

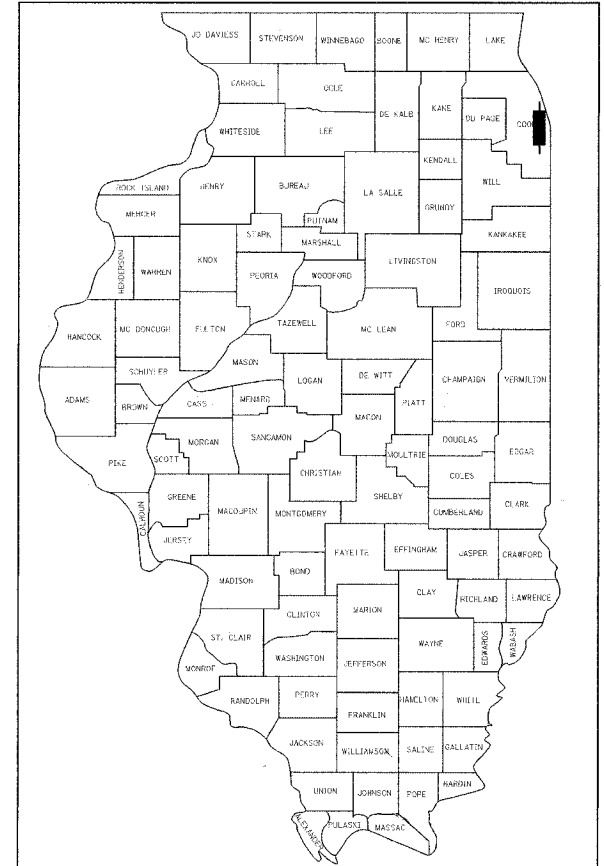
FOR INDEX OF SHEETS SEE SHEET NO. 2
 DESIGN NUMBER: D-91-417-01 31st to 47th
 D-91-419-01 47th to 71st

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

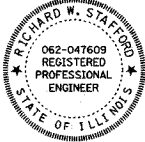



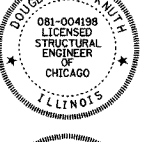
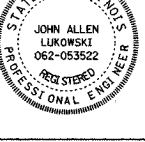
62302	F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	94		COOK	598	1
				* (1818, ETC, 2324.6-1P)R-9	
				F4 = 602 total Sheets	

**PROPOSED
 HIGHWAY PLANS**
**F.A.I. ROUTE 94/90 (DAN RYAN EXPRESSWAY)
 (I-94/90) SB**
**31ST STREET TO 71ST STREET (SB EXPRESS LANES)
 ROADWAY RECONSTRUCTION**

SECTION (1818, ETC, 2324.6-1P)R-9
 PROJECT: ACIM-094-3(398)055
 COOK COUNTY
 C-91-419-01



LOCATION OF SECTION INDICATED THUS: - [rectangle] -

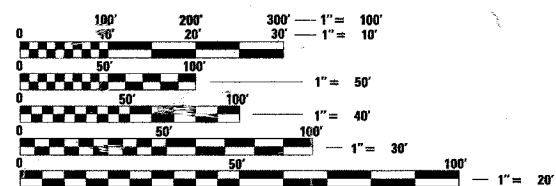
- 
 SIGNED Richard W. Stafford
 DATE July 7, 2005
 EXPIRES November 30, 2005
 FOR ALL OTHER BOWMAN, BARRETT SHEETS
- 
 SIGNED Brian L. Umbreit
 DATE July 7, 2005
 EXPIRES Nov. 30, 2006
 For Sheets 453-488, 492
- 
 SIGNED M.R. S. Alkhan
 DATE July 7, 2005
 EXPIRES November 30, 2005
 FOR ALL KAM ENGINEERING SHEETS
- 
 SIGNED Philip J. Mingo
 DATE July 7, 2005
 EXPIRES November 30, 2005
 FOR ALL OTHER EDWARDS AND KELCEY SHEETS
- 
 SIGNED Douglas C. Knuth
 DATE July 7, 05
 EXPIRES Nov 30, 06
 FOR SHEETS 435 - 448
- 
 SIGNED John A. Lukowski
 DATE July 7, 2005
 EXPIRES November 30, 2005
 FOR ALL CTE SHEETS

PROJECT LOCATED IN THE CITY OF CHICAGO

DESIGN DESIGNATION
 DAN RYAN EXPRESSWAY 15,309 (35) ARTERIAL (PCC 30)

TRAFFIC VOLUMES AND SPEEDS

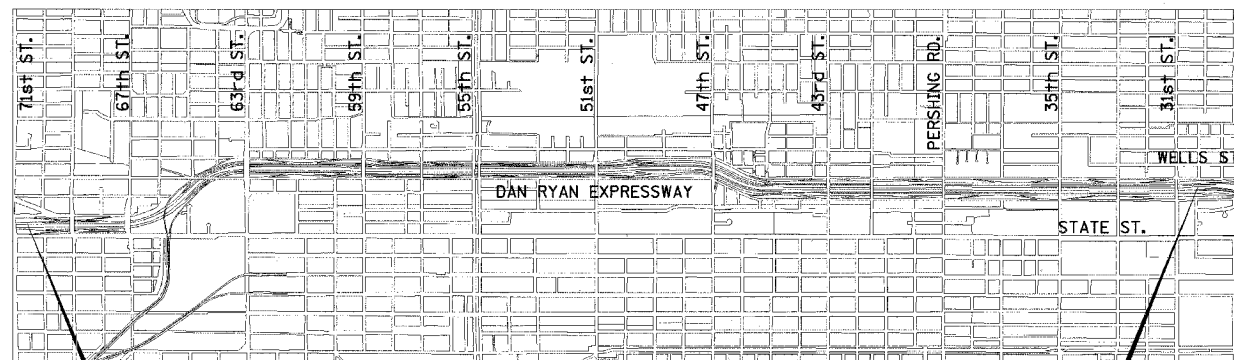
SB EXPRESS	ADT	DESIGN SPEED	POSTED SPEED
	100,155	60	50



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

FOR UTILITY LOCATION INFORMATION FOR EXCAVATION CALL CHICAGO UTILITY ALERT NETWORK (C.U.A.N.) 312-744-7000.

CONTRACT 62302



PROJECT BEGINS
 STA. 1367+00
 SB I-94 EXPRESS LANES

PROJECT ENDS
 STA. 1637+49
 SB I-94 EXPRESS LANES

LOCATION MAP




NET LENGTH OF IMPROVEMENT 27,721 ft. = 5.250 mi.
 GROSS LENGTH OF IMPROVEMENT 27,721 ft. = 5.250 mi.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED June 1, 2005
Diane O'Keefe / AP
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

20
 ENGINEER OF DESIGN AND ENVIRONMENT

20
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

Edwards AND Kelcey
 ONE NORTH FRANKLIN
 SUITE 500
 CHICAGO, IL 60606

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 OF THE STATE OF ILLINOIS**

IDOT Project Manager: R. Shah (847) 705-4437 (District 1)

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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	*1818, ETC. 2324.6-1P1R-9			

INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS
3	GENERAL NOTES, LIST OF STANDARDS, COMMITMENTS
4	SUGGESTED PROJECT CONSTRUCTION SCHEDULE
5-11	SUMMARY OF QUANTITIES SCHEDULE
12-13	EXISTING TYPICAL SECTIONS
14-18	PROPOSED TYPICAL SECTIONS
19-23	ROADWAY SCHEDULES
24-25A	EARTHWORK SCHEDULE
26-29	MAINTENANCE OF TRAFFIC SCHEDULE
30-31	PAVEMENT MARKING SCHEDULE
32-34	SIGNING SCHEDULE
35-49	ALIGNMENT, TIES, AND BENCHMARKS
50-70	EXISTING AND PROPOSED PLAN
71-85	EXISTING AND PROPOSED PROFILE
86-112	MAINTENANCE OF TRAFFIC PLANS
113	ALTERNATE ROUTE PLAN
114-119	EROSION CONTROL AND LANDSCAPING PLANS
120	DRAINAGE NOTES AND LEGEND
121-162	DRAINAGE SCHEDULES
163	PROPOSED JACKING SCHEDULES
164-211	DRAINAGE AND UTILITIES PLAN
212-222	DRAINAGE PROFILES
223	BRACED EXCAVATION DETAIL
224-226	DETAIL PLANS FOR STORM SEWER JACKING
226A	47TH STREET BRIDGE DOWNSPOUT RELOCATION
227-232	CTA WALKWAY FOUNDATION AS-BUILTS AT 33RD STREET
233-256	S.U.E. DRAWINGS
257-262	CTA PERSHING SUB-STATION PLANS
263-286	PAVEMENT JOINTING AND ELEVATION PLAN
287-297	PROPOSED PAVEMENT MARKING AND SIGNING PLAN
298-301	SIGN PANEL DETAILS
302-303	SIGN PLACEMENT DETAILS
304-305	SIGN PANEL DETAILS
306	TEMPORARY INFORMATION SIGNING PANEL DETAILS
307-338(D)	OVERHEAD SIGN STRUCTURES
339-351	DYNAMIC MESSAGE SIGN PLANS
351A	OVERHEAD SIGN STRUCTURES - SOIL BORING LOGS
355	ELECTRICAL SYMBOLS
356	ELECTRICAL ABBREVIATIONS
357-380	ELECTRICAL INFRASTRUCTURE PLAN
381-383	ELECTRICAL INFRASTRUCTURE DETAILS
384-385	EXISTING AND PROPOSED LIGHTING
386-387	LIGHTING DETAILS
388-408	CIVIL DETAILS
409-424(B)	EXISTING BARRIER WALL MODIFICATIONS AT CTA STATIONS
424C-424W	SOIL BORINGS ALONG CTA BARRIER WALL
425-434	CTA WALL AT STATIONS AS-BUILTS
435-448	RETAINING WALL PLANS
449-452	METRA AND CONRAIL BRIDGE SUBSTRUCTURE REPAIR
453-457	STRUCTURAL DETAILS PROPOSED JUNCTION CHAMBER
458-474	STRUCTURAL DETAILS PROPOSED DROP MANHOLE AS BUILTS
475-484	STRUCTURAL PLANS - PROP CULVERT
485-488	STRUCTURAL PLANS - CULVERT AS-BUILTS
489-492	PAVEMENT DETAILS AT CROSS STREET BRIDGES
493-501	DISTRICT 1 STANDARD DETAILS
502-566	CROSS SECTIONS
567-598	UTILITY CROSS SECTIONS

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



REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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

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

IND-01

11/5/2005 11:34:29 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	3
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62302 • (1818, ETC, 2324.6-1P1R-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 ADJUTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.

6. _____

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

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

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

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

11. ON STATE STANDARD 483001, THE IMPROVED SUBGRADE SHALL BE AS SHOWN ON THE CONTRACT TYPICAL SECTIONS.

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

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

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

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

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

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

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

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

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

LIST OF STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
420001-06	PAVEMENT JOINTS
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
630301-02	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.



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



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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
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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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN		90% FEDERAL / 10% STATE							
			TOTAL QUANTITY	ROADWAY 3000-2A	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	100,269	100,269								
20700220	POROUS GRANULAR EMBANKMENT	CU YD	965		965							
20800150	TRENCH BACKFILL	CY YD	37,129	37,129								
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	1,727	1,727								
21101630	TOPSOIL FURNISH AND PLACE, 8"	SQ YD	3,707	3,707								
21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	3,707	3,707								
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	1,518	1,518								
25000210	SEEDING, CLASS 2A	ACRE	1	1								
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	101	101								
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	101	101								
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	101	101								
25100115	MULCH METHOD B	ACRE	1	1								
25100630	EROSION CONTROL BLANKET	SQ YD	5,434	5,434								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	113	113								
28000400	PERIMETER EROSION BARRIER	FOOT	975	975								
28000510	INLET FILTERS	EACH	221	221								
31101860	SUB-BASE GRANULAR MATERIAL, TYPE B 24"	SQ YD	59,674	59,674								
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									
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 REMOVAL	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								

* - 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 DRAWN BY: RA
DATE: 07/07/05 CHECKED BY: JDC

Rev. B-31-05

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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		

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

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN		ROADWAY		RETAINING WALLS Y007	90% FEDERAL / 10% STATE				
			TOTAL	ROADWAY	TOTAL	ROADWAY		S.N. 016-2625 X928-2A	SIGNING Y002-1C	SAFETY SFTY-3N	LIGHTING Y030-1E	SURVEILLANCE Y032-1F
50200100	STRUCTURE EXCAVATION	CU YD	9,249	554		2,695						
50300225	CONCRETE STRUCTURES	CU YD	916	51		865						
50300255	CONCRETE SUPERSTRUCTURE	CU YD	916.7	718.5		86	112.2					
50300260	BRIDGE DECK GROOVING	SQ YD	212				212					
50300300	PROTECTIVE COAT	SQ YD	4,920	3,017		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	12,795	12,795								
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	190,242	58,882		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	3,210	3,210								
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	19	19								
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	47	47								
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	152	152								
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6								

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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: JOC

SOQ-02

5/29/2005 5:56:39 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	20,343	20,343										
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	27,405	27,405										
72000100	SIGN PANEL - TYPE 1	SQ FT	676					676						
72000200	SIGN PANEL - TYPE 2	SQ FT	227					227						
72000300	SIGN PANEL - TYPE 3	SQ FT	2,242					2,242						
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	1244					1244						
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	271					271						
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										

◎◎ - SFTY - 3C
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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

S00-04

6/29/2005 5:37:29 PM

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

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	90% FEDERAL / 10% STATE									
			URBAN 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	933								933	
• 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	1							1		
• 81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	948							50	898	
• 81800700	AERIAL CABLE 3 1/2 #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	4752	4752								
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								

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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

SOQ-05

6/29/2005 5:37:52 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62302 * (1818, ETC, 2324.6-1)PR-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	
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	486	486								
550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	38	38								
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	120	120								
X0320870	BRACED EXCAVATION	CU YD	4,980	4,980								
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	34,916	34,916								
X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	37,117	37,117								
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	1420	1420								
X5120907	FURNISHING SOLDIER PILES W 12X120	FOOT	9060	9060								
X5120952	FURNISHING SOLDIER PILES W 24X106	FOOT	5120	5120								
X6020166	DRAINAGE STRUCTURES, TYPE 1 SPECIAL WITH TWO TYPE 20 FRAMES AND GRATES	EACH	52	52								
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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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

S00-06

6/29/2005 5:36:08 PM

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	753	753									
XX005489	STEEL CASING 48"	FOOT	85	85									
Z0026420	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				
Z0002300	BALLAST	CU YD	5018	5018									
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	2000	2000									
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							
X03270927	CONCRETE BARRIER SINGLE FACE 72" (SPECIAL)	FOOT	166	166									
X0325083	CTA BARRIER REMOVAL	FOOT	22,239	22,239									
X0325083	CTA FENCE	FOOT	21,718	21,031		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					
X0950610	REMOVE AND RELOCATE EXISTING LIGHTING UNIT	EACH	5							5			
X0210015	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	166,371	166,371									
B1000800	CONDUIT IN TRENCH, 3" DIA. GALVANIZED STEEL	FOOT	75									75	
B3600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	65									65	
50102400	CONCRETE REMOVAL	CU YD	3.2	3.2									

* - Y000
 * - SPECIALTY ITEM
 □ - NON-PARTICIPATING

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

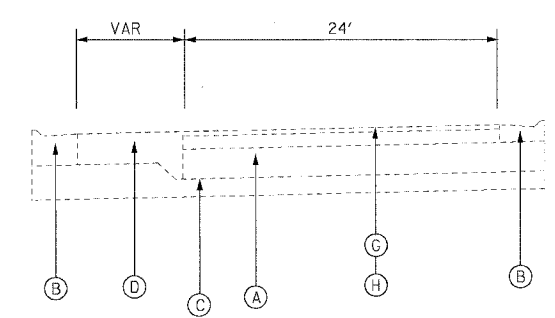
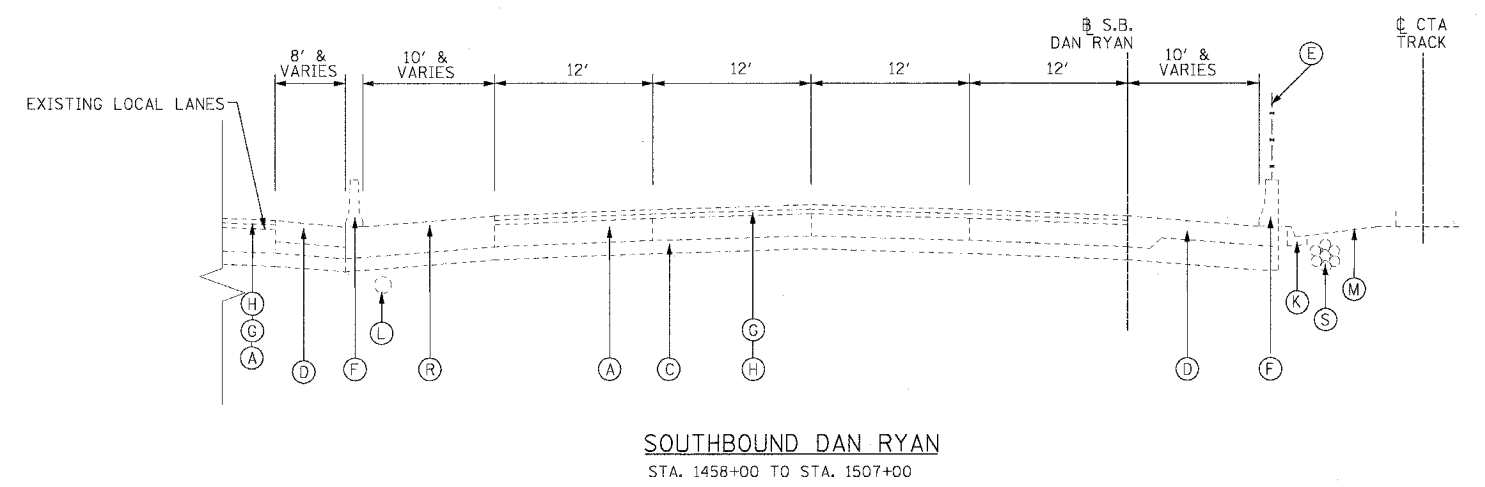
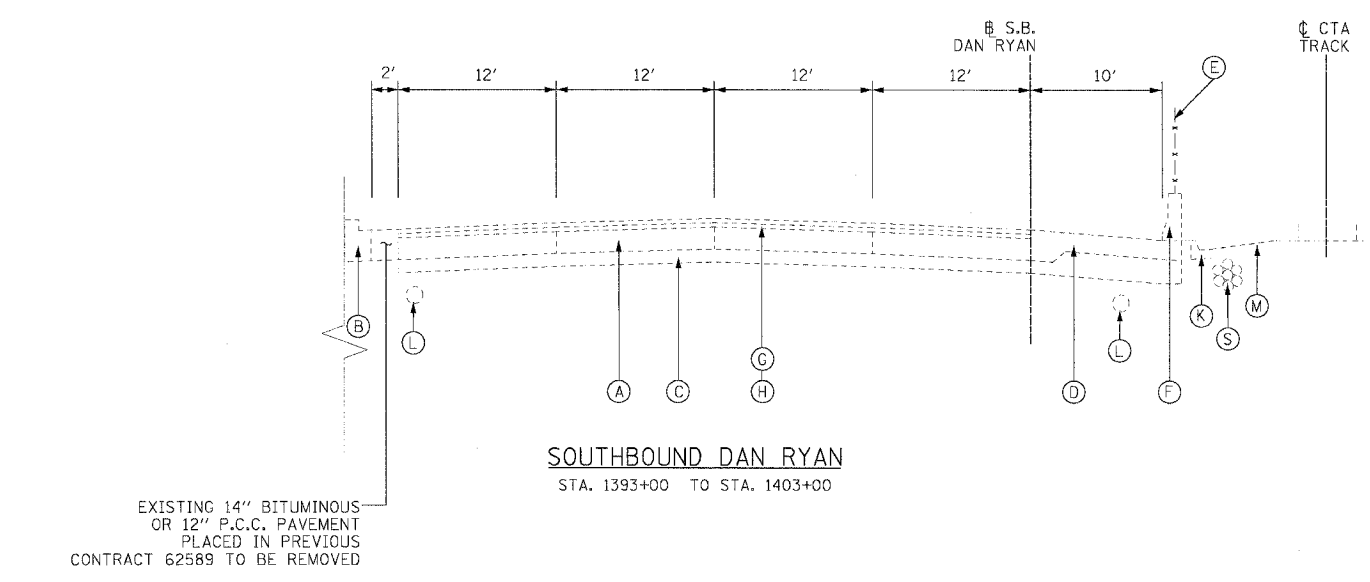
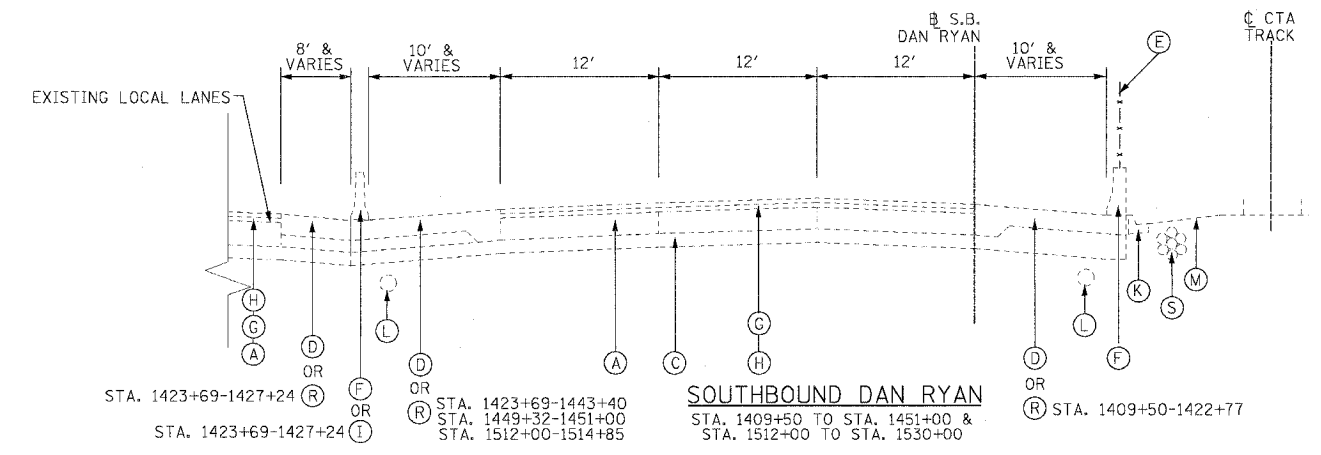
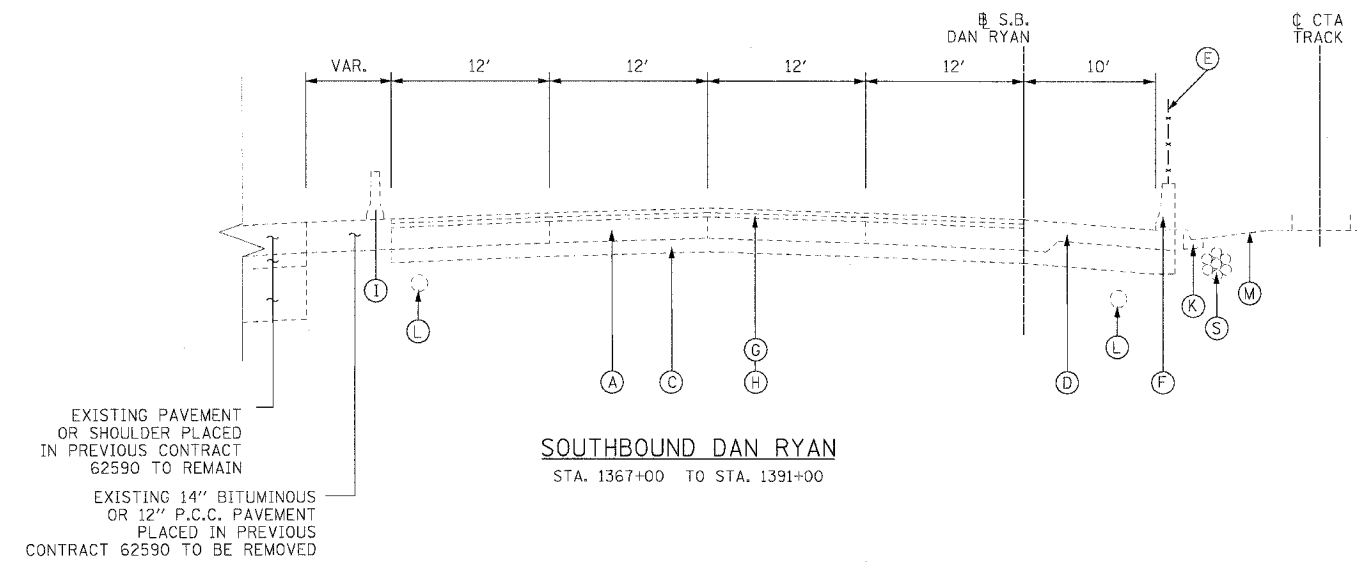
SCALE: NTS
 DATE: 07/07/05

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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

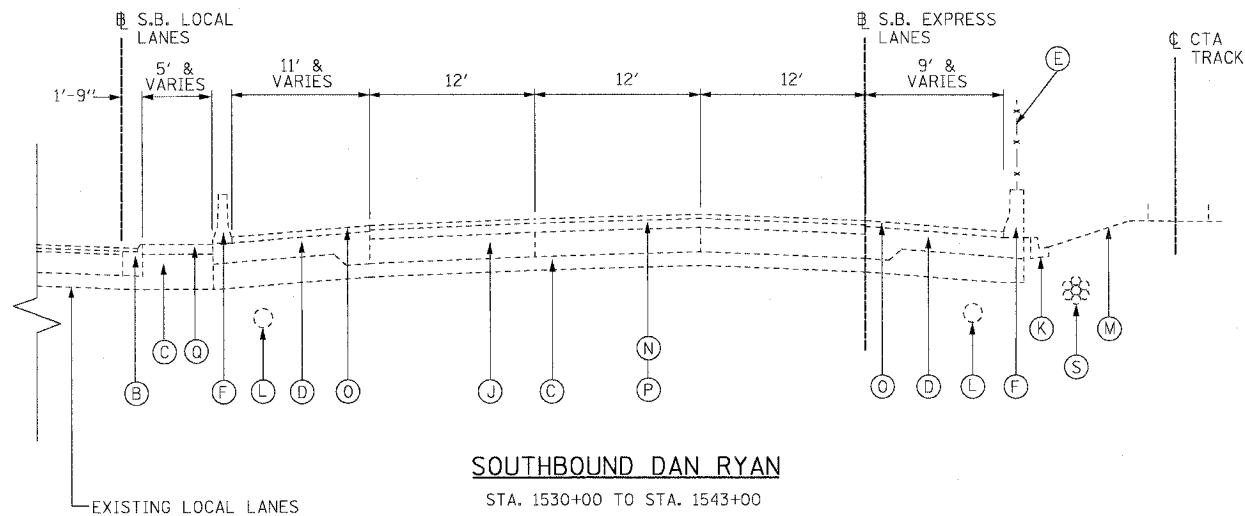
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
EXISTING TYPICAL SECTIONS
SOUTHBOUND DAN RYAN

SCALE: NONE
DATE: 7/7/05

DRAWN BY: TAI
CHECKED BY: PJM

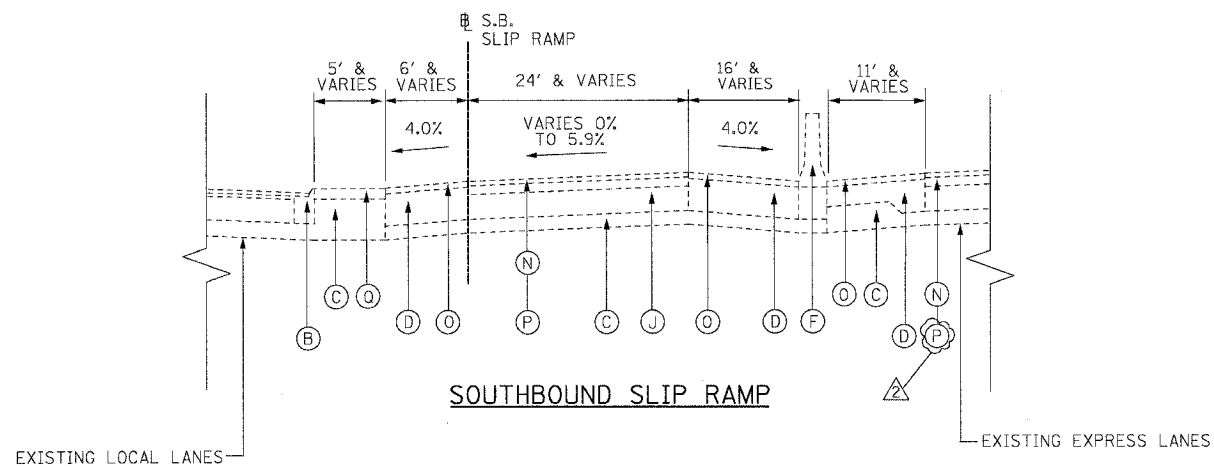


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SOUTHBOUND DAN RYAN
STA. 1530+00 TO STA. 1543+00

