

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	(1818, ETC, 2324.6-1P)R-8			

GENERAL NOTES

1. USE NO. 8 EPOXY-COATED TIE BARS CONFORMING TO ARTICLE 1006.10(B)(2) OF THE STANDARD SPECIFICATIONS FOR LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR AS SHOWN ON STATE STANDARD 420001 AND FOR TYING P.C.C. WIDENING TO EXISTING CONCRETE PAVEMENT AS SHOWN ON THE PLANS. THE TIE BARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT ITEMS BEING CONSTRUCTED.

2. UTILITY LOCATIONS SHOWN ON THESE PLANS MAY NOT BE CORRECT OR COMPLETE. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE RESPECTIVE UTILITY COMPANIES AND THE CITY OF CHICAGO. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL THE CHICAGO UTILITY ALERT NETWORK AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, CABLE, AND GAS FACILITIES (48 HOURS NOTIFICATION IS REQUIRED). CONTACT THE CHICAGO DEPARTMENT OF WATER MANAGEMENT PERMIT SECTION AT (312) 747-7893 FOR WATER AND SEWER LOCATIONS.

THE CONTRACTOR IS ALERTED THAT THERE ARE EXISTING CTA UTILITY FACILITIES WITHIN AND ADJACENT TO THE CTA OPERATING AREA. THE EXACT LOCATION OF THESE FACILITIES IS NOT KNOWN. THE CONTRACTOR MUST CONTACT THE CTA AT 312-681-3860 FOR LOCATIONS OF THESE FACILITIES BEFORE PROCEEDING WITH ANY WORK WITHIN OR ADJACENT TO THE CTA OPERATING AREA.

3. WHERE SECTION AND SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS. THE ENGINEER OR AN AUTHORIZED SURVEYOR AGENT WILL WITNESS OR OTHERWISE REFERENCE AND RESET MONUMENTS AS NECESSARY. ALL PROPERTY CORNERS EXCEPT THOSE WITHIN AREAS WHERE THE SCHEDULE, IF PROVIDED, SHOWS PLACEMENT OF RIGHT OF WAY MARKERS SHALL REMAIN UNDISTURBED.

4. THE CONTRACTOR SHALL NOT SET UP A YARD OR FIELD OFFICE ON I.D.O.T. PROPERTY WITHOUT WRITTEN PERMISSION FROM I.D.O.T.

5. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.

6. _____

7. WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTION IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND THE ADJOINING COMMERCIAL AND RESIDENTIAL AREAS.

8. ALL ELEVATIONS IN THIS PLAN SET ARE IN THE CHICAGO CITY DATUM (CCD). THE FOLLOWING CONVERSION FACTOR IS USED FOR CONVERTING CCD TO NAVD 88: NAVD 88 ELEVATION = CCD + 579.19

9. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

10. THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTORS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, INLETS AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE INCLUDING PAVEMENT. THIS WORK SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.

11. ON STATE STANDARD 483001, SUB-BASE GRANULAR MATERIAL, TYPE B 24", SHALL BE USED AS THE IMPROVED SUBGRADE. THE ADDITIONAL THICKNESS OF SUB-BASE GRANULAR MATERIAL UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST PER SQUARE YARD OF "SUB-BASE GRANULAR MATERIAL, TYPE B 24"."

12. ALL STORM SEWER CONNECTIONS WITH PIPES 27 INCH DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 27 INCH DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE SAME TIME IT IS MANUFACTURED. PRECAST "TEE" OR "WYE" PIPE CONNECTIONS FOR THE PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST FOR THE STORM SEWER.

14. THE UNIT WEIGHT USED FOR ALL BITUMINOUS SURFACE MIXTURES IS 112 LB/SQ YD/IN.

15. LOCATIONS OF ACCESS CONTROL FENCING AS SHOWN ON THE PLANS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO BETTER FIT FIELD CONDITIONS.

16. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT NO GAP REMAINS BETWEEN PROPOSED FENCING OR WHERE PROPOSED FENCING TERMINATES AND EXISTING FENCE REMAINS IN PLACE.

17. THE LOCATION OF VARIOUS ITEMS SUCH AS PAVEMENT, BARRIER WALLS, AND DRAINAGE STRUCTURES BUILT IN CONTRACTS UNDER CONSTRUCTION DURING THE PREPARATION OF THESE PLANS IS BASED ON THE PUBLISHED CONTRACT PLAN DRAWINGS AVAILABLE DURING DESIGN. THE CONTRACTOR MUST FIELD VERIFY LIMITS, LOCATIONS AND ELEVATIONS OF THESE PREVIOUSLY CONSTRUCTED ITEMS.

18. TEN FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

19. TEMPORARY CONCRETE BARRIER - THE BARRIER UNIT AT EACH END OF THE INSTALLATIONS SHALL BE SECURED TO THE PAVEMENT OR SHOULDER USING THREE ANCHORING PINS FOR F SHAPE OR THREE DOWEL BARS FOR NEW JERSEY SHAPE.

20. HAMMER DRIVING OF PILES WILL NOT BE ALLOWED. ALL PILES MUST BE VIBRATED INTO PLACE.

21. CRUSHING PLANT AND CONCRETE PLANT LOCATIONS REQUIRE CITY OF CHICAGO APPROVAL.

LIST OF STANDARDS

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 280001-02 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-06 PAVEMENT JOINTS
- 420111-01 PCC PAVEMENT ROUNDOUTS
- 420401-05 BRIDGE APPROACH PAVEMENT
- 421001-01 BAR REINFORCEMENT FOR CONTINUOUSLY REINFORCED PCC PAVEMENT
- 421201-04 7.2M (24") CRC PAVEMENT (WITH LUG SYSTEM)
- 421206-04 10.8M (36") CRC PAVEMENT (WITH LUG SYSTEM)
- 483001-02 PCC SHOULDER
- 602001 CATCH BASIN, TYPE A
- 602101-01 DRAINAGE STRUCTURES, TYPES 1, 2, & 3
- 602301 INLET, TYPE A
- 602401 MANHOLE, TYPE A
- 602406-01 MANHOLE, TYPE A, 1800mm (72") DIAMETER
- 602601 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701 CAST IRON STEPS
- 604001-02 FRAME AND LID, TYPE 1
- 604071-02 FRAME AND GRATE, TYPE 20
- 604076-02 FRAME AND GRATE, TYPE 21
- 604081-02 FRAME AND GRATES, TYPE 22
- 630301-03 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631031-05 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-01 REFLECTOR MARKER AND MOUNTING DETAILS
- 637001-02 CONCRETE BARRIER 815 MM (32 IN.) HEIGHT
- 664001-01 CHAIN LINK FENCE
- 701101-01 OFF-ROAD OPERATIONS, MULTILANE, LESS THAN 15' AWAY, FOR SPEEDS >= 45 MPH
- 701400-02 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-03 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701402-05 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
- 701411-03 LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS >= 45 MPH TO 55 MPH
- 701446 TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 702001-05 TRAFFIC CONTROL DEVICES
- 704001-02 TEMPORARY CONCRETE BARRIER
- 720001 SIGN PANEL MOUNTING DETAILS
- 720006 SIGN PANEL ERECTION DETAILS
- 720011 METAL POSTS (SIGNS, MARKERS AND DELINEATORS)
- 729001 APPLICATION OF TYPE A AND B POSTS
- 780001-01 TYPICAL PAVEMENT MARKINGS

PROJECT COMMITMENTS

IDOT HAS MADE THE FOLLOWING COMMITMENTS FOR THIS PROJECT:

IDOT HAS COMMITTED TO ADDRESS CONSTRUCTION RELATED AIR QUALITY CONCERNS. THESE STRATEGIES INCLUDE REQUIRING DETAILED DUST CONTROL PLANS, REQUIRING THE USE OF CLEANER BURNING DIESEL FUELS ON CERTAIN DIESEL POWERED CONSTRUCTION EQUIPMENT AND/OR THE INSTALLATION OF EXHAUST EMISSION SCRUBBERS, AND THE REDUCTION OF CONSTRUCTION EQUIPMENT IDLING TIMES. THESE STRATEGIES ARE ADDRESSED IN SPECIAL PROVISIONS INCLUDED IN THIS CONTRACT AND DEVELOPED FOR THE DAN RYAN RECONSTRUCTION PROJECT.

IDOT HAS COMMITTED TO REDUCE TIRE-PAVEMENT HIGHWAY TRAFFIC NOISE FOR THE FINISHED PROJECT BY INCLUDING A SPECIAL PROVISION TO INCORPORATE VARIABLE WIDTH AND SKEWED "TINING" OF THE NEW CONCRETE PAVEMENT.

GEN-1

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

SCALE: NONE DRAWN BY: LPN
 DATE: 7/1/05 CHECKED BY: PJM



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



BOWMAN, BARRETT
 & ASSOCIATES
 SUITE 2650
 130 E. RANDOLPH ST.
 CHICAGO, IL 60601

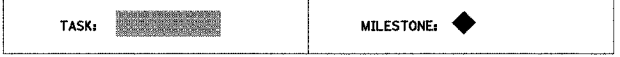
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Project Construction Schedule Dan Ryan Expressway

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	*0818, ETC.	2324.6-1PR-9		

ID	Task Name	Duration	Start	Finish	2005			2006												2007												
					Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Oct						
1	LOCAL LANE PAVEMENT PATCHING	52 days	Sat 10/1/05	Wed 11/30/05																												
2	SETUP AND MAINTAIN ALTERNATE ROUTE SIGNING	359 days	Mon 1/2/06	Wed 2/28/07	>>>TRANSFER TO CONTRACT 62303																											
3	PLACE INTERIM LOCAL LANE SIGNING	26 days	Mon 1/2/06	Tue 1/31/06																												
4	REMOVE OVERHEAD LOCAL LANE SIGN TRUSSES	24 days	Wed 2/1/06	Tue 2/28/06																												
5	RESTRIPE / SHIFT LOCAL LANE TRAFFIC	12 days	Wed 2/15/06	Tue 2/28/06																												
6	PLACE TEMPORARY CONCRETE BARRIER WALL	12 days	Wed 2/15/06	Tue 2/28/06																												
7	MAINTENANCE AND POSSESSION OF TEMPORARY CONCRETE BARRIER WALL	321 days	Wed 2/15/06	Wed 2/28/07	>>>TRANSFER TO CONTRACT 62303																											
8	PAVEMENT AND APPURTENANCE REMOVAL	132 days	Wed 3/1/06	Tue 8/1/06																												
9	REMOVE OVERHEAD EXPRESS LANE SIGN TRUSSES	40 days	Wed 3/1/06	Sat 4/15/06																												
10	BARRIER WALL REMOVAL	118 days	Wed 3/1/06	Sat 7/15/06																												
11	PLACEMENT OF CHAIN LINK FENCE, 8" (SPECIAL)	40 days	Wed 3/1/06	Sat 4/15/06																												
12	NB HIGH BRIDGE <ROOSEVELT TO 31ST> REPAIRS (BY CONTRACT 62580)	194 days	Thu 3/16/06	Fri 10/27/06																												
13	LIGHT POLE REMOVALS (BY CONTRACT 62583)	65 days	Wed 3/1/06	Mon 5/15/06																												
14	SEWER JACKING	80 days	Wed 3/1/06	Thu 6/1/06																												
15	MAIN DRAIN CONNECTIONS REPAIRS (BY CONTRACT 62580)	80 days	Fri 3/31/06	Sat 7/1/06																												
16	EARTH EXCAVATION	105 days	Sat 4/1/06	Tue 8/1/06																												
17	LIGHT POLE FOUNDATION REMOVALS	38 days	Sat 4/1/06	Mon 5/15/06																												
18	DRAINAGE INSTALLATIONS	144 days	Sat 4/1/06	Fri 9/15/06																												
19	CTA BARRIER REMOVAL	91 days	Sat 4/1/06	Sat 7/15/06																												
20	72" CTA BARRIER WALL INSTALLATION	65 days	Sat 4/1/06	Thu 6/15/06																												
21	SUB-BASE GRANULAR PLACEMENT	119 days	Sat 4/15/06	Thu 8/31/06																												
22	PERSHING BOX CULVERT REPAIRS	92 days	Sat 4/15/06	Mon 7/31/06																												
23	LUG SYSTEM INSTALLATIONS	93 days	Sat 4/15/06	Tue 8/1/06																												
24	OVERHEAD SIGN FOUNDATIONS	79 days	Mon 5/1/06	Mon 7/31/06																												
25	FABRICATE OVERHEAD SIGN TRUSSES	106 days	Mon 5/1/06	Thu 8/31/06																												
26	PIPE UNDERDRAIN PLACEMENT	119 days	Mon 5/1/06	Fri 9/15/06																												
27	ELECTRICAL HANDHOLES AND CONDUITS	106 days	Mon 5/1/06	Thu 8/31/06																												
28	STABILIZED SUB-BASED	40 days	Thu 6/15/06	Mon 7/31/06																												
29	CRPCC 14" PAVEMENT	79 days	Fri 6/16/06	Fri 9/15/06																												
30	TEMP BARRIER WALL & LANE STRIPING (EXPRESS LANE)	86 days	Fri 6/23/06	Sat 9/30/06																												
31	WATER MAIN PROTECTION CAPS	22 days	Fri 7/7/06	Tue 8/1/06																												
32	INTERIM COMPLETION DATE - OPEN SINGLE EXPRESS LANE	0 days	Tue 8/15/06	Tue 8/15/06	◆ 8/15																											
33	42" CTA BARRIER WALL AND FENCE	65 days	Tue 8/1/06	Sat 10/14/06																												
34	CONCRETE BARRIER TRANSITIONS	65 days	Tue 8/1/06	Sat 10/14/06																												
35	TEMPORARY PAVEMENT AND SHOULDERS	65 days	Tue 8/1/06	Sat 10/14/06																												
36	EXPRESS LANE OVERHEAD SIGN TRUSSES	65 days	Tue 8/1/06	Sat 10/14/06																												
37	MAIN DRAIN CLEANING AND REPAIRS	65 days	Tue 8/1/06	Sat 10/14/06																												
38	INSIDE PROPOSED SHOULDER PLACEMENT	52 days	Wed 8/16/06	Sat 10/14/06																												
39	PROPOSED SIGNING	49 days	Fri 9/1/06	Fri 10/27/06																												
40	ATTENUATOR INSTALLATIONS	49 days	Fri 9/1/06	Fri 10/27/06																												
41	DRAINAGE STRUCTURES TO BE CLEANED	49 days	Fri 9/1/06	Fri 10/27/06																												
42	EXPRESS LANE PAVEMENT MARKINGS	49 days	Fri 9/1/06	Fri 10/27/06																												
43	INTERIM COMPLETION DATE - MEET CONTRACT 62304 STAGING	0 days	Fri 9/1/06	Fri 9/1/06	◆ 9/1																											
44	RELOCATE / REMOVE TEMPORARY CONCRETE BARRIER WALL	23 days	Mon 10/2/06	Fri 10/27/06																												
45	RESTRIPE / SHIFT LOCAL LANE TRAFFIC	11 days	Mon 10/2/06	Fri 10/27/06																												

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



REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

SCALE: 1"=NONE DRAWN BY: RZ
DATE: 07/07/05 CHECKED BY: JDC

7/17/2005 2:06:37 PM

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62300		• (1818, ETC, 2324.6-1)PR-8		

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	90% FEDERAL / 10% STATE				
				ROADWAY JO00-2A	SIGNING Y002-1C	SURVEILLANCE Y032-1F	SN 016-2625 X928-2A	SN 016-0142 SN 016-1148 SFTY-2A
20200100	EARTH EXCAVATION	CU YD	172,538	172,538				
20800150	TRENCH BACKFILL	CU YD	30,946	30,946				
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	218,645	218,645				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,139	2,139				
21101630	TOPSOIL FURNISH AND PLACE, 8"	SQ YD	3,208	3,208				
21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	3,208	3,208				
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	540	540				
25000210	SEEDING, CLASS 2A	ACRE	1	1				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	99	99				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	99	99				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	99	99				
25100115	MULCH, METHOD 2	ACRE	1	1				
25100630	EROSION CONTROL BLANKET	SQ YD	5,347	5,347				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	110	110				
28000400	PERIMETER EROSION BARRIER	FOOT	1,744	1,744				
28000510	INLET FILTERS	EACH	209	209				
31101860	SUB-BASE GRANULAR MATERIAL, TYPE B 24"	SQ YD	90,155	90,155				
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	456				456	
42001300	PROTECTIVE COAT	SQ YD	229,991	229,991				
42100380	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE 14" PAVEMENT	SQ YD	148,588	148,588				
42101448	LUG SYSTEM COMPLETE 48'	EACH	2	2				
42101452	LUG SYSTEM COMPLETE 52'	EACH	1	1				
44000013	BITUMINOUS SURFACE REMOVAL, 5"	SQ YD	143				143	
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	82				82	
44000100	PAVEMENT REMOVAL	SQ YD	151,628	151,628				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	8,832	8,832				
44000700	APPROACH SLAB REMOVAL	SQ YD	219				219	
44001980	CONCRETE BARRIER REMOVAL	FOOT	21,284	21,284				
44004250	PAVED SHOULDER REMOVAL	SQ YD	63,526	63,526				
44201474	CLASS C PATCHES, TYPE I	SQ YD	25	25				
44201476	CLASS C PATCHES, TYPE II	SQ YD	60	60				
44201478	CLASS C PATCHES, TYPE III	SQ YD	50	50				
44213200	SAW CUTS	FOOT	100	100				
48202400	BITUMINOUS SHOULDERS SUPERPAVE 6"	SQ YD	36	36				
50300225	CONCRETE STRUCTURES	CU YD	57	57				
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,157	1,157			112	

* SPECIALITY ITEM



Rev. 8-29-05

REVISIONS	
NAME	DATE

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

SUMMARY OF QUANTITIES

SCALE: NONE
 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: PJM

S00-1

06/29/2005 12:43:51 PM

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		• (1818, ETC. 2324.6-1PR)-8		

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	90% FEDERAL / 10% STATE				
				ROADWAY	SIGNING	SURVEILLANCE	SN 016-2625	SN 016-0142 SN 016-1148
				J000-2A	Y002-1C	Y032-1F	X928-2A	SFTY-2A
50300260	BRIDGE DECK GROOVING	SQ YD	212				212	
50300300	PROTECTIVE COAT	SQ YD	4,560	4,155	△		265	△ 140
50301245	FORMED CONCRETE REPAIR (DEPTH EQUAL TO OR LESS THAN 5")	SQ FT	1,219					1,219
50301250	FORMED CONCRETE REPAIR (DEPTH GREATER THAN 5")	SQ FT	44					44
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	78,636	57,186	△		21,540	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	4,598	4,598				
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	1,054	1,054				
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	68	68				
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	133	133				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	4507	4507				
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	988	988				
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	2219	2219	△			
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	2438	2438				
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1,669	1,669				
550A0420	STORM SEWERS, CLASS A, TYPE 2 27"	FOOT	1,748	1,748				
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	2650	2650				
550A0440	STORM SEWERS, CLASS A, TYPE 2 33"	FOOT	501	501	△			
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	2467	2467				
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	827	827				
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	53	53				
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	8	8				
550A0700	STORM SEWERS, CLASS A, TYPE 3 21"	FOOT	314	314				
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	151	151				
550A0720	STORM SEWERS, CLASS A, TYPE 3 27"	FOOT	66	66				
550A0730	STORM SEWERS, CLASS A, TYPE 3 30"	FOOT	664	664				
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	555	555	△			
550A0770	STORM SEWERS, CLASS A, TYPE 3 42"	FOOT	50	50				
550B0030	STORM SEWERS, CLASS B, TYPE 1 8"	FOOT	2	2				
550B0040	STORM SEWERS, CLASS B, TYPE 1 10"	FOOT	55	55				
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	374	374				
550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	21	21				
55100300	STORM SEWER REMOVAL 8"	FOOT	510	510	△			
55100400	STORM SEWER REMOVAL 10"	FOOT	6,548	6,548				
55100500	STORM SEWER REMOVAL 12"	FOOT	5070	5070	△			
55100700	STORM SEWER REMOVAL 15"	FOOT	4,309	4,309				
55100900	STORM SEWER REMOVAL 18"	FOOT	4,490	4,490				

* SPECIALITY ITEM

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

△ Rev. 8-29-05

REVISIONS	
NAME	DATE

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

SUMMARY OF QUANTITIES

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

S00-2

06/28/2005 12:44:08 PM

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	7
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	11818, ETC. 2324.6-IPR-8			

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	90% FEDERAL / 10% STATE				
				ROADWAY J000-2A	SIGNING Y002-1C	SURVEILLANCE Y032-1F	SN 016-2625 X928-2A	SN 016-0142 SN 016-1148 SFTY-2A
55101100	STORM SEWER REMOVAL 21"	FOOT	495	495				
55101200	STORM SEWER REMOVAL 24"	FOOT	4,776	4,776				
55101300	STORM SEWER REMOVAL 27"	FOOT	200	200				
55101400	STORM SEWER REMOVAL 30"	FOOT	1652	1652	△			
55101600	STORM SEWER REMOVAL 36"	FOOT	504	504				
55101800	STORM SEWER REMOVAL 42"	FOOT	53	53	△			
552A1300	STORM SEWERS JACKED IN PLACE, CLASS A 36"	FOOT	600	600				
552A1500	STORM SEWERS JACKED IN PLACE, CLASS A 42"	FOOT	71	71				
59000100	EPOXY CRACK SEALING	FOOT	275				275	
60107700	PIPE UNDERDRAINS 6"	FOOT	49,364	49,364				
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	748	748	△			
60109000	PIPE UNDERDRAINS, PERFORATED CORRUGATED STEEL PIPE 12"	FOOT	304	304				
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	25	25				
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	273	273				
60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	4				
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	53	53				
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	141	141				
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1				
60226730	MANHOLES, DROP TYPE, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
60240324	INLETS, TYPE B, TYPE 20 FRAME AND GRATE	EACH	28	28				
X6020166	DRAINAGE STRUCTURES, TYPE 1 SPECIAL WITH TWO TYPE 20 FRAMES AND GRATES	EACH	62	62				
X6020167	DRAINAGE STRUCTURES, TYPE 2 SPECIAL WITH TWO TYPE 22 FRAMES AND GRATES	EACH	2	2				
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	50	50	△			
60255700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	99	99				
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	39	39				
60500040	REMOVING MANHOLES	EACH	209	209	△			
60500050	REMOVING CATCH BASINS	EACH	263	263				
60500060	REMOVING INLETS	EACH	47	47				
60500105	FILLING MANHOLES	EACH	32	32				
60500205	FILLING CATCH BASINS	EACH	31	31				
60618324	CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)	SQ FT	3,997	3,997				
*△ 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	1				
*△ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	EACH	1	1				
63700805	CONCRETE BARRIER TRANSITION	FOOT	973	973				
66400560	CHAIN LINK FENCE, 6' (SPECIAL)	FOOT	24,000	24,000	△			
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	10	10				
67100100	MOBILIZATION	L SUM	1	1				

* SPECIALITY ITEM

△ INDICATES PAY CODE TYPE SFTY-3N

S00-3

REVISIONS	
NAME	DATE

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

SUMMARY OF QUANTITIES

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



△ Rev. 8-29-05

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SUMMARY OF QUANTITIES

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

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	90% FEDERAL / 10% STATE				
				ROADWAY	SIGNING	SURVEILLANCE	SN 016-2625	SN 016-0142 SN 016-1148
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	31,465	31,465				
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	180	180				
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	114,100	114,100				
70300530	PAVEMENT MARKING TAPE, TYPE III 5"	FOOT	15,638	15,638				
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	16,720	16,720				
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	3813	3813				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	64,959	64,959				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	24,096	24,096				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	24,295	24,295				
72000100	SIGN PANEL - TYPE 1	SQ FT	12		12			
72000200	SIGN PANEL - TYPE 2	SQ FT	96		96			
72000300	SIGN PANEL - TYPE 3	SQ FT	4,186		4,186			
72100100	SIGN PANEL OVERLAY	SQ FT	2		2			
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	72		72			
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	591		591			
72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	12		12			
72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	488		488			
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1,890		1,890			
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	88		88			
73000100	WOOD SIGN SUPPORT	FOOT	17		17			
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" x 4'-6")	FOOT	72		72.0			
73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" x 7'-0")	FOOT	142		142			
73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	332		332			
73305000	OVERHEAD SIGN STRUCTURE WALKWAY	FT	377		377			
73400100	CONCRETE FOUNDATIONS	CU YD	7		7			
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	179		179			
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	6		6			
73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	7		7			
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	11		11			
78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	327		327			
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	100,671		100,671			
78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	26,758		26,758			
78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	21,714		21,714			
78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	5,824		5,824			
78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	1663		1663			
78200530	BARRIER WALL MARKERS, TYPE C	EACH	414		414			
78201000	TERMINAL MARKER, DIRECT APPLIED	EACH	1		1			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	26,297		26,297			
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	299			299		

* SPECIALITY ITEM @ @ SFTY-30



REVISIONS	
NAME	DATE

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

SUMMARY OF QUANTITIES

SCALE: NONE
DATE: 7/7/05

DRAWN BY: TAI
CHECKED BY: PJM

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SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	9
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62300 * (1818, ETC. 2324.6-IP)R-8				

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	90% FEDERAL / 10% STATE				
				ROADWAY J000-2A	SIGNING Y002-1C	SURVEILLANCE Y032-1F	SN 016-2625 X928-2A	SN 016-0142 SN 016-1148 SFTY-2A
* 81400200	HEAVY-DUTY HANDHOLE	EACH	13			13		
* 81400205	HEAVY-DUTY HANDHOLE (SPECIAL)	EACH	2			2		
* 81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	305			305		
* 84200800	POLE FOUNDATION, REMOVED	EACH	130	130				
□ K1003660	MOWING CYCLE	EACH	6	6				
X0320870	BRACED EXCAVATION	CU YD	6,621	6,621				
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	729	729				△
X0323221	PLUG AND ABANDON EXISTING PIPE	CU YD	251	251				
□ X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	209	209				
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	33,389	33,389				△
X0324112	BARRIER BASE	FOOT	27,132	27,132				△
X0324431	TEMPORARY SOIL RETENTION SYSTEM (TO REMAIN IN PLACE)	SQ FT	763	763				
X0324697	SOIL STABILIZERS	POUND	65,508	65,508				
X0324698	APPLYING DUST SUPPRESSION AGENT	UNIT	95	95				
X4210400	LUG SYSTEM REMOVAL	EACH	2	2				△
X4834090	PORTLAND CEMENT CONCRETE SHOULDERS 14"	SQ YD	52,692	52,692				
X6063401	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	248	248				
X6063600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	956	956				△
X6370910	CONCRETE BARRIER, SINGLE FACE 32" HEIGHT	FOOT	1,742	1,742				
X6370925	CONCRETE BARRIER SINGLE FACE 42" (SPECIAL)	FOOT	21,241	21,241				△
X6370930	CONCRETE BARRIER, DOUBLE FACE, 32"	FOOT	2,715	2,715				
X6700410	ENGINEER'S FIELD OFFICE TYPE A (SPECIAL)	CAL MO	15	15				
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1				
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	303	303				
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	59	59				
X7040600	FURNISH TEMPORARY CONCRETE BARRIER	FOOT	17,648	17,648				△
* X7330105	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	100		100			
XX001854	STABILIZED SUB-BASE, 6"	SQ YD	212,833	212,833				△
XX004201	PAVEMENT REINFORCEMENT 14"	SQ YD	148,588	148,588				△
* XX004812	VIDEO TAPING OF SEWERS	FOOT	1,191	1,191				
Z0002600	BAR SPLICERS	EACH	257			257		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
□ Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	51	51				△
△ Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	6	6				
△ Z0030070	IMPACT ATTENUATORS (SEVERE USE, NARROW), TEST LEVEL 3	EACH	3	3				
△ Z0030090	IMPACT ATTENUATORS (SEVERE USE, WIDE), TEST LEVEL 3	EACH	1	1				
△ Z0030150	IMPACT ATTENUATORS, (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1	1				
△ Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	7	7				△
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	298	298				△

* SPECIALITY ITEM □ NON-PARTICIPATING

△ INDICATES PAY CODE TYPE SFTY-3N



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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
SUMMARY OF QUANTITIES
SCALE: NONE DRAWN BY: TAI
DATE: 7/7/05 CHECKED BY: PJM

△ Rev. 8-29-05

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SUMMARY OF QUANTITIES

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62300 • (1818, ETC. 2324.6-1PR-8				

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	90% FEDERAL / 10% STATE					
				ROADWAY	SIGNING	SURVEILLANCE	SN 016-2625	SN 016-0142 SN 016-1148	
				J000-2A	Y002-1C	Y032-1F	X928-2A	SFTY-2A	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.8					0.2
Z0076600	TRAINEES	HOOR							
* X7360100	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER (VMS)	EACH	1	1					
* X8100042	CONDUIT ENCASED, CONCRETE, 3" DIA., PVC	FOOT	766			766			
* X0325080	VIDEO TAPING OF MWRD CULVERT	FOOT	245				245		
X4810100	TEMPORARY SHOULDERS	SQ YD	8,221	8,221	△				
X0325081	CONCRETE SLAB HYDRO-DEMOLITION	SQ YD	237				237		
X6370927	CONCRETE BARRIER SINGLE FACE 72" (SPECIAL)	FOOT	332	332	△				
X0325082	CTA BARRIER REMOVAL	FOOT	21,781	21,781					
X0325083	CTA FENCE	FOOT	21,325	21,248			87		
X0325084	CTA GATES	EACH	23	23					
X0325085	TEMPORARY PAVEMENT (INTERSTATE)	SQ YD	9,685	9,685	△				
X7011008	TRAFFIC CONTROL AND PROTECTION OR ALTERNAE ROUTE SIGNING	CAL MO	10	10					
X0325086	TEMPORARY CTA BALLAST RETENTION	L SUM	1				1		
* X0325087	VIDEO TAPING OF MAIN DRAIN	FOOT	43,620	32,960			10,660		
X0321027	DRILLING GROUT HOLES	FOOT	60	60					
X3540580	PORTLAND CEMENT IN GROUT	CU FT	50	50					
X0325088	PLACEMENT OF CEMENT GROUT	CU FT	150	150					
X0325089	CONNECTION TO GROUT HOLE	EACH	4	4					
60248000	JUNCTION CHAMBER NO. 1	EACH	1	1					
60248100	JUNCTION CHAMBER NO. 2	EACH	1	1					
X0325090	MAINDRAIN DROP MANHOLE NO. 1	EACH	1	1					
X0325091	MAINDRAIN DROP MANHOLE NO. 2	EACH	1	1					
X0325092	MAINDRAIN DROP MANHOLE NO. 3	EACH	1	1					
X0325093	MAINDRAIN DROP MANHOLE NO. 4	EACH	1	1					
X0325094	MAINDRAIN DROP MANHOLE NO. 5	EACH	1	1					
60248200	JUNCTIONCHAMBER NO. 3	EACH	1	1					
60248300	JUNCTIONCHAMBER NO. 4	EACH	1	1					
60248400	JUNCTIONCHAMBER NO. 5	EACH	1	1					
60248500	JUNCTIONCHAMBER NO. 6	EACH	1	1					
60248600	JUNCTIONCHAMBER NO. 7	EACH	1	1					
60248610	JUNCTIONCHAMBER NO. 8	EACH	1	1					
60248620	JUNCTIONCHAMBER NO. 9	EACH	1	1					
60248630	JUNCTIONCHAMBER NO. 10	EACH	1	1					
* X0325095	MAIN DRAIN CLEANING	FOOT	32,900	32,900					
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	10,688	10,688	△				
66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1					
* 66900525	PRIORITY POLLUTANT - TCLP SOIL ANALYSIS	EACH	2	2	△				
66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2					
66402900	CHAIN LINK GATE, 6' X 6' SINGLE	EACH	23	23					

* SPECIALITY ITEM



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

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REVISIONS	
NAME	DATE

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

SUMMARY OF QUANTITIES

SCALE: NONE
DATE: 7/7/05

DRAWN BY: TAI
CHECKED BY: PJM

S00-6

06/28/2005 12:43:37 PM

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62300		• (1818, ETC, 2324.6-1P)R-8		

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	90% FEDERAL / 10% STATE						
				ROADWAY	SIGNING	SURVEILLANCE	SN 016-2625	SN 016-0142 SN 016-1148		
				J000-2A	Y002-1C	Y032-1F	X928-2A	SFTY-2A		
Z0018800	DRAINAGE SYSTEM	L SUM	1	1						
* 50700209	UNTREATED TIMBER LAGGING	SQ FT	15,387	15,387						
* X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	39,302	39,302						
* X5120905	FURNISHING SOLDIER PILES W 12X72	FOOT	3,040	3,040						
* X5120906	FURNISHING SOLDIER PILES W 12X106	FOOT	4,980	4,980						
* X5120907	FURNISHING SOLDIER PILES W 12X120	FOOT	4,170	4,170						
Z0018900	DRILL AND GROUT DOWEL BARS	EACH	5,818	5,818						
50200100	STRUCTURE EXCAVATION	CU YD	835	835						
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1						
60248640	JUNCTIONCHAMBER NO. 11	EACH	1	1						
60248650	JUNCTIONCHAMBER NO. 12	EACH	1	1						
60248660	JUNCTIONCHAMBER NO. 13	EACH	1	1						
* 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	6			6				
XX005489	STEEL CASINGS 48"	FOOT	600	600						
Z0026420	STEEL CASINGS 60"	FOOT	71	71						
31101810	SUB-BASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	133,172	133,172						
X2020300	EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL	CU YD	44,744	44,744						
50102400	CONCRETE REMOVAL	CU YD	8	8						

* SPECIALITY ITEM

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

REVISIONS	
NAME	DATE

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

SUMMARY OF QUANTITIES

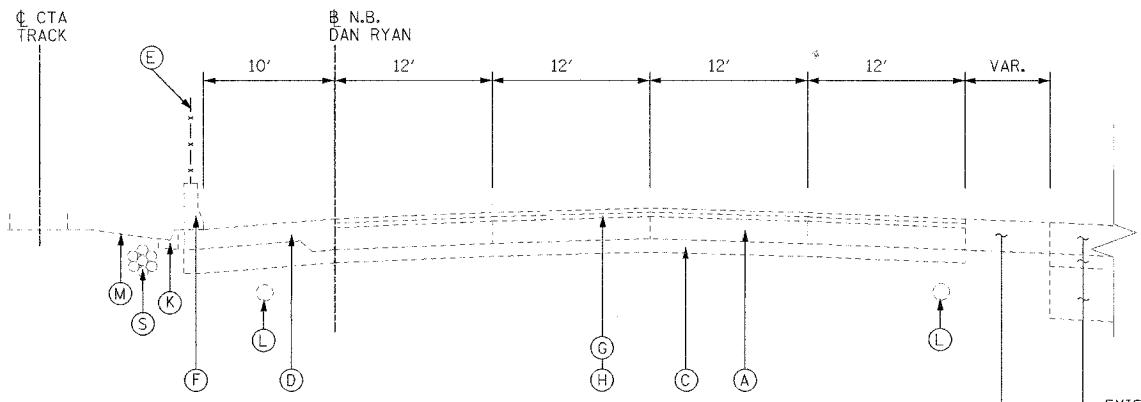
SCALE: NONE
 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: PJM

Rev. 0-29-05

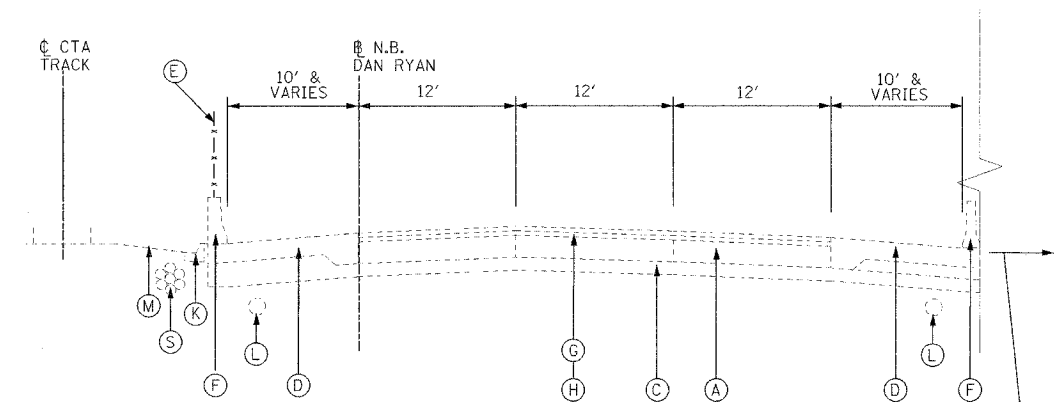
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	12
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	• (1818, ETC. 2324.6-1)PR-8			



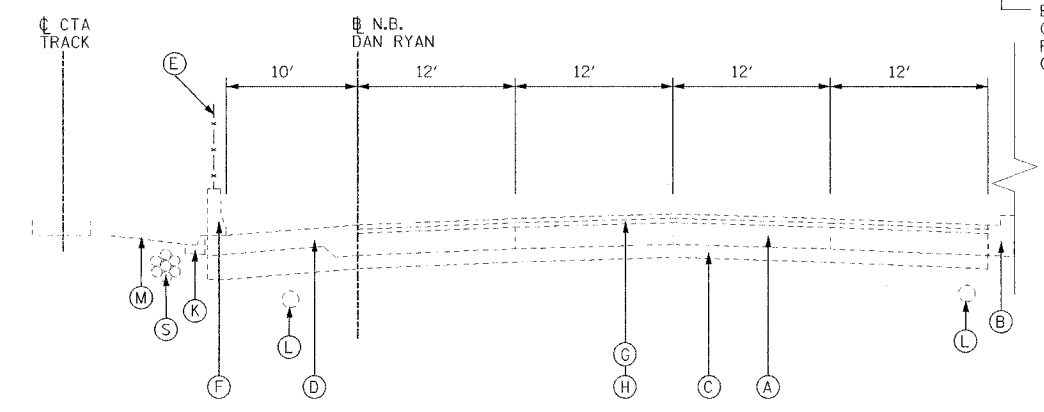
NORTHBOUND DAN RYAN
STA. 2367+00 TO STA. 2385+00

EXISTING PAVEMENT OR SHOULDER PLACED IN PREVIOUS CONTRACT 62590 TO REMAIN
EXISTING 14" BITUMINOUS OR 12" P.C.C. PAVEMENT PLACED IN PREVIOUS CONTRACT 62590 TO BE REMOVED

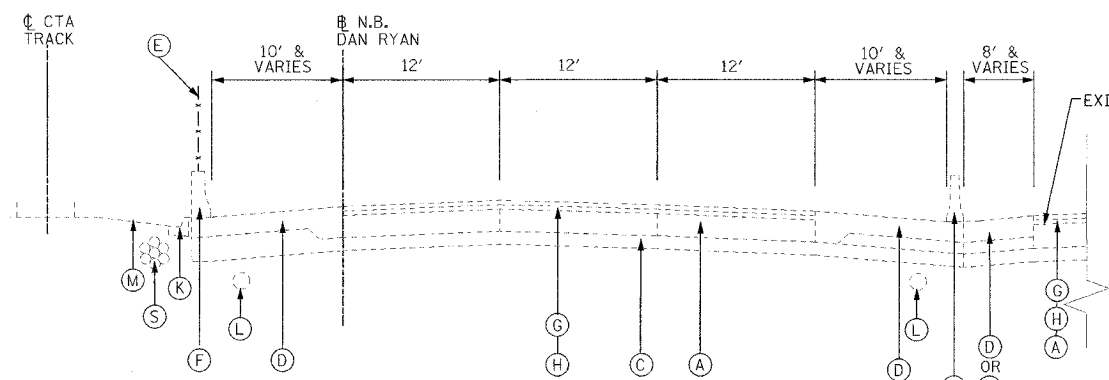


NORTHBOUND DAN RYAN
STA. 2407+00 TO STA. 2417+30

EXISTING LOCAL LANES (CONTRACT 62589 CONSTRUCTION)

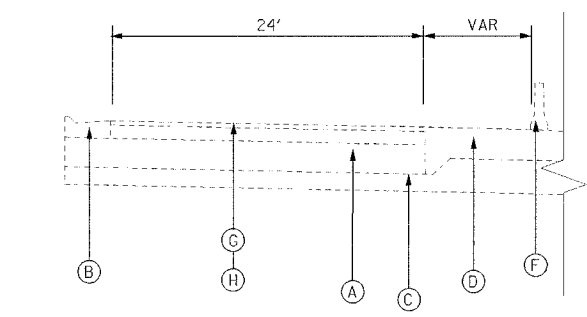


NORTHBOUND DAN RYAN
STA. 2392+00 TO STA. 2401+00

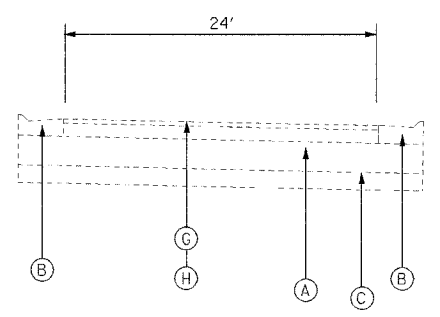


NORTHBOUND DAN RYAN
STA. 2417+30 TO STA. 2421+31

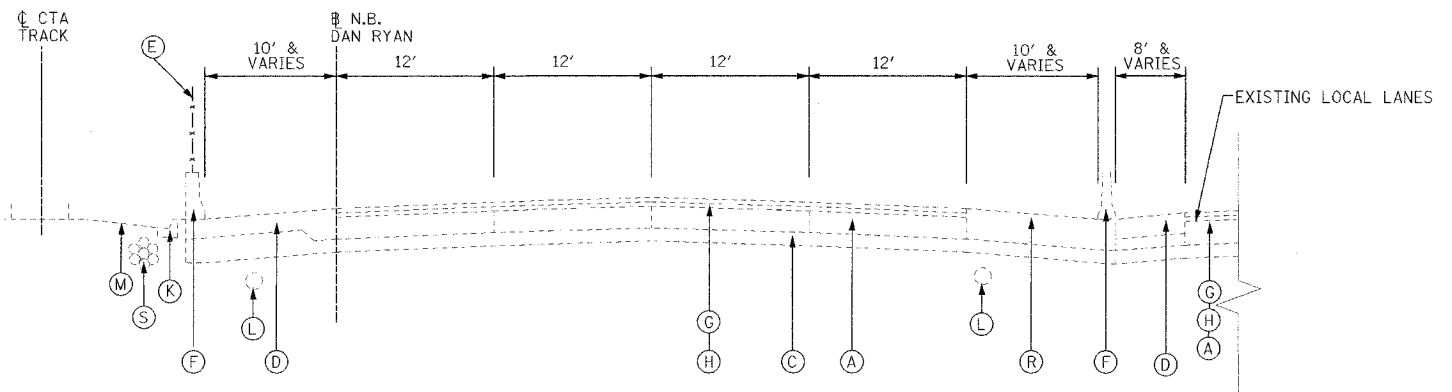
STA. 2417+30-2421+31
STA. 2417+30-2441+32
OR
STA. 2443+80-2445+00
OR
STA. 2417+30-2421+31



NORTHBOUND SLIP RAMP @ STA 2445+00



NORTHBOUND SLIP RAMP @ STA 2513+00



NORTHBOUND DAN RYAN
STA. 2451+00 TO STA. 2505+00

EXISTING CONDITIONS LEGEND

- (A) P.C.C. PAVEMENT 10" OR C.R.C. PAVEMENT 8" (SEE NOTE 1)
- (B) COMBINATION CONCRETE CURB AND GUTTER
- (C) GRANULAR SUB-BASE 6"
- (D) P.C.C. SHOULDER 9"
- (E) CHAIN LINK FENCE
- (F) CONCRETE BARRIER
- (G) BITUMINOUS CONCRETE SURFACE COURSE, 1 1/2"
- (H) BITUMINOUS CONCRETE BINDER COURSE, 4 3/4"
- (I) TEMPORARY CONCRETE BARRIER
- (J) C.R.C. PAVEMENT 8"
- (K) TYPE 34 CURB AND GUTTER
- (L) PIPE UNDERDRAINS 8"
- (M) C.T.A. BALLAST
- (N) BITUMINOUS CONCRETE SURFACE COURSE 1 3/4"
- (O) BITUMINOUS CONCRETE SURFACE COURSE 2 1/4"
- (P) BITUMINOUS CONCRETE SURFACE COURSE 3 1/2"
- (Q) 4" STABILIZED SHOULDER B.A.M.
- (R) BITUMINOUS CONCRETE SURFACE COURSE 1 3/4"; BITUMINOUS CONCRETE BASE COURSE 1 1/4"
- (S) C.T.A. FIBER OPTIC DUCT

NOTE:

- P.C.C. PAVEMENT 10" STA. 2367+00 TO 2423+00
C.R.C. PAVEMENT 8" STA. 2423+00 TO STA. 2530+00
- THICKNESS OF EXISTING PAVEMENT AND SUB BASES ARE TAKEN FROM AS-BUILT PLANS.
- REMOVAL OF TYPE 34 COMBINATION CONCRETE CURB AND GUTTER SHALL BE PERFORMED AS REQUIRED. THIS REMOVAL WILL BE INCLUDED IN THE COST OF CTA BARRIER REMOVAL AND WILL NOT BE PAID FOR SEPARATELY.

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

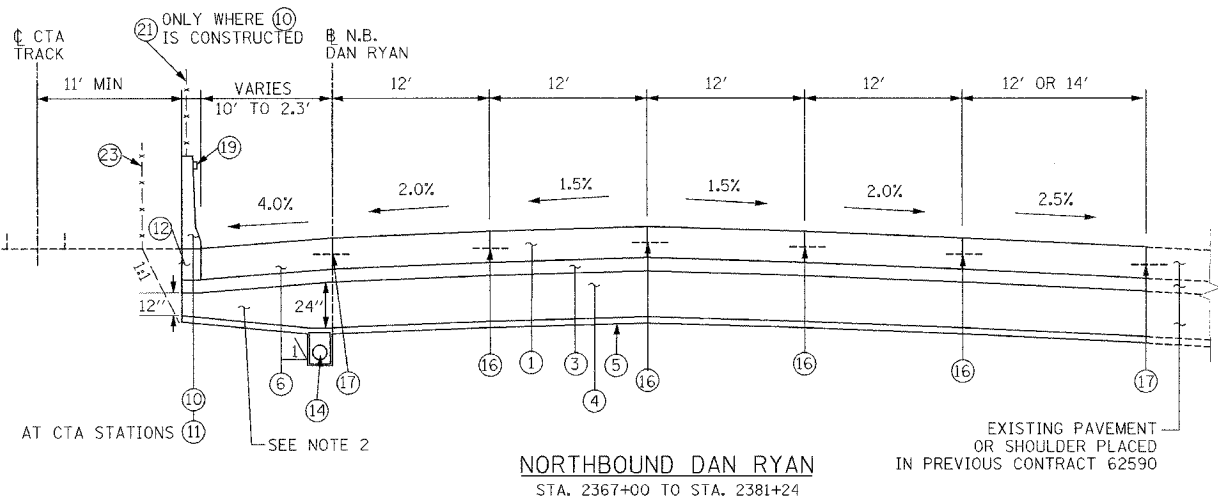
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
EXISTING TYPICAL SECTIONS
NORTHBOUND DAN RYAN

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

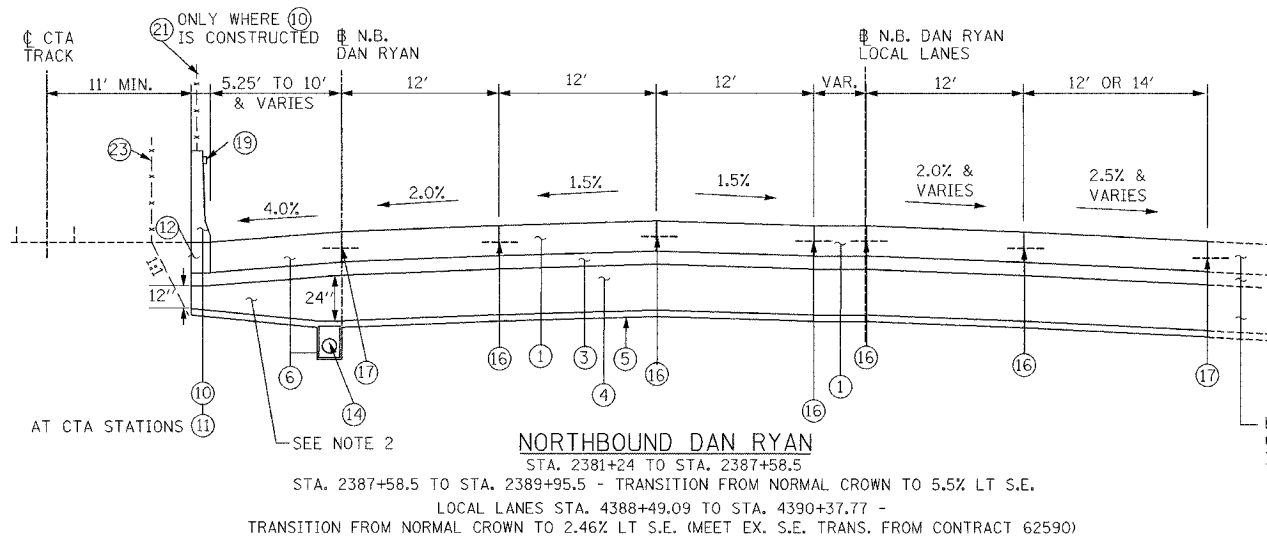


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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	556	14	
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	• (1818, ETC, 2324.6-1P)R-8			

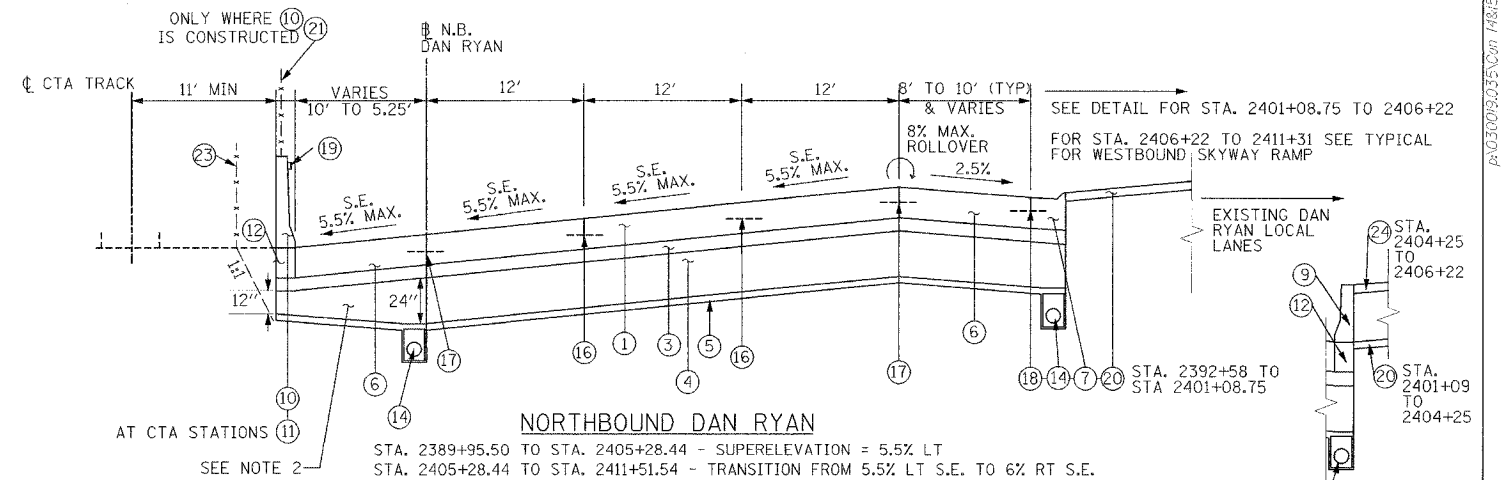


NORTHBOUND DAN RYAN
STA. 2367+00 TO STA. 2381+24



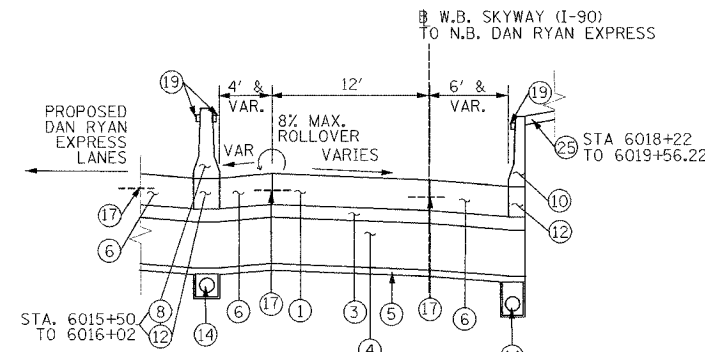
NORTHBOUND DAN RYAN
STA. 2381+24 TO STA. 2387+58.5

STA. 2387+58.5 TO STA. 2389+95.5 - TRANSITION FROM NORMAL CROWN TO 5.5% LT S.E.
LOCAL LANES STA. 4388+49.09 TO STA. 4390+37.77 -
TRANSITION FROM NORMAL CROWN TO 2.46% LT S.E. (MEET EX. S.E. TRANS. FROM CONTRACT 62590)



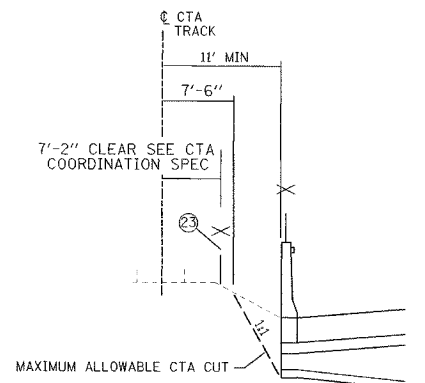
NORTHBOUND DAN RYAN

STA. 2389+95.50 TO STA. 2405+28.44 - SUPERELEVATION = 5.5% LT
STA. 2405+28.44 TO STA. 2411+51.54 - TRANSITION FROM 5.5% LT S.E. TO 6% RT S.E.



WESTBOUND SKYWAY RAMP TO NORTHBOUND DAN RYAN EXPRESS

STA. 6015+00 TO STA. 6017+61.51 - TRANSITION FROM 2.08% RT (EX. TRANSITION FROM CONTRACT 62589) TO 6.0% LT
STA. 6017+61.51 TO STA. 6019+56.22

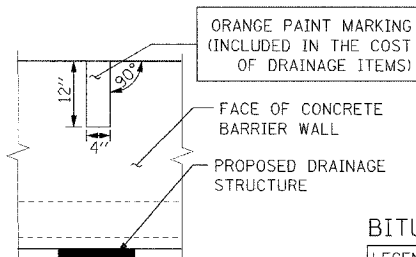


CTA RESTRICTIONS
(TYPICAL FOR ENTIRE PROJECT)

STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV= 125,272	SU= 10,930
ROAD/STREET CLASSIFICATION:	CLASS 1
P= 8%	S= 37%
TRAFFIC FACTOR:	ACTUAL TF= 264.46
	MINIMUM TF= 12.39
AC GRADE:	BINDER:= -
SUBGRADE SUPPORT RATING:	SR= 2.00
	AC TYPE= N/A
	M= 37%
	SURFACE:= -

PROPOSED LEGEND

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- ② EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL
- ③ STABILIZED SUB-BASE - 6"
- ④ SUB-BASE GRANULAR MATERIAL, TYPE B - 24"
- ⑤ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑥ PORTLAND CEMENT CONCRETE SHOULDERS 14"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE M4-24
- ⑧ CONCRETE BARRIER, DOUBLE FACE 32"
- ⑨ CONCRETE BARRIER, SINGLE FACE 32"
- ⑩ CONCRETE BARRIER, SINGLE FACE, 42" SPECIAL
- ⑪ EXISTING BARRIER WALL MODIFICATIONS AT CTA STATIONS (SEE CIVIL DETAILS)
- ⑫ BARRIER BASE
- ⑬ TEMPORARY CONCRETE BARRIER (TYPE & LOCATION AS INDICATED ON PLANS)
- ⑭ PIPE UNDERDRAINS 6"
- ⑮ TEMPORARY PAVEMENT (INTERSTATE) / TEMPORARY SHOULDERS
- ⑯ LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT POUR IN PLACE NO. 6 TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 TIE BARS 24" LONG AT 24" C-C.
- ⑰ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 TIE BARS 30" LONG AT 24" C-C.
- ⑱ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 TIE BARS 24" LONG AT 24" C-C.
- ⑲ BARRIER WALL MARKER, TYPE C (80' C-C)
- ⑳ TOPSOIL FURNISH AND PLACE 4% SEEDING CLASS 2A
- ㉑ CTA FENCE
- ㉒ MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR
- ㉓ CHAIN LINK FENCE 6' (SPECIAL) (USE DURING ADJACENT CONSTRUCTION)
- ㉔ CONCRETE MEDIAN SURFACE 6" (SPECIAL)
- ㉕ SUB-BASE GRANULAR MATERIAL, TYPE B - 12"



CONCRETE BARRIER WALL MARKING AT DRAINAGE STRUCTURE

PLACE AT ALL PROPOSED DRAINAGE STRUCTURES

BITUMINOUS MIXTURE REQUIREMENTS

LEGEND/PAY ITEM	MIX	AC TYPE	VOIDS	RAP %
3 STABILIZED SUB-BASE 6"	SUPERPAVE IL-19.0, N50 (6" DEPTH)	PG 58-22	3% @ 50 GYR	25% Δ
15 TEMPORARY PAVEMENT (INTERSTATE)**	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N105 (1 3/4" DEPTH)	SBS 70-22	4% @ 105 GYR	0%
15 TEMPORARY PAVEMENT (INTERSTATE)**	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N105 (1 1/4" DEPTH)	PG 64-22	4% @ 105 GYR	0%
15 TEMPORARY SHOULDERS***	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N105 (4" DEPTH)	PG 64-22	4% @ 105 GYR	0%

** NOTE, FOR TEMP. PAVEMENT, CONTRACTOR HAS THE OPTION OF USING 12" P.C.C. PAVEMENT IN LIEU OF BITUMINOUS PAVEMENT
*** TEMPORARY SHOULDERS (CONTRACTOR HAS THE OPTION OF USING 4" P.C.C. SHOULDERS IN LIEU OF BIT. SHOULDERS)

NOTES:

1. ALL TIE BARS SHALL BE DEFORMED AND EPOXY COATED. TIE BARS SHALL BE INCLUDED IN THE COST OF PAVEMENT, SHOULDER, AND CURB AND GUTTER ITEMS AND WILL NOT BE PAID FOR SEPARATELY.

2. SUB-BASE GRANULAR MATERIAL DEPTH UNDERNEATH SHOULDER ADJACENT TO CTA VARIES FROM 12" UNDERNEATH BARRIER WALL TO 24" ABOVE UNDERDRAIN. THIS AND ALL OTHER VARYING DEPTH SUB-BASE GRANULAR MATERIAL WILL BE PAID FOR AS SUB-BASE GRANULAR MATERIAL, TYPE B, 24".

3. THE UNDERDRAIN WILL BE CONSTRUCTED TO PROVIDE FOR SUB-BASE DRAINAGE OF THE FUTURE LOCAL LANES. SEE PIPE UNDERDRAIN DETAILS.

4. SEE SPECIAL PROVISIONS AND EARTHWORK SCHEDULE FOR REQUIREMENTS OF 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL'

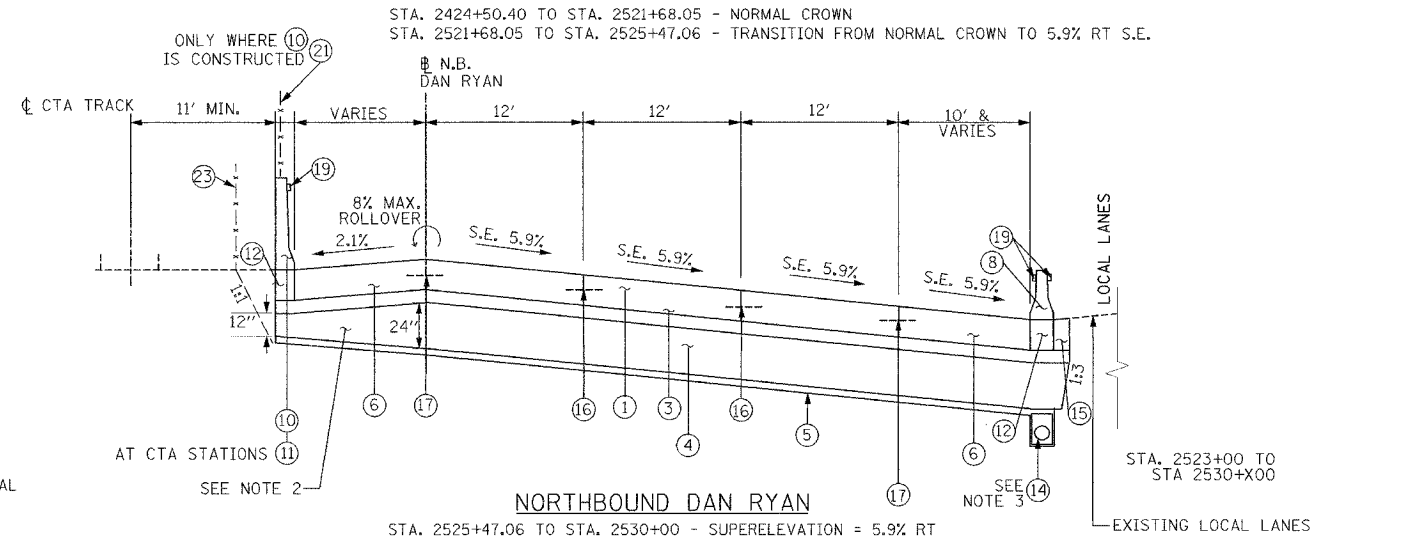
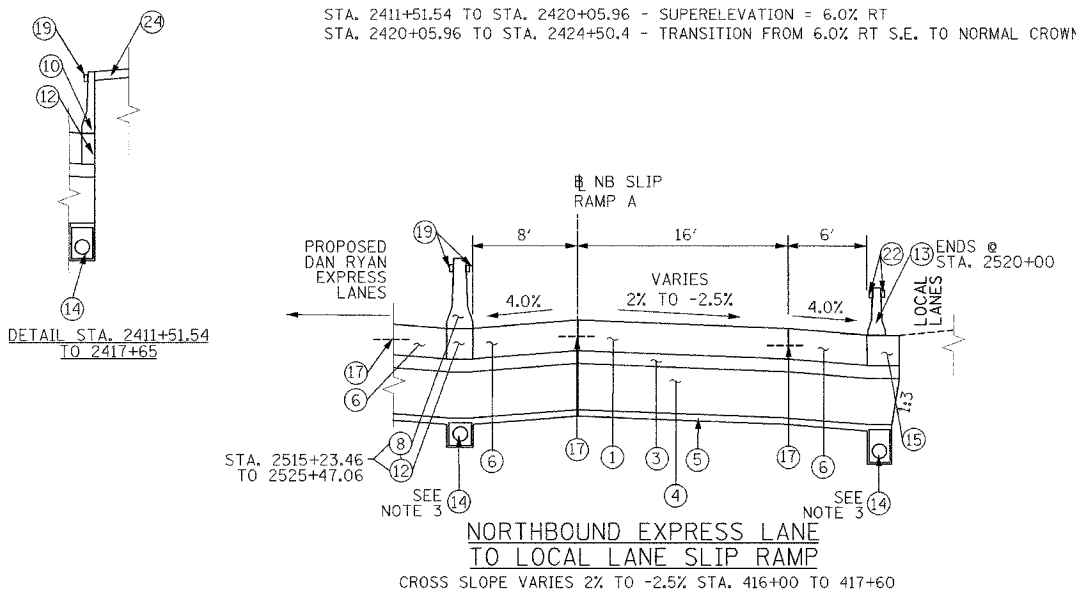
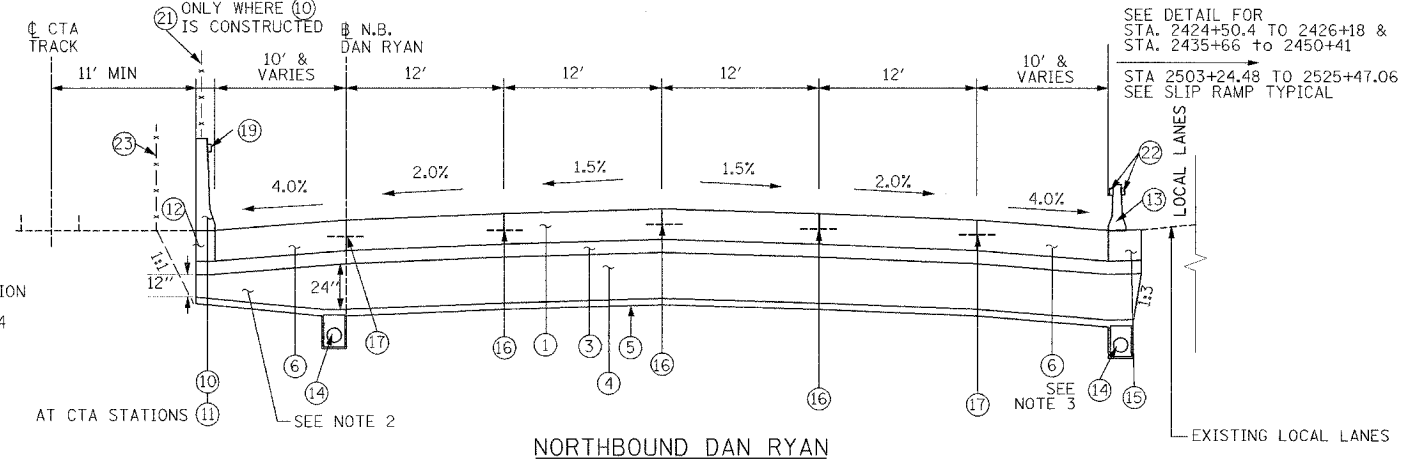
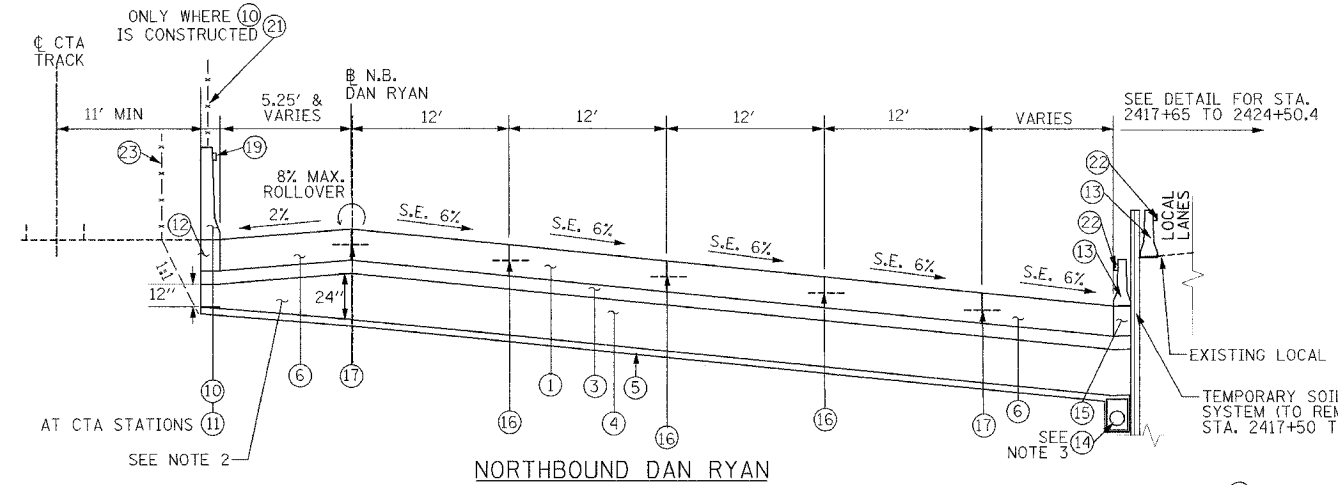
Edwards AND Kelcey
ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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

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PROPOSED LEGEND

- | | |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14" | ⑬ TEMPORARY CONCRETE BARRIER (TYPE & LOCATION AS INDICATED ON PLANS) |
| ② EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL | ⑭ PIPE UNDERDRAINS 6" |
| ③ STABILIZED SUB-BASE - 6" | ⑮ TEMPORARY PAVEMENT (INTERSTATE) / TEMPORARY SHOULDERS |
| ④ SUB-BASE GRANULAR MATERIAL, TYPE B - 24" | ⑯ LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT POUR IN PLACE NO. 6 TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 TIE BARS 24" LONG AT 24" C-C. |
| ⑤ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | ⑰ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 TIE BARS 30" LONG AT 24" C-C. |
| ⑥ PORTLAND CEMENT CONCRETE SHOULDERS 14" | ⑱ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 TIE BARS 24" LONG AT 24" C-C. |
| ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE M4-24 | ⑲ BARRIER WALL MARKER, TYPE C (80' C-C) |
| ⑧ CONCRETE BARRIER, DOUBLE FACE 32" | ⑳ TOPSOIL FURNISH AND PLACE 4"; SEEDING CLASS 2A |
| ⑨ CONCRETE BARRIER, SINGLE FACE 32" | ㉑ CTA FENCE |
| ⑩ CONCRETE BARRIER, SINGLE FACE, 42" SPECIAL | ㉒ MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR |
| ⑪ EXISTING BARRIER WALL MODIFICATIONS AT CTA STATIONS (SEE CIVIL DETAILS) | ㉓ CHAIN LINK FENCE 6" (SPECIAL) (USE DURING ADJACENT CONSTRUCTION) |
| ⑫ BARRIER BASE | ㉔ CONCRETE MEDIAN SURFACE 6" (SPECIAL) |
| | ㉕ SUB-BASE GRANULAR MATERIAL, TYPE B - 12" |

STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV= 125,272	SU= 10,930
ROAD/STREET CLASSIFICATION:	MU= 31,949
P= 8%	S= 37%
TRAFFIC FACTOR:	AC TYPE= N/A
AC GRADE:	BINDER= -
SUBGRADE SUPPORT RATING: SR= 2.00	SURFACE= -

NOTES:

- ALL TIE BARS SHALL BE DEFORMED AND EPOXY COATED. TIE BARS SHALL BE INCLUDED IN THE COST OF PAVEMENT, SHOULDER, AND CURB AND GUTTER ITEMS AND WILL NOT BE PAID FOR SEPARATELY.
- SUB-BASE GRANULAR MATERIAL DEPTH UNDERNEATH SHOULDER ADJACENT TO CTA VARIES FROM 12" UNDERNEATH BARRIER WALL TO 24" ABOVE UNDERDRAIN. THIS AND ALL OTHER VARYING DEPTH SUB-BASE GRANULAR MATERIAL WILL BE PAID FOR AS SUB-BASE GRANULAR MATERIAL, TYPE B, 24".
- THE UNDERDRAIN WILL BE CONSTRUCTED TO PROVIDE FOR SUB-BASE DRAINAGE OF THE FUTURE LOCAL LANES. SEE PIPE UNDERDRAIN DETAILS.
- SEE SPECIAL PROVISIONS AND EARTHWORK SCHEDULE FOR REQUIREMENTS OF 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL'

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

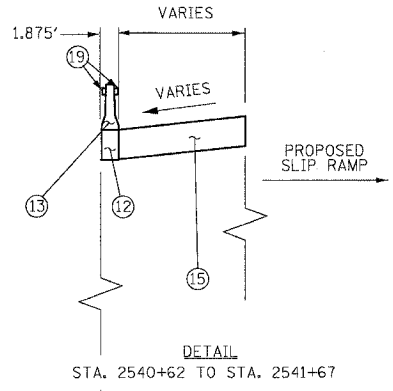
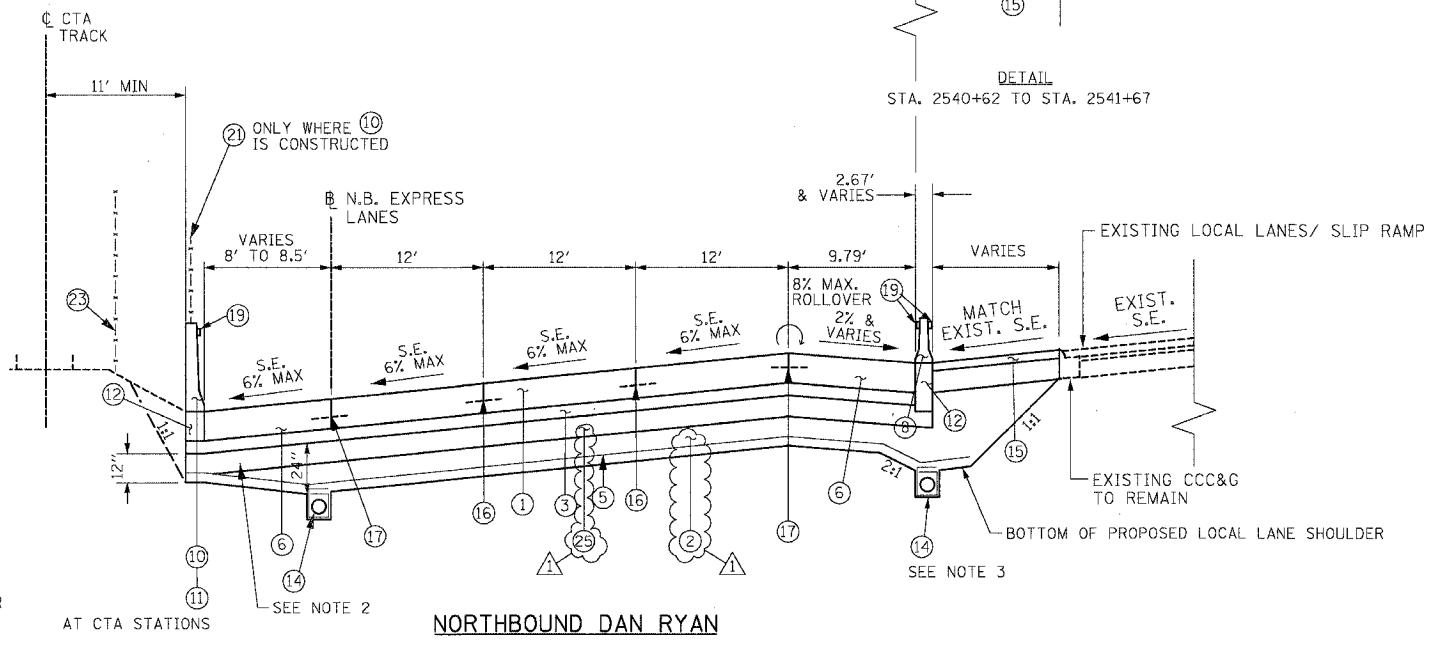
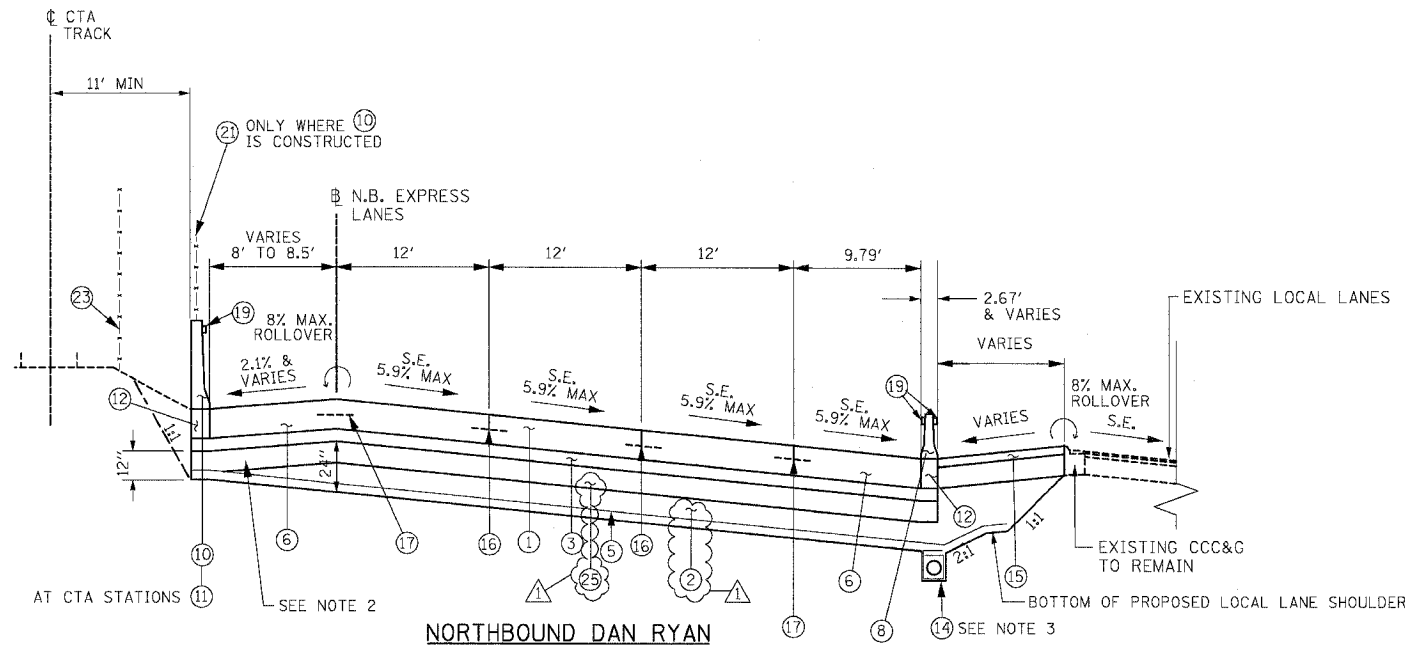
SCALE: NONE
 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: PJM



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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	*1818, ETC, 2324.6-1P1R-8			



PROPOSED LEGEND

- | | |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14" | ⑩ CONCRETE BARRIER, SINGLE FACE 42" SPECIAL |
| ② EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL | ⑪ EXISTING BARRIER WALL MODIFICATIONS AT CTA STATIONS (SEE CIVIL DETAILS) |
| ③ STABILIZED SUB-BASE - 6" | ⑫ BARRIER BASE |
| ④ SUB-BASE GRANULAR MATERIAL, TYPE B - 24" (INCLUDES 3" GRANULAR SUB-BASE CAP) | ⑬ TEMPORARY CONCRETE BARRIER (TYPE AND LOCATION AS SHOWN ON PLANS) |
| ⑤ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | ⑭ PIPE UNDERDRAINS 6" |
| ⑥ PORTLAND CEMENT CONCRETE SHOULDERS 14" | ⑮ TEMPORARY PAVEMENT (INTERSTATE) / TEMPORARY SHOULDERS |
| ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE M4-24 | ⑯ LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 TIE BARS 24" LONG AT 24" C-C. |
| ⑧ CONCRETE BARRIER, DOUBLE FACE 32" | ⑰ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 TIE BARS 30" LONG AT 24" C-C. |
| ⑨ CONCRETE BARRIER, SINGLE FACE 32" | ⑱ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 TIE BARS 24" LONG AT 24" C-C. |
| | ⑲ BARRIER WALL MARKERS, TYPE C (80" C-C) |
| | ⑳ TOPSOIL FURNISH AND PLACE 4"; SEEDING CLASS 2A |
| | ㉑ CTA FENCE |
| | ㉒ MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR |
| | ㉓ CHAIN LINK FENCE, 6' (SPECIAL) (USED DURING ADJACENT CONSTRUCTION) |
| | ㉔ CONCRETE MEDIAN SURFACE 6" (SPECIAL) |
| | ㉕ SUB-BASE GRANULAR MATERIAL, TYPE B - 12" |

NOTES:

- ALL TIE BARS SHALL BE DEFORMED AND EPOXY COATED. TIE BARS SHALL BE INCLUDED IN THE COST OF PAVEMENT, SHOULDER, AND CURB AND GUTTER ITEMS AND WILL NOT BE PAID FOR SEPARATELY.
- THICKNESS OF EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL UNDERNEATH THE SHOULDER ADJACENT TO CTA VARIES FROM 0" UNDERNEATH BARRIER TO 12" ABOVE UNDERDRAIN. THE THICKNESS OF EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL AT UNDERDRAINS BETWEEN EXPRESS AND LOCAL LANES OR SLIP RAMP LANES MAY BE GREATER THAN 12" (SEE UNDERDRAIN DETAIL).
- THE UNDERDRAIN WILL BE CONSTRUCTED TO PROVIDE FOR SUB-BASE DRAINAGE OF THE FUTURE LOCAL LANES. SEE PIPE UNDERDRAIN DETAILS.
- SEE SPECIAL PROVISIONS AND EARTHWORK SCHEDULE FOR REQUIREMENTS OF 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL'.

