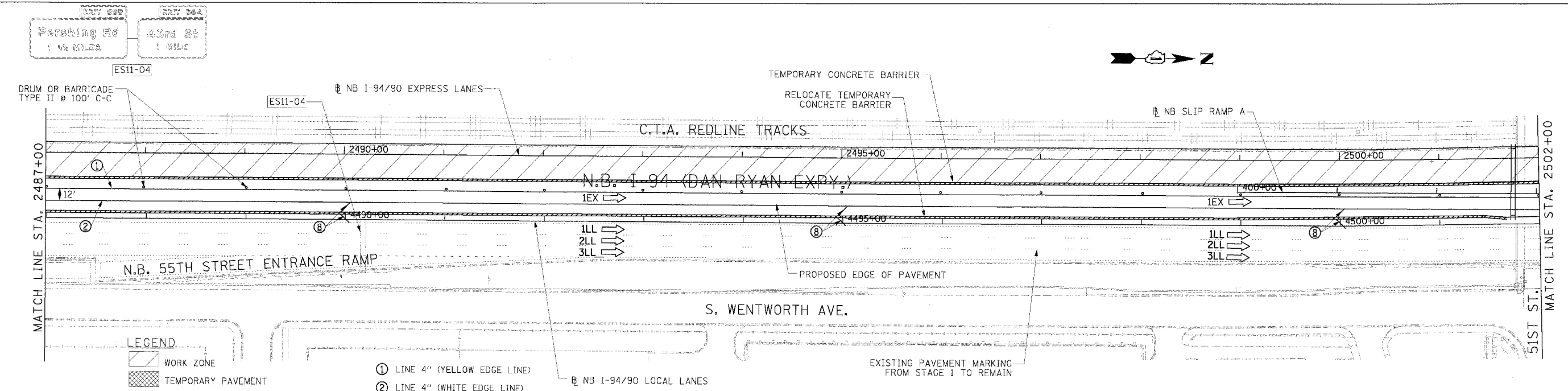
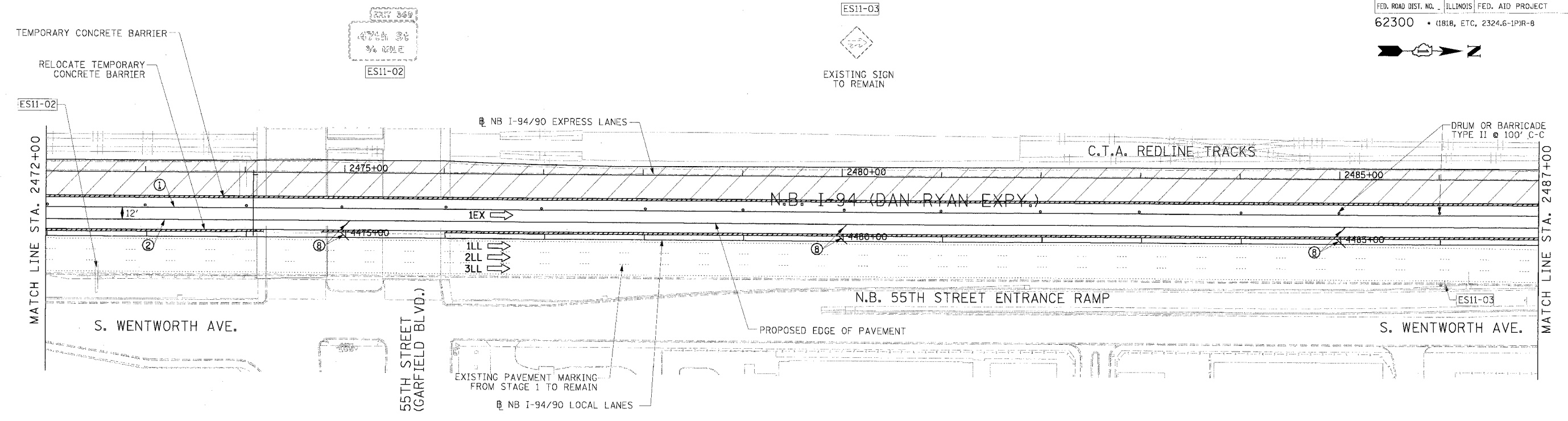


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	101
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	• (181B, ETC, 2324.6-1PJR-8			



**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 NB I-90/94 EXPRESS LANES  
 (+\*\*\*) STATION PROVIDED FROM THE NB 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  
 NB EXPRESS LANE RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC PLAN  
 NORTHBOUND STA. 2472+00 TO STA. 2502+00  
 STAGE 2

SCALE: 1"=50'  
 0' 50' 100'

DATE: 7/7/05

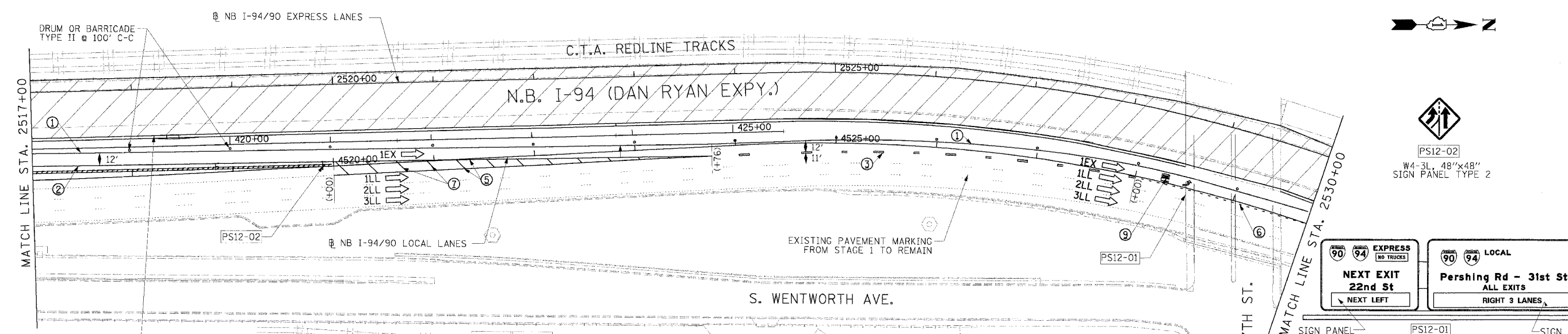
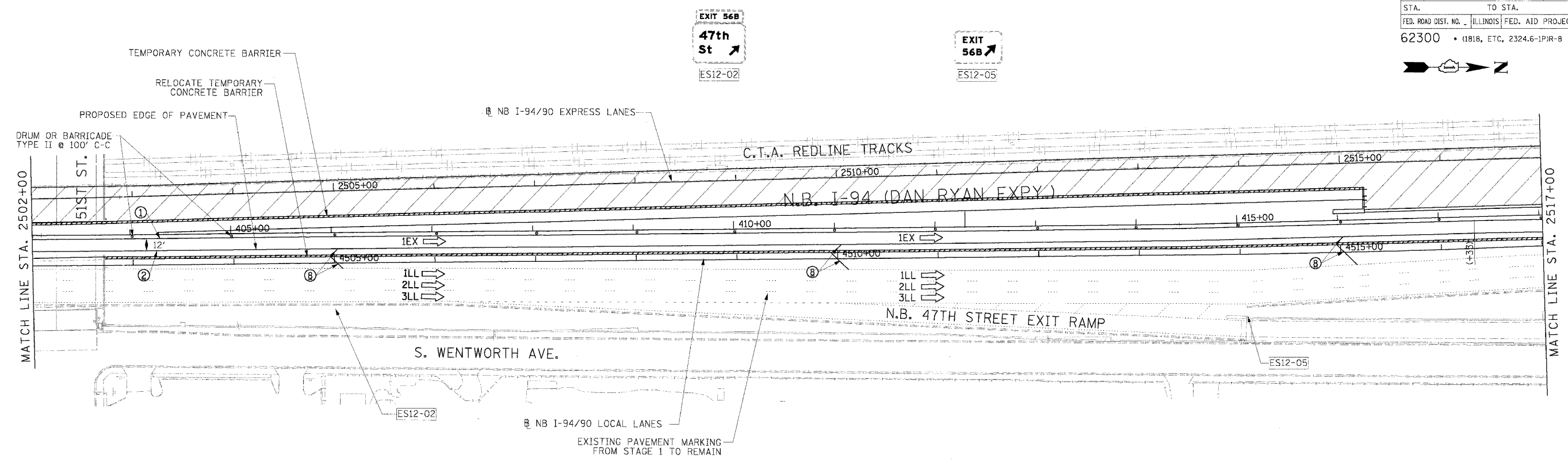
DRAWN BY: TAI  
 CHECKED BY: PJM

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

MOT-21

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC PLAN  
 NORTHBOUND STA. 2472+00 TO STA. 2502+00  
 STAGE 2  
 DATE: 7/7/05

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	102
STA.	TO STA.		FED. AID PROJECT	
62300	(1818, ETC, 2324.6-1PIR-B			



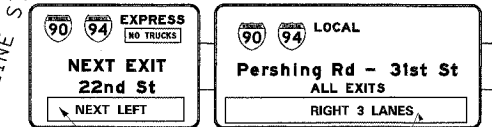
STA. 4518+40.00 - PROPOSED FOUNDATION FOR OVERHEAD SIGN TRUSS SEE OVERHEAD SIGN DETAILS (OVERHEAD SIGN TRUSS TO BE BUILT IN FUTURE CONTRACT)

- 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

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

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



REVISIONS	
NAME	DATE

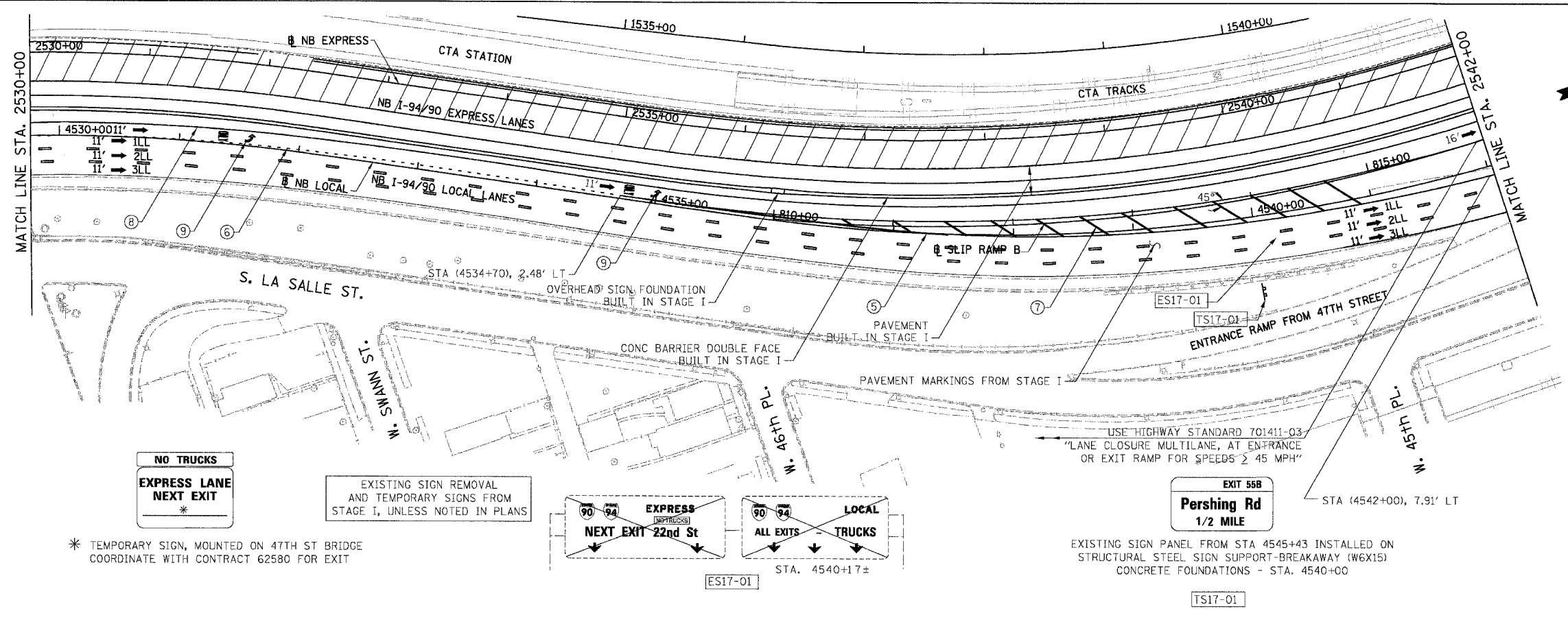
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC PLAN  
 NORTHBOUND STA. 2502+00 TO STA. 2530+00  
 STAGE 2  
 SCALE: 0" = 50' 1" = 50'  
 DATE: 7/7/05  
 DRAWN BY: TAI  
 CHECKED BY: PJM

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

ESx-xx EXISTING SIGN  
 TSx-xx TEMPORARY SIGN

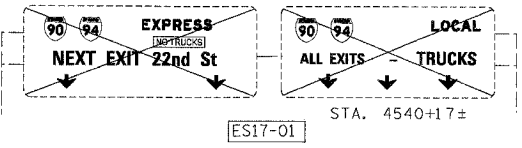
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	556	103
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	*(1818, ETC, 2324.6-1P1R-8			



**NO TRUCKS**  
**EXPRESS LANE**  
**NEXT EXIT**  
\*

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

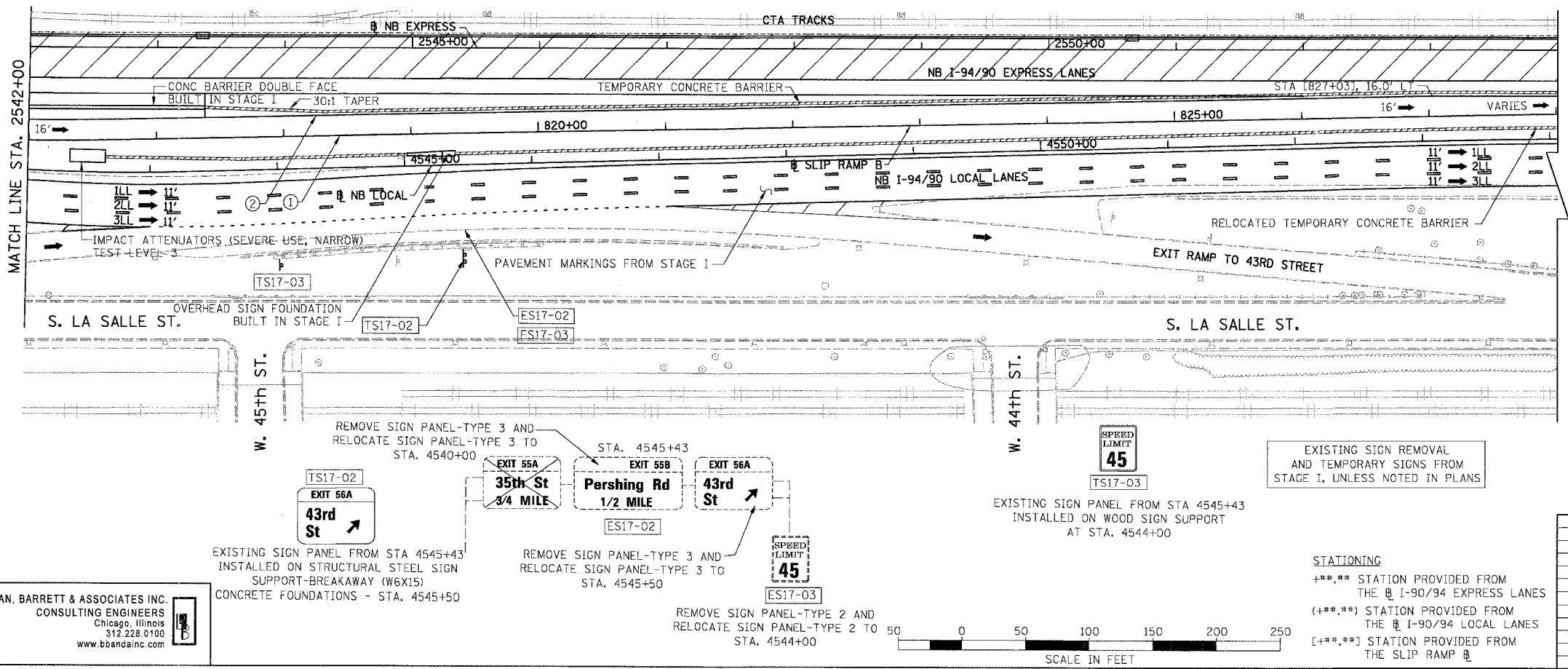


**EXIT 55B**  
**Pershing Rd**  
**1/2 MILE**

EXISTING SIGN PANEL FROM STA 4545+43 INSTALLED ON  
STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY (W6X15)  
CONCRETE FOUNDATIONS - STA. 4540+00

\* TEMPORARY SIGN, MOUNTED ON 47TH ST BRIDGE  
COORDINATE WITH CONTRACT 62580 FOR EXIT

- 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, 500' 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**

EXISTING SIGN PANEL FROM STA 4545+43  
INSTALLED ON STRUCTURAL STEEL SIGN  
SUPPORT-BREAKAWAY (W6X15)  
CONCRETE FOUNDATIONS - STA. 4545+50

**EXIT 55A**  
**35th St**  
**3/4 MILE**

REMOVE SIGN PANEL-TYPE 3 AND  
RELOCATE SIGN PANEL-TYPE 3 TO  
STA. 4540+00

**EXIT 55B**  
**Pershing Rd**  
**1/2 MILE**

REMOVE SIGN PANEL-TYPE 3 AND  
RELOCATE SIGN PANEL-TYPE 3 TO  
STA. 4545+50

**EXIT 56A**  
**43rd St**

REMOVE SIGN PANEL-TYPE 2 AND  
RELOCATE SIGN PANEL-TYPE 2 TO  
STA. 4544+00

**SPEED LIMIT 45**

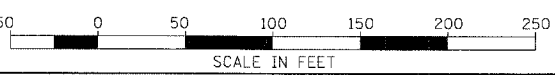
EXISTING SIGN PANEL FROM STA 4545+43  
INSTALLED ON WOOD SIGN SUPPORT  
AT STA. 4544+00

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

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

REVISIONS	
NAME	DATE

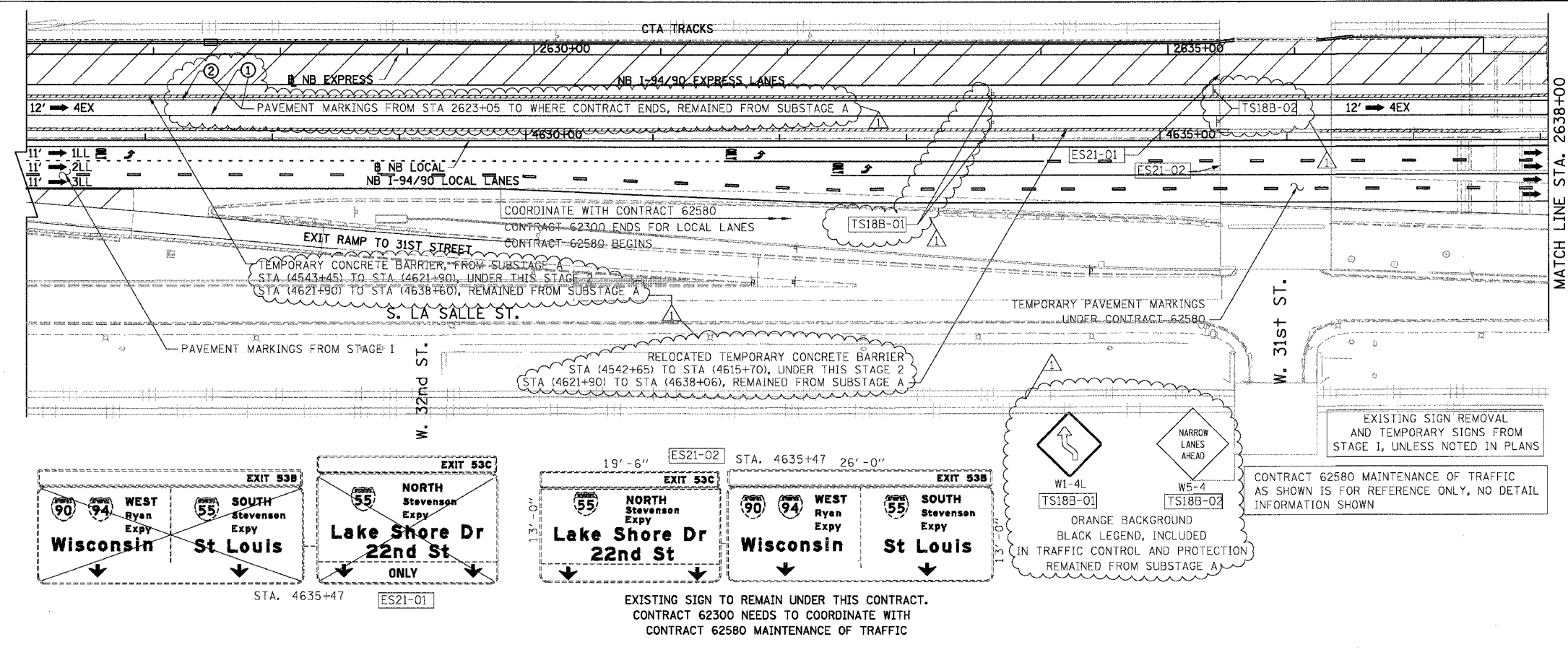
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
NB EXPRESS LANE RECONSTRUCTION  
MAINTENANCE OF TRAFFIC PLAN STAGE 2  
NORTHBOUND STA. 2530+00 TO STA. 2554+00  
SCALE: 1"=50'  
DATE: 07/07/05  
DRAWN BY: RA  
CHECKED BY: RS



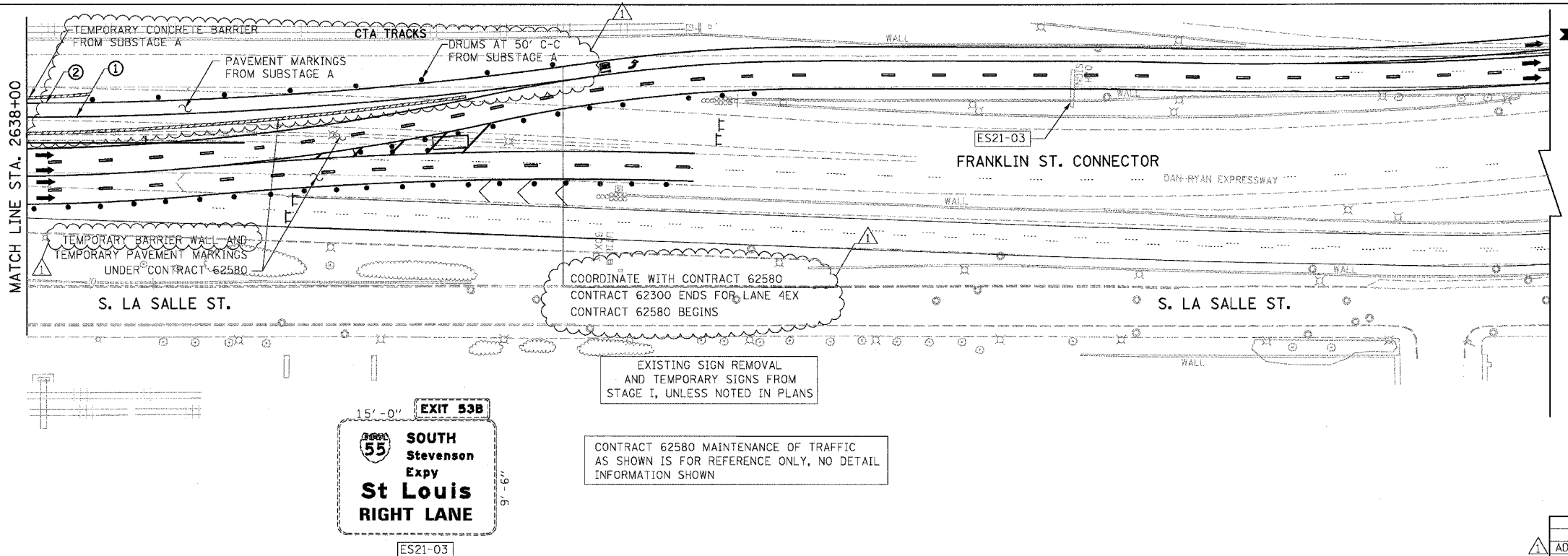
BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
www.bbainc.com

MOT-23  
2/27/09 PM  
5/20/09

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	104
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62300	11818, ETC, 2324.6-1PJR-8			



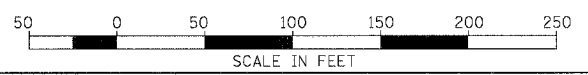
- LEGEND**
- ▨ WORK ZONE
  - ▨ TEMPORARY PAVEMENT
  - 1LL TRAFFIC LANE & DIRECTION OF TRAFFIC
  - DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
  - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
  - ⊥ BARRICADE TYPE III
  - ▬ TEMPORARY CONCRETE BARRIER
  - ① LINE 4" (YELLOW EDGE LINE)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



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

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

EXISTING SIGN TO REMAIN UNDER THIS CONTRACT.  
CONTRACT 62300 NEEDS TO COORDINATE WITH  
CONTRACT 62580 MAINTENANCE OF TRAFFIC



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

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  
NB EXPRESS LANE RECONSTRUCTION  
MAINTENANCE OF TRAFFIC PLAN STAGE 2  
NORTHBOUND STA. 2626+00 TO STA.

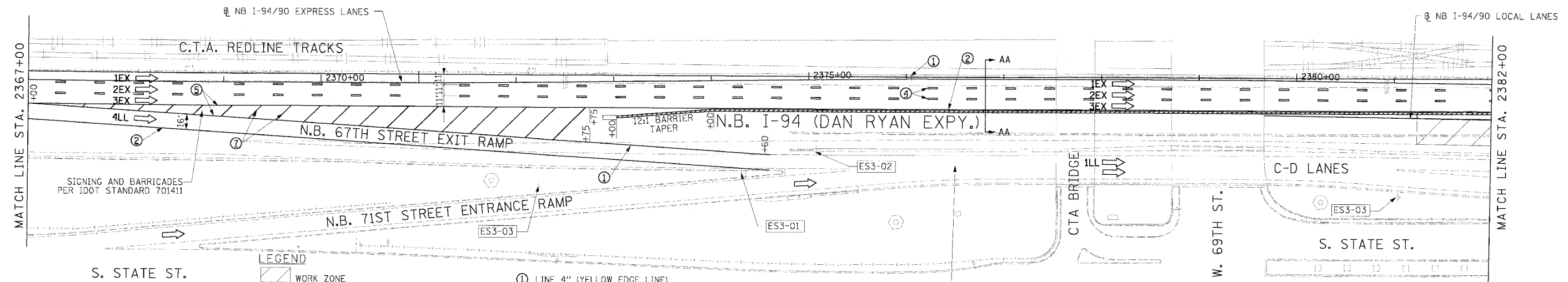
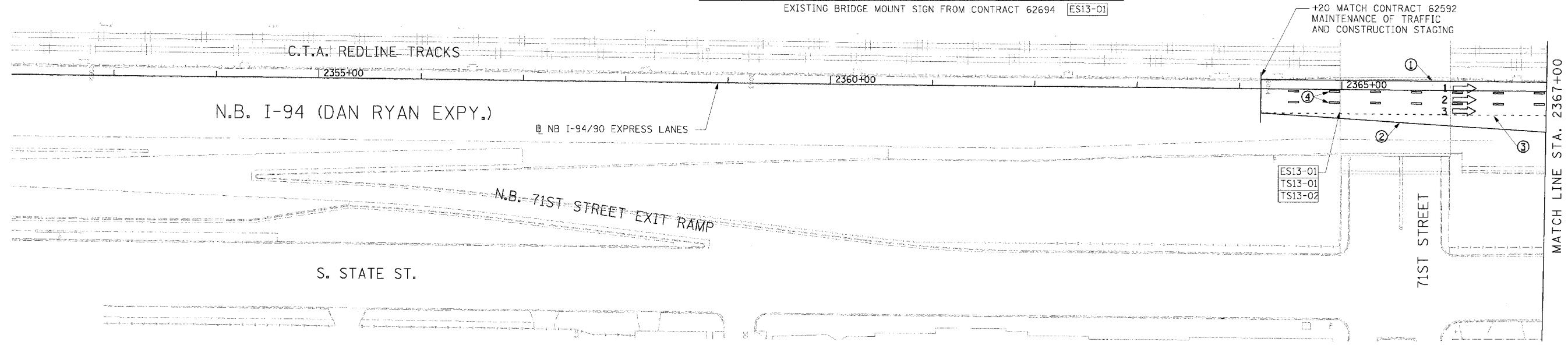
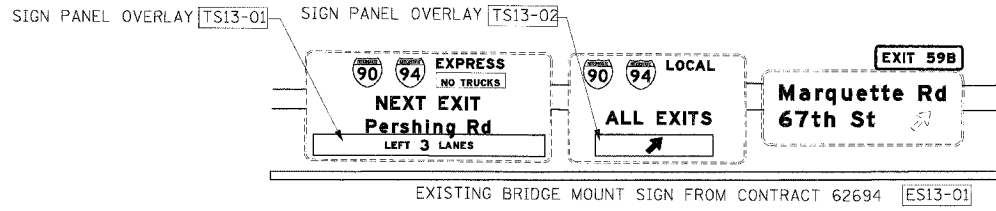
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DATE: 07/07/05

DRAWN BY: RA  
CHECKED BY: RS

11/26/05 8:17 AM



F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 105
STA. 62300		TO STA. 62300		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT (1818, ETC, 2324.6-1PR-8)				



**LEGEND**

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

- ① LINE 4" (YELLOW EDGE LINE)
- ② LINE 4" (WHITE EDGE LINE)
- ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
- ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
- ⑤ LINE 8" (WHITE GORE LINE)
- ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
- ⑦ LINE 12" (DIAGONAL, 30' C-C)
- ⑧ LINE 12" (DIAGONAL, 500' C-C)
- ⑨ LETTERS AND SYMBOLS

**STATIONING**  
 +\*\* STATION PROVIDED FROM THE NB I-90/94 EXPRESS LANES  
 (+\*\*) STATION PROVIDED FROM THE NB 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  
 NB EXPRESS LANE RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC PLAN  
 NORTHBOUND STA. 2352+00 TO STA. 2382+00  
 STAGE 3  
 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

P:\030090305\Corr 14&15\CADD\Drawings\140225.DWG  
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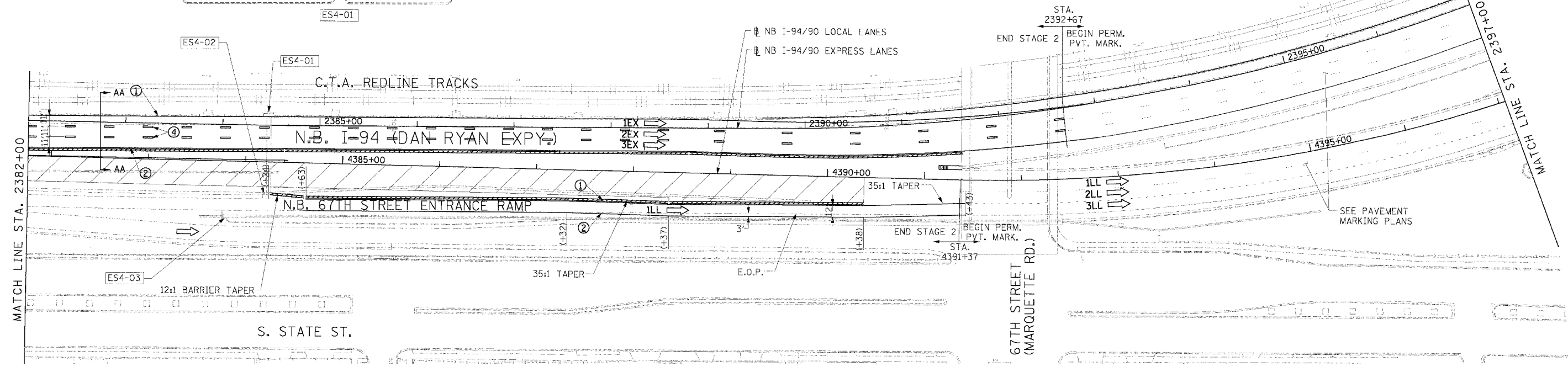
**90 94 EXPRESS**  
**NEXT EXIT**  
**Pershing Rd - 3900 S**  
 LEFT 3 LANES

**90 94 LOCAL**  
**ALL EXITS**  
 RIGHT 2 LANES

**EXIT 59B**

ES4-01, ES4-02, ES4-03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	106
STA.	TO STA.		FED. AID PROJECT	
62300	(1818, ETC. 2324.6-1P/R-8			



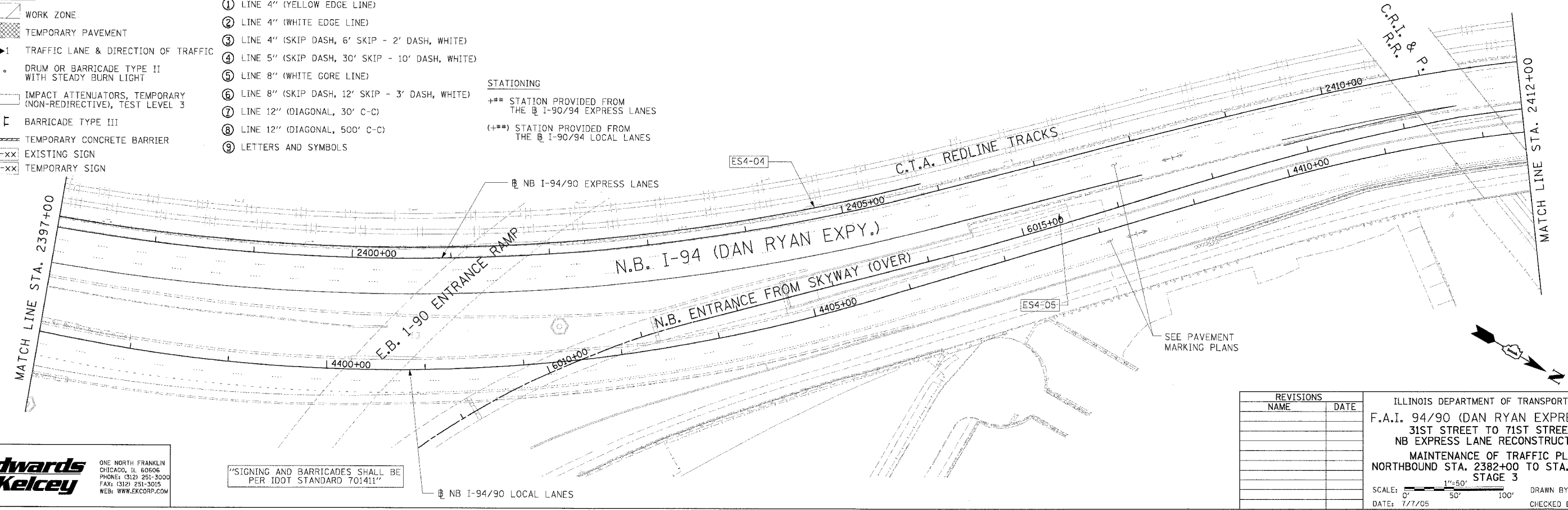
**NOTE:**  
 ALL PAVEMENT MARKINGS ON THIS SHEET ARE PAVEMENT MARKING TAPE, TYPE III UNLESS OTHERWISE NOTED.

- 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

**STATIONING**

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

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



"SIGNING AND BARRICADES SHALL BE PER IDOT STANDARD 701411"

**Edwards AND Kelcey**

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

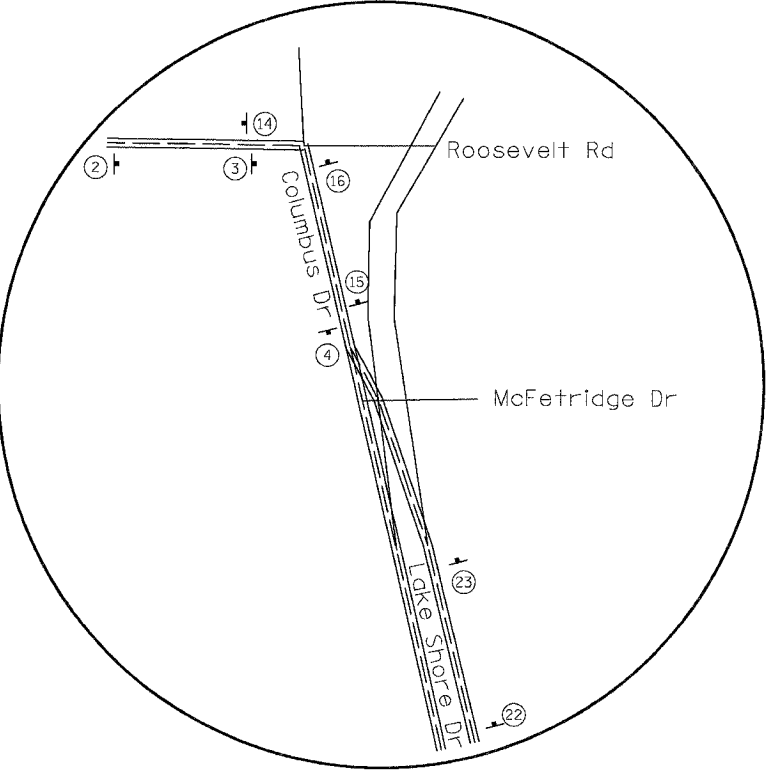
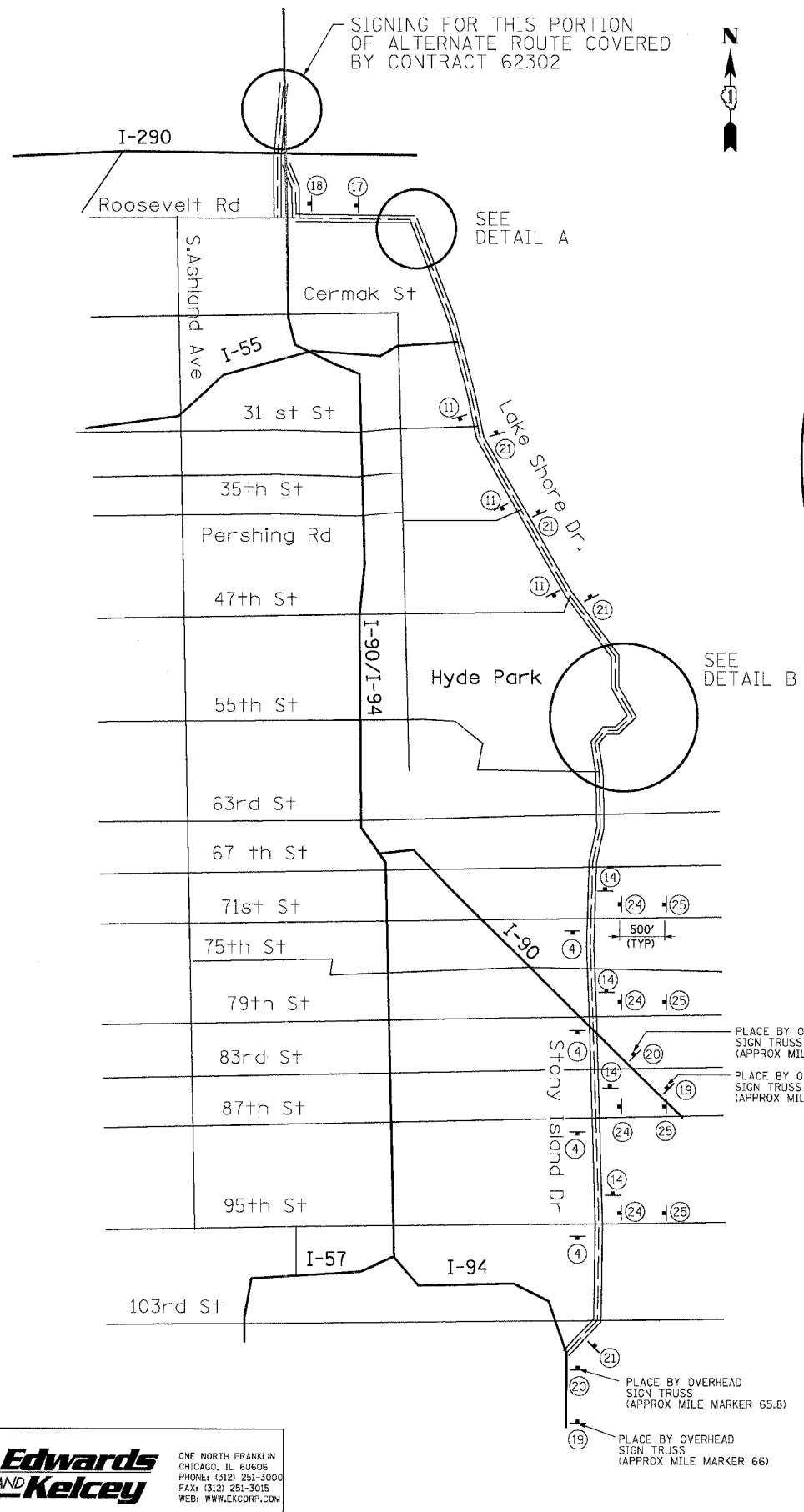
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 MAINTENANCE OF TRAFFIC PLAN  
 NORTHBOUND STA. 2382+00 TO STA. 2412+00  
 STAGE 3

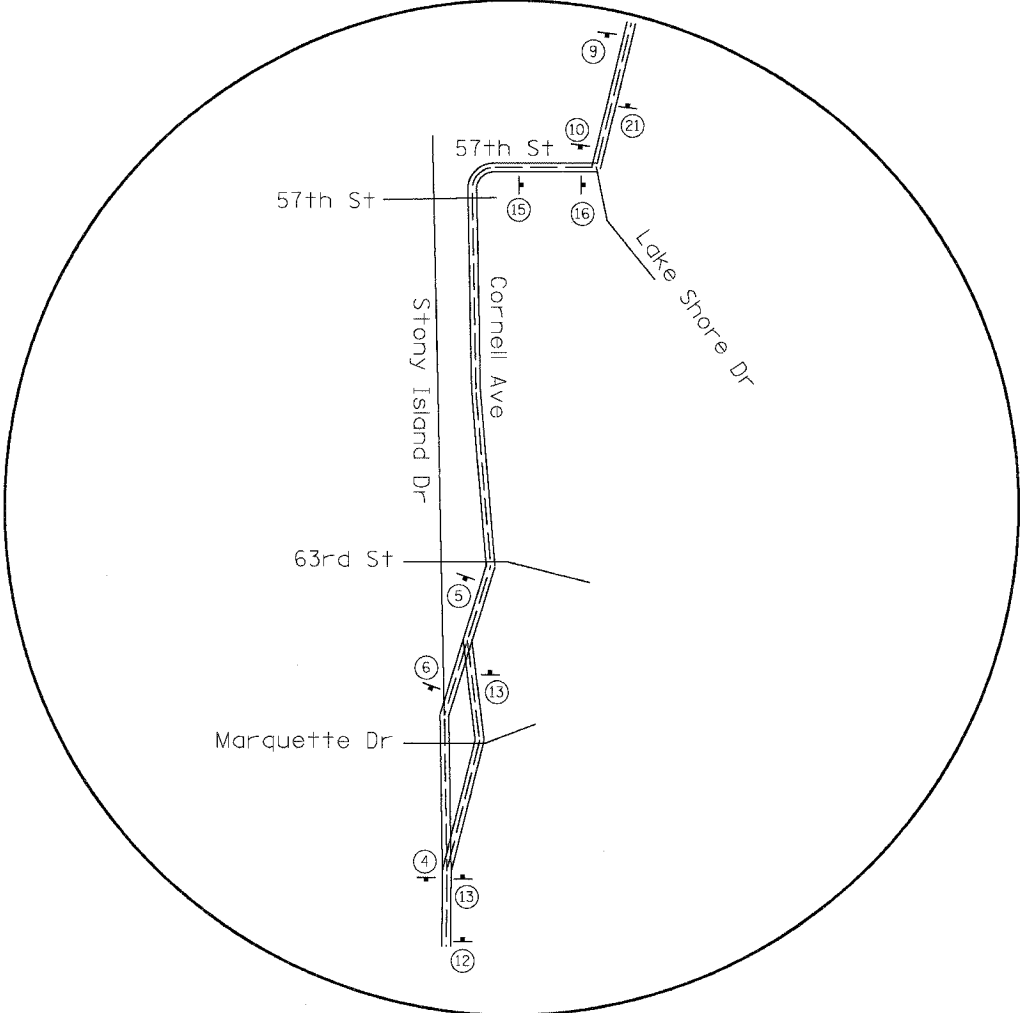
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 DATE: 7/1/05

DRAWN BY: TAI  
 CHECKED BY: PJM

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 MOT-26  
 06/24/2005 12:35:38 PM



DETAIL A



DETAIL B

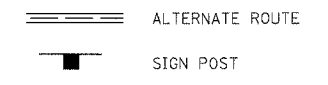
NOTE:  
ALL SIGNING ON THIS SHEET IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION FOR ALTERNATE ROUTE SIGNING.

QUANTITIES

SIGN TYPE	SIZE (FT)	NO. OF SIGNS	AREA (SQ. FT.)
M1-4a, M3-2 M3-4	2 x 1	80	160
M1-4a, M3-2 M3-4	2.5 x 1.25	32	106
NO TRUCKS	3 x 1	47	141
M1-1	2 x 2	80	320
M1-1	3 x 3	32	288
M6-1, M5-1, M6-3, M5-2, M6-2.	1.75 x 1.25	56	126

TOTAL = 1,121 SQ. FT.

LEGEND:



REVISIONS	
NAME	DATE

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

SCALE: NONE  
DATE: 7/7/05  
DRAWN BY: GG  
CHECKED BY: TAI

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	108
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	• (1818, ETC, 2324.6-1P1R-8			

(36x12)  
**NO TRUCKS**  
 ALT EAST  
 M4-1a (24x12)  
 M3-2 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M5-1 (21x15)  
 2

(36x12)  
**NO TRUCKS**  
 ALT EAST  
 M4-1a (24x12)  
 M3-2 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M6-1 (21x15)  
 3

(36x12)  
**NO TRUCKS**  
 ALT EAST  
 M4-1a (24x12)  
 M3-2 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M6-3 (21x15)  
 4

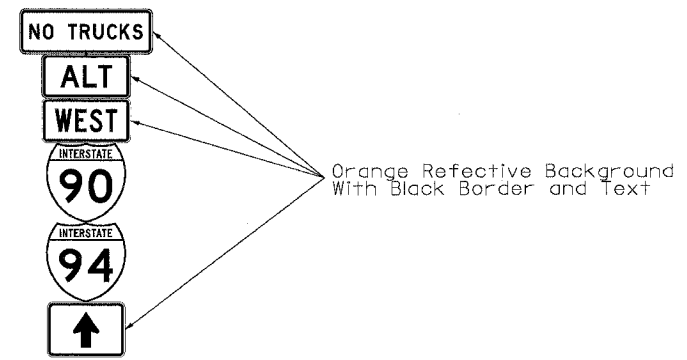
(36x12)  
**NO TRUCKS**  
 ALT EAST  
 M4-1a (24x12)  
 M3-2 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M5-2 (21x15)  
 5

(36x12)  
**NO TRUCKS**  
 ALT EAST  
 M4-1a (24x12)  
 M3-2 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M6-2 (21x15)  
 6

(36x12)  
**NO TRUCKS**  
 ALT EAST  
 M4-1a (30x15)  
 M3-2 (30x15)  
 INTERSTATE 90  
 M1-1 (36x36)  
 INTERSTATE 94  
 M1-1 (36x36)  
 M5-1 (21x15)  
 9

(36x12)  
**NO TRUCKS**  
 ALT EAST  
 M4-1a (30x15)  
 M3-2 (30x15)  
 INTERSTATE 90  
 M1-1 (36x36)  
 INTERSTATE 94  
 M1-1 (36x36)  
 M6-1 (21x15)  
 10

(36x12)  
**NO TRUCKS**  
 ALT WEST  
 M4-1a (24x12)  
 M3-4 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M6-3 (21x15)  
 14



(36x12)  
**NO TRUCKS**  
 ALT EAST  
 M4-1a (30x15)  
 M3-2 (24x12)  
 INTERSTATE 90  
 M1-1 (36x36)  
 INTERSTATE 94  
 M1-1 (36x36)  
 M6-3 (21x15)  
 11

(36x12)  
**NO TRUCKS**  
 ALT WEST  
 M4-1a (24x12)  
 M3-4 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M5-2 (21x15)  
 12

(36x12)  
**NO TRUCKS**  
 ALT WEST  
 M4-1a (24x12)  
 M3-4 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M6-2 (21x15)  
 13

(36x12)  
**NO TRUCKS**  
 ALT WEST  
 M4-1a (24x12)  
 M3-4 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M6-3 (21x15)  
 15

(36x12)  
**NO TRUCKS**  
 ALT WEST  
 M4-1a (24x12)  
 M3-4 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M5-1 (21x15)  
 24

(36x12)  
**NO TRUCKS**  
 ALT WEST  
 M4-1a (24x12)  
 M3-4 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M6-1 (21x15)  
 16

(36x12)  
**NO TRUCKS**  
 ALT WEST  
 M4-1a (24x12)  
 M3-4 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M5-1 (21x15)  
 17

(36x12)  
**NO TRUCKS**  
 ALT WEST  
 M4-1a (24x12)  
 M3-4 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M6-1 (21x15)  
 18

(36x12)  
**NO TRUCKS**  
 ALT WEST  
 M4-1a (30x15)  
 M3-4 (30x15)  
 INTERSTATE 90  
 M1-1 (36x36)  
 INTERSTATE 94  
 M1-1 (36x36)  
 M5-2 (21x15)  
 19

(36x12)  
**NO TRUCKS**  
 ALT WEST  
 M4-1a (30x15)  
 M3-4 (30x15)  
 INTERSTATE 90  
 M1-1 (36x36)  
 INTERSTATE 94  
 M1-1 (36x36)  
 M6-2 (21x15)  
 20

(36x12)  
**NO TRUCKS**  
 ALT EAST WEST  
 M4-1a (24x12)  
 M3-2 (24x12)  
 INTERSTATE 90  
 M1-1 (24x24)  
 INTERSTATE 94  
 M1-1 (24x24)  
 M6-1 (21x15)  
 25

(36x12)  
**NO TRUCKS**  
 ALT WEST  
 M4-1a (30x15)  
 M3-4 (30x15)  
 INTERSTATE 90  
 M1-1 (36x36)  
 INTERSTATE 94  
 M1-1 (36x36)  
 M6-3 (21x15)  
 21

(36x12)  
**NO TRUCKS**  
 ALT WEST  
 M4-1a (30x15)  
 M3-4 (30x15)  
 INTERSTATE 90  
 M1-1 (36x36)  
 INTERSTATE 94  
 M1-1 (36x36)  
 M5-1 (21x15)  
 22

(36x12)  
**NO TRUCKS**  
 ALT WEST  
 M4-1a (30x15)  
 M3-4 (30x15)  
 INTERSTATE 90  
 M1-1 (36x36)  
 INTERSTATE 94  
 M1-1 (36x36)  
 M6-1 (21x15)  
 23

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

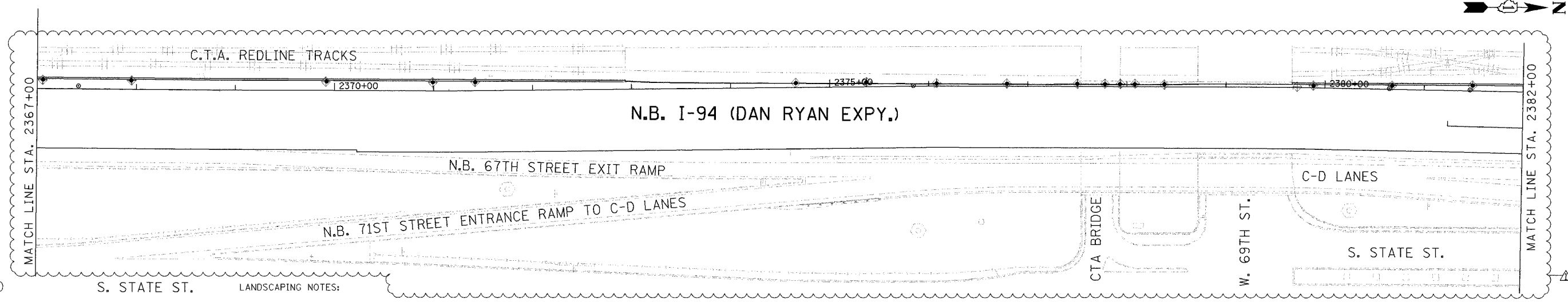
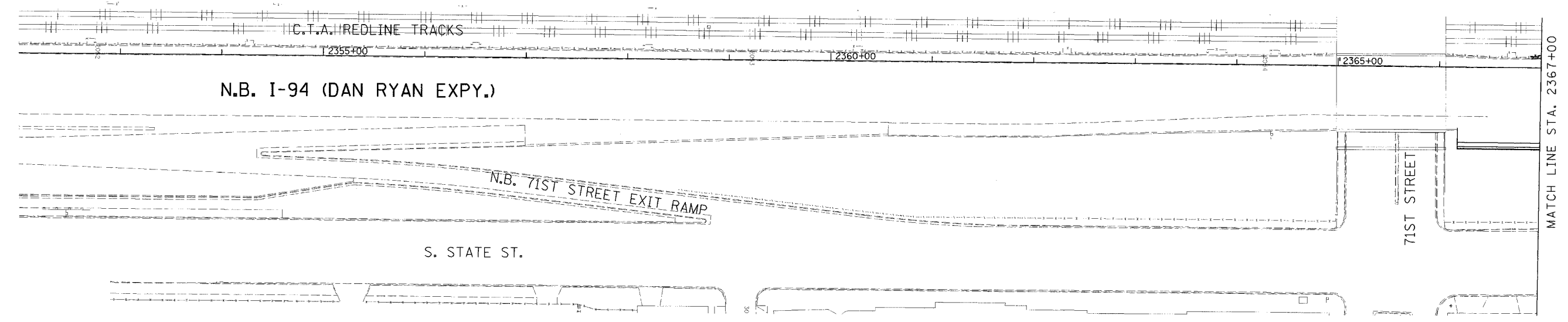
**Edwards AND Kelcey**  
 ONE NORTH FRANKLIN CHICAGO, IL 60606  
 PHONE: (312) 251-3000  
 FAX: (312) 251-3015  
 WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE

MOT-28  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 ALTERNATE ROUTE SIGNING PLAN  
 SCALE: NONE  
 DATE: 7/7/05  
 DRAWN BY: GG  
 CHECKED BY: TAI

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	109
STA.	TO STA.			
62300	1818, ETC, 2324.6-IP/R-8			



**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.

**Edwards AND Kelcey**  
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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

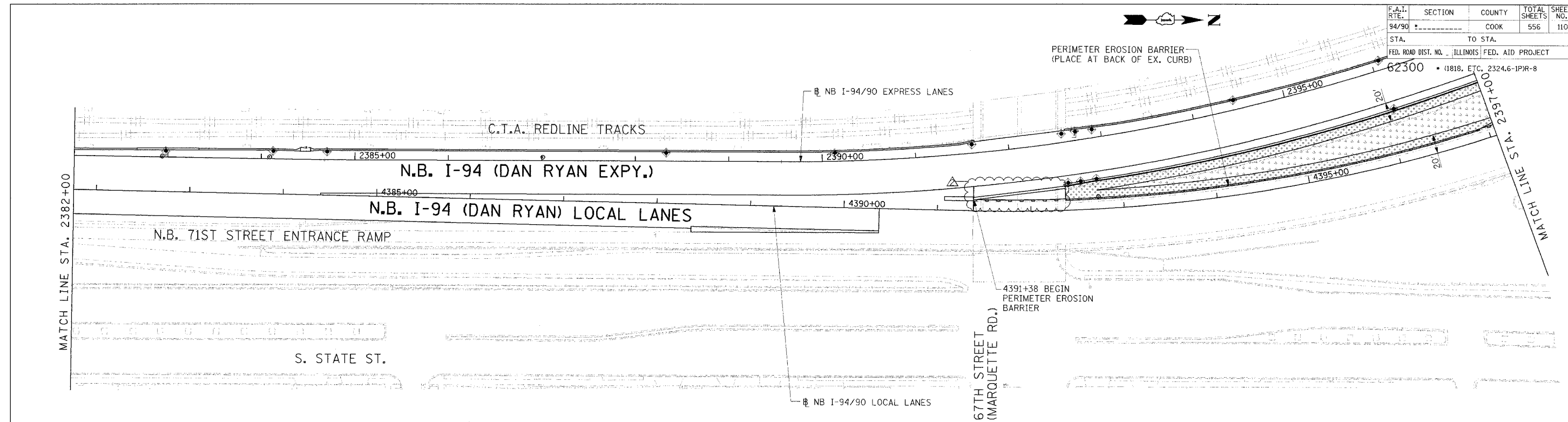
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 EROSION CONTROL  
 AND LANDSCAPING PLAN  
 NORTHBOUND STA. 2352+00 TO STA. 2382+00  
 SCALE: 1"=50'  
 DATE: 1/1/05  
 DRAWN BY: TAI  
 CHECKED BY: PJM

ERO-1

09/14/2005 04:52:28 PM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	110
STA.	TO STA.		FED. ROAD DIST. NO.	
62300	1818, ETC.		ILLINOIS FED. AID PROJECT	
			2324.6-1PR-8	



**LANDSCAPING NOTES:**

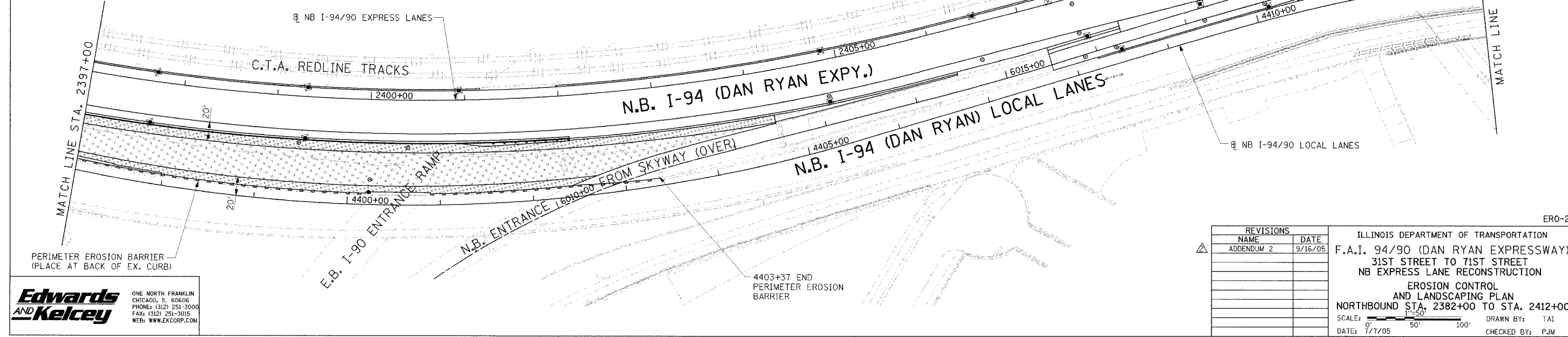
1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN REJECTION OF SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
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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.