(AREA OF SLIP RAMP GOES FROM STA. 1543+00 TO STA. 1550+00 IS SIMILAR TO THE ABOVE SECTIONS)

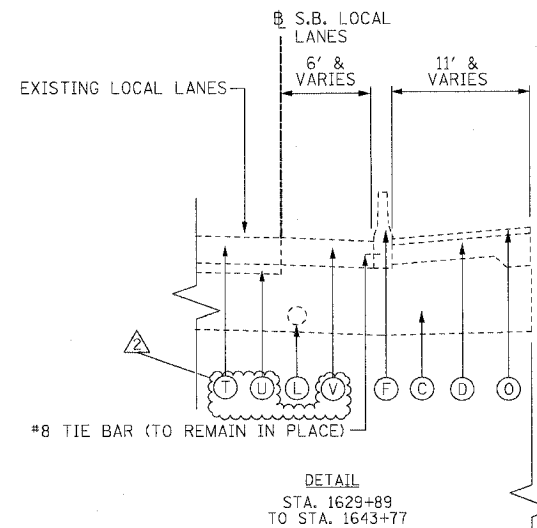


SOUTHBOUND SLIP RAMP

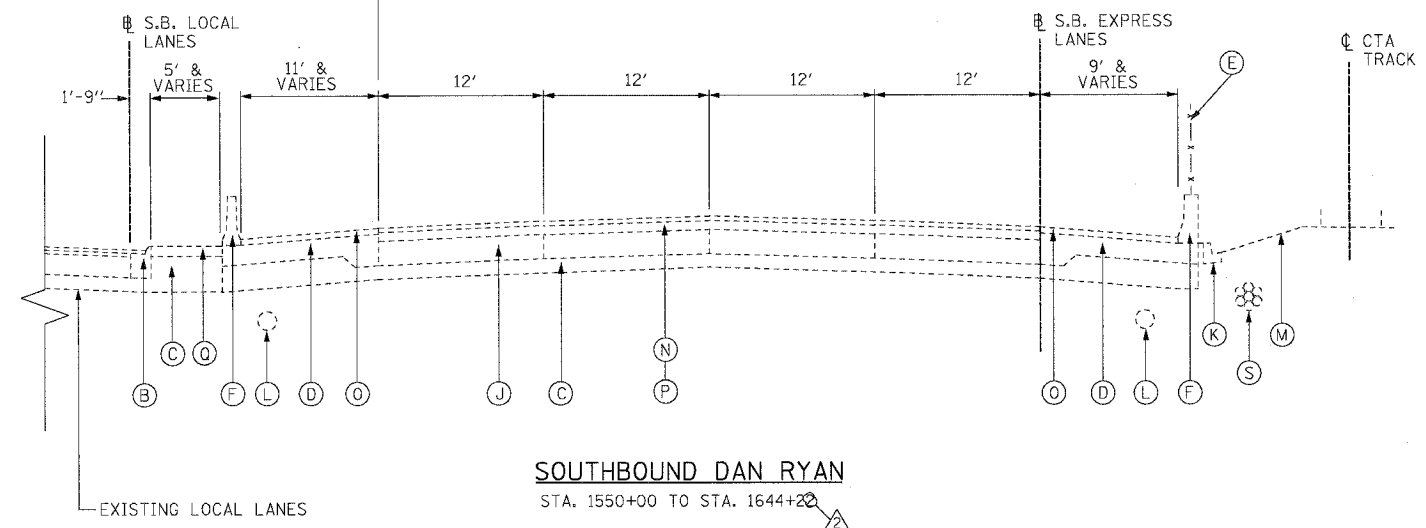
NOTES:

- THICKNESS OF EXISTING PAVEMENT AND SUB BASES ARE TAKEN FROM AS-BUILT PLANS.
- SUPERELEVATED SECTIONS ARE SIMILAR TO TANGENT SECTIONS.
- REMOVAL OF TYPE 34 COMBINATION CONCRETE CURB AND GUTTER SHALL BE PERFORMED AS REQUIRED. THIS REMOVAL WILL BE INCLUDED IN THE COST OF CTA BARRIER REMOVAL AND WILL NOT BE PAID FOR SEPARATELY.

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



DETAIL
STA. 1629+89
TO STA. 1643+77



SOUTHBOUND DAN RYAN
STA. 1550+00 TO STA. 1644+22

EXISTING CONDITIONS LEGEND

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

EXISTING VARYING DEPTH SUB-BASE GRANULAR MATERIAL	
STATION	DEPTH
1582+00 - 1586+33	18"
1586+33 - 1587+33	18" - 36"
1587+33 - 1605+48	36"
1605+48 - 1607+63	36" - 18"
1607+63 - 1608+58	18"
1608+58 - 1611+63	24" - 42"
1611+63 - 1618+63	42"
1618+63 - 1622+63	42" - 18"
1622+63 - 1627+13	18" - 42"
1627+13 - 1631+43	42"
1631+43 - 1636+13	42" - 18"
1636+13 - 1639+63	18" - 42"
1639+63 - 1644+22	42"

TYP-02

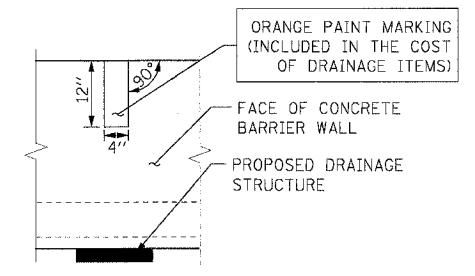
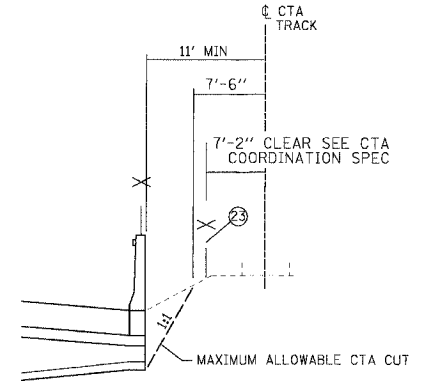
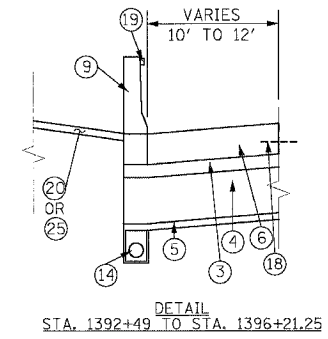
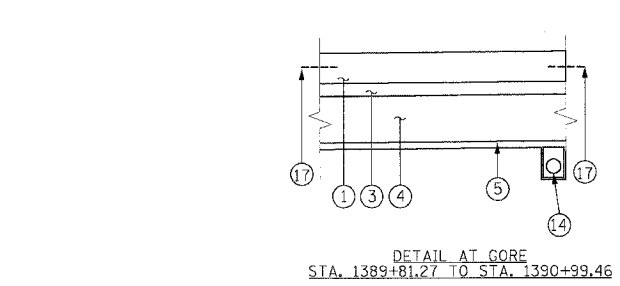
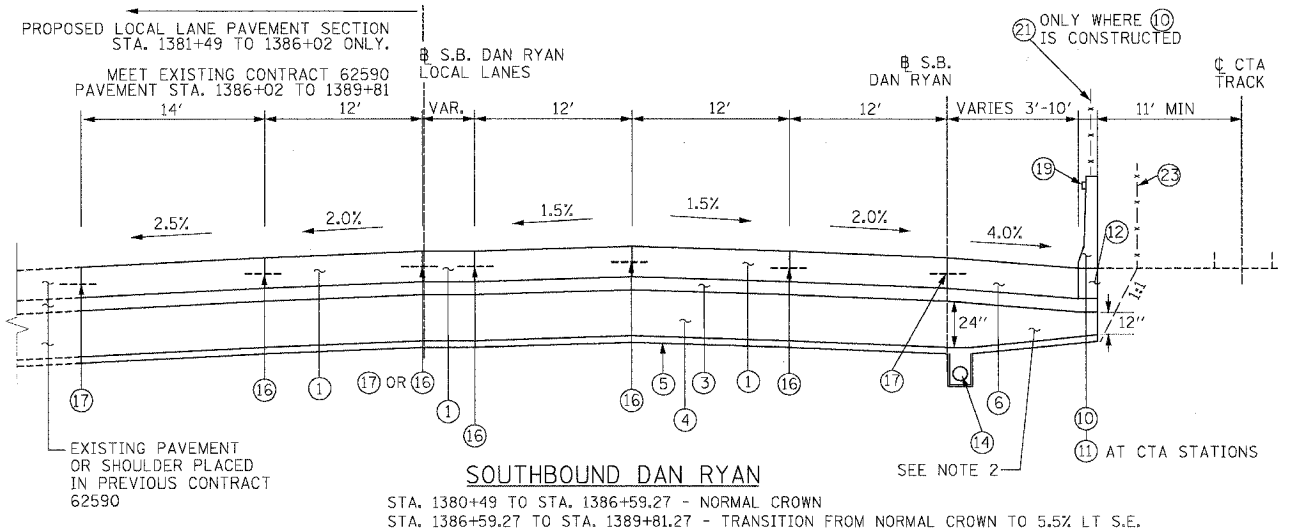
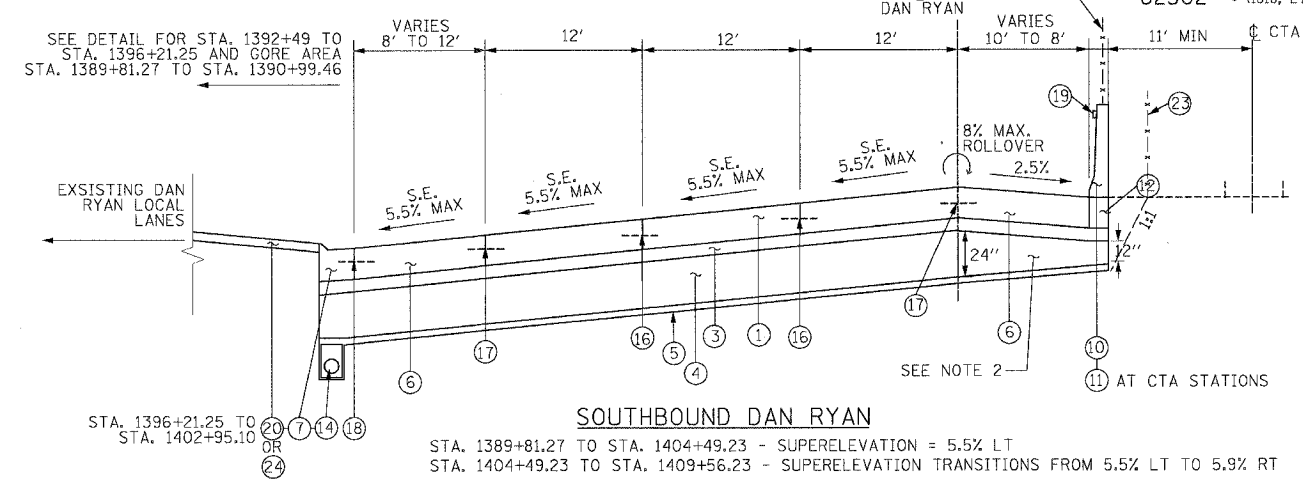
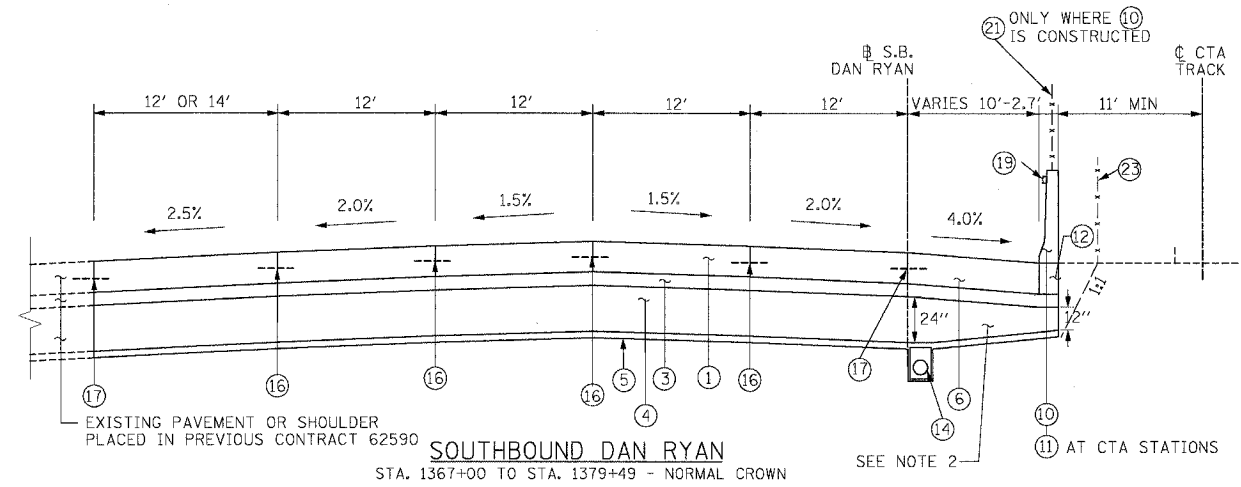
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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

SCALE: NTS
DATE: 07/07/05

DRAWN BY: TER
CHECKED BY: JDC

9/14/2005 9:05:09 AM



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 "E", 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 CUTTER, 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"

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

NOTES:

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

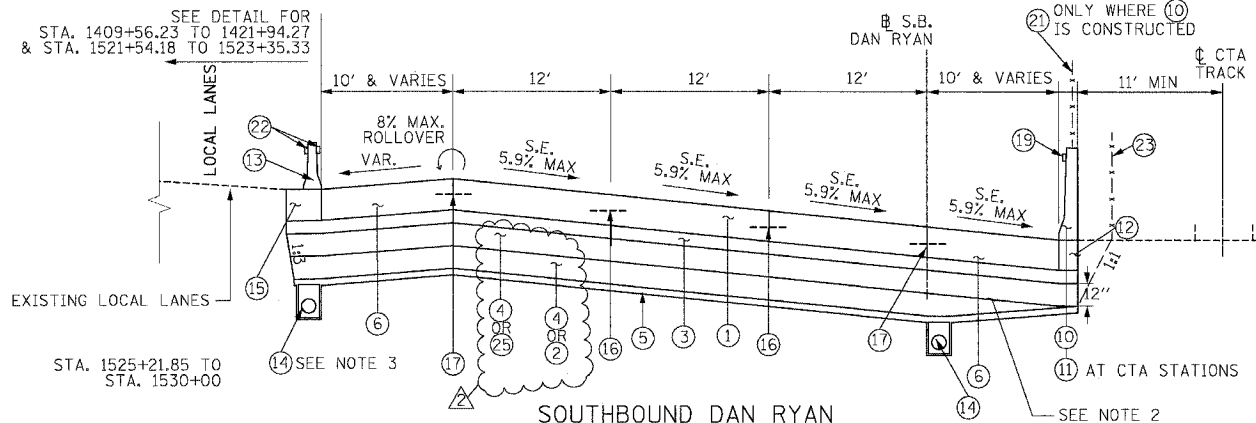
STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV= 125,272	SU= 10,930
ROAD/STREET CLASSIFICATION:	MU= 31,949
P= 8%	S= 37%
TRAFFIC FACTOR:	M= 37%
ACTUAL TF= 264.46	AC TYPE= N/A
MINIMUM TF= 12.39	
AC GRADE:	BINDER= -
SUBGRADE SUPPORT RATING: SR= 2.00	SURFACE= -

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

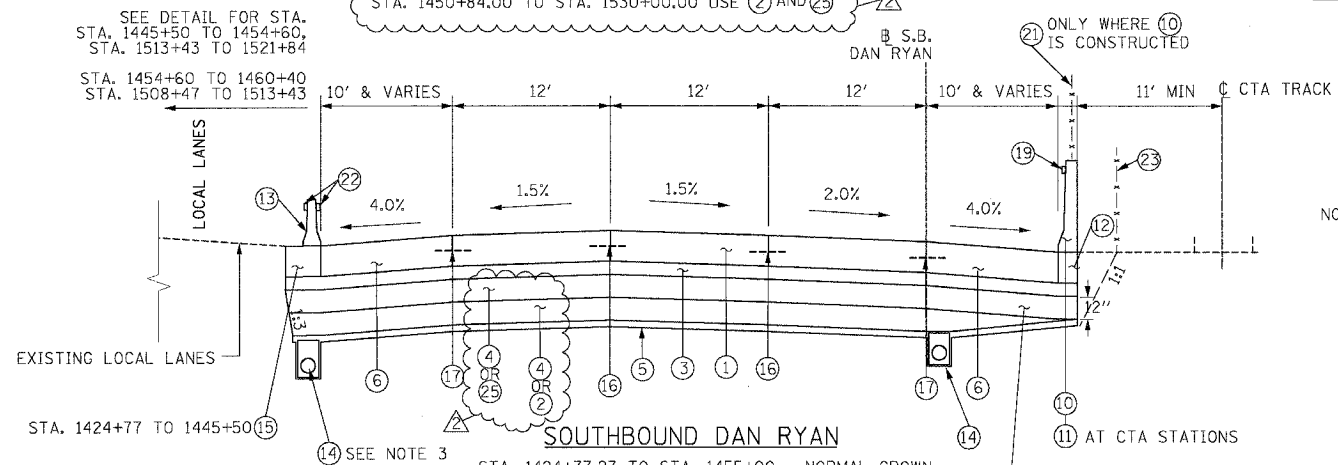
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 PROPOSED TYPICAL SECTIONS
 SOUTHBOUND DAN RYAN

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

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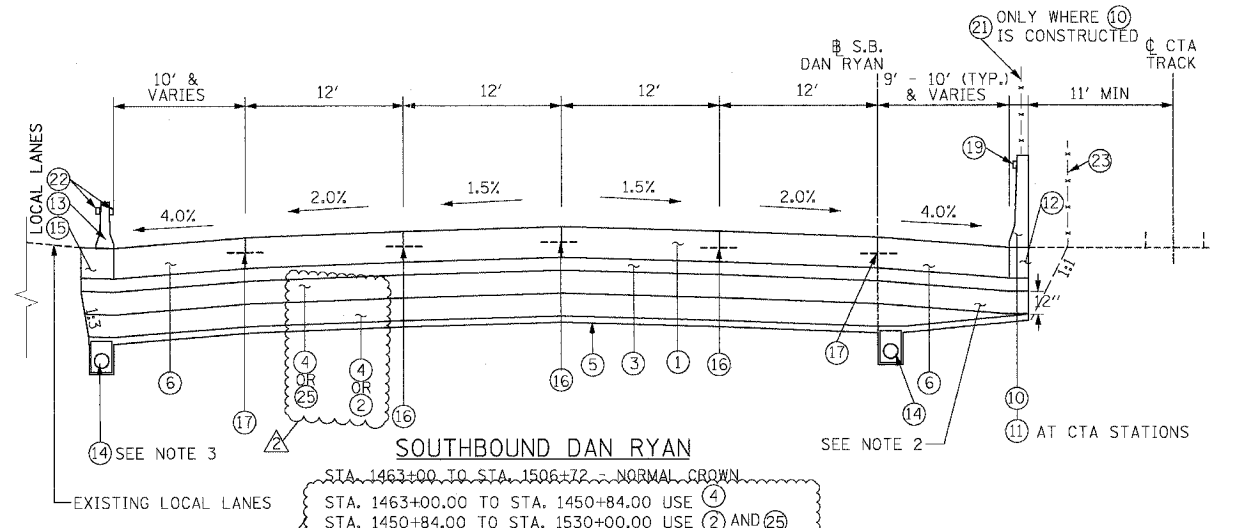
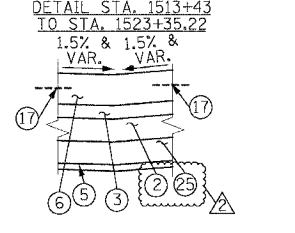
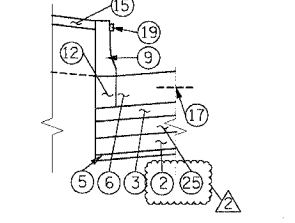
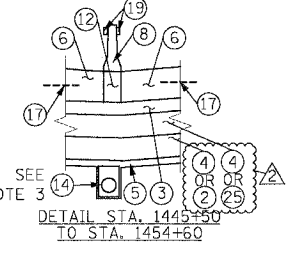
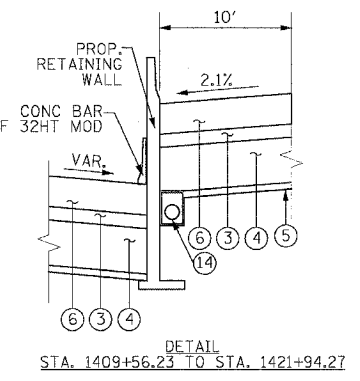
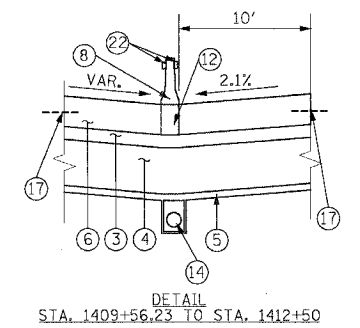


SOUTHBOUND DAN RYAN
 STA. 1409+56.23 TO STA. 1421+94.27 - SUPERELEVATION = 5.9% RT
 STA. 1421+94.27 TO STA. 1424+77.27 - TRANSITION FROM 5.9% RT S.E. TO NORMAL CROWN
 STA. 1521+84.18 TO STA. 1525+21.85 - TRANSITION FROM NORMAL CROWN TO 5.7% RT S.E.
 STA. 1525+21.85 TO STA. 1530+00.00 - SUPERELEVATION = 5.7% RT
 STA. 1409+56.23 TO STA. 1450+84.00 USE (4)
 STA. 1450+84.00 TO STA. 1530+00.00 USE (2) AND (25)

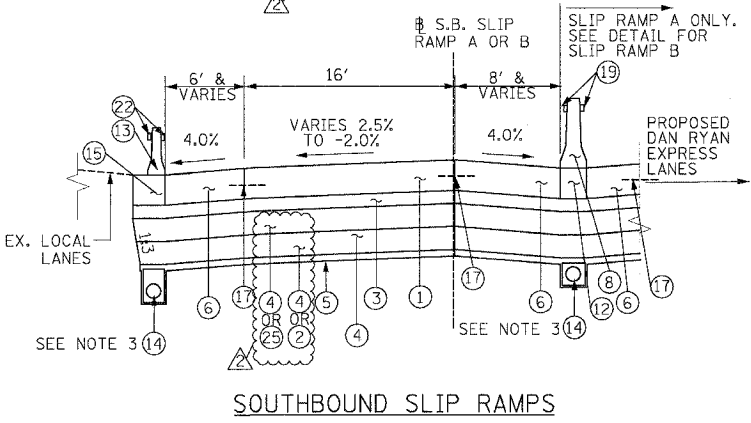


SOUTHBOUND DAN RYAN
 STA. 1424+77.27 TO STA. 1455+00 - NORMAL CROWN
 STA. 1508+47 TO STA. 1521+84.18 - NORMAL CROWN
 STA. 1424+77.27 TO STA. 1450+84.00 USE (4)
 STA. 1450+84.00 TO STA. 1521+84.18 USE (2) AND (25)

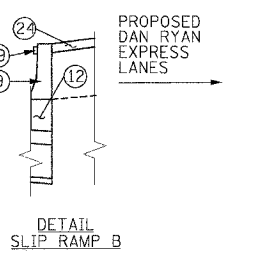
- PROPOSED LEGEND**
- | | |
|--|--|
| (1) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14" | (13) TEMPORARY CONCRETE BARRIER (TYPE & LOCATION AS INDICATED ON PLANS) |
| (2) EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL | (14) PIPE UNDERDRAINS 6" |
| (3) STABILIZED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



SOUTHBOUND DAN RYAN
 STA. 1463+00 TO STA. 1506+72 - NORMAL CROWN
 STA. 1463+00.00 TO STA. 1450+84.00 USE (4)
 STA. 1450+84.00 TO STA. 1530+00.00 USE (2) AND (25)



SOUTHBOUND SLIP RAMPS
 SB SLIP RAMP A
 STA. 310+40 TO STA. 312+00 - CROSS SLOPE VARIES 2.5% TO -2%
 SB SLIP RAMP B
 STA. 336+50 TO STA. 338+10 - CROSS SLOPE VARIES -2% TO 2.5%
 STA. 422+20.2 TO STA. 423+83.9 - CROSS SLOPE VARIES 2.5% TO -1.77%
 STA. 310+40.00 TO STA. 311+81.48 USE (4)
 STA. 311+81.48 TO STA. 423+83.9 USE (2) AND (25)