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

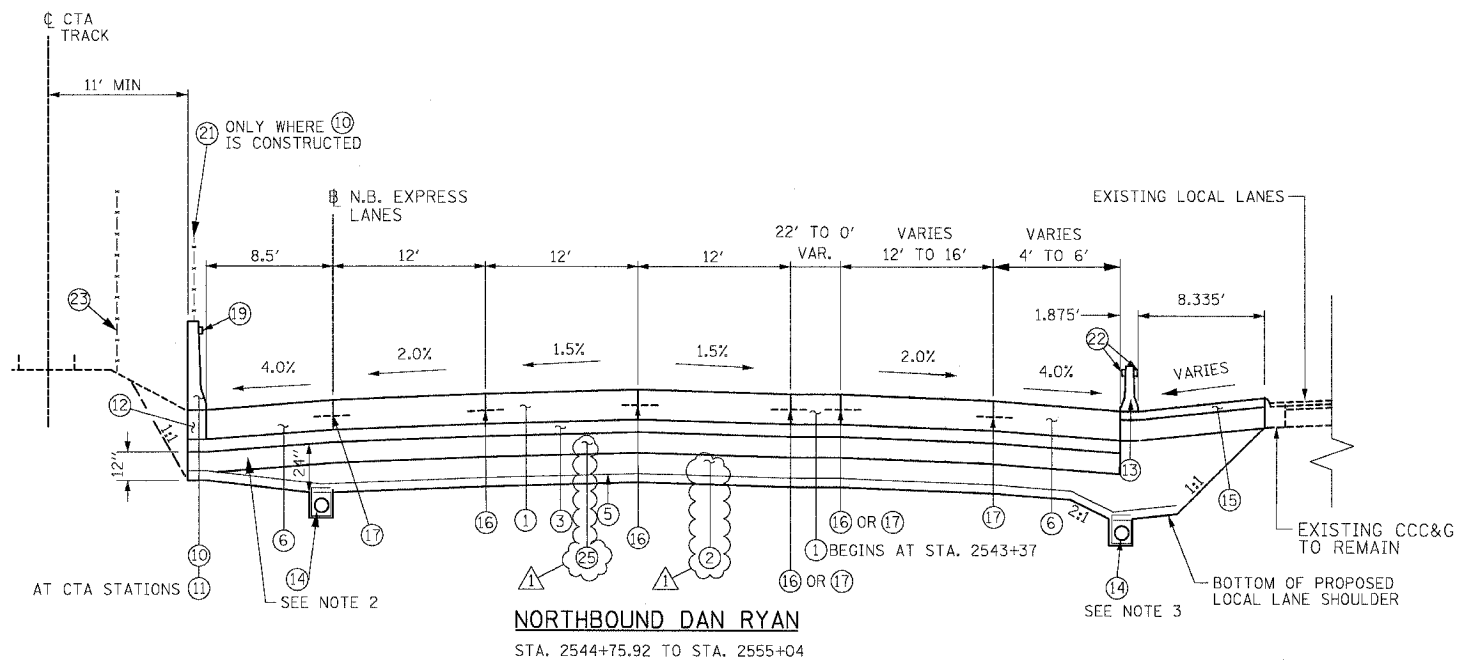
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DATE: 07/07/05

DRAWN BY: TER
CHECKED BY: JDC

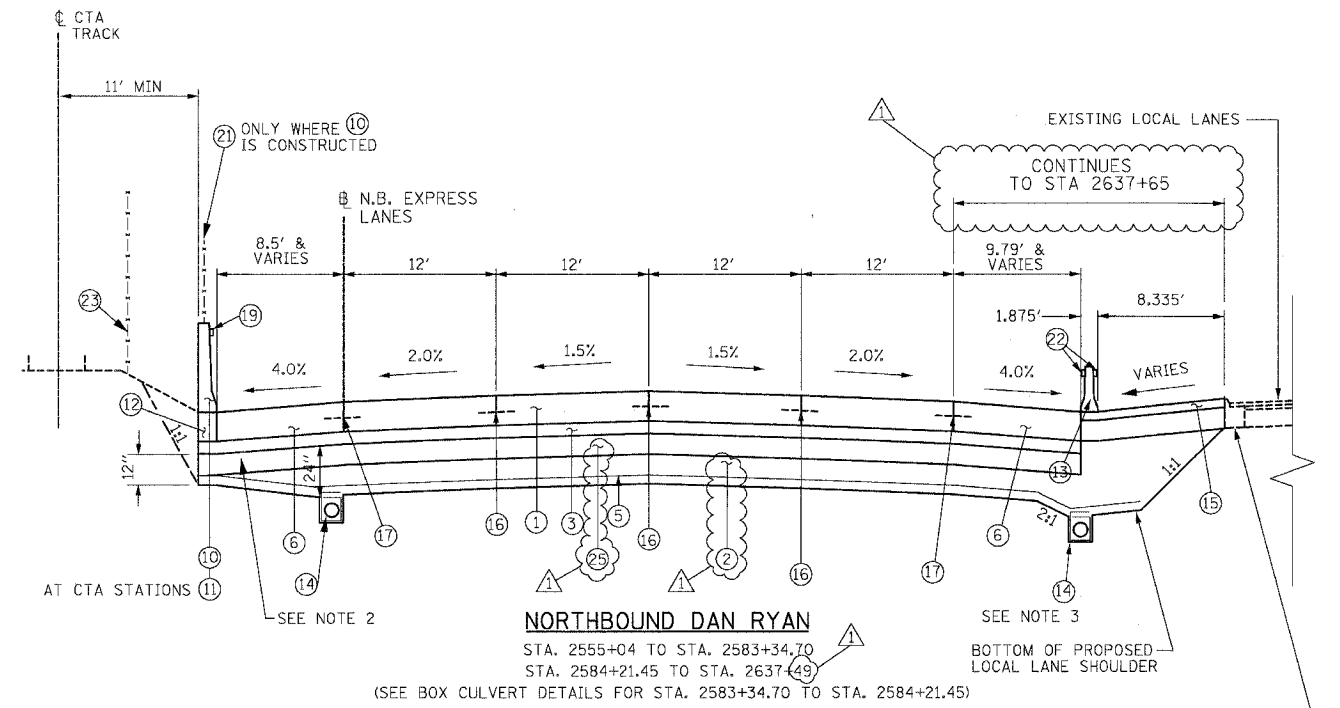
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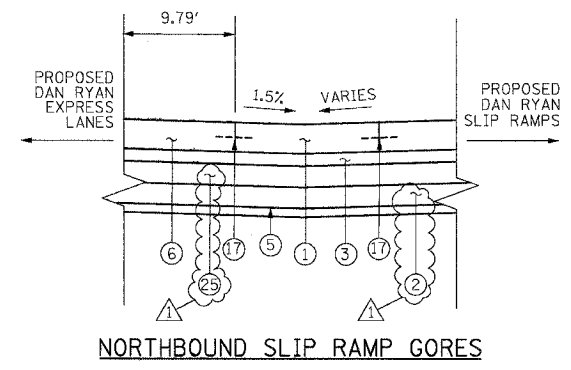
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	556	17
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62300	* (818, ETC. 2324.6-1P)R-8			



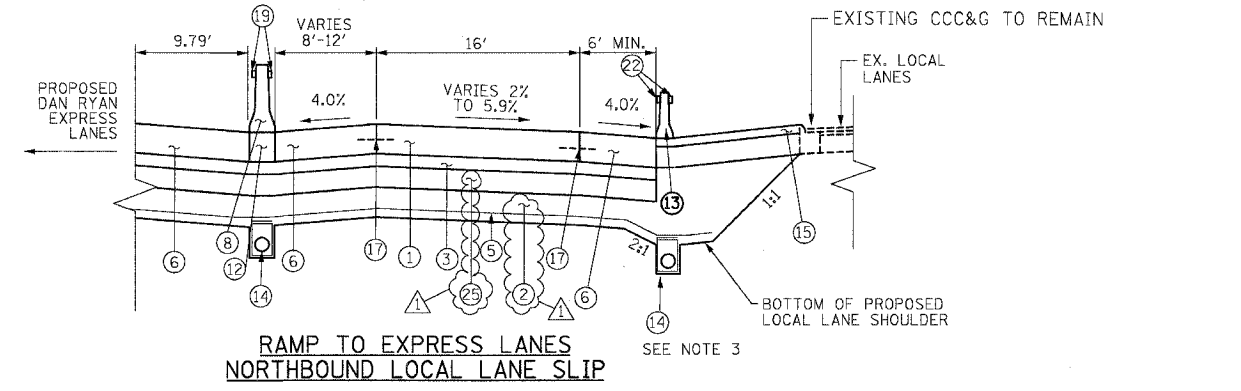
NORTHBOUND DAN RYAN
STA. 2544+75.92 TO STA. 2555+04



NORTHBOUND DAN RYAN
STA. 2555+04 TO STA. 2583+34.70
STA. 2584+21.45 TO STA. 2637+49
(SEE BOX CULVERT DETAILS FOR STA. 2583+34.70 TO STA. 2584+21.45)



NORTHBOUND SLIP RAMP GORES



**RAMP TO EXPRESS LANES
NORTHBOUND LOCAL LANE SLIP**

PROPOSED LEGEND

- | | |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14" | ⑩ CONCRETE BARRIER, SINGLE FACE 42" SPECIAL |
| ② EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL | ⑪ EXISTING BARRIER WALL MODIFICATIONS AT CTA STATIONS (SEE CIVIL DETAILS) |
| ③ STABILIZED SUB-BASE - 6" | ⑫ BARRIER BASE |
| ④ SUB-BASE GRANULAR MATERIAL, TYPE B - 24" (INCLUDES 3" GRANULAR SUB-BASE CAP) | ⑬ TEMPORARY CONCRETE BARRIER (TYPE AND LOCATION AS SHOWN ON PLANS) |
| ⑤ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | ⑭ PIPE UNDERDRAINS 6" |
| ⑥ PORTLAND CEMENT CONCRETE SHOULDERS 14" | ⑮ TEMPORARY PAVEMENT (INTERSTATE) / TEMPORARY SHOULDERS |
| ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE M4-24 | ⑯ LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 TIE BARS 24" LONG AT 24" C-C. |
| ⑧ CONCRETE BARRIER, DOUBLE FACE 32" | ⑰ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 TIE BARS 30" LONG AT 24" C-C. |
| ⑨ CONCRETE BARRIER, SINGLE FACE 32" | ⑱ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 TIE BARS 24" LONG AT 24" C-C. |
| | ⑲ BARRIER WALL MARKERS, TYPE C (80' C-C) |
| | ⑳ TOPSOIL FURNISH AND PLACE 4"; SEEDING CLASS 2A |
| | ㉑ CTA FENCE |
| | ㉒ MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR |
| | ㉓ CHAIN LINK FENCE, 6' (SPECIAL) (USED DURING ADJACENT CONSTRUCTION) |
| | ㉔ CONCRETE MEDIAN SURFACE 6" (SPECIAL) |
| | ㉕ SUB-BASE GRANULAR MATERIAL, TYPE B - 12" |

NOTES:

- ALL TIE BARS SHALL BE DEFORMED AND EPOXY COATED. TIE BARS SHALL BE INCLUDED IN THE COST OF PAVEMENT, SHOULDER, AND CURB AND GUTTER ITEMS AND WILL NOT BE PAID FOR SEPARATELY.
- THICKNESS OF EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL UNDERNEATH THE SHOULDER ADJACENT TO CTA VARIES FROM 0" UNDERNEATH BARRIER TO 12" ABOVE UNDERDRAIN. THE THICKNESS OF EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL AT UNDERDRAINS BETWEEN EXPRESS AND LOCAL LANES OR SLIP RAMP LANES MAY BE GREATER THAN 12" (SEE UNDERDRAIN DETAIL).
- THE UNDERDRAIN WILL BE CONSTRUCTED TO PROVIDE FOR SUB-BASE DRAINAGE OF THE FUTURE LOCAL LANES. SEE PIPE UNDERDRAIN DETAILS.
- SEE SPECIAL PROVISIONS AND EARTHWORK SCHEDULE FOR REQUIREMENTS OF EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL.

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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
PROPOSED TYPICAL SECTIONS
NORTHBOUND DAN RYAN
SCALE: NTS
DATE: 07/07/05
DRAWN BY: TER
CHECKED BY: JDC

TYP-06

06/11/2005 06:32:05 PM

PAVEMENT, SHOULDERS, AND MEDIANS

STATION	TO STATION	CONT REINF PCC PVT 14 (SQ YD)	PAVT REINF 14 (SQ YD)	PCC SHOULDERS 14 (SQ YD)	TEMP PAVEMENT (SQ YD)	TEMP SHOULDERS (SQ YD)	STAB SUB-BASE 6 (SQ YD)	SUB GRAN MAT B 24 (SQ YD)	SUB GRAN MAT B 12 (SQ YD)	GEOTECH FAB F/GR STAB (SQ YD)	CONC MEDIAN SURF 6 SP (SQ YD)	PROTECTIVE COAT (SQ YD)	BIT SHLD SUPER 6 (SQ YD)
2367+00	2382+00	11,345	11,345	1,121	545		12,657	12,657		12,657		12,519	
2382+00	2397+00	9,650	9,650	2,161	693		12,164	12,164		12,164		11,811	36
2397+00	2412+00	6,735	6,735	2,890			10,154	10,154		10,154	1810	9,625	
2412+00	2427+00	8,000	8,000	1,605	285		10,112	10,112		10,112	2187	9,783	
2427+00	2442+00	8,000	8,000	2,822	500		11,799	11,799		11,799		11,438	
2442+00	2457+00	8,000	8,000	3,383	420	557	12,779	12,779		12,222		11,803	
2457+00	2472+00	8,000	8,000	3,348	413		12,014	12,014		12,014		11,761	
2472+00	2487+00	8,000	8,000	3,145	531		11,805	11,805		11,805		11,676	
2487+00	2502+00	8,067	8,067	3,104	660		12,098	12,098		12,098		11,831	
2502+00	2517+00	9,660	9,660	3,631	1,953		15,532	15,532		15,532		15,244	
2517+00	2530+00	6,232	6,232	3,272	1,407		11,373	11,373		11,373		10,823	
2530+00	2542+00	4862	4862	2515	326	1034	7529		9118	7903		7377	
2542+00	2554+00	7959	7959	3140			11365		12580	11823		11099	
2554+00	2566+00	6412	6412	2471			9149		10147	9682		8883	
2566+00	2578+00	6400	6400	2471	426	591	9137		10042	9897		8871	
2578+00	2590+00	5937	5937	2264	414	659	8449		9454	9316		8201	
2590+00	2602+00	6400	6400	2440			9108		10214	9881		8840	
2602+00	2614+00	6400	6400	2302	409	655	8856		9889	9563		8702	
2614+00	2626+00	6400	6400	2147	809	291	8568		9675	9221		8547	
2626+00	2637+65	6128	6128	2431					9722	9430		8559	
TOTAL		148,588	148,588	52,802	9,685	8,221	212,883	132,486	90,891	218,645	3,997	207,392	36

PAVEMENT & SHOULDER REMOVAL

STATION	TO STATION	PAVEMENT REM (SQ YD)	PAVED SHLD REMOVAL (SQ YD)	APPROACH SLAB REM (SQ YD)
2367+00	2382+00	9,398	1,500	
2382+00	2397+00	11,262	1,951	
2397+00	2412+00	8,007	3,107	
2412+00	2427+00	6,999	3,039	
2427+00	2442+00	7,618	3,367	
2442+00	2457+00	9,110	3,524	
2457+00	2472+00	8,083	3,333	
2472+00	2487+00	8,094	3,127	
2487+00	2502+00	8,100	3,333	
2502+00	2517+00	10,036	4,352	
2517+00	2530+00	6,900	4,117	
2530+00	2542+00	6094	3044	
2542+00	2554+00	7754	3982	
2554+00	2566+00	6406	3060	
2566+00	2578+00	6400	3147	
2578+00	2590+00	6038	3071	219
2590+00	2602+00	6400	3167	
2602+00	2614+00	6400	3110	
2614+00	2626+00	6400	3027	
2626+00	2637+49	6128	3118	
TOTAL		151,628	63,526	219

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

ROADWAY
 SCHEDULE

SCALE: NONE
 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: PJM

12:00:00:00:35:00m 14815:00:00:00:35:00m 14815:00:00:00:35:00m 03/24/09 PH 08/17/2005

CONCRETE BARRIER WALL, COMBINATION CONCRETE CURB AND GUTTER, & CTA FENCE

STATION	TO STATION	CONC BAR 1F 32HT (FOOT)	CONC BAR 1F 42HT SPL (FOOT)	CTA FENCE (FOOT)	CONC BAR 1F 72HT SPL (FOOT)	CONC BAR 2F 32HT (FOOT)	CONC BAR TRANS (FOOT)	BARRIER BASE (FOOT)	BARRIER WALL MARKERS (EACH)	COMB CC&G TM4.24 (FOOT)	CTA GATE (EACH)	PROTECTIVE COAT (SQ YD)
2367+00	2382+00		783	826			15	798	10		1	656
2382+00	2397+00		1297	1338	66		39	1402	18	447	1	1,251
2397+00	2412+00	413	1600	1418		80	60	2153	28	509	2	1,834
2412+00	2427+00		1720	1376			110	1830	23		2	1,570
2427+00	2442+00	500	1500	1467				2000	25		1	1,563
2442+00	2457+00	829	1371	1423			40	2240	28		2	1,707
2457+00	2472+00		1411	1441			60	1471	19		1	1,209
2472+00	2487+00		478	572	30		91	599	9		1	509
2487+00	2502+00		1426	1438	39		68	1533	19		1	1,282
2502+00	2517+00		1398	1413		177	15	1590	22		1	1,307
2517+00	2530+00		1134	1149		1171	45	2350	44		1	1,932
2530+00	2542+00		162	162		1150	40	1352	45			981
2542+00	2554+00		1125	1100	75	137	28	1364	19		2	731
2554+00	2566+00		1076	1111			117	1192	15		2	537
2566+00	2578+00		993	1051			113	1106	15			495
2578+00	2590+00		1000	1104			45	1045	15		1	500
2590+00	2602+00		1200	1188			24	1224	15		1	600
2602+00	2614+00		680	683			31	711	15		1	340
2614+00	2626+00		93	80	61		15	169	15		1	97
2626+00	2637+49		890	907	61		52	1002	15		1	495
TOTAL		1,742	21,241	21,248	332	2,715	973	27,132	414	956	23	19,599

CONCRETE BARRIER & COMBINATION CONCRETE CURB AND GUTTER REMOVAL

STATION	TO STATION	CONC BARRIER REMOV (FOOT)	CTA BARRIER REMOV (FOOT)	COMB CURB GUTTER REM (FOOT)
2367+00	2382+00		907	720
2382+00	2397+00		1393	593
2397+00	2412+00	30	1418	880
2412+00	2427+00	1019	1418	478
2427+00	2442+00	1500	1500	68
2442+00	2457+00	1,526	1422	604
2457+00	2472+00	1441	1441	
2472+00	2487+00	1376	501	
2487+00	2502+00	1467	1478	
2502+00	2517+00	1474	1413	1185
2517+00	2530+00	1200	1150	1250
2530+00	2542+00	1200	162	1045
2542+00	2554+00	1250	1200	2008
2554+00	2566+00	1126	1117	
2566+00	2578+00	1051	1060	
2578+00	2590+00	1102	1114	
2590+00	2602+00	1200	1200	
2602+00	2614+00	1112	694	
2614+00	2626+00	1132	93	
2626+00	2637+49	1078	1100	
TOTAL		21,284	21,780	8,832



REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

ROADWAY SCHEDULE

SCALE: NONE
 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: PJM

JA:G30090355.con 148/15 baad/NA/SCI/400326.SHT
 08/11/2005 03:24:27 PM

TERMINAL SECTIONS AND IMPACT ATTENUATORS

STATION	TO STATION	IMP ATTEN SU NAR TL3 (EACH)	IMP ATTEN SU WID TL3 (EACH)	IMPACT ATTEN NRD TL3 (EACH)	IMP ATTEN TEMP NRD TL3 (EACH)	IMPACT ATTENUATOR REM (EACH)	TR BAR TRM T1 SPL TAN (EACH)	TRAF BAR TERM T6 (EACH)
2367+00	2382+00				4	2		
2382+00	2397+00		1				1	1
2397+00	2412+00							
2412+00	2427+00	1						
2427+00	2442+00			1	1			
2442+00	2457+00					1		
2457+00	2472+00							
2472+00	2487+00				1			
2487+00	2502+00							
2502+00	2517+00	1						
2517+00	2530+00					1		
2530+00	2542+00			☁️				
2542+00	2554+00	1			☁️	1		
2554+00	2566+00							
2566+00	2578+00							
2578+00	2590+00							
2590+00	2602+00							
2602+00	2614+00							
2614+00	2626+00							
2626+00	2637+99							
SKYWAY						1		
TOTAL		3	1	1	☁️	6	1	1

TEMPORARY CONCRETE BARRIER

STATION	TO STATION	EXISTING TEMP. BARRIER ON SITE (FT)	TEMP. BARRIER FOR STAGE 1 & 3 (FT)	ADDITIONAL TEMP BARRIER FOR STAGE 2 (FT)	TEMP. BARRIER FOR FINAL CONDITION (FT)	FUR TEMP CONC BARRIER (FOOT)	TEMP CONC BARRIER (FOOT)	REL TEMP CONC BARRIER (FOOT)
2367+00	2382+00		1850				1850	3524
2382+00	2397+00	1211	1790				1790	3205
2397+00	2412+00	751	948				948	
2412+00	2427+00	497	1500		1536		-36 *	394
2427+00	2442+00		1500	1000	1500	577	1000	577
2442+00	2457+00		1500	1500	1500	1500	1500	1500
2457+00	2472+00		1500	1500	1350	1350	1650	1350
2472+00	2487+00		1500	1500	1365	1365	1635	1365
2487+00	2502+00		1500	1500	1435	1435	1565	1435
2502+00	2517+00		1500	1300	1425	1425	1375	1425
2517+00	2530+00		1275		300	☁️	975	300
2530+00	2542+00		☁️			☁️	☁️	
2542+00	2554+00			☁️	1104	☁️	☁️	1104
2554+00	2566+00			1200	1059	☁️	☁️	1059
2566+00	2578+00			1200	1393	☁️	☁️	1393
2578+00	2590+00			1200	1099	☁️	☁️	1099
2590+00	2602+00			1200	1275	☁️	☁️	1275
2602+00	2614+00			1200	1107	☁️	☁️	1107
2614+00	2626+00			☁️	☁️	☁️	☁️	☁️
2626+00	2637+99			☁️	☁️	☁️	☁️	☁️
SKYWAY		142						
TOTAL						☁️	☁️	☁️

* NOTE: A NEGATIVE NUMBER MEANS THAT MORE TEMPORARY CONCRETE BARRIER IS REQUIRED FOR THE FINAL CONDITION THAN DURING TRAFFIC STAGING.



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

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) 31ST STREET TO 71ST STREET NB EXPRESS LANE RECONSTRUCTION
NAME	DATE	
ADDENDUM 1	8/12/05	ROADWAY SCHEDULE SCALE: NONE DATE: 7/7/05 DRAWN BY: TAI CHECKED BY: PJM

03/24/06 PH

EARTHWORK SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	22
STA.	TO STA.			
62300	+ 1816, ETC., 2324.6-1P1R-8			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATION TO STATION	EARTH EXCAVATION (CU YD)	EXCAVATE EXISTING GRANULAR MATERIAL (CU YD)	PLACE EXISTING GRANULAR MATERIAL (CU YD)	EXISTING GRANULAR MATERIAL BALANCE SURPLUS (+) OR SHORTAGE (-) (CU YD)
2367+00.00	2368+00.00	726.3	64	64
2368+00.00	2369+00.00	701.9	65	65
2369+00.00	2370+00.00	695.3	75	75
2370+00.00	2371+00.00	703.0	77	77
2371+00.00	2372+00.00	707.6	66	66
2372+00.00	2373+00.00	677.8	65	65
2373+00.00	2374+00.00	655.0	63	63
2374+00.00	2375+00.00	669.9	62	62
2375+00.00	2376+00.00	697.1	60	60
2376+00.00	2377+00.00	692.5	65	65
2377+00.00	2378+00.00	685.8	70	70
2378+00.00	2379+00.00	705.6	65	65
2379+00.00	2380+00.00	719.5	60	60
2380+00.00	2381+00.00	743.1	59	59
2381+00.00	2382+00.00	781.2	65	65
2382+00.00	2383+00.00	798.5	74	74
2383+00.00	2384+00.00	787.0	70	70
2384+00.00	2385+00.00	777.2	67	67
2385+00.00	2386+00.00	797.2	69	69
2386+00.00	2387+00.00	882.1	72	72
2387+00.00	2388+00.00	1006.2	73	73
2388+00.00	2389+00.00	1184.2	77	77
2389+00.00	2390+00.00	1299.6	80	80
2390+00.00	2391+00.00	1241.7	71	71
2391+00.00	2392+00.00	1189.8	58	58
2392+00.00	2393+00.00	1199.8	54	54
2393+00.00	2394+00.00	1228.7	53	53
2394+00.00	2395+00.00	1225.1	53	53
2395+00.00	2396+00.00	1212.3	53	53
2396+00.00	2397+00.00	1253.0	53	53
2397+00.00	2398+00.00	1397.4	53	53
2398+00.00	2399+00.00	1475.1	53	53
2399+00.00	2400+00.00	1372.4	63	63
2400+00.00	2401+00.00	1194.2	72	72
2401+00.00	2402+00.00	721.2	62	62
2402+00.00	2403+00.00	582.3	51	51
2403+00.00	2404+00.00	714.9	50	50
2404+00.00	2405+00.00	422.4	50	50
2405+00.00	2406+00.00	211.6	49	49
2406+00.00	2407+00.00	215.9	49	49
2407+00.00	2408+00.00	296.7	59	59
2408+00.00	2409+00.00	405.0	67	67
2409+00.00	2410+00.00	447.0	64	64
2410+00.00	2411+00.00	461.9	58	58
2411+00.00	2412+00.00	551.5	54	54

SEE NOTE 4

STATION TO STATION	EARTH EXCAVATION (CU YD)	EXCAVATE EXISTING GRANULAR MATERIAL (CU YD)	PLACE EXISTING GRANULAR MATERIAL (CU YD)	EXISTING GRANULAR MATERIAL BALANCE SURPLUS (+) OR SHORTAGE (-) (CU YD)
2412+00.00	2413+00.00	720.5	54	54
2413+00.00	2414+00.00	813.9	53	53
2414+00.00	2415+00.00	811.9	53	53
2415+00.00	2416+00.00	820.6	55	55
2416+00.00	2417+00.00	840.5	58	58
2417+00.00	2418+00.00	873.1	60	60
2418+00.00	2419+00.00	892.9	61	61
2419+00.00	2420+00.00	887.7	59	59
2420+00.00	2421+00.00	804.0	57	57
2421+00.00	2422+00.00	645.6	56	56
2422+00.00	2423+00.00	506.5	56	56
2423+00.00	2424+00.00	447.1	57	57
2424+00.00	2425+00.00	451.0	56	56
2425+00.00	2426+00.00	483.4	56	56
2426+00.00	2427+00.00	532.5	55	55
2427+00.00	2428+00.00	580.4	55	55
2428+00.00	2429+00.00	624.4	55	55
2429+00.00	2430+00.00	642.0	56	56
2430+00.00	2431+00.00	659.5	57	57
2431+00.00	2432+00.00	657.8	57	57
2432+00.00	2433+00.00	653.9	57	57
2433+00.00	2434+00.00	673.7	60	60
2434+00.00	2435+00.00	709.5	63	63
2435+00.00	2436+00.00	744.0	65	65
2436+00.00	2437+00.00	749.0	68	68
2437+00.00	2438+00.00	725.3	69	69
2438+00.00	2439+00.00	681.5	70	70
2439+00.00	2440+00.00	646.5	72	72
2440+00.00	2441+00.00	653.5	74	74
2441+00.00	2442+00.00	716.2	76	76
2442+00.00	2443+00.00	799.9	78	78
2443+00.00	2444+00.00	836.2	79	79
2444+00.00	2445+00.00	823.4	78	78
2445+00.00	2446+00.00	754.5	83	83
2446+00.00	2447+00.00	692.1	86	86
2447+00.00	2448+00.00	678.4	81	81
2448+00.00	2449+00.00	671.9	74	74
2449+00.00	2450+00.00	632.1	72	72
2450+00.00	2451+00.00	624.5	70	70
2451+00.00	2452+00.00	691.7	68	68
2452+00.00	2453+00.00	720.6	66	66
2453+00.00	2454+00.00	720.8	66	66
2454+00.00	2455+00.00	731.9	66	66
2455+00.00	2456+00.00	732.0	66	66
2456+00.00	2457+00.00	728.2	66	66

SEE NOTE 4

NOTES:

- PLAN QUANTITIES FOR 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL' ARE ESTIMATED AND SUBJECT TO ADJUSTMENT BASED ON FIELD CONDITIONS. EXISTING THICKNESSES OF SUBBASE GRANULAR MATERIALS SHOWN ON THE TYPICAL SECTIONS WERE USED TO ESTIMATE THE AVAILABLE VOLUME OF EXISTING GRANULAR MATERIAL. THESE THICKNESSES ARE BASED ON AS-BUILT DRAWINGS. IT WAS ASSUMED THAT 3" OF EXISTING SUBBASE GRANULAR MATERIAL THICKNESS WILL NOT MEET THE REQUIREMENTS OF THE SPECIAL PROVISION FOR 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL', AND THIS REDUCTION IN VOLUME AVAILABLE IS REFLECTED IN THE PLAN QUANTITIES.

IF DEVIATIONS FROM THE ESTIMATED AVAILABLE VOLUME OF EXISTING GRANULAR MATERIAL ARE ENCOUNTERED IN THE FIELD, THEN THE QUANTITIES FOR 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL', 'EARTH EXCAVATION', 'SUB-BASE GRANULAR MATERIAL, TYPE B - 12"', AND 'SUB-BASE GRANULAR MATERIAL, TYPE B - 24"' WILL ALL BE INCREASED OR DECREASED AS DIRECTED BY THE ENGINEER UTILIZING THE UNIT PRICES IN THE CONTRACT BID WITH NO ADDITIONAL COMPENSATION TO THE CONTRACTOR.
- 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL' WILL BE MEASURED FOR PAYMENT IN ITS ORIGINAL POSITION. THE CONTRACTOR WILL NOT BE PAID SEPARATELY FOR PLACING THE EXISTING GRANULAR MATERIAL. SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS OF 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL'.
- END AREAS SHOWN IN THE CROSS SECTIONS DO NOT REFLECT 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL'. 'EARTH EXCAVATION' VOLUMES GIVEN IN THE EARTHWORK SCHEDULE HAVE BEEN ADJUSTED TO ACCOUNT FOR THE VOLUME OF 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL'.
- IT IS ESTIMATED THAT THERE WILL NOT BE ENOUGH EXISTING GRANULAR MATERIAL AVAILABLE TO PLACE IN THE SUBGRADE FOR THE ENTIRE LENGTH OF THE CONTRACT. WHERE THIS IS THE CASE THE ENTIRE THICKNESS IN THESE AREAS WILL BE COMPOSED OF 'SUB-BASE GRANULAR MATERIAL, TYPE B - 24"'.

▲



REVISIONS	
NAME	DATE
▲ ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 EARTHWORK SCHEDULE
 SCALE: NONE
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

05/31/05 PJM

EARTHWORK SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	22A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	• (1818, ETC., 2324.6-IP)R-8			

STATION TO STATION	EARTH EXCAVATION (CU YD)	EXCAVATE EXISTING GRANULAR MATERIAL (CU YD)	PLACE EXISTING GRANULAR MATERIAL (CU YD)	EXISTING GRANULAR MATERIAL BALANCE SURPLUS (+) OR SHORTAGE (-) (CU YD)
2457+00.00	2458+00.00	713.3	66	66
2458+00.00	2459+00.00	694.9	66	66
2459+00.00	2460+00.00	624.9	103	103
2460+00.00	2461+00.00	591.5	103	103
2461+00.00	2462+00.00	635.6	66	66
2462+00.00	2463+00.00	644.8	66	66
2463+00.00	2464+00.00	654.2	66	66
2464+00.00	2465+00.00	674.7	66	66
2465+00.00	2466+00.00	685.8	66	66
2466+00.00	2467+00.00	700.6	66	66
2467+00.00	2468+00.00	715.3	66	66
2468+00.00	2469+00.00	719.0	66	66
2469+00.00	2470+00.00	720.9	66	66
2470+00.00	2471+00.00	722.8	66	66
2471+00.00	2472+00.00	730.3	66	66
2472+00.00	2473+00.00	723.0	66	66
2473+00.00	2474+00.00	702.8	66	66
2474+00.00	2475+00.00	729.4	67	67
2475+00.00	2476+00.00	737.7	68	68
2476+00.00	2477+00.00	706.7	66	66
2477+00.00	2478+00.00	692.5	63	63
2478+00.00	2479+00.00	681.9	63	63
2479+00.00	2480+00.00	678.9	64	64
2480+00.00	2481+00.00	677.5	65	65
2481+00.00	2482+00.00	682.7	65	65
2482+00.00	2483+00.00	687.8	66	57
2483+00.00	2484+00.00	698.4	66	247
2484+00.00	2485+00.00	710.8	67	248
2485+00.00	2486+00.00	740.0	67	250
2486+00.00	2487+00.00	775.2	67	249
2487+00.00	2488+00.00	803.1	67	249
2488+00.00	2489+00.00	810.4	67	249
2489+00.00	2490+00.00	777.3	67	248
2490+00.00	2491+00.00	731.3	67	248
2491+00.00	2492+00.00	692.3	67	251
2492+00.00	2493+00.00	684.9	67	252
2493+00.00	2494+00.00	697.8	67	252
2494+00.00	2495+00.00	700.1	67	251
2495+00.00	2496+00.00	704.4	66	252
2496+00.00	2497+00.00	722.9	66	252
2497+00.00	2498+00.00	748.8	66	252
2498+00.00	2499+00.00	761.7	66	253
2499+00.00	2500+00.00	763.6	66	255
2500+00.00	2501+00.00	763.6	66	258
2501+00.00	2502+00.00	742.9	66	248

SEE NOTE 4

STATION TO STATION	EARTH EXCAVATION (CU YD)	EXCAVATE EXISTING GRANULAR MATERIAL (CU YD)	PLACE EXISTING GRANULAR MATERIAL (CU YD)	EXISTING GRANULAR MATERIAL BALANCE SURPLUS (+) OR SHORTAGE (-) (CU YD)
2502+00.00	2503+00.00	740.8	68	254
2503+00.00	2504+00.00	742.0	71	275
2504+00.00	2505+00.00	738.1	73	283
2505+00.00	2506+00.00	778.1	76	291
2506+00.00	2507+00.00	816.3	78	302
2507+00.00	2508+00.00	817.8	80	313
2508+00.00	2509+00.00	826.6	83	324
2509+00.00	2510+00.00	853.8	87	348
2510+00.00	2511+00.00	861.2	91	366
2511+00.00	2512+00.00	877.8	93	373
2512+00.00	2513+00.00	907.1	95	384
2513+00.00	2514+00.00	947.8	97	385
2514+00.00	2515+00.00	1004.0	98	386
2515+00.00	2516+00.00	1019.3	97	386
2516+00.00	2517+00.00	1049.1	95	380
2517+00.00	2518+00.00	1037.8	94	364
2518+00.00	2519+00.00	1011.5	92	346
2519+00.00	2520+00.00	1028.3	90	337
2520+00.00	2521+00.00	1026.8	88	331
2521+00.00	2522+00.00	1021.6	86	324
2522+00.00	2523+00.00	975.6	84	313
2523+00.00	2524+00.00	817.2	72	264
2524+00.00	2525+00.00	700.9	60	222
2525+00.00	2526+00.00	740.3	60	227
2526+00.00	2527+00.00	768.0	60	228
2527+00.00	2528+00.00	739.3	59	222
2528+00.00	2529+00.00	674.1	56	206
2529+00.00	2530+00.00	638.8	56	203
2530+00.00	2531+00.00	676.6	60	231.9
2531+00.00	2532+00.00	723.7	63	249.6
2532+00.00	2533+00.00	696.5	63	245.4
2533+00.00	2534+00.00	651.5	63	246.1
2534+00.00	2535+00.00	608.9	62	244.8
2535+00.00	2536+00.00	584.8	61	230.8
2536+00.00	2537+00.00	625.1	62	221.9
2537+00.00	2538+00.00	672.1	63	226.6
2538+00.00	2539+00.00	673.1	65	232.5
2539+00.00	2540+00.00	650.0	65	242.8
2540+00.00	2541+00.00	847.0	77	197.7
2541+00.00	2542+00.00	1196.2	95	284.3
2542+00.00	2543+00.00	1399.6	101	410.1
2543+00.00	2544+00.00	1362.8	101	417.0
2544+00.00	2545+00.00	1207.7	97	428.4
2545+00.00	2546+00.00	1096.5	93	405.7
2546+00.00	2547+00.00	995.9	89	378.2

STATION TO STATION	EARTH EXCAVATION (CU YD)	EXCAVATE EXISTING GRANULAR MATERIAL (CU YD)	PLACE EXISTING GRANULAR MATERIAL (CU YD)	EXISTING GRANULAR MATERIAL BALANCE SURPLUS (+) OR SHORTAGE (-) (CU YD)
2547+00.00	2548+00.00	925.5	86	361.5
2548+00.00	2549+00.00	864.6	84	358.5
2549+00.00	2550+00.00	814.5	81	351.8
2550+00.00	2551+00.00	777.0	79	342.9
2551+00.00	2552+00.00	734.8	76	333.8
2552+00.00	2553+00.00	724.8	75	320.1
2553+00.00	2554+00.00	734.9	74	306.9
2554+00.00	2555+00.00	713.4	73	296.2
2555+00.00	2556+00.00	622.9	68	310.7
2556+00.00	2557+00.00	612.3	68	272.0
2557+00.00	2558+00.00	672.6	71	269.2
2558+00.00	2559+00.00	680.2	71	314.3
2559+00.00	2560+00.00	683.8	71	299.7
2560+00.00	2561+00.00	690.7	71	304.6
2561+00.00	2562+00.00	715.3	71	311.6
2562+00.00	2563+00.00	729.8	71	313.3
2563+00.00	2564+00.00	733.2	71	304.4
2564+00.00	2565+00.00	724.1	71	294.6
2565+00.00	2566+00.00	665.6	67	324.6
2566+00.00	2567+00.00	673.3	67	289.6
2567+00.00	2568+00.00	742.2	71	263.1
2568+00.00	2569+00.00	754.6	71	298.4
2569+00.00	2570+00.00	770.2	71	297.7
2570+00.00	2571+00.00	746.9	71	296.5
2571+00.00	2572+00.00	688.7	71	299.2
2572+00.00	2573+00.00	650.6	71	301.5
2573+00.00	2574+00.00	617.4	71	299.7
2574+00.00	2575+00.00	514.6	67	314.2
2575+00.00	2576+00.00	508.8	67	264.1
2576+00.00	2577+00.00	571.9	71	246.2
2577+00.00	2578+00.00	586.8	71	291.8
2578+00.00	2579+00.00	635.4	71	286.0
2579+00.00	2580+00.00	651.3	71	282.4
2580+00.00	2581+00.00	606.8	71	282.3
2581+00.00	2582+00.00	418.8	214	279.6
2582+00.00	2583+00.00	273.2	339	292.0
2583+00.00	2584+00.00	117.4	338	265.9
2584+00.00	2585+00.00	172.1	356	-29.4
2585+00.00	2586+00.00	382.2	356	14.9
2586+00.00	2587+00.00	221.7	512	313.8
2587+00.00	2588+00.00	57.8	659	311.4
2588+00.00	2589+00.00	57.2	647	308.4
2589+00.00	2590+00.00	62.2	633	308.8
2590+00.00	2591+00.00	64.2	619	310.0
2591+00.00	2592+00.00	65.4	615	309.6

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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

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

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	22B
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	• (1818, ETC, 2324.6-1P/R-8			

EARTHWORK SCHEDULE

STATION TO STATION		EARTH EXCAVATION (CU YD)	EXCAVATE EXISTING GRANULAR MATERIAL (CU YD)	PLACE EXISTING GRANULAR MATERIAL (CU YD)	EXISTING GRANULAR MATERIAL BALANCE SURPLUS (+) OR SHORTAGE (-) (CU YD)
2592+00.00	2593+00.00	69.8	609	309.4	300
2593+00.00	2594+00.00	74.6	596	309.6	286
2594+00.00	2595+00.00	72.8	600	309.4	291
2595+00.00	2596+00.00	65.2	624	309.5	314
2596+00.00	2597+00.00	68.9	629	308.7	320
2597+00.00	2598+00.00	71.7	632	311.9	320
2598+00.00	2599+00.00	64.2	632	313.9	318
2599+00.00	2600+00.00	64.8	622	311.1	311
2600+00.00	2601+00.00	75.4	616	309.8	307
2601+00.00	2602+00.00	81.0	623	309.9	313
2602+00.00	2603+00.00	79.7	636	311.7	324
2603+00.00	2604+00.00	77.2	652	312.9	339
2604+00.00	2605+00.00	75.1	670	314.0	356
2605+00.00	2606+00.00	238.2	514	315.7	199
2606+00.00	2607+00.00	342.3	353	315.0	38
2607+00.00	2608+00.00	272.2	353	310.3	43
2608+00.00	2609+00.00	136.0	453	321.2	132
2609+00.00	2610+00.00	51.6	586	280.8	305
2610+00.00	2611+00.00	116.4	603	265.7	337
2611+00.00	2612+00.00	149.1	563	297.4	266
2612+00.00	2613+00.00	153.9	544	291.2	253
2613+00.00	2614+00.00	147.8	570	289.9	280
2614+00.00	2615+00.00	141.1	615	284.4	331
2615+00.00	2616+00.00	138.9	640	281.9	358
2616+00.00	2617+00.00	140.6	623	282.9	340
2617+00.00	2618+00.00	144.6	582	291.9	290
2618+00.00	2619+00.00	274.3	447	303.6	144
2619+00.00	2620+00.00	396.2	334	304.6	30
2620+00.00	2621+00.00	333.2	342	291.2	51
2621+00.00	2622+00.00	326.9	352	283.5	69
2622+00.00	2623+00.00	225.9	513	297.4	216
2623+00.00	2624+00.00	70.1	681	311.1	370
2624+00.00	2625+00.00	71.6	669	312.5	356
2625+00.00	2626+00.00	72.6	659	307.2	352
2626+00.00	2627+00.00	66.4	678	301.3	377
2627+00.00	2628+00.00	62.9	668	296.6	372
2628+00.00	2629+00.00	56.1	650	292.1	358
2629+00.00	2630+00.00	43.6	667	287.8	380
2630+00.00	2631+00.00	44.2	700	284.8	415
2631+00.00	2632+00.00	247.6	534	283.7	250
2632+00.00	2633+00.00	439.5	352	283.6	68
2633+00.00	2634+00.00	438.0	351	282.9	69
2634+00.00	2635+00.00	458.8	352	281.9	70
2635+00.00	2636+00.00	431.2	333	296.9	36
2636+00.00	2637+00.00	378.6	333	261.0	72
2637+00.00	2637+49.00	169.2			
TOTALS		172,538	44,744	44,744	0

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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

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

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	24
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	1818, ETC, 2324.6-1PIR-8			

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING REMOVAL (SQ FT)	
PMK-1	30'S - 10'D (W)	2367+00	2382+00	156	
	30'S - 10'D (W)	2367+00	2382+00	156	
	SOLID (Y)	2367+00	2382+00	500	
PMK-2	SOLID (Y)	2382+00	2393+67	389	
	30'S - 10'D (W)	2382+00	2393+67	97	
	30'S - 10'D (W)	2382+00	2393+67	97	
	⊗ GORES	4384+25	4391+37	475	
	⊗ GORES	4384+25	4391+37	475	
	30'S - 10'D (W)	4385+88	4397+07	117	
	SOLID (W)	4385+88	4397+07	373	
	SOLID (Y)	4391+37	4397+07	190	
	6'S - 2'D (W)	4391+37	4401+02	80	
	SOLID (Y)	4397+07	4412+42	512	
	SOLID (W)	4397+07	4412+42	512	
	30'S - 10'D (W)	4397+07	4412+42	160	
	PMK-3	SOLID (W)	4412+25	4426+98	491
		SOLID (W)	4412+42	4414+25	61
		SOLID (Y)	4412+42	4426+98	485
30'S - 10'D (W)		4412+42	4426+98	152	
⊗ GORES		4414+25	4417+50	217	
⊗ GORES		4414+25	4417+50	217	
30'S - 10'D (W)		4417+50	4426+98	99	
SOLID (W)		4426+98	4432+84	195	
30'S - 10'D (W)		4426+98	4437+32	86	
SOLID (Y)		4426+98	4441+96	499	
30'S - 10'D (W)		4426+98	4441+96	156	
⊗ GORES		4432+83	4434+87	136	
⊗ GORES		4432+83	4434+87	136	
6'S - 2'D (W)		4434+87	4436+38	13	
⊗ GORES		4436+38	4443+93	503	
⊗ GORES		4436+38	4443+93	503	
⊗ GORES		4437+32	4442+80	365	
⊗ GORES		4437+32	4442+80	365	
PMK-4	SOLID (Y)	4442+80	4457+00	473	
	SOLID (W)	4443+93	4457+00	436	
	30'S - 10'D (W)	4441+96	4457+00	157	
	6'S - 2'D (W)	4453+83	4457+00	26	
	SOLID (W)	4457+00	4461+99	166	
	⊗ GORES	4457+00	4461+99	333	
	⊗ GORES	4457+00	4461+99	333	
	SOLID (Y)	4457+00	4471+99	500	
	30'S - 10'D (W)	4457+00	4471+99	156	
	SOLID (W)	4461+99	4471+99	333	
	PMK-5	SOLID (Y)	4471+99	4486+99	500
		SOLID (W)	4471+99	4486+99	500
		30'S - 10'D (W)	4471+99	4486+99	156
		SOLID (W)	4486+99	4487+49	17
		SOLID (Y)	4486+99	4502+00	500
30'S - 10'D (W)		4486+99	4502+00	156	
⊗ GORES		4487+49	4492+04	303	
⊗ GORES		4487+49	4492+04	303	
SOLID (W)		4487+49	4502+00	484	
6'S - 2'D (W)		4492+04	4494+21	18	
PMK-6		SOLID (W)	4502+00	4511+67	322
		SOLID (Y)	4502+00	4515+15	438
	30'S - 10'D (W)	4502+00	4517+01	156	
	6'S - 2'D (W)	4504+13	4507+28	26	
	⊗ GORES	4507+28	4514+06	452	
	⊗ GORES	4507+28	4514+06	452	
	SOLID (W)	4514+06	4517+01	98	
	⊗ GORES	4515+15	4517+55	160	
	⊗ GORES	4515+15	4517+55	160	
	SOLID (Y)	4515+15	4529+76	487	
	SOLID (W)	4517+00	4529+76	425	
	30'S - 10'D (W)	4517+01	4529+76	133	
	30'S - 10'D (W)	4517+55	4523+15	58	
	30'S - 10'D (W)	4524+56	4529+76	54	
	12'S - 3'D (W)	4523+15	4529+76	110	

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	WORKZONE PAVEMENT MARKING REMOVAL CONT'D (SQ FT)
MOT-25	4" 4" SOLID (Y)	2364+20	2367+00	93
	4" 4" SOLID (W)	2364+20	2367+00	93
	4" 6'S - 2'D (W)	2364+20	2367+00	23
	4" 4" SOLID (Y)	2367+00	2382+00	500
	4" 4" SOLID (W)	2367+00	2374+60	253
	4" 4" SOLID (W)	2372+75	2382+00	308
	4" 4" SOLID (Y)	2372+75	2374+60	62
	5" 5" 30'S - 10'D	2364+20	2367+00	29
	5" 5" 30'S - 10'D	2364+20	2367+00	29
	5" 5" 30'S - 10'D	2367+00	2382+00	156
	5" 5" 30'S - 10'D	2367+00	2382+00	156
	8" 8" SOLID (W)	2367+00	2372+75	383
8" 8" SOLID (W)	2367+00	2372+75	383	
12" 12" SOLID (W)	2367+00	2372+75	457	
MOT-26	4" 4" SOLID (Y)	2382+00	2392+67	356
	4" 4" SOLID (W)	2382+00	2392+67	356
	4" 4" SOLID (Y)	4384+63	4391+37	225
	4" 4" SOLID (W)	4384+63	4391+37	225
	5" 5" 30'S - 10'D	2382+00	2392+67	111
	5" 5" 30'S - 10'D	2382+00	2392+67	111
TOTAL				64,959

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING REMOVAL (SQ FT)	
MOT-14	4" SOLID (W)	4540+70.00	4542+31.00		
	4" SOLID (W)	4550+00.00	4554+05.00		
	4" 6'S - 2'D (W)	4543+00.00	4546+90.00		
	5" 30'S - 10'D (W)	4529+80.00	4554+05.00		
	8" 6'S - 2'D (W)	4529+80.00	4535+10.00		
	8" SOLID (W)	4535+10.00	4540+50.00		
	8" SOLID (W)	4537+00.00	4541+50.00		
	8" SOLID (W)	4542+31.00	4543+00.00		
	8" SOLID (W)	4546+90.00	4550+00.00		
	12" SOLID (W)	4542+31.00	4543+00.00		
	12" SOLID (W)	4546+90.00	4550+00.00		
MOT-15	4" SOLID (W)	4554+05.00	4564+00.00		
	4" SOLID (W)	4573+90.00	4578+05.00		
	4" 6'S - 2'D (W)	4565+80.00	4571+00.00		
	5" 30'S - 10'D (W)	4554+05.00	4578+05.00		
	8" SOLID (W)	4564+00.00	4565+80.00		
	8" SOLID (W)	4571+00.00	4573+90.00		
	12" SOLID (W)	4564+00.00	4565+80.00		
	12" SOLID (W)	4571+00.00	4573+90.00		
	MOT-16	4" SOLID (W)	4578+05.00	4582+50.00	
		4" SOLID (W)	4586+40.00	4601+00.00	
4" 6'S - 2'D (W)		4582+50.00	4584+35.00		
5" 30'S - 10'D (W)		4578+05.00	4602+05.00		
8" SOLID (W)		4584+35.00	4586+40.00		
8" SOLID (W)		4601+00.00	4602+50.00		
12" SOLID (W)		4584+35.00	4586+40.00		
12" SOLID (W)		4601+00.00	4602+50.00		
MOT-17	4" SOLID (W)	4611+00.00	4617+00.00		
	4" 6'S - 2'D (W)	4605+25.00	4611+00.00		
	4" 6'S - 2'D (W)	4620+80.00	4624+20.00		
	5" 30'S - 10'D (W)	4602+05.00	4621+80.00		
	5" 30'S - 10'D (W)	4621+80.00	4626+05.00		
	8" SOLID (W)	4602+05.00	4605+25.00		
	8" SOLID (W)	4617+00.00	4620+80.00		
	8" SOLID (W)	4624+20.00	4626+05.00		
	8" 6'S - 2'D (W)	4621+80.00	4626+05.00		
	ARROW AND ONLY	4621+90.00			
	12" SOLID (W)	4602+05.00	4605+25.00		
	12" SOLID (W)	4617+00.00	4620+80.00		
12" SOLID (W)	4624+20.00	4626+05.00			
MOT-18	4" SOLID (W)	4626+90.00	4639+77.00		
	5" 30'S - 10'D (W)	4626+05.00	4639+77.00		
	8" SOLID (W)	4625+05.00	4626+90.00		
	8" SOLID (W)	4631+60.00	4639+77.00		
	8" SOLID (W)	4635+00.00	4639+77.00		
	8" 6'S - 2'D (W)	4626+05.00	4631+60.00		
	12" SOLID (W)	4635+00.00	4639+77.00		
	LEFT TURN ONLY	4626+80.00			
LEFT TURN ONLY	4631+80.00				
TOTAL				26,297	

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

SCALE: NONE
DATE: 7/7/05

DRAWN BY: ATD
CHECKED BY: TAI

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

08/11/2005 03:27:05 PM

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	TEMPORARY PAVEMENT MARKING-LINE 6" (FOOT)
STAGE IA MOT-4	SOLID (Y) AT BARRIER WALL	2367+52	2374+60	708
		2367+52	2382+00	1448
MOT-5	SOLID (Y) AT BARRIER WALL	4381+76	4384+75	299
		4382+15	4391+39	924
STAGE IB MOT-6	SOLID (Y) AT BARRIER WALL	2365+00	2367+00	200
		2367+00	2382+00	1500
MOT-7	SOLID (Y) AT BARRIER WALL	4381+76	4390+99	923
		4384+24	4387+25	301
STAGE IC MOT-8	SOLID (Y) AT BARRIER WALL	2367+00	2374+76	776
MOT-9	SOLID (Y) AT BARRIER WALL	4382+08	4387+27	519
STAGE I MOT-10	SOLID (Y) AT BARRIER WALL	4417+50	4426+98	948
		4426+98	4441+96	1498
MOT-11	SOLID (Y) AT BARRIER WALL	4441+96	4457+00	1504
		4457+00	4471+99	1499
MOT-12	SOLID (Y) AT BARRIER WALL	4471+99	4486+99	1500
		4486+99	4502+00	1501
MOT-13	SOLID (Y) AT BARRIER WALL	4502+00	4517+01	1501
		4517+01	4529+76	1275
MOT-14	SOLID (Y) AT BARRIER WALL	4529+80.00	4554+05.00	2,425
MOT-15	SOLID (Y) AT BARRIER WALL	4554+05.00	4578+05.00	2,400
MOT-16	SOLID (Y) AT BARRIER WALL	4578+05.00	4602+05.00	2,400
MOT-17	SOLID (Y) AT BARRIER WALL	4602+05.00	4626+05.00	2,400
MOT-18	SOLID (Y) AT BARRIER WALL	4626+05.00	4637+60.00	1,155
MOT-25	SOLID (Y) AT BARRIER WALL	2373+00	2382+00	900
MOT-26	SOLID (Y) AT BARRIER WALL	4381+76	4391+37	961
			TOTAL	31,465

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING TYPE III 8" (FOOT)
STAGE IA MOT-4	⊙ GORES	2354+35	2359+50	515
		2354+35	2359+50	515
		2364+04	2367+52	348
		2364+04	2367+52	348
MOT-5	⊙ GORES	4389+83	4390+95	112
		4389+83	4390+95	112
STAGE IB MOT-6	⊙ GORES	2356+78	2360+22	344
		2356+78	2360+22	344
		2370+28	2374+71	443
		2370+28	2374+71	443
MOT-7	⊙ GORES	4389+83	4390+99	116
		4389+83	4390+99	116
STAGE IC MOT-8	⊙ GORES	2368+71	2374+60	589
		2368+71	2374+76	605
STAGE I MOT-10	⊙ GORES	4414+24	4416+78	254
		4414+24	4416+78	254
		4432+84	4434+89	205
		4432+84	4434+89	205
		4438+07	4440+60	253
		4438+07	4440+60	253
MOT-11	⊙ GORES	4458+85	4461+99	314
		4458+85	4461+99	314
MOT-12	⊙ GORES	4487+50	4488+99	149
		4487+50	4488+99	149
MOT-13	⊙ GORES	4510+02	4514+05	403
		4510+02	4514+05	403
STAGE II MOT-25	⊙ GORES	2367+00	2372+75	575
		2367+00	2372+75	575
MOT-19	⊙ GORES	4432+00	4436+98	498
		4432+00	4436+98	498
MOT-22	⊙ GORES	4520+00	4523+76	376
		4520+00	4523+76	376
		4528+00	4530+00	50
STAGE I MOT-14	⊙ GORES	4542+31.00	4543+00.00	138
	⊙ GORES	4547+06.00	4550+00.00	294
MOT-15	⊙ GORES	4564+00.00	4565+15.00	115
	⊙ GORES	4571+25.00	4573+88.00	263
MOT-16	⊙ GORES	4584+51.00	4586+40.00	189
	⊙ GORES	4601+00.00	4602+05.00	105
MOT-17	⊙ GORES	4602+05.00	4604+50.00	245
	⊙ GORES	4616+86.00	4620+17.00	331
MOT-18	⊙ GORES	4624+59.00	4626+05.00	146
	6'S - 2'D (W)	4621+66.00	4626+05.00	110
MOT-18A	⊙ GORES	4616+00.00	4619+93.00	395
	⊙ GORES X 2	4617+93.60	4619+93.00	395
STAGE II MOT-23	⊙ GORES	4626+05.00	4626+90.00	85
	12'S - 3'D (W)	4626+05.00	4629+80.00	75
	12'S - 3'D (W)	4529+80.00	4534+70.00	98
	⊙ GORES X 2	4534+70.00	4541+99.00	1,458
	SOLID (W)	4529+80.00	4541+99.00	1,219
			TOTAL	16,720

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	MARKING TYPE III 5" (FOOT)
STAGE IA MOT-4	30'S - 10'D (W)	2364+04	2367+00	74
		2367+00	2382+00	375
		4381+76	4397+07	383
MOT-5	30'S - 10'D (W)	4390+95	4397+07	153
		4397+07	4412+42	384
		4397+07	4412+42	384
STAGE IB MOT-6	30'S - 10'D (W)	2356+78	2367+00	256
		2356+78	2367+00	256
		2367+00	2382+00	375
		2367+00	2370+28	82
MOT-7	30'S - 10'D (W)	4381+76	4391+37	240
		4390+99	4391+37	10
STAGE IC MOT-8	30'S - 10'D (W)	2367+00	2382+00	375
		2367+00	2368+71	43
MOT-9	30'S - 10'D (W)	4381+76	4387+27	138
STAGE I MOT-10	30'S - 10'D (W)	4412+42	4426+98	364
		4412+42	4426+98	364
		4426+98	4441+96	375
MOT-10	30'S - 10'D (W)	4426+98	4441+96	375
		4441+96	4457+00	376
MOT-11	30'S - 10'D (W)	4441+96	4457+00	376
		4457+00	4471+99	375
		4457+00	4471+99	375
MOT-12	30'S - 10'D (W)	4471+99	4486+99	375
		4471+99	4486+99	375
		4486+99	4502+00	375
		4486+99	4502+00	375
MOT-13	30'S - 10'D (W)	4502+00	4517+01	375
		4502+00	4517+01	375
		4517+01	4529+76	319
		4517+01	4529+76	319
MOT-14	30'S - 10'D (W)	4529+80.00	4554+05.00	1,213
MOT-15	30'S - 10'D (W)	4554+05.00	4578+05.00	1,200
MOT-16	30'S - 10'D (W)	4578+05.00	4602+05.00	1,200
MOT-17	30'S - 10'D (W)	4602+05.00	4626+05.00	600
	30'S - 10'D (W)	4602+05.00	4621+66.00	490
MOT-18	30'S - 10'D (W)	4626+05.00	4629+80.00	119
STAGE III MOT-25	30'S - 10'D (W)	2364+20	2367+00	70
		2367+00	2382+00	375
		2367+00	2382+00	375
MOT-26	30'S - 10'D (W)	2382+00	2392+67	267
		2382+00	2392+67	267
			TOTAL	15,638

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING TAPE, TYPE III -LETTERS & SYMBOLS (SQ FT)
STAGE I MOT-13	LEFT TURN ONLY	2517+00	2530+00	36
MOT-17	LEFT TURN ONLY	4621+80.00	2530+00	36
	LEFT TURN ONLY	4626+80.00		36
STAGE II MOT-23	LEFT TURN ONLY	4531+50.00		36
	LEFT TURN ONLY	4534+80.00		36
			TOTAL	180

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC SCHEDULE
 SCALE: NONE
 DATE: 7/7/05
 DRAWN BY: ATD
 CHECKED BY: TAI

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	26
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	* (1818, ETC, 2324.6-1)R-8			

