

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	2
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62300		• (1818, ETC, 2324.6-IPR-8		

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I-1

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REVISIONS	
NAME	DATE
△ ADDENDUM 2	9/16/05

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

SCALE:
DATE: 7/7/05

DRAWN BY: LPN
CHECKED BY: PJM

09/15/2005 10:25:15 AM

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, THE IMPROVED SUBGRADE SHALL BE AS SHOWN ON THE CONTRACT TYPICAL SECTIONS.

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
ADDENDUM 2	9/16/05

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

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



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 CHICAGO, IL 60601

09/15/2005 10:08:03 AM

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-IP/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
				1000-2A	Y002-1C	Y032-1F	X928-2A	SFTY-2A
20200100	EARTH EXCAVATION	CU YD	178,614	178,614				
20800150	TRENCH BACKFILL	CU YD	37,283	37,283				
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	219,209	219,209				
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				
25100015	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	227,380	227,380				
42100380	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE 14" PAVEMENT	SQ YD	148,867	148,867				
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	151,835	151,835				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	8,832	8,832				
44000700	APPROACH SLAB REMOVAL	SQ YD	219				219	
44001980	CONCRETE BARRIER REMOVAL	FOOT	21,318	21,318				
44004250	PAVED SHOULDER REMOVAL	SQ YD	63,649	63,649				
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	1105	1053			112	

* SPECIALITY ITEM

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Rev. 9-19-05
 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

06/28/2005 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, 2324.6-1P)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
50300260	BRIDGE DECK GROOVING	SQ YD	212				212	
50300300	PROTECTIVE COAT	SQ YD	4398	3793			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	84,454	63,004			21,540	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	4889	4889				
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	1062	1062				
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	4533	4533				
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	1034	1034				
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	1671	1671				
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	6685	6685				
55100500	STORM SEWER REMOVAL 12"	FOOT	5124	5124				
55100700	STORM SEWER REMOVAL 15"	FOOT	4,309	4,309				
55100900	STORM SEWER REMOVAL 18"	FOOT	4,490	4,490				

* SPECIALITY ITEM

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Rev. 9-19-05
 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

12:44:08 PM
 06/28/2005

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 • (1818, ETC. 2324.6-1PR-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	276	276				△
60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	4				
60205010	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME & GRATE	EACH	4	4				△
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	55	55				
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	43	43				△
60255700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	56	56				
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	23	23				△
60500040	REMOVING MANHOLES	EACH	212	212				
60500050	REMOVING CATCH BASINS	EACH	265	265				△
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	4568	4568				△
*△ 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	1007	1007				△
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



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△ Rev. 9-19-05
△ Rev. 8-29-05

REVISIONS	
NAME	DATE

S00-3

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

PA-03009.035 Con. 148/15-CADD-V4-94/90-126-SHT 06/28/2005 02:42:47 PM

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. 1		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
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	63,771	63,771				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	24,096	24,096				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	24,950	24,950				
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	362		362			
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 @ 3FTY-3C



Rev. 9-19-05
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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

S00-4

06/28/2005 12:42:17 PM

SUMMARY OF QUANTITIES

F.A.I. RYE	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. 2324.6-1P)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		
* 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	3	3	△					
X4834090	PORTLAND CEMENT CONCRETE SHOULDERS 14"	SQ YD	32,773	32,773						
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	61	61	△					
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	213,271	213,271	△					
XX004201	PAVEMENT REINFORCEMENT 14"	SQ YD	148,867	148,867	△					
* XX004812	VIDEO TAPING OF SEWERS	FOOT	1,191	1,191						
Z0002600	BAR SPLICERS	EACH	277	20	△			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	△					

△ INDICATES PAY CODE TYPE SFTY-3N

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* SPECIALITY ITEM □ NON-PARTICIPATING

△ Rev. 9-19-05
 △ 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 DRAWN BY: TAI
 DATE: 7/7/05 CHECKED BY: PJM

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SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	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	8246	8246					
X0325081	CONCRETE SLAB HYDRO-DEMOLITION	SQ YD	237				237		
X0370927	CONCRETE BARRIER SINGLE FACE 72" (SPECIAL)	FOOT	332	332					
X0325082	CTA BARRIER REMOVAL	FOOT	21,781	21,781					
X0325083	CTA FENCE	FOOT	21,335	21,248			87		
X0325084	CTA GATES	EACH	23	23					
X0325085	TEMPORARY PAVEMENT (INTERSTATE)	SQ YD	9292	9292					
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	32,960	32,960					
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					
* 66900535	PRIORITY POLLUTANT - TCLP SOIL ANALYSIS	EACH	6	6					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2					
66402900	CHAIN LINK GATE, 6' X 6' SINGLE	EACH	23	23					

* SPECIALITY ITEM



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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 12:44:31 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, 2324.6-1)PR-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	14,707	14,707						
* X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	30,688	30,688						
* X5120905	FURNISHING SOLDIER PILES W 12X72	FOOT	1680	1680						
* X5120906	FURNISHING SOLDIER PILES W 12X106	FOOT	6620	6620						
* X5120907	FURNISHING SOLDIER PILES W 12X120	FOOT	8720	8720						
Z0018800	DRILL AND GROUT BOWEL BARS	EACH								
50200100	STRUCTURE EXCAVATION	CU YD	789	789						
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	133,635	133,635						
X2020300	EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL	CU YD	45,107	45,107						
50102400	CONCRETE REMOVAL	CU YD	8	8						
Z0072600	TRAINEES	HOURL	2000	2000						
Z0002300	BALLAST	CU YD	5894	5894						

* SPECIALITY ITEM

⊙ Y080

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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

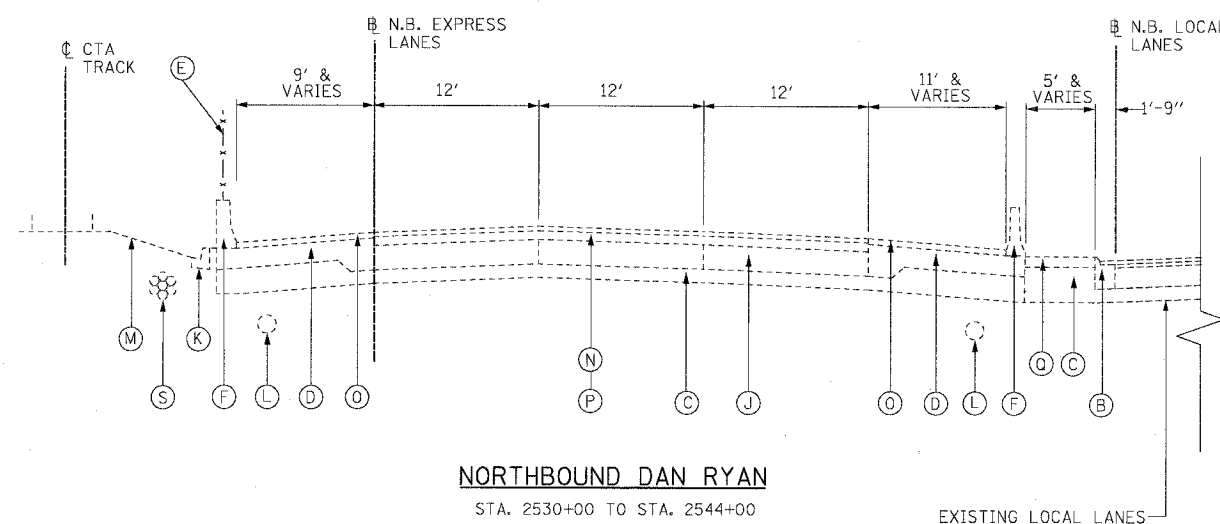
SCALE: NONE
DATE: 7/7/05

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CHECKED BY: PJM

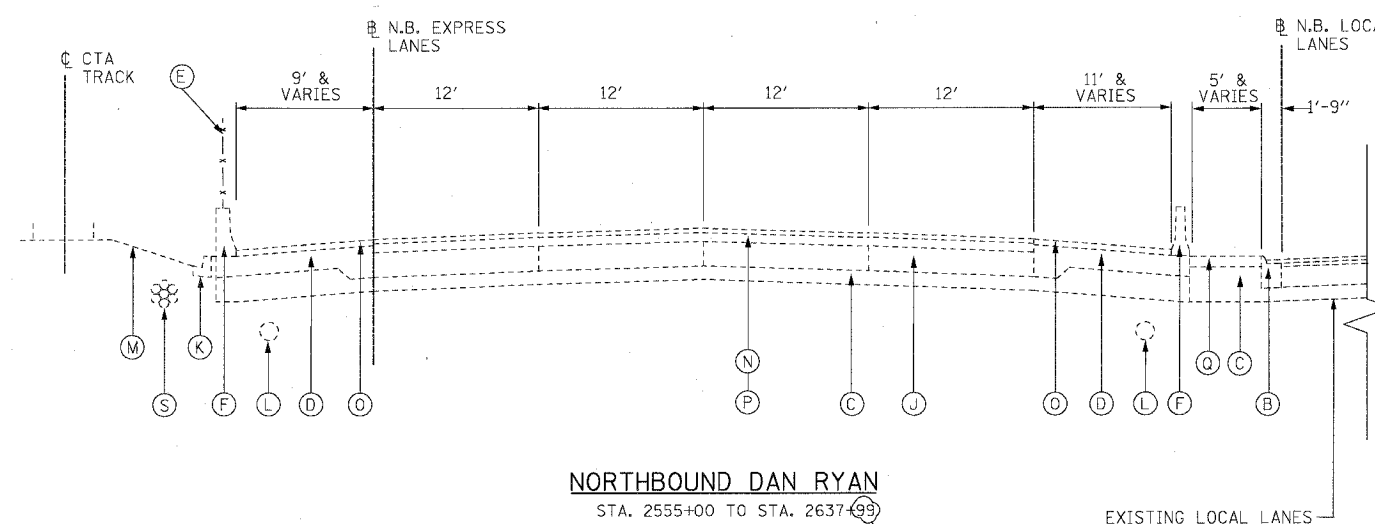
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	13
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	*1818, ETC.	2324.6-1PR-8		

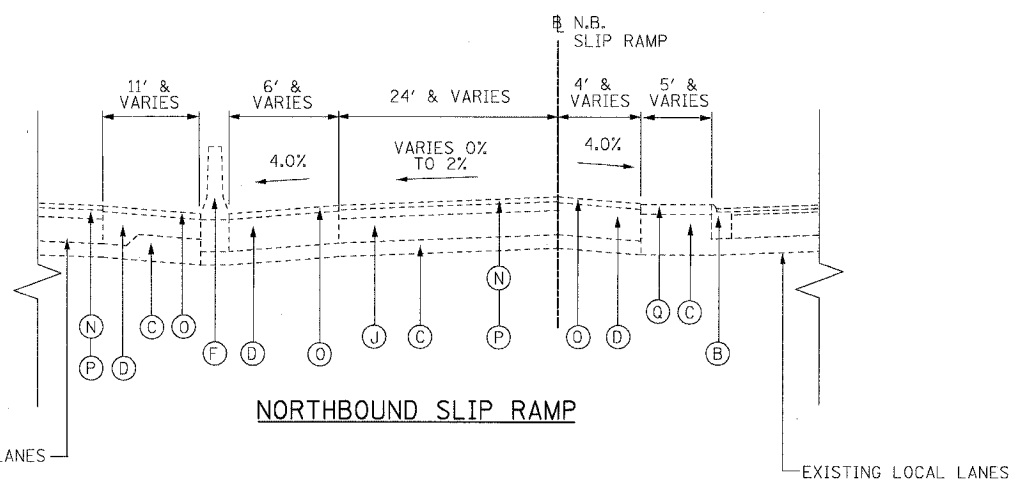


NORTHBOUND DAN RYAN
STA. 2530+00 TO STA. 2544+00



NORTHBOUND DAN RYAN
STA. 2555+00 TO STA. 2637+99

(AREA OF SLIP RAMP GORES FROM STA. 2544+00 TO STA. 2555+00 IS SIMILAR TO THE ABOVE SECTIONS)



NORTHBOUND SLIP RAMP

EXISTING CONDITIONS LEGEND

- (A) P.C.C. PAVEMENT 10"
- (B) COMBINATION CONCRETE CURB AND GUTTER
- (C) GRANULAR SUB-BASE 6" (VARIES 18"-42" FROM STA. 2582+21 TO STA. 2637+55 - SEE SCHEDULE ON THIS SHEET- AND AT SHOULDERS)
- (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, 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 BINDER COURSE, 3/2"
- (Q) 4" STABILIZED SHOULDER B.A.M.
- (R) BITUMINOUS CONCRETE SURFACE COURSE 1 3/4"
- (S) BITUMINOUS CONCRETE BASE COURSE 12 1/4"
- (S) C.T.A. FIBER OPTIC DUCT

EXISTING VARYING DEPTH SUB-BASE GRANULAR MATERIAL	
STATION	DEPTH
2582+21 - 2586+54	18"
2586+54 - 2587+54	18" - 36"
2587+54 - 2605+69	36"
2605+69 - 2607+84	36" - 18"
2607+84 - 2608+79	18"
2608+79 - 2611+84	24" - 42"
2611+84 - 2618+84	42"
2618+84 - 2622+84	42" - 18"
2622+84 - 2627+34	18" - 42"
2627+34 - 2631+64	42"
2631+64 - 2636+34	42" - 18"
2636+34 - 2637+55	18" - 26"
2637+55 - 2637+99	26"

TYP-02

NOTES:

1. THICKNESS OF EXISTING PAVEMENT AND SUB BASES ARE TAKEN FROM AS-BUILT PLANS.
2. SUPERELEVATED SECTIONS ARE SIMILAR TO TANGENT SECTIONS.
3. 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.

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312 228 0100
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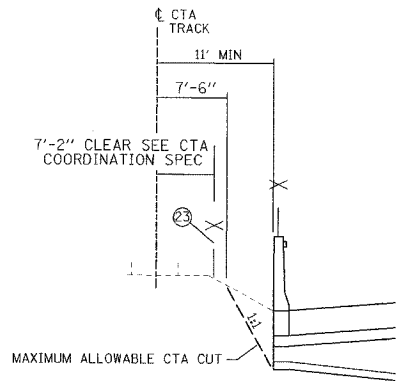
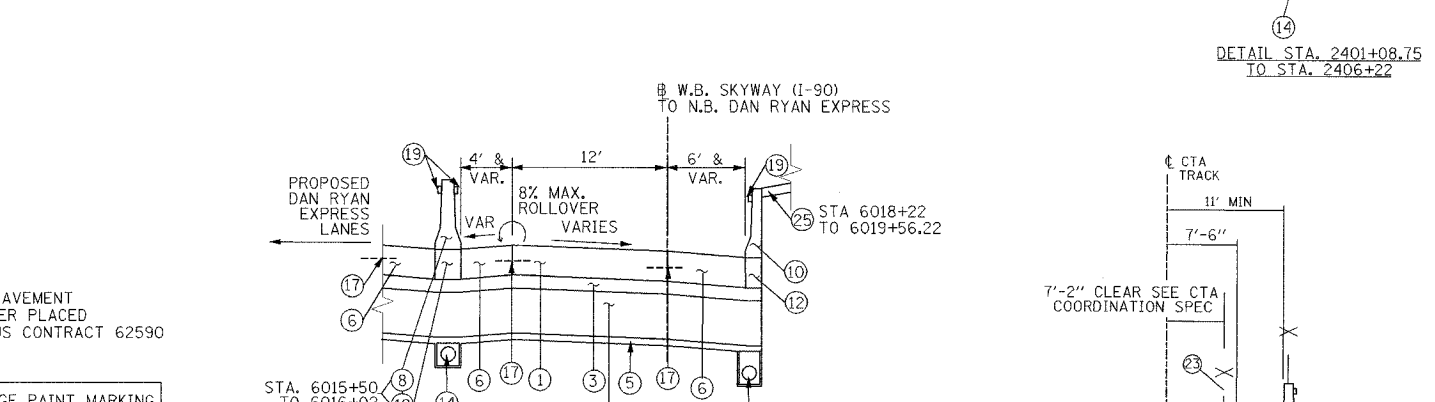
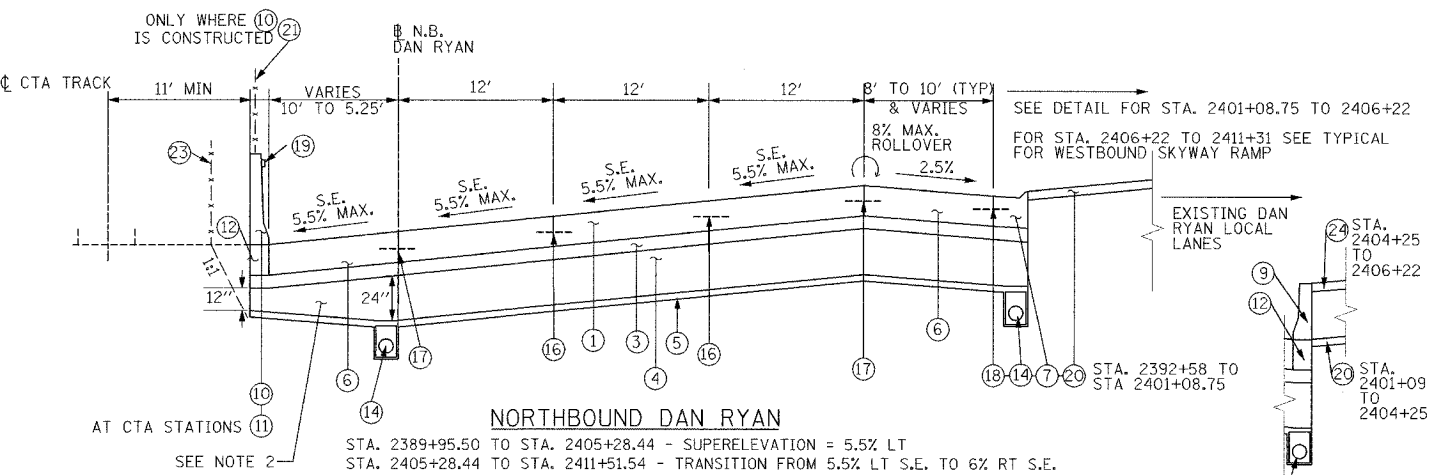
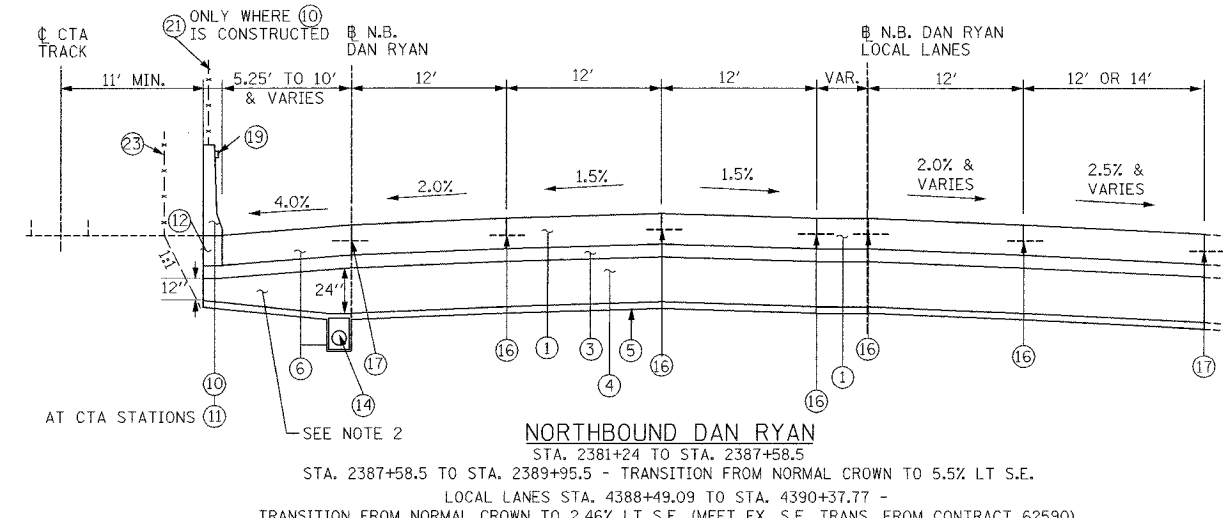
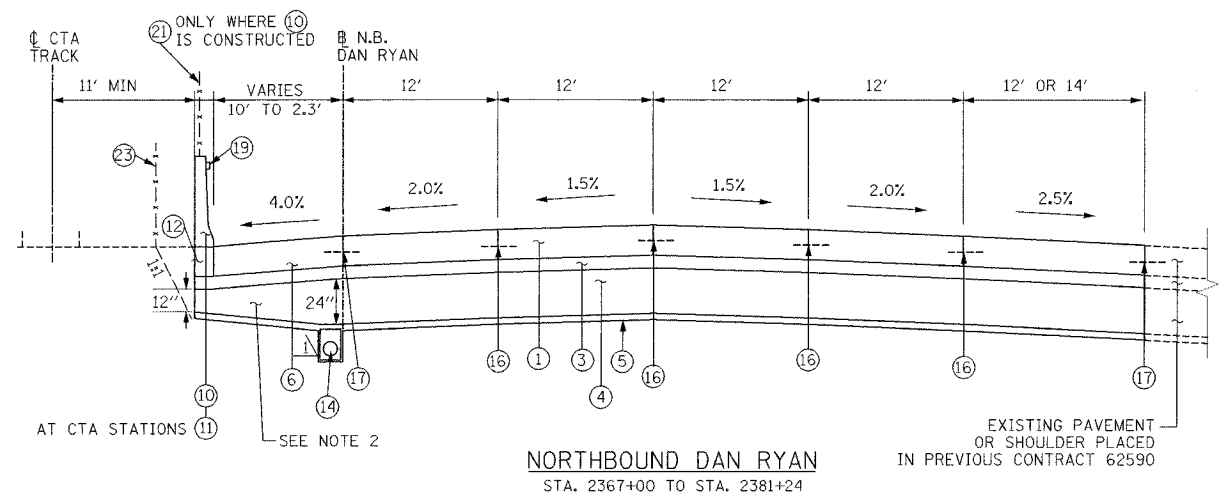
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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

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

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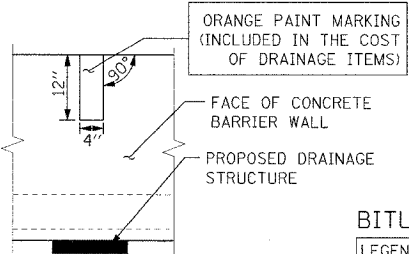
F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 14
STA. TO STA.		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		
62300		• (1818, ETC. 2324.6-1P/R-8		



STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV= 125,272	SU= 10,930
ROAD/STREET CLASSIFICATION:	MU= 31,949
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
	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%
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'

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

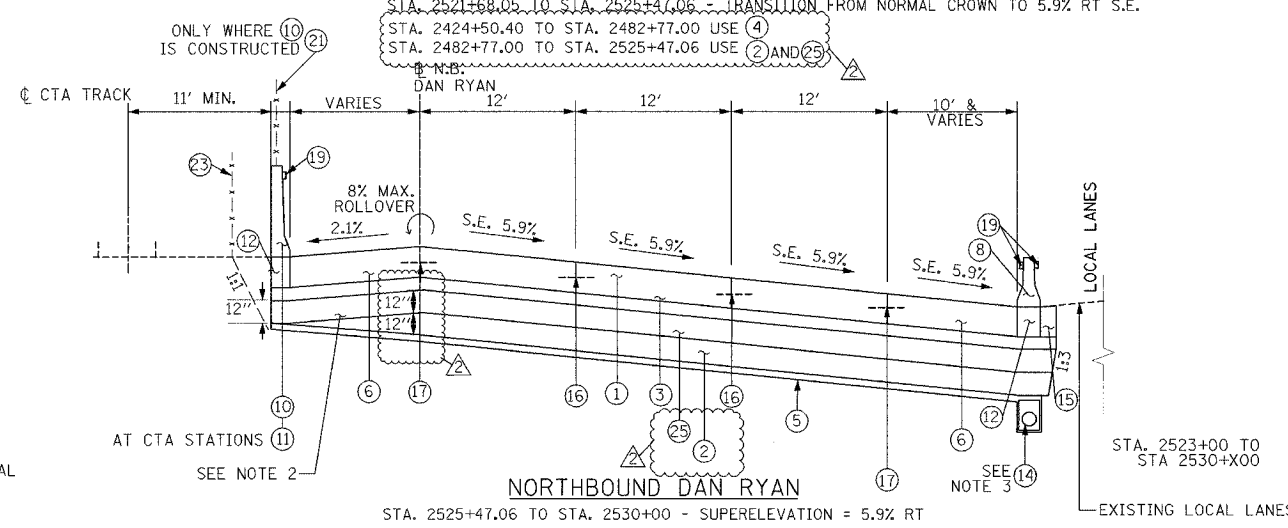
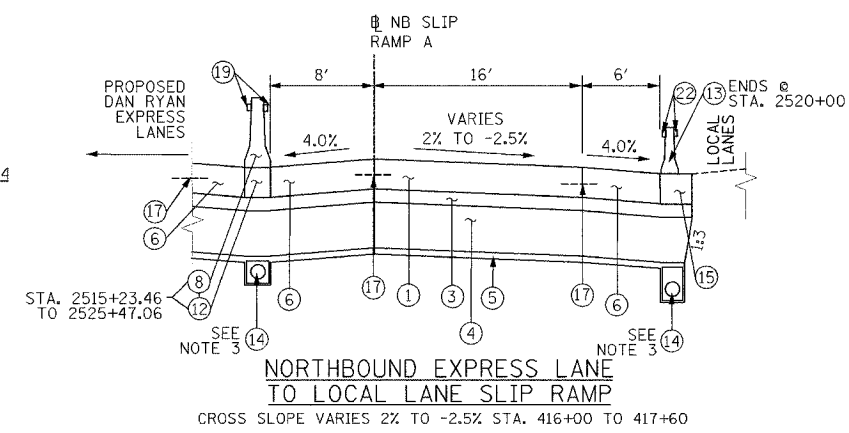
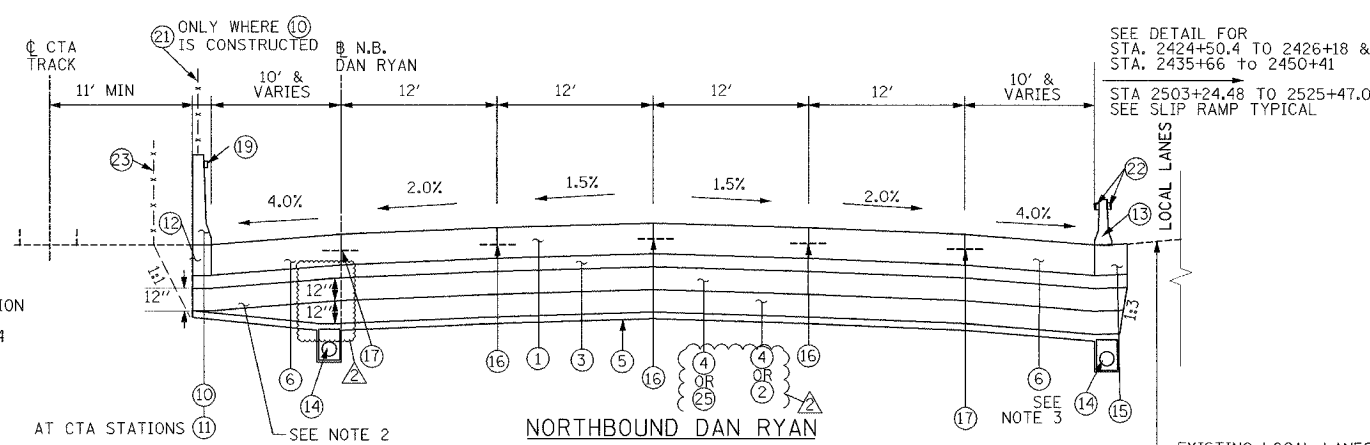
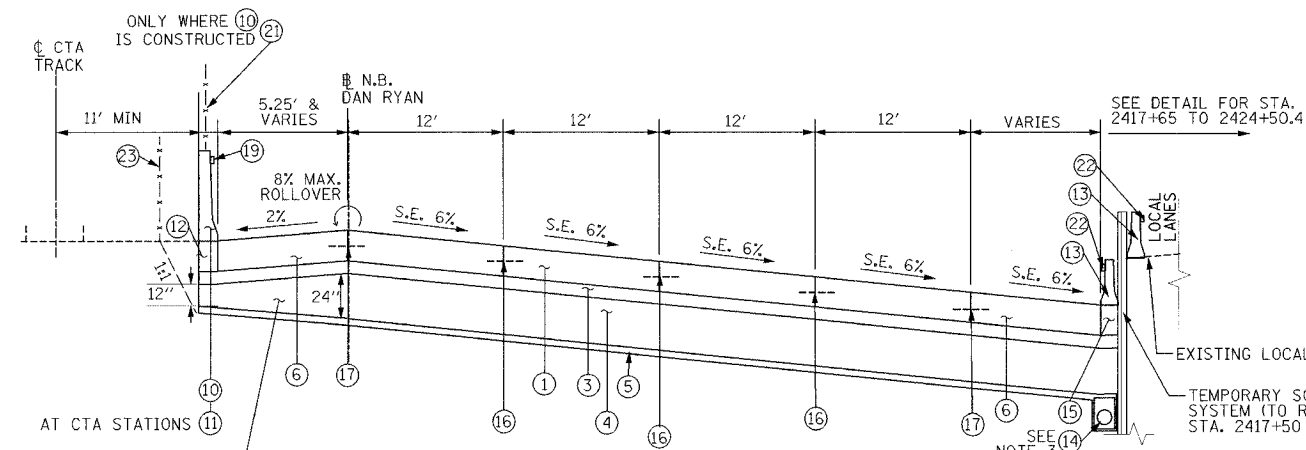
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 PROPOSED TYPICAL SECTIONS
 NORTHBOUND DAN RYAN

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

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	15
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
62300		(1818, ETC, 2324.6-IPR-8		



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"

STRUCTURAL DESIGN TRAFFIC:

PV= 125,272	SU= 10,930	YEAR 2020
ROAD/STREET CLASSIFICATION: P= 8%	S= 37%	MU= 31,949
TRAFFIC FACTOR:	ACTUAL TF= 264.46	CLASS 1
	MINIMUM TF= 12.39	M= 37%
AC GRADE:	BINDER=-	AC TYPE= N/A
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
ADDENDUM 2	9/16/05

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

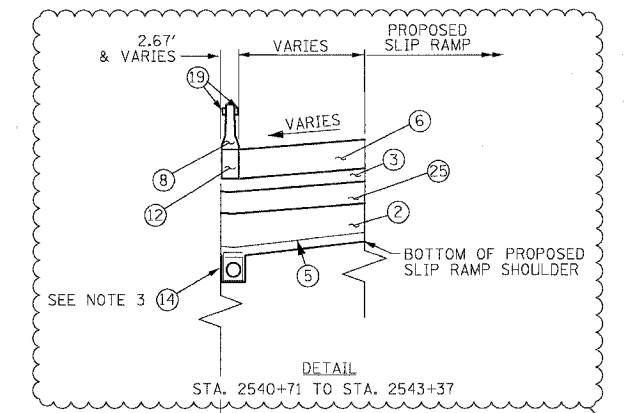
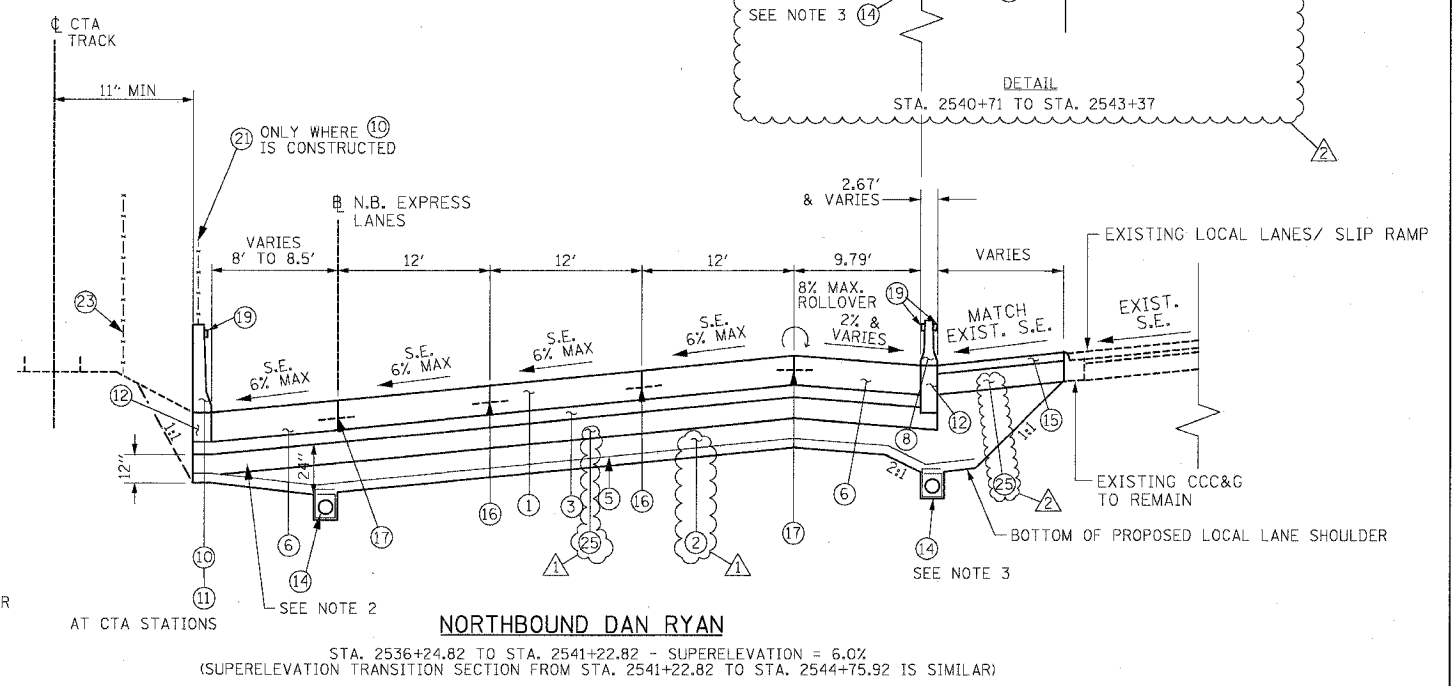
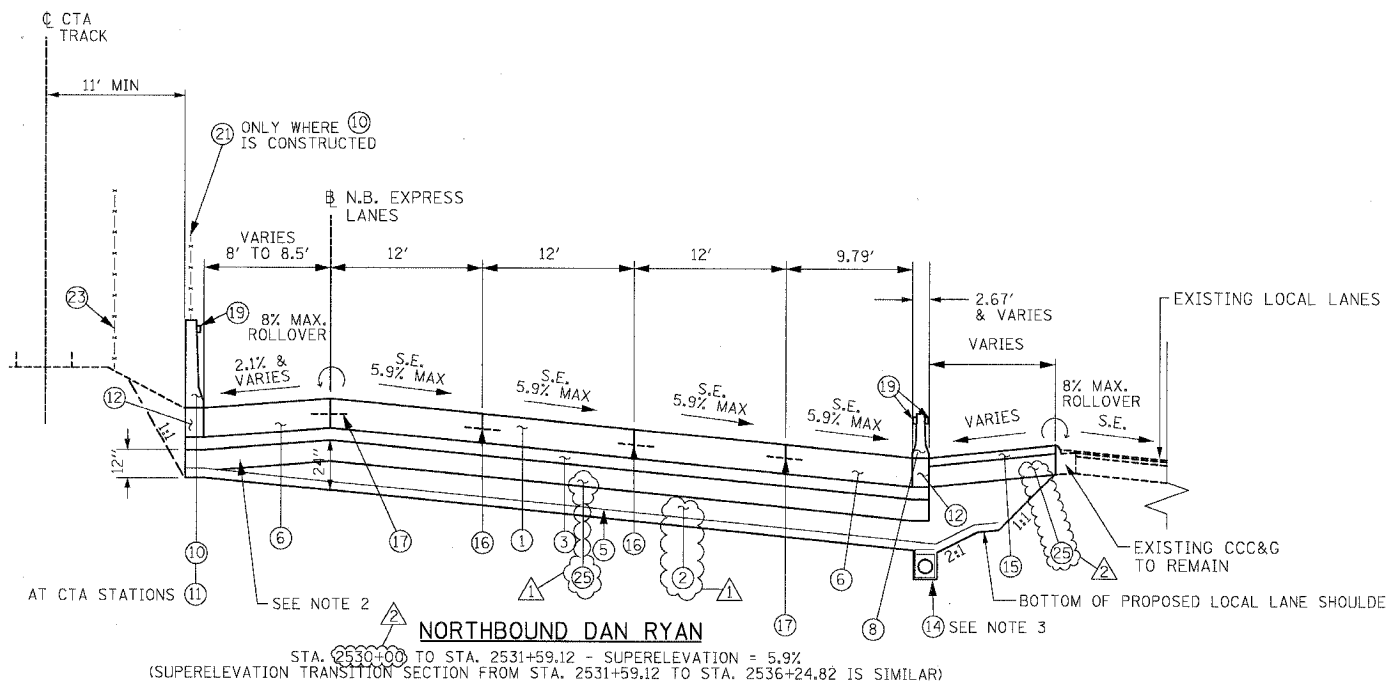
SCALE: NONE
 DATE: 7/7/05

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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PROJECT SHEETS 660 JACT 5002-07



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. |
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| | 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.

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

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

SCALE: NTS
 DATE: 07/07/05

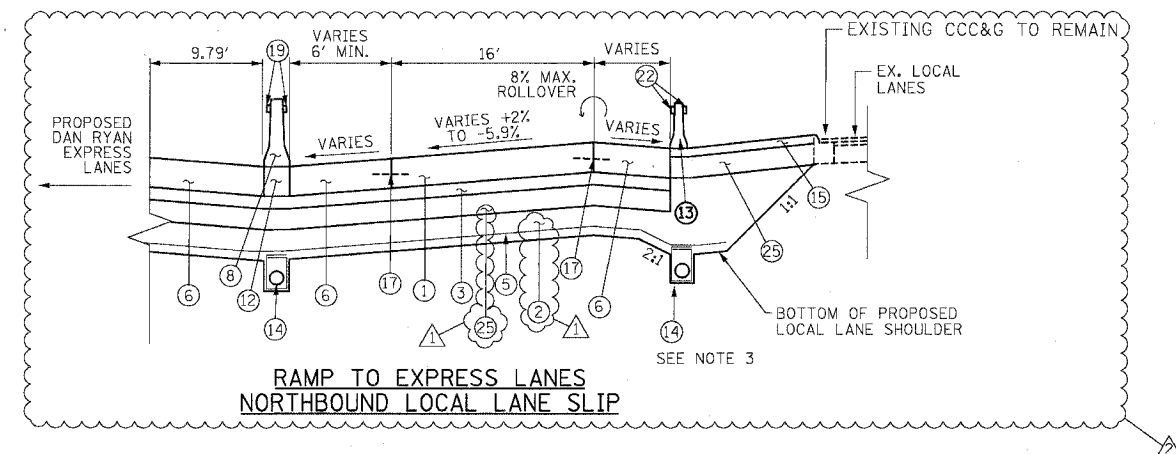
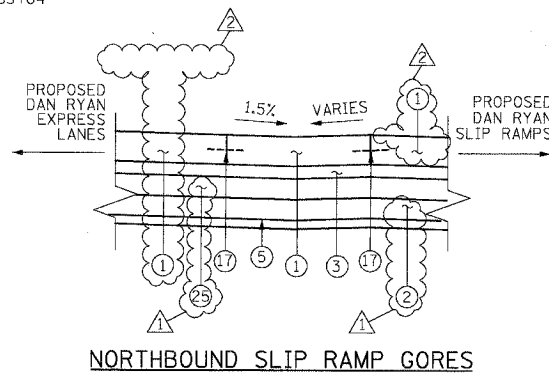
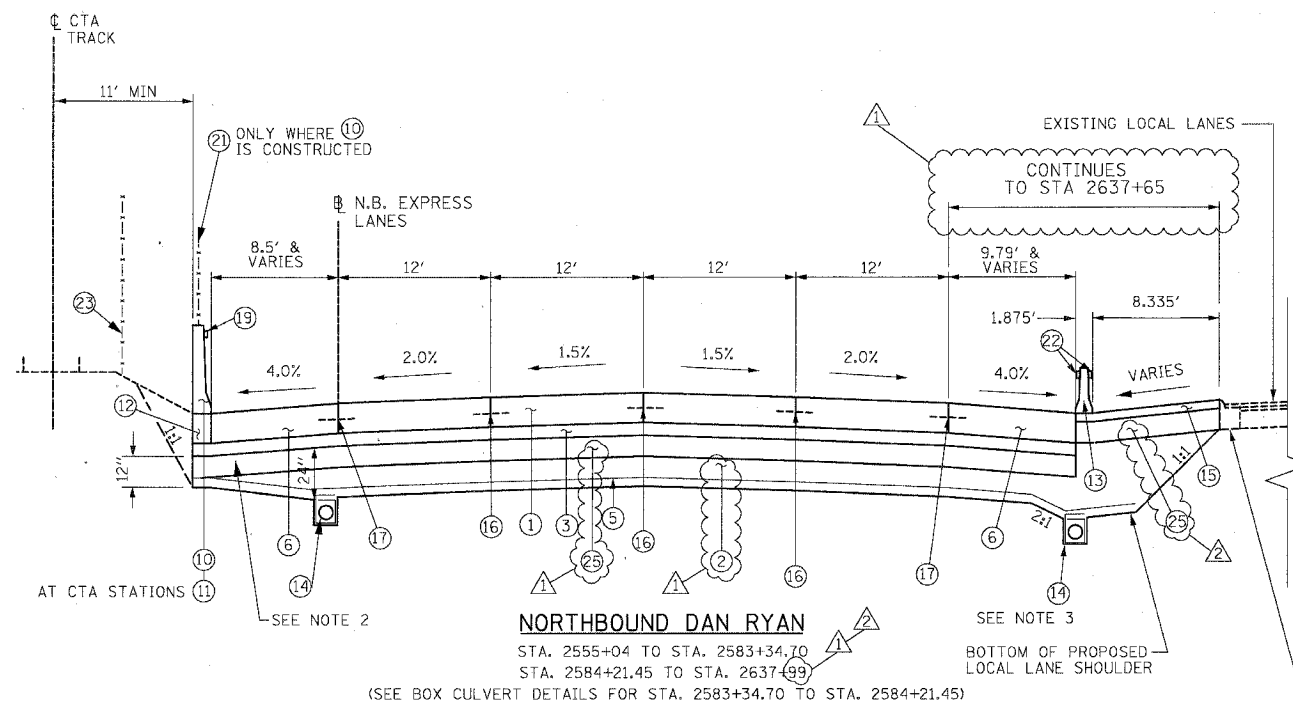
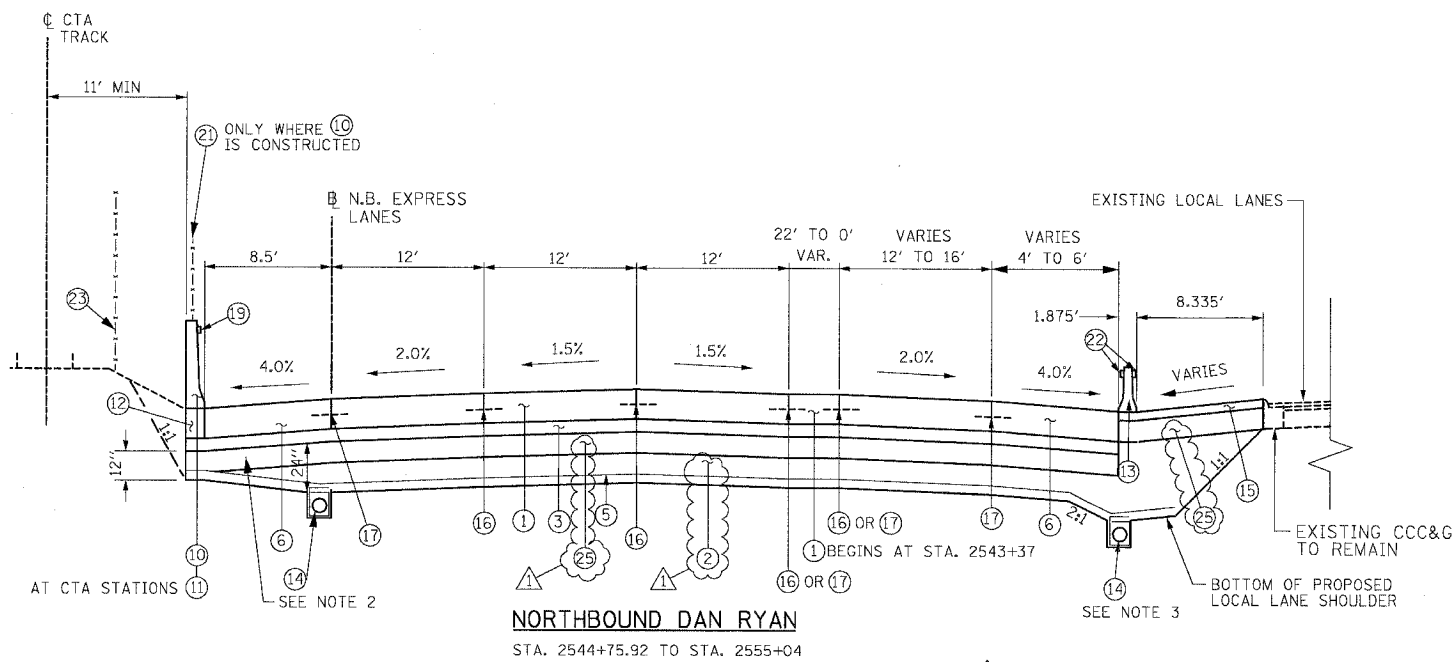
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 CHECKED BY: JDC

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

TYP-05

5/2/05 9/14/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
84/90	*	COOK	556	17
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	*1818, ETC.	2324.6-1PR-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 |
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| | ㉓ CHAIN LINK FENCE, 6' (SPECIAL) (USED DURING ADJACENT CONSTRUCTION) |
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NOTES:

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BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

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

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

TYP-06

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62300		* (1818, ETC, 2324.6-IPR-8		

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	571	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	8,476	3,329	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		1228	11365		12580	11823		11099	
2554+00	2566+00	6412	6412	2471		1054	9149		10147	9682		8883	
2566+00	2578+00	6400	6400	2471	426	591	9137		10092	9897		8871	
2578+00	2590+00	5937	5937	2264	414	659	8449		9454	9316		8201	
2590+00	2602+00	6400	6400	2440		1167	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	6407	6407	2541		1010	9181		10135	9814		8948	
TOTAL		148,867	148,867	52,773	9,685	8,246	213,271	90,155	133,635	219,029	4,568	207,782	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	6395	3291	
TOTAL		151,895	63,649	219

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

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

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

ROADWAY SCHEDULE

SCALE: NONE
 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: PJM

09/15/2005 12:35:59 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62300		• (1818, ETC, 2324.6-1P)R-8		

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		113	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		44	80	61		15	169	15		1	97
2626+00	2637+49		890	907	61		52	1003	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	1112	1100	
TOTAL		21,318	21,780	8,832

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

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

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

ROADWAY
SCHEDULE

SCALE: NONE
DATE: 7/7/05

DRAWN BY: TAI
CHECKED BY: PJM

09/15/2005 09:48:03 AM

A:\030009\035\007_148\15\CADD\ASCD\400320.SHT

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	7	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	158	975	300
2530+00	2542+00		962			238	962	
2542+00	2554+00			1062	1105	1200	1062	1105
2554+00	2566+00			1200	1059	1200	1200	1059
2566+00	2578+00			1200	1393	1200	1200	1393
2578+00	2590+00			1200	1099	1200	1200	1099
2590+00	2602+00			1200	1275	1200	1200	1275
2602+00	2614+00			1200	1107	1200	1200	1107
2614+00	2626+00			560	1728	1200	560	1728
2626+00	2637+99			1260	1109	1200	1260	1109
SKYWAY		142						
TOTAL						17,648	24,096	24,950

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



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

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

ROADWAY SCHEDULE

SCALE: NONE
 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: PJM

12-27-05 PM 0:02:20.60

TEMPORARY SOIL RETENTION SYSTEM

STATION TO STATION	TEMPORARY SOIL RETENTION SYSTEM (SQ FT)	
2372+00.00	2373+00.00	85
2373+00.00	2374+00.00	185
2374+00.00	2375+00.00	300
2413+00.00	2414+00.00	10
2414+00.00	2415+00.00	80
2415+00.00	2416+00.00	195
2416+00.00	2417+00.00	290
2417+00.00	2418+00.00	260
2418+00.00	2419+00.00	135
2419+00.00	2420+00.00	40
2432+00.00	2433+00.00	25
2433+00.00	2434+00.00	25
2450+00.00	2451+00.00	10
2451+00.00	2452+00.00	55
2452+00.00	2453+00.00	50
2453+00.00	2454+00.00	5
2461+00.00	2462+00.00	5
2462+00.00	2463+00.00	50
2463+00.00	2464+00.00	45
2464+00.00	2465+00.00	5
2465+00.00	2466+00.00	10
2466+00.00	2467+00.00	25
2467+00.00	2468+00.00	70
2468+00.00	2469+00.00	75
2469+00.00	2470+00.00	55
2470+00.00	2471+00.00	50
2471+00.00	2472+00.00	50
2472+00.00	2473+00.00	50
2473+00.00	2474+00.00	80
2474+00.00	2475+00.00	130
2483+00.00	2484+00.00	205
2484+00.00	2485+00.00	95
2485+00.00	2486+00.00	55
2486+00.00	2487+00.00	45
2487+00.00	2488+00.00	55
2488+00.00	2489+00.00	50
2489+00.00	2490+00.00	35
2490+00.00	2491+00.00	40
2491+00.00	2492+00.00	20
2492+00.00	2493+00.00	30
2493+00.00	2494+00.00	45
2494+00.00	2495+00.00	15
2495+00.00	2496+00.00	0
2496+00.00	2497+00.00	30
2497+00.00	2498+00.00	55
2498+00.00	2499+00.00	40
2499+00.00	2500+00.00	40

STATION TO STATION	TEMPORARY SOIL RETENTION SYSTEM (SQ FT)	
2500+00.00	2501+00.00	30
2501+00.00	2502+00.00	25
2502+00.00	2503+00.00	20
2506+00.00	2507+00.00	5
2507+00.00	2508+00.00	5
2521+00.00	2522+00.00	5
2522+00.00	2523+00.00	5
2523+00.00	2524+00.00	25
2524+00.00	2525+00.00	30
2525+00.00	2526+00.00	55
2526+00.00	2527+00.00	85
2527+00.00	2528+00.00	80
2620+54.00	2621+15.00	61
SUBTOTAL		3,500
FROM DRAINAGE STRUCT.		29,889
TOTAL		33,389

POLE FOUNDATION, REMOVED

STATION	OFFSET	LIGHTING FND REM (EACH)
2368+64.5	12.9 LT	1
2372+15.3	11.4 LT	1
2373+45.8	6.6 LT	1
2376+66.9	3.9 LT	1
2380+22.8	5.9 LT	1
2382+15.4	8.5 LT	1
2383+83.7	11.4 LT	1
2385+15.6	12.5 LT	1
2386+39.9	12.3 LT	1
2387+65.6	12.2 LT	1
2389+9.5	12.2 LT	1
2390+90.8	13.1 LT	1
2393+52.8	13.2 LT	1
2395+53.5	13.1 LT	1
2397+48.5	13.1 LT	1
2399+56.4	11.7 LT	1
2401+60.4	11.9 LT	1
2403+36.4	10.9 LT	1
2405+11.4	8.8 LT	1
2406+75.1	7.7 LT	1
2410+29.5	52.1 RT	1
2412+16.1	52.1 RT	1
2413+64.8	52.4 RT	1
2415+88.9	52.6 RT	1
2419+67.8	51.9 RT	1
2417+76.3	51.8 RT	1
2421+57.4	54.1 RT	1
2423+57.8	54.5 RT	1
2425+58.9	53.5 RT	1
2427+67.4	52.1 RT	1
2429+80.3	51.4 RT	1
2431+81.4	50.2 RT	1
2433+87.6	49.1 RT	1
2435+93.3	48.1 RT	1
2437+99.8	46.8 RT	1
2440+08.6	43.1 RT	1
2442+07.0	37.8 RT	1
2444+23.4	33.0 RT	1
2446+37.8	72.8 RT	1
2448+29.7	65.0 RT	1
2450+20.4	64.1 RT	1
2452+15.6	60.0 RT	1
2454+05.2	59.3 RT	1
2455+94.9	59.2 RT	1
2457+83.5	59.3 RT	1
2459+66.1	59.2 RT	1
2461+61.2	59.3 RT	1
2463+54.3	59.5 RT	1
2465+46.3	59.7 RT	1
2467+41.7	59.6 RT	1
2469+44.4	59.7 RT	1
2471+42.5	59.8 RT	1
2473+47.8	59.8 RT	1
2476+72.8	60.0 RT	1
2478+69.4	60.0 RT	1
2480+71.8	59.9 RT	1
2482+79.7	60.1 RT	1
2484+81.5	60.0 RT	1
2486+86.9	60.2 RT	1
2488+92.7	60.3 RT	1
2490+98.0	60.4 RT	1
2493+03.6	60.5 RT	1
2495+07.7	60.5 RT	1
2497+12.9	60.6 RT	1
2499+18.6	60.7 RT	1
2501+22.7	60.0 RT	1
2503+31.9	60.0 RT	1
2505+36.4	62.0 RT	1
2507+36.6	70.5 RT	1
2509+45.3	80.5 RT	1
2511+49.8	86.6 RT	1
2513+58.5	47.9 RT	1
2515+68.2	47.8 RT	1
2517+72.6	47.7 RT	1
2519+68.3	47.8 RT	1
2521+81.8	47.7 RT	1
2523+81.8	48.0 RT	1
2525+88.8	49.5 RT	1
2527+89.8	48.9 RT	1

STATION	OFFSET	LIGHTING FND REM (EACH)
2530+44.3	RT	1
2532+48.7	RT	1
2534+51.4	RT	1
2536+61.0	RT	1
2538+69.2	RT	1
2540+80.5	RT	1
2542+94.3	RT	1
2544+90.9	RT	1
2546+95.4	RT	1
2548+98.8	RT	1
2551+05.6	RT	1
2553+05.3	RT	1
2555+16.9	RT	1
2557+24.5	RT	1
2559+30.7	RT	1
2561+27.3	RT	1
2563+29.3	RT	1
2565+30.5	RT	1
2567+36.7	RT	1
2569+62.4	RT	1
2571+68.6	RT	1
2573+53.4	RT	1
2575+73.0	RT	1
2577+80.2	RT	1
2579+73.4	RT	1
2581+58.5	RT	1
2584+23.6	RT	1
2586+18.0	RT	1
2588+18.3	RT	1
2590+17.0	RT	1
2592+20.2	RT	1
2594+15.8	RT	1
2596+03.4	RT	1
2598+12.4	RT	1
2600+12.4	RT	1
2602+15.6	RT	1
2604+16.6	RT	1
2606+16.1	RT	1
2608+08.0	RT	1
2610+37.7	RT	1
2612+62.9	RT	1
2614+88.3	RT	1
2617+07.1	RT	1
2619+26.3	RT	1
2621+44.7	RT	1
2623+61.1	RT	1
2625+80.9	RT	1
2628+15.9	RT	1
2630+21.6	RT	1
2632+42.5	RT	1
2634+73.5	RT	1
2636+96.0	RT	1
TOTAL		131

