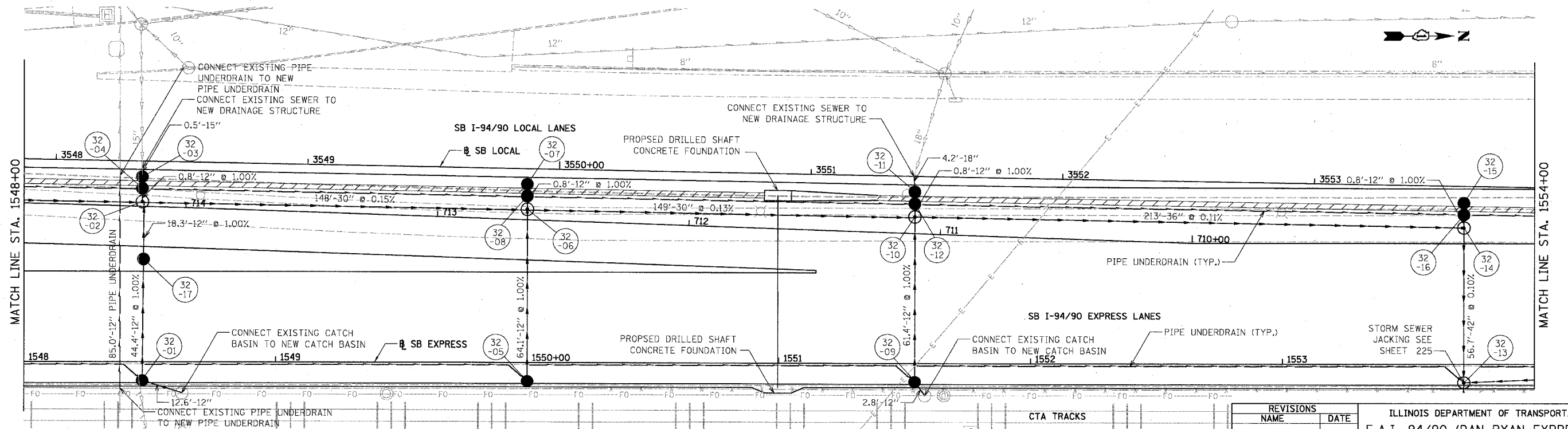
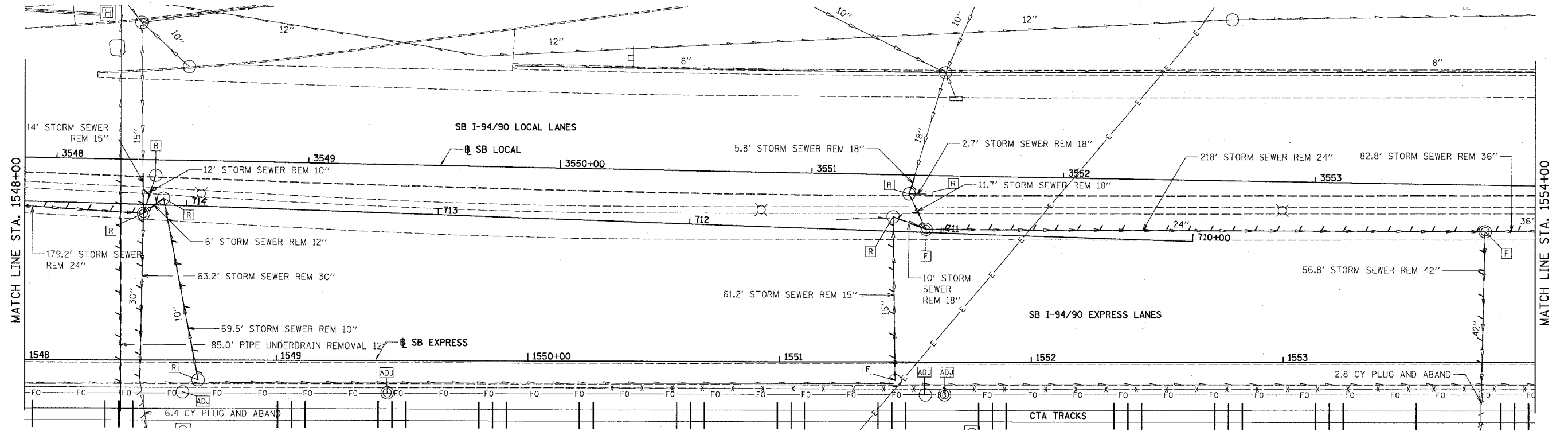
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1542+00 TO STA. 1548+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