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

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

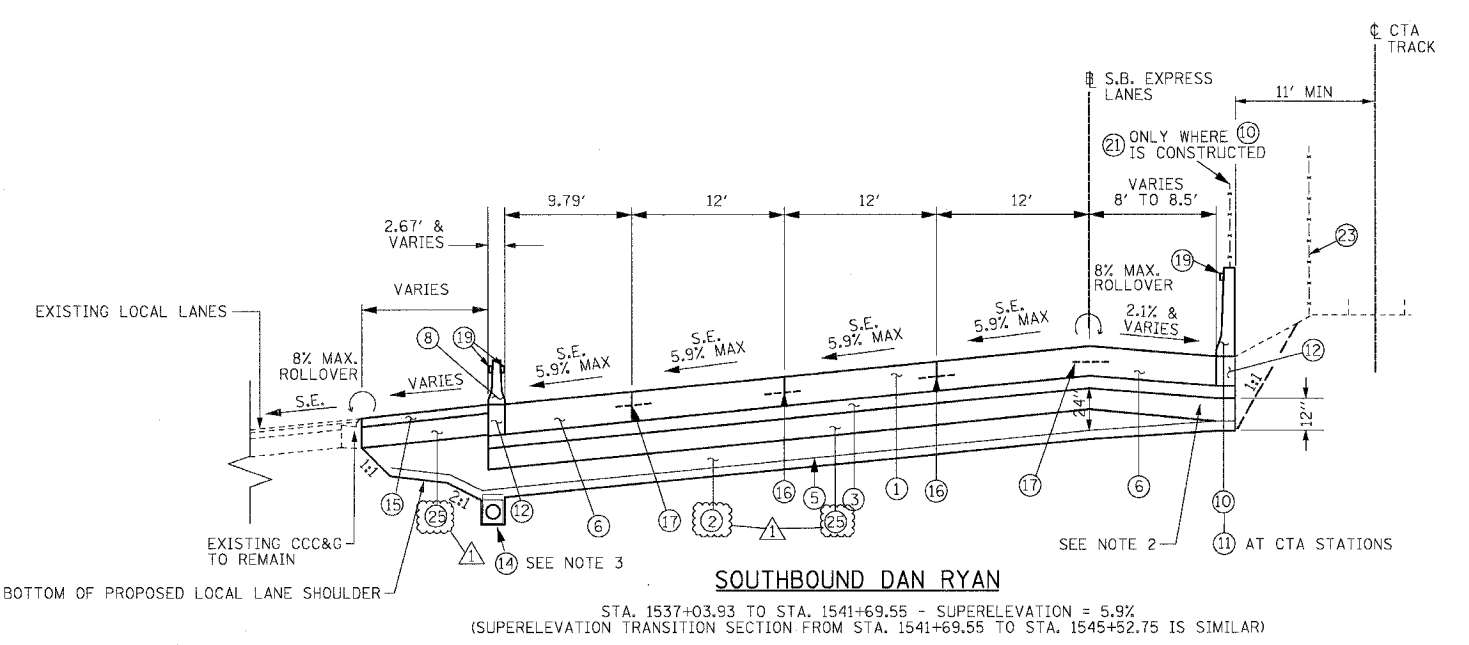
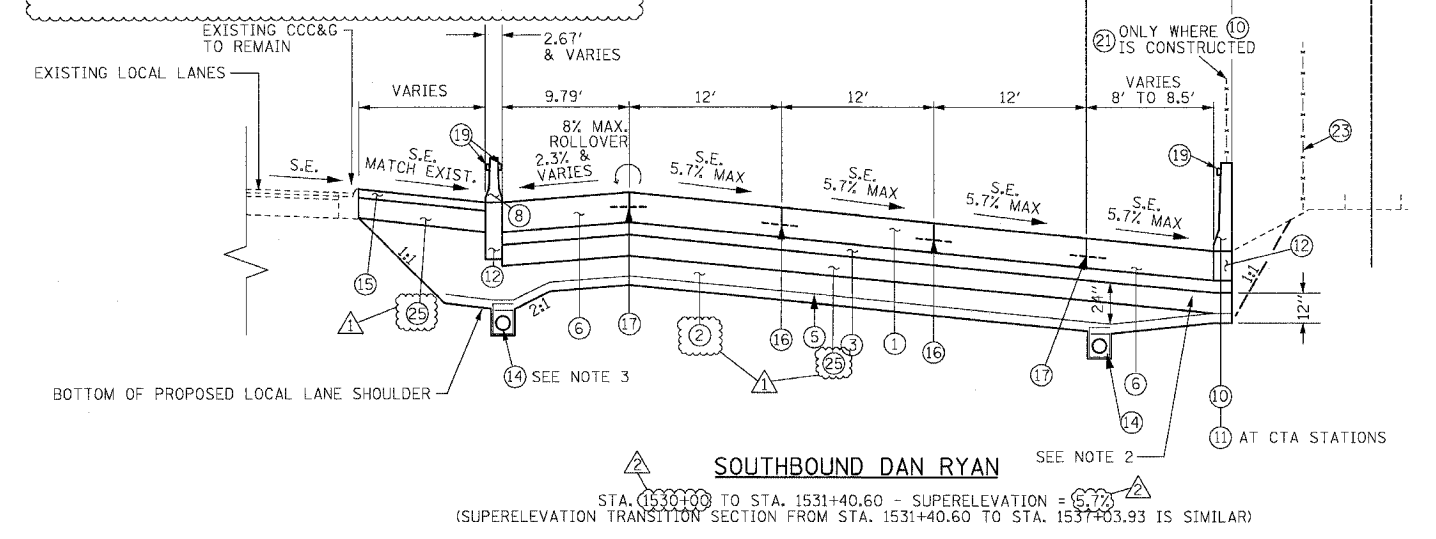
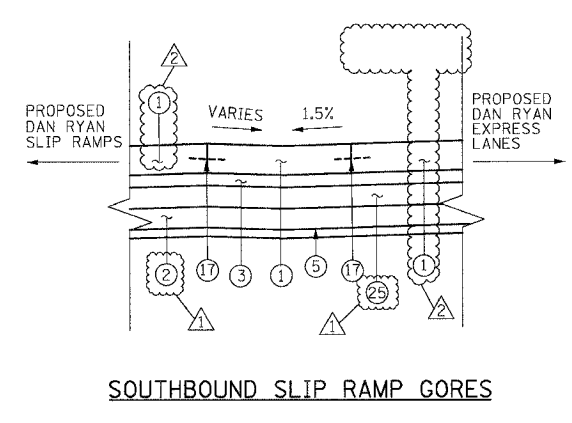
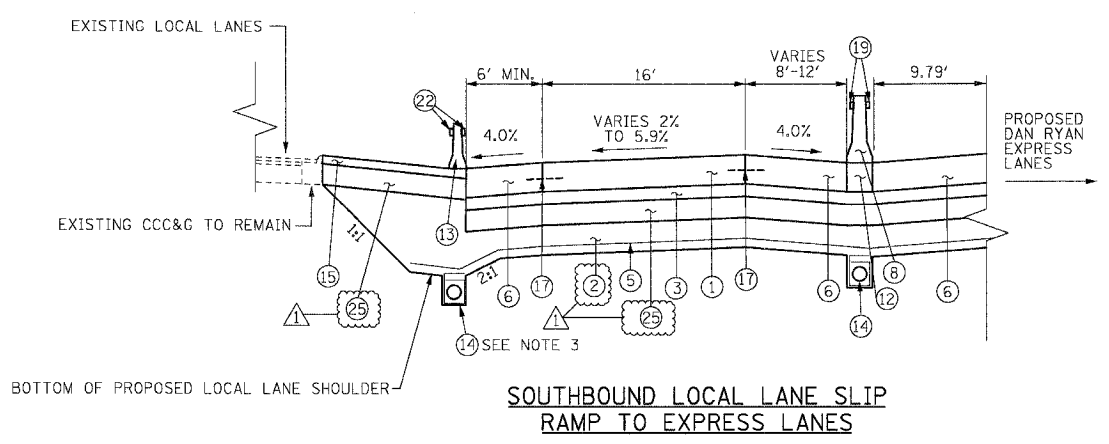
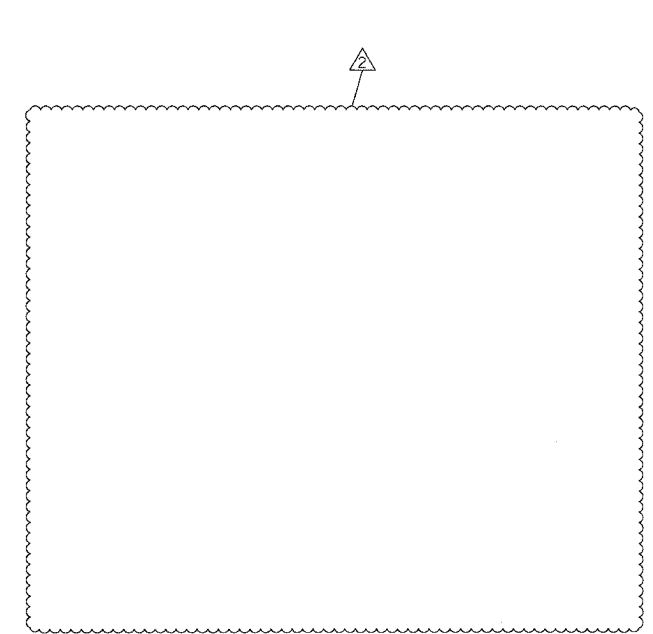
STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV= 125,272	SU= 10,930
MU= 31,949	ROAD/STREET CLASSIFICATION:
CLASS 1	P= 8%
S= 37%	M= 37%
TRAFFIC FACTOR:	ACTUAL TF= 264.46
AC TYPE= N/A	MINIMUM TF= 12.39
AC GRADE:	BINDER= -
SURFACE= -	SUBGRADE SUPPORT RATING: SR= 2.00

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



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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*1818, ETC, 2324.6-1PR-9			



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" |

NOTES:

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

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

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

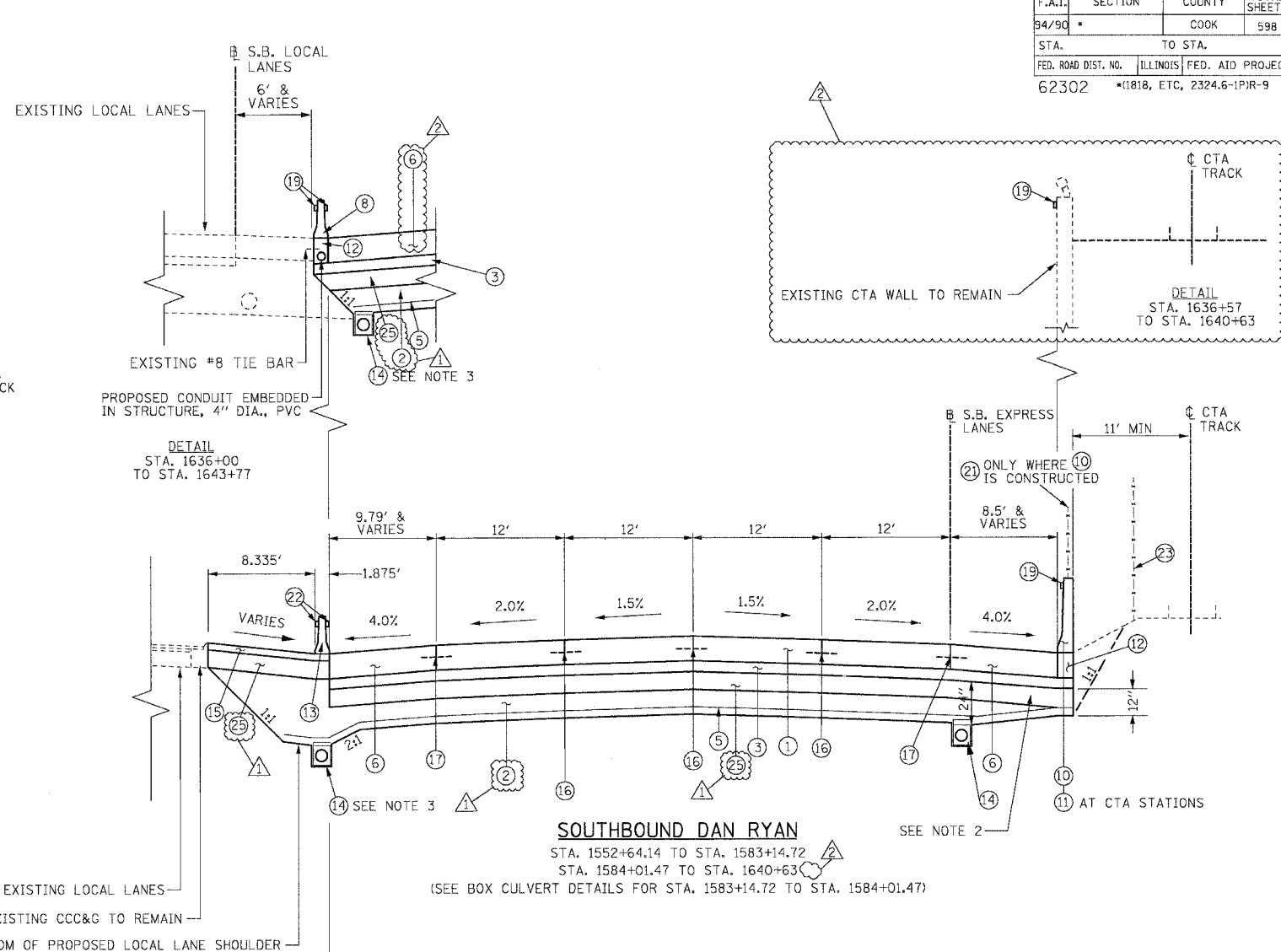
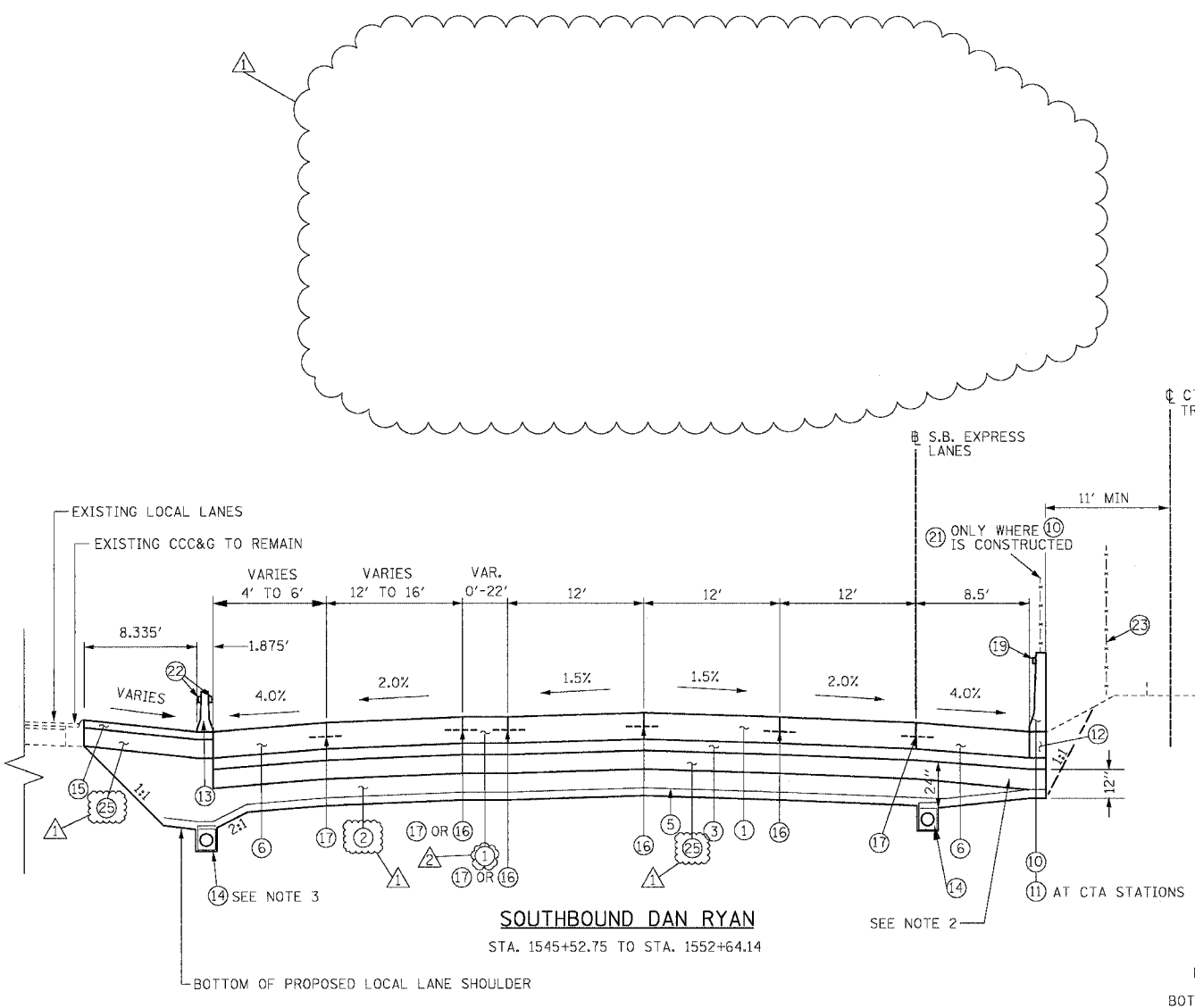
SCALE: NTS
 DATE: 07/07/05

DRAWN BY: TER
 CHECKED BY: JDC

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

16/06/25 AM 9/14/2005

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	*1818, ETC.	2324.6-1PIR-9		



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	
ADDENDUM 2	9/16/05	

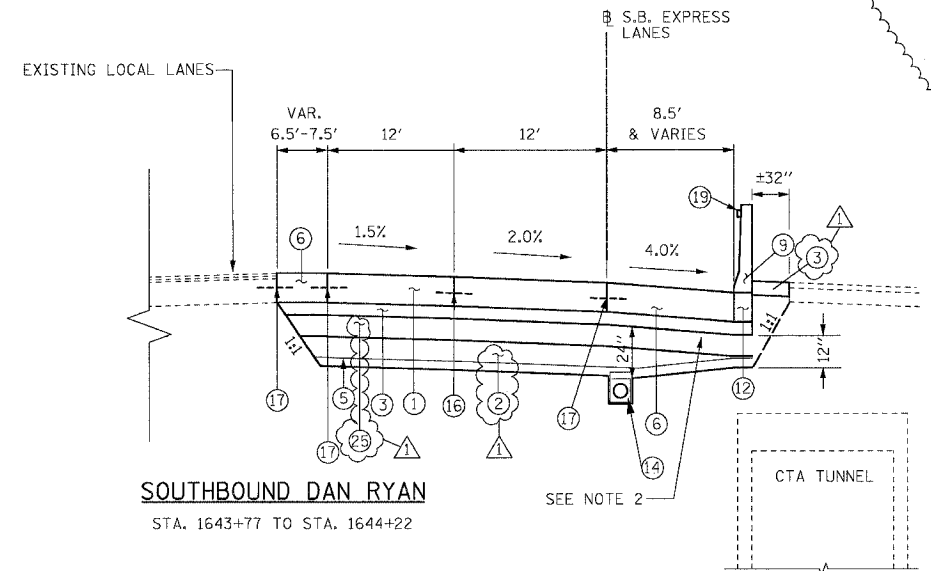
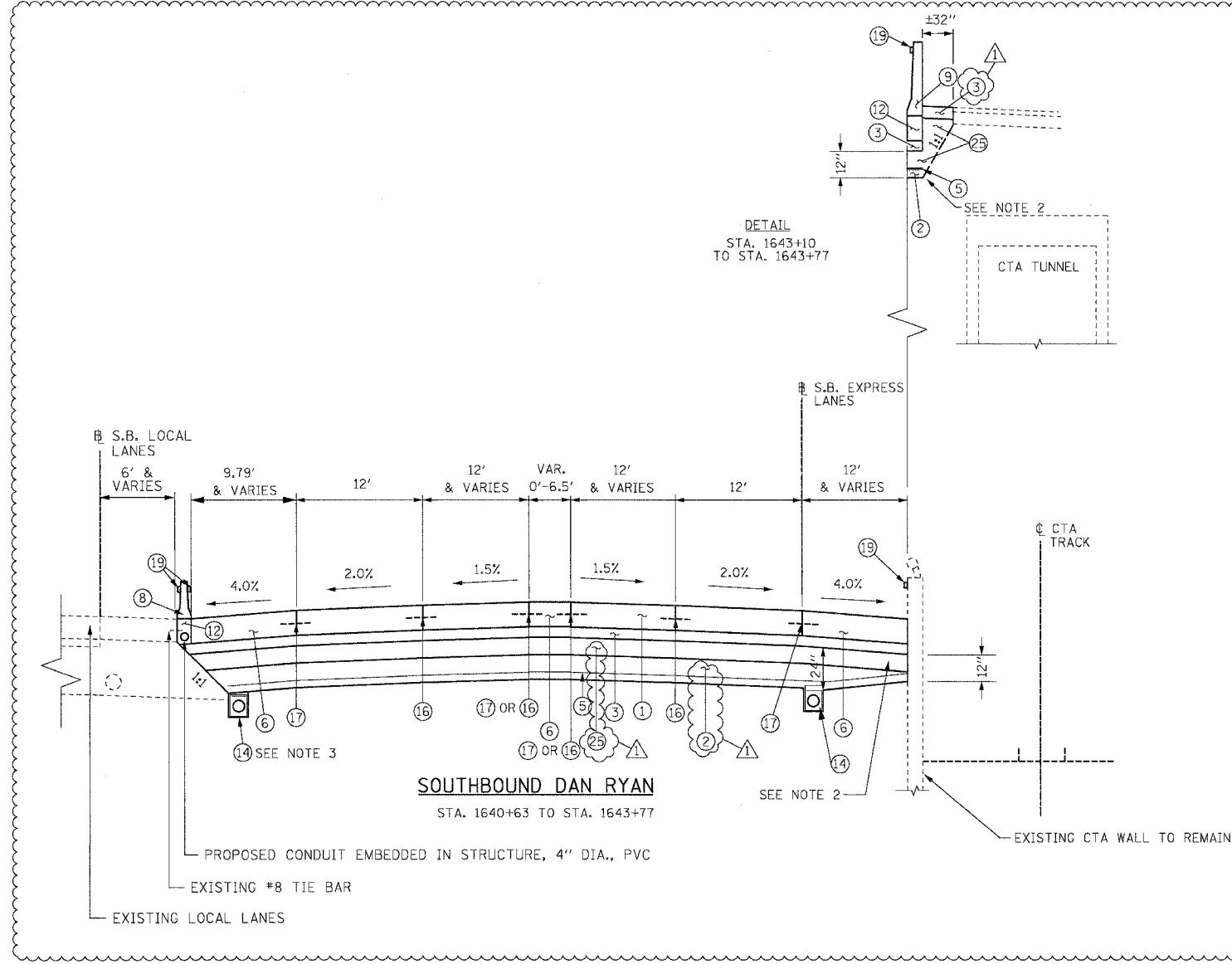
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
PROPOSED TYPICAL SECTIONS
SOUTHBOUND DAN RYAN

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

TYP-06

9/14/2005 06/07/AD AM

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., 2324.6-1PR-9			



SOUTHBOUND DAN RYAN
STA. 1640+63 TO STA. 1643+77

SOUTHBOUND DAN RYAN
STA. 1643+77 TO STA. 1644+22

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" |

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.
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- THE UNDERDRAIN WILL BE CONSTRUCTED TO PROVIDE FOR SUB-BASE DRAINAGE OF THE FUTURE LOCAL LANES. SEE PIPE UNDERDRAIN DETAILS.
- SEE SPECIAL PROVISIONS AND EARTHWORK SCHEDULE FOR REQUIREMENTS OF 'EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL'

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 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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TYP-07

9/14/2005

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	218	11528	
1382+00	1397+00	8536	8536	2559			11436	11436		11436	13800	11095	36
1397+00	1412+00	6000	6000	3485			10077	10077		10077		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		7074	7074	5035	11989		11474	
1457+00	1472+00	8547	8547	2964	712				14085	14085		13827	
1472+00	1487+00	8000	8000	3219	788				11874	11874		11752	
1487+00	1502+00	8000	8000	3181	828				12261	12261		12009	
1502+00	1517+00	10419	10419	3260	2096				16182	16182	2471	15775	
1517+00	1530+00	5771	5771	2850	1892				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	8557		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	4856		4685	
TOTAL		146669	146669	58370	10717	7712	215767	59674	166371	222820	20560	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
ADDENDUM 2	09/16/05

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

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	1488	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	2176	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	21211	21718	166	815	2676	1374	28985	445	674	24	20682

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	1847	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		24320	22239	6313

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REVISIONS	
NAME	DATE
ADDENDUM 1	08/12/05
ADDENDUM 2	09/16/05

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

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

R:\660\2005\CH\IN\SHEETS\6601\62302.dwg

		IMP ATTEN SU NAR TL3 (EACH)	IMP ATTEN SU WID TL3 (EACH)	IMP ATTEN NRD TL3 (EACH)	IMP ATTEN TEMP NRD TL3 (EACH)	IMPACT ATTENUATOR REM (EACH)	TR BAR TRM T1 SPL TAN (EACH)	TRAF BAR TERM T6 (EACH)
1367+00	1382+00				2			
1382+00	1397+00				2	2	1	1
1397+00	1412+00							
1412+00	1427+00					1		
1427+00	1442+00	1						
1442+00	1457+00					1		
1457+00	1472+00							
1472+00	1487+00							
1487+00	1502+00							
1502+00	1517+00					1		
1517+00	1530+00			1				
1530+00	1542+00	1				1		
1542+00	1554+00							
1554+00	1566+00							
1566+00	1578+00							
1578+00	1590+00							
1590+00	1602+00							
1602+00	1614+00							
1614+00	1626+00							
1626+00	1638+00				1			
1638+00	BBA END							
TOTAL		2	0	1	5	6	1	1

PAVEMENT PATCHING

ITEM	QUANTITY (SQ YD)
CLASS C PATCHES, TYPE I	25
CLASS C PATCHES, TYPE II	60
CLASS C PATCHES, TYPE III	50

BOWMAN, BARRETT & ASSOCIATES INC
CONSULTING ENGINEERS
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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
ROADWAY SCHEDULES
SCALE: 1"=N.T.S.
DATE: 07/07/05
DRAWN BY: RR
CHECKED BY: JDC

RSCH-04

06/28/2005 08:02:50 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

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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. 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:

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

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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
EARTHWORK SCHEDULE

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

DRAWN BY: KAR
CHECKED BY: DDM

EW-02A

8/19/2005 11:05:45 AM

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING REMOVAL (SQ FT)
PMK-1	5" 30'S - 10'D (W)	1367+00	1382+00	156
	5" 30'S - 10'D (W)	1367+00	1382+00	156
	4" SOLID (Y)	1367+00	1382+00	500
PMK-2	5" 30'S - 10'D (W)	1382+00	1392+49	109
	5" 30'S - 10'D (W)	1382+00	1392+49	109
	4" SOLID (Y)	1382+00	1392+49	350
	8" @ GORES	3382+96	3392+42	631
	8" @ GORES	3382+96	3392+42	631
	5" 30'S - 10'D (W)	3382+96	3411+46	297
	4" SOLID (Y)	3386+02	3388+85	94
	4" SOLID (W)	3386+02	3388+85	94
	4" SOLID (W)	3386+02	3411+46	848
	8" @ GORES	3388+85	3392+23	225
	8" @ GORES	3388+85	3392+23	225
	4" 6'S - 2'D (W)	3392+42	3396+74	36
	4" SOLID (Y)	3392+42	3396+74	144
	4" SOLID (Y)	3396+74	3406+92	339
	5" 30'S - 10'D (W)	3396+74	3411+46	153
4" SOLID (W)	3405+69	3406+92	41	
8" @ GORES	3406+92	3410+59	245	
8" @ GORES	3406+92	3410+59	245	
PMK-12	12" DIAGONAL	1382+01	1412+00	833
PMK-3	5" 30'S - 10'D (W)	3410+59	3411+46	9
	5" 30'S - 10'D (W)	3411+46	3420+15	91
	4" SOLID (Y)	3411+46	3426+94	516
	5" 30'S - 10'D (W)	3411+46	3426+94	161
	5" 30'S - 10'D (W)	3411+46	3426+94	161
	4" 6'S - 2'D (W)	3421+89	3421+89	15
	4" SOLID (W)	3411+46	3429+44	599
	4" SOLID (Y)	3426+94	3441+95	500
	5" 30'S - 10'D (W)	3426+94	3441+95	156
	5" 30'S - 10'D (W)	3426+94	3441+95	156
	8" @ GORES	3429+44	3432+91	231
	8" @ GORES	3429+44	3432+91	231
	4" SOLID (W)	3430+79	3437+83	235
	4" 6'S - 2'D (W)	3432+91	3435+88	25
	8" @ GORES	3435+88	3437+83	130
8" @ GORES	3435+88	3437+83	130	
4" SOLID (W)	3437+83	3441+95	137	
12" DIAGONALS	1412+00	1442+00	255	
PMK-4	4" SOLID (Y)	302+95	315+60	422
	4" SOLID (W)	310+25	317+95	257
	5" 30'S - 10'D (W)	3441+95	3443+73	19
	4" SOLID (W)	3441+95	3456+94	500
	5" 30'S - 10'D (W)	3441+95	3456+94	156
	4" 6'S - 2'D (W)	3456+08	3458+98	24
	4" SOLID (W)	3456+94	3463+07	204
	4" SOLID (Y)	3449+26	3471+94	756
	5" 30'S - 10'D (W)	3449+26	3471+94	236
	8" @ GORES	3445+29	3449+26	265
	8" @ GORES	3445+29	3449+26	265
	8" @ GORES	3458+98	3463+07	273
	8" @ GORES	3458+98	3463+07	273
	4" SOLID (W)	3463+07	3471+94	296
	12" DIAGONALS	1442+00	1472+00	637
PMK-5	4" SOLID (Y)	3471+94	3486+94	500
	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

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	PAVEMENT MARKING REMOVAL (SQ FT)
PMK-6	4" SOLID (W)	3501+92	3516+11	473
	4" SOLID (Y)	3501+92	3516+92	500
	5" 30'S - 10'D (W)	3501+92	3516+92	156
	4" 6'S - 2'D (W)	3510+76	3513+74	25
	8" @ GORES	3513+74	3516+12	159
	8" @ GORES	3513+74	3516+12	159
	8" @ GORES	3515+59	3516+92	89
	8" @ GORES	3515+59	3516+92	89
	4" SOLID (W)	3516+12	3516+92	27
	8" @ GORES	3516+92	3519+87	197
	8" @ GORES	3516+92	3519+87	197
	4" SOLID (Y)	3516+92	3530+16	441
	4" SOLID (W)	3516+92	3530+16	441
	5" 30'S - 10'D (W)	3516+92	3530+16	138
	8" 12'S - 3'D (W)	3519+87	3528+23	139
5" 30'S - 10'D (W)	3528+23	3530+16	20	
4" SOLID (Y)	3515+59	3516+92	44	
5" 30'S - 10'D (W)	3515+59	3530+16	607	
12" DIAGONAL	1502+00	1530+00	868	
STAGE I				
MOT-16	4" SOLID (W)	3530+00	3540+00	333
	4" SOLID (W)	3548+00	3553+90	197
	5" 30'S - 10'D (W)	3530+00	3553+90	498
	5" 30'S - 10'D (W)	3530+00	3541+00	115
	8" SOLID (W)	3540+00	3545+20	693
	8" SOLID (W)	3540+00	3541+00	133
	8" SOLID (W)	3547+50	3548+40	60
	4" 6'S - 2'D (W)	3545+20	3547+80	22
	12" SOLID (W)	3540+00	3545+20	42
MOT-17	4" SOLID (W)	3553+90	3561+40	
	4" SOLID (W)	3572+00	3577+90	446
	4" 2'D - 6'S (W)	3565+70	3570+00	36
	5" 10'D - 30'S (W)	3553+90	3577+90	500
	8" SOLID (W)	3561+60	3565+70	274
	12" SOLID (W)	3561+60	3565+70	36
MOT-18	4" SOLID (W)	3577+90	3582+20	143
	4" SOLID (W)	3591+17	3601+90	358
	5" 30'S - 10'D (W)	3577+90	3601+90	500
	4" 6'S - 2'D (W)	3582+20	3587+49	44
	8" SOLID (W)	3587+49	3591+17	245
	12" SOLID (W)	3587+49	3591+17	36
MOT-19	4" SOLID (W)	3601+90	3605+95	135
	4" SOLID (W)	3609+47	3619+50	334
	4" 6'S - 2'D (W)	3607+64	3609+47	15
	4" 6'S - 2'D (W)	3621+00	3624+00	25
	5" 10'D - 30'S (W)	3601+90	3625+90	500
	8" SOLID (W)	3605+95	3607+64	113
	8" SOLID (W)	3619+50	3621+00	100
	8" SOLID (W)	3624+00	3625+90	127
	12" SOLID (W)	3605+95	3607+64	15
	12" SOLID (W)	3619+50	3621+00	12
	12" SOLID (W)	3624+00	3625+90	12
MOT-20	4" SOLID (W)	3625+90	3635+95	335
	4" 2'D - 6'S (W)	3630+00	3638+93	74
	5" 10'D - 30'S (W)	3625+90	3635+95	209
MOT-21	5" 10'D - 30'S (W)	SB Franklin	Connector	169
			TOTAL	29,997