ELECTRICAL ITEMS

STATION	TO STATION	CON T 2 GALVS (FOOT)	CON T 3 GALVS (FOOT)	CON ENC C 3 PVC (FOOT)	HD HANDHOLE (EACH)	HD HANDHOLE SPL (EACH)	TR & BKFIL F ELECT WK (FOOT)
1367+00	1376+00	68		68	1		68
1376+00	1387+80						
1387+80	1398+00	93		136	2		93
1398+00	1406+00						
1406+00	1416+00			60			
1416+00	1426+00						
1426+00	1436+00	18		96		2	18
1436+00	1446+50						
1446+50	1458+50	2		2	1		2
1458+50	1471+00						
1471+00	1482+50	2		54	1		2
1482+50	1495+50						
1495+50	1506+50	2			1		2
1506+50	1518+00	35		70	1		35
1518+00	1529+50						
1529+50	1536+00						
1536+00	1548+00	31		64	2		31
1548+00	1560+00						
1560+00	1572+00	12		54	1		12
1572+00	1584+00	12		54	1		12
1584+00	1596+00						
1596+00	1608+00	12	6	54	1		18
1608+00	1620+00						
1620+00	1632+00	12		54	1		12
TOTAL		299	6	766	13	2	305

NOTE: ADDITIONAL LOCATIONS AND QUANTITIES OF TEMPORARY SOIL RETENTION SYSTEM WILL BE REQUIRED TO SUPPORT AND PROTECT EXISTING SURFACE AND UNDERGROUND FACILITIES WITHIN THE CTA OPERATING AREA. THESE FACILITIES MAY INCLUDE BUT ARE NOT LIMITED TO POWER DISTRIBUTION CABLES, TRAIN CONTROL SIGNAL CABLES, TRAIN CONTROL SIGNALS, TRAIN CONTROL SIGNAL CABINETS, AND COMMUNICATION SERVICE LINES. EXACT LOCATIONS OF THESE FACILITIES ARE NOT KNOWN.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	F.A.I. 94/90 (DAN RYAN EXPRESSWAY)	
ADDENDUM 1	8/12/05	31ST STREET TO 71ST STREET	
ADDENDUM 2	9/16/05	NB EXPRESS LANE RECONSTRUCTION	
		ROADWAY SCHEDULE	
		SCALE: NONE	DRAWN BY: TAI
		DATE: 7/7/05	CHECKED BY: PJM

02/14/2005 02:32:37 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	556	228
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+99.00	351.1	333	333.0	0
TOTALS		172,720	45,107	45,107	0

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

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

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

EARTHWORK SCHEDULE

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

P:\030019\030019\Con_H&B\CADD\ASCI\40032e.SHT 09/15/2005 12:46:30 PM

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	WORKZONE PAVEMENT MARKING REMOVAL (SQ FT)	SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	WORKZONE PAVEMENT MARKING REMOVAL (SQ FT)	SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	WORKZONE PAVEMENT MARKING REMOVAL (SQ FT)	SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	WORKZONE PAVEMENT MARKING REMOVAL (SQ FT)																																																																																																																																																																																
STAGE IA MOT-4	4" SOLID (Y)	2352+00	2367+00	500	MOT-9	4" SOLID (Y)	4381+76	4387+27	184	MOT-13	4" SOLID (Y)	4502+00	4517+01	500	<table border="1"> <thead> <tr> <th>SHEET NUMBER</th> <th>LINE DESCRIPTION</th> <th>STATION</th> <th>TO STATION</th> <th>WORKZONE PAVEMENT MARKING REMOVAL (SQ FT)</th> </tr> </thead> <tbody> <tr> <td>MOT-18A</td> <td>4" SOLID (W)</td> <td>4616+00.00</td> <td>4617+93.60</td> <td>66</td> </tr> <tr> <td>4" SOLID (W+Y)</td> <td>4619+92.80</td> <td>4623+10.90</td> <td>179</td> </tr> <tr> <td>4" 6'S-2'D</td> <td>4616+00.00</td> <td>4617+93.60</td> <td>16</td> </tr> <tr> <td>8" GORE</td> <td>4616+00.00</td> <td>4619+92.80</td> <td>531</td> </tr> <tr> <td>12" @ GORE (DIAGONAL)</td> <td>4616+00.00</td> <td>4619+92.80</td> <td>39</td> </tr> <tr> <td>STAGE II MOT-19</td> <td>4" SOLID (Y)</td> <td>4428+00</td> <td>4442+00</td> <td>467</td> </tr> <tr> <td>4" 6'S - 2'D (W)</td> <td>4428+00</td> <td>4432+00</td> <td>33</td> </tr> <tr> <td>4" SOLID (W)</td> <td>4436+98</td> <td>4442+00</td> <td>167</td> </tr> <tr> <td>8" 8" SOLID (W)</td> <td>4432+00</td> <td>4436+98</td> <td>332</td> </tr> <tr> <td>8" 8" SOLID (W)</td> <td>4432+00</td> <td>4436+98</td> <td>332</td> </tr> <tr> <td>12" 12" SOLID (W)</td> <td>4432+00</td> <td>4436+98</td> <td>153</td> </tr> <tr> <td>12" @ SHLDR. (DIAGONAL)</td> <td>4436+98</td> <td>4442+00</td> <td>122</td> </tr> <tr> <td>MOT-20</td> <td>4" SOLID (Y)</td> <td>2442+00</td> <td>2457+00</td> <td>500</td> </tr> <tr> <td>4" SOLID (W)</td> <td>2442+00</td> <td>2457+00</td> <td>500</td> </tr> <tr> <td>4" SOLID (Y)</td> <td>2457+00</td> <td>2472+00</td> <td>500</td> </tr> <tr> <td>4" SOLID (W)</td> <td>2457+00</td> <td>2472+00</td> <td>500</td> </tr> <tr> <td>12" @ SHLDR. 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(DIAGONAL)</td> <td>2472+00</td> <td>2502+00</td> <td>151</td> </tr> <tr> <td>MOT-22</td> <td>8" SOLID (W)</td> <td>4520+00</td> <td>4523+76</td> <td>251</td> </tr> <tr> <td>8" SOLID (W)</td> <td>4520+00</td> <td>4523+76</td> <td>251</td> </tr> <tr> <td>8" 12'S - 3'D (W)</td> <td>4528+00</td> <td>4530+00</td> <td>33</td> </tr> <tr> <td>12" 12" SOLID (W)</td> <td>4520+00</td> <td>4523+76</td> <td>122</td> </tr> <tr> <td>12" @ SHLDR. 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DIAG.</td> <td>4541+99.00</td> <td>4637+65.00</td> <td>270</td> </tr> </tbody> </table>	SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	WORKZONE PAVEMENT MARKING REMOVAL (SQ FT)	MOT-18A	4" SOLID (W)	4616+00.00	4617+93.60	66	4" SOLID (W+Y)	4619+92.80	4623+10.90	179	4" 6'S-2'D	4616+00.00	4617+93.60	16	8" GORE	4616+00.00	4619+92.80	531	12" @ GORE (DIAGONAL)	4616+00.00	4619+92.80	39	STAGE II MOT-19	4" SOLID (Y)	4428+00	4442+00	467	4" 6'S - 2'D (W)	4428+00	4432+00	33	4" SOLID (W)	4436+98	4442+00	167	8" 8" SOLID (W)	4432+00	4436+98	332	8" 8" SOLID (W)	4432+00	4436+98	332	12" 12" SOLID (W)	4432+00	4436+98	153	12" @ SHLDR. (DIAGONAL)	4436+98	4442+00	122	MOT-20	4" SOLID (Y)	2442+00	2457+00	500	4" SOLID (W)	2442+00	2457+00	500	4" SOLID (Y)	2457+00	2472+00	500	4" SOLID (W)	2457+00	2472+00	500	12" @ SHLDR. (DIAGONAL)	2442+00	2472+00	122	MOT-21	4" SOLID (Y)	2472+00	2487+00	500	4" SOLID (W)	2472+00	2487+00	500	4" SOLID (Y)	2487+00	2502+00	500	4" SOLID (W)	2487+00	2502+00	500	4" SOLID (Y)	2502+00	2517+00	500	4" SOLID (W)	2502+00	2517+00	500	4" SOLID (Y)	2517+00	2530+00	433	4" SOLID (W)	2517+00	2530+00	100	4" 6'S - 2'D (W)	4523+76	4528+00	35	12" @ SHLDR. (DIAGONAL)	2472+00	2502+00	151	MOT-22	8" SOLID (W)	4520+00	4523+76	251	8" SOLID (W)	4520+00	4523+76	251	8" 12'S - 3'D (W)	4528+00	4530+00	33	12" 12" SOLID (W)	4520+00	4523+76	122	12" @ SHLDR. (DIAGONAL)	2502+00	2530+00	96	STAGE II MOT-23	LET/SYM LEFT TURN ONLY	4531+50.00		36	LET/SYM LEFT TURN ONLY	4534+80.00		36	4" SOLID (Y)	4541+99.00	4626+05.00	2,802	4" SOLID (W)	4541+99.00	4626+05.00	2,802	8" 12'S - 3'D (W)	4529+80.00	4534+70.00	65	8" @ GORES X 2	4534+70.00	4541+99.00	972	8" SOLID (W)	4529+80.00	454199	813	MOT-24	4" SOLID (W)	4541+99.00	4642+29.00	3,343	4" SOLID (Y)	4541+99.00	4642+29.00	3,343	12" @ SHLDR. DIAG.	4541+99.00	4637+65.00	270
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CONTINUED ON NEXT SHEET

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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

MAINTENANCE OF TRAFFIC SCHEDULE

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

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	
PMK-4		⊗ GORES	4436+38	4443+93	503
	⊗ GORES	4436+38	4443+93	503	
	⊗ GORES	4437+32	4442+80	365	
	⊗ GORES	4437+32	4442+80	365	
	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	PAVEMENT MARKING REMOVAL (SQ FT)
MOT-14	4" SOLID (W)	4540+70.00	4542+31.00	54
	4" SOLID (W)	4550+00.00	4554+05.00	135
	4" 6'S - 2'D (W)	4543+00.00	4546+90.00	33
	5" 30'S - 10'D (W)	4529+80.00	4554+05.00	505
	8" 6'S - 2'D (W)	4529+80.00	4535+10.00	88
	8" SOLID (W)	4535+10.00	4540+50.00	360
	8" SOLID (W)	4537+00.00	4541+50.00	300
	8" SOLID (W)	4542+31.00	4543+00.00	46
	8" SOLID (W)	4546+90.00	4550+00.00	207
	12" SOLID (W)	4542+31.00	4543+00.00	20
	12" SOLID (W)	4546+90.00	4550+00.00	40
	MOT-15	4" SOLID (W)	4554+05.00	4564+00.00
4" SOLID (W)		4573+90.00	4578+05.00	138
4" 6'S - 2'D (W)		4565+80.00	4571+00.00	43
5" 30'S - 10'D (W)		4554+05.00	4578+05.00	500
8" SOLID (W)		4564+00.00	4565+80.00	120
8" SOLID (W)		4571+00.00	4573+90.00	193
12" SOLID (W)		4564+00.00	4565+80.00	12
12" SOLID (W)		4571+00.00	4573+90.00	27
MOT-16		4" SOLID (W)	4578+05.00	4582+50.00
	4" SOLID (W)	4586+40.00	4601+00.00	487
	4" 6'S - 2'D (W)	4582+50.00	4584+35.00	15
	5" 30'S - 10'D (W)	4578+05.00	4602+05.00	500
	8" SOLID (W)	4584+35.00	4586+40.00	137
	8" SOLID (W)	4601+00.00	4602+50.00	100
	12" SOLID (W)	4584+35.00	4586+40.00	21
	12" SOLID (W)	4601+00.00	4602+50.00	12
	MOT-17	4" SOLID (W)	4611+00.00	4617+00.00
4" 6'S - 2'D (W)		4605+25.00	4611+00.00	48
4" 6'S - 2'D (W)		4620+80.00	4624+20.00	28
5" 30'S - 10'D (W)		4602+05.00	4621+80.00	411
5" 30'S - 10'D (W)		4621+80.00	4626+05.00	44
8" SOLID (W)		4602+05.00	4605+25.00	213
8" SOLID (W)		4617+00.00	4620+80.00	253
8" SOLID (W)		4624+20.00	4626+05.00	123
8" 6'S - 2'D (W)		4621+80.00	4626+05.00	71
ARROW AND ONLY		4621+90.00		36
12" SOLID (W)		4602+05.00	4605+25.00	24
12" SOLID (W)		4617+00.00	4620+80.00	33
MOT-18	12" SOLID (W)	4624+20.00	4626+05.00	18
	4" SOLID (W)	4626+90.00	4639+77.00	429
	5" 30'S - 10'D (W)	4626+05.00	4639+77.00	143
	8" SOLID (W)	4625+05.00	4626+90.00	123
	8" SOLID (W)	4631+60.00	4639+77.00	545
	8" SOLID (W)	4635+00.00	4639+77.00	318
	8" 6'S - 2'D (W)	4626+05.00	4631+60.00	93
	12" SOLID (W)	4635+00.00	4639+77.00	144
	LEFT TURN ONLY	4626+80.00		36
	LEFT TURN ONLY	4631+80.00		36
TOTAL			26,297	

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	

REVISIONS		
NO.	NAME	DATE
1	ADDENDUM 1	8/12/05
2	ADDENDUM 2	9/16/05

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

SCALE: NONE
 DATE: 7/7/05

DRAWN BY: ATD
 CHECKED BY: TAI



02/14/2005 02:33:31 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+76	589
		2368+71	2374+76	605
		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	400
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
		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
		4471+99	4486+99	375
MOT-12	30'S - 10'D (W)	4471+99	4486+99	375
		4486+99	4502+00	375
		4486+99	4502+00	375
		4502+00	4517+01	375
MOT-13	30'S - 10'D (W)	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)	4625+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-17	LEFT TURN ONLY	4626+80.00		36
	LEFT TURN ONLY	4626+80.00		36
STAGE II MOT-22	LEFT TURN ONLY	4528+20.00		36
MOT-23	LEFT TURN ONLY	4534+80.00		36
	LEFT TURN ONLY	4531+50.00		36
	LEFT TURN ONLY	4534+80.00		36
			TOTAL	180

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

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



05/14/2005 02:34:42 PM

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 (W)	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	1500
MOT-14	SOLID (Y)	4486+99	4502+00	1501
	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
MOT-15	SOLID (W)	4502+00	4514+05	1205
	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 (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 (W)	2372+75	2382+00	925
	SOLID (Y)	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	8,112
	SOLID (W)	4541+99.00	4626+05.00	8,112
	TOTAL			

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
MOT-8	☉ GORE (DIAGONAL)	2370+28	2374+71	125
STAGE IC MOT-8	☉ GORE (DIAGONAL)	4389+83	4390+99	9
STAGE I MOT-10	☉ GORE (DIAGONAL)	2368+71	2374+76	707
MOT-11	☉ GORE (DIAGONAL)	4414+24	4416+78	59
MOT-12	☉ GORE (DIAGONAL)	4432+84	4434+89	94
MOT-13	☉ GORE (DIAGONAL)	4438+07	4440+60	205
MOT-14	☉ 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	39
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-23	☉ GORE (DIAGONAL)	4520+00	4523+76	122
MOT-24	☉ SHLDR. (DIAGONAL)	2502+00	2530+00	96
MOT-25	☉ GORE (DIAGONAL)	2367+00	2372+75	457
TOTAL				3,813

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

PA03009035300 14815CAD00VASC40042027

PAY ITEM	SIGN NO. STATION ROUTE	SIZE (HEIGHT x LENGTH)	TOTAL	ES2-03	ES2-04	PS2-01	PS2-02	ES3-03	1S0161094L058.4	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	TS4-02	
				1384+50	1384+50	2391+50	2407+20	4422+10	2442+20	2442+80	1445+30	2474+11.88	2501+77.65	2474+00	2408+80	2410+75	2411+50	2515+15	2518+00	4828+57.81			2365+00		
SIGN PANEL - TYPE 1		SQ FT 12																							
SIGN PANEL - TYPE 2		SQ FT 96				16	16												16	16					
SIGN PANEL - TYPE 3		SQ FT 4186							463			575	575								681.3				
SIGN PANEL OVERLAY		SQ FT 2																							
REMOVE SIGN PANEL - TYPE 2		SQ FT 72								16						16	16								
REMOVE SIGN PANEL - TYPE 3		SQ FT 591	37.5	65																					
RELOCATE SIGN PANEL - TYPE 2		SQ FT 12																							
RELOCATE SIGN PANEL - TYPE 3		SQ FT 488																							
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY		POUND 1890																							
TELESCOPING STEEL SIGN SUPPORT		FOOT 88			12	12													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								56				
OVERHEAD SIGN STRUCTURE WALKWAY		FOOT 377										56	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		SQ 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-03
			2362+50	2356+90	DMS	2602+74	2615+65	2621+83	
SIGN PANEL - TYPE 1		SQ FT					(5.85'X2') (9.17'X4.63')	(5.85'X2') (7.42'X4.83')	(3.42'X4')
SIGN PANEL - TYPE 2		SQ FT							
SIGN PANEL - TYPE 3		SQ FT							
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							
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		SQ 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
ADDENDUM 2	9/16/05

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

SIGNING SCHEDULE

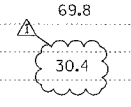
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DRAWN BY: TAI
CHECKED BY: GG

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	30
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	* (I818, ETC, 2324.6-IP)R-8			

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+00	4571+00	4571+00	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				16	16											567					
SIGN PANEL - TYPE 2	SQ FT																					
SIGN PANEL - TYPE 3	SQ FT																					
SIGN PANEL OVERLAY	SQ FT										2											
REMOVE SIGN PANEL - TYPE 2	SQ FT																					12
REMOVE SIGN PANEL - TYPE 3	SQ FT								12					280								
RELOCATE SIGN PANEL - TYPE 2	SQ FT																					
RELOCATE SIGN PANEL - TYPE 3	SQ FT		120.0							88	80	80				120						
STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY	POUND		450.0							450	270	270				450						
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					1								
REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH															1						
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH			1					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					
	STATION	4622+25	4622+31	4635+47	4635+47	VARIOUS					
	ROUTE	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'	4515+00 I-94 7' X 10'	4519+00 I-94 7' X 10'	3530+00 4.5' X 6' 4.5' X 6'	4528+55 4' X 7.5'	4528+50 I-94 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
ADDENDUM 2	9/16/05

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

SIGNING SCHEDULE

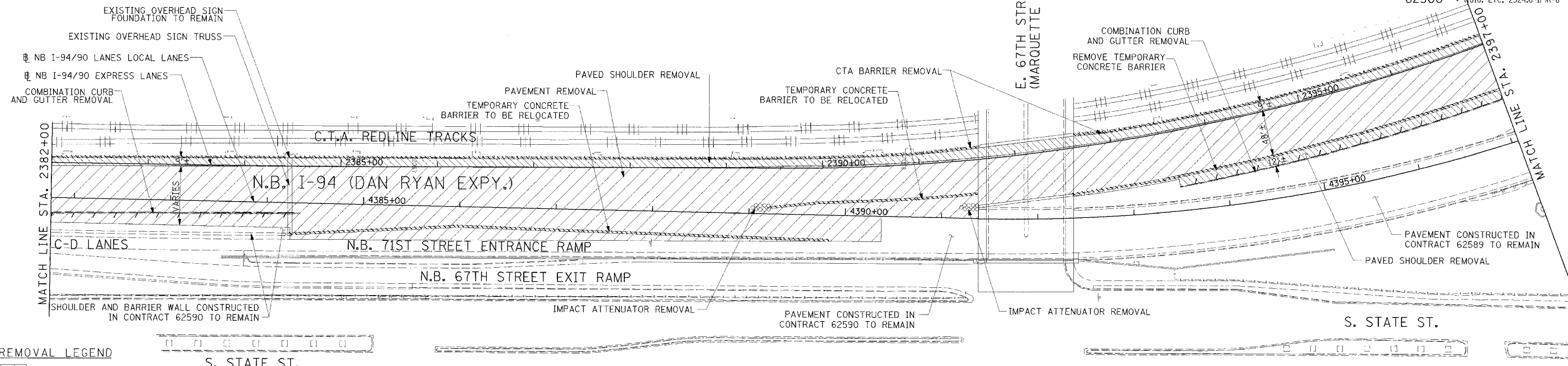
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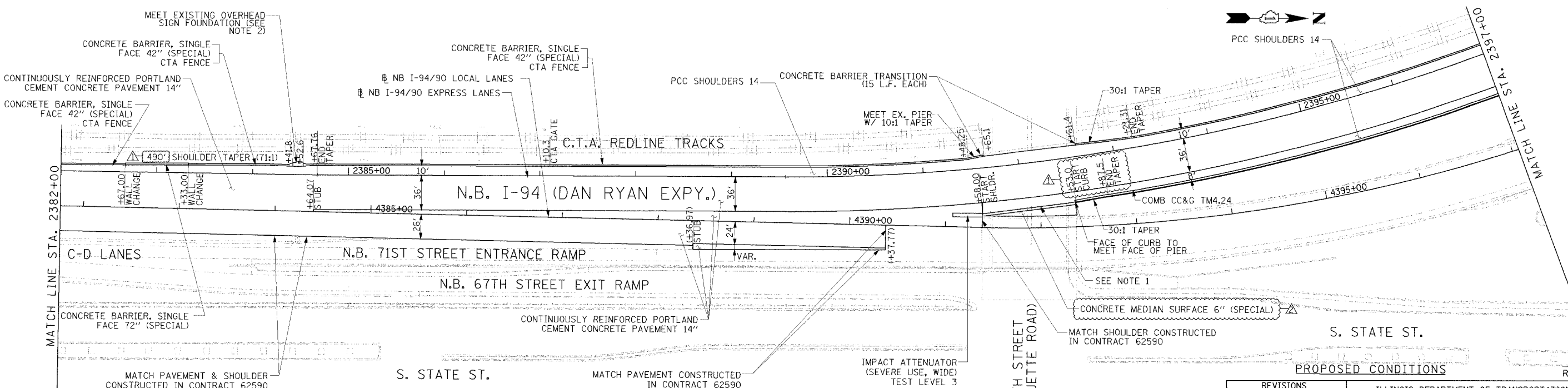
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	47
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	N918, ETC. 2324.6-1PR-8			



- 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 C.T.A. 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 I-90/94 EXPRESS LANES
 - (+**.**) STATION PROVIDED FROM THE 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
ADDENDUM 2	9/16/05

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

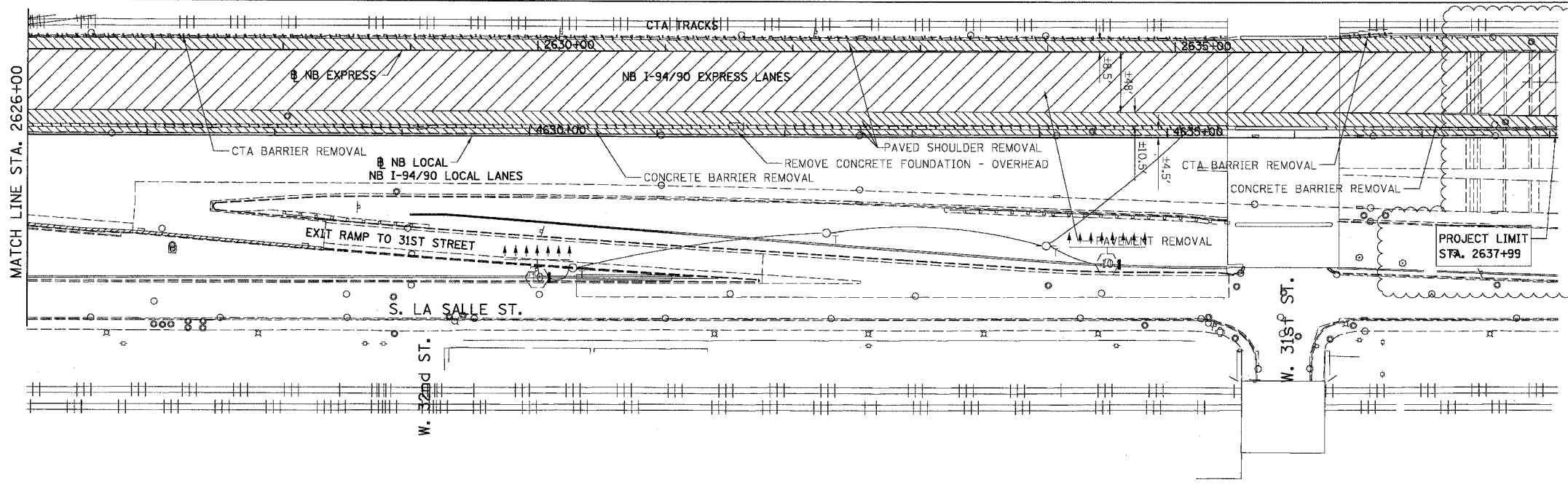
SCALE: 1"=50'
 DATE: 7/1/05

DRAWN BY: TAI
 CHECKED BY: PJM

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

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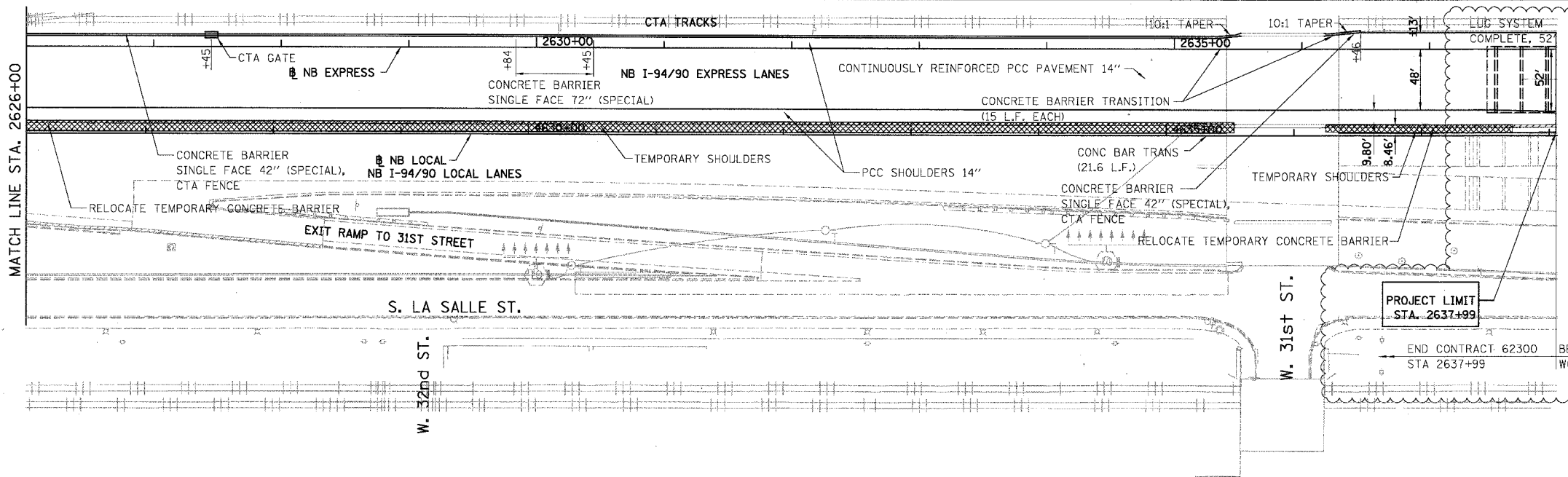
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	65
STA. 2626+00		TO STA. 2637+99		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		*(1818, ETC, 2324.6-1PIR-8		



- 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

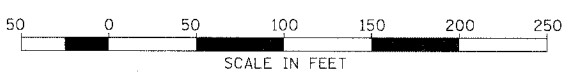


- PROPOSED LEGEND**
- TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS
 - TEMPORARY CONCRETE BARRIER

PROPOSED CONDITIONS

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

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



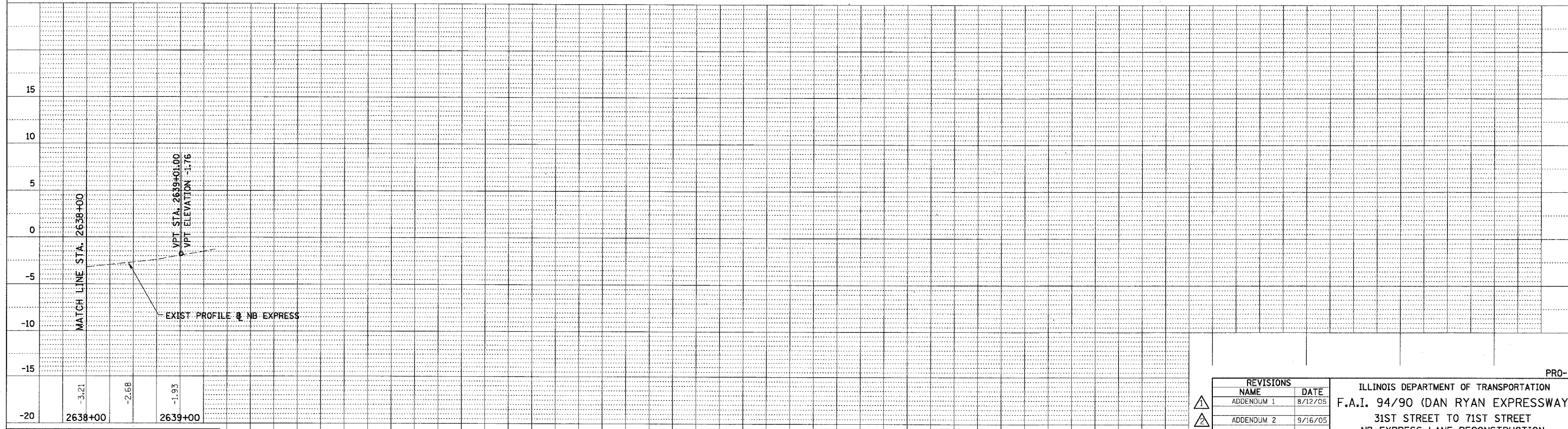
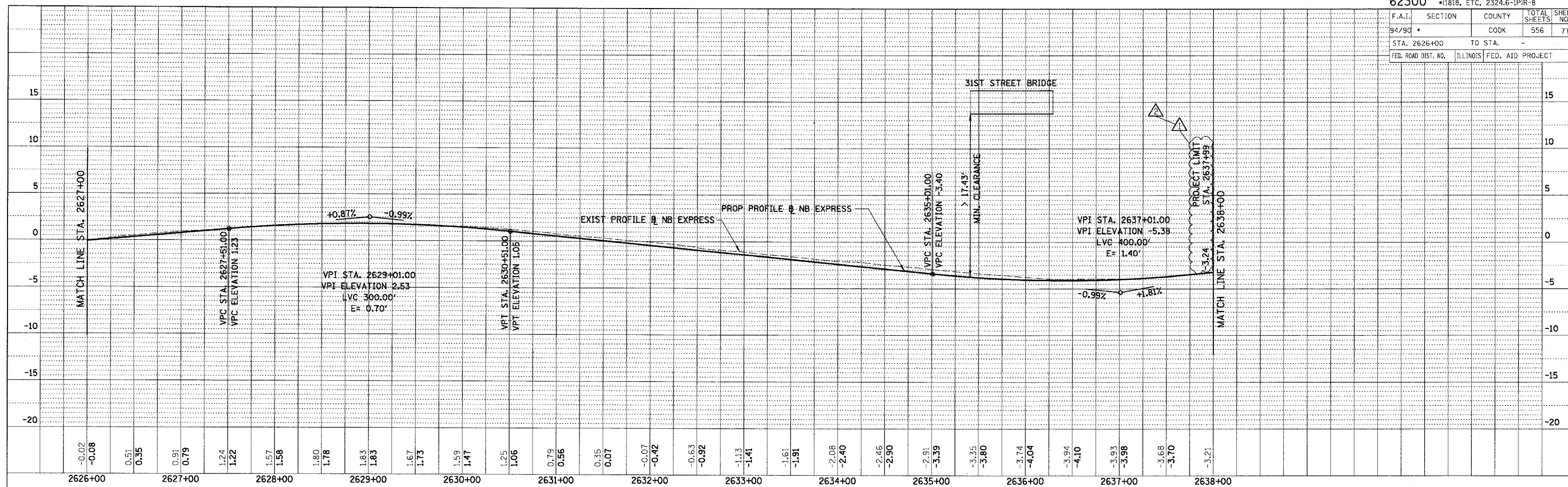
BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

RDY-20
 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+99
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC

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
NOTE BOOK	ALIGNED		
NO.	CHECKED		
	FILE NAME		

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



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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
EXISTING AND PROPOSED PROFILE
NORTHBOUND STA. 2626+00 TO STA. 2639+00

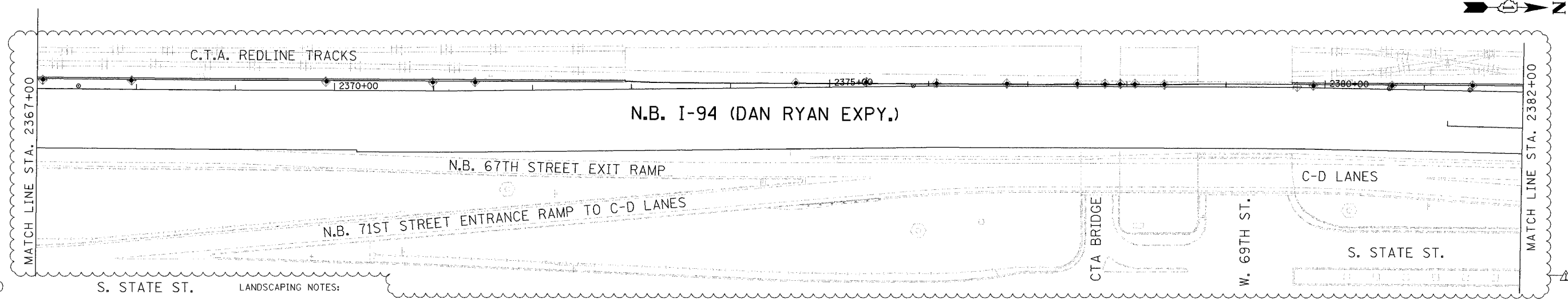
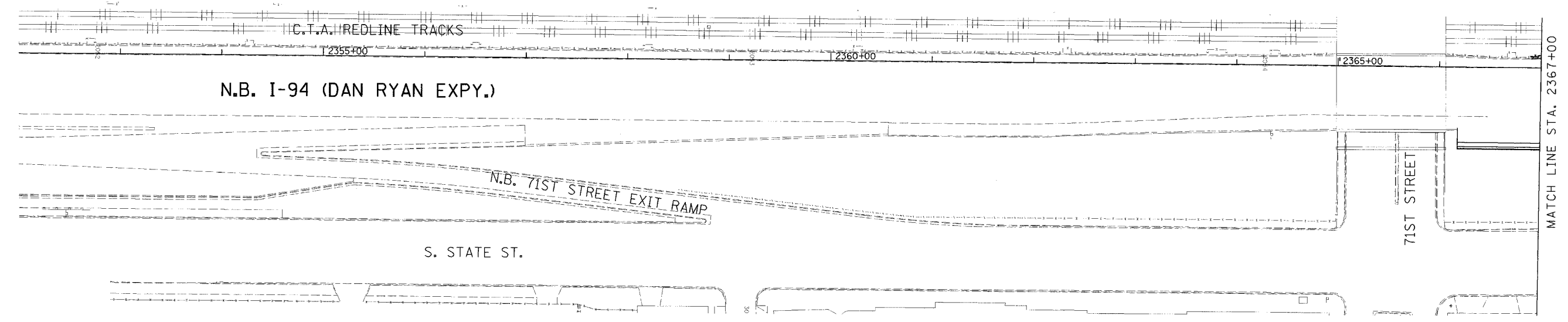
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1"=50' HORIZ
DATE: 07/07/05

DRAWN BY: RA
CHECKED BY: JDC

PRO-11

9/14/2005

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



LEGEND

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

LANDSCAPING NOTES:

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

EROSION CONTROL NOTES:

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

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

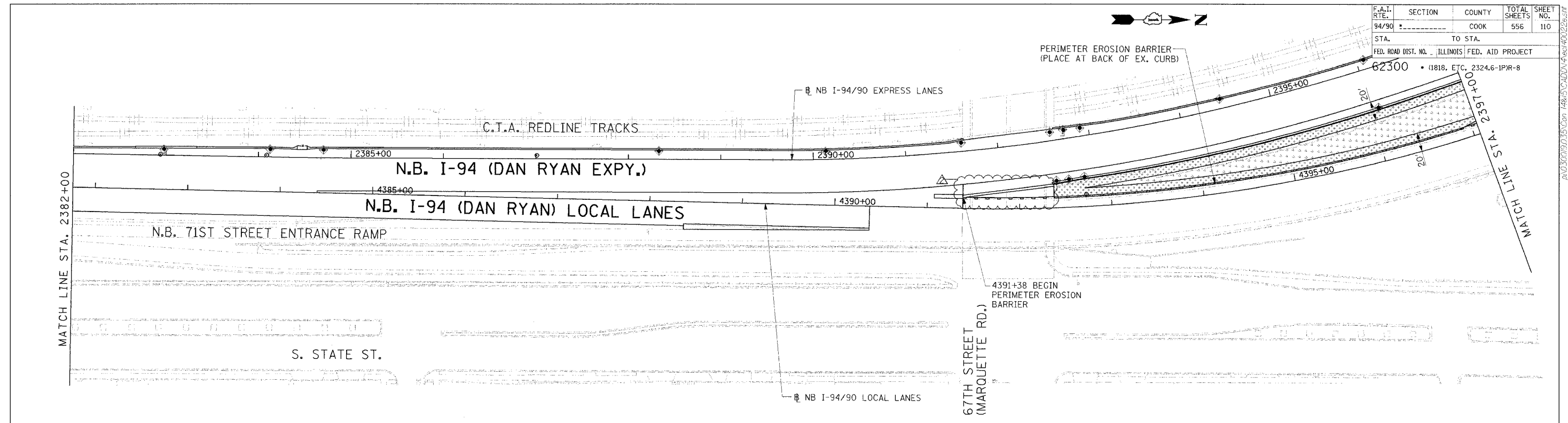
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

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

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



LANDSCAPING NOTES:

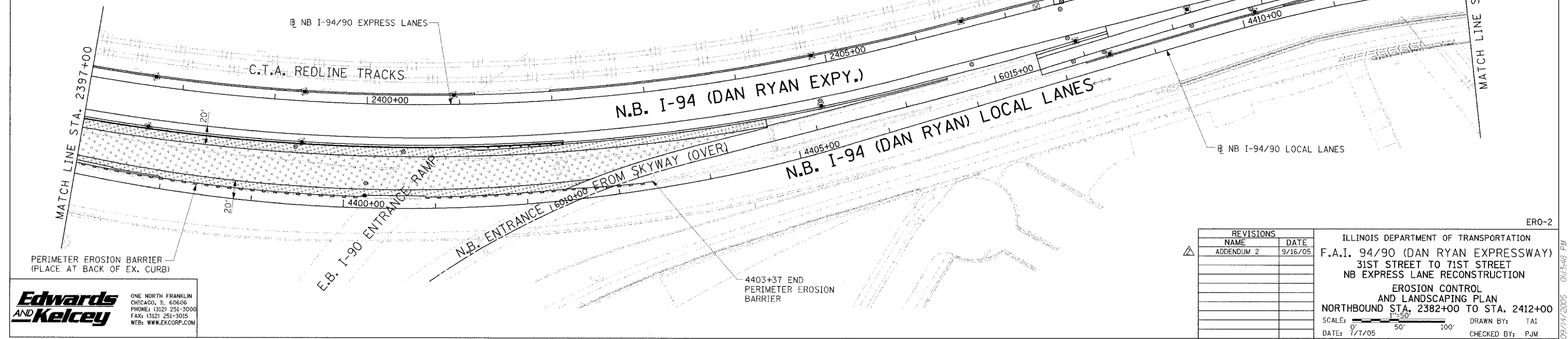
1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN REJECTION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

EROSION CONTROL NOTES:

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

LEGEND

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



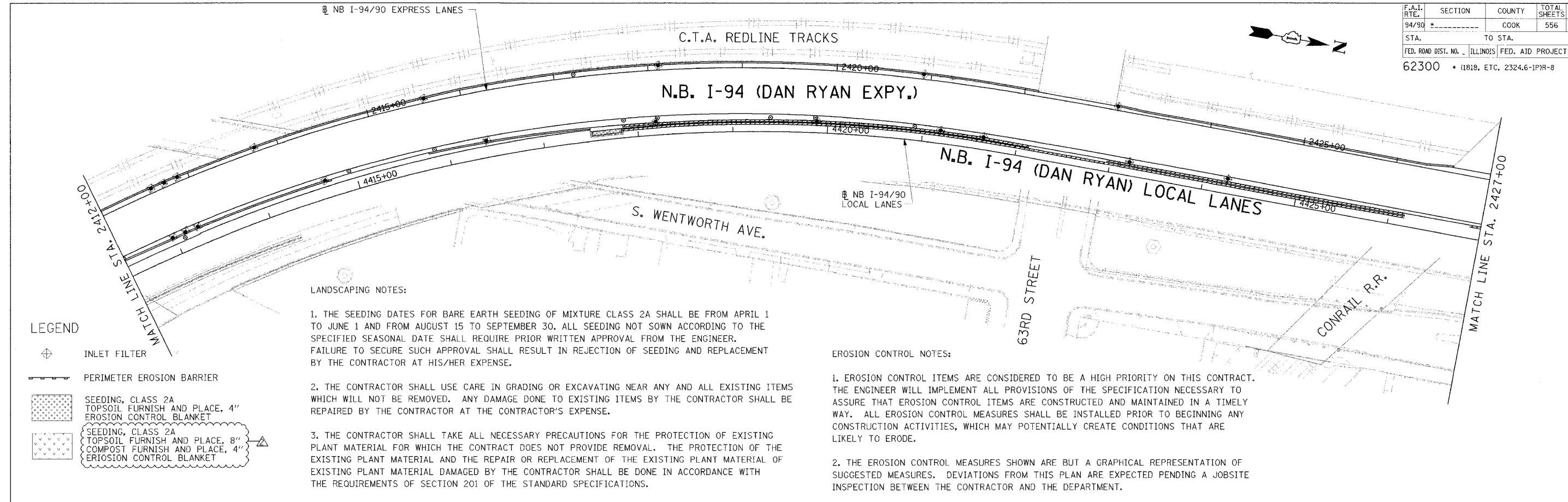
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS		DATE
NAME		
ADDENDUM 2		9/16/05

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

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

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



LEGEND

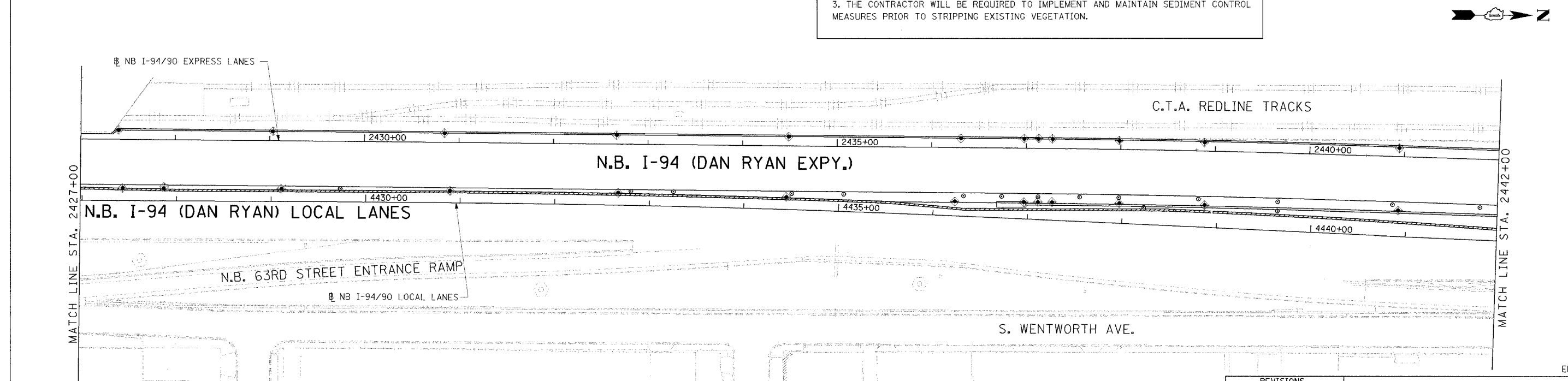
- INLET FILTER
- PERIMETER EROSION BARRIER
- SEEDING, CLASS 2A
TOPSOIL FURNISH AND PLACE, 4"
EROSION CONTROL BLANKET
- SEEDING, CLASS 2A
TOPSOIL FURNISH AND PLACE, 8"
COMPOST FURNISH AND PLACE, 4"
EROSION CONTROL BLANKET

LANDSCAPING NOTES:

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



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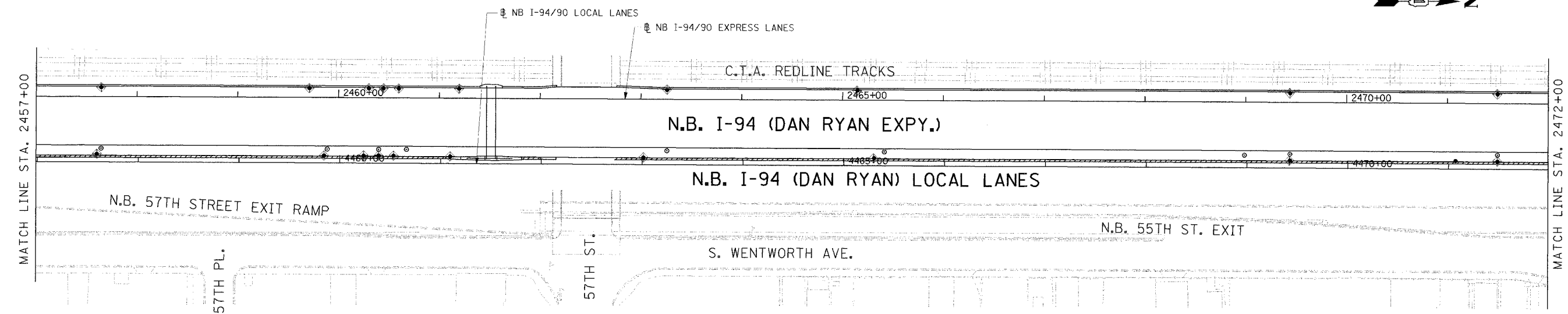
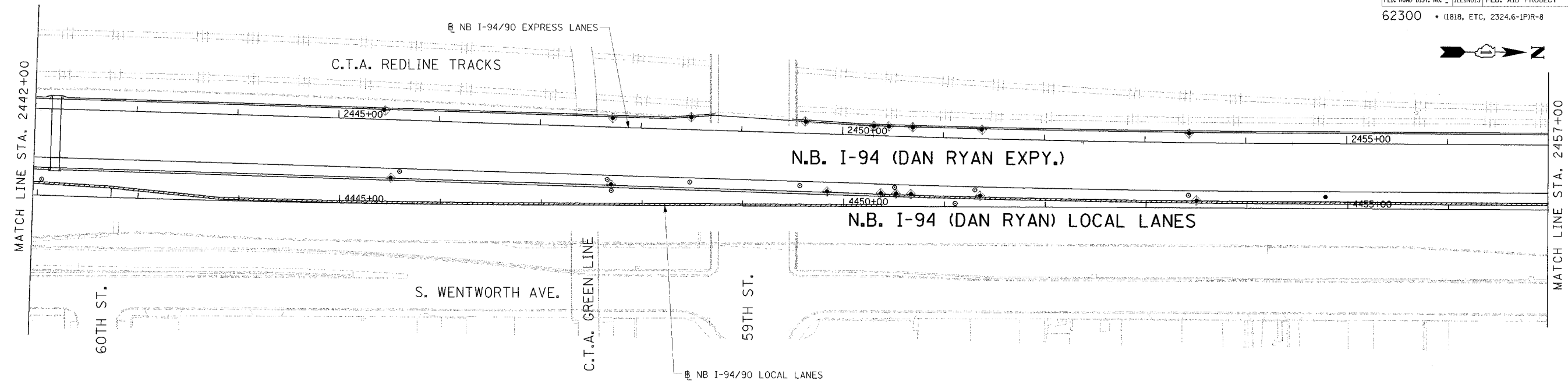
REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

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

ERO-3

09/14/2005 04:407 PJM

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



LEGEND

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

LANDSCAPING NOTES:

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN REJECTION OF SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
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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.
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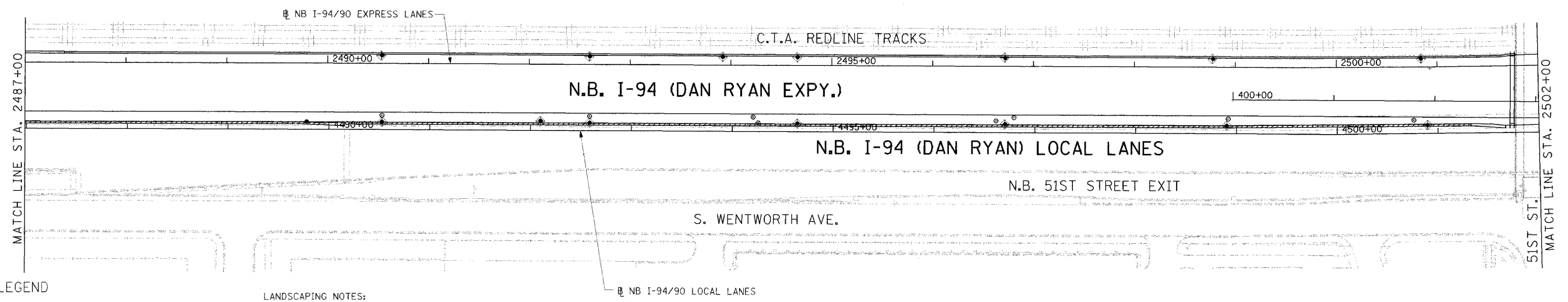
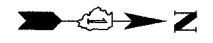
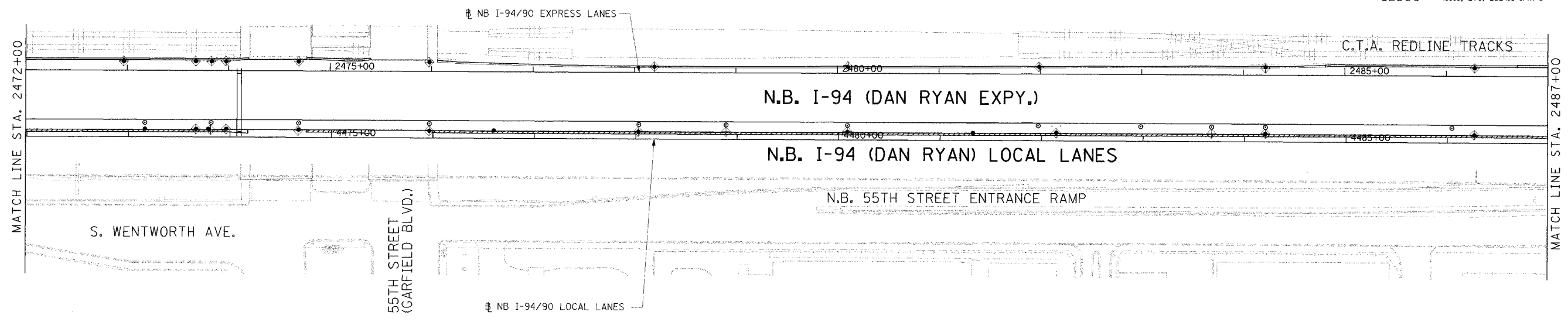
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 AND LANDSCAPING PLAN
 NORTHBOUND STA. 2442+00 TO STA. 2472+00
 SCALE: 0' 1"=50' 100'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

ERO-4

09/14/2005 04:42:25 PM

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



LEGEND

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

LANDSCAPING NOTES:

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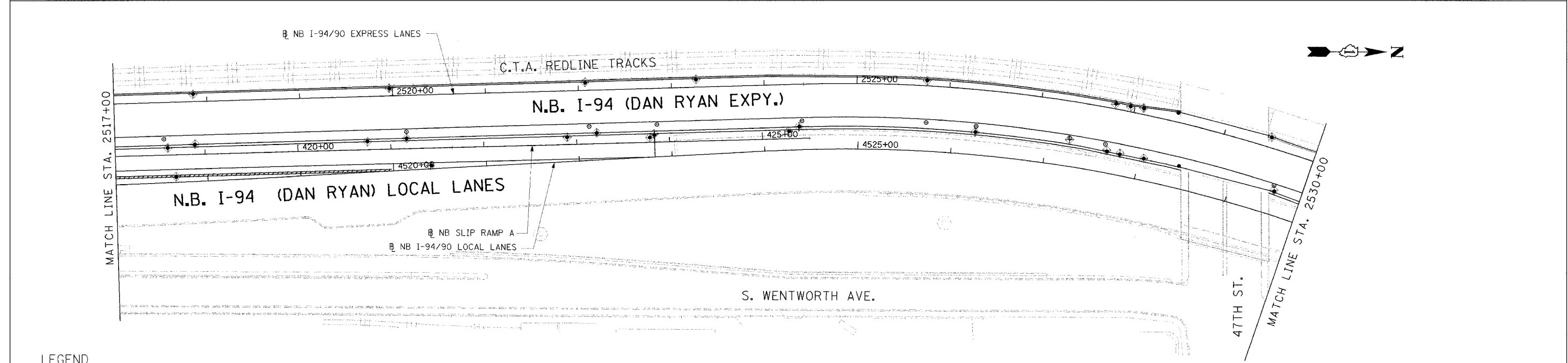
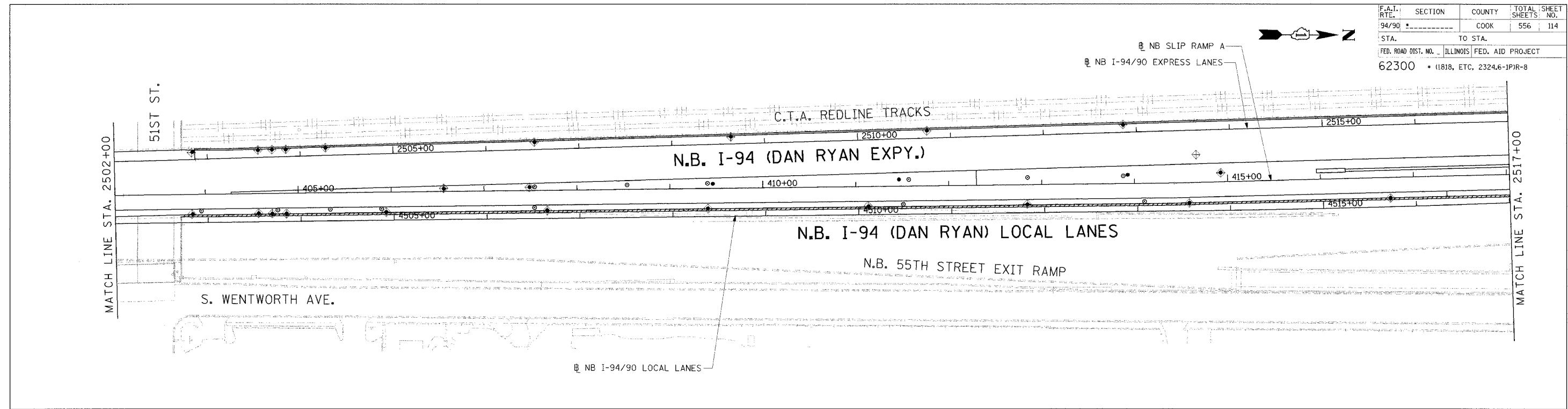
Edwards AND Kelcey
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 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 231-3015
 WEB: WWW.ENCORP.COM

REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 AND LANDSCAPING PLAN
 NORTHBOUND STA. 2472+00 TO STA. 2502+00
 SCALE: 1"=50'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	114
STA.	TO STA.			
62300	1818, ETC, 2324.6-IPR-8			



