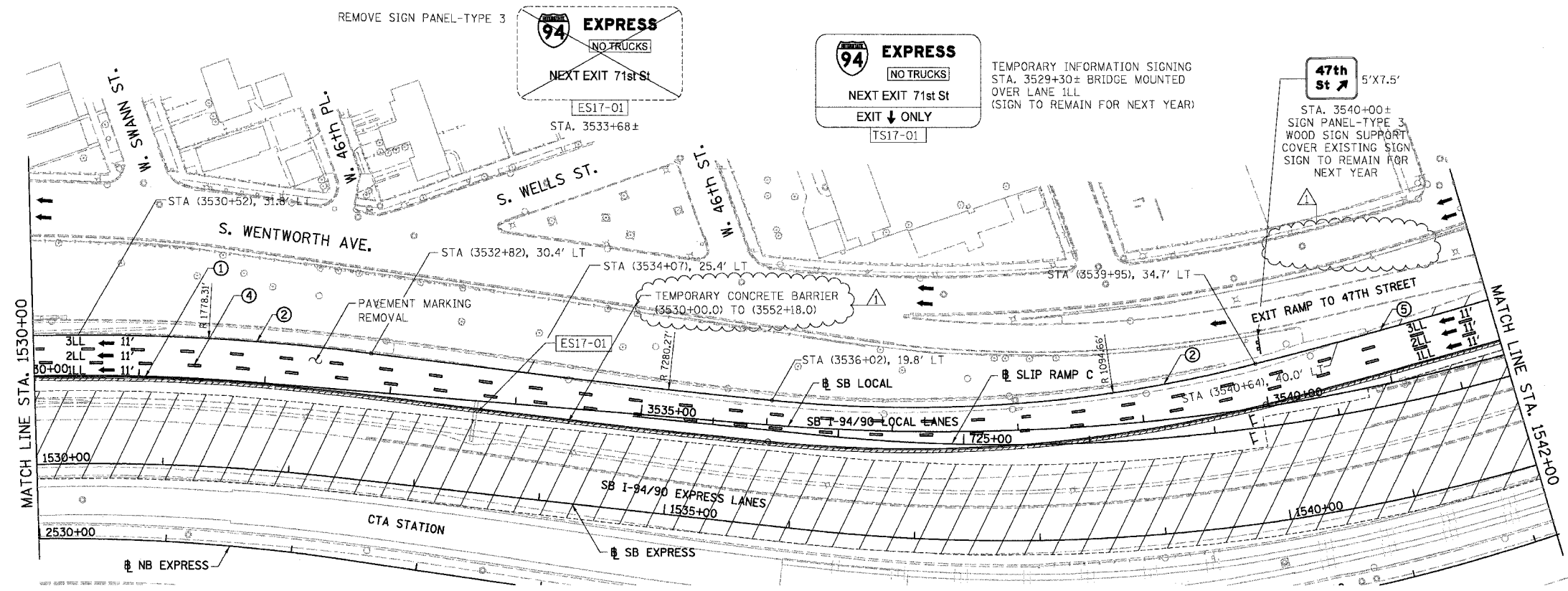
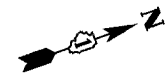
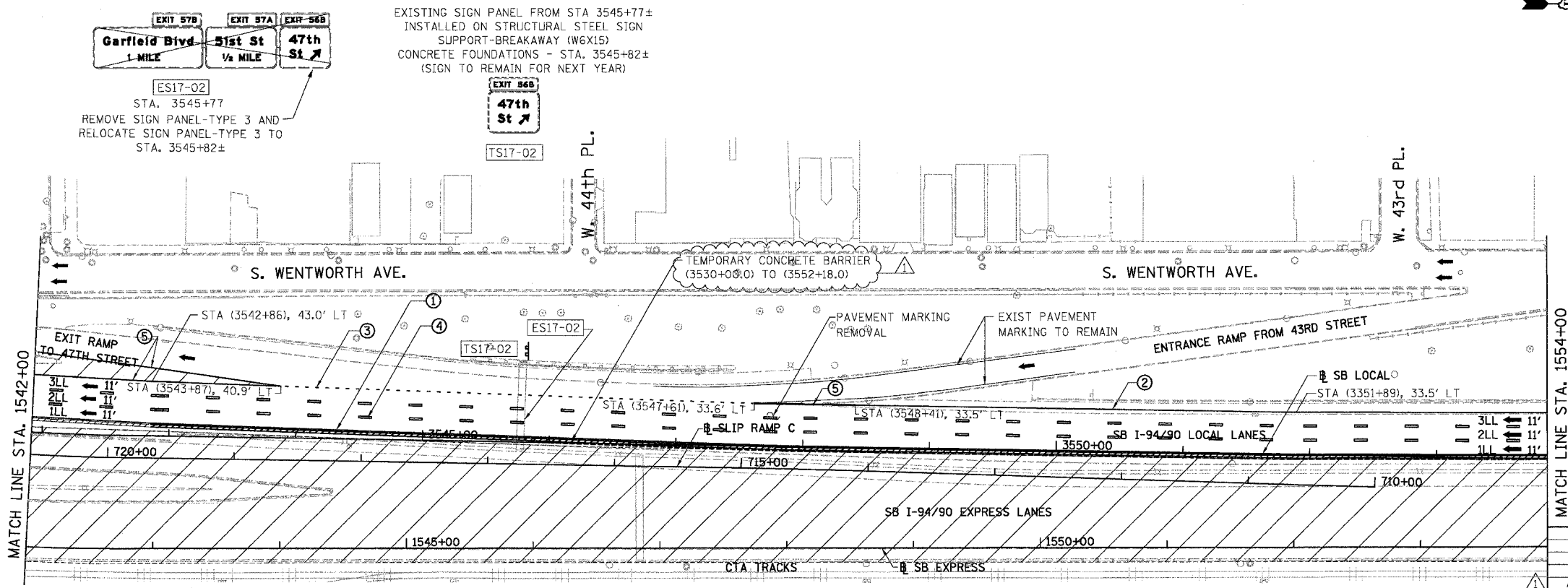


F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	101
STA. 1530+00		TO STA. 1554+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*1818, ETC, 2324.6-1PJR-9			



- 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 SB I-90/94 EXPRESS LANES

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

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

NOTE:

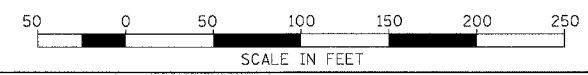
ALL PAVEMENT MARKINGS ON THIS SHEET WILL BE PAVEMENT MARKING TAPE, TYPE III, UNLESS OTHERWISE NOTED.

REVISIONS	DATE
ADDENDUM 1	8/12/05

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



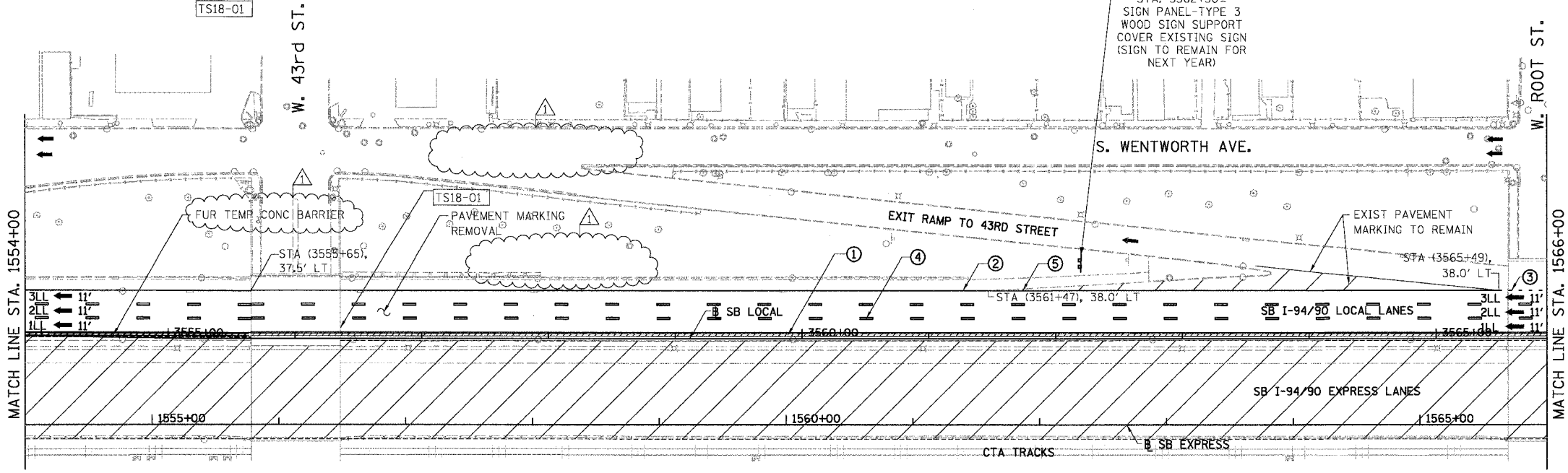
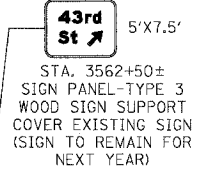
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MOT-16 8/10/2005

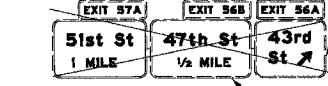
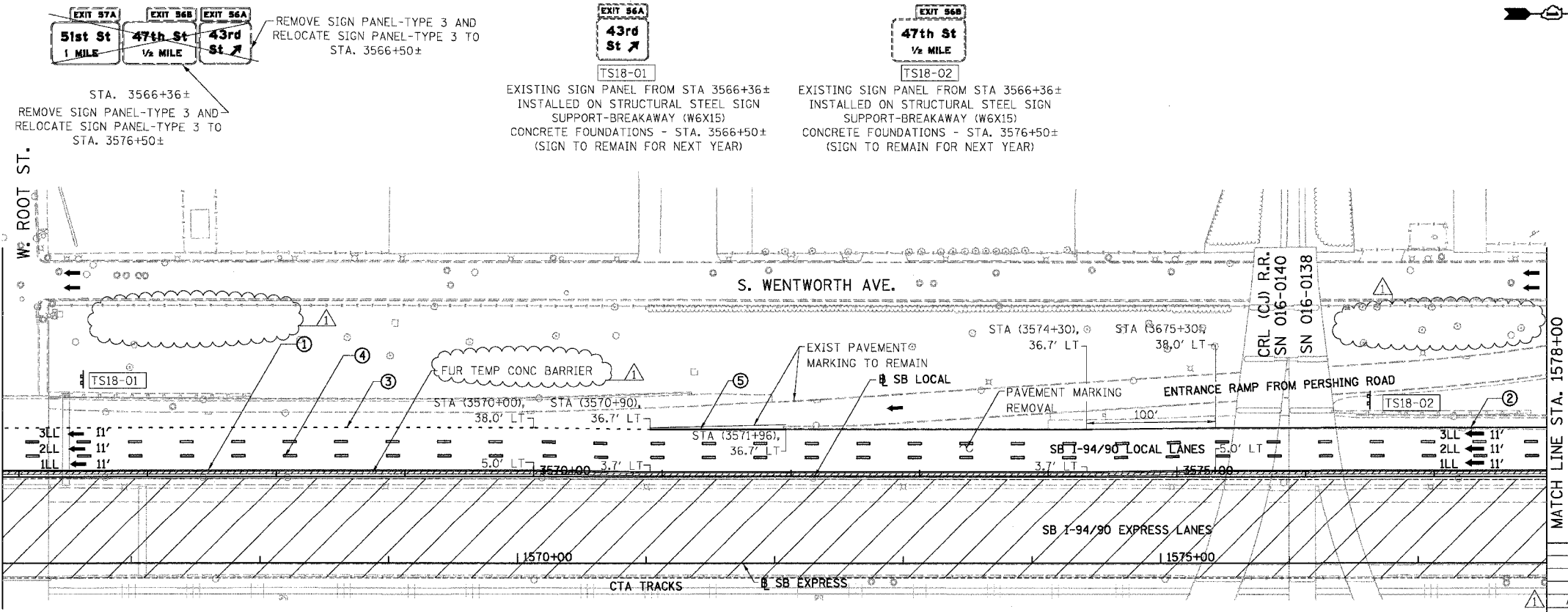
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	102
STA. 1554+00		TO STA. 1578+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		*1818, ETC, 2324.6-1PR-9		



TEMPORARY INFORMATION SIGNING
BRIDGE MOUNTED STA. 3556+35±
(SIGN TO REMAIN FOR NEXT YEAR)



- 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



REMOVE SIGN PANEL-TYPE 3 AND RELOCATE SIGN PANEL-TYPE 3 TO STA. 3566+50±

EXISTING SIGN PANEL FROM STA 3566+36± INSTALLED ON STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY (W6X15) CONCRETE FOUNDATIONS - STA. 3566+50± (SIGN TO REMAIN FOR NEXT YEAR)

EXISTING SIGN PANEL FROM STA 3566+36± INSTALLED ON STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY (W6X15) CONCRETE FOUNDATIONS - STA. 3576+50± (SIGN TO REMAIN FOR NEXT YEAR)

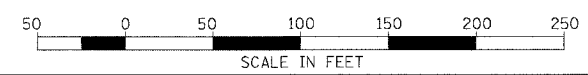
STATIONING

- +##.## 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
ADDENDUM 1	8/12/05

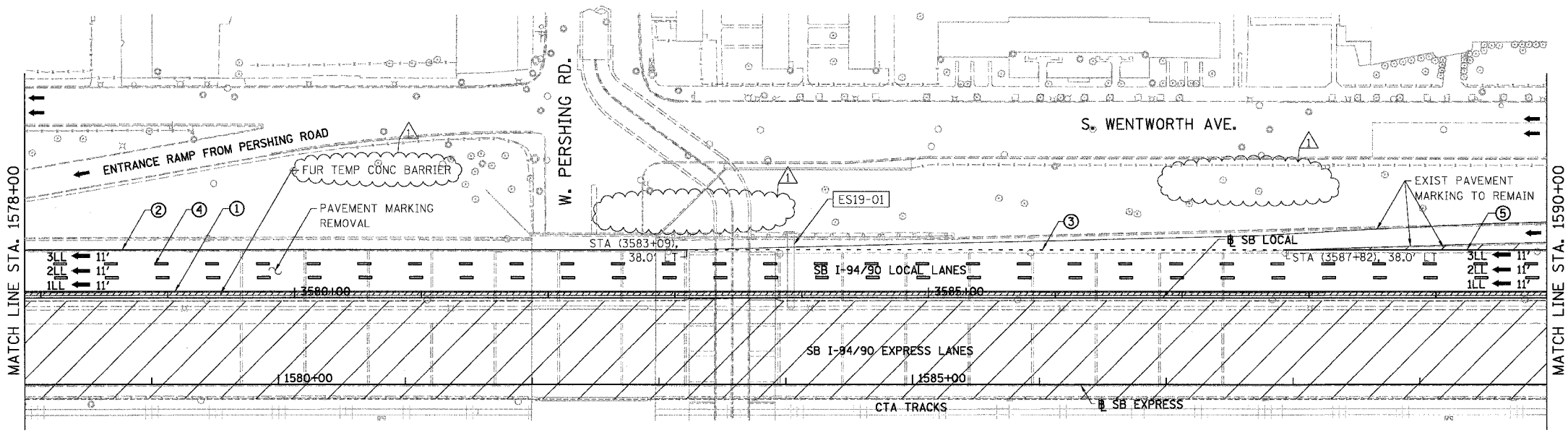
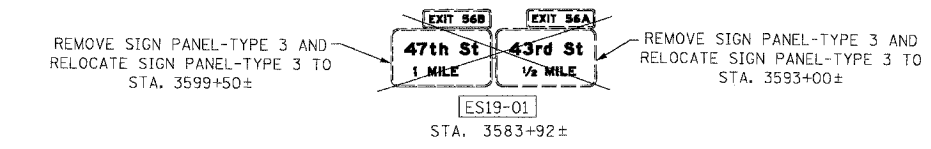
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN STAGE 1
SOUTHBOUND STA. 1554+00 TO STA. 1578+00
SCALE: 1"=50'
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: RS



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MOT-17 8/10/2005

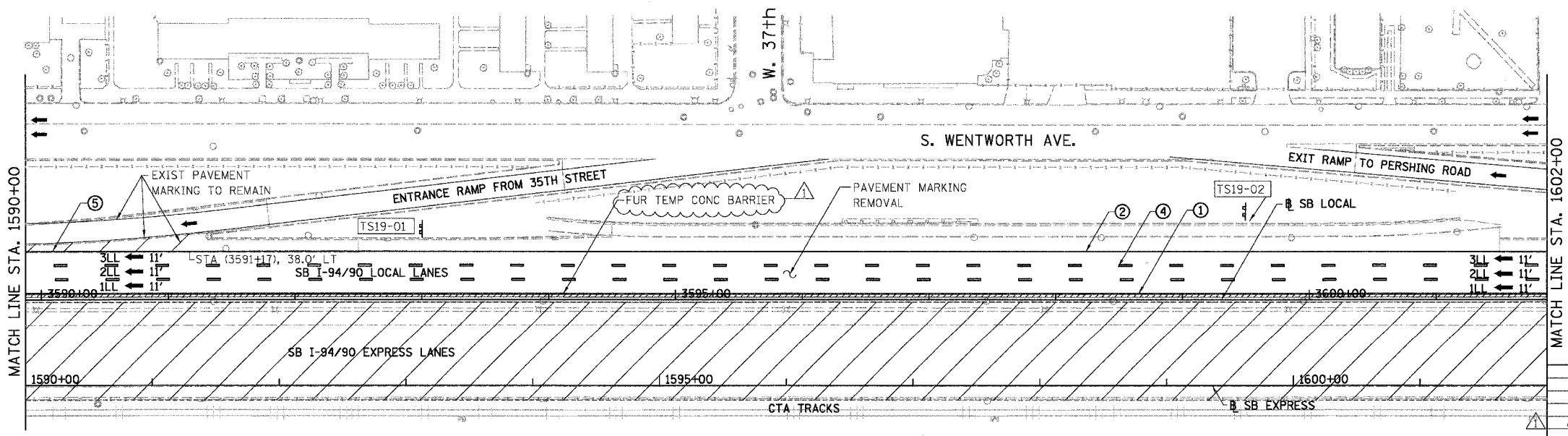
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	103
STA. 1578+00		TO STA. 1602+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		*1818, ETC, 2324.6-1PR-9		



- 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
 - 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

EXIT 56A
43rd St
 1/2 MILE
 TS19-01
 EXISTING SIGN PANEL FROM STA 3583+92±
 INSTALLED ON STRUCTURAL STEEL SIGN
 SUPPORT-BREAKAWAY (W6X15)
 CONCRETE FOUNDATIONS - STA. 3593+00±
 (SIGN TO REMAIN FOR NEXT YEAR)

EXIT 56B
47th St
 1 MILE
 TS19-02
 EXISTING SIGN PANEL FROM STA 3583+92±
 INSTALLED ON STRUCTURAL STEEL SIGN
 SUPPORT-BREAKAWAY (W6X15)
 CONCRETE FOUNDATIONS - STA. 3599+50±
 (SIGN TO REMAIN FOR NEXT YEAR)

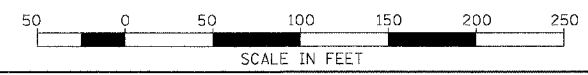


STATIONING
 +##.## STATION PROVIDED FROM THE SB I-90/94 EXPRESS LANES
 (###.##) STATION PROVIDED FROM THE SB I-90/94 LOCAL LANES
 [+##.##] STATION PROVIDED FROM THE SLIP RAMP

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

REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

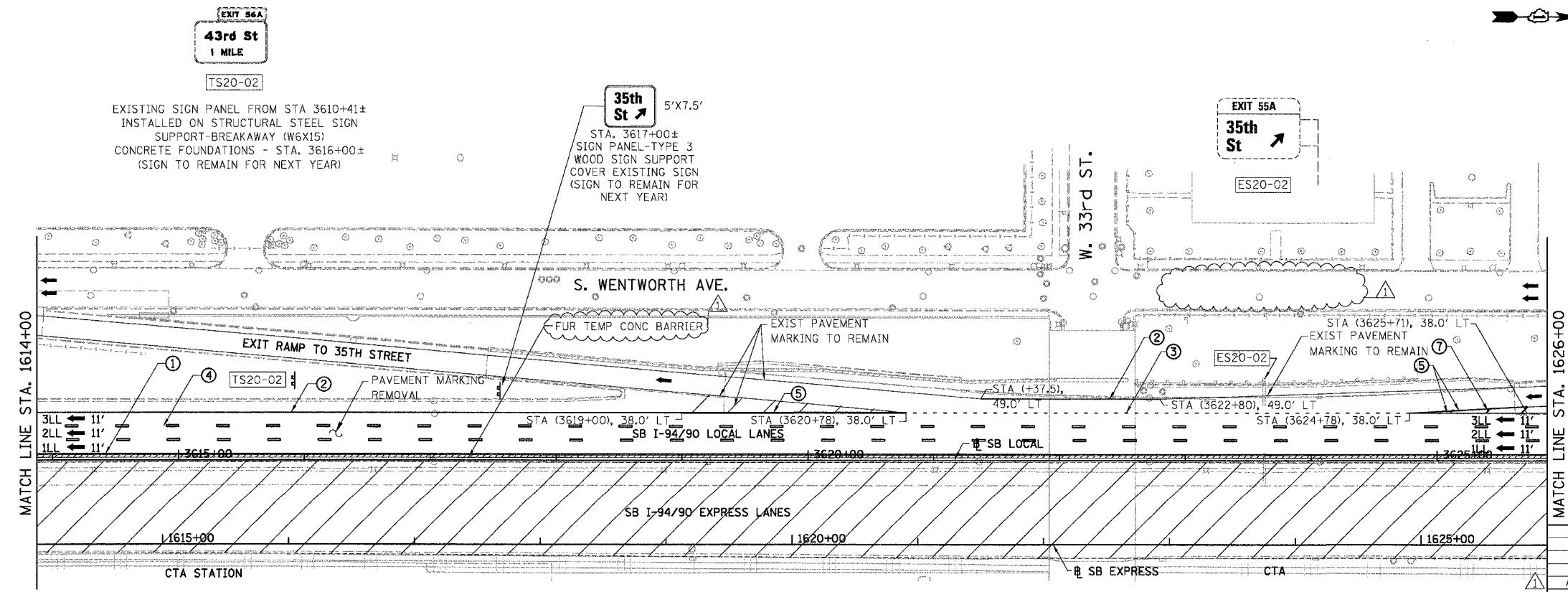
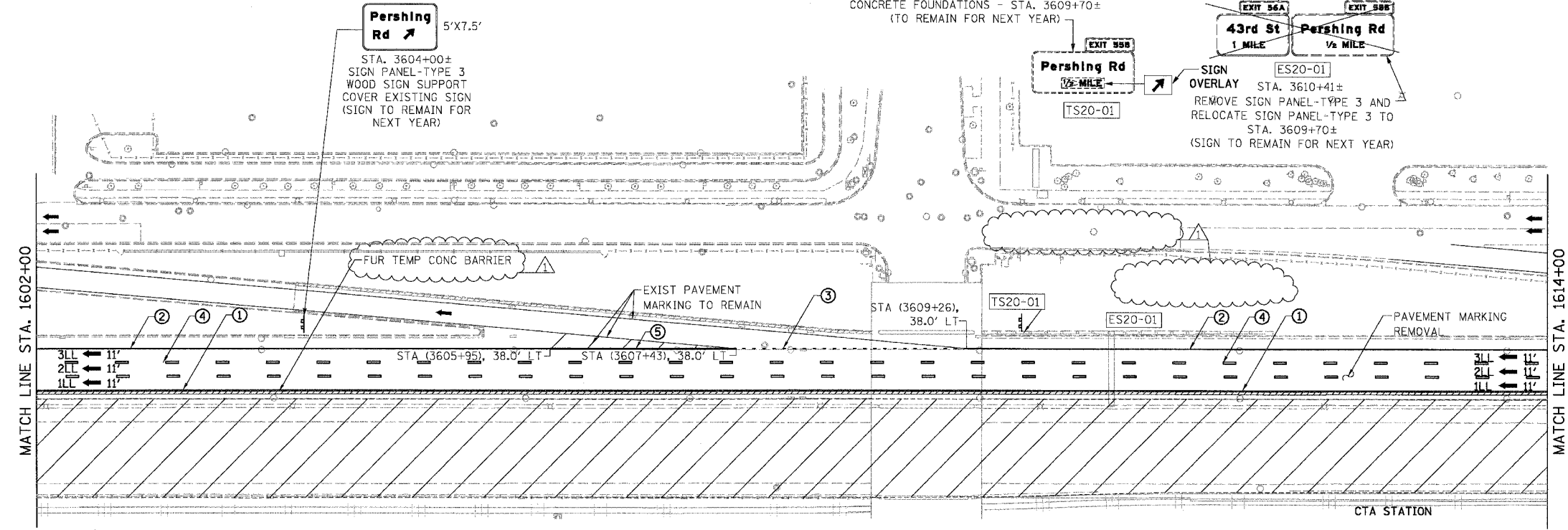
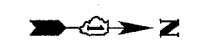
MOT-18
 ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN STAGE 1
 SOUTHBOUND STA. 1578+00 TO STA. 1602+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: RA
 CHECKED BY: RS



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8/17/2005 11:22:08 PM

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		*01818, ETC, 2324.6-1PIR-9		



- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - ALL 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

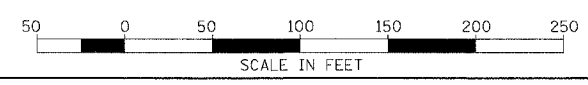
[+##.##] STATION PROVIDED FROM THE SLIP RAMP

NOTE:

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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' DRAWN BY: RA
 DATE: 07/07/05 CHECKED BY: RS



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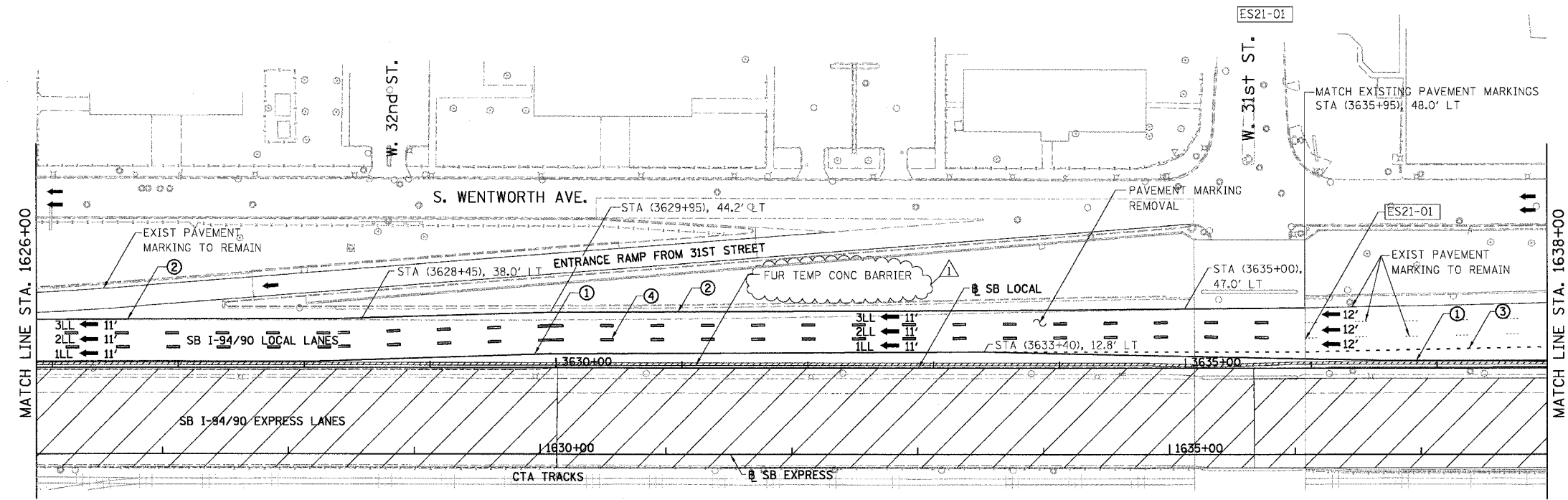
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 11/20/2005 11:22:28 AM
 11/20/2005 11:22:28 AM

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.	2324.6-1PR-9		

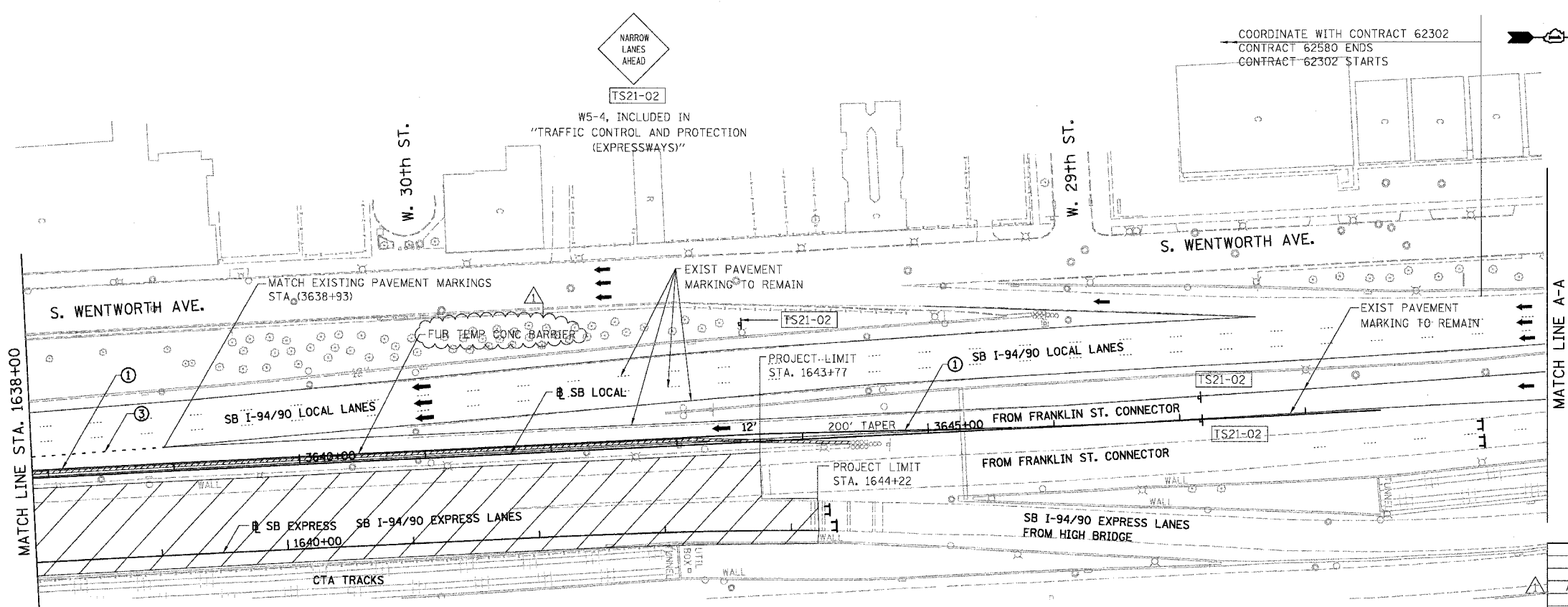


EXIT 55B
Pershing Rd
1/2 MILE

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 SB I-90/94 EXPRESS LANES

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

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

NOTE:

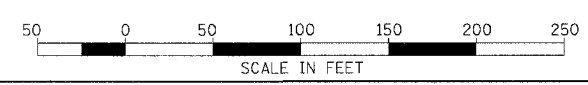
ALL PAVEMENT MARKINGS ON THIS SHEET WILL BE PAVEMENT MARKING TAPE, TYPE III, UNLESS OTHERWISE NOTED.

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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: 07/07/05

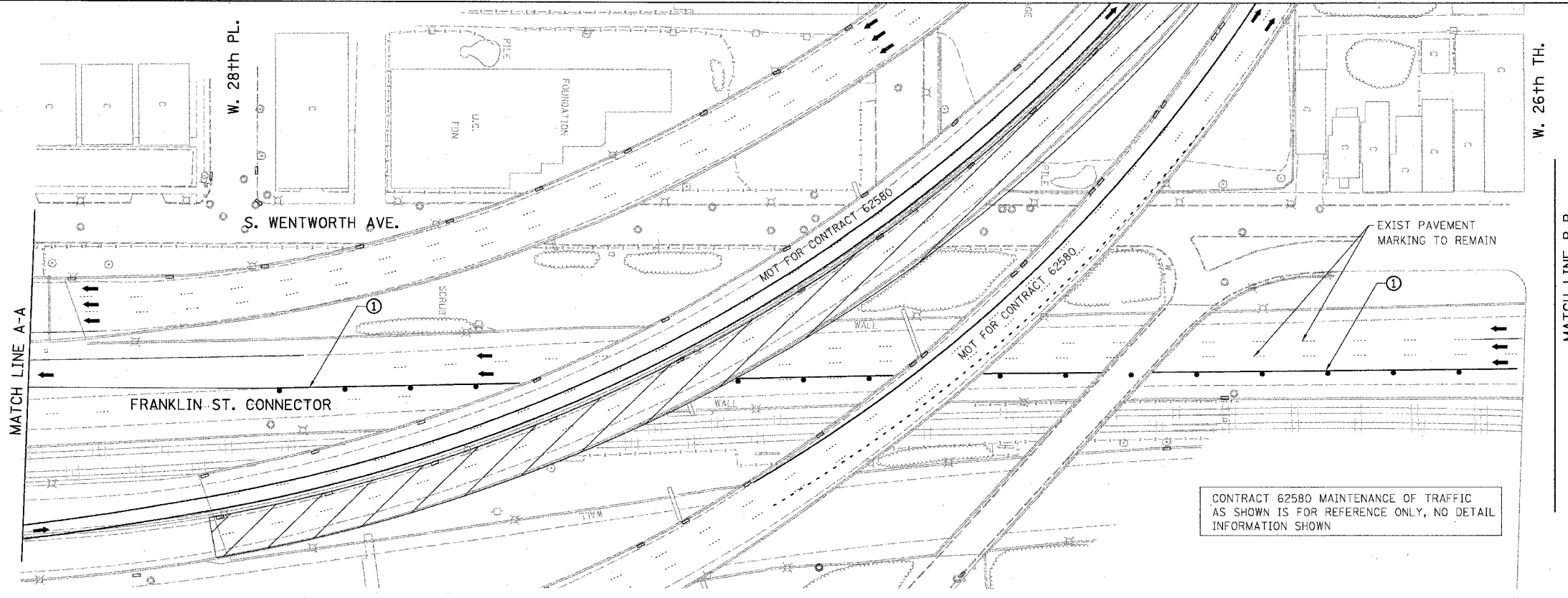
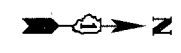
DRAWN BY: RA
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MOT-20 1/23/03

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			



CONTRACT 62580 MAINTENANCE OF TRAFFIC AS SHOWN IS FOR REFERENCE ONLY, NO DETAIL INFORMATION SHOWN

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

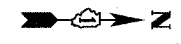
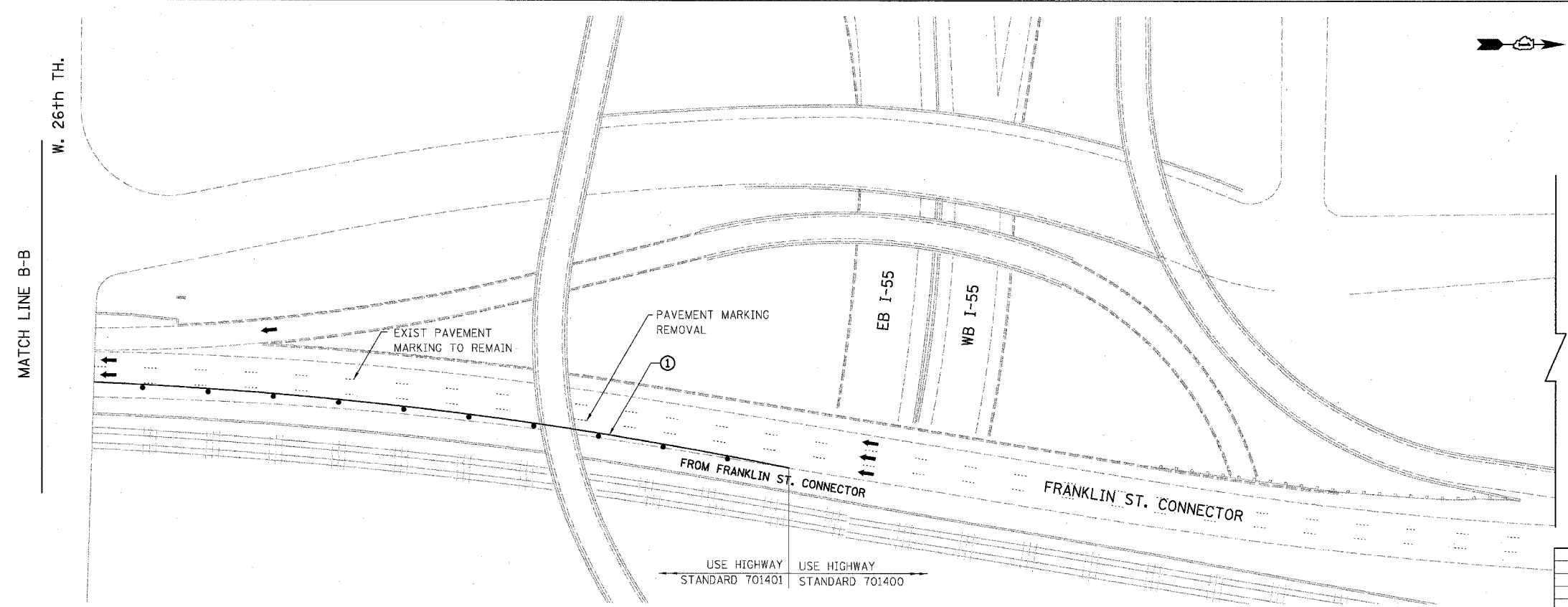
STATIONING

- +++** 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

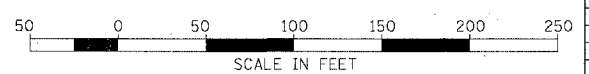
NOTE:

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

MOT-21



USE HIGHWAY STANDARD 701401 USE HIGHWAY STANDARD 701400



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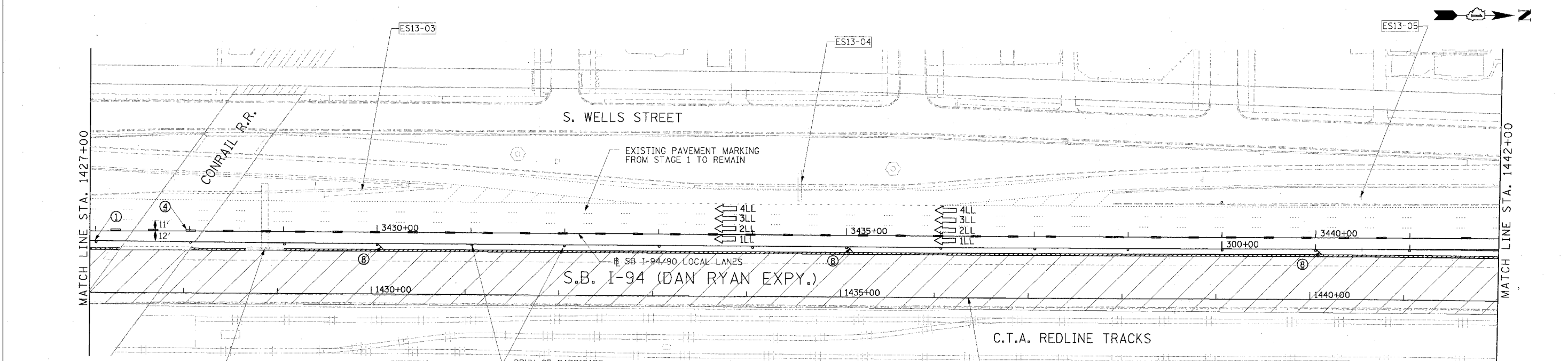
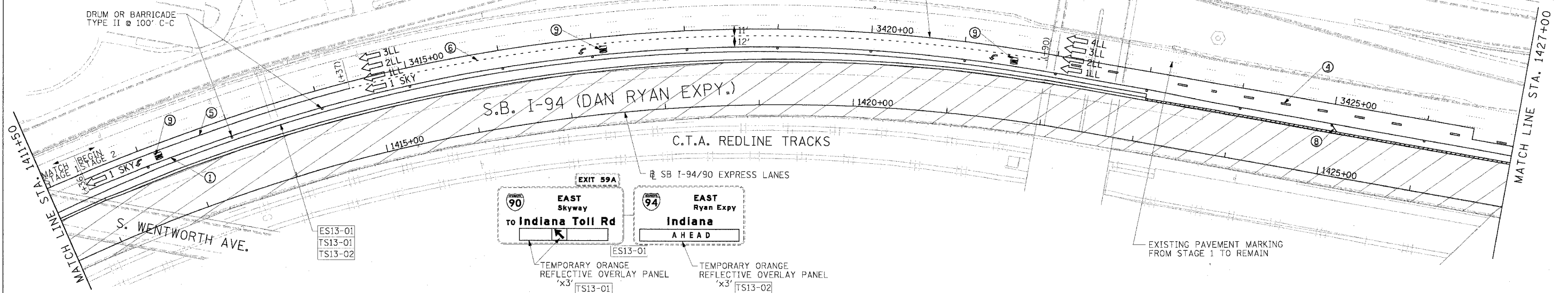
REVISIONS NAME	DATE

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

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. 1411+50 TO STA. 1442+00

STAGE 2

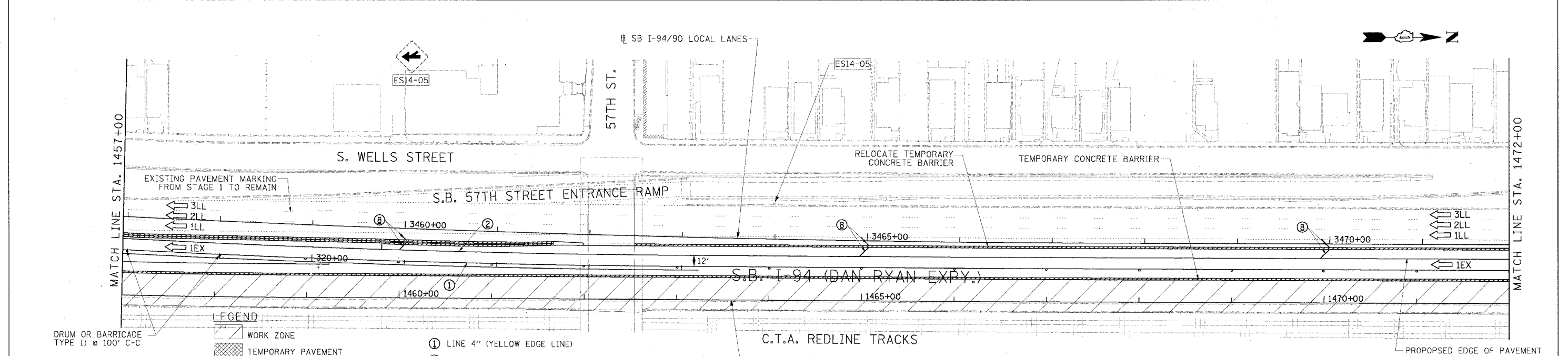
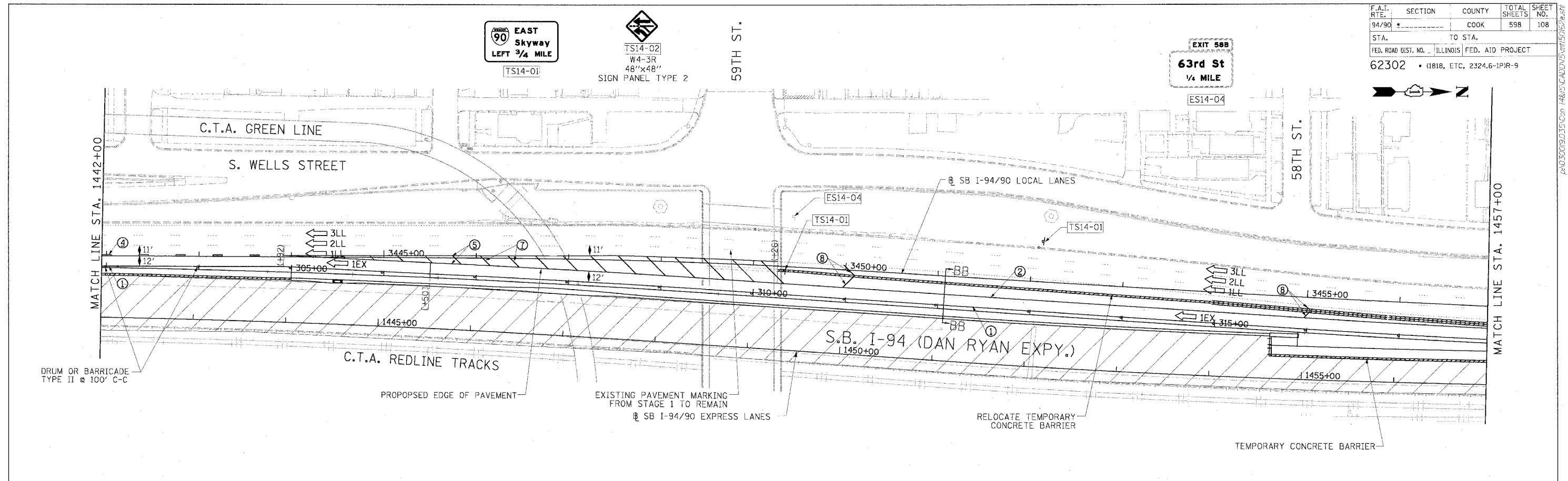
SCALE: 1"=50'