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING TYPE III 4" (FOOT)
STAGE IA MOT-4	SOLID (Y)	2352+00	2367+00	1500
	6'S - 2'D (W)	2359+50	2362+53	76
	SOLID (W)	2354+35	2367+00	1265
	SOLID (Y)	2367+00	2382+00	1500
	SOLID (W)	2367+00	2372+14	514
MOT-5	SOLID (Y)	2367+52	2374+60	708
	SOLID (W)	2367+52	2382+00	1448
	SOLID (Y)	4381+76	4397+07	1531
	SOLID (W)	4381+76	4389+83	807
	SOLID (Y)	4384+24	4389+83	559
STAGE IB MOT-6	SOLID (W)	4384+24	4397+07	1283
	SOLID (Y)	4397+07	4400+96	389
	SOLID (W)	4397+07	4400+96	389
	SOLID (Y)	2356+78	2367+00	1022
	SOLID (W)	2354+35	2367+00	1265
MOT-7	SOLID (Y)	2354+35	2356+78	243
	6'S - 2'D (W)	2360+22	2363+22	75
	SOLID (Y)	2367+00	2382+00	1500
	SOLID (W)	2374+71	2382+00	729
	SOLID (W)	2367+00	2374+37	737
STAGE IC MOT-8	SOLID (Y)	4381+76	4391+37	961
	SOLID (W)	4381+76	4389+83	807
	SOLID (W)	4384+63	4391+37	674
	SOLID (Y)	4384+63	4389+83	520
	SOLID (Y)	2367+00	2382+00	1500
MOT-9	SOLID (W)	2367+00	2374+76	776
	SOLID (W)	2374+60	2382+00	740
	SOLID (Y)	4381+76	4387+27	551
	SOLID (W)	4381+76	4387+27	551
	SOLID (Y)	4400+96	4412+42	1146
STAGE I MOT-10	SOLID (W)	4400+96	4412+42	1146
	SOLID (Y)	4412+42	4426+98	1456
	SOLID (W)	4412+42	4414+24	182
	SOLID (W)	4414+24	4426+98	1274
	6'S - 2'D (W)	4416+78	4426+98	255
MOT-11	6'S - 2'D (W)	4426+98	4430+00	76
	SOLID (Y)	4426+98	4441+96	1498
	SOLID (W)	4426+98	4432+84	586
	SOLID (W)	4432+84	4440+60	776
	SOLID (Y)	4440+60	4441+96	136
MOT-12	6'S - 2'D (W)	4434+89	4438+07	80
	SOLID (Y)	4441+96	4457+00	1504
	SOLID (W)	4441+96	4457+00	1504
	6'S - 2'D (W)	4455+57	4457+00	36
	SOLID (Y)	4457+00	4471+99	1499
MOT-13	6'S - 2'D (W)	4457+00	4458+85	46
	SOLID (W)	4457+00	4461+99	499
	SOLID (W)	4461+99	4471+99	1000
	SOLID (Y)	4471+99	4486+99	1500
	SOLID (W)	4471+99	4486+99	1501
MOT-14	SOLID (W)	4486+99	4487+50	51
	6'S - 2'D (W)	4488+99	4492+60	90
	SOLID (W)	4487+50	4502+00	1450
	SOLID (Y)	4502+00	4517+01	1501
	SOLID (W)	4502+00	4514+05	1205
MOT-15	6'S - 2'D (W)	4506+05	4510+02	99
	SOLID (W)	4514+05	4517+01	296
	SOLID (Y)	4517+01	4529+76	1275
	SOLID (Y)	4517+01	4529+76	1275
	SOLID (W)	4517+01	4529+76	1275

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING TYPE III 4" (FOOT)
STAGE II MOT-25	SOLID (Y)	2364+20	2367+00	280
	SOLID (W)	2364+20	2367+00	280
	6'S - 2'D (W)	2364+20	2367+00	70
	SOLID (Y)	2367+00	2382+00	1500
	SOLID (W)	2367+00	2374+60	760
MOT-26	SOLID (Y)	2372+75	2382+00	925
	SOLID (W)	2372+75	2374+60	185
	SOLID (Y)	2382+00	2392+67	1067
	SOLID (W)	2382+00	2392+67	1067
	SOLID (Y)	4384+63	4391+37	674
MOT-19	SOLID (W)	4384+63	4391+37	674
	SOLID (Y)	4428+00	4442+00	1400
	6'S - 2'D (W)	4428+00	4432+00	100
	SOLID (W)	4436+98	4442+00	502
	SOLID (Y)	2442+00	2457+00	1500
MOT-20	SOLID (W)	2442+00	2457+00	1500
	SOLID (Y)	2457+00	2472+00	1500
	SOLID (W)	2457+00	2472+00	1500
	SOLID (Y)	2472+00	2487+00	1500
	SOLID (W)	2472+00	2487+00	1500
MOT-21	SOLID (Y)	2487+00	2502+00	1500
	SOLID (W)	2487+00	2502+00	1500
	SOLID (Y)	2502+00	2517+00	1500
	SOLID (W)	2502+00	2517+00	1500
	SOLID (Y)	2517+00	2530+00	1300
STAGE I MOT-14	SOLID (W)	2517+00	2520+00	300
	6'S - 2'D (W)	4523+76	4528+00	106
	SOLID (W)	4540+70.00	4542+31.00	161
	6'S - 2'D (W)	4543+00.00	4547+06.00	102
	SOLID (W)	4550+00.00	4554+05.00	405
MOT-15	SOLID (Y)	4529+80.00	4554+05.00	2,425
	SOLID (W)	4554+05.00	4564+00.00	995
	SOLID (W)	4565+51.00	4569+83.00	432
	SOLID (W)	4573+88.00	4578+05.00	417
	SOLID (Y)	4554+05.00	4578+05.00	2,400
MOT-16	6'S - 2'D (W)	4565+15.00	4571+25.00	153
	SOLID (W)	4578+05.00	4582+66.00	461
	SOLID (W)	4586+40.00	4601+00.00	1,460
	SOLID (Y)	4578+05.00	4602+05.00	2,400
	6'S - 2'D (W)	4582+66.00	4584+51.00	46
MOT-17	SOLID (W)	4610+50.00	4616+86.00	636
	SOLID (W)	4621+67.00	4624+32.00	265
	SOLID (Y)	4602+05.00	4626+05.00	2,400
	6'S - 2'D (W)	4604+50.00	4610+50.00	150
	6'S - 2'D (W)	4620+17.00	4624+59.00	111
MOT-18	SOLID (W)	4626+90.00	4629+80.00	290
	SOLID (Y)	4626+05.00	4629+80.00	375
	SOLID (W)	4619+92.00	4626+06.30	616
	SOLID (Y)	4619+92.00	4626+06.30	616
	6'S - 2'D (W)	4616+00.00	4617+93.60	49
MOT-18A	SOLID (W)	4626+06.30	4642+29.00	1,630
	SOLID (Y)	4626+06.30	4642+29.00	1,630
	6'S - 2'D (W)	4541+99.00	4626+05.00	8,406
	SOLID (W)	4541+99.00	4626+05.00	8,406
	SOLID (Y)	4541+99.00	4626+05.00	8,406
MOT-23	SOLID (W)	4626+05.00	4642+29.00	1,624
	SOLID (Y)	4626+05.00	4642+29.00	1,624
	TOTAL			114,100

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING TYPE III 12" (FOOT)
STAGE IA MOT-4	⊙ GORE (DIAGONAL)	2354+35	2359+50	313
MOT-5	⊙ GORE (DIAGONAL)	2364+04	2367+52	202
STAGE IB MOT-6	⊙ GORE (DIAGONAL)	4389+83	4390+95	13
MOT-7	⊙ GORE (DIAGONAL)	2356+78	2360+22	137
STAGE IC MOT-8	⊙ GORE (DIAGONAL)	2370+28	2374+71	125
STAGE I MOT-10	⊙ GORE (DIAGONAL)	4389+83	4390+99	9
MOT-11	⊙ GORE (DIAGONAL)	2368+71	2374+76	707
MOT-12	⊙ GORE (DIAGONAL)	4414+24	4416+78	59
MOT-13	⊙ GORE (DIAGONAL)	4432+84	4434+89	94
MOT-14	⊙ GORE (DIAGONAL)	4438+07	4440+60	205
	⊙ GORE (DIAGONAL)	4458+85	4461+99	100
	⊙ GORE (DIAGONAL)	4487+50	4488+99	22
	⊙ GORE (DIAGONAL)	4510+02	4514+05	102
	⊙ GORE (DIAGONAL)	4542+31.00	4543+00.00	20
	SHLDR DIAG.	4541+99.00	4637+65.00	541
MOT-18A	⊙ GORE (DIAGONAL)	4617+93.6	4619+92.8	3
STAGE II MOT-19	⊙ GORE (DIAGONAL)	4432+00	4436+98	153
MOT-20	⊙ SHLDR. (DIAGONAL)	4436+98	4442+00	27
MOT-21	⊙ SHLDR. (DIAGONAL)	2442+00	2472+00	122
MOT-22	⊙ SHLDR. (DIAGONAL)	2472+00	2502+00	151
MOT-25	⊙ GORE (DIAGONAL)	4520+00	4523+76	122
	⊙ SHLDR. (DIAGONAL)	2502+00	2530+00	96
	⊙ GORE (DIAGONAL)	2367+00	2372+75	457
△ TOTAL				3,813

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

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) 31ST STREET TO 71ST STREET NB EXPRESS LANE RECONSTRUCTION MAINTENANCE OF TRAFFIC SCHEDULE
NAME	DATE	
ADDENDUM 1	8/12/05	SCALE: NONE DATE: 7/7/05 DRAWN BY: ATD CHECKED BY: TAI

1403000035.00m 1480510000V33C1400026-SFT 03/26/05 PW 08/17/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	28
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	*	(1818, ETC, 2324.6-IPR-8		

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	EPOXY PAVEMENT MARKING - LINE 12" (FOOT)
PMK-1	SOLID (W) @ GORE SOLID (W)	2368+62 2367+00	2375+80 2382+00	540.50 44.50
PMK-2	SOLID (W) @ GORE SOLID (W) @ GORE SOLID (W) @ GORE SOLID (W)	2381+24 4384+25 2408+02 2382+00	2391+59 4391+37 2411+32 2412+00	325.50 237.25 92.25 221.00
PMK-3	SOLID (W) @ GORE SOLID (W) @ GORE SOLID (W) @ GORE SOLID (W)	4414+25 4432+84 4437+52 2412+00	4417+50 4434+62 4440+48 2442+00	110.50 108.25 305.00 151.00
PMK-4	SOLID (W) @ GORE SOLID (W) @ SHOULDER	4457+00 2442+00	4461+99 2472+00	272.75 198.50
PMK-5	SOLID (W) @ GORE SOLID (W) @ SHOULDER	4487+49 2472+00	4491+10 2502+00	136.25 224.00
PMK-6	12' GORE TAPE SOLID (W) @ GORE SOLID (W) @ GORE SOLID (W)	2502+09 4507+28 4516+33 2502+00	2515+23 4514+06 4524+56 2530+00	701.25 336.75 553.50 197.25
PMK-7	EXPRESS @ SOLID (W) @ GORE LOCAL @ SOLID (W) @ GORE SOLID (W) @ GORE	2543+78.00 4536+87.00 4546+55.00	2553+02.00 4542+57.00 4550+69.00	400 333 55
PMK-8	LOCAL @ SOLID (W) @ GORE SOLID (W) @ GORE	4564+00.00 4570+97.20	4565+81.90 4573+88.30	15 27
PMK-9	LOCAL @ SOLID (W) @ GORE SOLID (W) @ GORE	4584+34.30 4601+00.00	4586+40.00 4602+05.00	22 9
PMK-10	LOCAL @ SOLID (W) @ GORE SOLID (W) @ GORE SOLID (W) @ GORE	4602+05.00 4616+86.00 4624+40.60	4605+29.30 4620+70.00 4626+05.00	27 36 18
PMK-12	SOLID (W) @ GORE SOLID (W)	2502+09 5997+48	2515+23 6006+31	107.25 18.50
			TOTAL	5,824

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	EPOXY PAVEMENT MARKING - LINE 8" (FOOT)
PMK-1	SOLID (W) SOLID (W) SOLID (W) SOLID (W)	2368+62 2368+62 2381+24 2381+24	2374+60 2375+80 2382+00 2382+00	598 718 76 76
PMK-2	SOLID (W) SOLID (W) SOLID (W) SOLID (W) SOLID (W) SOLID (W)	2382+00 4381+76 4384+25 4384+25 2408+02 2408+02	2391+59 4391+38 4391+37 4391+37 2411+32 2411+32	959 962 712 712 330 330
PMK-3	SOLID (W) SOLID (W) SOLID (W) SOLID (W) SOLID (W) SOLID (W)	4414+25 4414+25 4432+84 4432+84 4437+52 4437+52	4417+50 4417+50 4434+62 4434+62 4440+61 4440+61	325 325 178 178 309 309
PMK-4	SOLID (W) SOLID (W)	4457+00 4457+00	4461+99 4461+99	499 499
PMK-5	12'S - 3'D (W) 12'S - 3'D (W) SOLID (W) SOLID (W)	2482+11 2487+00 4487+49 4487+49	2487+00 2502+00 4491+10 4491+10	122 375 361 361
PMK-6	12'S - 3'D (W) SOLID (W) SOLID (W) SOLID (W) SOLID (W) SOLID (W) SOLID (W) SOLID (W) SOLID (W) 12'S - 3'D (W)	2502+00 2502+09 2502+09 4507+28 4507+28 4516+33 4516+33 4516+33 4527+14	2502+09 2515+23 2515+23 4514+06 4514+06 4524+56 4524+56 4524+56 4529+76	2 1314 1314 678 678 823 823 823 66

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	EPOXY PAVEMENT MARKING - LINE 8" (FOOT)
PMK-7	EXPRESS @ @ GORE (TIMES 2) LOCAL @ @ GORE (TIMES 2) SOLID (W) SOLID (W) SOLID (W) 12'S - 3'D (W)	2543+78.00 4536+87.00 4533+86.00 4542+90.00 4546+55.00 4529+80.00	2553+02.00 4542+57.00 4536+87.00 4543+53.00 4550+69.00 4533+86.00	1,848 1,140 301 63 414 81
PMK-8	LOCAL @ SOLID (W) SOLID (W)	4564+00.00 4570+97.20	4565+81.90 4573+88.30	249 319
PMK-9	LOCAL @ SOLID (W)	4584+34.30 4601+00.00	4586+40.00 4602+05.00	206 105
PMK-10	LOCAL @ @ GORE @ GORE @ GORE 12'S - 3'D (W)	4602+05.00 4616+86.00 4624+40.60 4621+60.00	4605+29.30 4620+70.00 4626+05.00 4626+05.00	404 439 183 89
PMK-11	LOCAL @ @ GORE 12'S - 3'D (W)	4626+05.00 4626+05.00	4626+90.70 4629+80.00	86 75
PMK-12	SOLID (W) SOLID (W)	6001+20 6001+20	6004+70 6004+70	350 350
			TOTAL	21,714

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (SQ FT)
PMK-5	LEFT TURN ONLY LEFT TURN ONLY LEFT TURN ONLY LEFT TURN ONLY	2472+00 2487+00 2487+00 2487+00	2487+00 2502+00 2502+00 2502+00	36.3 36.3 36.3 36.3
PMK-6	LEFT TURN ONLY LEFT TURN ONLY	2502+00 2517+00	2517+00 2530+00	36.3 36.3
PMK-7	LEFT TURN ONLY	4534+00.00		36
PMK-10	LEFT TURN ONLY	4622+00.00		36
PMK-11	LEFT TURN ONLY	4626+80.00		36
			TOTAL	327

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

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) 31ST STREET TO 71ST STREET NB EXPRESS LANE RECONSTRUCTION PAVEMENT MARKING SCHEDULE
NAME	DATE	
ADDENDUM 1	8/12/05	SCALE: NONE DATE: 7/7/05 DRAWN BY: ATD CHECKED BY: TAI

03/25/05 03:25:57 PM

PAY ITEM	SIGN NO.	STATION	ROUTE	SIZE (HEIGHT x LENGTH)	ES2-03	ES2-04	PS2-01	PS2-02	ES3-03	IS0161094L058.4	ES4-02	ES4-03	1B0161094L057.8	1B0161094L057.2	ES5-02	ES6-02	ES6-03	ES6-04	PS6-01	PS6-02	1B0161094L056.7	ES6-06	TS3-01	TS4-01	TS4-01	
					1384+50	1384+50	2391+50	2407+20	4422+10	2442+20	1445+30	2474+11.88	2501+77.65	2474+00	2408+80	2410+75	2411+50	2515+15	2518+00	4828+57.81						
SIGN PANEL - TYPE 1				SO FT 12																						
SIGN PANEL - TYPE 2				SO FT 96																						
SIGN PANEL - TYPE 3				SO FT 4186						463			575	575						16	16					
SIGN PANEL OVERLAY				SO FT 2																						
REMOVE SIGN PANEL - TYPE 2				SO FT 72								16					16	16								
REMOVE SIGN PANEL - TYPE 3				SO FT 591	37.5	65																				
RELOCATE SIGN PANEL - TYPE 2				SO FT 12																						
RELOCATE SIGN PANEL - TYPE 3				SO FT 488																						
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY				POUND 1890																						
TELESCOPING STEEL SIGN SUPPORT				FOOT 88			12	12																		
WOOD SIGN SUPPORT				FOOT 17																						
OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")				FOOT 72						72																
OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")				FOOT 142																						
OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED				FOOT 332									56	56												
OVERHEAD SIGN STRUCTURE WALKWAY				FOOT 377									56	56												
CONCRETE FOUNDATIONS				CU YD																						
DRILLED SHAFT CONCRETE FOUNDATIONS				CU YD 179						17.5																
REMOVE OVERHEAD SIGN STRUCTURE - SPAN				EACH 6							1				1	1										
REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED				EACH 7				1														1				
REMOVE CONCRETE FOUNDATION - OVERHEAD				EACH 14							2				2	2										
OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A				FOOT 100						44																
REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER (VMS)				EACH 1																						
TEMPORARY INFORMATION SIGNING				SO FT 729																			225	65	37.5	

PAY ITEM	SIGN NO.	STATION	ROUTE	SIZE (HEIGHT x LENGTH)	TS3-02	TS3-03	DMS	CTE	TS18A-01	TS18A-02	TS18A-01
					2362+50	2356+90	DMS	2602+94	2615+65	2602+94	
SIGN PANEL - TYPE 1				SO FT	(6'X7'-6")X3	(6'X5'-6")X2			(5.85'X2") (9.17'X4.63')	(5.85'X2") (7.42'X4.63')	(3.42'X4')
SIGN PANEL - TYPE 2				SO FT							
SIGN PANEL - TYPE 3				SO FT							
SIGN PANEL OVERLAY				SO FT							
REMOVE SIGN PANEL - TYPE 2				SO FT							
REMOVE SIGN PANEL - TYPE 3				SO FT							
RELOCATE SIGN PANEL - TYPE 2				SO FT							
RELOCATE SIGN PANEL - TYPE 3				SO FT							
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY				POUND							
TELESCOPING STEEL SIGN SUPPORT				FOOT							
WOOD SIGN SUPPORT				FOOT							
OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")				FOOT							
OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")				FOOT				71.6			
OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED				FOOT							
OVERHEAD SIGN STRUCTURE WALKWAY				FOOT							
CONCRETE FOUNDATIONS				CU YD							
DRILLED SHAFT CONCRETE FOUNDATIONS				CU YD				38.3			
REMOVE OVERHEAD SIGN STRUCTURE - SPAN				EACH							
REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED				EACH							
REMOVE CONCRETE FOUNDATION - OVERHEAD				EACH			1				
OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A				FOOT				56			
REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER (VMS)				EACH							
TEMPORARY INFORMATION SIGNING				SO FT	135	78			48.67	41.69	13.68

NOTE: DYNAMIC MESSAGE SIGN AT STA. 2461+51.44 IS NOT SHOWN IN THIS SCHEDULE.



REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

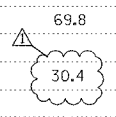
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION

SIGNING SCHEDULE

SCALE: NONE
 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: GG

PAY ITEM	SIGN NO.	1S0161094 L056.60	TS17-01	ES17-01	W12-1	W4-3	TS17-03	1S0161094 L056.43	ES17-02 ES17-03	TS17-02	TS18-01	TS18-02	1S0161094 L055.94	ES18-01	TS18-03	ES19-02	1B0161094 L055.73	ES19-04	PS09-02	1S0161094 L055.41	ES20-01	
	STATION	4536+00	4540+00	4540+17	4542+40	4542+90	4544+00	4545+35	4545+43	4545+50	4555+00	4569+50	4571+00	4571+02	4571+00	4582+26	4582+26	4582+26	4597+12	4598+65	4599+00	4608+15
	ROUTE	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94	I-94
	SIZE (HEIGHTxLENGTH)		8'x15'		4'x4'	4'x4'	4'x3'		8'x15' 8'x11' 4'x3'	8'x11'	8'x10'	8'x10'	7'x10'	8'x10' 8'x10' 8'x15'	8'x15'	9'-6"x26' 12'-6"x19'-6"	14'x23' 14'x17'-6"		20'-1"x8'-6"	DYNAMIC MESSAGE SIGN		4'x3'
UNIT																						
SIGN PANEL - TYPE 1	SQ FT																					
SIGN PANEL - TYPE 2	SQ FT				16	16																
SIGN PANEL - TYPE 3	SQ FT																567					
SIGN PANEL OVERLAY	SQ FT										2											
REMOVE SIGN PANEL - TYPE 2	SQ FT								12													12
REMOVE SIGN PANEL - TYPE 3	SQ FT								208					280								
RELOCATE SIGN PANEL - TYPE 2	SQ FT								12													
RELOCATE SIGN PANEL - TYPE 3	SQ FT		120.0							88	80	80										
STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY	POUND		450.0							450	270	270										
TELESCOPING STEEL SIGN SUPPORT	FOOT				12	12																
WOOD SIGN SUPPORT	FOOT								17													
OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT																					
OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT																					
OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT																56					
OVERHEAD SIGN STRUCTURE WALKWAY	FOOT																56					
CONCRETE FOUNDATIONS	CU YD		1.4							1.4	1.4	1.4										
DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	22.4						19.8					20.4									
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH			1					1													
REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH																					
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH			1					1													
OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT																					
REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER (VMS)	EACH																					
TEMPORARY INFORMATION SIGNING	SQ FT																					



PAY ITEM	SIGN NO.	ES20-03	1B0161094 L054.97	ES21-01	1B0161094 L054.72	MILE MARKER	TEMPORARY INFORMATION SIGN	TEMPORARY INFORMATION SIGN	3530+00	4528+55	TEMPORARY INFORMATION SIGN
	STATION	4622+25	4622+31	4635+47	4635+47	VARIOUS	4515+00	4519+00			4528+50
	ROUTE	I-94	I-94	I-94	I-94	I-94	I-94	I-94			I-94
	SIZE (HEIGHTxLENGTH)	10'-6"x26' 13'x16'	14'x23' 14'x17'-6"	13'x26' 13'x19'-6"	14'x23' 14'x17'-6"	3'x1'	7' X 10'	7' X 10'	4.5' X 6' 4.5' X 6'	4' X 7.5'	6' X 8'-6"
UNIT											
SIGN PANEL - TYPE 1	SQ FT					12					
SIGN PANEL - TYPE 2	SQ FT										
SIGN PANEL - TYPE 3	SQ FT		567		567		70	70			51
SIGN PANEL OVERLAY	SQ FT										
REMOVE SIGN PANEL - TYPE 2	SQ FT										
REMOVE SIGN PANEL - TYPE 3	SQ FT										
RELOCATE SIGN PANEL - TYPE 2	SQ FT										
RELOCATE SIGN PANEL - TYPE 3	SQ FT										
STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY	POUND										
TELESCOPING STEEL SIGN SUPPORT	FOOT					16					
WOOD SIGN SUPPORT	FOOT										
OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT										
OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT										
OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT		52		56						
OVERHEAD SIGN STRUCTURE WALKWAY	FOOT		52		56						
CONCRETE FOUNDATIONS	CU YD										
DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD										
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH										
REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	1	1	1	1						
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH										
OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT										
REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER (VMS)	EACH										
TEMPORARY INFORMATION SIGNING	SQ FT								54	30	



REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

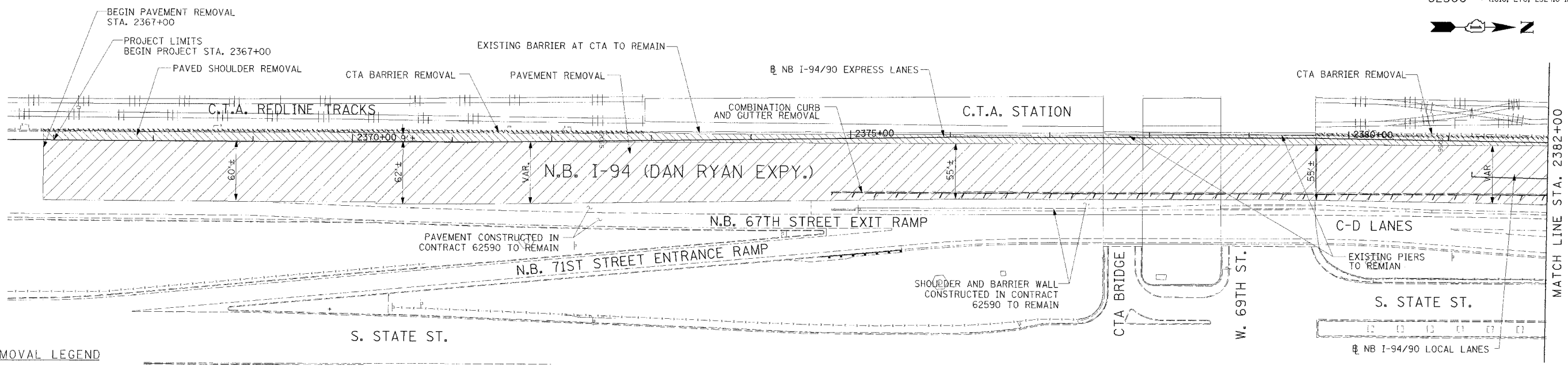
SIGNING
 SCHEDULE

SCALE: NONE
 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: GG

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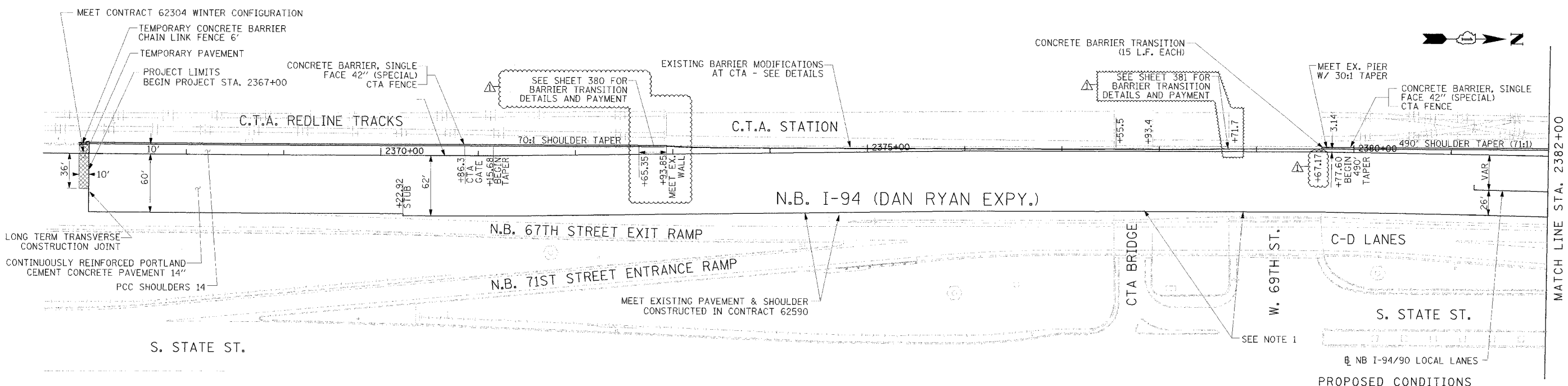
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
94/90		COOK	556
STA.	TO STA.		46
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	
62300		1818, ETC, 2324.6-1PIR-8	



- REMOVAL LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - COMBINATION CURB AND GUTTER REMOVAL
 - CONCRETE BARRIER OR GUARD RAIL REMOVAL

NOTE:
1. THE LOCATION OF PAVEMENT CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS & REMOVALS



STATIONING

- [***]** STATION PROVIDED FROM THE NB I-90/94 EXPRESS LANES
- [***]** STATION PROVIDED FROM THE NB I-90/94 LOCAL LANES
- [***]** STATION PROVIDED FROM THE SLIP RAMP

- LEGEND**
- TEMPORARY PAVEMENT (INTERSTATE)/TEMPORARY SHOULDER
 - TEMPORARY CONCRETE BARRIER

REVISIONS

NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
EXISTING AND PROPOSED PLAN
NORTHBOUND STA. 2367+00 TO STA. 2382+00

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

DRAWN BY: TAI
CHECKED BY: PJM

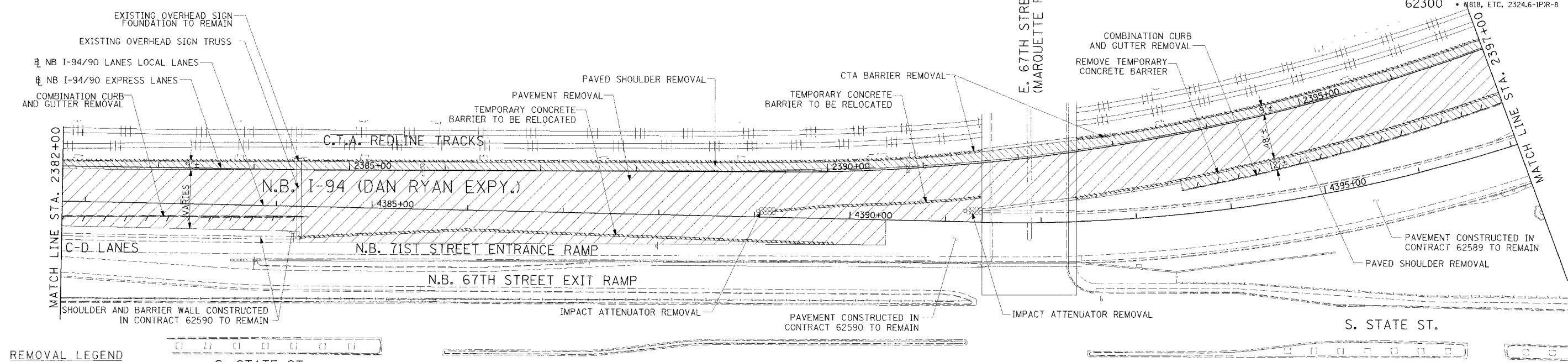
Edwards AND Kelcey
ONE NORTH FRANKLIN CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3095
WEB: WWW.EKCORP.COM

NOTE:
1. BRIDGE OVER EXPRESS LANES OMITTED FOR CLARITY.

P:\03000\940305\plan\14815\road\94\90\400\2637F

08/09/2005 04:14:43 PM

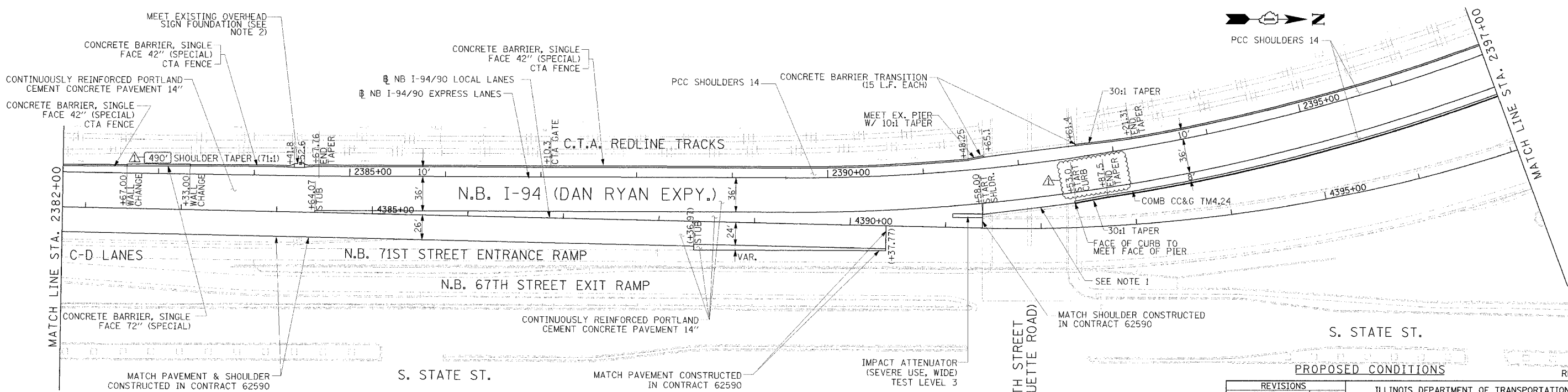
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	47
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	818, ETC. 2324.6-IPR-8			



- REMOVAL LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - COMBINATION CURB AND GUTTER REMOVAL
 - CONCRETE BARRIER OR GUARD RAIL REMOVAL

NOTE:
1. THE LOCATION OF PAVEMENT CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS & REMOVALS



- NOTES:**
- BRIDGE OVER EXPRESS LANES OMITTED FOR CLARITY.
 - TAPER FACE OF BARRIER TOWARDS TRAFFIC AT A 30:1 RATE AND AWAY FROM TRAFFIC AT A 10:1 RATE TO MEET EXISTING FOUNDATION BARRIER FACE. ON THE CTA SIDE, TAPER BACK OF WALL AT A 3:1 RATE TO MEET BACK OF FOUNDATION. WIDENING OF WALL IS PAID FOR AS CONCRETE BARRIER TRANSITION (9 LF).

STATIONING

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

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

[***] STATION PROVIDED FROM THE SLIP RAMP

- LEGEND**
- TEMPORARY PAVEMENT (INTERSTATE)/TEMPORARY SHOULDER
 - TEMPORARY CONCRETE BARRIER

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
EXISTING AND PROPOSED PLAN
NORTHBOUND STA. 2382+00 TO STA. 2397+00

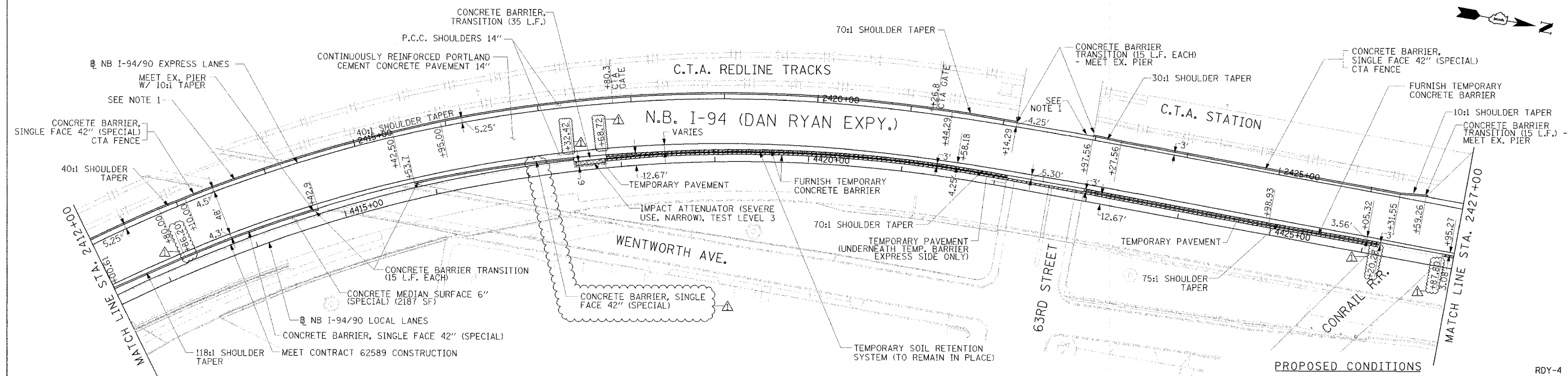
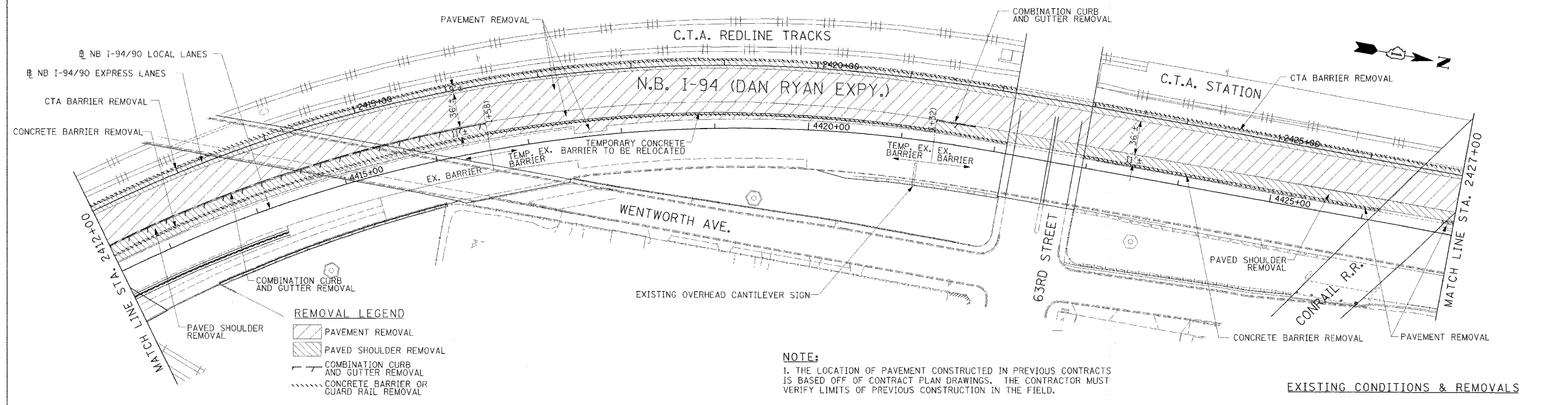
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DATE: 7/7/05

DRAWN BY: TAI
CHECKED BY: PJM



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	49
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	• (1818, ETC. 2324.6-1)PR-8			



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

STATIONING

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

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

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

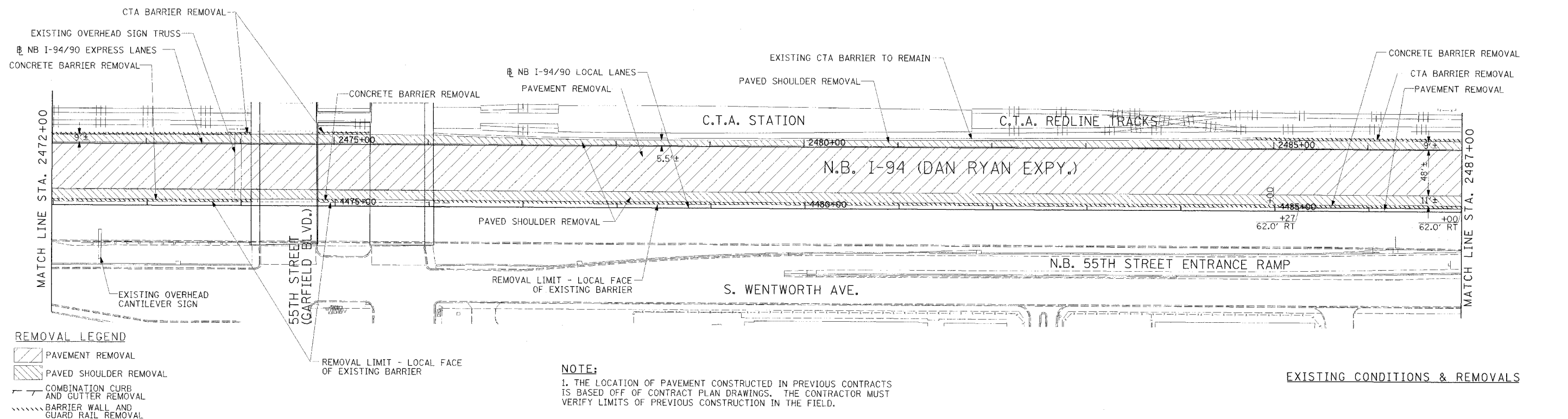
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
EXISTING AND PROPOSED PLAN
NORTHBOUND STA. 2412+00 TO STA. 2427+00

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

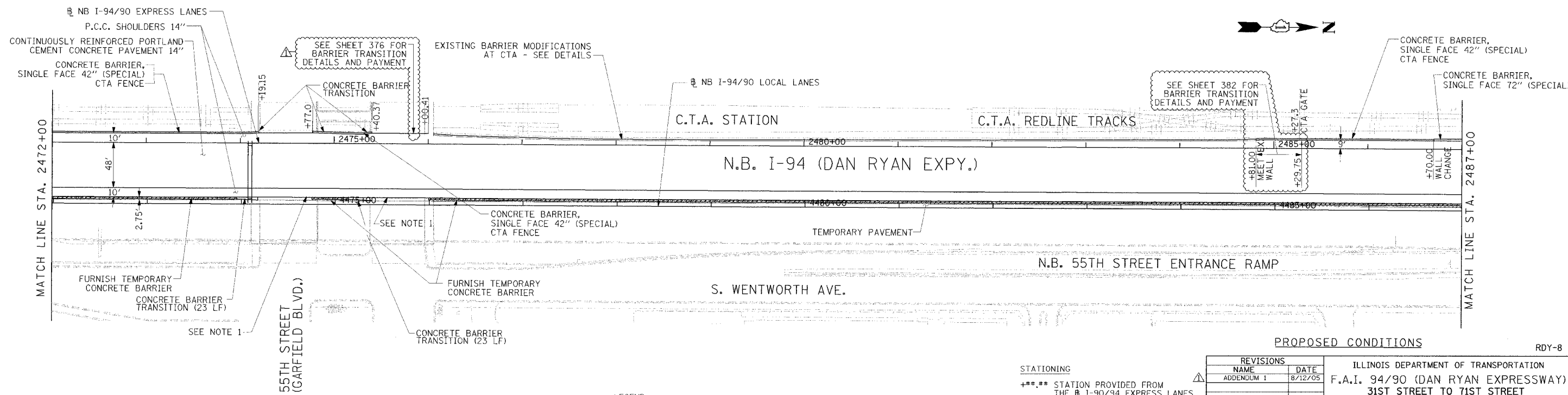
DRAWN BY: TAJ
CHECKED BY: PJM

08/09/2005 09:25 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	53
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62300	• (1818, ETC. 2324.6-1PR-8			



EXISTING CONDITIONS & REMOVALS



PROPOSED CONDITIONS

RDY-8

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

NOTE:
1. BRIDGE OVER EXPRESS LANES OMITTED FOR CLARITY.

LEGEND
 TEMPORARY PAVEMENT (INTERSTATE)/TEMPORARY SHOULDER
 TEMPORARY CONCRETE BARRIER

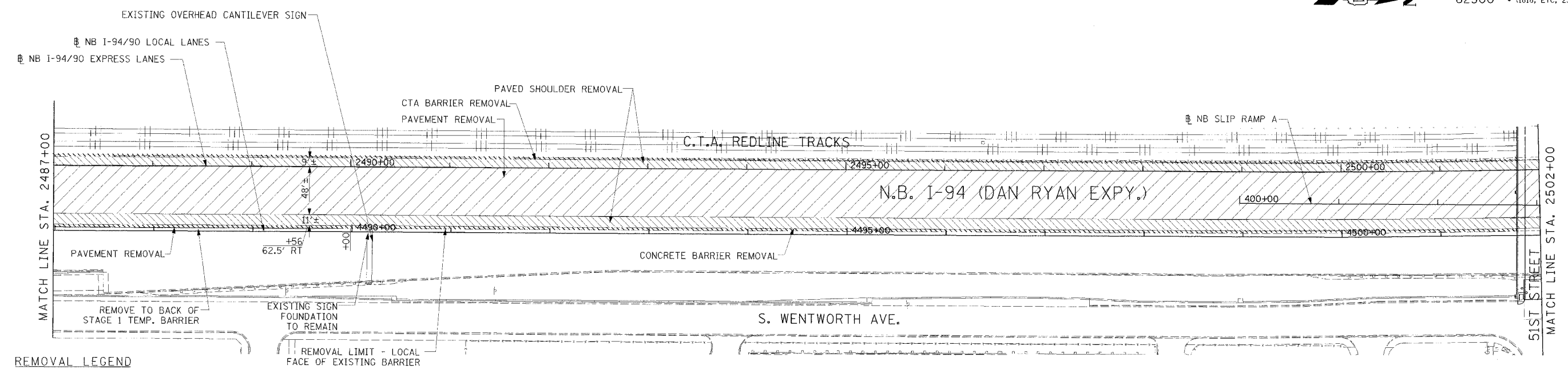
STATIONING
 [***]** STATION PROVIDED FROM THE NB I-90/94 EXPRESS LANES
 (***)** STATION PROVIDED FROM THE NB I-90/94 LOCAL LANES
 [***]** STATION PROVIDED FROM THE SLIP RAMP

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 NORTHBOUND STA. 2472+00 TO STA. 2487+00
 SCALE: 1"=50'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

08/09/2005 09:25:00 PM

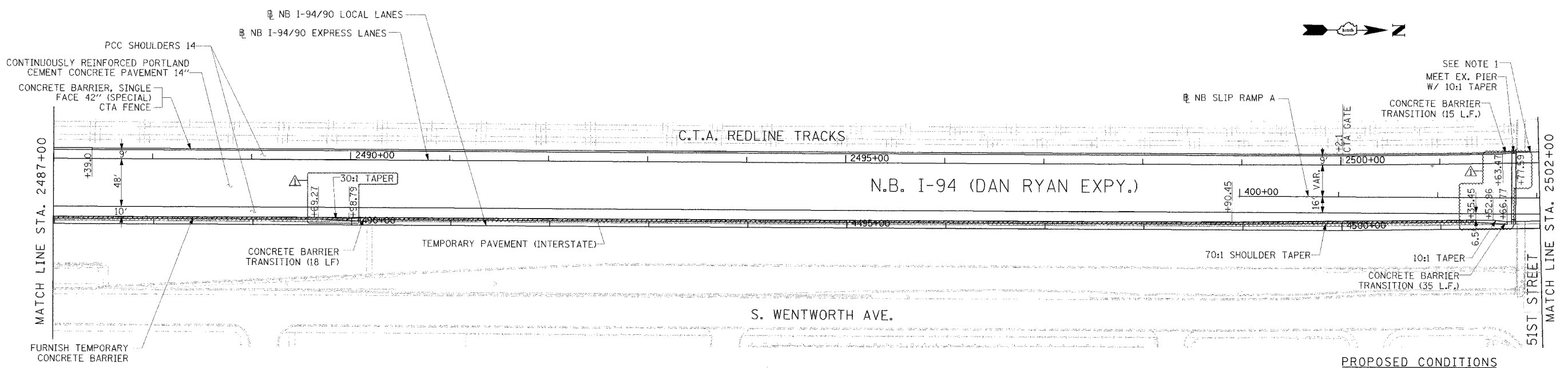
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	54
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	11818, ETC, 2324.6-1PR-8			



- REMOVAL LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - COMBINATION CURB AND CUTTER REMOVAL
 - CONCRETE BARRIER OR GUARD RAIL REMOVAL

NOTE:
 1. THE LOCATION OF PAVEMENT CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS & REMOVALS



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NOTE:
 1. BRIDGE OVER EXPRESS LANES OMITTED FOR CLARITY.

- LEGEND**
- TEMPORARY PAVEMENT (INTERSTATE)/TEMPORARY SHOULDER
 - TEMPORARY CONCRETE BARRIER

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 NORTHBOUND STA. 2487+00 TO STA. 2502+00

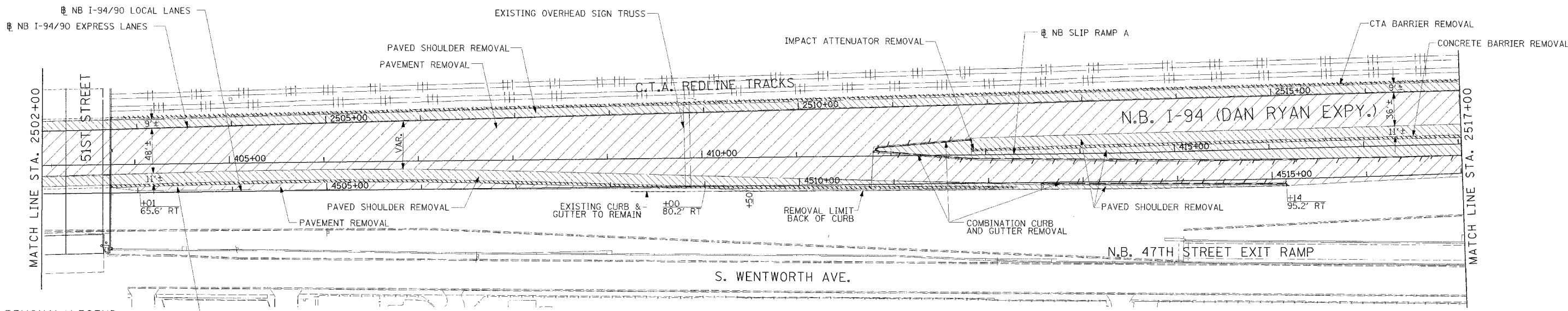
SCALE: 1"=50'
 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: PJM

RDY-9

P:\03\09\2005\04\30\5 PM
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	55
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		• (1818, ETC, 2324.6-1P)R-8		



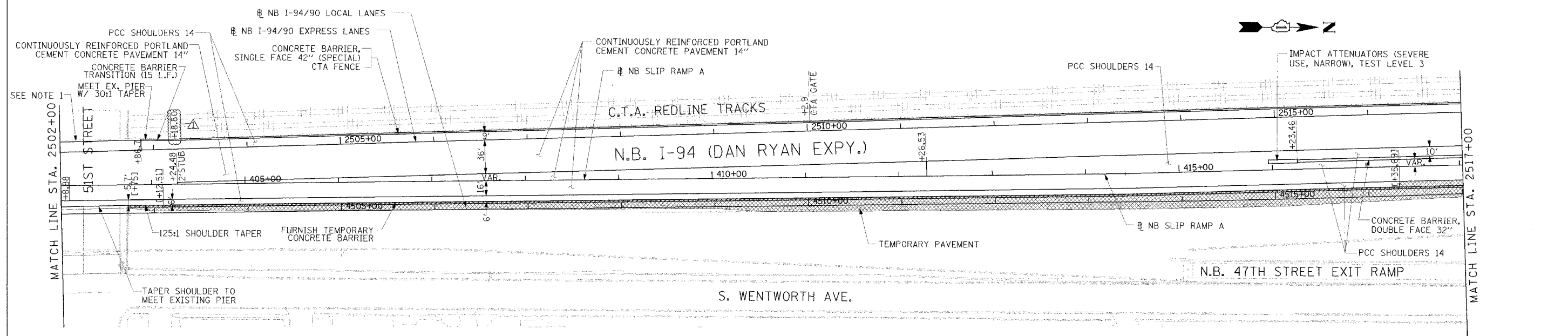
REMOVAL LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- CONCRETE BARRIER OR GUARD RAIL REMOVAL
- CONCRETE BARRIER REMOVAL

NOTE:

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

EXISTING CONDITIONS & REMOVALS



PROPOSED CONDITIONS

RDY-10



NOTE:
1. BRIDGE OVER EXPRESS LANES OMITTED FOR CLARITY.

LEGEND

- TEMPORARY PAVEMENT (INTERSTATE)/TEMPORARY SHOULDER
- TEMPORARY CONCRETE BARRIER

STATIONING

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

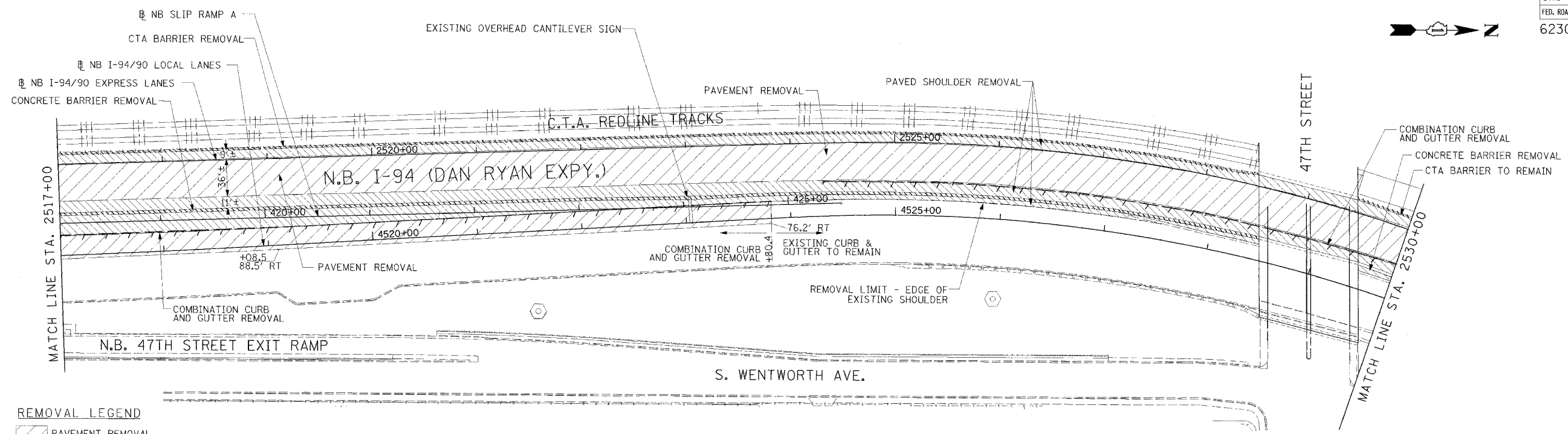
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 NORTHBOUND STA. 2502+00 TO STA. 2517+00

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

DRAWN BY: TAI
 CHECKED BY: PJM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	56
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		(1818, ETC. 2324.6-1P/R-8		

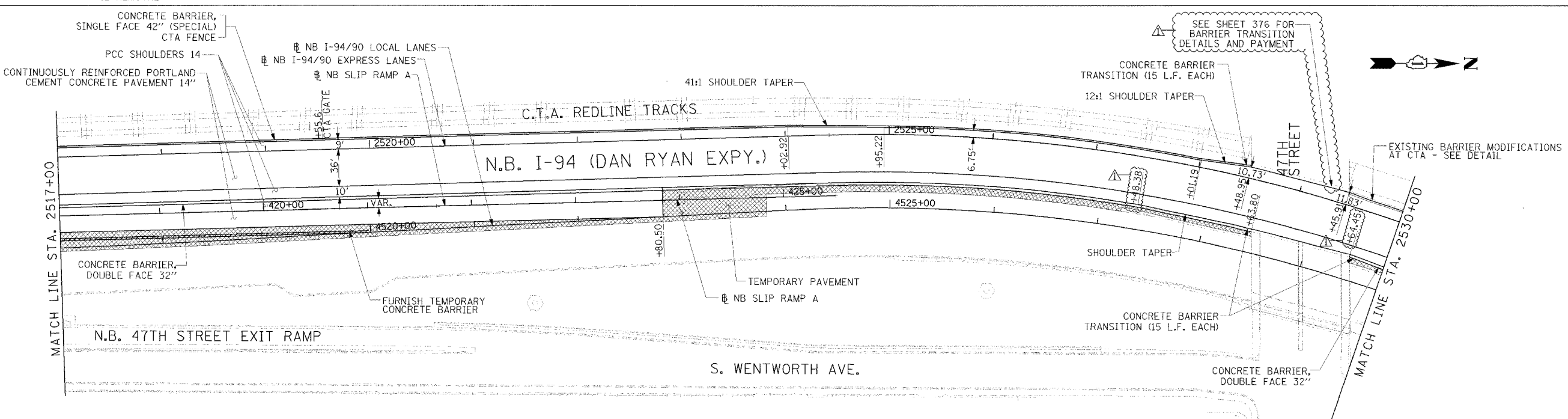


REMOVAL LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	CONCRETE BARRIER OR GUARD RAIL REMOVAL

NOTE:
 1. THE LOCATION OF PAVEMENT CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

EXISTING CONDITIONS & REMOVALS



LEGEND

	TEMPORARY PAVEMENT (INTERSTATE)/TEMPORARY SHOULDER
	TEMPORARY CONCRETE BARRIER

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

PROPOSED CONDITIONS

NOTE:
 1. BRIDGE OVER EXPRESS LANES OMITTED FOR CLARITY.

REVISIONS

NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 NORTHBOUND STA. 2517+00 TO STA. 2530+00

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

DRAWN BY: TAI
 CHECKED BY: PJM



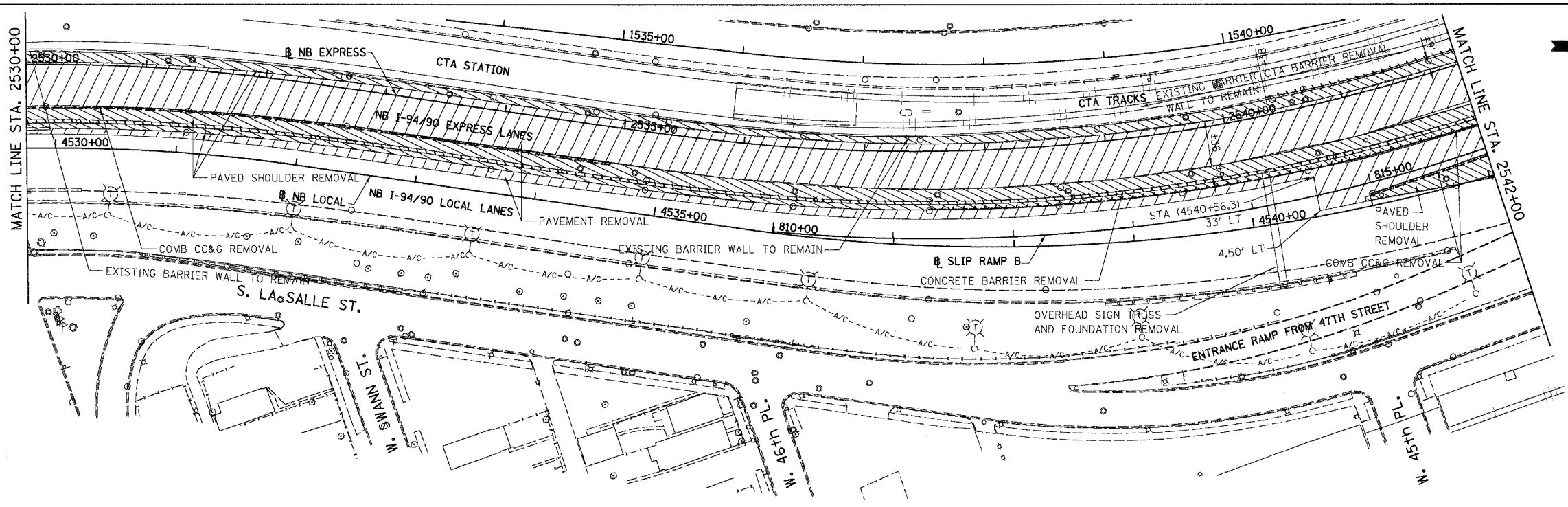
RDY-11

08/09/2005 04:44:57 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	57
STA. 2530+00		TO STA. 2542+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		*(18)B, ETC, 2324.6-1PIR-8		

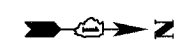


- REMOVAL LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - COMBINATION CURB AND GUTTER REMOVAL
 - CONCRETE BARRIER OR GUARD RAIL REMOVAL

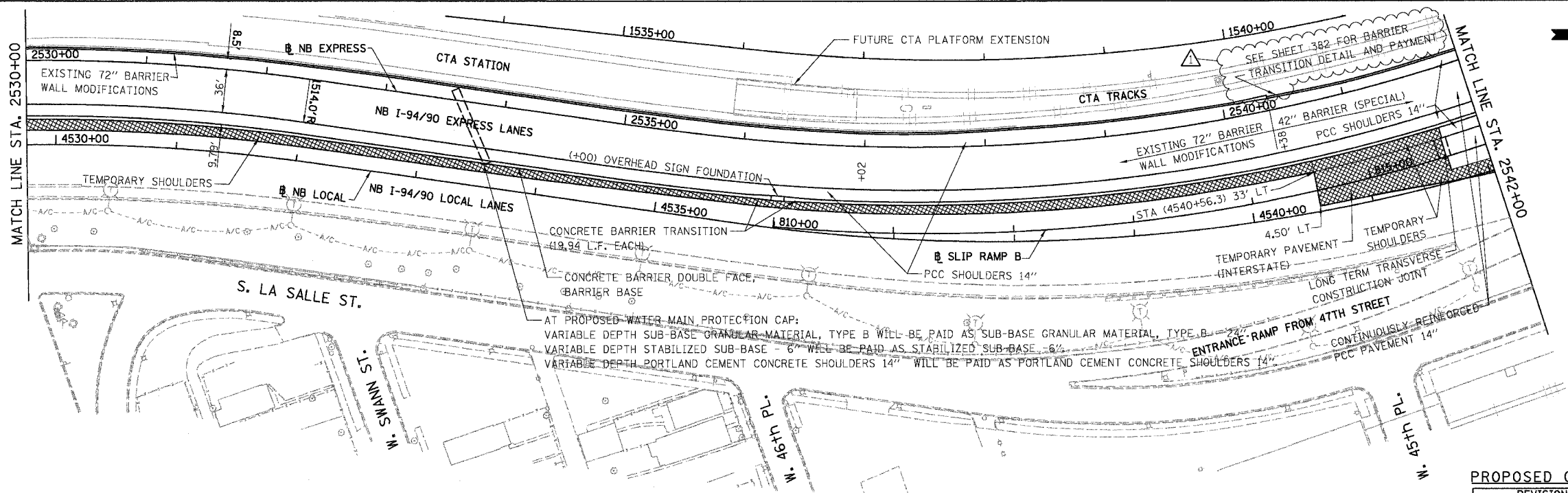


NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.

EXISTING CONDITIONS AND REMOVALS



- PROPOSED LEGEND**
- TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS
 - TEMPORARY CONCRETE BARRIER



AT PROPOSED WATER MAIN PROTECTION CAP:
 VARIABLE DEPTH SUB-BASE GRANULAR MATERIAL, TYPE B WILL BE PAID AS SUB-BASE GRANULAR MATERIAL, TYPE B
 VARIABLE DEPTH STABILIZED SUB-BASE 6\"/>

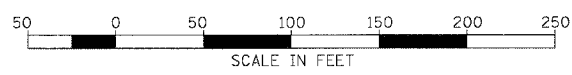
PROPOSED CONDITIONS

RDY-12

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 NORTHBOUND STA. 2530+00 TO STA. 2542+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC

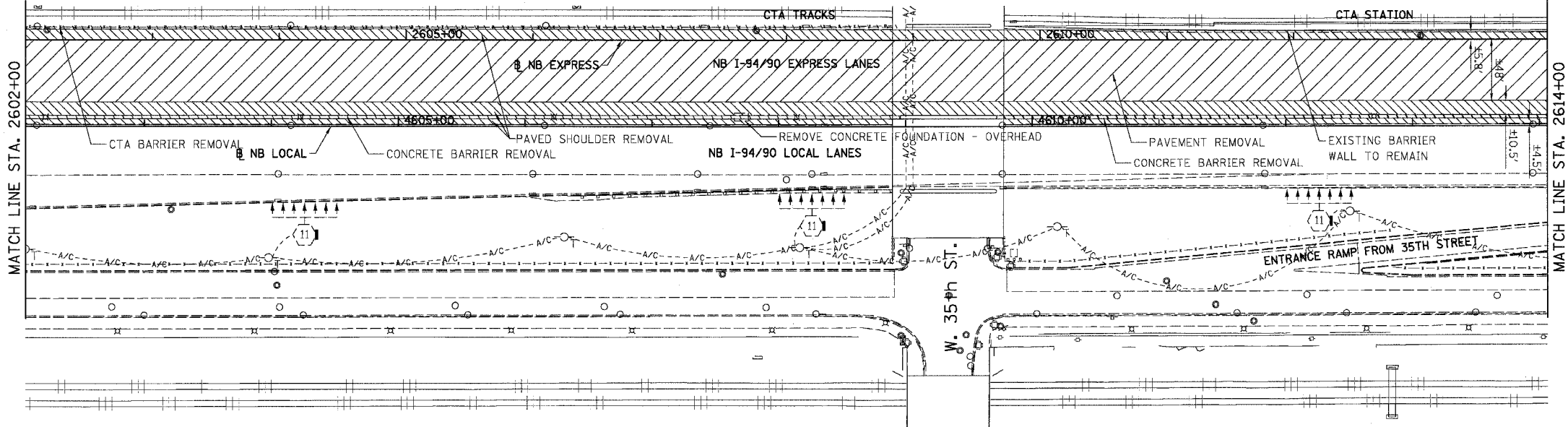
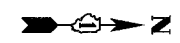
STATIONING
 +###.## STATION PROVIDED FROM THE NB I-94/90 EXPRESS LANES
 (+##.##) STATION PROVIDED FROM THE NB I-94/90 LOCAL LANES
 [+###.##] STATION PROVIDED FROM THE SLIP RAMP



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7/11/2005 2:49 PM

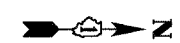
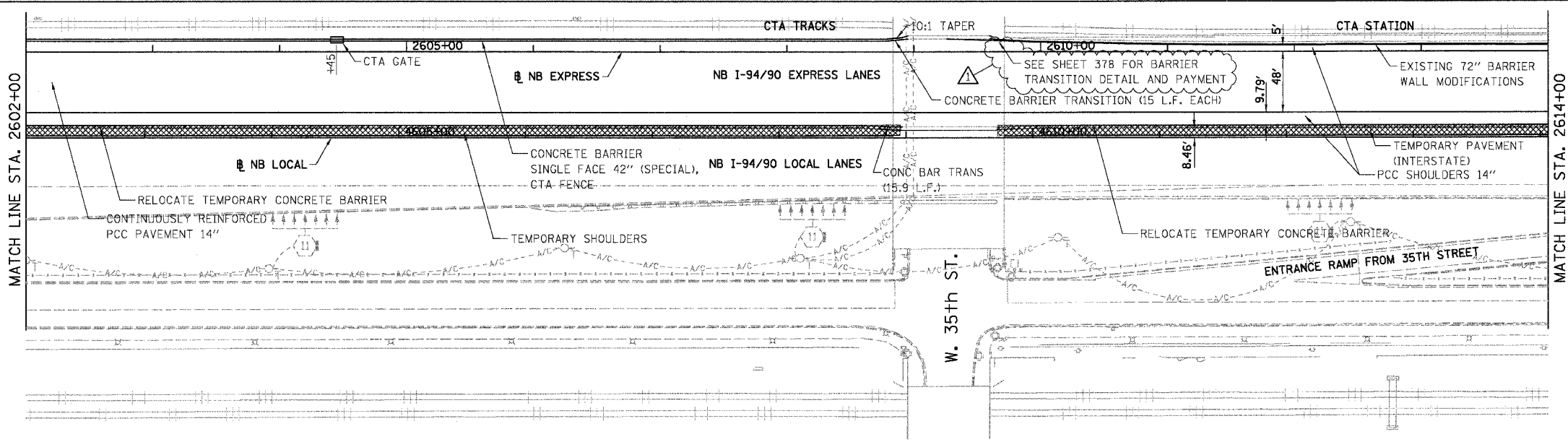
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	63
STA. 2602+00	TO STA. 2614+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62300	*1818, ETC. 2324.6-1PR-8			



- REMOVAL LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - COMBINATION CURB AND GUTTER REMOVAL
 - CONCRETE BARRIER OR GUARD RAIL REMOVAL

NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.