DU-31

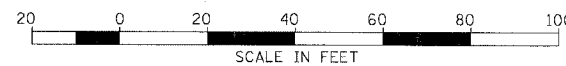
12/29/2005

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	195
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	• (1818, ETC, 2324.6-1)PR-9			



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PROPOSED CONDITIONS

REVISIONS	DATE
NAME	

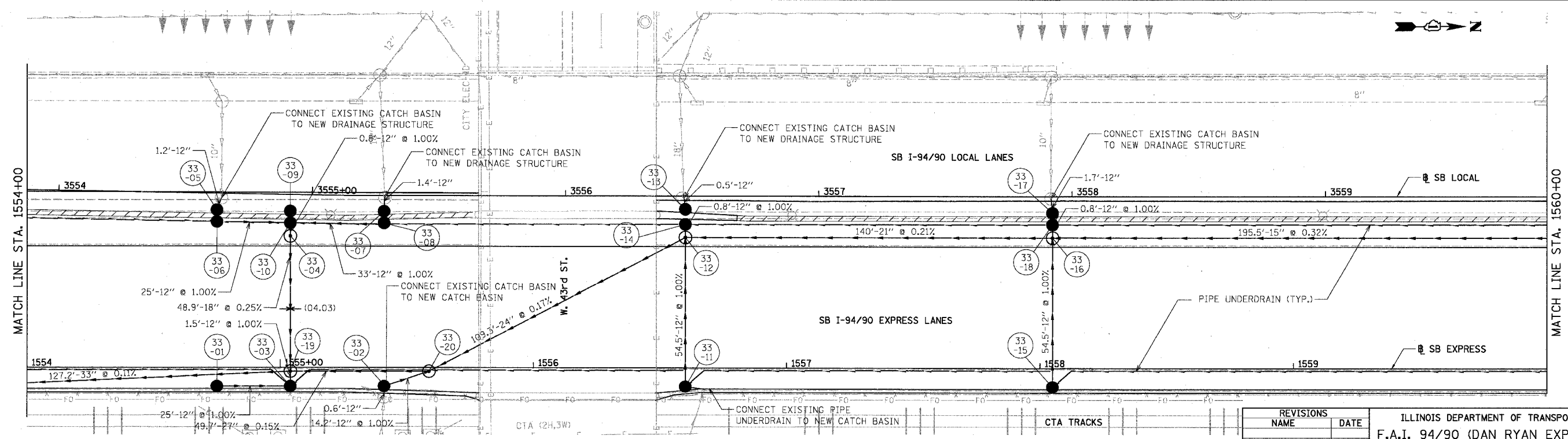
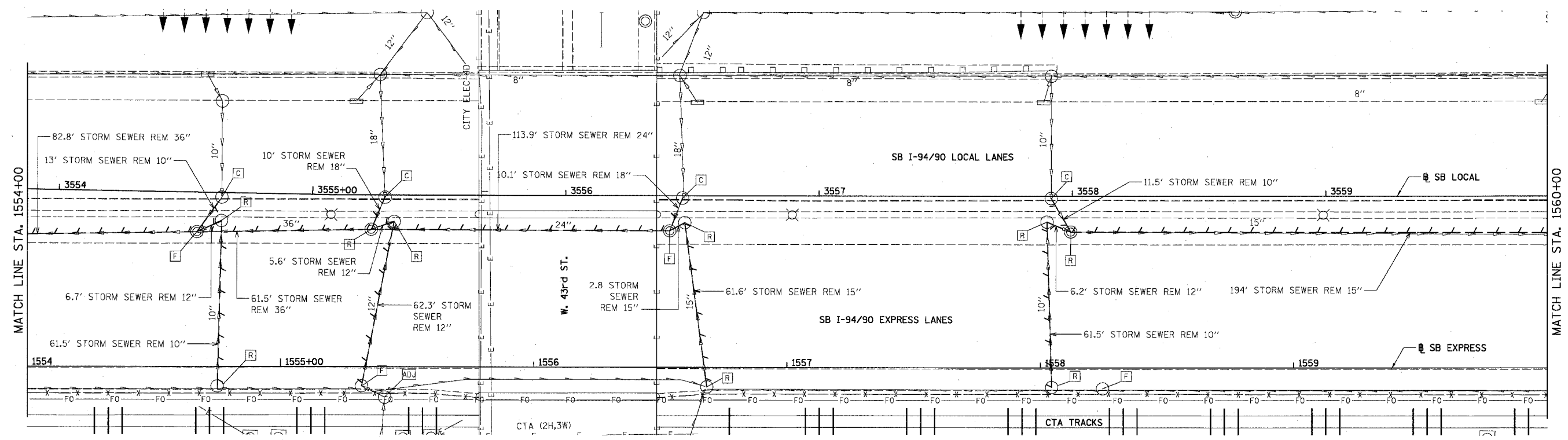
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1548+00 TO STA. 1554+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