SHEET NUMBER	LINE DESCRIPTION	STATION	TO STATION	WORKZONE PAVEMENT MARKING REMOVAL (SQ FT)
STAGE IA				
MOT-4	4" SOLID (Y)	1363+37	1367+00	121
	4" SOLID (Y)	1367+00	1382+00	500
	4" SOLID (W)	1363+37	1367+00	121
	4" SOLID (W)	1367+00	1377+21	340
	4" SOLID (Y)	1369+45	1378+05	287
	4" SOLID (W)	1369+45	1382+00	418
	5" 30'S - 10' D	1363+37	1367+00	38
	5" 30'S - 10' D	1363+37	1367+00	38
	5" 30'S - 10' D	1367+00	1382+00	156
	5" 30'S - 10' D	1367+00	1382+00	156
	8" SOLID (W)	1363+37	1369+46	406
	8" SOLID (W)	1363+37	1369+46	406
	12" SOLID (W)	1363+37	1369+46	410
MOT-5	4" SOLID (Y)	1382+00	1397+00	500
	4" SOLID (W)	1382+00	1388+75	226
	4" SOLID (W)	3388+77	3396+74	266
	6'S - 2'D (W)	3390+70	3396+74	50
	6'S - 2'D (W)	3396+74	3399+55	23
	4" SOLID (W)	3396+74	3400+33	120
	4" SOLID (Y)	3396+74	3400+33	120
	5" 30'S - 10' D	3382+00	3396+74	154
	5" 30'S - 10' D	3396+74	3400+33	38
	5" 30'S - 10' D	3396+74	3400+33	38
	4" SOLID (W)	3400+33	3411+46	371
	4" SOLID (Y)	3400+33	3406+92	220
	4" SOLID (W)	3404+33	3406+92	86
	4" SOLID (Y)	3404+33	3411+46	229
	4" SOLID (Y)	3411+37	3411+46	1
	5" 30'S - 10' D	3400+33	3411+46	116
	5" 30'S - 10' D	3400+33	3411+46	116
	5" 30'S - 10' D	3404+59	3405+69	12
	8" SOLID (W)	3388+77	3390+70	129
	8" SOLID (W)	3388+77	3390+70	129
	8" SOLID (W)	3406+92	3411+37	297
	8" SOLID (W)	3406+92	3411+37	297
	12" SOLID (W)	3388+77	3390+70	100
	12" SOLID (W)	3406+92	3411+37	197
STAGE IB				
MOT-6	4" SOLID (Y)	1363+16	1367+00	128
	4" SOLID (W)	1365+54	1367+00	49
	4" SOLID (W)	1367+00	1370+00	100
	4" SOLID (Y)	1367+00	1370+00	100
	4" SOLID (W)	1367+00	1382+00	500
	5" 30'S - 10' D	1362+16	1367+00	50
	8" SOLID (W)	1363+16	1367+00	256
	8" SOLID (W)	1363+16	1367+00	256
MOT-7	4" SOLID (W)	3382+00	3388+77	226
	4" SOLID (W)	3389+68	3396+74	235
	4" SOLID (W)	3396+74	3400+33	120
	8" SOLID (W)	3388+77	3393+50	315
	8" SOLID (W)	3388+77	3393+50	315
	12" SOLID (W)	3388+77	3393+50	205

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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
SCHEDULE

SCALE: =NTS
DATE: 07/07/05

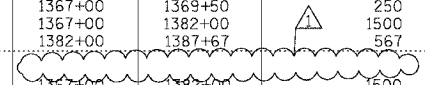
DRAWN BY: RA
CHECKED BY: RR

MSCH-01 8/12/2005 8:37 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	598	28
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	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 (W)	1367+00	1377+21	1021
	SOLID (Y)	1369+45	1378+05	860
	SOLID (W)	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 (W)	3396+74	3400+33	359
	SOLID (Y)	3396+74	3400+33	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

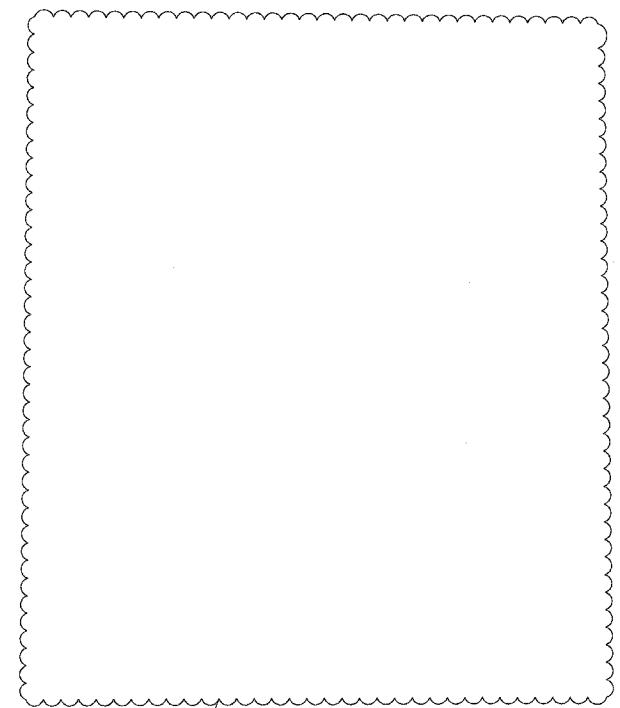
DRAWN BY: RA
CHECKED BY: RR

MSCH-03
8/11/2009

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 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	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	3630+03 3637+15 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



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

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
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: RR

9/16/05 11:29 AM

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" WHITE EDGE LINE	3396+74	3396+74	1500
	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
	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
PMK-4	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
	4" YELLOW EDGE LINE	1442+00	1457+00	1500
	4" WHITE EDGE LINE	1442+00	1454+67	1267
	PMK-5	4" YELLOW EDGE LINE	302+95	315+67
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
	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" YELLOW 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	1517+00	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	
	4" YELLOW EDGE LINE	1517+00	1530+00	1300	
	4" WHITE EDGE LINE	1517+00	1530+00	1300	
PMK-7	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	
	SOLID (Y)	3540+75	3554+90	1,415	
	6'S - 2'D (W)	3543+88	3547+50	362	
	PMK-8	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	
SOLID (Y)		3554+90	3577+90	2,300	
6'S - 2'D (W)		3565+64	3570+00	109	
PMK-9		EXPRESS			
		SOLID (W)	1578+00	1602+00	2,400
		SOLID (Y)	1578+00	1602+00	2,400
		LOCAL			
	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	
	PMK-10	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	
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	
PMK-11		EXPRESS			
		SOLID (W)	1626+00	1643+77	1,777
	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
	5" WHITE SKIP DASH	3382+01	3396+74	368
PMK-2	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	1397+00	1412+00	375
	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
PMK-4	5" WHITE SKIP DASH	1412+00	1427+00	375
	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
	5" WHITE SKIP DASH	3426+94	3441+95	375
PMK-5	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-6	5" WHITE SKIP DASH	1442+00	1457+00	375
	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
PMK-7	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
	5" WHITE SKIP DASH	1472+00	1487+00	375
	5" WHITE SKIP DASH	1472+00	1487+00	375
PMK-8	5" WHITE SKIP DASH	1487+00	1502+00	375
	5" WHITE SKIP DASH	1487+00	1502+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
PMK-9	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	1517+00	375
	5" WHITE SKIP DASH	1502+00	1517+00	375
PMK-10	5" WHITE SKIP DASH	1502+00	1517+00	375
	5" WHITE SKIP DASH	1502+00	1517+00	375
	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
PMK-11	5" WHITE SKIP DASH	1517+00	1530+00	325
	5" WHITE SKIP DASH	1517+00	1530+00	325
	5" WHITE SKIP DASH	3531+50	3531+50	36
	RIGHT TURN ONLY	1554+40	1554+40	36
	RIGHT TURN ONLY	1559+40	1559+40	36
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			
PMK-10	30'S - 10'D (W)	3554+90	3577+90	1,150
	EXPRESS			
	30'S - 10'D (W)	1578+00	1602+00	1,800
PMK-11	LOCAL			
	30'S - 10'D (W)	3577+90	3601+90	1,200
	EXPRESS			
PMK-12	30'S - 10'D (W)	1602+00	1626+00	1,800
	LOCAL			
	30'S - 10'D (W)	3601+90	3625+90	1,200
PMK-13	EXPRESS			
	30'S - 10'D (W)	1626+00	1640+70	1,103
	30'S - 10'D (W)	1640+70	1644+20	175
PMK-14	LOCAL			
	30'S - 10'D (W)	3625+90	3635+95	503
	30'S - 10'D (W)	SB FRANKLIN	CONNECTOR	405
TOTAL			27,987	

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
SB EXPRESS LANE RECONSTRUCTION
PAVEMENT MARKING
SCHEDULE
SCALE: =NTS
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: RR

953322 PM 8/11/2005

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	EXPRESS			
	SOLID (W)	1554+00	1554+45	45
	12'S - 3'D (W)	1554+45	1559+45	100
	LOCAL			
PMK-9	GORE	3561+47	3565+64	388
	GORE	3570+00	3571+96	285
	LOCAL			
PMK-10	GORE	3587+50	3591+17	400
	LOCAL			
PMK-11	GORE	3605+95	3607+64	191
	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	LOCAL			
	GORE	3571+96	3570+00	10
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.
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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

PSCH-02

8/11/2005 9:45:36 PM

62302 • (1818, ETC, 2324.6-1)PR-9

SIGN NO.	STATION	ROUTE	SIZE (HEIGHTxLENGTH)	TOTAL	130161094R059.5	ES2-05	PS1-02	PS2-01	PS2-02	PS2-03	PS2-04	ES4-01	ES4-02	ES4-03	PS4-01	PS4-02	180161094R058.2	1C016194R058.2	ES5-01	ES6-01	1C0161094R57.0	PS6-01	PS6-03	ES6-02	ES6-0	
	1379+48.01	94	(10'-6"x8')x2																							
SIGN PANEL - TYPE 1				SQ FT																						
SIGN PANEL - TYPE 2				SQ FT				20.3	16	40.5					16	16						16	16			
SIGN PANEL - TYPE 3				SQ FT	168					40	52						263	263				263				
SIGN PANEL OVERLAY				SQ FT																						
REMOVE SIGN PANEL - TYPE 2				SQ FT									16	16										16	16	
REMOVE SIGN PANEL - TYPE 3				SQ FT																						
RELOCATE SIGN PANEL - TYPE 3				SQ FT																						
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY				POUND	3150																					
TELESCOPING STEEL SIGN SUPPORT				FOOT	88																					
WOOD SIGN SUPPORT				FOOT	1070			12.5	12.5	25																
OVERHEAD SIGN STRUCTURE - SPAN, TYPE 1-A (4'-0" X 4'-6")				FOOT	217																					
OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")				FOOT	137																					
CONCRETE FOUNDATIONS				CU YD	10																					
OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")				FOOT	62																					
OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED				FOOT	84																					
OVERHEAD SIGN STRUCTURE WALKWAY				FOOT	272																					
DRILLED SHAFT CONCRETE FOUNDATIONS				CU YD	223																					
REMOVE OVERHEAD SIGN STRUCTURE - SPAN				EACH	9																					
REMOVE CONCRETE FOUNDATION - OVERHEAD				EACH	18																					
REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER				EACH	2																					
OVERHEAD SIGN STRUCTURE WALKWAY, CANTILEVER				FOOT	46																					
TEMPORARY INFORMATION SIGNING				SQ FT	957																					
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		
	3405+00	3405+00	1414+00	1414+00	3552+10				1476+22.5		
	94	94	94	94	94				94		
SIGN PANEL - TYPE 1											
SIGN PANEL - TYPE 2											
SIGN PANEL - TYPE 3											
SIGN PANEL OVERLAY											
REMOVE SIGN PANEL - TYPE 2											
REMOVE SIGN PANEL - TYPE 3											
RELOCATE SIGN PANEL - TYPE 3											
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY											
TELESCOPING STEEL SIGN SUPPORT											
WOOD SIGN SUPPORT											
OVERHEAD SIGN STRUCTURE - SPAN, TYPE 1-A (4'-0" X 4'-6")											
OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")										66.7	
CONCRETE FOUNDATIONS											
OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")											
OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED											
OVERHEAD SIGN STRUCTURE WALKWAY											
DRILLED SHAFT CONCRETE FOUNDATIONS										34.4	
REMOVE OVERHEAD SIGN STRUCTURE - SPAN											
REMOVE CONCRETE FOUNDATION - OVERHEAD											
REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER											
OVERHEAD SIGN STRUCTURE WALKWAY, CANTILEVER											
TEMPORARY INFORMATION SIGNING											
OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A										56	



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

SCH-01

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 DRAWN BY: RV
DATE: 07/07/05 CHECKED BY: MSA

9/9/2005 11:54:57 AM

PAY ITEM	SIGN NO.	1S0161094 R055.57	TS19-02	1C0161094 R055.33	TS20-01	ES10-01	1S0161094 R055.09	ES10-02	TS20-02	EXIT SIGNS	TS08-04	MILE MARKER	TS02-01	TS02-02 TS02-03	DETOUR GUIDE SIGNS	1S0161094 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			664	
SIGN PANEL - TYPE 2	SQ FT															
SIGN PANEL - TYPE 3	SQ FT									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						942	
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							1								
REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH							1								
OVERHEAD SIGN STRUCTURE WALKWAY, CANTILEVER	FOOT															
TEMPORARY INFORMATION SIGNING	SQ FT										111.0		45.0	83.0		



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

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

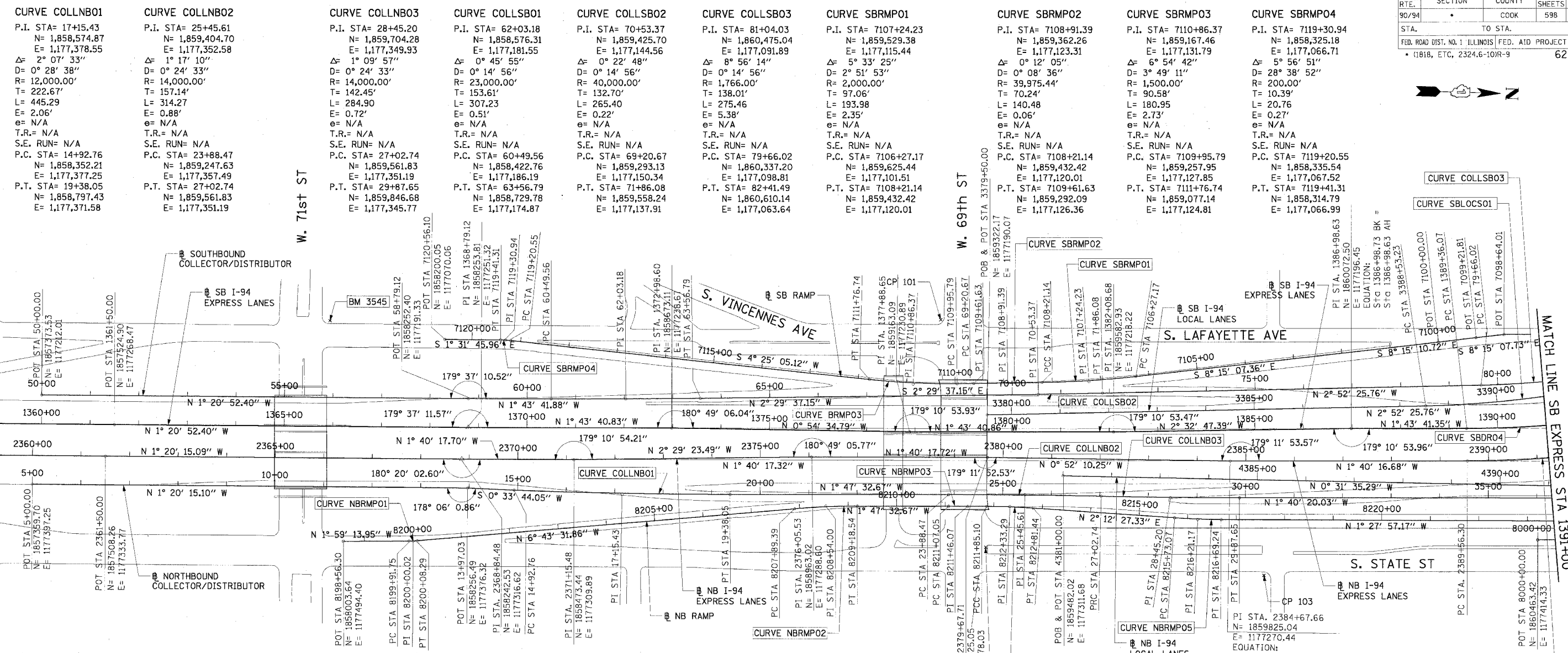
SCALE: NONE
DATE: 07/07/05

DRAWN BY: RV
CHECKED BY: MSA

SCH-03

11/55/05 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	598	35
STA.	TO STA.		FED. AID PROJECT	
			ILLINOIS	
			• (1818, ETC. 2324.6-101R-9	
			62302	



- BENCH MARK NO. 3528 ELEV. 16.20**
DESCRIPTION: CROSS CUT ON NORTHWESTERLY BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF 45TH ST AND WENTWORTH AVE
- BENCH MARK NO. 3530 ELEV. 18.18**
DESCRIPTION: CROSS CUT ON SOUTHEAST BOLT OF LIGHT POLE BASE AT THE NORTHWEST CORNER OF 51ST ST AND WELLS ST
- BENCH MARK NO. 3531 ELEV. 17.55**
DESCRIPTION: CROSS CUT ON NORTHEASTERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHEAST CORNER OF GARFIELD BLVD AND WELLS ST
- BENCH MARK NO. 3532 ELEV. 18.84**
DESCRIPTION: HORIZONTAL BOLT ON CTA "EL" STRUCTURE, EAST SIDE OF WELLS ST ABOUT 50 FEET NORTH OF 59TH PL.
- BENCH MARK NO. 3533 ELEV. 19.71**
DESCRIPTION: BRASS DISK (CTA MONUMENT) AT THE SOUTHWEST CORNER OF 63RD ST AND HARVARD ST

- BENCH MARK NO. 3535 ELEV. 19.31**
DESCRIPTION: FOUND CROSS CUT ON SOUTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHEAST CORNER OF 59TH ST AND WENTWORTH AVE
- BENCH MARK NO. 3536 ELEV. 18.37**
DESCRIPTION: CROSS CUT ON SOUTHEASTERLY FLANGE BOLT OF FIRE HYDRANT AT THE SOUTHEAST CORNER OF GARFIELD BLVD AND WENTWORTH AVE
- BENCH MARK NO. 3537 ELEV. 17.71**
DESCRIPTION: CROSS CUT ON NORTHEASTERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHEAST CORNER OF 51ST ST AND WENTWORTH AVE
- BENCH MARK NO. 3538 ELEV. 17.31**
DESCRIPTION: CROSS CUT ON EASTERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHEAST CORNER OF 47TH ST AND LASALLE ST
- BENCH MARK NO. 3544 ELEV. 19.38**
DESCRIPTION: CROSS CUT ON WESTERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF 67TH ST AND LAFAYETTE AVE
- BENCH MARK NO. 3545 ELEV. 10.53**
DESCRIPTION: CROSS CUT ON NORTHWEST BOLT OF LIGHT POLE BASE AT THE NORTHWEST CORNER OF 71ST ST AND LAFAYETTE AVE

- CURVE NBRMPO1**
P.I. STA= 8200+00.02
N= 1,858,147.27
E= 1,177,489.42
Δ= 4° 44' 18"
D= 28° 38' 52"
R= 200.00'
T= 8.27'
L= 16.54
E= 0.17'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 8199+91.75
N= 1,858,139.01
E= 1,177,489.70
P.T. STA= 8200+08.29
N= 1,858,155.49
E= 1,177,488.45
- CURVE NBRMPO2**
P.I. STA= 8208+54.00
N= 1,858,995.39
E= 1,177,389.40
Δ= 4° 55' 59"
D= 3° 49' 11"
R= 1,500.00'
T= 64.61'
L= 129.15
E= 1.39'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 8207+89.39
N= 1,858,931.22
E= 1,177,396.97
P.T. STA= 8209+18.54
N= 1,859,059.97
E= 1,177,387.38
- CURVE NBRMPO3**
P.I. STA= 8211+46.07
N= 1,859,287.39
E= 1,177,380.27
Δ= 0° 19' 12"
D= 0° 24' 36"
R= 13,976.00'
T= 39.03'
L= 78.05
E= 0.05'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 8211+07.05
N= 1,859,248.39
E= 1,177,381.49
P.T. STA= 8211+85.10
N= 1,859,326.41
E= 1,177,379.26
- CURVE NBRMPO4**
P.I. STA= 8212+33.29
N= 1,859,374.58
E= 1,177,378.02
Δ= 3° 40' 48"
D= 3° 49' 11"
R= 1,500.00'
T= 48.19'
L= 96.34
E= 0.77'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 8211+85.10
N= 1,859,326.41
E= 1,177,379.26
P.T. STA= 8212+81.44
N= 1,859,422.73
E= 1,177,379.88

REVISIONS	
NAME	DATE

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

ALIGNMENT PLAN

SCALE: 1"=100'
DATE: 7/7/05

DRAWN BY: NJH/AMM
CHECKED BY: JAL/MS



6/27/2005 09:17:34 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	598	37
STA. TO STA.		FED. AID PROJECT		
		• (1818, ETC, 2324.6-10)R-9 62302		

CURVE EKWELLO1
P.I. STA= 9+04.39
N= 1,861,874.35
E= 1,176,076.45
Δ= 10° 52' 16"
D= 5° 40' 05"
R= 1,010.83'
T= 96.18'
L= 191.79'
E= 4.56'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 8+08.21
N= 1,861,778.19
E= 1,176,078.94
P.T. STA= 10+00.00
N= 1,861,968.30
E= 1,176,055.87

CURVE EKWELLO2
P.I. STA= 10+99.36
N= 1,862,065.35
E= 1,176,034.61
Δ= 23° 41' 58"
D= 21° 47' 07"
R= 263.00'
T= 55.18'
L= 108.78'
E= 4.56'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 10+44.17
N= 1,862,011.45
E= 1,176,002.13
P.T. STA= 11+52.96
N= 1,862,109.97
E= 1,176,002.13

CURVE EKWELLO3
P.I. STA= 12+18.75
N= 1,862,163.15
E= 1,175,963.41
Δ= 2° 58' 46"
D= 2° 15' 54"
R= 2,529.60'
T= 65.78'
L= 131.54'
E= 0.85'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 11+52.96
N= 1,862,109.97
E= 1,175,963.41
P.T. STA= 12+18.75
N= 1,862,218.28
E= 1,175,927.50

CURVE EKWELLO4
P.I. STA= 13+72.28
N= 1,862,291.83
E= 1,175,879.60
Δ= 5° 48' 38"
D= 3° 18' 45"
R= 1,729.58'
T= 87.77'
L= 175.40'
E= 2.22'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 12+84.51
N= 1,862,218.28
E= 1,175,927.50
P.T. STA= 14+59.61
N= 1,862,369.86
E= 1,175,839.39

CURVE EKWELLO5
P.I. STA= 19+10.50
N= 1,862,770.39
E= 1,175,632.97
Δ= 12° 45' 31"
D= 6° 11' 38"
R= 925.00'
T= 103.41'
L= 205.97'
E= 5.76'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 18+07.09
N= 1,862,678.46
E= 1,175,680.34
P.T. STA= 20+13.07
N= 1,862,870.51
E= 1,175,607.06

CURVE EKWELLO6
P.I. STA= 21+01.89
N= 1,862,957.45
E= 1,175,589.82
Δ= 5° 16' 59"
D= 6° 48' 23"
R= 841.78'
T= 38.83'
L= 77.62'
E= 0.89'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 20+63.05
N= 1,862,918.90
E= 1,175,594.54
P.T. STA= 21+40.67
N= 1,862,996.27
E= 1,175,588.66

SPIRAL NBDRO1B
P.I. STA= 2410+35.55
N= 1,862,075.46
E= 1,176,284.87
Δ= 6° 30' 41"
LS= 348.44'
YS= 13.19'
XS= 347.99'
P= 3.30'
K= 174.15'
LT= 232.45'
ST= 116.29'
LC= 348.24'
T.S. STA= 2408+03.10
N= 1,861,914.79
E= 1,176,452.86
S.C. STA= 2411+51.54
N= 1,862,164.85
E= 1,176,210.49

CURVE EBSKY01
P.I. STA= 5001+75.92
N= 1,862,163.03
E= 1,176,022.04
Δ= 11° 35' 10"
D= 3° 18' 15"
R= 1734.00'
T= 173.92'
L= 350.64'
E= 8.90'
e= 5.6%
T.R.= 48' (96')
S.E. RUN= 135'
P.C. STA= 5000+00.00
N= 1,862,314.67
E= 1,175,932.87
P.T. STA= 5003+50.64
N= 1,862,032.38
E= 1,176,139.85

CURVE SBLOCS03
P.I. STA= 3411+09.43
N= 1,862,129.66
E= 1,176,041.66
Δ= 9° 54' 30"
D= 3° 18' 15"
R= 2476.00'
T= 214.63'
L= 428.19'
E= 9.29'
e= 5.0%
T.R.= 41'
S.E. RUN= 205'
P.C. STA= 3408+94.80
N= 1,861,966.12
E= 1,176,180.66
P.T. STA= 3413+22.99
N= 1,862,314.67
E= 1,175,932.87

CURVE SBDR05
P.I. STA= 1415+93.26
N= 1,862,464.42
E= 1,175,788.71
Δ= 44° 41' 46"
D= 3° 15' 20"
R= 1760.00'
T= 442.49'
L= 1372.97'
E= 142.93'
e= 5.9%
T.R.= 41' (41')
S.E. RUN= 262.17' (242')
P.C. STA= 1408+69.71
N= 1,861,964.32
E= 1,176,311.62
P.T. STA= 1422+42.67
N= 1,863,187.69
E= 1,175,768.74

CURVE SBLOCS04
P.I. STA= 3417+65.48
N= 1,862,696.11
E= 1,175,708.58
Δ= 28° 37' 52"
D= 3° 18' 15"
R= 1734.00'
T= 128.57'
L= 256.91'
E= 3.29'
e= 6.0%
T.R.= N/A
S.E. RUN= 156.14' (145')
P.C. STA= 3413+22.99
N= 1,862,314.67
E= 1,175,932.87
P.T. STA= 3421+89.48
N= 1,863,138.37
E= 1,175,694.49

CURVE WBSKYE03
P.I. STA= 6018+27.62
N= 1,862,087.91
E= 1,176,346.40
Δ= 5° 51' 27"
D= 3° 16' 48"
R= 2513.00'
T= 128.57'
L= 256.91'
E= 3.29'
e= 6.0%
T.R.= N/A
S.E. RUN= 156.14' (145')
P.C. STA= 6016+99.05
N= 1,862,003.26
E= 1,176,443.17
P.T. STA= 6019+55.97
N= 1,862,181.99
E= 1,176,258.78