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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



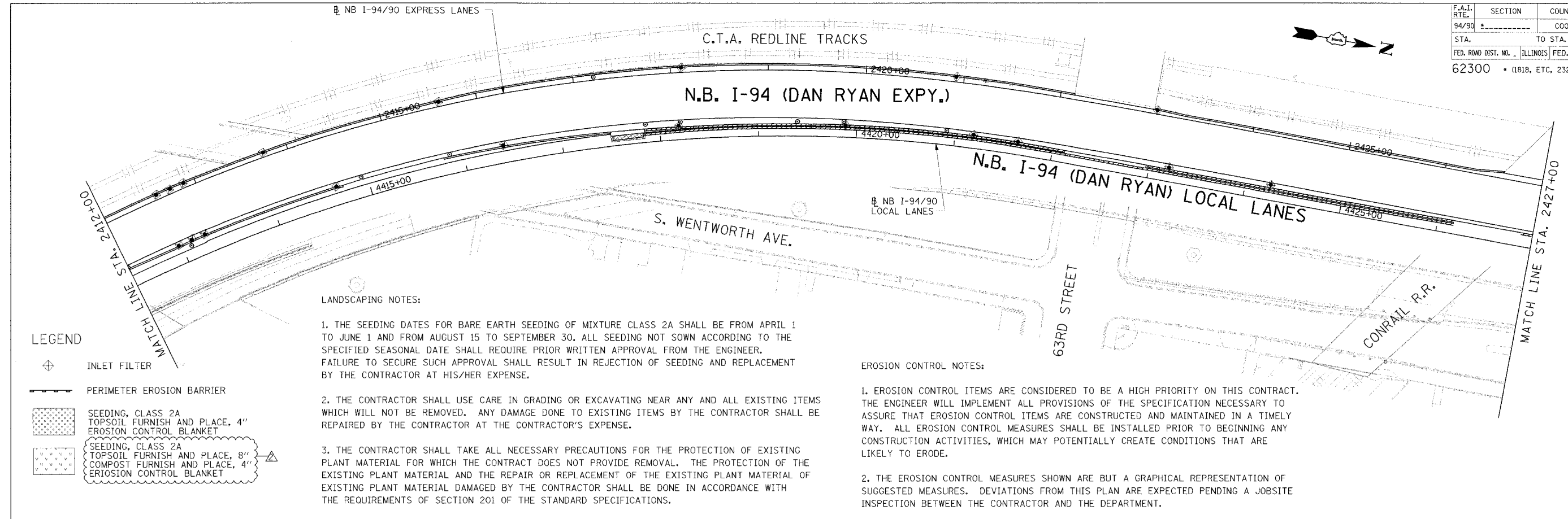
**Edwards AND Kelcey**  
 ONE NORTH FRANKLIN  
 CHICAGO, IL 60606  
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 FAX: (312) 251-3015  
 WEB: WWW.EKCORP.COM

REVISIONS		DATE
NAME		
ADDENDUM 2		9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 EROSION CONTROL  
 AND LANDSCAPING PLAN  
 NORTHBOUND STA. 2382+00 TO STA. 2412+00  
 SCALE: 1"=50'  
 DATE: 7/7/05  
 DRAWN BY: TAI  
 CHECKED BY: PJM

09/14/2005 04:38 PM  
 ERO-2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	111
STA.	TO STA.			
62300	(1818, ETC, 2324.6-1P)R-8			



**LEGEND**

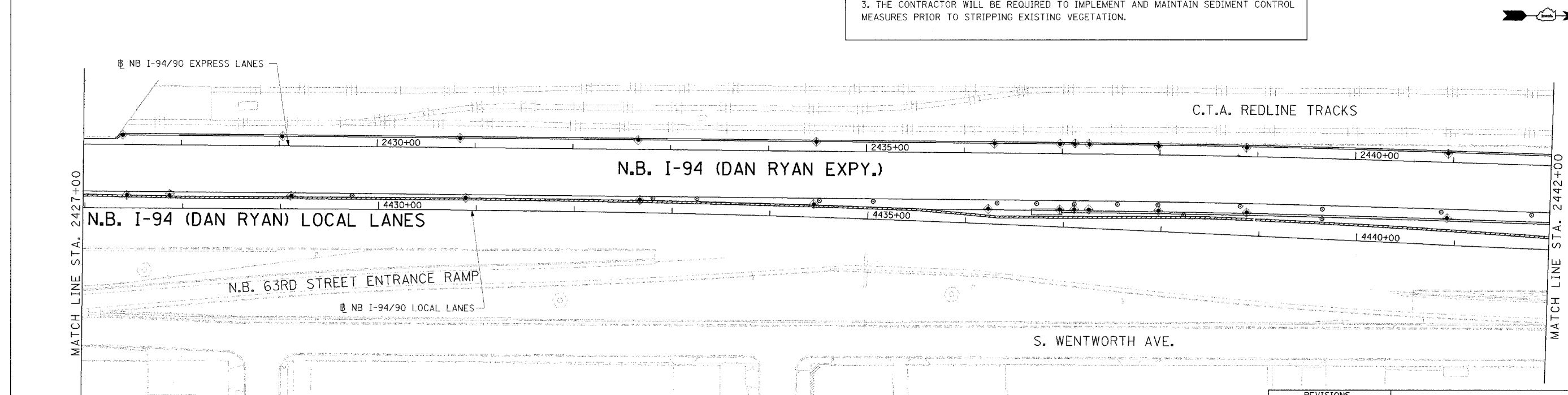
- INLET FILTER
- PERIMETER EROSION BARRIER
- SEEDING, CLASS 2A  
TOPSOIL FURNISH AND PLACE, 4"  
EROSION CONTROL BLANKET
- SEEDING, CLASS 2A  
TOPSOIL FURNISH AND PLACE, 8"  
COMPOST FURNISH AND PLACE, 4"  
EROSION CONTROL BLANKET

**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.
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3. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.



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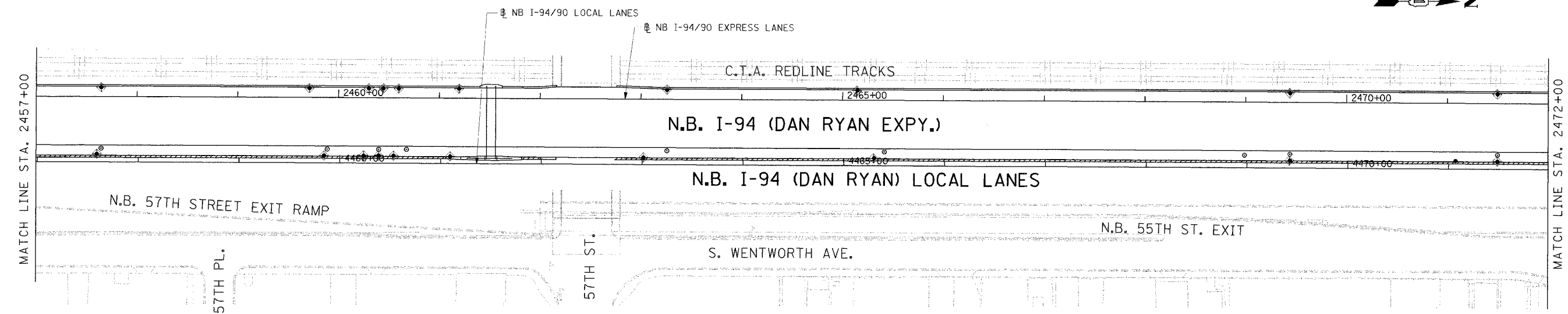
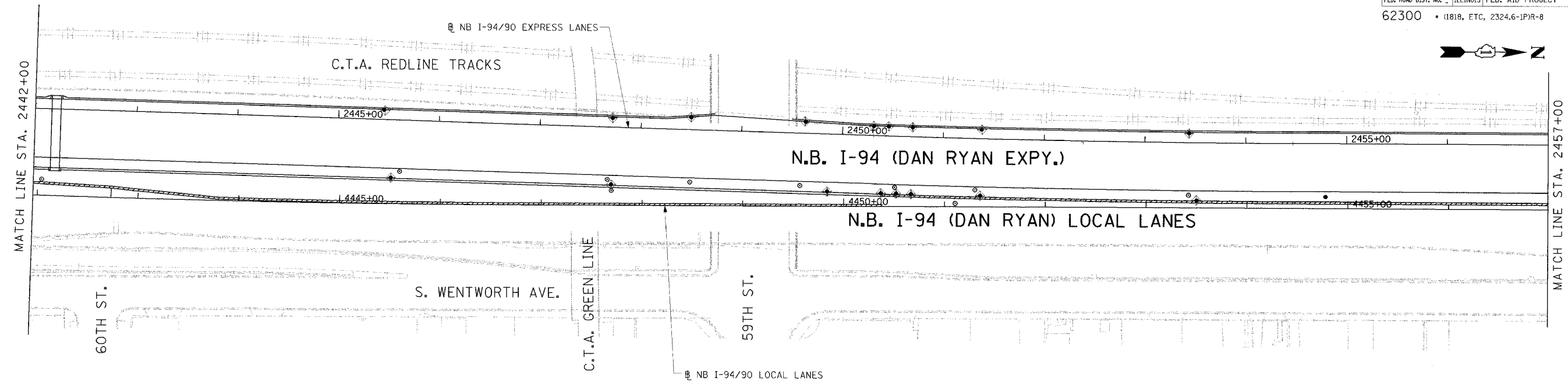
REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 AND LANDSCAPING PLAN  
 NORTHBOUND STA. 2412+00 TO STA. 2442+00  
 SCALE: 1"=50'  
 DATE: 7/1/05  
 DRAWN BY: TAT  
 CHECKED BY: PJM

ERO-3

09/14/2005 04:407 PJM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	112
STA.	TO STA.			
62300	11818, ETC, 2324.6-IP/R-8			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**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.
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**Edwards AND Kelcey**  
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 PHONE: (312) 251-3000  
 FAX: (312) 251-3015  
 WEB: WWW.EDWARDSKELCEY.COM

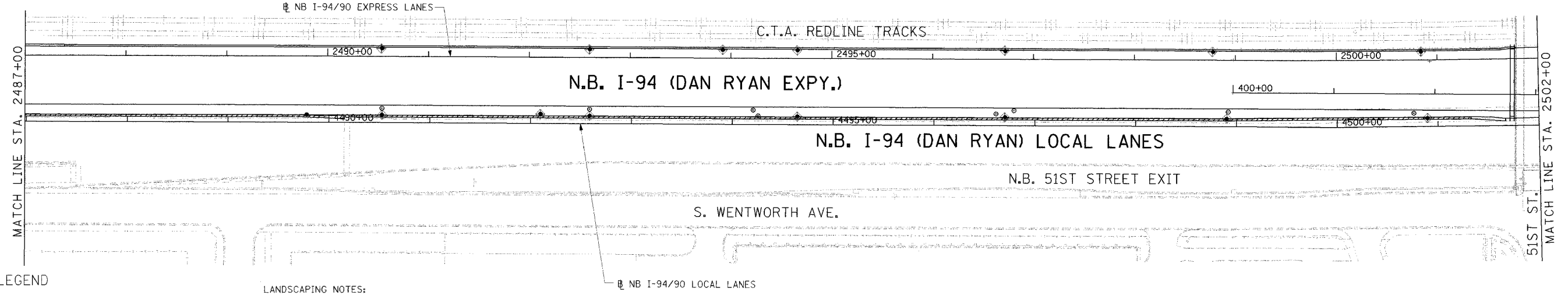
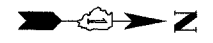
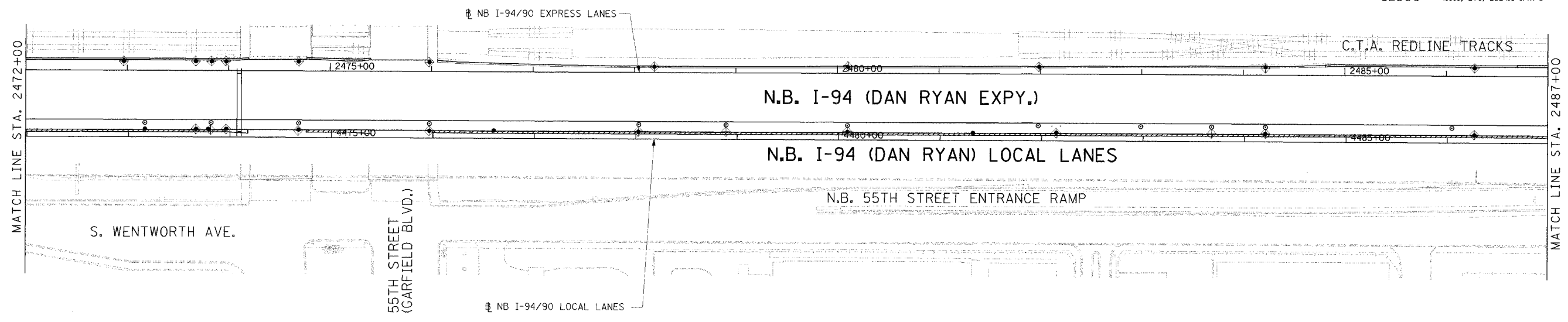
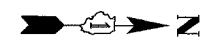
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 AND LANDSCAPING PLAN  
 NORTHBOUND STA. 2442+00 TO STA. 2472+00  
 SCALE: 1"=50'  
 DATE: 7/7/05  
 DRAWN BY: TAI  
 CHECKED BY: PJM

ERO-4

09/14/2005 04:42:26 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	113
STA.	TO STA.			
62300	11818, ETC, 2324.6-1P/R-8			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**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.
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**EROSION CONTROL NOTES:**

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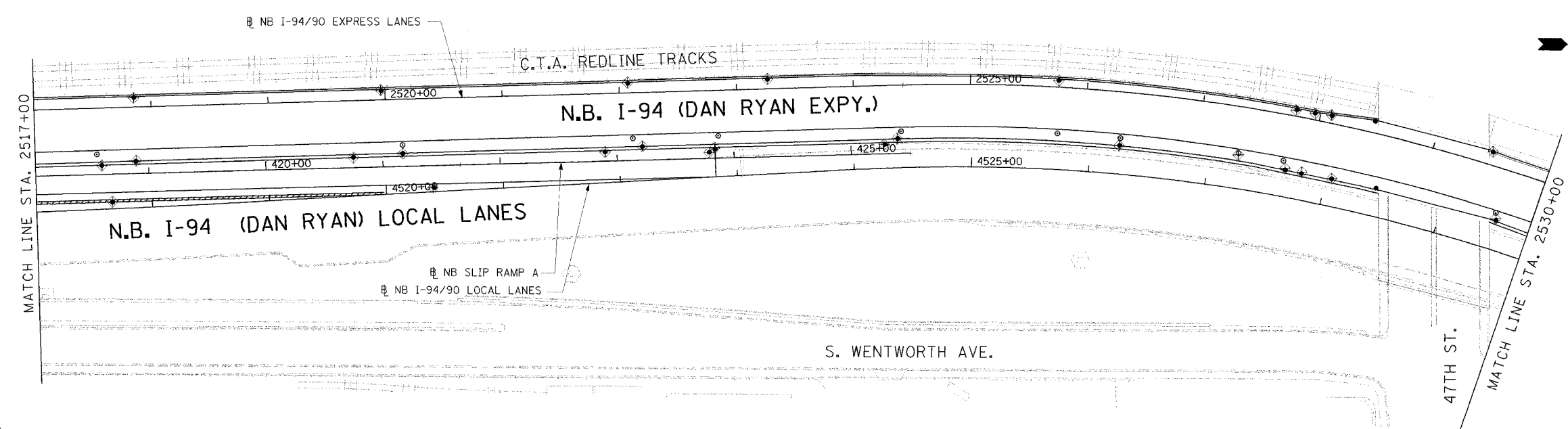
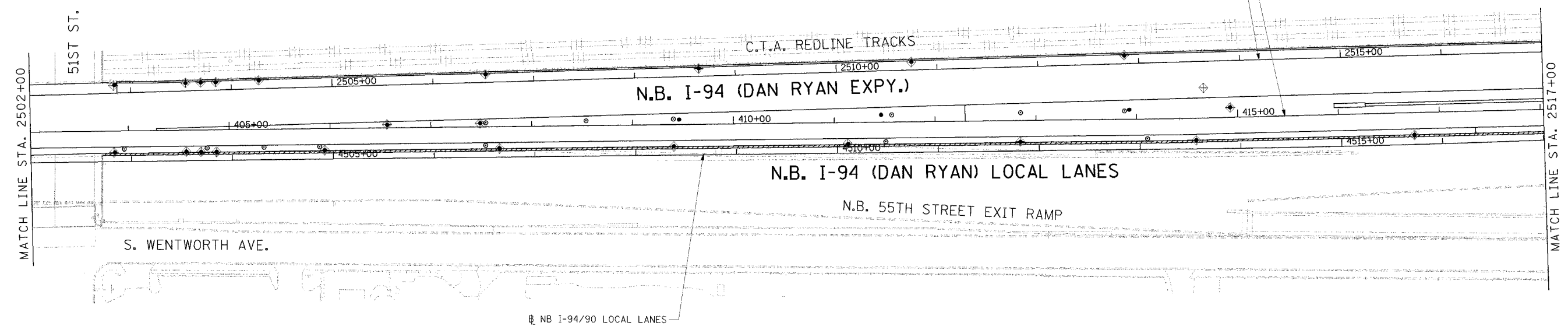
**Edwards AND Kelcey**  
 ONE NORTH FRANKLIN  
 CHICAGO, IL 60606  
 PHONE: (312) 251-3000  
 FAX: (312) 231-3015  
 WEB: WWW.ENCORP.COM

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  
 NB EXPRESS LANE RECONSTRUCTION  
 AND LANDSCAPING PLAN  
 NORTHBOUND STA. 2472+00 TO STA. 2502+00  
 SCALE: 1"=50'  
 DATE: 7/7/05  
 DRAWN BY: TAI  
 CHECKED BY: PJM

ERO-5  
 09/14/2005 04:43 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	114
STA.	TO STA.			
62300	(1818, ETC, 2324.6-IPR-8			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**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  
 NB EXPRESS LANE RECONSTRUCTION  
 EROSION CONTROL  
 AND LANDSCAPING PLAN  
 NORTHBOUND STA. 2502+00 TO STA. 2530+00  
 SCALE: 0' 50' 100'  
 DATE: 7/7/05  
 DRAWN BY:  
 CHECKED BY:

**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	556	115
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		(1818, ETC, 2324.6-1P1R-B		

**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 LOCATIONS 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:**

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

**SUMMARY OF SPECIAL DRAINAGE STRUCTURES**

ITEM	STRUCTURE NUMBER	TYPE	STATION	OFFSET
MAIN DRAIN DROP MANHOLE, NO. 1	DMH 3-01	PROPOSED DROP MANHOLE	2380+11	1' RT
JUNCTION CHAMBER, NO. 1	JC 4-01	JUNCTION CHAMBER TYPE 1	2387+01	4' LT
MAIN DRAIN DROP MANHOLE, NO. 2	DMH 5-01	PROPOSED DROP MANHOLE	2391+41	8' LT
MAIN DRAIN DROP MANHOLE, NO. 3	DMH 6-01	PROPOSED DROP MANHOLE	2398+63	2' LT
JUNCTION CHAMBER, NO. 2	JC 7-01	JUNCTION CHAMBER TYPE 1	2407+35	3' LT
MAIN DRAIN DROP MANHOLE, NO. 4	DMH 8-01	PROPOSED DROP MANHOLE	2411+68	4' LT
MAIN DRAIN DROP MANHOLE, NO. 5	DMH 9-01	PROPOSED DROP MANHOLE	2417+25	4' RT
JUNCTION CHAMBER, NO. 3	JC 10-01	JUNCTION CHAMBER TYPE 2	2423+23	2' LT
JUNCTION CHAMBER, NO. 4	JC 11-01	JUNCTION CHAMBER TYPE 2	2429+82	4' LT
JUNCTION CHAMBER, NO. 5	JC 13-01	JUNCTION CHAMBER TYPE 2	2437+54	8' LT
JUNCTION CHAMBER, NO. 6	JC 14-01	JUNCTION CHAMBER TYPE 2	2445+54	16' LT
JUNCTION CHAMBER, NO. 7	JC 15-01	JUNCTION CHAMBER TYPE 2	2450+62	8' LT
JUNCTION CHAMBER, NO. 8	JC 17-01	JUNCTION CHAMBER TYPE 2	2460+76	8' LT
JUNCTION CHAMBER, NO. 9	JC 17-02	JUNCTION CHAMBER TYPE 2	2465+33	7' LT
JUNCTION CHAMBER, NO. 10	JC 22-01	JUNCTION CHAMBER TYPE 2	2494+18	5' LT
JUNCTION CHAMBER, NO. 11	JC 25-01	JUNCTION CHAMBER TYPE 2	2510+45	6' LT
JUNCTION CHAMBER, NO. 12	JC 26-01	JUNCTION CHAMBER TYPE 2	2517+50	7' LT
JUNCTION CHAMBER, NO. 13	JC 27-01	JUNCTION CHAMBER TYPE 2	2522+92	5' LT
	DMH 29-01	EX. DROP MANHOLE	2534+68	9' LT
	DMH 30-01	EX. DROP MANHOLE	2540+70	6' LT
	DMH 32-01	EX. DROP MANHOLE	2548+69	3' LT
	DMH 34-01	EX. DROP MANHOLE	2560+34	5' LT
	DMH 34-02	EX. DROP MANHOLE	2564+74	3' LT
	DMH 36-01	EX. DROP MANHOLE	2572+66	4' LT
	DMH 39-01	EX. DROP MANHOLE	2592+12	8' LT
	DMH 40-01	EX. DROP MANHOLE	2600+96	8' LT
	DMH 46-01	EX. DROP MANHOLE	2637+79	8' LT

SEE STRUCTURAL DRAWINGS FOR DETAILS OF EXISTING MAIN DRAIN DROP MANHOLES AND PROPOSED JUNCTION CHAMBERS  
SEE CONTRACT 62302 FOR ADDITIONAL SPECIAL DRAINAGE STRUCTURES

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  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE NOTES & LEGEND  
SCALE: 1"=N.T.S. DRAWN BY: JAM  
DATE: 07/07/05 CHECKED BY: DDM

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

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EXISTING DRAINAGE STRUCTURE SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	117
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		* (18)8, ETC. 2324.6-IPR-8		

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
2450+47	9 LT		1				
2450+55	53 RT	1					
2451+08	52 RT	1					
2451+14	7 LT		1				
2451+14	56 RT		1				
2453+45	50 RT	1					
2453+50	8 LT		1				
2453+50	55 RT		1				
2457+60	7 LT		1				
2457+60	55 RT		1				
2457+64	52 RT	1					
2459+88	8 LT		1				
2459+88	55 RT		1				
2459+92	52 RT	1					
2460+45	7 LT		1				
2460+45	55 RT		1				
2460+57	8 LT		1				
2460+70	52 RT	1					
2461+02	52 RT	1					
2461+10	8 LT		1				
2461+10	55 RT		1				
2462+94	8 LT		1				
2463+09	52 RT	1					
2463+56	6 LT	1					
2463+68	52 RT	1					
2465+20	8 LT		1				
2465+37	57 RT		1				
2465+42	52 RT	1					
2468+95	7 LT		1				
2468+99	57 RT		1				
2469+11	52 RT	1					
2471+03	7 LT		1				
2471+20	52 RT	1					
2473+16	7 LT		1				
2473+37	52 RT	1					
2473+73	5 LT	1					
2473+80	9 LT		1				
2473+80	57 RT		1				
2476+08	10 LT	1					
2476+60	5 LT		1				
2476+60	55 RT		1				
2476+68	5 LT	1					
2476+68	52 RT	1					
2478+10	52 RT	1					
2478+86	3 LT		1				
2478+99	52 RT	1					
2480+00	5 LT		1				
2481+33	3 LT	1					
2481+72	54 RT	1					
2482+00	2 LT		1				
2482+00	63 RT	1					
2482+35	5 LT	1					
2482+98	52 RT		1				
2483+18	5 LT		1				
2483+63	52 RT	1					
2483+70	57 RT		1				
2485+01	6 LT		1				
2485+99	53 RT	1					
2486+03	7 LT		1				
2489+83	7 LT		1				
2491+07	5 LT	1					
2492+11	57 RT		1				
2492+12	7 LT		1				
2492+20	52 RT	1					
2493+91	4 LT	1					

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
2494+22	54 RT	1					
2494+30	55 RT		1				
2494+40	7 LT		1				
2496+63	7 LT		1				
2496+63	57 RT		1				
2496+71	52 RT	1					
2498+85	7 LT		1				
2498+90	57 RT		1				
2499+01	52 RT	1					
2500+72	52 RT	1					
2500+88	7 LT		1				
2500+88	2 LT		1				
2500+92	56 RT		1				
2502+88	7 LT		1				
2502+93	55 RT	1					
2503+68	57 RT		1				
2503+72	7 LT		1				
2503+73	52 RT	1					
2504+27	7 LT		1				
2504+31	57 RT		1				
2504+35	7 LT		1				
2504+44	52 RT	1					
2504+44	62 RT			1			
2507+34	7 LT		1				
2509+00	7 LT		1				
2509+01	67 RT	1					
2510+86	7 LT		1				
2511+00	3 LT	1					
2511+00	41 RT			1			
2511+00	50 RT			1			
2511+07	44 RT	1					
2511+72	50 RT	1					
2511+79	55 RT			1			
2512+89	7 LT		1				
2513+00	62 RT			1			
2513+04	56 RT	1					
2513+84	6 LT	1					
2514+35	66 RT			1			
2516+91	67 RT			1			
2517+33	8 LT		1				
2517+46	40 RT	1					
2517+57	45 RT		1				
2517+62	67 RT			1			
2519+38	65 RT			1			
2520+32	45 RT		1				
2520+38	40 RT	1					
2520+38	63 RT			1			
2520+44	7 LT		1				
2521+70	60 RT			1			
2521+75	41 RT	1					
2522+73	7 LT		1				
2522+73	46 RT		1				
2522+73	57 RT			1			
2522+86	40 RT	1					
2524+28	7 LT	1					
2524+28	45 RT	1					
2525+75	6 LT	1					
2525+75	36 RT			1			
2526+85	6 LT	1					
2527+36	38 RT	1					
2527+65	42 RT	1					
2528+14	7 LT		1				
2528+14	37 RT			1			
2528+20	42 RT	1					
2529+74	4 LT	1					

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
2454+78	50 RT	1					
2481+33	57 RT		1				
2489+78	57 RT		1				
2489+87	52 RT	1					
2507+50	63 RT	1					



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

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  
NB EXPRESS LANE RECONSTRUCTION

DRAINAGE SCHEDULE  
EXISTING DRAINAGE STRUCTURE REMOVAL

SCALE: 1" = N.T.S. DRAWN BY: MJD  
DATE: 7/1/05 CHECKED BY: LPN

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EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
2598+69.4	4.3' LT	1					
2598+76.6	7.5' LT					1	
2600+28.8	58.2' RT		1				
2600+29.1	66.9' RT						1
2600+19.3	3.4' LT	1					
2600+19.1	10.8' LT	1					
2600+28.5	7.8' LT		1				
2602+08.7	58.2' RT		1				
2602+08.8	67.0' RT						1
2601+99.6	52.4' RT	1					
2601+99.4	3.4' LT	1					
2602+08.8	7.5' LT		1				
2602+16.9	7.9' LT				1		
2604+08.8	57.9' RT		1				
2604+09.1	67.1' RT						1
2603+99.5	51.9' RT	1					
2603+99.5	4.2' LT	1					
2604+09.0	7.6' LT		1				
2606+11.2	58.3' RT		1				
2606+09.2	67.1' RT						1
2606+00.0	52.7' RT	1					
2606+00.0	3.6' LT	1					
2606+09.8	7.6' LT		1				
2606+15.3	7.8' LT				1		
2607+41.9	58.0' RT		1				
2607+39.6	67.2' RT						1
2607+30.1	51.9' RT	1					
2607+29.7	3.6' LT	1					
2607+35.2	7.6' LT		1				
2607+61.9	7.7' LT				1		
2607+71.1	56.3' RT	1					
2607+99.4	7.8' LT				1		
2604+15.1	7.9' LT				1		
2608+32.2	58.2' RT		1				
2608+21.9	58.1' RT		1				
2608+09.8	52.4' RT	1					
2608+09.8	3.6' LT	1					
2608+31.9	7.5' LT		1				
2608+15.4	7.5' LT		1				
2609+68.7	58.1' RT		1				
2609+70.3	66.9' RT						1
2609+79.8	55.6' RT	1					
2609+79.8	4.2' LT	1					
2609+70.0	0.9' LT					1	

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
2610+14.0	2.8' LT					1	
2611+14.4	4.7' LT				1		
2611+75.6	57.9' RT		1				
2611+75.7	67.2' RT						1
2611+66.7	54.2' RT	1					
2611+67.0	2.0' LT	1					
2611+78.9	1.9' LT					1	
2613+00.3	2.9' LT				1		
2613+89.8	58.0' RT		1				
2613+88.9	66.8' RT						1
2613+79.3	55.0' RT				1		
2613+79.6	2.9' LT				1		
2614+07.4	3.8' LT					1	
2617+36.3	58.2' RT		1				
2617+37.8	66.5' RT						1
2617+47.3	54.4' RT	1					
2617+47.6	4.0' LT	1					
2617+16.1	4.2' LT					1	
2615+72.7	2.3' LT				1		
2618+39.6	2.5' LT				1		
2619+54.5	57.9' RT		1				
2619+55.0	67.0' RT						1
2619+65.2	54.6' RT	1					
2619+65.1	4.9' LT	1					
2619+45.9	5.9' LT		1				
2620+76.3	2.4' LT				1		
2621+70.1	1.0' LT		1				
2621+61.2	2.4' LT					1	
2621+69.7	58.0' RT		1				
2621+70.0	66.7' RT						1
2621+80.2	54.8' RT	1					
2620+99.9	54.9' RT				1		
2622+99.7	57.8' RT		1				
2623+04.5	66.7' RT						1
2623+06.9	57.7' RT		1				
2623+16.6	50.8' RT	1					
2623+21.5	7.3' LT		1				
2623+14.3	6.2' LT	1					
2623+00.1	8.1' LT	1					
2622+95.3	1.2' LT			1			
2623+04.8	1.1' LT		1				
2624+41.1	57.7' RT		1				
2624+40.9	66.7' RT						1
2624+29.9	51.9' RT	1					
2624+40.9	1.3' LT		1				

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
2624+25.0	7.9' LT			1			
2624+28.6	3.1' LT	1					
2625+03.1	4.4' LT				1		
2626+66.9	58.5' RT		1				
2626+66.1	66.6' RT						1
2626+50.5	51.9' RT	1					
2626+62.4	7.8' LT					1	
2626+51.1	5.0' LT	1					
2626+77.3	6.5' LT				1		
2628+98.6	6.7' LT				1		
2630+78.3	6.4' LT				1		
2630+96.9	8.0' LT		1				
2630+97.4	57.8' RT		1				
2630+96.9	67.0' RT						1
2631+08.1	51.7' RT	1					
2632+54.0	7.6' LT		1				
2632+48.9	57.8' RT		1				
2532+52.4	66.8' RT						1
2632+63.0	51.4' RT	1					
2632+76.3	6.3' LT				1		
2633+98.9	58.2' RT					1	
2634+05.4	57.8' RT		1				
2634+06.9	66.6' RT						1
2634+16.6	51.4' RT	1					
2634+08.6	8.1' LT		1				
2634+50.7	6.7' LT				1		
2634+96.9	8.1' LT					1	
2635+62.6	8.9' LT					1	
2635+62.5	2.1' LT					1	
2635+62.3	49.0' RT		1				
2635+66.6	56.4' RT					1	
2635+73.3	51.6' RT	1					
2636+56.8	11.2' LT					1	
2636+49.1	9.5' LT				1		
2636+43.1	10.0' LT		1				
2636+55.0	1.6' LT					1	
2636+64.5	50.8' RT	1					
2636+46.2	57.6' RT		1				
2636+54.6	57.8' RT		1				
2636+55.4	66.7' RT						1
2637+51.0	66.6' RT						1

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
2608+20.1	67.1' RT						1
2608+29.8	66.8' RT						1
2637+79.3	8.2' LT						1
TOTALS		212	265	47	37	32	51

\* EXISTING DROP MANHOLE

BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
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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  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE SCHEDULES  
EXISTING DRAINAGE STRUCTURES

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

DS-04

09/15/2005 09:46:05 AM



EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	CB ADJ NEW TIF OL	MAN ADJ NEW TIF CL	INLET ADJ NEW TIF OL
2368+17.0	4.0' LT		1	
2372+56.0	7.0' LT		1	
2372+58.0	3.0' LT		1	
2380+10.0	1.0' RT		1	
2383+12.0	5.0' LT		1	
2386+75.0	8.0' LT		1	
2387+04.0	8.0' LT		1	
2388+00.0	36.0' RT		1	
2391+25.0	3.0' LT		1	
2391+38.0	10.0' LT		1	
2398+62.0	1.0' LT		1	
2398+65.0	5.0' LT		1	
2411+57.0	3.0' LT		1	
2411+67.0	4.0' LT		1	
2417+25.0	6.0' RT		1	
2423+22.0	2.0' LT		1	
2423+22.0	58.0' RT			1
2423+32.0	55.0' RT			1
2424+28.0	58.0' RT			1
2424+38.0	54.0' RT			1
2427+85.0	48.0' RT	1		
2427+85.0	57.0' RT			1
2429+80.0	5.0' LT		1	
2431+42.0	46.0' RT	1		
2437+54.0	7.0' LT		1	
2445+52.0	15.0' LT		1	
2450+60.0	7.0' LT		1	
2455+64.0	8.0' LT		1	
2457+52.0	60.0' RT			1
2459+96.0	60.0' RT			1
2460+38.0	60.0' RT			1
2460+48.0	60.0' RT	1		
2460+72.0	7.0' LT		1	
2461+18.0	60.0' RT			1
2463+11.0	62.0' RT			1
2465+33.0	6.0' LT		1	
2465+66.0	60.0' RT			1
2471+06.0	57.0' RT	1		
2473+16.0	56.0' RT	1		
2473+20.0	5.0' LT		1	
2473+72.0	54.0' RT		1	
2478+12.0	4.0' LT		1	
2478+90.0	57.0' RT	1		

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	CB ADJ NEW TIF OL	MAN ADJ NEW TIF CL	INLET ADJ NEW TIF OL
2482+98.0	6.0' LT		1	
2486+06.0	58.0' RT	1		
2486+14.0	62.0' RT			1
2488+62.0	5.0' LT		1	
2489+73.0	62.0' RT			1
2494+18.0	4.0' LT		1	
2496+49.0	4.0' LT		1	
2499+01.0	5.0' LT		1	
2502+98.0	60.0' RT			1
2503+82.0	62.0' RT			1
2504+44.0	5.0' LT		1	
2507+31.0	70.0' RT			1
2509+07.0	73.0' RT		1	
2510+41.0	80.0' RT	1		
2510+43.0	4.0' LT		1	
2510+48.0	100.0' RT	1		
2517+50.0	5.0' LT		1	
2522+90.0	6.0' LT		1	
2527+73.0	7.0' LT		1	
2534+66.4	8.6' LT			1
2535+24.1	14.7' LT	1		
2540+70.2	14.5' LT	1		
2540+68.4	5.7' LT			1
2540+59.2	51.9' RT	1		
2541+04.8	82.8' RT	1		
2542+66.4	99.1' RT		1	
2543+53.5	97.5' RT		1	
2544+69.5	90.6' RT		1	
2544+73.6	12.6' LT		1	
2545+78.9	11.9' LT	1		
2548+71.7	3.1' LT			1
2548+83.3	11.5' RT	1		
2548+91.7	11.6' LT		1	
2551+79.2	11.9' LT	1		
2555+59.4	12.1' LT	1		
2556+80.1	12.4' LT	1		
2560+31.8	5.0' LT			1
2564+75.9	3.0' LT			1
2565+55.8	11.8' LT	1		
2567+75.1	10.8' LT	1		

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	CB ADJ NEW TIF OL	MAN ADJ NEW TIF CL	INLET ADJ NEW TIF OL
2570+41.4	10.9' LT	1		
2572+27.9	63.1' RT		1	
2575+08.5	54.2' RT	1		
2572+64.4	4.1' LT			1
2579+60.2	10.6' LT	1		
2582+12.3	13.4' LT	1		
2583+95.9	10.7' LT		1	
2586+04.4	10.6' LT	1		
2588+05.1	10.7' LT	1		
2590+02.6	10.7' LT	1		
2591+69.4	10.8' LT	1		
2592+11.7	7.5' LT			1
2594+29.4	10.9' LT	1		
2597+79.3	11.0' LT	1		
2600+28.5	52.4' RT	1		
2600+96.5	7.7' LT			1
2602+09.1	11.0' LT	1		
2604+09.0	11.8' LT	1		
2605+37.3	6.8' LT		1	
2606+10.1	11.7' LT	1		
2607+35.2	11.2' LT			1
2608+31.9	10.9' LT			1
2608+15.4	11.3' LT			1
2609+78.8	14.8' LT			1
2611+78.9	13.5' LT			1
2623+00.4	14.9' LT	1		
2624+39.6	11.6' LT			1
2625+12.6	12.7' LT	1		
2626+49.6	12.9' LT	1		
2628+03.7	52.5' RT		1	
2631+59.8	12.9' LT	1		
2632+54.0	11.7' LT			1
2633+39.6	13.1' LT	1		
2633+98.4	12.8' LT	1		
2634+35.2	62.9' RT		1	
2636+56.4	18.0' LT	1		
2637+59.2	55.5' RT		1	
2637+50.7	57.5' RT	1		
2637+49.0	11.7' LT	1		
TOTAL		43	36	23

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\* EXISTING DROP MANHOLE

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  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE SCHEDULES  
STRUCTURES ADJUSTMENTS  
SCALE: 1"=N.T.S.  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

DS-05  
09/14/2005

EXISTING STORM SEWER SCHEDULE

F.A.I. SECTION COUNTY TOTAL SHEET SHEET  
 94/90 \* COOK 556 121  
 STA. TO STA.  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT  
 62300 \* (1818, ETC, 2324.6-1)PR-8

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)
2368+65	5 LT		2368+17	4' LT					45							14.6
2368+74	3 LT		2368+65	5 LT		6										0
2368+74	6 LT		2368+65	5 LT		6										0
2368+74	51 RT		2368+74	3 LT		53										0
2369+87	5 LT		2368+65	5 LT			115									33.7
2370+50	5 LT		2369+87	5 LT			56									16.4
2370+58	6 LT		2370+50	5 LT			5									1.3
2370+59	3 LT		2370+50	5 LT			5									1.3
2371+00	6 LT		2370+58	6 LT			35									0
2370+61	54 RT		2370+58	6 LT			54									0
2372+39	1 LT		2372+56	7 LT						13						2.8
2372+39	4 LT		2372+39	1 LT		2										0.5
2372+75	4 LT		2372+56	7 LT							15					8.4
2372+43	57 RT		2372+39	1 LT							55					16.3
2375+64	1 LT		2372+75	4 LT				283								134.9
2375+74	5 RT		2375+64	1 LT			7									2.5
2375+74	55 RT		2375+74	5 RT			47									15.7
2376+01	1 LT		2375+64	1 LT				32								0
2377+98	53 RT		2377+98	6 RT			45									17
2377+98	6 RT		2378+24	1 LT			22									8.8
2378+24	1 LT		2379+85	0					164							95.7
2379+85	55 RT		2379+85	0			45									38.3
2379+85	0		2380+10	1 RT						18						0
2381+48	3 LT		2380+11	2 RT						128						0
2381+43	4 LT		2381+48	3 LT					2							0
2381+48	52 RT		2381+43	4 LT			52									16.2
2383+10	8 LT		2381+44	5 LT					158							31.1
2383+22	52 RT		2383+10	8 LT			53									13.5
2384+57	7 LT		2383+11	9 LT					141							49.4
2384+77	7 LT		2384+57	7 LT				9								0
2384+77	48 RT		2384+77	7 LT			54									15.1
2386+10	83 RT		2385+98	52 RT			33									9.2
2385+98	52 RT		2386+32	1 LT			56									17.4
2386+32	1 LT		2386+75	8 LT			39									14.3
2387+30	60 RT		2386+76	9 LT			83									12.9
2388+98	80 RT		2388+98	8 LT			86									8.6
2388+98	8 LT		2389+80	8 LT			69									6.9
2389+80	8 LT		2390+60	8 LT				84								7.2
2389+91	89 RT		2390+12	84 RT			41									11.8
2390+60	8 LT		2391+28	10 LT					63							1.9
2391+10	45 RT		2391+15	59 RT			11									2
2391+38	45 RT		2391+38	2 LT			48									0
2391+38	56 RT		2391+38	45 RT			7									0
2392+80	5 LT		2391+38	10 LT						131						0
2393+00	5 LT		2392+80	5 LT						17						0
2393+09	49 RT		2393+10	4 LT			50									0
2393+10	4 LT		2393+00	5 LT			4									0
2394+30	8 LT		2393+01	6 LT					131							0
2395+35	8 LT		2394+30	8 LT			93									0
2396+30	8 LT		2397+10	8 LT			102									6.3
2397+15	65 RT		2397+15	2 LT			63									8.4
2397+10	8 LT		2398+48	2 LT				123								12
2397+20	60 RT		2397+15	65 RT			3									0.7
2399+14	8 LT		2398+48	2 LT				41								44.4
2399+32	10 LT		2399+14	8 LT			19									21.5
2400+64	77 RT		2401+00	0			83									101
2401+00	0		2401+68	5 LT			60									72
2401+68	5 LT		2403+28	6 LT				153								225.8
2402+32	3 LT		2402+32	8 LT			5									5.9
2403+08	1 LT		2403+28	6 LT			15									17.2
2403+28	6 LT		2403+78	7 LT					48							79.1
2403+78	1 LT		2403+78	7 LT			5									7
2403+78	7 LT		2405+83	3 LT					201							312.7

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)
2404+55	0		2404+55	6 LT		5										6.9
2407+44	82 RT		2407+44	2 LT			137									143.9
2407+44	2 LT		2408+68	3 LT				121								165.6
2408+68	48 RT		2408+68	3 LT		47										38.9
2408+68	3 LT		2409+91	4 LT					119							156.5
2409+83	62 RT		2409+91	40 RT			22									7.3
2410+76	57 RT		2409+91	40 RT		80										19.9
2409+91	40 RT		2409+91	4 LT			40									17
2409+91	4 LT		2411+57	3 LT				159								190
2411+75	48 RT		2412+00	50 RT		19										0
2412+11	41 RT		2412+00	50 RT		9										2
2412+00	50 RT		2411+67	4 LT			58									16
2412+07	10 RT		2411+67	4 LT						45						121
2412+60	53 RT		2412+73	53 RT		13										5
2412+73	53 RT		2413+00	53 RT		21										8
2413+20	2 LT		2412+07	10 RT						108						156
2413+20	42 RT		2413+20	2 LT			39									38
2414+95	5 LT		2413+20	2 LT				172								223
2415+02	57 RT		2414+95	5 LT		59										48
2415+45	42 RT		2415+79	58 RT		38										0
2416+38	38 RT		2415+79	58 RT		53										3
2415+79	58 RT		2416+04	3 LT			62									11
2416+04	3 LT		2417+40	3 LT			136									73
2417+14	38 RT		2417+25	45 RT		11										2
2417+25	45 RT		2417+40	3 LT			48									24
2417+90	3 LT		2418+05	54 RT			59									3
2418+31	58 RT		2418+27	39 RT		17										1
2418+27	39 RT		2418+35	0		38										10
2418+35	0		2417+40	3 LT				87								124
2418+42	5 LT		2418+35	0		5										4
2418+45	2 RT		2418+35	0			5									5
2419+19	38 RT		2418+45	2 RT			79									36
2419+30	43 RT		2419+19	38 RT			19									5
2419+68	2 LT		2418+35	0				127								150
2420+15	40 RT		2419+68	2 LT		67										10
2420+83	2 LT		2419+68	2 LT				115								109
2421+17	38 RT		2420+83	2 LT		50										9
2421+17	58 RT		2421+17	38 RT		16										1
2422+02	53 RT		2422+07	3 LT		60										29
2422+07	3 LT		2423+22	2 LT				105								128
2423+22	58 RT		2423+22	41 RT		17										0
2423+22	41 RT		2423+22	2 LT		45										0
2424+28	1 LT		2423+22	2 LT						106						127
2424+28	46 RT		2424+28	1 LT				47								47
2424+35	50 RT		2424+35	2 LT		54										16
2426+04	45 RT		2424+28	46 RT				178								96
2426+43	3 LT		2426+04	45 RT		62										23
2427+85	4 LT		2427+90	45 RT		50										106
2427+85	48 RT		2427+90	45 RT		11										24
2427+90	45 RT		2427+88	4 LT			181									416
2429+62	5 LT		2429+75	44 RT		52										10

EXISTING STORM SEWER SCHEDULE

F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *	COOK	556	122
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
62300		0818, ETC, 2324.6-1PIR-8	

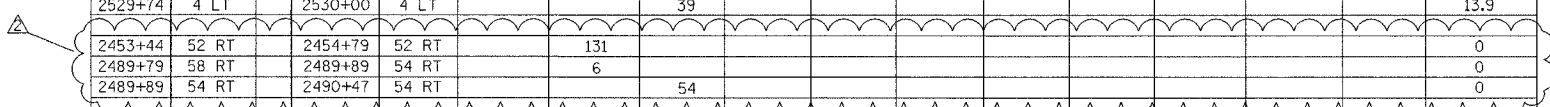
STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
2436+73	8 LT		2436+84	40 RT		50										16.1
2436+85	50 RT		2436+73	52 RT		7										2.2
2436+73	52 RT		2436+73	44 RT		7										2.3
2436+73	44 RT		2436+84	40 RT		12										4.2
2436+84	40 RT		2437+54	40 RT							72					39.5
2437+44	43 RT		2437+35	8 LT		55										18.3
2437+65	48 RT		2437+55	52 RT		7										2.4
2437+54	40 RT		2437+54	7 LT							49					0
2438+18	38 RT		2437+54	40 RT				63								35.9
2438+22	10 LT		2438+18	38 RT		50										18.1
2438+25	59 RT		2438+25	52 RT		7										2.4
2438+25	52 RT		2438+25	42 RT		7										2.6
2438+24	48 RT		2438+25	52 RT		7										2.4
2438+25	42 RT		2438+18	38 RT		10										3.9
2439+74	36 RT		2438+18	38 RT				156								95
2439+60	60 RT		2439+74	36 RT				24								21.8
2440+11	44 RT		2440+01	48 RT		7										3.5
2440+01	48 RT		2439+74	36 RT		27										21.9
2439+80	11 LT		2439+74	36 RT		51										25.4
2440+89	33 RT		2439+74	36 RT		113										102.6
2440+89	56 RT		2440+89	33 RT		23										20.9
2441+78	15 LT		2441+78	35 RT		54										24.6
2442+07	70 RT		2442+00	42 RT				28								14
2442+00	42 RT		2441+78	35 RT				22								11.7
2441+78	35 RT		2441+88	32 RT				3								1.6
2441+88	32 RT		2445+52	30 RT							368					412.3
2445+54	51 RT		2445+52	30 RT		18										16.1
2445+63	16 LT		2445+52	30 RT		43										36.3
2445+52	30 RT		2445+63	16 LT												54.6
2446+21	28 RT		2445+52	30 RT		68										57.4
2447+05	12 LT		2445+63	16 LT							141					98.2
2447+75	10 LT		2447+05	12 LT					71							31.3
2447+71	53 RT		2447+75	10 LT				66								24.2
2447+80	62 RT		2447+71	53 RT				13								4.6
2447+72	63 RT		2447+71	53 RT				14								4.8
2448+64	9 LT		2449+93	7 LT		125										57
2449+80	50 RT		2449+85	2 LT		61										27.2
2449+85	2 LT		2449+93	7 LT		5										2.3
2449+93	7 LT		2450+60	7 LT					72							43.9
2450+55	53 RT		2450+60	7 LT							64					42.7
2451+08	52 RT		2450+55	53 RT					54							32.2
2451+14	56 RT		2451+08	52 RT		7										3.2
2451+14	7 LT		2451+08	52 RT		63										26.1
2453+45	50 RT		2451+08	52 RT					238							142.5
2453+50	55 RT		2453+45	50 RT				7								6
2453+50	8 LT		2453+45	50 RT		61										29.7
2453+50	66 RT		2453+50	55 RT				11								6
2457+60	7 LT		2457+64	52 RT		62										28.9
2457+60	55 RT		2457+64	52 RT				5								4.4
2457+64	52 RT		2459+92	52 RT				228								131
2459+88	8 LT		2459+92	52 RT		63										25.5
2459+88	55 RT		2459+92	52 RT		5										2.2
2459+92	52 RT		2460+70	52 RT							81					54
2460+45	55 RT		2460+48	60 RT		7										3
2460+48	60 RT		2460+70	52 RT		27										12.3
2460+70	52 RT		2460+72	7 LT							61					0
2460+45	7 LT		2460+72	7 LT					15							7
2461+02	52 RT		2460+70	52 RT		32										14.6
2461+10	8 LT		2461+02	52 RT		62										24.4
2461+10	55 RT		2461+02	52 RT		7										3
2462+94	8 LT		2463+09	52 RT				64								17.8
2462+94	55 RT		2463+09	52 RT				9								2.6
2463+09	52 RT		2463+68	52 RT							58					35.2

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)
2463+68	52 RT		2463+68	52 RT		61										12.7
2463+68	52 RT		2465+42	52 RT											173	0
2465+37	57 RT		2465+42	52 RT		5										4.9
2465+42	52 RT		2465+33	6 LT												0
2465+20	8 LT		2465+33	6 LT		4							60			3.3
2468+99	57 RT		2469+11	52 RT				13								0
2468+95	7 LT		2469+11	52 RT		63										0
2469+11	52 RT		2471+20	52 RT					208							61
2471+03	7 LT		2471+20	52 RT		63										0
2471+06	57 RT		2471+20	52 RT				12								2
2471+20	52 RT		2473+37	52 RT						221						0
2473+16	7 LT		2473+16	56 RT		66										0
2473+16	56 RT		2473+37	52 RT		21										4.6
2473+37	52 RT		2473+20	5 LT										61		32.5
2473+80	57 RT		2473+37	52 RT				42								13.9
2473+80	9 LT		2473+20	5 LT						92						38.2
2476+08	10 LT		2476+68	5 LT				63								11.2
2476+68	5 LT		2476+68	52 RT												16.3
2476+60	55 RT		2476+68	52 RT				8								1.2
2476+68	52 RT		2478+10	52 RT					141							67.6
2478+10	52 RT		2478+12	4 LT						58						0
2478+99	52 RT		2478+10	52 RT					88							0
2478+86	3 LT		2478+99	52 RT		59										11
2478+90	57 RT		2478+99	52 RT				4								1.7
2482+00	63 RT		2478+99	52 RT										303		181.5
2480+00	5 LT		2480+10	52 RT				62								0
2481+33	3 LT		2481+33	57 RT				69								0
2481+33	57 RT		2481+72	54 RT				33								3.3
2481+72	54 RT		2482+98	52 RT										124		0
2482+98	52 RT		2482+98	6 LT												39.3
2483+63	52 RT		2482+98	52 RT										64		0
2483+70	57 RT		2483+63	52 RT		5										1
2485+99	53 RT		2483+63	52 RT										236		109.6
2486+03	7 LT		2485+99	53 RT		62										23.1
2486+06	58 RT		2485+99	53 RT				7								2.6
2489+83	7 LT		2489+78	57 RT		62										0
2490+47	54 RT		2492+20	52 RT				154								41.1
2492+11	57 RT		2492+20	52 RT				4								1.1
2492+12	7 LT		2492+20	52 RT		63										0
2492+20	52 RT		2494+22	54 RT										203		68.4
2494+22	54 RT		2494+18	4 LT											60	0
2494+40	7 LT		2494+30	55 RT										66		17.7
2494+30	55 RT		2494+22	54 RT										7		2
2496+63	7 LT		2496+71	52 RT		62										0
2496+63	57 RT		2496+71	52 RT		5										0.5
2496+71	52 RT		2499+01	52 RT										230		125.2
2498+90	57 RT		2499+01	52 RT										5		4.8
2499+01	52 RT		2499+01	5 LT											60	72.1
2498+85	7 LT		2499+01	5 LT		15										

