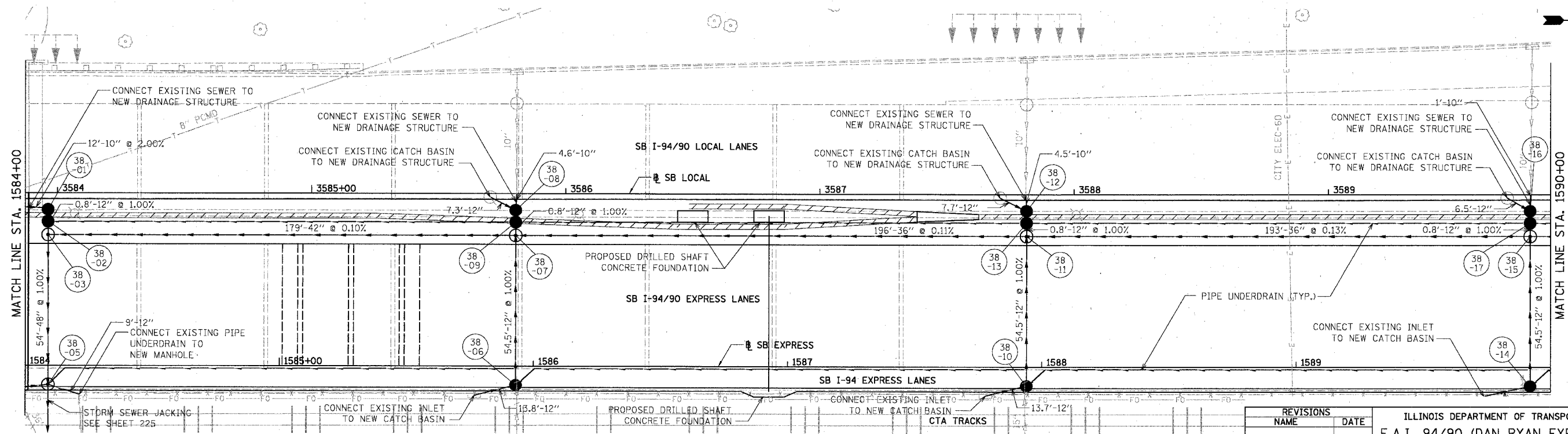
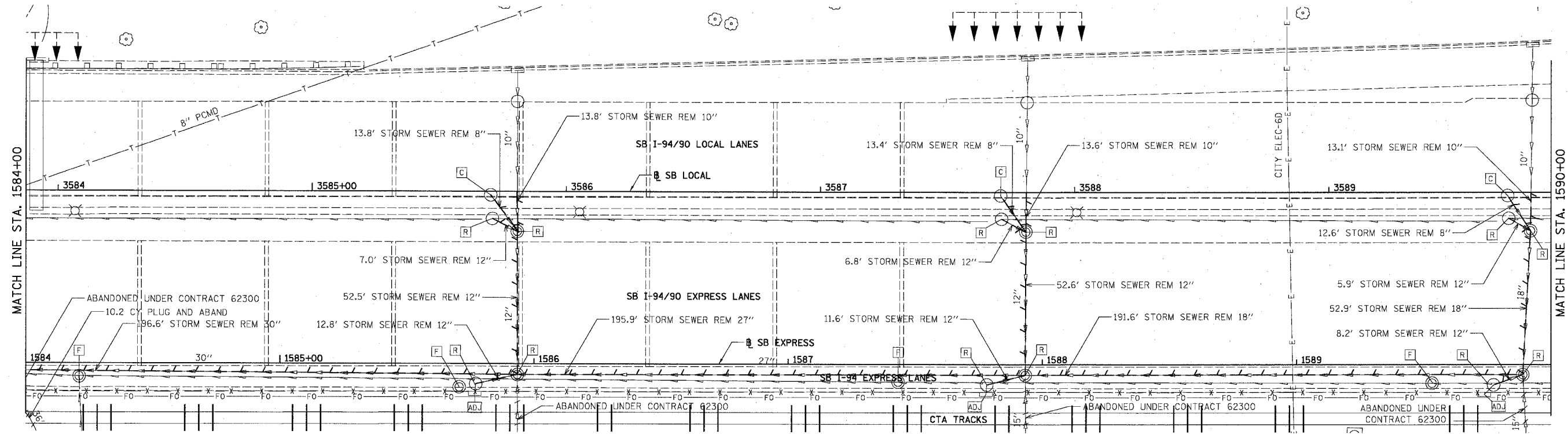
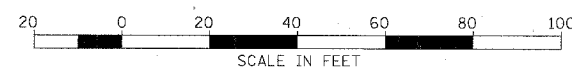


EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	201
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		1818, ETC, 2324.6-IP/R-9		



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



PROPOSED CONDITIONS

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
SOUTHBOUND STA. 1584+00 TO STA. 1590+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: OC  
CHECKED BY: DDM

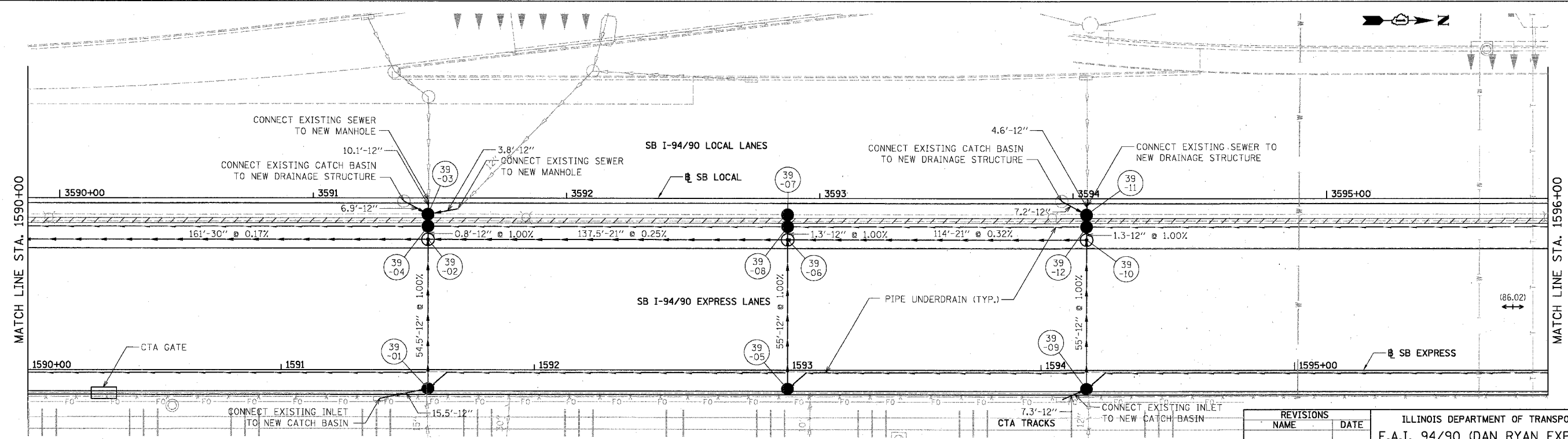
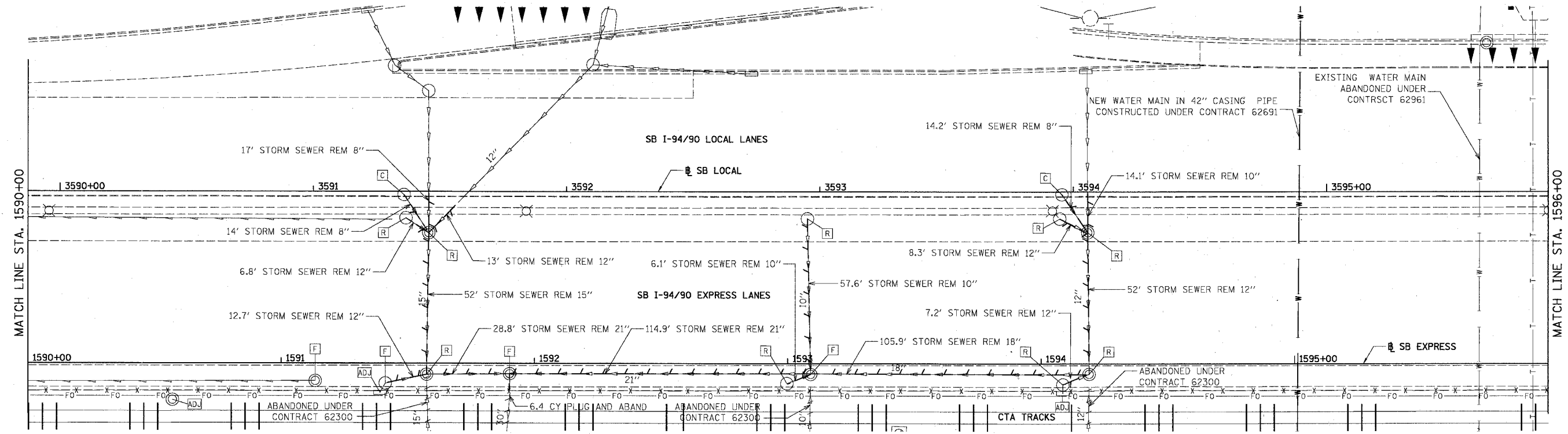
DU-38

15650-cadd/civil/ins sheets 6560-155a.rvt 01.dgn

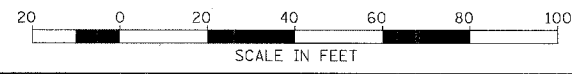
12/5/11 PM 06/29/2005

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	202
STA.		TO STA.		
62302		1818, ETC, 2324.6-1PR-9		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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



PROPOSED CONDITIONS

REVISIONS NAME	DATE

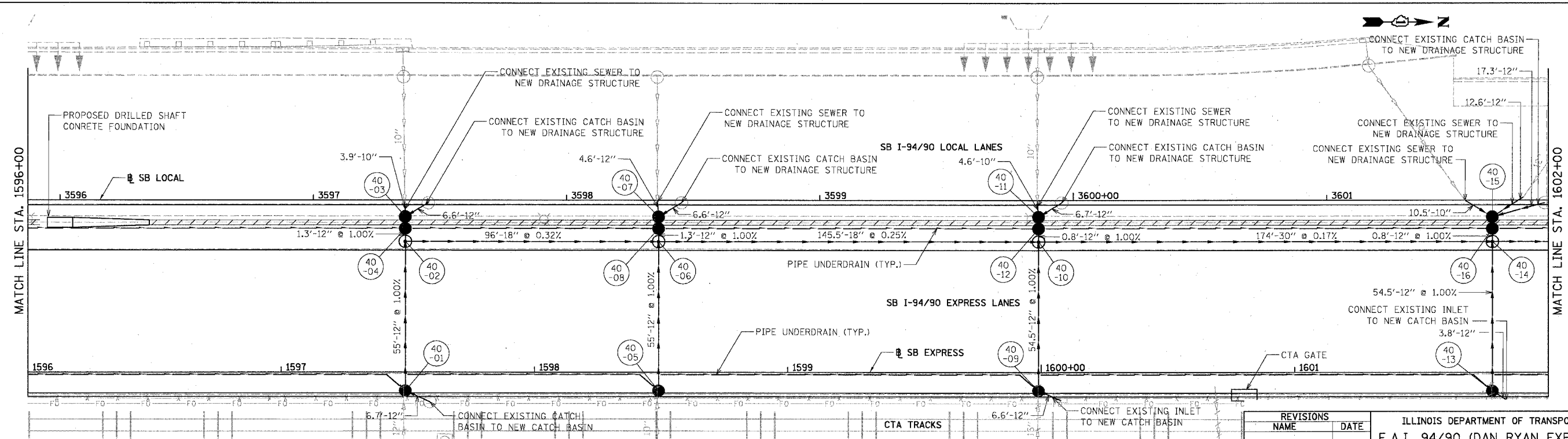
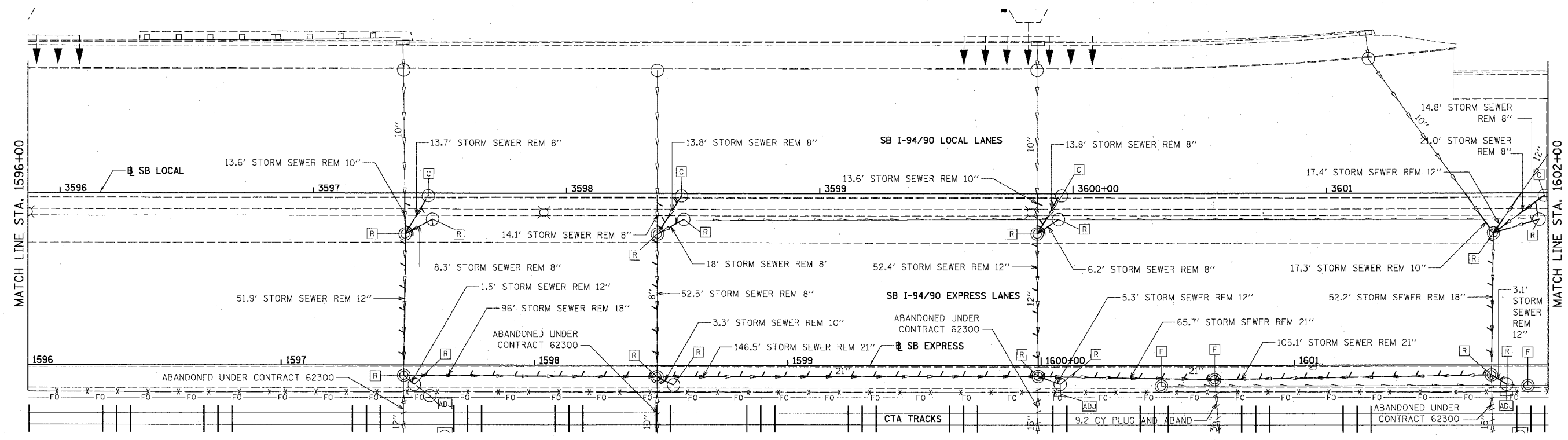
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
SOUTHBOUND STA. 1590+00 TO STA. 1596+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: OC  
CHECKED BY: DDM

DU-39

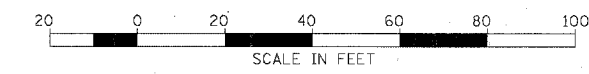
12/19/23 PM 06/29/2005

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	203
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	1818, ETC, 2324.6-1PR-9			



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



PROPOSED CONDITIONS

REVISIONS NAME	DATE

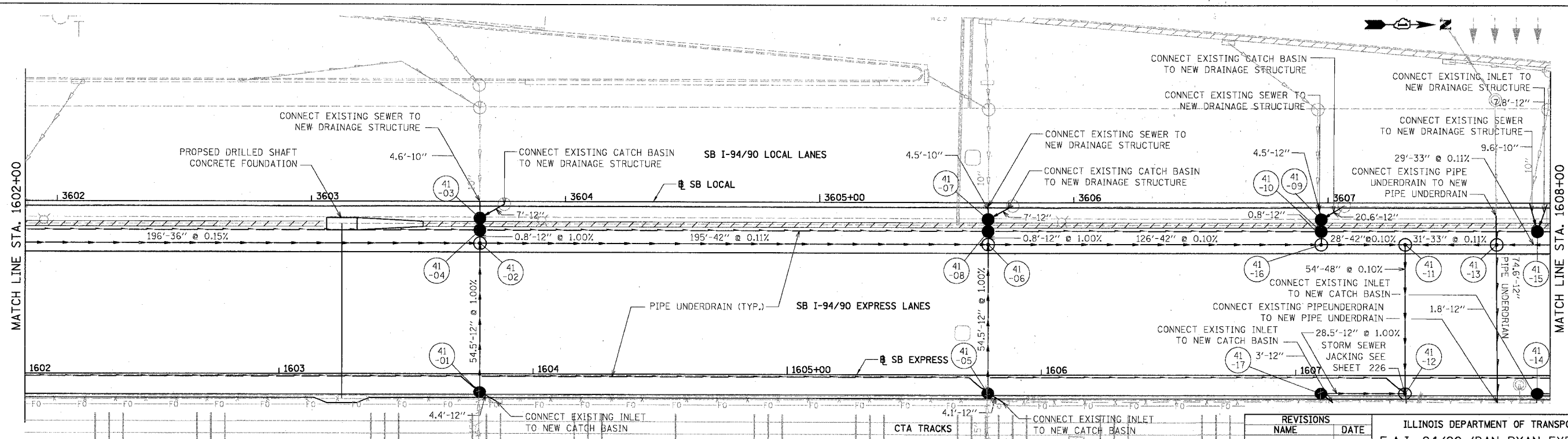
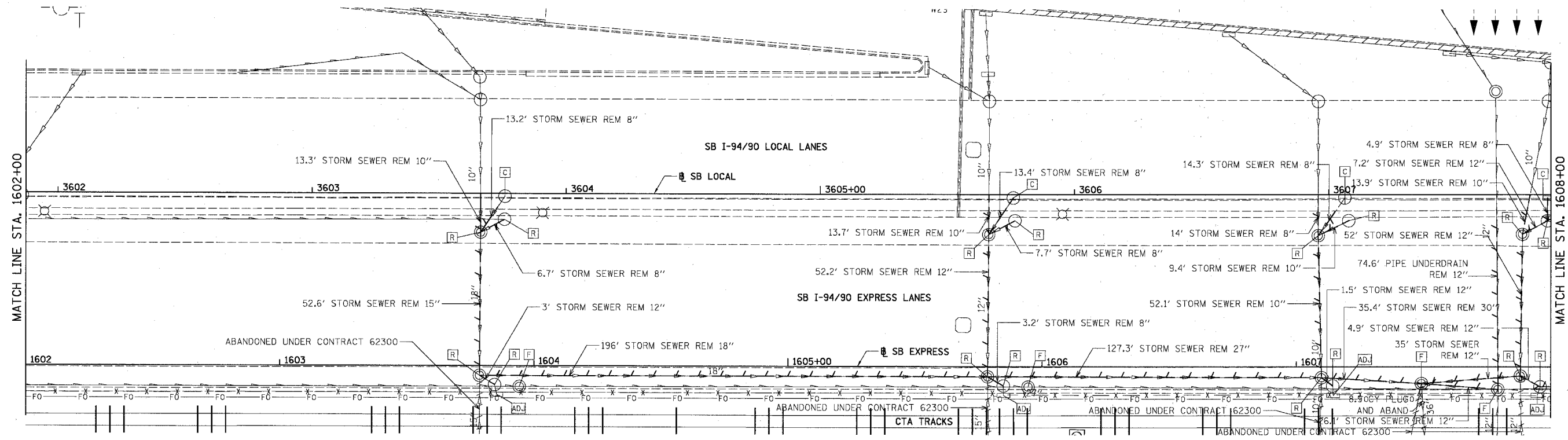
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
SOUTHBOUND STA. 1596+00 TO STA. 1602+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: OC  
CHECKED BY: DDM

DU-40

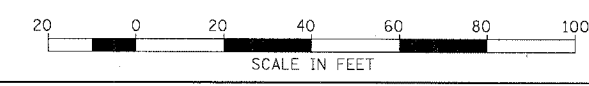
12/5/05 PM 06/29/2005

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	204
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	(1818, ETC, 2324.6-1PR-9			



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



PROPOSED CONDITIONS

REVISIONS	NAME	DATE

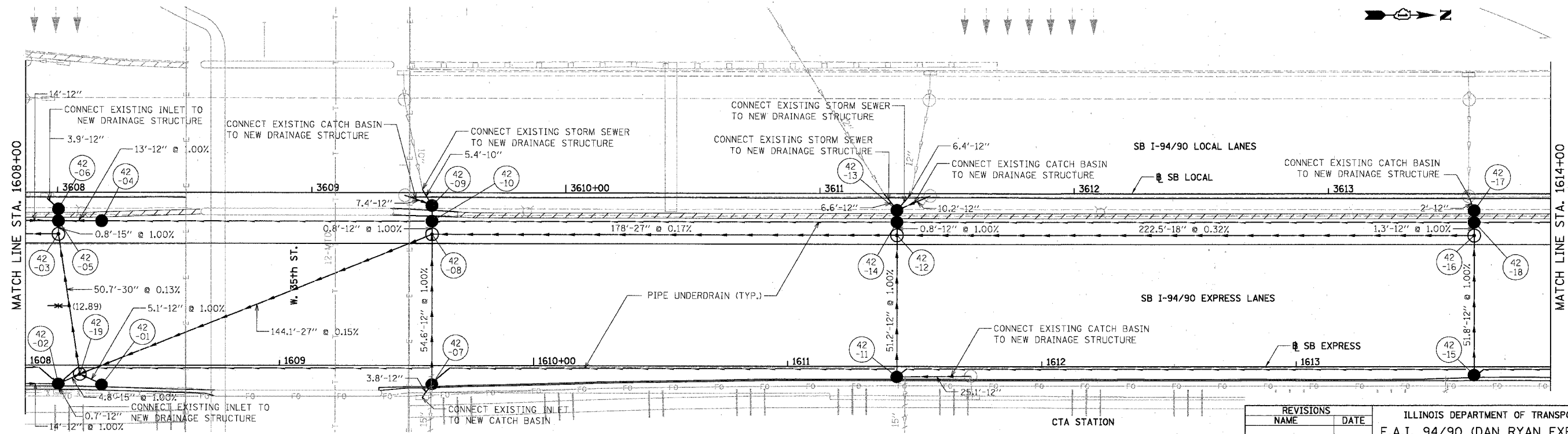
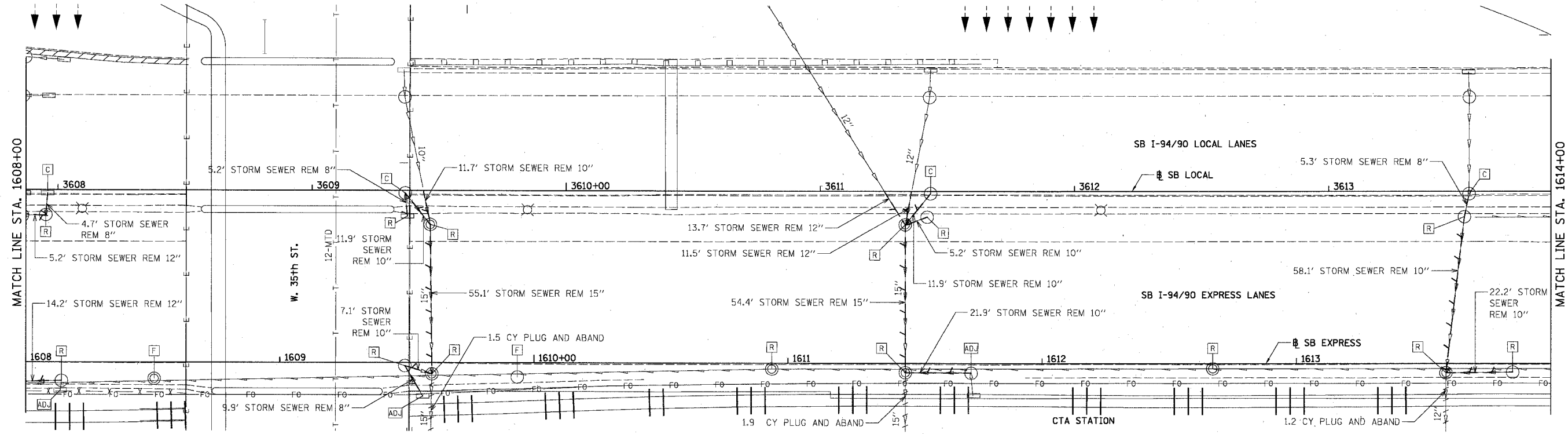
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
SOUTHBOUND STA. 1602+00 TO STA. 1608+00  
SCALE: 1"=20'  
DATE: 07/01/05  
DRAWN BY: OC  
CHECKED BY: ODM

DU-41  
12/09/05 PM

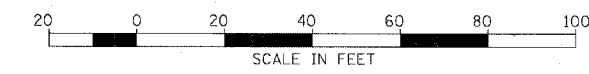


EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	205
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	• (B18, ETC, 2324.6-1)R-9			



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



PROPOSED CONDITIONS

REVISIONS	NAME	DATE

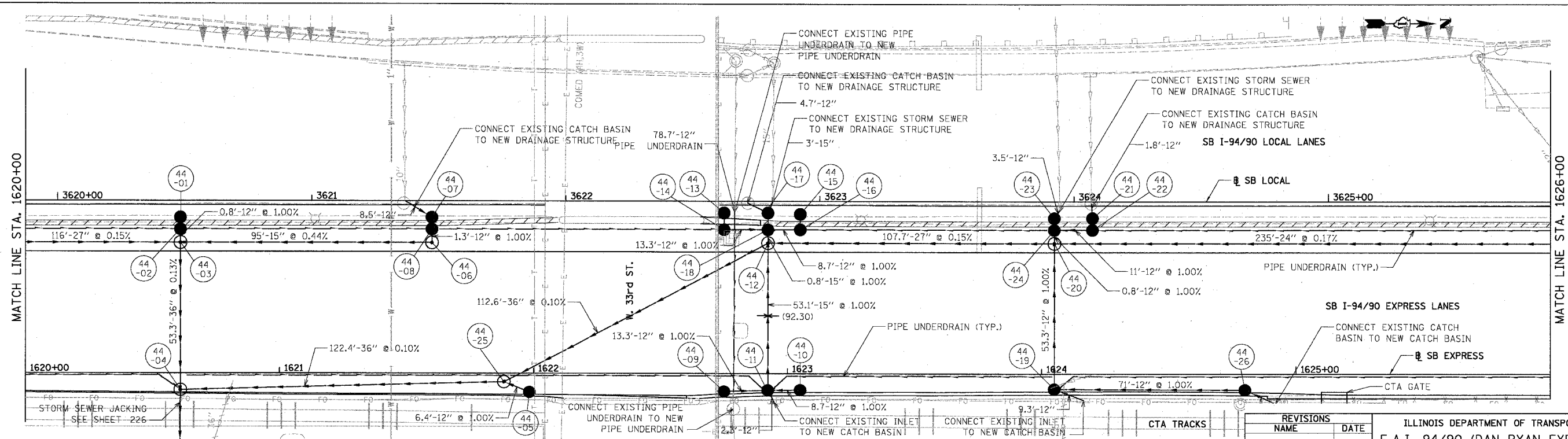
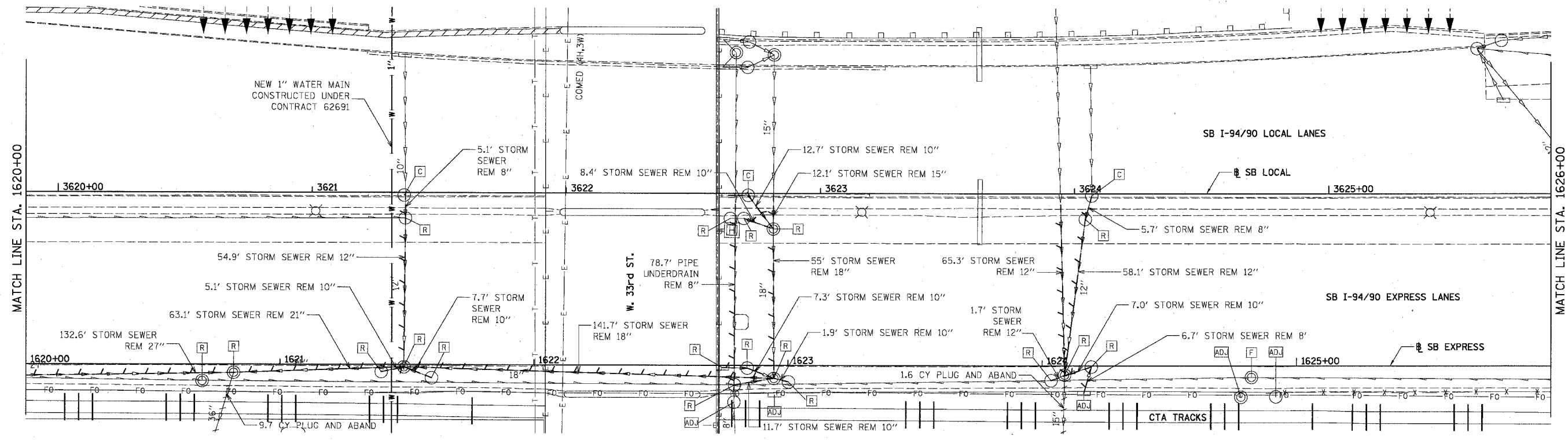
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
SOUTHBOUND STA. 1608+00 TO STA. 1614+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: OC  
CHECKED BY: DDM

DU-42  
12/5/2005

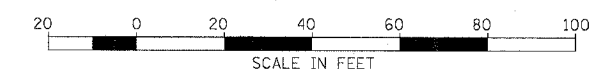


EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	207
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	• (1818, ETC., 2324.6-IPR-9			



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



PROPOSED CONDITIONS

REVISIONS	NAME	DATE

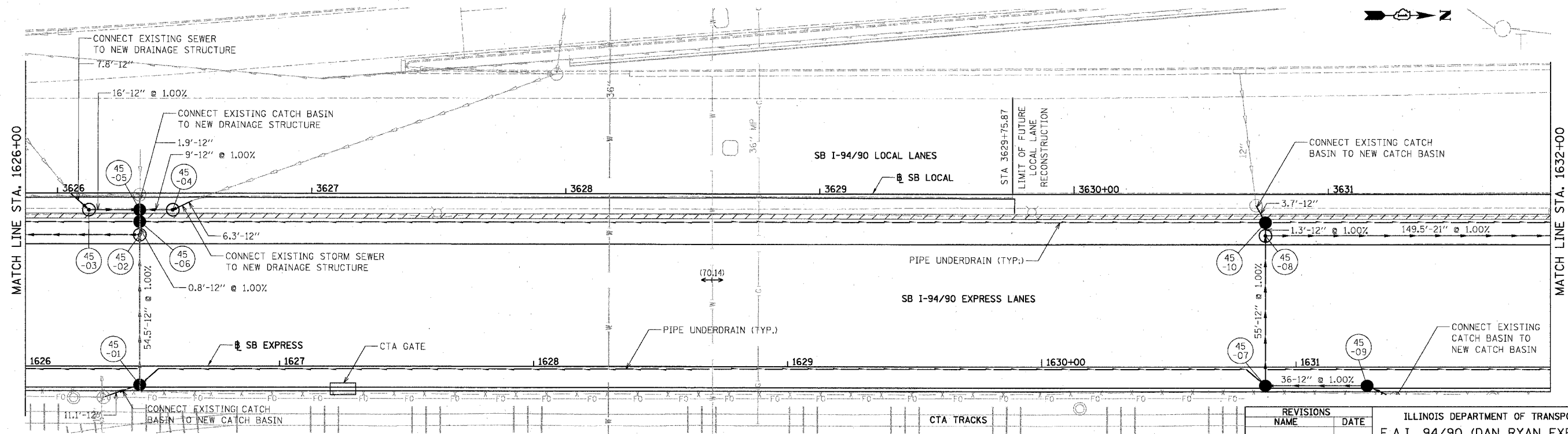
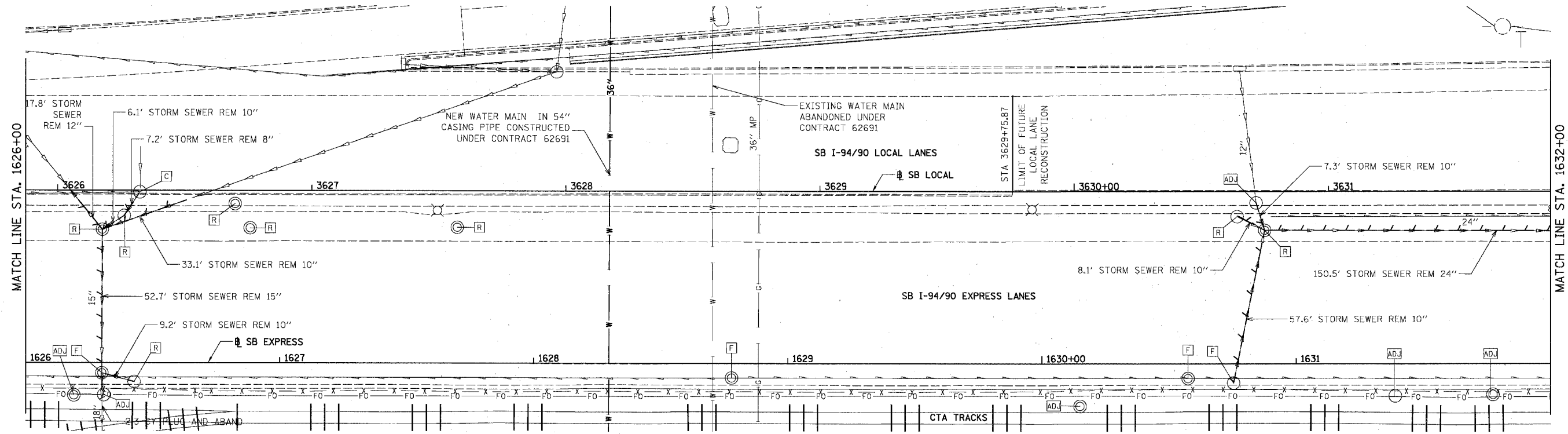
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE AND UTILITIES PLAN  
 SOUTHBOUND STA. 1620+00 TO STA. 1626+00  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: OC  
 CHECKED BY: DDM

DU-44

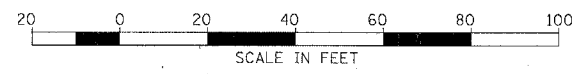
12/9/21 PM 06/29/2005

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	208
STA.		TO STA.		
62302		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. • (1818, ETC, 2324.6-1)PR-9				



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



PROPOSED CONDITIONS

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
SOUTHBOUND STA. 1626+00 TO STA. 1632+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: CC  
CHECKED BY: DDM

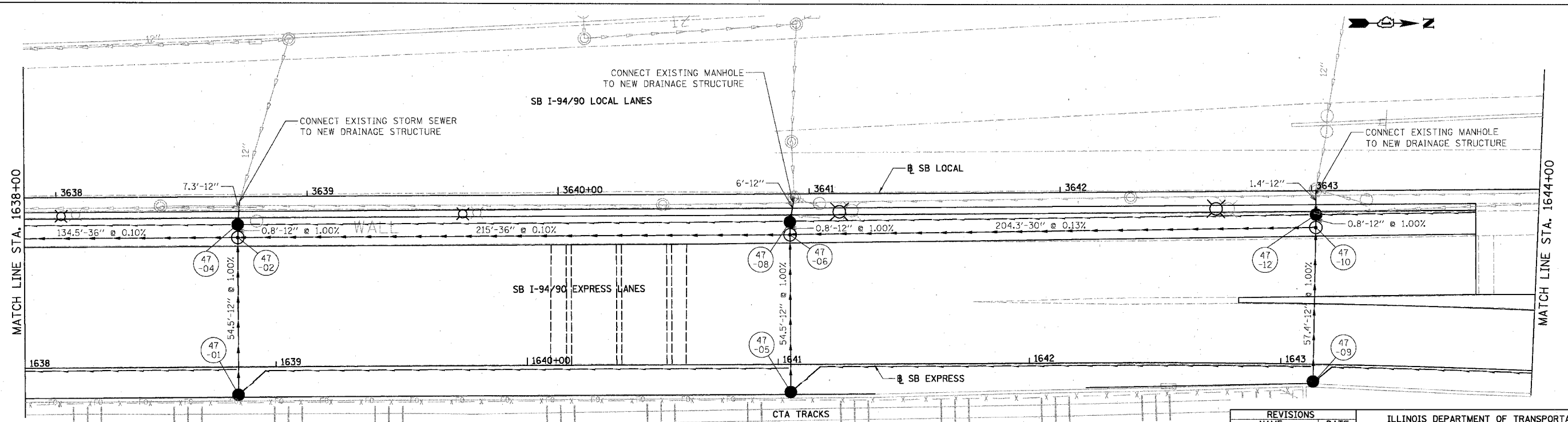
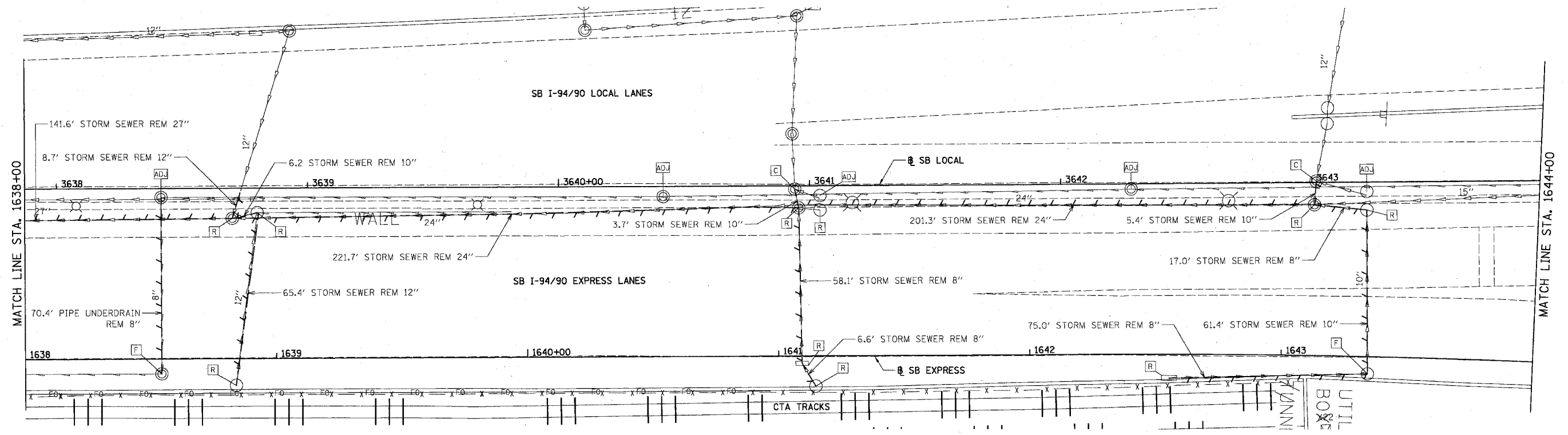
DU-45

12/5/02 PM

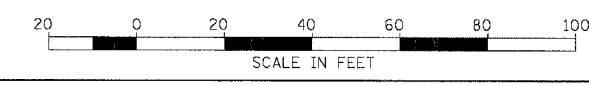


EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	210
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	• (1818, ETC., 2324.6-IPR-9			



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



PROPOSED CONDITIONS

REVISIONS	NAME	DATE

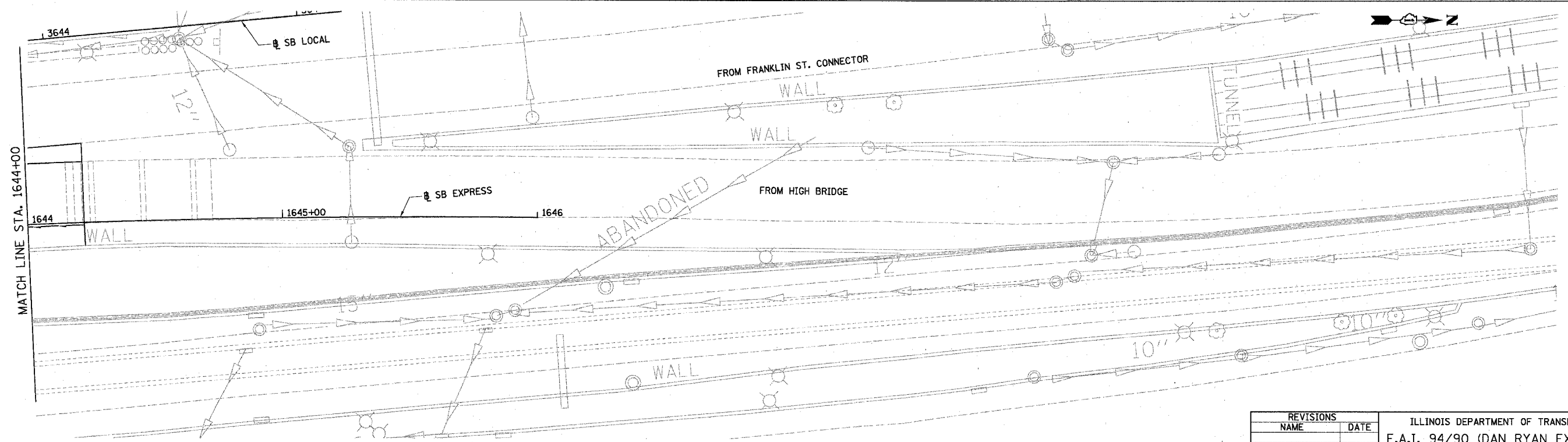
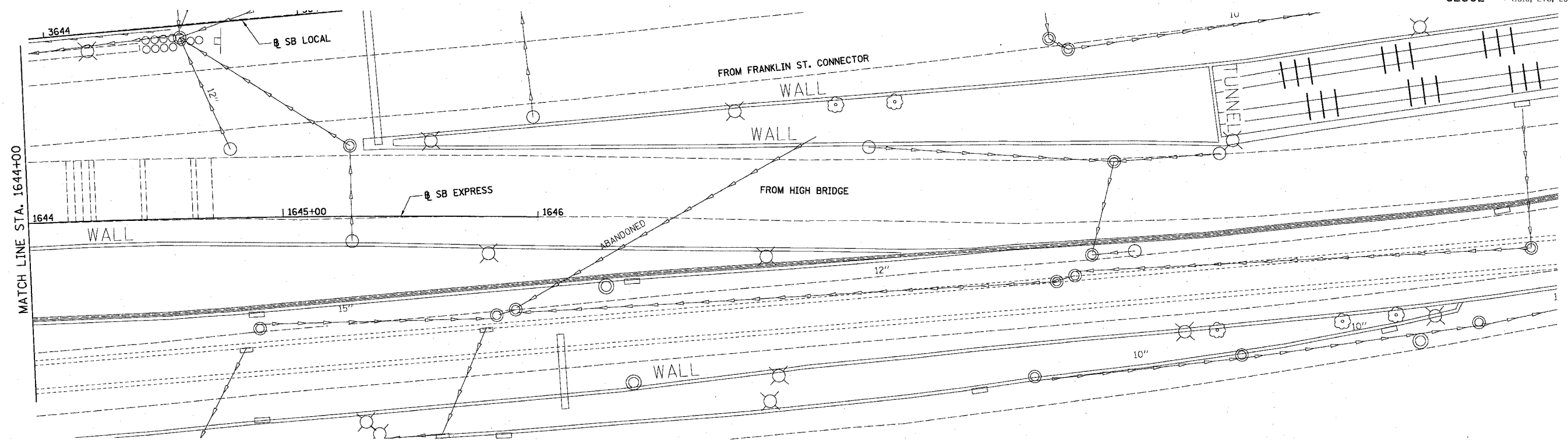
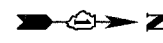
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
SOUTHBOUND STA. 1638+00 TO STA. 1644+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: OC  
CHECKED BY: DDM

DU-47  
06/29/2005



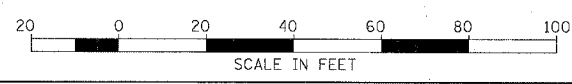
EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	211
STA.		TO STA.		
62302		• (1818, ETC, 2324.6-1)PR-9		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE: NO PROPOSED DRAINAGE WORK THIS SHEET. FOR INFORMATION ONLY.

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



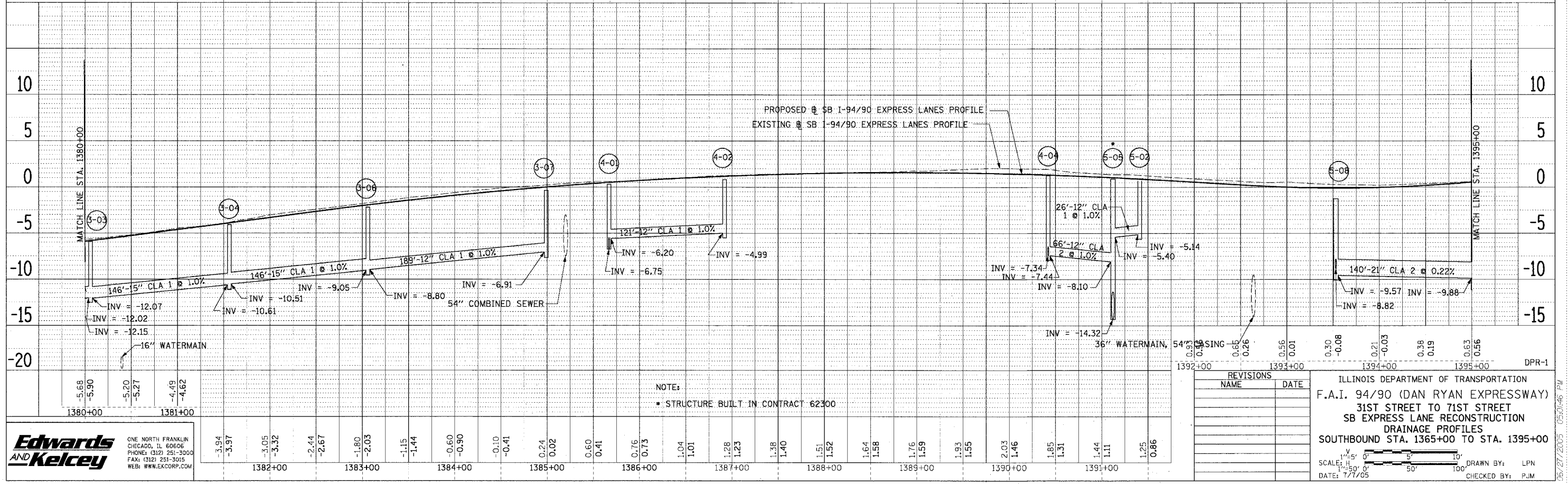
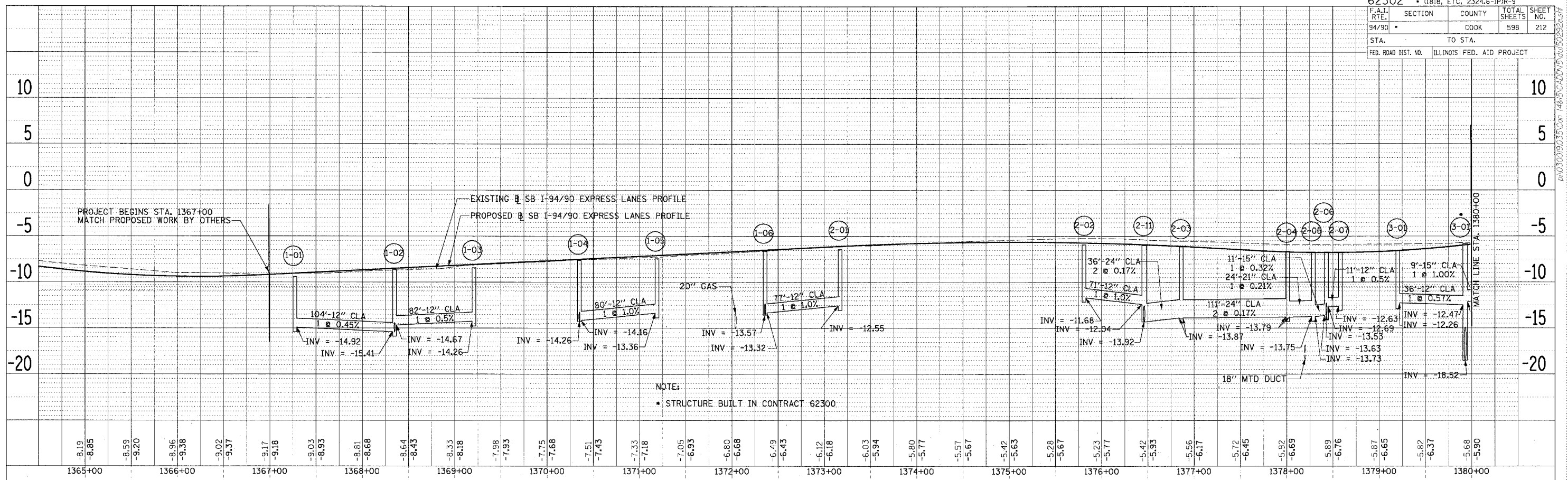
PROPOSED CONDITIONS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
DRAINAGE AND UTILITIES PLAN  
SOUTHBOUND STA. 1644+00 TO STA. 1536+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: OC  
CHECKED BY: DDM

DU-48  
12/28/23 PM  
06/29/2005

62302 • (1818, ETC, 2324.6-1)PR-9	
F.A.I. SECTION	COUNTY TOTAL SHEETS SHEET NO.
94/90 • COOK	598 212
STA. TO STA.	ILLINOIS FED. AID PROJECT
FED. ROAD DIST. NO.	



PLAN SURVEYED BY DATE  
 ALIGNED CHECKED BY DATE  
 NOTE BOOK NO. FILE NAME

PLAN SURVEYED BY DATE  
 ALIGNED CHECKED BY DATE  
 NOTE BOOK NO. FILE NAME

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

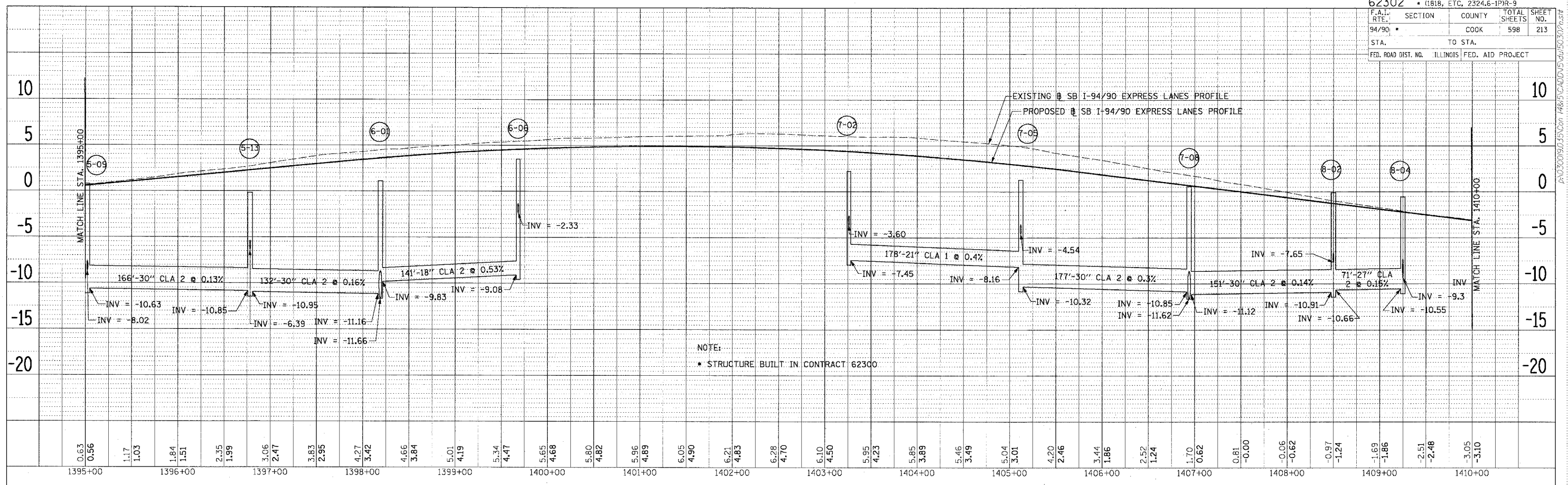
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE PROFILES  
 SOUTHBOUND STA. 1365+00 TO STA. 1395+00

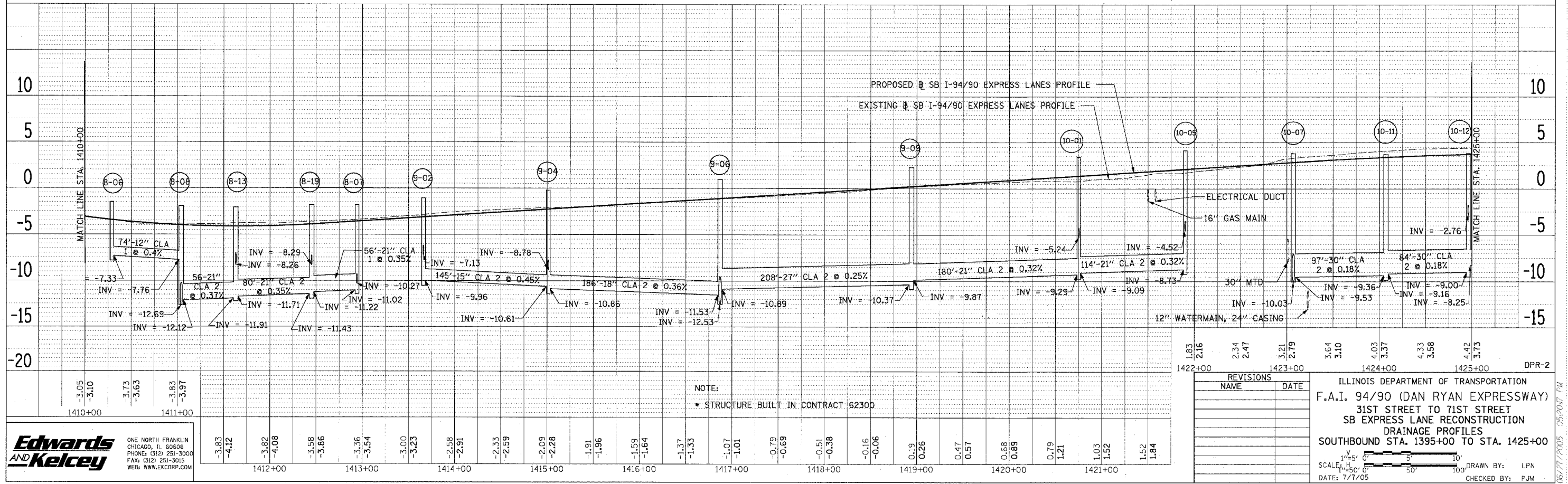
SCALE: H 1"=50' V 1"=5' DATE: 7/7/05 DRAWN BY: LPN CHECKED BY: PJM

P:\03000\9035\00r\4685\CAD\95\005029263.dwg 05/27/2005 05:01:46 PM

PLAN  
 DATE  
 BY  
 CHECKED  
 ALIGNED  
 CHECKED  
 PLAN  
 NO.



PLAN  
 DATE  
 BY  
 CHECKED  
 ALIGNED  
 CHECKED  
 PLAN  
 NO.