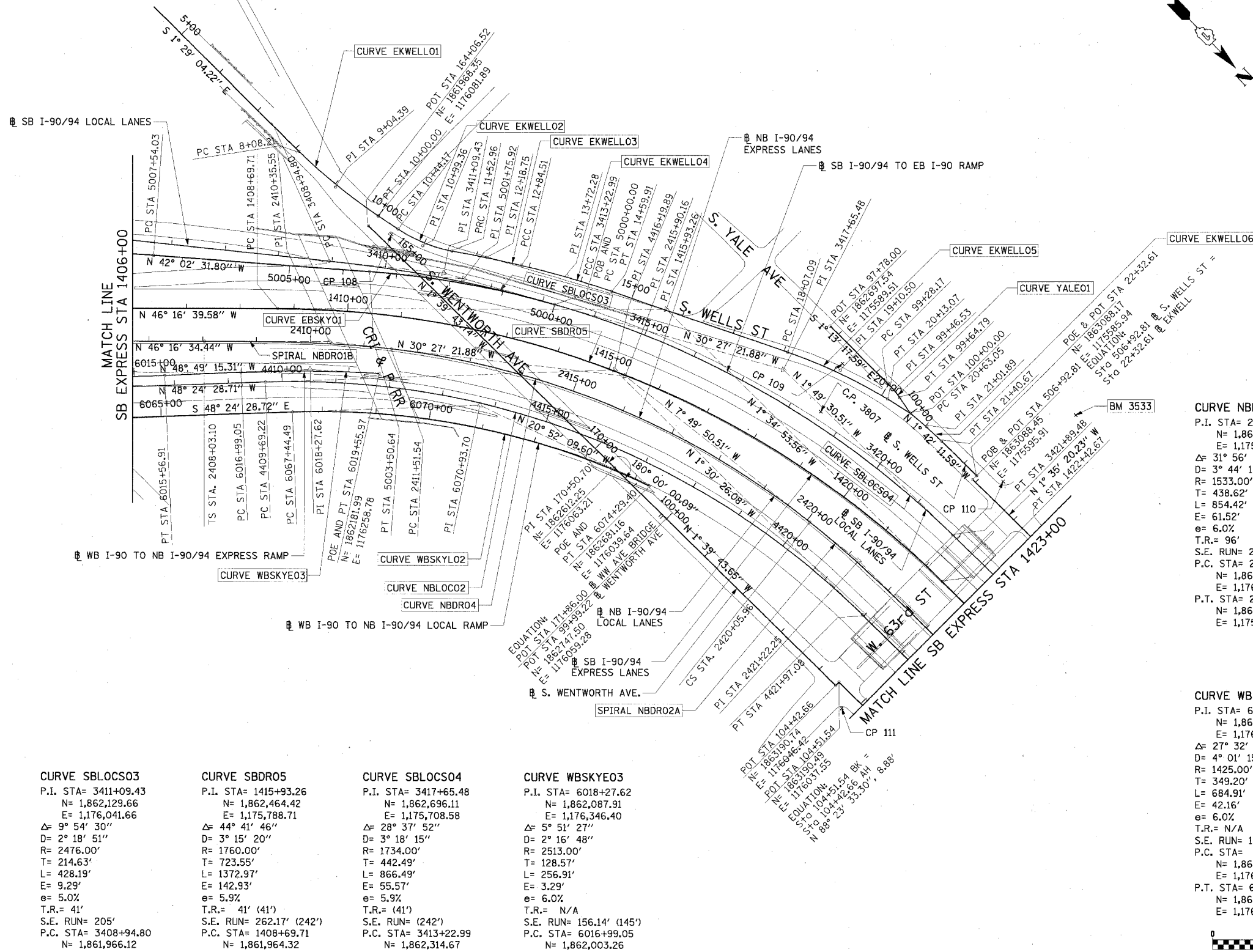
CURVE NBLOCO2
P.I. STA= 4416+19.89
N= 1,862,479.88
E= 1,175,936.27
Δ= 46° 54' 02"
D= 3° 49' 11"
R= 1500.00'
T= 650.67'
L= 1227.85'
E= 135.05'
e= 6.0%
T.R.= 41' (96')
S.E. RUN= 277.55' (246')
P.C. STA= 4409+69.22
N= 1,862,047.95
E= 1,176,422.90
P.T. STA= 4421+97.08
N= 1,863,130.33
E= 1,175,919.15

CURVE NBDR04
P.I. STA= 2415+90.16
N= 1,862,502.01
E= 1,175,929.93
Δ= 31° 56' 02"
D= 3° 44' 15"
R= 1533.00'
T= 438.62'
L= 854.42'
E= 61.52'
e= 6.0%
T.R.= 96'
S.E. RUN= 246'
P.C. STA= 2411+51.54
N= 1,862,164.85
E= 1,176,210.49
P.T. STA= 2420+05.96
N= 1,862,936.54
E= 1,175,870.16

SPIRAL NBDRO2A
P.I. STA= 2421+22.25
N= 1,863,051.74
E= 1,175,854.32
Δ= 6° 30' 41"
LS= 348.44'
YS= 13.19'
XS= 347.99'
P= 3.30'
K= 174.15'
LT= 232.45'
ST= 116.29'
LC= 348.24'
C.S. STA= 2420+05.96
N= 1,862,936.54
E= 1,175,870.16
S.T. STA= 2423+54.40
N= 1,863,284.13
E= 1,175,848.97

CURVE WBSKYLO2
P.I. STA= 6070+93.70
N= 1,862,354.86
E= 1,176,164.04
Δ= 27° 32' 19"
D= 4° 01' 15"
R= 1425.00'
T= 349.20'
L= 684.91'
E= 42.16'
e= 6.0%
T.R.= N/A
S.E. RUN= 129'
P.C. STA= 6067+44.49
N= 1,862,123.05
E= 1,176,425.21
P.T. STA= 6074+29.40
N= 1,862,681.16
E= 1,176,039.64

CURVE YALE01
P.I. STA= 99+46.53
N= 1,862,866.03
E= 1,175,585.91
Δ= 10° 29' 32"
D= 28° 38' 52"
R= 200.00'
T= 18.36'
L= 36.62'
E= 0.84'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 99+28.17
N= 1,862,847.67
E= 1,175,586.30
P.T. STA= 99+64.79
N= 1,862,884.15
E= 1,175,588.87



NOTES:

1. AVERAGE GRID TO GROUND CONVERSION FACTOR = 1.000010988654360
2. FOR BENCH MARK INFORMATION, SEE SHEET 1 OF ALIGNMENT PLAN SHEETS.

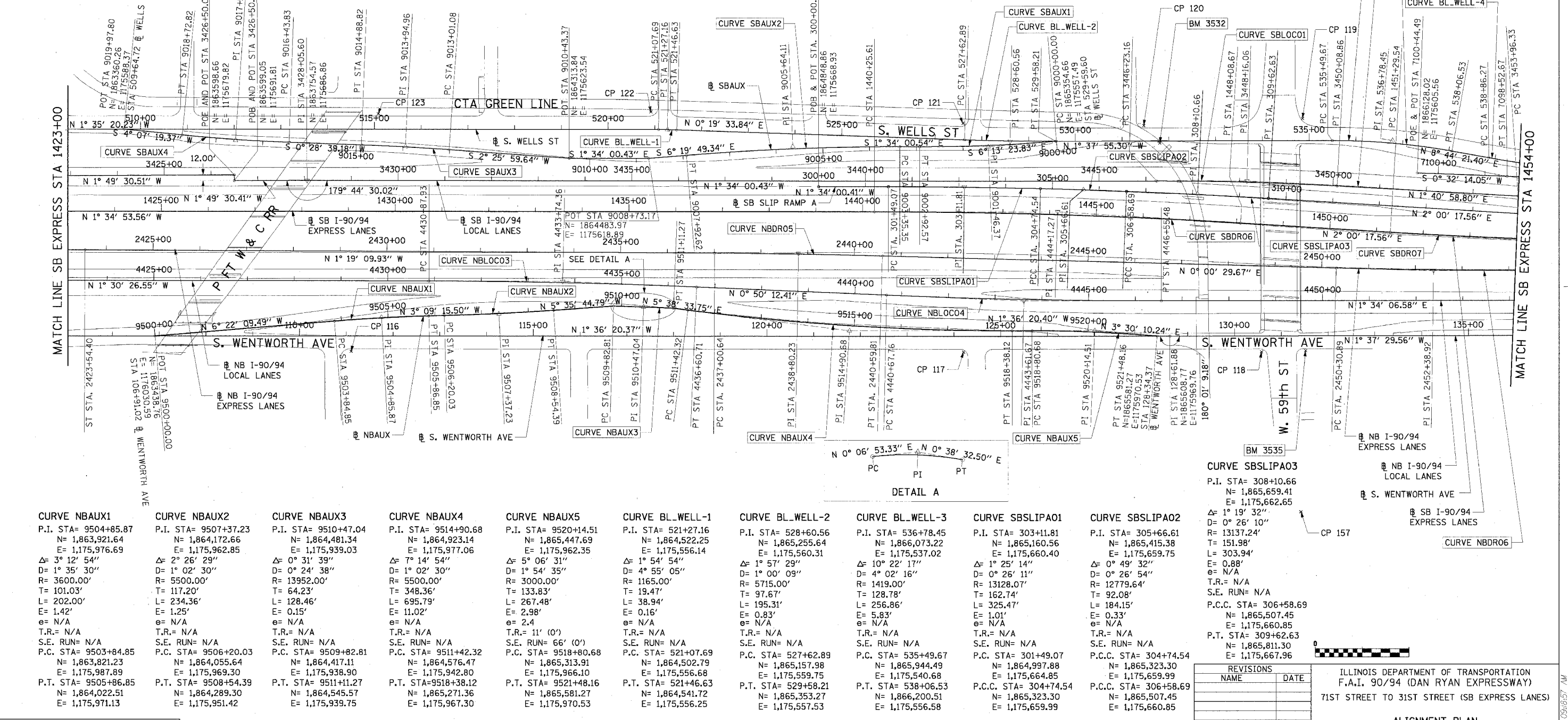
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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) 71ST STREET TO 31ST STREET (SB EXPRESS LANES) ALIGNMENT PLAN
NAME	DATE	
		SCALE: 1"=100' DATE: 7/7/05 DRAWN BY: NUH/AMM CHECKED BY: JAL/MS

06/24/2005 09:16:25 AM

CURVE SBAUX1	CURVE SBAUX2	CURVE SBAUX3	CURVE SBAUX4	CURVE SBLOCO1	CURVE SBDR06	CURVE SBDR07	CURVE NBDRO5	CURVE NBDRO6	CURVE NBLOCO3	CURVE NBLOCO4
P.I. STA= 9001+46.37 N= 1,865,209.16 E= 1,175,573.36 Δ= 4° 39' 23" D= 1° 35' 30" R= 3600.00' T= 146.37' L= 292.57' E= 2.97' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 9000+00.00 N= 1,865,354.66 E= 1,175,557.49 P.T. STA= 9002+92.57 N= 1,865,062.84 E= 1,175,577.36	P.I. STA= 9005+64.11 N= 1,864,791.41 E= 1,175,584.78 Δ= 4° 45' 49" D= 1° 02' 30" R= 5500.00' T= 228.77' L= 457.27' E= 4.76' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 9003+35.35 N= 1,865,020.09 E= 1,175,578.53 P.T. STA= 9007+92.62 N= 1,864,564.03 E= 1,175,610.01	P.I. STA= 9013+94.96 N= 1,863,962.56 E= 1,175,608.62 Δ= 1° 57' 20" D= 1° 02' 30" R= 5500.00' T= 93.88' L= 187.72' E= 0.80' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 9013+01.08 N= 1,864,056.35 E= 1,175,612.60 P.T. STA= 9014+88.82 N= 1,863,868.69 E= 1,175,607.83	P.I. STA= 9017+58.36 N= 1,863,599.16 E= 1,175,605.59 Δ= 3° 38' 40" D= 1° 35' 30" R= 3600.00' T= 114.53' L= 228.99' E= 1.82' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 9016+43.83 N= 1,863,713.69 E= 1,175,606.54 P.T. STA= 9018+72.82 N= 1,863,484.92 E= 1,175,597.35	P.I. STA= 3448+16.06 N= 1,865,764.28 E= 1,175,631.89 Δ= 3° 14' 59" D= 0° 50' 33" R= 6800.00' T= 192.90' L= 385.69' E= 6.00' e= 2.5% T.R.= 41' (41') S.E. RUN= 103' (103') P.C. STA= 3446+23.16 N= 1,865,571.45 E= 1,175,637.16 P.T. STA= 3450+08.86 N= 1,865,957.09 E= 1,175,637.55	P.I. STA= 1444+17.27 N= 1,865,361.46 E= 1,175,708.72 Δ= 3° 35' 11" D= 0° 27' 29" R= 12510.00' T= 391.66' L= 783.06' E= 6.13' e= NC T.R.= N/A S.E. RUN= N/A P.C. STA= 1440+25.61 N= 1,864,969.95 E= 1,175,719.53 P.T. STA= 1448+08.67 N= 1,865,752.88 E= 1,175,722.42	P.I. STA= 1455+16.63 N= 1,866,460.40 E= 1,175,747.19 Δ= 3° 33' 11" D= 0° 27' 31" R= 12490.00' T= 387.09' L= 773.94' E= 6.13' e= NC T.R.= N/A S.E. RUN= N/A P.C. STA= 1451+29.54 N= 1,866,073.55 E= 1,175,733.65 P.T. STA= 1459+03.48 N= 1,866,847.36 E= 1,175,736.75	P.I. STA= 2438+80.23 N= 1,864,809.56 E= 1,175,813.83 Δ= 1° 19' 40" D= 0° 27' 29" R= 15500.00' T= 179.59' L= 359.17' E= 1.04' e= NC T.R.= N/A S.E. RUN= N/A P.C. STA= 2437+00.64 N= 1,864,630.02 E= 1,175,817.97 P.T. STA= 2440+59.81 N= 1,864,989.16 E= 1,175,813.86	P.I. STA= 2452+38.92 N= 1,866,168.26 E= 1,175,814.03 Δ= 1° 35' 21" D= 0° 25' 55" R= 15000.00' T= 208.03' L= 416.02' E= 1.04' e= NC T.R.= N/A S.E. RUN= N/A P.C. STA= 2450+30.89 N= 1,865,960.24 E= 1,175,814.00 P.T. STA= 2454+46.92 N= 1,866,376.21 E= 1,175,808.29	P.I. STA= 4433+74.36 N= 1,864,307.20 E= 1,175,888.18 Δ= 2° 20' 39" D= 0° 24' 33" R= 14000.00' T= 286.03' L= 572.79' E= 2.93' e= NC T.R.= N/A S.E. RUN= N/A P.C. STA= 4430+87.93 N= 1,864,020.87 E= 1,175,895.72 P.T. STA= 4436+60.71 N= 1,864,593.61 E= 1,175,892.37	P.I. STA= 4443+61.67 N= 1,865,294.49 E= 1,175,902.60 Δ= 2° 24' 19" D= 0° 24' 33" R= 14000.00' T= 293.90' L= 587.72' E= 3.08' e= NC T.R.= N/A S.E. RUN= N/A P.C. STA= 4440+67.76 N= 1,865,000.61 E= 1,175,898.31 P.T. STA= 4446+55.48 N= 1,865,588.28 E= 1,175,894.56

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	598	38
STA. TO STA.		FED. AID PROJECT		
ILLINOIS		62302		
• (1818, ETC, 2324.6-101R-9				



NOTES:
 1. AVERAGE GRID TO GROUND CONVERSION FACTOR = 1.000010988654360
 2. FOR BENCH MARK INFORMATION, SEE SHEET 1 OF ALIGNMENT PLAN SHEETS.

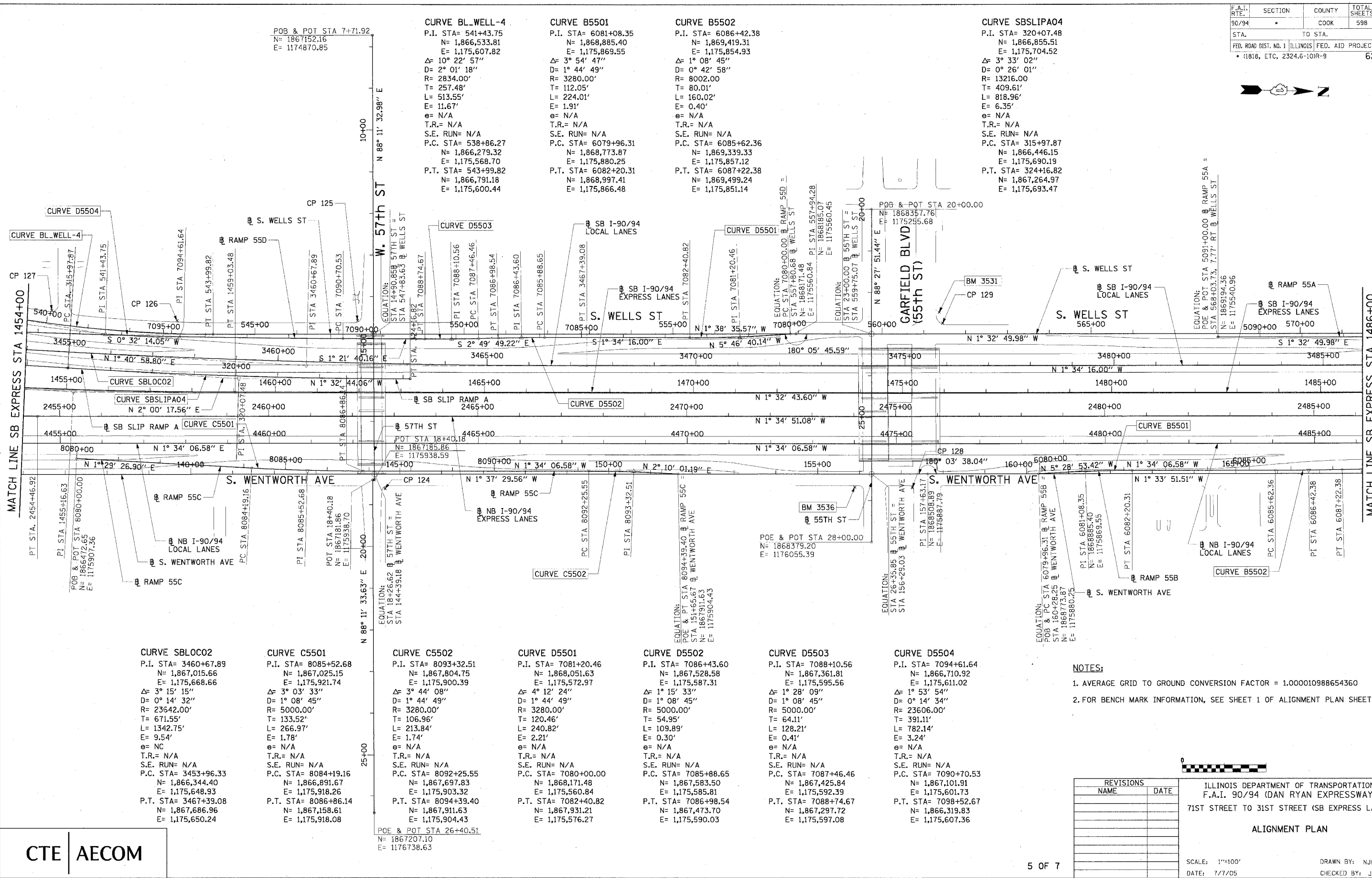
REVISIONS	
NAME	DATE

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

SCALE: 1"=100'
 DATE: 7/7/05
 DRAWN BY: NJH/AMM
 CHECKED BY: JAL/MS

6/24/2005 09:06:57 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	598	39
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* (1818, ETC, 2324.6-10)R-9				62302



CURVE BL_WELL-4
P.I. STA= 541+43.75
N= 1,866,533.81
E= 1,175,607.82
Δ= 10° 22' 57"
D= 2° 01' 18"
R= 2834.00'
T= 257.48'
L= 513.55'
E= 11.67'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 538+86.27
N= 1,866,279.32
E= 1,175,568.70
P.T. STA= 543+99.82
N= 1,866,791.18
E= 1,175,600.44

CURVE B5501
P.I. STA= 6081+08.35
N= 1,868,885.40
E= 1,175,869.55
Δ= 3° 54' 47"
D= 1° 44' 49"
R= 3280.00'
T= 112.05'
L= 224.01'
E= 1.91'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 6079+96.31
N= 1,868,773.87
E= 1,175,880.25
P.T. STA= 6082+20.31
N= 1,868,997.41
E= 1,175,866.48

CURVE B5502
P.I. STA= 6086+42.38
N= 1,869,419.31
E= 1,175,854.93
Δ= 1° 08' 45"
D= 0° 42' 58"
R= 8002.00'
T= 80.01'
L= 160.02'
E= 0.40'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 6085+62.36
N= 1,869,339.33
E= 1,175,857.12
P.T. STA= 6087+22.38
N= 1,869,499.24
E= 1,175,851.14

CURVE SBSLIPA04
P.I. STA= 320+07.48
N= 1,866,855.51
E= 1,175,704.52
Δ= 3° 33' 02"
D= 0° 26' 01"
R= 13216.00'
T= 409.61'
L= 818.96'
E= 6.35'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 315+97.87
N= 1,866,446.15
E= 1,175,690.19
P.T. STA= 324+16.82
N= 1,867,264.97
E= 1,175,693.47

CURVE SBLOC02
P.I. STA= 3460+67.89
N= 1,867,015.66
E= 1,175,668.66
Δ= 3° 15' 15"
D= 0° 14' 32"
R= 23642.00'
T= 671.55'
L= 1342.75'
E= 9.54'
e= NC
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 3453+96.33
N= 1,866,344.40
E= 1,175,648.93
P.T. STA= 3467+39.08
N= 1,867,686.96
E= 1,175,650.24

CURVE C5501
P.I. STA= 8085+52.68
N= 1,867,025.15
E= 1,175,921.74
Δ= 3° 03' 33"
D= 1° 08' 45"
R= 5000.00'
T= 133.52'
L= 266.97'
E= 1.78'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 8084+19.16
N= 1,866,891.67
E= 1,175,918.26
P.T. STA= 8086+86.14
N= 1,867,158.61
E= 1,175,918.08

CURVE C5502
P.I. STA= 8093+32.51
N= 1,867,804.75
E= 1,175,900.39
Δ= 3° 44' 08"
D= 1° 44' 49"
R= 3280.00'
T= 120.46'
L= 213.84'
E= 1.74'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 8092+25.55
N= 1,867,697.83
E= 1,175,903.32
P.T. STA= 8094+39.40
N= 1,867,911.63
E= 1,175,904.43

CURVE D5501
P.I. STA= 7081+20.46
N= 1,868,051.63
E= 1,175,572.97
Δ= 4° 12' 24"
D= 1° 44' 49"
R= 3280.00'
T= 120.46'
L= 240.82'
E= 2.21'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 7080+00.00
N= 1,868,171.48
E= 1,175,560.84
P.T. STA= 7082+40.82
N= 1,867,931.21
E= 1,175,576.27

CURVE D5502
P.I. STA= 7086+43.60
N= 1,867,528.58
E= 1,175,587.31
Δ= 1° 15' 33"
D= 1° 08' 45"
R= 5000.00'
T= 54.95'
L= 109.89'
E= 0.30'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 7085+88.65
N= 1,867,583.50
E= 1,175,585.81
P.T. STA= 7088+98.54
N= 1,867,473.70
E= 1,175,590.03

CURVE D5503
P.I. STA= 7088+10.56
N= 1,867,361.81
E= 1,175,595.56
Δ= 1° 28' 09"
D= 1° 08' 45"
R= 5000.00'
T= 64.11'
L= 128.21'
E= 0.41'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 7087+46.46
N= 1,867,425.84
E= 1,175,592.39
P.T. STA= 7088+74.67
N= 1,867,297.72
E= 1,175,597.08

CURVE D5504
P.I. STA= 7094+61.64
N= 1,866,710.92
E= 1,175,611.02
Δ= 1° 53' 54"
D= 0° 14' 34"
R= 23606.00'
T= 391.11'
L= 782.14'
E= 3.24'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 7090+70.53
N= 1,867,101.91
E= 1,175,601.73
P.T. STA= 7098+52.67
N= 1,866,319.83
E= 1,175,607.36

NOTES:
1. AVERAGE GRID TO GROUND CONVERSION FACTOR = 1.000010988654360
2. FOR BENCH MARK INFORMATION, SEE SHEET 1 OF ALIGNMENT PLAN SHEETS.

REVISIONS	
NAME	DATE

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

ALIGNMENT PLAN

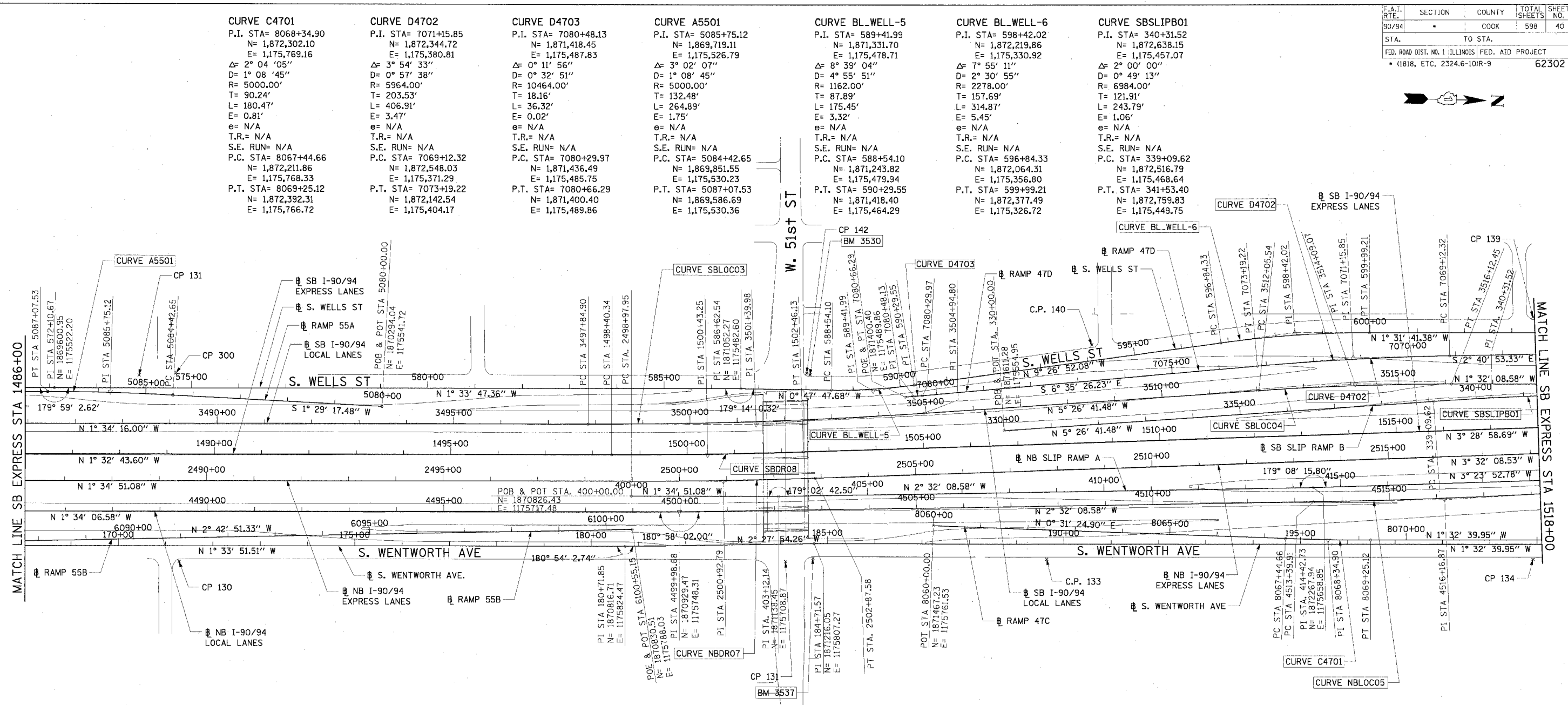
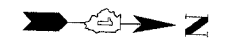
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DATE: 7/7/05

DRAWN BY: NJH/AMM
CHECKED BY: JAL/MS

CTE | AECOM

06/24/2005 09:58:02 AM
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	598	40
STA. TO STA.				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				
(1818, ETC. 2324.6-10R-9) 62302				