EXISTING STORM SEWER SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	123
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	* (1818, ETC, 2324.6-IPR-8			

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)
2509+01	67 RT		2509+07	73 RT		5										0.9
2509+07	73 RT		2510+41	80 RT							139					181.2
2510+41	80 RT		2510+43	4 LT									87			0
2510+86	7 LT		2511+00	3 LT		14										16.3
2511+00	41 RT		2511+07	44 RT		5										2.2
2511+00	50 RT		2511+07	44 RT		5										2.2
2511+07	44 RT		2511+00	3 LT					50							29.2
2511+00	3 LT		2510+43	4 LT					56							74.7
2511+72	50 RT		2511+07	44 RT					66							39.4
2511+79	55 RT		2511+72	50 RT		10										2
2511+79	73 RT		2511+79	55 RT		18										3.4
2513+04	56 RT		2511+72	50 RT					132							122.2
2512+89	7 LT		2513+04	56 RT			68									31.7
2513+84	6 LT		2512+89	7 LT		94										11.7
2513+07	75 RT		2513+04	56 RT				19								6
2514+35	66 RT		2513+04	56 RT		130										66.1
2516+91	67 RT		2517+62	67 RT		73										6.1
2517+65	81 RT		2517+62	67 RT				14								0
2517+62	67 RT		2517+57	45 RT				28								0
2517+57	45 RT		2517+46	40 RT				18								8.4
2517+46	40 RT		2517+50	5 LT				48								21.1
2517+33	8 LT		2517+50	5 LT		5										1.9
2519+38	65 RT		2520+38	63 RT		101										18.9
2520+40	76 RT		2520+38	63 RT		16										6.1
2520+38	63 RT		2520+32	45 RT				20								10
2520+32	45 RT		2520+38	40 RT				5								2.7
2520+44	7 LT		2520+38	40 RT		49										18.3
2520+38	40 RT		2521+75	41 RT						137						0
2521+70	60 RT		2521+75	41 RT		20										3.9
2521+75	41 RT		2522+86	40 RT						111						0
2522+75	53 RT		2522+73	46 RT					28							10.9
2522+73	46 RT		2522+86	40 RT					7							2.8
2522+86	40 RT		2522+90	6 LT						46						0
2522+73	7 LT		2522+90	6 LT		18										5.2
2524+28	45 RT		2524+28	7 LT		52										2.2
2524+28	7 LT		2525+75	6 LT					148							145.3
2525+75	36 RT		2525+75	6 LT					42							0
2525+75	6 LT		2526+85	6 LT									101			159.4
2526+85	6 LT		2527+73	7 LT										97		165.8
2527+36	38 RT		2527+65	42 RT				32								6.4
2527+65	42 RT		2527+73	7 LT										50		68.6
2528+20	42 RT		2527+65	42 RT						51						32.5
2528+14	37 RT		2528+20	42 RT		5										2.4
2528+50	36 RT		2528+20	42 RT		29										13.2
2529+74	4 LT		2530+00	4 LT				39								13.9
2453+44	52 RT		2454+79	52 RT		131										0
2489+79	58 RT		2489+89	54 RT		6										0
2489+89	54 RT		2490+47	54 RT				54								0



DS-8



REVISIONS		DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) 31ST STREET TO 71ST STREET NB EXPRESS LANE RECONSTRUCTION DRAINAGE SCHEDULE EXISTING STORM SEWER REMOVAL
NAME			
ADDENDUM 2		8/16/05	SCALE: 1" = N.T.S. DATE: 7/7/05 DRAWN BY: MJO CHECKED BY: LPN

09/14/2005 02:42:22 PM











SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 128
STA. 62300		TO STA. (1818, ETC, 2324.6-IPR-8)		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D, TIF OL	CB, TA, 4D, TBG	CB, TA, 4D, T20 F&G	CB, TA, 5D, 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, T, 20 F&G	MH, DROP 6D, TIF CL	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ. FT)
1-01	2367+06.00	-8.00	-9.62			1									-15.62N,	162
1-02	2367+95.00	-8.00	-9.27			1									-15.27S,	162
1-03	2367+41.60	-3.50	-9.3						1						-15.76N, -15.94S, -23.15W, -23.16E,	162
1-04	2369+92.00	-8.00	-8.28			1									-14.73E,	162
1-05	2371+00.00	-8.00	-7.74			1									-13.45N,	162
1-06	2371+42.00	-8.00	-7.53			1									-13.86S, -13.96E,	162
2-01	2374+66.00	-3.00	-6.51			1									-12.34N,	162
2-02	2375+37.00	-3.00	-6.76			1									-12.81N, -12.71S,	162
2-03	2375+84.00	-2.00	-6.88					1							-13.07N, -13.25S, -13.35E,	162
2-04	2376+08.00	-2.00	-7.04			1									-12.87S,	162
2-05	2376+79.00	-2.00	-7.65			1									-13.48N,	162
2-06	2377+50.00	-2.00	-7.71			1									-13.82N, -13.82S,	162
2-07	2377+78.00	-2.00	-7.77			1									-14.06N, -14.06S,	162
2-08	2377+93.00	-2.00	-7.77			1									-13.83N, -14.11S, -14.11E,	162
2-09	2378+08.00	-2.00	-7.77			1									-13.69N, -13.79S,	162
2-10	2378+38.00	-1.00	-7.7			1									-13.53S,	162
3-01	2380+11.00	-52.00	-5.99						1						-12.26N, -12.47S, -17.77W, -18.52E,	162
3-02	2379+88.00	-1.00	-6.52			1									-12.66N,	162
3-03	2380+68.00	-1.50	-5.47			1									-11.35E,	162
3-04	2380+65.00	-1.00	-5.45						1						-12.01N, -12.11S, -11.31NW,	162
3-05	2381+49.00	-3.00	-4.44			1									-11.14SE,	162
3-06	2382+94.00	-1.00	-2.36					1							-9.54N, -9.79S, -9.56NW,	162
3-07	2382+98.00	-5.00	-2.51			1									-9.54SE,	162
3-08	2384+13.00	-6.50	-1.05			1									-8.44N, -8.54SE,	162
3-09	2384+09.00	-2.00	-0.91					1							-8.67S, -8.57NW,	162
3-10	2384+70.00	-7.00	-0.51			1									-7.92S,	162
3-11	2381+46.00	-1.00	-4.35					1							-11.23N, -11.48S, -11.16W,	162
4-01	2388+33.00	-8.00	-0.53			1									-9.90SE,	162
4-02	2390+14.00	-8.00	-2.46			1									-12.21E,	162
4-03	NOT USED															
5-01	2391+95.00	-8.00	-4.12			1									-9.95S,	162
5-02	2392+58.00	-9.00	-4.33										1		-8.58N,	162
5-03	2392+73.00	-8.00	-4.34										1		-8.7N, -8.63S, -8.63E,	162
5-04	2392+91.00	-9.00	-4.33			1									-8.75S, -8.85E,	162
5-05	2391+36.00	-64.00	0.9						1						-5.4N, -8.1S, -12.75W, -14.32E,	162
5-06	NOT USED															
5-07	2392+58.00	45.00	-2.1										1		-7.93N,	162
5-08	2392+73.00	44.00	-2.11										1		-7.99N, -7.89S,	162
5-09	2392+88.00	45.00	-2.1			1									-8.05S, -9.06W, -9.16E,	162
5-10	2394+46.00	-8.00	-3.29			1									-9.09E,	162
5-11	2396+08.00	-8.00	-1.05			1									-7.67E,	162
5-12	2396+08.00	44.00	1.18			1									-8.17W, -8.27E,	162
5-13	2392+87.00	63.00	-1.68					1							-10.34N, -9.26W,	162
6-01	2397+70.00	-8.00	1.23			1									-4.77E,	162
6-02	2397+69.00	44.00	3.44			1									-5.27W, -9.16E,	162
6-03	2399+32.00	-8.00	3.5			1									-2.5E,	162
6-04	2399+32.00	44.00	5.72			1									-3W, -3.25SE,	162
6-05	2399+25.00	50.00	5.78					1							-4.69N, -3.35NW, -4.94SE,	162
6-06	2400+40.00	51.00	7.4					1							-2.43S, -1.23NW,	162
6-07	2400+94.00	-8.00	5.55			1									-0.45SE,	162
6-08	2398+65.00	-61.00	3.45						1						-2.48N, -11.78W, -14.23E,	162
6-09	2400+00.00	99.00	-3.1		1										-9.1W,	162
6-10	2400+00.00	86.00	3.5						1						-9.15E,	162
7-01	2404+85.00	-8.00	5.06			1									-0.77E,	162
7-02	2404+85.00	39.50	7.44						1						-7.4N, -1.25W, 1.05E,	162
7-03	2406+52.00	39.50	5.05						1						-8.56N, -8.06S, -2.32W,	162
7-04	2407+59.00	39.00	3.53						1						-8.82S, -10.1W, -9.35E, -2.62NE,	162
7-05	2404+85.00	44.00	7.28			1									1.09W,	162
7-06	2406+52.00	-6.00	3.92			1									-2.09E,	162
7-07	2407+59.00	6.00	3.38											1	-3.94N, -11.87W, -10.22E,	162
7-08	2407+66.00	42.00	3.35			1									-2.58SW,	162
7-09	6015+87.00	3.00	4.08						1						-9.16N, -9.26W,	162
7-10	6016+21.00	3.00	3.12						1						-8.56N, -9.06S, -3.16NE,	162
7-11	2407+50.00	-56.00	0.73						1						-5.6N, -11.68NW, -11.78SE,	162
8-01	2408+03.00	-6.00	2.69			1									-3.81SE,	162
8-02	6016+26.00	5.00	2.85			1									-3.15S,	162
8-03	2408+92.00	39.00	1.55	1											-4.45E,	162
8-04	6017+20.00	3.00	1.24						1						-8.02N, -8.27S, -4.61W,	162
8-05	6017+87.00	2.00	0.18					1							-7.62N, -7.87S, -6.17E,	162
8-06	6017+90.00	5.00	0.06			1									-5.94W,	162

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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

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

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SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RTE. 94/90	SECTION COOK	COUNTY	TOTAL SHEETS 556	SHEET NO. 129
STA. 62300	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1818, ETC, 2324.6-IP)R-8				

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA,4D, TIF OL	CB, TA,4D, T8G	CB, TA, 4D, T20 F&G	CB, TA, 5D, 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, T 20 F&G	MH, DROP 6D TIF CL	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
8-07	2410+20.00	54.00	-0.85					1							-7.34S, -6.41W, -7.09E,	162
8-08	2410+23.00	-4.50	0.96												-5.85E,	
8-09	2410+26.00	54.50	-0.96												-6.96SW,	
8-10	2411+80.00	49.50	-3.08												-8.91N,	
8-11	2412+00.00	50.50	-3.19						1						-10.28S, -10.14NE, -12.19SW	
8-12	2412+70.00	57.00	-2.43						1						-9.58W, -10.08SW,	
8-13	2412+58.00	51.00	-3.42										1		-9.25N,	
8-14	2412+73.00	50.00	-3.43												-9.31N, -9.31S, -9.42W, -9.52E,	
8-15	2412+88.00	50.00	-3.42												-9.25S,	
8-16	2412+58.00	-4.00	-0.41												-6.24N,	162
8-17	2412+73.00	-3.00	-0.42												-6.3N, -6.3S, -6.55E,	162
8-18	2412+88.00	-4.00	-0.41												-6.24S,	162
8-19	2411+67.00	-59.00	-4.29						1						-11.16N, -12.75W, -13.25E,	
9-01	2413+75.00	-3.00	-0.11												-9E,	162
9-02	2414+36.00	50.00	-2.78												-8.61N,	
9-03	2414+64.00	50.00	-2.58					1							-8.81N, -8.71S,	
9-04	2415+60.00	50.00	-2.1						1						-8.03N, -9.22S, -9.72E, -7.92NW,	
9-05	2415+61.00	-5.00	0.83												-4.84E,	162
9-06	2416+18.00	51.00	-1.92												-7.76S,	
9-07	2417+21.00	-3.00	1.66					1							-10.15W, -18.63E,	
9-08	2418+05.00	52.00	-1.04												-7.97NE,	
9-09	2418+11.00	-5.00	2.09												-5.66E,	162
9-10	2418+07.00	50.00	-0.85						1						-9.42N, -9.92S, -6.68W, -6.88E,	
9-11	2417+24.00	-60.00	-1.47												-7.4N, -12.59W, -12.79E,	
9-12	2417+70.00	50.00	-1.03												-10N, -18.46SW,	
10-01	2419+80.00	50.00	0.5					1							-8.57N, -8.77S, -6E,	
10-02	2419+82.00	52.00	-0.15												-5.99W,	
10-03	2420+89.00	50.00	1.27					1							-4.78N, -8.16S, -4.58W,	
10-04	2420+92.00	-3.00	3.45												-2.39E,	162
10-05	2421+64.00	50.00	2.25												-4.23S,	
10-06	2423+23.00	-78.00	2.67						1						-10.09W, -10.29E, -3.40NE,	
10-07	2423+00.00	-3.00	4.47												-4.22N,	162
10-08	2421+17.00	51.00	2.02												-4.44N, -4.54S,	
10-09	2423+22.00	51.00	4.24												8.36N, -7.88E, -9.86W,	
10-10	2424+28.00	50.00	4.73												-8S,	
10-11	2419+31.00	52.00	0.65					1							-8.94N, -8.96S,	
11-01	2429+75.00	-81.00	2.44												-10.72W, -10.82E, -3.49SE,	
11-02	2427+40.00	-10.00	3.31						1						-2.28N,	162
11-03	2427+45.00	49.50	3.55												-2.28N,	
11-04	NOT USED															
11-05	2429+03.00	-8.00	2.5												-3.43N, -3.33S,	162
11-06	2429+13.00	49.50	2.71												-9.26N, -9.06S, -7.06E,	
11-07	2429+75.00	50.00	2.9												-10.73N, -9.4S, -7.04E, -10.93W,	
11-08	NOT USED															
11-09	2430+85.00	-8.00	1.59												-4.24S,	162
11-10	2430+91.00	49.50	1.82												-10.58S, -4.83W, -5.52NE,	
11-11	2427+89.00	49.50	3.33												-8.77N, -2.48S, -3.44E,	
12-01	2432+82.00	49.00	0.93												-9.51N, -5.45SW, -5.00SE	
12-02	2432+67.00	-8.00	0.69												-5.14NE,	162
12-03	2432+69.00	49.50	0.94												-4.89NW,	
12-04	2433+27.00	49.00	0.71												-9.67N, -9.57S, -7.34E,	
12-05	2434+52.00	50.00	0.05												-9.95N, -9.85S, -6.35W, SE-6.01,	
12-06	2434+49.00	-8.00	-0.21												-6.04E,	162
12-07	2434+47.00	53.00	-0.08												-5.91NW,	
12-08	2435+07.00	50.00	-0.22												-10.13N, -10.03S, -7.43E,	
12-09	2436+34.00	51.00	-0.9												-10.41N, -10.31S, -7.27W, -7.03SE,	
12-10	2436+25.00	56.00	-1.1												-6.93NW,	
12-11	2436+31.00	-8.00	-1.13												-6.96E,	162
12-12	2436+74.50	51.00	-1.08												-10.56N, -10.46S,	
12-13	2436+98.00	56.00	-1.37												-7.2N,	
12-14	2436+98.00	-9.00	-1.37												-7.2N,	162
13-01	2437+13.00	51.00	-1.13												-10.71N, -10.61S, -7.9W, -9.09E,	
13-02	2437+13.00	-8.00	-1.37												-7.26N, -7.26S, -7.59E,	162
13-03	2437+28.00	-9.00	-1.37												-7.2S,	162
13-04	2437+13.00	55.00	-1.33												-7.26N, -7.26S, -9.07W, -8.82NE,	
13-05	2437+28.00	56.00	-1.37												-7.2S,	
13-06	2437+57.00	51.00	-1.07												-10.11N, -10.83S, -11.01W,	
13-07	2437+99.00	51.00	-0.88												-9.94N, -10.04S, -7.26W, -7.84E,	
13-08	2437+99.00	-8.00	-1.12												-6.95E,	162
13-09	2437+99.00	55.00	-1.08												-7.70N, -7.80W,	

DS-14



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

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  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE SCHEDULE  
 PROPOSED DRAINAGE STRUCTURES  
 SCALE: 1" = N.T.S. DRAWN BY: MJO  
 DATE: 1/7/05 CHECKED BY: LPN

09/14/2005 02:46:51 PM

### SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	•	COOK	556	130
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62300	• (1818, ETC, 2324.6-1P)R-8			

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D, TIF OL	CB, TA, 4D, T8G	CB, TA, 4D, T20 F&G	CB, TA, 5D, 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, T 20 F&G	MH, DROP 6D TIF CL	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
13-10	2438+25.00	61.00	-0.79					1							-7.41S, -7.31E	
13-11	2438+83.00	51.00	-0.41						1						-9.83N, -9.08S, -6.46W, -6.24NE, -6.18E, -6.13SW	162
13-12	2438+89.00	-8.00	-0.35			1									-8.44N, -8.54S, -6.70E, -6.5E, -6.6W, -7.54N, -7.64S, -4.52W, -5.48E, -4.21E	
13-13	2438+90.00	55.00	-0.3			1									-5.28E, -5.38SW, -6.39S, -4.80NE, -4.34E, -4.44SW	162
13-14	2439+67.00	52.00	0.63						1						-9.49NW, -11.30N, -11.40W, -5.45SE, -5.25E, -5.35NW	
13-15	2439+67.00	62.00	0.63					1							-10.44N, -10.94S, -6.19W, -6.96NE, -6.89E, -6.83NE, -6.93SW, -6.71E, -6.81SW, -9.32W, -9.82E, -3.99NE, -9.74N, -10.24S, -7.38W, -7.17E	
13-16	2440+89.00	52.00	1.78							1					-9.41S, -8W, -8.91NE, -7.69E, -8.41E, -8.51SW	162
13-17	2440+94.00	-8.00	1.62			1									-11.44W, -11.94E, -8.02NE, -8.27SE, -10.2N, -10.7W, -9.21E, -7.96N, -8.02N, -8.02S, -9.19W, -8.94SE, -7.96S	
13-18	2440+95.00	55.00	1.66			1									-7.96N, -7.96N, -8.27N, -8.02S, -7.96S	162
13-19	2441+81.50	52.00	2.37							1					-7.96N, -7.96N, -7.96N, -7.96N, -7.96N	
13-20	2442+07.00	70.00	2.73					1							-9.51N, -10.01S, -8.05W, -9.02NE, -8.82NE, -8.92SW, -7.74SE, -7.74E, -7.74E, -7.74E, -7.74E, -7.74E, -7.74E, -7.74E	162
13-21	NOT USED															
14-01	2445+61.00	-10.00	1.87			1									-7.41N, -6.39W, -6.99SE, -6.1E, -6.86SE, -6.96NW, -9.36N, -8.86S, -8.30SW, -8.74SE, -8.54SE, -8.64NW, -8.07NE, -7.91N, -8.22N, -7.97S, -8.38N, -8.28S, -8.07N, -10.6S, -10.7E, -9.56N, -9.04N, -9.46S, -8.23E, -7.97N, -7.97S, -8.07W, -7.91S, -9.66S, -10.16W, -9.32NE, -7.1SE, -8.98S, -8.88E, -8.81E, -7.42N, -7.17E, -8.11N, -6.12W, -7.49SE, -5.21E, -5.22NW, -8.66S, -9.41W, -5.32SE, -8.00NE, -4.17S, -8.95W, -9.7E, -7.72N, -4.47E, -7.94N, -7.84S, -4.26W, -4.04E, -3.97W, -3.97E, -6.36S, -6.46W	162
14-02	2445+54.00	51.00	1.91						1							
14-03	2445+63.00	57.00	1.89			1										
14-04	2447+68.00	52.00	0.18							1						
14-05	2447+72.00	-9.00	-0.06			1										
14-06	2447+72.00	57.00	-0.06			1										
14-07	2447+72.00	63.00	0.18					1								
14-08	2445+53.00	-93.00	2.17						1							
15-01	2448+50.00	52.00	-0.64							1						
15-02	2448+50.00	-8.00	-0.84			1										
15-03	2449+59.00	52.00	-1.63					1								
15-04	2449+63.00	-8.00	-1.86			1										
15-05	2449+86.00	55.00	-1.94			1										
15-06	2450+53.00	-78.00	-1.94						1							
15-07	2450+55.00	51.00	-1.9							1						
15-08	2450+40.00	57.00	-2.13										1			
15-09	2450+55.00	56.00	-2.14			1										
15-10	2450+70.00	57.00	-2.13										1			
15-11	NOT USED															
15-12	2450+40.00	-9.00	-2.13										1			
15-13	2450+55.00	-8.00	-2.14			1										
15-14	2450+70.00	-9.00	-2.13										1			
15-15	2451+33.00	65.00	-1.79					1								
15-16	2451+33.00	52.00	-1.74						1							
15-17	2451+38.00	56.00	-1.91			1										
15-18	2451+38.00	-8.00	-1.91			1										
15-19	2453+44.00	52.00	-0.03					1								
15-20	2453+44.00	-8.00	-0.23			1										
15-21	2453+52.00	56.00	-0.18			1										
16-01	2457+65.00	51.00	-0.05					1								
16-02	2457+64.00	-8.00	-0.28			1										
16-03	2457+60.00	56.00	-0.26			1										
16-04	2459+72.00	51.00	-1.94							1						
16-05	2459+86.00	56.00	-1.99			1										
16-06	2459+71.00	-8.00	-1.93			1										162
17-01	2460+30.00	-9.00	-2.08										1			162
17-02	2460+45.00	-8.00	-2.09										1			162
17-03	2460+60.00	-9.00	-2.08			1										162
17-04	2460+67.00	-56.00	-1.96							1						
17-05	2460+25.00	57.00	-2.08										1			
17-06	2460+48.00	51.00	-1.85													
17-07	2460+40.00	56.00	-2.09			1										
17-08	2460+55.00	57.00	-2.08										1			
17-09	2460+73.00	51.00	-1.81							1						
17-10	2461+20.00	-8.00	-1.88			1										162
17-11	2461+11.00	56.00	-1.92			1										
17-12	2463+26.00	-8.00	0.02			1										162
17-13	2463+02.50	56.00	-0.21			1										
17-14	2463+26.00	51.00	0.03					1								
17-15	2465+32.00	56.00	1.85			1										
17-16	2465+42.00	51.00	1.91							1						
17-17	2465+20.00	-8.00	1.78			1										162
17-18	2465+24.00	-52.00	1.99							1						
18-01	2468+99.00	52.00	2.31					1								
18-02	2469+44.00	51.00	1.86						1							
18-03	2469+44.00	56.00	1.86			1										
18-04	2469+44.00	-8.00	1.86			1										162
18-05	2471+50.00	56.00	0.02			1										

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

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  
NB EXPRESS LANE RECONSTRUCTION

DRAINAGE SCHEDULE  
PROPOSED DRAINAGE STRUCTURES

SCALE: 1" = N.T.S.      DRAWN BY: MJU  
DATE: 7/7/05              CHECKED BY: LPN

PA030009035.Dwg: IABUSCAD/PA/05/40022L.SW 09/14/2005 02:48:58 PM



SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	131
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		* (1818, ETC, 2324.6-1PR-8		

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D, TIF OL	CB, TA, 4D, T8G	CB, TA, 4D, T20 F&G	CB, TA, 5D, 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, T 20 F&G	MH, DROP 6D, TIF CL	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
18-06	2471+50.00	51.00	0.02						1						-9.05N, -8.55S, -6.11W, -6.49E, -5.81E	162
18-07	2471+50.00	-8.00	0.02													
19-01	2473+18.00	51.00	-1.19						1						-9.41N, -9.38S, -10.41W, -7.94E, -7.81E, -7.91W, -5.88S, -5.75NE, -7.15NE	
19-02	2473+18.00	56.00	-1.43													
19-03	2476+60.00	55.00	0.56													
19-04	2472+97.00	8.00	-1.32													
19-05	2473+83.00	51.00	-1.58													
19-06	2473+68.00	-9.00	-1.57													
19-07	2473+83.00	-8.00	-1.58										1		-7.46N, -7.71S, -7.2E, -7.41S	162
19-08	2473+98.00	-9.00	-1.57										1			162
19-09	NOT USED															
19-10	2473+68.00	57.00	-1.57													
19-11	2473+83.00	56.00	-1.58													
19-12	2473+98.00	57.00	-1.57													
19-13	2474+69.00	-8.00	-1.33													
19-14	2474+69.00	51.00	-1.09													
19-15	2474+69.00	56.00	-1.33													
19-16	2475+98.00	51.00	0.08													
19-17	2475+98.00	-8.00	-0.16													
19-18	2475+98.00	56.00	-0.16													
20-01	2478+10.00	51.00	2.26													
20-02	2478+04.00	-4.50	2.1													
20-03	2478+04.00	56.00	1.96													
20-04	2480+10.00	51.00	4.32													
20-05	2480+10.00	-4.50	4.22													
20-06	2480+10.00	56.00	4.08													
20-07	2481+99.00	51.00	6.27													
20-08	2481+99.00	-6.00	6.11													
20-09	2481+99.00	56.00	6.03													
20-10	2482+99.00	51.00	7.3													
20-11	2483+69.00	51.00	8.02													
20-12	2478+90.00	51.00	3.09													
21-01	2484+22.00	51.00	8.57													
21-02	2484+22.00	-6.00	8.41													
21-03	2484+22.00	56.00	8.33													
21-04	2486+06.00	51.00	10.07													
21-05	2486+28.00	-6.00	10.03													
21-06	2486+28.00	56.00	9.95													
22-01	NOT USED															
22-02	2490+54.00	56.00	9.9													
22-03	2490+54.00	51.00	10.14													
22-04	2490+54.00	-7.00	9.94													
22-05	2492+11.50	56.00	8.69													
22-06	2492+60.00	56.00	8.19													
22-07	2492+60.00	51.00	8.43													
22-08	2492+60.00	-7.00	8.23													
22-09	2494+22.00	51.00	6.76													
22-10	2494+27.00	56.00	6.47													
22-11	2494+66.00	56.00	6.07													
22-12	2493+92.00	-7.00	6.87													
22-13	NOT USED															
22-14	2494+66.00	-7.00	6.11													
23-01	2496+63.00	54.00	4.16													
23-02	2496+72.00	56.00	3.95													
23-03	2496+81.00	51.00	4.1													
23-04	2496+72.00	-7.00	3.99													
23-05	2498+88.00	51.00	1.73													
23-06	2498+92.00	56.00	1.69													
23-07	NOT USED															
23-08	2498+78.00	-7.00	1.87													
23-09	2500+77.00	51.00	0.02													
23-10	2500+84.00	-7.00	-0.25													
23-11	2500+90.00	56.00	-0.35													
24-01	2502+92.00	55.00	-2.13													
24-02	2502+83.00	56.00	-2.16													
24-03	2502+84.00	-7.00	-2.21													
24-04	2503+74.00	57.00	-2.36													
24-05	2503+55.00	59.00	-2.43													
24-06	2503+68.00	58.00	-2.44													
24-07	2503+84.00	59.00	-2.43													

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

REVISIONS		DATE
NAME		
ADDENDUM 2		9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
NB 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 02:49:03 PM





F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	133
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		• (1818, ETC, 2324.6-1P/R-8		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TA 5 DIA	MAN TA 4 DIA	MAN TA 5 DIA	MAN TA 6 DIA	IN TB T20F&G	DR STR T1	DR STR T2	MAN DT 6 DIA	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
				T1F OL	T8G	T20F&G	T20F&G	T1F CL	T1F CL	T1F CL		W/2 T20F&G	W/2 T22F&G	T1F CL		
29-01	2531+40.0	49.5' RT	-2.46									1			-7.2SE,	
29-02	2531+40.0	44.8' RT	-3.93												-9.1NW,	
29-03	2531+40.0	39.5' RT	-3.62						1						-9.7NW, -10.45NE, -9.2SE,	
29-04	2531+40.0	8.1' LT	-1.46			1									-9.24SE,	162
29-05	2532+70.0	49.5' RT	-2.88									1			-9.62NE,	
29-06	2532+70.0	44.8' RT	-1.41												-9.72NW,	
29-07	2532+70.0	39.5' RT	-1.20						1						-6.32NW, -10.82NE, -9.82SE, -10.72SW,	
29-08	2532+70.0	9.8' LT	-0.35			1									-5.86SE,	162
29-09	2533+95.0	49.5' RT	-3.20									1				
29-10	2533+95.0	44.8' RT	1.01												-9.87NW,	
29-11	2533+95.0	39.5' RT	1.22						1						-4.59NW, -11.22NE, -9.97SE, -11.04SW,	
29-12	2533+95.0	9.9' LT	0.91			1									-4.13SE,	162
29-13	2534+65.0	39.5' RT	2.57						1						-11.45NW, -5.05NE, -9.02SE, -11.33SW,	
29-14	2535+25.0	49.5' RT	3.37									1			-4.4SE,	
29-15	2535+25.0	44.8' RT	3.52												-3.37NW,	
29-16	2535+25.0	39.5' RT	3.73						1						-5.22NW, -4.27NE, -3.47SE, -4.97SW,	
29-17	2535+25.0	9.8' LT	2.24			1									-4.32NW, -4.8SE,	162
30-01	2536+55.0	49.5' RT	5.26									1			-2.29SE,	
30-02	2536+55.0	44.7' RT	5.94												-2.39NW,	
30-03	2536+55.0	39.5' RT	6.05						1						-2.49NW, -2.8NE, -2.49SE, -4.08SW,	
30-04	2536+55.1	9.7' LT	3.38			1									-2.07SE,	162
30-05	2537+55.0	49.5' RT	6.62									1			-0.9SE,	
30-06	2537+55.0	44.8' RT	6.96												-1NW,	
30-07	2537+55.0	39.5' RT	7.06						1						-0.85NW, -2.36NE, -1.1SE, -2.63SW,	
30-08	2537+55.0	9.8' LT	4.39			1									-0.64SE,	162
30-09	2538+55.0	49.5' RT	7.90									1			-0.7SE,	
30-10	2538+55.0	44.8' RT	7.98												-0.08NW,	
30-11	2538+55.0	39.5' RT	8.08						1						-1.4NW, 0.4NE, -0.18SE, -2.15SW,	
30-12	2538+55.0	11.1' LT	5.33			1									-0.84NE, -0.94SE,	162
30-13	2538+95.0	10.8' LT	5.75			1									-0.35NW, -0.45SW,	162
30-14	2539+55.0	49.5' RT	8.82									1				
30-15	2539+55.0	44.8' RT	8.99												1.92NW,	
30-16	2539+55.0	39.5' RT	9.10						1						1.82SE, 0.82SW,	
30-17	2540+45.0	49.5' RT	9.34									1			0.13NE,	
30-18	2540+45.0	44.8' RT	9.84												0.03W,	
30-19	2540+45.0	39.5' RT	9.94					1							-0.32N, -0.07E, -0.07W,	
30-20	2540+45.0	8.9' LT	7.32			1									0.4E,	162
30-21	2540+65.0	39.5' RT	10.10						1						-3.3N, -3.27NE, -0.39S, -4.34W,	
30-22	2541+67.2	79.6' RT	10.91									1			-2.87N, -2.97W,	
30-23	2541+65.0	39.5' RT	10.44						1						-3.03E, -3.13S, 0.64W,	
30-24	2541+65.0	7.5' LT	8.21			1									1.11E,	162
31-01	2542+64.2	88.3' RT	10.31			1									-1.11W,	
31-02	2542+64.2	78.8' RT	10.64						1						 -0.81N, -1.21E, -2.71S,	
31-03	2543+33.6	49.5' RT	10.46			1									1.42NE,	
31-04	2543+53.9	89.3' RT	10.02			1									 -0.97W,	

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ADDENDUM 1	8/12/05

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

DS-18

08/07/2005 08:23:38 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	134
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		• (1818, ETC, 2324.6-1PIK-8		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T8G	CB TA 4 DIA T20F&G	CB TA 5 DIA T20F&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	IN TB T20F&G	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	MAN DT 6 DIA TIF CL	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
31-05	2543+54.2	79.9' RT	9.56						1						-0.53N, 0.87E, -0.63S, 1.07SW, -1.09NE, -0.14W,	
31-06	2544+49.4	87.3' RT	9.23									1			0.72N, 0.24E, -1.49S, 1.26W, 1.59E, 1.69W,	
31-07	2544+49.3	82.6' RT	8.27						1						2.21E,	162
31-08	2544+49.2	77.4' RT	8.48												1.79NE,	
31-09	2544+50.0	44.6' RT	8.95	1											1.69W,	
31-10	2544+50.0	7.5' LT	8.38			1									1.59E, 1.09S, 1.65W,	
31-11	2545+69.3	84.1' RT	7.79									1			1.96E, 2.06W,	
31-12	2545+69.2	79.4' RT	7.53						1						2.57E, 2.67NW,	162
31-13	2545+69.1	74.1' RT	7.61												-3.1W,	
31-14	2545+70.0	43.4' RT	8.12	1											-4.45N, -3.2E, 0.1W,	
31-15	2545+70.0	7.5' LT	7.69			1									0.38E, 0.48W,	
31-16	2547+29.3	79.8' RT	5.33									1			0.97E,	162
31-17	2547+29.2	75.1' RT	5.85												-8.61NE,	
31-18	2547+29.1	69.9' RT	6.06						1						-8.71W,	
31-19	2547+30.0	41.8' RT	6.54	1											-8.91N, -8.81E, -4.9S, -3.38W,	
31-20	2547+30.0	7.5' LT	6.09			1									-2.64E, -2.55W,	162
32-01	2548+74.2	75.9' RT	3.08									1			-8.3E,	
32-02	2548+74.1	71.2' RT	3.83												-8.4W,	
32-03	2548+74.0	66.0' RT	4.04												-9.98N, -8.5E, -9.28S, -5.26W,	
32-04	2548+85.0	7.5' LT	3.87			1									-4.59E,	162
32-05	2550+99.2	69.9' RT	-0.42									1			-10.32E,	
32-06	2550+99.1	65.2' RT	0.40												-10.42W,	
32-07	2550+99.0	60.0' RT	0.61												-12.27N, -10.52E, -10.08S, -8.97W,	
32-08	2551+00.0	7.5' LT	0.60			1									-8.32E, -8.22W,	162
32-09	2551+79.1	67.7' RT	-1.67												-10.74N, -10.84W,	
32-10	2551+79.0	63.1' RT	-0.77												-13.11N, -10.94E, -12.54S, -13.78W,	
32-11	2551+78.9	57.8' RT	-0.56												-8.6N,	162
32-12	2551+80.0	7.5' LT	-0.61			1									-10.59S, -9.29W,	
32-13	2553+92.7	63.1' RT	-4.63									1			-8.69E,	162
32-14	2553+92.6	58.4' RT	-3.47												-9.55E,	
32-15	2553+92.6	53.2' RT	-3.26												-9.64N,	
32-16	2553+83.0	7.5' LT	-3.32			1									-8.94N,	162
33-01	2554+09.1	62.8' RT	-4.76									1			-11.87N, -9.78S, -12.3W,	
33-02	2554+09.0	58.2' RT	-3.59												-11.24N, -12.4E, -12.85S, -10.02W,	
33-03	2554+10.0	7.5' LT	-3.53			1									-9.08N, -9.43E, -9.08S,	162
33-04	2555+10.0	61.5' RT	-4.64												-11.76NE,	
33-05	2555+10.0	56.8' RT	-3.97												-11.86S,	
33-06	2555+10.0	7.5' LT	-3.92			1									-8.97S,	162
33-07	2555+21.7	61.7' RT	-5.23													
33-08	2555+23.7	56.8' RT	-3.97													
33-09	2555+23.7	51.5' RT	-3.76													
33-10	2555+23.7	7.5' LT	-3.92	1												
33-11	2555+35.0	61.5' RT	-4.65									1				
33-12	2555+35.0	56.8' RT	-3.97													
33-13	2555+35.0	7.5' LT	-3.92			1										

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

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	•	COOK	556	135
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62300		• (B18, ETC. 2324.6-1PIR-8		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T8G	CB TA 4 DIA T2OF&G	CB TA 5 DIA T2OF&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	IN TB T2OF&G	DR STR T1 W/2 T2OF&G	DR STR T2 W/2 T22F&G	MAN DT 6 DIA TIF CL	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
33-14	2555+90.0	62.8' RT	-4.98			1									-10.68W,	
33-15	2555+90.0	56.8' RT	-3.84			1									-10.78E, -10.98W,	
33-16	2555+90.0	51.5' RT	-3.63					1							-10.87N, -11.08E,  -10.97S, -9.52W,	
33-17	2555+90.0	7.5' LT	-3.79			1									-8.93E,	162
33-18	2556+80.0	61.5' RT	-3.83									1			-10.39E,	
33-19	2556+80.0	56.8' RT	-3.24												-10.49W,	
33-20	2556+80.0	51.5' RT	-3.03												-10.24N, -10.59E,  -10.49S, -10.35W,	
33-21	2556+80.0	7.5' LT	-3.18			1									-9.8E, -9.7W,	162
33-22	2558+25.0	61.5' RT	-2.13									1			-8.32E,	
33-23	2558+25.0	56.8' RT	-1.64												-8.62W,	
33-24	2558+25.0	51.5' RT	-1.43						1						-8.72E,  -9.65S, -7.32W,	
33-25	2558+25.0	7.5' LT	-1.59			1									-6.77E,	162
34-01	2560+20.0	61.5' RT	-0.34									1			-7.39NE,	
34-02	2560+20.0	56.8' RT	-0.24												-7.49NW,	
34-03	2560+30.0	51.5' RT	0.01						1						-7.65E, -8.6W,	
34-04	2560+20.0	7.5' LT	-0.19			1									-5.4NE,	162
34-05	2563+10.0	61.5' RT	-0.43									1			-9.85NE, -10.25E,	
34-06	2563+10.0	56.8' RT	-0.28												-10.35W,	
34-07	2563+10.0	51.5' RT	-0.07					1							-10.71N, -10.45E, -6.01W,	
34-08	2563+10.0	7.5' LT	-0.23			1									-5.42E,	162
34-09	2564+77.7	51.5' RT	-1.25						1						-10.56N, -11.13S, -11.23W,	
34-10	2565+10.0	61.5' RT	-2.39									1			-9.77E,	
34-11	2565+10.0	56.8' RT	-1.78												-9.87W,	
34-12	2565+10.0	51.5' RT	-1.57					1							-9.98E, -10.46S, -9.23W,	
34-13	2565+10.0	7.5' LT	-1.73			1									-8.54N, -8.64E,	162
34-14	2565+55.0	7.5' LT	-2.23			1									-8.09S, -7.99W,	162
35-01	2567+00.0	61.5' RT	-4.39									1			-10.93E,	
35-02	2567+00.0	56.8' RT	-3.69												-11.03W,	
35-03	2567+00.0	51.5' RT	-3.48					1							-12.63N, -11.13E, -9.43W,	
35-04	2567+00.0	7.5' LT	-3.64			1									-8.84E,	162
35-05	2567+75.0	61.5' RT	-4.63									1			-11.69E,	
35-06	2567+75.0	56.8' RT	-3.94												-11.79N,	
35-07	2567+75.0	7.5' LT	-3.88			1									-11.4N, -11.3W,	162
35-08	2567+83.8	61.5' RT	-4.68										1			
35-09	2567+86.5	56.8' RT	-3.94												-9.75N, -11.89S, -11.58W,	
35-10	2567+86.5	51.5' RT	-3.73						1						-12.93N, -11.68E, -12.83S, -12.46W,	
35-11	2567+86.5	7.5' LT	-3.89	1											-9.16N, -11.87E, -11.52S,	162
35-12	2568+00.0	61.5' RT	-4.63									1				
35-13	2568+00.0	56.8' RT	-3.93												-9.62S,	
35-14	2568+00.0	7.5' LT	-3.88			1									-9.03S,	162
35-15	2568+40.0	61.5' RT	-4.53									1			-11.43E,	
35-16	2568+40.0	56.8' RT	-3.85												-11.53W,	
35-17	2568+40.0	51.5' RT	-3.64						1						-13.13N, -11.63E, -13.03S,	
35-18	2568+40.0	7.5' LT	-3.79			1									-8.95NE,	
35-19	2568+51.0	51.5' RT	-3.59						1						-13.37N, -13.15S, -12.52W,	

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ADDENDUM 1	8/12/05

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

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	136
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		• (1818, ETC, 2324.6-1PR-8		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA T1F OL	CB TA 4 DIA T8G	CB TA 4 DIA T20F&G	CB TA 5 DIA T20F&G	MAN TA 4 DIA T1F CL	MAN TA 5 DIA T1F CL	MAN TA 6 DIA T1F CL	IN TB T20F&G	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	MAN DT 6 DIA T1F CL	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
35-20	2570+40.0	61.5' RT	-2.37									1			-11.47E,	
35-21	2570+40.0	56.8' RT	-1.80												-11.57W,	
35-22	2570+40.0	51.5' RT	-1.59					1							-11.67E, -12.92S, -9.99W,	
35-23	2570+40.0	7.5' LT	-1.75			1									-9.4E, -9.3W,	162
36-01	2572+45.0	61.5' RT	0.67									1			-7.35E,	
36-02	2572+45.0	56.8' RT	1.03												-7.45W,	
36-03	2572+45.0	51.5' RT	1.24					1							△ (-8.04N) -7.55E, -4.7W,	
36-04	2572+45.0	7.5' LT	1.08			1									-4.11E,	162
36-05	2572+62.5	51.5' RT	1.40						1						-8.6N, -8.08S, -11.29W,	
36-06	2574+20.0	51.5' RT	2.20					1							-7.18E, -7.93S,	
36-07	2576+10.0	51.5' RT	1.59					1							-8.16N, -8.02E,	
36-08	2576+10.0	63.6' RT	0.79			1									-7.8E, -7.9W,	
36-09	2577+50.0	63.6' RT	-0.73			1									-10.56NE, -10.66W,	
36-10	2577+50.0	56.8' RT	-0.17			1									-10.76E, -10.86W,	
36-11	2577+50.0	51.5' RT	0.04						1						-12.42N, -10.96E, -8.78S, -6.07W,	
36-12	2577+15.0	7.5' LT	0.36			1									-5.38E,	162
37-01	2579+60.0	61.5' RT	-4.03									1			-12.13E,	
37-02	2579+60.0	56.8' RT	-3.94												-12.23W,	
37-03	2579+60.0	51.5' RT	-3.73						1						-12.96N, -12.33E, -12.86S, -9.79W,	
37-04	2579+60.0	7.5' LT	-3.89			1									-9.2E, -9.1W,	162
37-05	2579+91.8	51.5' RT	-4.20						1						-15.13N, -13.01S, -16.13W,	
37-06	2581+40.0	61.5' RT	-5.70									1			-11.85E,	
37-07	2581+40.0	56.8' RT	-5.68												-11.95W,	
37-08	2581+40.0	51.5' RT	-5.47						1						-14.64N, -12.05E, -14.89S, -11.4W,	
37-09	2581+40.0	7.5' LT	-5.63			1									-10.81E,	162
37-10	2581+70.0	61.8' RT	-6.27									1			△	
37-11	2581+70.0	56.8' RT	-5.75												-11.46N,	
37-12	2581+70.0	7.5' LT	-5.70			1									-10.87N,	162
37-13	2581+81.2	62.2' RT	-6.26	1											-12.16W,	
37-14	2581+85.0	56.8' RT	-5.75			1									-13.85N, -12.26E, -11.61S, -13.95W,	
37-15	△ 2581+70.0	51.5' RT	-5.54						1						△ (-13.01N, -14.3E, -14.58S, -12.11W,	
37-16	2581+85.0	7.5' LT	-5.70			1									-11.02N, -11.37E, -11.02S,	162
37-17	2582+00.0	62.7' RT	-6.25			1									-13.4E, -13.5W,	
37-18	2582+00.0	56.8' RT	-5.75			1									-13.6E, -13.7S,	
37-19	2582+00.0	7.5' LT	-5.70			1									-10.87S,	162
37-20	2583+20.0	61.5' RT	-5.08									1			-11.18NE, -11.18E,	
37-21	2583+20.0	56.8' RT	-5.10												-11.28W,	
37-22	2583+20.0	51.5' RT	-4.89					1							-11.38E, -12.35S, -10.82W,	
37-23	2583+20.0	7.5' LT	-5.05			1									-10.23E,	162
38-01	2584+30.0	61.5' RT	-3.57									1			-11.04SE,	
38-02	2584+30.0	56.8' RT	-3.60												-11.14W,	
38-03	2584+29.7	51.5' RT	-3.39						1						-13.94N, -11.24E, -14.44W,	
38-04	2584+50.0	7.5' LT	-3.18			1									-8.74S,	162
38-05	2586+15.0	61.5' RT	0.43									1			-11.66E, -11.66SE,	
38-06	2586+15.0	56.8' RT	0.28												-11.91W,	

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

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	137
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		• (1818, ETC. 2324.6-1PK-8)		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA T1F OL	CB TA 4 DIA T8G	CB TA 4 DIA T20F&G	CB TA 5 DIA T20F&G	MAN TA 4 DIA T1F CL	MAN TA 5 DIA T1F CL	MAN TA 6 DIA T1F CL	IN TB T20F&G	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	MAN DT 6 DIA T1F CL	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
38-07	2586+15.0	51.5' RT	0.49						1						-8.06N, -12.01E, -13.76S, -10.06W,	
38-08	2586+15.0	7.5' LT	0.33			1									-9.47E, -5.49SW,	162
38-09	2588+15.0	61.5' RT	4.67									1			-5.64E, -5.64SE,	
38-10	2588+15.0	56.8' RT	4.48												-5.74W,	
38-11	2588+15.0	51.5' RT	4.69						1						-5.8N, -5.84E, -7.84S, -1.33W,	
38-12	2588+15.0	7.5' LT	4.53			1									-0.74E, -0.64SW,	162
39-01	2590+05.0	61.5' RT	7.84									1			-3.36NE, -3.36E, -3.36SE,	
39-02	2590+05.0	56.8' RT	7.69												-3.46W,	
39-03	2590+05.0	51.5' RT	7.90						1						-0.46N, -3.56E, -5.56S, 2.01W,	
39-04	2590+05.0	7.5' LT	7.74			1									2.6E, 2.7W,	162
39-05	2591+80.0	61.5' RT	9.99									1			1.78E, 1.78SE,	
39-06	2591+80.0	56.8' RT	9.88												1.68W,	
39-07	2591+80.0	51.5' RT	10.09						1						1.69N, 1.58E, -0.17S, 3.41W,	
39-08	2591+80.0	7.5' LT	9.93			1									4E, 4.1SW,	162
39-09	2593+30.0	61.5' RT	11.23									1			3.94E, 3.94SE,	
39-10	2593+30.0	56.8' RT	11.16												3.84W,	
39-11	2593+30.0	51.5' RT	11.37						1						3.21N, 3.74E, 1.99S, 5.47W,	
39-12	2593+30.0	7.5' LT	11.21			1									6.06E,	162
39-13	2594+40.0	61.5' RT	11.80									1			5.25E, 5.25SE,	
39-14	2594+40.0	56.8' RT	11.75												5.15W,	
39-15	2594+40.0	51.5' RT	11.96					1							5.05E, 3.55S, 5.28W,	
39-16	2594+40.0	7.5' LT	11.80			1									5.87E, 5.97SW,	162
40-01	2597+70.0	61.5' RT	11.73									1			5.31NE, 5.31E,	
40-02	2597+70.0	56.8' RT	11.77												5.21W,	
40-03	2597+70.0	51.5' RT	11.98					1							4.61N, 5.11E, 5.94W,	
40-04	2597+70.0	7.5' LT	11.82			1									6.63NW, 6.53E,	162
40-05	2598+70.0	62.3' RT	10.70			1									4.28NE, 4.28E, 4.18W,	
40-06	2598+75.0	55.8' RT	10.66			1									3.98SE, 4.08SW,	
40-07	2598+70.0	51.5' RT	11.46					1							3.13N, 3.88E, 4.3S, 5.51W,	
40-08	2598+70.0	7.5' LT	11.30			1									6.1E,	162
40-09	2600+20.0	61.5' RT	9.92									1			0.66NE, 0.66E,	
40-10	2600+20.0	56.8' RT	10.02												0.56W,	
40-11	2600+20.0	51.5' RT	10.23						1						-1.04N, 0.46E, 2.77S, 4.19W,	
40-12	2600+20.0	7.5' LT	10.07			1									4.88NW, 4.78E,	162
41-01	2602+05.0	61.5' RT	7.60									1			-2.13NE, -2.13SE,	
41-02	2602+05.0	56.8' RT	7.75												-2.23W,	
41-03	2602+05.0	51.5' RT	7.96						1						-4.33N, -2.33E, -1.35S, 1.9W,	
41-04	2602+05.0	7.5' LT	7.80			1									2.59NW, 2.49E,	162
41-05	2604+00.0	61.5' RT	4.25									1			-9.11NE, -9.11E,	
41-06	2604+00.0	56.8' RT	4.46												-9.21W,	
41-07	2604+00.0	51.5' RT	4.67						1						-11.31N, -9.31E, -4.58S, -1.38W,	
41-08	2604+00.0	7.5' LT	4.51			1									-0.69NW, -0.79E,	162
41-09	2606+00.0	61.5' RT	0.45									1			-9.72NE, -9.72E,	
41-10	2606+00.0	56.8' RT	0.59												-9.82W,	
41-11	2606+00.0	51.5' RT	0.80						1						-12.42N, -9.92E, -11.52S, -5.29W,	

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REVISIONS	
NAME	DATE

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

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	138
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		• (1818, ETC, 2324.6-1PIR-8)		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T8G	CB TA 4 DIA T20F&G	CB TA 5 DIA T20F&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	IN TB T20F&G	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	MAN DT 6 DIA TIF CL	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
41-12	2606+00.0	7.5' LT	0.65			1									-4.6NW, -4.7E,	162
41-13	2607+30.0	61.5' RT	-0.99									1			-10.24NE, -10.24E,	
41-14	2607+30.0	56.8' RT	-0.95												-1.34W,	
41-15	2607+30.0	51.5' RT	-0.74						1						-12.94N, -10.44E, -12.54S, -6.81W,	
41-16	2607+30.0	7.5' LT	-0.90			1									-6.12NW, -6.22E,	162
41-17	2607+66.4	51.5' RT	-0.96							1					-10.6N, -12.97S, -14.94W,	
42-01	2608+10.0	61.5' RT	-1.41									1			-8.27NE,	
42-02	2608+10.0	56.8' RT	-1.31												-8.37N,	
42-03	2608+10.0	7.5' LT	-1.26			1									-6.48NW, -6.48N,	162
42-04	2608+33.9	56.8' RT	-1.33	1											-8.93N, -8.61S, -9.28W,	
42-05	2608+33.9	51.5' RT	-1.12						1						-9.79N, -9.38E, -10.53S, -8.71W,	
42-06	2608+33.9	7.5' LT	-1.28	1											-6.62N, -8.12E, -6.72S, -8.12W,	162
42-07	2608+50.0	61.5' RT	-2.01									1			-8.57N, -8.67W,	
42-08	2608+50.0	56.8' RT	-1.32												-8.77E, -8.87S,	
42-09	2608+50.0	7.5' LT	-1.27			1									-6.46S,	162
42-10	2608+64.3	62.4' RT	-1.98	1											-7.71N, -8.47S,	
42-11	2608+80.0	63.0' RT	-1.95			1									-7.14S,	
42-12	2609+80.0	61.5' RT	-1.12									1			-6.29N, -8.12E, -8.12SE,	
42-13	2609+80.0	56.8' RT	-0.59												-8.22W,	
42-14	2609+80.0	51.5' RT	-0.38						1						-8.9N, -8.32E, -9.57S, -6.49W,	
42-15	2609+80.0	7.4' LT	0.06			1									-5.9E, -5.8W,	162
42-16	2609+94.0	61.5' RT	-1.03			1									-6.15S,	
42-17	2611+65.0	61.5' RT	0.54									1			-7.14NE, -7.14E, -7.14SE,	
42-18	2611+65.0	56.8' RT	1.11												-7.24W,	
42-19	2611+65.0	51.5' RT	1.32						1						-6.43N, -7.34E, -8.59S, -4.81W,	
42-20	2611+65.0	4.3' LT	1.29			1									-4.15NW, -4.25E,	162
42-21	2613+90.0	61.5' RT	2.50									1			-4.78E,	
42-22	2613+90.0	56.8' RT	2.86												-4.88W,	
42-23	2613+90.0	51.5' RT	3.07						1						-4.98E, -5.73S, -2.65W,	
42-24	2613+90.0	4.2' LT	3.04			1									-2.09E,	162
43-01	2617+45.0	61.5' RT	1.96									1			-8.13E, -8.13SE,	
43-02	2617+45.0	56.8' RT	2.48												-8.23W,	
43-03	2617+45.0	51.5' RT	2.69						1						-8.83N, -8.33E, -3.05W,	
43-04	2617+45.0	4.3' LT	2.66			1									-2.49E,	162
43-05	2619+65.0	61.5' RT	-0.42									1			-9.31NE, -9.31SE,	
43-06	2619+65.0	56.8' RT	0.41												-9.41W,	
43-07	2619+65.0	51.5' RT	0.62						1						-10.76N, -9.51E, -9.29S, -5.08W,	
43-08	2619+65.0	5.5' LT	0.54			1									-4.52E,	162
44-01	2620+81.6	51.5' RT	-0.57						1						-13.61N, -13.44E, -10.93S, -15.94W,	
44-02	2621+68.0	61.5' RT	-2.66			1									-8.32N, -7.92E,	
44-03	2621+85.0	61.8' RT	-3.33									1			-8.48S,	
44-04	2621+85.0	56.8' RT	-1.80												-11.41W,	
44-05	2621+85.0	51.5' RT	-1.59						1						-13.26N, -11.51E, -13.51S, -7.48W,	
44-06	2621+85.0	6.9' LT	-1.73			1									-6.9E,	162
44-07	2622+93.0	61.5' RT	-3.33			1									-8.54N,	

DS-23

REVISIONS	
NAME	DATE

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

SCALE: 1"=N.T.S  
 DATE: 07/07/05

DRAWN BY: JAM  
 CHECKED BY: DDM

BOWMAN, BARRETT & ASSOCIATES INC.  
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12-46-02 PM 06/28/2005



62300

SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	556	139
STA. TO STA.		ILLINOIS FED. AID PROJECT	
FED. ROAD DIST. NO.		1818, ETC. 2324.6-1PK-8	