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

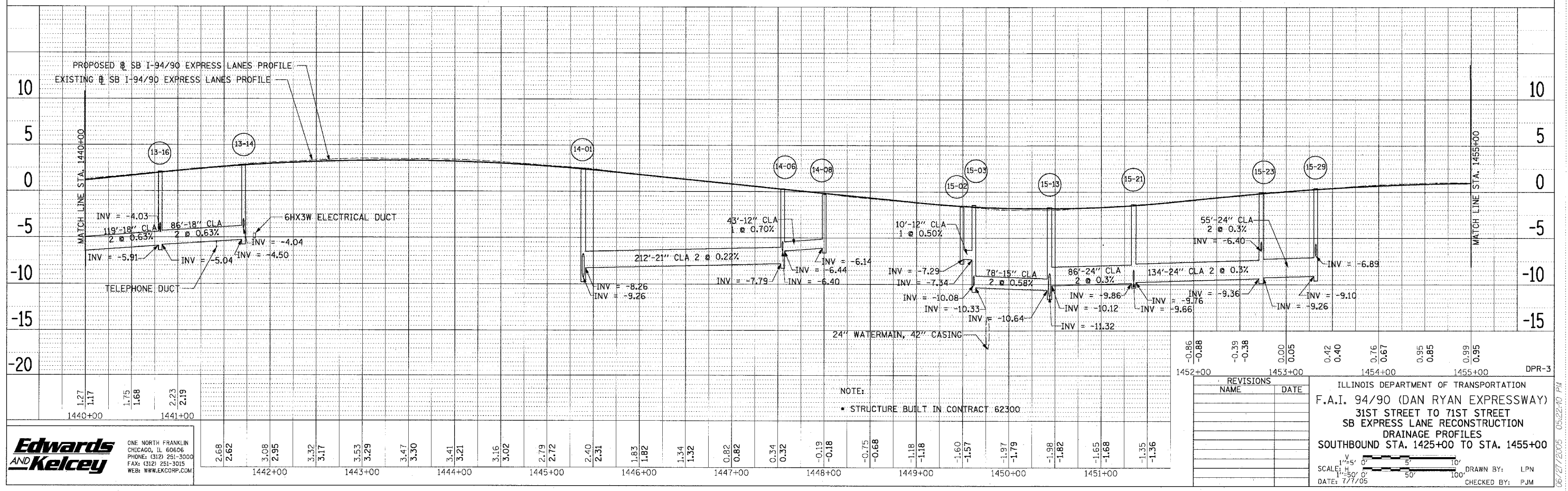
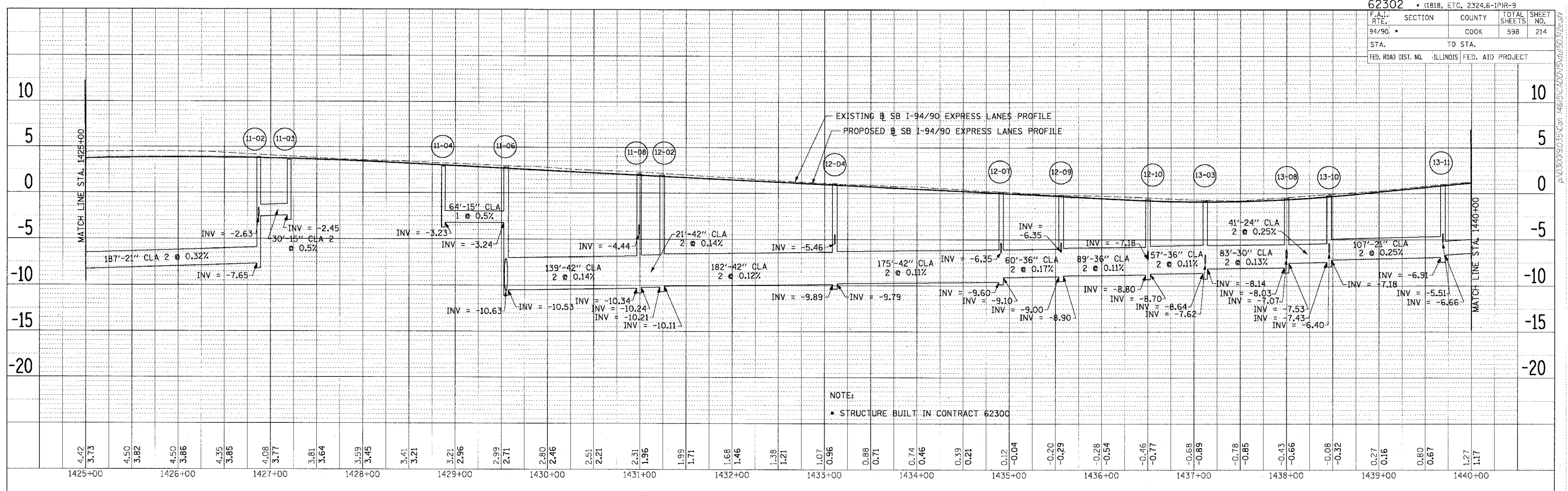
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE PROFILES  
 SOUTHBOUND STA. 1395+00 TO STA. 1425+00

REVISIONS  
 NAME DATE

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

DRAWN BY: LPN  
 CHECKED BY: PJM

62302 • (1818, ETC, 2324.6-1)PR-9				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	•	COOK	598	214
STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PLAN  
 SURVEYED BY: DATE:  
 ALIGNED CHECKED BY: DATE:  
 NOTE BOOK NO. OF THIS SHEET: 598  
 FILE NAME: 14815030015035

PLAN  
 SURVEYED BY: DATE:  
 ALIGNED CHECKED BY: DATE:  
 NOTE BOOK NO. OF THIS SHEET: 598  
 FILE NAME: 14815030015035

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

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE PROFILES  
 SOUTHBOUND STA. 1425+00 TO STA. 1455+00

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

DRAWN BY: LPN  
 CHECKED BY: PJM

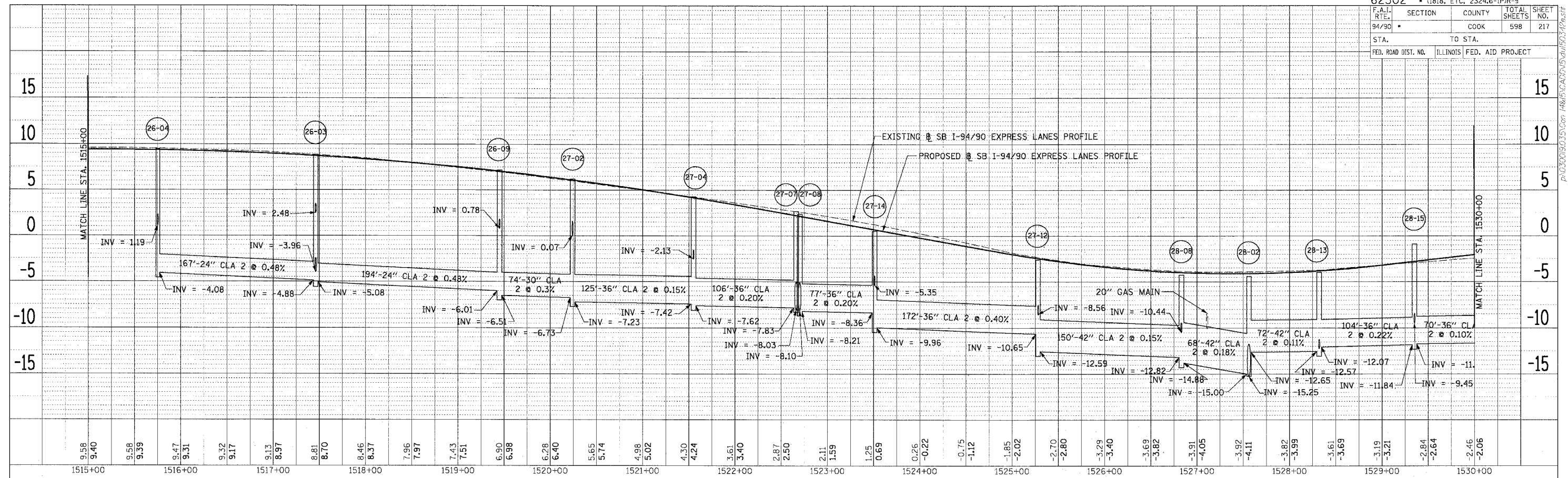
P:\030015035\Con\14815030015035.dwg











PLAN REVISIONS  
 NO. 1: NOOK  
 DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_

PLAN REVISIONS  
 NO. 1: NOOK  
 DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_

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

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 DRAINAGE PROFILES  
 SOUTHBOUND STA. 1515+00 TO STA. 1530+00

SCALE: H  
 1"=25' 0"  
 1"=50' 0"  
 DATE: 7/7/05

DRAWN BY: LPN  
 CHECKED BY: PJM

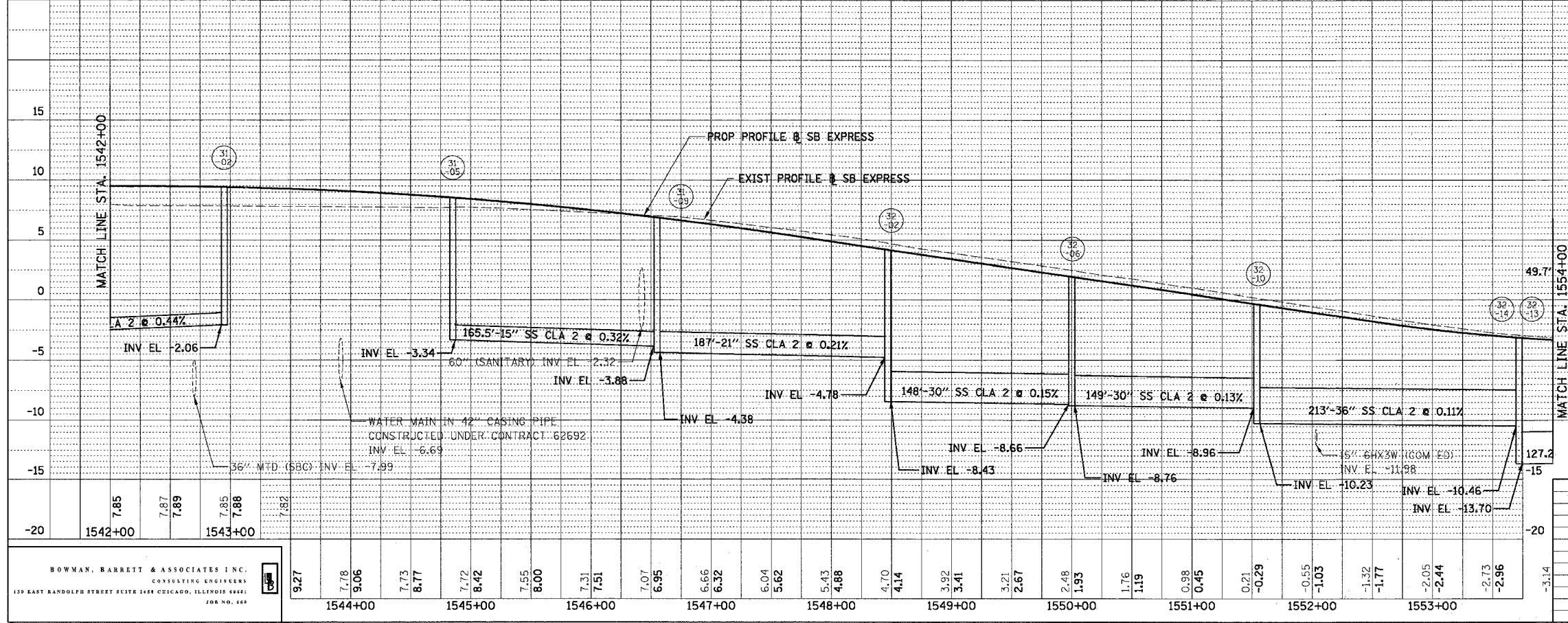
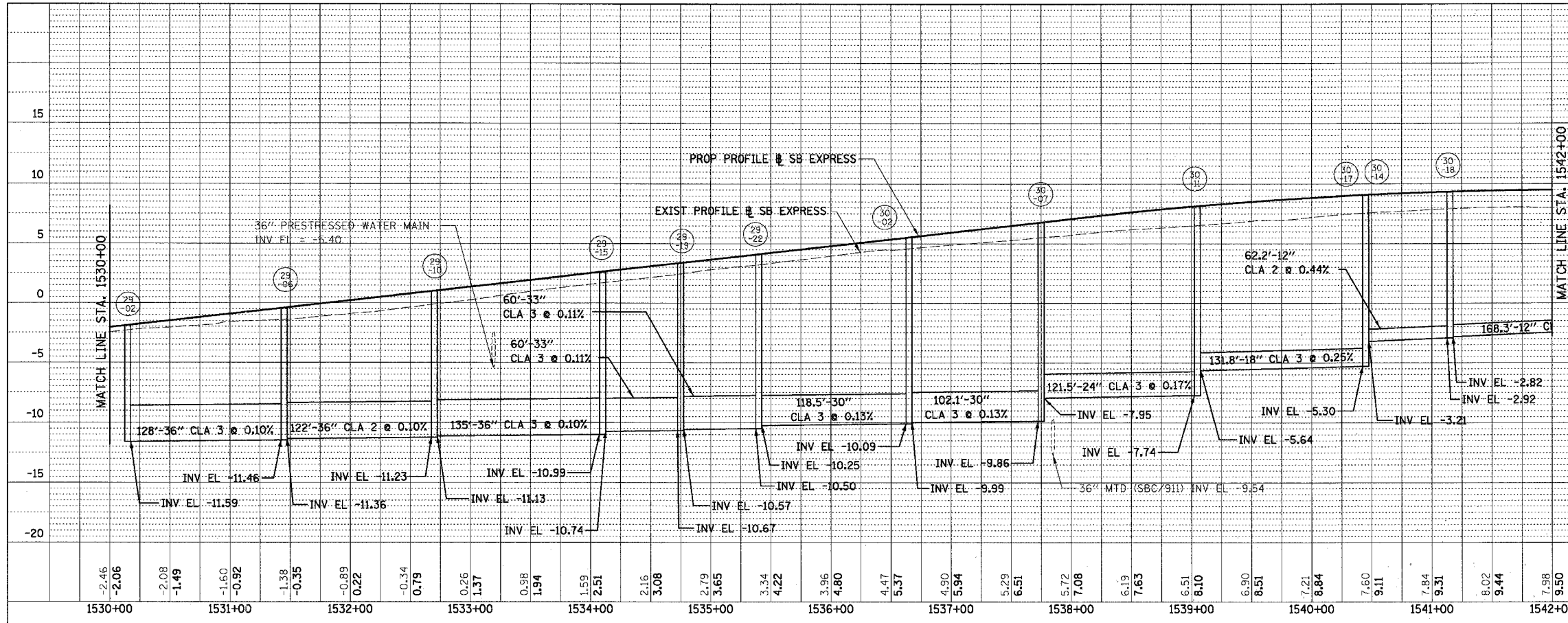
DPR-6

06/24/2005 02:52:20 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	218
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN	DATE
BY	
REVISIONS	
NO.	
DESCRIPTION	

PLAN	DATE
BY	
REVISIONS	
NO.	
DESCRIPTION	



REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PROPOSED DRAINAGE PROFILE  
 SOUTHBOUND STA. 1530+00 TO STA. 1554+00

SCALE: 1"=5' VERT  
 1"=50' HORIZ  
 DATE: 07/07/05

DRAWN BY: OC  
 CHECKED BY: DDM

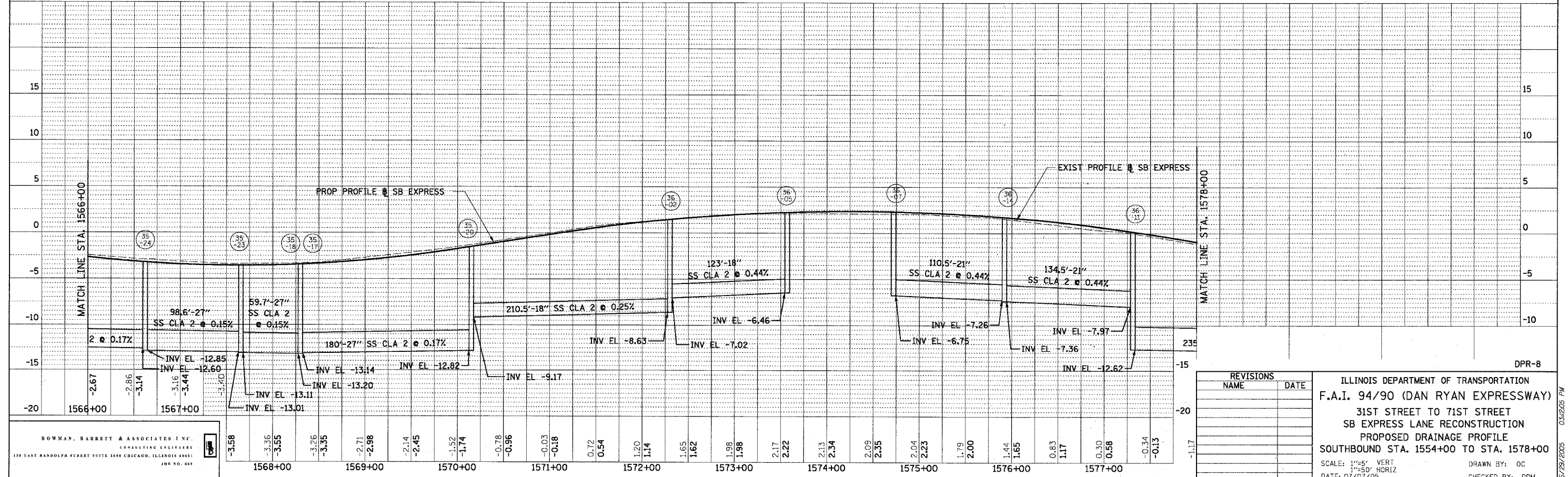
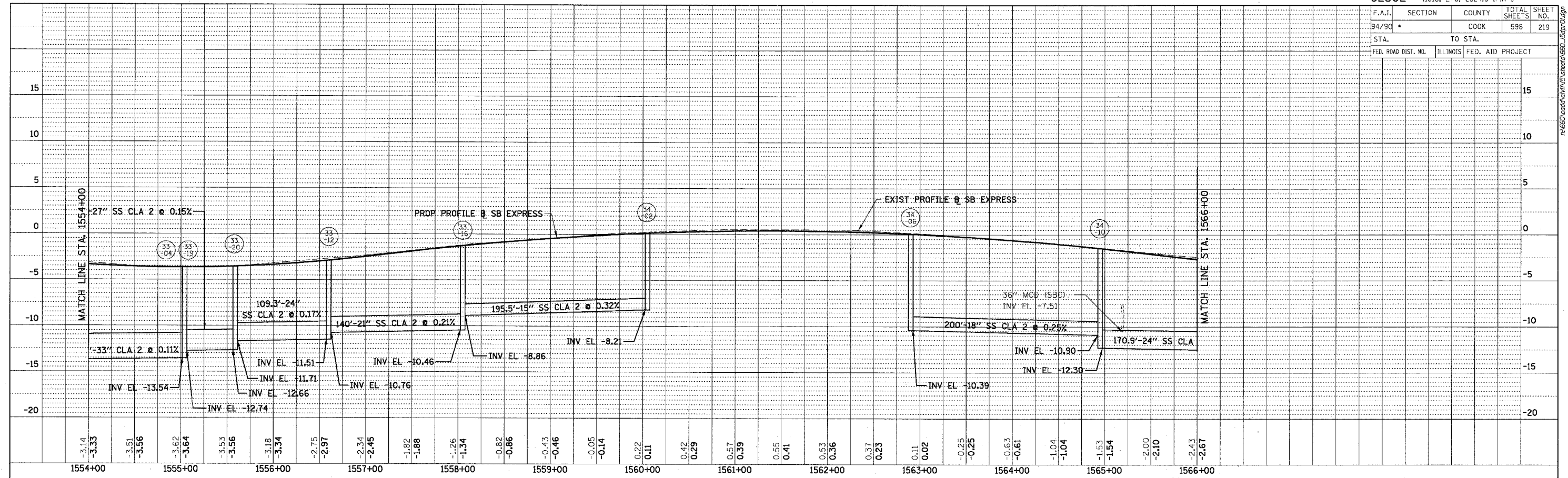
BOWMAN, BARRETT & ASSOCIATES INC.  
 CONSULTING ENGINEERS  
 133 EAST RANDOLPH STREET SUITE 1158 CHICAGO, ILLINOIS 60601  
 TEL: 312.467.1000 FAX: 312.467.1001  
 WWW.BBA-ENR.COM

03/29/2005 03:29:03 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	219
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN	REVISION	BY	DATE
NO.	NO.		
NOTE BOOK	ALIGNED	CHECKED	
	CADD FILE NAME		

PLAN	REVISION	BY	DATE
NO.	NO.		
NOTE BOOK	ALIGNED	CHECKED	
	CADD FILE NAME		



BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
138 EAST RANDOLPH STREET SUITE 2656 CHICAGO, ILLINOIS 60601  
JOB NO. 461

REVISIONS	
NAME	DATE

DPR-8

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
PROPOSED DRAINAGE PROFILE  
SOUTHBOUND STA. 1554+00 TO STA. 1578+00

SCALE: 1"=5' VERT  
1"=50' HORIZ  
DATE: 07/07/05

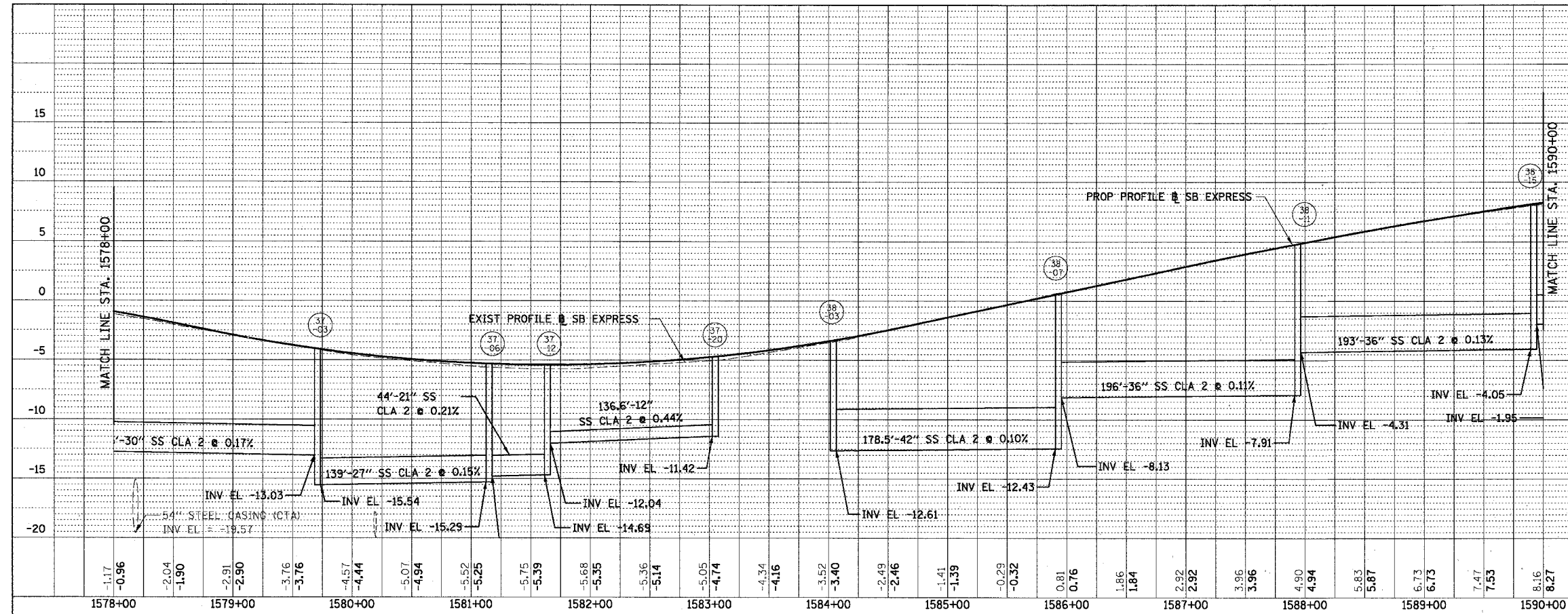
DRAWN BY: OC  
CHECKED BY: DDM

06/29/2005 03:25:05 PM

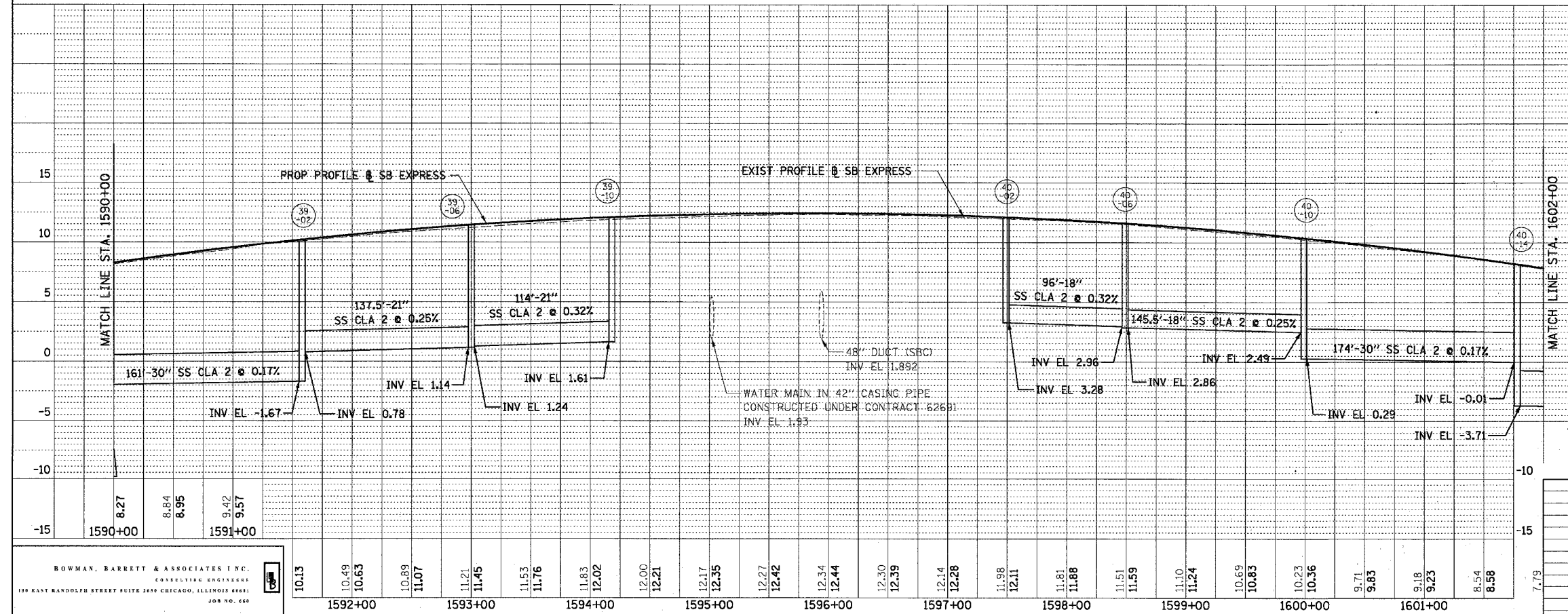


F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	220
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN	REVISIONS	DATE
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	



PLAN	REVISIONS	DATE
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	



BOWMAN, BARRETT & ASSOCIATES INC.  
 CONSULTING ENGINEERS  
 139 EAST RANDOLPH STREET SUITE 2650 CHICAGO, ILLINOIS 60601  
 JOB NO. 449

REVISIONS	DATE
NAME	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PROPOSED DRAINAGE PROFILE  
 SOUTHBOUND STA. 1578+00 TO STA. 1602+00  
 SCALE: 1"=25' VERT  
 1"=50' HORIZ  
 DATE: 07/07/05  
 DRAWN BY: OC  
 CHECKED BY: DDM

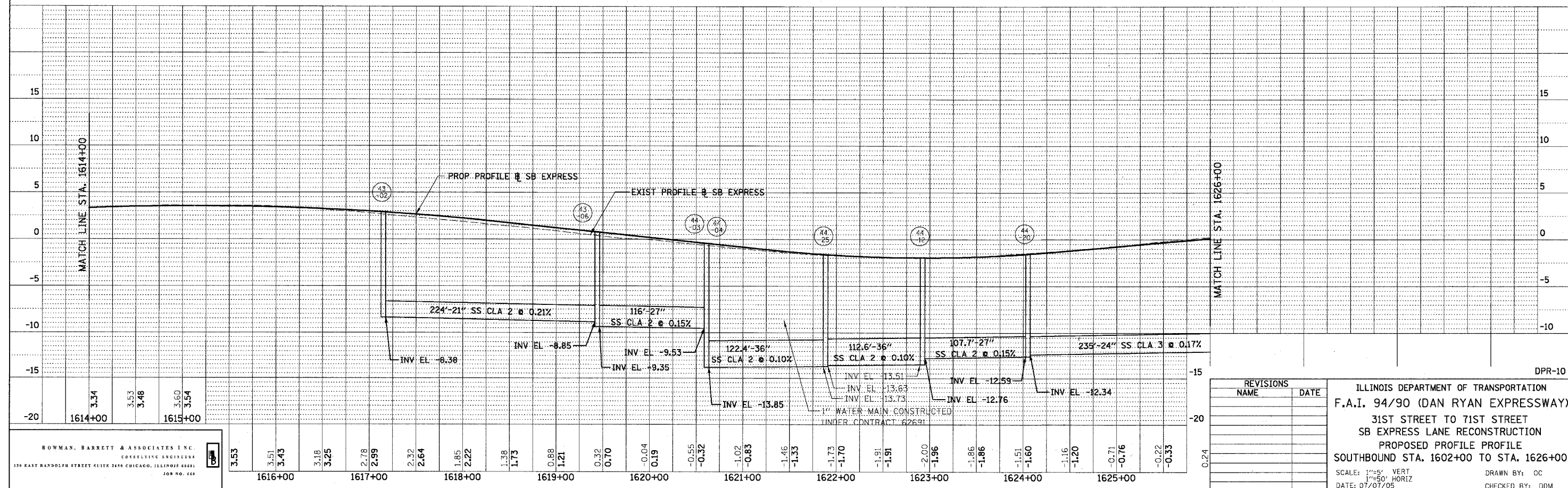
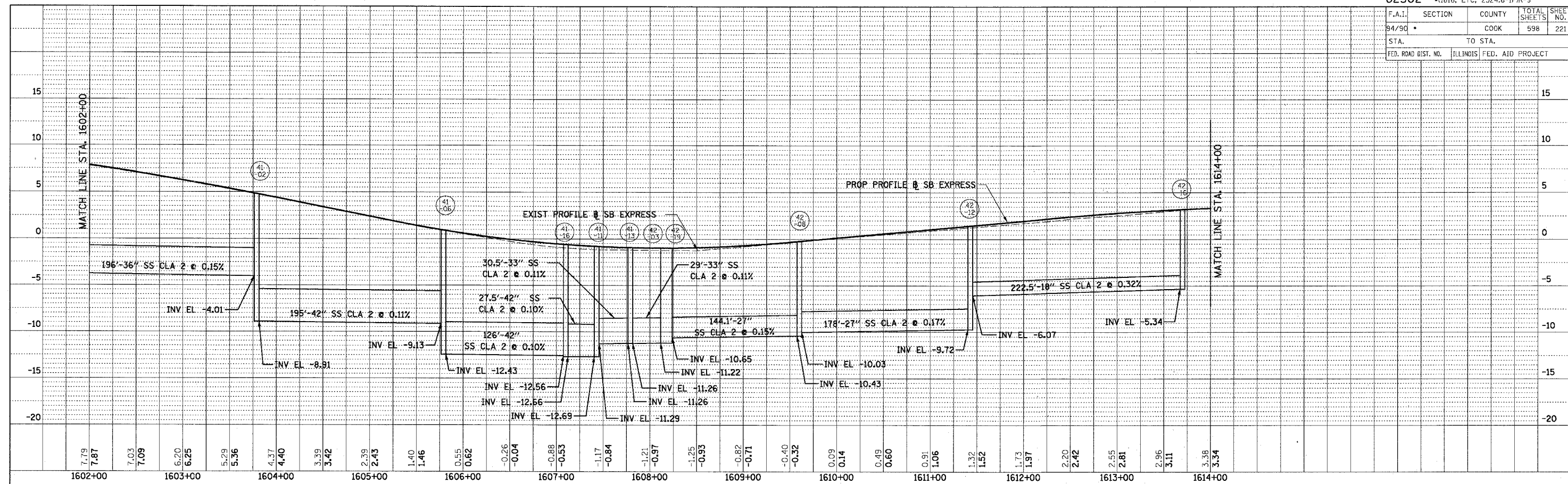
DPR-9

06/28/2005 03:52:05 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	221
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PLAN	REVISIONS	DATE
NO.	NO.	
BY	BY	BY
DATE	DATE	DATE
DESIGNED	DESIGNED	DESIGNED
PLOTTED	PLOTTED	PLOTTED
ALIGNED	ALIGNED	ALIGNED
CHECKED	CHECKED	CHECKED
FILED	FILED	FILED
NO.	NO.	NO.

PLAN	REVISIONS	DATE
NO.	NO.	
BY	BY	BY
DATE	DATE	DATE
DESIGNED	DESIGNED	DESIGNED
PLOTTED	PLOTTED	PLOTTED
ALIGNED	ALIGNED	ALIGNED
CHECKED	CHECKED	CHECKED
FILED	FILED	FILED
NO.	NO.	NO.



HOWMAN, BARRETT & ASSOCIATES INC.  
 CONSULTING ENGINEERS  
 130 EAST RANDOLPH STREET SUITE 3450 CHICAGO, ILLINOIS 60601  
 312.467.2000

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PROPOSED PROFILE  
 SOUTHBOUND STA. 1602+00 TO STA. 1626+00

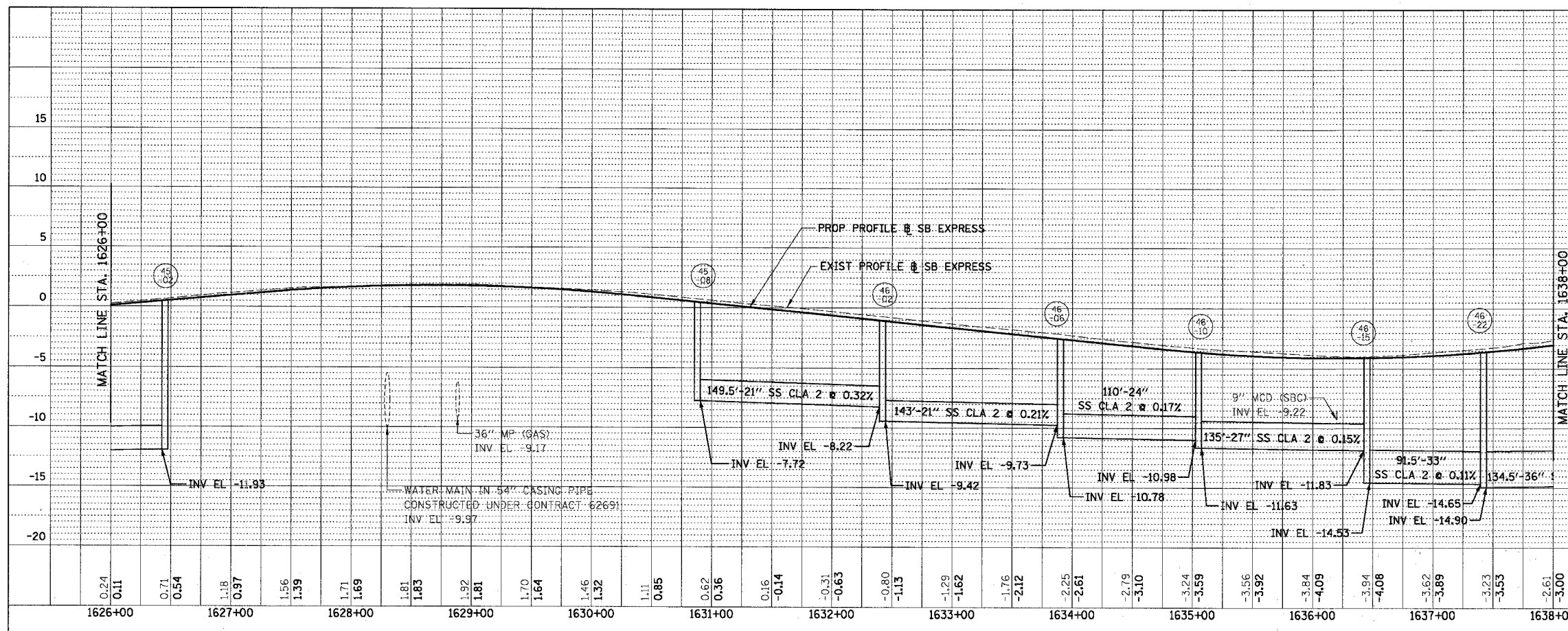
SCALE: 1"=25' VERT  
 1"=50' HORIZ  
 DATE: 07/07/05

DRAWN BY: OC  
 CHECKED BY: DDM

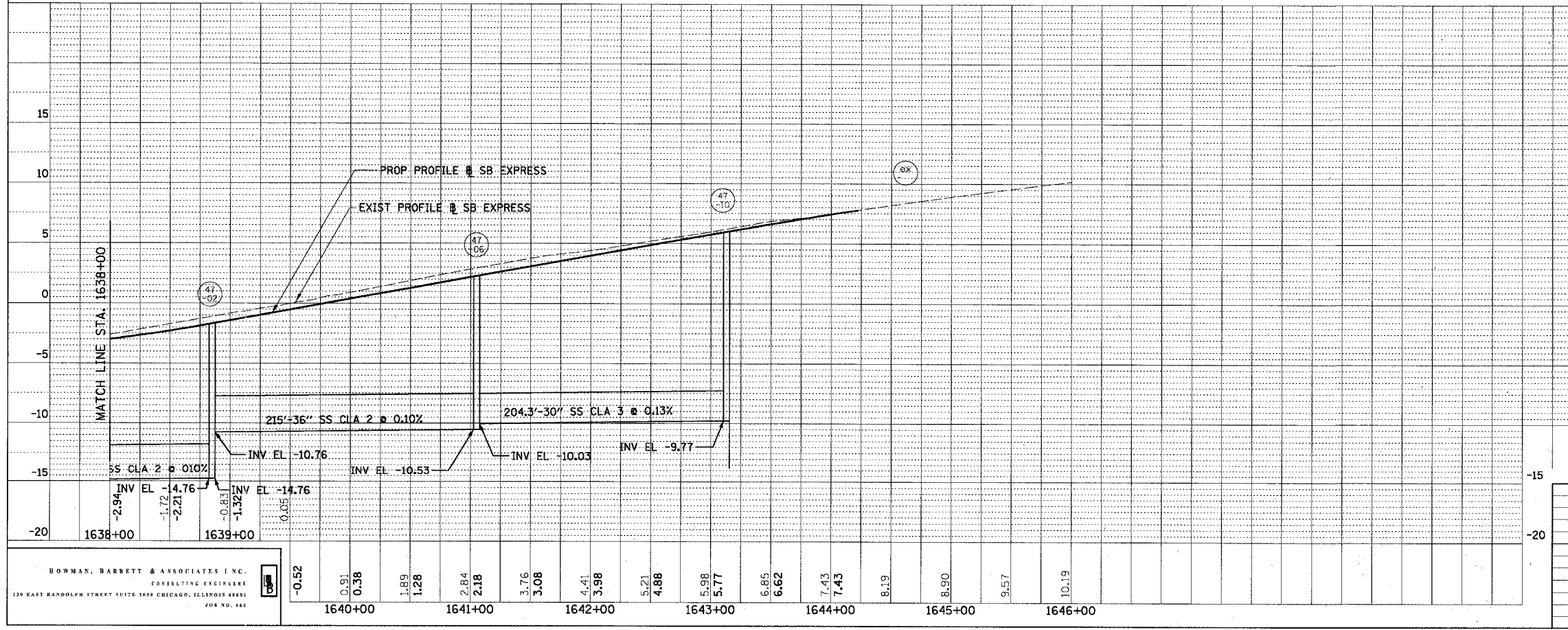
03/28/2005 03:26:08 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	222
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN	DATE
SURVEYED	
ALIGNED	
CHECKED	
BY	
DATE	



PLAN	DATE
SURVEYED	
ALIGNED	
CHECKED	
BY	
DATE	



REVISIONS	
NAME	DATE

DPR-11

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PROPOSED DRAINAGE PROFILE  
 SOUTHBOUND STA. 1626+00 TO STA.

SCALE: 1"=5' VERT  
 1"=50' HORIZ  
 DATE: 07/07/05

DRAWN BY: OC  
 CHECKED BY: DDM

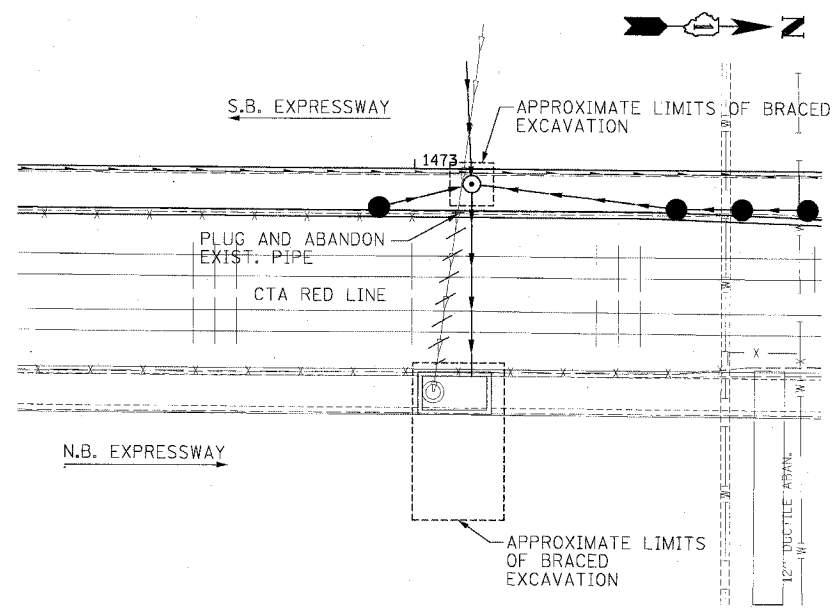
BOWMAN, BARRETT & ASSOCIATES, INC.  
 CONSULTING ENGINEERS  
 120 EAST RANDOLPH STREET SUITE 1600 CHICAGO, ILLINOIS 60601  
 JOB NO. 482

03/22/09 PM

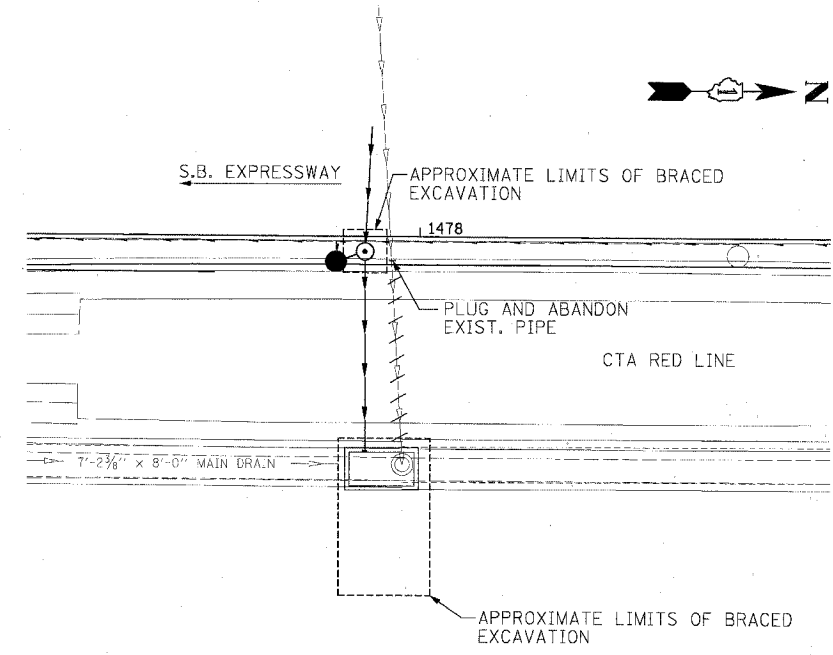




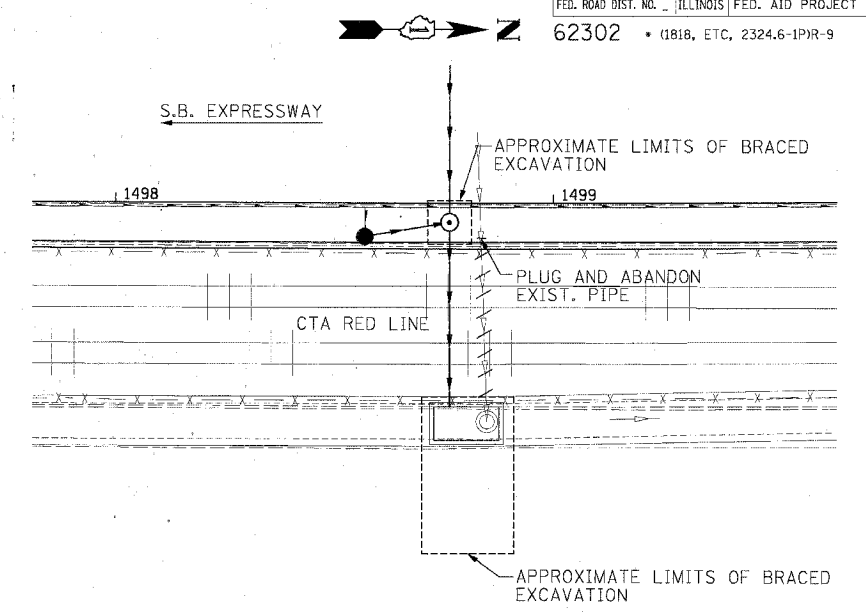
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	224
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	1818, ETC, 2324.6-IPR-9			



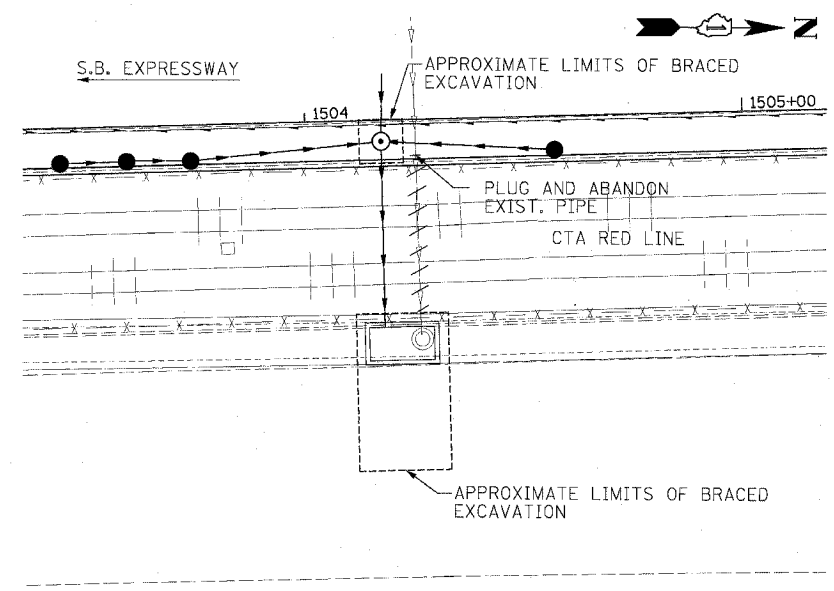
JUNCTION CHAMBER TYPE 2  
NO. 19-01



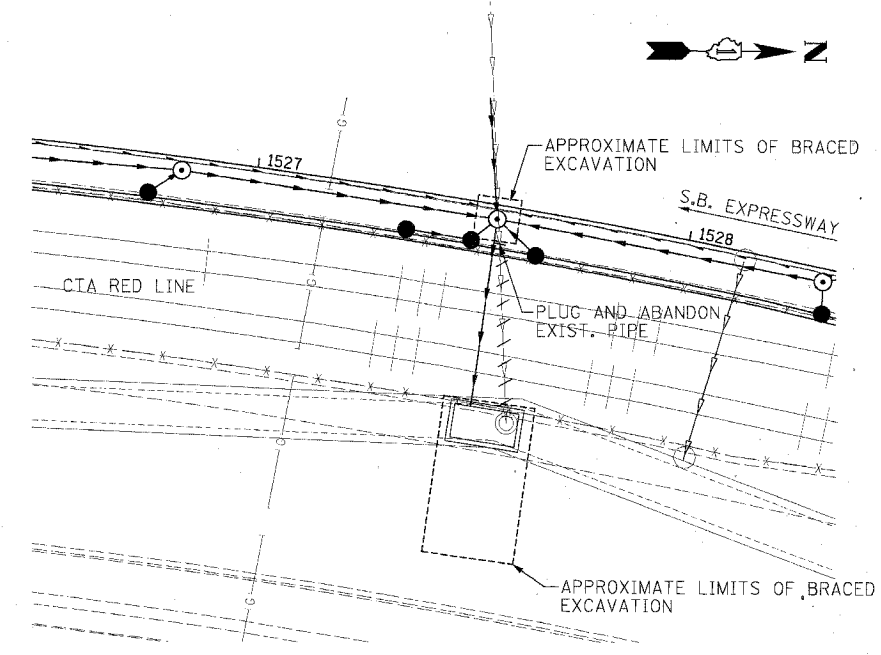
JUNCTION CHAMBER TYPE 2  
NO. 20-01



JUNCTION CHAMBER TYPE 2  
NO. 23-01



JUNCTION CHAMBER TYPE 2  
NO. 24-01



JUNCTION CHAMBER TYPE 2  
NO. 28-01

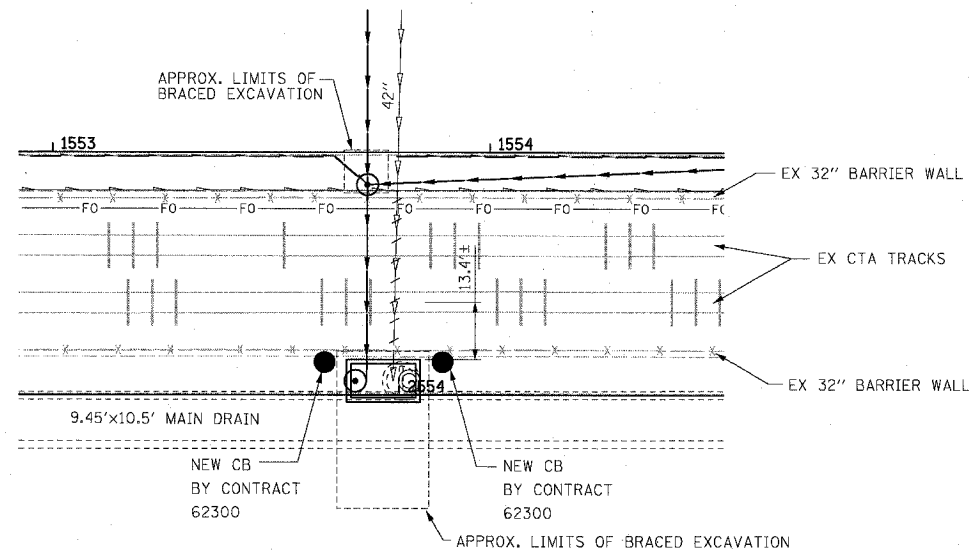
**Edwards  
AND  
Kelcey**  
ONE NORTH FRANKLIN  
CHICAGO, IL 60606  
PHONE: (312) 251-3000  
FAX: (312) 251-3015  
WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE

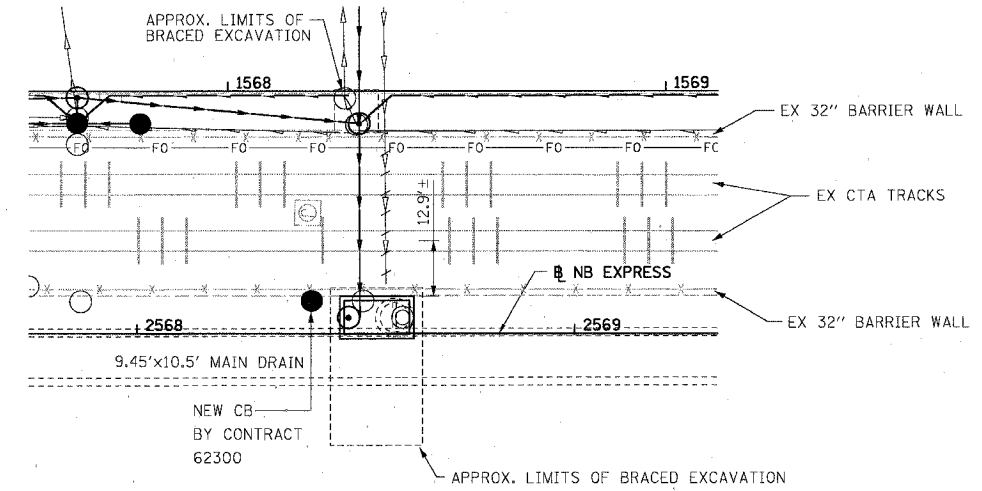
DPP-01  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
STORM SEWER JACKING AND  
JUNCTION CHAMBER PLANS  
SCALE: 0' 10' 20' 30' 40'  
DATE: 7/7/05  
DRAWN BY: LPN  
CHECKED BY: PJM

P:\030010\9490\CON\14815\CAD\DWG\150352-21.DWG 06/28/2005 11:03:30 AM

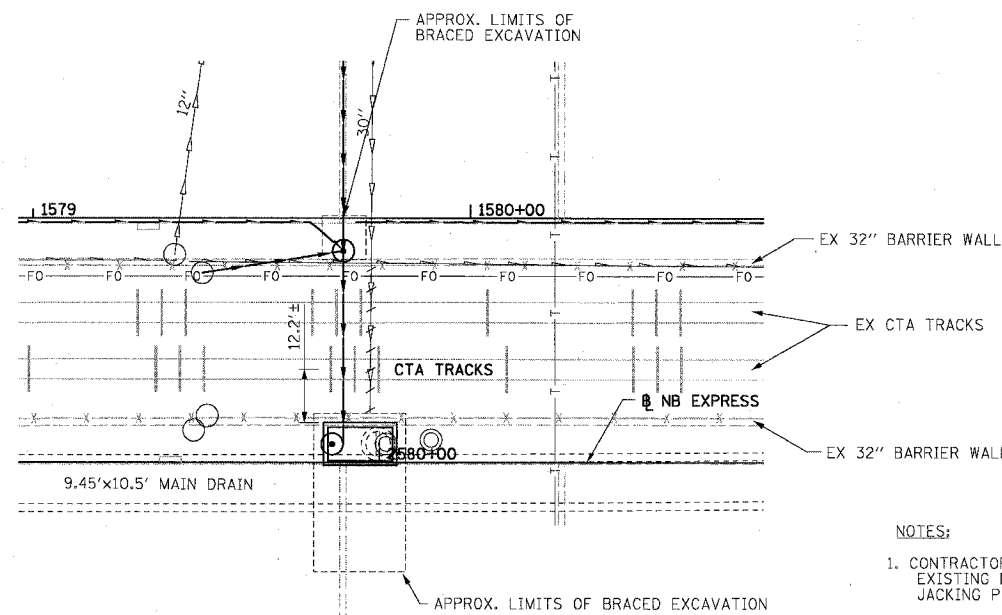
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	225
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-1PR-9		



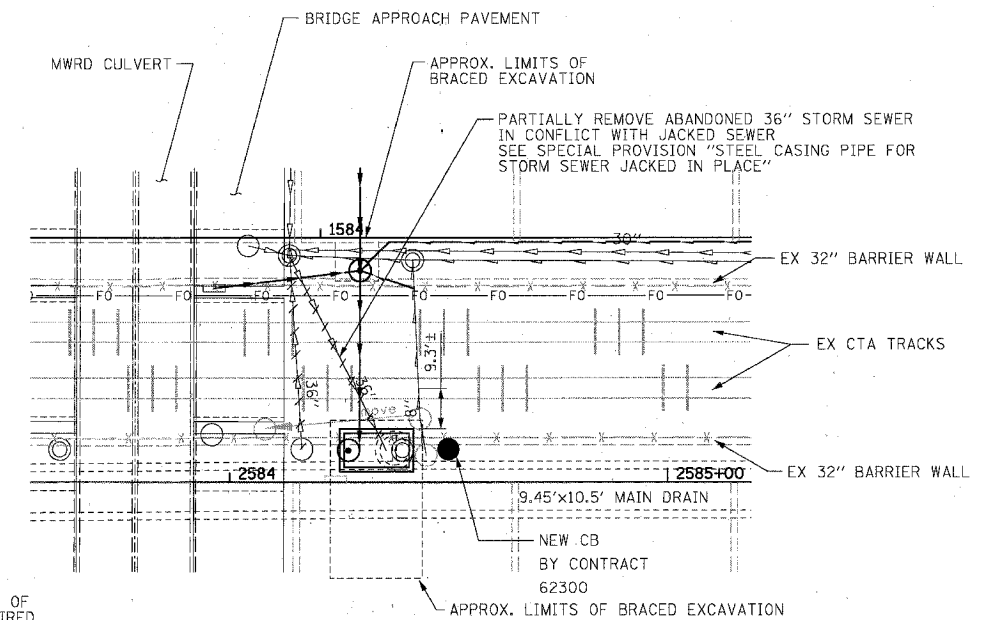
JUNCTION CHAMBER TYPE 2  
NO. 32-01



JUNCTION CHAMBER TYPE 2  
NO. 35-01



JUNCTION CHAMBER TYPE 2  
NO. 37-01



JUNCTION CHAMBER TYPE 2  
NO. 38-01

NOTES:

1. CONTRACTOR MUST FIELD VERIFY LOCATION OF EXISTING DROP MANHOLES AND ADJUST LOCATIONS OF JACKING PIT AND STORM SEWER JACKING AS REQUIRED.
2. SEE SHEET 223 FOR DETAILS OF BRACED EXCAVATION
3. SEE SHEETS 453 THROUGH 474 FOR DETAILS OF JUNCTION CHAMBER TYPE 2
4. SEE DRAINAGE PLANS FOR DETAILS OF OTHER DRAINAGE STRUCTURES
5. SEE SPECIAL PROVISIONS FOR REQUIREMENTS FOR WORK IN AND AROUND THE CTA OPERATING AREA.
6. DIMENSIONS PROVIDED BETWEEN JUNCTION CHAMBER AND CENTERLINE OF NEAR CTA TRACK BASED ON LIMITED AVAILABLE INFORMATION. CONTRACTOR MUST FIELD VERIFY LOCATIONS AND ADJUST JACKING PIT AS NECESSARY.

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

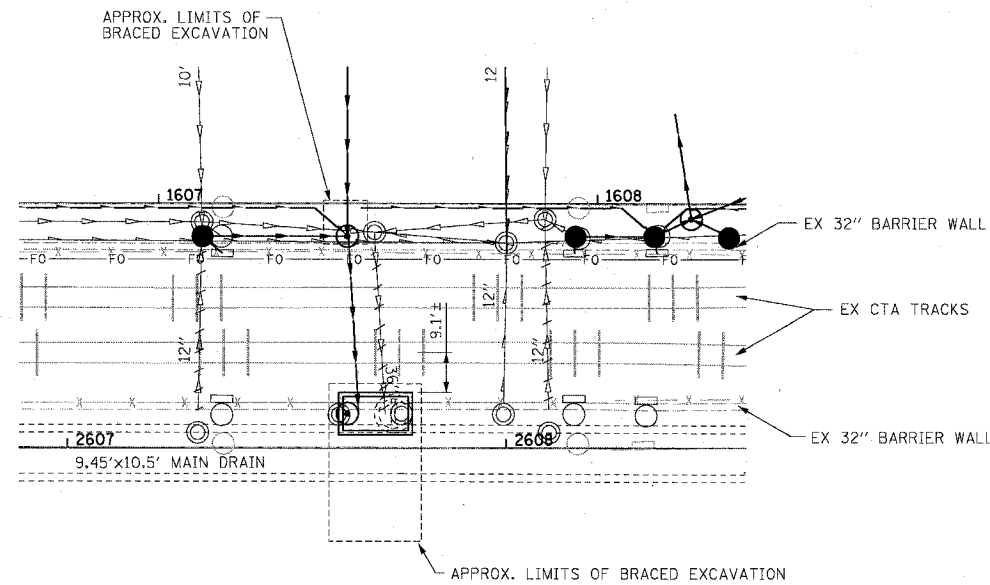


REVISIONS	
NAME	DATE

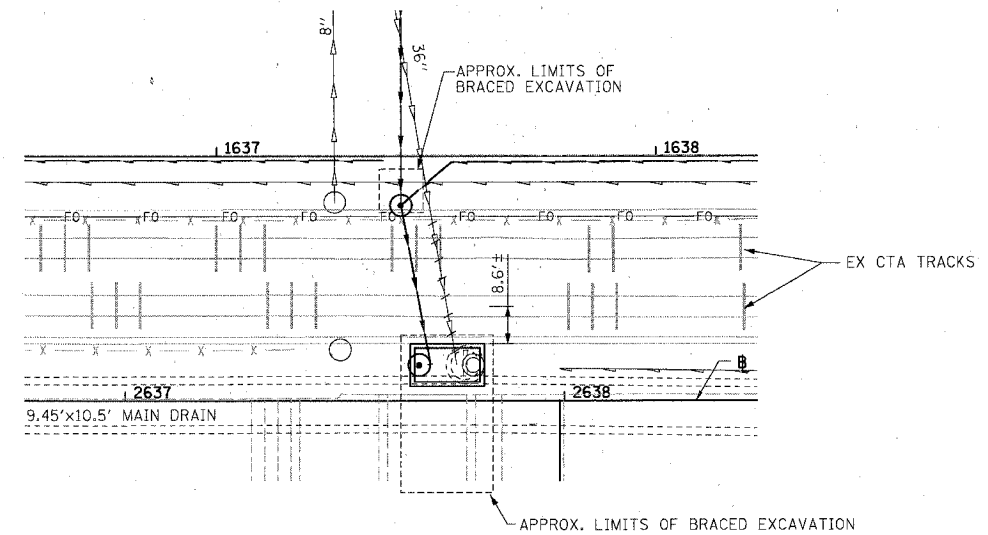
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
STORM SEWER JACKING AND  
JUNCTION CHAMBER DETAIL PLANS  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: RGR  
CHECKED BY: DDM

DDP02  
04-33-43 PM  
06/29/2005

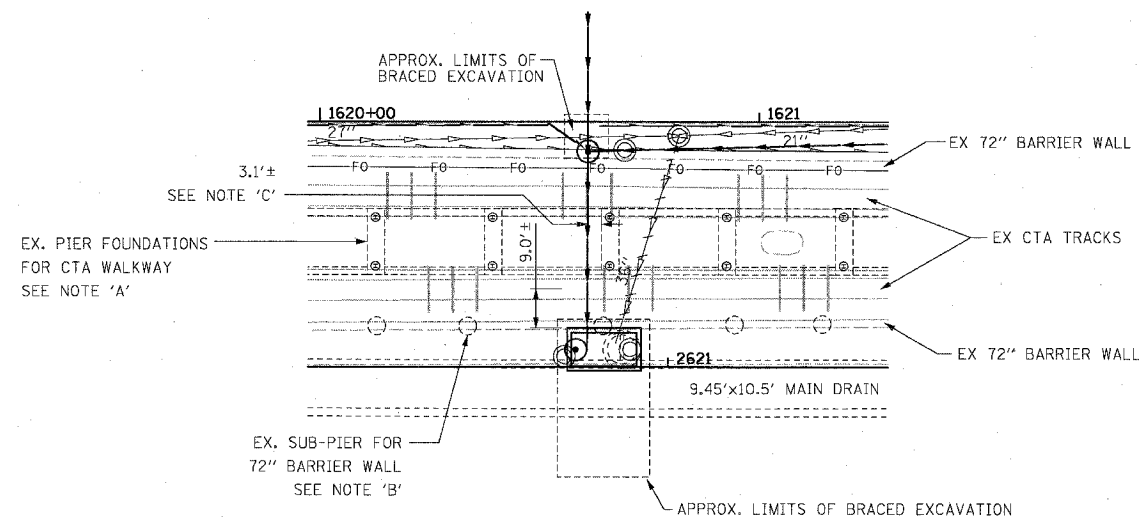
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	226
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		(1818, ETC, 2324.6-1PIR-9		



JUNCTION CHAMBER TYPE 2  
NO. 41-01



JUNCTION CHAMBER TYPE 2  
NO. 46-01



JUNCTION CHAMBER TYPE 2  
NO. 44-01

- NOTES:
- SEE SHEET 227 TO 232 FOR DETAILS OF EXISTING CTA WALKWAY.
  - SEE SHEETS 425 THROUGH 434 FOR DETAILS OF EXISTING 72" BARRIER WALL. ALL SUB-PIER REMOVAL NECESSARY FOR CONSTRUCTION OF JACKING AND RECEIVING PITS MUST BE INCLUDED IN THE COST OF BRACED EXCAVATION.
  - PIER LOCATIONS FOR EX. CTA WALKWAY BASED ON RECORD DRAWINGS. CONTRACTOR MUST FIELD VERIFY PIER LOCATIONS AND ADJUST JACKING PIT AND STORM SEWER JACKING AS NECESSARY.

