

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		
62302	• (1818, ETC. 2324.6-1PIR-9			

GENERAL NOTES

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

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

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

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

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

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

6.

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

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

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

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

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

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

14. THE UNIT WEIGHT USED FOR ALL BITUMINOUS SURFACE MIXTURES IS 112 LB/50 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
420401-05	BRIDGE APPROACH PAVEMENT
420111-01	PCC PAVEMENT ROUNDOUTS
421001-01	BAR REINFORCEMENT FOR CONTINUOUSLY REINFORCED PCC PAVEMENT
421201-04	7.2M (24') CRC PAVEMENT (WITH LUG SYSTEM)
421206-04	10.8M (36') CRC PAVEMENT (WITH LUG SYSTEM)
483001-02	PCC SHOULDER
602001	CATCH BASIN, TYPE A
602101-01	DRAINAGE STRUCTURES, TYPES 1, 2, & 3
602301	INLET, TYPE A
602401	MANHOLE, TYPE A
602406-01	MANHOLE, TYPE A, 1800mm (72") DIAMETER
602601	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701	CAST IRON STEPS
604001-02	FRAME AND LID, TYPE 1
604071-02	FRAME AND GRATE, TYPE 20
604076-02	FRAME AND GRATE, TYPE 21
604081-02	FRAME AND GRATES, TYPE 22
630301-03	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-05	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
637001-02	CONCRETE BARRIER 815 MM (32 IN.) HEIGHT
664001-01	CHAIN LINK FENCE
701101-01	OFF-ROAD OPERATIONS, MULTILANE, LESS THAN 15' AWAY, FOR SPEEDS >= 45 MPH
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-03	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701411-03	LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS >= 45 MPH TO 55 MPH
701446	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
702001-05	TRAFFIC CONTROL DEVICES
704001-02	TEMPORARY CONCRETE BARRIER
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS (SIGNS, MARKERS AND DELINEATORS)
729001	APPLICATION OF TYPE A AND B POSTS
780001-01	TYPICAL PAVEMENT MARKINGS

PROJECT COMMITMENTS

IDOT HAS MADE THE FOLLOWING COMMITMENTS FOR THIS PROJECT:

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

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

GEN-1

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

SCALE: NONE
 DATE: 7/7/05

DRAWN BY: LPN
 CHECKED BY: PJM



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BOWMAN, BARRETT
 & ASSOCIATES
 SUITE 2650
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 CHICAGO, IL 60601

08/07/2005 10:23:43 AM

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN		90% FEDERAL / 10% STATE						
			TOTAL QUANTITY	ROADWAY J000-2A	RETAINING WALLS Y007	S.N. 016-2625 X928-2A	SIGNING Y002-1C	SAFETY SFTY-3N	LIGHTING Y030-1E	SURVEILLANCE Y032-1F	BRIDGE REPAIRS SFTY-2A
20200100	EARTH EXCAVATION	CU YD	155,251	155,251							
20700220	POROUS GRANULAR EMBANKMENT	CU YD	965		965						
20800150	TRENCH BACKFILL	CY YD	31,274	31,274							
20900410	SAND BACKFILL	CU YD	680	680							
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	228,820	228,820							
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,865	1,865							
21101630	TOPSOIL FURNISH AND PLACE, 8"	SQ YD	3,762	3,762							
21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	3,762	3,762							
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	1,518	1,518							
25000210	SEEDING, CLASS 2A	ACRE	1	1							
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	105	105							
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	105	105							
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	105	105							
25100115	MULCH, METHOD 2	ACRE	1	1							
25100630	EROSION CONTROL BLANKET	SQ YD	5,629	5,629							
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	117	117							
28000400	PERIMETER EROSION BARRIER	FOOT	975	975							
28000510	INLET FILTERS	EACH	221	221							
31101860	SUB-BASE GRANULAR MATERIAL, TYPE B 24"	SQ YD	62,191	62,191							
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	452			452					
42001300	PROTECTIVE COAT	SQ YD	231,107	231,107							
42100380	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14"	SQ YD	146,669	146,669							
42101448	LUG SYSTEM COMPLETE 48'	EACH	3	3							
44000013	BITUMINOUS SURFACE REMOVAL, 5"	SQ YD	143			143					
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	82			82					
44000100	PAVEMENT REMOVAL	SQ YD	161,041	161,041							
44000500	COMBINATION CURB AND GUTTER REMOVA	FOOT	6,313	6,313							
44000700	APPROACH SLAB REMOVAL	SQ YD	219			219					
44001980	CONCRETE BARRIER REMOVAL	FOOT	24,320	24,320							
44004250	PAVED SHOULDER REMOVAL	SQ YD	62,227	62,227							
44201423	CLASS C PATCHES, TYPE I, 16 INCH	SQ YD	25	25							
44201427	CLASS C PATCHES, TYPE II, 16 INCH	SQ YD	60	60							
44201431	CLASS C PATCHES, TYPE III, 16 INCH	SQ YD	50	50							
48202400	BITUMINOUS SHOULDERS SUPERPAVE 6"	SQ YD	36	36							

62302 *1818, ETC, 2324.6-1P/R-9

S.N. 016-0142
S.N. 016-1148

* - SPECIALTY ITEM

REVISIONS	
NAME	DATE

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

SCALE: NTS
DATE: 07/07/05

DRAWN BY: RA
CHECKED BY: JDC

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
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Rev. 8-31-05

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	598	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN		90% FEDERAL / 10% STATE		S.N. 016-0142 S.N. 016-1148				
			TOTAL QUANTITY	ROADWAY J000-2A	RETAINING WALLS Y007	S.N. 016-2625 X928-2A	SIGNING Y002-1C	SAFETY SFTY-3N	LIGHTING Y030-1E	SURVEILLANCE Y032-1F	BRIDGE REPAIRS SFTY-2A
50200100	STRUCTURE EXCAVATION	CU YD	3306	611	2,695						
50300225	CONCRETE STRUCTURES	CU YD	916	51	865						
50300255	CONCRETE SUPERSTRUCTURE	CU YD	990.8	792.6	86	112.2					
50300260	BRIDGE DECK GROOVING	SQ YD	212		212						
50300300	PROTECTIVE COAT	SQ YD	5001	3098	1,570	265					68
50301245	FORMED CONCRETE REPAIR (DEPTH EQUAL TO OR LESS THAN 5")	SQ FT	655								655
50301250	FORMED CONCRETE REPAIR (DEPTH GREATER THAN 5")	SQ FT	40								40
* 50700209	UNTREATED TIMBER LAGGING	SQ FT	13,827	13,827							
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	186,068	54,708	109,910	21,450					
55100300	STORM SEWER REMOVAL 8"	FOOT	692	692							
55100400	STORM SEWER REMOVAL 10"	FOOT	6,619	6,619							
55100500	STORM SEWER REMOVAL 12"	FOOT	4,957	4,957							
55100700	STORM SEWER REMOVAL 15"	FOOT	3210	3210							
55100900	STORM SEWER REMOVAL 18"	FOOT	4,072	4,072							
55101100	STORM SEWER REMOVAL 21"	FOOT	613	613							
55101200	STORM SEWER REMOVAL 24"	FOOT	3,683	3,683							
55101300	STORM SEWER REMOVAL 27"	FOOT	685	685							
55101400	STORM SEWER REMOVAL 30"	FOOT	1,199	1,199							
55101600	STORM SEWER REMOVAL 36"	FOOT	333	333							
55101800	STORM SEWER REMOVAL 42"	FOOT	57	57							
59000100	EPOXY CRACK SEALING	FOOT	124								124
60107700	PIPE UNDERDRAINS 6"	FOOT	51,849	51,849							
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	636	636							
60109000	PIPE UNDERDRAINS, PERFORATED CORRUGATED STEEL PIPE 12"	FOOT	403	403							
60109582	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	1,100		1,100						
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	23	23							
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2							
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	268	268							
60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1							
60205010	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	2	2							
60208210	CATCH BASINS, TYPE C, TYPE 20 FRAME AND GRATE	EACH	6	6							
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	46	46							
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	153	153							
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6							

* - SPECIALTY 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
SB EXPRESS LANE RECONSTRUCTION
SUMMARY OF QUANTITIES
SCHEDULE

SCALE: NTS
DATE: 07/07/05

DRAWN BY: RA
CHECKED BY: JDC

Rev. 8-31-05

S00-02

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SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN		90% FEDERAL / 10% STATE							
			TOTAL QUANTITY	ROADWAY J000-2A	RETAINING WALLS Y007	S.N. 016-2625 X928-2A	SIGNING Y002-1C	SAFETY SFTY-3N	LIGHTING Y030-1E	SURVEILLANCE Y032-1F	BRIDGE REPAIRS SFTY-2A	
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	1	1								
60240324	INLETS, TYPE B, TYPE 20 FRAME AND GRATE	EACH	35	35								
60248000	JUNCTION CHAMBER NO. 1	EACH	1	1								
60248100	JUNCTION CHAMBER NO. 2	EACH	1	1								
60248200	JUNCTION CHAMBER NO. 3	EACH	1	1								
60248300	JUNCTION CHAMBER NO. 4	EACH	1	1								
60248400	JUNCTION CHAMBER NO. 5	EACH	1	1								
60248500	JUNCTION CHAMBER NO. 6	EACH	1	1								
60248600	JUNCTION CHAMBER NO. 7	EACH	1	1								
60248610	JUNCTION CHAMBER NO. 8	EACH	1	1								
60248620	JUNCTION CHAMBER NO. 9	EACH	1	1								
60248630	JUNCTION CHAMBER NO. 10	EACH	1	1								
60248640	JUNCTION CHAMBER NO. 11	EACH	1	1								
60248650	JUNCTION CHAMBER NO. 12	EACH	1	1								
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	35	35								
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	35	35								
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	64	64								
60500040	REMOVING MANHOLES	EACH	192	192								
60500050	REMOVING CATCH BASINS	EACH	276	276								
60500060	REMOVING INLETS	EACH	53	53								
60500105	FILLING MANHOLES	EACH	36	36								
60500205	FILLING CATCH BASINS	EACH	29	29								
60618324	CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)	SQ FT	20,342	20,342								
* 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	1374	1374								
• 66400560	CHAIN LINK FENCE, 6' (SPECIAL)	FOOT	24,264	24,264								
• 66402900	CHAIN LINK GATES, 6' X 6' SINGLE	EACH	24	24								
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	10	10								
67100100	MOBILIZATION	L SUM	1	1								
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	32,439	32,439								
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	255	255								
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	109,139	109,139								
70300530	PAVEMENT MARKING TAPE, TYPE III 5"	FOOT	16,776	16,776								
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	10,678	10,678								
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1								
66900525	PRIORITY POLLUTANT - TCLP SOIL ANALYSIS	EACH	2	2								
66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2								

62302 *1818, ETC, 2324.6-IPR-9

S.N. 016-0142
S.N. 016-1148

S00-03

REVISIONS	
NAME	DATE

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

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

Rev. B-31-05

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
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*SPECIALTY ITEM

6/29/2005 5:37:02 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62302 • (1818, ETC, 2324.6-1P1R-9

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN		90% FEDERAL / 10% STATE							
			TOTAL QUANTITY	ROADWAY J000-2A	RETAINING WALLS Y007	S.N. 016-2625 X928-2A	SIGNING Y002-1C	SAFETY SFTY-3N	LIGHTING Y030-1E	SURVEILLANCE Y032-1F	BRIDGE REPAIRS SFTY-2A	
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	17,324	17,324								
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	3,916	3,916								
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	58,401	58,401								
70400100	TEMPORARY CONCRETE BARRIER	FOOT	19,713	19,713								
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	27,405	27,405								
72000100	SIGN PANEL - TYPE 1	SQ FT	12					12				
72000200	SIGN PANEL - TYPE 2	SQ FT	891					891				
72000300	SIGN PANEL - TYPE 3	SQ FT	2,342					2,342				
72100100	SIGN PANEL OVERLAY	SQ FT	3					3				
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	64					64				
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	1,364					1,364				
72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	948					948				
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	3,150					3,150				
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	88					88				
73000100	WOOD SIGN SUPPORT	FOOT	1,070					1,070				
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	217					217				
73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	137					137				
73302210	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")	FOOT	62					62				
73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	84					84				
73305000	OVERHEAD SIGN STRUCTURE WALKWAY	FOOT	297					297				
73400100	CONCRETE FOUNDATIONS	CU YD	10	10								
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	223	223								
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	9					9				
73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	2					2				
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	18					18				
78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	254	254								
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	104,855	104,855								
78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	27,987	27,987								
78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	20,967	20,967								
78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	5,511	5,511								
78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	1661	1661								
78200530	BARRIER WALL MARKERS, TYPE C	EACH	445	445								
78201000	TERMINAL MARKER, DIRECT APPLIED	EACH	1	1								
78300100	PAVEMENT MARKING REMOVAL	SQ FT	29,997	29,997								

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- SPECIALTY 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
SB EXPRESS LANE RECONSTRUCTION
SUMMARY OF QUANTITIES
SCHEDULE

SCALE: NTS
DATE: 07/07/05
DRAWN BY: RA
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Rev. 8-31-05

S00-04

11/6/00 08:00 AM (15) SHEET 5 OF 8 15/0000491

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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN		90% FEDERAL / 10% STATE						S.N. 016-0142
			TOTAL QUANTITY	ROADWAY J000-2A	RETAINING WALLS Y007	S.N. 016-2625 X928-2A	SIGNING Y002-1C	SAFETY SFTY-3N	LIGHTING Y030-1E	SURVEILLANCE Y032-1F	BRIDGE REPAIRS SFTY-2A
80700140	GROUND ROD, 5/8" DIA. X 10FT	EACH	1							1	
80800525	TEMPORARY WOOD POLE 60 FT., CLASS 4 15 FT. MA	EACH	5							5	
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	953							953	
81200270	CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	775							775	
81302630	JUNCTION BOX, NON METALLIC, EMBEDDED IN STRUCTURE, 21"X11"X8"	EACH	1							1	
81400200	HEAVY-DUTY HANDHOLE	EACH	18							18	
81400205	HEAVY-DUTY HANDHOLE (SPECIAL)	EACH	2							2	
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	948							50	898
81800700	AERIAL CABLE 3 1/C #2 ALUMINUM WITH MESSENGER WIRE	FOOT	700							700	
84100110	REMOVAL OF TEMPORARY LIGHTING UNITS	EACH	5							5	
* 84200800	POLE FOUNDATION, REMOVED	EACH	134	134							
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	4897	4897							
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	1050	1050							
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	37	37							
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	202	202							
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	9	9							
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	4753	4753							
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	907	907							
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	2,126	2,126							
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	2835	2835							
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1487	1487							
550A0420	STORM SEWERS, CLASS A, TYPE 2 27"	FOOT	2069	2069							
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	2698	2698							
550A0440	STORM SEWERS, CLASS A, TYPE 2 33"	FOOT	606	606							
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	4527	4527							
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	1,623	1,623							
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	164	164							
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	37	37							
550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	292	292							
550A0700	STORM SEWERS, CLASS A, TYPE 3 21"	FOOT	321	321							
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	357	357							
550A0730	STORM SEWERS, CLASS A, TYPE 3 30"	FOOT	238	238							
550A0740	STORM SEWERS, CLASS A, TYPE 3 33"	FOOT	120	120							
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	58	58							

* - SPECIALTY ITEM

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

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SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN		90% FEDERAL / 10% STATE							
			TOTAL QUANTITY	ROADWAY J000-2A	RETAINING WALLS Y007	S.N. 016-2625 X928-2A	SIGNING Y002-1C	SAFETY SFTY-3N	LIGHTING Y030-1E	SURVEILLANCE Y032-1F	BRIDGE REPAIRS SFTY-2A	
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	486	486								
550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	26	26								
552A1300	STORM SEWERS JACKED IN PLACE, CLASS A 36"	FOOT	85	85								
552A1500	STORM SEWERS JACKED IN PLACE, CLASS A 42"	FOOT	259	259								
552A1600	STORM SEWERS JACKED IN PLACE, CLASS A 48"	FOOT	161	161								
X0320870	BRACED EXCAVATION	CU YD	5,499	5,499								
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	957	957								
X0323221	PLUG AND ABANDON EXISTING PIPE	CU YD	341	341								
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	222	222								
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	51,203	51,203								
X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	37,649	37,649								
X0324112	BARRIER BASE	FOOT	28,985	28,985								
X0324431	TEMPORARY SOIL RETENTION SYSTEM (TO REMAIN IN PLACE)	SQ FT	16,000		16,000							
X0324697	SOIL STABILIZERS	POUND	163,129	163,129								
X0324698	APPLY DUST SUPPRESSION AGENTS	UNIT	95	95								
X4210400	LUG SYSTEM REMOVAL	EACH	2	2								
X4834090	PORTLAND CEMENT CONCRETE SHOULDERS - 14"	SQ YD	58,371	58,371								
* X5120905	FURNISHING SOLDIER PILES W 12X72	FOOT	1520	1520								
* X5120907	FURNISHING SOLDIER PILES W 12X120	FOOT	9180	9180								
* X5120953	FURNISHING SOLDIER PILES W 24X106	FOOT	5120	5120								
X6020166	DRAINAGE STRUCTURES, TYPE 1 SPECIAL WITH TWO TYPE 20 FRAMES AND GRATES	EACH	53	53								
X6020167	DRAINAGE STRUCTURES, TYPE 2 SPECIAL WITH TWO TYPE 22 FRAMES AND GRATES	EACH	4	4								
X6063600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	674	674								
X6370910	CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT	FOOT	2,672	2,672								
X6370925	CONCRETE BARRIER, SINGLE FACE, 42" (SPECIAL)	FOOT	21,311	21,311								
X6370930	CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT	FOOT	2,677	2,677								
X6370935	CONCRETE BARRIER, SINGLE FACE, 32" (MODIFIED)	FOOT	815	815								
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1								
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	270	270								
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	55	55								
X7040600	FURNISH TEMPORARY CONCRETE BARRIER	FOOT	15,863	15,863								
* X7330110	OVERHEAD SIGN STRUCTURE WALKWAY, CANTILEVER, TYPE A	FOOT	46				46					
* X8160380	UNIT DUCT, W 3-1/2 NO.2 AND 1/2 NO.4 GRND, 600V (EPR-TYPE RHW), 1 1/4" DIA., POLYETHYLENE	FOOT	825						825			
XX001854	STABILIZED SUB-BASE 6"	SQ YD	215,848	215,848								

□ - NON-PARTICIPATING
 * - SPECIALTY ITEM

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

SCALE: NTS
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SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN		90% FEDERAL / 10% STATE							
			TOTAL QUANTITY	ROADWAY J000-2A	RETAINING WALLS Y007	S.N. 016-2625 X928-2A	SIGNING Y002-1C	SAFETY SFTY-3N	LIGHTING Y030-1E	SURVEILLANCE Y032-1F	BRIDGE REPAIRS SFTY-2A	
XX004201	PAVEMENT REINFORCEMENT 14"	SQ YD	146,672	146,672								
XX004812	VIDEO TAPING OF SEWERS	FOOT	713	713								
XX005489	STEEL CASING 48"	FOOT	85	85								
Z0026430	STEEL CASING 60"	FOOT	259	259								
Z0068426	STEEL CASING 66"	FOOT	120	120								
Z0002600	BAR SPLICERS	EACH	277	20		257						
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1								
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	42	42								
Z0018800	DRAINAGE SYSTEM	L SUM	1	1								
Z0018900	DRILL AND GROUT DOWEL BARS	EACH	6,494	6,494								
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	6					6				
Z0030070	IMPACT ATTENUATORS (SEVERE USE, NARROW) TEST LEVEL 3	EACH	2					2				
Z0030150	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1					1				
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	5					5				
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	494	494								
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.8							0.2	
Z0076600	TRAINEES	HOUR										
X8100042	CONDUIT ENCASED, CONCRETE, 3" DIA., PVC	FOOT	777								777	
X0325080	VIDEO TAPING OF MWRD CULVERT	FOOT	245			245						
X4810100	TEMPORARY SHOULDERS	SQ YD	7713	7713								
X0325081	CONCRETE SLAB HYDRO-DEMOLITION	SQ YD	237			237						
X6370927	CONCRETE BARRIER SINGLE FACE 72" (SPECIAL)	FOOT	166	166								
X0325082	CTA BARRIER REMOVAL	FOOT	22,239	22,239								
X0325083	CTA FENCE	FOOT	21,805	21,718		87						
X0325084	CTA GATES	EACH	24	24								
X0325085	TEMPORARY PAVEMENT (INTERSTATE)	SQ YD	10,717	10,717								
X7011008	TRAFFIC CONTROL AND PROTECTION FOR ALTERNATE ROUTE SIGNING	L.M.M.D.	10	10								
X0325086	TEMPORARY CTA BALLAST RETENTION	L SUM	1			1						
X7330105	OVERHEAD SIGN STRUCTURE WALKWAY TYPE A	FOOT	56					56				
X6950610	REMOVE AND RELOCATE EXISTING LIGHTING UNIT	EACH	5							5		
X8210015	TEMPORARY LUMINAIRE, 400 WATT HPSV	EACH	5							5		
X2020300	EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL	CU YD	56,192	56,192								
31101810	SUB-BASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	163,733	163,733								
B1000800	CONDUIT IN TRENCH, 3" DIA. GALVANIZED STEEL	FOOT	15							15		
B3600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	65							65		
50102400	CONCRETE REMOVAL	CU YD	3.6	3.6								

@-1000
 * - SPECIALTY ITEM
 □ - NON-PARTICIPATING

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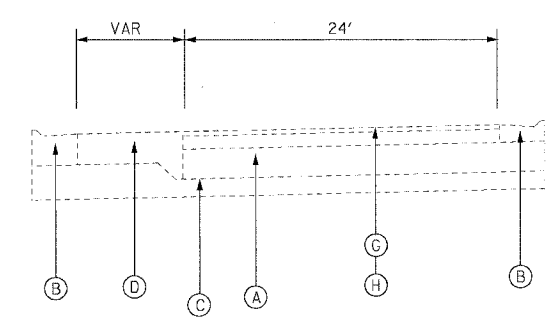
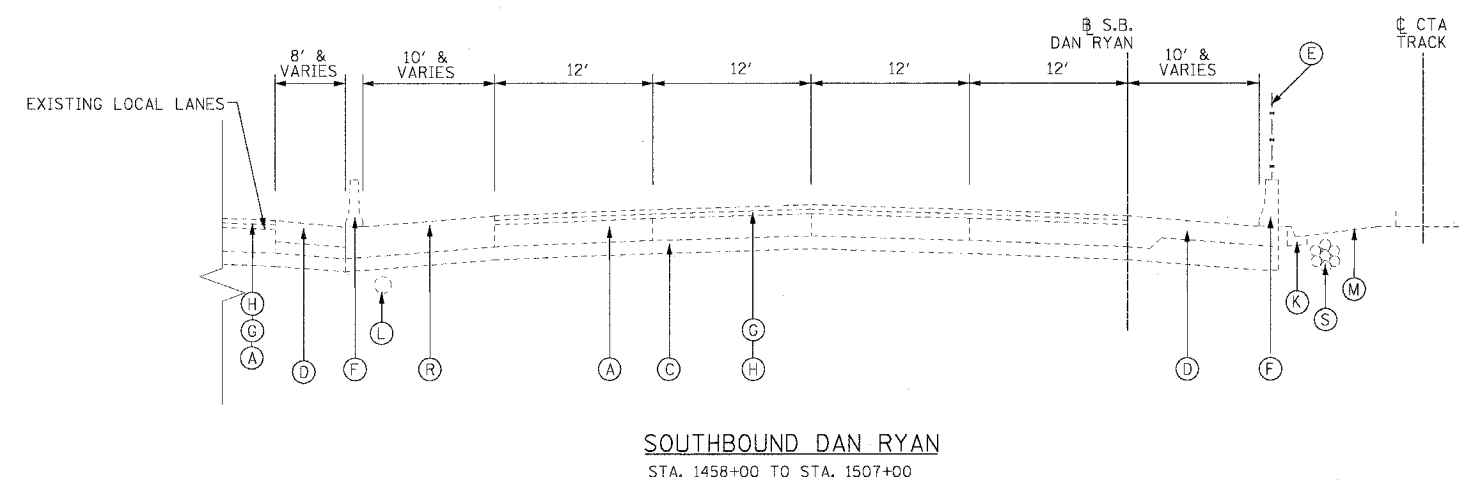
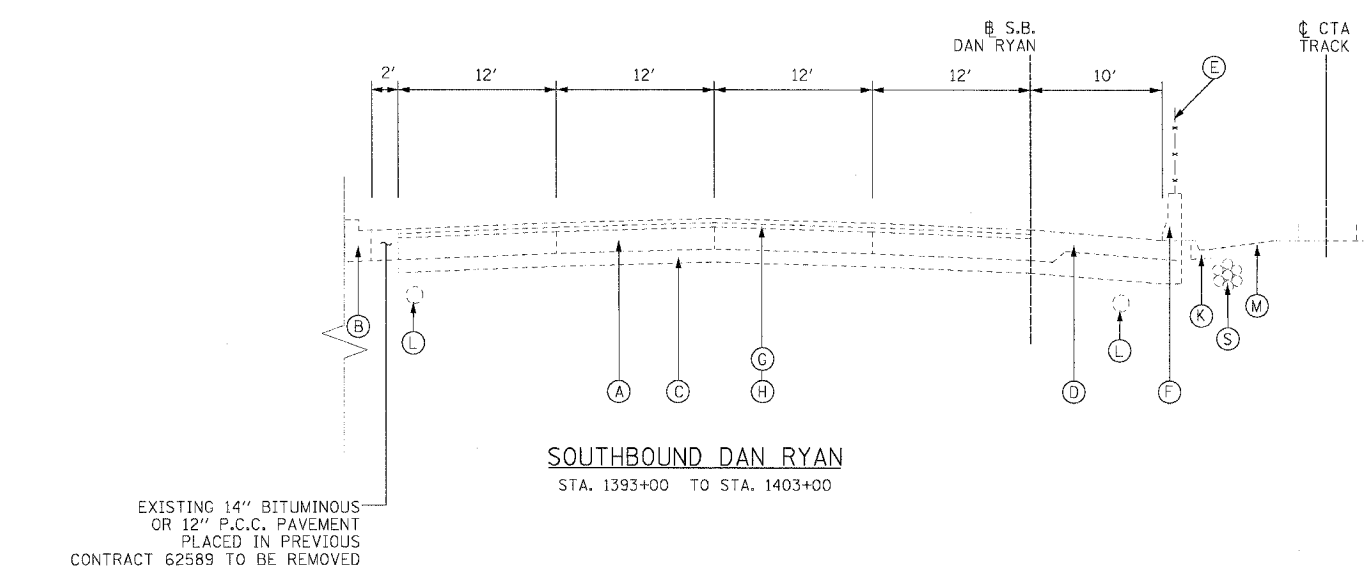
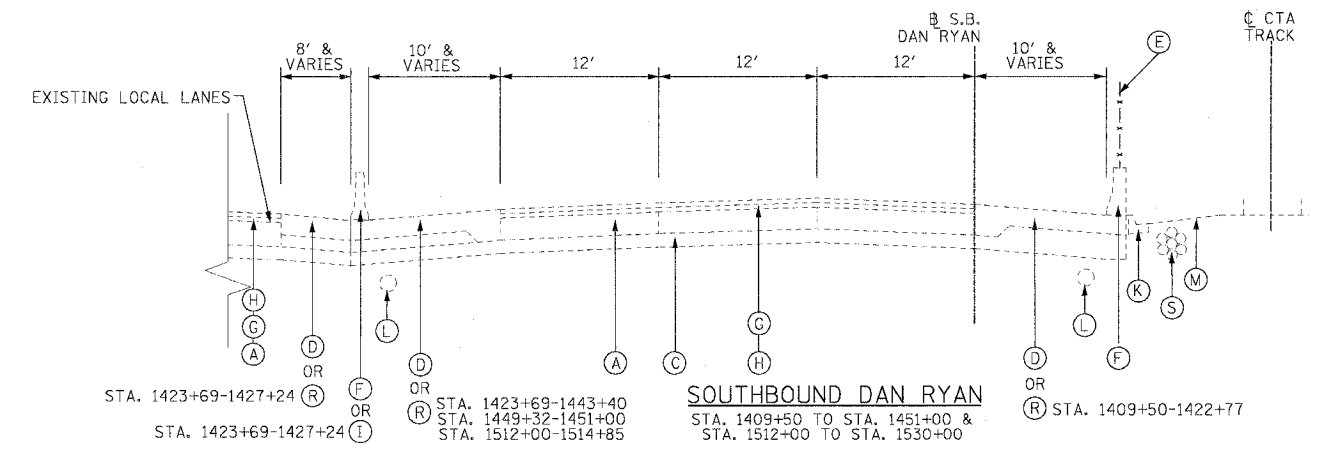
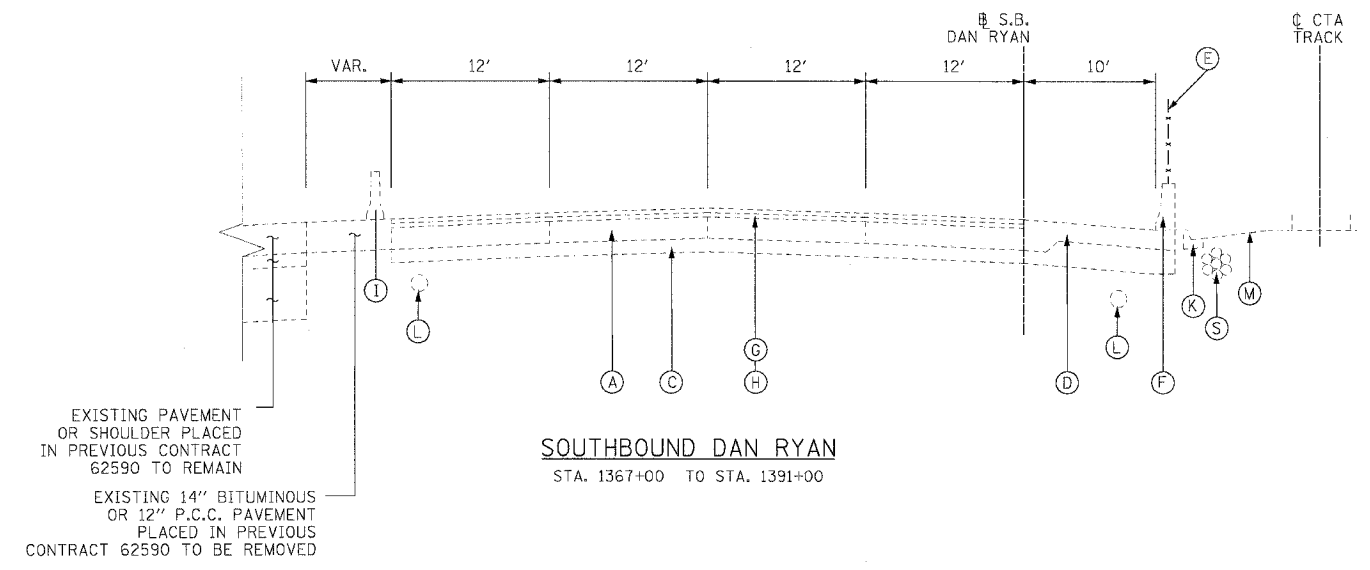
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REVISIONS	
NAME	DATE

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 ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 SUMMARY OF QUANTITIES
 SCHEDULE
 SCALE: NTS
 DATE: 07/07/05
 DRAWN BY: RA
 CHECKED BY: JDC

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	12
STA.		TO STA.		
62302		ILLINOIS FED. AID PROJECT		
1818, ETC, 2324.6-1P/R-9				



EXISTING CONDITIONS LEGEND

- (A) P.C.C. PAVEMENT 10" OR C.R.C. PAVEMENT 8" (SEE NOTE 1)
- (B) COMBINATION CONCRETE CURB AND GUTTER
- (C) GRANULAR SUB-BASE 6"
- (D) P.C.C. SHOULDER 9"
- (E) CHAIN LINK FENCE
- (F) CONCRETE BARRIER
- (G) BITUMINOUS CONCRETE SURFACE COURSE, 1 1/2"
- (H) BITUMINOUS CONCRETE BINDER COURSE, 4 3/4"
- (I) TEMPORARY CONCRETE BARRIER
- (J) C.R.C. PAVEMENT 8"
- (K) TYPE 34 CURB AND GUTTER
- (L) PIPE UNDERDRAINS 8"
- (M) C.T.A. BALLAST
- (N) BITUMINOUS CONCRETE SURFACE COURSE 1 3/4"
- (O) BITUMINOUS CONCRETE SURFACE COURSE 2 1/4"
- (P) BITUMINOUS CONCRETE SURFACE COURSE 3 1/2"
- (Q) 4" STABILIZED SHOULDER B.A.M.
- (R) BITUMINOUS CONCRETE SURFACE COURSE 1 3/4"; BITUMINOUS CONCRETE BASE COURSE 12 1/4"
- (S) C.T.A. FIBER OPTIC DUCT
- (T) C.R.C. PAVEMENT 13"
- (U) 4" STABILIZED SUB-BASE B.A.M.
- (V) PORTLAND CEMENT CONCRETE SHOULDERS 13"

NOTE:

1. P.C.C. PAVEMENT 10" STA. 1367+00 TO 1423+00
C.R.C. PAVEMENT 8" STA 1423+00 TO STA 1530+00

2. THICKNESS OF EXISTING PAVEMENT AND SUB BASES ARE TAKEN FROM AS-BUILT PLANS.

3. REMOVAL OF TYPE 34 COMBINATION CONCRETE CURB AND GUTTER SHALL BE PERFORMED AS REQUIRED. THIS REMOVAL WILL BE INCLUDED IN THE COST OF C.T.A. BARRIER REMOVAL AND WILL NOT BE PAID FOR SEPARATELY.

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

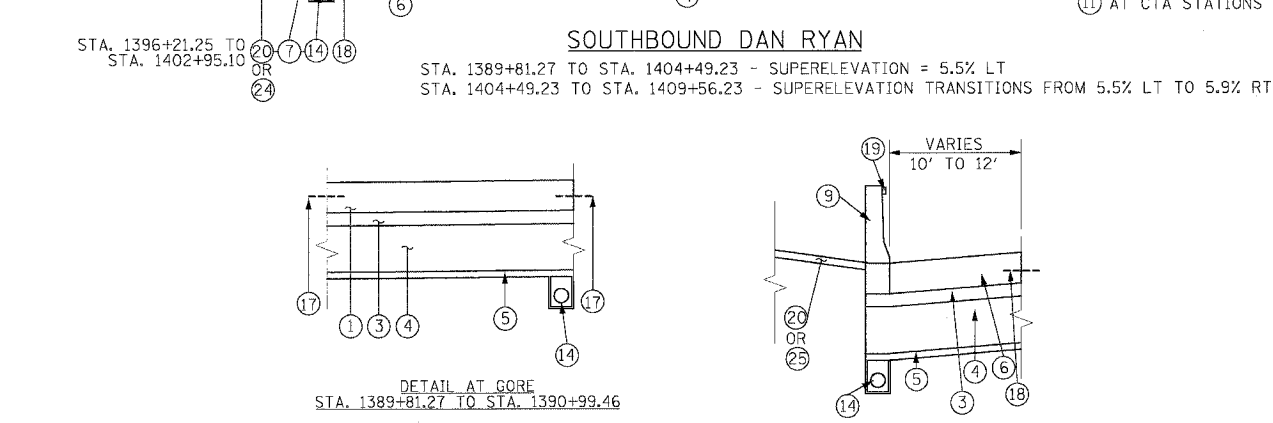
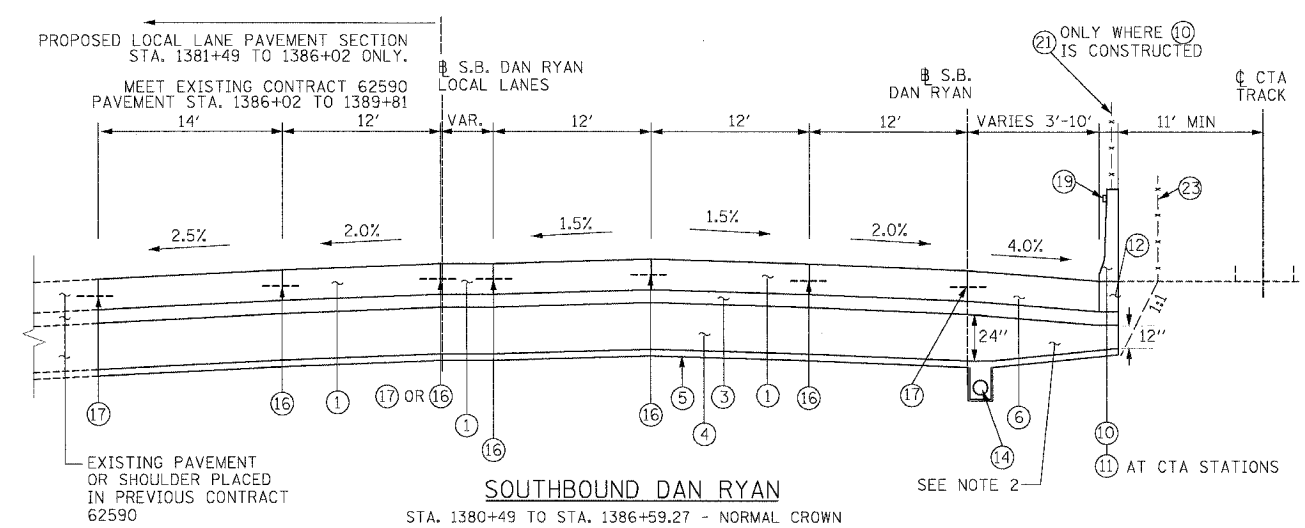
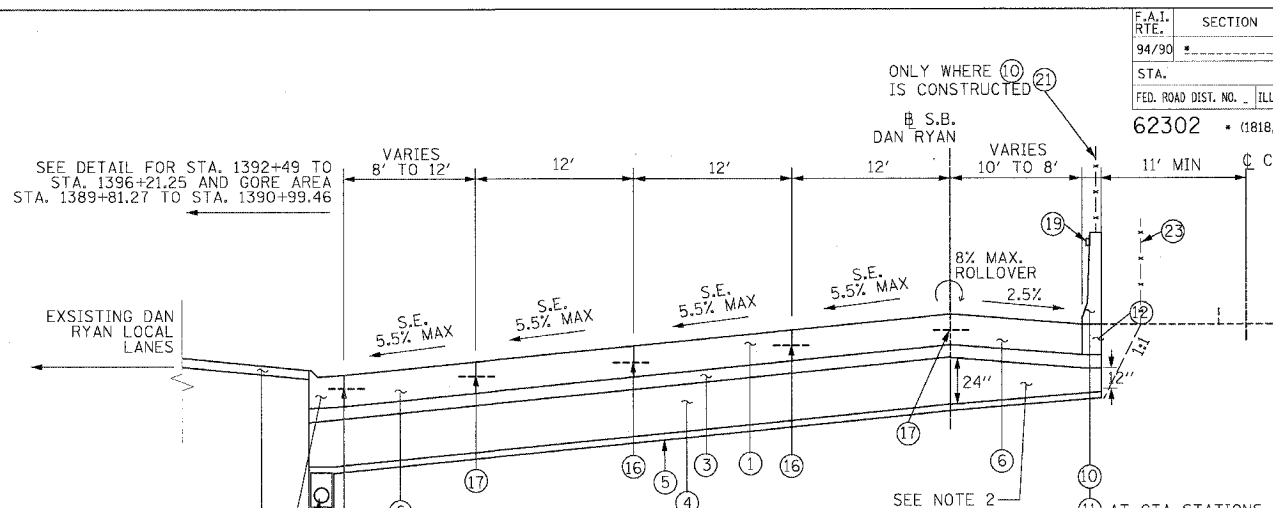
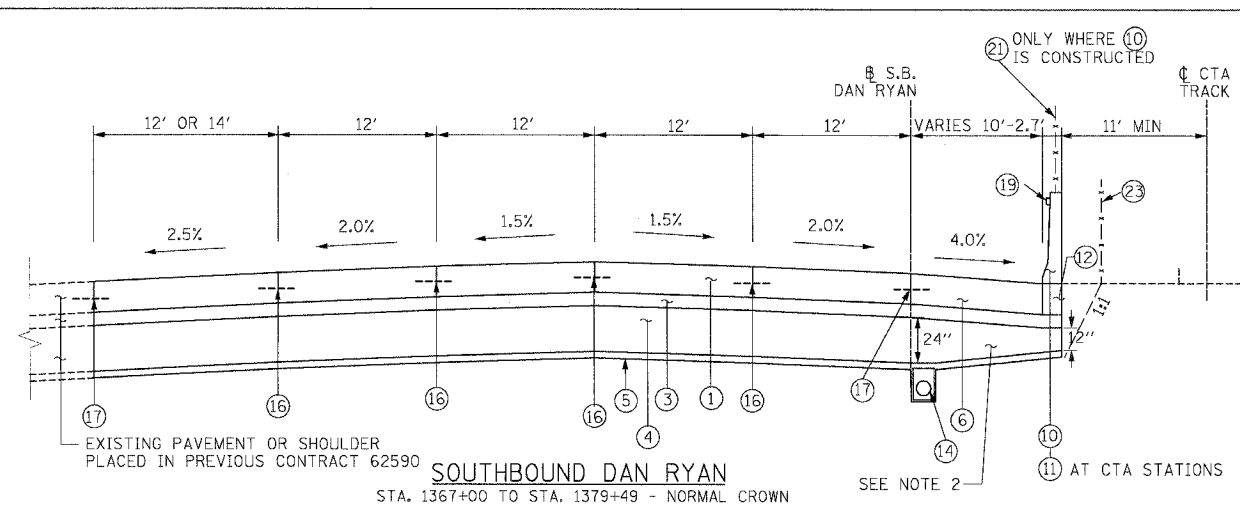
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	14
STA.	TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
62302	1818, ETC, 2324.6-1P/R-9			



BITUMINOUS MIXTURE REQUIREMENTS

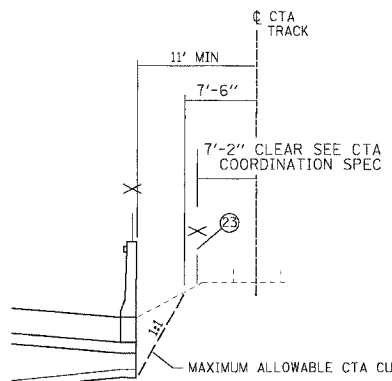
LEGEND	PAY ITEM	MIX	AC TYPE	VOIDS	RAP %
3	STABILIZED SUB-BASE 6"	SUPERPAVE IL-19.0, N50 (6" DEPTH)	PG 58-22	3% @ 50 GYR	25%
15	TEMPORARY PAVEMENT (INTERSTATE)**	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N105 (1 1/4" DEPTH)	SBS 70-22	4% @ 105 GYR	0%
15	TEMPORARY PAVEMENT (INTERSTATE)**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

PROPOSED LEGEND

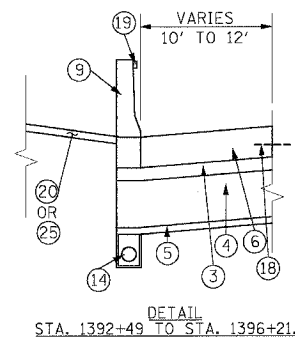
- 1 CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- 2 EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL
- 3 STABILIZED SUB-BASE - 6"
- 4 SUB-BASE GRANULAR MATERIAL, TYPE B - 24"
- 5 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 6 PORTLAND CEMENT CONCRETE SHOULDERS 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"

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CTA RESTRICTIONS
(TYPICAL FOR ENTIRE PROJECT)

- 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'



CONCRETE BARRIER WALL MARKING AT DRAINAGE STRUCTURE

PLACE AT ALL PROPOSED DRAINAGE STRUCTURES

STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV= 125,272	SU= 10,930 MU= 31,949
ROAD/STREET CLASSIFICATION:	CLASS 1
P= 8%	S= 37% M= 37%
TRAFFIC FACTOR:	ACTUAL TF= 264.46 AC TYPE= N/A
	MINIMUM TF= 12.39
AC GRADE:	BINDER= - SURFACE= -
SUBGRADE SUPPORT RATING:	SR= 2.00

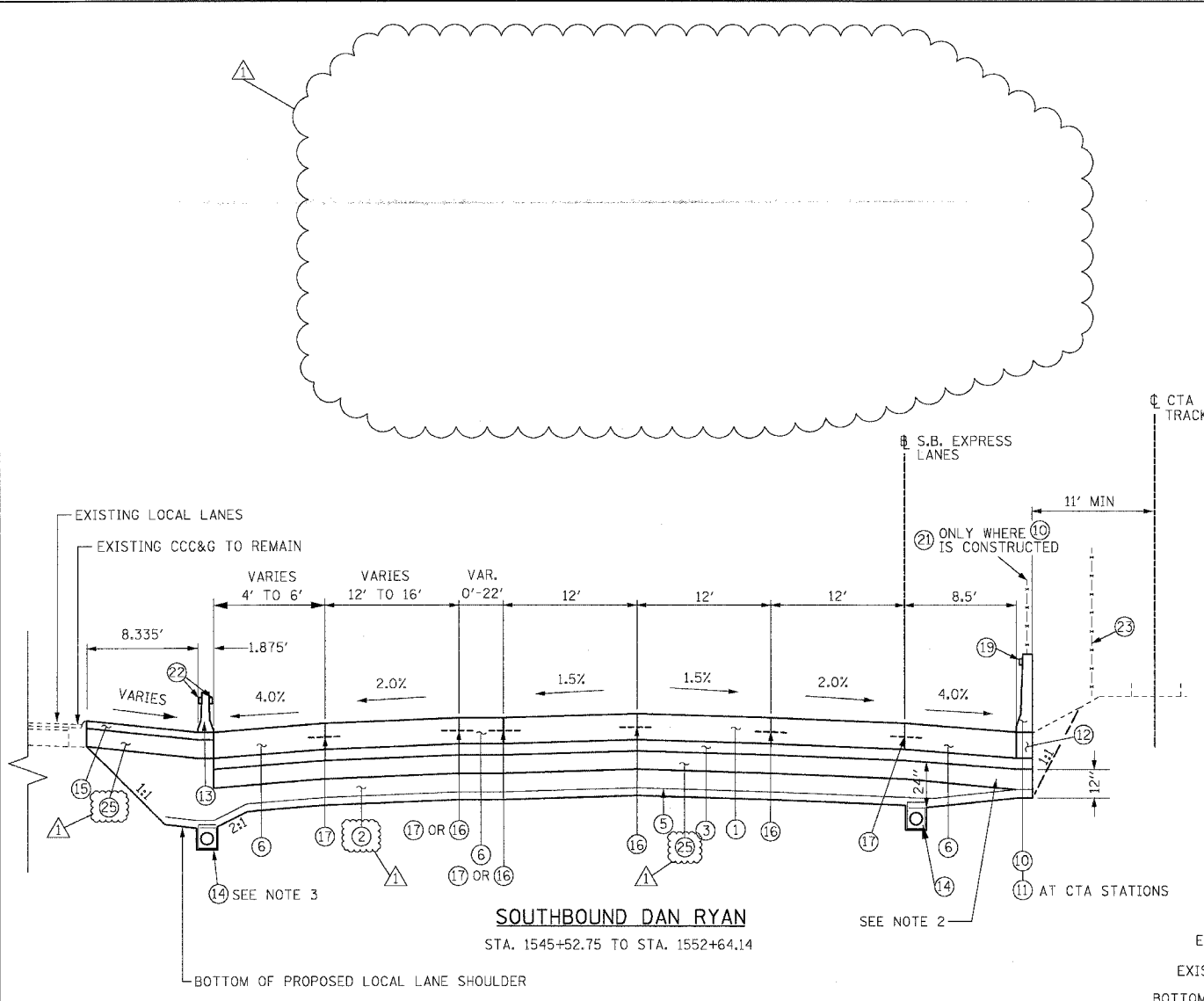
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

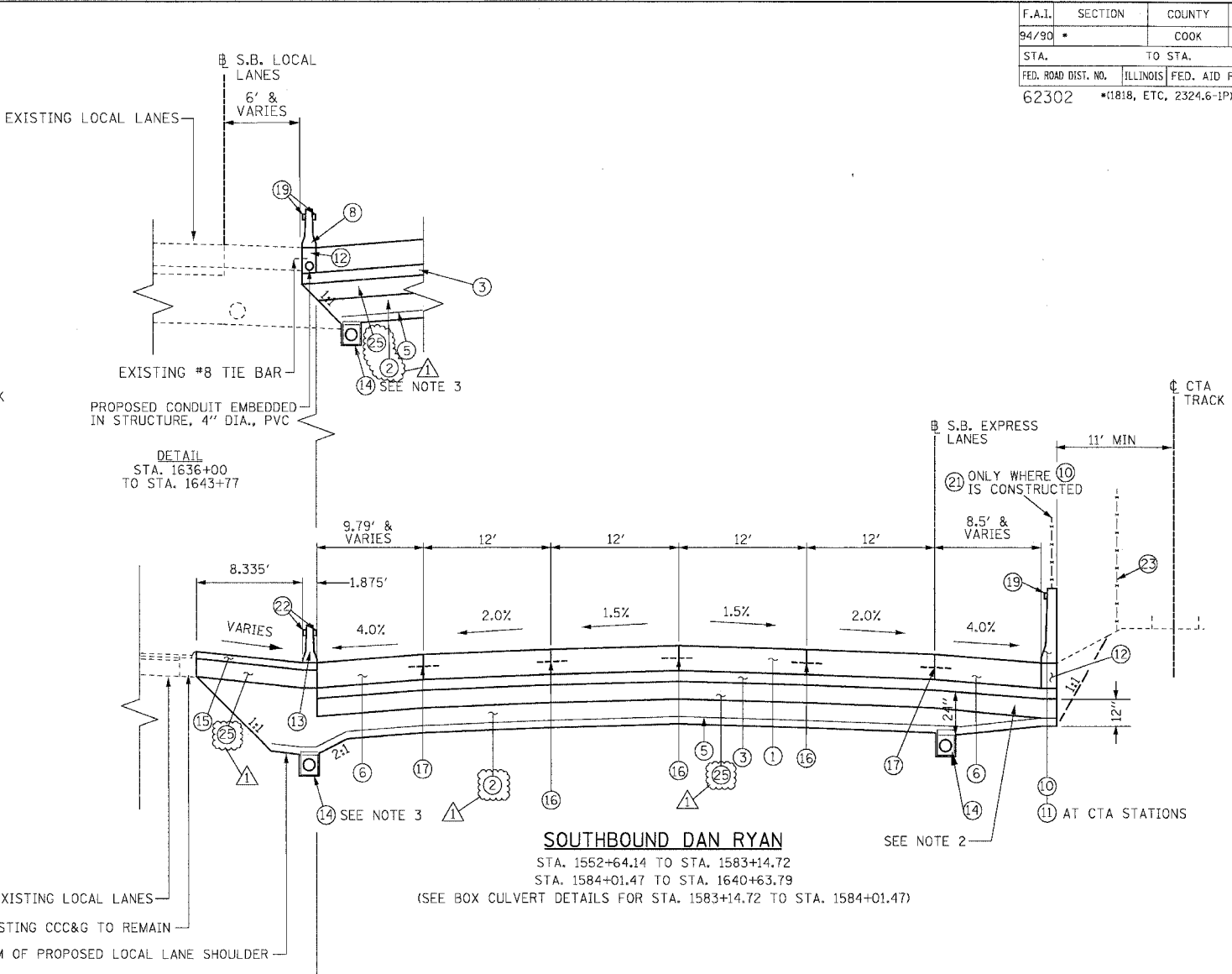
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 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

01:50:20 PM 08/17/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*11818, ETC.	2324.6-1P1R-9		



SOUTHBOUND DAN RYAN
STA. 1545+52.75 TO STA. 1552+64.14



SOUTHBOUND DAN RYAN
STA. 1552+64.14 TO STA. 1583+14.72
STA. 1584+01.47 TO STA. 1640+63.79
(SEE BOX CULVERT DETAILS FOR STA. 1583+14.72 TO STA. 1584+01.47)

PROPOSED LEGEND

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

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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

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

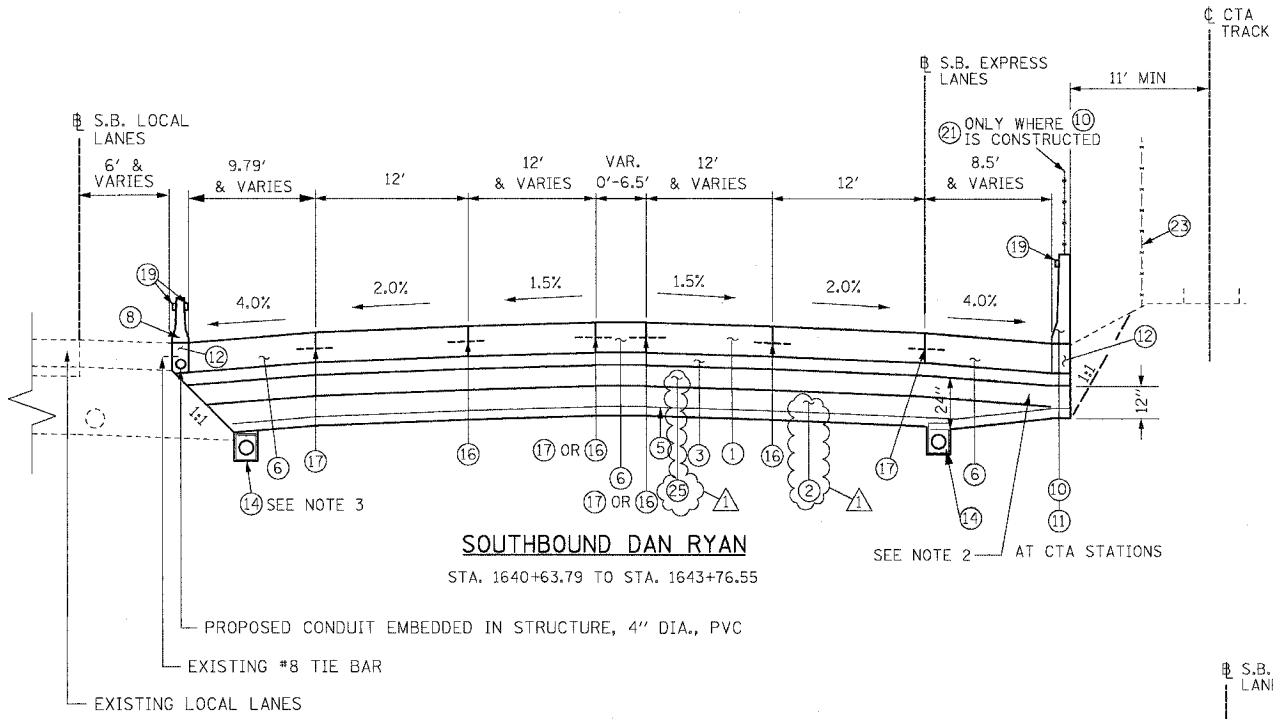
SCALE: NTS
DATE: 07/07/05

DRAWN BY: TER
CHECKED BY: JDC

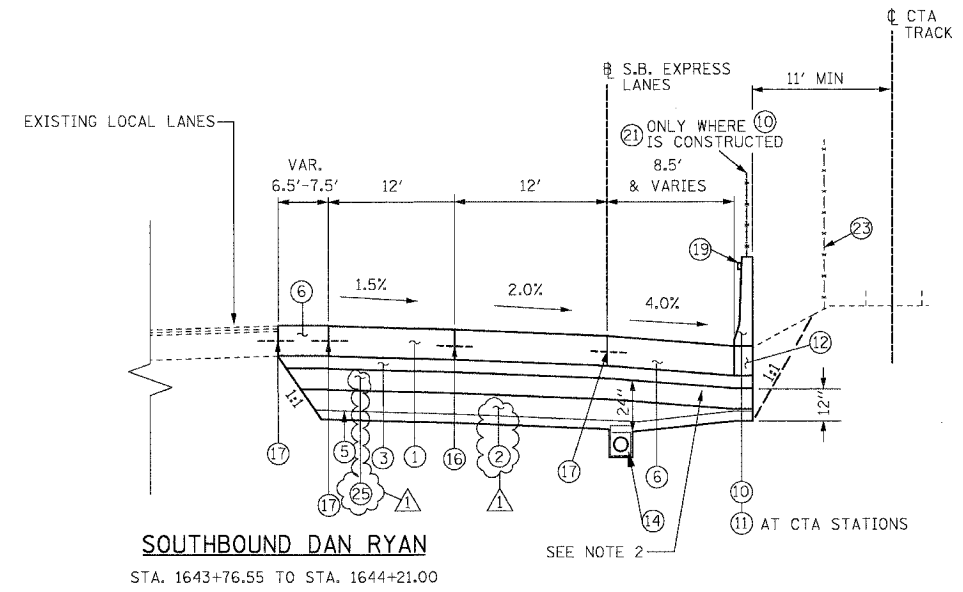
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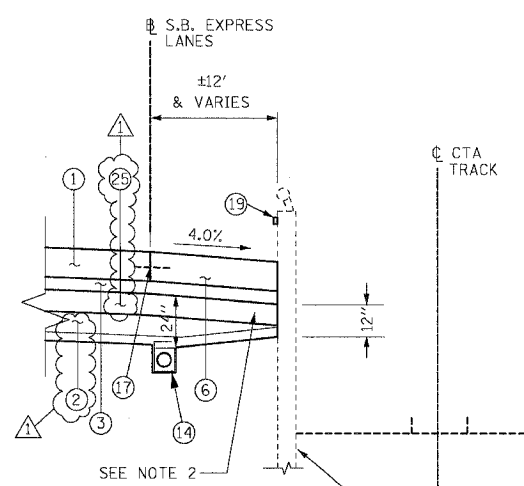
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*1818, ETC.	2324.6-IPR-9		



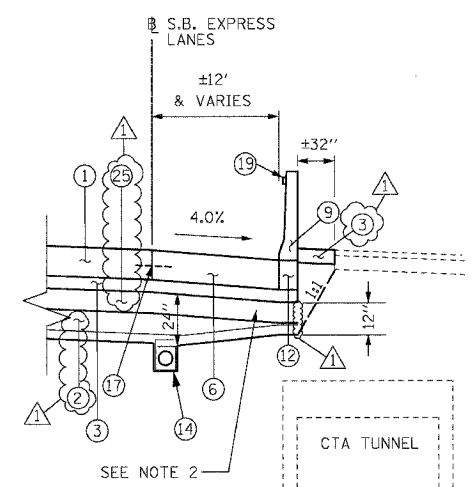
SOUTHBOUND DAN RYAN
STA. 1640+63.79 TO STA. 1643+76.55



SOUTHBOUND DAN RYAN
STA. 1643+76.55 TO STA. 1644+21.00



DETAIL
STA. 1636+45
TO STA. 1643+09



DETAIL
STA. 1643+09
TO STA. 1644+22

PROPOSED LEGEND

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

NOTES:

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- THE UNDERDRAIN WILL BE CONSTRUCTED TO PROVIDE FOR SUB-BASE DRAINAGE OF THE FUTURE LOCAL LANES. SEE PIPE UNDERDRAIN DETAILS.
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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

SCALE: NTS
 DATE: 07/07/05

DRAWN BY: TER
 CHECKED BY: JDC

BOWMAN, BARRETT & ASSOCIATES INC.
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PAVEMENT, SHOULDERS, AND MEDIANS

STATION	TO STATION	CONT REINF PCC PVT 14 (SQ YD)	PAVT REINF (SQ YD)	PCC SHOULDERS 14 (SQ YD)	TEMP PAVEMENT (INTERSTATE) (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)
1367+00	1382+00	10242	10242	1235	51		11751	11751		11751		11528	
1382+00	1397+00	8536	8536	2559			11436	11436		11436		11095	36
1397+00	1412+00	6000	6000	3485			10077	10077		10077	13800	9489	
1412+00	1427+00	6000	6000	4234	219		10816	10816		10816		10453	
1427+00	1442+00	6000	6000	3360	569		8520	8520		8520		8259	
1442+00	1457+00	8356	8356	4568	1448		11989	11989		11989		11474	
1457+00	1472+00	8547	8547	2964	712		14085	14085		14085		13827	
1472+00	1487+00	8000	8000	3219	788		11874	11874		11874		11752	
1487+00	1502+00	8000	8000	3181	828		12261	12261		12261		12009	
1502+00	1517+00	10419	10419	3260	2096		16282	16282		16282	2471	15775	
1517+00	1530+00	5771	5771	2850	1892		10922	10922		10922	4071	10513	
1530+00	1542+00	5074	5074	2953	254	1593	8239		10262	9943		8027	
1542+00	1554+00	8171	8171	2410		1274	10779		12068	11563		10581	
1554+00	1566+00	6400	6400	2463		1042	9038		10103	9738		8863	
1566+00	1578+00	6400	6400	2439	381	627	8985		10030	9631		8839	
1578+00	1590+00	5937	5937	2262	211	777	8362		9372	9035		8199	
1590+00	1602+00	6400	6400	2439		1112	9039		10159	9759		8839	
1602+00	1614+00	6400	6400	2289	406	620	8795		9838	9515		8689	
1614+00	1626+00	6400	6400	2146	743	308	8565		9625	9238		8546	
1626+00	1638+00	6400	6400	2583	120	360	9204		9698	9629		8983	
1638+00	1644+22	3215	3215	1470			4856		4856	4856		4685	
TOTAL		146669	146669	58370	10717	7712	215775	129913	96011	222820	20342	210425	36

PAVEMENT AND SHOULDER REMOVAL

STATION	TO STATION	PAVEMENT REM (SQ YD)	PAVED SHLD REMOVAL (SQ YD)	APPROACH SLAB REM (SQ YD)
1367+00	1382+00	9680	1500	
1382+00	1397+00	13889	1500	
1397+00	1412+00	8605	1672	
1412+00	1427+00	8642	1886	
1427+00	1442+00	6330	3311	
1442+00	1457+00	10038	4037	
1457+00	1472+00	8475	3333	
1472+00	1487+00	8485	3061	
1487+00	1502+00	8429	3333	
1502+00	1517+00	10115	4163	
1517+00	1530+00	6449	4233	
1530+00	1542+00	6267	3392	
1542+00	1554+00	7884	3532	
1554+00	1566+00	6400	3190	
1566+00	1578+00	6400	3189	
1578+00	1590+00	6036	3076	219
1590+00	1602+00	6400	3160	
1602+00	1614+00	6400	3105	
1614+00	1626+00	6400	3090	
1626+00	1638+00	6400	2925	
1638+00	1644+22	3317	1537	
TOTAL		161041	62228	219

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REVISIONS	
NAME	DATE
ADDENDUM 1	08/12/05

RSCH-01
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
ROADWAY SCHEDULES
SCALE: 1"=N.T.S.
DATE: 07/07/05
DRAWN BY: RR
CHECKED BY: JDC

08/11/2005 09:50:28 PM

CONCRETE BARRIER WALL, COMBINATION CONCRETE CURB AND GUTTER, AND 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 1F 32HT MOD (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)
1367+00	1382+00	0	1327	1362	0	0	0	15	1342	17	0	1	1116
1382+00	1397+00	372	1339	1369	36	0	0	30	1777	22	79	1	1445
1397+00	1412+00	638	1377	1407	0	0	78	76	2169	28	595	0	1862
1412+00	1427+00	0	1387	1417	0	815	23	115	2340	30	0	1	1792
1427+00	1442+00	0	1420	1435	0	0	0	83	1503	19	0	2	1236
1442+00	1457+00	0	1326	1386	0	0	762	225	2313	39	0	0	1902
1457+00	1472+00	0	1410	1440	0	0	0	78	1448	19	0	2	1223
1472+00	1487+00	0	377	471	25	0	0	153	555	8	0	1	470
1487+00	1502+00	0	1456	1456	20	0	0	15	1491	19	0	2	1240
1502+00	1517+00	705	1429	1444	0	0	0	42	2167	27	0	2	1675
1517+00	1530+00	958	1126	1137	0	0	0	30	2182	28	0	2	1583
1530+00	1542+00		383	384			1038	40	1462	42			1012
1542+00	1554+00		1137	1125	42			47	1226	15		1	604
1554+00	1566+00		1050	1083				75	1125	15		1	525
1566+00	1578+00		877	938				119	996	15		1	438
1578+00	1590+00		976	1068				74	1050	15		2	488
1590+00	1602+00		1200	1175				28	1228	15		2	600
1602+00	1614+00		636	651				55	691	15			318
1614+00	1626+00		63	50				29	91	15		1	56
1626+00	1638+00		916	921	43		198	45	1202	20		2	648
1638+00	1644+22						578	0	578	22			451
TOTAL		2672	20697	21718	166	815	2676	1374	28470	445	674	24	20259

BARRIER AND CURB REMOVAL

STATION	TO STATION	CONC BARRIER REMOV (FOOT)	CTA BARRIER REMOV (FOOT)	COMB CURB GUTTER REM (FOOT)
1367+00	1382+00	0	1316	0
1382+00	1397+00	0	1404	435
1397+00	1412+00	336	1406	1065
1412+00	1427+00	997	1410	0
1427+00	1442+00	1353	1435	0
1442+00	1457+00	2329	1386	958
1457+00	1472+00	1441	1440	0
1472+00	1487+00	1381	495	0
1487+00	1502+00	1461	1440	0
1502+00	1517+00	2214	1444	222
1517+00	1530+00	1817	1137	607
1530+00	1542+00	1200	406	1175
1542+00	1554+00	1228	1200	1674
1554+00	1566+00	1097	1095	177
1566+00	1578+00	1069	1080	
1578+00	1590+00	1112	1114	
1590+00	1602+00	1200	1200	
1602+00	1614+00	1124	673	
1614+00	1626+00	1143	172	
1626+00	1638+00	1099	986	
1638+00	1644+22	689		
TOTAL		22473	22239	6313

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REVISIONS	
NAME	DATE
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RSCH-02
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
ROADWAY SCHEDULES
SCALE: 1"=N.T.S.
DATE: 07/07/05
DRAWN BY: RR
CHECKED BY: JDC

09/11/2005 09:46 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	21
STA.		TO STA.		
62302				
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	
			11818, ETC, 2324.6-1P/R-8	

POLE FOUNDATION, REMOVED

STATION	OFFSET	LIGHTING FND REM (EACH)
1368+57.2	11.2 RT	1
1370+38.7	11.2 RT	1
1372+21.3	11.3 RT	1
1373+96.2	9.8 RT	1
1376+51.4	6.6 RT	1
1380+2.4	5.2 RT	1
1381+96.3	6.3 RT	1
1383+63.8	8.2 RT	1
1384+95.5	9.9 RT	1
1386+20.4	12.2 RT	1
1387+51.2	13.1 RT	1
1388+89.7	13.6 RT	1
1388+89.7	13.6 RT	1
1393+24.3	12.4 RT	1
1394+98.5	12.4 RT	1
1396+59.8	12.5 RT	1
1398+34.2	12.4 RT	1
1400+8.2	12.2 RT	1
1401+76.8	11.6 RT	1
1403+63.4	11.2 RT	1
1407+56.9	12.3 RT	1
1410+68.6	47.6 LT	1
1412+51.6	48.0 LT	1
1414+57.5	47.4 LT	1
1416+67.3	46.2 LT	1
1418+69.8	45.6 LT	1
1420+65.4	45.7 LT	1
1423+57.8	47.8 LT	1
1425+93.2	48.0 LT	1
1428+62.5	47.9 LT	1
1430+77.7	48.6 LT	1
1432+87.1	48.4 LT	1
1434+84.8	47.5 LT	1
1437+08.1	47.7 LT	1
1439+12.5	47.8 LT	1
1441+31.5	47.9 LT	1
1443+47.6	48.0 LT	1
1445+62.1	47.6 LT	1
1447+81.3	48.1 LT	1
1449+92.9	45.2 LT	1
1451+95.3	86.6 LT	1
1453+81.1	78.7 LT	1
1455+56.9	68.3 LT	1
1457+38.1	61.0 LT	1
1459+36.3	59.4 LT	1
1461+32.0	59.4 LT	1
1463+25.9	59.4 LT	1
1465+26.9	59.6 LT	1
1467+23.7	59.5 LT	1
1469+21.0	59.6 LT	1
1471+27.0	59.6 LT	1
1473+29.7	59.6 LT	1
1476+53.1	59.8 LT	1
1478+43.8	59.7 LT	1
1480+50.4	59.7 LT	1
1482+55.8	59.9 LT	1
1484+61.0	59.9 LT	1
1486+82.6	59.8 LT	1
1488+66.1	60.1 LT	1
1490+73.7	60.2 LT	1
1492+79.6	59.9 LT	1
1494+84.0	59.8 LT	1
1496+88.1	60.1 LT	1
1498+91.9	60.2 LT	1
1500+90.8	60.4 LT	1
1503+11.4	60.0 LT	1
1505+17.7	60.6 LT	1
1507+13.3	62.0 LT	1
1509+25.5	67.3 LT	1
1511+24.9	75.9 LT	1
1513+28.8	88.5 LT	1
1515+40.0	49.7 LT	1
1517+40.7	49.8 LT	1
1519+47.1	49.5 LT	1
1521+60.5	50.0 LT	1
1523+60.9	50.1 LT	1
1525+66.8	48.5 LT	1
1527+77.2	48.2 LT	1
1529+98.3	46.8 LT	1

STATION	OFFSET	LIGHTING FND REM (EACH)
1532+10.0	45.00' LT	1
1534+23.0	41.00' LT	1
1536+27.0	37.00' LT	1
1538+27.0	39.00' LT	1
1540+31.0	43.00' LT	1
1542+44.0	48.00' LT	1
1544+52.0	85.00' LT	1
1546+67.0	75.00' LT	1
1548+70.0	66.00' LT	1
1550+93.0	60.00' LT	1
1553+00.0	60.00' LT	1
1555+20.0	60.00' LT	1
1557+02.0	60.00' LT	1
1559+12.0	60.00' LT	1
1561+08.0	60.00' LT	1
1563+12.0	60.00' LT	1
1565+14.0	60.00' LT	1
1566+95.0	60.00' LT	1
1568+98.0	60.00' LT	1
1571+00.0	60.00' LT	1
1573+00.0	60.00' LT	1
1575+09.0	60.00' LT	1
1577+10.0	60.00' LT	1
1579+26.0	60.00' LT	1
1581+36.0	60.00' LT	1
1584+19.0	60.00' LT	1
1586+18.0	60.00' LT	1
1588+14.0	60.00' LT	1
1590+08.0	60.00' LT	1
1591+97.0	60.00' LT	1
1594+04.0	60.00' LT	1
1596+00.0	60.00' LT	1
1598+04.0	60.00' LT	1
1599+96.0	60.00' LT	1
1602+07.0	60.00' LT	1
1604+04.0	60.00' LT	1
1606+08.0	60.00' LT	1
1608+22.0	60.00' LT	1
1609+97.0	60.00' LT	1
1612+23.0	60.00' LT	1
1614+46.0	60.00' LT	1
1616+68.0	60.00' LT	1
1618+98.0	60.00' LT	1
1621+14.0	60.00' LT	1
1623+29.0	60.00' LT	1
1625+53.0	60.00' LT	1
1627+62.0	60.00' LT	1
1629+96.0	61.00' LT	1
1632+15.0	61.00' LT	1
1634+43.0	61.00' LT	1
1636+60.0	61.00' LT	1
1638+20.0	61.00' LT	1
1639+80.0	61.00' LT	1
1641+30.0	61.00' LT	1
1642+80.0	61.00' LT	1
	TOTAL	134

ELECTRICAL ITEMS

STATION	TO STATION	CON T 2 GALVS (FOOT)	CON T 3 GALVS (FOOT)	CON ENC C 3 PVC (FOOT)	HD HANDHOLE (FOOT)	HD HANDHOLE SPL (FOOT)	TR & BKFIL F ELECT WK (FOOT)
1367+00.0	1376+00.0	64		64	1		64
1376+00.0	1387+80.0	0		0	0		0
1387+80.0	1398+00.0	64		80	2		64
1398+00.0	1406+00.0	0		0	0		0
1406+00.0	1416+00.0	18		43	1		18
1416+00.0	1426+00.0	0		0	0		0
1426+00.0	1436+00.0	4		43	1		4
1436+00.0	1446+50.0	0		0	0		0
1446+50.0	1458+50.0	66		130	4		66
1458+50.0	1471+00.0	3		54	1		3
1471+00.0	1482+50.0	0		0	0		0
1482+50.0	1495+50.0	3		52	1		3
1495+50.0	1506+50.0	3		16	1		3
1506+50.0	1518+00.0	200		42	0	1	200
1518+00.0	1529+50.0	381		381	1		381
1529+50.0	1536+00.0						
1536+00.0	1548+00.0	76		41	1		76
1548+00.0	1560+00.0		3				3
1560+00.0	1572+00.0	12		53	1		12
1572+00.0	1584+00.0	12	3	53	1		15
1584+00.0	1596+00.0		6				6
1596+00.0	1608+00.0	12	3	53	1		15
1608+00.0	1620+00.0						
1620+00.0	1632+00.0	14		53	1		14
	TOTAL	933	15	777	18	1	948

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

REVISIONS	
NAME	DATE
ADDENDUM 1	08/12/05

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

RSCH-03

08/11/2005 09:29:40 PM

TEMPORARY CONCRETE BARRIER

STATION	TO STATION	EXISTING TEMP BARRIER ON SITE (FT)	TEMP BARRIER FOR STAGE 1 (FT)	ADDITIONAL TEMP BARRIER FOR STAGE 2	TEMP BARRIER FOR FINAL CONDITION (FT)	FUR TEMP CONC BARRIER (FOOT)	TEMP CONC BARRIER (FOOT)	REL TEMP CONC BARRIER (FOOT)
1367+00	1382+00	954	2317				2317	3981
1382+00	1397+00	778	1248				1248	1653
1397+00	1412+00	523	282				282	0
1412+00	1427+00	1047	1500		394		1106	394
1427+00	1442+00		1500		1494		6	1494
1442+00	1457+00		1500	235	1450	36	285	1450
1457+00	1472+00		1500	1500	1875	1875	1125	1875
1472+00	1487+00		1500	1500	1163	1163	1838	1163
1487+00	1502+00		1500	1500	1463	1463	1538	1463
1502+00	1517+00		1500	1055	1238	1238	1318	1238
1517+00	1530+00		1500		860	860	640	860
1530+00	1542+00		1200		180	169	1200	1380
1542+00	1554+00		1031		1124	1200	1031	2142
1554+00	1566+00			246	1070	1200	246	1070
1566+00	1578+00			1200	1420	1200	1200	1420
1578+00	1590+00			1200	1170	1200	1200	1170
1590+00	1602+00			1200	1165	1200	1200	1165
1602+00	1614+00			1200	1075	1200	1200	1075
1614+00	1626+00			1200	1113	1200	1200	1113
1626+00	1638+00			165	925	660	165	1300
1638+00	1644+22							
TOTAL						15862	20343	27405

STATION TO STATION	TEMPORARY SOIL RETENTION SYSTEM (SQ FT)	
1372+00.00	1373+00.00	30
1373+00.00	1374+00.00	150
1374+00.00	1375+00.00	245
1375+00.00	1376+00.00	255
1376+00.00	1377+00.00	270
1377+00.00	1378+00.00	315
1378+00.00	1379+00.00	
1379+00.00	1380+00.00	480
1380+00.00	1381+00.00	65
1381+00.00	1382+00.00	0
1382+00.00	1383+00.00	5
1383+00.00	1384+00.00	5
1403+00.00	1404+00.00	25
1404+00.00	1405+00.00	70
1405+00.00	1406+00.00	75
1406+00.00	1407+00.00	30
1407+00.00	1408+00.00	0
1408+00.00	1409+00.00	15
1409+00.00	1410+00.00	25
1410+00.00	1411+00.00	130
1411+00.00	1412+00.00	270
1412+00.00	1413+00.00	325
1413+00.00	1414+00.00	345
1414+00.00	1415+00.00	340
1415+00.00	1416+00.00	275
1416+00.00	1417+00.00	215
1417+00.00	1418+00.00	135
1418+00.00	1419+00.00	25
1458+00.00	1459+00.00	5
1459+00.00	1460+00.00	10
1460+00.00	1461+00.00	5
1470+00.00	1471+00.00	15
1471+00.00	1472+00.00	20
1472+00.00	1473+00.00	15
1473+00.00	1474+00.00	55
1474+00.00	1475+00.00	150
1484+00.00	1485+00.00	110
1485+00.00	1486+00.00	55
1486+00.00	1487+00.00	40
1487+00.00	1488+00.00	55
1488+00.00	1489+00.00	50
1489+00.00	1490+00.00	25
1490+00.00	1491+00.00	40
1491+00.00	1492+00.00	30
1492+00.00	1493+00.00	15
1493+00.00	1494+00.00	15
1498+00.00	1499+00.00	5
1499+00.00	1500+00.00	5
1504+00.00	1505+00.00	5
1505+00.00	1506+00.00	10
1506+00.00	1507+00.00	15
1507+00.00	1508+00.00	30
1508+00.00	1509+00.00	20
1514+00.00	1515+00.00	25
1515+00.00	1516+00.00	40
1516+00.00	1517+00.00	15
1517+00.00	1518+00.00	15
1518+00.00	1519+00.00	15
1519+00.00	1520+00.00	15
1520+00.00	1521+00.00	15
1521+00.00	1522+00.00	15
1522+00.00	1523+00.00	55
1523+00.00	1524+00.00	45
1524+00.00	1525+00.00	20
1525+00.00	1526+00.00	15
1526+00.00	1527+00.00	5
1527+00.00	1528+00.00	85
1528+00.00	1529+00.00	80

TEMPORARY SOIL RETENTION SYSTEM (SQ FT)		
1550+50.00	1551+50.00	200
1576+50.00	1577+50.00	100
1624+89.00	1625+50.00	61
TOTAL		5741

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.