CURVE C4701 P.I. STA= 8068+34.90 N= 1,872,302.10 E= 1,175,769.16 Δ= 2° 04' 05" D= 1° 08' 45" R= 5000.00' T= 90.24' L= 180.47' E= 0.81' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 8067+44.66 N= 1,872,211.86 E= 1,175,768.33 P.T. STA= 8069+25.12 N= 1,872,392.31 E= 1,175,766.72	CURVE D4702 P.I. STA= 7071+15.85 N= 1,872,344.72 E= 1,175,380.81 Δ= 3° 54' 33" D= 0° 57' 38" R= 5964.00' T= 203.53' L= 406.91' E= 3.47' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 7069+12.32 N= 1,872,548.03 E= 1,175,371.29 P.T. STA= 7073+19.22 N= 1,872,142.54 E= 1,175,404.17	CURVE D4703 P.I. STA= 7080+48.13 N= 1,871,418.45 E= 1,175,487.83 Δ= 0° 11' 56" D= 0° 32' 51" R= 10464.00' T= 18.16' L= 36.32' E= 0.02' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 7080+29.97 N= 1,871,436.49 E= 1,175,485.75 P.T. STA= 7080+66.29 N= 1,871,400.40 E= 1,175,489.86	CURVE A5501 P.I. STA= 5085+75.12 N= 1,869,719.11 E= 1,175,526.79 Δ= 3° 02' 07" D= 1° 08' 45" R= 5000.00' T= 132.48' L= 264.89' E= 1.75' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 5084+42.65 N= 1,869,851.55 E= 1,175,530.23 P.T. STA= 5087+07.53 N= 1,869,586.69 E= 1,175,530.36	CURVE BL_WELL-5 P.I. STA= 589+41.99 N= 1,871,331.70 E= 1,175,478.71 Δ= 8° 39' 04" D= 4° 55' 51" R= 1162.00' T= 87.89' L= 175.45' E= 3.32' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 588+54.10 N= 1,871,243.82 E= 1,175,479.94 P.T. STA= 590+29.55 N= 1,871,418.40 E= 1,175,464.29	CURVE BL_WELL-6 P.I. STA= 598+42.02 N= 1,872,219.86 E= 1,175,330.92 Δ= 7° 55' 11" D= 2° 30' 55" R= 2278.00' T= 157.69' L= 314.87' E= 5.45' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 596+84.33 N= 1,872,064.31 E= 1,175,356.80 P.T. STA= 599+99.21 N= 1,872,377.49 E= 1,175,326.72	CURVE SBSLIPB01 P.I. STA= 340+31.52 N= 1,872,638.15 E= 1,175,457.07 Δ= 2° 00' 00" D= 0° 49' 13" R= 6984.00' T= 121.91' L= 243.79' E= 1.06' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 339+09.62 N= 1,872,516.79 E= 1,175,468.64 P.T. STA= 341+53.40 N= 1,872,759.83 E= 1,175,449.75
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CURVE SBLOC03 P.I. STA= 3501+39.98 N= 1,871,086.59 E= 1,175,557.00 Δ= 3° 52' 25" D= 0° 32' 44" R= 10500.00' T= 355.09' L= 709.90' E= 6.00' e= RC T.R.= 96° (96°) S.E. RUN= 62° (62°) P.C. STA= 3497+84.90 N= 1,870,731.64 E= 1,175,566.73 P.T. STA= 3504+94.80 N= 1,871,440.08 E= 1,175,523.31	CURVE SBLOC04 P.I. STA= 3514+09.07 N= 1,872,350.23 E= 1,175,625.55 Δ= 3° 54' 33" D= 0° 57' 39" R= 5964.00' T= 203.53' L= 406.91' E= 3.47' e= 2.8% T.R.= 41° (41°) S.E. RUN= 115° (115°) P.C. STA= 3512+05.54 N= 1,872,147.61 E= 1,175,455.86 P.T. STA= 3516+12.45 N= 1,872,553.69 E= 1,175,431.10	CURVE SBDR08 P.I. STA= 1500+43.25 N= 1,870,985.63 E= 1,175,625.10 Δ= 1° 56' 15" D= 0° 28' 39" R= 12000.00' T= 202.92' L= 405.79' E= 1.72' e= NC T.R.= N/A S.E. RUN= N/A P.C. STA= 1498+40.34 N= 1,870,825.55 E= 1,175,630.57 P.T. STA= 1502+46.13 N= 1,871,188.17 E= 1,175,612.77	CURVE NBDRO7 P.I. STA= 2500+92.79 N= 1,871,020.31 E= 1,175,680.12 Δ= 1° 57' 17" D= 0° 30' 06" R= 11420.00' T= 194.84' L= 389.63' E= 1.66' e= NC T.R.= N/A S.E. RUN= N/A P.C. STA= 2498+97.95 N= 1,870,825.55 E= 1,175,685.50 P.T. STA= 2502+87.58 N= 1,871,214.78 E= 1,175,668.10	CURVE NBLOC05 P.I. STA= 4516+16.87 N= 1,872,546.08 E= 1,175,676.71 Δ= 2° 26' 28" D= 0° 26' 27" R= 13000.00' T= 276.96' L= 553.84' E= 2.95' e= NC T.R.= N/A S.E. RUN= N/A P.C. STA= 4513+39.91 N= 1,872,269.39 E= 1,175,688.97 P.T. STA= 4518+93.75 N= 1,872,822.00 E= 1,175,652.69
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NOTES:
 1. AVERAGE GRID TO GROUND CONVERSION FACTOR = 1.000010988654360
 2. FOR BENCH MARK INFORMATION, SEE SHEET 1 OF ALIGNMENT PLAN SHEETS.

REVISIONS	
NAME	DATE

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

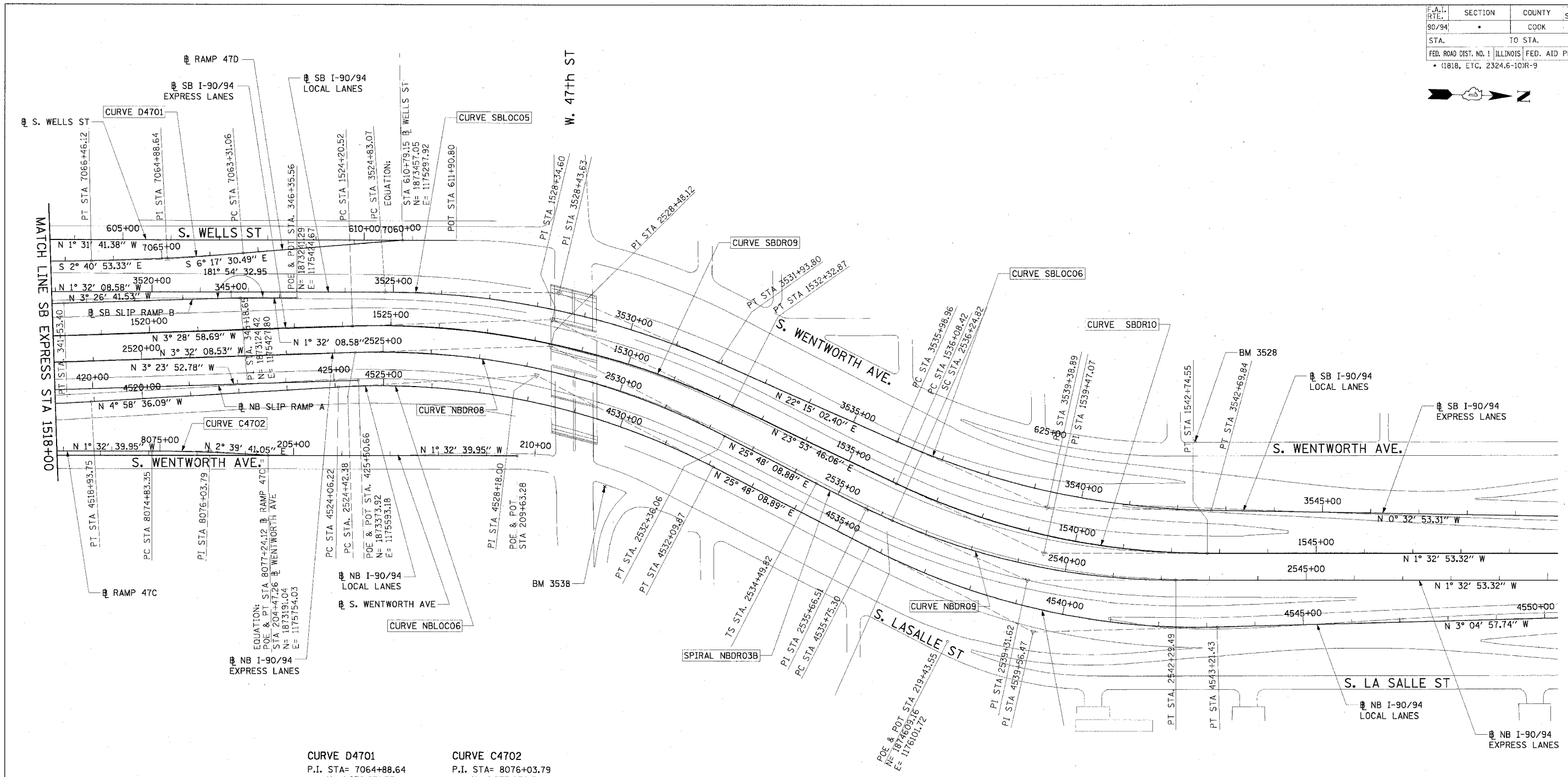
ALIGNMENT PLAN

SCALE: 1"=100'
 DATE: 7/7/05

DRAWN BY: NJH/AMM
 CHECKED BY: JAL/MS

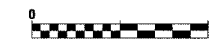
CTE | AECOM

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CURVE D4701	CURVE C4702
P.I. STA= 7064+88.64	P.I. STA= 8076+03.79
N= 1,872,971.35	N= 1,873,070.73
E= 1,175,351.47	E= 1,175,748.43
Δ= 3° 36' 37"	Δ= 4° 12' 21"
D= 1° 08' 45"	D= 1° 44' 49"
R= 5000.00'	R= 3280.00'
T= 157.58'	T= 120.44'
L= 315.06'	L= 240.77'
E= 2.48'	E= 2.21'
∅= N/A	∅= N/A
T.R.= N/A	T.R.= N/A
S.E. RUN= N/A	S.E. RUN= N/A
P.C. STA= 7063+31.06	P.C. STA= 8074+83.35
N= 1,873,127.98	N= 1,872,950.33
E= 1,175,334.20	E= 1,175,751.68
P.T. STA= 7066+46.12	P.T. STA= 8077+24.12
N= 1,872,813.94	N= 1,873,191.04
E= 1,175,358.84	E= 1,175,754.03

- NOTES:**
1. AVERAGE GRID TO GROUND CONVERSION FACTOR = 1.000010988654360
 2. FOR BENCH MARK INFORMATION, SEE SHEET 1 OF ALIGNMENT PLAN SHEETS.



REVISIONS	
NAME	DATE

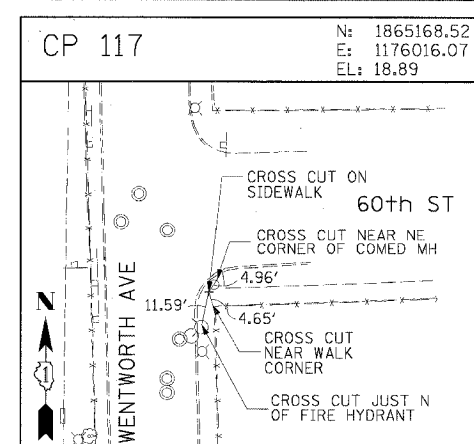
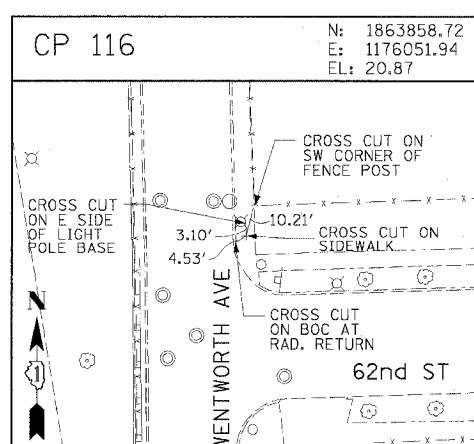
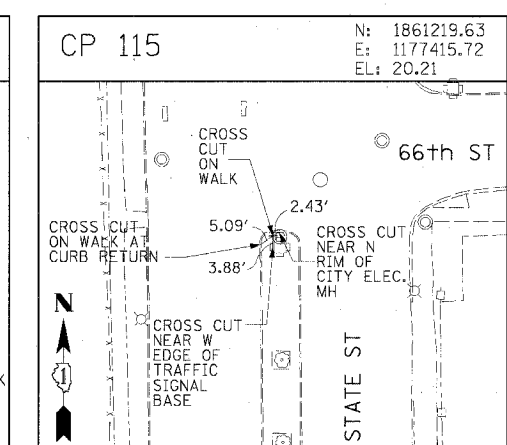
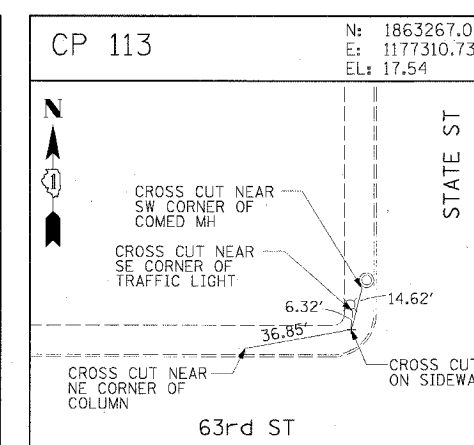
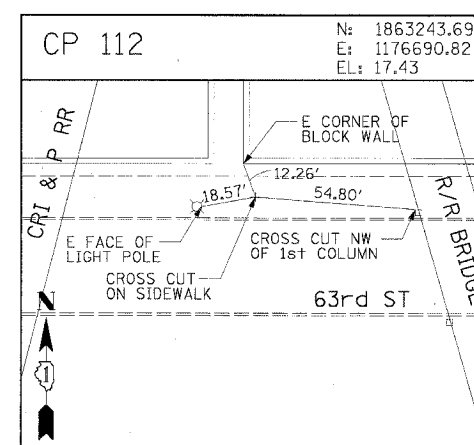
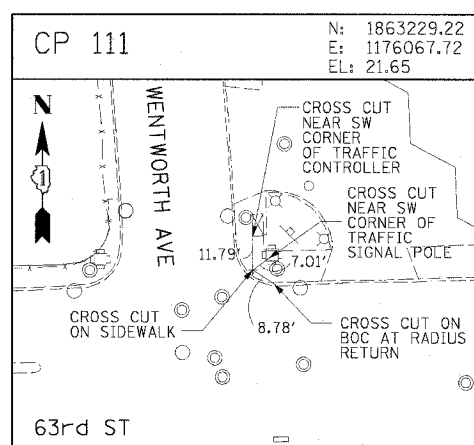
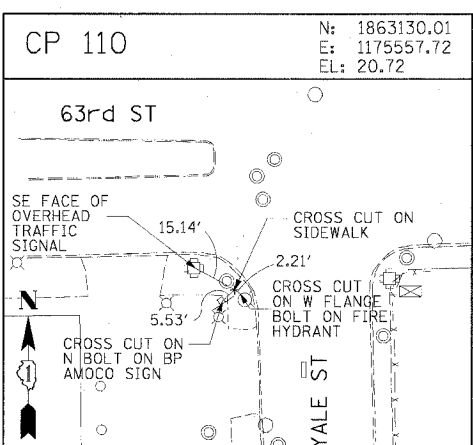
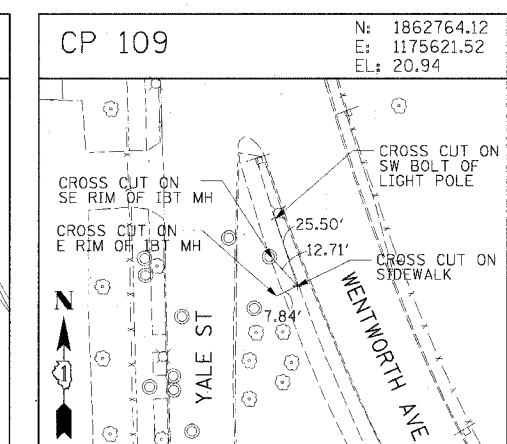
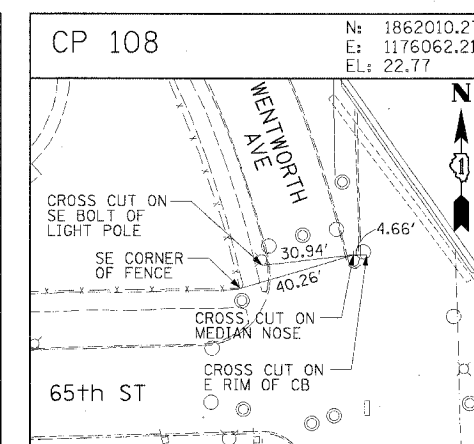
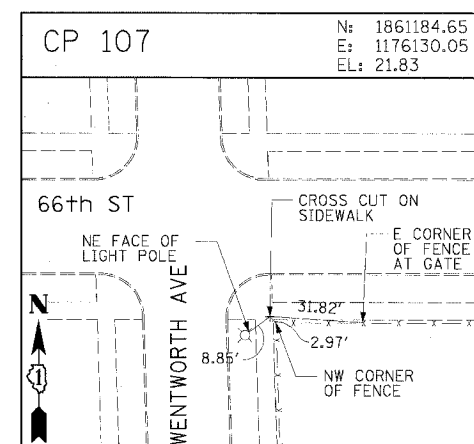
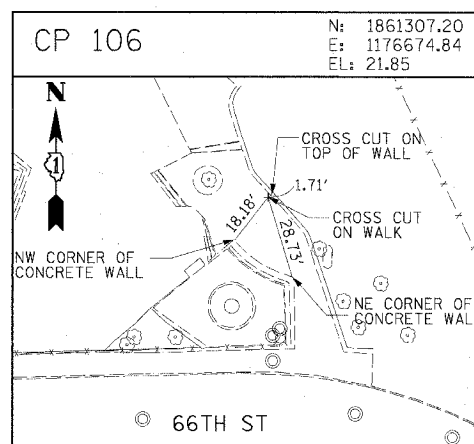
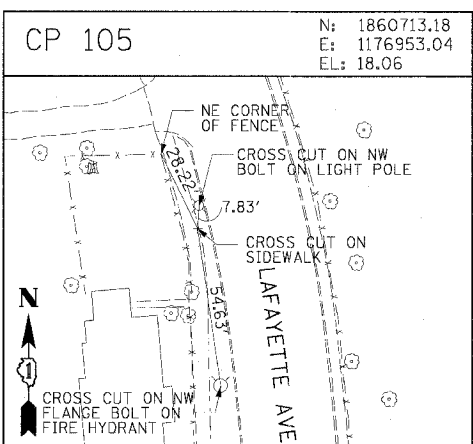
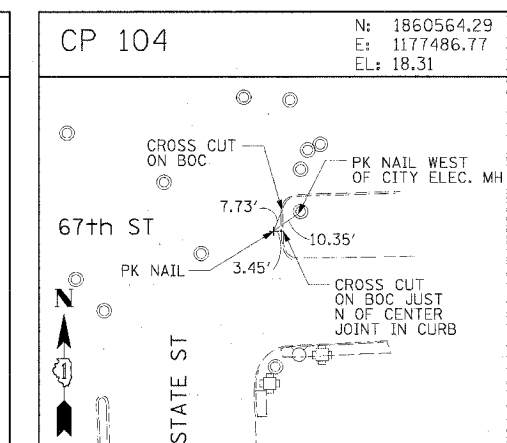
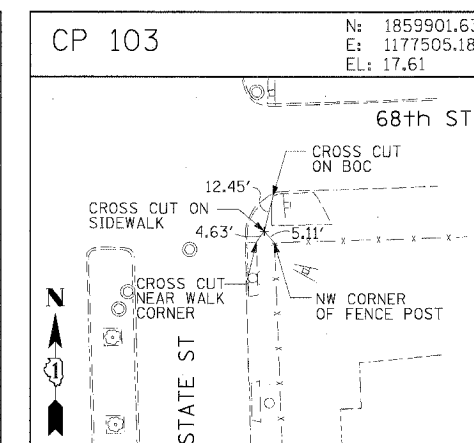
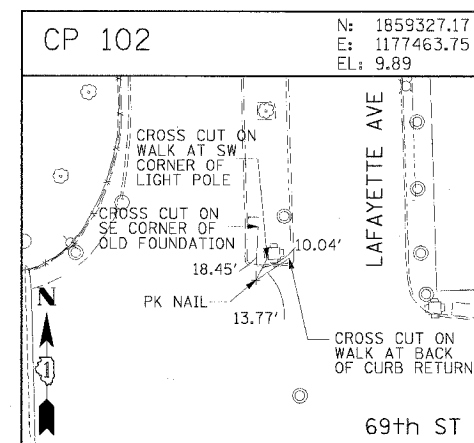
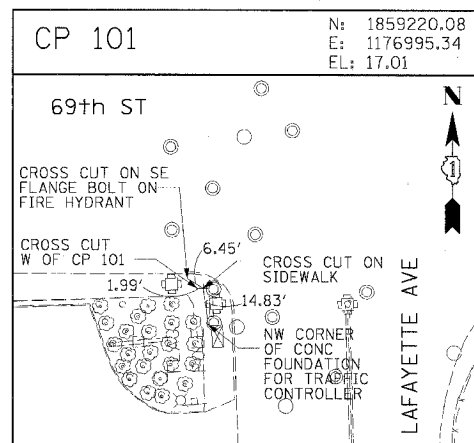
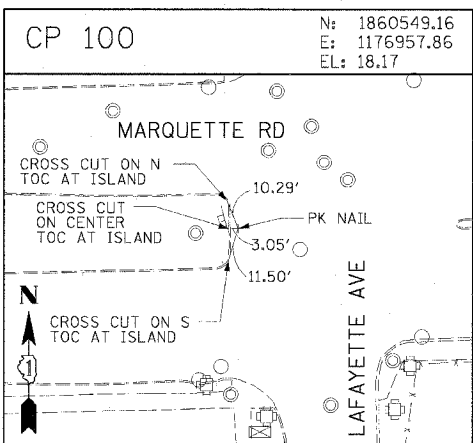
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 71ST STREET TO 31ST STREET (SB EXPRESS LANES)

ALIGNMENT PLAN

SCALE: 1"=100'
 DATE: 7/7/05
 DRAWN BY: NJH/AMM
 CHECKED BY: JAL/MS



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CTE | AECOM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	598	42
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				62302
(1818, ETC, 2324.6-10)R-9				

REVISIONS	
NAME	DATE

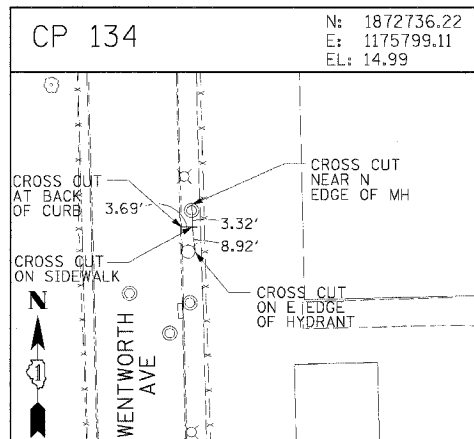
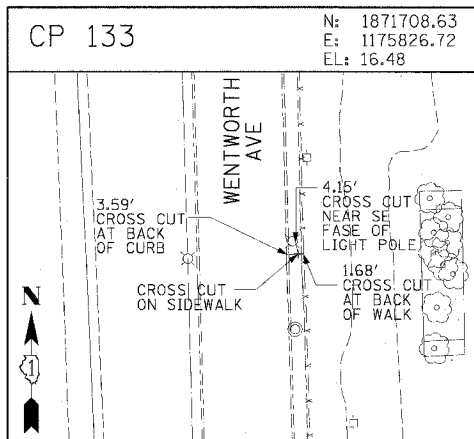
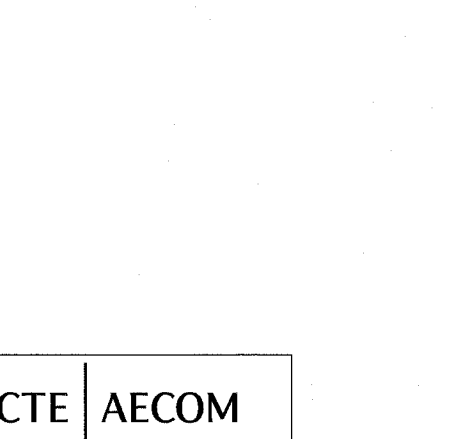
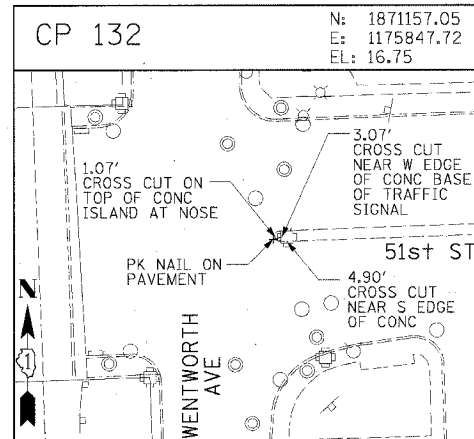
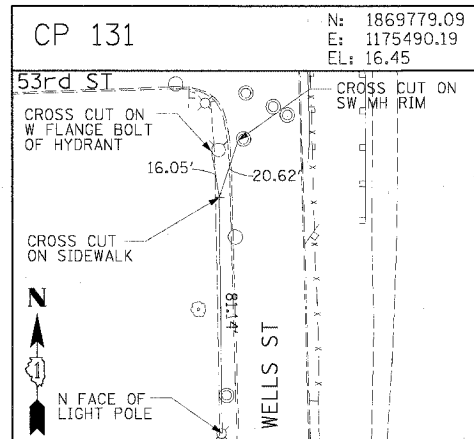
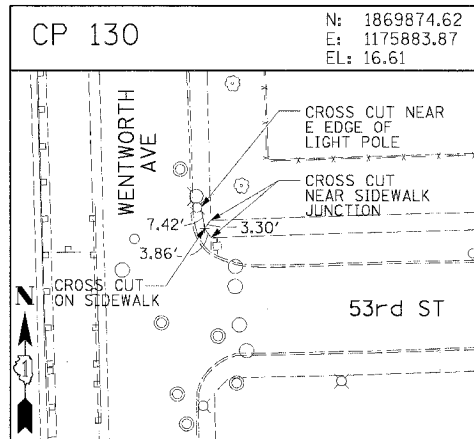
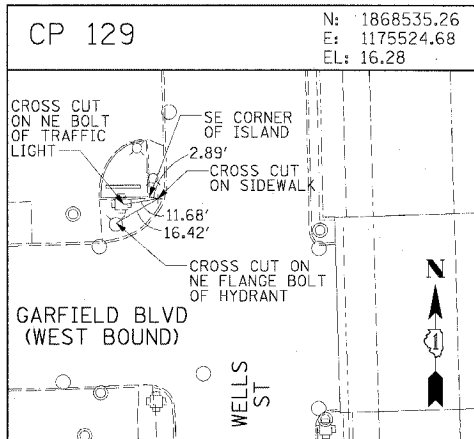
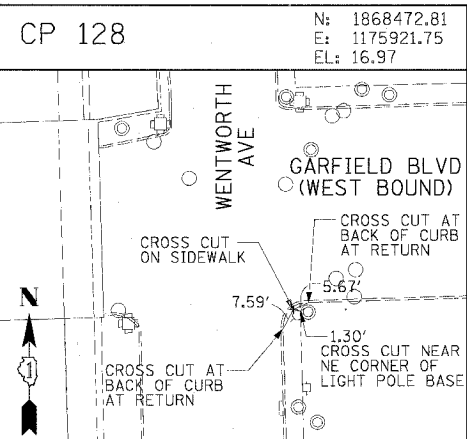
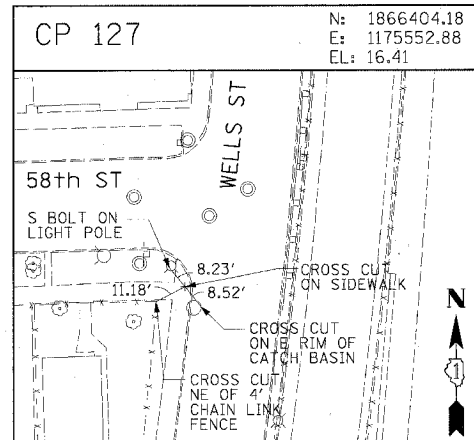
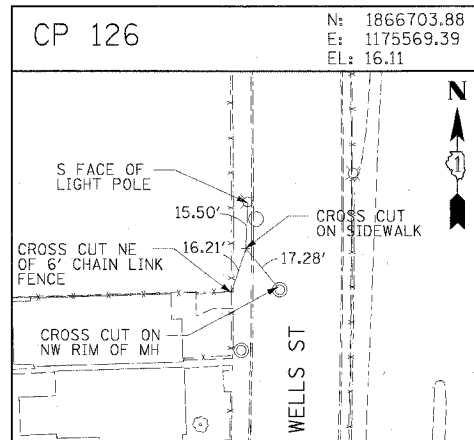
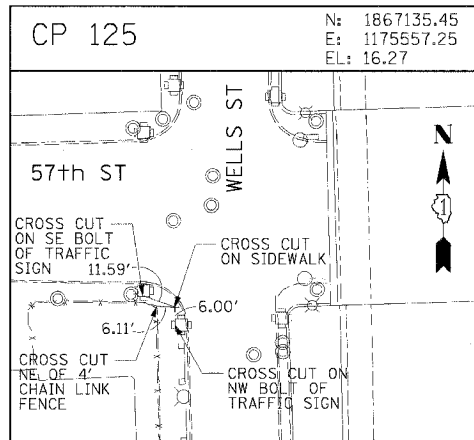
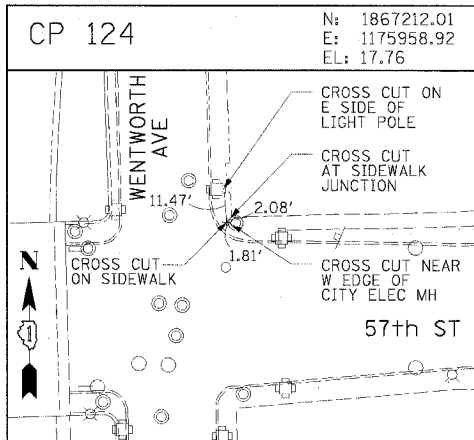
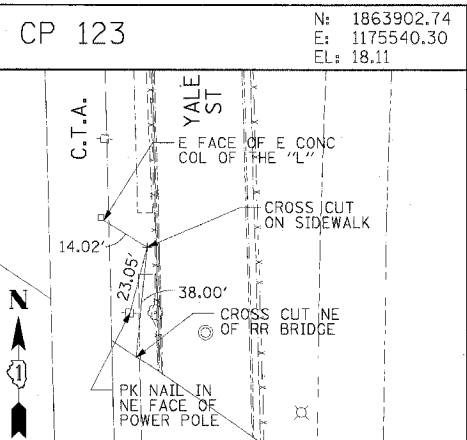
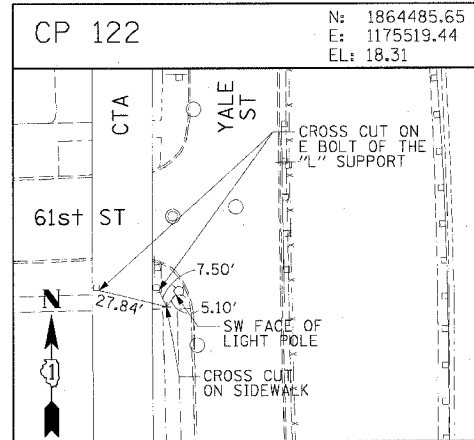
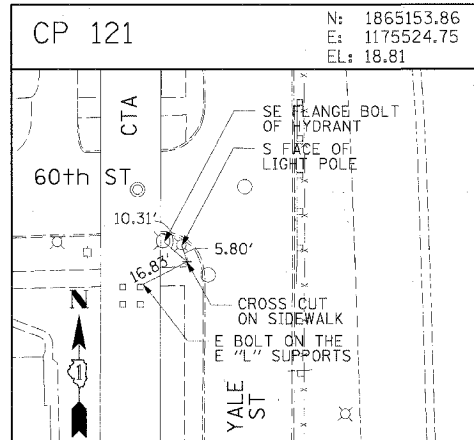
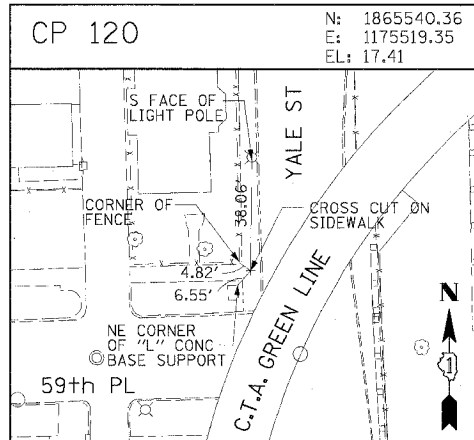
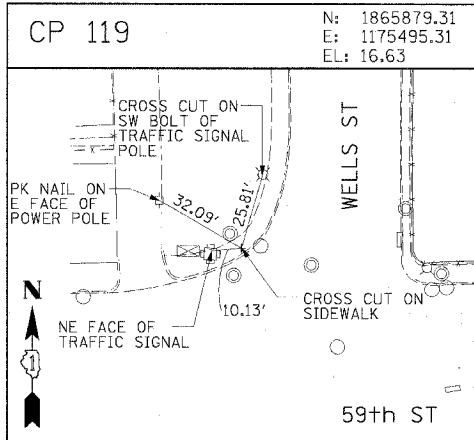
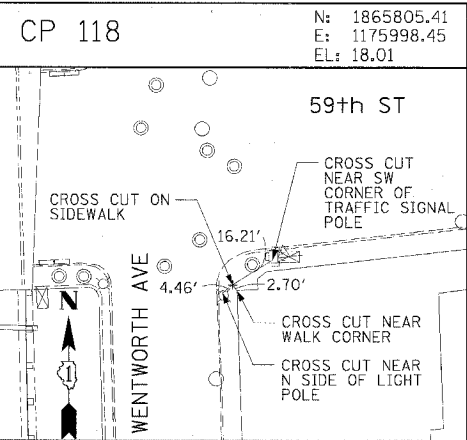
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
71ST STREET TO 31ST STREET (SB EXPRESS LANES)