- NOTES:
- CONTRACTOR MUST FIELD VERIFY LOCATION OF EXISTING DROP MANHOLES AND ADJUST LOCATIONS OF JACKING PIT AND STORM SEWER JACKING AS REQUIRED.
  - SEE SHEET 223 FOR DETAILS OF BRACED EXCAVATION
  - SEE SHEETS 453 THROUGH 474 FOR DETAILS OF JUNCTION CHAMBER TYPE 2
  - SEE DRAINAGE PLANS FOR DETAILS OF OTHER DRAINAGE STRUCTURES
  - SEE SPECIAL PROVISIONS FOR REQUIREMENTS FOR WORK IN AND AROUND THE CTA OPERATING AREA.
  - DIMENSIONS PROVIDED BETWEEN JUNCTION CHAMBER AND CENTERLINE OF NEAR CTA TRACK BASED ON LIMITED AVAILABLE INFORMATION. CONTRACTOR MUST FIELD VERIFY LOCATIONS AND ADJUST JACKING PIT AS NECESSARY.

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



REVISIONS	
NAME	DATE

DDP03

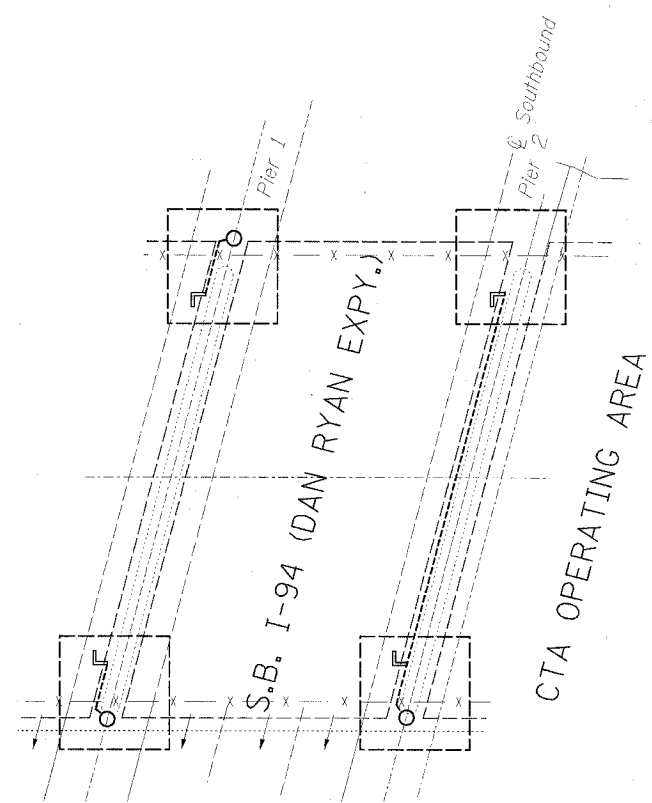
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
STORM SEWER JACKING AND  
JUNCTION CHAMBER DETAIL PLANS

SCALE: 1"=20'  
DATE: 07/07/05

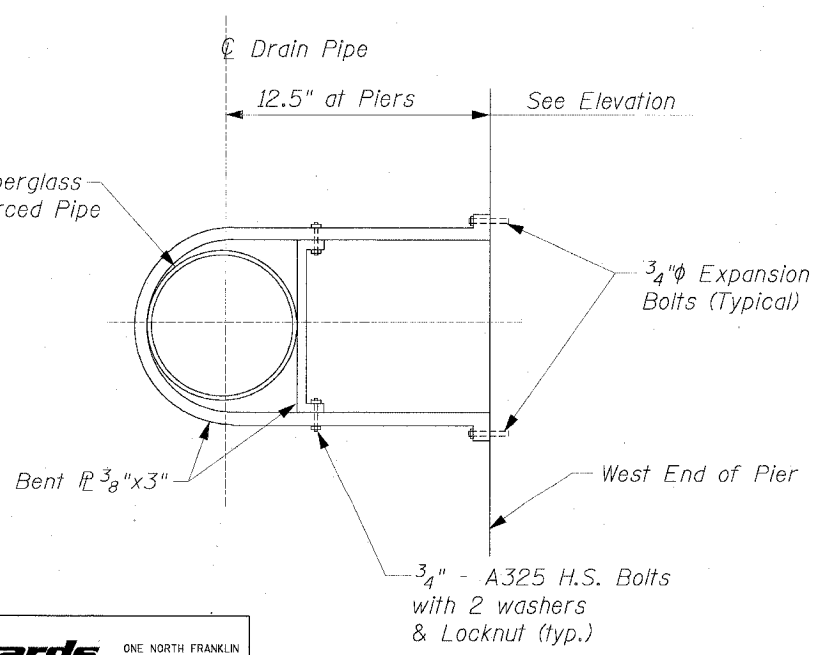
DRAWN BY: RGR  
CHECKED BY: DDM

06/29/2005 04:40:22 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	226A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	• (1818, ETC, 2324,6-1)PR-9			



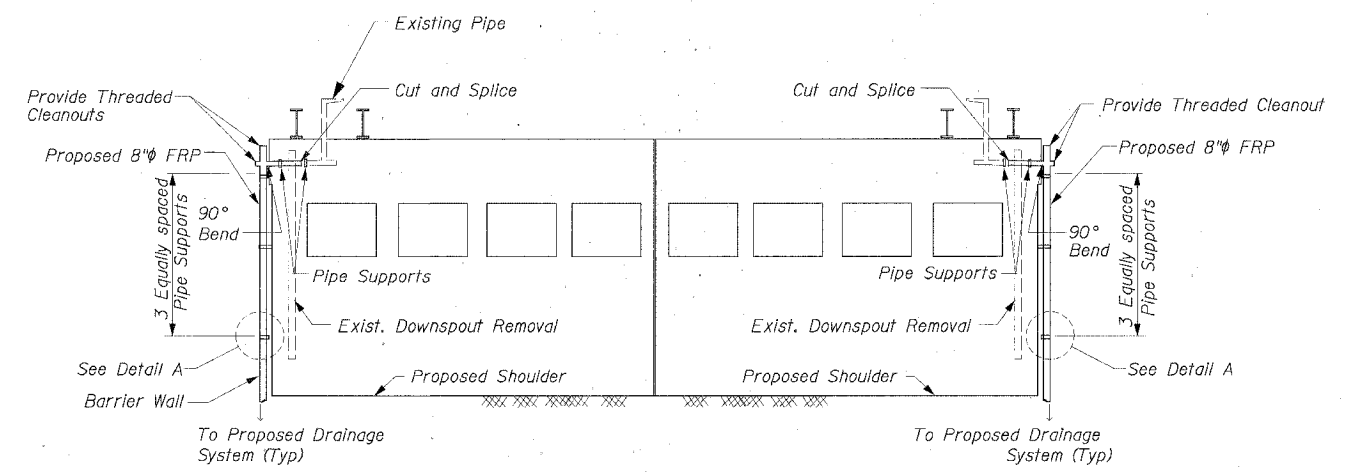
PLAN



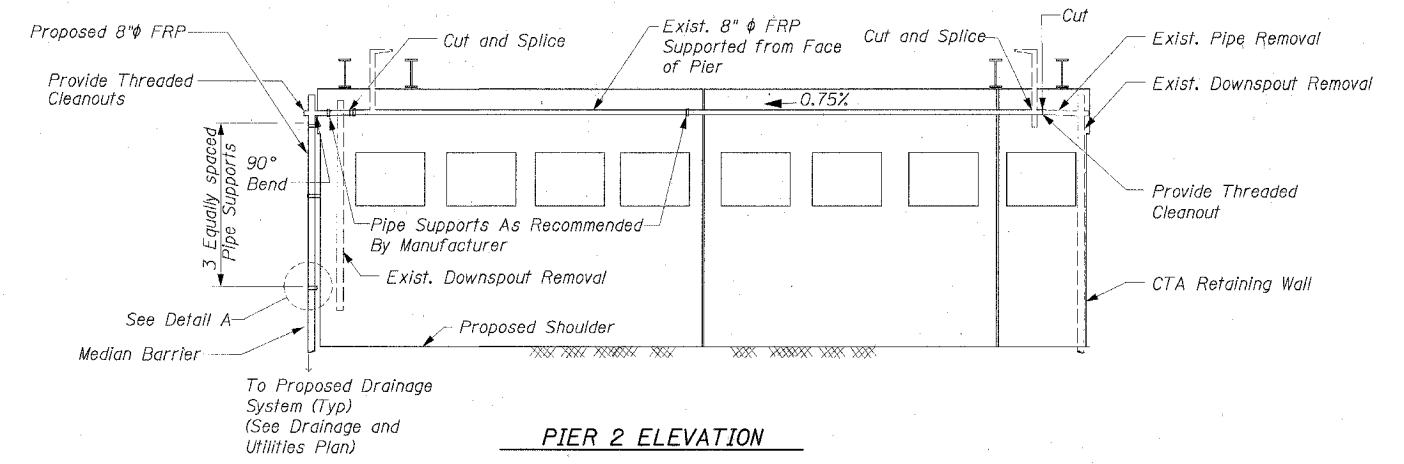
DETAIL A

**NOTES:**

1. This work paid for as 'Drainage System' Lump Sum.
2. All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 30.
3. Cost for Connection of Drainage Downspouts @ Piers to the proposed drainage structure is included with 'Drainage System'.
4. Cost for Supporting 8"  $\phi$  FRP to be included with "Drainage System".



PIER 1 ELEVATION



PIER 2 ELEVATION

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 47TH ST. BRIDGE DOWNSPOUT RELOCATIONS

SCALE: N.T.S. DRAWN BY: LPN  
 DATE: 7/7/05 CHECKED BY: PJM

06/27/05 11:05:08 AM

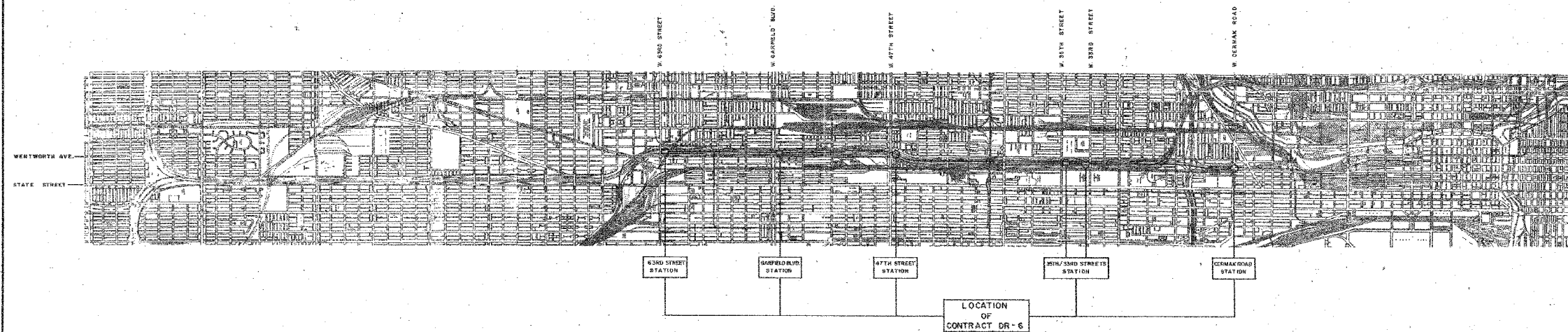
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	227
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62302		*1818, ETC, 2324.6-1P1R-9		

CITY OF CHICAGO  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING

DAN RYAN RAPID TRANSIT  
RAPID TRANSIT STATIONS

63RD STREET, GARFIELD BLVD., 47TH STREET, 35TH / 33RD STREETS AND CERMAK ROAD

PROJECT ILL-UTG-4  
CONTRACT DR-6



LOCATION MAP  
SCALE IN FEET  
0 1000 2000 3000

PREPARED FOR  
THE CITY OF CHICAGO  
BY  
SKIDMORE OWINGS & MERRILL  
ARCHITECTS-ENGINEERS

CITY OF CHICAGO DEPARTMENT OF PUBLIC WORKS	
BUREAU OF ARCHITECTURE	BUREAU OF ENGINEERING
APPROVED <i>James J. Kelly</i> COORDINATING ARCHITECT	APPROVED <i>Robert J. Baker</i> CHIEF TRANSPORTATION ENGINEER
APPROVED <i>James J. Kelly</i> CITY ARCHITECT	APPROVED <i>Robert J. Baker</i> ASSISTANT CHIEF ENGINEER CHIEF ENGINEER
APPROVED <i>Milton P. Rasmussen</i> COMMISSIONER	
CHICAGO TRANSIT AUTHORITY	
APPROVED <i>Robert J. Baker</i> OPERATING MANAGER	
DATE FEBRUARY 1968	

APPROVED AS WORKING PLAN
APPROVED <i>Robert J. Baker</i>
REVISIONS OF WORKING PLAN

APPROVED AS TO SEWER ALTERATIONS AND ADDITIONS  
*Edward A. Kelly*  
CHIEF ENGINEER OF SEWERS  
*Edward A. Kelly*  
DEPUTY COMMISSIONER FOR SEWERS

SHEET NO. 1 OF 134 SHEETS

SHEET CTAF-1 OF CTAF-6

FOR INFORMATION ONLY

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
EXISTING CTA FOUNDATION  
PLANS AT 33RD STREET

SCALE: NTS  
DATE: 07/07/05

DRAWN BY: BDC  
CHECKED BY: BLU

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



6/29/2005 8:36:03 AM



### INDEX OF DRAWINGS

#### GENERAL

PAGE NO.	SHEET NO.	TITLE
1		LOCATION MAP
2		INDEX OF DRAWING
3	6-1	GENERAL PLAN
4	6-2	SURVEY
5	6-3	63RD STREET STATION
6	6-4	63RD STREET STATION
7	6-5	GARFIELD BLVD. STATION
8	6-5	GARFIELD BLVD. STATION
9	6-6	47TH STREET STATION
10	6-7	47TH STREET STATION
11	6-8	47TH STREET STATION
12	6-9	35TH / 33RD STREETS STATION
13	6-10	35TH / 33RD STREETS STATION
14	6-11	35TH / 33RD STREETS STATION
15	6-12	35TH / 33RD STREETS STATION
16	6-13	35TH / 33RD STREETS STATION
17	6-14	35TH / 33RD STREETS STATION
18	6-15	35TH / 33RD STREETS STATION
19	6-16	35TH / 33RD STREETS STATION
20	6-17	35TH / 33RD STREETS STATION
21	6-18	35TH / 33RD STREETS STATION
22	6-19	35TH / 33RD STREETS STATION
23	6-20	35TH / 33RD STREETS STATION
24	6-21	35TH / 33RD STREETS STATION
25	6-22	35TH / 33RD STREETS STATION
26	6-23	35TH / 33RD STREETS STATION
27	6-24	35TH / 33RD STREETS STATION
28	6-25	35TH / 33RD STREETS STATION
29	6-26	35TH / 33RD STREETS STATION
30	6-27	35TH / 33RD STREETS STATION
31	6-28	35TH / 33RD STREETS STATION
32	6-29	35TH / 33RD STREETS STATION
33	6-30	35TH / 33RD STREETS STATION
34	6-31	35TH / 33RD STREETS STATION
35	6-32	35TH / 33RD STREETS STATION
36	6-33	35TH / 33RD STREETS STATION
37	6-34	35TH / 33RD STREETS STATION
38	6-35	35TH / 33RD STREETS STATION
39	6-36	35TH / 33RD STREETS STATION
40	6-37	35TH / 33RD STREETS STATION
41	6-38	35TH / 33RD STREETS STATION
42	6-39	35TH / 33RD STREETS STATION
43	6-40	35TH / 33RD STREETS STATION
44	6-41	35TH / 33RD STREETS STATION
45	6-42	35TH / 33RD STREETS STATION
46	6-43	35TH / 33RD STREETS STATION

#### COORDINATION DRAWINGS

PAGE NO.	SHEET NO.	TITLE
23	6-21	63RD STREET STATION
24	6-22	GARFIELD BLVD. STATION
25	6-23	47TH STREET STATION
26	6-24	35TH / 33RD STREETS STATION

#### ELEVATED STRUCTURE

PAGE NO.	SHEET NO.	TITLE
27	6-25	PLAN AND PROFILE
28	6-26	PLAN AND PROFILE
29	6-27	EXISTING CONDITIONS
30	6-28	EXISTING CONDITIONS AND SURVEY LAYOUT
31	6-29	SURVEY LAYOUT
32	6-30	UTILITIES AND DRAINAGE
33	6-31	UTILITIES AND DRAINAGE
34	6-32	CROSS SECTION AT PIERS 6 AND 7
35	6-33	CROSS SECTION AT PIERS 8 AND 9
36	6-34	GENERAL PLAN - XI
37	6-35	GENERAL PLAN - XII
38	6-36	SUB PIER LAYOUT - II
39	6-37	CONCRETE DECK DETAILS
40	6-38	CONCRETE DECK DETAILS

#### INFORMATION DRAWINGS

PAGE NO.	SHEET NO.	TITLE
41	6-39	STANDARD SIGNS AND BARRICADES
42	6-40	STANDARD SIGNS AND TRAFFIC CONES
43	6-41	STANDARD BARRICADES AND SIGNS FOR SHOULDER OPERATIONS
44	6-42	STANDARD BARRICADES AND SIGNS FOR ONE LANE CLOSURE
45	6-43	STANDARD BARRICADES AND SIGNS FOR TWO LANE CLOSURE

#### ARCHITECTURAL

PAGE NO.	SHEET NO.	TITLE
46	A-1	TYPICAL PLATFORM DETAILS
47	A-2	TYPICAL PLATFORM CANOPY DETAILS
48	A-3	TYPICAL WINDOW WALL DETAILS
49	A-4	TYPICAL WINDBREAK DETAILS
50	A-5	TYPICAL ROOF AND MISCELLANEOUS DETAILS
51	A-6	TYPICAL STAIR AND ESCALATOR DETAILS
52	A-7	TYPICAL BUILDING DETAILS
53	A-8	DOOR SCHEDULE, DOOR AND MISCELLANEOUS DETAILS
54	A-9	STAIR, ESCALATOR NO. 1, 2 AND 4 - PLANS AND SECTIONS
55	A-10	STAIR, ESCALATOR NO. 5, 6 AND 7 - PLANS AND SECTIONS
56	A-11	STAIR, ESCALATOR NO. 8, 9 AND 10 - PLANS AND SECTIONS
57	A-12	WINDBREAK ELEVATIONS
58	A-13	WINDBREAK ELEVATIONS
59	A-14	STREET LEVEL AND PLATFORM LEVEL PLANS
60	A-15	ELEVATIONS AND SECTIONS
61	A-16	REFLECTED CEILING PLANS AND ROOF PLAN
62	A-17	STREET LEVEL AND PLATFORM LEVEL PLANS
63	A-18	ELEVATIONS AND SECTIONS
64	A-19	REFLECTED CEILING PLANS AND ROOF PLAN
65	A-20	STREET LEVEL AND PLATFORM LEVEL PLANS
66	A-21	PLATFORM LEVEL AND ROOF PLANS
67	A-22	ELEVATIONS AND SECTIONS
68	A-23	REFLECTED CEILING PLANS
69	A-24	35TH STREET LEVEL AND PLATFORM LEVEL PLANS
70	A-25	33RD STREET LEVEL AND PLATFORM LEVEL PLANS
71	A-26	35TH STREET STATION, ELEVATIONS AND SECTIONS
72	A-27	33RD STREET STATION, ELEVATIONS AND SECTIONS
73	A-28	35TH STREET STATION, REFLECTED CEILING PLANS AND ROOF PLAN
74	A-29	33RD STREET STATION, REFLECTED CEILING PLANS AND ROOF PLAN
75	A-30	STREET LEVEL AND REFLECTED CEILING PLAN
76	A-31	PLATFORM LEVEL PLANS
77	A-32	ELEVATIONS AND SECTIONS
78	A-33	PARTIAL SECTIONS AND MISCELLANEOUS DETAILS
79	A-34	PLATFORM LEVEL REFLECTED CEILING PLANS

#### STRUCTURAL

PAGE NO.	SHEET NO.	TITLE
80	S-1	SOIL BORINGS
81	S-2	SOIL BORINGS
82	S-3	SOIL BORINGS
83	S-4	FOOTING AND PLATFORM FRAMING PLAN
84	S-5	DETAILS
85	S-6	STREET LEVEL FRAMING PLANS
86	S-7	SOIL BORINGS
87	S-8	SOIL BORINGS
88	S-9	FOUNDATION FRAMING PLAN
89	S-10	PLATFORM FRAMING PLAN
90	S-11	STREET LEVEL FRAMING PLANS
91	S-12	SOIL BORINGS
92	S-13	SOIL BORINGS
93	S-14	FOUNDATION FRAMING PLAN
94	S-15	PLATFORM FRAMING PLAN
95	S-16	STREET LEVEL FRAMING PLANS
96	S-17	SOIL BORINGS
97	S-18	SOIL BORINGS
98	S-19	SOIL BORINGS
99	S-20	SOIL BORINGS
100	S-21	FOUNDATION FRAMING PLAN
101	S-22	DETAILS
102	S-23	PLATFORM FRAMING PLAN
103	S-24	35TH STREET LEVEL FRAMING PLAN
104	S-25	33RD STREET LEVEL FRAMING PLAN
105	S-26	PLATFORM FRAMING PLAN
106	S-27	CANOPY FRAMING PLAN
107	S-28	TYPICAL CONCRETE DETAILS
108	S-29	TYPICAL STEEL DETAILS

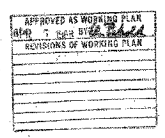
#### MECHANICAL

PAGE NO.	SHEET NO.	TITLE
109	M-1	STREET LEVEL AND PLATFORM LEVEL PLANS
110	M-2	STREET LEVEL AND PLATFORM LEVEL PLANS
111	M-3	STREET LEVEL AND PLATFORM LEVEL PLANS
112	M-4	35TH STREET LEVEL AND PLATFORM LEVEL PLANS
113	M-5	33RD STREET LEVEL AND PLATFORM LEVEL PLANS
114	M-6	STREET LEVEL AND PLATFORM LEVEL PLANS
115	M-7	DETAILS

#### ELECTRICAL

PAGE NO.	SHEET NO.	TITLE
116	E-1	SITE PLANS AND MISC. DETAILS
117	E-2	SITE PLANS AND MISC. DETAILS
118	E-3	STREET LEVEL AND PLATFORM LEVEL LIGHTING PLANS
119	E-4	STREET LEVEL AND PLATFORM LEVEL POWER CONDUIT PLAN
120	E-5	STREET LEVEL AND PLATFORM LEVEL LIGHTING PLAN
121	E-6	STREET LEVEL AND PLATFORM LEVEL POWER CONDUIT PLAN
122	E-7	STREET LEVEL AND PLATFORM LEVEL LIGHTING PLAN
123	E-8	STREET LEVEL AND PLATFORM LEVEL POWER CONDUIT PLAN
124	E-9	PLATFORM LEVEL POWER CONDUIT PLAN
125	E-10	35TH STREET LEVEL AND PLATFORM LEVEL LIGHTING PLAN
126	E-11	35TH STREET LEVEL AND PLATFORM LEVEL POWER CONDUIT PLAN
127	E-12	33RD STREET LEVEL LIGHTING PLAN
128	E-13	35TH / 33RD STREETS STATION
129	E-14	PLATFORM LEVEL LIGHTING PLAN
130	E-15	STREET LEVEL LIGHTING, POWER/ CONDUIT PLAN
131	E-16	PLATFORM LEVEL POWER PLAN
132	E-17	PANEL SCHEDULES & MISCELLANEOUS DETAILS
133	E-18	CLOSET DETAILS
134	E-19	MISCELLANEOUS DETAILS

CITY OF CHICAGO  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING  
DAN RYAN RAPID TRANSIT STATIONS  
CONTRACT DR-6  
INDEX OF DRAWINGS



FEBRUARY 1968  
SHEET NO. 2 OF 134 SHEETS.

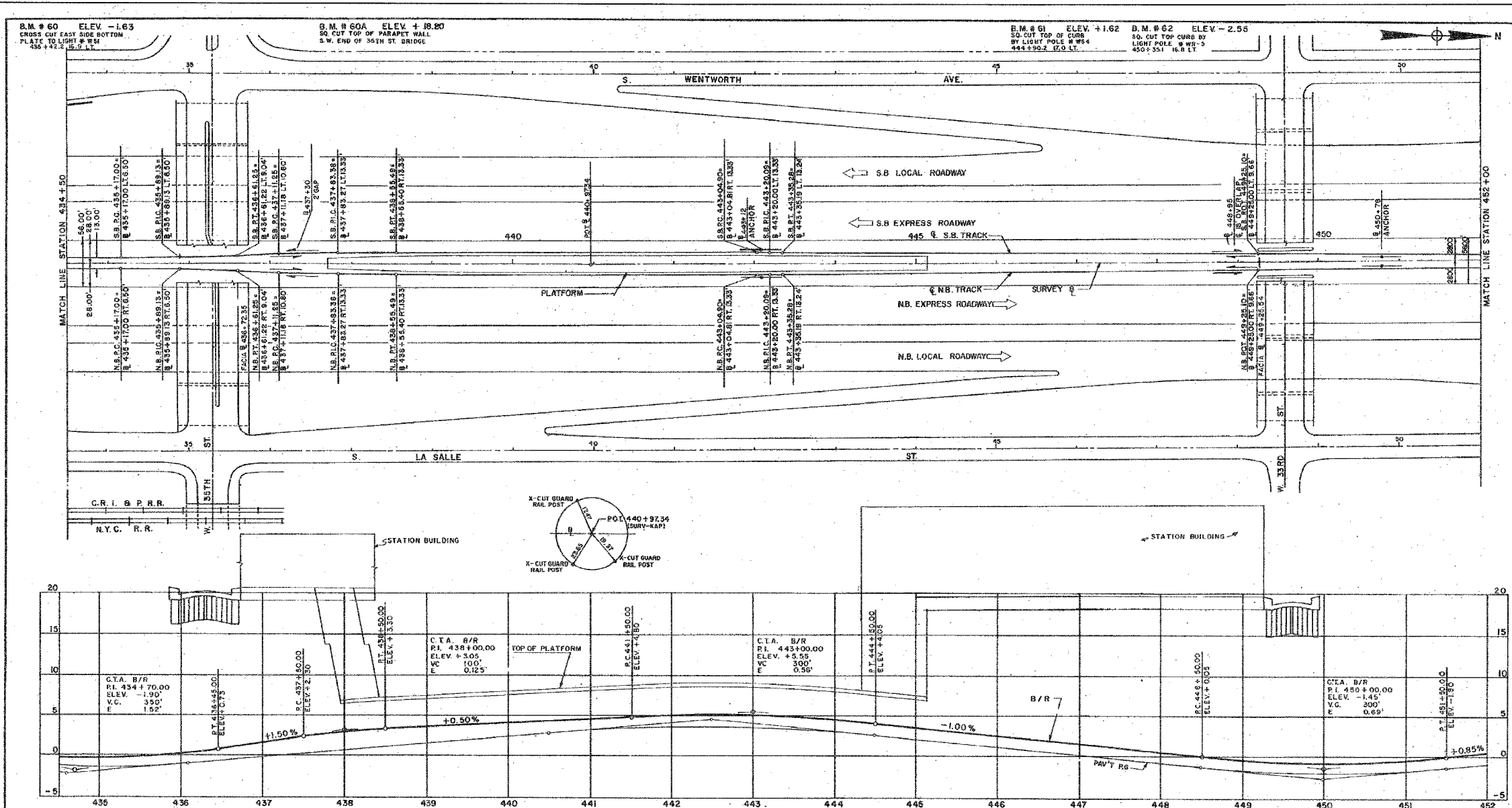
In Charge: [Signature]  
Designed By: [Signature]  
Drawn By: [Signature]  
Checked By: [Signature]  
Approved By: [Signature]

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

FOR INFORMATION ONLY

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
EXISTING CTA FOUNDATION  
PLANS AT 33RD STREET  
SCALE: NTS  
DATE: 07/07/05  
DRAWN BY: BDC  
CHECKED BY: BLU



CURVE DATA SB TRACK		CURVE DATA SB TRACK		CURVE DATA SB TRACK	
PC 435+17.00	RC 437+11.25	PC 443+04.90	RC 443+04.90	PC 443+04.90	RC 443+04.90
PIC 435+89.13	PIC 437+83.38	PIC 443+20.09	PIC 443+20.09	PIC 443+20.09	PIC 443+20.09
RT 436+81.25	RT 438+55.49	RT 443+55.28	RT 443+55.28	RT 443+55.28	RT 443+55.28
A = 2°-00'-57"	A = 2°-00'-57"	A = 0°-20'-53"	A = 0°-20'-53"	A = 0°-20'-53"	A = 0°-20'-53"
D = 1°-23'-51"	D = 1°-23'-51"	D = 1°-08'-45"	D = 1°-08'-45"	D = 1°-08'-45"	D = 1°-08'-45"
R = 4100.00'	R = 4100.00'	R = 5000.00'	R = 5000.00'	R = 5000.00'	R = 5000.00'
T = 72.13'	T = 72.13'	T = 15.19'	T = 15.19'	T = 15.19'	T = 15.19'
L = 144.25'	L = 144.25'	L = 30.38'	L = 30.38'	L = 30.38'	L = 30.38'
LC = 144.24'	LC = 144.24'	LC = 30.38'	LC = 30.38'	LC = 30.38'	LC = 30.38'
E = 0.63'	E = 0.63'	E = 0.02'	E = 0.02'	E = 0.02'	E = 0.02'
M = 0.63'	M = 0.63'	M = 0.02'	M = 0.02'	M = 0.02'	M = 0.02'
SE = 0.00'	SE = 0.00'	SE = 0.00'	SE = 0.00'	SE = 0.00'	SE = 0.00'
V = 70 M.P.H.	V = 70 M.P.H.	V = 70 M.P.H.	V = 70 M.P.H.	V = 70 M.P.H.	V = 70 M.P.H.

REFERENCE DRAWING FOR COORDINATION ONLY

CITY OF CHICAGO  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING  
**DAN RYAN RAPID TRANSIT**  
 CONTRACT DR-6  
 TRACKWORK, INSULATOR CHAIRS AND CONTACT RAIL  
 PLAN AND PROFILE  
 STA. 434+50 TO STA. 452+00  
 35TH/33RD STREET STATION  
 HOR. 1"=50'  
 SCALE: VER. 1"=5'  
 SHEET NO. G-24 OF 134  
 FEBRUARY 1968  
 SHEETS

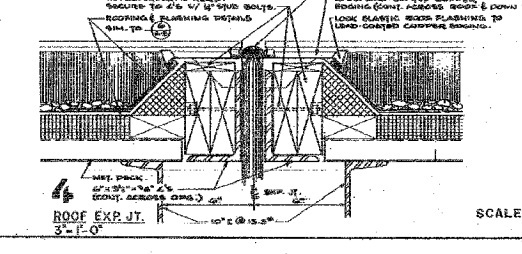
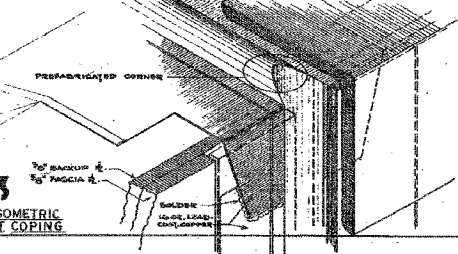
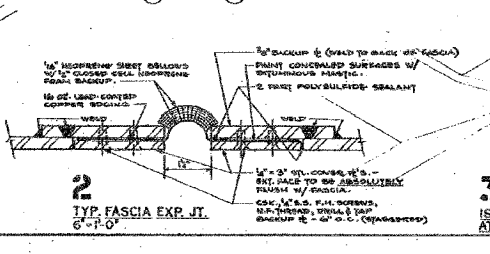
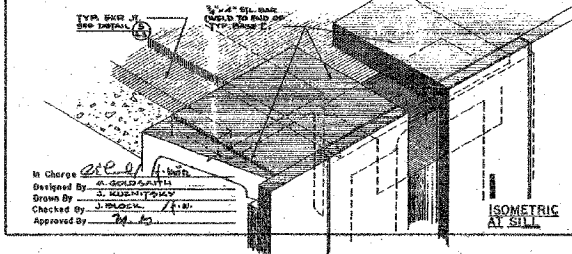
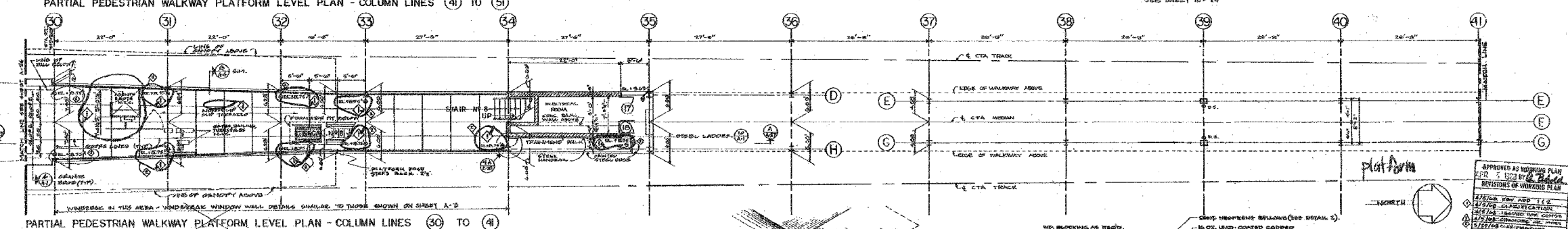
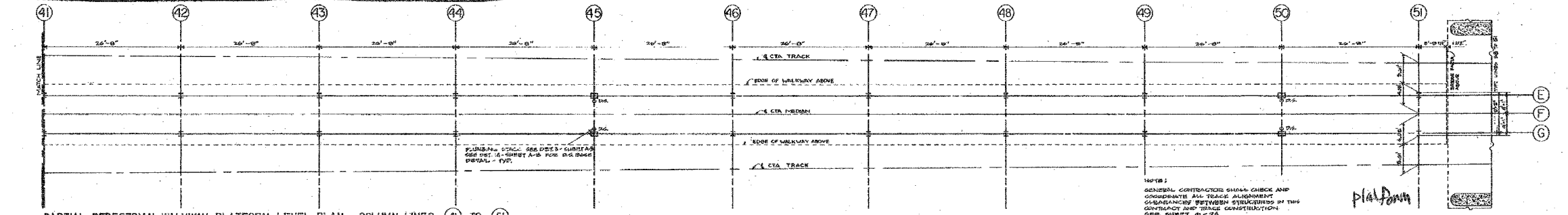
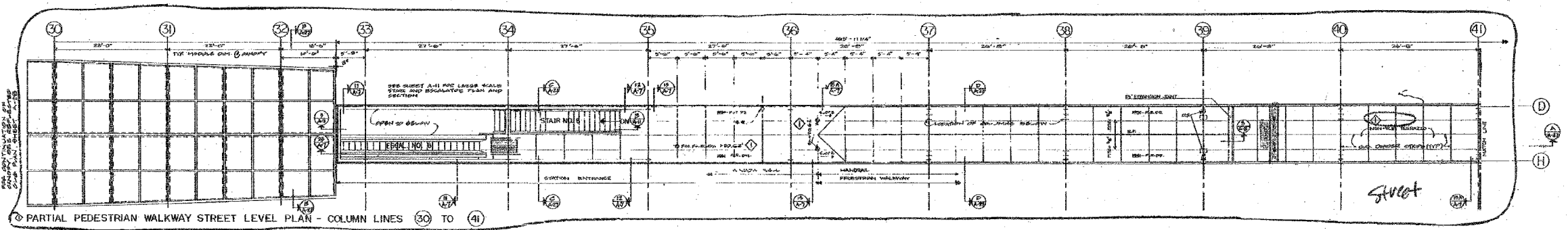
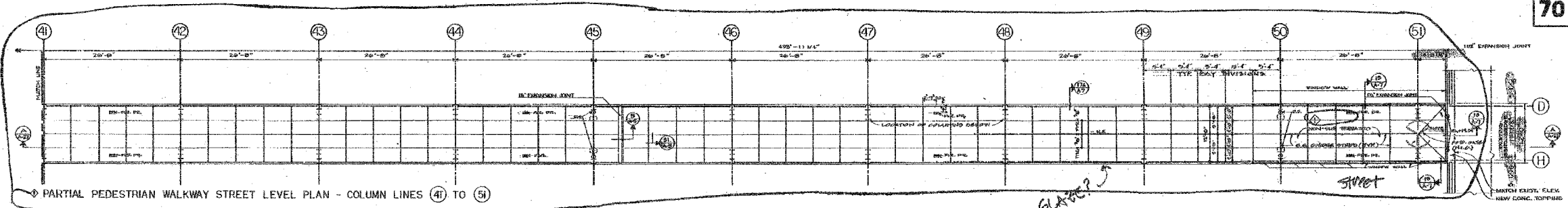
In Charge: E.A.M.  
 Designed By: G.A.H.  
 Drawn By: M.V.  
 Checked By: J.W.  
 Approved By: H.T.G.  
 BOWMAN, BARRETT & ASSOCIATES INC.  
 CONSULTING ENGINEERS  
 Chicago, Illinois  
 312.228.0100  
 www.bbainc.com

FOR INFORMATION ONLY

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 EXISTING CTA FOUNDATION  
 PLANS AT 33RD STREET  
 SCALE: NTS  
 DATE: 07/07/05  
 DRAWN BY: BDC  
 CHECKED BY: BLU

SHEET CTAF-3 OF CTAF-6



CITY OF CHICAGO  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING  
**DAN RYAN RAPID TRANSIT STATIONS**  
 CONTRACT DR-6  
 33RD STREET LEVEL  
 AND PLATFORM LEVEL PLANS  
 35TH/33RD STREETS STATION  
 SCALE: 1/8" = 1'-0"  
 SHEET NO. A-25 OF 134 FEBRUARY 1968  
 SHEETS

In Charge: *[Signature]*  
 Designed By: *[Signature]*  
 Drawn By: *[Signature]*  
 Checked By: *[Signature]*  
 Approved By: *[Signature]*

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

FOR INFORMATION ONLY

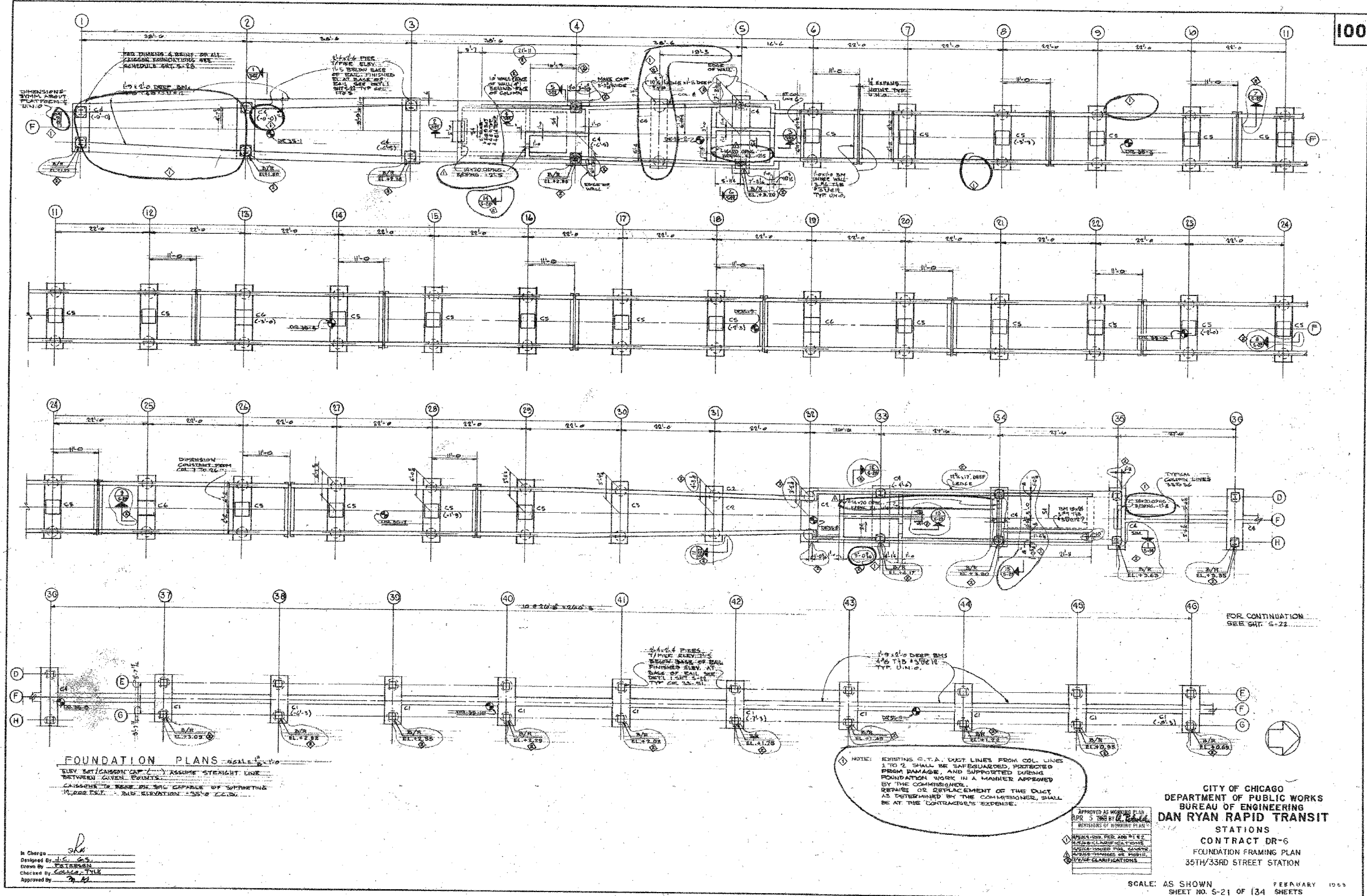
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 EXISTING CTA FOUNDATION  
 PLANS AT 33RD STREET  
 SCALE: NTS  
 DATE: 07/07/05  
 DRAWN BY: BDC  
 CHECKED BY: BLU

6/29/2005 8:59:02 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	231
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		*(1818, ETC., 2324.6-IPR-9		

100



**FOUNDATION PLANS** - SCALE: 1/4" = 1'-0"  
 ELEV. BEARING CAP. ASSUME STRAIGHT LINE BETWEEN GIVEN POINTS.  
 CAISSONS TO BE USED ARE CAPABLE OF SUPPORTING 14,000 LBS. - SUB. ELEVATION - 235.2' C.C.S.

NOTE: EXISTING C.T.A. DUCT LINES FROM COL. LINES 1 TO 2 SHALL BE SAFEGUARDED, PROTECTED FROM DAMAGE, AND SUPPORTED DURING FOUNDATION WORK IN A MANNER APPROVED BY THE COMMISSIONER. DETAIL OR REPLACEMENT OF THE DUCT, AS DETERMINED BY THE COMMISSIONER, SHALL BE AT THE CONTRACTOR'S EXPENSE.

CITY OF CHICAGO  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING  
**DAN RYAN RAPID TRANSIT STATIONS**  
 CONTRACT DR-6  
 FOUNDATION FRAMING PLAN  
 35TH/33RD STREET STATION

SCALE: AS SHOWN SHEET NO. 5-21 OF 134 SHEETS FEBRUARY 1993

In Charge: *[Signature]*  
 Designed By: *[Signature]*  
 Drawn By: *[Signature]*  
 Checked By: *[Signature]*  
 Approved By: *[Signature]*

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

FOR INFORMATION ONLY

REVISIONS	DATE
NAME	

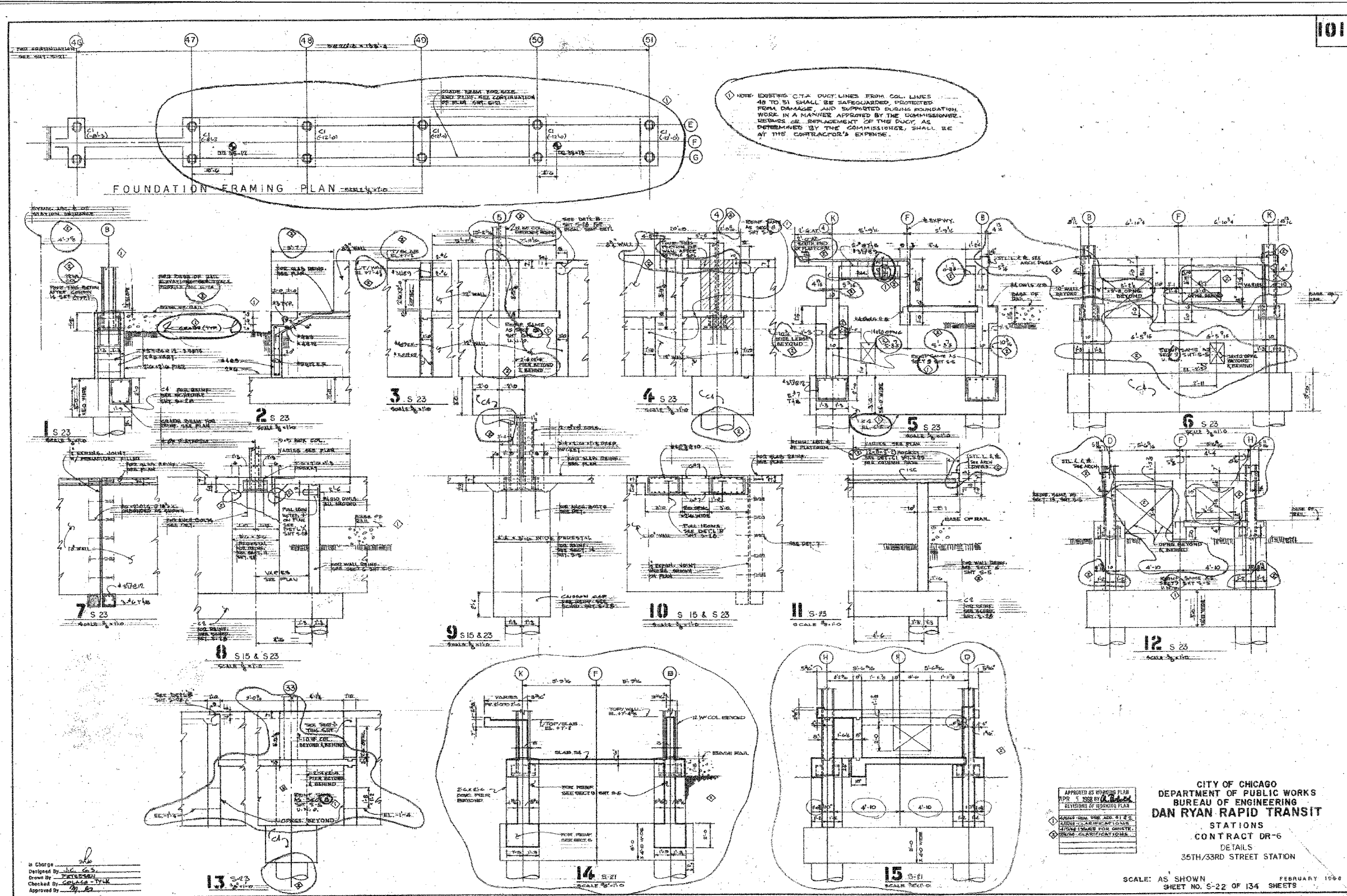
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 EXISTING CTA FOUNDATION  
 PLANS AT 33RD STREET  
 SCALE: NTS DRAWN BY: BDC  
 DATE: 07/07/05 CHECKED BY: BLU

SHEET CTAF-5 OF CTAF-6

6/29/2005 8:39:23 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	232
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	*1818, ETC., 2324.6-1PIR-9			

101



APPROVED AS WORKING PLAN  
DATE: 5/2008 BY: [Signature]  
REVISIONS OF WORKING PLAN

CITY OF CHICAGO  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING  
**DAN RYAN RAPID TRANSIT**  
STATIONS  
CONTRACT DR-6  
DETAILS  
35TH/33RD STREET STATION

SCALE: AS SHOWN  
SHEET NO. S-22 OF 134 SHEETS  
FEBRUARY 1998

SHEET CTAF-6 OF CTAF-6

In Charge: [Signature]  
Designed By: [Signature]  
Drawn By: [Signature]  
Checked By: [Signature]  
Approved By: [Signature]

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

FOR INFORMATION ONLY

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
EXISTING CTA FOUNDATION  
PLANS AT 33RD STREET

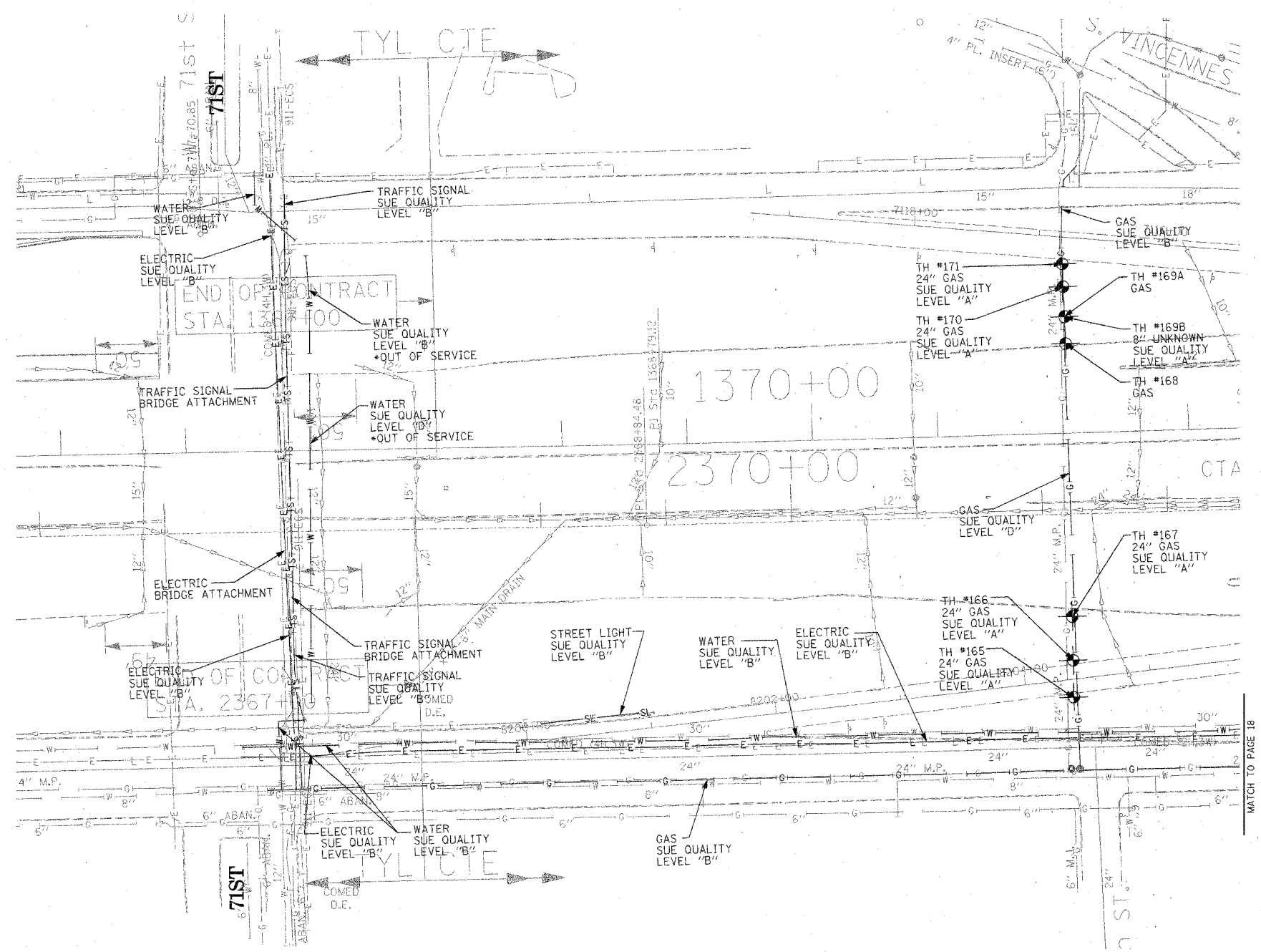
SCALE: NTS  
DATE: 07/07/05

DRAWN BY: BDC  
CHECKED BY: BLU

6-650 Standard and Non-Standard Structure S-1860 J.S. Foundation/Geology



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11516,117 & 1818-6	Cook	518	233
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 232  
 TBE SUE PAGE NO: 17 of 36  
 Checked by: *Madison E-9802*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

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



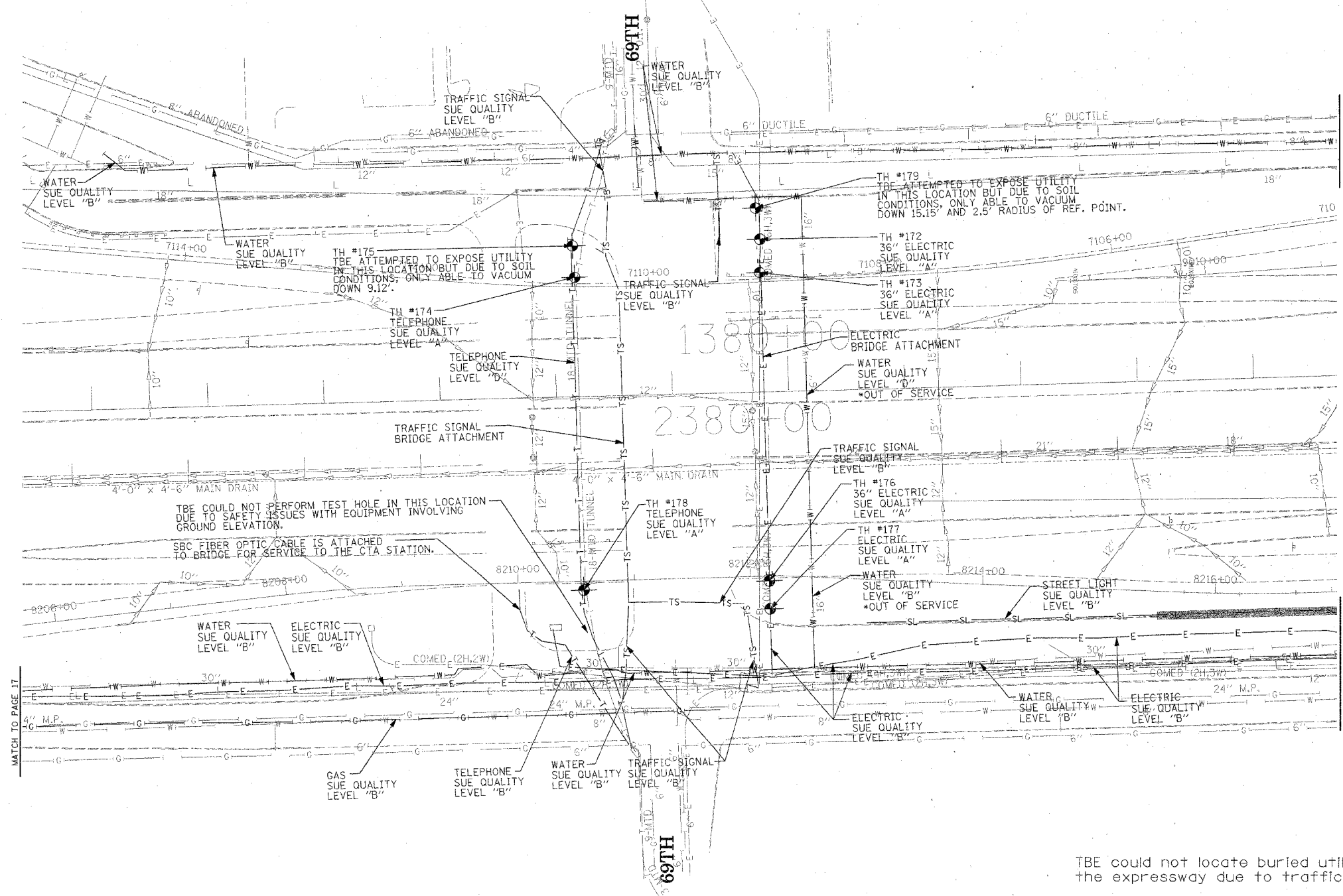
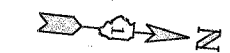
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUE Investigation of Underground Utilities  
 I-94 NB & SB of Dan Ryan Expressway  
 From I-57 to 43rd Street  
 Contract No: 62586, 62589, 62590, 62594, 62693  
 SOL "A" DATE : 3/19/04  
 SOL "B" DATE : 7/22/04  
 DRAWN BY : KLC  
 SCALE : 1" = 50'

TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.  
 \*At the time of Quality Level "B" SUE services, the water lines were active. The lines, however, are now expected to be out of service per IDOT.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516,1177 & 1818-6	Cook	598	234
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

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

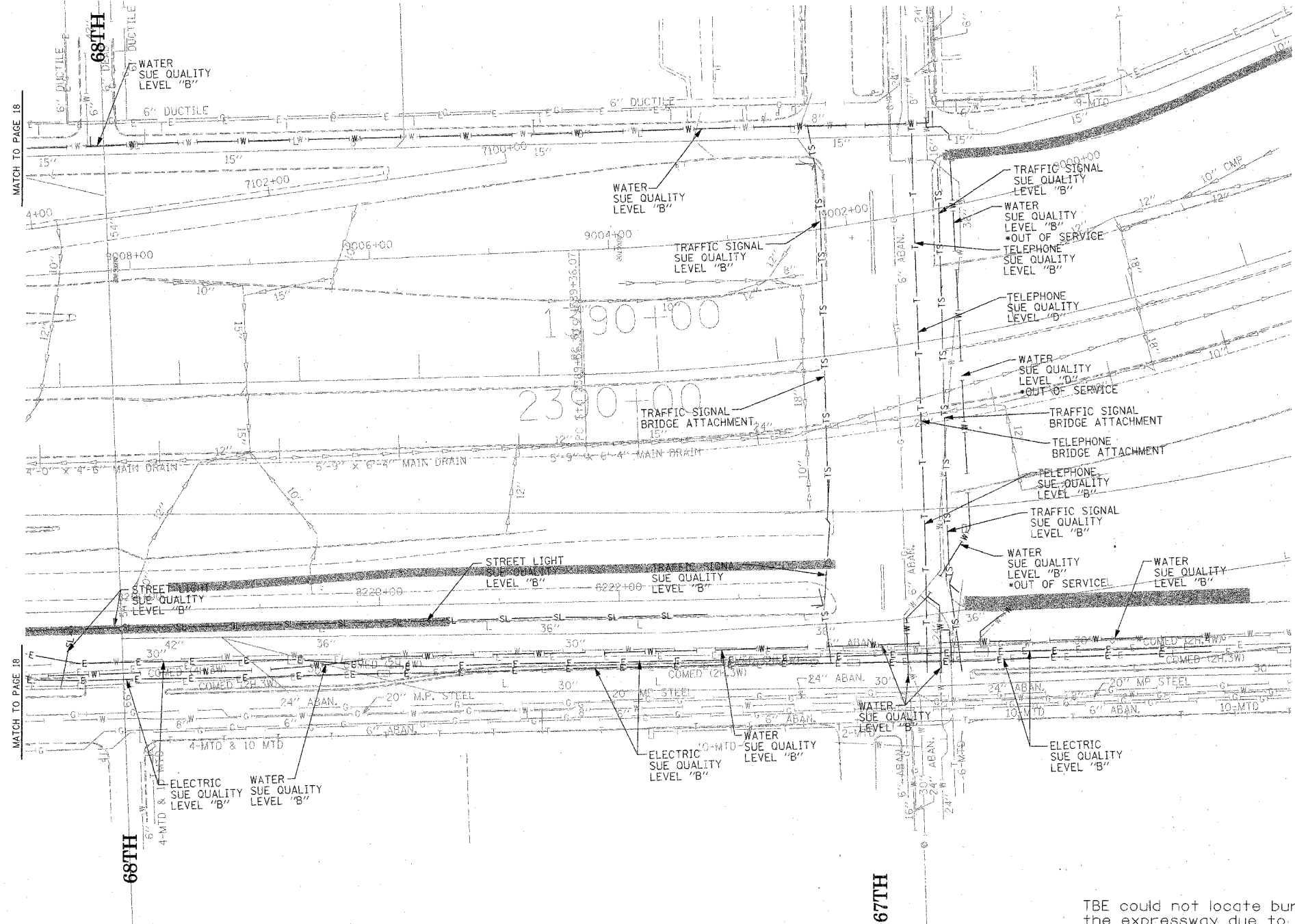
IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 18 of 36  
 Checked by: *J. H. ... E-9822*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