13/01/04 PM 08/11/2005

EARTHWORK SCHEDULE

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62302
* (1818, ETC., 2324.6-1PIR-9)

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)
1367+00	1368+00	664	63		63
1368+00	1369+00	646	63		63
1369+00	1370+00	652	64		64
1370+00	1371+00	664	66		66
1371+00	1372+00	664	66		66
1372+00	1373+00	666	66		66
1373+00	1374+00	661	66		66
1374+00	1375+00	702	66		66
1375+00	1376+00	780	65		65
1376+00	1377+00	827	63		63
1377+00	1378+00	869	62		62
1378+00	1379+00	882	61		61
1379+00	1380+00	819	61		61
1380+00	1381+00	753	62		62
1381+00	1382+00	763	66		66
1382+00	1383+00	815	69		69
1383+00	1384+00	829	69		69
1384+00	1385+00	813	70		70
1385+00	1386+00	795	72		72
1386+00	1387+00	656	62		62
1387+00	1388+00	558	51		51
1388+00	1389+00	632	53		53
1389+00	1390+00	740	57		57
1390+00	1391+00	780	63		63
1391+00	1392+00	737	62		62
1392+00	1393+00	741	57		57
1393+00	1394+00	748	57		57
1394+00	1395+00	737	57		57
1395+00	1396+00	776	58		58
1396+00	1397+00	801	58		58
1397+00	1398+00	804	59		59
1398+00	1399+00	908	59		59
1399+00	1400+00	1034	59		59
1400+00	1401+00	1093	61		61
1401+00	1402+00	1133	63		63
1402+00	1403+00	1069	64		64
1403+00	1404+00	1224	61		61
1404+00	1405+00	1249	58		58
1405+00	1406+00	994	60		60
1406+00	1407+00	1044	58		58
1407+00	1408+00	929	54		54
1408+00	1409+00	650	54		54
1409+00	1410+00	594	56		56
1410+00	1411+00	637	59		59
1411+00	1412+00	684	61		61

SEE NOTE 4

STATION	TO STATION	EARTH EXCAVATION (CU YD)	EXCAVATE EXISTING GRANULAR MATERIAL (CU YD)	PLACE EXISTING GRANULAR MATERIAL (CU YD)	EXISTING GRANULAR MATERIAL BALANCE SURPLUS (+) OR SHORTAGE (-) (CU YD)
1412+00	1413+00	629	62		62
1413+00	1414+00	576	63		63
1414+00	1415+00	581	64		64
1415+00	1416+00	563	65		65
1416+00	1417+00	535	65		65
1417+00	1418+00	502	65		65
1418+00	1419+00	489	65		65
1419+00	1420+00	467	65		65
1420+00	1421+00	411	63		63
1421+00	1422+00	422	58		58
1422+00	1423+00	550	56		56
1423+00	1424+00	658	59		59
1424+00	1425+00	703	58		58
1425+00	1426+00	717	58		58
1426+00	1427+00	665	57		57
1427+00	1428+00	584	55		55
1428+00	1429+00	554	53		53
1429+00	1430+00	617	55		55
1430+00	1431+00	675	58		58
1431+00	1432+00	666	58		58
1432+00	1433+00	648	57		57
1433+00	1434+00	626	55		55
1434+00	1435+00	605	54		54
1435+00	1436+00	611	54		54
1436+00	1437+00	613	54		54
1437+00	1438+00	602	54		54
1438+00	1439+00	593	53		53
1439+00	1440+00	580	53		53
1440+00	1441+00	573	53		53
1441+00	1442+00	588	53		53
1442+00	1443+00	599	53		53
1443+00	1444+00	721	53		53
1444+00	1445+00	858	64		64
1445+00	1446+00	865	78		78
1446+00	1447+00	808	83		83
1447+00	1448+00	920	88		88
1448+00	1449+00	1029	89		89
1449+00	1450+00	1022	93		93
1450+00	1451+00	1061	96	320.3	-224
1451+00	1452+00	997	94	366.3	-272
1452+00	1453+00	929	91	349.8	-258
1453+00	1454+00	875	90	336.1	-246
1454+00	1455+00	819	84	316.1	-232
1455+00	1456+00	763	78	300.6	-223
1456+00	1457+00	708	73	285.9	-213

SEE NOTE 4

STATION	TO STATION	EARTH EXCAVATION (CU YD)	EXCAVATE EXISTING GRANULAR MATERIAL (CU YD)	PLACE EXISTING GRANULAR MATERIAL (CU YD)	EXISTING GRANULAR MATERIAL BALANCE SURPLUS (+) OR SHORTAGE (-) (CU YD)
1457+00	1458+00	684	70	273.5	-203
1458+00	1459+00	672	69	267.4	-199
1459+00	1460+00	679	69	277.4	-208
1460+00	1461+00	673	69	286.5	-217
1461+00	1462+00	647	68	260.4	-193
1462+00	1463+00	670	67	253.0	-186
1463+00	1464+00	707	67	262.6	-195
1464+00	1465+00	695	66	252.0	-186
1465+00	1466+00	684	66	248.0	-182
1466+00	1467+00	688	66	248.7	-183
1467+00	1468+00	687	76	249.8	-174
1468+00	1469+00	689	76	248.0	-172
1469+00	1470+00	702	66	246.5	-180
1470+00	1471+00	740	67	253.1	-186
1471+00	1472+00	778	69	260.4	-192
1472+00	1473+00	774	69	260.6	-192
1473+00	1474+00	792	69	263.0	-194
1474+00	1475+00	892	70	294.8	-225
1475+00	1476+00	898	69	294.6	-226
1476+00	1477+00	820	67	264.3	-197
1477+00	1478+00	782	66	259.8	-194
1478+00	1479+00	747	66	255.6	-190
1479+00	1480+00	731	65	255.0	-190
1480+00	1481+00	724	66	254.8	-188
1481+00	1482+00	723	68	253.0	-185
1482+00	1483+00	712	68	250.2	-182
1483+00	1484+00	688	67	245.0	-178
1484+00	1485+00	674	67	242.8	-176
1485+00	1486+00	677	67	245.2	-178
1486+00	1487+00	694	67	246.5	-179
1487+00	1488+00	709	67	247.8	-181
1488+00	1489+00	709	67	249.8	-183
1489+00	1490+00	702	68	256.7	-189
1490+00	1491+00	688	69	261.9	-193
1491+00	1492+00	681	69	264.4	-195
1492+00	1493+00	693	70	265.6	-196
1493+00	1494+00	710	70	263.9	-194
1494+00	1495+00	702	70	263.9	-194
1495+00	1496+00	691	70	265.6	-195
1496+00	1497+00	698	70	268.7	-198
1497+00	1498+00	715	70	270.6	-200
1498+00	1499+00	714	69	264.6	-196
1499+00	1500+00	689	68	257.0	-189
1500+00	1501+00	686	68	257.6	-190
1501+00	1502+00	673	66	249.6	-184

EW-01

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312 228 0100
www.bbairc.com

11/13/04 AM 8/19/2005

EARTHWORK SCHEDULE

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62302
• 1818, ETC.
2324.6-1P1R-9

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)
1502+00	1503+00	673	67	255.7	-188
1503+00	1504+00	690	71	269.8	-199
1504+00	1505+00	699	71	274.6	-204
1505+00	1506+00	732	72	280.4	-209
1506+00	1507+00	743	72	284.8	-213
1507+00	1508+00	755	73	300.0	-227
1508+00	1509+00	805	76	326.7	-251
1509+00	1510+00	851	80	353.7	-273
1510+00	1511+00	890	82	356.5	-275
1511+00	1512+00	913	83	347.4	-264
1512+00	1513+00	970	87	359.4	-272
1513+00	1514+00	1106	97	406.9	-309
1514+00	1515+00	1203	104	443.7	-339
1515+00	1516+00	1127	103	398.3	-296
1516+00	1517+00	991	100	338.9	-239
1517+00	1518+00	917	96	319.4	-223
1518+00	1519+00	851	93	305.4	-212
1519+00	1520+00	788	90	294.1	-204
1520+00	1521+00	799	87	305.2	-219
1521+00	1522+00	841	83	317.4	-234
1522+00	1523+00	832	79	300.0	-221
1523+00	1524+00	796	69	295.7	-227
1524+00	1525+00	737	61	302.8	-242
1525+00	1526+00	696	60	300.7	-241
1526+00	1527+00	690	60	294.6	-234
1527+00	1528+00	683	60	282.2	-222
1528+00	1529+00	590	60	232.0	-172
1529+00	1530+00	490	58	208.7	-151
1530+00	1531+00	484	59	257.6	-198
1531+00	1532+00	380	62	283.8	-221
1532+00	1533+00	335	62	269.8	-208
1533+00	1534+00	362	64	254.1	-190
1534+00	1535+00	389	67	249.1	-182
1535+00	1536+00	412	69	255.7	-186
1536+00	1537+00	419	71	255.0	-184
1537+00	1538+00	370	73	256.4	-184
1538+00	1539+00	304	72	269.2	-198
1539+00	1540+00	339	81	229.5	-149
1540+00	1541+00	453	93	251.3	-158
1541+00	1542+00	455	96	373.4	-277
1542+00	1543+00	387	96	439.5	-343
1543+00	1544+00	407	94	433.9	-340
1544+00	1545+00	521	90	417.4	-327
1545+00	1546+00	668	88	405.1	-317
1546+00	1547+00	799	86	393.5	-308

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)
1547+00	1548+00	874	82	377.2	-295
1548+00	1549+00	871	80	344.7	-265
1549+00	1550+00	853	78	321.8	-244
1550+00	1551+00	848	78	309.7	-232
1551+00	1552+00	824	76	297.2	-221
1552+00	1553+00	798	74	295.0	-221
1553+00	1554+00	770	74	303.3	-229
1554+00	1555+00	727	74	306.3	-233
1555+00	1556+00	677	69	349.1	-280
1556+00	1557+00	525	208	313.2	-105
1557+00	1558+00	395	352	276.3	76
1558+00	1559+00	379	353	320.8	32
1559+00	1560+00	381	353	317.6	35
1560+00	1561+00	398	353	312.8	41
1561+00	1562+00	403	354	311.5	42
1562+00	1563+00	393	354	311.9	42
1563+00	1564+00	372	354	314.9	39
1564+00	1565+00	368	354	319.1	35
1565+00	1566+00	389	337	338.0	-1
1566+00	1567+00	426	337	291.6	46
1567+00	1568+00	441	354	264.9	90
1568+00	1569+00	444	354	301.1	53
1569+00	1570+00	450	353	299.6	54
1570+00	1571+00	426	352	297.3	55
1571+00	1572+00	393	352	297.5	54
1572+00	1573+00	363	352	296.1	55
1573+00	1574+00	328	351	293.6	58
1574+00	1575+00	305	351	291.1	60
1575+00	1576+00	283	332	303.3	29
1576+00	1577+00	277	337	256.1	81
1577+00	1578+00	293	356	233.7	122
1578+00	1579+00	323	350	289.6	60
1579+00	1580+00	334	349	304.2	45
1580+00	1581+00	301	350	301.7	48
1581+00	1582+00	277	335	312.5	23
1582+00	1583+00	276	335	278.9	56
1583+00	1584+00	324	350	255.2	94
1584+00	1585+00	358	350	274.6	76
1585+00	1586+00	365	351	272.6	78
1586+00	1587+00	216	501	271.7	229
1587+00	1588+00	55	644	285.0	359
1588+00	1589+00	52	642	299.6	343
1589+00	1590+00	56	633	298.8	334
1590+00	1591+00	58	612	299.3	313
1591+00	1592+00	56	609	301.4	308

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)
1592+00	1593+00	58	599	302.2	297
1593+00	1594+00	61	592	303.0	289
1594+00	1595+00	61	600	303.6	296
1595+00	1596+00	60	613	304.3	308
1596+00	1597+00	62	619	305.6	313
1597+00	1598+00	61	623	306.2	316
1598+00	1599+00	60	623	307.8	315
1599+00	1600+00	62	615	309.2	306
1600+00	1601+00	59	627	309.8	317
1601+00	1602+00	60	634	310.3	324
1602+00	1603+00	65	635	310.9	324
1603+00	1604+00	67	642	311.9	330
1604+00	1605+00	65	643	307.1	336
1605+00	1606+00	199	497	308.1	188
1606+00	1607+00	305	352	311.3	41
1607+00	1608+00	283	352	307.7	44
1608+00	1609+00	183	457	321.7	135
1609+00	1610+00	73	598	283.3	315
1610+00	1611+00	76	609	267.0	342
1611+00	1612+00	80	573	294.5	278
1612+00	1613+00	81	560	286.9	273
1613+00	1614+00	73	598	285.9	312
1614+00	1615+00	71	644	281.9	362
1615+00	1616+00	71	652	281.4	371
1616+00	1617+00	71	616	284.9	331
1617+00	1618+00	82	552	288.5	264
1618+00	1619+00	188	432	291.0	141
1619+00	1620+00	302	337	292.4	44
1620+00	1621+00	325	341	292.5	48
1621+00	1622+00	358	352	290.4	62
1622+00	1623+00	233	503	303.9	199
1623+00	1624+00	83	663	318.8	345
1624+00	1625+00	77	675	315.0	360
1625+00	1626+00	72	682	309.4	372
1626+00	1627+00	64	704	303.8	400
1627+00	1628+00	57	688	298.4	389
1628+00	1629+00	49	674	304.5	370
1629+00	1630+00	26	675	318.2	356
1630+00	1631+00	12	678	264.3	414
1631+00	1632+00	199	515	205.3	310
1632+00	1633+00	385	337	205.5	131
1633+00	1634+00	391	337	205.9	131
1634+00	1635+00	394	337	206.4	131
1635+00	1636+00	391	323	217.3	106
1636+00	1637+00	394	327	224.5	102

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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

EW-02

11/25/07 AM 8/29/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	25A
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62302
 • 1818, ETC.
 2324.6-1P1R-9

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)
1637+00	1638+00	407	344	227.5	116
1638+00	1639+00	226	557	233.9	323
1639+00	1640+00	15	775	233.2	542
1640+00	1641+00	10	779	239.5	540
1641+00	1642+00	29	749	238.2	511
1642+00	1643+00	30	697	230.1	466
1643+00	1643+77	28	483	189.2	294
1643+77	1644+00	7	96	71.9	24
1644+00	1644+22	5	56	50.7	5
TOTALS:		155251	56192	56192	0

NOTES:

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

IF DEVIATIONS FROM THE ESTIMATED AVAILABLE VOLUME OF EXISTING GRANULAR MATERIAL ARE ENCOUNTERED IN THE FIELD, THEN THE QUANTITIES FOR 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL', 'EARTH EXCAVATION', 'SUB-BASE GRANULAR MATERIAL, TYPE B - 12" ', AND 'SUB-BASE GRANULAR MATERIAL, TYPE B - 24" ' WILL ALL BE INCREASED OR DECREASED AS DIRECTED BY THE ENGINEER UTILIZING THE UNIT PRICES IN THE CONTRACT BID WITH NO ADDITIONAL COMPENSATION TO THE CONTRACTOR.

2. 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL' WILL BE MEASURED FOR PAYMENT IN ITS ORIGINAL POSITION. THE CONTRACTOR WILL NOT BE PAID SEPARATELY FOR PLACING THE EXISTING GRANULAR MATERIAL. SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS OF 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL'.
3. END AREAS SHOWN IN THE CROSS SECTIONS DO NOT REFLECT 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL'. 'EARTH EXCAVATION' VOLUMES GIVEN IN THE EARTHWORK SCHEDULE HAVE BEEN ADJUSTED TO ACCOUNT FOR THE VOLUME OF 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL'.
4. IT IS ESTIMATED THAT THERE WILL NOT BE ENOUGH EXISTING GRANULAR MATERIAL AVAILABLE TO PLACE IN THE SUBGRADE FOR THE ENTIRE LENGTH OF THE CONTRACT. WHERE THIS IS THE CASE THE ENTIRE THICKNESS IN THESE AREAS WILL BE COMPOSED OF 'SUB-BASE GRANULAR MATERIAL, TYPE B - 24" '.

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

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

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

DRAWN BY: KAR
 CHECKED BY: DDM

EW-02A

11/05/05 AM

F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	598	26
STA. TO STA.		FED. AID PROJECT	
62302		*1816, ETC, 2324.6-IPR-9	

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING REMOVAL (SQ FT)	SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING REMOVAL (SQ FT)	SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	WORKZONE PAVEMENT MARKING REMOVAL (SQ FT)
PMK-1	5" 30'S - 10'D (W)	1367+00	1382+00	156	PMK-6	4" SOLID (W)	3501+92	3516+11	473	STAGE IA	4" SOLID (Y)	1363+37	1367+00	121
	5" 30'S - 10'D (W)	1367+00	1382+00	156		4" SOLID (Y)	3501+92	3516+92	500	MOT-4	4" SOLID (Y)	1367+00	1382+00	500
	4" SOLID (Y)	1367+00	1382+00	500		5" 30'S - 10'D (W)	3501+92	3516+92	156		4" SOLID (W)	1363+37	1367+00	121
PMK-2	5" 30'S - 10'D (W)	1382+00	1392+49	109		4" 6'S - 2'D (W)	3510+76	3513+74	25		4" SOLID (W)	1367+00	1377+21	340
	5" 30'S - 10'D (W)	1382+00	1392+49	109		8" @ GORES	3513+74	3516+12	159		4" SOLID (W)	1369+45	1378+05	287
	4" SOLID (Y)	1382+00	1392+49	350		8" @ GORES	3513+74	3516+12	159		4" SOLID (Y)	1369+45	1382+00	418
	8" @ GORES	3382+96	3392+42	631		8" @ GORES	3515+59	3516+92	89		4" SOLID (W)	1369+45	1382+00	418
	8" @ GORES	3382+96	3392+42	631		8" @ GORES	3515+59	3516+92	89		5" 30'S - 10' D	1363+37	1367+00	38
	5" 30'S - 10'D (W)	3382+96	3411+46	297		4" SOLID (W)	3516+12	3516+92	27		5" 30'S - 10' D	1367+00	1382+00	156
	4" SOLID (Y)	3386+02	3388+85	94		8" @ GORES	3516+92	3519+87	197		5" 30'S - 10' D	1367+00	1382+00	156
	4" SOLID (W)	3386+02	3388+85	94		8" @ GORES	3516+92	3519+87	197		8" SOLID (W)	1363+37	1369+46	406
	4" SOLID (W)	3386+02	3411+46	848		4" SOLID (Y)	3516+92	3530+16	441		8" SOLID (W)	1363+37	1369+46	406
	8" @ GORES	3388+85	3392+23	225		4" SOLID (W)	3516+92	3530+16	441		12" SOLID (W)	1363+37	1369+46	410
	8" @ GORES	3388+85	3392+23	225		5" 30'S - 10'D (W)	3516+92	3530+16	138					
	4" 6'S - 2'D (W)	3392+42	3396+74	36		8" 12'S - 3'D (W)	3519+87	3528+23	139					
	4" SOLID (Y)	3392+42	3396+74	144		5" 30'S - 10'D (W)	3528+23	3530+16	20					
	4" SOLID (Y)	3396+74	3406+92	339		4" SOLID (Y)	3515+59	3516+92	44	MOT-5	4" SOLID (Y)	1382+00	1397+00	500
	5" 30'S - 10'D (W)	3396+74	3411+46	153		5" 30'S - 10'D (W)	3515+59	3530+16	607		4" SOLID (W)	1382+00	1388+75	226
	4" SOLID (W)	3405+69	3406+92	41		12" DIAGONAL	1502+00	1530+00	868		4" SOLID (W)	3388+77	3396+74	266
	8" @ GORES	3406+92	3410+59	245							4" 6'S - 2'D (W)	3390+70	3396+74	50
	8" @ GORES	3406+92	3410+59	245							4" 6'S - 2'D (W)	3396+74	3399+55	23
PMK-12	12" DIAGONAL	1382+01	1412+00	833	STAGE I									
PMK-3	5" 30'S - 10'D (W)	3410+59	3411+46	9	MOT-16	4" SOLID (W)	3530+00	3540+00	333		4" SOLID (Y)	3396+74	3400+33	120
	5" 30'S - 10'D (W)	3411+46	3420+15	91		4" SOLID (W)	3548+00	3553+90	197		4" SOLID (Y)	3396+74	3400+33	120
	4" SOLID (Y)	3411+46	3426+94	516		5" 30'S - 10'D (W)	3530+00	3553+90	498		5" 30'S - 10' D	3382+00	3396+74	154
	5" 30'S - 10'D (W)	3411+46	3426+94	161		5" 30'S - 10'D (W)	3530+00	3541+00	115		5" 30'S - 10' D	3382+00	3396+74	154
	5" 30'S - 10'D (W)	3411+46	3426+94	161		8" SOLID (W)	3540+00	3545+20	693		5" 30'S - 10' D	3396+74	3400+33	38
	4" 6'S - 2'D (W)	3421+89	3421+89	15		8" SOLID (W)	3540+00	3541+00	133		5" 30'S - 10' D	3396+74	3400+33	38
	4" SOLID (W)	3411+46	3429+44	599		8" SOLID (W)	3547+50	3548+40	60		4" SOLID (W)	3400+33	3411+46	371
	4" SOLID (Y)	3426+94	3441+95	500		4" 6'S - 2'D (W)	3545+20	3547+80	22		4" SOLID (Y)	3400+33	3406+92	220
	5" 30'S - 10'D (W)	3426+94	3441+95	156		12" SOLID (W)	3540+00	3545+20	42		4" SOLID (W)	3404+33	3406+92	86
	5" 30'S - 10'D (W)	3426+94	3441+95	156							4" SOLID (Y)	3404+59	3411+46	229
	8" @ GORES	3429+44	3432+91	231							5" 30'S - 10' D	3411+37	3411+46	1
	8" @ GORES	3429+44	3432+91	231		4" SOLID (W)	3553+90	3561+40			5" 30'S - 10' D	3400+33	3411+46	116
	4" SOLID (W)	3430+79	3437+83	235		4" SOLID (W)	3572+00	3577+90	446		5" 30'S - 10' D	3400+33	3411+46	116
	4" 6'S - 2'D (W)	3432+91	3435+88	25		4" 2'D - 6'S (W)	3565+70	3570+00	36		5" 30'S - 10' D	3404+59	3405+69	12
	8" @ GORES	3435+88	3437+83	130		5" 10'D - 30'S (W)	3553+90	3577+90	500		8" SOLID (W)	3388+77	3390+70	129
	8" @ GORES	3435+88	3437+83	130		8" SOLID (W)	3561+60	3565+70	274		8" SOLID (W)	3388+77	3390+70	129
	4" SOLID (W)	3437+83	3441+95	137		12" SOLID (W)	3561+60	3565+70	36		8" SOLID (W)	3406+92	3411+37	297
	12" DIAGONALS	1412+00	1442+00	255							8" SOLID (W)	3406+92	3411+37	297
PMK-4	4" SOLID (Y)	302+95	315+60	422	MOT-18	4" SOLID (W)	3577+90	3582+20	143		12" SOLID (W)	3388+77	3390+70	100
	4" SOLID (W)	310+25	317+95	257		4" SOLID (W)	3591+17	3601+90	358		12" SOLID (W)	3406+92	3411+37	197
	5" 30'S - 10'D (W)	3441+95	3443+73	19		5" 30'S - 10'D (W)	3577+90	3601+90	500		4" SOLID (Y)	1363+16	1367+00	128
	4" SOLID (W)	3441+95	3456+94	500		4" 6'S - 2'D (W)	3582+20	3587+49	44	STAGE IB	4" SOLID (W)	1365+54	1367+00	49
	5" 30'S - 10'D (W)	3441+95	3456+94	156		8" SOLID (W)	3587+49	3591+17	245	MOT-6	4" SOLID (W)	1367+00	1370+00	100
	4" 6'S - 2'D (W)	3456+08	3458+98	24		12" SOLID (W)	3587+49	3591+17	36		4" SOLID (Y)	1367+00	1370+00	100
	4" SOLID (W)	3456+94	3463+07	204							4" SOLID (W)	1367+00	1382+00	500
	4" SOLID (Y)	3449+26	3471+94	756							5" 30'S - 10' D	1362+16	1367+00	50
	5" 30'S - 10'D (W)	3449+26	3471+94	236	MOT-19	4" SOLID (W)	3601+90	3605+95	135		8" SOLID (W)	1363+16	1367+00	256
	8" @ GORES	3445+29	3449+26	265		4" SOLID (W)	3609+47	3619+50	334		8" SOLID (W)	1363+16	1367+00	256
	8" @ GORES	3445+29	3449+26	265		4" 6'S - 2'D (W)	3607+64	3609+47	15		8" SOLID (W)	1363+16	1367+00	256
	8" @ GORES	3458+98	3463+07	273		4" 6'S - 2'D (W)	3621+00	3624+00	25		12" SOLID (W)	1363+16	1367+00	143
	8" @ GORES	3458+98	3463+07	273		5" 10'D - 30'S (W)	3601+90	3625+90	500					
	4" SOLID (W)	3463+07	3471+94	296		8" SOLID (W)	3605+95	3607+64	113	MOT-7	4" SOLID (W)	3382+00	3388+77	226
	12" DIAGONALS	1442+00	1472+00	637		8" SOLID (W)	3619+50	3621+00	100		4" SOLID (W)	3389+68	3396+74	235
	4" SOLID (Y)	3471+94	3486+94	500		8" SOLID (W)	3624+00	3625+90	127		4" SOLID (W)	3396+74	3400+33	120
	4" SOLID (W)	3471+94	3486+88	498		12" SOLID (W)	3605+95	3607+64	15		8" SOLID (W)	3388+77	3393+50	315
	5" 30'S - 10'D (W)	3471+94	3486+94	156		12" SOLID (W)	3619+50	3621+00	12		8" SOLID (W)	3388+77	3393+50	315
	8" @ GORES	3486+88	3493+25	425		12" SOLID (W)	3624+00	3625+90	12		12" SOLID (W)	3388+77	3393+50	205
	8" @ GORES	3486+88	3493+25	425										
	4" SOLID (Y)	3486+94	3501+92	499										
	4" SOLID (W)	3486+88	3501+92	501	MOT-20	4" SOLID (W)	3625+90	3635+95	335					
	5" 30'S - 10'D (W)	3486+94	3501+92	156		4" 2'D - 6'S (W)	3630+00	3638+93	74					
	4" 6'S - 2'D (W)	3493+25	3496+45	27		5" 10'D - 30'S (W)	3625+90	3635+95	209					
	12" DIAGONALS	1472+00	1502+00	374										
PMK-5	4" SOLID (Y)	3471+94	3486+94	500	MOT-21	5" 10'D - 30'S (W)	SB Franklin	Connector	169					
	4" SOLID (W)	3471+94	3486+88	498										
	5" 30'S - 10'D (W)	3471+94	3486+94	156										
	8" @ GORES	3486+88	3493+25	425										
	8" @ GORES	3486+88	3493+25	425										
	4" SOLID (Y)	3486+94	3501+92	499										
	4" SOLID (W)	3486+88	3501+92	501										
	5" 30'S - 10'D (W)	3486+94	3501+92	156										
	4" 6'S - 2'D (W)	3493+25	3496+45	27										
	12" DIAGONALS	1472+00	1502+00	374										
					TOTAL				29,997					

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

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

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	27
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302 *11818, ETC, 2324.6-IPJR-9				

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 1C					MOT-13	4" SOLID (Y)	3441+95	3456+94	500	STAGE 1				
MOT-8	4" SOLID (W)	1362+29	1367+00	157	4" SOLID (W)	3441+95	3456+94	500	MOT-16	4" SOLID (W)	3530+00	3540+64	355	355
4"	4" SOLID (Y)	1362+29	1367+00	157	4" SOLID (W)	3456+94	3463+03	203	4"	SOLID (W)	3548+41	3553+90	183	183
4"	4" SOLID (W)	1367+00	1377+21	340	4" 6'S - 2'D (W)	3457+92	3461+30	28	4"	SOLID (Y)	3530+00	3553+90	797	797
4"	4" SOLID (Y)	1367+00	1382+00	500	4" 4" SOLID (W)	3463+03	3471+94	297	4"	6'S - 2'D (W)	3543+87	3547+61	31	31
4"	4" SOLID (W)	1377+45	1382+00	152	4" 4" SOLID (Y)	3456+94	3471+94	500	5"	30'S - 10'D (W)	3530+00	3553+90	498	498
5"	5" 30'S - 10' D	1362+29	1367+00	49	5" 5" 30'S - 10' D	3441+95	3456+94	156	8"	SOLID (W) @ GORE	3540+64	3543+87	344	344
5"	5" 30'S - 10' D	1362+29	1367+00	49	5" 5" 30'S - 10' D	3441+95	3456+94	156	8"	SOLID (W) @ GORE	3547+61	3548+41	53	53
5"	5" 30'S - 10' D	1371+24	1371+24	44	5" 5" 30'S - 10' D	3456+94	3471+94	156						
5"	5" 30'S - 10' D	1367+00	1382+00	156	5" 5" 30'S - 10' D	3456+94	3471+94	156						
8"	8" SOLID (W)	1371+24	1377+45	414	8" 8" SOLID (W)	3461+30	3463+03	115						
8"	8" SOLID (W)	1371+24	1377+45	414	8" 8" SOLID (W)	3461+30	3463+03	115						
12"	12" SOLID (W)	1371+24	1377+45	147	12" 12" SOLID (W)	3461+30	3463+03	42						
MOT-9	4" SOLID (W)	3382+00	3388+86	229										
5"	5" 30'S - 10' D	3382+01	3394+50	124	MOT-14	4" SOLID (W)	3471+94	3486+94	500					
5"	5" 30'S - 10' D	3391+75	3394+50	23	4" 4" SOLID (Y)	3471+94	3486+94	500						
8"	8" SOLID (W)	3388+86	3391+75	193	4" 4" SOLID (W)	3486+94	3501+92	499						
8"	8" SOLID (W)	3388+86	3391+75	193	4" 4" SOLID (Y)	3486+94	3501+92	499						
12"	12" SOLID (W)	3388+86	3391+75	58	4" 6'S - 2'D (W)	3490+76	3494+98	36						
STAGE 1D					5" 5" 30'S - 10' D	3471+94	3486+94	156						
MOT-10	4" SOLID (W)	1367+00	1377+21	340	5" 5" 30'S - 10' D	3471+94	3486+94	156						
4"	6'S - 2'D (W)	1368+71	1371+75	25	5" 5" 30'S - 10' D	3486+94	3501+92	156						
4"	4" SOLID (Y)	1367+00	1382+00	500	5" 5" 30'S - 10' D	3486+94	3501+92	156						
4"	4" SOLID (W)	1377+45	1382+00	152	8" 8" SOLID (W)	3486+89	3490+70	254						
5"	5" 30'S - 10' D	1367+00	1382+00	156	8" 8" SOLID (W)	3486+89	3490+70	254						
5"	5" 30'S - 10' D	1367+00	1382+00	156	12" 12" SOLID (W)	1486+89	1490+76	119						
8"	8" SOLID (W)	1371+75	1377+45	380	MOT-15	4" SOLID (W)	3501+92	3516+08	472					
8"	8" SOLID (W)	1371+75	1377+45	380	4" 4" SOLID (W)	3516+08	3516+92	28						
12"	12" SOLID (W)	1371+75	1377+45	618	4" 4" SOLID (Y)	3501+92	3516+92	500						
MOT-11	4" SOLID (W)	3382+00	3388+77	226	4" 6'S - 2'D (W)	3512+21	3515+18	25						
4"	4" SOLID (Y)	3382+00	3393+50	491	4" 4" SOLID (W)	3516+92	3530+16	441						
4"	6'S - 2'D (W)	3390+70	3396+74	50	4" 4" SOLID (Y)	3516+92	3530+16	441						
4"	4" SOLID (W)	3388+86	3396+74	263	5" 5" 30'S - 10' D	3501+92	3516+92	156						
4"	6'S - 2'D (W)	3396+74	3399+55	23	5" 5" 30'S - 10' D	3501+92	3516+92	156						
4"	4" SOLID (W)	3396+74	3399+55	94	5" 5" 30'S - 10' D	3516+92	3530+16	138						
5"	5" 30'S - 10' D	3382+00	3391+45	98	5" 5" 30'S - 10' D	3516+92	3530+16	138						
5"	5" 30'S - 10' D	3382+00	3391+45	98	8" 8" SOLID (W)	3515+18	3516+08	60						
8"	8" SOLID (W)	3388+77	3390+70	129	8" 8" SOLID (W)	3515+18	3516+08	60						
8"	8" SOLID (W)	3388+77	3390+70	129										
12"	12" SOLID (W)	3388+77	3390+70	99	STAGE 2									
STAGE 1					MOT-22	4" SOLID (Y)	3411+36	3427+00	518					
MOT-12	4" SOLID (Y)	3411+46	3426+94	516	4" SOLID (Y)	3427+00	3442+00	500						
4"	4" SOLID (W)	3411+46	3426+94	516	30'S - 10'D (W)	3421+90	3427+00	53						
4"	6'S - 2'D (W)	3411+46	3416+87	45	30'S - 10'D (W)	3427+00	3442+00	156						
4"	4" SOLID (Y)	3426+94	3441+95	500	8" SOLID (W)	3411+36	3415+37	269						
4"	4" SOLID (W)	3426+94	3430+78	128	8" SOLID (W)	3443+92	3449+26	356						
4"	4" SOLID (W)	3430+78	3437+83	235	12" SOLID (W)	3443+92	3449+26	337						
4"	4" SOLID (W)	3437+83	3441+95	137	12" SOLID (W)	1411+50	1442+00	50						
4"	6'S - 2'D (W)	3432+79	3436+02	27	LEFT TURN ONLY	1413+75	1413+75	36						
5"	5" 30'S - 10' D	3411+46	3426+94	161	LEFT TURN ONLY	1470+30	1470+30	36						
5"	5" 30'S - 10' D	3411+46	3426+94	161	LEFT TURN ONLY	1424+70	1424+70	36						
5"	5" 30'S - 10' D	3426+94	3441+95	156	MOT-23	4" SOLID (Y)	1442+00	1457+00	500					
5"	5" 30'S - 10' D	3426+94	3441+95	156	4" SOLID (W)	1449+26	1457+00	258						
8"	8" SOLID (W)	3430+78	3432+79	134	4" SOLID (Y)	1457+00	1472+00	500						
8"	8" SOLID (W)	3430+78	3432+79	134	4" SOLID (W)	1457+00	1472+00	500						
8"	8" SOLID (W)	3436+02	3437+83	121	30'S - 10'D (W)	3442+00	3443+92	20						
8"	8" SOLID (W)	3436+02	3437+83	121	@ SHLDR. (DIAGONAL)	1442+00	1472+00	123						
12"	12" SOLID (W)	3430+78	3432+79	100	MOT-24	4" SOLID (Y)	1472+00	1487+00	500					
12"	12" SOLID (W)	3436+02	3437+83	77	4" SOLID (W)	1472+00	1487+00	500						
					4" SOLID (Y)	1487+00	1502+00	500						
					4" SOLID (W)	1487+00	1502+00	500						
					@ SHLDR. (DIAGONAL)	1472+00	1502+00	140						
					MOT-25	4" SOLID (Y)	1502+00	1517+00	500					
					4" SOLID (W)	1502+00	1515+41	443						
					4" SOLID (Y)	1517+00	1530+00	433						
					4" SOLID (W)	3515+41	3516+92	101						
					8" SOLID (W)	3515+41	3516+92	101						
					8" SOLID (W)	3516+92	3522+17	352						
					8" SOLID (W)	3516+92	3525+17	553						
					8" SOLID (W)	3525+17	3530+16	84						
					12" SOLID (W)	3515+41	3522+17	393						
					LEFT TURN ONLY	1522+50	1522+50	36						
					LEFT TURN ONLY	1526+40	1526+40	36						

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING TAPE, TYPE III -LETTERS & SYMBOLS (SQ FT)
STAGE 2	LEFT TURN ONLY	1413+75		36
MOT-22	LEFT TURN ONLY	1470+30		36
	LEFT TURN ONLY	1424+70		36
MOT-25	LEFT TURN ONLY	1522+50		36
	LEFT TURN ONLY	1526+40		36
MOT-27	LEFT TURN ONLY	3630+00		36
	LEFT TURN ONLY	3632+50		36
			TOTAL	255

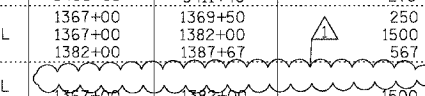
BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

MSCH-02
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC
SCHEDULE

SCALE: =NTS
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: RR

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	TEMPORARY PAVEMENT MARKING-LINE 6" (FOOT)
STAGE IA MOT-4	SOLID (Y) AT BARRIER WALL	1369+56	1377+45	789
		1369+56	1382+00	1244
MOT-5	SOLID (Y) AT BARRIER WALL	1382+00	1387+67	567
		1387+44	1391+47	403
		3408+68	3411+46	278
STAGE IB MOT-6	SOLID (Y) AT BARRIER WALL	1367+00	1369+50	250
		1367+00	1382+00	1500
		1382+00	1387+67	567
STAGE IC MOT-8	SOLID (Y) AT BARRIER WALL	1367+00	1382+00	1500
MOT-9	SOLID (Y) AT BARRIER WALL	1382+00	1394+50	1250
STAGE ID MOT-10	SOLID (Y) AT BARRIER WALL	1367+00	1371+48	448
MOT-11	SOLID (Y) AT BARRIER WALL	1387+44	1391+47	403
STAGE I MOT-12	SOLID (Y) AT BARRIER WALL	1412+00	1427+00	1500
		1427+00	1442+00	1500
MOT-13	SOLID (Y) AT BARRIER WALL	1442+00	1457+00	1500
		1457+00	1472+00	1500
MOT-14	SOLID (Y) AT BARRIER WALL	1472+00	1487+00	1500
		1487+00	1502+00	1500
MOT-15	SOLID (Y) AT BARRIER WALL	1502+00	1517+00	1500
		1517+00	1530+00	1300
MOT-16	SOLID (Y) AT BARRIER WALL	3530+00	3553+90	2,390
MOT-17	SOLID (Y) AT BARRIER WALL	3553+90	3577+90	2,400
MOT-18	SOLID (Y) AT BARRIER WALL	3577+90	3601+90	2,400
MOT-19	SOLID (Y) AT BARRIER WALL	3601+90	3625+90	2,400
MOT-20	SOLID (Y) AT BARRIER WALL	3625+90	3644+40	1,850
			TOTAL	32,439



SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING, TYPE III 4" (FOOT)
STAGE IA MOT-4	SOLID (Y)	1363+37	1367+00	363
	SOLID (Y)	1367+00	1382+00	1500
	SOLID (W)	1363+37	1367+00	363
	SOLID (Y)	1367+00	1377+21	1021
	SOLID (Y)	1369+45	1378+05	860
	SOLID (Y)	1369+45	1382+00	1255
MOT-5	SOLID (Y)	1382+00	1397+00	1500
	SOLID (W)	1382+00	1388+75	675
	SOLID (W)	3388+77	3396+74	797
	6'S - 2'D (W)	3390+70	3396+74	151
	6'S - 2'D (W)	3396+74	3399+55	70
	SOLID (Y)	3396+74	3400+33	359
	SOLID (Y)	3396+74	3411+46	359
	SOLID (W)	3400+33	3411+46	1113
	SOLID (Y)	3400+33	3406+92	659
	SOLID (W)	3404+33	3406+92	259
	SOLID (Y)	3404+59	3411+46	687
	6'S - 2'D (W)	3411+37	3411+46	2
STAGE IB MOT-6	SOLID (Y)	1363+16	1367+00	384
	SOLID (W)	1365+54	1367+00	146
	SOLID (W)	1367+00	1370+00	300
	SOLID (Y)	1367+00	1370+00	300
	SOLID (W)	1367+00	1382+00	1500
MOT-7	SOLID (W)	3382+00	3388+77	677
	SOLID (W)	3389+68	3396+74	706
	SOLID (W)	3396+74	3400+33	359
STAGE IC MOT-8	SOLID (W)	1362+29	1367+00	471
	SOLID (Y)	1362+29	1367+00	471
	SOLID (W)	1367+00	1377+21	1021
	SOLID (Y)	1367+00	1382+00	1500
	SOLID (W)	1377+45	1382+00	455
MOT-8	SOLID (W)	3382+00	3388+86	686
STAGE ID MOT-10	SOLID (W)	1367+00	1377+21	1021
	6'S - 2'D (W)	1368+71	1371+75	76
	SOLID (Y)	1367+00	1382+00	1500
	SOLID (W)	1377+45	1382+00	455
MOT-11	SOLID (W)	3382+00	3388+77	677
	SOLID (Y)	3382+00	3396+74	1476
	6'S - 2'D (W)	3390+70	3396+74	151
	SOLID (W)	3388+86	3396+74	788
	6'S - 2'D (W)	3396+74	3399+55	70
	SOLID (W)	3396+74	3399+55	281
	SOLID (Y)	3411+46	3426+94	1548
	SOLID (W)	3411+46	3426+94	1548
	6'S - 2'D (W)	3411+46	3416+87	135
STAGE I MOT-12	SOLID (Y)	3426+94	3441+95	1501
	SOLID (W)	3426+94	3430+78	384
	SOLID (W)	3430+78	3437+83	705
	SOLID (W)	3437+83	3441+95	412
	6'S - 2'D (W)	3432+79	3436+02	81
MOT-13	SOLID (Y)	3441+95	3456+94	1499
	SOLID (W)	3441+95	3456+94	1499
	SOLID (W)	3456+94	3463+03	609
	6'S - 2'D (W)	3457+92	3461+30	85
	SOLID (W)	3463+03	3471+94	891
	SOLID (Y)	3456+94	3471+94	1500
MOT-14	SOLID (W)	3471+94	3486+94	1500
	SOLID (Y)	3471+94	3486+94	1500
	SOLID (W)	3486+94	3501+92	1498
	SOLID (Y)	3486+94	3501+92	1498
	6'S - 2'D (W)	3490+76	3494+98	106
MOT-15	SOLID (W)	3501+92	3516+08	1416
	SOLID (W)	3516+08	3516+92	84
	SOLID (Y)	3501+92	3516+92	1500
	6'S - 2'D (W)	3512+21	3515+18	74
	SOLID (W)	3516+92	3530+16	1324
	SOLID (Y)	3516+92	3530+16	1324
MOT-22	SOLID (Y)	3411+36	3427+00	1564
	SOLID (Y)	3427+00	3442+00	1500
MOT-23	SOLID (Y)	1442+00	1457+00	1500
	SOLID (W)	1449+26	1457+00	774
	SOLID (Y)	1457+00	1472+00	1500
	SOLID (W)	1457+00	1472+00	1500
MOT-24	SOLID (Y)	1472+00	1487+00	1500
	SOLID (W)	1472+00	1487+00	1500
	SOLID (Y)	1487+00	1502+00	1500
	SOLID (W)	1487+00	1502+00	1500
MOT-25	SOLID (Y)	1502+00	1517+00	1500
	SOLID (W)	1502+00	1515+41	1341
	SOLID (Y)	1517+00	1530+00	1300

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING TAPE, TYPE III 4" (FOOT)
STAGE 1 MOT-16	SOLID (W)	3530+00	3540+64	1,064
	SOLID (W)	3548+41	3553+90	549
	SOLID (Y)	3530+00	3553+90	2,390
	6'S - 2'D (W)	3543+87	3547+61	94
MOT-17	SOLID (W)	3553+90	3561+47	757
	SOLID (W)	3571+96	3577+90	594
	SOLID (Y)	3553+90	3577+90	2,400
	6'S - 2'D (W)	3565+49	3570+89	135
MOT-18	SOLID (W)	3577+90	3583+09	519
	SOLID (W)	3591+17	3601+90	1,073
	SOLID (Y)	3577+90	3601+90	2,400
	6'S - 2'D (W)	3583+09	3587+82	118
MOT-19	SOLID (W)	3601+90	3605+95	405
	SOLID (W)	3609+26	3619+00	974
	SOLID (W)	3621+38	3622+80	143
	SOLID (W)	3625+74	3625+90	16
	SOLID (Y)	3601+90	3625+90	2,400
	6'S - 2'D (W)	3607+43	3609+26	46
	6'S - 2'D (W)	3620+78	3624+78	100
MOT-20	SOLID (W)	3625+90	3635+95	1,005
	SOLID (Y)	3625+90	3645+66	1,976
	6'S - 2'D (W)	3633+40	3638+93	138
MOT-21	SOLID (Y)	SB FRANKLIN CONNECTOR		1,620
STAGE 2 MOT-26	SOLID (W)	0711+19	0722+00	1,081
	SOLID (W)	3551+33	3553+90	258
	SOLID (Y)	3530+00	3536+03	603
	SOLID (Y)	0711+19	0722+00	1,081
	SOLID (Y)	3551+33	3553+90	258
MOT-27	SOLID (W)	3553+90	3626+90	7,300
	SOLID (Y)	3553+90	3626+90	7,300
	6'S - 2'D (W)	3630+03	3637+15	178
			TOTAL	109,139

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/09

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

SCALE: =NTS
DATE: 07/07/05

DRAWN BY: RA
CHECKED BY: RR

166509940/CVINS/SHEETS/660/28/MOT SCH/DZ/gj

MSCH-03
8/11/2009 8:56:21 PM

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	MARKING , TYPE III 5" (FOOT)
STAGE IA MOT-4	30'S - 10'D (W)	1363+37 1363+37 1367+00 1367+00	1367+00 1367+00 1382+00 1382+00	91 91 375 375
MOT-5	30'S - 10'D (W)	3382+00 3382+00 3396+74 3396+74 3400+33 3400+33 3404+59	3396+74 3396+74 3400+33 3400+33 3411+46 3411+46 3405+69	369 369 90 90 278 278 28
STAGE IB MOT-6	30'S - 10'D (W)	1362+16	1367+00	121
STAGE IC MOT-8	30'S - 10'D (W)	1362+29 1362+29 1367+00 1367+00	1367+00 1367+00 1371+24 1382+00	118 118 106 375
MOT-9	30'S - 10'D (W)	3382+01 3391+75	3393+89 3393+89	297 54
STAGE ID MOT-10	30'S - 10'D (W)	1367+00 1367+00	1382+00 1382+00	375 375
MOT-11	30'S - 10'D (W)	3382+00 3382+00	3391+45 3391+45	236 236
STAGE I MOT-12	30'S - 10'D (W)	3411+46 3411+46 3426+94 3426+94	3426+94 3426+94 3441+95 3441+95	387 387 375 375
MOT-13	30'S - 10'D (W)	3441+95 3441+95 3456+94 3456+94	3456+94 3456+94 3471+94 3471+94	375 375 375 375
MOT-14	30'S - 10'D (W)	3471+94 3471+94 3486+94 3486+94	3486+94 3486+94 3501+92 3501+92	375 375 375 375
MOT-15	30'S - 10'D (W)	3501+92 3501+92 3516+92 3516+92 3516+92	3516+92 3516+92 3530+16 3530+16 3530+16	375 375 331 331 331
STAGE 2 MOT-22	30'S - 10'D (W)	3421+90 3427+00	3427+00 3442+00	128 375
MOT-25	30'S - 10'D (W)	3442+00	3443+92	48
STAGE 1 MOT-16	30'S - 10'D (W)	3530+00	3553+90	1,195
MOT-17	30'S - 10'D (W)	3553+90	3577+90	1,200
MOT-18	30'S - 10'D (W)	3577+90	3601+90	1,200
MOT-19	30'S - 10'D (W)	3601+90	3625+90	1,200
MOT-20	30'S - 10'D (W)	3625+90	3635+95	503
STAGE 2 MOT-26	30'S - 10'D (W)	3530+00	3536+03	151
	TOTAL			16,776

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING , TYPE III 8" (FOOT)
STAGE IA MOT-4	@ GORES	1363+37 1363+37	1369+46 1369+46	609 609
MOT-5	@ GORES	3388+77 3388+77 3406+92 3406+92	3390+70 3390+70 3411+37 3411+37	193 193 445 445
STAGE IB MOT-6	@ GORES	1363+16 1363+16	1367+00 1367+00	384 384
MOT-7	@ GORES	3388+77 3388+77	3393+50 3393+50	473 473
STAGE IC MOT-8	@ GORES	1371+24 1371+24	1377+45 1377+45	621 621
MOT-9	@ GORES	3388+86 3388+86	3391+75 3391+75	289 289
STAGE ID MOT-10	@ GORES	1371+75 1371+75	1377+45 1377+45	570 570
MOT-11	@ GORES	3388+77 3388+77	3390+70 3390+70	193 193
STAGE I MOT-12	@ GORES	3430+78 3430+78 3436+02 3436+02	3432+79 3432+79 3437+83 3437+83	201 201 181 181
MOT-13	@ GORES	3461+30 3461+30	3463+03 3463+03	173 173
MOT-14	@ GORES	3486+89 3486+89	3490+70 3490+70	381 381
MOT-15	@ GORES	3515+18 3515+18	3516+08 3516+08	90 90
STAGE II MOT-22	@ GORES	3411+36 3443+92	3415+37 3449+26	401 534
MOT-25	@ GORES	3515+41 3515+41 3516+92 3516+92 3516+92 3525+17	3516+92 3516+92 3522+17 3522+17 3525+17 3530+16	151 151 525 525 825 125
MOT-16	SOLID (W) @ GORE SOLID (W) @ GORE	3540+64 3547+61	3543+87 3548+41	516 80
MOT-17	SOLID (W) @ GORE SOLID (W) @ GORE	3561+47 3570+89	3565+49 3571+96	402 107
MOT-18	SOLID (W) @ GORE	3587+82	3591+17	335
MOT-19	SOLID (W) @ GORE SOLID (W) @ GORE SOLID (W) @ GORE	3605+95 3619+00 3624+78	3607+43 3620+78 3625+71	148 178 186
STAGE 2 MOT-26	SOLID (W) @ MERGE	0722+00	0726+55	1,365
MOT-27	SOLID (W) @ BREAK SOLID (W) SOLID (W) @ MERGE	3626+57 3630+03 3637+15 3637+15	3630+03 3637+15 3640+00 3640+00	692 712 285
	TOTAL			17,324

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING , TYPE III 12" (FOOT)
STAGE IA MOT-4	@ GORE (DIAGONAL)	1363+37	1369+46	410
MOT-5	@ GORE (DIAGONAL)	3388+77 3406+92	3390+70 3411+37	100 196
STAGE IB MOT-6	@ GORE (DIAGONAL)	1363+16	1367+00	143
MOT-7	@ GORE (DIAGONAL)	3388+77	3388+77	205
STAGE IC MOT-8	@ GORE (DIAGONAL)	1371+24	1377+45	147
MOT-9	@ GORE (DIAGONAL)	3388+86	3391+75	58
STAGE ID MOT-10	@ GORE (DIAGONAL)	1371+75	1377+45	618
MOT-11	@ GORE (DIAGONAL)	3388+77	3390+70	99
STAGE I MOT-12	@ GORE (DIAGONAL)	3430+78 3436+02	3432+79 3437+83	100 77
MOT-13	@ GORE (DIAGONAL)	3461+30	3463+03	42
MOT-14	@ GORE (DIAGONAL)	1486+89	1490+76	119
MOT-22	@ GORE (DIAGONAL) @ SHLDR. (DIAGONAL)	3443+92 1411+50	3449+26 1442+00	337 36
MOT-23	@ SHLDR. (DIAGONAL)	1442+00	1472+00	123
MOT-24	@ SHLDR. (DIAGONAL)	1472+00	1502+00	140
MOT-25	@ GORE (DIAGONAL)	3515+41	3522+17	393
STAGE 1 MOT-19	DIAGONAL 30' C-C	3624+78	3625+71	30
STAGE 2	SHLDR DIAGONAL	3530+00	3626+33	545
	TOTAL			3,916

SHEET NUMBER	STATION	TO STATION	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR (EACH)
STAGE 1 MOT-16	3540+50.00	3553+87.30	27
MOT-17	3553+87.30 3556+40.00 3566+30.00	3555+60.00 3565+50.00 3575+15.00	4 18 18
MOT-18	3576+55.00 3582+90.00	3581+80.00 3601+87.30	11 38
MOT-19	3601+87.30 3609+45.00	3608+45.00 3621+85.00	13 25
MOT-20	3622+65.00	3638+00.00	31
	TOTAL		184

SHEET NUMBER	DESCRIPTION	STATION	TO STATION	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR (EACH)
STAGE 1 MOT-16		3530+00.00	3540+50.00	21
MOT-17	UNDER 43RD ST. BRIDGE UNDER ROOT ST. BRIDGE UNDER RAILROAD BRIDGE			2 2 3
MOT-18	UNDER PERSHING RD. BRIDGE			2
MOT-19	UNDER 35TH ST. BRIDGE UNDER 33RD ST. BRIDGE			2 2
MOT-20		3638+00.00	3644+40.00	

REVISIONS NAME	DATE
ADDENDUM 1	8/12/05

MSCH-04
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC SCHEDULE
SCALE: =NTS DRAWN BY: RA
DATE: 07/07/05 CHECKED BY: RR

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

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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	598	30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62302 *1818, ETC, 2324.6-1PIR-9

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	EPOXY PAVEMENT MARKING - LINE 4" (FOOT)	
PMK-1	4" YELLOW EDGE LINE	1367+00	1382+00	1500	
	4" YELLOW EDGE LINE	1377+45	1378+06	61	
	4" WHITE EDGE LINE	1367+00	1377+21	1021	
	4" WHITE EDGE LINE	1373+50	1379+48	598	
	4" WHITE EDGE LINE	1377+45	1382+00	455	
	4" WHITE SKIP DASH	1367+00	1370+76	94	
PMK-2	4" WHITE SKIP DASH	1373+50	1379+48	150	
	4" YELLOW EDGE LINE	1382+00	1397+00	1500	
	4" WHITE EDGE LINE	1390+99	1397+00	601	
	4" YELLOW EDGE LINE	1390+96	1397+00	604	
	4" WHITE EDGE LINE	3382+01	3388+85	684	
	4" WHITE SKIP DASH	3392+49	3396+74	106	
PMK-3	4" WHITE EDGE LINE	3388+85	3396+74	789	
	4" YELLOW EDGE LINE	1397+00	1412+00	1500	
	4" WHITE EDGE LINE	1397+00	1412+00	1500	
	4" WHITE SKIP DASH	3396+74	3400+07	83	
	4" WHITE EDGE LINE	3396+74	3411+46	1472	
	4" YELLOW EDGE LINE	3396+74	3406+92	1018	
	4" WHITE EDGE LINE	3405+69	3406+92	123	
	4" YELLOW EDGE LINE	3405+69	3411+46	577	
	PMK-4	4" WHITE EDGE LINE	3411+46	3426+94	1548
		4" YELLOW EDGE LINE	3411+46	3426+94	1548
4" WHITE SKIP DASH		3420+15	3421+89	44	
4" YELLOW EDGE LINE		1412+00	1427+00	1500	
4" WHITE EDGE LINE		1412+00	1427+00	1500	
4" WHITE EDGE LINE		3426+94	3430+79	385	
4" WHITE EDGE LINE		3430+79	3437+83	704	
4" WHITE EDGE LINE		3437+83	3441+95	412	
4" YELLOW EDGE LINE		3426+94	3441+95	1501	
4" WHITE SKIP DASH		3432+91	3435+81	73	
4" YELLOW EDGE LINE		1427+00	1442+00	1500	
4" WHITE EDGE LINE		1427+00	1442+00	1500	
PMK-5	4" YELLOW EDGE LINE	1442+00	1457+00	1500	
	4" WHITE EDGE LINE	1442+00	1454+67	1267	
	4" YELLOW EDGE LINE	302+95	315+67	1272	
	4" WHITE EDGE LINE	310+26	317+95	769	
	4" WHITE EDGE LINE	3441+95	3456+94	1499	
	4" WHITE SKIP DASH	3456+11	3456+94	21	
	4" YELLOW EDGE LINE	3449+26	3456+94	768	
	4" WHITE SKIP DASH	3456+94	3458+98	51	
	4" WHITE EDGE LINE	3456+94	3463+07	613	
	4" WHITE EDGE LINE	3463+07	3471+94	887	
	4" YELLOW EDGE LINE	3456+94	3471+94	1500	
	4" WHITE EDGE LINE	1457+00	1472+00	1500	
	4" YELLOW EDGE LINE	1457+00	1472+00	1500	
	PMK-6	4" YELLOW EDGE LINE	3471+94	3486+94	1500
4" WHITE EDGE LINE		3471+94	3486+94	1500	
4" YELLOW EDGE LINE		1472+00	1487+00	1500	
4" WHITE EDGE LINE		1472+00	1487+00	1500	
4" YELLOW EDGE LINE		3486+94	3501+92	1498	
4" WHITE EDGE LINE		3486+94	3501+92	1498	
4" WHITE SKIP DASH		3493+25	3497+51	107	
4" YELLOW EDGE LINE		1487+00	1502+00	1500	
4" WHITE EDGE LINE		1487+00	1502+00	1500	
4" WHITE EDGE LINE		1487+00	1502+00	1500	

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	EPOXY PAVEMENT MARKING - LINE 4" (FOOT)
PMK-6	4" WHITE EDGE LINE	3501+92	3516+11	1419
	4" YELLOW EDGE LINE	3501+92	3515+51	1359
	4" WHITE SKIP DASH	3510+76	3513+74	75
	4" WHITE EDGE LINE	3516+11	3516+92	81
	4" YELLOW EDGE LINE	1502+00	1517+00	1500
	4" WHITE EDGE LINE	1502+00	1515+51	1351
	4" YELLOW EDGE LINE	1512+56	1517+00	444
	4" WHITE EDGE LINE	1512+56	1517+00	444
	4" YELLOW EDGE LINE	3516+92	3530+16	1324
	4" WHITE EDGE LINE	3516+92	3530+16	1324
PMK-7	4" YELLOW EDGE LINE	1517+00	1530+00	1300
	4" WHITE EDGE LINE	1517+00	1530+00	1300
	EXPRESS			
	SOLID (W)	1530+00	1540+80	1,080
	SOLID (Y)	1530+00	1554+00	2,400
	SB SLIP RAMP			
	SOLID (W)	0709+00	0719+92	1,092
	LOCAL			
	SOLID (W)	3530+00	3540+00	1,000
	SOLID (W)	3548+41	3554+90	649
	SOLID (Y)	3530+00	3540+80	1,080
PMK-8	SOLID (Y)	3540+75	3554+90	1,415
	6'S - 2'D (W)	3543+88	3547+50	362
	EXPRESS			
	SOLID (W)	1554+00	1578+00	2,400
	SOLID (Y)	1554+00	1578+00	2,400
	LOCAL			
	SOLID (W)	3554+90	3561+47	657
	SOLID (W)	3571+96	3577+90	594
PMK-9	SOLID (Y)	3554+90	3577+90	2,300
	6'S - 2'D (W)	3565+64	3570+00	109
	EXPRESS			
	SOLID (W)	1578+00	1602+00	2,400
	SOLID (Y)	1578+00	1602+00	2,400
	LOCAL			
PMK-10	SOLID (W)	3577+90	3583+10	520
	SOLID (W)	3591+17	3601+90	1,073
	SOLID (Y)	3577+90	3601+90	2,400
	6'S - 2'D (W)	3582+19	3587+50	133
	EXPRESS			
	SOLID (W)	1602+00	1626+00	2,400
	SOLID (Y)	1602+00	1626+00	2,400
	LOCAL			
	SOLID (W)	3601+90	3605+95	405
	SOLID (W)	3609+40	3619+00	960
	SOLID (Y)	3601+90	3625+90	2,400
PMK-11	SOLID (Y)	3625+65	3625+90	25
	6'S - 2'D (W)	3607+64	3609+47	46
	6'S - 2'D (W)	3621+00	3624+95	99
	EXPRESS			
	SOLID (W)	1626+00	1643+77	1,777
PMK-1	SOLID (Y)	1626+00	1644+22	1,822
	LOCAL			
	SOLID (W)	3625+90	3635+95	1,005
	SOLID (Y)	3625+90	3635+95	1,005
	6'S - 2'D (W)	3629+82	3638+93	228
	TOTAL			104,855

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	EPOXY PAVEMENT MARKING - LINE 5" (FOOT)
PMK-1	5" WHITE SKIP DASH	1367+00	1382+00	375
	5" WHITE SKIP DASH	1367+00	1382+00	375
	5" WHITE SKIP DASH	1367+00	1373+50	163
	5" WHITE SKIP DASH	1379+48	1382+00	63
PMK-2	5" WHITE SKIP DASH	3382+01	3396+74	368
	5" WHITE SKIP DASH	1382+00	1397+00	375
	5" WHITE SKIP DASH	1382+00	1397+00	375
	5" WHITE SKIP DASH	3396+74	3411+46	368
	5" WHITE SKIP DASH	1397+00	1412+00	375
	5" WHITE SKIP DASH	1397+00	1412+00	375
PMK-3	5" WHITE SKIP DASH	3405+69	3411+46	144
	5" WHITE SKIP DASH	3411+46	3426+94	387
	5" WHITE SKIP DASH	3411+46	3420+15	217
	5" WHITE SKIP DASH	3413+23	3426+94	343
	5" WHITE SKIP DASH	1412+00	1427+00	375
	5" WHITE SKIP DASH	1412+00	1427+00	375
	5" WHITE SKIP DASH	3426+94	3441+95	375
PMK-4	5" WHITE SKIP DASH	3426+94	3441+95	375
	5" WHITE SKIP DASH	1427+00	1442+00	375
	5" WHITE SKIP DASH	1427+00	1442+00	375
	5" WHITE SKIP DASH	3441+95	3456+94	375
	5" WHITE SKIP DASH	3441+95	3443+73	45
	5" WHITE SKIP DASH	1442+00	1457+00	375
PMK-5	5" WHITE SKIP DASH	1442+00	1457+00	375
	5" WHITE SKIP DASH	3456+94	3471+94	375
	5" WHITE SKIP DASH	1457+00	1472+00	375
	5" WHITE SKIP DASH	1457+00	1472+00	375
	5" WHITE SKIP DASH	3471+94	3486+94	375
	5" WHITE SKIP DASH	1472+97	1487+00	351
PMK-6	5" WHITE SKIP DASH	1472+00	1487+00	375
	5" WHITE SKIP DASH	1472+00	1487+00	375
	5" WHITE SKIP DASH	3486+94	3501+92	375
	5" WHITE SKIP DASH	1487+00	1502+00	375
	5" WHITE SKIP DASH	1487+00	1502+00	375
	5" WHITE SKIP DASH	1487+00	1502+00	375
	5" WHITE SKIP DASH	3501+92	3516+92	375
	5" WHITE SKIP DASH	1502+00	1507+88	147
	5" WHITE SKIP DASH	1502+00	1517+00	375
	5" WHITE SKIP DASH	1502+00	1517+00	375
PMK-7	5" WHITE SKIP DASH	3516+92	3530+16	331
	5" WHITE SKIP DASH	3528+23	3530+16	48
	5" WHITE SKIP DASH	1517+00	1530+00	325
	5" WHITE SKIP DASH	1517+00	1530+00	325
	5" WHITE SKIP DASH	3601+90	3605+95	405
	5" WHITE SKIP DASH	3619+00	3619+00	960
	5" WHITE SKIP DASH	3601+90	3625+90	2,400
PMK-8	5" WHITE SKIP DASH	3625+65	3625+90	25
	5" WHITE SKIP DASH	3607+64	3609+47	46
	5" WHITE SKIP DASH	3621+00	3624+95	99
	5" WHITE SKIP DASH	1626+00	1643+77	1,777
	5" WHITE SKIP DASH	1626+00	1644+22	1,822
	5" WHITE SKIP DASH	3625+90	3635+95	1,005
PMK-9	5" WHITE SKIP DASH	3625+90	3635+95	1,005
	5" WHITE SKIP DASH	3629+82	3638+93	228
	5" WHITE SKIP DASH	1640+70	1640+70	1,103
	5" WHITE SKIP DASH	1640+70	1644+20	175
PMK-10	5" WHITE SKIP DASH	3625+90	3635+95	503
	5" WHITE SKIP DASH	3625+90	3635+95	405
	5" WHITE SKIP DASH	3635+95	3635+95	405
	5" WHITE SKIP DASH	3635+95	3635+95	405
PMK-11	5" WHITE SKIP DASH	3635+95	3635+95	405
	5" WHITE SKIP DASH	3635+95	3635+95	405
	5" WHITE SKIP DASH	3635+95	3635+95	405
	5" WHITE SKIP DASH	3635+95	3635+95	405
TOTAL				254

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	EPOXY PAVEMENT MARKING - LINE 5" (FOOT)
PMK-7	EXPRESS			
	30'S - 10'D (W)	1530+00	1554+00	1,200
	LOCAL			
PMK-8	30'S - 10'D (W)	3530+00	3543+25	581
	30'S - 10'D (W)	3543+25	3554+90	1,083
	EXPRESS			
PMK-9	30'S - 10'D (W)	1554+00	1559+45	273
	30'S - 10'D (W)	1559+45	1578+00	1,391
	LOCAL			
	30'S - 10'D (W)	3554+90	3577+90	1,150
PMK-10	EXPRESS			
	30'S - 10'D (W)	1578+00	1602+00	1,800
	LOCAL			
PMK-11	30'S - 10'D (W)	3577+90	3601+90	1,200
	EXPRESS			
	30'S - 10'D (W)	1602+00	1626+00	1,800
PMK-12	30'S - 10'D (W)	3601+90	3625+90	1,200
	EXPRESS			
	30'S - 10'D (W)	1626+00	1640+70	1,103
	30'S - 10'D (W)	1640+70	1644+20	175
PMK-13	LOCAL			
	30'S - 10'D (W)	3625+90	3635+95	503
	30'S - 10'D (W)	3635+95	3635+95	405
	30'S - 10'D (W)	SB FRANKLIN	CONNECTOR	405
TOTAL				27,987

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

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

SCALE: =NTS
DATE: 07/07/05

DRAWN BY: RA
CHECKED BY: RR

953322 PM 07/11/2005

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	EPOXY PAVEMENT MARKING - LINE 8" (FOOT)	
PMK-1	8" WHITE GORE LINE	1370+76	1377+45	669	
	8" WHITE GORE LINE	1370+76	1377+45	669	
	8" WHITE GORE LINE	1379+48	1382+00	252	
	8" WHITE GORE LINE	1379+48	1382+00	252	
PMK-2	8" WHITE GORE LINE	1382+00	1390+96	896	
	8" WHITE GORE LINE	1382+00	1390+99	899	
	8" WHITE GORE LINE	3406+92	3411+46	454	
	8" WHITE GORE LINE	3406+92	3411+46	454	
	8" WHITE GORE LINE	1390+96	1391+44	48	
	8" WHITE GORE LINE	1390+99	1391+44	45	
	8" WHITE GORE LINE	3388+85	3392+49	364	
	8" WHITE GORE LINE	3388+85	3392+49	364	
PMK-3	8" WHITE GORE LINE	3430+79	3432+91	212	
	8" WHITE GORE LINE	3430+79	3432+91	212	
	8" WHITE GORE LINE	3435+81	3437+83	202	
	8" WHITE GORE LINE	3435+81	3437+83	202	
	8" WHITE GORE LINE	3411+46	3413+23	177	
	8" WHITE GORE LINE	3411+46	3413+23	177	
PMK-4	8" WHITE GORE LINE	3443+73	3449+26	553	
	8" WHITE GORE LINE	3443+73	3449+26	553	
	8" WHITE GORE LINE	1454+67	1457+00	233	
	8" WHITE GORE LINE	1454+67	1457+00	233	
	8" WHITE GORE LINE	1457+00	1457+00	297	
	8" WHITE GORE LINE	1457+00	1459+97	297	
	8" WHITE GORE LINE	1459+97	1459+97	300	
	8" WHITE SKIP DASH	1462+97	1472+00	226	
	8" WHITE GORE LINE	3458+98	3463+07	409	
	8" WHITE GORE LINE	3458+98	3463+07	409	
	PMK-5	8" WHITE SKIP DASH	1472+00	1472+97	24
		8" WHITE GORE LINE	3486+88	3493+25	637
8" WHITE GORE LINE		3486+88	3493+25	637	
PMK-6	8" WHITE GORE LINE	1507+88	1512+56	468	
	8" WHITE GORE LINE	1507+88	1512+56	468	
	8" WHITE GORE LINE	3513+74	3516+11	237	
	8" WHITE GORE LINE	3513+74	3516+11	237	
	8" WHITE GORE LINE	3515+59	3516+11	141	
	8" WHITE GORE LINE	3515+59	3516+92	141	
	8" WHITE GORE LINE	3516+92	3516+92	718	
	8" WHITE GORE LINE	3524+10	3524+10	718	
	8" WHITE GORE LINE	3516+92	3524+10	718	
	8" WHITE SKIP DASH	3524+10	3528+23	103	

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	EPOXY PAVEMENT MARKING - LINE 8" (FOOT)
PMK-7	EXPRESS			
	GORE	1540+80	1551+45	2,129
	SOLID (W)	1551+45	1554+00	255
	LOCAL			
	GORE	3540+00	3543+88	582
PMK-8	GORE	3537+24	3540+75	700
	GORE	3547+50	3548+50	100
	12'S - 3'D (W)	3530+00	3537+24	145
	EXPRESS			
PMK-9	SOLID (W)	1554+00	1554+45	45
	12'S - 3'D (W)	1554+45	1559+45	100
	LOCAL			
PMK-10	GORE	3561+47	3565+64	388
	GORE	3570+00	3571+96	285
	LOCAL			
PMK-11	GORE	3587+50	3591+17	400
	GORE	3605+95	3607+64	191
PMK-12	GORE	3619+00	3621+00	221
	GORE	3624+95	3625+65	140
	GORE	1640+70	1644+20	700
TOTAL				20,967

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	EPOXY PAVEMENT MARKING - LINE 12" (FOOT)
PMK-1	12" GORE TAPE	1370+76	1377+45	358.25
	12" GORE TAPE	1379+48	1382+00	29.50
	12" SHOULDER TAPE	1367+00	1382+00	46.50
PMK-2	12" GORE TAPE	1382+00	1390+99	431.75
	12" GORE TAPE	3388+85	3392+49	140.50
	12" GORE TAPE	3406+92	3411+46	260.25
	12" SHOULDER TAPE	1382+00	1412+00	257
PMK-3	12" GORE TAPE	3430+79	3432+91	130.25
	12" GORE TAPE	3435+81	3437+83	124.75
	12" SHOULDER TAPE	1412+00	1442+00	243.50
PMK-4	12" GORE TAPE	3443+73	3449+26	299.00
	12" GORE TAPE	1454+67	1457+00	104.75
	12" GORE TAPE	1457+00	1459+97	65.25
	12" GORE TAPE	3459+98	3463+07	167.75
	12" SHOULDER TAPE	1442+00	1472+00	169.50
PMK-5	12" GORE TAPE	3486+88	3493+25	373.50
	12" SHOULDER TAPE	1472+00	1502+00	220.00
PMK-6	12" GORE TAPE	1507+88	1512+56	173.75
	12" GORE TAPE	3513+74	3516+11	50.25
	12" GORE TAPE	3515+59	3516+92	204.25
	12" GORE TAPE	3516+92	3524+10	439.75
	12" SHOULDER TAPE	1502+00	1530+00	207.5
PMK-7	EXPRESS			
	GORE	1540+80	1551+45	490
	LOCAL			
PMK-8	GORE	3537+24	3540+75	234
	GORE	3540+00	3543+87	33
PMK-9	LOCAL			
	GORE	3561+47	3565+64	48
PMK-10	GORE	3571+96	3570+00	10
	LOCAL			
PMK-11	LOCAL			
	GORE	3587+50	3591+17	140
PMK-12	LOCAL			
	GORE	3605+95	3607+64	24
	GORE	3619+00	3621+00	24
	GORE	3624+95	3625+90	10
TOTAL				5,511

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

SCALE: =NTS
DATE: 07/07/05

DRAWN BY: RA
CHECKED BY: RR

PSCH-02

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	32
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62302 • (1818, ETC. 2324.6-1)R-9				

SIGN NO.	ES1-01	130161094R059.5	ES2-05	PS1-02	PS2-01	PS2-02	PS2-03	PS2-04	ES4-01	ES4-02	ES4-03	PS4-01	PS4-02	1B0161094R058.2	1C016194R058.2	ES5-01	ES6-01	1C0161094R57.0	PS6-01	PS6-03	ES6-02	ES6-0
STATION	1367+00	1379+48.01	1385+70	1386+50	1396+67	1395+00	3395+00	3396+00	3449+30	1450+80	1452+10	3349+30	1454+67	1462+62.82	1486+00	1486+75	1513+40	1514+00	1512+56	1515+25	1515+00	1518+53
ROUTE	94	94		94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
SIZE (HEIGHTxLENGTH)	10'-6"x8'-0"	(10'-6"x8')x2	FND	4'-6"x4'-6"	4'x4'	(4'-6"x4'-6")x2	5'x8'	6'-6"x8'	4'x4'	4'x4'	SPAN	4'x4'	4'x4'	12'-6"x21'	12'-6"x21'	SPAN	SPAN	12'-6"x21'	4'x4'	4'x4'	4'x4'	4'x4'
TOTAL																						
SIGN PANEL - TYPE 1	SQ FT	320																				
SIGN PANEL - TYPE 2	SQ FT	227			20.3	16	40.5					16	16							16	16	
SIGN PANEL - TYPE 3	SQ FT	2342	84	168				40	52						263	263				263		
SIGN PANEL OVERLAY	SQ FT	3																				
REMOVE SIGN PANEL - TYPE 2	SQ FT	32								16	16										16	16
REMOVE SIGN PANEL - TYPE 3	SQ FT	1364	120																			
RELOCATE SIGN PANEL - TYPE 3	SQ FT	948															300					
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	3150																				
TELESCOPING STEEL SIGN SUPPORT	FOOT	88										12	12							12	12	
WOOD SIGN SUPPORT	FOOT	448			12.5	12.5	25															
OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	217																				
OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	66.7																				
CONCRETE FOUNDATIONS	CU YD	10																				
OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")	FOOT	62													33						29	
OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	84			52									32								
OVERHEAD SIGN STRUCTURE WALKWAY	FOOT	282			53									32								
DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	189																			10	
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	9														1	1					
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	18														2	2					
REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	2			1	1																
OVERHEAD SIGN STRUCTURE WALKWAY, CANTILEVER	FOOT	46																			21	
TEMPORARY INFORMATION SIGNING	SQ FT	759																				
OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	56																				

FOOT

SIGN NO.	TS4-02	TS6-01	TS13-01	TS13-02	TS14-01	TS4-03	TS4-01	TS9-04	DMS
STATION	3405+00	3405+00	1414+00	1414+00	3552+10				1476+22.5
ROUTE	94	94	94	94	94				94
SIZE (HEIGHTxLENGTH)	2'x12'	7'x12'-6"	2'6"x16'	2'-6"x15'-6"	7'x10'-6"	7'-6"x6'x3	2'-12"	2'-6"x6'x8"	SPAN
SIGN PANEL - TYPE 1	SQ FT								
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 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								66.7
OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT								
CONCRETE FOUNDATIONS	CU YD								34.4
OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")	FOOT								
OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT								
OVERHEAD SIGN STRUCTURE WALKWAY	FOOT								
DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD								
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH								
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH								
REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH								
OVERHEAD SIGN STRUCTURE WALKWAY, CANTILEVER	FOOT								
TEMPORARY INFORMATION SIGNING	SQ FT	24	87.5	40	48	73.5			
OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT								56

SCH-01

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

SCALE: NONE
 DATE: 07/07/05

DRAWN BY: RV
 CHECKED BY: MSA

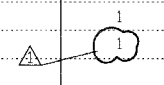


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PAY ITEM	SIGN NO.	TS17-01	ISO161094 R156.68	ES07-01	W4-1	W12-1	PS07-03	PS07-04	ES07-02	TS17-02	ISO161094 R156.30	ES07-03		ISO161094 R156.03	ES08-01	TS18-01	ES08-02	TS18-02	ISO161094 R055.83	ES09-01	ISO161094 R055.64	TS19-01		
	STATION			3533+68	3540+02	3540+90	3530+20	3545+00	3545+77	3545+82	3550+87	3546+71	3546+71	3546+71	3566+35	3566+36	3566+50	3566+96	3576+50	3576+87	3583+92	3586+80	3593+00	
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	I-94	
SIZE (HEIGHTxLENGTH)		10'-6"x13'		9'-6"x14'	4'x4'	4'x4'	4.5'x6'	4.5'x6'	8'x11'	8'x11'	13'x28' 13'x16'	13'x28' 13'x16'	13'x28' 13'x16'		8'x11' 8'x11'	8'x11'		8'x11'	10'-6"x20' 10'-6"x16'	8'x11' 8'x11'	8'-6"x20'-1"	8'x11'	8'x11'	
UNIT																								
SIGN PANEL - TYPE 1	SQ FT																							
SIGN PANEL - TYPE 2	SQ FT				16	16	27	27																
SIGN PANEL - TYPE 3	SQ FT												572											
SIGN PANEL OVERLAY	SQ FT																							
REMOVE SIGN PANEL - TYPE 2	SQ FT																							
REMOVE SIGN PANEL - TYPE 3	SQ FT									88				572	24		176							
RELOCATE SIGN PANEL-TYPE 3	SQ FT																							
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND																							
TELESCOPING STEEL SIGN SUPPORT	FOOT				12	12																		
WOOD SIGN SUPPORT	FOOT																							
OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT													77.3										
OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT																							
CONCRETE FOUNDATIONS	CU YD																							
OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")	FOOT																							
OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT																							
OVERHEAD SIGN STRUCTURE WALKWAY	FOOT																							
DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD		12.2																					
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH																							
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH																							
REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH																							
OVERHEAD SIGN STRUCTURE WALKWAY, CANTILEVER	FOOT																							
TEMPORARY INFORMATION SIGNING	SQ FT	136.5																						

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

PAY ITEM	SIGN NO.	IS0161094 R055.57	TS19-02	1C0161094 R055.33	TS20-01	ES10-01	IS0161094 R055.09	ES10-02	TS20-02	EXIT SIGNS	TS08-04	MILE MARKER	TS02-01	TS02-02 TS02-03	DETOUR GUIDE SIGNS	IS0161094 R056.47
	STATION	3596+00	3599+50	3603+12	3609+70	3610+41	3616+00	3623+63	3619+00		3666+23	VARIOUS	3666+23		VARIOUS	3543+00
ROUTE	I-94	I-94	I-94	I-94	I-94	I-94	I-94		I-94			I-94			S. ASHLAND AVE.	
SIZE (HEIGHTxLENGTH)		8'x11'	10'-6"x16'	8'x15' 1'x3'	8'x11' 8'x15'				8'x11'	7.5'x5'	8.5'x13'	3'x1'	5'x9'	4'x7.5' 1.5'x7.5'	1'x2' 2'x2'	
UNIT																
SIGN PANEL - TYPE 1	SQ FT											12			308	
SIGN PANEL - TYPE 2	SQ FT															
SIGN PANEL - TYPE 3	SQ FT			184						75						
SIGN PANEL OVERLAY	SQ FT				3											
REMOVE SIGN PANEL - TYPE 2	SQ FT															
REMOVE SIGN PANEL - TYPE 3	SQ FT					208										
RELOCATE SIGN PANEL-TYPE 3	SQ FT		88		120				88							
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND		450		450				450							
TELESCOPING STEEL SIGN SUPPORT	FOOT											16				
WOOD SIGN SUPPORT	FOOT									40					320	
OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT			70												
OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT															
CONCRETE FOUNDATIONS	CU YD		1.4		1.4				1.4							
OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")	FOOT															
OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT															
OVERHEAD SIGN STRUCTURE WALKWAY	FOOT			52												
DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	10		30.9			10									13.5
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH															
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH															
REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH															
OVERHEAD SIGN STRUCTURE WALKWAY, CANTILEVER	FOOT															
TEMPORARY INFORMATION SIGNING	SQ FT										111.0		45.0	83.0		



REVISIONS	
NAME	DATE

SCH-03

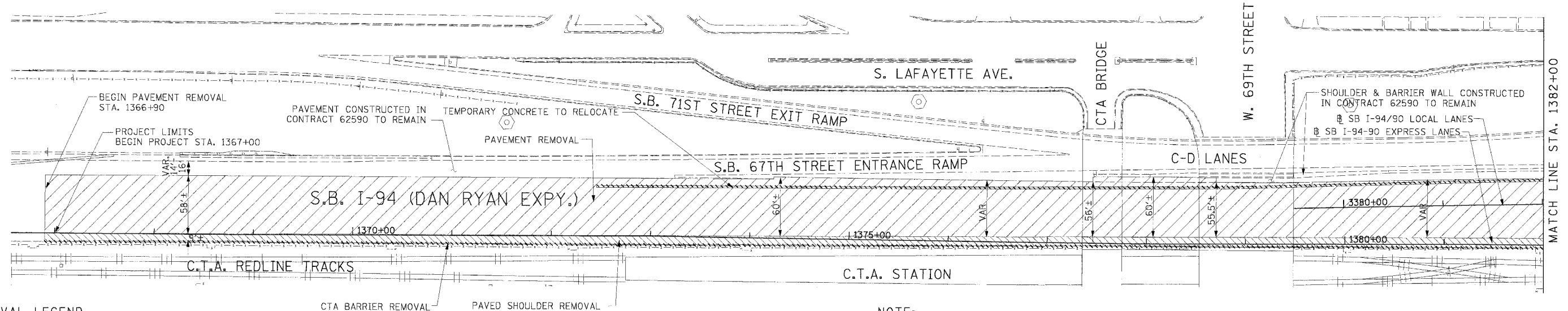
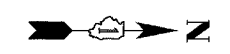
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 SIGN PANEL SCHEDULE

SCALE: NONE
 DATE: 07/07/05

DRAWN BY: RV
 CHECKED BY: MSA

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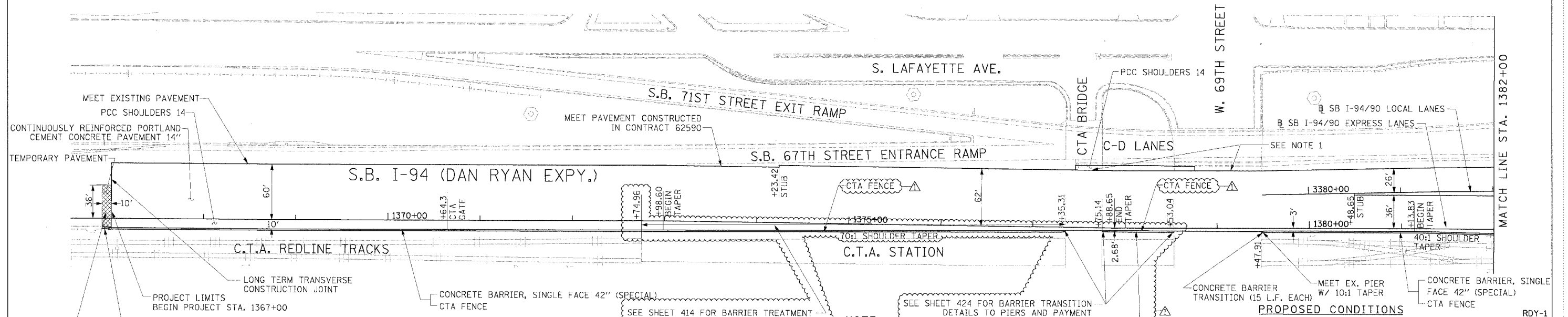
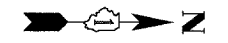
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	50
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	(1818, ETC.)	2324.6-1P1R-9		



- 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



NOTE:
1. BRIDGE OVER EXPRESS LANES OMITTED FOR CLARITY.
SEE SHEET 414 FOR BARRIER TREATMENT AT CTA STATION AND PAYMENT

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

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

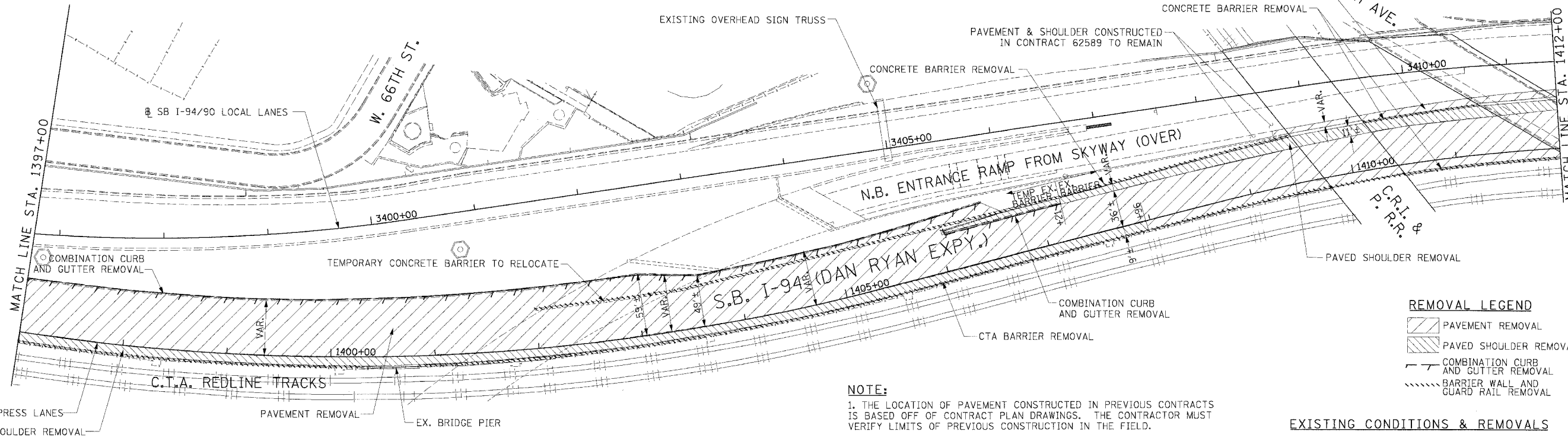
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1367+00 TO STA. 1382+00
 SCALE: 1"=50'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

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

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F.A.I. R/F:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	52
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	(1818, ETC, 2324.6-1P)R-9			

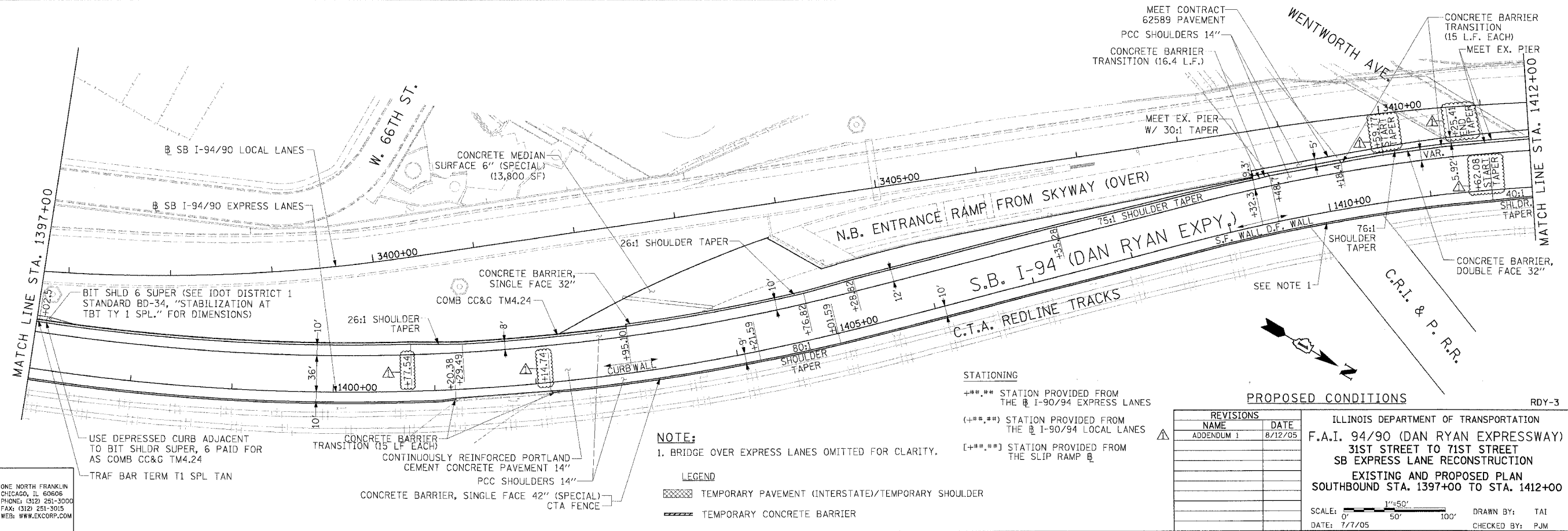


REMOVAL LEGEND

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

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

EXISTING CONDITIONS & REMOVALS



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

REVISIONS

NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1397+00 TO STA. 1412+00
 SCALE: 1"=50'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