DU-32

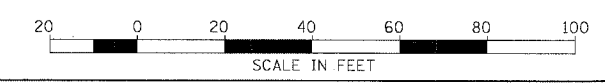
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EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	196
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	0818, ETC. 2324.6-1P/R-9			



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PROPOSED CONDITIONS

REVISIONS	DATE

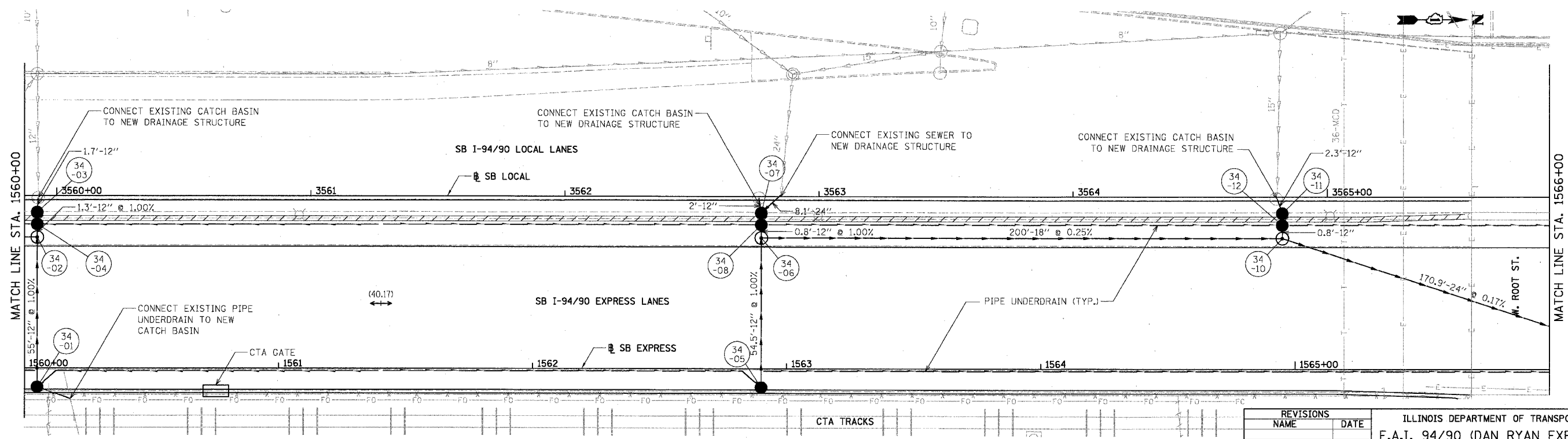
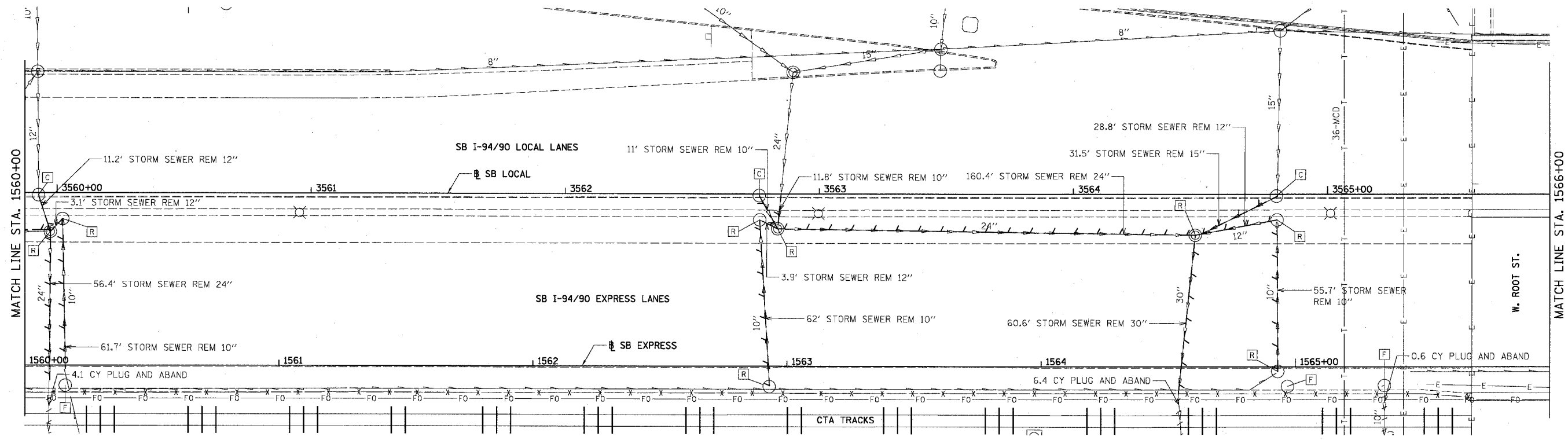
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1554+00 TO STA. 1560+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