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

 205 W. WACKER DRIVE SUITE 1020 CHICAGO, IL 60606 (312) 704-1970	REVISIONS NAME      DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION  SUE Investigation of Underground Utilities I-94 NB & SB of Dan Ryan Expressway From I-57 to 43rd Street Contract No: 62586, 62589, 62590, 62594, 62693  SOL "A" DATE : 6/09/04      DRAWN BY : KLC SOL "B" DATE : 7/22/04      SCALE : 1" = 50'
	(Empty revision table)	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10516.1, 11717 & 18181-6	Cook	598	235
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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



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

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 19 of 36  
 Checked by: *J. Adams E-9802*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

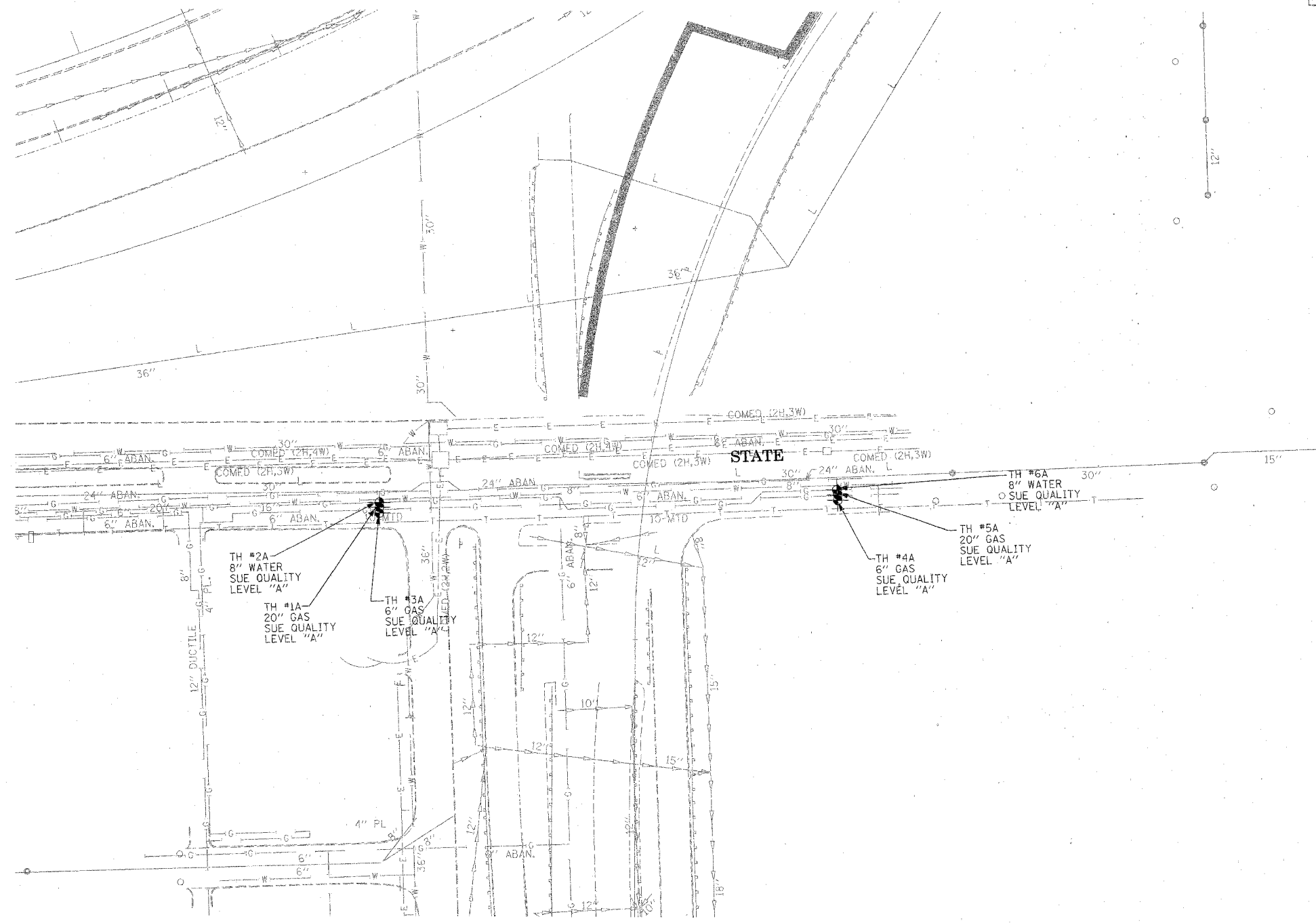
Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

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

REVISIONS	
NAME	DATE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10516.1,1717 & 18181-6	Cook	598	236
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 20 of 36  
 Checked by: *[Signature]* 1/22/04  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

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

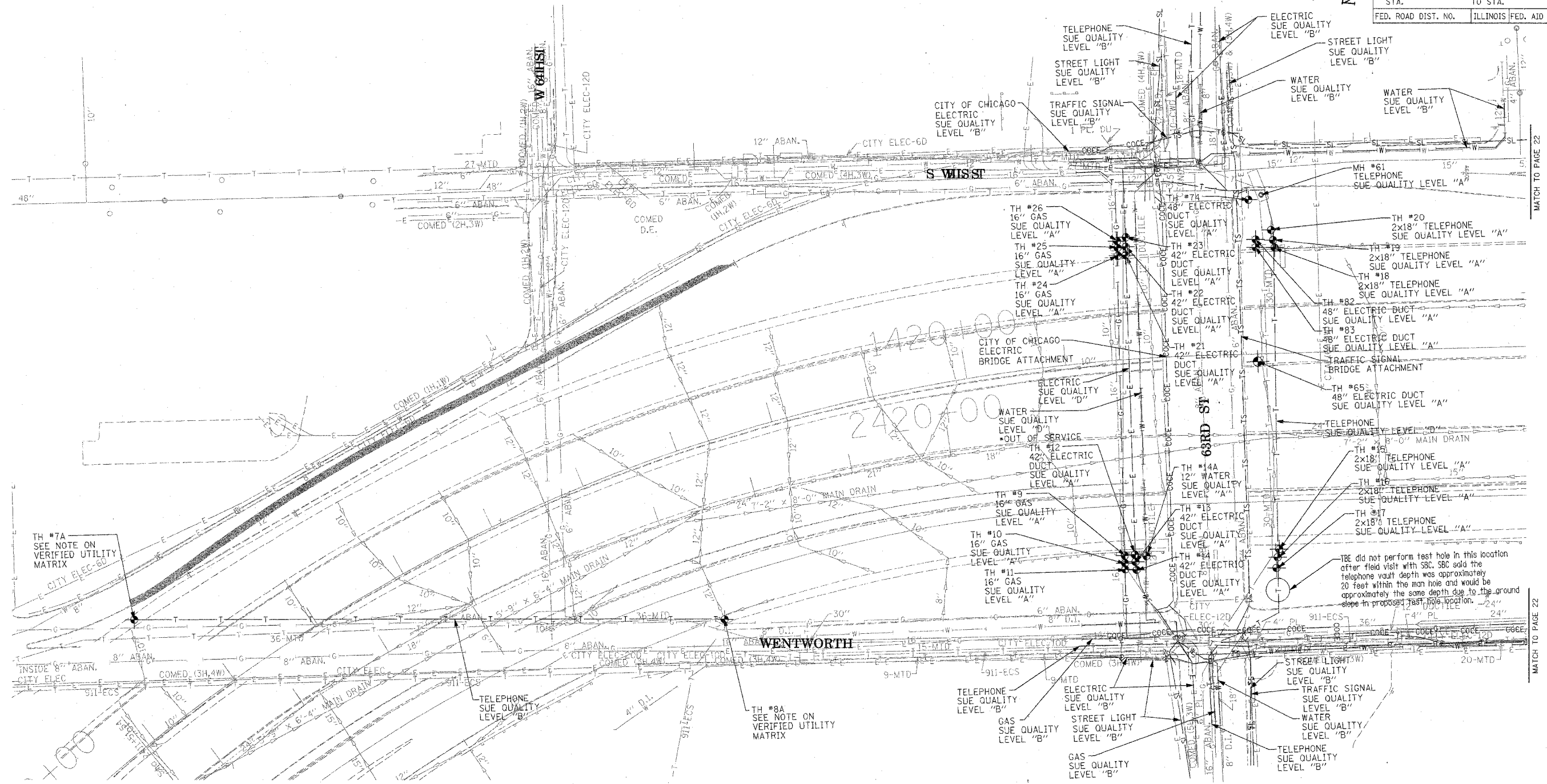
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

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

REVISIONS	
NAME	DATE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(0516.1,1717 & 1810)-6	Cook	598	237
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



MATCH TO PAGE 22

MATCH TO PAGE 22

TH #7A  
SEE NOTE ON  
VERIFIED UTILITY  
MATRIX

TH #8A  
SEE NOTE ON  
VERIFIED UTILITY  
MATRIX

TBE did not perform test hole in this location after field visit with SSC. SSC said the telephone vault depth was approximately 20 feet within the man hole and would be approximately the same depth due to the ground slope in proposed test hole location.

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

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

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

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 21 of 36  
 Checked by: *Jeff A. Jones 8-9802*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

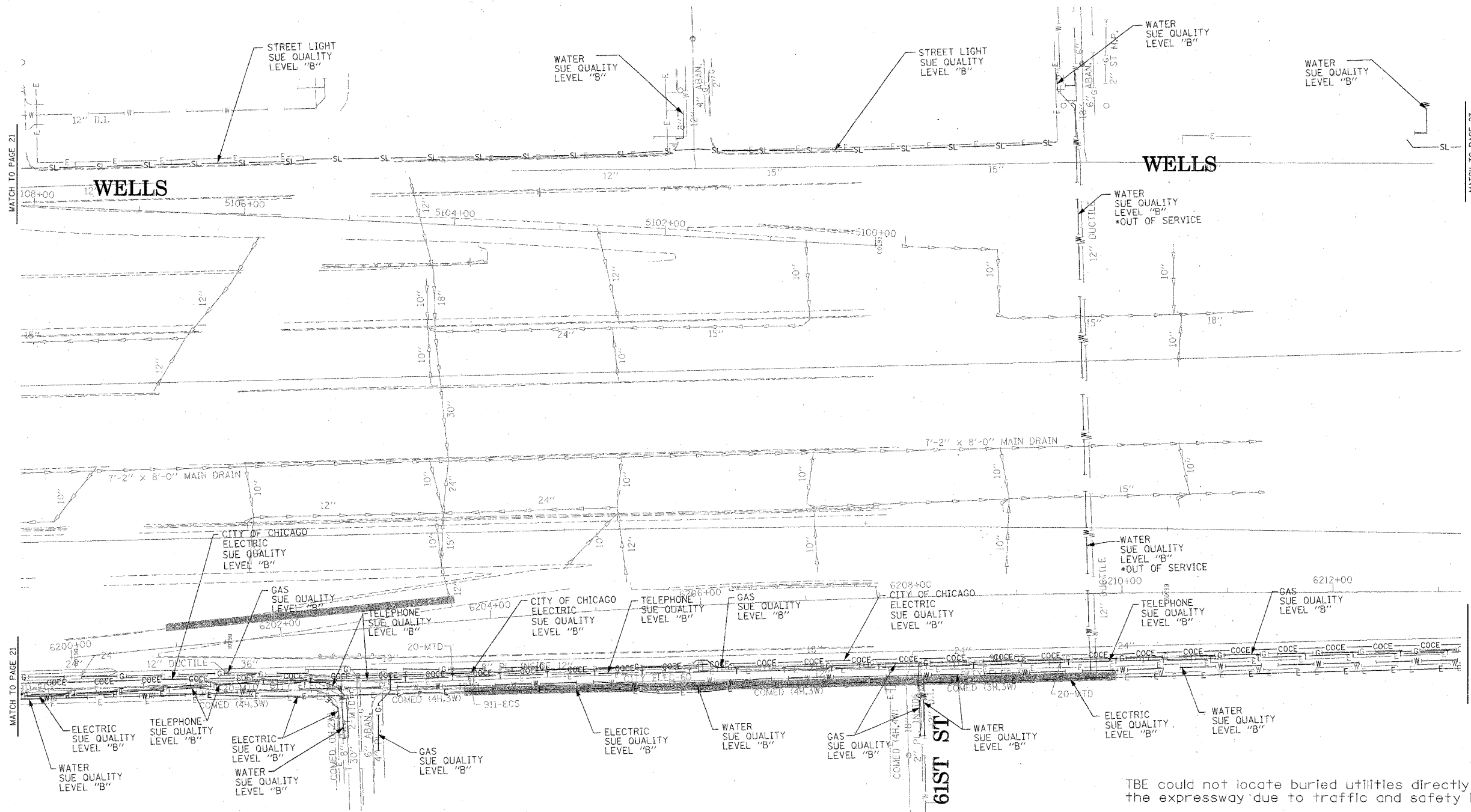
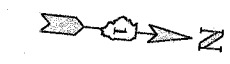
—TS—	—TS—	TRAFFIC SIGNAL
—SL—	—SL—	STREET LIGHT
—COCE—	—COCE—	CITY OF CHICAGO ELECTRIC
—T—	—T—	TELEPHONE
—W—	—W—	WATER
—G—	—G—	GAS
—CTV—	—CTV—	CABLE TELEVISION
—FO—	—FO—	FIBER OPTIC
—E—	—E—	ELECTRIC
⊙		TEST HOLE

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

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



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(0516,1,1717 & 1818)-6	Cook	598	238
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

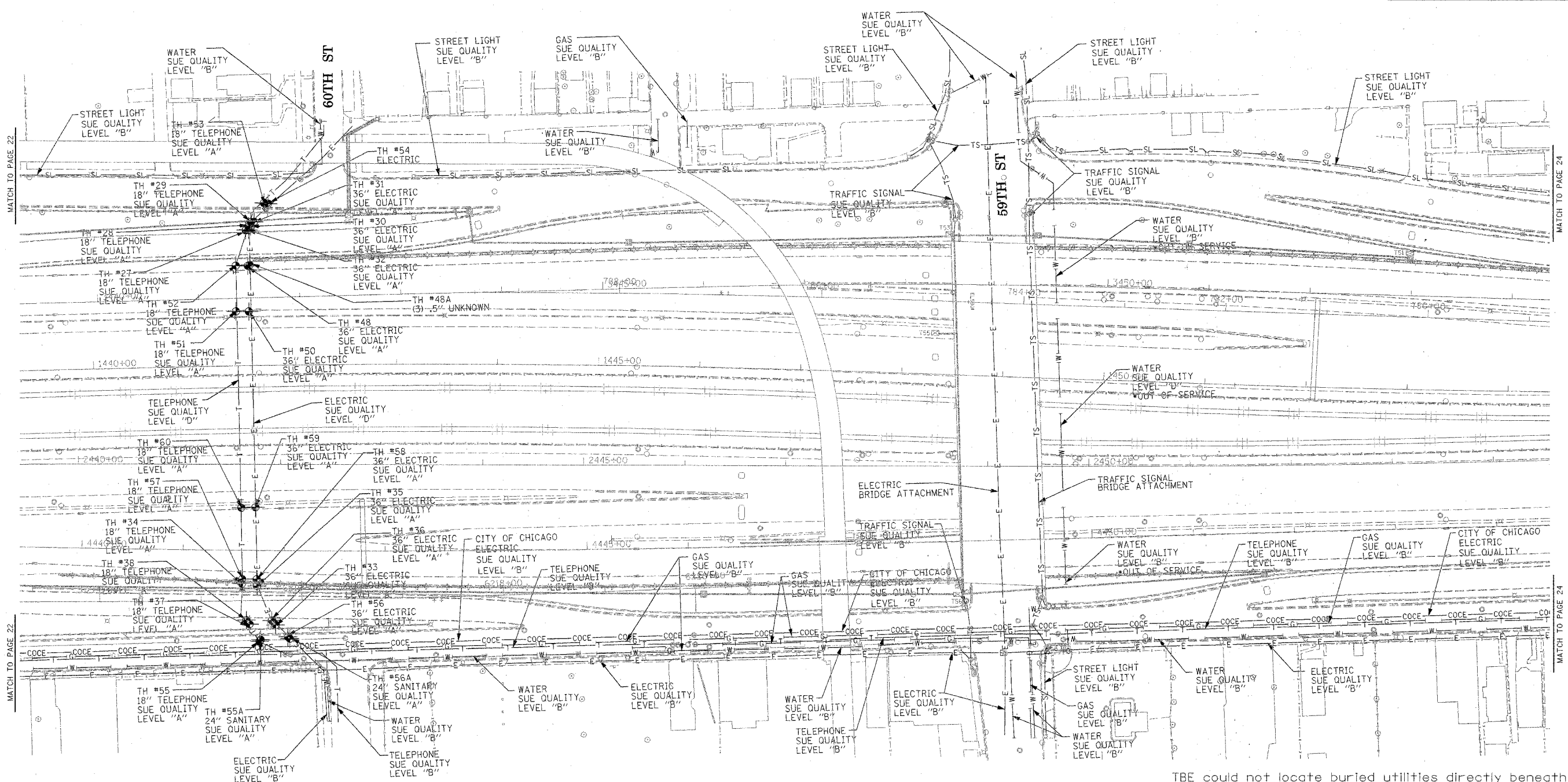
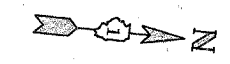
**TBE GROUP, INC.**  
 CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL  
 \* PLANNING \* UTILITY ENGINEERING/LOCATING  
 SOUTHERN REGION: FL, GA, SC, NC  
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY  
 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA  
 IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 22 of 36  
 Checked by: *[Signature]*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1516,1717 & 1818-6	Cook	598	239
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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

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



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

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 23 of 36  
 Checked by: \_\_\_\_\_  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

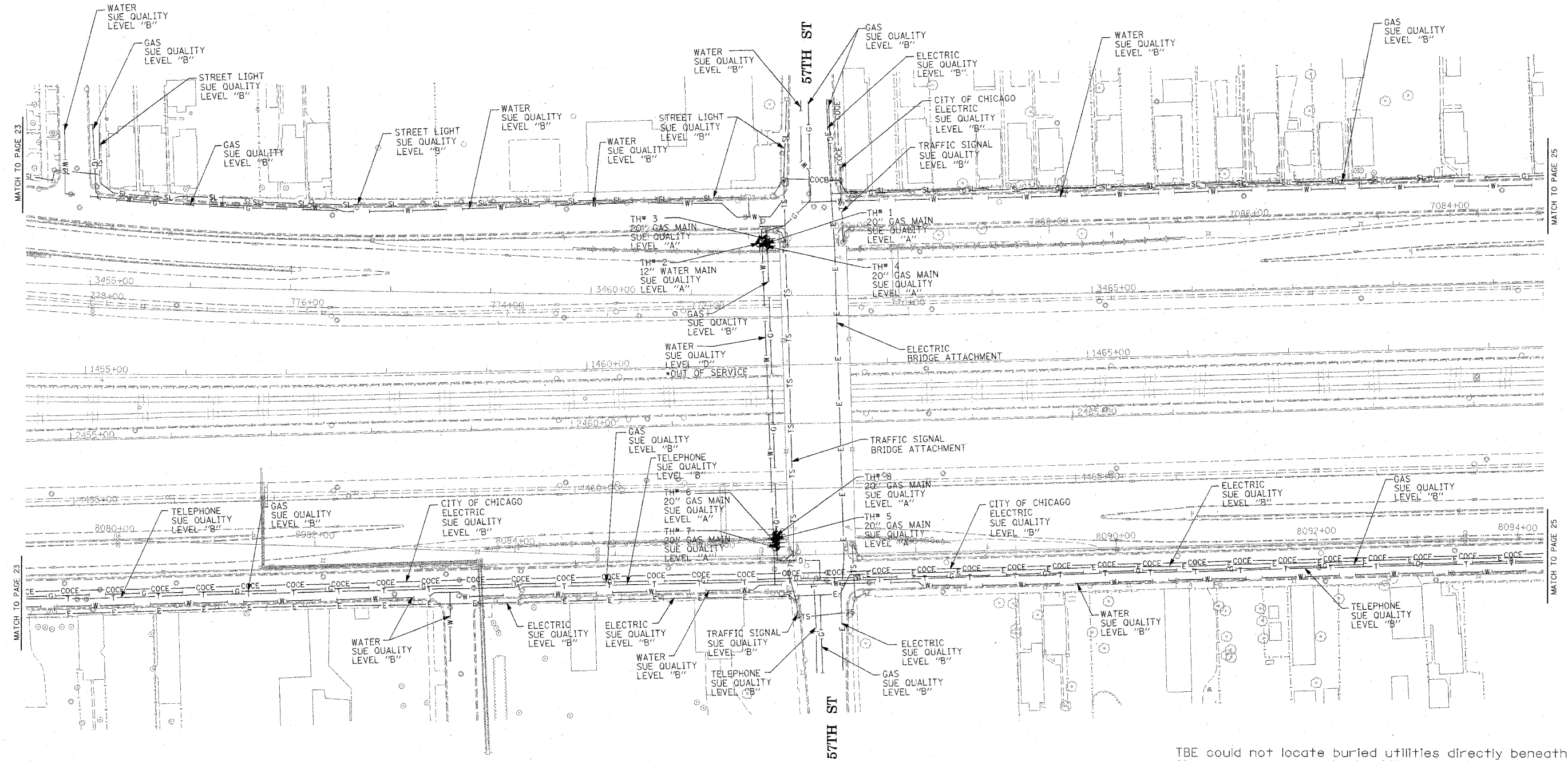
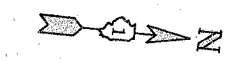
Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

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

REVISIONS	
NAME	DATE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516.11717 & 18181-6	Cook	598	240
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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

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



**TBE GROUP, INC.**

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

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

TBE SUE PAGE NO: 24 of 36  
 Checked by: *[Signature]*

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

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

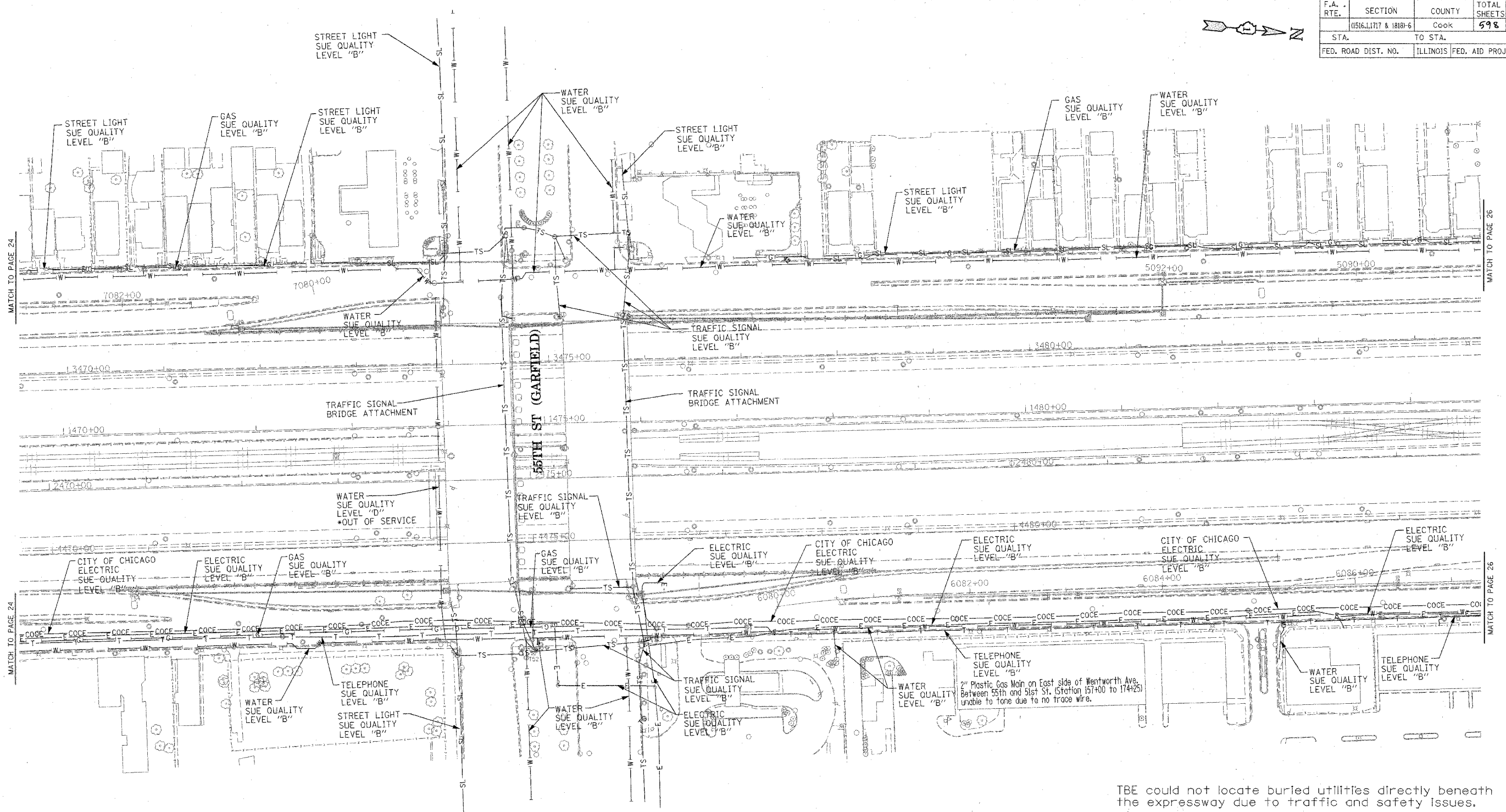
Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

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

REVISIONS	
NAME	DATE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516, 1177 & 1818-6	Cook	598	241
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



**TBE GROUP, INC.**  
 CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL  
 \* PLANNING \* UTILITY ENGINEERING/LOCATING  
 SOUTHERN REGION: FL, GA, SC, NC  
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY  
 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA  
 IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 25 of 36  
 Checked by: *[Signature]*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

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

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

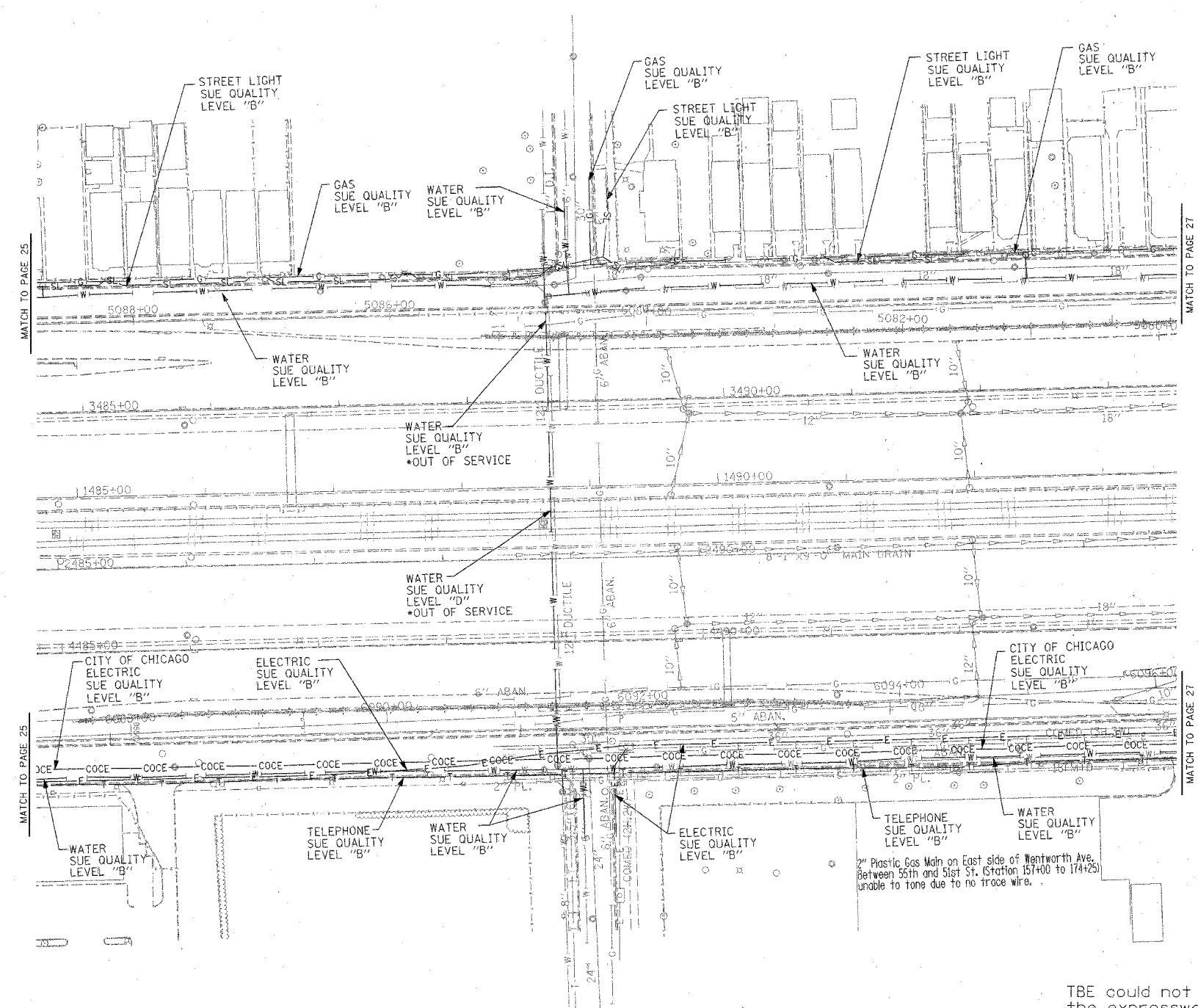
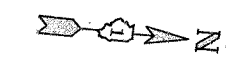
REVISIONS	
NAME	DATE

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

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516.1717 & 1818-6	Cook	598	242
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

**TBE GROUP, INC.**  
 CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL  
 \* PLANNING \* UTILITY ENGINEERING/LOCATING  
 SOUTHERN REGION: FL, GA, SC, NC  
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY  
 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA  
 IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 26 of 36  
 Checked by: *Mark B. 8/22/02*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

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

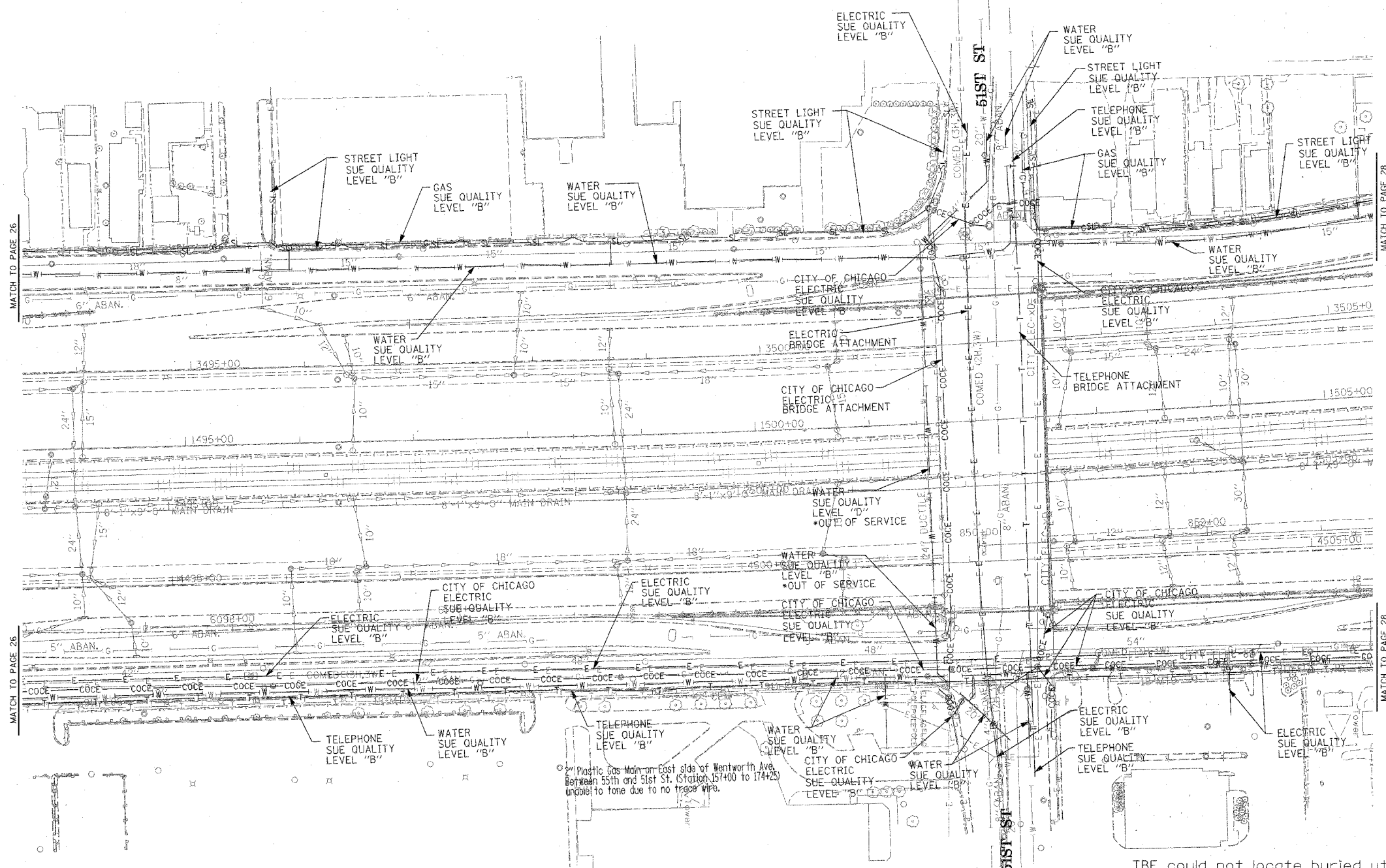
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

REVISIONS	
NAME	DATE

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



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(1516,1717 & 1818)-6	Cook	599	243
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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

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



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

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 27 of 36  
 Checked by: *[Signature]*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

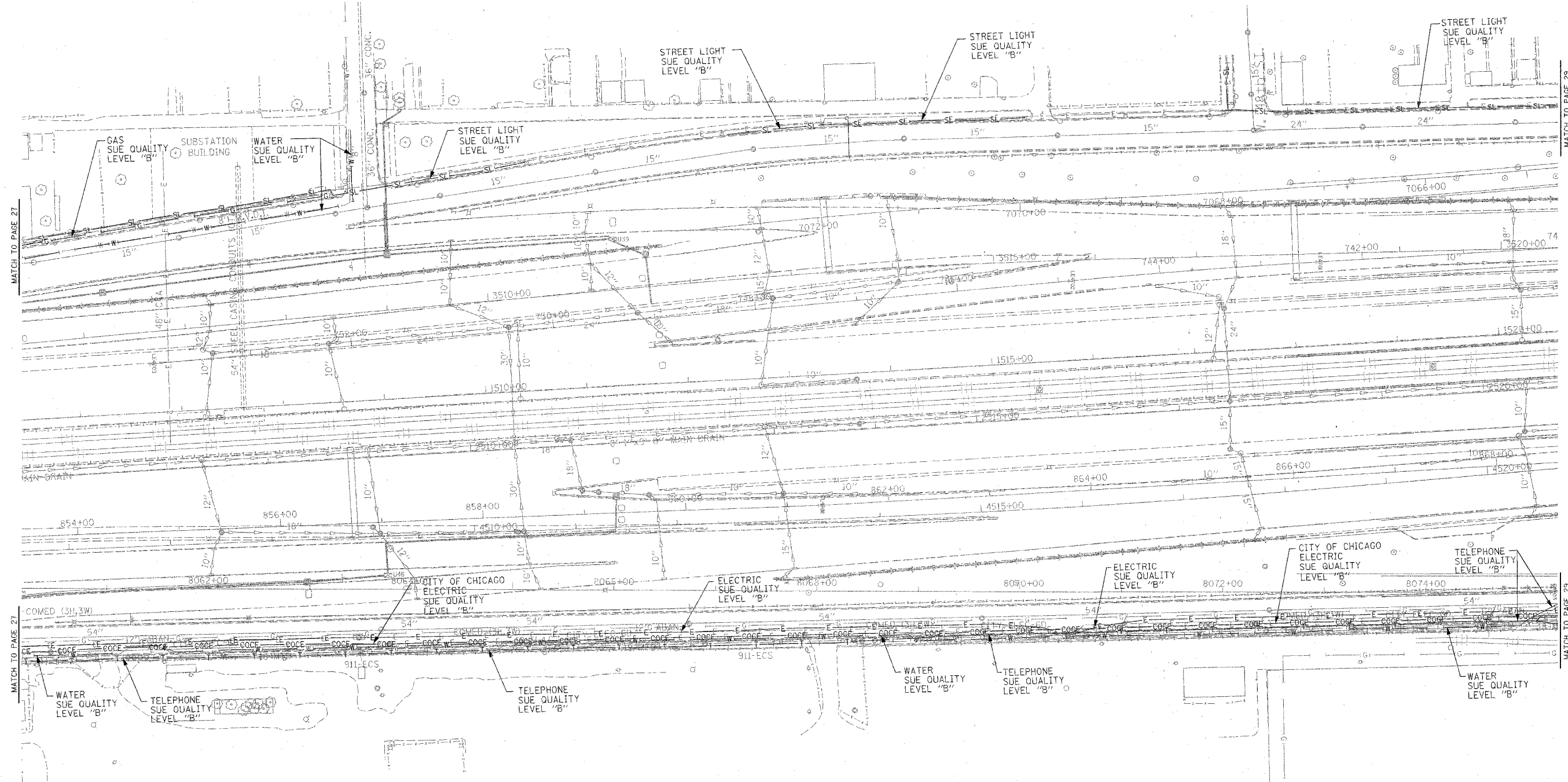
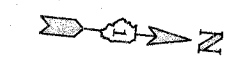
Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

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

REVISIONS	
NAME	DATE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516.1117 & 1818-6	Cook	598	244
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 28 of 36  
 Checked by: *J. J. Adams* 8-9-02  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

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

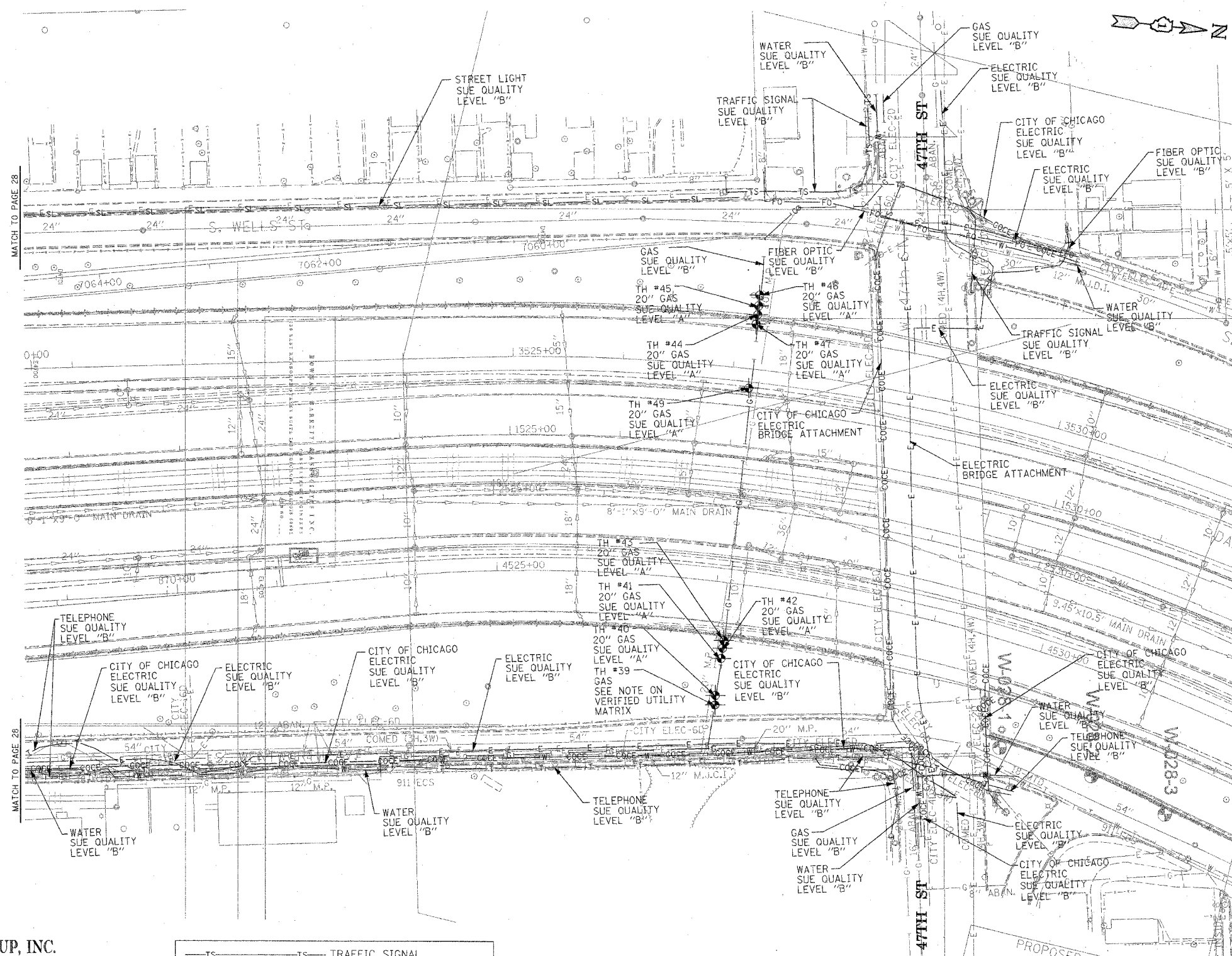
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

REVISIONS	
NAME	DATE

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516.1177 & 1818-6	Cook	598	245
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		




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

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228  
 TBE SUE PAGE NO: 29 of 36  
 Checked by: *M. E. 1002*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

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

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

REVISIONS	
NAME	DATE

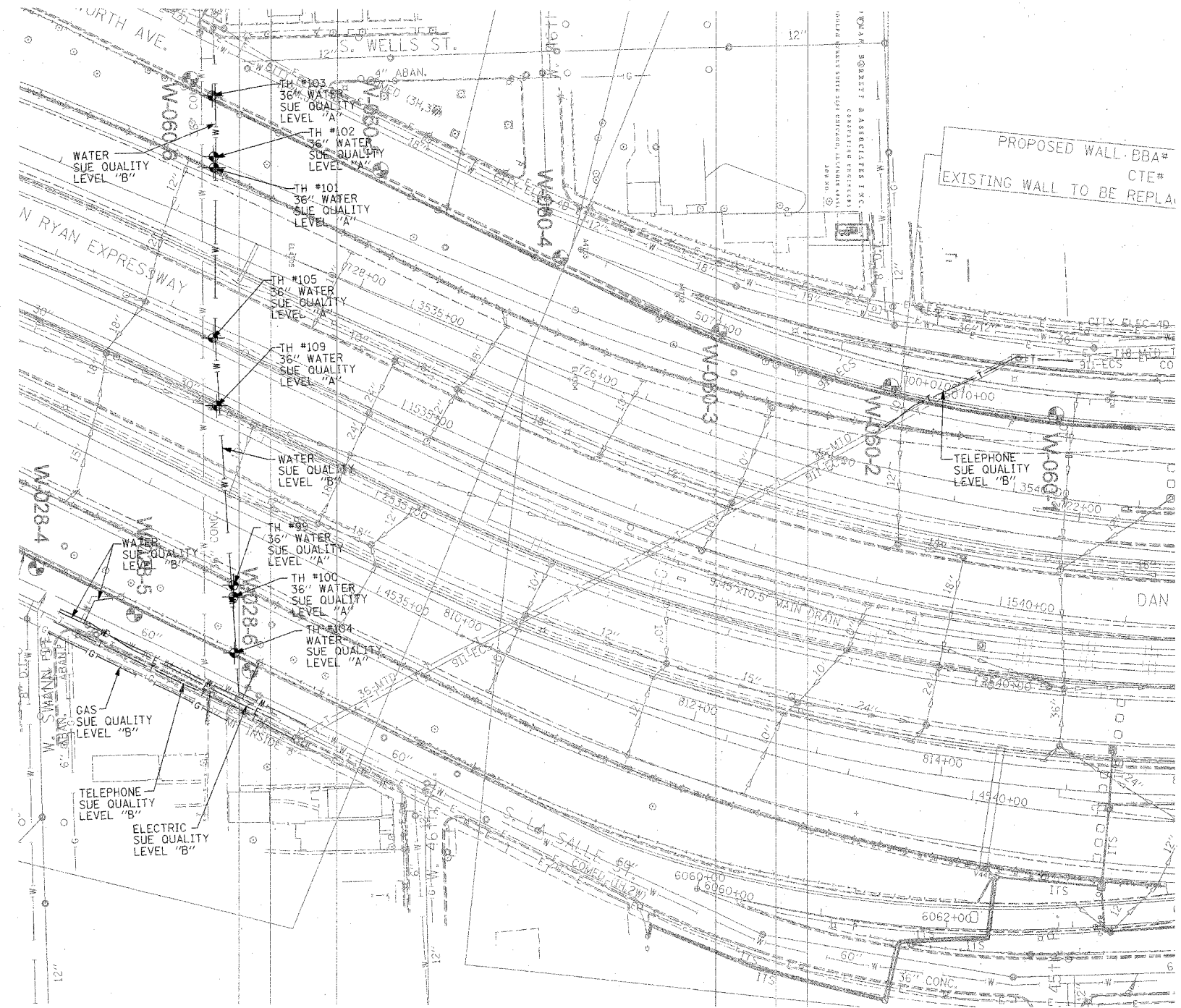
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUE Investigation of Underground Utilities  
 I-90/I-94 Dan Ryan Expressway from  
 I-57, to 69th Street  
 Contract Number: 62590, 62592, 62594

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

DRAWN BY : KLC  
 SCALE : 1" = 50'

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1816, 1717 & 1818-6	Cook	598	246
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 30 of 36  
 Checked by: *[Signature]* 8-98-02  
 SUE Quality Level "A": Test Holes  
 SUE Quality Level "B": Designating

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

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



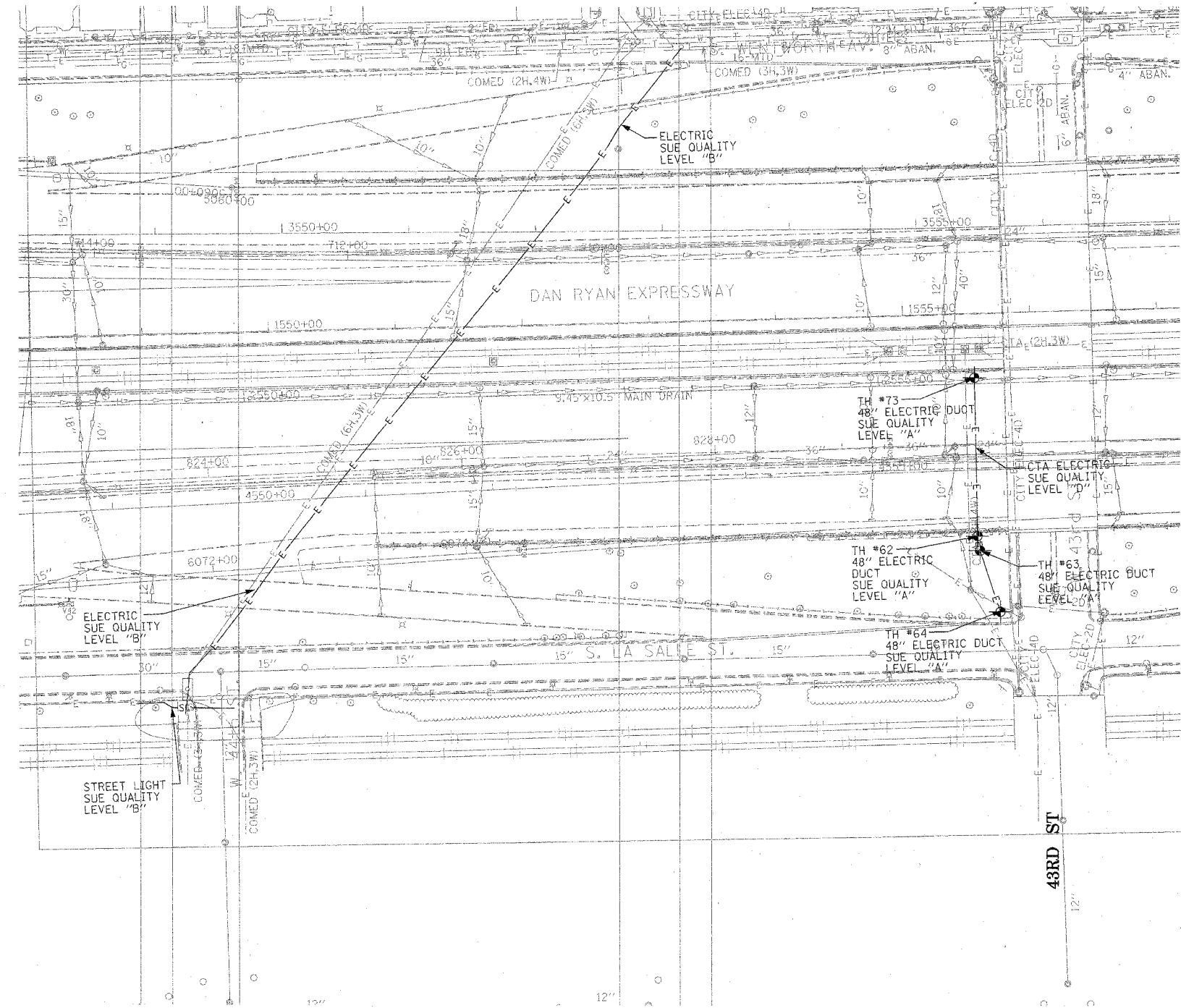
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

REVISIONS	
NAME	DATE

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

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


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0516,1717 & 1818-6		Cook	598	247
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**TBE GROUP, INC.**  
 CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL  
 \* PLANNING \* UTILITY ENGINEERING/LOCATING  
 SOUTHERN REGION: FL, GA, SC, NC  
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY  
 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA  
 IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 31 of 36  
 Checked by: *[Signature]*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

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

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

REVISIONS	
NAME	DATE

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

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



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516.11717 & 18181-6	Cook	598	248
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

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

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

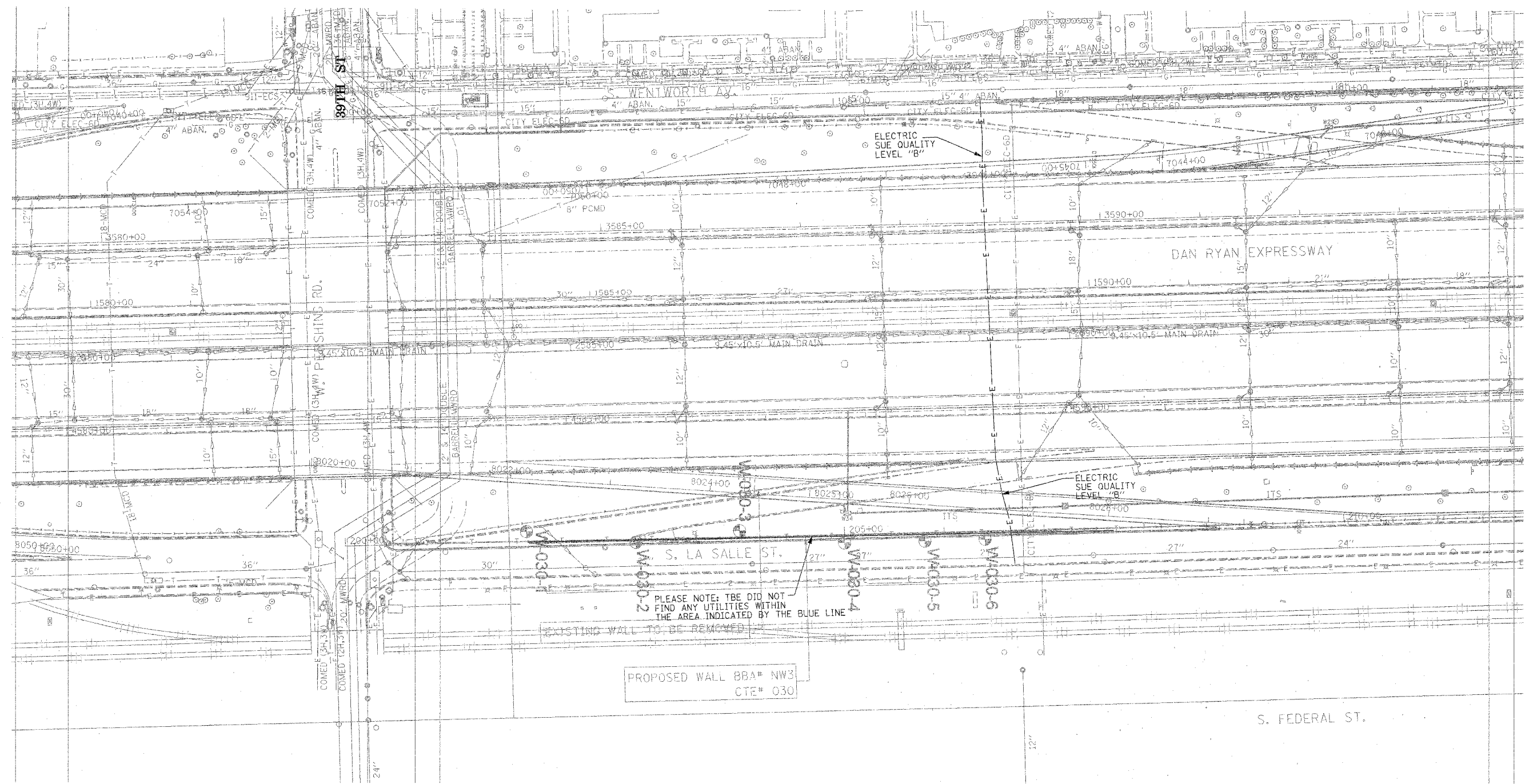
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

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

REVISIONS	
NAME	DATE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0516.11717 & 1818-6		Cook	598	249
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLEASE NOTE: TBE DID NOT FIND ANY UTILITIES WITHIN THE AREA INDICATED BY THE BLUE LINE  
EXISTING WALL TO BE REMOVED

PROPOSED WALL BBA# NW3  
CTE# 030



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

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
TBE SUE PAGE NO: 33 of 36  
Checked by: *[Signature]*  
SUE Quality Level "A" : Test Holes  
SUE Quality Level "B" : Designating

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

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

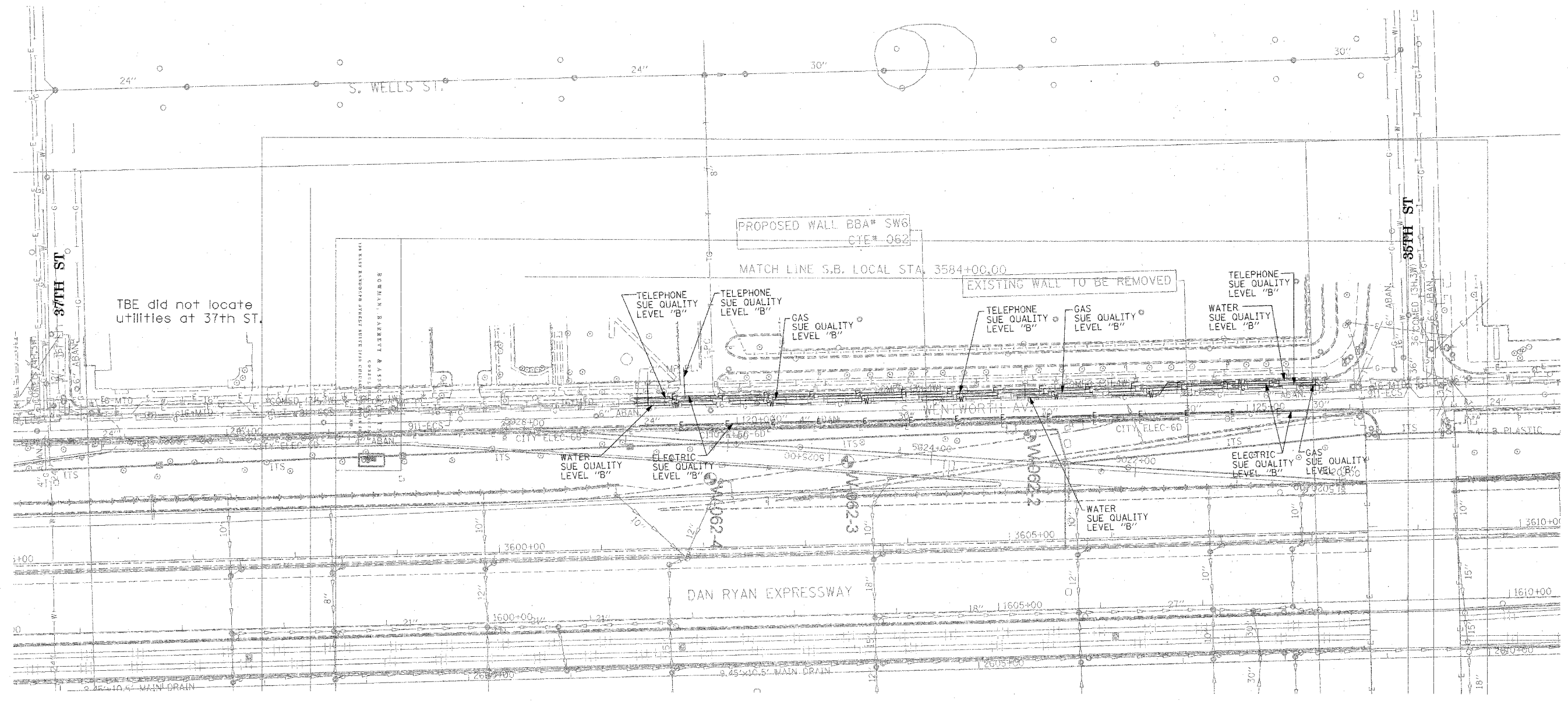
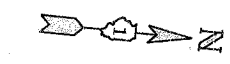
205 W. WACKER DRIVE  
SUITE 1020  
CHICAGO, IL 60606  
(312) 704-1970

REVISIONS	
NAME	DATE

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516J,1177 & 1818-6	Cook	518	250
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TBE did not locate utilities at 37th ST.