DATE: 7/1/05

DRAWN BY: TAI

CHECKED BY: PJM

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

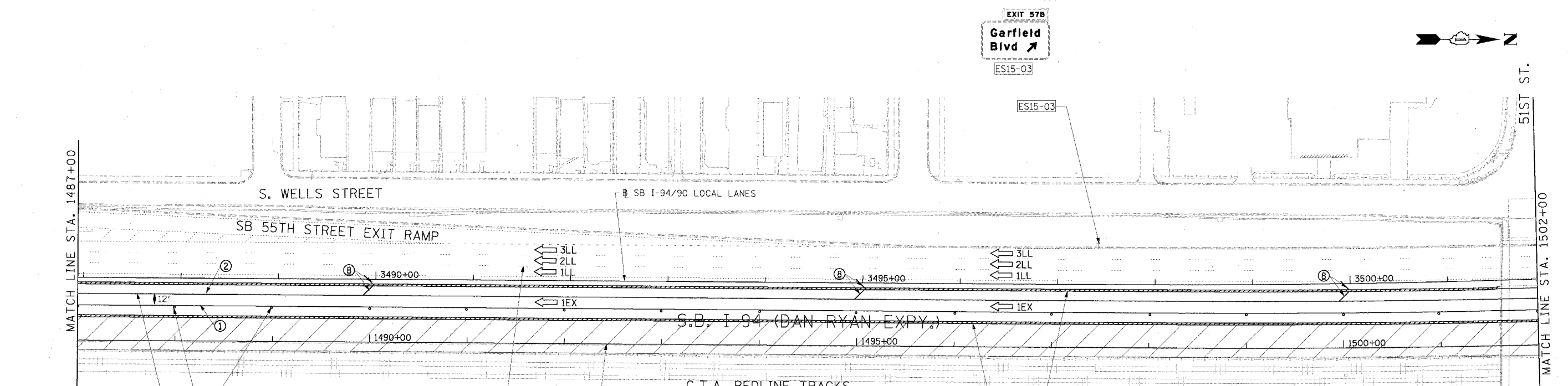
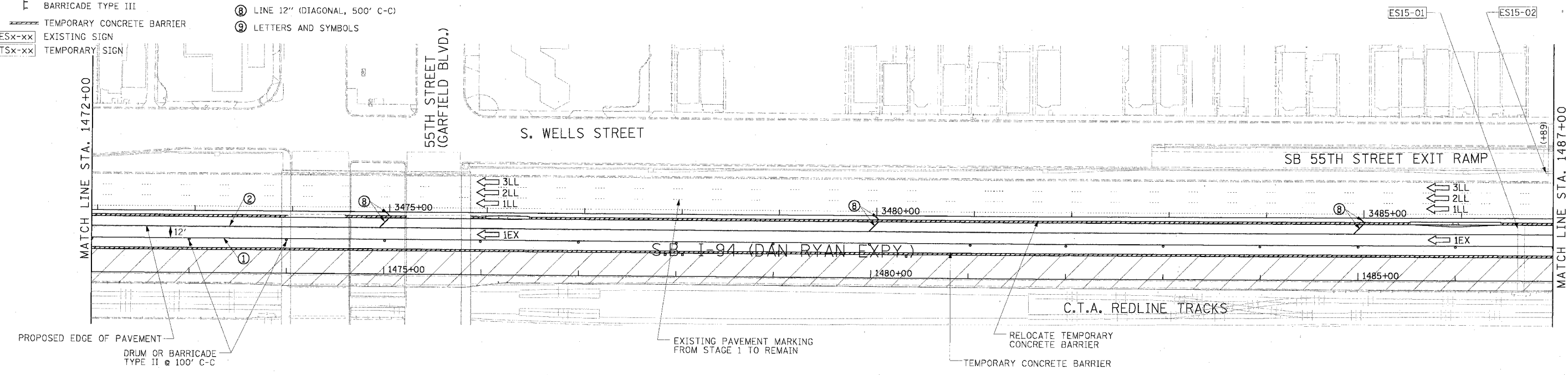
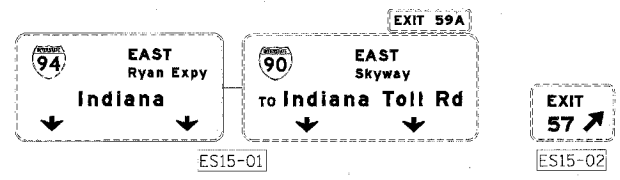
ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

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LEGEND

- 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
- 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 (ESx-xx)
 - TEMPORARY SIGN (TSx-xx)

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



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

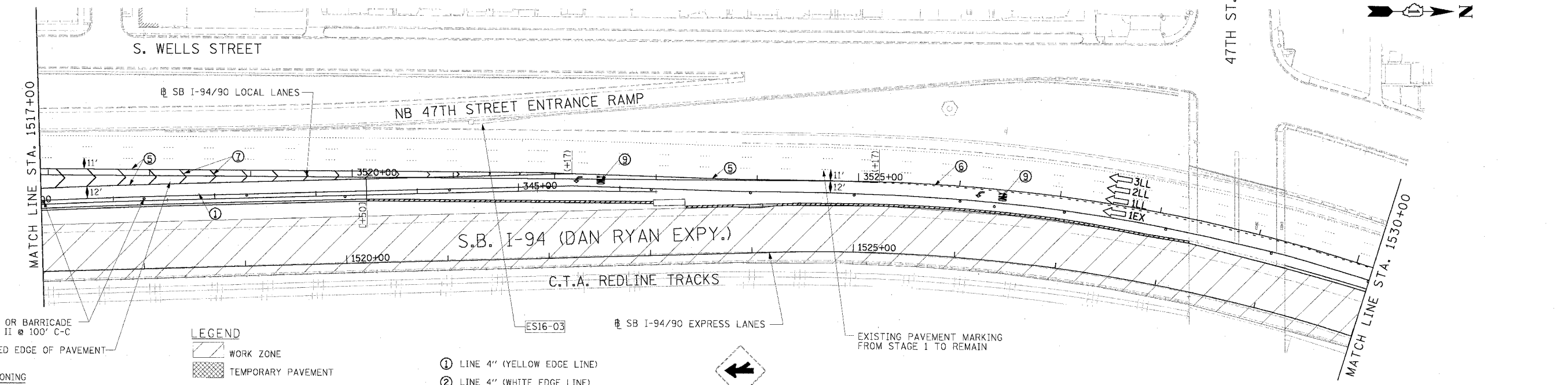
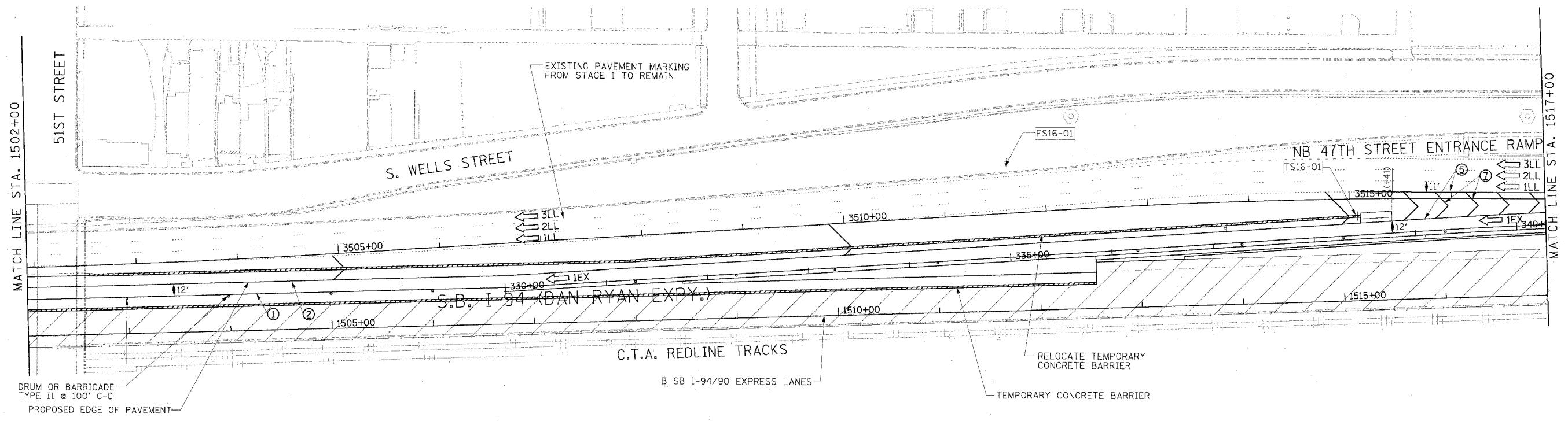
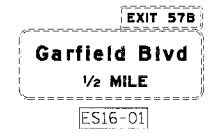
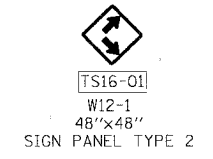
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1472+00 TO STA. 1502+00
 STAGE 2

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

DRAWN BY: TAI
 CHECKED BY: PJM

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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			



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
- 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



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

REVISIONS	
NAME	DATE

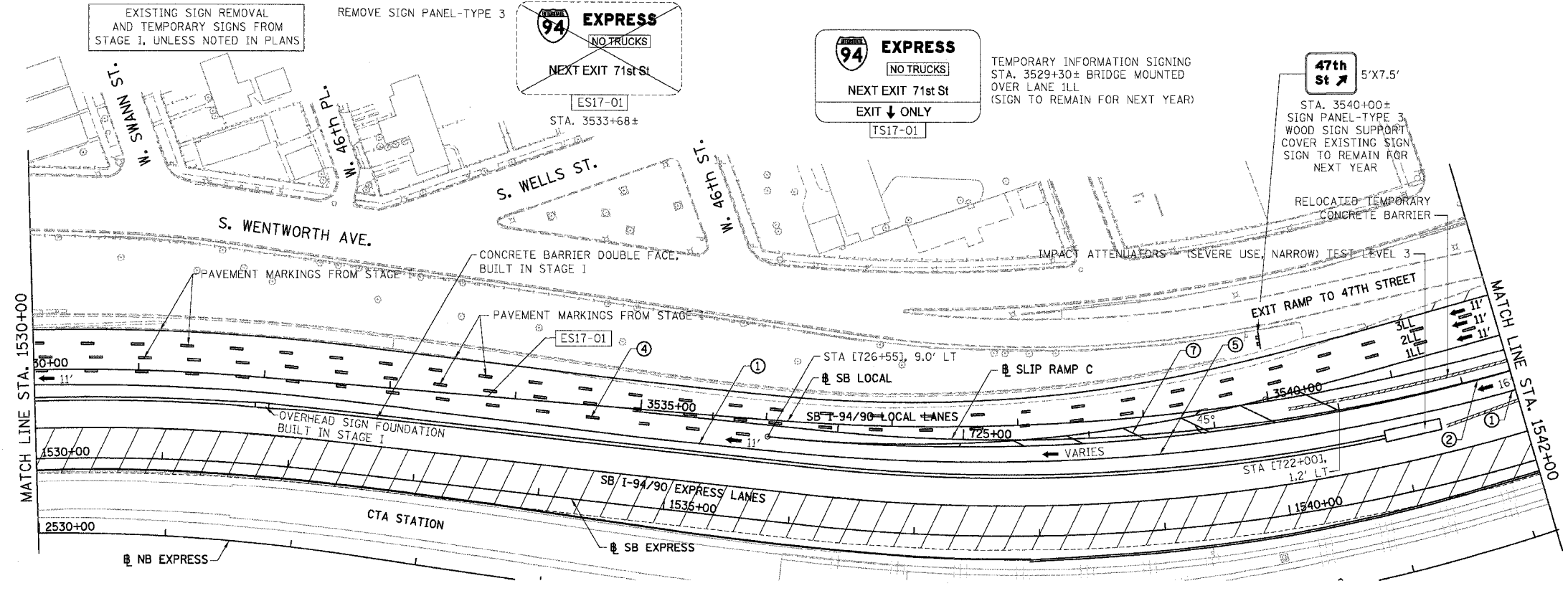
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1502+00 TO STA. 1530+00
 STAGE 2
 SCALE: 1"=50'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

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

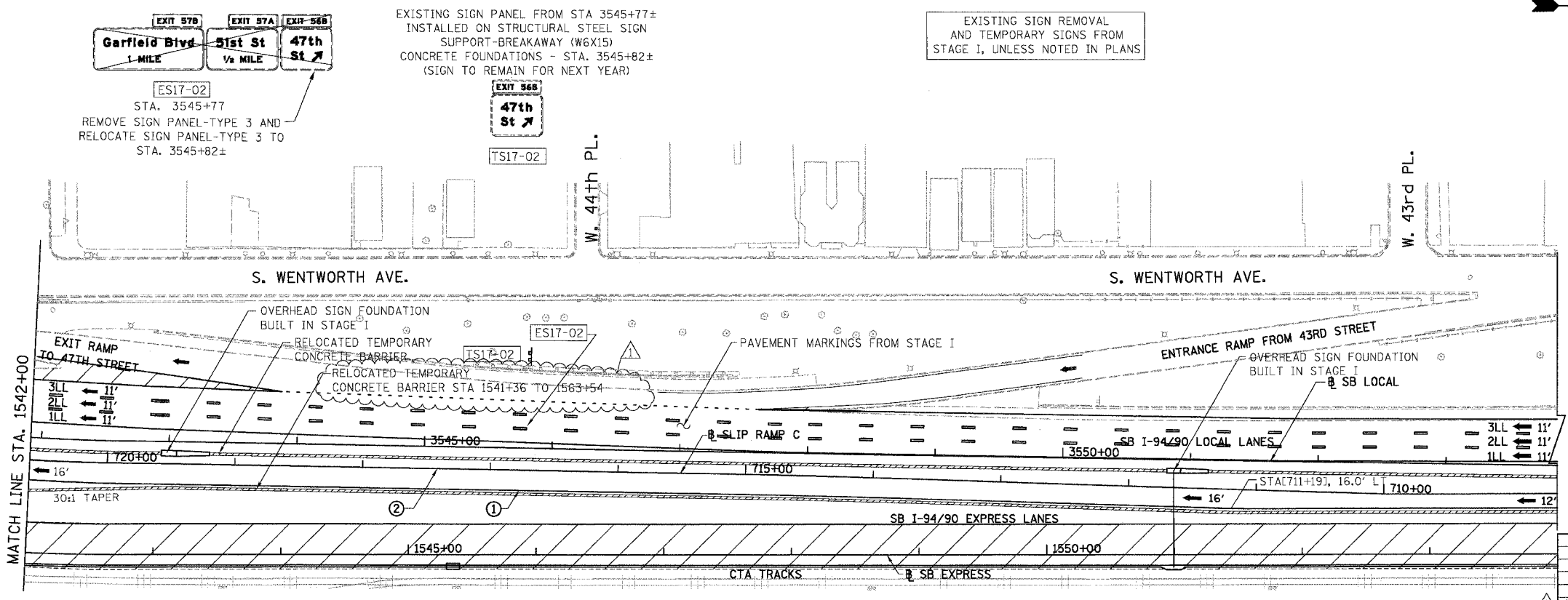
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	111
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62302 *01818, ETC, 2324.6-1PJR-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 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
 - ESx-xx EXISTING SIGNS
 - TSx-xx TEMPORARY SIGNS



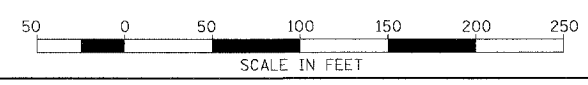
- STATIONING**
- [+..+..] STATION PROVIDED FROM THE SB I-90/94 EXPRESS LANES
 - [+..+..] STATION PROVIDED FROM THE SB I-90/94 LOCAL LANES
 - [+..+..] STATION PROVIDED FROM THE SLIP RAMP

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

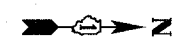
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN STAGE 2
 SOUTHBOUND STA. 1530+00 TO STA. 1554+00
 SCALE: 1"=50'
 DATE: 07/07/05

MOT-26
 DRAWN BY: RA
 CHECKED BY: RS



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

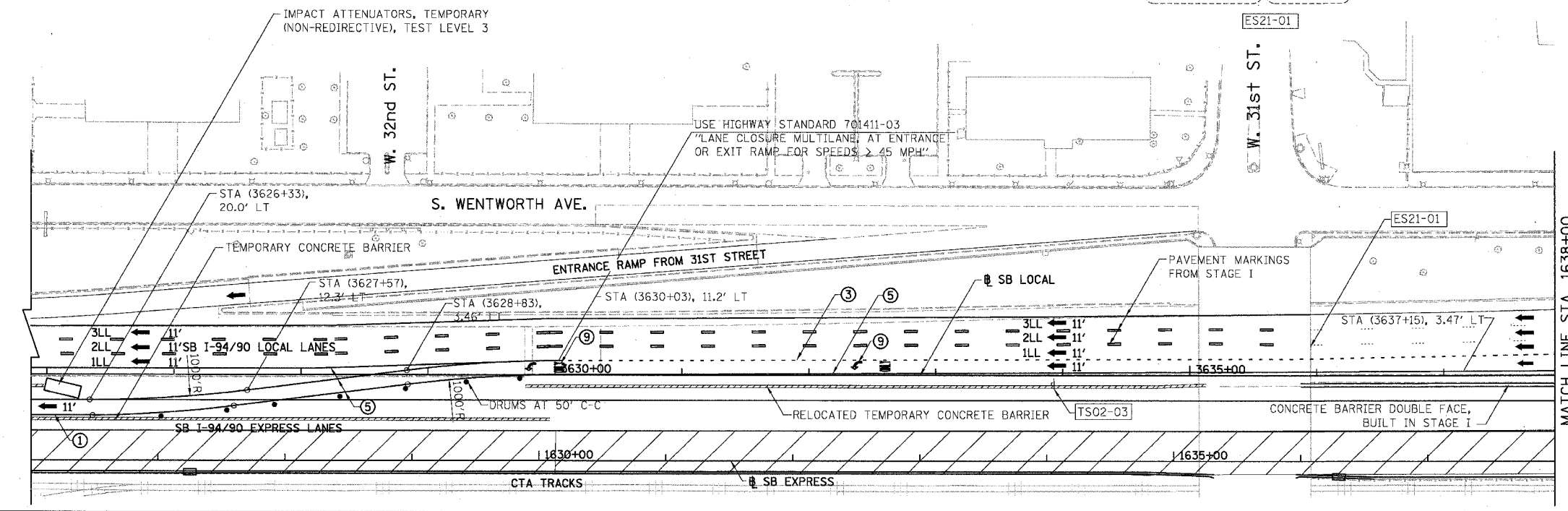
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	112
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*11818, ETC., 2324.6-1P1R-9			



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

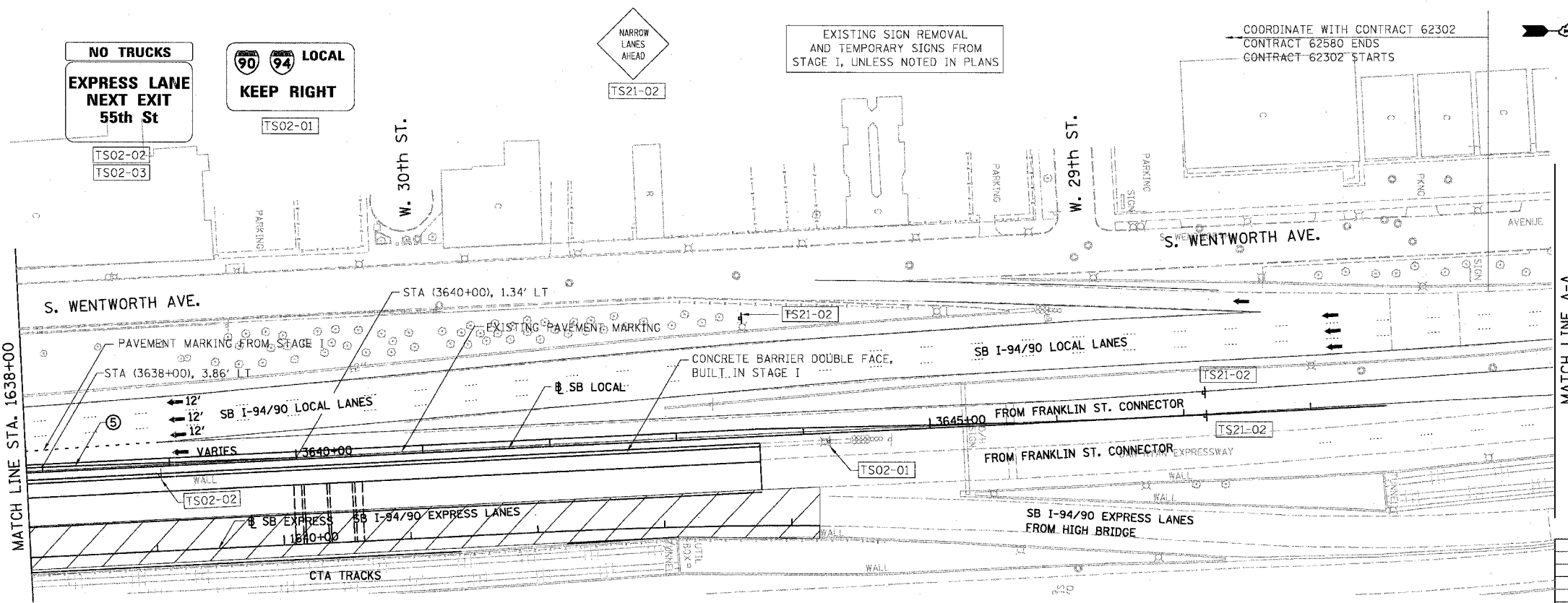
STATIONING

- +++ 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



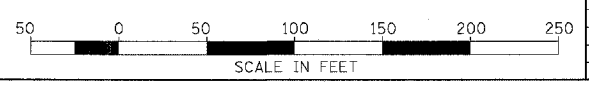
MATCH LINE A-A

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



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

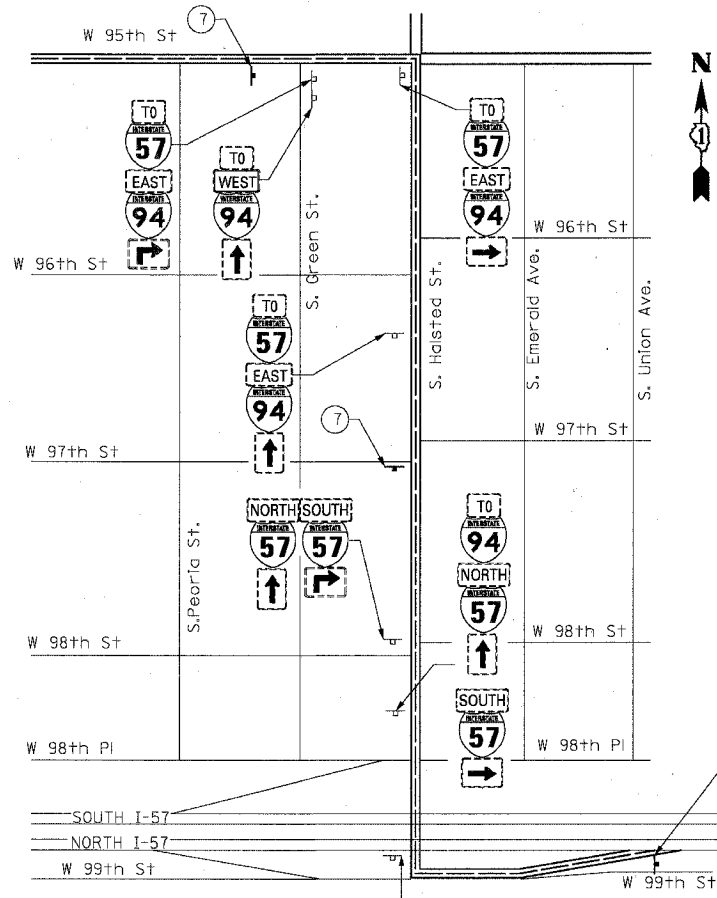
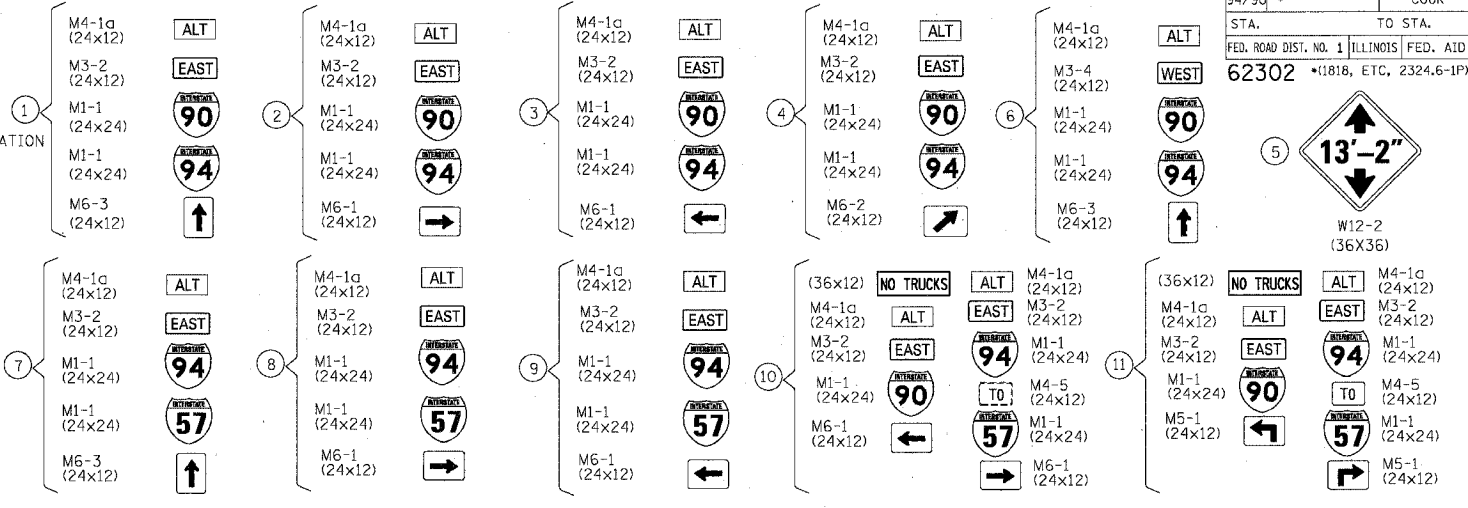
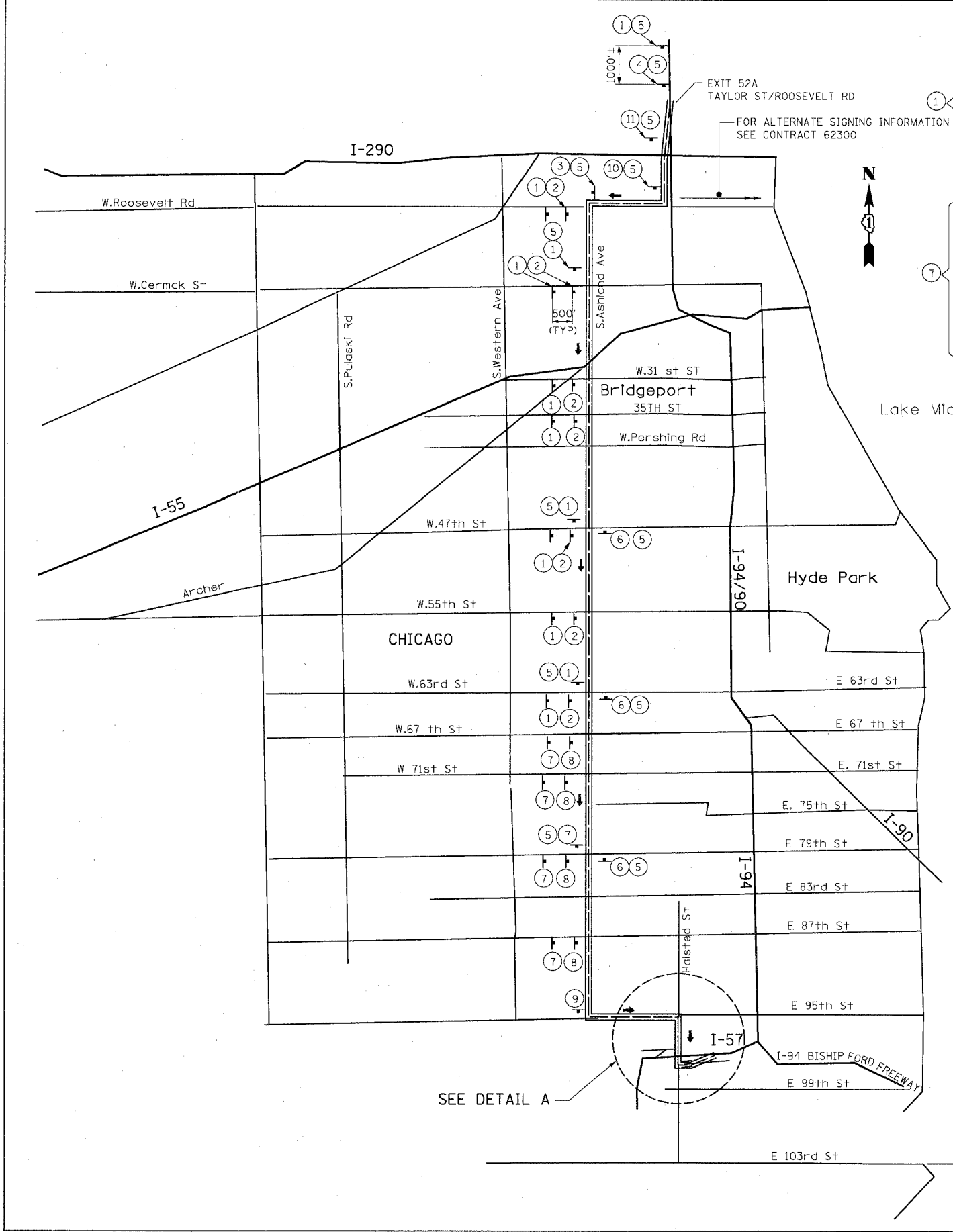
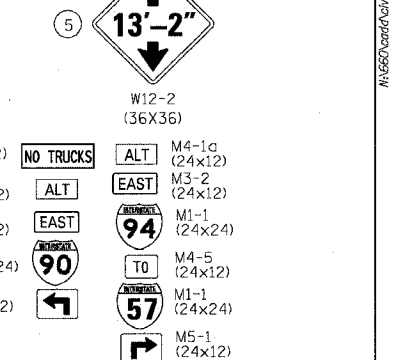
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	COOK	598	113

STA. TO STA. TO STA. TO STA.

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

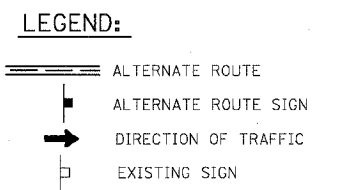
62302 *11818, ETC, 2324.6-1P1R-9



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

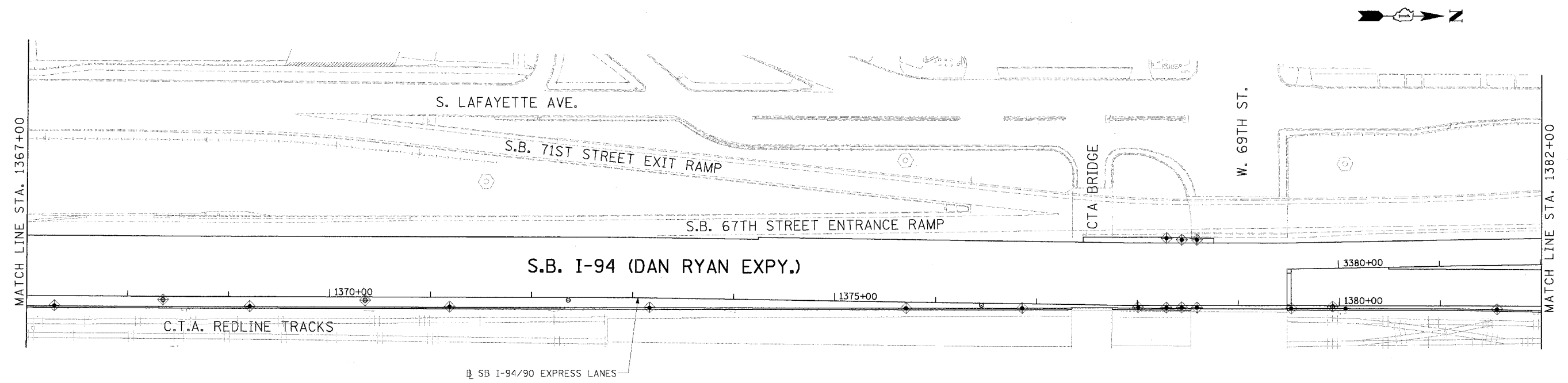
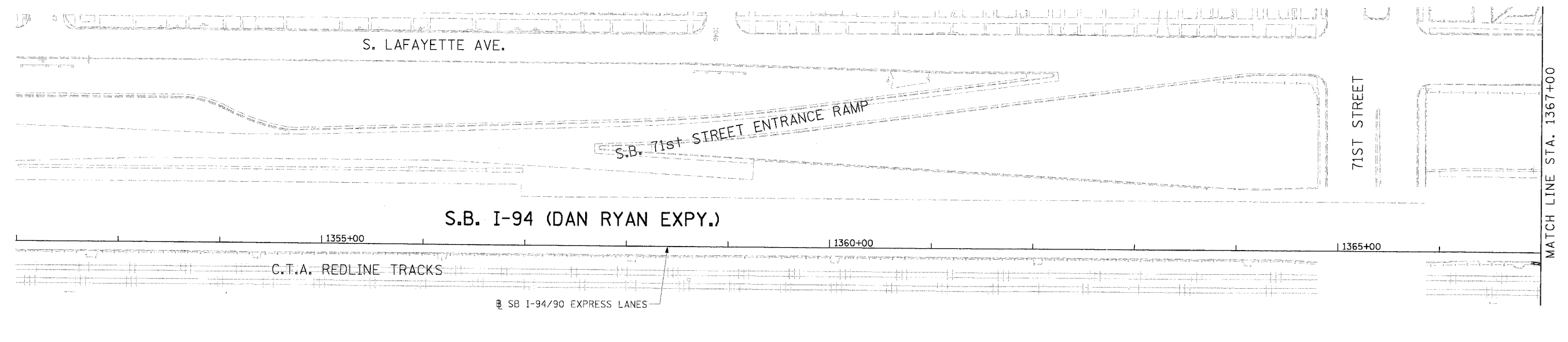
SCALE: NTS
DATE: 07/07/05
DRAWN BY: RV
CHECKED BY: AS

K&E KAM ENGINEERING, INC.
CONSULTING ENGINEERS
701A Davis Road, Suite 205
Eglin, Illinois 6023-1369

MOT-28

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	114
STA.	TO STA.			
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
TOPSOIL FURNISH AND PLACE, 8" COMPOST FURNISH AND PLACE, 4" 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.

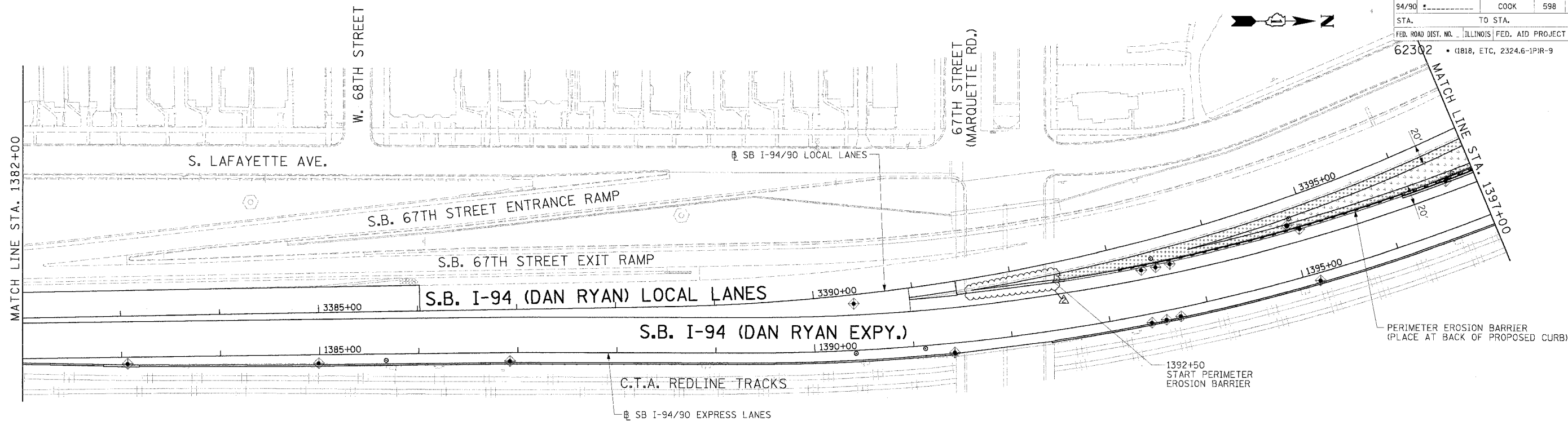
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 AND LANDSCAPING PLAN
 SOUTHBOUND STA. 1352+00 TO STA. 1382+00
 SCALE: 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.EKCCORP.COM

ERO-1
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
94/90		COOK	598 115
STA.	TO STA.		
62302	ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. • (1818, ETC, 2324.6-1)JR-9			



LANDSCAPING NOTES:

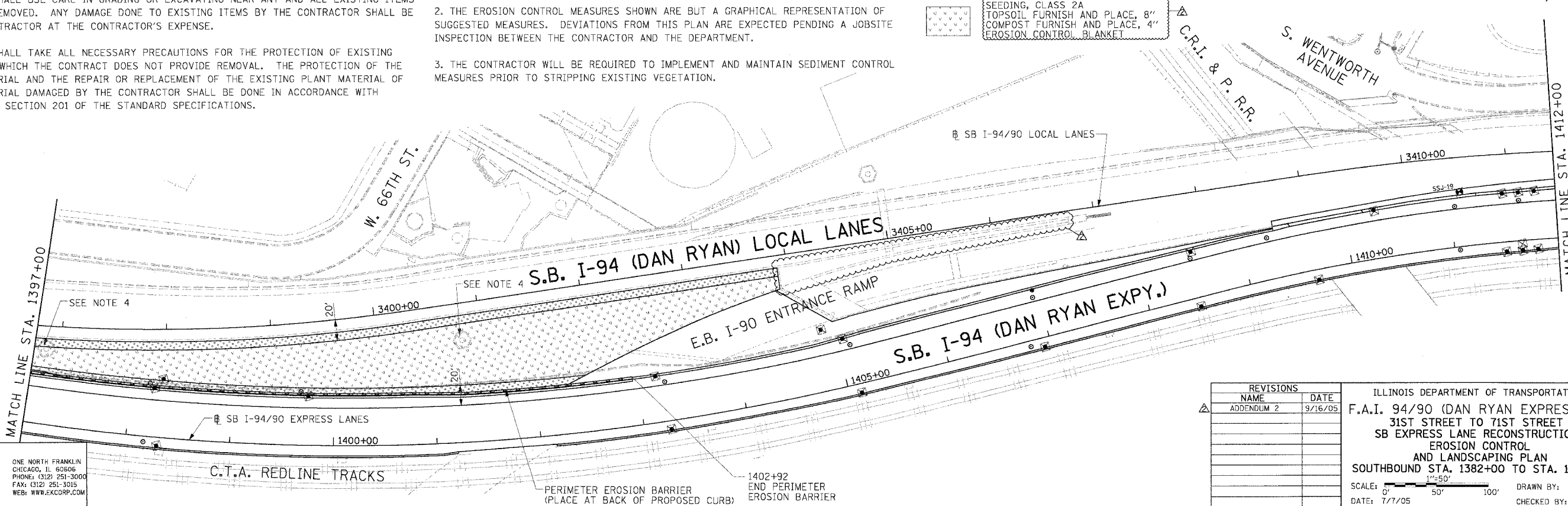
1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN REJECTION 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" EROSION CONTROL BLANKET



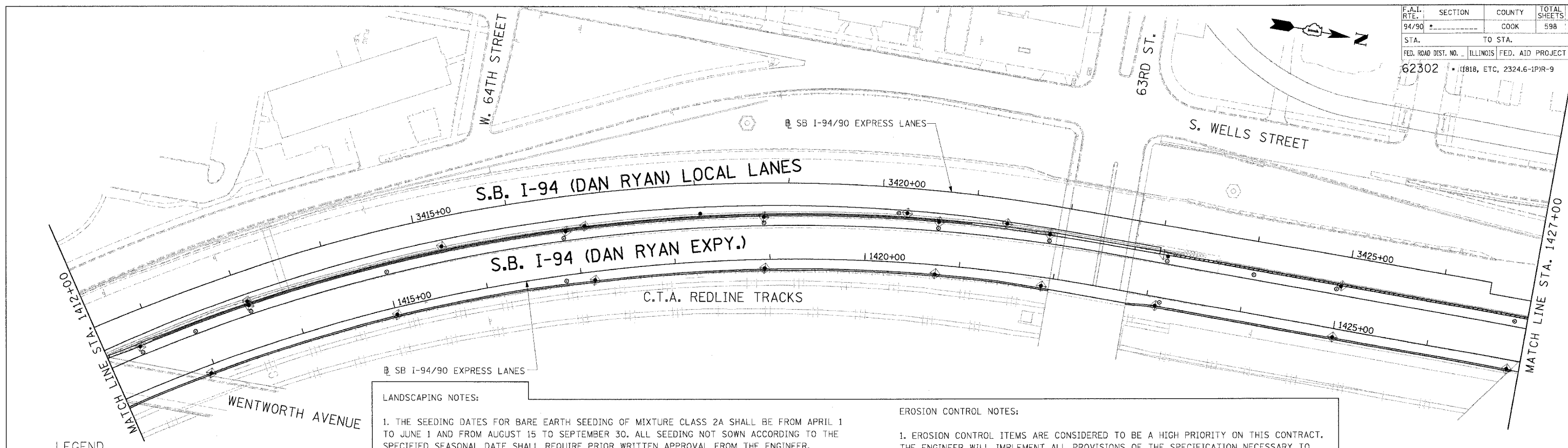
Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

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: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

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



LEGEND

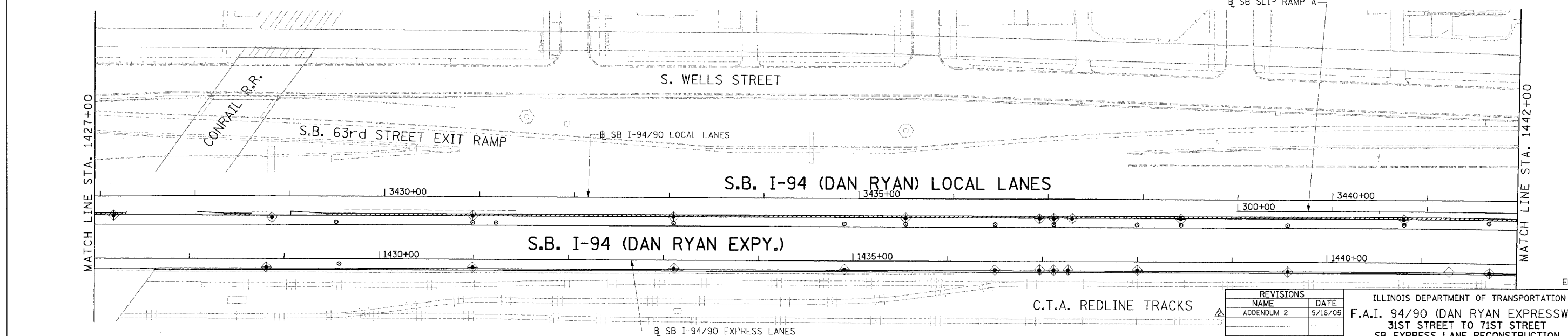
- INLET FILTER
- PERIMETER EROSION BARRIER
- SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 4" EROSION CONTROL BLANKET
- SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 8" COMPOST FURNISH AND PLACE, 4" EROSION CONTROL BLANKET

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.
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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.