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

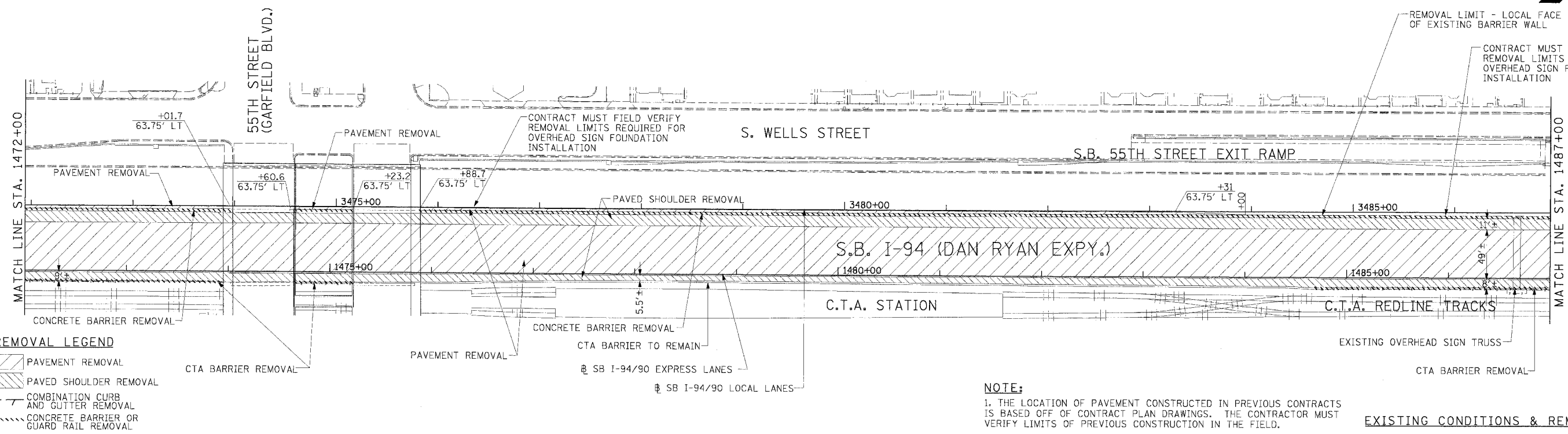
LEGEND

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

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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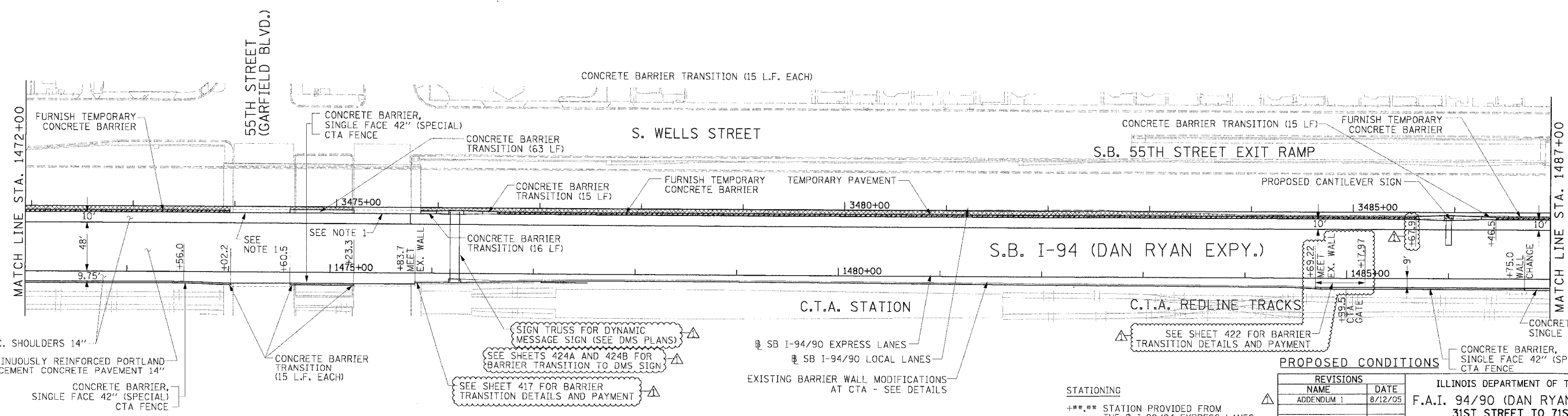
F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 57
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 62302		11818, ETC. 2324.6-1PR-9		



- 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



P.C.C. SHOULDERS 14"
CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14"
CONCRETE BARRIER, SINGLE FACE 42" (SPECIAL) CTA FENCE

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

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

STATIONING

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
EXISTING AND PROPOSED PLAN
SOUTHBOUND STA. 1472+00 TO STA. 1487+00

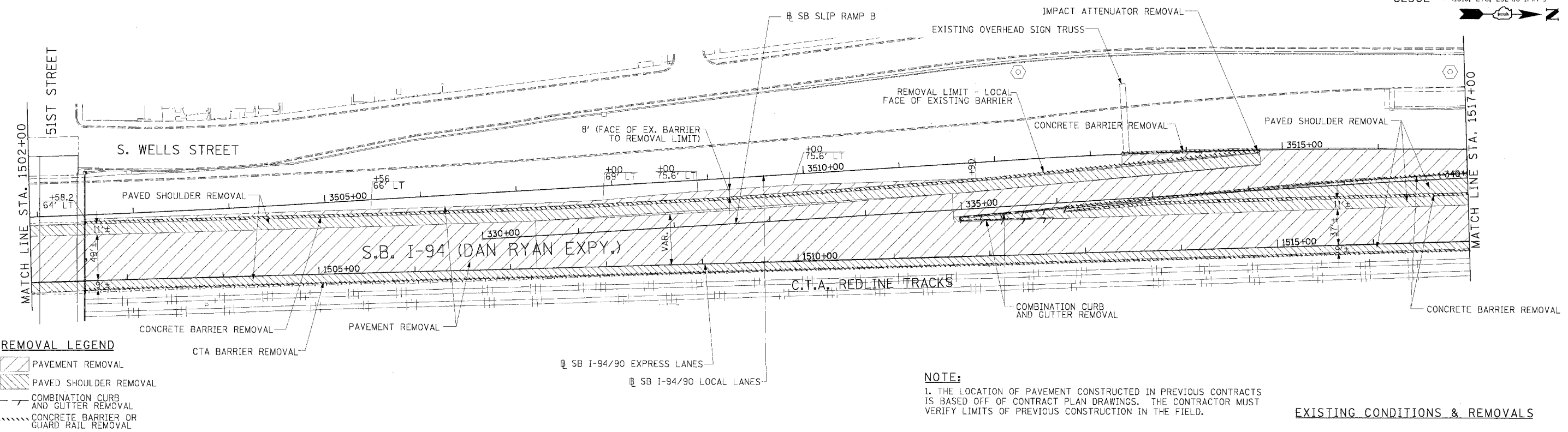
SCALE: 1"=50'
DATE: 7/7/05

DRAWN BY: TAI
CHECKED BY: PJM

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

08/10/2005 02:25:47 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	59
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		1818, ETC, 2324.6-IPR-9		

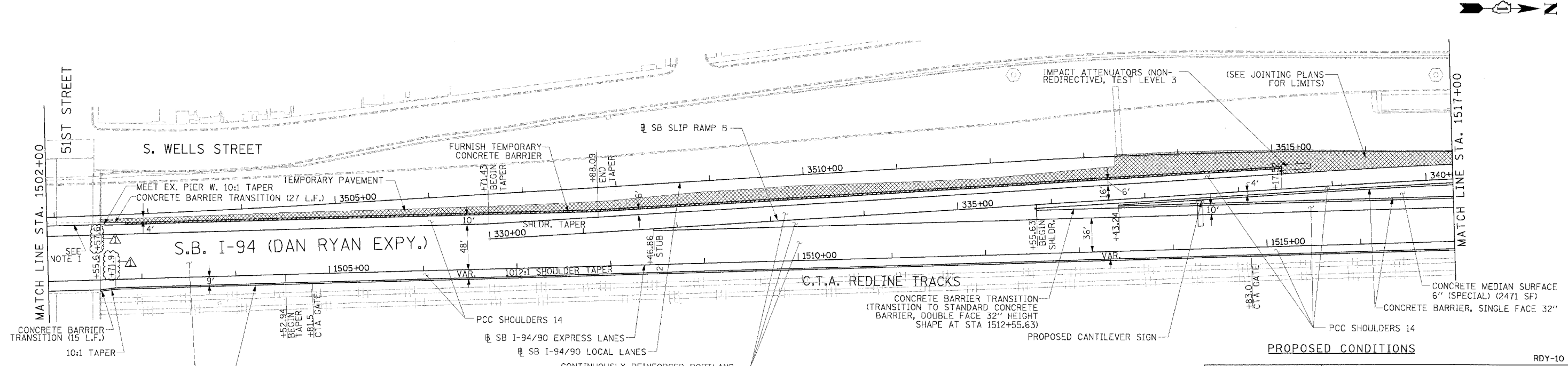


REMOVAL LEGEND

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

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

EXISTING CONDITIONS & REMOVALS



LEGEND

	TEMPORARY PAVEMENT (INTERSTATE)/TEMPORARY SHOULDER
	TEMPORARY PAVEMENT

STATIONING

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

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

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1502+00 TO STA. 1517+00

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

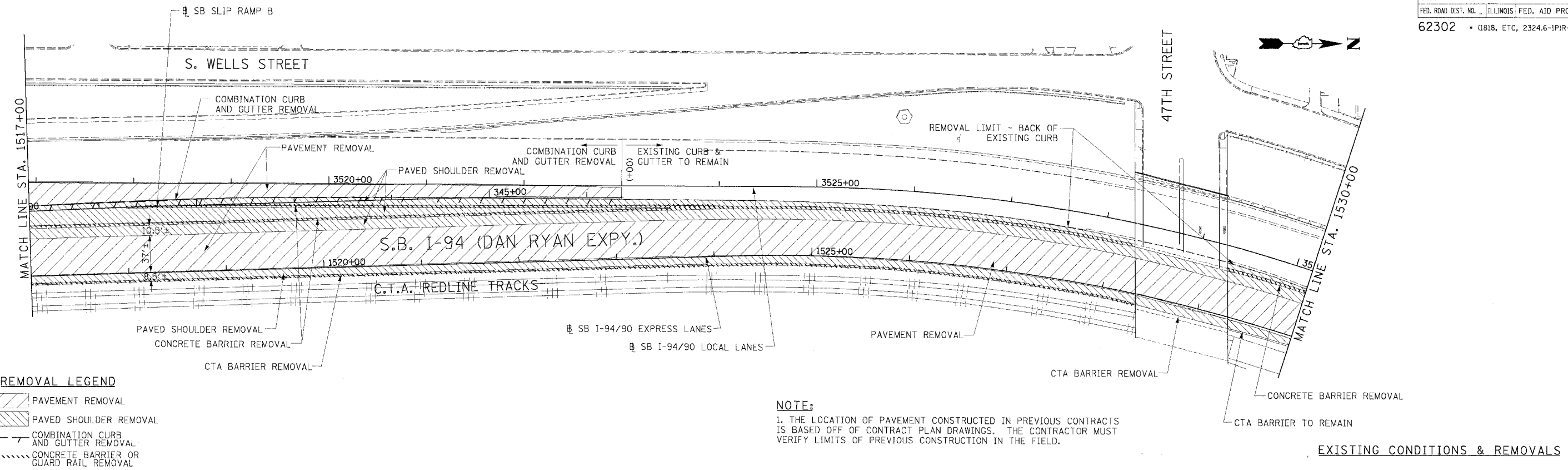
DRAWN BY: TAI
 CHECKED BY: PJM

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

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

RDY-10
08/10/2005 08:30:34 PM

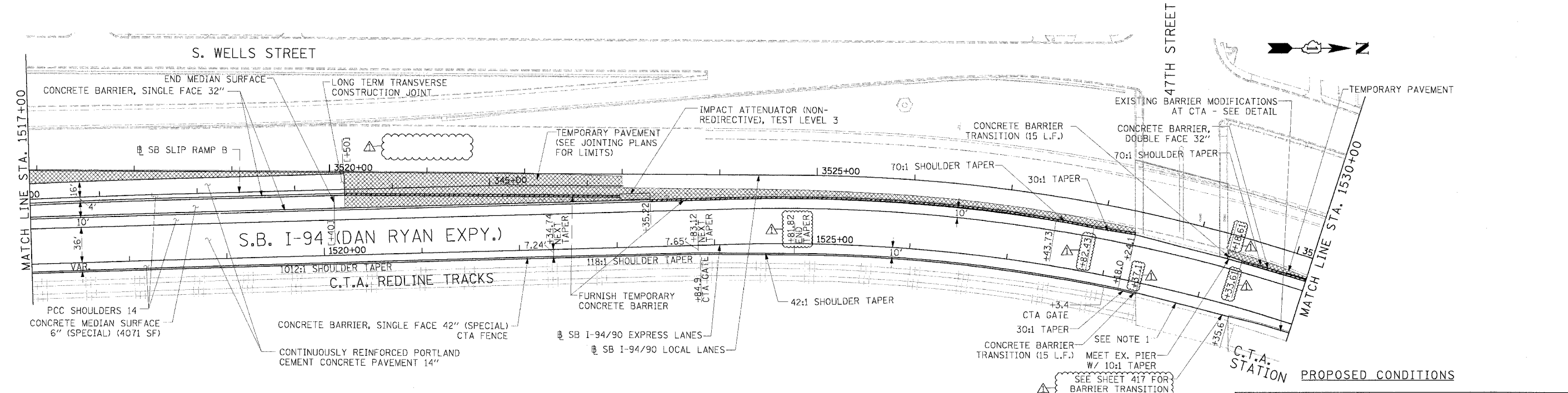
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	60
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	1815, ETC, 2324.6-1P/R-9			



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

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

EXISTING CONDITIONS & REMOVALS



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

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

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1517+00 TO STA. 1530+00

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

DRAWN BY: TAJ
 CHECKED BY: PJM

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

RDY-11
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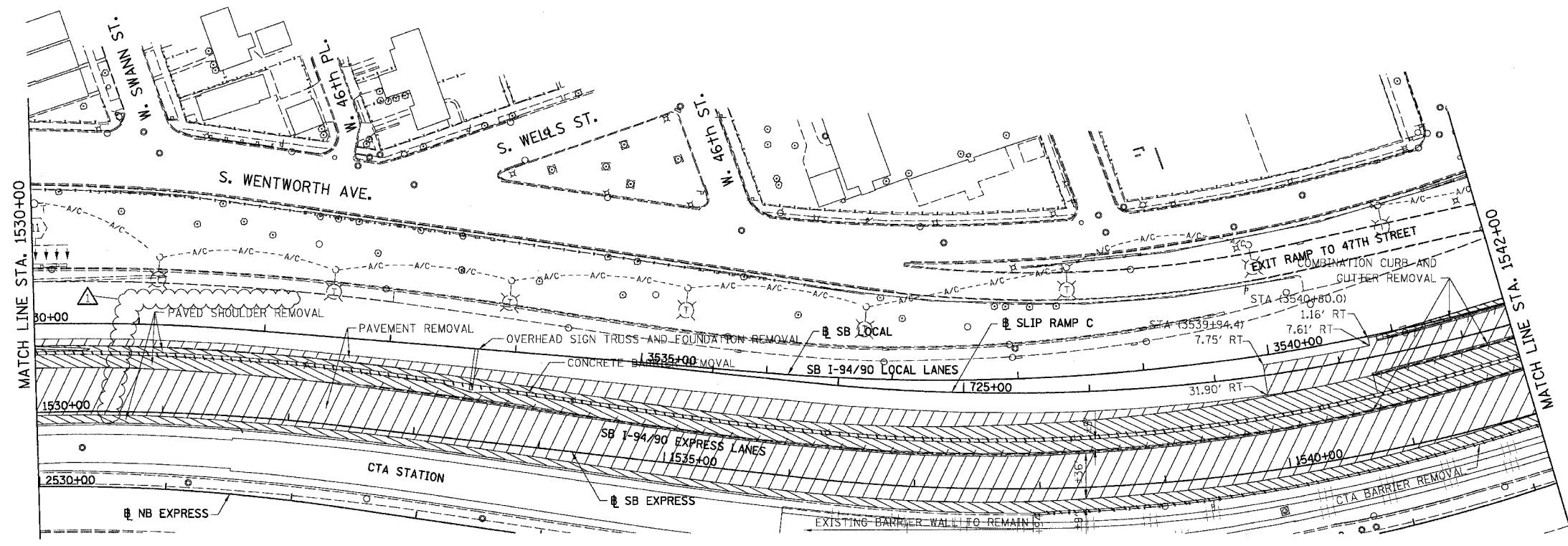
NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	61
STA. 1530+00		TO STA. 1542+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		*11818, ETC, 2324.6-1PR-9		



REMOVAL LEGEND

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



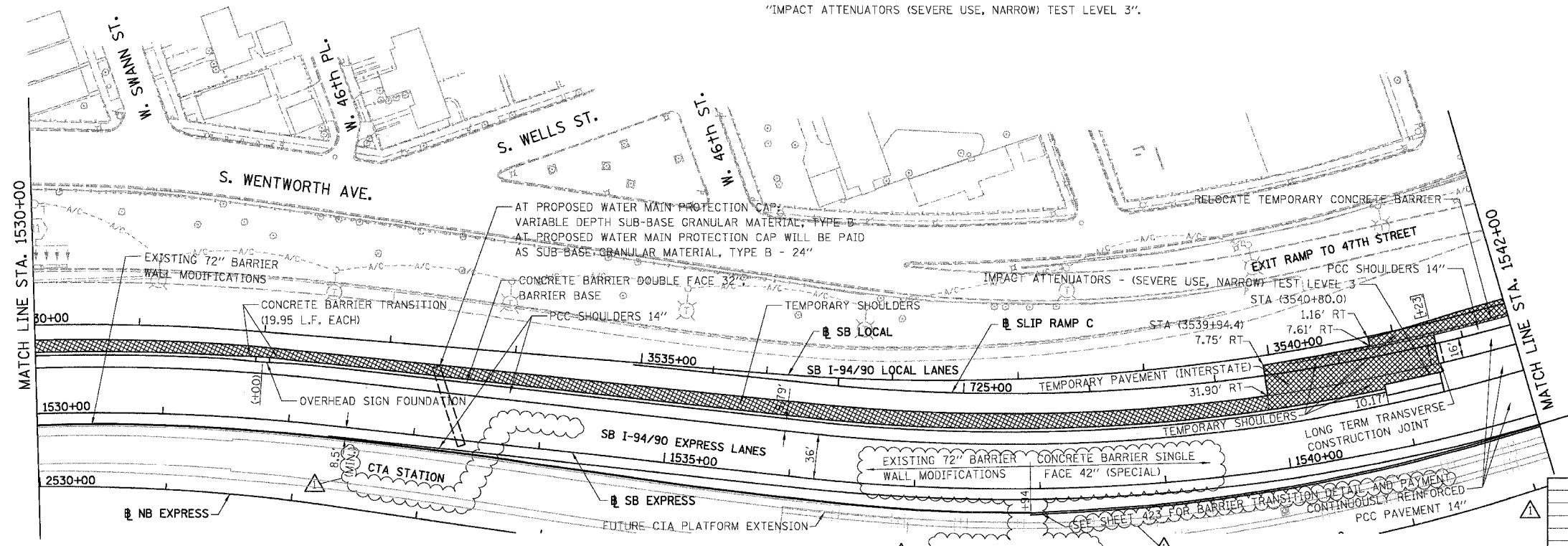
EXISTING CONDITIONS AND REMOVALS

NOTE: ALL MANUFACTURER SPECIFIED VERTICAL AND HORIZONTAL ANCHOR SYSTEMS AND PAVED PAD WILL BE INCLUDED IN THE UNIT COST OF "IMPACT ATTENUATORS (SEVERE USE, NARROW) TEST LEVEL 3".



PROPOSED LEGEND

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



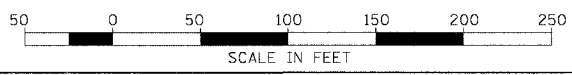
STATIONING
 +**.** STATION PROVIDED FROM THE SB I-94/90 EXPRESS LANES
 (+**.**)** STATION PROVIDED FROM THE SB I-94/90 LOCAL LANES
 [+**.**]** STATION PROVIDED FROM THE SLIP RAMP

PROPOSED CONDITIONS RDY-12

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1530+00 TO STA. 1542+00
 SCALE: 1"=50' DRAWN BY: TER
 DATE: 07/07/05 CHECKED BY: JDC

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2-33-28 PM 8/11/2005

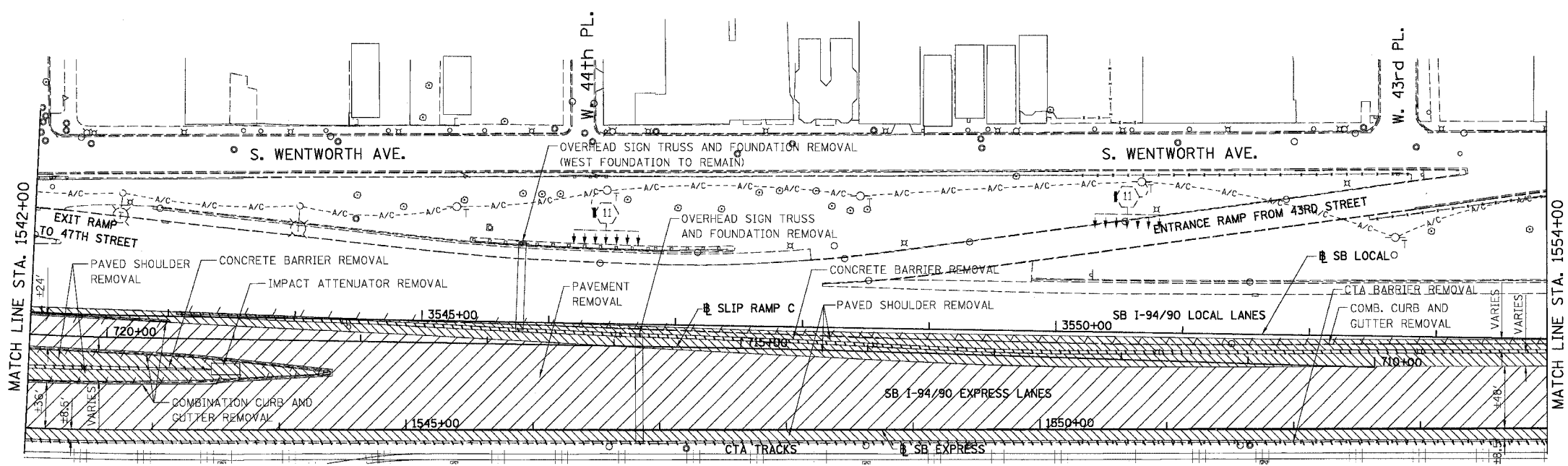
NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.



F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	998	62
STA. 1542+00		TO STA. 1554+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		*(1818, ETC, 2324.6-1PR-9		

REMOVAL LEGEND

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

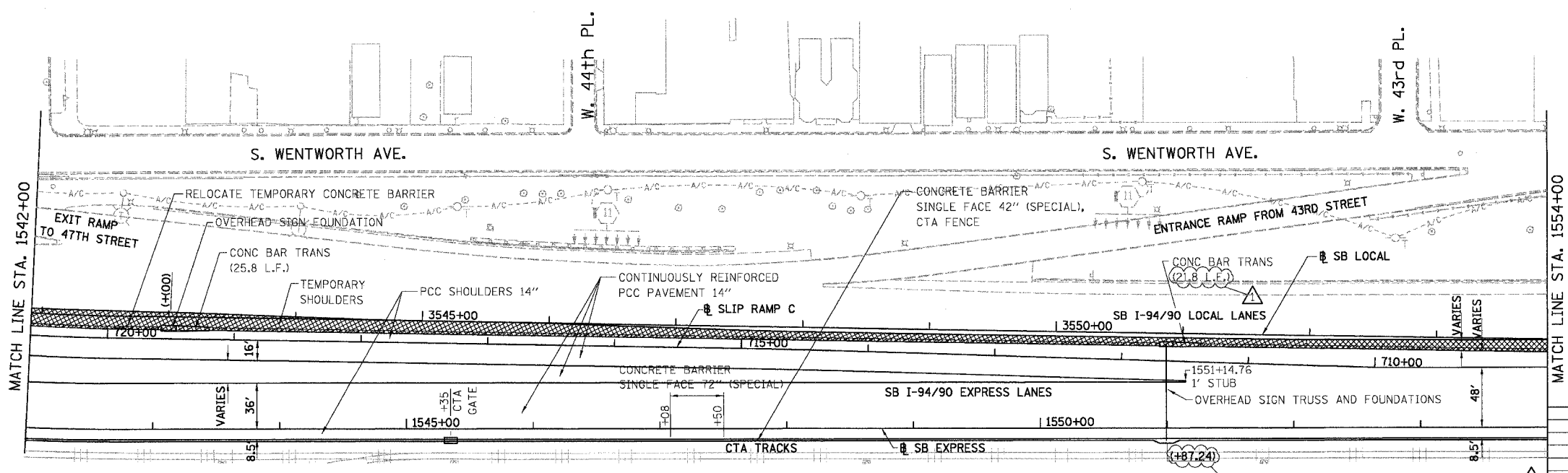


EXISTING CONDITIONS AND REMOVALS



PROPOSED LEGEND

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

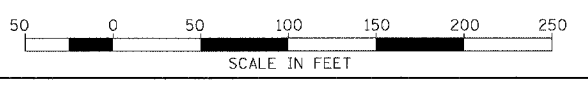


STATIONING
 +###.## STATION PROVIDED FROM THE SB I-94/90 EXPRESS LANES
 (+###.##) STATION PROVIDED FROM THE SB I-94/90 LOCAL LANES
 [###.##] STATION PROVIDED FROM THE SLIP RAMP

PROPOSED CONDITIONS

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

RDY-13
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1542+00 TO STA. 1554+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC



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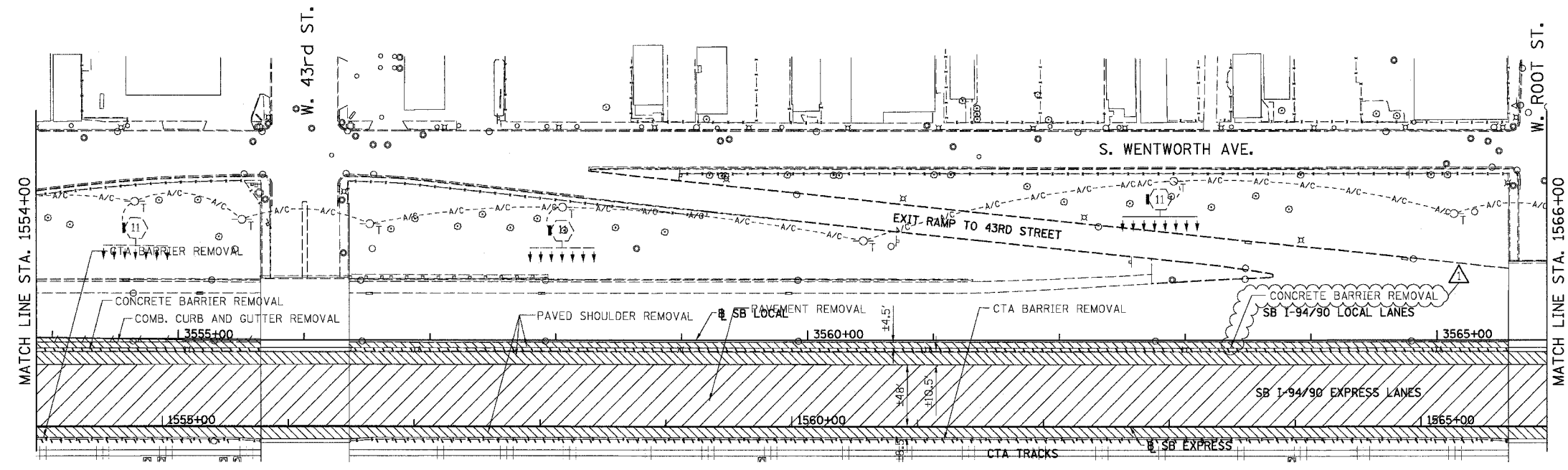
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NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	63
STA. 1554+00		TO STA. 1566+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*11818, ETC, 2324.6-1PR-9			

REMOVAL LEGEND

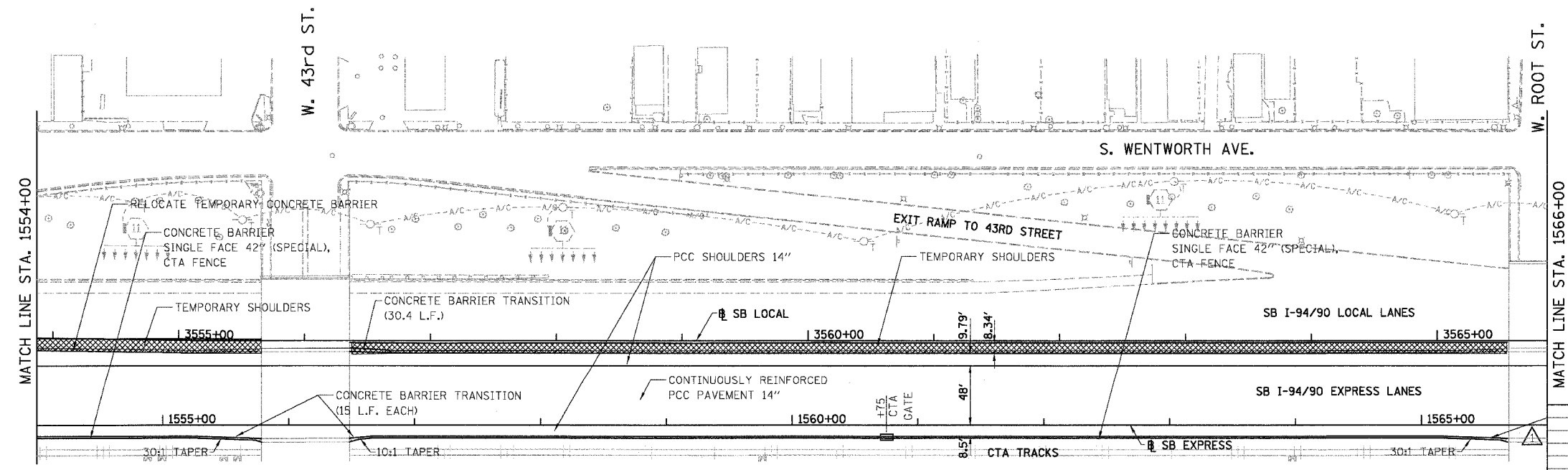
[Diagonal Hatching] PAVEMENT REMOVAL
[Diagonal Hatching] PAVED SHOULDER REMOVAL
[Dash-dot-dot] COMBINATION CURB AND GUTTER REMOVAL
[Dash-dot-dot] CONCRETE BARRIER OR GUARD RAIL REMOVAL



EXISTING CONDITIONS AND REMOVALS

PROPOSED LEGEND

[Diagonal Hatching] TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS
[Diagonal Hatching] TEMPORARY CONCRETE BARRIER

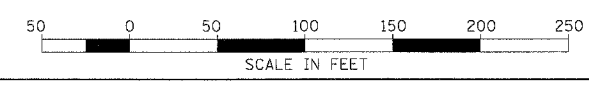


STATIONING
+###.## STATION PROVIDED FROM THE I-94/90 EXPRESS LANES
(#+#.##) STATION PROVIDED FROM THE I-94/90 LOCAL LANES
[+###.##] STATION PROVIDED FROM THE SLIP RAMP

PROPOSED CONDITIONS

RDY-14
ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) 31ST STREET TO 71ST STREET SB EXPRESS LANE RECONSTRUCTION EXISTING AND PROPOSED PLAN SOUTHBOUND STA. 1554+00 TO STA. 1566+00 SCALE: 1"=50' DRAWN BY: TER DATE: 07/07/05 CHECKED BY: JDC

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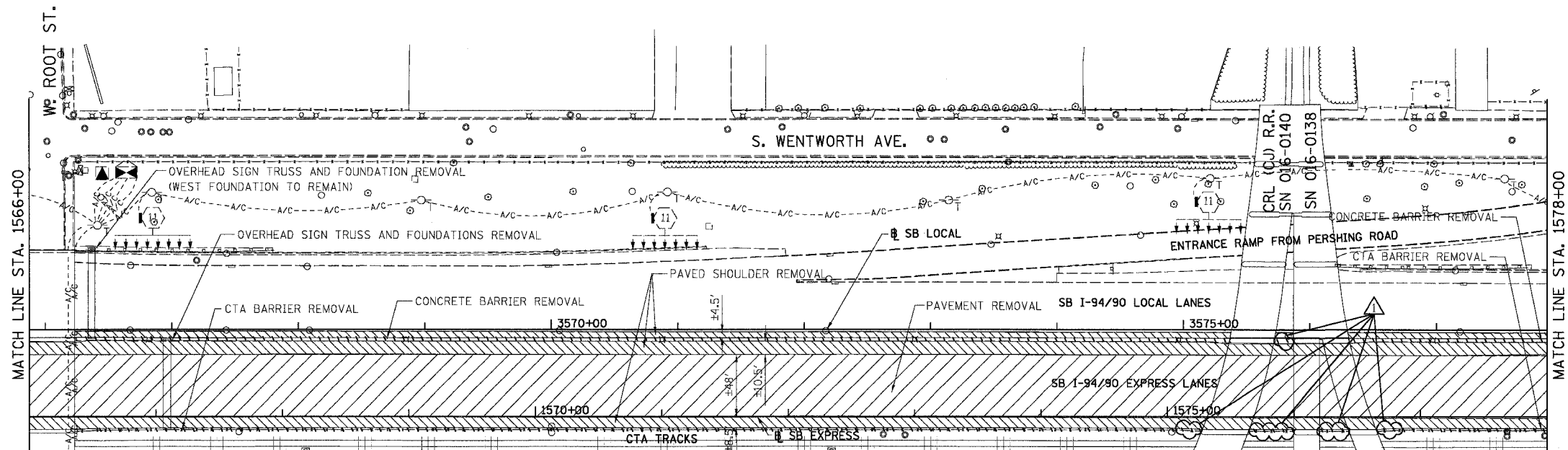
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NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	64
STA. 1566+00		TO STA. 1578+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		•(1818, ETC, 2324.6-1)PR-9		

REMOVAL LEGEND

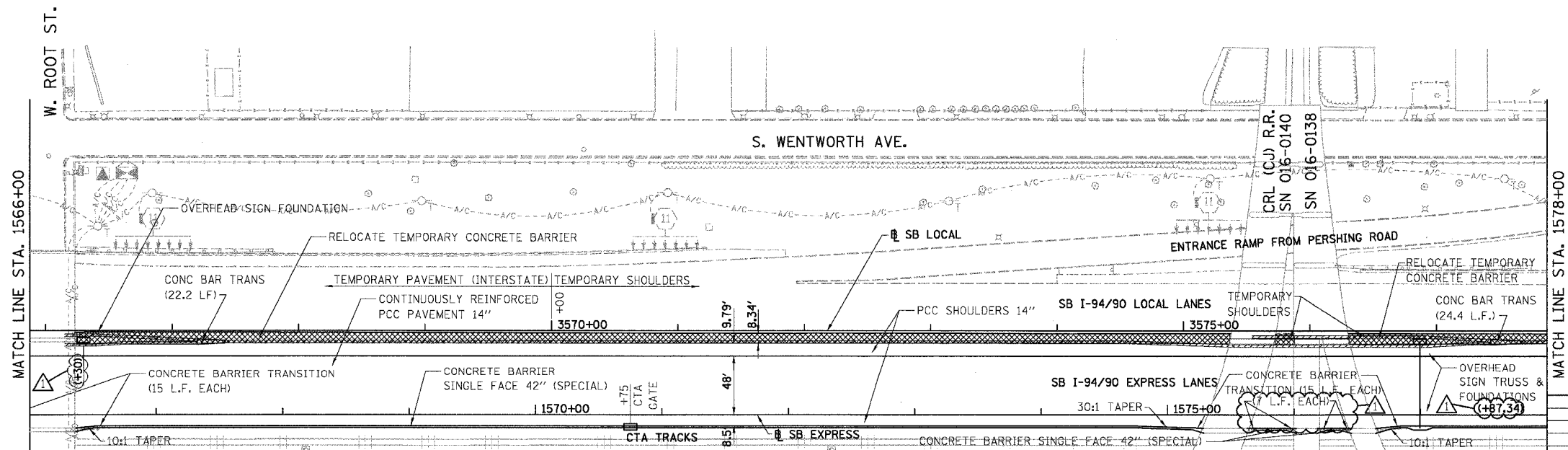
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- CONCRETE BARRIER OR GUARD RAIL REMOVAL



EXISTING CONDITIONS AND REMOVALS

PROPOSED LEGEND

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



PROPOSED CONDITIONS

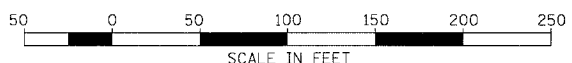
STATIONING

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

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

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

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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

RDY-15

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
EXISTING AND PROPOSED PLAN
SOUTHBOUND STA. 1566+00 TO STA. 1578+00
SCALE: 1"=50' DRAWN BY: TER
DATE: 07/07/05 CHECKED BY: JDC

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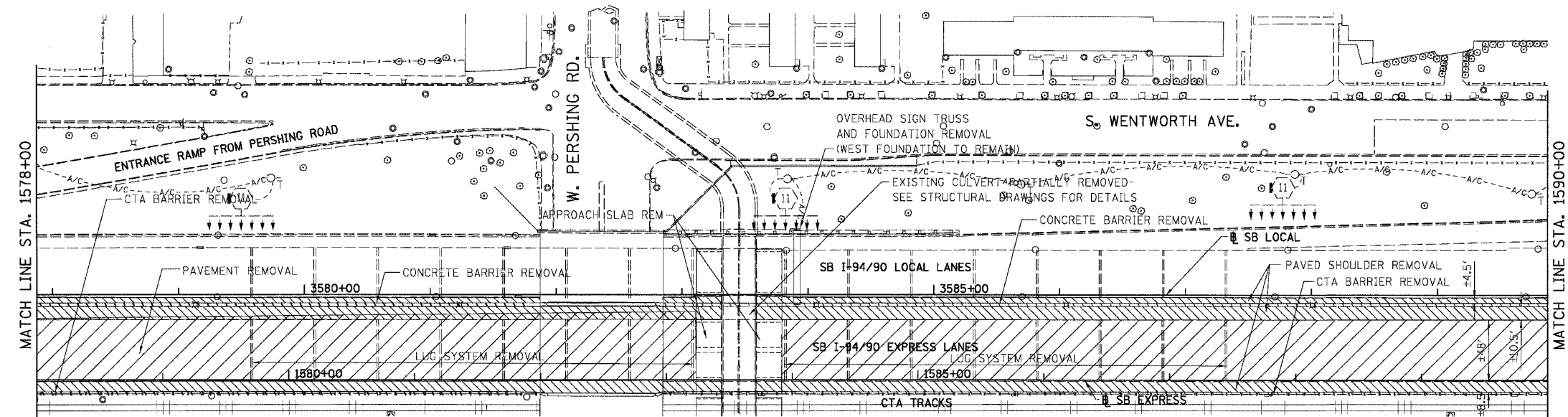
NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.



F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	65
STA. 1578+00		TO STA. 1590+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*1818, ETC., 2324.6-1P/R-9			

REMOVAL LEGEND

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

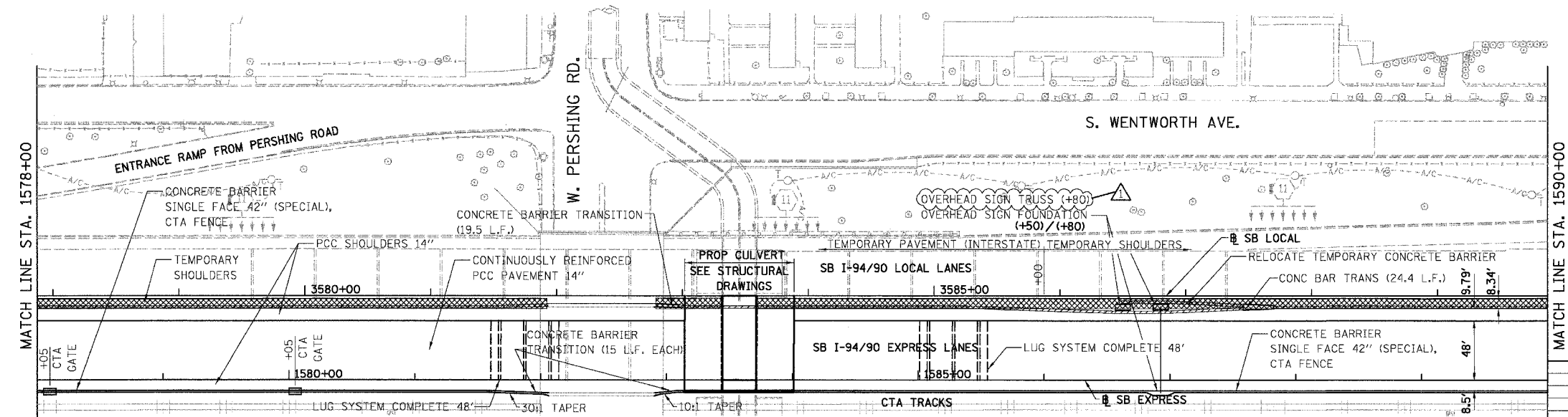


EXISTING CONDITIONS AND REMOVALS



PROPOSED LEGEND

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



STATIONING

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

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

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

PROPOSED CONDITIONS

REVISIONS	DATE
ADDENDUM 1	8/12/05

RDY-16

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

31ST STREET TO 71ST STREET

SB EXPRESS LANE RECONSTRUCTION

EXISTING AND PROPOSED PLAN

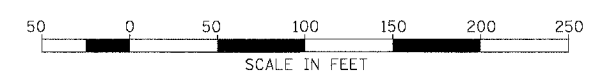
SOUTHBOUND STA. 1578+00 TO STA. 1590+00

SCALE: 1"=50'

DATE: 07/07/05

DRAWN BY: TER

CHECKED BY: JDC



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PAGE 65 OF 65 SHEETS 6601-5601-65-01-01

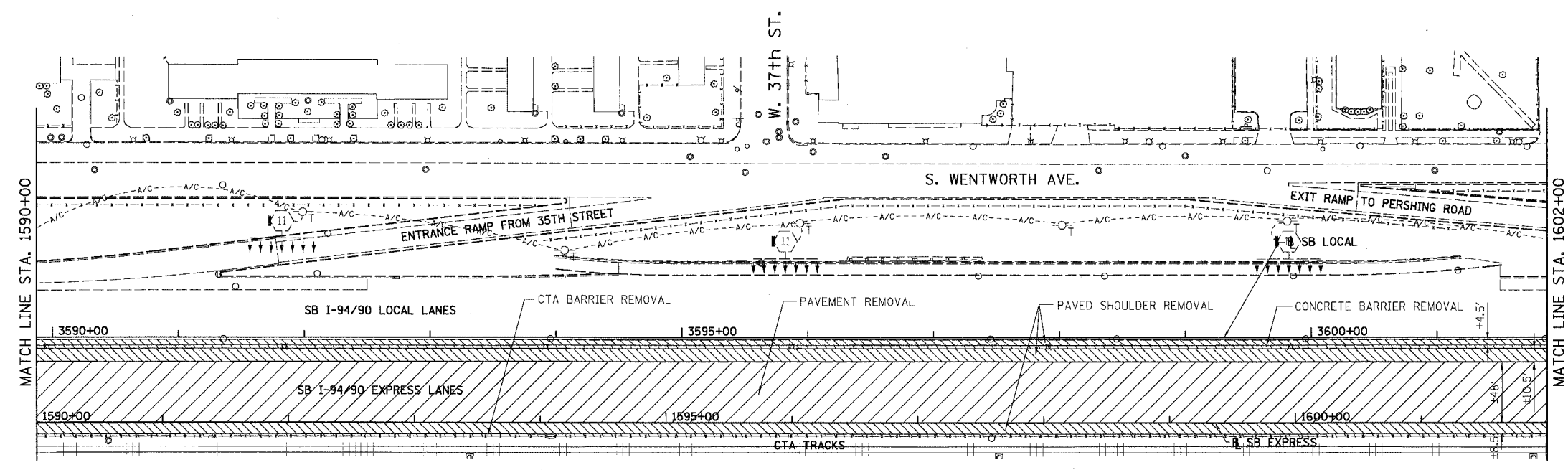
NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.



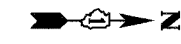
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	66
STA. 1590+00		TO STA. 1602+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	•(1818, ETC, 2324.6-1PIR-9			

REMOVAL LEGEND

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



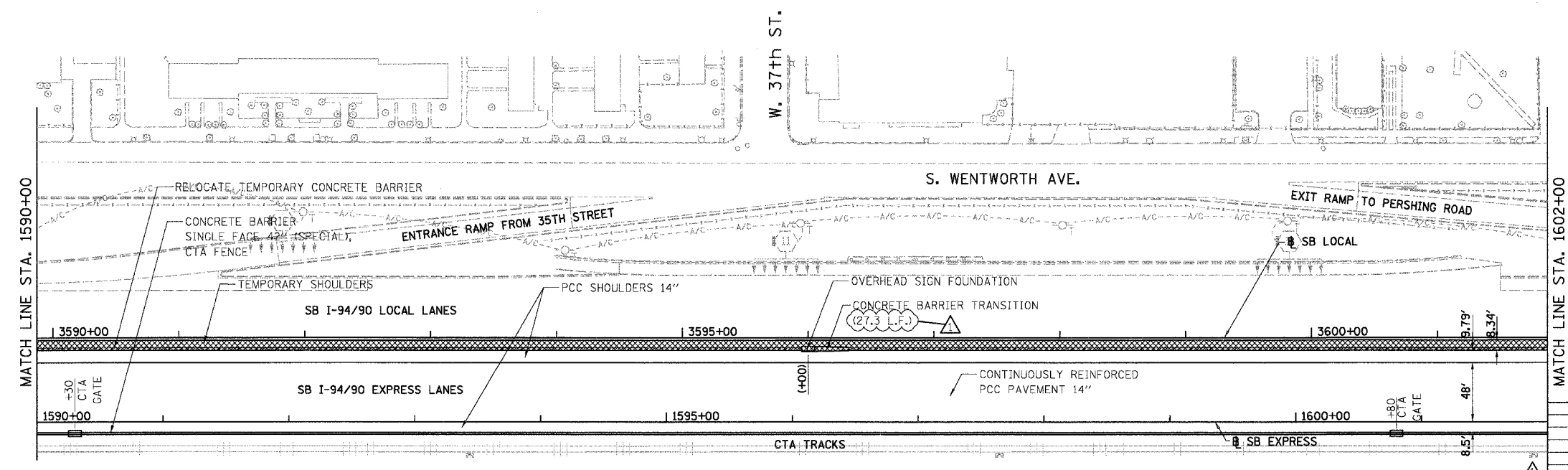
EXISTING CONDITIONS AND REMOVALS



PROPOSED LEGEND

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

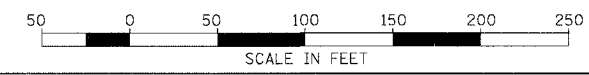
STATIONING
 +###.## STATION PROVIDED FROM THE I-94/90 EXPRESS LANES
 (+##.##) STATION PROVIDED FROM THE I-94/90 LOCAL LANES
 [+##.##] STATION PROVIDED FROM THE SLIP RAMP



PROPOSED CONDITIONS RDY-17

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1590+00 TO STA. 1602+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC



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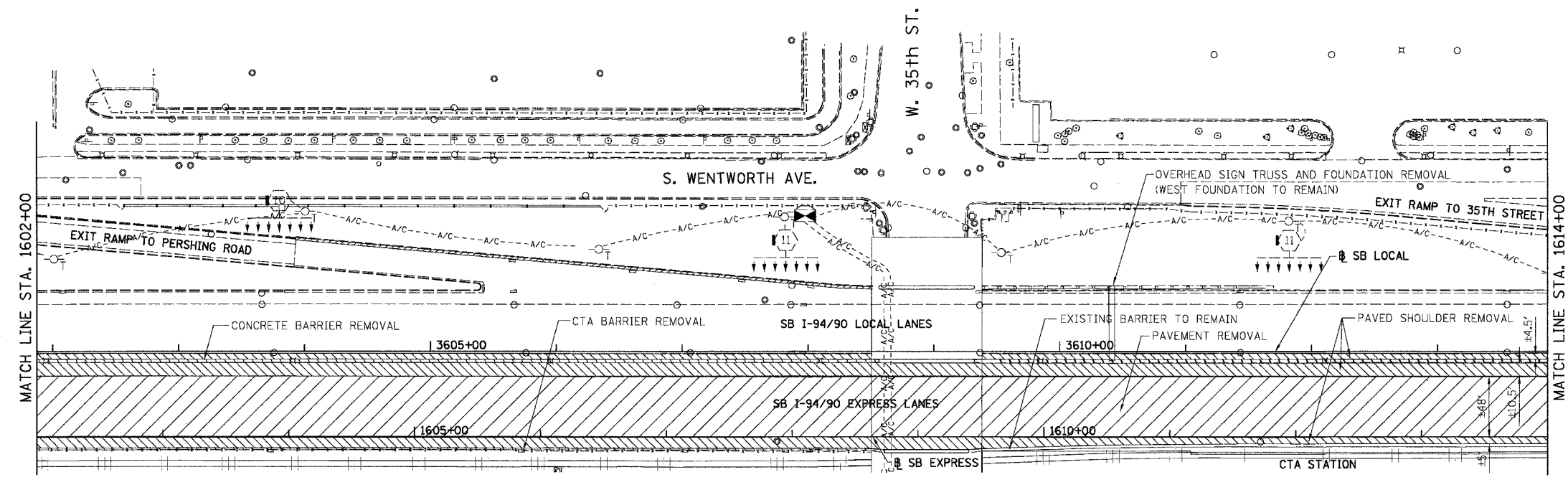
NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.



F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	67
STA. 1602+00		TO STA. 1614+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*(1818, ETC, 2324.6-1P1R-9			

REMOVAL LEGEND

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



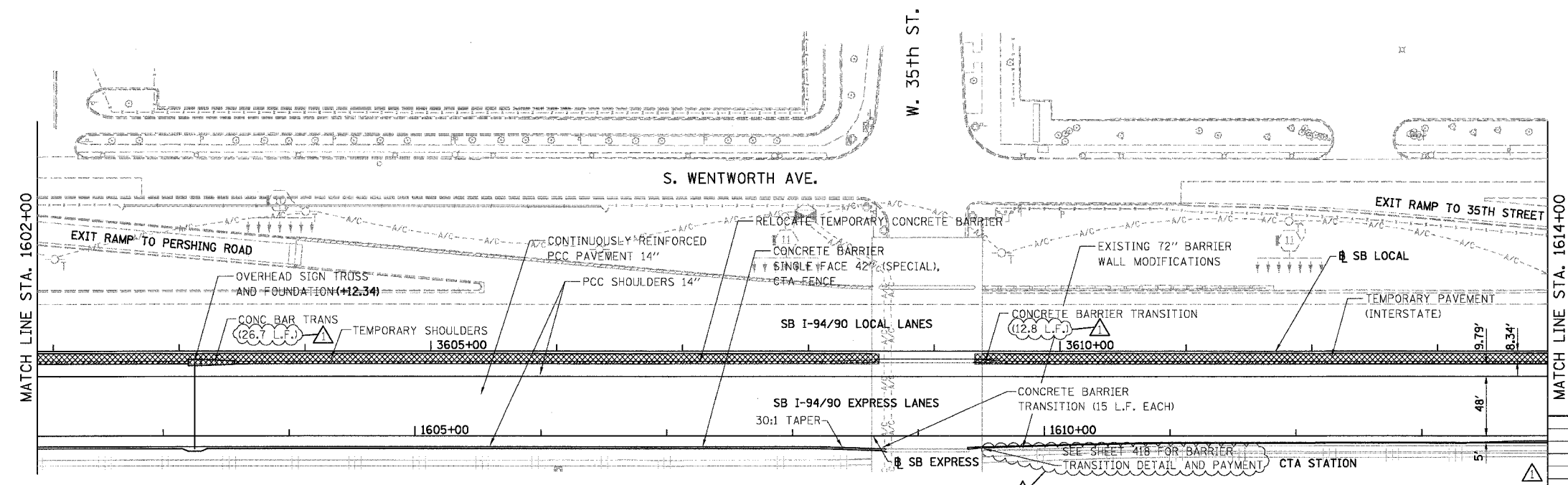
EXISTING CONDITIONS AND REMOVALS



PROPOSED LEGEND

	TEMPORARY PAVEMENT (INTERSTATE) / SHOULDERS
	TEMPORARY CONCRETE BARRIER

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

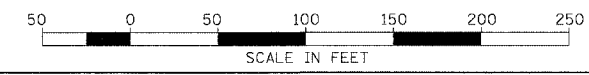


PROPOSED CONDITIONS RDY-18

REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1602+00 TO STA. 1614+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC

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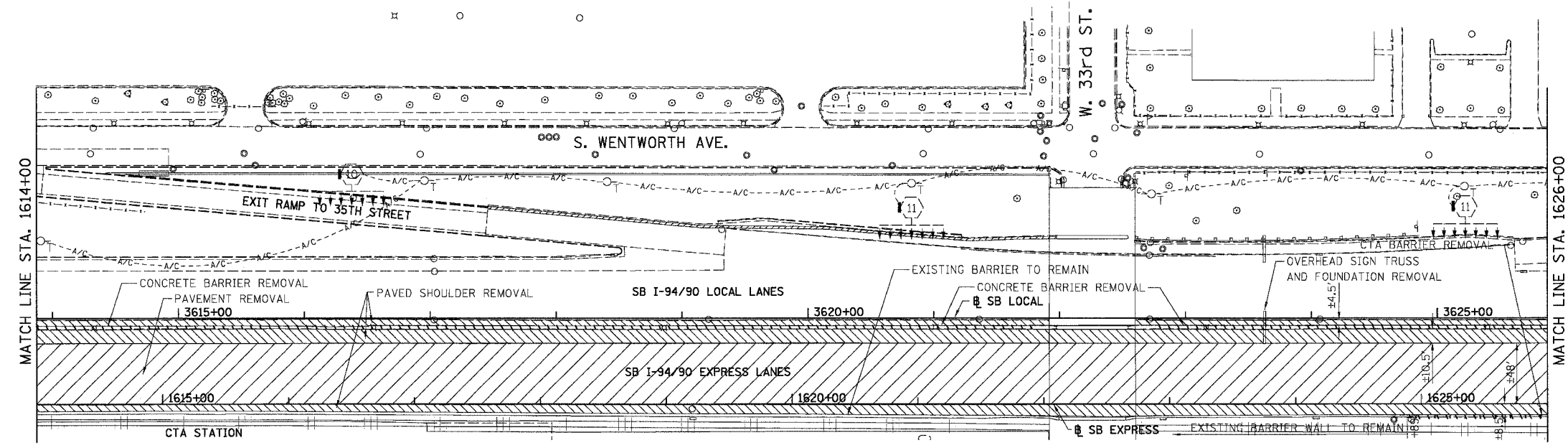
NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.



F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	68
STA. 1614+00		TO STA. 1626+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	•(1818, ETC, 2324.6-1)PR-9			

REMOVAL LEGEND

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



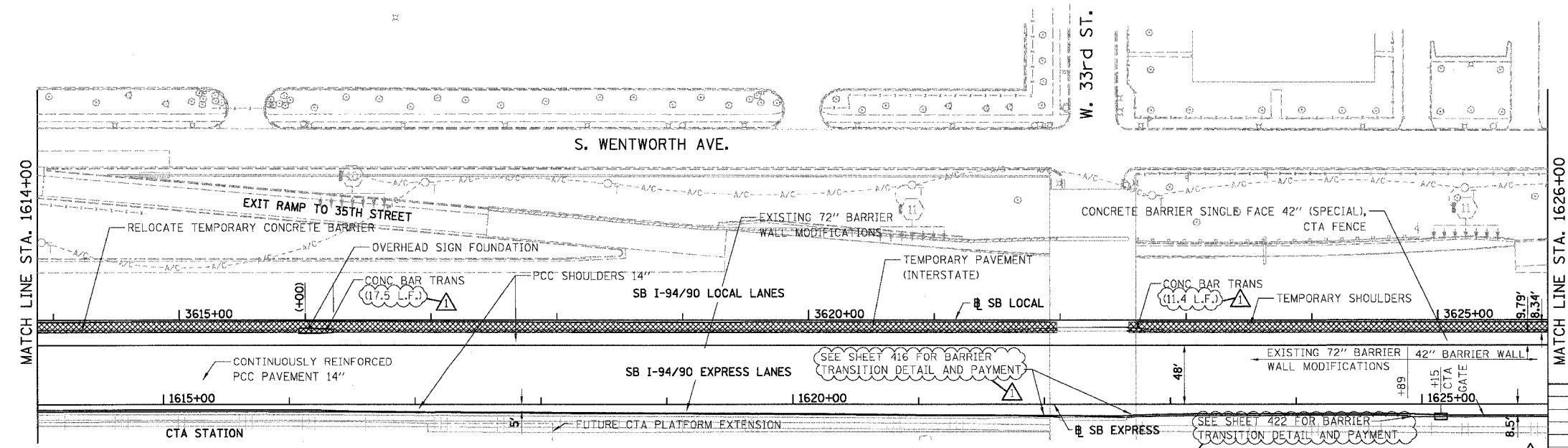
EXISTING CONDITIONS AND REMOVALS



PROPOSED LEGEND

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

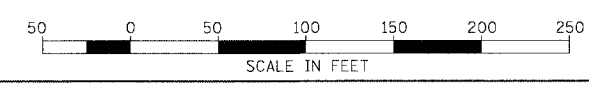
STATIONING
 +###.## STATION PROVIDED FROM THE I-94/90 EXPRESS LANES
 (+##.###) STATION PROVIDED FROM THE I-94/90 LOCAL LANES
 [+###.###] STATION PROVIDED FROM THE SLIP RAMP



PROPOSED CONDITIONS RDY-19

REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1614+00 TO STA. 1626+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC



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253653.PM 8/11/2005

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE CONTRACTOR MUST COORDINATE ALL LANE CLOSURES WITH THE ENGINEER.
2. SEE SPECIAL PROVISIONS FOR PROTECTION AND COORDINATION REQUIRED WITH THE CHICAGO TRANSIT AUTHORITY.
3. ALL TRAFFIC CONTROL DEVICES AND SIGNAGE REQUIRED ON THE DAN RYAN EXPRESSWAY AND RAMPS IN ACCORDANCE WITH APPLICABLE IDOT DISTRICT 1 STANDARDS, IDOT HIGHWAY STANDARDS, AND THIS CONTRACT DRAWINGS IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS), AND WILL NOT BE PAID FOR SEPARATELY.
4. ALL EXISTING DRAINAGE STRUCTURE LIDS AND GRATES SHALL BE SECURED TO THE SATISFACTION OF THE ENGINEER AT LOCATIONS WHERE TRAFFIC IS LOCATED ON THE SHOULDERS. SECURING OF THE LIDS AND GRATES WILL NOT BE PAID FOR SEPARATELY AND IS INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION. SATISFACTION OF THE ENGINEER.
5. CONTRACTOR MUST COORDINATE WORK WITH IDOT CONTRACTS 62592, 62593, AND 62300.
6. TRAFFIC CONTROL FOR THE DAN RYAN LOCAL LANES, EXPRESS LANES, AND ALL RAMPS AS DETAILED HEREIN WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY).
7. LANE CLOSURES, RAMP CLOSURES, SIGNING, PAVEMENT MARKING AND BARRICADE PLACEMENT SHALL BE IN ACCORDANCE WITH THE INCLUDED IDOT STANDARD DRAWINGS AND IDOT DISTRICT 1 STANDARD DETAILS. CLOSURES MUST BE COORDINATED WITH THE ENGINEER.
8. ANY RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES SHALL HAVE THE REFLECTIVE LENSES REMOVED, AS DIRECTED BY THE ENGINEER, AND REPLACED AT THE END OF THE PROJECT. THE COST OF REMOVAL AND REPLACEMENT OF THE RAISED REFLECTIVE PAVEMENT MARKER LENSES IS INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
9. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER. THE REMOVAL WILL BE MEASURED IN SQUARE FEET AND PAID FOR AS PAVEMENT MARKING REMOVAL.
10. ALL DRUMS, VERTICAL PANELS, AND BARRICADES IMMEDIATELY ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED WITH STEADY BURN MONO-DIRECTIONAL LIGHTS. CONES WILL NOT BE ALLOWED, UNLESS NOTED. ALL DRUM SPACINGS SHALL BE 100' CENTER TO CENTER, UNLESS OTHERWISE SPECIFIED.
11. ANY EXISTING SIGNS DENOTED WITHIN THE PLAN SET THAT DO NOT APPLY TO THE REVISED TRAFFIC PATTERNS SHALL BE REMOVED OR COVERED, AS DIRECTED BY THE ENGINEER. THE COVERING OR REMOVAL OF GROUND MOUNTED SIGNS WILL NOT BE MEASURED FOR PAYMENT BUT IS CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) / (SPECIAL).
12. MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS SHALL BE PLACED ON ALL TEMPORARY CONCRETE BARRIER WALL AS INDICATED IN THE SPECIAL PROVISIONS.
13. FOR THE TEMPORARY CONCRETE BARRIER ON THE DAN RYAN EXPRESSWAY LANES, THE BASE OF THE SIDE FACING TRAFFIC SHALL BE MARKED WITH A 6" LINE. THESE MARKINGS WILL BE MEASURED IN LINEAR FEET AND PAID FOR AS TEMPORARY PAVEMENT MARKING, LINE 6". WHEN THE BARRIER IS RELOCATED, THE LINE AND MONO-DIRECTIONAL PRISMATIC BARRIER REFLECTORS SHALL BE MAINTAINED.
14. AT LOCATIONS WHERE A HAZARD EXISTS WITHIN 4.0 FEET OF THE TEMPORARY CONCRETE BARRIER, THE BARRIER SHALL BE ANCHORED TO THE PAVEMENT. ANCHORING OF THE TEMPORARY CONCRETE BARRIER WILL NOT BE MEASURED FOR PAYMENT BUT IS INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY CONCRETE BARRIER AND RELOCATE TEMPORARY CONCRETE BARRIER.
15. ADVANCE SIGNING AND WORK LIMIT SIGNING MUST CONFORM TO IDOT HIGHWAY STANDARDS 701400 AND 701600. SIGNS THAT INCORRECTLY IDENTIFY A WORK ZONE OR END CONSTRUCTION SHALL BE REMOVED. CONSTRUCTION WORK, TRAFFIC CONTROL, AND ADVANCE SIGNING MUST BE COORDINATED WITH ADJACENT DAN RYAN CONSTRUCTION CONTRACTS.
16. ADVANCED SIGNING PER IDOT DISTRICT 1 DETAIL TC-22 AND/OR CHANGEABLE MESSAGE SIGNS SHALL BE USED IN ADVANCE OF ROAD WORK IN BOTH NORTHBOUND AND SOUTHBOUND DIRECTIONS, ON BOTH THE FRONTAGE ROADS AND EXPRESSWAY LANES (4 SIGNS TOTAL). THESE SIGNS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TEMPORARY INFORMATION SIGNING OR CHANGEABLE MESSAGE SIGN.
17. FOR ACCESS CONTROL, THE CONTRACTOR IS REQUIRED TO PLACE CHAIN LINK FENCE 6' (SPECIAL), 7'-2" CLEAR FROM THE CENTERLINE OF CTA TRACK, PRIOR TO REMOVING EXISTING CTA CHAIN LINK FENCE AND BARRIER WALL. THE CONTRACTOR MUST ALSO PLACE CHAIN LINK GATES, 6' X 6' SINGLE AT ALL LOCATIONS WHERE THERE ARE EXISTING CTA FENCE GATES. THE CHAIN LINK FENCE 6' (SPECIAL) MUST REMAIN IN PLACE UNTIL THE NEW PERMANENT CTA FENCE IS COMPLETED.
18. THE CONTRACTOR HAS THE OPTION TO USE EPOXY PAVEMENT MARKINGS IN LIEU OF PAVEMENT MARKING TAPE, TYPE III, WITH THE CONSENT OF THE ENGINEER. IF THE CONTRACTOR USES EPOXY PAVEMENT MARKING, THE COST OF REMOVAL IS INCLUDED IN THE INITIAL COST OF THE ITEM.
19. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PROVIDING ACCESS POINTS TO THE WORK ZONE. ACCESS POINTS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. ANY SIGNING OR ADDITIONAL TRAFFIC CONTROL DEVICES REQUIRED TO PROVIDE CONTRACTOR ACCESS TO THE WORK ZONE IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) AND WILL NOT BE PAID FOR SEPARATELY.

STAGING OVERVIEW:

PRESTAGE

THE PRESTAGE WILL OCCUR DURING DATES AS INDICATED ON THE SUGGESTED CONSTRUCTION SCHEDULE. WORK DURING THIS STAGE WILL INCLUDE ALL WORK THAT IS REQUIRED TO PLACE TRAFFIC IN STAGE 1 AND STAGE 1A, INCLUDING BUT NOT LIMITED TO PATCHING, SIGNING, PAVEMENT MARKING, TEMPORARY PAVEMENT AND TEMPORARY CONCRETE BARRIER. ALL PRESTAGE WORK WILL BE PERFORMED UNDER TEMPORARY LANE CLOSURES DURING HOURS AS APPROVED BY THE ENGINEER. ALL LANE CLOSURES MUST BE IN ACCORDANCE WITH APPLICABLE IDOT HIGHWAY STANDARDS. THE COST OF ALL LANE CLOSURES IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) AND WILL NOT BE PAID FOR SEPARATELY.

STAGE 1

STAGE 1 ADDRESSES THE STAGING OF TRAFFIC ON THE LOCAL LANES BETWEEN STATION 3400+33 AND THE NORTH PROJECT LIMITS. DURING THIS STAGE, 3 - 11' LANES ARE PLACED ON THE LOCAL LANES. THE EXPRESS LANES ARE CLOSED BETWEEN STATION 1391+00 AND 1644+21 WHILE ALL PAVEMENT, BARRIER WALL, AND SIGNING IS CONSTRUCTED IN THIS REGION. THE STAGE 1 WORK BETWEEN STATION 1376+00 AND 1391+00 WILL BE CONSTRUCTED IN 4 SUBSTAGES. AT THE COMPLETION OF STAGE 1, ALL CONTRACT WORK MUST BE COMPLETED.

STAGE 1A

STAGE 1A INVOLVES PLACING 3 TRAFFIC LANES ON THE INSIDE OF EXISTING PAVEMENT BETWEEN STATION 1367+00 AND 1386+00 WHILE THE OUTSIDE 2 LANES IN THIS SECTION ARE CONSTRUCTED.

STAGE 1B

STAGE 1B INVOLVES UTILIZING THE 2 INSIDE TRAFFIC LANES FROM STAGE 1A WHILE PLACING THE THIRD THROUGH TRAFFIC LANE ON THE COLLECTOR DISTRIBUTOR SYSTEM. DURING THIS STAGE THE CENTER LANE IS CONSTRUCTED BETWEEN APPROXIMATELY STATION 1367+00 AND 1375+00.

STAGE 1C

STAGE 1C INVOLVES PLACING TRAFFIC ON THE 2 OUTSIDE TRAFFIC LANES CONSTRUCTED IN STAGE 1A, AND PLACING THE THIRD THROUGH LANE ON THE 67TH STREET - 71ST STREET C-D SYSTEM DURING THIS STAGE, THE INSIDE LANES ARE CONSTRUCTED, AS WELL AS PORTIONS OF THE CENTER LANE AND THE GORE BETWEEN THE LOCAL AND EXPRESS LANES.

STAGE 1D

STAGE 1D INVOLVES PLACING 3 LANES OF TRAFFIC ON THE INSIDE OF THE EXPRESSWAY IN ORDER TO MEET THE STAGING OF CONTRACT 62592. DURING THIS STAGE, THE SOUTHERN PORTION OF THE OUTSIDE 2 LANES WILL BE CONSTRUCTED.

STAGE 2

OPEN A LANE OF TRAFFIC ON THE EXPRESS LANES IN ACCORDANCE WITH DATES SET FORTH IN THE SPECIAL PROVISIONS.

CHANGEABLE MESSAGE SIGNS

THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE PLACEMENT AND MESSAGES FOR ALL PORTABLE CHANGEABLE MESSAGE SIGNS. PROVIDED BELOW FOR INFORMATION ONLY ARE ANTICIPATED LOCATIONS AND DURATIONS AT EACH LOCATION FOR PORTABLE CHANGEABLE MESSAGE SIGNS:

LOCATION	CMS BOARDS (EACH)	TOTAL DURATION (CAL MO)
EB DAN RYAN (I-94/90) AT ROOSEVELT RD (12TH ST.)	1	4
NB STEVENSON (I-55) AT ASHLAND AVE.	1	4
SB STEVENSON (I-55) AT MICHIGAN AVE.	1	4
SB LAKE SHORE DRIVE AT CERMAK RD. (22ND ST.)	1	4
FRANKLIN CONNECTOR AT CERMAK RD. (22ND ST.)	1	4
EB DAN RYAN (I-94/90) AT 51ST STREET	2	13
EB DAN RYAN (I-94) AT 65TH STREET	1	9
EB DAN RYAN (I-94) AT 71ST STREET	2	13
TOTAL		55

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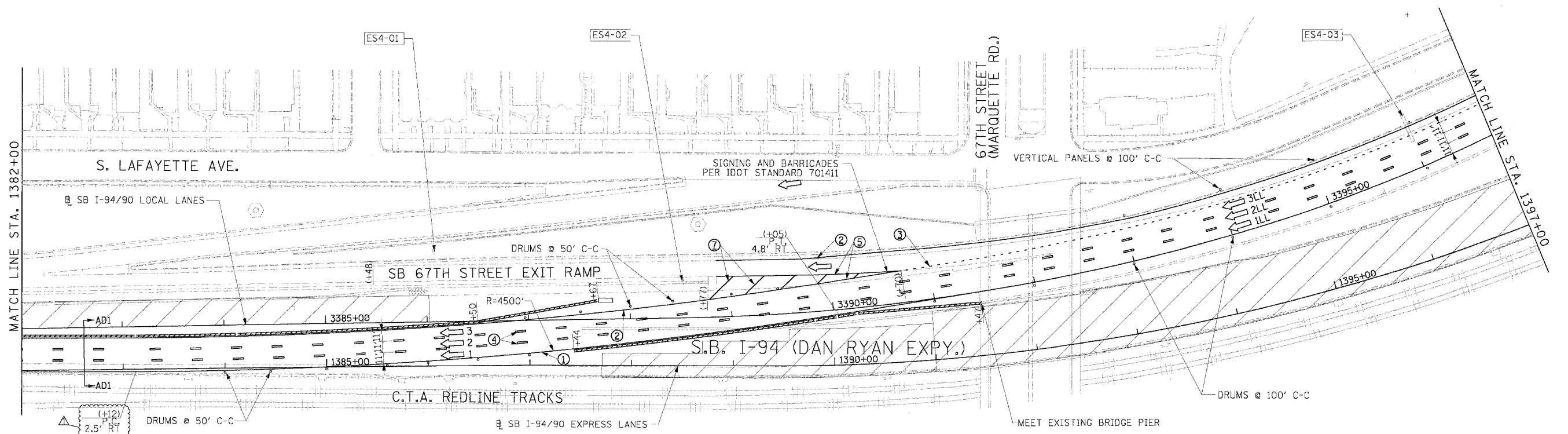
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC
 GENERAL NOTES

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

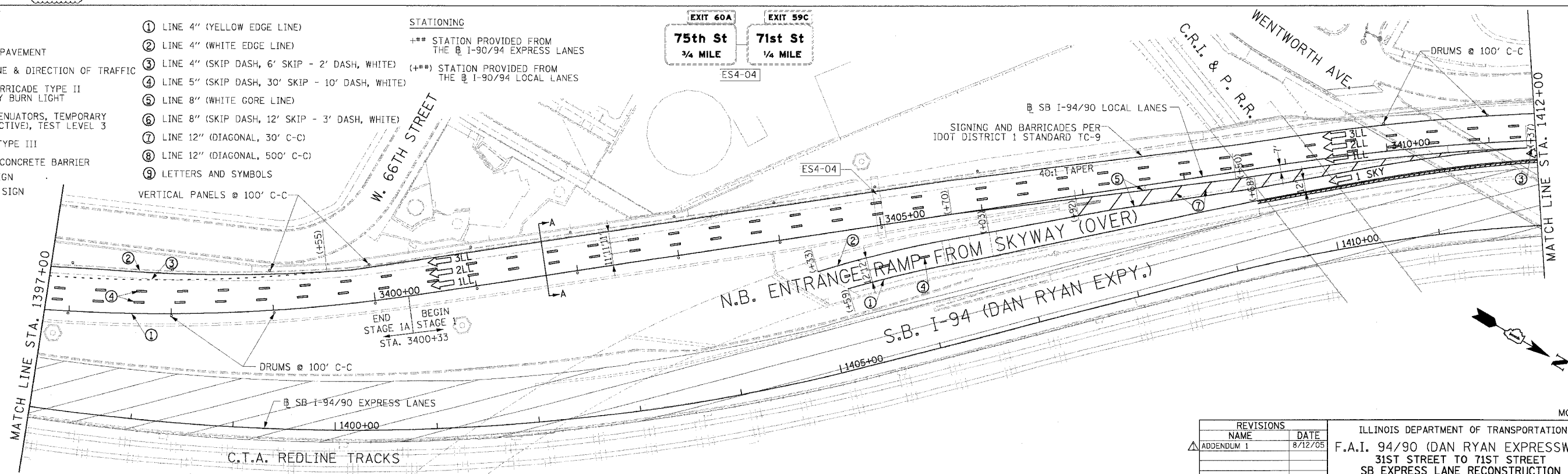


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F.A.I. RT.:	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
94/90		COOK	598	90
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	• (B18, ETC, 2324.6-1PIR-9			



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



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NAME	DATE	
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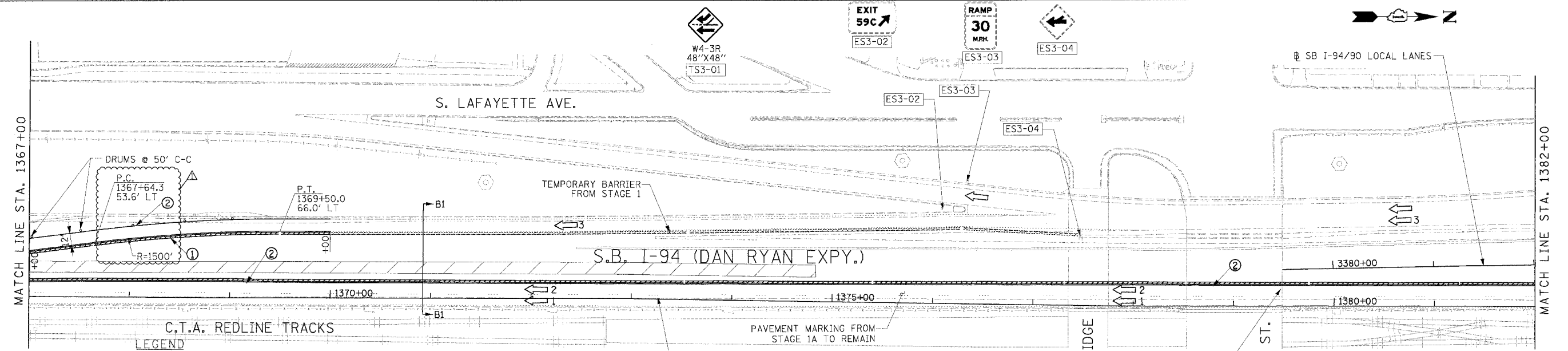
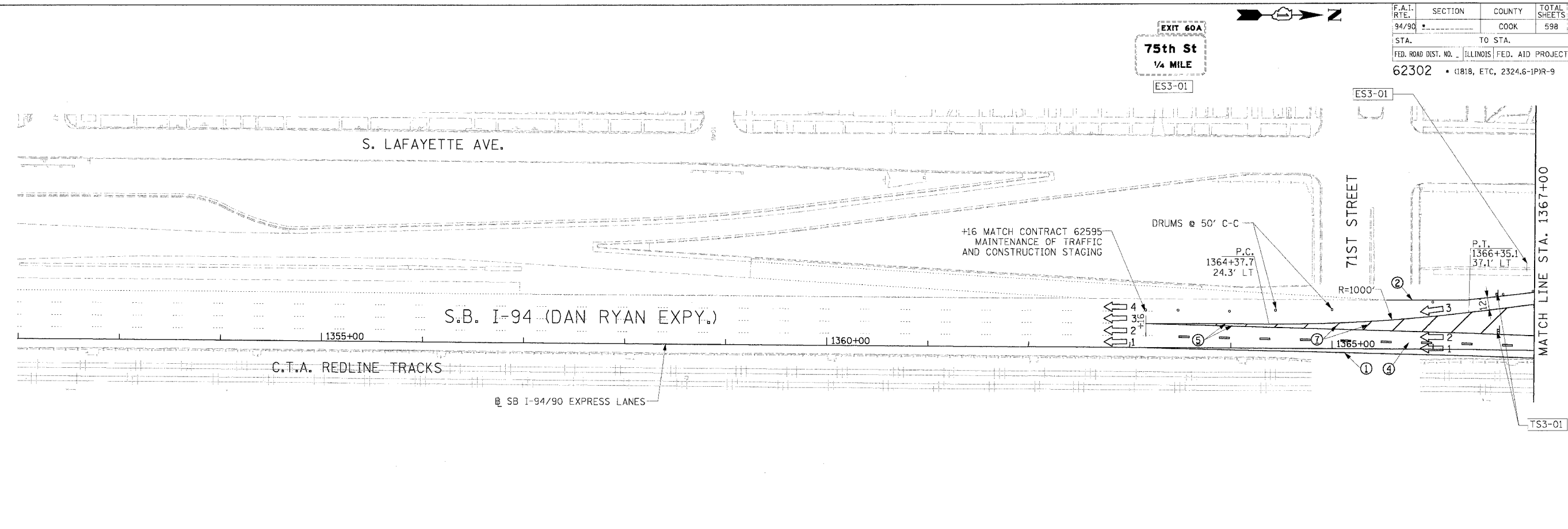
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1382+00 TO STA. 1412+00
 STAGE 1A

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

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	91
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		11818, ETC, 2324.6-1PR-9		

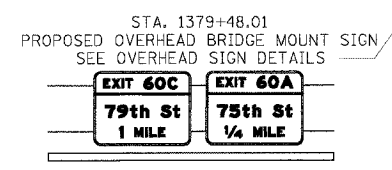


LEGEND

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

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

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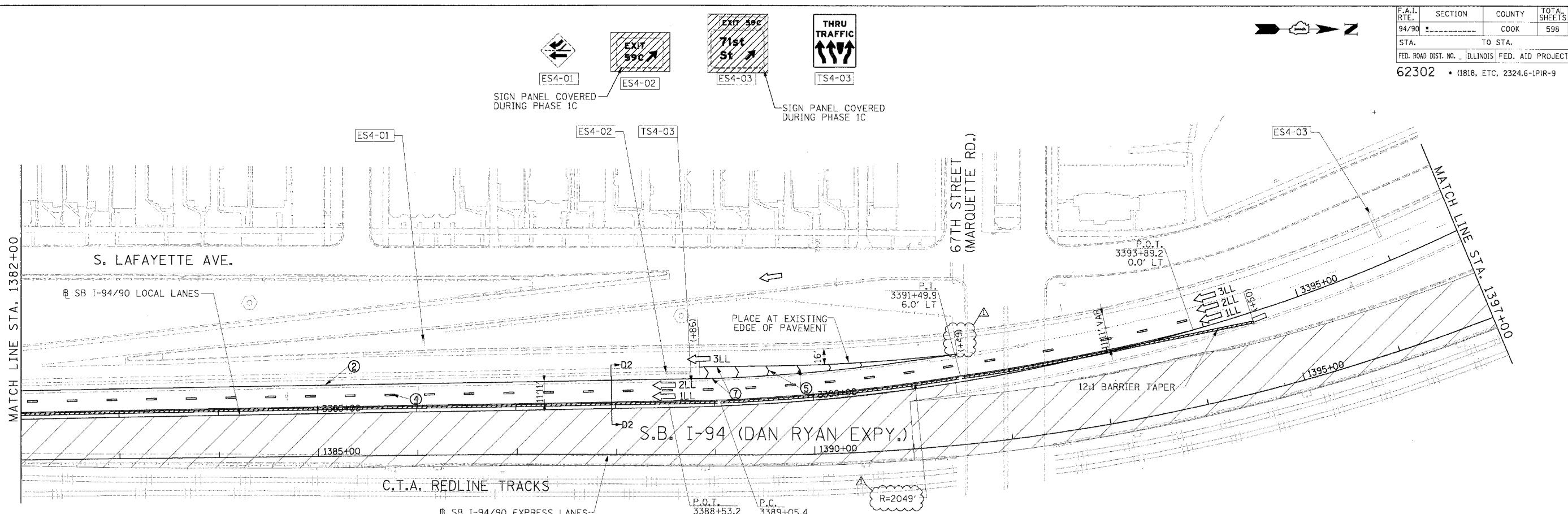
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NAME	DATE	
ADDENDUM 1	8/12/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1352+00 TO STA. 1382+00
 STAGE 1B
 SCALE: 1"=50'
 DATE: 7/1/05
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	94
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	• (1818, ETC, 2324.6-1P1R-9			

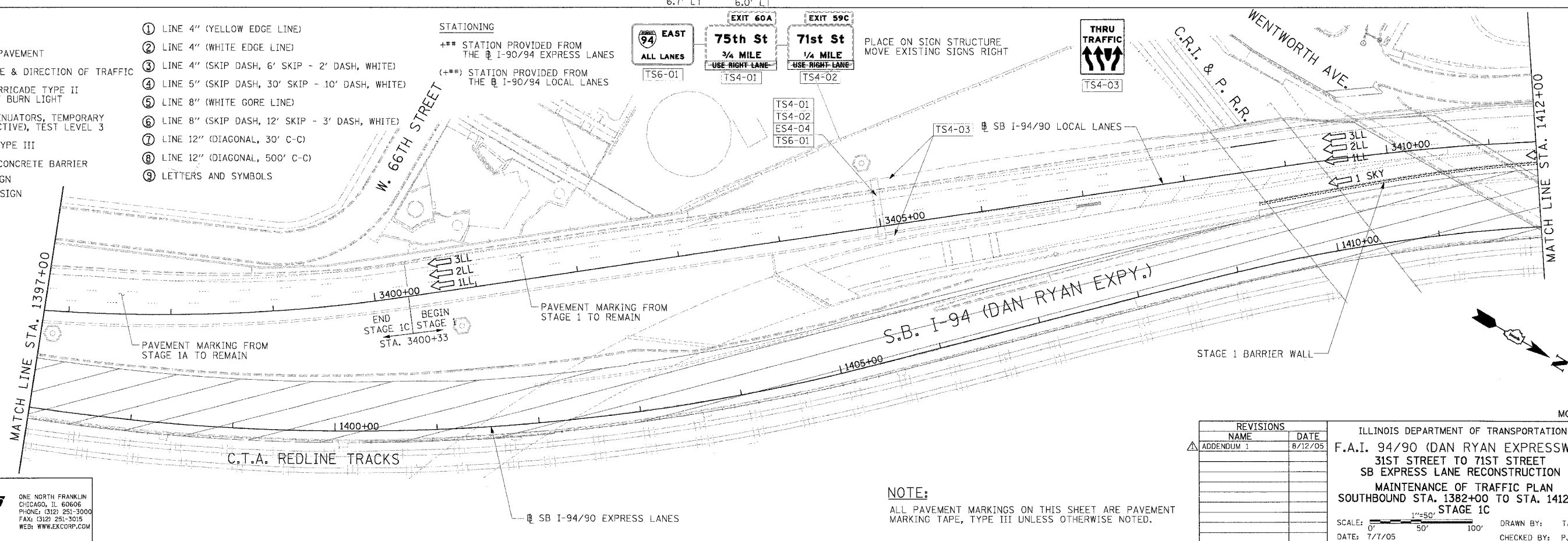


LEGEND

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

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- ⑦ LINE 12" (DIAGONAL, 30' C-C)
- ⑧ LINE 12" (DIAGONAL, 500' C-C)
- ⑨ LETTERS AND SYMBOLS

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



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NAME	DATE
ADDENDUM 1	6/12/05

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 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1382+00 TO STA. 1412+00
 STAGE 1C