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



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

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 34 of 36  
 Checked by: *[Signature]* E-9802  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

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

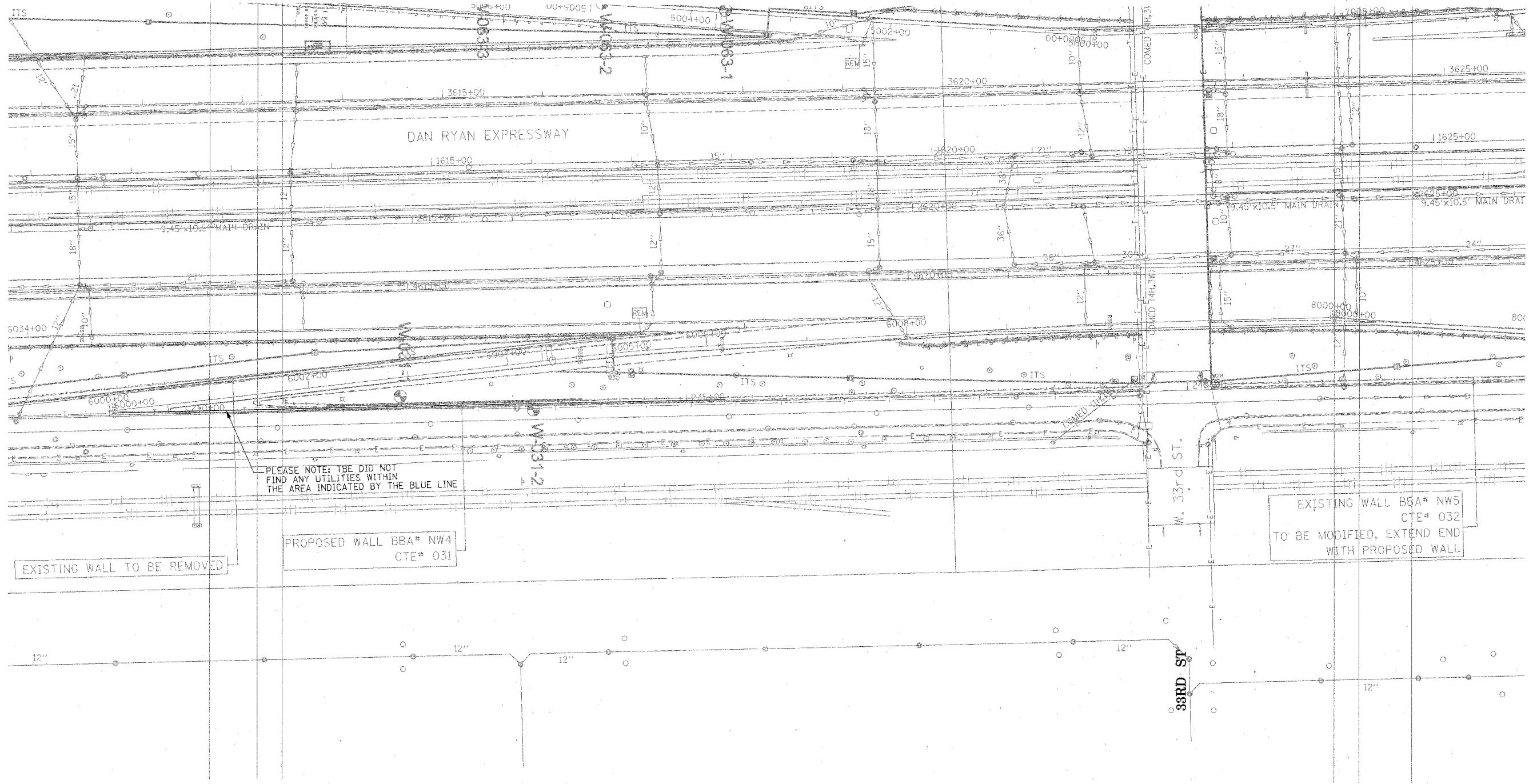


205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

REVISIONS	
NAME	DATE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0516, 1117 & 1818-6		Cook	518	251
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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

EXISTING WALL TO BE REMOVED

PROPOSED WALL BBA# NW4 CTE# 031

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



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

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 35 of 36  
 Checked by: *M. J. Jones E-9802*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

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

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

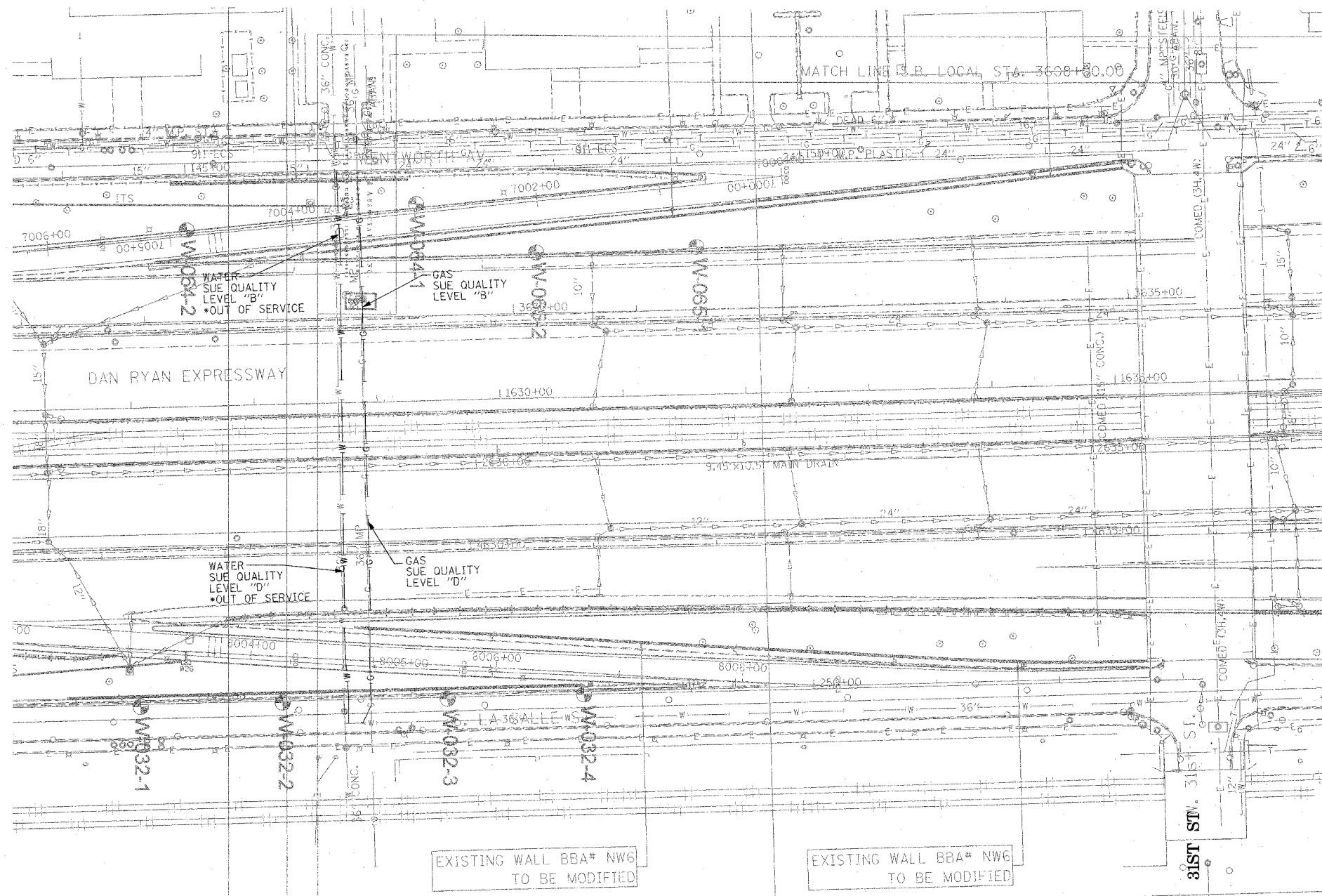
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUE Investigation of Underground Utilities  
 I-90/I-94 Dan Ryan Expressway from  
 I-57 to 65th Street  
 Contract Number: 62590, 62592, 62594  
 SOL "B" DATE : 7/22/04  
 DRAWN BY : KLC  
 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516,1177 & 1818-6	Cook	518	252
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			




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

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

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

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

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

REVISIONS	
NAME	DATE

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

TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.  
 \*At the time of Quality Level "B" SUE services, the water lines were active. The lines, however, are now expected to be out of service per IDOT.



VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
1	20" G	1867123.035	1175606.560	-1.85	1.50	-0.35	SUE QUALITY LEVEL "A"
2	12" W	1867115.884	1175606.924	-1.53	1.13	-0.40	SUE QUALITY LEVEL "A"
3	20" G	1867122.650	1175602.392	-0.08	0.69	0.61	SUE QUALITY LEVEL "A"
4	20" G	1867122.945	1175609.366	-6.36	5.41	-0.95	SUE QUALITY LEVEL "A"
5	20" G	1867132.835	1175901.810	-4.63	3.39	-1.24	SUE QUALITY LEVEL "A"
6	20" G	1867132.928	1175905.856	-2.34	2.74	0.40	SUE QUALITY LEVEL "A"
7	20" G	1867132.947	1175910.232	0.11	1.93	2.04	SUE QUALITY LEVEL "A"
8	20" G	1867132.990	1175897.762	-5.44	3.49	-1.95	SUE QUALITY LEVEL "A"
1A	20" G	1861211.910	1177445.200	15.85	3.65	19.50	SUE QUALITY LEVEL "A"
2A	8" W	1861211.860	1177441.360	14.70	4.87	19.57	SUE QUALITY LEVEL "A"
3A	6" G	1861211.740	1177450.260	15.19	4.18	19.37	SUE QUALITY LEVEL "A"
4A	6" G	1861598.210	1177437.850	15.50	4.43	19.93	SUE QUALITY LEVEL "A"
5A	20" G	1861598.200	1177433.420	17.22	2.82	20.04	SUE QUALITY LEVEL "A"
6A	8" W	1861597.270	1177429.100	15.66	4.42	20.08	SUE QUALITY LEVEL "A"
7A	SEE NOTE	1862113.690	1176035.420	—	7.29	0.33	SEE NOTE
8A	SEE NOTE	1862704.020	1176033.590	-6.74	5.31	-1.43	SUE QUALITY LEVEL "A"
9	16" G	1863104.250	1175969.140	-2.44	4.55	2.11	SUE QUALITY LEVEL "A"
10	16" G	1863104.500	1175976.510	-1.83	5.77	3.94	SUE QUALITY LEVEL "A"
11	16" G	1863104.750	1175982.670	0.42	5.48	5.90	SUE QUALITY LEVEL "A"
12	*42" E	1863114.170	1175968.110	-2.35	4.64	2.29	SUE QUALITY LEVEL "A"
13	*42" E	1863114.830	1175975.120	-2.35	6.43	4.08	SUE QUALITY LEVEL "A"
14	*42" E	1863116.050	1175983.240	-2.34	9.02	6.68	SUE QUALITY LEVEL "A"
14A	12" W	1863125.770	1175969.560	-2.99	5.96	2.97	SUE QUALITY LEVEL "A"
15	2x*18" BT	1863258.330	1175962.750	-6.25	9.98	3.73	SUE QUALITY LEVEL "A"
16	2X*18" BT	1863256.850	1175970.740	-3.14	9.44	6.30	SUE QUALITY LEVEL "A"
17	2x*18" BT	1863255.680	1175981.210	-3.00	12.97	9.97	SUE QUALITY LEVEL "A"
18	2x*18" BT	1863254.030	1175661.690	-5.00	8.95	3.95	SUE QUALITY LEVEL "A"
19	2x*18" BT	1863252.560	1175654.200	-4.38	11.01	6.63	SUE QUALITY LEVEL "A"
20	2x*18" BT	1863250.510	1175644.060	-3.62	13.39	9.77	SUE QUALITY LEVEL "A"
21	*42" E	1863105.180	1175669.260	0.89	3.54	4.43	SUE QUALITY LEVEL "A"
22	*42" E	1863105.160	1175660.820	-1.00	7.50	6.50	SUE QUALITY LEVEL "A"

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
23	*42" E	1863105.310	1175651.280	-0.63'	10.05'	9.42'	SUE QUALITY LEVEL "A"
24	16" G	1863097.580	1175669.900	0.15'	4.36'	4.51'	SUE QUALITY LEVEL "A"
25	16" G	1863097.130	1175661.950	1.09'	5.01'	6.10'	SUE QUALITY LEVEL "A"
26	16" G	1863096.690	1175655.260	1.53'	6.63'	8.16'	SUE QUALITY LEVEL "A"
27	*18" BT	1865094.940	1175582.150	0.35'	11.57'	11.92'	SUE QUALITY LEVEL "A"
28	*18" BT	1865097.810	1175578.180	1.03'	12.10'	13.13'	SUE QUALITY LEVEL "A"
29	*18" BT	1865100.160	1175573.950	2.11'	12.35'	14.46'	SUE QUALITY LEVEL "A"
30	*36" E	1865099.910	1175578.500	-3.55'	16.71'	13.16'	SUE QUALITY LEVEL "A"
31	*36" E	1865103.162	1175573.669	-2.89'	17.47'	14.58'	SUE QUALITY LEVEL "A"
32	*36" E	1865097.615	1175581.930	-3.91'	15.88'	11.97'	SUE QUALITY LEVEL "A"
33	*36" E	1865124.435	1175973.073	0.82'	13.43'	14.25'	SUE QUALITY LEVEL "A"
34	*18" BT	1865090.975	1175932.544	-4.41'	6.37'	1.96'	SUE QUALITY LEVEL "A"
35	*36" E	1865105.924	1175934.833	-4.59'	7.05'	2.46'	SUE QUALITY LEVEL "A"
36	*36" E	1865120.467	1175968.691	-0.94'	14.14'	13.20'	SUE QUALITY LEVEL "A"
37	*18" BT	1865098.448	1175972.477	2.26'	10.37'	12.63'	SUE QUALITY LEVEL "A"
38	*18" BT	1865095.321	1175968.307	-0.23'	12.22'	11.99'	SUE QUALITY LEVEL "A"
39	See Note G	1873623.853	1175722.432	—	16.00'	12.60'	CLEARANCE DEPTH
40	20" G	1873624.086	1175713.696	-6.36'	16.78'	10.42'	SUE QUALITY LEVEL "A"
41	20" G	1873629.270	1175680.376	-10.19'	9.14'	-1.05'	SUE QUALITY LEVEL "A"
42	20" G	1873630.734	1175671.020	-12.73'	9.01'	-3.72'	SUE QUALITY LEVEL "A"
43	20" G	1873631.833	1175664.164	-13.65'	7.75'	-5.90'	SUE QUALITY LEVEL "A"
44	20" G	1873662.688	1175369.141	-3.90'	4.72'	0.82'	SUE QUALITY LEVEL "A"
45	20" G	1873663.608	1175361.458	-2.90'	5.76'	2.86'	SUE QUALITY LEVEL "A"
46	20" G	1873664.488	1175351.804	-0.50'	5.98'	5.48'	SUE QUALITY LEVEL "A"
47	20" G	1873661.260	1175377.470	-4.21'	3.61'	-0.60'	SUE QUALITY LEVEL "A"
48	*36" E	1865096.950	1175617.420	-3.95'	5.91'	1.96'	SUE QUALITY LEVEL "A"
48A	(3)12" UNK	1865098.890	1175616.560	-1.25'	3.20'	1.95'	
49	20" G	1873654.520	1175434.880	-6.86'	4.54'	-2.32'	SUE QUALITY LEVEL "A"
50	*36" E	1865097.950	1175663.360	-4.48'	6.85'	2.37'	SUE QUALITY LEVEL "A"
51	*18" BT	1865085.150	1175663.290	-5.46'	7.73'	2.27'	SUE QUALITY LEVEL "A"
52	*18" BT	1865085.030	1175617.240	-4.60'	6.57'	1.97'	SUE QUALITY LEVEL "A"

TBE Project Information

\* Size given is duct width only.  
 TH#7A unable to determine object found due to water & soil collapsing.  
 TH#8A found old wood RR ties laid straight in direction of duct. Could not expose utility, however, SBC confirmed that the duct is directly below RR ties. The existing cut is to top of RR ties.  
 TH#39 TBE could not physically see gas main. Dug to 16' got electronic depth of 19.5'.

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.

Illinois Department of Transportation

I-90 /94 (NB & SB of Dan Ryan Expressway)  
 Chicago-Cook County  
 Sec No: (2122-921 PT1) R, (2021-922 PT1,2)  
 Contract No. 62586, 62589, 62693, 62694, 62695  
 TBE Project No.: IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
6-15-05	ELC	REMOVE QL "A" FROM TH#48A									



VERIFIED UTILITY LOCATIONS

Handwritten signature: H. U. Jones E-9802

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
53	*18" BT	1865113.010	1175555.020	4.67'	14.33'	19.00'	SUE QUALITY LEVEL "A"
54	See Note E	1865117.050	1175555.790	—	18.59'	18.99'	CLEARANCE DEPTH ONLY
55	*18" BT	1865108.400	1175989.320	9.85'	9.02'	18.87'	SUE QUALITY LEVEL "A"
55A	24" SAN	1865109.300	1175987.610	11.77'	7.10'	18.87'	SUE QUALITY LEVEL "A"
56	*36" E	1865136.380	1175984.770	3.20'	15.68'	18.88'	SUE QUALITY LEVEL "A"
56A	24" SAN	1865138.320	1175986.600	11.93'	6.92'	18.85'	SUE QUALITY LEVEL "A"
57	*18" BT	1865091.120	1175928.050	-5.77'	7.13'	1.36'	SUE QUALITY LEVEL "A"
58	*36" E	1865105.640	1175928.120	-4.59'	6.03'	1.44'	SUE QUALITY LEVEL "A"
59	*36" E	1865104.390	1175856.480	-4.90'	7.41'	2.51'	SUE QUALITY LEVEL "A"
60	*18" BT	1865090.480	1175856.950	-5.29'	7.65'	2.36'	SUE QUALITY LEVEL "A"

MAN HOLE #	TYPE	NORTHING	EASTING	TOP OF UTILITY	EXISTING CUT	REFERENCE MH RIM ELEVATION	COMMENTS
61	Telephone	1863240.510	1175610.790	*1.41'	19.13'	20.54'	SUE QUALITY LEVEL "A"

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
62	*48" E	1876425.900	1176044.730	-6.88'	3.44'	-3.44'	SUE QUALITY LEVEL "A"
63	*48" E	1876427.860	1176056.140	-4.87'	4.14'	-0.73'	SUE QUALITY LEVEL "A"
64	*48" E	1876443.770	1176104.400	4.13'	8.39'	12.52'	SUE QUALITY LEVEL "A"
65	*48" E	1863237.110	1175774.930	-1.66'	4.62'	2.96'	SUE QUALITY LEVEL "A"
66	*48" E	1841495.350	1177598.790	8.42'	7.24'	15.66'	SUE QUALITY LEVEL "A"
67	*48" E	1852792.550	1177384.230	-10.35'	4.37'	-5.98'	SUE QUALITY LEVEL "A"
68	*48" E	1852792.730	1177375.900	-8.91'	4.03'	-4.88'	SUE QUALITY LEVEL "A"
69	*48" E	1841506.530	1177600.310	7.60'	8.15'	15.75'	SUE QUALITY LEVEL "A"
70	*48" E	1852792.330	1177435.710	-12.58'	5.65'	-6.93'	SUE QUALITY LEVEL "A"
71	*28" E	1841906.380	1177641.010	12.54'	3.46'	16.00'	SUE QUALITY LEVEL "A"
72	*48" E	1852791.510	1177336.410	1.83'	7.76'	9.59'	SUE QUALITY LEVEL "A"
73	*48" E	1876423.560	1175920.080	-12.48'	8.82'	-3.66'	SUE QUALITY LEVEL "A"
74	*48" E	1863227.820	1175613.390	8.97'	11.23'	20.20'	SUE QUALITY LEVEL "A"
75	*48" E	1841508.250	1177677.360	-7.19'	4.61'	-2.58'	SUE QUALITY LEVEL "A"
76	*48" E	1841493.000	1177684.360	-7.65'	4.53'	-3.12'	SUE QUALITY LEVEL "A"
77	*48" E	1841492.150	1177692.100	-7.95'	7.02'	-0.93'	SUE QUALITY LEVEL "A"

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
78	*48" E	1841506.430	1177692.980	-8.94'	7.98'	-0.96'	SUE QUALITY LEVEL "A"
79	*48" E	1841510.920	1177755.020	-9.22'	10.16'	0.94'	SUE QUALITY LEVEL "A"
80	SEE NOTE E	1841493.150	1177753.350	—	7.88'	1.00'	CLEARANCE DEPTH ONLY
81	SEE NOTE E	1852793.298	1177394.984	-11.95'	4.69'	-7.26'	SUE QUALITY LEVEL "A"
82	*48" E	1863234.932	1175653.520	-0.86'	7.66'	6.80'	SUE QUALITY LEVEL "A"
83	*48" E	1863235.070	1175661.514	-1.64'	5.94'	4.31'	SUE QUALITY LEVEL "A"
84	36" W	1839944.740	1178217.900	-5.13'	2.96'	-2.17'	SUE QUALITY LEVEL "A"
85	36" W	1839889.120	1178193.100	-13.96'	8.61'	-5.35'	SUE QUALITY LEVEL "A"
86	36" W	1839415.910	1178025.040	-1.59'	3.05'	1.46'	SUE QUALITY LEVEL "A"
87	16" UNK	1839528.800	1178066.220	-3.15'	10.03'	6.88'	
88	24" TEL	1839826.880	1178316.500	-6.59'	7.19'	0.60'	SUE QUALITY LEVEL "A"
89	SEE NOTE TEL	1839836.600	1178319.800	-5.49'	5.98'	0.49'	
90	SEE NOTE TEL	1839793.600	1178305.180	—	13.65'	0.40'	CLEARANCE DEPTH ONLY
91	24" TEL	1844059.140	1177578.380	13.58'	2.89'	16.47'	SUE QUALITY LEVEL "A"
92	36" W	1839745.710	1178145.690	-18.57'	9.32'	-9.25'	SUE QUALITY LEVEL "A"
93	24" BT	1844060.690	1177635.830	-6.44'	7.25'	0.81'	SUE QUALITY LEVEL "A"
94	24" BT	1844060.680	1177625.600	-3.42'	6.54'	3.12'	SUE QUALITY LEVEL "A"
95	16" W	1839246.750	1178863.580	-6.12'	3.82'	-2.30'	SUE QUALITY LEVEL "A"
96	SEE NOTE W	1838928.400	1178898.950	—	10.80'	-1.39'	CLEARANCE DEPTH ONLY
97	18" BT				6.12'		NOT SURVEYED
98	20" BT	1841825.960	1177936.970	6.82'	8.10'	14.92'	SUE QUALITY LEVEL "A"
99	36" W	1874261.670	1175871.220	-1.10'	3.83'	2.73'	SUE QUALITY LEVEL "A"
100	36" W	1874261.650	1175880.560	1.35'	3.90'	5.25'	SUE QUALITY LEVEL "A"
101	36" W	1874245.970	1175540.410	-2.86'	4.69'	1.83'	SUE QUALITY LEVEL "A"
102	36" W	1874245.820	1175531.730	-0.50'	4.56'	4.06'	SUE QUALITY LEVEL "A"
103	36" W	1874244.500	1175483.430	11.43'	4.34'	15.77'	SUE QUALITY LEVEL "A"
104	SEE NOTE W	1874262.410	1175925.500	13.62'	3.18'	16.80'	SUE QUALITY LEVEL "A"
105	36" W	1874245.260	1175675.910	-2.22'	2.72'	0.50'	SUE QUALITY LEVEL "A"
106	18" BT	1847350.430	1177491.230	-0.33'	8.75'	8.42'	SUE QUALITY LEVEL "A"
107	SEE NOTE BT	1847365.000	1177775.620	—	16.79'	7.85'	CLEARANCE DEPTH ONLY
108	24" BT	1844064.680	1177880.760	6.97'	9.52'	16.49'	SUE QUALITY LEVEL "A"
109	36" W	1874248.230	1175729.730	-1.93'	3.19'	1.26'	SUE QUALITY LEVEL "A"

TBE Project Information

\* Size given is duct width only.  
 TH#54 TBE could not reach utility due to depth, Clearance given.  
 MH#61 Man Hole elevation to top of phone cables exiting man hole.  
 TH#80 Could not expose utilities due to extremely hard clay. Clearance depth of 7.88' given.  
 TH#81 Appears to be a 34" poured in place concrete cap over CTA conduit.  
 TH#87 found a 16" pipe but was unable to see it due to water table. Probed another 3' down past pipe, unable to find 36" w/m electronic Depth 24'  
 TH#89 Utility not exposed due to excessive water in hole.  
 TH#90 Utility not exposed, clearance depth of 13.65'.  
 TH#96 Utility not exposed, clearance depth of 10.80'.  
 TH#97 Reference point destroyed by construction crews before survey could be completed. Material was unidentifiable.  
 TH#104 Concrete cap poured over utility.  
 TH#107 Utility not exposed, clearance depth of 16.79'.

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.

Illinois Department of Transportation  
 I-90 /94 (NB & SB of Dan Ryan Expressway)  
 Chicago-Cook County  
 Sec No: (2122-921 PT1) R, (2021-922 PT1,2)  
 Contract No. 62586, 62589, 62693, 62694, 62695  
 TBE Project No.: IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232

REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
6-16-06	KLC	REMOVE QL "A" FROM TH#87 & 89									

J. Johnson E-9802



VERIFIED UTILITY LOCATIONS

VERIFIED UTILITY INFORMATION

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
110	24" BT	1841825.430	1177895.600	-4.15'	4.72'	0.57'	SUE QUALITY LEVEL "A"
111	24" BT	1841825.960	1177908.730	1.05'	4.44'	5.49'	SUE QUALITY LEVEL "A"
112	SEE NOTE BT	1844068.060	1177841.750	---	6.79'	2.89'	CLEARANCE DEPTH ONLY
113	SEE NOTE BT	1844066.820	1177850.390	---	8.03'	5.95'	CLEARANCE DEPTH ONLY
114	24" BT	1847363.280	1177733.270	-13.55'	5.33'	-8.22'	SUE QUALITY LEVEL "A"
115	24" BT	1847363.890	1177740.570	-12.87'	7.00'	-5.87'	SUE QUALITY LEVEL "A"
116	24" BT	1847364.010	1177750.010	-13.15'	10.51'	-2.64'	SUE QUALITY LEVEL "A"
117	24" BT	1847354.070	1177540.800	-12.62'	4.98'	-7.64'	SUE QUALITY LEVEL "A"
118	24" BT	1847354.020	1177532.210	-11.52'	4.52'	-7.00'	SUE QUALITY LEVEL "A"
119	24" BT	1841818.360	1177704.030	-6.42'	4.55'	-1.87'	SUE QUALITY LEVEL "A"
120	24" BT	1841818.190	1177694.600	-5.43'	5.12'	-0.31'	SUE QUALITY LEVEL "A"
121	24" E	1844061.030	1177617.950	-1.50'	6.67'	5.17'	SUE QUALITY LEVEL "A"
122	(3) 1" E	1840742.250	1177446.860	10.93'	4.47'	15.40'	SUE QUALITY LEVEL "A"
123	(2) 2.5" E	1840753.910	1177452.070	12.73'	2.88'	15.61'	SUE QUALITY LEVEL "A"
124	2" BT	1840831.420	1177479.340	13.17'	2.57'	15.74'	SUE QUALITY LEVEL "A"
125	2" E	1840820.710	1177506.720	5.90'	3.01'	8.91'	SUE QUALITY LEVEL "A"
126	2" E	1840804.920	1177597.800	0.06'	3.54'	3.60'	SUE QUALITY LEVEL "A"
127	(3) 1" E	1840788.150	1177588.790	0.28'	3.56'	3.84'	SUE QUALITY LEVEL "A"
128	2" E	1840818.210	1177530.500	0.02'	1.85'	1.87'	SUE QUALITY LEVEL "A"
129	2" E	1840816.460	1177545.960	0.42'	1.74'	2.16'	SUE QUALITY LEVEL "A"
130	SEE NOTE BT	1839700.920	1178266.540	---	10.98'	-7.69'	CLEARANCE DEPTH ONLY
131	SEE NOTE BT	1839752.990	1178287.460	---	11.56'	-8.92'	CLEARANCE DEPTH ONLY
132	18" G	1852714.050	1177342.550	0.87'	7.94'	8.81'	SUE QUALITY LEVEL "A"
133	18" G	1852719.380	1177340.460	1.09'	8.36'	9.45'	SUE QUALITY LEVEL "A"
134	8" G	1847348.900	1177540.960	-13.64'	6.05'	-7.59'	SUE QUALITY LEVEL "A"
135	8" G	1847348.540	1177532.100	-11.04'	4.42'	-6.62'	SUE QUALITY LEVEL "A"
136	8" G	1847347.120	1177490.770	1.16'	7.28'	8.44'	
137	18" G	1852715.850	1177387.130	-13.52'	7.22'	-6.30'	SUE QUALITY LEVEL "A"
138	18" G	1852720.360	1177378.410	-11.64'	7.05'	-4.59'	SUE QUALITY LEVEL "A"
139	18" G	1852715.890	1177378.870	-10.80'	6.30'	-4.50'	SUE QUALITY LEVEL "A"
140	18" G	1852720.130	1177387.470	-13.53'	7.46'	-6.07'	SUE QUALITY LEVEL "A"

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
141	8" G	1847360.470	1177779.600	3.77'	4.76'	8.53'	SUE QUALITY LEVEL "A"
142	18" G	1852731.450	1177624.740	-0.09'	9.49'	9.40'	SUE QUALITY LEVEL "A"
143	18" G	1852724.450	1177627.310	-1.19'	10.92'	9.73'	SUE QUALITY LEVEL "A"
144	34" BT	1853977.420	1177596.570	1.18'	8.13'	9.31'	SUE QUALITY LEVEL "A"
145	18" G	1852725.400	1177579.740	-14.03'	6.32'	-7.71'	
146	18" G	1852729.670	1177579.630	-14.36'	6.93'	-7.43'	
147	18" G	1852729.620	1177588.130	-12.06'	7.15'	-4.91'	SUE QUALITY LEVEL "A"
148	18" G	1852725.710	1177589.950	-11.85'	7.38'	-4.47'	SUE QUALITY LEVEL "A"
149	8" G	1847359.120	1177733.980	-13.27'	4.96'	-8.31'	SUE QUALITY LEVEL "A"
150	8" G	1847359.090	1177742.040	-10.62'	5.02'	-5.60'	SUE QUALITY LEVEL "A"
151	34" BT	1853976.090	1177565.940	-2.85'	4.64'	1.79'	SUE QUALITY LEVEL "A"
152	34" BT	1853965.300	1177212.750	1.75'	6.56'	8.31'	SUE QUALITY LEVEL "A"
153	34" BT	1853967.560	1177268.590	-5.31'	4.54'	-0.77'	SUE QUALITY LEVEL "A"
154	34" BT	1853974.820	1177507.770	-7.53'	5.75'	-1.78'	SUE QUALITY LEVEL "A"
155	34" BT	1853976.540	1177529.050	-4.24'	5.72'	1.48'	SUE QUALITY LEVEL "A"
156	34" BT	1853967.230	1177304.800	-5.16'	4.11'	-1.05'	SUE QUALITY LEVEL "A"
157	30" G	1839844.630	1178297.170	-11.94'	11.58'	-0.36'	SUE QUALITY LEVEL "A"
158	30" G	1839771.030	1178274.550	-15.29'	6.58'	-8.71'	SUE QUALITY LEVEL "A"
159	30" G	1839779.300	1178277.090	-15.12'	6.55'	-8.57'	SUE QUALITY LEVEL "A"
160	N/A G	1839815.630	1178285.320	---	7.00'	-7.56'	CLEARANCE ONLY
161	30" G	1839683.380	1178240.910	-8.79'	10.86'	-19.65'	
162	N/A G	1839720.200	1178252.850	---	7.00'	-14.44'	CLEARANCE ONLY
163	30" G	1839633.400	1178223.490	-10.63'	6.14'	-16.77'	
164	30" G	1839624.490	1178220.270	-10.23'	6.61'	-16.84'	

TBE Project Information

TH#112 Utility not exposed, clearance depth of 6.79'.  
 TH#113 Utility not exposed, clearance depth of 8.03'.  
 TH#130 Utility not exposed, clearance depth of 10.98'.  
 TH#131 Utility not exposed, clearance depth of 11.56'.  
 TH#136 Unable to expose utility due to hard clay, probed and felt top and side of utility.  
 TH#145 & 146 Unable to expose utility due to water table at 3' +/-, but were able to feel the sides and top.  
 TH#160 & 162 Unable to expose utility due to hard clay, clearance of 7' given.  
 TH#161 Unable to expose utility due to water, but did feel the pipe.  
 TH#163 & 164 Unable to expose utility due to water, but did feel top and sides of 30" pipe.

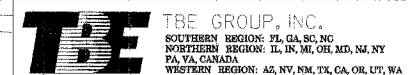
ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.

Illinois Department of Transportation

I-90 /94 (NB & SB of Dan Ryan Expressway)  
 Chicago-Cook County  
 Sec No: (2122-921 PT1) R, (2021-922 PTL2)  
 Contract No. 62586, 62589, 62693, 62694, 62695  
 TBE Project No.: IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205,  
 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232

DATE		BY	DESCRIPTION	DATE		BY	DESCRIPTION	DATE		BY	DESCRIPTION	DATE		BY	DESCRIPTION
6-15-05		ELC	REMOVE GL "A" FROM TH#136, 145, 146, 161, 163 & 164. REMOVED TOP OF UTILITY FROM TH#160 & 162												

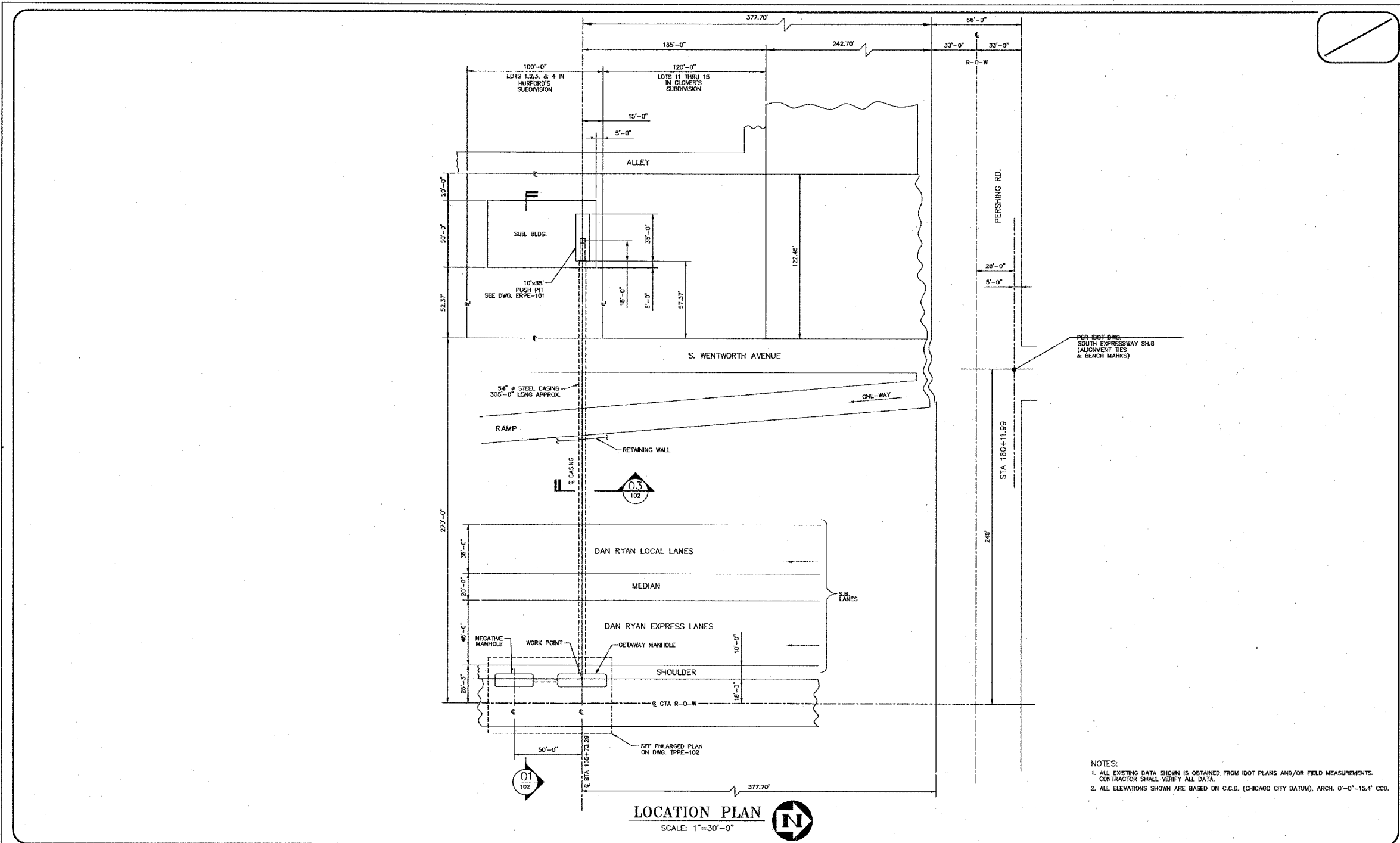
Madame E-9802



VERIFIED UTILITY LOCATIONS



F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	257
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	*1818, ETC. 2324.6-1PR-9			



**NOTES:**  
 1. ALL EXISTING DATA SHOWN IS OBTAINED FROM IDOT PLANS AND/OR FIELD MEASUREMENTS. CONTRACTOR SHALL VERIFY ALL DATA.  
 2. ALL ELEVATIONS SHOWN ARE BASED ON C.C.D. (CHICAGO CITY DATUM), ARCH. 0'-0"=15.4' CDD.

In Charge HS  
 Designed By DP  
 Drawn By VA  
 Checked By DP  
 Approved By HS

**LDP**  
 Laramore, Douglass And Popham, Inc.  
 Consulting Engineers  
 IN ASSOCIATION WITH  
 Rubinos & Mesia Engineers, Inc.  
 Architecture • Engineering • Construction Management  
 Environmental Design International  
 Geotechnical Engineering Corporation  
 Ground Engineering Consultants

No.	Date	Revision	App'd
1	05-27-03	ISSUED FOR BIDS	HS



SUBSTATION ENHANCEMENT DAN RYAN-RED LINE  
 PE, 42, 50, PR & 79  
**PERSHING SUBSTATION**  
 DC CABLE GETAWAY LAYOUT-PLAN  
 Scale: AS NOTED Date: 05-27-03 J.O. No.:

Sheet No.  
**TPPE-101**  
 of

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

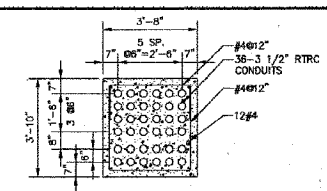
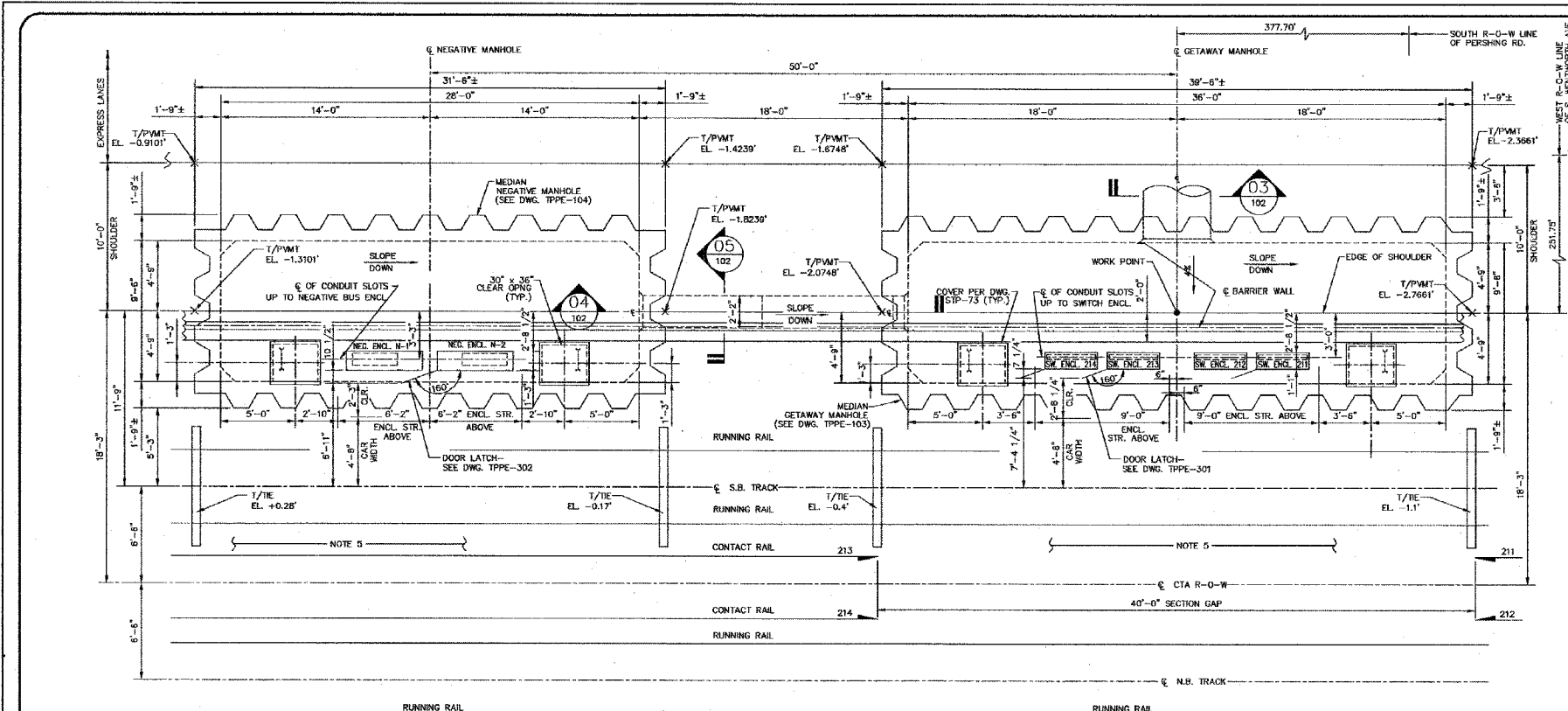
FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

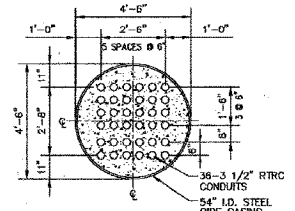
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 CTA PERSHING  
 SUBSTATION PLANS  
 SCALE: NTS DRAWN BY: BDC  
 DATE: 07/07/05 CHECKED BY: JDC



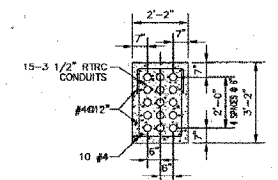
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	258
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	*1818, ETC, 2324.6-1PR-9			



SECTION 02 SCALE: 3/8"=1'-0"

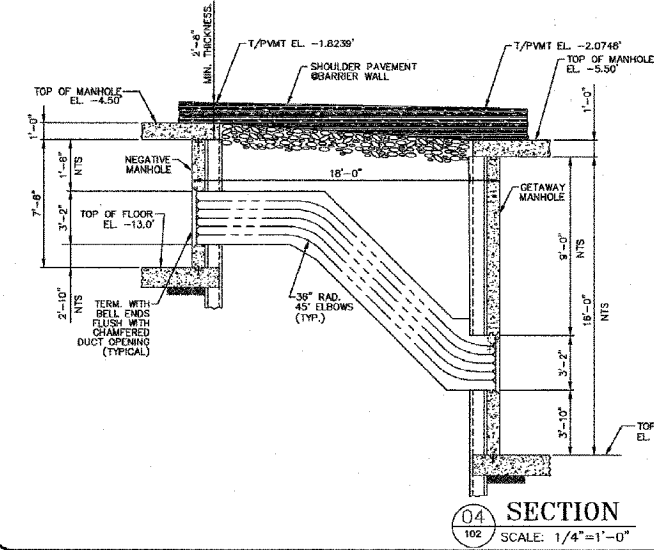


SECTION 03 SCALE: 3/8"=1'-0"

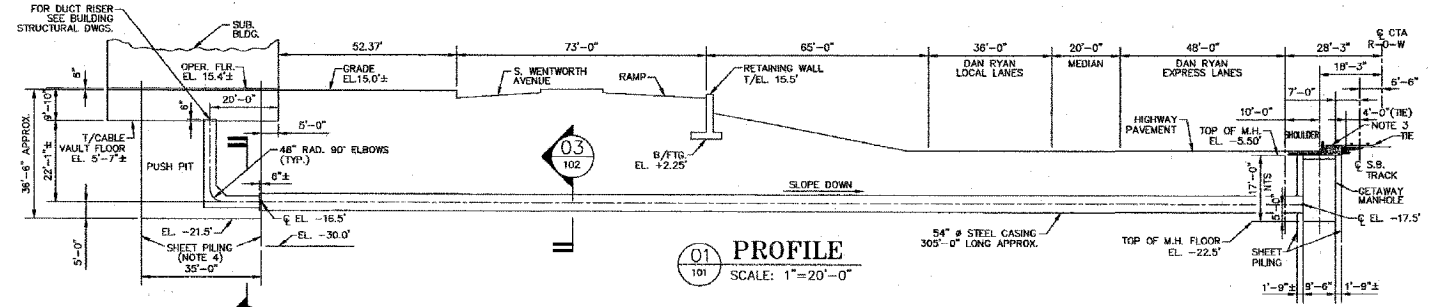


SECTION 05 SCALE: 3/8"=1'-0"

ENLARGED PLAN (TPPE-101) SCALE: 1/4"=1'-0"



SECTION 04 SCALE: 1/4"=1'-0"



PROFILE 01 SCALE: 1"=20'-0"

- NOTES:
- ALL EXISTING DATA SHOWN IS OBTAINED FROM 100' PLANS AND/OR FIELD MEASUREMENTS. CONTRACTOR SHALL VERIFY ALL DATA.
  - ALL ELEVATIONS SHOWN ARE BASED ON C.C.D. (CHICAGO CITY DATUM), ARCH. 0'-0"=15.4' CDD.
  - TOP OF SLAB ON TOP OF MANHOLES WITHIN CTA R-O-W SHALL BE APPROXIMATELY EVEN WITH TOP OF TIES (SEE MANHOLE DWGS).
  - CONTRACTOR SHALL DESIGN PUSH PIT SHEET PILING TO SUIT SOIL CONDITIONS. AFTER DUCT BANK RISER IS INSTALLED CUT TOP OF SHEET PILING 12" DOWN FROM BOTTOM OF SUBSTATION SLAB ELEVATION AND COMPLETELY BACKFILL COVER DAM PUSH PIT WITH CA-6 GRAVEL, COMPACTED TO 95% MODIFIED PROCTOR.
  - FOR DUCTRANKS AND CABLES TO CONTACT RAILS AND IMPEDANCE BONDS SEE HNTB'S "TP" DWGS.

In Charge: HS  
 Designed By: DP  
 Drawn By: VA  
 Checked By: DP  
 Approved By: HS

**LDP**  
 Laramore, Douglass And Popham, Inc.  
 Consulting Engineers  
 IN ASSOCIATION WITH  
 Rubino & Mesa Engineers, Inc.  
 Architects • Engineers • Construction Management  
 Environmental Design International  
 Geotechnical Engineering Corporation  
 Ground Engineering Consultants

No.	Date	Revision	App'd
1	05-27-03	ISSUED FOR BIDS	HS

Chicago Transit Authority  
 Engineering Department

SUBSTATION ENHANCEMENT DAN RYAN - RED LINE  
 PE, 42, 50, PR & 79  
**PERSHING SUBSTATION**  
 DC CABLE GETAWAY LAYOUT-PLAN & SECTIONS  
 Scale: AS NOTED Date: 05-27-03 J.O. No.:

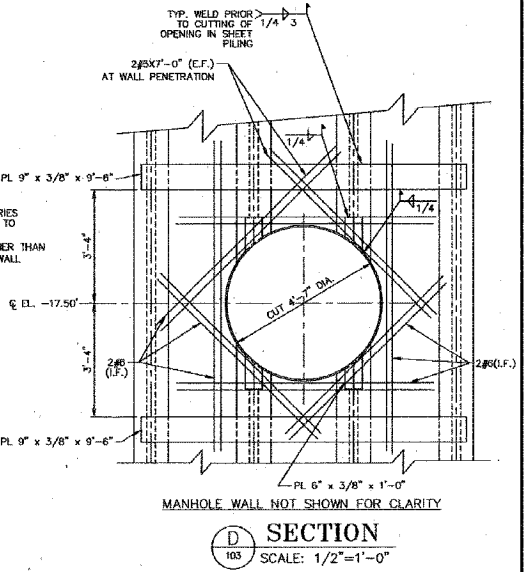
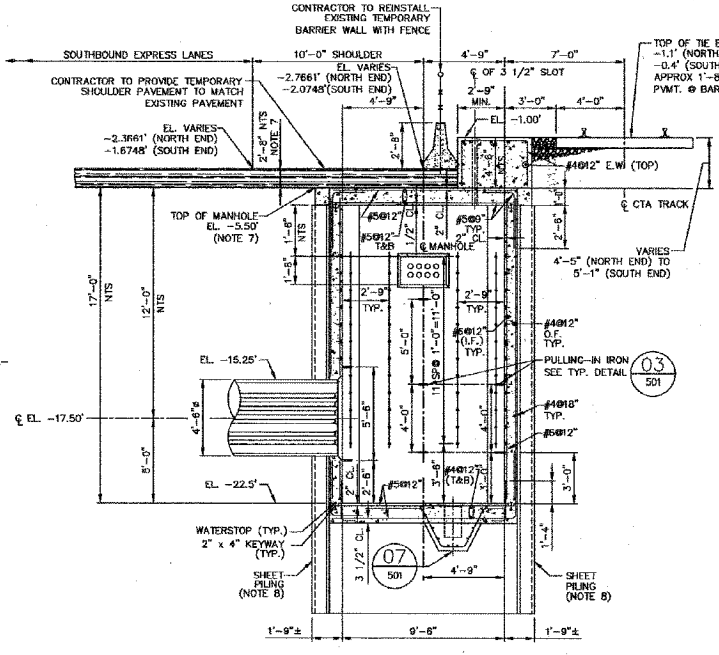
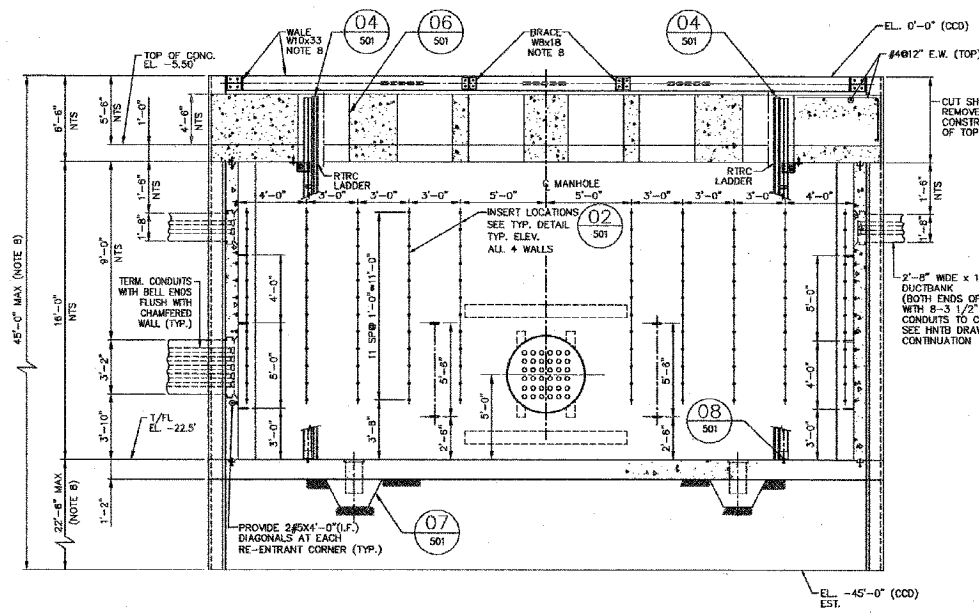
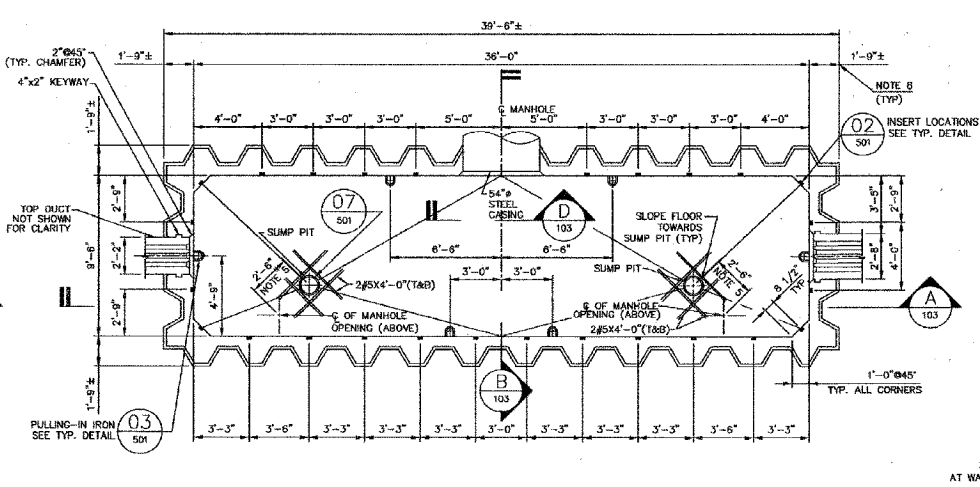
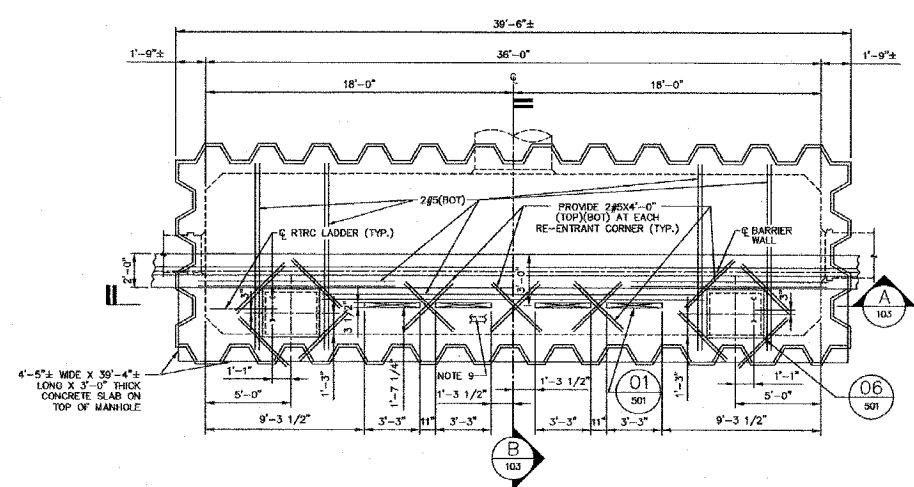
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 CTA PERSHING  
 SUBSTATION PLANS  
 SCALE: NTS DRAWN BY: BDC  
 DATE: 07/07/05 CHECKED BY: JDC

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

FOR INFORMATION ONLY

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	•	COOK	598	259
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302 • (1818, ETC, 2324.6-1PR-9				



- NOTES:
- FOR GENERAL PLAN AND MANHOLE LOCATION SEE DWG. TPPE-101 & TPPE-102.
  - FOR DETAILS OF MANHOLE COMPONENTS SEE DWG. TPPE-501.
  - FOR CABLE RACKING INSIDE MANHOLE SEE DWG. TPPE-105.
  - FOR SWITCH ENCLOSURE ARRANGEMENT AND MOUNTING SEE DWG. TPPE-301.
  - CENTERLINE OF SLUMP PIT SHALL BE LOCATED 2'-0" FROM CENTERLINE OF MANHOLE ON 45°.
  - ALL ELEVATIONS SHOWN ARE CDD (CHICAGO CITY DATUM), ARCH. 0'-0"=15.4' CDD.
  - TO ENSURE MINIMUM SHOULDER PAVEMENT THICKNESS OF 14", 6" BITUMINOUS SUBGRADE AND 12" AGGREGATE SUBGRADE ON TOP OF MANHOLE ON NORTH END IT IS NECESSARY TO SET TOP OF MANHOLE AT EL. -5.50'.
  - SHEET PILING TO BE DESIGNED BY CONTRACTOR AND SIGNED AND SEALED BY A REGISTERED STRUCTURAL ENGINEER FOR CDD'S APPROVAL PRIOR TO CONSTRUCTION. DESIGN SHALL INCLUDE LATERAL PRESSURE CAUSED BY ADJACENT CTA TRACKS AND HIGHWAY TRAFFIC PATTERN AND SIZE OF WALKERS AND BRACES TO BE DESIGNED BY CONTRACTOR.
  - CONTRACTOR SHALL DESIGN 4" MIN. DEEP SHEAR KEYWAY BETWEEN TOP MANHOLE SLAB AND 4"-8" THICK CONCRETE SLAB VERTICAL EXTENSION, AND SLAB REINFORCEMENT WITH RESPECT TO FORCES LISTED IN NOTE 6 ABOVE.