DU-33

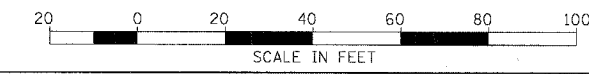
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EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	197
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302			* (1818, ETC, 2324.6-1)PR-9	



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PROPOSED CONDITIONS

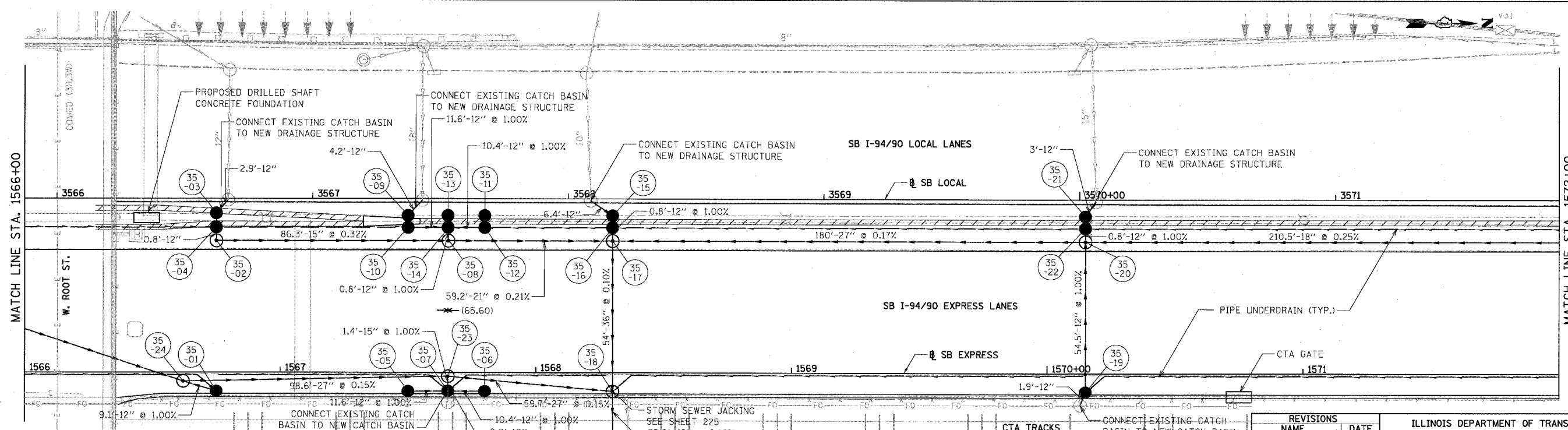