LEGEND

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

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REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 EROSION CONTROL
 AND LANDSCAPING PLAN
 NORTHBOUND STA. 2502+00 TO STA. 2530+00
 SCALE: 0' 50' 100'
 DATE: 7/7/05
 DRAWN BY:
 CHECKED BY:

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

ERO-6

09/14/2005 06:52:22 PM

EXISTING DRAINAGE STRUCTURE SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	117
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		• (18)8, ETC. 2324.6-1PJR-8		

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

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

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

DS-2



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

REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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

DRAINAGE SCHEDULE
EXISTING DRAINAGE STRUCTURE REMOVAL

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

09/11/2005 02:41:42 PM P:\03001903\05\con\148150\ADDV\4012\117

EXISTING DRAINAGE STRUCTURES

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

EXISTING DRAINAGE STRUCTURES

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

EXISTING DRAINAGE STRUCTURES

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

EXISTING DRAINAGE STRUCTURES

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

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* EXISTING DROP MANHOLE

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

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

DS-04
DRAWN BY: RR
CHECKED BY: DDM

09/15/2005 09:46:05 AM

EXISTING DRAINAGE STRUCTURES

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

EXISTING DRAINAGE STRUCTURES

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

EXISTING DRAINAGE STRUCTURES

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

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* EXISTING DROP MANHOLE

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

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

DS-05
09/14/2005

EXISTING STORM SEWER SCHEDULE

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

STATION	OFFSET	TO	STATION	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 21"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 27"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL (CY)
2509+01	67 RT		2509+07	73 RT		5										0.9
2509+07	73 RT		2510+41	80 RT							139					181.2
2510+41	80 RT		2510+43	4 LT									87			0
2510+86	7 LT		2511+00	3 LT		14										16.3
2511+00	41 RT		2511+07	44 RT		5										2.2
2511+00	50 RT		2511+07	44 RT		5										2.2
2511+07	44 RT		2511+00	3 LT					50							29.2
2511+00	3 LT		2510+43	4 LT					56							74.7
2511+72	50 RT		2511+07	44 RT					66							39.4
2511+79	55 RT		2511+72	50 RT		10										2
2511+79	73 RT		2511+79	55 RT		18										3.4
2513+04	56 RT		2511+72	50 RT					132							122.2
2512+89	7 LT		2513+04	56 RT			68									31.7
2513+84	6 LT		2512+89	7 LT		94										11.7
2513+07	75 RT		2513+04	56 RT				19								6
2514+35	66 RT		2513+04	56 RT		130										66.1
2516+91	67 RT		2517+62	67 RT		73										6.1
2517+65	81 RT		2517+62	67 RT				14								0
2517+62	67 RT		2517+57	45 RT				28								0
2517+57	45 RT		2517+46	40 RT				18								8.4
2517+46	40 RT		2517+50	5 LT				48								21.1
2517+33	8 LT		2517+50	5 LT		5										1.9
2519+38	65 RT		2520+38	63 RT		101										18.9
2520+40	76 RT		2520+38	63 RT		16										6.1
2520+38	63 RT		2520+32	45 RT				20								10
2520+32	45 RT		2520+38	40 RT				5								2.7
2520+44	7 LT		2520+38	40 RT		49										18.3
2520+38	40 RT		2521+75	41 RT						137						0
2521+70	60 RT		2521+75	41 RT		20										3.9
2521+75	41 RT		2522+86	40 RT						111						0
2522+75	53 RT		2522+73	46 RT					28							10.9
2522+73	46 RT		2522+86	40 RT					7							2.8
2522+86	40 RT		2522+90	6 LT						46						0
2522+73	7 LT		2522+90	6 LT		18										5.2
2524+28	45 RT		2524+28	7 LT		52										2.2
2524+28	7 LT		2525+75	6 LT					148							145.3
2525+75	36 RT		2525+75	6 LT					42							0
2525+75	6 LT		2526+85	6 LT									101			159.4
2526+85	6 LT		2527+73	7 LT										97		165.8
2527+36	38 RT		2527+65	42 RT				32								6.4
2527+65	42 RT		2527+73	7 LT										50		68.6
2528+20	42 RT		2527+65	42 RT						51						32.5
2528+14	37 RT		2528+20	42 RT		5										2.4
2528+50	36 RT		2528+20	42 RT		29										13.2
2529+74	4 LT		2530+00	4 LT				39								13.9
2453+44	52 RT		2454+79	52 RT		131										0
2489+79	58 RT		2489+89	54 RT		6										0
2489+89	54 RT		2490+47	54 RT				54								0

△

DS-8



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

09/14/2005 02:42:22 PM

SCHEDULE OF 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

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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)
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	6685	5124	4309	4490	495	4776	200	1652	504	53	3216

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' 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	9.46' LT		2636+48.6	63.8' RT	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
ADDENDUM 2	9/16/05

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

SCHEDULE OF DRAINAGE STRUCTURES

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

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D, TIF OL	CB, TA, 4D, T8G	CB, TA, 4D, T20 F&G	CB, TA, 5D, T20 F&G	MH, TA, 4D, TIF CL	MH TA 5D, TIF CL	MH TA 6D, TIF CL	DR STR T1, W/2 T20 F&G	DR STR T2, W/2 T22 F&G	INLET, TYPE B, T, 20 F&G	MH, DROP 6D, TIF CL	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
8-07	2410+20.00	54.00	-0.85					1							-7.34S, -6.41W, -7.09E,	162
8-08	2410+23.00	-4.50	0.96			1									-5.85E,	
8-09	2410+26.00	54.50	-0.96			1									-6.96SW,	
8-10	2411+80.00	49.50	-3.08			1									-8.91N,	
8-11	2412+00.00	50.50	-3.19						1						-10.28S, -10.14NE, -12.19SW	
8-12	2412+70.00	57.00	-2.43						1						-9.58W, -10.08SW,	
8-13	2412+58.00	51.00	-3.42										1		-9.25N,	
8-14	2412+73.00	50.00	-3.43			1									-9.31N, -9.31S, -9.42W, -9.52E,	
8-15	2412+88.00	50.00	-3.42										1		-9.25S,	
8-16	2412+58.00	-4.00	-0.41										1		-6.24N,	162
8-17	2412+73.00	-3.00	-0.42			1									-6.3N, -6.3S, -6.55E,	162
8-18	2412+88.00	-4.00	-0.41										1		-6.24S,	162
8-19	2411+67.00	-59.00	-4.29						1						-11.16N, -12.75W, -13.25E,	
9-01	2413+75.00	-3.00	-0.11			1									-9E,	162
9-02	2414+36.00	50.00	-2.78			1									-8.61N,	
9-03	2414+64.00	50.00	-2.58					1							-8.81N, -8.71S,	
9-04	2415+60.00	50.00	-2.1					1							-8.03N, -9.22S, -9.72E, -7.92NW,	
9-05	2415+61.00	-5.00	0.83			1									-4.84E,	162
9-06	2416+18.00	51.00	-1.92			1									-7.76S,	
9-07	2417+21.00	-3.00	1.66					1							-10.15W, -18.63E,	
9-08	2418+05.00	52.00	-1.04			1									-7.97NE,	
9-09	2418+11.00	-5.00	2.09			1									-5.66E,	162
9-10	2418+07.00	50.00	-0.85						1						-9.42N, -9.92S, -6.68W, -6.88E,	
9-11	2417+24.00	-60.00	-1.47						1						-7.4N, -12.59W, -12.79E,	
9-12	2417+70.00	50.00	-1.03						1						-10N, -18.46SW,	
10-01	2419+80.00	50.00	0.5					1							-8.57N, -8.77S, -6E,	
10-02	2419+82.00	52.00	-0.15			1									-5.99W,	
10-03	2420+89.00	50.00	1.27					1							-4.78N, -8.16S, -4.58W,	
10-04	2420+92.00	-3.00	3.45			1									-2.39E,	162
10-05	2421+64.00	50.00	2.25			1									-4.23S,	
10-06	2423+23.00	-78.00	2.67						1						-10.09W, -10.29E, -3.40NE,	
10-07	2423+00.00	-3.00	4.47			1									-4.22N,	162
10-08	2421+17.00	51.00	2.02			1									-4.44N, -4.54S,	
10-09	2423+22.00	51.00	4.24				1								-8.36N, -7.88E, -9.86W,	
10-10	2424+28.00	50.00	4.73	1											-8S,	
10-11	2419+31.00	52.00	0.65					1							-8.94N, -8.96S,	
11-01	2429+75.00	-81.00	2.44						1						-10.72W, -10.82E, -3.49SE,	
11-02	2427+40.00	-10.00	3.31			1									-2.28N,	162
11-03	2427+45.00	49.50	3.55			1									-2.28N,	
11-04	NOT USED															
11-05	2429+03.00	-8.00	2.5			1									-3.43N, -3.33S,	162
11-06	2429+13.00	49.50	2.71				1								-9.26N, -9.06S, -7.06E,	
11-07	2429+75.00	50.00	2.9						1						-10.73N, -9.4S, -7.04E, -10.93W,	
11-08	NOT USED															
11-09	2430+85.00	-8.00	1.59			1									-4.24S,	162
11-10	2430+91.00	49.50	1.82				1								-10.58S, -4.83W, -5.52NE,	
11-11	2427+89.00	49.50	3.33				1								-8.77N, -2.48S, -3.44E,	
12-01	2432+82.00	49.00	0.93						1						-9.51N, -5.45SW, -5.00SE,	
12-02	2432+67.00	-8.00	0.69			1									-5.14NE,	162
12-03	2432+69.00	49.50	0.94			1									-4.89NW,	
12-04	2433+27.00	49.00	0.71						1						-9.67N, -9.57S, -7.34E,	
12-05	2434+52.00	50.00	0.05						1						-9.95N, -9.85S, -6.35W, SE-6.01,	
12-06	2434+49.00	-8.00	-0.21			1									-6.04E,	162
12-07	2434+47.00	53.00	-0.08			1									-5.91NW,	
12-08	2435+07.00	50.00	-0.22						1						-10.13N, -10.03S, -7.43E,	
12-09	2436+34.00	51.00	-0.9						1						-10.41N, -10.31S, -7.27W, -7.03SE,	
12-10	2436+25.00	56.00	-1.1			1									-6.93NW,	
12-11	2436+31.00	-8.00	-1.13			1									-6.96E,	162
12-12	2436+74.50	51.00	-1.08						1						-10.56N, -10.46S,	
12-13	2436+98.00	56.00	-1.37										1		-7.2N,	
12-14	2436+98.00	-9.00	-1.37										1		-7.2N,	162
13-01	2437+13.00	51.00	-1.13						1						-10.71N, -10.61S, -7.9W, -9.09E,	
13-02	2437+13.00	-8.00	-1.37			1									-7.26N, -7.26S, -7.59E,	162
13-03	2437+28.00	-9.00	-1.37										1		-7.2S,	162
13-04	2437+13.00	55.00	-1.33			1									-7.26N, -7.26S, -9.07W, -8.82NE,	
13-05	2437+28.00	56.00	-1.37										1		-7.2S,	
13-06	2437+57.00	51.00	-1.07						1						-10.11N, -10.83S, -11.01W,	
13-07	2437+99.00	51.00	-0.88						1						-9.94N, -10.04S, -7.26W, -7.84E,	
13-08	2437+99.00	-8.00	-1.12			1									-6.95E,	162
13-09	2437+99.00	55.00	-1.08			1									-7.70N, -7.80W,	

DS-14



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

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

REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

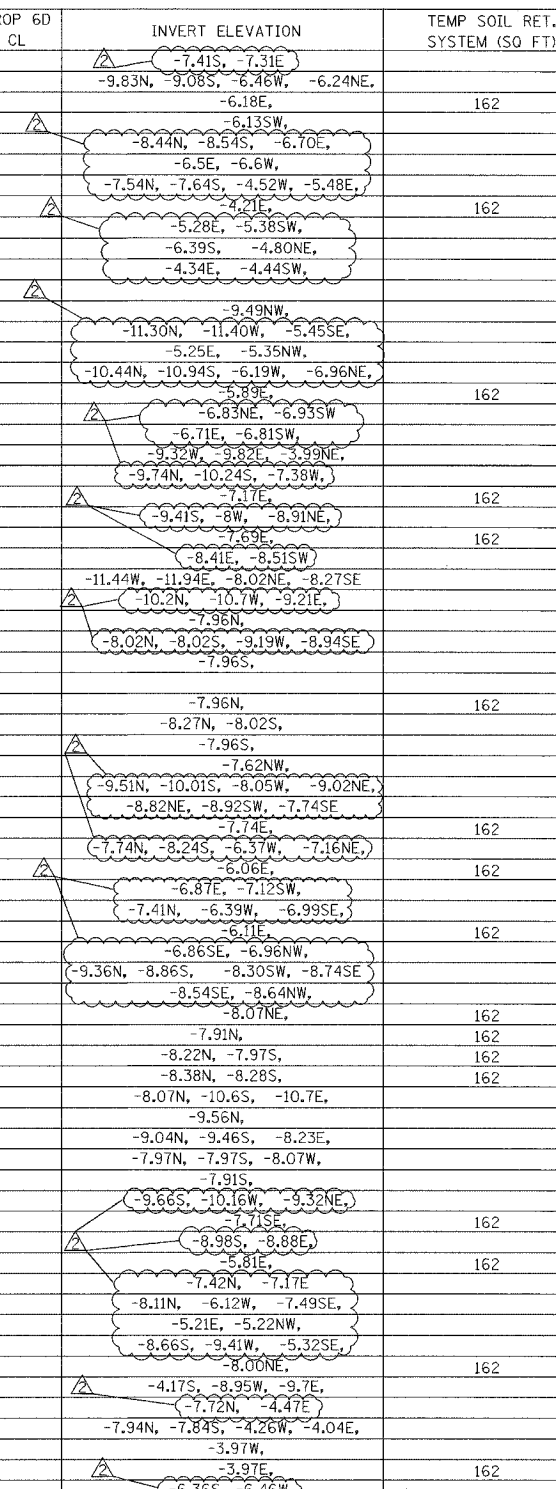
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULE
PROPOSED DRAINAGE STRUCTURES
SCALE: 1" = N.T.S.
DATE: 1/7/05
DRAWN BY: MJO
CHECKED BY: LPN

09/14/2005 02:46:51 PM

SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	130
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		1818, ETC, 2324.6-1P1R-8		

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D, TIF OL	CB, TA, 4D, T8G	CB, TA, 4D, T20 F&G	CB, TA, 5D, T20 F&G	MH, TA, 4D TIF CL	MH TA 5D TIF CL	MH TA 6D TIF CL	DR STR T1 W/2 T20 F&G	DR STR T2 W/2 T22 F&G	INLET, TYPE B, T 20 F&G	MH, DROP 6D TIF CL	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
13-10	2438+25.00	61.00	-0.79					1							-7.41S, -7.31E	
13-11	2438+83.00	51.00	-0.41						1						-9.83N, -9.08S, -6.46W, -6.24NE, -6.18E, -6.13SW	162
13-12	2438+89.00	-8.00	-0.35			1									-8.44N, -8.54S, -6.70E, -6.5E, -6.6W, -7.54N, -7.64S, -4.52W, -5.48E, -4.21E	162
13-13	2438+90.00	55.00	-0.3			1									-5.28E, -5.38SW, -6.39S, -4.80NE, -4.34E, -4.44SW	162
13-14	2439+67.00	52.00	0.63						1						-9.49NW, -11.30N, -11.40W, -5.45SE, -5.25E, -5.35NW	
13-15	2439+67.00	62.00	0.63							1					-10.44N, -10.94S, -6.19W, -6.96NE, -6.89E, -6.83NE, -6.93SW	162
13-16	2440+89.00	52.00	1.78							1					-6.71E, -6.81SW, -9.32W, -9.82E, -3.99NE, -9.74N, -10.24S, -7.38W, -7.17E	162
13-17	2440+94.00	-8.00	1.62			1									-9.41S, -8W, -8.91NE, -7.69E, -8.41E, -8.51SW	162
13-18	2440+95.00	55.00	1.66			1									-11.44W, -11.94E, -8.02NE, -8.27SE, -10.2N, -10.7W, -9.21E, -7.96N	162
13-19	2441+81.50	52.00	2.37						1						-8.02N, -8.02S, -9.19W, -8.94SE, -7.96S	162
13-20	2442+07.00	70.00	2.73							1					-7.96N, -8.27N, -8.02S, -7.96S	162
13-21	NOT USED															
14-01	2445+61.00	-10.00	1.87			1										
14-02	2445+54.00	51.00	1.91						1							
14-03	2445+63.00	57.00	1.89			1										
14-04	2447+68.00	52.00	0.18							1						
14-05	2447+72.00	-9.00	-0.06			1										
14-06	2447+72.00	57.00	-0.06			1										
14-07	2447+72.00	63.00	0.18						1							
14-08	2445+53.00	-93.00	2.17							1						
15-01	2448+50.00	52.00	-0.64							1						
15-02	2448+50.00	-8.00	-0.84			1										
15-03	2449+59.00	52.00	-1.63						1							
15-04	2449+63.00	-8.00	-1.86			1										
15-05	2449+86.00	55.00	-1.94			1										
15-06	2450+53.00	-78.00	-1.94							1						
15-07	2450+55.00	51.00	-1.9							1						
15-08	2450+40.00	57.00	-2.13										1			
15-09	2450+55.00	56.00	-2.14			1										
15-10	2450+70.00	57.00	-2.13										1			
15-11	NOT USED															
15-12	2450+40.00	-9.00	-2.13										1			
15-13	2450+55.00	-8.00	-2.14			1										
15-14	2450+70.00	-9.00	-2.13										1			
15-15	2451+33.00	65.00	-1.79						1							
15-16	2451+33.00	52.00	-1.74							1						
15-17	2451+38.00	56.00	-1.91			1										
15-18	2451+38.00	-8.00	-1.91			1										
15-19	2453+44.00	52.00	-0.03						1							
15-20	2453+44.00	-8.00	-0.23			1										
15-21	2453+52.00	56.00	-0.18			1										
16-01	2457+65.00	51.00	-0.05						1							
16-02	2457+64.00	-8.00	-0.28			1										
16-03	2457+60.00	56.00	-0.26			1										
16-04	2459+72.00	51.00	-1.94							1						
16-05	2459+86.00	56.00	-1.99			1										
16-06	2459+71.00	-8.00	-1.93			1										
17-01	2460+30.00	-9.00	-2.08										1			
17-02	2460+45.00	-8.00	-2.09										1			
17-03	2460+60.00	-9.00	-2.08			1										
17-04	2460+67.00	-56.00	-1.96							1						
17-05	2460+25.00	57.00	-2.08										1			
17-06	2460+48.00	51.00	-1.85													
17-07	2460+40.00	56.00	-2.09			1										
17-08	2460+55.00	57.00	-2.08										1			
17-09	2460+73.00	51.00	-1.81							1						
17-10	2461+20.00	-8.00	-1.88			1										
17-11	2461+11.00	56.00	-1.92			1										
17-12	2463+26.00	-8.00	0.02			1										
17-13	2463+02.50	56.00	-0.21			1										
17-14	2463+26.00	51.00	0.03							1						
17-15	2465+32.00	56.00	1.85			1										
17-16	2465+42.00	51.00	1.91													
17-17	2465+20.00	-8.00	1.78			1										
17-18	2465+24.00	-52.00	1.99							1						
18-01	2468+99.00	52.00	2.31							1						
18-02	2469+44.00	51.00	1.86							1						
18-03	2469+44.00	56.00	1.86			1										
18-04	2469+44.00	-8.00	1.86			1										
18-05	2471+50.00	56.00	0.02			1										



DS-15



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

REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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

09/14/2005 02:48:58 PM

SCHEDULE OF DRAINAGE STRUCTURES

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

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D, TIF OL	CB, TA, 4D, T8G	CB, TA, 4D, T20 F&G	CB, TA, 5D, T20 F&G	MH, TA, 4D, TIF CL	MH TA 5D, TIF CL	MH TA 6D, TIF CL	DR STR T1, W/2 T20 F&G	DR STR T2, W/2 T22 F&G	INLET, TYPE B, T 20 F&G	MH, DROP 6D, TIF CL	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
18-06	2471+50.00	51.00	0.02						1						-9.05N, -8.55S, -6.11W, -6.49E, -5.81E	162
18-07	2471+50.00	-8.00	0.02													
19-01	2473+18.00	51.00	-1.19						1						-9.41N, -9.38S, -10.41W, -7.94E, -7.81E, -7.91W, -5.88S, -5.75NE, -7.15NE	
19-02	2473+18.00	56.00	-1.43													
19-03	2476+60.00	55.00	0.56													
19-04	2472+97.00	8.00	-1.32													
19-05	2473+83.00	51.00	-1.58													
19-06	2473+68.00	-9.00	-1.57						1							162
19-07	2473+83.00	-8.00	-1.58										1		-7.46N, -7.71S, -7.2E, -7.41S,	162
19-08	2473+98.00	-9.00	-1.57										1			162
19-09	NOT USED															
19-10	2473+68.00	57.00	-1.57													
19-11	2473+83.00	56.00	-1.58													
19-12	2473+98.00	57.00	-1.57													
19-13	2474+69.00	-8.00	-1.33													
19-14	2474+69.00	51.00	-1.09													
19-15	2474+69.00	56.00	-1.33													
19-16	2475+98.00	51.00	0.08													
19-17	2475+98.00	-8.00	-0.16													
19-18	2475+98.00	56.00	-0.16													
20-01	2478+10.00	51.00	2.26													
20-02	2478+04.00	-4.50	2.1													
20-03	2478+04.00	56.00	1.96													
20-04	2480+10.00	51.00	4.32													
20-05	2480+10.00	-4.50	4.22													
20-06	2480+10.00	56.00	4.08													
20-07	2481+99.00	51.00	6.27													
20-08	2481+99.00	-6.00	6.11													
20-09	2481+99.00	56.00	6.03													
20-10	2482+99.00	51.00	7.3													
20-11	2483+69.00	51.00	8.02													
20-12	2478+90.00	51.00	3.09													
21-01	2484+22.00	51.00	8.57													
21-02	2484+22.00	-6.00	8.41													
21-03	2484+22.00	56.00	8.33													
21-04	2486+06.00	51.00	10.07													
21-05	2486+28.00	-6.00	10.03													
21-06	2486+28.00	56.00	9.95													
22-01	NOT USED															
22-02	2490+54.00	56.00	9.9													
22-03	2490+54.00	51.00	10.14													
22-04	2490+54.00	-7.00	9.94													
22-05	2492+11.50	56.00	8.69													
22-06	2492+60.00	56.00	8.19													
22-07	2492+60.00	51.00	8.43													
22-08	2492+60.00	-7.00	8.23													
22-09	2494+22.00	51.00	6.76													
22-10	2494+27.00	56.00	6.47													
22-11	2494+66.00	56.00	6.07													
22-12	2493+92.00	-7.00	6.87													
22-13	NOT USED															
22-14	2494+66.00	-7.00	6.11													
23-01	2496+63.00	54.00	4.16													
23-02	2496+72.00	56.00	3.95													
23-03	2496+81.00	51.00	4.1													
23-04	2496+72.00	-7.00	3.99													
23-05	2498+88.00	51.00	1.73													
23-06	2498+92.00	56.00	1.69													
23-07	NOT USED															
23-08	2498+78.00	-7.00	1.87													
23-09	2500+77.00	51.00	0.02													
23-10	2500+84.00	-7.00	-0.25													
23-11	2500+90.00	56.00	-0.35													
24-01	2502+92.00	55.00	-2.13													
24-02	2502+83.00	56.00	-2.16													
24-03	2502+84.00	-7.00	-2.21													
24-04	2503+74.00	57.00	-2.36													
24-05	2503+55.00	59.00	-2.43													
24-06	2503+68.00	58.00	-2.44													
24-07	2503+84.00	59.00	-2.43													

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

REVISIONS		DATE
NAME		
ADDENDUM 2		9/16/05

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



09/14/2005 02:49:03 PM

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	12.1' LT -4.58		1											-12.6N , -12.5S ,	162
46-20	2636+65.0	62.7' RT	-4.65			1									-10.6E, -10.08S, -13.18W,	
46-21	2636+65.0	56.8' RT	-4.43			1									-13.28E, -13.43S, -13.53W,	
46-22	2636+65.0	12.1' LT -4.57				1									-12.99E , -12.74S ,	162
46-23	2633+40.0	7.5' LT	-2.11			1									-7.25N, -7.15W,	162
TOTALS:				25	1	276	4	55	141	1	28	62	2	1		29899

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

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

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

SCHEDULE OF STORM SEWERS

F.A.I. SECTION COUNTY TOTAL SHEETS SHEET NO. 94/90 COOK 556 141 STA. TO STA. 62300 • (1818, ETC, 2324.6-IPR-8)

Table with columns: FROM STRUCTURE, TO STRUCTURE, SLOPE %, SS CL A T1 12, SS CL A T1 15, SS CL A T1 18, SS CL A T1 21, SS CLA T2 12, SS CLA T2 15, SS CLA T2 18, SS CLA T2 21, SS CLA T2 24, SS CLA T2 27, SS CLA T2 30, SS CLA T2 33, SS CLA T2 36, SS CLA T2 42, SS CLA T2 48, SS CLA T3 12, SS CLA T3 21, SS CLA T3 24, SS CLA T3 30, SS CLA T3 36, SS CLA T3 42, SS CLB T1 12, SS CLB T1 15, TRENCH BACKFILL. Rows 8-14 to 14-02.

NOTE: * INDICATED STRUCTURE BEEN CONSTRUCTED IN CONTRACT 62302



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

Table with columns: REVISIONS NAME, DATE. Row: ADDENDUM 2, 9/16/05.

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

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

09/14/2005 02:49:48 PM

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 143B
STA. 62300	TO STA. • (1818, ETC, 2324.6-1P)R-8		FED. AID PROJECT	

FROM STRUCTURE	TO STRUCTURE	SLOPE %	SS CL A T1 12	SS CL A T1 15	SS CL A T1 18	SS CL A T1 21	SS CL A T2 12	SS CL A T2 15	SS CL A T2 18	SS CL A T2 21	SS CL A T2 24	SS CL A T2 27	SS CL A T2 30	SS CL A T2 33	SS CL A T2 36	SS CL A T2 42	SS CL A T2 48	SS CL A T3 12	SS CL A T3 21	SS CL A T3 24	SS CL A T3 30	SS CL A T3 36	SS CL A T3 42	SS CL B T1 12	SS CL B T1 15	TRENCH BACKFILL
PLUG	16-03	1.00	2																							0.5
PLUG	16-05	1.00	2																							0.5
PLUG	17-11	0.50		2																						0.5
PLUG	17-13	0.50	2																							0.5
PLUG	17-15	1.00	2																							0.5
PLUG	18-01	1.00	5																							1.2
PLUG	18-08	0.50	2																							0.5
PLUG	19-02	0.50	2																							0.5
PLUG	19-11	0.50	2																							0.5
PLUG	19-15	0.50	2																							0.5
PLUG	19-03	0.50	2																							0.5
PLUG	20-12	1.00	7																							2.0
PLUG	20-13	1.00	2																							0.5
PLUG	20-11	1.00	5																							1.4
PLUG	21-04	0.50	5																							1.0
PLUG	21-07	1.00	2																							0.5
PLUG	22-05	0.50	2																							0.6
PLUG	22-11	1.00	2																							0.5
PLUG	23-01	1.00	3																							0.6
PLUG	23-06	1.00	2																							0.5
PLUG	23-11	1.00	2																							0.7
PLUG	24-06	0.50	2																							0.5
PLUG	24-13	1.00	5																							1.3
PLUG	24-16	1.00	2																							0.5
PLUG	24-19	1.00	2																							0.5
PLUG	24-22	1.00	2																							0.5
PLUG	25-02	0.50	2																							0.5
PLUG	25-05	0.50	2																							0.5
PLUG	25-12	1.00						2																		0.9
PLUG	26-02	2.35		2																						0.5
PLUG	27-01	0.50	2																							0.5
PLUG	27-10	0.50	22																							3.1
PLUG	27-13	0.50	3																							0.7
PLUG	27-17	0.50	8																							2.3
PLUG	28-01	0.50							2																	0.8
PLUG	28-06	1.00							2																	1.4

△

DS-28B

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

REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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

09/14/2005 04:42:06 PM

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		* 01818, ETC, 2324.6-1P1R-8		

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 27	SS CL A 3, 30	SS CL A 3, 36	SS CL A 3, 42	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
EX CB	46-23	1.6	12	1.00%						1.6																				
46-10	46-11	0.8	12	1.00%						0.8																				
46-12	46-11	54.5	12	1.00%						54.5																				6.0
46-09	46-10	1.9	12	1.00%						1.9																				0.1
46-17	46-21	9.5	15	1.00%							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																			
46-15	46-19	17.1	12	1.00%						17.1																				5.6
46-22	46-18	59.7	15	1.00%							59.7																			43.7
46-13	46-14	1.9	12	1.00%						1.9																				
46-16	46-17	6.9	15	1.00%							6.9																			3.6
46-20	46-21	1.9	12	1.00%						1.9																				0.2
EX CB	46-20	6.4	12	1.00%																								6.4	0.2	
EX P	46-20	1.3	12	2.63%																								1.3		
TOTALS					4889	1062	68	135	0	4533	1034	2219	2438	1671	1748	2650	501	2467	827	53	8	314	151	66	664	555	50	374	21	19929

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

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

I:\6600\94\90\15\152.DWG

SCHEDULE OF JUNCTION CHAMBERS

STR. #	EXISTING STRUCTURE TYPE	STATION	OFFSET	TF	MAINDRIAN DROP MANHOLE NO.	PROPOSED JUNCTION CHAMBER TYPE 1	INVERT (N) (PIPE DIA.)	INVERT (S) (PIPE DIA.)	INVERT (W) (PIPE DIA.)	INVERT (E) (PIPE DIA.)	INVERT (OTHERS) (PIPE DIA.)	JACKING AND/OR JUNCTION CHAMBER CONST BRACED EXC.	RECEIVING PIT BRACED EXC.	TRENCH BACKFILL JACKING PIT (CY)	TRENCH BACKFILL RECEIVING PIT (CY)
DMH 3-01	B-1C	2380+11	1	-6.11	NO. 1		-30.55	-30.55	-18.63 (36")	-17.97 (24")	-12.46 (N) (24") -12.73 (S) (15")	406.6	53.8	294.69	24.21
JC T1 4-01	SPECIAL	2387+01	-4	0.38		NO. 1						368	0	264.49	0
DMH 5-01	B-1C	2391+41	-8	-3.72	NO. 2		-31.7	-31.7	-14.39 (36")	-14.39 (30")	-10.1 (N) (12")	354.8	46.9	242.89	19.64
DMH 6-01	B-1C	2398+63	-2	2.91	NO. 3		-32.78	-32.78	-14.39 (36")	-16.31 (42")		594.2	78.6	482.29	42.91
JC T1 7-01		2407+35	-3	3.4		NO. 2	-33.54	-33.54		-10.43		172.4	0	76.04	0
DMH 8-01	B-1C	2411+68	-3.5	-0.05	NO. 4		-35.36	-35.36	-13.32 (36")	-12.29 (27")		427.6	56.6	315.69	25.99
DMH 9-01		2417+25	4	1.5	NO. 5		-35.40	-35.40	-18.64 (36")	-18.64 (42")		619.9	82	507.99	49.98
JC T2 10-01	B36S	2423+23	-2	4.62		NO. 3	-36.29	-36.29	-10.40 (36")	-10.4 (24")	-2.94 (S) (12")	476.6	63	321.06	30.18
JC T2 11-01	B24S	2429+82	-4	2.31		NO. 4	-36.82	-36.82	-10.99 (42")	-10.99 (42")	-3.93 (S) (12")	428.4	56.7	272.86	26.18
JC T2 13-01	B34S	2437+54	-8	-1.28		NO. 5	-37.44	-37.44	-11.18 (42")	-11.18 (42")		129.6	0	36.86	0
JC T2 14-01	B24N	2445+54	-16	1.63		NO. 6	-38.09	-38.09	-10.45 (36")	-11.51 (30")	-9.55 (S) (12")	394.2	52.1	238.66	23.74
JC T2 15-01	B36S	2450+62	-8	-2.1		NO. 7	-38.49	-38.49	-12.14 (36")	-12.14 (30")	-9.02 (S) (15") -9.02 (N) (12")	337.1	44.6	181.56	18.32
JC T2 17-01	B36S	2460+76	-8	-2.01		NO. 8	-39.30	-39.30	-10.76 (36")	-10.76 (30")	-8.44 (S) (15") -7.91 (N) (12")	301	39.8	145.46	15
JC T2 17-02	B24S	2465+33	-7	1.94		NO. 9	-39.67	-39.67	-9.78 (36")	-9.78 (27")	-8.04 (S) (12")	384.2	50.8	228.66	22.2
JC T2 22-01	B24S	2494+18	-5	6.72		NO. 10	-40.69	-40.69		-5.17 (30")	-1.41 (S) (12") -2.61 (N) (12")	151.2	0	58.46	0
JC T2 25-01	B24N	2510+45	-6	6.23		NO. 11	-43.13	-43.13		-7.74 (30")	0.09 (N) (12")	173.9	0	81.16	0
JC T2 26-01	B24S	2517+50	-7	9.12		NO. 12	-43.58	-43.58		-4.33 (24")	-1.29 (N) (12")	168.2	0	75.46	0
JC T2 27-01	B36S	2522+92	-5	1.99		NO. 13	-43.88	-43.88		-5.96 (30")	-4.81 (N) (12")	108.3	0	15.56	0
TOTALS												5,996.0	625.0	3,840.0	298.0

SCHEDULE OF JACKED SEWERS

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



REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

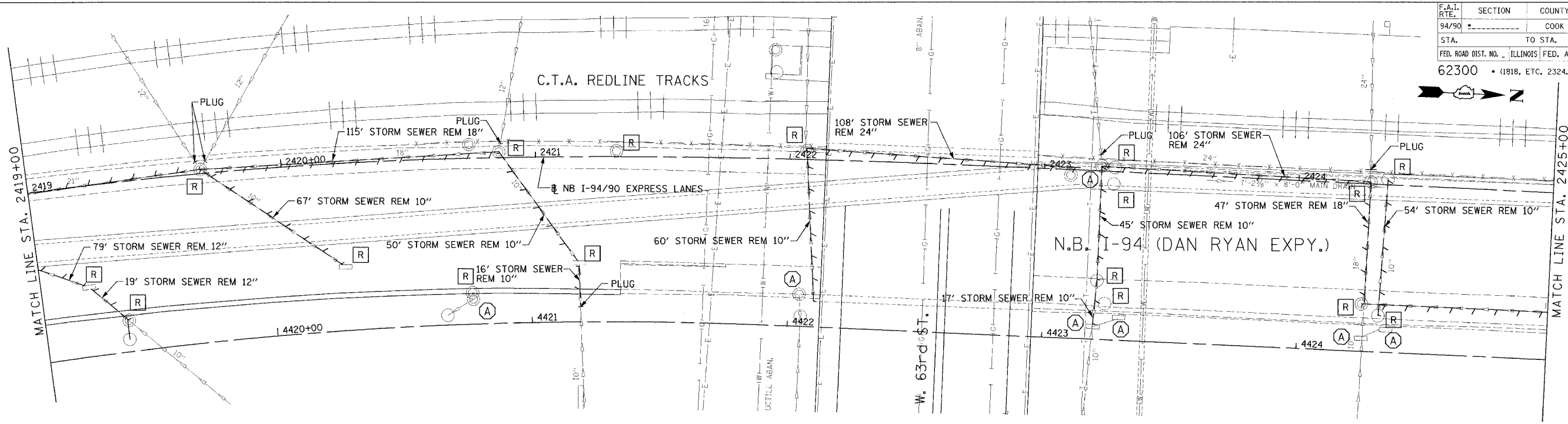
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION

DRAINAGE SCHEDULE
JUNCTION CHAMBERS AND JACKING

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

DS-41

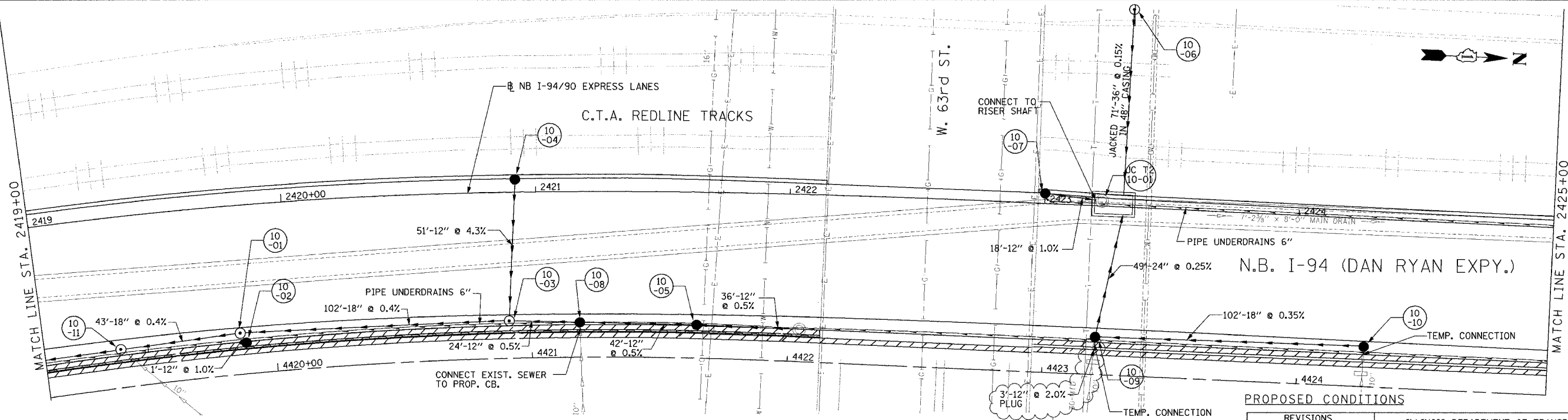
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NOTES:

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

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

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

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

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

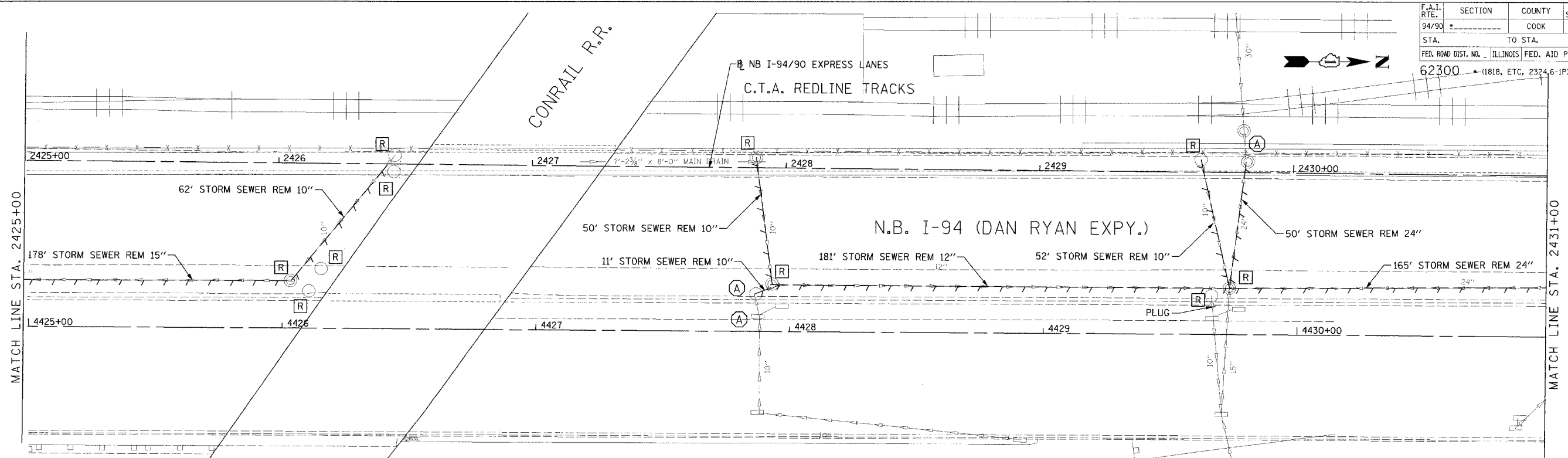
DATE: 7/7/05

DRAWN BY: LPN
 CHECKED BY: PJM

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

09/15/2005 02:52:55 PM

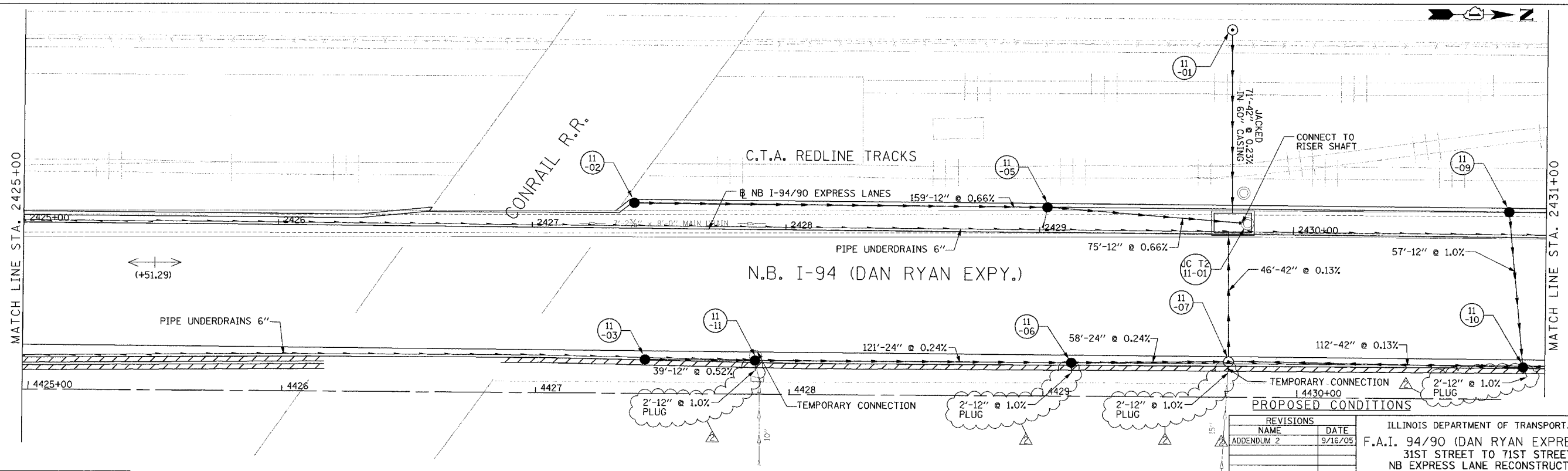
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	167
STA.	TO STA.			
62300	← (11818, ETC, 2324.6-1P)R-8			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

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

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

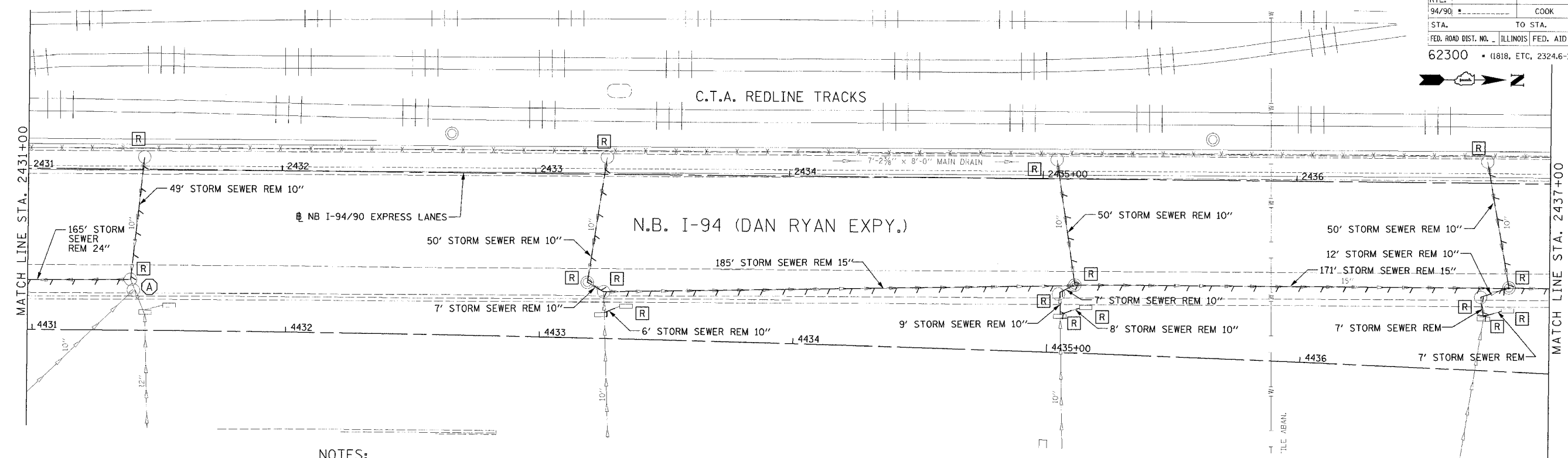
REVISIONS	NAME	DATE
ADDENDUM 2		9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 NORTHBOUND STA. 2425+00 TO STA. 2431+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

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

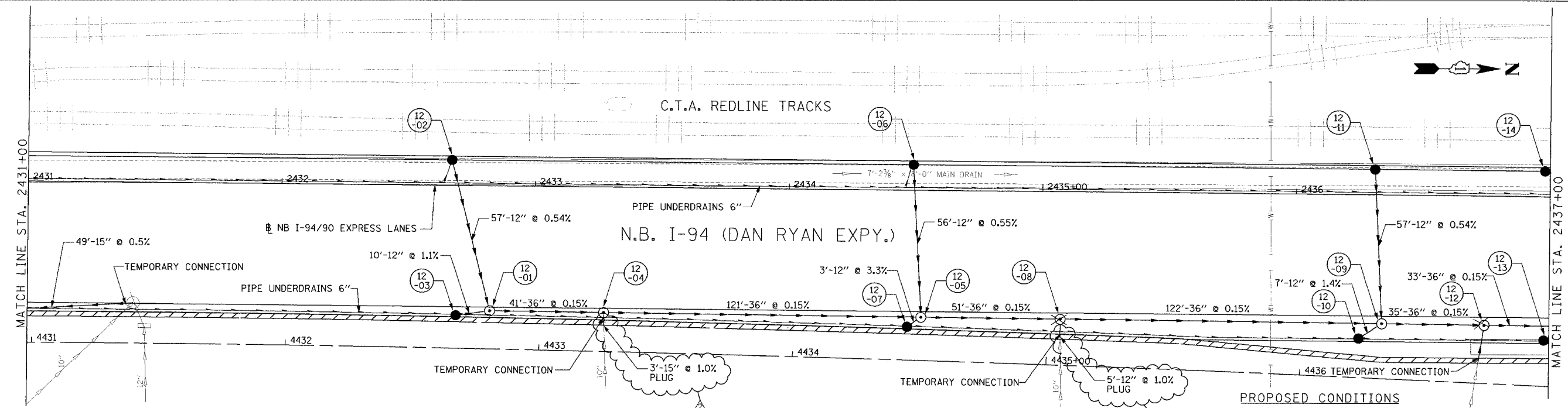
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F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 168
STA. 62300	TO STA. (1818, ETC., 2324.6-1PR-8)		FED. AID PROJECT	



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

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

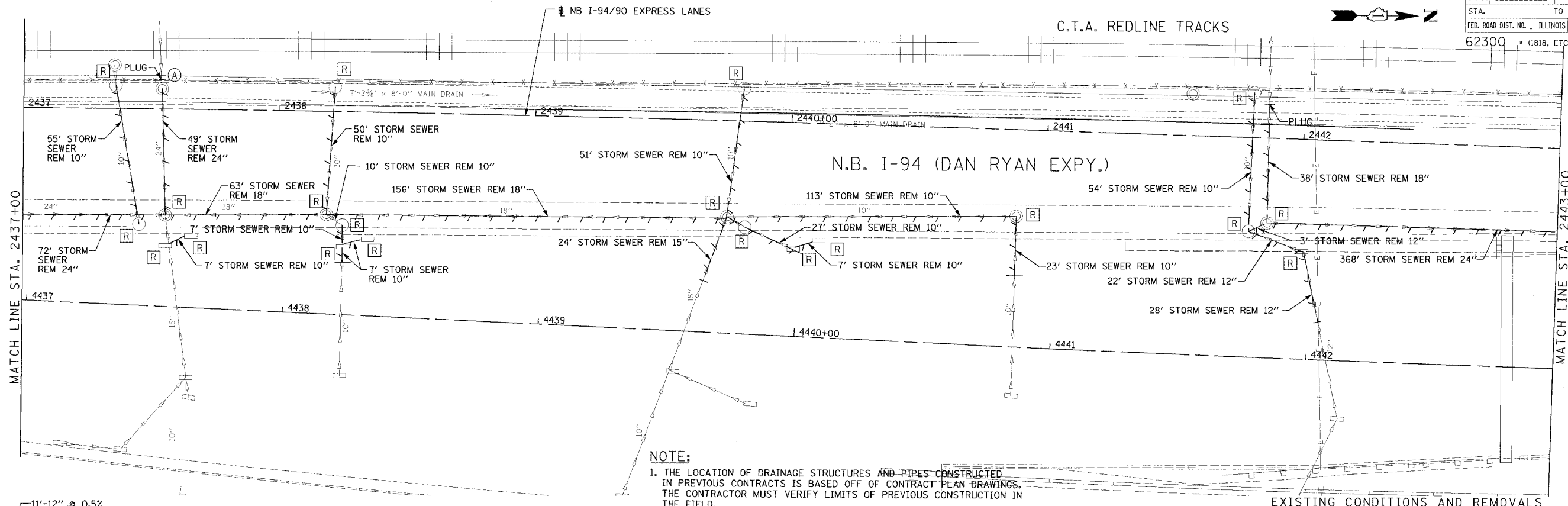
REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

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

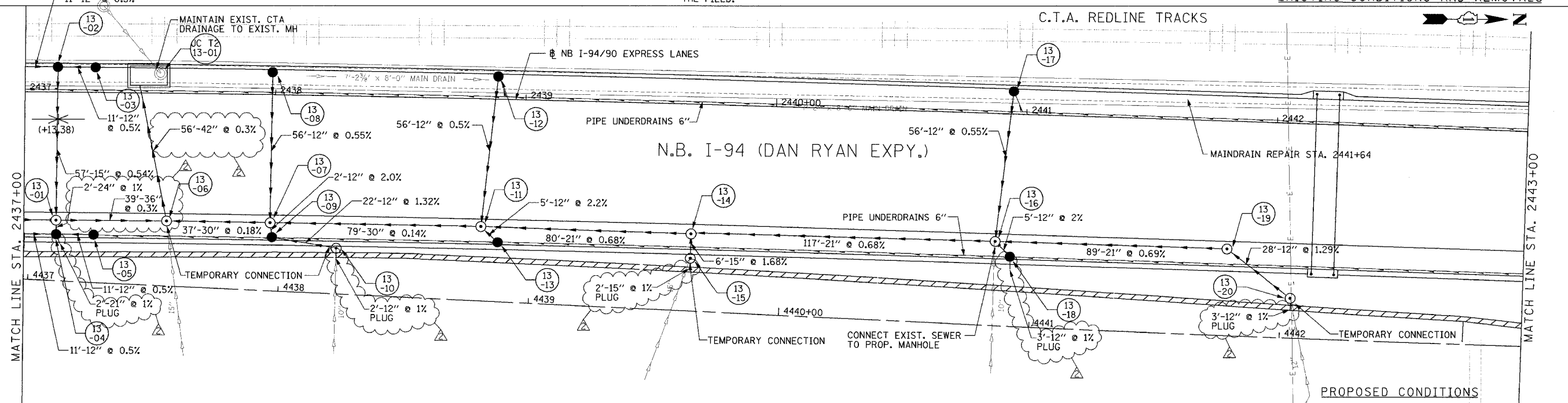
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
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09/15/2005 02:04:57 PM

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



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



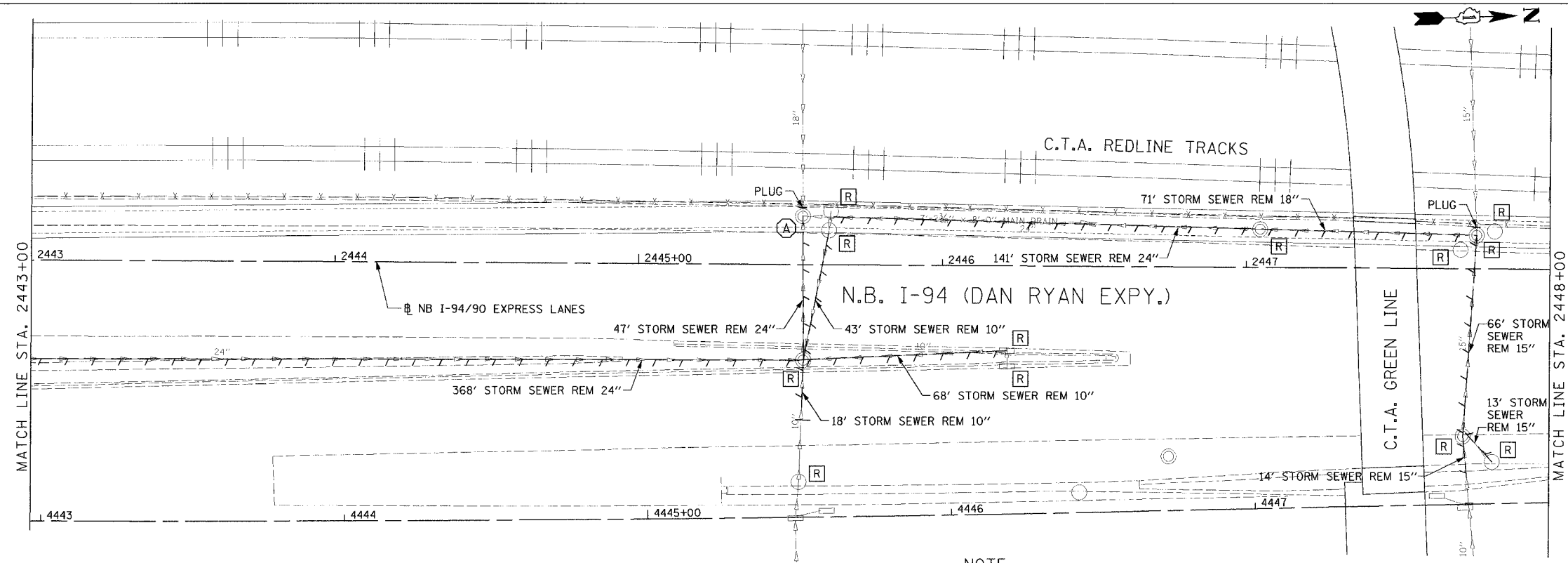
REVISIONS		
NO.	NAME	DATE
ADDENDUM 2		9/16/05