In Charge: HS  
Designed By: DP  
Drawn By: ND  
Checked By: DP  
Approved By: HS

**LDP**  
Laramore, Douglass And Popham, Inc.  
Consulting Engineers  
IN ASSOCIATION WITH  
Rubino & Media Engineers, Inc.  
Architects • Engineers • Construction Management  
Environmental Design International  
Civil/Structural Engineering Corporation  
Ground Engineering Consultants

No.	Date	Revision	App'd
1	05-27-03	ISSUED FOR BIDS	HS

Chicago Transit Authority  
Engineering Department  
**cta**

SUBSTATION ENHANCEMENT DAN RYAN-RED LINE  
PE, 42, 50, PR & 79  
**PERSHING SUBSTATION**  
MEDIAN GETAWAY MANHOLE-STRUCTURAL

Sheet No.  
**TPPE-103**  
of

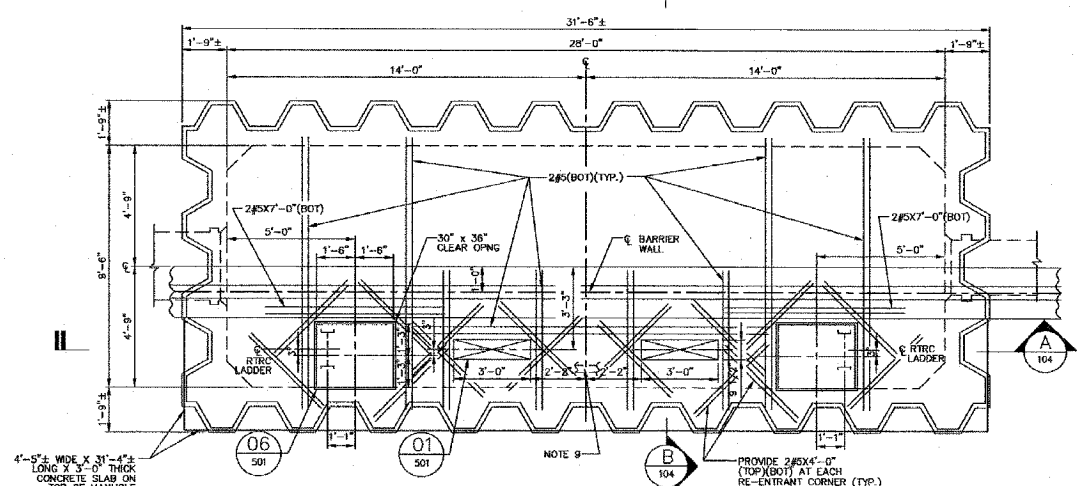
**BOWMAN, BARRETT & ASSOCIATES INC.**  
CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
www.bbainc.com

FOR INFORMATION ONLY

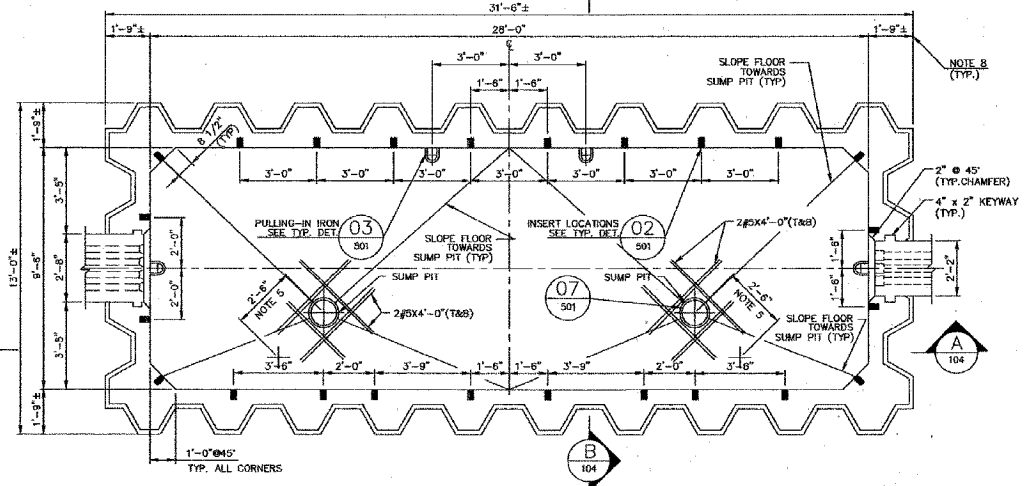
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
CTA PERSHING  
SUBSTATION PLANS  
SCALE: NTS  
DATE: 07/07/05  
DRAWN BY: BDC  
CHECKED BY: JDC

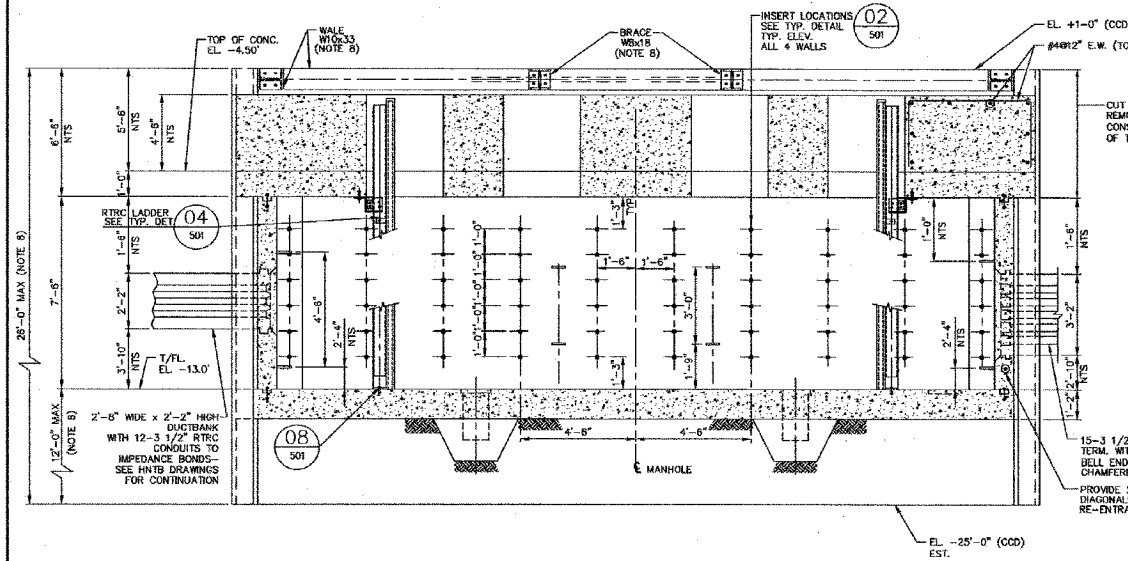
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	260
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	*1818, ETC, 2324.6-1PR-9			



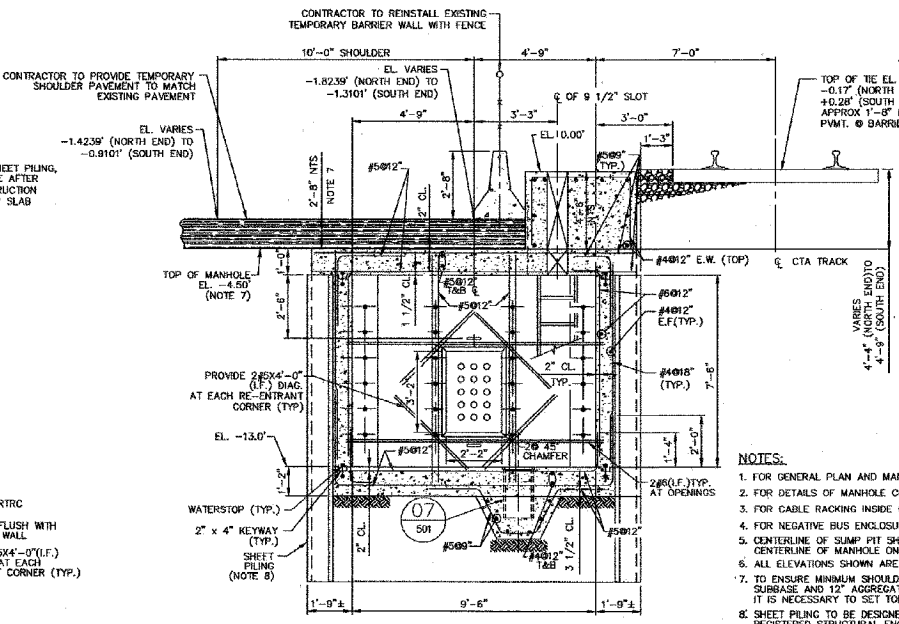
**MANHOLE-TOP PLAN (TPPE-101 & 102)**  
SCALE: 3/8"=1'-0"



**MANHOLE-FLOOR PLAN**  
SCALE: 3/8"=1'-0"



**SECTION A**  
SCALE: 3/8"=1'-0"



**SECTION B**  
SCALE: 3/8"=1'-0"

- NOTES:**
- FOR GENERAL PLAN AND MANHOLE LOCATION SEE DWG. TPPE-101 & TPPE-102.
  - FOR DETAILS OF MANHOLE COMPONENTS SEE DWG. TPPE-501.
  - FOR CABLE RACKING INSIDE MANHOLE SEE DWG. TPPE-106.
  - FOR NEGATIVE BUS ENCLOSURES AND SUPPORT SEE DWG. TPPE-302.
  - CENTERLINE OF SUMP PIT SHALL BE LOCATED 2'-6" FROM CENTERLINE OF MANHOLE ON 45°.
  - ALL ELEVATIONS SHOWN ARE CDD (CHICAGO CITY DATUM), ARCL 0'-0"-15.4' CDD.
  - TO ENSURE MINIMUM SHOULDER PAVEMENT THICKNESS OF 14" 6" BITUMINOUS SUBBASE AND 12" AGGREGATE SUBGRADE ON TOP OF MANHOLE ON NORTH END IT IS NECESSARY TO SET TOP OF MANHOLE AT EL. -4.50'
  - SHEET PILING TO BE DESIGNED BY CONTRACTOR AND SIGNED AND SEALED BY A REGISTERED STRUCTURAL ENGINEER FOR CDD'S APPROVAL PRIOR TO CONSTRUCTION. DESIGN SHALL INCLUDE LATERAL PRESSURE CAUSED BY ADJACENT CTA TRACKS AND HIGHWAY TRAFFIC. PATTERN AND SIZE OF WALERS AND BRACES TO BE DESIGNED BY CONTRACTOR.
  - CONTRACTOR SHALL DESIGN 4" MIN. DEEP SHEAR KEYWAY BETWEEN TOP MANHOLE SLAB AND 4"-4" THICK CONCRETE SLAB VERTICAL EXTENSION AND SLAB REINFORCEMENT WITH RESPECT TO FORCES LISTED IN NOTE 8 ABOVE.

In Charge	HS
Designed By	DP
Drawn By	ND
Checked By	MA
Approved By	HS

**LDP**  
Laramore, Douglass And Popham, Inc.  
Consulting Engineers  
IN ASSOCIATION WITH  
Rubins & Masig Engineers, Inc.  
Architecture • Engineering • Construction Management  
Environmental Design International  
Geotechnical Engineering Corporation  
Ground Engineering Consultants

No.	Date	Revision	App'd
1	05-27-03	ISSUED FOR BIDS	HS

**Chicago Transit Authority**  
Engineering Department  
**cta**

SUBSTATION ENHANCEMENT DAN RYAN-RED LINE  
PE, 42, 50, PR & 79  
**PERSHING SUBSTATION**  
MEDIAN NEGATIVE MANHOLE-STRUCTURAL

Sheet No.  
**TPPE-104**  
of

Scale: AS NOTED Date: 05-27-03 J.O. No.:

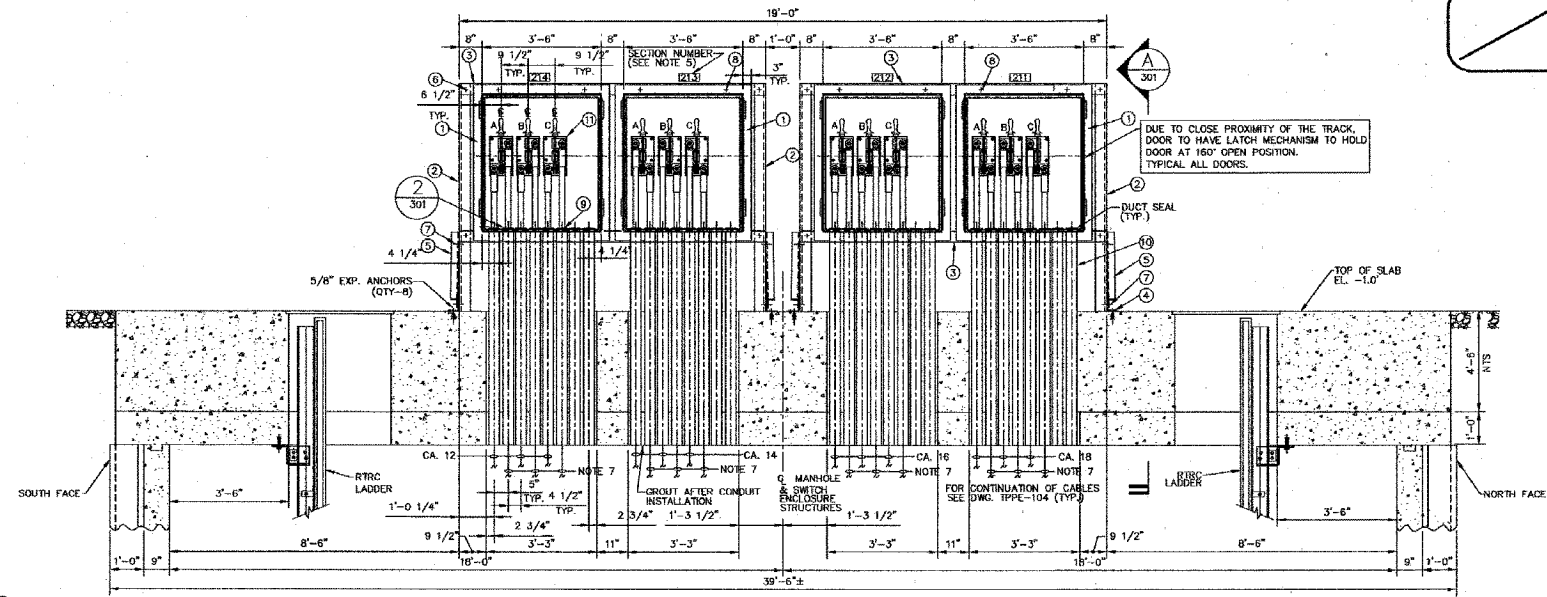
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
CTA PERSHING  
SUBSTATION PLANS  
SCALE: NTS DRAWN BY: BDC  
DATE: 07/07/05 CHECKED BY: JDC

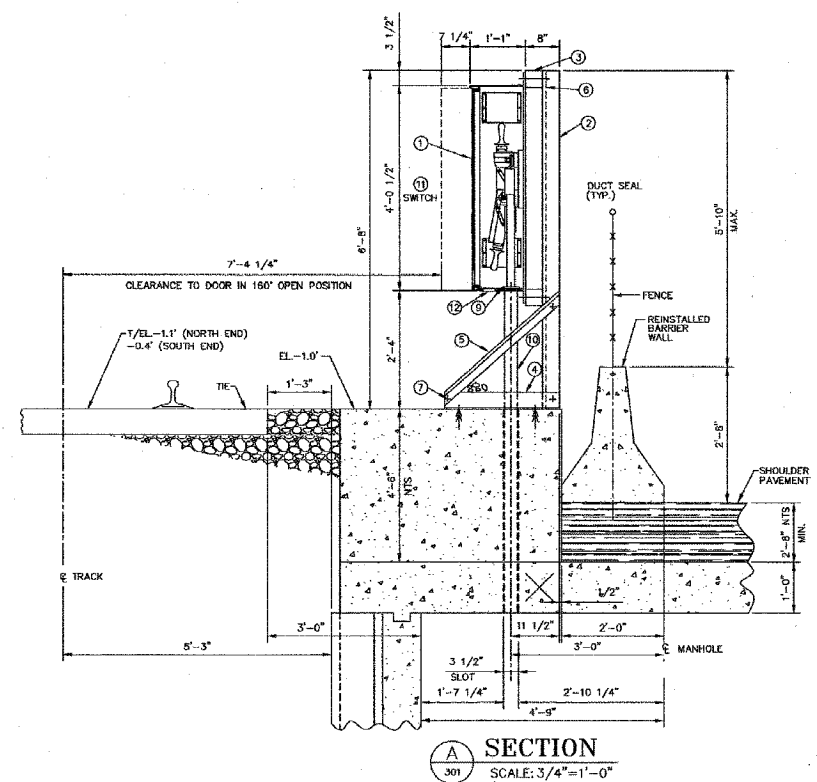
FOR INFORMATION ONLY

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

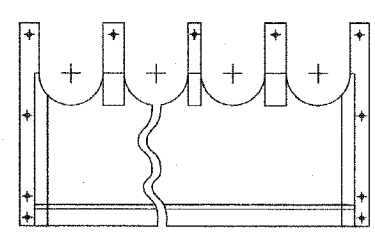
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	261
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		*1818, ETC, 2324.6-1PJR-9		



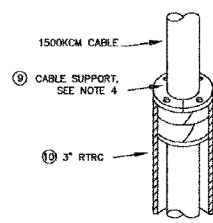
**FRONT VIEW**  
SCALE: 1/2" = 1'-0"  
(LOOKING WEST)



**SECTION**  
SCALE: 3/4" = 1'-0"



**2**  
SCALE: NONE  
BOTTOM PANEL



**1**  
SCALE: NONE  
CABLE SUPPORT INSTALLATION

**BILL OF MATERIAL - SWITCH ENCLOSURES**

- ① (4) FIBERGLASS ENCLOSURE WITH FLANGE LIP (4-GANG TYPE) 42" WIDE x 48 1/2" HIGH x 13" DEEP SEE DWG. STP-23.
- ② (4) 4" x 4" x 3/8" ANGLE 9'-0" LG (ASTM A36 STRUCTURAL STEEL) GALVANIZED.
- ③ (4) 4" x 4" PINE 9'-0" LG. TREATED WITH AMPA TYPE P1(95) FOR CREO-PINE.
- ④ (4) 4" x 4" x 3/8" ANGLE 2'-3" LG (ASTM A36 STRUCTURAL STEEL) GALVANIZED.
- ⑤ (4) 3" x 3" x 1/4" (BRACE ANGLE) 3'-0" LG (ASTM A36 STRUCTURAL STEEL) GALVANIZED.
- ⑥ (8) 3/4" THURBOLT, NUT, 2 WASHERS (IN 13/16" Ø HOLES) A307 GALVANIZED.
- ⑦ (8) 1/2" BOLT & WASHERS A307 GALVANIZED.
- ⑧ (16) 1/2" STAINLESS STEEL BOLT, NUT, SQUARE WASHER & LOCKWASHER.
- ⑨ (24) CABLE SUPPORT, SEE DETAIL 1.
- ⑩ (32) 3" RTRC CONDUIT 7'-10" LONG
- ⑪ (12) 1200 AMP, 600V DC SPST KNIFE SWITCH, FOR DETAILS SEE DWG. STP-05
- ⑫ (3) DRAIN PLUG PER ENCLOSURE.

**NOTES:**

- 1. SWITCH ENCLOSURES ARE SHOWN WITHOUT DOORS.
- 2. FOR SWITCH ENCLOSURE DETAILS SEE DRAWING STP-23.
- 3. SEAL ALL MOUNTING BOLTS AND ANY PENETRATION THROUGH THE ENCLOSURE WITH RTV SILICON COMPOUND PER ENCLOSURE MANUFACTURER'S INSTRUCTIONS.
- 4. FOR CABLE SUPPORT USE CONDUIT SEALING BUSHING TYPE CSSE-300-20-SEC (1500KCM) MANUFACTURED BY O-Z/GEDNEY CO. OR SPE-30 MAC PRODUCTS, INC.
- 5. FOR PORCELAIN ENAMEL SWITCH ENCLOSURE NUMBER OR LETTER AND ENCLOSURE DESIGNATIONS SEE DRAWING STP-28.
- 6. FOR MANHOLE STRUCTURAL DETAILS SEE DWG. TPPE-501, FOR CABLE LAYOUT SEE DWG. TPPE-105.
- 7. FOR CABLES TO CONTACT RAIL SEE HINB'S DWGSS.

In Charge	HS
Designed By	DP
Drawn By	ND
Checked By	MA
Approved By	HS

**LDP**  
Laramore, Douglass And Popham, Inc.  
Consulting Engineers  
IN ASSOCIATION WITH  
Rubinos & Mesa Engineers, Inc.  
Architects • Engineers • Construction Management  
Environmental Design International  
Substructure Engineering Corporation  
Ground Engineering Consultants

No.	Date	Revision	App'd
1	05-27-03	ISSUED FOR BIDS	HS

Chicago Transit Authority  
Engineering Department  
**cta**

SUBSTATION ENHANCEMENT DAN RYAN-RED LINE  
PE, 42, 50, PR & 79  
**PERSHING SUBSTATION**  
SWITCH ENCLOSURES 211, 212, 213 & 214  
Scale: AS NOTED Date: 05-27-03 J.O. No.:

Sheet No.	TPPE-301
of	

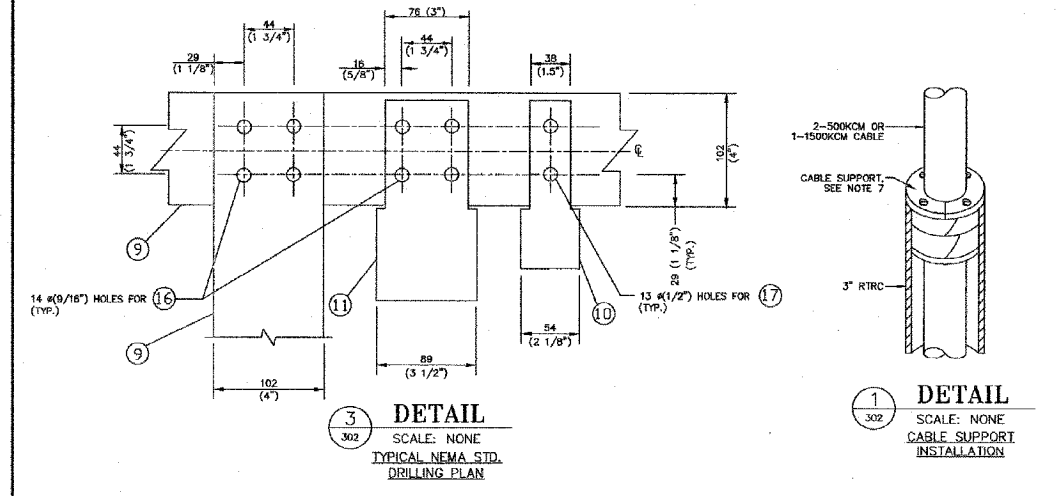
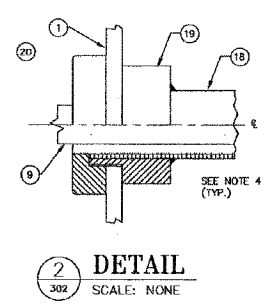
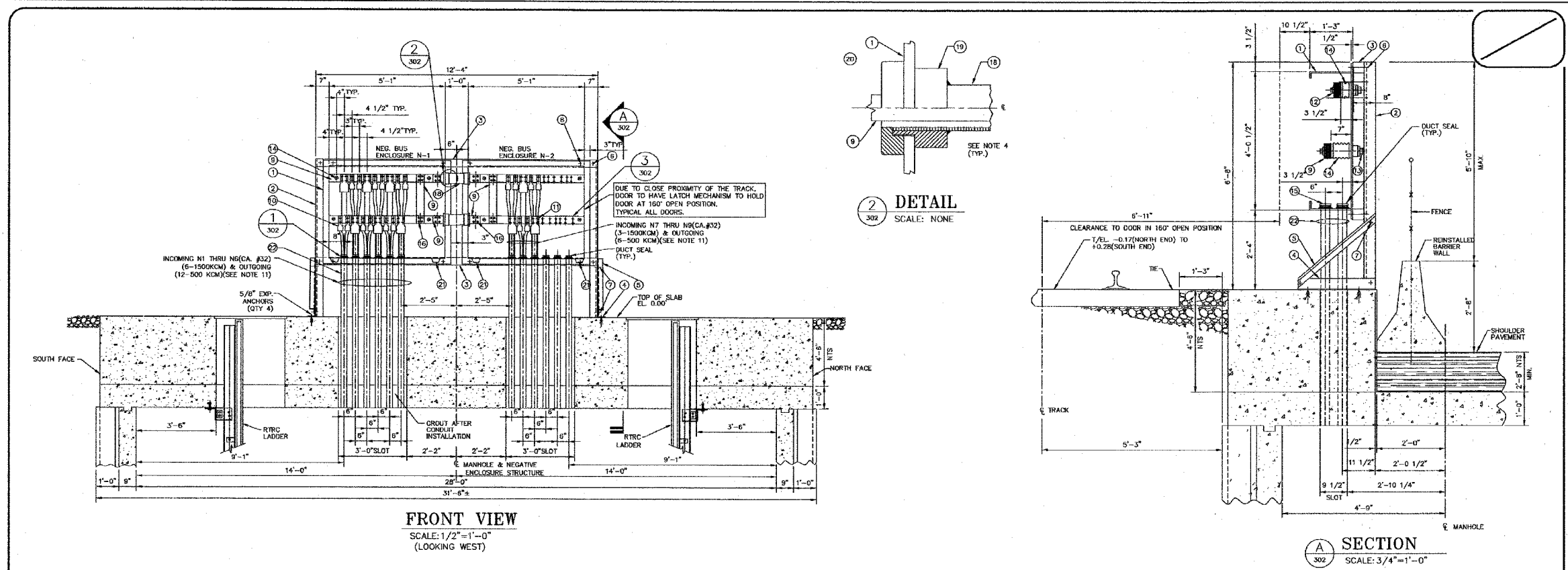
BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
www.bbainc.com

FOR INFORMATION ONLY

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
CTA PERSHING  
SUBSTATION PLANS  
SCALE: NTS DRAWN BY: BDC  
DATE: 07/07/05 CHECKED BY: JDC

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	262
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*01818, ETC, 2324.6-IPJR-9			



**BILL OF MATERIAL-NEGATIVE BUS ENCLOSURES**

- (1) (2) FIBERGLASS ENCLOSURE WITH FLANGE LIP (6-BANG TYPE) 61" WIDE x 48 1/2" HIGH x 15" DEEP - SEE DWG. STP-23.
- (2) 4" x 4" x 3/8" ANGLE 6'-8" LG (ASTM A36 STRUCTURAL STEEL) GALVANIZED.
- (3) 2" x 4" x 4" PINE 12'-4" LG, TREATED WITH AMPA TYPE P(95) FOR CREO-PINE.
- (4) 2" x 4" x 3/8" ANGLE 2'-3" LG (ASTM A36 STRUCTURAL STEEL) GALVANIZED.
- (5) 2" x 3" x 1/4" (BRACE ANGLE) 3'-0" LG (ASTM A36 STRUCTURAL STEEL) GALVANIZED.
- (6) (4) 3/4" THIRDBOLT, NUT & 2 WASHERS (IN 13/16" HOLES) A307 GALVANIZED.
- (7) (4) 1/2" BOLT & WASHERS A307 GALVANIZED.
- (8) 1/2" STAINLESS STEEL BOLT, NUT, SQUARE WASHER & LOCKWASHER.
- (9) 1/4" x 4" COPPER BUS BARS (140 FT. TOTAL NEEDED).
- (10) COPPER ALLOY BOLTED POWER CONNECTOR FOR 500 MCM CABLE, SEE DETAIL 3, DWG. STP-17.
- (11) COPPER ALLOY BOLTED POWER CONNECTOR FOR 1500 MCM CABLE, SEE DETAIL 3, DWG. STP-17.
- (12) 5/8" HEX HEAD SILICON BRONZE BOLT WITH STAINLESS STEEL BELLEVILLE WASHER.
- (13) 3/4" HEX HEAD STAINLESS STEEL BOLT WITH FLAT & SPLIT WASHERS 18-8SS.
- (14) 190 H (7 1/2") & 4-102H(4") FIBERGLASS REINFORCED POLYESTER TRACK RESISTANT STANDOFF INSULATOR CLASS A-40.
- (15) CABLE SUPPORT, SEE DETAIL 1.
- (16) 1/2" HEX HEAD COPPER ALLOY BOLT, NUT, LOCK WASHER AND TWO 1 1/4" OD FLAT WASHERS.
- (17) 3/8" HEX HEAD COPPER ALLOY BOLT, NUT, LOCK WASHER AND TWO 1" OD FLAT WASHERS.
- (18) 6" POLYVINYL CHLORIDE (PVC) SCHEDULE 40 CONDUIT.
- (19) TERMINAL ADAPTER FOR 6" PVC CONDUIT.
- (20) INSULATING BUSHING FOR 6" PVC CONDUIT.
- (21) DRAIN PLUG PER ENCLOSURE.
- (22) (24) 3" RTRC CONDUIT 7'-10" LONG.

**NOTES:**

1. NEGATIVE BUS BAR ENCLOSURE CONSTRUCTION SHALL CONFORM TO FIBERGLASS SWITCH ENCLOSURE DETAILS SHOWN ON DRAWING STP-23.
2. BUS SHALL BE ADEQUATELY BRACED, SPACING BETWEEN BUS BARS SHALL BE 6.4 (1/4") AND MAINTAINED ENTIRE LENGTH.
3. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS.
4. SEAL ALL MOUNTING BOLTS AND ANY PENETRATION THROUGH THE ENCLOSURE WITH RTV SILICON SEALER PER ENCLOSURE MANUFACTURER'S INSTRUCTIONS.
5. ENCLOSURES' DOORS ARE NOT SHOWN FOR CLARITY.
6. FOR PORCELAIN ENAMEL ENCLOSURE NUMBER OR LETTER AND ENCLOSURE DESIGNATIONS SEE DRAWING STP-26.
7. FOR CABLE SUPPORT USE CONDUIT SEALING BUSHING TYPE CSBE-300P-SEB (500KCM) AND CSBE-300-20-CSBE (1500KCM) MANUFACTURED BY D-2/DEWNEY CO. OR SPE-30 MAC PRODUCTS, INC. ONE (1) GROMMET REQUIRED TO SUPPORT 500KCM CABLE.
8. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SHOWN OTHERWISE.
9. ALL MILD STEEL STRUCTURAL SHAPES, BOLTS, NUTS, AND WASHERS ARE TO BE GALVANIZED IN ACCORDANCE WITH ASTM A153 CLASS C.
10. FOR MANHOLE STRUCTURAL DETAILS SEE DWG. TPPE-601 FOR CABLE LAYOUT SEE DWG. TPPE-106.
11. FOR CABLES TO CONTACT RAIL SEE HWTS DWGS.

In Charge	HS
Designed By	DP
Drawn By	ND
Checked By	MA
Approved By	HS

Loramore, Douglass And Popham, Inc.  
Consulting Engineers

**LDP**

IN ASSOCIATION WITH

Rubinos & Mesio Engineers, Inc.  
Architecture • Engineering • Construction Management  
Environmental Design International  
Globalstrata Engineering Corporation  
Ground Engineering Consultants

No.	Date	Revision	App'd
1	05-27-03	ISSUED FOR BIDS	HS

Chicago Transit Authority  
Engineering Department

SUBSTATION ENHANCEMENT DAN RYAN-RED LINE  
PE, 42, 50, PR & 79

**PERSHING SUBSTATION**  
NEGATIVE BUS ENCLOSURES N-1 & N-2

Scale: AS NOTED Date: 05-27-03 J.O. No.:

Sheet No.  
TPPE-302  
of

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

FOR INFORMATION ONLY

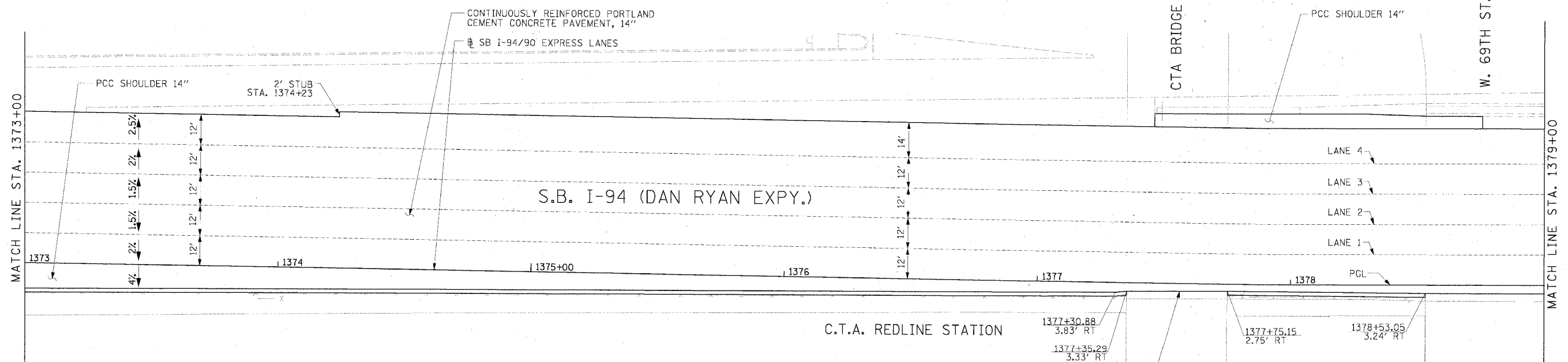
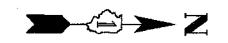
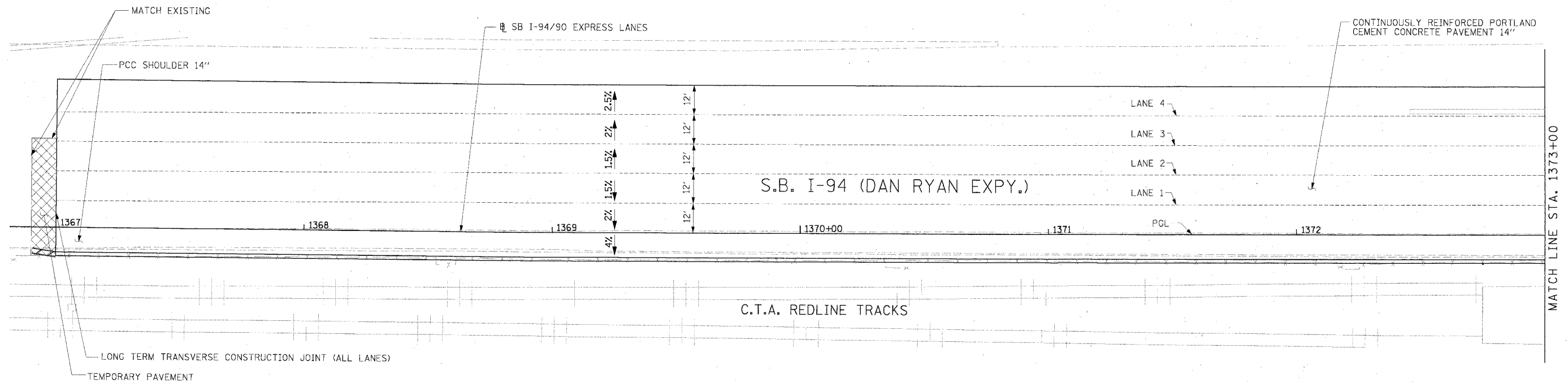
REVISIONS	NAME	DATE

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

SCALE: NTS DRAWN BY: BDC  
DATE: 07/07/05 CHECKED BY: JDC



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	263
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302 • (1818, ETC, 2324.6-1P)R-9				



C.T.A. REDLINE STATION

1377+30.88  
3.83' RT  
1377+35.29  
3.33' RT

1377+75.15  
2.75' RT

1378+53.05  
3.24' RT

MEET FACE OF EXISTING PIER

**NOTE:**

1. PAVEMENT ELEVATIONS ALONG RAMPS, GOES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

**LEGEND**

- ### ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES
- (###) ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES
- [\*##] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT

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

REVISIONS	
NAME	DATE

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

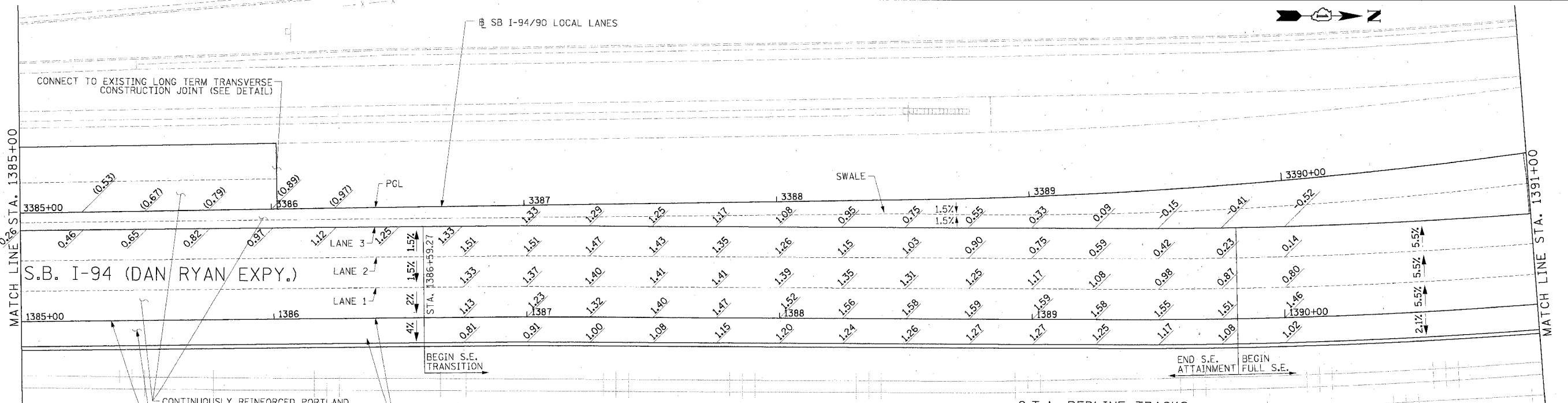
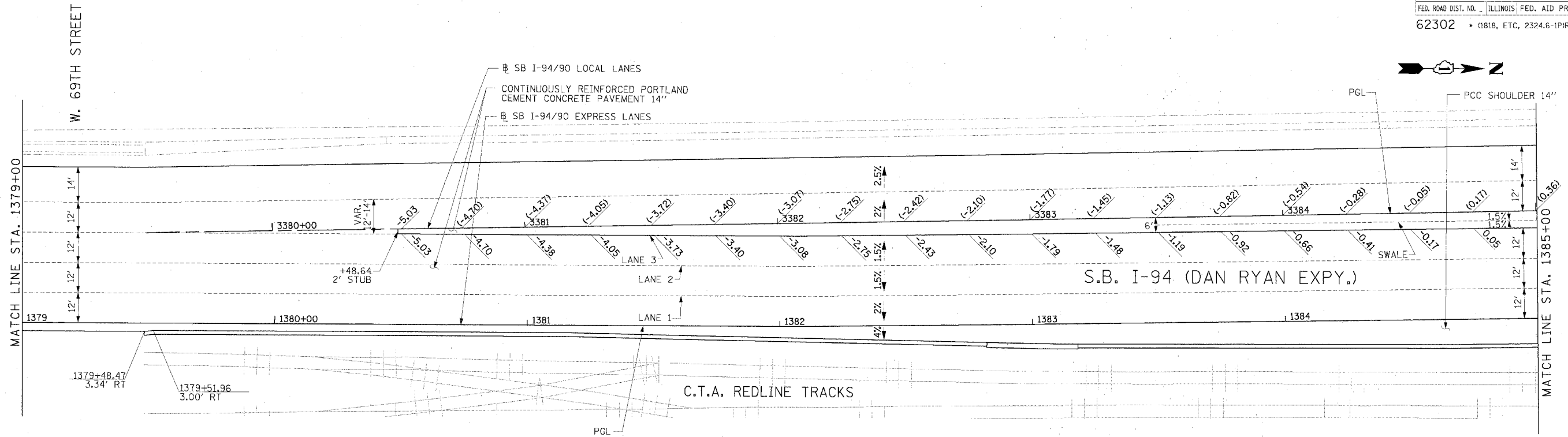
PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1367+00 TO STA. 1379+00

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

DRAWN BY: TAI  
 CHECKED BY: PJM

JT-1  
 06/24/2005 09:25:05 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	264
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	0818, ETC. 2324.6-1P1R-9			



**LEGEND**

### ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES  
 (#.##) ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES  
 [#.##] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT

**NOTE:**  
 1. PAVEMENT ELEVATIONS ALONG RAMPS, GORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

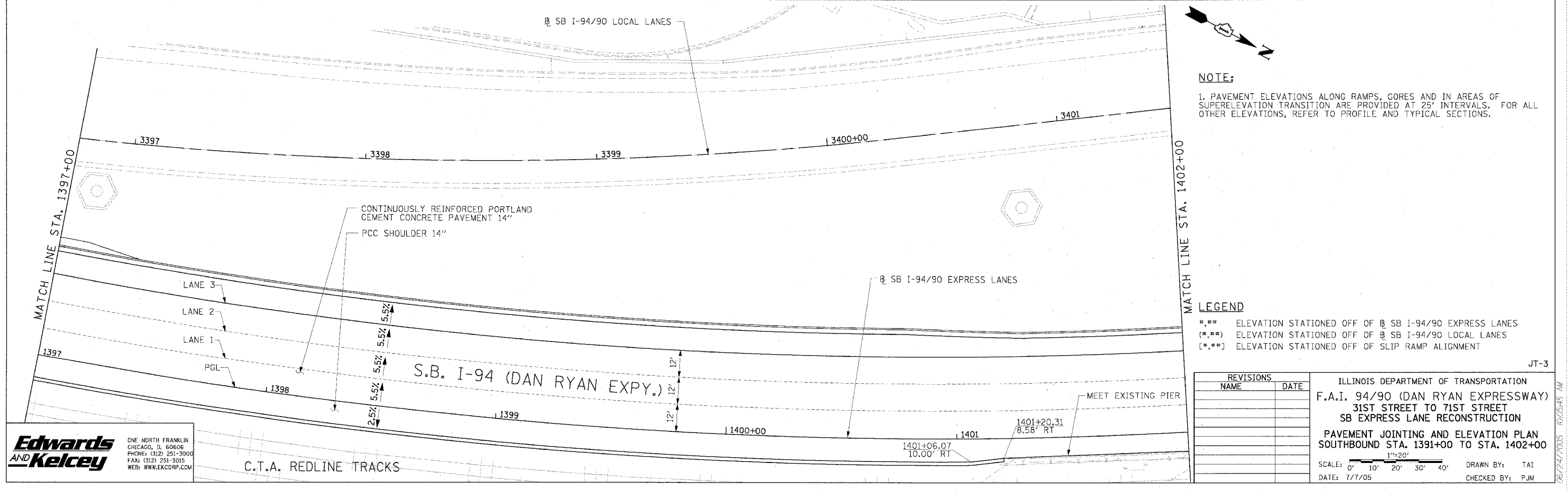
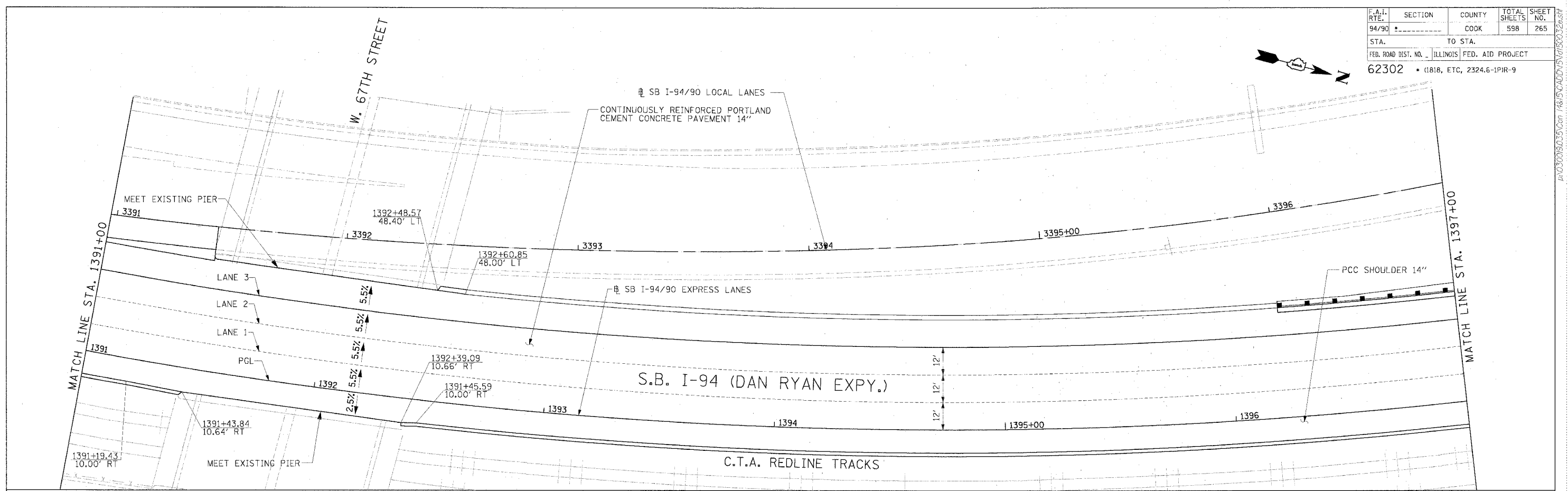
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1379+00 TO STA. 1391+00  
 SCALE: 0' 10' 20' 30' 40'  
 DATE: 7/7/05  
 DRAWN BY: TAI  
 CHECKED BY: PJM



P:\030019035\con\1815\CADD\5161500226.dwg JT-2 06/24/2005 10:02:21 AM

F.A.I. RTE. 94/90	SECTION A	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 265
STA. 62302		TO STA. 62302		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT 62302 • (1818, ETC., 2324.6-1)IR-9		



**NOTE:**  
1. PAVEMENT ELEVATIONS ALONG RAMPS, CORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

**LEGEND**  
 #.## ELEVATION STATIONED OFF OF @ SB I-94/90 EXPRESS LANES  
 (\*\*.##) ELEVATION STATIONED OFF OF @ SB I-94/90 LOCAL LANES  
 [\*.##] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT

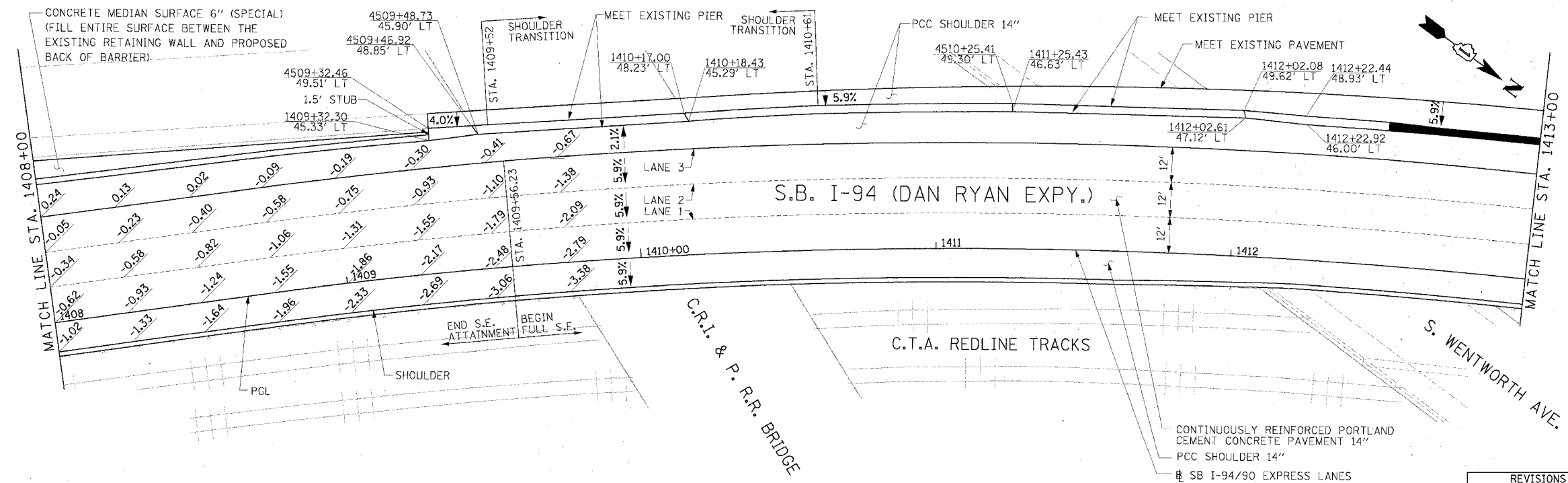
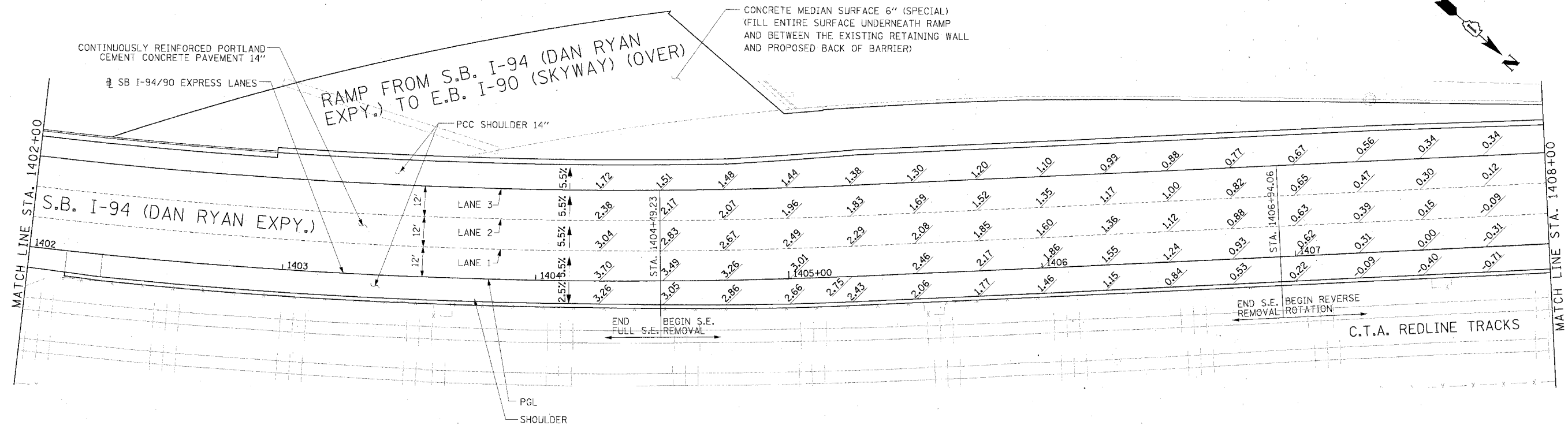
REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1391+00 TO STA. 1402+00  
 SCALE: 0" = 10' 1" = 20'  
 DATE: 7/7/05  
 DRAWN BY: TAI  
 CHECKED BY: PJM

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

JT-3  
 06/24/2005 10:05:45 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	266
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	• (1818, ETC, 2324.6-1)PR-9			



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

**LEGEND**

#,##	ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES
[#,##]	ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES
[*,##]	ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT

**NOTE:**  
 1. PAVEMENT ELEVATIONS ALONG RAMPS, GORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1402+00 TO STA. 1413+00

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

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

JT-4

26/24/2005 10:26:23 AM

**LEGEND**

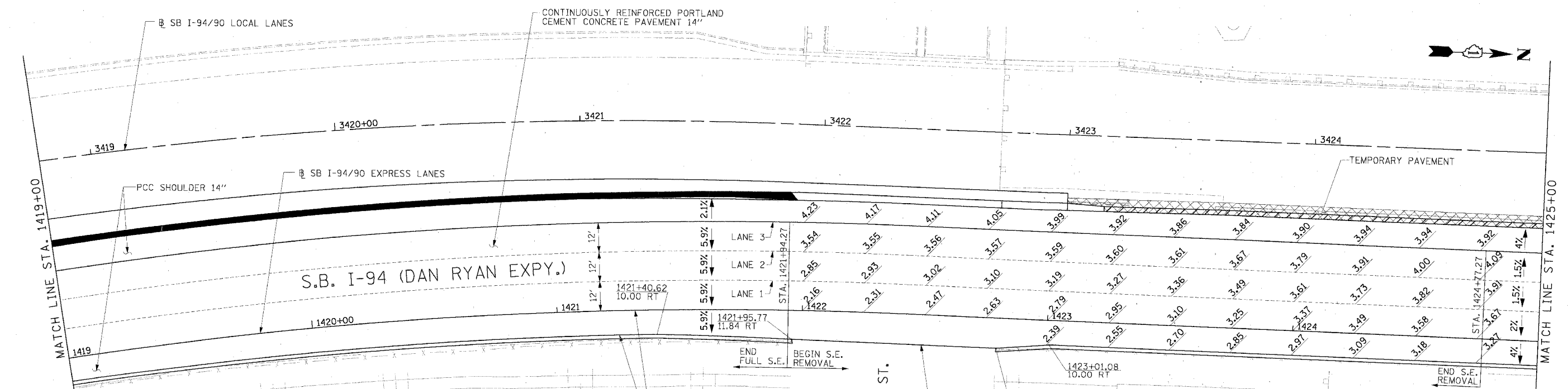
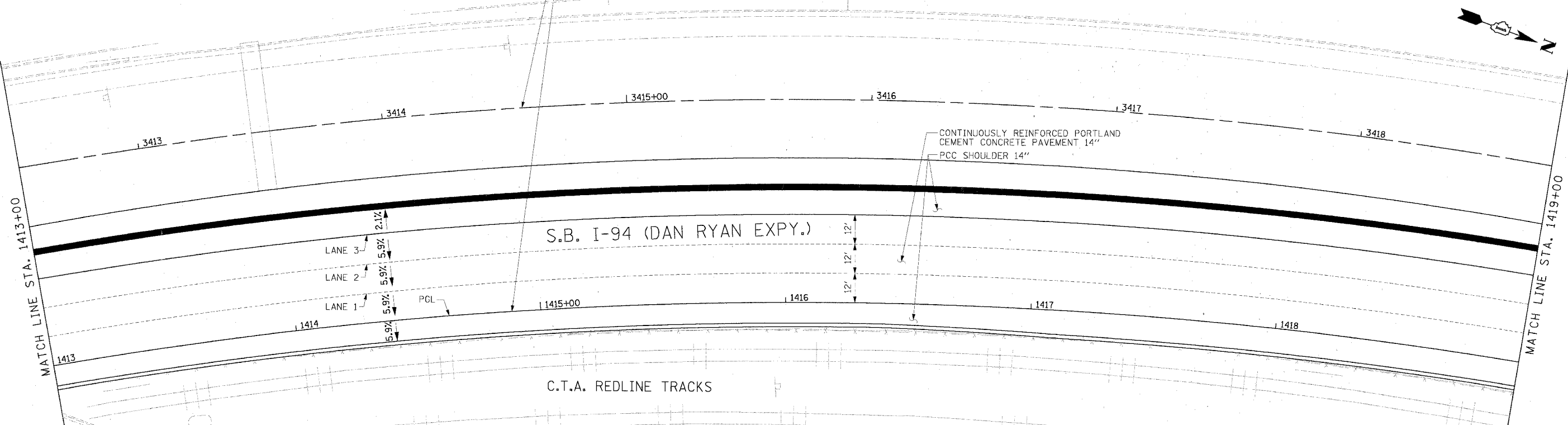
- ### ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES
- (###) ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES
- [###] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT

- SB I-94/90 LOCAL LANES
- SB I-94/90 EXPRESS LANES

**NOTE:**

1. PAVEMENT ELEVATIONS ALONG RAMPS, GORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 267
STA. 62302		TO STA. 11818, ETC. 2324.6-1PJR-9		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**Edwards AND Kelcey**  
 ONE NORTH FRANKLIN  
 CHICAGO, IL 60608  
 PHONE: (312) 251-3000  
 FAX: (312) 251-3015  
 WEB: WWW.EKCORP.COM

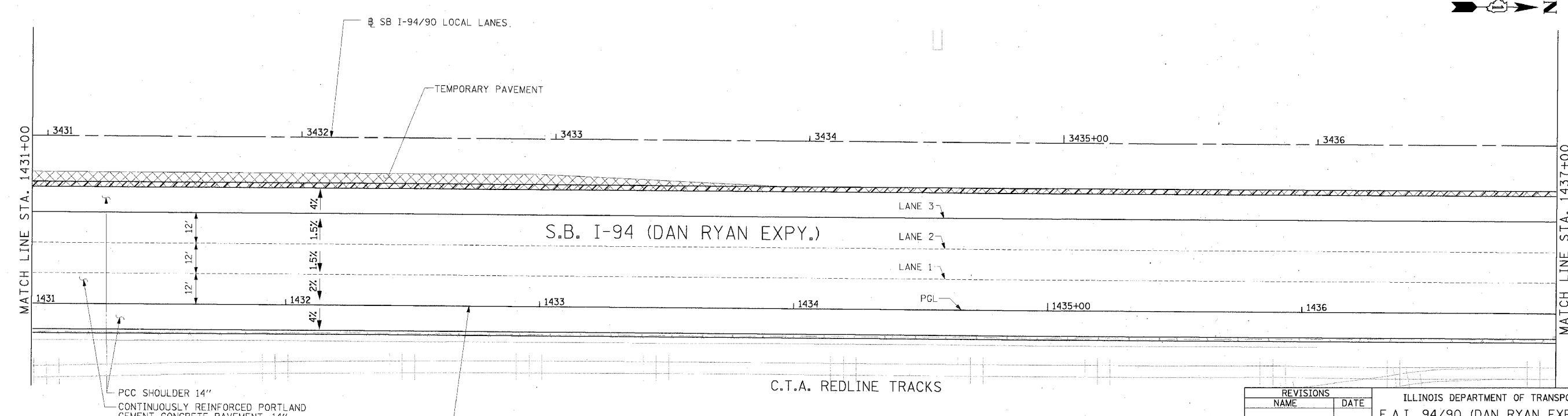
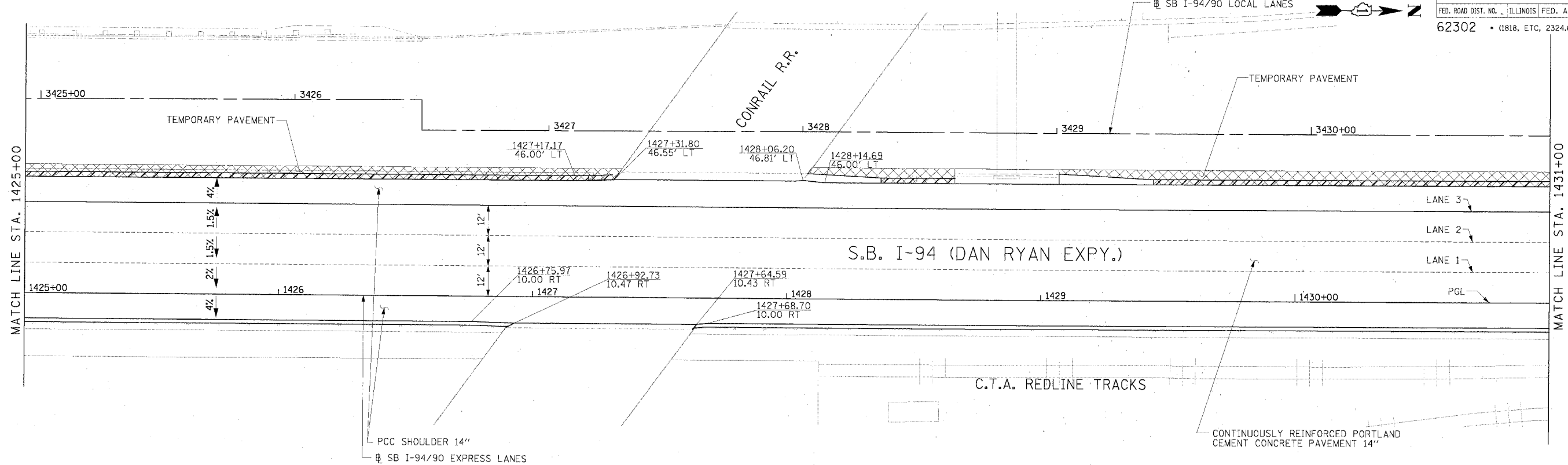
REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1413+00 TO STA. 1425+00  
 SCALE: 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: TAI  
 CHECKED BY: PJM

06/21/2005 10:06:59 AM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	268
STA.	TO STA.			
62302	• (1818, ETC, 2324.6-IP)R-9			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**LEGEND**

###	ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES
(###)	ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES
[###]	ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT

**NOTE:**

- PAVEMENT ELEVATIONS ALONG GORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS.
- ELEVATIONS ON THIS SHEET ARE ONLY PROVIDED FOR GORES, RAMPS AND SUPER ELEVATION TRANSITIONS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

REVISIONS	
NAME	DATE

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

PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1425+00 TO STA. 1437+00

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

DATE: 7/1/05 DRAWN BY: TAI  
 CHECKED BY: PJM

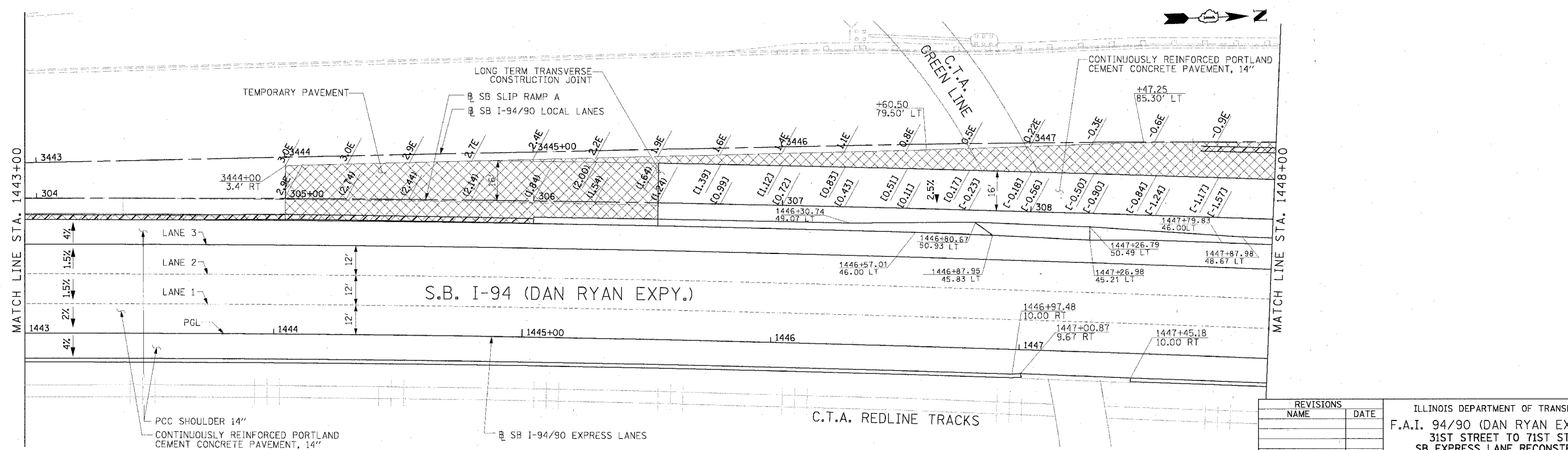
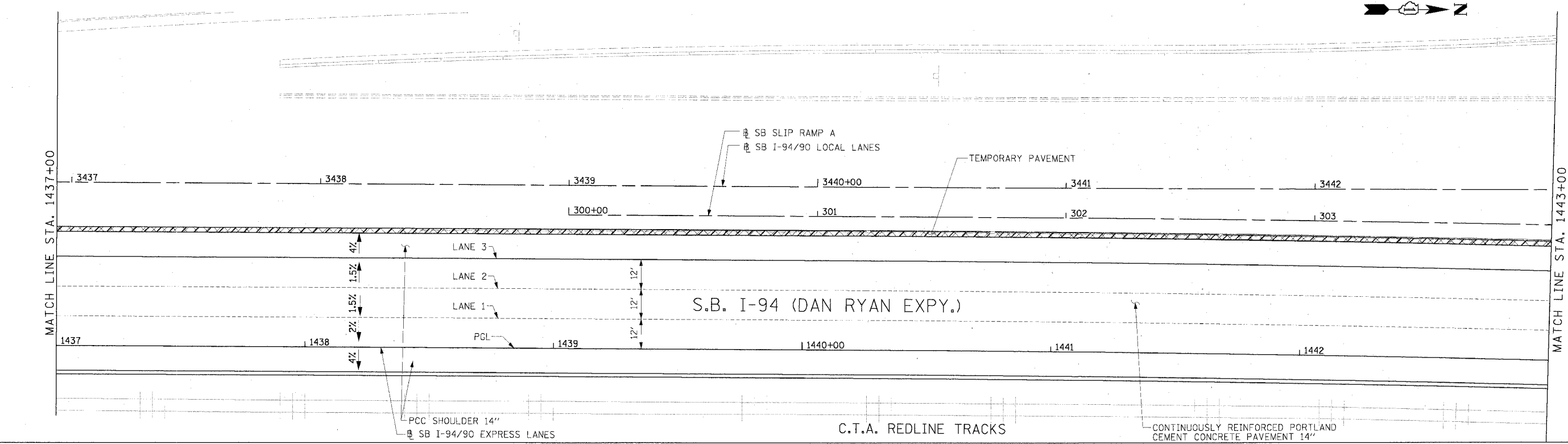
**Edwards AND Kelcey**