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

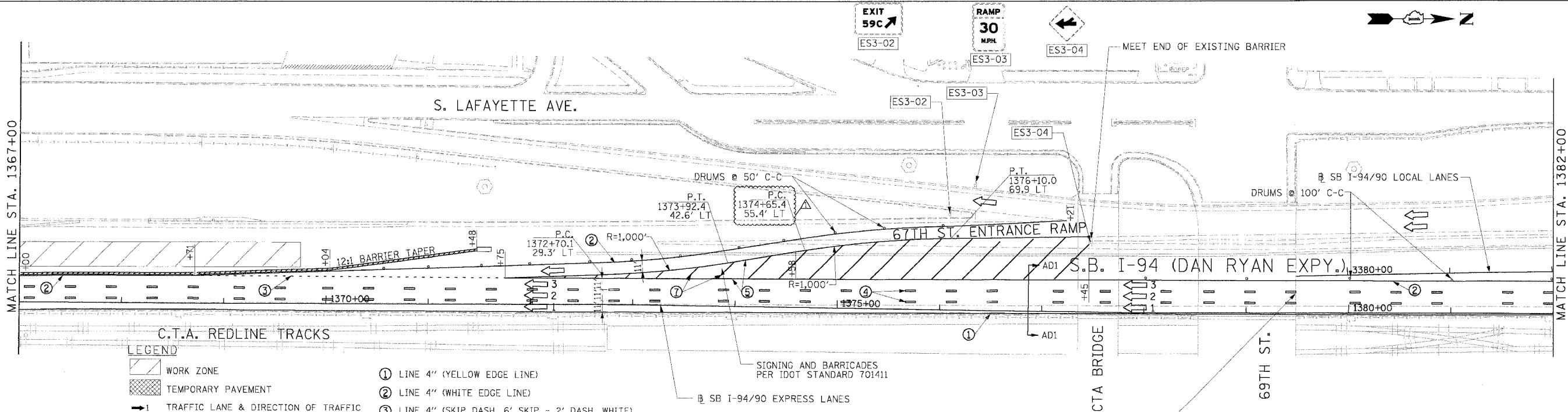
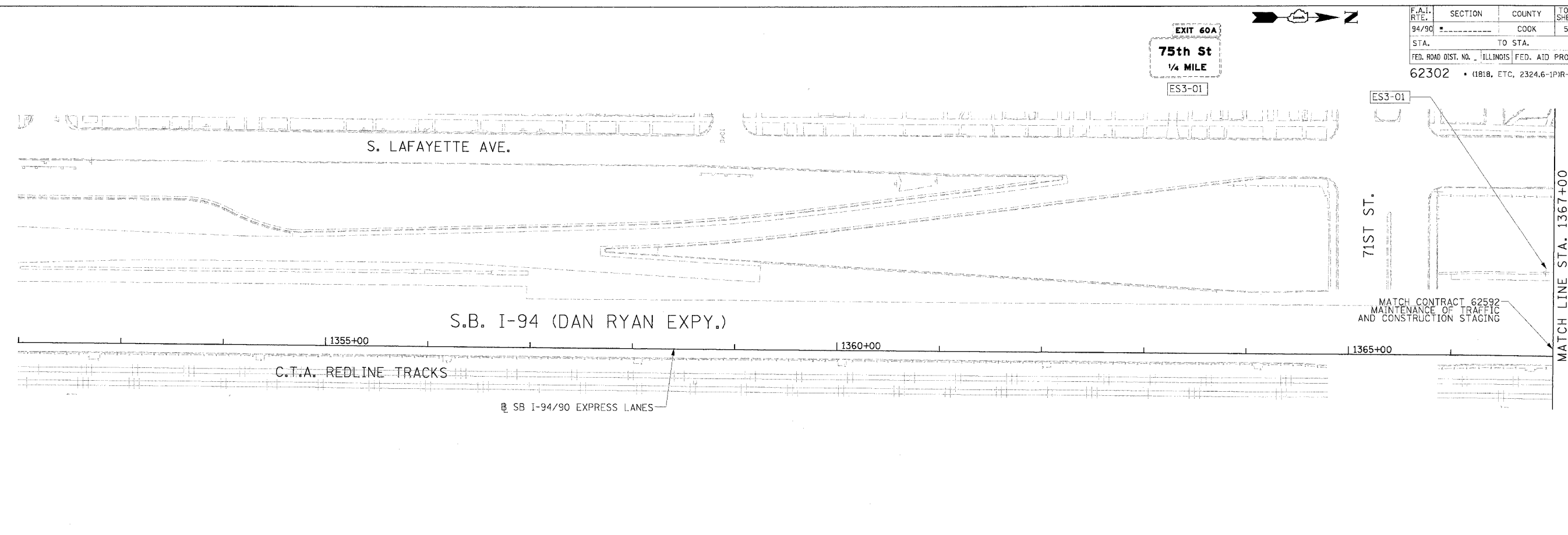
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	95
STA.	TO STA.		FED. AID PROJECT	
62302	(1818, ETC, 2324.6-1PIR-9)			



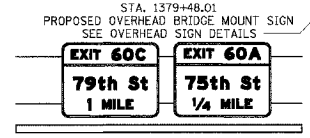
LEGEND

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

- ① LINE 4" (YELLOW EDGE LINE)
- ② LINE 4" (WHITE EDGE LINE)
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- ⑧ LINE 12" (DIAGONAL, 500' C-C)
- ⑨ LETTERS AND SYMBOLS

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

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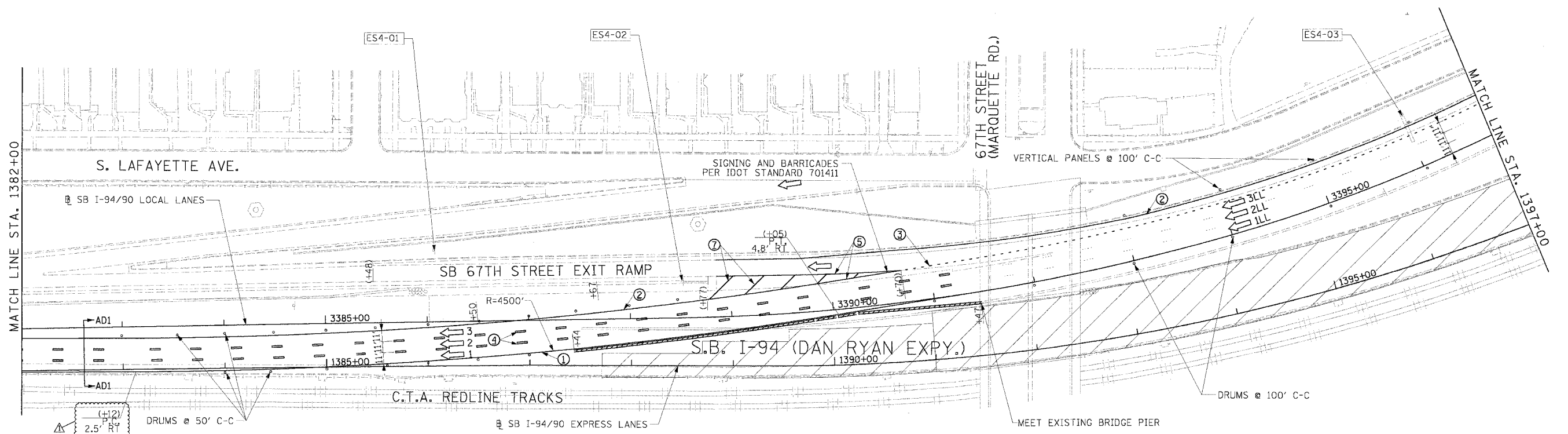
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NAME	DATE	
ADDENDUM 1	8/12/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1352+00 TO STA. 1382+00
 STAGE 1D
 SCALE: 1"=50'
 DATE: 7/7/05
 DRAWN BY: TAI
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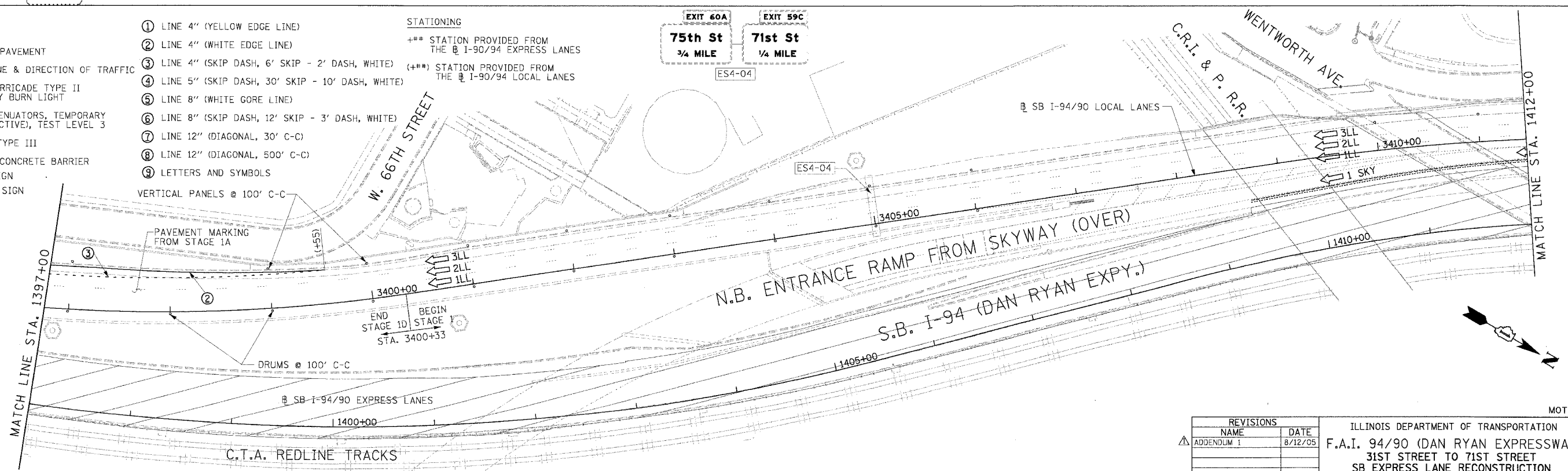
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F.A.I. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	96
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	• (1818, ETC, 2324.6-1PIR-9			



- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - TRAFFIC LANE & DIRECTION OF TRAFFIC
 - DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
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 - ⑨ LETTERS AND SYMBOLS
- STATIONING
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NAME	DATE	
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ILLINOIS DEPARTMENT OF TRANSPORTATION
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31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN
SOUTHBOUND STA. 1382+00 TO STA. 1412+00
STAGE 1D

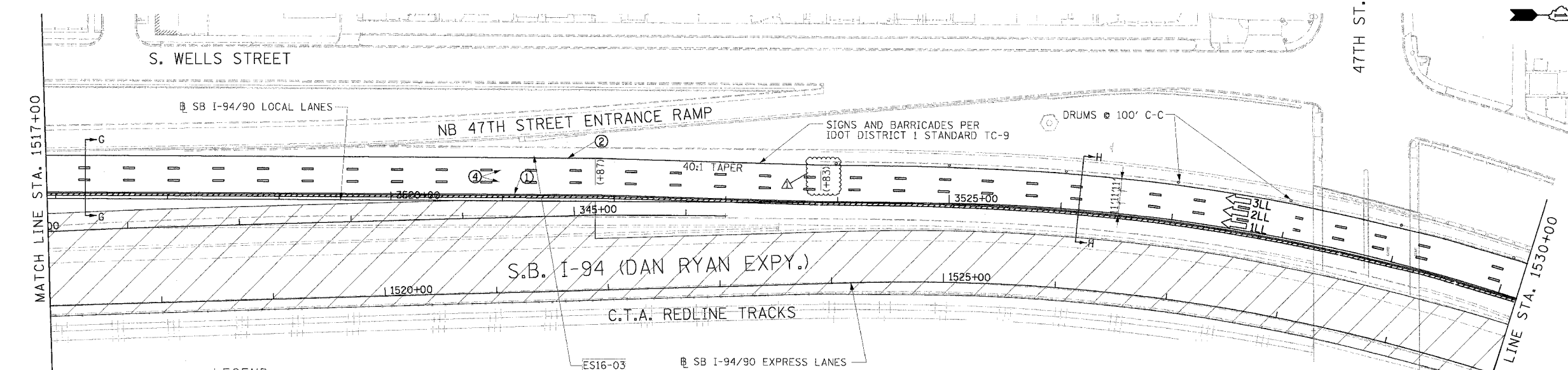
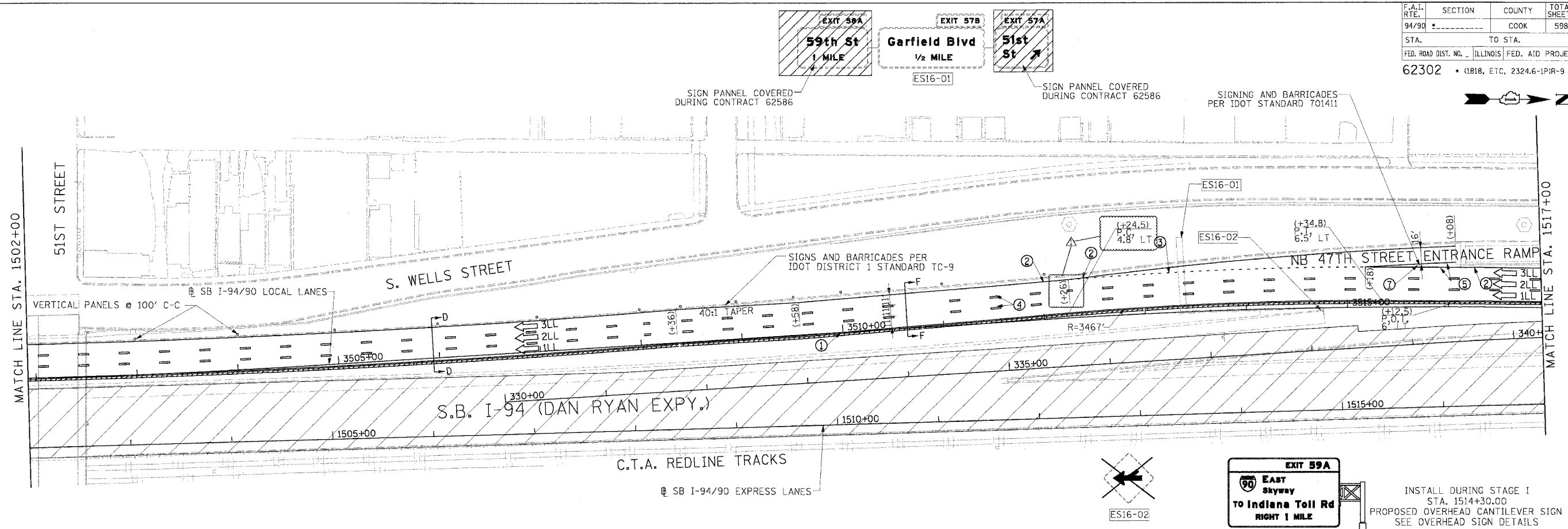
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	100
STA.		TO STA.		
62302		11818, ETC, 2324.6-1P/R-9		



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TRAFFIC LANE & DIRECTION OF TRAFFIC
- DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
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- ⑨ LETTERS AND SYMBOLS

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

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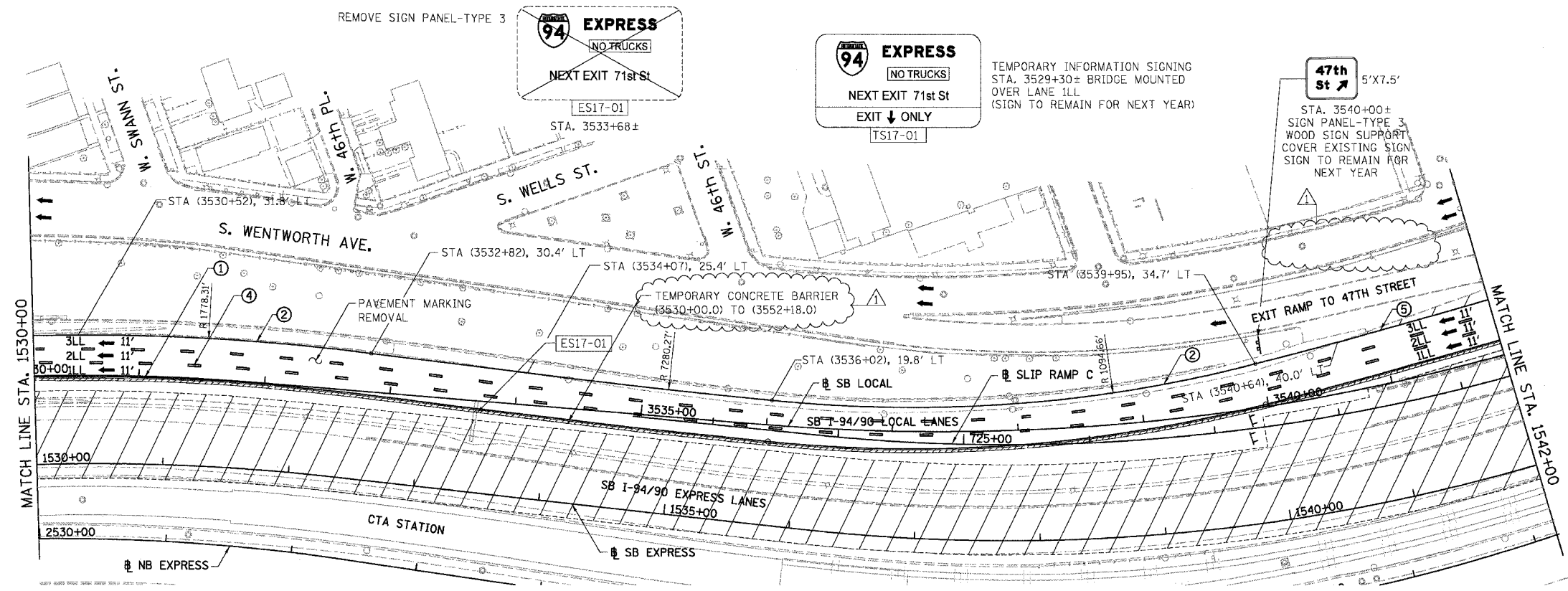
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REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

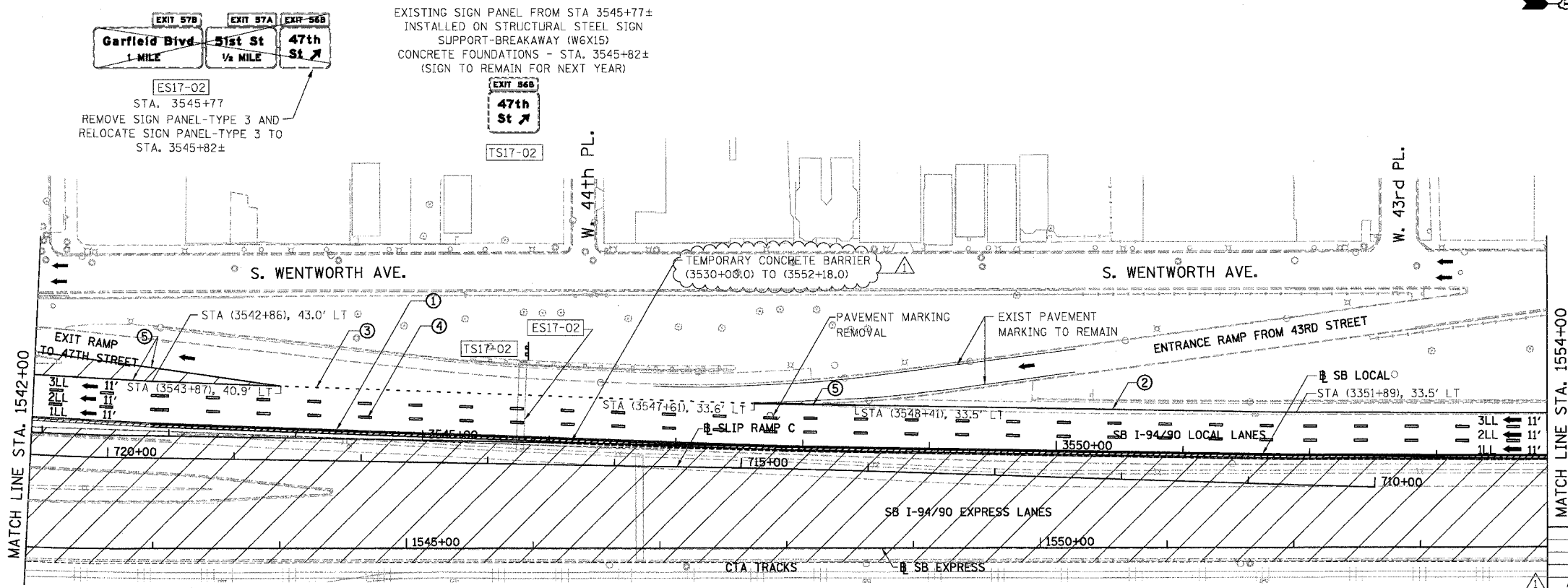
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1502+00 TO STA. 1530+00
 STAGE 1
 SCALE: 1"=50'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

08/10/2005 08:37:45 PM MOT-15

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



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



STATIONING

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

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

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

NOTE:

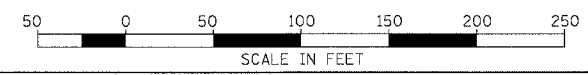
ALL PAVEMENT MARKINGS ON THIS SHEET WILL BE PAVEMENT MARKING TAPE, TYPE III, UNLESS OTHERWISE NOTED.

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN STAGE 1
 SOUTHBOUND STA. 1530+00 TO STA. 1554+00

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

DRAWN BY: RA
 CHECKED BY: RS



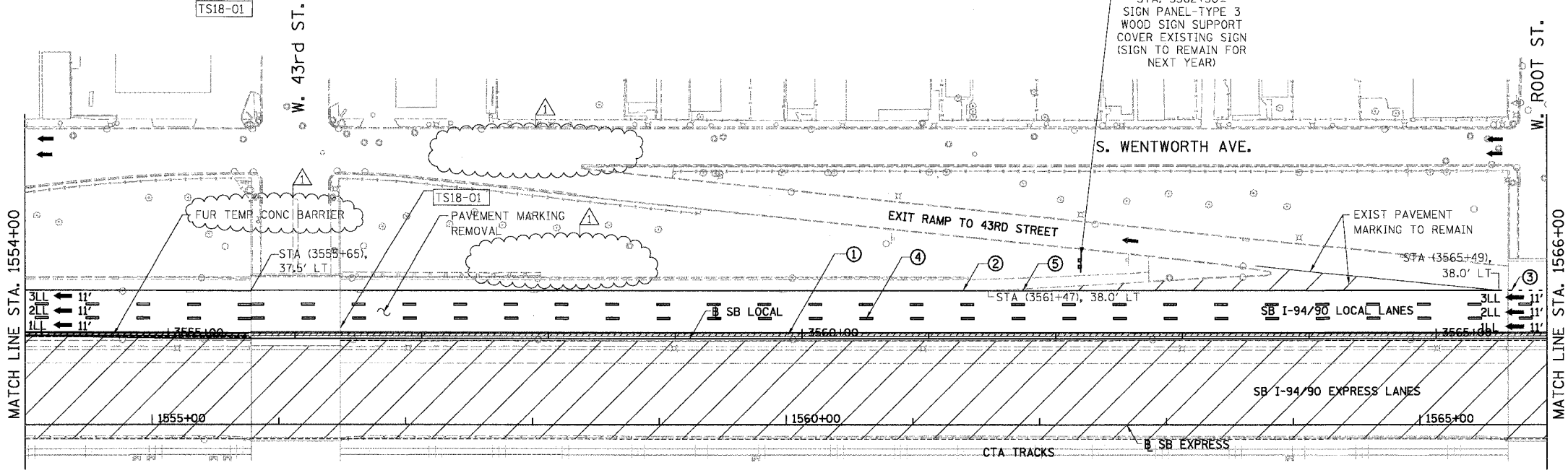
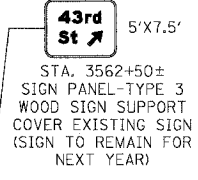
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MOT-16 8/10/2005

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



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



LEGEND

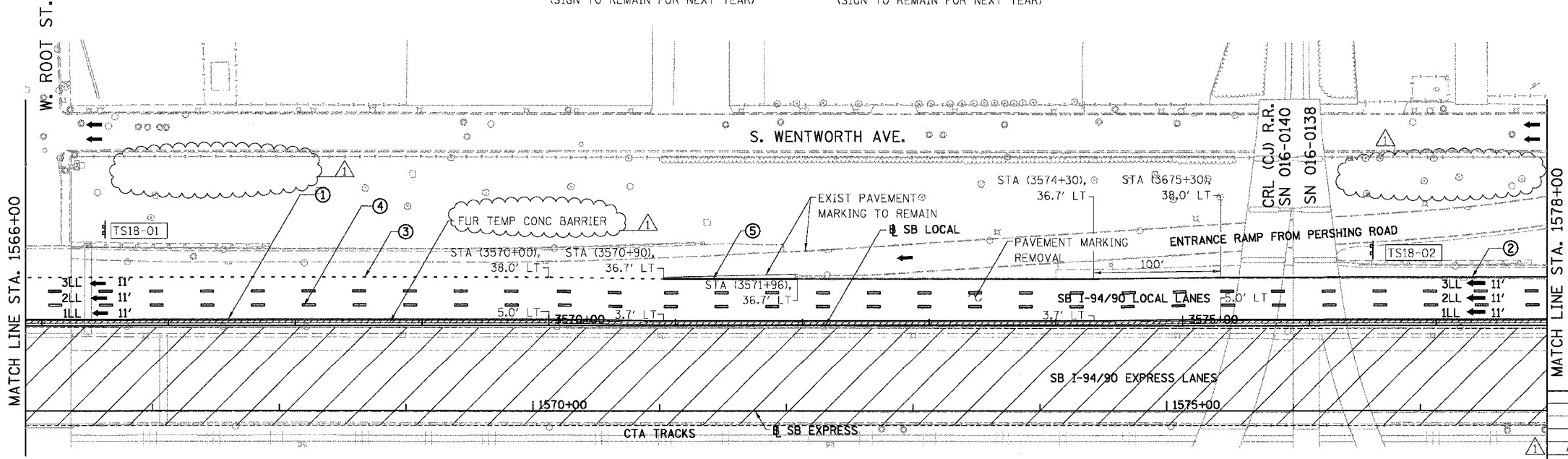
- WORK ZONE
- TEMPORARY PAVEMENT
- TRAFFIC LANE & DIRECTION OF TRAFFIC
- DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- BARRICADE TYPE III
- TEMPORARY CONCRETE BARRIER
- ① LINE 4" (YELLOW EDGE LINE)
- ② LINE 4" (WHITE EDGE LINE)
- ③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

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

STA. 3566+36±
REMOVE SIGN PANEL-TYPE 3 AND RELOCATE SIGN PANEL-TYPE 3 TO STA. 3576+50±

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

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



STATIONING

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

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

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

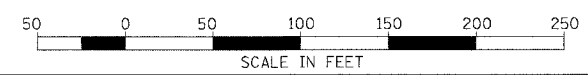
NOTE:

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

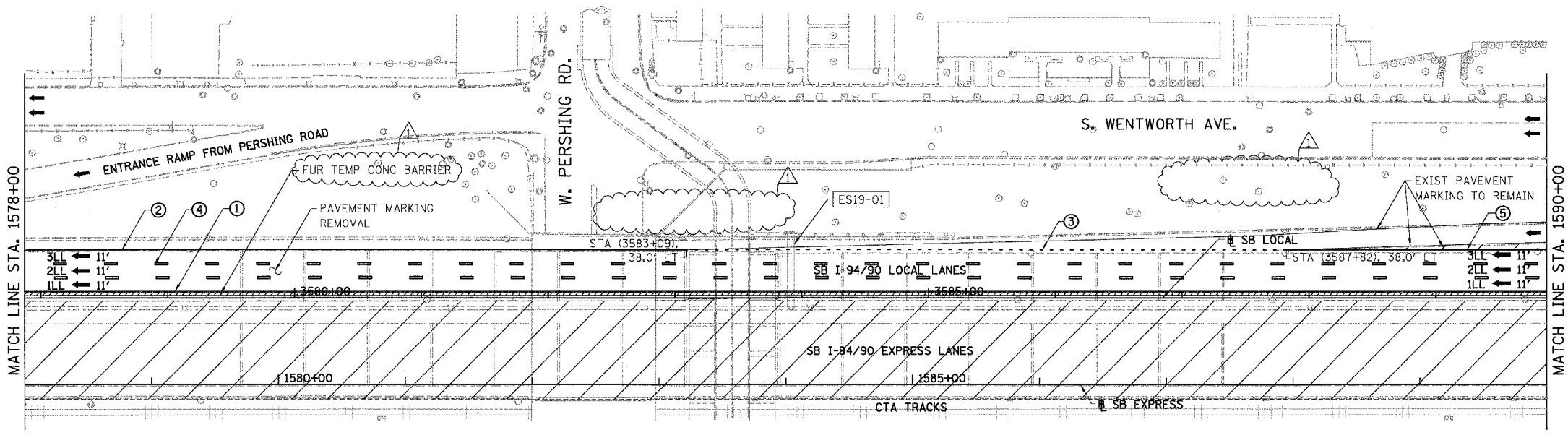
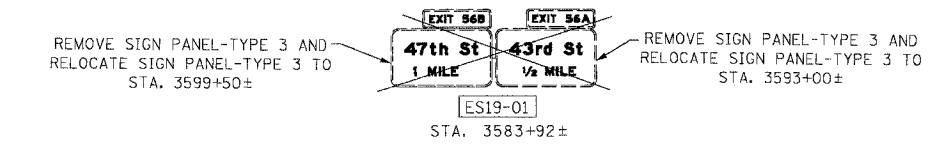
DRAWN BY: RA
CHECKED BY: RS



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7/10/2005 11:28:17 PM

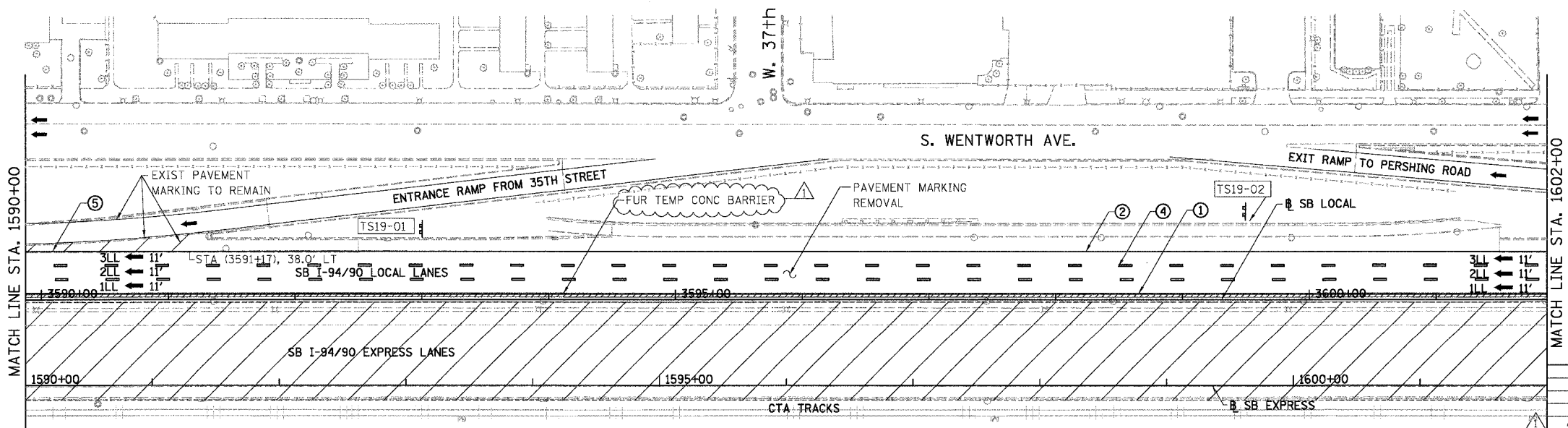
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	103
STA. 1578+00		TO STA. 1602+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		*1818, ETC, 2324.6-1PR-9		



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

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

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



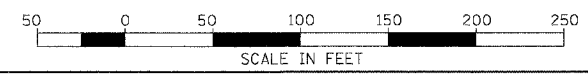
STATIONING

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

NOTE:
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REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

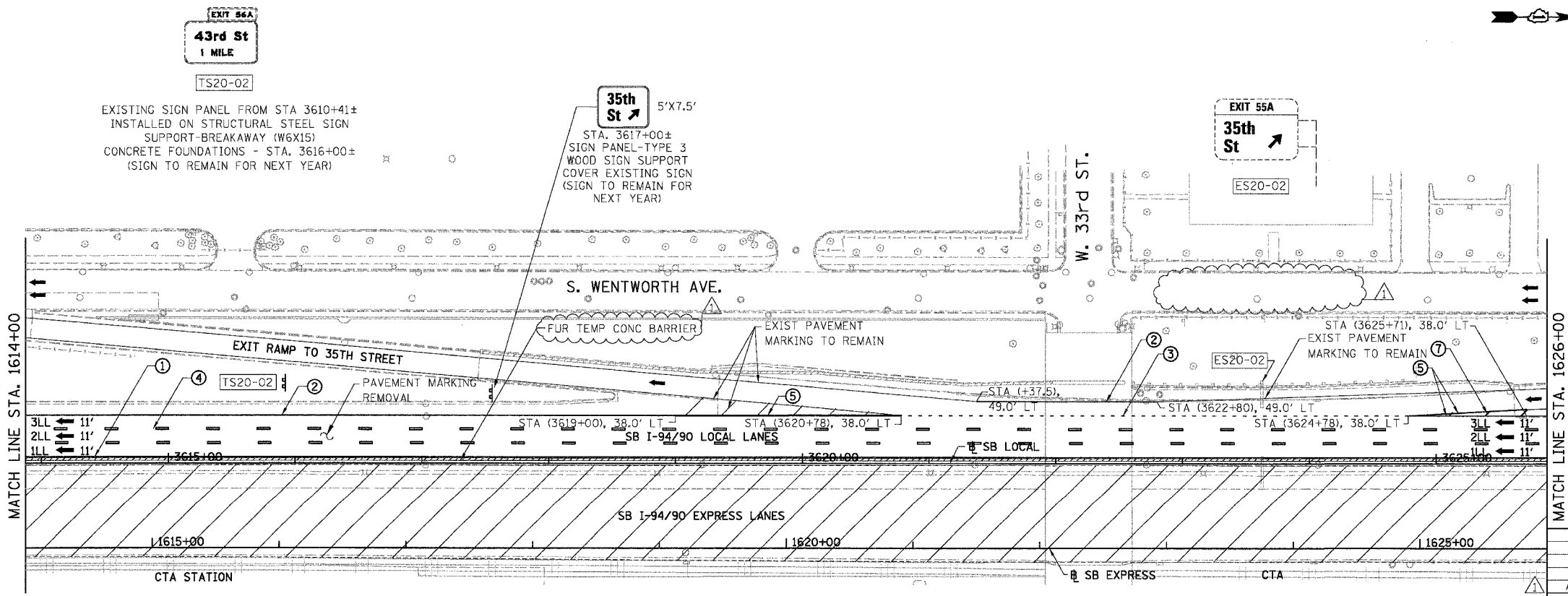
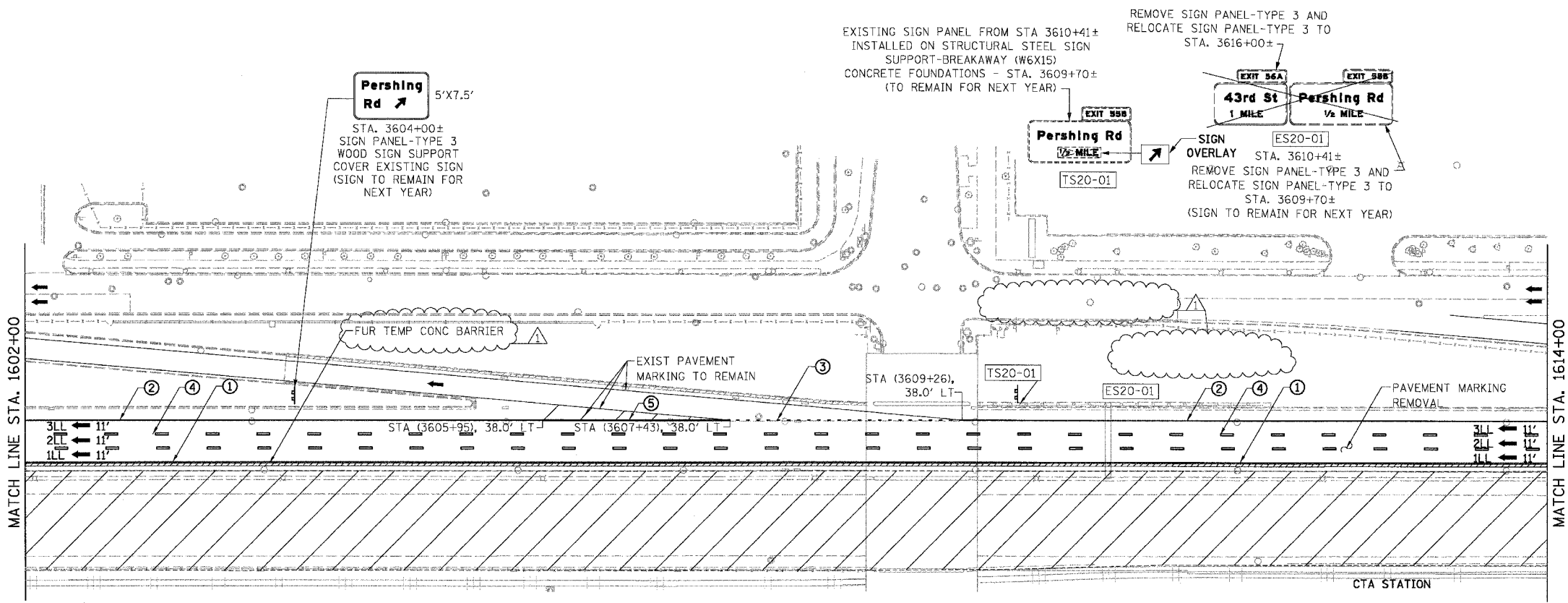
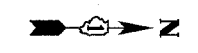
MOT-18
 ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN STAGE 1
 SOUTHBOUND STA. 1578+00 TO STA. 1602+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: RA
 CHECKED BY: RS



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8/17/2005 11:22:08 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	104
STA. 1602+00		TO STA. 1626+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302 *01818, ETC, 2324.6-1PIR-9				



LEGEND

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

STATIONING

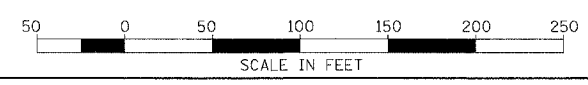
- +++** STATION PROVIDED FROM THE I-90/94 EXPRESS LANES
- (+++**) STATION PROVIDED FROM THE I-90/94 LOCAL LANES
- [+++**] STATION PROVIDED FROM THE SLIP RAMP

NOTE:

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

MOT-19

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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN STAGE 1
SOUTHBOUND STA. 1602+00 TO STA. 1626+00
SCALE: 1"=50'
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: RS

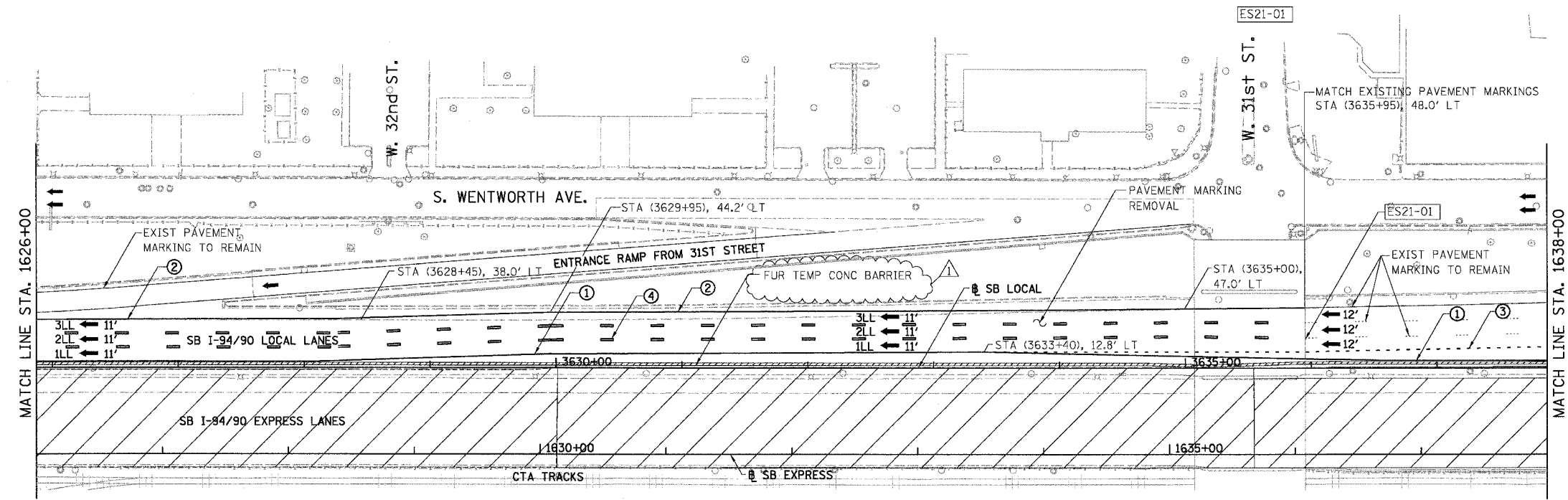
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	105
STA. 1626+00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*1818, ETC.	2324.6-1PR-9		

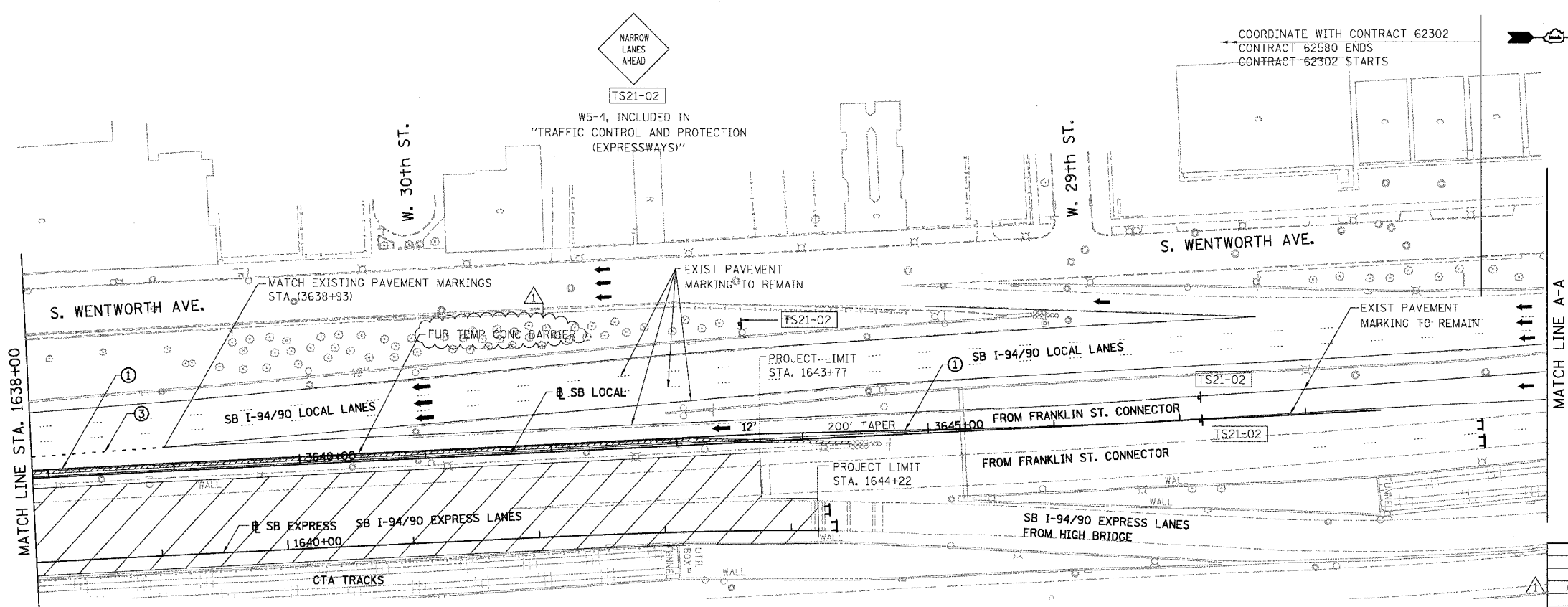


EXIT 55B
Pershing Rd
1/2 MILE

EXIT 55A
35th St
1/4 MILE



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



STATIONING

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

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

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

NOTE:

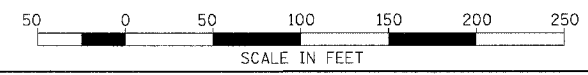
ALL PAVEMENT MARKINGS ON THIS SHEET WILL BE PAVEMENT MARKING TAPE, TYPE III, UNLESS OTHERWISE NOTED.

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN STAGE 1
SOUTHBOUND STA. 1626+00 TO STA. 1644+22

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

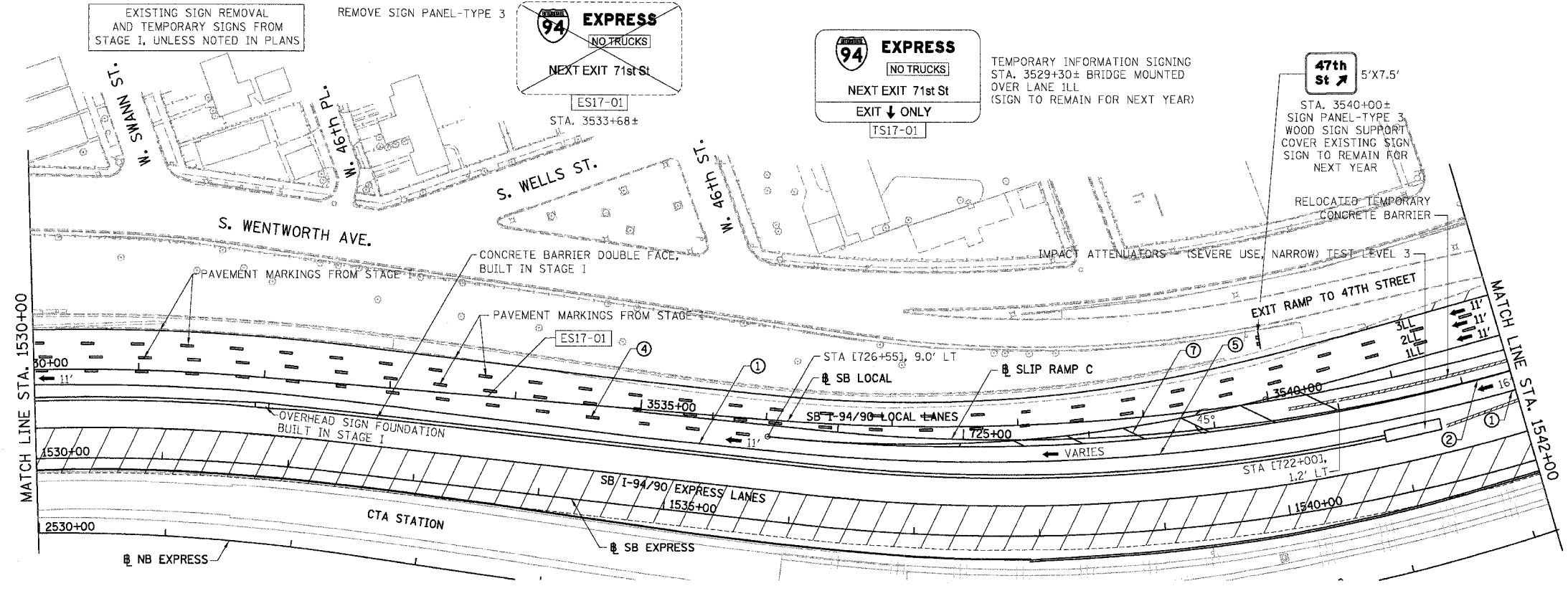
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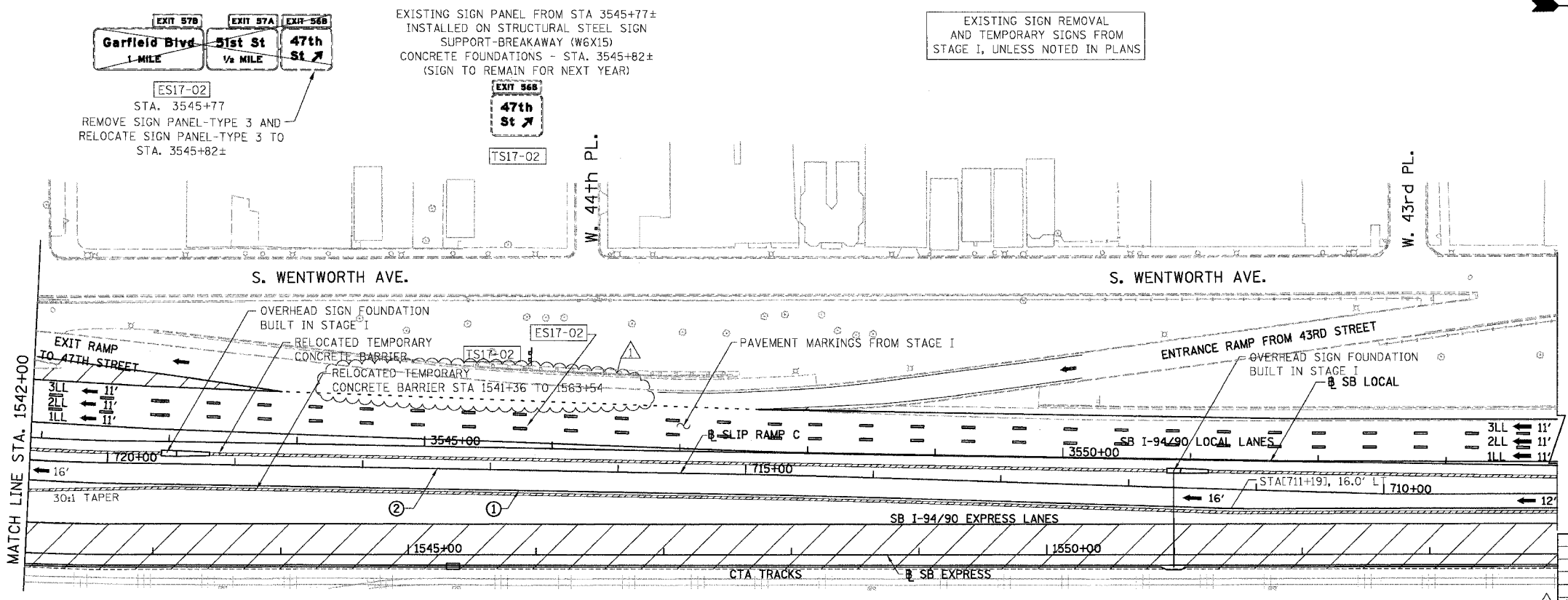
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312.228.0100
www.bbainc.com

MOT-20 1/23/03

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	111
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*01818, ETC, 2324.6-1PJR-9			



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

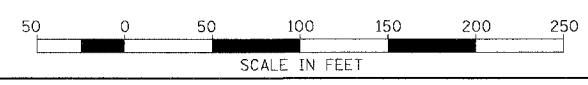


- STATIONING**
- [+..+..] STATION PROVIDED FROM THE SB I-90/94 EXPRESS LANES
 - [+..+..] STATION PROVIDED FROM THE SB I-90/94 LOCAL LANES
 - [+..+..] STATION PROVIDED FROM THE SLIP RAMP

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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



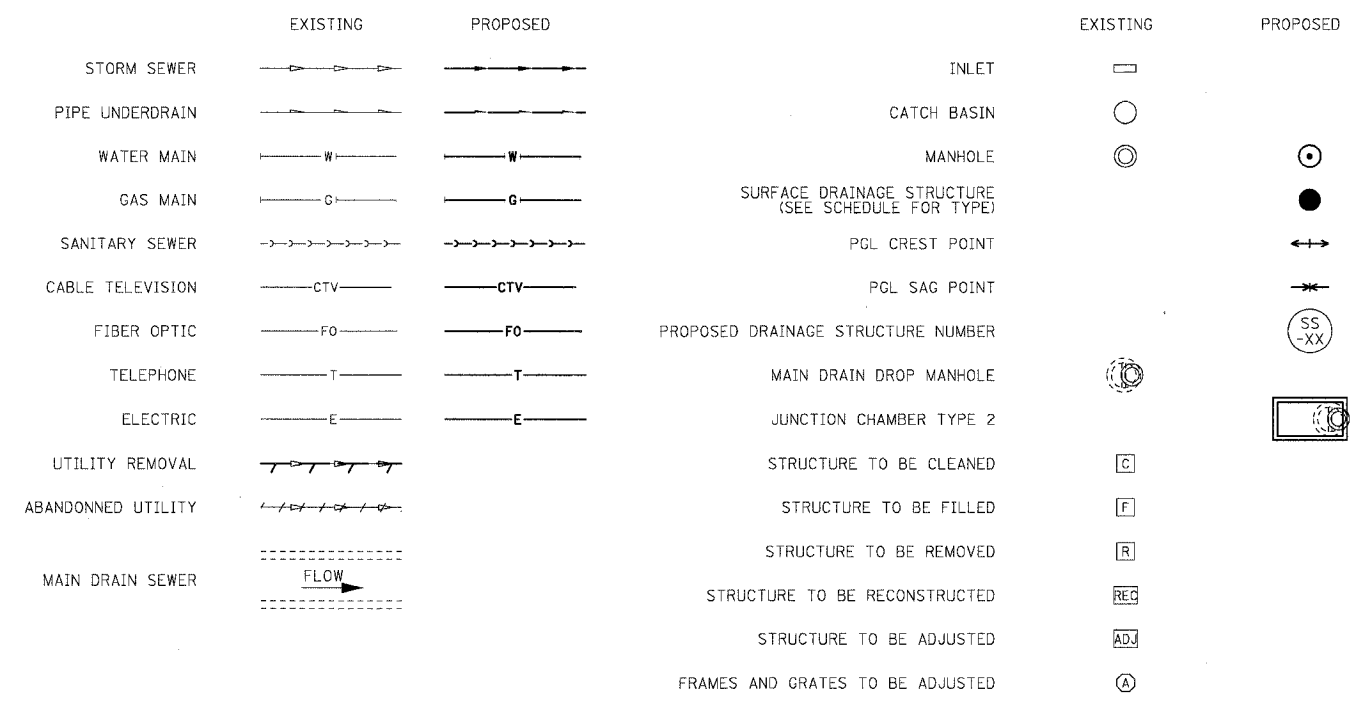
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11/25/05 11:25:38 AM

DRAINAGE & UTILITIES NOTES:

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

DRAINAGE & UTILITIES LEGEND:



SUMMARY OF SPECIAL DRAINAGE STRUCTURES

ITEM	STRUCTURE NUMBER	TYPE	STATION	OFFSET
JUNCTION CHAMBER, NO. 1	JC 19-01	JUNCTION CHAMBER TYPE 2	2473+21	6' LT
JUNCTION CHAMBER, NO. 2	JC 20-01	JUNCTION CHAMBER TYPE 2	2478+13	5' LT
JUNCTION CHAMBER, NO. 3	JC 23-01	JUNCTION CHAMBER TYPE 2	2499+01	6' LT
JUNCTION CHAMBER, NO. 4	JC 24-01	JUNCTION CHAMBER TYPE 2	2504+44	7' LT
JUNCTION CHAMBER, NO. 5	JC 28-01	JUNCTION CHAMBER TYPE 2	2527+73	7' LT
JUNCTION CHAMBER, NO. 6	JC 32-01	JUNCTION CHAMBER TYPE 2	2554+02	3' LT
JUNCTION CHAMBER, NO. 7	JC 35-01	JUNCTION CHAMBER TYPE 2	2568+60	4' LT
JUNCTION CHAMBER, NO. 8	JC 37-01	JUNCTION CHAMBER TYPE 2	2580+01	4' LT
JUNCTION CHAMBER, NO. 9	JC 38-01	JUNCTION CHAMBER TYPE 2	2584+39	7' LT
JUNCTION CHAMBER, NO. 10	JC 41-01	JUNCTION CHAMBER TYPE 2	2607+76	8' LT
JUNCTION CHAMBER, NO. 11	JC 44-01	JUNCTION CHAMBER TYPE 2	2620+91	4' LT

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

SEE CONTRACT 62300 PLANS FOR EXISTING DROP MANHOLES

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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

BOWMAN, BARRETT & ASSOCIATES INC.
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 Chicago, Illinois
 312.228.0100
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EXISTING DRAINAGE STRUCTURE SCHEDULE

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1460+96	56 LT		1				
1460+96	8 RT		1				
1462+77	9 RT		1				
1462+85	53 LT	1					
1463+37	6 RT	1					
1463+45	52 LT	1					
1465+13	51 LT		1				
1465+17	52 LT	1					
1465+22	8 RT		1				
1469+29	56 LT		1				
1469+31	8 RT		1				
1469+57	53 LT	1					
1471+10	56 LT		1				
1471+18	52 LT	1					
1471+18	8 RT		1				
1473+03	56 LT		1				
1473+03	8 RT		1				
1473+17	53 LT	1					
1473+55	53 LT	1					
1473+58	8 RT		1				
1473+59	56 LT		1				
1473+59	2 RT		1				
1473+95	56 LT		1				
1475+93	8 RT	1					
1476+45	56 LT		1				
1476+45	3 RT		1				
1476+51	53 LT	1					
1476+56	5 RT	1					
1477+89	52 LT	1					
1477+95	2 RT	1					
1478+72	52 LT	1					
1478+72	8 RT		1				
1478+79	56 LT		1				
1481+20	5 RT		1				
1481+53	52 LT	1					
1481+81	6 RT	1					
1482+83	53 LT	1					
1482+83	3 RT	1					
1483+47	53 LT	1					
1483+55	56 LT		1				
1485+90	56 LT		1				
1485+90	8 RT		1				
1489+63	8 RT		1				
1489+74	56 LT		1				
1490+87	4 RT	1					
1491+91	47 LT	1					
1491+96	56 LT		1				
1491+96	8 RT		1				
1492+00	54 LT		1				
1493+81	5 RT	1					
1494+01	51 LT	1					
1494+09	57 LT		1				
1494+09	8 RT		1				
1496+34	4 RT	1					
1496+35	53 LT	1					
1496+42	59 LT		1				
1496+44	8 RT		1				
1497+89	53 LT	1					
1498+73	62 LT		1				
1498+76	8 RT		1				
1498+70	53 LT	1					
1500+64	53 LT	1					
1500+72	57 LT		1				
1500+72	2 RT		1				
1500+72	8 RT		1				

STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	STRUCT TO BE CLEANED
1502+66	8 RT	1					
1502+80	54 LT	1					
1503+48	56 LT		1				
1503+55	53 LT	1					
1503+58	8 RT		1				
1504+17	8 RT		1				
1504+19	58 LT		1				
1504+25	53 LT	1					
1507+21	8 RT		1				
1507+24	58 LT		1				
1507+35	54 LT	1					
1508+48	58 LT	1					
1508+80	8 RT		1				
1510+26	62 LT	1					
1510+35	67 LT		1				
1510+35	8 RT		1				
1511+54	71 LT	1					
1511+83	41 LT			1			
1511+88	36 LT			1			
1512+72	8 RT			1			
1512+79	81 LT		0				
1512+86	77 LT	0					
1513+87	45 LT			1			
1516+59	71 LT			1			
1517+18	8 RT		1				
1517+28	53 LT		1				
1517+28	46 LT		1				
1517+33	43 LT	1					
1517+45	72 LT			1			
1520+17	46 LT		1				
1520+23	42 LT	1					
1520+23	7 RT		1				
1521+57	67 LT			1			
1521+57	43 LT		1				
1522+55	7 RT		1				
1522+57	47 LT		1				
1522+65	42 LT	1					
1524+05	6 RT	1					
1524+07	57 LT			1			
1525+50	55 LT			1			
1525+56	0		1				
1526+67	1 RT		1				
1526+71	55 LT			1			
1527+38	54 LT			1			
1527+38	41 LT		1				
1527+45	45 LT	1					
1527+56	6 RT	1					
1528+13	2 RT		1				
1529+75	6 RT		1				
1439+58	42 LT		1				
1514+12	87 LT	1					



ONE NORTH FRANKLIN
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PHONE: (312) 251-3000
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NOTE:
OFFSET FOR DRAINAGE STRUCTURES IS
TO THE CENTER OF THE FRAME AND GRATE.

REVISIONS	
NAME	DATE
ADDENDUM	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE SCHEDULE
EXISTING DRAINAGE STRUCTURE REMOVAL
SCALE: DRAWN BY: MJO
DATE: 7/7/05 CHECKED BY: LPN

DS-2

38/11/2005 02:47:20 PM

EXISTING DRAINAGE STRUCTURE SCHEDULE

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	125
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		• (1818, ETC, 2324.6-1)PR-8		

STATION	OFFSET	CB ADJ NEW TIF OL	MAN ADJ NEW TIF CL	INLET ADJ NEW TIF OL
1398+40	80 LT		1	
1399+88	74 LT		1	
1405+05	47 LT		1	
1411+04	50 LT		1	
1411+65	49 LT		1	
1427+21	51 LT			1
1429+37	49 LT			1
1431+27	54 LT			1
1431+29	45 LT	1		
1431+37	49 LT			1
1433+17	51 LT			1
1436+56	46 LT	1		
1438+08	45 LT	1		
1512+79	81 LT	1		
1441+64	46 LT	1		
1445+33	55 LT			1
1449+75	89 LT			1
1449+83	92 LT			1
1450+29	89 LT			1
1450+40	94 LT			1
1450+40	84 LT	1		
1450+83	91 LT			1
1450+95	93 LT			1
1453+49	83 LT			1
1457+45	66 LT			1
1457+54	63 LT			1
1459+70	65 LT			1
1459+79	62 LT			1
1460+32	65 LT			1
1460+41	61 LT			1
1460+96	65 LT			1
1461+06	61 LT			1
1462+75	62 LT			1
1462+87	63 LT			1
1467+73	52 LT		1	
1471+02	62 LT			1
1471+10	65 LT			1
1473+03	65 LT			1
1473+12	62 LT			1
1473+52	62 LT			1
1473+59	65 LT			1
1476+34	63 LT			1
1476+45	65 LT			1
1478+79	65 LT			1
1478+88	63 LT			1
1479+92	2 RT		1	
1481+11	62 LT			1
1481+18	57 LT	1		
1482+24	3 RT		1	

STATION	OFFSET	CB ADJ NEW TIF OL	MAN ADJ NEW TIF CL	INLET ADJ NEW TIF OL
1483+05	3 RT		1	
1483+43	61 LT			1
1485+83	53 LT		1	
1489+68	61 LT			1
1489+78	53 LT		1	
1491+83	62 LT			1
1494+20	63 LT			1
1496+50	55 LT		1	
1496+56	63 LT			1
1498+65	63 LT			1
1502+63	62 LT			1
1503+40	62 LT			1
1504+33	65 LT			1
1508+56	62 LT	1		
1509+59	77 LT			1
1513+87	5 RT		1	
1514+04	105 LT			1
1512+86	77 LT		1	
1538+98	19' LT	1		
1546+60	13' RT	1		
1547+21	15' RT		1	
1548+63	13' RT	1		
1549+44	13' RT		1	
1551+58	13' RT	1		
1551+66	13' RT	1		
1555+41	12' RT	1		
1567+66	12' RT	1		
1570+13	13' RT	1		
1572+75	14' RT		1	
1572+92	15' RT		1	
1575+03	12' RT	1		
1577+69	12' RT		1	
1577+69	15' RT		1	
1577+98	15' RT		1	
1578+52	15' RT		1	
1579+39	13' RT	1		
1581+89	13' RT	1		
1583+76	12' RT			1
1585+77	12' RT			1
1587+78	12' RT			1
1589+74	12' RT			1
1590+57	15' RT		1	
1591+39	12' RT			1
1594+09	12' RT			1
1597+59	12' RT	1		
1600+08	11' RT			1
1601+84	11' RT			1
1603+85	11' RT			1
1605+85	11' RT			1

STATION	OFFSET	CB ADJ NEW TIF OL	MAN ADJ NEW TIF CL	INLET ADJ NEW TIF OL
1607+15	11' RT			1
1607+95	11' RT			1
1608+14	11' RT			1
1609+56	13' RT			1
1611+72	4' RT	1		
1619+21	4' RT	1		
1622+79	14' RT	1		
1622+95	12' RT			1
1624+16	11' RT			1
1624+78	12' RT		1	
1624+92	12' RT	1		
1626+19	13' RT		1	
1626+31	13' RT	1		
1630+15	17' RT		1	
1630+84	64' LT	1		
1631+39	13' RT	1		
1631+77	12' RT		1	
1632+41	64' LT	1		
1632+34	12' RT		1	
1632+36	11' RT			1
1633+19	12' RT	1		
1633+76	12' RT	1		
1633+90	64' LT	1		
1634+08	13' RT		1	
1634+63	63' LT			1
1636+27	64' LT	1		
1636+37	18' RT	1		
1636+46	66' LT		1	
1637+39	65' LT		1	
1637+50	64' LT	1		
1638+54	64' LT		1	
1640+54	64' LT		1	
1641+17	64' LT	1		
1642+40	66' LT		1	
1642+55	9' RT			1
1643+33	66' LT	1		
TOTAL		36	34	64

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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

DS-05
4/4/02 PM
8/17/2005

EXISTING STORM SEWER SCHEDULE

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)
1537+71.9	31.6'	LT	OFFSITE	OFFSITE		26.9										10.2
1539+10.4	33.8'	LT	OFFSITE	OFFSITE			25.0									9.8
1539+64.7	33.7'	LT	OFFSITE	OFFSITE				38.7								39.3
1540+41.5	61.2'	LT	OFFSITE	OFFSITE		19.5										
1540+43.6	36.0'	LT	OFFSITE	OFFSITE				43.1								
1540+43.6	36.0'	LT	OFFSITE	OFFSITE		82.7										13.6
1542+99.1	85.4'	LT	OFFSITE	OFFSITE			6.0									
1548+47.1	58.1'	LT	OFFSITE	OFFSITE			14.0									
1548+47.1	58.1'	LT	OFFSITE	OFFSITE					63.2							
1551+51.4	67.0'	LT	OFFSITE	OFFSITE				5.8								
1553+80.2	52.0'	LT	OFFSITE	OFFSITE									56.8			80.6
1560+10.0	52.7'	LT	OFFSITE	OFFSITE						56.4						55.0
1562+96.3	54.3'	LT	OFFSITE	OFFSITE						11.8						5.5
1564+60.6	51.8'	LT	OFFSITE	OFFSITE								60.6				39.6
1567+55.6	67.4'	LT	OFFSITE	OFFSITE		18.9										2.0
1568+35.3	52.0'	LT	OFFSITE	OFFSITE									58.2			62.5
1572+39.9	52.5'	LT	OFFSITE	OFFSITE									60.6			
1573+57.6	54.3'	LT	OFFSITE	OFFSITE			11.7									4.3
1574+77.0	54.4'	LT	OFFSITE	OFFSITE			11.5									4.4
1579+77.9	52.0'	LT	OFFSITE	OFFSITE							58.5					85.7
1582+98.6	52.2'	LT	OFFSITE	OFFSITE	14.1											2.5
1583+95.0	57.0'	LT	OFFSITE	OFFSITE		2.4										
1585+93.4	52.2'	LT	OFFSITE	OFFSITE		13.8										
1587+93.5	52.4'	LT	OFFSITE	OFFSITE		13.6										
1589+91.9	52.9'	LT	OFFSITE	OFFSITE		13.1										
1591+58.2	51.6'	LT	OFFSITE	OFFSITE			13.0									
1594+18.4	51.9'	LT	OFFSITE	OFFSITE		14.1										
1597+48.9	51.8'	LT	OFFSITE	OFFSITE		13.6										
1598+48.5	51.9'	LT	OFFSITE	OFFSITE	14.1											
1599+98.5	52.1'	LT	OFFSITE	OFFSITE		13.6										
1601+78.5	52.2'	LT	OFFSITE	OFFSITE		17.3										
1601+78.5	52.2'	LT	OFFSITE	OFFSITE			17.4									
1603+79.0	52.7'	LT	OFFSITE	OFFSITE		13.3										
1605+79.0	52.3'	LT	OFFSITE	OFFSITE		13.7										
1607+08.6	51.9'	LT	OFFSITE	OFFSITE	14.0											
1607+88.8	52.4'	LT	OFFSITE	OFFSITE		13.9										3.4
1609+59.2	54.5'	LT	OFFSITE	OFFSITE												
1611+46.1	54.7'	LT	OFFSITE	OFFSITE		13.7										
1611+46.1	54.7'	LT	OFFSITE	OFFSITE		11.5										
1619+44.3	55.0'	LT	OFFSITE	OFFSITE				11.0								
1622+94.2	53.9'	LT	OFFSITE	OFFSITE				12.1								
1624+08.8	3.7'	RT	OFFSITE	OFFSITE			65.3									10.7
1626+30.2	52.7'	LT	OFFSITE	OFFSITE			17.8									7.9
1626+30.2	52.7'	LT	OFFSITE	OFFSITE		33.1										11.1
1636+44.1	4.3'	RT	1636+36.8	17.6'	RT	3.2										0.3
1637+37.0	54.9'	LT	OFFSITE	OFFSITE								66.1				135.9
1638+82.6	55.9'	LT	OFFSITE	OFFSITE			8.7									
1643+12.2	60.2'	LT	1643+24.7	61.0'	LT			10.7								0.7
TOTALS					692	6619	4957	3210	4072	613	3683	685	1199	333	57	5832

PIPE UNDERDRAIN REMOVAL

STATION	OFFSET	TO	STATION	OFFSET	PIPE UNDERDRAIN REMOVAL (LF)
1534+79.5	32.32'	LT	1534+79.4	51.61'	19.3
1540+12.8	14.4'	RT	1540+16.9	88.2'	102.6
1548+38.2	10.9'	RT	1548+38.2	74.1'	84.8
1607+79.3	11.5'	RT	1607+78.7	63.2'	74.6
1622+78.7	7.7'	RT	1622+79.2	63.8'	71.4
1636+27.5	63.9'	LT	1636+28.6	6.0'	69.9
1638+54.3	5.98'	RT	1638+54.3	64.41'	70.4
TOTAL					494

PLUG AND ABANDON EXISTING PIPE

STATION	ABANDON LENGTH (LF)	PIPE DIAMETER (IN)	VOLUME (CY)
1368+77	53	12	1.5
1372+60	47	12	1.4
1383+11	7	15	0.3
1384+85	9	15	0.4
1386+51	8	15	0.4
1391+04	29	18	1.9
1391+13	49	18	3.2
1391+20	52	18	3.4
1394+03	52	18	3.4
1396+94	50	15	2.3
1398+88	57	12	1.7
1401+18	47	12	1.4
1402+64	50	12	1.5
1405+11	50	12	1.5
1406+74	50	12	1.5
1407+99	55	15	2.5
1409+25	54	12	1.6
1410+10	94	8	1.2
1410+91	52	12	1.5
1412+98	154	12	4.5
1413+92	75	10	1.5
1414+74	60	10	1.2
1415+59	55	12	1.6
1416+50	78	10	1.6
1417+34	65	12	1.9
1418+16	64	12	1.9
1419+04	73	12	2.1
1419+89	82	12	2.4
1420+77	71	12	2.1
1421+87	72	10	1.5
1422+96	67	12	1.9
1424+07	74	24	8.6
1429+58	72	30	13.1
1437+33	72	36	18.8
1441+70	70	18	4.6
1445+38	75	18	4.9
1447+58	72	15	3.3
1450+47	68	36	17.8
1460+32	41	10	0.8
1460+57	46	30	8.4
1465+20	46	30	8.4
1473+10	46	30	8.4
1473+58	43	15	2.0
1477+94	47	30	8.5
1482+83	46	30	8.4
1493+85	46	12	1.3
1498+82	46	24	5.3
1504+25	44	30	8.0
1510+25	42	30	7.6
1517+25	42	24	4.9
1522+70	42	24	4.9
1524+05	42	12	1.2
1525+57	43	24	5.0
1526+68	43	15	2.0
1527+56	43	18	2.8
1528+13	47	12	1.4
1529+75	48	10	1.0
1530+20	36	12	1.0
1531+44	38	12	1.1
1532+66	41	18	2.7
1534+78	41	24	4.8
1539+62	36	18	2.4
1540+50	35	18	2.3
1548+46	35	30	6.4
1553+79	36	42	12.8
1560+10	35	24	4.1
1564+54	35	30	6.4
1565+35	32	10	0.6
1568+36	35	36	9.2
1572+41	35	36	9.2
1579+77	36	30	6.5
1582+98	34	12	1.0
1583+96	39	36	10.2
1591+90	35	30	6.4
1600+69	35	36	9.2
1607+49	34	36	8.9
1609+60	33	15	1.5
1611+46	41	15	1.9
1613+58	41	12	1.2
1620+80	37	36	9.7
1624+09	35	15	1.6
1626+30	35	18	2.3
TOTAL			342

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

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	132
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		* 11818, ETC, 2324.6-1PR-8		

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

DS-12
8/11/2005
1:37:25 PM

SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RFE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	133
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	1818, ETC, 2324.6-IPR-9			

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D TIF OL	CB, TA, 4D T8C	CB, TA, 4D T20 F&G	CB, TA, 5D TIF OL	CB, TA, 5D T20 F&G	CB, TC, 2D T20 F&G	MH, TA, 4D TIF CL	MH TA 5D TIF CL	MH TA 6D TIF CL	DR STR T1 W/2 T20 F&G	DR STR T2 W/2 T22 F&G	INLET, TYPE B, TIF OL	INLET, TYPE B, T 20 F&G	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
1-01	1367+23.00	8.00	-9.42			1											-14.92N,	162
1-02	1368+35.00	3.00	-8.62							1							-14.67N, -15.41S, -15.41W,	162
1-03	1369+21.00	8.00	-8.43			1											-14.26S,	162
1-04	1370+35.00	3.00	-7.62							1							-14.16N, -14.26W,	162
1-05	1371+19.00	8.00	-7.44			1											-13.36S,	162
1-06	1372+36.00	3.00	-6.62							1							-13.32N, -13.57W,	162
2-01	1373+17.00	8.00	-6.45			1											-12.55S,	162
2-02	1375+81.00	4.00	-5.85			1											-11.68N,	108
2-03	1376+86.00	2.00	-6.17					1									-13.63N, -13.68S,	104
2-04	1378+01.00	1.00	-6.74					1									-13.39N, -13.44S,	99
2-05	1378+29.00	2.00	-6.84													1	-13.05N, -13.34S,	99
2-06	1378+44.00	1.00	-6.8			1											-12.69N, -13.01S, -12.96W,	99
2-07	1378+59.00	2.00	-6.84													1	-12.63S,	99
2-08	1378+29.00	-66.00	-7.23													1	-13.06N,	
2-09	1378+44.00	-65.00	-7.23			1											-12.66N, -12.66S, -12.76E,	
2-10	1378+59.00	-66.00	-7.23													1	-13.06S,	
2-11	1376+46.00	2.00	-5.99								1						-13.74N, -12.39S, -13.79W,	108
3-01	1379+52.00	2.00	-6.43			1											-12.26N,	99
3-02	NOT USED																	
3-03	1380+06.00	2.00	-5.9			1											-12.07N, -12.17S,	162
3-04	1381+13.00	1.00	-4.53			1											-10.54N, -10.61S,	162
3-05	NOT USED																	
3-06	1383+06.00	5.00	-2.2			1											-8.8N, -9.05S,	162
3-07	1384+99.00	8.00	-0.35			1											-6.91S,	162
4-01	1385+67.00	5.00	0.32							1							-6.2N, -6.75W,	162
4-02	1386+92.00	8.00	0.84			1											-4.99S,	162
4-03	1390+42.00	-47.50	-1.27	1													-7.1E,	
4-04	1390+42.00	3.00	1.27							1							-7.44N, -7.34W,	162
5-01	NOT USED																	
5-02	1391+41.00	9.00	0.69			1											-5.14S,	162
5-03	1393+41.00	9.00	-0.31													1	-6.14N,	162
5-04	1393+56.00	8.00	-0.32			1											-6.2N, -6.2S, -7.07W,	162
5-05	1393+71.00	9.00	-0.31													1	-6.14S,	162
5-06	1393+56.00	-44.00	-2.57			1											-8.45N, -8.45S, -8.83W, -8.58E,	
5-07	1393+71.00	-45.00	-2.56													1	-8.39S,	
5-08	1393+53.00	-55.00	-1.25								1						-9.57N, -9.01E,	
5-09	1395+02.00	-61.00	0.75								1						-10.63N, -9.88S, -8.02NE,	
5-10	1395+10.00	-48.00	-1.99			1											-7.82E, -7.92SW,	
5-11	1395+16.00	8.00	0.49			1											-5.34W,	162
5-12	1396+69.00	-48.00	-0.46			1											-6.29NW,	
5-13	1396+78.00	-53.00	-0.2								1						-10.95N, -10.85S, -6.39SE,	
5-14	1393+41.00	-45.00	-2.56													1	-8.39N,	
5-15	1393+56.00	-39.00	-2.24			1											8.49E, 8.39W	
5-16	1394+98.00	-55.00	-2.35					1									-5.23NW,	
6-01	1398+19.00	-52.00	2.1								1						-9.83N, -11.16S, -9.83W, -11.66E, -3.74NW, -4.87NE	
6-02	NOT USED																	
6-03	1398+32.00	-57.50	2.5			1											-3.33SE,	
6-04	1398+23.00	-48.00	0.98					1									-4.85SW,	
6-05	1398+30.00	8.00	3.46			1											-2.37S,	
6-06	1399+68.00	-52.00	3.5							1							-3.99N, -9.08S, -2.33W,	
6-07	1399+75.00	-48.00	1.94														-3.89S,	
7-01	1403+26.00	8.00	4.15			1											-1.68SW,	162
7-02	1403+26.00	-39.00	2.23								1						-7.45N, -3.6E, -3.99SW,	
7-03	1403+18.00	-44.00	1.94			1											-3.89N,	
7-04	1404+88.00	-60.00	3.03					1									-4.13N,	
7-05	1405+12.00	-39.00	1.29														-10.32N, -8.16S, -4.54E, -4.79SW,	
7-06	1405+12.00	8.00	2.72			1											-3.23W,	162
7-07	1406+94.00	-46.00	0.24														-5.59SE,	
7-08	1406+94.00	-39.00	0.57													1	-11.12N, -10.85S, -5.69NW, -11.62SE	
7-09	NOT USED																-5.6N, -11.68NW, -11.78SE	162
7-10	1406+94.00	8.00	0.33			1											-5.5S,	162
7-11	1405+06.00	-46.00	1.34														-4.49SW, -4.74NE	
8-01	1408+94.00	8.00	-1.59			1											-7.42SW,	162
8-02	1408+50.00	-39.00	-0.1														-10.66N, -10.91S, -6.23W, -7.65E,	
8-03	1408+52.00	-44.00	-0.36			1											-6.19E,	
8-04	1409+25.00	-39.00	-0.55														-10.55S, -7.24W, -9.3E,	

DS-13



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

REVISIONS		DATE
NAME		
ADDENDUM		8/12/05

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

DRAINAGE SCHEDULE
PROPOSED DRAINAGE STRUCTURES

SCALE: 1" = N.T.S.
DATE: 7/1/05

DRAWN BY: MJO
CHECKED BY: LPN

08/11/2005 02:45:41 PM

SCHEDULE OF DRAINAGE STRUCTURES

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D TIF OL	CB, TA, 4D T8G	CB, TA, 4D T20 F&G	CB, TA, 5D TIF OL	CB, TA, 5D T20 F&G	CB, TC, 2D T20 F&G	MH, TA, 4D TIF CL	MH, TA 5D TIF CL	MH, TA 6D TIF CL	DR STR T1 W/2 T20 F&G	DR STR T2 W/2 T22 F&G	INLET, TYPE B, TIF OL	INLET, TYPE B, T 20 F&G	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
12-09	1435+56.00	-39.00	-0.17								1						-8.57N, -8.67S, -6.34W,	
12-10	1436+50.00	-39.00	-0.65								1						-8.29N, -8.35S, -7.18E, 8.20W	
12-11	1436+50.00	8.00	-1.13			1											-6.96W,	162
12-12	1436+97.00	9.00	-1.24													1	-7.07N,	162
12-13	1436+97.00	-45.00	-1													1	-6.83N,	
13-01	1437+12.00	-44.00	-1.01			1											-7.1N, -6.89S, -7.2E,	
13-02	1437+31.00	-45.00	-1														-7.05S,	
13-03	1437+12.00	-39.00	-0.77								1						-8.05N, -8.15S, -7.22W, -7.70E,	
13-04	1437+33.00	3.00	-1														-7.39, -7.49W	
13-05	1437+12.00	8.00	-1.25			1											-7.13N, -7.13S, -7.38W,	162
13-06	1437+27.00	9.00	-1.24													1	-7.07S,	162
13-07	1438+00.00	8.00	-1.02			1											-6.85W	162
13-08	1438+00.00	-39.00	-0.54														-7.34N, -7.84S, -7.07E,	
13-09	1438+46.00	-44.00	-0.47			1											-6.40E, -6.30W	
13-10	1438+46.00	-39.00	-0.23														-6.95N, -7.20S, -6.50W,	
13-11	1439+69.00	-39.00	0.98														-5.67N, -6.42S, -5.51E, -5.51W	
13-12	1439+69.00	8.00	0.54			1											-5.29W,	162
13-13	1440+81.00	-44.00	1.87			1											-3.96E,	
13-14	1441+71.00	-42.00	2.78							1							-4.28S, -4.04E, -4.04W	
13-15	1441+71.00	8.00	2.46			1											-3.74W	162
13-16	1440+81.00	-39.00	2.11							1							-4.82N, -4.92S, -4.03W,	
14-01	1445+39.00	-40.00	2.49								1						-8.26N, -3.93W, -9.26E,	
14-02	NOT USED																	
14-03	1445+39.00	-44.00	2.33			1											-3.91E, -3.81W	
14-04	1445+58.00	8.00	1.92			1											-3.91S,	
14-05	308+51.00	-5.00	-0.58			1											-6.82E, -6.72W	
14-06	1447+55.00	-41.00	0.31								1						-6.44N, -7.79S, -6.89W, -6.10E,	
14-07	1447+55.00	8.00	-0.05			1											-5.88W,	162
14-08	1448+00.00	-44.00	-0.3			1											-6.14SE	
15-01	310+44.00	-29.00	-3.73													1	-9.66N, -9.56W	
15-02	1449+49.00	-44.00	-1.65			1											-7.48N,	
15-03	1449+62.00	-39.00	-1.46							1							-10.77N, -10.18W, -8.00E, -7.53SW	
15-04	NOT USED																	
15-05	310+44.00	7.00	-3.21														-9.04N,	
15-06	310+59.00	6.00	-3.22			1											-9.1N, -9.1S, -10.02W, -10.12E	
15-07	310+74.00	7.00	-3.21														-9.04S,	
15-08	310+59.00	-28.00	-3.74			1											-9.62N, -9.72S, -9.82E,	
15-09	310+74.00	-29.00	-3.73														-9.56S,	
15-10	1450+19.00	-45.00	-1.94														-7.77N,	
15-11	1450+34.00	-44.00	-1.95			1											-7.83S, -8.08E,	
15-12	1450+49.00	-45.00	-1.94														-7.77S,	
15-13	1450+39.00	-39.00	-1.71								1						-10.12N, -11.22S, -11.32E, -8.12SW,	
15-14	1449+49.00	9.00	-1.94			1											-7.77W,	162
15-15	1450+19.00	9.00	-2.18														-8.01N,	162
15-16	1450+34.00	8.00	-2.19			1											-8.07S, -8.17NW,	162
15-17	1450+49.00	9.00	-2.18			1											-8.01SW,	
15-18	NOT USED																	
15-19	1451+35.00	9.00	-1.83			1											-7.66W,	162
15-20	311+92.00	-28.00	-3.01			1											-9.25NE, -9.15W	
15-21	1451+35.00	-39.00	-1.35														-9.76N, -9.86S, -9.76W, -7.89E,	
15-22	313+70.00	6.00	-0.47			1											-6.3E,	
15-23	1452+73.00	-39.00	-0.05														-9.26N, -9.36S, -6.4W,	
15-24	1453+32.00	-44.00	0.2			1											-6.86W, -6.96E,	
15-25	1453+32.00	8.00	-0.04														-5.87W,	162
15-26	314+28.00	-24.00	-0.52			1											-6.76E, -6.66W	
15-27	312+32.00	-19.00	-2.2							1							-9.51E, -9.41SW,	
15-28	1451+35.00	-44.00	-1.55			1											-9.63W, -9.73E,	
15-29	1453+32.00	-39.00	0.4														-9.10S, -6.99W, -6.1E,	
16-01	318+64.00	-19.00	-0.15														-8.56N, -6.55E, -6.40SW, -8.00SW	
16-02	NOT USED																	
16-03	1457+69.00	8.00	-0.26			1											-6.09W,	162
16-04	1457+69.00	-40.00	0.14	1													-6.46W, -6.36E	
16-05	1459+77.00	-56.00	-0.17														-9.75N, -9.05S, -9.30W, -6.4E	
16-06	1459+71.00	-58.00	-1.99			1											-9.02W, -9.27NE	
16-07	1459+77.00	8.00	-0.26			1											-6.09W,	162
17-01	1460+20.00	-58.00	-2.14														-7.97N,	