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T8G	CB TA 4 DIA T20F&G	CB TA 5 DIA T20F&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	IN TB T20F&G	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	MAN DT 6 DIA TIF CL	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
44-08	2623+03.4	61.5' RT	-3.33									1			-11.22E, -8.64S,	
44-09	2623+03.4	56.8' RT	-2.32												-11.32N,	
44-10	2623+03.4	7.5' LT	-2.27	1											-7.45N,	162
44-11	2623+13.3	61.5' RT	-3.33									1			-11.09NE,	
44-12	2623+13.3	56.8' RT	-2.32												-7.64N, -11.42S, -11.52W,	
44-13	2623+13.3	51.5' RT	-2.11						1						-12.87N, -11.62E, -13.12S, -8.24W,	
44-14	2623+13.3	7.2' LT	-2.26	1											-7.55N, -7.65E, -7.55S,	162
44-15	2623+30.0	56.8' RT	-2.31			1									-7.47S,	
44-16	2623+30.0	7.0' LT	-2.24			1									-7.38S,	162
44-17	2624+30.0	61.5' RT	-2.75									1			-11.02NE, -11.02E,	
44-18	2624+30.0	56.9' RT	-3.82												-11.12W,	
44-19	2624+30.0	51.5' RT	-1.68						1						-11.32N, -11.22E, -12.72S, -8.89W,	
44-20	2624+30.0	6.8' LT	-1.81			1									-8.2NW, -8.2N, -8.3E,	162
44-21	2625+10.0	7.5' LT	-1.16			1									-7.3NW, -7.4S,	162
45-01	2626+50.0	61.5' RT	-0.41									1			-8.62N, -9.42NE,	
45-02	2626+50.0	56.8' RT	0.00												-9.52W,	
45-03	2626+50.0	51.5' RT	0.21						1						-9.62E, -10.77S, -9.69W,	
45-04	2626+50.0	7.5' LT	0.05			1									-9.1E, -9W,	162
45-05	2630+95.0	61.5' RT	0.44									1			-7.23E,	
45-06	2630+95.0	56.8' RT	0.26												-7.33W,	
45-07	2630+95.0	51.5' RT	0.47					1							-8.18N, -7.43E, -6.9W,	
45-08	2630+95.0	7.5' LT	0.31			1									-6.21N, -6.31E,	162
45-09	2631+60.0	7.5' LT	-0.33			1									-5.56S, -5.46W,	162
46-01	2632+60.0	61.5' RT	-1.17									1			-8.76E, -8.76SE,	
46-02	2632+60.0	56.8' RT	-1.37												-8.86W,	
46-03	2632+60.0	51.5' RT	-1.16						1						-9.96N, -8.96E, -8.58S, -7.3W,	
46-04	2632+60.0	7.5' LT	-1.32			1									-6.71E, -6.61SW,	162
46-05	2634+05.0	61.5' RT	-2.57									1			-10.1E,	
46-06	2634+05.0	56.8' RT	-2.80												-10.2W,	
46-07	2634+05.0	51.5' RT	-2.59						1						-11.55N, -10.3E, -10.25S, -8.59W,	
46-08	2634+05.0	7.5' LT	-2.75			1									-8E, -7.9S, -7.9SW,	162
46-09	2635+35.0	62.7' RT	-4.27			1									-10.77W,	
46-10	2635+35.0	56.8' RT	-4.05			1									-10.87E, -10.97W,	
46-11	2635+35.0	51.5' RT	-3.84						1						<del>-15.21N</del> , -11.07E, -11.74S, -9.7W,	
46-12	2635+35.0	7.5' LT	-3.99			1									-9.11E,	162
46-13	2636+30.0	62.7' RT	-4.66			1									-9.87W,	
46-14	2636+30.0	56.8' RT	-4.44			1									-12.83N, -9.97E,	
46-15	2636+30.0	10.5' LT	-4.51	△		1									-12.29N,	162
46-16	2636+41.8	62.7' RT	-4.67		1										-13.08NW,	
46-17	2636+51.0	56.8' RT	-4.45		1										-13.29N, -13.19E, -13.04S,	
46-18	2636+65.0	51.5' RT	-4.22						1						-15.58N, -13.63E, -15.38S, -13.63W,	
46-19	2636+51.0	12.1' LT	-4.58			1									-12.6N, -12.5S,	162
46-20	2636+65.0	62.7' RT	-4.65			1									-10.6E, -10.08S, -13.18W,	
46-21	2636+65.0	56.8' RT	-4.43			1									-13.28E, -13.43S, -13.53W,	
46-22	2636+65.0	12.1' LT	-4.57	△		1									-12.99E, -12.74S,	162
46-23	2633+40.0	7.5' LT	-2.11			1									-7.25N, -7.15W,	162
TOTALS:				25	1	276	4	55	141	1	28	62	2	1		29899

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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  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE SCHEDULES  
PROPOSED STRUCTURES

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













F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 143B
STA. 62300	TO STA. • (1818, ETC, 2324.6-1P)R-8		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 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 12	SS CL A T3 21	SS CL A T3 24	SS CL A T3 30	SS CL A T3 36	SS CL A T3 42	SS CL B T1 12	SS CL B T1 15	TRENCH BACKFILL
PLUG	16-03	1.00	2																							0.5
PLUG	16-05	1.00	2																							0.5
PLUG	17-11	0.50		2																						0.5
PLUG	17-13	0.50	2																							0.5
PLUG	17-15	1.00	2																							0.5
PLUG	18-01	1.00	5																							1.2
PLUG	18-08	0.50	2																							0.5
PLUG	19-02	0.50	2																							0.5
PLUG	19-11	0.50	2																							0.5
PLUG	19-15	0.50	2																							0.5
PLUG	19-03	0.50	2																							0.5
PLUG	20-12	1.00	7																							2.0
PLUG	20-13	1.00	2																							0.5
PLUG	20-11	1.00	5																							1.4
PLUG	21-04	0.50	5																							1.0
PLUG	21-07	1.00	2																							0.5
PLUG	22-05	0.50	2																							0.6
PLUG	22-11	1.00	2																							0.5
PLUG	23-01	1.00	3																							0.6
PLUG	23-06	1.00	2																							0.5
PLUG	23-11	1.00	2																							0.7
PLUG	24-06	0.50	2																							0.5
PLUG	24-13	1.00	5																							1.3
PLUG	24-16	1.00	2																							0.5
PLUG	24-19	1.00	2																							0.5
PLUG	24-22	1.00	2																							0.5
PLUG	25-02	0.50	2																							0.5
PLUG	25-05	0.50	2																							0.5
PLUG	25-12	1.00						2																		0.9
PLUG	26-02	2.35		2																						0.5
PLUG	27-01	0.50	2																							0.5
PLUG	27-10	0.50	22																							3.1
PLUG	27-13	0.50	3																							0.7
PLUG	27-17	0.50	8																							2.3
PLUG	28-01	0.50						2																		0.8
PLUG	28-06	1.00						2																		1.4

△

DS-28B

**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  
 NB EXPRESS LANE RECONSTRUCTION  
**DRAINAGE SCHEDULE  
 PROPOSED STORM SEWERS**  
 SCALE: 1" = N.T.S.  
 DATE: 7/7/05  
 DRAWN BY: MJO  
 CHECKED BY: LPN

09/14/2005 04:42:06 PM



SCHEDULE OF STORM SEWERS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	144
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		* (1818, ETC, 2324.6-1P1R-8		

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, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL A 3, 48	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
29-13	DMH29-01	42.1	36	0.10%																										76.4	
29-16	29-13	55.4	30	0.13%												55.4														31.9	
30-03	29-16	127.7	30	0.15%												127.7														100.4	
30-07	30-03	97.7	27	0.17%											97.7															81.4	
30-11	30-07	97.7	27	0.21%											97.7															92.9	
30-16	30-11	98.2	24	0.43%										98.2																38.6	
29-15	29-16	0.8	12	1.00%						0.8																				16.1	
29-17	29-16	44.8	12	1.00%						44.8																				0.5	
EX P	29-14	3.0	12	0.43%																								3.0			
EX CB	29-17	1.0	12	1.00%																											
30-02	30-03	0.8	12	1.00%						0.8																					
30-04	30-03	44.7	12	1.00%						44.7																				11.5	
EX P	30-01	3.8	12	9.20%																									3.8	0.4	
30-06	30-07	0.8	12	1.00%						0.8																					
30-08	30-07	44.8	12	1.00%						44.8																				10.1	
EX P	30-05	5.0	12	0.43%																									5.0	0.3	
30-10	30-11	0.8	12	1.00%						0.8																					
30-12	30-11	46.2	12	1.00%						46.2																				16.1	
EX P	30-09	5.6	12	4.73%																									5.6	1.0	
30-13	30-12	35.7	12	1.00%						35.7																				6.3	
EX P	30-13	1.0	12	1.00%																											
30-15	30-16	1.3	12	1.00%																											
29-11	29-13	65.0	27	0.16%																					65.0					106.7	
29-07	29-11	120.0	27	0.18%											120.0															142.7	
29-03	29-07	122.5	27	0.21%											122.5															74.0	
29-02	29-03	1.3	12	1.00%						1.3																					
EX P	29-01	5.7	12	0.55%																									5.7	0.1	
29-04	29-03	43.7	12	1.00%						43.7																				11.1	
29-06	29-07	0.8	15	1.00%								0.8																			
29-08	29-07	44.8	12	1.00%						44.8																				4.0	
EX P	29-05	6.0	15	0.32%																									6.0	1.5	
29-10	29-11	0.8	12	1.00%																	0.8										
29-12	29-11	44.9	12	1.00%						44.9																				4.6	
30-21	DMH30-01	39.2	30	0.13%																						39.2				65.6	
30-23	30-21	97.7	30	0.17%																						97.7				172.2	
30-22	30-23	35.2	30	0.17%																						35.2				61.5	
31-02	30-22	95.4	30	0.17%																						95.4				169.6	
31-05	31-02	85.1	30	0.21%											85.1														99.4	△	
31-08	31-05	90.0	21	0.21%												90.0													77.5	△	
31-13	31-08	115.5	18	0.32%												115.5														33.2	
30-24	30-23	42.5	12	1.00%						42.5																				27.0	
31-01	31-02	5.0	12	1.00%																						5.0				3.9	
31-03	31-05	30.6	12	1.00%						30.6																				20.6	
31-04	31-05	4.9	12	1.00%						4.9																				2.4	△
31-07	31-08	0.8	12	1.00%						0.8																					

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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  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE SCHEDULES  
PROPOSED STORM SEWER PIPES  
SCALE: 1"=N.T.S.  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

DS-29

11/26/05 08:24:27 PM

SCHEDULE OF STORM SEWERS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	•	COOK	556	145
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		• (1818, ETC, 2324.6-IPR-B		

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, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
31-09	31-08	28.2	12	1.00%						28.2																			8.0	
EX MH	31-06	16.4	12	1.00%																							16.4	13.7		
31-10	31-09	48.1	12	1.00%						48.1																			11.2	
31-12	31-13	1.3	12	1.00%						1.3																			4.3	
31-14	31-13	26.8	12	1.00%						26.8																			4.3	
EX P	31-11	0.3	12	0.55%																							0.3		5.6	
31-15	31-14	46.9	12	1.00%						46.9																			0.4	
EX CB	31-15	5.9	12	1.00%						5.9																			14.9	
30-19	30-21	16.6	15	0.32%							16.6																		1.7	
30-18	30-19	1.3	12	1.00%						1.3																			6.0	
30-20	DMH30-01	17.7	12	1.00%						17.7																			70.3	
EX CB	30-17	10.9	12	1.00%																						45.0			62.9	
EX P	30-21	45.0	24	0.38%																									109.3	
32-15	JC32-01	50.0	42	0.10%															50.0										18.2	
33-09	32-15	124.8	30	0.21%												124.8													26.6	
33-16	33-09	61.8	27	0.44%											61.8														50.3	
33-20	33-16	86.0	21	0.44%																									7.7	
33-24	33-20	141.0	18	0.44%																									1.1	
33-08	33-09	0.8	18	1.00%																									2.2	
33-10	33-09	54.5	15	1.00%						54.5																			0.6	
33-05	33-08	9.7	12	1.00%						9.7																			0.4	
33-12	33-08	7.3	18	1.00%									7.3																0.6	
33-06	33-10	9.7	12	1.00%						9.7																			13.6	
33-13	33-10	7.3	12	1.00%						7.3																			6.2	
EX CB	33-04	13.6	12	1.00%																									6.2	
EX CB	33-11	21.5	18	1.00%									21.5																0.1	
33-15	33-16	1.3	12	1.00%						1.3																			0.1	
33-17	33-16	55.0	12	1.00%						55.0																			14.3	
33-14	33-15	2.0	12	1.00%						2.0																			1.8	
33-19	33-20	1.3	15	1.00%							1.3																		6.3	
33-21	33-20	55.0	12	1.00%						55.0																			1.8	
EX CB	33-21	0.9	12	1.00%						0.9																			231.8	
EX CB	33-18	1.8	15	1.00%																									74.8	
33-23	33-24	1.3	12	1.00%						1.3																			289.6	
33-25	33-24	55.0	12	1.00%						55.0																			131.2	
EX CB	33-22	1.8	12	1.00%																									1.0	
32-11	32-15	208.7	36	0.13%																									2.7	
32-07	32-11	75.0	30	0.13%																									1.0	
32-03	32-07	220.0	30	0.17%																									2.7	
31-18	32-03	140.5	27	0.32%												140.5													1.0	
32-16	JC32-01	4.5	12	1.00%						4.5																			2.7	
32-14	32-15	0.8	12	1.00%						0.8																			1.0	
33-02	32-14	11.0	12	1.00%						11.0																			2.7	
33-03	JC32-01	4.6	12	1.00%						4.6																			1.0	
32-10	32-11	0.8	15	1.00%							0.8																		1.0	

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ADDENDUM 1	8/12/05

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

DS-30

08/24/05

SCHEDULE OF STORM SEWERS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	146
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	* (1818, ETC, 2324.6-1P)R-8			

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, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
32-12	32-11	60.8	12	1.00%						60.8																				22.6
EX P	32-09	1.0	15	3.14%																								1.0		
EX CB	32-12	0.4	12	1.00%						0.4																				
32-06	32-07	0.8	12	1.00%						0.8																				
32-08	32-07	63.0	12	1.00%						63.0																				7.2
EX P	32-05	1.0	12	4.16%																							1.0			
32-02	32-03	0.8	21	1.00%																	0.8									
32-04	32-03	69.8	12	1.00%						69.8																				18.2
EX P	32-01	1.0	18	0.64%			1.0																							
EX CB	32-04	0.4	12	1.00%						0.4																				
31-17	31-18	1.3	12	1.00%						1.3																				
31-19	31-18	24.1	12	1.00%						24.1																				5.1
31-20	31-19	45.3	12	1.00%						45.3																				5.4
34-03	DMH34-01	50.4	24	0.17%									50.4																	35.0
34-04	DMH34-01	4.8	12	1.00%						4.8																				0.3
34-02	34-03	6.8	12	1.00%						6.8																				1.6
EX CB	34-01	2.2	12	1.00%																						2.2				0.1
34-09	DMH34-02	48.6	30	0.13%											48.6															47.7
34-12	34-09	27.8	24	0.32%									27.8																	21.2
34-07	34-09	163.2	24	0.25%									163.2																	169.4
34-06	34-07	1.3	18	1.00%								1.3																		
34-08	34-07	55.0	12	1.00%						55.0																				6.5
EX CB	34-05	2.9	12	1.00%																							2.9			0.3
EX P	34-05	1.0	18	0.25%			1.0																							
34-11	34-12	7.3	15	1.00%							7.3																			3.6
34-13	34-12	55.0	12	1.00%						55.0																				16.1
EX CB	34-10	2.0	15	1.00%																							2.0			0.1
34-14	34-13	41.0	12	1.00%						41.0																				7.9
EX CB	34-14	0.4	12	1.00%						0.4																				
35-19	JC35-01	48.9	36	0.11%														48.9												60.9
35-22	35-19	184.5	30	0.25%											184.5															207.5
35-21	35-22	1.3	15	1.00%							1.3																			
35-23	35-22	55.0	12	1.00%						55.0																				20.2
EX CB	35-20	1.6	15	1.00%																								1.6		
EX CB	35-23	1.0	12	1.00%						1.0																				
35-17	35-19	6.0	30	0.15%												6.0														3.9
35-10	35-17	48.5	30	0.21%												48.5														39.7
35-03	35-10	82.0	30	0.25%												82.0														65.1
35-02	35-03	1.3	12	1.00%						1.3																				
35-04	35-03	55.0	12	1.00%						55.0																				6.5
EX CB	35-01	1.7	12	1.00%																							1.7			0.0
35-09	35-10	0.8	15	1.00%							0.8																			
35-11	35-10	54.5	15	1.00%							54.5																			34.8
35-06	35-09	7.5	15	1.00%							7.5																			2.2
35-13	35-09	9.5	12	1.00%						9.5																				1.1

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REVISIONS	
NAME	DATE

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

DS-31

12-4603 7M 06/28/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	147
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62300	1818, ETC, 2324.6-IPR-8			

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, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
35-07	35-11	7.5	12	1.00%						7.5																			1.9	
35-14	35-11	9.5	12	1.00%						9.5																			0.7	
EX CB	35-07	1.0	12	1.00%						1.0																				
EX CB	35-05	1.7	15	1.00%																							1.7			
35-16	35-17	0.8	12	1.00%						0.8																				
35-18	JC35-01	5.6	12	1.00%						5.6																			1.3	
EX CB	35-15	1.8	12	1.00%																							1.8			
36-05	DMH36-01	49.6	21	0.21%																			49.6						72.6	
36-06	36-05	153.0	21	0.44%									153.0																150.4	
36-03	36-05	13.0	18	0.25%								13.0																	9.7	
36-02	36-03	1.3	12	1.00%						1.3																				
36-04	36-03	55.0	12	1.00%						55.0																			6.5	
EX CB	36-01	2.1	12	1.00%																							2.1		0.2	
EX MH	36-01	13.2	12	1.00%																							13.2		4.5	
EX P	36-06	12.2	12	1.00%						12.2																			6.9	
37-05	JC37-01	49.4	36	0.10%														49.4											74.4	
37-08	37-05	143.2	24	0.17%										143.2															146.0	
37-15	37-08	25.0	21	0.21%									25.0															18.9		
37-22	37-15	145.5	21	0.44%									145.5																47.5	
37-07	37-08	0.8	12	1.00%						0.8																				
37-09	37-08	54.5	12	1.00%						54.5																			6.3	
EX CB	37-06	2.3	12	1.00%																							2.3		0.1	
37-14	37-11	11.0	15	1.00%									11.0																6.2	
37-13	37-14	3.2	15	1.00%									3.2																0.3	
37-16	37-12	11.0	15	1.00%									11.0																1.0	
37-11	37-15	0.8	15	1.00%									0.8																3.7	
37-18	37-14	11.0	15	1.00%									11.0																0.1	
37-17	37-18	1.9	15	1.00%									1.9																	
EX CB	37-17	1.7	15	1.00%																								1.7		
37-12	37-15	54.5	15	1.00%									54.5																9.1	
37-19	37-16	11.0	12	1.00%						11.0																			0.8	
37-21	37-22	1.3	12	1.00%						1.3																				
37-23	37-22	55.0	12	1.00%						55.0																			6.4	
EX P	37-20	2.0	12	2.10%																							2.0			
EX CB	37-20	6.5	12	1.00%																							6.5		0.3	
37-03	37-05	26.8	30	0.15%												26.8													19.7	
36-11	37-03	205.1	30	0.21%												205.1													241.3	
36-07	36-11	135.4	21	0.44%										135.4															113.0	
36-08	36-07	8.1	15	1.00%								8.1																	5.1	
EX P	36-08	1.2	15	0.32%																								1.2		
36-10	36-11	0.8	12	1.00%						0.8																				
36-12	36-11	64.1	12	1.00%						64.1																			9.9	
36-09	36-10	2.8	12	1.00%						2.8																			1.1	
EX CB	36-09	2.8	12	1.00%																							2.8		0.4	
37-02	37-03	0.8	12	1.00%						0.8																				

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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  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE SCHEDULES  
PROPOSED STORM SEWER PIPES  
SCALE: 1"=N.T.S. DRAWN BY: JAM  
DATE: 07/07/05 CHECKED BY: DDM

DS-32

08/10/2005 08:26:03 PM

SCHEDULE OF STORM SEWERS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	148
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		* (1818, ETC, 2324.6-1P1R-B		

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, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
37-04	37-03	54.5	12	1.00%						54.5																				7.1
EX CB	37-01	2.1	12	1.00%																								2.1		0.2
EX CB	37-04	1.0	12	1.00%						1.0																				
38-03	JC38-01	52.4	42	0.10%															52.4											62.2
38-07	38-03	174.0	36	0.10%																					174.0					274.1
38-11	38-07	196.0	36	0.11%														196.0												219.9
39-03	38-11	185.0	36	0.13%																					185.0					272.3
39-07	39-03	170.0	33	0.17%													170.0													141.8
39-11	39-07	145.0	33	0.21%													145.0													106.4
39-15	39-11	105.5	30	0.32%											105.5															64.5
38-02	38-03	0.8	12	1.00%						0.8																				
38-04	JC38-01	7.2	12	1.00%						7.2																				1.9
EX CB	JC38-01	28.3	12	1.00%						28.3																				6.8
38-06	38-07	0.8	21	1.00%																		0.8								
EX P	38-01	13.8	12	2.10%																							13.8			2.8
38-08	38-07	54.5	12	1.00%						54.5																				49.6
EX CB	38-05	8.2	12	1.00%																								8.2		2.5
EX P	38-05	0.8	12	2.14%																								0.8		
EX CB	38-08	7.0	12	1.00%						7.0																				
38-10	38-11	0.8	12	1.00%						0.8																				
38-12	38-11	54.5	12	1.00%						54.5																				6.8
EX CB	38-09	8.5	12	1.00%																								8.5		2.0
EX P	38-09	2.1	12	2.10%																								2.1		0.2
EX CB	38-12	6.4	12	1.00%						6.4																				0.2
39-02	39-03	0.8	12	1.00%																		0.8								
39-04	39-03	54.5	12	1.00%						54.5																				6.1
EX P	39-01	8.4	12	0.75%																								8.4		4.2
EX CB	39-01	2.6	12	1.00%																								2.6		0.8
EX P	39-01	14.3	12	1.93%																								14.3		10.4
EX CB	39-04	1.0	12	1.00%						1.0																				
39-06	39-07	0.8	12	1.00%						0.8																				
39-08	39-07	54.5	12	1.00%						54.5																				10.5
EX CB	39-05	10.2	12	1.00%																							10.2			1.6
EX P	39-05	2.0	12	2.11%																								2.0		0.1
EX CB	39-08	7.1	12	1.00%						7.1																				0.6
39-10	39-11	0.8	12	1.00%						0.8																				
39-12	39-11	54.5	12	1.00%						54.5																				6.2
EX CB	39-09	8.3	12	1.00%																								8.3		0.9
EX P	39-09	1.9	12	2.11%																								1.9		0.1
39-14	39-15	1.3	12	1.00%						1.3																				
39-16	39-15	55.0	12	1.00%						55.0																				10.6
EX CB	39-13	8.9	12	1.00%																								8.9		0.6
EX P	39-13	2.1	12	2.11%																								2.1		0.1
EX CB	39-16	7.2	12	1.00%						7.2																				0.6
41-17	JC41-01	52.6	48	0.10%																52.6										104.8

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REVISIONS	
NAME	DATE

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

DS-33  
12-4603 PM  
06/28/2005

SCHEDULE OF STORM SEWERS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	149
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		• (1818, ETC, 2324.6-1PIR-8		

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, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
42-05	41-17	62.5	33	0.11%													62.5													54.3
42-14	42-05	141.1	27	0.15%											141.1															108.0
42-19	42-14	180.0	27	0.17%											180.0															149.1
42-23	42-19	220.0	21	0.32%										220.0																141.7
42-04	42-05	0.8	18	0.25%								0.8																		
42-06	42-05	54.5	15	1.00%							54.5																			15.9
42-02	42-04	19.9	12	0.44%						19.9																				5.3
42-08	42-04	12.1	15	0.32%							12.1																			3.6
42-03	42-06	19.9	12	1.00%						19.9																				1.8
42-09	42-06	12.1	12	1.00%						12.1																				0.9
42-07	42-08	0.7	15	1.00%							0.7																			
42-10	42-07	10.3	15	1.00%							10.3																			1.9
42-11	42-10	11.7	12	1.00%						11.7																				1.1
EX P	42-01	1.6	12	2.10%																							1.6			
EX IN	42-03	3.6	12	1.00%						3.6																				0.1
EX IN	42-06	0.9	12	1.00%						0.9																				
42-13	42-14	0.8	12	1.00%						0.8																				
42-15	42-14	54.4	12	1.00%						54.4																				9.0
EX IN	42-15	4.5	12	1.00%						4.5																				0.3
42-16	42-12	9.7	12	1.00%						9.7																				0.6
EX CB	42-12	7.1	12	1.00%																							7.1			0.6
EX P	42-12	1.6	12	2.00%																							1.6			
42-18	42-19	0.8	12	1.00%						0.8																				
42-20	42-19	51.3	12	1.00%						51.3																				7.4
EX IN	42-20	13.7	12	1.00%						13.7																				1.2
EX P	42-17	4.5	12	0.20%																								4.5		0.9
EX P	42-17	4.5	12	2.00%																								4.5		0.6
EX CB	42-17	8.2	12	1.00%																							8.2			1.0
42-22	42-23	0.8	12	1.00%						0.8																				
42-24	42-23	51.3	12	1.00%						51.3																				5.3
EX CB	42-21	1.5	12	1.00%																							1.5			
41-15	41-17	31.4	42	0.10%																31.4										45.6
41-11	41-15	125.0	42	0.10%																125.0										202.4
41-07	41-11	195.0	36	0.11%																					195.0					390.9
41-03	41-07	190.0	36	0.13%																										223.8
40-11	41-03	180.0	30	0.17%											180.0															191.3
40-07	40-11	145.5	21	0.25%										145.5																56.0
40-03	40-07	96.0	18	0.32%								96.0																		29.0
41-14	41-15	0.8	12	1.00%						0.8																				
41-16	41-15	54.5	12	1.00%						54.5																				7.1
EX CB	41-13	7.2	12	1.00%																								7.2		1.3
EX P	41-13	2.0	12	2.10%																								2.0		0.1
EX IN	41-16	3.4	12	1.00%						3.4																				0.1
41-10	41-11	0.8	12	1.00%						0.8																				
41-12	41-11	54.5	12	1.00%						54.5																				7.3

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

SCHEDULE OF STORM SEWERS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	150
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		* 0818, ETC. 2324.6-1P1R-8		

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, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
EX CB	41-09	6.8	12	1.00%																								6.8		1.6
EX P	41-09	2.0	12	2.10%																								2.0		0.1
EX CB	41-12	7.0	12	1.00%						7.0																				0.5
41-06	41-07	0.8	12	1.00%																	0.8									
41-08	41-07	54.5	12	1.00%						54.5																				7.0
EX CB	41-05	6.7	12	1.00%																								6.7		3.6
EX P	41-05	2.0	12	2.10%																								2.0		0.3
EX CB	41-08	6.0	12	1.00%						6.0																				
41-02	41-03	0.8	12	1.00%						0.8																				
41-04	41-03	54.5	12	1.00%						54.5																				
EX CB	41-01	2.7	12	1.00%																								2.7		0.3
EX P	41-01	4.0	12	0.80%																								4.0		0.9
EX CB	41-04	1.4	12	1.00%						1.4																				
40-10	40-11	0.8	12	1.00%						0.8																				
40-12	40-11	54.5	12	1.00%						54.5																				6.9
EX CB	40-09	6.6	12	1.00%																								6.6		1.1
EX P	40-09	2.0	12	2.04%																								2.0		0.1
EX CB	40-12	5.2	12	1.00%						5.2																				0.2
40-06	40-07	2.6	12	1.00%						2.6																				0.3
40-08	40-07	55.0	12	1.00%						55.0																				6.5
40-05	40-06	4.2	12	1.00%						4.2																				0.6
EX CB	40-05	6.7	12	1.00%																								6.7		0.4
EX P	40-05	1.1	12	2.11%																								1.1		
40-02	40-03	1.3	12	1.00%						1.3																				
40-04	40-03	55.0	12	1.00%						55.0																				7.0
EX CB	40-01	6.8	12	1.00%																								6.8		0.4
EX P	40-01	2.0	12	1.07%																								2.0		0.0
EX CB	40-04	5.9	12	1.00%																								5.9		0.2
44-01	JC44-01	49.5	42	0.10%																						49.5			115.7	
44-05	44-01	98.4	36	0.10%														98.4												155.8
44-13	44-05	123.3	33	0.11%													123.3													160.8
44-19	44-13	111.7	30	0.13%												111.7														133.1
45-03	44-19	215.0	27	0.21%											215.0															230.6
PLUG	44-01	7.5	12	1.00%																								7.5		7.8
44-04	44-05	0.8	12	1.00%						0.8																				
44-06	44-05	53.9	12	1.00%						53.9																				6.1
44-02	44-03	12.3	12	1.00%						12.3																				1.1
EX CB	44-02	1.6	12	1.00%																								1.6		
44-12	44-13	0.8	15	1.00%							0.8																			
44-14	44-13	54.3	15	1.00%							54.3																			6.9
44-09	44-12	5.9	15	1.00%							5.9																			3.3
44-07	44-08	5.7	12	1.00%						5.7																				0.4
44-15	44-12	12.7	12	1.00%						12.7																				1.0
44-10	44-14	5.9	12	1.00%						5.9																				0.4
44-16	44-14	12.7	12	1.00%						12.7																				0.9

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REVISIONS	
NAME	DATE

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

DS-35  
12-4607 PM  
06/28/2005



F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	596	151
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		• (1818, ETC, 2324.6-1P)R-8		

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, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
EX CB	44-08	1.4	12	1.00%																								1.4		
EX P	44-11	3.5	15	1.00%																								3.5	0.5	
44-18	44-19	0.8	12	1.00%						0.8																				
44-20	44-19	53.9	12	1.00%						53.9																				
44-21	44-20	76.0	12	1.00%						76.0																				
EX P	44-17	2.6	12	0.20%																								2.6	0.3	
EX CB	44-17	7.6	12	1.00%																								7.6	1.2	
EX IN	44-20	7.7	12	1.00%						7.7																			1.5	
EX CB	44-21	1.8	12	1.00%						1.8																				
45-02	45-03	0.8	12	1.00%						0.8																				
45-04	45-03	54.5	12	1.00%						54.5																			44.1	
EX P	45-01	8.3	12	1.00%																								8.3	2.5	
EX CB	45-01	12.9	12	1.00%																								12.9	2.0	
EX CB	45-04	1.4	12	1.00%						1.4																				
43-07	44-01	111.6	27	0.15%										111.6															130.9	
43-03	43-07	215.0	21	0.21%									215.0																238.9	
43-02	43-03	0.8	15	1.00%							0.8																			
43-04	43-03	51.3	12	1.00%						51.3																			5.4	
EX CB	43-01	4.8	12	1.00%																								4.8	0.9	
EX P	43-01	3.5	12	2.00%																								3.5	0.6	
43-06	43-07	0.8	12	1.00%						0.8																				
43-08	43-07	52.5	12	1.00%						52.5																			5.7	
EX CB	43-05	7.4	12	1.00%																								7.4	1.2	
EX P	43-05	4.7	12	3.10%																								4.7	2.0	
46-18	EX MH	89.3	36	0.11%																									122.4	
46-11	46-18	125.0	30	0.13%											125.0														159.4	
46-07	46-11	125.0	27	0.15%											125.0														82.3	
46-03	46-07	140.0	24	0.21%												140.0													87.8	
45-07	46-03	160.0	21	0.25%												160.0													64.7	
45-06	45-07	0.8	12	1.00%						0.8																				
45-08	45-07	54.5	12	1.00%						54.5																			14.3	
45-09	45-08	61.0	12	1.00%						61.0																			9.1	
EX CB	45-05	1.8	12	1.00%																								1.8		
EX CB	45-09	1.4	12	1.00%						1.4																				
46-02	46-03	0.8	12	1.00%						0.8																				
46-04	46-03	54.5	12	1.00%						54.5																			7.5	
EX CB	46-01	5.3	12	1.00%																								5.3	0.5	
EX P	46-01	2.6	12	2.00%																								2.6	0.2	
EX IN	46-04	4.3	12	1.00%						4.3																			0.3	
46-06	46-07	0.8	12	1.00%						0.8																				
46-08	46-07	54.5	12	1.00%						54.5																			6.7	
46-23	46-08	61.0	12	1.00%						61.0																			4.6	
EX CB	46-05	1.5	12	1.00%																								1.5		
EX CB	46-08	4.4	12	1.00%						4.4																			0.4	

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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  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE SCHEDULES  
PROPOSED STORM SEWER PIPES  
SCALE: 1"=N.T.S.  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

DS-36

08/07/2005 08:26:57 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	152
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	* (1818, ETC, 2324.6-IP1R-8			

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, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
EX CB	46-23	1.6	12	1.00%						1.6																				
46-10	46-11	0.8	12	1.00%						0.8																				
46-12	46-11	54.5	12	1.00%						54.5																				6.0
46-09	46-10	1.9	12	1.00%						1.9																				0.1
46-17	46-21	9.5	15	1.00%																										5.9
46-19	46-22	9.5	12	1.00%						9.5																				3.0
46-14	46-17	17.0	12	1.00%						17.0																				10.2
46-21	46-18	1.3	15	1.00%																										
46-15	46-19	17.1	12	1.00%						17.1																				5.6
46-22	46-18	59.7	15	1.00%																										43.7
46-13	46-14	1.9	12	1.00%						1.9																				
46-16	46-17	6.9	15	1.00%																										3.6
46-20	46-21	1.9	12	1.00%						1.9																				0.2
EX CB	46-20	6.4	12	1.00%																										6.4
EX P	46-20	1.3	12	2.63%																										1.3
TOTALS					4889	1062	68	135	0	2533	1034	2219	2438	1671	1748	2650	501	2467	827	53	8	314	151	66	664	555	50	374	21	19929

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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  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE SCHEDULES  
PROPOSED STORM SEWER PIPES  
SCALE: 1"=N.T.S  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

DS-37

14860000001148 SHEETS 660-1485010148

SCHEDULE OF PIPE UNDERDRAINS

F.A.I. SHEETS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	556	153
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62300		* (1818, ETC, 2324.6-1PIR-8		

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)	
2369+92	2367+00	LT	292	1-01	6
2373+95	2369+92	LT	403	1-04	6
2373+95	2375+84	LT	189	2-03	0
2375+84	2377+93	LT	209	2-08	0
2380+65	2377+93	LT	272	2-08	0
2381+46	2380+65	LT	81	3-03	0
2382+94	2381+46	LT	148	3-11	0
2384+70	2382+94	LT	176	3-06	0
2386+52	2384+70	LT	182	3-10	5
2386+52	2390+14	LT	362	4-02	6
2390+14	2392+73	LT	259	5-03	6
2396+08	2392+73	LT	335	5-03	6
2391+58	2392+58	RT	100	5-07	0
2396+08	2392+88	RT	320	5-09	0
2399+32	2396+08	LT	324	5-11	6
2397+69	2396+08	RT	161	5-12	0
2399+32	2397+69	RT	163	6-02	0
2402+58	2399+32	LT	326	6-03	6
2402+58	2399+32	RT	326	6-04	0
2402+58	2404+85	LT	227	7-01	6
2402+58	2404+85	RT	227	7-05	0
2404+85	2406+52	LT	167	7-06	4
2404+85	2406+52	RT	167	7-03	4
2406+52	2407+59	LT	107	7-07	6
2406+52	2407+66	RT	114	7-08	0
2408+02	2407+66	RT	36	7-08	0
6017+90	6016+26	RT	164	8-02	0
6019+20	6017+90	RT	130	8-06	0
2411+00	2411+80	RT	80	8-10	0
2411+80	2412+58	RT	78	8-13	0
2414+36	2412+88	RT	148	8-15	0
2416+18	2414+36	RT	182	9-02	0
2418+05	2416+18	RT	187	9-06	0
2419+82	2418+05	RT	177	9-08	0
2421+64	2419+82	RT	182	10-02	0
2423+22	2421+64	RT	158	10-05	0
2425+51	2423+00	LT	251	10-07	1
2425+51	2423+22	RT	229	10-09	0
2425+51	2429+03	LT	352	11-05	6
2425+51	2427+45	RT	194	11-03	0
2427+45	2429+13	RT	168	11-06	0
2429+03	2432+67	LT	364	12-02	6
2429+13	2430+91	RT	178	11-10	0
2430+91	2432+69	RT	178	12-03	0
2432+67	2434+49	LT	182	12-06	6
2432+69	2434+47	RT	178	12-07	0
2434+49	2437+13	LT	264	13-21	0
2434+47	2436+98	RT	251	12-13	0
2438+89	2437+13	LT	176	13-02	6
2438+90	2437+28	RT	162	13-05	0
2440+94	2438+89	LT	205	13-12	6
2440+95	2438+90	RT	205	13-13	0
2443+45	2440+94	LT	251	13-17	6
2443+45	2440+95	RT	250	13-18	0
2443+45	2445+61	LT	216	14-01	6
2443+45	2445+63	RT	218	14-03	0
2445+61	2447+72	LT	211	14-05	6
2445+63	2447+72	RT	209	14-06	0
2447+72	2450+56	LT	284	15-11	0
2447+72	2450+40	RT	268	15-08	0
2453+44	2450+56	LT	288	15-11	0
2453+52	2450+70	RT	282	15-10	0
2455+50	2453+44	LT	206	15-20	6
2455+50	2453+52	RT	198	15-21	0
2455+50	2457+64	LT	214	16-02	6
2455+50	2457+60	RT	210	16-03	0
2457+64	2460+44	LT	280	17-02	6

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)	
2457+60	2460+25	RT	265	17-05	0
2463+26	2460+44	LT	282	17-04	6
2463+03	2460+55	RT	248	17-08	0
2465+20	2463+26	LT	194	17-12	6
2465+32	2463+03	RT	229	17-13	0
2467+39	2465+20	LT	219	17-17	6
2467+39	2465+32	RT	207	17-15	0
2467+39	2469+44	LT	205	18-04	6
2467+39	2469+44	RT	205	18-03	0
2469+44	2471+50	LT	206	18-07	6
2469+44	2471+50	RT	206	18-05	0
2471+50	2473+83	LT	233	19-07	6
2471+50	2473+68	RT	218	19-10	0
2475+98	2473+83	LT	215	19-07	6
2475+98	2473+98	RT	200	19-12	0
2478+04	2475+98	LT	206	19-17	6
2478+05	2475+98	RT	207	19-18	0
2480+10	2478+04	LT	206	20-02	6
2480+11	2478+05	RT	206	20-03	0
2481+99	2480+10	LT	189	20-05	6
2482+16	2480+11	RT	205	20-06	0
2484+22	2481+99	LT	223	20-08	6
2484+22	2482+16	RT	206	20-09	0
2486+28	2484+22	LT	206	21-02	6
2486+28	2484+22	RT	206	21-03	0
2488+35	2486+28	LT	207	21-05	6
2488+35	2486+28	RT	207	21-06	0
2488+35	2490+54	LT	219	22-04	6
2488+35	2490+54	RT	219	22-02	0
2490+54	2492+60	LT	206	22-08	6
2490+54	2492+60	RT	206	22-06	0
2492+60	2494+66	LT	206	22-14	6
2492+60	2494+66	RT	206	22-11	0
2494+66	2496+72	LT	206	23-04	6
2494+66	2496+72	RT	206	23-02	0
2496+72	2498+78	LT	206	23-08	6
2496+72	2498+92	RT	220	23-06	0
2498+78	2500+84	LT	206	23-10	6
2498+92	2500+90	RT	198	23-11	0
2500+84	2503+70	LT	286	24-10	6
2500+90	2503+55	RT	265	24-05	0
2506+53	2503+70	LT	283	24-10	6
2504+91	2503+84	RT	107	24-07	0
2506+64	2504+91	RT	173	24-16	0
2508+64	2506+53	LT	211	24-20	6
2508+37	2506+64	RT	173	24-19	0
2510+75	2508+64	LT	211	25-03	6
411+14	2508+37	RT	211	25-02	0
2512+86	2510+75	LT	211	25-07	6
412+85	411+14	RT	171	25-04	0
414+59	412+85	RT	174	25-09	0
2515+37	2512+86	LT	251	25-11	6
416+75	414+59	RT	216	25-14	0
417+36	416+75	RT	61	26-01	0
2515+37	2517+86	LT	249	26-06	6
2515+37	2517+86	RT	249	26-04	0
2517+86	2519+97	LT	211	26-08	6
2517+86	2520+14	RT	228	27-02	0
2519+97	2523+27	LT	330	27-12	6
2520+14	2522+19	RT	205	27-05	0
2522+19	2524+37	RT	218	27-14	0
2523+27	2525+75	LT	248	27-16	6
2524+37	2526+32	RT	195	28-01	0
2525+75	2527+94	LT	219	28-09	6
2526+32	2527+79	RT	147	28-04	0
2530+00	2527+79	LT	221	28-09	6
2530+00	2528+09	RT	191	28-06	0

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FAX: (312) 251-3015  
WEB: WWW.EXCORP.COM

REVISIONS	
NAME	DATE

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

DS-38

06/27/2005 07:38:12 PM

SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)
2531+37.5	2530+00.0	RT	JOB LIMIT	
2531+39.0	2530+00.0	LT	JOB LIMIT	6.7
2532+67.5	2531+41.5	RT	29-02	
2532+69.0	2531+40.0	LT	29-04	8.4
2533+84.9	2532+71.5	RT	29-06	
2533+94.0	2532+70.0	LT	29-08	8.4
2533+66.3	2533+94.0	LT	29-12	5.5
2535+22.5	2533+96.5	RT	29-10	
2535+24.0	2533+95.0	LT	29-12	8.3
2536+52.5	2535+26.5	RT	29-15	
2536+54.0	2535+25.0	LT	29-17	8.2
2537+52.5	2536+56.5	RT	30-02	
2537+54.0	2536+55.0	LT	30-04	8.3
2538+52.5	2537+56.5	RT	30-06	
2538+54.0	2537+55.0	LT	30-08	9.7
2539+52.5	2538+56.5	RT	30-10	
2540+42.5	2539+56.5	RT	30-15	
2541+64.0	2538+55.0	LT	30-12	6.1
2543+15.5	2540+46.5	RT	30-18	
2543+16.5	2543+31.6	RT	31-03	3.3
2543+15.5	2541+65.0	LT	30-24	6.1
2542+59.3	2544+50.0	RT	31-07	
2543+16.5	2544+50.0	LT	31-10	6.1
2544+51.8	2545+67.7	RT	31-12	
2544+51.0	2545+70.0	LT	31-15	6.1
2545+71.7	2547+27.7	RT	31-17	
2545+71.0	2547+30.0	LT	31-20	6.1
2547+31.7	2548+72.6	RT	32-02	
2547+31.0	2548+85.0	LT	32-04	6.0
2548+76.6	2550+97.6	RT	32-06	
2548+86.0	2551+00.0	LT	32-08	6.1
2551+01.6	2551+77.5	RT	32-10	
2551+01.0	2551+80.0	LT	32-12	6.1
2551+81.5	2553+92.5	RT	32-14	
2551+81.0	2553+83.0	LT	32-16	6.0
2553+96.5	2554+07.5	RT	33-02	
2553+84.0	2554+10.0	LT	33-03	6.1
2554+11.5	2555+08.5	RT	33-05	
2554+11.0	2555+23.7	LT	33-10	6.1
2555+12.5	2555+21.2	RT	33-08	
2555+32.5	2555+26.2	RT	33-08	
2555+87.2	2555+36.5	RT	33-12	
2555+89.0	2555+23.7	LT	33-10	6.1
2556+77.5	2555+92.0	RT	33-15	
2556+79.0	2555+90.0	LT	33-17	6.0
2558+22.5	2556+81.5	RT	33-19	
2558+24.0	2556+80.0	LT	33-21	6.1
2560+17.5	2558+26.5	RT	33-23	
2560+19.0	2558+25.0	LT	33-25	6.0
2561+60.4	2560+21.5	RT	34-02	
2561+60.4	2560+20.0	LT	34-04	6.0
2561+61.4	2563+08.5	RT	34-06	

SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)
2561+61.4	2563+10.0	LT	34-08	6.0
2563+12.5	2565+08.5	RT	34-11	
2563+11.0	2565+10.0	LT	34-13	6.0
2565+12.5	2566+98.5	RT	35-02	
2565+11.0	2567+00.0	LT	35-04	6.1
2567+02.5	2567+73.5	RT	35-06	
2567+01.0	2567+86.5	LT	35-11	6.1
2567+77.5	2567+84.0	RT	35-09	
2567+97.5	2567+89.0	RT	35-09	
2568+37.5	2568+01.5	RT	35-13	
2568+39.0	2567+86.5	LT	35-11	6.0
2570+37.5	2568+41.5	RT	35-16	
2570+39.0	2568+40.0	LT	35-18	6.0
2572+42.5	2570+41.5	RT	35-21	
2572+44.0	2570+40.0	LT	35-23	6.1
2574+47.3	2572+46.5	RT	36-02	
2574+47.3	2572+45.0	LT	36-04	6.1
2574+48.3	2577+48.0	RT	36-10	
2574+48.3	2577+15.0	LT	36-12	6.1
2577+52.8	2579+58.5	RT	37-02	
2577+16.0	2579+60.0	LT	37-04	6.1
2579+62.5	2581+38.5	RT	37-07	
2579+61.0	2581+40.0	LT	37-09	6.0
2581+42.5	2581+68.5	RT	37-11	
2581+41.0	2581+85.0	LT	37-16	6.0
2581+72.5	2581+83.0	RT	37-14	
2581+97.2	2581+87.0	RT	37-14	
2583+19.0	2581+85.0	LT	37-16	6.0
2586+12.5	2584+31.5	RT	38-02	
2586+14.0	2584+50.0	LT	38-04	6.0
2588+12.5	2586+16.5	RT	38-06	
2588+14.0	2586+15.0	LT	38-08	6.1
2590+02.5	2588+16.5	RT	38-10	
2590+04.0	2588+15.0	LT	38-12	6.1
2591+77.5	2590+06.5	RT	39-02	
2591+79.0	2590+05.0	LT	39-04	6.1
2593+27.5	2591+81.5	RT	39-06	
2593+29.0	2591+80.0	LT	39-08	6.0
2594+37.5	2593+31.5	RT	39-10	
2594+39.0	2593+30.0	LT	39-12	6.0
2596+06.5	2594+41.5	RT	39-14	
2596+06.5	2594+40.0	LT	39-16	6.0
2596+07.5	2597+68.5	RT	40-02	
2596+07.5	2597+70.0	LT	40-04	6.1
2597+72.5	2598+68.5	RT	40-06	
2597+71.0	2598+70.0	LT	40-08	6.1
2598+72.5	2600+18.5	RT	40-10	
2598+71.0	2600+20.0	LT	40-12	6.0
2600+22.5	2602+03.5	RT	41-02	
2600+21.0	2602+05.0	LT	41-04	6.1
2602+07.5	2603+98.5	RT	41-06	
2602+06.0	2604+00.0	LT	41-08	6.1
2604+02.5	2605+98.5	RT	41-10	

SCHEDULE OF PIPE UNDERDRAINS 62300

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)
2604+01.0	2606+00.0	LT	41-12	6.0
2606+02.5	2607+28.5	RT	41-14	
2606+01.0	2607+30.0	LT	41-16	6.1
2607+32.5	2608+08.5	RT	42-02	
2607+31.0	2608+33.9	LT	42-06	6.1
2608+12.5	2608+31.9	RT	42-04	
2608+47.5	2608+35.9	RT	42-04	
2609+77.5	2608+51.5	RT	42-08	
2609+79.0	2608+33.9	LT	42-06	5.9
2611+62.5	2609+81.5	RT	42-13	
2611+64.0	2609+80.0	LT	42-15	2.8
2613+87.5	2611+66.5	RT	42-18	
2613+89.0	2611+65.0	LT	42-20	2.8
2615+34.1	2613+91.5	RT	42-22	
2615+34.1	2613+90.0	LT	42-24	2.8
2615+35.1	2617+43.5	RT	43-02	
2615+35.1	2617+45.0	LT	43-04	2.8
2617+47.5	2619+63.5	RT	43-06	
2617+46.0	2619+65.0	LT	43-08	2.8
2619+67.5	2621+83.5	RT	44-04	
2619+66.0	2621+85.0	LT	44-06	4.1
2621+87.5	2623+01.9	RT	44-09	
2621+86.0	2623+13.3	LT	44-14	5.4
2623+27.2	2623+14.8	RT	44-12	
2624+27.5	2623+32.0	RT	44-15	
2624+29.0	2623+13.3	LT	44-14	5.4
2625+09.0	2624+30.0	LT	44-20	6.1
2626+47.5	2624+31.5	RT	44-18	
2626+49.0	2625+10.0	LT	44-21	6.0
2628+90.7	2626+51.5	RT	45-02	
2628+90.7	2626+50.0	LT	45-04	6.0
2628+91.7	2630+93.5	RT	45-06	
2628+91.7	2630+95.0	LT	45-08	6.1
2630+97.5	2632+58.5	RT	46-02	
2630+96.0	2632+60.0	LT	46-04	6.1
2632+62.5	2634+03.5	RT	46-06	
2632+61.0	2634+05.0	LT	46-08	6.1
2634+07.5	2635+33.0	RT	46-10	
2634+06.0	2635+35.0	LT	46-12	6.0
2635+37.8	2636+28.0	RT	46-14	
2635+36.0	2636+51.0	LT	46-19	6.0
2636+32.8	2636+49.0	RT	46-17	
2636+62.2	2636+53.0	RT	46-17	
2637+47.0	2636+67.0	RT	46-21	
2637+48.5	2636+51.0	LT	46-19	10.7
<b>TOTALS:</b>			<b>49364</b>	<b>748</b>

F.A.I. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 154
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
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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  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE SCHEDULES  
PROPOSED PIPE UNDERDRAINS  
SCALE: 1"=N.T.S. DRAWN BY: JAM  
DATE: 07/07/05 CHECKED BY: DDM

DS-39  
08/10/2005 08:27:44 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	155
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TABLE OF PIPE UNDERDRAIN ELEVATIONS

STATION	ELEVATION
2423+00	-2.48
2424+00	-1.95
2425+00	-1.42
2426+00	-1.06
2427+00	-1.24
2428+00	-1.78
2429+00	-2.37
2430+00	-2.97
2431+00	-3.57
2432+00	-4.17
2433+00	-4.77
2434+00	-5.37
2435+00	-5.97
2436+00	-6.59
2451+00	-7.33
2452+00	-6.54
2453+00	-5.50
2454+00	-4.77
2455+00	-4.40
2456+00	-4.36
2457+00	-4.66
2458+00	-5.29
2459+00	-6.23
2460+00	-7.08
2461+00	-7.29
2462+00	-6.83
2463+00	-5.76
2464+00	-4.60
2465+00	-3.55
2466+00	-2.83
2467+00	-2.44
2468+00	-2.39
2469+00	-2.67
2470+00	-3.30
2471+00	-4.26
2472+00	-5.46
2473+00	-6.38
2474+00	-6.66
2475+00	-6.34
2477+00	-4.37
2478+00	-3.31
2479+00	-2.25
2480+00	-1.18
2481+00	-0.12
2482+00	0.94
2483+00	2.00
2484+00	3.05

STATION	ELEVATION
2485+00	4.12
2486+00	5.08
2487+00	5.72
2488+00	EXPRESS
2489+00	EXPRESS
2490+00	EXPRESS
2491+00	4.78
2492+00	3.78
2493+00	2.76
2494+00	1.74
2495+00	0.71
2496+00	-0.31
2497+00	-1.33
2498+00	-2.35
2499+00	-3.37
2500+00	-4.45
2501+00	-5.47
2503+00	-7.29
2504+00	-7.43
2505+00	-6.87
2506+00	-5.63
2507+00	-4.20
2508+00	-2.77
2509+00	-1.34
2510+00	0.09
2511+00	1.52
2512+00	2.87
2513+00	3.89
2514+00	4.56
2515+00	4.89
2516+00	4.93
2530+00	-9.09
2531+00	-7.72
2532+00	-6.23
2533+00	-4.97
2534+00	-3.26
2535+00	-1.67
2536+00	-0.22
2537+00	1.12
2538+00	2.51
2539+00	3.64
2540+00	4.39
2541+00	4.80
2542+00	4.93
2543+00	5.16
2543+00	5.61
2544+00	5.04

STATION	ELEVATION
2545+00	4.03
2546+00	2.69
2547+00	1.14
2548+00	-0.42
2549+00	-1.97
2550+00	-3.53
2551+00	-5.09
2552+00	-6.64
2553+00	-8.20
2554+00	-9.34
2555+00	-9.82
2556+00	-9.63
2557+00	-8.77
2558+00	-7.59
2559+00	-6.44
2560+00	-5.62
2561+00	-5.20
2562+00	-5.17
2563+00	-5.54
2564+00	-6.31
2565+00	-7.44
2566+00	-8.64
2567+00	-9.56
2568+00	-9.80
2569+00	-9.34
2570+00	-8.19
2571+00	-6.52
2572+00	-5.02
2573+00	-4.00
2574+00	-3.47
2575+00	-3.42
2576+00	-3.87
2577+00	-4.81
2578+00	-6.23
2579+00	-8.13
2580+00	-9.77
2581+00	-10.70
2582+00	-10.92
2583+00	-10.43
2584+00	-9.24
2585+00	-7.34
2586+00	-5.08
2587+00	-2.84
2588+00	-0.78
2589+00	1.03
2590+00	2.60
2591+00	3.93

STATION	ELEVATION
2592+00	5.01
2593+00	5.86
2594+00	6.46
2595+00	6.81
2596+00	6.92
2597+00	6.80
2598+00	6.42
2599+00	5.81
2600+00	4.95
2601+00	3.85
2602+00	2.50
2603+00	0.91
2604+00	-0.92
2605+00	-2.97
2606+00	-4.72
2607+00	-5.91
2608+00	-6.55
2609+00	-6.63
2610+00	-6.15
2611+00	-5.24
2612+00	-4.30
2613+00	-3.35
2614+00	-2.61
2615+00	-2.28
2616+00	-2.36
2617+00	-2.85
2618+00	-3.76
2619+00	-4.87
2620+00	-5.98
2621+00	-7.09
2622+00	-8.11
2623+00	-8.50
2624+00	-8.16
2625+00	-7.18
2626+00	-6.11
2627+00	-5.04
2628+00	-4.06
2629+00	-3.66
2630+00	-3.92
2631+00	-4.78
2632+00	-5.75
2633+00	-6.72
2634+00	-7.70
2635+00	-8.67
2636+00	-9.30
2637+00	-9.25

SCHEDULE OF PIPE UNDERDRAIN 12"

STATION	OFFSET	TO STATION	OFFSET	PIPE UNDERDRAIN 12" (FT)
2534+68.9	54.8' RT	2934+65.0	39.5' RT	10.8
2540+22.0	14.08' LT	2540+18.3	41.2' RT	61.9
2548+58.8	8.71' LT	2548+58.1	75.1' RT	83.8
2623+00.1	9.28' LT	2622+99.8	66.2' RT	76.0
2636+49.1	12.17' LT	2636+48.7	53.9' RT	64.1
2636+51.0	56.79' RT	2636+48.6	63.8' RT	7.5
TOTAL				304

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CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
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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  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE SCHEDULES  
PROPOSED PIPE UNDERDRAINS  
SCALE: 1"=N.T.S.  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

DS-40

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SCHEDULE OF JUNCTION CHAMBERS