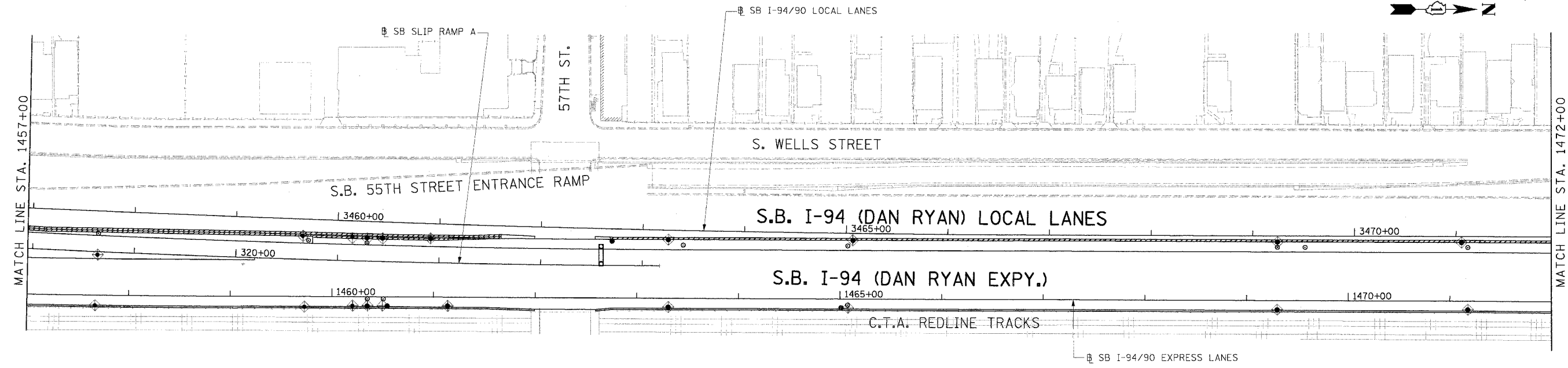
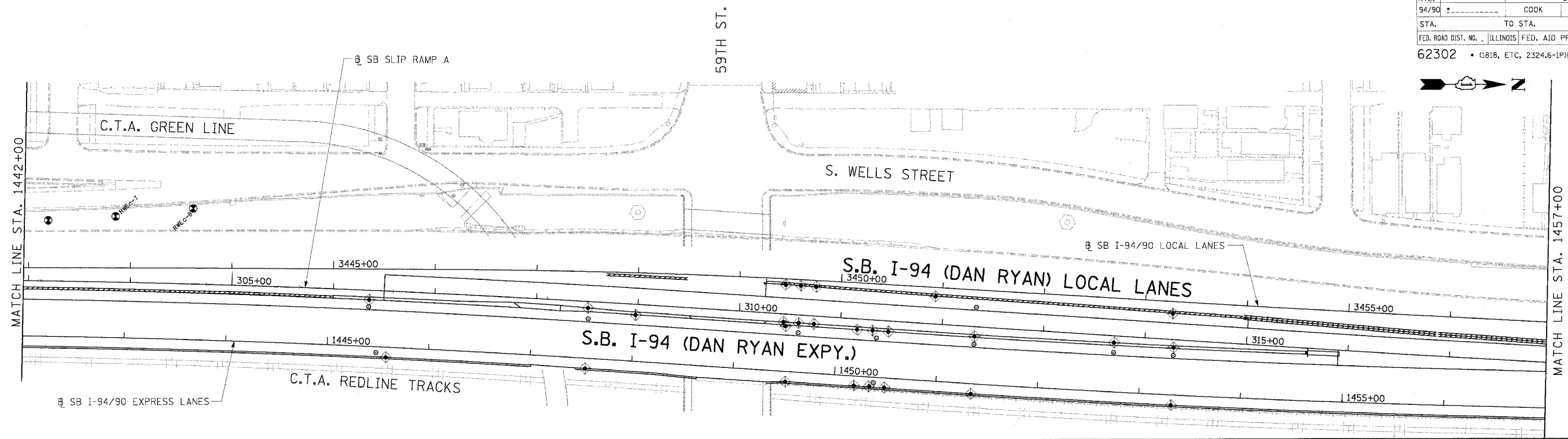
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 AND LANDSCAPING PLAN
 SOUTHBOUND STA. 1412+00 TO STA. 1442+00
 SCALE: 1"=50'
 0' 50' 100'
 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	117
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62302 • (1818, ETC, 2324.6-1)PR-9				



LEGEND

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

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EROSION CONTROL NOTES:

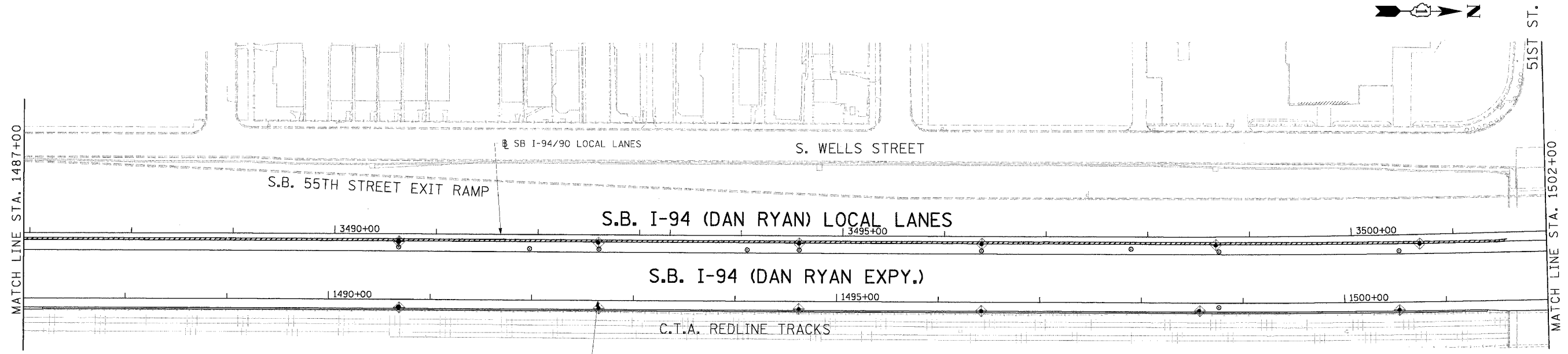
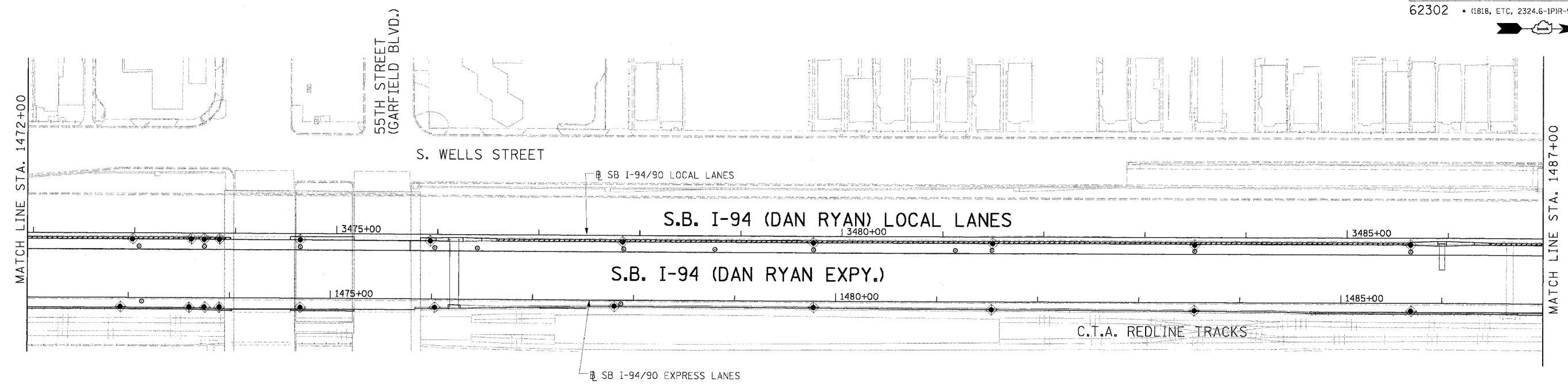
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REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 AND LANDSCAPING PLAN
 SOUTHBOUND STA. 1442+00 TO STA. 1472+00
 SCALE: 1"=50'
 0' 50' 100'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

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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"
EROSION CONTROL BLANKET

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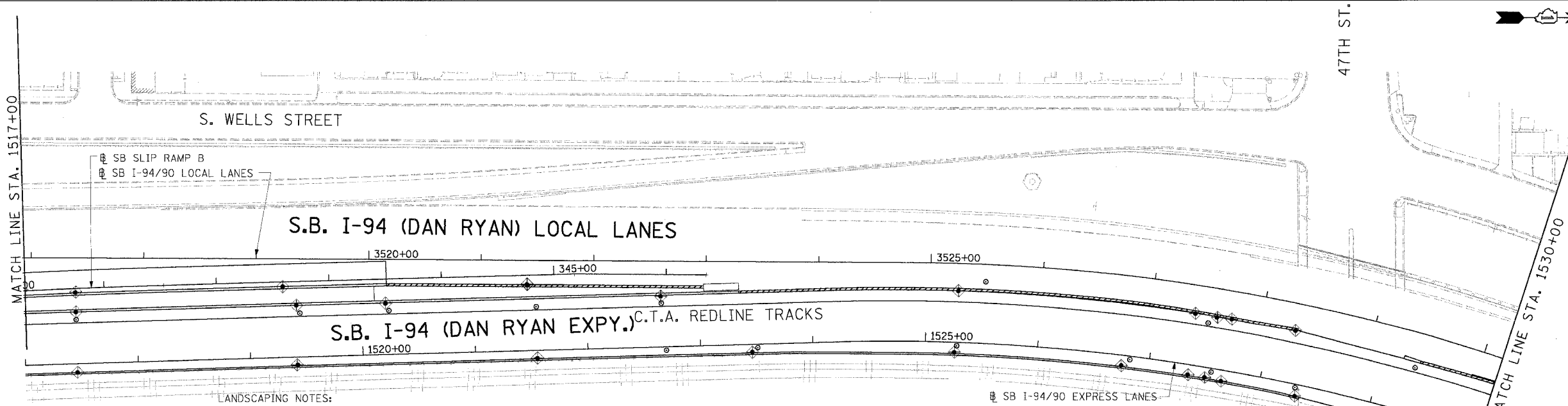
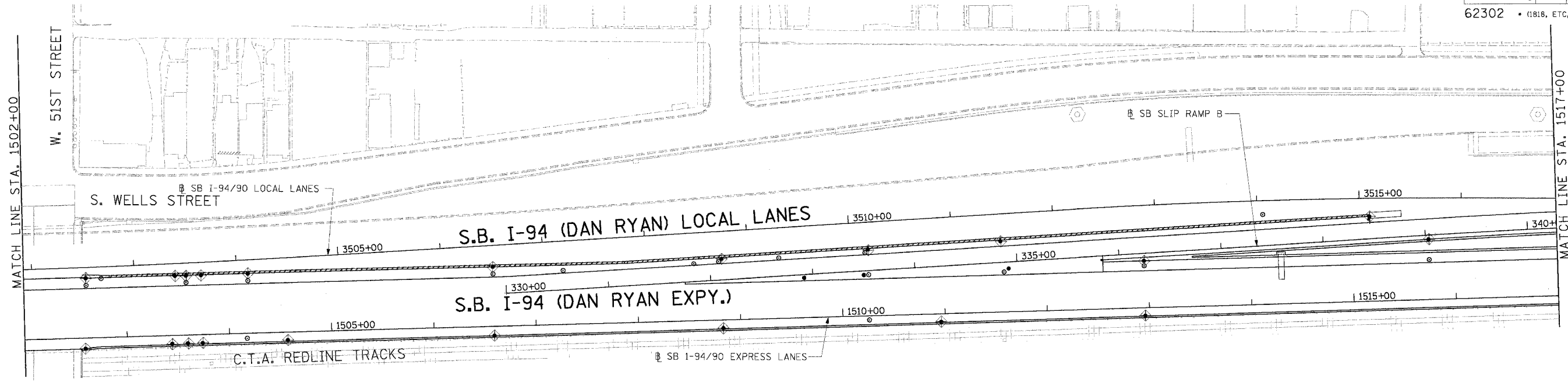
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REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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	• (181.8, ETC, 2324.6-1PR-9			



LEGEND

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REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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
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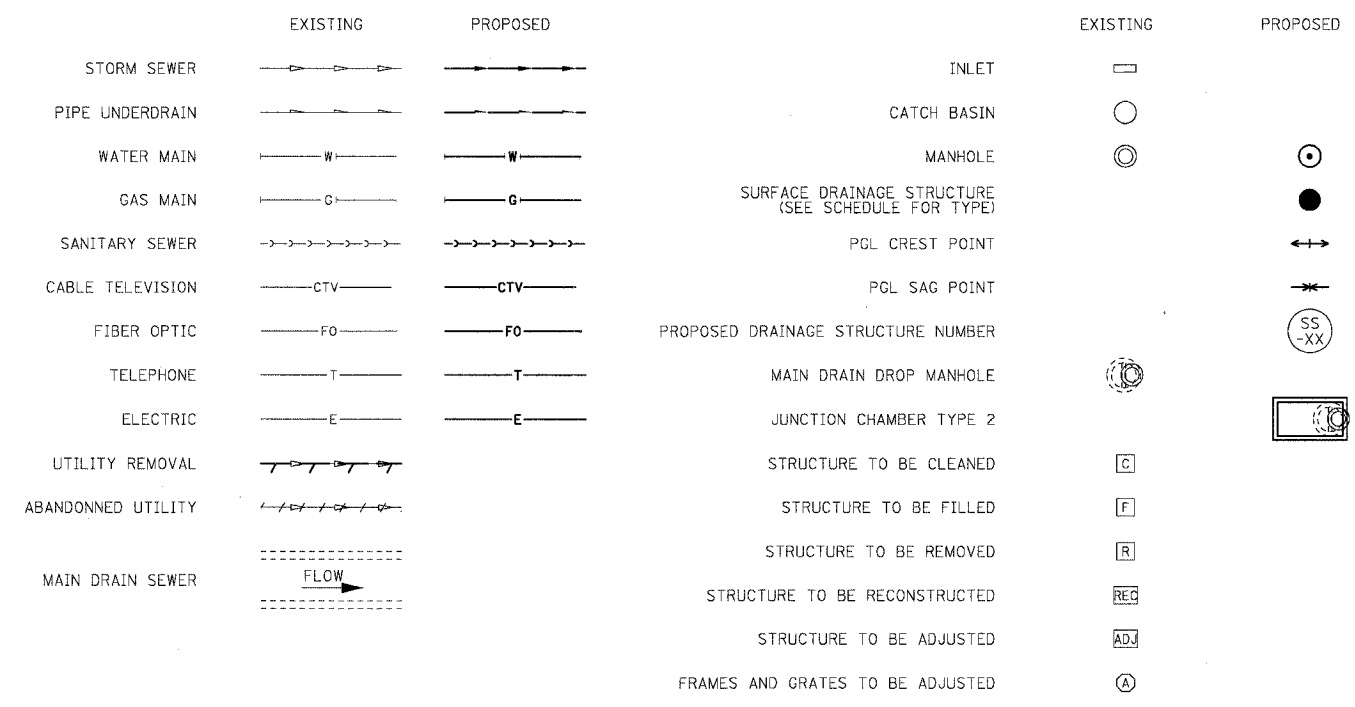
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DRAINAGE & UTILITIES NOTES:

- 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.
- ALL 'DRAINAGE STRUCTURES, TYPE 1 SPECIAL' AND 'DRAINAGE STRUCTURES, TYPE 2 SPECIAL' MUST HAVE MINIMUM 2'-0" SUMP BELOW LOWEST INVERT ELEVATION.
- PROPOSED STORM SEWER PLUGS ARE INCLUDED IN THE COST OF STORM SEWER PIPE. STORM SEWERS SHALL BE PLUGGED WITH BRICK AND SUITABLE MORTAR, OR BY AN ALTERNATE MEANS THAT IS ACCEPTABLE TO THE ENGINEER.

DRAINAGE & UTILITIES LEGEND:



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
JUNCTION CHAMBER, NO. 6	JC 32-01	JUNCTION CHAMBER TYPE 2	2554+02	3' LT
JUNCTION CHAMBER, NO. 7	JC 35-01	JUNCTION CHAMBER TYPE 2	2568+60	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
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

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

SEE CONTRACT 62300 PLANS FOR EXISTING DROP MANHOLES

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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. DRAWN BY: OC
 DATE: 07/07/05 CHECKED BY: EED

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		0				
1512+86	77 LT	0					
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				
1439+58	42 LT		1				
1514+12	87 LT	1					



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

REVISIONS	
NAME	DATE
ADDENDUM	8/12/05

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

38711 2005 02-27-20 24

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

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

DS-04

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

06/29/2005 09:51:50 AM

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, 2324.6-1)PR-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		
1512+79	81 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
1512+86	77 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		36	34	64

BOWMAN, BARRETT & ASSOCIATES INC.
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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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
4/4/02 PM
8/17/2005

EXISTING STORM SEWER SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	128
STA.		TO STA.		
62302		0818, ETC, 2324.6-IPR-9		

PLUG AND ABANDON EXISTING PIPE

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

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.
 DATE: 7/7/05

DRAWN BY: MJG
 CHECKED BY: LPN



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, 2324.6-1PIR-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)
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									

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 SCHEDULES
EXISTING STORM SEWER REMOVAL
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.bbainc.com

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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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								66.1				135.9
1638+82.6	55.9' LT		OFFSITE	OFFSITE			8.7									
1643+12.2	60.2' LT	1643+24.7	61.0' LT					10.7								0.7
TOTALS					692	6619	4957	3210	4072	613	3683	685	1199	333	57	10102

PIPE UNDERDRAIN REMOVAL

STATION	OFFSET	TO	STATION	OFFSET	PIPE UNDERDRAIN REMOVAL (LF)
1534+79.5	32.32' LT		1534+79.4	51.61' LT	19.3
1540+12.8	14.4' RT		1540+16.9	88.2' LT	102.6
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
1638+54.3	5.98' RT		1638+54.3	64.41' LT	70.4
TOTAL					494

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
TOTAL			342

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

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

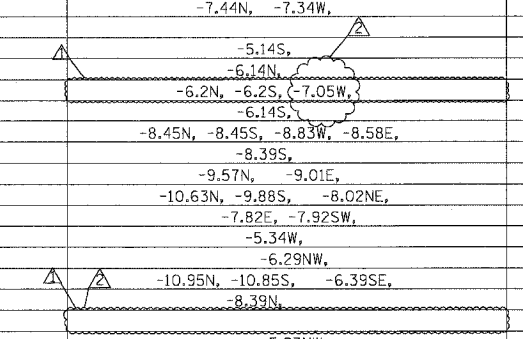
BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbandainc.com

DS-12
 08/15/2005

SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	133
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 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)	
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	-5.14N,	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,		



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

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

REVISIONS	
NAME	DATE
ADDENDUM	8/12/05
ADDENDUM	9/16/05

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

05/14/2005 10:20 AM P:\03009\03009.Dwg P:\03009\03009.DWG

SCHEDULE OF DRAINAGE STRUCTURES

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D TIF OL	CB, TA, 4D TBG	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	NOT USED																	
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, -2.46SW,	
10-08	1423+15.00	-44.00	3.61			1											-2.24W, -2.44NE,	
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, -3.79W,	
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, -2.70NW,	
11-03	1427+20.00	-44.00	3.6			1											-2.55SE, -2.45NW,	
11-04	1428+87.00	-44.00	2.91														-3.33NE, -3.23SW,	
11-05	1428+81.00	8.00	2.7			1											-3.13N,	162
11-06	1429+55.00	-39.00	2.81								1						-10.35N, -10.45E, -3.65SW, 5.24W,	
11-07	NOT USED																	
11-08	1430+99.00	-39.00	2.1								1						-9.97N, -10.07S, -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						-9.83N, -9.93S, -5.45W,	
12-03	1433+11.00	8.00	0.57			1											-5.26W,	162
12-04	1433+11.00	-39.00	1.05								1						-9.37N, -9.47S, -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						-8.82N, -9.02S, -6.35E, -7.27W,	
12-08	1435+56.00	-44.00	-0.41			1											-6.24E,	



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

REVISIONS	
NAME	DATE
ADDENDUM	8/12/05
ADDENDUM	9/16/05

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

09/14/2005 10:05:54 AM

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						-8.57N, -8.67S, -6.34W,	
12-10	1436+50.00	-39.00	-0.65								1						-8.29N, -8.35S, -7.18E, 8.20W	
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						-8.05N, -8.15S, -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						-7.34N, -7.84S, -7.07E,	
13-09	1438+46.00	-44.00	-0.47			1											-6.40E, -6.30W,	
13-10	1438+46.00	-39.00	-0.23								1						-6.95N, -7.20S, -6.50W,	
13-11	1439+69.00	-39.00	0.98								1						-5.67N, -6.42S, -5.51E, -5.51W	162
13-12	1439+69.00	8.00	0.54			1											-5.29W,	
13-13	1440+81.00	-44.00	1.87			1											-3.96E,	
13-14	1441+71.00	-42.00	2.78							1							-4.28S, -4.04E, -4.04W	162
13-15	1441+71.00	8.00	2.46			1											-3.74W,	
13-16	1440+81.00	-39.00	2.11							1							-4.82N, -4.92S, -4.03W,	
14-01	1445+39.00	-40.00	2.49								1						-8.26N, -3.93W, -9.26E,	
14-02	NOT USED																	
14-03	1445+39.00	-44.00	2.33			1											-3.91E, -3.81W	
14-04	1445+58.00	8.00	1.92			1											-3.91S,	
14-05	308+51.00	-5.00	-0.58			1											-6.82E, -6.72W	
14-06	1447+55.00	-41.00	0.31								1						-6.44N, -7.79S, -6.89W, -6.10E,	
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	-9.66N, -9.56W	
15-02	1449+49.00	-44.00	-1.65			1											-7.48NE,	
15-03	1449+62.00	-39.00	-1.46							1							-10.77N, -10.18W, -8.00E, -7.53SW,	
15-04	NOT USED																	
15-05	310+44.00	7.00	-3.21														-9.04N,	
15-06	310+59.00	6.00	-3.22			1											-9.1N, -9.1S, -10.02W, -10.12E	
15-07	310+74.00	7.00	-3.21														-9.04S,	
15-08	310+59.00	-28.00	-3.74			1											-9.62N, -9.72S, -9.82E,	
15-09	310+74.00	-29.00	-3.73														-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														-7.77S,	
15-13	1450+39.00	-39.00	-1.71														-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														-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											-9.25NE, -9.15W	
15-21	1451+35.00	-39.00	-1.35														-9.76N, -9.86S, -9.76W, -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											-6.86W, -6.96E,	
15-25	1453+32.00	8.00	-0.04			1											-5.87W,	162
15-26	314+28.00	-24.00	-0.52			1											-6.76E, -6.66W	
15-27	312+32.00	-19.00	-2.2							1							-9.51E, -9.41SW,	
15-28	1451+35.00	-44.00	-1.55			1											-9.63W, -9.73E,	
15-29	1453+32.00	-39.00	0.4							1							-9.10S, -6.99W, -6.1E,	
16-01	318+64.00	-19.00	-0.15								1						-8.56N, -6.55E, -6.40SW, -8.00SW	
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						-9.75N, -9.05S, -9.30W, -6.4E	
16-06	1459+71.00	-58.00	-1.99			1											-9.02W, -9.27NE	
16-07	1459+77.00	8.00	-0.26			1											-6.09W,	162
17-01	1460+20.00	-58.00	-2.14														-7.97N,	



ONE NORTH FRANKLIN
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WEB: WWW.EKCORP.COM

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

REVISIONS	
NAME	DATE
ADDENDUM	8/12/05
ADDENDUM	9/16/05

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

09/14/2005 10:27:24 AM

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)
17-02	1460+35.00	-57.00	-2.15			1											-8.87N, -8.03S, -9.10E, -9.00W	
17-03	1460+50.00	-58.00	-2.14			1											-8.73N, -8.83S	
17-04	1460+35.00	-53.00	-2.14								1						-9.89S, -9.11W, -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											-8.56S, -8.46W	
17-11	1463+31.00	-56.00	0.11			1											-6.25S, -6.5NE, -6.25W	
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											-4.13SE, -4.03W	
17-15	1465+08.00	-52.00	2.04														-8.34S, -8.84E, -4.23NW	
17-16	NOT USED																	
17-17	1465+08.00	8.00	1.76			1											-4.07N	
17-18	1460+35.00	3.00	-1.9														-10.57N, -10.47W, -8.3E,	
17-19	1462+76.00	-56.00	-0.16			1											-6.00N	
18-01	1469+30.00	-56.00	1.9			1											-4.25E, -4.15W	
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														-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, -4.26W, -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														-9.13N, -11.09S, -11.84E, -7.66SW,	
19-04	1473+11.00	3.00	-1.52														-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,	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														-7.84N, -7.74W	
19-10	1473+75.00	-56.00	-1.91			1											-7.8N, -7.94S, -8.19E,	
19-11	1473+90.00	-57.00	-1.91														-7.74S,	
19-12	1473+80.00	-51.00	-1.67							1							-8.57N, -8.92S, -8.29W,	
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, -7.66W, -7.8E,	
19-15	1474+58.00	-56.00	-1.67			1											-7.60E, -7.50W	
19-16	1476+03.00	-51.00	-0.03							1							-7.13N, -6.24W, -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											-6.21NE, -6.11W	
19-19	1477+81.00	-56.00	1.64			1											-4.29E, -4.19W	
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, -4.39SW,	
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														-6.68N, -6.78S,	
20-02	1479+78.00	-51.00	4														-6N, -6.5S, -2.26W, -2.25E,	
20-03	1479+78.00	-56.00	3.76			1											-2.16E, -2.06W	
20-04	1479+78.00	5.00	3.88			1											-1.95W,	63
20-05	1481+55.00	-56.00	5.65			1											-0.28E, -0.18W	
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, -0.38W, -0.31E,	
20-08	1483+55.00	-51.00	8.03														-3.6N, -4.35S, 2.00W, 1.85E,	
20-09	1483+55.00	-56.00	7.79			1											2.04E, 2.14W	
20-10	1483+55.00	5.00	7.95			1											2.12W,	162
20-11	1481+18.00	-51.00	5.49														-5.36N, -5.46S,	
21-01	1485+69.00	-51.00	10.16														-2.44S, 3.96W, 3.86E,	
21-02	1485+69.00	-56.00	9.92			1											3.99E, 4.09W	
21-03	1485+69.00	6.00	10			1											4.17W,	162
22-01	1490+69.00	-56.00	9.91			1											3.98E, 4.08W	
22-02	1490+69.00	6.00	9.99			1											4.16W,	162
22-03	1490+73.00	-51.00	10.12														-2.3N, 3.85W, 3.98E,	
22-04	1492+66.00	6.00	8.12			1											2.29W,	162



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NOTE:
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TO THE CENTER OF THE FRAME AND GRATE.

REVISIONS	
NAME	DATE
ADDENDUM	8/12/05
ADDENDUM	9/16/05

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: MJJ
CHECKED BY: LPN

DS-16

20/1/14/2005 11:02:49 AM

SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. SECTION COUNTY TOTAL SHEET
 RTE. 94/90 COOK 598 137
 STA. TO STA.
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 62302 • (1818, ETC, 2324.6-1)PR-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)
22-05	1492+66.00	-51.00	8.28								1					△	-4.11N, -3.36S, 2.12W, 1.98E, 2.22E,	
22-06	1492+66.00	-56.00	8.05			1											-4.61N, -4.81S, -0.25S	
22-07	1494+12.00	-51.00	6.79								1						-5.47N, -4.97S, 0.19W, -0.06E, 0.24E,	
22-08	1494+63.00	-51.00	6.27								1						0.24W,	162
22-09	1494+63.00	-56.00	6.07			1											-3.13N, -2.93S, 2.17W	
22-10	1494+63.00	8.00	6.07			1											-2.05E, -1.95W,	
22-11	1491+97.00	-51.00	8.98								1						-5.97N, -5.77S, -2.08W, -1.87E,	
23-01	1496+43.00	-56.00	4.19			1											-6.41N, -6.21S,	
23-02	1496+43.00	-54.00	4.31								1						-1.56W,	162
23-03	1497+90.00	-51.00	2.69														-3.74N,	162
23-04	1496+43.00	7.00	4.27			1											-5.85E, -5.75W	
23-05	1498+57.00	6.00	2.09			1											-8.42N, -6.55S, -5.95W, -8.77E,	
23-06	1498+73.00	-56.00	1.85								1						-3.88S, -8.87W, -9.07E,	
23-07	1498+76.00	-51.00	2.06														-7.76S, -6.03E, -7.26NW,	
23-08	1498+83.00	4.00	1.95								1						-5.74W,	162
23-09	1500+54.00	-51.00	0.25							1							-7.13SE, -7.03W	
23-10	1500+54.00	6.00	0.09			1											-7.65W,	162
23-11	1500+75.00	-56.00	-0.2			1											-8.66N, -8.76E,	
24-01	1502+61.00	6.00	-1.82														-9.29N, -8.79W, -7.96E,	
24-02	1502+61.00	-56.00	-1.9			1											-8.56S, -8.46W	
24-03	1502+61.00	-51.00	-1.7							1							-9.13N, -9.03W	
24-04	1502+76.00	-56.00	-2.03														-8.14N, -9.24S, -8.49E,	
24-05	1503+48.00	-57.00	-2.25														-8.08S,	
24-06	1503+59.00	-56.00	-2.26			1											-9.87N, -9.62S, -9.52W,	
24-07	1503+74.00	-57.00	-2.25								1						-8.00N,	162
24-08	1503+59.00	-51.00	-2.26														-8.31N, -8.06S,	162
24-09	1503+48.00	7.00	-2.17			1											-8.52N, -8.42S,	162
24-10	1503+59.00	6.00	-2.18															
24-11	1503+74.00	7.00	-2.17															
24-12	NOT USED																	
24-13	1504+19.00	-51.00	-2.12								1							
24-14	1504+17.00	5.00	-1.96								1							
24-15	1504+20.00	-56.00	-2.14			1												
24-16	1504+57.00	6.00	-1.88			1												
24-17	1506+59.00	-56.00	0.51			1												
24-18	1506+59.00	6.00	0.59			1												
24-19	1506+59.00	-51.00	0.47								1							
24-20	1507+28.00	-51.00	1.55								1							
25-01	331+84.00	-19.00	3.56															
25-02	332+12.00	-18.00	3.97			1												
25-03	1508+83.00	6.50	3.97			1												
25-04	332+06.00	-19.00	3.88								1							
25-05	333+55.00	-20.00	6.05			1												
25-06	1510+26.00	-40.00	6.4								1							
25-07	1510+26.00	4.00	6.16							1								
25-08	1510+96.00	6.50	6.84			1												
25-09	1511+59.00	-42.00	7.77															
25-10	334+85.00	-20.00	7.47			1												
25-11	1512+96.00	-39.00	8.9								1							
25-12	1512+96.00	6.00	8.54			1												
25-13	1512+96.00	-44.00	8.66			1												
25-14	333+52.00	-18.00	6.11								1							
25-15	1509+64.00	-39.00	5.62	1														
25-16	1510+22.00	-40.00	6.44	1														
25-17	1511+63.00	-42.00	7.77	1														
26-01	338+47.00	-22.00	8.84	1														
26-02	339+03.00	3.00	8.47			1												
26-03	1517+46.00	-39.00	8.84								1							
26-04	1515+75.00	-39.00	9.48								1							
26-05	1517+46.00	5.00	8.52			1												
26-06	340+75.00	3.00	7.75			1												
26-07	1517+46.00	-44.00	8.64			1												
26-08	342+59.00	3.00	6.23			1												
26-09	1519+45.00	-39.00	7.15								1							
26-10	1519+42.00	5.00	6.82			1												
26-11	1519+43.00	-44.00	6.98															



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 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

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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		11818, ETC, 2324.6-1PR-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)
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											-3.57E, -3.47W	
27-07	1522+66.00	-39.00	2.66								1						-7.83S, -3.59W, -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, -7.42E, -7.32W	
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, -8.79SE, -7.87W,	
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														-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											-10.20, -10.10SW	
28-06	1527+53.00	-44.00	-2.41			1											-9.21N, -9.46SE	
28-07	1527+47.00	-39.00	-2.27								1						-12.9E, -9.52NW, -10.25SW	
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														-10.49SW,	
28-10	1527+66.00	3.00	-3.31			1											-9.14W,	162
28-11	1527+66.00	-44.00	-2.22														-9.02N, -9.12S,	
28-12	1528+22.00	-44.00	-2.01							1							-8.70S, -8.60W	
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,	
25-18	332+66.00	-19.00	4.81														-7.92N, -7.98S, -3.66W	
26-12	337+43.00	-31.00	8.60							1							2.91N, 3.01SW	

DS-18



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

REVISIONS	
NAME	DATE
ADDENDUM	8/12/05

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

08/11/2005 08:54:45 PM

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, 2324.6-1P1R-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 T2F&G	IN TB T1F OL	IN TB T2OF&G	CB TA 4 DIA T8G	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SO FT)
29-01	1530+15.0	7.9' RT	-2.34		1												-8.51W,	162
29-02	1530+15.0	39.5' LT	0.08						1								-11.54S, -11.44N, -9.54W, -8.94E,	
29-03	1530+15.0	49.5' LT	-2.18									1					-9.34W,	
29-04	1530+15.0	44.8' LT	-0.07														-9.44E,	
29-05	1531+45.0	8.0' RT	-0.50		1												-6.63W,	162
29-06	1531+45.0	39.5' LT	1.89							1							-9.16W, -11.16S, -7.06E, -11.06N,	
29-07	1531+45.0	49.5' LT	-1.01									1					-9.06E,	
29-08	1531+45.0	44.8' LT	1.40														-5.49W,	162
29-09	1532+70.0	8.4' RT	0.69		1												-10.72N, -10.82S, -9.32W, -5.92E,	
29-10	1532+70.0	39.5' LT	1.97							1							-9.12W,	
29-11	1532+70.0	49.5' LT	0.24									1					-9.22E,	
29-12	1532+70.0	44.8' LT	1.76														-3.78W,	162
29-13	1534+10.0	11.7' RT	2.16	△	1												-8.25W, -8.35E,	
29-14	1534+10.0	44.8' LT	2.33		1												-10.45S, -10.35N, -8.45W, -4.25E,	
29-15	1534+10.0	39.5' LT	2.54							1							-3.06W,	162
29-16	1534+75.0	13.6' RT	2.82	△	1												-9.9N,	
29-17	1534+75.0	49.5' LT	2.18									1					-10E,	
29-18	1534+75.0	44.8' LT	2.59														-10.2S, -10.1N, -10.1W, -3.55E,	
29-19	1534+75.0	39.5' LT	2.80							1							-2.62W,	162
29-20	1535+40.0	15.5' RT	3.49	△	1												-8.13E, -8.03W,	
29-21	1535+40.0	44.8' LT	2.85		1												-9.98S, -9.88NE, -8.23W, -3.13E,	
29-22	1535+40.0	39.5' LT	3.06							1							-2.14W,	162
30-01	1536+65.0	16.4' RT	5.06	△	1												-9.55S, -9.45N, -8.05W, -2.65E,	
30-02	1536+65.0	39.5' LT	3.52									1					-7.85W,	
30-03	1536+65.0	49.5' LT	4.24														-7.95E,	
30-04	1536+65.0	44.8' LT	3.25														-1.17W,	162
30-05	1537+75.0	17.5' RT	6.43	△	1												-7.49W, -7.59E,	
30-06	1537+75.0	44.8' LT	4.15		1												-9.19S, -7.95N, -7.69W, -1.69E,	
30-07	1537+75.0	39.5' LT	4.46							1							0.19W,	162
30-08	1539+05.0	16.0' RT	7.81	△	1												-6.32W,	
30-09	1539+05.0	49.5' LT	5.75									1					-6.42E,	
30-10	1539+05.0	44.8' LT	5.50														-7.52S, -5.64N, -0.32E, -6.52W,	
30-11	1539+05.0	39.5' LT	5.81							1							-4.81S,	
30-12	1540+45.0	85.2' LT	5.78														-4.91E,	
30-13	1540+45.0	80.8' LT	5.63														-5.11E, -3.21N, -5.01W,	
30-14	1540+45.0	75.3' LT	5.95							1							-4.2S,	
30-15	1540+55.0	44.8' LT	6.49		1												1.07W,	162
30-16	1540+45.0	12.4' RT	8.83	△	1						△	1					-5.3S, -5.2W, -4.3N, 0.6E,	
30-17	1540+45.0	39.5' LT	6.76														-2.82N, -2.82W, 2.92S,	
31-01	1542+95.6	46.1' LT	7.94							1							1.67W,	
31-02	1542+95.0	73.0' LT	7.56								1						-2.06S, -1.96W, 1.44E,	
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												2.2W,	162
31-05	1544+85.0	69.8' LT	8.06							1							-4.34N, -4.09W, 1.41E,	

BOWMAN, BARRETT & ASSOCIATES INC.
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312.228.0100
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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/09

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
11/11/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	998	140
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		(1818, ETC, 2324.6-1PJR-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)
31-06	1544+85.0	79.7' LT	6.70									1						
31-07	1544+85.0	75.0' LT	7.85															
31-08	1546+55.0	7.5' RT	6.59		1												-3.99E, 1.33W, 1.43E, -5.38N, -4.88S, -4.63W, 0.57E, -4.43W, -4.53E, 0.76W, 0.86E, 1.63W, 1.73E, -1.3W, -1.2E, -8.43N, -6.93W, -5.78S, -2.03E, -6.73W, -6.83E, -3.52W, -8.76N, -8.66S, -7.26W, -4.16E, -7.16E, -7.62W, -7.52E, -8.96S, -10.23N, -8.23W, -8.23E, -8.03W, -8.13E, -13.7N, -14.45E, -14.15W, -14.09E, -10.46S, -11.59W, -11.49E, -1.75E, -1.85W, -11.22N, -9.06NW, -8.96E, -11.47S, -11.57W, -12.1W, -12.15E, -11.55W, -11.65N, -11.47W, -11.57S, -11.9S, -11.9N, -12E, -8.39W, -12.89N, -12.99SE, -11.24W, -8.94E, -10.84W, -10.94E, -11.14E, -11.04W, -6.78W, -12.58N, -12.68S, -10.93W, -7.33E, -10.73W, -10.83E, -12.29W, -13.32N, -11.67E, -13.42S, -13.15NW, -13.25S, -9.2SE	162
31-09	1546+55.0	66.7' LT	6.86								1							
31-10	1546+55.0	76.7' LT	5.67									1						
31-11	1546+55.0	72.0' LT	6.65															
31-12	1546+55.0	43.0' LT	6.18	1														
31-13	1544+85.0	43.9' LT	7.83	1														
32-01	1548+47.0	7.5' RT	3.89		1													162
32-02	1548+47.0	63.7' LT	4.05								1							
32-03	1548+47.0	73.7' LT	3.51									1						
32-04	1548+47.0	69.0' LT	3.48															
32-05	1550+00.0	7.5' RT	1.63		1													162
32-06	1550+00.0	61.1' LT	1.70								1							
32-07	1550+00.0	71.0' LT	1.11									1						
32-08	1550+00.0	66.3' LT	1.49															
32-09	1551+54.0	7.5' RT	-0.65		1													162
32-10	1551+54.0	58.4' LT	-0.64								1							
32-11	1551+54.0	68.3' LT	-1.39									1						
32-12	1551+54.0	63.6' LT	-0.85															
32-13	1553+72.0	7.5' RT	-3.44								1							162
32-14	1553+72.0	54.2' LT	-3.39								1							
32-15	1553+72.0	64.2' LT	-4.57									1						
32-16	1553+72.0	59.5' RT	-3.60															162
32-17	1548+47.5	40.9' LT	4.35	1														
33-01	1554+75.0	7.5' RT	-3.92		1													162
33-02	1555+41.0	7.5' RT	-3.89		1													162
33-03	1555+04.0	7.5' RT	-3.93	1														162
33-04	1555+04.0	51.9' LT	-3.79							1								
33-05	1554+75.0	62.4' LT	-5.13									1						
33-06	1554+75.0	57.7' LT	-4.00															
33-07	1555+41.0	61.8' LT	-5.10									1						
33-08	1555+41.0	57.1' LT	-3.95															
33-09	1555+04.0	61.8' LT	-5.16										1					
33-10	1555+04.0	57.2' LT	-4.00															
33-11	1556+60.0	7.5' RT	-3.18		1													162
33-12	1556+60.0	51.5' LT	-3.02								1							
33-13	1556+60.0	62.8' LT	-4.28															
33-14	1556+60.0	56.8' LT	-3.23															
33-15	1558+05.0	7.5' RT	-1.59		1													162
33-16	1558+05.0	51.5' LT	-1.43								1							
33-17	1558+05.0	61.5' LT	-2.63									1						
33-18	1558+05.0	56.8' LT	-1.64															
33-19	1555+04.0	1.5' RT	-3.69								1							
33-20	1555+58.7	1.5' RT	-3.59								1							

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
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DS-20
 8/11/2005
 1:59:43 PM

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-IP)R-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 T2F&G	IN TB T1F OL	IN TB T2OF&G	CB TA 4 DIA T8G	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
34-01	1560+05.0	7.5' RT	-0.17		1												-5.29W,	162
34-02	1560+05.0	51.5' LT	-0.01						△	①							-12.29S, -11.04W, -5.84E, -12.19N,	
34-03	1560+05.0	61.5' LT	-0.82									1					-10.84W,	
34-04	1560+05.0	56.8' LT	-0.22														-10.94E,	
34-05	1562+90.0	7.5' RT	-0.23		1											△	-5.4W,	162
34-06	1562+90.0	51.5' LT	-0.07							1							-11.5N, -5.95E, -10.85W, -11.6S,	
34-07	1562+90.0	61.5' LT	-0.95									1					-10.65NW, -10.65W,	
34-08	1562+90.0	56.8' LT	-0.28														-10.75E,	
34-10	1564+95.0	51.5' LT	-1.63					△	①								-10.98S, -10.48W,	
34-11	1564+95.0	61.5' LT	-2.98									1					-10.28W,	
34-12	1564+95.0	56.8' LT	-1.84														-10.38E,	
35-01	1566+75.0	7.5' RT	-3.61		1												-9.25W,	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												△ -10.38NW, -10.48E,	
35-04	1566+75.0	56.8' LT	-3.66		1												-10.68E, -10.58W,	
35-05	1567+50.0	7.5' RT	-3.88		1												-9.51N,	162
35-06	1567+80.0	7.5' RT	-3.88		1												-9.51S,	162
35-07	1567+65.6	7.4' RT	-3.88	1													-9.71W, -9.61S, -9.61N, -9.61E,	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					-12.02S,	
35-12	1567+80.0	56.8' LT	-3.93										1				-12.22E, -12.12S, -12.12N,	
35-13	1567+65.6	61.5' LT	-5.16														-11.99W,	
35-14	1567+65.6	56.8' LT	-3.94														-12.09E,	
35-15	1568+30.0	61.5' LT	-5.00									1					-13.14N, -14.19E, -12.94S, -12.19W,	
35-16	1568+30.0	56.8' LT	-3.80														-14.75E, -14.25W, -10.9S,	162
35-17	1568+30.0	51.5' LT	-3.59							1							-9.42W, -9.32E,	162
35-18	1568+30.0	7.5' RT	-3.75														-9.17N, -12.82S, -11.57W, -9.97E,	
35-19	1570+15.0	7.5' RT	-1.81		1												-11.37NW,	
35-20	1570+15.0	51.5' LT	-1.65									1					-11.47E,	
35-21	1570+15.0	61.5' LT	-2.96														△ -10.81N, -10.71S, -9.81E,	
35-22	1570+15.0	56.8' LT	-1.86														-10.55N, -9.3NE,	
35-23	1567+65.6	1.5' RT	-3.65							1							-3.98W,	162
35-24	1566+62.0	3.5' RT	-3.37														-7.02N, -8.63S, -8.13W, -4.53E,	
36-01	1572+30.0	7.5' RT	1.14		1												-7.93W,	
36-02	1572+30.0	51.5' LT	1.30						1								-8.03E,	
36-03	1572+30.0	61.5' LT	0.21									1					-6.46S, -5.96W,	
36-04	1572+30.0	56.8' LT	1.09														-3.15W, -3.05N,	162
36-05	1573+57.0	51.5' LT	2.10						1								-6.75N, -3.7E, -6W,	
36-06	1574+77.0	7.5' RT	2.00		1												-5.8W,	
36-07	1574+77.0	51.5' LT	2.16														-5.9E,	
36-08	1574+77.0	61.5' LT	1.22									1					-5.27W,	162
36-09	1574+77.0	56.8' LT	1.95															
36-10	1577+31.0	7.5' RT	-0.14		1													