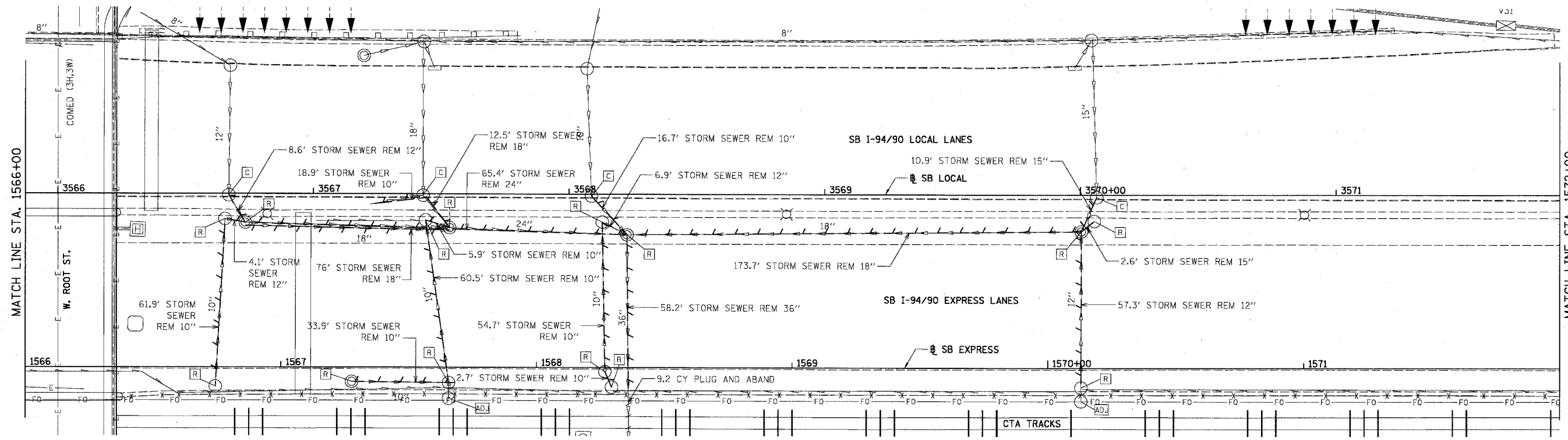
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1560+00 TO STA. 1566+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

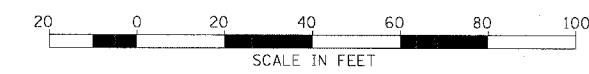
DU-34
12/29/05 PM

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	198
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		• (1818, ETC, 2324.6-1)PR-9		