STR. #	EXISTING STRUCTURE TYPE	STATION	OFFSET	TF	MAINDRIAN DROP MANHOLE NO.	PROPOSED JUNCTION CHAMBER TYPE 1	INVERT (N) (PIPE DIA.)	INVERT (S) (PIPE DIA.)	INVERT (W) (PIPE DIA.)	INVERT (E) (PIPE DIA.)	INVERT (OTHERS) (PIPE DIA.)	JACKING AND/OR JUNCTION CHAMBER CONST BRACED EXC.	RECEIVING PIT BRACED EXC.	TRENCH BACKFILL JACKING PIT (CY)	TRENCH BACKFILL RECEIVING PIT (CY)
DMH 3-01	B-1C	2380+11	1	-6.11	NO. 1		-30.55	-30.55	-18.63 (36")	-17.97 (24")	-12.46 (N) (24")	406.6	53.8	294.69	24.21
JC T1 4-01	SPECIAL	2387+01	-4	0.38		NO. 1						368	0	264.49	0
DMH 5-01	B-1C	2391+41	-8	-3.72	NO. 2		-31.7	-31.7	-14.39 (36")	-14.39 (30")	-10.1 (N) (12")	354.8	46.9	242.89	19.64
DMH 6-01	B-1C	2398+63	-2	2.91	NO. 3		-32.78	-32.78	-14.39 (36")	-16.31 (42")		594.2	78.6	482.29	42.91
JC T1 7-01		2407+35	-3	3.4		NO. 2	-33.54	-33.54		-10.43		172.4	0	76.04	0
DMH 8-01	B-1C	2411+68	-3.5	-0.05	NO. 4		-35.36	-35.36	-13.32 (36")	-12.29 (27")		427.6	56.6	315.69	25.99
DMH 9-01		2417+25	4	1.5	NO. 5		-35.40	-35.40	-18.64 (36")	-18.64 (42")		619.9	82	507.99	49.98
JC T2 10-01	B36S	2423+23	-2	4.62		NO. 3	-36.29	-36.29	-10.40 (36")	-10.4 (24")	-2.94 (S) (12")	476.6	63	321.06	30.18
JC T2 11-01	B24S	2429+82	-4	2.31		NO. 4	-36.82	-36.82	-10.99 (42")	-10.99 (42")	-3.93 (S) (12")	428.4	56.7	272.86	26.18
JC T2 13-01	B34S	2437+54	-8	-1.28		NO. 5	-37.44	-37.44	-11.18 (42")	-11.18 (42")		129.6	0	36.86	0
JC T2 14-01	B24N	2445+54	-16	1.63		NO. 6	-38.09	-38.09	-10.45 (36")	-11.51 (30")	-9.55 (S) (12")	394.2	52.1	238.66	23.74
JC T2 15-01	B36S	2450+62	-8	-2.1		NO. 7	-38.49	-38.49	-12.14 (36")	-12.14 (30")	-9.02 (S) (15")	337.1	44.6	181.56	18.32
JC T2 17-01	B36S	2460+76	-8	-2.01		NO. 8	-39.30	-39.30	-10.76 (36")	-10.76 (30")	-8.44 (S) (15")	301	39.8	145.46	15
JC T2 17-02	B24S	2465+33	-7	1.94		NO. 9	-39.67	-39.67	-9.78 (36")	-9.78 (27")	-8.04 (S) (12")	384.2	50.8	228.66	22.2
JC T2 22-01	B24S	2494+18	-5	6.72		NO. 10	-40.69	-40.69	-5.17 (30")	-1.41 (S) (12")	-2.61 (N) (12")	151.2	0	58.46	0
JC T2 25-01	B24N	2510+45	-6	6.23		NO. 11	-43.13	-43.13	-7.74 (30")	0.09 (N) (12")		173.9	0	81.16	0
JC T2 26-01	B24S	2517+50	-7	9.12		NO. 12	-43.58	-43.58	-4.33 (24")	-1.29 (N) (12")		168.2	0	75.46	0
JC T2 27-01	B36S	2522+92	-5	1.99		NO. 13	-43.88	-43.88	-5.96 (30")	-4.81 (N) (12")		108.3	0	15.56	0
TOTALS												5,996.0	625.0	3,840.0	298.0

SCHEDULE OF JACKED SEWERS

UPSTREAM STR. (CONTRACT 62302)	DOWN STREAM STR. (CONTRACT 62300)	SLOPE %	SEWER UPSTREAM INVERT	SEWER DOWNSTREAM INVERT	CASING UPSTREAM INVERT	CASING DOWNSTREAM INVERT	STORM SEWERS JACKED IN PLACE, CLASS A 36"	STORM SEWERS JACKED IN PLACE, CLASS A 42"	CASING 48"	CASING 60"	NUMBER OF PITS
3-01	DMH 3-01	0.22	-18.52	-18.63	-19.02	-19.13	48		48		2
5-05	DMH 5-01	0.15	-14.32	-14.39	-14.82	-14.89	48		48		2
6-08	DMH 6-01	0.30	-14.23	-14.39	-14.73	-14.89	55		55		2
7-11	707	0.15	-11.78	-11.87	-12.28	-12.37	59		59		2
8-19	DMH 8-01	0.15	-13.25	-13.32	-13.75	-13.82	47		47		2
9-11	907	0.15	-12.79	-12.87	-13.29	-13.37	52		52		2
10-06	JC T2 10-01	0.15	-10.29	-10.40	-10.79	-10.90	71		71		2
11-01	JC T2 11-01	0.23	-10.83	-10.99	-11.58	-11.74		71		71	2
14-08	JC T2 14-01	0.16	-10.33	-10.45	-10.83	-10.95	72		72		2
15-06	JC T2 15-01	0.30	-11.94	-12.14	-12.44	-12.64	65		65		2
17-04	JC T2 17-01	0.15	-10.70	-10.76	-11.20	-11.26	41		41		2
17-18	JC T2 17-02	0.20	-9.70	-9.78	-10.20	-10.28	42		42		2
TOTAL							600	71	600	71	

DS-41



ONE NORTH FRANKLIN  
CHICAGO, IL 60606  
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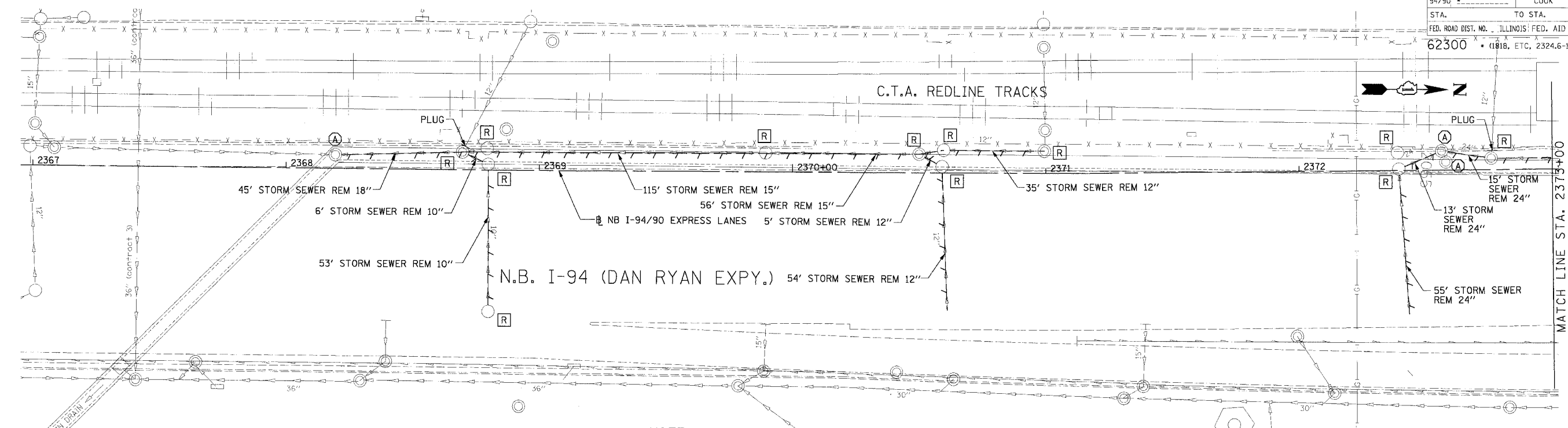
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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

DRAINAGE SCHEDULE  
JUNCTION CHAMBERS AND JACKING

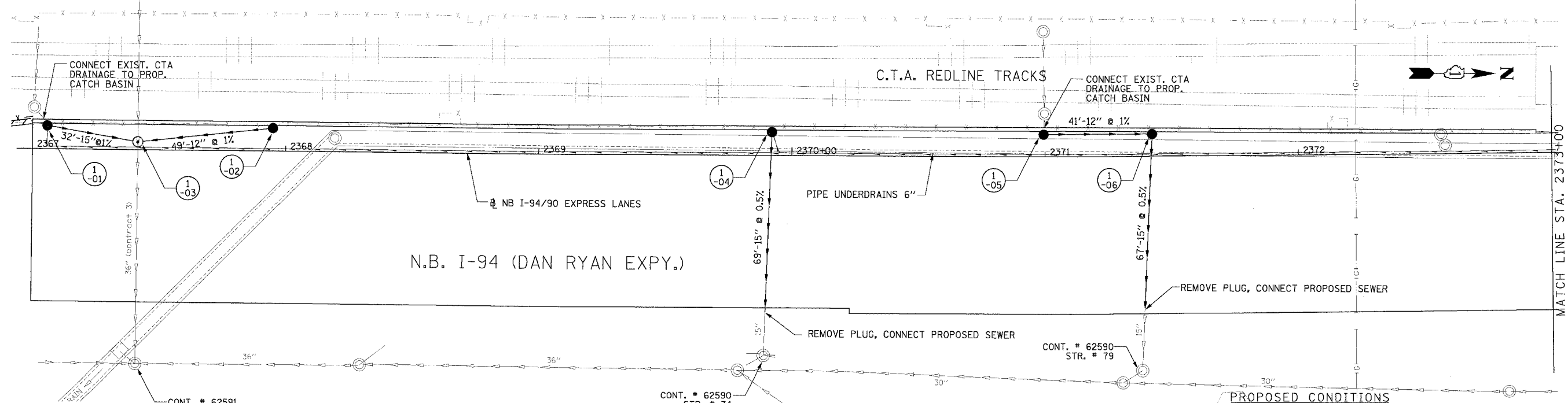
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**NOTE:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

**Edwards and Kelcey**  
 ONE NORTH FRANKLIN  
 CHICAGO, IL 60606  
 PHONE: (312) 251-3000  
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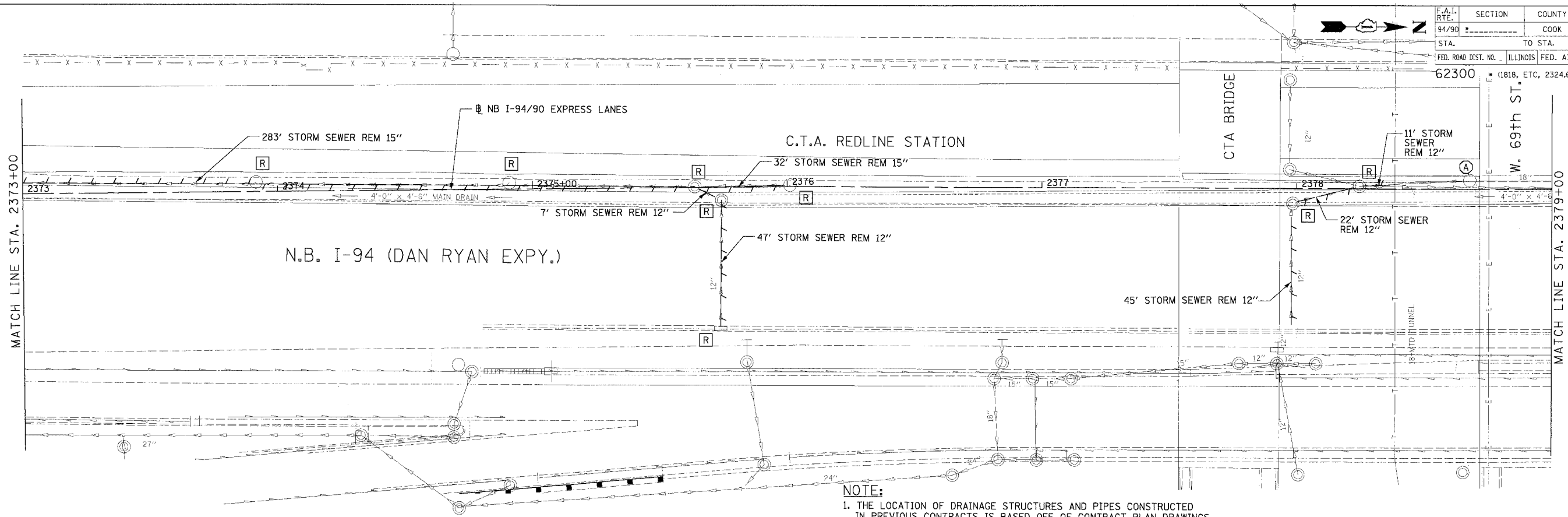
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2367+00 TO STA. 2373+00  
 SCALE: 0' 10' 20' 30' 40'  
 DATE: 7/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

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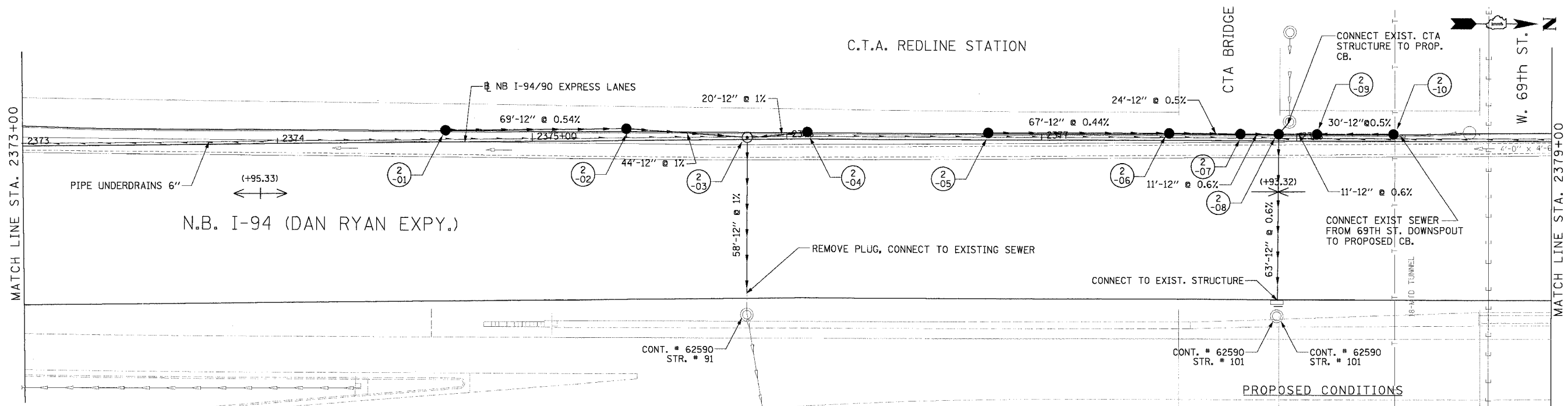


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	158
STA.	TO STA.		FED. ROAD DIST. NO.	
62300	62300		ILLINOIS FED. AID PROJECT	
(1818, ETC, 2324.6-1PR-8				



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EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

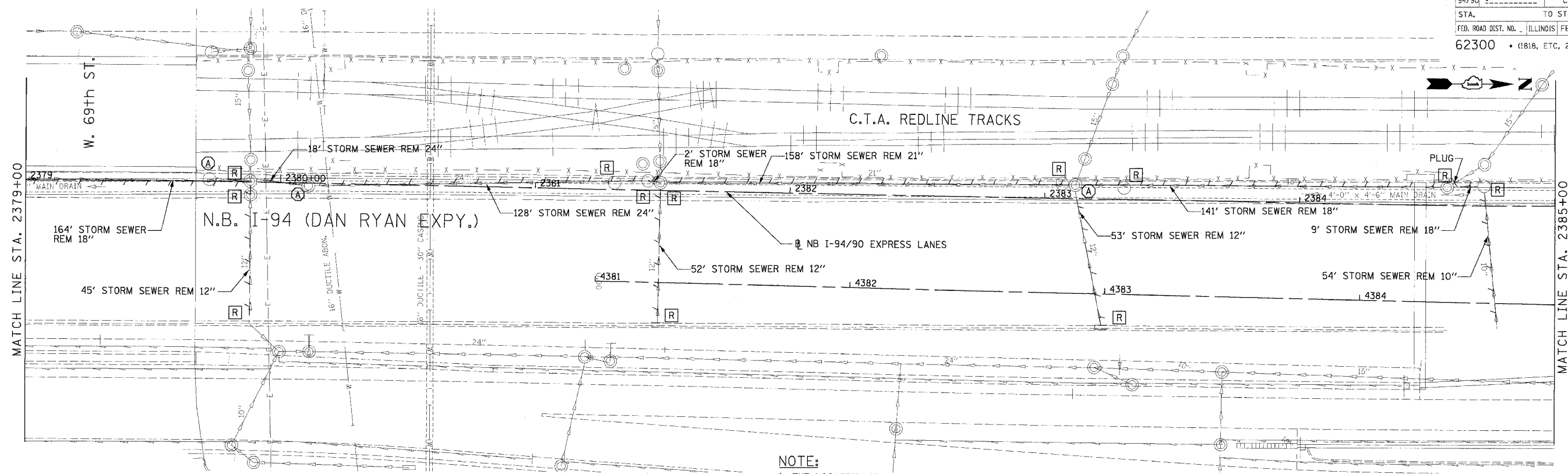
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2373+00 TO STA. 2379+00  
 SCALE: 0' 10' 20' 30' 40' 1"=20'  
 DATE: 7/7/05 DRAWN BY: LPN  
 CHECKED BY: PJM

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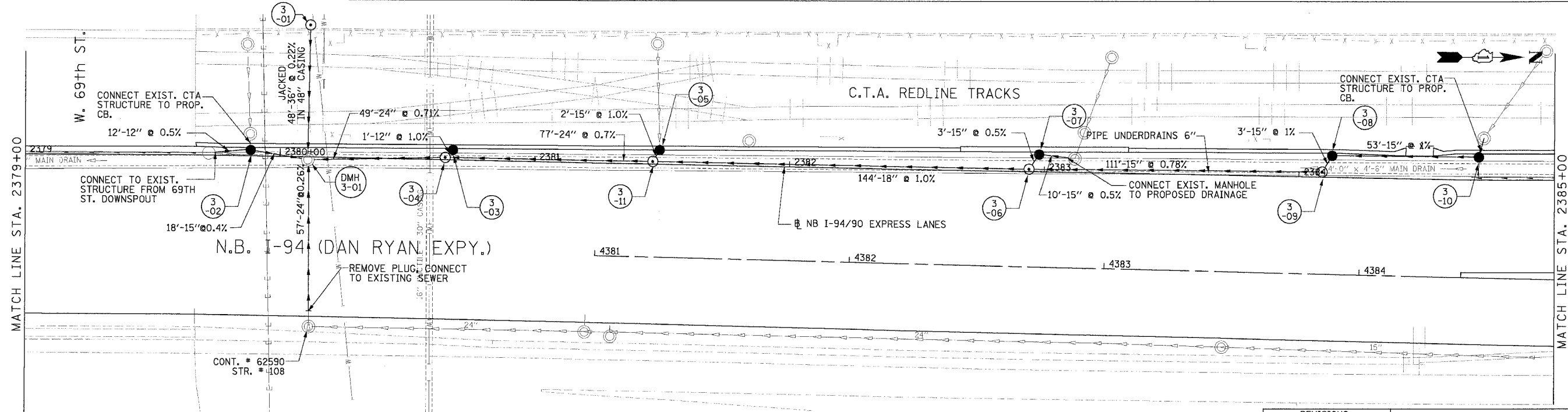
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F.A.I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	159
STA.	TO STA.			
62300	ILLINOIS		FED. AID PROJECT	
FED. ROAD DIST. NO. 1818, ETC. 2324.6-1PJR-B				



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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  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2379+00 TO STA. 2385+00

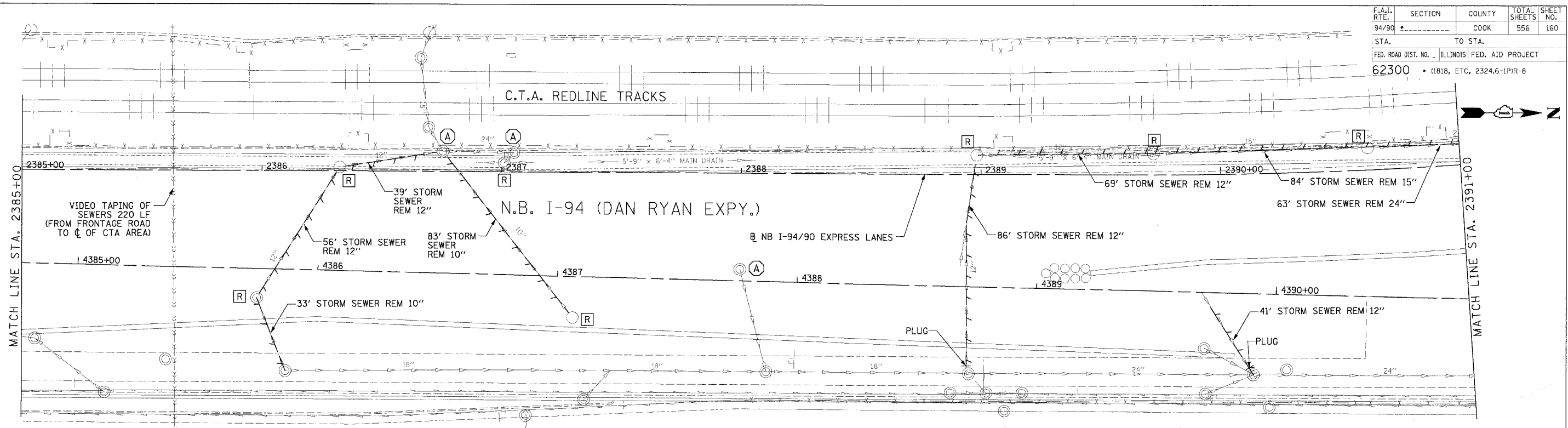
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 DATE: 7/7/05

DRAWN BY: LPN  
 CHECKED BY: PJM

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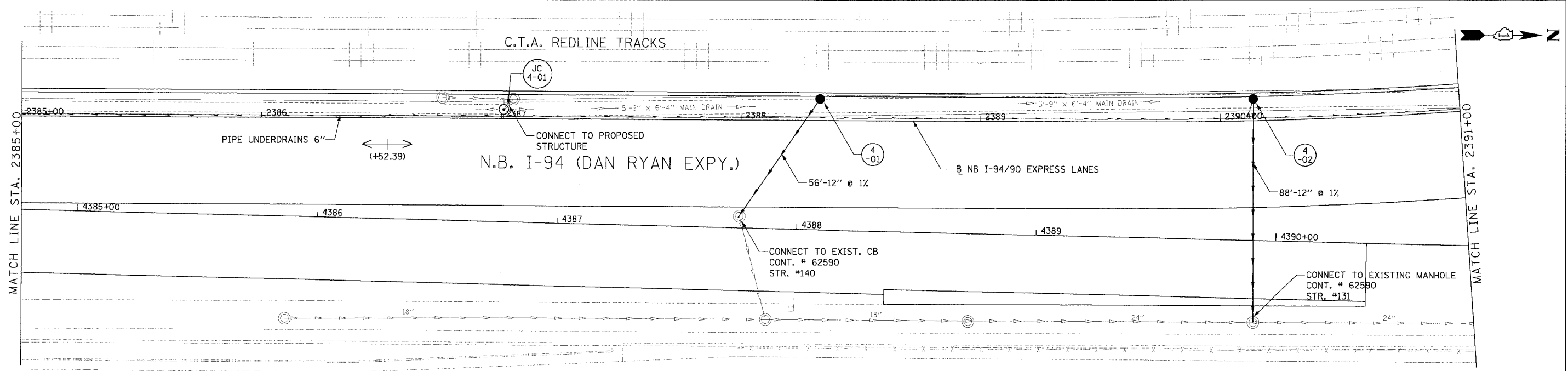
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	160
STA.	TO STA.			
62300	1818, ETC. 2324.6-1PIR-8			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**NOTE:**  
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EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-4

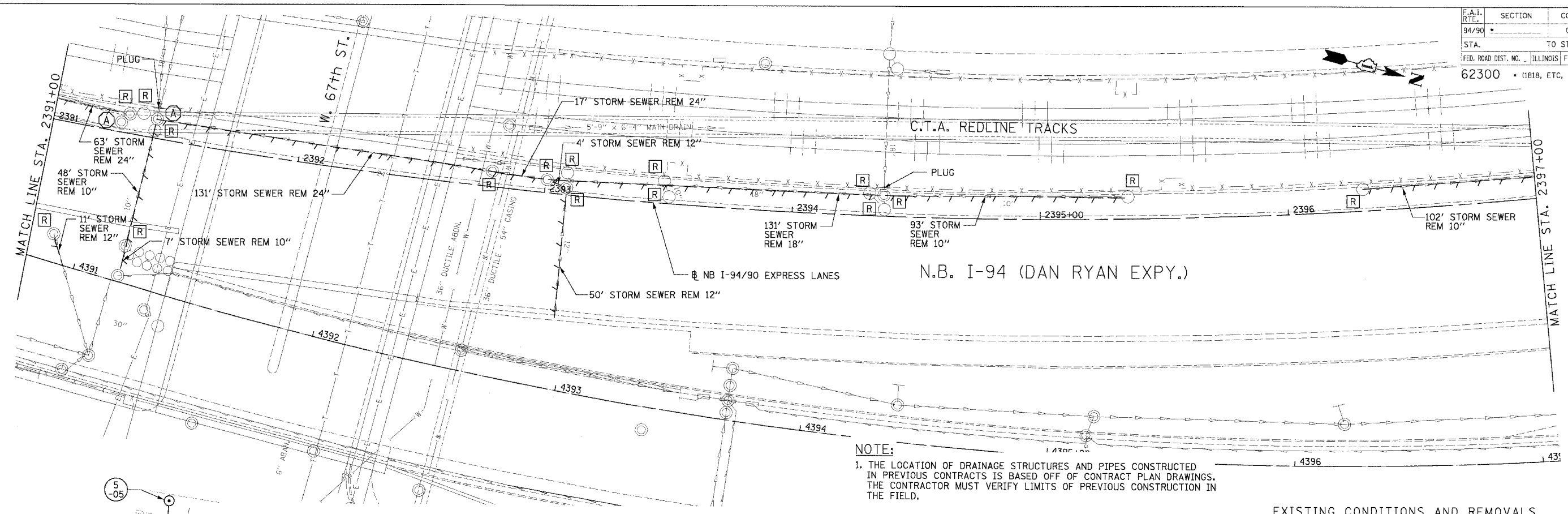
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2385+00 TO STA. 2391+00  
 SCALE: 0' 10' 20' 30' 40' 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

**Edwards AND Kelcey**  
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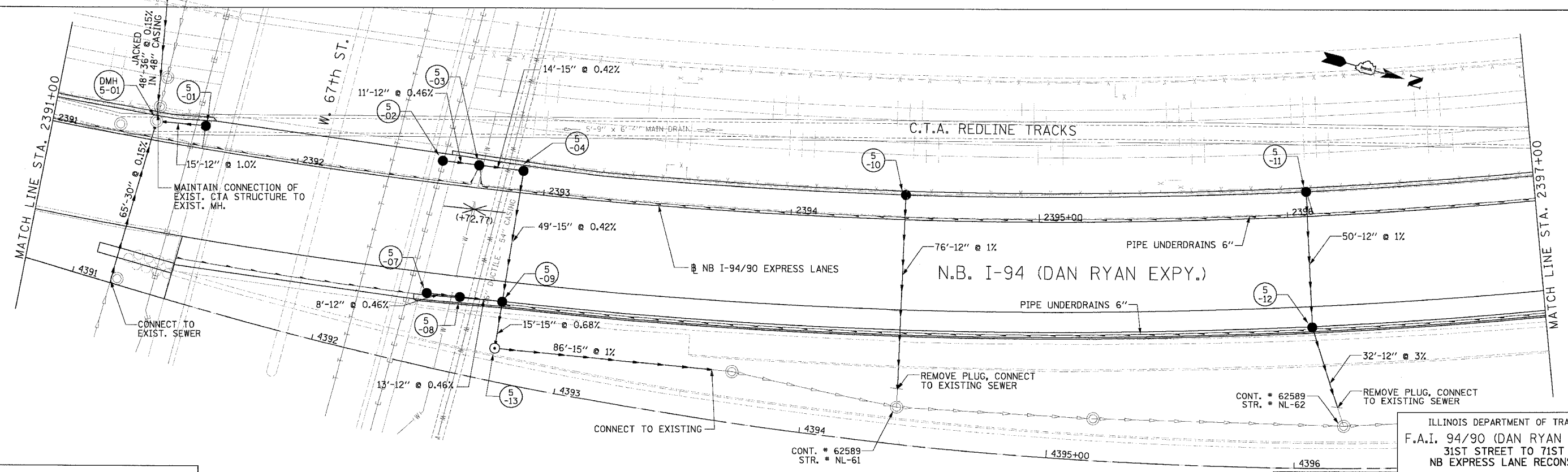
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F.A.I. SECTION COUNTY TOTAL SHEETS SHEET NO.	94/90	COOK	556	161
STA. TO STA.	62300 • 01818, ETC, 2324.6-1P1R-8			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

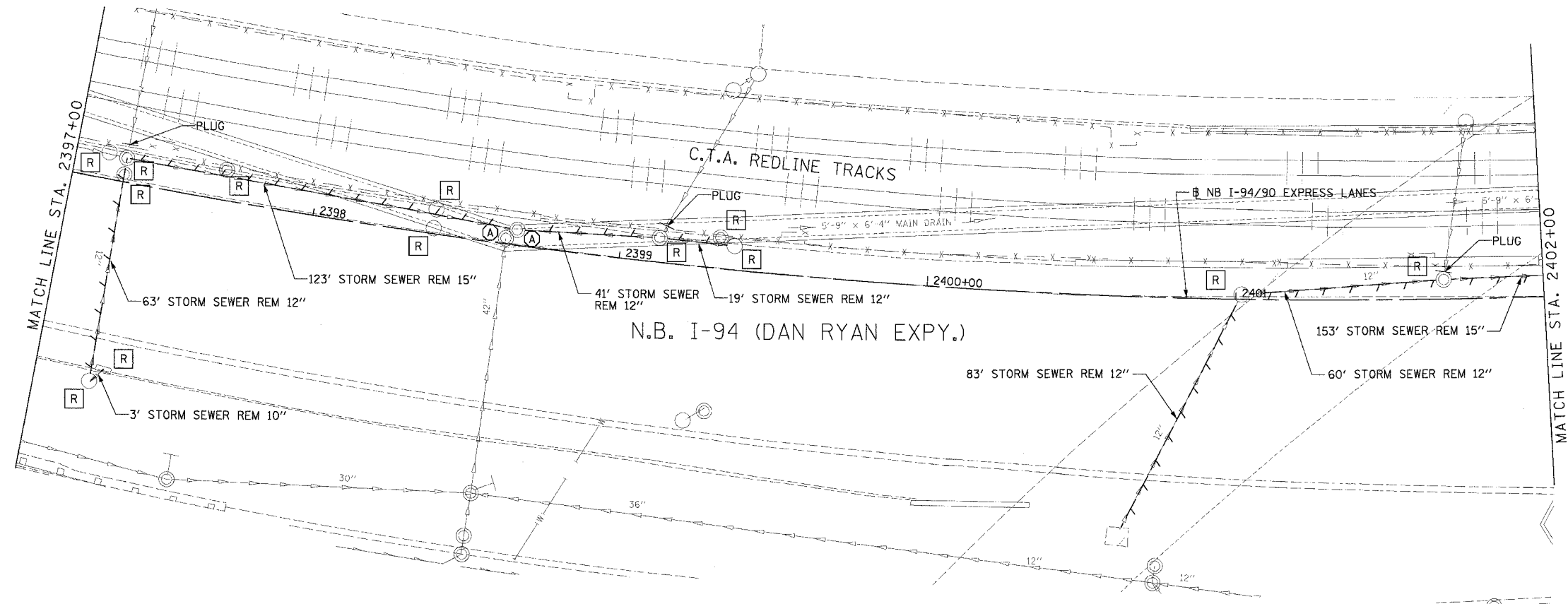
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REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2391+00 TO STA. 2397+00  
 SCALE: 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

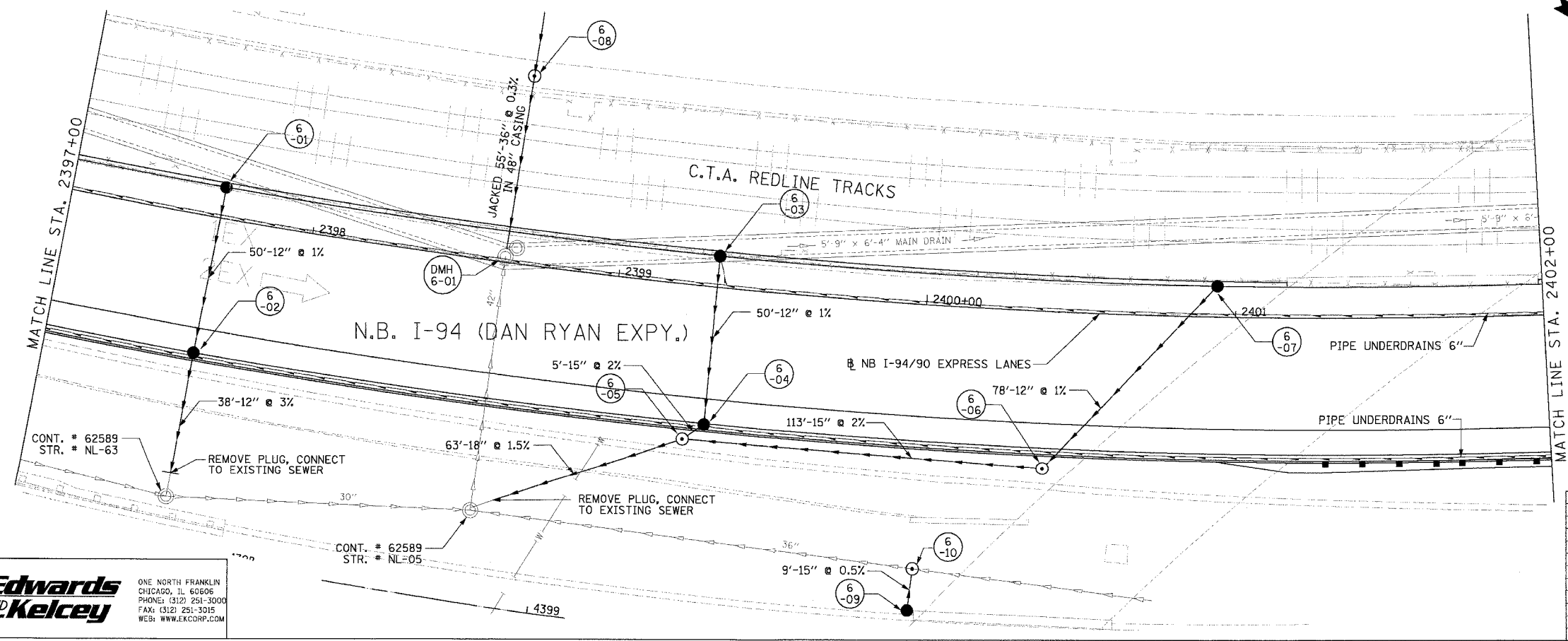
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
94/90		COOK	556 162
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
62300	• (181B, ETC, 2324.6-1)R-8		



**NOTE:**  
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EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

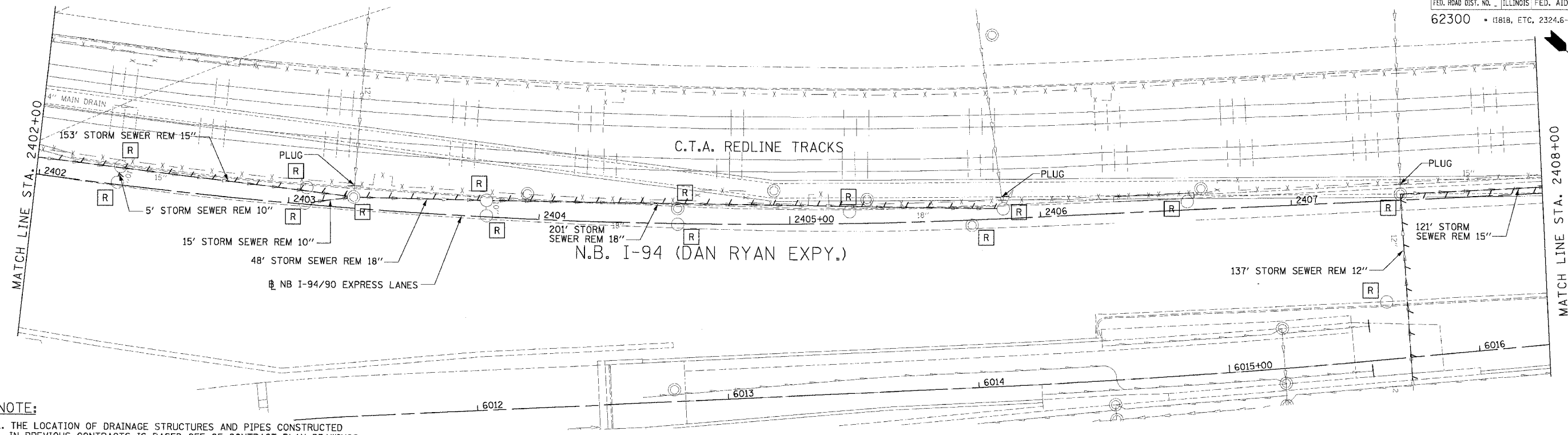
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2397+00 TO STA. 2402+00  
 SCALE: 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

**Edwards AND Kelcey**  
 ONE NORTH FRANKLIN  
 CHICAGO, IL 60606  
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 FAX: (312) 251-3015  
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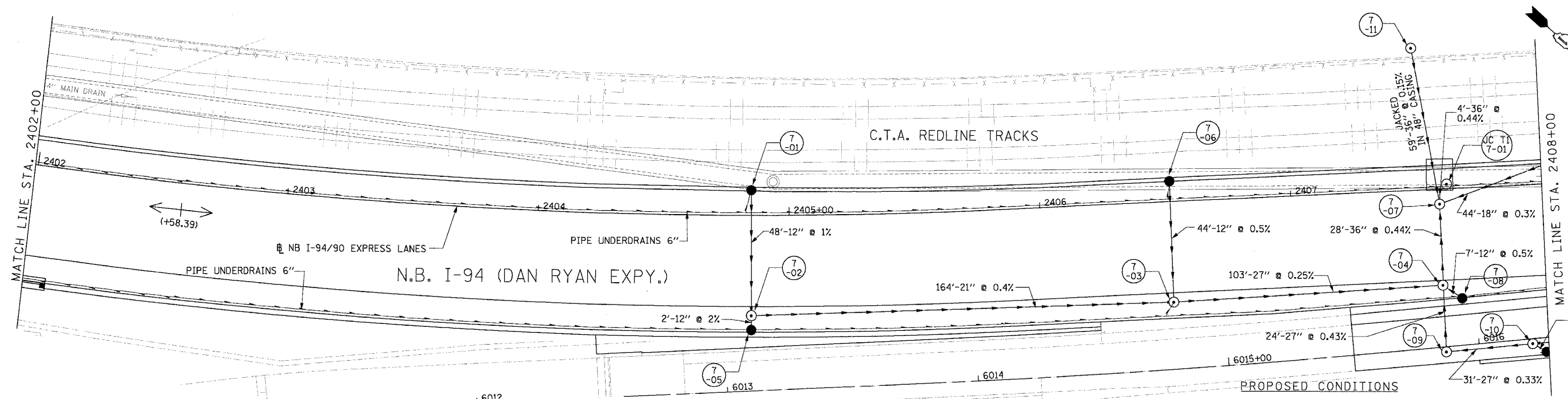
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	163
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62300 • (181B, ETC, 2324.6-1PR-8				



**NOTE:**

1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

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  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2402+00 TO STA. 2408+00

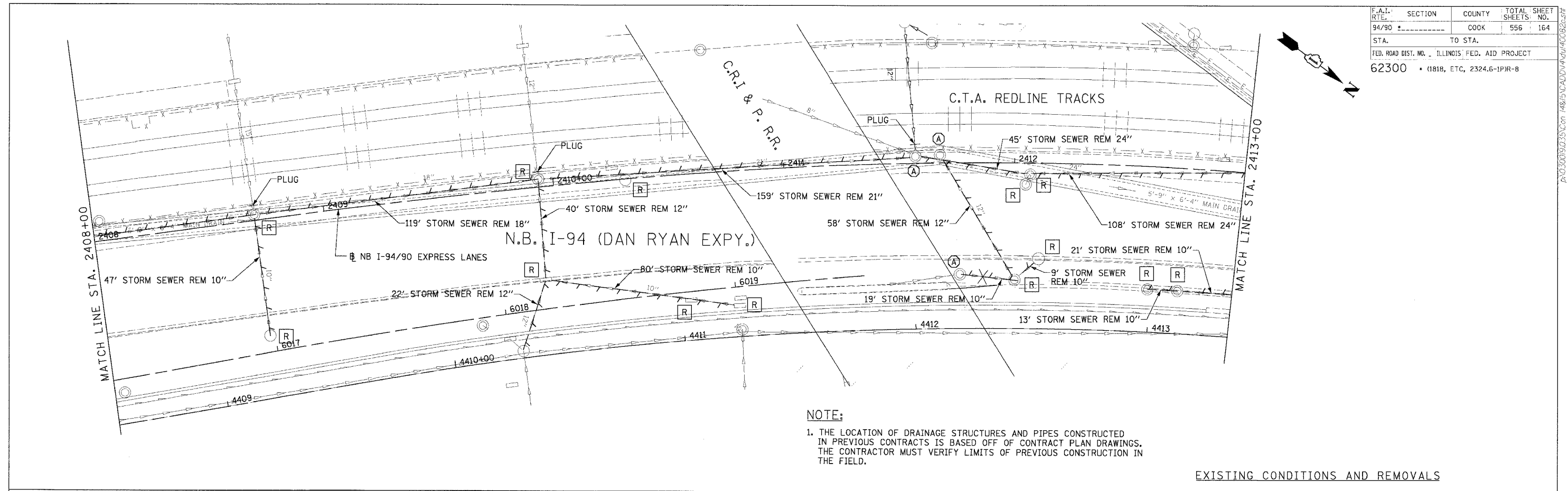
SCALE: 0' 10' 20' 30' 40' 1"=20'  
 DATE: 7/1/05

DRAWN BY: LPN  
 CHECKED BY: PJM

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

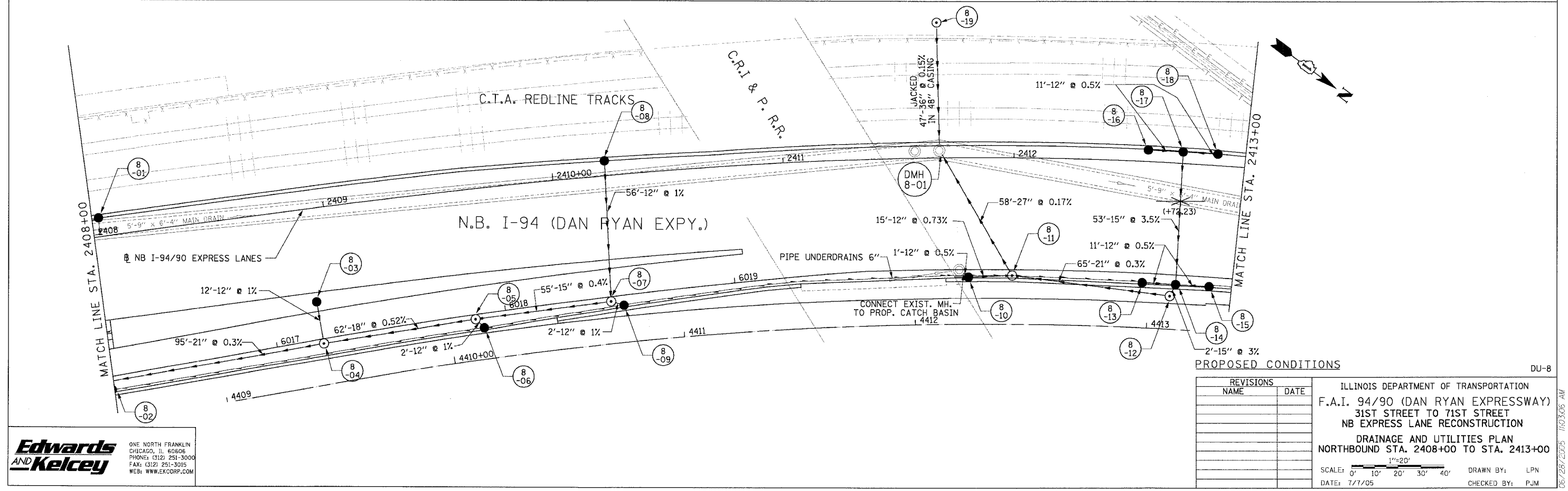
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F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	556	164
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
62300		181B, ETC, 2324.6-1PR-8	



**NOTE:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

REVISIONS	
NAME	DATE

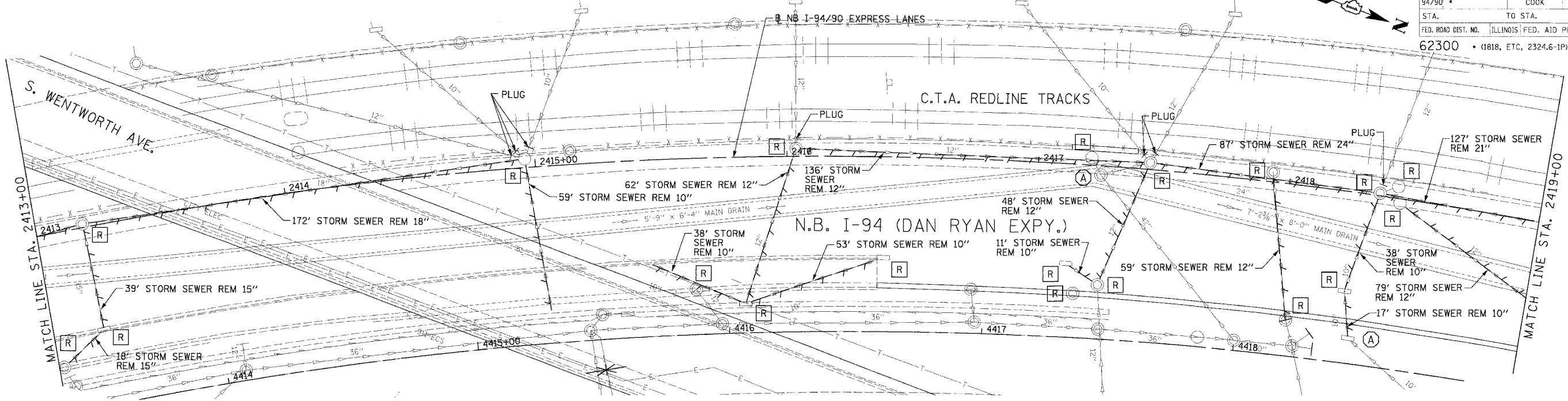
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2408+00 TO STA. 2413+00  
 SCALE: 0' 10' 20' 30' 40' 1"=20'  
 DATE: 7/7/05 DRAWN BY: LPN  
 CHECKED BY: PJM

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

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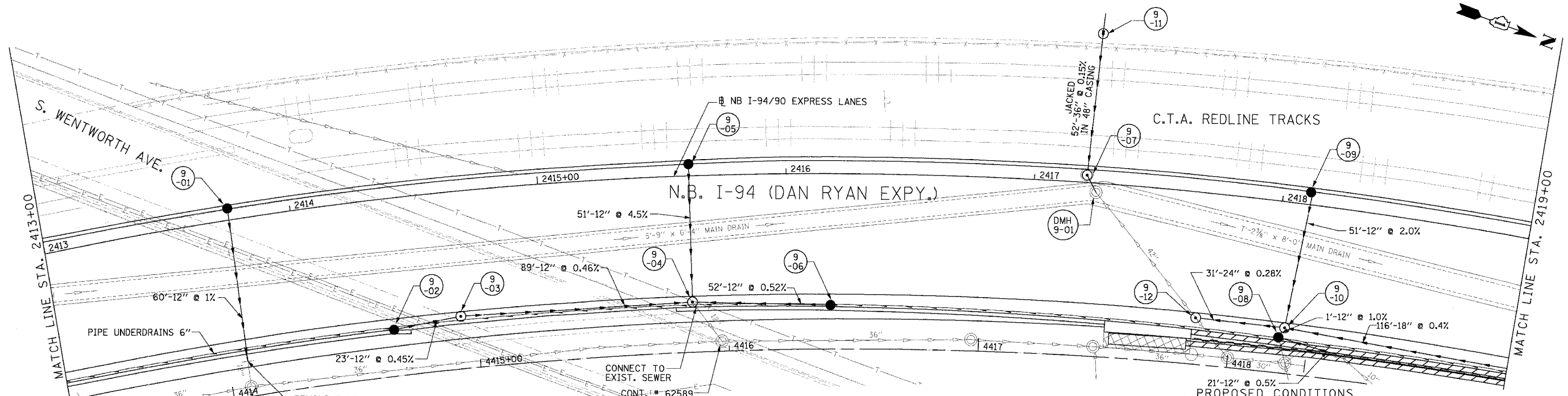


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	165
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		(1818, ETC, 2324.6-1PIR-8		



**NOTE:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

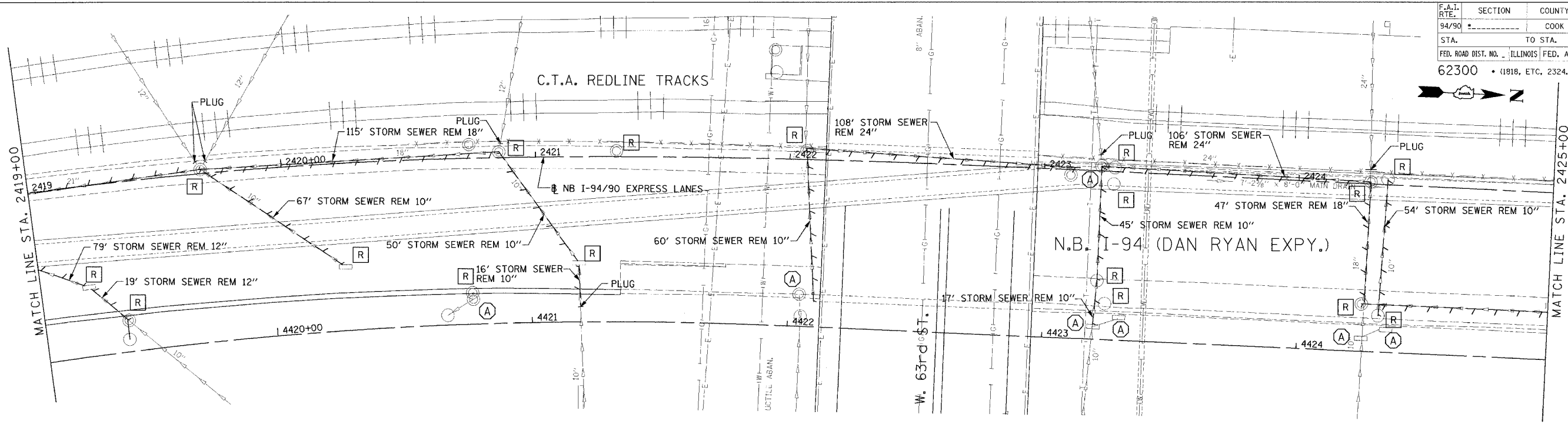
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2413+00 TO STA. 2419+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) 231-3015  
 WEB: WWW.EKCORP.COM

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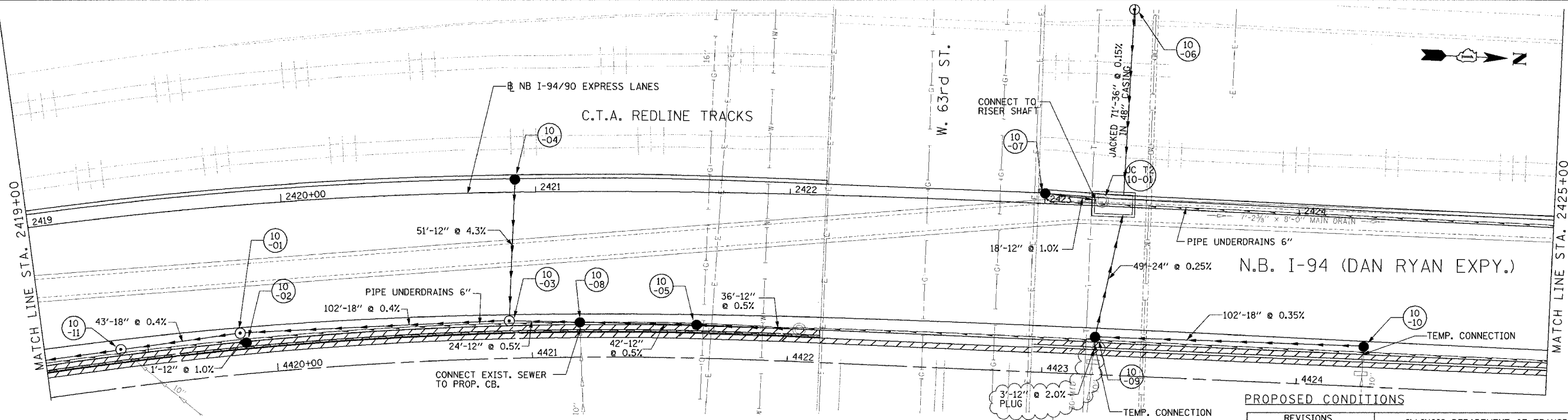
F.A.I. RITE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	166
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	(1818, ETC. 2324.6-1PR-8			



**NOTES:**

1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

**EXISTING CONDITIONS AND REMOVALS**



**PROPOSED CONDITIONS**

REVISIONS		
NO.	NAME	DATE
ADDENDUM 2		9/16/05

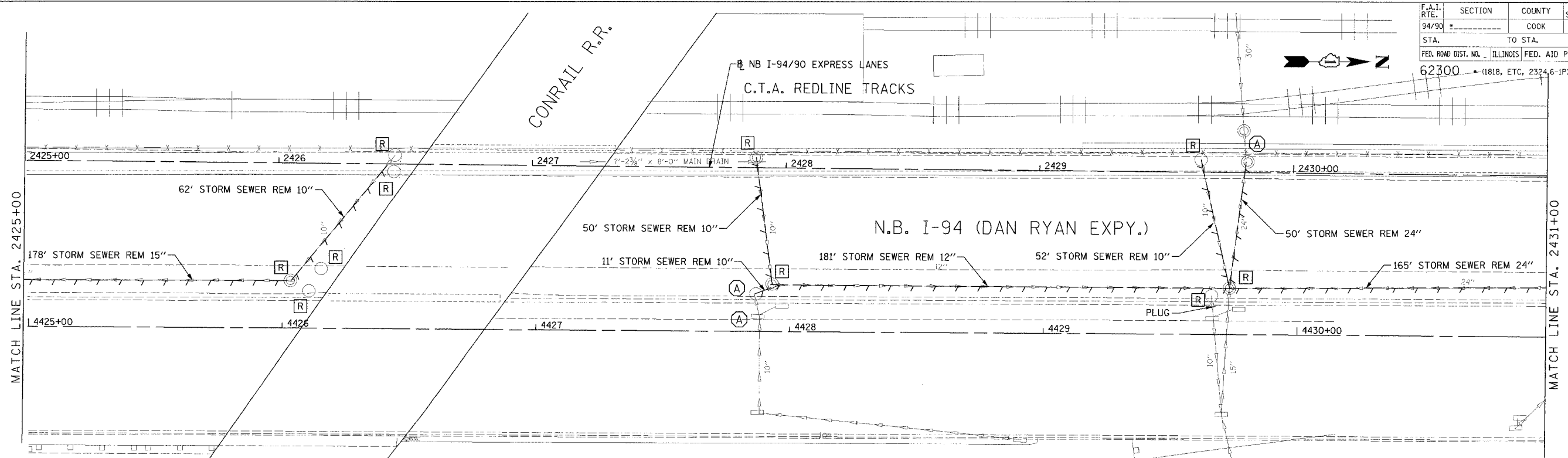
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2419+00 TO STA. 2425+00