EXISTING CONDITIONS AND REMOVALS



- PROPOSED LEGEND**
- TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS
 - TEMPORARY CONCRETE BARRIER

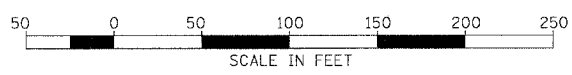
PROPOSED CONDITIONS

RDY-18

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 NORTHBOUND STA. 2602+00 TO STA. 2614+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC

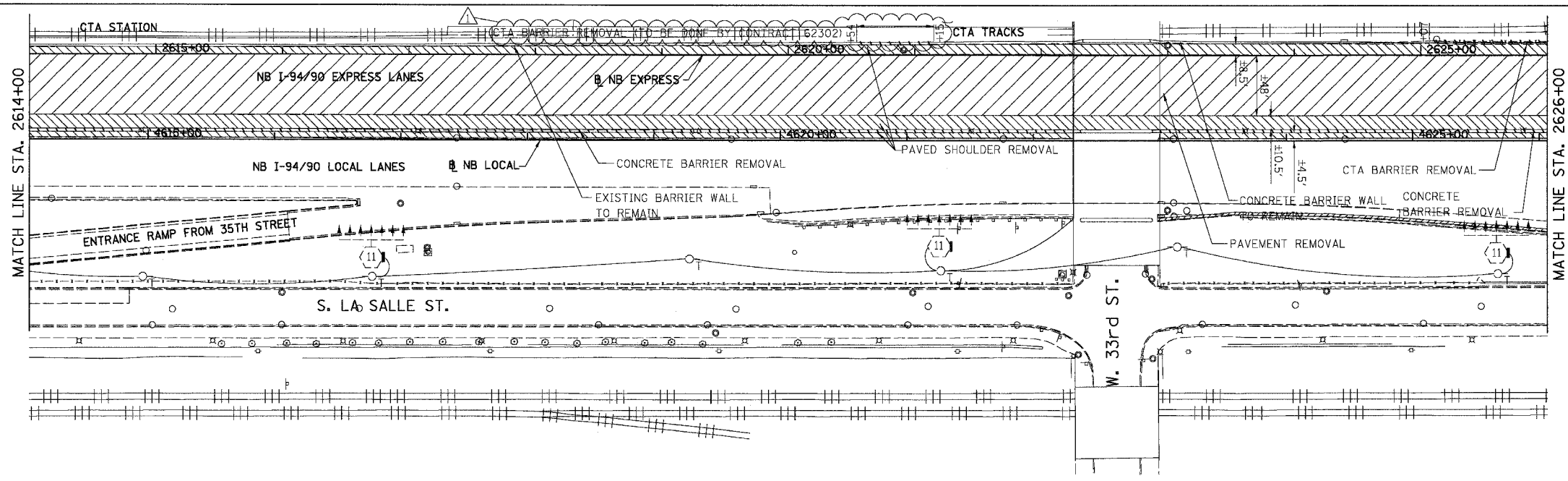
STATIONING
 +###.## STATION PROVIDED FROM THE NB I-94/90 EXPRESS LANES
 (###.##) STATION PROVIDED FROM THE NB I-94/90 LOCAL LANES
 [-###.##] STATION PROVIDED FROM THE SLIP RAMP



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26229 7/11/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	64
STA. 2614+00		TO STA. 2626+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		*(1818, ETC., 2324.6-IPJR-8		

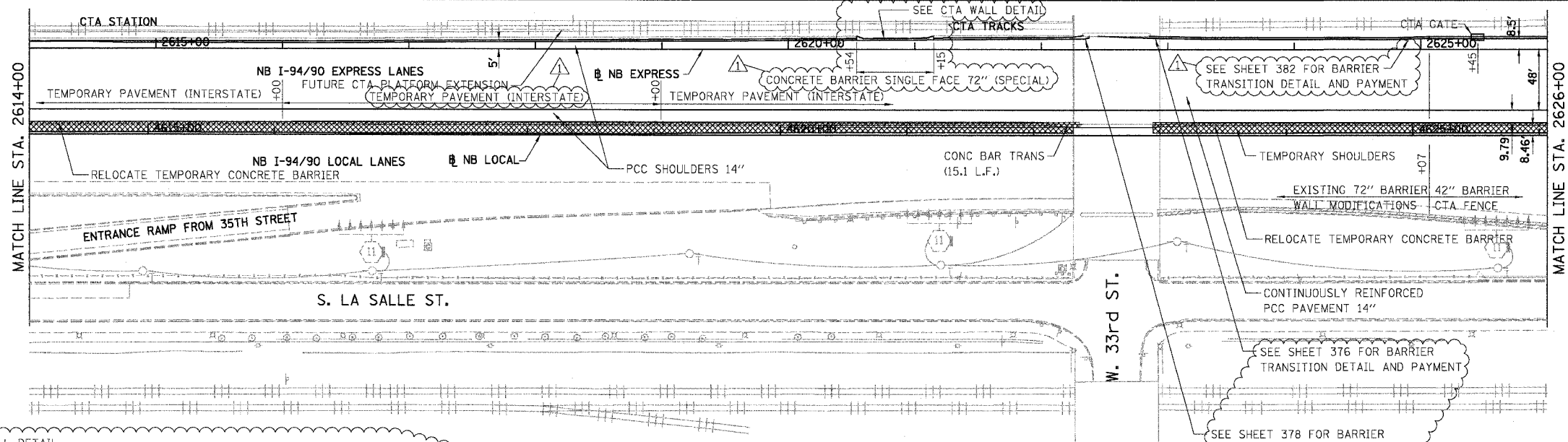


REMOVAL LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	CONCRETE BARRIER OR GUARD RAIL REMOVAL

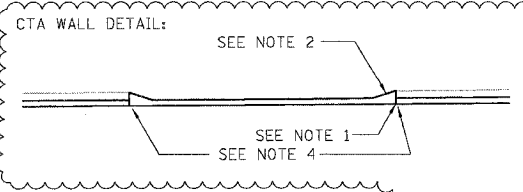
NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.

EXISTING CONDITIONS AND REMOVALS

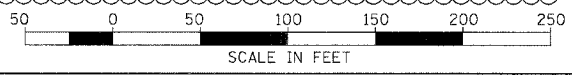


PROPOSED LEGEND

	TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS
	TEMPORARY CONCRETE BARRIER



- NOTES:**
1. CONSTRUCT 'CONCRETE BARRIER SINGLE FACE 72" (SPECIAL)' WITH FRONT FACE FLUSH WITH ADJACENT CTA BARRIER WALL MODIFICATIONS.
 2. TAPER BACK OF 'CONCRETE BARRIER SINGLE FACE 72" (SPECIAL)' AT 3:1 MAX TO MEET BACK OF ADJACENT CTA BARRIER WALL TO REMAIN. COST INCLUDED IN 'CONCRETE BARRIER SINGLE FACE 72" (SPECIAL)'.
 3. ADJUST HEIGHT OF 'CONCRETE BARRIER SINGLE FACE 72" (SPECIAL)' AS REQUIRED TO MATCH ADJACENT CTA BARRIER WALL TO REMAIN. COST INCLUDED IN 'CONCRETE BARRIER SINGLE FACE 72" (SPECIAL)'.
 4. PROVIDE 2-#5 BARS, 4'-0" LONG, AT 4" CTS. (WITH 2-1/2" CL. TOP AND SIDES) AT CORNERS IN SHOULDER. COST INCLUDED IN 'PCC SHOULDERS 14".'



PROPOSED CONDITIONS RDY-19

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

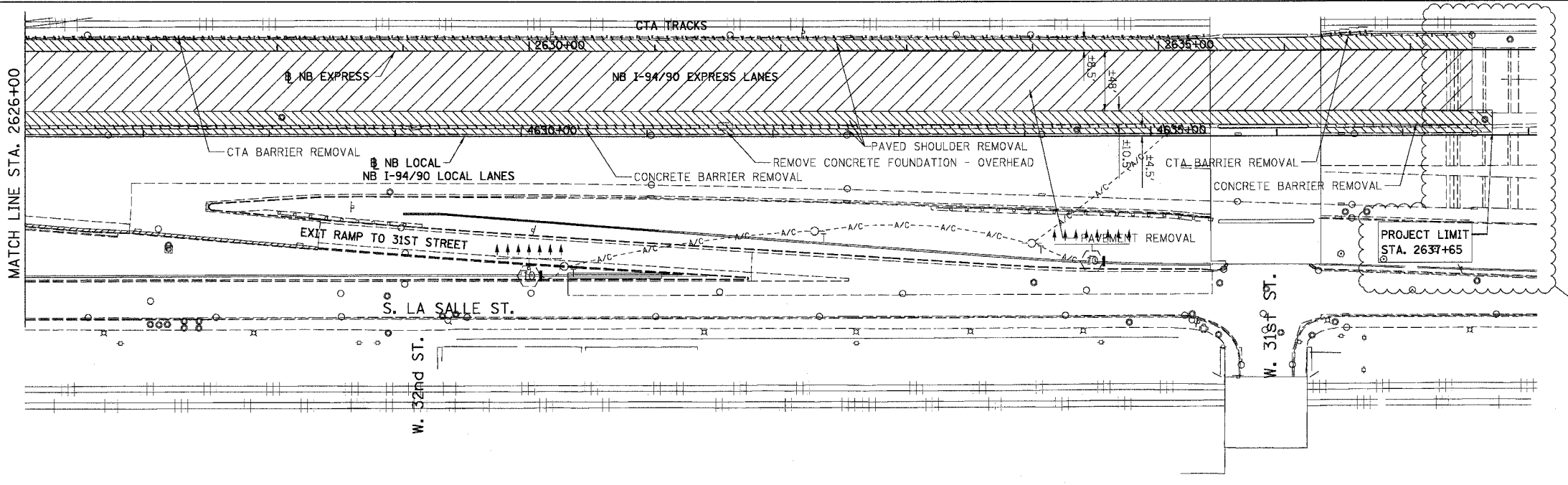
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
EXISTING AND PROPOSED PLAN
NORTHBOUND STA. 2614+00 TO STA. 2626+00

SCALE: 1"=50' DRAWN BY: TER
DATE: 01/07/05 CHECKED BY: JDC

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06/11/2005 06:44:59 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	65
STA. 2626+00		TO STA. 2637+99		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		•(1818, ETC, 2324.6-1)PR-8		

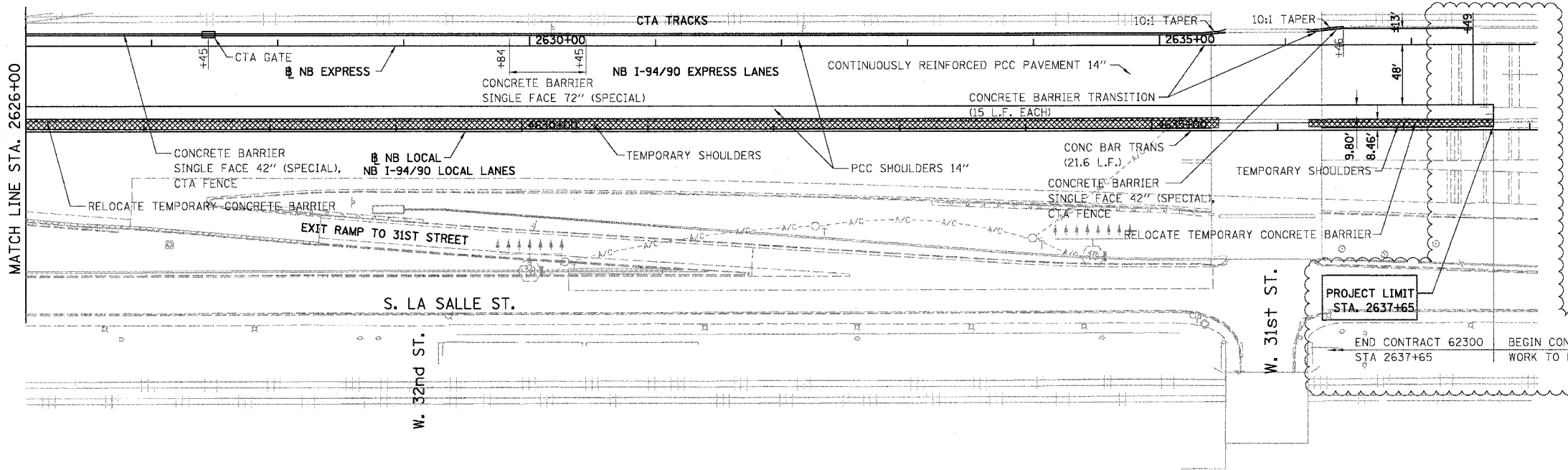


REMOVAL LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- CONCRETE BARRIER OR GUARD RAIL REMOVAL

NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.

EXISTING CONDITIONS AND REMOVALS



PROPOSED LEGEND

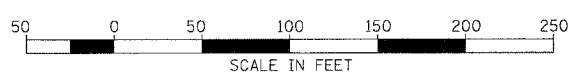
- TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS
- TEMPORARY CONCRETE BARRIER

PROPOSED CONDITIONS

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 NORTHBOUND STA. 2626+00 TO STA. 2637+65
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC

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



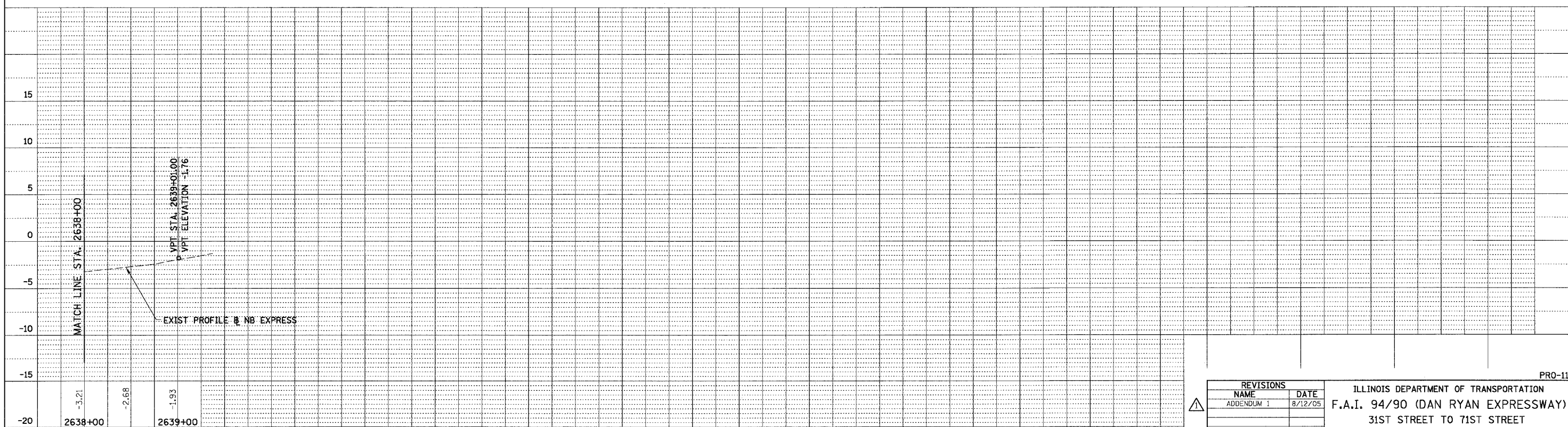
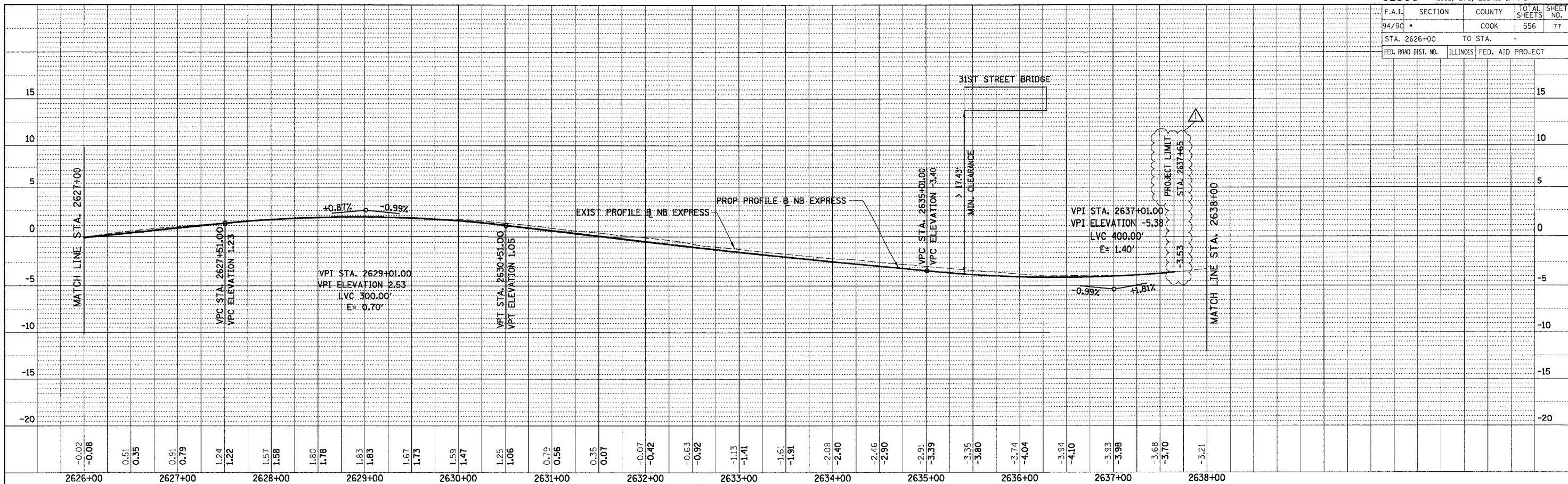
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RDY-20
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	77
STA. 2626+00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	CADD FILE NAME		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	CADD FILE NAME		



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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PROFILE
 NORTHBOUND STA. 2626+00 TO STA.

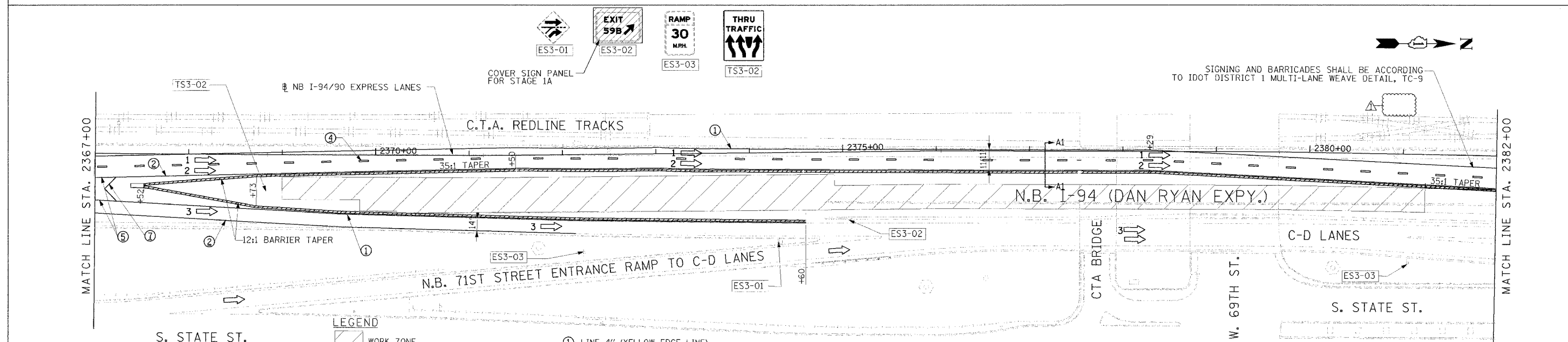
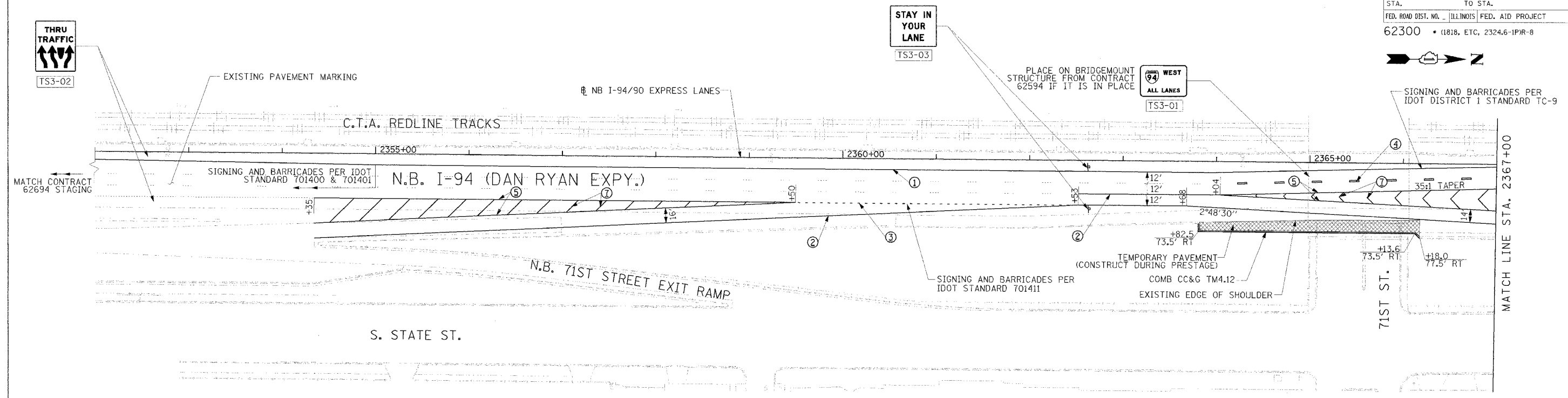
SCALE: 1"=25' VERT
 1"=50' HORIZ
 DATE: 07/07/05

DRAWN BY: RA
 CHECKED BY: JDC

PRO-11

2/27/02 PM 8/11/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	84
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62300			1818, ETC. 2324.6-1PR-8	



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

STATIONING

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

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

NOTE:

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 NORTHBOUND STA. 2352+00 TO STA. 2382+00
 STAGE 1A

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

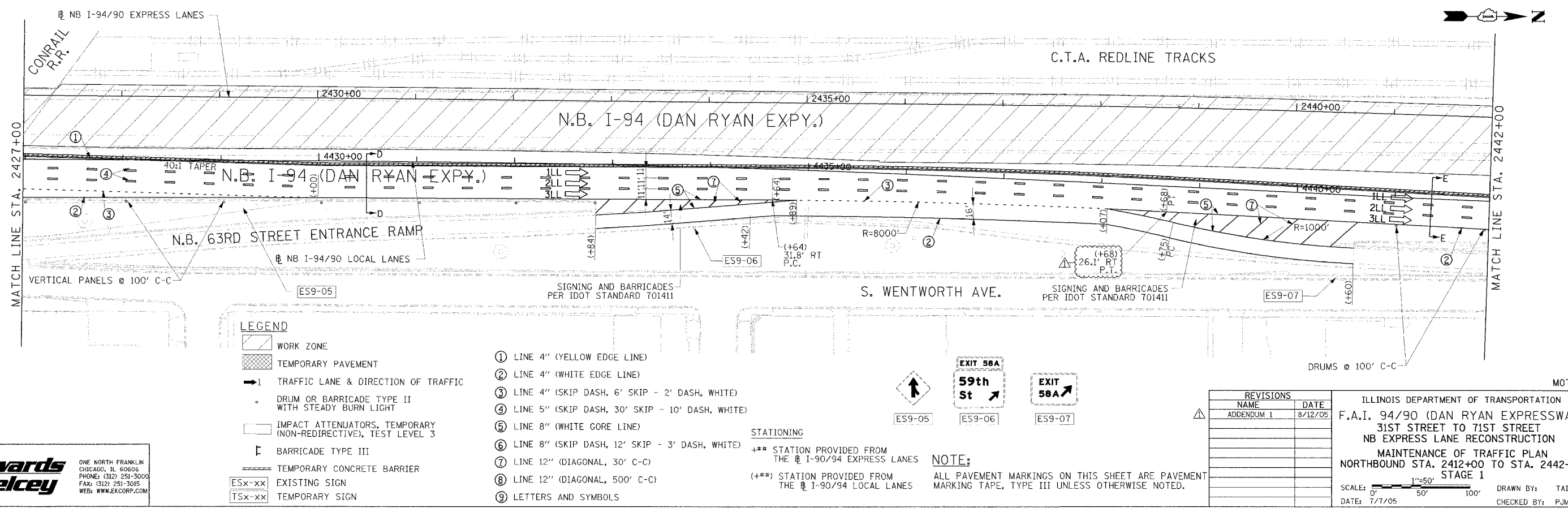
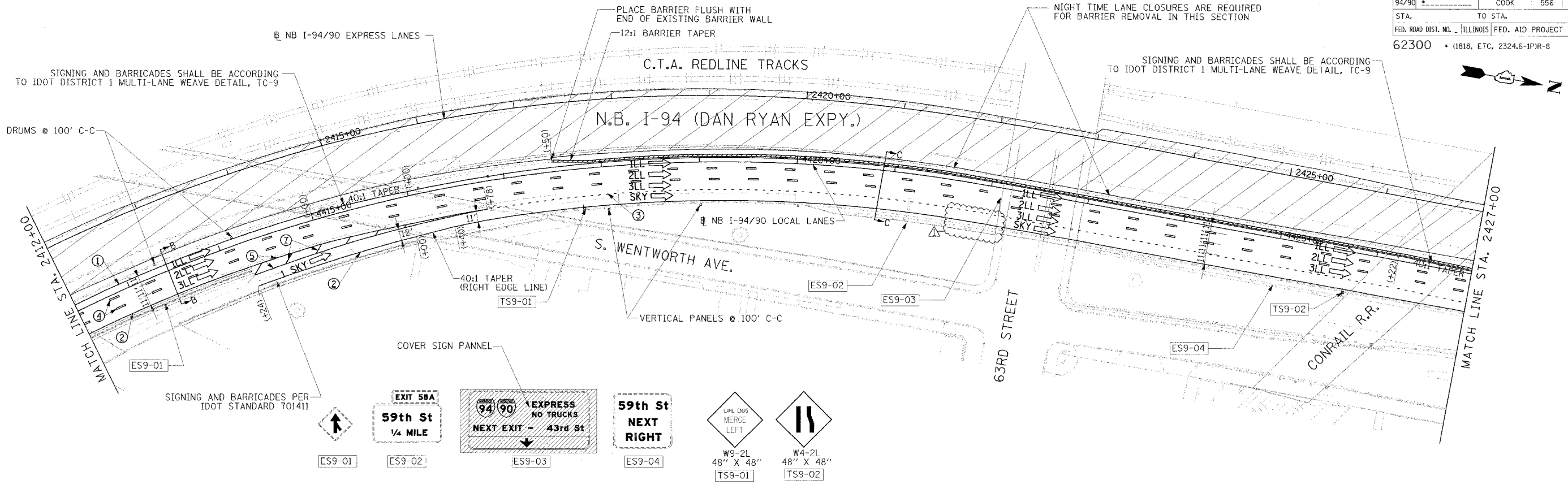
DRAWN BY: TAI
 CHECKED BY: PJM

Edwards and Kelcey

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

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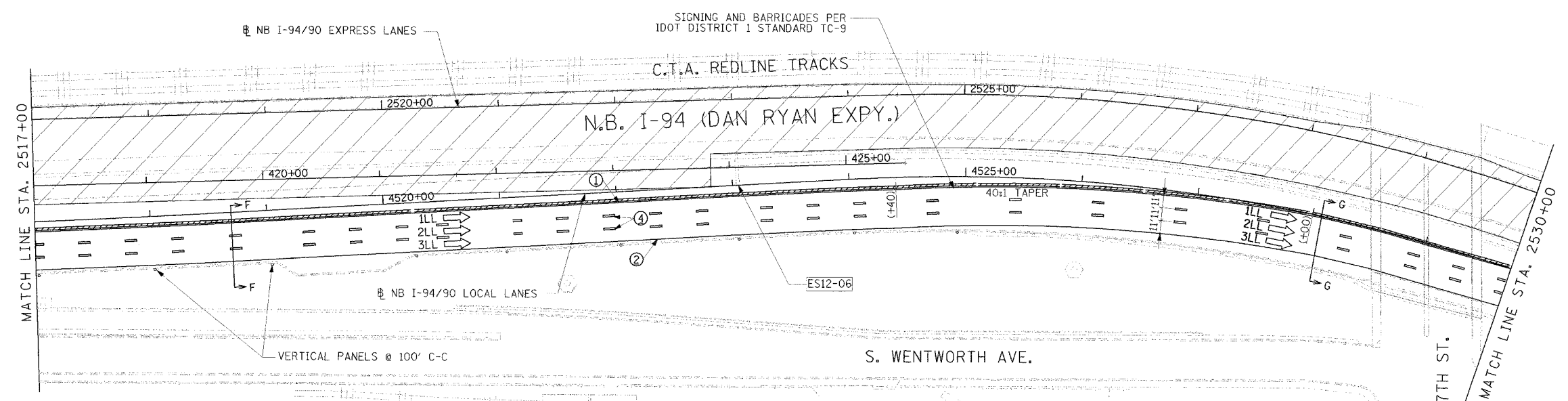
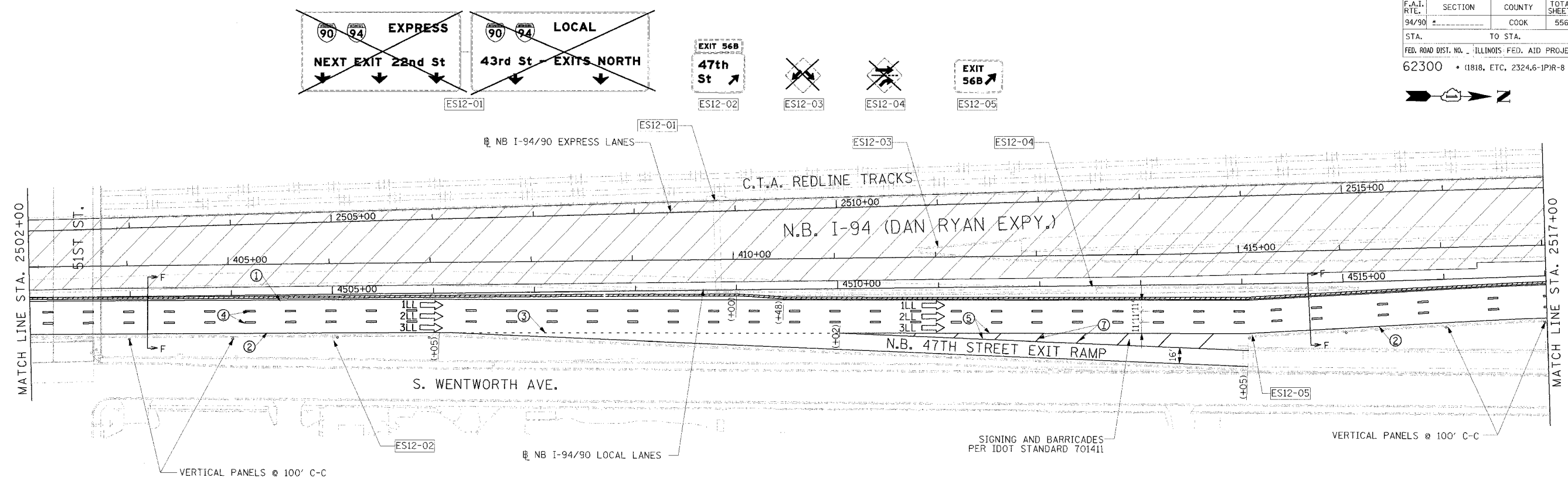
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS	NO.
94/90		COOK	556	90
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	11818, ETC. 2324.6-1P/R-8			



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

08/09/2005 04:15:42 PM MOT-10

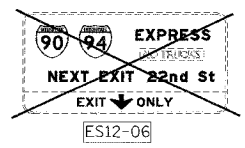
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	93
STA.		TO STA.		
62300		+ 11818, ETC, 2324.6-1P/R-8		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

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

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



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

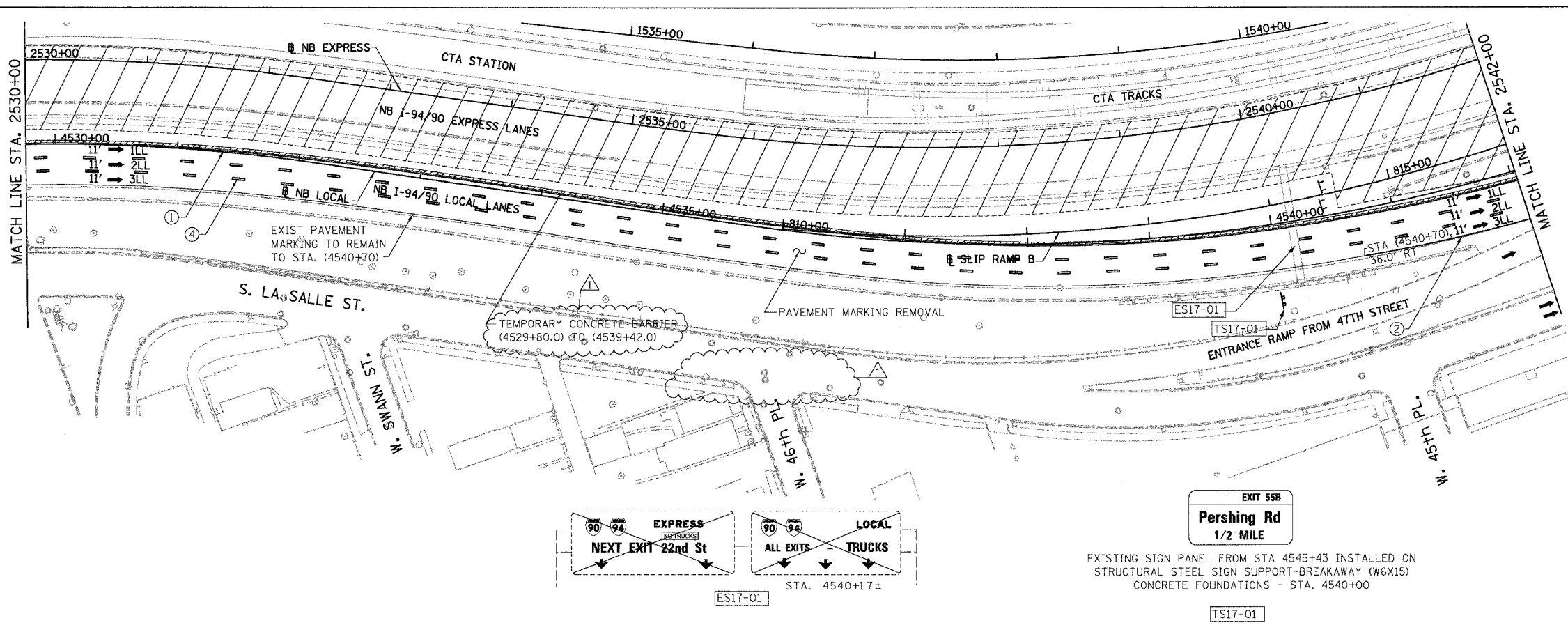
NOTE:
 ALL PAVEMENT MARKINGS ON THIS SHEET ARE PAVEMENT MARKING TAPE, TYPE III UNLESS OTHERWISE NOTED.

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

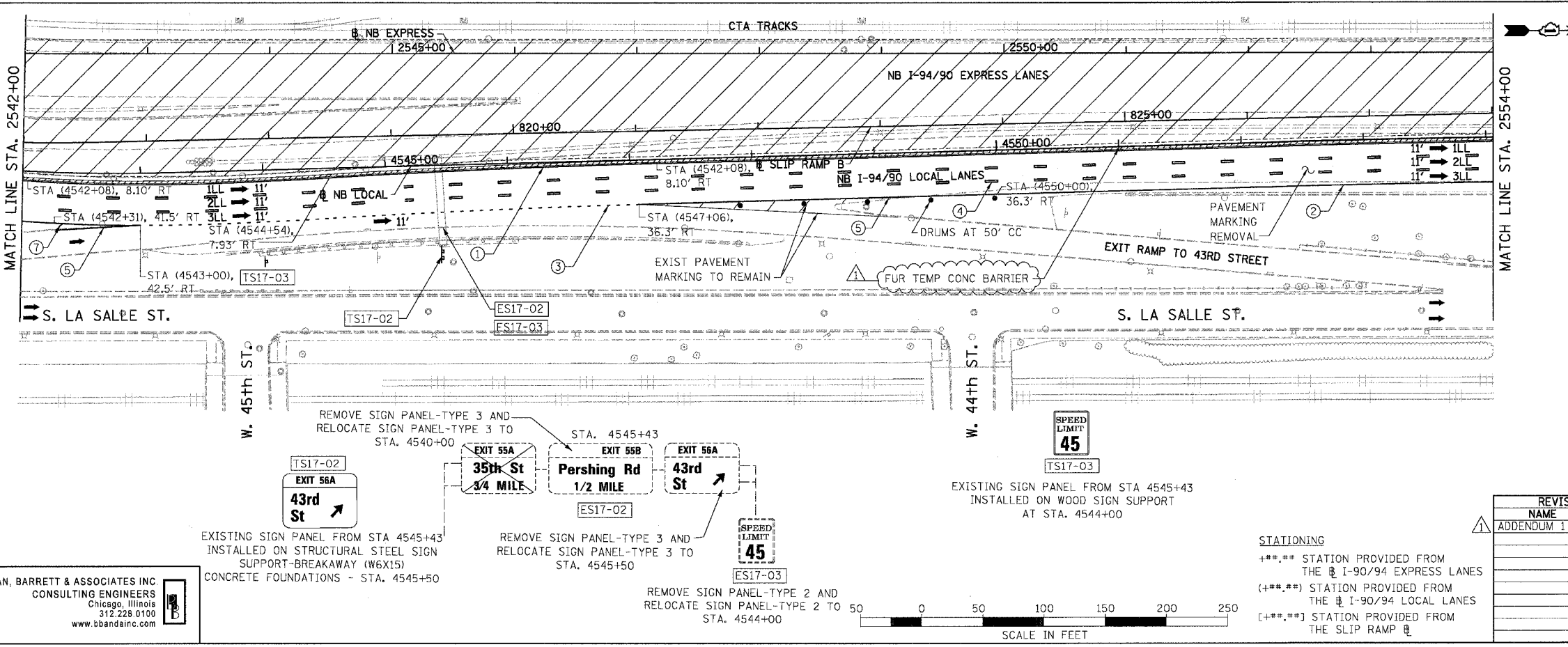
MOT-13
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 NORTHBOUND STA. 2502+00 TO STA. 2530+00
 STAGE 1
 SCALE: 1"=50'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

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

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	94
STA. 2530+00		TO STA. 2554+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		*(1818, ETC, 2324.6-1P)R-8		



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



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

MOT-14

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

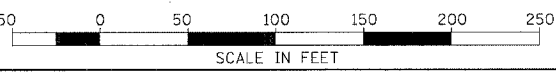
BOWMAN, BARRETT & ASSOCIATES INC
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

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

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

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

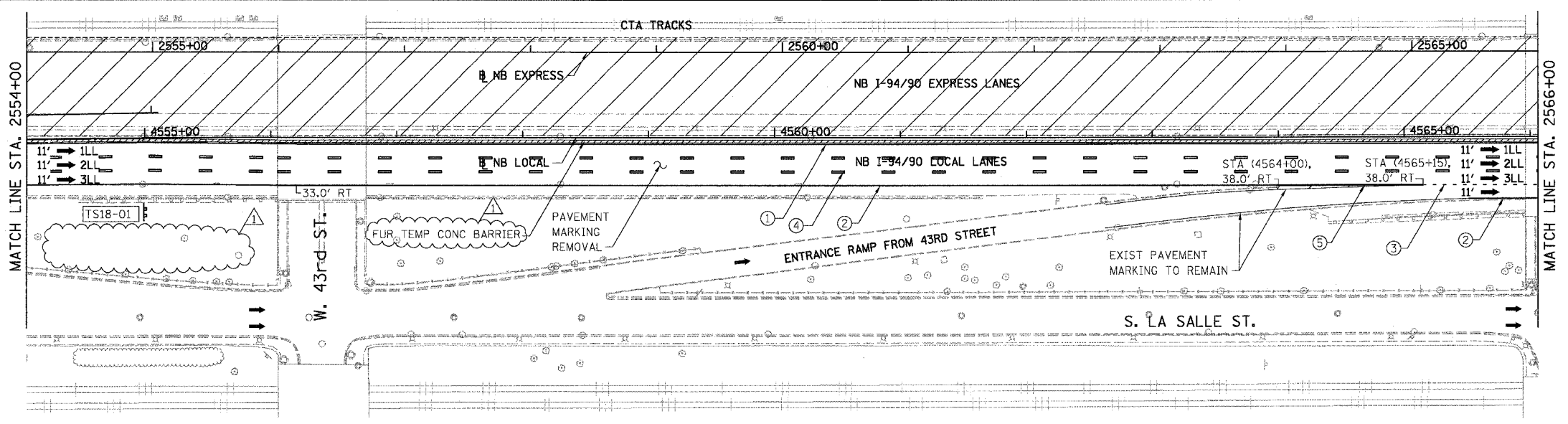
EXISTING SIGN PANEL FROM STA 4545+43
INSTALLED ON WOOD SIGN SUPPORT
AT STA. 4544+00



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

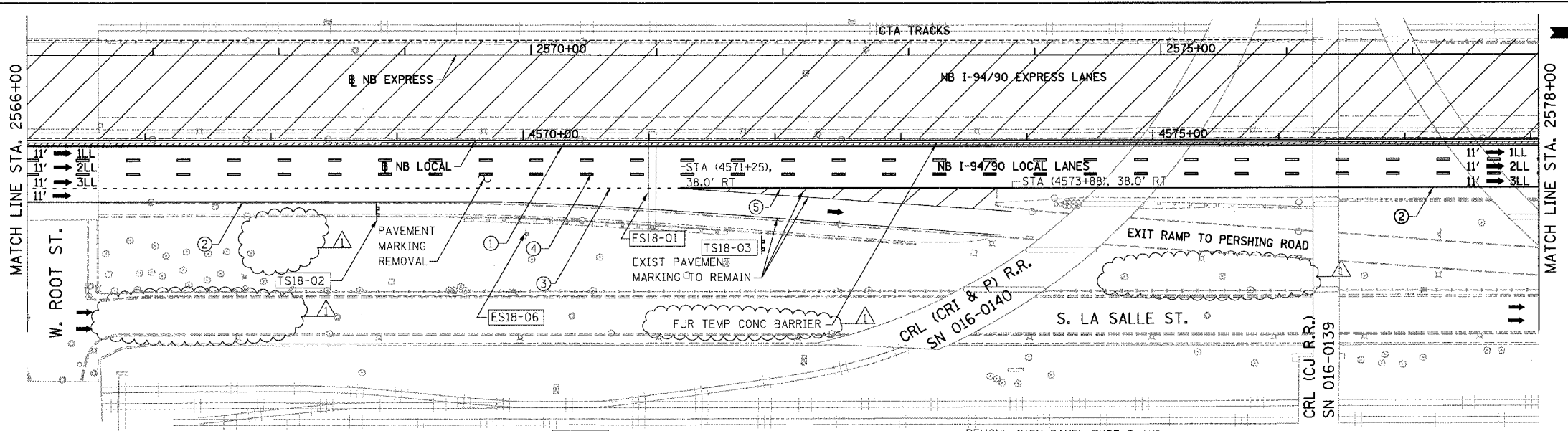
3/28/08 PM 8/10/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	95
STA. 2554+00		TO STA. 2578+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		11818, ETC. 2324.6-1P/R-8		



TS18-01
 SIGN PANEL OVERLAY
EXIT 55A
35th St
 1/4 MILE
 EXISTING SIGN PANEL FROM STA 4571+02
 INSTALLED ON STRUCTURAL STEEL SIGN
 SUPPORT-BREAKAWAY (W6X9)
 CONCRETE FOUNDATIONS - STA. 4555+00

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



ES18-06
 EXIT 55B
 LOW CLEARANCE
 LEFT TURN RIGHT TURN
 14'-0" 2WP

TS18-02
EXIT 54
31st St
 1 MILE
 EXISTING SIGN PANEL FROM STA 4571+02
 INSTALLED ON STRUCTURAL STEEL SIGN
 SUPPORT-BREAKAWAY (W6X9)
 CONCRETE FOUNDATIONS - STA. 4569+00

TS18-03
EXIT 55B
Pershing Rd
 EXISTING SIGN PANEL FROM STA 4571+02
 INSTALLED ON STRUCTURAL STEEL SIGN
 SUPPORT-BREAKAWAY (W6X15)
 CONCRETE FOUNDATIONS - STA. 4572+00

REMOVE SIGN PANEL-TYPE 3 AND
 RELOCATE SIGN PANEL-TYPE 3 TO
 STA. 4569+00

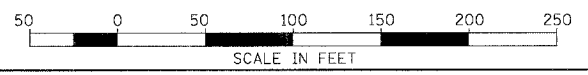
ES18-01
 STA. 4571+02
EXIT 54
31st St
 1 MILE
 REMOVE SIGN PANEL-TYPE 3 AND
 RELOCATE SIGN PANEL-TYPE 3 TO
 STA. 4555+00

EXIT 55A
35th St
 1/4 MILE
 REMOVE SIGN PANEL-TYPE 3 AND
 RELOCATE SIGN PANEL-TYPE 3 TO
 STA. 4572+00

EXIT 55B
Pershing Rd
 REMOVE SIGN PANEL-TYPE 3 AND
 RELOCATE SIGN PANEL-TYPE 3 TO
 STA. 4572+00

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

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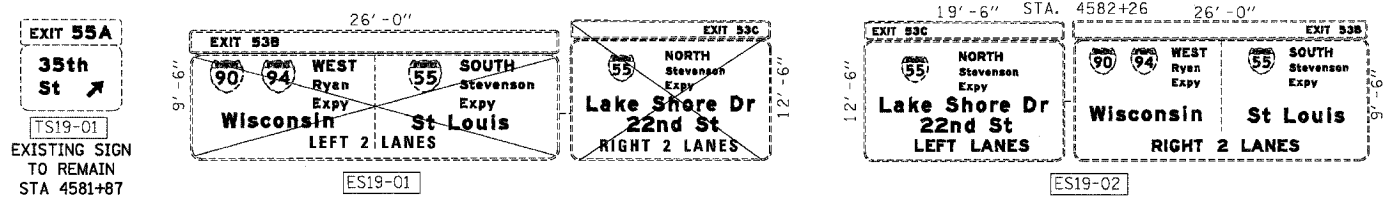
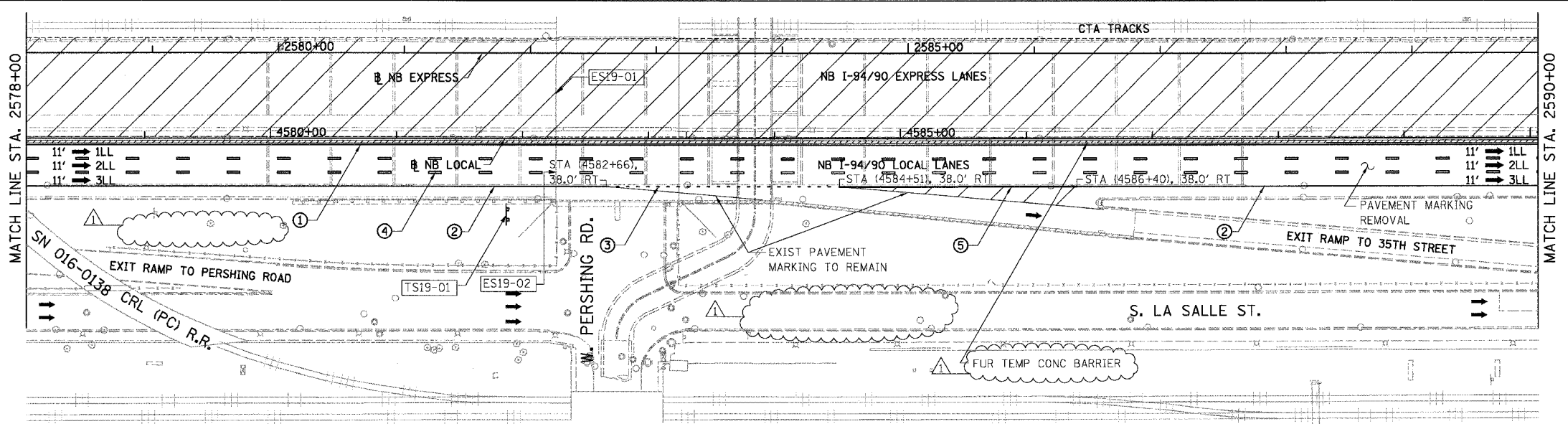


REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN STAGE 1
NORTHBOUND STA. 2554+00 TO STA. 2578+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: RA
 CHECKED BY: RS

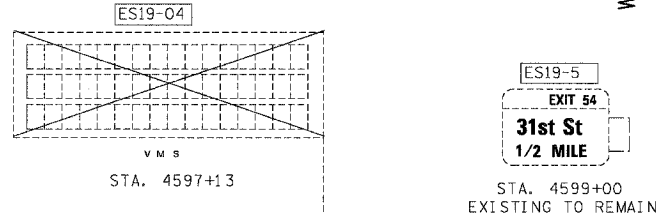
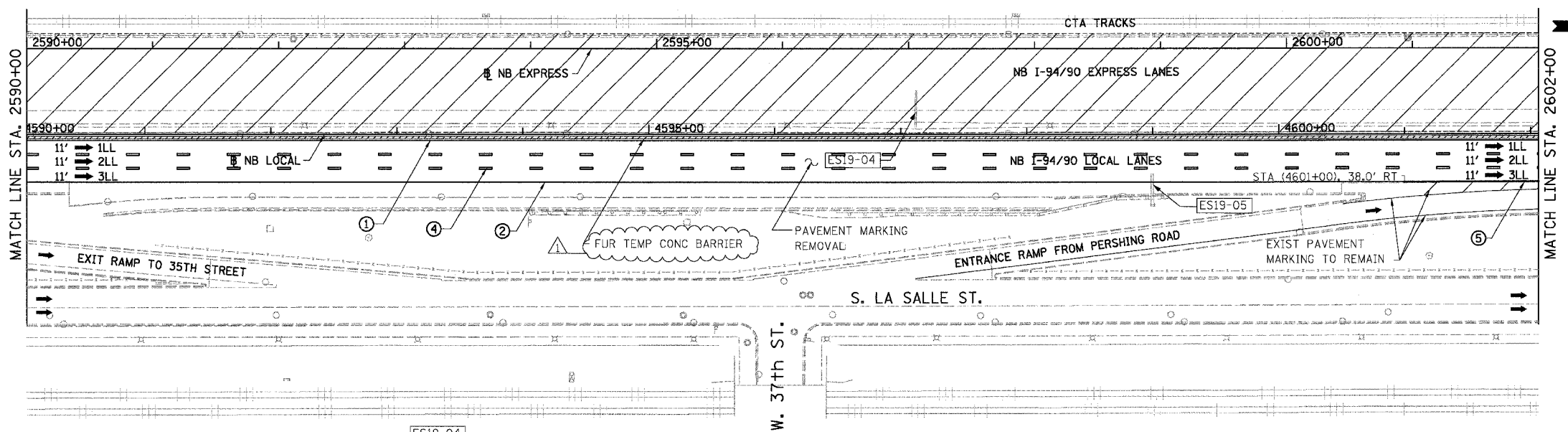
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	96
STA. 2578+00		TO STA. 2602+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		•(1818, ETC. 2324.6-1PJR-8		



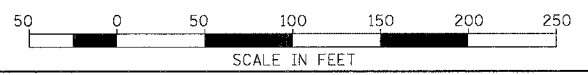
EXISTING SIGN TO REMAIN UNDER THIS CONTRACT.
CONTRACT 62300 NEEDS TO COORDINATE WITH
CONTRACT 62580 MAINTENANCE OF TRAFFIC

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



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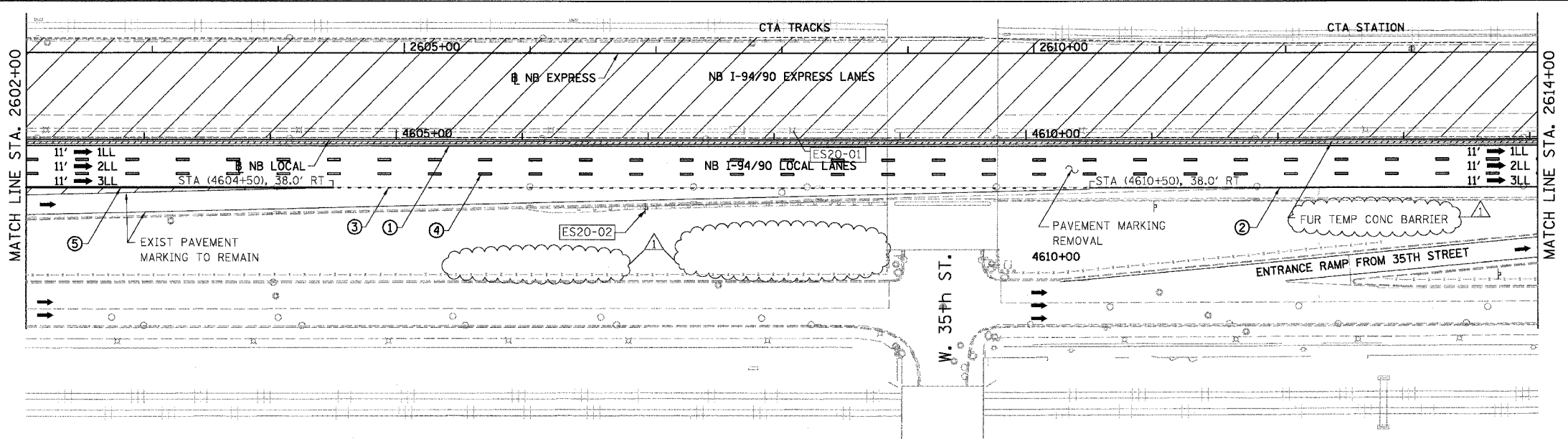
STATIONING
+##.## STATION PROVIDED FROM THE NB I-90/94 EXPRESS LANES
(+##.##) STATION PROVIDED FROM THE NB I-90/94 LOCAL LANES
[+##.##] STATION PROVIDED FROM THE SLIP RAMP

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

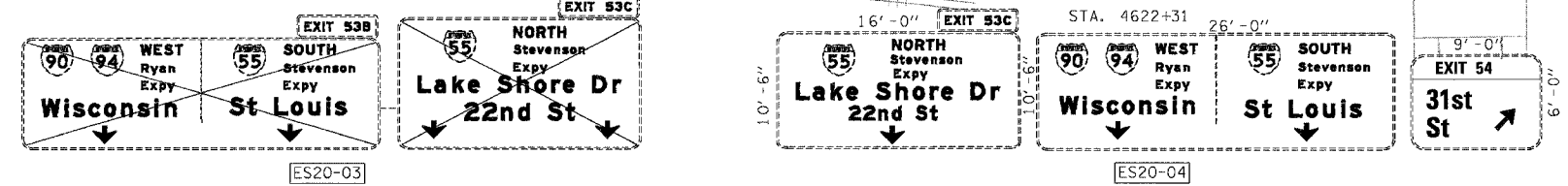
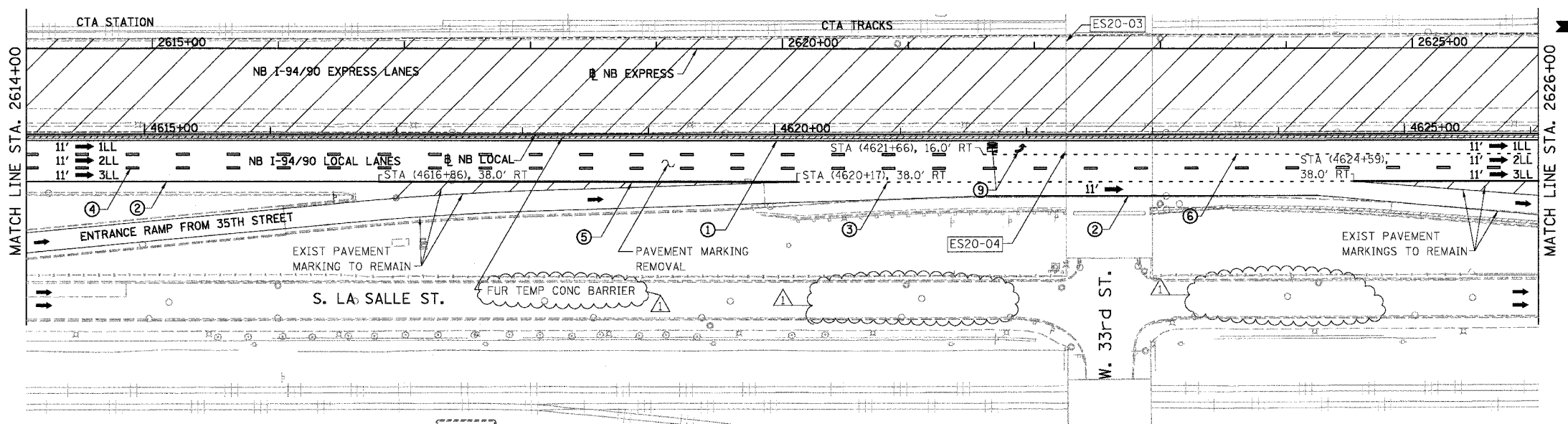
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN STAGE 1
NORTHBOUND STA. 2578+00 TO STA. 2602+00
SCALE: 1"=50'
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: RS

P:\6607\6607\94\90\96\96.DWG 8/12/05 3:29:30 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	97
STA. 2602+00 TO STA. 2626+00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		11818, ETC, 2324.6-IPJR-8		



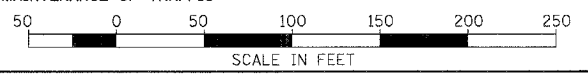
- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - 1LL TRAFFIC LANE & DIRECTION OF TRAFFIC
 - DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - BARRICADE TYPE III
 - TEMPORARY CONCRETE BARRIER
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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



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

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CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
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EXISTING SIGN TO REMAIN UNDER THIS CONTRACT.
CONTRACT 62300 NEEDS TO COORDINATE WITH
CONTRACT 62580 MAINTENANCE OF TRAFFIC



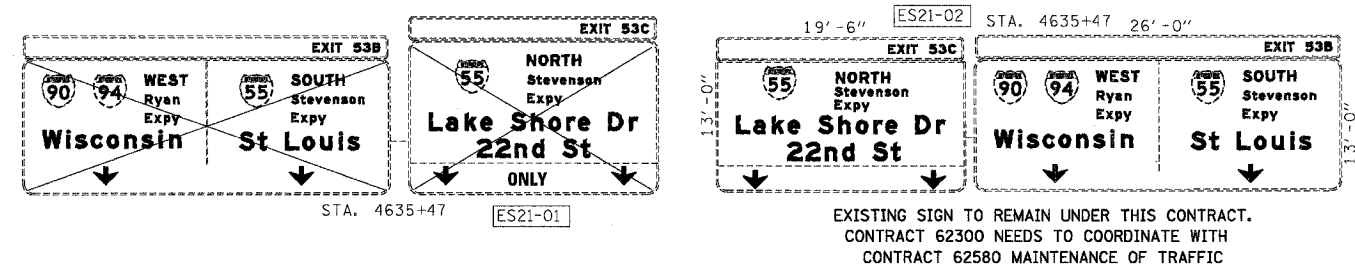
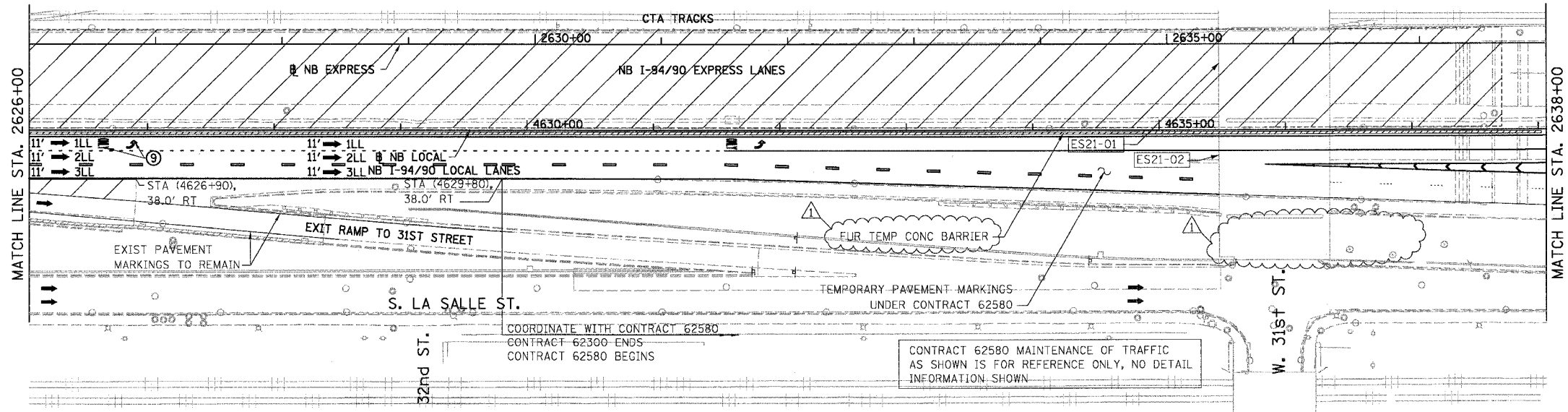
STATIONING
+**.** STATION PROVIDED FROM THE I-90/94 EXPRESS LANES
(+**.** STATION PROVIDED FROM THE I-90/94 LOCAL LANES
[+**.** STATION PROVIDED FROM THE SLIP RAMP

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

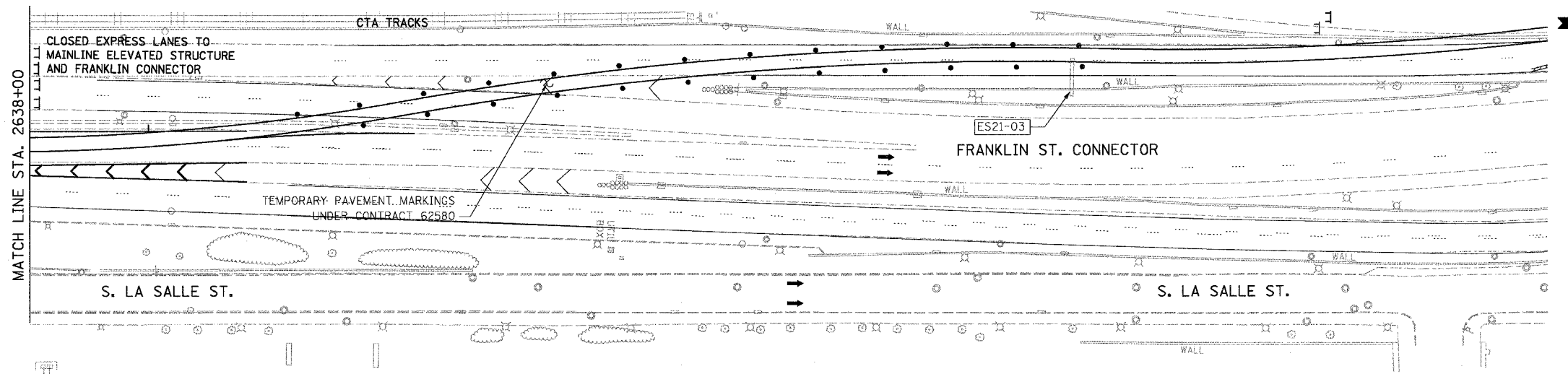
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN STAGE 1
NORTHBOUND STA. 2602+00 TO STA. 2626+00
SCALE: 1"=50'
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: RS

8/10/2005 3:29:50 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	98
STA. 2626+00		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62300		*(1818, ETC, 2324.6-IPR-8		

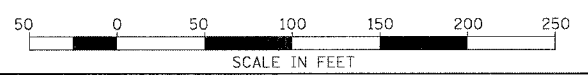


- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - 1LL TRAFFIC LANE & DIRECTION OF TRAFFIC
 - DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - BARRICADE TYPE III
 - TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE LINE)
 - ② LINE 4"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



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

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



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

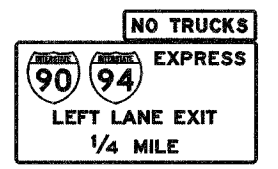
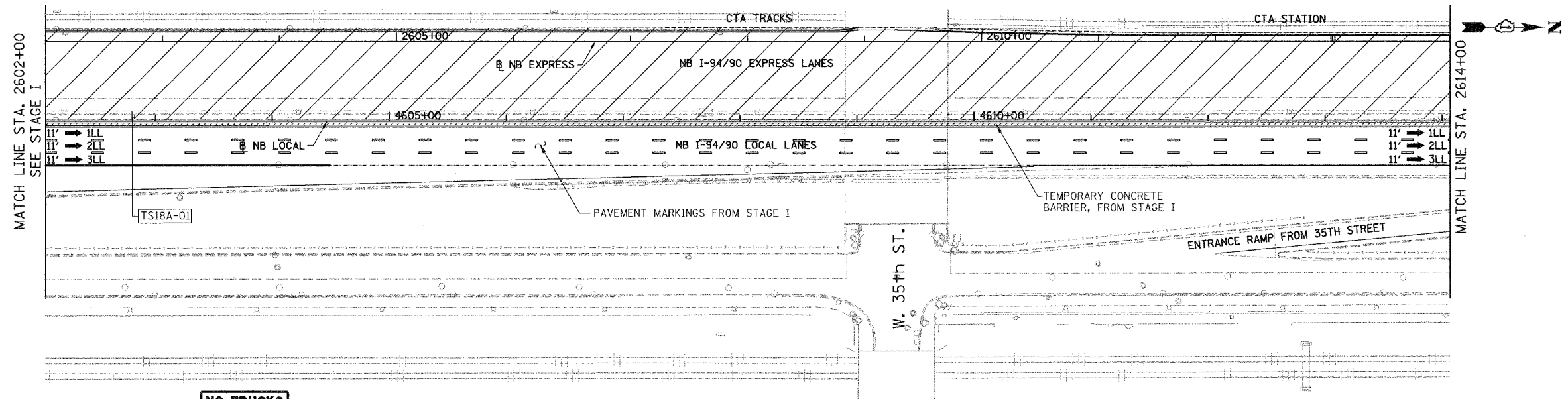
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN STAGE 1
NORTHBOUND STA. 2626+00 TO STA.
SCALE: 1"=50'
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: RS

MOT-18

3:30:04 PM 8/10/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	98A
STA. 2602+00		TO STA. 2626+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	*(1818, ETC. 2324.6-1PIR-8			

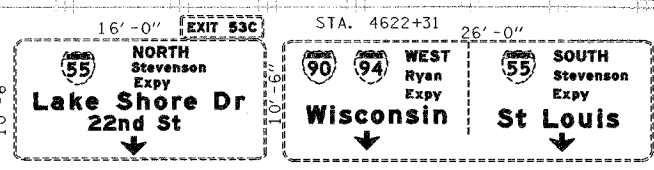
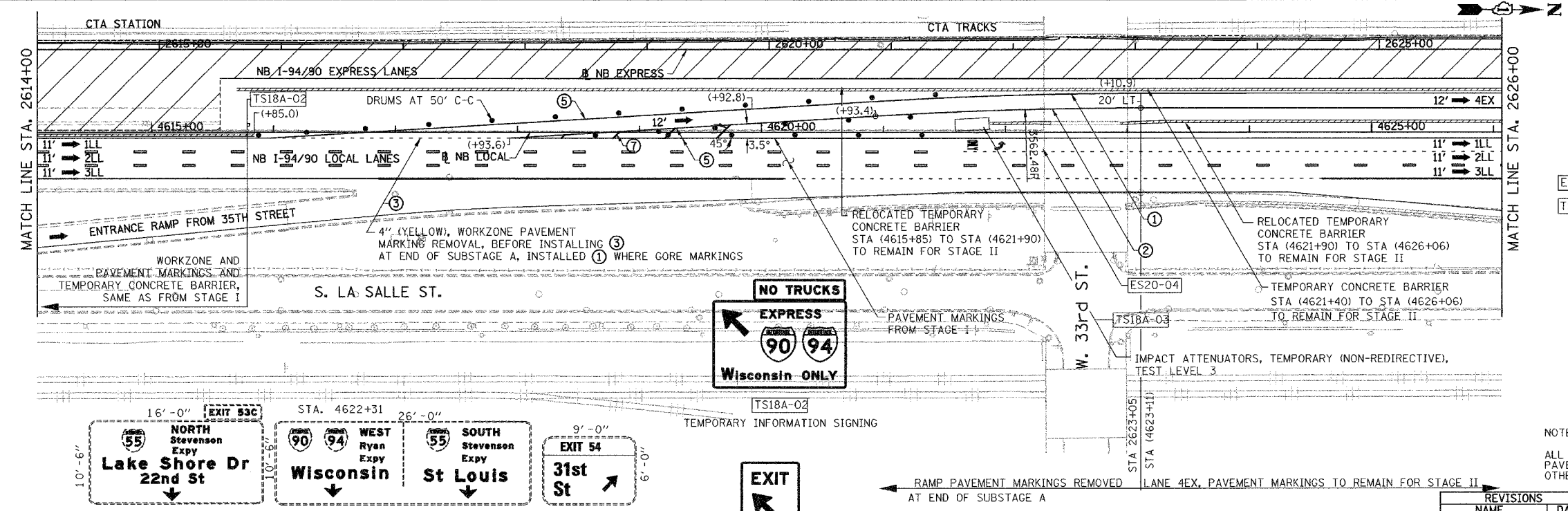


TS18A-01
TEMPORARY INFORMATION SIGNING

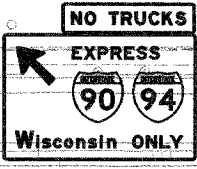
CONTRACT 62300 SUBSTAGE A SHOULD BE READY TO OPEN TO TRAFFIC AT THE SAME TIME THAT CONTRACT 62580 MAINTENANCE OF TRAFFIC, STAGE IIA IS OPEN TO TRAFFIC. CONTRACT 62300 SHOULD COORDINATE WITH CONTRACT 62580.