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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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-21
14-02-00 PM
8/11/2005

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	* (818, ETC, 2324.6-1P)R-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 T2F&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, -14.45S,	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												-13.97N, -14.07W,	162	
37-10	1581+80.0	7.5' RT	-5.69		1												-13.67S, -13.57NE,	162	
37-11	1581+64.0	7.5' RT	-5.70	1													-13.77N, -13.87S, -13.64W,	162	
37-12	1581+50.0	51.5' LT	-5.54							1							-12.24N, -14.72S, -14.62E, -14.22W,		
37-13	1581+50.0	61.5' LT	-6.28									1					-14.02N, -14.12E,		
37-14	1581+50.0	56.8' LT	-5.75														-13.6W,		
37-15	1581+80.0	61.5' LT	-6.27									1					-13.7S,		
37-16	1581+80.0	56.8' LT	-5.74														-14.09E, -13.92S, -13.82N,		
37-17	1581+63.9	61.5' LT	-6.28										1				-10.11W,	162	
37-18	1581+63.9	56.8' LT	-5.75														-10.66E, -11.56S, -11.46W,		
37-19	1583+05.0	7.5' RT	-4.99		1				1								-11.06SW, -11.16E,		
37-20	1583+05.0	51.5' LT	-4.83														-11.36E, -11.26W,		
37-21	1583+05.0	63.0' LT	-5.48		1												-9.98S,		
37-22	1583+05.0	56.8' LT	-5.04		1												-10.08E,		
38-01	1584+09.0	61.5' LT	-4.09														-12.61N, -10.18W, -13.18E,		
38-02	1584+09.0	56.8' LT	-3.60														-14.45E, -13.25W, -14.35N, -14.35S,	162	
38-03	1584+09.0	51.5' LT	-3.39														-9.28S, -9.38W,	162	
38-05	1584+09.0	7.5' RT	-3.55														-8.13N, -12.43S, -9.93E, -9.93W,		
38-06	1585+93.0	7.5' RT	0.31		1												-9.73W, -9.73SW,		
38-07	1585+93.0	51.5' LT	0.47														-9.83E,		
38-08	1585+93.0	61.5' LT	-0.12														-3.76S, -3.86W,	162	
38-09	1585+93.0	56.8' LT	0.26														-4.31N, -7.91S, -4.41E, -5.91W,		
38-10	1587+94.0	7.5' RT	4.53		1												-5.71W, -5.71SW,		
38-11	1587+94.0	51.5' LT	4.69							1							-5.81E,		
38-12	1587+94.0	61.5' LT	4.15														0.8S, 0.7W,	162	
38-13	1587+94.0	56.8' LT	4.48														-1.95N, -4.05S, -2.05W, 0.15E,		
38-14	1589+92.0	7.5' RT	7.86		1												-1.85W, -1.85SW,		
38-15	1589+92.0	51.5' LT	8.02														-1.95E,		
38-16	1589+92.0	61.5' LT	7.43														0.98S, 0.98E, 0.88W,	162	
38-17	1589+92.0	56.8' LT	7.81														0.78N, -1.67S, -0.17W, 0.33E,		
39-01	1591+58.0	7.5' RT	9.92		1												0.03N, 0.03W, 0.03S,		
39-02	1591+58.0	51.5' LT	10.08																
39-03	1591+58.0	61.5' LT	9.45																

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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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B:\11\2005
14048.PM
DS-22

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, 2324.6-1PR-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 (50 FT)
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					1.99E,	
39-08	1593+00.0	56.8' LT	11.10														2.91W, 3.22S,	162
39-09	1594+18.0	7.5' RT	11.80		1												1.61S, 2.36E, 2.36W,	
39-10	1594+18.0	51.5' LT	11.96						1								2.56W, 2.56SW,	
39-11	1594+18.0	61.5' LT	11.27									1					2.46E,	
39-12	1594+18.0	56.8' LT	11.75														4.43NE, 4.33W,	162
40-01	1597+49.0	7.5' RT	11.82		1												3.28N, 3.78E, 3.78W,	
40-02	1597+49.0	51.5' LT	11.98						1								3.98N, 3.98W,	
40-03	1597+49.0	61.5' LT	11.20									1					3.88E,	
40-04	1597+49.0	56.8' LT	11.77														6.31W,	162
40-05	1598+49.0	7.5' RT	11.30		1												2.86N, 2.96S, 3.36W, 5.76E,	
40-06	1598+49.0	51.5' LT	11.46						1								3.56N, 3.56W,	
40-07	1598+49.0	61.5' LT	10.66									1					3.46E,	
40-08	1598+49.0	56.8' LT	11.25														5.14N, 5.04W,	162
40-09	1599+99.0	7.5' RT	10.07		1												0.29N, 2.49S, 1.79W, 4.49E,	
40-10	1599+99.0	51.5' LT	10.23								1						1.99W, 1.99N,	
40-11	1599+99.0	61.5' LT	9.39									1					1.89E,	
40-12	1599+99.0	56.8' LT	10.02														-1.06N, -1.16W,	162
40-13	1601+78.0	7.5' RT	7.89		1												-3.71N, -0.01S, -1.71W, -1.71E,	
40-14	1601+78.0	51.5' LT	8.05								1						-1.51SW, -1.51NW, -1.51N,	
40-15	1601+78.0	61.5' LT	7.16									1					-1.61E,	
40-16	1601+78.0	56.8' LT	7.84														-0.46N, -0.56W,	162
41-01	1603+79.0	7.5' RT	4.51		1												-8.91N, -4.01S, 6.41W, -1.11E,	
41-02	1603+79.0	51.5' LT	4.67								1						-6.21W, -6.21N,	
41-03	1603+79.0	61.5' LT	3.73									1					-6.31E,	
41-04	1603+79.0	56.8' LT	4.46														-4.51N, -4.61W,	162
41-05	1605+79.0	7.5' RT	0.65		1												-12.43N, -9.13S, -10.16W, -5.16E,	
41-06	1605+79.0	51.5' LT	0.81								1						-9.96W, -9.96N,	
41-07	1605+79.0	61.5' LT	-0.07									1					-10.06E,	
41-08	1605+79.0	56.8' LT	0.60														-9.96W, -9.96N,	
41-09	1607+10.0	61.5' LT	-1.52									1					-10.06E,	
41-10	1607+10.0	56.8' LT	-0.95														-11.29N, -12.69S, -13.19E,	
41-11	1607+43.0	51.5' LT	-0.95								1						-13.25W, -14.95E, -10.25S,	162
41-12	1607+43.0	7.5' RT	-1.10									1					-11.26S, -11.26N,	
41-13	1607+79.0	51.5' LT	-1.08									1					-9.21E, -9.31N,	162
41-14	1607+95.0	7.5' RT	-1.26		1												-9.38N, -9.28NW, -9.28W,	
41-15	1607+95.0	56.8' LT	-1.32		1												-10.16W, -12.56S, -12.66N,	
41-16	1607+10.0	51.5' LT	-0.74								1						-9.97N, -10.25NE,	162
41-17	1607+10.0	7.5' RT	-0.90		1												-9.35W,	162
42-01	1608+30.0	7.8' RT	-1.28		1												-9.55NW, -9.45E, -9.45S,	162
42-02	1608+13.0	7.5' RT	-1.28		1												-11.22S, -10.97E, -9.72W,	
42-03	1608+13.0	51.5' LT	-1.12								1							

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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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DS-23
 8/11/2005
 14427 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	144
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	181B, 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 T2OF&G	CB TA 5 DIA TIF OL	CB TA 5 DIA T2OF&G	CB TC 2 DIA T2OF&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	DR STR T1 W/2 T2OF&G	DR STR T2 W/2 T22F&G	IN TB TIF OL	IN TB T2OF&G	CB TA 4 DIA T8C	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												△ -5.63W, -5.53SE,	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												△ -8.78SW, -8.78W, -8.88E,	
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												△ -2.13W,	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												△ -2.41W,	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												△ -4.37S, -4.57W,	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						
44-02	1620+61.0	56.8' LT	-0.78														△ -12.38E,	
44-03	1620+61.0	51.5' LT	-0.57							1							-9.53S, -12.48N, -12.48W, -12.58E,	
44-04	1620+61.0	6.8' RT	-0.70							1							-13.85N, -15.95E, -12.65W,	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								△ -12.06S, -11.81W,	
44-07	1621+60.0	61.5' LT	-3.31									1					-11.61SW,	
44-08	1621+60.0	56.8' LT	-1.77														-11.71E,	
44-09	1622+75.0	7.3' RT	-2.25		1												-7.5N,	162
44-10	1623+05.0	6.7' RT	-2.23		1												-7.53S,	162
44-11	1622+92.3	6.8' RT	-2.24	1													-7.63N, -7.63S, -7.73W, -7.63E,	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												△ -11.23E,	
44-14	1622+75.0	56.8' LT	-2.31		1												-11.43N, -11.33W,	
44-15	1623+05.0	62.9' LT	-3.78		1												-11.26E,	
44-16	1623+05.0	62.9' LT	-3.78		1												-11.46S, -11.36W,	
44-17	1622+92.3	63.4' LT	-3.77	1													-11.36SW, -11.36NW, -11.46E,	
44-18	1622+92.3	56.8' LT	-2.32	1													-11.56N, -11.56S, -11.66E, -11.56W,	
44-19	1624+05.0	6.2' RT	-1.81		1												-6.91N, -7.01W, -6.91E,	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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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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-24
14/228 FM
8/11/2005

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T2OF&G	CB TA 5 DIA TIF OL	CB TA 5 DIA T2OF&G	CB TC 2 DIA T2OF&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	DR STR T1 W/2 T2OF&G	DR STR T2 W/2 T2F&G	IN TB TIF OL	IN TB T2OF&G	CB TA 4 DIA T8G	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												△ -6.1N, -6.2S,					
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, -4.92N,	162				
45-08	1630+88.0	51.5' LT	0.33						1								-7.72N, -5.57E, -5.12W,					
45-09	1631+28.0	7.5' RT	1.18		1												-4.56S, -4.46NE,	162				
45-10	1630+88.0	56.8' LT	0.12		1												-5.02E, -4.92W,					
46-01	1632+42.0	7.5' RT	-1.35		1												-6.39SE, -6.49W, -6.39N,	162				
46-02	1632+42.0	51.5' LT	-1.19							1							-8.22S, -9.39N, -6.64W, -7.04E,					
46-03	1633+10.0	7.5' RT	-0.35		1												-5.65NE, -5.75S,	162				
46-04	1632+42.0	56.8' LT	-1.40		1												-6.54E, -6.44W,					
46-05	1633+90.0	7.5' RT	-2.81		1												-7.98W, -7.88SE,	162				
46-06	1633+90.0	51.5' LT	-2.65							1							-9.73S, -10.73N, -8.13W, -8.53E,					
46-08	1633+90.0	56.8' LT	-2.86		1												-8.03E, -7.93W,					
46-09	1635+05.0	7.5' RT	-3.93		1												-9.07W,	162				
46-10	1635+05.0	51.5' LT	-3.77							1							-10.98S, -11.57N, -9.27W, -9.62E,					
46-12	1635+05.0	56.8' LT	-3.98		1												-9.17E,					
46-13	1636+30.0	10.4' RT	-4.50		1												-9.74N,	162				
46-14	1636+45.0	10.9' RT	-4.50		1												-9.85SE, -9.95W, -9.85S,	162				
46-15	1636+45.0	51.5' LT	-4.21							1							-11.83S, -13.53N, -13.28W, -10.53E,					
46-17	1636+30.0	56.8' LT	-4.44		1												-12.98N,					
46-19	1636+45.0	56.8' LT	-4.42		1												-13.18E, -13.08S, -13.08W,					
46-21	1637+42.0	56.8' LT	-3.89		1												-14.76E, -14.66W,					
46-22	1637+42.0	51.5' LT	-3.68								1						-12.01N, -13.65S, -14.86W, -14.96E,					
46-23	1637+48.6	11.3' RT	-3.99								1						-15.07W, -16.71E,	162				
47-01	1638+85.0	11.2' RT	-2.05		1												-7.22W,	162				
47-02	1638+85.0	51.5' LT	-1.74							1							-9.58N, -11.5S, -7.5W, -7.8E,					
47-04	1638+85.0	56.8' LT	-1.95		1												-7.4E, -7.3W,					
47-05	1641+05.0	11.2' RT	2.01	1													-3.13W,	162				
47-06	1641+05.0	51.5' LT	2.31							1							-5.5N, -8.91S, -5.41W, -3.71E,					
47-08	1641+05.0	56.8' LT	2.10		1												-5.31E, -5.21W,					
47-09	1643+13.0	7.0' RT	5.99	1													0.82W,	162				
47-10	1643+13.0	54.3' LT	6.13							1							-5.05S, -2.11N, -0.35W, 0.25E,					
47-12	1643+13.0	59.6' LT	5.92	△	1				△			△					-0.25E, -0.15W,					
TOTALS				△	19	268	1	2	6	△	47	152	6	△	52	4	△	0	35	2	△	34555

BOWMAN, BARRETT & ASSOCIATES INC.
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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

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

08/14/2005 04:47:44 PM

SCHEDULE OF STORM SEWERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	146
STA. 62302		TO STA. (1818, ETC, 2324.6-1PR-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 CLA T2 12	SS CLA T2 15	SS CLA T2 18	SS CLA T2 21	SS CLA T2 24	SS CLA T2 27	SS CLA T2 30	SS CLA T2 33	SS CLA T2 36	SS CL A T2 42	SS CLA T2 48	SS CLA T3 21	SS CLA T3 24	SS CLA T3 27	SS CLA T3 30	SS CLA 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										36												12.7
2-04	2-03	0.17										111												32.6
2-05	2-04	0.21				24																		5.3
2-06	2-05	0.32		11																				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								65														47.0
3-01	3-01*	0.57	36																					7.0
EXIST.	3-01*	0.22																						80.0
3-03	3-01*	1.00		9										57										1.7
3-04	3-03	1.00		146																				27.7
3-06	3-04	1.00		146																				31.1
3-07	3-06	1.00	189																					44.6
4-01	EXIST.	0.50						48																15.8
4-02	4-01	1.00	121																					20.9
4-03	4-04	0.50						47																14.1
4-04	5-05*	1.00						66																48.1
EXIST.	5-05*	0.15														62								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								140														0.0
5-09	5-13	0.13																						0.0
5-10	5-09	0.92	11													166								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																				58		116.1
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								141														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				178																		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								45														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								61														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				8																		1.5
8-08	8-19*	0.15																						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								55														54.7
8-15	8-14	0.50	11																					1.7

NOTE: * INDICATED STRUCTURE HAS BEEN CONSTRUCTED IN CONTRACT 62300



REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

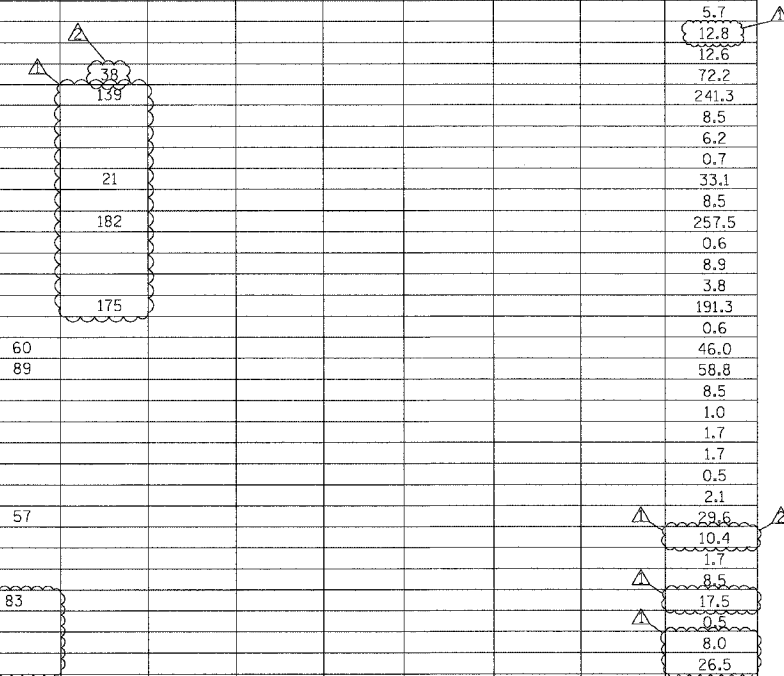
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE SCHEDULE
 PROPOSED STORM SEWER PIPES
 SCALE: _____ DRAWN BY: _____
 DATE: 7/7/05 CHECKED BY: _____

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SCHEDULE OF STORM SEWERS

F.A.I. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	147
STA.		TO STA.		
62302		ILLINOIS FED. AID PROJECT		
1818, ETC, 2324.6-1P1R-9				

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
8-16	8-15	0.50	11																					1.7
8-14	8-19*	0.50		41																				9.7
8-18	8-19	1.26		2																				0.5
EXIST.	8-18	0.50		8																				1.5
8-07	8-19	0.35									56													40.5
8-19	8-13	0.35									80													67.2
8-20	8-07	0.50	43																					8.3
9-01	9-02	1.12	9																					1.6
9-02	9-04	0.45							145															127.9
9-03	9-04	0.50						43																12.9
9-04	9-06	0.36								186														235.5
9-05	9-06	2.50	4																					0.7
9-06	9-11*	0.15														40								64.3
9-08	9-11*	0.65	26																					4.5
9-09	9-06	0.25											208											295.2
9-10	9-09	1.68	6																					1.0
9-11	9-09	0.61						44																13.2
9-12	EXIST.	1.00	7																					0.5
9-13	EXIST.	1.00	8																					0.5
9-14	EXIST.	1.00	6																					0.5
9-15	EXIST.	1.00	9																					0.5
10-01	9-09	0.32									180													248.4
10-02	10-01	1.44	3																					0.5
10-03	10-01	0.50						45																13.5
10-04	10-05	3.30	3																					0.5
10-05	10-01	0.32									114													209.1
10-06	10-05	0.50						44																13.2
10-07	10-06*	0.15														41								76.0
10-08	10-07	2.00	2																					0.5
10-10	10-06*	2.00	2																					0.5
10-11	10-07	0.18												97										169.1
10-12	10-11	0.18											84											138.9
10-13	10-12	2.00	2																					0.5
10-14	10-12	0.65	45																					8.7
10-15	EXIST.	0.50	217																					21.8
10-16	10-15	0.43	7																					0.9
10-17	10-16	0.56	106																					15.1
11-01	11-02	0.50	46																					8.9
11-02	10-12	0.32									187													251.0
11-03	11-02	0.34		30																				5.7
11-04	11-06	0.50		64																				12.8
11-05	11-01*	0.50	73																					12.6
11-06	11-01*	0.23																						12.6
11-08	11-06	0.20																						72.2
11-09	11-08	0.50	44																					241.3
EXIST.	11-06	0.50	5																					6.2
12-01	11-08	1.12	3																					0.7
12-02	11-08	0.20																						33.1
12-03	12-04	0.50	44																					8.5
12-04	12-02	0.20																						257.5
12-05	12-04	3.30	3																					0.6
12-06	12-07	0.50	46																					8.9
EXIST.	12-07	1.00	4																					3.8
12-07	12-04	0.20																						191.3
12-08	12-09	3.30	3																					0.6
12-09	12-07	0.25														60								46.0
12-10	12-09	0.25													89									58.8
12-11	12-10	0.50	44																					8.5
EXIST.	12-10	1.00	5																					1.0
12-12	13-05	0.50	11																					1.7
12-13	13-01	0.50	11																					1.7
13-01	13-03	1.00																						0.5
13-02	13-01	0.32		2																				2.1
13-03	12-10	0.25		15																				2.1
13-05	13-03	0.54		44												57								29.6
13-06	13-05	0.50	11																					10.4
13-07	13-08	0.50	44																					1.7
13-08	13-03	0.25														83								8.5
13-09	13-10	3.30	3																					17.5
13-10	13-08	0.35																						0.5
13-11	13-10	0.50																						8.0
13-12	13-11	0.50	44																					26.5
13-13	13-16	3.60	2																					13.5
13-14	13-16	0.63																						0.5
13-15	13-14	0.62	49							86														33.0
																								11.6



NOTE: * INDICATED STRUCTURE HAS BEEN CONSTRUCTED IN CONTRACT 62300

Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

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: _____

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SCHEDULE OF STORM SEWERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	149
STA.		TO STA.		
62302		11818, ETC, 2324.6-1PR-9		

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 CLA T2 12	SS CLA T2 15	SS CLA T2 18	SS CLA T2 21	SS CLA T2 24	SS CLA T2 27	SS CLA T2 30	SS CLA T2 33	SS CLA T2 36	SS CL A T2 42	SS CLA T2 48	SS CLA T3 21	SS CLA T3 24	SS CLA T3 27	SS CLA T3 30	SS CLA T3 36	TRENCH BACKFILL
19-11	19-10	0.50	11																					2.1
19-12	19-03	0.34								61														18.7
19-13	19-14	0.54	56																					10.9
19-14	19-12	0.57						91																23.6
19-15	19-14	2.00	5																					1.1
19-16	19-23	0.50								38														12.6
19-17	19-16	0.50	54																					9.3
19-18	19-16	0.64	4																					0.7
19-19	19-21	1.68	6																					1.2
19-20	19-22	1.12	9																					1.7
19-23	19-21	0.50								141														111.8
19-21	19-22	0.12																						66.7
20-01	19-21	0.20																						73.6
20-02	20-01	0.20																						91.3
20-03	20-02	1.70	6																					1.0
20-04	20-02	0.58	51																					8.8
20-05	20-07	3.30	3																					0.5
20-06	20-07	0.52	55																					9.5
20-07	20-11	0.40												31										39.1
20-11	20-02	0.40												135										150.1
20-08	20-07	0.40												197										281.1
20-09	20-08	2.00	2																					0.5
20-10	20-08	0.50	55																					9.5
21-01	20-08	0.55									210													298.0
21-02	21-01	1.12	3																					0.6
21-03	21-01	0.58	52																					9.0
EXIST.	21-01	0.50	14																					2.7
22-01	22-03	3.30	3																					0.6
22-02	22-03	0.55	56																					9.7
22-03	22-11	0.50																						162.9
22-04	22-05	0.55	55																					9.5
22-05	22-07	0.35												142										209.2
22-06	22-05	3.30	3																					0.6
22-07	22-08	0.35												46										61.5
22-08	23-02	0.17																						219.4
22-09	22-08	1.68	3																					0.6
22-10	22-08	0.55	55																					10.7
22-11	22-05	0.36																						86.9
EXIST.	22-07	1.00						3																2.9
EXIST.	22-11	1.00						3																3.4
23-01	23-02	1.00		3																				0.6
23-02	23-03	0.17																						129.9
23-03	23-07	0.17																						57.4
23-04	23-02	0.56	56																					10.9
23-05	23-08	0.61	23																					3.5
23-06	23-07	3.34	3																					0.6
23-07	23-08	0.20																						69.4
23-09	23-07	0.38												173										124.6
23-10	23-09	0.53	55																					9.5
23-11	23-09	0.78	17																					5.1
24-01	24-03	0.55	57																					9.9
24-02	24-03	1.00	3																					0.7
24-03	24-08	0.35																						24.1
24-04	24-02	0.92	11																					2.1
24-05	24-06	1.57	7																					1.2
24-06	24-08	1.00		3																				0.9
24-07	24-06	0.50	11																					2.1
24-08	24-13	0.33																						22.8
24-09	24-10	0.50	11																					2.1
24-10	24-11	1.00		11																				2.1
24-11	24-14	1.00		47																				12.2
24-15	24-13	2.00	5																					1.0
24-13	24-14	0.20																						39.0
24-16	24-14	0.64	28																					5.4
24-17	24-19	1.33	3																					0.6
24-18	24-19	0.57	56																					8.5
24-19	24-13	0.21																						174.9
24-20	24-19	0.20																						70.1
EXIST.	24-20	0.50	5																					0.8
25-01	24-20	0.20																						179.3
25-02	25-04	3.00	3																					0.6
25-03	25-04	0.50	60																					10.4
25-04	25-01	0.20																						25.7
25-05	25-14	1.00																						0.5
25-06	25-14	0.35																						32.6

Edwards AND Kelcey
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NOTE: * INDICATED STRUCTURE HAS BEEN CONSTRUCTED IN CONTRACT 62300

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

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: DATE: 7/7/05 DRAWN BY: CHECKED BY:

DS-29

09/14/2005 11:05:24 AM

SCHEDULE OF STORM SEWERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	150
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		11818, ETC, 2324.6-IP1R-9		

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 CLA T2 12	SS CLA T2 15	SS CLA T2 18	SS CLA T2 21	SS CLA T2 24	SS CLA T2 27	SS CLA T2 30	SS CLA T2 33	SS CLA T2 36	SS CL A T2 42	SS CLA T2 48	SS CLA T3 21	SS CLA T3 24	SS CLA T3 27	SS CLA T3 30	SS CLA 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
25-18	25-04	0.31											57											96.8
EXIST.	25-12	1.00	66																					10.0
EXIST.	25-13	0.44		29																				5.7
26-12	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																						12.1
26-07	26-03	0.90																						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						2																0.5
26-09	27-02	0.30												74										132.3
26-10	26-09	0.50	42																					9.3
26-03	26-09	0.48										194												339.0
27-01	27-02	1.00			3																			0.7
27-02	27-04	0.15														125								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													106								7.8
27-06	27-07	0.90		2																				1.0
27-07	27-08	0.20															37							43.0
27-08	27-14	0.20														77								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													172								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														104								44.6
28-12	28-11	0.60	53																					9.2
28-11	28-06	0.82	11																					1.7
1530+00	28-15	0.24														70								0.5
PLUG	10-08	0.44	3																					1.9
PLUG	10-11	2.36	6																					0.5
PLUG	11-03	0.44		2																				4.4
PLUG	11-04	0.44	25																					3.2
PLUG	11-06	0.44			8																			2.2
PLUG	12-02	1.00	7																					1.3
PLUG	12-07	1.00	4																					2.7
PLUG	12-10	0.21										8												0.5
PLUG	13-09	0.44	2																					1.5
PLUG	13-11	0.44	7																					1.0
PLUG	13-14	0.44	4																					0.5
PLUG	14-03	0.44	2																					4.4
PLUG	14-05	0.44	25																					0.5
PLUG	15-01	0.44	2																					0.5
PLUG	15-20	0.44	2																					0.5

NOTE: * INDICATED STRUCTURE HAS BEEN CONSTRUCTED IN CONTRACT 62300



REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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-30

14:03:00:03:35:CON 148/15/CADD/US/05/0032257

SCHEDULE OF STORM SEWERS

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

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 CLA T2 12	SS CLA T2 15	SS CLA T2 18	SS CLA T2 21	SS CLA T2 24	SS CLA T2 27	SS CLA T2 30	SS CLA T2 33	SS CLA T2 36	SS CL A T2 42	SS CLA T2 48	SS CLA T3 21	SS CLA T3 24	SS CLA T3 27	SS CLA T3 30	SS CLA T3 36	TRENCH BACKFILL
PLUG	15-26	0.44	2																					0.5
PLUG	16-01	0.44	19																					6.8
PLUG	16-06	0.44	2																					0.6
PLUG	17-02	0.44	4																					1.0
PLUG	17-10	0.44	3																					0.6
PLUG	17-11	0.44	3																					0.6
PLUG	17-14	0.44	3																					0.5
PLUG	18-01	0.44	3																					0.5
PLUG	19-09	0.44	3																					0.5
PLUG	19-15	0.44	3																					1.0
PLUG	19-18	0.44	3																					0.5
PLUG	19-19	0.44	3																					0.5
PLUG	20-03	0.44	3																					0.5
PLUG	20-05	0.44	3																					0.5
PLUG	20-09	0.44	3																					0.5
PLUG	21-02	0.44	3																					0.5
PLUG	22-01	0.44	3																					0.5
PLUG	22-11	0.58	6																					1.5
PLUG	22-07	0.44	6																					1.6
PLUG	23-01	0.44	3																					0.5
PLUG	23-06	0.44	3																					2.3
PLUG	23-11	0.50		3																				0.8
PLUG	24-04	0.44	3																					0.6
PLUG	24-05	0.44	3																					0.7
PLUG	24-15	0.44	3																					0.5
PLUG	24-20	2.63	8																					2.3
25-14	25-18	0.31												79										135.8
PLUG	25-18	1.65	9																					3.8
PLUG	25-10	0.44	3																					0.5
PLUG	26-12	0.44	3																					0.5
PLUG	27-06	0.44		5																				0.9
PLUG	27-11	1.73	3																					0.5
PLUG	28-05	0.44	3																					1.0
PLUG	28-12	0.44	3																					0.7

NOTE: * INDICATED STRUCTURE HAS BEEN CONSTRUCTED IN CONTRACT 62300



REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

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: DATE: 7/7/05

DRAWN BY: CHECKED BY:

DS-30A

03/14/2005 10:05:50 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	598	151
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.)	
29-02	28-15	13.0	36	0.25%														13.0											14.8		
29-06	29-02	128.0	36	0.22%														128.0												197.3	
29-10	29-06	122.0	36	0.20%														122.0												205.4	
29-15	29-10	135.0	36	0.20%														135.0												226.6	
29-19	29-15	60.0	33	0.25%													60.0													99.2	
29-22	29-19	60.0	33	0.20%													60.0													99.5	
30-02	29-22	118.5	30	0.28%																					118.5					196.8	
30-07	30-02	102.1	30	0.25%																					102.1					176.0	
30-11	30-07	121.5	24	0.35%																					121.5					189.4	
30-17	30-11	131.3	24	0.25%										131.3																175.4	
30-14	30-17	31.3	18	0.25%																										36.7	
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			0.1	
29-04	29-02	0.8	12	1.00%						0.8																				13.8	
29-01	29-02	42.9	12	1.00%					42.9																					13.6	
29-08	29-06	0.8	12	1.00%					0.8																					3.4	
29-05	29-06	43.1	12	1.00%					43.1																					11.5	
EX P	29-11	5.7	12	0.43%																							5.7			3.5	
29-12	29-10	0.8	12	1.00%																	0.8									9.2	
29-09	29-10	43.5	12	1.00%					43.5																					8.4	
EX P	29-14	11.3	12	0.55%																							11.3			2.7	
29-14	29-15	0.8	12	1.00%					0.8																					10.9	
29-13	29-15	46.7	12	1.00%					46.7																					8.9	
29-18	29-19	0.8	12	1.00%																	0.8									5.7	
29-16	29-19	48.6	12	1.00%					48.6																					11.9	
EX P	29-17	3.9	12	1.00%																							3.9			6.1	
EX P	29-21	12.6	18	0.30%			12.6																				12.6			13.1	
29-21	29-22	0.8	12	1.00%																	0.8									6.3	
29-20	29-22	50.5	12	1.00%					50.5																					12.7	
EX P	30-03	8.8	12	0.55%																							8.8			0.3	
30-04	30-02	0.8	12	1.00%																	0.8									5.1	
30-01	30-02	51.5	12	1.00%					51.5																					12.2	
EX P	30-06	8.8	12	1.00%																							8.8			2.0	
30-06	30-07	0.8	12	1.00%																	0.8									8.8	
30-05	30-07	52.5	12	1.00%					52.5																						12.2
EX P	30-09	8.7	12	0.49%																							8.7			2.0	
30-10	30-11	0.8	12	1.00%																	0.8									8.8	
30-08	30-11	51.0	12	1.00%					51.0																						12.2
EX P	30-12	2.0	12	0.43%																							2.0			0.3	
30-13	30-14	1.3	12	1.00%					1.3																						5.1
30-15	30-17	6.6	12	1.00%					6.6																						12.2
30-16	30-17	47.4	12	1.00%					47.4																						2.0
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
www.bbainc.com

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
ADDENDUM 1	8/12/05

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-31
8/11/2005 14:25 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.)
31-01	31-02	23.0	12	1.00%						23.0																			4.0	
31-03	31-02	1.3	12	1.00%						1.3																				
32-13	JC 32-01		42	0.10%																										
33-19	32-13	127.2	33	0.22%													127.2												126.0	
33-20	33-19	49.7	33	0.15%												49.7													44.3	
33-04	33-19	48.9	18	0.25%						48.9																			31.5	
33-12	33-20	109.3	33	0.15%													109.3												102.2	
33-16	33-12	140.0	33	0.15%													140.0												157.3	
34-02	33-16	195.0	27	0.15%										195.0															265.2	
32-14	32-13	56.7	42	0.10%																56.7									63.7	
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				219.0	
31-05	31-09	165.5	18	0.32%																					165.5				219.6	
31-07	31-05	1.3	12	1.00%																	1.3								4.3	
31-13	31-05	21.9	12	1.00%						21.9																			7.9	
31-04	31-13	47.4	12	1.00%						47.4																			0.3	
EX P	31-10	2.1	15	0.32%																							2.1			
31-11	31-09	0.8	12	1.00%																	0.8									
31-12	31-09	19.3	12	1.00%											19.3														2.7	
31-08	31-12	46.5	12	1.00%						46.5																			4.1	
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														7.4	
33-02	33-20	14.2	12	1.00%											14.2														1.3	
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															

BOWMAN, BARRETT & ASSOCIATES INC
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NOTE: DMH= DROP MANHOLE
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EX MH = EXISTING MANHOLE

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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	153
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		1818, ETC, 2324.6-IPR-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																			6.4	
EX CB	33-17	1.7	12	1.01%																								1.7		
33-18	33-16	0.8	12	1.00%						0.8																				
33-15	33-16	54.5	12	1.00%						54.5																			6.3	
EX CB	34-03	1.7	12	1.00%																								1.7		
34-04	34-02	0.8	12	1.00%					0.8																					
34-01	34-02	54.5	12	1.00%					54.5																				5.9	
35-18	JC 35-01		42	0.10%																										
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														15.2	
35-24	35-23	98.6	27	0.15%											98.6														24.9	
34-10	34-06	200.5	18	0.26%										200.5															205.7	
EX CB	34-07	2.0	12	1.00%																							2.0	0.1		
EX P	34-07	8.1	24	0.17%					8.1																				4.5	
34-05	34-06	54.5	12	1.00%						54.5																			6.2	
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	1.3	12	1.00%					1.3																					
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																			1.0	
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																			1.3	
35-06	35-07	10.4	12	1.00%						10.4																			1.2	
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
ADDENDUM 1	8/12/05

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-33
 14858 PM
 5002/11/05

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%																										
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	30.0	24	0.21%										30.0															23.9	
37-20	37-12	150.5	15	0.44%							150.5																		36.0	
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	
37-14	37-12	0.8	15	1.00%								0.8																		
37-18	37-14	10.0	12	1.00%							10.0																		5.2	
37-16	37-18	12.1	12	1.00%							12.1																		3.9	
EX IN	37-15	2.7	12	1.00%																							2.7		0.3	
37-09	37-12	54.5	15	1.00%								54.5																	39.0	
37-10	37-11	12.0	12	1.00%							12.0																		3.9	
37-11	37-09	10.0	12	1.00%							10.0																		5.2	
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																		5.9	
38-05	JC 38-01		48	0.10%																										
38-03	38-05	53.0	48	0.10%																									43.3	
38-07	38-03	178.5	42	0.10%																178.5									221.5	
38-11	38-07	196.0	36	0.11%																									222.7	
38-15	38-11	193.0	36	0.13%																									216.2	
39-02	38-15	161.0	30	0.17%											161.0														191.3	
39-06	39-02	137.5	27	0.25%											137.5														128.6	
39-10	39-06	114.0	24	0.32%										114.0															116.6	
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
ADDENDUM 1	8/12/05

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

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		11818, 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%																										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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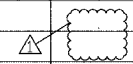
REVISIONS	
NAME	DATE

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

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%																							4.6	0.9		
EX CB	40-11	6.7	12	1.00%																							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	



REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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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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.
 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
 PROPOSED STORM SEWER PIPES

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

DS-37
03-09-00 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.)
44-11	44-12	53.1	15	1.00%						53.1																			7.1	
44-09	44-11	13.3	12	1.00%						13.3																			1.1	
44-10	44-11	8.7	12	1.00%						8.7																			0.7	
EX IN	44-11	2.3	12	1.00%						2.3																			0.1	
EX P	44-23	3.5	12	0.20%																							3.5		0.4	
EX CB	44-21	1.8	12	1.00%																							1.8			
44-24	44-20	0.8	12	1.00%						0.8																				
44-22	44-24	11.0	12	1.00%						11.0																			7.3	
44-19	44-20	53.3	12	1.00%						53.3																			6.0	
EX IN	44-19	9.3	12	1.00%						9.3																				
44-26	44-19	71.0	12	1.00%						71.0																			5.8	
EX CB	44-26	9.2	12	1.00%						9.2																			0.9	
45-03	45-05	16.0	12	1.00%						16.0																			12.6	
45-04	45-05	9.0	12	1.00%						9.0																			6.7	
EX P	45-03	7.8	12	3.20%																							7.8		4.4	
EX CB	45-05	1.9	12	1.00%																							1.9		0.1	
EX P	45-04	6.3	12	2.00%																							6.3		2.0	
EX CB	45-01	11.1	12	1.00%						11.1																			0.8	
45-06	45-02	0.8	12	1.00%																	0.8									
45-01	45-02	54.5	12	1.00%						54.5																			6.2	
46-23	DMH 46-01	57.1	36	0.83%																										
46-22	46-23	0.3	48	0.19%																	57.1								69.8	
46-21	46-22	0.3	12	1.00%																	0.3									
47-02	46-22	134.5	36	0.38%																	134.5								101.2	
47-06	47-02	215.0	36	0.31%																	215.0								188.1	
47-10	47-06	204.3	36	0.22%																	204.3								176.9	
46-15	46-22	91.5	36	0.13%																	91.5								81.8	
46-10	46-15	135.0	27	0.19%											135.0														46.7	
46-06	46-10	110.0	24	0.23%										110.0															38.0	
46-02	46-06	143.0	21	0.24%																									50.1	
45-08	46-02	149.5	21	0.33%																									50.4	
EX P	47-10	11.1	15	2.60%																							11.1		3.8	
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%						57.4																			6.5	
EX MH	47-08	6.0	12	1.00%																							6.0		1.3	
47-08	47-06	0.8	12	1.00%						0.8																				
47-05	47-06	58.2	12	1.00%						58.2																			6.9	
EX P	47-04	7.3	12	1.40%																							7.3		0.5	
47-04	47-02	0.8	12	1.00%						0.8																				
47-01	47-02	58.3	12	1.00%						58.3																			7.1	
46-17	46-19	11.0	12	1.00%						11.0																			4.1	
46-19	46-15	0.8	15	1.00%							0.8																			
EX MH	46-19	4.9	12	1.00%																							4.9		1.3	
46-13	46-14	11.0	12	1.00%						11.0																			0.9	

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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	159
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		(1818, ETC, 2324.6-IP)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.)
46-14	46-15	57.9	15	1.00%											57.9															8.2
EX CB	46-14	6.6	12	1.00%						6.6																				1.6
46-12	46-10	0.8	12	1.00%						0.8																				6.0
46-09	46-10	54.5	12	1.00%						54.5																				6.0
EX CB	46-08	4.5	12	1.00%																							4.5			4.5
46-08	46-06	0.8	12	1.00%						0.8																				6.2
46-05	46-06	54.5	12	1.00%						54.5																				1.2
EX CB	46-05	10.9	12	1.00%						10.9																				6.2
46-04	46-02	0.8	12	1.00%						0.8																				1.2
46-01	46-02	54.5	12	1.00%						54.5																				6.0
46-03	46-01	64.0	12	1.00%						64.0																				5.3
EX IN	46-01	3.8	12	1.00%						3.8																				0.2
EX CB	46-03	6.2	12	1.00%						6.2																				6.4
45-10	45-08	1.3	12	1.00%						1.3																				3.6
45-07	45-08	55.0	12	1.00%						55.0																				0.6
45-09	45-07	36.0	12	1.00%						36.0																				0.6
EX CB	45-09	8.1	12	1.00%						8.1																				3.7
EX CB	45-10	3.7	12	1.00%																							3.7			3.7
EX CB	46-04	3.1	12	1.00%																							3.1			0.1
EX MH	46-21	5.0	12	1.00%																							5.0			3.3
EX CB	31-08	3.9	12	1.00%						3.9																				0.3
34-06	34-02	280.0	21	0.21%																				280.0						372.7
33-13	33-14	2.0	12	1.00%						2.0																				2.0
TOTALS					4897	1050	37	202	9	4753	907	2126	2835	1487	2069	2698	606	4527	1623	164	37	292	321	357	238	0	58	486	38	23359

NOTE: DMH= DROP MANHOLE
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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

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

SCHEDULE OF PIPE UNDERDRAINS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	160
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302 • 0818, ETC, 2324.6-IPR-9				

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)	
1367+00	1367+23	RT	23	1-01	8
1371+19	1367+23	RT	396	1-01	8
1375+02	1371+19	RT	383	1-05	8
1375+02	1378+01	RT	299	2-04	1
1378+01	1378+44	RT	43	2-06	1
1379+93	1378+44	RT	149	2-06	1
1383+06	1379+93	RT	313	3-02	0
1386+92	1383+06	RT	386	3-06	5
1388+00	1386+92	RT	108	4-02	6
1391+00	1393+56	LT	256	5-06	0
1396+69	1393+56	LT	313	5-06	0
1398+23	1396+69	LT	154	5-12	0
1401+29	1398+23	LT	306	6-04	0
1401+29	1403+18	LT	189	7-03	0
1406+00	1406+81	RT	81	7-09	3
1403+18	1405+06	LT	188	7-11	0
1405+06	1406+95	LT	189	7-07	0
1406+81	1409+66	RT	285	8-05	6
1406+95	1408+52	LT	157	8-03	0
1408+52	1410+29	LT	177	8-06	0
1409+66	1411+65	RT	199	8-17	1
1410+29	1411+65	LT	136	8-11	0
1415+01	1411+65	RT	336	8-17	1
1413+55	1411+65	LT	190	8-11	0
1418+94	1415+01	RT	393	9-03	6
1416+90	1413+55	LT	335	9-05	0
1418+94	1416+90	LT	204	9-06	0
1421+88	1418+94	RT	294	9-11	6
1420+75	1418+94	LT	181	9-10	0
1425+00	1421+88	RT	312	10-06	6
1423+10	1420+75	LT	235	10-02	0
1425+00	1423+10	LT	190	10-08	0
1426+09	1425+00	RT	109	10-14	6
1426+09	1425+00	LT	109	10-13	0
1426+09	1429+58	RT	349	11-07	3
1426+09	1428+87	LT	278	11-04	0
1429+58	1433+11	RT	353	11-09	6
1428+87	1430+99	LT	212	12-01	0
1430+99	1433+11	LT	212	12-05	0
1433+11	1434+91	RT	180	12-06	6
1433+11	1435+56	LT	245	12-08	0
1434+91	1437+12	RT	221	13-05	6
1435+56	1437+12	LT	156	13-01	0
1439+69	1437+12	RT	257	13-05	6
1438+46	1437+12	LT	134	13-01	0
1440+81	1438+46	LT	235	13-09	0
1443+32	1439+69	RT	363	13-12	6
1443+32	1440+81	LT	251	13-13	0
1443+32	1447+55	RT	423	14-07	6
1443+32	1445+39	LT	207	14-03	0
1445+39	1448+00	LT	261	14-08	0
1447+55	1450+47	RT	292	15-18	3
1448+00	1449+49	LT	149	15-20	0
1449+49	1450+34	LT	85	15-11	0
1453+32	1450+47	RT	285	15-18	3
1451+35	1450+34	LT	101	15-11	0
1453+32	1451+35	LT	197	15-28	0
1455+35	1453+32	RT	203	15-25	6
1454+64	1453+32	LT	132	15-24	0
311+92	310+59	LT	133	15-08	0
314+28	311+92	LT	236	15-20	0
316+47	314+28	LT	219	15-26	0
1455+35	1457+69	RT	234	16-03	6

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)	
316+47	318+64	LT	217	16-01	2
1457+69	1460+35	RT	266	17-18	1
318+64	320+60	LT	196	16-06	0
1459+71	1460+35	LT	64	17-02	0
1463+31	1460+35	RT	296	17-18	1
1463+31	1460+35	LT	296	17-02	0
1467+28	1463+31	RT	397	17-12	6
1465+13	1463+31	LT	182	17-11	0
1467+29	1465+13	LT	216	17-14	0
1467+28	1471+18	RT	390	18-06	6
1467+29	1469+30	LT	201	18-01	0
1469+30	1471+11	LT	181	18-04	0
1471+18	1473+75	RT	257	19-06	6
1471+11	1473+75	LT	264	19-10	0
1476+03	1473+75	RT	228	19-06	6
1474+58	1473+75	LT	83	19-10	0
1475+98	1474+58	LT	140	19-15	0
1477+81	1476+03	RT	178	19-17	5
1477+81	1475+98	LT	183	19-18	0
1481+55	1477+81	RT	374	19-20	3
1479+78	1477+81	LT	197	19-19	0
1481+55	1479+78	LT	177	20-03	0
1485+69	1481+55	RT	414	20-06	3
1483+55	1481+55	LT	200	20-05	0
1485+69	1483+55	LT	214	20-09	0
1488+19	1485+69	RT	250	21-03	3
1488+19	1485+69	LT	250	21-02	0
1488+19	1490+69	RT	250	22-02	3
1488+19	1490+69	LT	250	22-01	0
1490+69	1494+63	RT	394	22-10	3
1490+69	1492+66	LT	197	22-06	0
1492+66	1494+63	LT	197	22-09	0
1494+63	1498+57	RT	394	23-05	4
1494+63	1496+43	LT	180	23-01	0
1496+43	1498+73	LT	230	23-06	0
1498+57	1500+54	RT	197	23-10	4
1498+73	1500+75	LT	202	23-11	0
1500+54	1503+59	RT	305	24-10	4
1500+75	1502+61	LT	186	24-02	0
1502+61	1503+59	LT	98	24-06	0
1506+59	1503+59	RT	300	24-10	4
1506+59	1503+59	LT	300	24-17	0
1508+83	1506+59	RT	224	24-18	4
332+12	1506+59	LT	206	24-17	0
1510+96	1508+83	RT	213	25-03	4
333+55	332+12	LT	143	25-02	0
334+85	333+55	LT	130	25-05	0
1512+96	1510+96	RT	200	25-08	4
1515+16	1512+96	RT	220	25-12	4
336+93	336+20	RT	73	25-13	0
336+93	340+75	RT	382	26-06	2
1515+16	1517+46	RT	230	26-05	4
1517+46	1519+42	RT	196	26-10	4
340+75	342+59	RT	184	26-08	2
1519+42	1522+70	RT	328	27-08	2
342+59	344+76	RT	217	27-03	3
344+76	1522+66	LT	124	27-06	6
1522+70	1525+28	RT	258	27-12	2
1522+66	1525+28	LT	262	27-10	0
1525+28	1527+56	RT	228	28-02	2
1525+28	1527+53	LT	225	28-06	0
1530+00	1527+56	RT	244	28-02	2
1530+00	1527+53	LT	247	28-06	0
1413+55	1412+36	LT	119	8-18	0
1416+90	1413+55	LT	335	9-05	0
1418+94	1416+90	LT	204	9-06	0
1420+75	1418+94	LT	181	9-10	0
1422+00	1420+75	LT	125	10-02	0

DS-40



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

06/27/2005 06:53:36 PM I:\PROJECTS\9409\9409.DWG

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+50.0	RT	34.0	37-09	6.0
1581+17.5	1581+48.5	LT	31.0	37-14	
1581+62.5	1581+52.5	LT	10.0	37-14	
1581+77.5	1581+65.4	LT	12.0	37-18	
1583+04.0	1581+50.0	RT	154.0	37-09	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
ADDENDUM 1	8/12/05

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
2/2/2005

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

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.		