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

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

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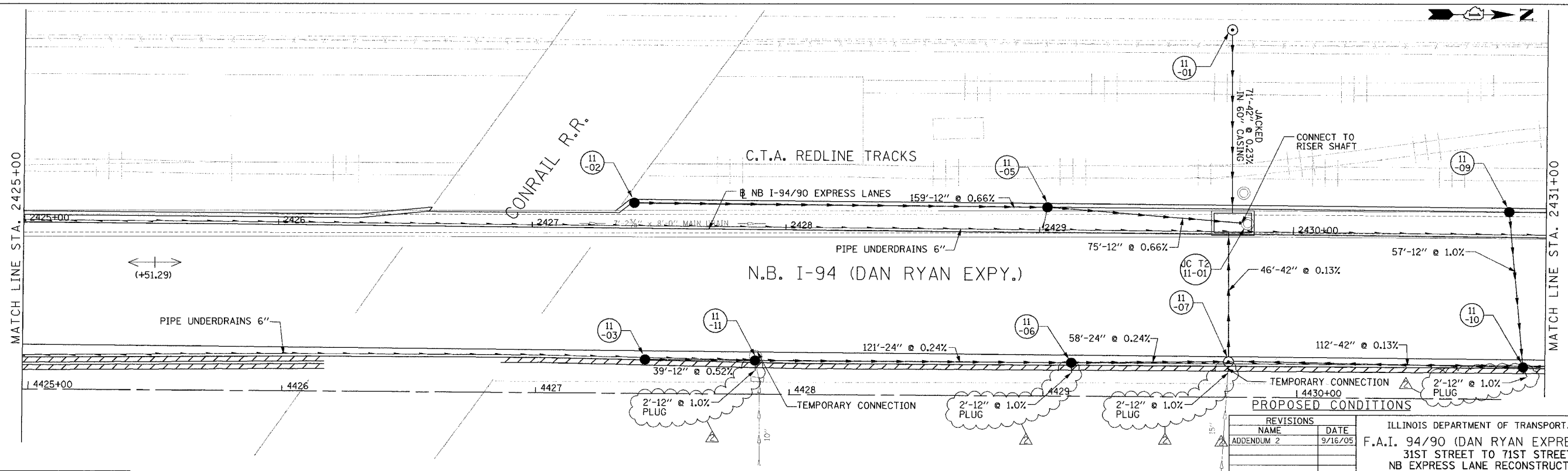
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	167
STA.	TO STA.			
62300	← (11818, ETC, 2324.6-1P)R-8			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**NOTES:**

1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

**EXISTING CONDITIONS AND REMOVALS**



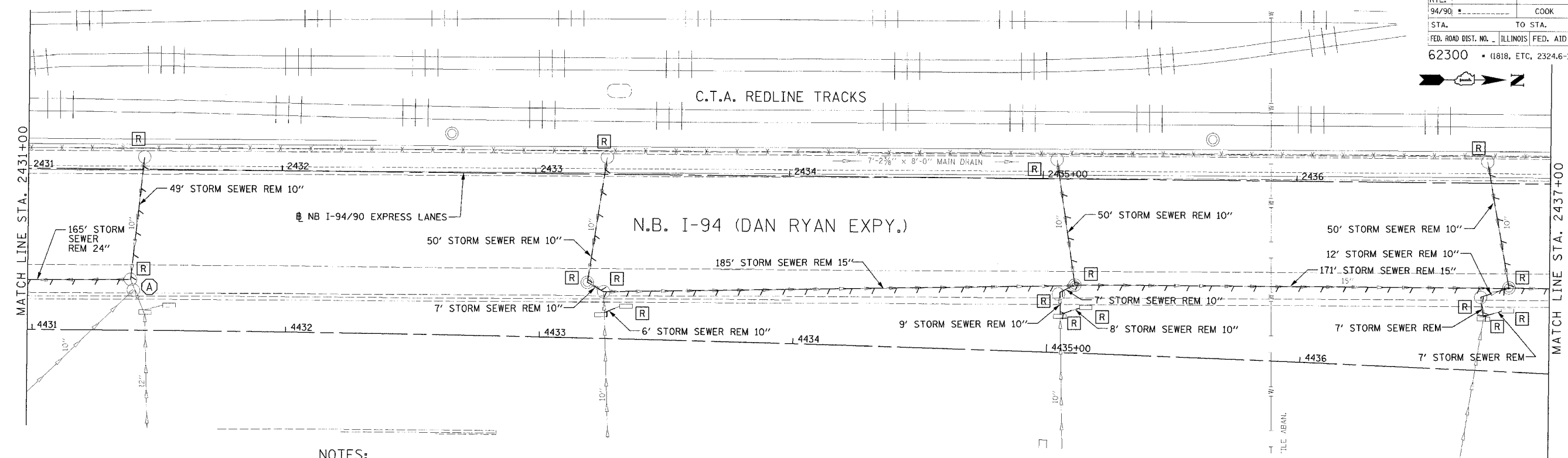
**PROPOSED CONDITIONS**

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  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2425+00 TO STA. 2431+00  
 SCALE: 0' 10' 20' 30' 40'  
 DATE: 7/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

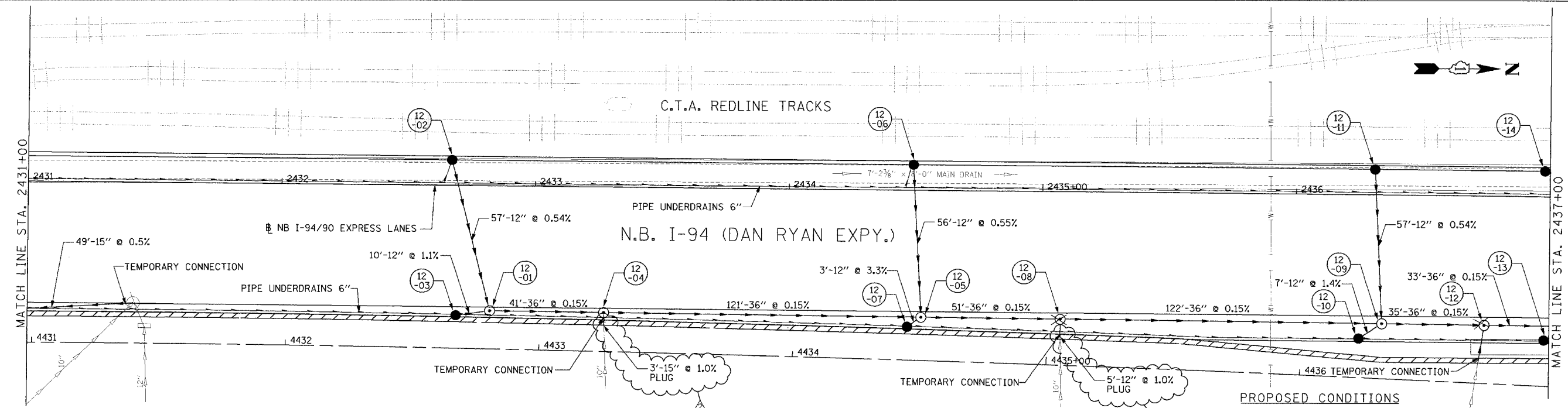
**Edwards AND Kelcey**  
 ONE NORTH FRANKLIN  
 CHICAGO, IL 60606  
 PHONE: (312) 251-3000  
 FAX: (312) 251-3015  
 WEB: WWW.EKCORP.COM

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 168
STA. 62300	TO STA. (1818, ETC., 2324.6-1PR-8)		FED. AID PROJECT	



**NOTES:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

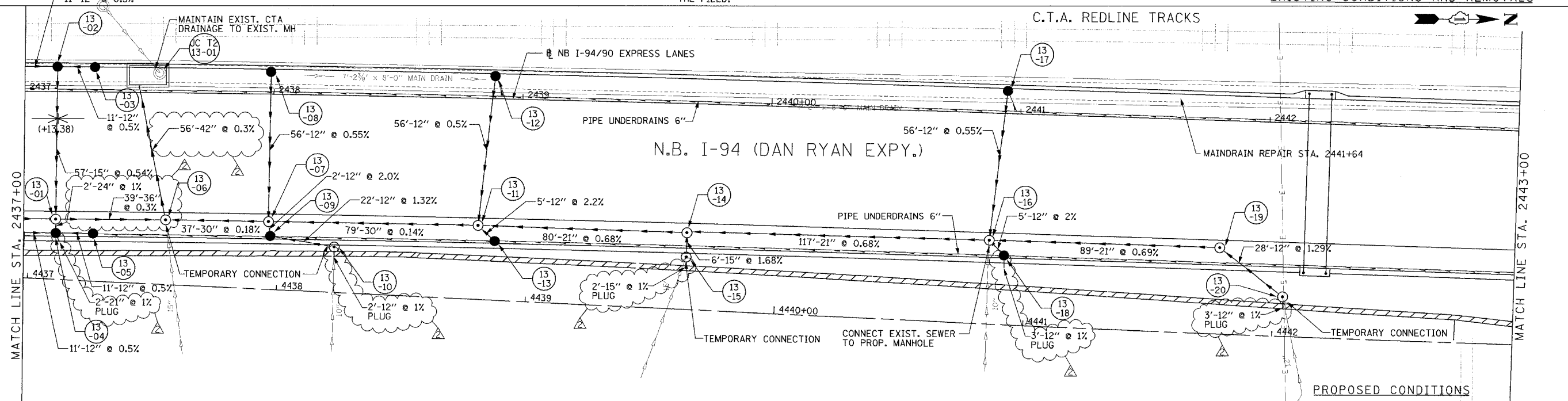
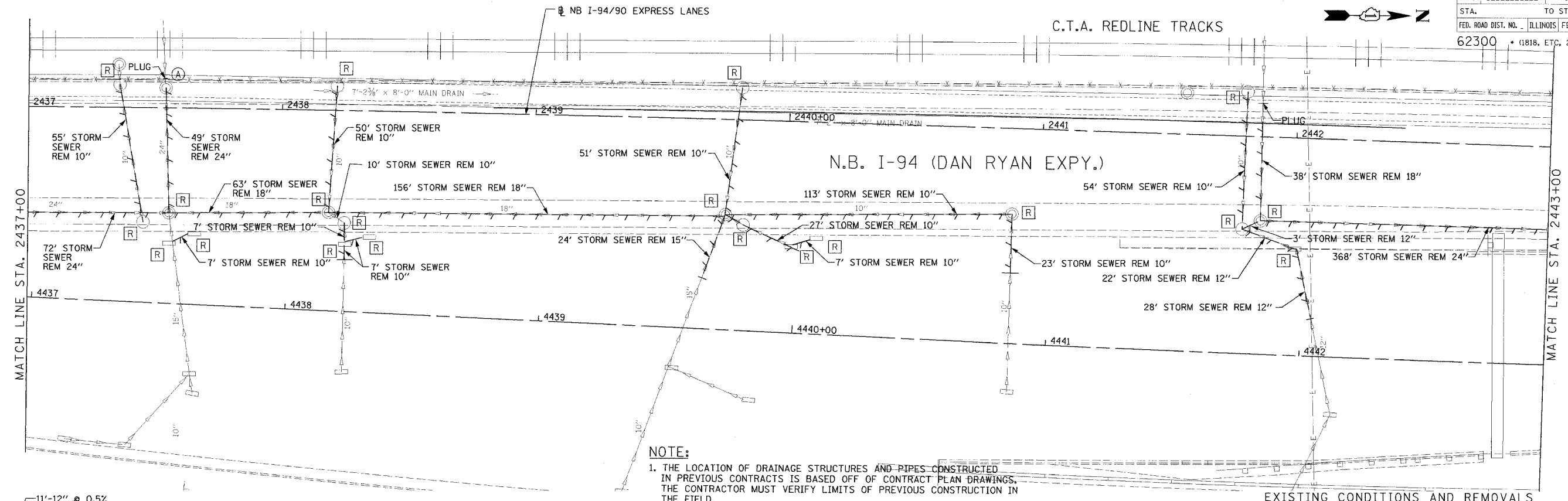
REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2431+00 TO STA. 2437+00  
 SCALE: 1"=20'  
 DATE: 7/1/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

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

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	169
STA.	TO STA.			
62300	1818, ETC., 2324.6-IPR-8			



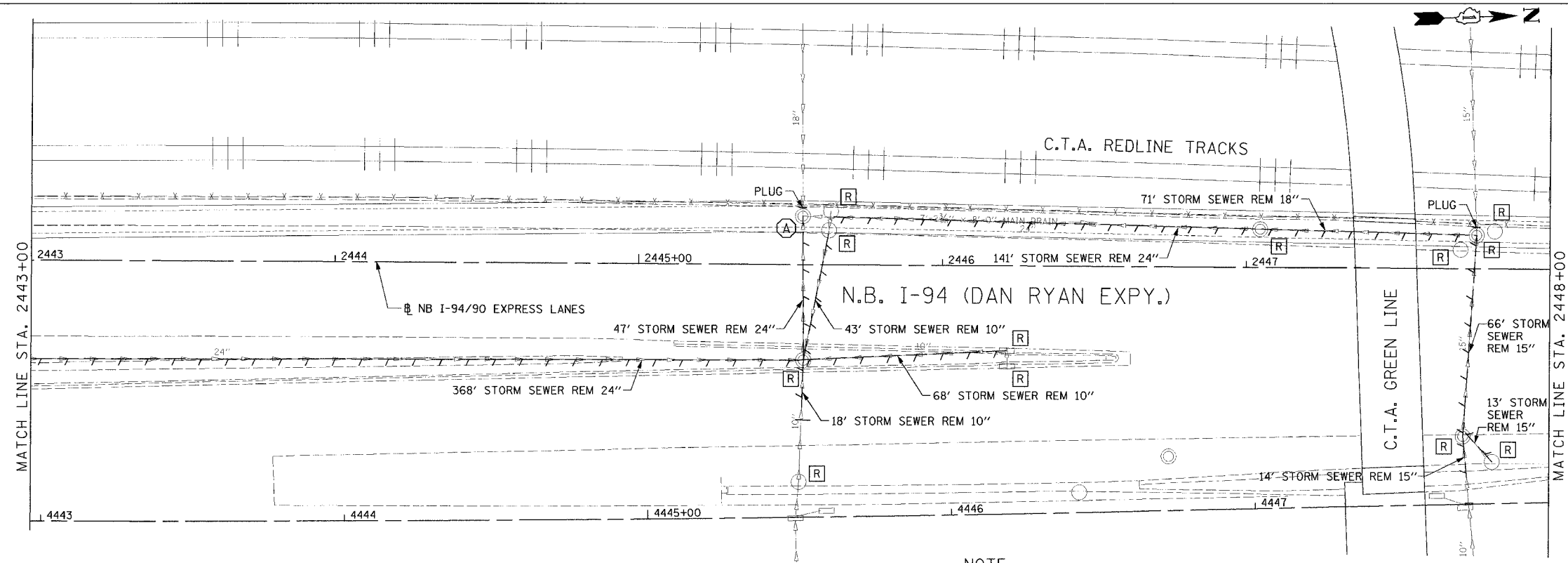
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2437+00 TO STA. 2443+00  
 SCALE: 1"=20'  
 DATE: 7/1/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

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

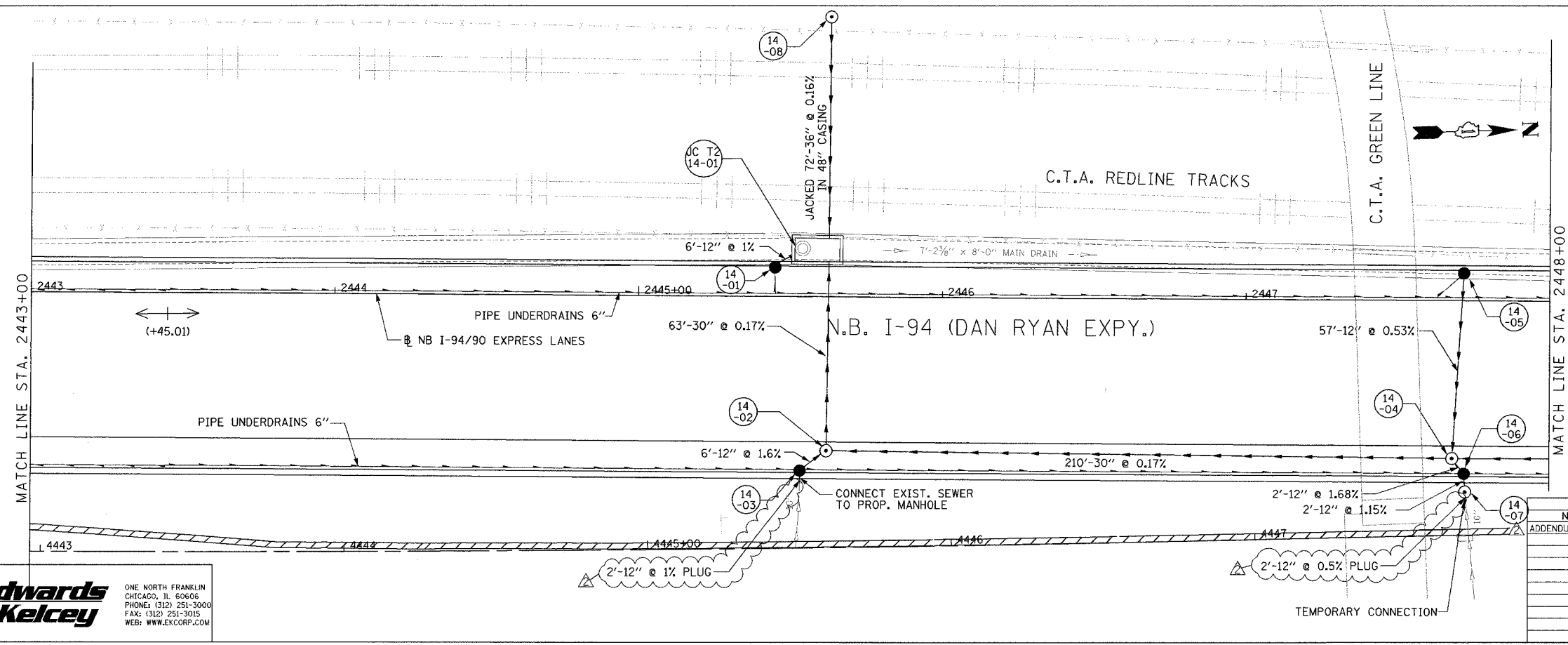
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	170
STA.	TO STA.			
62300	(1818, ETC, 2324.6-IP)R-8			



**NOTE:**  
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EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

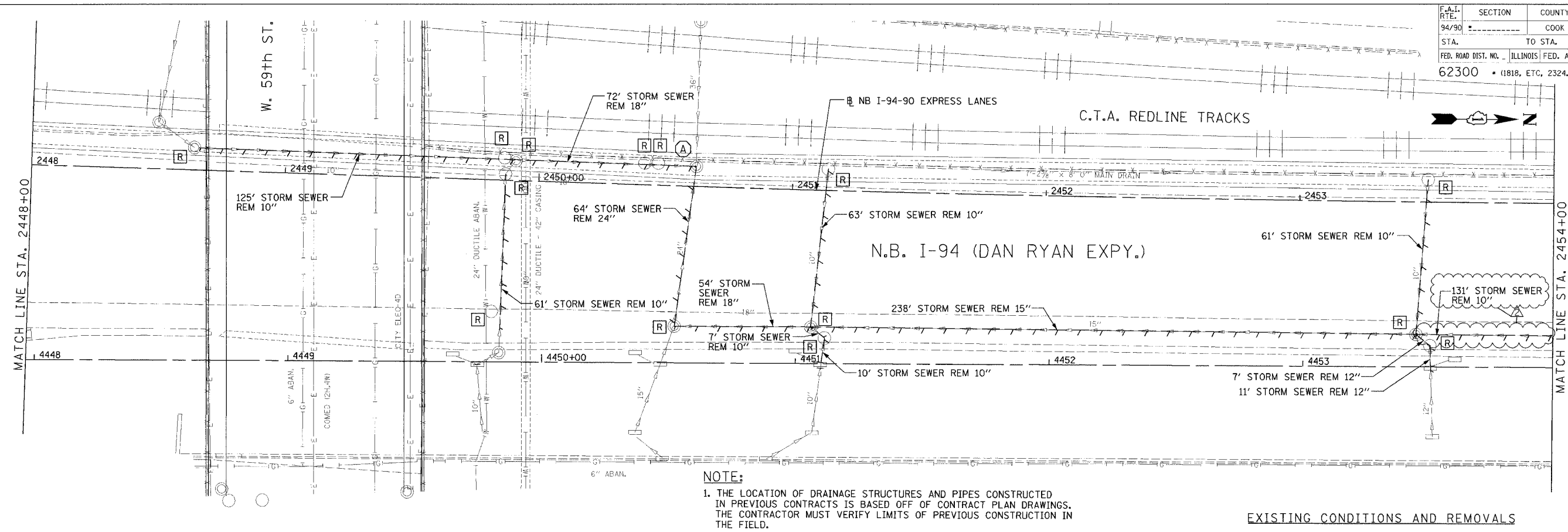
REVISIONS		
NO.	NAME	DATE
ADDENDUM 2		9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2443+00 TO STA. 2448+00  
 SCALE: 1"=20'  
 DATE: 7/1/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

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

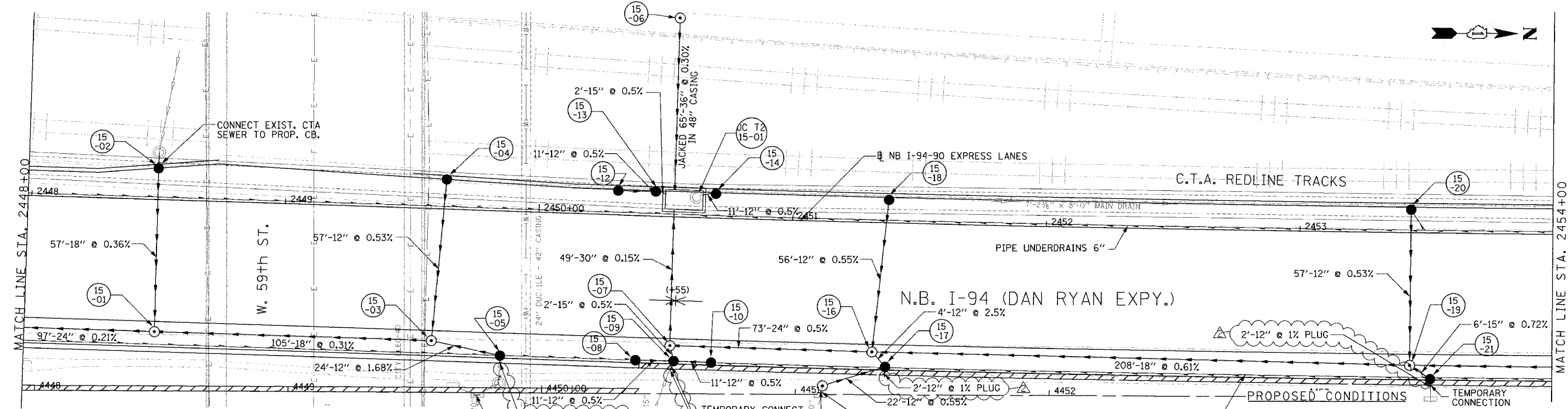
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	171
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62300	• (1818, ETC, 2324.6-IPR-8			



**NOTE:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

**EXISTING CONDITIONS AND REMOVALS**



REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

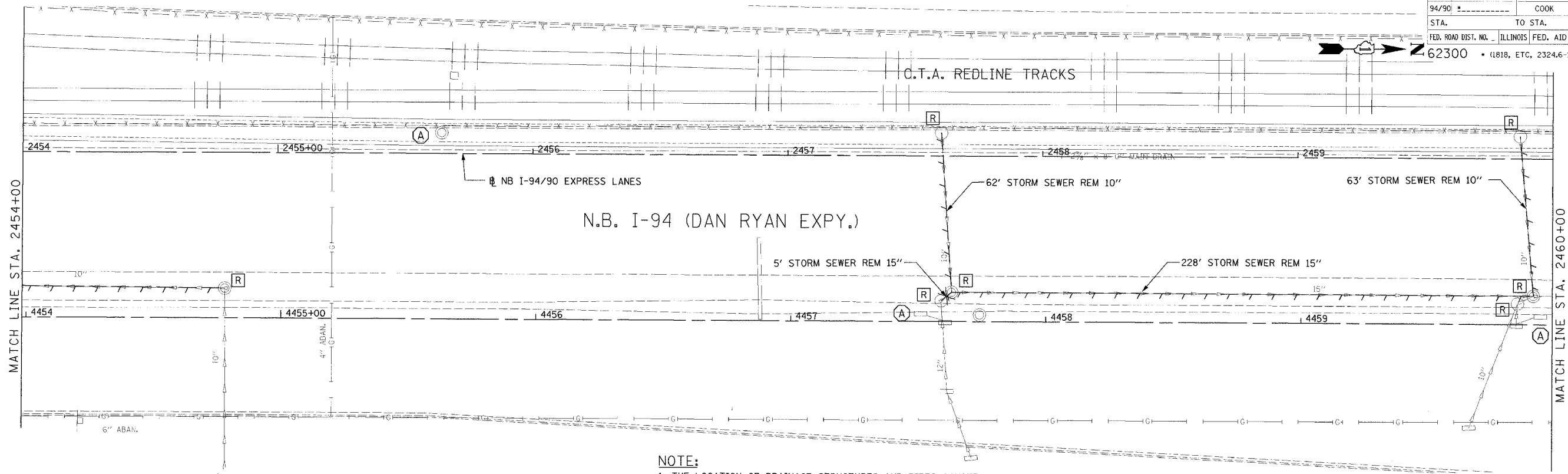
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2448+00 TO STA. 2454+00  
 SCALE: 1"=20'  
 DATE: 7/1/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

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

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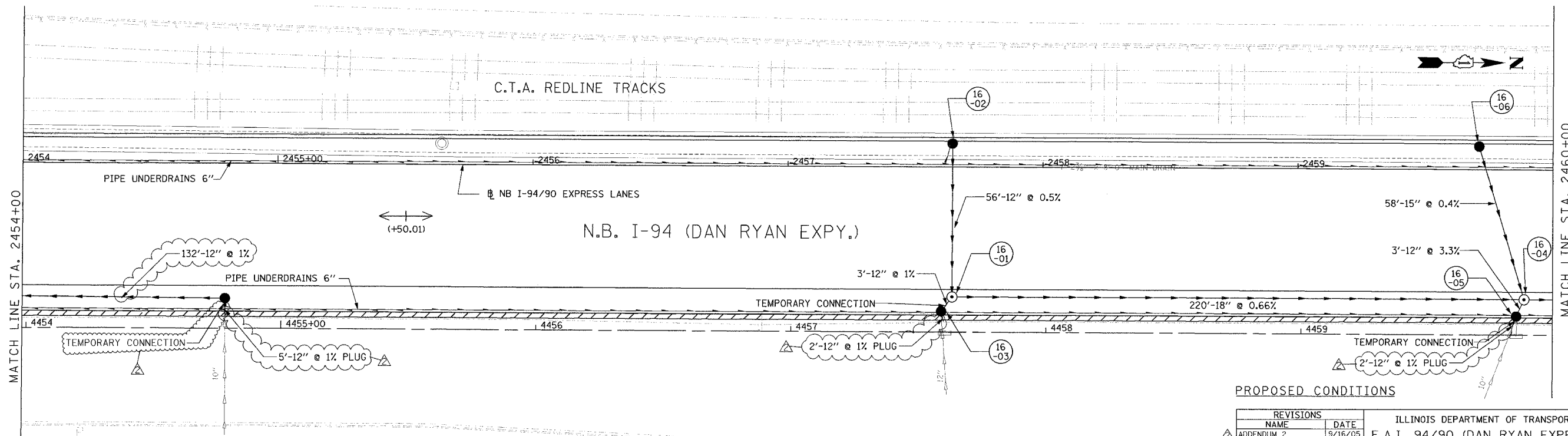


F.A.I. SHEETS NO. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 172
STA. 62300	TO STA.	ILLINOIS FED. AID PROJECT (1818, ETC, 2324.6-1P/R-8)		



**NOTE:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

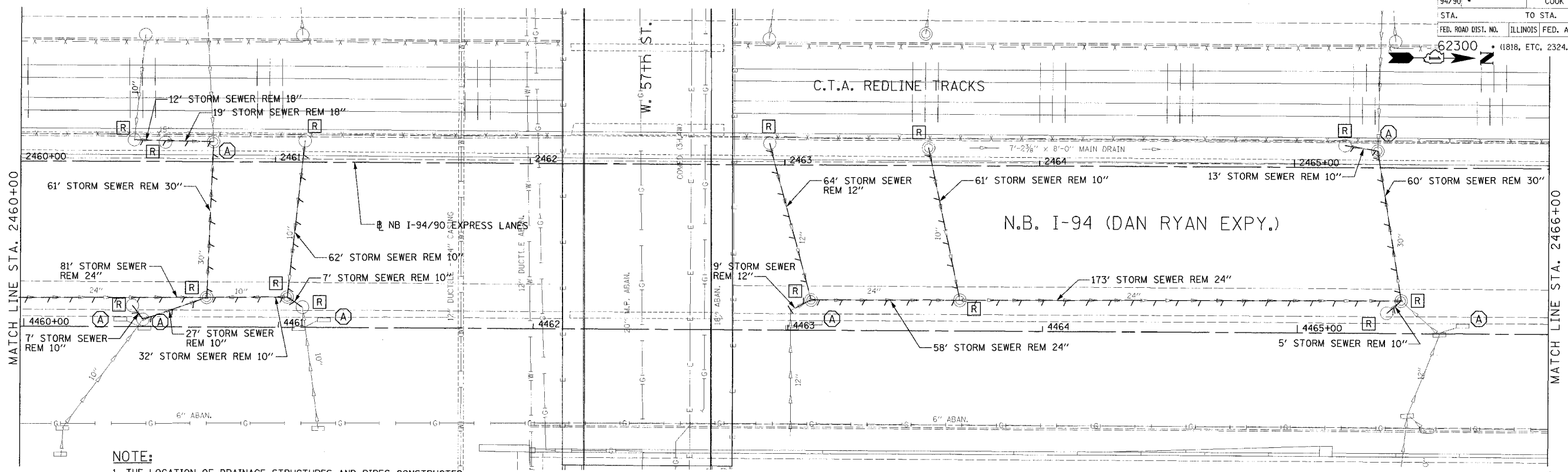
REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2454+00 TO STA. 2460+00  
 SCALE: 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

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

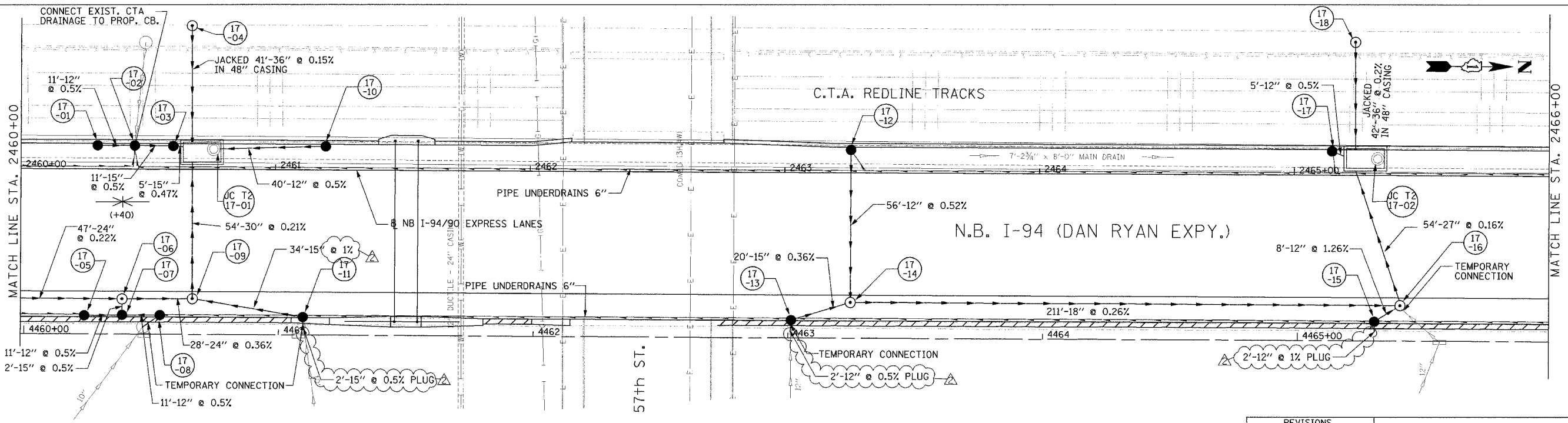
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	173
STA.	TO STA.		FED. ROAD DIST. NO.	
62300	(11818, ETC, 23246-1P)R-8		ILLINOIS FED. AID PROJECT	



**NOTE:**  
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EXISTING CONDITIONS AND REMOVALS



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  
 NB EXPRESS LANE RECONSTRUCTION

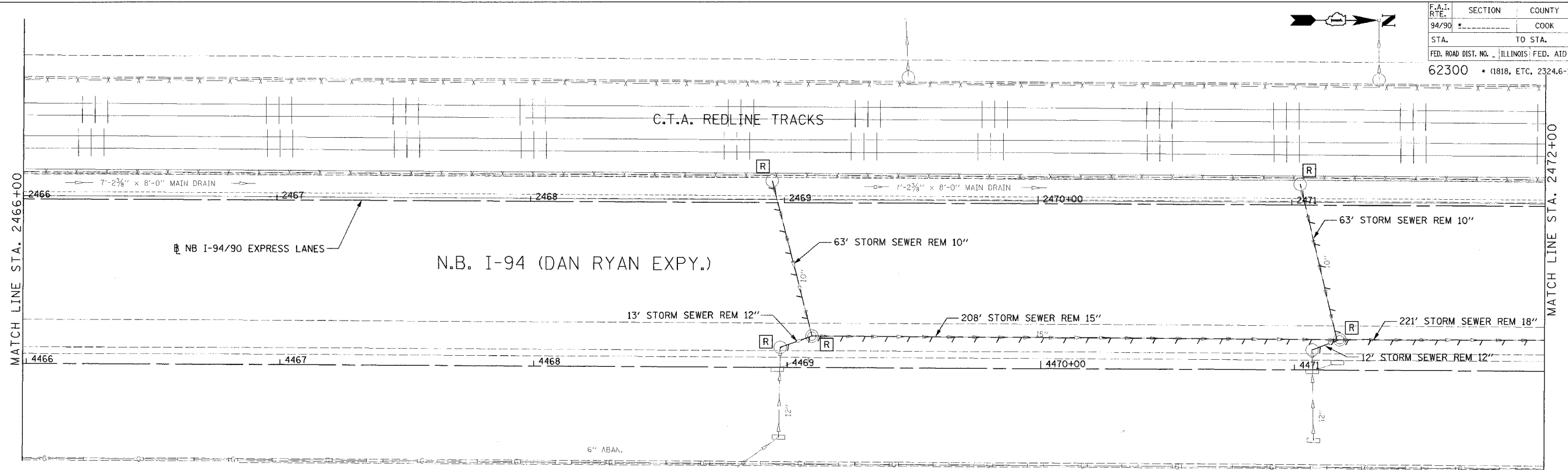
DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2460+00 TO STA. 2466+00  
 SCALE: 1"=20'  
 DATE: 7/1/05

DRAWN BY: LPN  
 CHECKED BY: PJM

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

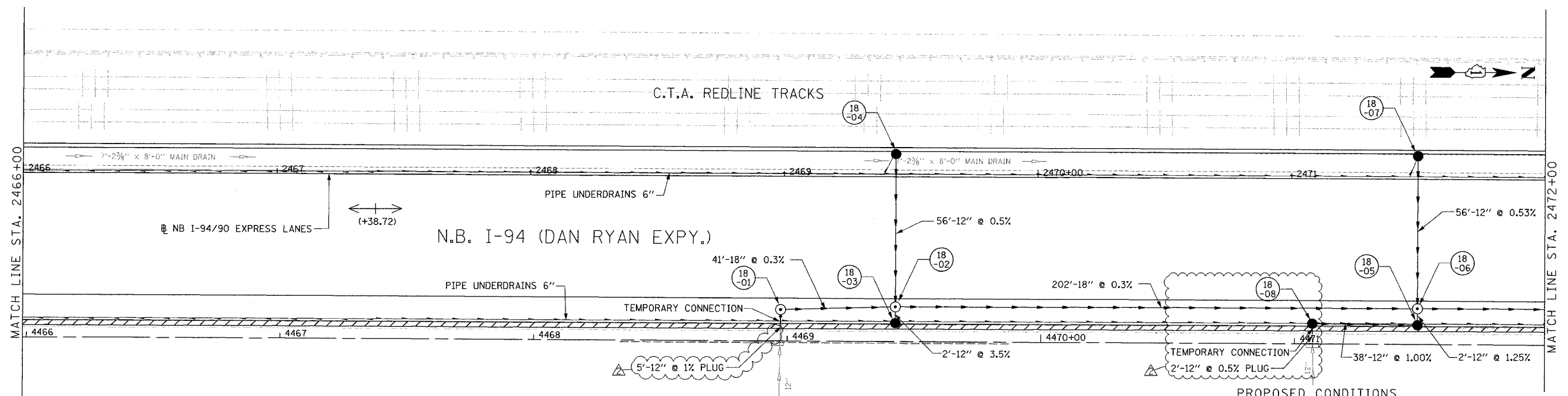
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F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	174
STA.	TO STA.			
	ILLINOIS		FED. AID PROJECT	
62300		• (1818, ETC, 2324.6-1P/R-8		



**NOTE:**  
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EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

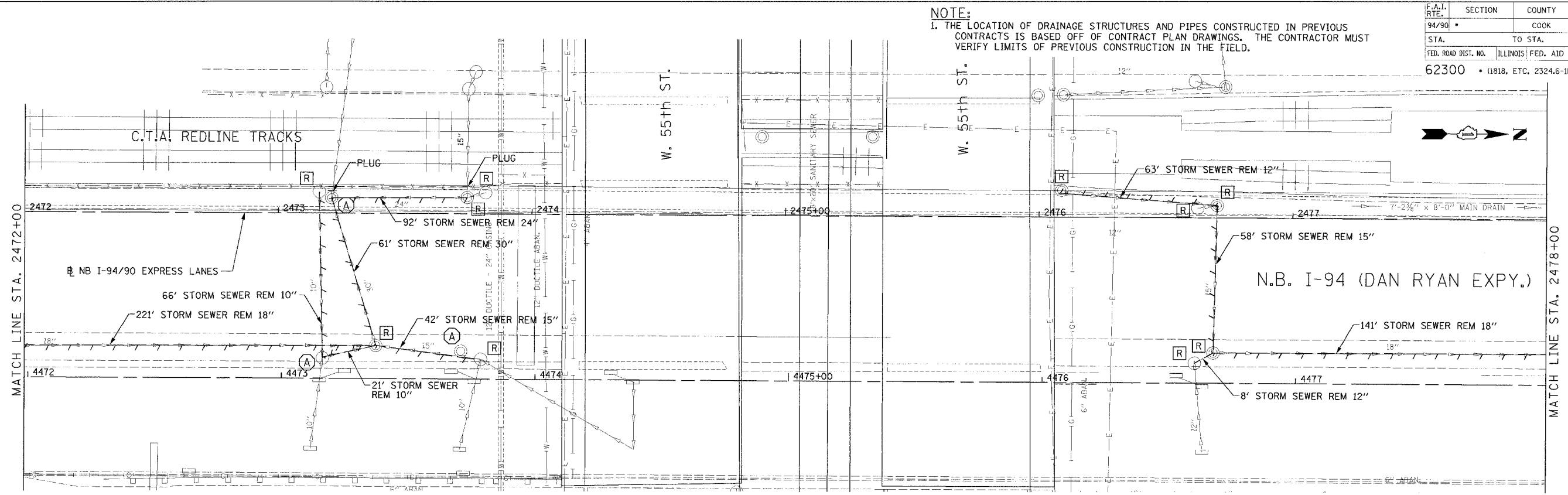
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2466+00 TO STA. 2472+00  
 SCALE: 1"=20'  
 DATE: 7/1/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

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

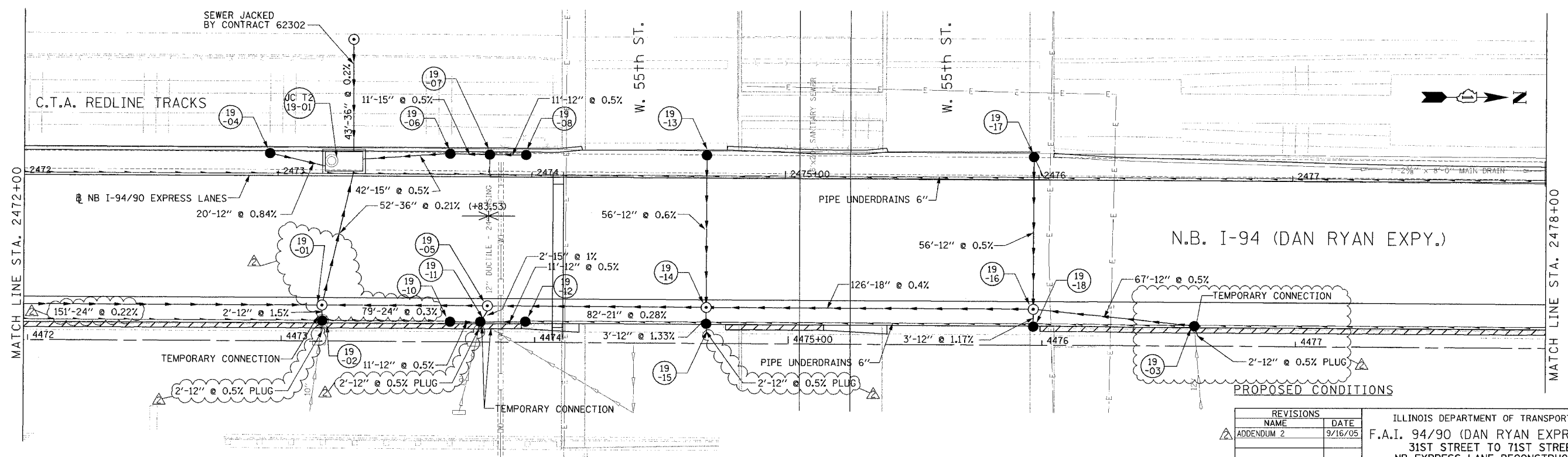
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**NOTE:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	175
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	(1818, ETC.	2324.6-1PR-8		



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

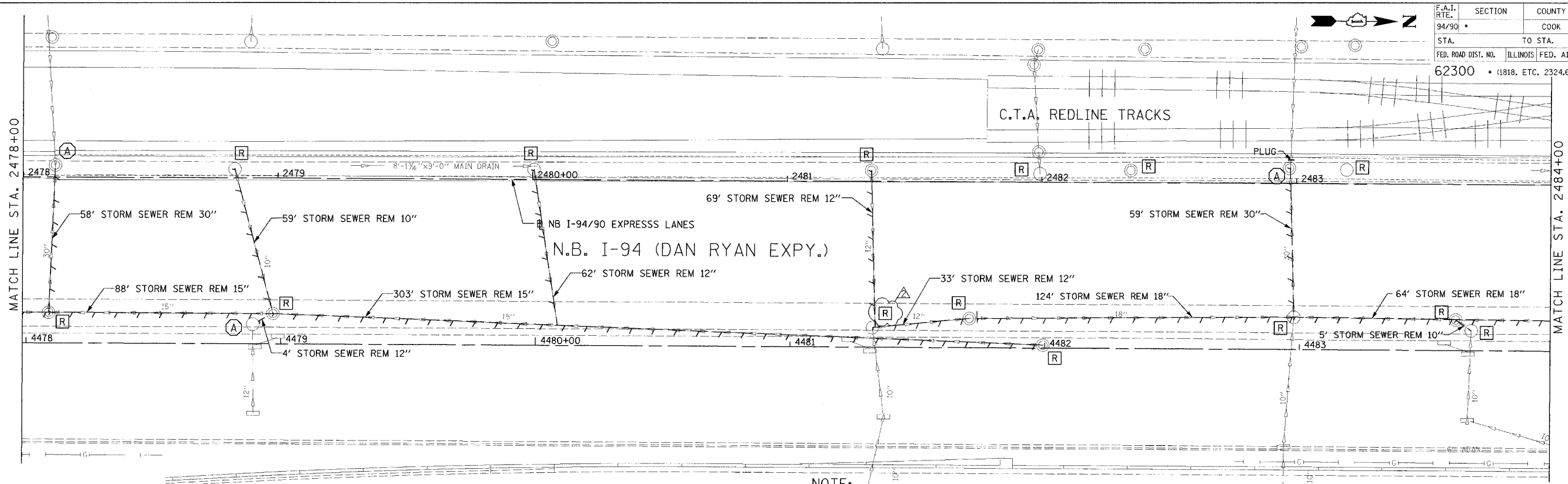
REVISIONS		
NO.	NAME	DATE
1	ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2472+00 TO STA. 2478+00  
 SCALE: 1"=20'  
 DATE: 7/1/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

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

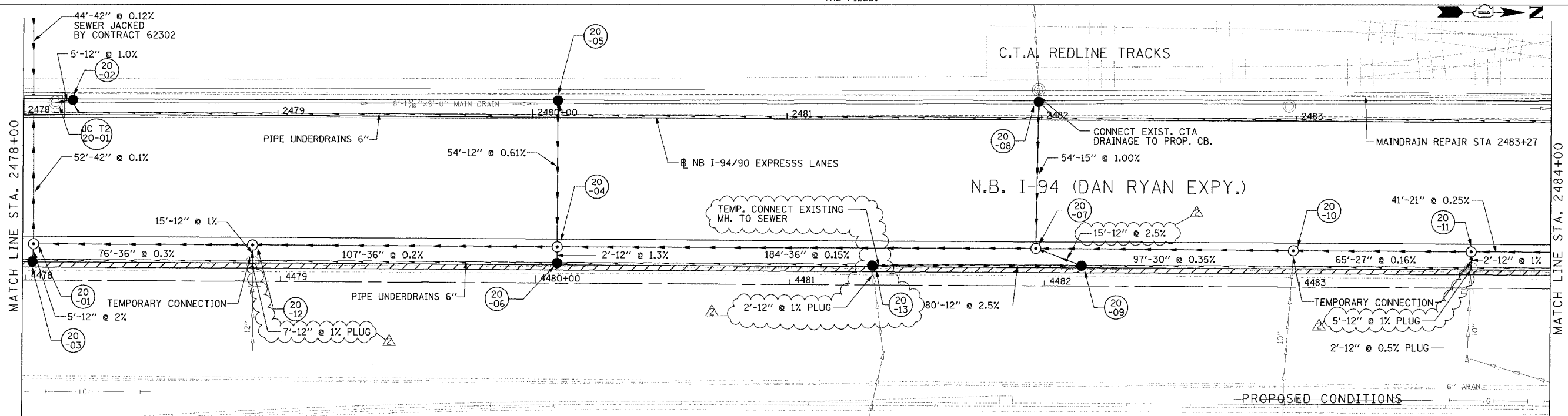
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F.A.I. RY. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 176
STA. 62300	TO STA.	ILLINOIS	FED. AID PROJECT	(1818, ETC. 2324.6-1)PR-8



**NOTE:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-20

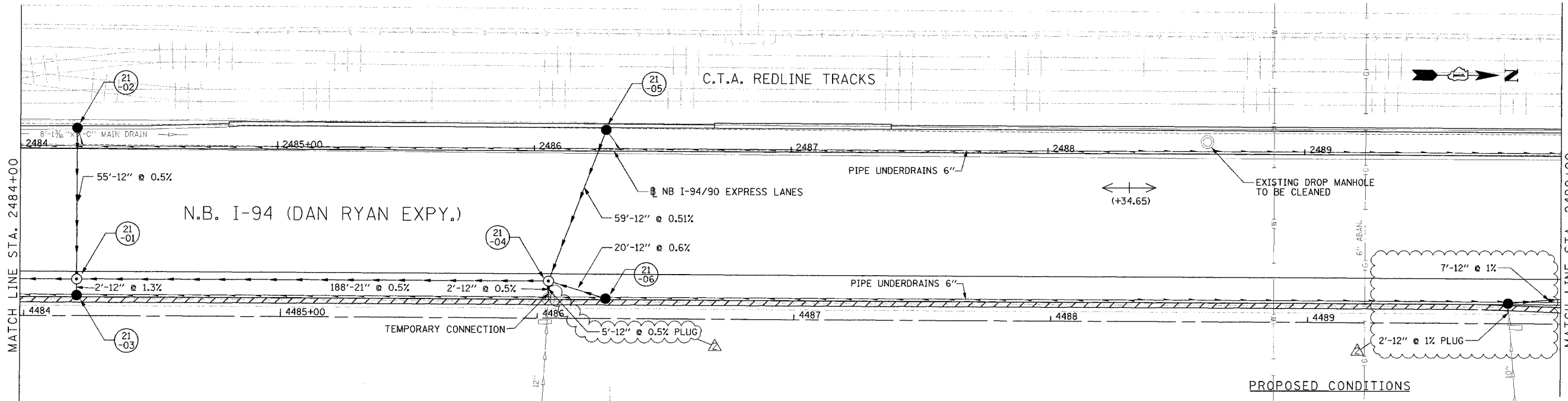
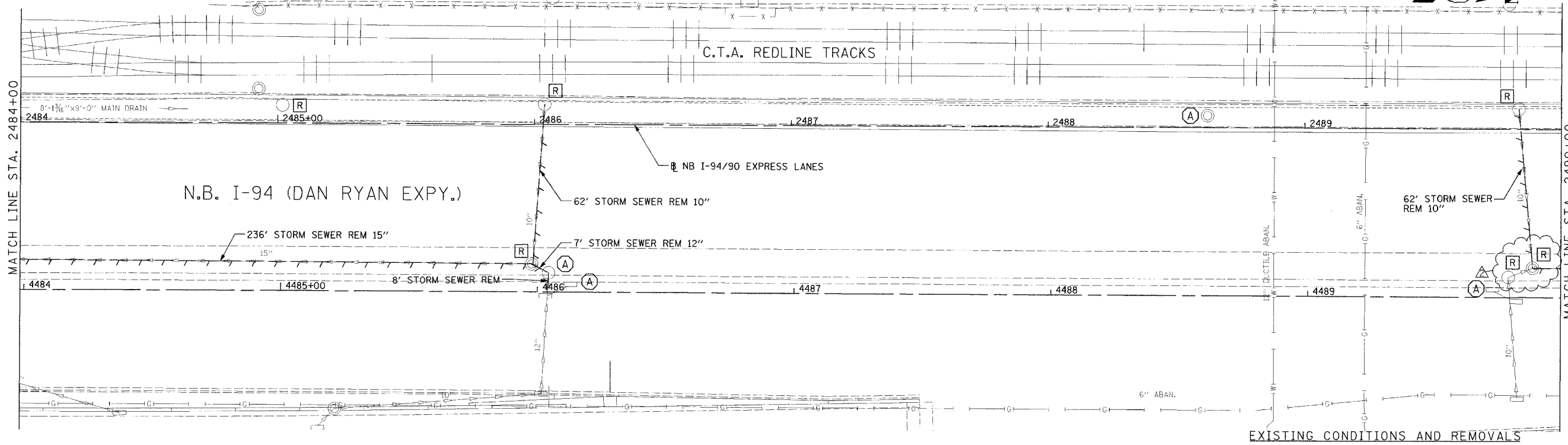
**Edwards AND Kelcey**  
 ONE NORTH FRANKLIN CHICAGO, IL 60606  
 PHONE: (312) 251-3000  
 FAX: (312) 251-3015  
 WEB: WWW.EKCORP.COM

REVISIONS		DATE
NAME		
ADDENDUM 2		9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2478+00 TO STA. 2484+00  
 SCALE: 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

09/15/2005 02:07:31 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	177
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		(1818, ETC. 2324.6-1PR-8		



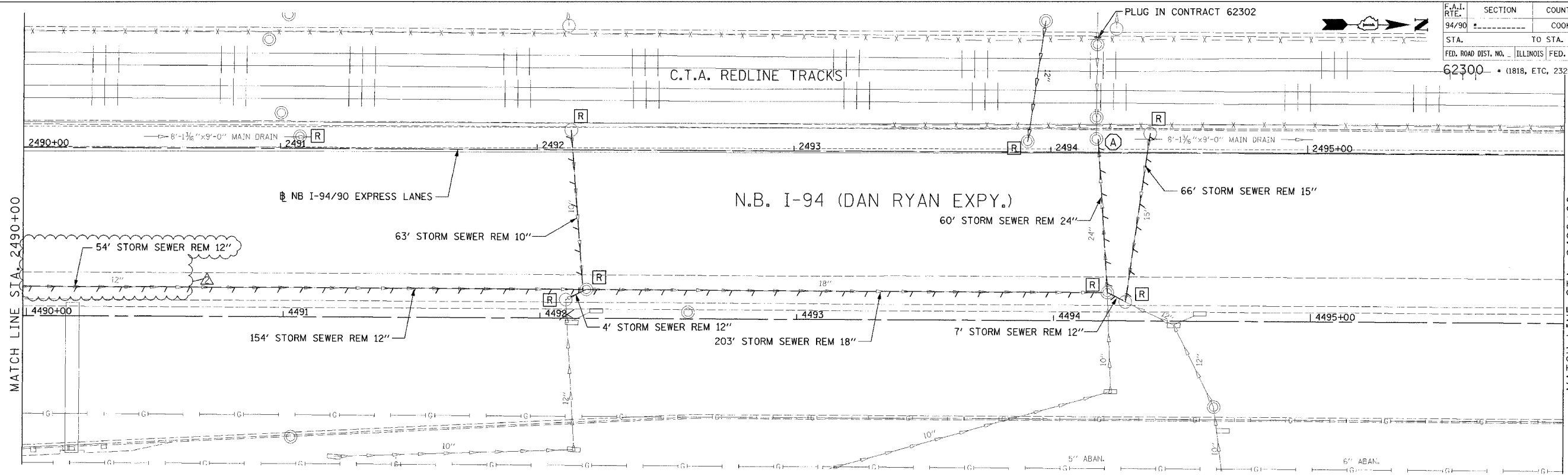
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	F.A.I. 94/90 (DAN RYAN EXPRESSWAY)	
ADDENDUM 2	9/16/05	31ST STREET TO 71ST STREET	
		NB EXPRESS LANE RECONSTRUCTION	
		DRAINAGE AND UTILITIES PLAN	
		NORTHBOUND STA. 2484+00 TO STA. 2490+00	
		SCALE: 1"=20'	DRAWN BY: LPN
		DATE: 7/7/05	CHECKED BY: PJM

**Edwards  
AND  
Kelcey**

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

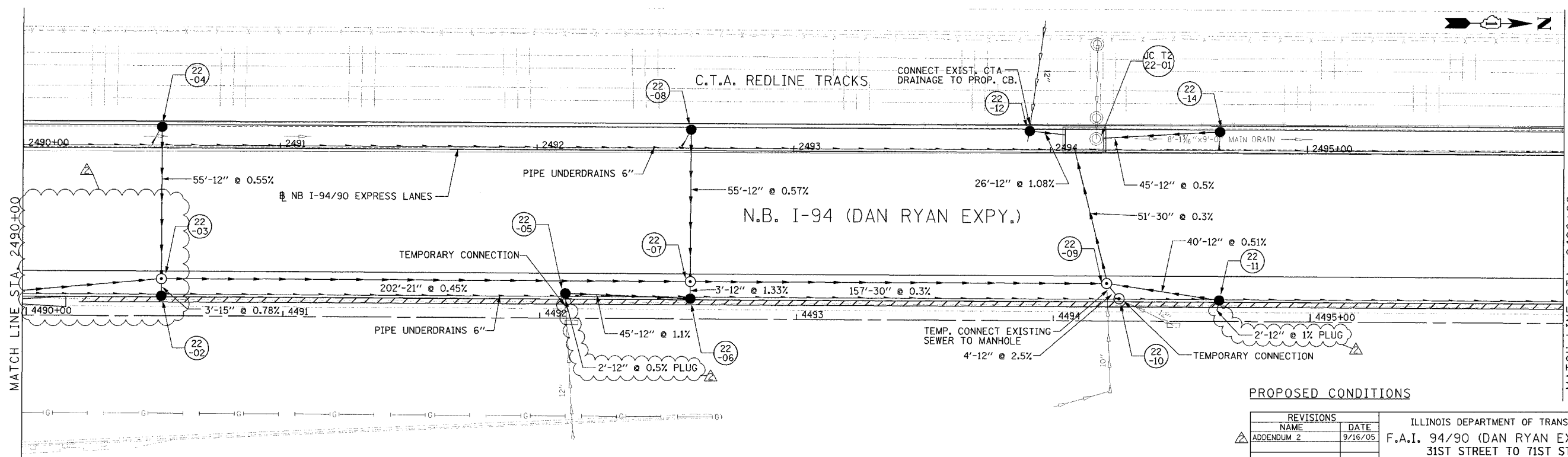
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	178
STA.	TO STA.			
62300	(1818, ETC, 2324.6-1)PR-8			



**NOTE:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

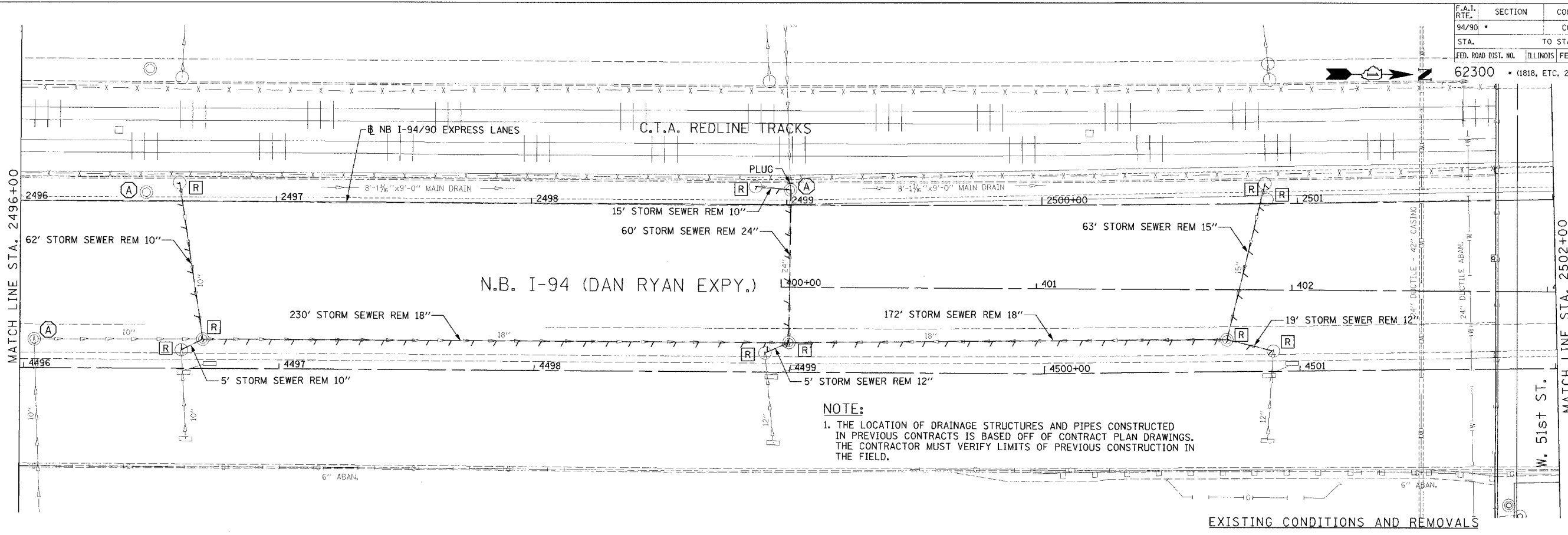
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2490+00 TO STA. 2496+00  
 SCALE: 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

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

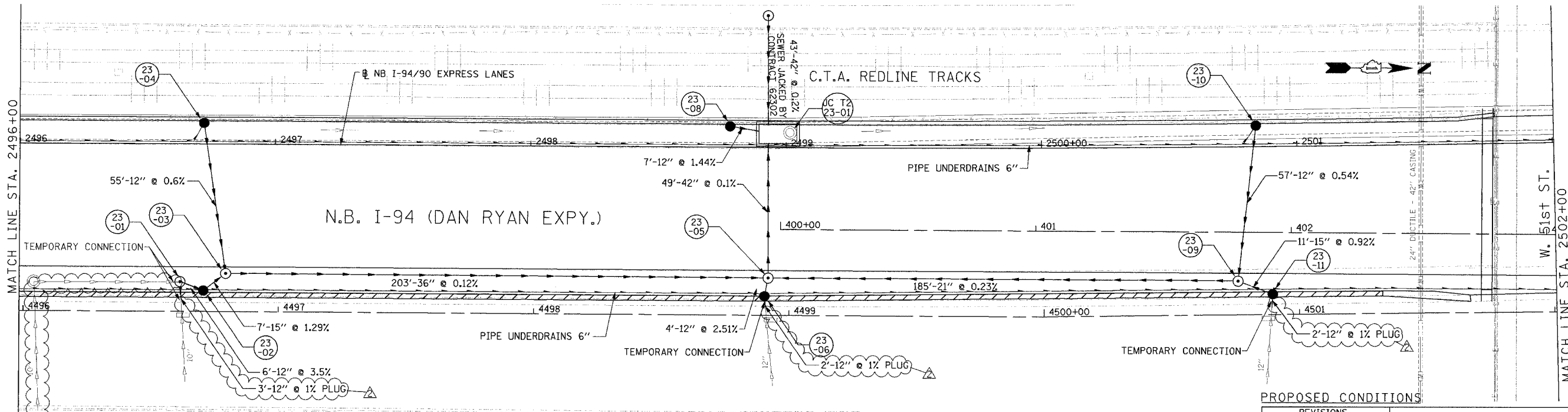
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	179
STA.	TO STA.			
62300	1818, ETC.		2324.6-1P1R-8	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**NOTE:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.