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

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

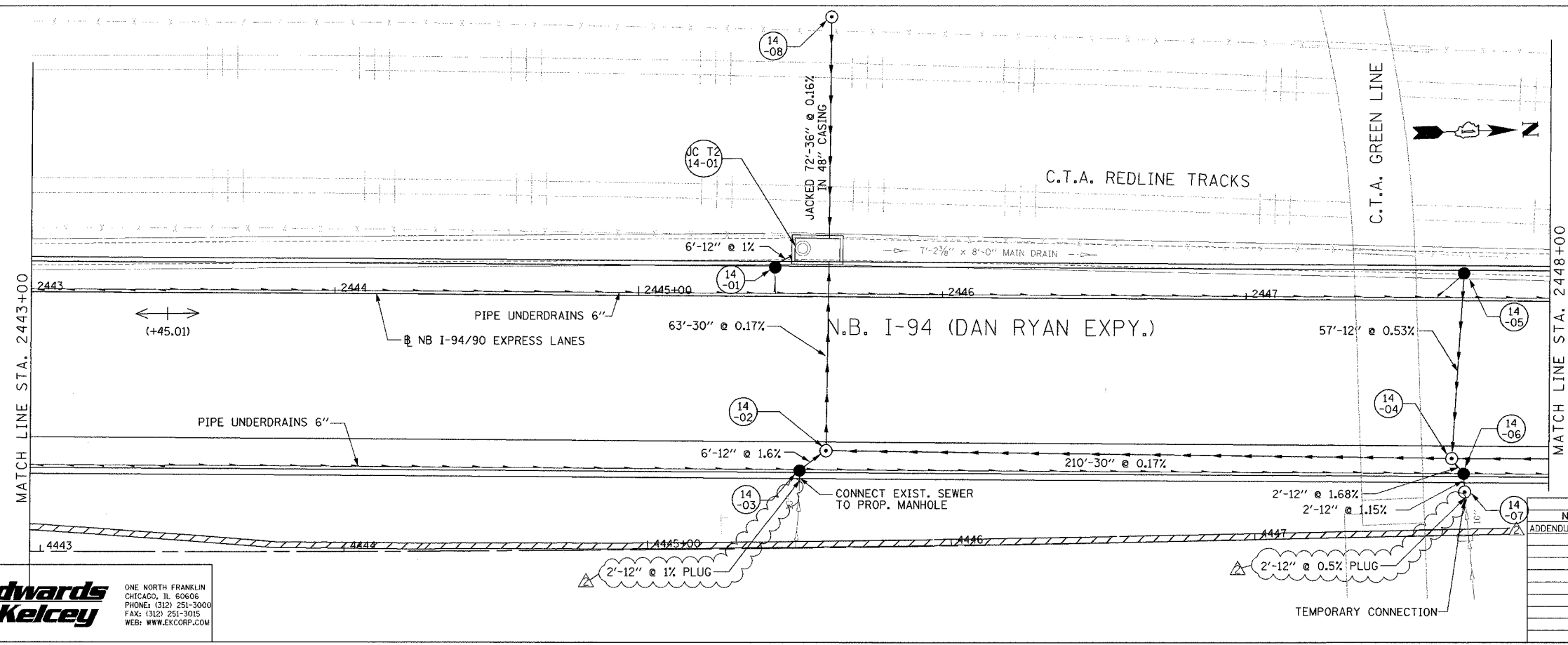
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	170
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300	11818, ETC, 23246-IPJR-8			



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

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-14

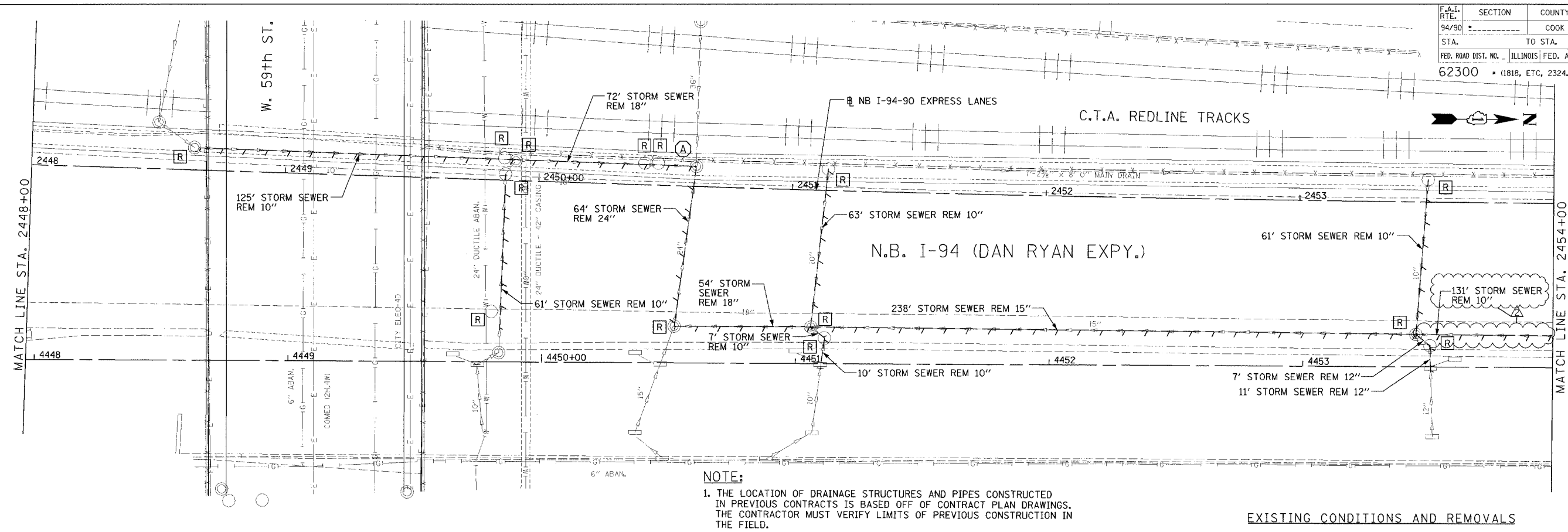
REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

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

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

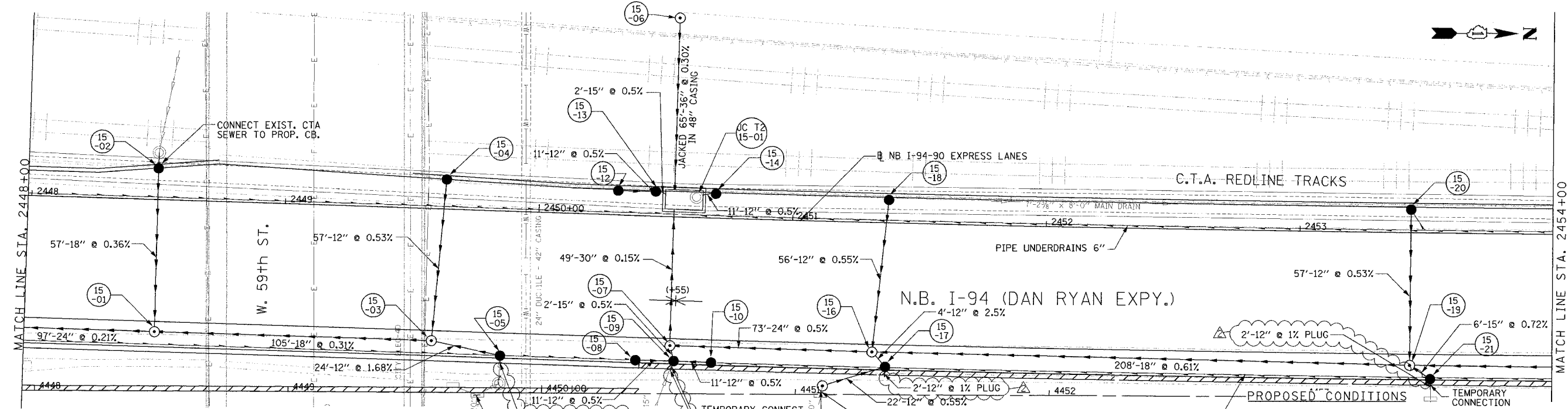
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	171
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62300	• (1818, ETC, 2324.6-IPR-8			



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

EXISTING CONDITIONS AND REMOVALS



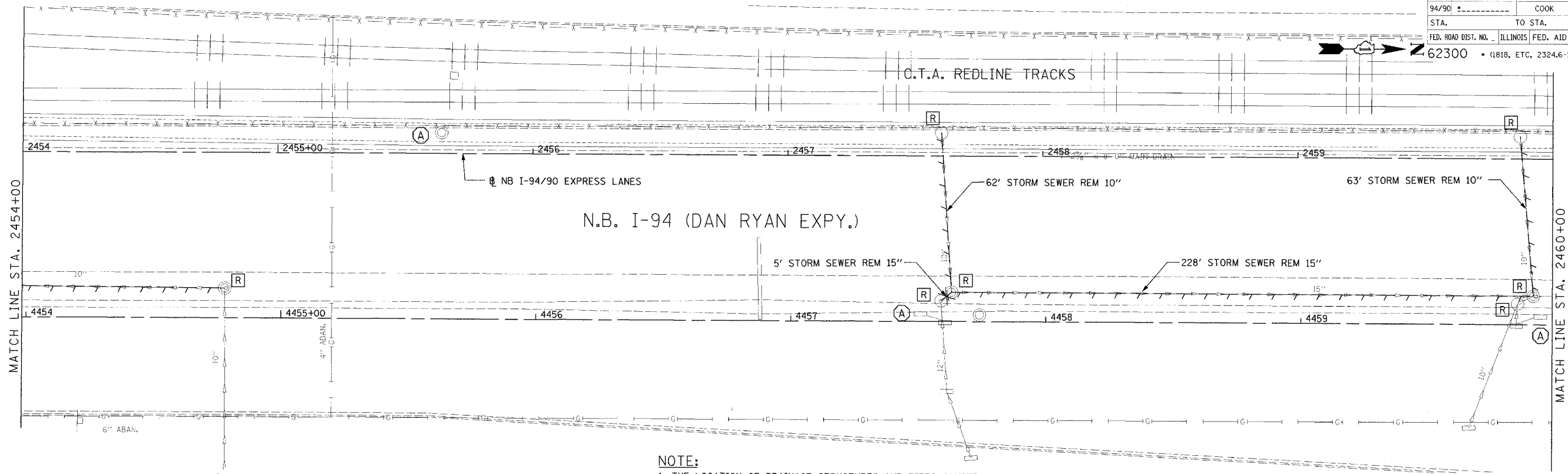
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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

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

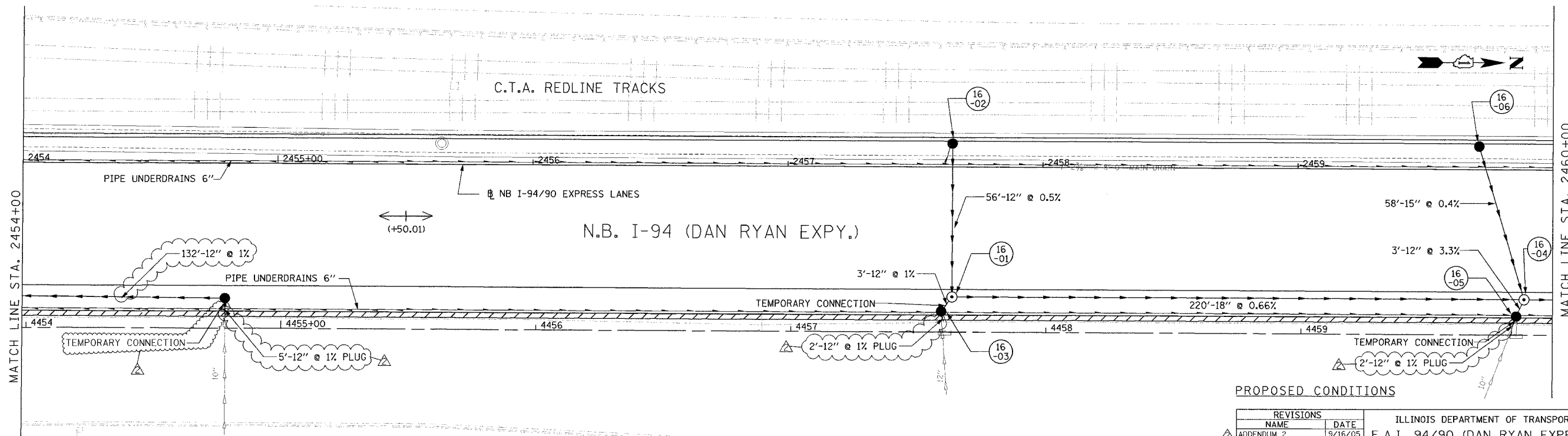
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F.A.I. SHEETS NO. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 172
STA. 62300	TO STA.	ILLINOIS FED. AID PROJECT (1818, ETC, 2324.6-1P/R-8)		



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

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

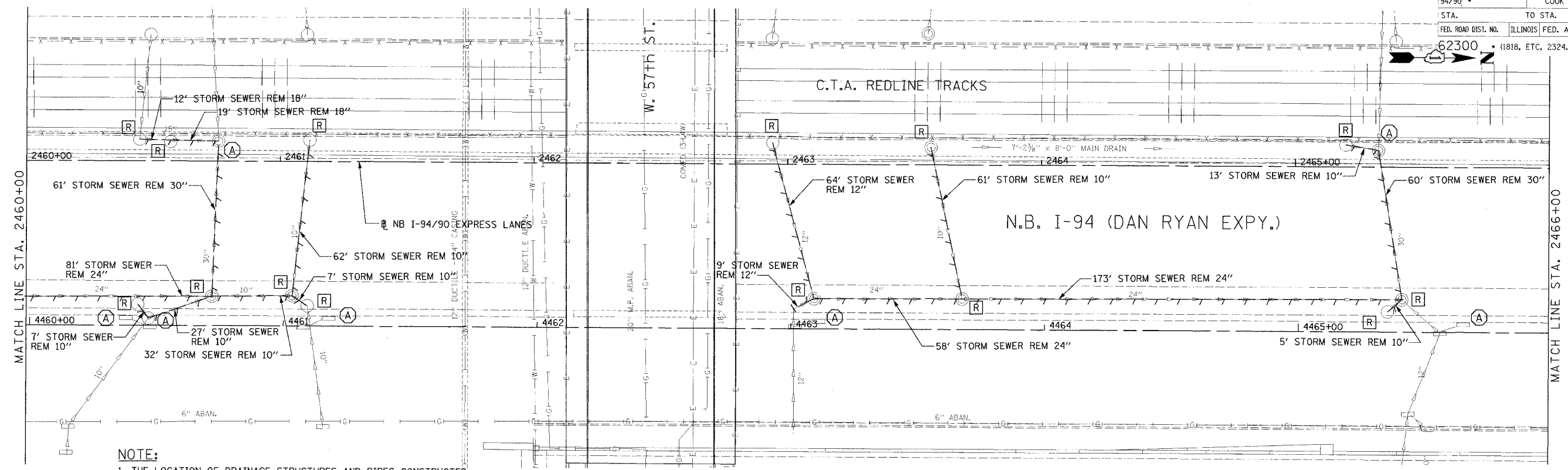
REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

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

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

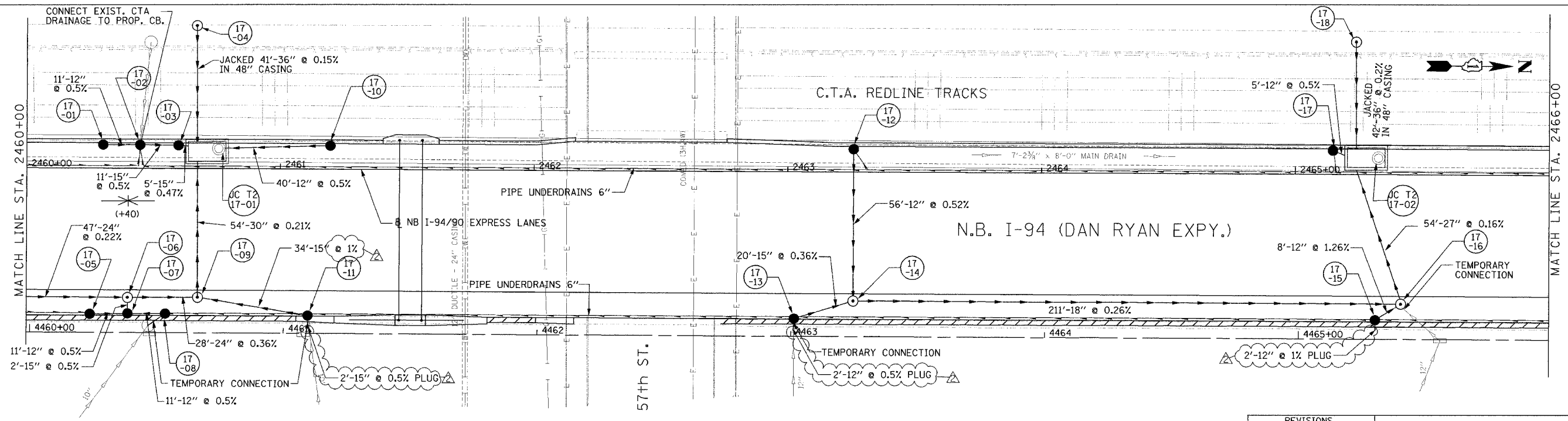
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	173
STA.	TO STA.		FED. ROAD DIST. NO.	
62300	(11818, ETC, 23246-1P)R-8		ILLINOIS FED. AID PROJECT	



NOTE:
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EXISTING CONDITIONS AND REMOVALS



DU-17

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 CHICAGO, IL 60606
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 FAX: (312) 251-3015
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REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

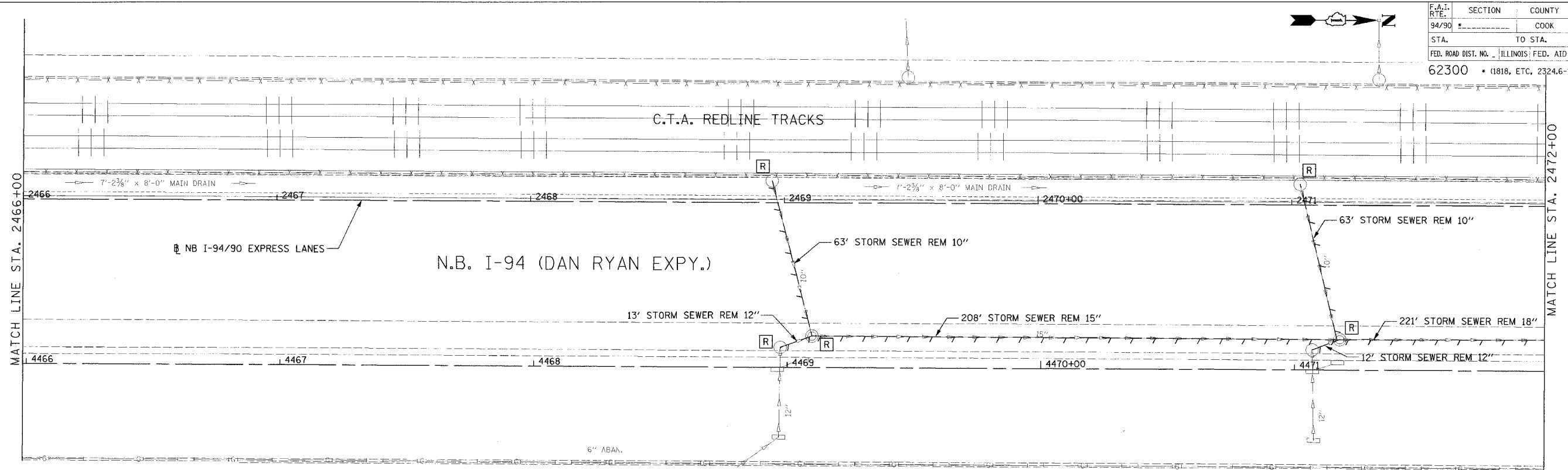
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION

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

DRAWN BY: LPN
 CHECKED BY: PJM

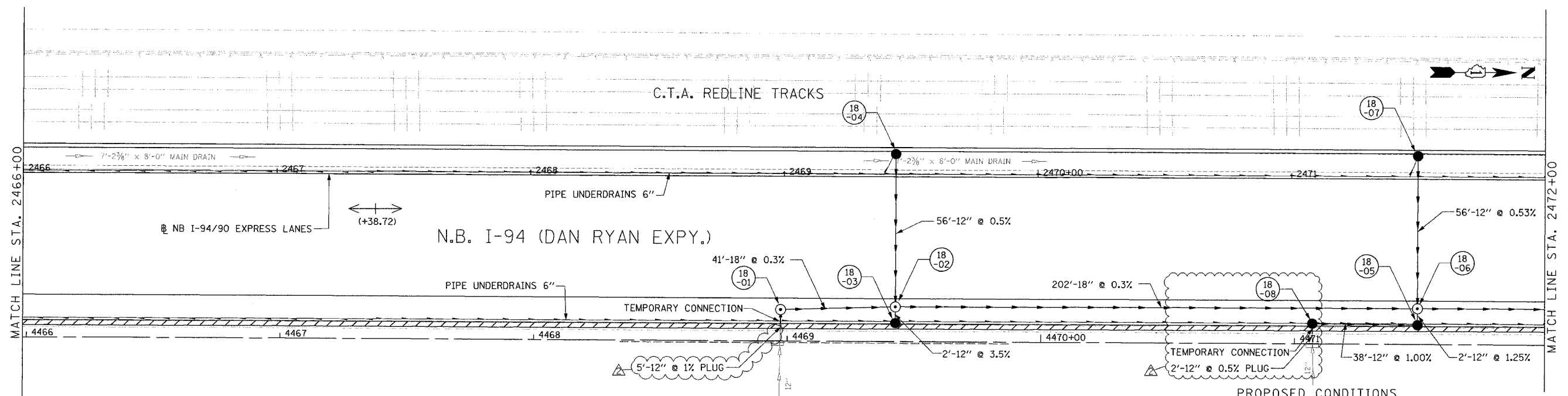
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F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	174
STA.	TO STA.			
62300	11818, ETC, 2324.6-1P/R-8			



NOTE:
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EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

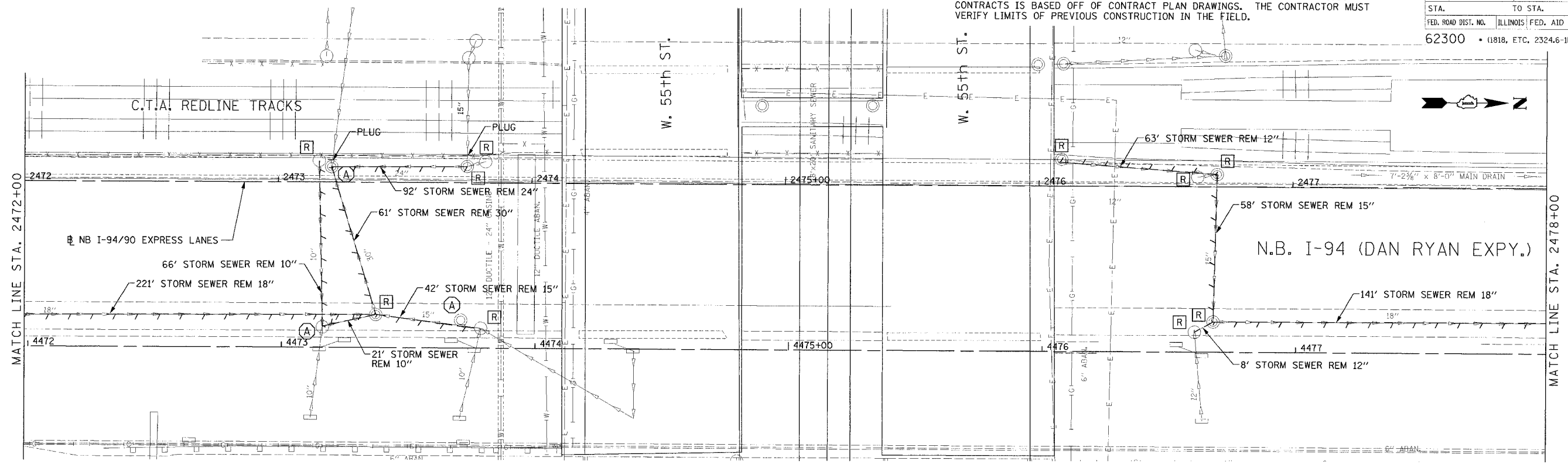
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 NORTHBOUND STA. 2466+00 TO STA. 2472+00
 SCALE: 1"=20'
 DATE: 7/1/05
 DRAWN BY: LPN
 CHECKED BY: PJM

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

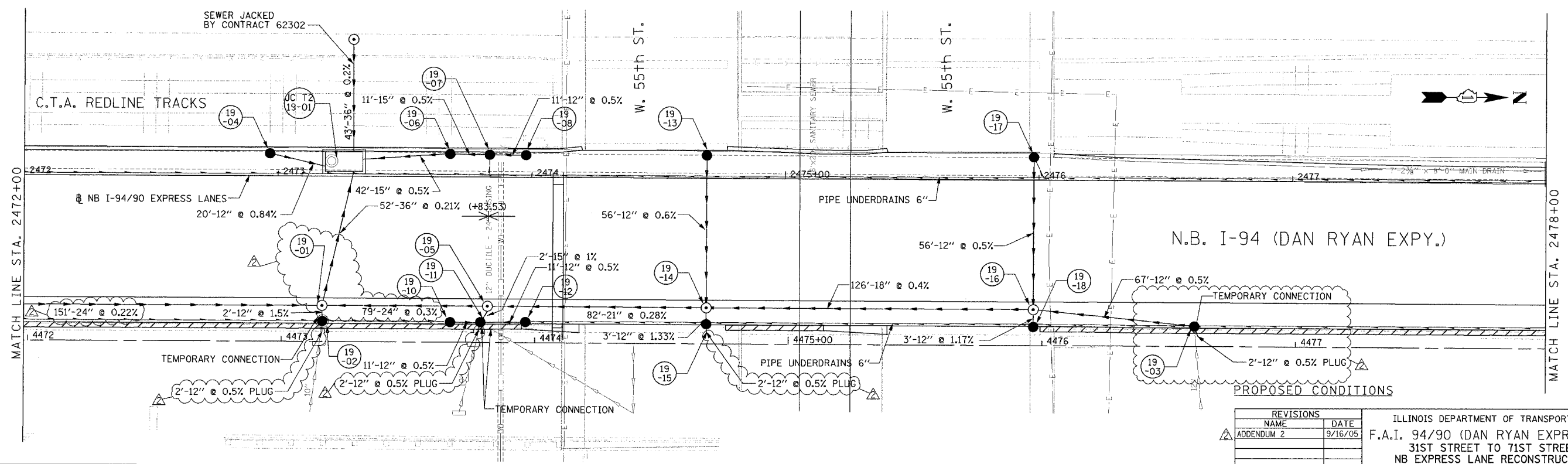
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NOTE:
 1. THE LOCATION OF DRAINAGE STRUCTURES AND PIPES CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.

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



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

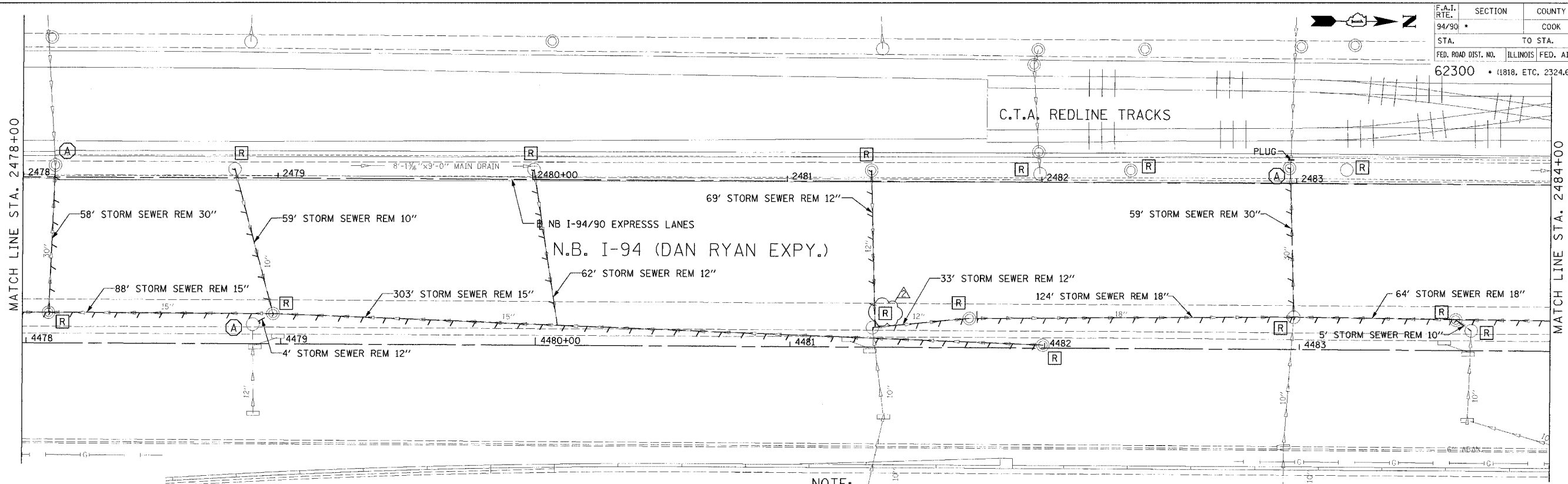
REVISIONS		
NO.	NAME	DATE
1	ADDENDUM 2	9/16/05

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

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

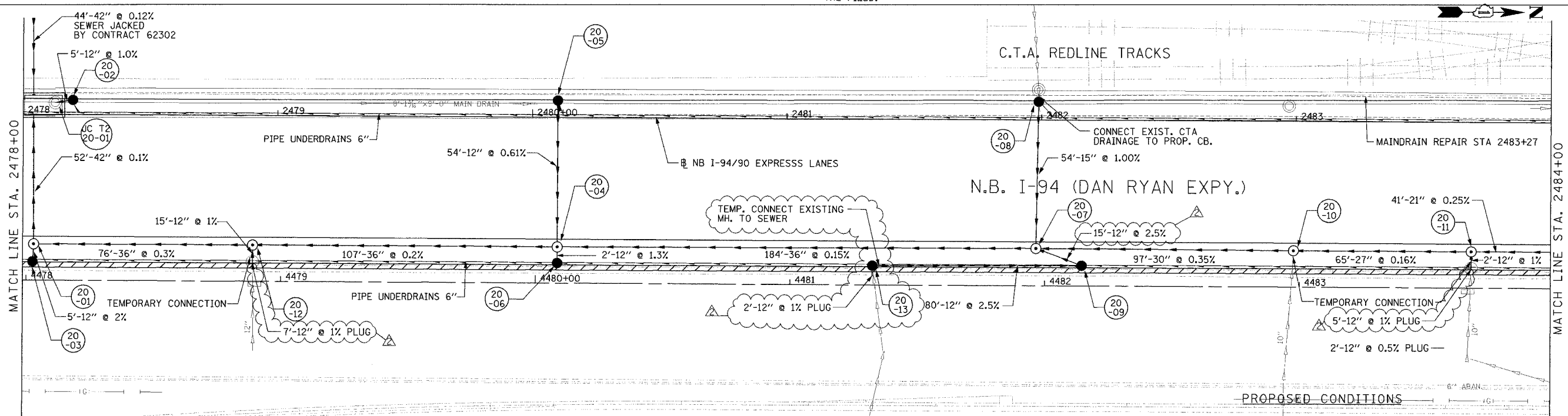
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	176
STA.	TO STA.			
62300	(1818, ETC. 2324.6-1)PR-8			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE:
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EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-20

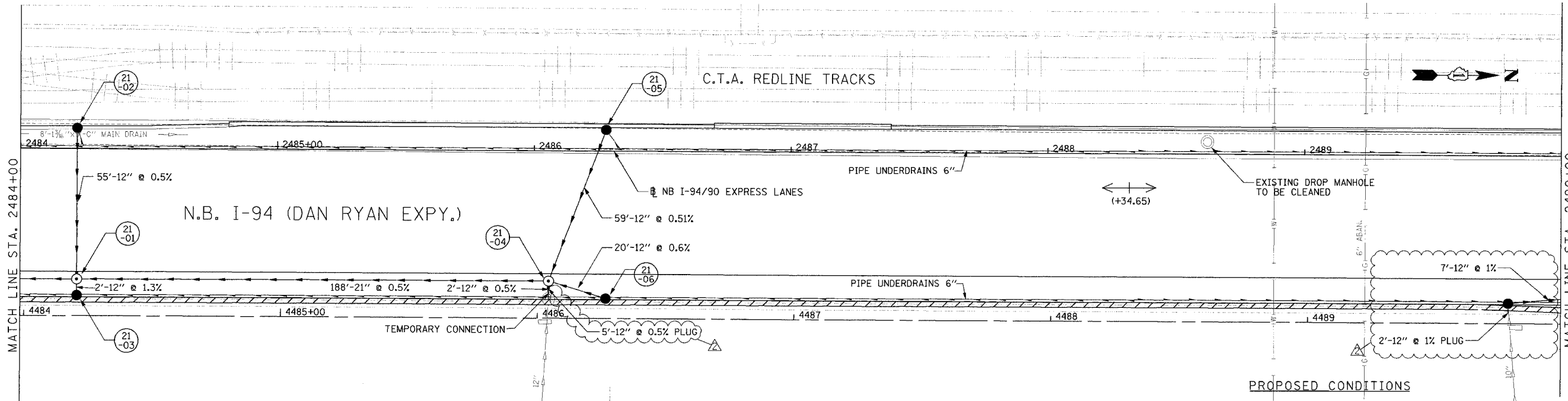
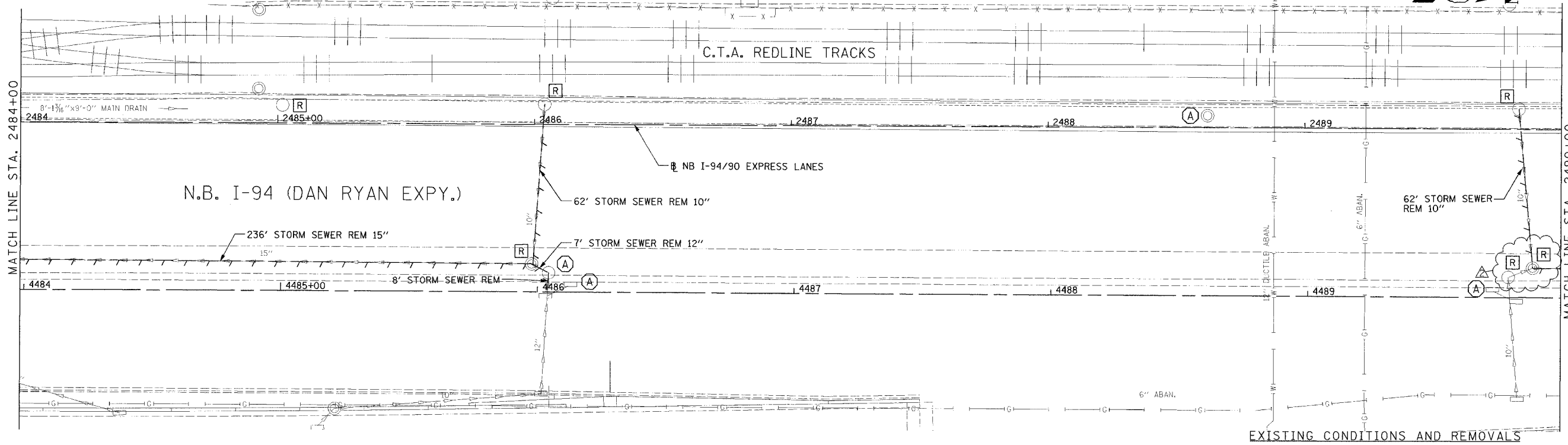
REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

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

Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
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09/15/2005 02:07:31 PM

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

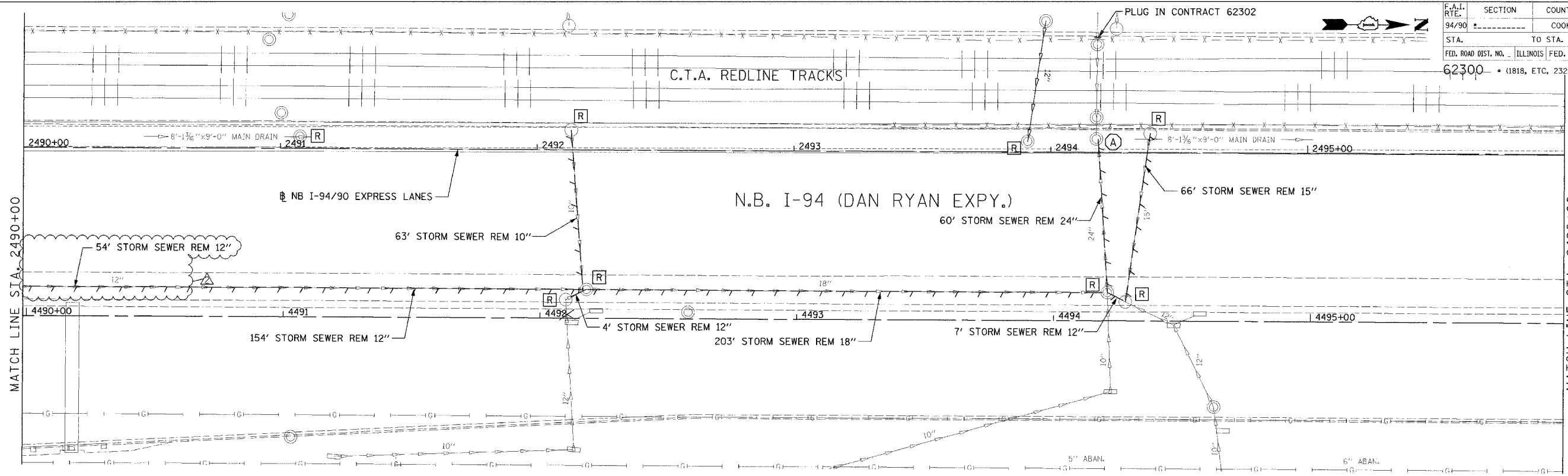


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	F.A.I. 94/90 (DAN RYAN EXPRESSWAY)	
ADDENDUM 2	9/16/05	31ST STREET TO 71ST STREET	
		NB EXPRESS LANE RECONSTRUCTION	
		DRAINAGE AND UTILITIES PLAN	
		NORTHBOUND STA. 2484+00 TO STA. 2490+00	
		SCALE: 1"=20'	DRAWN BY: LPN
		DATE: 7/7/05	CHECKED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

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

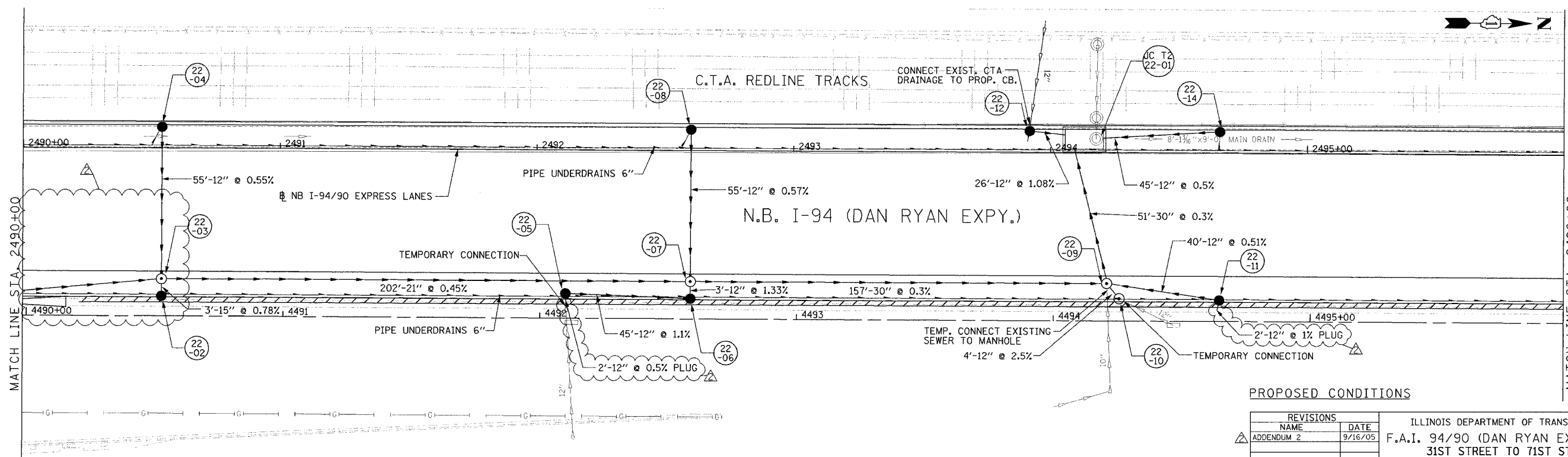
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	178
STA.	TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
62300	(1818, ETC, 2324.6-1)PR-8			



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

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

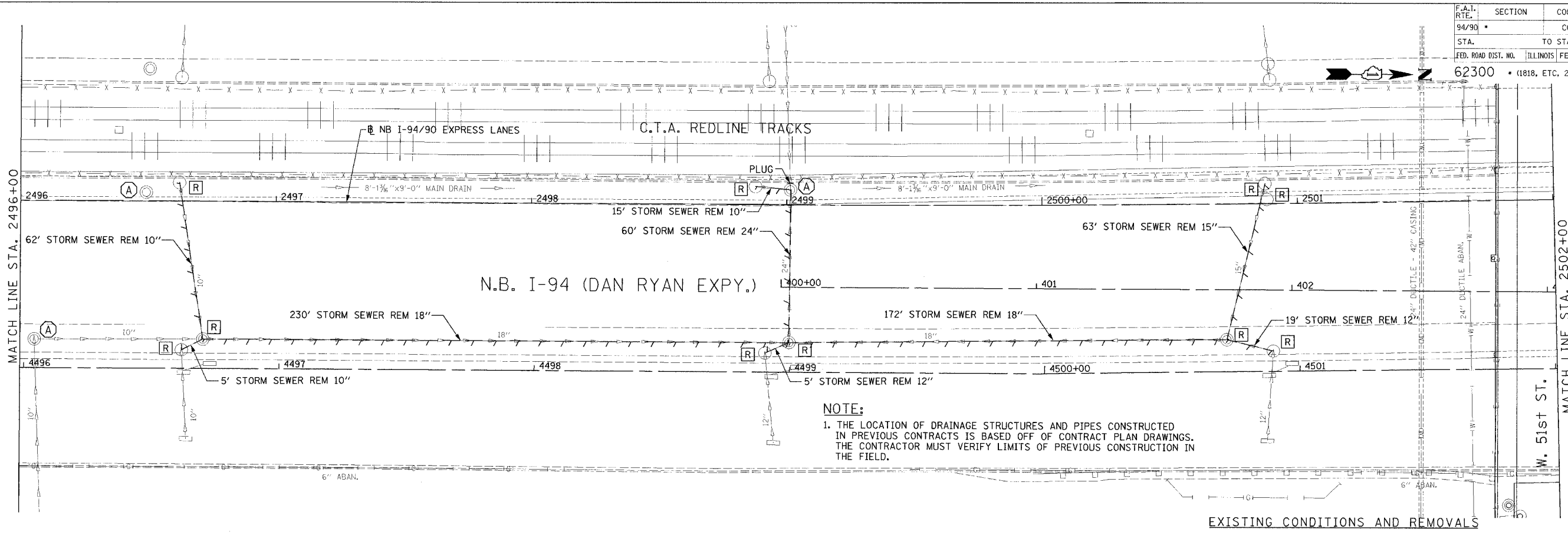
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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

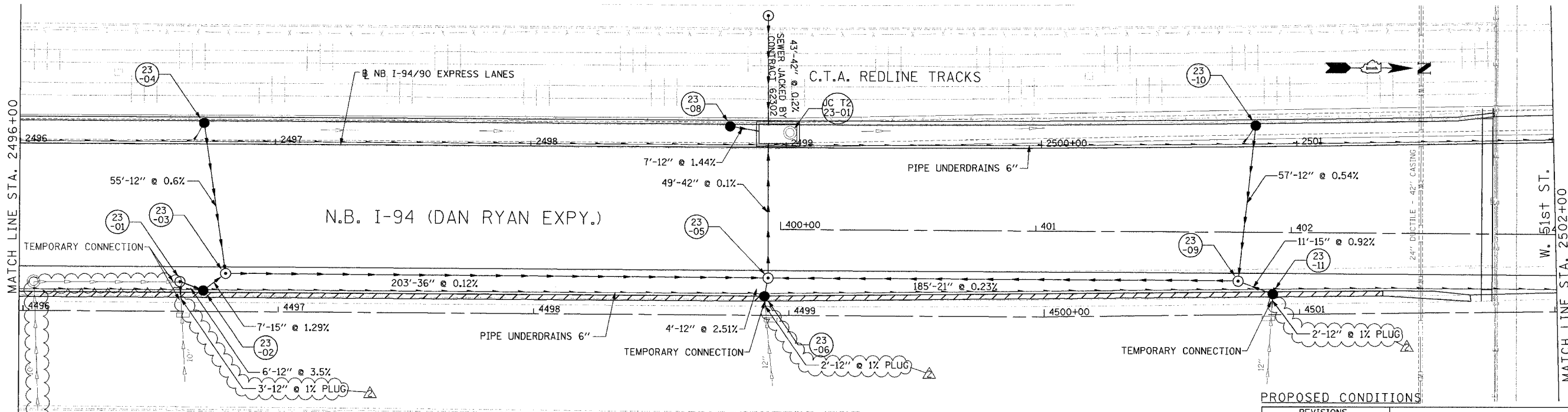
Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

09/15/2005 02:46:08 PM
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	179
STA.	TO STA.			
62300	(1818, ETC. 2324.6-1P)R-8			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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



PROPOSED CONDITIONS

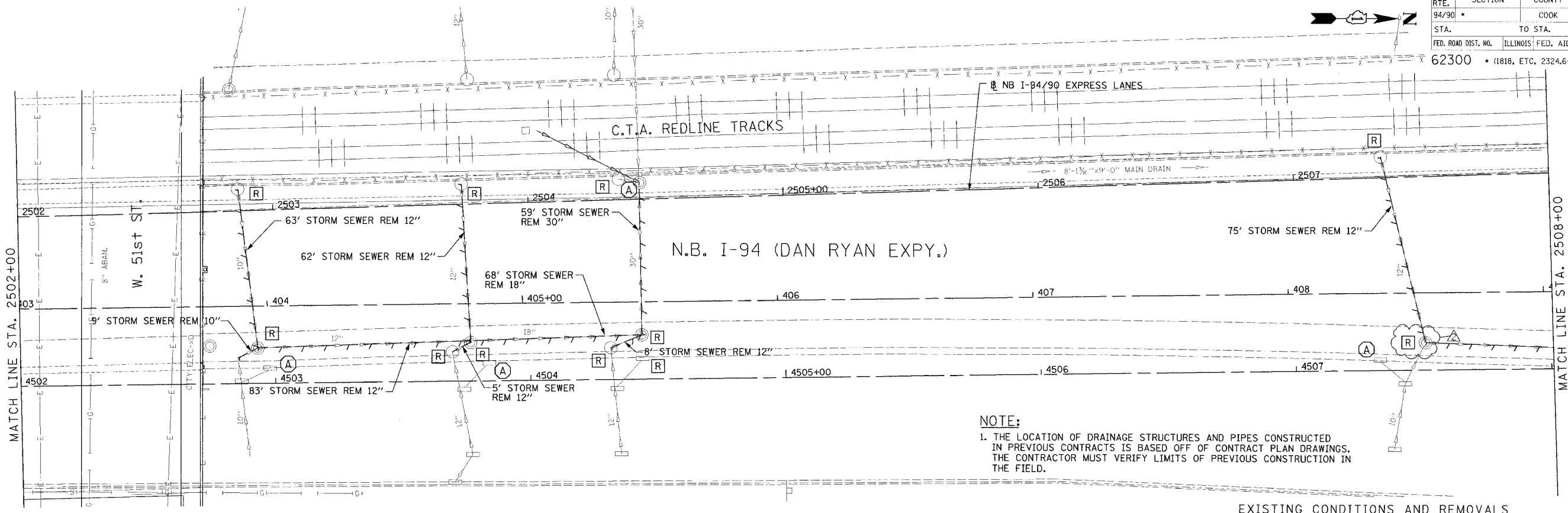
REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

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

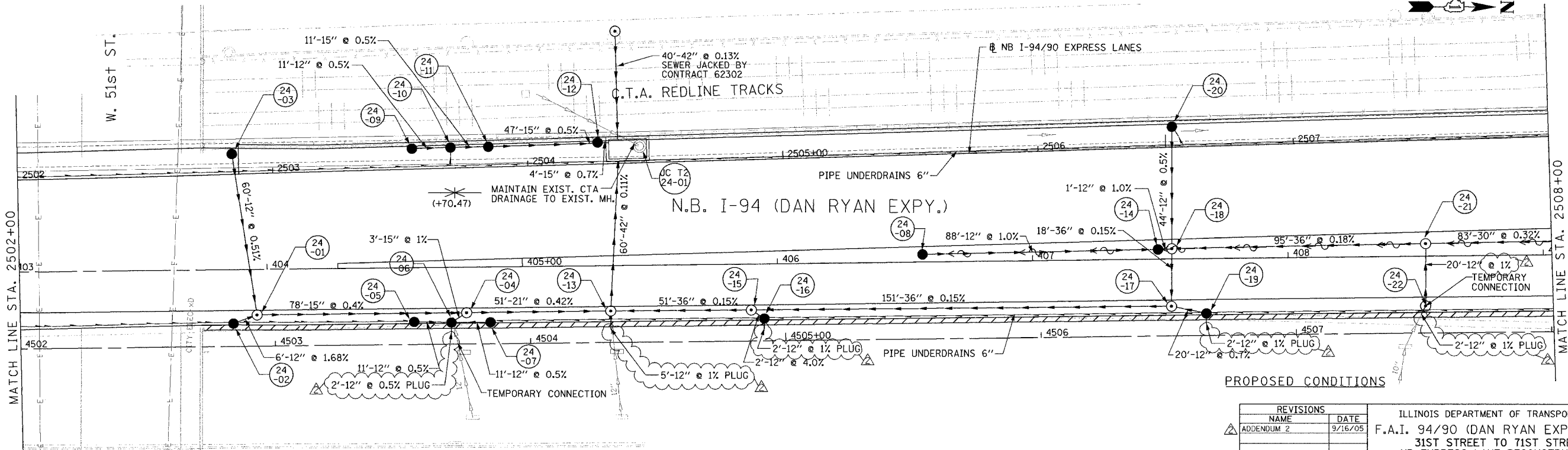
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

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



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

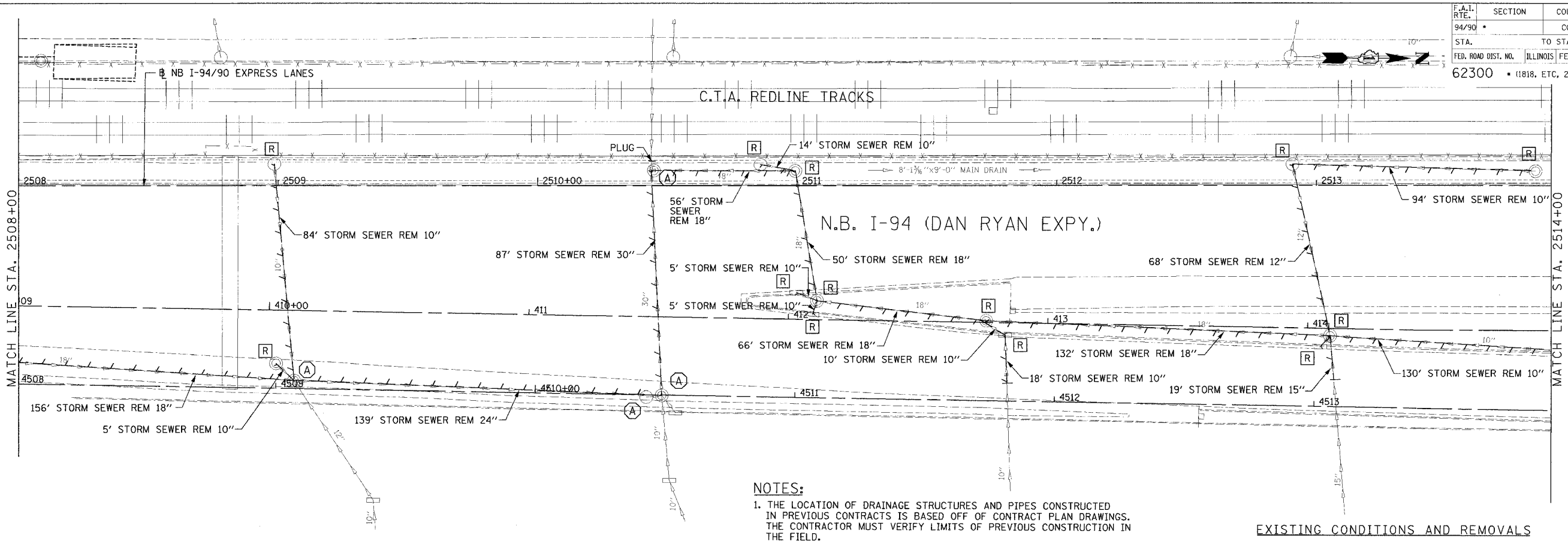
Edwards AND Kelcey
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 CHICAGO, IL 60606
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 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 NORTHBOUND STA. 2502+00 TO STA. 2508+00
 SCALE: 1"=20'
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

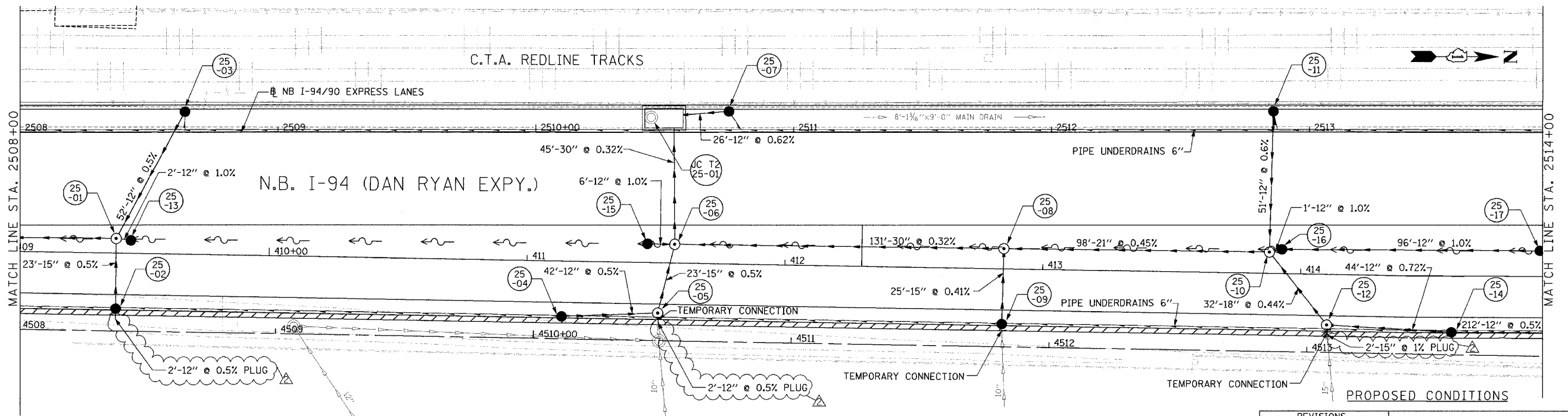
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	181
STA.	TO STA.			
62300	(1818, ETC, 2324.6-1PIR-8			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