SCHEDULE OF PIPE UNDERDRAINS

STATION	OFFSET	STATION	OFFSET	PIPE UNDERDRAINS 12" (FT)
1540+12.8	14.4' RT	1540+16.9	88.2' LT	102.6
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				403.3

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-IPR-9		

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

DS-42
20.048 PW
8/11/2005

SCHEDULE OF STORM SEWERS JACKED IN PLACE

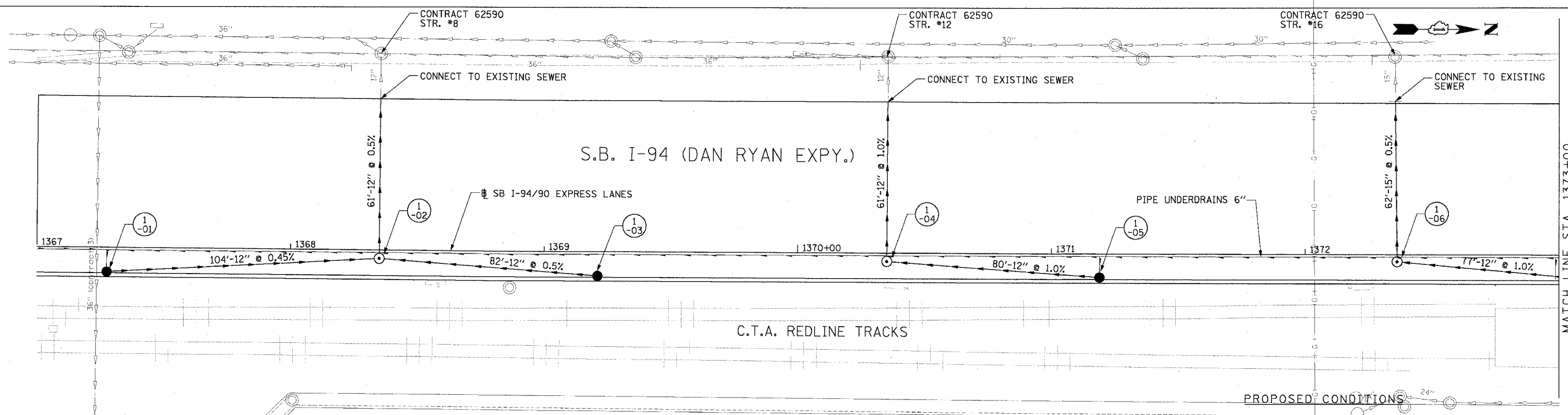
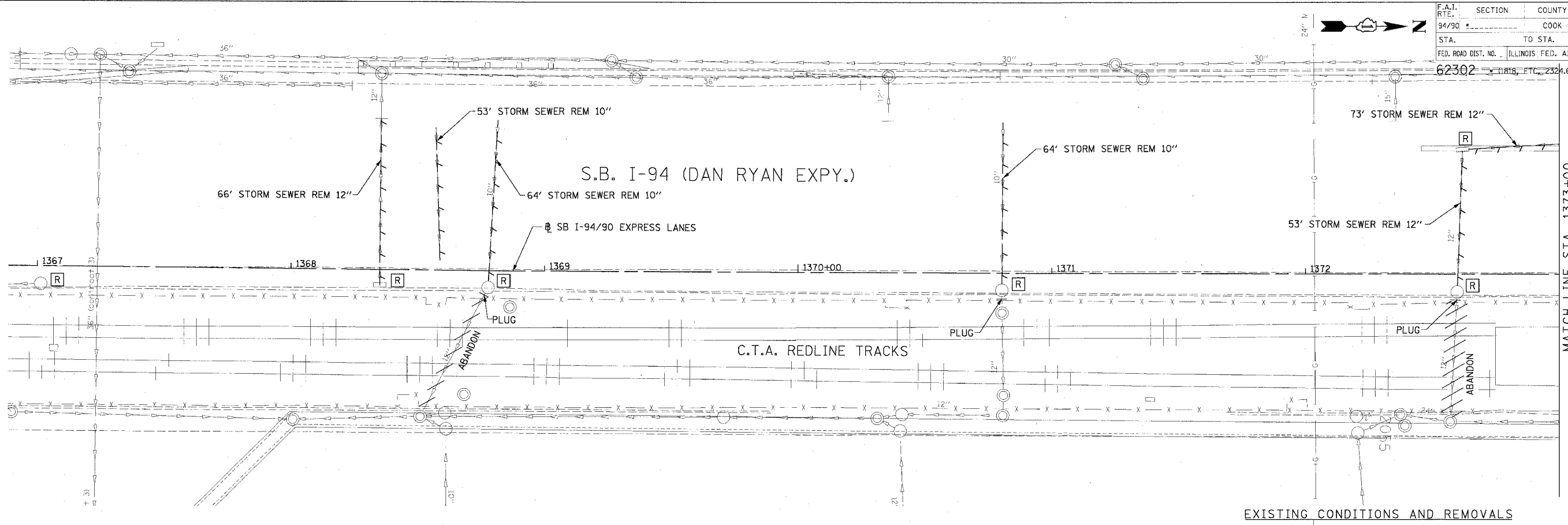
UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	SLOPE %	SEWER INVERTS		CASING INVERTS		STORM SEWERS JACKED IN PLACE, CLASS A 36" LF	STORM SEWERS JACKED IN PLACE, CLASS A 42" LF	STORM SEWERS JACKED IN PLACE, CLASS A 48" LF	STEEL CASING PIPE 48" LF	STEEL CASING PIPE 60" LF	STEEL CASING PIPE 66" LF	BRACED EXCAVATION		TRENCH BACKFILL	
			UPSTREAM	DOWNSTREAM	UPSTREAM	DOWNSTREAM							JACKING PIT AND / OR JUNCTION CHAMBER CONSTRUCTION	RECEIVING PIT	JACKING PIT AND / OR JUNCTION CHAMBER CONSTRUCTION	RECEIVING 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
TOTAL							85	259	120	85	259	120	4461	520	3367	300

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NAME	DATE
ADDENDUM 1	8/12/05

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	164
STA.	TO STA.		ILLINOIS FED. AID PROJECT	
62302	1367+00 TO 1373+00		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

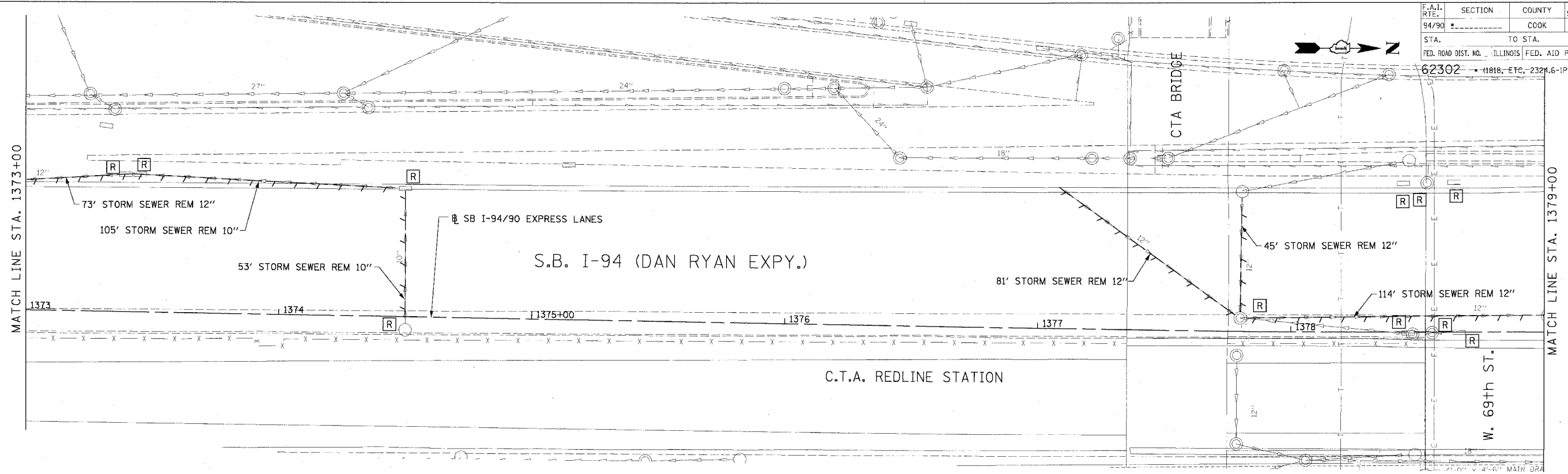
DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1367+00 TO STA. 1373+00

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

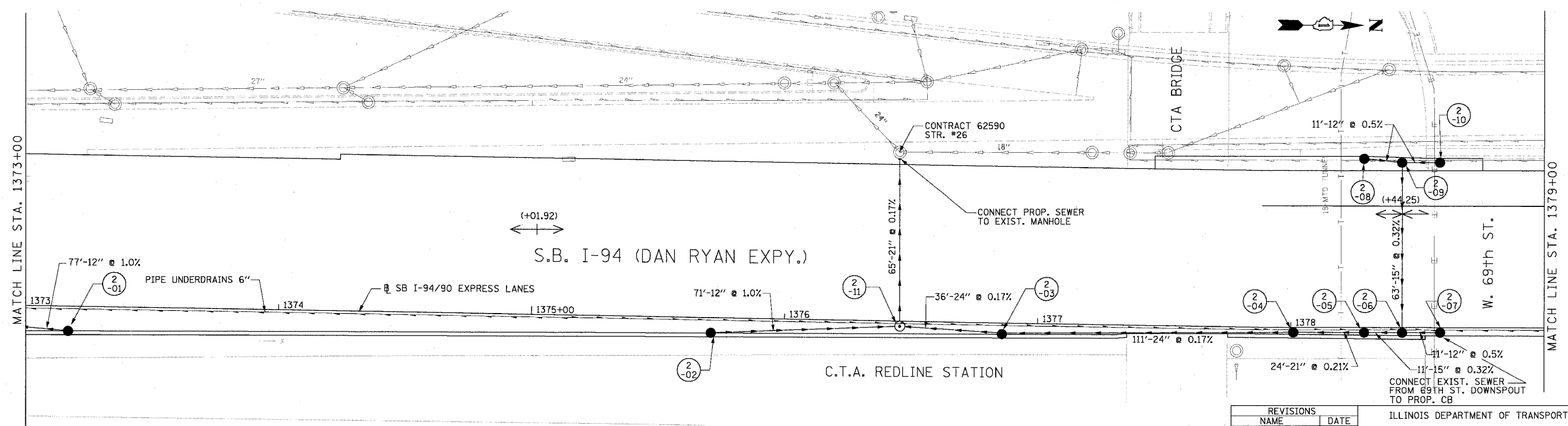
**Edwards
 AND Kelcey**
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	165
STA.	TO STA.			
62302	11818, ETC., 2321.6-1PIR-9			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXISTING CONDITIONS AND REMOVALS

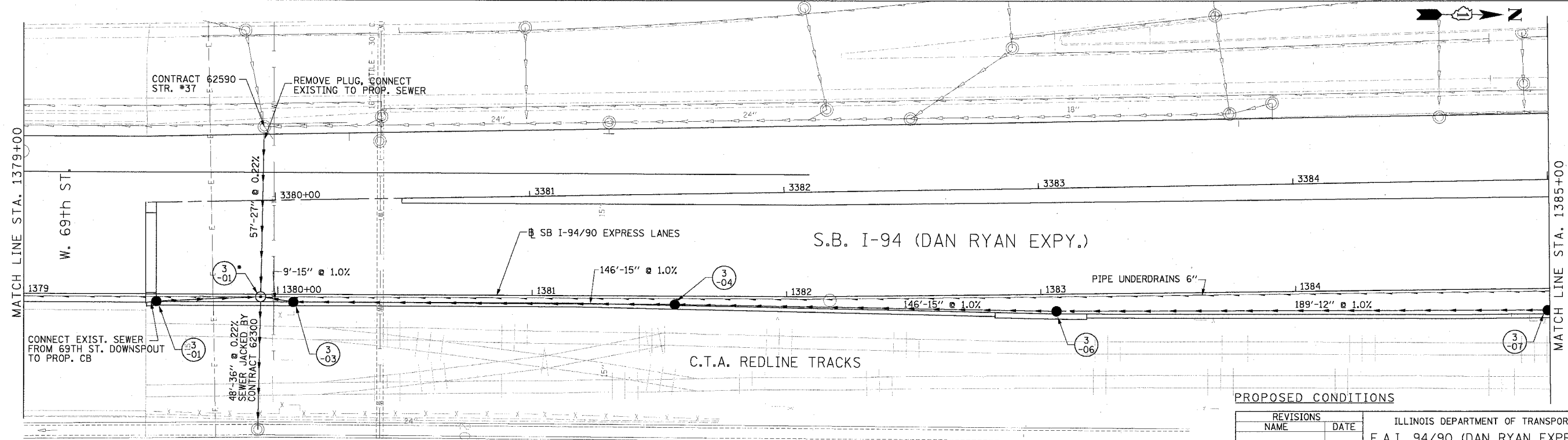
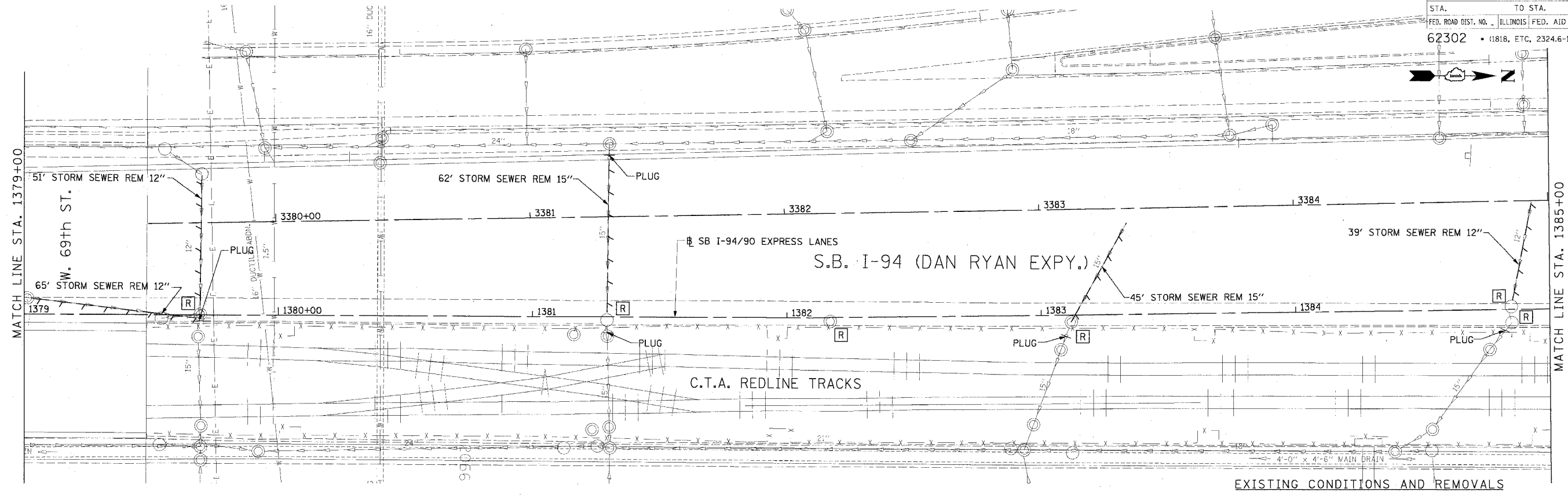


REVISIONS	DATE

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

06/24/2005 02:24:41 PM



NOTE:
 • STRUCTURE BUILT IN CONTRACT 62300

PROPOSED CONDITIONS

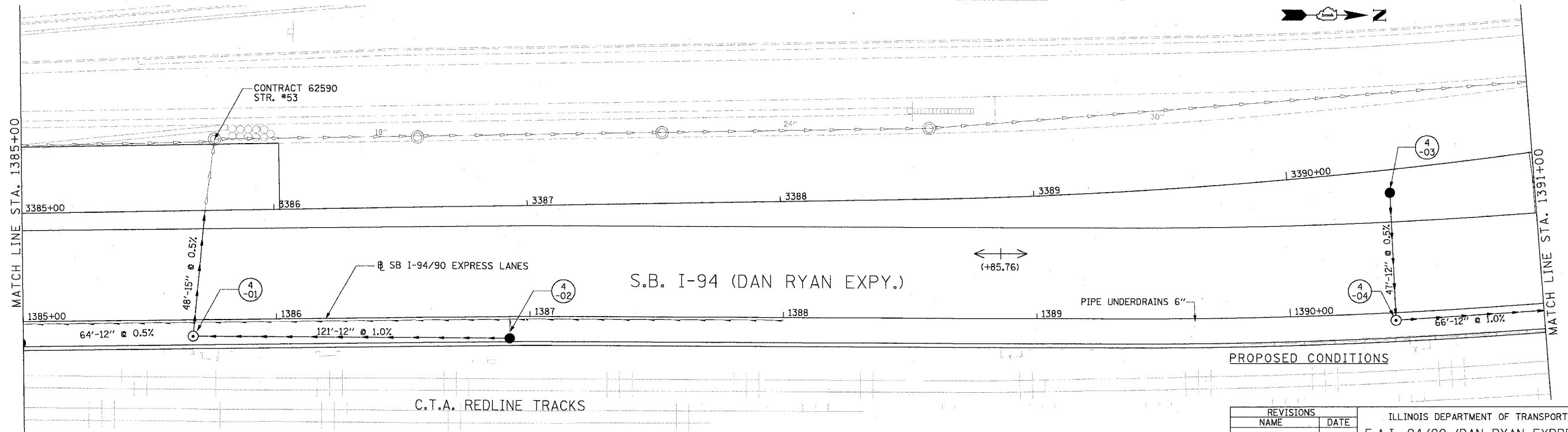
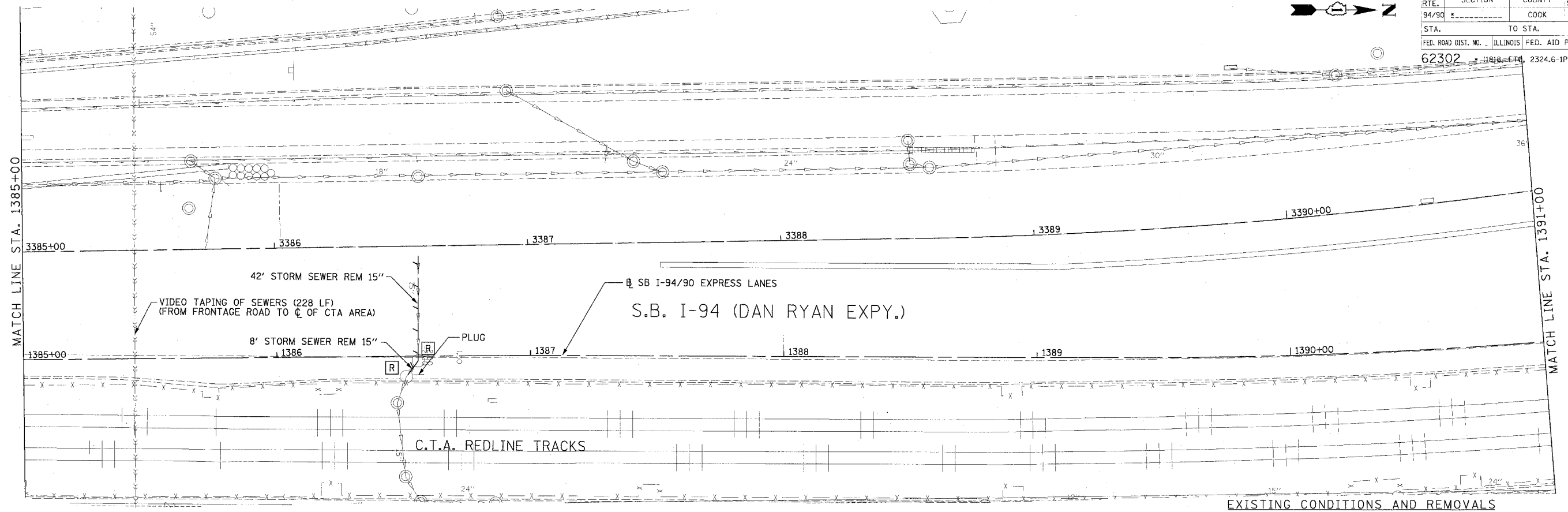
REVISIONS NAME	DATE

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. 1379+00 TO STA. 1385+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM



PA030009.035 Con 48/5' CADEN/5' 4/15/05 CG-326 SH
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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		



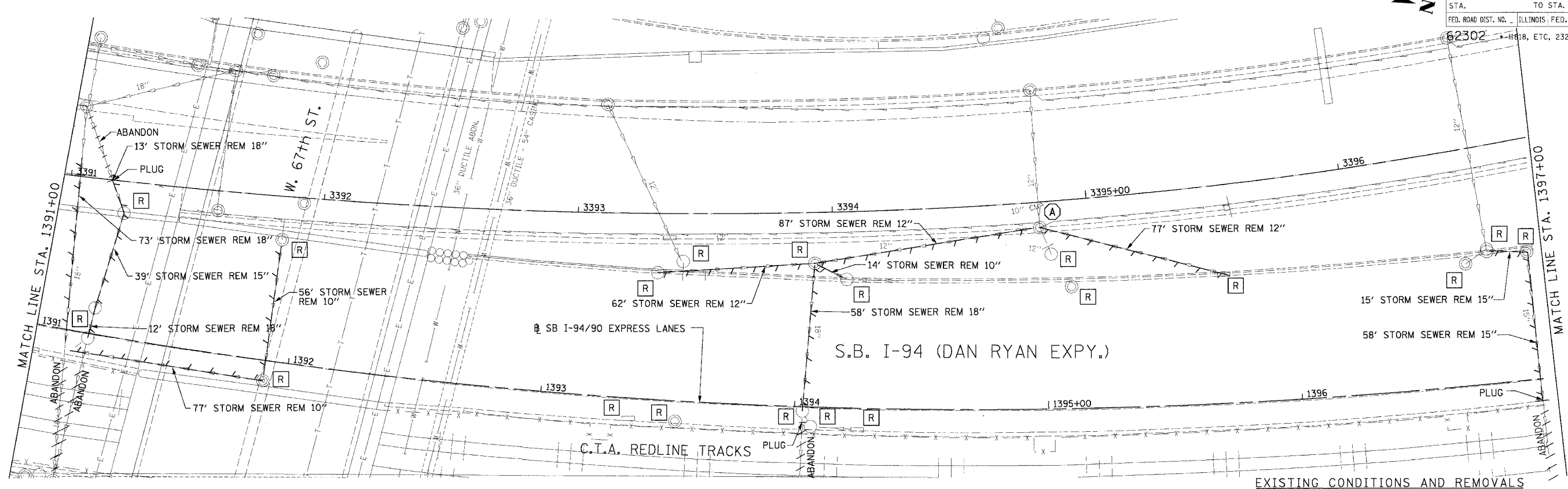
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE

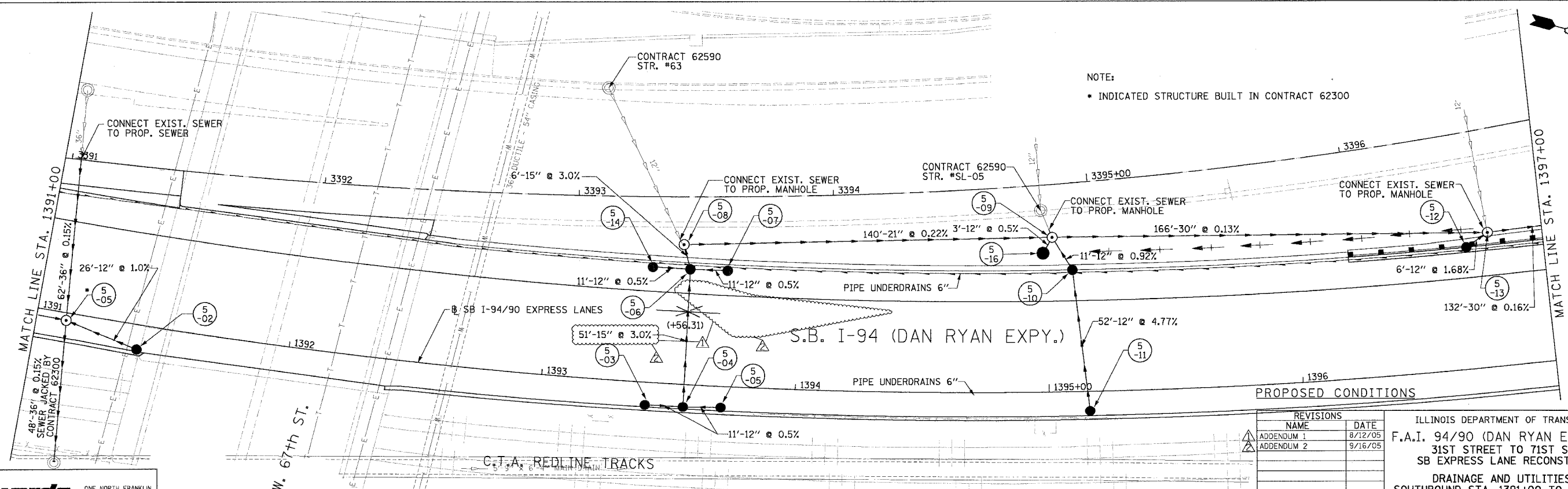
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1385+00 TO STA. 1391+00
 SCALE: 1"=20'
 DATE: 7/1/05
 DRAWN BY: LPN
 CHECKED BY: PJM

DU-4
 06/24/2005 02:05:41 PM

F.A.I. RITE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	168
STA.	TO STA.			
62302	1391+00 TO 1397+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	H-18, ETC. 2324.6-1PJR-9			



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

NOTE:
 • INDICATED STRUCTURE BUILT IN CONTRACT 62300

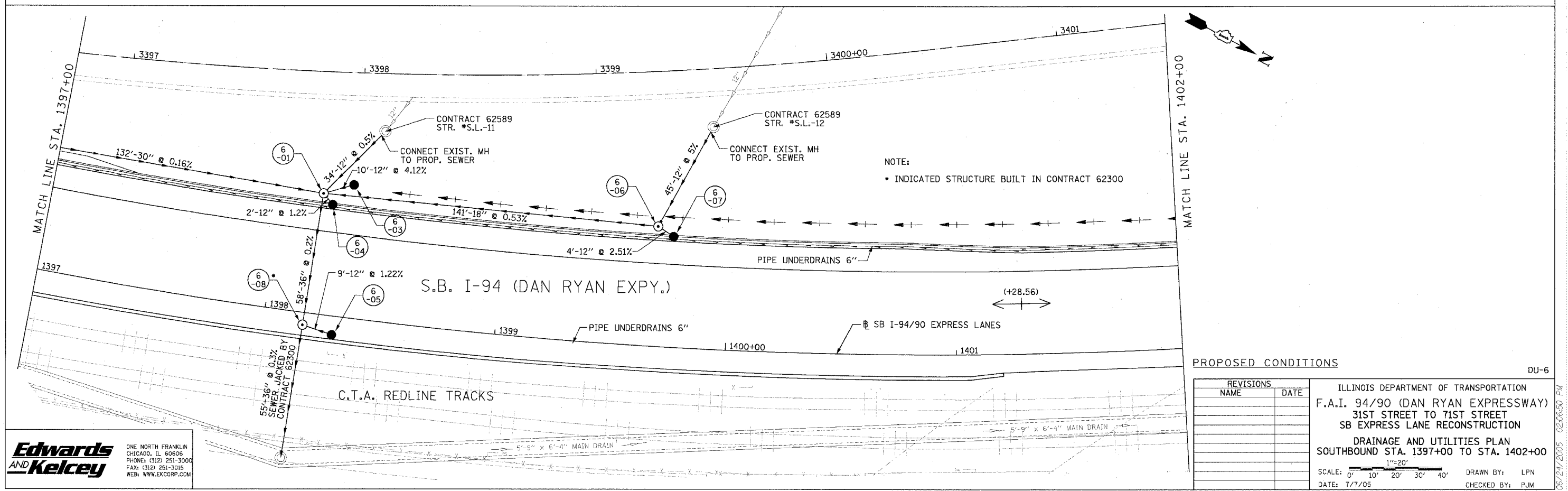
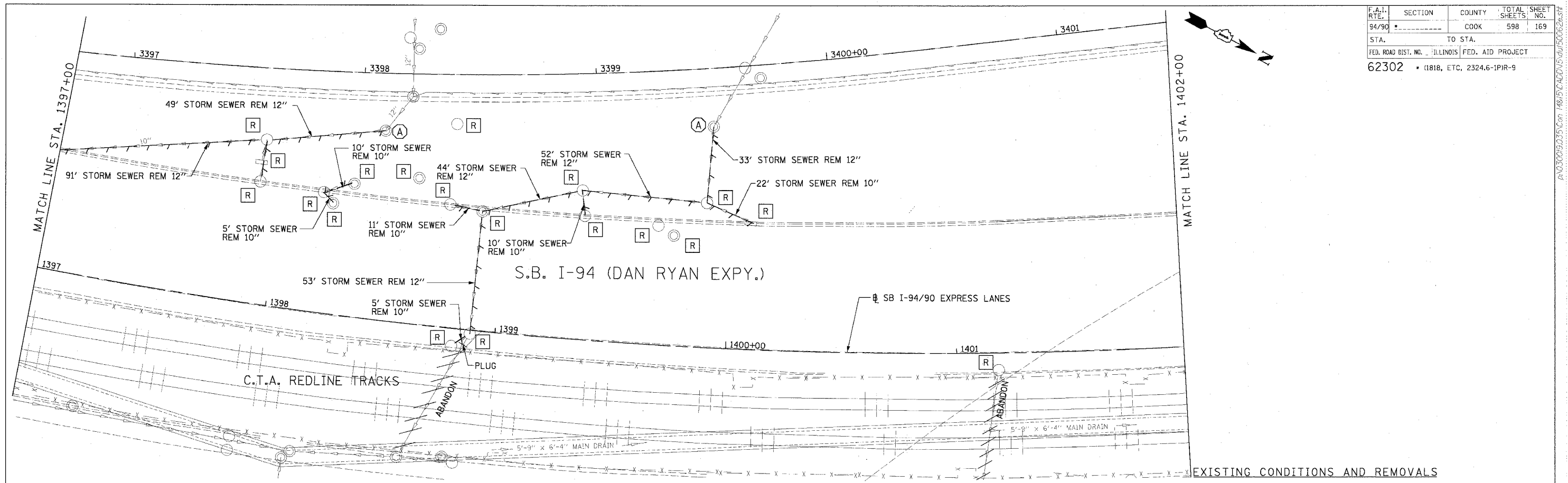
Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.ECKORP.COM

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

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: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

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



Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
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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: 0' 10' 20' 30' 40' 1"=20'
 DATE: 7/7/05

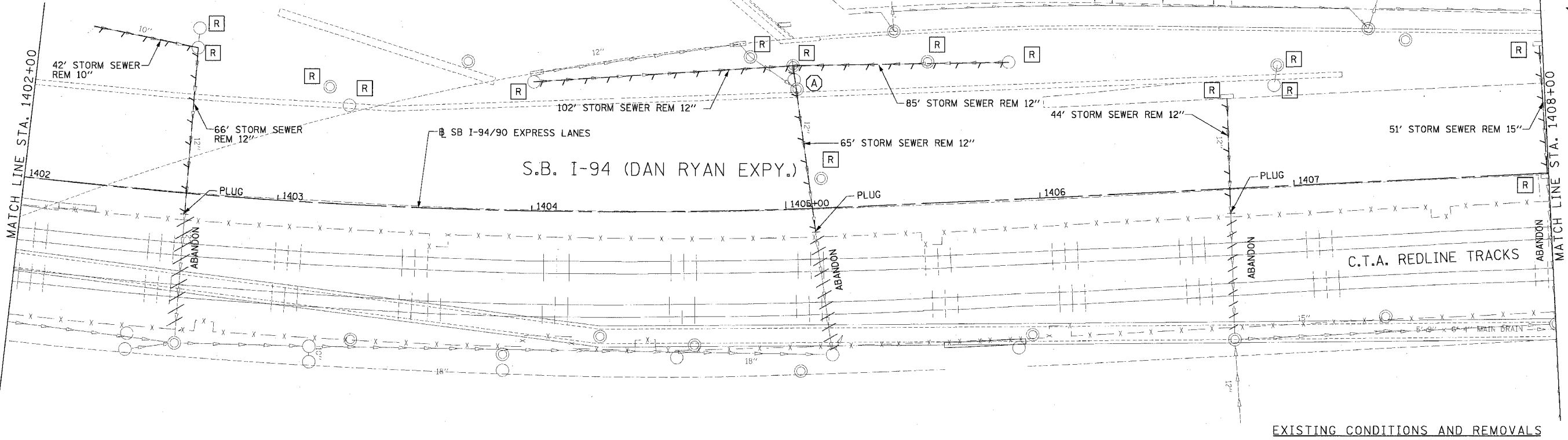
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 CHECKED BY: PJM

DU-6

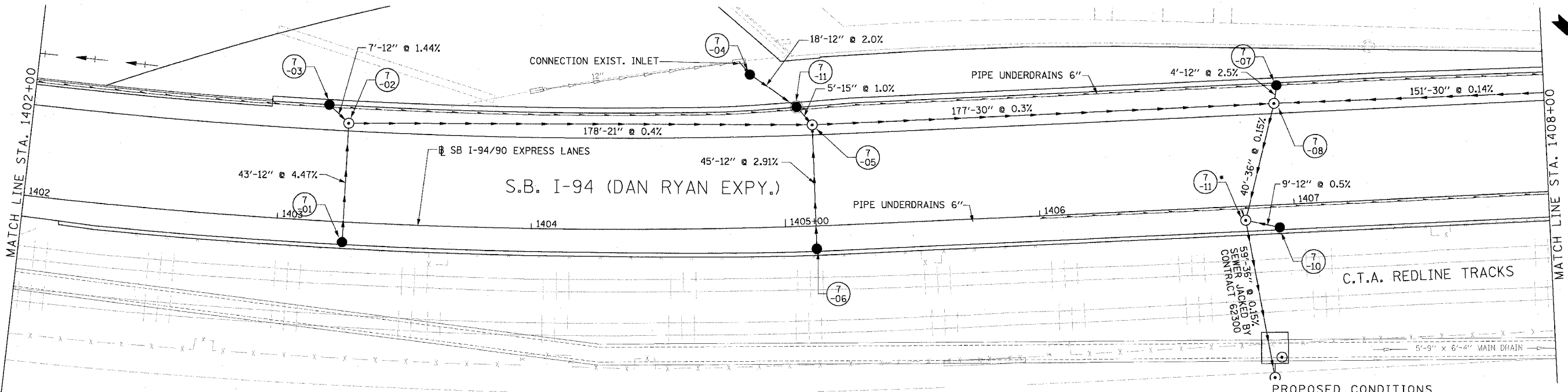
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CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 20 FRAME AND GRATE

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	181B, ETC, 2324.6-1PR-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.EKCORP.COM

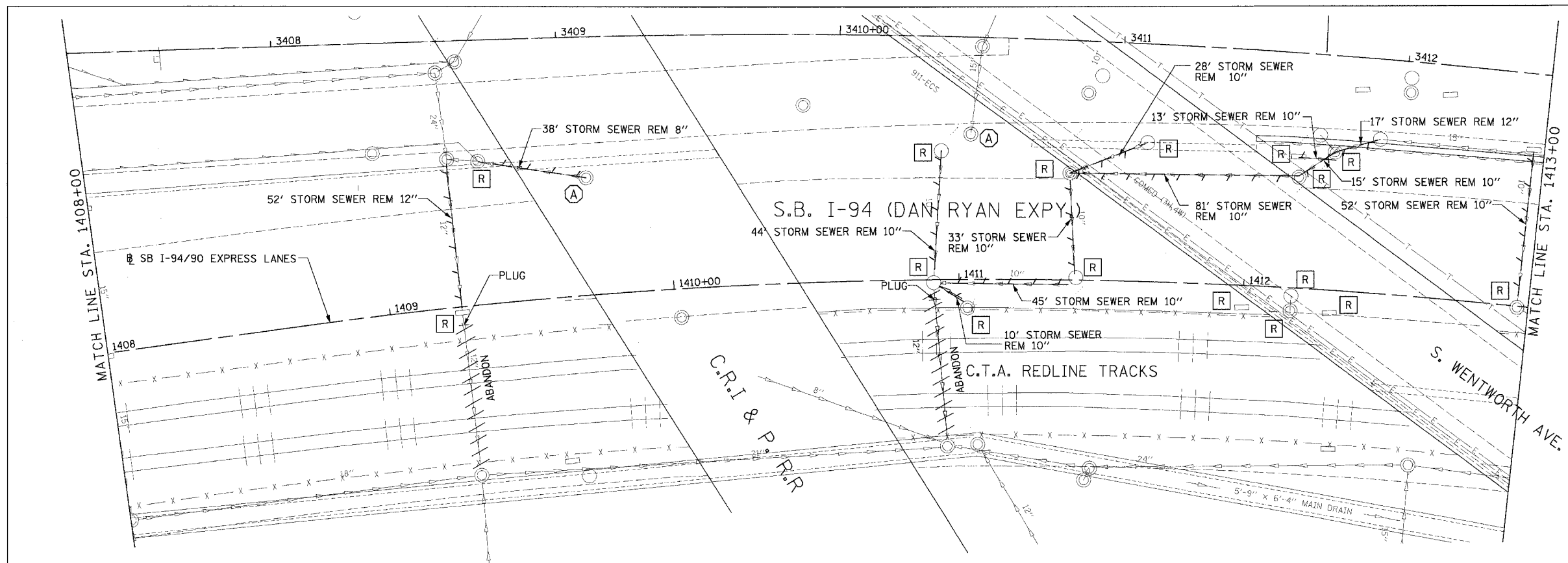
REVISIONS	NAME	DATE

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. 1402+00 TO STA. 1408+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

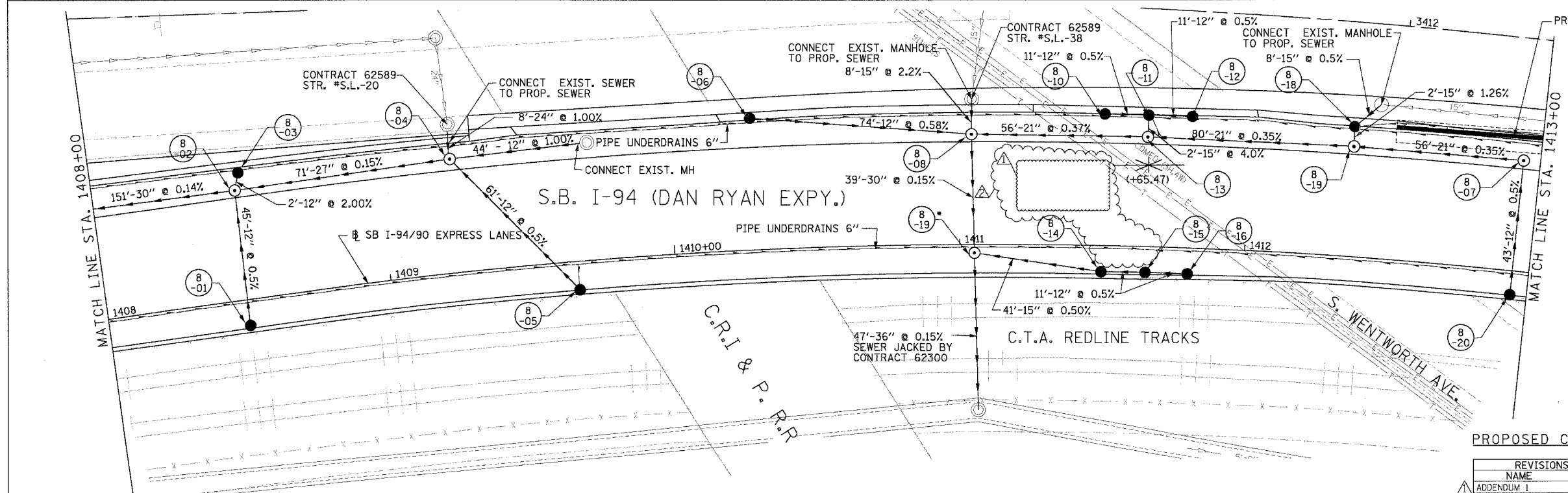
DU-7

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F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	171
STA.	TO STA.		FED. AID PROJECT	
62302	ILLINOIS		2324.6-1PJR-9	