**PROPOSED CONDITIONS**

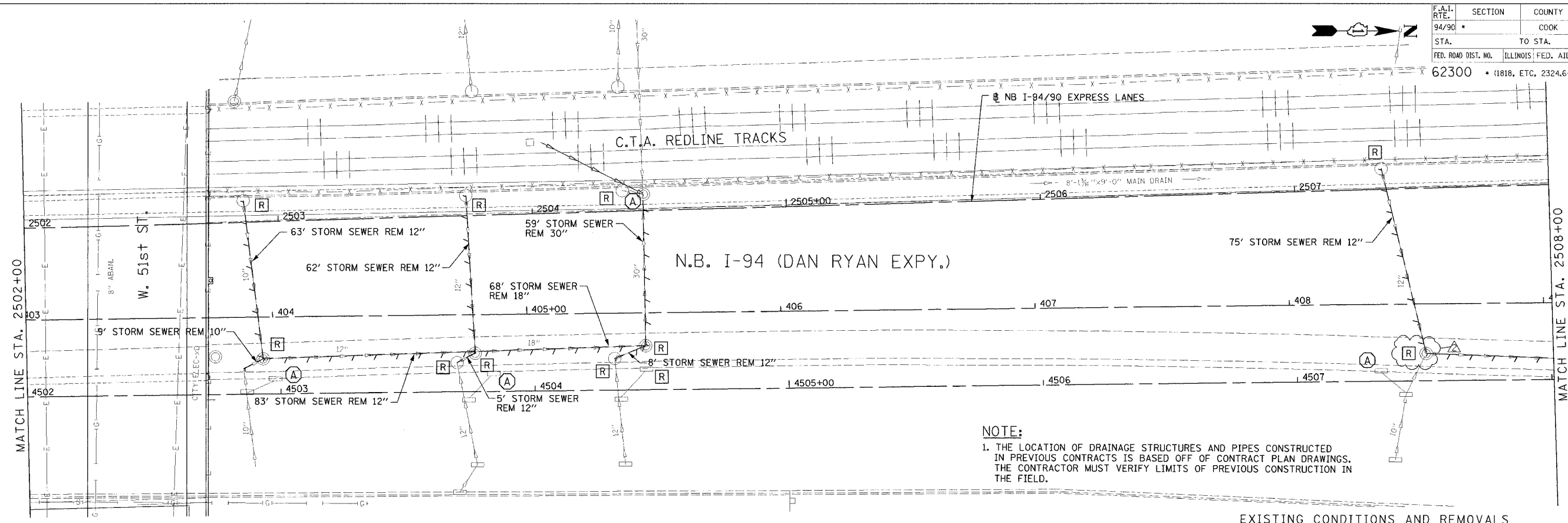
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2496+00 TO STA. 2502+00  
 SCALE: 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

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

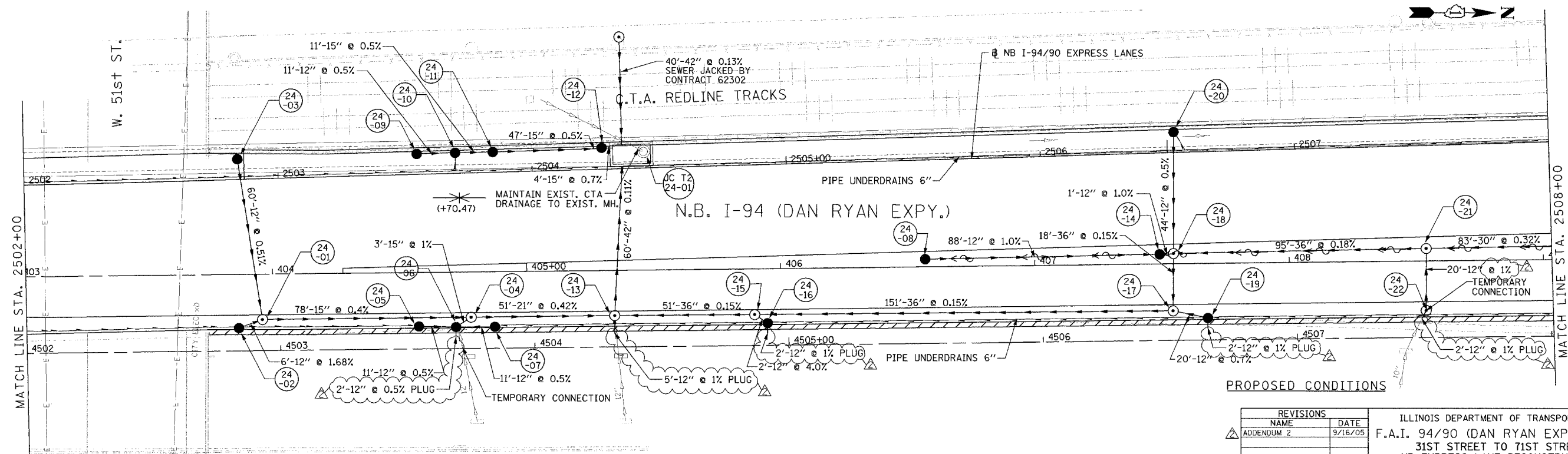
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	180
STA.	TO STA.			
62300	1818, ETC, 2324.6-1PR-8			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



**NOTE:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

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

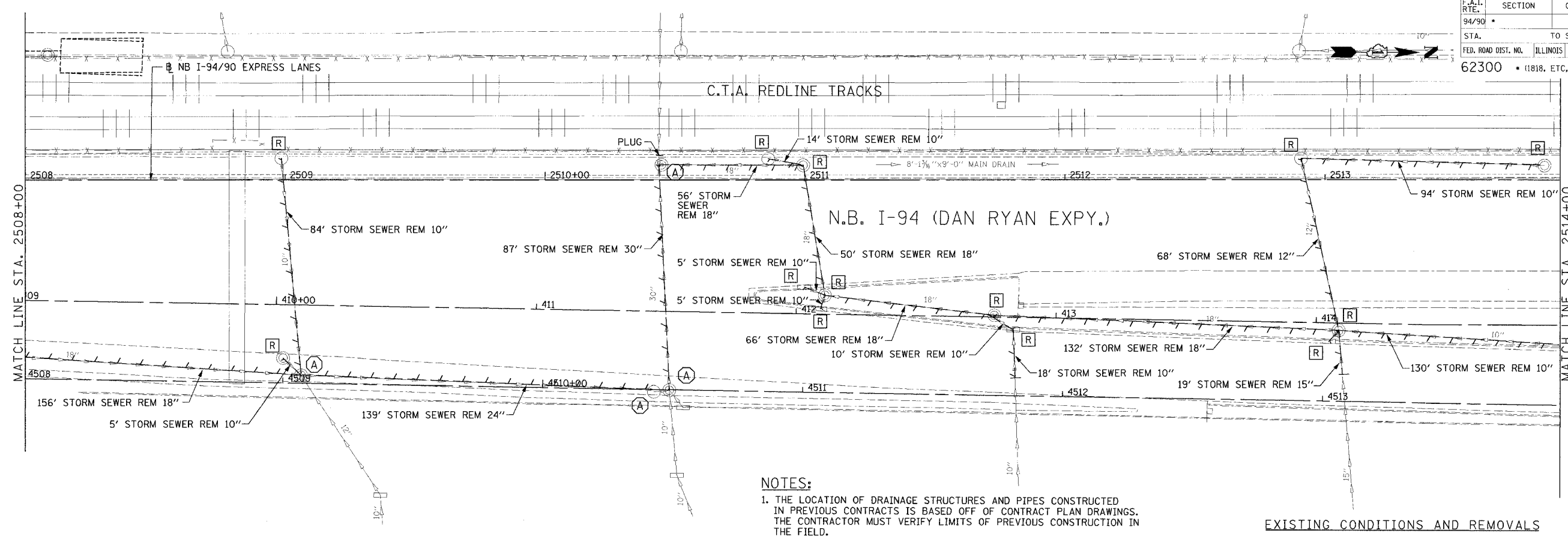
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2502+00 TO STA. 2508+00  
 SCALE: 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

DU-24

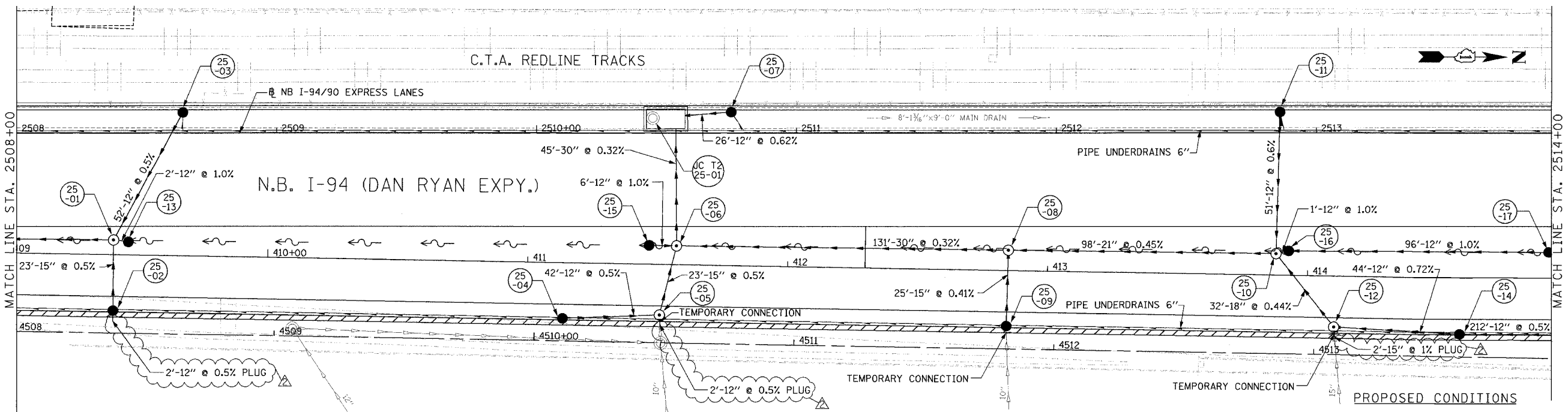
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	181
STA.	TO STA.			
62300	(1818, ETC, 2324.6-1PIR-8			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**NOTES:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-25

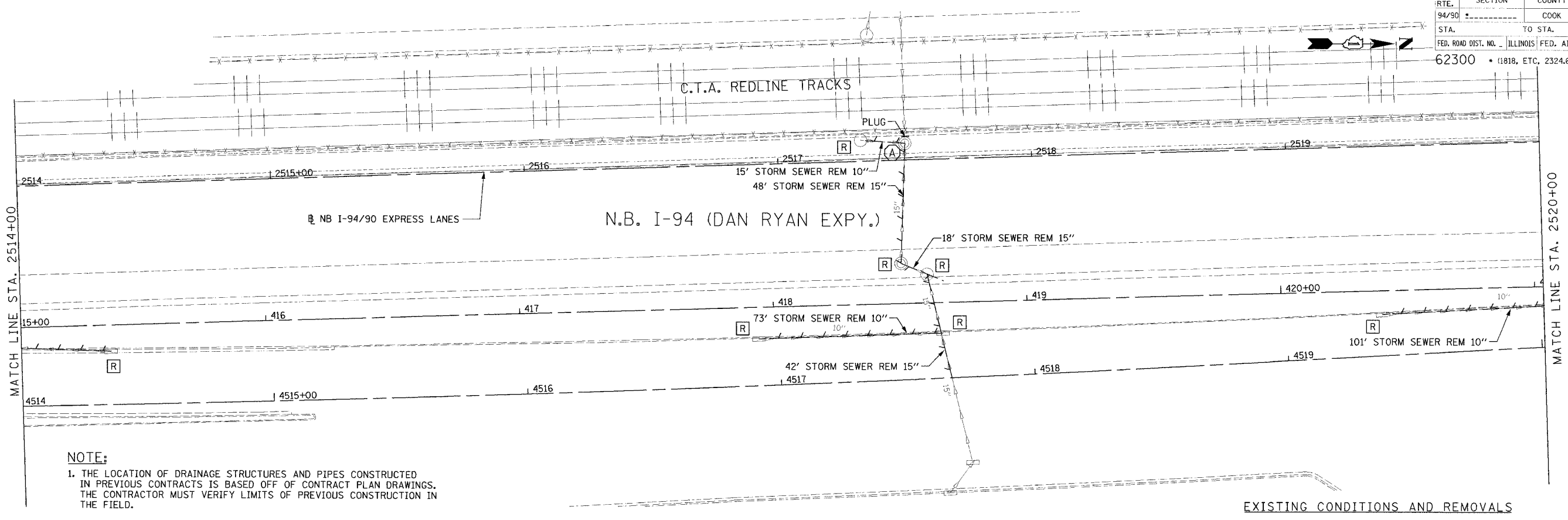
REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2508+00 TO STA. 2514+00  
 SCALE: 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

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

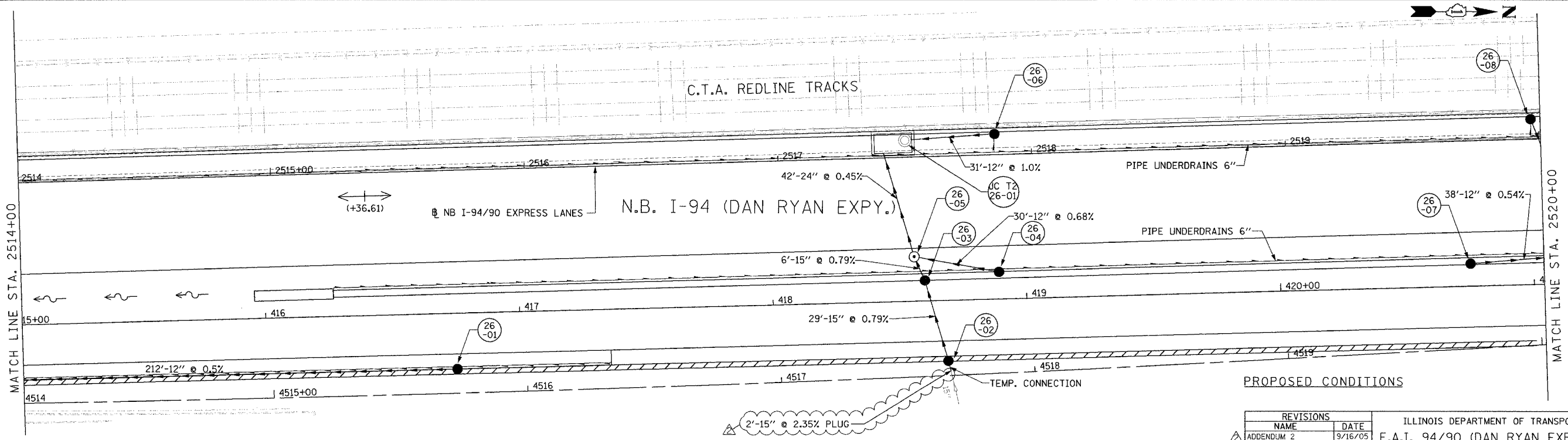
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	182
STA.	TO STA.			
62300	ILLINOIS FED. AID PROJECT			
1818, ETC. 2324.6-1PIR-8				



**NOTE:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

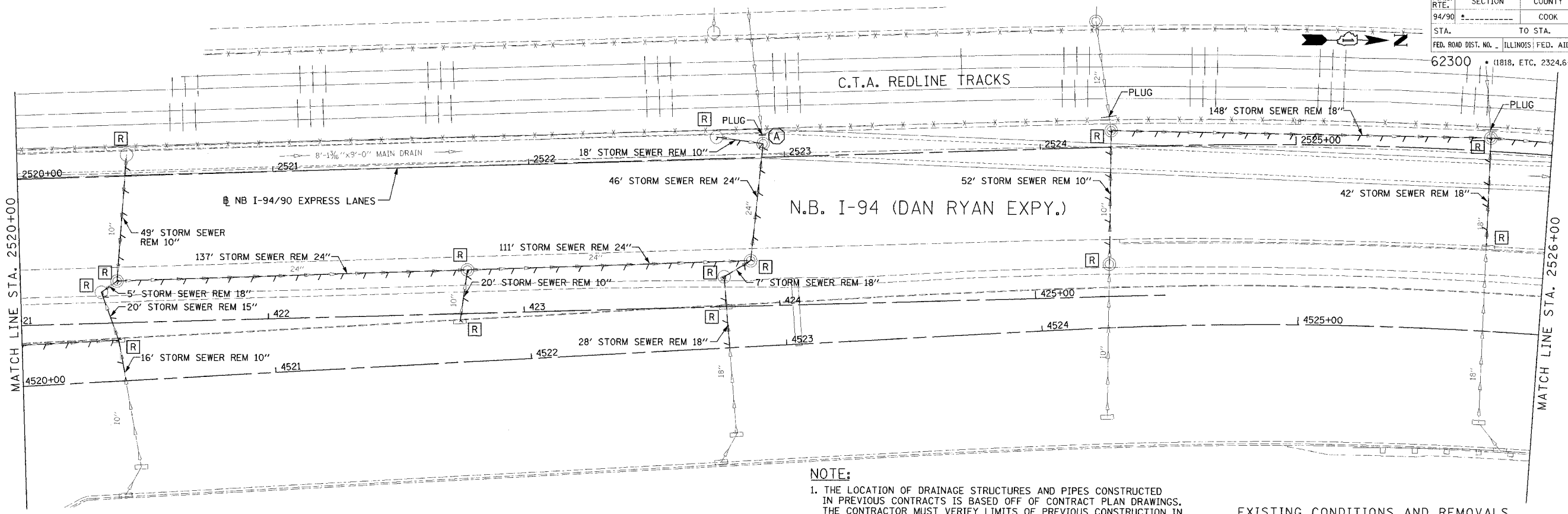
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2514+00 TO STA. 2520+00  
 SCALE: 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

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

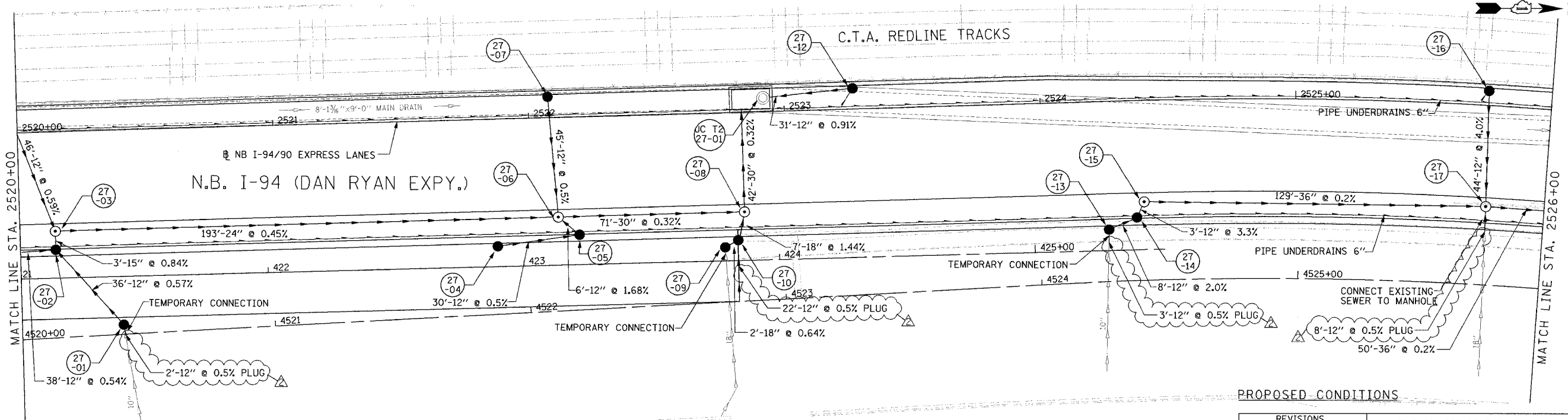
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	183
STA.	TO STA.			
62300	(1818, ETC. 2324.6-1)PR-8			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**NOTE:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-27

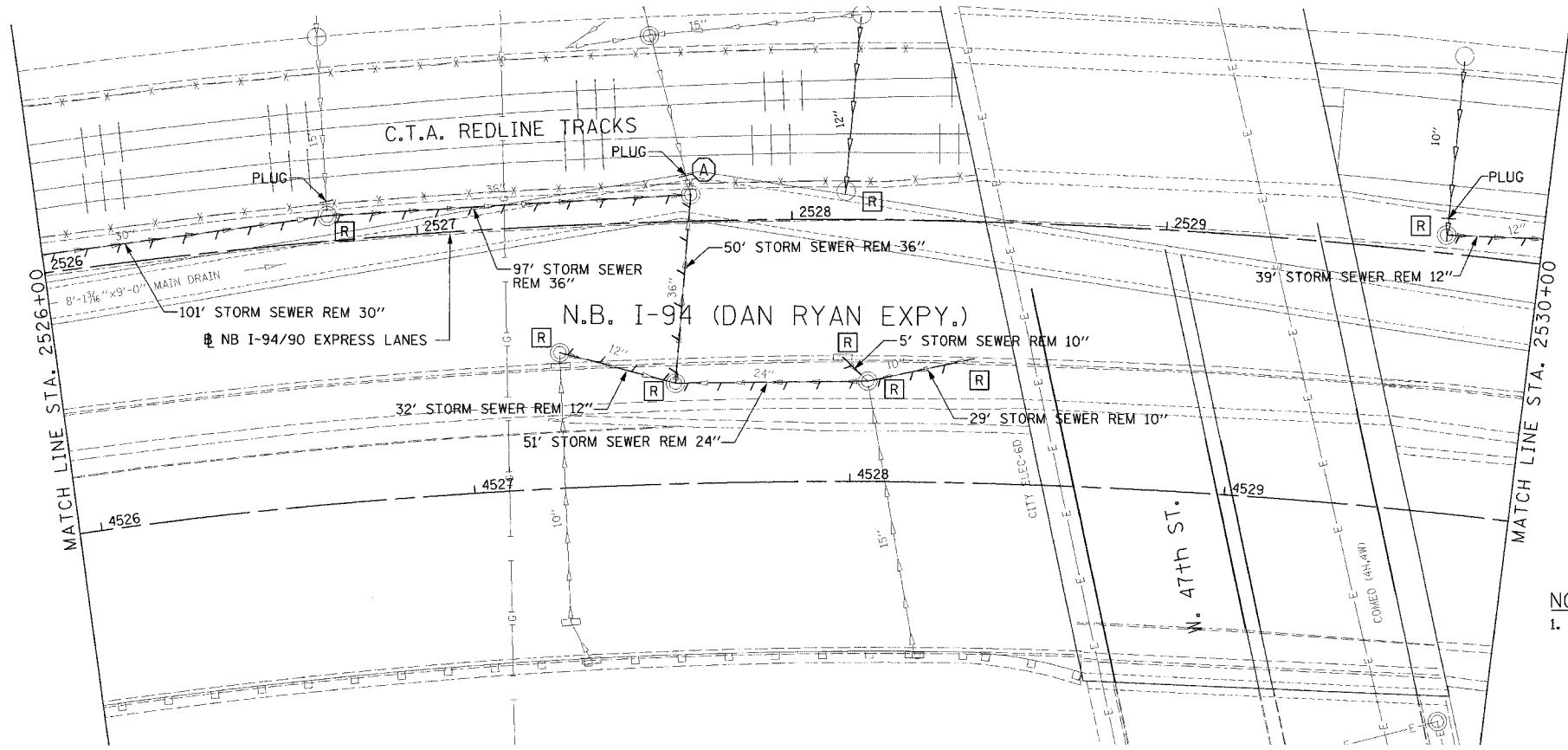
**Edwards AND Kelcey**  
 ONE NORTH FRANKLIN CHICAGO, IL 60606  
 PHONE: (312) 251-5000  
 FAX: (312) 291-3015  
 WEB: WWW.EKCORP.COM

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  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2520+00 TO STA. 2526+00  
 SCALE: 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

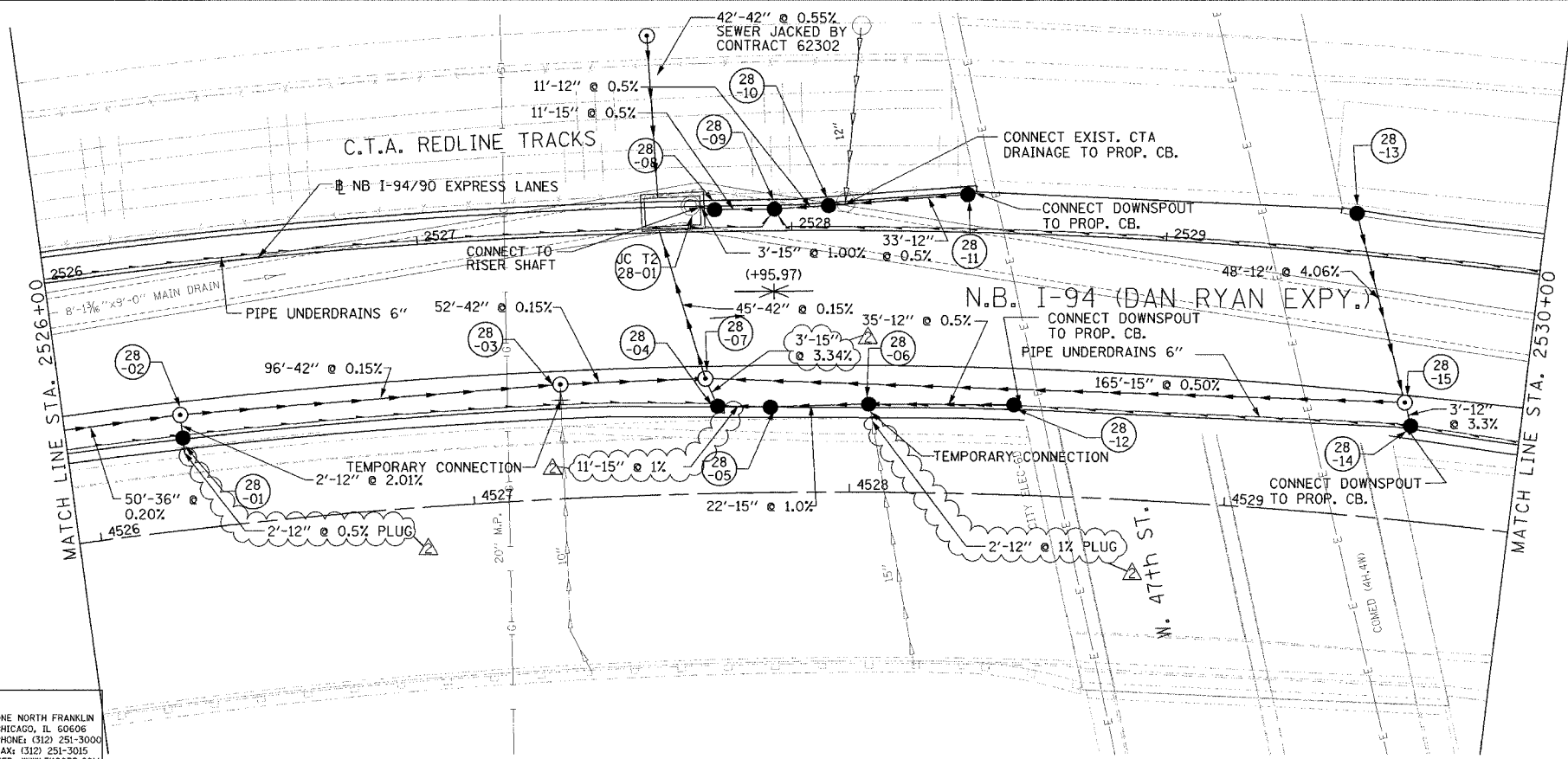
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	184
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62300 • (1818, ETC, 2324.6-IP)R-8				



**NOTE:**  
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-28

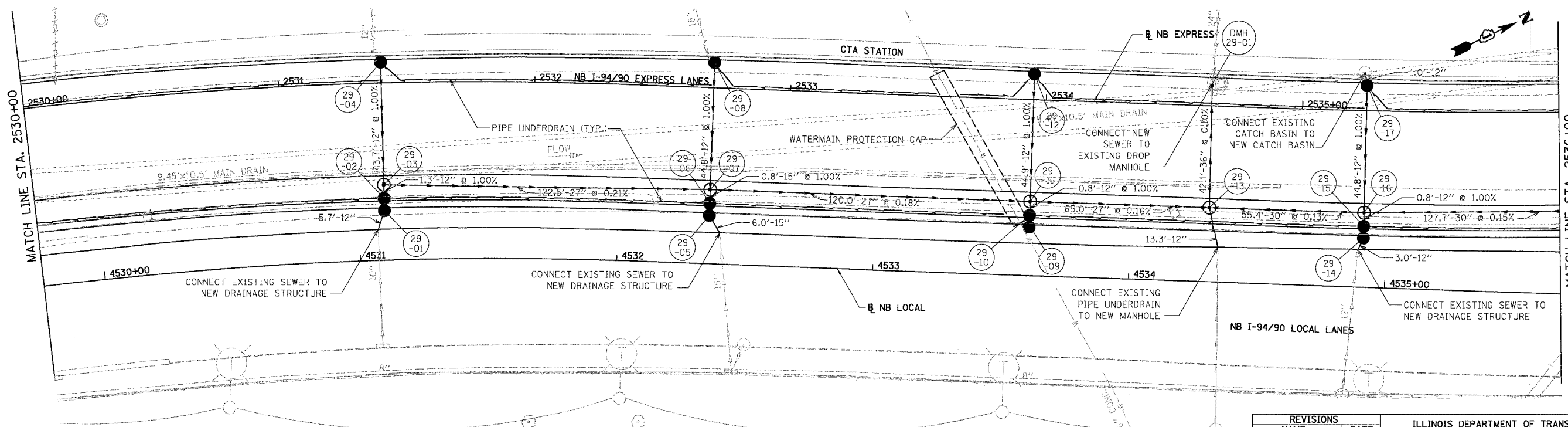
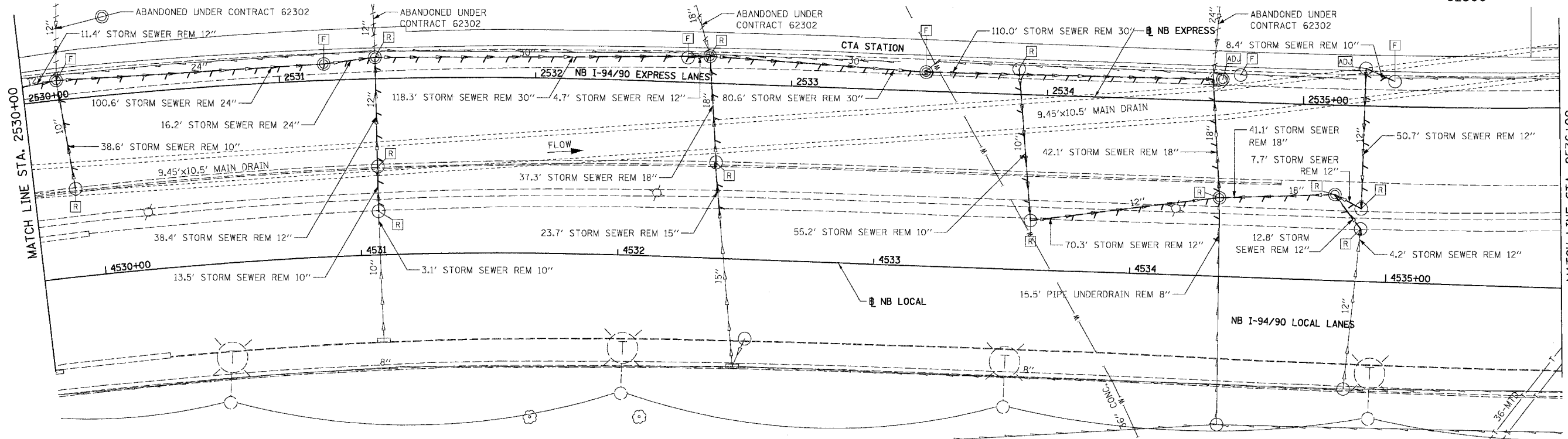
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2526+00 TO STA. 2530+00  
 SCALE: 1"=20'  
 DATE: T/7/05  
 DRAWN BY: LPN  
 CHECKED BY: PJM

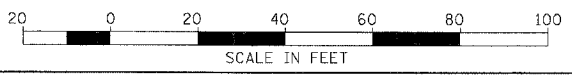
**Edwards**  
**AND Kelcey**  
 ONE NORTH FRANKLIN  
 CHICAGO, IL 60606  
 PHONE: (312) 251-3000  
 FAX: (312) 251-3015  
 WEB: WWW.EKCORP.COM

09/15/2005 02:12:12 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	185
STA.	TO STA.			
62300	1818, ETC.		2324.6-1PIR-8	



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PROPOSED CONDITIONS

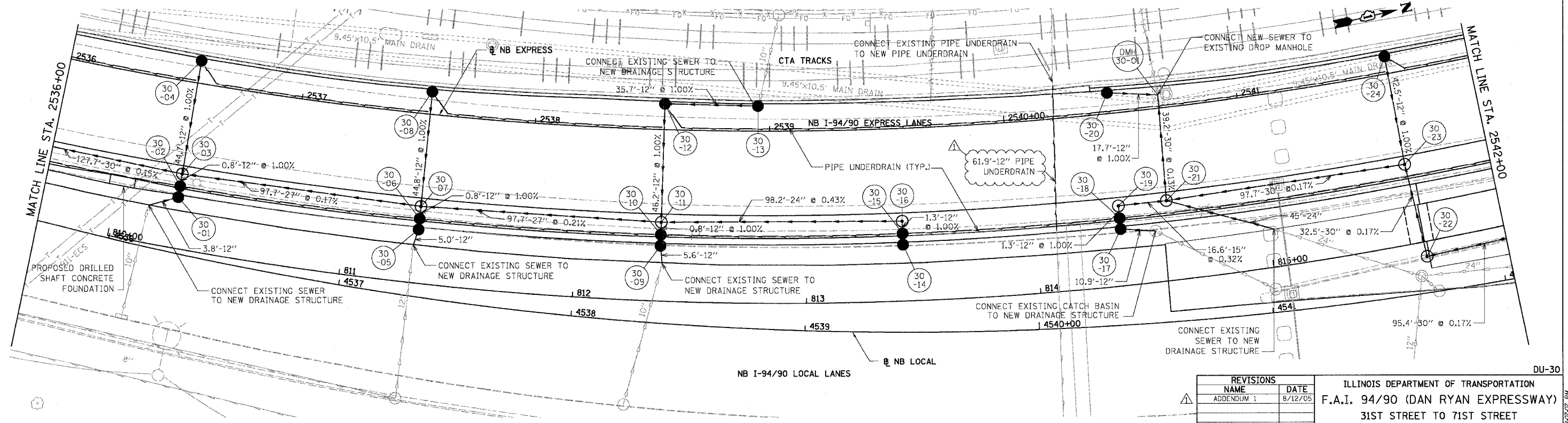
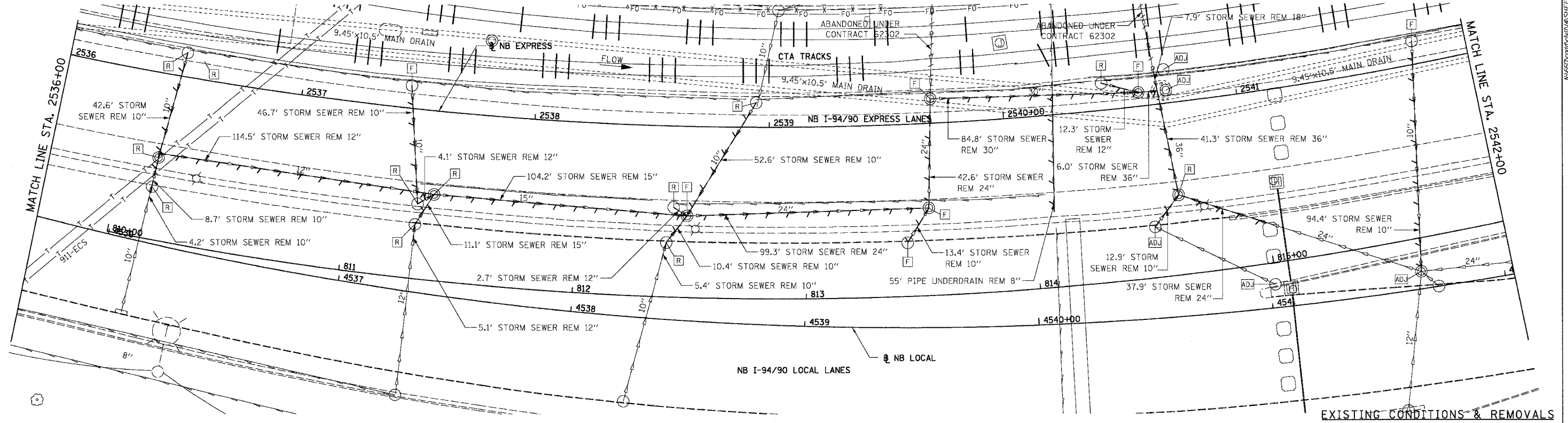
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2530+00 TO STA. 2536+00  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: JAM  
 CHECKED BY: DDM

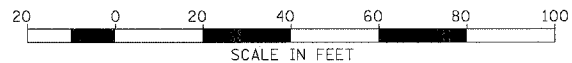
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	186
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	
62300			* (181B, ETC., 2324.6-1P)R-8	



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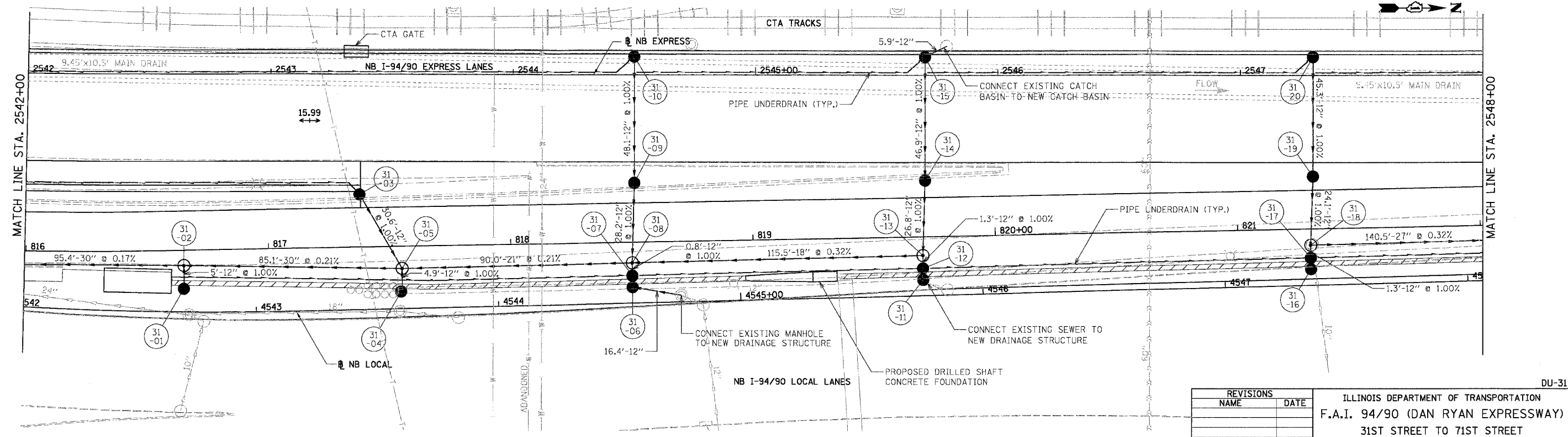
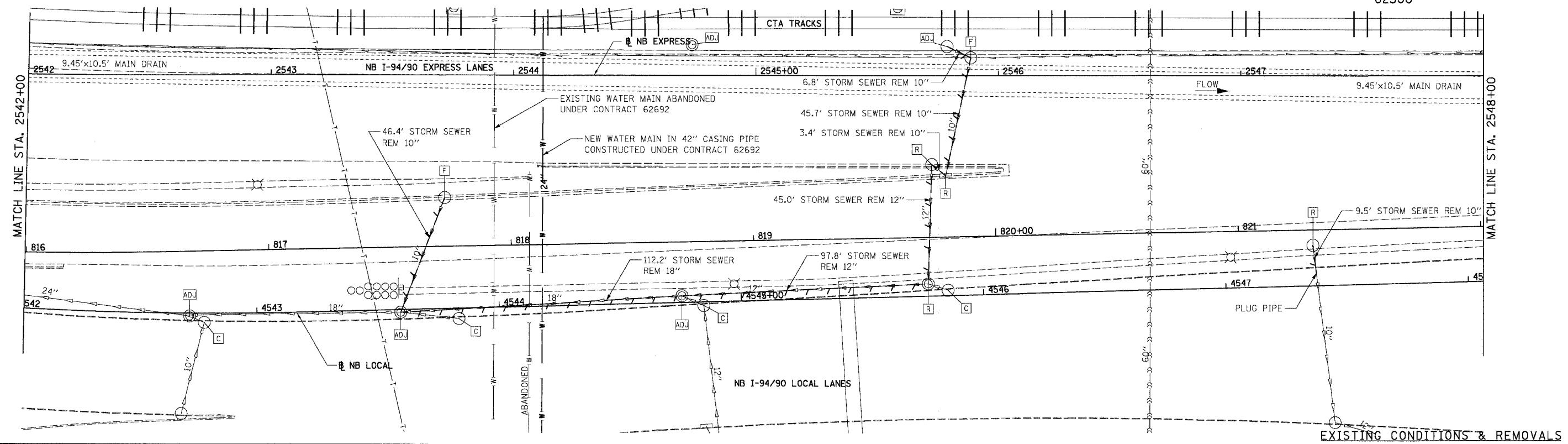


REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

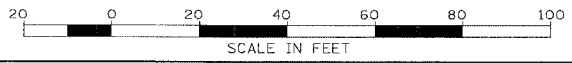
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2536+00 TO STA. 2542+00  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: JAM  
 CHECKED BY: DDM

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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	187
STA.	TO STA.			
62300				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		(1818, ETC, 2324.6-1PR-8		



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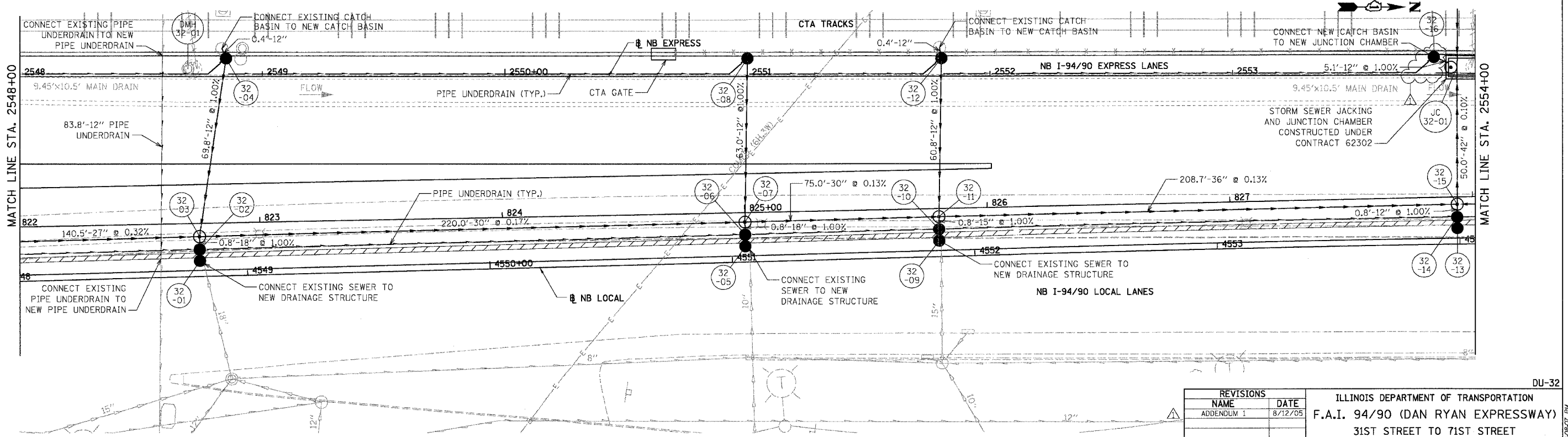
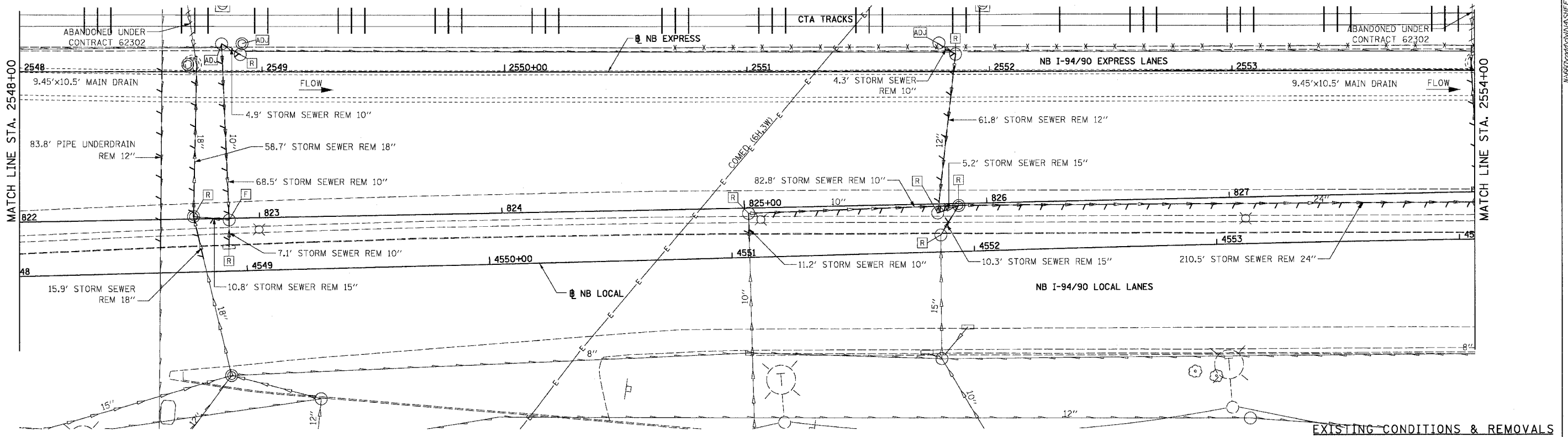


REVISIONS	
NAME	DATE

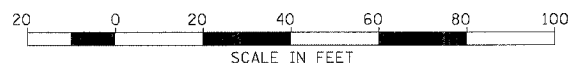
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2542+00 TO STA. 2548+00  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: JAM  
 CHECKED BY: DDM

REVISIONS: 12/16/01 PM  
 08/28/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	188
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62300	11818, ETC. 2324.6-1PIR-B			



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PROPOSED CONDITIONS

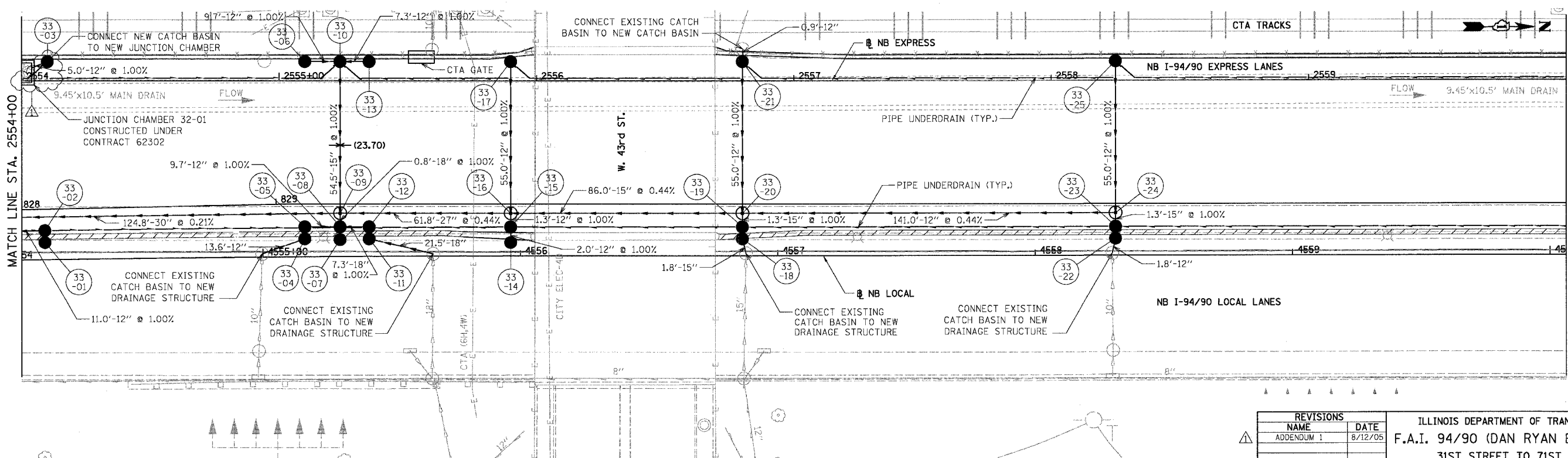
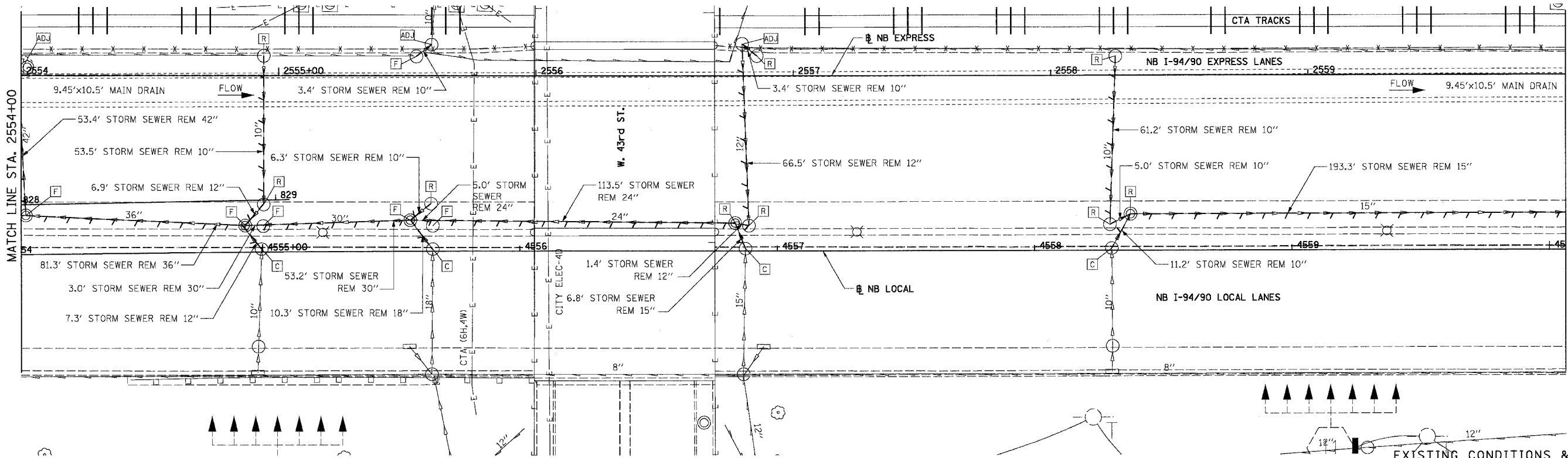
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
NORTHBOUND STA. 2548+00 TO STA. 2554+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