LEGEND

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



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



TS18A-02
TEMPORARY INFORMATION SIGNING



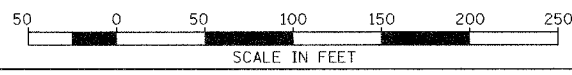
TS18A-03
TEMPORARY INFORMATION SIGNING

NOTE:

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

MOT-18A

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
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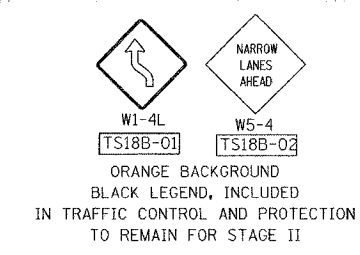
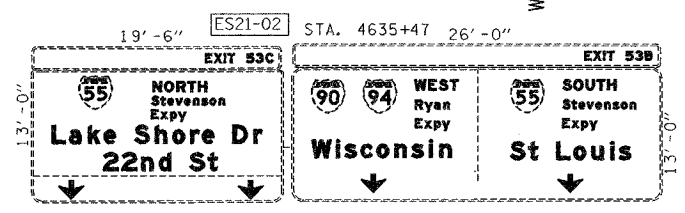
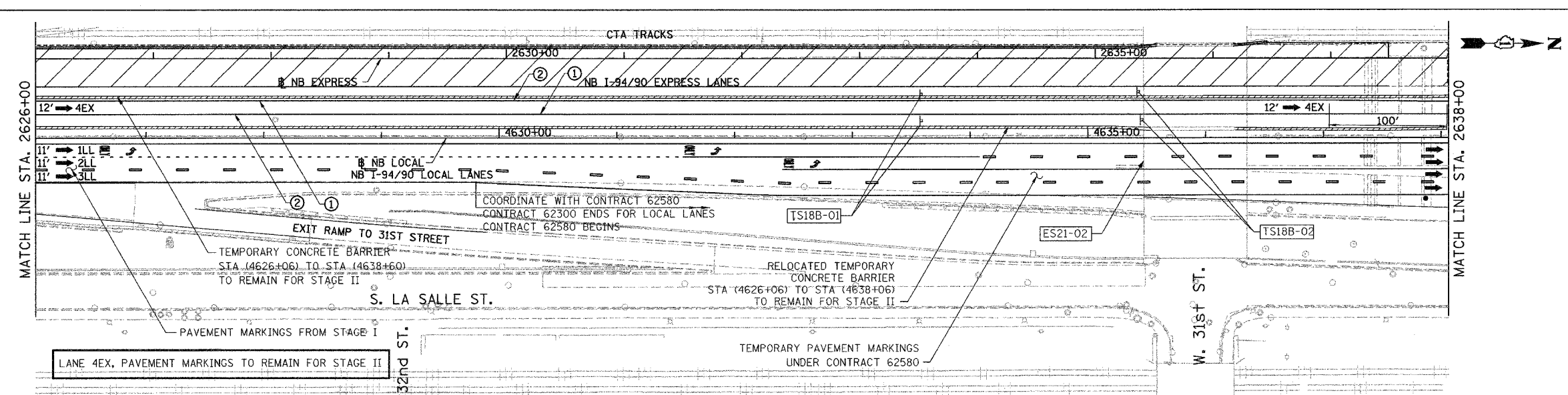
STATIONING
+**.** STATION PROVIDED FROM THE I-90/94 EXPRESS LANES
(+**.***) STATION PROVIDED FROM THE I-90/94 LOCAL LANES
[+**.**] STATION PROVIDED FROM THE SLIP RAMP

REVISIONS	
NAME	DATE
ADDENDUM 1	8/26/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN SUBSTAGE A
NORTHBOUND STA. 2602+00 TO STA. 2626+00
SCALE: 1"=50'
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: RS

8/31/2005 2:42:38 PM

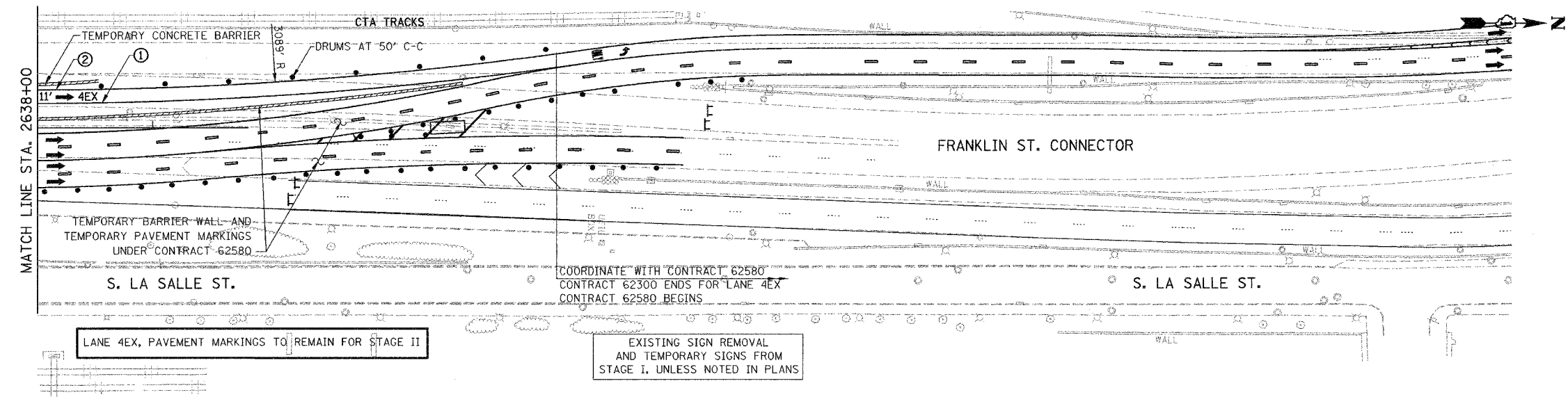
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	556	98B
STA. 2626+00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	*(1818, ETC, 2324.6-1P1R-8			



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

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

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



LANE 4EX, PAVEMENT MARKINGS TO REMAIN FOR STAGE II

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

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

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

MOT-18B

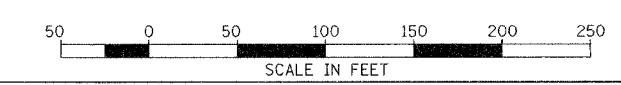
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) 31ST STREET TO 71ST STREET NB EXPRESS LANE RECONSTRUCTION MAINTENANCE OF TRAFFIC PLAN SUBSTAGE A NORTHBOUND STA. 2626+00 TO STA.
NAME	DATE	
ADDENDUM 1	8/26/05	SCALE: 1"=50' DATE: 07/07/05
		DRAWN BY: RA CHECKED BY: RS

STATIONING

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

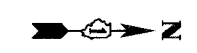
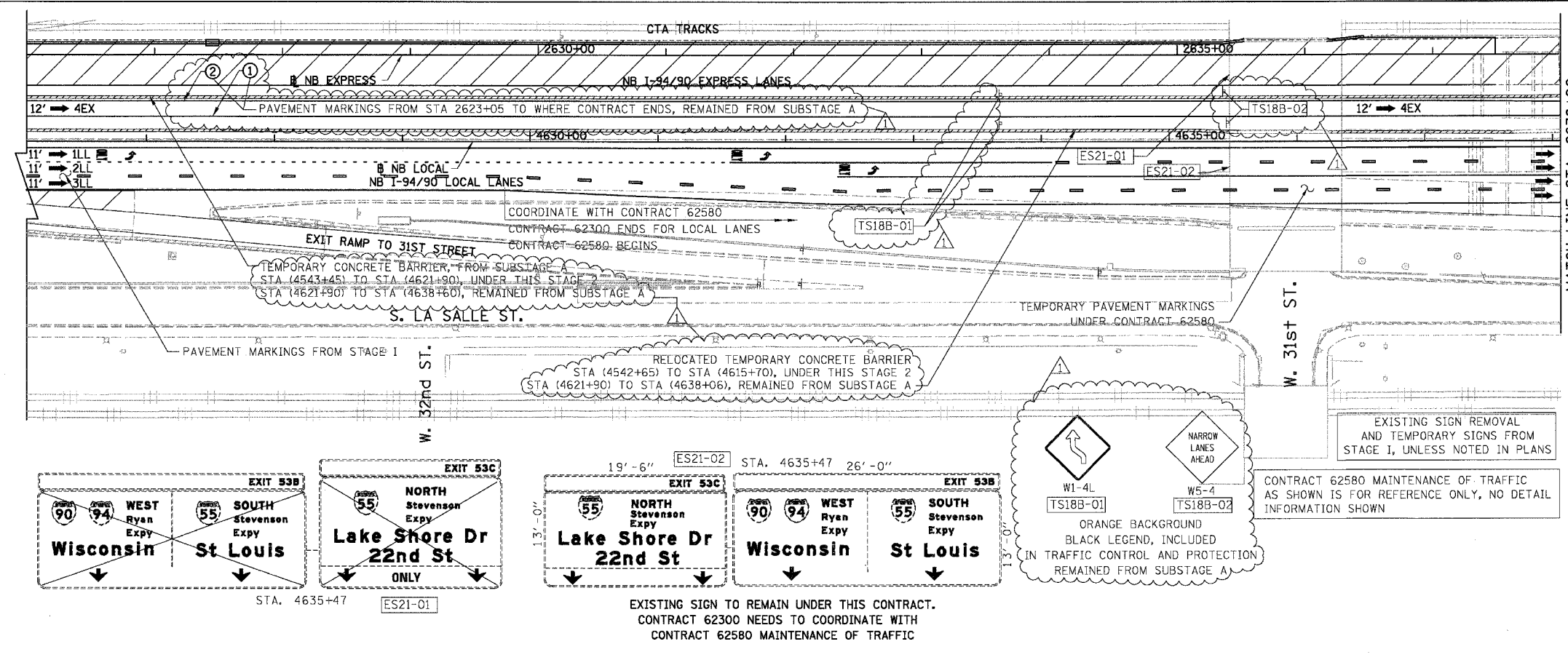
(+**.**) STATION PROVIDED FROM THE I-90/94 LOCAL LANES

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



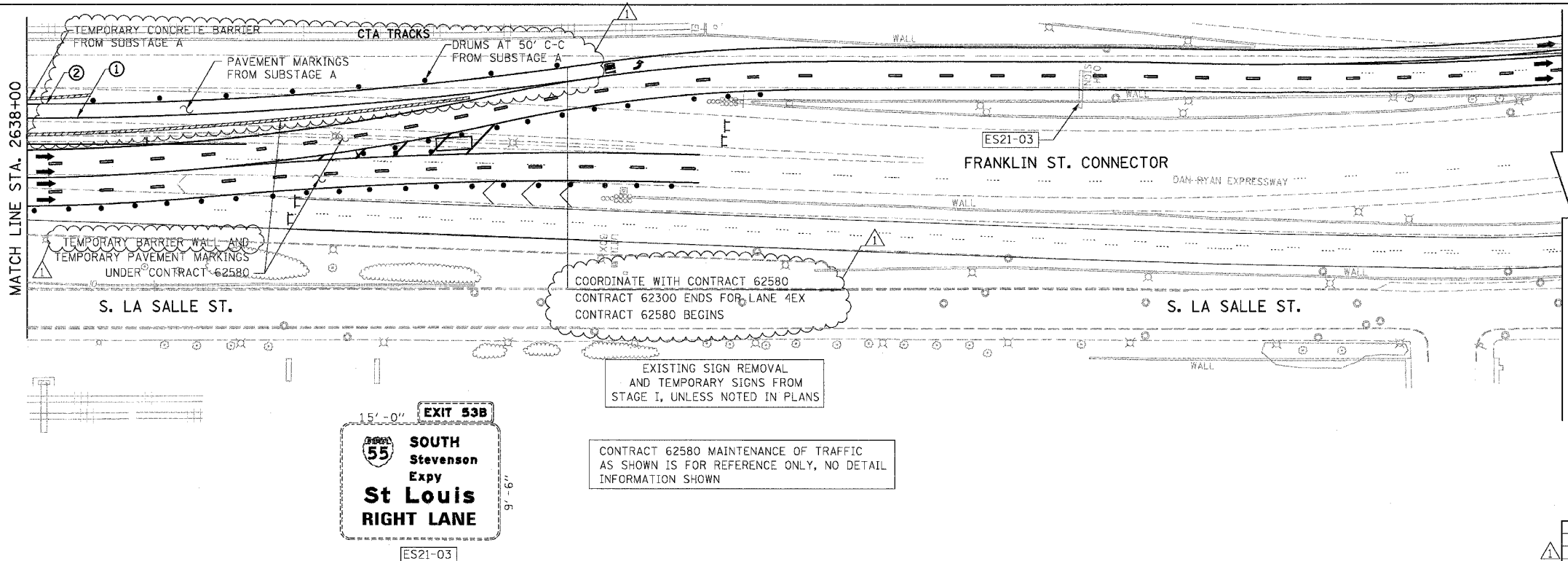
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CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	104
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62300	11818, ETC, 2324.6-1PJR-8			



MATCH LINE STA. 2638+00

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



MATCH LINE STA. 2638+00

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

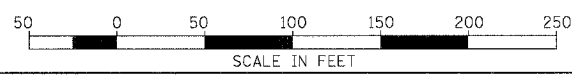
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN STAGE 2
NORTHBOUND STA. 2626+00 TO STA.

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

DRAWN BY: RA
CHECKED BY: RS

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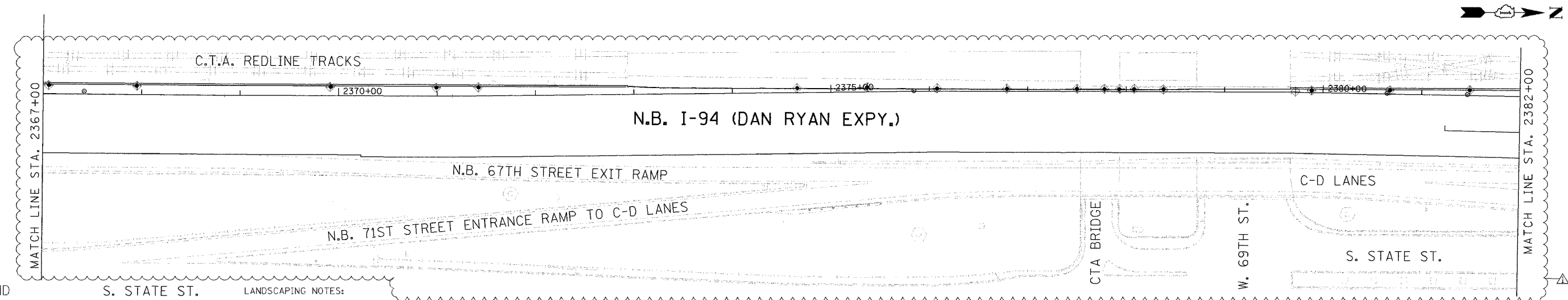
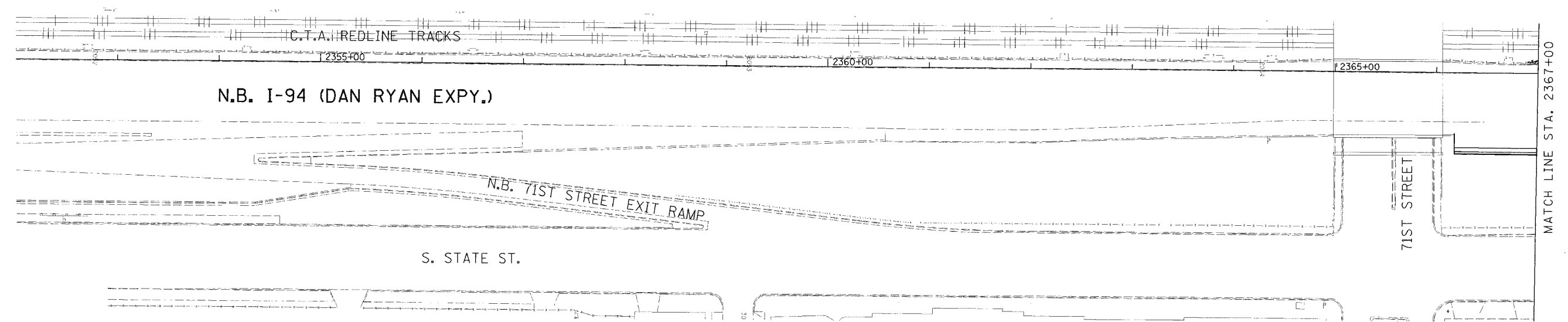
EXISTING SIGN TO REMAIN UNDER THIS CONTRACT.
CONTRACT 62300 NEEDS TO COORDINATE WITH
CONTRACT 62580 MAINTENANCE OF TRAFFIC



MOT-24

11/26/05 AM 8/17/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS
94/90		COOK	556 109
STA.	TO STA.		
	ILLINOIS		FED. AID PROJECT
62300			(1818, ETC, 2324.6-1)R-8



LEGEND

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

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

LANDSCAPING NOTES:

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

EROSION CONTROL NOTES:

1. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES, WHICH MAY POTENTIALLY CREATE CONDITIONS THAT ARE LIKELY TO ERODE.
2. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
3. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
EROSION CONTROL
AND LANDSCAPING PLAN
NORTHBOUND STA. 2352+00 TO STA. 2382+00
SCALE: 1"=50'
DATE: 7/7/05
DRAWN BY: TAI
CHECKED BY: PJM

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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	115
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		• (1818, ETC, 2324.6-1P1R-B		

DRAINAGE & UTILITIES NOTES:

- THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR MUST CONDUCT HIS OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH, AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY IMPACT THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE MUST BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION MUST BE IMMEDIATELY REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROTECTION OF ANY AND ALL SURFACE AND UNDERGROUND UTILITIES, EVEN THOUGH THEY MAY NOT BE IDENTIFIED ON THE PLANS.
- THE CONTRACTOR MUST COORDINATE CONSTRUCTION ACTIVITIES WITH THE RESPECTIVE UTILITIES OF THE CITY OF CHICAGO. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL THE CHICAGO UTILITY ALERT NETWORK (C.U.A.N.) AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, CABLE, AND GAS FACILITIES (48 HOURS NOTIFICATION IS REQUIRED). THE CONTRACTOR MUST CONTACT THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT, PERMIT SECTION AT (312) 747-7893 FOR WATER AND CITY SEWER LOCATIONS.
- THE CONTRACTOR MUST MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR MUST PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, INLETS, AND CATCH BASINS. THE CONTRACTOR MUST PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR MUST PROVIDE AND MAINTAIN A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE, INCLUDING PAVEMENT. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT MUST BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- WHEN, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN DRAINAGE STRUCTURES AND THE FLOW OF WATER IS OBSTRUCTED, IT MUST BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES (NEW AND EXISTING) MUST BE FREE OF ALL DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT MUST BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- THE CONTRACTOR MUST PROTECT THE EXISTING MAIN DRAIN DROP MANHOLES FROM THE ENTRY OF ANY LOOSE MATERIAL AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT MUST BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- THE CONTRACTOR MUST PROTECT NEW DRAINAGE STRUCTURES FROM THE ENTRY OF ERODED SOILS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT MUST BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED UNDER PREVIOUS CONTRACTS IS BASED ON CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST FIELD VERIFY LOCATIONS OF PREVIOUS CONSTRUCTION.
- STORM SEWER PLUGS MUST BE INCLUDED IN THE COST OF THE ASSOCIATED PIPE REMOVAL ITEMS AND WILL NOT BE PAID SEPARATELY.
- 'PIPE UNDERDRAINS 6" (SPECIAL)' WILL BE USED TO CONNECT TO DRAINAGE STRUCTURES.
- THE CONTRACTOR MUST ENSURE POSITIVE DRAINAGE TO ALL INLETS, CATCHBASINS, AND OPEN MANHOLES.
- GRATES MUST BE INSTALLED WITH THE VANES ORIENTED AS DIRECTED BY THE RESIDENT ENGINEER.
- ALL TEMPORARY OR PERMANENT CONNECTIONS OF SEWERS AND UNDERDRAINS TO PROPOSED AND EXISTING DRAINAGE STRUCTURES, INCLUDING ANY NEW HOLES REQUIRED IN THE DRAINAGE STRUCTURE, MUST BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED STORM SEWER OR PIPE UNDERDRAIN ITEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- STATION AND OFFSET VALUES GIVEN FOR EXISTING STRUCTURES REPRESENT THE APPROXIMATE CENTER OF THE EXISTING CASTING.
- DRAINAGE REMOVALS IN THE VICINITY OF THE CTA ARE SHOWN BASED ON RECORD DRAWINGS AND SURVEY WHERE AVAILABLE. ALL EXISTING ACTIVE DRAINAGE CONNECTIONS FROM THE CTA MUST BE MAINTAINED. ALL ACTIVE DRAINAGE CONNECTIONS FROM THE CTA DISCOVERED DURING CONSTRUCTION MUST BE MAINTAINED AS DIRECTED BY THE ENGINEER. MAINTENANCE OF ANY ACTIVE DRAINAGE CONNECTIONS FROM THE CTA THAT ARE DISCOVERED DURING CONSTRUCTION WILL NOT BE PAID SEPARATELY, BUT MUST BE INCLUDED IN THE COST OF THE ASSOCIATED DRAINAGE REMOVAL ITEMS.
- STATION AND OFFSET VALUES GIVEN FOR PROPOSED DRAINAGE STRUCTURES REPRESENT THE CENTER OF THE CASTING.
- ALL 'DRAINAGE STRUCTURES, TYPE 1 SPECIAL' AND 'DRAINAGE STRUCTURES, TYPE 2 SPECIAL' MUST HAVE MINIMUM 2'-0" SUMP BELOW LOWEST INVERT ELEVATION.
- PROPOSED STORM SEWER PLUGS ARE INCLUDED IN THE COST OF STORM SEWER PIPE. STORM SEWERS SHALL BE PLUGGED WITH BRICK AND SUITABLE MORTAR, OR BY AN ALTERNATE MEANS THAT IS ACCEPTABLE TO THE ENGINEER.

DRAINAGE & UTILITIES LEGEND:

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

SUMMARY OF SPECIAL DRAINAGE STRUCTURES

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

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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

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08/11/2005

EXISTING DRAINAGE STRUCTURES

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

EXISTING DRAINAGE STRUCTURES

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

EXISTING DRAINAGE STRUCTURES

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

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
2608+20.1	67.1' RT						1
2608+29.8	66.8' RT						1
2637+79.3	8.2' LT						1
TOTALS		209	263	47	37	32	51

BOWMAN, BARRETT & ASSOCIATES INC
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EXISTING DROP MANHOLE

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

DRAWN BY: RR
CHECKED BY: DDM

DS-04

11/2005 10:45:33 AM

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	CB ADJ NEW TIF OL	MAN ADJ NEW TIF CL	INLET ADJ NEW TIF OL
2368+17.0	4.0' LT		1	
2372+56.0	7.0' LT		1	
2372+58.0	3.0' LT		1	
2380+10.0	1.0' RT		1	
2383+12.0	5.0' LT		1	
2386+75.0	8.0' LT		1	
2387+04.0	8.0' LT		1	
2388+00.0	36.0' RT		1	
2391+25.0	3.0' LT		1	
2391+38.0	10.0' LT		1	
2398+62.0	1.0' LT		1	
2398+65.0	5.0' LT		1	
2411+57.0	3.0' LT		1	
2411+67.0	4.0' LT		1	
2417+25.0	6.0' RT		1	
2423+22.0	2.0' LT		1	
2423+22.0	58.0' RT			1
2423+32.0	55.0' RT			1
2424+28.0	58.0' RT			1
2424+38.0	54.0' RT			1
2427+85.0	48.0' RT	1		
2427+85.0	57.0' RT			1
2429+80.0	5.0' LT		1	
2431+42.0	46.0' RT	1		
2437+54.0	7.0' LT		1	
2445+52.0	15.0' LT		1	
2450+60.0	7.0' LT		1	
2454+78.0	50.0' RT		1	
2455+64.0	8.0' LT		1	
2457+52.0	60.0' RT			1
2459+96.0	60.0' RT			1
2460+38.0	60.0' RT			1
2460+48.0	60.0' RT	1		
2460+72.0	7.0' LT		1	
2461+18.0	60.0' RT			1
2463+11.0	62.0' RT			1
2465+33.0	6.0' LT		1	
2465+66.0	60.0' RT			1
2471+06.0	57.0' RT	1		
2473+16.0	56.0' RT	1		
2473+20.0	5.0' LT		1	
2473+72.0	54.0' RT		1	
2478+12.0	4.0' LT		1	
2478+90.0	57.0' RT	1		

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	CB ADJ NEW TIF OL	MAN ADJ NEW TIF CL	INLET ADJ NEW TIF OL
2481+33.0	57.0' RT	1		
2482+98.0	6.0' LT		1	
2486+06.0	58.0' RT	1		
2486+14.0	62.0' RT			1
2488+62.0	5.0' LT		1	
2489+73.0	62.0' RT			1
2489+78.0	57.0' RT	1		
2489+87.0	52.0' RT		1	
2494+18.0	4.0' LT		1	
2496+49.0	4.0' LT		1	
2499+01.0	5.0' LT		1	
2502+98.0	60.0' RT			1
2503+82.0	62.0' RT			1
2504+44.0	5.0' LT		1	
2507+31.0	70.0' RT			1
2507+50.0	63.0' RT		1	
2509+07.0	73.0' RT		1	
2510+41.0	80.0' RT	1		
2510+43.0	4.0' LT		1	
2510+48.0	100.0' RT	1		
2517+50.0	5.0' LT		1	
2522+90.0	6.0' LT		1	
2527+73.0	7.0' LT		1	
2534+66.4	8.6' LT			
2535+24.1	14.7' LT	1		
2540+70.2	14.5' LT	1		
2540+68.4	5.7' LT			
2540+59.2	51.9' RT	1		
2541+04.8	82.8' RT	1		
2542+66.4	99.1' RT		1	
2543+53.5	97.5' RT		1	
2544+69.5	90.6' RT		1	
2544+73.6	12.6' LT		1	
2545+78.9	11.9' LT	1		
2548+71.7	3.1' LT			
2548+83.3	11.5' LT	1		
2548+91.7	11.6' LT		1	
2551+79.2	11.9' LT	1		
2555+59.4	12.1' LT	1		
2556+80.1	12.4' LT	1		
2560+31.8	5.0' LT			
2564+75.9	3.0' LT			
2565+55.8	11.8' LT	1		
2567+75.1	10.8' LT	1		

EXISTING DRAINAGE STRUCTURES

STATION	OFFSET	CB ADJ NEW TIF OL	MAN ADJ NEW TIF CL	INLET ADJ NEW TIF OL
2570+41.4	10.9' LT	1		
2572+27.9	63.1' RT		1	
2575+08.5	54.2' RT	1		
2572+64.4	4.1' LT			
2579+60.2	10.6' LT	1		
2582+12.3	13.4' LT	1		
2583+95.9	10.7' LT		1	
2586+04.4	10.6' LT	1		
2588+05.1	10.7' LT	1		
2590+02.6	10.7' LT	1		
2591+69.4	10.8' LT	1		
2592+11.7	7.5' LT			
2594+29.4	10.9' LT	1		
2597+79.3	11.0' LT	1		
2600+28.5	52.4' RT	1		
2600+96.5	7.7' LT			
2602+09.1	11.0' LT	1		
2604+09.0	11.8' LT	1		
2605+37.3	6.8' LT		1	
2606+10.1	11.7' LT	1		
2607+35.2	11.2' LT			1
2608+31.9	10.9' LT			1
2608+15.4	11.3' LT			1
2609+78.8	14.8' LT			1
2611+78.9	13.5' LT			1
2623+00.4	14.9' LT	1		
2624+39.6	11.6' LT			1
2625+12.6	12.7' LT	1		
2626+49.6	12.9' LT	1		
2628+03.7	52.5' RT		1	
2631+59.8	12.9' LT	1		
2632+54.0	11.7' LT			1
2633+39.6	13.1' LT	1		
2633+98.4	12.8' LT	1		
2634+35.2	62.9' RT		1	
2636+56.4	18.0' LT	1		
2637+59.2	55.5' RT		1	
2637+50.7	57.5' RT	1		
2637+49.0	11.7' LT	1		
TOTAL		45	59	23

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* EXISTING DROP MANHOLE

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

F.A.I. 94/90	SECTION *	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 127
STA.	TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 62300	
			• 1818, ETC, 2324.6-1P1R-8	

SCHEDULE OF STORM SEWER REMOVAL

SCHEDULE OF STORM SEWER REMOVAL

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
2636+56.9	11.14'	LT	2636+56.5	18.0'	LT											
2636+43.1	9.96'	LT	2636+55.0	1.6'	LT	10.5										
2636+55.0	1.64'	LT	2636+64.5	50.8'	RT	49.3										12.7
2636+46.2	57.58'	RT	2636+54.6	57.8'	RT		4.4									
2636+54.6	57.80'	RT	2636+64.5	50.8'	RT		8.2									
2635+73.3	51.64'	RT	2636+64.5	50.8'	RT			87.2								
2636+55.4	66.65'	RT	2636+64.5	50.8'	RT	14.3										1.4
2636+64.5	50.77'	RT	2637+59.2	55.5'	RT					90.8						
2637+50.7	57.46'	RT	2637+59.2	55.5'	RT		4.7									
2637+50.9	66.58'	RT	2637+59.2	55.5'	RT		9.7									3.6
OFFSITE	OFFSITE		2531+37.2	51.6'	RT	3.1										
OFFSITE	OFFSITE		2532+71.6	30.6'	RT			23.7								6.5
OFFSITE	OFFSITE		2534+68.5	37.4'	RT	15.5										
OFFSITE	OFFSITE		2535+23.5	47.8'	RT		4.2									
OFFSITE	OFFSITE		2536+44.1	48.9'	RT		4.2									
OFFSITE	OFFSITE		2537+53.5	49.2'	RT		5.1									
OFFSITE	OFFSITE		2538+57.5	49.8'	RT		5.4									0.1
OFFSITE	OFFSITE		2540+68.4	5.7'	LT				7.9							0.0
OFFSITE	OFFSITE		2547+29.8	69.6'	RT		9.5									
OFFSITE	OFFSITE		2548+71.7	59.6'	RT				15.9							
OFFSITE	OFFSITE		2551+00.6	58.1'	RT		11.2									
OFFSITE	OFFSITE		2563+10.0	54.1'	RT		6.8									
OFFSITE	OFFSITE		2574+20.6	54.6'	RT			9.1								
OFFSITE	OFFSITE		2576+11.5	7.1'	LT				9.8							
OFFSITE	OFFSITE		2583+17.4	52.7'	RT		10.7									
OFFSITE	OFFSITE		2584+14.4	53.0'	RT		10.5									1.8
OFFSITE	OFFSITE		2586+14.0	52.4'	RT		9.7									
OFFSITE	OFFSITE		2588+14.1	52.4'	RT		9.7									
OFFSITE	OFFSITE		2590+07.7	51.3'	RT			17.4								5.1
2586+14.4	3.10'	LT	OFFSITE	OFFSITE					3.4							
2588+14.5	4.01'	LT	OFFSITE	OFFSITE					1.6							
OFFSITE	OFFSITE		2590+07.7	51.3'	RT		18.1									0.1
OFFSITE	OFFSITE		2591+79.2	52.4'	RT		10.2									
OFFSITE	OFFSITE		2593+29.1	52.1'	RT		11.1									
OFFSITE	OFFSITE		2594+39.2	52.2'	RT		11.3									
2590+12.6	4.59'	LT	OFFSITE	OFFSITE					2.0							0.0
2591+79.4	3.58'	LT	OFFSITE	OFFSITE					3.0							
2593+29.1	3.45'	LT	OFFSITE	OFFSITE			3.2									
2594+39.2	3.65'	LT	OFFSITE	OFFSITE				3.0								
OFFSITE	OFFSITE		2597+69.4	51.9'	RT		11.4									
OFFSITE	OFFSITE		2598+69.1	52.2'	RT	10.5										
OFFSITE	OFFSITE		2600+19.3	3.4'	LT		11.0									
2597+69.1	3.95'	LT	OFFSITE	OFFSITE			2.7									
2598+69.4	4.32'	LT	OFFSITE	OFFSITE			2.3									
2600+19.1	10.82'	LT	OFFSITE	OFFSITE					3.3							
2601+99.4	3.37'	LT	OFFSITE	OFFSITE					3.6							1.6
OFFSITE	OFFSITE		2601+99.6	52.4'	RT				9.7							2.6

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
OFFSITE	OFFSITE		2603+99.5	51.9'	RT	11.5										
OFFSITE	OFFSITE		2606+00.0	52.7'	RT	10.5										
OFFSITE	OFFSITE		2607+30.1	51.9'	RT	11.6										
2603+99.5	4.23'	LT	OFFSITE	OFFSITE				2.6								
2606+00.0	3.63'	LT	OFFSITE	OFFSITE				3.2								
2607+29.7	3.59'	LT	OFFSITE	OFFSITE			3.1									
OFFSITE	OFFSITE		2608+09.8	52.4'	RT	10.7										
OFFSITE	OFFSITE		2609+79.8	55.6'	RT	7.1										
OFFSITE	OFFSITE		2611+66.7	54.2'	RT		9.7									
OFFSITE	OFFSITE		2611+66.7	54.2'	RT	10.5										
2608+09.8	3.60'	LT	OFFSITE	OFFSITE			3.3									
2609+79.8	4.24'	LT	OFFSITE	OFFSITE				2.7								
2611+67.0	1.98'	LT	OFFSITE	OFFSITE			1.9									
2613+79.6	2.93'	LT	OFFSITE	OFFSITE			0.7									
OFFSITE	OFFSITE		2617+47.3	54.4'	RT	10.8										
OFFSITE	OFFSITE		2619+65.2	54.6'	RT	9.7										
2617+47.6	3.95'	LT	OFFSITE	OFFSITE			0.7									
2619+65.1	4.86'	LT	OFFSITE	OFFSITE				1.0								
OFFSITE	OFFSITE		2623+16.6	50.8'	RT		13.4									0.7
OFFSITE	OFFSITE		2624+29.9	51.9'	RT		12.2									
OFFSITE	OFFSITE		2624+28.6	3.1'	LT		4.2									
OFFSITE	OFFSITE		2626+50.5	51.9'	RT		14.6									11.0
OFFSITE	OFFSITE		2626+51.1	5.0'	LT			2.2								
OFFSITE	OFFSITE		2632+63.0	51.4'	RT		12.9									
OFFSITE	OFFSITE		2636+64.5	50.8'	RT			13.2								
OFFSITE	OFFSITE		2637+59.2	66.6'	RT			8.0								
TOTAL					510	6548	5070	4309	4490	495	4776	200	1652	504	53	13216

PLUG AND ABANDON EXISTING PIPE

STATION	ABANDON LENGTH (LF)	PIPE DIAMETER (IN)	VOLUME (CY)
2584+34	41.0	36	10.7
2586+15	35.0	15	1.6
2588+14	35.0	15	1.6
2590+12	36.0	15	1.6
2591+79	35.0	15	1.6
2593+29	35.0	10	0.7
2594+39	35.0	12	1.0
2597+69	35.0	12	1.0
2598+69	35.0	10	0.7
2600+19	35.0	15	1.6
2601+99	35.0	15	1.6
2603+99	35.0	15	1.6
2606+00	35.0	15	1.6
2607+30	35.0	12	1.0
2608+09	34.0	12	1.0
2617+48	39.0	12	1.1
2619+65	37.0	18	2.4
TOTAL:			33

SCHEDULE OF PIPE UNDERDRAIN REMOVAL

STATION	OFFSET	TO	STATION	OFFSET	PIPE UNDERDRAIN REMOVAL (LF)
2540+22.0	14.08'	LT	2540+18.3	41.2'	61.9
2548+58.8	8.71'	LT	2548+58.1	75.1'	83.8
2623+00.1	9.28'	LT	2622+99.8	66.2'	76.0
2636+49.1	9.46'	LT	2636+48.6	63.8'	75.4
TOTAL					298





NOTES:
1. PIPES BEING ABANDONED BENEATH THE CTA IN ACCORDANCE WITH THE SPECIAL PROVISIONS. COORDINATION WITH CONTRACT 62302 IS NECESSARY.
2. SEE SHEET 123 FOR ADDITIONAL LOCATIONS OF PLUG AND ABANDON EXISTING PIPE.

REVISIONS NAME	DATE
ADDENDUM 1	8/12/05

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

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	133
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62300	• 11818, ETC, 2324.6-1P1R-8			

SCHEDULE OF DRAINAGE STRUCTURES

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

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

DS-18

08/07/2005 08:23:38 PM

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

SCHEDULE OF DRAINAGE STRUCTURES

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

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

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

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T8G	CB TA 4 DIA T20F&G	CB TA 5 DIA T20F&G	MAN TA 4 DIA T1F CL	MAN TA 5 DIA T1F CL	MAN TA 6 DIA T1F CL	IN TB T20F&G	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	MAN DT 6 DIA T1F CL	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
33-14	2555+90.0	62.8' RT	-4.98			1									-10.68W,	
33-15	2555+90.0	56.8' RT	-3.84			1									-10.78E, -10.98W,	
33-16	2555+90.0	51.5' RT	-3.63					1							-10.87N, -11.08E, -10.97S, -9.52W,	
33-17	2555+90.0	7.5' LT	-3.79			1									-8.93E,	162
33-18	2556+80.0	61.5' RT	-3.83									1			-10.39E,	
33-19	2556+80.0	56.8' RT	-3.24												-10.49W,	
33-20	2556+80.0	51.5' RT	-3.03												-10.24N, -10.59E, -10.49S, -10.35W,	
33-21	2556+80.0	7.5' LT	-3.18			1									-9.8E, -9.7W,	162
33-22	2558+25.0	61.5' RT	-2.13									1			-8.32E,	
33-23	2558+25.0	56.8' RT	-1.64												-8.62W,	
33-24	2558+25.0	51.5' RT	-1.43						1						-8.72E, -9.65S, -7.32W,	
33-25	2558+25.0	7.5' LT	-1.59			1									-6.77E,	162
34-01	2560+20.0	61.5' RT	-0.34									1			-7.39NE,	
34-02	2560+20.0	56.8' RT	-0.24												-7.49NW,	
34-03	2560+30.0	51.5' RT	0.01						1						-7.65E, -8.6W,	
34-04	2560+20.0	7.5' LT	-0.19			1									-5.4NE,	162
34-05	2563+10.0	61.5' RT	-0.43									1			-9.85NE, -10.25E,	
34-06	2563+10.0	56.8' RT	-0.28												-10.35W,	
34-07	2563+10.0	51.5' RT	-0.07					1							-10.71N, -10.45E, -6.01W,	
34-08	2563+10.0	7.5' LT	-0.23			1									-5.42E,	162
34-09	2564+77.7	51.5' RT	-1.25						1						-10.56N, -11.13S, -11.23W,	
34-10	2565+10.0	61.5' RT	-2.39									1			-9.77E,	
34-11	2565+10.0	56.8' RT	-1.78												-9.87W,	
34-12	2565+10.0	51.5' RT	-1.57					1							-9.98E, -10.46S, -9.23W,	
34-13	2565+10.0	7.5' LT	-1.73			1									-8.54N, -8.64E,	162
34-14	2565+55.0	7.5' LT	-2.23			1									-8.09S, -7.99W,	162
35-01	2567+00.0	61.5' RT	-4.39									1			-10.93E,	
35-02	2567+00.0	56.8' RT	-3.69												-11.03W,	
35-03	2567+00.0	51.5' RT	-3.48					1							-12.63N, -11.13E, -9.43W,	
35-04	2567+00.0	7.5' LT	-3.64			1									-8.84E,	162
35-05	2567+75.0	61.5' RT	-4.63									1			-11.69E,	
35-06	2567+75.0	56.8' RT	-3.94												-11.79N,	
35-07	2567+75.0	7.5' LT	-3.88			1									-11.4N, -11.3W,	162
35-08	2567+83.8	61.5' RT	-4.68										1			
35-09	2567+86.5	56.8' RT	-3.94												-9.75N, -11.89S, -11.58W,	
35-10	2567+86.5	51.5' RT	-3.73						1						-12.93N, -11.68E, -12.83S, -12.46W,	
35-11	2567+86.5	7.5' LT	-3.89	1											-9.16N, -11.87E, -11.52S,	162
35-12	2568+00.0	61.5' RT	-4.63									1				
35-13	2568+00.0	56.8' RT	-3.93												-9.62S,	
35-14	2568+00.0	7.5' LT	-3.88			1									-9.03S,	162
35-15	2568+40.0	61.5' RT	-4.53									1			-11.43E,	
35-16	2568+40.0	56.8' RT	-3.85												-11.53W,	
35-17	2568+40.0	51.5' RT	-3.64						1						-13.13N, -11.63E, -13.03S,	
35-18	2568+40.0	7.5' LT	-3.79			1									-8.95NE,	
35-19	2568+51.0	51.5' RT	-3.59						1						-13.37N, -13.15S, -12.52W,	

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

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

SCHEDULE OF DRAINAGE STRUCTURES

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

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

62300

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

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T8G	CB TA 4 DIA T20F&G	CB TA 5 DIA T20F&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	IN TB T20F&G	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	MAN DT 6 DIA TIF CL	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)	
44-08	2623+03.4	61.5' RT	-3.33									1			-11.22E, -8.64S,		
44-09	2623+03.4	56.8' RT	-2.32												-11.32N,		
44-10	2623+03.4	7.5' LT	-2.27	1											-7.45N,	162	
44-11	2623+13.3	61.5' RT	-3.33									1			-11.09NE,		
44-12	2623+13.3	56.8' RT	-2.32												-7.64N, -11.42S, -11.52W,		
44-13	2623+13.3	51.5' RT	-2.11						1						-12.87N, -11.62E, -13.12S, -8.24W,		
44-14	2623+13.3	7.2' LT	-2.26	1											-7.55N, -7.65E, -7.55S,	162	
44-15	2623+30.0	56.8' RT	-2.31			1									-7.47S,		
44-16	2623+30.0	7.0' LT	-2.24			1									-7.38S,	162	
44-17	2624+30.0	61.5' RT	-2.75									1			-11.02NE, -11.02E,		
44-18	2624+30.0	56.9' RT	-3.82												-11.12W,		
44-19	2624+30.0	51.5' RT	-1.68						1						-11.32N, -11.22E, -12.72S, -8.89W,		
44-20	2624+30.0	6.8' LT	-1.81			1									-8.2NW, -8.2N, -8.3E,	162	
44-21	2625+10.0	7.5' LT	-1.16			1									-7.3NW, -7.4S,	162	
45-01	2626+50.0	61.5' RT	-0.41									1			-8.62N, -9.42NE,		
45-02	2626+50.0	56.8' RT	0.00												-9.52W,		
45-03	2626+50.0	51.5' RT	0.21						1						-9.62E, -10.77S, -9.69W,		
45-04	2626+50.0	7.5' LT	0.05			1									-9.1E, -9W,	162	
45-05	2630+95.0	61.5' RT	0.44									1			-7.23E,		
45-06	2630+95.0	56.8' RT	0.26												-7.33W,		
45-07	2630+95.0	51.5' RT	0.47					1							-8.18N, -7.43E, -6.9W,		
45-08	2630+95.0	7.5' LT	0.31			1									-6.21N, -6.31E,	162	
45-09	2631+60.0	7.5' LT	-0.33			1									-5.56S, -5.46W,	162	
46-01	2632+60.0	61.5' RT	-1.17									1			-8.76E, -8.76SE,		
46-02	2632+60.0	56.8' RT	-1.37												-8.86W,		
46-03	2632+60.0	51.5' RT	-1.16						1						-9.96N, -8.96E, -8.58S, -7.3W,		
46-04	2632+60.0	7.5' LT	-1.32			1									-6.71E, -6.61SW,	162	
46-05	2634+05.0	61.5' RT	-2.57									1			-10.1E,		
46-06	2634+05.0	56.8' RT	-2.80												-10.2W,		
46-07	2634+05.0	51.5' RT	-2.59						1						-11.55N, -10.3E, -10.25S, -8.59W,		
46-08	2634+05.0	7.5' LT	-2.75			1									-8E, -7.9S, -7.9SW,	162	
46-09	2635+35.0	62.7' RT	-4.27			1									-10.77W,		
46-10	2635+35.0	56.8' RT	-4.05			1									-10.87E, -10.97W,		
46-11	2635+35.0	51.5' RT	-3.84						1						△ -15.21N, -11.07E, -11.74S, -9.7W,		
46-12	2635+35.0	7.5' LT	-3.99			1									-9.11E,	162	
46-13	2636+30.0	62.7' RT	-4.66			1									-9.87W,		
46-14	2636+30.0	56.8' RT	-4.44			1									-12.83N, -9.97E,		
46-15	2636+30.0	10.5' LT	-4.51	△		1									-12.29N,	162	
46-16	2636+41.8	62.7' RT	-4.67		1										-13.08NW,		
46-17	2636+51.0	56.8' RT	-4.45		1										-13.29N, -13.19E, -13.04S,		
46-18	2636+65.0	51.5' RT	-4.22						1						△ -15.58N, -13.63E, -15.38S, -13.63W,		
46-19	2636+51.0	12' LT	-4.58			1									-12.6N, -12.5S,	162	
46-20	2636+65.0	62.7' RT	-4.65			1									-10.6E, -10.08S, -13.18W,		
46-21	2636+65.0	56.8' RT	-4.43			1									-13.28E, -13.43S, -15.53W,		
46-22	2636+65.0	12' LT	-4.57	△		1									△ -12.99E, -12.74S,	162	
46-23	2633+40.0	7.5' LT	-2.11			1									-7.25N, -7.15W,	162	
TOTALS:					25	1	273	4	53	141	1	28	62	2	1		29899

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NAME	DATE
ADDENDUM 1	8/12/05

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

DS-24

08/10/2005 08:24:44 PM

SCHEDULE OF STORM SEWERS

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

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL A 3, 48	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
29-13	DMH29-01	42.1	36	0.10%																										76.4	
29-16	29-13	55.4	30	0.13%												55.4														31.9	
30-03	29-16	127.7	30	0.15%												127.7														100.4	
30-07	30-03	97.7	27	0.17%											97.7															81.4	
30-11	30-07	97.7	27	0.21%											97.7															92.9	
30-16	30-11	98.2	24	0.43%										98.2																38.6	
29-15	29-16	0.8	12	1.00%						0.8																					
29-17	29-16	44.8	12	1.00%						44.8																				16.1	
EX P	29-14	3.0	12	0.43%																								3.0	0.5		
EX CB	29-17	1.0	12	1.00%						1.0																					
30-02	30-03	0.8	12	1.00%						0.8																					
30-04	30-03	44.7	12	1.00%						44.7																				11.5	
EX P	30-01	3.8	12	9.20%																									3.8	0.4	
30-06	30-07	0.8	12	1.00%						0.8																					
30-08	30-07	44.8	12	1.00%						44.8																				10.1	
EX P	30-05	5.0	12	0.43%																									5.0	0.3	
30-10	30-11	0.8	12	1.00%						0.8																					
30-12	30-11	46.2	12	1.00%						46.2																				16.1	
EX P	30-09	5.6	12	4.73%																									5.6	1.0	
30-13	30-12	35.7	12	1.00%						35.7																				6.3	
EX P	30-13	1.0	12	1.00%						1.0																					
30-15	30-16	1.3	12	1.00%						1.3																					
29-11	29-13	65.0	27	0.16%																				65.0						106.7	
29-07	29-11	120.0	27	0.18%											120.0															142.7	
29-03	29-07	122.5	27	0.21%											122.5															74.0	
29-02	29-03	1.3	12	1.00%						1.3																					
EX P	29-01	5.7	12	0.55%																									5.7	0.1	
29-04	29-03	43.7	12	1.00%						43.7																				11.1	
29-06	29-07	0.8	15	1.00%							0.8																				
29-08	29-07	44.8	12	1.00%						44.8																				4.0	
EX P	29-05	6.0	15	0.32%																									6.0	1.5	
29-10	29-11	0.8	12	1.00%																	0.8										
29-12	29-11	44.9	12	1.00%						44.9																				4.6	
30-21	DMH30-01	39.2	30	0.13%																					39.2					65.6	
30-23	30-21	97.7	30	0.17%																					97.7					172.2	
30-22	30-23	35.2	30	0.17%																					35.2					61.5	
31-02	30-22	95.4	30	0.17%																					95.4					169.6	
31-05	31-02	85.1	30	0.21%											85.1															99.4	
31-08	31-05	90.0	21	0.21%												90.0														77.5	
31-13	31-08	115.5	18	0.32%												115.5														33.2	
30-24	30-23	42.5	12	1.00%						42.5																				27.0	
31-01	31-02	5.0	12	1.00%																				5.0						3.9	
31-03	31-05	30.6	12	1.00%						30.6																				20.6	
31-04	31-05	4.9	12	1.00%						4.9																				2.4	
31-07	31-08	0.8	12	1.00%						0.8																					

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

DS-29

11/26/05 08:24:27 PM

SCHEDULE OF STORM SEWERS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	•	COOK	556	145
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		• (1818, ETC, 2324.6-1PIR-8		

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
31-09	31-08	28.2	12	1.00%						28.2																			8.0	
EX MH	31-06	16.4	12	1.00%																							16.4		13.7	
31-10	31-09	48.1	12	1.00%						48.1																			11.2	
31-12	31-13	1.3	12	1.00%						1.3																			4.3	
31-14	31-13	26.8	12	1.00%						26.8																			4.3	
EX P	31-11	0.3	12	0.55%																							0.3		5.6	
31-15	31-14	46.9	12	1.00%						46.9																			0.4	
EX CB	31-15	5.9	12	1.00%						5.9																			14.9	
30-19	30-21	16.6	15	0.32%							16.6																		1.7	
30-18	30-19	1.3	12	1.00%						1.3																			6.0	
30-20	DMH30-01	17.7	12	1.00%						17.7																			70.3	
EX CB	30-17	10.9	12	1.00%																							10.9		62.9	
EX P	30-21	45.0	24	0.38%																				45.0					109.3	
32-15	JC32-01	50.0	42	0.10%															50.0										18.2	
33-09	32-15	124.8	30	0.21%												124.8													26.6	
33-16	33-09	61.8	27	0.44%											61.8														50.3	
33-20	33-16	86.0	21	0.44%																									7.7	
33-24	33-20	141.0	18	0.44%																									1.1	
33-08	33-09	0.8	18	1.00%																									2.2	
33-10	33-09	54.5	15	1.00%						54.5																			0.6	
33-05	33-08	9.7	12	1.00%						9.7																			0.4	
33-12	33-08	7.3	18	1.00%									7.3																0.6	
33-06	33-10	9.7	12	1.00%						9.7																			13.6	
33-13	33-10	7.3	12	1.00%						7.3																			6.2	
EX CB	33-04	13.6	12	1.00%																							13.6		6.2	
EX CB	33-11	21.5	18	1.00%									21.5																6.2	
33-15	33-16	1.3	12	1.00%						1.3																			0.1	
33-17	33-16	55.0	12	1.00%						55.0																			14.3	
33-14	33-15	2.0	12	1.00%						2.0																			1.8	
33-19	33-20	1.3	15	1.00%							1.3																		6.3	
33-21	33-20	55.0	12	1.00%						55.0																			1.8	
EX CB	33-21	0.9	12	1.00%						0.9																			231.8	
EX CB	33-18	1.8	15	1.00%																									74.8	
33-23	33-24	1.3	12	1.00%						1.3																			289.6	
33-25	33-24	55.0	12	1.00%						55.0																			131.2	
EX CB	33-22	1.8	12	1.00%																							1.8		1.0	
32-11	32-15	208.7	36	0.13%																									2.7	
32-07	32-11	75.0	30	0.13%												75.0													1.0	
32-03	32-07	220.0	30	0.17%																							220.0		2.7	
31-18	32-03	140.5	27	0.32%											140.5														1.0	
32-16	JC32-01	4.5	12	1.00%						4.5																			2.7	
32-14	32-15	0.8	12	1.00%						0.8																			1.0	
33-02	32-14	11.0	12	1.00%						11.0																			2.7	
33-03	JC32-01	4.6	12	1.00%						4.6																			1.0	
32-10	32-11	0.8	15	1.00%							0.8																		1.0	

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

DS-30

08/10/2005 08:24:47 PM H:\660\9409\94\90\94\90\94\90\SHEET 5 660_145.DWG

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

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
35-07	35-11	7.5	12	1.00%						7.5																			1.9	
35-14	35-11	9.5	12	1.00%						9.5																			0.7	
EX CB	35-07	1.0	12	1.00%						1.0																				
EX CB	35-05	1.7	15	1.00%																								1.7		
35-16	35-17	0.8	12	1.00%						0.8																				
35-18	JC35-01	5.6	12	1.00%						5.6																			1.3	
EX CB	35-15	1.8	12	1.00%																							1.8			
36-05	DMH36-01	49.6	21	0.21%																			49.6						72.6	
36-06	36-05	153.0	21	0.44%									153.0																150.4	
36-03	36-05	13.0	18	0.25%								13.0																	9.7	
36-02	36-03	1.3	12	1.00%						1.3																				
36-04	36-03	55.0	12	1.00%						55.0																			6.5	
EX CB	36-01	2.1	12	1.00%																							2.1		0.2	
EX MH	36-01	13.2	12	1.00%																							13.2		4.5	
EX P	36-06	12.2	12	1.00%						12.2																			6.9	
37-05	JC37-01	49.4	36	0.10%														49.4											74.4	
37-08	37-05	143.2	24	0.17%										143.2															146.0	
37-15	37-08	25.0	21	0.21%									25.0															18.9		
37-22	37-15	145.5	21	0.44%									145.5																47.5	
37-07	37-08	0.8	12	1.00%						0.8																				
37-09	37-08	54.5	12	1.00%						54.5																			6.3	
EX CB	37-06	2.3	12	1.00%																							2.3		0.1	
37-14	37-11	11.0	15	1.00%									11.0																6.2	
37-13	37-14	3.2	15	1.00%									3.2																0.3	
37-16	37-12	11.0	15	1.00%									11.0																1.0	
37-11	37-15	0.8	15	1.00%									0.8																3.7	
37-18	37-14	11.0	15	1.00%									11.0																0.1	
37-17	37-18	1.9	15	1.00%									1.9																	
EX CB	37-17	1.7	15	1.00%																								1.7		
37-12	37-15	54.5	15	1.00%									54.5																9.1	
37-19	37-16	11.0	12	1.00%						11.0																			0.8	
37-21	37-22	1.3	12	1.00%						1.3																				
37-23	37-22	55.0	12	1.00%						55.0																			6.4	
EX P	37-20	2.0	12	2.10%																							2.0			
EX CB	37-20	6.5	12	1.00%																							6.5		0.3	
37-03	37-05	26.8	30	0.15%											26.8														19.7	
36-11	37-03	205.1	30	0.21%											205.1														241.3	
36-07	36-11	135.4	21	0.44%									135.4																113.0	
36-08	36-07	8.1	15	1.00%								8.1																	5.1	
EX P	36-08	1.2	15	0.32%																								1.2		
36-10	36-11	0.8	12	1.00%						0.8																				
36-12	36-11	64.1	12	1.00%						64.1																			9.9	
36-09	36-10	2.8	12	1.00%						2.8																			1.1	
EX CB	36-09	2.8	12	1.00%																							2.8		0.4	
37-02	37-03	0.8	12	1.00%						0.8																				

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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

DS-32

08/10/2005 08:26:03 PM

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

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
EX CB	44-08	1.4	12	1.00%																								1.4		
EX P	44-11	3.5	15	1.00%																								3.5	0.5	
	44-18	44-19	0.8	12	1.00%					0.8																				
	44-20	44-19	53.9	12	1.00%					53.9																				13.4
	44-21	44-20	76.0	12	1.00%					76.0																				14.9
EX P	44-17	2.6	12	0.20%																								2.6	0.3	
EX CB	44-17	7.6	12	1.00%																								7.6	1.2	
EX IN	44-20	7.7	12	1.00%						7.7																			1.5	
EX CB	44-21	1.8	12	1.00%						1.8																				
45-02	45-03	0.8	12	1.00%						0.8																				
45-04	45-03	54.5	12	1.00%						54.5																				44.1
EX P	45-01	8.3	12	1.00%																								8.3	2.5	
EX CB	45-01	12.9	12	1.00%																								12.9	2.0	
EX CB	45-04	1.4	12	1.00%						1.4																				
43-07	44-01	111.6	27	0.15%											111.6															130.9
43-03	43-07	215.0	21	0.21%									215.0																	238.9
43-02	43-03	0.8	15	1.00%							0.8																			
43-04	43-03	51.3	12	1.00%						51.3																				5.4
EX CB	43-01	4.8	12	1.00%																								4.8	0.9	
EX P	43-01	3.5	12	2.00%																								3.5	0.6	
43-06	43-07	0.8	12	1.00%						0.8																				
43-08	43-07	52.5	12	1.00%						52.5																				5.7
EX CB	43-05	7.4	12	1.00%																								7.4	1.2	
EX P	43-05	4.7	12	3.10%																								4.7	2.0	
46-18	EX MH	89.3	36	0.11%																									122.4	
46-11	46-18	125.0	30	0.13%											125.0														159.4	
46-07	46-11	125.0	27	0.15%											125.0															82.3
46-03	46-07	140.0	24	0.21%																										87.8
45-07	46-03	160.0	21	0.25%																										64.7
45-06	45-07	0.8	12	1.00%						0.8																				
45-08	45-07	54.5	12	1.00%						54.5																				14.3
45-09	45-08	61.0	12	1.00%						61.0																				9.1
EX CB	45-05	1.8	12	1.00%																								1.8		
EX CB	45-09	1.4	12	1.00%						1.4																				
46-02	46-03	0.8	12	1.00%						0.8																				
46-04	46-03	54.5	12	1.00%						54.5																				7.5
EX CB	46-01	5.3	12	1.00%																								5.3	0.5	
EX P	46-01	2.6	12	2.00%																								2.6	0.2	
EX IN	46-04	4.3	12	1.00%						4.3																				0.3
46-06	46-07	0.8	12	1.00%						0.8																				
46-08	46-07	54.5	12	1.00%						54.5																				6.7
46-23	46-08	61.0	12	1.00%						61.0																				4.6
EX CB	46-05	1.5	12	1.00%																								1.5		
EX CB	46-08	4.4	12	1.00%						4.4																				0.4

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NAME	DATE
ADDENDUM 1	8/12/05

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

DS-36

08/07/2005

SCHEDULE OF STORM SEWERS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	152
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		• (1818, ETC, 2324.6-1PIR-B		

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
EX CB	46-23	1.6	12	1.00%						1.6																				
46-10	46-11	0.8	12	1.00%						0.8																				
46-12	46-11	54.5	12	1.00%						54.5																				6.0
46-09	46-10	1.9	12	1.00%						1.9																				0.1
46-17	46-21	9.5	15	1.00%						9.5																				5.9
46-19	46-22	9.5	12	1.00%						9.5																				3.0
46-14	46-17	17.0	12	1.00%						17.0																				10.2
46-21	46-18	1.3	15	1.00%						1.3																				5.6
46-15	46-19	17.1	12	1.00%						17.1																				43.7
46-22	46-18	59.7	15	1.00%						59.7																				3.6
46-13	46-14	1.9	12	1.00%						1.9																				0.2
46-16	46-17	6.9	15	1.00%						6.9																				0.2
46-20	46-21	1.9	12	1.00%						1.9																				0.2
EX CB	46-20	6.4	12	1.00%																										1.3
EX P	46-20	1.3	12	2.63%																										
TOTALS					4598	1054	68	133	0	4507	988	2219	2438	1669	1748	2650	501	2467	827	53	8	314	151	66	664	555	50	374	21	19592

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

DS-37

08/10/2005 08:27:20 PM

SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)
2531+37.5	2530+00.0	RT	137.5	JOB LIMIT
2531+39.0	2530+00.0	LT	139.0	JOB LIMIT
2532+67.5	2531+41.5	RT	126.0	29-02
2532+69.0	2531+40.0	LT	129.0	29-04
2533+84.9	2532+71.5	RT	113.4	29-06
2533+94.0	2532+70.0	LT	124.0	29-08
2533+66.3	2533+94.0	LT	27.7	29-12
2535+22.5	2533+96.5	RT	126.0	29-10
2535+24.0	2533+95.0	LT	129.0	29-12
2536+52.5	2535+26.5	RT	126.0	29-15
2536+54.0	2535+25.0	LT	129.0	29-17
2537+52.5	2536+56.5	RT	96.0	30-02
2537+54.0	2536+55.0	LT	99.0	30-04
2538+52.5	2537+56.5	RT	96.0	30-06
2538+54.0	2537+55.0	LT	99.0	30-08
2539+52.5	2538+56.5	RT	96.0	30-10
2540+42.5	2539+56.5	RT	86.0	30-15
2541+64.0	2538+55.0	LT	309.0	30-12
2543+15.5	2540+46.5	RT	269.0	30-18
2543+16.5	2543+31.6	RT	15.1	31-03
2543+15.5	2541+65.0	LT	150.5	30-24
2542+59.3	2544+50.0	RT	190.7	31-07
2543+16.5	2544+50.0	LT	133.5	31-10
2544+51.8	2545+67.7	RT	116.0	31-12
2544+51.0	2545+70.0	LT	119.0	31-15
2545+71.7	2547+27.7	RT	155.9	31-17
2545+71.0	2547+30.0	LT	159.0	31-20
2547+31.7	2548+72.6	RT	141.0	32-02
2547+31.0	2548+85.0	LT	154.0	32-04
2548+76.6	2550+97.6	RT	220.9	32-06
2548+86.0	2551+00.0	LT	214.0	32-08
2551+01.6	2551+77.5	RT	76.0	32-10
2551+01.0	2551+80.0	LT	79.0	32-12
2551+81.5	2553+92.5	RT	211.0	32-14
2551+81.0	2553+83.0	LT	202.0	32-16
2553+96.5	2554+07.5	RT	11.0	33-02
2553+89.0	2554+10.0	LT	26.0	33-03
2554+11.5	2555+08.5	RT	97.0	33-05
2554+11.0	2555+23.7	LT	112.7	33-10
2555+12.5	2555+21.2	RT	8.7	33-08
2555+32.5	2555+26.2	RT	6.3	33-08
2555+87.2	2555+36.5	RT	50.7	33-12
2555+89.0	2555+23.7	LT	65.3	33-10
2556+77.5	2555+92.0	RT	85.5	33-15
2556+79.0	2555+90.0	LT	89.0	33-17
2558+22.5	2556+81.5	RT	141.0	33-19
2558+24.0	2556+80.0	LT	144.0	33-21
2560+17.5	2558+26.5	RT	191.0	33-23
2560+19.0	2558+25.0	LT	194.0	33-25
2561+60.4	2560+21.5	RT	138.9	34-02
2561+60.4	2560+20.0	LT	140.4	34-04
2561+61.4	2563+08.5	RT	147.1	34-06

SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)
2561+61.4	2563+10.0	LT	148.6	34-08
2563+12.5	2565+08.5	RT	196.0	34-11
2563+11.0	2565+10.0	LT	199.0	34-13
2565+12.5	2566+98.5	RT	186.0	35-02
2565+11.0	2567+00.0	LT	189.0	35-04
2567+02.5	2567+73.5	RT	71.0	35-06
2567+01.0	2567+86.5	LT	85.5	35-11
2567+77.5	2567+84.0	RT	6.5	35-09
2567+97.5	2567+89.0	RT	8.5	35-09
2568+37.5	2568+01.5	RT	36.0	35-13
2568+39.0	2567+86.5	LT	52.5	35-11
2570+37.5	2568+41.5	RT	196.0	35-16
2570+39.0	2568+40.0	LT	199.0	35-18
2572+42.5	2570+41.5	RT	201.0	35-21
2572+44.0	2570+40.0	LT	204.0	35-23
2574+47.3	2572+46.5	RT	200.8	36-02
2574+47.3	2572+45.0	LT	202.3	36-04
2574+48.3	2577+48.0	RT	299.7	36-10
2574+48.3	2577+15.0	LT	266.7	36-12
2577+52.8	2579+58.5	RT	205.7	37-02
2577+16.0	2579+60.0	LT	244.0	37-04
2579+62.5	2581+38.5	RT	176.0	37-07
2579+61.0	2581+40.0	LT	179.0	37-09
2581+42.5	2581+68.5	RT	26.0	37-11
2581+41.0	2581+85.0	LT	44.0	37-16
2581+72.5	2581+83.0	RT	10.5	37-14
2581+97.2	2581+87.0	RT	10.2	37-14
2583+19.0	2581+85.0	LT	134.0	37-16
2586+12.5	2584+31.5	RT	181.0	38-02
2586+14.0	2584+50.0	LT	164.0	38-04
2588+12.5	2586+16.5	RT	196.0	38-06
2588+14.0	2586+15.0	LT	199.0	38-08
2590+02.5	2588+16.5	RT	186.0	38-10
2590+04.0	2588+15.0	LT	189.0	38-12
2591+77.5	2590+06.5	RT	171.0	39-02
2591+79.0	2590+05.0	LT	174.0	39-04
2593+27.5	2591+81.5	RT	146.0	39-06
2593+29.0	2591+80.0	LT	149.0	39-08
2594+37.5	2593+31.5	RT	106.0	39-10
2594+39.0	2593+30.0	LT	109.0	39-12
2596+06.5	2594+41.5	RT	165.0	39-14
2596+06.5	2594+40.0	LT	166.5	39-16
2596+07.5	2597+68.5	RT	161.0	40-02
2596+07.5	2597+70.0	LT	162.5	40-04
2597+72.5	2598+68.5	RT	96.0	40-06
2597+71.0	2598+70.0	LT	99.0	40-08
2598+72.5	2600+18.5	RT	146.0	40-10
2598+71.0	2600+20.0	LT	149.0	40-12
2600+22.5	2602+03.5	RT	181.0	41-02
2600+21.0	2602+05.0	LT	184.0	41-04
2602+07.5	2603+98.5	RT	191.0	41-06
2602+06.0	2604+00.0	LT	194.0	41-08
2604+02.5	2605+98.5	RT	196.0	41-10

SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)
2604+01.0	2606+00.0	LT	199.0	41-12
2606+02.5	2607+28.5	RT	126.0	41-14
2606+01.0	2607+30.0	LT	129.0	41-16
2607+32.5	2608+08.5	RT	76.0	42-02
2607+31.0	2608+33.9	LT	102.9	42-06
2608+12.5	2608+31.9	RT	19.4	42-04
2608+47.5	2608+35.9	RT	11.6	42-04
2609+77.5	2608+51.5	RT	126.0	42-08
2609+79.0	2608+33.9	LT	145.1	42-06
2611+62.5	2609+81.5	RT	181.0	42-13
2611+64.0	2609+80.0	LT	184.0	42-15
2613+87.5	2611+66.5	RT	221.0	42-18
2613+89.0	2611+65.0	LT	224.0	42-20
2615+34.1	2613+91.5	RT	142.6	42-22
2615+34.1	2613+90.0	LT	144.1	42-24
2615+35.1	2617+43.5	RT	208.4	43-02
2615+35.1	2617+45.0	LT	209.9	43-04
2617+47.5	2619+63.5	RT	216.0	43-06
2617+46.0	2619+65.0	LT	219.0	43-08
2619+67.5	2621+83.5	RT	216.0	44-04
2619+66.0	2621+85.0	LT	219.0	44-06
2621+87.5	2623+01.9	RT	114.4	44-09
2621+86.0	2623+13.3	LT	127.3	44-14
2623+27.2	2623+14.8	RT	12.3	44-12
2624+27.5	2623+32.0	RT	95.5	44-15
2624+29.0	2623+13.3	LT	115.7	44-14
2625+09.0	2624+30.0	LT	79.0	44-20
2626+47.5	2624+31.5	RT	216.0	44-18
2626+49.0	2625+10.0	LT	139.0	44-21
2628+90.7	2626+51.5	RT	239.2	45-02
2628+90.7	2626+50.0	LT	240.7	45-04
2628+91.7	2630+93.5	RT	201.8	45-06
2628+91.7	2630+95.0	LT	203.3	45-08
2630+97.5	2632+58.5	RT	161.0	46-02
2630+96.0	2632+60.0	LT	164.0	46-04
2632+62.5	2634+03.5	RT	141.0	46-06
2632+61.0	2634+05.0	LT	144.0	46-08
2634+07.5	2635+33.0	RT	125.5	46-10
2634+06.0	2635+35.0	LT	129.0	46-12
2635+37.8	2636+28.0	RT	90.2	46-14
2635+36.0	2636+51.0	LT	115.0	46-19
2636+32.8	2636+49.0	RT	16.2	46-17
2636+62.2	2636+53.0	RT	9.2	46-17
2637+47.0	2636+67.0	RT	80.0	46-21
2637+48.5	2636+51.0	LT	97.5	46-19
TOTALS:				49364
				748

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

62300

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

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

DRAWN BY: JAM
CHECKED BY: DDM

DS-39
08/10/2005

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

TABLE OF PIPE UNDERDRAIN ELEVATIONS

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

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

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

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

SCHEDULE OF PIPE UNDERDRAIN 12"

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

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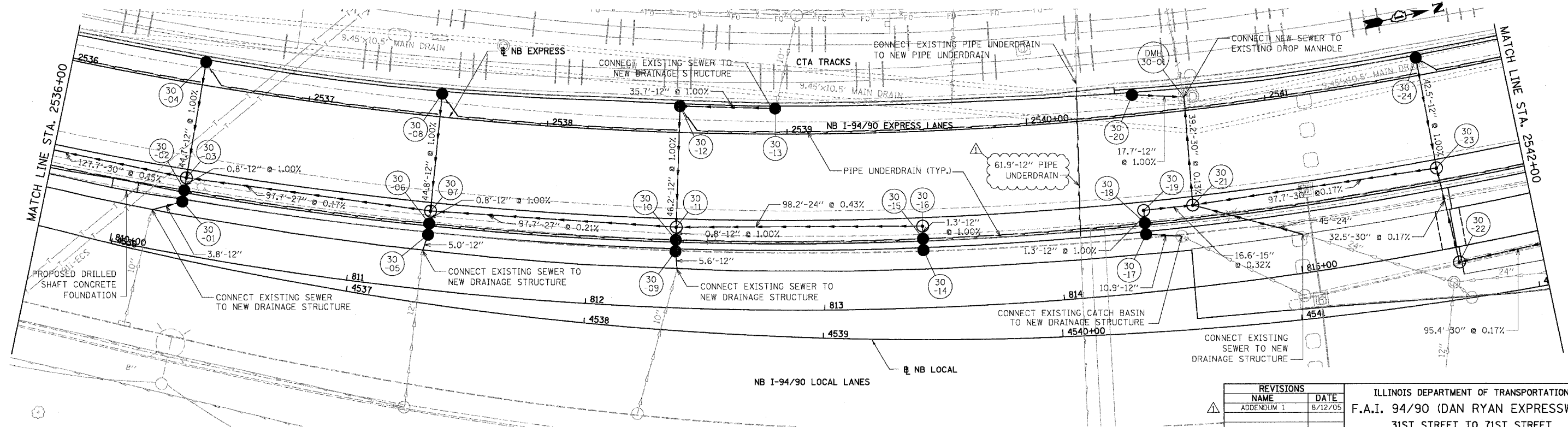
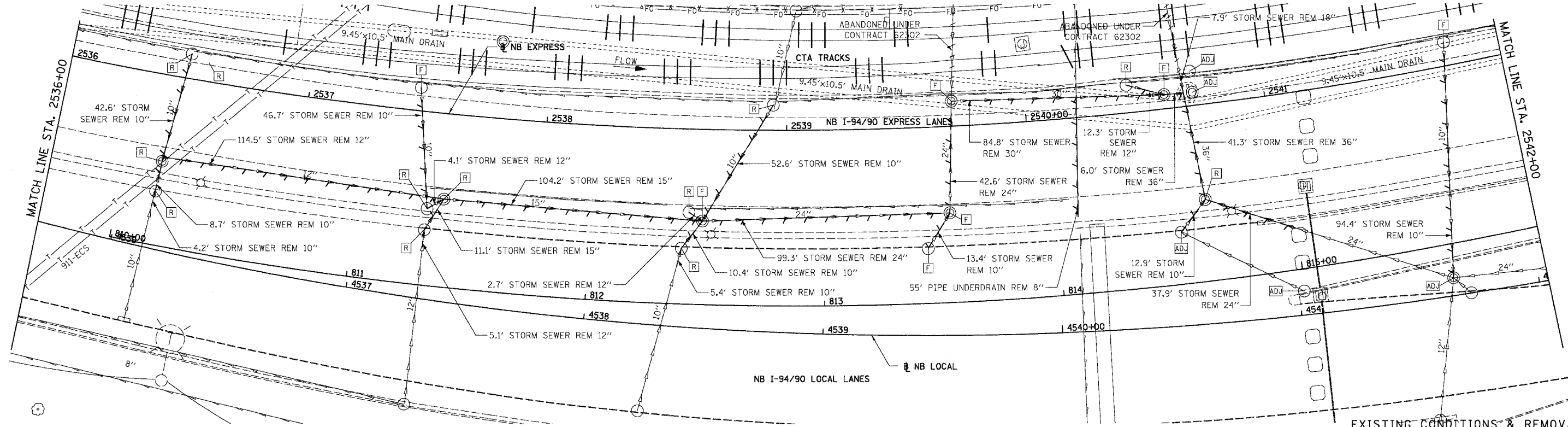
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