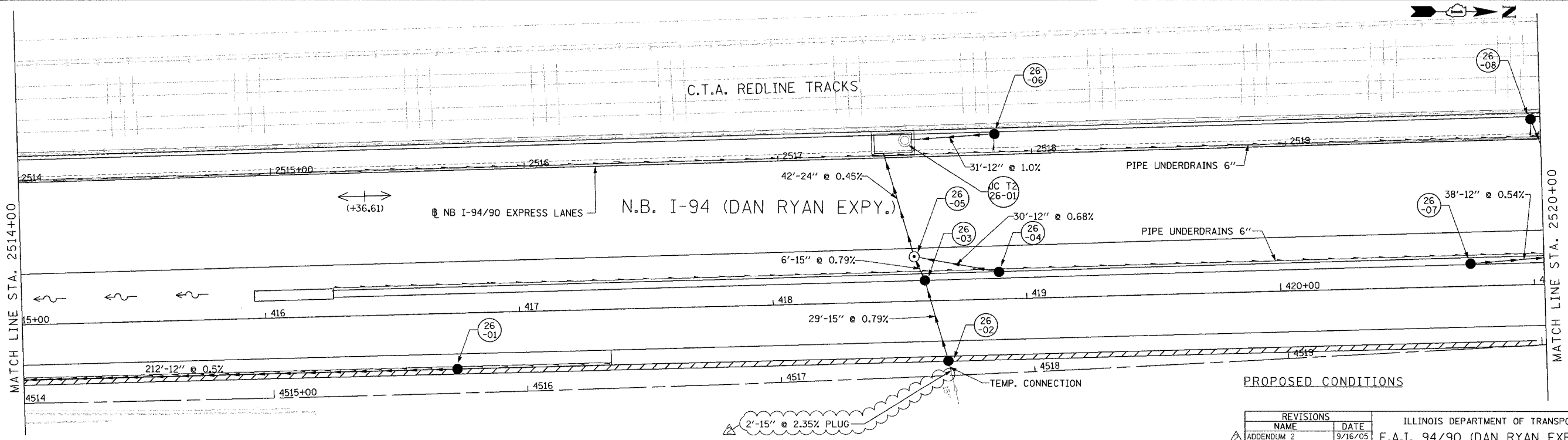
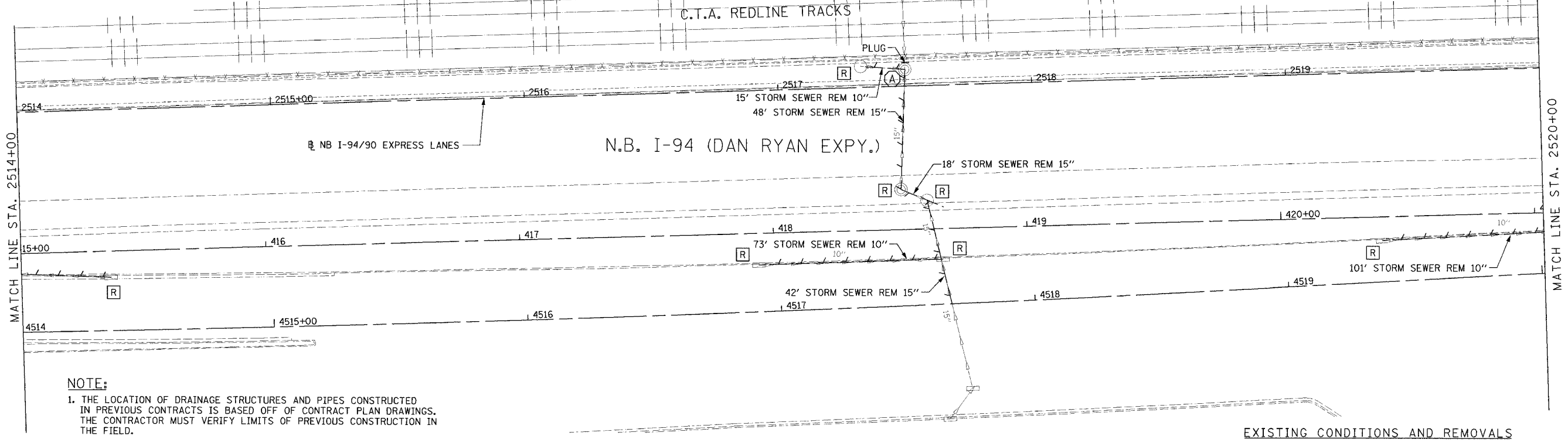
REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

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

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

09/15/2005 2:20:23 PM

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



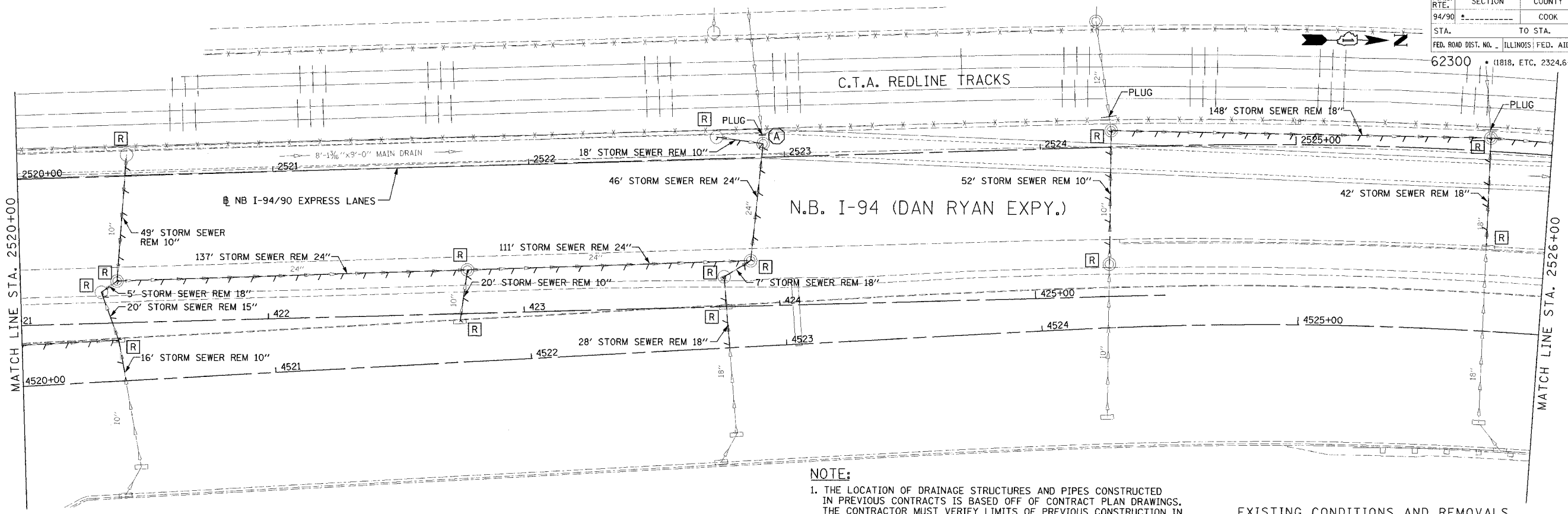
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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

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

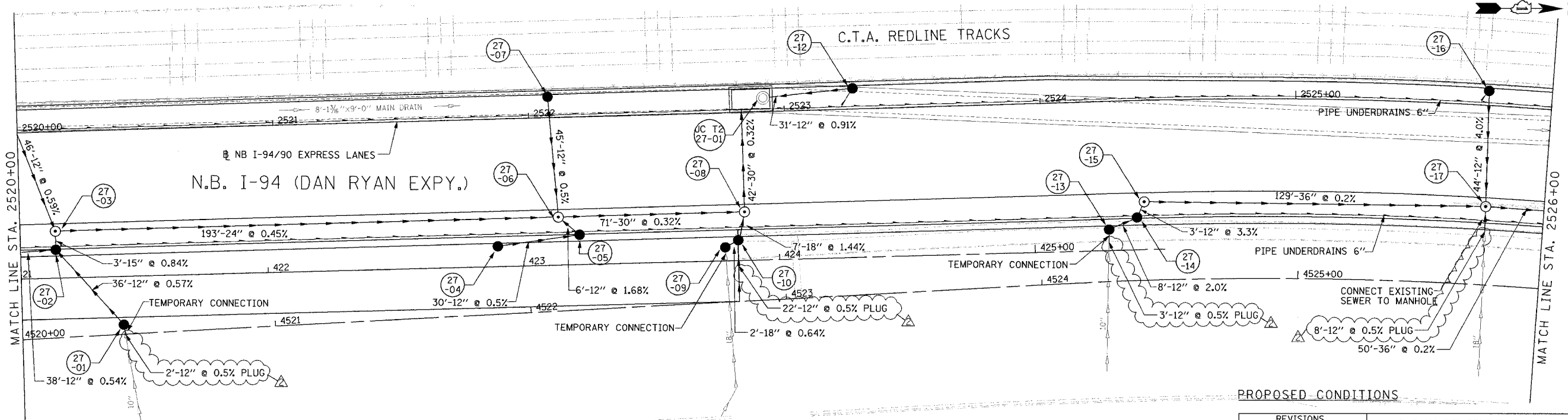
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	183
STA.	TO STA.			
62300	(1818, ETC. 2324.6-1)PR-8			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-27

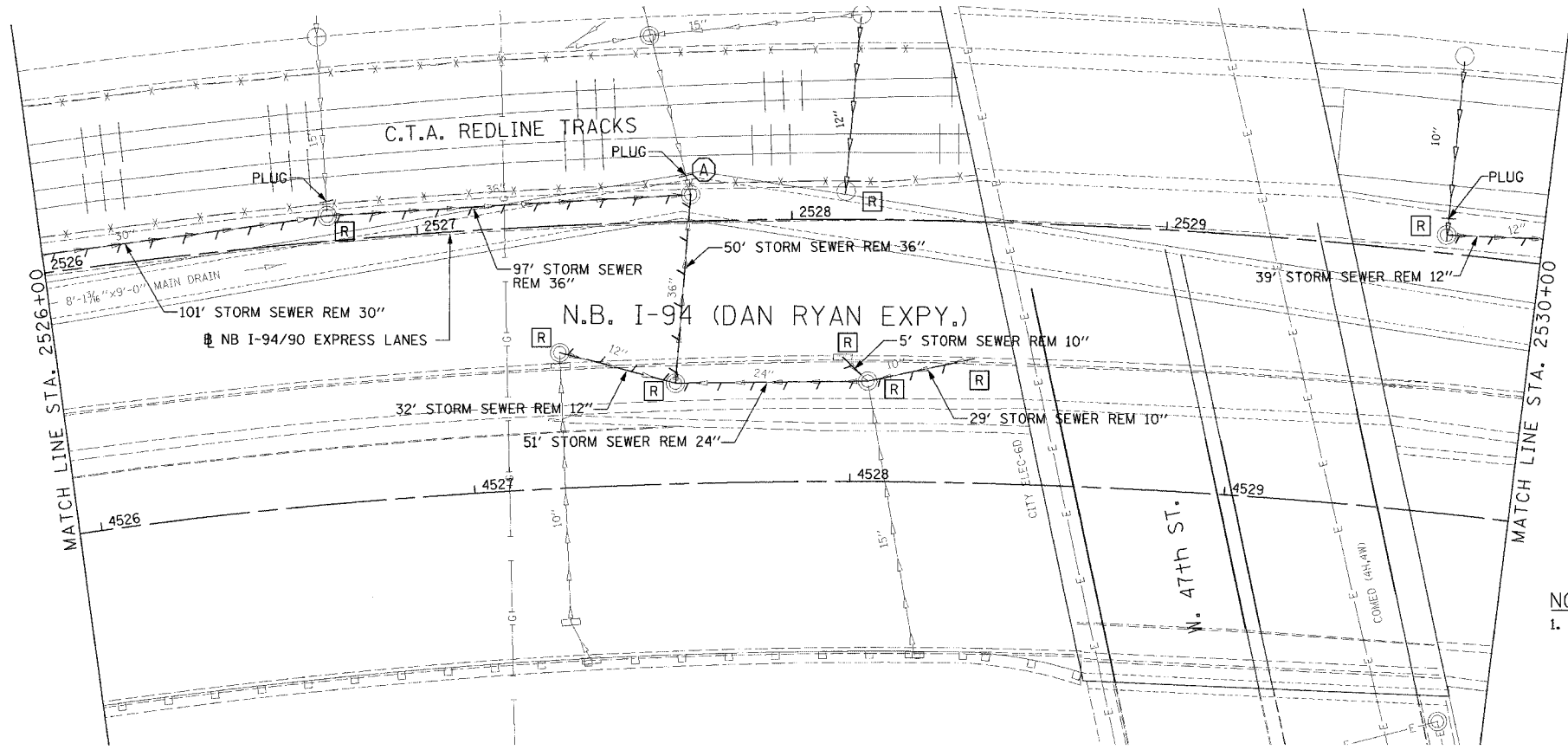
Edwards AND Kelcey
 ONE NORTH FRANKLIN CHICAGO, IL 60606
 PHONE: (312) 251-5000
 FAX: (312) 291-3015
 WEB: WWW.EKCORP.COM

REVISIONS		
NAME	DATE	
ADDENDUM 2	9/16/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 NORTHBOUND STA. 2520+00 TO STA. 2526+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

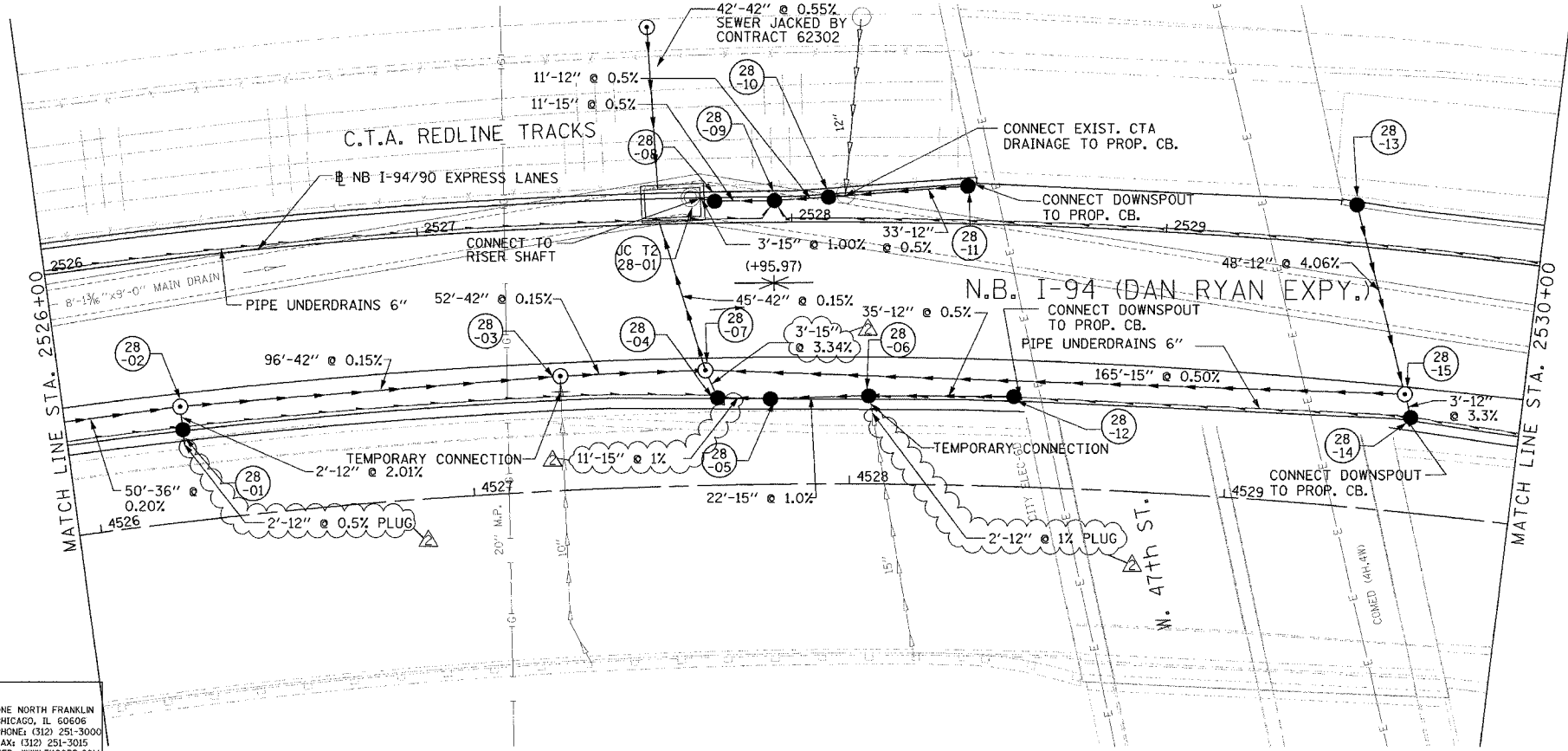
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	184
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62300		(1818, ETC, 2324.6-IPR-8)		



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

EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-28

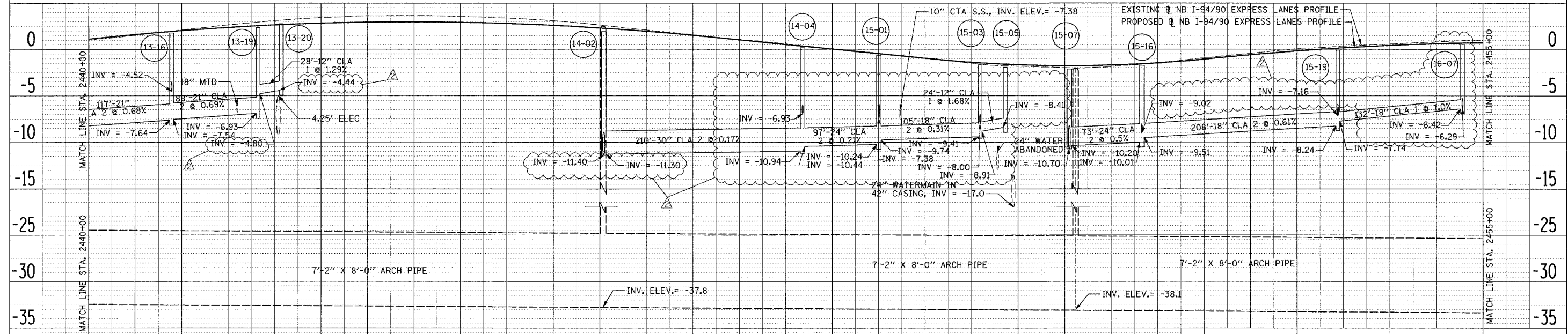
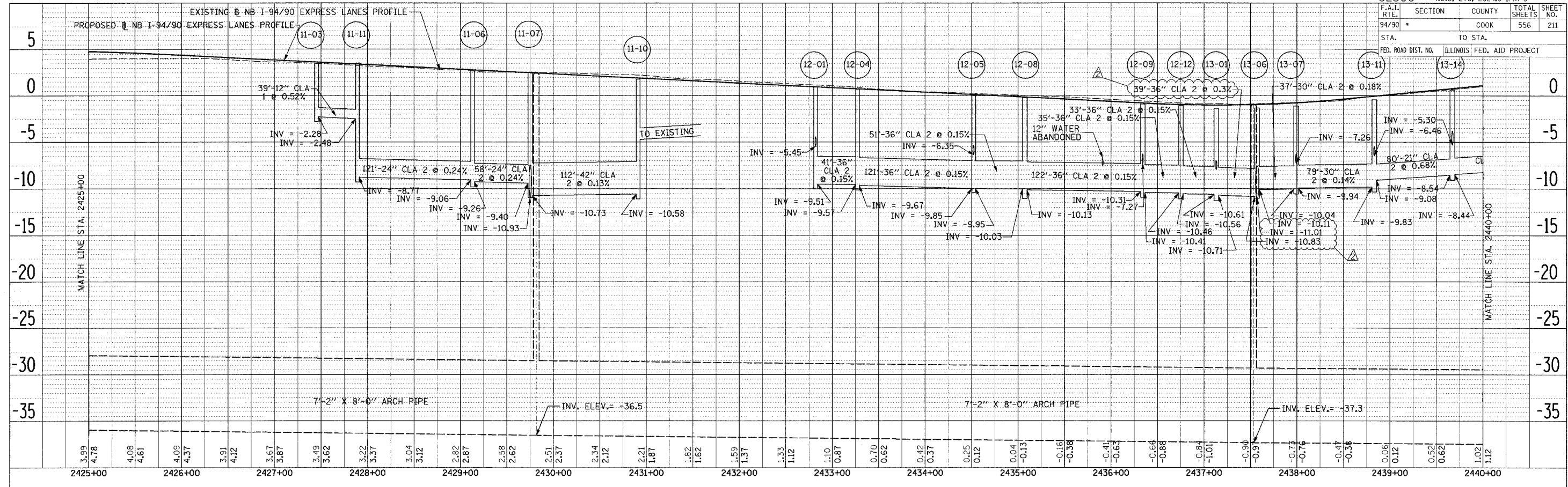
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 NORTHBOUND STA. 2526+00 TO STA. 2530+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

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

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F.A.I. RTE. 94/90	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	COOK		556	211
STA. TO STA.		ILLINOIS FED. AID PROJECT		



2440+00	1.02	1.12	1.54	1.60	2.11	2.02	2.64	2.36	3.09	2.62	3.42	2.80	3.63	2.91	3.64	2.94	3.54	2.89	3.35	2.77	3.08	2.57	2.61	2.29	2.08	1.94	1.57	1.51	1.08	1.02	0.59	0.52	0.07	0.02	-0.42	-0.48	-0.95	-0.98	-1.50	-1.42	-1.84	-1.68	-2.00	-1.78	-1.89	-1.72	-1.47	-1.48					
2442+00																																																					

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2452+00	-0.94	-1.08	-0.43	-0.60	0.07	-0.18	0.36	0.16	0.59	0.43	0.82	0.62	0.97	0.73
2453+00														
2454+00														
2455+00														

REVISIONS
 NAME DATE
 ADDENDUM 2 9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 DRAINAGE PROFILES
 NORTHBOUND STA. 2425+00 TO STA. 2455+00

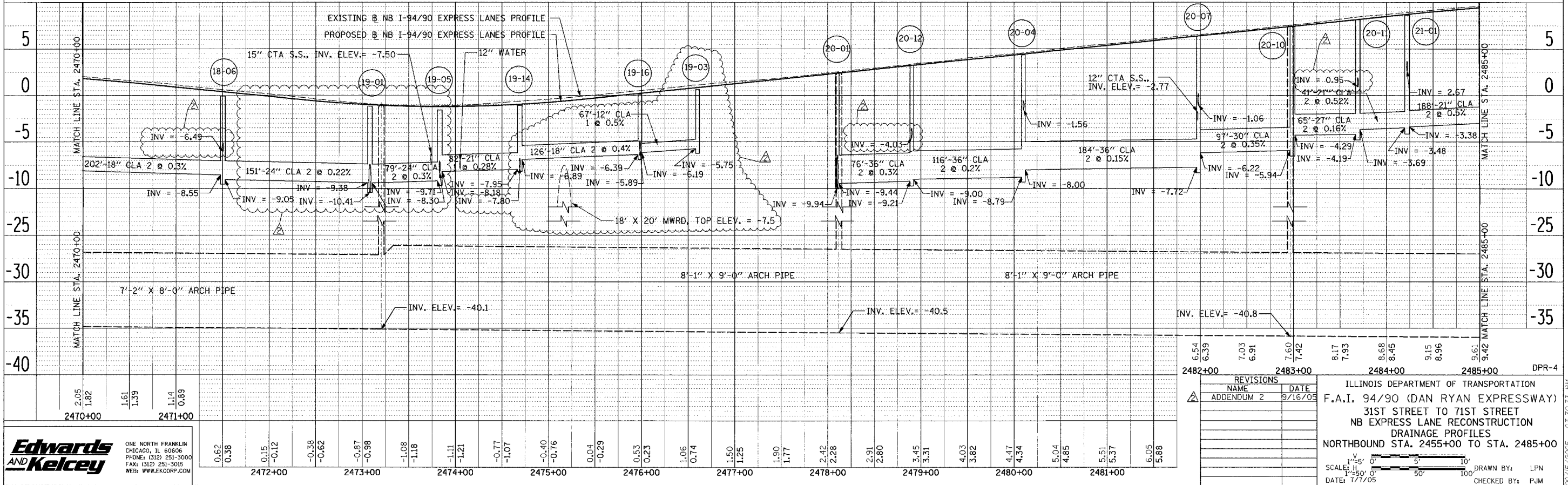
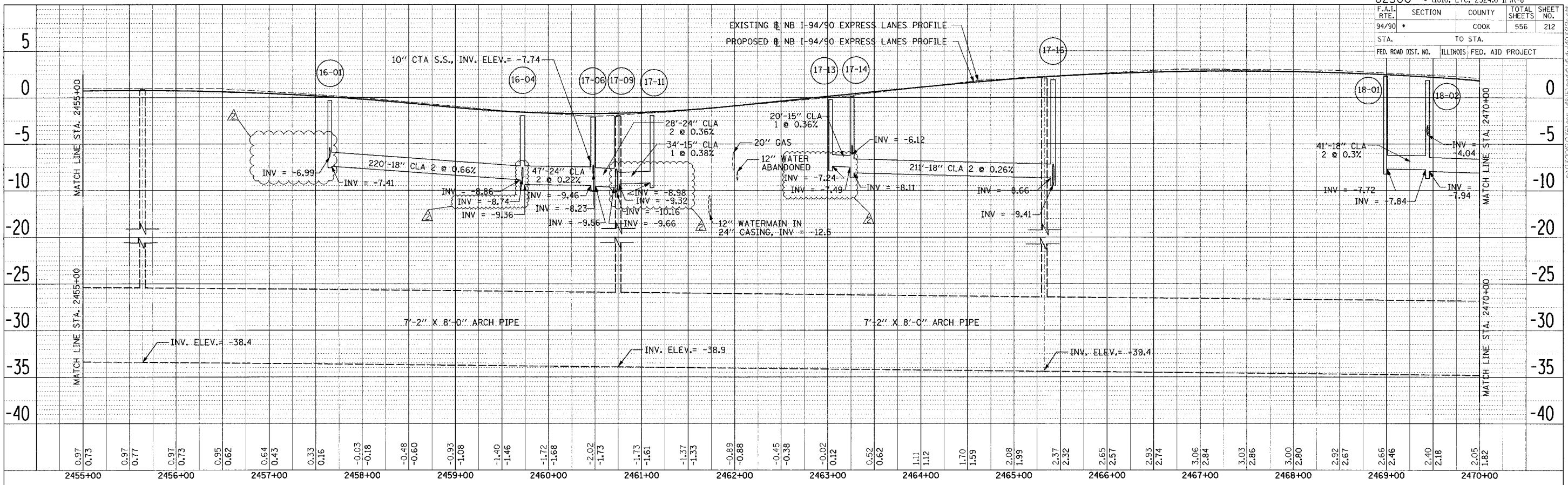
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 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

PLAN SUBMITTED: _____ DATE: _____
 PLOTTED: _____
 CHECKED: _____
 NO. OF WAY CHECKED: _____
 DATE FILE NAME: _____

PLAN SUBMITTED: _____ DATE: _____
 PLOTTED: _____
 CHECKED: _____
 NO. OF WAY CHECKED: _____
 DATE FILE NAME: _____

03/30/05 PM

03/30/05 PM



DATE: _____ BY: _____
 CHECKED: _____
 ALTERNATE CHECKED: _____
 PLOTTED: _____
 PLOTTED FILE NAME: _____
 PLOTTED NO.: _____

DATE: _____ BY: _____
 CHECKED: _____
 ALTERNATE CHECKED: _____
 PLOTTED: _____
 PLOTTED FILE NAME: _____
 PLOTTED NO.: _____

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

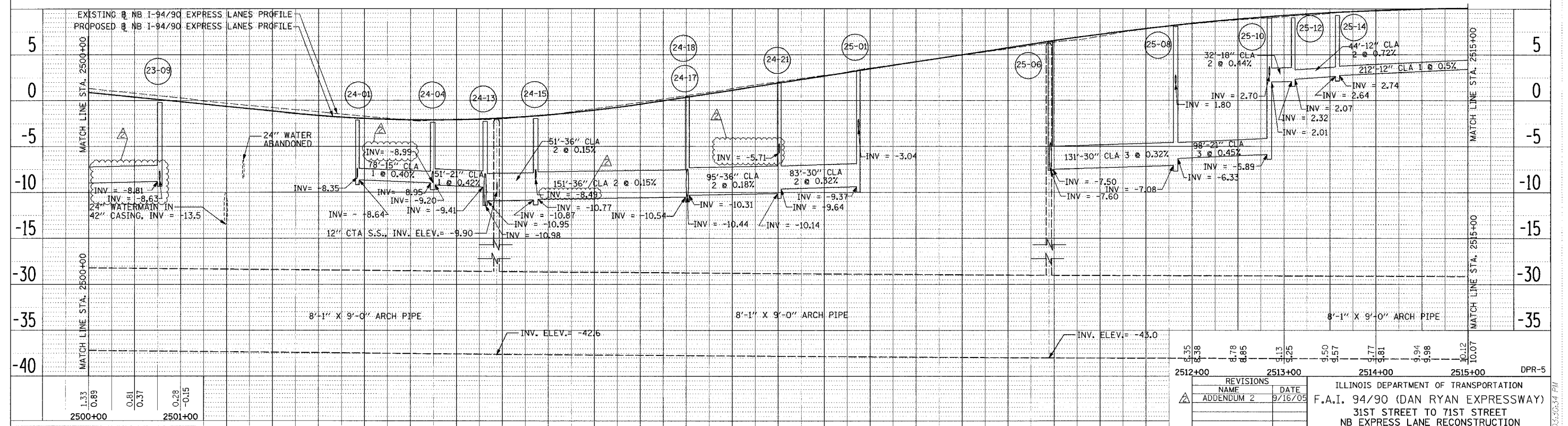
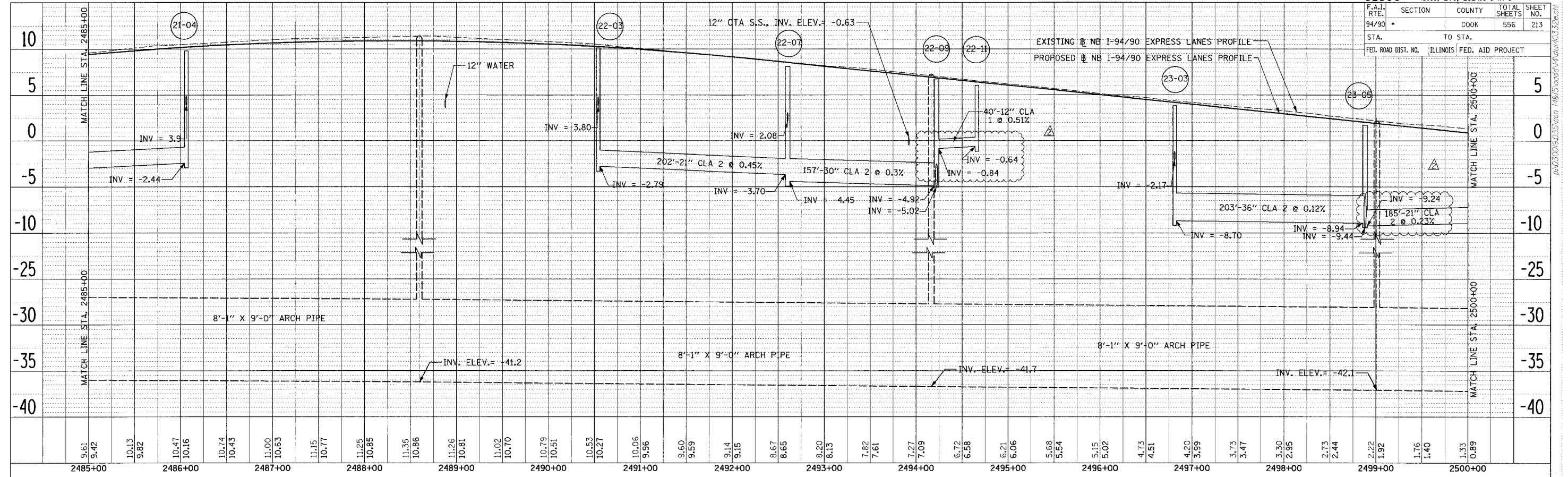
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 DRAINAGE PROFILES
 NORTHBOUND STA. 2455+00 TO STA. 2485+00

SCALE: 1" = 5' 0"
 1" = 50' 0"
 DATE: 7/7/05

DRAWN BY: LPN
 CHECKED BY: PJM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	213
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



DATE: _____
 BY: _____
 CHECKED: _____
 PLANNED: _____
 DRAWN: _____
 DATE: _____

DATE: _____
 BY: _____
 CHECKED: _____
 PLANNED: _____
 DRAWN: _____
 DATE: _____

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

2500+00	2501+00	2502+00	2503+00	2504+00	2505+00	2506+00	2507+00	2508+00	2509+00	2510+00	2511+00
1.33	0.89	-0.31	-0.67	-0.79	-1.18	-1.26	-1.65	-1.72	-1.96	-2.16	-2.10
0.81	0.37	-0.81	-0.95	-0.92	-0.94	-0.87	-1.07	-1.05	-1.04	-1.04	-1.04
0.28	-0.15	-0.99	-1.91	-1.60	-1.58	-0.91	-1.08	-0.22	-0.42	0.54	0.35
1.33	0.89	1.31	1.12	2.03	1.89	2.74	2.67	3.52	3.44	4.23	4.21
4.95	4.98	5.66	5.76	6.37	6.52	7.00	7.21	7.81	7.84		

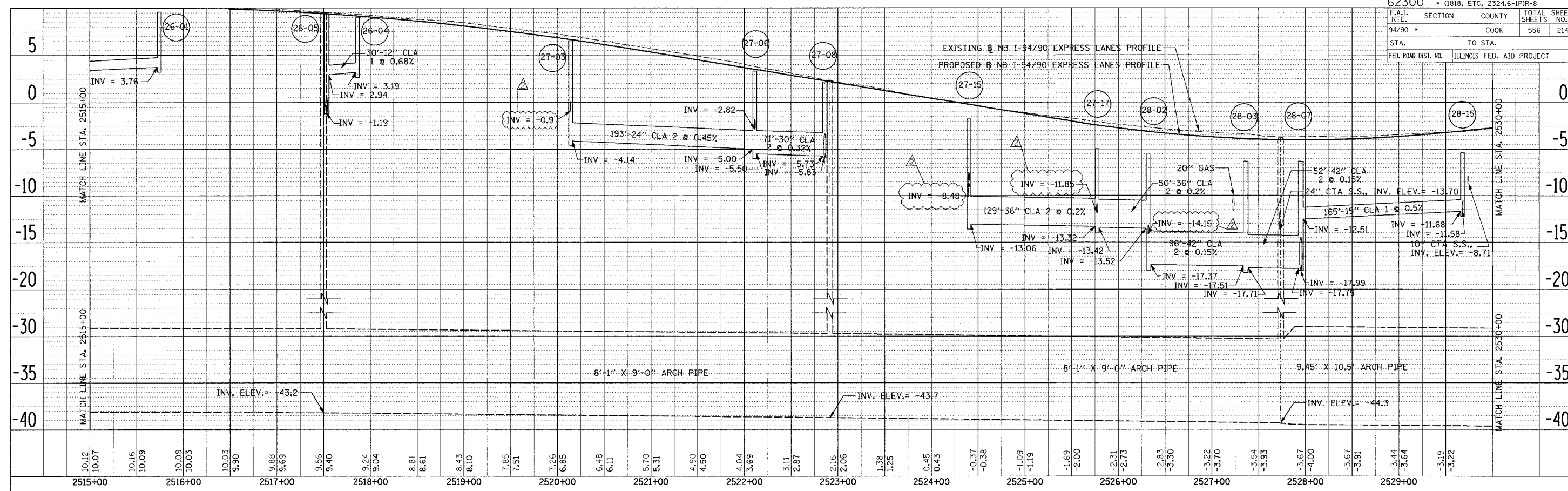
REVISIONS
 NAME: ADDENDUM 2
 DATE: 9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 DRAINAGE PROFILES
 NORTHBOUND STA. 2485+00 TO STA. 2515+00

SCALE: 1" = 5' 0"
 DATE: 7/7/05

DRAWN BY: LPN
 CHECKED BY: PJM

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PLAN SUBMITTED BY DATE
 PLotted BY
 NOTE BOOK NO.
 FILED BY
 FILED NAME

PLAN SUBMITTED BY DATE
 PLotted BY
 NOTE BOOK NO.
 FILED BY
 FILED NAME

2515+00	10.12	10.07	2516+00	10.16	10.09	2517+00	10.03	9.90	9.88	9.69	9.56	9.40	2518+00	9.24	9.04	8.81	8.61	8.43	8.10	7.85	7.51	7.26	6.85	6.48	6.11	5.70	5.31	4.90	4.50	4.04	3.69	3.11	2.87	2.16	2.06	1.38	1.25	0.45	0.43	-0.37	-0.38	-1.09	-1.19	-1.69	-2.00	-2.31	-2.73	-2.83	-3.30	-3.22	-3.70	-3.54	-3.93	-3.67	-4.00	-3.67	-3.91	-3.44	-3.64	-3.19	-3.22	2529+00
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 ONE NORTH FRANKLIN CHICAGO, IL 60606
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 FAX: (312) 251-3015
 WEB: WWW.EXCORP.COM

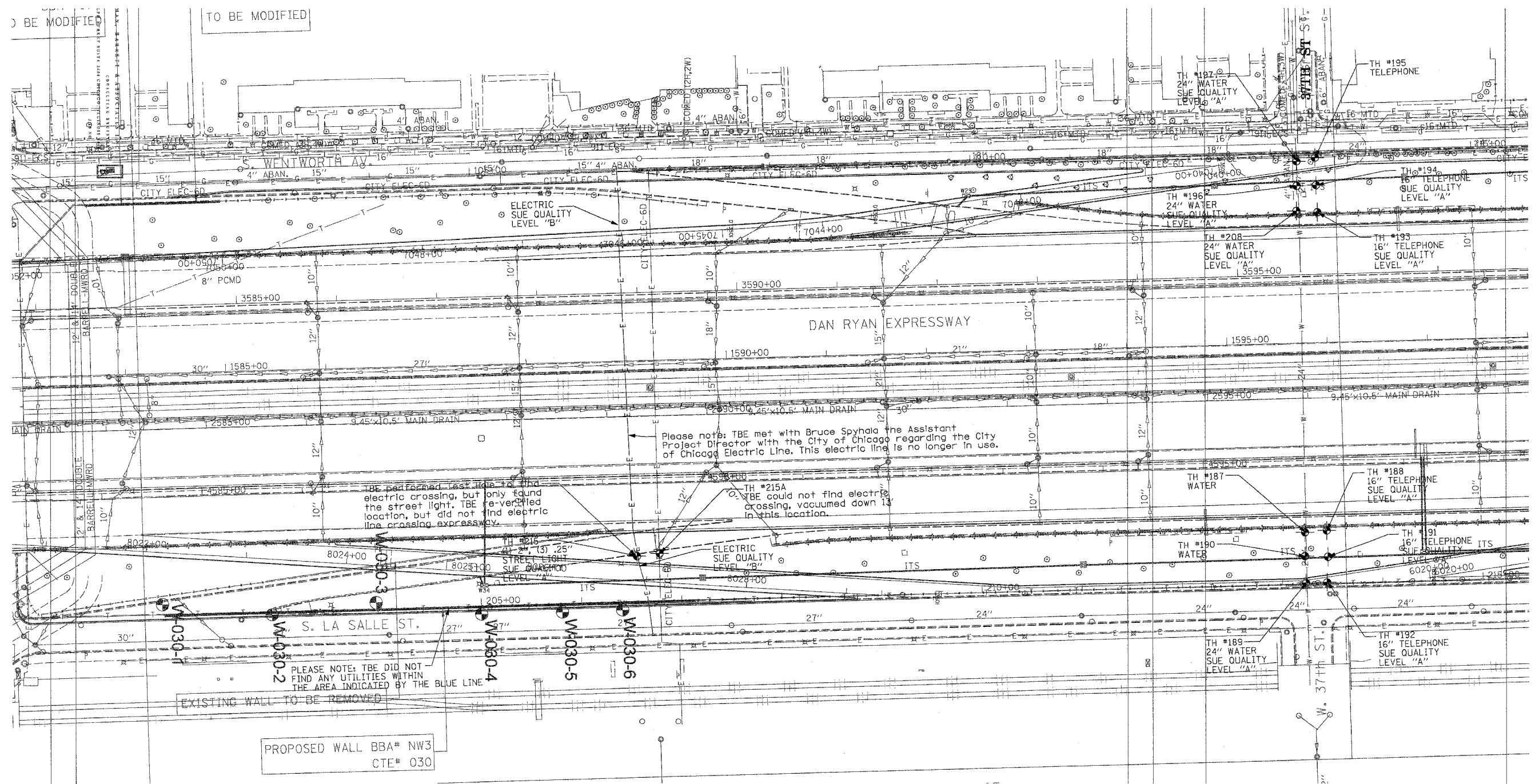
REVISIONS

NAME	DATE
ADDENDUM 2	9/16/05

DPR-6
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 DRAINAGE PROFILES
 NORTHBOUND STA. 2515+00 TO STA. 2530+00
 SCALE: 1"=50'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(1516.1, 1717 & 1819)-6	Cook	556	236A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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

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

TBE SUE PAGE NO: 33 of 36
 Checked by: *[Signature]*

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

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

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

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

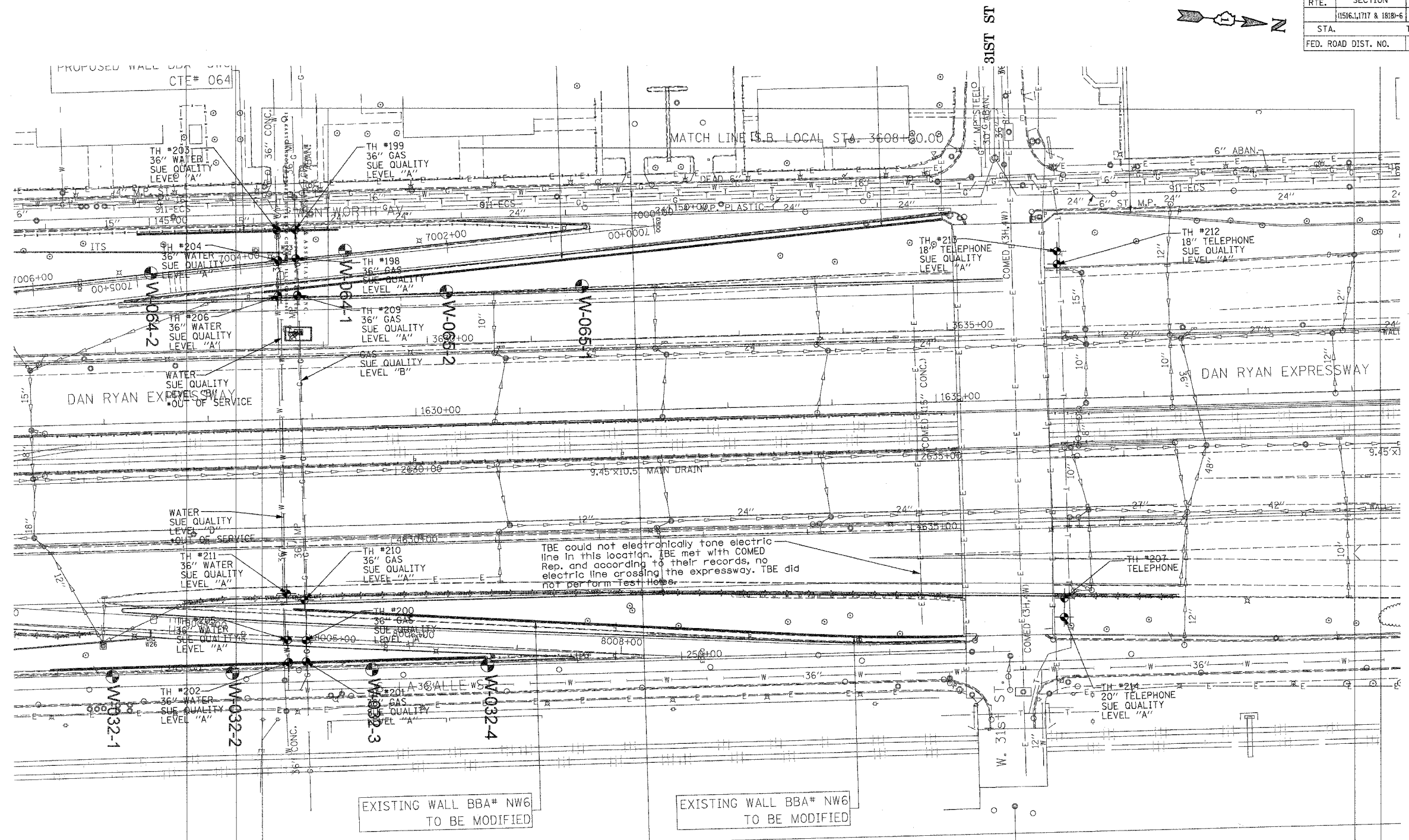
SUE Investigation of Underground Utilities
 I-90/I-94 Dan Ryan Expressway from I-57 to 69th Street
 Contract Number: 62590, 62592, 62594

SQL "A" DATE : 4/27/04 DRAWN BY : KLC
 SQL "B" DATE : 7/22/04 SCALE : 1" = 50'

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

Added sheet 9/16/05

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11516, 1717 & 1818-E	Cook	556	239
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



TBE could not electronically tone electric line in this location. TBE met with COMED Rep. and according to their records, no electric line crossing the expressway. TBE did not perform test holes.

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

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



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

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

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

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

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

REVISIONS	
NAME	DATE

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

Revised 9/16/05
 Sheet

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
165	24" G	1858583.099	1177452.100	148.05 RT	-2.91'	6.08'	3.18'	SUE QUALITY LEVEL "A"
166	24" G	1858582.607	1177422.881	118.82 RT	-7.96'	11.04'	3.08'	SUE QUALITY LEVEL "A"
167	24" G	1858581.829	1177388.290	84.23 RT	-11.42'	5.64'	-5.78'	SUE QUALITY LEVEL "A"
168	— G	1858576.435	1177169.958	73.59 LT	-14.41'	7.92'	-6.49'	SEE NOTE
169A	— G	1858575.515	1177148.755	94.81 LT	-8.73'	5.63'	-3.10'	SEE NOTE
169B	8" —	1858574.341	1177148.755	94.81 LT	-7.34'	4.24'	-3.10'	SUE QUALITY LEVEL "A"
170	24" G	1858574.341	1177125.527	118.07 LT	1.84'	4.35'	6.19'	SUE QUALITY LEVEL "A"
171	24" G	1858573.831	1177107.217	136.38 LT	5.50'	5.82'	11.32'	SUE QUALITY LEVEL "A"
172	36" E	1859349.450	1177086.590	133.62 LT	-2.77'	10.34'	7.57'	SUE QUALITY LEVEL "A"
173	36" E	1859349.210	1177115.830	104.39 LT	-5.89'	4.92'	-0.97'	SUE QUALITY LEVEL "A"
174	— BT	1859189.980	1177120.790	104.24 LT	-13.77'	12.58'	-1.19'	SUE QUALITY LEVEL "A"
175	— BT	1859187.890	1177093.060	132.02 LT	SEE NOTE	9.12'	4.53'	CLEARANCE ONLY
176	36" E	1859357.690	1177382.160	100.06 RT	-11.29'	4.45'	-6.84'	SUE QUALITY LEVEL "A"
177	— E	1859358.400	1177405.990	123.90 RT	-10.32'	10.06'	-0.26'	SUE QUALITY LEVEL "A"
178	— T	1859198.040	1177390.570	103.95 RT	-21.35'	12.85'	-8.50'	SUE QUALITY LEVEL "A"
179	— E	1859345.500	1177059.620	160.69 LT	SEE NOTE	15.15'	16.93'	CLEARANCE ONLY
180	36" G	1851291.10	1177413.23	80.62 LT	-9.95'	6.63'	-3.32'	SUE QUALITY LEVEL "A"
181	36" G	1851290.85	1177418.67	75.19 LT	-9.70'	6.38'	-3.32'	SUE QUALITY LEVEL "A"
182	36" G	1851297.11	1177630.28	136.52 RT	-8.83'	5.89'	-2.94'	SUE QUALITY LEVEL "A"
MAN HOLE #								
183	24" G	1851285.94	1177708.75	45.04 RT	4.76'	4.16'	8.92'	Elev. taken from RIM of MH.
184	12" G	1851278.82	1177708.69	44.77 RT	4.39'	4.52'	8.91'	Elev. taken from RIM of MH.
TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
185	72" BT	1877424.23	1176032.38	61.60 LT	-3.79'	2.70'	-1.09'	SUE QUALITY LEVEL "A"
186	66" BT	1877416.11	1175712.30	66.43 RT	-8.51'	5.85'	-2.66'	SEE NOTE

NOTES

- TH #168 Unable to see gas due to ground water.
- TH #169A Unable to see gas due to back fill continually caving in.
- TH #174 We were unable to determine size due to ground water in the hole.
- TH #175 Attempt was made to expose phone duct but were unsuccessful due to extreme heavy compacted clay, we were only able to reach 9.12'
- TH #179 Attempt was made to find electric duct. Went down 15.15' & 2.5' radius of Reference Point.
- TH #186 Unable to expose due to mud and ground water, felt top and sides.
- TH #187 Unable to expose due to wet sand collapsing in hole..
- TH #189 - Offset is taken from N. bound Dan Ryan fence line..
- TH #190 - Unable to expose due to soil collapsing in hole
- TH #192 - Telephone was buried/trenched underneath a slab of concrete with rough edges; width was 48"
- TH #195 - Unable to expose due to deep roots in hole
- TH #200 - Felt both sides of gas line but unable to cover completely for picture, doing so would leave a void in soil because of angle of ground level. Back fill kept falling from uphill.
- TH #204 - Found the utilities for the street lights at about 2' deep. Offset pulled from CL of Dan Ryan on ramp.
- TH #207 - Could not expose due to collapsing sand. Had a good feel with the air lance. Offset taken from CL of exit ramp
- TH #215A - TBE could not find electric crossing, vacumed down 13'.

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
187	— W	1880442.920	1175949.580	65.37' RT	3.59'	8.43'	12.02'	SEE NOTE
188	16" BT	1880464.590	1175947.690	64.06' RT	6.63'	5.31'	11.94'	SUE QUALITY LEVEL "A"
189	24" W	1880443.800	1175999.780	115.57' RT	7.85'	7.83'	15.68'	SUE QUALITY LEVEL "A"
190	— W	1880442.870	1175973.130	88.91' RT	3.81'	10.10'	13.91'	SEE NOTE
191	16" BT	1880465.830	1175973.580	89.98' RT	9.59'	4.42'	14.01'	SUE QUALITY LEVEL "A"
192	16" BT	1880464.890	1175999.080	115.44' RT	10.21'	5.35'	15.56'	SUE QUALITY LEVEL "A"
193	16" BT	1880456.000	1175630.210	61.54' LT	5.65'	8.94'	11.59'	SUE QUALITY LEVEL "A"
194	16" BT	1880454.690	1175603.520	88.25' LT	5.44'	8.66'	14.10'	SUE QUALITY LEVEL "A"
195	— BT	1880453.540	1175575.610	116.18' LT	4.75'	12.13'	16.88'	SEE NOTE
196	24" W	1880435.180	1175604.240	88.06' LT	6.76'	7.24'	14.00'	SUE QUALITY LEVEL "A"
197	24" W	1880435.160	1175579.320	112.97' LT	11.06'	5.48'	16.54'	SUE QUALITY LEVEL "A"
198	36" G	1883748.370	1175516.740	86.01' LT	1.10'	7.08'	8.18'	SUE QUALITY LEVEL "A"
199	36" G	1883747.800	1175488.980	113.78' LT	6.36'	8.62'	14.98'	SUE QUALITY LEVEL "A"
200	36" G	1883758.000	1175883.780	89.15' RT	-1.07'	5.96'	4.89'	SUE QUALITY LEVEL "A"
201	36" G	1883758.190	1175903.970	109.34' RT	4.06'	6.58'	10.64'	SUE QUALITY LEVEL "A"
202	36" W	1883741.550	1175904.750	109.67' RT	4.82'	5.74'	10.56'	SUE QUALITY LEVEL "A"
203	36" W	1883730.260	1175489.640	113.59' LT	8.72'	6.25'	14.97'	SUE QUALITY LEVEL "A"
204	36" W	1883731.680	1175518.680	84.53' LT	1.69'	5.90'	7.59'	SUE QUALITY LEVEL "A"
205	36" W	1883740.460	1175883.620	88.52' RT	-3.96'	8.26'	4.30'	SUE QUALITY LEVEL "A"
206	36" W	1883731.390	1175553.040	50.19' LT	-5.51'	6.13'	0.62'	SUE QUALITY LEVEL "A"
207	— BT	1884487.410	1175842.900	67.99' RT	-6.61'	2.98'	-3.63'	SEE NOTE
208	24" W	1880435.060	1175628.960	63.35' LT	3.08'	8.72'	11.80'	SUE QUALITY LEVEL "A"
209	36" G	1883749.960	1175552.500	50.22' LT	-5.24'	5.99'	0.75'	SUE QUALITY LEVEL "A"
210	36" G	1883756.720	1175845.280	50.63' RT	-6.85'	8.42'	1.566'	SUE QUALITY LEVEL "A"
211	36" W	1883739.550	1175839.290	44.18' RT	-5.25'	5.86'	0.606'	SUE QUALITY LEVEL "A"
212	18" BT	1884480.420	1175521.840	61.14' LT	-7.58'	4.95'	-2.634'	SUE QUALITY LEVEL "A"
213	18" BT	1884480.320	1175509.110	73.87' LT	-3.89'	4.91'	1.019'	SUE QUALITY LEVEL "A"
214	20" BT	1884487.060	1175860.740	85.82' RT	-0.82'	3.19'	2.370'	SUE QUALITY LEVEL "A"
215	(1)2" (3).25" SL	1879776.080	1175973.630	71.39' RT	2.91'	4.08'	6.995'	SUE QUALITY LEVEL "A"
215A	SEE NOTE	1879798.750	1175970.990	69.36' RT	SEE NOTE	13.00'	7.040'	SEE NOTE

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.