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

NOTE:
 * STRUCTURE BUILT IN CONTRACT 62300

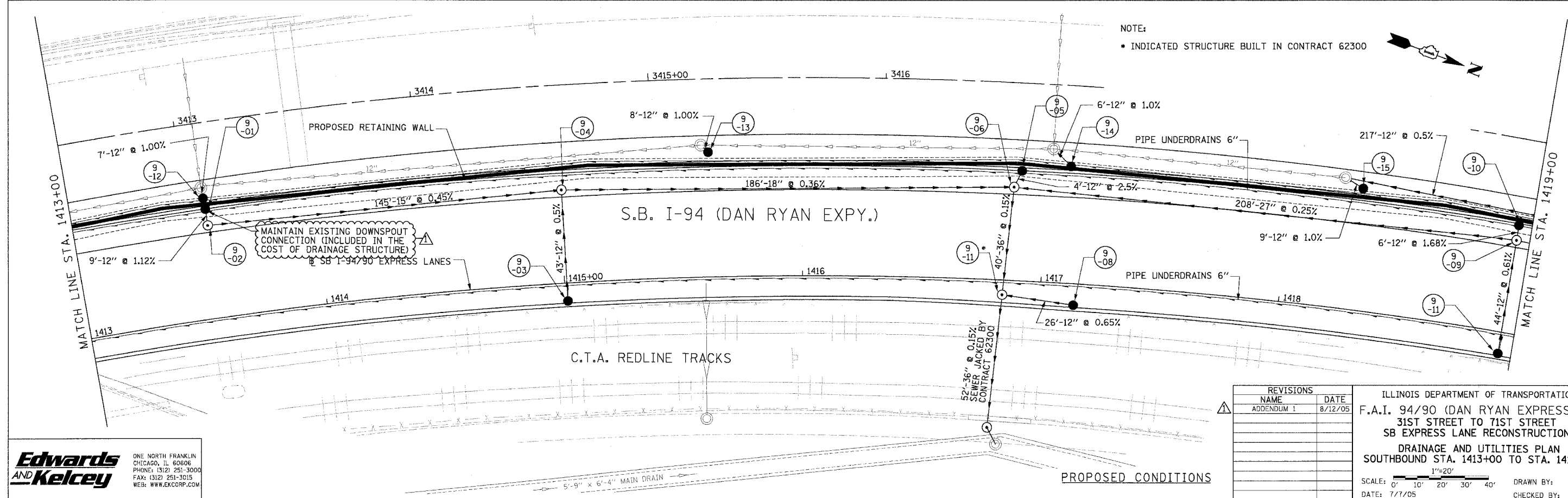
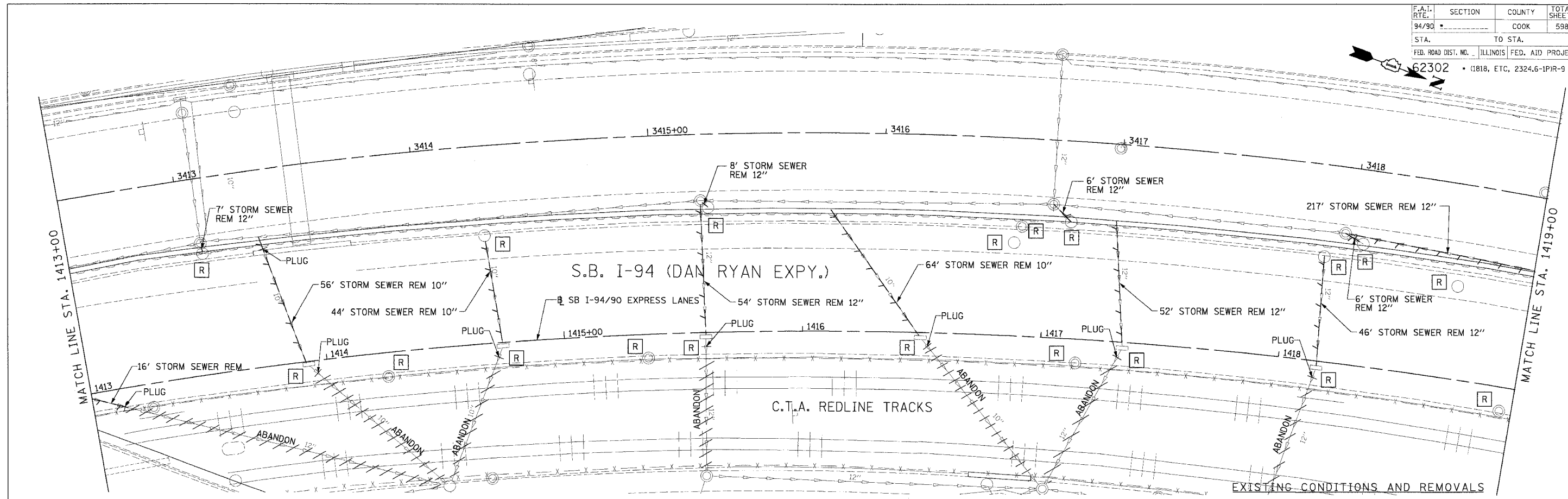
Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

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: 1"=20'
 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	172
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302 • (1818, ETC, 2324.6-1PIR-9				



NOTE:
 • INDICATED STRUCTURE BUILT IN CONTRACT 62300

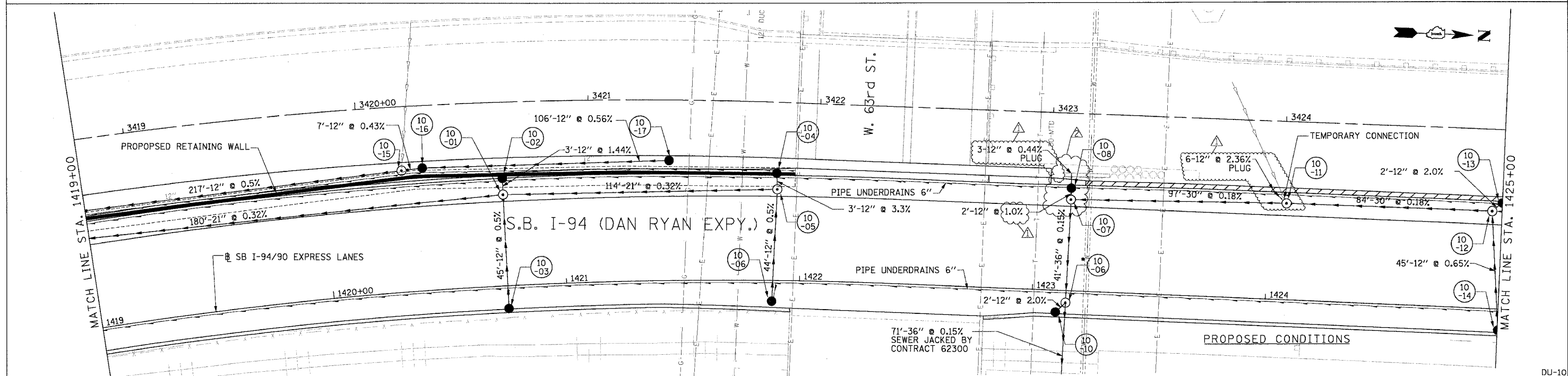
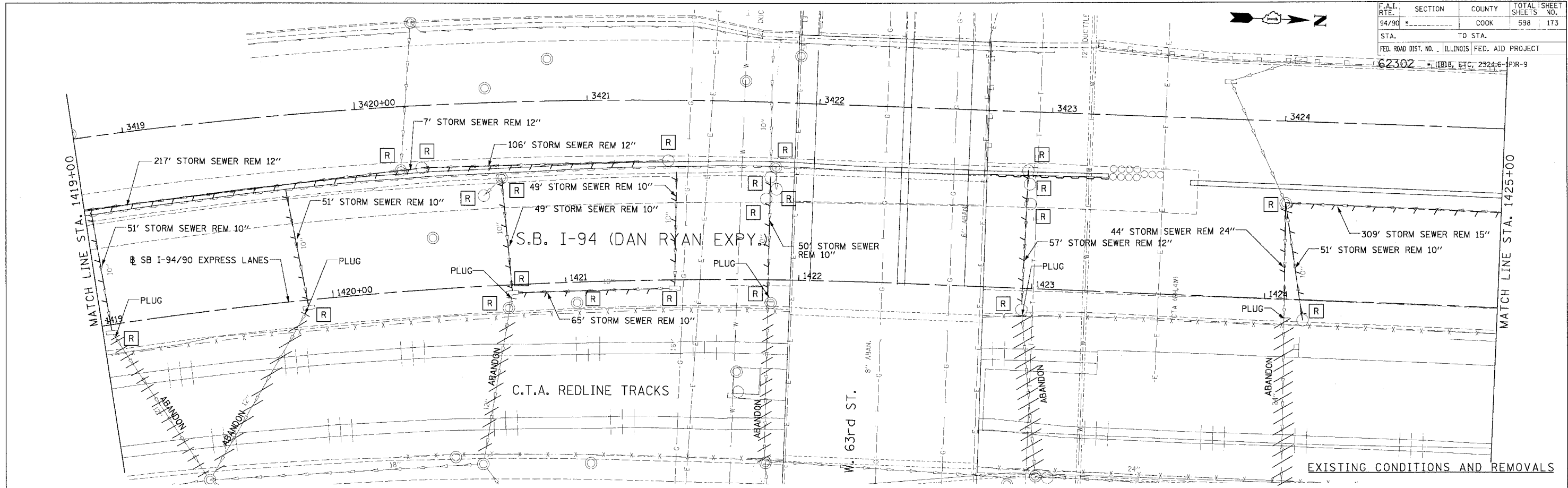
Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

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

DU-9
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
94/90		COOK	598
STA.	TO STA.		
62302	1419+00 TO 1425+00		PIR-9
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



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

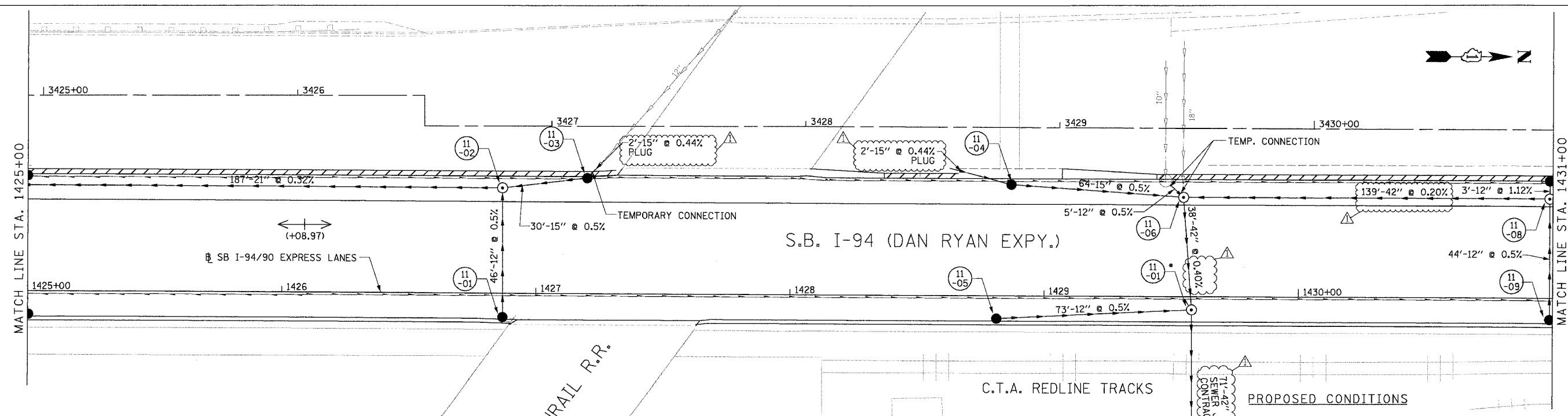
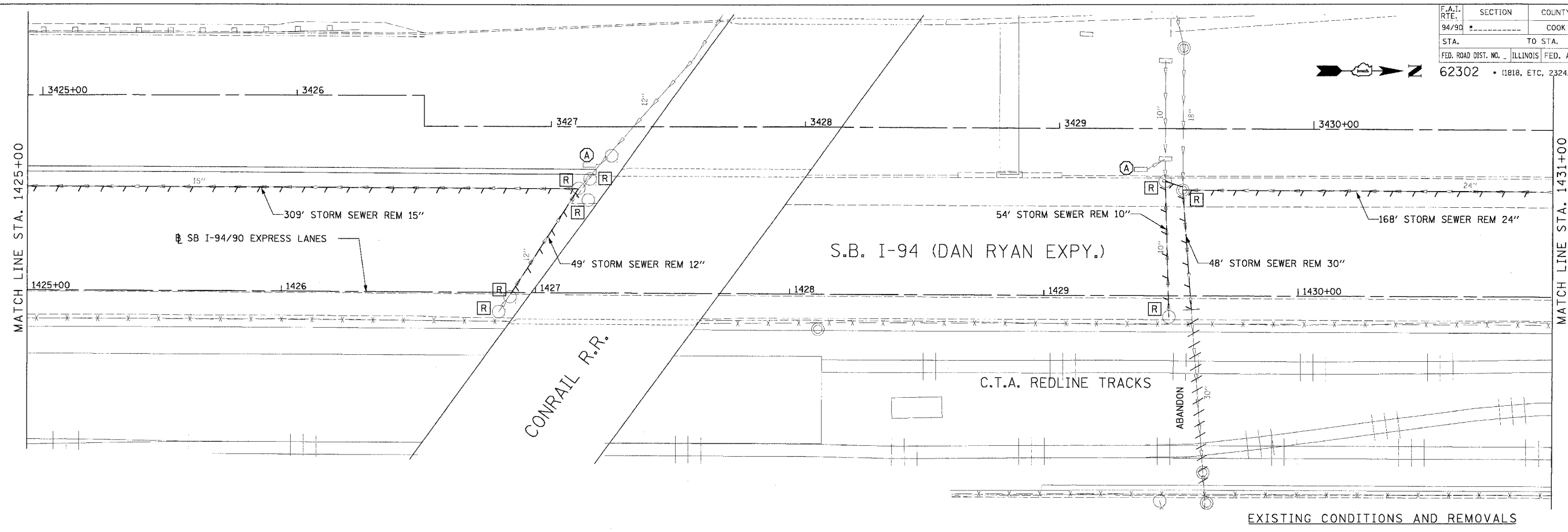
NOTE:
 • STRUCTURE BUILT IN CONTRACT 62300

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

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'
 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	174
STA.		TO STA.		
62302		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 11818, ETC. 2324.6-1PR-9				



NOTE:
 • STRUCTURE BUILT IN CONTRACT 62300

PROPOSED CONDITIONS

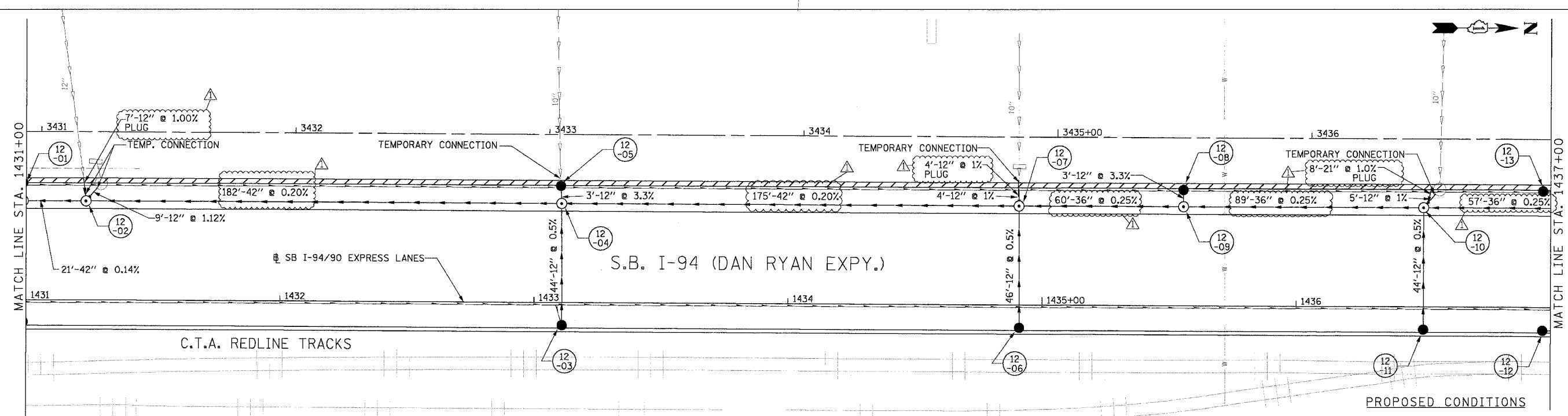
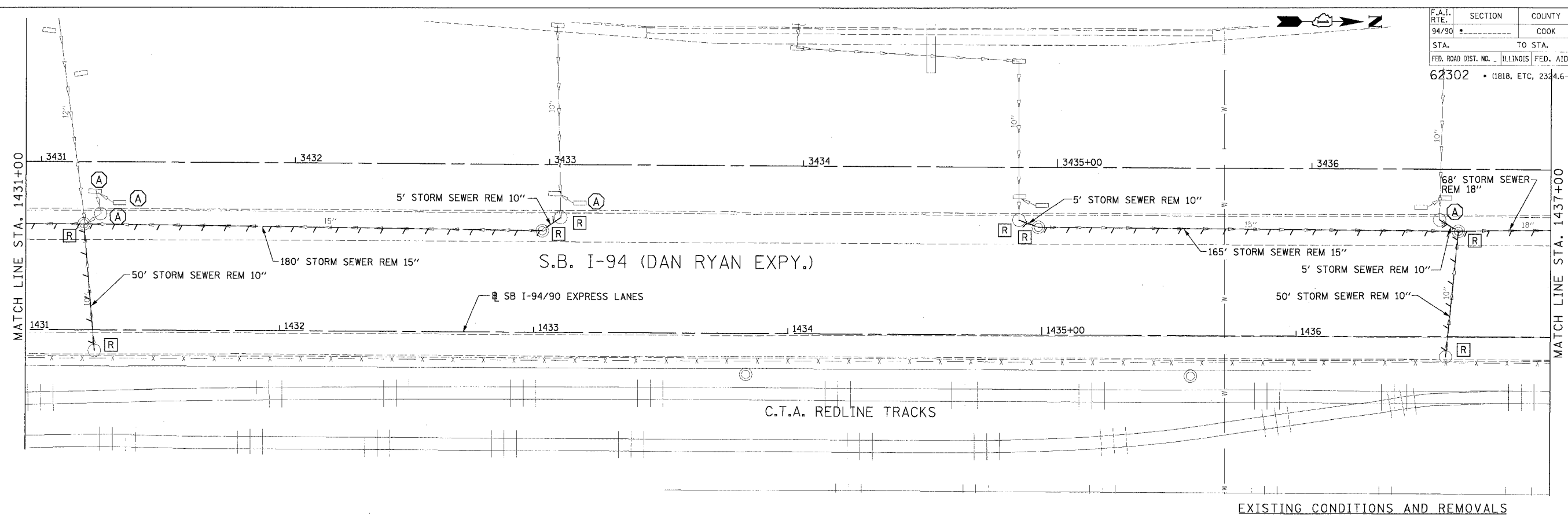
REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

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. 1425+00 TO STA. 1431+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.EDWARDSKELCEY.COM

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F.A.I. RTE. 94/90	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	598	175
STA.	TO STA.			
62302	1818, ETC, 2344.6-1PR-9			



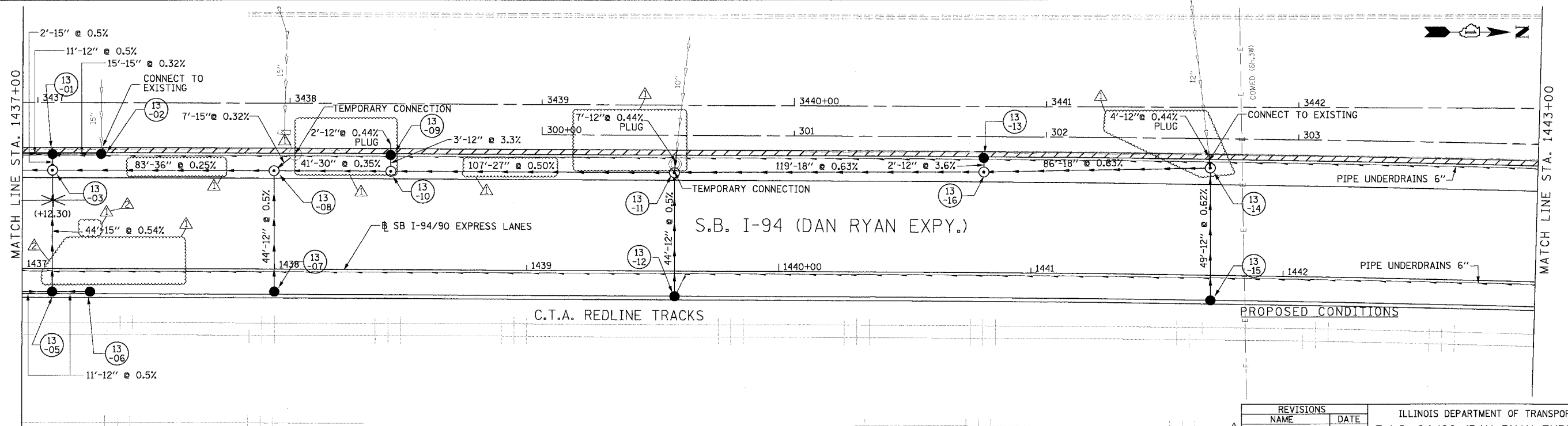
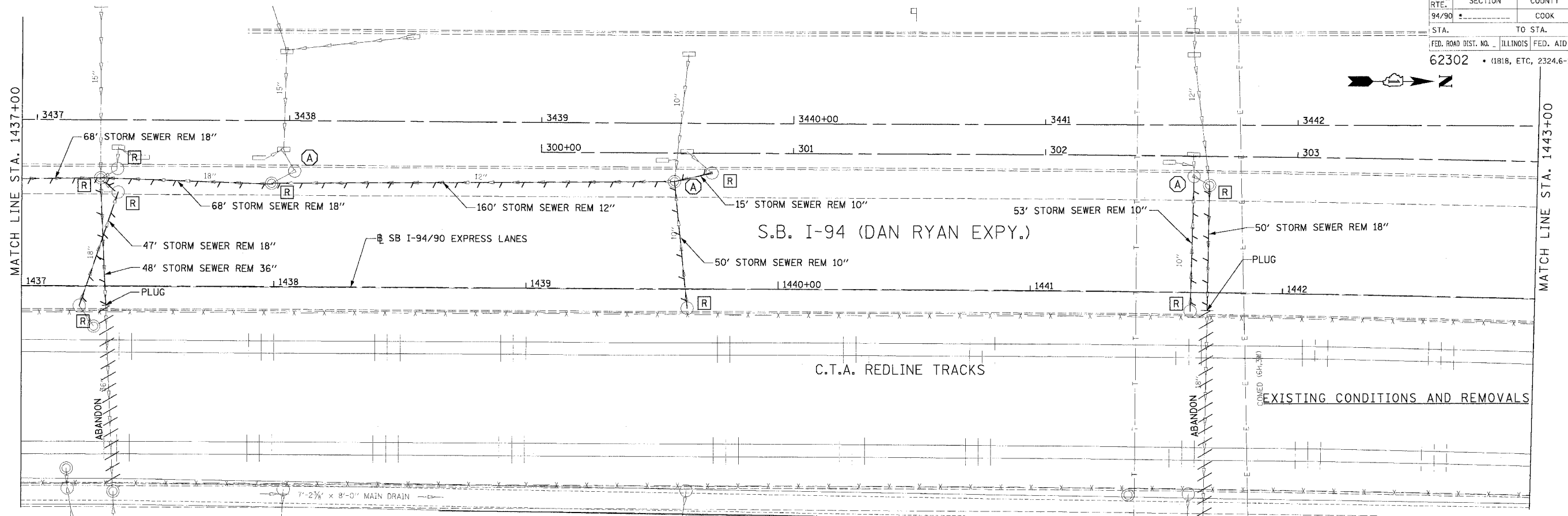
REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

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' 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

P:\03090935\Comp\148\FACAD\1431+00\1437+00.dwg
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F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 176
STA. 1437+00	TO STA. 1443+00		FED. AID PROJECT 62302 • (1818, ETC., 2324.6-IPR-9)	



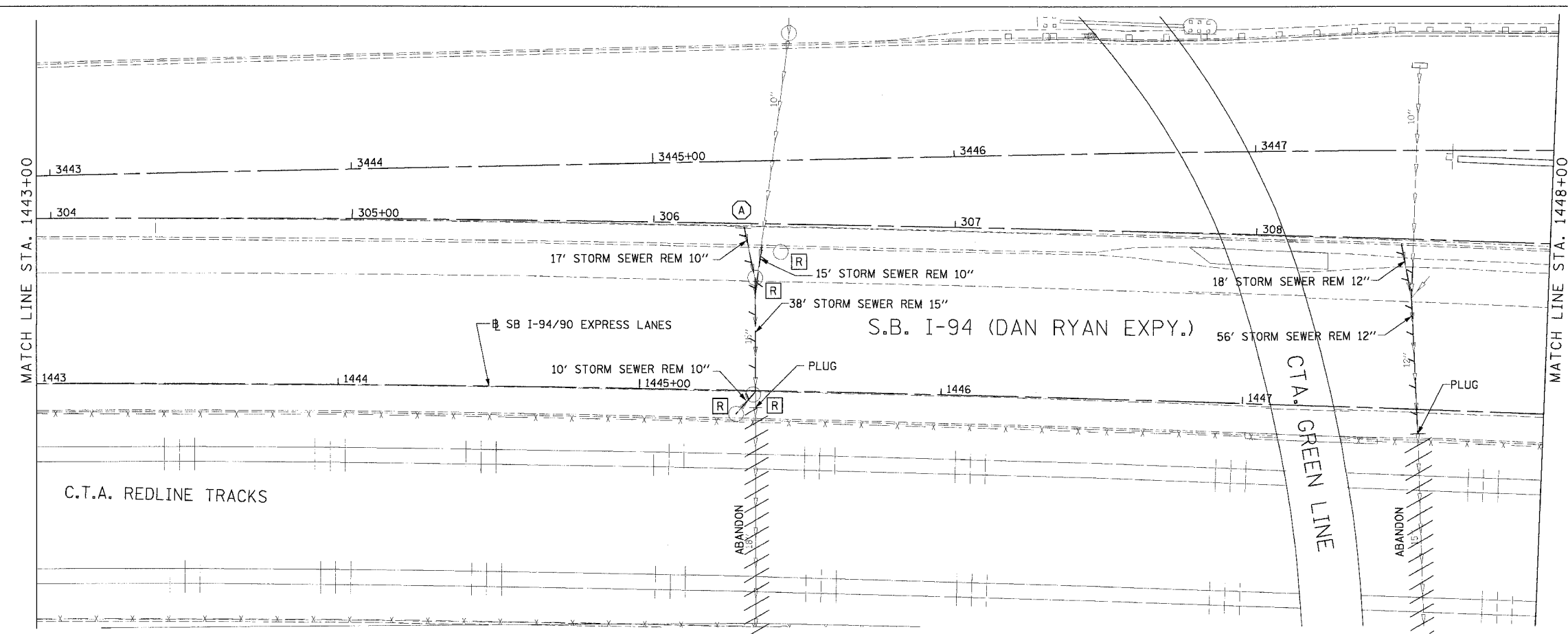
Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE
ADDENDUM 1	08/12/05
ADDENDUM 2	9/16/05

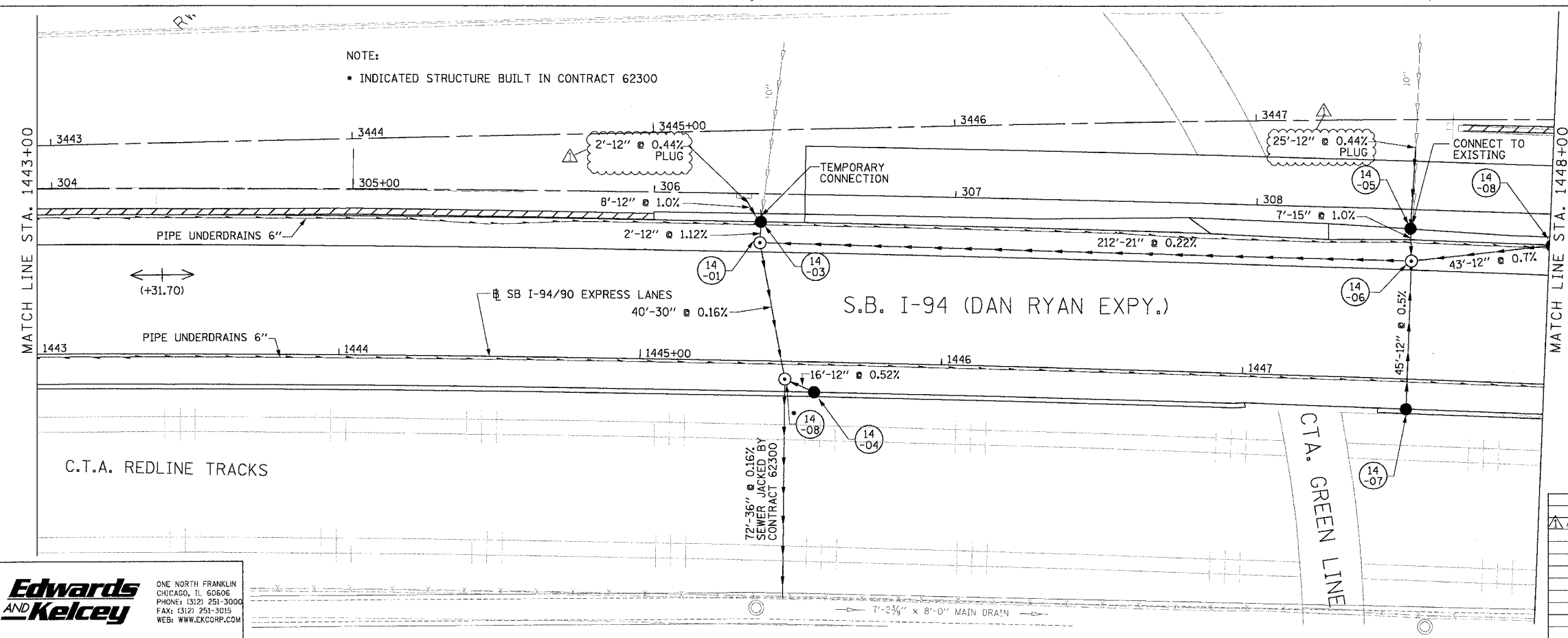
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1437+00 TO STA. 1443+00
 SCALE: 0' 10' 20' 30' 40' 1"=20'
 DATE: 7/7/05 DRAWN BY: LPN CHECKED BY: PJM

DU-13
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	177
STA.	TO STA.			
62302	ILLINOIS FED. AID PROJECT			
FED. ROAD DIST. NO. (1818, ETC, 2324.6-1PR-9)				



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS DU-14

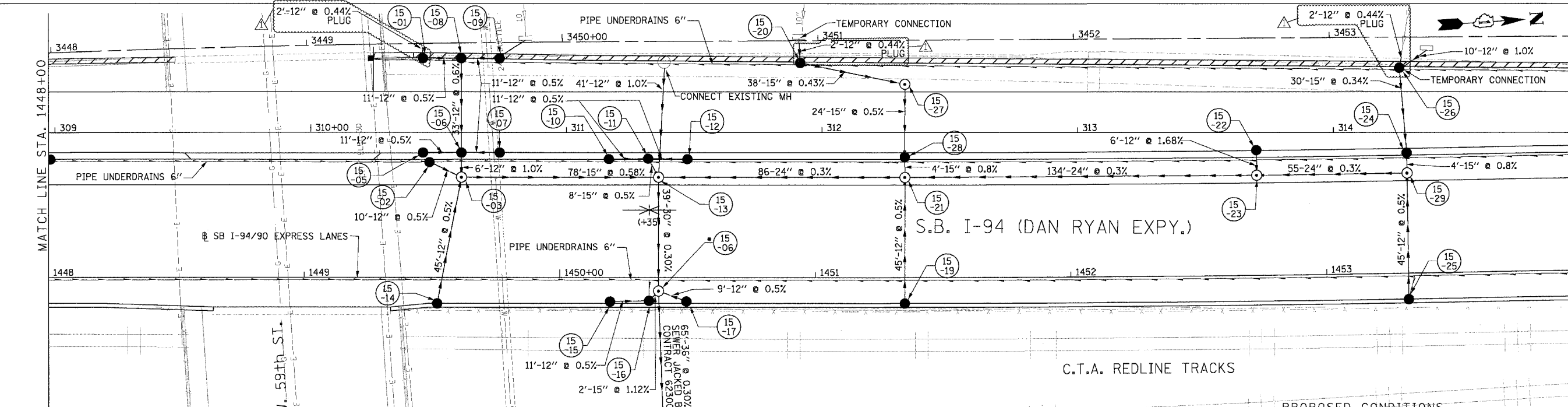
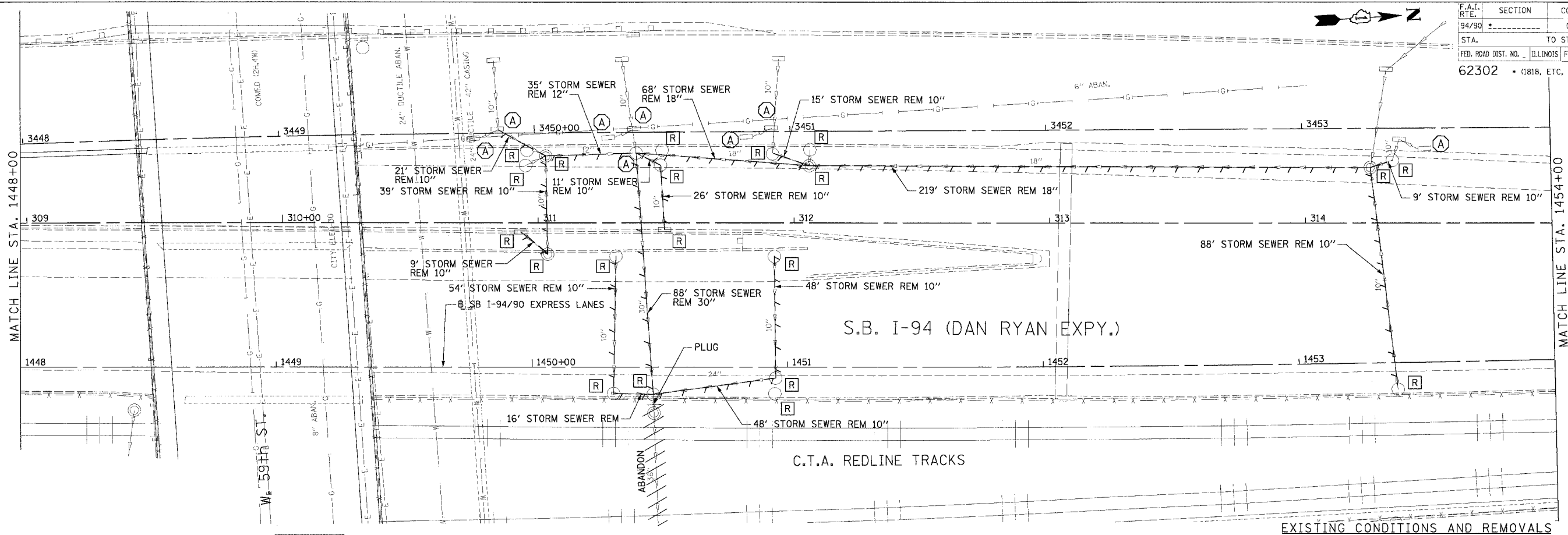
REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

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. 1437+00 TO STA. 1448+00
 SCALE: 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

08/11/2005 09:30:00 PJM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	178
STA.	TO STA.			
62302	1818, ETC. 2324.6-1P/R-9			



NOTE:
 * STRUCTURE BUILT IN CONTRACT 62300

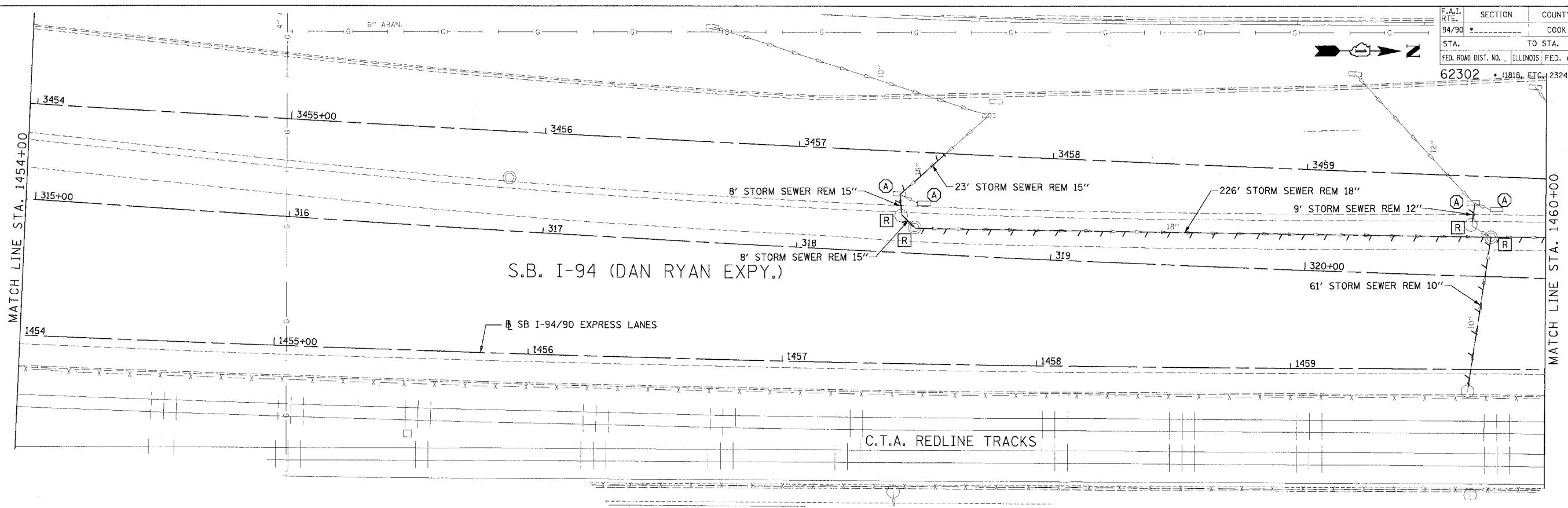
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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: 1"=20'
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 DRAWN BY: LPN
 CHECKED BY: PJM

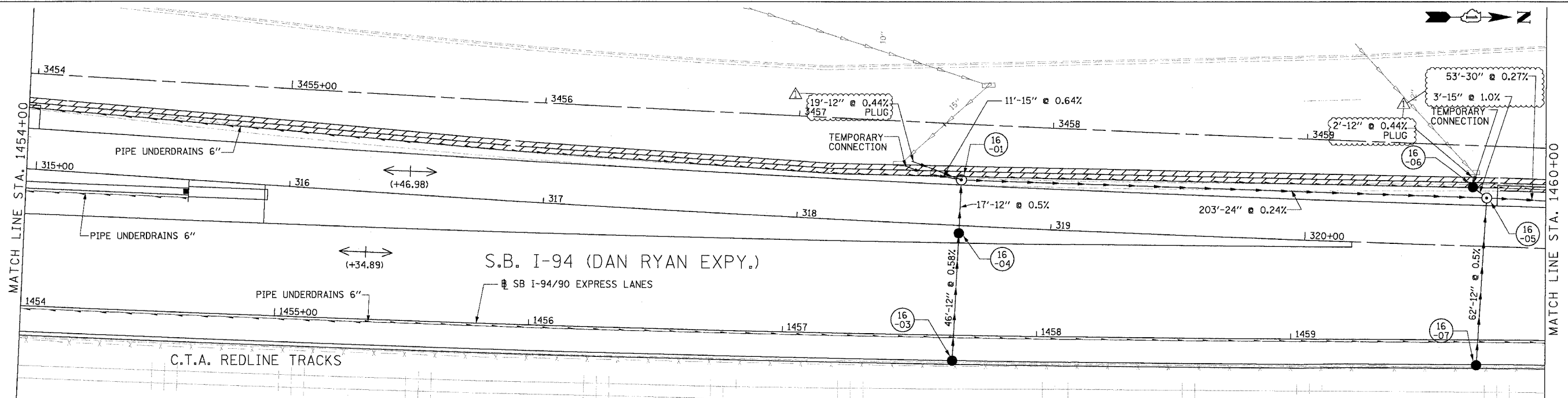
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EDKCORP.COM

08/11/2005 08:30:35 PM

F.A.I. RTE. 94/90	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	598	179
STA. 62302	TO STA. ILLINOIS FED. AID PROJECT			
FED. ROAD DIST. NO. 181B, ETC. 2324.6-1PIR-9				



EXISTING CONDITIONS AND REMOVALS



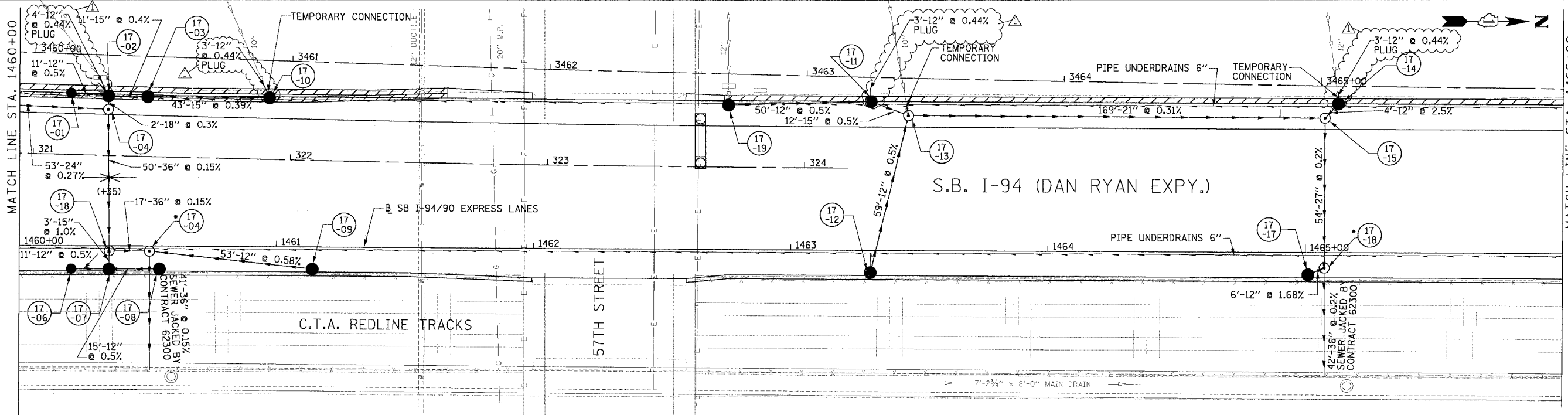
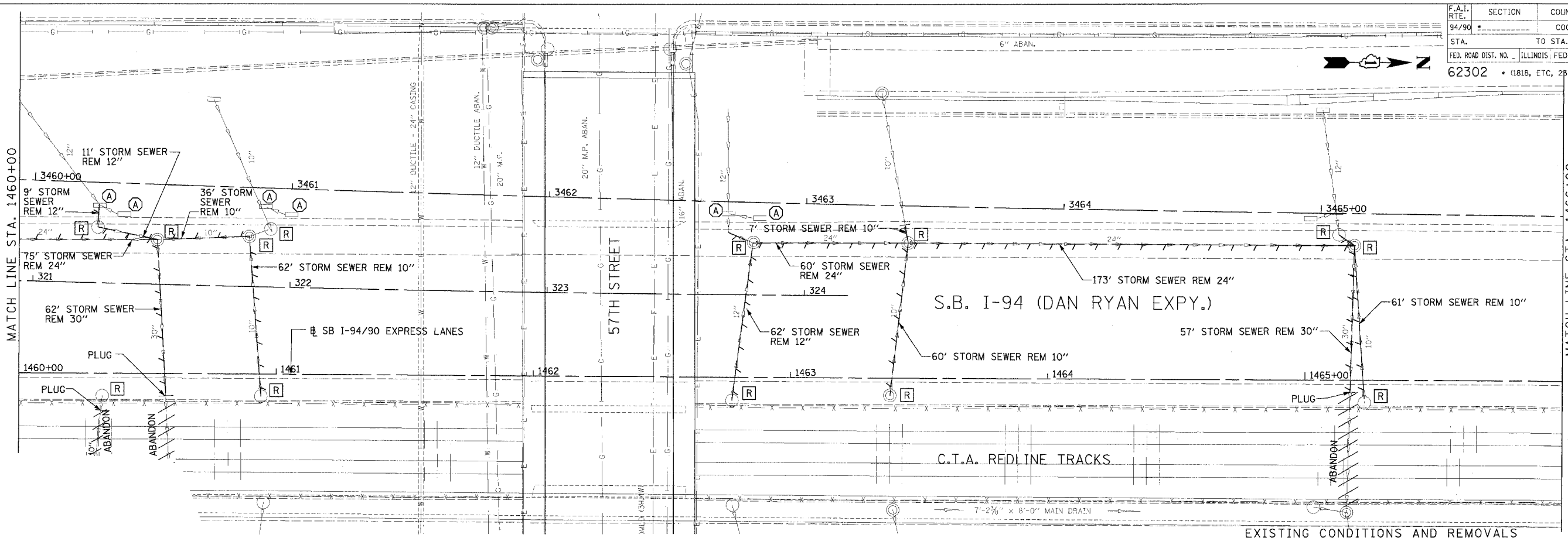
PROPOSED CONDITIONS