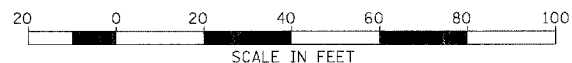
DU-32

08/06/07 PM 08/10/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	189
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		62300	
	• (1818, ETC., 2324.6-IPR-8			



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PROPOSED CONDITIONS

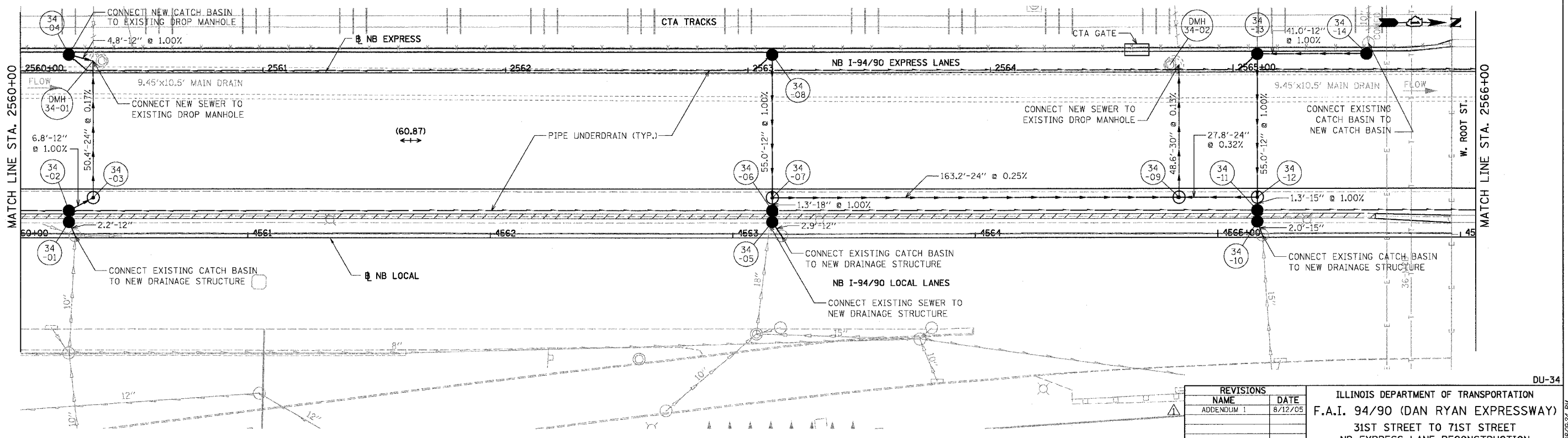
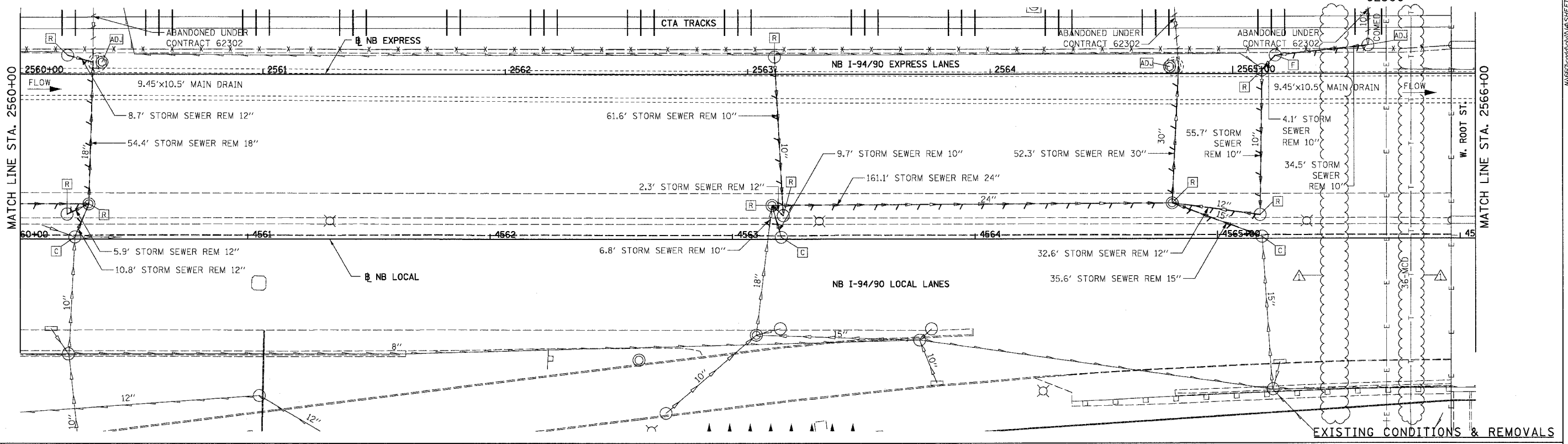
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
NORTHBOUND STA. 2554+00 TO STA. 2560+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

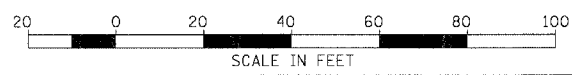
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F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *	COOK	556	190
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
	62300		
	* 11818, ETC, 2324.6-1PIR-8		



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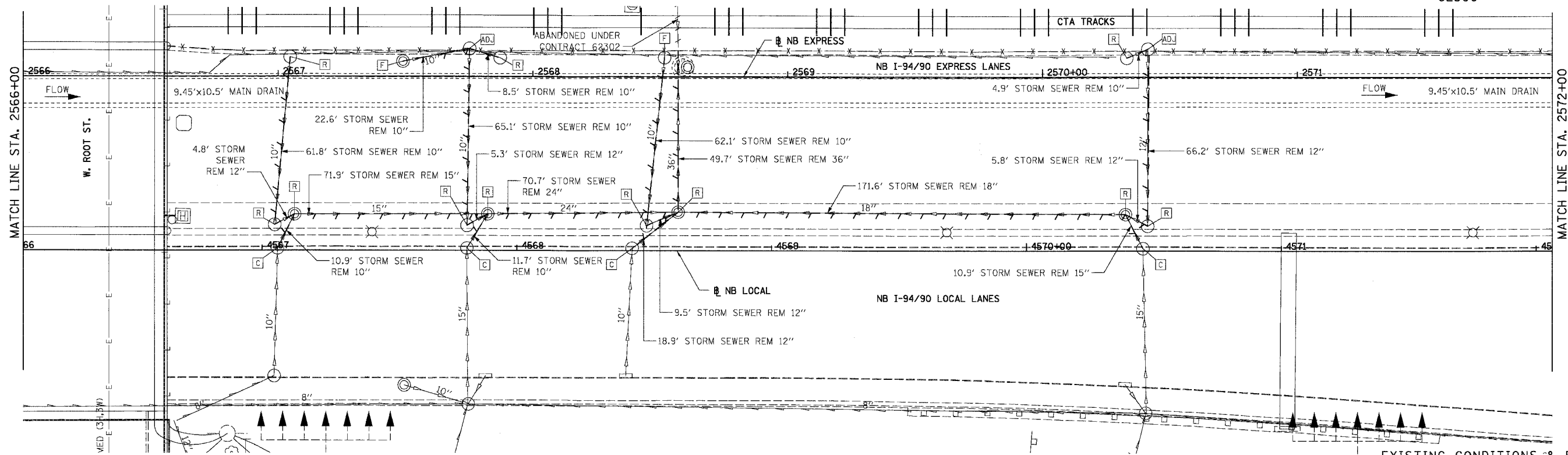


REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

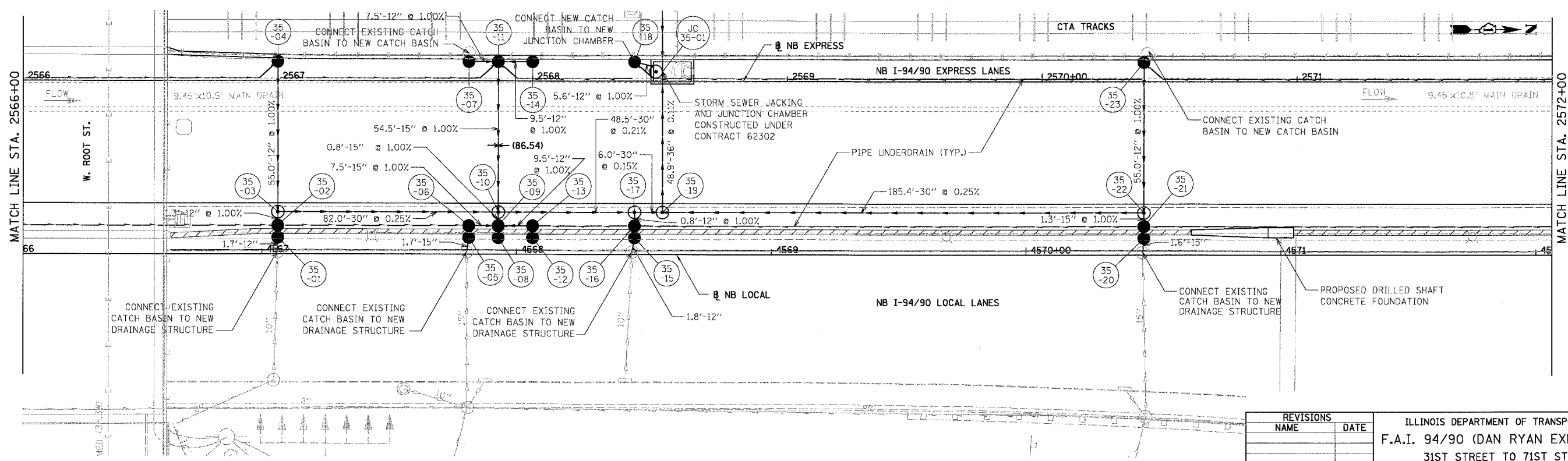
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
NORTHBOUND STA. 2560+00 TO STA. 2566+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

DU-34  
08/10/2005 08:03:24 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	191
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		* 01818, ETC, 2324.6-1P1R-8		



EXISTING CONDITIONS & REMOVALS



PROPOSED CONDITIONS

BOWMAN, BARRETT & ASSOCIATES INC  
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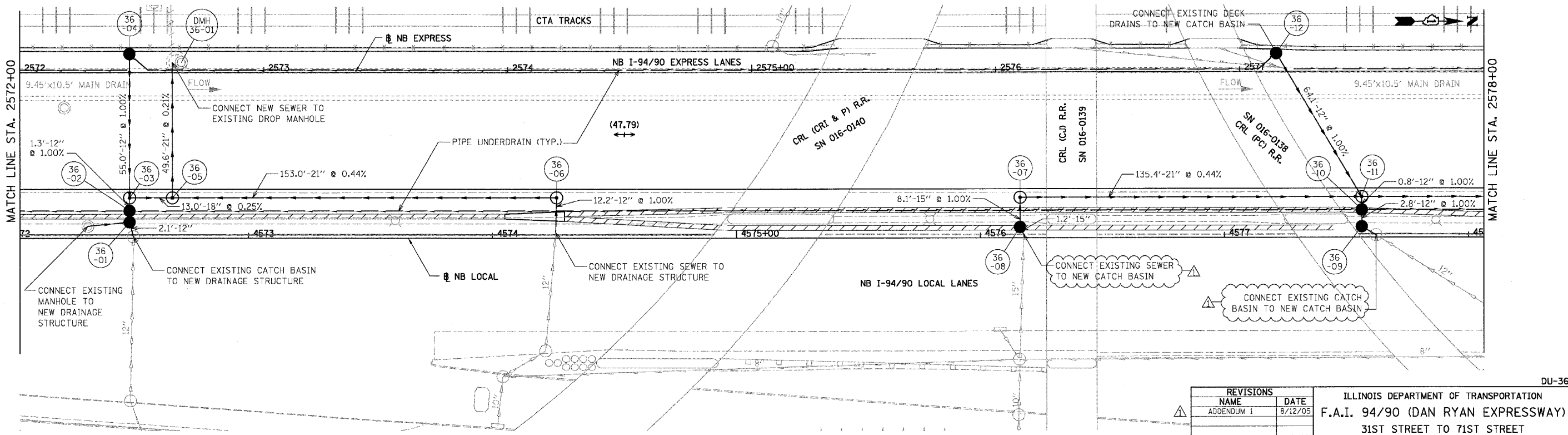
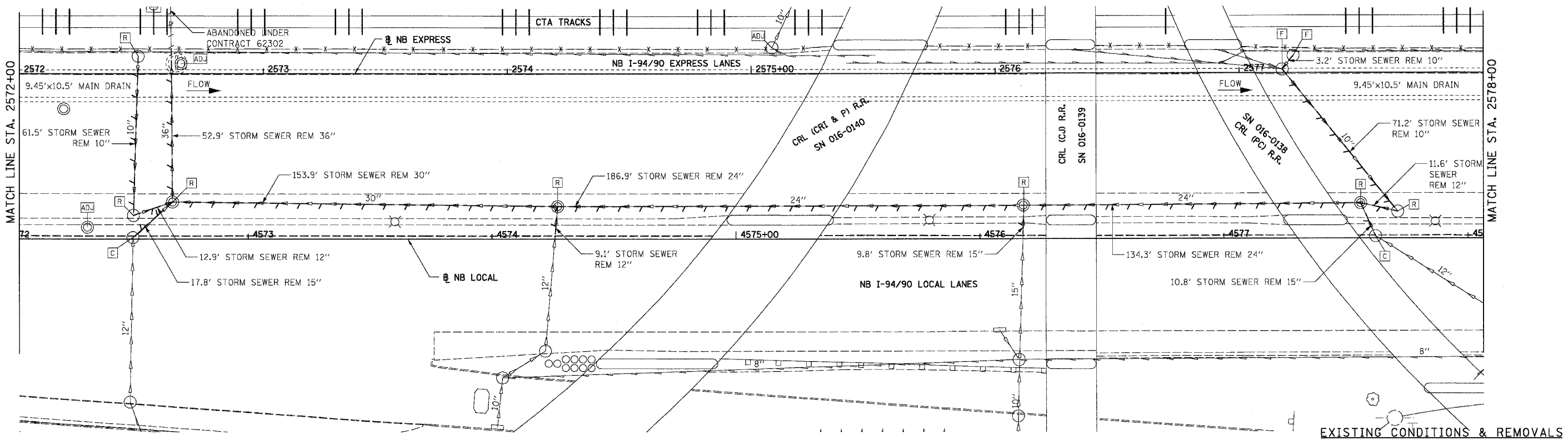
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
NORTHBOUND STA. 2566+00 TO STA. 2572+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

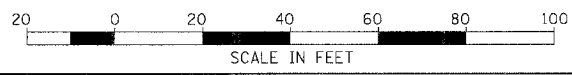
DU-35  
12/6/03 PM  
06/28/2005



F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	192
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62300	01818, ETC., 2324.6-1P1R-8			



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PROPOSED CONDITIONS

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

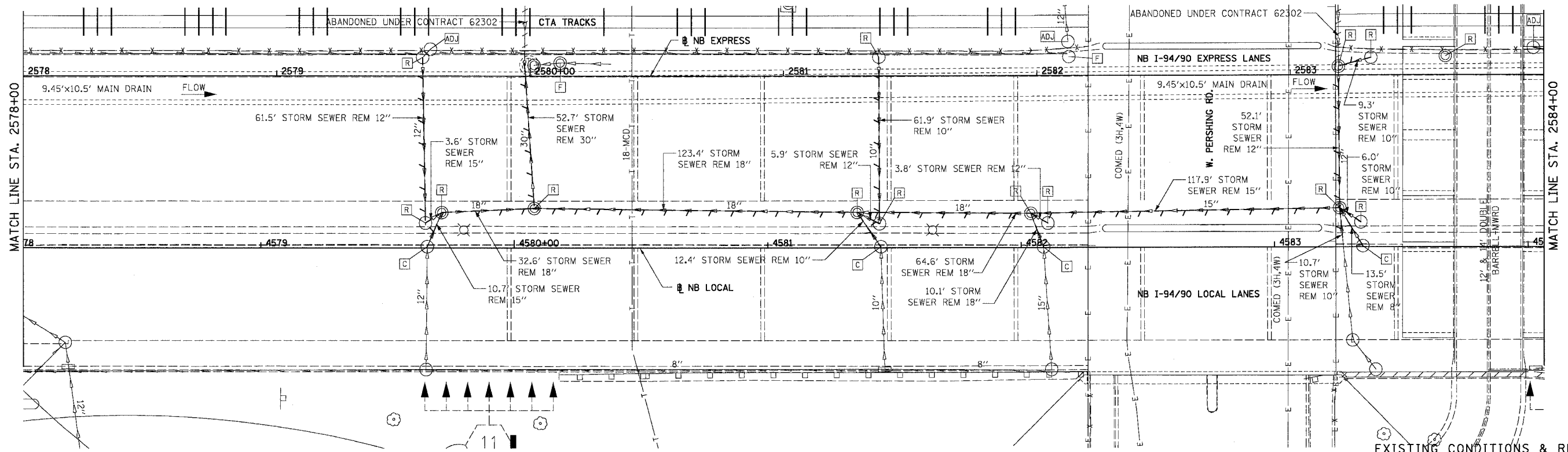
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
NORTHBOUND STA. 2572+00 TO STA. 2578+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

DU-36

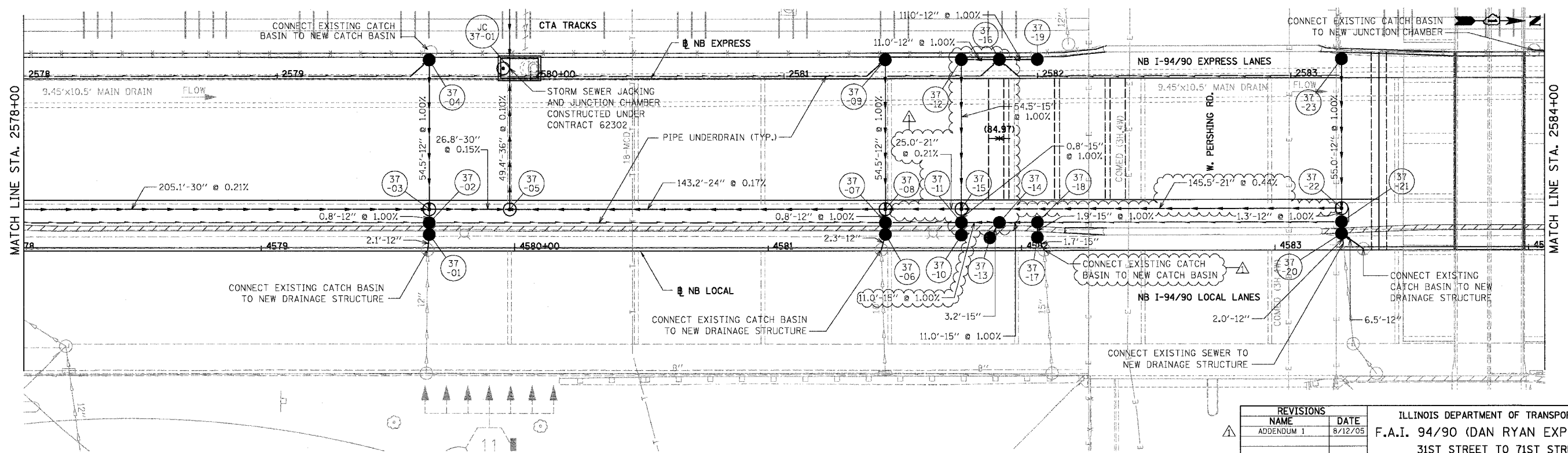
11/6/05 08:00 AM SHEET 560 - ADJ.P192.dgn



F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	193
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		0818, ETC, 2324.6-1P/R-8		

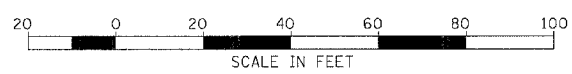


EXISTING CONDITIONS & REMOVALS



DU-37

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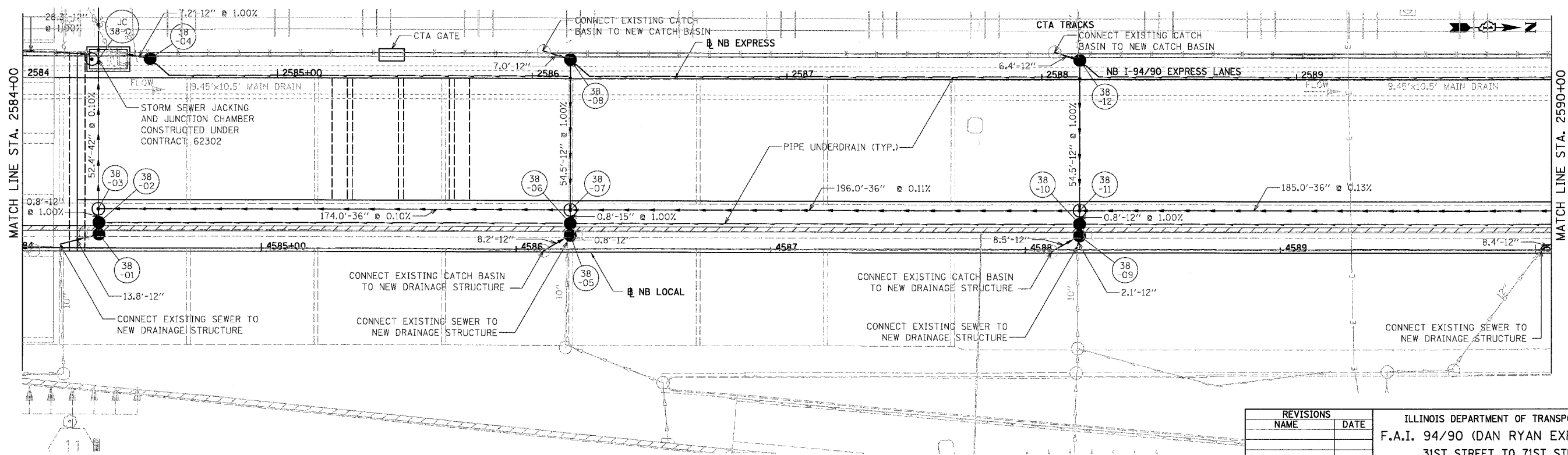
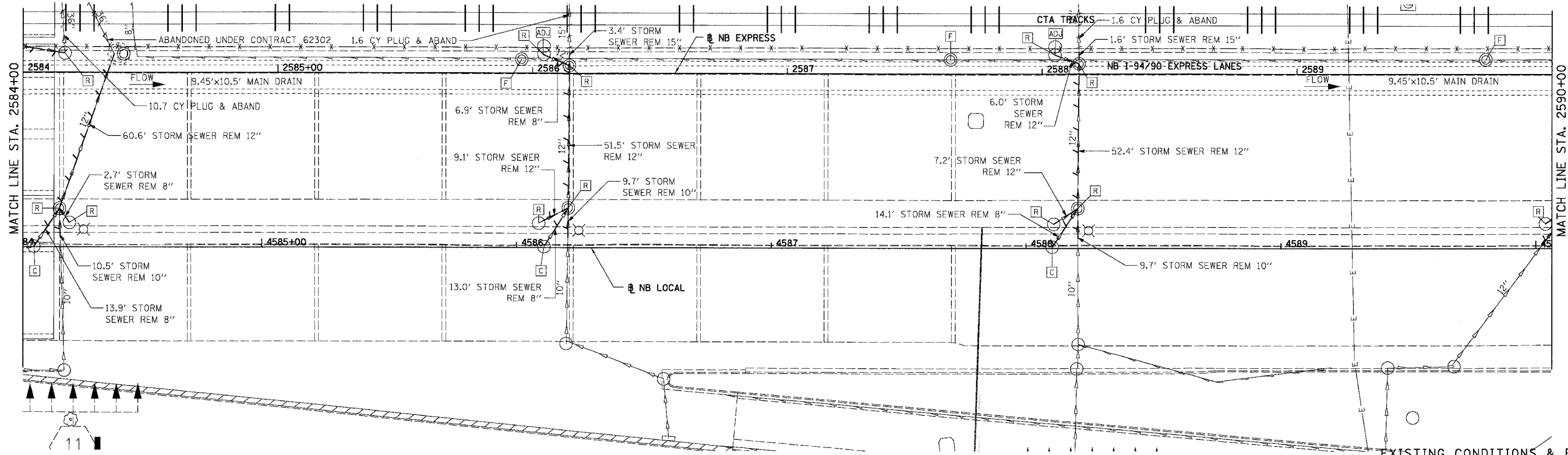
PROPOSED CONDITIONS

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  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
NORTHBOUND STA. 2578+00 TO STA. 2584+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

08/02/05 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	194
STA. 62300		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		• (1818, ETC, 2324.6-1P)R-8		



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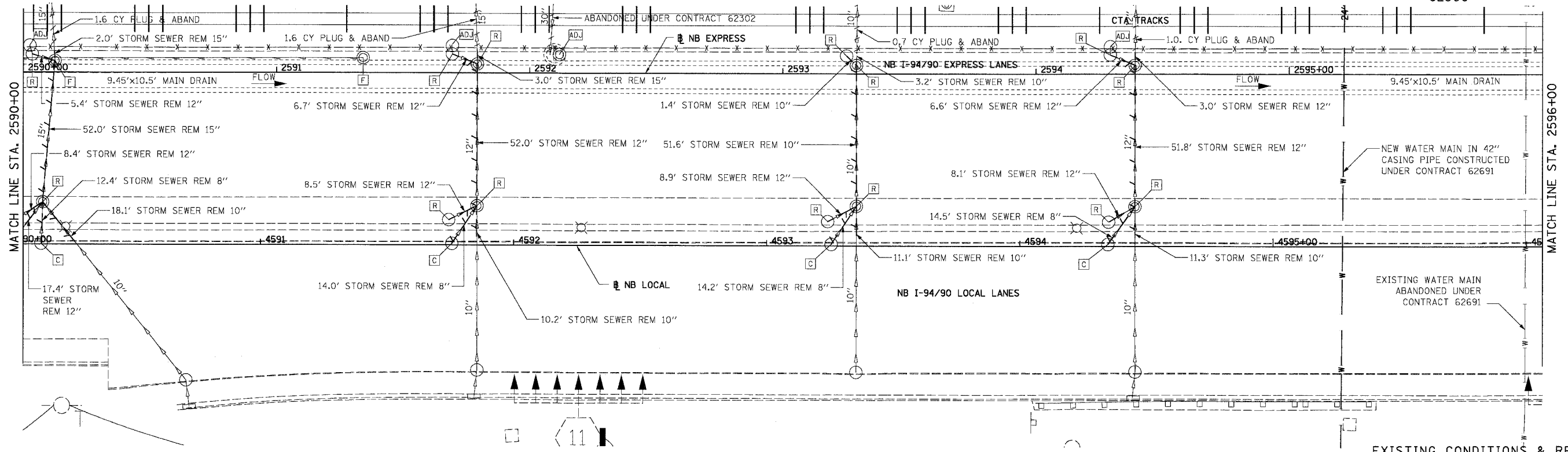
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
NORTHBOUND STA. 2584+00 TO STA. 2590+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

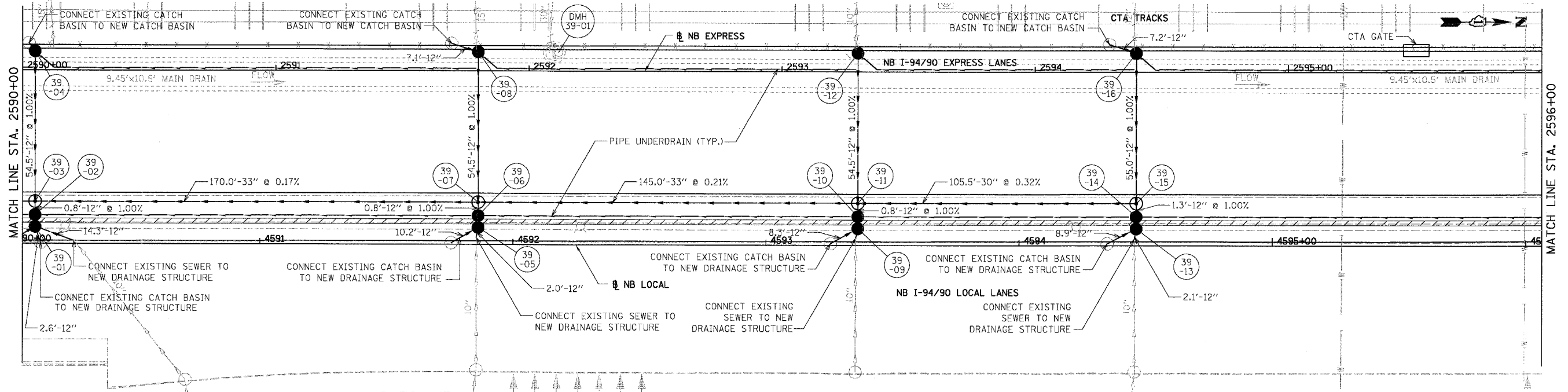
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	195
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		• (1818, ETC, 2324.6-IPR-8		

62300



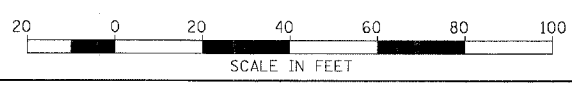
EXISTING CONDITIONS & REMOVALS



DU-39

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2590+00 TO STA. 2596+00  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: JAM  
 CHECKED BY: DDM



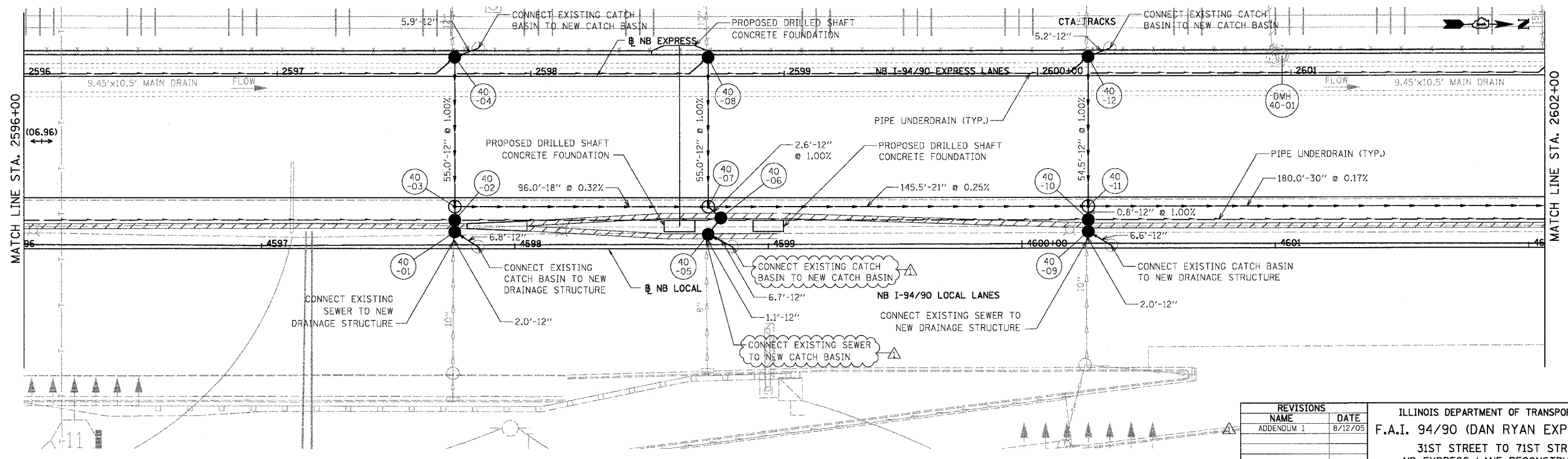
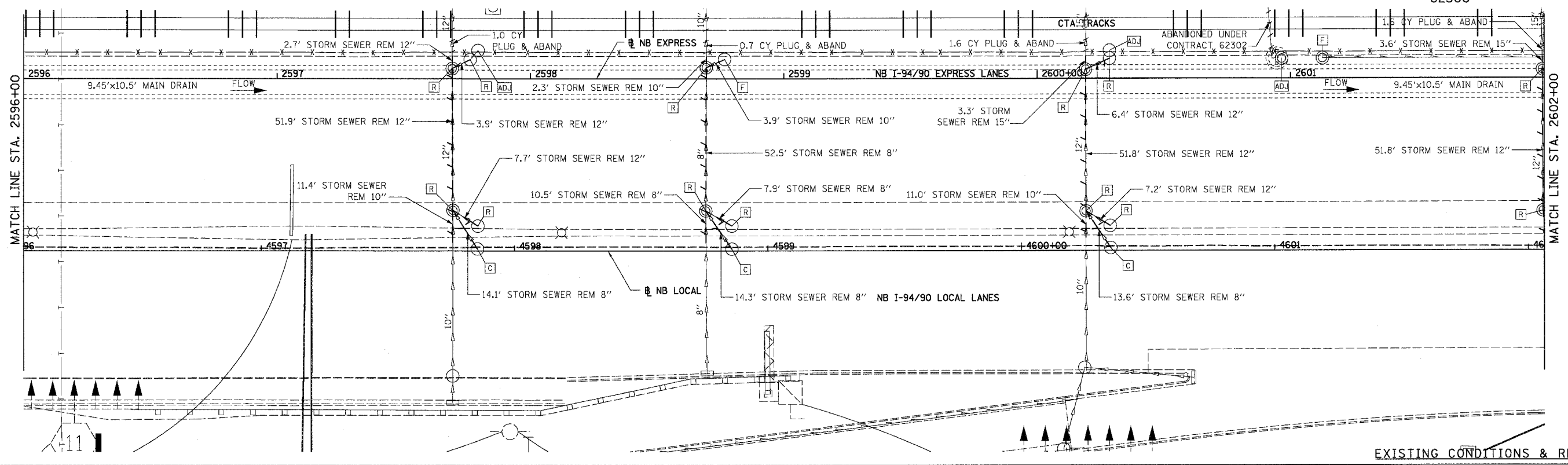
PROPOSED CONDITIONS

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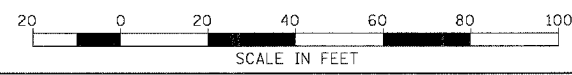
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	196
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		• (1818, ETC, 2324.6-1PR-8		

62300



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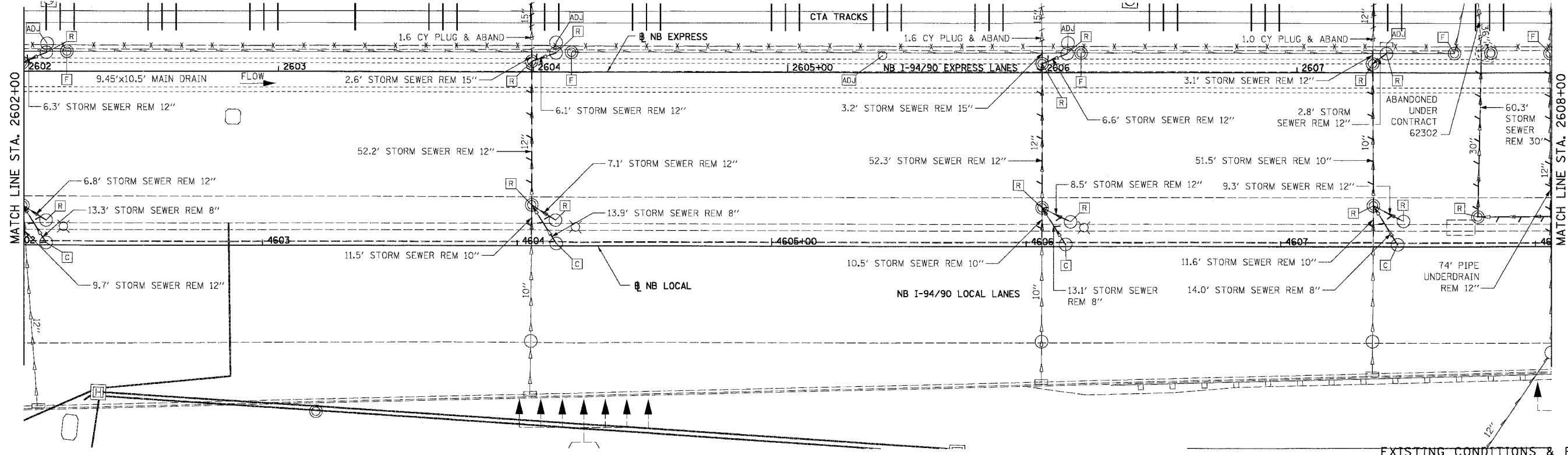


REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

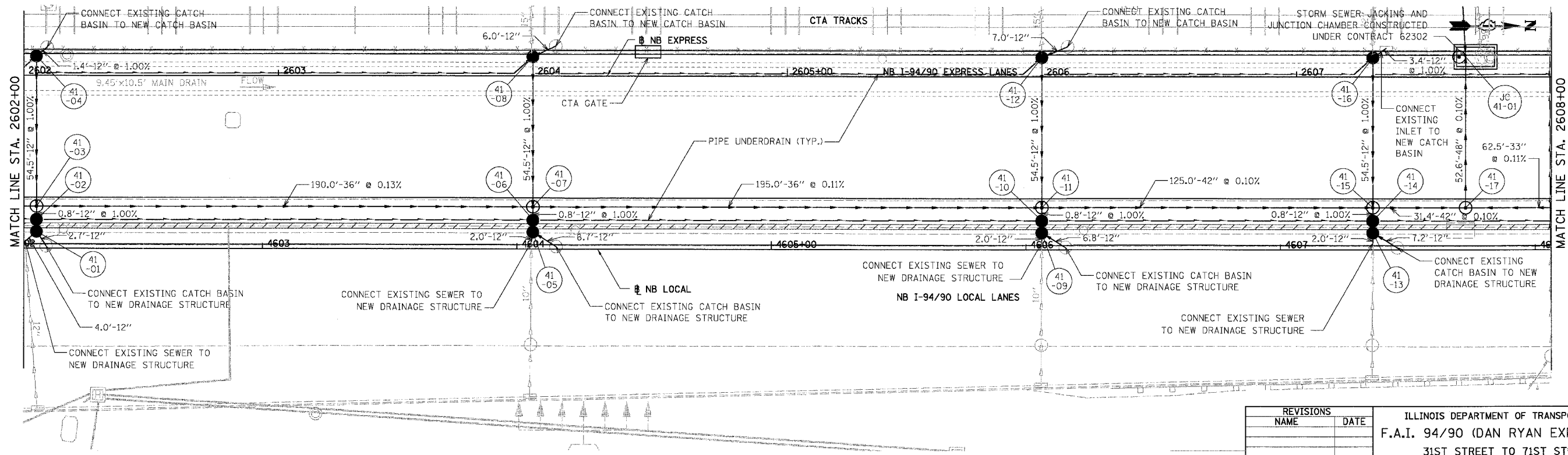
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
NORTHBOUND STA. 2596+00 TO STA. 2602+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

DU-40  
08/10/2005 08:00:57 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	197
STA.	TO STA.			
62300				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		• 0818, ETC, 2324.6-1P1R-8		



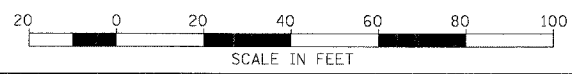
EXISTING CONDITIONS & REMOVALS



PROPOSED CONDITIONS

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2602+00 TO STA. 2608+00  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: JAM  
 CHECKED BY: DDM



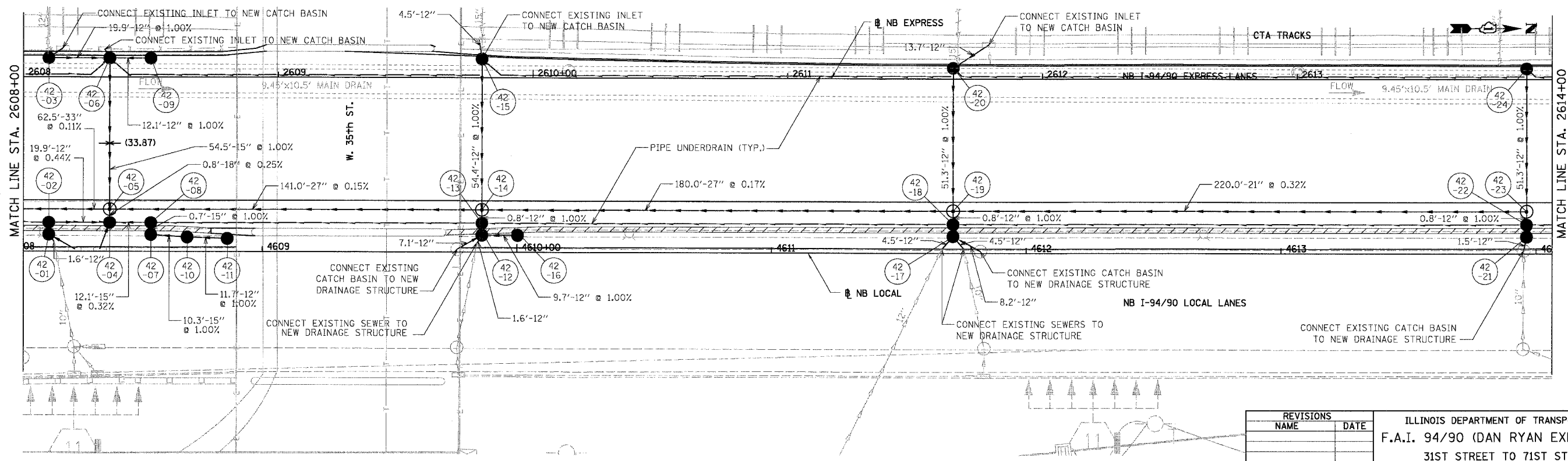
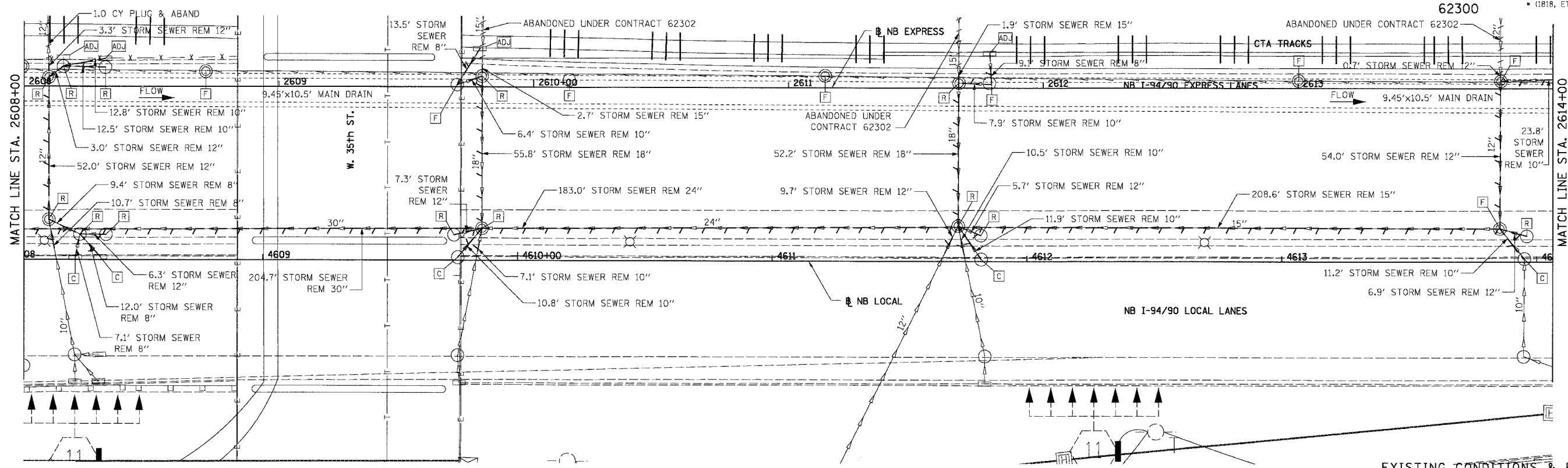
BOWMAN, BARRETT & ASSOCIATES INC.  
 CONSULTING ENGINEERS  
 Chicago, Illinois  
 312.228.0100  
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DU-41

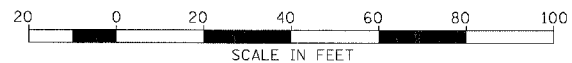
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	198
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		* (1818, ETC, 2324.6-IPR-8		

62300



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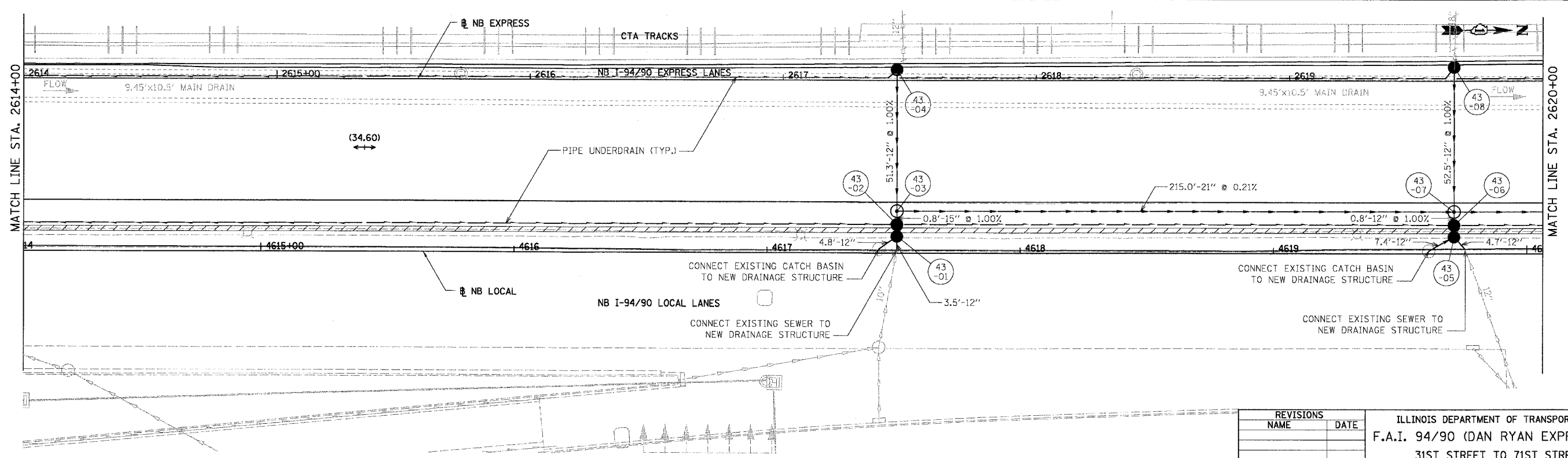
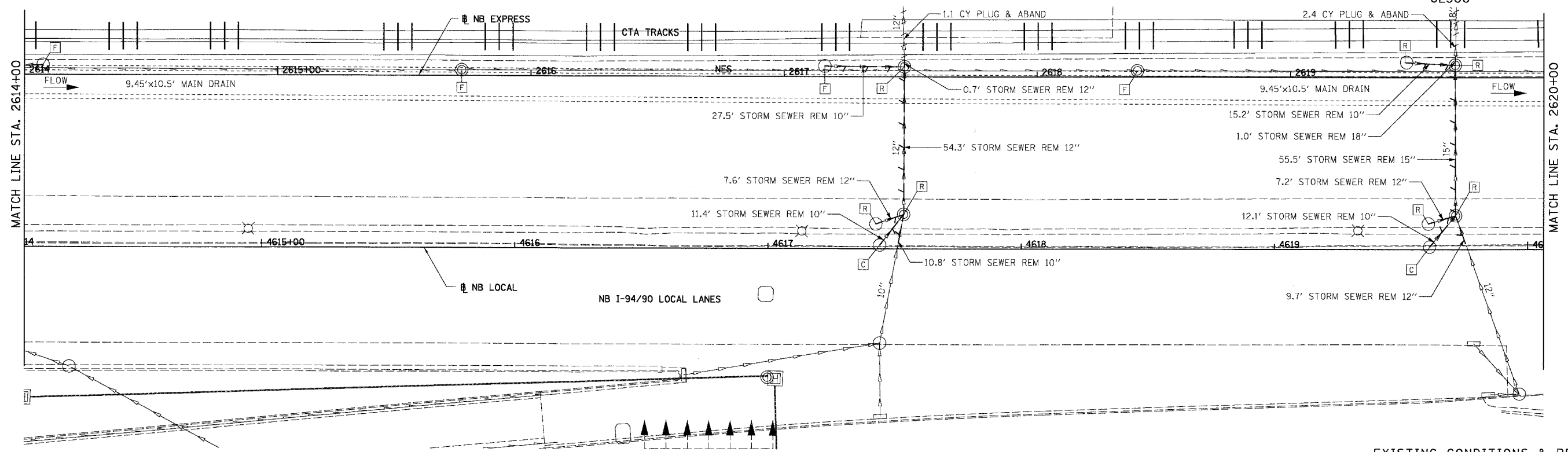
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
NORTHBOUND STA. 2608+00 TO STA. 2614+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

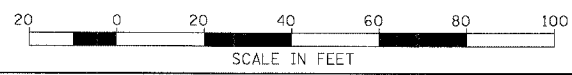
DU-42  
12/6/00 PM  
06/28/2005



F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	199
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	• (1816, ETC, 2324.6-1)R-8	



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REVISIONS	NAME	DATE

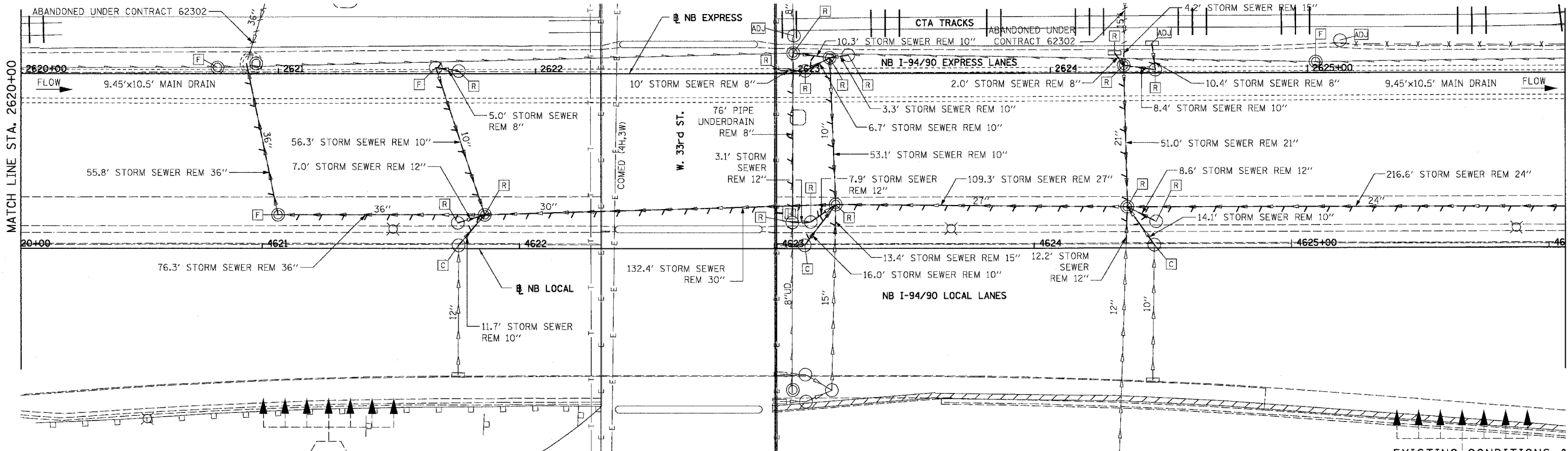
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
NB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
NORTHBOUND STA. 2614+00 TO STA. 2620+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: JAM  
CHECKED BY: DDM

DU-43  
12/6/07 PM  
06/28/2005

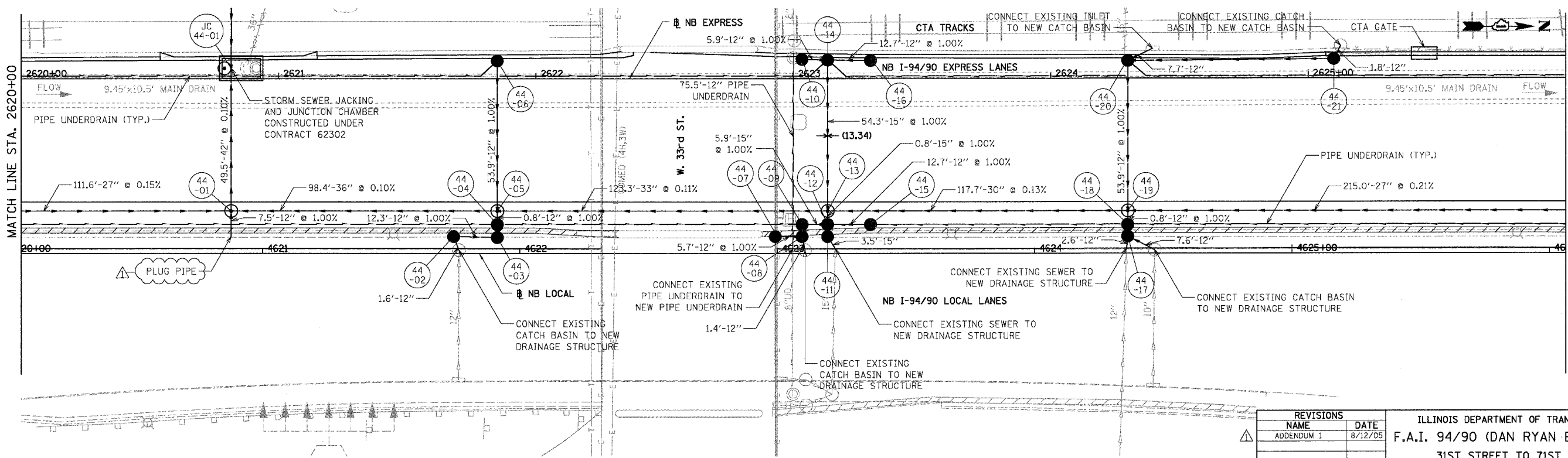


F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	200
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		1818, ETC, 2324.6-1P/R-8		

62300



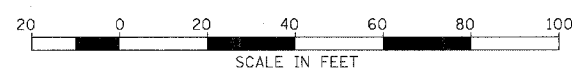
EXISTING CONDITIONS & REMOVALS



DU-44

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  
 NB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 NORTHBOUND STA. 2620+00 TO STA. 2626+00  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: JAM  
 CHECKED BY: DDM



PROPOSED CONDITIONS

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08/07/2005 08:04:53 PM