Revised sheet 9/14/05

Illinois Department of Transportation
 I-90 /94 (NB & SB of Dan Ryan Expressway)
 Chicago-Cook County
 Sec No: (2122-921 PT1) R, (2021-922 PTL2)
 Contract No. 62584, 62585, 62586, 62589, 62693, 62694, 62695
 TBE Project No.: IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232, 238

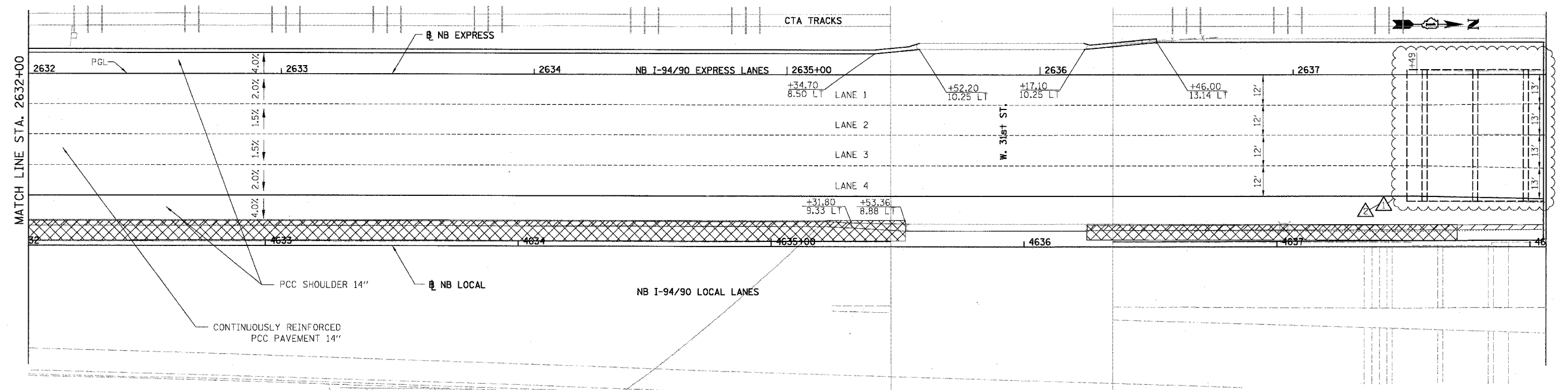
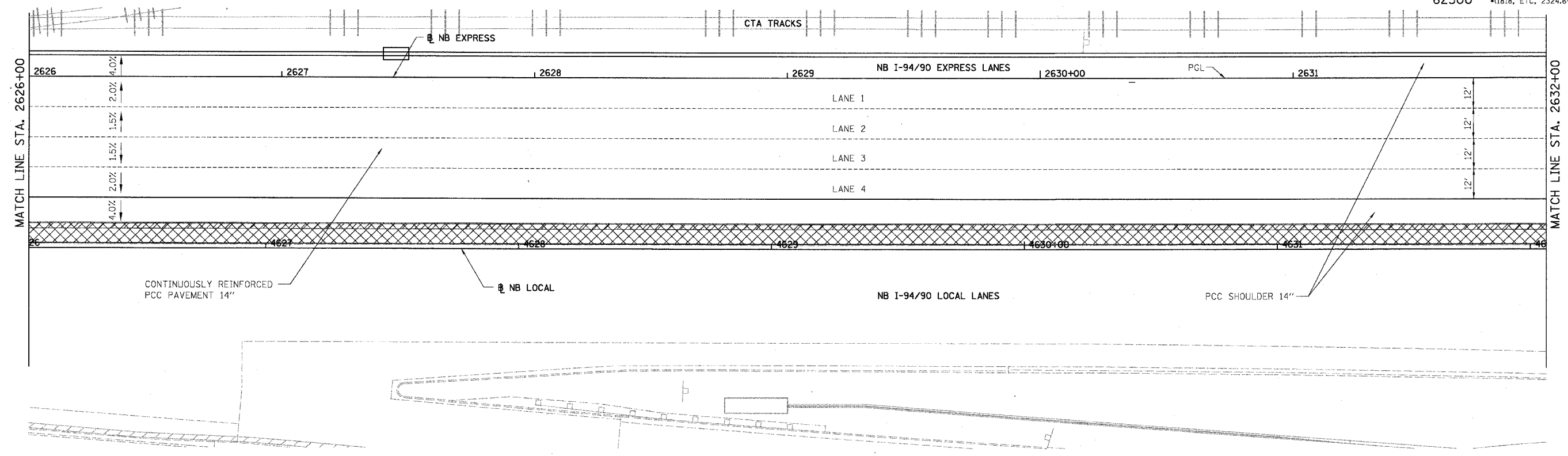
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9/14/05	SAT	GAJAC												



VERIFIED UTILITY LOCATIONS

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, 2324.6-1PIR-8		



- 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
 - XXXXX TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 PAVEMENT JOINTING AND ELEVATION PLAN
 NORTHBOUND STA. 2626+00 TO STA. 2637+99

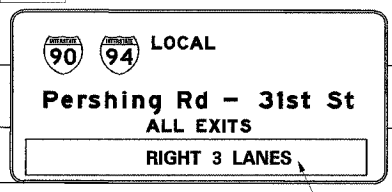
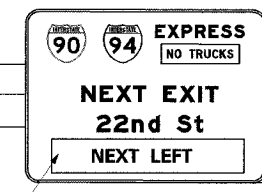
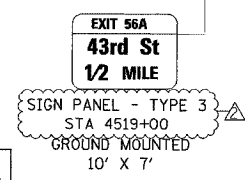
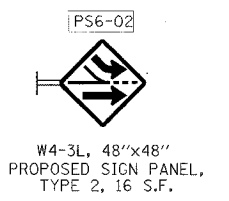
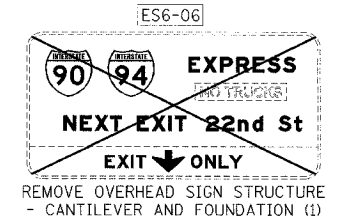
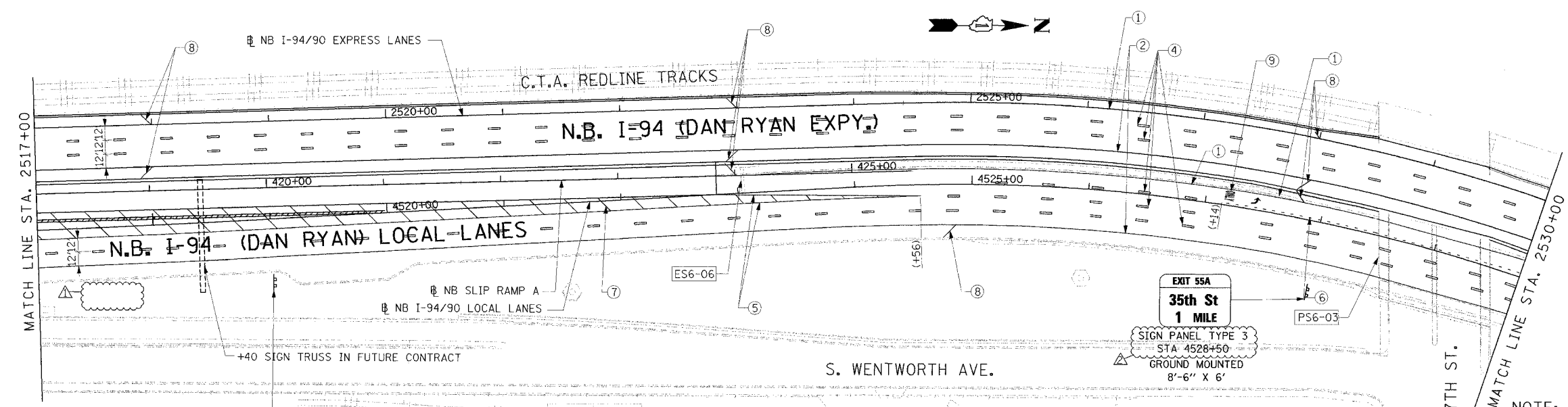
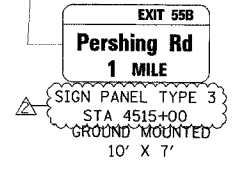
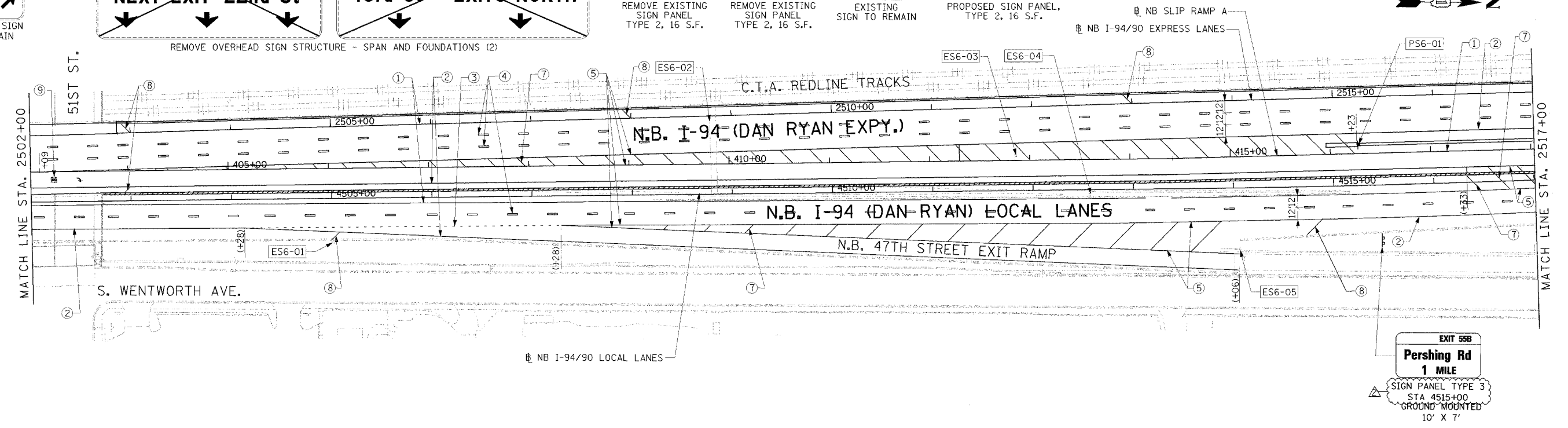
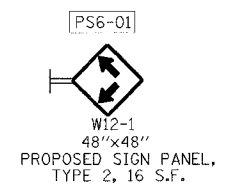
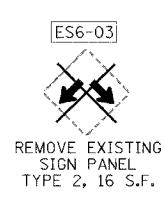
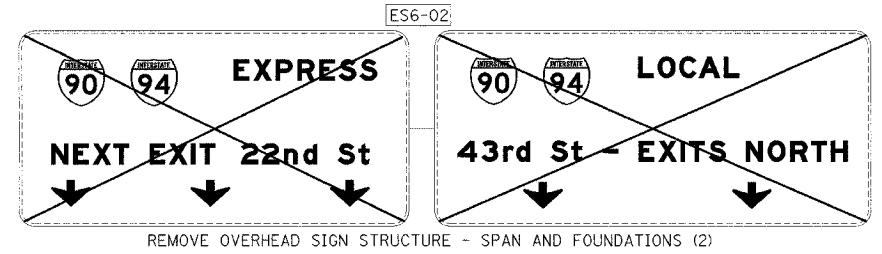
SCALE: 1"=20'
 DATE: 07/07/05

DRAWN BY: TER
 CHECKED BY: JDC

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

JT-23
 9/14/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	272
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
62300		(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, 50' C-C)
 - ⑨ LETTERS AND SYMBOLS

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

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

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

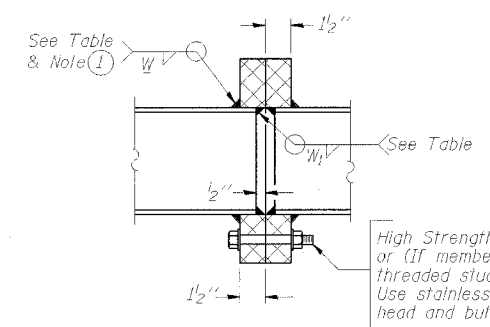
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 NB EXPRESS LANE RECONSTRUCTION
 PROPOSED PAVEMENT MARKING
 AND SIGNING PLAN
 NORTHBOUND STA. 2502+00 TO STA. 2530+00
 SCALE: 1"=50'
 DATE: 7/1/05
 DRAWN BY: TAI
 CHECKED BY: PJM

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

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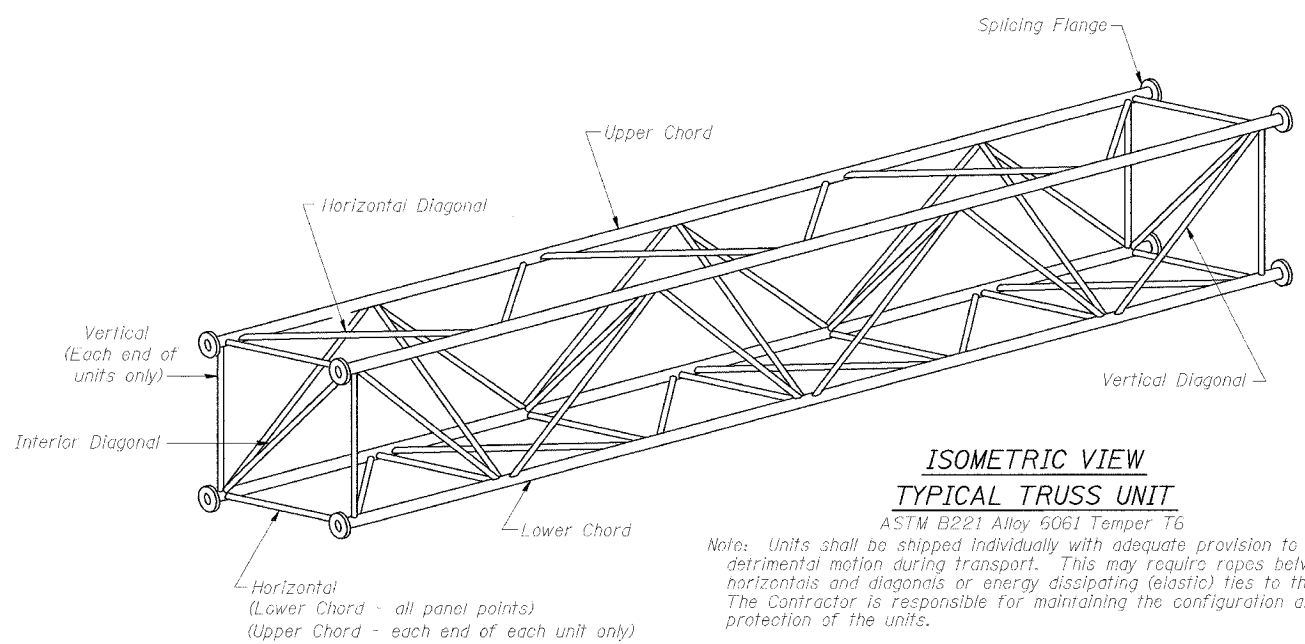
TRUSS UNIT TABLE

Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit				Upper & Lower Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals		Camber at Midspan	Splicing Flange					
			No. Panels per Unit	Unit Lgth.(L _e)	Panel Lgth.(P)	No. Req'd.	No. Panels per Unit	Unit Lgth.(L _i)	Panel Lgth.(P)	O.D.	Wall	O.D.	Wall		Bolts		Weld Sizes		A	B
															No./Splice	Dia.	W	W ₁		
ISO161094R055.41	4598+65	III-A	7	35'-8 1/2"	4'-10"	-	-	-	-	7"	5/16"	3 1/4"	5/16"	1.73"	6	1"	7/16"	5/16"	11 1/2"	15"
ISO161094L058.4	2442+20	I-A	7	36'-10 1/2"	5'-0"	-	-	-	-	5"	5/16"	2 1/2"	5/16"	1.75"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"



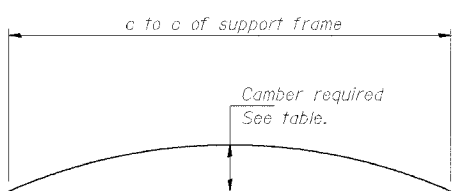
SECTION B-B

(1) Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining welds are made after disassembly. Adjacent flanges shall be "match marked" to insure proper field assembly.



ISOMETRIC VIEW TYPICAL TRUSS UNIT

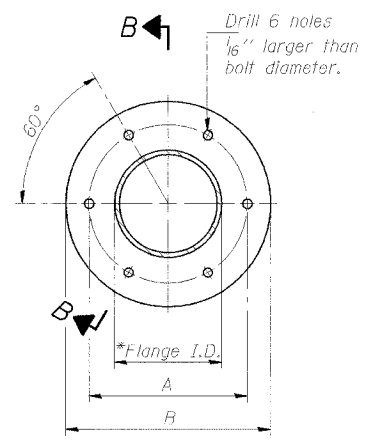
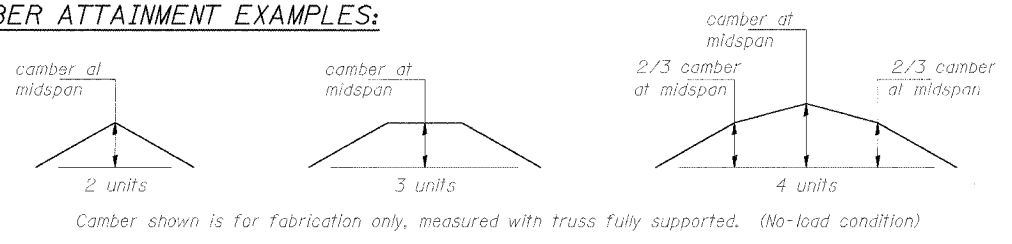
ASTM B221 Alloy 6061 Temper T6
 Note: Units shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The Contractor is responsible for maintaining the configuration and protection of the units.



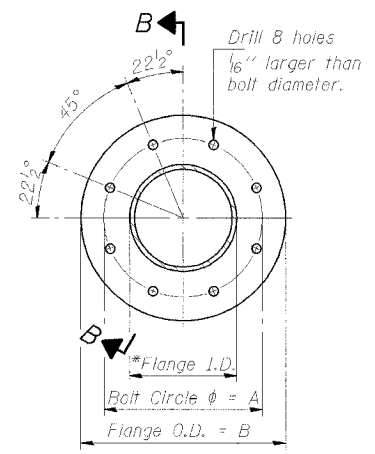
CAMBER DIAGRAM

Camber curve shown is theoretical. Actual camber attained by slope changes at splices between units.

CAMBER ATTAINMENT EXAMPLES:



TRUSS TYPES I-A, II-A, & III-A



TRUSS TYPES II-A & III-A

SPLICING FLANGES

ASTM B221, Alloy 6061-T6
 or ASTM B209, Alloy 6061-T651
 *To fit O.D. of Chord with maximum gap of 1/16".

NUMBER	REVISION	DATE
2	ADDENDUM 2	9/16/05

DESIGNED - MSA	20
CHECKED - AS	EXAMINED
DRAWN - MD	ENGINEER OF STRUCTURAL SERVICES
CHECKED - MSA	PASSED
	ENGINEER OF GEODESICS AND STRUCTURES

OS4-A-2 11/2/2002

SGN-12

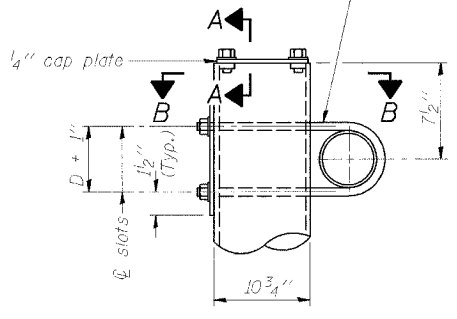
OVERHEAD SIGN STRUCTURES
 ALUMINUM TRUSS DETAILS
 FOR TRUSS TYPES I-A, II-A and III-A

ILLINOIS DEPARTMENT OF TRANSPORTATION

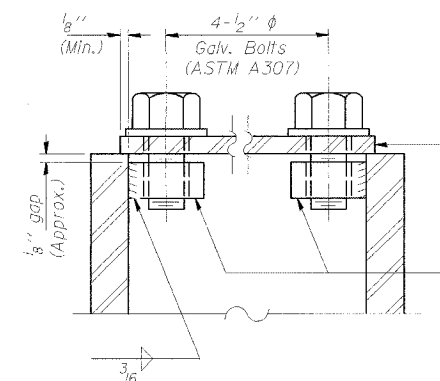
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31st STREET TO 71st STREET
 NB EXPRESS LANE RECONSTRUCTION
 OVERHEAD SIGN STRUCTURES

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3/4" φ stainless steel U-bolt.
Provide two washers and two hexagon locknuts. (4)
1 3/16" x 2" slots on 10" φ pipe.
(4 slots required per pipe)

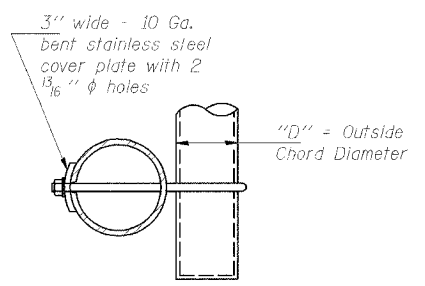


DETAIL A

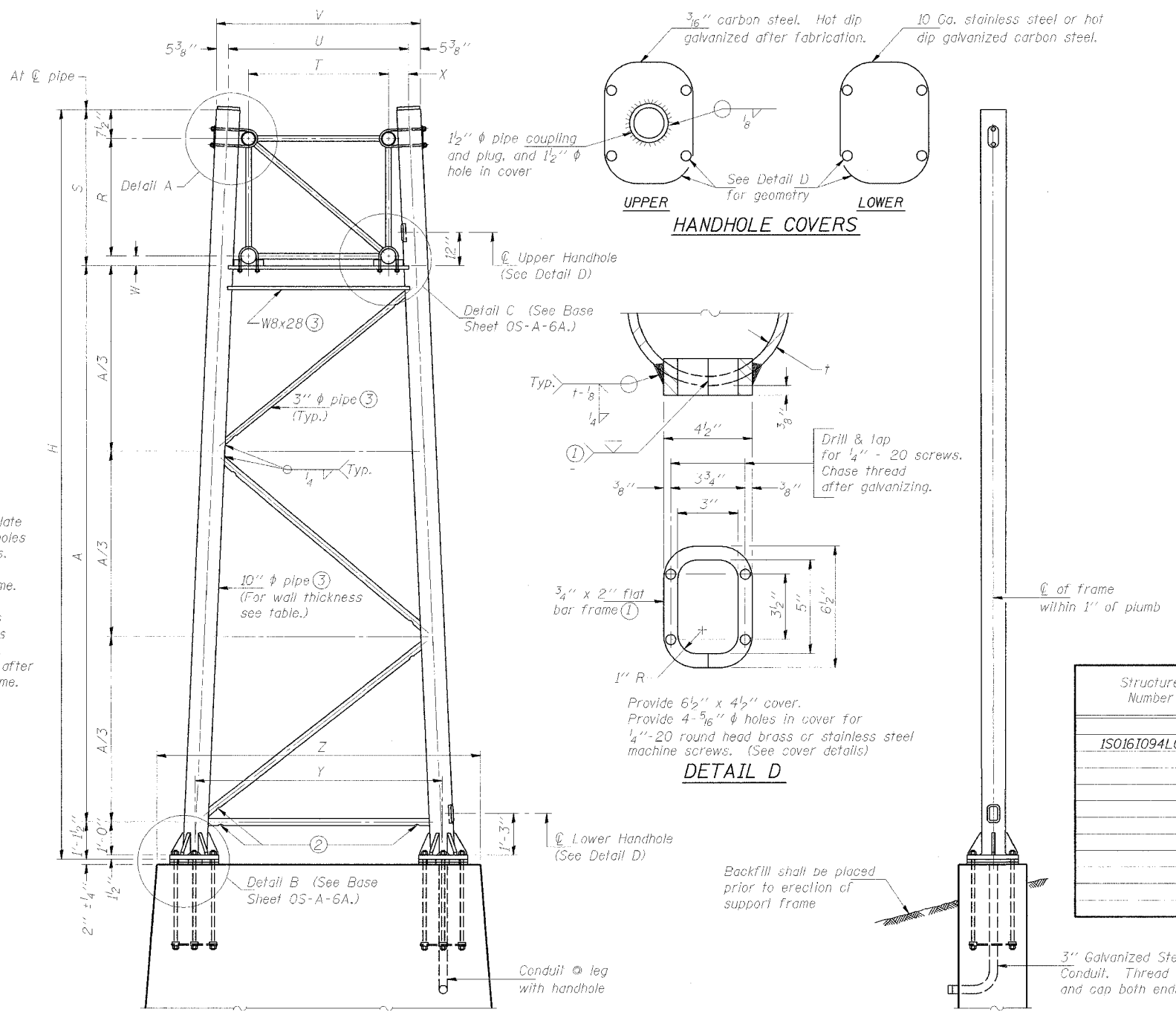


SECTION A-A

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



SECTION B-B

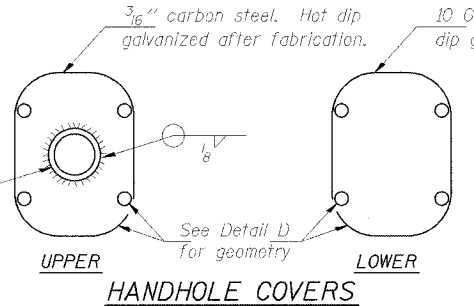


FOR FOUNDATION DETAILS SEE BASE SHEET OS-F3 (Spread Footing) or OS4-F3 (Drilled Shaft).

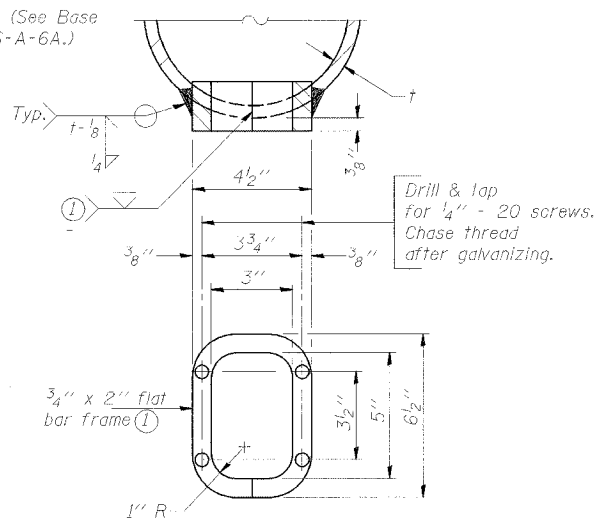
SIDE ELEVATION

10" φ PIPE TRUSS SUPPORT FRAME

END ELEVATION



HANDHOLE COVERS



DETAIL D

Provide 6 1/2" x 4 1/2" cover. Provide 4-5/16" φ holes in cover for 1/4"-20 round head brass or stainless steel machine screws. (See cover details)

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) 50% 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 500-3 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		Truss Type	Pipe Wall Thickness	H	A
		Left	Right				
ISO161094L058.4	2442+20	X		I-A	.365"	25.31	18.72
			X	I-A	.365"	26.83	19.50

DESIGNED - RLK	20
CHECKED - TAI	EXAMINED
DRAWN -	PASSED
CHECKED - PJM	

NUMBER	REVISION	DATE
1	ADDENDUM 1	8/12/05
2	ADDENDUM 2	9/16/05

Truss Type	Dimensions									
	R	S	T	U	V	W	X	Y	Z	
IA	4'-6"	5'-5 1/2"	4'-0"	5'-6"	6'-4 3/4"	4"	9"	8'-3"	10'-9"	
IIA (5)	5'-3"	6'-3 1/4"	4'-6"	6'-1"	6'-11 3/4"	4 3/4"	9 1/2"	8'-3"	10'-9"	

SGN-13A

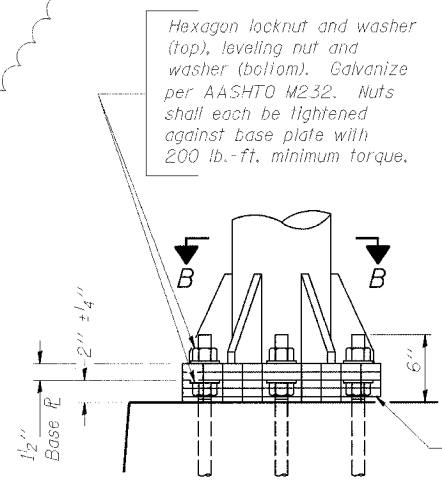
OVERHEAD SIGN STRUCTURES
SUPPORT FRAME for ALUMINUM TRUSS

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94/90 (DAN RYAN EXPRESSWAY)

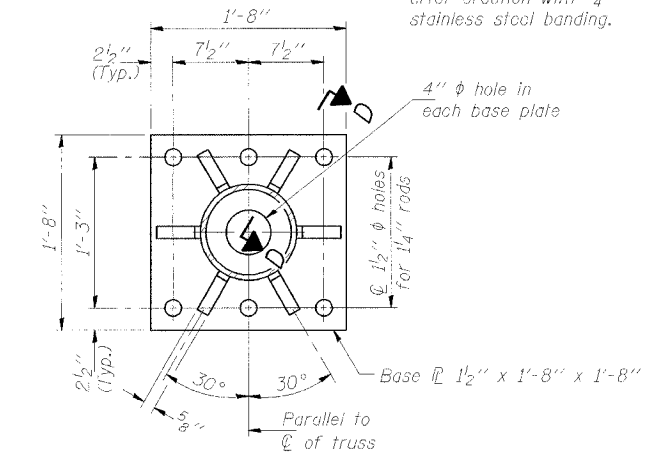
31st STREET TO 71st STREET
NB EXPRESS LANE RECONSTRUCTION
OVERHEAD SIGN STRUCTURES

08/14/2005 09:00 PM

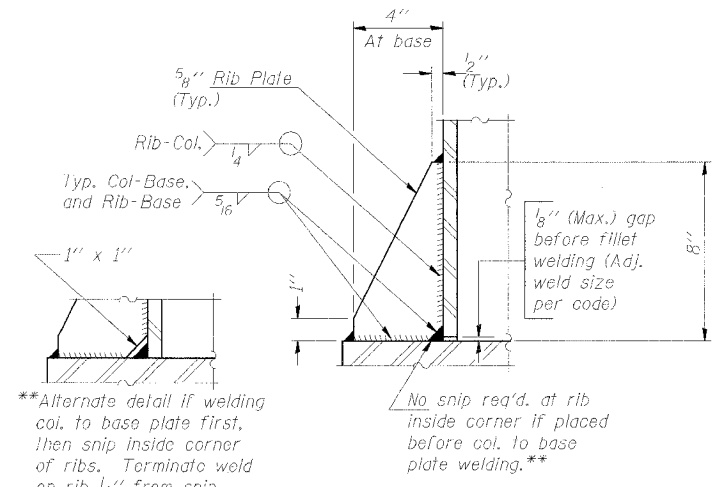


DETAIL B

Ribs shall be cut to fit slope of pipe.



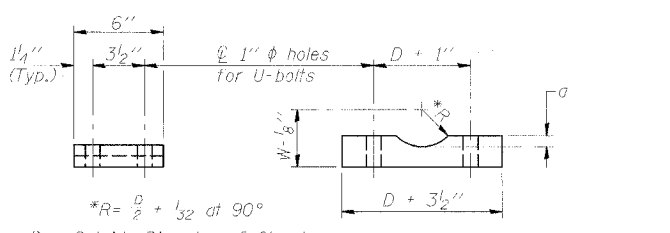
SECTION B-B



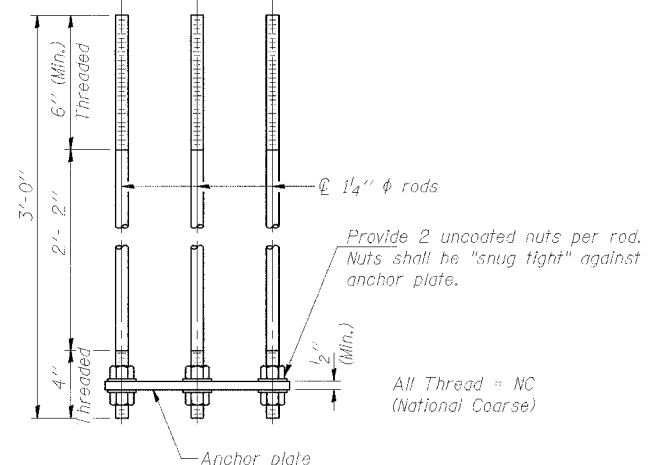
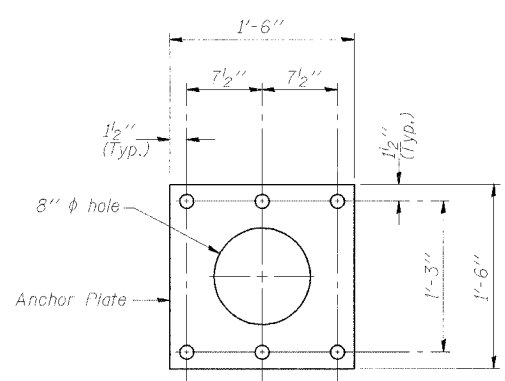
SECTION D-D

**Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.

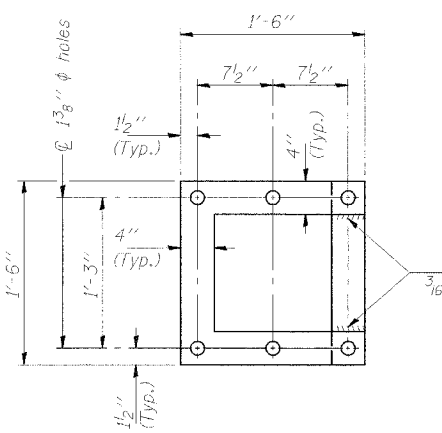
No snip req'd. at rib inside corner if placed before col. to base plate welding.**



Truss Chord Nominal Dia.	a
5"	3/4"
5 1/2"	13/16"
6"	7/8"
6 1/2"	15/16"
7"	1"

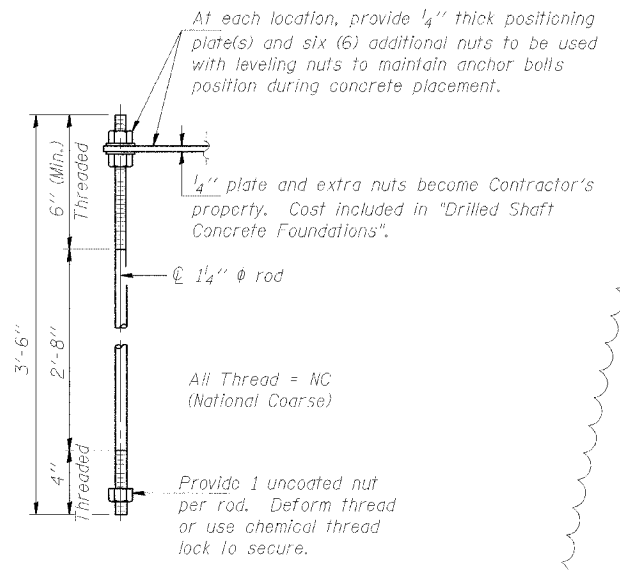


ANCHOR ROD DETAIL
Spread Footing Foundation



POSITIONING PLATE(S)

Optionally may use four (4) separate bars. Weld to maintain perpendicularity.



ANCHOR ROD DETAIL
Drilled Shaft Foundation

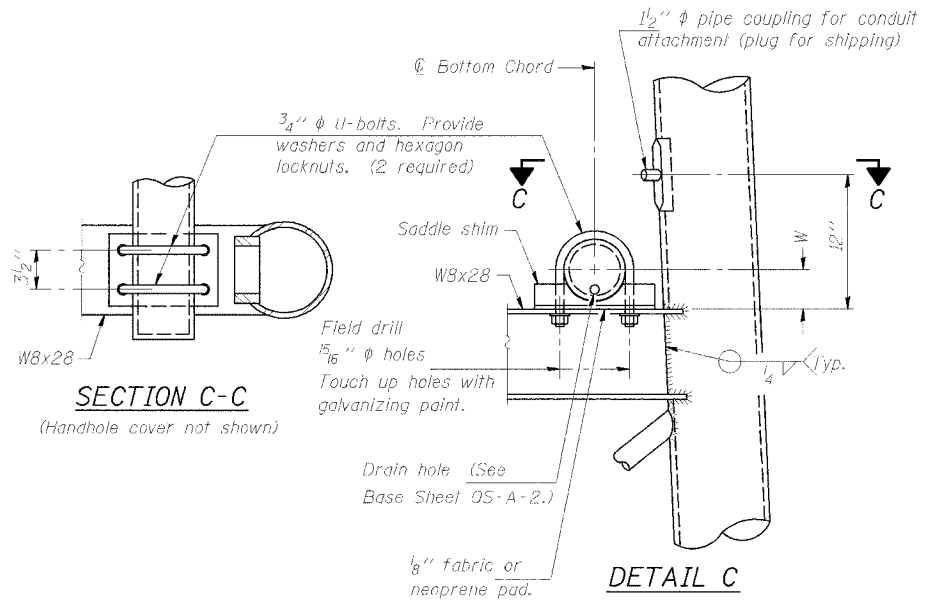
Anchor rods shall conform to AASHTO M314 Grade 36 or 50 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. Galvanize upper 12" per AASHTO M232. No welding shall be permitted on rods.

10" ϕ PIPE SUPPORT FRAME DETAILS

NUMBER	REVISION	DATE
1	ADDENDUM 1	8/12/05
2	ADDENDUM 2	9/16/05

DESIGNED - RLK
CHECKED - JAI
DRAWN -
CHECKED - PJM

EXAMINED
PASSED
ENGINEER OF STRUCTURAL SERVICES
ENGINEER OF BRIDGES AND STRUCTURES



SECTION C-C

DETAIL C

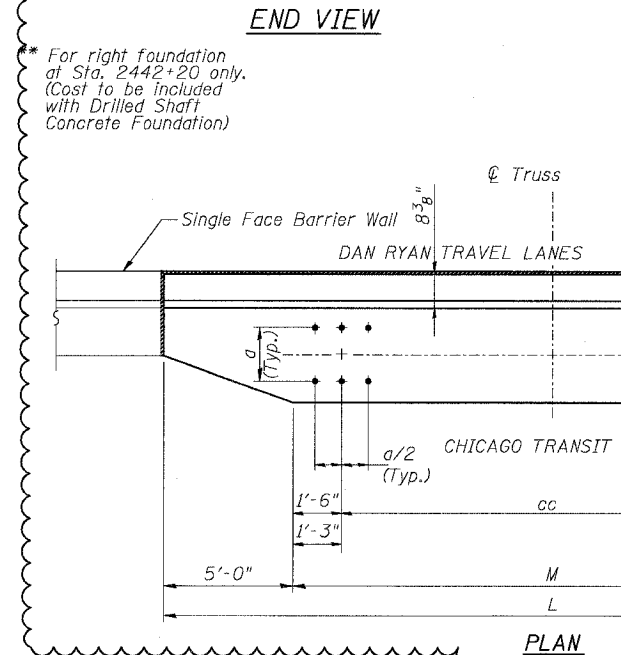
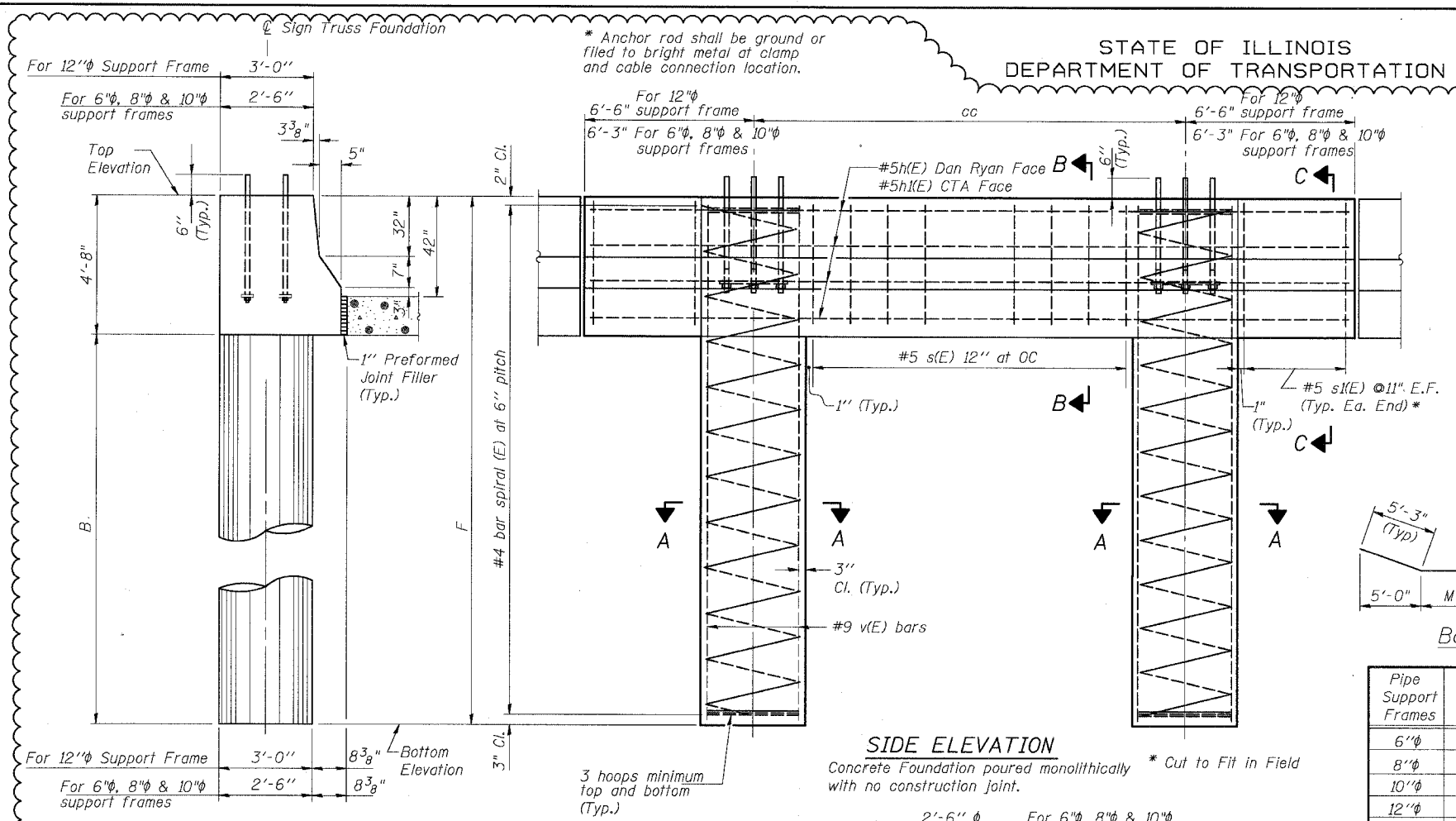
SGN-13B

OVERHEAD SIGN STRUCTURES
SUPPORT FRAME DETAILS 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

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	* (I18, ETC, 2324.6-IPJR-8)				



DESIGNED	20
CHECKED	
DRAWN	
CHECKED	

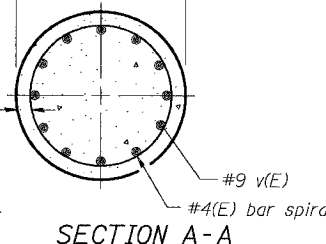
EXAMINED	ENGINEER OF STRUCTURAL SERVICES
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

MODIFIED FROM OS4-MED

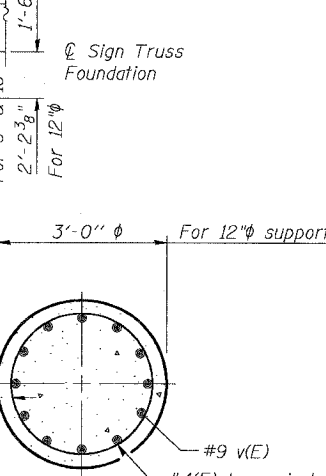
SIDE ELEVATION

Concrete Foundation poured monolithically with no construction joint.

SECTION A-A



SECTION A-A



SECTION A-A

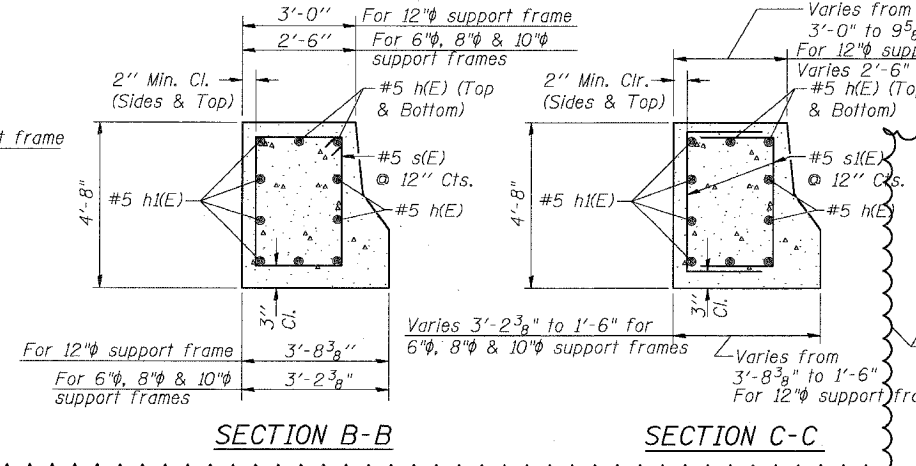
Pipe Support Frame	Structure Number	Station	Left Foundation		Right Foundation		Class SI Concrete (Cu. Yds.)
			Elevation Top	Elevation Bottom	Elevation Top	Elevation Bottom	
12"	ISO161094L055.41	4598+65	14.83	-7.84	18.0'	22.67'	14.7
10"	ISO161094L058.4	2442+20	5.97	-13.28	14.58'	19.25'	12.0

BAR LIST - EACH FOUNDATION

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" or 13'-6"	□
s(E)	24	#5	Varies	□
v(E)	24	#9	F less 0'-5"	—
v(E)	16	#19	F less 0'-5"	—

#4(E) bar spiral - see Side Elevation

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"



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

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 location and orientation of the conduit.

RIGHT FOUNDATION USES DOUBLE FACE MEDIAN SUPPORT

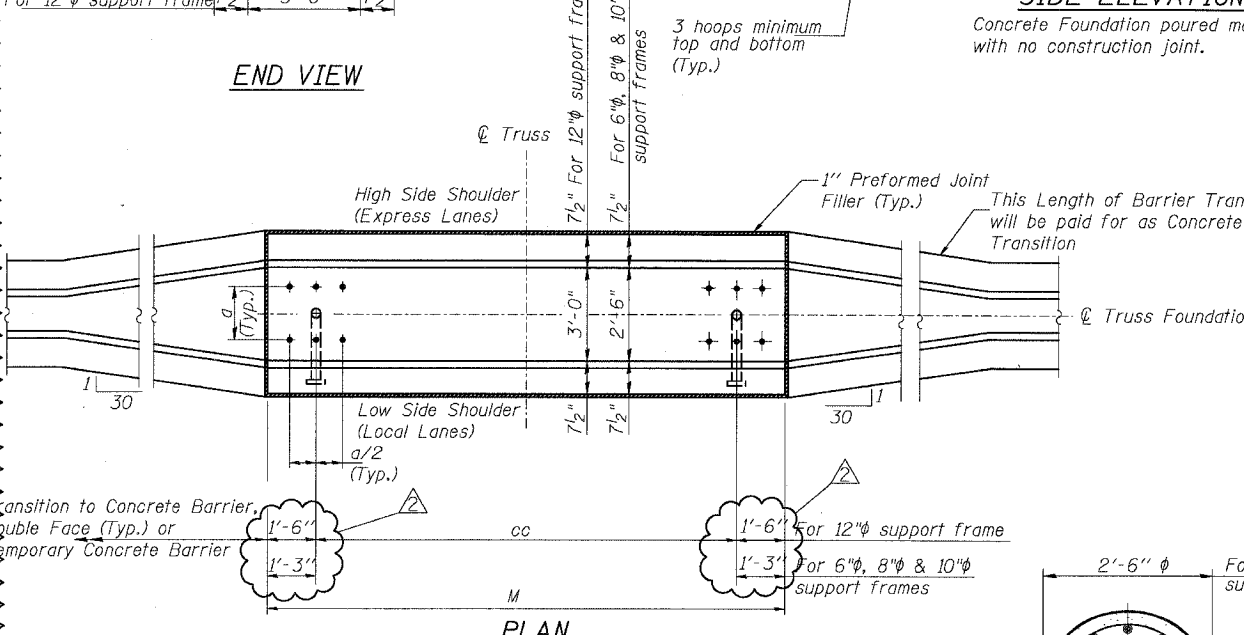
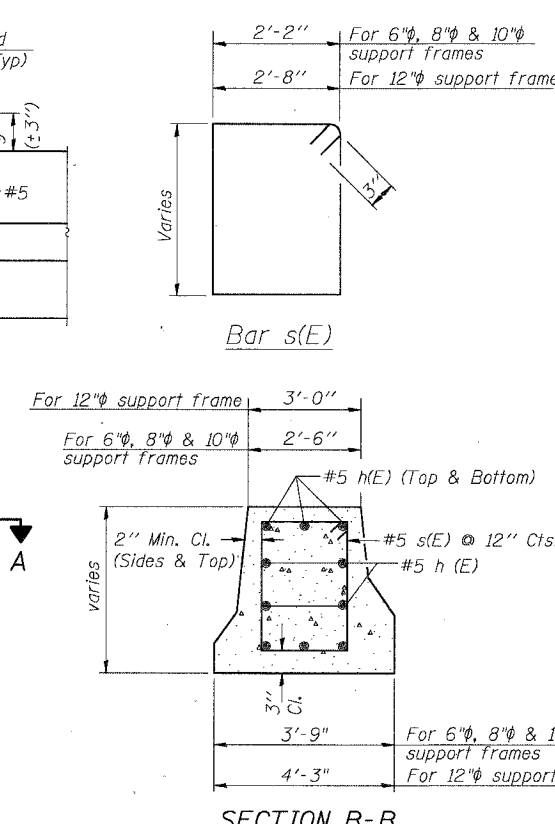
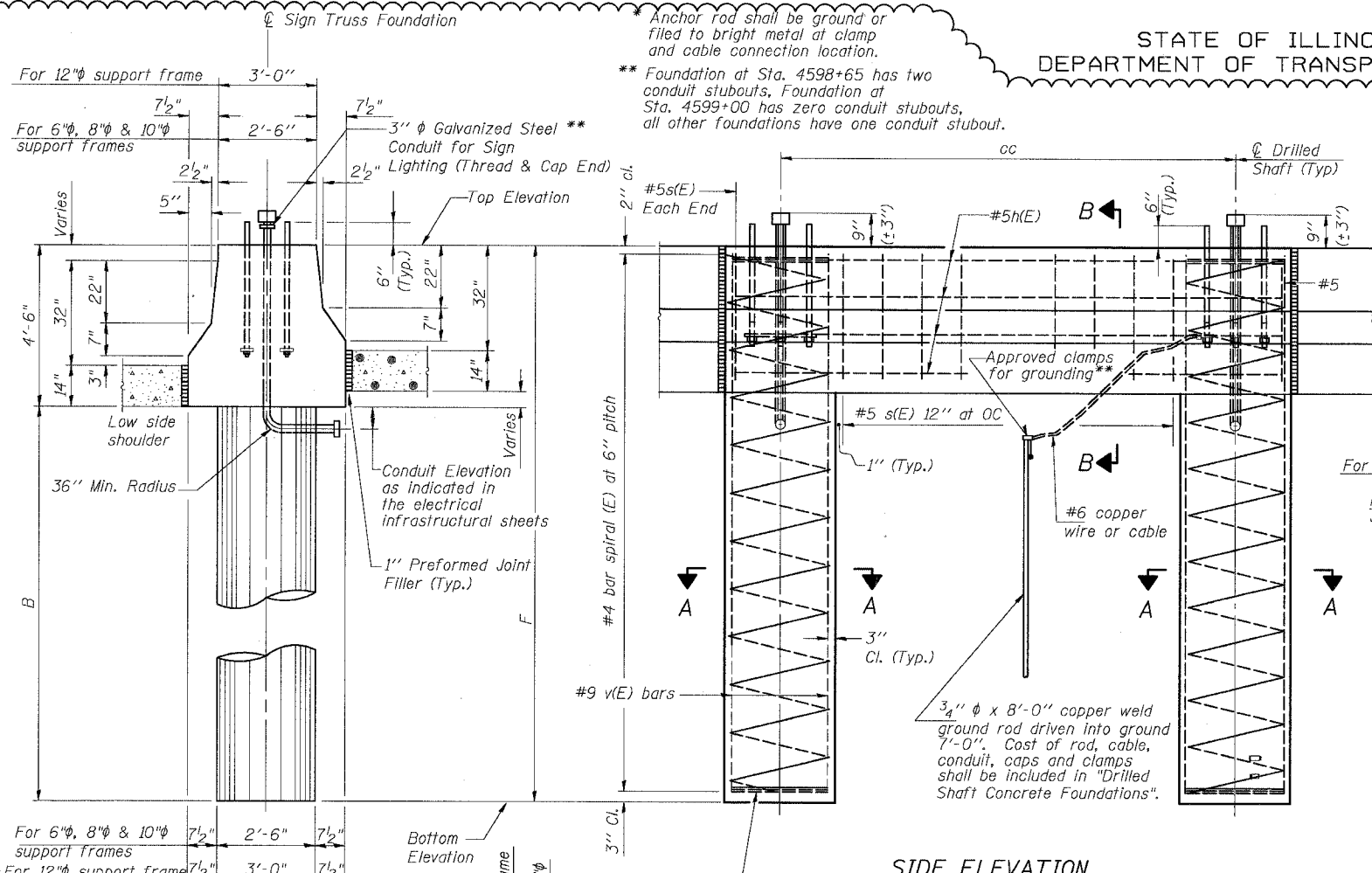
ADDENDUM 1 08/12/05
ADDENDUM 2 09/16/05

SGN-19

9/14/2005 9:58:56 AM

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				



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 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"	—

For 12" support frame
For 6", 8" & 10" support frames

#4(E) bar spiral - see Side Elevation

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"	ISO161094L055.41	4598+65	-	-	-	-	13.95'	-8.55'	18.0'	22.5'	10.1
10"	ISO161094L056.6	4536+00±	8.39	-12.61	16.5'	21.00'	-	-	-	-	11.2
8"	ISO161094L056.43	4545+35±	11.00	-8.0	14.5'	19.00'	-	-	-	-	9.9
8"	ISO161094L055.94	4571+00±	1.71	-17.29	14.5'	19.00'	-	-	-	-	10.2
12"	ISO161094L055.40	4599+00±	13.72	-8.78'	18.0'	22.5'	-	-	-	-	17.0

ADDENDUM 1 08/12/05
ADDENDUM 2 09/16/05

SGN-20

DESIGNED	-	20
CHECKED	-	
DRAWN	-	
CHECKED	-	

EXAMINED
PASSED
ENGINEER OF STRUCTURAL SERVICES
ENGINEER OF BRIDGES AND STRUCTURES

MODIFIED FROM OS4-MED

**OVERHEAD SIGN STRUCTURES
MEDIAN SUPPORT FOUNDATION DETAILS**

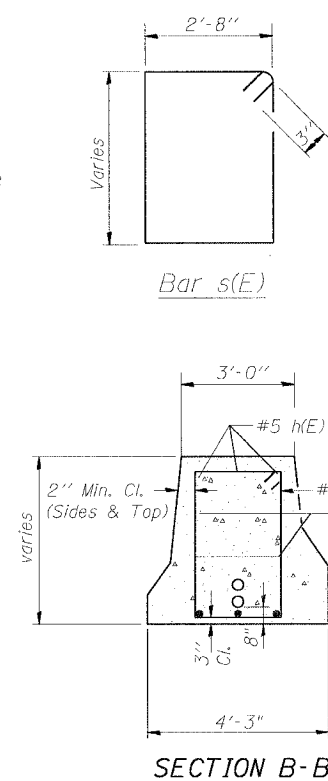
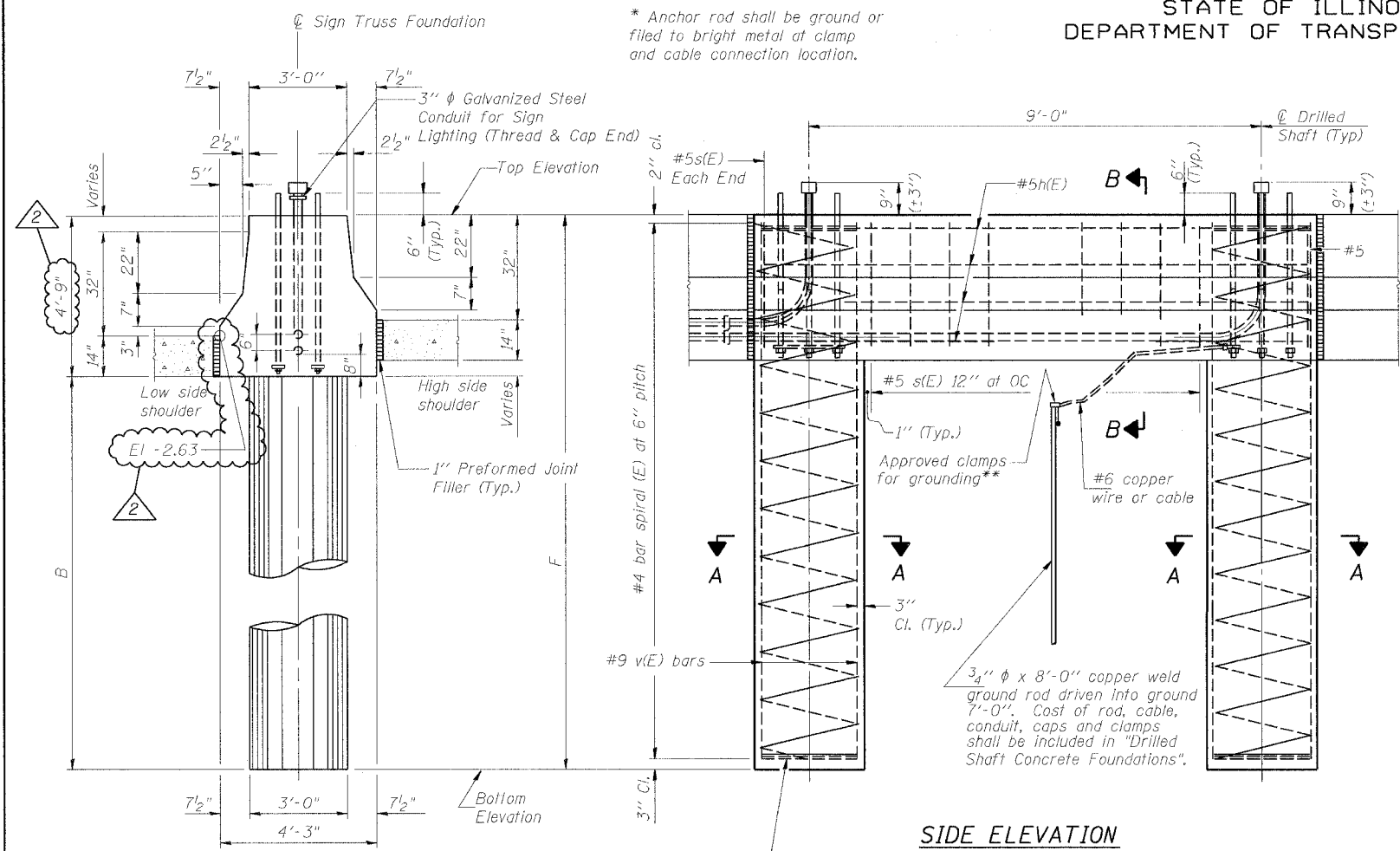
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION

OVERHEAD SIGN STRUCTURES

9/14/2005 9:59:39 AM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
90/94		COOK	556	318A	
FED. ROAD DIST. NO. 7		ILL. STATE FED. ROAD PROJECT			
(1818, ETC. 2324.6-1P) R-8					
62300					



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

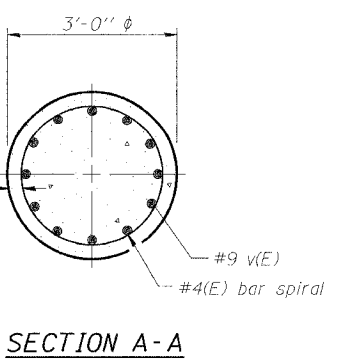
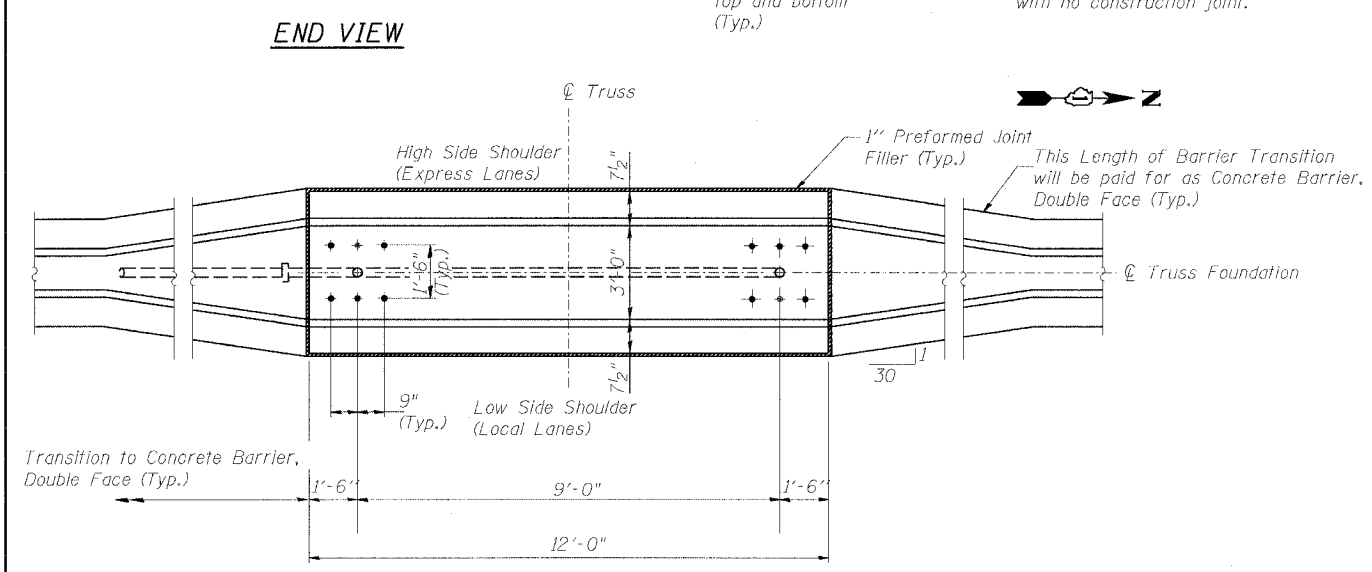
Bar	Number	Size	Length	Shape
h(E)	10	#5	11'-8"	—
s(E)	9	#5	Varies	□
v(E)	24	#9	F less 0'-5"	—
#4(E) bar spiral - see Side Elevation				

SIDE ELEVATION

Concrete Foundation poured monolithically with no construction joint.