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

JT-6

06/24/2005 10:07:23 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	269
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302 • (1818, ETC, 2324.6-1P)R-9				



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

**LEGEND**  
 #,### ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES  
 (#,##) ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES  
 [#,##] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT

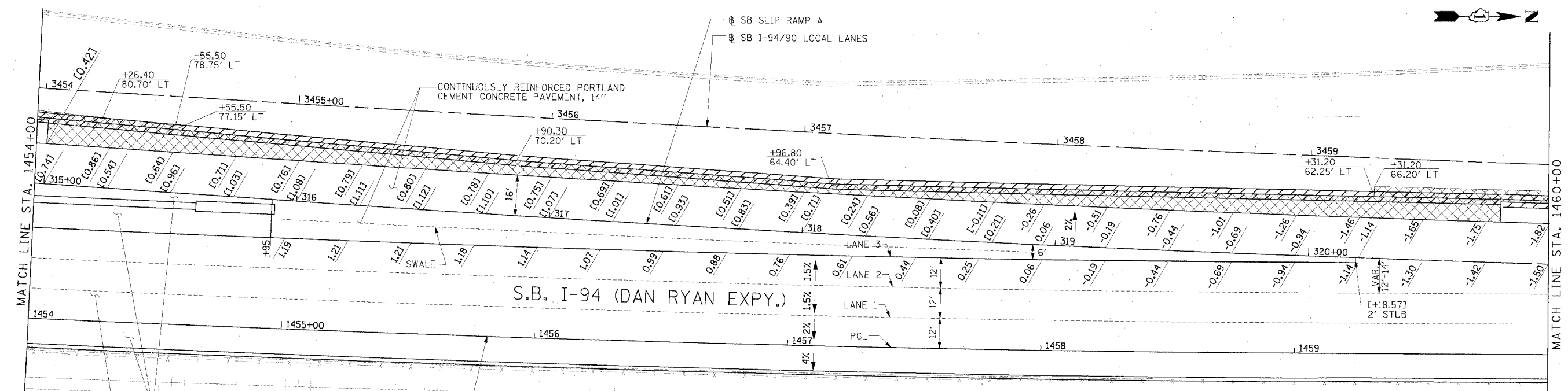
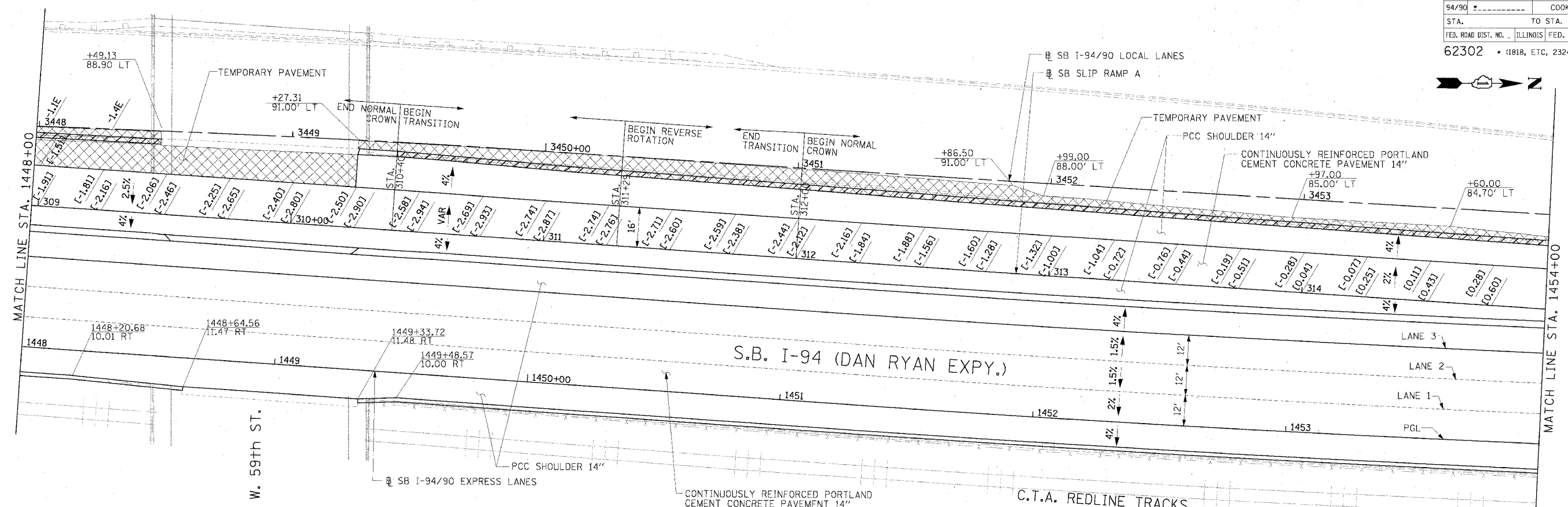
**NOTE:**  
 1. PAVEMENT ELEVATIONS ALONG RAMPS, GORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1437+00 TO STA. 1448+00  
 SCALE: 0' 10' 20' 30' 40' 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: TAI  
 CHECKED BY: PJM

JT-7  
 06/24/2005 10:06:57 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	270
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	11818, ETC, 2324.6-IPR-9			



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

**LEGEND**  
 \*.\*.\* ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES  
 (\*\*)\*\* ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES  
 [\*\*]\*\* ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT

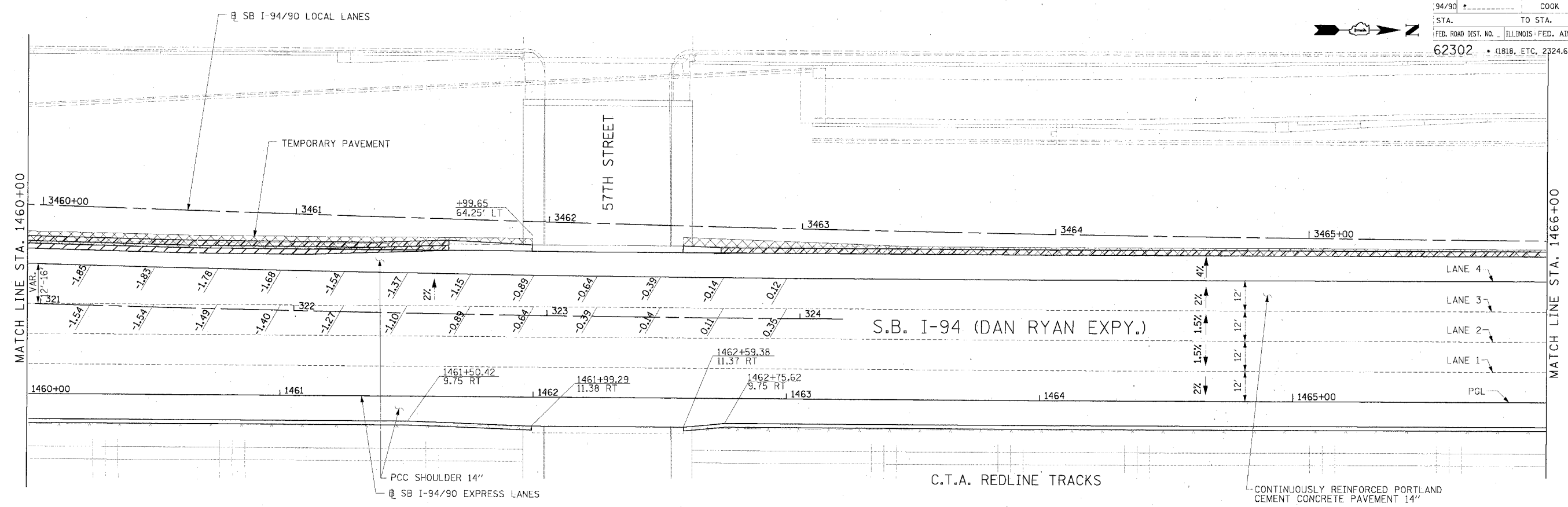
**NOTE:**  
 1. PAVEMENT ELEVATIONS ALONG RAMPS, GORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

REVISIONS	DATE

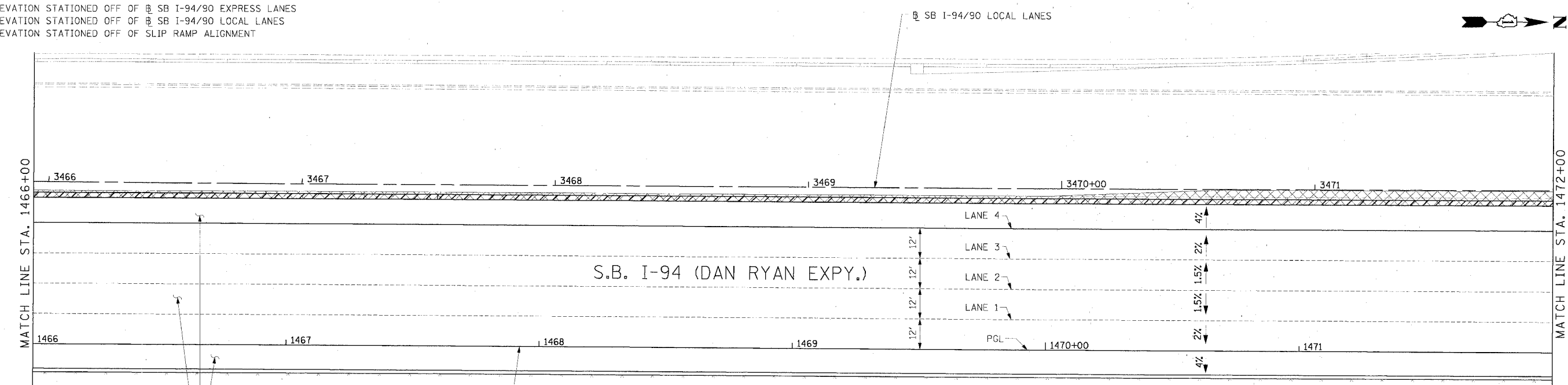
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1448+00 TO STA. 1460+00  
 SCALE: 1"=20'  
 DATE: 7/7/05  
 DRAWN BY: TAI  
 CHECKED BY: PJM

JT-8  
 06/27/2005 10:09:29 AM  
 P:\030019\0305\con\14818\FACADD\VD15060257

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 271
STA. 62302	TO STA. ILLINOIS FED. AID PROJECT (1818, ETC. 2324.6-1)R-9			



**LEGEND**  
 ### ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES  
 (#,##) ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES  
 [\*,##] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT



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

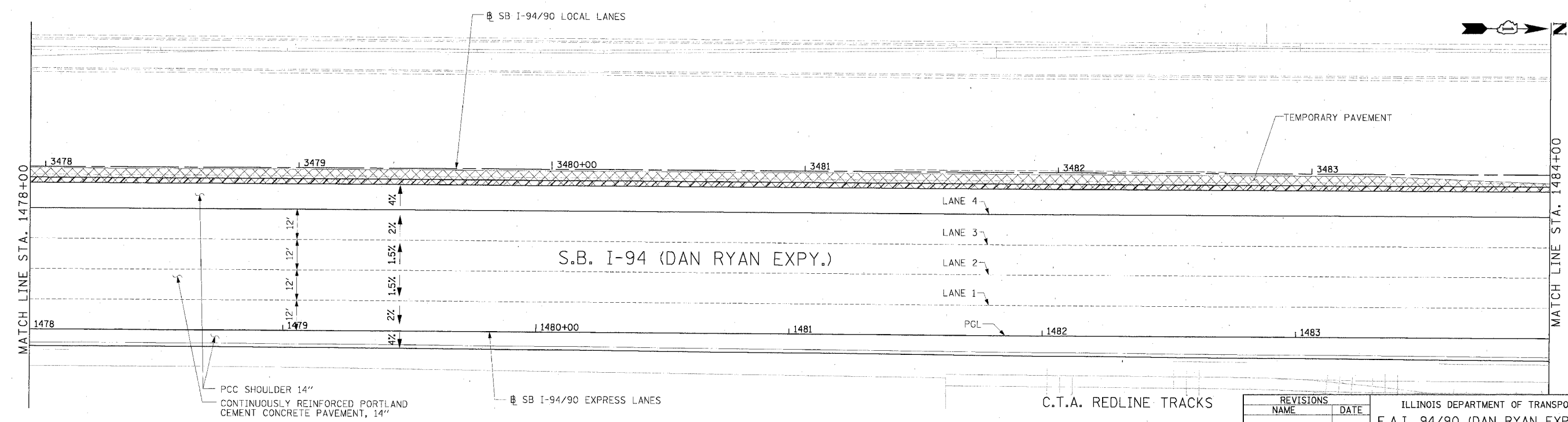
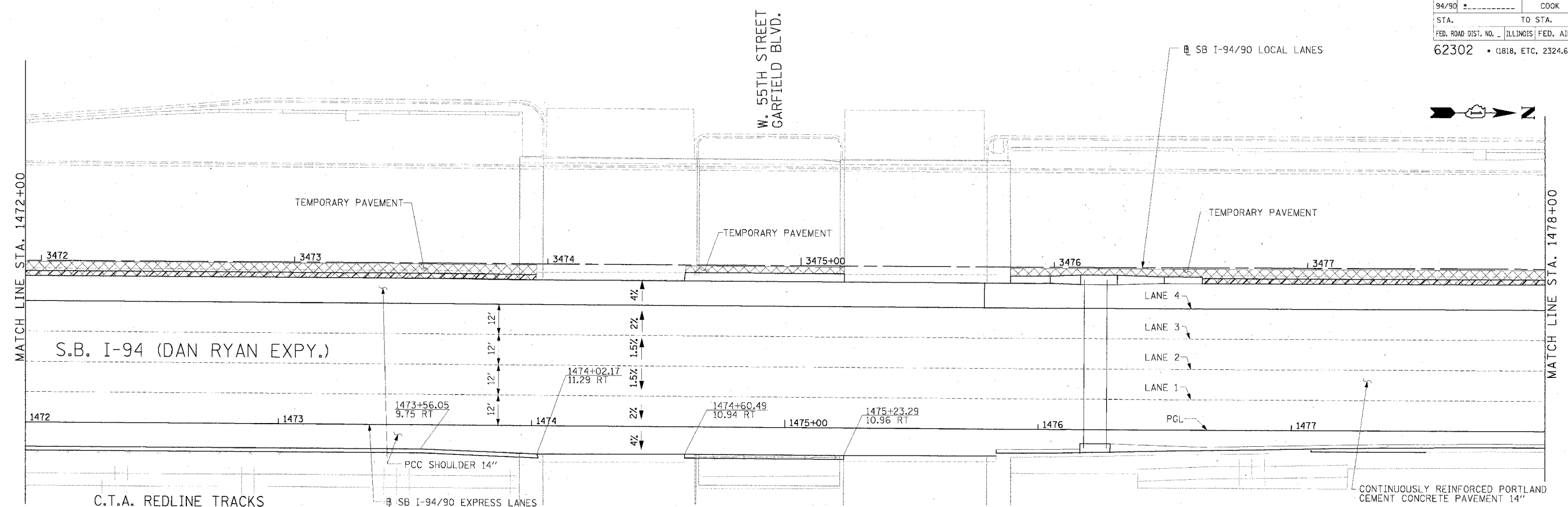
**NOTE:**  
 1. PAVEMENT ELEVATIONS ALONG RAMPS, GORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

REVISIONS	
NAME	DATE

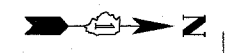
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1460+00 TO STA. 1472+00  
 SCALE: 0' 10' 20' 30' 40'  
 DATE: 7/7/05  
 DRAWN BY: TAI  
 CHECKED BY: PJM

P:\0300\050355\Con 14615\CADD\VD\150922.dwg  
 JT-9  
 06/27/2005 10:09:56 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	272
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	1818, ETC. 2324.6-IPR-9			



W. 55TH STREET  
GARFIELD BLVD.



MATCH LINE STA. 1472+00

MATCH LINE STA. 1478+00

MATCH LINE STA. 1478+00

MATCH LINE STA. 1484+00

**LEGEND**

###	ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES
##	ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES
#	ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT

**NOTE:**  
1. PAVEMENT ELEVATIONS ALONG RAMPS, GORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
PAVEMENT JOINTING AND ELEVATION PLAN  
SOUTHBOUND STA. 1472+00 TO STA. 1484+00  
SCALE: 0" = 10' 1" = 20'  
DATE: 7/7/05  
DRAWN BY: TAI  
CHECKED BY: PJM



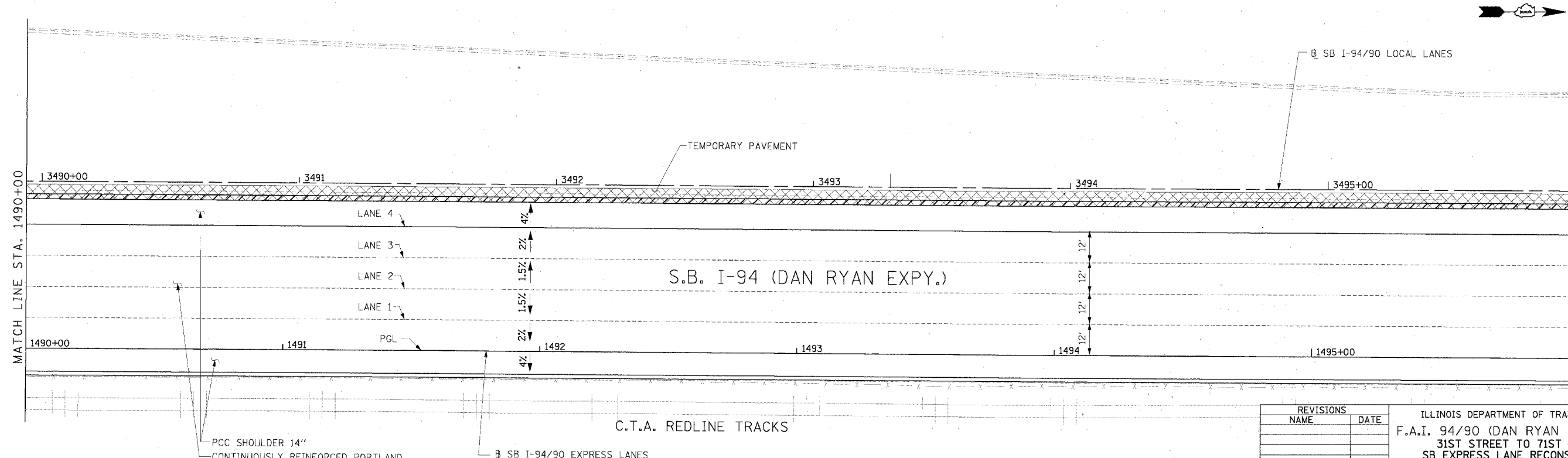
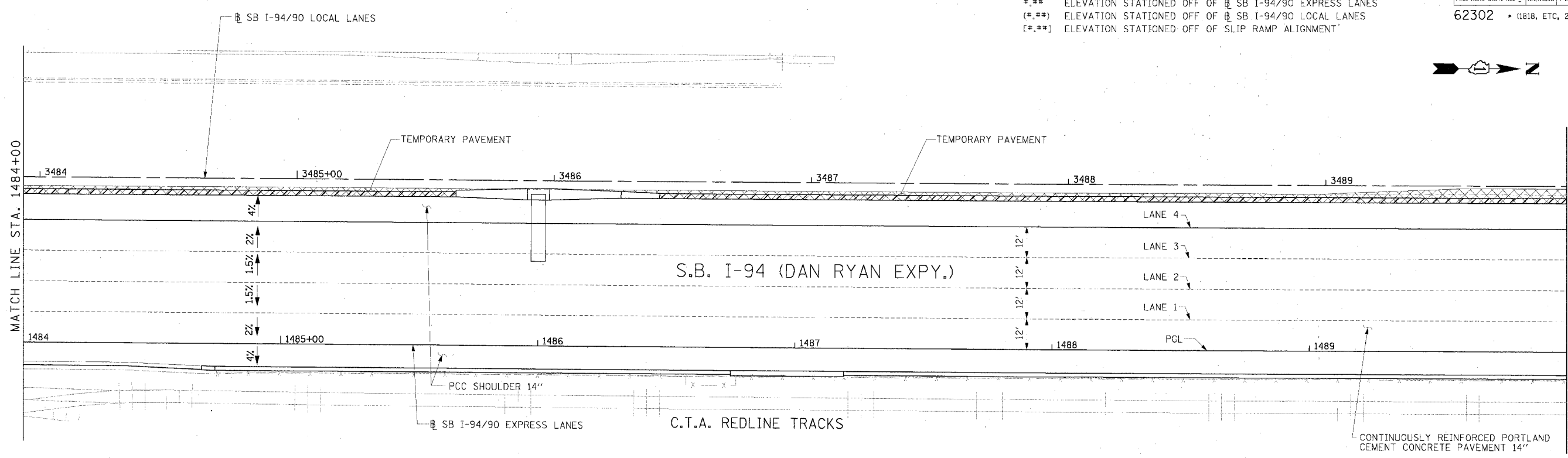
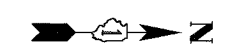
JT-10  
05/24/2005 10:00:36 AM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	273
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	11818, ETC, 2324.6-1P/R-9			

**LEGEND**

- [#.#] ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES
- [#.#.#] ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES
- [#.#.#] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT



REVISIONS	
NAME	DATE

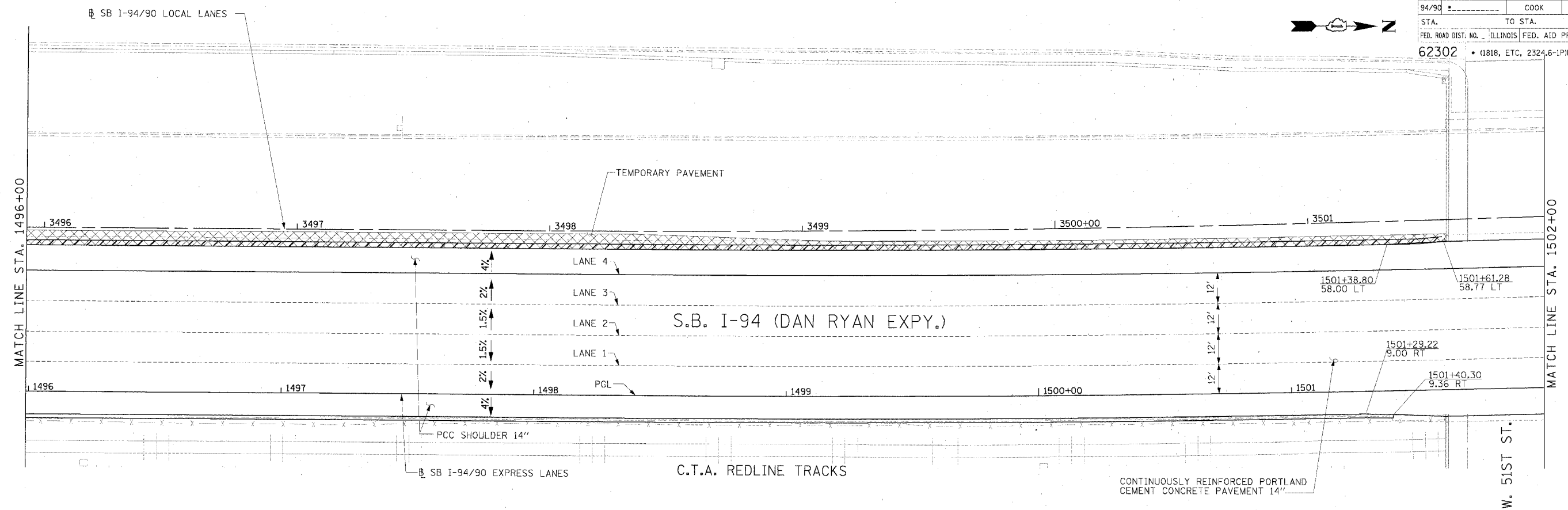
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1484+00 TO STA. 1496+00  
 SCALE: 1"=20'  
 DATE: 7/7/05 DRAWN BY: TAI  
 CHECKED BY: PJM

**NOTE:**  
 1. PAVEMENT ELEVATIONS ALONG RAMPS, GORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

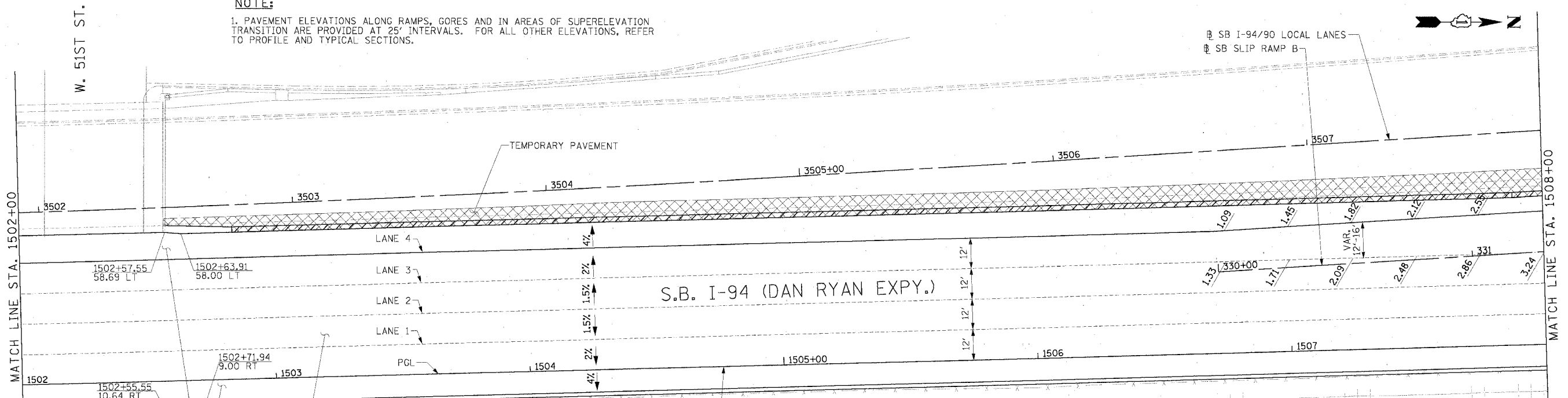
**Edwards AND Kelcey**  
 ONE NORTH FRANKLIN  
 CHICAGO, IL 60606  
 PHONE: (312) 251-3000  
 FAX: (312) 251-3015  
 WEB: WWW.EKCORP.COM

JT-11  
 06/24/2005 10:41 AM

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 274
STA. 62302		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 1818, ETC, 2324.6-1PJR-9				



**NOTE:**  
1. PAVEMENT ELEVATIONS ALONG RAMP, GORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.



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

**LEGEND**  
\*.\* ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES  
[\*.\*] ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES  
[\*.\*] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT

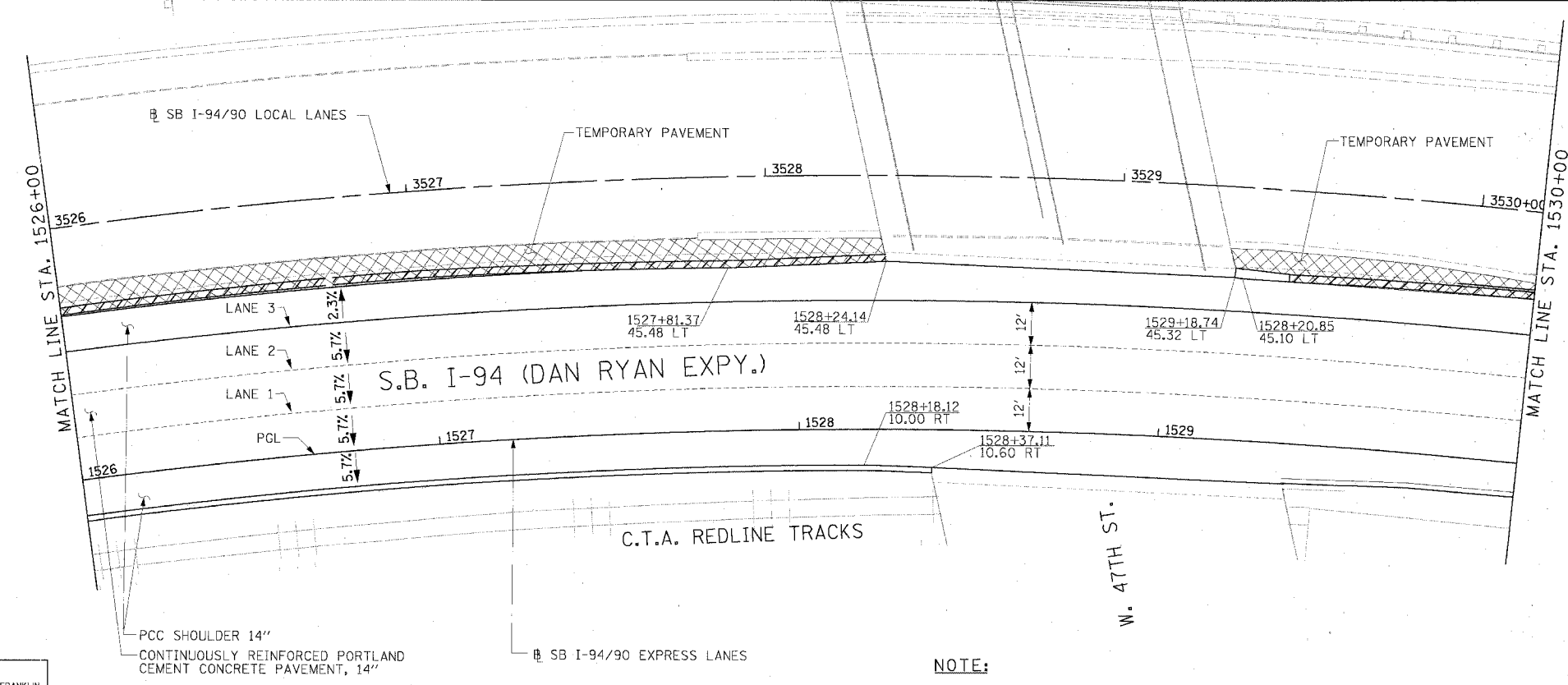
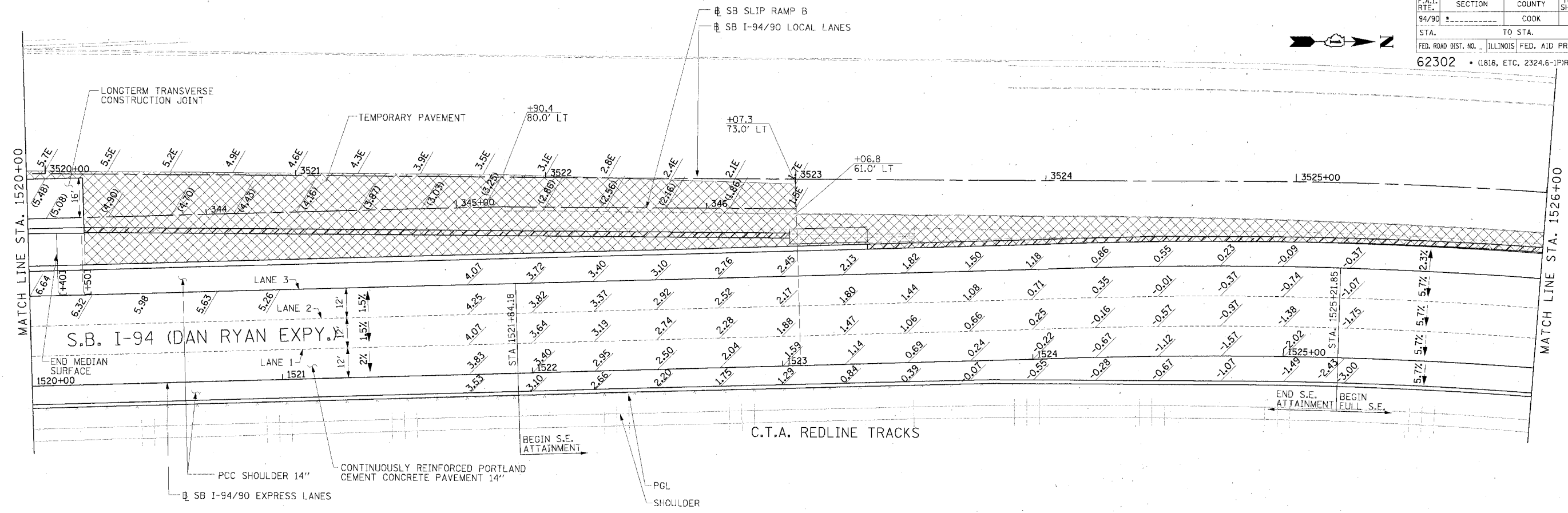
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
PAVEMENT JOINTING AND ELEVATION PLAN  
SOUTHBOUND STA. 1496+00 TO STA. 1508+00  
SCALE: 0' 10' 20' 30' 40'  
DATE: 7/1/05  
DRAWN BY: TAI  
CHECKED BY: PJM

JT-12  
6/24/2005 8:11:36 AM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	276
STA.		TO STA.		
62302		11818, ETC, 2324.6-1PIR-9		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**LEGEND**

### ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES  
 (#.##) ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES  
 [#.##] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1520+00 TO STA. 1530+00  
 SCALE: 0' 10' 20' 30' 40' 1"=20'  
 DATE: 7/7/05 DRAWN BY: TAI  
 CHECKED BY: PJM

**NOTE:**  
 1. PAVEMENT ELEVATIONS ALONG RAMPS, GORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

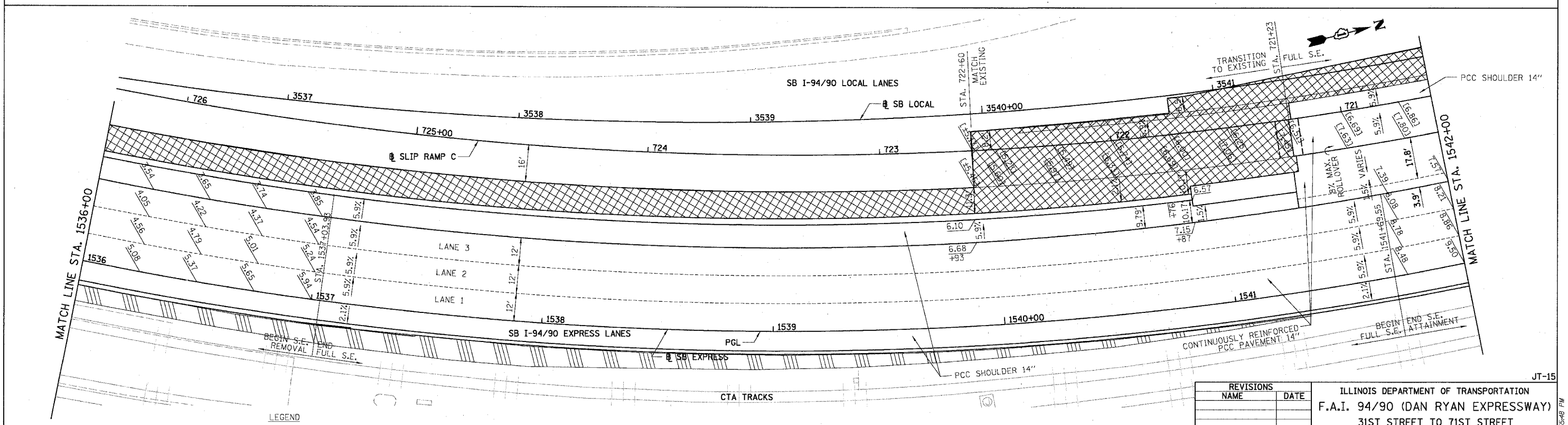
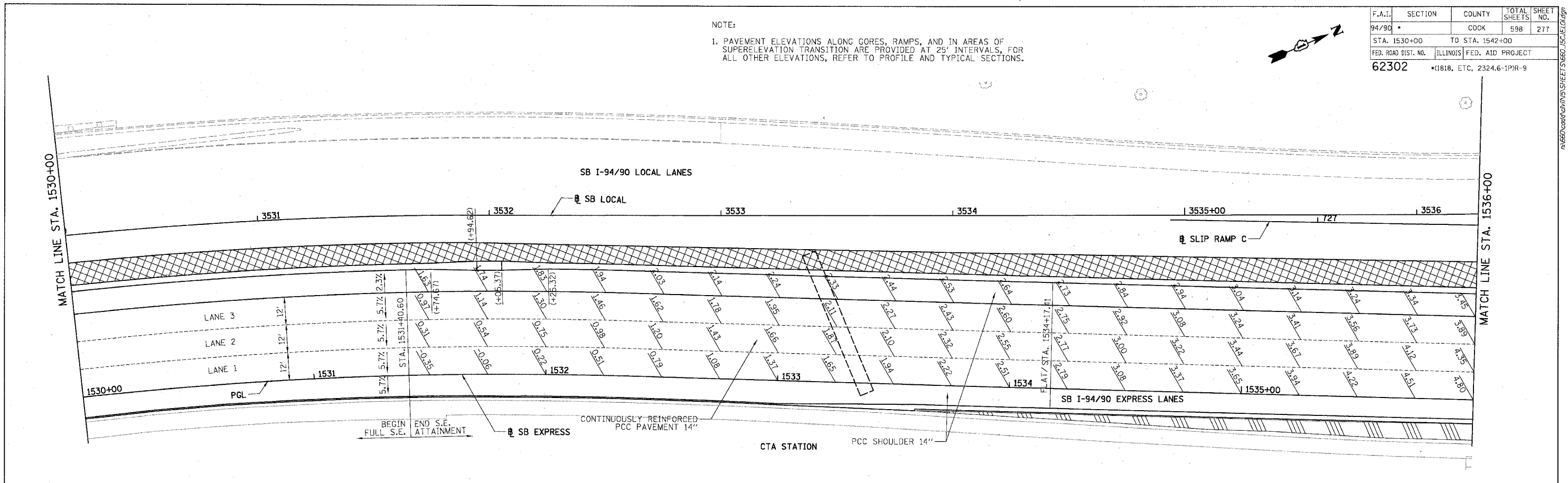
**Edwards AND Kelcey**  
 ONE NORTH FRANKLIN  
 CHICAGO, IL 60606  
 PHONE: (312) 251-3000  
 FAX: (312) 251-3015  
 WEB: WWW.EKCORP.COM

JT-14  
 06/24/2005 10:42:30 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	277
STA. 1530+00		TO STA. 1542+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		*1818, ETC, 2324.6-1P/R-9		

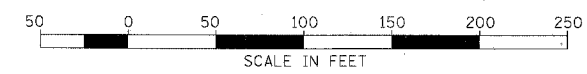
NOTE:

1. PAVEMENT ELEVATIONS ALONG GORES, RAMPS, AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS, FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.



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

- LEGEND
- \*\*\* ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES
  - (\*\*\*) ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES
  - [\*\*\*] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT
  - XXXXX TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS



REVISIONS NAME	DATE

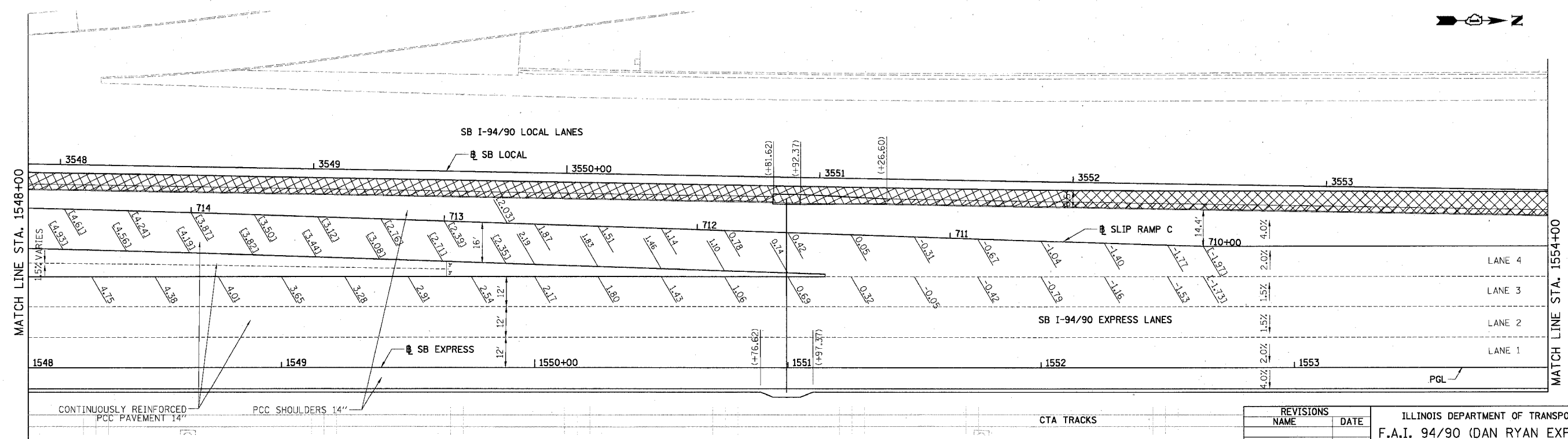
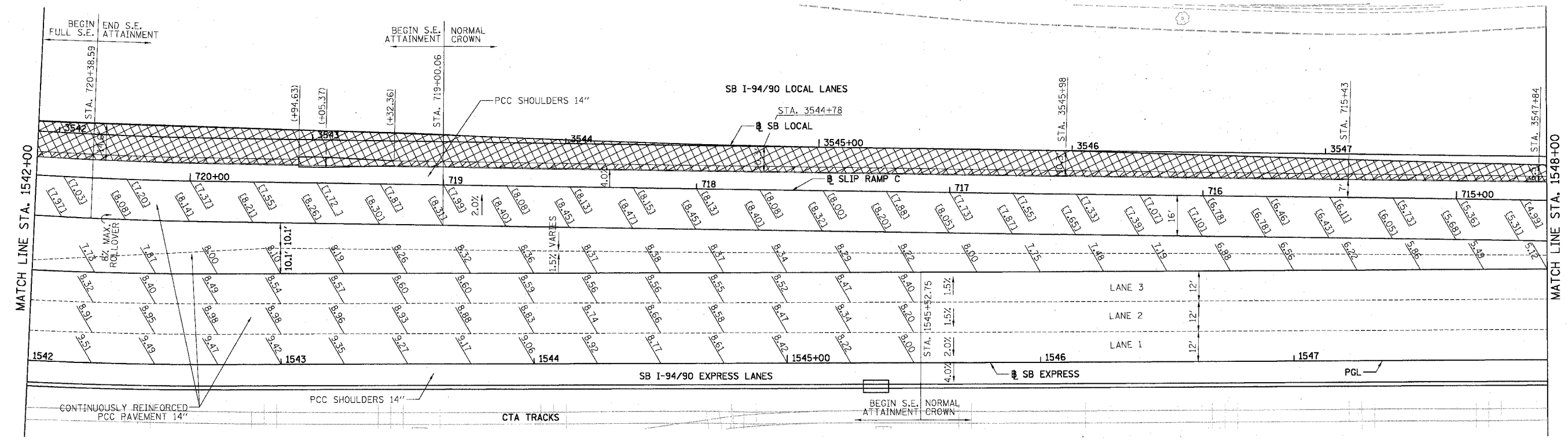
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
PAVEMENT JOINTING AND ELEVATION PLAN  
SOUTHBOUND STA. 1530+00 TO STA. 1542+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: TER  
CHECKED BY: JDC

JT-15  
12/25/04 PM  
6/28/2005



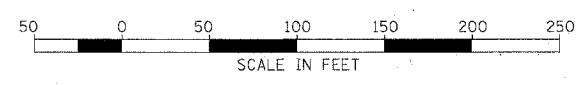
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	278
STA. 1542+00		TO STA. 1554+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		*1818, ETC, 2324.6-1PIR-9		

NOTE:  
 1. PAVEMENT ELEVATIONS ALONG CORES, RAMPS, AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS, FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.



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

- LEGEND**
- ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES
  - (•••) ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES
  - [•••] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT
  - XXXX TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS



REVISIONS	
NAME	DATE

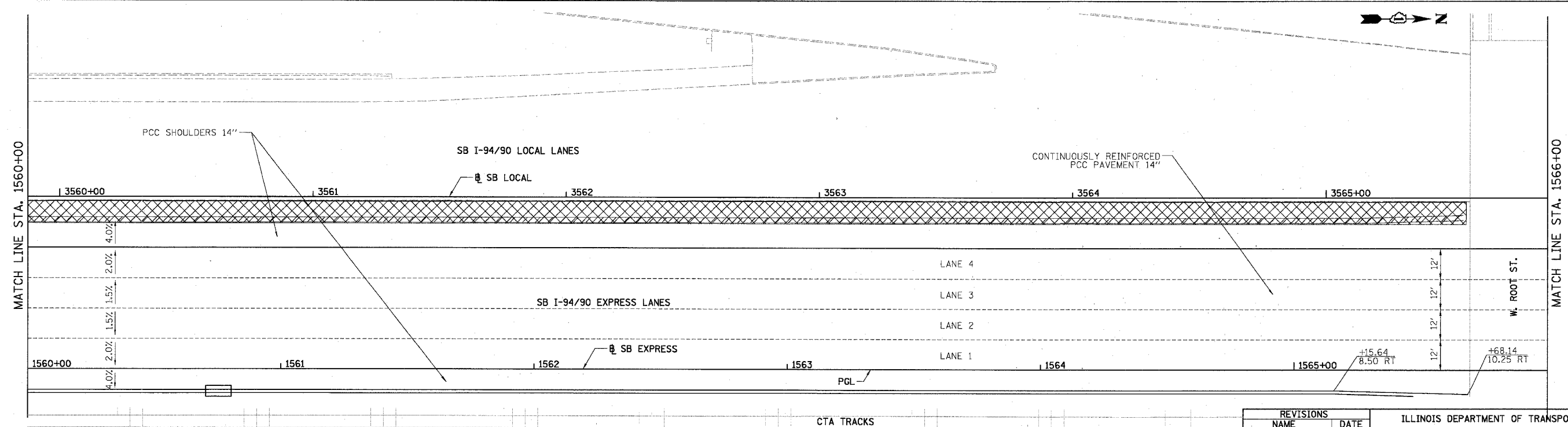
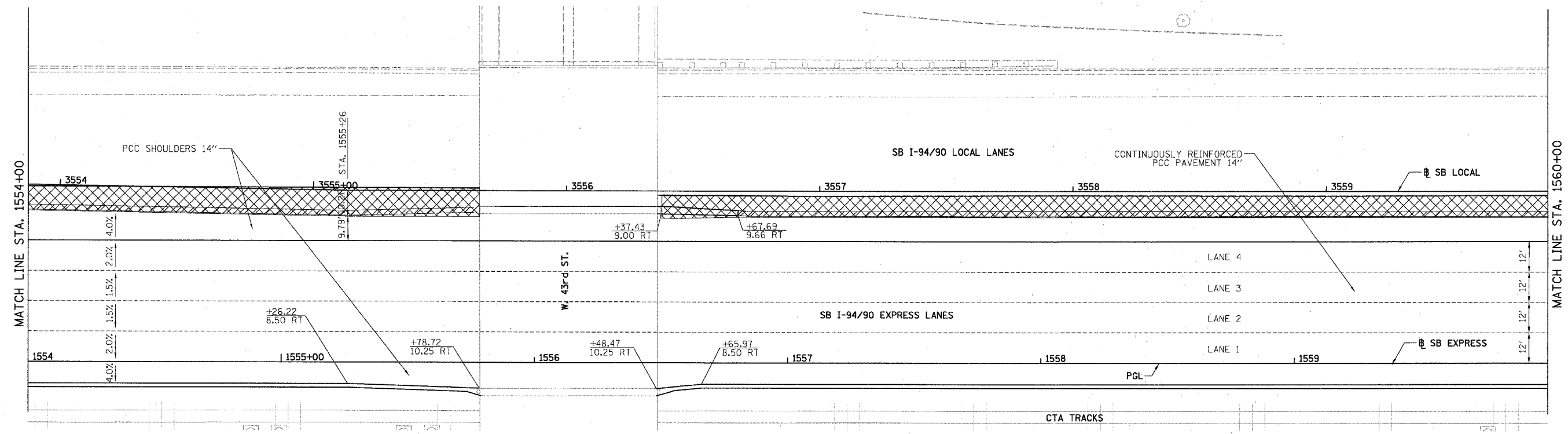
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1542+00 TO STA. 1554+00  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: TER  
 CHECKED BY: JDC

JT-16

12/25/05 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	279
STA. 1554+00		TO STA. 1566+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		*(1818, ETC, 2324.6-1PIR-9		

NOTE:  
 1. PAVEMENT ELEVATIONS ALONG GORES, RAMPS, AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS, FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.



**LEGEND**  
 [\*\*\*] ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES  
 [\*\*\*] ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES  
 [\*\*\*] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT  
 [X/X] TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS

REVISIONS	
NAME	DATE

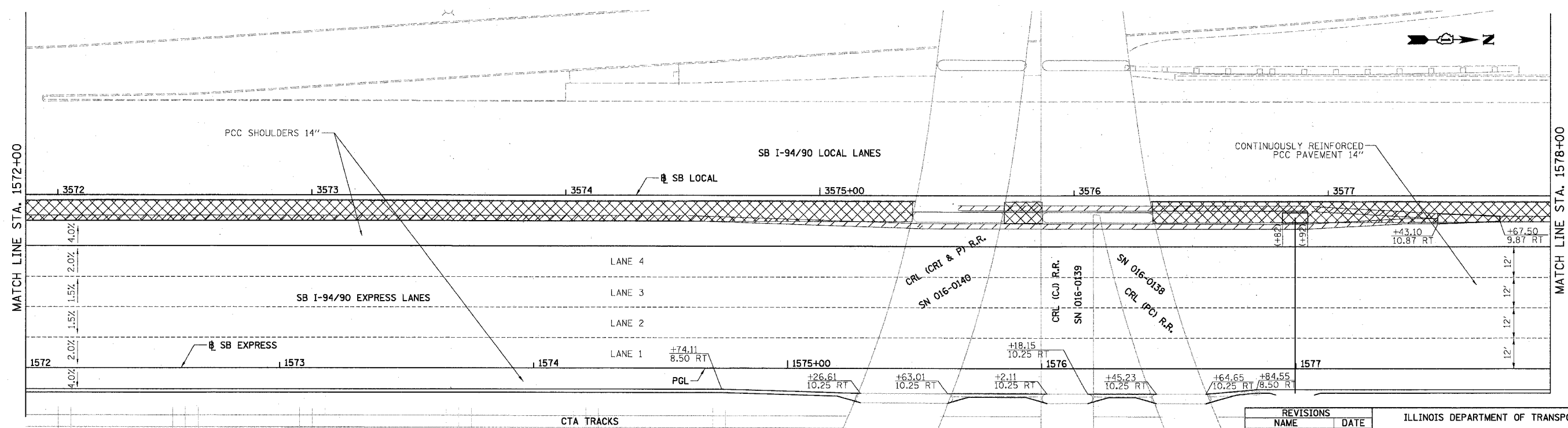
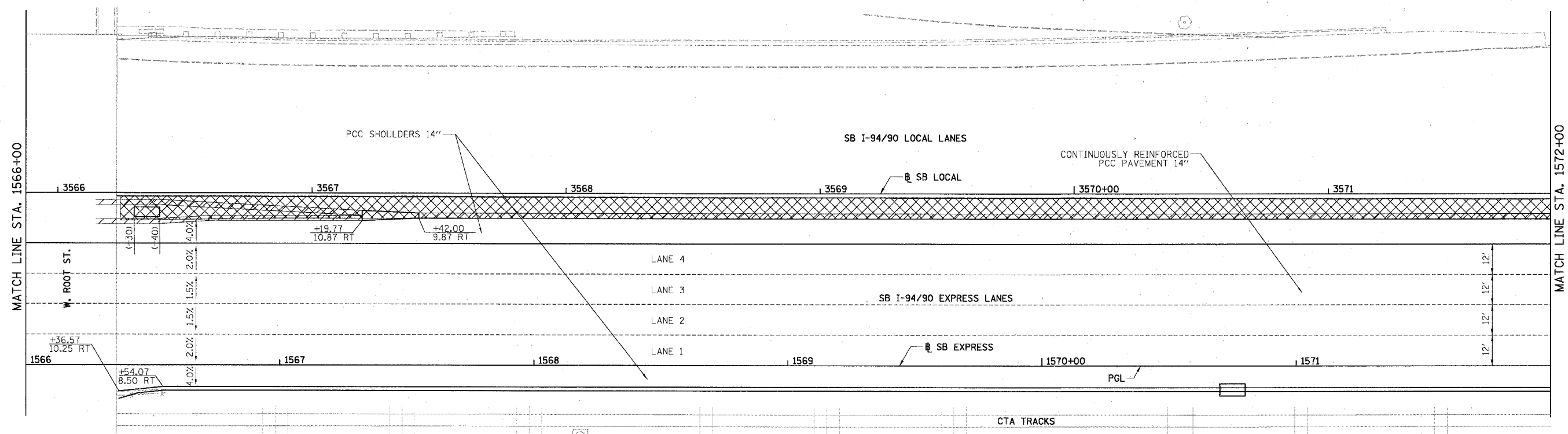
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1554+00 TO STA. 1566+00  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: TER  
 CHECKED BY: JDC

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

JT-17  
 3/26/05 7:41 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	280
STA. 1566+00		TO STA. 1578+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62302		*1818, ETC, 2324.6-1P/R-9		

NOTE:  
 1. PAVEMENT ELEVATIONS ALONG GORES, RAMPS, AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS, FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.



- LEGEND**
- \*\*\* ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES
  - (\*\*\*) ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES
  - [\*\*\*] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT
  - XXXX TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS

REVISIONS	NAME	DATE

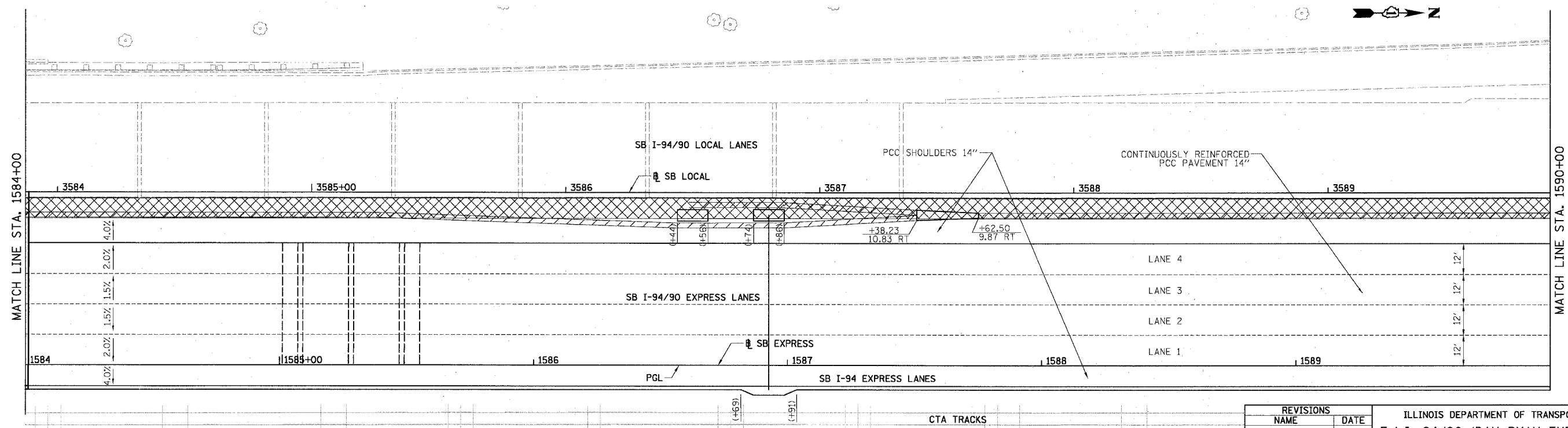
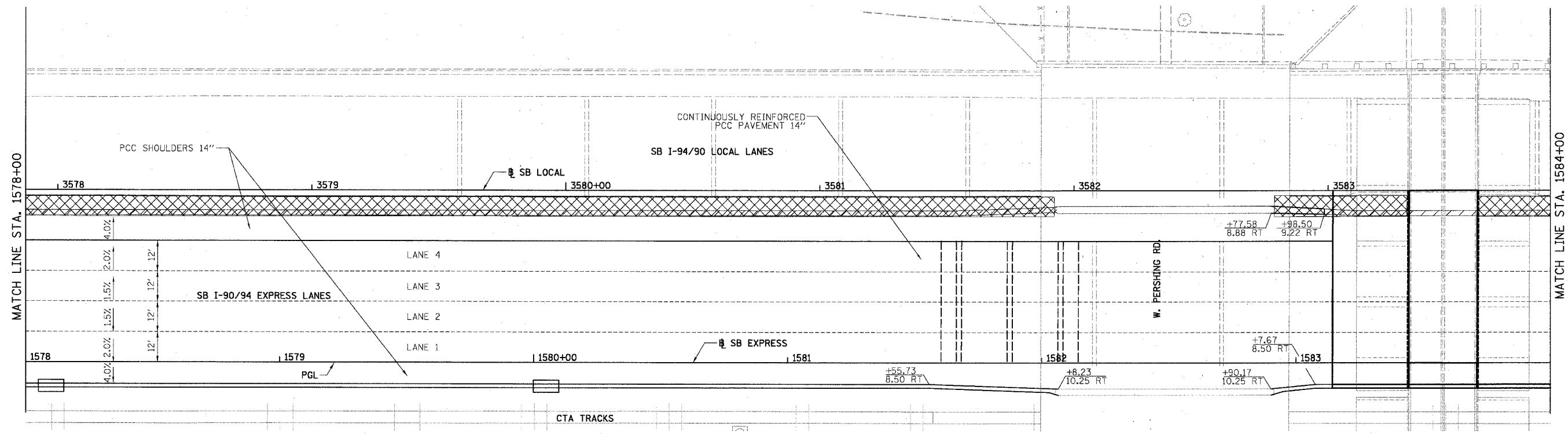
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1566+00 TO STA. 1578+00  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: TER  
 CHECKED BY: JDC

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

JT-18  
 6/24/2005 3:05:37 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	281
STA. 1578+00		TO STA. 1590+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		•(1818, ETC. 2324.6-1)R-9		

NOTE:  
 1. PAVEMENT ELEVATIONS ALONG GORES, RAMPS, AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS, FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.