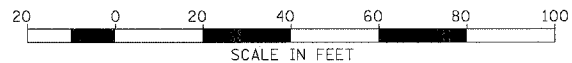
DS-40

08/10/2005 08:29:45 PM

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



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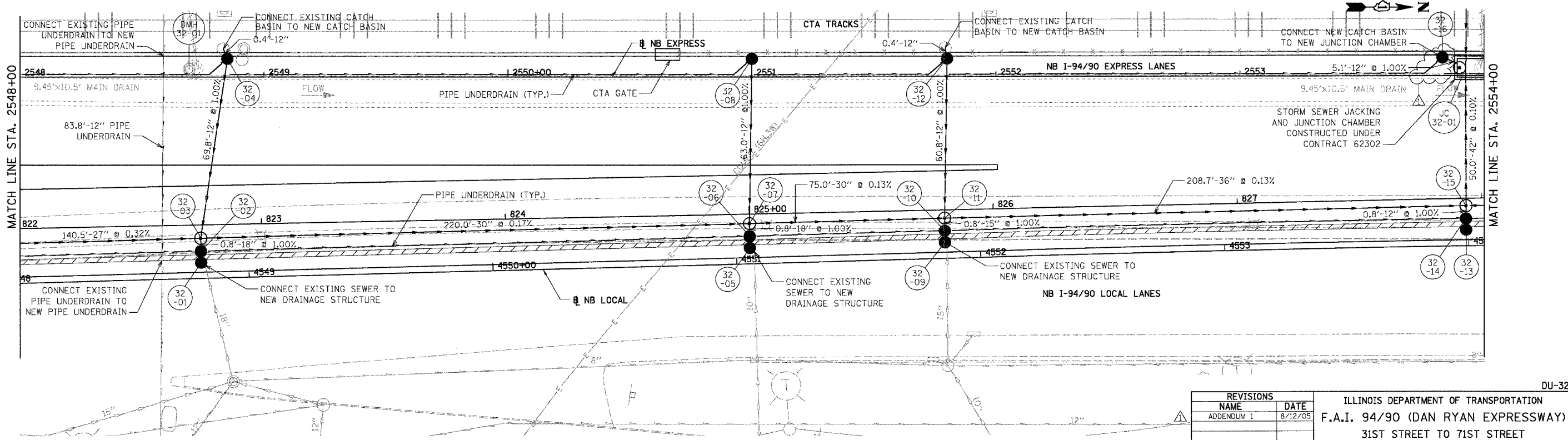
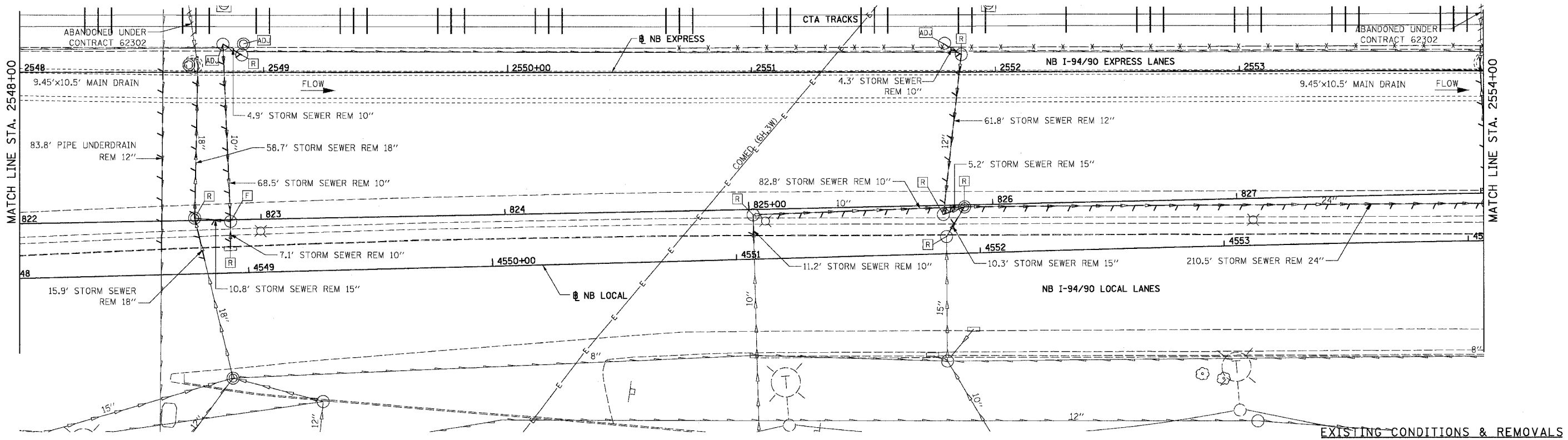


REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

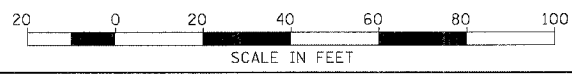
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
NORTHBOUND STA. 2536+00 TO STA. 2542+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: JAM
CHECKED BY: DDM

DU-30
08/10/2005 08:37:27 PM

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



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PROPOSED CONDITIONS

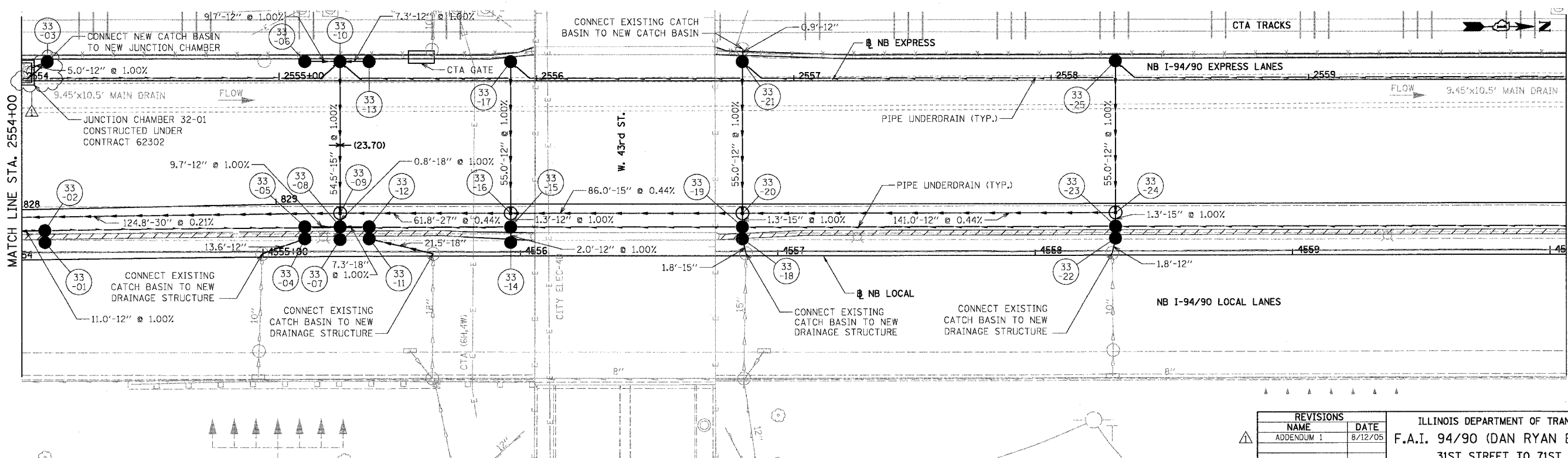
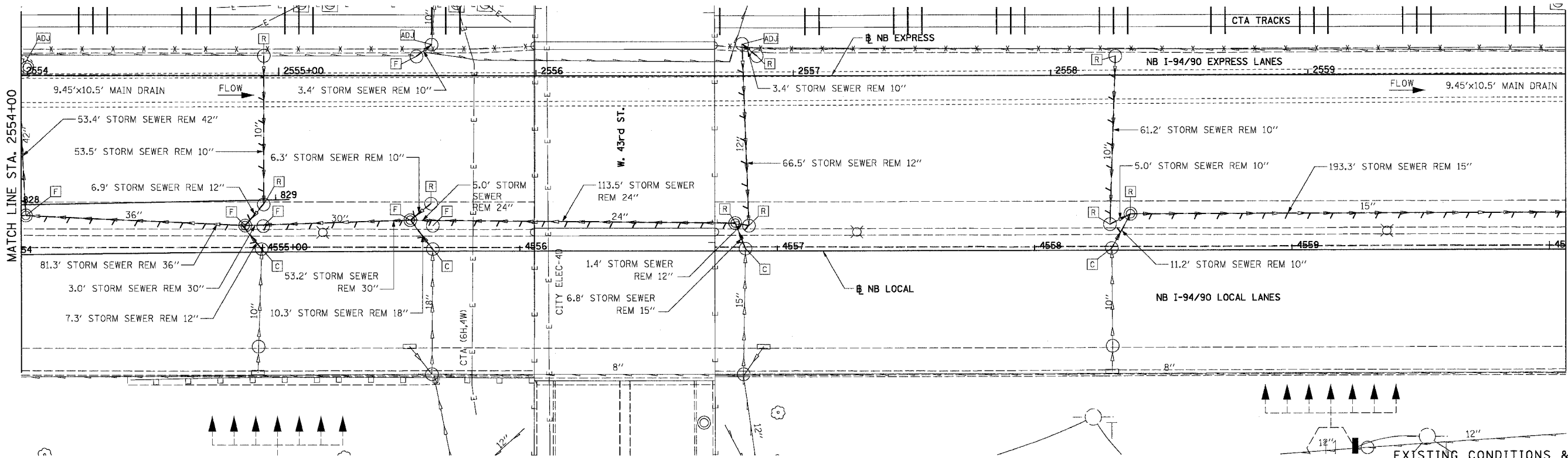
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

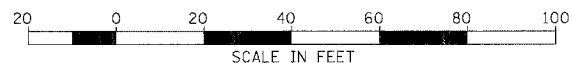
DU-32

08/06/07 PM 08/10/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	189
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		11818, ETC, 2324.6-IPR-8		



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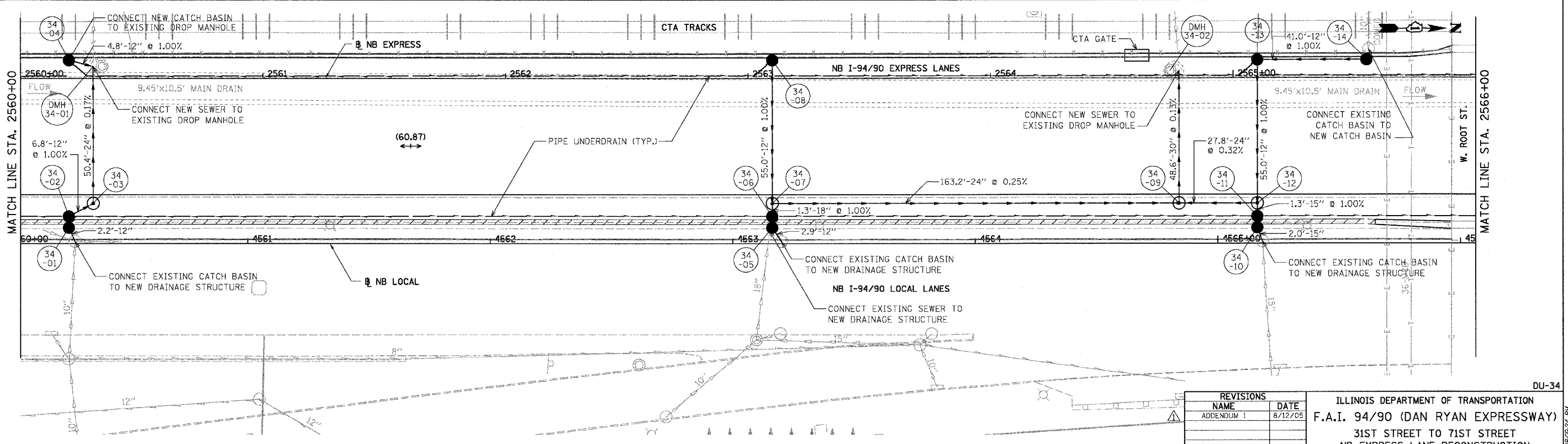
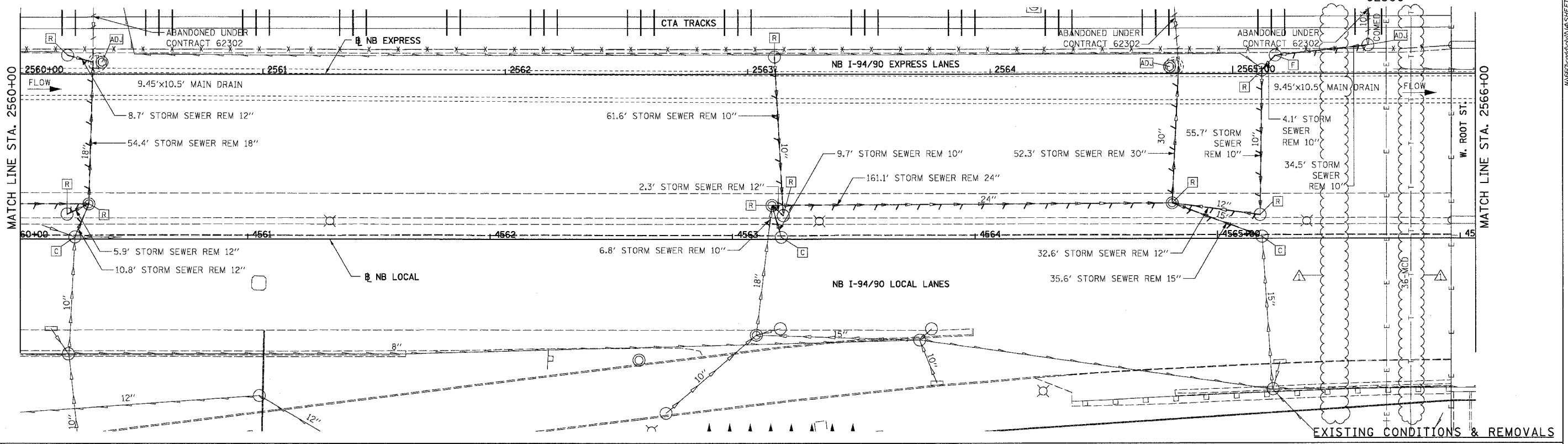
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

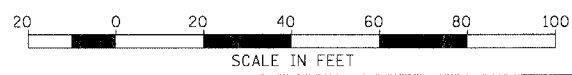
DU-33

08/10/2005 08:08:47 PM

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



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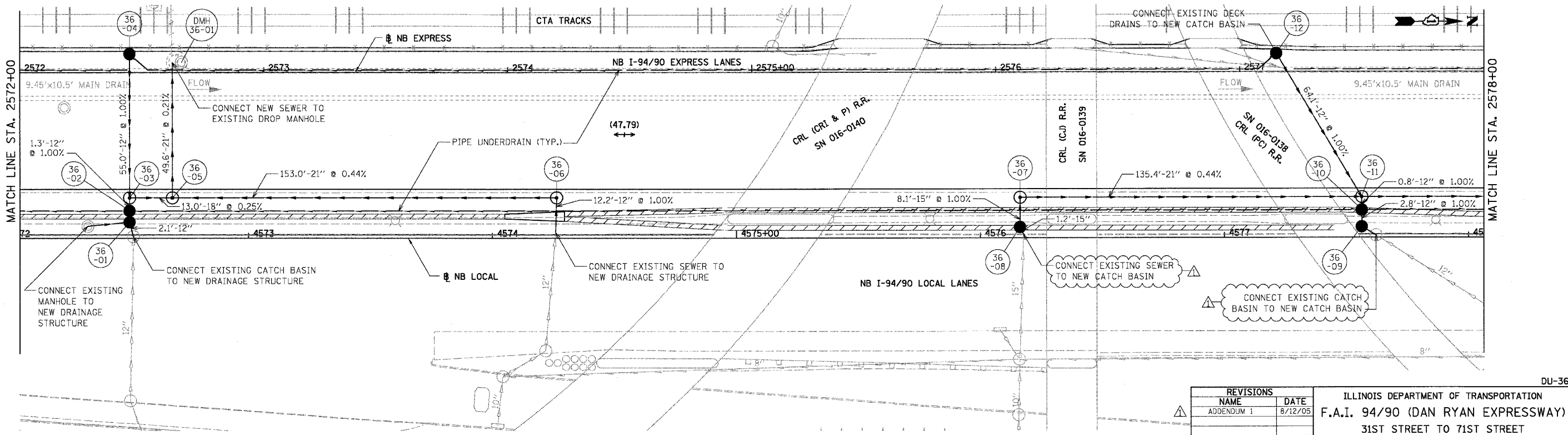
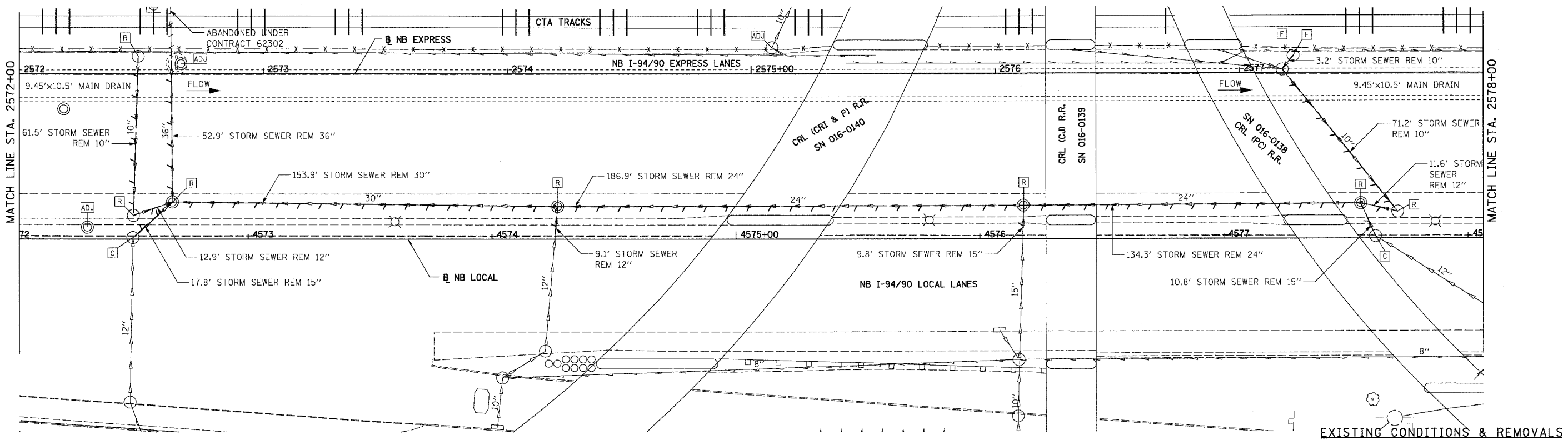
PROPOSED CONDITIONS

REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

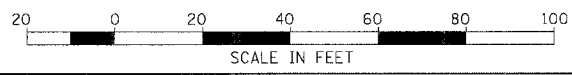
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
NORTHBOUND STA. 2560+00 TO STA. 2566+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: JAM
CHECKED BY: DDM

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

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



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PROPOSED CONDITIONS

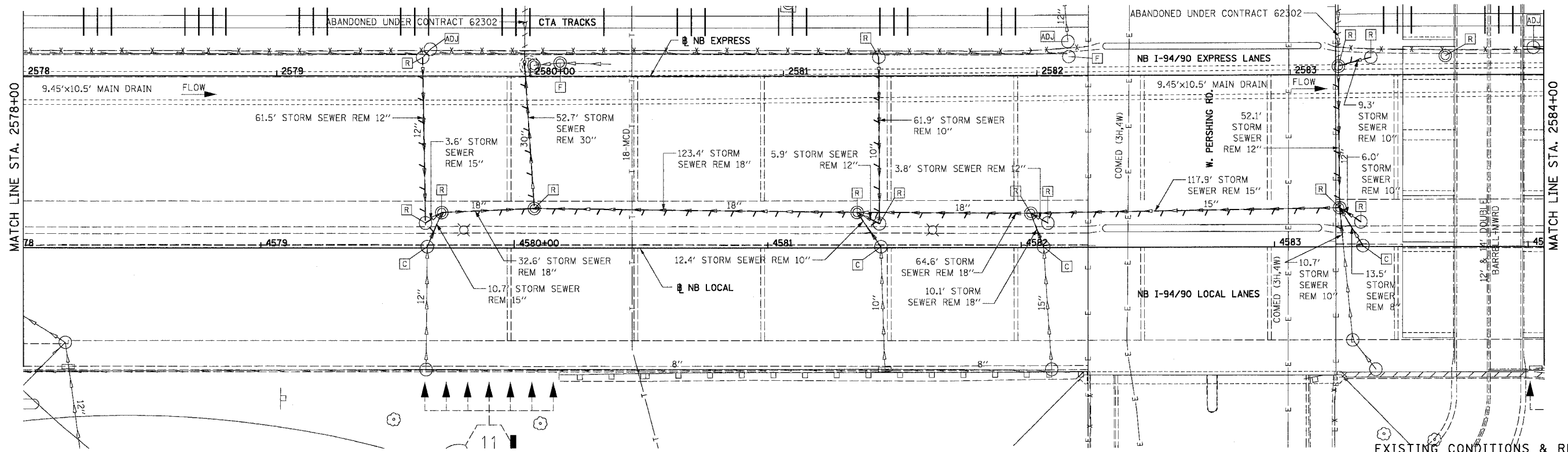
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

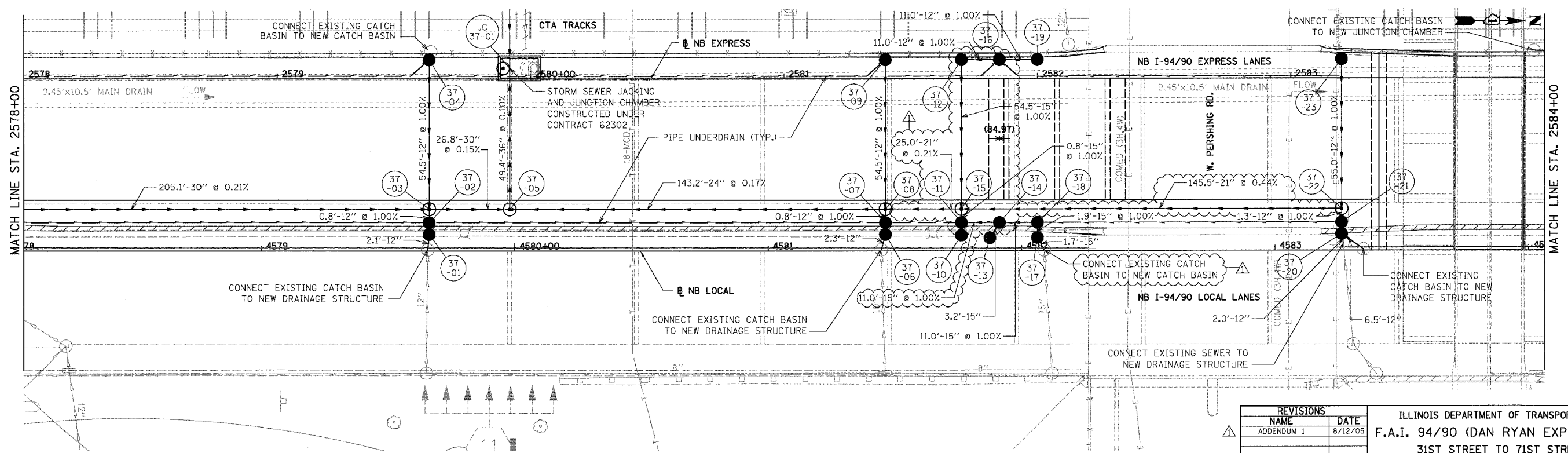
DU-36

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

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

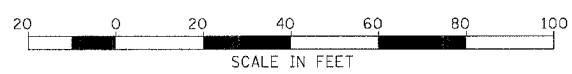


EXISTING CONDITIONS & REMOVALS



DU-37

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PROPOSED CONDITIONS

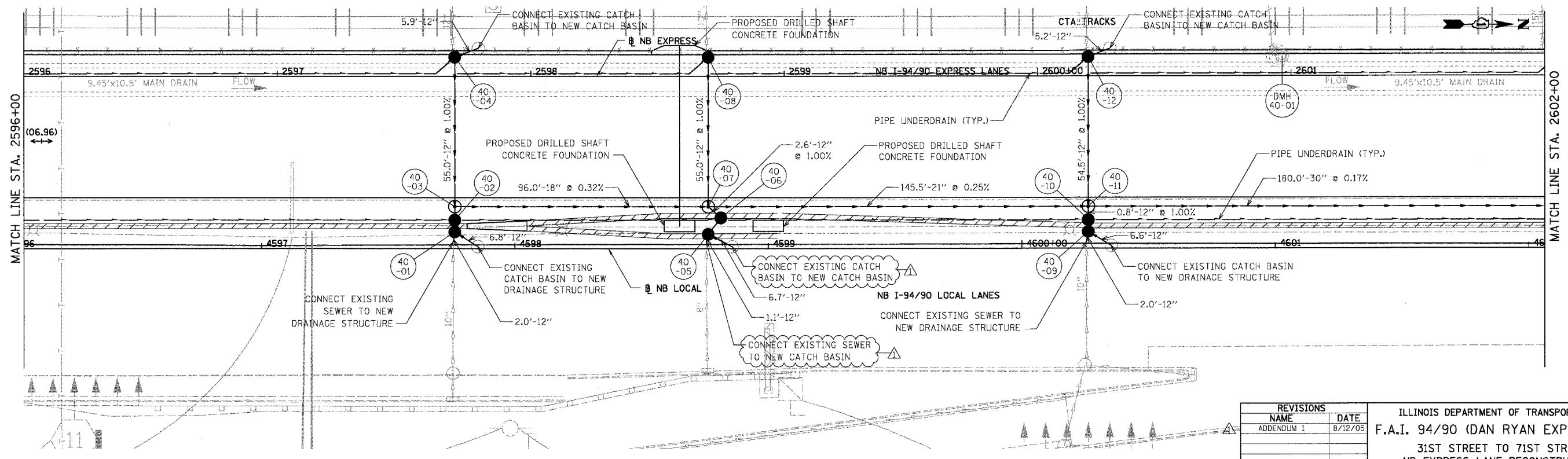
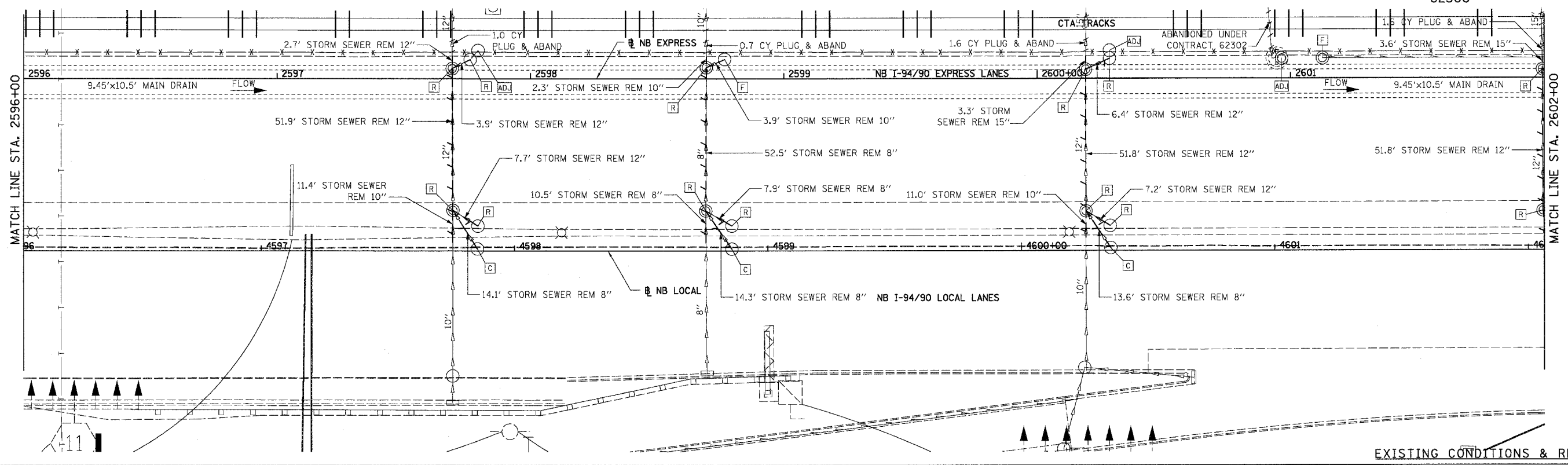
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
NORTHBOUND STA. 2578+00 TO STA. 2584+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: JAM
CHECKED BY: DDM

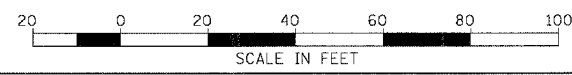
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	196
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		• (1818, ETC, 2324.6-1PR-8		

62300



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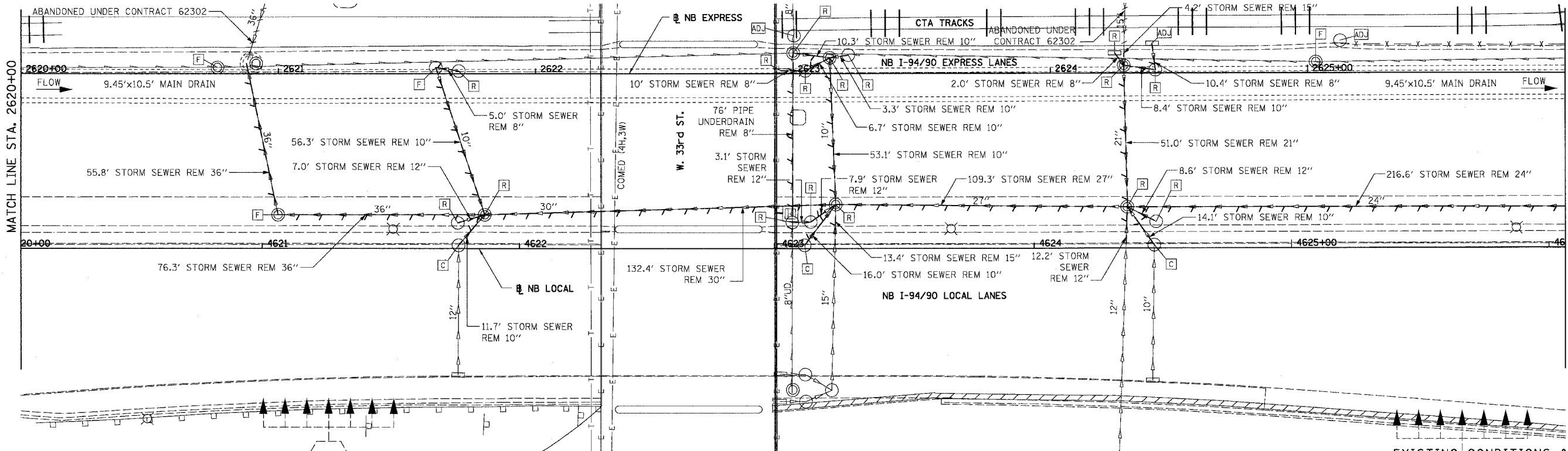


REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

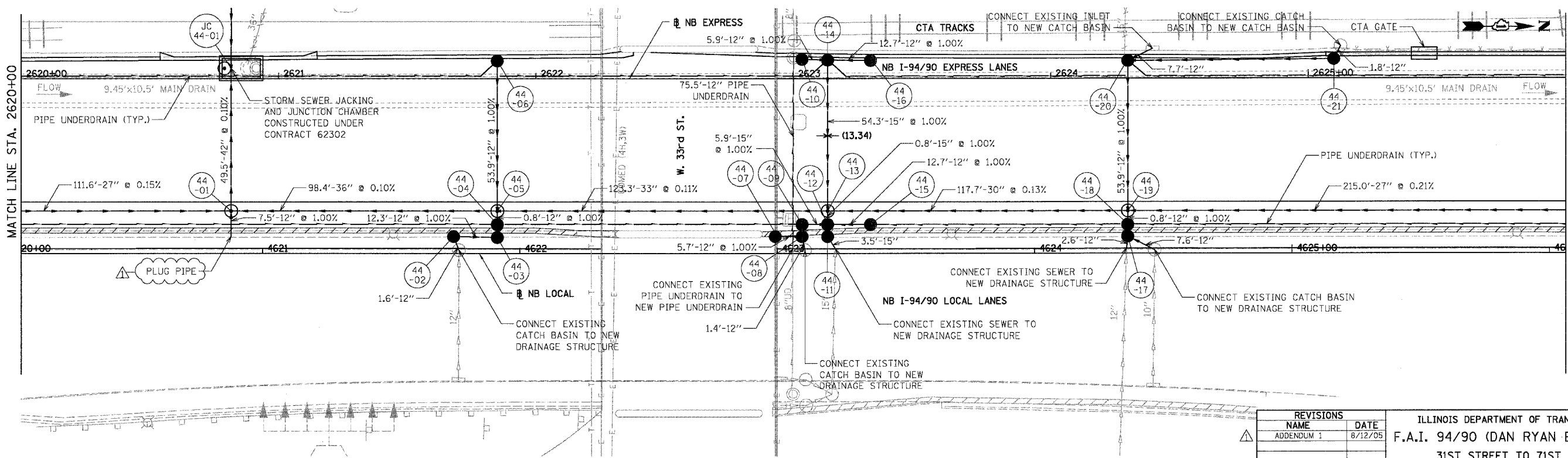
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
NORTHBOUND STA. 2596+00 TO STA. 2602+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: JAM
CHECKED BY: DDM

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

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	200
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		1818, ETC, 2324.6-1P/R-8		



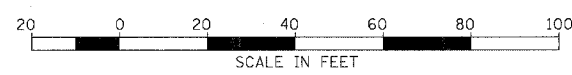
EXISTING CONDITIONS & REMOVALS



DU-44

REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 NORTHBOUND STA. 2620+00 TO STA. 2626+00
 SCALE: 1"=20'
 DATE: 07/07/05
 DRAWN BY: JAM
 CHECKED BY: DDM

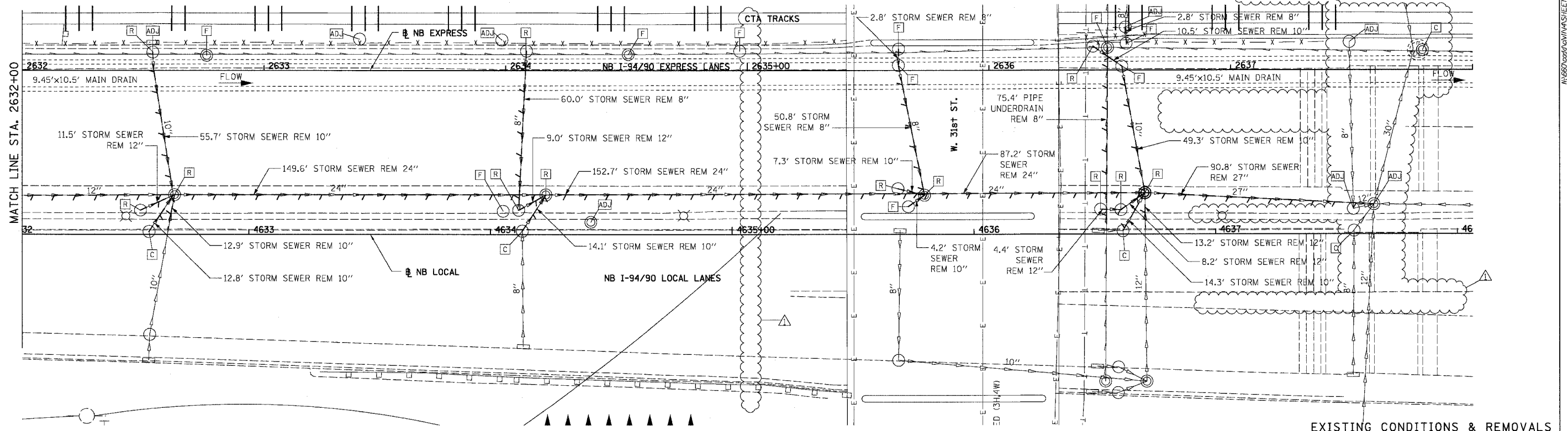


PROPOSED CONDITIONS

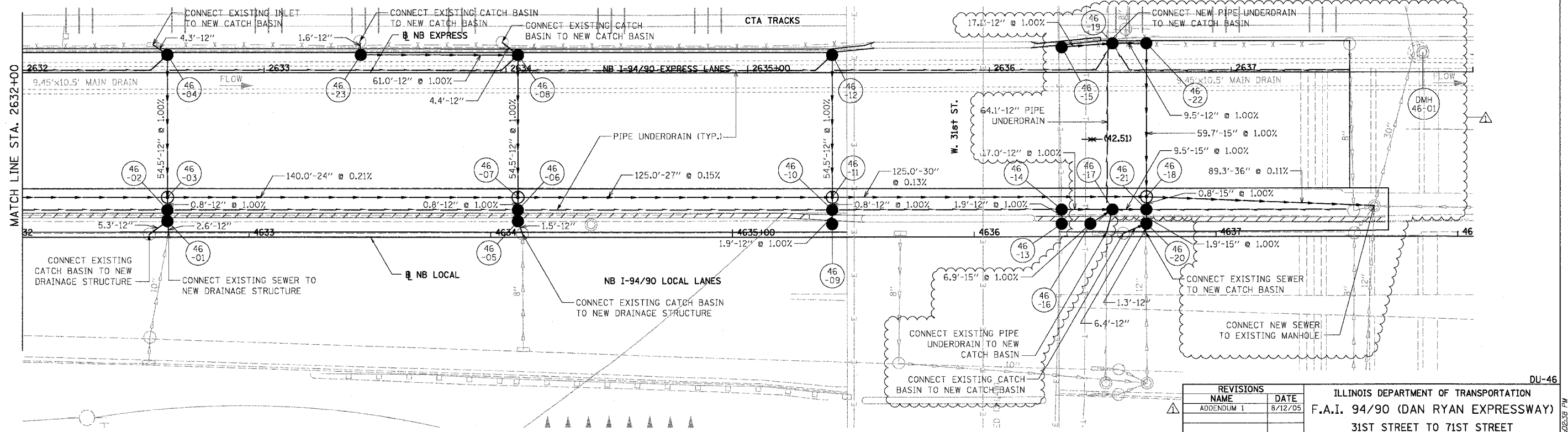
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08/07/2005 08:04:53 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	202
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
	• (B18, ETC, 2324.6-1P1R-8			

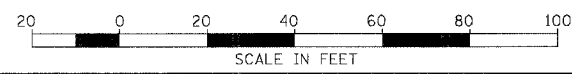


EXISTING CONDITIONS & REMOVALS



PROPOSED CONDITIONS

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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

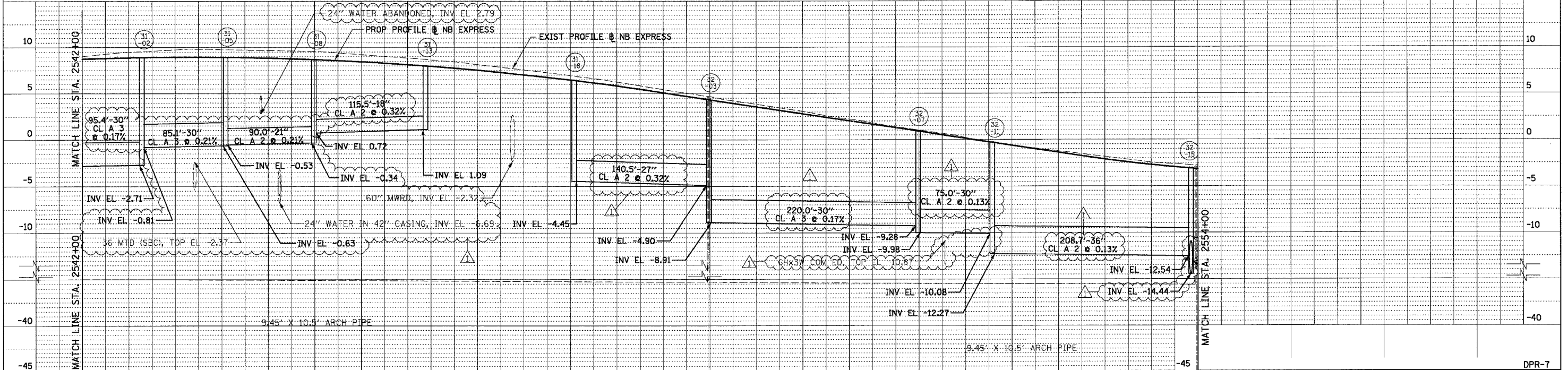
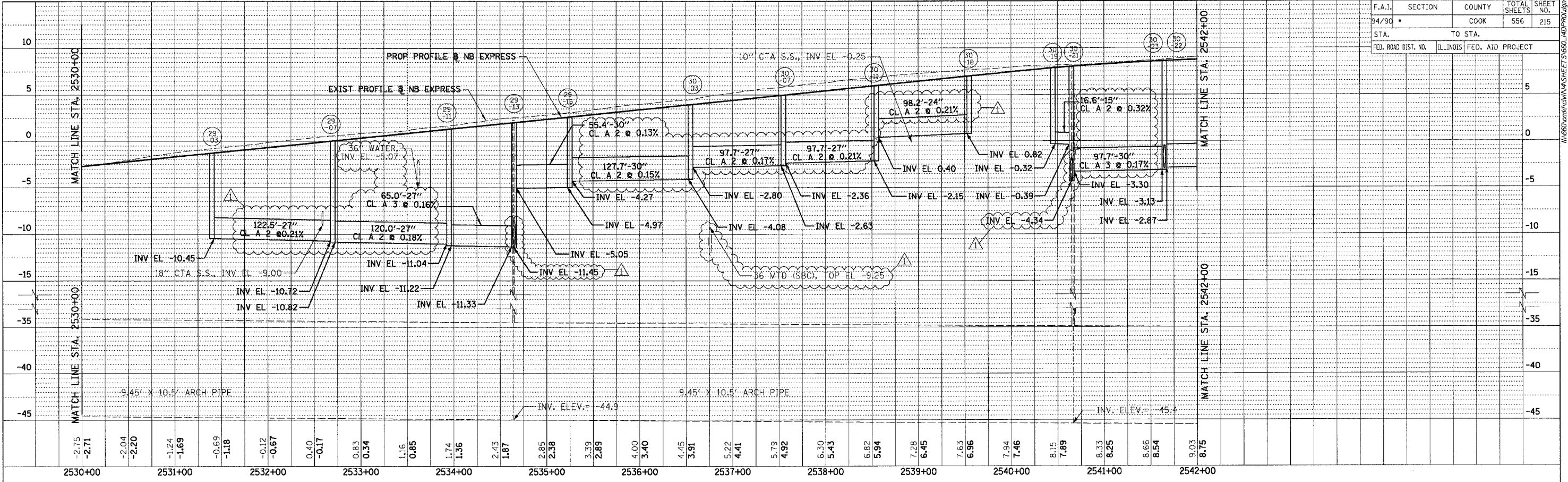
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
NORTHBOUND STA. 2632+00 TO STA. 2638+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: JAM
CHECKED BY: DDM

DU-46
08/10/2005

F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	556	215
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

PLAN	DATE
REVISIONS	BY
NOTED	
ALIGNED	
CHECKED	
NO. CAD FILE NAME	

PLAN	DATE
REVISIONS	BY
NOTED	
ALIGNED	
CHECKED	
NO. CAD FILE NAME	



9.03	8.75	9.48	8.88	9.74	8.95	9.76	8.93	9.67	8.84	9.58	8.68	9.21	8.44	8.86	8.13	8.46	7.75	7.85	7.28	7.27	6.75	6.62	6.14	5.83	5.45	5.05	4.70	4.22	3.94	3.46	3.18	2.59	2.42	1.79	1.66	1.01	0.90	0.23	0.14	-0.61	-0.61	-1.23	-1.37	-1.84	-2.11	-2.46	-2.71	-2.79								
2542+00		2543+00		2544+00		2545+00		2546+00		2547+00		2548+00		2549+00		2550+00		2551+00		2552+00		2553+00		2554+00		2555+00		2556+00		2557+00		2558+00		2559+00		2560+00		2561+00		2562+00		2563+00		2564+00		2565+00		2566+00		2567+00		2568+00		2569+00		2570+00

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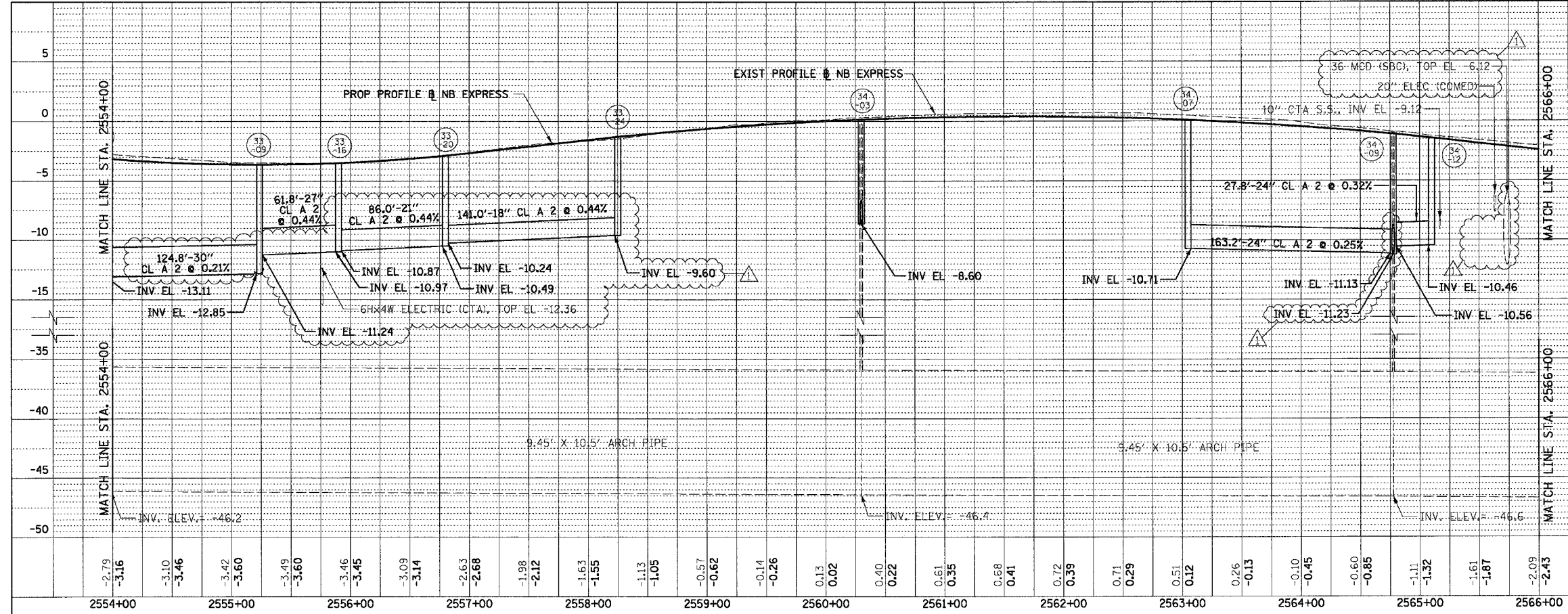
REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
PROPOSED DRAINAGE PROFILE
NORTHBOUND STA. 2530+00 TO STA. 2554+00
SCALE: 1"=25' VERT
1"=50' HORIZ
DATE: 07/07/05
DRAWN BY: JAM
CHECKED BY: DDM

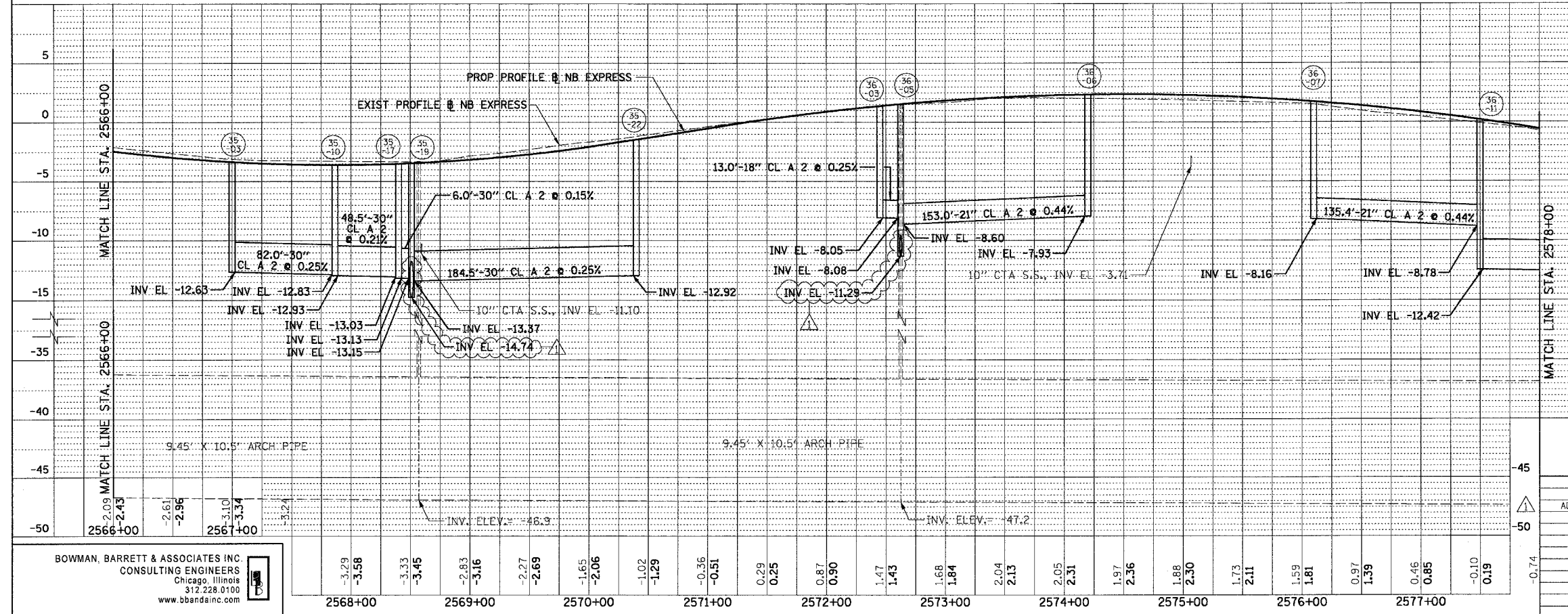
DPR-7
08/17/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	COOK	556	216
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
NO.	NO.		
NOTE BOOK	PLotted		
NO.	BY		
	DATE		



PLAN	SURVEYED	BY	DATE
NO.	NO.		
NOTE BOOK	PLotted		
NO.	BY		
	DATE		



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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 PROPOSED DRAINAGE PROFILE
 NORTHBOUND STA. 2554+00 TO STA. 2578+00

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

DRAWN BY: JAM
 CHECKED BY: DDM

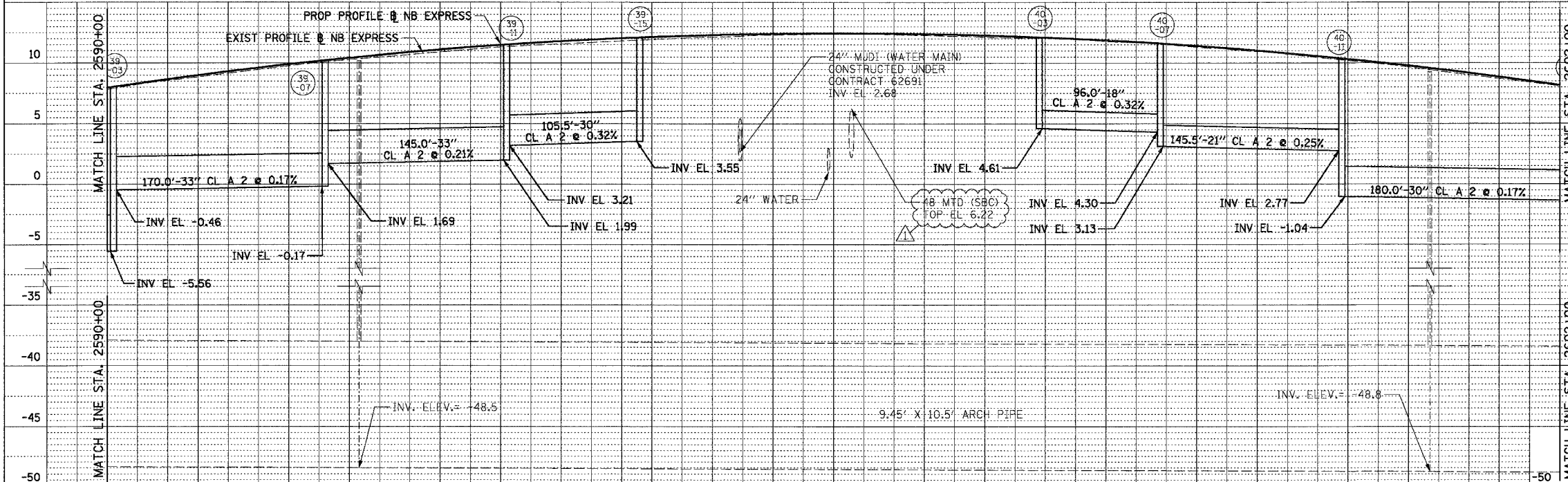
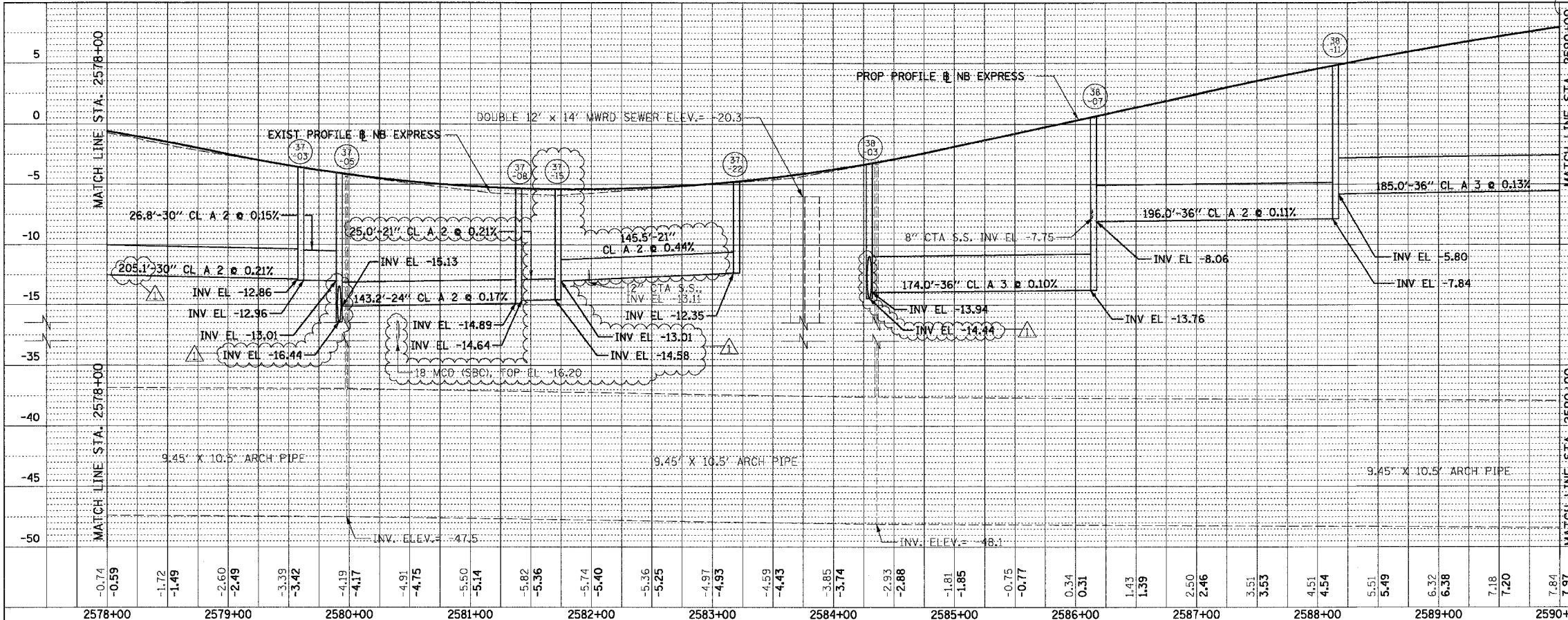
10/10/05

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	217

STATION	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

PLAN	REVISIONS	DATE
	NOTED	
	PLOTTED	
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
	NO.	

PLAN	REVISIONS	DATE
	NOTED	
	PLOTTED	
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
	NO.	



REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
PROPOSED DRAINAGE PROFILE
NORTHBOUND STA. 2578+00 TO STA. 2602+00

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

DRAWN BY: JAM
CHECKED BY: DDM

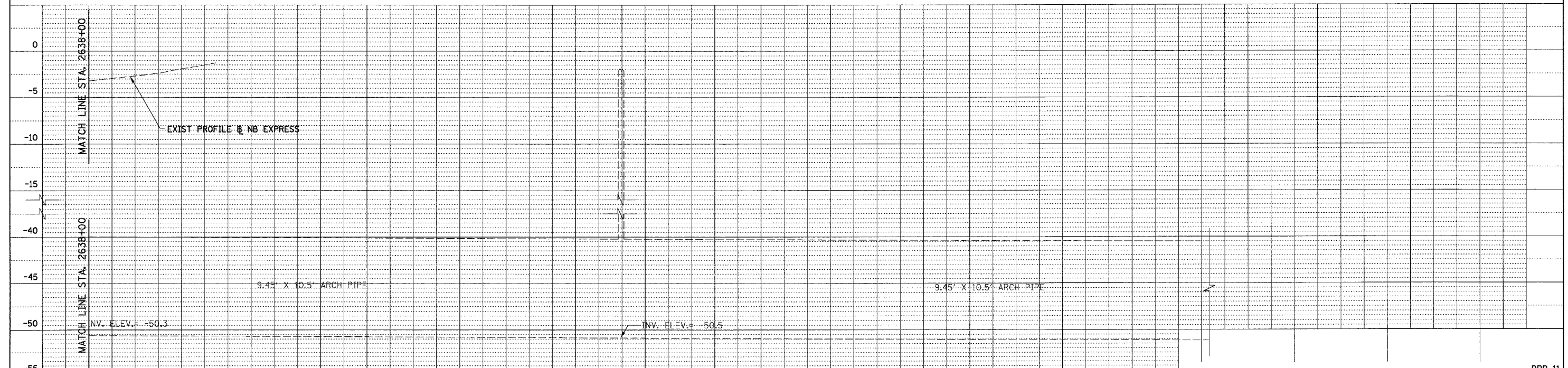
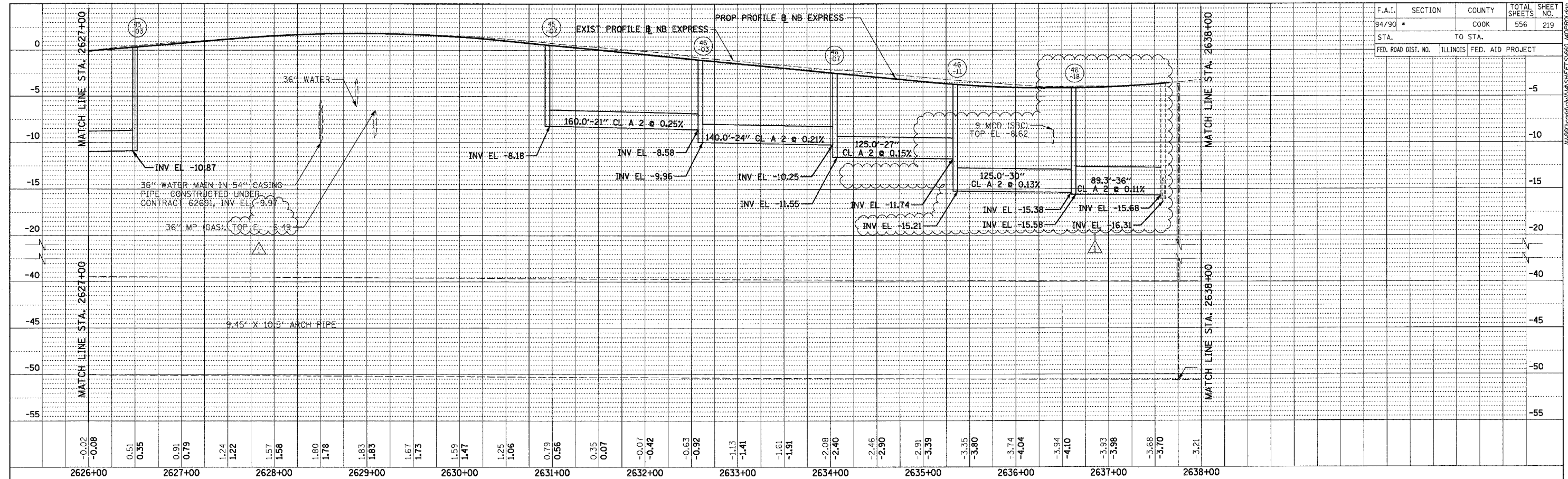
DPR-9

11/11/2005 08:23:59 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	219
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NOTE BOOK		
	NO.		
	CADD FILE NAME		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NOTE BOOK		
	NO.		
	CADD FILE NAME		



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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

DPR-11

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
PROPOSED DRAINAGE PROFILE
NORTHBOUND STA. 2626+00 TO STA.

SCALE: 1/2"=25' VERT
1/4"=50' HORIZ

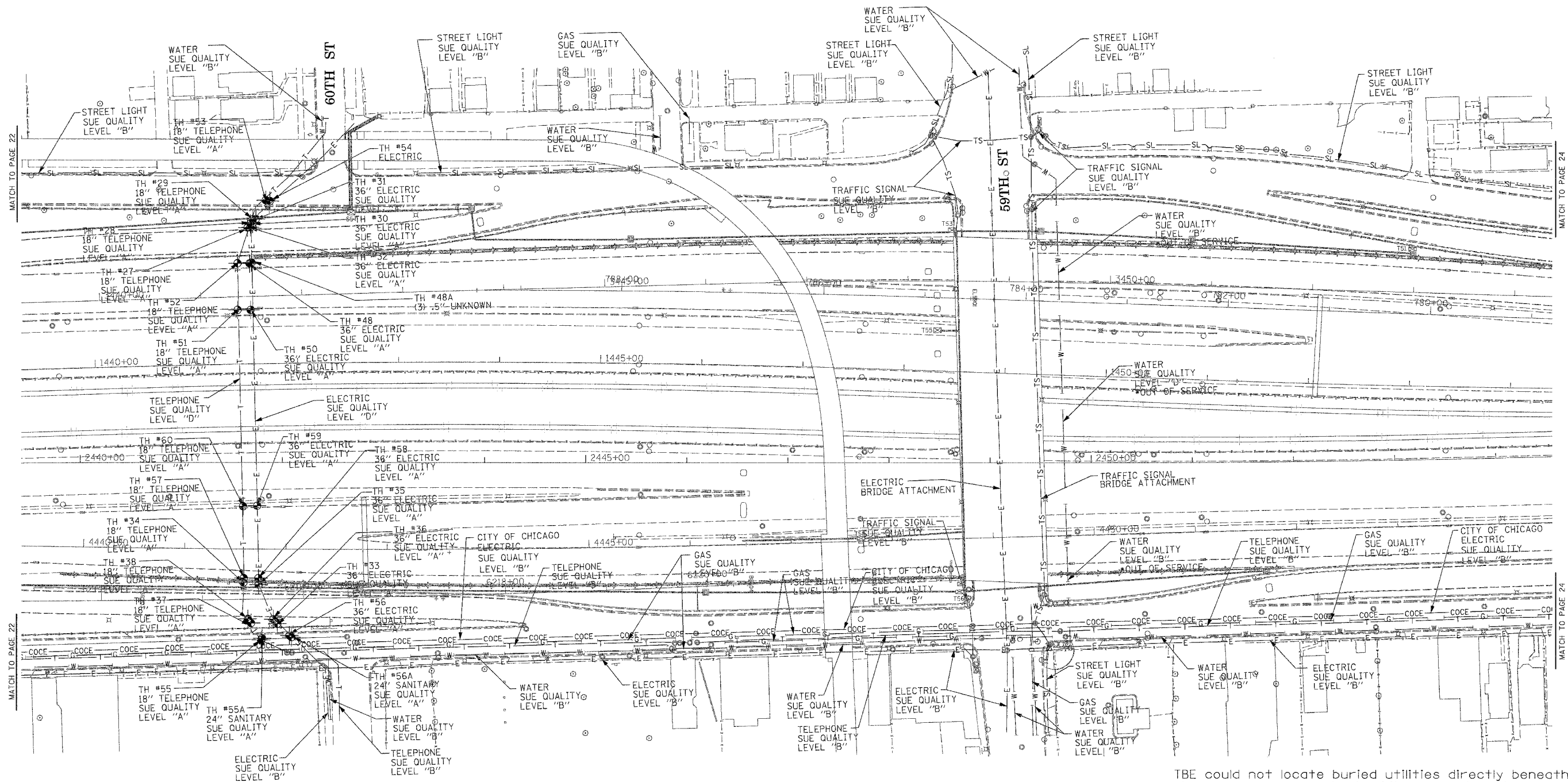
DATE: 07/07/05

DRAWN BY: JAM
CHECKED BY: DDM

R:\62000\94\90\IPR\ASHEETS\62300.dwg

7/23/2005 7:53:26 AM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516.1, 1717 & 1818-6	Cook	550	226
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.



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 * 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: *Sandra L. ...*
 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

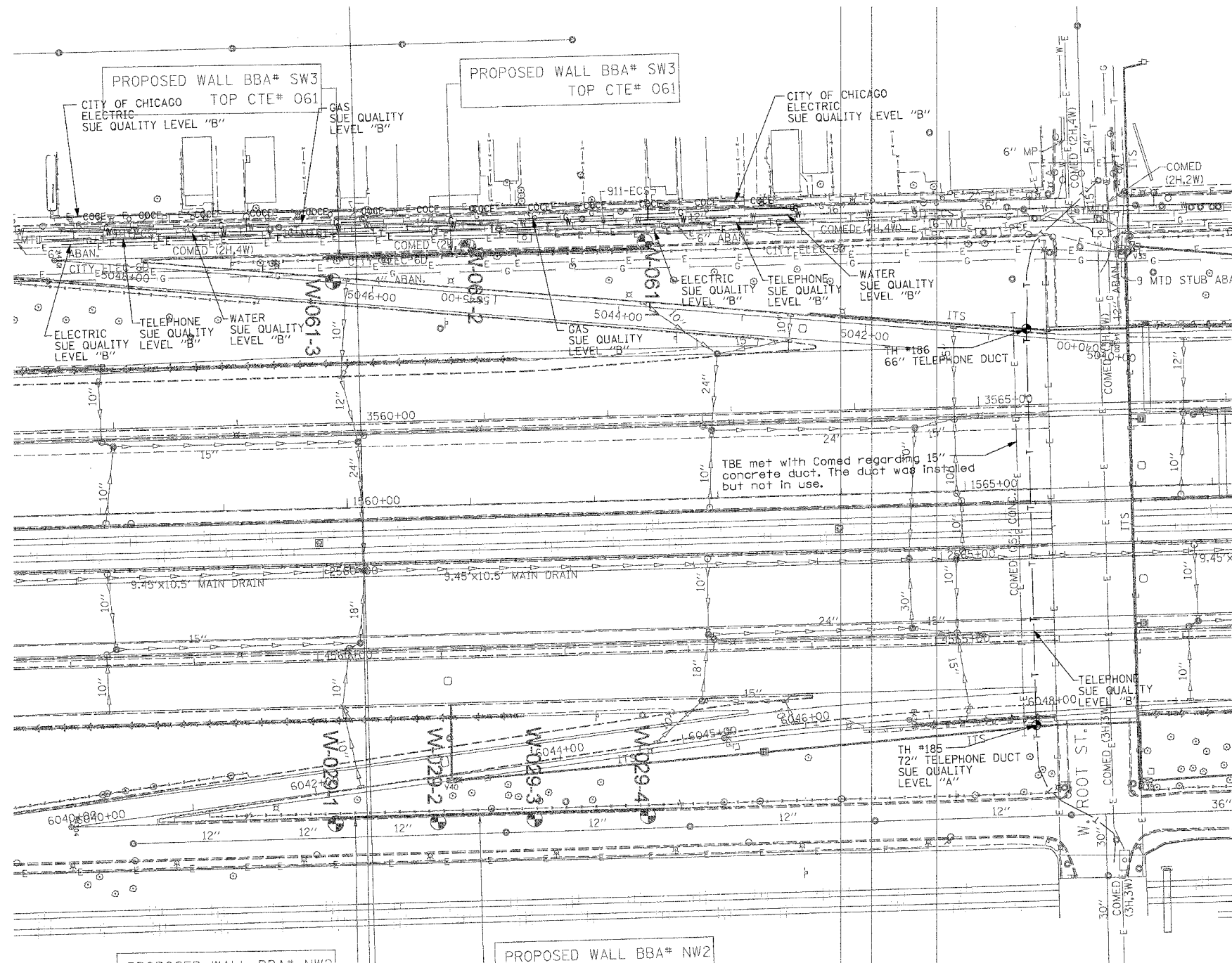
Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

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 89th Street
 Contract Numbers: 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.
(1516,1717 & 1818)-6		Cook	554	235
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205,
 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232, 238

TBE SUE PAGE NO: 32 of 36

Checked by: *Sandra Amador*

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

PROPOSED WALL BBA# NW2

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.