SURVEY TIES AND CONTROL POINTS

SCALE: 1"=30'
DATE: 7/7/05

DRAWN BY: MRK
CHECKED BY: JAL

06/24/2005 09:20:25 AM



CTE | AECOM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	598	43
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
1818, ETC, 2324.6-10R-9			62302	

REVISIONS	
NAME	DATE

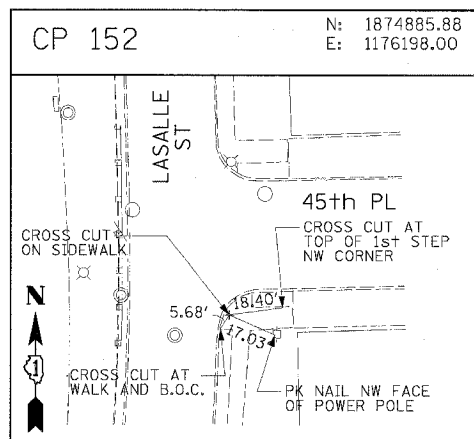
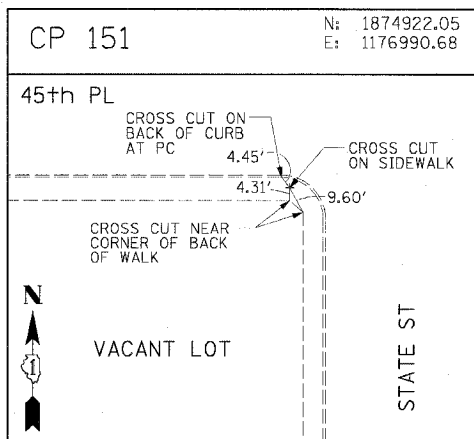
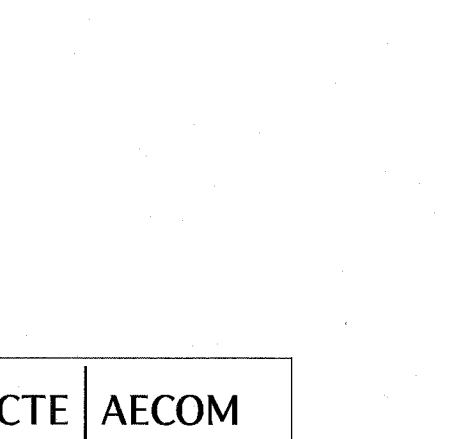
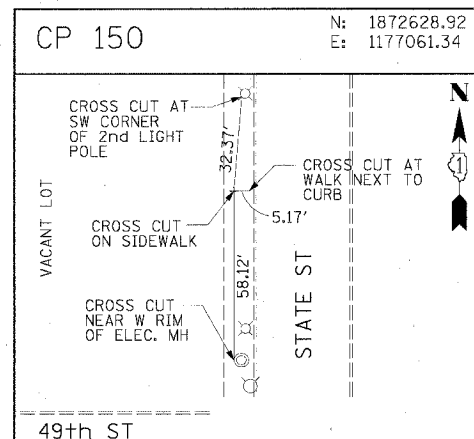
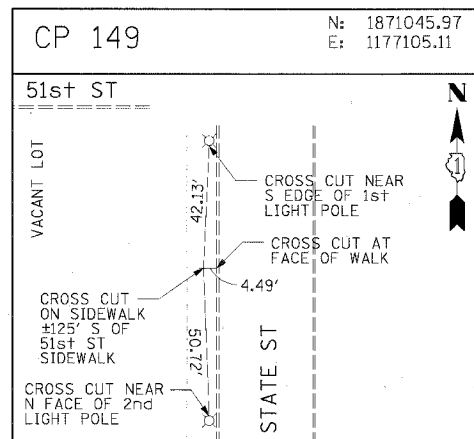
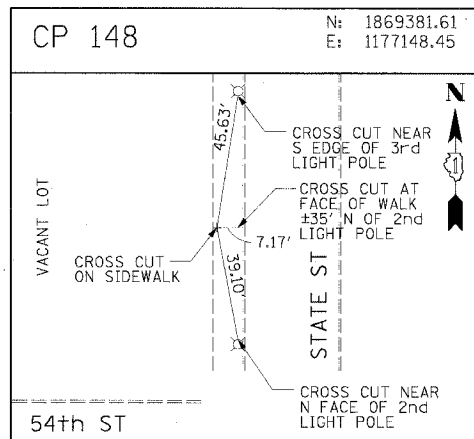
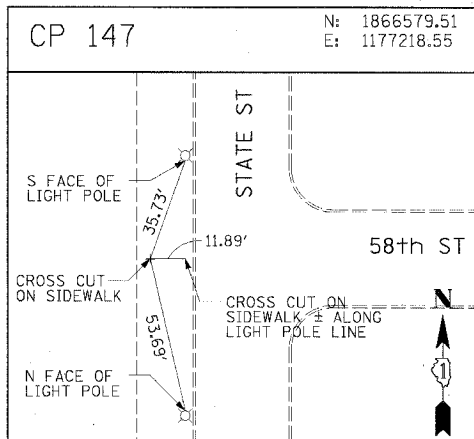
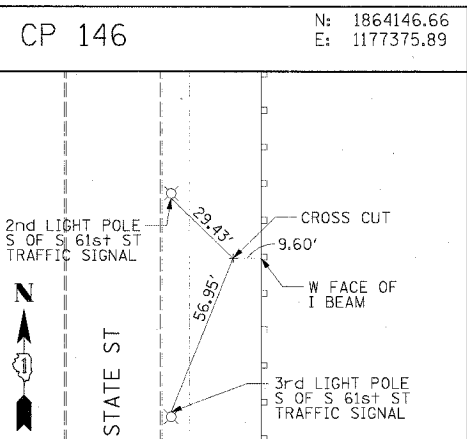
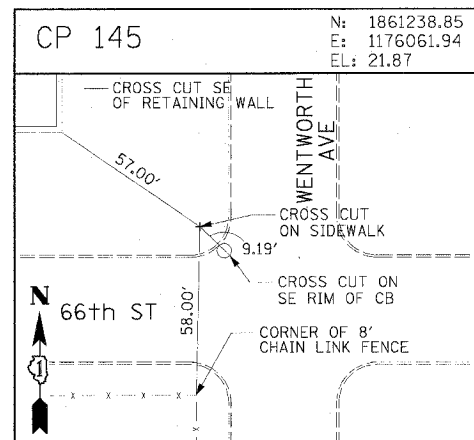
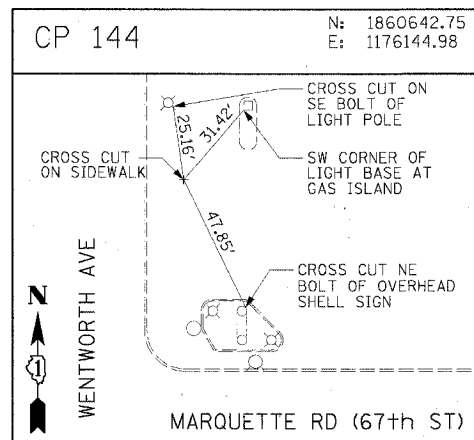
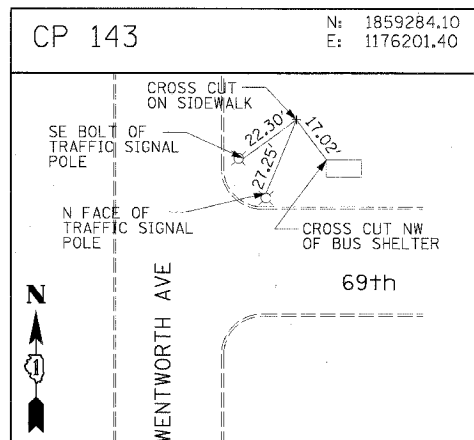
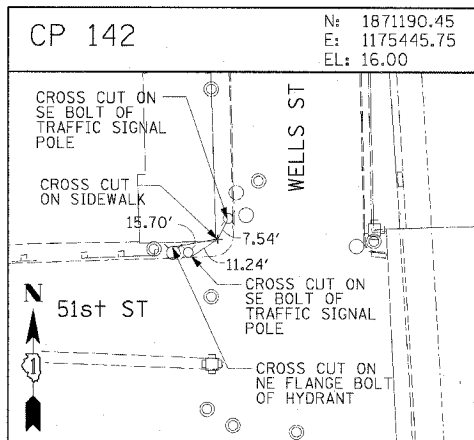
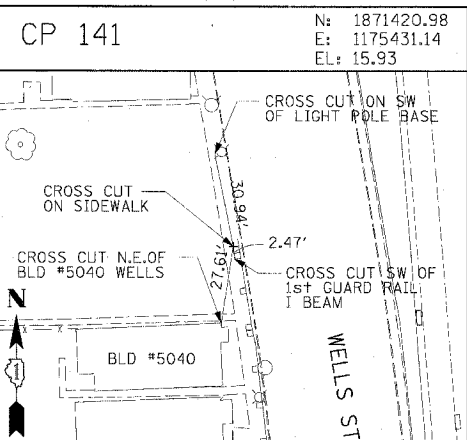
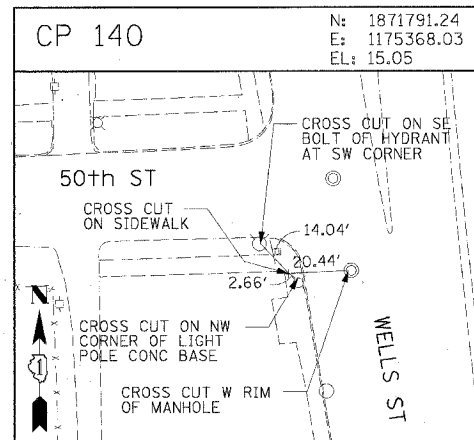
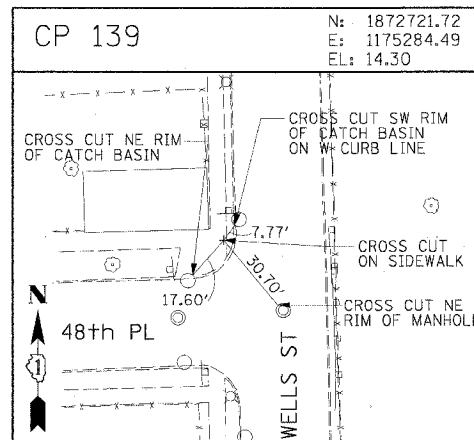
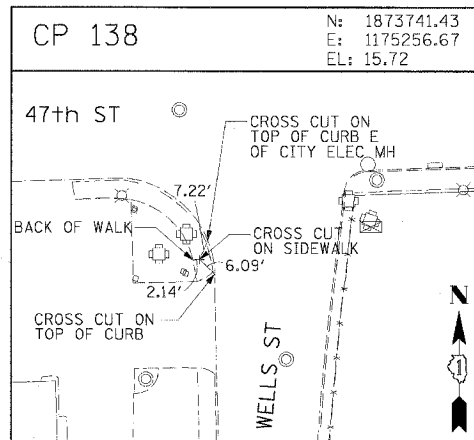
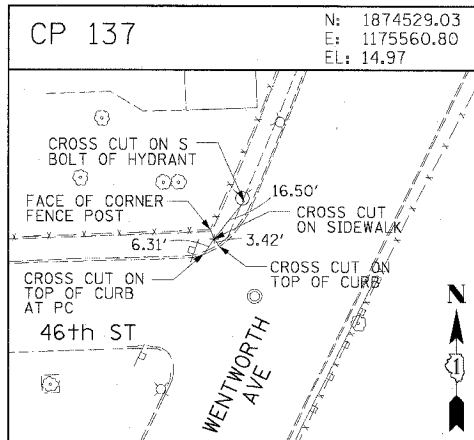
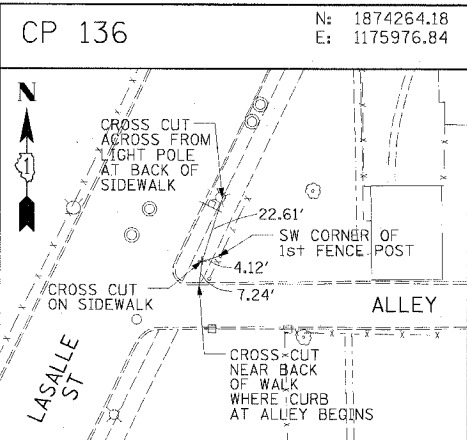
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
71ST STREET TO 31ST STREET (SB EXPRESS LANES)

SURVEY TIES AND CONTROL POINTS

SCALE: 1"=30'
DATE: 7/7/05

DRAWN BY: MRK
CHECKED BY: JAL

06/24/2005 09:20:44 AM



CTE | AECOM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	598	44
STA. TO STA.			62302	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
• (1818, ETC, 2324, 6-101R-9				

REVISIONS	
NAME	DATE

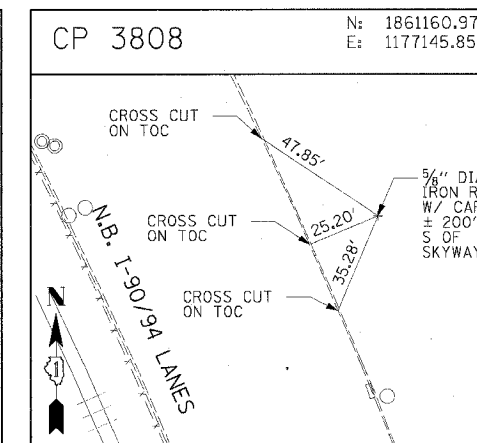
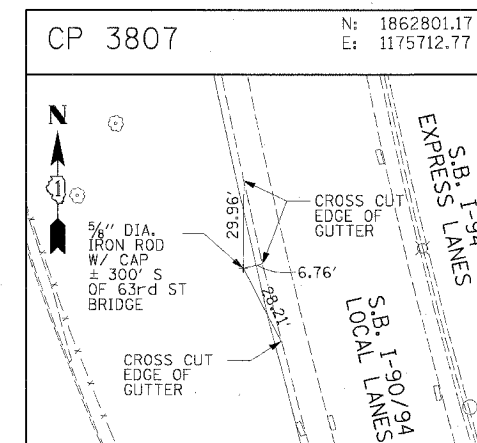
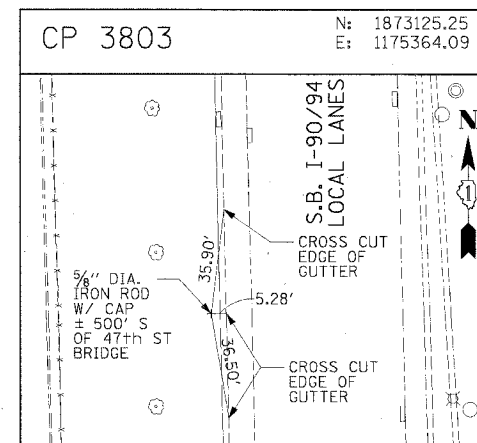
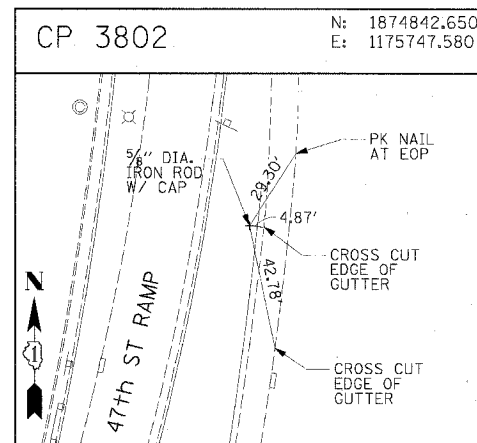
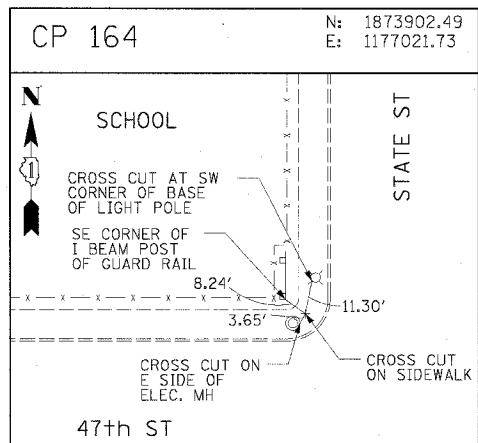
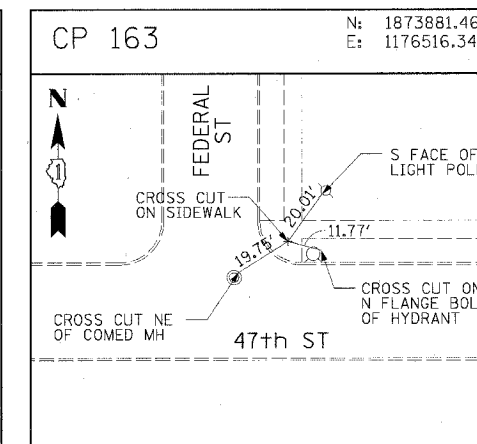
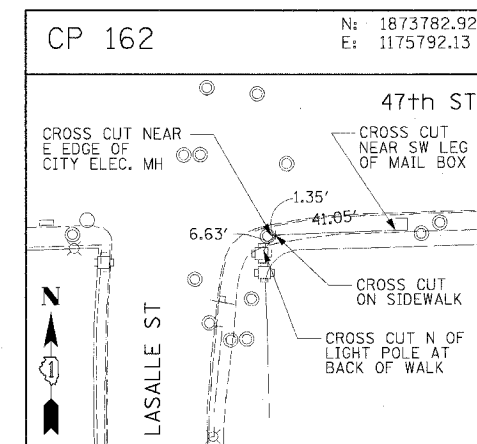
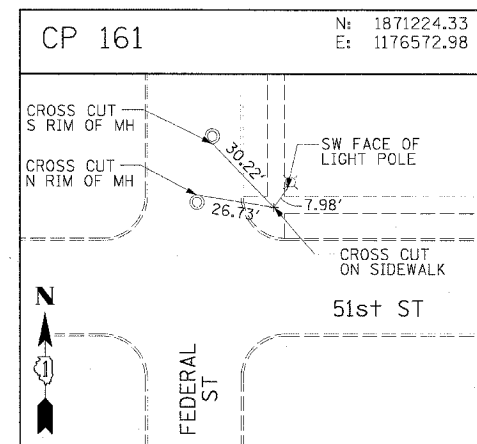
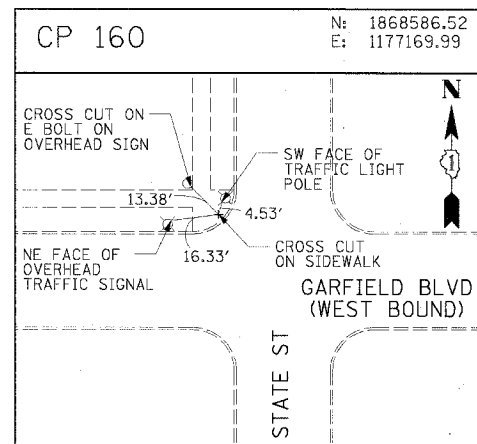
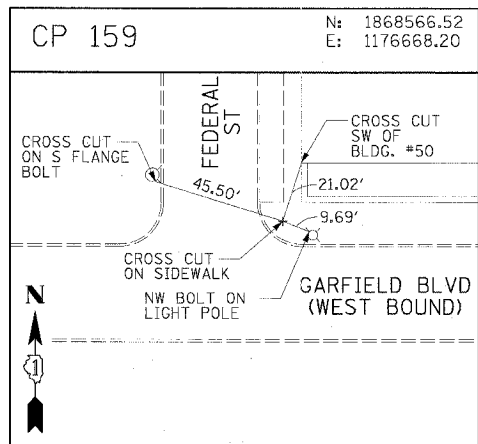
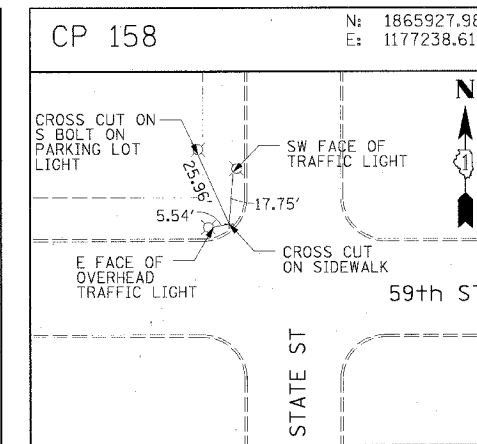
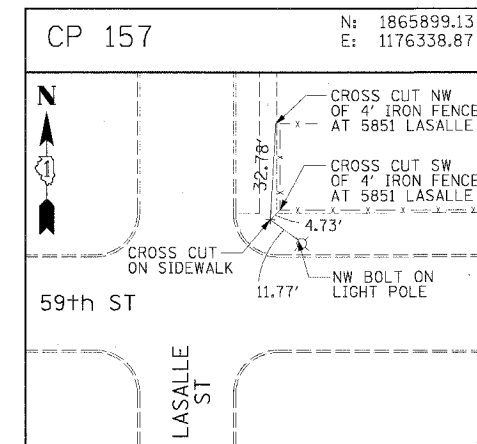
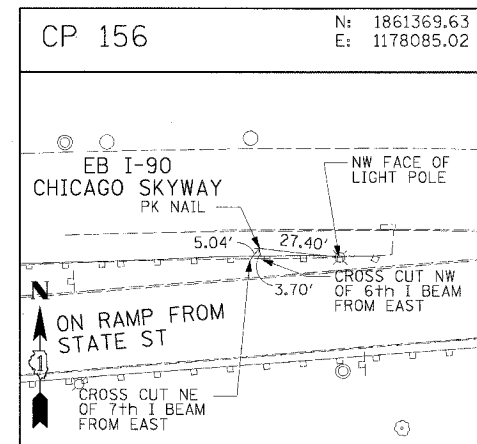
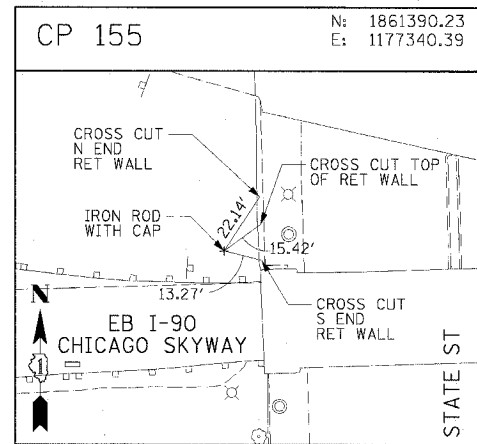
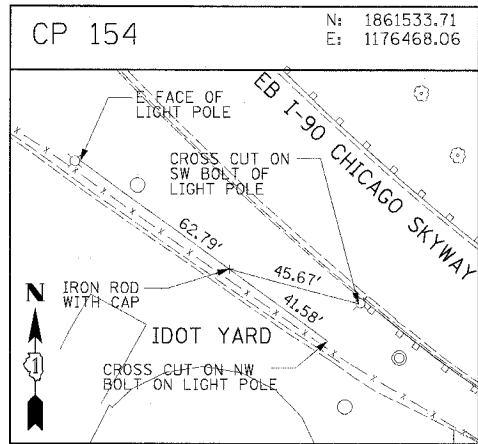
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
71ST STREET TO 31ST STREET (SB EXPRESS LANES)
SURVEY TIES AND CONTROL POINTS

SCALE: 1"=30'
DATE: 7/7/05

DRAWN BY: MRK
CHECKED BY: JAL

PA-03-009-03-05 (Rev. 04/15/05) 09-21-03 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	598	45
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
• (1818, ETC, 2324.6-10R-9 62302				



CTE | AECOM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
71ST STREET TO 31ST STREET (SB EXPRESS LANES)
SURVEY TIES AND CONTROL POINTS

SCALE: 1"=30'
DATE: 7/7/05

DRAWN BY: MRK
CHECKED BY: JAL

06/24/2005 09:27 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	46
STA. TO STA. 3553+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		(1818, ETC, 2324.6-1P1R-9		