**LEGEND**  
 \*\*.\*\* ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES  
 (\*\*\*) ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES  
 [\*\*] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT  
 [X] TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS

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

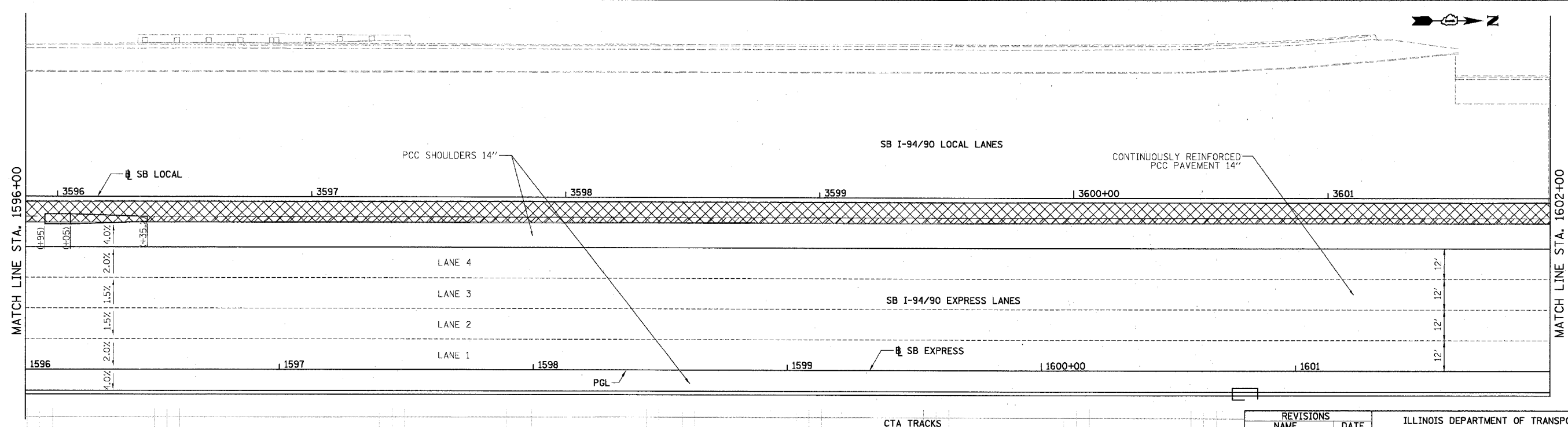
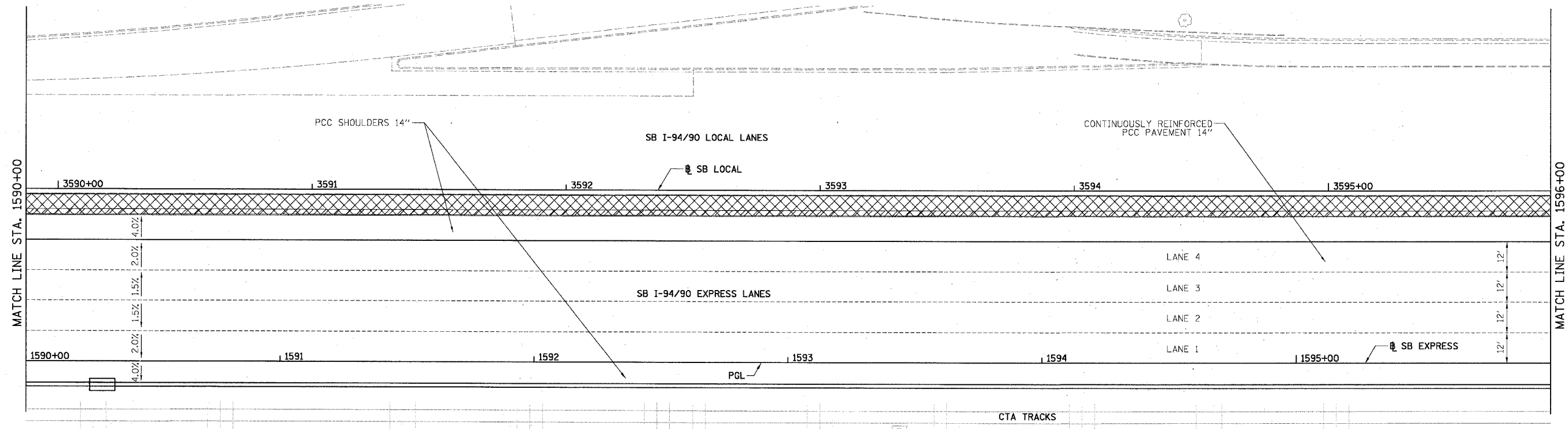
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1578+00 TO STA. 1590+00  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: TER  
 CHECKED BY: JDC

JT-19  
 6/24/2005 3:05:37 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	282
STA. 1590+00		TO STA. 1602+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		*1818, ETC, 2324.6-1PR-9		

NOTE:  
1. PAVEMENT ELEVATIONS ALONG GORES, RAMPS, AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS, FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.



- LEGEND**
- ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES
  - (•••) ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES
  - [•••] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT
  - XXXXX TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94/90 (DAN RYAN EXPRESSWAY)**  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1590+00 TO STA. 1602+00  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: TER  
 CHECKED BY: JDC

BOWMAN, BARRETT & ASSOCIATES INC  
 CONSULTING ENGINEERS  
 Chicago, Illinois  
 312.228.9100  
 www.bbanda.com

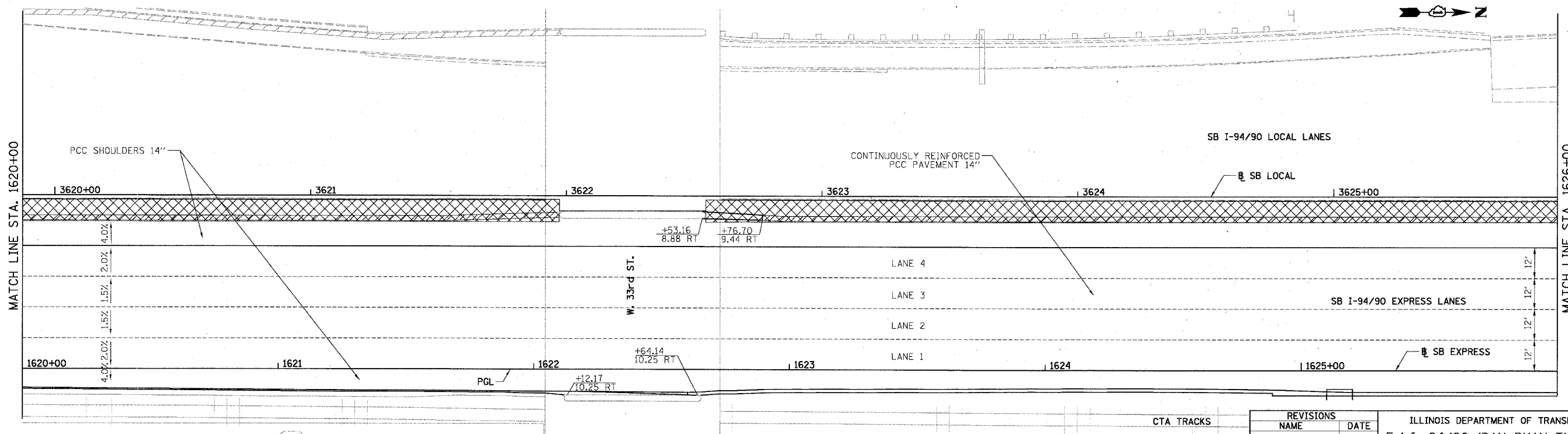
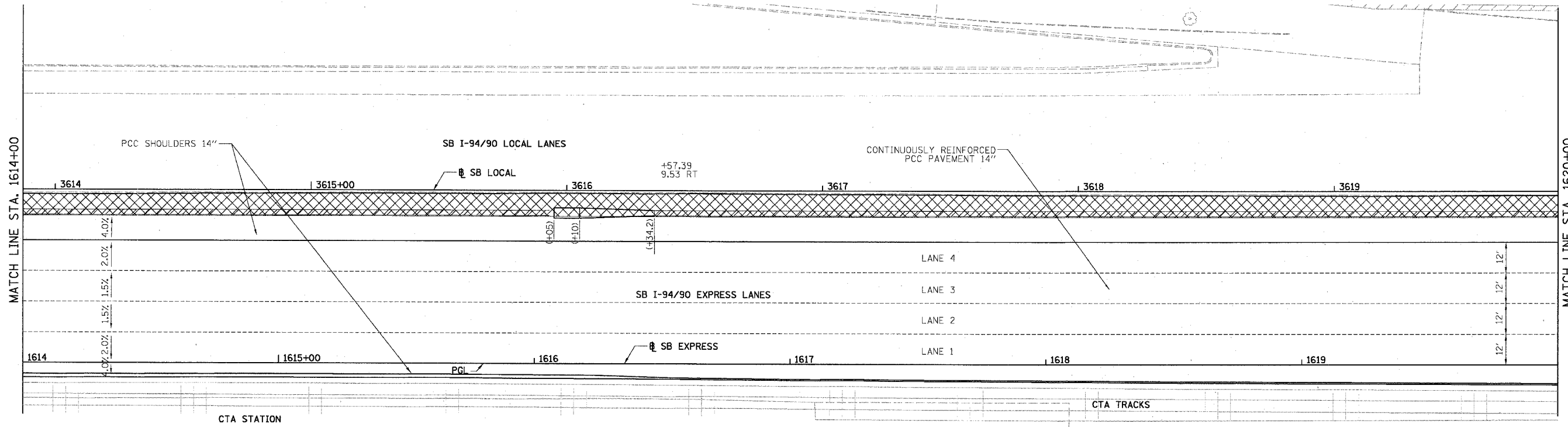
JT-20  
 3:05:38 PM  
 6/24/2005





F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	598	284
STA. 1614+00	TO STA. 1626+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*(1818, ETC, 2324.6-1)R-9			

NOTE:  
 1. PAVEMENT ELEVATIONS ALONG GORES, RAMPS, AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS, FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.



**LEGEND**  
 [\*\*\*] ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES  
 [\*\*\*] ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES  
 [\*\*\*] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT  
 [X/X] TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS

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

REVISIONS NAME	DATE

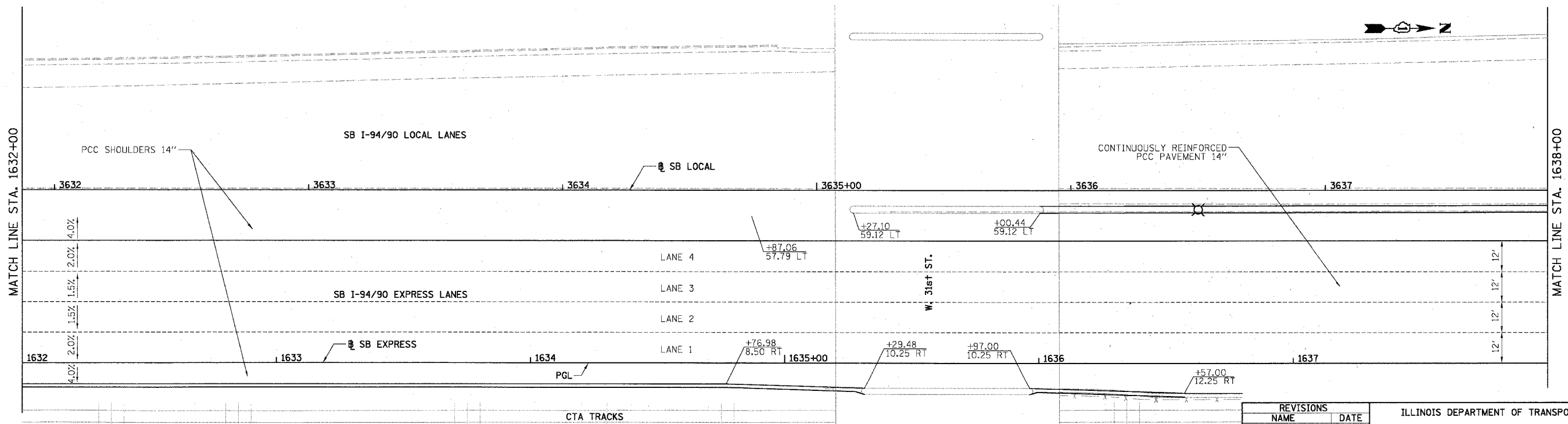
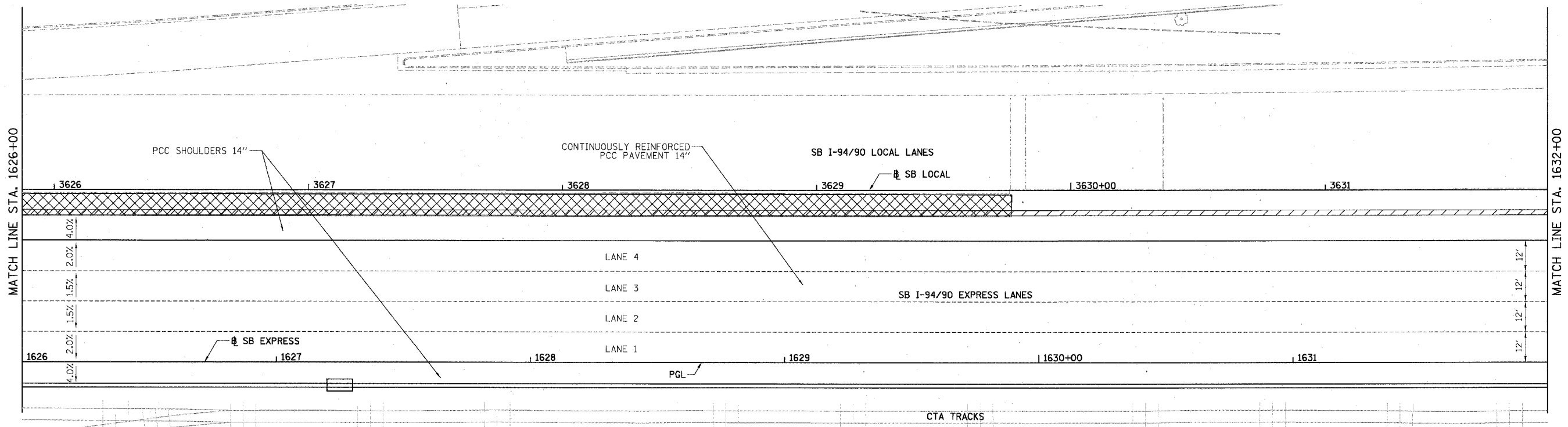
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINTING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1614+00 TO STA. 1626+00  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: TER  
 CHECKED BY: JDC

JT-22  
 6/28/2005 6:33:57 PM

NOTE:

1. PAVEMENT ELEVATIONS ALONG CORES, RAMPS, AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS, FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	598	285
STA. 1626+00		TO STA. 1638+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*0818, ETC., 2324.6-1PJR-9			



LEGEND

- ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES
- (•••) ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES
- [•••] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT
- XXXX TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS

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

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
PAVEMENT JOINING AND ELEVATION PLAN  
SOUTHBOUND STA. 1626+00 TO STA. 1638+00  
SCALE: 1"=20'  
DATE: 07/07/05  
DRAWN BY: TER  
CHECKED BY: JDC

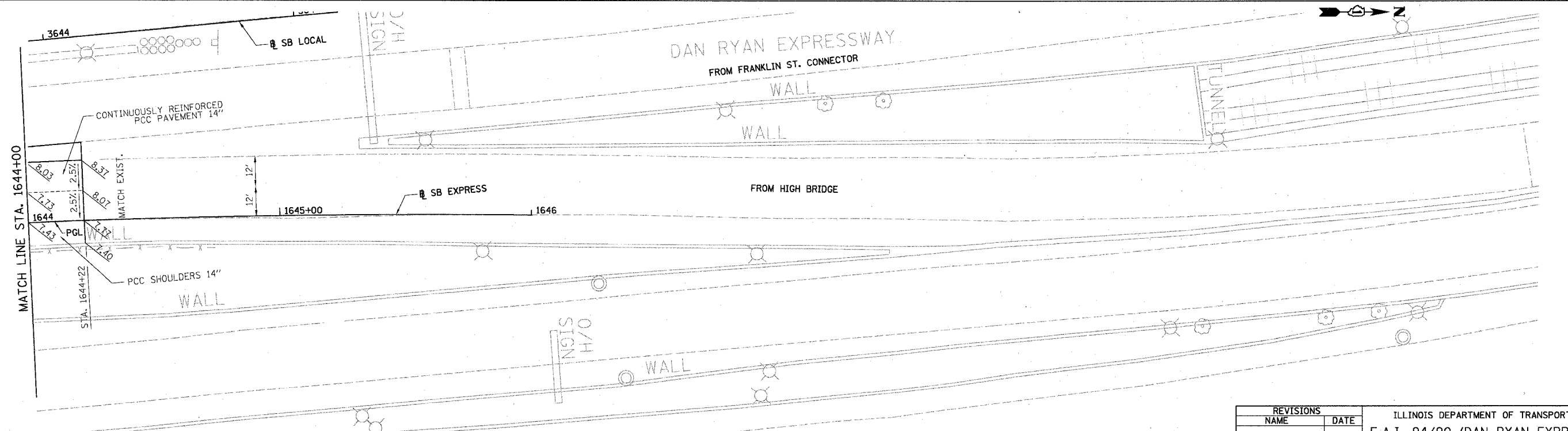
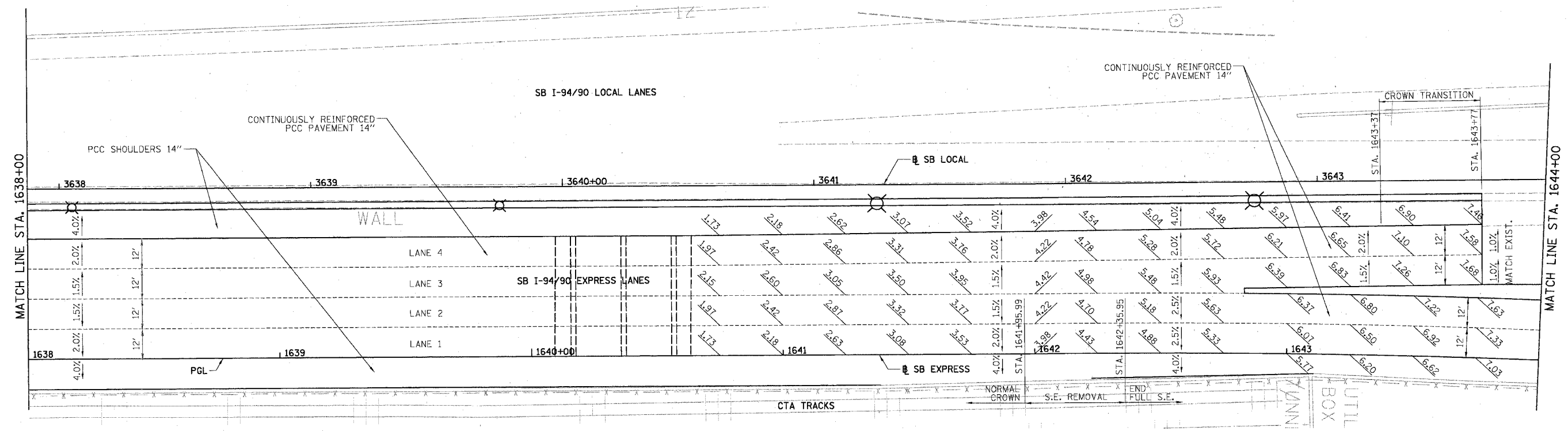
JT-23

m:\660\road\94\90\Drawings\660\_285.dwg

3/25/05 3:38 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	286
STA. 1638+00		TO STA. -		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*(1818, ETC, 2324.6-1PR-9			

NOTE:  
 1. PAVEMENT ELEVATIONS ALONG GORES, RAMPS, AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS, FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.



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

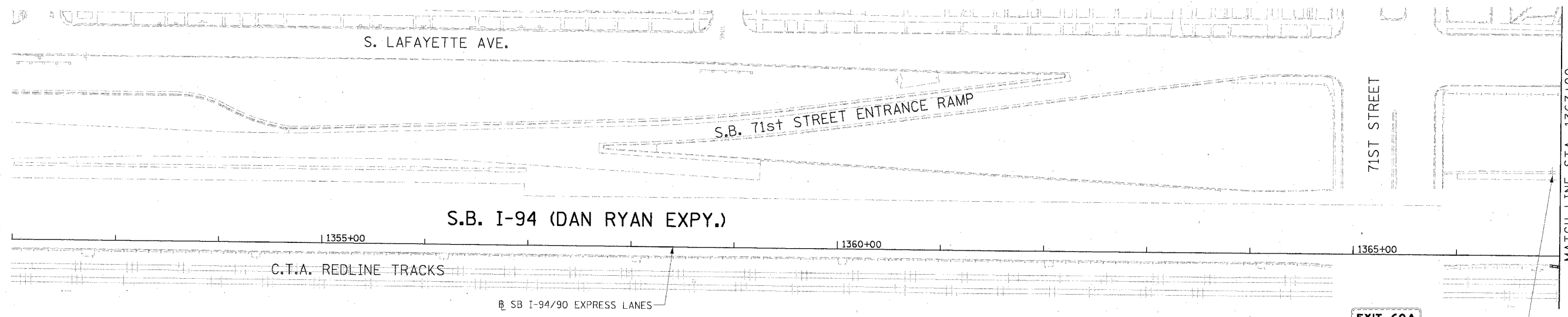
**LEGEND**  
 \*\*\* ELEVATION STATIONED OFF OF SB I-94/90 EXPRESS LANES  
 (\*,\*\*) ELEVATION STATIONED OFF OF SB I-94/90 LOCAL LANES  
 [\*,\*\*] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT  
 [X/X] TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS

REVISIONS	
NAME	DATE

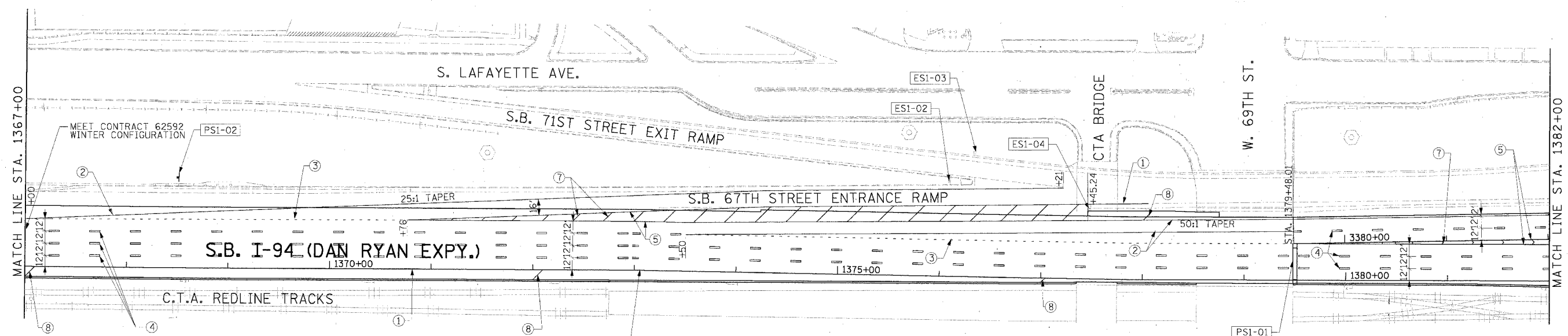
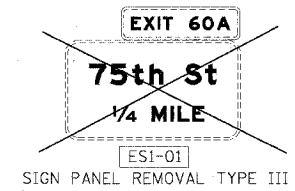
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT JOINING AND ELEVATION PLAN  
 SOUTHBOUND STA. 1638+00 TO STA. -  
 SCALE: 1"=20'  
 DATE: 07/07/05  
 DRAWN BY: TER  
 CHECKED BY: JDC

JT-24  
 5/26/2005

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 287
STA. TO STA.		ILLINOIS FED. AID PROJECT		
62302		11818, ETC, 2324.6-1PIR-9		



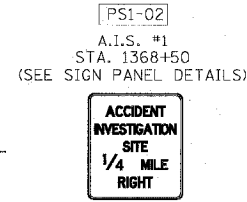
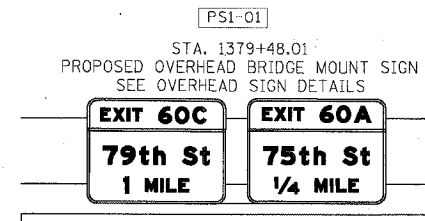
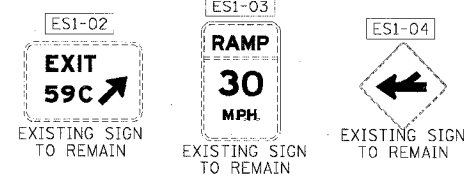
**NOTE:**  
ALL PAVEMENT MARKINGS ON THIS SHEET ARE EPOXY PAVEMENT MARKING UNLESS OTHERWISE NOTED.



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

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

- ESx-xx EXISTING SIGN
- TSx-xx TEMPORARY SIGN
- PSx-xx PROPOSED SIGN



REVISIONS	
NAME	DATE

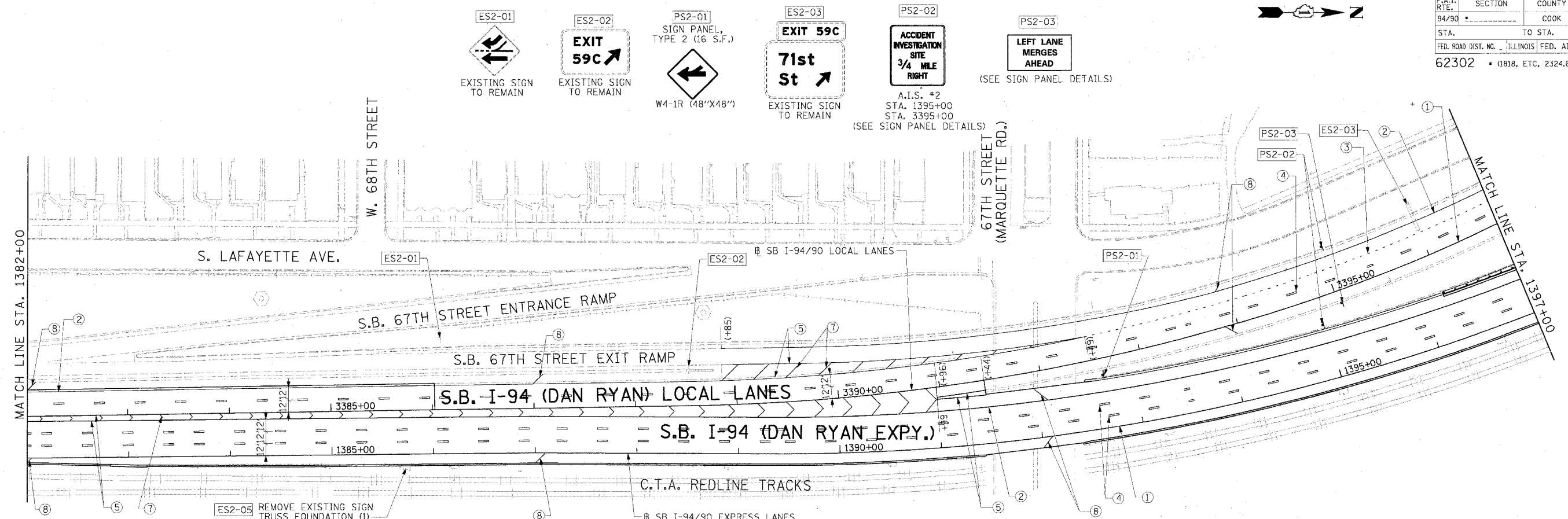
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
PROPOSED PAVEMENT MARKING  
AND SIGNING PLAN  
SOUTHBOUND STA. 1352+00 TO STA. 1382+00  
SCALE: 0" 50' 100'  
DATE: 7/1/05  
DRAWN BY: TAI  
CHECKED BY: PJM



PMK-1  
06/24/2005 10:51:12 AM

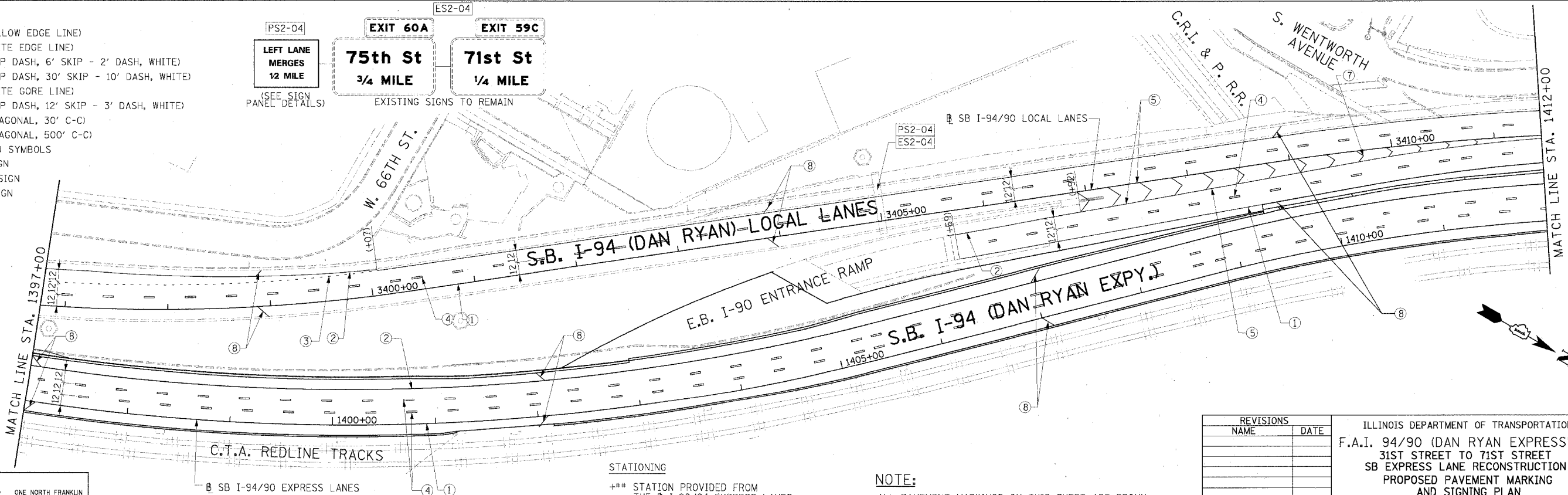
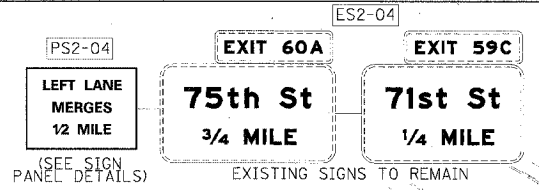


F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 288
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
62302		(1818, ETC, 2324.6-1P)R-9		



**LEGEND**

- ① LINE 4" (YELLOW EDGE LINE)
  - ② LINE 4" (WHITE EDGE LINE)
  - ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
  - ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
  - ⑤ LINE 8" (WHITE GORE LINE)
  - ⑥ LINE 8" (SKP 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 SIGN  
 TSx-xx TEMPORARY SIGN  
 PSx-xx PROPOSED SIGN



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

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

**NOTE:**  
 ALL PAVEMENT MARKINGS ON THIS SHEET ARE EPOXY PAVEMENT MARKING UNLESS OTHERWISE NOTED.

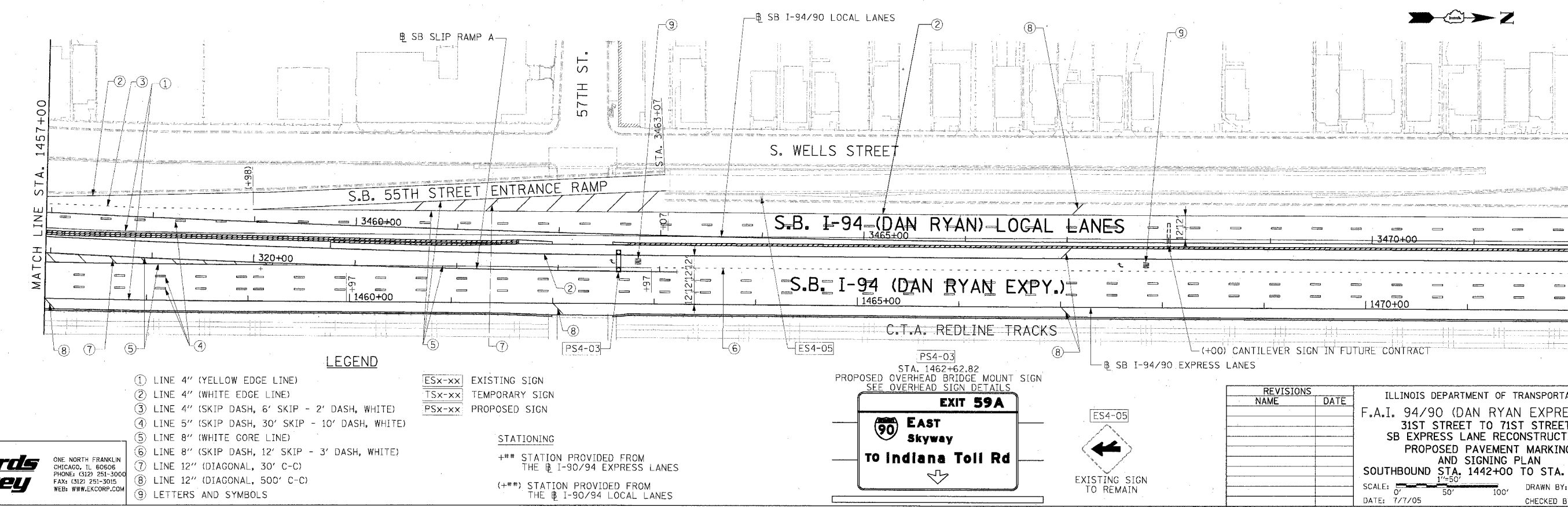
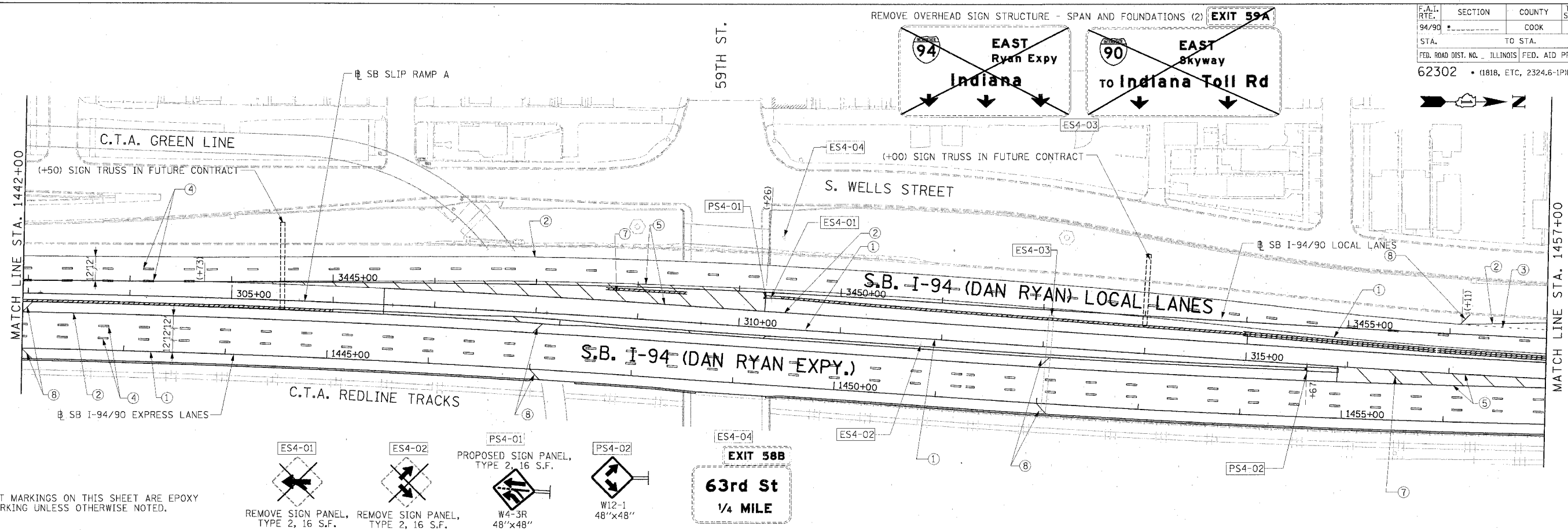
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PROPOSED PAVEMENT MARKING  
 AND SIGNING PLAN  
 SOUTHBOUND STA. 1382+00 TO STA. 1412+00  
 SCALE: 0" = 50' 100'  
 DATE: 7/7/05  
 DRAWN BY: TAI  
 CHECKED BY: PJM

PMK-2  
 06/24/2005 10:55:54 AM



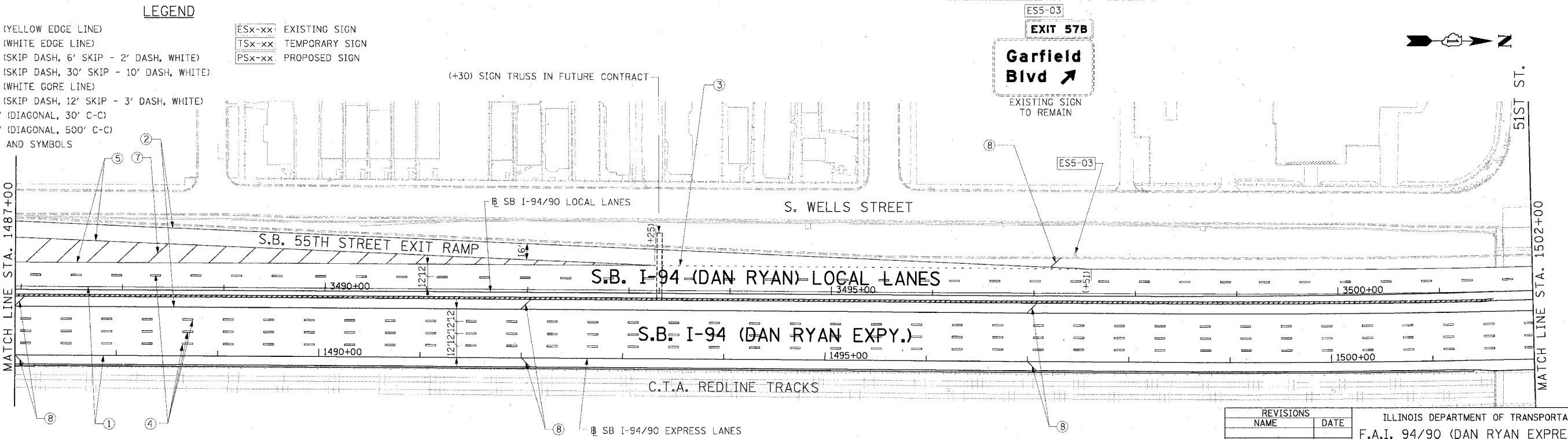
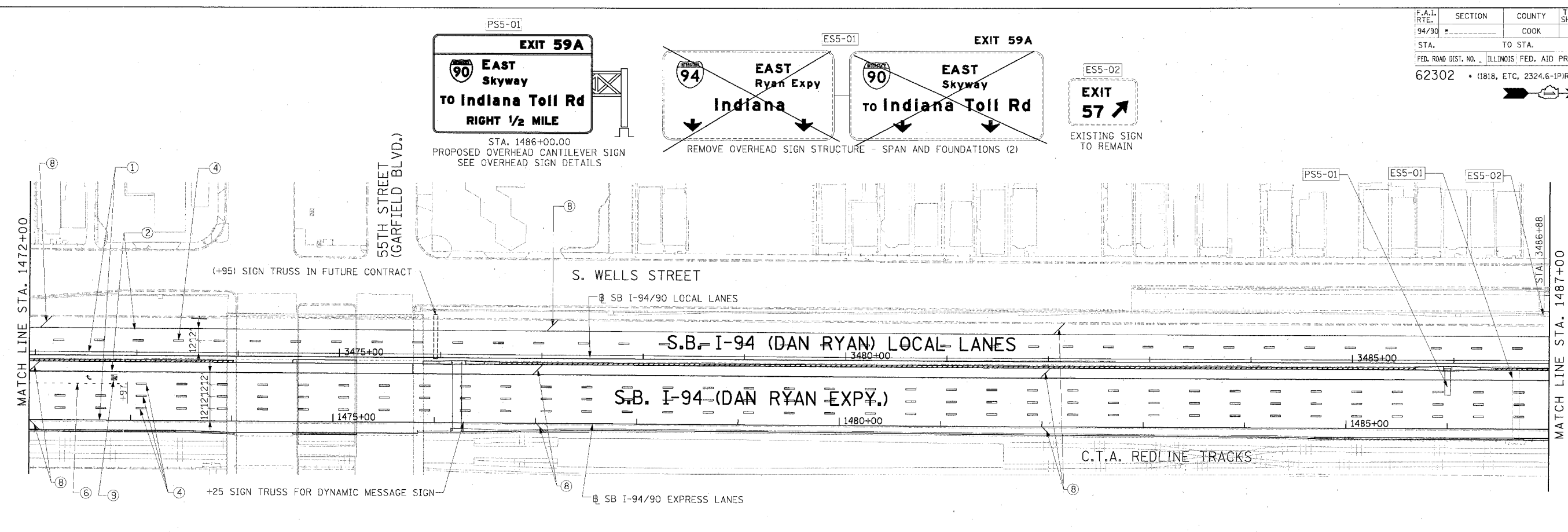
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	290
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	11818, ETC, 2324.6-1PJR-9			



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

06/24/2005 10:56:26 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	291
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	(1818, ETC, 2324.6-1PR-9			



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

- ESx-xx EXISTING SIGN
- TSx-xx TEMPORARY SIGN
- PSx-xx PROPOSED SIGN

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

**NOTE:**  
 ALL PAVEMENT MARKINGS ON THIS SHEET ARE EPOXY PAVEMENT MARKING UNLESS OTHERWISE NOTED.

REVISIONS NAME	DATE

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



PMK-5  
 06/24/2005 10:16:48 AM  
 P:\030095\03\Con\1487\5\ADD\15\15005291.dwg

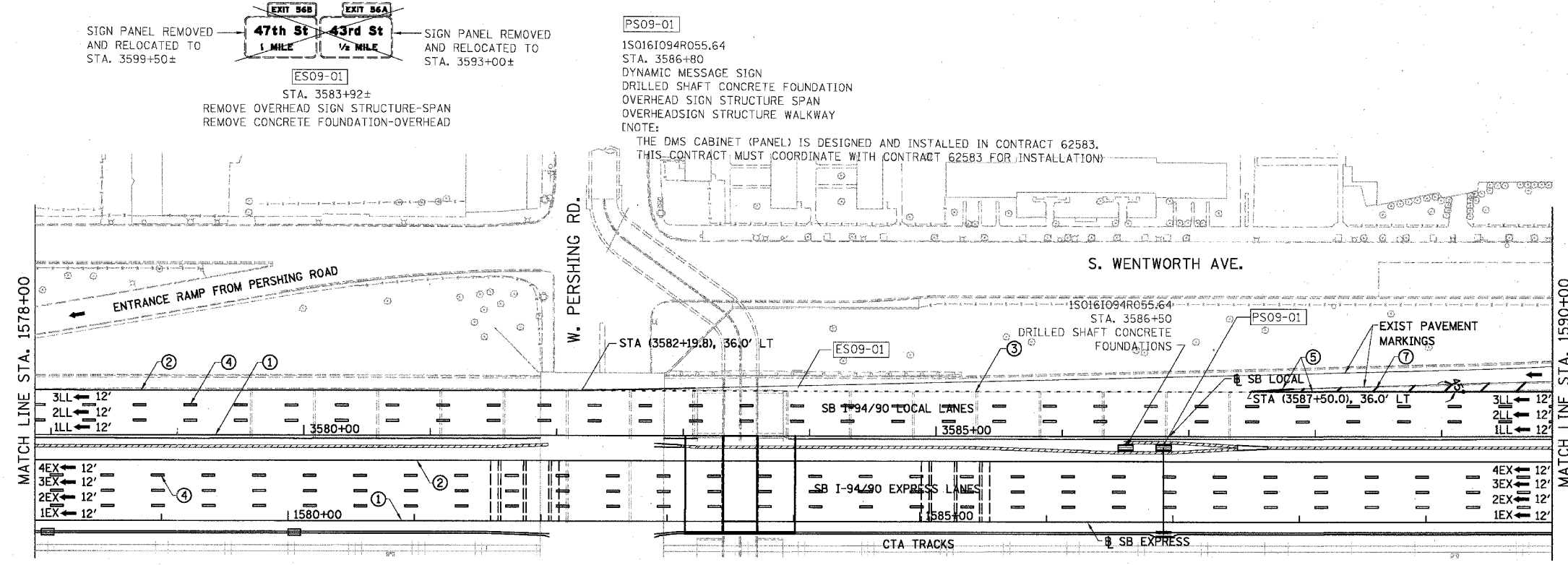




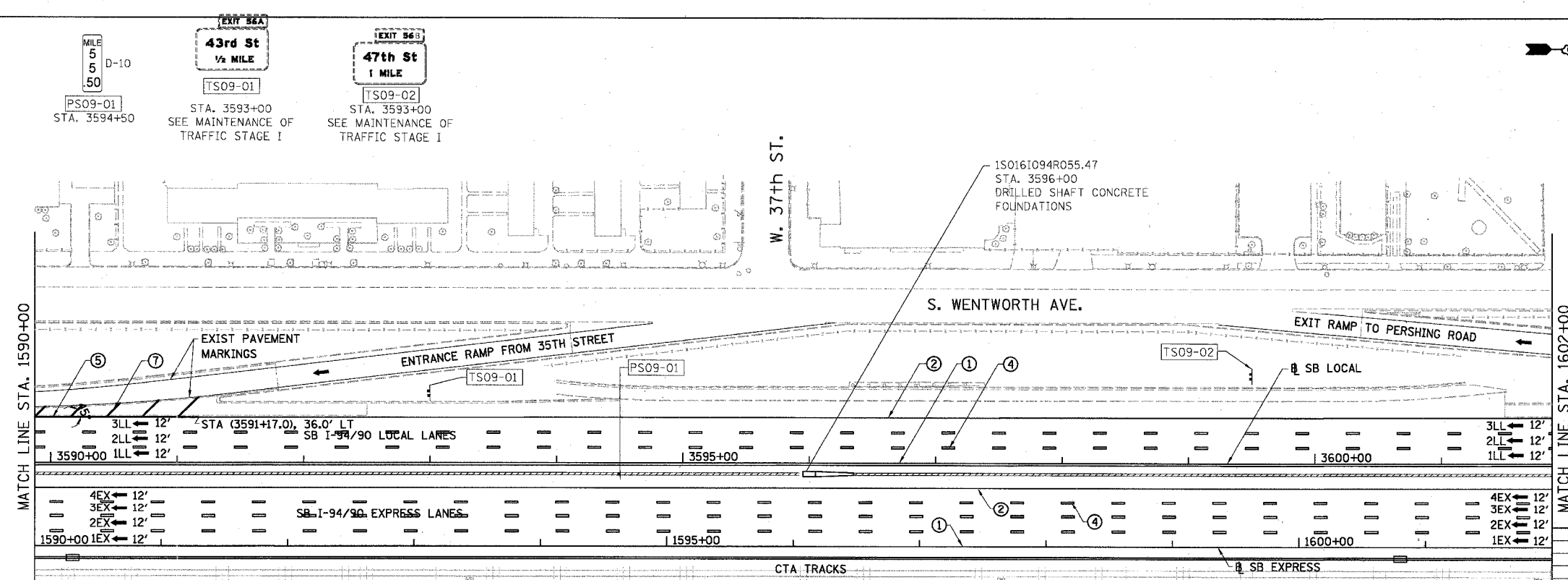




F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	295
STA. 1578+00		TO STA. 1602+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302 • (1818, ETC, 2324.6-1PR-9				



- LEGEND**
- ① LINE 4" (YELLOW EDGE LINE)
  - ② LINE 4" (WHITE EDGE LINE)
  - ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
  - ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
  - ⑤ LINE 8" (WHITE GORE LINE)
  - ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
  - ⑦ LINE 12" (DIAGONAL, 30' C-C)
  - ⑧ LINE 12" (DIAGONAL, 500' C-C)
  - ⑨ LETTERS AND SYMBOLS
- ESx-xx EXISTING SIGNS  
 TSx-xx TEMPORARY SIGNS  
 PSx-xx PROPOSED SIGNS



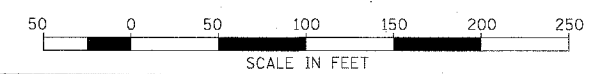
**STATIONING**

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

NOTE:  
 ALL PAVEMENT MARKINGS ON THIS SHEET WILL BE EPOXY PAVEMENT MARKING, UNLESS OTHERWISE NOTED. PMK-9

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31ST STREET TO 71ST STREET  
 SB EXPRESS LANE RECONSTRUCTION  
 PAVEMENT MARKING AND SIGNING PLAN  
 SOUTHBOUND STA. 1578+00 TO STA. 1602+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.bbandainc.com

6/24/2005 3:55:27 PM

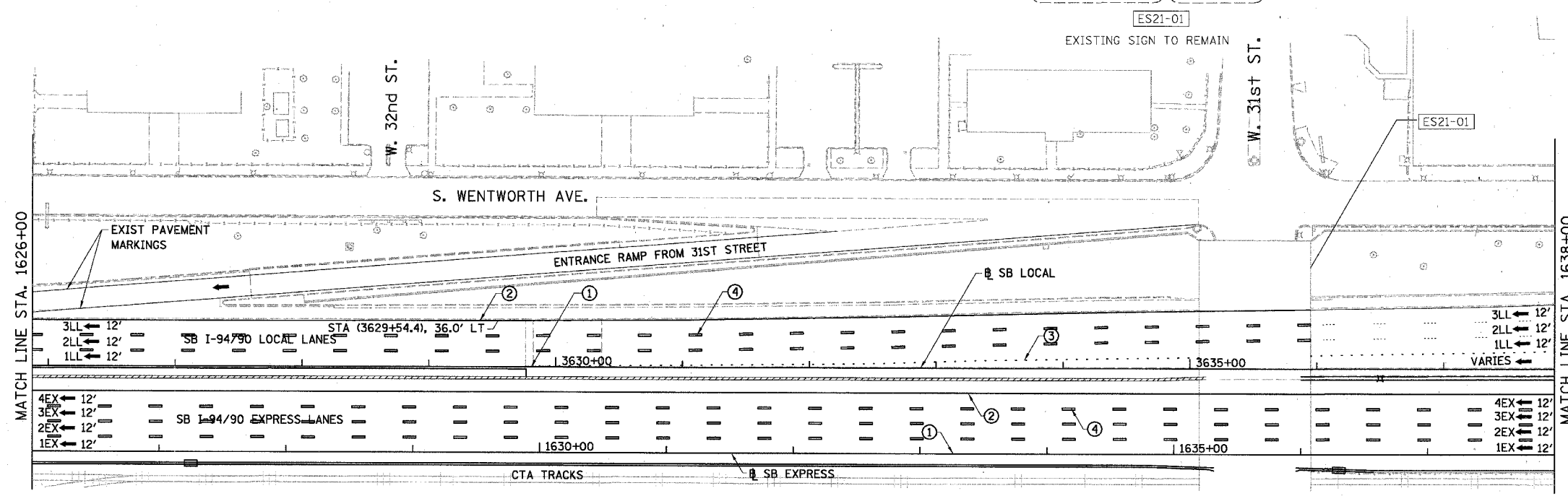


F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	297
STA. 1626+00		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

62302 \*1818, ETC, 2324.6-1P1R-9

EXIT 55B  
Pershing Rd  
1/2 MILE

EXIT 55A  
35th St  
1/4 MILE



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

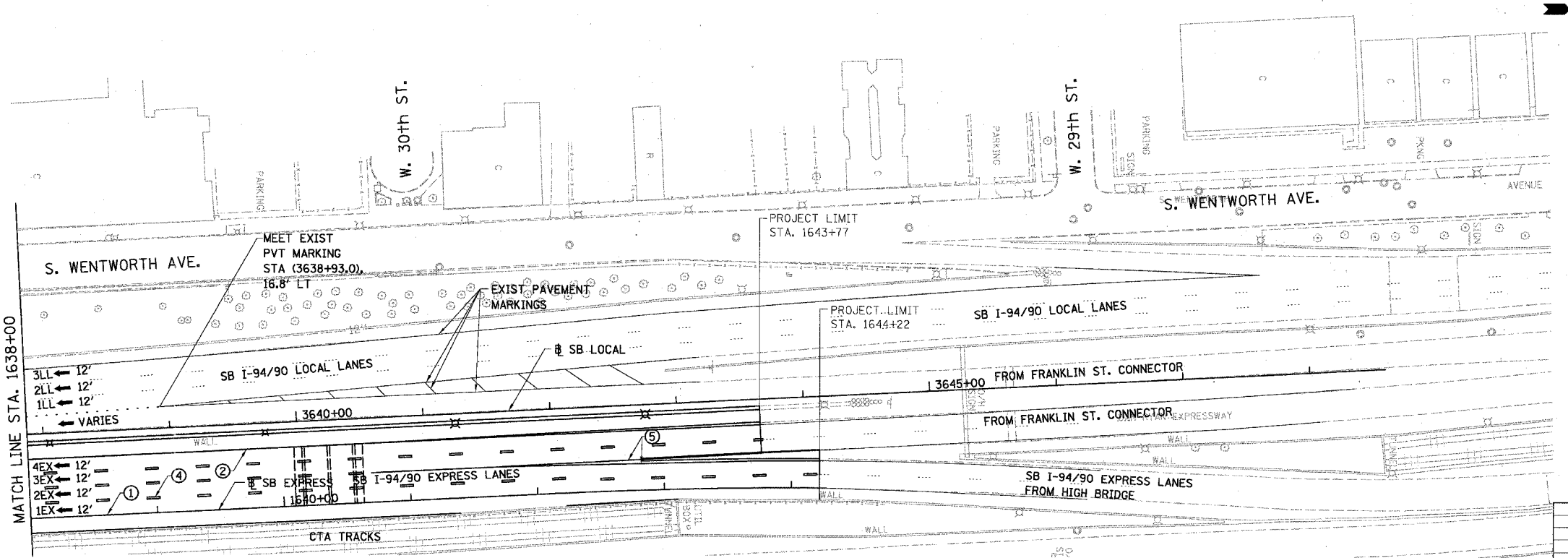
- ESx-xx EXISTING SIGNS
- TSx-xx TEMPORARY SIGNS
- PSx-xx PROPOSED SIGNS

**STATIONING**

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

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

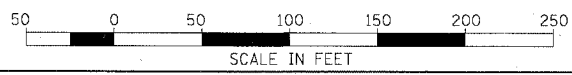
[+\*\*.\*\*.] STATION PROVIDED FROM THE SLIP RAMP



NOTE:

ALL PAVEMENT MARKINGS ON THIS SHEET WILL BE EPOXY PAVEMENT MARKING, UNLESS OTHERWISE NOTED.

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



REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
SB EXPRESS LANE RECONSTRUCTION  
PAVEMENT MARKING AND SIGNING PLAN  
SOUTHBOUND STA. 1626+00 TO STA.

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

DRAWN BY: RA  
CHECKED BY: RS

6/24/2005 3:24 PM



**SIGN DETAIL**  
1/75

**SIGN NUMBER** name  
WIDTH x HEIGHT: 21'-0" x 12'-6"  
BORDER WIDTH: 2"  
CORNER RADIUS: 9"  
MOUNTING: Overhead  
BACKGROUND: TYPE: Reflective  
COLOR: Green  
LEGEND/BORDER: TYPE: Reflective  
COLOR: White/White

**SYMBOL** X Y WID HGT  
M\_1 84 77.5 36 36  
A\_1 111 12 30 20.6

Panel Style: guide\_exp\_advance\_a.ssi  
Dimensions are in inches/teenths  
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)		LENGTH	SERIES/SIZE															
E	X	I	T	S	9	A			EM									
136.3	147.6	160.4	165.8	169.1	204.1	220			96.7	12,15								
E	A	S	T						EM									
133	142.4	150.9	169						45.8	12								
S	k	y	w	a	y				EM									
132	145.4	156.4	167.3	181.5	192.5				70.2	129								
T	O	I	n	d	i	a	n	a	T	o	I	l	R	d		EM		
14.6	25.8	47.8	57.4	72.6	88.9	95.9	113.2	128.3	138.5	154.5	169.3	184.7	193.9	196.8	212.8	259.8	226.4	12,1612

**SIGN DETAIL**  
1/75

**SIGN NUMBER** name  
WIDTH x HEIGHT: 10'-0" x 8'-0"  
BORDER WIDTH: 2"  
CORNER RADIUS: 9"  
MOUNTING: Overhead  
BACKGROUND: TYPE: Reflective  
COLOR: Green  
LEGEND/BORDER: TYPE: Reflective  
COLOR: White/White

**SYMBOL** X Y WID HGT  
M\_1 84 77.5 36 36  
A\_1 111 12 30 20.6

Panel Style: guide\_exp\_advance\_a.ssi  
Dimensions are in inches/teenths  
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)		LENGTH	SERIES/SIZE							
E	X	I	T	6	0	C			E	
13.6	24.9	37.7	42.2	69	84.1	100.5			98.8	12,15
7	9	t	h	S	t				EM	
14.8	30.8	47.8	60.8	71.1	87	103.2			96.5	1612
1	M	I	L	E					EM	
86.8	88.9	87.9	73.5	81.9					82.5	15,10

**SIGN DETAIL**  
1/75

**SIGN NUMBER** name  
WIDTH x HEIGHT: 21'-0" x 12'-6"  
BORDER WIDTH: 2"  
CORNER RADIUS: 9"  
MOUNTING: Overhead  
BACKGROUND: TYPE: Reflective  
COLOR: Green  
LEGEND/BORDER: TYPE: Reflective  
COLOR: White/White

**SYMBOL** X Y WID HGT  
M\_1 84 77.5 36 36  
A\_1 111 12 30 20.6

Panel Style: guide\_exp\_advance\_a.ssi  
Dimensions are in inches/teenths  
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)		LENGTH	SERIES/SIZE																
E	X	I	T	S	9	A			EM										
136.3	147.6	160.4	165.8	169.1	204.1	220			96.7	12,15									
E	A	S	T						EM										
133	142.4	150.9	169						45.8	12									
S	k	y	w	a	y				EM										
132	145.4	156.4	167.3	181.5	192.5				70.2	129									
T	O	I	n	d	i	a	n	a	T	o	I	l	R	d		EM			
14.6	25.8	47.8	57.4	72.6	88.9	95.9	113.2	128.3	138.5	154.5	169.3	184.7	193.9	196.8	212.8	259.8	226.4	12,1612	
R	I	O	H	T	1/2	M	I	L	E										EM
69	72.5	77	87.6	97.7	120	137	168.7	178.3	182.7									128	10,15

**SIGN DETAIL**  
1/75

**SIGN NUMBER** name  
WIDTH x HEIGHT: 10'-0" x 8'-0"  
BORDER WIDTH: 2"  
CORNER RADIUS: 9"  
MOUNTING: Overhead  
BACKGROUND: TYPE: Reflective  
COLOR: Green  
LEGEND/BORDER: TYPE: Reflective  
COLOR: White/White

**SYMBOL** X Y WID HGT  
M\_1 84 77.5 36 36  
A\_1 111 12 30 20.6

Panel Style: guide\_exp\_advance\_a.ssi  
Dimensions are in inches/teenths  
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)		LENGTH	SERIES/SIZE							
E	X	I	T	6	0	A			E	
13.6	24.9	37.7	42.2	69	84.3	100.7			102.2	12,15,1
7	S	t	h	S	t				EM	
14.8	30.8	47.8	60.8	71.1	87.1	103.2			96.5	1612
1	M	I	L	E					EM	
28	45	76.7	81.3	90.7					76	15,10

REVISIONS	
NAME	DATE

PA-03009103-35 Con 4815 CAD/DVS/SS/0012-2H 06/24/2005 10:22:42 AM