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

REVISIONS	
NAME	DATE
ADDENDUM	8/12/05

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



08/11/2005 02:46:57 PM

SCHEDULE OF DRAINAGE STRUCTURES

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D TIF OL	CB, TA, 4D T8G	CB, TA, 4D T20 F&G	CB, TA, 5D TIF OL	CB, TA, 5D T20 F&G	CB, TC, 2D T20 F&G	MH, TA, 4D TIF CL	MH, TA, 5D TIF CL	MH, TA, 6D TIF CL	DR STR T1 W/2 T20 F&G	DR STR T2 W/2 T22 F&G	INLET, TYPE B, TIF OL	INLET, TYPE B, T 20 F&G	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
17-02	1460+35.00	-57.00	-2.15			1											-8.87N, -8.03S, -9.10E, -9.00W	
17-03	1460+50.00	-58.00	-2.14			1											-8.73N, -8.83S	
17-04	1460+35.00	-53.00	-2.14								1						-9.89S, -9.11W, -10.39E,	
17-05	NOT USED																	
17-06	1460+20.00	9.00	-2.13													1	-7.96N,	162
17-07	1460+35.00	8.00	-2.14			1											-8.02N, -8.02S, -8.27W,	162
17-08	1460+55.00	9.00	-2.13													1	-7.96S,	162
17-09	1461+14.00	8.00	-1.93			1											-7.76S,	
17-10	1460+14.00	-58.00	-2.14			1											-8.56S, -8.46W	
17-11	1463+31.00	-56.00	0.11			1											-6.25S, -6.5NE, -6.25W	
17-12	1463+31.00	8.00	0.11			1											-5.72W,	162
17-13	1463+46.00	-52.00	0.42								1						-7.82N, -6.56SW, -6.02SE	
17-14	1465+13.00	-56.00	1.8			1											-4.13SE, -4.03W	
17-15	1465+08.00	-52.00	2.04								1						-8.34S, -8.84E, -4.23NW,	
17-16	NOT USED																	
17-17	1465+08.00	8.00	1.76			1										△	-4.07N	
17-18	1460+35.00	3.00	-1.9								1						-10.57N, -10.47W, -8.3E,	
17-19	1462+76.00	-56.00	-0.16			1											6.00N	
18-01	1469+30.00	-56.00	1.9			1											-4.25E, -4.15W	
18-02	1469+28.00	8.00	1.91			1											-3.92W,	162
18-03	1469+57.00	-52.00	1.9								1						-7.98N, -7.73S,	
18-04	1471+11.00	-56.00	0.14			1											-5.69NE,	
18-05	1471+18.00	-52.00	0.26								1						-9.89N, -9.29S, -5.79W, -6.03E,	
18-06	1471+18.00	8.00	0.1			1											5.73W	162
18-07	1469+28.00	-52.50	2.09							1							-7.54N, -4.26W, -4.21E,	
19-01	1472+92.00	8.00	-1.66			1											-7.49NW,	162
19-02	1473+04.00	-56.00	-1.73			1											-7.56NE,	
19-03	1473+10.00	-51.00	-1.52								1						-9.13N, -11.09S, -11.84E, -7.66SW,	
19-04	1473+11.00	3.00	-1.52								1						-11.96W, -12.16E, -7.59SE, -8.49NE	
19-05	1473+62.00	9.00	-1.91			1											-8.11N, -8.21S,	162
19-06	1473+75.00	8.00	-1.91			1											-7.8N, -8.05S, -7.51W,	162
19-07	1473+90.00	9.00	-1.91	△												1	-7.74S,	162
19-08	1473+75.00	3.00	-1.67	1													-7.50E,	
19-09	1473+62.00	-57.00	-1.91													1	-7.84N, -7.74W	
19-10	1473+75.00	-56.00	-1.91			1											-7.8N, -7.94S, -8.19E,	
19-11	1473+90.00	-57.00	-1.91													1	-7.74S,	
19-12	1473+80.00	-51.00	-1.67							1							-8.57N, -8.92S, -8.29W,	
19-13	1474+58.00	8.00	-1.67			1											-7.5W,	162
19-14	1474+51.00	-51.00	-1.47							1							-8.05S, -7.66W, -7.8E,	
19-15	1474+58.00	-56.00	-1.67			1											-7.60E, -7.50W	
19-16	1476+03.00	-51.00	-0.03							1							-7.13N, -6.24W, -6.33E,	
19-17	1476+03.00	8.00	-0.23			1											-6.06W,	49
19-18	1475+98.00	-56.00	-0.28			1											-6.21NE, -6.11W	
19-19	1477+81.00	-56.00	1.64			1											-4.29E, -4.19W	
19-20	1477+81.00	4.50	1.78			1											-4.05N,	
19-21	1477+90.00	-51.00	1.98								1						-6.95N, -8.13S, -9.13E, -4.39SW,	
19-22	1477+93.00	3.00	2.01								1						-4.15S, -9.19W, -9.29E,	
19-23	1476+45.00	-51.00	0.39							1							-7.42N, -7.32S,	
20-01	1478+75.00	-51.00	2.89								1						-6.68N, -6.78S,	
20-02	1479+78.00	-51.00	4								1						-6N, -6.5S, -2.26W, -2.25E,	
20-03	1479+78.00	-56.00	3.76			1											-2.16E, -2.06W	
20-04	1479+78.00	5.00	3.88			1											-1.95W,	63
20-05	1481+55.00	-56.00	5.65			1											-0.28E, -0.18W	
20-06	1481+55.00	5.00	5.81			1											-0.02W,	90
20-07	1481+55.00	-51.00	5.89								1						-5.14N, -5.24S, -0.38W, -0.31E,	
20-08	1483+55.00	-51.00	8.03								1						-3.6N, -4.35S, 2.00W, 1.85E,	
20-09	1483+55.00	-56.00	7.79			1											2.04E, 2.14W	
20-10	1483+55.00	5.00	7.95			1											2.12W,	162
20-11	1481+18.00	-51.00	5.49								1						-5.36N, -5.46S,	
21-01	1485+69.00	-51.00	10.16								1						-2.44S, 3.96W, 3.86E,	
21-02	1485+69.00	-56.00	9.92			1											3.99E, 4.09W	
21-03	1485+69.00	6.00	10			1											4.17W,	162
22-01	1490+69.00	-56.00	9.91			1											3.98E, 4.08W	
22-02	1490+69.00	6.00	9.99			1											4.16W,	162
22-03	1490+73.00	-51.00	10.12								1						-2.3N, 3.85W, 3.98E,	
22-04	1492+66.00	6.00	8.12			1											2.29W,	162

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

REVISIONS	
NAME	DATE
ADDENDJMJ	8/12/05

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SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RTE. 94/90	SECTION *	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 137
STA. 62302		TO STA. (1818, ETC, 2324.6-1P1R-9		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D TIF OL	CB, TA, 4D T8G	CB, TA, 4D T20 F&G	CB, TA, 5D TIF OL	CB, TA, 5D T20 F&G	CB, TC, 2D T20 F&G	MH, TA, 4D TIF CL	MH TA 5D TIF CL	MH TA 6D TIF CL	DR STR T1 W/2 T20 F&G	DR STR T2 W/2 T22 F&G	INLET, TYPE B, T1F OL	INLET, TYPE B, T 20 F&G	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
22-05	1492+66.00	-51.00	8.28								1						-4.11N, -3.36S, 2.12W, 1.98E, 2.22E,	
22-06	1492+66.00	-56.00	8.05			1											-4.61N, -4.81S, -0.25S	
22-07	1494+12.00	-51.00	6.79								1						-5.47N, -4.97S, 0.19W, -0.06E, 0.24E,	
22-08	1494+63.00	-51.00	6.27								1						0.24W,	162
22-09	1494+63.00	-56.00	6.07			1											-3.13N, -2.93S, 2.17W	
22-10	1494+63.00	8.00	6.07			1											-2.05E, -1.95W,	
22-11	1491+97.00	-51.00	8.98								1						-5.97N, -5.77S, -2.08W, -1.87E,	
23-01	1496+43.00	-56.00	4.19			1											-6.41N, -6.21S,	
23-02	1496+43.00	-54.00	4.31														-1.56W,	162
23-03	1497+90.00	-51.00	2.69								1						-3.74N,	162
23-04	1496+43.00	7.00	4.27			1											-5.85E, -5.75W	
23-05	1498+57.00	6.00	2.09														-8.42N, -6.55S, -5.95W, -8.77E,	
23-06	1498+73.00	-56.00	1.85														-3.88S, -8.87W, -9.07E,	
23-07	1498+76.00	-51.00	2.06								1						-7.76S, -6.03E, -7.26NW,	
23-08	1498+83.00	4.00	1.95								1						-5.74W,	162
23-09	1500+54.00	-51.00	0.25			1				1							-7.13SE, -7.03W	
23-10	1500+54.00	6.00	0.09														-7.65W,	162
23-11	1500+75.00	-56.00	-0.2			1											-8.66N, -8.76E,	
24-01	1502+61.00	6.00	-1.82														-9.29N, -8.79W, -7.96E,	
24-02	1502+61.00	-56.00	-1.9			1											-8.56S, -8.46W	
24-03	1502+61.00	-51.00	-1.7							1							-9.13N, -9.03W	
24-04	1502+76.00	-56.00	-2.03							1							-8.14N, -9.24S, -8.49E,	
24-05	1503+48.00	-57.00	-2.25														-8.08S,	
24-06	1503+59.00	-56.00	-2.26			1											-9.87N, -9.62S, -9.52W,	
24-07	1503+74.00	-57.00	-2.25								1						-8.00N,	162
24-08	1503+59.00	-51.00	-2.26														-8.31N, -8.06S, -7.86W,	162
24-09	1503+48.00	7.00	-2.17														-8.52N, -8.42S,	162
24-10	1503+59.00	6.00	-2.18			1											-7.85E,	
24-11	1503+74.00	7.00	-2.17														-10.15N, -10.07S, -10.7E, -8.16SW,	
24-12	1503+59.00	3.00	-2.02								1						-7.89N, -8.99S, -10.8W, -10.9E,	
24-13	1504+19.00	-51.00	-2.12														-8.06NE, -7.96W	
24-14	1504+17.00	5.00	-1.96														-7.71N,	162
24-15	1504+20.00	-56.00	-2.14			1											-5.32E,	
24-16	1504+57.00	6.00	-1.88														-5.24W,	162
24-17	1506+59.00	-56.00	0.51			1											-9.47N, -9.67S, -5.36W, -5.56E,	
24-18	1506+59.00	6.00	0.59														-9.14N, -9.34S, -5.60W	
24-19	1506+59.00	-51.00	0.47								1						-8.69N, -8.89S,	
24-20	1507+28.00	-51.00	1.55														-1.86SE,	
25-01	331+84.00	-19.00	3.56														-1.86W,	162
25-02	332+12.00	-18.00	3.97			1											-8.16N, -8.66S, -1.95W, -2.16E,	
25-03	1508+83.00	6.50	3.97								1						-0.09E,	
25-04	332+06.00	-19.00	3.88														-6.67N, -0.86S, -0.38W, -0.17E,	
25-05	333+55.00	-20.00	6.05			1											0.33N, -7.42W,	162
25-06	1510+26.00	-40.00	6.4								1						1.01S,	162
25-07	1510+26.00	4.00	6.16														-5.73N, -5.93S, 1.13W,	
25-08	1510+96.00	6.50	6.84			1											1.23E, 1.33W	
25-09	1511+59.00	-42.00	7.77								1						-4.96S, 2.5W, 2.49E,	
25-10	334+85.00	-20.00	7.47														2.71W,	162
25-11	1512+96.00	-39.00	8.9														2.52E,	
25-12	1512+96.00	6.00	8.54			1											-7.68S, -7.48E, -0.1NW,	
25-13	1512+96.00	-44.00	8.66								1						-0.21N,	
25-14	333+52.00	-18.00	6.11														-0.85N, -0.75S,	
25-15	1509+64.00	-39.00	5.62		1												1.94S,	
25-16	1510+22.00	-40.00	6.44		1												1.91S, 1.81NE,	
25-17	1511+63.00	-42.00	7.77														1.19E, 1.44SW,	
26-01	338+47.00	-22.00	8.84														-5.08N, -4.88S, -3.96W, 2.48E,	
26-02	339+03.00	3.00	8.47			1											-4.08N, 1.09W,	
26-03	1517+46.00	-39.00	8.84								1						2.69W,	162
26-04	1515+75.00	-39.00	9.48														-3.73E,	
26-05	1517+46.00	5.00	8.52														-3.83W, -3.93E,	
26-06	340+75.00	3.00	7.75			1											0.49NE,	
26-07	1517+46.00	-44.00	8.64														-6.51N, -6.01S, 0.78E, 0.28SW,	
26-08	342+59.00	3.00	6.23														0.99W,	162
26-09	1519+45.00	-39.00	7.15								1						0.39SW, 0.29NE	
26-10	1519+42.00	5.00	6.82															
26-11	1519+43.00	-44.00	6.98															

REVISIONS		DATE
NAME	DATE	
ADDENDUM	8/12/05	

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

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



DS-17
08/11/2005 02:53:10 PM

SCHEDULE OF DRAINAGE STRUCTURES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	138
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62302		11818, ETC, 2324.6-1PR-9		

STR. #	STATION	OFFSET	RIM ELEVATION	CB, TA, 4D TIF OL	CB, TA, 4D T8G	CB, TA, 4D T20 F&G	CB, TA, 5D TIF OL	CB, TA, 5D T20 F&G	CB, TC, 2D T20 F&G	MH, TA, 4D TIF CL	MH TA 5D TIF CL	MH TA 6D TIF CL	DR STR T1 W/2 T20 F&G	DR STR T2 W/2 T22 F&G	INLET, TYPE B, TIF OL	INLET, TYPE B, T 20 F&G	INVERT ELEVATION	TEMP SOIL RET. SYSTEM (SQ FT)
27-01	1520+21.00	-44.00	6			1											0.17NE,	
27-02	1520+24.00	-39.00	6.2								1						-7.23N, -6.73S, -0.44SW,	
27-03	344+76.00	6.00	3.4			1											-2.43NE,	
27-04	1521+55.00	-39.00	4.27								1						-7.62N, -7.42S, -2.13E, -2.53SW,	
27-05	1521+55.00	5.00	3.91			1											-1.92W,	162
27-06	1522+66.00	-44.00	2.67			1											-3.57E, -3.47W	
27-07	1522+66.00	-39.00	2.66								1						-7.83S, -3.59W, -8.03E,	
27-08	1522+70.00	3.00	2.35								1						-8.21N, -8.1W,	162
27-09	1523+46.00	5.00	0.85			1											-5.31NW,	162
27-10	1525+28.00	-44.00	-2.43			1											-7.22NW, -7.42E, -7.32W	
27-11	1525+51.00	-55.00	-1.01							1							-7.14SE,	
27-12	1525+28.00	3.00	-2.62								1						-12.59N, -10.65S, -8.79SE, -7.87W,	
27-13	1525+26.00	7.00	-2.92			1											-8.75NW,	162
27-14	1523+51.00	3.00	0.57								1						-9.96N, -8.36S, -5.35SE,	
28-01	1526+76.00	7.00	-4.51			1											-10.34NW,	162
28-02	1527+56.00	3.00	-4.42								1						-12.65N, -15S, -12.97W, -15.25E, -10.72SE, -10.53NE	
28-03	1527+36.00	8.00	-4.7														-10.53N,	162
28-04	1527+51.00	7.00	-4.71			1											-10.58S, -10.68NW,	
28-05	1527+34.00	-45.00	-2.4			1											-10.20, -10.10SW	
28-06	1527+53.00	-44.00	-2.41			1											-9.21N, -9.46SE	
28-07	1527+47.00	-39.00	-2.27								1						-12.9E, -9.52NW, -10.25SW	
28-08	1526+83.00	3.00	-4.26								1						-14.88N, -12.82S, -10.44SE,	
28-09	1527+66.00	10.00	-4.66														-10.49SW,	
28-10	1527+66.00	3.00	-3.31			1											-9.14W,	162
28-11	1527+66.00	-44.00	-2.22														-9.02N, -9.12S,	
28-12	1528+22.00	-44.00	-2.01							1							-8.70S, -8.60W	
28-13	1528+32.00	3.00	-3.99								1						-12.07N, -12.57S, -10.24E,	
28-14	1528+33.00	10.00	-4.39			1											-10.22W,	162
28-15	1529+35.00	-40.00	-0.91								1						-11.74N, -11.84S, -9.45E,	
25-18	332+66.00	-19.00	4.81														-7.92N, -7.98S, -3.66W	
26-12	337+43.00	-31.00	8.60							1							2.91N, 3.01SW	



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

REVISIONS	
NAME	DATE
ADDENDUM	8/12/05

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

DS-18

08/11/2005 09:54:45 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	139
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62302		* (1818, ETC, 2324.6-1P1R-9		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA T1F OL	CB TA 4 DIA T2OF&G	CB TA 5 DIA T1F OL	CB TA 5 DIA T2OF&G	CB TC 2 DIA T2OF&G	MAN TA 4 DIA T1F CL	MAN TA 5 DIA T1F CL	MAN TA 6 DIA T1F CL	DR STR T1 W/2 T2OF&G	DR STR T2 W/2 T2F&G	IN TB T1F OL	IN TB T2OF&G	CB TA 4 DIA T8G	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SO FT)
29-01	1530+15.0	7.9' RT	-2.34		1												-8.51W,	162
29-02	1530+15.0	39.5' LT	0.08						1								-11.54S, -11.44N, -9.54W, -8.94E,	
29-03	1530+15.0	49.5' LT	-2.18									1					-9.34W,	
29-04	1530+15.0	44.8' LT	-0.07														-9.44E,	
29-05	1531+45.0	8.0' RT	-0.50		1												-6.63W,	162
29-06	1531+45.0	39.5' LT	1.89							1							-9.16W, -11.16S, -7.06E, -11.06N,	
29-07	1531+45.0	49.5' LT	-1.01									1					-9.06E,	
29-08	1531+45.0	44.8' LT	1.40														-5.49W,	162
29-09	1532+70.0	8.4' RT	0.69		1												-10.72N, -10.82S, -9.32W, -5.92E,	
29-10	1532+70.0	39.5' LT	1.97							1							-9.12W,	
29-11	1532+70.0	49.5' LT	0.24									1					-9.22E,	
29-12	1532+70.0	44.8' LT	1.76														-3.78W,	162
29-13	1534+10.0	11.7' RT	2.16	△	1												-8.25W, -8.35E,	
29-14	1534+10.0	44.8' LT	2.33		1												-10.45S, -10.35N, -8.45W, -4.25E,	
29-15	1534+10.0	39.5' LT	2.54							1							-3.06W,	162
29-16	1534+75.0	13.6' RT	2.82	△	1												-9.9N,	
29-17	1534+75.0	49.5' LT	2.18									1					-10E,	
29-18	1534+75.0	44.8' LT	2.59														-10.2S, -10.1N, -10.1W, -3.55E,	
29-19	1534+75.0	39.5' LT	2.80							1							-2.62W,	162
29-20	1535+40.0	15.5' RT	3.49	△	1												-8.13E, -8.03W,	
29-21	1535+40.0	44.8' LT	2.85		1												-9.98S, -9.88NE, -8.23W, -3.13E,	
29-22	1535+40.0	39.5' LT	3.06							1							-2.14W,	162
30-01	1536+65.0	16.4' RT	5.06	△	1												-9.55S, -9.45N, -8.05W, -2.65E,	
30-02	1536+65.0	39.5' LT	3.52									1					-7.85W,	
30-03	1536+65.0	49.5' LT	4.24														-7.95E,	
30-04	1536+65.0	44.8' LT	3.25														-1.17W,	162
30-05	1537+75.0	17.5' RT	6.43	△	1												-7.49W, -7.59E,	
30-06	1537+75.0	44.8' LT	4.15		1												-9.19S, -7.95N, -7.69W, -1.69E,	
30-07	1537+75.0	39.5' LT	4.46							1							0.19W,	162
30-08	1539+05.0	16.0' RT	7.81	△	1												-6.32W,	
30-09	1539+05.0	49.5' LT	5.75									1					-6.42E,	
30-10	1539+05.0	44.8' LT	5.50														-7.52S, -5.64N, -0.32E, -6.52W,	
30-11	1539+05.0	39.5' LT	5.81							1							-4.81S,	
30-12	1540+45.0	85.2' LT	5.78														-4.91E,	
30-13	1540+45.0	80.8' LT	5.63														-5.11E, -3.21N, -5.01W,	
30-14	1540+45.0	75.3' LT	5.95							1							-4.2S,	
30-15	1540+55.0	44.8' LT	6.49		1												1.07W,	162
30-16	1540+45.0	12.4' RT	8.83	△	1						△	1					-5.3S, -5.2W, -4.3N, 0.6E,	
30-17	1540+45.0	39.5' LT	6.76														-2.82N, -2.82W, 2.92S,	
31-01	1542+95.6	46.1' LT	7.94							1							1.67W,	
31-02	1542+95.0	73.0' LT	7.56								1						-2.06S, -1.96W, 1.44E,	
31-03	1542+95.0	78.3' LT	6.89		1												-1.86E, -1.76W,	
31-04	1544+85.0	7.5' RT	8.23		1												2.2W,	162
31-05	1544+85.0	69.8' LT	8.06							1							-4.34N, -4.09W, 1.41E,	

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

REVISIONS	
NAME	DATE
ADDENDUM 1	9/12/09

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

DS-19
8/11/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	140
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	(1818, ETC, 2324.6-1PJR-9)			

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T20F&G	CB TA 5 DIA TIF OL	CB TA 5 DIA T20F&G	CB TC 2 DIA T20F&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	DR STR T1 W/2 T20F&G	DR STR T2 W/2 T22F&G	IN TB TIF OL	IN TB T20F&G	CB TA 4 DIA T8G	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
31-06	1544+85.0	79.7' LT	6.70									1						
31-07	1544+85.0	75.0' LT	7.85															
31-08	1546+55.0	7.5' RT	6.59		1												-3.99E, 1.33W, 1.43E,	162
31-09	1546+55.0	66.7' LT	6.86								1						-5.38N, -4.88S, -4.63W, 0.57E,	
31-10	1546+55.0	76.7' LT	5.67									1					-4.43W, -4.53E,	
31-11	1546+55.0	72.0' LT	6.65														0.76W, 0.86E,	
31-12	1546+55.0	43.0' LT	6.18	1													1.63W, 1.73E,	
31-13	1544+85.0	43.9' LT	7.83	1													-1.3W, -1.2E,	
32-01	1548+47.0	7.5' RT	3.89		1												-8.43N, -6.93W, -5.78S, -2.03E,	162
32-02	1548+47.0	63.7' LT	4.05								1						-6.73W, -6.83E,	
32-03	1548+47.0	73.7' LT	3.51									1					-3.52W,	162
32-04	1548+47.0	69.0' LT	3.48														-8.76N, -8.66S, -7.26W, -4.16E,	
32-05	1550+00.0	7.5' RT	1.63		1													
32-06	1550+00.0	61.1' LT	1.70								1							
32-07	1550+00.0	71.0' LT	1.11									1						
32-08	1550+00.0	66.3' LT	1.49														-7.16E, -7.62W, -7.52E,	162
32-09	1551+54.0	7.5' RT	-0.65		1												-8.96S, -10.23N, -8.23W, -8.23E,	
32-10	1551+54.0	58.4' LT	-0.64								1						-8.03W, -8.13E,	
32-11	1551+54.0	68.3' LT	-1.39									1					-13.7N, -14.45E, -14.15W,	162
32-12	1551+54.0	63.6' LT	-0.85														-14.09E, -10.46S, -11.59W,	
32-13	1553+72.0	7.5' RT	-3.44								1							
32-14	1553+72.0	54.2' LT	-3.39								1							
32-15	1553+72.0	64.2' LT	-4.57									1						
32-16	1553+72.0	59.5' RT	-3.60														-11.49E, -1.75E, -1.85W,	162
32-17	1548+47.5	40.9' LT	4.35	1													-11.22N,	162
33-01	1554+75.0	7.5' RT	-3.92		1												-9.06NW, -8.96E,	162
33-02	1555+41.0	7.5' RT	-3.89			1											-11.47S, -11.57W,	162
33-03	1555+04.0	7.5' RT	-3.93	1													-12.1W, -12.15E,	
33-04	1555+04.0	51.9' LT	-3.79							1								
33-05	1554+75.0	62.4' LT	-5.13									1					-11.55W, -11.65N,	
33-06	1554+75.0	57.7' LT	-4.00														-11.47W, -11.57S,	
33-07	1555+41.0	61.8' LT	-5.10									1						
33-08	1555+41.0	57.1' LT	-3.95															
33-09	1555+04.0	61.8' LT	-5.16											1				
33-10	1555+04.0	57.2' LT	-4.00														-11.9S, -11.9N, -12E, -8.39W,	162
33-11	1556+60.0	7.5' RT	-3.18		1												-12.89N, -12.99SE, -11.24W, -8.94E,	
33-12	1556+60.0	51.5' LT	-3.02								1						-10.84W, -10.94E, -11.14E, -11.04W,	
33-13	1556+60.0	62.8' LT	-4.28														-6.78W,	162
33-14	1556+60.0	56.8' LT	-3.23														-12.58N, -12.68S, -10.93W, -7.33E,	
33-15	1558+05.0	7.5' RT	-1.59		1												-10.73W, -10.83E,	
33-16	1558+05.0	51.5' LT	-1.43								1							
33-17	1558+05.0	61.5' LT	-2.63									1					-12.29W, -13.32N, -11.67E, -13.42S,	
33-18	1558+05.0	56.8' LT	-1.64														-13.15NW, -13.25S, -9.2SE,	
33-19	1555+04.0	1.5' RT	-3.69								1							
33-20	1555+58.7	1.5' RT	-3.59								1							

REVISIONS		DATE
NAME		
ADDENDUM 1		8/12/05

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

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

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
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8/11/2005 1:59:43 PM
 A:\62302\DRAINAGE\DWG\SHEET\DS-20.DWG

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	141
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62302		• (1818, ETC, 2324.6-IP)R-9		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA T1F OL	CB TA 4 DIA T2OF&G	CB TA 5 DIA T1F OL	CB TA 5 DIA T2OF&G	CB TC 2 DIA T2OF&G	MAN TA 4 DIA T1F CL	MAN TA 5 DIA T1F CL	MAN TA 6 DIA T1F CL	DR STR T1 W/2 T2OF&G	DR STR T2 W/2 T2F&G	IN TB T1F OL	IN TB T2OF&G	CB TA 4 DIA T8G	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)	
34-01	1560+05.0	7.5' RT	-0.17		1													-5.29W,	162
34-02	1560+05.0	51.5' LT	-0.01						△	①								-12.29S, -11.04W, -5.84E, -12.19N,	
34-03	1560+05.0	61.5' LT	-0.82															-10.84W,	
34-04	1560+05.0	56.8' LT	-0.22															-10.94E,	
34-05	1562+90.0	7.5' RT	-0.23		1												△	-5.4W,	162
34-06	1562+90.0	51.5' LT	-0.07							1								-11.5N, -5.95E, -10.85W, -11.6S,	
34-07	1562+90.0	61.5' LT	-0.95															-10.65NW, -10.65W,	
34-08	1562+90.0	56.8' LT	-0.28															-10.75E,	
34-10	1564+95.0	51.5' LT	-1.63					△	①									-10.98S, -10.48W,	
34-11	1564+95.0	61.5' LT	-2.98															-10.28W,	
34-12	1564+95.0	56.8' LT	-1.84															-10.38E,	
35-01	1566+75.0	7.5' RT	-3.61		1													-9.25W,	162
35-02	1566+75.0	51.5' LT	-3.45						1									-11.03N, -10.78W,	
35-03	1566+75.0	62.3' LT	-4.86		1												△	-10.38NW, -10.48E,	
35-04	1566+75.0	56.8' LT	-3.66		1													-10.68E, -10.58W,	
35-05	1567+50.0	7.5' RT	-3.88		1													-9.51N,	162
35-06	1567+80.0	7.5' RT	-3.88		1													-9.51S,	162
35-07	1567+65.6	7.4' RT	-3.88	1														-9.71W, -9.61S, -9.61N, -9.61E,	162
35-08	1567+65.8	51.5' LT	-3.73							1								-12.82N, -11.32S, -12.32W,	
35-09	1567+50.0	61.5' LT	-5.16															-11.92NW,	
35-10	1567+50.0	56.8' LT	-3.93															-12.02N,	
35-11	1567+80.0	61.5' LT	-5.15															-12.02S,	
35-12	1567+80.0	56.8' LT	-3.93															-12.22E, -12.12S, -12.12N,	
35-13	1567+65.6	61.5' LT	-5.16										1					-11.99W,	
35-14	1567+65.6	56.8' LT	-3.94															-12.09E,	
35-15	1568+30.0	61.5' LT	-5.00															-13.14N, -14.19E, -12.94S, -12.19W,	
35-16	1568+30.0	56.8' LT	-3.80															-14.75E, -14.25W, -10.9S,	162
35-17	1568+30.0	51.5' LT	-3.59							1								-9.42W, -9.32E,	162
35-18	1568+30.0	7.5' RT	-3.75							1								-9.17N, -12.82S, -11.57W, -9.97E,	
35-19	1570+15.0	7.5' RT	-1.81		1													-11.37NW,	
35-20	1570+15.0	51.5' LT	-1.65															-11.47E,	
35-21	1570+15.0	61.5' LT	-2.96															-10.81N, -10.71S, -9.81E,	
35-22	1570+15.0	56.8' LT	-1.86															-10.55N, -9.3NE,	
35-23	1567+65.6	1.5' RT	-3.65							1								-3.98W,	162
35-24	1566+62.0	3.5' RT	-3.37							1								-7.02N, -8.63S, -8.13W, -4.53E,	
36-01	1572+30.0	7.5' RT	1.14		1				1									-7.93W,	
36-02	1572+30.0	51.5' LT	1.30															-8.03E,	
36-03	1572+30.0	61.5' LT	0.21															-6.46S, -5.96W,	
36-04	1572+30.0	56.8' LT	1.09							1								-3.15W, -3.05N,	162
36-05	1573+57.0	51.5' LT	2.10															-6.75N, -3.7E, -6W,	
36-06	1574+77.0	7.5' RT	2.00		1													-5.8W,	
36-07	1574+77.0	51.5' LT	2.16							1								-5.9E,	
36-08	1574+77.0	61.5' LT	1.22															-5.27W,	
36-09	1574+77.0	56.8' LT	1.95																
36-10	1577+31.0	7.5' RT	-0.14		1														162

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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

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

DS-21
 8/11/2005

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA T1F OL	CB TA 4 DIA T2OF&G	CB TA 5 DIA T1F OL	CB TA 5 DIA T2OF&G	CB TC 2 DIA T2OF&G	MAN TA 4 DIA T1F CL	MAN TA 5 DIA T1F CL	MAN TA 6 DIA T1F CL	DR STR T1 W/2 T2OF&G	DR STR T2 W/2 T2F&G	IN TB T1F OL	IN TB T2OF&G	CB TA 4 DIA T8G	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
36-11	1577+31.0	56.8' LT	-0.20							1							-12.62N, -7.97S, -5.82E, -11.12W,	
36-12	1577+31.0	61.5' LT	-0.84									1					-10.92W,	
36-13	1577+31.0	56.8' LT	-0.20														-11.02E,	
36-14	1575+92.0	51.5' LT	1.57						1								-6.61W, -7.36N, -7.26S,	
37-01	1579+71.0	61.5' LT	-5.02									1					-14.09SW,	
37-02	1579+71.0	56.8' LT	-4.42														-14.19E,	
37-03	1579+71.0	51.5' LT	-4.21							1							-15.54N, -13.03S, -14.29W, -16.29E,	
37-04	1579+71.0	7.5' RT	-4.36							1							-16.35W, -16.45E, -14.45S,	162
37-05	1581+15.0	7.5' RT	-5.62		1												-10.79W,	162
37-06	1581+15.0	51.5' LT	-5.46							1							-14.79N, -15.29S, -14.04W, -11.34E,	
37-07	1581+15.0	61.5' LT	-6.21									1					-13.84NW,	
37-08	1581+15.0	56.8' LT	-5.67														-13.94E,	
37-09	1581+50.0	7.5' RT	-5.69		1												-13.97N, -14.07W,	162
37-10	1581+80.0	7.5' RT	-5.69		1												-13.67S, -13.57NE,	162
37-11	1581+64.0	7.5' RT	-5.70	1													-13.77N, -13.87S, -13.64W,	162
37-12	1581+50.0	51.5' LT	-5.54							1							-12.24N, -14.72S, -14.62E, -14.22W,	
37-13	1581+50.0	61.5' LT	-6.28									1					-14.02N, -14.12E,	
37-14	1581+50.0	56.8' LT	-5.75														-13.6W,	
37-15	1581+80.0	61.5' LT	-6.27									1					-13.7S,	
37-16	1581+80.0	56.8' LT	-5.74											1			-14.09E, -13.92S, -13.82N,	
37-17	1581+63.9	61.5' LT	-6.28														-10.11W,	162
37-18	1581+63.9	56.8' LT	-5.75														-10.66E, -11.56S, -11.46W,	
37-19	1583+05.0	7.5' RT	-4.99		1				1								-11.06SW, -11.16E,	
37-20	1583+05.0	51.5' LT	-4.83														-11.36E, -11.26W,	
37-21	1583+05.0	63.0' LT	-5.48		1												-9.98S,	
37-22	1583+05.0	56.8' LT	-5.04		1												-10.08E,	
38-01	1584+09.0	61.5' LT	-4.09									1					-12.61N, -10.18W, -13.18E,	
38-02	1584+09.0	56.8' LT	-3.60														-14.45E, -13.25W, -14.35N, -14.35S,	162
38-03	1584+09.0	51.5' LT	-3.39														-9.28S, -9.38W,	162
38-05	1584+09.0	7.5' RT	-3.55														-8.13N, -12.43S, -9.93E, -9.93W,	
38-06	1585+93.0	7.5' RT	0.31		1												-9.73W, -9.73SW,	
38-07	1585+93.0	51.5' LT	0.47							1							-9.83E,	
38-08	1585+93.0	61.5' LT	-0.12									1					-3.76S, -3.86W,	162
38-09	1585+93.0	56.8' LT	0.26														-4.31N, -7.91S, -4.41E, -5.91W,	
38-10	1587+94.0	7.5' RT	4.53		1												-5.71W, -5.71SW,	
38-11	1587+94.0	51.5' LT	4.69							1							-5.81E,	
38-12	1587+94.0	61.5' LT	4.15									1					0.8S, 0.7W,	162
38-13	1587+94.0	56.8' LT	4.48														-1.95N, -4.05S, -2.05W, 0.15E,	
38-14	1589+92.0	7.5' RT	7.86		1												-1.85W, -1.85SW,	
38-15	1589+92.0	51.5' LT	8.02									1					-1.95E,	
38-16	1589+92.0	61.5' LT	7.43														0.98S, 0.98E, 0.88W,	162
38-17	1589+92.0	56.8' LT	7.81														0.78N, -1.67S, -0.17W, 0.33E,	
39-01	1591+58.0	7.5' RT	9.92		1												0.03N, 0.03W, 0.03S,	
39-02	1591+58.0	51.5' LT	10.08							1								
39-03	1591+58.0	61.5' LT	9.45									1						

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) 31ST STREET TO 71ST STREET SB EXPRESS LANE RECONSTRUCTION DRAINAGE SCHEDULES PROPOSED STRUCTURES
NAME	DATE	
ADDENDUM 1	8/12/05	SCALE: 1"=N.T.S. DATE: 07/07/05 DRAWN BY: OC CHECKED BY: DDM

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
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 312.228.0100
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	143
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62302		* (1818, ETC, 2324.6-1P1R-9		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA T1F OL	CB TA 4 DIA T2OF&G	CB TA 5 DIA T1F OL	CB TA 5 DIA T2OF&G	CB TC 2 DIA T2OF&G	MAN TA 4 DIA T1F CL	MAN TA 5 DIA T1F CL	MAN TA 6 DIA T1F CL	DR STR T1 W/2 T2OF&G	DR STR T2 W/2 T22F&G	IN TB T1F OL	IN TB T2OF&G	CB TA 4 DIA T8G	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
39-04	1591+58.0	56.8' LT	9.87														-0.07E,	
39-05	1593+00.0	7.5' RT	11.15		1												5.94W,	162
39-06	1593+00.0	51.5' LT	11.31						1								1.24N, 1.14S, 1.89W, 5.39E,	
39-07	1593+00.0	61.5' LT	10.65									1						
39-08	1593+00.0	56.8' LT	11.10														1.99E,	
39-09	1594+18.0	7.5' RT	11.80		1												2.91W, 3.22S,	162
39-10	1594+18.0	51.5' LT	11.96						1								1.61S, 2.36E, 2.36W,	
39-11	1594+18.0	61.5' LT	11.27									1					2.56W, 2.56SW,	
39-12	1594+18.0	56.8' LT	11.75														2.46E,	
40-01	1597+49.0	7.5' RT	11.82		1												4.43NE, 4.33W,	162
40-02	1597+49.0	51.5' LT	11.98						1								3.28N, 3.78E, 3.78W,	
40-03	1597+49.0	61.5' LT	11.20									1					3.98N, 3.98W,	
40-04	1597+49.0	56.8' LT	11.77														3.88E,	
40-05	1598+49.0	7.5' RT	11.30		1												6.31W,	162
40-06	1598+49.0	51.5' LT	11.46						1								2.86N, 2.96S, 3.36W, 5.76E,	
40-07	1598+49.0	61.5' LT	10.66									1					3.56N, 3.56W,	
40-08	1598+49.0	56.8' LT	11.25														3.46E,	
40-09	1599+99.0	7.5' RT	10.07		1												5.14N, 5.04W,	162
40-10	1599+99.0	51.5' LT	10.23								1						0.29N, 2.49S, 1.79W, 4.49E,	
40-11	1599+99.0	61.5' LT	9.39									1					1.99W, 1.99N,	
40-12	1599+99.0	56.8' LT	10.02														1.89E,	
40-13	1601+78.0	7.5' RT	7.89		1												-1.06N, -1.16W,	162
40-14	1601+78.0	51.5' LT	8.05								1						-3.71N, -0.01S, -1.71W, -1.71E,	
40-15	1601+78.0	61.5' LT	7.16									1					-1.51SW, -1.51NW, -1.51N,	
40-16	1601+78.0	56.8' LT	7.84														-1.61E,	
41-01	1603+79.0	7.5' RT	4.51		1												-0.46N, -0.56W,	162
41-02	1603+79.0	51.5' LT	4.67								1						-8.91N, -4.01S, 6.41W, -1.11E,	
41-03	1603+79.0	61.5' LT	3.73									1					-6.21W, -6.21N,	
41-04	1603+79.0	56.8' LT	4.46														-6.31E,	
41-05	1605+79.0	7.5' RT	0.65		1												-4.51N, -4.61W,	162
41-06	1605+79.0	51.5' LT	0.81								1						-12.43N, -9.13S, -10.16W, -5.16E,	
41-07	1605+79.0	61.5' LT	-0.07									1					-9.96W, -9.96N,	
41-08	1605+79.0	56.8' LT	0.60														-10.06E,	
41-09	1607+10.0	61.5' LT	-1.52									1					-9.96W, -9.96N,	
41-10	1607+10.0	56.8' LT	-0.95														-10.06E,	
41-11	1607+43.0	51.5' LT	-0.95								1						-11.29N, -12.69S, -13.19E,	
41-12	1607+43.0	7.5' RT	-1.10								1						-13.25W, -14.95E, -10.25S,	162
41-13	1607+79.0	51.5' LT	-1.08								1						-11.26S, -11.26N,	
41-14	1607+95.0	7.5' RT	-1.26		1												-9.21E, -9.31N,	162
41-15	1607+95.0	56.8' LT	-1.32		1												-9.38N, -9.28NW, -9.28W,	
41-16	1607+10.0	51.5' LT	-0.74								1						-10.16W, -12.56S, -12.66N,	
41-17	1607+10.0	7.5' RT	-0.90		1												-9.97N, -10.25NE,	162
42-01	1608+30.0	7.8' RT	-1.28		1												-9.35W,	162
42-02	1608+13.0	7.5' RT	-1.28		1												-9.55NW, -9.45E, -9.45S,	162
42-03	1608+13.0	51.5' LT	-1.12								1						-11.22S, -10.97E, -9.72W,	

DS-23

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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

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B/11/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	144
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	181B, ETC, 2324.6-1PR-9			

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA TIF OL	CB TA 4 DIA T2OF&G	CB TA 5 DIA TIF OL	CB TA 5 DIA T2OF&G	CB TC 2 DIA T2OF&G	MAN TA 4 DIA TIF CL	MAN TA 5 DIA TIF CL	MAN TA 6 DIA TIF CL	DR STR T1 W/2 T2OF&G	DR STR T2 W/2 T22F&G	IN TB TIF OL	IN TB T2OF&G	CB TA 4 DIA T8C	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
42-04	1608+30.0	56.8' LT	-1.32		1												-9.39S,	
42-05	1608+13.0	56.8' LT	-1.33										1				-9.52N, -9.62E, -9.52S,	
42-06	1608+13.0	61.5' LT	-1.99														-9.52SW,	
42-07	1609+60.0	7.6' RT	-0.53		1												-5.63W, -5.53SE,	162
42-08	1609+60.0	51.5' LT	-0.37							1							-10.03N, -10.43S, -9.18W, -6.18E,	
42-09	1609+60.0	63.0' LT	-1.58		1												-8.78SW, -8.78W, -8.88E,	
42-10	1609+60.0	56.8' LT	-0.58		1												-9.08E,	
42-11	1611+43.0	4.2' RT	1.29		1												-7.86N, -7.96W,	162
42-12	1611+43.0	51.5' LT	1.31							1							-6.07N, -9.72S, -9.62W, -8.47E,	
42-13	1611+43.0	61.5' LT	0.01									1					-9.42SW, -9.42NW, -9.42N,	
42-14	1611+43.0	56.8' LT	1.10														-9.52E,	
42-15	1613+70.0	3.3' RT	3.08		1												-2.13W,	162
42-16	1613+70.0	51.5' LT	3.07						1								-5.34S, -2.64E, -4.84W,	
42-17	1613+70.0	61.5' LT	1.98									1					-4.64W,	
42-18	1613+70.0	56.8' LT	2.86														-4.74E,	
42-19	1608+21.4	3.5' RT	-1.11							1							-9.4NE, -9.65S, -10.65N, -10.9W,	
43-01	1617+15.0	4.8' RT	2.70		1												-2.41W,	162
43-02	1617+15.0	51.5' LT	2.75							1							-8.38N, -7.63W, -2.93E,	
43-03	1617+15.0	61.5' LT	1.51									1					-7.43W,	
43-04	1617+15.0	56.8' LT	2.54														-7.53E,	
43-05	1619+44.0	6.1' RT	0.52		1												-4.37S, -4.57W,	162
43-06	1619+44.0	51.5' LT	0.62							1							-9.35N, -8.85S, -8.1W, -5.1E,	
43-07	1619+44.0	61.5' LT	-0.95									1					-7.95W, -7.9W,	
43-08	1619+44.0	56.8' LT	0.41														-8E,	
44-01	1620+61.0	61.5' LT	-2.24									1						
44-02	1620+61.0	56.8' LT	-0.78														-12.38E,	
44-03	1620+61.0	51.5' LT	-0.57							1							-9.53S, -12.48N, -12.48W, -12.58E,	
44-04	1620+61.0	6.8' RT	-0.70														-13.85N, -15.95E, -12.65W,	162
44-05	1621+98.4	7.6' RT	-1.99		1												-11.63SW,	162
44-06	1621+60.0	51.5' LT	-1.56						1								-12.06S, -11.81W,	
44-07	1621+60.0	61.5' LT	-3.31									1					-11.61SW,	
44-08	1621+60.0	56.8' LT	-1.77														-11.71E,	
44-09	1622+75.0	7.3' RT	-2.25		1												-7.5N,	162
44-10	1623+05.0	6.7' RT	-2.23		1												-7.53S,	162
44-11	1622+92.3	6.8' RT	-2.24	1													-7.63N, -7.63S, -7.73W, -7.63E,	162
44-12	1622+92.3	51.5' LT	-2.11							1							-12.76N, -13.51S, -11.76W, -8.26E,	
44-13	1622+75.0	63.4' LT	-3.77		1												-11.23E,	
44-14	1622+75.0	56.8' LT	-2.31		1												-11.43N, -11.33W,	
44-15	1623+05.0	62.9' LT	-3.78		1												-11.26E,	
44-16	1623+05.0	62.9' LT	-3.78		1												-11.46S, -11.36W,	
44-17	1622+92.3	63.4' LT	-3.77	1													-11.36SW, -11.36NW, -11.46E,	
44-18	1622+92.3	56.8' LT	-2.32	1													-11.56N, -11.56S, -11.66E, -11.56W,	
44-19	1624+05.0	6.2' RT	-1.81		1												-6.91N, -7.01W, -6.91NE,	162
44-20	1624+05.0	51.5' LT	-1.71							1							-12.34N, -12.59S, -11.34W, -7.54E,	
44-21	1624+20.0	61.5' LT	-3.16									1					-10.94W,	

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

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

DS-24
14/228 FM
8/11/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	145
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		(1818, ETC, 2324.6-IPR-9		

SCHEDULE OF DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	CB TA 4 DIA T1F OL	CB TA 4 DIA T2OF&G	CB TA 5 DIA T1F OL	CB TA 5 DIA T2OF&G	CB TC 2 DIA T2OF&G	MAN TA 4 DIA T1F CL	MAN TA 5 DIA T1F CL	MAN TA 6 DIA T1F CL	DR STR T1 W/2 T2OF&G	DR STR T2 W/2 T22F&G	IN TB T1F OL	IN TB T2OF&G	CB TA 4 DIA T8G	INVERT ELEVATIONS	TEMP. SOIL RET. SYSTEM (SQ FT)
44-22	1624+20.0	56.8' LT	-1.80														-11.04S,	
44-23	1624+05.0	61.5' LT	-3.31		1												-11.14NW,	
44-24	1624+05.0	56.8' LT	-1.92		1												-11.14N, -11.24E,	
44-25	1621+88.4	3.5' RT	-1.77							1							-13.63NW, -13.73S, -11.73NE,	
44-26	1624+80.0	6.5' RT	-0.88		1												△ -6.1N, -6.2S,	
45-01	1626+45.0	7.5' RT	0.20		1												-4.88S, -4.98W,	162
45-02	1626+45.0	51.5' LT	0.35							1							-11.93S, -5.53E, -10.93W,	
45-03	1626+25.0	61.5' LT	-0.97						1								-10.47SW, -10.57N,	
45-04	1626+58.0	61.5' LT	-0.62						1								-10.53NW, -10.63S,	
45-05	1626+45.0	61.5' LT	-0.75									1					-10.73N, -10.73S, -10.73W,	
45-06	1626+45.0	56.8' LT	0.14														-10.83E,	
45-07	1630+88.0	7.5' RT	0.18		1												△ -5.02W, -4.92N,	162
45-08	1630+88.0	51.5' LT	0.33						1								-7.72N, -5.12W,	
45-09	1631+28.0	7.5' RT	1.18		1												-4.56S, -4.46NE,	162
45-10	1630+88.0	56.8' LT	0.12		1												-5.02E, -4.92W,	
46-01	1632+42.0	7.5' RT	-1.35		1												-6.39SE, -6.49W, -6.39N,	162
46-02	1632+42.0	51.5' LT	-1.19							1							-8.22S, -9.39N, -6.64W, -7.04E,	
46-03	1633+10.0	7.5' RT	-0.35		1												-5.65NE, -5.75S,	162
46-04	1632+42.0	56.8' LT	-1.40		1												-6.54E, -6.44W,	
46-05	1633+90.0	7.5' RT	-2.81		1												-7.98W, -7.88SE,	162
46-06	1633+90.0	51.5' LT	-2.65							1							-9.73S, -10.73N, -8.13W, -8.53E,	
46-08	1633+90.0	56.8' LT	-2.86		1												-8.03E, -7.93W,	
46-09	1635+05.0	7.5' RT	-3.93		1												-9.07W,	162
46-10	1635+05.0	51.5' LT	-3.77							1							-10.98S, -11.57N, -9.27W, -9.62E,	
46-12	1635+05.0	56.8' LT	-3.98		1												-9.17E,	
46-13	1636+30.0	10.4' RT	-4.50		1												-9.74N,	162
46-14	1636+45.0	10.9' RT	-4.50		1												-9.85SE, -9.95W, -9.85S,	162
46-15	1636+45.0	51.5' LT	-4.21							1							-11.83S, -13.53N, -13.28W, -10.53E,	
46-17	1636+30.0	56.8' LT	-4.44		1												-12.98N,	
46-19	1636+45.0	56.8' LT	-4.42		1												-13.18E, -13.08S, -13.08W,	
46-21	1637+42.0	56.8' LT	-3.89		1												-14.76E, -14.66W,	
46-22	1637+42.0	51.5' LT	-3.68								1						-12.01N, -13.65S, -14.86W, -14.96E,	
46-23	1637+48.6	11.3' RT	-3.99								1						-15.07W, -16.71E,	162
47-01	1638+85.0	11.2' RT	-2.05		1												-7.22W,	162
47-02	1638+85.0	51.5' LT	-1.74							1							-9.58N, -11.5S, -7.5W, -7.8E,	
47-04	1638+85.0	56.8' LT	-1.95		1												-7.4E, -7.3W,	
47-05	1641+05.0	11.2' RT	2.01	1													-3.13W,	162
47-06	1641+05.0	51.5' LT	2.31							1							-5.5N, -8.91S, -5.41W, -3.71E,	
47-08	1641+05.0	56.8' LT	2.10		1												-5.31E, -5.21W,	
47-09	1643+13.0	7.0' RT	5.99	1													0.82W,	162
47-10	1643+13.0	54.3' LT	6.13							1							-5.05S, -2.11N, -0.35W, 0.25E,	
47-12	1643+13.0	59.6' LT	5.92	△	1				△			△					-0.25E, -0.15W,	
TOTALS				23	268	1	2	6	46	152	6	52	4	1	35	2		29175

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DS-25

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

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

8/11/2005 1:45:46 PM

SCHEDULE OF STORM SEWERS

F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	598	146
STA.		TO STA.	
62302		(1818, ETC, 2324.6-1PIR-9)	

FROM STRUCTURE	TO STRUCTURE	SLOPE %	SS CL A T1 12	SS CL A T1 15	SS CL A T1 18	SS CL A T1 21	SS CL A T1 27	SS CLA T2 12	SS CLA T2 15	SS CLA T2 18	SS CLA T2 21	SS CLA T2 24	SS CLA T2 27	SS CLA T2 30	SS CLA T2 33	SS CLA T2 36	SS CL A T2 42	SS CLA T2 48	SS CLA T3 21	SS CLA T3 24	SS CLA T3 27	SS CLA T3 30	SS CLA T3 36	TRENCH BACKFILL
1-01	1-02	0.45	104																					20.2
1-02	EXIST.	0.50						61																17.0
1-03	1-02	0.50	82																					12.5
1-04	EXIST.	1.00						61																17.0
1-05	1-04	1.00	80																					15.5
1-06	EXIST.	0.50							62															18.9
2-01	1-06	1.00	77																					18.2
2-02	2-11	1.00	71																					13.8
2-03	2-11	0.17										36												12.7
2-04	2-03	0.17										111												32.6
2-05	2-04	0.21				24																		5.3
2-06	2-05	0.32		11																				2.1
2-07	2-06	0.50	11																					2.1
2-08	2-09	0.50	11																					1.9
2-10	2-09	0.50	11																					1.9
2-09	2-06	0.32		63																				9.0
2-11	EXIST.	0.17									65													47.0
3-01	3-01*	0.57	36																					7.0
EXIST.	3-01*	0.22												57										80.0
3-03	3-01*	1.00		9																				1.7
3-04	3-03	1.00		146																				27.7
3-06	3-04	1.00		146																				31.1
3-07	3-06	1.00	189																					44.6
4-01	EXIST.	0.50						48																15.8
4-02	4-01	1.00	121																					20.9
4-03	4-04	0.50							47															14.1
4-04	5-05*	1.00							66															48.1
EXIST.	5-05*	0.15														62								118.0
5-02	5-05*	1.00	26																					12.3
5-03	5-04	0.50	11																					1.7
5-04	5-15	3.00		44																				8.6
5-05	5-04	0.50	11																					9.0
5-07	5-06	0.50	11																					1.7
5-14	5-06	0.50	11																					1.7
5-06	5-08	3.00		6																				0.0
5-08	5-09	0.22									140													0.0
5-09	5-13	0.13												166										0.0
5-10	5-09	0.92	11																					0.0
5-11	5-10	4.77	52																					7.9
5-12	5-13	1.68	6																					0.0
5-16	5-09	0.50	3																					0.0
5-13	6-01	0.16																						0.0
6-01	6-08*	0.20																				58		116.1
6-03	6-01	4.12	10																					0.0
EXIST.	6-01	0.50	34																					0.0
6-04	6-01	1.20	2																					0.0
6-05	6-08*	1.22	9																					1.0
6-06	6-01	0.53								141														0.0
6-07	6-06	2.51	4																					0.0
EXIST.	6-06	5.00	45																					0.0
7-01	7-02	4.47	43																					6.5
7-02	7-05	0.40				178																		163.4
7-03	7-02	1.44	7																					1.2
7-04	7-11	2.00	18																					0.0
7-05	7-08	0.30																						244.6
7-06	7-05	2.91	45																					6.8
7-07	7-08	2.50	4																					0.8
7-08	7-11*	0.15																						64.3
7-10	7-11*	0.50	9																					1.9
7-11	7-05	1.00		5																				1.0
8-02	7-08	0.14																						201.9
8-01	8-02	0.50						45																11.6
8-03	8-02	1.00	2																					0.5
8-04	8-02	0.15																						77.2
8-05	8-04	0.50																						19.5
EXIST.	8-04	1.00																						1.9
EXIST.	8-04	1.00	44																					6.8
8-06	8-08	0.58	74																					11.3
EXIST.	8-08	2.20		8																				1.5
8-08	8-19*	0.15																						36.3
8-10	8-11	0.50	11																					1.7
8-11	8-13	4.00		2																				0.6
8-12	8-11	0.50	11																					1.7
8-13	8-08	0.37																						54.7
8-15	8-14	0.50	11																					1.7

NOTE: * INDICATED STRUCTURE HAS BEEN CONSTRUCTED IN CONTRACT 62300



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NAME	DATE
ADDENDUM 1	8/12/05

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

DRAINAGE SCHEDULE
PROPOSED STORM SEWER PIPES

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

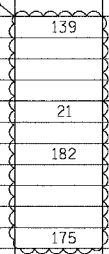
DS-26

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SCHEDULE OF STORM SEWERS

F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	598	147
STA.	TO STA.		
FED. ROAD DIST. NO. 62302	ILLINOIS FED. AID PROJECT		

FROM STRUCTURE	TO STRUCTURE	SLOPE %	SS CL A T1 12	SS CL A T1 15	SS CL A T1 18	SS CL A T1 21	SS CL A T1 27	SS CL A T2 12	SS CL A T2 15	SS CL A T2 18	SS CL A T2 21	SS CL A T2 24	SS CL A T2 27	SS CL A T2 30	SS CL A T2 33	SS CL A T2 36	SS CL A T2 42	SS CL A T2 48	SS CL A T3 21	SS CL A T3 24	SS CL A T3 27	SS CL A T3 30	SS CL A T3 36	TRENCH BACKFILL
8-16	8-15	0.50	11																					1.7
8-14	8-19*	0.50		41																				9.7
8-18	8-19	1.26		2																				0.5
EXIST.	8-18	0.50		8																				1.5
8-07	8-19	0.35									56													40.5
8-19	8-13	0.35									80													67.2
8-20	8-07	0.50	43																					8.3
9-01	9-02	1.12	9																					1.6
9-02	9-04	0.45							145															127.9
9-03	9-04	0.50						43																12.9
9-04	9-06	0.36								186														235.5
9-05	9-06	2.50	4																					0.7
9-06	9-11*	0.15														40								64.3
9-08	9-11*	0.65	26																					4.5
9-09	9-06	0.25												208										295.2
9-10	9-09	1.68	6																					1.0
9-11	9-09	0.61						44																13.2
9-12	EXIST.	1.00	7																					0.5
9-13	EXIST.	1.00	8																					0.5
9-14	EXIST.	1.00	6																					0.5
9-15	EXIST.	1.00	9																					0.5
10-01	9-09	0.32									180													248.4
10-02	10-01	1.44	3																					0.5
10-03	10-01	0.50						45																13.5
10-04	10-05	3.30	3																					0.5
10-05	10-01	0.32									114													209.1
10-06	10-05	0.50						44																13.2
10-07	10-06*	0.15														41								76.0
10-08	10-07	2.00	2																					0.5
10-10	10-06*	2.00	2																					0.5
10-11	10-07	0.18												97										169.1
10-12	10-11	0.18											84											138.9
10-13	10-12	2.00	2																					0.5
10-14	10-12	0.65	45																					8.7
10-15	EXIST.	0.50	217																					21.8
10-16	10-15	0.43	7																					0.9
10-17	10-16	0.56	106																					15.1
11-01	11-02	0.50	46																					8.9
11-02	10-12	0.32									187													251.0
11-03	11-02	0.34		30																				5.7
11-04	11-06	0.50		64																				12.8
11-05	11-01*	0.50	73																					12.6
11-06	11-01*	0.23																						72.2
11-08	11-06	0.20														139								241.3
11-09	11-08	0.50	44																					8.5
EXIST.	11-06	0.50	5																					6.2
12-01	11-08	1.12	3																					0.7
12-02	11-08	0.20																						33.1
12-03	12-04	0.50	44																					8.5
12-04	12-02	0.20																						257.5
12-05	12-04	3.30	3																					0.6
12-06	12-07	0.50	46																					8.9
EXIST.	12-07	1.00	4																					3.8
12-07	12-04	0.20																						191.3
12-08	12-09	3.30	3																					0.6
12-09	12-07	0.25														60								46.0
12-10	12-09	0.25														89								58.8
12-11	12-10	0.50	44																					8.5
EXIST.	12-10	1.00	5																					1.0
12-12	13-05	0.50	11																					1.7
12-13	13-01	0.50	11																					1.7
13-01	13-03	1.00		2																				0.5
13-02	13-01	0.32		15																				2.1
13-03	12-10	0.25														57								28.6
13-05	13-04	0.54																						0.5
13-06	13-05	0.50	11																					1.7
13-07	13-08	0.50	44																					8.5
13-08	13-03	0.25																						17.5
13-09	13-10	3.30	3													83								0.5
13-10	13-08	0.35																						8.0
13-11	13-10	0.50																						26.5
13-12	13-11	0.50	44																					13.5
13-13	13-16	3.60	2																					0.5
13-14	13-16	0.63								86														33.0
13-15	13-14	0.62	49																					11.6



NOTE: * INDICATED STRUCTURE HAS BEEN CONSTRUCTED IN CONTRACT 62300

Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
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 WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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

DS-27
 03/05/00 PM
 08/17/2005

SCHEDULE OF STORM SEWERS

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 148
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

FROM STRUCTURE	TO STRUCTURE	SLOPE %	SS CL A T1 12	SS CL A T1 15	SS CL A T1 18	SS CL A T1 21	SS CL A T1 27	SS CLA T2 12	SS CLA T2 15	SS CLA T2 18	SS CLA T2 21	SS CLA T2 24	SS CLA T2 27	SS CLA T2 30	SS CLA T2 33	SS CLA T2 36	SS CL A T2 42	SS CLA T2 48	SS CLA T3 21	SS CLA T3 24	SS CLA T3 27	SS CLA T3 30	SS CLA T3 36	TRENCH BACKFILL
13-16	13-11	0.63								119														42.6
14-01	14-08*	0.16														40								55.3
14-03	14-01	1.12	2																					0.5
14-04	14-08*	0.52	16																					2.8
14-05	14-06	1.00		7																				2.2
14-06	14-01	0.22												212										174.7
14-07	14-06	0.50	45																					9.7
14-08	14-06	0.70	43																					8.3
15-01	15-08	0.50	11																					1.7
15-02	15-03	0.50	10																					1.5
15-03	15-13	0.58						78																66.1
15-05	15-06	0.50	11																					1.9
15-06	15-03	1.00						6																4.2
15-07	15-06	0.50	11																					1.9
15-08	15-06	0.60	33																					7.1
15-09	15-08	0.50	11																					1.9
15-10	15-11	0.50	11																					1.9
15-11	15-13	0.50		8																				1.3
EXIST.	15-13	1.00	41																					35.7
15-12	15-11	0.50						11																3.1
15-13	15-06*	0.30														39								38.1
15-14	15-03	0.50	45																					35.7
15-15	15-16	0.50	11																					2.6
15-16	15-06*	1.11																						1.9
15-17	15-06*	0.50						9	2															0.5
15-19	15-21	0.50						45																12.5
15-20	15-27	0.43		38																				9.0
15-21	15-13	0.30											86											58.7
15-22	15-23	1.68	6																					1.3
15-23	15-21	0.22										134												102.2
15-24	15-29	0.80						4																1.0
15-25	15-29	0.50	45																					6.8
15-26	15-24	0.30		30																				6.4
15-27	15-28	0.50							24															8.5
15-28	15-21	0.80		4																				2.7
15-29	15-23	0.30												55										48.7
16-01	16-05	0.24											203											146.8
EXIST.	16-01	0.64									11													3.9
16-03	16-04	0.58	46																					8.9
16-04	16-01	0.50	17																					4.0
16-05	17-04	0.27	△											53										26.4
16-06	16-05	1.00						3																1.1
16-07	16-05	0.50	62																					13.3
17-01	17-02	0.50	11																					1.9
17-03	17-02	0.40	11																					1.9
17-02	17-04	0.30			2																			0.5
17-04	17-18	0.15																	50					31.0
17-06	17-07	0.50	11																					1.9
17-08	17-07	0.50	11																					1.9
17-07	17-18	1.00		3																				0.6
17-18	17-04*	0.15																	17					4.8
17-09	17-04*	0.58	53																					9.2
17-10	17-03	0.39		43																				8.2
17-11	17-13	0.50																						3.1
17-12	17-13	0.50	59						12															10.2
17-13	17-15	0.31											169											148.6
17-14	17-15	2.50	4																					0.7
17-15	17-18*	0.20														54								61.9
17-17	17-18*	1.68	6																					1.6
17-19	17-11	0.50	50																					2.9
18-01	18-07	0.43		2																				0.5
18-02	18-07	0.50	58																					10.0
18-03	18-05	0.81														162								154.9
18-04	18-05	2.50	4																					0.8
18-05	19-03	0.64																						183.3
18-06	18-05	0.53	57																					9.9
18-07	18-03	0.81											23											20.7
19-01	19-04	0.65								16														3.1
19-02	19-03	0.68	6																					1.2
19-03	19-04	0.20																						64.5
19-06	19-05	0.50		11																				2.1
19-05	19-04	0.61		46																				10.9
19-07	19-06	0.50	11																					2.1
19-09	19-10	0.91	11																					2.1
19-10	19-12	3.34		3																				0.6

NOTE: * INDICATED STRUCTURE HAS BEEN CONSTRUCTED IN CONTRACT 62300



DS-28

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

SCALE: _____ DRAWN BY: _____
 DATE: 7/1/05 CHECKED BY: _____

03/05/27 PM 08/11/2005 14815/CADD/US/05000326.dgn

SCHEDULE OF STORM SEWERS

FROM STRUCTURE	TO STRUCTURE	SLOPE %	SS CL A T1 12	SS CL A T1 15	SS CL A T1 18	SS CL A T1 21	SS CL A T1 27	SS CL A T2 12	SS CL A T2 15	SS CL A T2 18	SS CL A T2 21	SS CL A T2 24	SS CL A T2 27	SS CL A T2 30	SS CL A T2 33	SS CL A T2 36	SS CL A T2 42	SS CL A T2 48	SS CL A T3 21	SS CL A T3 24	SS CL A T3 27	SS CL A T3 30	SS CL A T3 36	TRENCH BACKFILL
19-11	19-10	0.50	11																					2.1
19-12	19-03	0.34								61														18.7
19-13	19-14	0.54	56																					10.9
19-14	19-12	0.57							91															23.6
19-15	19-14	2.00	5																					1.1
19-16	19-23	0.50								38														12.6
19-17	19-16	0.50	54																					9.3
19-18	19-16	0.64	4																					0.7
19-19	19-21	1.68	6																					1.2
19-20	19-22	1.12	9																					1.7
19-23	19-21	0.50								141														111.8
19-21	19-22	0.12																						66.7
20-01	19-21	0.20															85							73.6
20-02	20-01	0.20															90							91.3
20-03	20-02	1.70	6																					1.0
20-04	20-02	0.58	51																					8.8
20-05	20-07	3.30	3																					0.5
20-06	20-07	0.52	55																					9.5
20-07	20-11	0.40													31									39.1
20-11	20-02	0.40													135									150.1
20-08	20-07	0.40													197									281.1
20-09	20-08	2.00	2																					0.5
20-10	20-08	0.50	55																					9.5
21-01	20-08	0.55									210													298.0
21-02	21-01	1.12	3																					0.6
21-03	21-01	0.58	52																					9.0
EXIST.	21-01	0.50	14																					2.7
22-01	22-03	3.30	3																					0.6
22-02	22-03	0.55	56																					9.7
22-03	22-11	0.50																						162.9
22-04	22-05	0.55	55								125													9.5
22-05	22-07	0.35												142										209.2
22-06	22-05	3.30	3																					0.6
22-07	22-08	0.35												46										61.5
22-08	23-02	0.17														174								219.4
22-09	22-08	1.68	3																					0.6
22-10	22-08	0.55	55																					10.7
22-11	22-05	0.36									63													86.9
EXIST.	22-07	1.00						3																2.9
EXIST.	22-11	1.00						3																3.4
23-01	23-02	1.00		3																				0.6
23-02	23-03	0.17															142							129.9
23-03	23-07	0.17														80								57.4
23-04	23-02	0.56	56																					10.9
23-05	23-08	0.61	23																					3.5
23-06	23-07	3.34	3																					0.6
23-07	23-08	0.20																						69.4
23-09	23-07	0.38								173														124.6
23-10	23-09	0.53	55																					9.5
23-11	23-09	0.78	17																					5.1
24-01	24-03	0.55	57																					9.9
24-02	24-03	1.00	3																					0.7
24-03	24-08	0.35								94														24.1
24-04	24-02	0.92	11																					2.1
24-05	24-06	1.57	7																					1.2
24-06	24-08	1.00		3																				0.9
24-07	24-06	0.50	11																					2.1
24-08	24-13	0.33									61													22.8
24-09	24-10	0.50	11																					2.1
24-10	24-11	1.00		11																				2.1
24-11	24-14	1.00		47																				12.2
24-15	24-13	2.00	5																					1.0
24-13	24-14	0.20																						39.0
24-16	24-14	0.64	28																					5.4
24-17	24-19	1.33	3																					0.6
24-18	24-19	0.57	56																					8.5
24-19	24-13	0.21																						174.9
24-20	24-19	0.20														228								70.1
EXIST.	24-20	0.50	5												63									0.8
25-01	24-20	0.20														123								179.3
25-02	25-04	3.00	3																					0.6
25-03	25-04	0.50	60																					10.4
25-04	25-01	0.20														16								25.7
25-05	25-14	1.00								1														0.5
25-06	25-14	0.35																						32.6

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	149
STA.		TO STA.		
62302		ILLINOIS FED. AID PROJECT		
		1818, ETC, 2324.6-IPR-9		

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NOTE: * INDICATED STRUCTURE HAS BEEN CONSTRUCTED IN CONTRACT 62300



REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

DS-29

08/11/2005 03:25:40 PM

SCHEDULE OF STORM SEWERS

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 150
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
62302 • (1818, ETC, 2324.6-IP1R-9				

FROM STRUCTURE	TO STRUCTURE	SLOPE %	SS CL A T1 12	SS CL A T1 15	SS CL A T1 18	SS CL A T1 21	SS CL A T1 27	SS CL A T2 12	SS CL A T2 15	SS CL A T2 18	SS CL A T2 21	SS CL A T2 24	SS CL A T2 27	SS CL A T2 30	SS CL A T2 33	SS CL A T2 36	SS CL A T2 42	SS CL A T2 48	SS CL A T3 21	SS CL A T3 24	SS CL A T3 27	SS CL A T3 30	SS CL A T3 36	TRENCH BACKFILL
25-07	25-06	1.00	40																					7.8
25-08	25-07	1.03	66																					11.4
25-09	25-06	0.58											127											209.7
25-10	25-09	0.40		24																				5.1
25-11	25-09	0.58																		133				229.8
25-12	25-11	0.50	45																					8.7
25-13	25-11	0.90		2																				0.5
25-18	25-04	0.31											57											96.8
EXIST.	25-12	1.00	66																					10.0
EXIST.	25-13	0.44		29																				5.7
26-12	26-01	1.00						100																25.7
25-15	25-16	1.00	54																					9.2
25-16	25-06	1.00	1																					0.5
25-17	25-09	1.00	2																					0.5
26-01	26-02	0.64								58														16.1
26-02	26-04	0.64							16															6.0
26-04	26-03	0.48											167											290.9
EXIST.	26-06	0.50			7																			2.3
26-06	26-07	0.72												14										12.1
26-07	26-03	0.90												3										2.9
26-05	26-03	0.50	43																					8.3
26-08	26-11	0.60	17																					3.3
26-11	26-09	0.70						2																0.5
26-09	27-02	0.30															74							132.3
26-10	26-09	0.50	42																					9.3
26-03	26-09	0.48											194											339.0
27-01	27-02	1.00			3																			0.7
27-02	27-04	0.15														125								169.9
27-03	27-04	0.60	17																					3.7
27-04	27-07	0.2																						144.1
27-05	27-04	0.50	42													106								7.8
27-06	27-07	0.90		2																				1.0
27-07	27-08	0.20														37								43.0
27-08	27-14	0.20														77								74.2
27-09	27-14	2.00	2																					1.0
27-10	27-12	1.00		45																				15.6
27-11	27-10	0.36		22																				18.3
27-12	28-08	0.15																						115.7
27-13	27-12	2.00	2																					1.0
27-14	27-12	0.40																						123.5
28-01	28-08	2.00	5													172								1.0
28-03	28-04	0.50	11																					1.7
28-04	28-02	1.00		2																				1.0
28-09	28-02	2.00	8																					1.7
28-10	28-15	0.65								47														14.1
28-05	28-07	0.50	10																					1.7
28-06	28-07	2.00		3																				1.0
28-07	28-02	0.17																						36.0
28-08	28-02	0.17																						41.5
28-14	28-13	0.50	3																					0.9
28-15	28-13	0.22																						95.2
28-13	28-02	0.11															104							44.6
28-12	28-11	0.60	53																					9.2
28-11	28-06	0.82	11																					1.7
1530+00	28-15	0.24														70								
PLUG	10-08	0.44	3																					0.5
PLUG	10-11	2.36	6																					1.9
PLUG	11-03	0.44		2																				0.5
PLUG	11-04	0.44	25																					4.4
PLUG	11-06	0.44			8																			3.2
PLUG	12-02	1.00	7																					2.2
PLUG	12-07	1.00	4																					1.3
PLUG	12-10	0.21											8											2.7
PLUG	13-09	0.44	2																					0.5
PLUG	13-11	0.44	7																					1.5
PLUG	13-14	0.44	4																					1.0
PLUG	14-03	0.44	2																					0.5
PLUG	14-05	0.44	25																					4.4
PLUG	15-01	0.44	2																					0.5
PLUG	15-20	0.44	2																					0.5

NOTE: * INDICATED STRUCTURE HAS BEEN CONSTRUCTED IN CONTRACT 62300



REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

DS-30

03/06/07 PM 08/11/2005 14815/CADD/US/05/0032257

SCHEDULE OF STORM SEWERS

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

FROM STRUCTURE	TO STRUCTURE	SLOPE %	SS CL A T1 12	SS CL A T1 15	SS CL A T1 18	SS CL A T1 21	SS CL A T1 27	SS CLA T2 12	SS CLA T2 15	SS CLA T2 18	SS CLA T2 21	SS CLA T2 24	SS CLA T2 27	SS CLA T2 30	SS CLA T2 33	SS CLA T2 36	SS CL A T2 42	SS CLA T2 48	SS CLA T3 21	SS CLA T3 24	SS CLA T3 27	SS CLA T3 30	SS CLA T3 36	TRENCH BACKFILL
PLUG	15-26	0.44	2																					0.5
PLUG	16-01	0.44	19																					6.8
PLUG	16-06	0.44	2																					0.6
PLUG	17-02	0.44	4																					1.0
PLUG	17-10	0.44	3																					0.6
PLUG	17-11	0.44	3																					0.6
PLUG	17-14	0.44	3																					0.5
PLUG	18-01	0.44	3																					0.5
PLUG	19-09	0.44	3																					0.5
PLUG	19-15	0.44	3																					1.0
PLUG	19-18	0.44	3																					0.5
PLUG	19-19	0.44	3																					0.5
PLUG	20-03	0.44	3																					0.5
PLUG	20-05	0.44	3																					0.5
PLUG	20-09	0.44	3																					0.5
PLUG	21-02	0.44	3																					0.5
PLUG	22-01	0.44	3																					0.5
PLUG	22-11	0.58	6																					1.5
PLUG	22-07	0.44	6																					1.6
PLUG	23-01	0.44	3																					0.5
PLUG	23-06	0.44	3																					2.3
PLUG	23-11	0.50		3																				0.8
PLUG	24-04	0.44	3																					0.6
PLUG	24-05	0.44	3																					0.7
PLUG	24-15	0.44	3																					0.5
PLUG	24-20	2.63	8																					2.3
PLUG	25-14	0.31																79						135.8
PLUG	25-18	1.65	9																					3.8
PLUG	25-10	0.44	3																					0.5
PLUG	26-12	0.44	3																					0.5
PLUG	27-06	0.44		5																				0.9
PLUG	27-11	1.73	3																					0.5
PLUG	28-05	0.44	3																					1.0
PLUG	28-12	0.44	3																					0.7
PLUG	5-15	5-06	3.00		3																			1.4
PLUG	8-17	8-15	4.00	2																				0.5
PLUG	13-04	13-03	0.54		38																			9.9
PLUG	19-08	19-06	0.60	2																				0.5
PLUG	24-12	24-10	2.50	2																				1.0

NOTE: * INDICATED STRUCTURE HAS BEEN CONSTRUCTED IN CONTRACT 62300

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

DS-30A

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

DRAINAGE SCHEDULE
 PROPOSED STORM SEWER PIPES

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

PA03009035 Con 4815000005150032564 08/17/2005 03:06:27 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	598	151
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62302		* 0818, ETC, 2324.6-1P/R-9		

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)					
29-02	28-15	13.0	36	0.25%														13.0											14.8						
29-06	29-02	128.0	36	0.22%														128.0												197.3					
29-10	29-06	122.0	36	0.20%														122.0												205.4					
29-15	29-10	135.0	36	0.20%														135.0												226.6					
29-19	29-15	60.0	33	0.25%													60.0													99.2					
29-22	29-19	60.0	33	0.20%													60.0													99.5					
30-02	29-22	118.5	30	0.28%																					118.5					196.8					
30-07	30-02	102.1	30	0.25%																					102.1					176.0					
30-11	30-07	121.5	24	0.35%																					121.5					189.4					
30-17	30-11	131.3	24	0.25%										131.3																175.4					
30-14	30-17	31.3	18	0.25%																			31.3								36.7				
30-18	30-14	62.2	12	0.44%						62.2																					47.4				
31-02	30-18	168.3	12	0.44%						168.3																					135.4				
EX P	29-03	2.1	12	3.54%																							2.1				0.1				
29-04	29-02	0.8	12	1.00%							0.8																					13.8			
29-01	29-02	42.9	12	1.00%							42.9																					13.6			
29-08	29-06	0.8	12	1.00%							0.8																					3.4			
29-05	29-06	43.1	12	1.00%							43.1																					11.5			
EX P	29-11	5.7	12	0.43%																							5.7					3.5			
29-12	29-10	0.8	12	1.00%																		0.8										9.2			
29-09	29-10	43.5	12	1.00%							43.5																					8.4			
EX P	29-14	11.3	12	0.55%																								11.3					2.7		
29-14	29-15	0.8	12	1.00%																													10.9		
29-13	29-15	46.7	12	1.00%																													8.9		
29-18	29-19	0.8	12	1.00%																													5.7		
29-16	29-19	48.6	12	1.00%																													11.9		
EX P	29-17	3.9	12	1.00%																													6.1		
EX P	29-21	12.6	18	0.30%			12.6																										13.1		
29-21	29-22	0.8	12	1.00%																													6.3		
29-20	29-22	50.5	12	1.00%																													12.7		
EX P	30-03	8.8	12	0.55%																													0.3		
30-04	30-02	0.8	12	1.00%																													5.1		
30-01	30-02	51.5	12	1.00%																													12.2		
EX P	30-06	8.8	12	1.00%																													2.0		
30-06	30-07	0.8	12	1.00%																													8.8		
30-05	30-07	52.5	12	1.00%																														8.7	
EX P	30-09	8.7	12	0.49%																														13.1	
30-10	30-11	0.8	12	1.00%																														6.3	
30-08	30-11	51.0	12	1.00%																														12.7	
EX P	30-12	2.0	12	0.43%																														0.3	
30-13	30-14	1.3	12	1.00%																														5.1	
30-15	30-17	6.6	12	1.00%																														12.2	
30-16	30-17	47.4	12	1.00%																														2.0	
EX CB	30-18	8.2	12	1.00%																														8.2	
EX P	31-03	15.3	15	0.32%																														15.3	8.8

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Chicago, Illinois
312.228.0100
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NOTE: DMH= DROP MANHOLE
JC = JUNCTION CHAMBER
EX P = EXISTING STORM SEWER
EX IN = EXISTING INLET
EX CB = EXISTING CATCH BASIN
EX MH = EXISTING MANHOLE

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

DS-31
8/11/2005 14:25 PM

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
31-01	31-02	23.0	12	1.00%						23.0																			4.0	
31-03	31-02	1.3	12	1.00%						1.3																				
32-13	JC 32-01		42	0.10%																										
33-19	32-13	127.2	33	0.22%													127.2												126.0	
33-20	33-19	49.7	33	0.15%												49.7													44.3	
33-04	33-19	48.9	18	0.25%						48.9																			31.5	
33-12	33-20	109.3	33	0.15%													109.3												102.2	
33-16	33-12	140.0	33	0.15%													140.0												157.3	
34-02	33-16	195.0	27	0.15%											195.0														265.2	
32-14	32-13	56.7	42	0.10%																56.7									63.7	
32-10	32-14	213.0	36	0.11%															213.0										123.8	
32-06	32-10	149.0	30	0.13%												149.0													128.1	
32-02	32-06	148.0	30	0.15%												148.0													194.2	
31-09	32-02	187.0	21	0.21%																						187.0			219.0	
31-05	31-09	165.5	18	0.32%																						165.5			219.6	
31-07	31-05	1.3	12	1.00%																	1.3								4.3	
31-13	31-05	21.9	12	1.00%						21.9																			7.9	
31-04	31-13	47.4	12	1.00%						47.4																			0.3	
EX P	31-10	2.1	15	0.32%																							2.1			
31-11	31-09	0.8	12	1.00%																										
31-12	31-09	19.3	12	1.00%																									2.7	
31-08	31-12	46.5	12	1.00%						46.5																			4.1	
EX P	32-03	1.0	15	0.51%																							1.0			
32-04	32-02	0.8	12	1.00%																										
32-17	32-02	18.3	12	1.00%																									3.0	
32-01	32-17	44.4	12	1.00%																									5.5	
EX CB	32-01	12.6	12	1.00%																									1.1	
32-08	32-06	0.8	12	1.00%																										
32-05	32-06	64.1	12	1.00%																									7.1	
EX P	32-11	4.2	18	0.25%			4.2																						0.5	
32-12	32-10	0.8	12	1.00%																										
32-09	32-10	61.4	12	1.00%																									18.0	
EX CB	32-09	2.8	12	1.00%																									0.4	
32-16	32-14	0.8	12	1.00%																										
EX CB	33-05	1.2	12	1.00%																							1.2			
33-10	33-04	0.8	12	1.00%																										
33-06	33-10	25.0	12	1.00%																									8.2	
33-08	33-10	33.0	12	1.00%																									11.0	
EX CB	33-07	1.4	12	1.00%																								1.4		
33-03	33-19	1.5	12	1.00%																										
33-01	33-03	25.0	12	1.00%																									7.4	
33-02	33-20	14.2	12	1.00%																									1.3	
EX CB	33-02	0.6	12	1.00%																										
EX CB	33-13	0.5	12	1.00%																							0.5			
33-14	33-12	0.8	12	1.00%																										

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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
33-11	33-12	54.5	12	1.00%						54.5																			6.4	
EX CB	33-17	1.7	12	1.01%																								1.7		
33-18	33-16	0.8	12	1.00%						0.8																				
33-15	33-16	54.5	12	1.00%						54.5																			6.3	
EX CB	34-03	1.7	12	1.00%																								1.7		
34-04	34-02	0.8	12	1.00%					0.8																					
34-01	34-02	54.5	12	1.00%					54.5																				5.9	
35-18	JC 35-01		42	0.10%																										
35-17	35-18	54.0	36	0.10%															54.0										59.4	
35-20	35-17	180.0	27	0.17%										180.0															192.8	
36-02	35-20	210.5	18	0.25%										210.5															152.7	
36-05	36-02	123.0	18	0.44%										123.0															82.4	
35-08	35-17	59.2	21	0.21%											59.2														47.8	
35-02	35-08	86.3	15	0.32%								86.3																	29.0	
35-23	35-18	59.7	27	0.15%											59.7														15.2	
35-24	35-23	98.6	27	0.15%											98.6														24.9	
34-10	34-06	200.5	18	0.26%										200.5															205.7	
EX CB	34-07	2.0	12	1.00%																								2.0	0.1	
EX P	34-07	8.1	24	0.17%					8.1																				4.5	
34-05	34-06	54.5	12	1.00%						54.5																			6.2	
34-08	34-06	0.8	12	1.00%						0.8																				
EX CB	34-11	2.3	12	1.00%																								2.3	0.2	
34-12	34-10	1.3	12	1.00%										1.3																
EX CB	35-03	2.9	12	1.00%																								2.9	0.1	
35-03	35-04	1.6	12	1.00%											1.6															
35-04	35-02	0.8	12	1.00%											0.8															
35-01	35-24	9.1	12	1.00%											9.1														1.0	
35-14	35-08	0.8	15	1.00%											0.8															
EX CB	35-09	4.2	12	1.00%																								4.2	0.7	
35-10	35-14	11.6	12	1.00%											11.6														3.9	
35-12	35-14	10.4	12	1.00%											10.4														3.4	
35-07	35-23	1.4	15	1.00%											1.4															
35-05	35-07	11.6	12	1.00%											11.6														1.3	
35-06	35-07	10.4	12	1.00%											10.4														1.2	
35-16	35-17	0.8	12	1.00%											0.8															
EX CB	35-21	3.0	12	1.00%																								3.0	0.5	
35-22	35-20	0.8	12	1.00%											0.8															
35-19	35-20	54.5	12	1.00%											54.5														38.5	
EX CB	36-03	1.5	12	1.00%																								1.5		
36-04	36-02	0.8	12	1.00%											0.8															
36-01	36-02	54.5	12	1.00%											54.5														5.9	
EX P	36-05	13.8	12	0.43%																								13.8	4.2	
EX CB	35-07	0.9	12	1.00%											0.9															
EX CB	35-15	6.4	12	1.00%																								6.4	0.9	