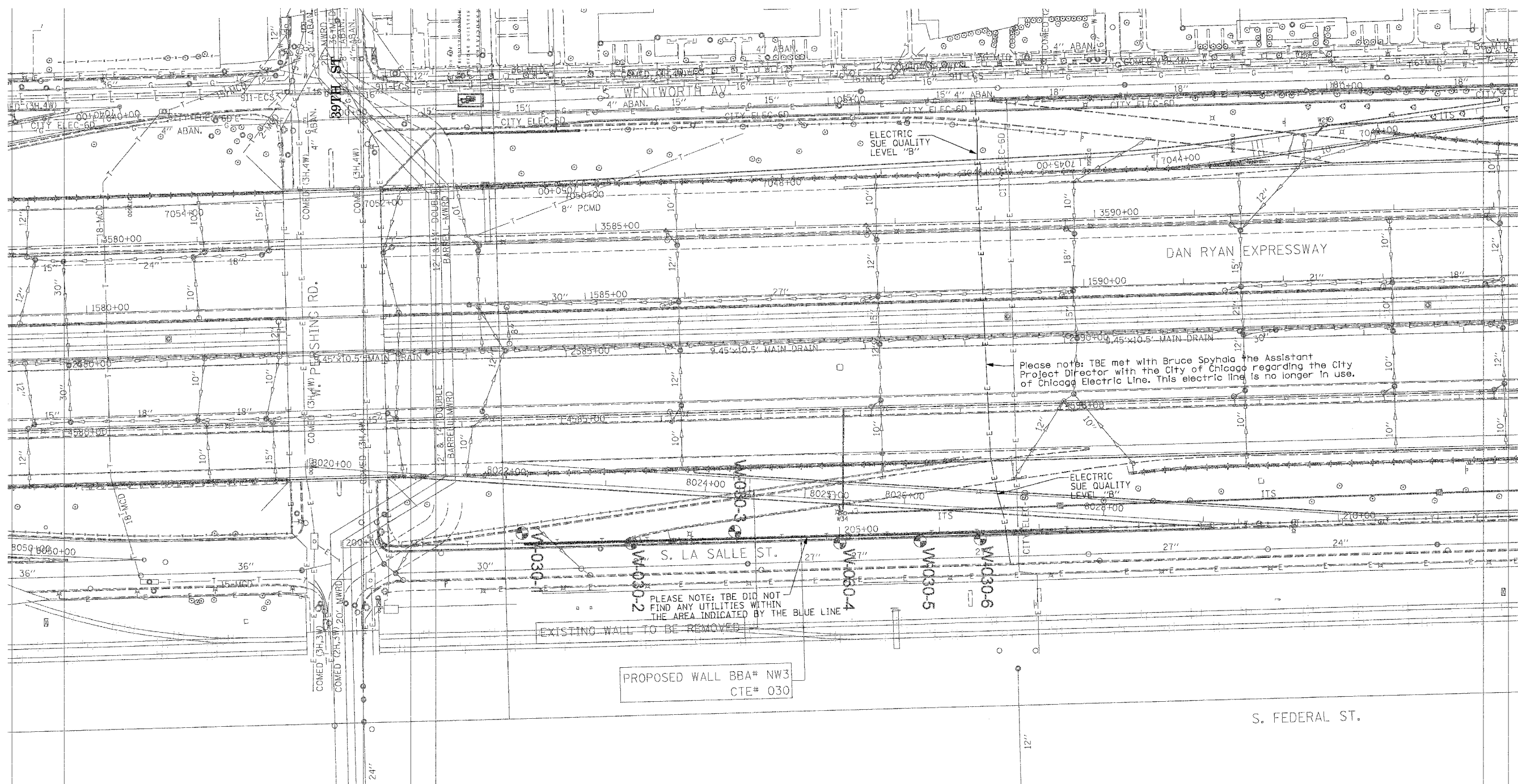
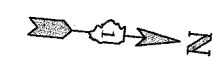
205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

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
 1-57. to 69th Street
 Contract Number: 62590, 62592, 62594,
 62300, 62302
 SQL "A" DATE : 6/28/05
 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	556	236
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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

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


PROPOSED WALL BBA# NW3
CTE# 030

TBE GROUP, INC.
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 SOUTHERN REGION: FL, GA, SC, NC
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 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA
 IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232
 TBE SUE PAGE NO: 33 of 36
 Checked by: *Sandra D. PE*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

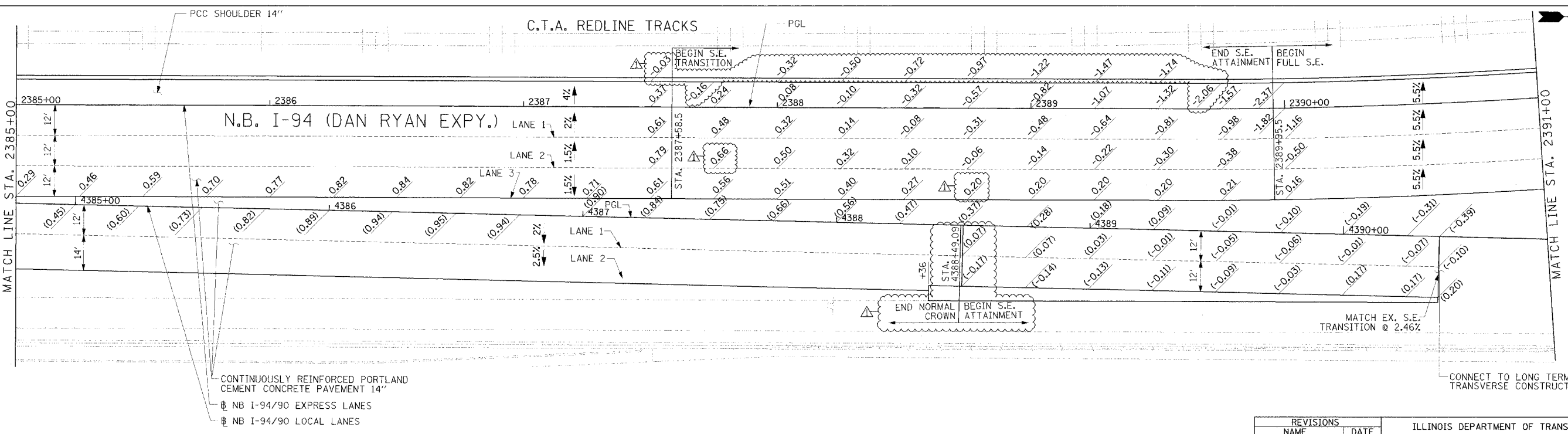
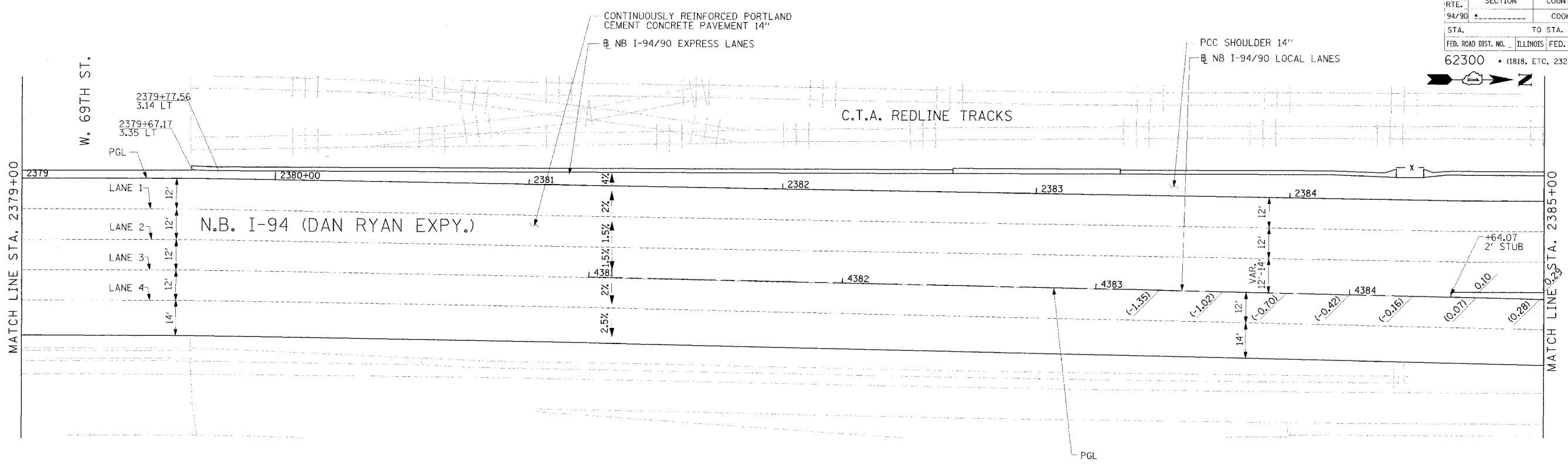
— TS —	— TS —	TRAFFIC SIGNAL
— SL —	— SL —	STREET LIGHT
— COCE —		CITY OF CHICAGO ELECTRIC
— T —	— T —	TELEPHONE
— W —	— W —	WATER
— G —	— G —	GAS
— CTV —	— CTV —	CABLE TELEVISION
— FO —	— FO —	FIBER OPTIC
— E —	— E —	ELECTRIC
●	●	TEST HOLE

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.

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

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	245
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		1818, ETC, 2324.6-IPR-8		



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 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

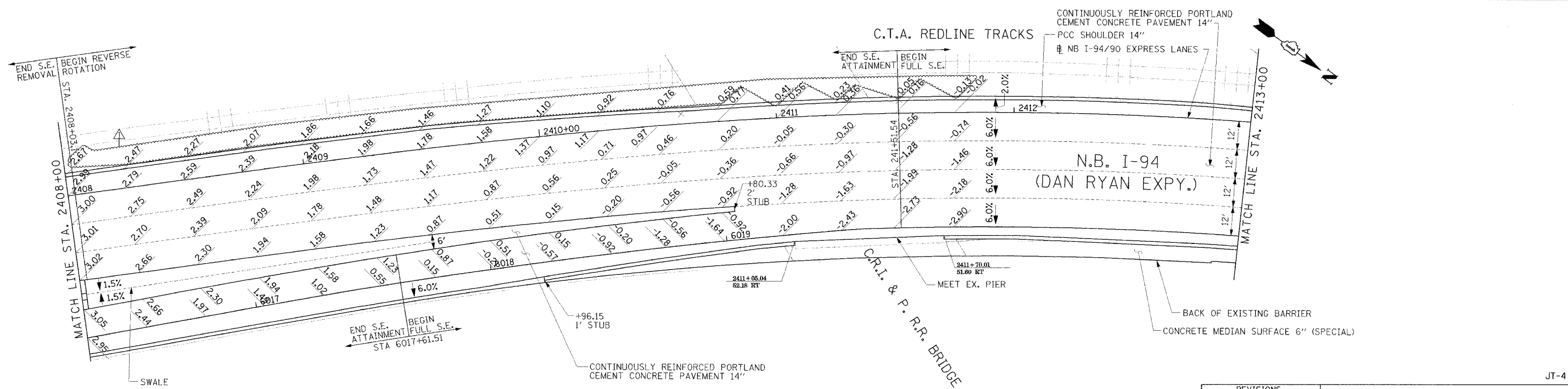
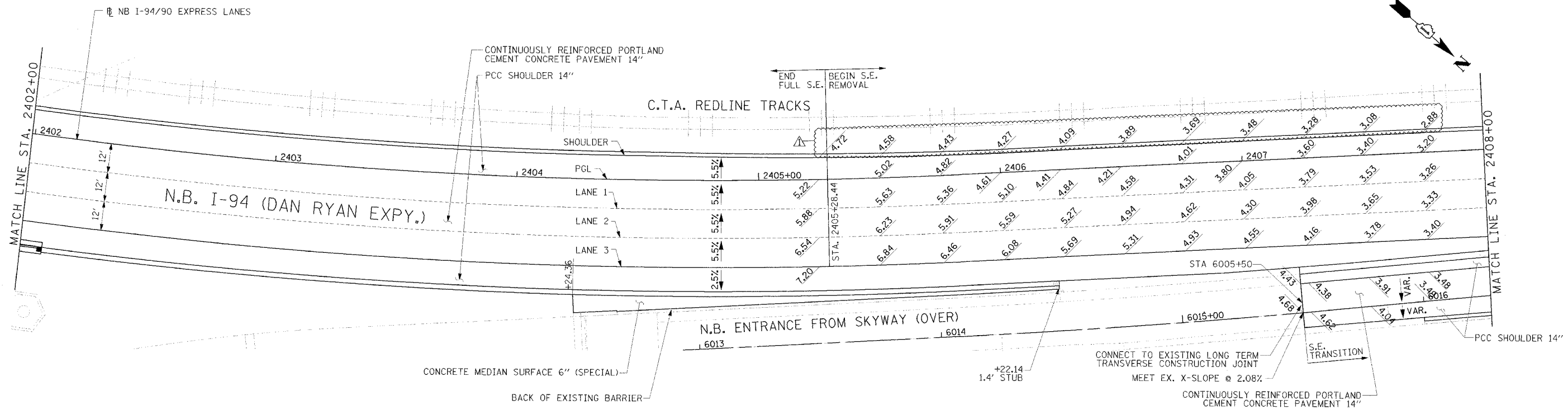
NOTE:
 1. PAVEMENT ELEVATIONS ALONG RAMPS, GORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

REVISIONS	
NAME	DATE
APPENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 PAVEMENT JOINTING AND ELEVATION PLAN
 NORTHBOUND STA. 2379+00 TO STA. 2391+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

JT-2
 08/09/2005 04:59:11 PM

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



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 WEB: WWW.EDKORP.COM

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

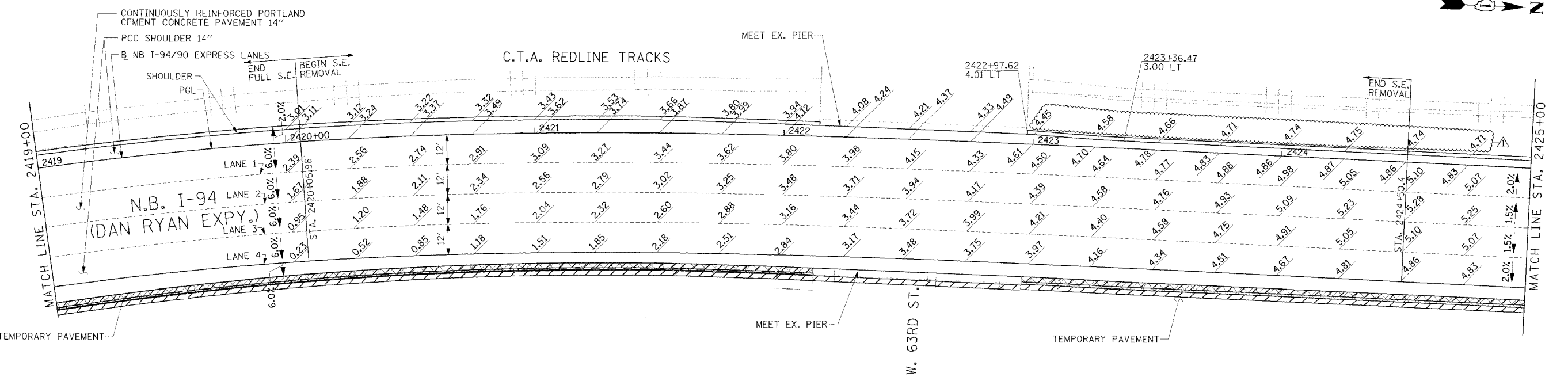
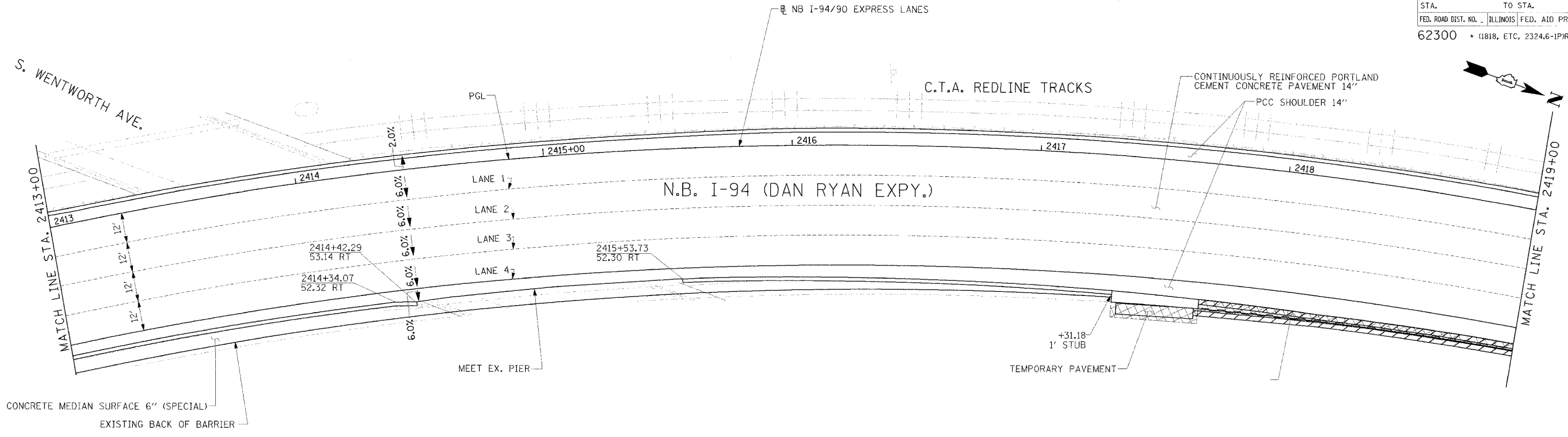
NOTE:
 1. PAVEMENT ELEVATIONS ALONG RAMPS, GORES AND IN AREAS OF SUPERELEVATION TRANSITION ARE PROVIDED AT 25' INTERVALS. FOR ALL OTHER ELEVATIONS, REFER TO PROFILE AND TYPICAL SECTIONS.

REVISIONS	
NAME	DATE
ADDENDUM I	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 PAVEMENT JOINTING AND ELEVATION PLAN
 NORTHBOUND STA. 2402+00 TO STA. 2413+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

JT-4
 08/11/2005 02:30:12 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	248
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62300	11818, ETC. 2324.6-IPR-8			



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 FAX: (312) 251-3015
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LEGEND
 [###] ELEVATION STATIONED OFF OF NB 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.

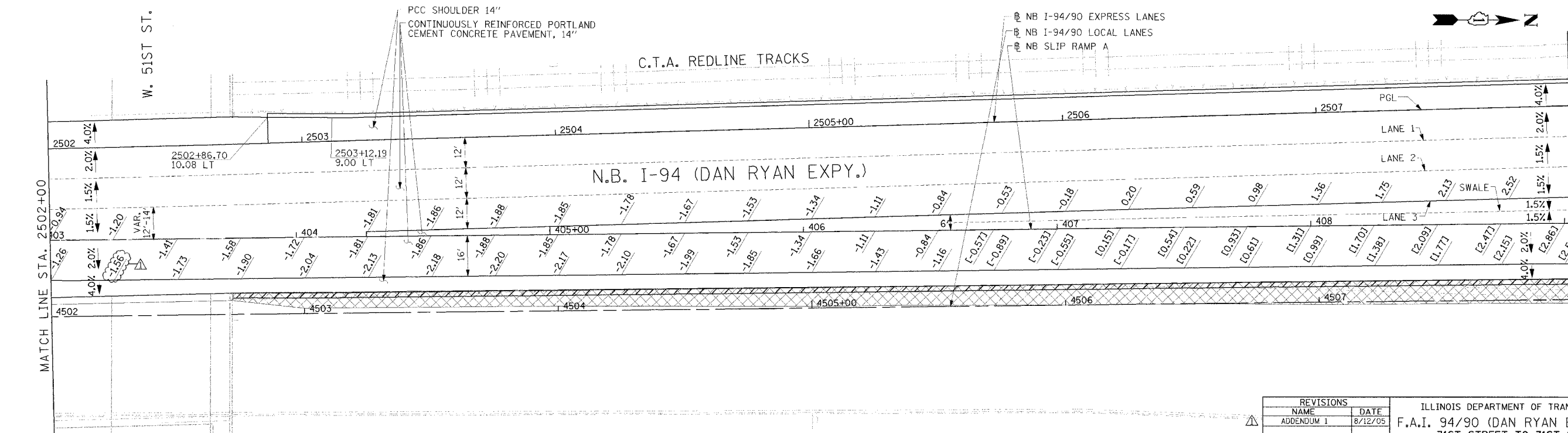
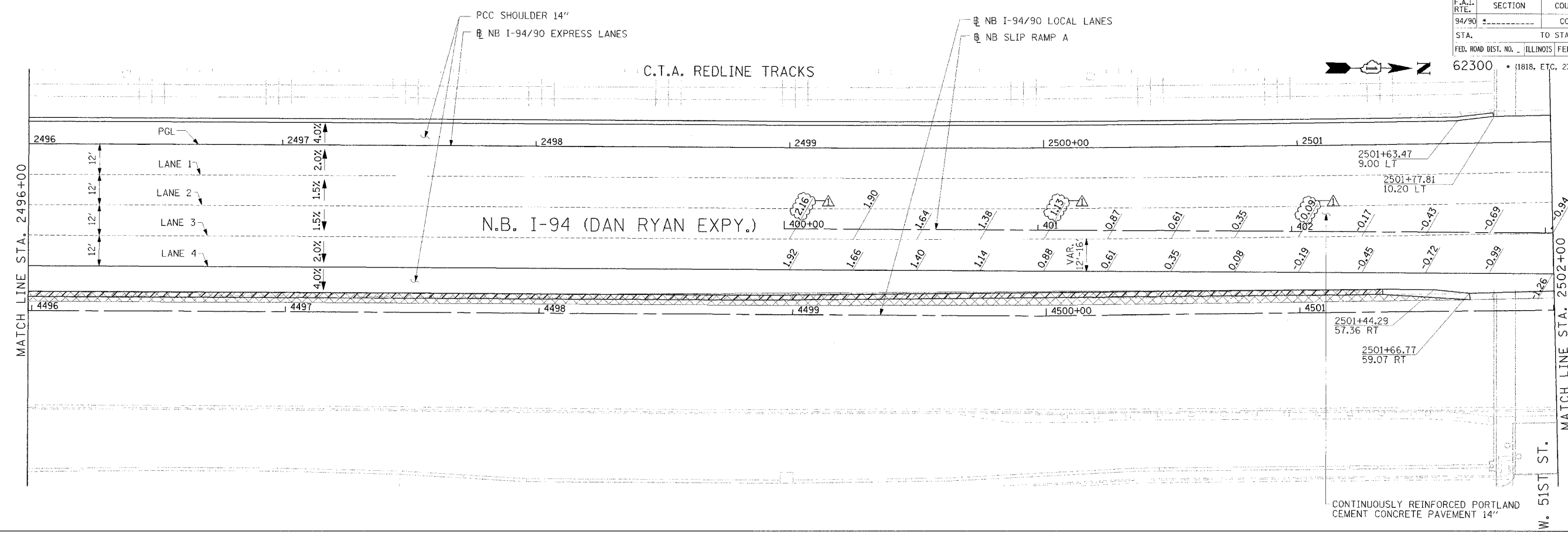
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 PAVEMENT JOINTING AND ELEVATION PLAN
 NORTHBOUND STA. 2413+00 TO STA. 2425+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

JT-5

02-230-AT P&E 08/11/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	255
STA.	TO STA.			
	62300		ILLINOIS FED. AID PROJECT	
1818, ETC, 2324.6-1PR-8				



JT-12

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.

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
ADDENDUM 1	8/12/05

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

PAVEMENT JOINTING AND ELEVATION PLAN
 NORTHBOUND STA. 2496+00 TO STA. 2508+00

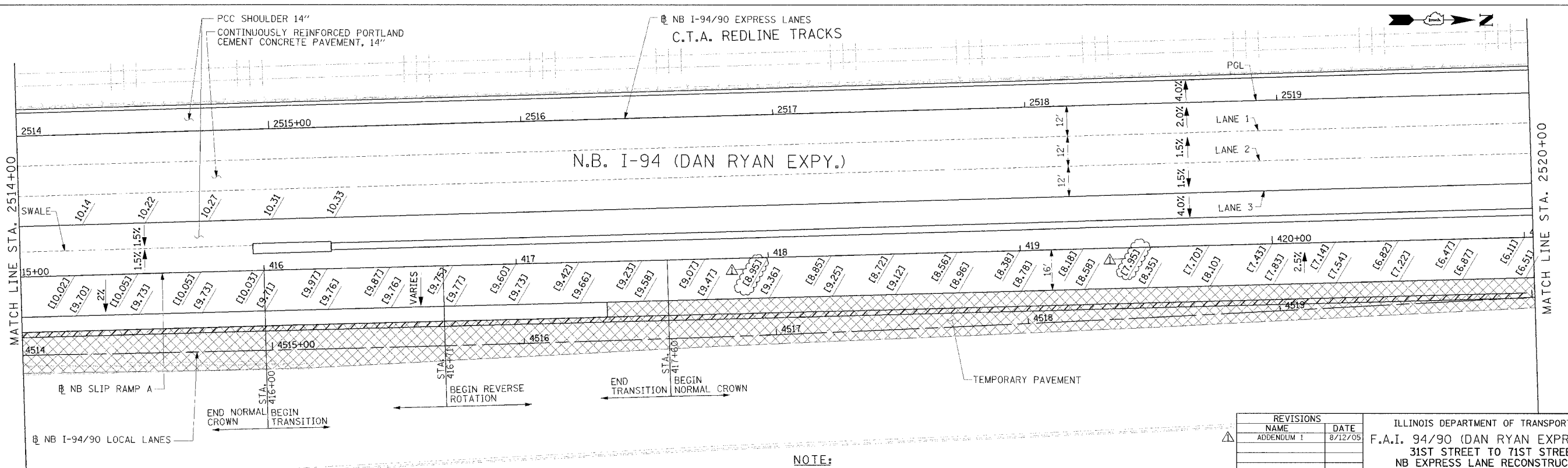
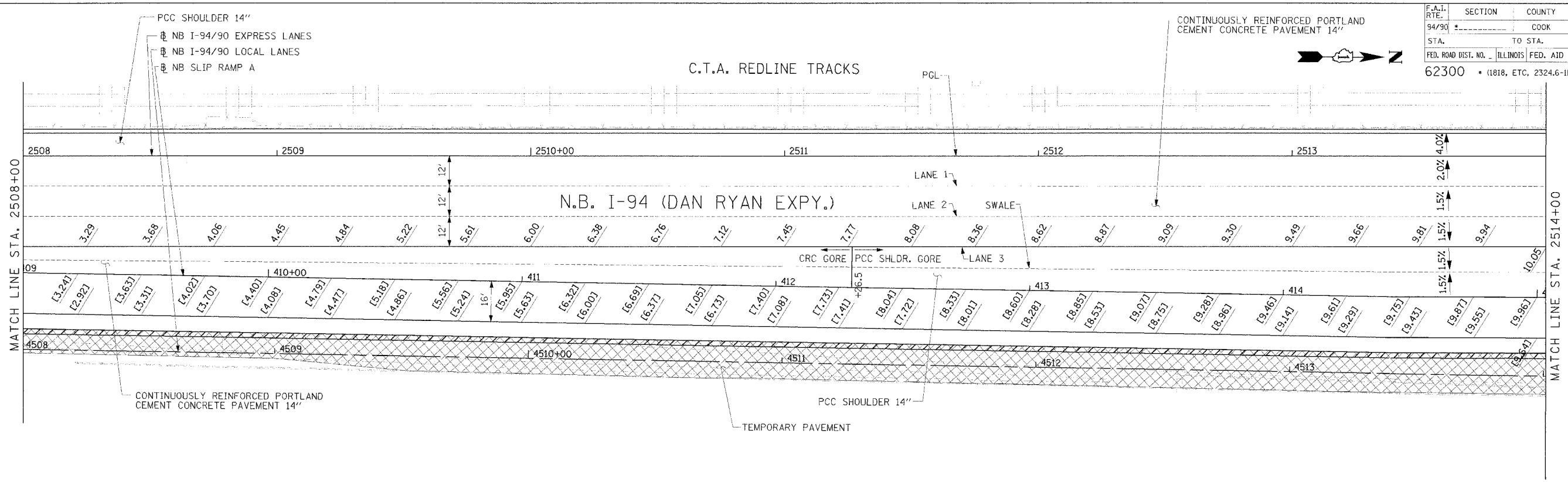
SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: PJM

Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
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08/11/2005 02:34:23 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	256
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		(1818, ETC, 2324.6-1P)R-8		



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

LEGEND
 .. ELEVATION STATIONED OFF OF NB 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.

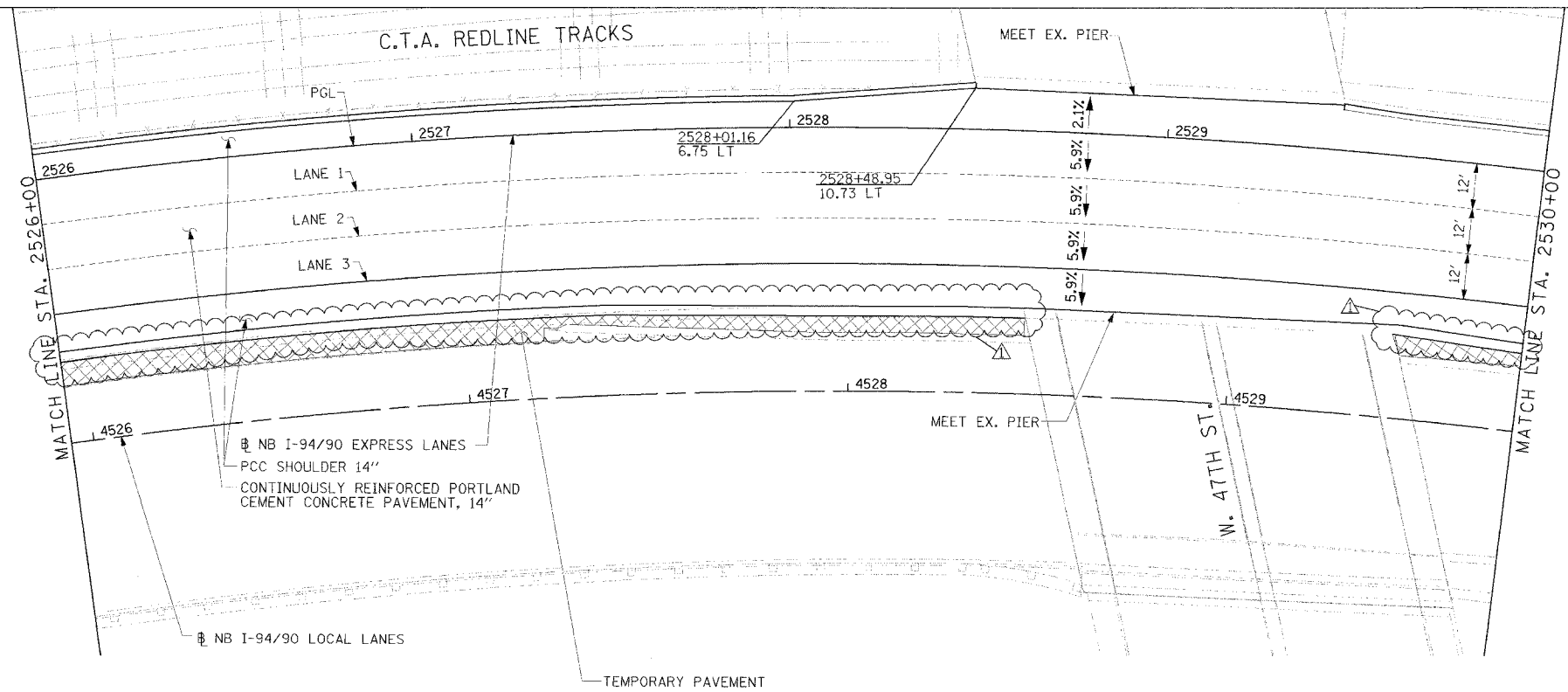
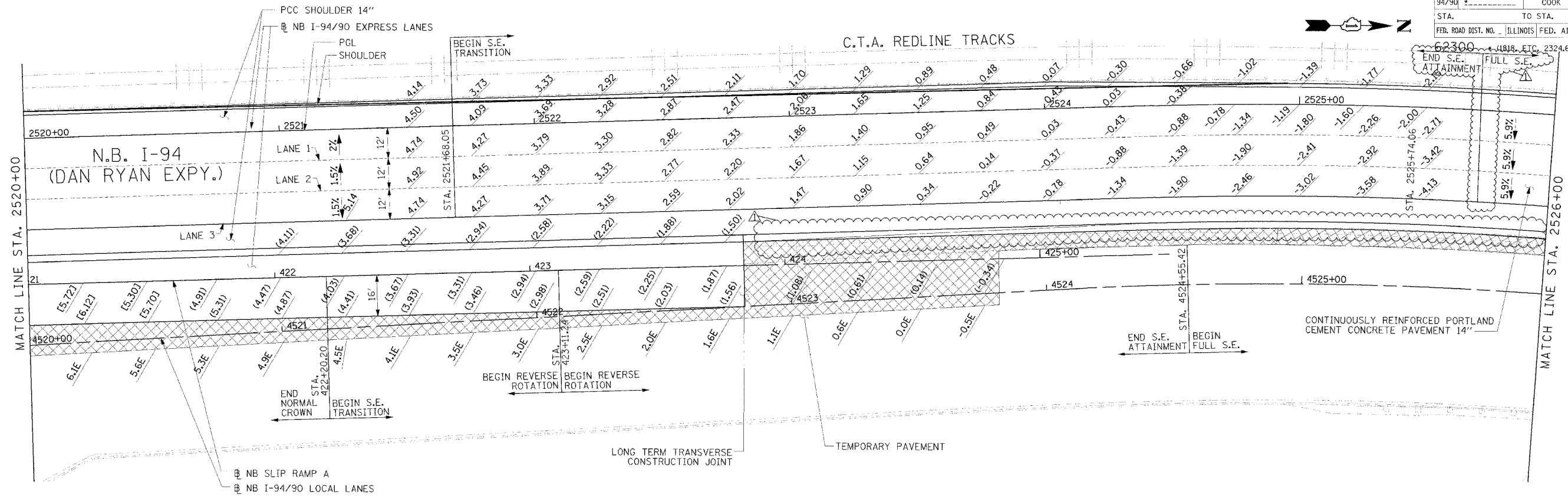
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 PAVEMENT JOINTING AND ELEVATION PLAN
 NORTHBOUND STA. 2508+00 TO STA. 2520+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

JT-13

P:\030019035\enr\4815\cad\N\94I90\32a.dwg 08/11/2005 02:35:51 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	257
STA.	TO STA.		FED. AID PROJECT	
	ILLINOIS			



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
ADDENDUM 1	8/12/05

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

PAVEMENT JOINTING AND ELEVATION PLAN
 NORTHBOUND STA. 2520+00 TO STA. 2530+00

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

Edwards AND Kelcey

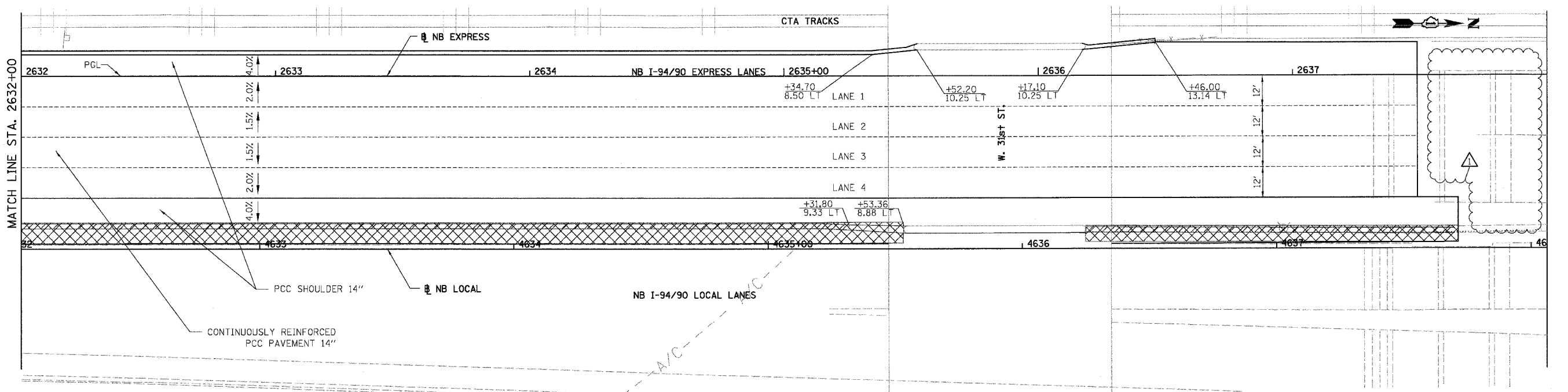
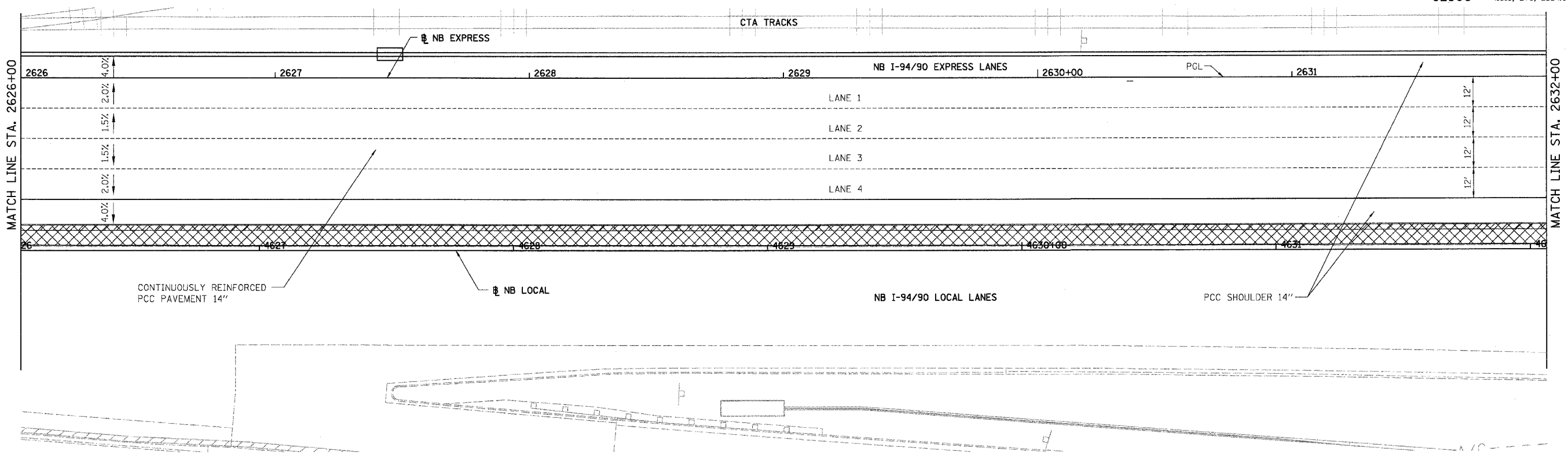
ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

JT-14

08/11/2005 02:32:23 PM

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.

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	266
STA. 2626+00		TO STA. 2637+99		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	*1818, ETC, 2324.6-1P1R-8			



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 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
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- LEGEND**
- [*..*] ELEVATION STATIONED OFF OF NB I-94/90 EXPRESS LANES
 - [*..*] ELEVATION STATIONED OFF OF NB I-94/90 LOCAL LANES
 - [*..*] ELEVATION STATIONED OFF OF SLIP RAMP ALIGNMENT
 - [X/X] TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS

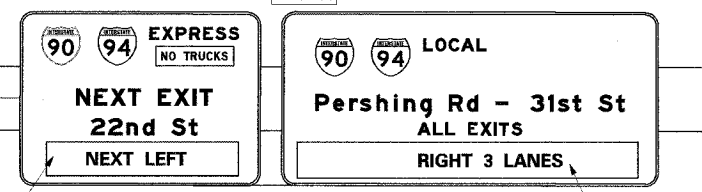
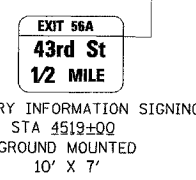
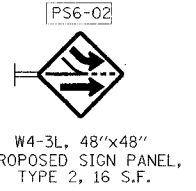
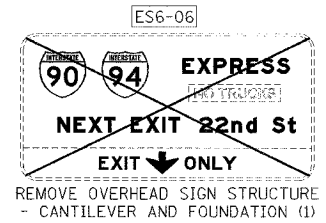
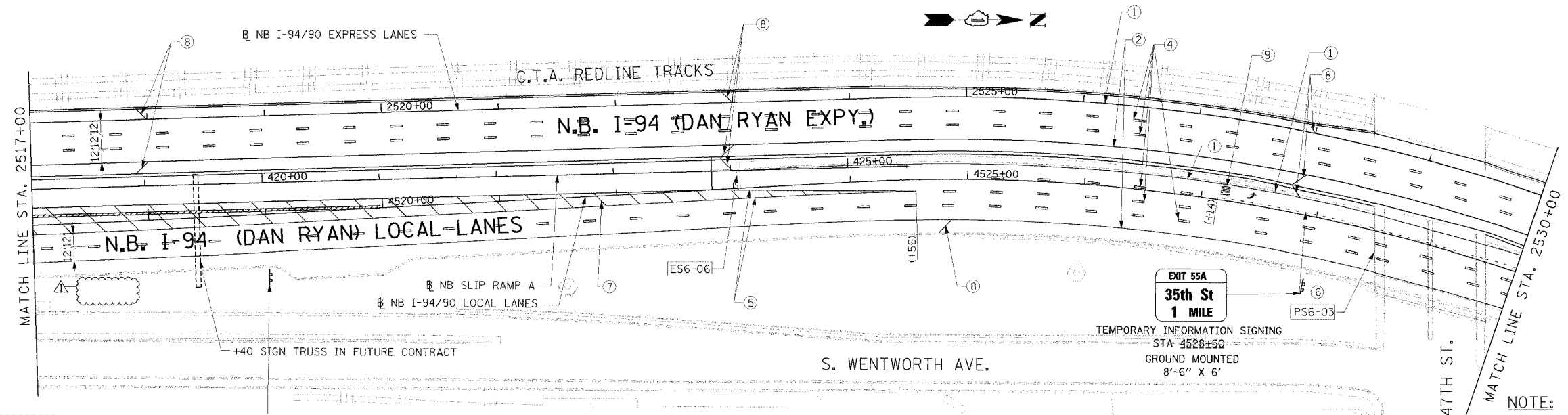
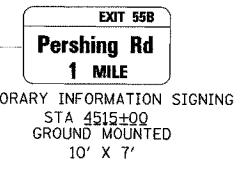
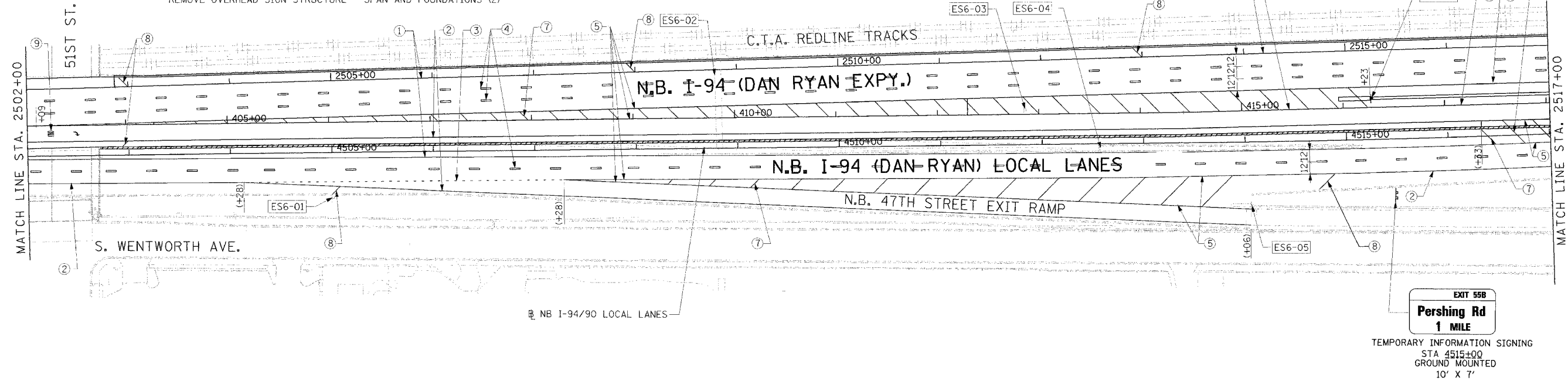
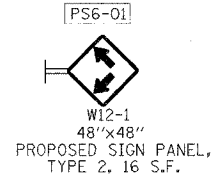
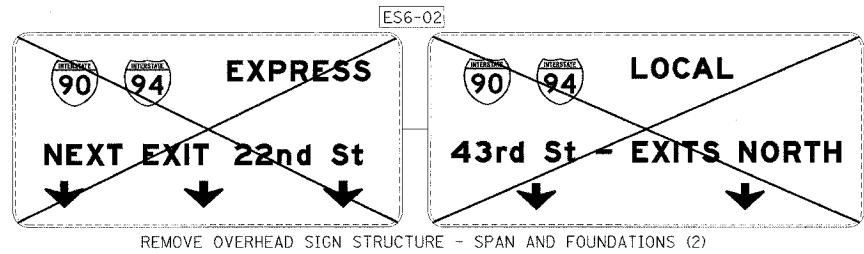
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 PAVEMENT JOINTING AND ELEVATION PLAN
 NORTHBOUND STA. 2626+00 TO STA. 2637+99
 SCALE: 1"=20'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC

JT-23

8/17/2005 2:15:46 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	272
STA.	TO STA.			
62300	ILLINOIS		FED. AID PROJECT	
1818, ETC, 2324.6-1PR-8				



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

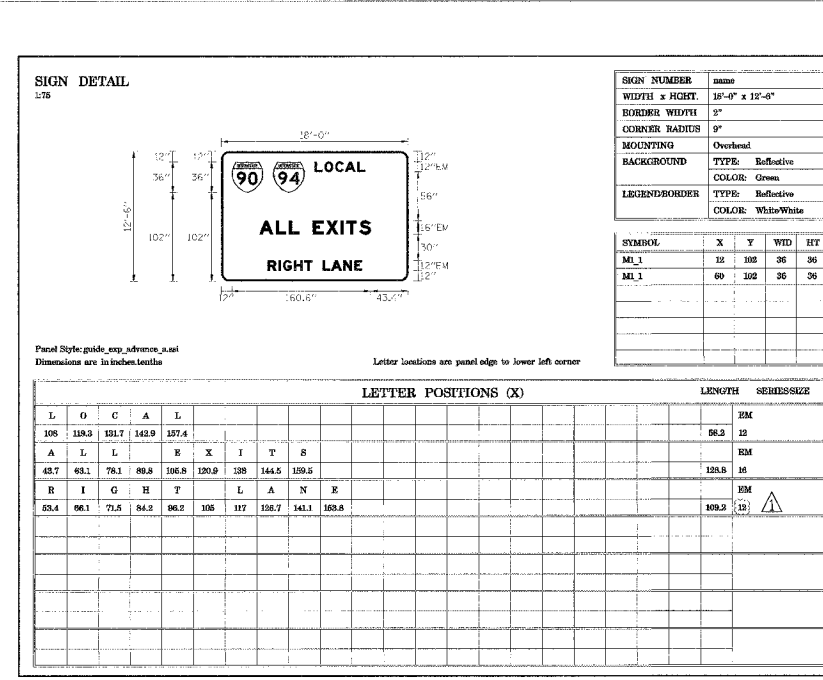
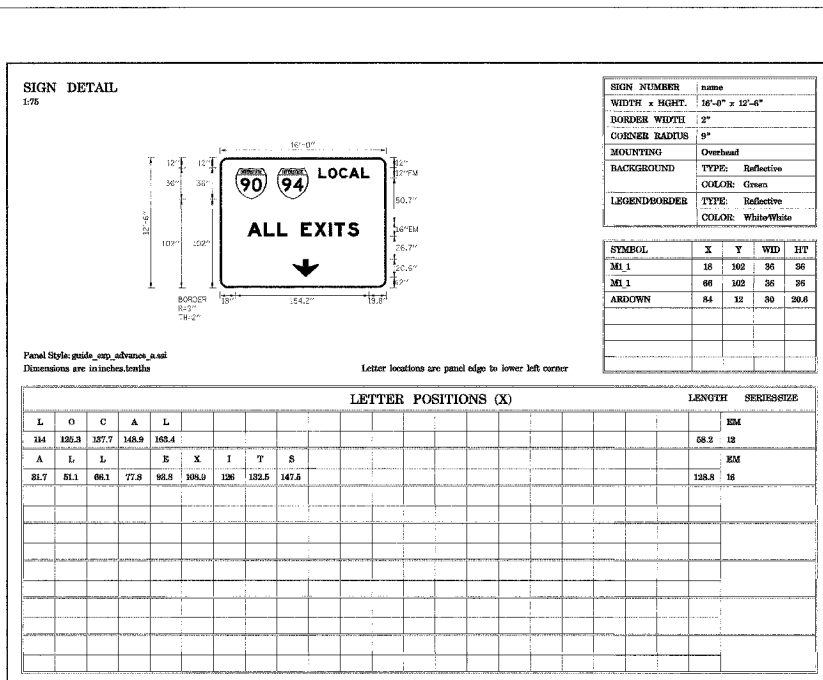
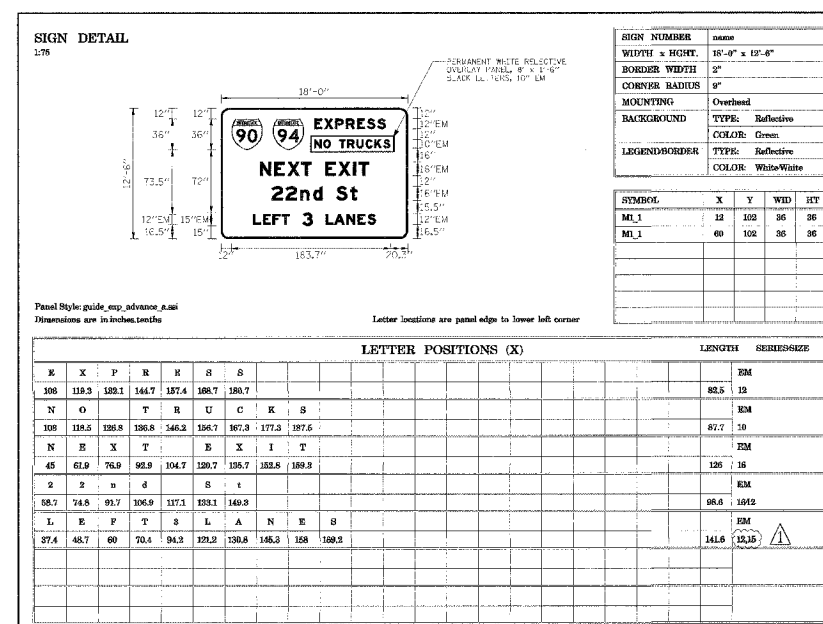
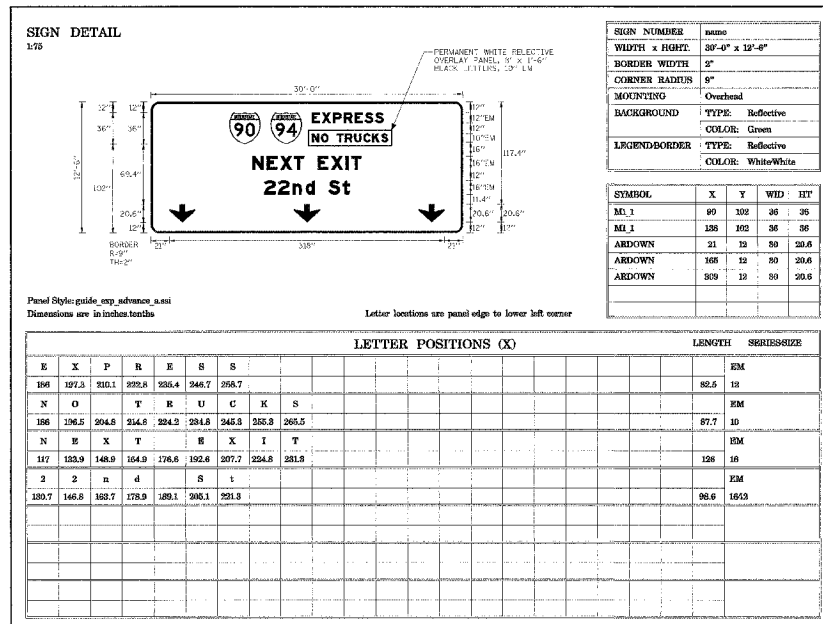
REVISIONS

NAME	DATE
ADDENDUM 1	8/12/05

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

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

PMK-6
 08/09/2005 04:46:08 PM



F:\31000\94035\con\14815\cadd\14815.dwg 08/11/2005 03:21:54 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	280
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62300		* (1818, ETC. 2324.6-1)R-8		

SIGN DETAIL
1/75

Panel Style: guide_cap_advances_a.scl
Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

SIGN NUMBER		name
WIDTH x HIGHT		30'-0" x 12'-6"
BORDER WIDTH		2"
CORNER RADIUS		0"
MOUNTING		Overhead
BACKGROUND	TYPE:	Reflective
	COLOR:	Green
LEGEND/BORDER	TYPE:	Reflective
	COLOR:	White/White

SYMBOL	X	Y	WID	HT
M1	90	102	36	36
M1	138	102	36	36
ARDOWN	21	12	30	20.6
ARDOWN	165	12	30	20.6
ARDOWN	309	12	30	20.6

LETTER POSITIONS (X)		LENGTH	SERIES/SIZE				
L	O	C	A	L			
186	197.3	208.7	220.0	231.4		58.2	12
P	e	r	s	h	i	n	g
29	65.8	70.8	80.6	95.7	112	121.2	136.4
A	L	L	E	X	I	T	S
126.7	135	150.1	161.5	177.5	192.9	210	216.4
							221.5
							128.8
							36

SIGN DETAIL
1/75

Panel Style: panel_overlay.scl
Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

SIGN NUMBER		name
WIDTH x HIGHT		27'-6" x 2'-6"
BORDER WIDTH		0"
CORNER RADIUS		0"
MOUNTING		Overhead
BACKGROUND	TYPE:	Reflective
	COLOR:	Green
LEGEND/BORDER	TYPE:	Reflective
	COLOR:	White/Green

SYMBOL	X	Y	WID	HT

LETTER POSITIONS (X)		LENGTH	SERIES/SIZE									
R	I	G	H	T	S	L	A	N	E	S		
89.5	102.3	107.6	120.2	128.3	158.1	183.1	182.7	207.2	218.5	231.1		12.15
												12.15

SIGN DETAIL
1/75

Panel Style: guide_cap_advances_a.scl
Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

SIGN NUMBER		name
WIDTH x HIGHT		18'-0" x 12'-6"
BORDER WIDTH		2"
CORNER RADIUS		0"
MOUNTING		Overhead
BACKGROUND	TYPE:	Reflective
	COLOR:	Green
LEGEND/BORDER	TYPE:	Reflective
	COLOR:	White/White

SYMBOL	X	Y	WID	HT
M1	18	102	36	36
M1	60	102	36	36
ARDOWN	93	12	30	20.6

LETTER POSITIONS (X)		LENGTH	SERIES/SIZE						
N	E	X	P	R	E	S	S		
108	119.3	121.1	144.7	157.4	168.7	180.7		82.5	12
N	O	T	R	U	C	K	S		
128	118.5	126.5	138.8	146.2	156.7	171.3	187.5		87.7
N	E	X	T	E	X	I	T		
45	61.9	76.9	82.9	104.7	120.7	135.7	152.8		126
2	2	n	d	s	t				88.6
58.7	74.6	91.7	106.9	117.1	131.1	146.3			16/12

SIGN DETAIL
1/75

Panel Style: panel_overlay.scl
Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

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

SYMBOL	X	Y	WID	HT

LETTER POSITIONS (X)		LENGTH	SERIES/SIZE						
N	E	X	T	L	E	F	T		
12.9	23.5	32.9	42.9	59.3	80.2	89.6	79	67.7	
									82.2
									10

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

SCALE: NONE
DATE: 7/7/05

DRAWN BY: GG
CHECKED BY: PJM

03/22/05 PM

SGN-02

SIGN DETAIL
1/76

Panel Style: fey_construction.sld
Dimensions are in inches/millimeters

Letter locations are panel edge to lower left corner

SYMBOL	X	Y	WID	HT

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
L	E	F	T	S	L	A	N	E	S		EM
94.5	105.8	117	127.5	151.8	178.5	187.9	209.4	215	236.8	141.7	12, 15

SIGN DETAIL
1/75

Panel Style: construction_guides.sld
Dimensions are in inches/millimeters

Letter locations are panel edge to lower left corner

SYMBOL	X	Y	WID	HT
ML1	42	49	56	58

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
W	E	S	T	L	A	N	E	S		EM	
90	100.7	121	133.1						51.9	12, 12	
A	L	L	L	A	N	E	S		EM		
14.6	38.9	48.9	60.9	76.6	89.6	108.8	125.7	140.7	139.2	12	

SIGN DETAIL
1/76

Panel Style: construction_guides.sld
Dimensions are in inches/millimeters

Letter locations are panel edge to lower left corner

SYMBOL	X	Y	WID	HT

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
T	H	R	U								EM
18.8	28.2	36.7	47.2							38.5	10
T	R	A	F	F	I	O					EM
4.6	14	24	36.1	46.8	64.9	89.4				82.9	10

SIGN DETAIL
1/76

Panel Style: fey_construction.sld
Dimensions are in inches/millimeters

Letter locations are panel edge to lower left corner

SYMBOL	X	Y	WID	HT
ARUP	72.1	3.1	20	30

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

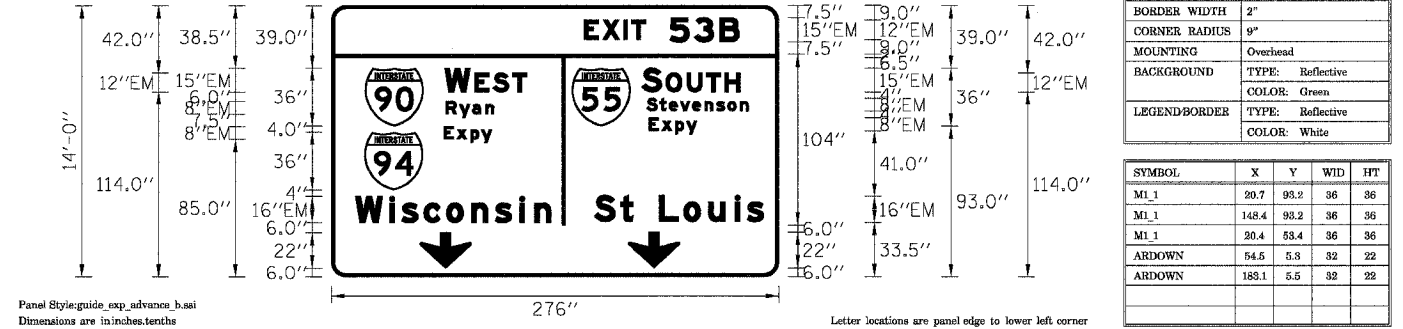
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
SIGN PANEL DETAILS

SCALE: NONE
DATE: 7/7/05

DRAWN BY: GG
CHECKED BY: PJM

03/11/2005 03:23:04 PM

SIGN DETAIL

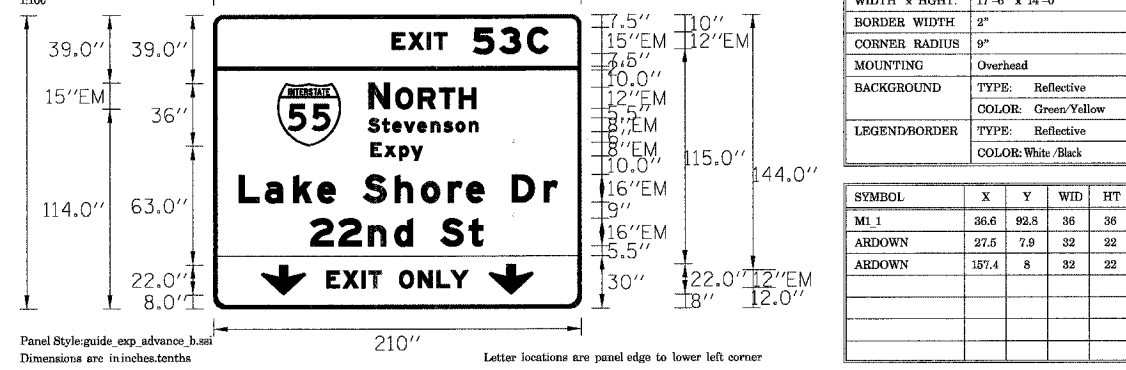


LETTER POSITIONS (X)														LENGTH	SERIESIZE
E	X	I	T	S	S	B									EM12,EM15
156.2	167.5	180.3	185.1	208.9	224	239.9									95.7
W	E	S	T												EM15,EM12
69.9	88.4	99.7	111.7												50.7
S	O	U	T	H											EM15,EM12
191.6	206.4	219.4	231.4	242.7											60.7
S	t	e	v	e	n	s	o	n							EM86
194.6	202.6	208.5	216.3	222.8	230.4	237.8	244.6	252.3	257.5						63.5
R	y	a	n												EM86
70.7	78.9	87	95.1												29.6
E	x	p	y												EM86
196	203.9	212.4	219.1												29.5
E	x	p	y												EM86
69.5	77.3	85.9	92.5												29.5
W	i	s	c	o	n	s	i	n							EM1612
14.8	35.7	43.8	57	70.9	86.3	101.1	116	125.3							120.7
S	t	L	o	u	i	s									EM1612
162.2	178.3	186.3	202.3	217.4	232.8	249.1	256.7								104.7
S	t	L	o	u	i	s									EM1612
162.2	178.3	186.3	202.3	217.4	232.8	249.1	256.7								23.9

SIGN NUMBER	1S0161094L054.97(L)
WIDTH x HGT.	23'-0" x 14'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	20.7	93.2	36	36
M1_1	148.4	93.2	36	36
M1_1	20.4	53.4	36	36
ARDOWN	54.5	5.3	32	22
ARDOWN	183.1	5.5	32	22

SIGN DETAIL

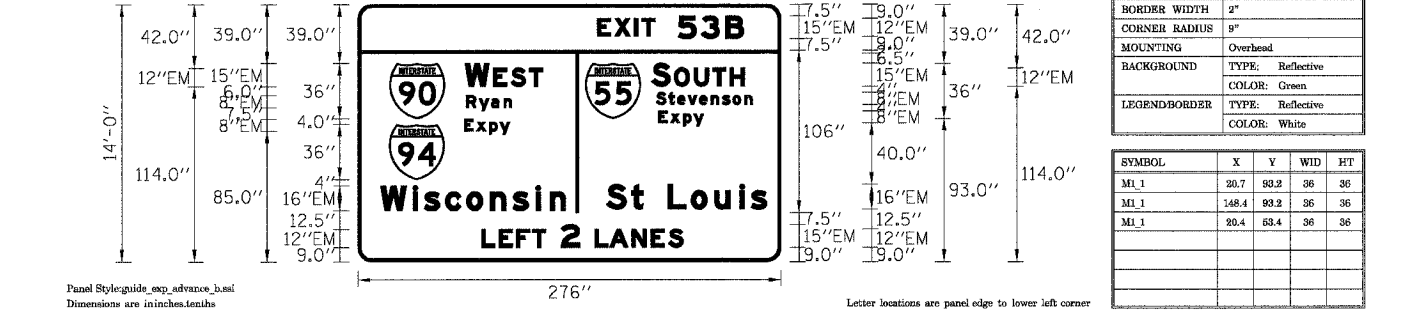


LETTER POSITIONS (X)														LENGTH	SERIESIZE
E	X	I	T	S	S	C									EM10,EM15
101.9	111.3	122	126.1	148.4	163.5	179.4									89.4
N	O	R	T	H											EM15,EM12
88.6	104	117	129.1	140.3											61.3
S	t	e	v	e	n	s	o	n							EM86
88.3	96.4	102.2	109	118.5	124.1	131.5	138.4	146.1							62.9
E	x	p	y												EM86
89.9	97.7	106.3	112.9												29.5
L	a	k	e	S	h	o	r	e	D	r					EM1612
14.4	29.4	45.7	59.4	69.6	85.6	103.5	118.6	134.1	144.3	154.5	170.5	188.7			182.1
2	2	n	d	S	t										EM1612
55.3	71.3	88.3	103.4	113.7	129.7	145.8									98.6
E	X	I	T	O	N	L	Y								EM12
64.6	74	84.7	88.5	95.9	106.9	116.7	127.3	135.3							80.6

SIGN NUMBER	1S0161094L055.78(R)
WIDTH x HGT.	17'-6" x 14'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/Black

SYMBOL	X	Y	WID	HT
M1_1	36.6	92.5	36	36
ARDOWN	27.5	7.9	32	22
ARDOWN	157.4	8	32	22

SIGN DETAIL

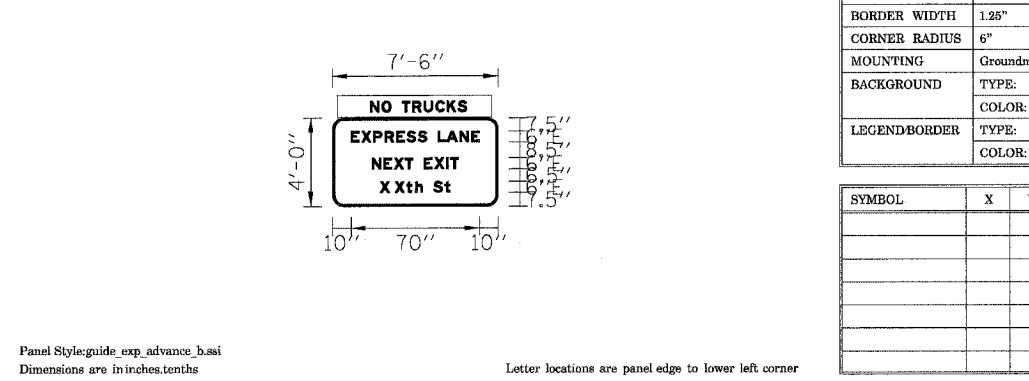


LETTER POSITIONS (X)														LENGTH	SERIESIZE
E	X	I	T	S	S	B									EM12,EM15
156.2	167.5	180.3	185.1	208.9	224	239.9									95.7
W	E	S	T												EM15,EM12
69.9	88.4	99.7	111.7												50.7
S	O	U	T	H											EM15,EM12
191.6	206.4	219.4	231.4	242.7											60.7
S	t	e	v	e	n	s	o	n							EM86
194.6	202.6	208.5	216.3	222.8	230.4	237.8	244.6	252.3	257.5						63.5
R	y	a	n												EM86
70.7	78.9	87	95.1												29.6
E	x	p	y												EM86
196	203.9	212.4	219.1												29.5
E	x	p	y												EM86
69.5	77.3	85.9	92.5												29.5
W	i	s	c	o	n	s	i	n							EM1612
14.8	35.7	43.8	57	70.9	86.3	101.1	116	125.3							120.7
S	t	L	o	u	i	s									EM1612
162.2	178.3	186.3	202.3	217.4	232.8	249.1	256.7								104.7
S	t	L	o	u	i	s									EM1612
162.2	178.3	186.3	202.3	217.4	232.8	249.1	256.7								33.9
L	E	F	T	2	L	A	N	E	S						EM12,EM15
80.7	92	103.3	113.7	132.5	154.3	164.1	178.6	191.3	202.5						33.7

SIGN NUMBER	1S0161094L055.78(L)
WIDTH x HGT.	23'-0" x 14'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
LEGEND/BORDER	TYPE: Reflective
	COLOR: Green
	COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	20.7	93.2	36	36
M1_1	148.4	93.2	36	36
M1_1	20.4	53.4	36	36

SIGN DETAIL



LETTER POSITIONS (X)														LENGTH	SERIESIZE
E	X	P	R	E	S	S	L	A	N	E					E6
10	15.7	22.1	28.4	34.7	40.4	46.4	51.2	57.2	62	69.3	75.6				69.9
N	E	X	T	E	X	I	T								E6
21.4	27.8	33.4	39.4	43.8	49.8	55.4	61.9	64.1							47.1
X	X	t	h	S	t										E64.5
27.5	33.8	40.1	45	48.9	54.9	60.9									36.5

SIGN NUMBER	4528+55
WIDTH x HGT.	7'-6" x 4'-0"
BORDER WIDTH	1.25"
CORNER RADIUS	6"
MOUNTING	Groundmount
BACKGROUND	TYPE: Reflective
LEGEND/BORDER	TYPE: Reflective
	COLOR: Green
	COLOR: White

SYMBOL	X	Y	WID	HT

LETTER POSITIONS (X)														LENGTH	SERIESIZE
E	X	I	T	S	S	B									EM12,EM15
156.2	167.5	180.3	185.1	208.9	224	239.9									95.7
W	E	S	T												EM15,EM12
69.9	88.4	99.7	111.7												50.7
S	O	U	T	H											EM15,EM12
191.6	206.4	219.4	231.4	242.7											60.7
S	t	e	v	e	n	s	o	n							EM86
194.6	202.6	208.5	216.3	222.8	230.4	237.8	244.6	252.3	257.5						63.5
R	y	a	n												EM86
70.7	78.9	87	95.1												29.6
E	x	p	y												EM86
196	203.9	212.4	219.1												29.5
E	x	p	y												EM86
69.5	77.3	85.9	92.5												29.5
W	i	s	c	o	n	s	i	n							EM1612
14.8	35.7	43.8	57	70.9	86.3	101.1	116	125.3							120.7
S	t	L	o	u	i	s									EM1612
162.2	178.3	186.3	202.3	217.4	232.8	249.1	256.7								104.7
S	t	L	o	u	i	s									EM1612
162.2	178.3	186.3	202.3	217.4	232.8	249.1	256.7								33.9
L	E	F	T	2	L	A	N	E	S						EM12,EM15
80.7	92	103.3	113.7	132.5	154.3	164.1	178.6	191.3	202.5						33.7

REVISIONS	NAME	DATE
1	ADDENDUM 1	8/12/05

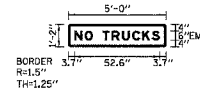
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION

SIGN PANEL DETAILS

SCALE: NONE
 DATE: 07/07/05
 DRAWN BY: RV
 CHECKED BY: AS

SHEET NO. 284 OF 556

SIGN DETAIL
1:50



SIGN NUMBER	TS18A-01 & TS18A-02
WIDTH x HIGHT	5'-0" x 1'-2"
BORDER WIDTH	1.25"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: Red/Pure White

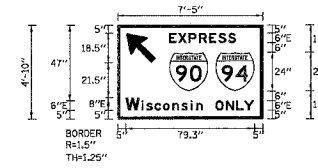
SYMBOL	X	Y	WID	HT

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

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIESIZE
N	O		T	R	U	C	K	S			EM
3.7	10		15	21	26.6	33	39.3	45.3	51.4	52.6	6

SIGN DETAIL
1:50



SIGN NUMBER	TS18A-02
WIDTH x HIGHT	7'-5" x 4'-10"
BORDER WIDTH	1.25"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: Red/Pure White

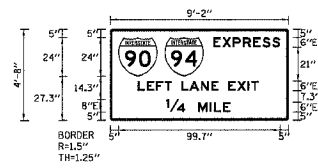
SYMBOL	X	Y	WID	HT
ARMED	5.3	34.8	15	23.6
M1.1	31.8	17	24	24
M1.1	60.3	17	24	24

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

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIESIZE	
E	X	P	R	E	S	S							E	
31.7	37.8	43.7	50.1	56.4	62	68.1						41.2	6	
W	i	s	c	o	n	s	i	u	O	N	L	Y		E
5	14.9	17.7	22.8	28	33.8	39.3	45	48.4	60.3	66.8	73.1	77.9	78.9	8,64.5

SIGN DETAIL
1:50



SIGN NUMBER	TS18A-01
WIDTH x HIGHT	9'-2" x 4'-8"
BORDER WIDTH	1.25"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: Red/Pure White

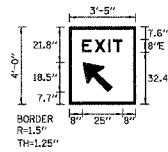
SYMBOL	X	Y	WID	HT
M1.1	5	27.3	24	24
M1.1	38.5	27.3	24	24

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

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)												LENGTH	SERIESIZE		
E	X	P	R	E	S	S							E		
63.5	69.2	75.6	81.9	88.2	93.9	99.9						41.2	6		
L	E	F	T	L	A	N	E	E	X	I	T		E		
17	22.6	28.3	33.5	37.9	43.9	48.7	56	62.3	66.7	72.7	78.3	84.8	87	74.4	6
W	M	I	L	E											E
34.5	54.2	61.3	63.9	69.5										39.4	8,6

SIGN DETAIL
1:50



SIGN NUMBER	TS18A-03
WIDTH x HIGHT	3'-5" x 4'-0"
BORDER WIDTH	1.25"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: Red/Pure White

SYMBOL	X	Y	WID	HT
ARMED	8.4	7.7	15	23.6

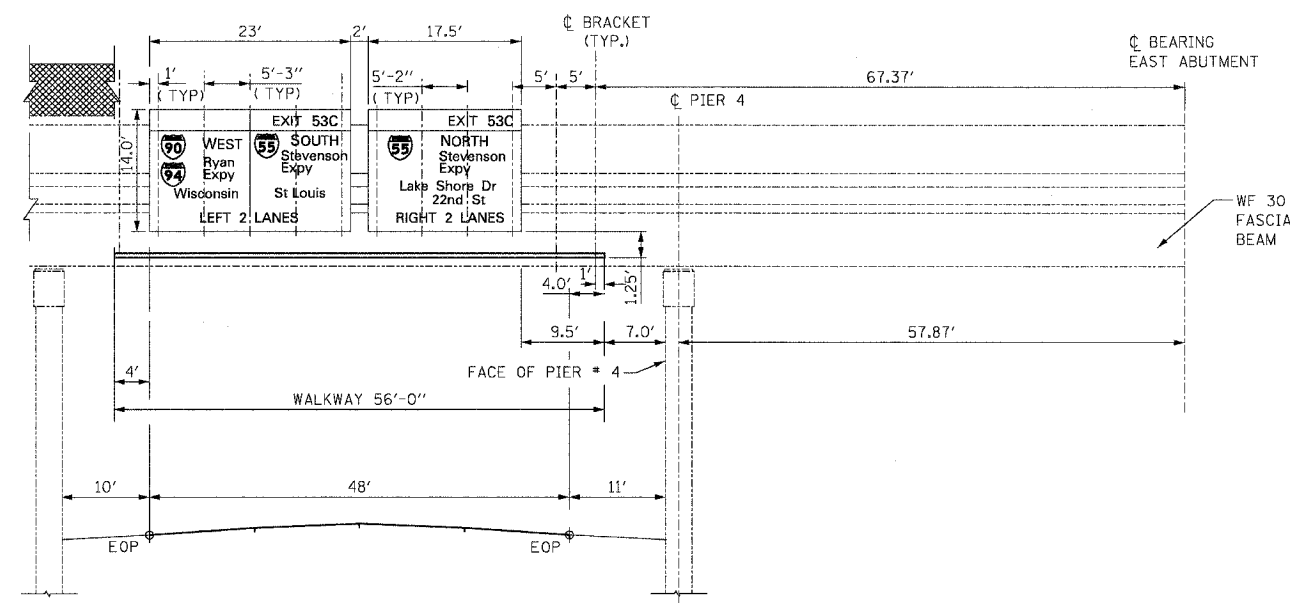
Panel Style: guide_exp_advance_b.ssi
Dimensions are in inches, tenths

Letter locations are panel edge to lower left corner

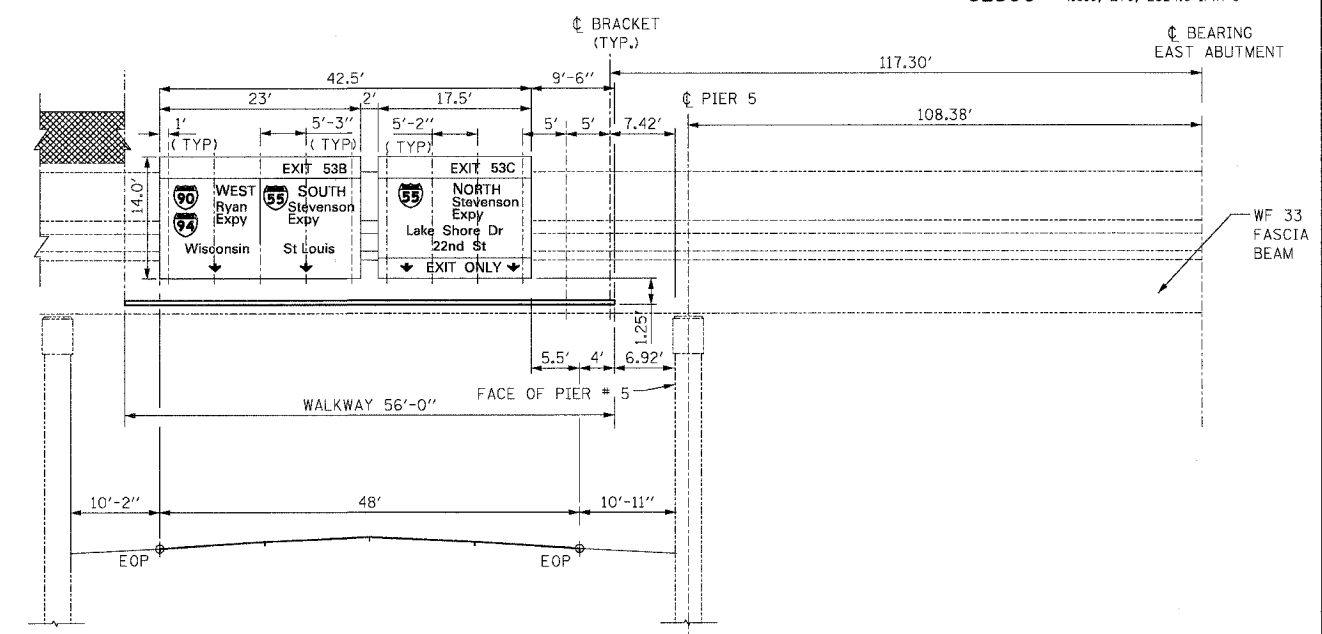
LETTER POSITIONS (X)												LENGTH	SERIESIZE
E	X	I	T										E
8	15.5	24.1	27.1									25	8

I:\660\660\CHINA\SHEET\5660_14\07_SGN0504.dgn 3/10/2005 3:56:38 PM

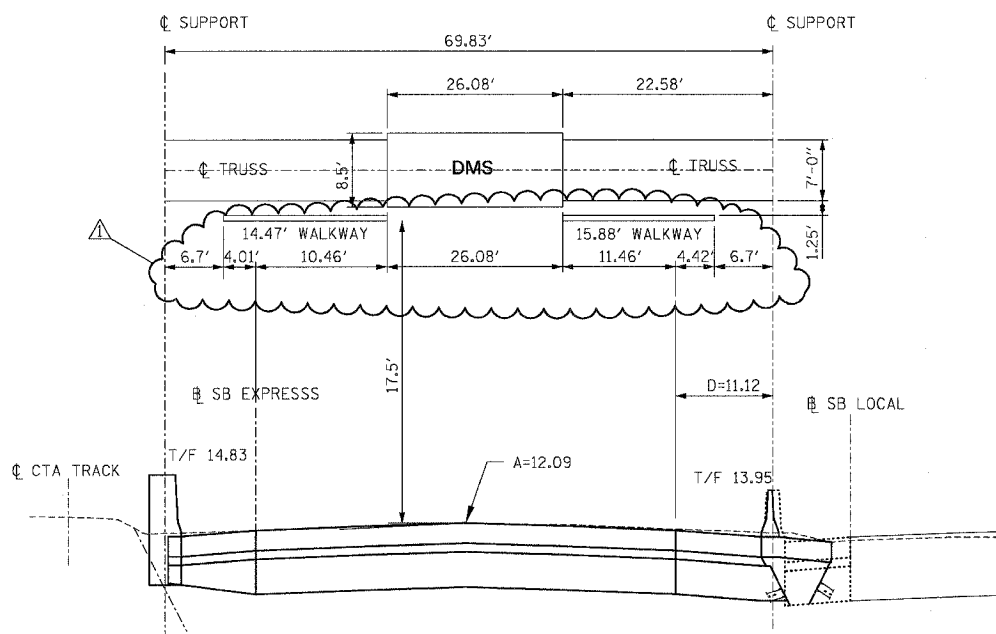
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	287
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
62300	*(1818, ETC, 2324.6-1PIR-8			



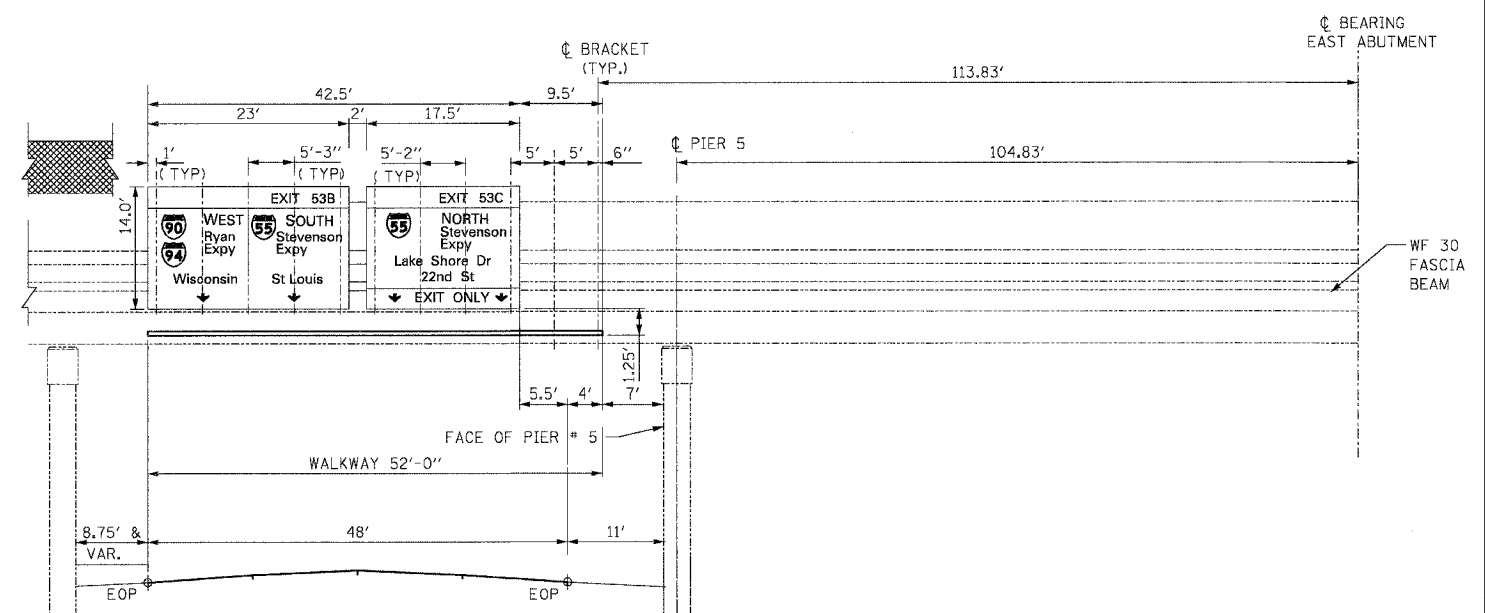
PERSHING ROAD (39TH ST) BRIDGE ELEVATION
 EXPRESS LANES NORTH BOUND
 1B0161094L055.73
 STA. 4582+26±



31st STREET BRIDGE ELEVATION
 EXPRESS LANES NORTH BOUND
 1B0161094L054.72
 STA. 4635+47±



1S0161094R055.41
 STA. 4598+65 (STA. 2598+58.71)
 I-94/90 NB LOOKING NORTH



33rd STREET BRIDGE ELEVATION
 EXPRESS LANES NORTH BOUND
 1B0161094L054.97
 STA. 4622+31±

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

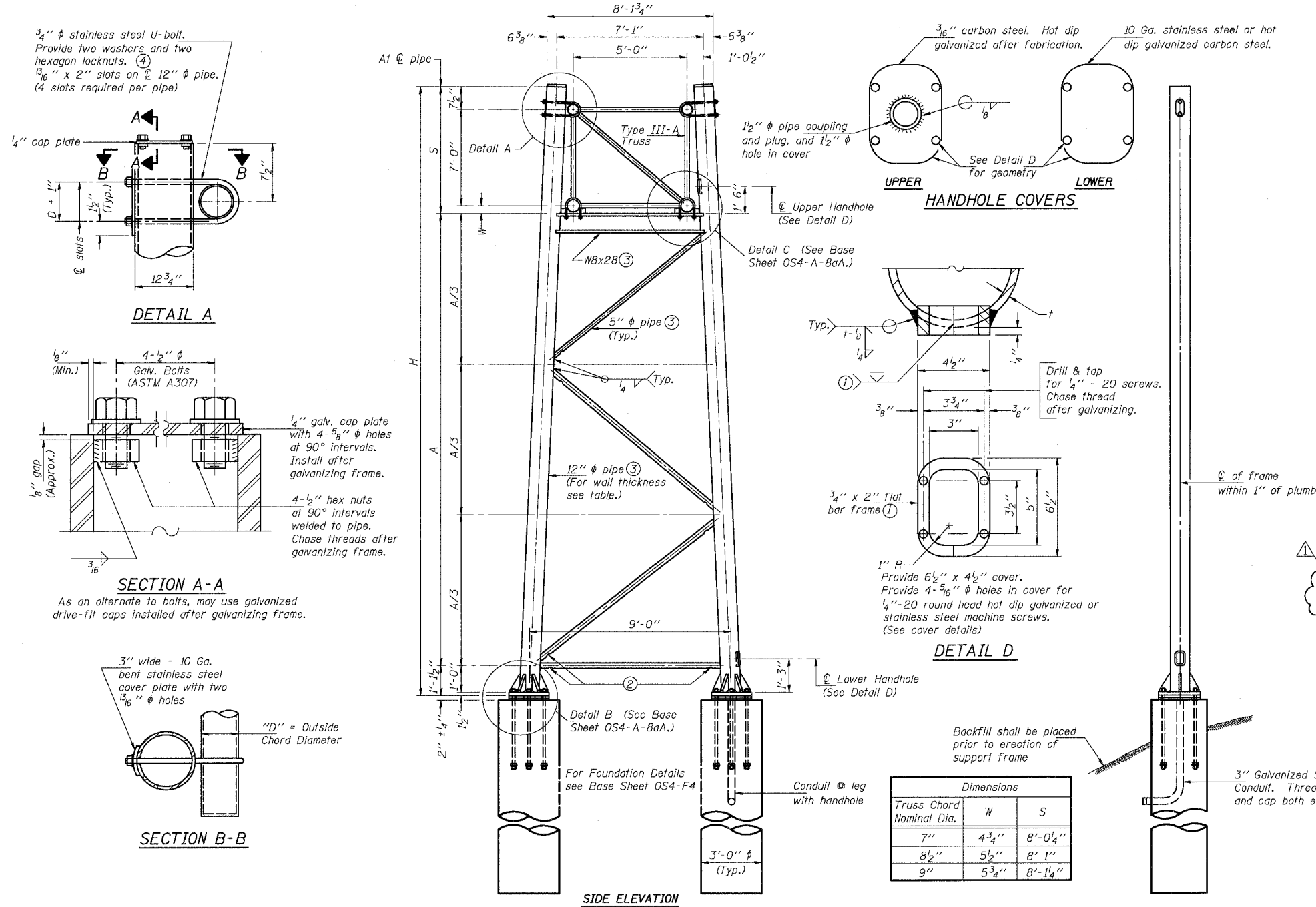
SCALE: NONE
 DATE: 07/07/05
 DRAWN BY: WD
 CHECKED BY: MSA

K&E KAM ENGINEERING, INC.
 CONSULTING ENGINEERS
 707A Davis Road, Suite 205
 Egin, Illinois 60123-1369

8/11/2005 2:30:24 PM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	292
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		
62300 *1818, ETC. 2324.6-IPR-B				



Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.
 Load combinations checked include deadload plus:
 a) 100% wind normal to sign, 20% parallel to sign
 b) 60% wind normal to sign, 30% parallel to sign

- In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 \sqrt{in} or less.
- Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred. (Typ.)
- Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.
- See General Notes for fasteners.
- Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.

Structure Number	Station	Support		Pipe Wall Thickness	N	A
		Left	Right			
ISO16I094L055.41	4598+65		X	0.33	25.1'	15.95'
			X	0.33	24.22'	15.07'

TRUSS SUPPORT DETAILS
(12" ϕ Pipe-Type III-A Truss)

NUMBER	REVISION	DATE

DESIGNED	SL	20
CHECKED	AS	EXAMINED
DRAWN	MD	PASSED
CHECKED	SL	ENGINEER OF STRUCTURAL SERVICES
		ENGINEER OF BRIDGES AND STRUCTURES

OS4-A-8a 11/1/2002

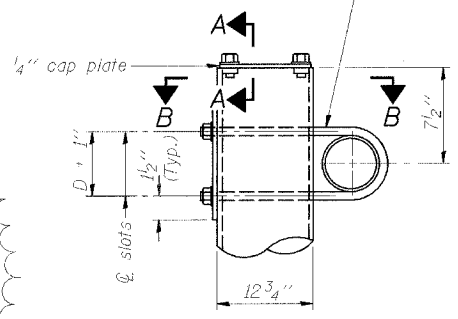
SGN-14

OVERHEAD SIGN STRUCTURES
 SUPPORT FRAME for TYPE III-A ALUMINUM TRUSS

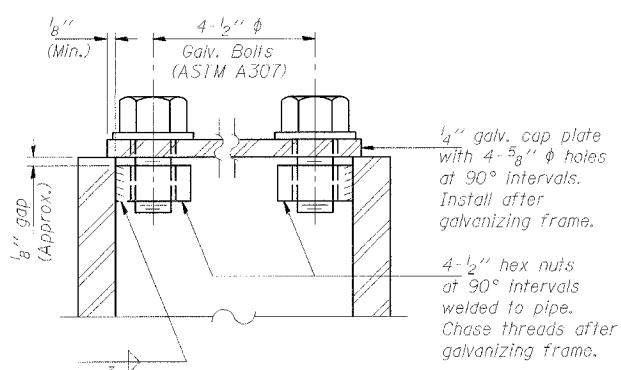
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION

OVERHEAD SIGN STRUCTURES

3/4" ϕ stainless steel U-bolt. Provide two washers and two hexagon locknuts. (4)
 1/16" x 2" slots on ϕ 12" ϕ pipe. (4 slots required per pipe)

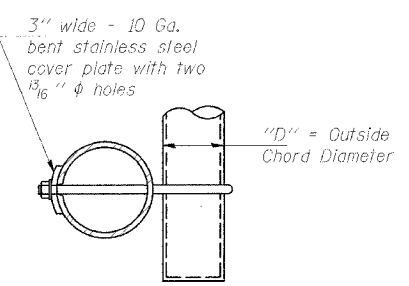


DETAIL A

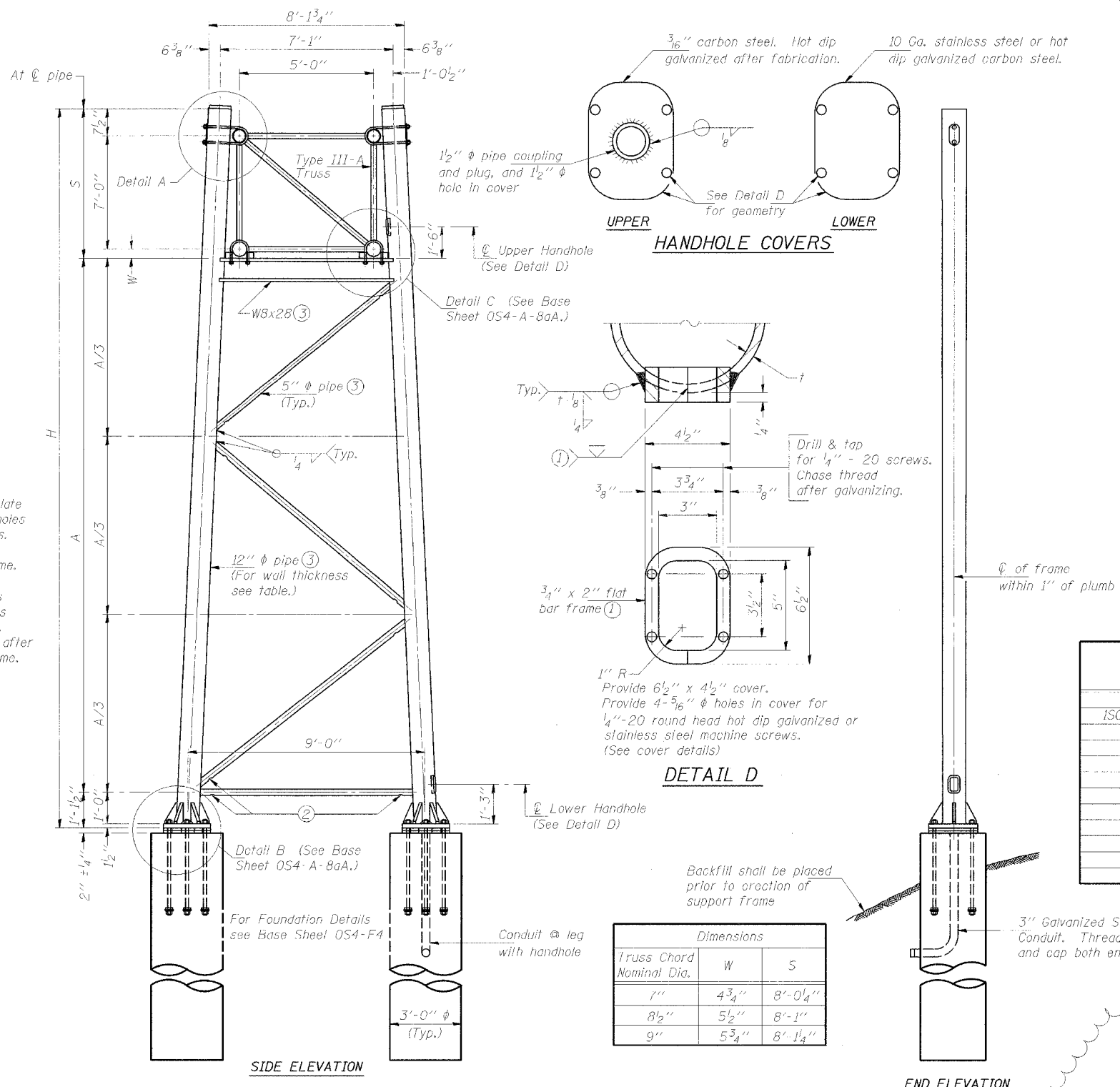


SECTION A-A

As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.



SECTION B-B



SIDE ELEVATION

END ELEVATION

Dimensions		
Truss Chord Nominal Dia.	W	S
1"	4 3/4"	8'-0 1/4"
8 1/2"	5 1/2"	8'-1"
9"	5 3/4"	8'-1 1/4"

TRUSS SUPPORT DETAILS
(12" ϕ Pipe-Type III-A Truss)

Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.
 Load combinations checked include deadload plus:
 a) 100% wind normal to sign, 20% parallel to sign
 b) 60% wind normal to sign, 30% parallel to sign

- In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 \sqrt{in} or less.
- Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred. (Typ.)
- Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.
- See General Notes for fasteners.
- Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.

Structure Number	Station	Support		Pipe Wall Thickness	H	A
		Left	Right			
ISO1610941.058.4	2442+20	X	X		25.31	18.72
					26.83	19.50

DESIGNED	RLK
CHECKED	EL
DRAWN	ABW
CHECKED	PJM

EXAMINED	20
PASSED	

NUMBER	REVISION	DATE
ADDENDUM 1		8/21/05

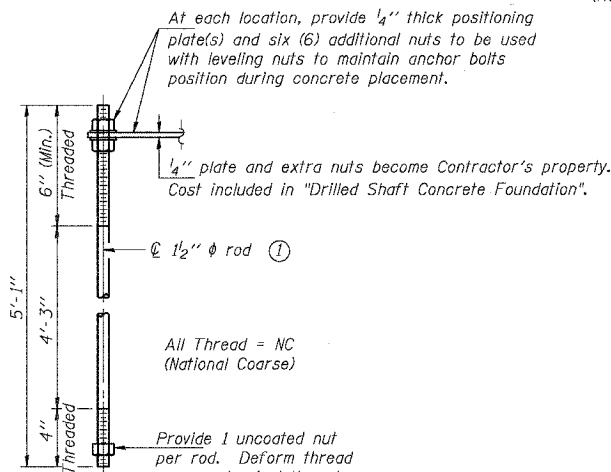
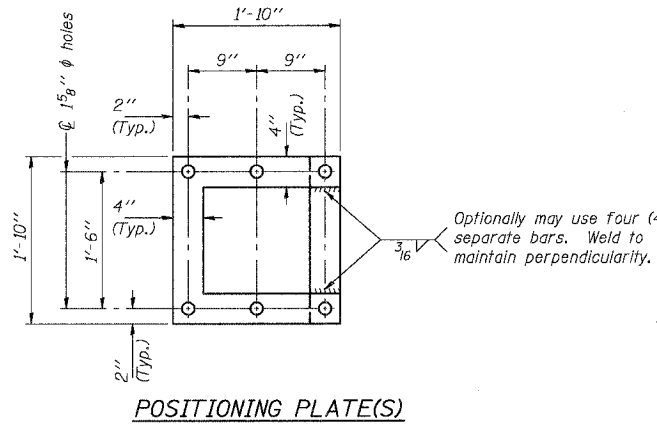
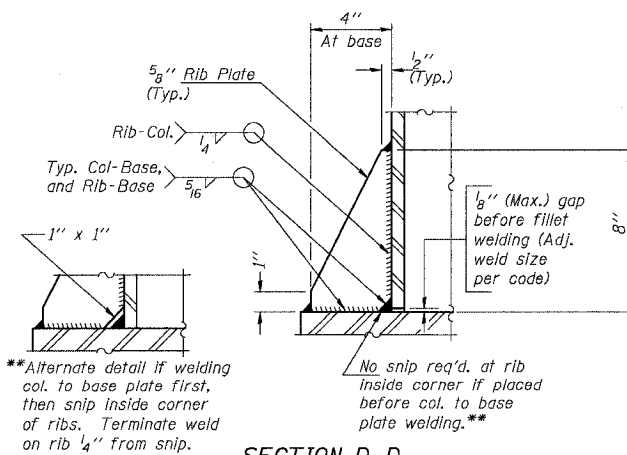
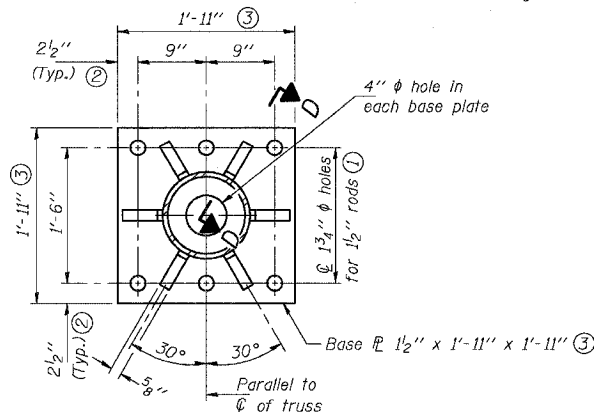
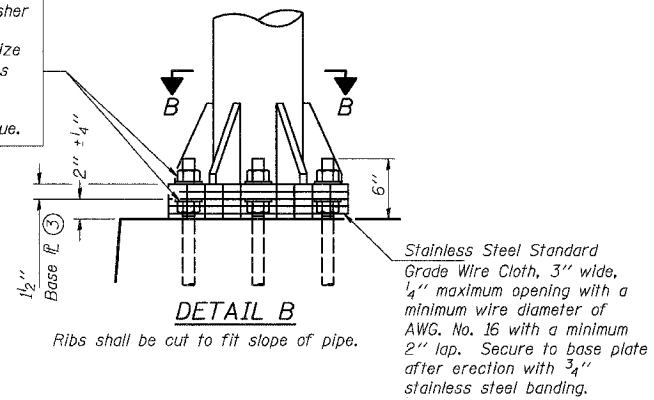
OVERHEAD SIGN STRUCTURES
SUPPORT FRAME FOR TYPE III-A ALUMINUM TRUSS

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET
94/90	#	COOK	556	293
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
62300	*IBIB, ETC, 2324.6-IPR-8			

Hexagon locknut and washer (top), leveling nut and washer (bottom). Galvanize per AASHTO M232. Nuts shall each be tightened against base plate with 200 lb.-ft. minimum torque.

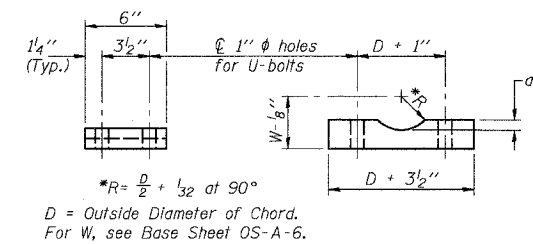
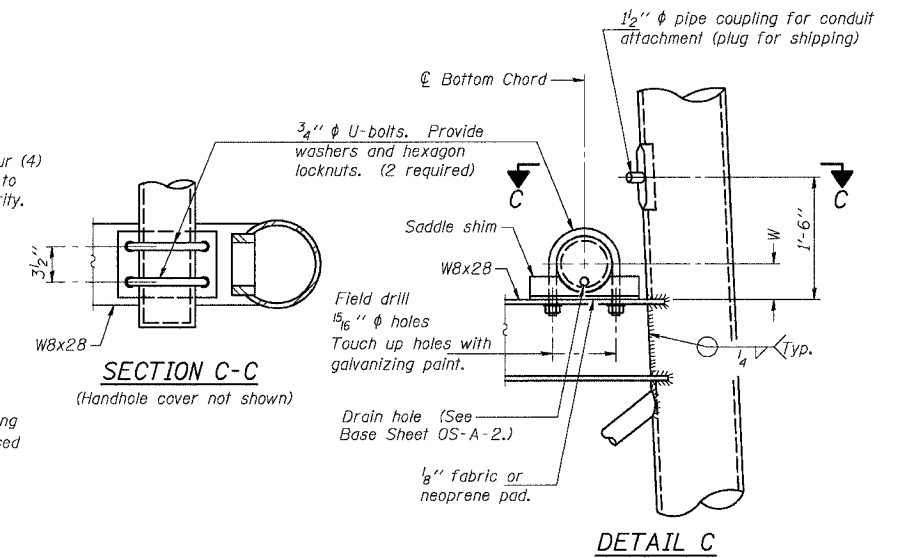


TYPE III-A TRUSS
12" ϕ PIPE SUPPORT FRAME DETAILS

Anchor rods shall conform to AASHTO M314 Grade 36 or 55 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. Galvanize upper 12" per AASHTO M232. No welding shall be permitted on rods.

Notes: For Type III-A Truss spans greater than 150 ft. and up to 160 ft.:

- ① 1 3/4" ϕ rod, 2" ϕ holes
- ② 2 3/4" edge distance
- ③ Base Pl. 1 5/8" x 1'-11 1/2" x 1'-11 1/2"



Truss Chord Nominal Dia.	a
7"	1"
8 1/2"	1 1/4"
9"	1 3/8"

SADDLE SHIM DETAIL
ASTM B26 Alloy 356-F
or
ASTM B209 Alloy 6061-T651
(4 required per sign truss)

DESIGNED	SL
CHECKED	AS
DRAWN	MD
CHECKED	SL

EXAMINED	20
PASSED	ENGINEER OF STRUCTURAL SERVICES
	ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

OS4-A-8aA 11/1/2002

ADDENDUM 1 8/12/05

OVERHEAD SIGN STRUCTURES
SUPPORT FRAME for TYPE III-A ALUMINUM TRUSS

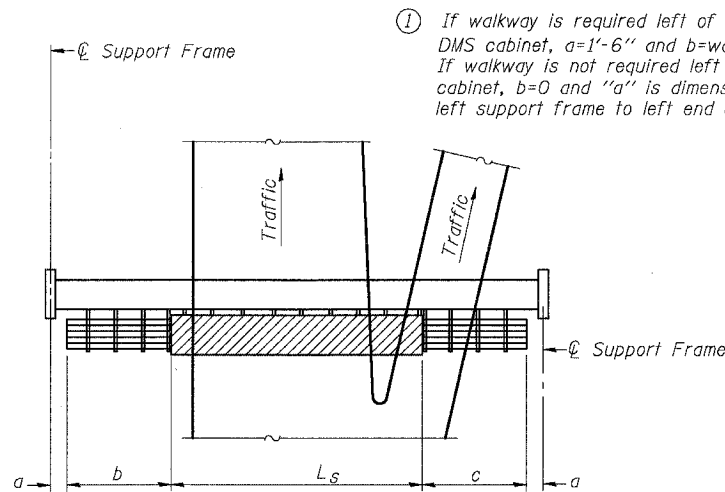
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION

OVERHEAD SIGN STRUCTURES

SGN-15

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
F.A.			556	294	SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

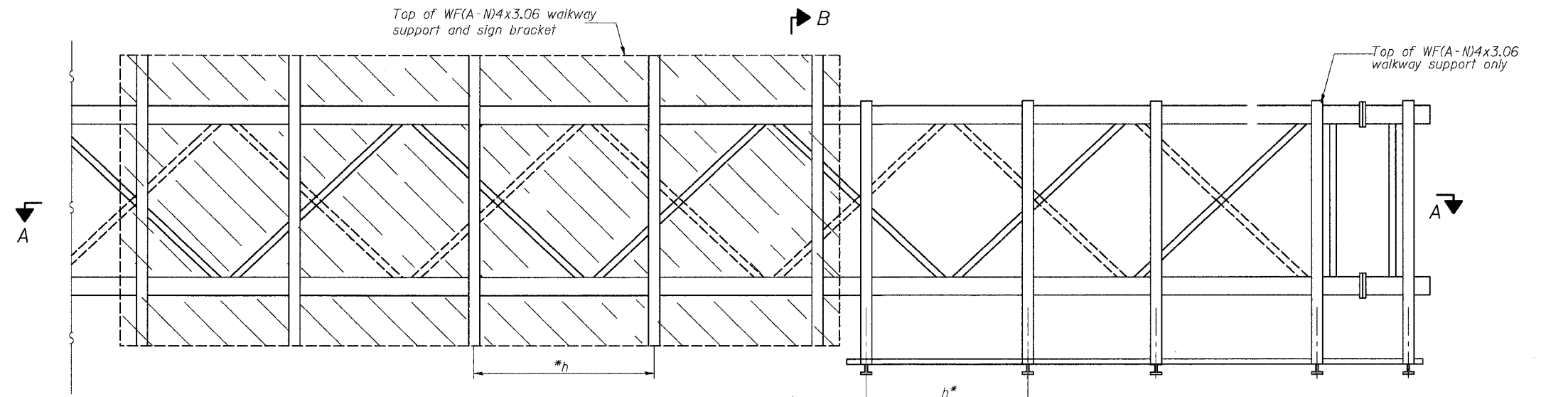


PLAN
WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)

BRACKET TABLE

Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

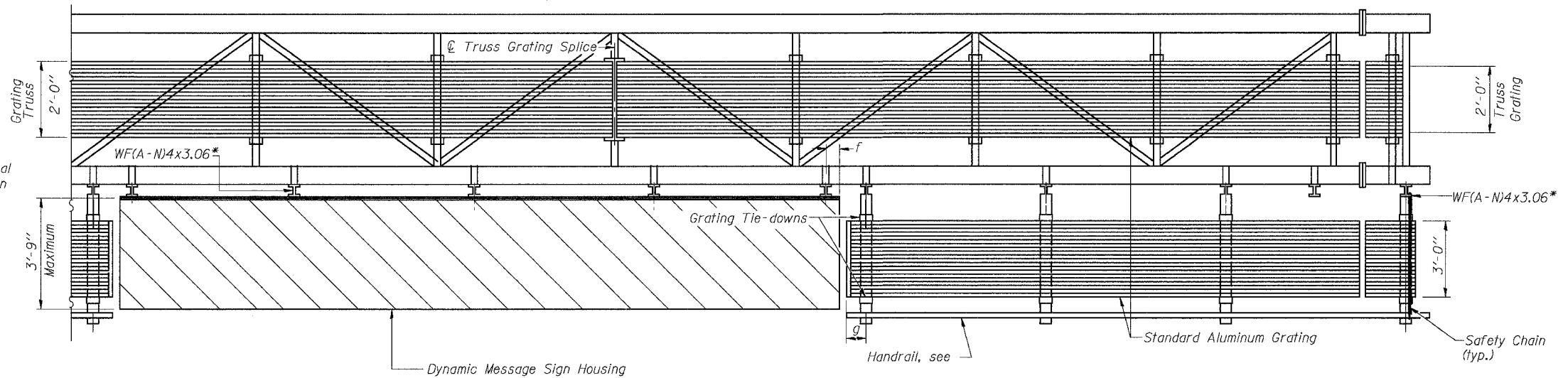
Walkway and Truss Grating width dimensions are nominal and may vary $\pm 1/2$ " based on available standard widths.



TYPICAL FRONT ELEVATION

With handrail omitted for clarity.
For Section B-B, see Base Sheet OS-A-10.

Bracket and grating dimensions are nominal and will vary based on actual DMS cabinet dimensions plus manufacturer's mounting devices.



SECTION A-A

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Grating and handrail splices placed as needed.

Truss grating to facilitate inspection shall run full length (center to center of support frames) ± 12 " on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

Notes: *Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x3.06 for efficiency and within limits shown:

- f = 12" maximum, 4" minimum (End of sign to ϕ of nearest bracket)
- g = 12" maximum, 4" minimum (End of walkway grating to ϕ of nearest support bracket)
- h = 6'-0" maximum (ϕ to ϕ sign and/or walkway support brackets, WF(A-N)4x3.06)

For Details T and W, Section B-B and Grating Splice Details, see Base Sheet OS-A-10-DMS.
For Handrail Splice Details, see Base Sheet OS-A-11.

Structure Number	Station	a	b	c	L _s	Walkway Grating and Handrail Lengths
IS016T094L055.41	4598+65	6.70'	14.47'	15.88'	26.08'	56.43'

DESIGNED	19
CHECKED	EXAMINED
DRAWN	PASSED
CHECKED	ENGINEER OF BRIDGES AND STRUCTURES

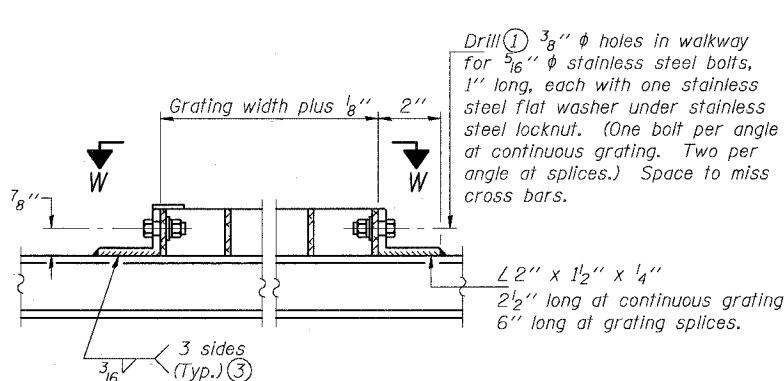
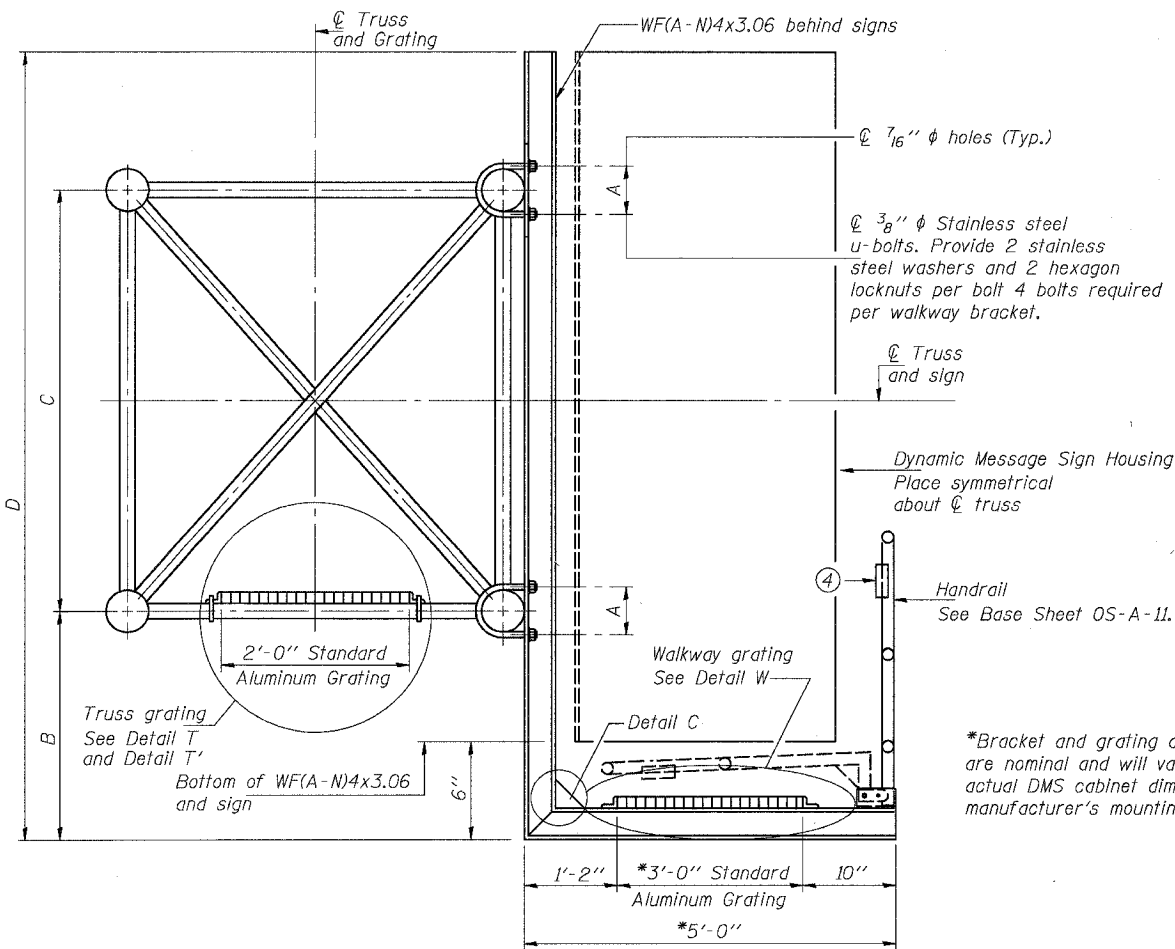
NUMBER	REVISION	DATE

OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS

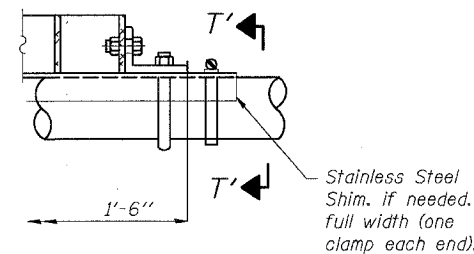
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.			556	295

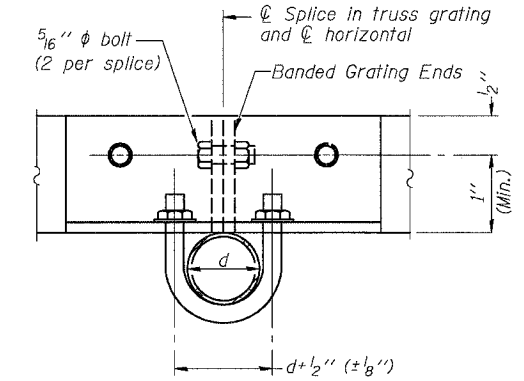


DETAIL W
(Walkway grating)

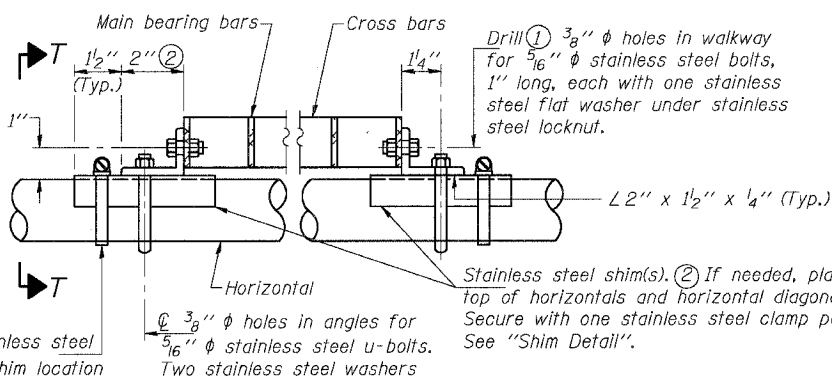


DETAIL T'

(Truss grating splice)
Details not shown same as Detail T.
Alternate materials may be used subject to the Engineer's review and approval.

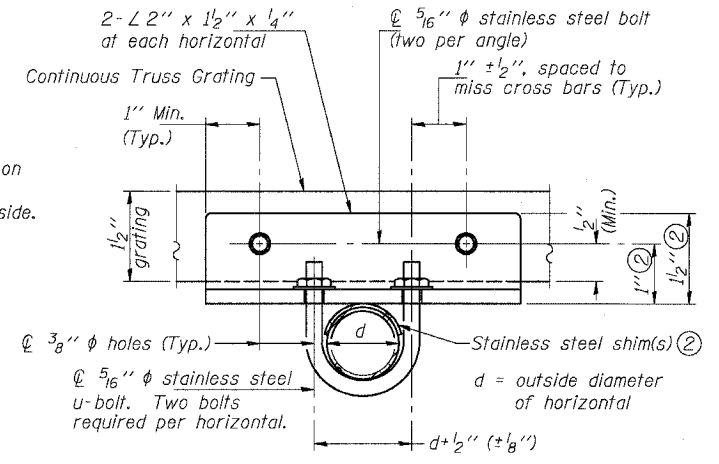


SECTION T'-T'



DETAIL T

(Continuous Truss grating)



SECTION T-T

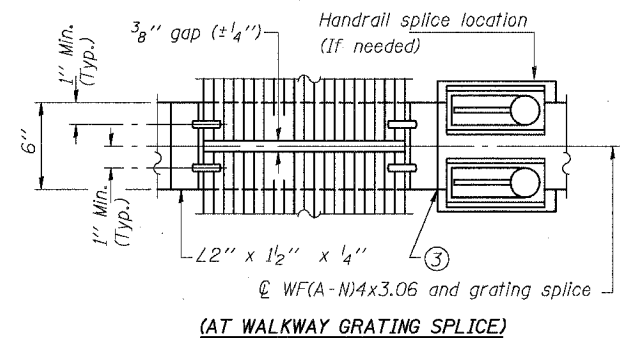
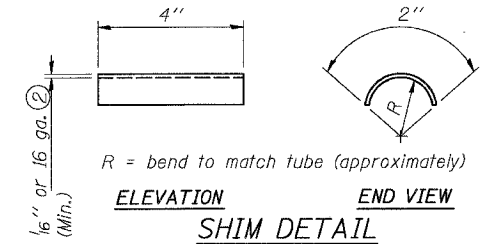
SPECIFICATIONS FOR STANDARD ALUMINUM GRATING

Main Bearing Bars shall be 3/16 inch x 1 1/2 inch on 1 3/16 inch centers and conform to ASTM B221 Alloy 6061-T6.
Cross bars shall be 3/16 inch x 1 1/2 inch on 4 inch centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

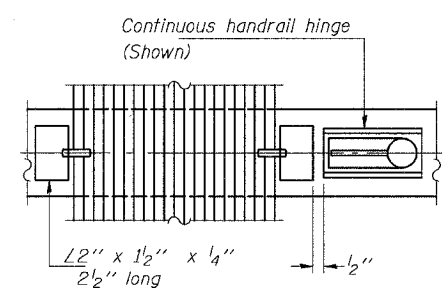
OR

Aluminum Grating with modified "T" sections for main bearing bars shall meet the following requirements:
Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.³ per bar, a depth of 1 1/2 inch, spaced on 1 3/16 inch centers.
Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4 inch centers.

SECTION B-B

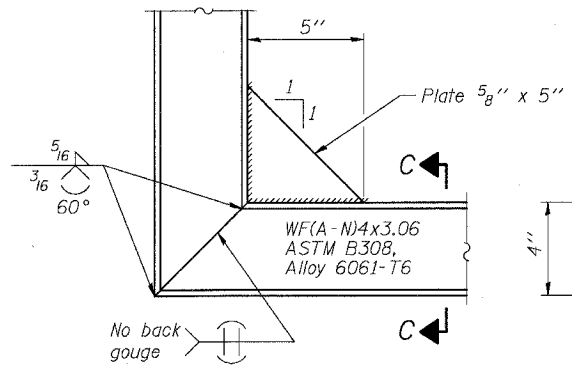


(AT WALKWAY GRATING SPLICE)



(CONTINUOUS WALKWAY GRATING)

SECTION W-W



DETAIL C

(See Detail P, Base Sheet OS-A-11.)

SECTION C-C

DESIGNED	19
CHECKED	EXAMINED
DRAWN	PASSED
CHECKED	ENGINEER OF STRUCTURAL SERVICES
	ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

Structure Number	Station	A	B	C	D
IS016T094L055.41	4598+65	7 1/2'	1.25'	7.0'	9.00'

- Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- If Handrail Joint present, weld angle to WF(A-N)4 and 1/4 inch extension bars. (See Base Sheet OS-A-11.)
- 1/8 inch x 1/2 inch x 2 inch welded to handrail posts to protect locations that contact grating.

SGN-17
**OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS**
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
90/94	*	COOK	556	299	- SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		
62300		* (1818, ETC., 2324.6-1P)R-8			

NOTES:

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Q_u) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

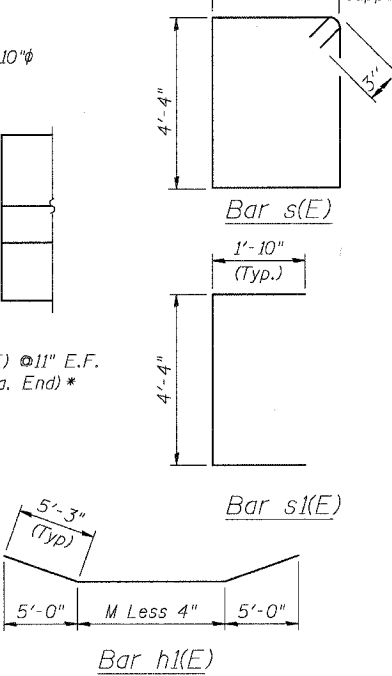
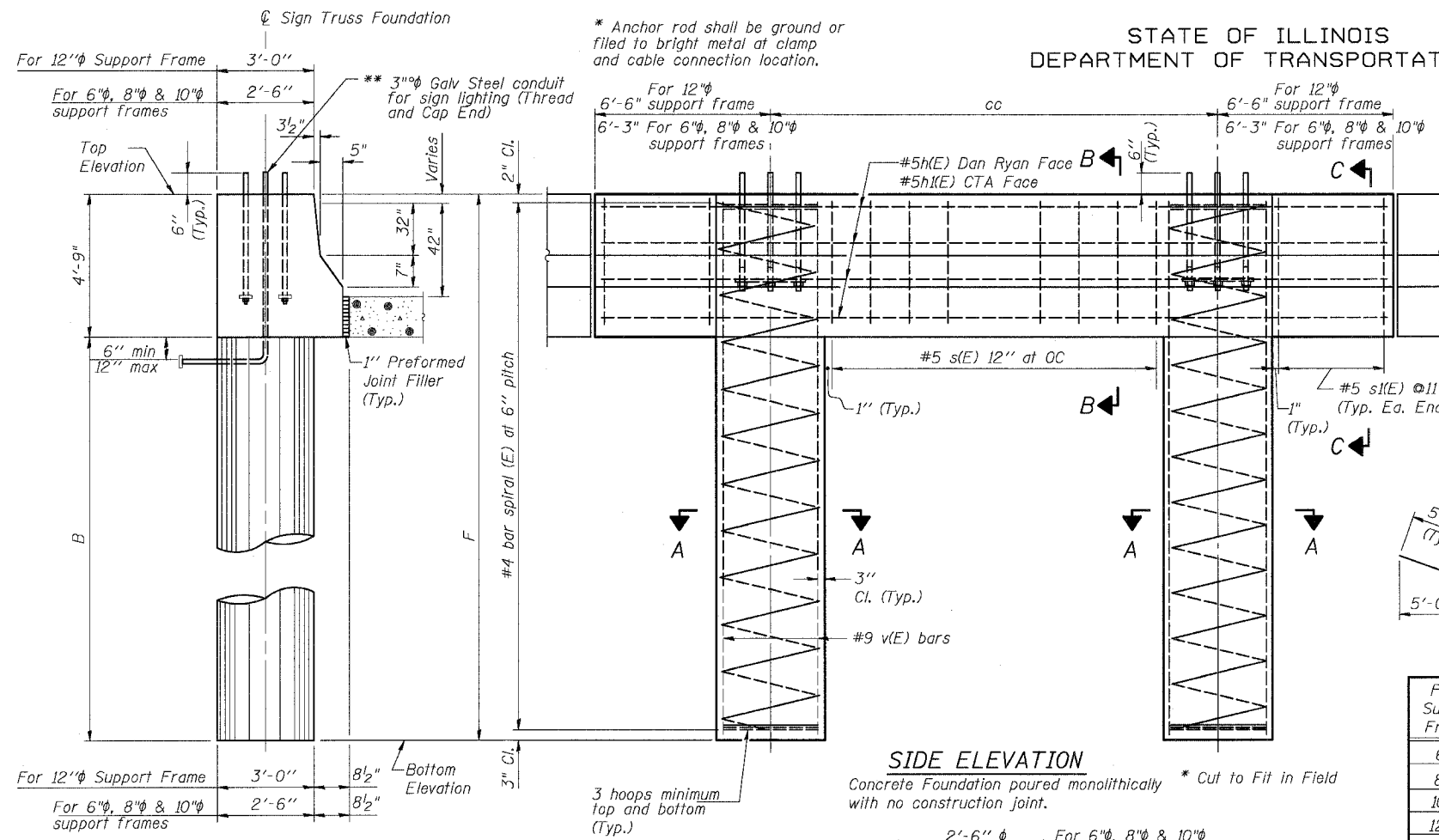
Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".

Face of median support foundation shall match dimensions of permanent barrier wall F shape.

Refer to CONTRACT 62583 for location and orientation of the conduit.



BAR LIST - EACH FOUNDATION

Pipe Support Frames	cc	M	a	a/2
6"φ	7'-0"	9'-6"	0'-11"	5 1/2"
8"φ	7'-6"	10'-0"	1'-1 1/2"	6 3/4"
10"φ	8'-3"	10'-9"	1'-3"	7 1/2"
12"φ	9'-0"	12'-0"	1'-6"	9"

Bar	Number	Size	Length	Shape
h(E)	6	#5	L less 0'-4"	—
h(E)	4	#5	M less 4"+10'-6"	—
s(E)	Varies	#5	14'-6"	□
s(E)	24	#5	8'-0"	□
v(E)	24	#9	F less 0'-5"	—
v(E)	16	#19	F less 0'-5"	—

#4(E) bar spiral - see Side Elevation

SIDE ELEVATION

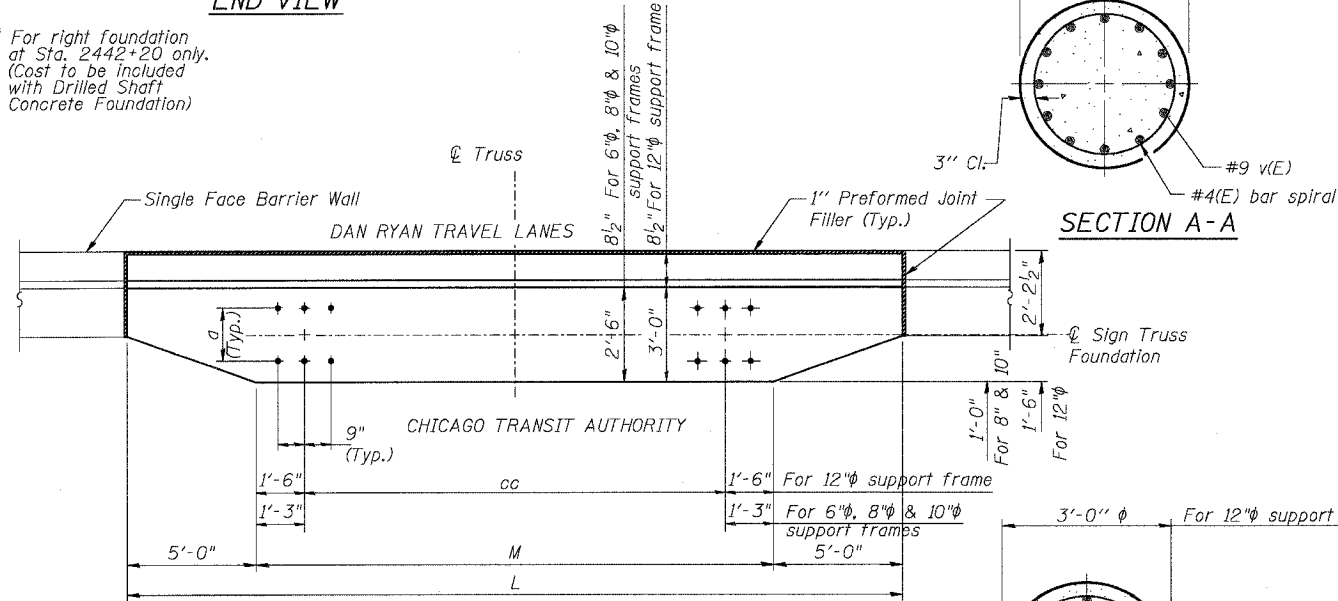
Concrete Foundation poured monolithically * Cut to Fit in Field with no construction joint.

RIGHT FOUNDATION USES DOUBLE FACE MEDIAN SUPPORT

Structure Number	Station	Left Foundation		Right Foundation		Class SI Concrete (Cu. Yds.)	
		Elevation Top	Elevation Bottom	B	F		Elevation Top
ISO161094L055.41	4598+65	14.83	-7.92	18.0'	22.75'	14.7	
ISO161094L058.4	2442+20	5.97	-13.28	14.5'	19.25'	12.0	

END VIEW

** For right foundation at Sta. 2442+20 only. (Cost to be included with Drilled Shaft Concrete Foundation)



SECTION A-A

SECTION A-A

SECTION B-B

SECTION C-C

DESIGNED	20
CHECKED	EXAMINED
DRAWN	PASSED
CHECKED	ENGINEER OF BRIDGES AND STRUCTURES

**OVERHEAD SIGN STRUCTURES
MEDIAN SUPPORT FOUNDATION DETAILS**

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

OVERHEAD SIGN STRUCTURES

ADDENDUM 1 8/12/05

MODIFIED FROM OS4-MED

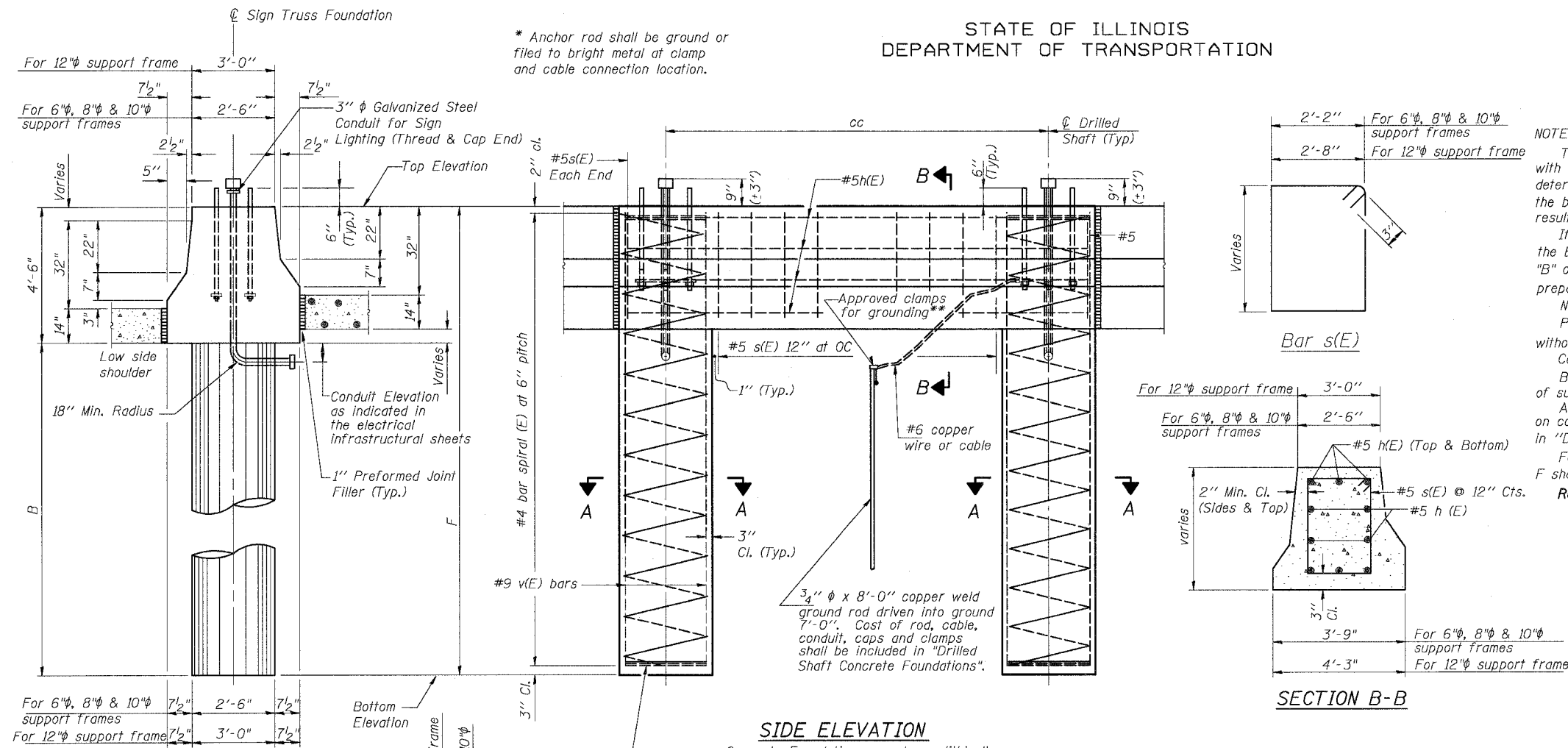
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
90/94	*	COOK	556	300	- SHEETS
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT-					
62300 • (1818, ETC, 2324.6-1P) R-8					

* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.



NOTES:

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".

Face of median support foundation shall match dimensions of permanent barrier wall F shape.

Refer to CONTRACT 62583 for orientation and location of the conduit.

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
h(E)	10	#5	M less 0'-4"	—
s(E)	9	#5	Varies	□
v(E)	24	#9	F less 0'-5"	—
v(E)	16	#9	F less 0'-5"	—
#4(E) bar spiral - see Side Elevation				

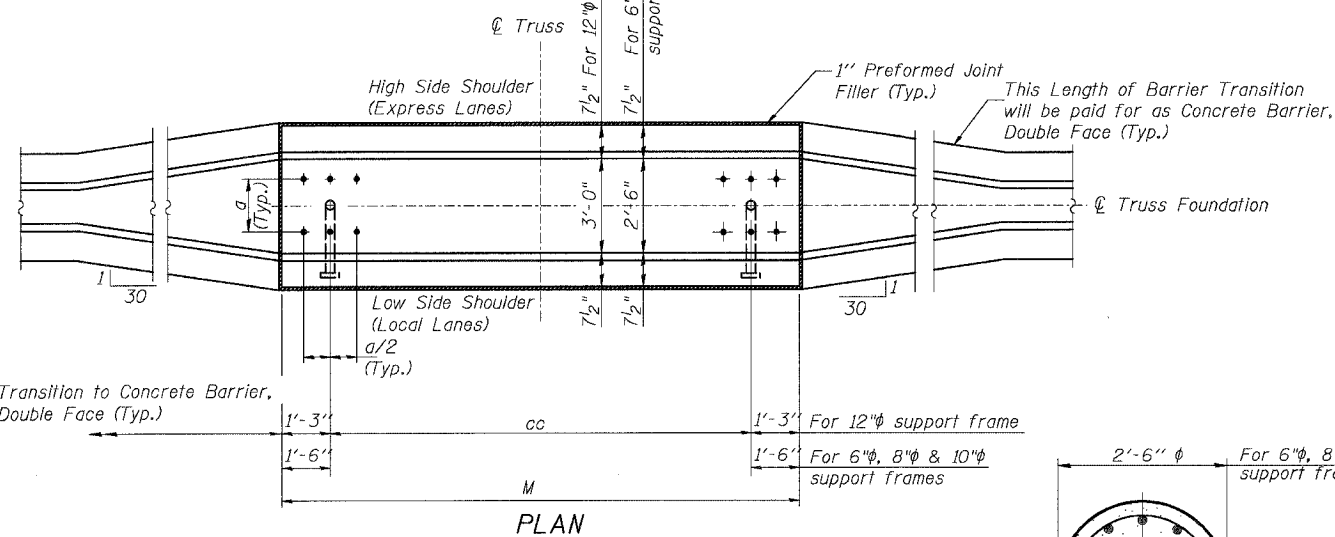
SIDE ELEVATION

Concrete Foundation poured monolithically with no construction joint.

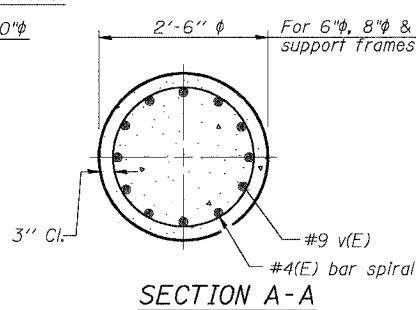
LEFT FOUNDATION USES SINGLE FACE MEDIAN SUPPORT FOUNDATION

Pipe Support Frame	Structure Number	Station	Left Foundation		Right Foundation		Class SI Concrete (Cu. Yds.)				
			Elevation Top	Elevation Bottom	B	F		Elevation Top	Elevation Bottom	B	F
12"φ	ISO161094L055.41	4598+65	-	-	-	-	14.84'	-9.16	18.0'	24.0'	14.7
10"φ	ISO161094L056.6	4536+00±	8.39	-14.00	16.5'	21.5'	-	-	-	-	11.2
8"φ	ISO161094L056.43	4545+35±	11.00	-11.11	14.5'	20.14'	-	-	-	-	9.9
8"φ	ISO161094L055.94	4571+00±	1.71	-10.22	14.5'	11.93'	-	-	-	-	10.2
12"φ	ISO161094L055.40	4599+00±	13.72	-11.20	18.0'	24.92'	-	-	-	-	17.0

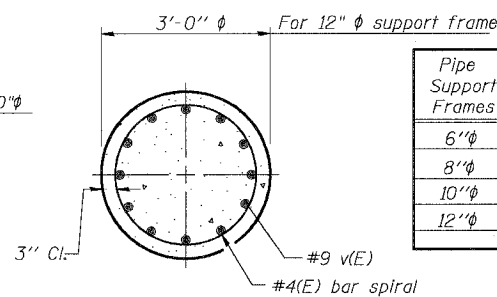
END VIEW



PLAN



SECTION A-A



SECTION B-B

Pipe Support Frames	cc	M	a	a/2
6"φ	7'-0"	9'-6"	0'-11"	5 1/2"
8"φ	7'-6"	10'-0"	1'-1 1/2"	6 3/4"
10"φ	8'-3"	10'-9"	1'-3"	7 1/2"
12"φ	9'-0"	12'-0"	1'-6"	9"

DESIGNED	-	20
CHECKED	-	EXAMINED
DRAWN	-	PASSED
CHECKED	-	ENGINEER OF BRIDGES AND STRUCTURES

MODIFIED FROM OS4-MED

ADDENDUM 1 8/12/05

OVERHEAD SIGN STRUCTURES
MEDIAN SUPPORT FOUNDATION DETAILS

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SGN-20

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