LEFT FOUNDATION USES SINGLE FACE MEDIAN SUPPORT FOUNDATION

Structure Number	Station	Left Foundation		Right Foundation		Class SI Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	B	F	
ISO161094L058.0	2461+51.44					17.2
					-21.80'	
						22.75'



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

MODIFIED BY CTE ENGINEERS, INC. FROM OS4-MED

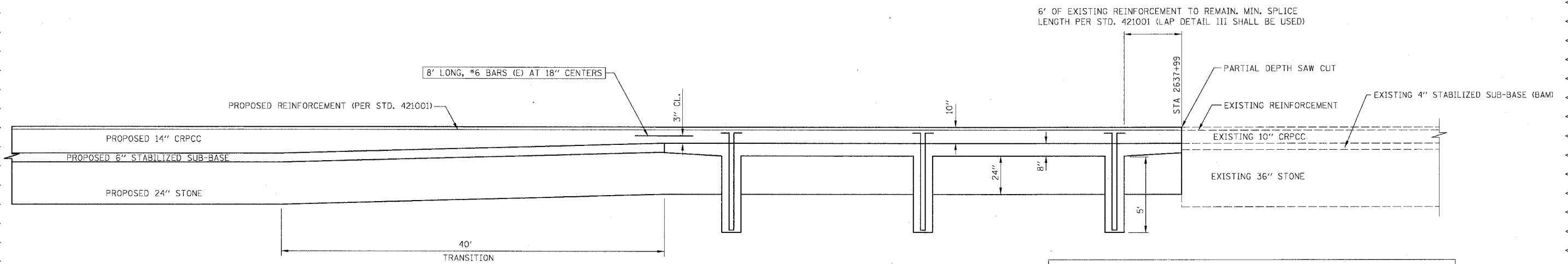
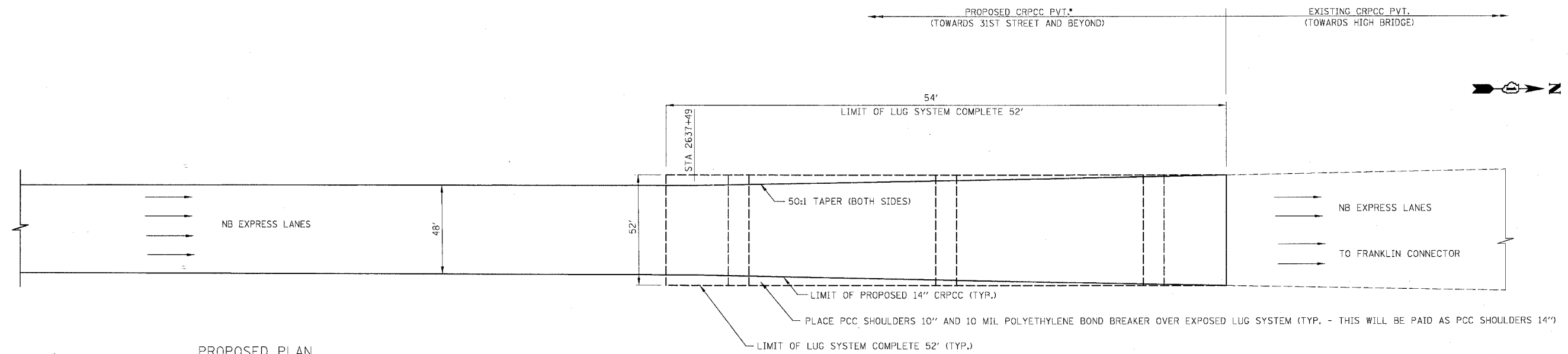
**OVERHEAD SIGN STRUCTURES
MEDIAN SUPPORT FOUNDATION DETAILS**

F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31st STREET TO 71st STREET
(NB Express Lanes)

DOUBLE FACE MEDIAN SUPPORT FOUNDATION

REVISIONS	
NAME	DATE
JSS	8-12-05
JSS & RDP	9-16-05

08/30/2005 09:55:14 AM



MATERIALS REQUIRED FOR ONE LUG SYSTEM COMPLETE 52' (EXCLUDING PAVEMENT CONCRETE AND PAVEMENT REINFORCEMENT)

BAR	QTY.	SIZE	LENGTH	SHAPE
a	266	#8	15'-8"	
b	18	#5	52'-9"	
c	266	#5	20'-0"	
d	56	#4	12'-3"	
CONCRETE		126 CU. YDS.		
REINFORCING BARS		18,127 LBS.		

NOTES

- EXISTING LUG SYSTEM AND RELIEF JOINT LOCATIONS MAY DIFFER FROM STATIONING SHOWN IN PLANS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING EXISTING LUG SYSTEMS AND RELIEF JOINTS PRIOR TO WORK BEING PERFORMED.
- THE CONTRACTOR SHALL TAKE CARE IN REMOVING THE EXISTING CRC PAVEMENT SO AS NOT TO DAMAGE THE PORTIONS OF THE LUG SYSTEM TO BE INCORPORATED. ANY DAMAGE TO THE EXISTING LUG SYSTEM IS TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE AS DIRECTED BY THE ENGINEER.

3. #6 BARS ARE TO BE SUPPORTED BY PINS OR OTHER METHOD AS APPROVED BY THE ENGINEER. MUCKING IN OF THE BARS IS NOT ACCEPTABLE. COST OF THESE ADDITIONAL BARS WILL NOT BE PAID FOR SEPRATE, BUT WILL BE INCLUDED IN THE PRICE FOR CRPCC PAVEMENT 14".

4. TRANSITION AREA FROM 10" TO 14" CRPCC AND 10" CRPCC WILL BE PAID AS CRPCC PAVEMENT 14".

5. LUG SYSTEM COMPLETE 52' IS SIMILAR TO (24') CRC PAVEMENT - WITH LUG SYSTEM (STD. 421201). SEE STANDARD 421201 FOR LAYOUT OF REINFORCING BARS.

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

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

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

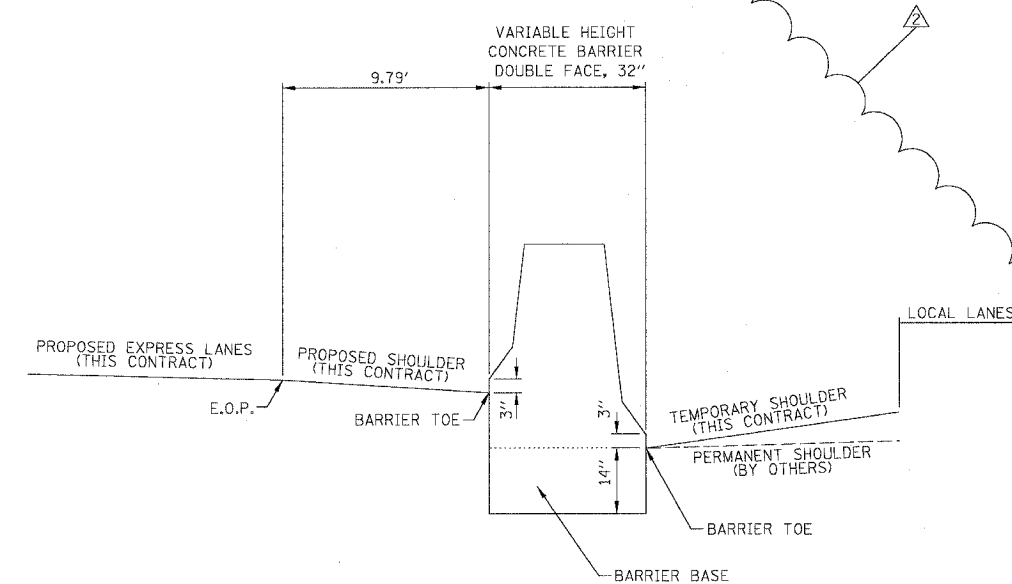
SCALE: NTS
DATE: 07/07/05

DRAWN BY: RR
CHECKED BY: JDC

EXPRESS LANE STATION	E.O.P. ELEV. OUTSIDE EXPRESS LANES	SHOULDER WIDTH	TOE OF FOUNDATION ELEV. ALONG EXPRESS LANES	TOE OF FOUNDATION ELEV. ALONG LOCAL LANES	LOCAL LANE STATION
2536+25.78	5.82	9.18	5.64	4.72	4535+94.62
2536+36.53	5.93	9.18	5.75	4.94	810+07.19
819+24.43	8.22	13.64	7.67	8.37	4545+30
819+34.43	8.16	13.64	7.61	8.25	4545+40
2570+88.71	-0.69	9.25	-1.06	-2.08	4570+95
2570+98.71	-0.53	9.25	-0.90	-1.91	4571+05
2598+52.69	11.71	8.94	11.35	10.77	4598+59
2598+64.69	11.63	8.94	11.27	10.69	4598+71
2598+87.69	11.48	8.94	11.12	10.53	4598+94
2598+99.69	11.40	8.94	11.04	10.45	4599+06

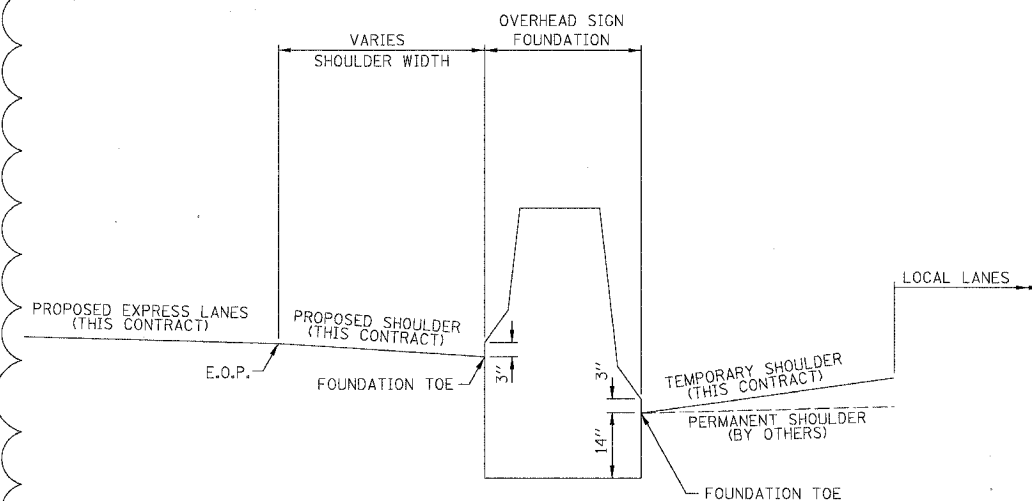
EXPRESS LANE STATION	E.O.P. ELEV. OUTSIDE EXPRESS LANES	TOE OF BARRIER ELEV. ALONG EXPRESS LANES
2523+00	1.47	1.07
2523+25	0.90	0.50
2523+50	0.34	-0.06
2523+75	-0.22	-0.62
2524+00	-0.78	-1.18
2524+25	-1.34	-1.74
2524+50	-1.90	-2.32
2524+75	-2.46	-2.92
2525+00	-3.02	-3.53
2525+25	-3.58	-4.13
2525+50	-4.13	-4.72
2525+75	-4.51	-5.10
2526+00	-4.86	-5.45
2526+25	-5.16	-5.75
2526+50	-5.42	-6.01
2526+75	-5.64	-6.23
2527+00	-5.82	-6.41
2527+25	-5.96	-6.55
2527+50	-6.06	-6.65
2527+75	-6.11	-6.75
2528+00	-6.13	-6.79
2528+25	-6.10	-6.77
2528+50	-6.03	-6.68
2528+75	Bridge Pier	-
2529+00	Bridge Pier	-
2529+25	Bridge Pier	-
2529+50	Bridge Pier	-
2529+75	-5.09	-5.62
2530+00	-4.83	-5.41
2530+25	-4.58	-5.16
2530+50	-4.32	-4.90
2530+75	-4.07	-4.65
2531+00	-3.81	-4.39
2531+25	-3.56	-4.14
2531+50	-3.30	-3.88
2531+75	-2.91	-3.44
2532+00	-2.42	-2.89
2532+25	-1.94	-2.35
2532+50	-1.46	-1.85
2532+75	-0.97	-1.36
2533+00	-0.49	-0.88
2533+25	0.00	-0.39
2533+50	0.48	0.09
2533+75	0.97	0.58
2534+00	1.45	1.06
2534+25	1.94	1.55
2534+50	2.42	2.03
2534+75	2.90	2.51
2535+00	3.39	3.00
2535+25	3.87	3.48
2535+50	4.36	3.98
2535+75	4.84	4.52
2536+00	5.33	5.08
2536+25	5.81	5.63
2536+50	6.07	5.88
2536+75	6.32	6.12
2537+00	6.57	6.37
2537+25	6.83	6.63
2537+50	7.08	6.88
2537+75	7.34	7.14
2538+00	7.59	7.39
2538+25	7.85	7.65
2538+50	8.10	7.90
2538+75	8.36	8.16
2539+00	8.61	8.41
2539+25	8.87	8.67
2539+50	9.12	8.92
2539+75	9.37	9.17
2540+00	9.62	9.42
2540+25	9.85	9.65
2540+50	10.05	9.85
2540+75	10.24	10.04

LOCAL LANE STATION	E.O.P. ELEV. INSIDE LOCAL LANES	TOE OF BARRIER ELEV. ALONG LOCAL LANES
4523+00	1.47	1.10
4523+25	1.07	0.69
4523+50	0.65	0.27
4523+75	0.22	-0.14
4524+00	-0.21	-0.52
4524+25	-0.64	-0.90
4524+50	-1.06	-1.26
4524+75	-1.52	-1.71
4525+00	-1.99	-2.19
4525+25	-2.47	-2.66
4525+50	-2.93	-3.12
4525+75	-3.35	-3.54
4526+00	-3.73	-3.92
4526+25	-4.06	-4.25
4526+50	-4.36	-4.55
4526+75	-4.61	-4.80
4527+00	-4.82	-5.01
4527+25	-4.98	-5.17
4527+50	-5.11	-5.29
4527+75	-5.19	-5.36
4528+00	-5.24	-5.39
4528+25	-5.21	-5.37
4528+50	Bridge Pier	-
4528+75	Bridge Pier	-
4529+00	Bridge Pier	-
4529+25	Bridge Pier	-
4529+50	-4.60	-4.80
4529+75	-4.35	-4.53
4530+00	-4.07	-4.26
4530+25	-3.73	-3.91
4530+50	-3.35	-3.53
4530+75	-2.93	-3.11
4531+00	-2.48	-2.66
4531+25	-2.05	-2.23
4531+50	-1.66	-1.89
4531+75	-1.28	-1.54
4532+00	-0.89	-1.19
4532+25	-0.51	-0.81
4532+50	-0.12	-0.42
4532+75	0.27	-0.04
4533+00	0.65	0.35
4533+25	1.04	0.74
4533+50	1.42	1.13
4533+75	1.81	1.52
4534+00	2.19	1.91
4534+25	2.57	2.31
4534+50	2.94	2.70
4534+75	3.31	3.09
4535+00	3.67	3.46
4535+25	4.02	3.82
4535+50	4.37	4.16
4535+75	4.71	4.48
810+00	5.09	4.84
810+25	5.47	5.15
810+50	5.84	5.48
810+75	6.19	5.79
811+00	6.55	6.12
811+25	6.92	6.48
811+50	7.28	6.82
811+75	7.61	7.14
812+00	7.92	7.43
812+25	8.22	7.74
812+50	8.48	7.99
812+75	8.73	8.22
813+00	8.96	8.44
813+25	9.16	8.64
813+50	9.34	8.81
813+75	9.51	8.99
814+00	9.65	9.12
814+25	9.77	9.23
814+50	9.88	9.31
814+75	9.95	9.41



CONCRETE BARRIER DOUBLE FACE

EXPRESS LANE STATION	E.O.P. ELEV. OUTSIDE EXPRESS LANES	TOE OF BARRIER ELEV. ALONG EXPRESS LANES	LOCAL LANE STATION	E.O.P. ELEV. INSIDE LOCAL LANES	TOE OF BARRIER ELEV. ALONG LOCAL LANES
2541+00	10.41	10.21	815+00	10.01	9.47
2541+25	10.55	10.35	815+25	10.04	9.50
2541+50	10.55	10.32	815+50	10.06	9.53
2541+75	10.53	10.26	815+75	10.06	9.53
2542+00	10.49	10.18	816+00	10.12	9.65
2542+25	10.43	10.08	816+25	10.17	9.77
2542+50	10.35	9.97	816+50	10.17	9.84
2542+75	10.25	9.86	816+75	10.14	9.82
2543+00	10.15	9.75	817+00	10.07	9.77
2543+25	10.01	9.62	817+25	9.95	9.68
2543+37	9.94	9.55	817+38.5	9.87	9.61



DOUBLE FACE OVERHEAD SIGN FOUNDATION

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

REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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

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

CDT-14

9/14/2005 10:02:05 AM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	556	369
STA.	TO STA.		PROJECT	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	62300	
• (1818, ETC, 2324.6-1PIR-8				

CTA BARRIER WALL LOCATION AND MODIFICATION TABLE

STATION	CONTRACT 62300 - NORTH BOUND EXPRESS LANES						CONTRACT 62302 - SOUTH BOUND EXPRESS LANES							
	Soldier Piles			Proposed T / Shoulder At or Above Existing		Proposed T / Shoulder Below Existing		Soldier Piles			Proposed T / Shoulder At or Above Existing		Proposed T / Shoulder Below Existing	
	Size	Length	Max. Spacing	Location	Modification	Location	Modification	Size	Length	Max. Spacing	Location	Modification	Location	Modification
35th St.	W12x120	30'	5'-0"	Sta. 2609+61 to 2625+07 Sta. 2621+15 to 2622+34 Sta. 2622+86 to 2625+07	6" Facing	-----	-----	W12x120	30'	5'-0"	Sta. 1609+39 to 1624+89 Sta. 1622+12 to 1624+89 Sta. 1622+64 to 1624+89	6" Facing	-----	-----
47th St.	W12x106	20'	5'-0"	-----	-----	Sta. 2529+46 to 2540+38	1'-4 1/2" Facing	W12x72	20'	6'-6"	Sta. 1529+36 to 1537+94	6" Facing	-----	-----
55th St.	W12x106	20'	8'-0"	-----	-----	Sta. 2476+01 to 2484+81	1'-4 1/2" Facing	W12x106	20'	8'-0"	-----	-----	Sta. 1475+84 to 1484+69	1'-4 1/2" Facing
69th St.	W12x72	20'	8'-0"	Sta. 2372+94 to 2379+56	②	-----	-----	W12x106	20'	8'-0"	Sta. 1372+75 to 1374+50	①	Sta. 1374+50 to 1378+53	①

- ① Replace Exist. 32" Barrier with Single Face Barrier, 42" Special
- ② Reface Existing CTA Barrier Wall with Vertical Facing

GENERAL NOTES:

1. Utility locations shown on these plans may not be correct or complete. The Contractor shall coordinate construction activities with the respective utilities of the city of Chicago. Before starting any excavation, the Contractor shall call "CUAN" (Chicago Utility Alert Network) at 312-744-7000 for field locations of buried electric, telephone, and gas facilities (48 hour notification is required). Contact the department of water management permit section at (312) 747-7893 for water and sewer locations.
2. In locations where the main sewers, drainage structures, public, and private drain connections are disturbed or damaged during construction by the Contractor, it will be the Contractor's responsibility to restore and replace the damaged facilities at his/her own expense to the satisfaction of the department of water management. The sewer flows must be maintained at all times.
3. In locations where pilings/drilled shafts are being proposed in the vicinity of the existing sewer facilities, a licensed Structural Engineer shall approve construction methods of support in order to maintain the structural integrity of the city's sewer system.
4. The Location of various items such as pavement, drainage structures, barrier walls and sign structure foundations 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.
5. 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 own expense.
6. The Contractor shall take all necessary safety precautions to protect and provide access to abutting CTA property, utilities and vehicular traffic.
7. It shall be the Contractor's responsibility to ensure that no gap remains between proposed CTA fencing or where proposed CTA fencing terminates and existing CTA fence remains in place.
8. Hammer driving of piles will not be allowed. All piles must be drilled or vibrated into place.
9. Plan dimensions and details relating to existing structures have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation or a change in the scope of work. However the Contractor will be paid for the quantity actually furnished at the unit price for the work.
10. All construction joints shall be bonded.
11. All exposed concrete edges shall have a 3/4" by 45° chamfer except where shown otherwise. Chamfer on vertical edges shall be continued a minimum of 1 foot below the finished ground line.
12. A protective coat shall be applied within the limits shown on the plans according to Section 503.19 of the Standard Specifications.
13. Reinforcement bars shall conform to the requirements of AASHTO M31 or M322 Grade 60.
14. Reinforcement bars designated "(E)" shall be epoxy coated.

15. For Existing Barrier Wall Modifications for Proposed T / Shoulder Below Existing, See Sheets B2 and B3.
16. For Existing Barrier Wall Modifications for Proposed T / Shoulder At or Above Existing, See Sheet B4 and B5.
17. For Existing Barrier Wall Modifications for 69th St. Station (SB) See Sheet B6.
18. For Existing Barrier Wall Modifications for 69th St. Station (NB) See Sheet B7.
19. For Refaced Barrier to Pier, Transition Details (Taper), Proposed T / Shoulder Below Existing, See Sheet B8.
20. For Refaced Barrier to Pier, Transition Details (No Taper), Proposed T / Shoulder Below Existing, See Sheet B9.
21. For Refaced Barrier to Pier, Transition Details (Taper), Proposed T / Shoulder At or Above Existing, See Sheet B10.
22. For Refaced Barrier to Pier, Transition Details (No Taper), Proposed T / Shoulder At or Above Existing, See Sheet B11.
23. For New 42" Barrier to Vert. Refaced Barrier, Transition Details (Taper), Proposed T / Shoulder At or Above Existing, See Sheet B12.
24. For Vert. Refaced Barrier to Pier, Transition Details (No Taper), Proposed T / Shoulder At or Above Existing, See Sheet B13.
25. For Refaced Barrier to New 42" Barrier, Transition Details, Proposed T / Shoulder Below Existing, See Sheet B14.
26. For Refaced Barrier to New 42" Barrier, Transition Details, Proposed T / Shoulder At or Above Existing, See Sheet B15.
27. For New 42" Barrier to Pier, Transition Details, Proposed T / Shoulder Below or Above Existing, See Sheet B16.
28. For Refaced Barrier to New Sign Structure, Transition Plan, Elevation and Details, Proposed T / Shoulder Below Existing, See Sheets B17 and B18.
29. If the Contractor chooses to alter the temporary soldier pile and lagging system shown in the Plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.

DESIGN STRESSES:

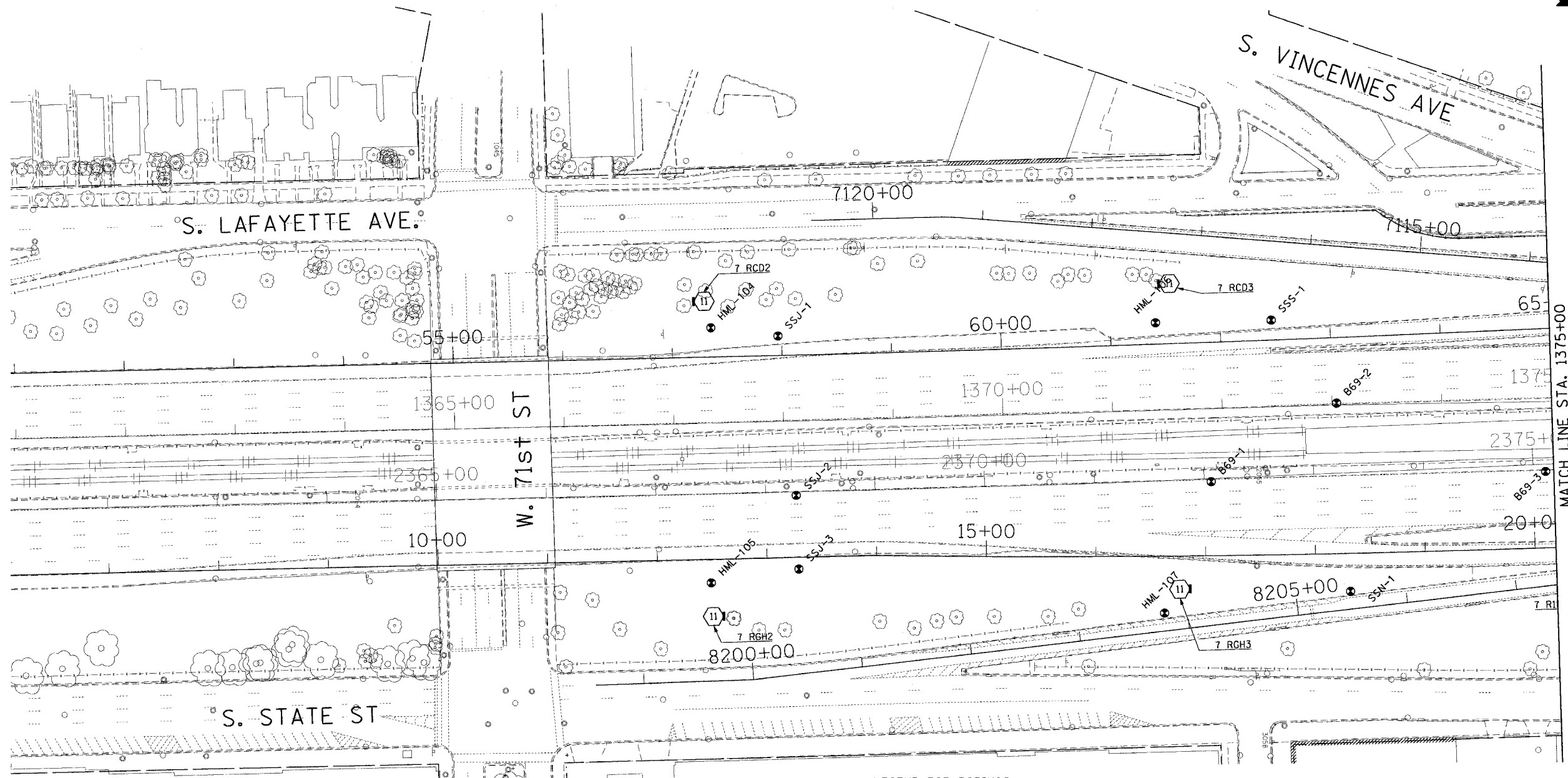
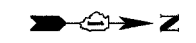
FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinf.)

CTE | AECOM

REVISIONS	
NAME	DATE
MJP	8-12-05
MJP	9-16-05

Sheet B1 of 16
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
71ST STREET TO 31ST STREET (NB EXPRESS LANES)
**EXISTING BARRIER WALL
AT CTA STATIONS
LOCATION AND MODIFICATION TABLE**
SCALE: None DRAWN BY: KWT
DATE: July 7, 2005 CHECKED BY: RDP

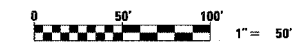
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90/94		COOK	556	384A
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
• (1818, ETC. 2324.6-1P1R-8			62300	



LEGEND FOR BORINGS

- PROPOSED SIGN STRUCTURE
- HIGH MAST LIGHT POLE
- HML : HIGH MAST LIGHT POLE
- REO : RETAINING WALL, EAST SIDE, WALL-O
- REW : RETAINING WALL, EAST SIDE, WALL-W
- RWC : RETAINING WALL, WEST SIDE, WALL-C
- RWL : RETAINING WALL, WEST SIDE, WALL-L
- SIA : RETAINING WALL, INTERCHANGE, WALL IA
- SSN : STORM SEWER, NORTHBOUND
- SSS : STORM SEWER, SOUTHBOUND
- SSJ : STORM SEWER, JACKING
- STB : SIGN STRUCTURE
- SSB : BRIDGE
- SEW.SWW : BRIDGE
- SGN : SUBGRADE, NORTHBOUND
- SGS : SUBGRADE, SOUTHBOUND
- BRN : 47th ST. RAMP
- C : CORING

ADDED SHEET



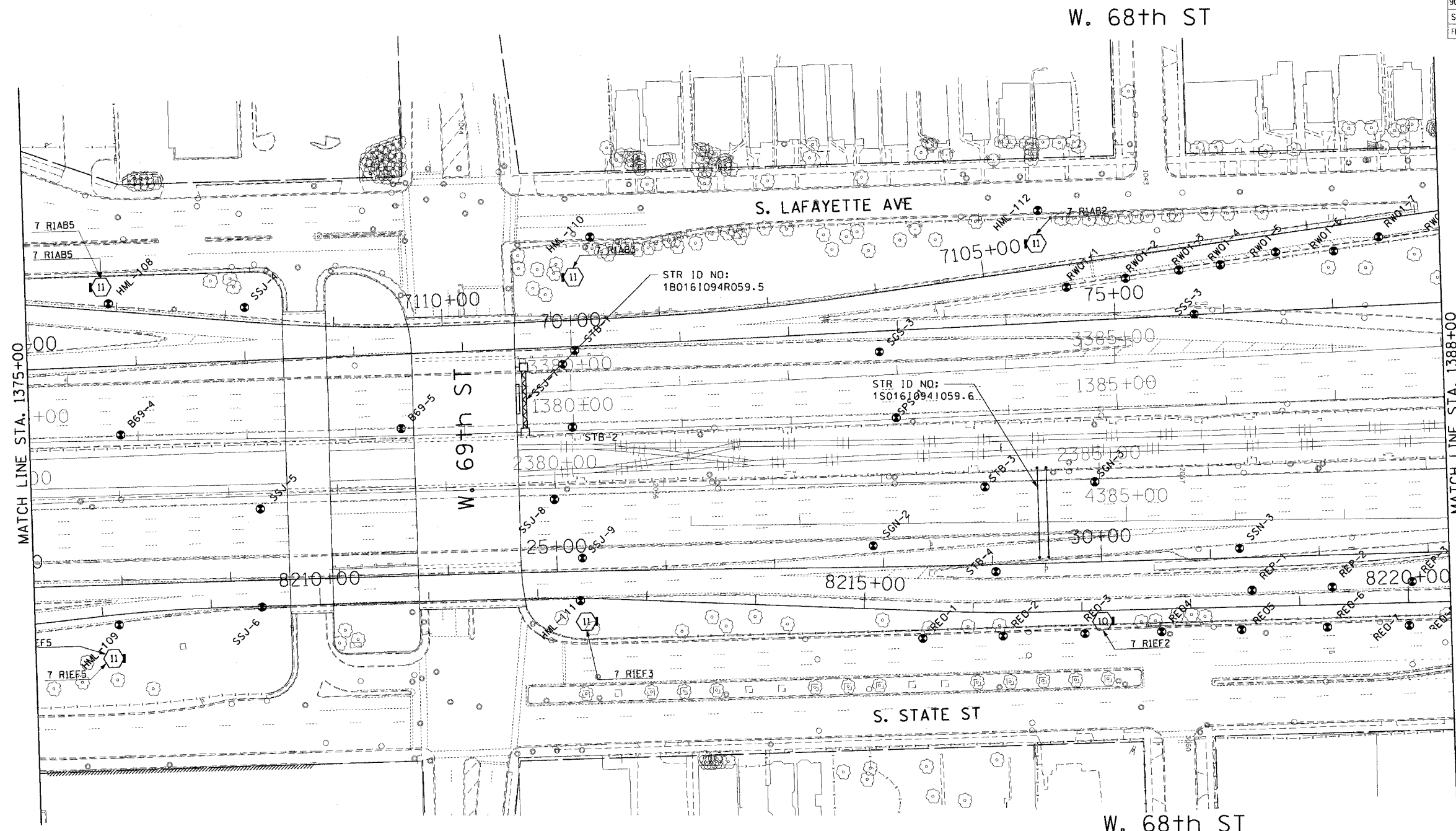
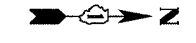
REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 71ST STREET TO 31ST STREET (NB EXPRESS LANES)
 SOIL BORING LOCATIONS

SCALE: 1"=50'
 DATE: September 16, 2005
 DRAWN BY: PHP
 CHECKED BY: JAL

9/16/2005 9:27:05 AM

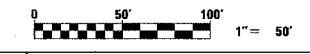
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90/94		COOK	556	384B
STA.	TO STA.		FED. AID PROJECT	
			• (1818, ETC, 2324.6-1PR-8) 62300	



LEGEND FOR BORINGS

- PROPOSED SIGN STRUCTURE
- ⬡ HIGH MAST LIGHT POLE
- HML : HIGH MAST LIGHT POLE
- REO : RETAINING WALL, EAST SIDE, WALL-O
- REW : RETAINING WALL, EAST SIDE, WALL-W
- RWC : RETAINING WALL, WEST SIDE, WALL-C
- RWL : RETAINING WALL, WEST SIDE, WALL-L
- SIA : RETAINING WALL, INTERCHANGE, WALL IA
- SSN : STORM SEWER, NORTHBOUND
- SSS : STORM SEWER, SOUTHBOUND
- SSJ : STORM SEWER, JACKING
- STB : SIGN STRUCTURE
- SSB : BRIDGE
- SEW.SWW : BRIDGE
- SGN : SUBGRADE, NORTHBOUND
- SGS : SUBGRADE, SOUTHBOUND
- BRN : 47th ST. RAMP
- C : CORING

▲ ADDED SHEET



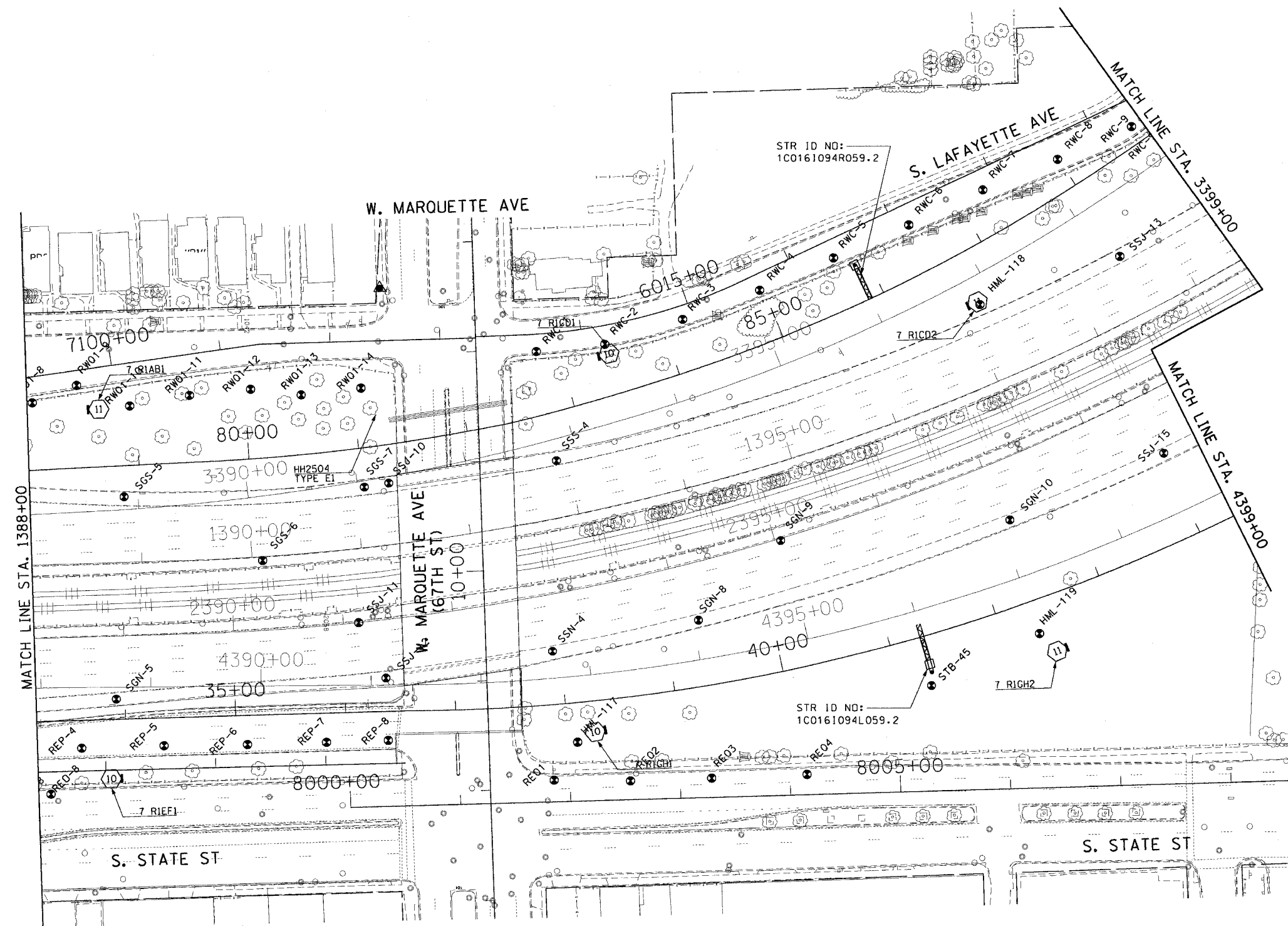
REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 71ST STREET TO 31ST STREET (NB EXPRESS LANES)
 SOIL BORING LOCATIONS

SCALE: 1"=50'
 DATE: September 16, 2005
 DRAWN BY: PHP
 CHECKED BY: JAL

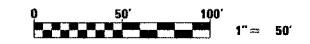
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STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
(1818, ETC, 2324.6-1P1R-8		62300		



- LEGEND FOR BORINGS**
- PROPOSED SIGN STRUCTURE
 - HIGH MAST LIGHT POLE
 - HML : HIGH MAST LIGHT POLE
 - RED : RETAINING WALL, EAST SIDE, WALL-O
 - REW : RETAINING WALL, EAST SIDE, WALL-W
 - RWC : RETAINING WALL, WEST SIDE, WALL-C
 - RWL : RETAINING WALL, WEST SIDE, WALL-L
 - SIA : RETAINING WALL, INTERCHANGE, WALL IA
 - SSN : STORM SEWER, NORTHBOUND
 - SSS : STORM SEWER, SOUTHBOUND
 - SSJ : STORM SEWER, JACKING
 - STB : SIGN STRUCTURE
 - SSB : BRIDGE
 - SEW.SWW : BRIDGE
 - SGN : SUBGRADE, NORTHBOUND
 - SGS : SUBGRADE, SOUTHBOUND
 - BRN : 47th ST. RAMP
 - C : CORING

ADDED SHEET



REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

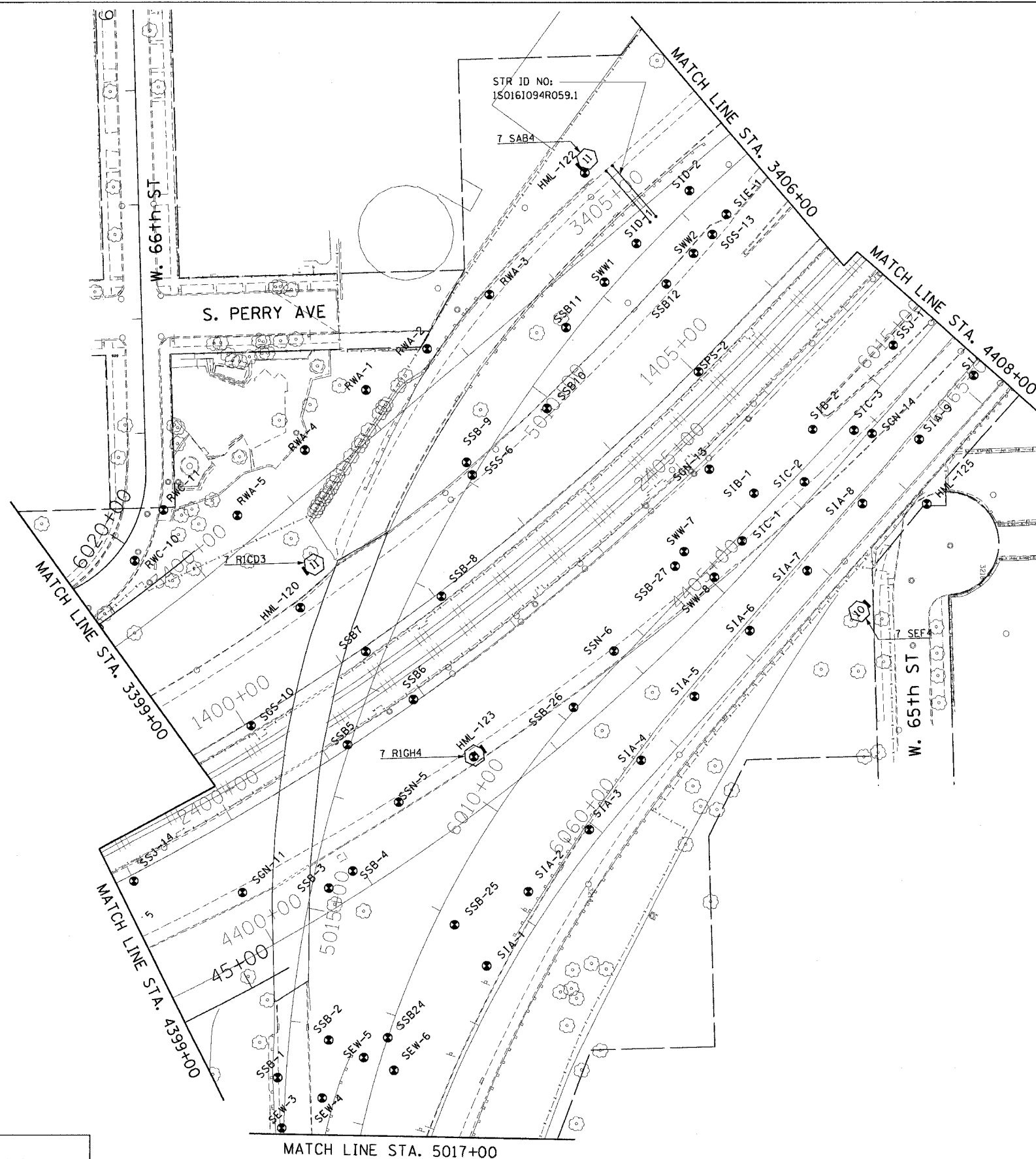
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 71ST STREET TO 31ST STREET (NB EXPRESS LANES)
SOIL BORING LOCATIONS

SCALE: 1"=50'
 DATE: September 16, 2005

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 CHECKED BY: JAL

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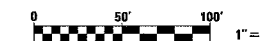
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STA.	TO STA.		FED. AID PROJECT	
			• (IB18, ETC, 2324.6-1PR-8) 62300	



LEGEND FOR BORINGS

- PROPOSED SIGN STRUCTURE
- HIGH MAST LIGHT POLE
- HML : HIGH MAST LIGHT POLE
- REO : RETAINING WALL, EAST SIDE, WALL-O
- REW : RETAINING WALL, EAST SIDE, WALL-W
- RWC : RETAINING WALL, WEST SIDE, WALL-C
- RWL : RETAINING WALL, WEST SIDE, WALL-L
- SIA : RETAINING WALL, INTERCHANGE, WALL IA
- SSN : STORM SEWER, NORTHBOUND
- SSS : STORM SEWER, SOUTHBOUND
- SSJ : STORM SEWER, JACKING
- STB : SIGN STRUCTURE
- SSB : BRIDGE
- SEW, SWW : BRIDGE
- SGN : SUBGRADE, NORTHBOUND
- SGS : SUBGRADE, SOUTHBOUND
- BRN : 47th ST. RAMP
- C : CORING

ADDED SHEET



REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

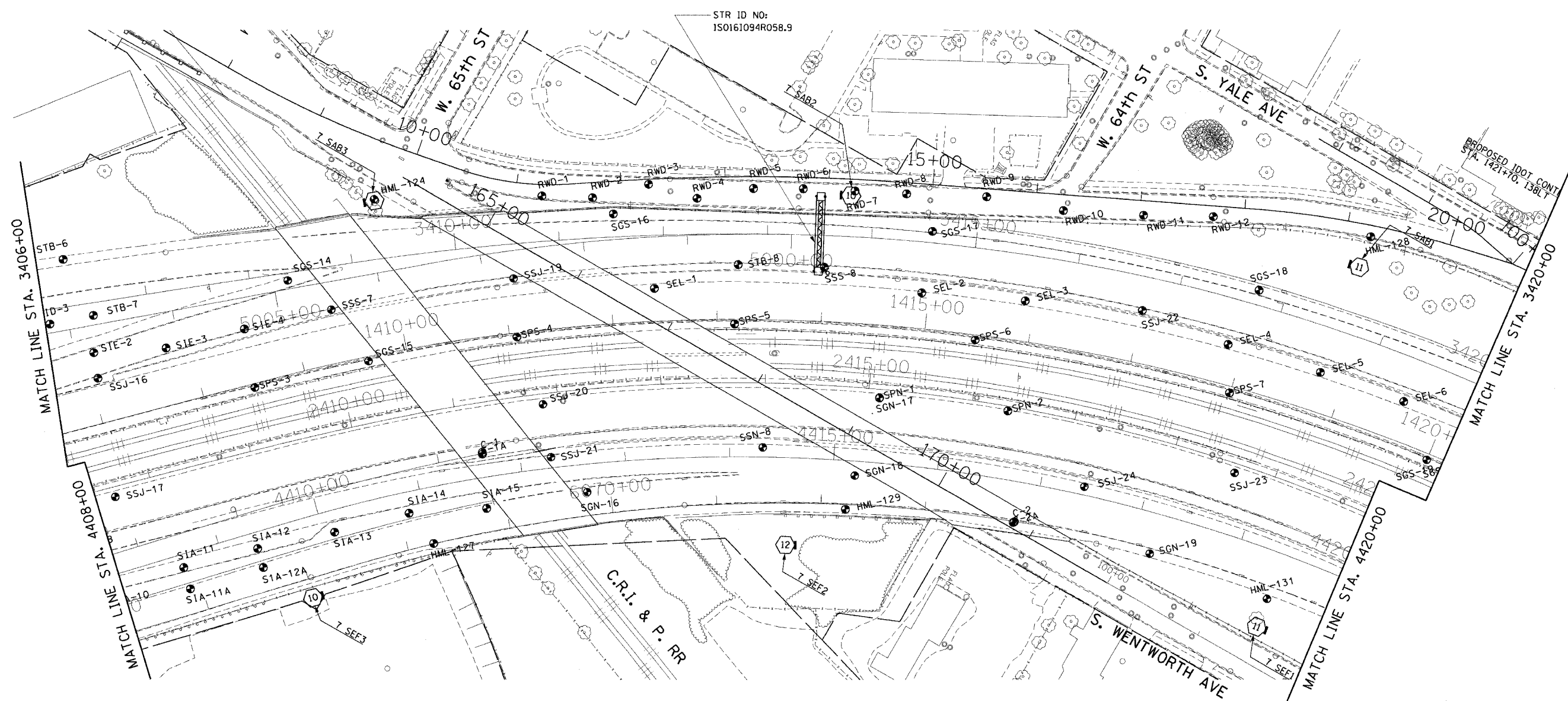
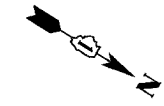
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 71ST STREET TO 31ST STREET (NB EXPRESS LANES)

SOIL BORING LOCATIONS

SCALE: 1"=50'
 DATE: September 16, 2005
 DRAWN BY: PHP
 CHECKED BY: JAL

9/8/2005 9:28:40 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	556	384E
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
• (1818, ETC, 2324.6-1P1R-8			62300	



STR ID NO:
1S0161094R058.9

LEGEND FOR BORINGS

- PROPOSED SIGN STRUCTURE
- ⊠ HIGH MAST LIGHT POLE
- HML : HIGH MAST LIGHT POLE
- RED : RETAINING WALL, EAST SIDE, WALL-0
- REW : RETAINING WALL, EAST SIDE, WALL-W
- RWC : RETAINING WALL, WEST SIDE, WALL-C
- RWL : RETAINING WALL, WEST SIDE, WALL-L
- SIA : RETAINING WALL, INTERCHANGE, WALL IA
- SSN : STORM SEWER, NORTHBOUND
- SSS : STORM SEWER, SOUTHBOUND
- SSJ : STORM SEWER, JACKING
- STB : SIGN STRUCTURE
- SSB : BRIDGE
- SEW.SWW : BRIDGE
- SGN : SUBGRADE, NORTHBOUND
- SGS : SUBGRADE, SOUTHBOUND
- BRN : 47th ST. RAMP
- C : CORING

▲ ADDED SHEET



REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

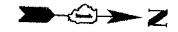
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
71ST STREET TO 31ST STREET (NB EXPRESS LANES)

SOIL BORING LOCATIONS

SCALE: 1"=50'
DATE: September 16, 2005
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CHECKED BY: JAL

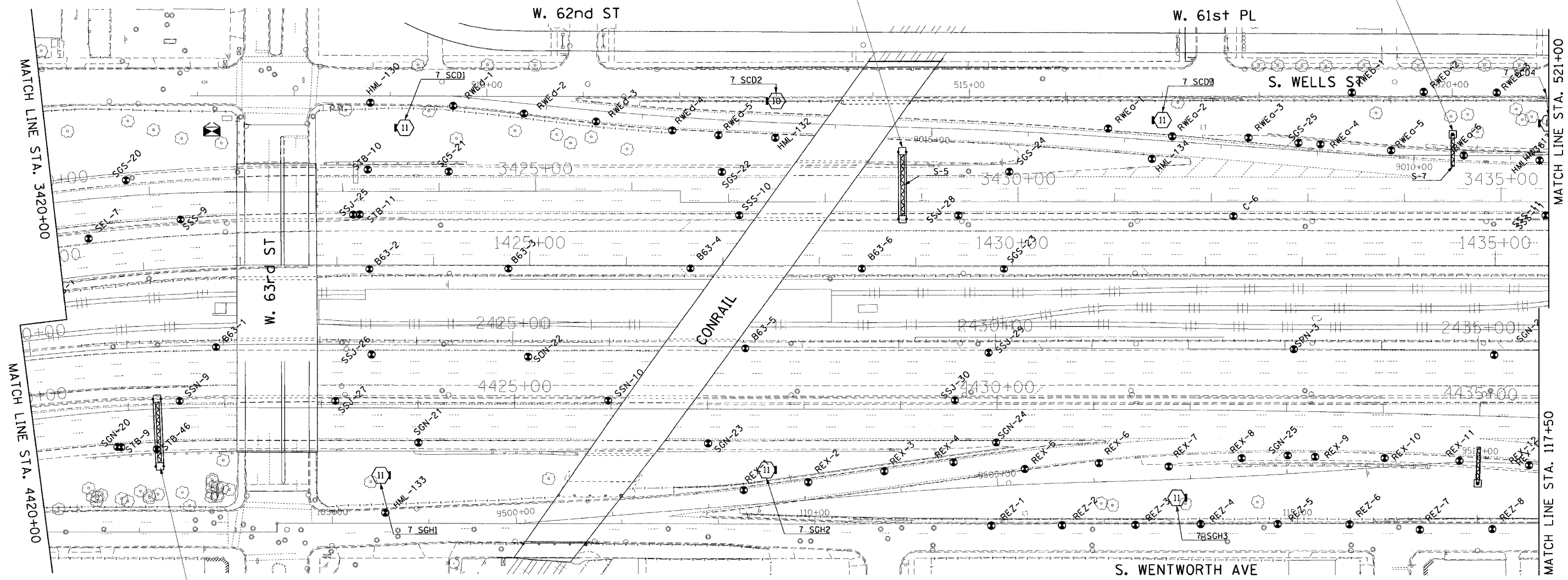
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F.A.I. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 384F
STA. •	TO STA.		FED. AID PROJECT • (1818, ETC, 2324.6-IPR-8)	
			62300	