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

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

DS-33
 14858 PM
 5082/11/05

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
EX CB	35-19	1.9	12	1.00%						1.9																			0.1	
37-04	JC 37-01		36	0.10%																										
37-03	37-04	54.0	36	0.10%														54.0											78.6	
37-02	37-03	0.8	12	1.00%						0.8																				
37-06	37-03	139.0	27	0.15%											139.0														155.0	
37-12	37-06	30.0	24	0.21%										30.0															23.9	
37-20	37-12	150.5	15	0.44%							150.5																		36.0	
36-11	37-03	235.0	30	0.17%												235.0													267.6	
36-14	36-11	134.5	21	0.44%									134.5																88.2	
36-07	36-14	110.5	21	0.44%									110.5																83.2	
EX CB	37-04	28.7	12	1.00%						28.7																			27.1	
EX CB	37-01	24.2	12	1.00%																							24.2		8.3	
EX CB	36-14	8.5	12	1.00%																							8.5		1.3	
EX P	36-08	4.4	12	0.43%																							4.4		0.7	
36-09	36-07	0.8	12	1.00%						0.8																				
36-06	36-07	54.5	12	1.00%						54.5																			6.1	
EX CB	36-06	22.8	12	1.00%						22.8																				
EX CB	36-12	1.2	12	1.00%																							1.2			
36-13	36-11	0.8	12	1.00%						0.8																				
36-10	36-11	54.5	12	1.00%						54.5																			5.4	
EX CB	37-07	1.5	12	1.00%																							1.5			
37-08	37-06	0.8	12	1.00%						0.8																				
37-05	37-06	54.5	12	1.00%						54.5																			6.2	
37-14	37-12	0.8	15	1.00%									0.8																	
37-18	37-14	10.0	12	1.00%						10.0																			5.2	
37-16	37-18	12.1	12	1.00%						12.1																			3.9	
EX IN	37-15	2.7	12	1.00%																							2.7		0.3	
37-09	37-12	54.5	15	1.00%									54.5																39.0	
37-10	37-11	12.0	12	1.00%						12.0																			3.9	
37-11	37-09	10.0	12	1.00%						10.0																			5.2	
EX CB	37-10	6.7	12	1.00%						6.7																			1.6	
37-22	37-20	1.3	12	1.00%						1.3																				
37-21	37-22	2.2	12	1.00%						2.2																			0.1	
EX P	37-21	4.3	12	1.00%																							4.3		0.2	
37-19	37-20	55.0	12	1.00%						55.0																			5.9	
38-05	JC 38-01		48	0.10%																										
38-03	38-05	53.0	48	0.10%																									43.3	
38-07	38-03	178.5	42	0.10%																178.5									221.5	
38-11	38-07	196.0	36	0.11%																									222.7	
38-15	38-11	193.0	36	0.13%																									216.2	
39-02	38-15	161.0	30	0.17%												161.0													191.3	
39-06	39-02	137.5	27	0.25%																									128.6	
39-10	39-06	114.0	24	0.32%										114.0															116.6	
EX CB	39-11	7.2	12	1.00%																							7.2		1.2	
EX P	39-11	4.6	12	2.00%																							4.6		0.9	

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

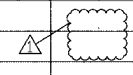
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	156
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62302		* (1818, ETC, 2324.6-1)PR-9		

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
EX P	40-03	3.9	12	1.00%																								3.9	0.4	
EX CB	40-03	6.6	12	1.00%																								6.6	0.6	
40-04	40-02	1.3	12	1.00%						1.3																				19.2
40-01	40-02	55.0	12	1.00%						55.0																				0.7
EX CB	40-01	6.7	12	1.00%						6.7																				0.6
EX P	40-07	4.6	12	2.00%																								4.6	0.6	
EX CB	40-07	6.6	12	1.00%																								6.6	0.6	
40-08	40-06	1.3	12	1.00%						1.3																				5.2
40-05	40-06	55.0	12	1.00%						55.0																				0.9
EX P	40-11	4.6	12	2.00%																								4.6	0.9	
EX CB	40-11	6.7	12	1.00%																								6.7	1.1	
40-12	40-10	0.8	12	1.00%						0.8																				5.4
40-09	40-10	54.5	12	1.00%						54.5																				5.4
EX IN	40-09	6.6	12	1.00%						6.6																				2.6
EX P	40-15	10.5	12	2.00%																								10.5	4.0	
EX P	40-15	12.6	12	2.00%																								12.6	3.3	
EX CB	40-15	17.3	12	1.00%																								17.3	43.1	
40-16	40-14	0.8	12	1.00%						0.8																				0.4
40-13	40-14	54.5	12	1.00%						54.5																				1.0
EX IN	40-13	3.8	12	1.00%						3.8																				1.5
EX P	41-03	4.6	12	2.00%																								4.6	5.6	
EX CB	41-03	7.0	12	1.00%																								7.0	1.0	
41-04	41-02	0.8	12	1.00%						0.8																				2.0
41-01	41-02	54.5	12	1.00%						54.5																				0.3
EX IN	41-01	4.4	12	1.00%						4.4																				2.0
EX P	41-07	4.5	12	2.00%																								4.5	0.4	
EX CB	41-07	7.0	12	1.00%																								7.0	0.1	
41-08	41-06	0.8	12	1.00%						0.8																				4.8
41-05	41-06	54.5	12	1.00%						54.5																				4.4
EX IN	41-05	4.1	12	1.00%						4.1																				0.8
EX P	41-09	4.5	12	2.00%																								4.5	0.7	
EX CB	41-09	20.6	12	1.00%																								20.6	3.6	
41-10	41-16	0.8	12	1.00%						0.8																				21.8
41-17	41-12	28.0	12	1.00%						28.0																				0.3
EX IN	41-17	3.0	12	1.00%						3.0																				2.0
EX P	41-15	9.6	12	2.00%																								9.6	0.4	
EX IN	41-15	7.8	12	1.00%																								7.8	0.4	
EX IN	42-06	3.9	12	1.00%																								3.9	0.1	
42-05	42-03	0.8	15	1.00%							0.8																			4.8
41-15	42-05	14.0	12	1.00%						14.0																				4.4
42-04	42-05	13.0	12	1.00%						13.0																				0.7
EX IN	42-02	0.7	12	1.00%						0.7																				0.8
EX CB	42-09	7.4	12	1.00%																								7.4	0.8	
EX P	42-09	5.4	12	2.00%																								5.4	0.7	
42-09	42-10	2.2	12	1.00%						2.2																				0.2



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 EX MH = EXISTING MANHOLE

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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	598	158
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		(1818, ETC, 2324.6-1PR-9		

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
44-11	44-12	53.1	15	1.00%						53.1																			7.1	
44-09	44-11	13.3	12	1.00%						13.3																			1.1	
44-10	44-11	8.7	12	1.00%						8.7																			0.7	
EX IN	44-11	2.3	12	1.00%						2.3																			0.1	
EX P	44-23	3.5	12	0.20%																								3.5	0.4	
EX CB	44-21	1.8	12	1.00%																								1.8		
44-24	44-20	0.8	12	1.00%						0.8																				
44-22	44-24	11.0	12	1.00%						11.0																			7.3	
44-19	44-20	53.3	12	1.00%						53.3																			6.0	
EX IN	44-19	9.3	12	1.00%						9.3																				
44-26	44-19	71.0	12	1.00%						71.0																			5.8	
EX CB	44-26	9.2	12	1.00%						9.2																			0.9	
45-03	45-05	16.0	12	1.00%						16.0																			12.6	
45-04	45-05	9.0	12	1.00%						9.0																			6.7	
EX P	45-03	7.8	12	3.20%																								7.8	4.4	
EX CB	45-05	1.9	12	1.00%																								1.9	0.1	
EX P	45-04	6.3	12	2.00%																								6.3	2.0	
EX CB	45-01	11.1	12	1.00%						11.1																			0.8	
45-06	45-02	0.8	12	1.00%																		0.8								
45-01	45-02	54.5	12	1.00%						54.5																			6.2	
46-23	DMH 46-01	57.1	36	0.83%																										
46-22	46-23	0.3	48	0.19%																		57.1							69.8	
46-21	46-22	0.3	12	1.00%																		0.3								
47-02	46-22	134.5	36	0.38%																									101.2	
47-06	47-02	215.0	36	0.31%																									188.1	
47-10	47-06	204.3	36	0.22%																									176.9	
46-15	46-22	91.5	36	0.13%																									81.8	
46-10	46-15	135.0	27	0.19%											135.0														46.7	
46-06	46-10	110.0	24	0.23%										110.0															38.0	
46-02	46-06	143.0	21	0.24%																									50.1	
45-08	46-02	149.5	21	0.33%																									50.4	
EX P	47-10	11.1	15	2.60%																								11.1	3.8	
EX MH	47-12	1.4	12	1.00%																								1.4		
47-12	47-10	0.8	12	1.00%						0.8																				
47-09	47-10	57.4	12	1.00%						57.4																			6.5	
EX MH	47-08	6.0	12	1.00%																								6.0	1.3	
47-08	47-06	0.8	12	1.00%						0.8																				
47-05	47-06	58.2	12	1.00%						58.2																			6.9	
EX P	47-04	7.3	12	1.40%																								7.3	0.5	
47-04	47-02	0.8	12	1.00%						0.8																				
47-01	47-02	58.3	12	1.00%						58.3																			7.1	
46-17	46-19	11.0	12	1.00%						11.0																			4.1	
46-19	46-15	0.8	15	1.00%							0.8																			
EX MH	46-19	4.9	12	1.00%																								4.9	1.3	
46-13	46-14	11.0	12	1.00%						11.0																			0.9	

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 EX CB = EXISTING CATCH BASIN
 EX MH = EXISTING MANHOLE

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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

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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	159
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		* (1818, ETC. 2324.6-IP)R-9		

SCHEDULE OF STORM SEWERS

FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	SS CL A 1, 12	SS CL A 1, 15	SS CL A 1, 18	SS CL A 1, 21	SS CL A 1, 24	SS CL A 2, 12	SS CL A 2, 15	SS CL A 2, 18	SS CL A 2, 21	SS CL A 2, 24	SS CL A 2, 27	SS CL A 2, 30	SS CL A 2, 33	SS CL A 2, 36	SS CL A 2, 42	SS CL A 2, 48	SS CL A 3, 12	SS CL A 3, 18	SS CL A 3, 21	SS CL A 3, 24	SS CL A 3, 30	SS CL A 3, 33	SS CL A 3, 36	SS CL B 1, 12	SS CL B 1, 15	TRENCH BACKFILL (CU. YD.)
46-14	46-15	57.9	15	1.00%						57.9																			8.2	
EX CB	46-14	6.6	12	1.00%						6.6																			1.6	
46-12	46-10	0.8	12	1.00%						0.8																			6.0	
46-09	46-10	54.5	12	1.00%						54.5																			6.0	
EX CB	46-08	4.5	12	1.00%																						4.5			4.5	
46-08	46-06	0.8	12	1.00%						0.8																			6.2	
46-05	46-06	54.5	12	1.00%						54.5																			6.2	
EX CB	46-05	10.9	12	1.00%						10.9																			1.2	
46-04	46-02	0.8	12	1.00%						0.8																			6.0	
46-01	46-02	54.5	12	1.00%						54.5																			6.0	
46-03	46-01	64.0	12	1.00%						64.0																			5.3	
EX IN	46-01	3.8	12	1.00%						3.8																			0.2	
EX CB	46-03	6.2	12	1.00%						6.2																			0.2	
45-10	45-08	1.3	12	1.00%						1.3																			6.4	
45-07	45-08	55.0	12	1.00%						55.0																			3.6	
45-09	45-07	36.0	12	1.00%						36.0																			0.6	
EX CB	45-09	8.1	12	1.00%						8.1																			3.7	
EX CB	45-10	3.7	12	1.00%																							3.7		3.1	
EX CB	46-04	3.1	12	1.00%																									0.1	
EX MH	46-21	5.0	12	1.00%																									3.3	
EX CB	31-08	3.9	12	1.00%						3.9																			0.3	
34-06	34-02	280.0	21	0.21%																				280.0					319.2	
33-13	33-14	2.0	12	1.00%						2.0																			23298	
TOTALS					4897	1050	37	202	9	4753	907	2126	2835	1487	2069	2698	606	4527	1623	164	37	292	321	357	238	0	58	486	38	23298

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

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

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

DS-39
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SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)	
1530+14.0	1530+00.0	RT	14.0	JOB LIMIT	5.5
1530+12.5	1530+00.0	LT	12.5	JOB LIMIT	
1531+44.0	1530+15.0	RT	129.0	29-01	5.5
1531+42.5	1530+16.5	LT	126.0	29-04	
1532+69.0	1531+45.0	RT	124.0	29-05	5.5
1532+67.5	1531+46.5	LT	121.0	29-08	
1533+31.7	1532+70.0	RT	61.7	29-09	5.5
1534+09.0	1533+43.6	RT	65.4		5.5
1533+10.7	1532+70.0	LT	40.7	29-12	
1534+07.2	1533+22.8	LT	84.4		
1534+74.0	1534+10.0	RT	64.0	29-13	5.5
1534+72.5	1534+12.0	LT	60.5	29-14	
1535+39.0	1534+75.0	RT	64.0	29-16	5.5
1535+37.2	1534+76.5	LT	60.7	29-18	
1536+64.0	1535+40.0	RT	124.0	29-20	5.5
1536+62.5	1535+42.0	LT	120.5	29-21	
1537+74.0	1536+65.0	RT	109.0	30-01	5.5
1537+72.2	1536+66.5	LT	105.7	30-04	
1539+04.0	1537+75.0	RT	129.0	30-05	6.0
1539+02.5	1537+77.0	LT	125.5	30-06	
1540+42.5	1540+12.0	LT	30.5		
1540+42.2	1539+06.5	LT	135.7	30-10	
1540+44.0	1539+05.0	RT	139.0	30-08	6.0
1542+62.8	1540+45.0	RT	217.8	30-16	6.0
1542+63.8	1544+85.0	RT	221.2	31-04	6.0
1544+40.8	1542+93.0	LT	147.8	31-03	
1544+40.8	1544+83.5	LT	42.7	31-07	
1542+97.8	1540+43.5	LT	254.3	30-13	
1544+86.0	1546+55.0	RT	169.0	31-08	6.0
1544+87.5	1546+53.5	LT	166.0	31-11	
1546+56.0	1548+47.0	RT	191.0	32-01	6.0
1546+57.5	1548+45.5	LT	188.0	32-04	
1548+48.0	1550+00.0	RT	152.0	32-05	6.0
1548+49.5	1549+98.5	LT	149.0	32-08	
1550+01.0	1551+54.0	RT	153.0	32-09	6.0
1550+02.5	1551+52.5	LT	150.0	32-12	
1551+55.0	1553+59.0	RT	204.0	32-13	6.0
1551+56.5	1553+57.5	LT	201.0	32-16	
1553+60.0	1555+04.0	RT	144.0	33-03	6.0
1553+61.5	1554+73.5	LT	112.0	33-06	
1554+77.5	1555+02.5	LT	25.0	33-10	
1555+38.5	1555+05.5	LT	33.0	33-10	
1556+59.0	1555+04.0	RT	155.0	33-03	6.0
1555+03.0	1555+41.0	RT	38.0	33-08	6.0
1558+04.0	1556+60.0	RT	144.0	33-11	6.0
1558+02.5	1555+06.0	LT	296.5	33-03	
1560+04.0	1558+05.0	RT	199.0	33-15	6.0
1560+02.5	1558+06.5	LT	196.0	33-18	

SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)	
1561+39.7	1560+05.0	RT	134.7	34-01	6.0
1561+39.7	1560+06.5	LT	133.2	34-04	
1561+40.7	1562+90.0	RT	149.3	34-05	6.0
1561+40.7	1562+88.5	LT	147.8	34-08	
1562+91.0	1566+75.0	RT	384.0	35-01	6.0
1562+92.5	1564+93.5	LT	201.0	34-12	
1564+97.5	1566+73.5	LT	176.0	35-04	
1566+76.0	1567+65.6	RT	89.6	35-07	6.0
1566+77.5	1567+48.5	LT	71.0	35-10	
1567+52.5	1567+64.1	LT	11.6	35-14	
1567+77.5	1567+67.1	LT	10.4	35-14	
1568+22.5	1567+81.5	LT	41.0	35-12	
1568+24.0	1567+65.6	RT	58.4	35-07	6.0
1570+14.0	1568+25.0	RT	189.0	35-18	6.0
1570+12.5	1568+26.5	LT	186.0	35-16	
1572+29.0	1570+15.0	RT	214.0	35-19	6.0
1572+27.5	1570+16.5	LT	211.0	35-22	
1574+26.3	1572+30.0	RT	196.3	36-01	6.0
1574+26.3	1572+31.5	LT	194.8	36-04	
1574+27.3	1574+77.0	RT	49.7	36-06	6.0
1574+27.3	1574+75.5	LT	48.2	36-09	
1574+78.0	1577+31.0	RT	253.0	36-10	6.0
1574+79.5	1577+29.5	LT	250.0	36-13	
1577+32.0	1579+50.0	RT	218.0	37-04	6.0
1577+33.5	1579+48.5	LT	215.0	37-02	
1579+52.5	1581+13.5	LT	161.0	37-08	
1579+51.0	1581+15.0	RT	164.0	37-05	6.0
1581+16.0	1581+50.0	RT	34.0	37-09	6.0
1581+17.5	1581+48.5	LT	31.0	37-14	
1581+62.5	1581+52.5	LT	10.0	37-14	
1581+77.5	1581+65.4	LT	12.0	37-18	
1583+04.0	1581+50.0	RT	154.0	37-09	6.0
1583+02.5	1581+81.5	LT	121.0	37-16	
1584+32.5	1583+06.5	LT	126.0	37-22	
1585+92.0	1583+05.0	RT	287.0	37-19	6.0
1585+90.5	1584+36.5	LT	154.0	38-02	
1587+93.0	1585+93.0	RT	200.0	38-06	6.0
1587+91.5	1585+94.5	LT	197.0	38-09	
1589+91.0	1587+94.0	RT	197.0	38-10	6.0
1589+89.5	1587+95.5	LT	194.0	38-13	
1591+57.0	1589+92.0	RT	165.0	38-14	6.0
1591+55.5	1589+93.5	LT	162.0	38-17	
1592+99.0	1591+58.0	RT	141.0	39-01	6.0
1592+97.5	1591+59.5	LT	138.0	39-04	
1594+17.0	1593+00.0	RT	117.0	39-05	6.0
1594+15.5	1593+01.5	LT	114.0	39-08	
1595+85.5	1594+18.0	RT	167.5	39-09	6.0
1595+85.5	1594+19.5	LT	166.0	39-12	

SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)	
1595+86.5	1597+49.0	RT	162.5	40-01	6.0
1595+86.5	1597+47.5	LT	161.0	40-04	
1597+50.0	1598+49.0	RT	99.0	40-05	6.0
1597+51.5	1598+47.5	LT	96.0	40-08	
1598+50.0	1599+99.0	RT	149.0	40-09	6.0
1598+51.5	1599+97.5	LT	146.0	40-12	
1600+00.0	1601+78.0	RT	178.0	40-13	6.0
1600+01.5	1601+76.5	LT	175.0	40-16	
1601+79.0	1603+79.0	RT	200.0	41-01	6.0
1601+80.5	1603+77.5	LT	197.0	41-04	
1603+81.5	1605+77.5	LT	196.0	41-08	
1605+80.0	1607+10.0	RT	130.0	41-12	6.0
1605+81.5	1607+08.5	LT	127.0	41-10	
1607+12.5	1607+93.0	LT	80.5	41-15	
1607+11.0	1608+13.0	RT	102.0	42-02	6.0
1607+97.8	1608+11.5	LT	13.7	42-05	
1608+27.2	1608+14.5	LT	12.7	42-05	
1609+59.0	1608+13.0	RT	146.0	42-02	5.5
1609+57.5	1608+32.0	LT	125.5	42-04	
1611+42.0	1609+60.0	RT	182.0	42-07	2.5
1611+40.5	1609+61.5	LT	179.0	42-10	
1613+69.0	1611+43.0	RT	226.0	42-11	2.5
1613+67.5	1611+44.5	LT	223.0	42-14	
1615+13.1	1613+70.0	RT	143.1	42-15	2.5
1615+13.1	1613+71.5	LT	141.6	42-18	
1615+14.1	1617+15.0	RT	200.9	43-01	2.5
1615+14.1	1617+13.5	LT	199.4	43-04	
1617+16.0	1619+44.0	RT	228.0	43-05	2.5
1617+17.5	1619+42.5	LT	225.0	43-08	
1619+45.0	1620+65.0	RT	120.0	44-04	2.5
1619+46.5	1620+63.5	LT	117.0	44-02	
1620+67.5	1621+58.5	LT	91.0	44-08	
1620+66.0	1622+92.3	RT	226.3	44-11	2.5
1621+62.5	1622+73.5	LT	111.0	44-14	
1622+77.5	1622+90.8	LT	13.3	44-18	
1623+02.5	1622+93.8	LT	8.7	44-18	
1624+04.0	1622+92.3	RT	111.7	44-11	6.0
1624+17.5	1624+07.0	LT	10.5	44-24	
1624+02.2	1623+06.5	LT	95.7	44-16	
1626+44.0	1624+05.0	RT	239.0	44-19	6.0
1626+42.5	1624+21.5	LT	221.0	44-22	
1628+69.6	1626+45.0	RT	224.6	45-01	6.0
1628+69.6	1626+46.5	LT	223.1	45-06	
1628+70.6	1630+88.0	RT	217.4	45-07	6.0
1628+70.6	1630+86.5	LT	215.9	45-10	
1630+89.0	1632+42.0	RT	153.0	46-01	6.0
1630+90.5	1632+40.5	LT	150.0	46-04	
1632+43.0	1633+90.0	RT	147.0	46-05	6.0

F.A.I. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 161
STA. 62302		TO STA. (1818, ETC, 2324.6-1P1R-9		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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NAME	DATE
ADDENDUM 1	8/12/05

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

SCHEDULE OF PIPE UNDERDRAINS

STATION TO STATION	OFFSET	PIPE UNDERDRAINS 6" (FT)	CONNECTING STRUCTURE	PIPE UNDERDRAINS 6" SPECIAL (FT)
1632+44.5	1633+88.5	LT	46-08	
1633+91.0	1635+05.0	RT	46-09	6.0
1633+92.5	1635+03.5	LT	46-12	
1635+06.0	1636+30.0	RT	46-13	6.0
1635+07.5	1636+28.5	LT	46-17	
1636+42.5	1636+31.5	LT	46-17	
1637+42.5	1636+46.5	LT	46-19	
1637+44.0	1636+30.0	RT	46-13	6.0
1638+84.0	1637+45.0	RT	46-23	6.0
1638+82.5	1637+46.5	LT	46-21	
1641+04.0	1638+85.0	RT	47-01	6.0
1641+02.5	1638+86.5	LT	47-04	
1643+12.0	1641+05.0	RT	47-05	6.0
1643+10.5	1641+06.5	LT	47-08	
TOTALS				636

TABLE OF PIPE UNDERDRAIN ELEVATIONS

STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION
1424+00	-1.63	1478+00	-3.07	1546+00	1.44	1593+00	6.00	1640+00	T.B.D.		
1425+00	-1.33	1479+00	-1.92	1547+00	0.61	1594+00	6.55	1641+00	T.B.D.		
1426+00	-1.41	1480+00	-0.77	1548+00	-0.52	1595+00	6.85	1642+00	T.B.D.		
1427+00	-1.85	1481+00	0.38	1549+00	-1.93	1596+00	6.91	1643+00	T.B.D.		
1429+00	-2.89	1482+00	1.53	1550+00	-3.55	1597+00	6.73				
1430+00	-3.41	1483+00	2.68	1551+00	-5.17	1598+00	6.31				
1431+00	-3.91	1484+00	3.80	1552+00	-6.80	1599+00	5.64				
1432+00	-4.41	1485+00	4.72	1553+00	-8.39	1600+00	4.73				
1433+00	-4.91	1486+00	5.37	1554+00	-9.44	1601+00	3.58				
1434+00	-5.41	1487+00	5.74	1555+00	-9.81	1602+00	2.19				
1435+00	-5.90	1488+00	5.84	1556+00	-9.49	1603+00	0.55				
1436+00	-6.40	1489+00	5.66	1557+00	-8.46	1604+00	-1.33				
1437+00	-6.60	1490+00	5.21	1558+00	-7.33	1605+00	-3.39				
1438+00	-6.12	1491+00	4.49	1559+00	-6.23	1606+00	-5.02				
1439+00	-5.14	1492+00	3.51	1560+00	-5.49	1607+00	-6.09				
1440+00	-4.14	1493+00	2.47	1561+00	-5.15	1608+00	-6.61				
1441+00	-3.17	1494+00	1.43	1562+00	-5.21	1609+00	-6.57				
1442+00	-2.54	1495+00	0.38	1563+00	-5.66	1610+00	-5.98				
1443+00	-2.33	1496+00	-0.66	1564+00	-6.52	1611+00	-5.04				
1444+00	-2.55	1497+00	-1.70	1565+00	-7.69	1612+00	-4.10				
1450+00	-8.04	1498+00	-2.74	1566+00	-8.84	1613+00	-3.17				
1451+00	-8.07	1499+00	-3.80	1567+00	-9.67	1614+00	-2.51				
1452+00	-7.46	1500+00	-4.87	1568+00	-9.76	1615+00	-2.27				
1453+00	-6.38	1501+00	-5.93	1569+00	-9.16	1616+00	-2.44				
1454+00	-5.63	1503+00	-7.67	1570+00	-7.86	1617+00	-3.01				
1455+00	-5.29	1504+00	-7.70	1571+00	-6.17	1618+00	-3.99				
1456+00	-5.38	1505+00	-7.02	1572+00	-4.76	1619+00	-5.10				
1457+00	-5.89	1525+00	-6.96	1573+00	-3.85	1620+00	-6.21				
1458+00	-6.72	1526+00	-8.24	1574+00	-3.42	1621+00	-7.32				
1459+00	-7.57	1527+00	-8.58	1575+00	-3.48	1622+00	-8.26				
1460+00	-8.19	1528+00	-8.26	1576+00	-4.04	1623+00	-8.49				
1461+00	-8.08	1530+00	-7.00	1577+00	-5.07	1624+00	-8.00				
1463+00	-5.84	1531+00	-6.14	1578+00	-6.60	1625+00	-6.96				
1464+00	-4.45	1532+00	-5.01	1579+00	-8.54	1626+00	-5.88				
1465+00	-3.41	1533+00	-4.13	1580+00	-10.02	1627+00	-4.81				
1466+00	-2.73	1534+00	-3.21	1581+00	-10.80	1628+00	-3.92				
1467+00	-2.42	1535+00	-2.19	1582+00	-10.87	1629+00	-3.65				
1468+00	-2.47	1536+00	-1.15	1583+00	-10.24	1630+00	-4.04				
1469+00	-2.86	1537+00	-0.06	1584+00	-8.90	1631+00	-4.95				
1470+00	-3.60	1538+00	0.51	1585+00	-6.86	1632+00	-5.91				
1471+00	-4.66	1539+00	1.14	1586+00	-4.61	1633+00	-6.87				
1472+00	-5.80	1540+00	1.81	1587+00	-2.39	1634+00	-7.82				
1473+00	-6.67	1541+00	1.55	1588+00	-0.38	1635+00	-8.78				
1474+00	-6.85	1542+00	2.04	1589+00	1.38	1636+00	-9.74				
1475+00	-6.40	1543+00	2.22	1590+00	2.90	1637+00	T.B.D.				
1476+00	-5.34	1544+00	2.25	1591+00	4.18	1638+00	T.B.D.				
1477+00	-4.21	1545+00	1.99	1592+00	5.21	1639+00	T.B.D.				

SCHEDULE OF PIPE UNDERDRAINS

STATION	OFFSET	STATION	OFFSET	PIPE UNDERDRAINS 12" (FT)
1540+12.8	14.4' RT	1540+16.9	88.2' LT	102.6
1548+38.2	10.9' RT	1548+38.2	74.1' LT	84.8
1607+79.3	11.5' RT	1607+78.7	63.2' LT	74.6
1622+78.7	7.7' RT	1622+79.2	63.8' LT	71.4
1636+27.5	63.9' LT	1636+28.6	6.0' RT	69.9
TOTAL				403.3

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ADDENDUM 1	8/12/05

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

SCHEDULE OF STORM SEWERS JACKED IN PLACE

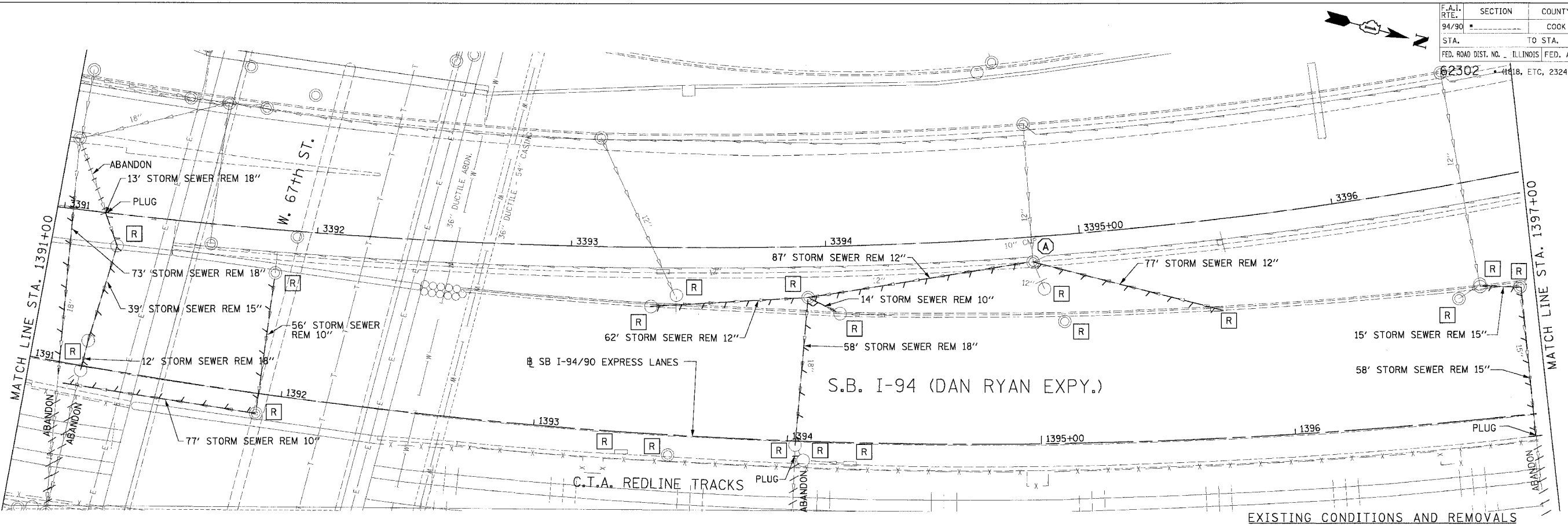
UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	SLOPE %	SEWER INVERTS		CASING INVERTS		STORM SEWERS JACKED IN PLACE, CLASS A 36" LF	STORM SEWERS JACKED IN PLACE, CLASS A 42" LF	STORM SEWERS JACKED IN PLACE, CLASS A 48" LF	STEEL CASING PIPE 48" LF	STEEL CASING PIPE 60" LF	STEEL CASING PIPE 66" LF	BRACED EXCAVATION		TRENCH BACKFILL	
			UPSTREAM	DOWNSTREAM	UPSTREAM	DOWNSTREAM							JACKING PIT AND / OR JUNCTION CHAMBER CONSTRUCTION	RECEIVING PIT	JACKING PIT AND / OR JUNCTION CHAMBER CONSTRUCTION	RECEIVING PIT
19-04	JC 19-01	0.20%	-12.16	-12.25	-12.66	-12.75	43			43			360.9	47.7	205.4	20.4
19-22	JC 20-01	0.12%	-9.29	-9.34	-10.04	-10.09		44			44		446.3	59.0	290.8	30.8
23-08	JC 23-01	0.20%	-9.07	-9.16	-9.82	-9.91		43			43		375.2	49.6	219.7	21.8
24-14	JC 24-01	0.20%	-10.90	-10.98	-11.65	-11.73		40			40		298.8	39.5	143.3	14.4
28-02	JC 28-01	0.55%	-15.25	-15.48	-16.00	-16.23			42			42	425.0	56.2	269.5	28.6
32-13	JC 32-01	0.10%	-14.45	-14.50	-15.20	-15.25		43			43		390.7	39.9	338.0	29.2
35-18	JC 35-01	0.10%	-14.75	-14.80	-15.50	-15.55		43			43		390.0	39.8	337.3	29.2
37-04	JC 37-01	0.10%	-16.45	-16.50	-16.95	-17.00	42			42			417.0	42.9	364.2	30.8
38-05	JC 38-01	0.10%	-14.45	-14.50	-15.20	-15.25			39			39	385.6	39.4	332.8	25.0
41-12	JC 41-01	0.10%	-14.95	-15.00	-15.70	-15.75			39			39	464.8	50.4	412.1	30.5
44-04	JC 44-01	0.10%	-15.95	-16.00	-16.70	-16.75		46			46		506.3	55.6	453.6	39.1
TOTAL							85	259	120	85	259	120	4461	520	3367	300

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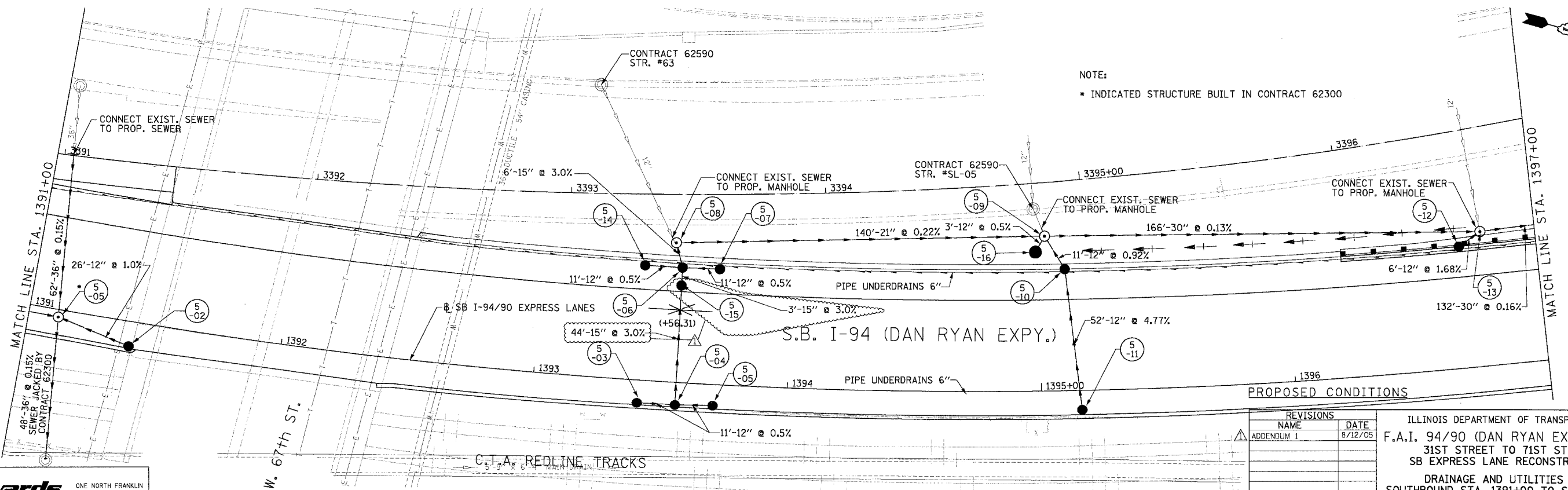
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 596	SHEET NO. 168
STA. 62302	TO STA. #118, ETC, 2324.6-1PIR-9			
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		



EXISTING CONDITIONS AND REMOVALS



NOTE:
 ■ INDICATED STRUCTURE BUILT IN CONTRACT 62300

PROPOSED CONDITIONS

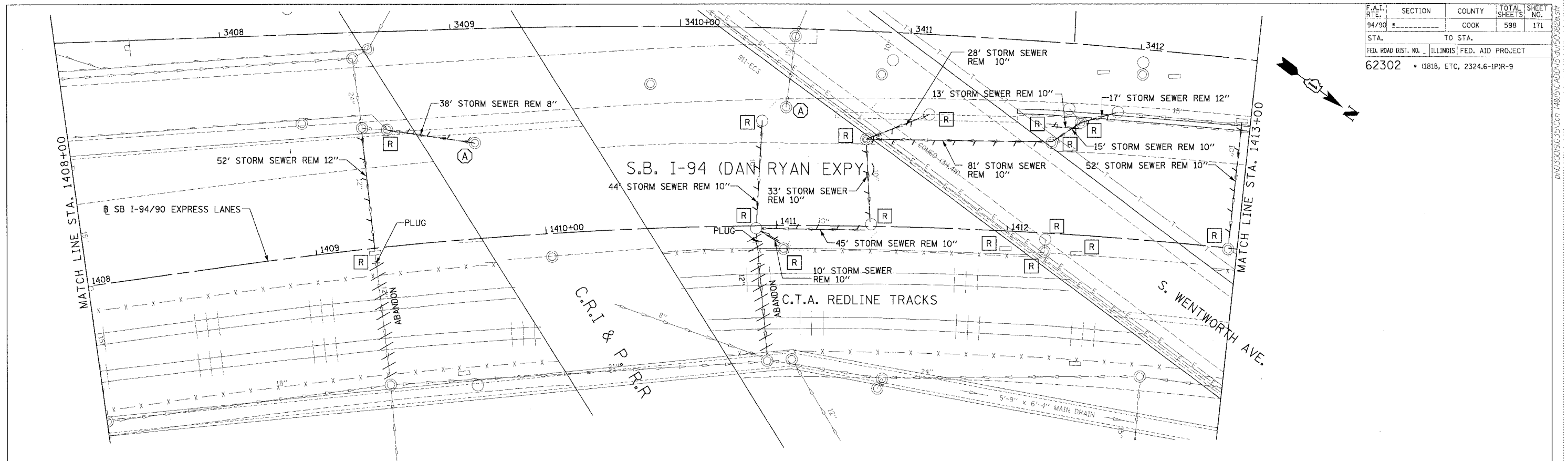
**Edwards
AND Kelcey**
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.ECKORP.COM

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

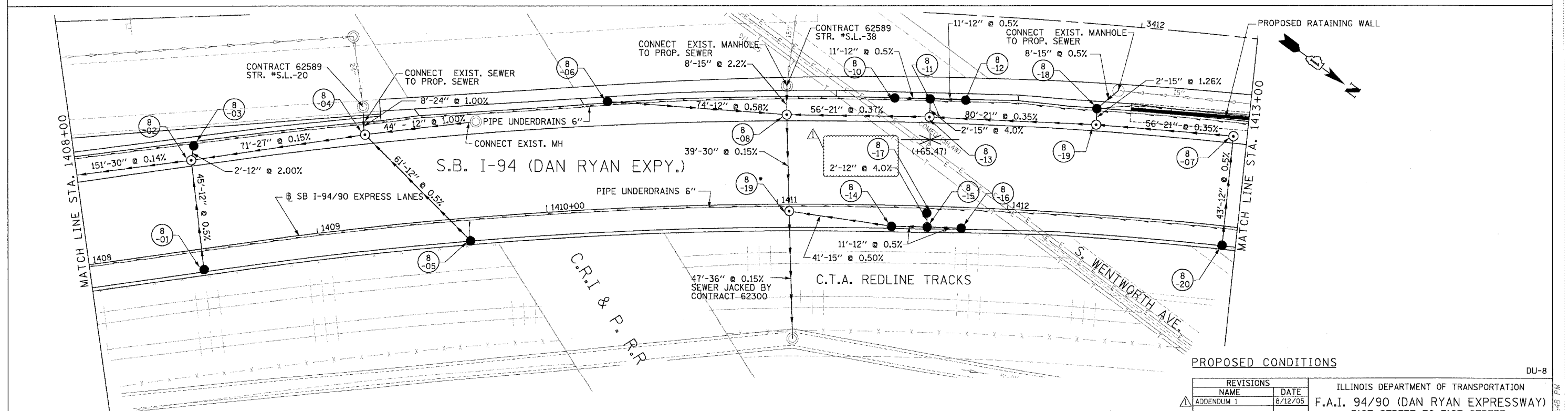
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1391+00 TO STA. 1397+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

08/11/2005 02:29:54 PM

F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	598	171
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
62302		1181B, ETC, 2324.6-1P1R-9	



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-8

NOTE:
 • STRUCTURE BUILT IN CONTRACT 62300

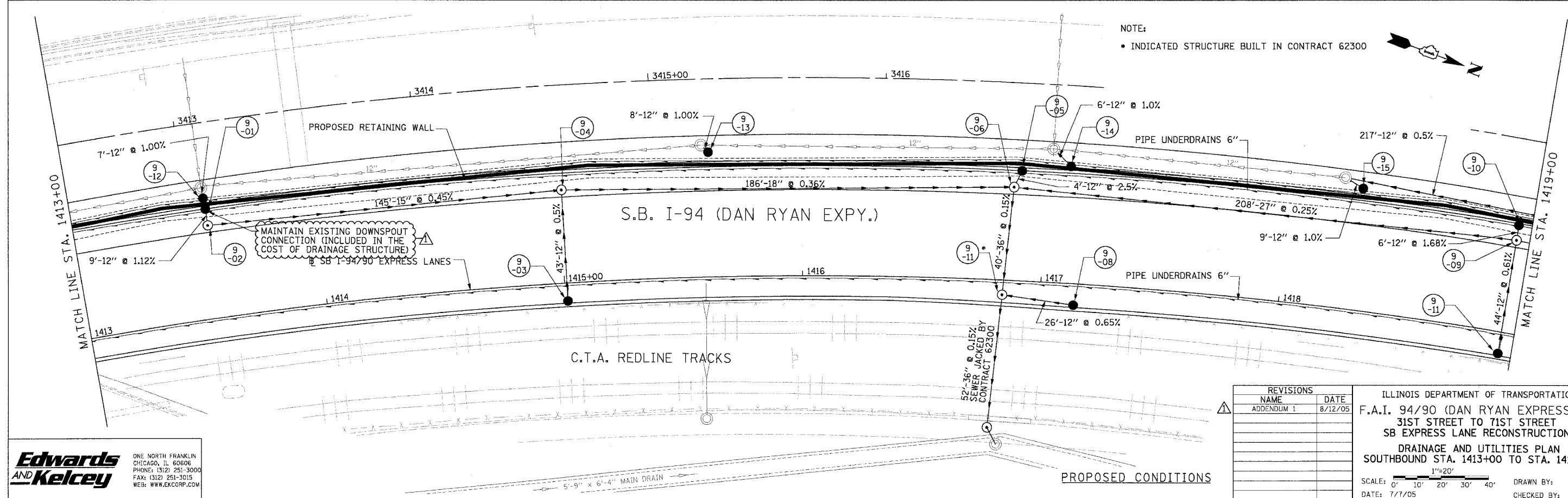
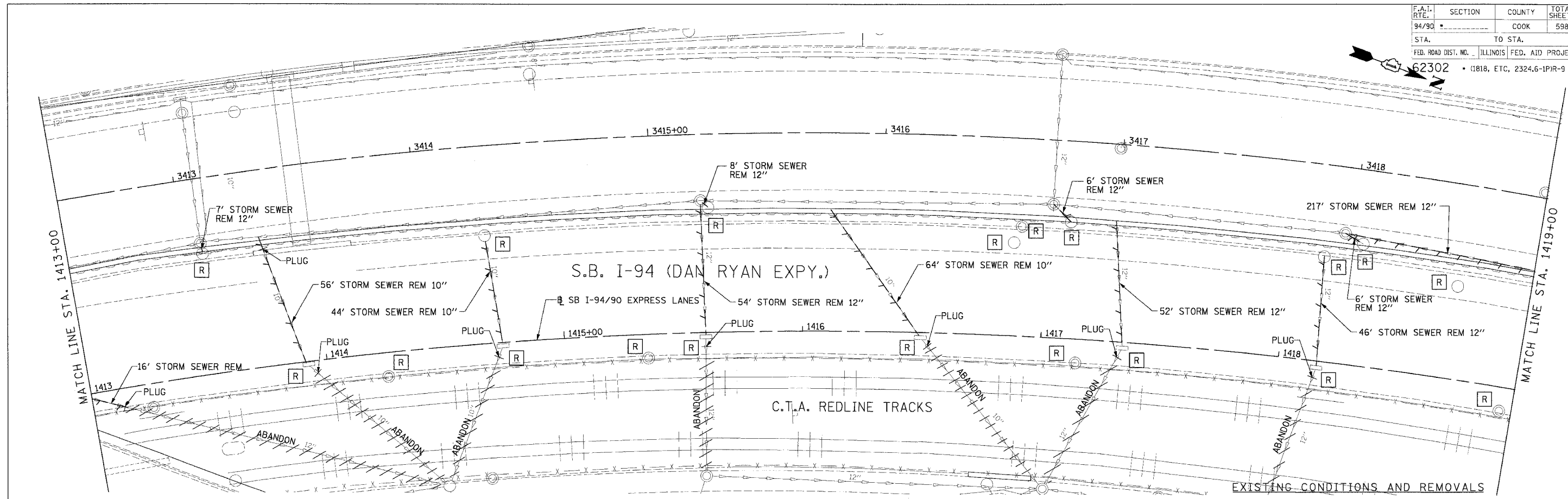
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1408+00 TO STA. 1413+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

02/20/05 02:20:48 PM
 14875 CADWIN/5 DU/00/08/05

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	172
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	(1818, ETC, 2324.6-1PIR-9			



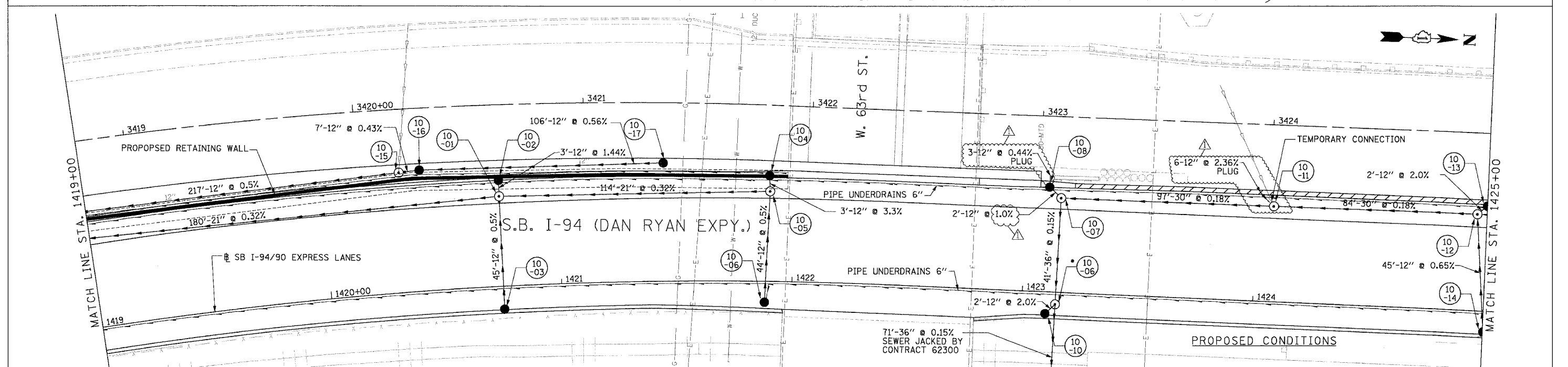
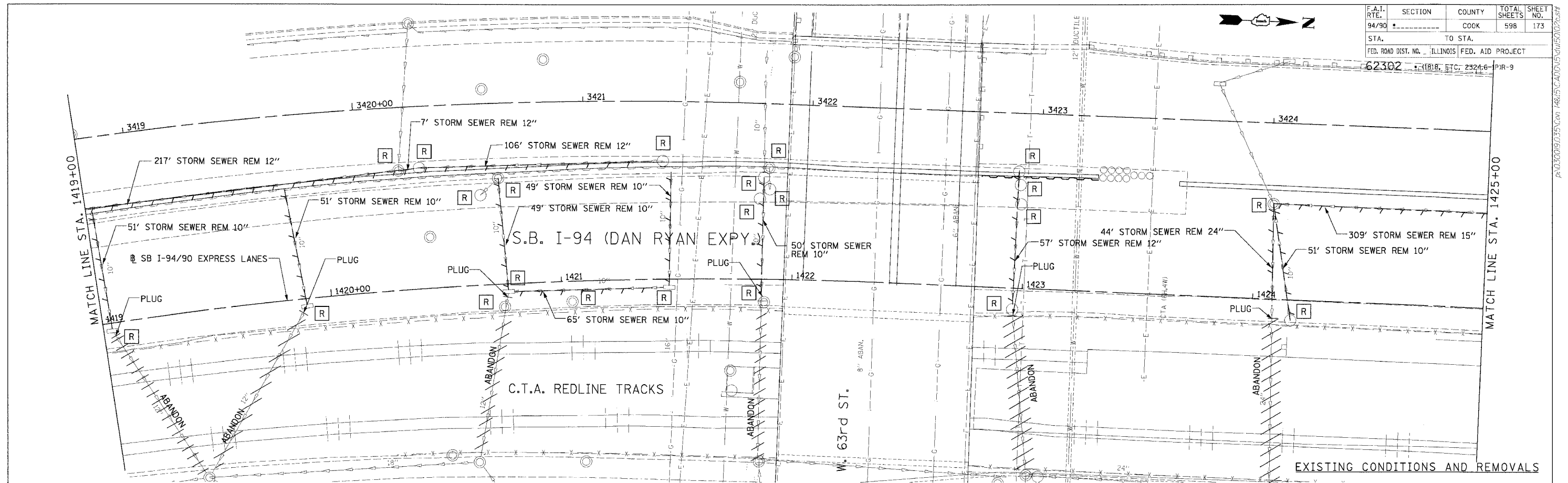
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 CHICAGO, IL 60606
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REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1413+00 TO STA. 1419+00
 SCALE: 1"=20'
 DATE: 7/1/05
 DRAWN BY: LPN
 CHECKED BY: PJM

06/10/2005 02:47:12 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	173
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
62302		11818, ETC. 2324.6 PIR-9		



NOTE:
 • STRUCTURE BUILT IN CONTRACT 62300

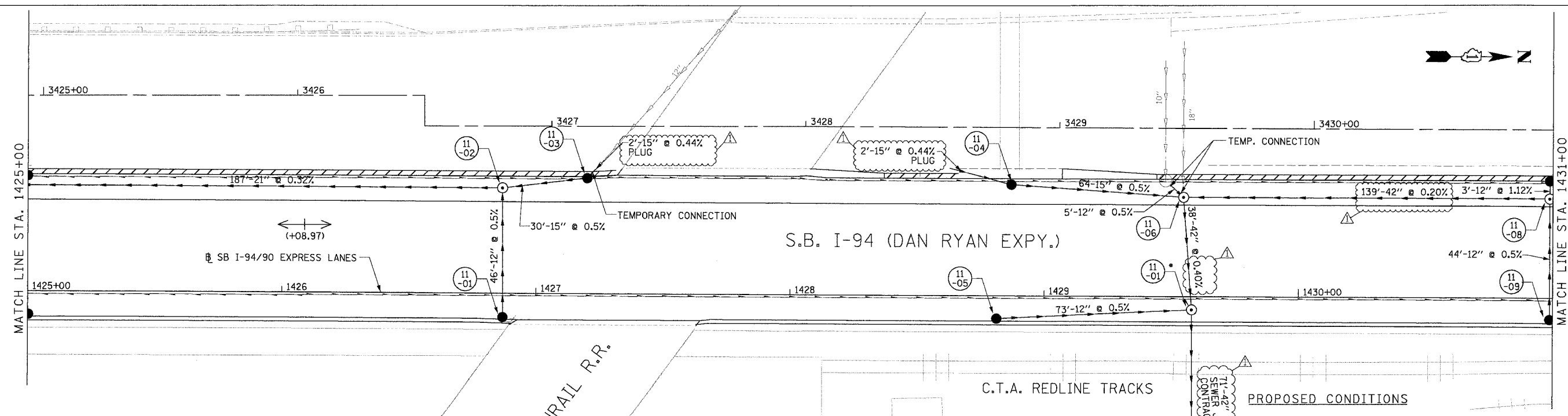
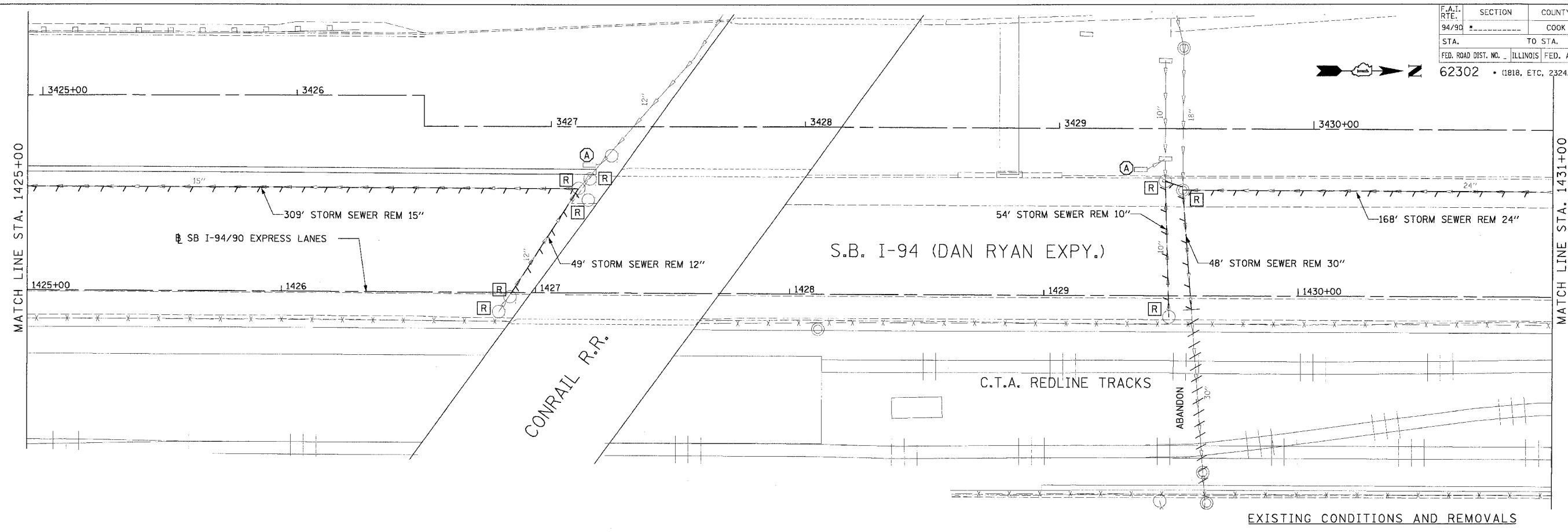
REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1419+00 TO STA. 1425+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.EDCORP.COM

P:\030009\05\5\com 148\15\CAD\DU\141910202.dwg 08/11/2005 02:22:25 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	174
STA.		TO STA.		
62302		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 11818, ETC. 2324.6-1PR-9				



NOTE:
 • STRUCTURE BUILT IN CONTRACT 62300

PROPOSED CONDITIONS

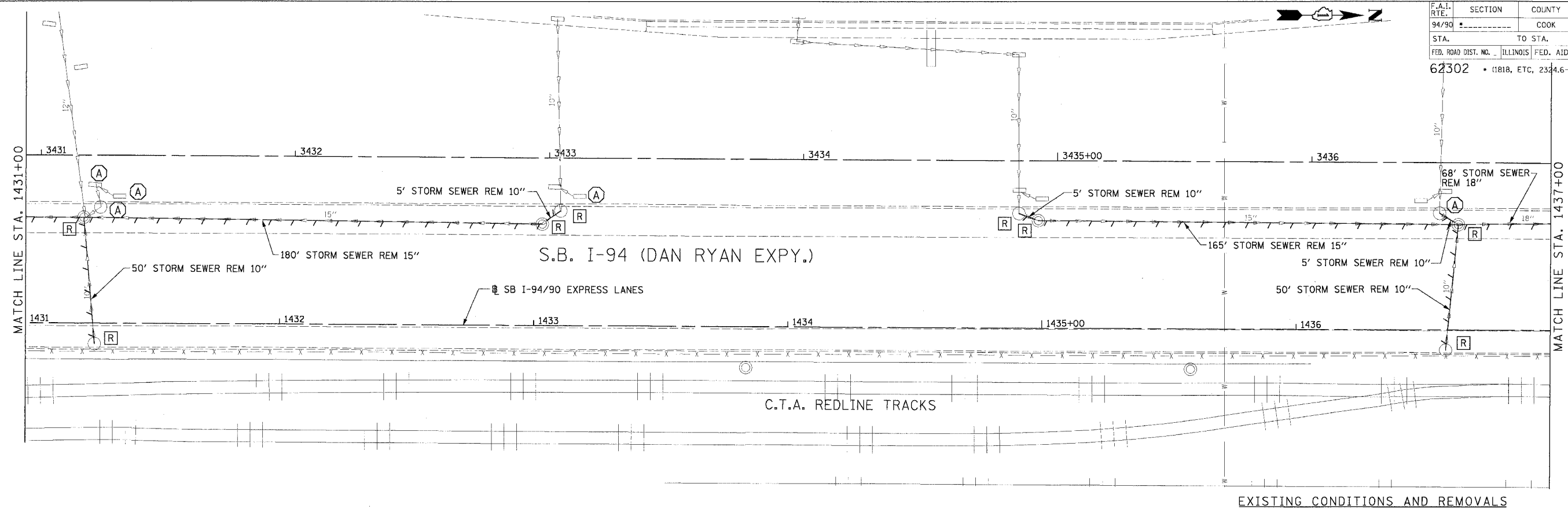
REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1425+00 TO STA. 1431+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

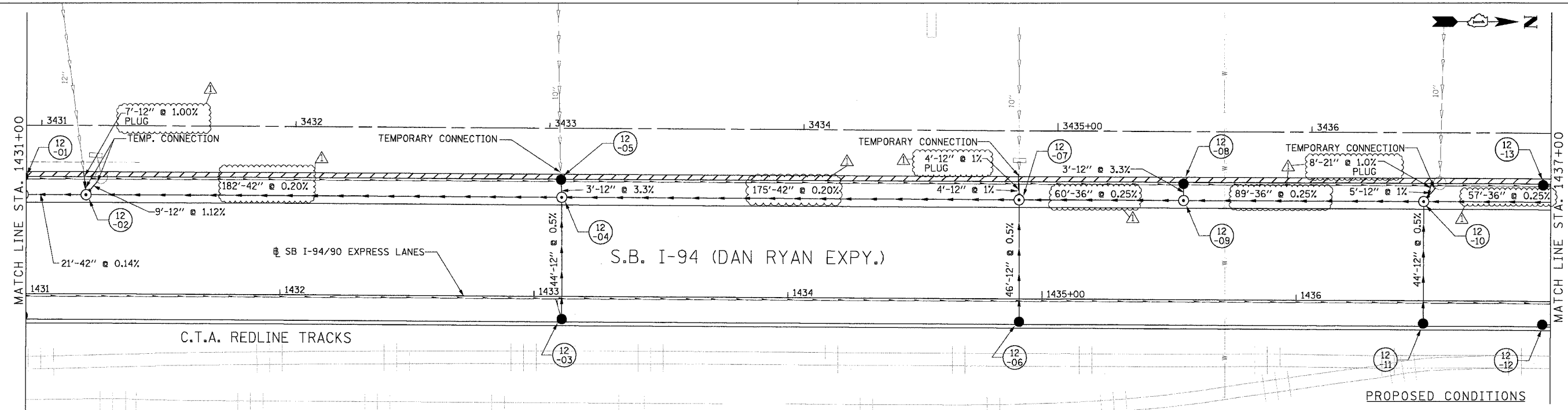
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EDWARDSKELCEY.COM

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F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 175
STA. 62302	TO STA. 1437+00		FED. AID PROJECT 11818, ETC, 2344.6-1P1R-9	



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

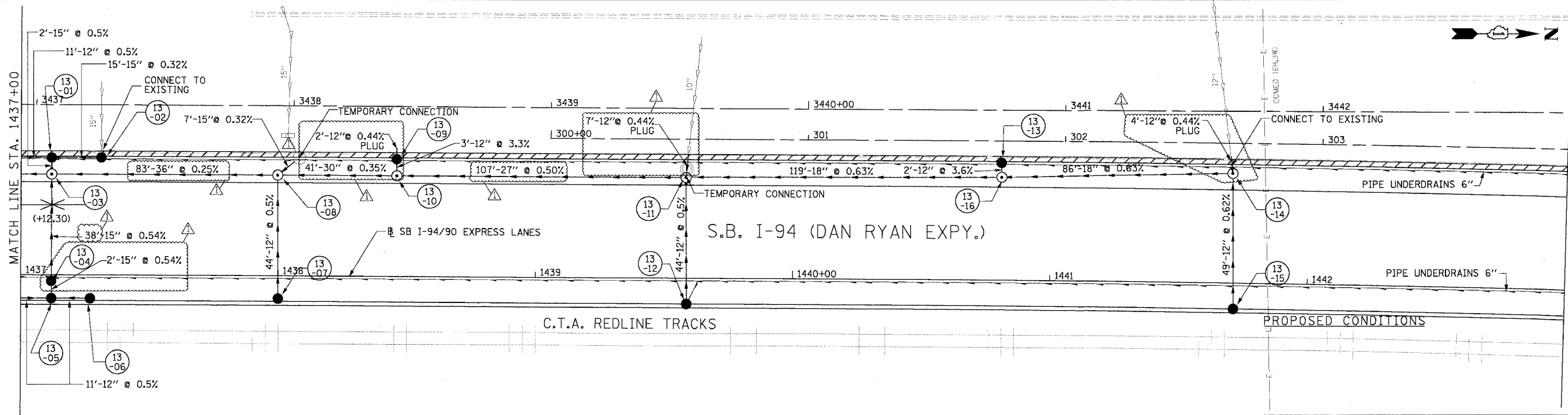
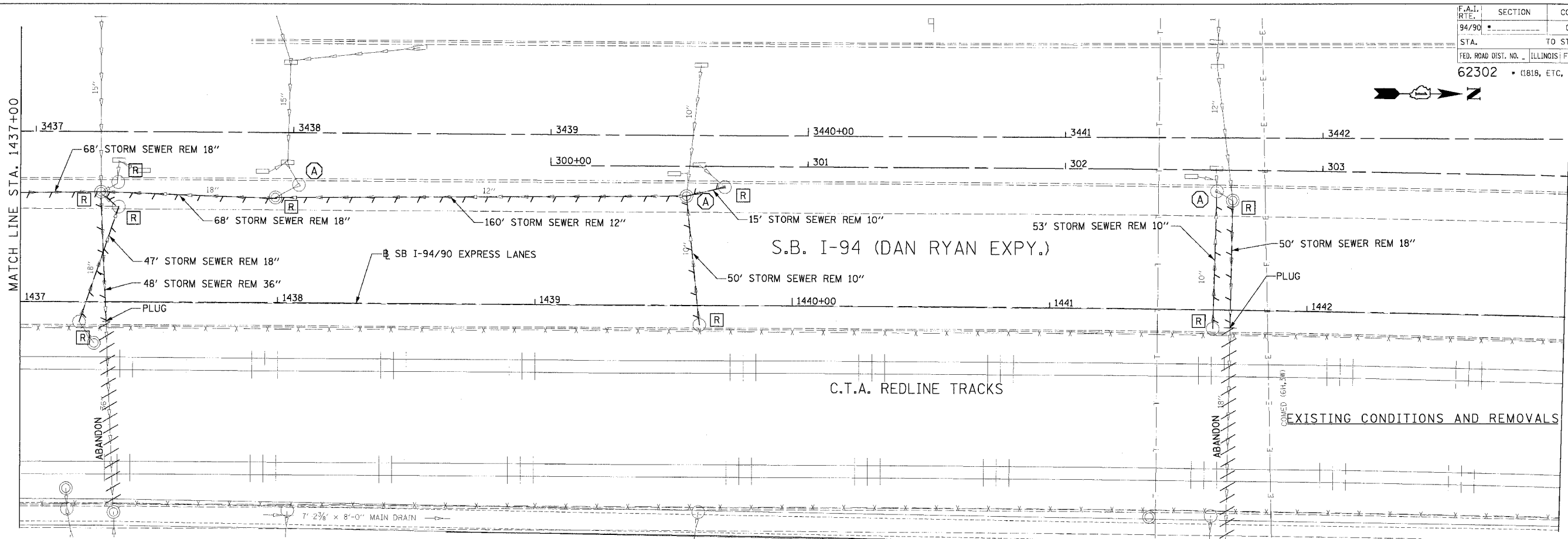
REVISIONS		
NO.	NAME	DATE
1	ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1431+00 TO STA. 1437+00
 SCALE: 0" = 10' 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

P:\030909\94\90\148\5\CADD\5\145012.dwg
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F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	598	176
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
62302		1818, ETC. 2324.6-1PJR-9	



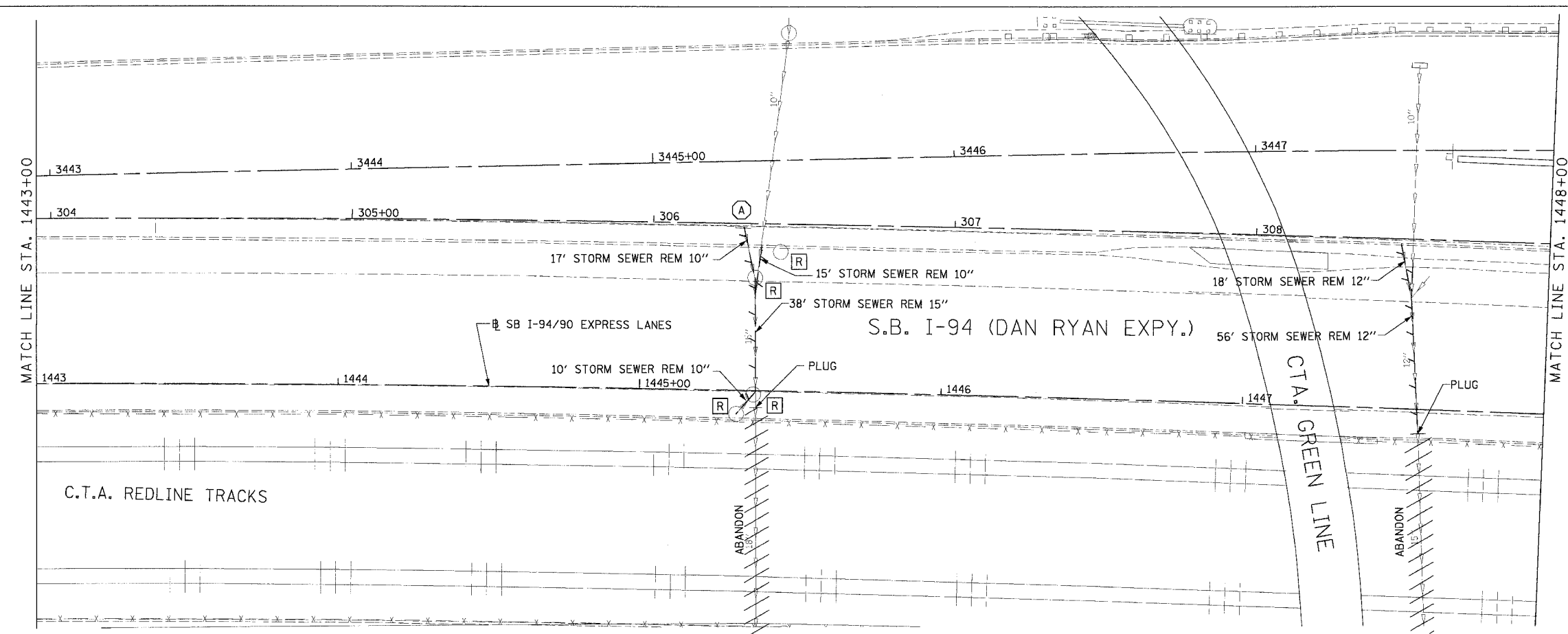
Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.ENCORP.COM

REVISIONS		
NAME	DATE	
ADDENDUM 1	08/12/05	

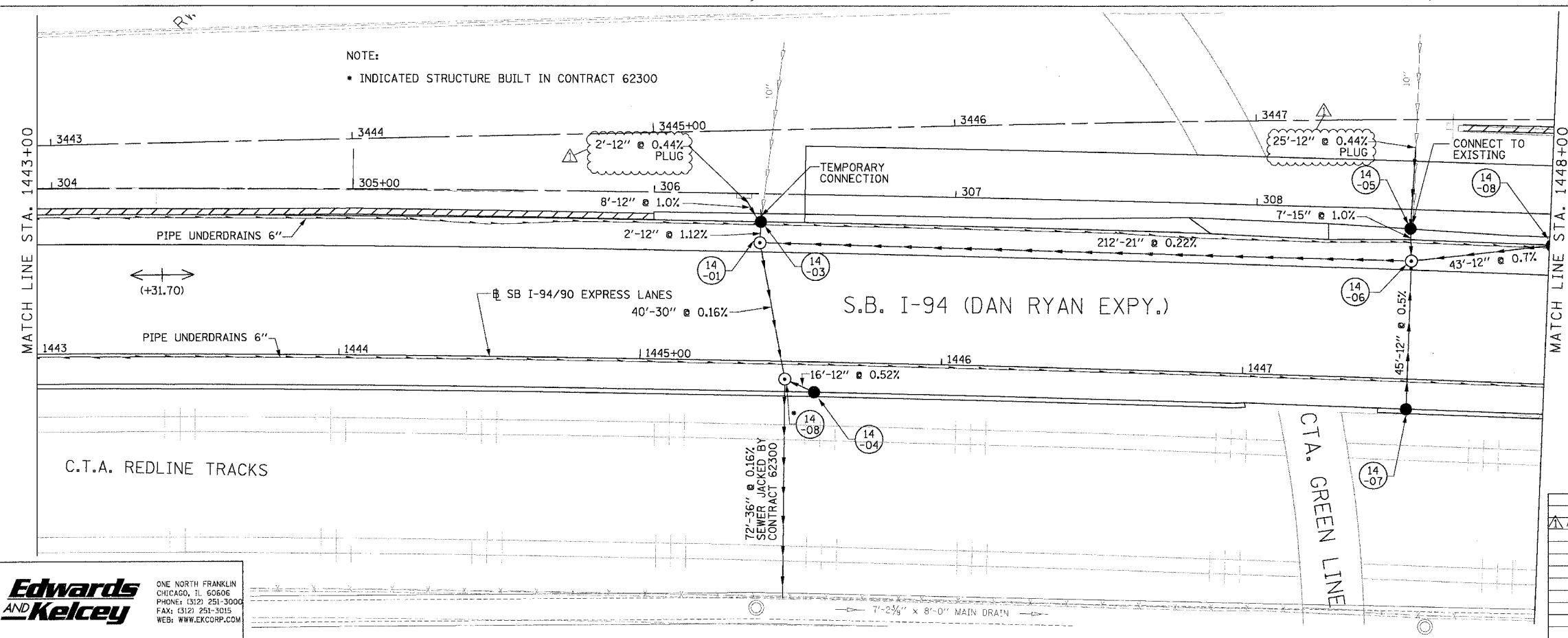
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1437+00 TO STA. 1443+00
 SCALE: 1"=20'
 DATE: 7/1/05
 DRAWN BY: LPN
 CHECKED BY: PJM

08/11/2005 02:29:25 PM
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	177
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	(1818, ETC, 2324.6-1PR-9			



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

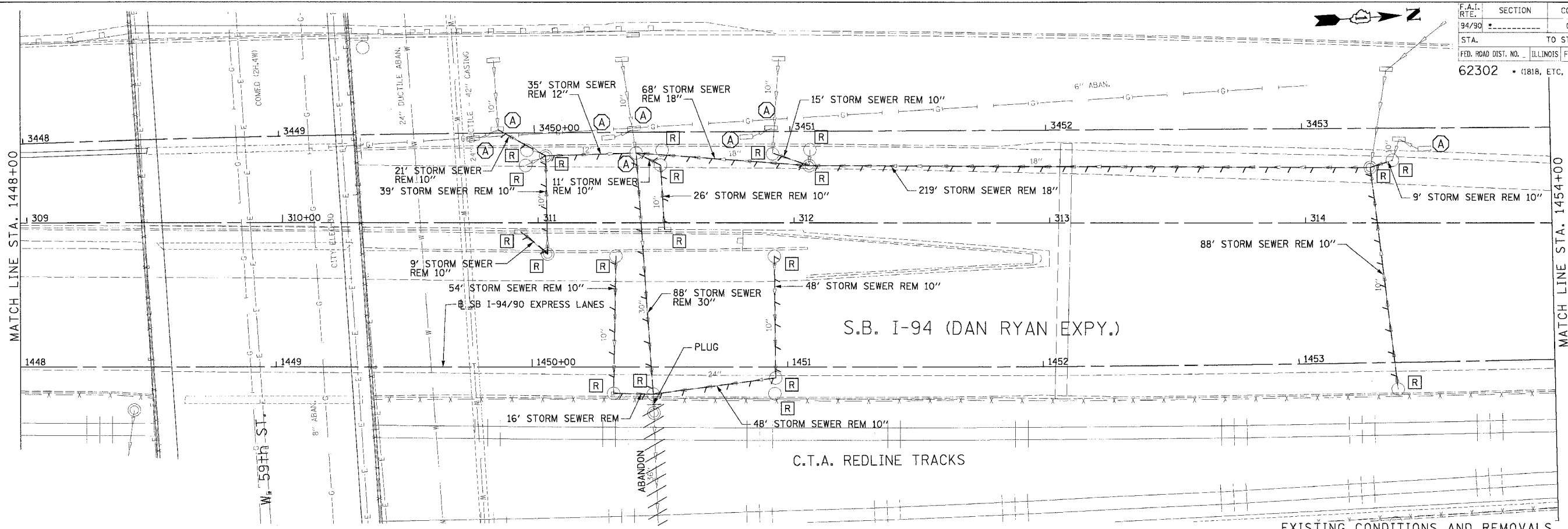
REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

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

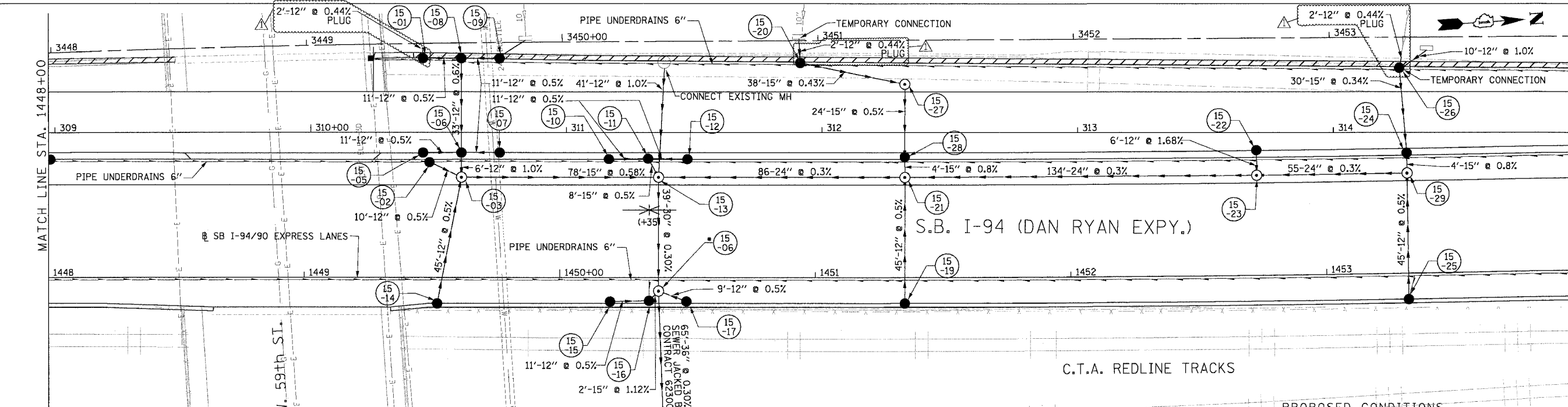
**Edwards
 AND Kelcey**
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

08/11/2005 09:30:00 PJM

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



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

NOTE:
 * STRUCTURE BUILT IN CONTRACT 62300

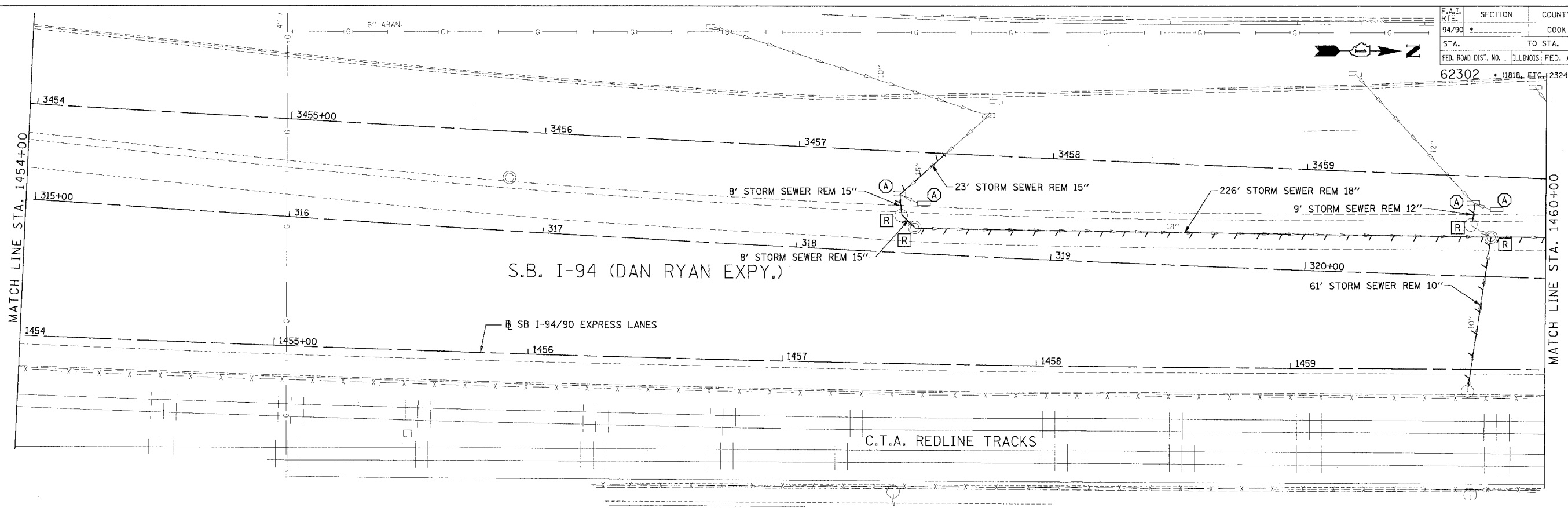
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1448+00 TO STA. 1454+00
 SCALE: 1"=20'
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

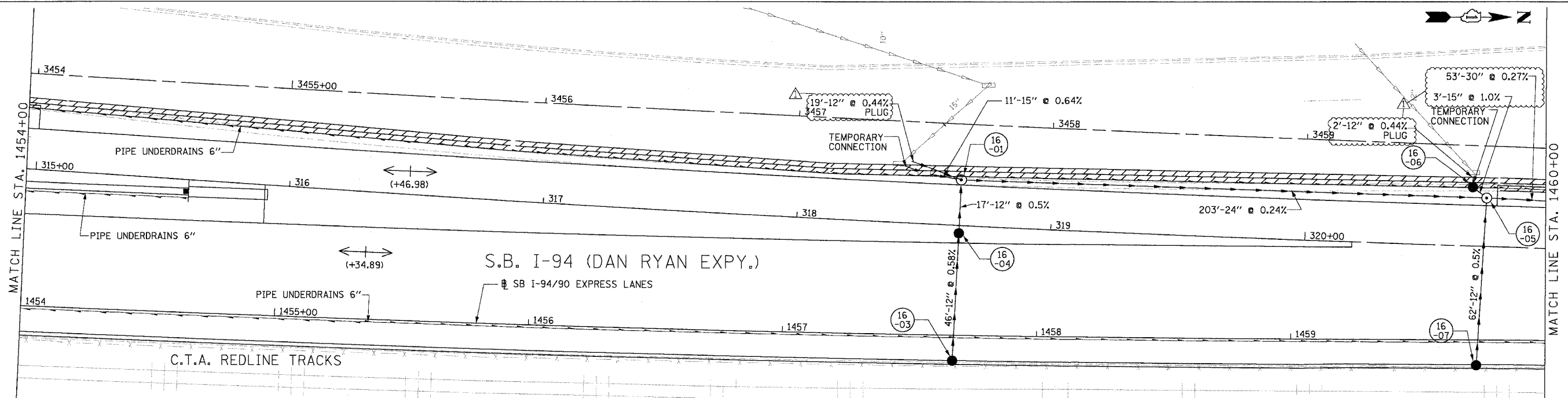
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EXCORP.COM

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



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

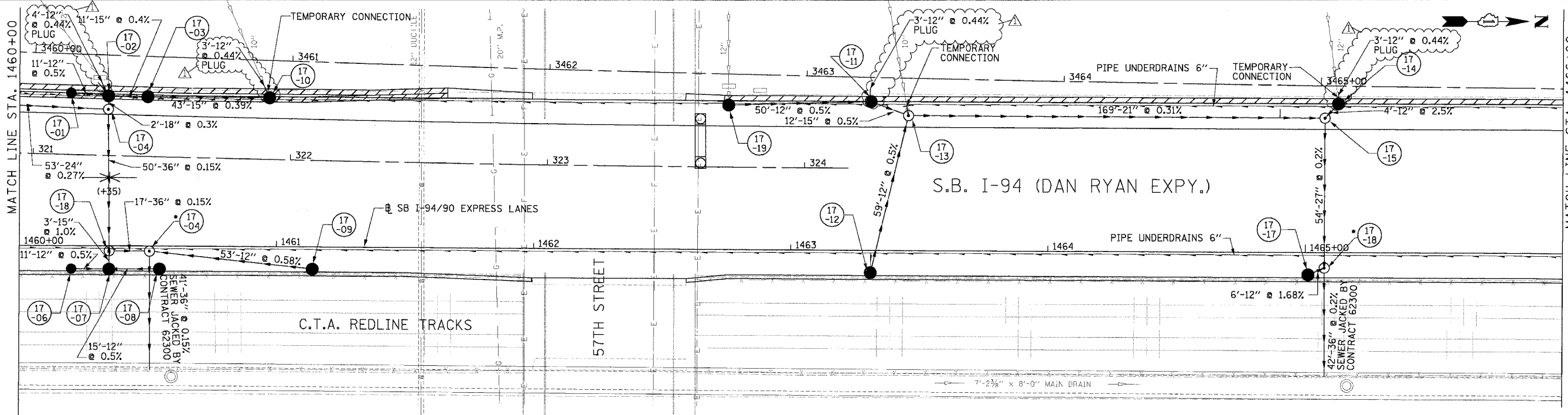
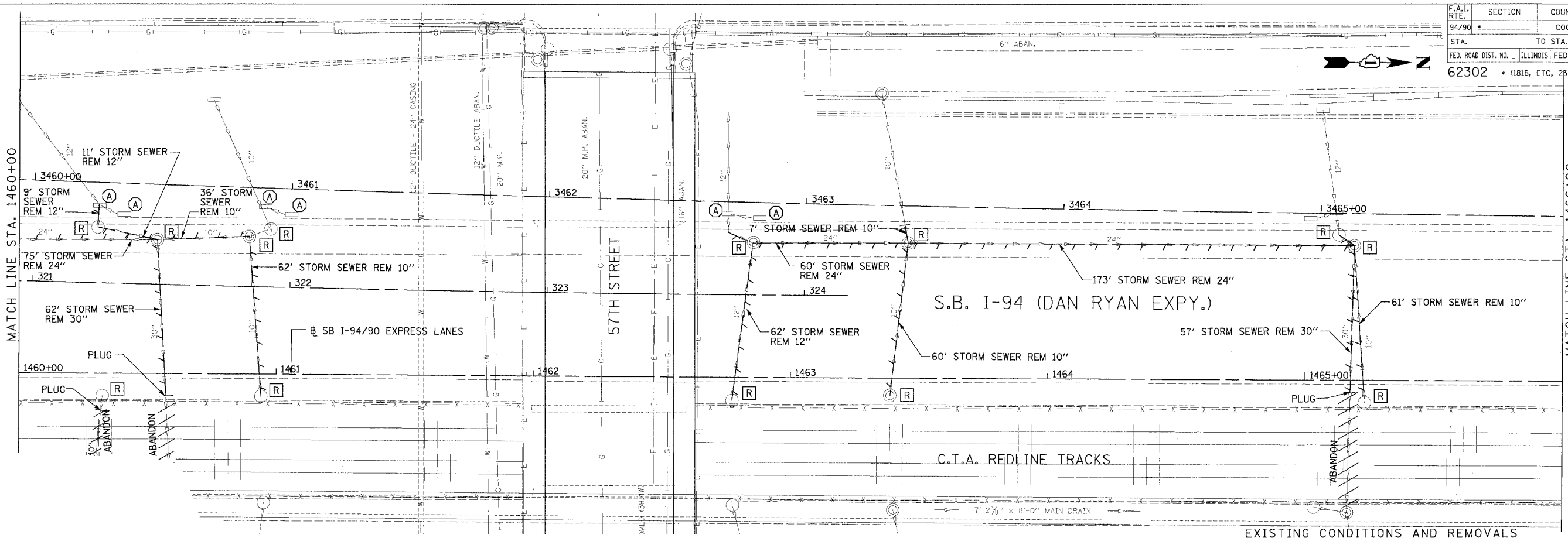
DU-16