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. 1454+00 TO STA. 1460+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.EDKORP.COM

P:\03\09\9350\Corr\148\5\CD\DWG\DU\DU062302.dwg
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NOTE:
 • STRUCTURE BUILT IN CONTRACT 62300

REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

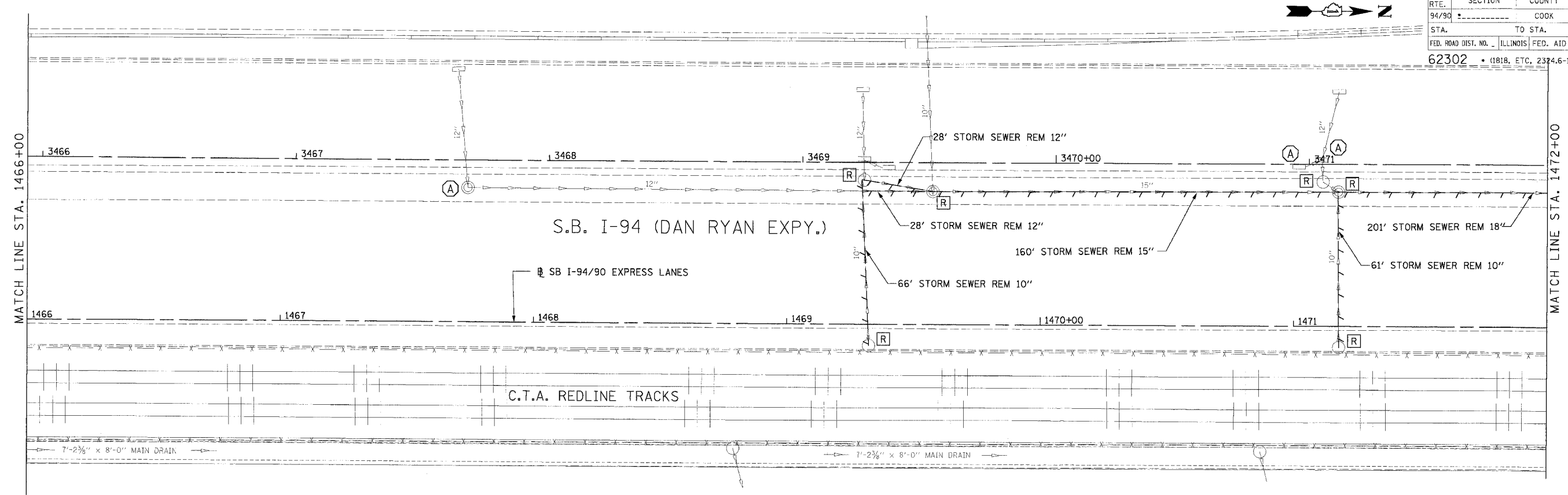
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1460+00 TO STA. 1466+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

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

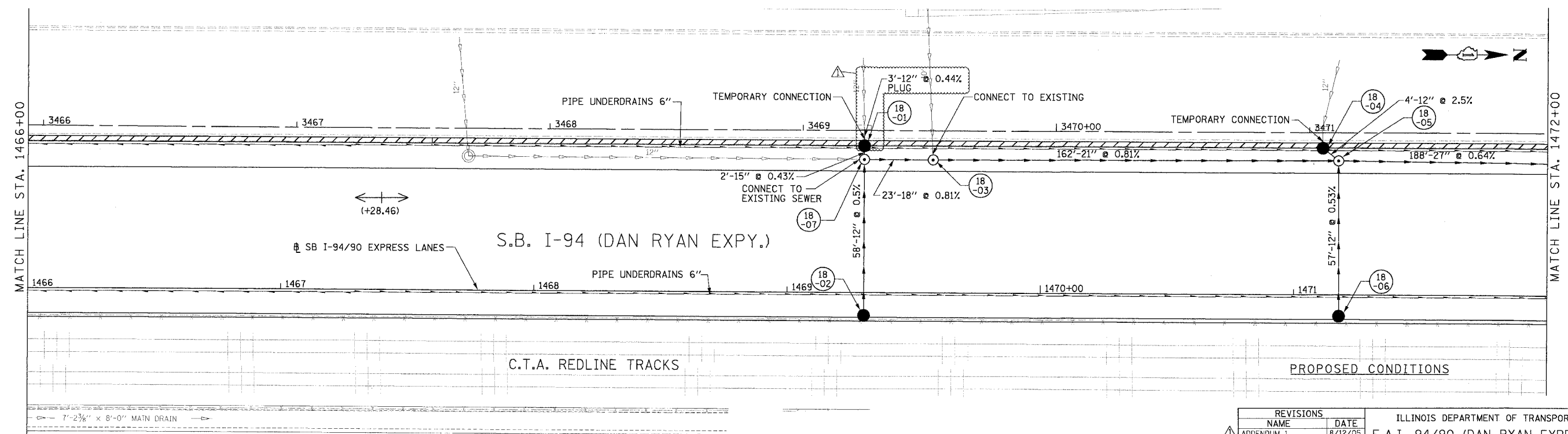
PROPOSED CONDITIONS

DU-17
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F.A.I. R.F.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	181
STA.	TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
62302			• (1818, ETC, 2324.6-1PJR-9	



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-18

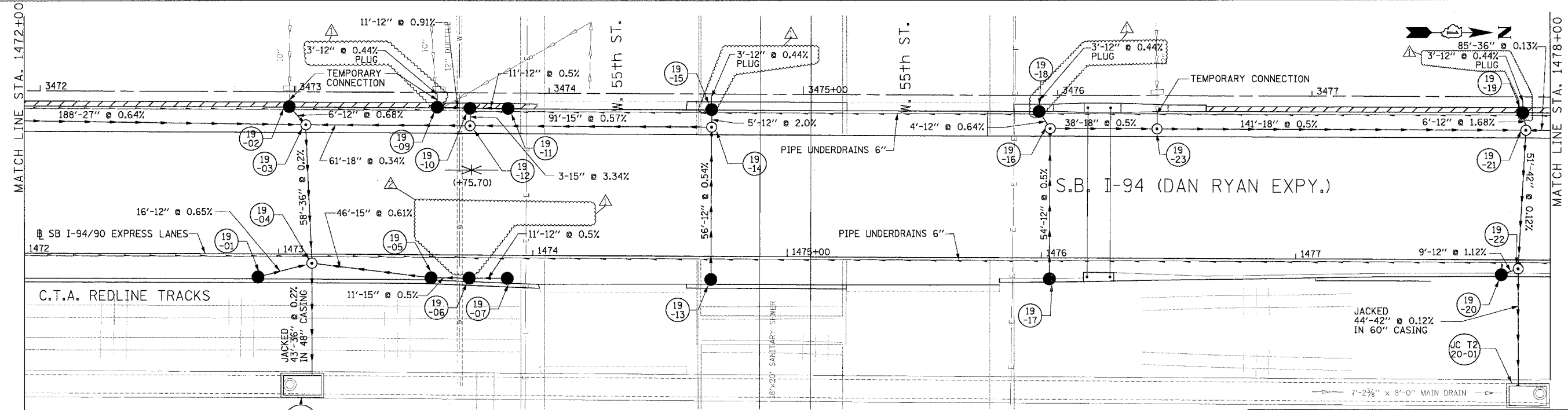
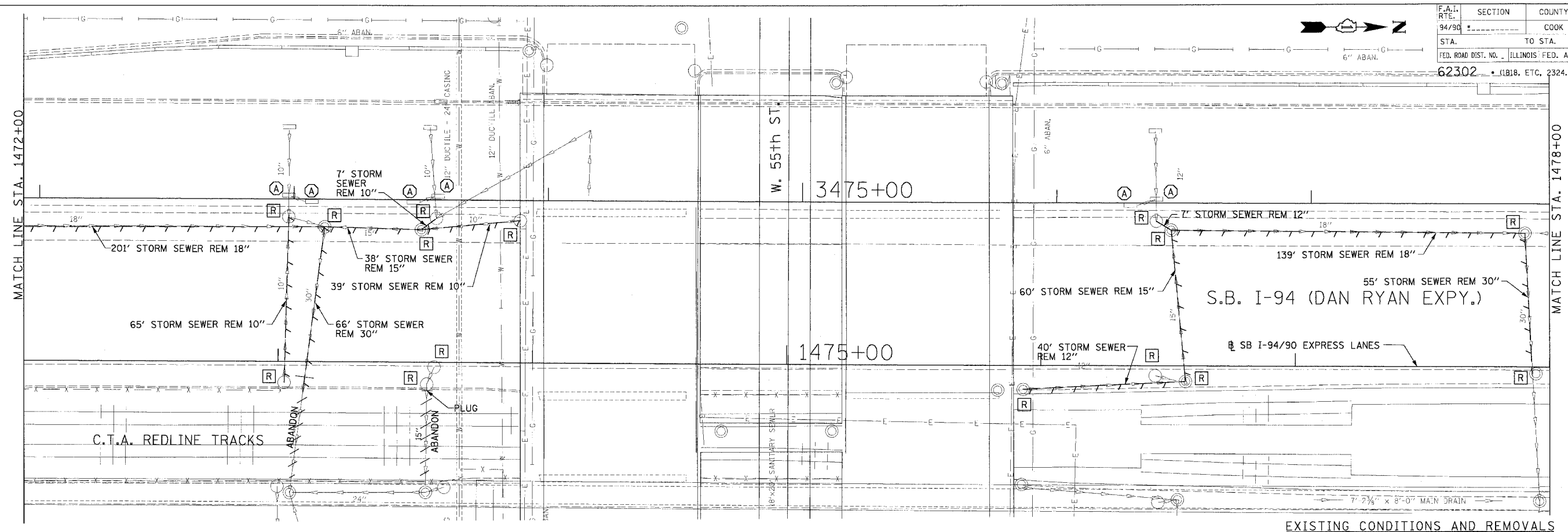
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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F.A.I. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	182
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62302 • (18)B, ETC. 2324.6-1PR-9				



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

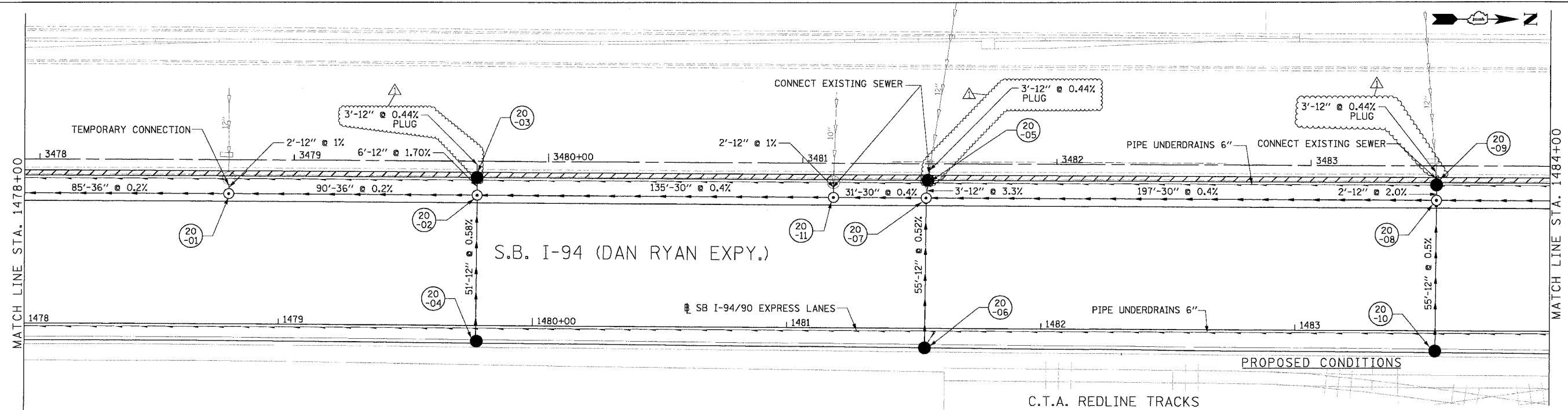
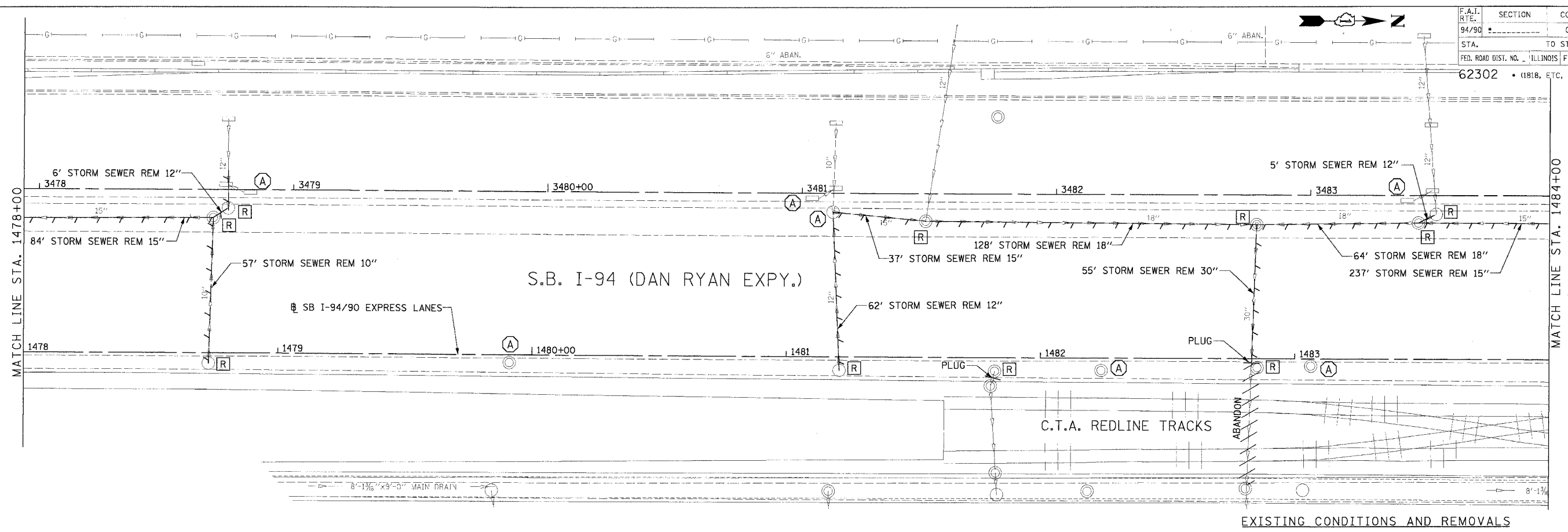
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

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

PROPOSED CONDITIONS

PA030005035.dwg 14815 CADD\50005035.dwg 09/14/2005 11:09:25 AM

F.A.I. RT. NO. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 183
STA. 62302	TO STA. (1818, ETC., 2324.6-1P1R-9)		FED. AID PROJECT	



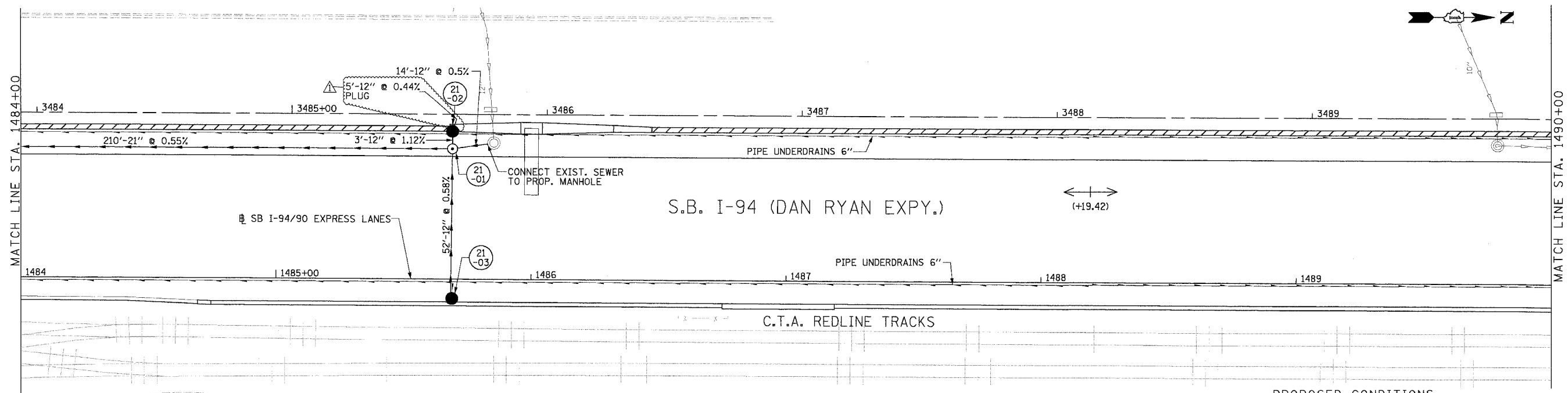
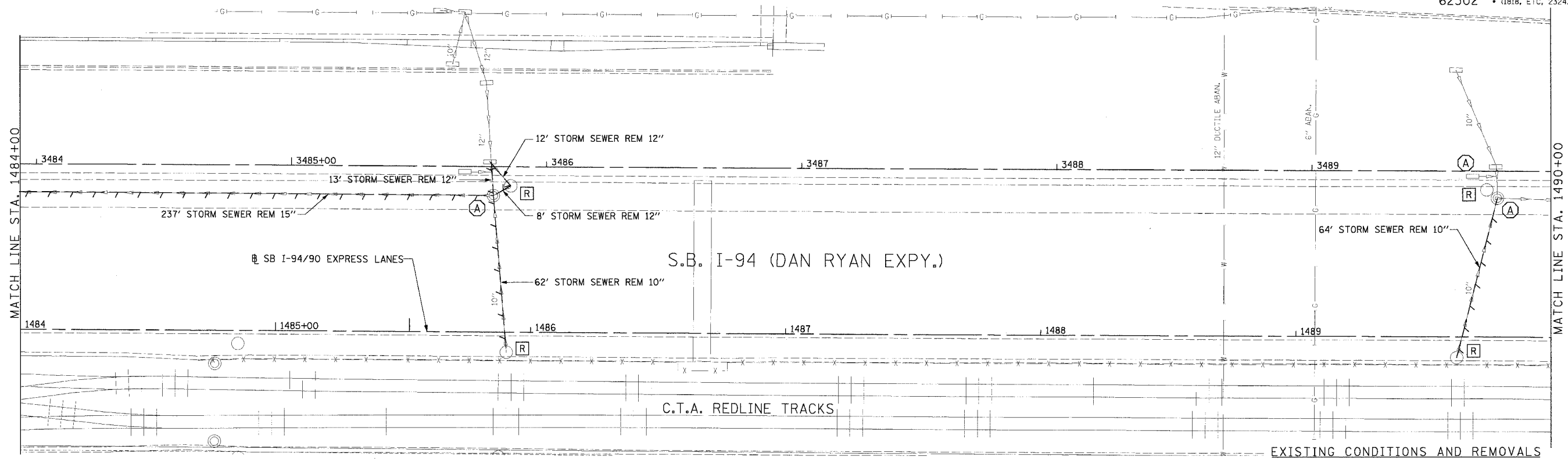
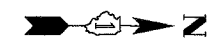
Edwards AND Kelcey
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REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

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

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	184
STA.	TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
62302	181B, ETC, 2324.6-1P/R-9			



PROPOSED CONDITIONS

REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

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

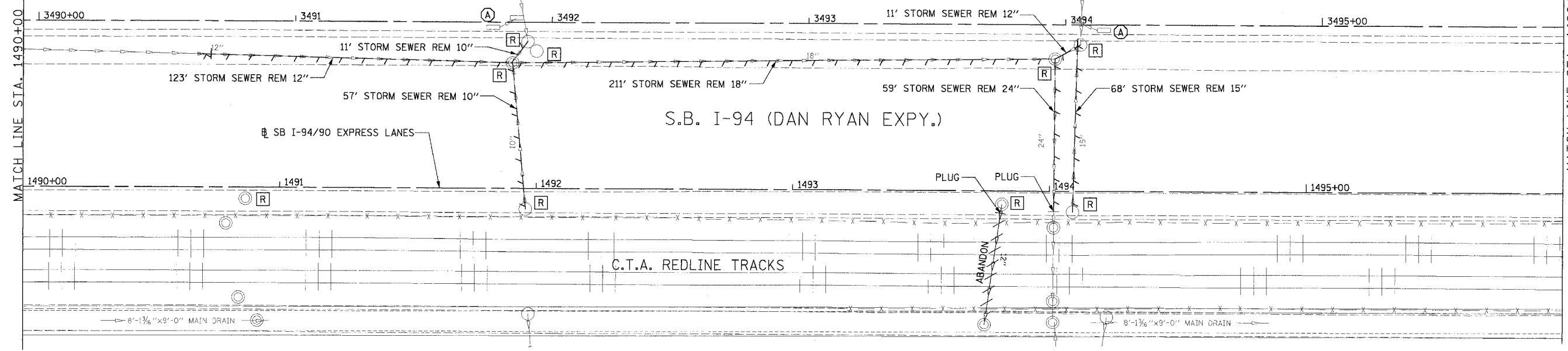
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 DATE: 7/7/05

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 CHECKED BY: PJM

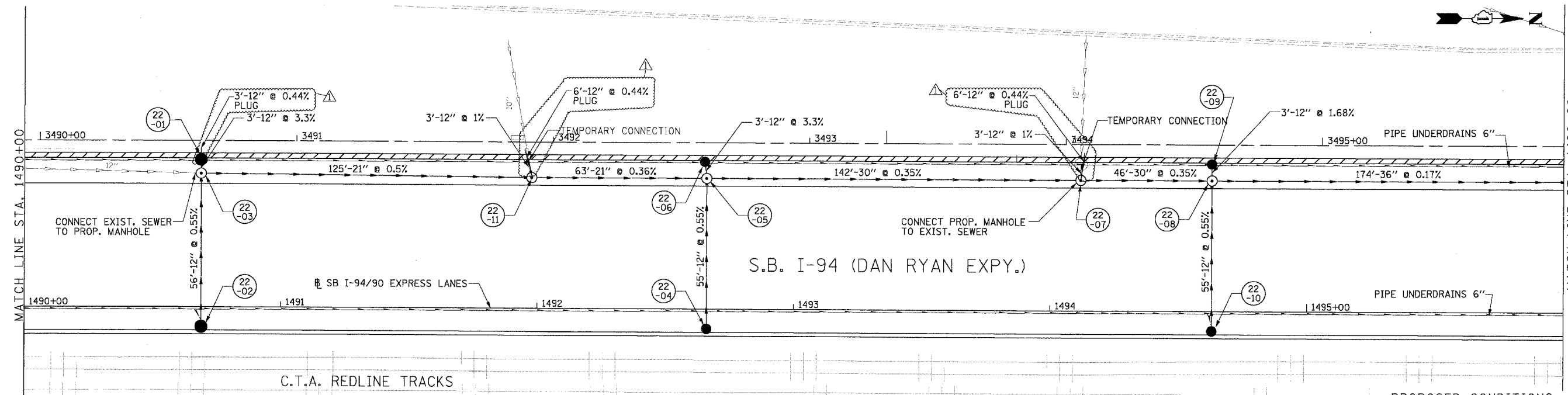
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 CHICAGO, IL 60606
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08/11/2005 02:34:12 PM
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F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	185
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	1818, ETC, 2324.6-1PR-9			



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

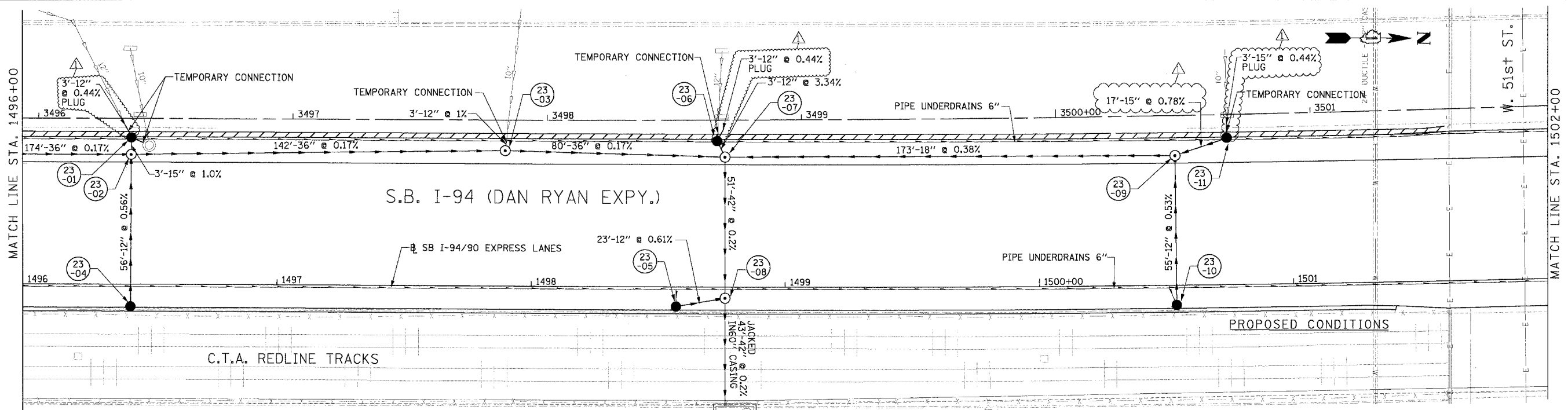
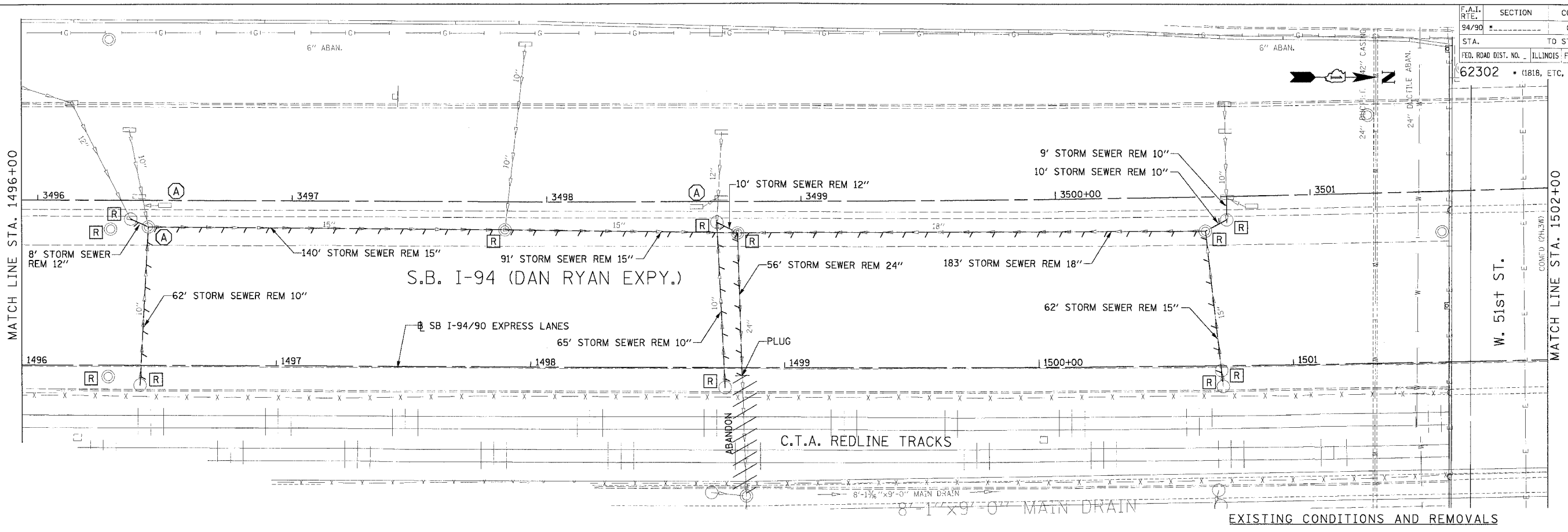
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CHICAGO, IL 60606
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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

08/11/2005 09:36:44 PM P:\03\019\03\019.dwg

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



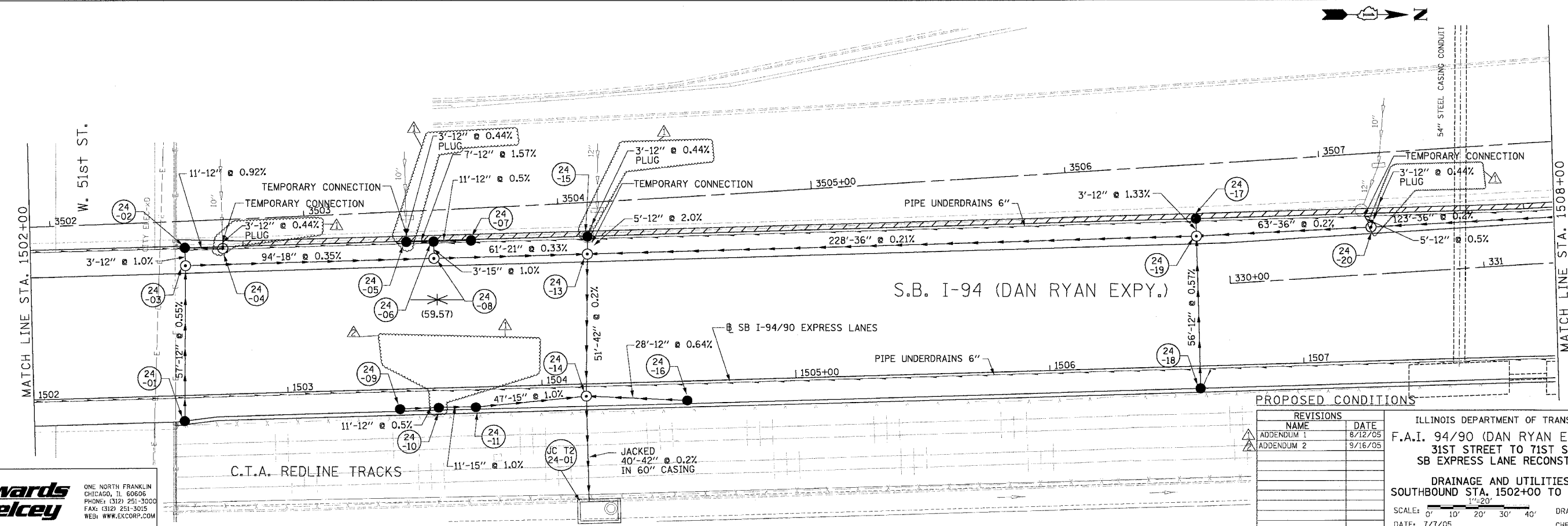
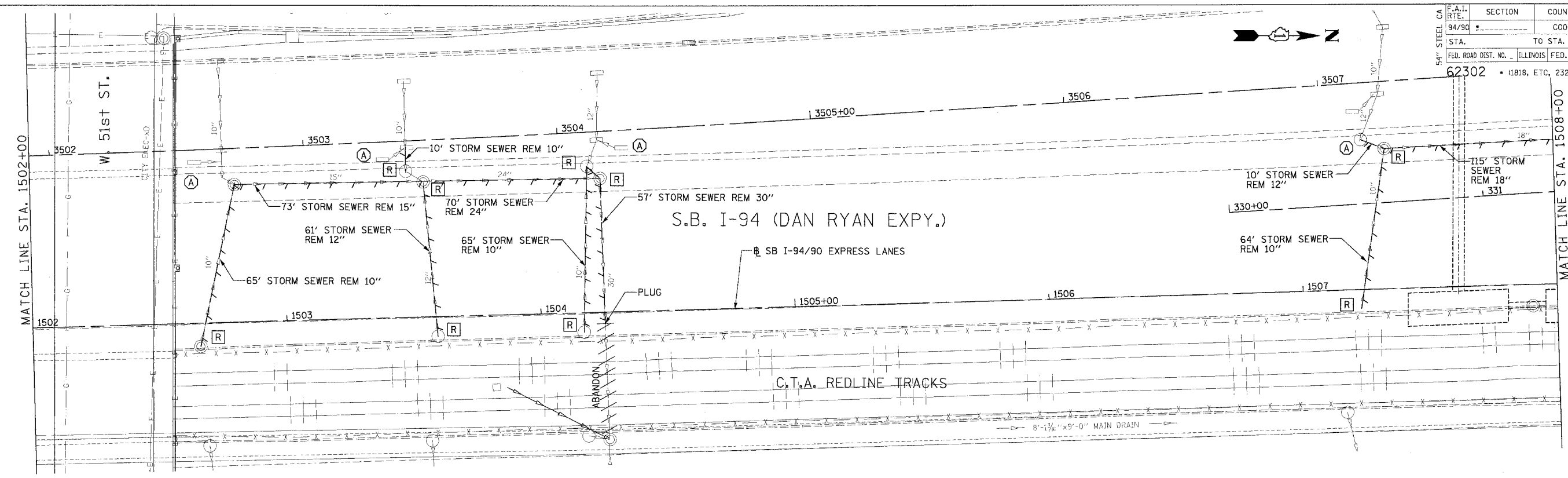
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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DU-23 08/11/2005 02:37:45 PM

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	598	187
F.A.I. STA. TO STA.		ILLINOIS FED. AID PROJECT	
62302		1818, ETC. 2324.6-1PR-9	



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REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05
ADDENDUM 2		9/16/05

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: 1"=20'

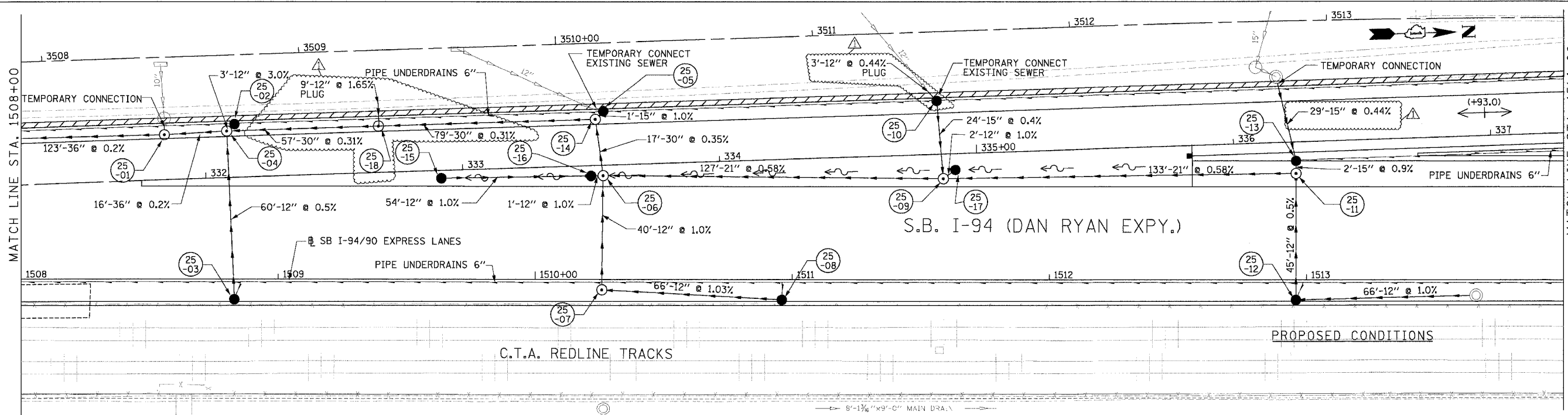
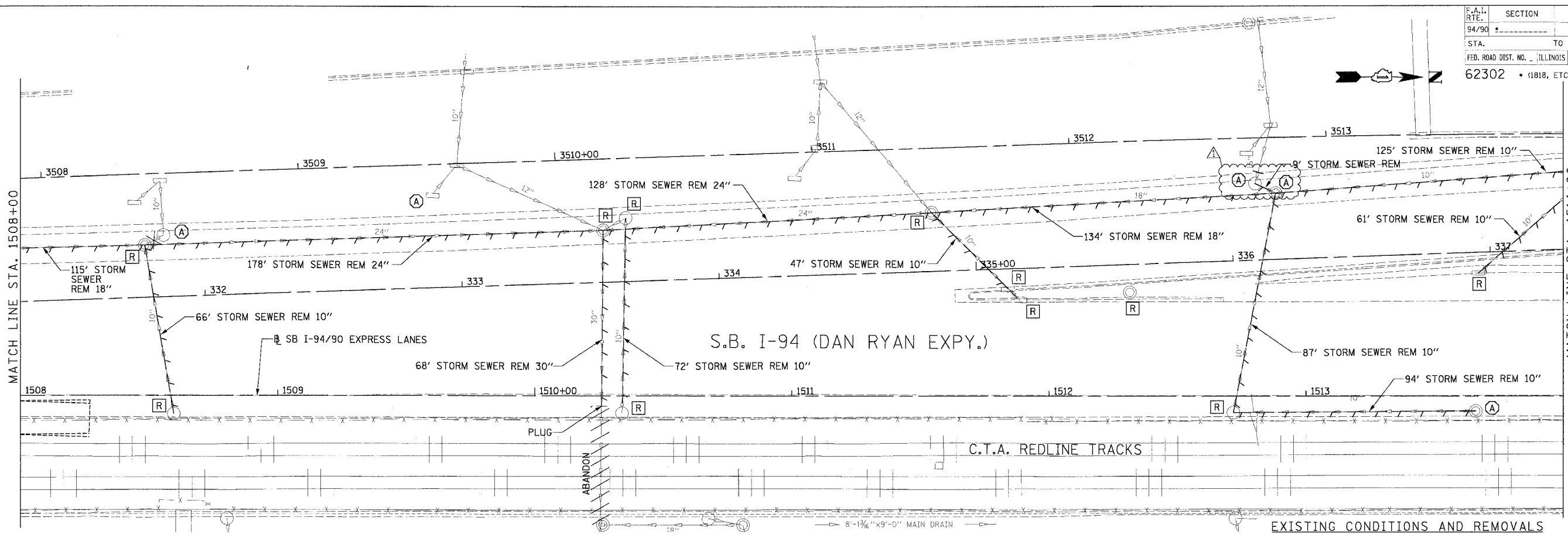
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DATE: 7/7/05

DRAWN BY: LPN
 CHECKED BY: PJM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	188
STA.	TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
62302	1818, ETC, 2324.6-1P1R-9			



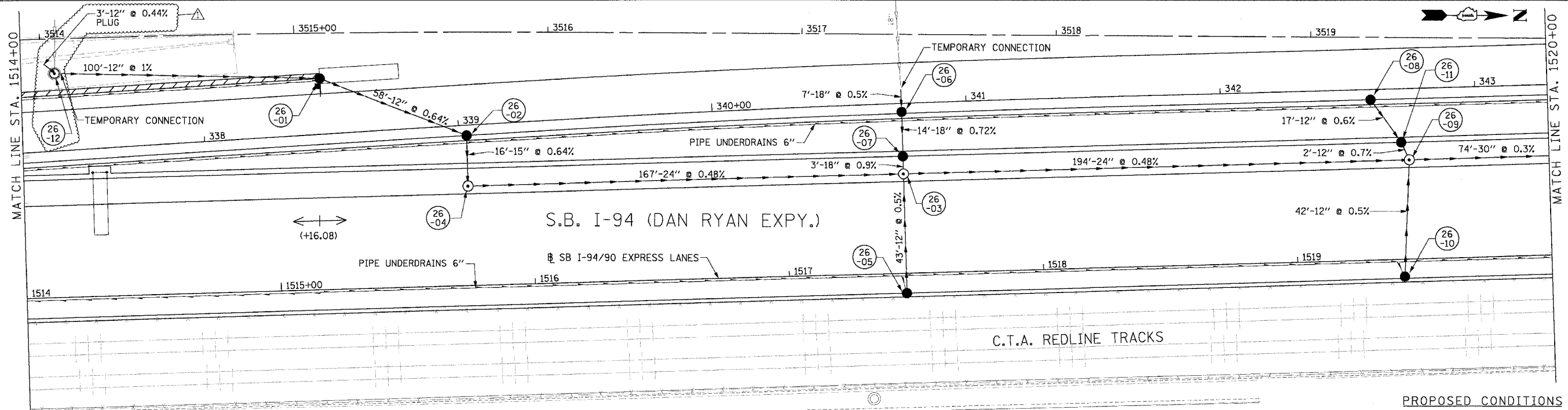
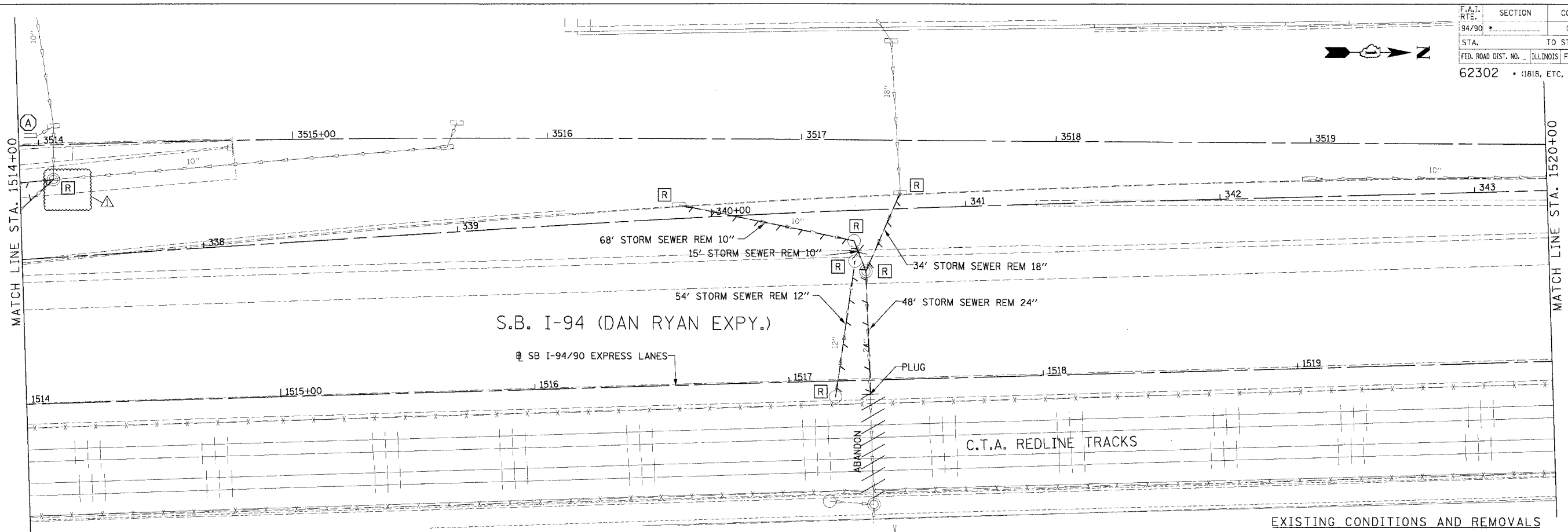
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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DU-25
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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 • (1818, ETC, 2324.6-1PIR-9				



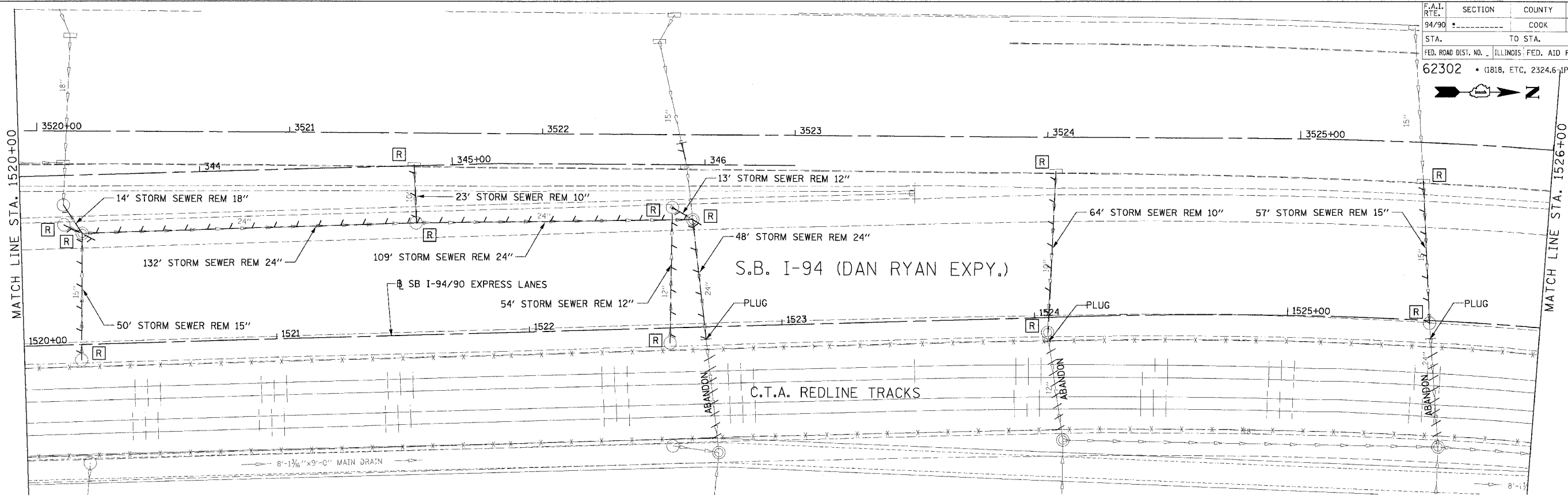
REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