STR ID NO:
150161094R058.6

STR ID NO:
1C0161094R058.5



STR ID NO:
150161094L058.8

LEGEND FOR BORINGS

- PROPOSED SIGN STRUCTURE
- HIGH MAST LIGHT POLE
- HML : HIGH MAST LIGHT POLE
- REZ : RETAINING WALL, EAST SIDE, WALL-O
- REW : RETAINING WALL, EAST SIDE, WALL-W
- RWC : RETAINING WALL, WEST SIDE, WALL-C
- RWL : RETAINING WALL, WEST SIDE, WALL-L
- SIA : RETAINING WALL, INTERCHANGE, WALL IA
- SSN : STORM SEWER, NORTHBOUND
- SSS : STORM SEWER, SOUTHBOUND
- SSJ : STORM SEWER, JACKING
- STB : SIGN STRUCTURE
- SSB : BRIDGE
- SEW.SWW : BRIDGE
- SGN : SUBGRADE, NORTHBOUND
- SGS : SUBGRADE, SOUTHBOUND
- BRN : 47th ST. RAMP
- C : CORING

ADDED SHEET



REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

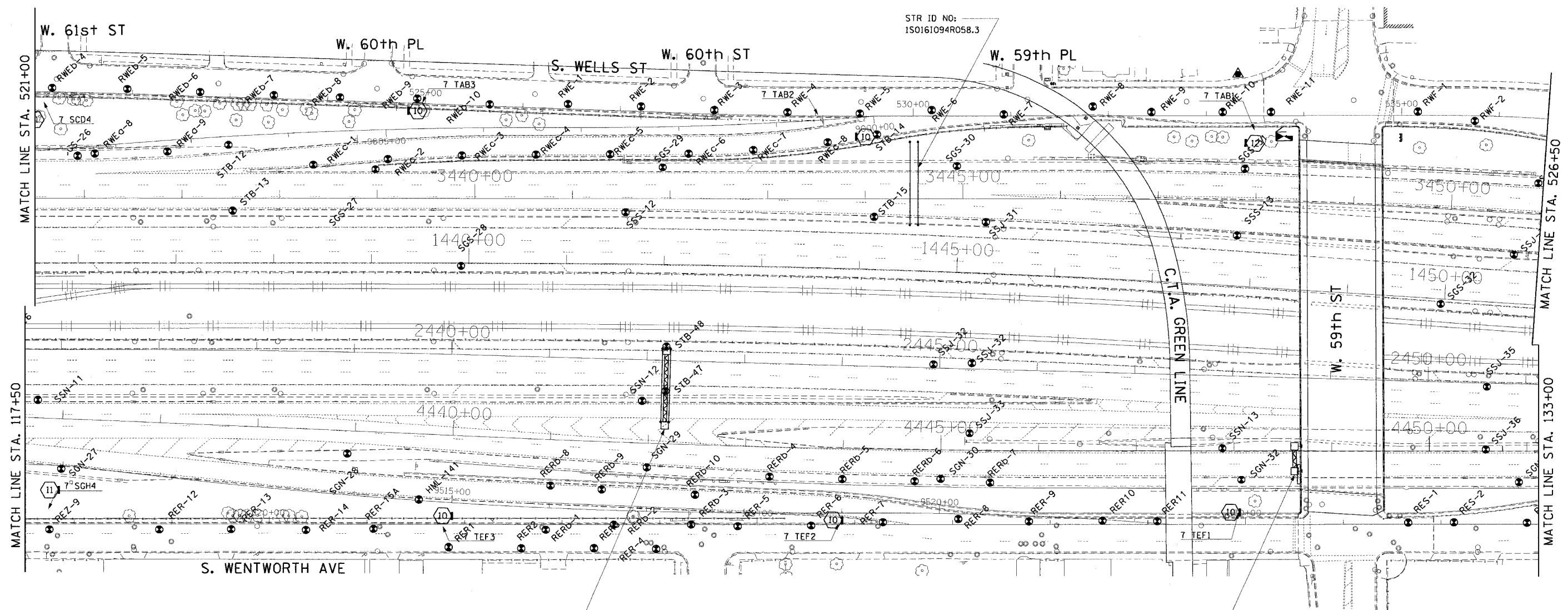
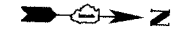
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
71ST STREET TO 31ST STREET (NB EXPRESS LANES)

SOIL BORING LOCATIONS

SCALE: 1"=50'
DATE: September 16, 2005
DRAWN BY: PHP
CHECKED BY: JAL

P:\PROJECTS\9094\94058\94058.DWG

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	556	384G
STA.	TO STA.		FED. AID PROJECT	
			• (181B, ETC, 2324.6-1P/R-8	
			62300	



LEGEND FOR BORINGS

- PROPOSED SIGN STRUCTURE
- ⊠ HIGH MAST LIGHT POLE
- HML : HIGH MAST LIGHT POLE
- REO : RETAINING WALL, EAST SIDE, WALL-O
- REW : RETAINING WALL, EAST SIDE, WALL-W
- RWC : RETAINING WALL, WEST SIDE, WALL-C
- RWL : RETAINING WALL, WEST SIDE, WALL-L
- SIA : RETAINING WALL, INTERCHANGE, WALL IA
- SSN : STORM SEWER, NORTHBOUND
- SSJ : STORM SEWER, JACKING
- STB : SIGN STRUCTURE
- SSB : BRIDGE
- SEW,SWW : BRIDGE
- SGN : SUBGRADE, NORTHBOUND
- SGS : SUBGRADE, SOUTHBOUND
- BRN : 47th ST. RAMP
- C : CORING



REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

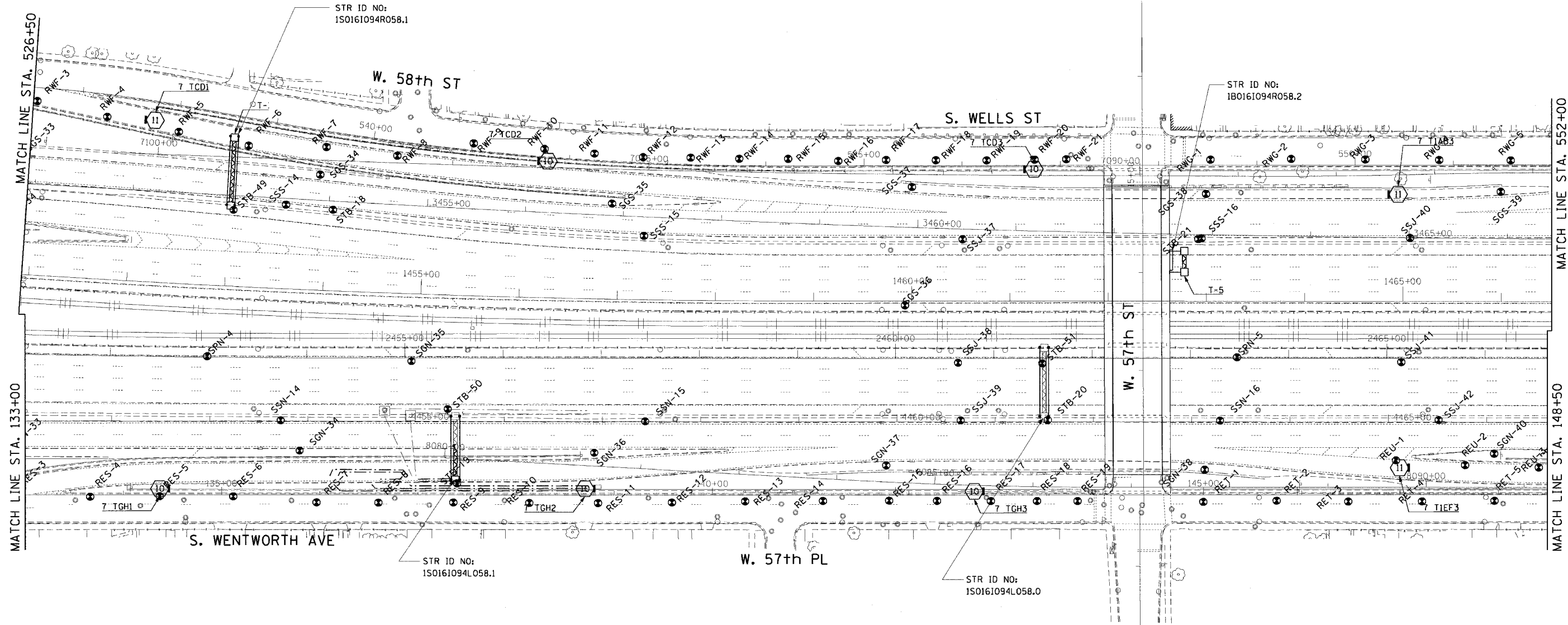
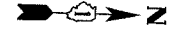
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 71ST STREET TO 31ST STREET (NB EXPRESS LANES)

SOIL BORING LOCATIONS

SCALE: 1"=50'
 DATE: September 16, 2005
 DRAWN BY: PHP
 CHECKED BY: JAL

9/18/2005 9:30:44 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	556	384H
STA.	TO STA.		FED. AID PROJECT	
			ILLINOIS	
			11B18, ETC, 2324.6-1P1R-8	
			62300	



LEGEND FOR BORINGS

- PROPOSED SIGN STRUCTURE
- HIGH MAST LIGHT POLE
- HML : HIGH MAST LIGHT POLE
- REO : RETAINING WALL, EAST SIDE, WALL-O
- REW : RETAINING WALL, EAST SIDE, WALL-W
- RWC : RETAINING WALL, WEST SIDE, WALL-C
- RWL : RETAINING WALL, WEST SIDE, WALL-L
- SIA : RETAINING WALL, INTERCHANGE, WALL IA
- SSN : STORM SEWER, NORTHBOUND
- SSS : STORM SEWER, SOUTHBOUND
- SSJ : STORM SEWER, JACKING
- STB : SIGN STRUCTURE
- SSB : BRIDGE
- SEW, SSW : BRIDGE
- SGN : SUBGRADE, NORTHBOUND
- SGS : SUBGRADE, SOUTHBOUND
- BRN : 47th ST. RAMP
- C : CORING

ADDED SHEET



REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

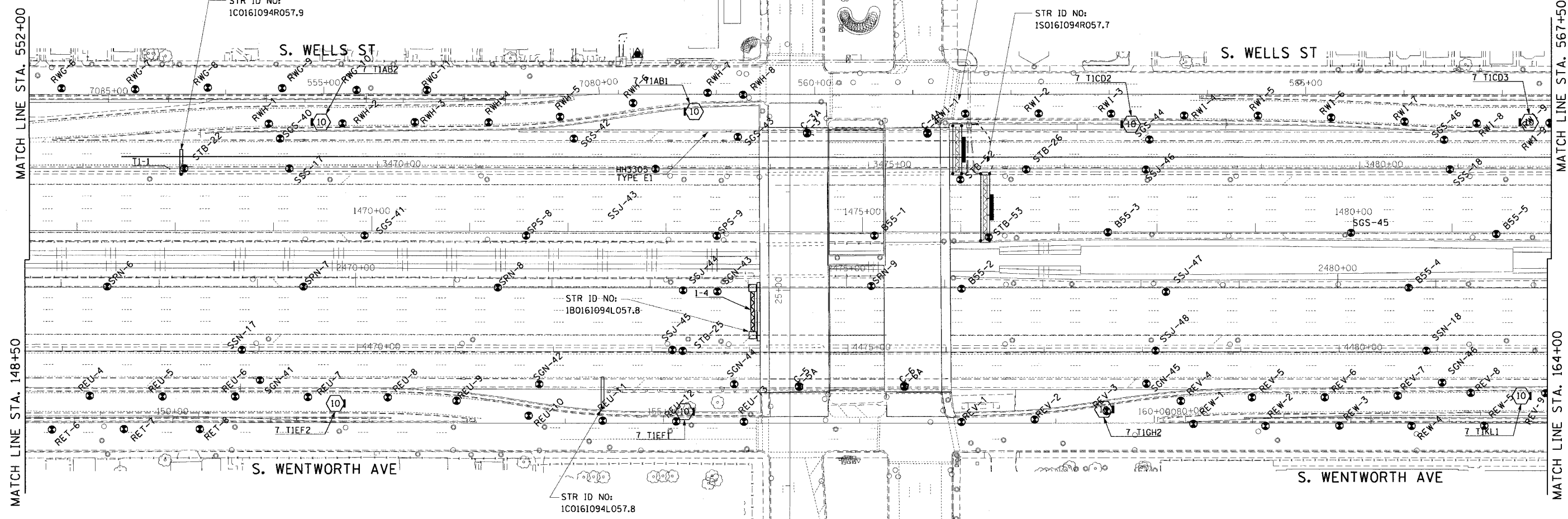
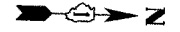
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 71ST STREET TO 31ST STREET (NB EXPRESS LANES)

SOIL BORING LOCATIONS

SCALE: 1"=50'
 DATE: September 16, 2005
 DRAWN BY: PHP
 CHECKED BY: JAL

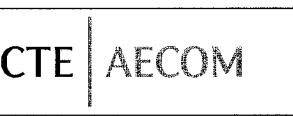
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F.A.I. RTE. 90/94	SECTION •	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 3841
STA. FED. ROAD DIST. NO. 1	TO STA. ILLINOIS		FED. AID PROJECT 62300	
• (1818, ETC, 2324.6-1PR-8)				



LEGEND FOR BORINGS

- PROPOSED SIGN STRUCTURE
- HIGH MAST LIGHT POLE
- HML : HIGH MAST LIGHT POLE
- REO : RETAINING WALL, EAST SIDE, WALL-O
- REW : RETAINING WALL, EAST SIDE, WALL-W
- RWC : RETAINING WALL, WEST SIDE, WALL-C
- RWL : RETAINING WALL, WEST SIDE, WALL-L
- SIA : RETAINING WALL, INTERCHANGE, WALL IA
- SSN : STORM SEWER, NORTHBOUND
- SSS : STORM SEWER, SOUTHBOUND
- SSJ : STORM SEWER, JACKING
- STB : SIGN STRUCTURE
- SSB : BRIDGE
- SEW.SWW : BRIDGE
- SGN : SUBGRADE, NORTHBOUND
- SGS : SUBGRADE, SOUTHBOUND
- BRN : 47th ST. RAMP
- C : CORING



REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05



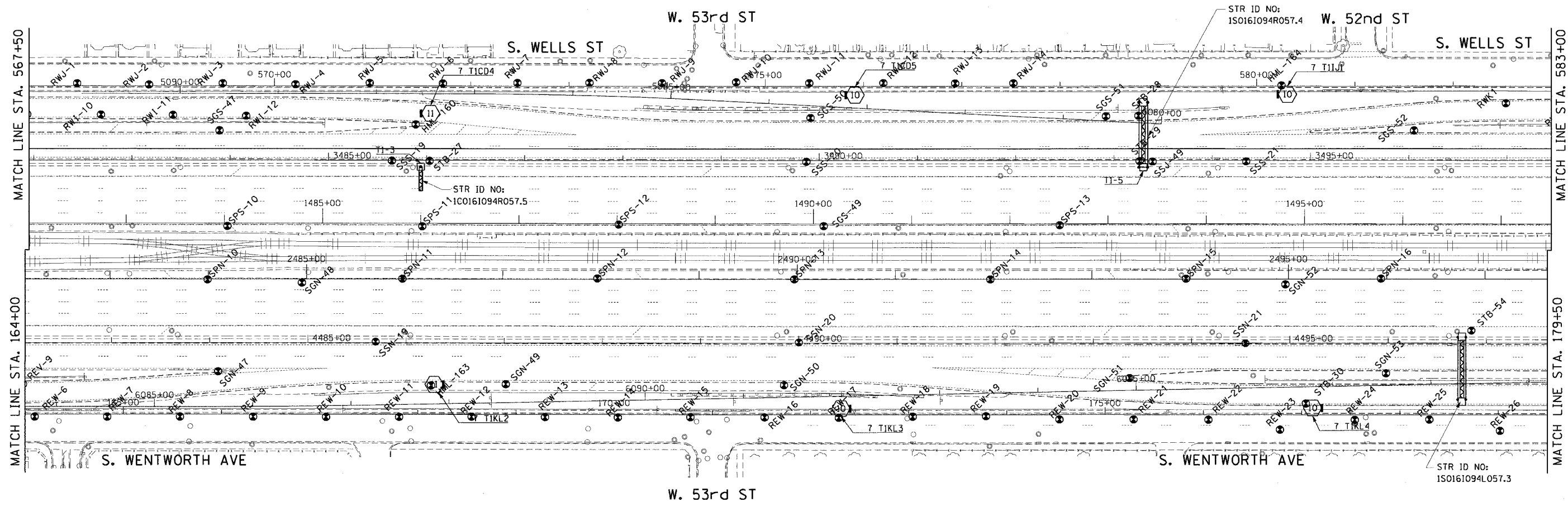
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
71ST STREET TO 31ST STREET (NB EXPRESS LANES)

SOIL BORING LOCATIONS

SCALE: 1"=50'
DATE: September 16, 2005
DRAWN BY: PHP
CHECKED BY: JAL

9/16/2005 9:34:47 AM

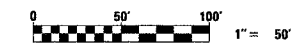
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	556	384J
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
• 11B18, ETC, 2324.6-1P1R-8			62300	



LEGEND FOR BORINGS

- PROPOSED SIGN STRUCTURE
- HIGH MAST LIGHT POLE
- HML : HIGH MAST LIGHT POLE
- RED : RETAINING WALL, EAST SIDE, WALL-O
- REW : RETAINING WALL, EAST SIDE, WALL-W
- RWC : RETAINING WALL, WEST SIDE, WALL-C
- RWL : RETAINING WALL, WEST SIDE, WALL-L
- SIA : RETAINING WALL, INTERCHANGE, WALL IA
- SSN : STORM SEWER, NORTHBOUND
- SSS : STORM SEWER, SOUTHBOUND
- SSJ : STORM SEWER, JACKING
- STB : SIGN STRUCTURE
- SSB : BRIDGE
- SEW, SWW : BRIDGE
- SGN : SUBGRADE, NORTHBOUND
- SGS : SUBGRADE, SOUTHBOUND
- BRN : 47th ST. RAMP
- C : CORING

ADDED SHEET

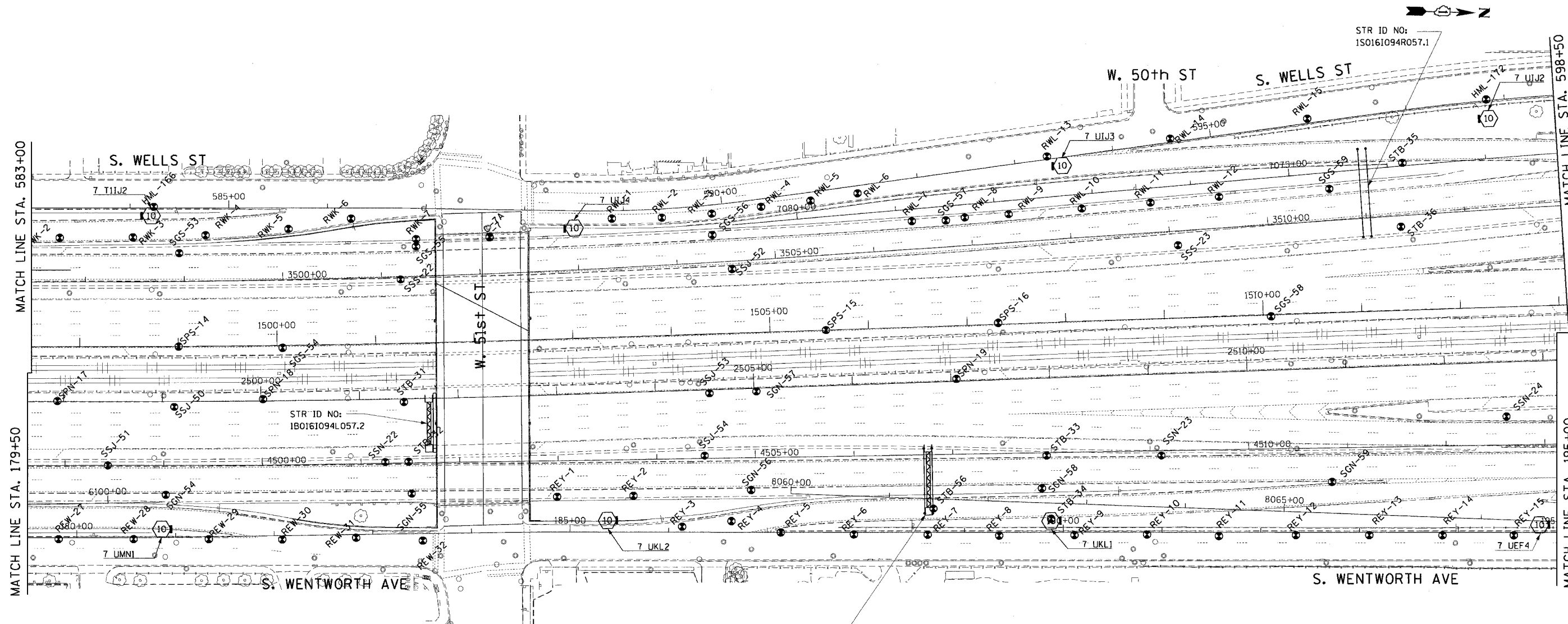


REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 71ST STREET TO 31ST STREET (NB EXPRESS LANES)
SOIL BORING LOCATIONS
 SCALE: 1"=50'
 DATE: September 16, 2005
 DRAWN BY: PHP
 CHECKED BY: JAL

9/16/2005 9:32:50 AM
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F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	COOK	556	384K
STA. TO STA.		FED. AID PROJECT	
FED. ROAD DIST. NO. 1 ILLINOIS		• (B118, ETC, 2324.6-1PR-8	
			62300



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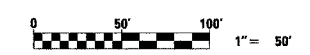
STR ID NO:
1B0161094L057.2

STR ID NO:
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LEGEND FOR BORINGS

- PROPOSED SIGN STRUCTURE
- ⊠ HIGH MAST LIGHT POLE
- HML : HIGH MAST LIGHT POLE
- REO : RETAINING WALL, EAST SIDE, WALL-O
- REW : RETAINING WALL, EAST SIDE, WALL-W
- RWC : RETAINING WALL, WEST SIDE, WALL-C
- RWL : RETAINING WALL, WEST SIDE, WALL-L
- SIA : RETAINING WALL, INTERCHANGE, WALL IA
- SSN : STORM SEWER, NORTHBOUND
- SSS : STORM SEWER, SOUTHBOUND
- SSJ : STORM SEWER, JACKING
- STB : SIGN STRUCTURE
- SSB : BRIDGE
- SEW.SWW : BRIDGE
- SGN : SUBGRADE, NORTHBOUND
- SGS : SUBGRADE, SOUTHBOUND
- BRN : 47th ST. RAMP
- C : CORING

▲ ADDED SHEET



REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

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

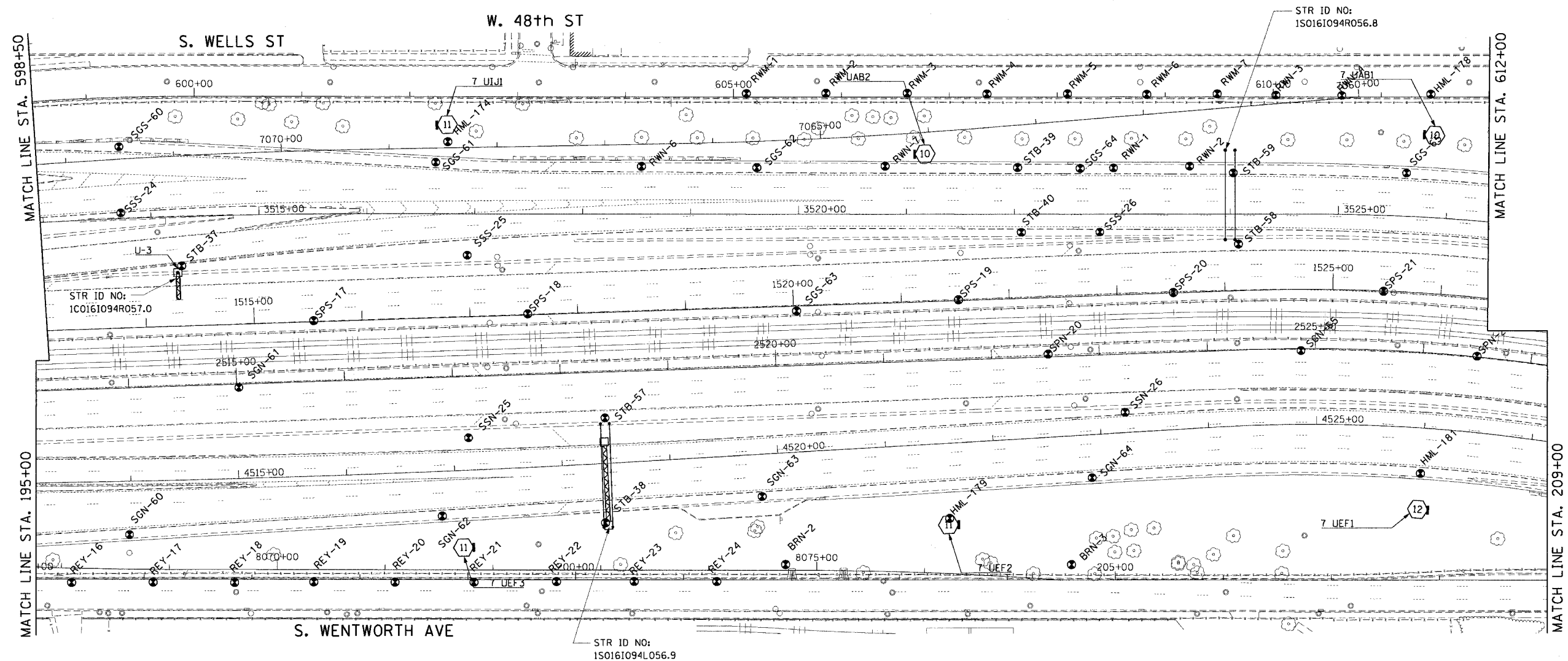
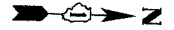
SOIL BORING LOCATIONS

SCALE: 1"=50'
DATE: September 16, 2005
DRAWN BY: PHP
CHECKED BY: JAL



9/18/2005 9:33:14 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	556	384L
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
• (1818, ETC, 2324.6-1)PR-8 62300				



LEGEND FOR BORINGS

- PROPOSED SIGN STRUCTURE
- HIGH MAST LIGHT POLE
- HML : HIGH MAST LIGHT POLE
- REO : RETAINING WALL, EAST SIDE, WALL-O
- REW : RETAINING WALL, EAST SIDE, WALL-W
- RWC : RETAINING WALL, WEST SIDE, WALL-C
- RWL : RETAINING WALL, WEST SIDE, WALL-L
- SIA : RETAINING WALL, INTERCHANGE, WALL IA
- SSN : STORM SEWER, NORTHBOUND
- SSS : STORM SEWER, SOUTHBOUND
- SSJ : STORM SEWER, JACKING
- STB : SIGN STRUCTURE
- SSB : BRIDGE
- SEW.SWW : BRIDGE
- SGN : SUBGRADE, NORTHBOUND
- SGS : SUBGRADE, SOUTHBOUND
- BRN : 47th ST. RAMP
- C : CORING

ADDED SHEET

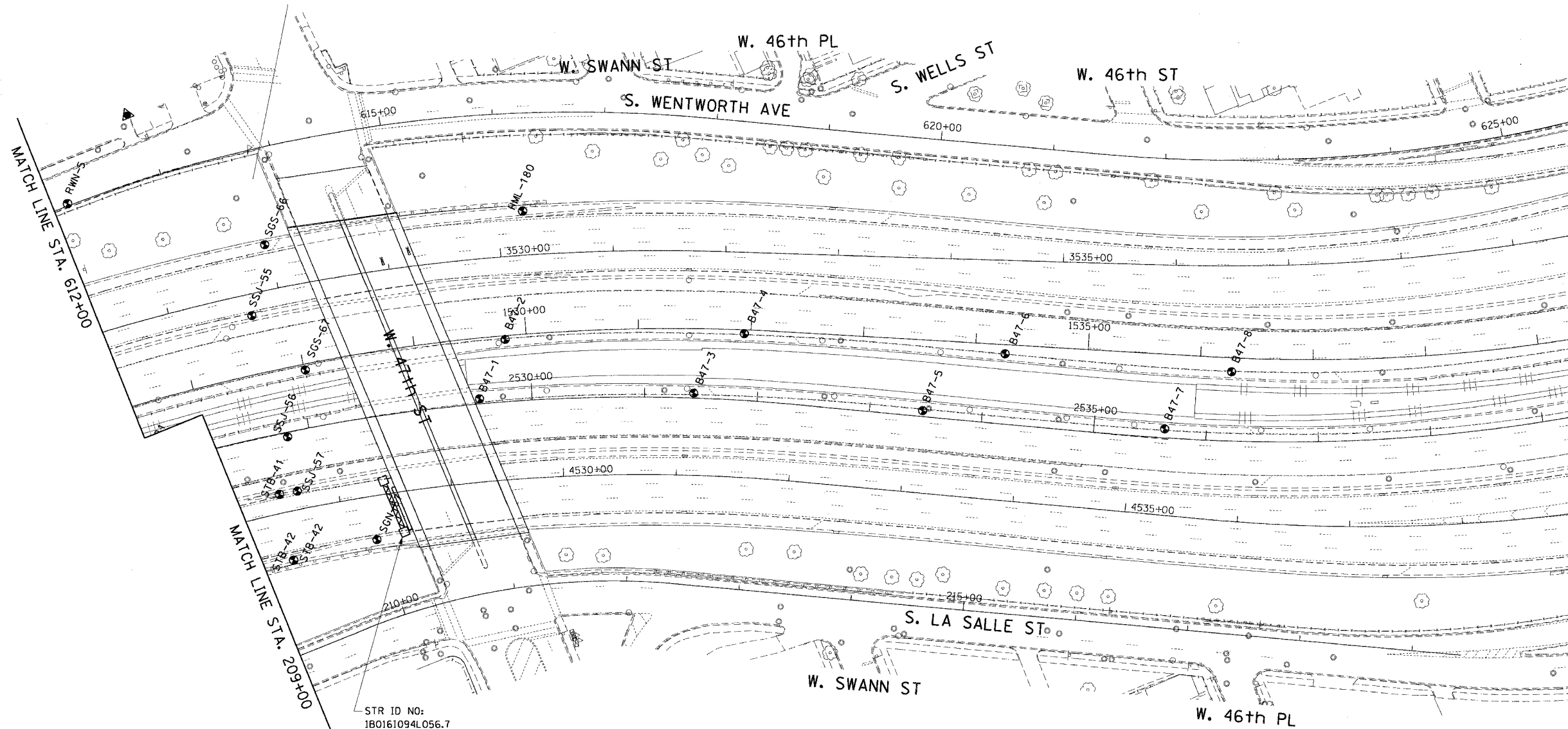


REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 71ST STREET TO 31ST STREET (NB EXPRESS LANES)
SOIL BORING LOCATIONS
 SCALE: 1"=50'
 DATE: September 16, 2005
 DRAWN BY: PHP
 CHECKED BY: JAL

9/18/2005 9:33:35 AM

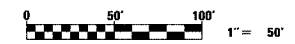
F.A.I. RTE. 90/94	SECTION	COUNTY COOK	TOTAL SHEETS 556	SHEET NO. 384M
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS				FED. AID PROJECT
• (1818, ETC, 2324.6-1PR-8				62300



LEGEND FOR BORINGS

- PROPOSED SIGN STRUCTURE
- HIGH MAST LIGHT POLE
- HML : HIGH MAST LIGHT POLE
- REO : RETAINING WALL, EAST SIDE, WALL-O
- REW : RETAINING WALL, EAST SIDE, WALL-W
- RWC : RETAINING WALL, WEST SIDE, WALL-C
- RWL : RETAINING WALL, WEST SIDE, WALL-L
- SIA : RETAINING WALL, INTERCHANGE, WALL IA
- SSN : STORM SEWER, NORTHBOUND
- SSS : STORM SEWER, SOUTHBOUND
- SSJ : STORM SEWER, JACKING
- STB : SIGN STRUCTURE
- SSB : BRIDGE
- SEW.SWW : BRIDGE
- SGN : SUBGRADE, NORTHBOUND
- SGS : SUBGRADE, SOUTHBOUND
- BRN : 47th ST. RAMP
- C : CORING

ADDED SHEET



REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

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

SOIL BORING LOCATIONS

SCALE: 1"=50'
DATE: September 16, 2005
DRAWN BY: PHP
CHECKED BY: JAL

9/18/2005 9:44:05 AM F:\P\40466\CIVIL\CONTRIS\SW_Boring_ChasB94013A.DWG

Soil Boring Log for SPN-81, Dan Ryan Expressway (I-91-419-80), Cook County, Illinois. Includes data for surface water, stream bed, groundwater, and soil layers (e.g., Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM).

Soil Boring Log for SPN-82, Dan Ryan Expressway (I-91-419-80), Cook County, Illinois. Includes data for surface water, stream bed, groundwater, and soil layers (e.g., Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM).

Soil Boring Log for SPN-83, Dan Ryan Expressway (I-91-419-80), Cook County, Illinois. Includes data for surface water, stream bed, groundwater, and soil layers (e.g., Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM).

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BBS, from 137 (Rev. 8-99)

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BBS, from 137 (Rev. 8-99)

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BBS, from 137 (Rev. 8-99)

Soil Boring Log for SPN-84, Dan Ryan Expressway (I-91-419-80), Cook County, Illinois. Includes data for surface water, stream bed, groundwater, and soil layers (e.g., Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM).

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BBS, from 137 (Rev. 8-99)

Soil Boring Log for SPN-85, Dan Ryan Expressway (I-91-419-80), Cook County, Illinois. Includes data for surface water, stream bed, groundwater, and soil layers (e.g., Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM).

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BBS, from 137 (Rev. 8-99)

Soil Boring Log for SPN-86, Dan Ryan Expressway (I-91-419-80), Cook County, Illinois. Includes data for surface water, stream bed, groundwater, and soil layers (e.g., Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM).

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BBS, from 137 (Rev. 8-99)

ADDED SHEET SB-01

CTE | AECOM

REVISIONS table with columns for NAME, DATE, and description of changes.

ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) 71ST STREET TO 31ST STREET (NB EXPRESS LANES) SOIL BORING LOGS

SCALE: NONE DRAWN BY: PHP DATE: September 16, 2005 CHECKED BY: JAL

9/25/08 AM 9/28/2005



Illinois Department of Transportation
Division of Highway Engineering, Inc.

SOIL BORING LOG

Page 1 of 1
Date 6/28/05

ROUTE	F.A.I. 90 / 1-94	DESCRIPTION	Dan Ryan Expressway (I-91-419-01)	LOGGED BY	R.P.
SECTION	LOCATION Chicago, Illinois				
COUNTY	Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic				
STRUCT. NO.	Station _____				
BORING NO.	SPN-07				
Station	2469+46.50				
Offset	8.91 ft LT				
Ground Surface Elev.	256 ft				
Surface Water Elev.	_____ ft				
Stream Bed Elev.	_____ ft				
Groundwater Elev. First Encounter	Dry ft _____				
Upon Completion After	_____ ft _____				
Ground Surface Elev.	_____ ft _____				
Asphalt, 8"	Concrete, 15"				
Gravel and Sub Base, some Clay FILL	Suff to Very Suff Gray CLAY				
Very Stiff Gray SILTY CLAY LOAM	Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highway Engineering, Inc.

SOIL BORING LOG

Page 1 of 1
Date 6/28/05

ROUTE	F.A.I. 90 / 1-94	DESCRIPTION	Dan Ryan Expressway (I-91-419-01)	LOGGED BY	R.P.
SECTION	LOCATION Chicago, Illinois				
COUNTY	Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic				
STRUCT. NO.	Station _____				
BORING NO.	SPN-08				
Station	2471+44.84				
Offset	8.32 ft LT				
Ground Surface Elev.	279 ft				
Surface Water Elev.	_____ ft				
Stream Bed Elev.	_____ ft				
Groundwater Elev. First Encounter	Dry ft _____				
Upon Completion After	_____ ft _____				
Ground Surface Elev.	_____ ft _____				
Asphalt, 7"	Concrete, 12"				
Gravel and Sub Base, some Clay FILL	Suff to Very Suff Gray CLAY				
Very Stiff Gray SILTY CLAY LOAM	Very Stiff to Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM (continued) Auger Refusal at 22 feet				
Very Stiff to Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	Very Stiff to Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highway Engineering, Inc.

SOIL BORING LOG

Page 1 of 1
Date 6/28/05

ROUTE	F.A.I. 90 / 1-94	DESCRIPTION	Dan Ryan Expressway (I-91-419-01)	LOGGED BY	R.P.
SECTION	LOCATION Chicago, Illinois				
COUNTY	Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic				
STRUCT. NO.	Station _____				
BORING NO.	SPN-09				
Station	2475+25.29				
Offset	2.28 ft LT				
Ground Surface Elev.	281 ft				
Surface Water Elev.	_____ ft				
Stream Bed Elev.	_____ ft				
Groundwater Elev. First Encounter	Dry ft _____				
Upon Completion After	_____ ft _____				
Ground Surface Elev.	_____ ft _____				
Asphalt, 9"	Concrete, 12"				
Gravel and Sub Base, some Clay FILL	Suff to Very Suff Gray CLAY				
Very Stiff to Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	Very Stiff to Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM				
Very Stiff to Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	Very Stiff to Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highway Engineering, Inc.

SOIL BORING LOG

Page 1 of 1
Date 6/29/05

ROUTE	F.A.I. 90 / 1-94	DESCRIPTION	Dan Ryan Expressway (I-91-419-01)	LOGGED BY	R.P.
SECTION	LOCATION Chicago, Illinois				
COUNTY	Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic				
STRUCT. NO.	Station _____				
BORING NO.	SPN-10				
Station	2483+99.29				
Offset	8.47 ft RT				
Ground Surface Elev.	8.83 ft				
Surface Water Elev.	_____ ft				
Stream Bed Elev.	_____ ft				
Groundwater Elev. First Encounter	Dry ft _____				
Upon Completion After	_____ ft _____				
Ground Surface Elev.	_____ ft _____				
Asphalt, 8"	Concrete, 9"				
Sub Base FILL	Suff to Very Suff Gray CLAY (continued)				
Medium Dense Brown, Coarse SAND	Loose to Medium Dense Gray SILTY				
Loose Gray SILT	Suff to Very Suff Gray CLAY				
Very Stiff Gray CLAY	Very Stiff Gray CLAY				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highway Engineering, Inc.

SOIL BORING LOG

Page 1 of 1
Date 6/29/05

ROUTE	F.A.I. 90 / 1-94	DESCRIPTION	Dan Ryan Expressway (I-91-419-01)	LOGGED BY	R.P.
SECTION	LOCATION Chicago, Illinois				
COUNTY	Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic				
STRUCT. NO.	Station _____				
BORING NO.	SPN-11				
Station	2485+97.78				
Offset	8.41 ft LT				
Ground Surface Elev.	18.51 ft				
Surface Water Elev.	_____ ft				
Stream Bed Elev.	_____ ft				
Groundwater Elev. First Encounter	Dry ft _____				
Upon Completion After	_____ ft _____				
Ground Surface Elev.	_____ ft _____				
Asphalt, 8"	Concrete, 10"				
Sub Base FILL	Dense Brown, Coarse SAND				
Loose to Medium Dense Gray SILT	Very Stiff Gray CLAY				
Very Stiff Gray CLAY	Very Stiff Gray SILTY CLAY LOAM				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highway Engineering, Inc.

SOIL BORING LOG

Page 1 of 1
Date 6/29/05

ROUTE	F.A.I. 90 / 1-94	DESCRIPTION	Dan Ryan Expressway (I-91-419-01)	LOGGED BY	R.P.
SECTION	LOCATION Chicago, Illinois				
COUNTY	Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic				
STRUCT. NO.	Station _____				
BORING NO.	SPN-12				
Station	2487+96.28				
Offset	8.38 ft LT				
Ground Surface Elev.	11.43 ft				
Surface Water Elev.	_____ ft				
Stream Bed Elev.	_____ ft				
Groundwater Elev. First Encounter	Dry ft _____				
Upon Completion After	_____ ft _____				
Ground Surface Elev.	_____ ft _____				
Asphalt, 9"	Concrete, 15"				
Sub Base FILL	Dense Brown, Coarse SAND, trace silt				
Loose to Medium Dense Gray SILT	Very Stiff / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM				
Very Stiff Gray CLAY	Very Stiff Gray SILTY CLAY LOAM				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) BBS, from 137 (Rev. 8-99)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	556	3840
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
		* (1818, ETC. 2324.6-1PR-8) 62300		

ADDED SHEET SB-02
CTE | AECOM

REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
71ST STREET TO 31ST STREET (NB EXPRESS LANES)
SOIL BORING LOGS

SCALE: NONE DRAWN BY: PHP
DATE: September 16, 2005 CHECKED BY: JAL

9/16/2005 9:25:46 AM



SOIL BORING LOG

Page 1 of 1
Date 1/24/05

ROUTE	F.A.I. 1-94 / 1-90		DESCRIPTION	Don Ryan Expressway (0-91-419-01)		LOGGED BY	BP
SECTION	Cook		LOCATION	Chicago, Illinois		COUNTY	Cook
DRILLING METHOD	Hollow Stem Auger		HAMMER TYPE	Automatic		STRUCT. NO.	47th Street
BORING NO.	B47-1		STATION	2529+53.61		OFFSET	-4.48ft (NBDR)
GROUND SURFACE ELEV.	-3.31		DEPTH	ft		SOIL	
ALPHA/B	-3.90		CONCRETE	-4.31		DEPTH	ft
SUB BASE (GRAVEL FILL)	-5.81		DEPTH	ft		SOIL	
HARD GRAY SILTY CLAY LOAM	-8.31		DEPTH	ft		SOIL	
VERY STIFF GRAY CLAY	-10.81		DEPTH	ft		SOIL	
HARD / VERY DENSE GRAY SILTY CLAY LOAM / SILTY LOAM	-13.31		DEPTH	ft		SOIL	
	-15.81		DEPTH	ft		SOIL	
	-18.31		DEPTH	ft		SOIL	
	-20.81		DEPTH	ft		SOIL	
	-23.31		DEPTH	ft		SOIL	
	-25.81		DEPTH	ft		SOIL	
	-28.31		DEPTH	ft		SOIL	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by @-Blows, S-Shear, P-Penetrometer. The SPT (N) value is the sum of the last two blow values in each sampling zone (MSD10 1286)

BBS, from 137 Rev. 8-99



SOIL BORING LOG

Page 1 of 1
Date 1/24/05

ROUTE	F.A.I. 1-94 / 1-90		DESCRIPTION	Don Ryan Expressway (0-91-419-01)		LOGGED BY	BP
SECTION	Cook		LOCATION	Chicago, Illinois		COUNTY	Cook
DRILLING METHOD	Hollow Stem Auger		HAMMER TYPE	Automatic		STRUCT. NO.	47th Street
BORING NO.	B47-3		STATION	2531+43.51		OFFSET	-4.48ft (NBDR)
GROUND SURFACE ELEV.	-0.70		DEPTH	ft		SOIL	
ALPHA/B	-1.30		CONCRETE	-1.70		DEPTH	ft
SUB BASE (GRAVEL FILL)	-2.20		DEPTH	ft		SOIL	
HARD GRAY SILTY CLAY LOAM	-4.70		DEPTH	ft		SOIL	
VERY STIFF GRAY CLAY	-7.20		DEPTH	ft		SOIL	
HARD / VERY DENSE GRAY SILTY CLAY LOAM / SILTY LOAM	-9.70		DEPTH	ft		SOIL	
	-12.20		DEPTH	ft		SOIL	
	-14.70		DEPTH	ft		SOIL	
	-17.20		DEPTH	ft		SOIL	
	-19.70		DEPTH	ft		SOIL	
	-22.20		DEPTH	ft		SOIL	
	-24.70		DEPTH	ft		SOIL	
	-27.20		DEPTH	ft		SOIL	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by @-Blows, S-Shear, P-Penetrometer. The SPT (N) value is the sum of the last two blow values in each sampling zone (MSD10 1286)

BBS, from 137 Rev. 8-99



SOIL BORING LOG

Page 1 of 1
Date 1/25/05

ROUTE	F.A.I. 1-94 / 1-90		DESCRIPTION	Don Ryan Expressway (0-91-419-01)		LOGGED BY	BP
SECTION	Cook		LOCATION	Chicago, Illinois		COUNTY	Cook
DRILLING METHOD	Hollow Stem Auger		HAMMER TYPE	Automatic		STRUCT. NO.	47th Street
BORING NO.	B47-5		STATION	2533+47.12		OFFSET	-5.23ft (NBDR)
GROUND SURFACE ELEV.	1.19		DEPTH	ft		SOIL	
ALPHA/B	0.69		CONCRETE	1.19		DEPTH	ft
SUB BASE (GRAVEL FILL)	-1.06		DEPTH	ft		SOIL	
MEDIUM DENSE BROWN SAND	-3.56		DEPTH	ft		SOIL	
VERY STIFF GRAY CLAY	-6.31		DEPTH	ft		SOIL	
HARD / DENSE GRAY SILTY CLAY LOAM / SILTY LOAM	-8.81		DEPTH	ft		SOIL	
	-11.31		DEPTH	ft		SOIL	
	-13.81		DEPTH	ft		SOIL	
	-16.31		DEPTH	ft		SOIL	
	-18.81		DEPTH	ft		SOIL	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by @-Blows, S-Shear, P-Penetrometer. The SPT (N) value is the sum of the last two blow values in each sampling zone (MSD10 1286)

BBS, from 137 Rev. 8-99



SOIL BORING LOG

Page 1 of 1
Date 1/25/05

ROUTE	F.A.I. 1-94 / 1-90		DESCRIPTION	Don Ryan Expressway (0-91-419-01)		LOGGED BY	BP
SECTION	Cook		LOCATION	Chicago, Illinois		COUNTY	Cook
DRILLING METHOD	Hollow Stem Auger		HAMMER TYPE	Automatic		STRUCT. NO.	47th Street
BORING NO.	B47-7		STATION	2535+62.87		OFFSET	-7.96ft (NBDR)
GROUND SURFACE ELEV.	3.15		DEPTH	ft		SOIL	
ALPHA/B	2.48		CONCRETE	2.15		DEPTH	ft
SUB BASE (GRAVEL FILL)	1.15		DEPTH	ft		SOIL	
MEDIUM DENSE BROWN TO GRAY SAND AND GRAVEL	-1.15		DEPTH	ft		SOIL	
6" SILT SAND	-3.35		DEPTH	ft		SOIL	
MEDIUM STIFF TO STIFF GRAY CLAY	-5.85		DEPTH	ft		SOIL	
HARD / DENSE GRAY SILTY CLAY LOAM / SILTY LOAM	-8.35		DEPTH	ft		SOIL	
	-10.85		DEPTH	ft		SOIL	
	-13.35		DEPTH	ft		SOIL	
	-15.85		DEPTH	ft		SOIL	
	-18.35		DEPTH	ft		SOIL	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by @-Blows, S-Shear, P-Penetrometer. The SPT (N) value is the sum of the last two blow values in each sampling zone (MSD10 1286)

BBS, from 137 Rev. 8-99



SOIL BORING LOG

Page 1 of 1
Date 1/25/05

ROUTE	F.A.I. 1-94 / 1-90		DESCRIPTION	Don Ryan Expressway (0-91-419-01)		LOGGED BY	BP
SECTION	Cook		LOCATION	Chicago, Illinois		COUNTY	Cook
DRILLING METHOD	Hollow Stem Auger		HAMMER TYPE	Automatic		STRUCT. NO.	35th Street
BORING NO.	B35-2		STATION	2611+24.14		OFFSET	2.08ft (NBDR)
GROUND SURFACE ELEV.	1.05		DEPTH	ft		SOIL	
ALPHA/B	0.63		CONCRETE	-0.28		DEPTH	ft
SUB BASE (GRAVEL FILL)	-1.78		DEPTH	ft		SOIL	
IMPROVED SUBGRADE FILL	-4.26		DEPTH	ft		SOIL	
SOFT TO MEDIUM STIFF GRAY CLAY	-6.45		DEPTH	ft		SOIL	
GRAY CLAY AND SAND FILL	-8.65		DEPTH	ft		SOIL	
MEDIUM STIFF GRAY CLAY	-10.85		DEPTH	ft		SOIL	
	-13.05		DEPTH	ft		SOIL	
	-15.25		DEPTH	ft		SOIL	
	-17.45		DEPTH	ft		SOIL	
	-19.65		DEPTH	ft		SOIL	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by @-Blows, S-Shear, P-Penetrometer. The SPT (N) value is the sum of the last two blow values in each sampling zone (MSD10 1286)

BBS, from 137 Rev. 8-99



SOIL BORING LOG

Page 1 of 1
Date 1/25/05

ROUTE	F.A.I. 1-94 / 1-90		DESCRIPTION	Don Ryan Expressway (0-91-419-01)		LOGGED BY	BP
SECTION	Cook		LOCATION	Chicago, Illinois		COUNTY	Cook
DRILLING METHOD	Hollow Stem Auger		HAMMER TYPE	Automatic		STRUCT. NO.	35th Street
BORING NO.	B35-4		STATION	2613+39.86		OFFSET	0.34ft (NBDR)
GROUND SURFACE ELEV.	2.66		DEPTH	ft		SOIL	
ALPHA/B	1.99		CONCRETE	1.66		DEPTH	ft
SUB BASE (GRAVEL FILL)	0.66		DEPTH	ft		SOIL	
IMPROVED SUBGRADE FILL	-1.54		DEPTH	ft		SOIL	
GRAY CLAY AND SAND FILL	-3.84		DEPTH	ft		SOIL	
MEDIUM STIFF GRAY CLAY	-6.14		DEPTH	ft		SOIL	
	-8.44		DEPTH	ft		SOIL	
	-10.74		DEPTH	ft		SOIL	
	-13.04		DEPTH	ft		SOIL	
	-15.34		DEPTH	ft		SOIL	
	-17.64		DEPTH	ft		SOIL	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by @-Blows, S-Shear, P-Penetrometer. The SPT (N) value is the sum of the last two blow values in each sampling zone (MSD10 1286)

BBS, from 137 Rev. 8-99

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	556	3841
STA.	TO STA.		FED. AID PROJECT	
11818, ETC. 2324.6-1P1R-8		62300		

ADDED SHEET SB-07
CTE | AECOM

REVISIONS	
NAME	DATE
ADDENDUM #2	9-16-05

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

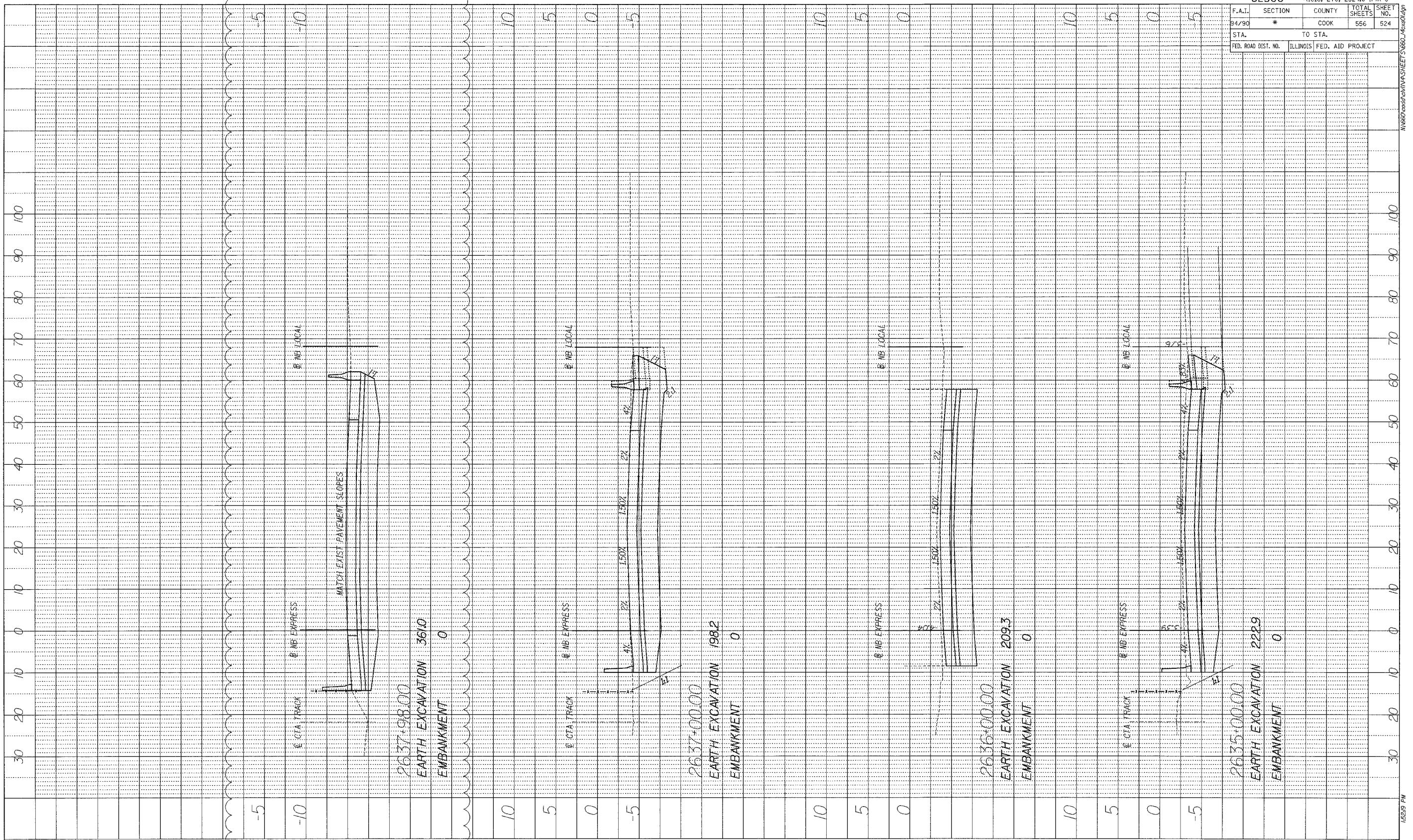
SCALE: NONE
DATE: September 16, 2005

DRAWN BY: LAM
CHECKED BY: JAL

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F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64/90 #	COOK	556	524
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

PROFILE	DATE
BY	
DESIGNED	
CHECKED	
NOTE BOOK	
NO.	



BOWMAN, BARRETT & ASSOCIATES INC
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
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ADDENDUM 1 8/12/05

ADDENDUM 2 9/16/05



STA.+.. TO STA.+..