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1454+00 TO STA. 1460+00
 SCALE: 1"=20'
 DATE: 7/1/05
 DRAWN BY: LPN
 CHECKED BY: PJM

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

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NOTE:
 • STRUCTURE BUILT IN CONTRACT 62300

REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

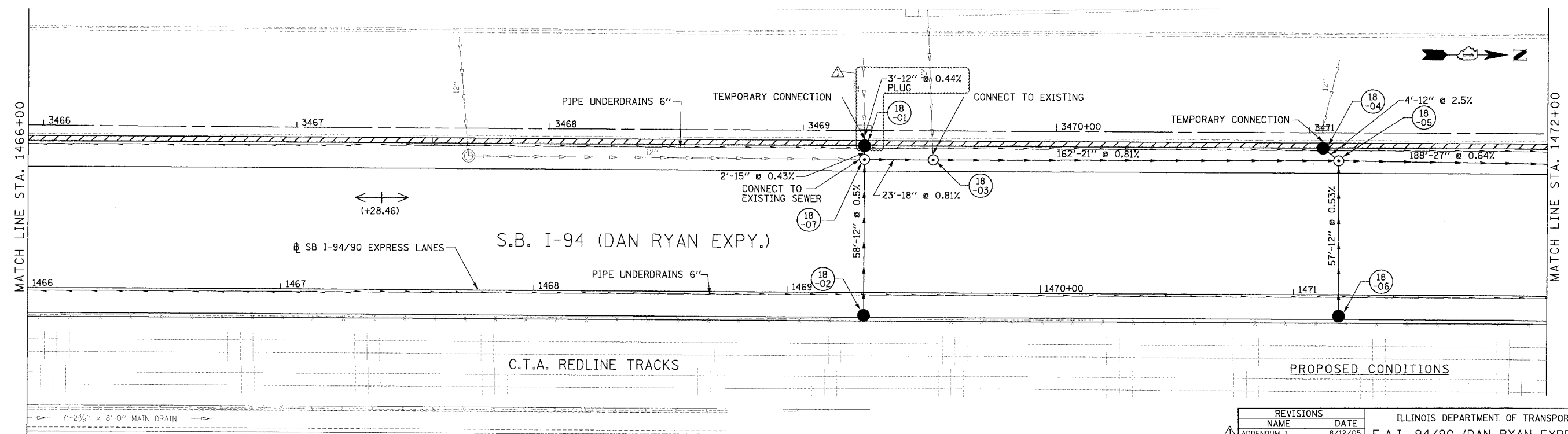
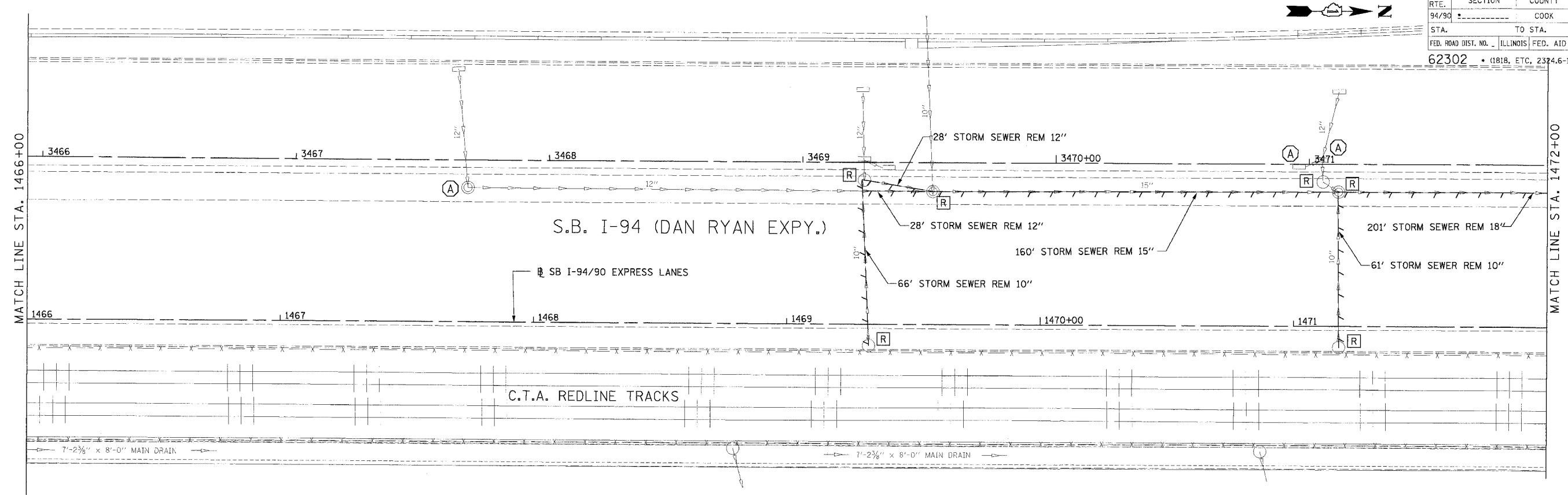
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1460+00 TO STA. 1466+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

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

PROPOSED CONDITIONS

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



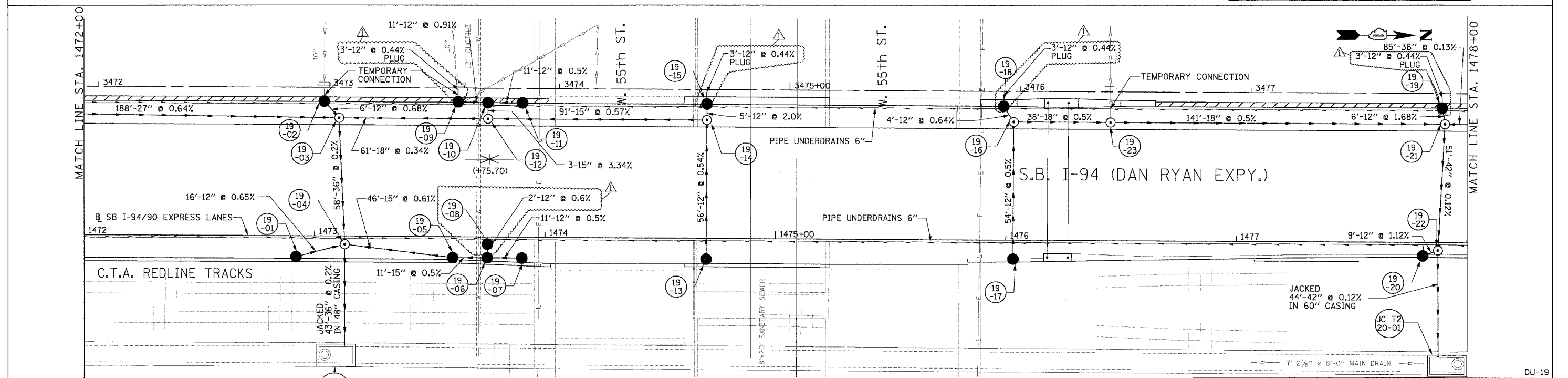
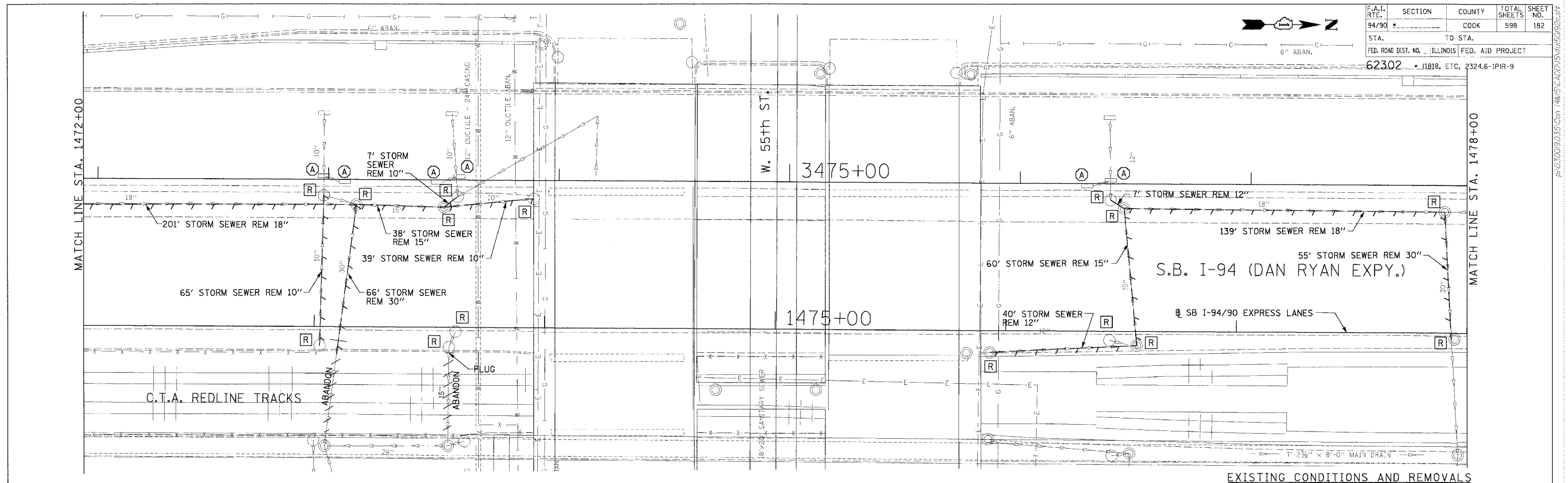
REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1466+00 TO STA. 1472+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

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

DU-18
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F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	598	182
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
62302		(1818, ETC. 2324.6-IPR-9	



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

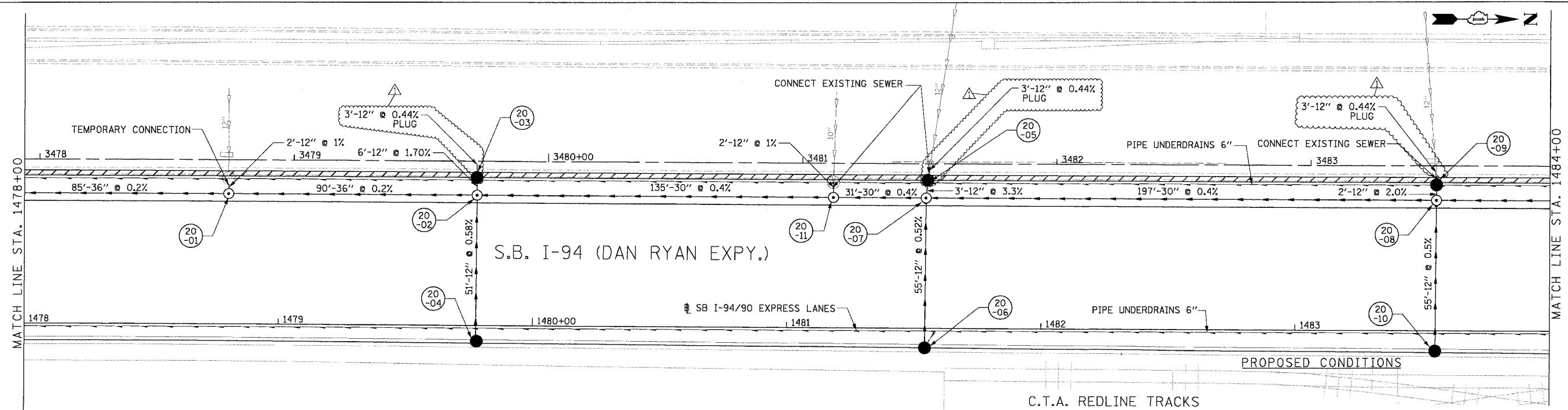
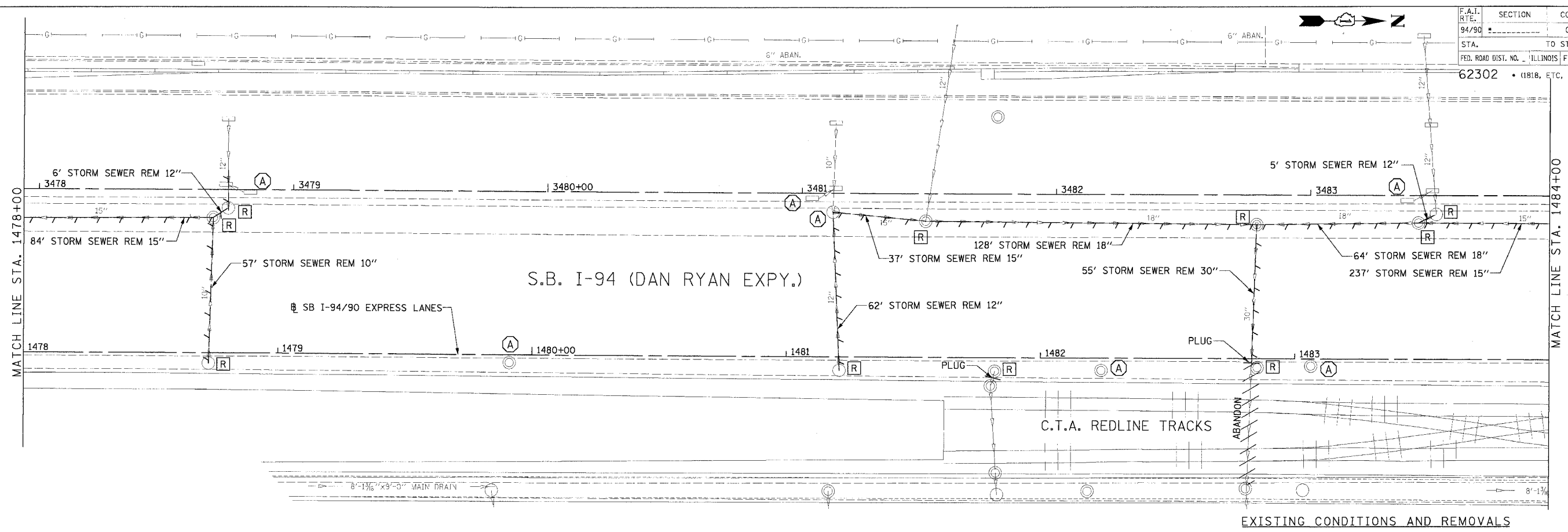
REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1472+00 TO STA. 1478+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

PROPOSED CONDITIONS

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



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

REVISIONS		
NO.	NAME	DATE
1	ADDENDUM 1	8/12/05

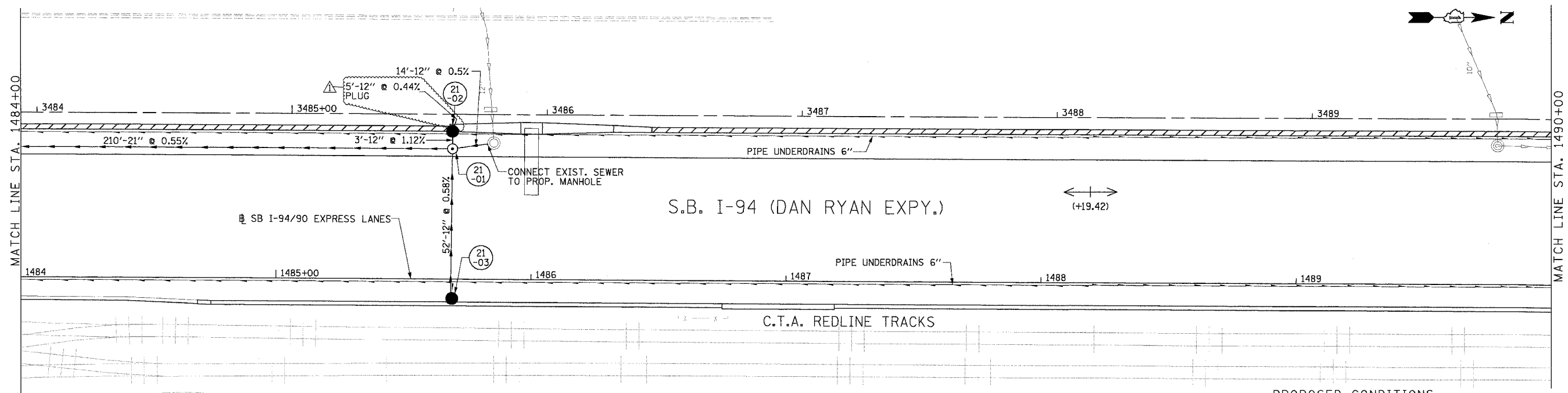
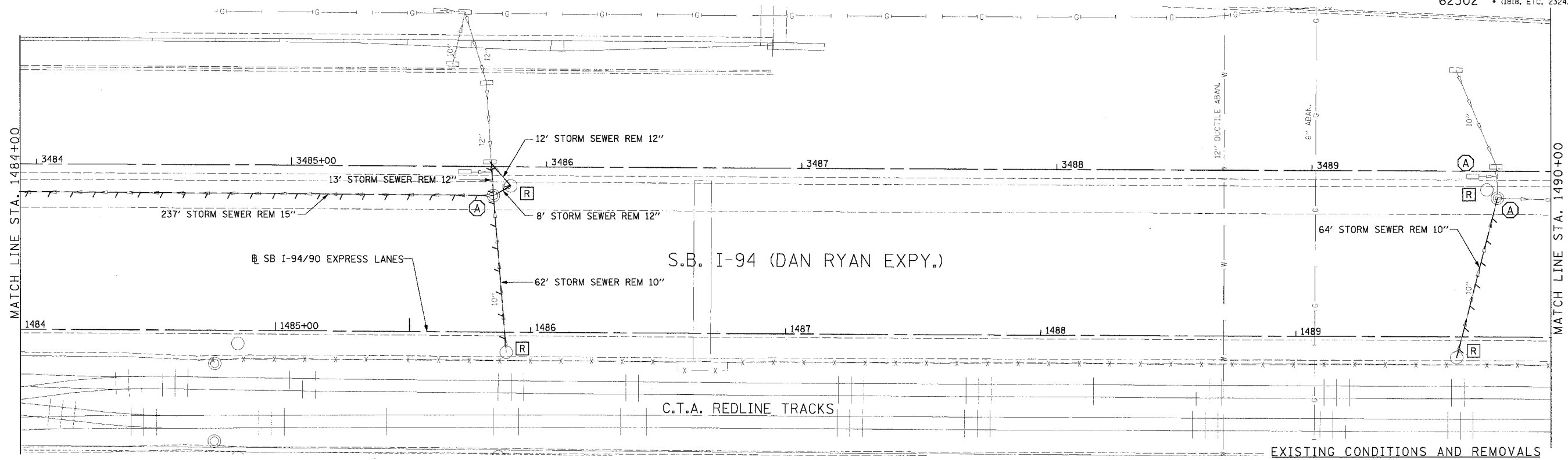
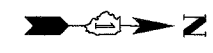
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION

DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1478+00 TO STA. 1484+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/7/05

DRAWN BY: LPN
 CHECKED BY: PJM

1478+00 TO 1484+00
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	184
STA.	TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
62302	181B, ETC, 2324.6-1P/R-9			



REVISIONS		DATE
NAME		
ADDENDUM 1		8/12/05

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

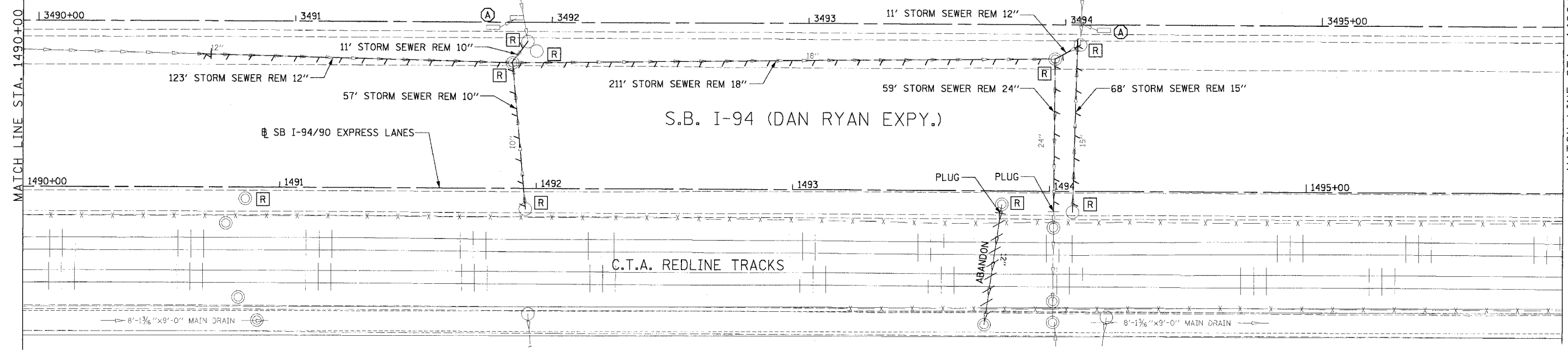
DRAINAGE AND UTILITES PLAN
 SOUTHBOUND STA. 1484+00 TO STA. 1490+00
 SCALE: 1"=20'
 DATE: 7/7/05

DRAWN BY: LPN
 CHECKED BY: PJM

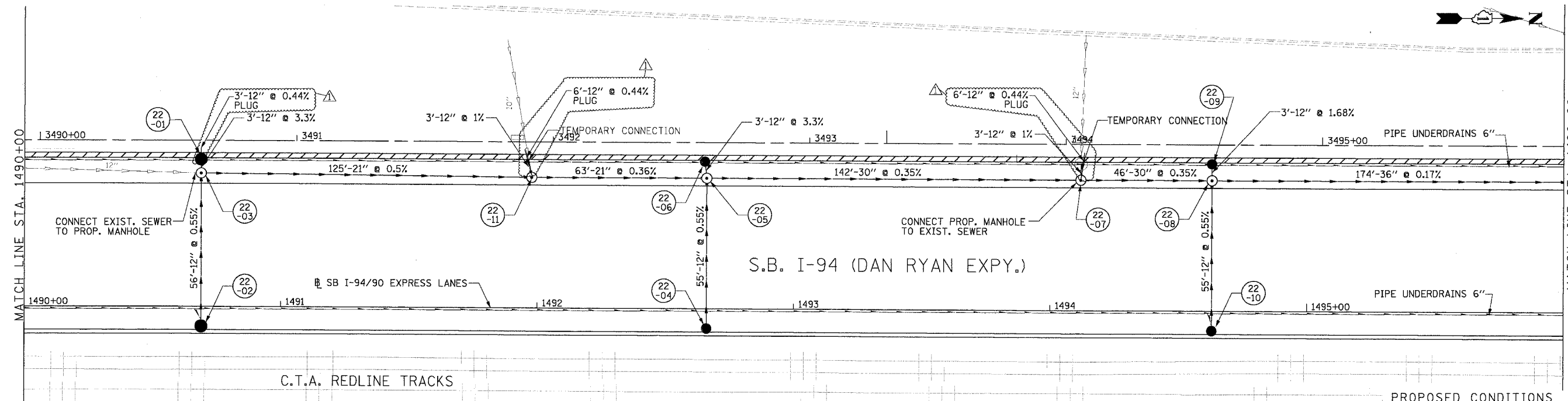
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

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



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

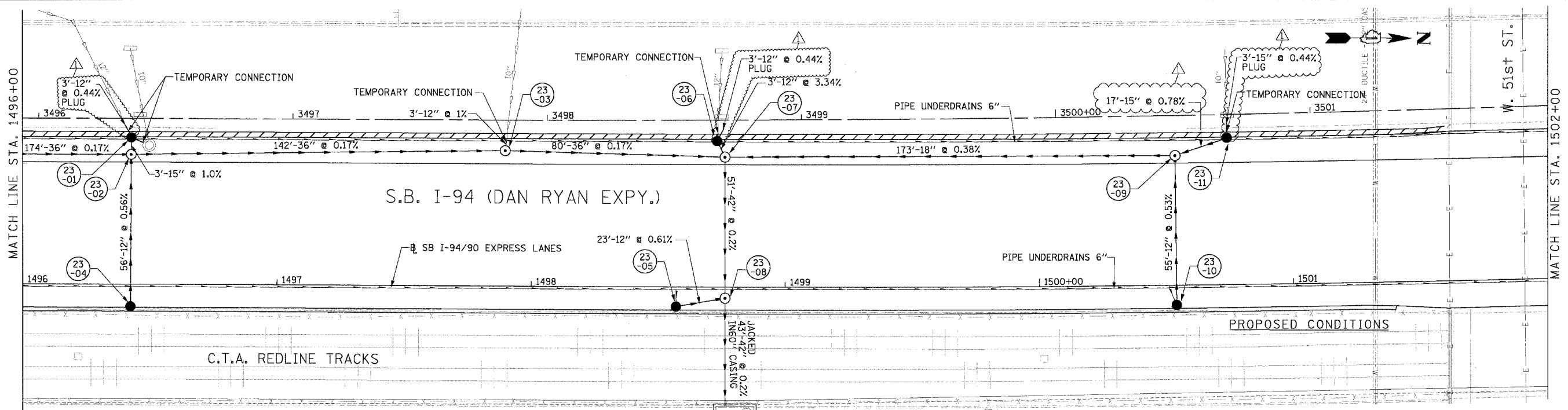
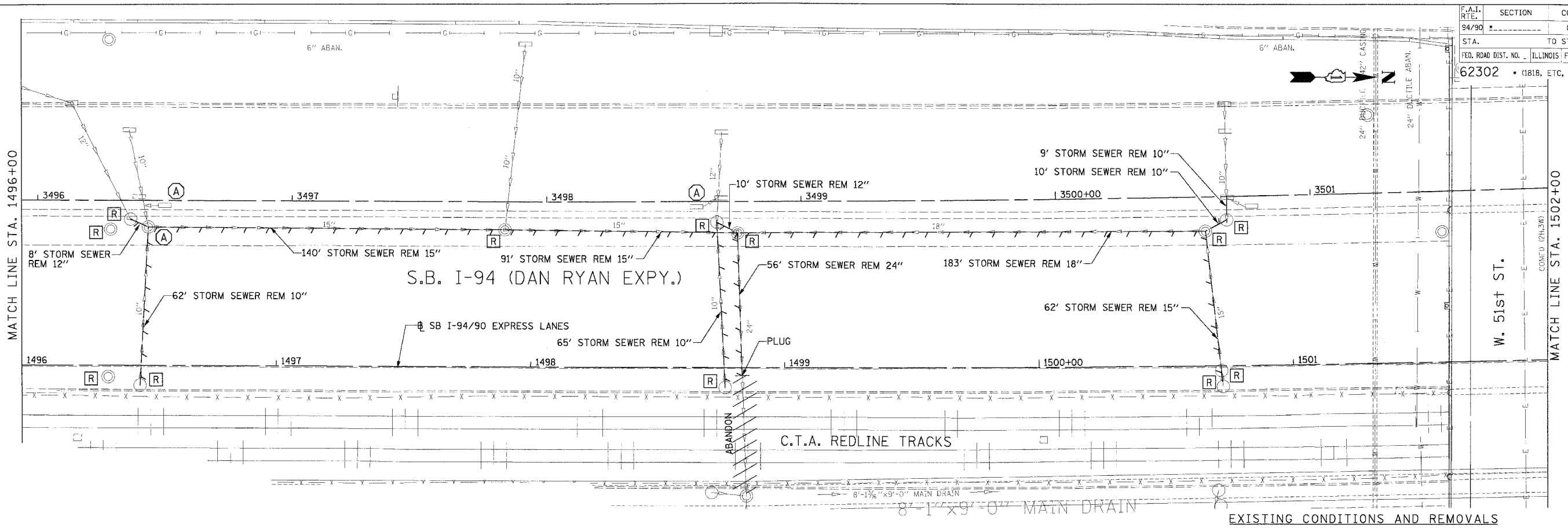
**Edwards
AND Kelcey**
ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1490+00 TO STA. 1496+00
SCALE: 0' 10' 20' 30' 40'
DATE: 7/7/05
DRAWN BY: LPN
CHECKED BY: PJM

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



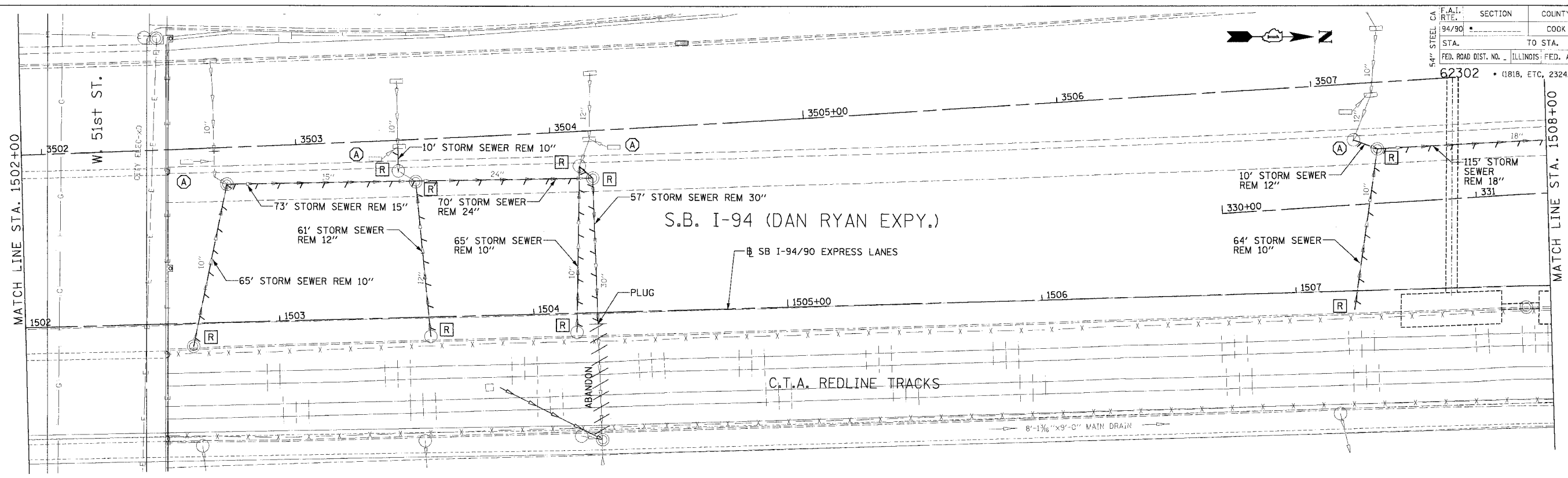
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1496+00 TO STA. 1502+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/1/05
 DRAWN BY: LPN
 CHECKED BY: PJM

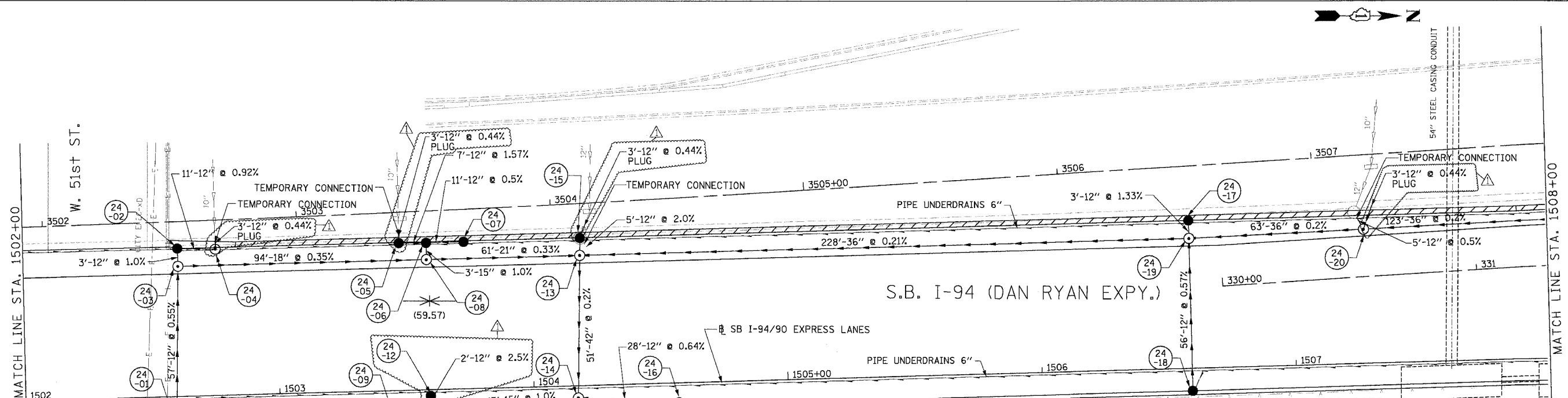
**Edwards
 and Kelcey**
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

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

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



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

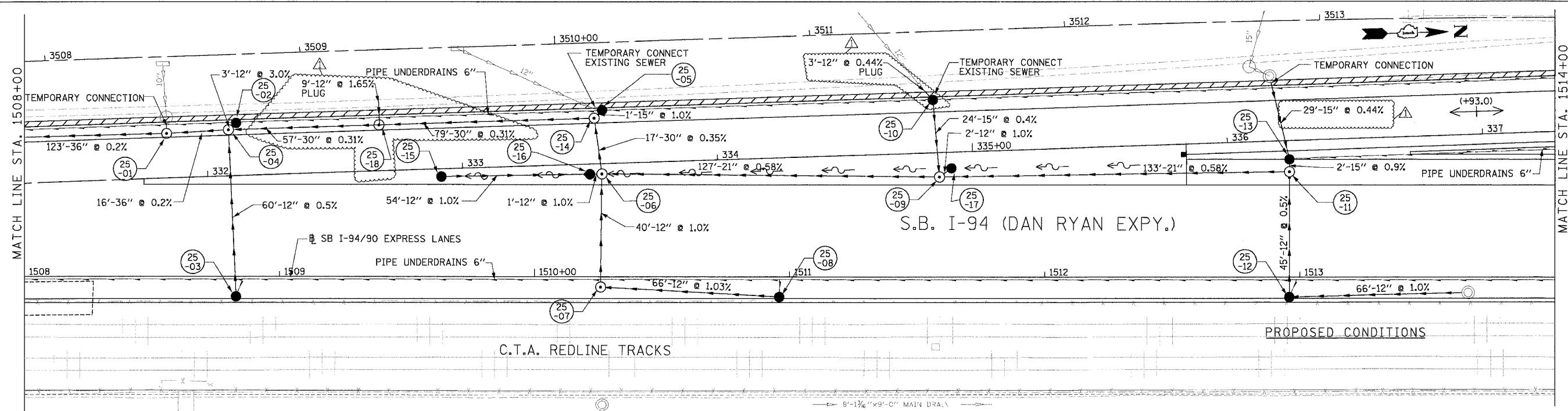
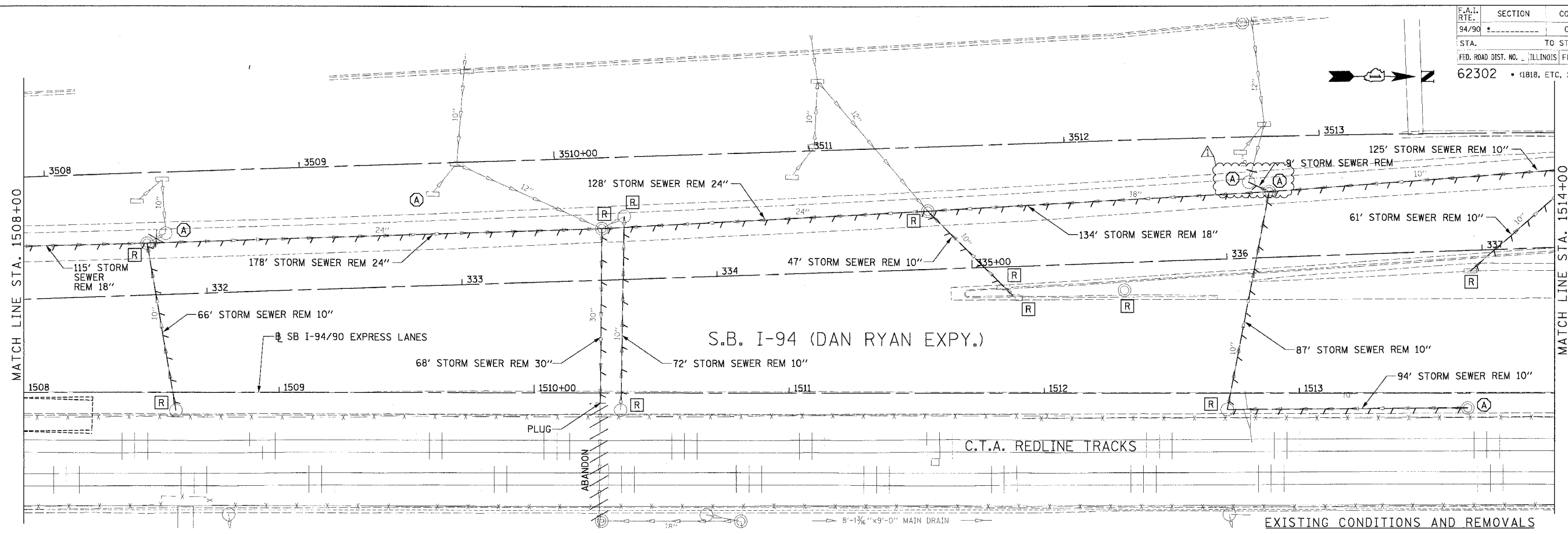
REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1502+00 TO STA. 1508+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/1/05
 DRAWN BY: LPN
 CHECKED BY: PJM

Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
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08/11/2005 02:36:49 PM

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



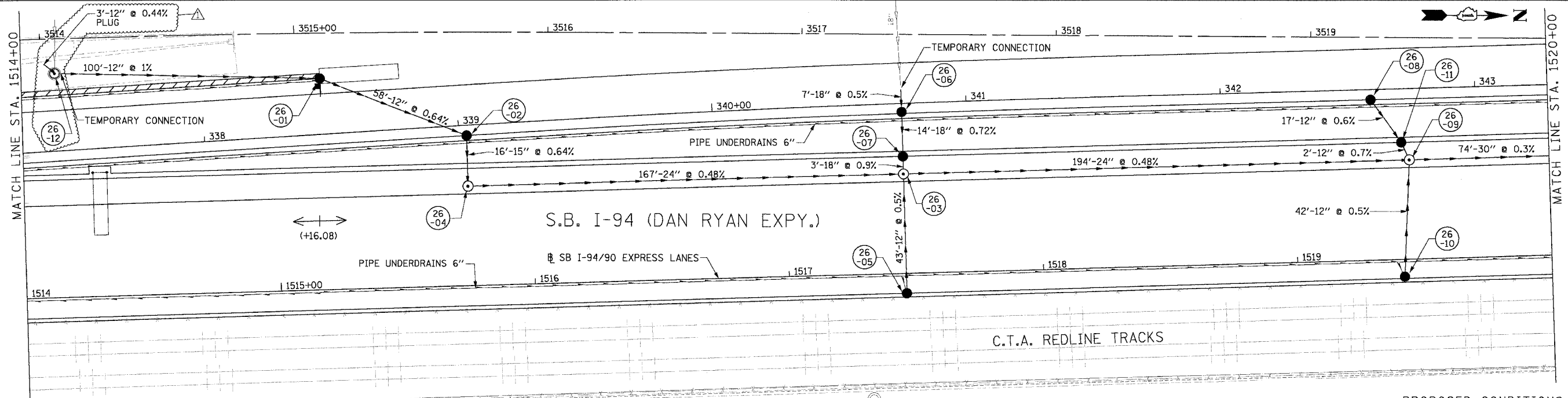
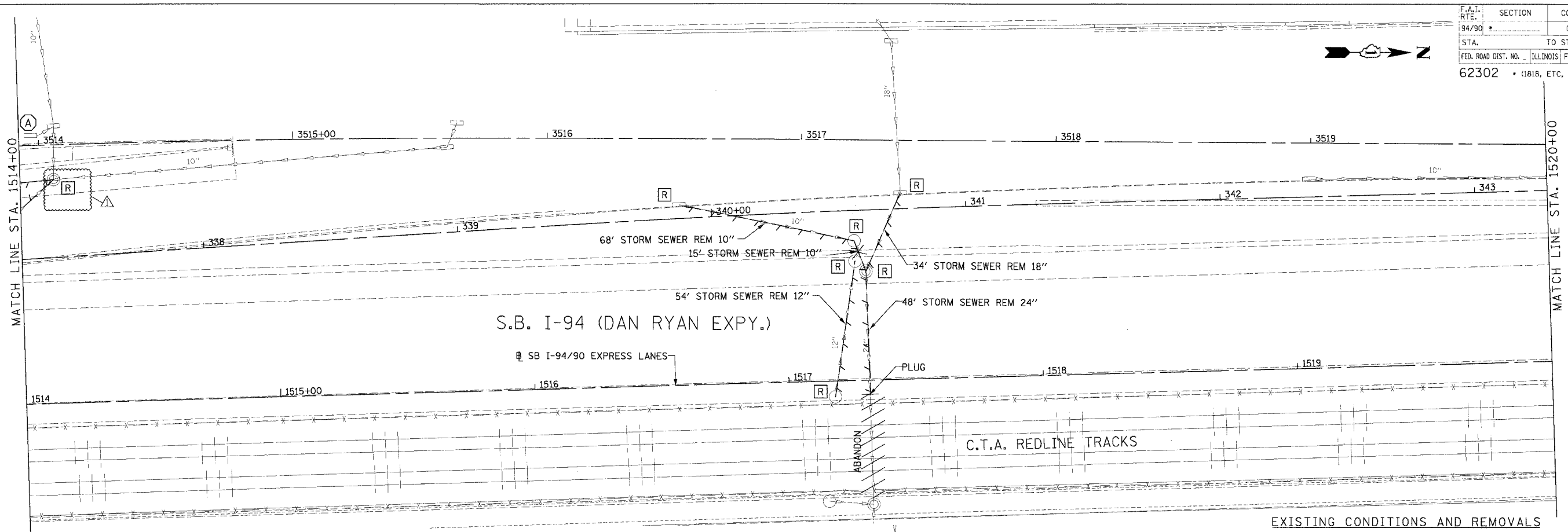
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1508+00 TO STA. 1514+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

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

DU-25
 08/11/2005 02:39:26 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	189
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	11818, ETC, 2324.6-1PIR-9			



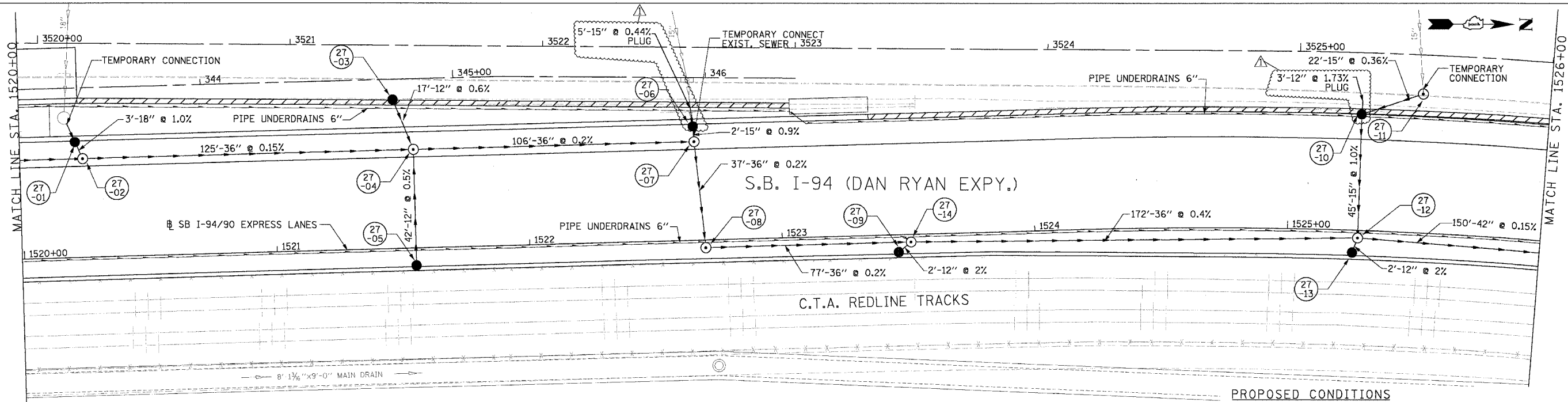
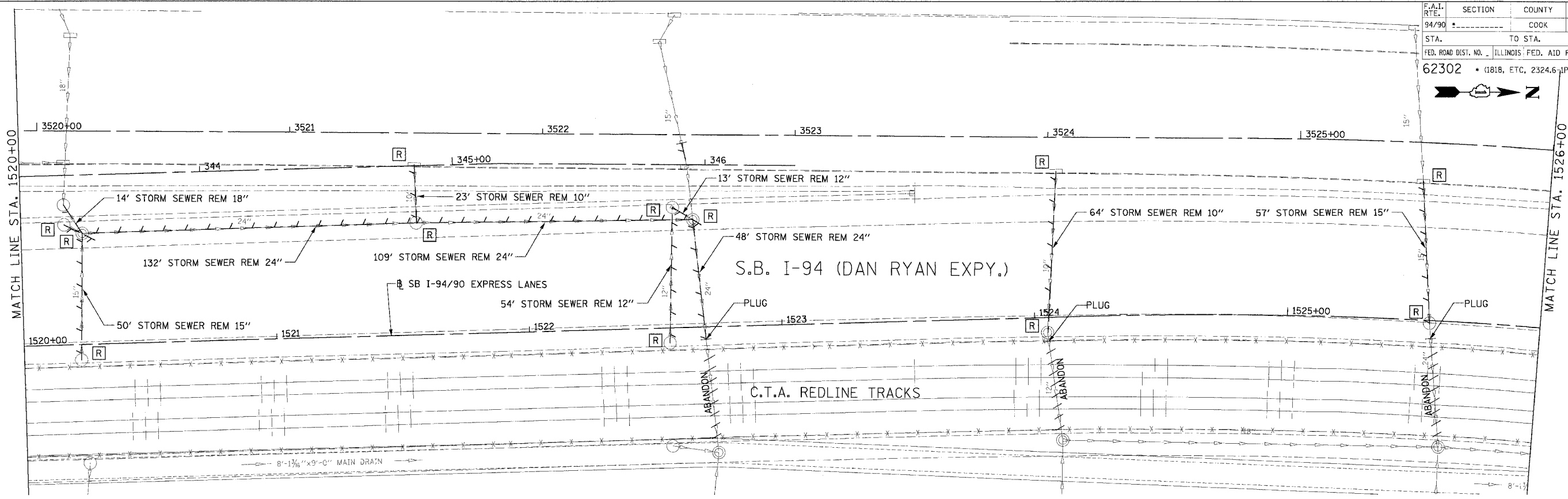
Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1514+00 TO STA. 1520+00
 SCALE: 0' 10' 20' 30' 40'
 DATE: 7/1/05
 DRAWN BY: LPN
 CHECKED BY: PJM

08/11/2005 02:40:15 PM

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



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

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

DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1520+00 TO STA. 1526+00

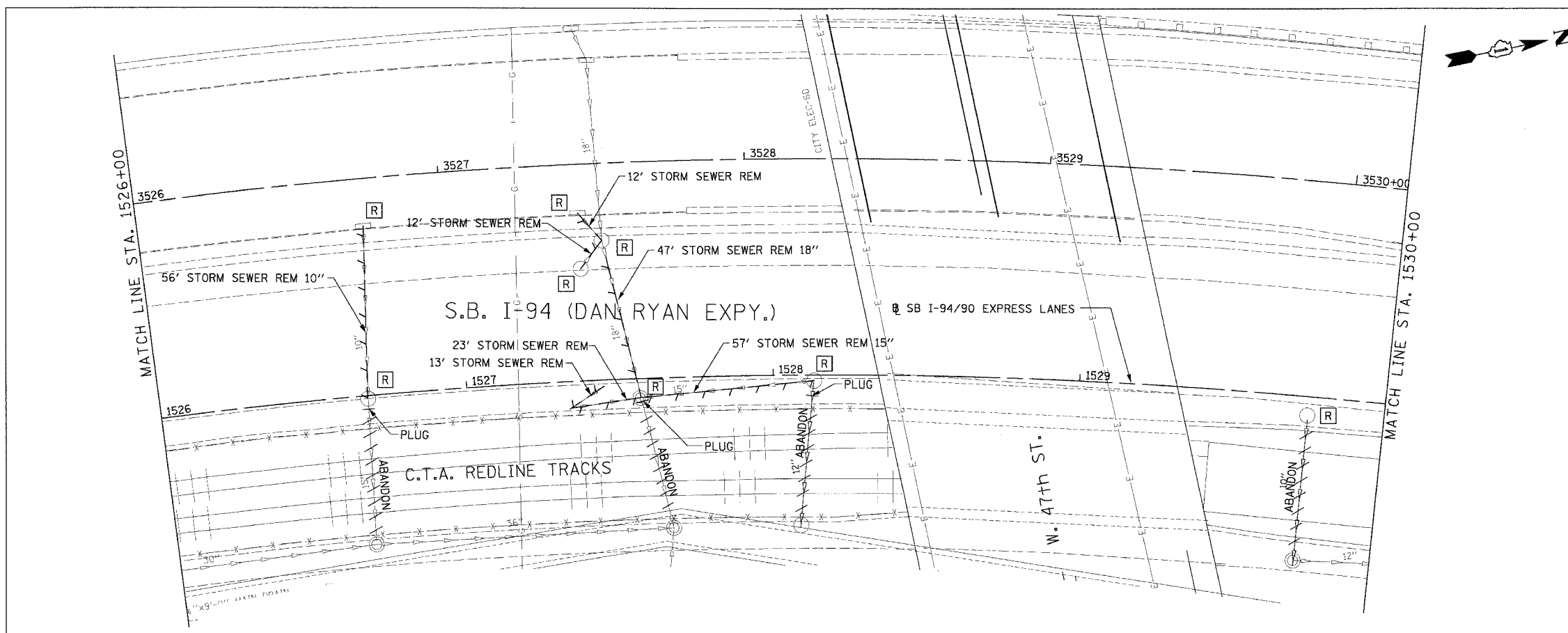
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DATE: 7/7/05

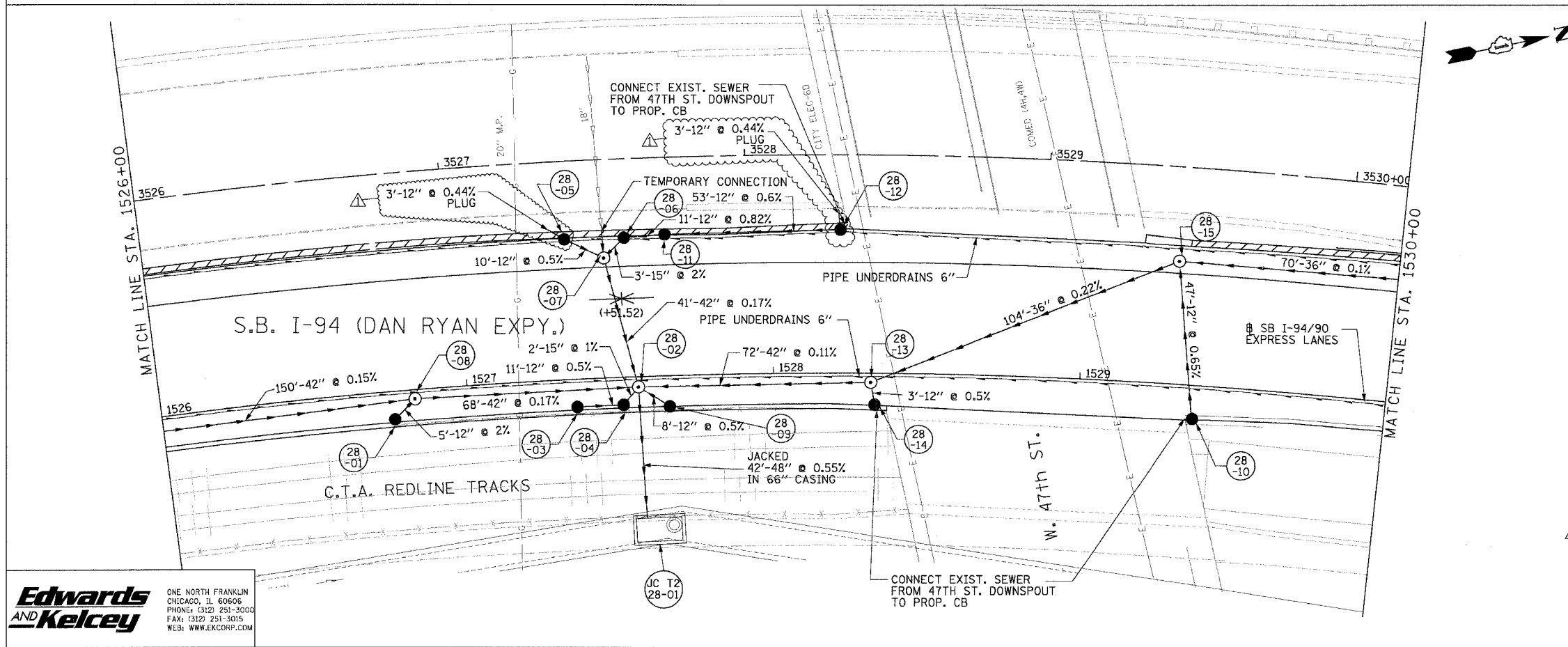
DRAWN BY: LPN
 CHECKED BY: PJM

DU-27
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F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 191
STA. 62302		TO STA. • (1818, ETC, 2324.6-1)PR-9		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXISTING CONDITIONS AND REMOVALS



PROPOSED CONDITIONS

DU-28

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

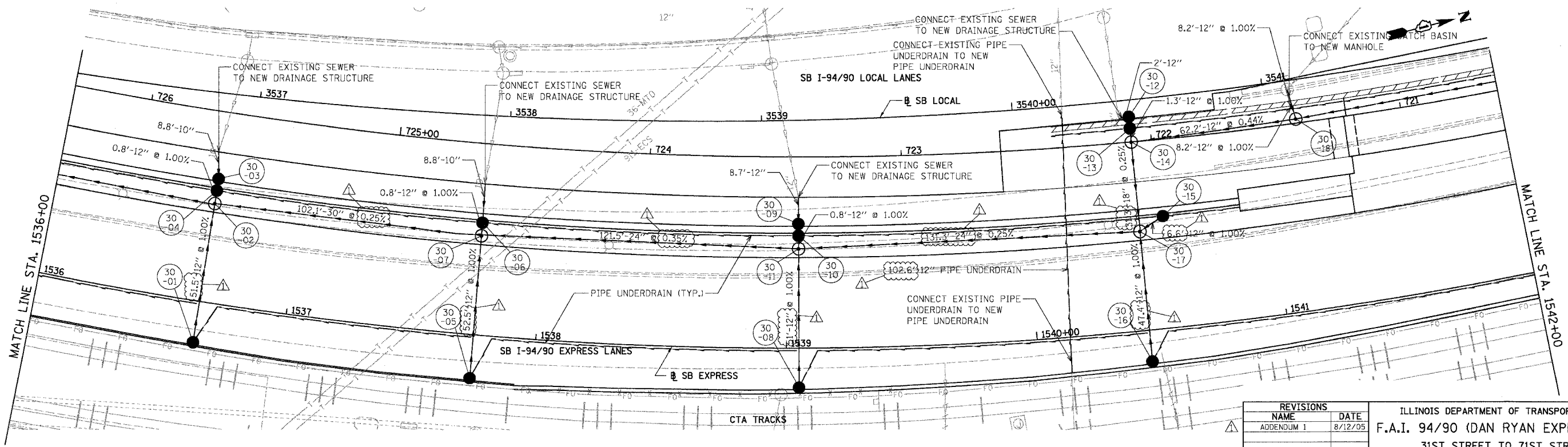
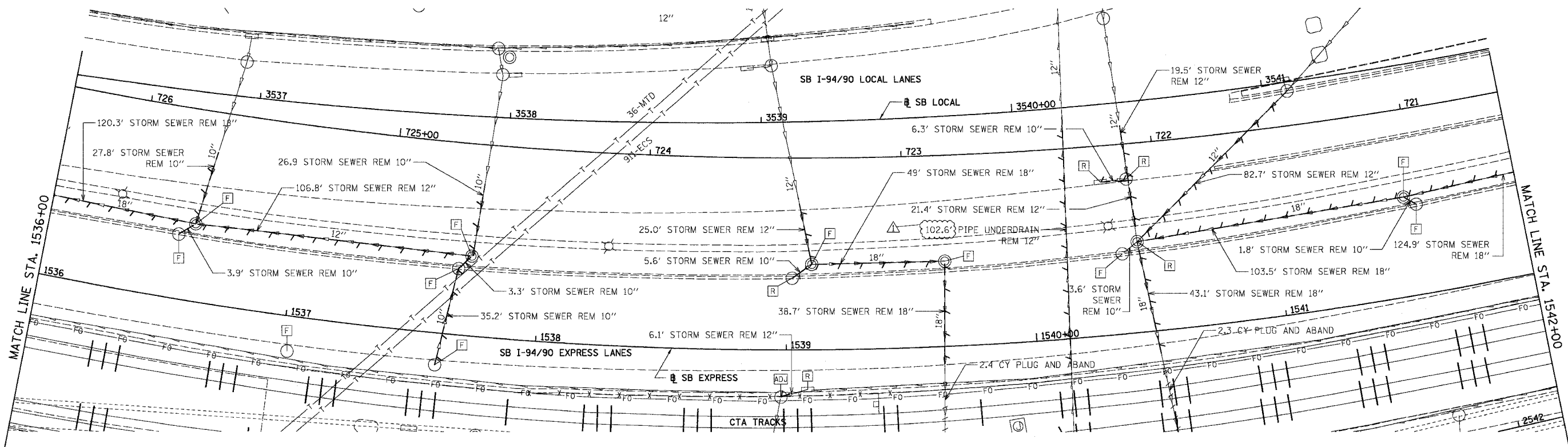
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE AND UTILITIES PLAN
 SOUTHBOUND STA. 1526+00 TO STA. 1530+00
 SCALE: 1"=20'
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

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 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
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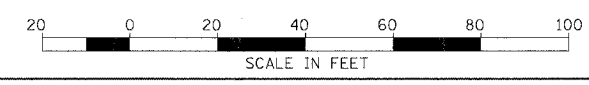
P:\03\6090\90\35\Con\148\50-ADD\UTILITIES\DU-28.dwg
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EXISTING CONDITIONS & REMOVALS

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



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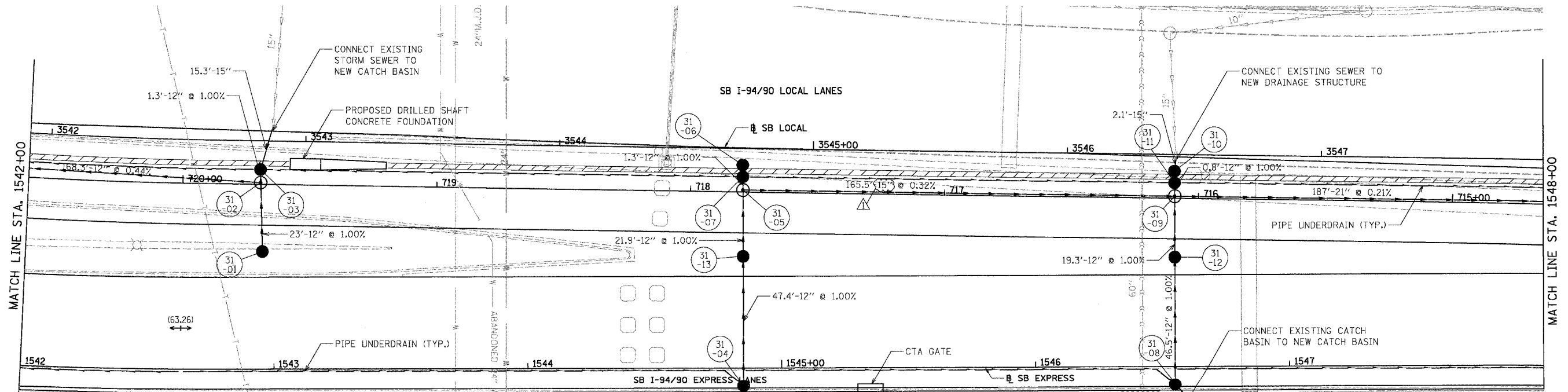
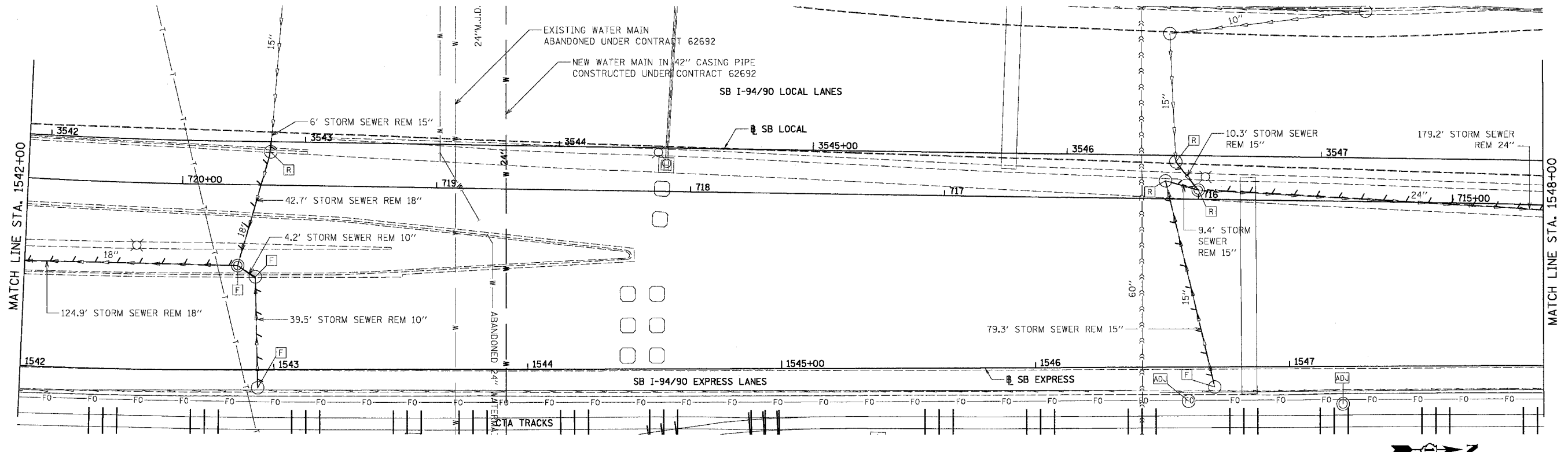
REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1536+00 TO STA. 1542+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

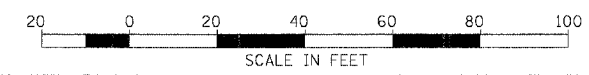
DU-30
11/4/2005

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	194
STA.	TO STA.			
62302	1818, ETC, 2324.6-1P1R-9			



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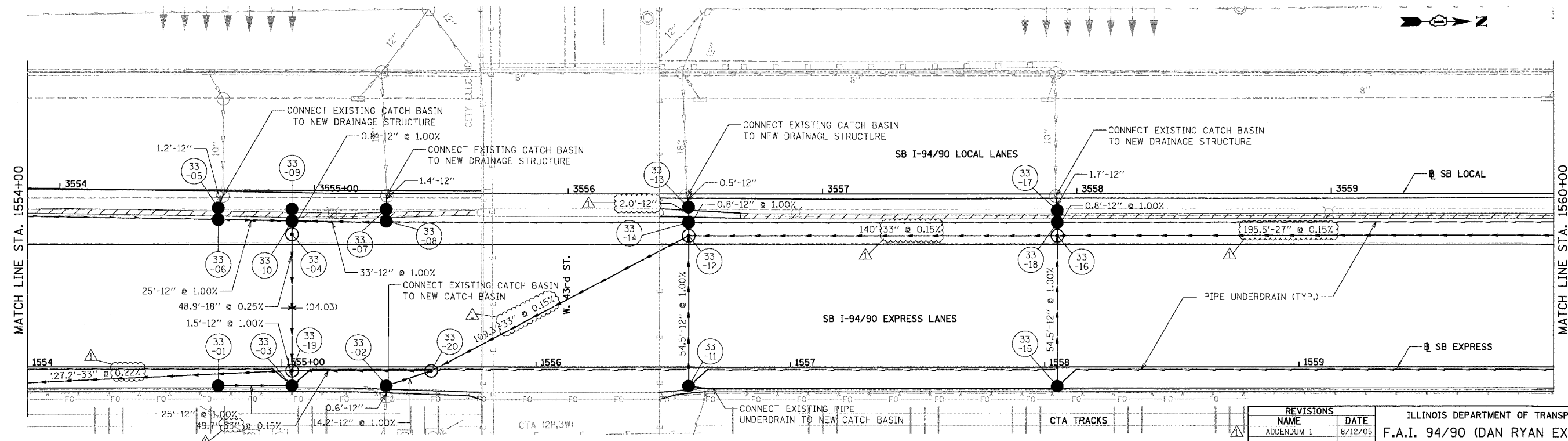
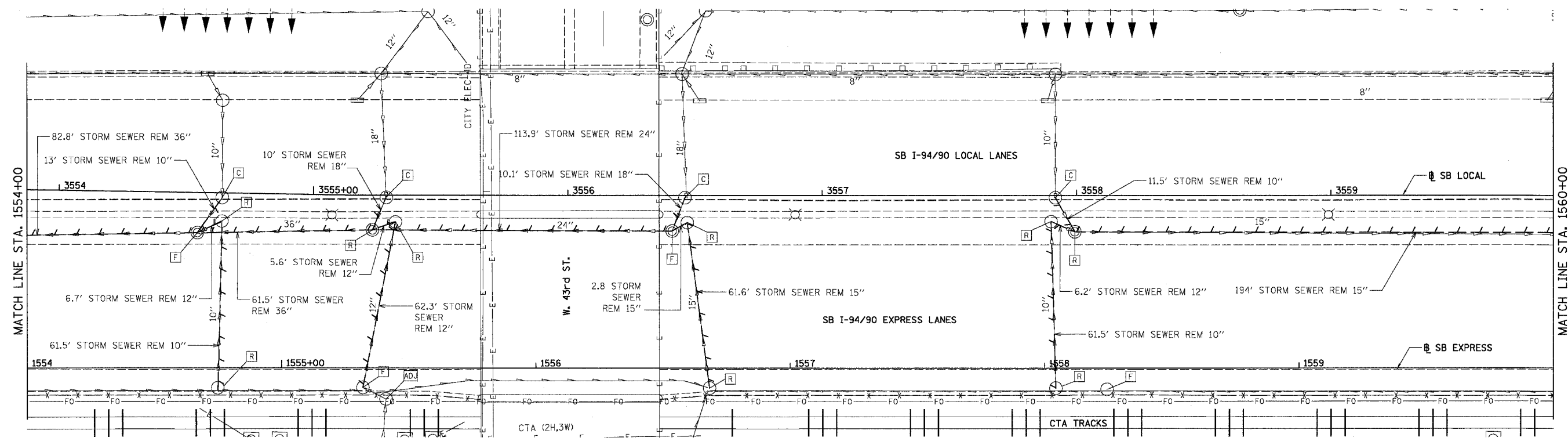
REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1542+00 TO STA. 1548+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

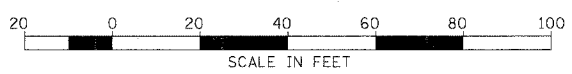
DU-31
11/16/05

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	196
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		181B, ETC, 2324.6-1PR-9		



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PROPOSED CONDITIONS

REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

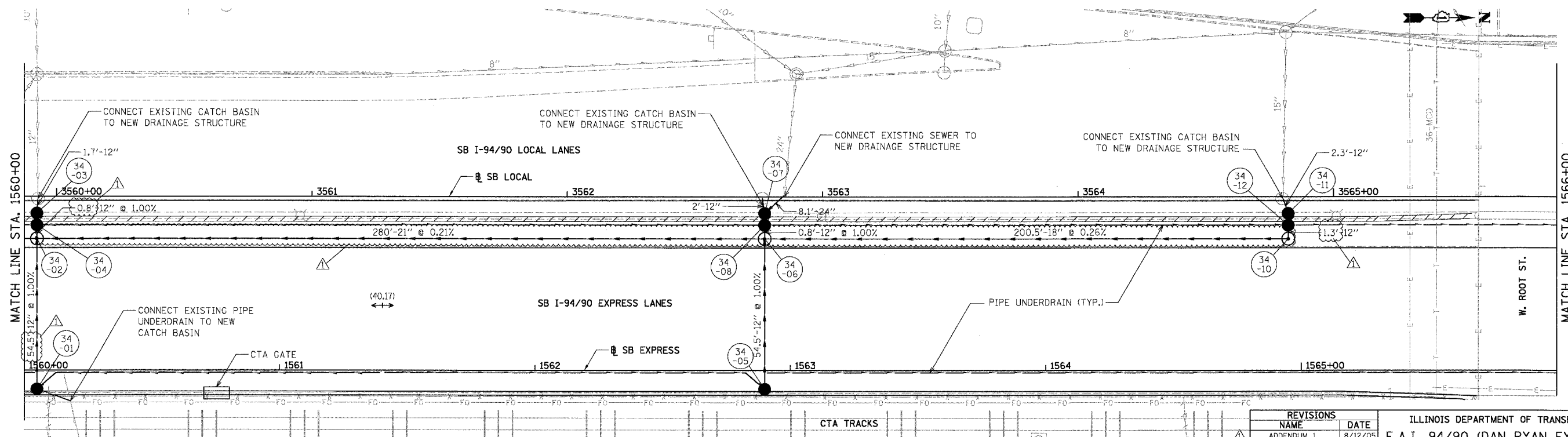
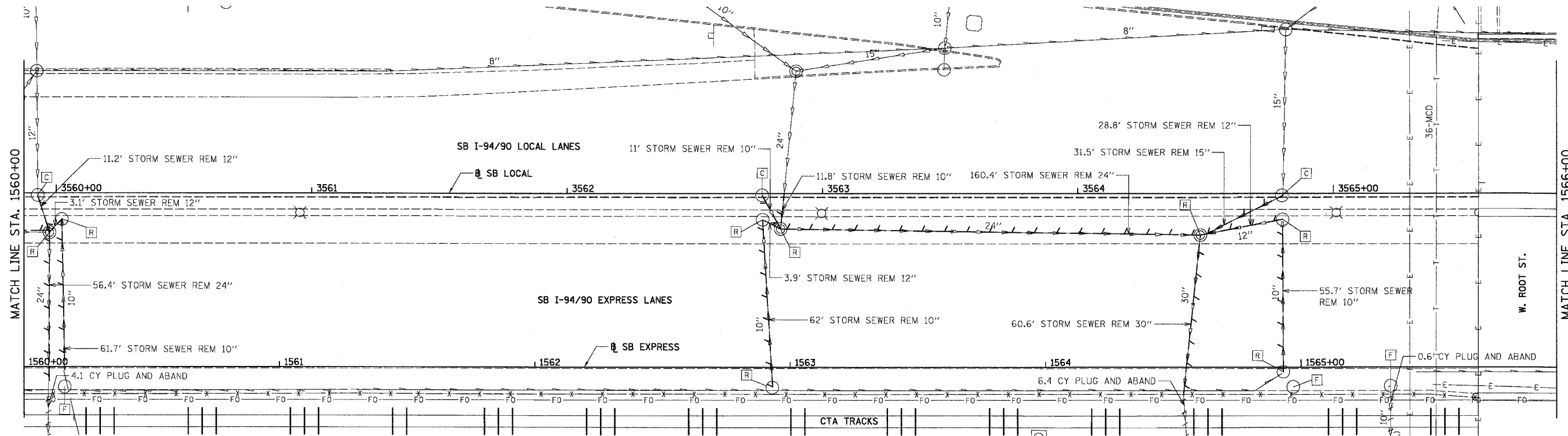
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1554+00 TO STA. 1560+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

DU-33

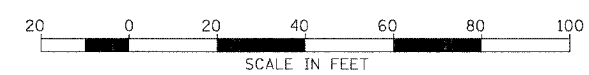
11/5/2005

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	197
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	• (1818, ETC, 2324.6-1P1R-9			



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PROPOSED CONDITIONS

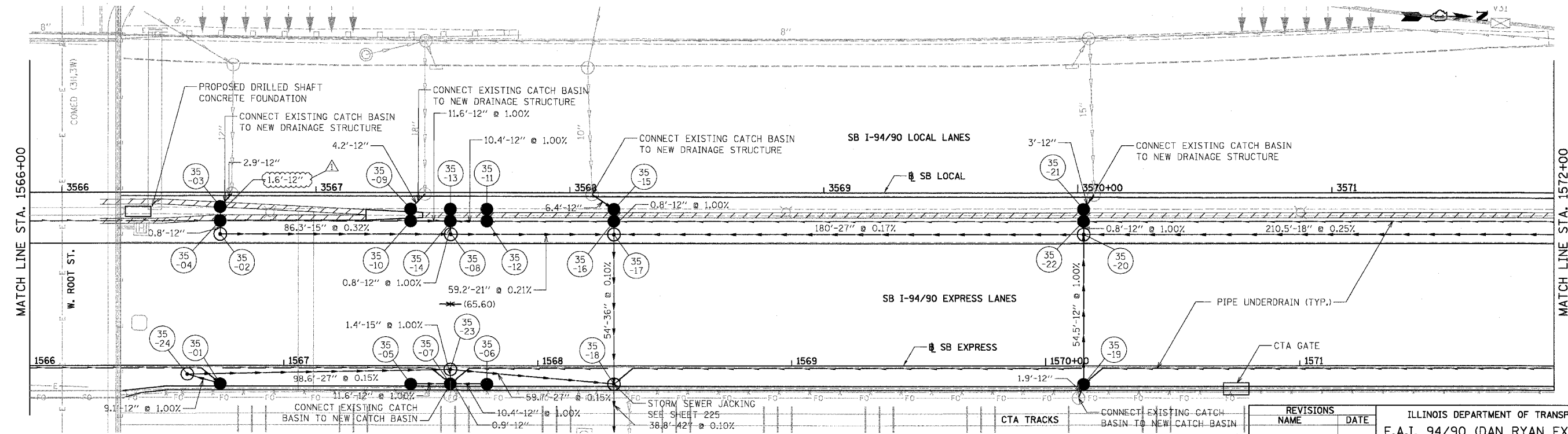
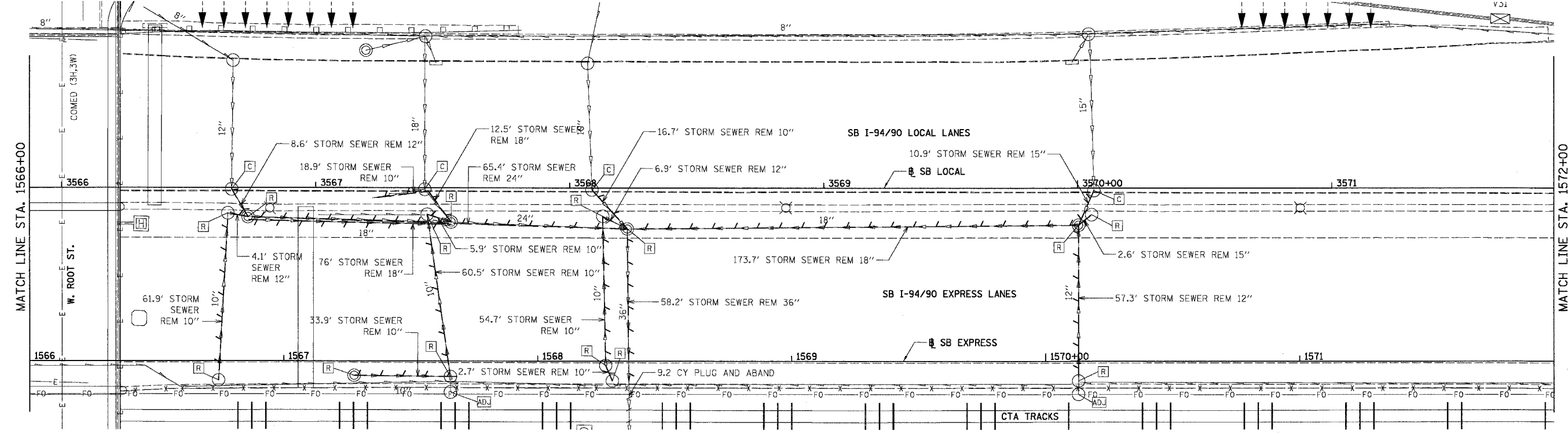
REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

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

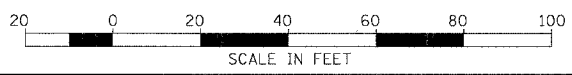
DU-34
12/20/05 12:03:51 PM

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	198
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		* (1818, ETC, 2324.6-1PR-9		



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PROPOSED CONDITIONS

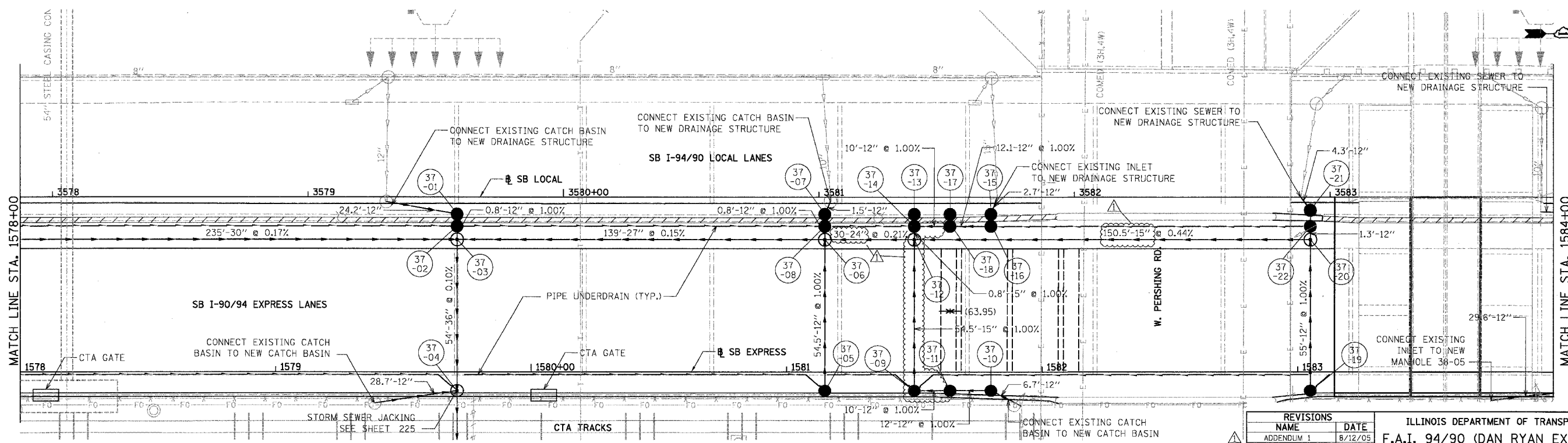
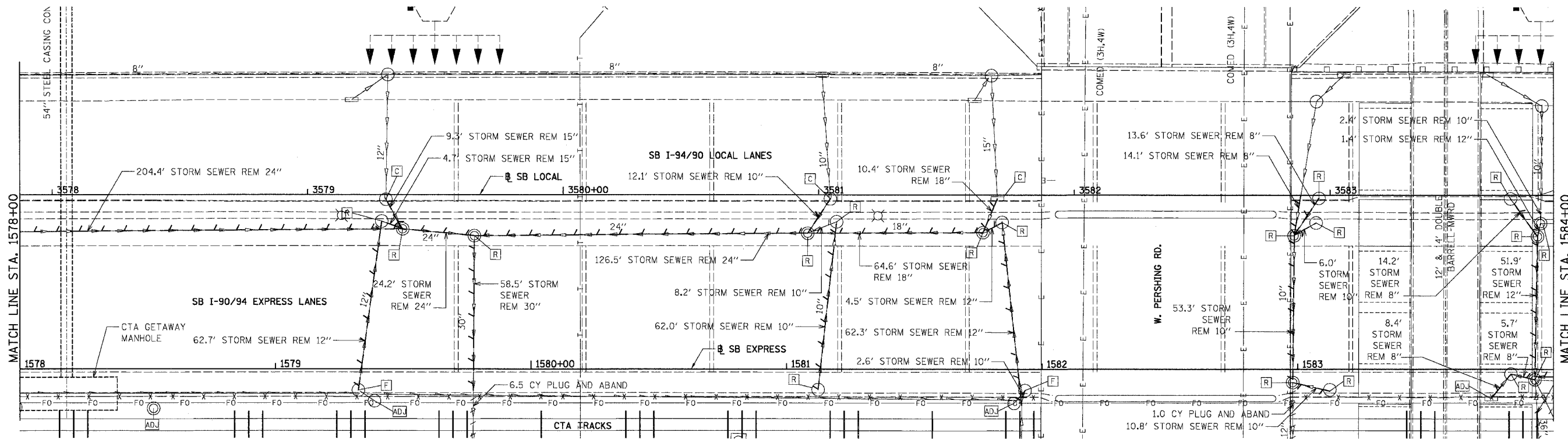
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1566+00 TO STA. 1572+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DOM

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

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	200
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62302		* (1818, ETC, 2324.6-1PR-9		