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

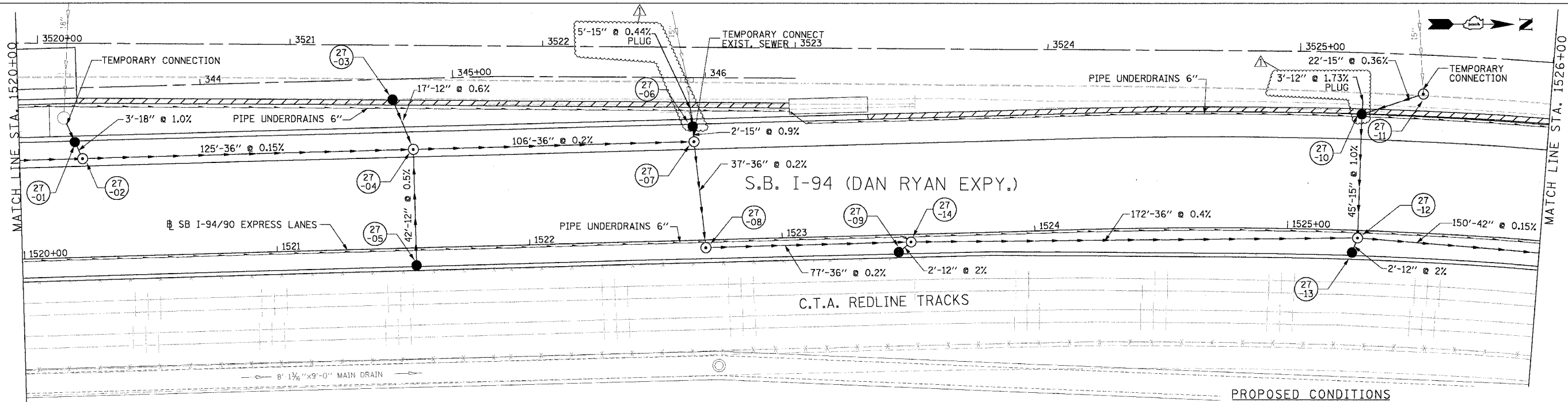
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	190
STA. 62302		TO STA. 2324.6+1PIR-9		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

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: 1"=20'
 SCALE: 0' 10' 20' 30' 40'

DATE: 7/7/05

DRAWN BY: LPN
 CHECKED BY: PJM

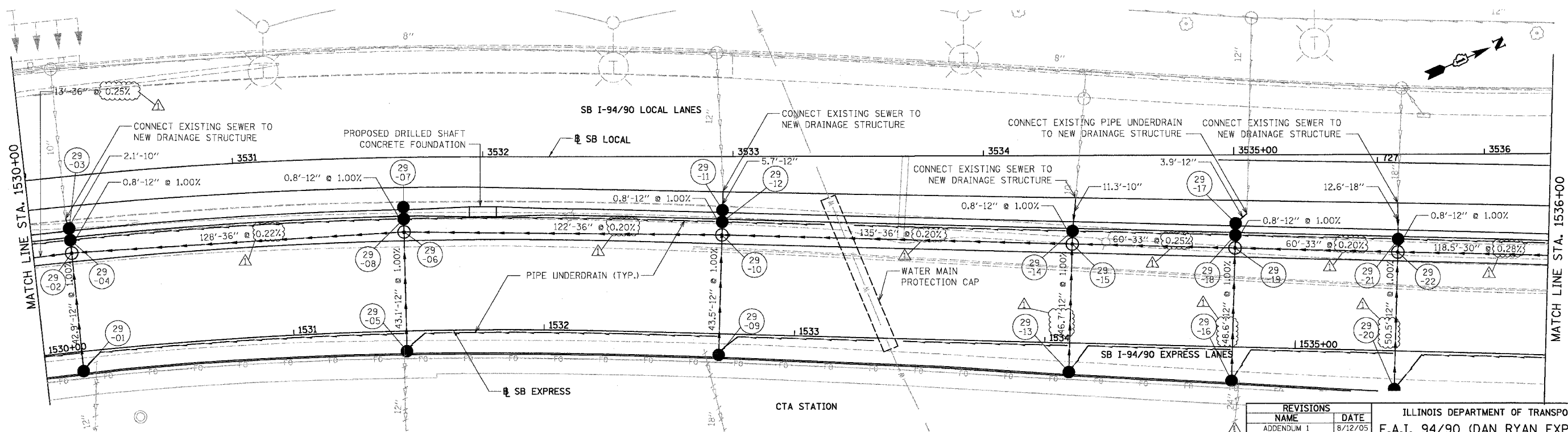
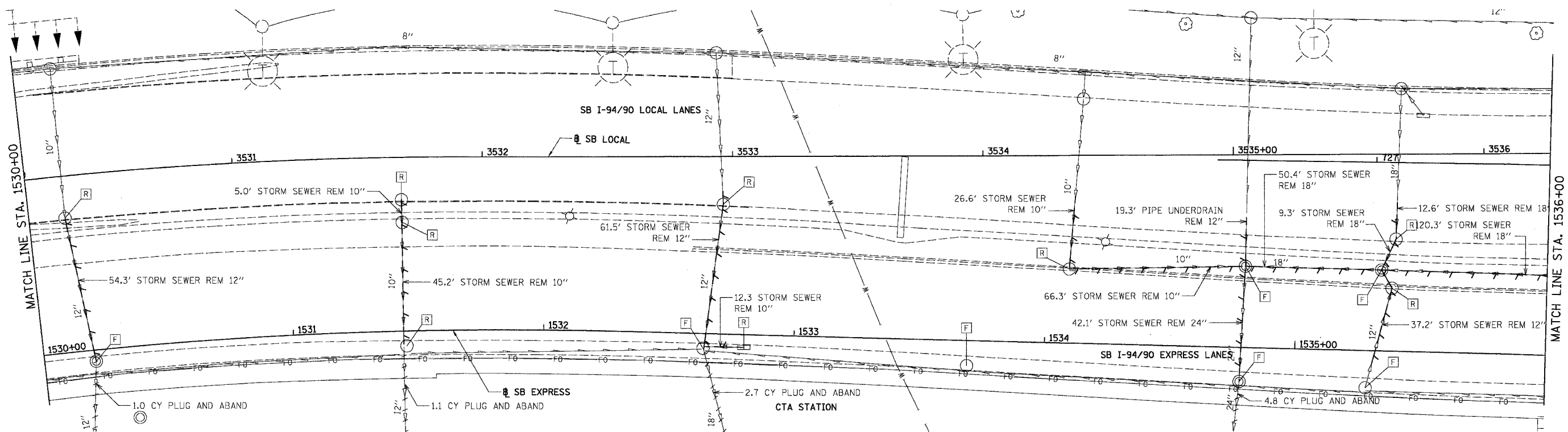
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 CHICAGO, IL 60606
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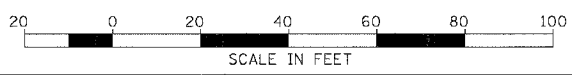
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EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	192
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	* (1818, ETC, 2324.6-IPR-9			



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PROPOSED CONDITIONS

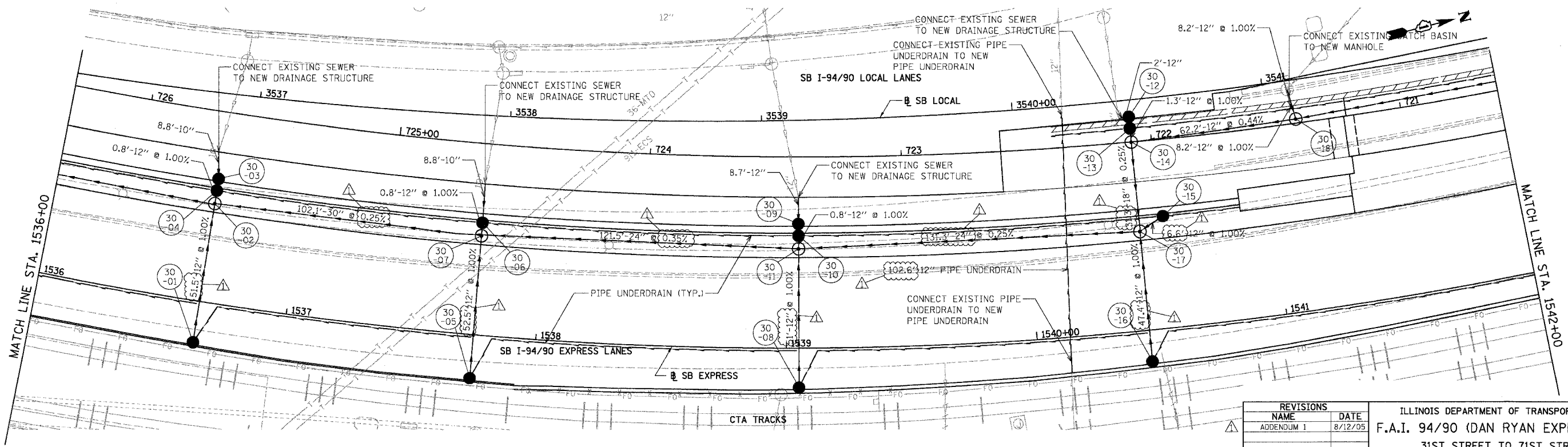
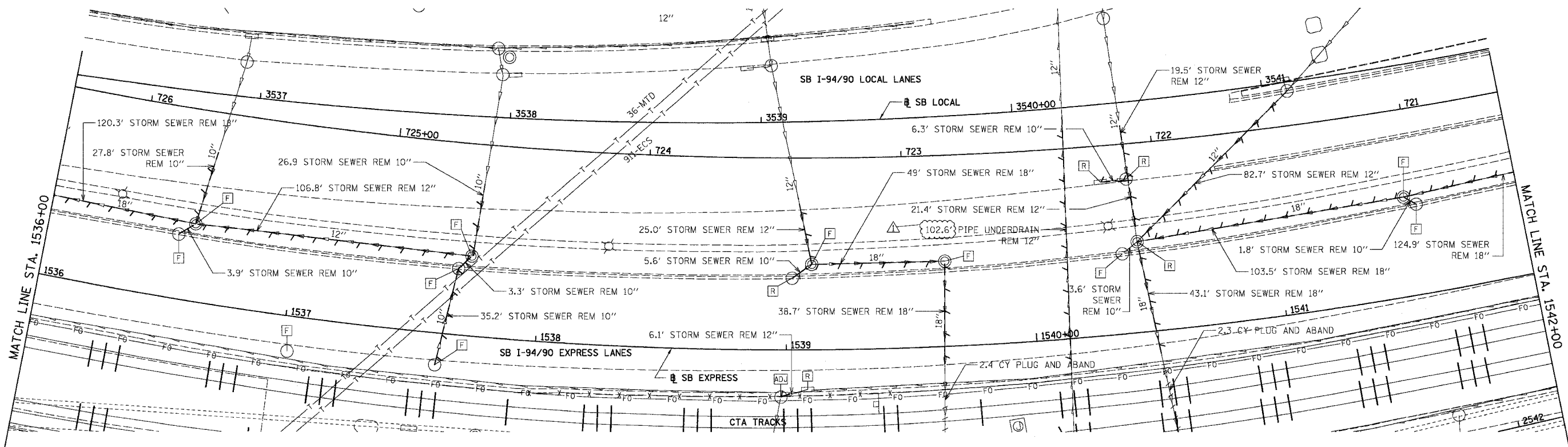
REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

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. 1530+00 TO STA. 1536+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

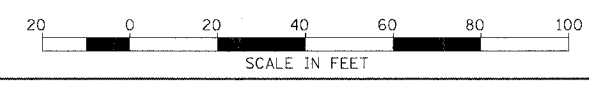
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EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	998	193
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		(1818, ETC, 2324.6-1PR-9		



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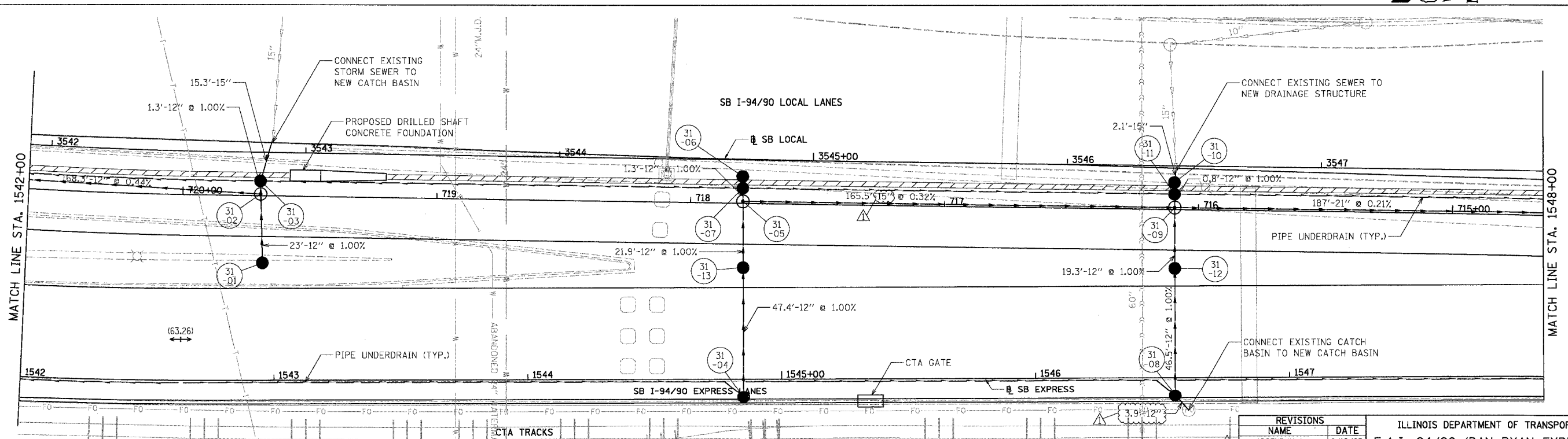
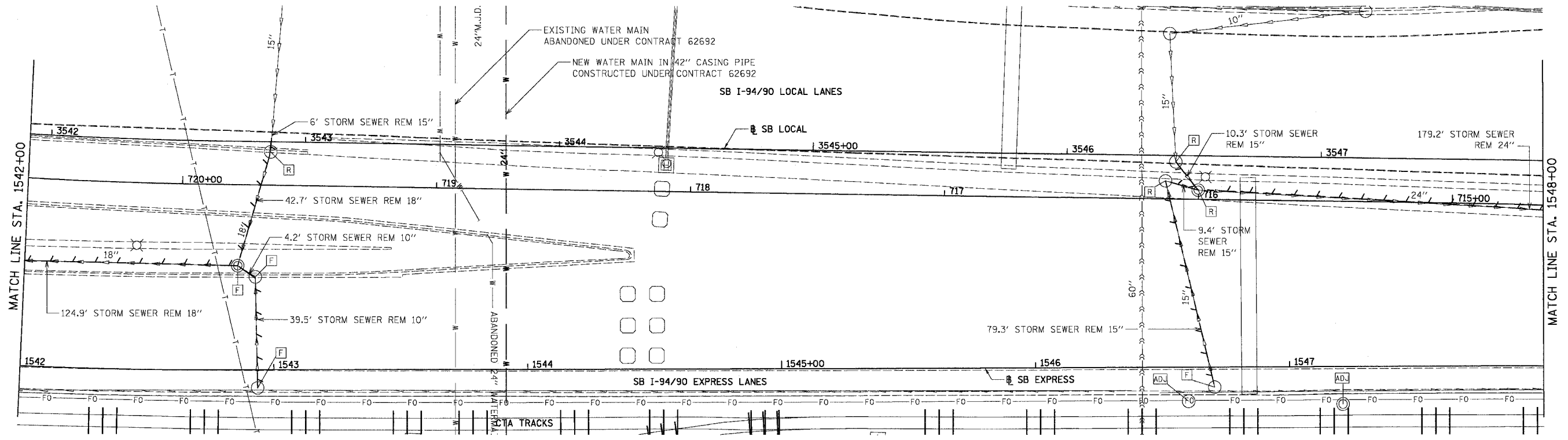
REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

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

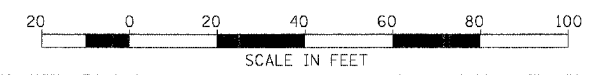
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11/4/2005

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, 2324.6-1P1R-9		



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PROPOSED CONDITIONS

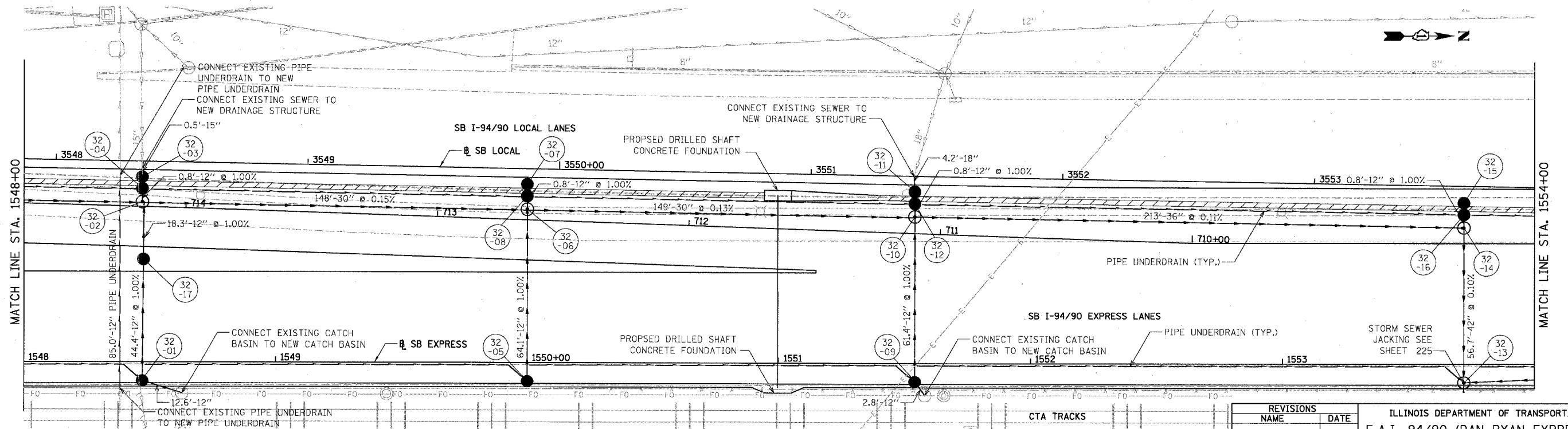
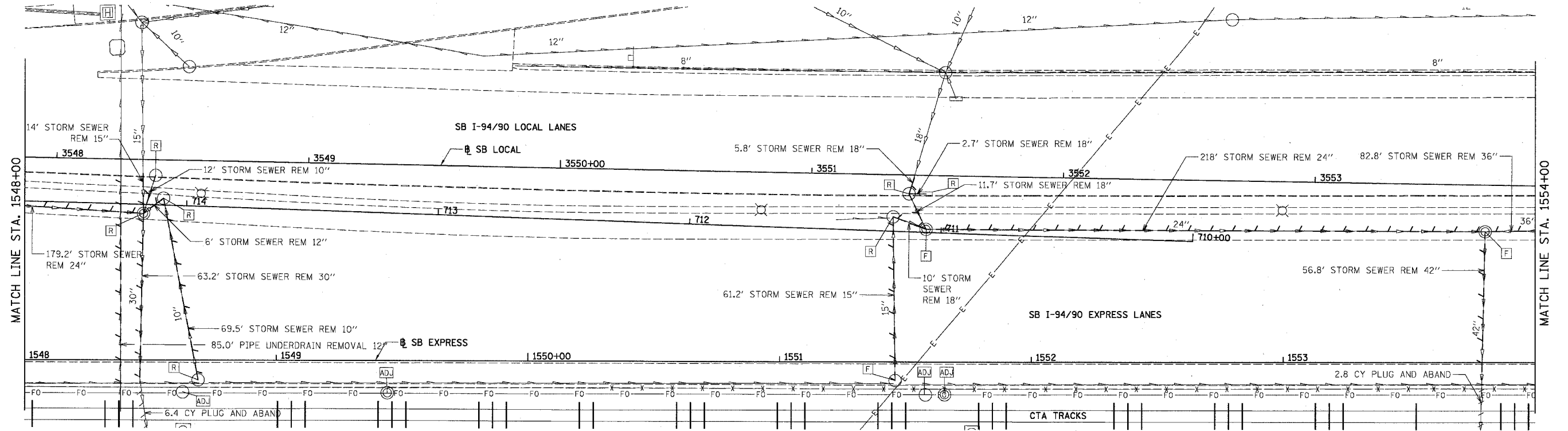
REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

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

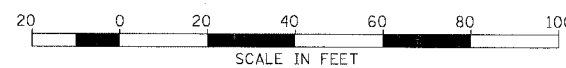
DU-31
 11/11/2005

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

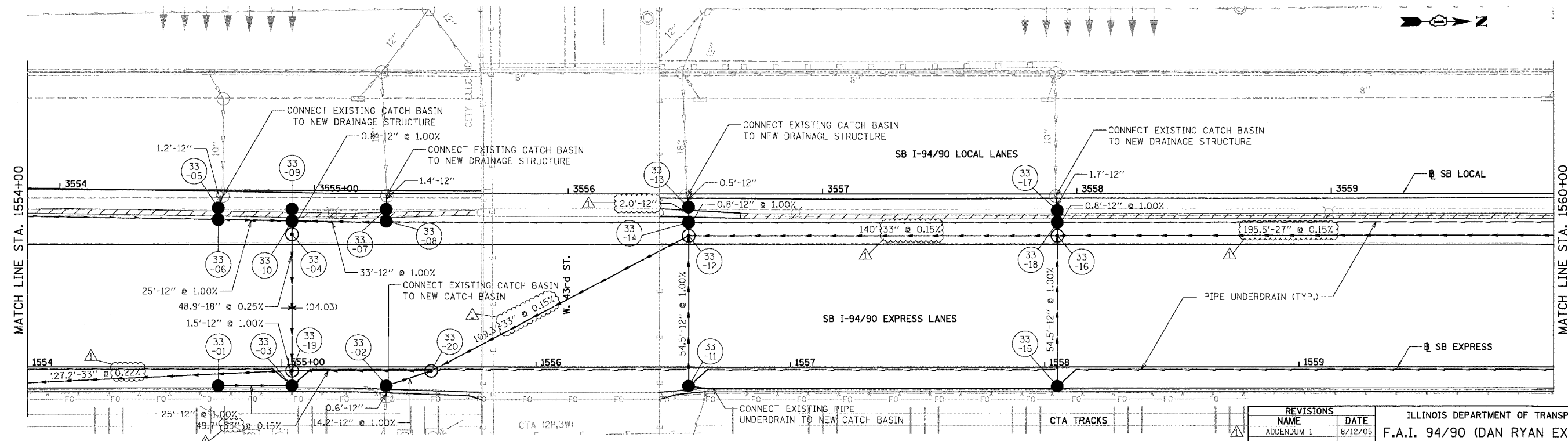
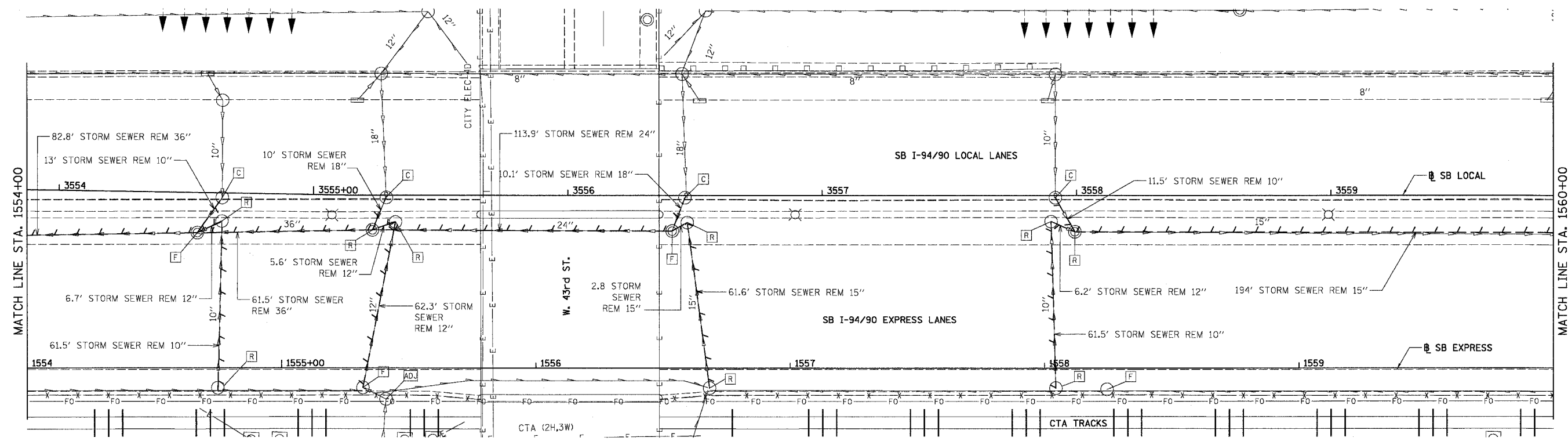
REVISIONS	NAME	DATE

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. 1548+00 TO STA. 1554+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

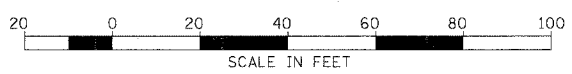
DU-32
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EXISTING CONDITIONS & REMOVALS

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			1818, ETC, 2324.6-1PR-9	



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PROPOSED CONDITIONS

REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

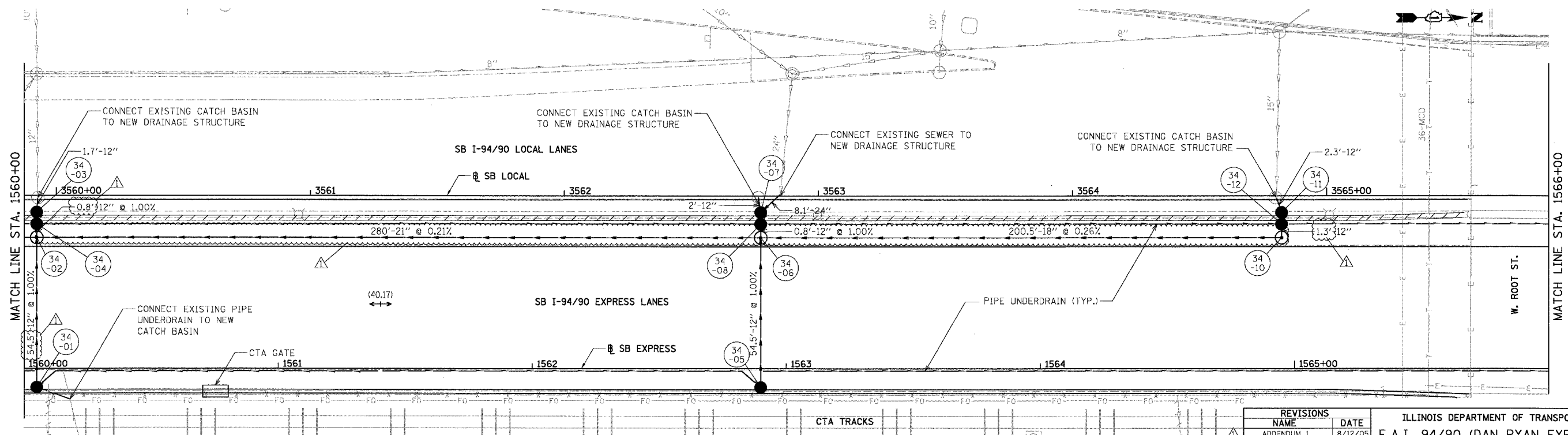
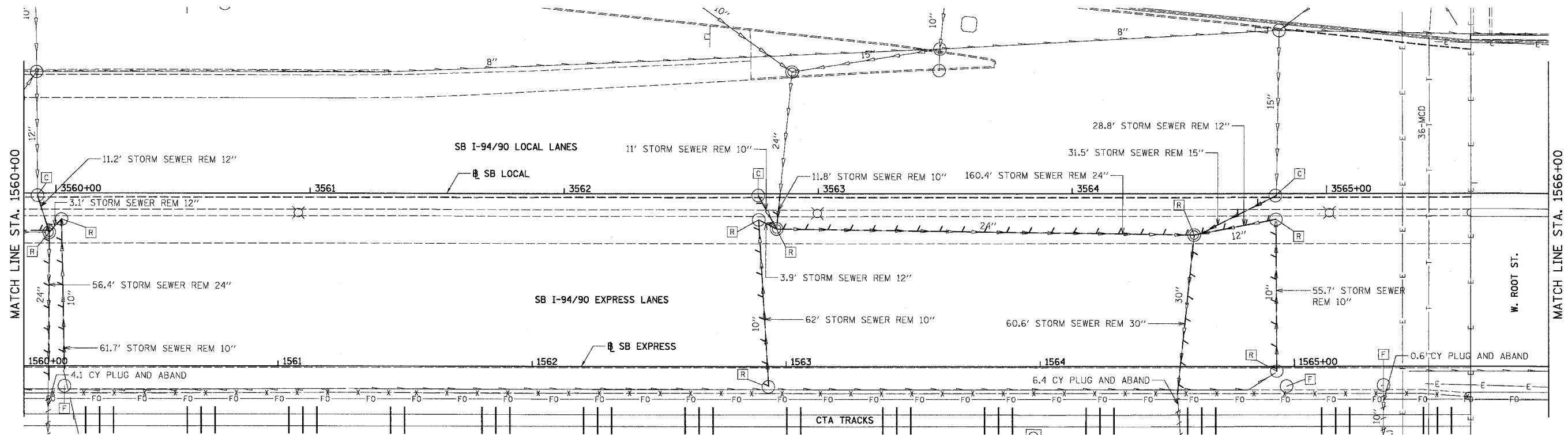
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1554+00 TO STA. 1560+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

DU-33

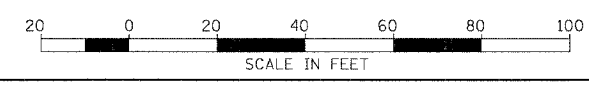
11/5/2005

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, 2324.6-1P1R-9			



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REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

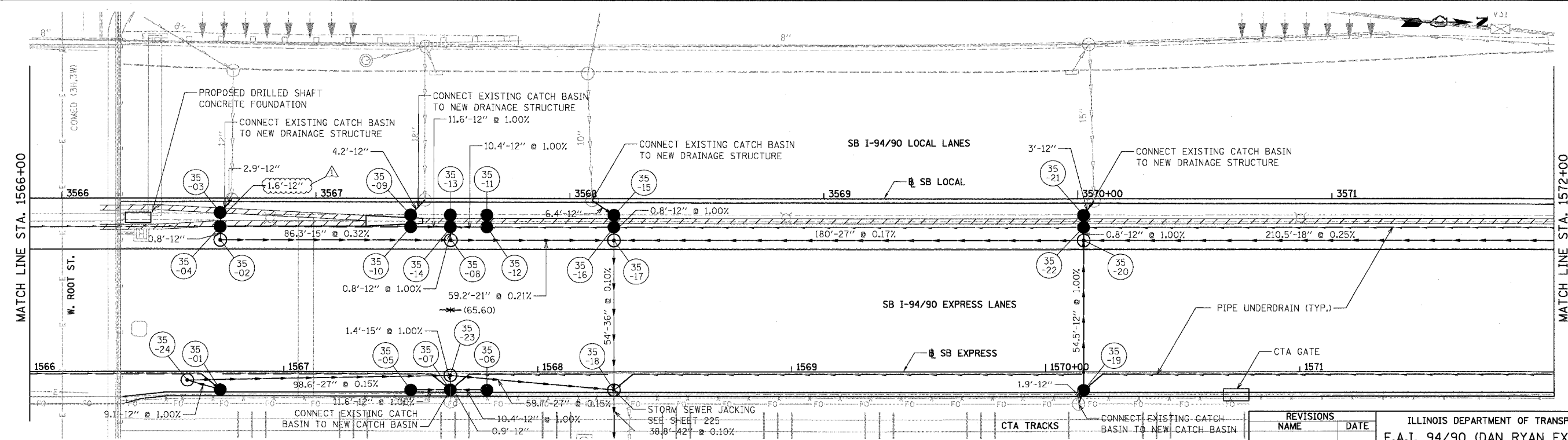
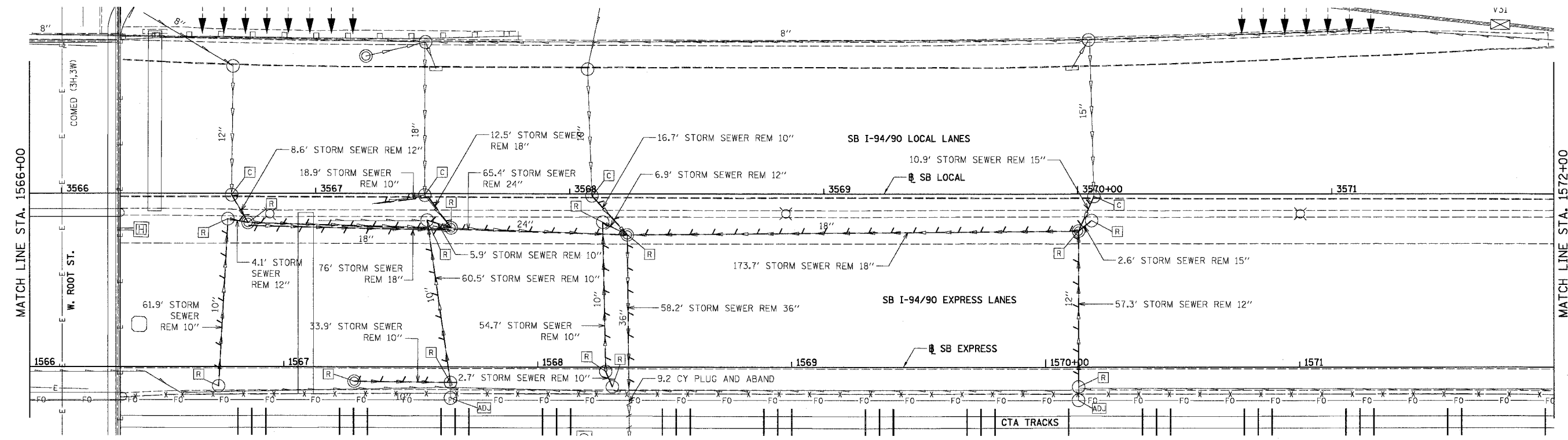
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1560+00 TO STA. 1566+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

PROPOSED CONDITIONS

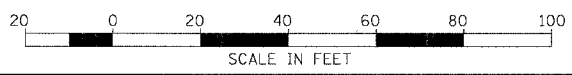
DU-34 12/20/05 12/20/05 12/20/05

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, 2324.6-1PR-9		



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PROPOSED CONDITIONS

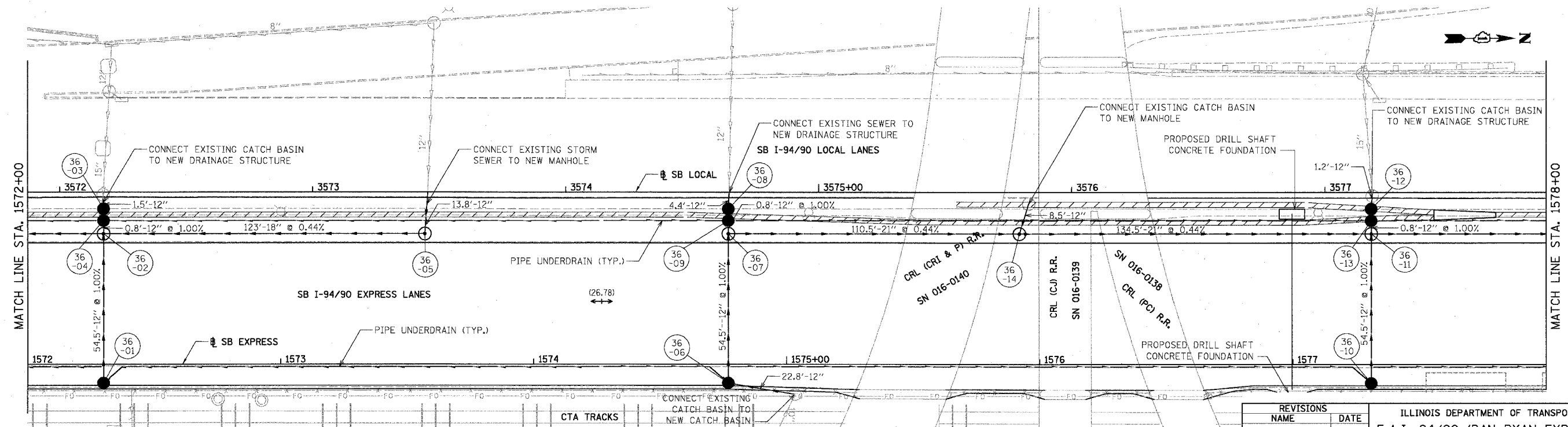
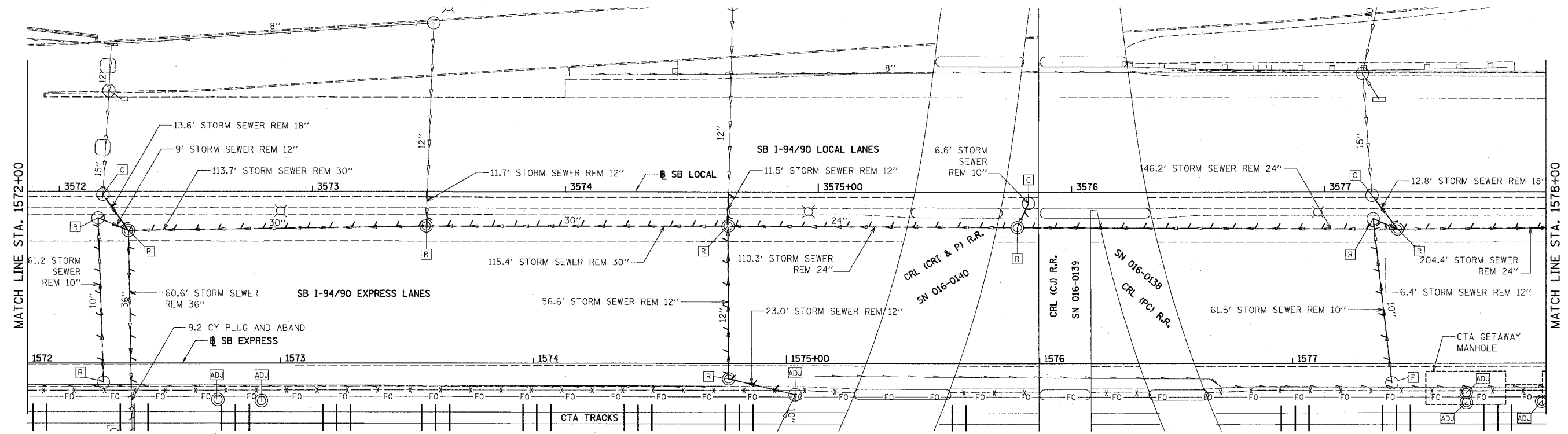
REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

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: DOM

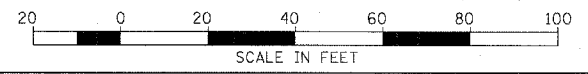
DU-35
8/11/2005 12:03:08 PM

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	199
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		(1818, ETC, 2324.6-IPR-9		



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PROPOSED CONDITIONS

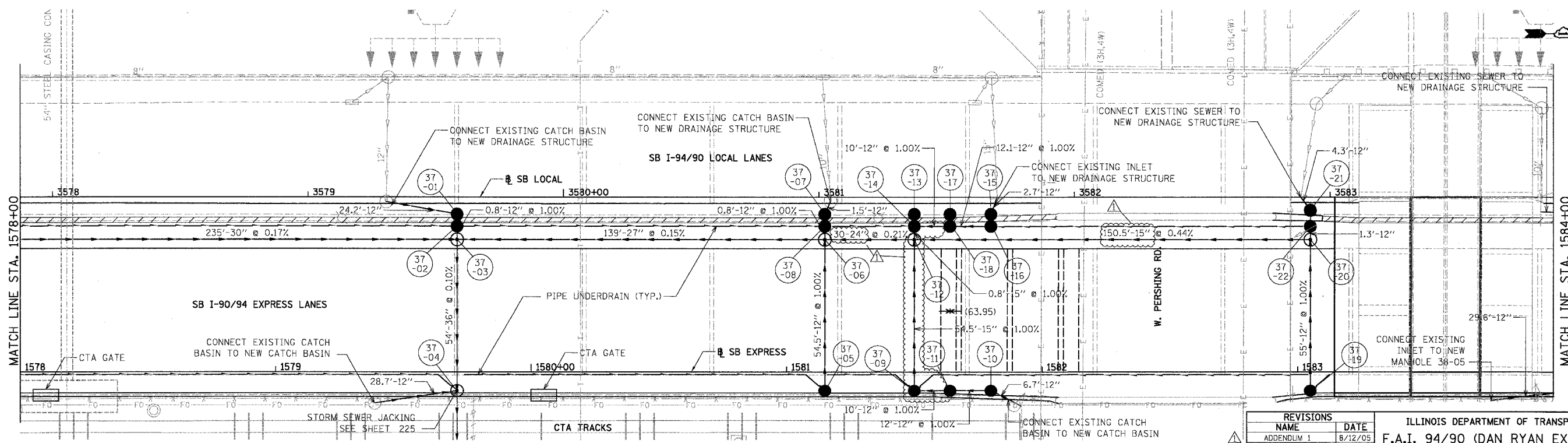
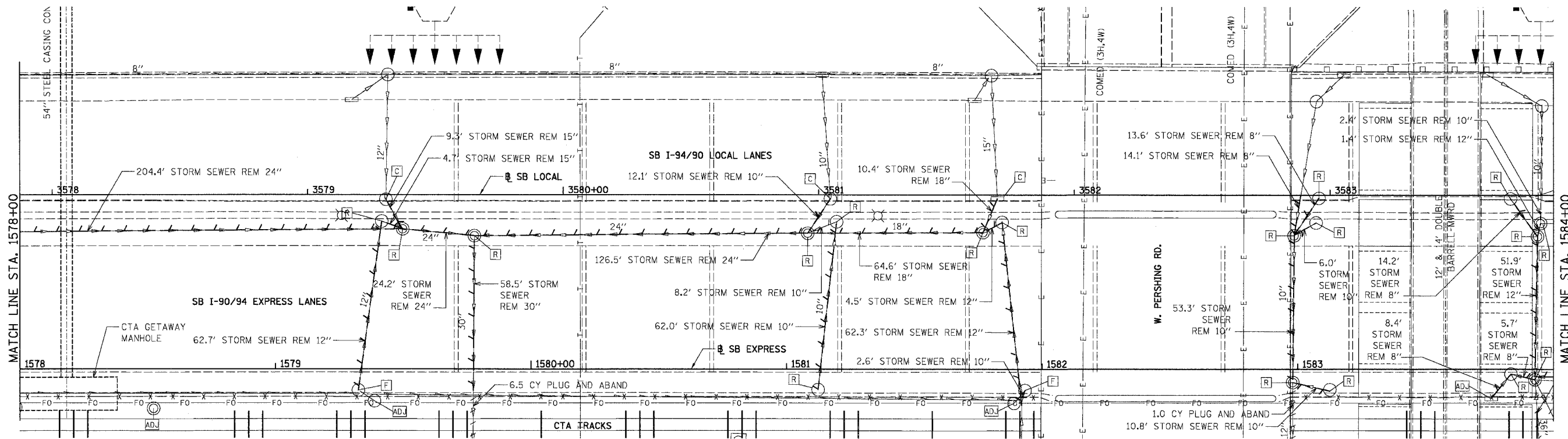
REVISIONS	DATE

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. 1572+00 TO STA. 1578+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

12/09/03 PM 06:29/2005

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



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PROPOSED CONDITIONS

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

12/4/00 PM 8/11/2005