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PROPOSED CONDITIONS

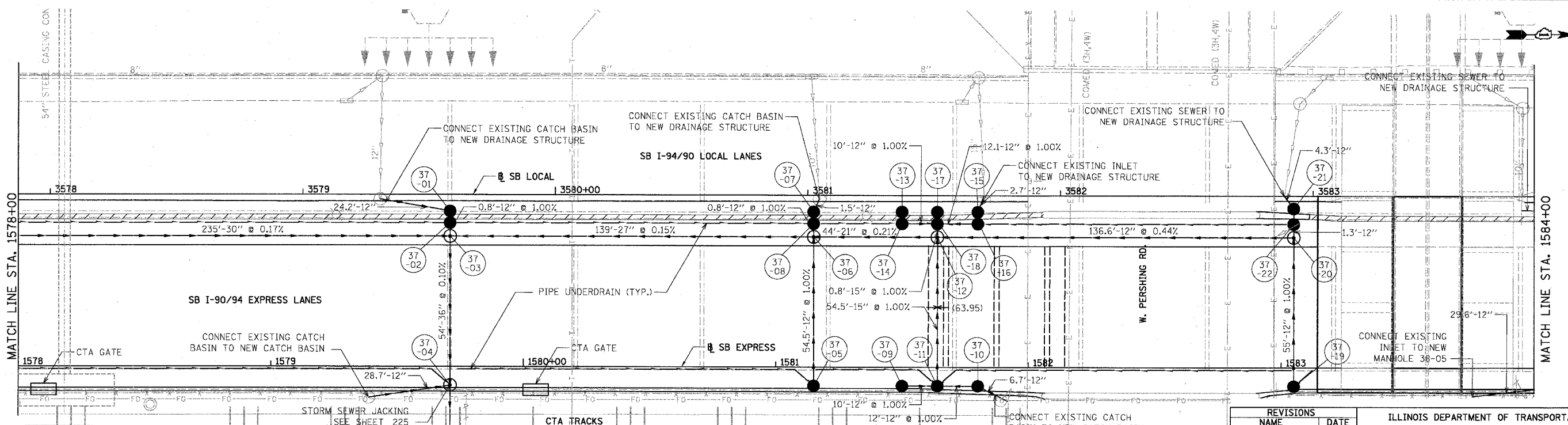
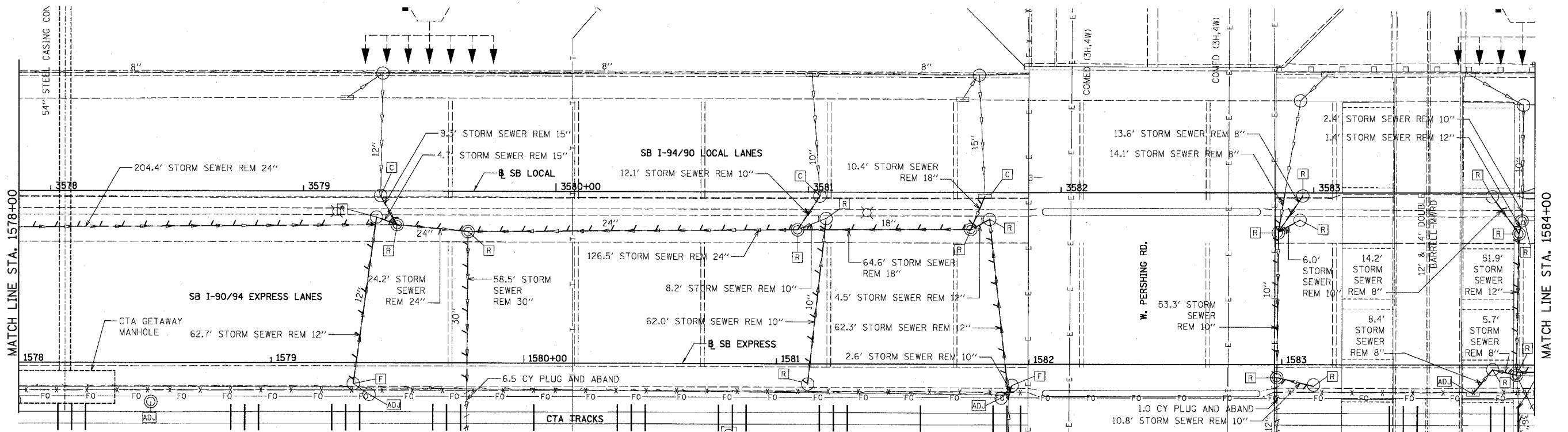
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1566+00 TO STA. 1572+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

DU-35
12/5/05 PM

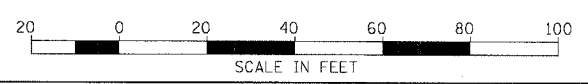
EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	200
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		(181B, ETC, 2324.6-1P)R-9		
62302				



REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1578+00 TO STA. 1584+00
 SCALE: 1"=20'
 DATE: 07/07/05
 DRAWN BY: OC
 CHECKED BY: DDM



PROPOSED CONDITIONS

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DU-37
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