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PROPOSED CONDITIONS

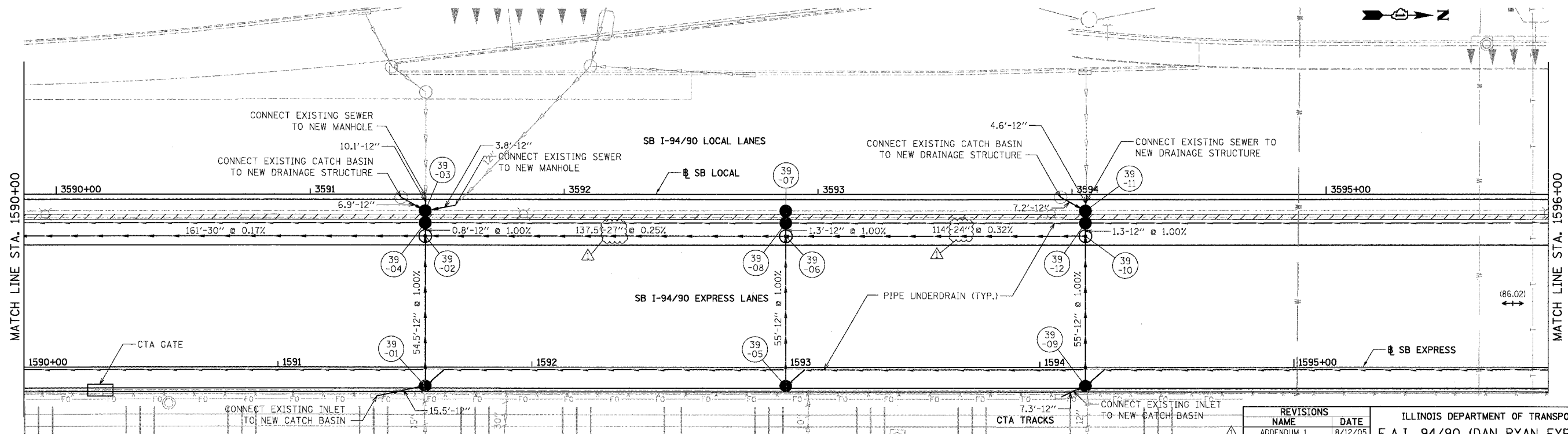
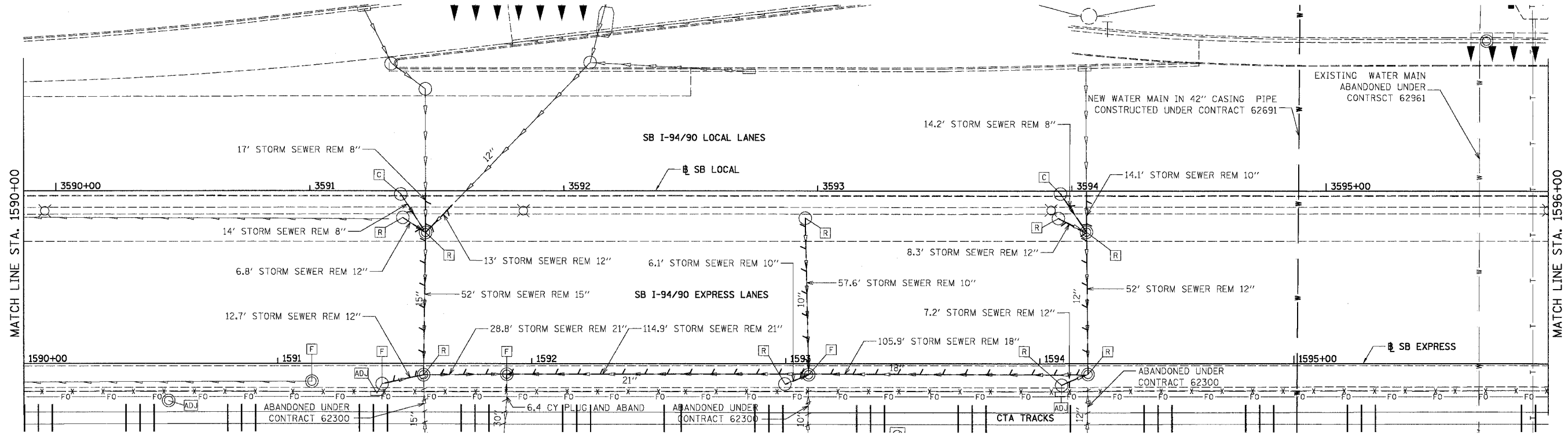
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1578+00 TO STA. 1584+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

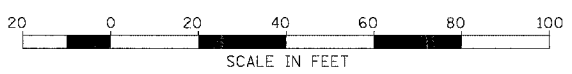
DU-37
8/11/2005

EXISTING CONDITIONS & REMOVALS

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



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PROPOSED CONDITIONS

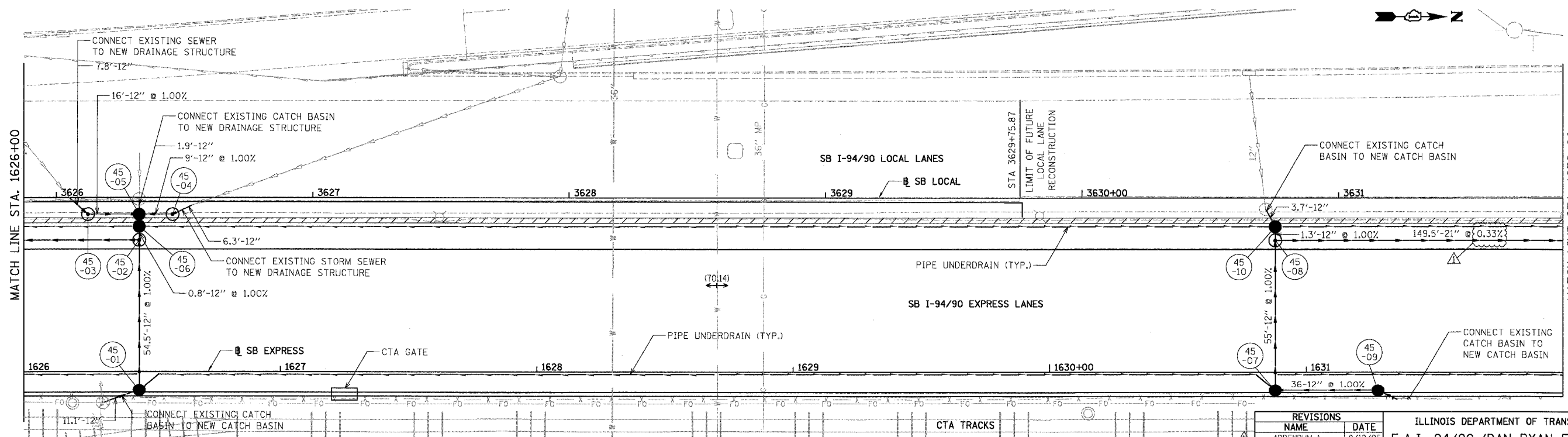
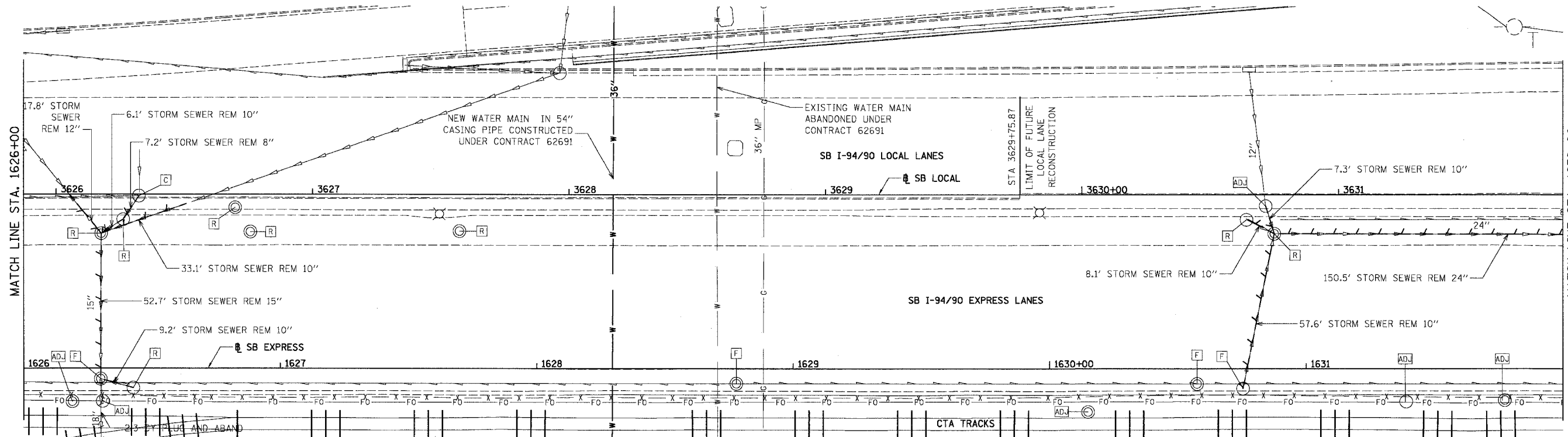
REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

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

DU-39
12/3/07 PM

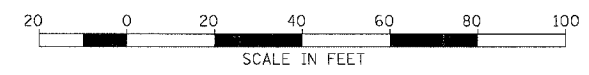
EXISTING CONDITIONS & REMOVALS

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



REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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



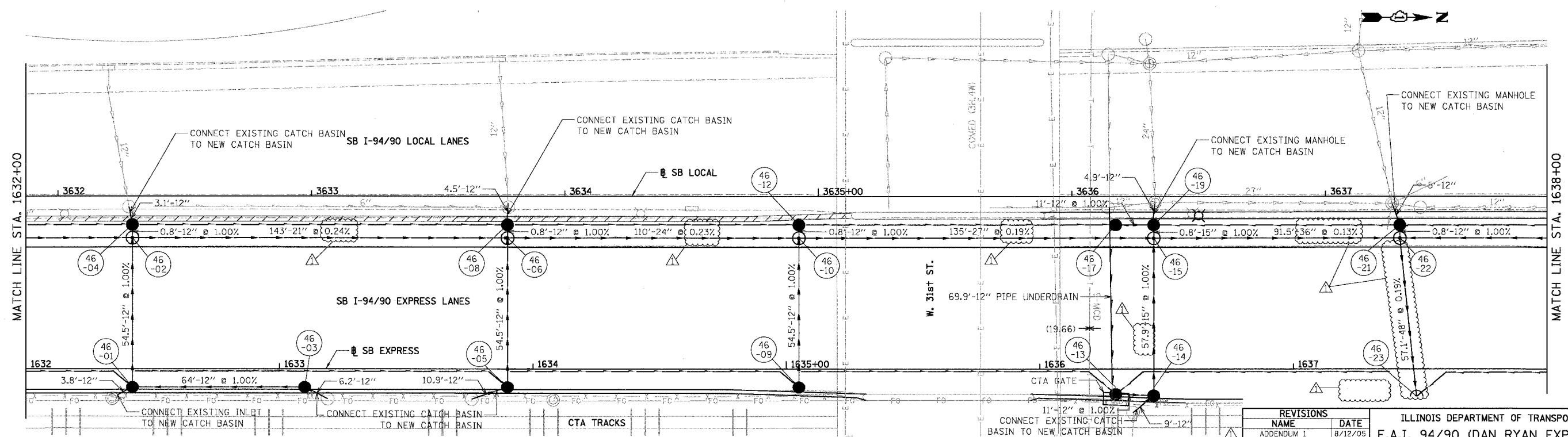
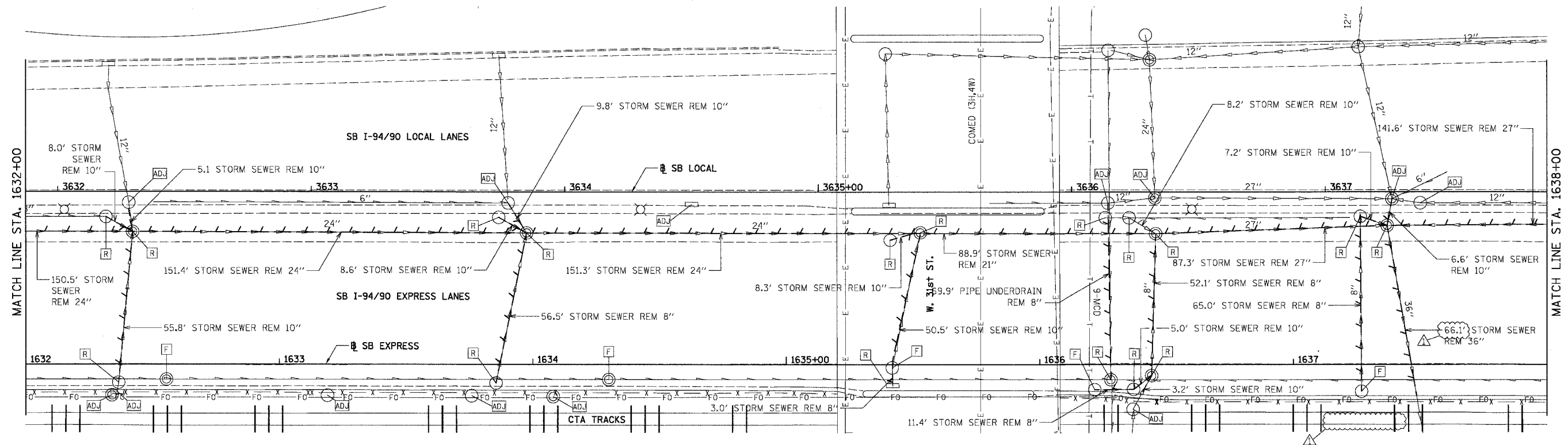
PROPOSED CONDITIONS

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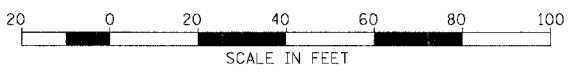
DU-45
 12-16-05 PM

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	209
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	1818, ETC, 2324.6-1PIR-9			



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REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

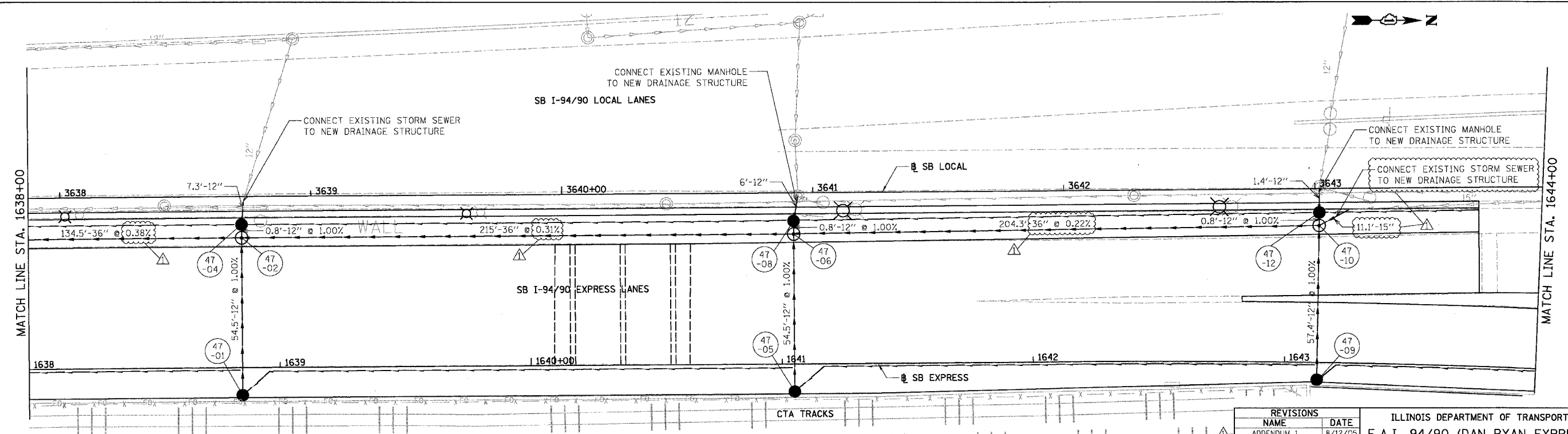
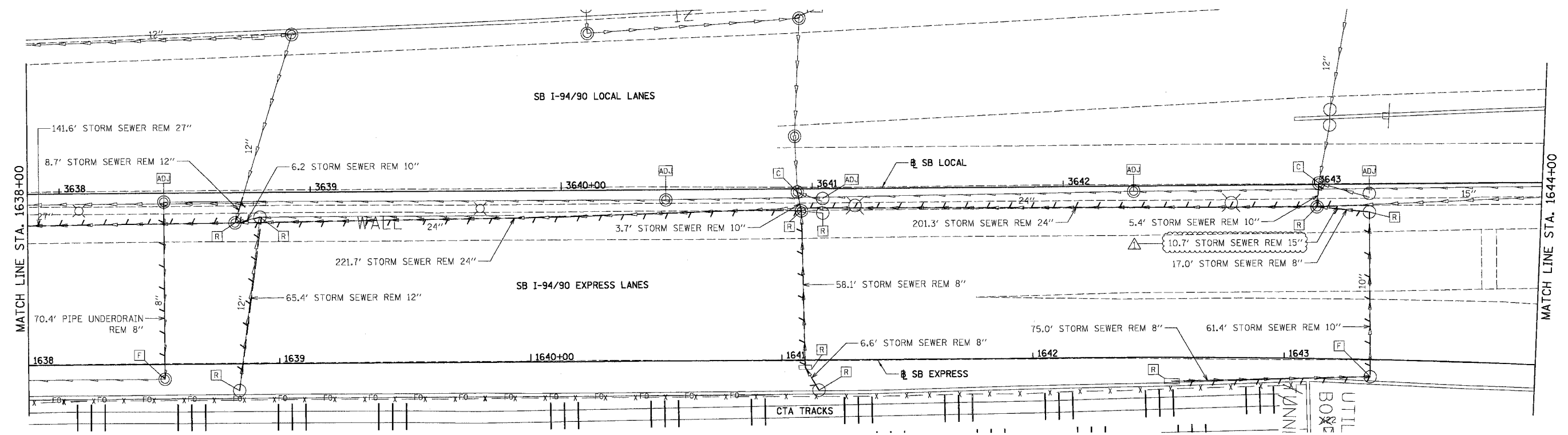
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
DRAINAGE AND UTILITIES PLAN
SOUTHBOUND STA. 1632+00 TO STA. 1638+00
SCALE: 1"=20'
DATE: 07/07/05
DRAWN BY: OC
CHECKED BY: DDM

PROPOSED CONDITIONS

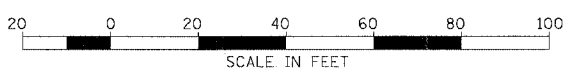
DU-46
12/27/2017

EXISTING CONDITIONS & REMOVALS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	210
STA. TO STA.		ILLINOIS FED. AID PROJECT		
62302		11818, ETC, 2324.6-1P1R-9		



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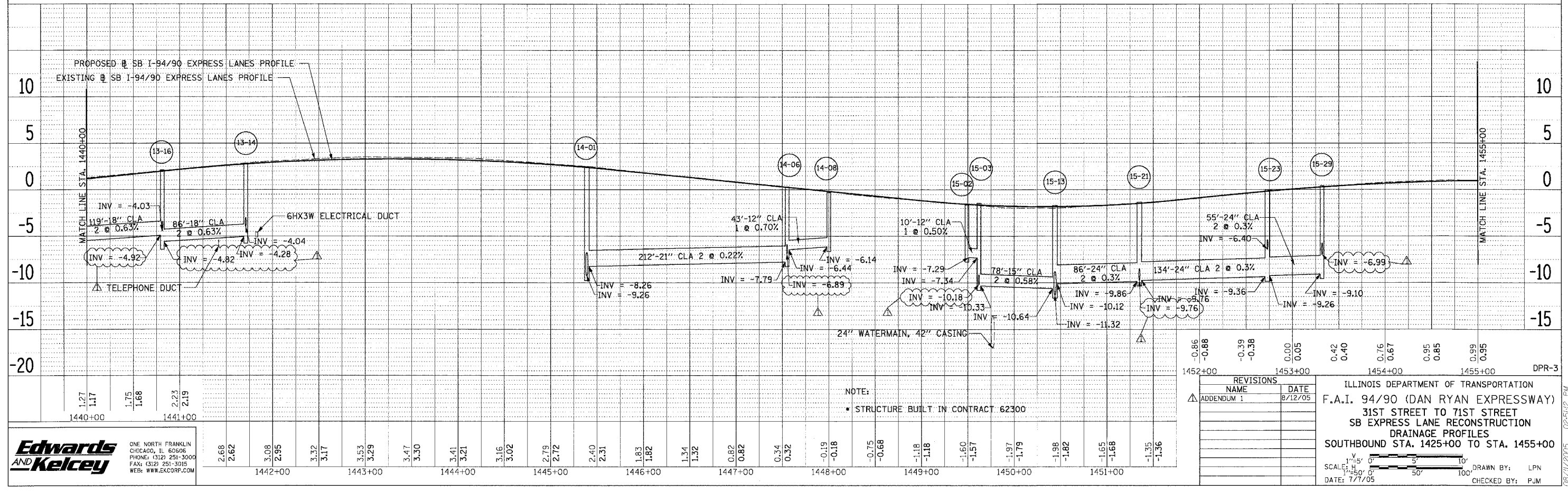
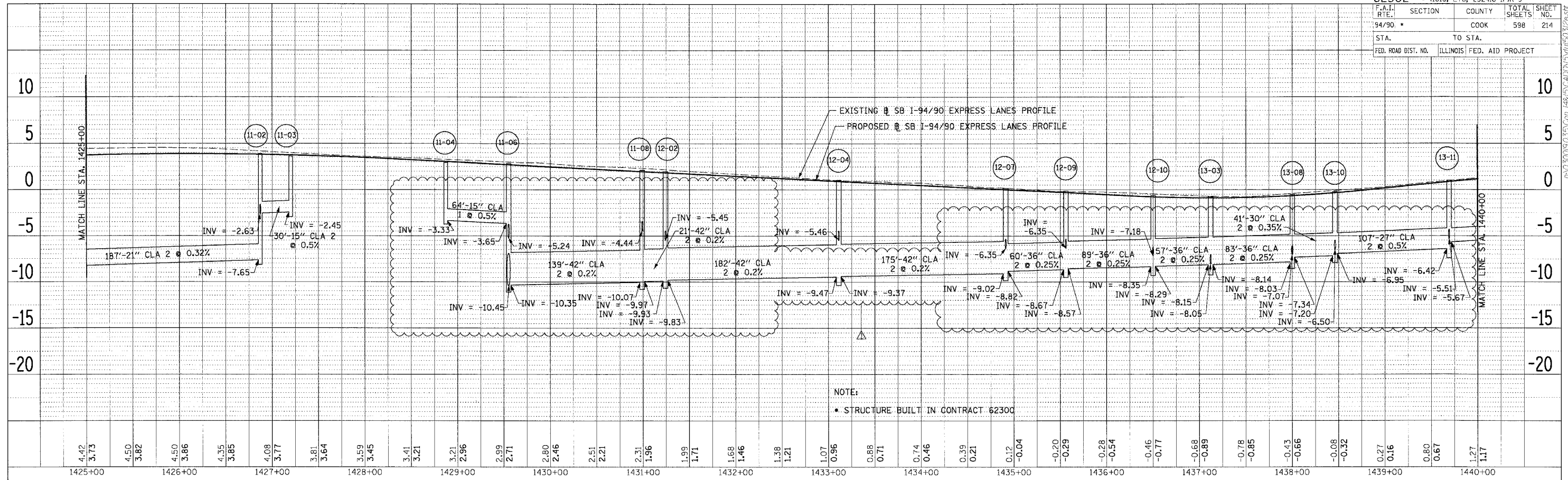
PROPOSED CONDITIONS

REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

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

DU-47

12.5.2005 PM 8/17/2005



DATE	
BY	
CHECKED	
APPROVED	
DESIGNED	
DRAWN	
NOTED	
FILED	

DATE	
BY	
CHECKED	
APPROVED	
DESIGNED	
DRAWN	
NOTED	
FILED	

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

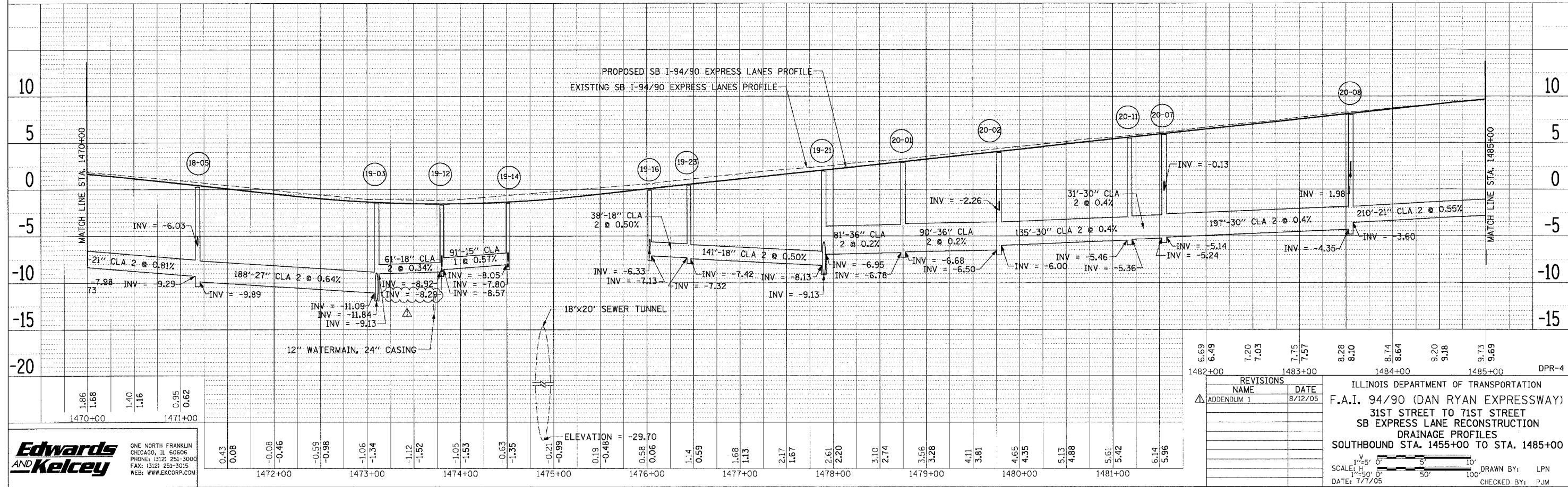
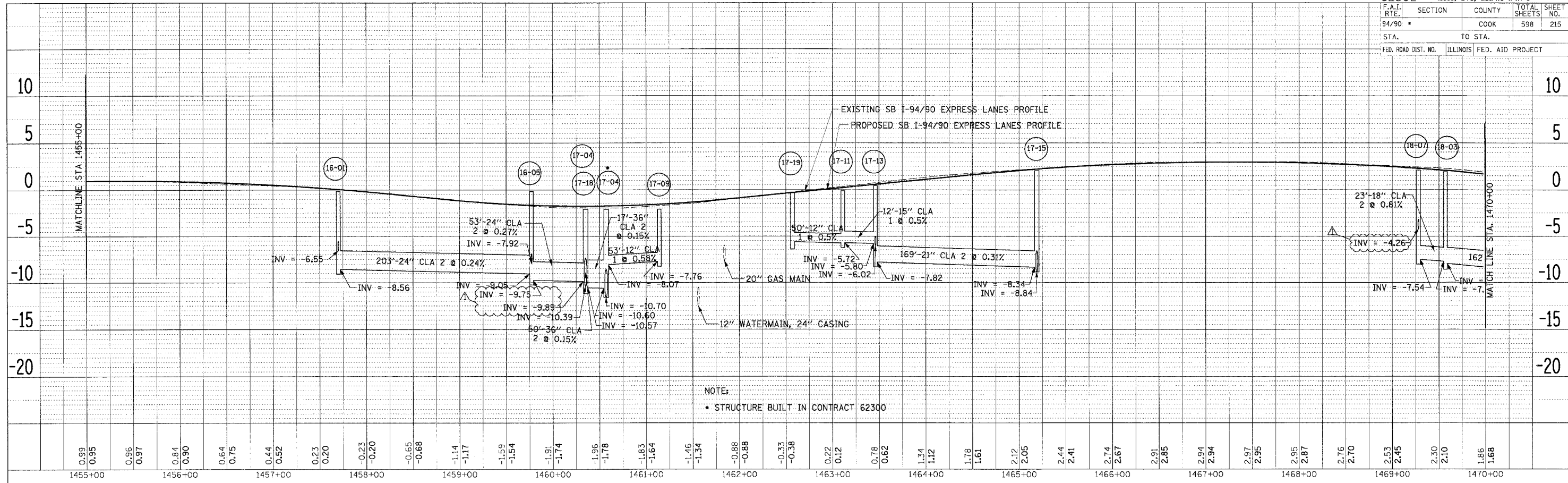
REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

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

SCALE: 1" = 5' (VERTICAL), 1" = 50' (HORIZONTAL)
 DATE: 7/7/05
 DRAWN BY: LPN
 CHECKED BY: PJM

P:\030019\0301\com\H&S\CADD\NS\1425-1455\62302.dwg

F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	598	215
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	BY	DATE
NO. 100	ALIGNED		
NO. 100	ADJUSTED		
NO. 100	AS BUILT		

PLAN	SURVEYED	BY	DATE
NO. 100	ALIGNED		
NO. 100	ADJUSTED		
NO. 100	AS BUILT		

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

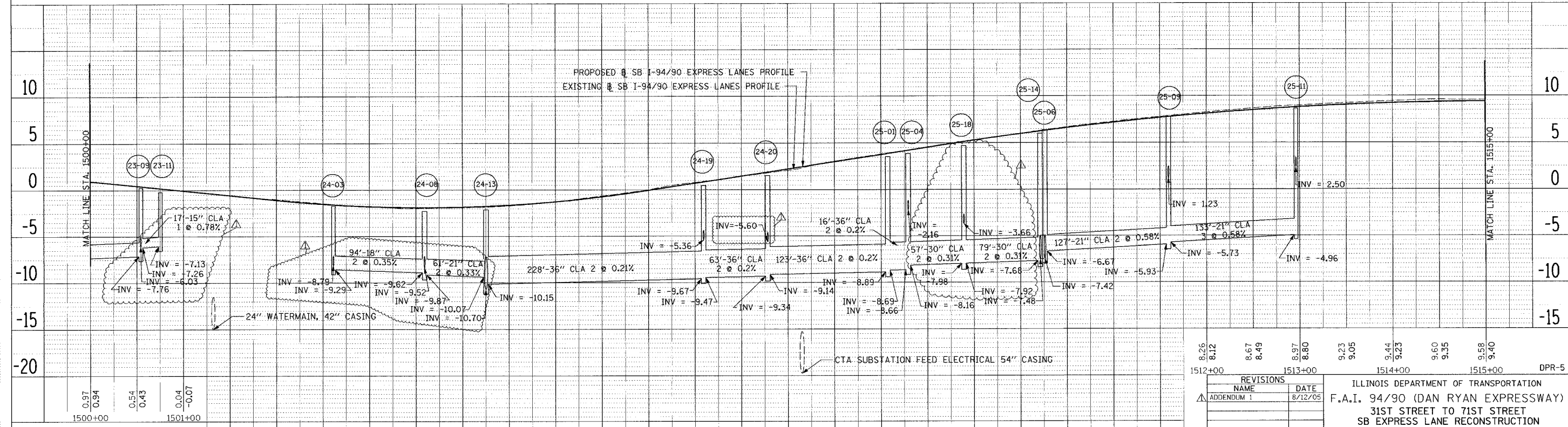
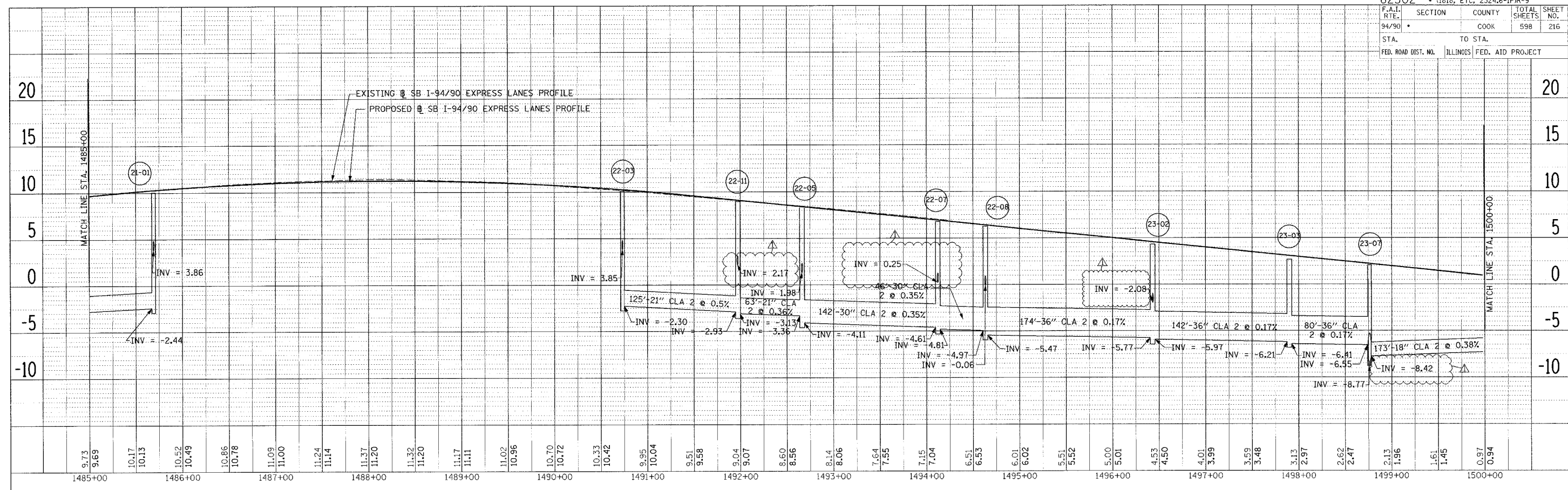
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE PROFILES
 SOUTHBOUND STA. 1455+00 TO STA. 1485+00

REVISIONS
 NAME DATE
 ADDENDUM 1 8/12/05

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

DRAWN BY: LPN
 CHECKED BY: PJM

PLAN NO. 300190.350.Com / 48.15.CAD.015/0150.322501
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PLAN SHEET NO. DATE
 SURVEYED BY
 DRAWN BY
 CHECKED BY
 DATE

PLAN SHEET NO. DATE
 SURVEYED BY
 DRAWN BY
 CHECKED BY
 DATE

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

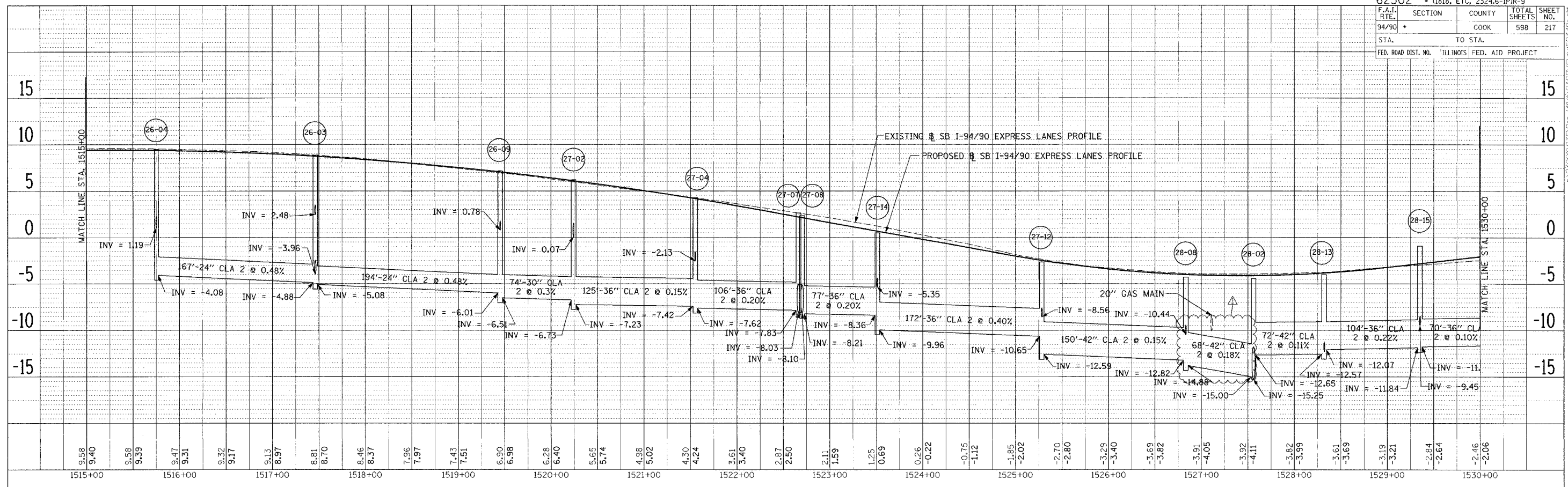
REVISIONS	NAME	DATE
ADDENDUM 1		8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 DRAINAGE PROFILES
 SOUTHBOUND STA. 1485+00 TO STA. 1515+00

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

DRAWN BY: LPN
 CHECKED BY: PJM

08/17/2005 04:48:34 PM



PLAN SURVEYED BY DATE
 NOTED BOOK NO. OF DATA CHECKED
 PLOT FILE NAME

PLAN SURVEYED BY DATE
 NOTED BOOK NO. OF DATA CHECKED
 PLOT FILE NAME

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

REVISIONS	
NAME	DATE
ADDENDUM	8/12/05

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

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

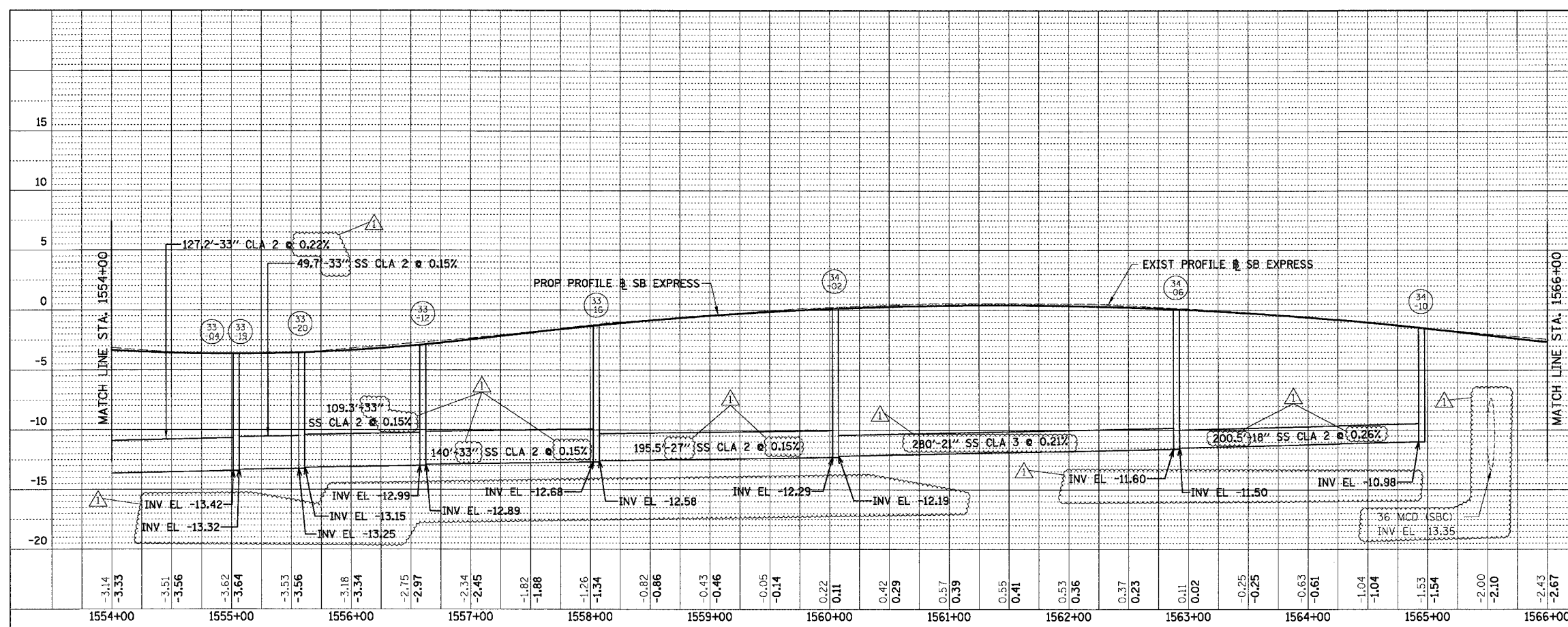
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DPR-6

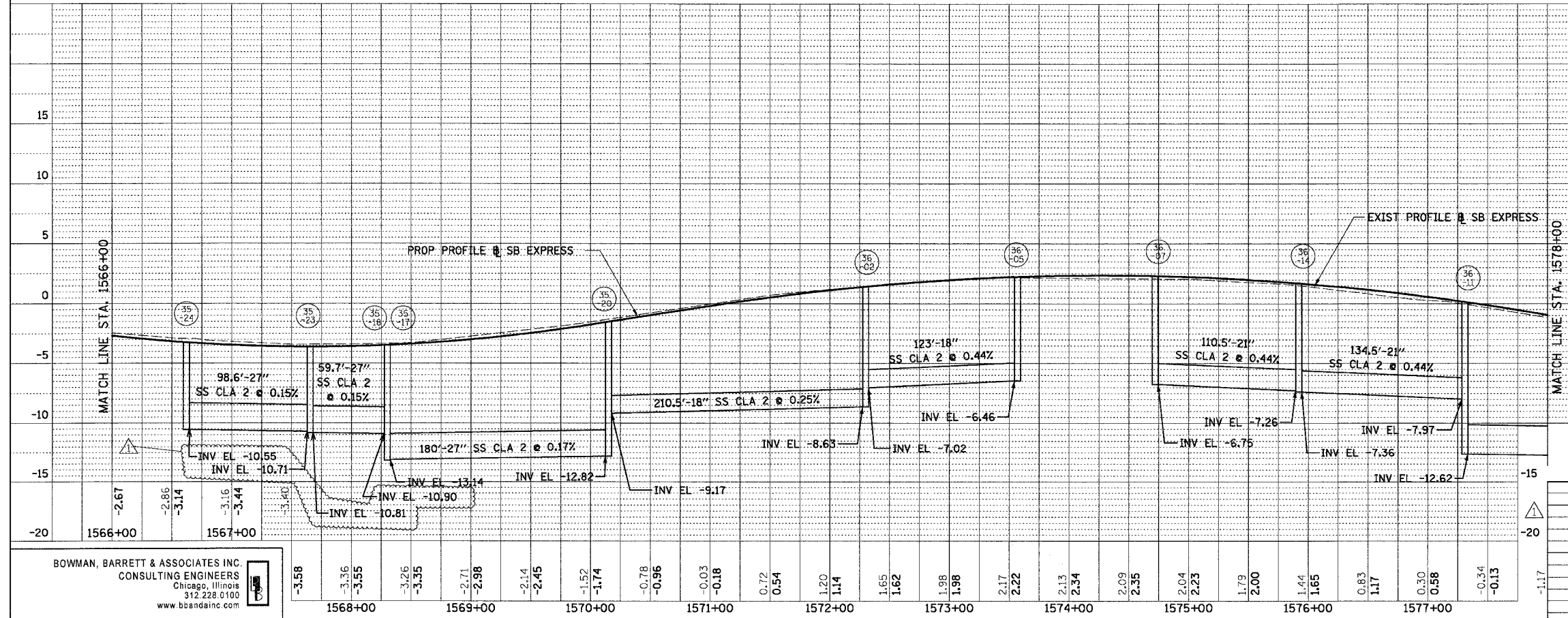
04/24/06 PM
 08/11/2005

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

PLAN	SURVEYED	BY	DATE
	NOTE BOOK		
	RT. OF WAY CHECKED		
	PAID FILE NAME		



PLAN	SURVEYED	BY	DATE
	NOTE BOOK		
	RT. OF WAY CHECKED		
	PAID FILE NAME		



REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

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

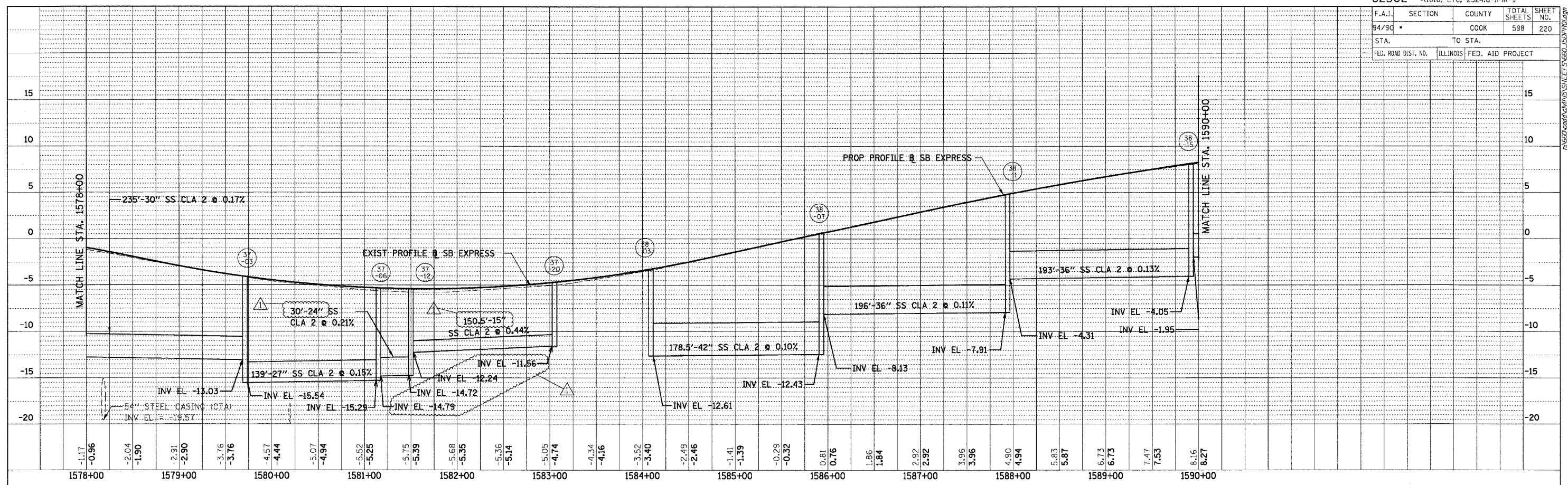
DRAWN BY: OC
 CHECKED BY: DOM

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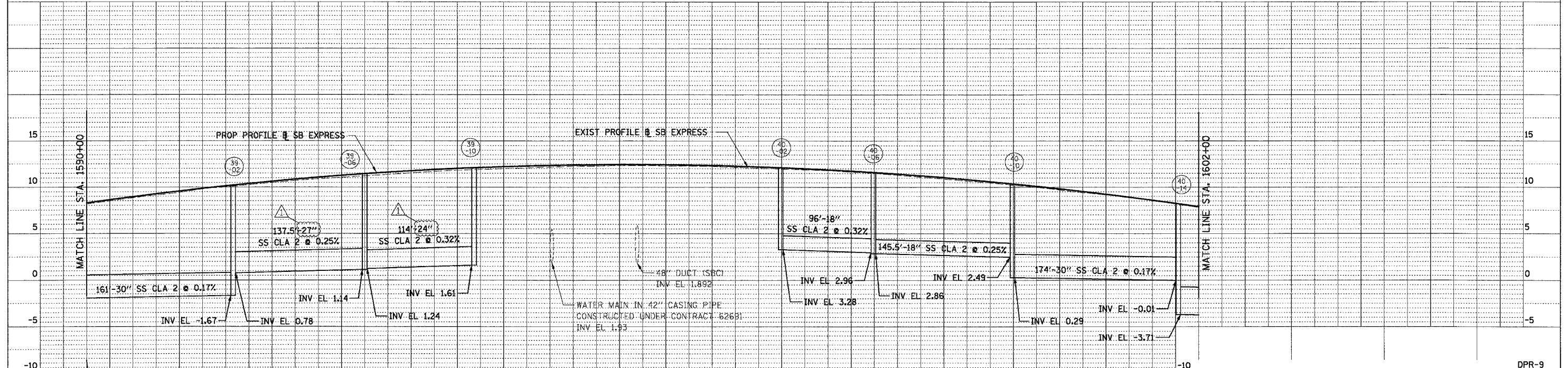
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F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *	COOK	598	220
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	
NO.	RT. OF WAY CHECKED	
	NO.	
	DATE	



PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	
NO.	RT. OF WAY CHECKED	
	NO.	
	DATE	



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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
PROPOSED DRAINAGE PROFILE
SOUTHBOUND STA. 1578+00 TO STA. 1602+00

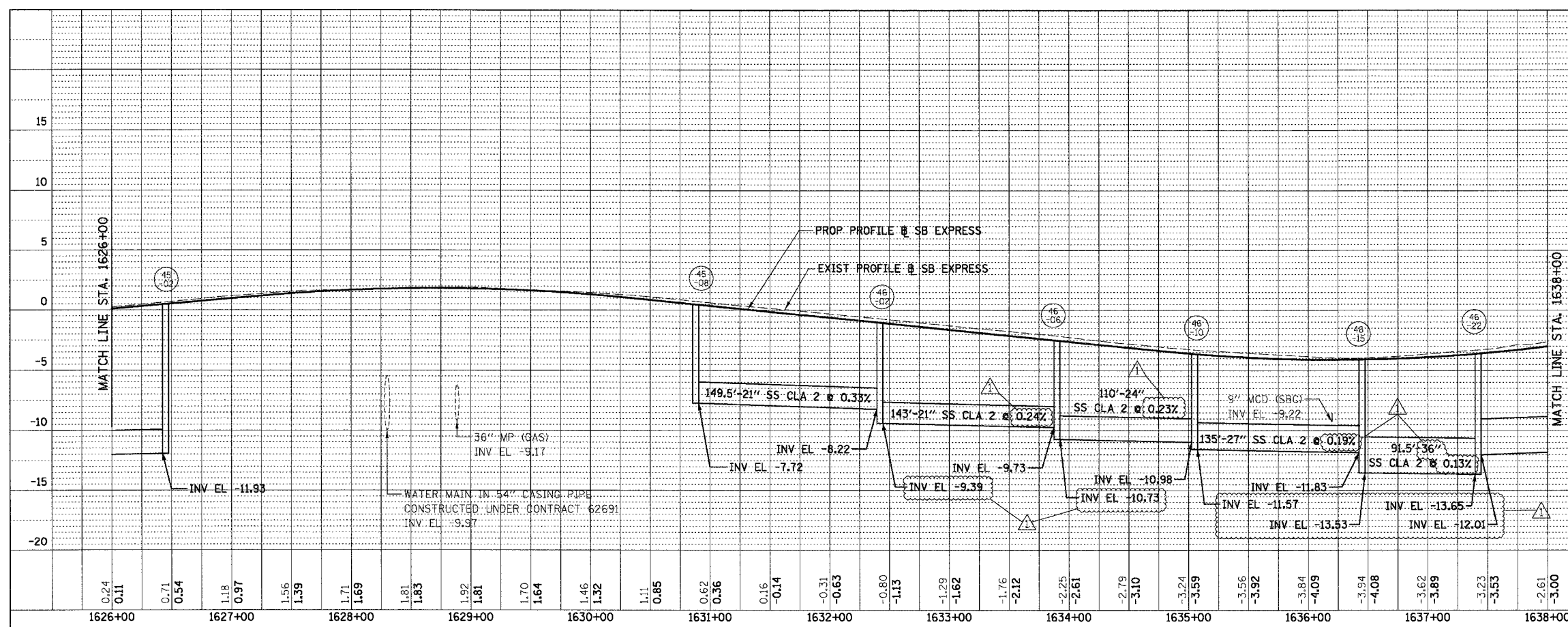
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DATE: 07/07/05

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CHECKED BY: DDM

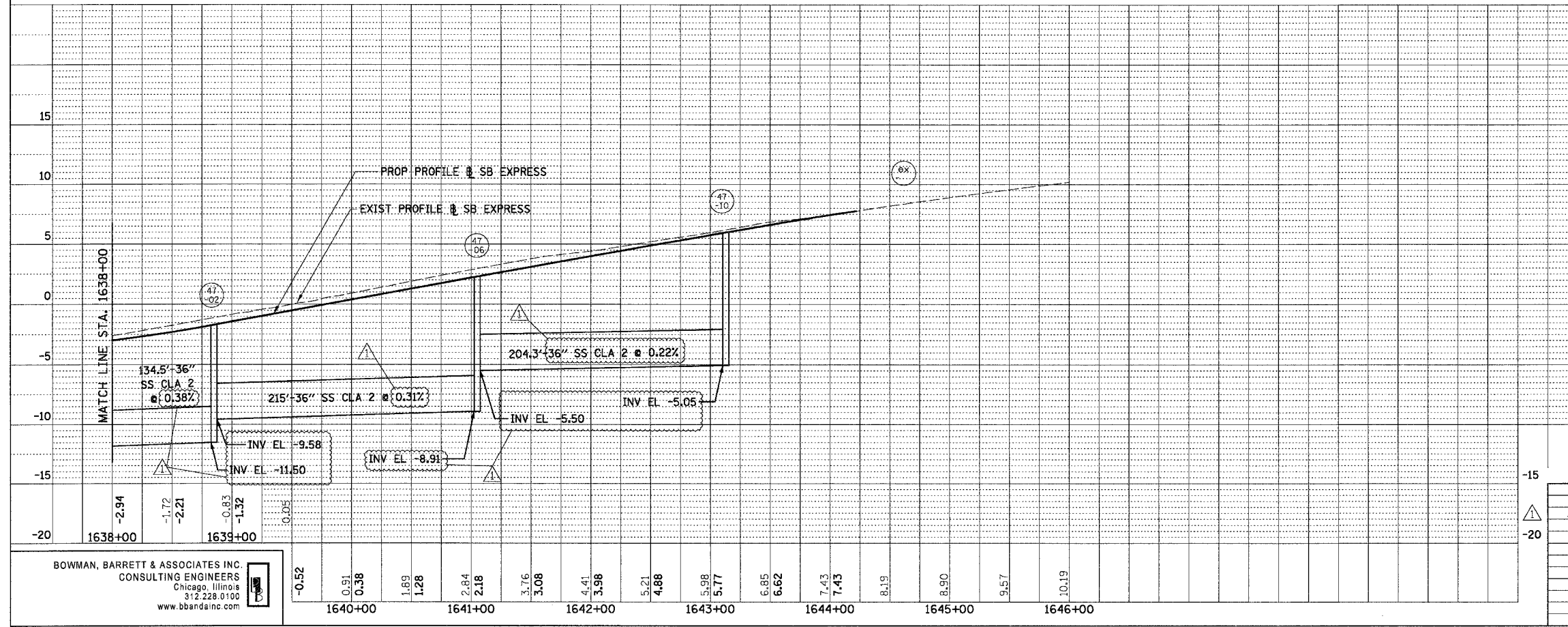
11/23/05 AM

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

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	CHECKED		
	RT. OF WAY CHECKED		
	NO.		
	NO.		



PLAN	SURVEYED	BY	DATE
	ALIGNED		
	CHECKED		
	RT. OF WAY CHECKED		
	NO.		
	NO.		



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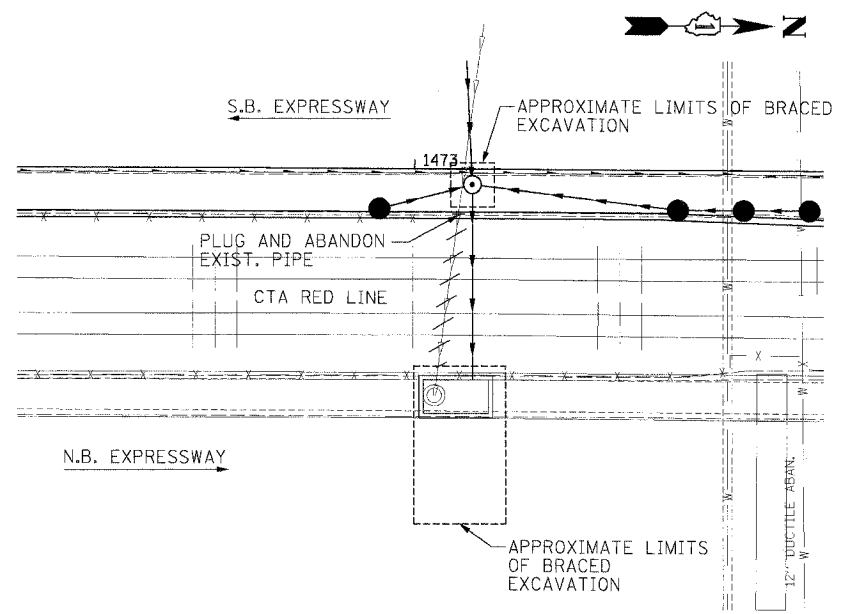
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
PROPOSED DRAINAGE PROFILE
SOUTHBOUND STA. 1626+00 TO STA. 1646+00

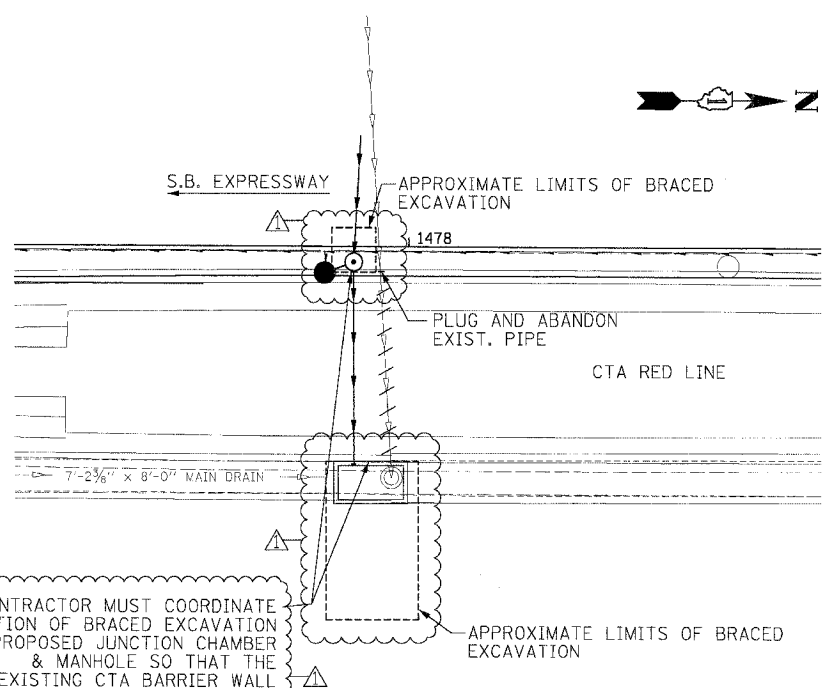
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1"=50' HORIZ
DATE: 07/07/05

DRAWN BY: OC
CHECKED BY: DDM

8/11/2005 163402 AM

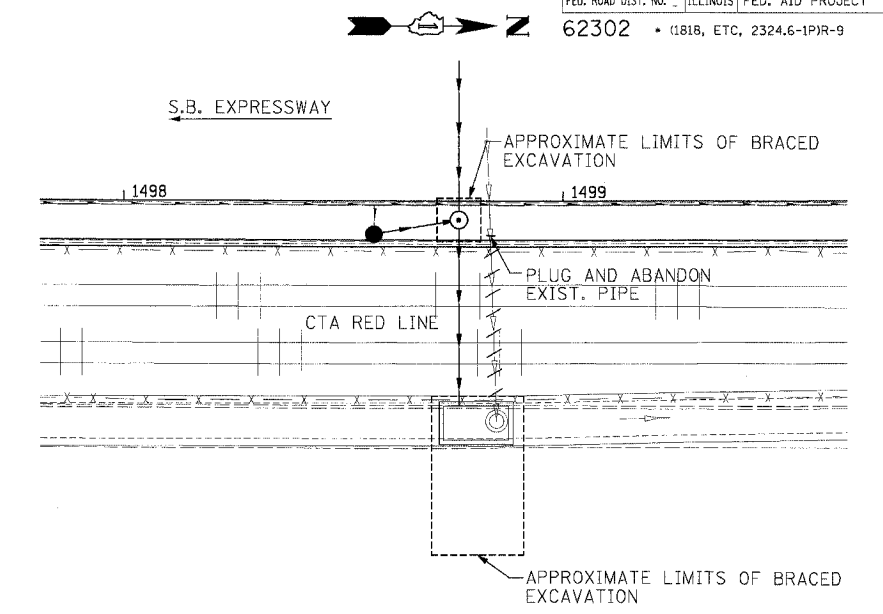


JUNCTION CHAMBER TYPE 2
NO. 19-01

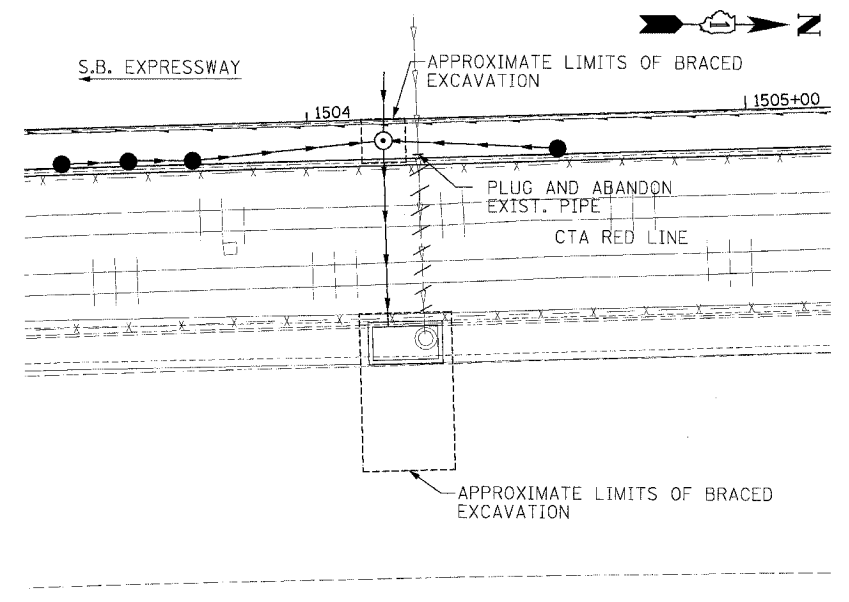


CONTRACTOR MUST COORDINATE LOCATION OF BRACED EXCAVATION AND PROPOSED JUNCTION CHAMBER & MANHOLE SO THAT THE EXISTING CTA BARRIER WALL REMAINS IN PLACE.

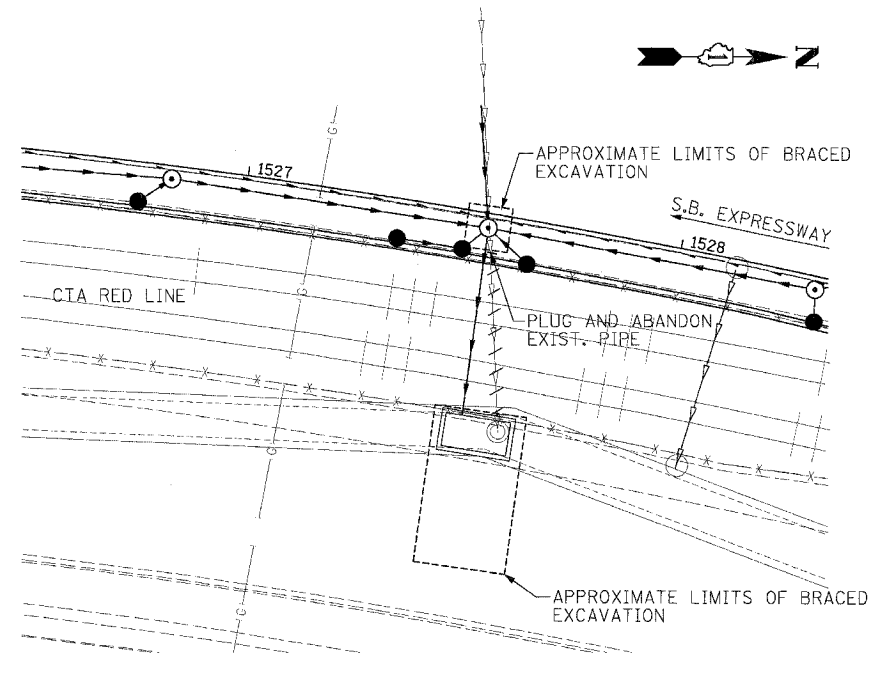
JUNCTION CHAMBER TYPE 2
NO. 20-01



JUNCTION CHAMBER TYPE 2
NO. 23-01



JUNCTION CHAMBER TYPE 2
NO. 24-01



JUNCTION CHAMBER TYPE 2
NO. 28-01

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REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

STORM SEWER JACKING AND
JUNCTION CHAMBER PLANS

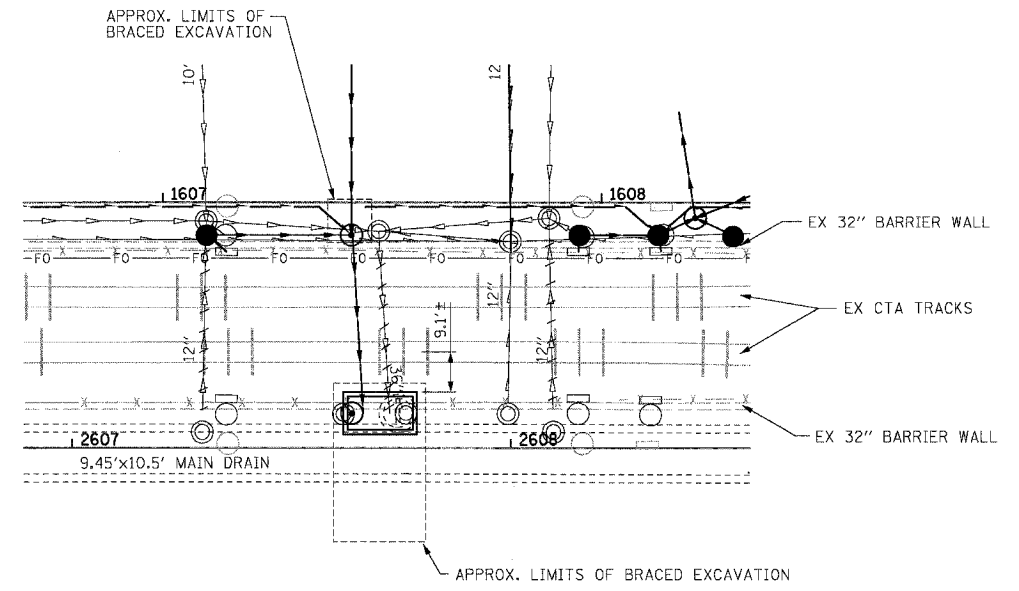
SCALE: 1"=20'
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DATE: 7/1/05

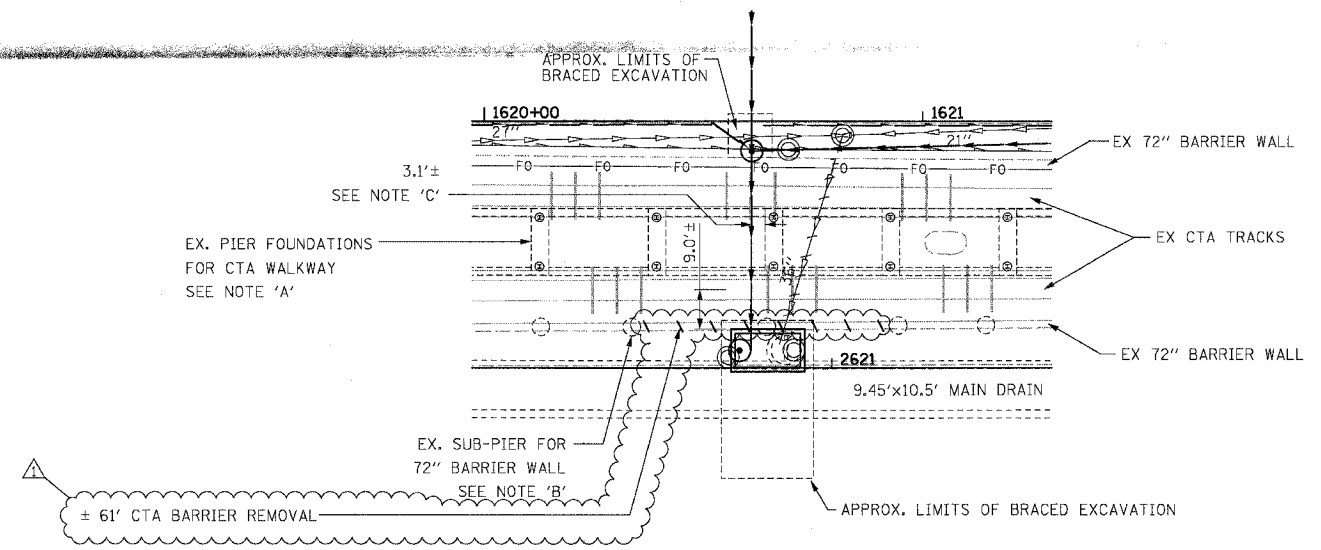
DRAWN BY: LPN
CHECKED BY: PJM

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08/10/2005 02:45:23 PM

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



JUNCTION CHAMBER TYPE 2
NO. 41-01



JUNCTION CHAMBER TYPE 2
NO. 44-01

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

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

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

DDP03

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

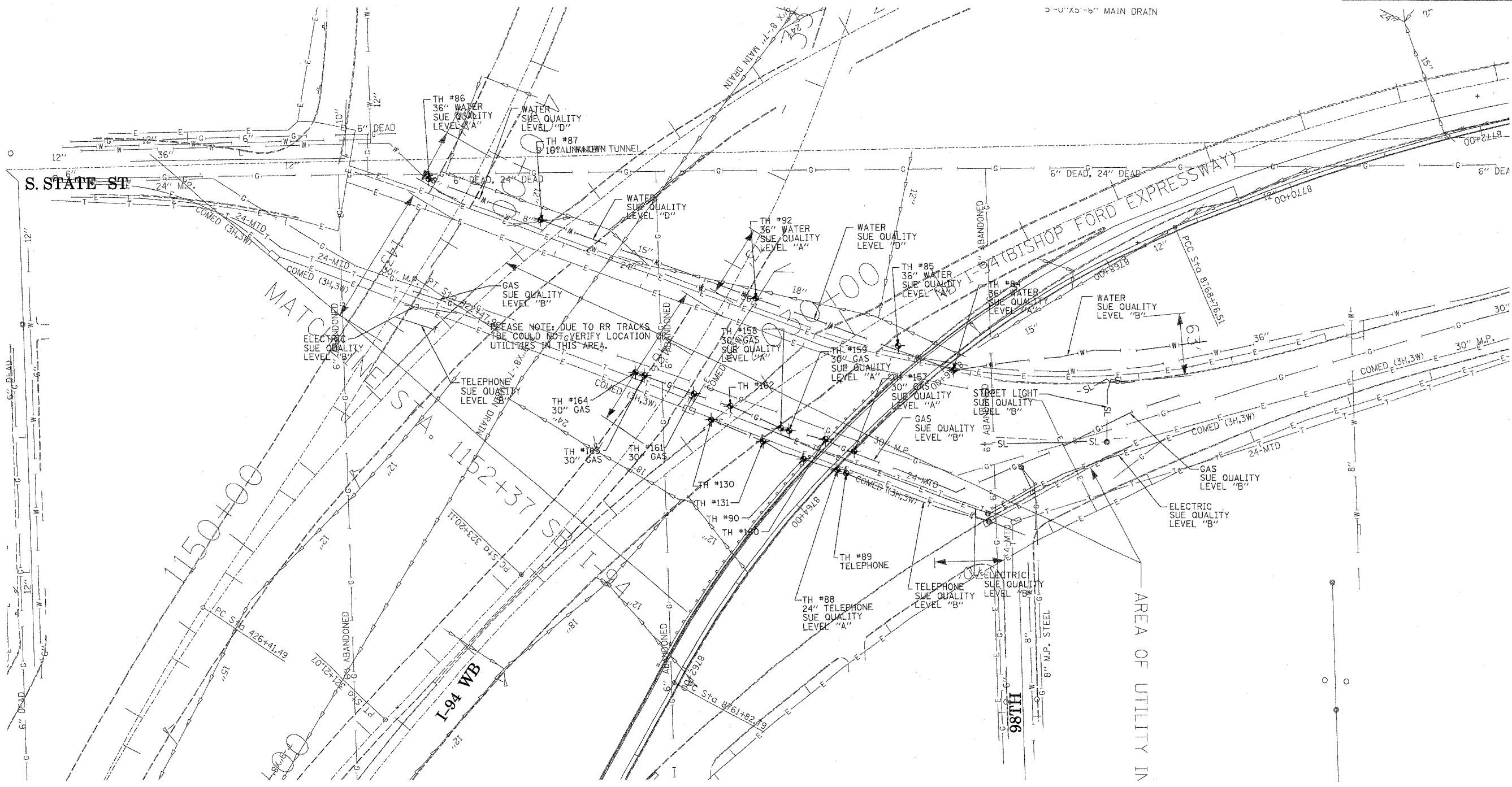
SCALE: 1"=20'
DATE: 07/07/05

DRAWN BY: RGR
CHECKED BY: DDM

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PAGE 06 OF 07 VIEWS SHEETS 662-56040451
06/03/05 PM
08/11/2005

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(1516,1717 & 1818)-6	Cook	598	236 A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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 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: 3 of 36
 Checked by: *Sandra Jones PC*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

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

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

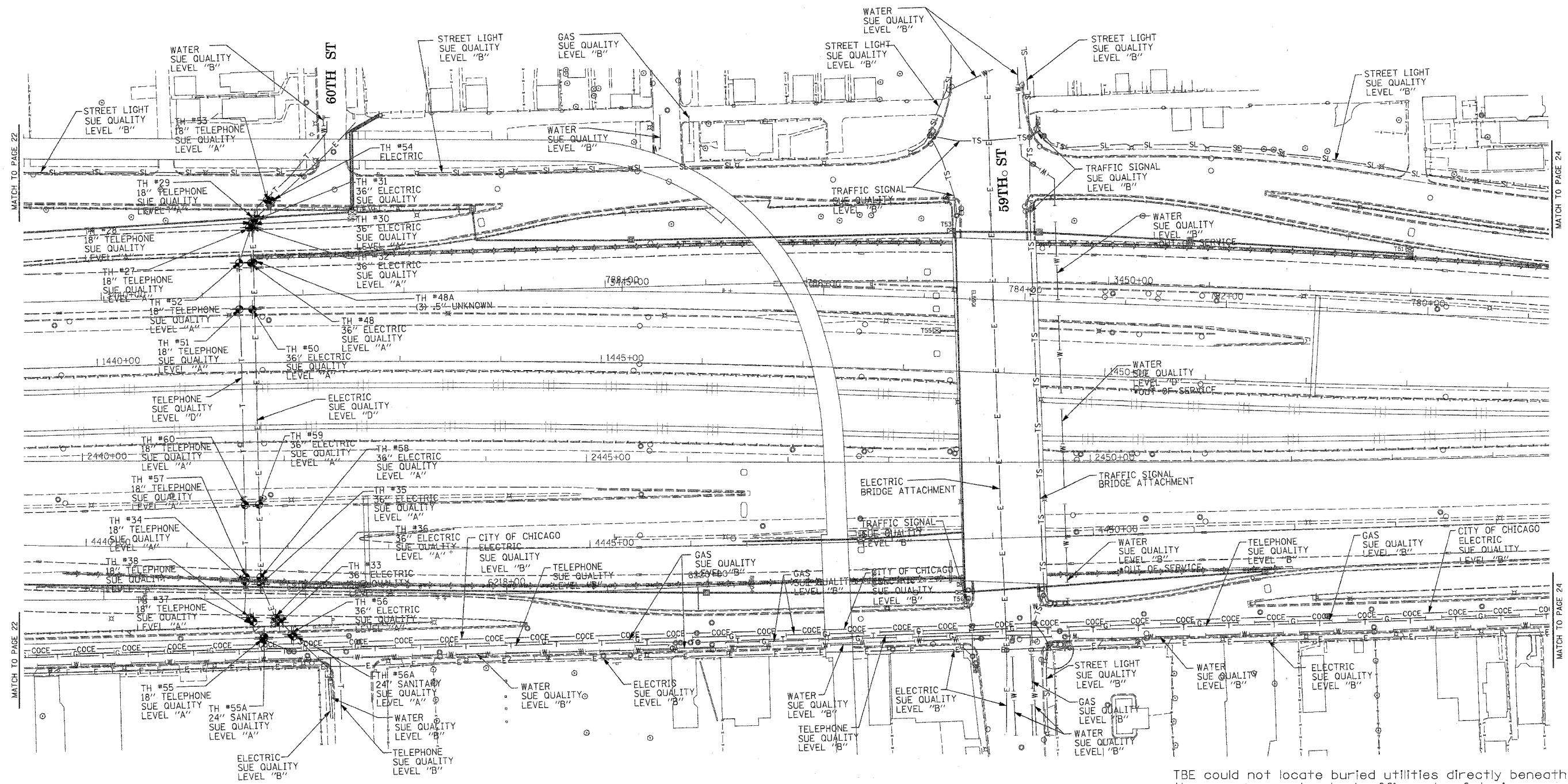
205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE
Sheet Added	9/2/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-94 NB & SB of Dan Ryan Expressway
 From I-57 to 43rd Street
 Contract No: 62586, 62589, 62590, 62594, 62693
 SQL "A" DATE : 2/17/05
 SQL "B" DATE : 7/22/04
 DRAWN BY : KLC
 SCALE : 1" = 50'

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

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



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

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



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 * PLANNING * UTILITY ENGINEERING/LOCATING
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 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

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

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

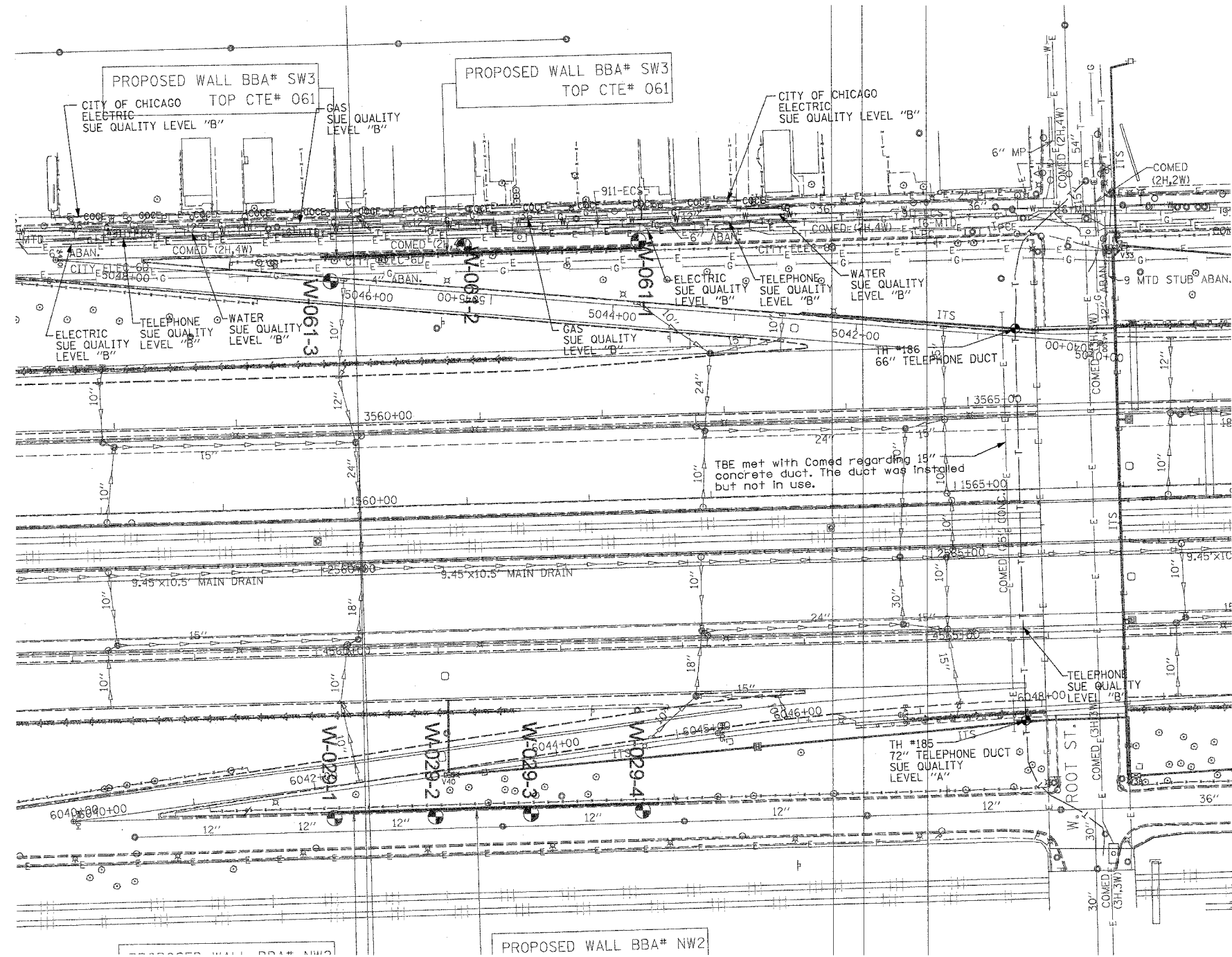
Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

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

REVISIONS	
NAME	DATE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516.11717 & 1818-6	Cook	598	248A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			




TBE met with Comed regarding 15" concrete duct. The duct was installed but not in use.

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 * PLANNING * UTILITY ENGINEERING/LOCATING
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 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA
 IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205,
 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232, 238
 TBE SUE PAGE NO: 32 of 36
 Checked by: *Sara Amador*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

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

PROPOSED WALL BBA# NW2

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

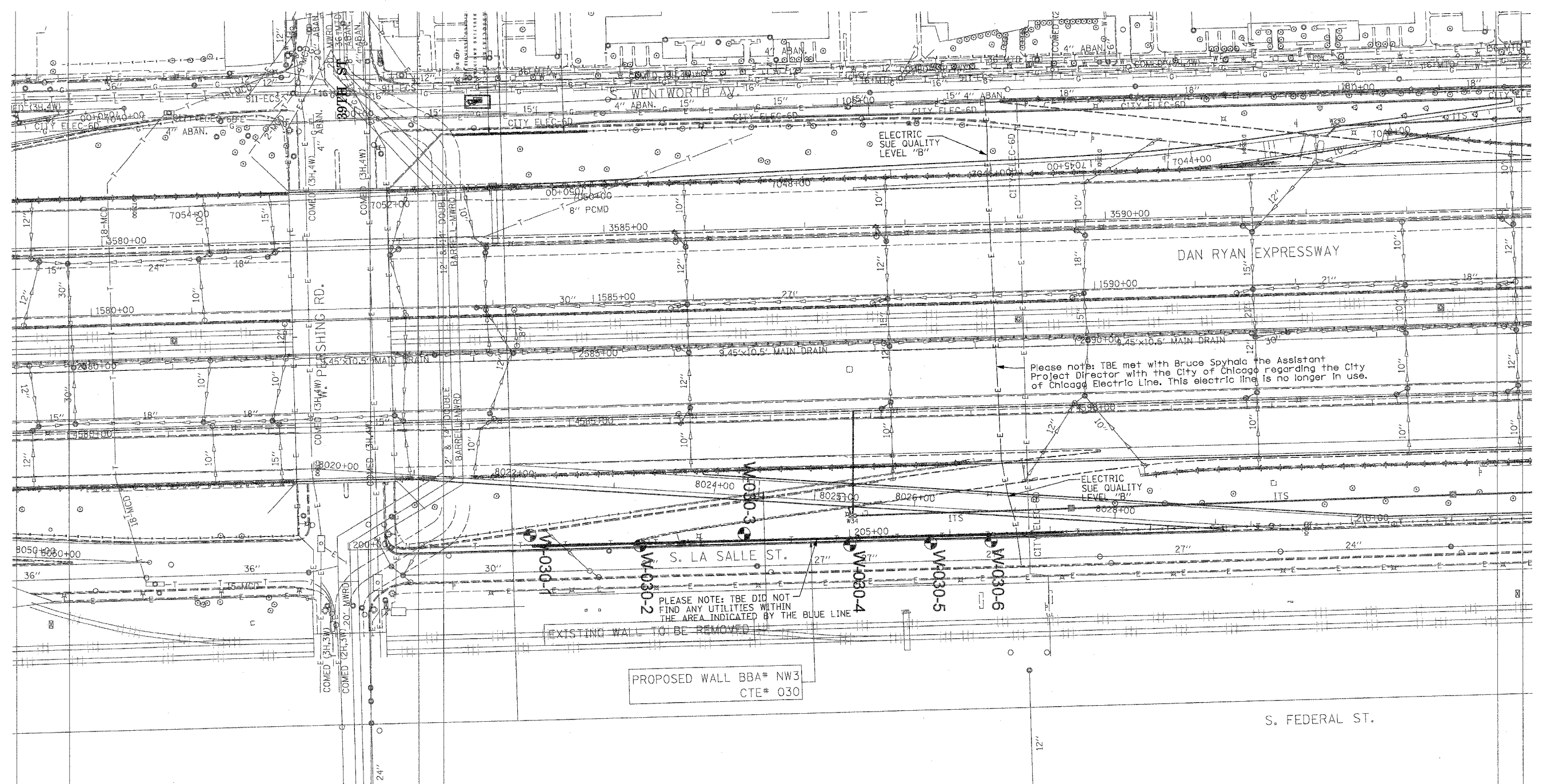

 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

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

REVISIONS	
NAME	DATE
Sheet added	6/11/05

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,
 62300, 62302
 SQL "A" DATE : 6/28/05 DRAWN BY : KLC
 SQL "B" DATE : 7/22/04 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0516,1717 & 1818-6	Cook	598	249A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

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

PROPOSED WALL BBA# NW3
CTE# 030



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 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: *Sandra Davis PE*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

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

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

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

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

REVISIONS	
NAME	DATE
Sheet Added	8/2/04

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