PROP. CURVE SBLOC05
P.I. STA = 3528+43.63
N_i = 1,873,784.42
E_i = 1,175,398.10
Δ = 23° 47' 11" (RT)
D = 3° 20' 48"
R = 1,712.00'
T = 360.56'
L = 710.73'
E = 37.56'
e = 5.7%

PROP. CURVE SBDR09
P.I. STA = 1528+34.60
N_i = 1,873,771.86
E_i = 1,175,455.52
Δ = 27° 22' 45" (RT)
D = 3° 22' 13"
R = 1,700.00'
T = 414.09'
L = 812.35'
E = 49.71'
e = 5.7%

PROP. CURVE SBLOC06
P.I. STA = 3539+38.89
N_i = 1,874,807.75
E_i = 1,175,816.77
Δ = 22° 47' 56" (LT)
D = 3° 23' 54"
R = 1,686.00'
T = 339.94'
L = 670.88'
E = 33.93'
e = 5.7%

PROP. CURVE SBDR10
P.I. STA = 1539+47.07
N_i = 1,874,803.43
E_i = 1,175,912.56
Δ = 25° 26' 39" (LT)
D = 3° 49' 11"
R = 1,500.00'
T = 338.65'
L = 666.13'
E = 37.75'
e = 5.9%

PROP. CURVE EL4300
P.I. STA = 714+54.39
N_i = 1,875,675.42
E_i = 1,175,825.74
Δ = 0° 54' 33" (LT)
D = 0° 31' 15"
R = 11,000.00'
T = 87.27'
L = 174.54'
E = 0.35'
P.C. STA = 713+67.12
N_i = 1,875,762.70
E_i = 1,175,826.31
P.T. STA = 715+41.66
N_i = 1,875,588.15
E_i = 1,175,826.55

PROP. CURVE EL4301
P.I. STA = 723+10.32
N_i = 1,874,819.53
E_i = 1,175,833.74
Δ = 23° 55' 56" (RT)
D = 3° 49' 11"
R = 1,500.00'
T = 317.91'
L = 626.54'
E = 33.32'
e = 5.9%

S.A. = STA 3522+04.49 TO STA 3526+01.07
T.R. = 42.58' (ATTAINMENT TRANSITION ONLY)
S.E. RUN = 354.00' (ATTAINMENT TRANSITION ONLY)
S.R. = CONTINUOUSLY ROTATING PLANE BEGINS AT STA 3530+92.51
P.C. STA = 3524+83.07
N_i = 1,873,423.99
E_i = 1,175,407.76
P.T. STA = 3531+93.80
N_i = 1,874,118.14
E_i = 1,175,534.63

S.A. = STA 1521+84.22 TO STA 1525+21.75
T.R. = 33.53' (ATTAINMENT TRANSITION ONLY)
S.E. RUN = 304.00' (ATTAINMENT TRANSITION ONLY)
S.R. = CONTINUOUSLY ROTATING PLANE BEGINS AT STA 1531+40.60
P.C. STA = 1524+20.52
N_i = 1,873,358.54
E_i = 1,175,480.67
P.T. STA = 1532+32.87
N_i = 1,874,150.45
E_i = 1,175,623.26

S.A. = CONTINUOUSLY ROTATING PLANE ENDS AT STA 3537+00.25
T.R. = 68.79' (REMOVAL TRANSITION ONLY)
S.E. RUN = 380.00' (REMOVAL TRANSITION ONLY)
S.R. = STA 3541+43.17 TO STA 3545+91.96
P.C. STA = 3535+98.96
N_i = 1,874,493.12
E_i = 1,175,688.05
P.T. STA = 3542+69.84
N_i = 1,875,147.67
E_i = 1,175,813.52

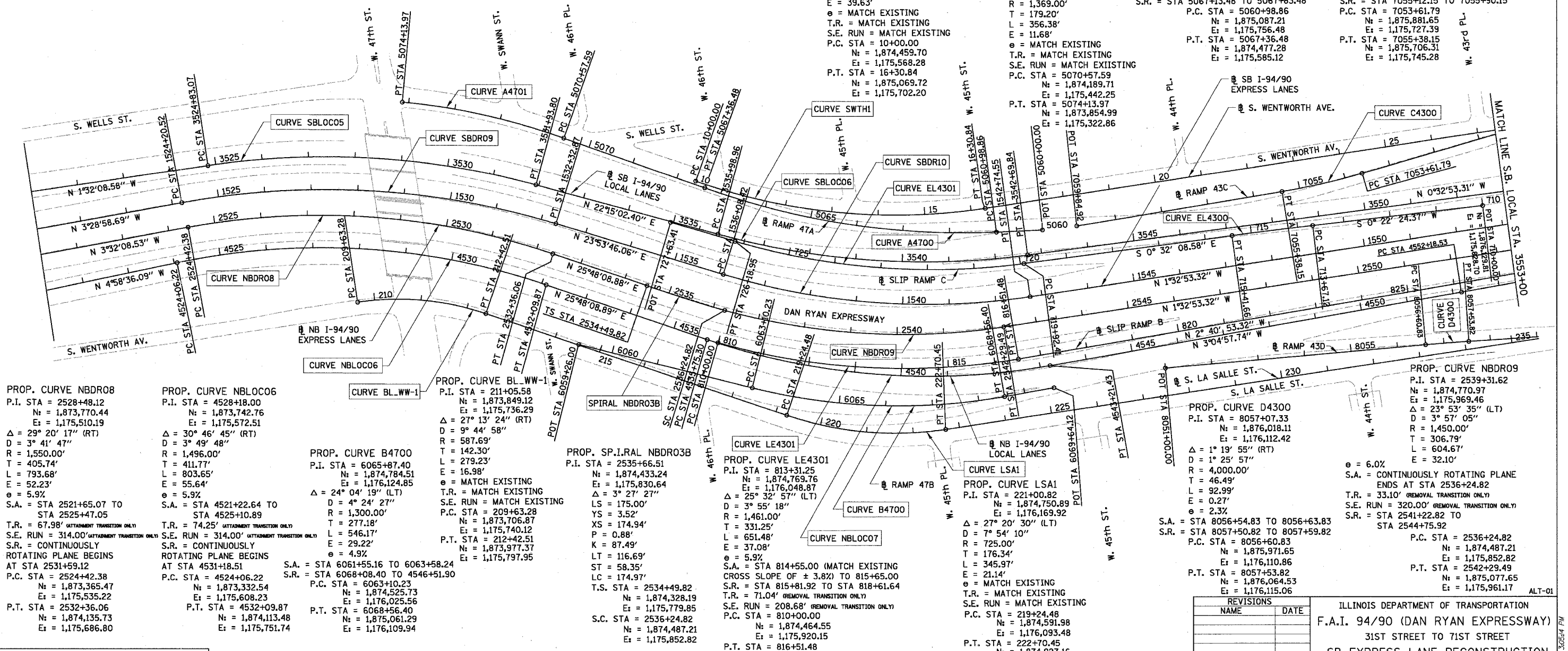
S.A. = CONTINUOUSLY ROTATING PLANE ENDS AT STA 1537+03.93
T.R. = 68.20' (REMOVAL TRANSITION ONLY)
S.E. RUN = 315.00' (REMOVAL TRANSITION ONLY)
S.R. = STA 1541+69.55 TO STA 1545+52.75
P.C. STA = 1536+08.42
N_i = 1,874,493.81
E_i = 1,175,775.38
P.T. STA = 1542+74.55
N_i = 1,875,141.96
E_i = 1,175,903.41

PROP. CURVE SWTH1
P.I. STA = 13+21.89
N_i = 1,874,747.97
E_i = 1,175,711.50
Δ = 28° 04' 24" (LT)
D = 4° 27' 01"
R = 1,287.50'
T = 321.89'
L = 630.84'
E = 39.63'
e = MATCH EXISTING
T.R. = MATCH EXISTING
S.E. RUN = MATCH EXISTING
P.C. STA = 10+00.00
N_i = 1,874,459.70
E_i = 1,175,568.28
P.T. STA = 16+30.84
N_i = 1,875,069.72
E_i = 1,175,702.20

PROP. CURVE A4700
P.I. STA = 5072+36.79
N_i = 1,874,030.16
E_i = 1,175,360.65
Δ = 14° 54' 56" (LT)
D = 4° 11' 07"
R = 1,369.00'
T = 179.20'
L = 356.38'
E = 11.68'
e = MATCH EXISTING
T.R. = MATCH EXISTING
S.E. RUN = MATCH EXISTING
P.C. STA = 5070+57.59
N_i = 1,874,189.71
E_i = 1,175,442.25
P.T. STA = 5074+13.97
N_i = 1,873,854.99
E_i = 1,175,322.86

PROP. CURVE A4700
P.I. STA = 5064+21.82
N_i = 1,874,765.22
E_i = 1,175,731.41
Δ = 22° 28' 55" (RT)
D = 3° 31' 33"
R = 1,625.00'
T = 322.97'
L = 637.62'
E = 31.78'
e = 4.4%

PROP. CURVE C4300
P.I. STA = 7054+50.07
N_i = 1,875,794.51
E_i = 1,175,741.50
Δ = 6° 44' 11" (RT)
D = 3° 49' 11"
R = 1,500.00'
T = 88.28'
L = 176.36'
E = 2.60'
e = 4.6%



PROP. CURVE NBDRO8
P.I. STA = 2528+48.12
N_i = 1,873,770.44
E_i = 1,175,510.19
Δ = 29° 20' 17" (RT)
D = 3° 41' 47"
R = 1,550.00'
T = 405.74'
L = 793.68'
E = 52.23'
e = 5.9%

PROP. CURVE NBLOC06
P.I. STA = 4528+18.00
N_i = 1,873,742.76
E_i = 1,175,572.51
Δ = 30° 46' 45" (RT)
D = 3° 49' 48"
R = 1,496.00'
T = 411.77'
L = 803.65'
E = 55.64'
e = 5.9%

PROP. CURVE BL.WW-1
P.I. STA = 211+05.58
N_i = 1,873,849.12
E_i = 1,175,736.29
Δ = 27° 13' 24" (RT)
D = 9° 44' 58"
R = 587.69'
T = 142.30'
L = 277.18'
E = 16.98'

PROP. SP.I.RAL NBDRO3B
P.I. STA = 2535+66.51
N_i = 1,874,433.24
E_i = 1,175,830.64
Δ = 3° 27' 27"
LS = 175.00'
YS = 3.52'
XS = 174.94'
P = 0.88'
K = 87.49'
LT = 116.69'
ST = 58.35'
LC = 174.97'

PROP. CURVE LE4301
P.I. STA = 813+31.25
N_i = 1,874,769.76
E_i = 1,176,048.87
Δ = 25° 32' 57" (LT)
D = 3° 55' 18"
R = 1,461.00'
T = 331.25'
L = 651.48'
E = 37.08'
e = 5.9%

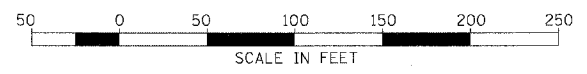
PROP. CURVE LSA1
P.I. STA = 221+00.82
N_i = 1,874,750.89
E_i = 1,176,169.92
Δ = 27° 20' 30" (LT)
D = 7° 54' 10"
R = 725.00'
T = 176.34'
L = 345.97'
E = 21.14'

PROP. CURVE D4300
P.I. STA = 8057+07.33
N_i = 1,876,018.11
E_i = 1,176,112.42
Δ = 1° 19' 55" (RT)
D = 1° 25' 57"
R = 4,000.00'
T = 46.49'
L = 92.99'
E = 0.27'
e = 2.3%

PROP. CURVE NBDRO9
P.I. STA = 2539+31.62
N_i = 1,874,770.97
E_i = 1,175,969.46
Δ = 23° 53' 35" (LT)
D = 3° 57' 05"
R = 1,450.00'
T = 306.79'
L = 604.67'
E = 32.10'

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

NOTE: ALL COORDINATES ARE GIVEN IN STATE PLANE (GRID) COORDINATES. GRID TO GROUND CONVERSION FACTOR = 1.000010988654360

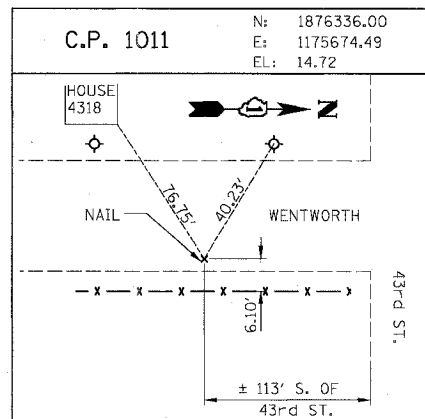


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
ALIGNMENT, TIES, AND BENCHMARKS
SCALE: 1"=100'
DATE: 07/07/05
DRAWN BY: JDC
CHECKED BY: RS

6/21/2005 3:05:44 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	47
STA. 3553+00.00		TO STA. 3585+00.00		
ILLINOIS FED. AID PROJECT				
62302 • 0818, ETC, 2324.6-1PIR-9				

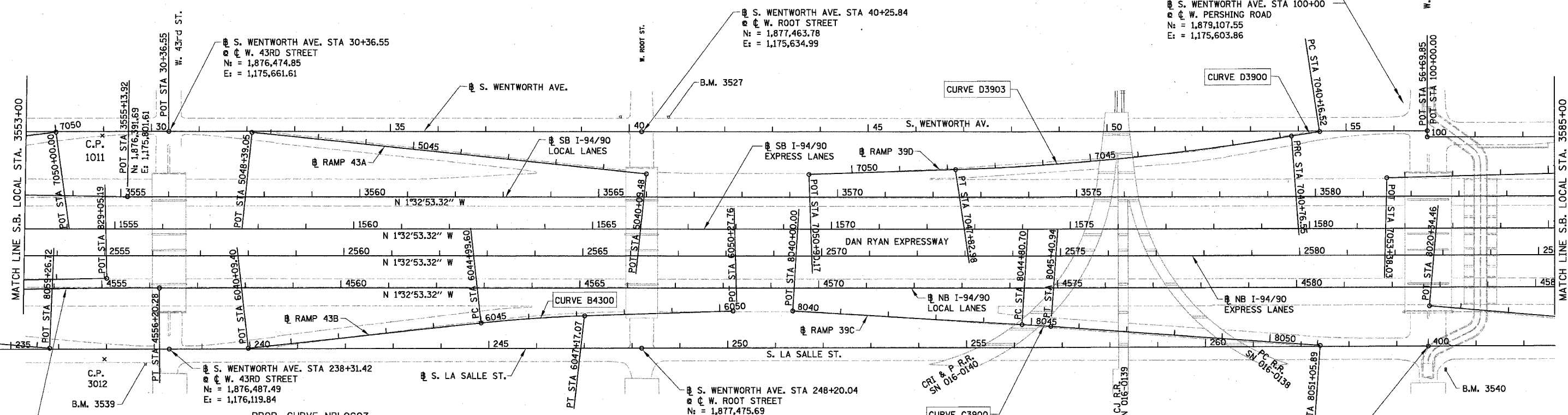


PROP. CURVE D3903
 P.I. STA = 7044+30.25
 N: = 1,878,475.96
 E: = 1,175,675.24
 Δ = 7° 22' 41" (RT)
 D = 1° 02' 40"
 R = 5,486.00'
 T = 353.70'
 L = 706.43'
 E = 11.39'
 P.C. STA = 7040+76.55
 N: = 1,878,823.36
 E: = 1,175,608.75
 P.T. STA = 7047+82.98
 N: = 1,878,122.90
 E: = 1,175,696.57

PROP. CURVE D3900
 P.I. STA = 7040+46.54
 N: = 1,878,852.84
 E: = 1,175,603.11
 Δ = 0° 47' 26" (LT)
 D = 1° 19' 02"
 R = 4,350.00'
 T = 30.02'
 L = 60.03'
 E = 0.10'
 P.C. STA = 7040+16.52
 N: = 1,878,882.40
 E: = 1,175,597.87
 P.T. STA = 7040+76.55
 N: = 1,878,823.36
 E: = 1,175,608.75

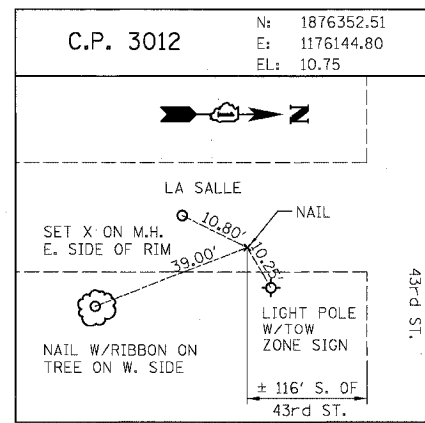
• S. WENTWORTH AVE. STA 56+69.85
 • W. PERSHING ROAD
 N: = 1,879,107.55
 E: = 1,175,590.76

• S. WENTWORTH AVE. STA 100+00
 • W. PERSHING ROAD
 N: = 1,879,107.55
 E: = 1,175,603.86



PROP. CURVE NBLOC08
 P.I. STA = 4554+19.42
 N: = 1,876,262.66
 E: = 1,175,997.17
 Δ = 1° 32' 04" (RT)
 D = 0° 22' 55"
 R = 15,000.00'
 T = 200.89'
 L = 401.75'
 E = 1.35'
 P.C. STA = 4552+18.53
 N: = 1,876,062.07
 E: = 1,176,007.97
 P.T. STA = 4556+20.28
 N: = 1,876,463.47
 E: = 1,175,991.74

PROP. CURVE NBLOC07
 P.I. STA = 4539+56.47
 N: = 1,874,785.65
 E: = 1,176,076.72
 Δ = 28° 53' 07" (LT)
 D = 3° 52' 17"
 R = 1,480.00'
 T = 381.17'
 L = 746.13'
 E = 48.30'
 e = 5.9%
 S.A. = CONT. ROTATING PLANE
 ENDS AT STA 4536+66.66
 T.R. = 68.49' (REMOVAL TRANSITION ONLY)
 S.E. RUN = 393.00' (REMOVAL TRANSITION ONLY)
 S.R. = STA 4541+90.43 TO
 STA 4546+51.92
 P.C. STA = 4535+75.30
 N: = 1,874,442.48
 E: = 1,175,910.80
 P.T. STA = 4543+21.43
 N: = 1,875,166.27
 E: = 1,176,056.22



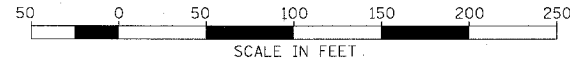
PROP. CURVE B4300
 P.I. STA = 6046+08.39
 N: = 1,877,246.14
 E: = 1,176,032.59
 Δ = 4° 21' 02" (RT)
 D = 2° 00' 02"
 R = 2,864.00'
 T = 108.79'
 L = 217.47'
 E = 2.07'
 e = 3.0%
 S.A. = STA 6044+79.60 TO 6045+09.60
 S.R. = STA 6047+07.07 TO 6047+37.07
 P.C. STA = 6044+99.60
 N: = 1,877,138.36
 E: = 1,176,047.37
 P.T. STA = 6047+17.07
 N: = 1,877,354.72
 E: = 1,176,026.03

PROP. CURVE C3900
 P.I. STA = 8045+10.82
 N: = 1,878,300.35
 E: = 1,176,021.08
 Δ = 0° 41' 25" (RT)
 D = 1° 08' 45"
 R = 5,000.00'
 T = 30.12'
 L = 60.24'
 E = 0.09'
 P.C. STA = 8044+80.70
 N: = 1,878,270.25
 E: = 1,176,020.07
 P.T. STA = 8045+40.94
 N: = 1,878,330.44
 E: = 1,176,022.46

• S. LASALLE ST. STA 400+00.00 AH
 STA 264+66.03 BK
 • W. PERSHING ROAD
 N: = 1,879,121.00
 E: = 1,176,043.89

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

NOTE: ALL COORDINATES ARE GIVEN IN STATE PLANE (GRID) COORDINATES. GRID TO GROUND CONVERSION FACTOR = 1.000010988654360



REVISIONS	
NAME	DATE

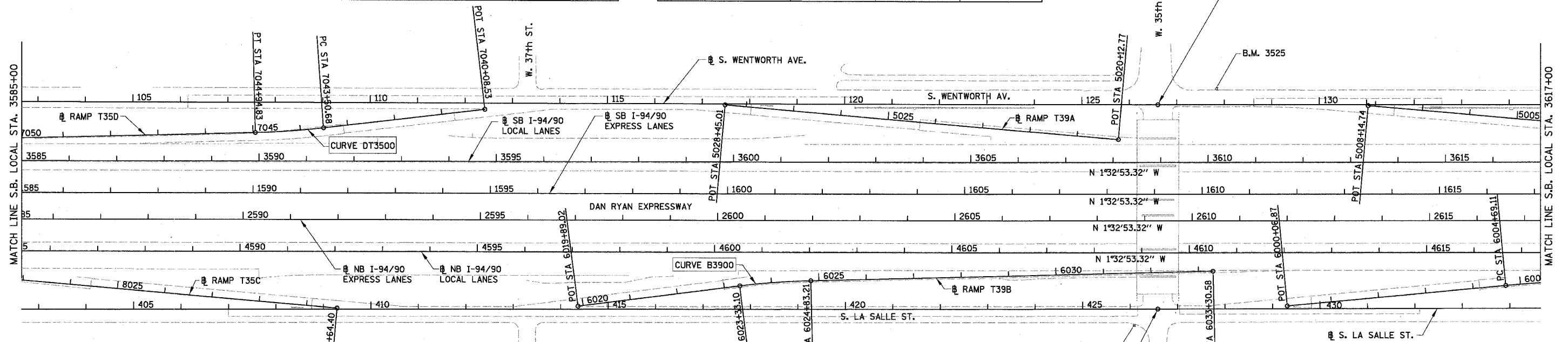
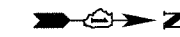
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 ALIGNMENT, TIES, AND BENCHMARKS
 SCALE: 1"=100'
 DATE: 07/07/05
 DRAWN BY: JDC
 CHECKED BY: RS

6/24/2005 3:55PM

PROP. CURVE DT3500
P.I. STA = 7044+22.81
N_i = 1,879,939.16
E = 1,175,643.87
Δ = 5° 14' 38" (RT)
D = 3° 38' 16"
R = 1,575.00'
T = 72.13'
L = 144.15'
E = 1.65'
e = 3.6%
S.A. = STA 7043+14.68 TO 7043+59.68
S.R. = STA 7044+85.83 TO 7045+30.83
P.C. STA = 7043+50.68
N_i = 1,880,010.54
E_i = 1,175,633.56
P.T. STA = 7044+94.83
N_i = 1,879,867.13
E_i = 1,175,647.62

POINT	DESCRIPTION	STATION	NORTH	EAST
BEGIN	RAMP 47A	5060+00.00	1,875,185.77	1,175,764.15
END	RAMP 47A	5074+13.97	1,873,854.99	1,175,322.86
BEGIN	RAMP 47B	6059+26.00	1,874,166.99	1,175,887.94
END	RAMP 47B	6069+64.12	1,875,168.85	1,176,104.15
BEGIN	RAMP 43C	7050+00.00	1,876,238.80	1,175,669.59
END	RAMP 43C	7059+84.92	1,875,259.95	1,175,764.44
BEGIN	RAMP 43D	8051+00.00	1,875,411.12	1,176,092.10
END	RAMP 43D	8059+26.72	1,876,237.16	1,176,124.86
BEGIN	RAMP 43A	5040+09.48	1,877,475.98	1,175,723.30
END	RAMP 43A	5048+39.05	1,876,648.91	1,175,658.90
BEGIN	RAMP 43B	6040+09.40	1,876,652.70	1,176,113.96
END	RAMP 43B	6050+27.76	1,877,664.85	1,176,007.29
BEGIN	RAMP 39D	7040+16.52	1,878,882.40	1,175,597.87
END	RAMP 39D	7050+90.17	1,877,816.27	1,175,715.09
BEGIN	RAMP 39C	8040+00.00	1,877,789.82	1,176,003.91
END	RAMP 39C	8051+05.89	1,878,894.81	1,176,048.24

POINT	DESCRIPTION	STATION	NORTH	EAST
BEGIN	RAMP T35D	7040+08.53	1,880,349.18	1,175,584.62
END	RAMP T35D	7053+38.03	1,879,025.07	1,175,691.43
BEGIN	RAMP T35C	8020+34.46	1,879,121.15	1,175,958.93
END	RAMP T35C	8029+64.40	1,880,049.40	1,176,014.92
BEGIN	RAMP T39A	5020+12.77	1,881,685.70	1,175,610.45
END	RAMP T39A	5028+45.01	1,880,854.96	1,175,560.34
BEGIN	RAMP T39B	6019+89.02	1,880,556.70	1,175,995.95
END	RAMP T39B	6033+30.58	1,881,892.23	1,175,884.04
BEGIN	RAMP 35A	5000+11.94	1,883,011.02	1,175,573.65
END	RAMP 35A	5008+14.74	1,882,209.69	1,175,525.14
BEGIN	RAMP 35B	6000+06.87	1,882,050.72	1,175,953.56
END	RAMP 35B	6009+98.58	1,883,037.81	1,175,862.08
BEGIN	RAMP 31D	6998+80.64	1,884,211.76	1,175,472.66
END	RAMP 31D	7009+73.36	1,883,123.75	1,175,571.65
BEGIN	RAMP 31C	8000+11.68	1,883,273.75	1,175,856.72
END	RAMP 31C	8008+42.54	1,884,103.52	1,175,898.24



BENCH MARK NO. 3524 ELEV. 15.17
DESCRIPTION:
CROSS CUT ON NORTH FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF 31st ST. AND WENTWORTH AVE.

BENCH MARK NO. 3525 ELEV. 16.93
DESCRIPTION:
CROSS CUT ON NORTHWEST FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF 35th ST. AND WENTWORTH AVE.

BENCH MARK NO. 3526 ELEV. 17.37
DESCRIPTION:
CROSS CUT ON NORTHWEST FLANGE BOLT OF FIRE HYDRANT AT THE WENTWORTH GARDEN OFFICE ALONG THE WEST SIDE OF WENTWORTH AVE.

BENCH MARK NO. 3527 ELEV. 15.63
DESCRIPTION:
CROSS CUT ON NORTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF ROOT ST. AND WENTWORTH AVE.

BENCH MARK NO. 3539 ELEV. 13.10
DESCRIPTION:
CROSS CUT ON EASTERLY BOLT OF LIGHT POLE BASE AT THE SOUTHEAST CORNER OF 43rd ST. AND LA SALLE ST.

BENCH MARK NO. 3540 ELEV. 12.33
DESCRIPTION:
SQUARE CUT ON THE SOUTHWEST CORNER OF THE TRAFFIC CONTROL BOX AT THE NORTHEAST CORNER OF 39th ST. AND LA SALLE ST.

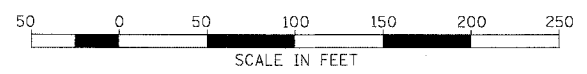
BENCH MARK NO. 3541 ELEV. 14.78
DESCRIPTION:
CROSS CUT ON THE SOUTHWEST BOLT OF LIGHT POLE BASE AT THE SOUTH EAST CORNER OF 35th ST. AND LA SALLE ST.

BENCH MARK NO. 3542 ELEV. 13.57
DESCRIPTION:
CROSS CUT ON THE EASTERLY FLANGE BOLT OF THE FIRE HYDRANT AT THE INTERSECTION OF 31st ST. AND LA SALLE ST.

PROP. CURVE B3900
P.I. STA = 6024+08.22
N_i = 1,880,970.99
E = 1,175,932.00
Δ = 5° 47' 44" (RT)
D = 3° 51' 39"
R = 1,484.00'
T = 75.12'
L = 150.11'
E = 1.90'
e = 3.7%
S.A. = STA 6022+97.10 TO 6023+42.10
S.R. = STA 6024+74.21 TO 6025+19.21
P.C. STA = 6023+33.10
N_i = 1,880,896.76
E_i = 1,175,943.46
P.T. STA = 6024+83.21
N_i = 1,881,046.01
E_i = 1,175,928.09

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NOTE: ALL COORDINATES ARE GIVEN IN STATE PLANE (GRID) COORDINATES. GRID TO GROUND CONVERSION FACTOR = 1.000010988654360

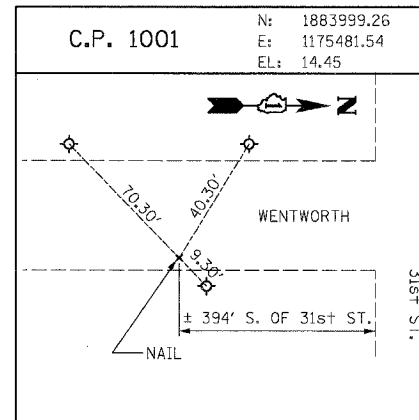


REVISIONS	
NAME	DATE

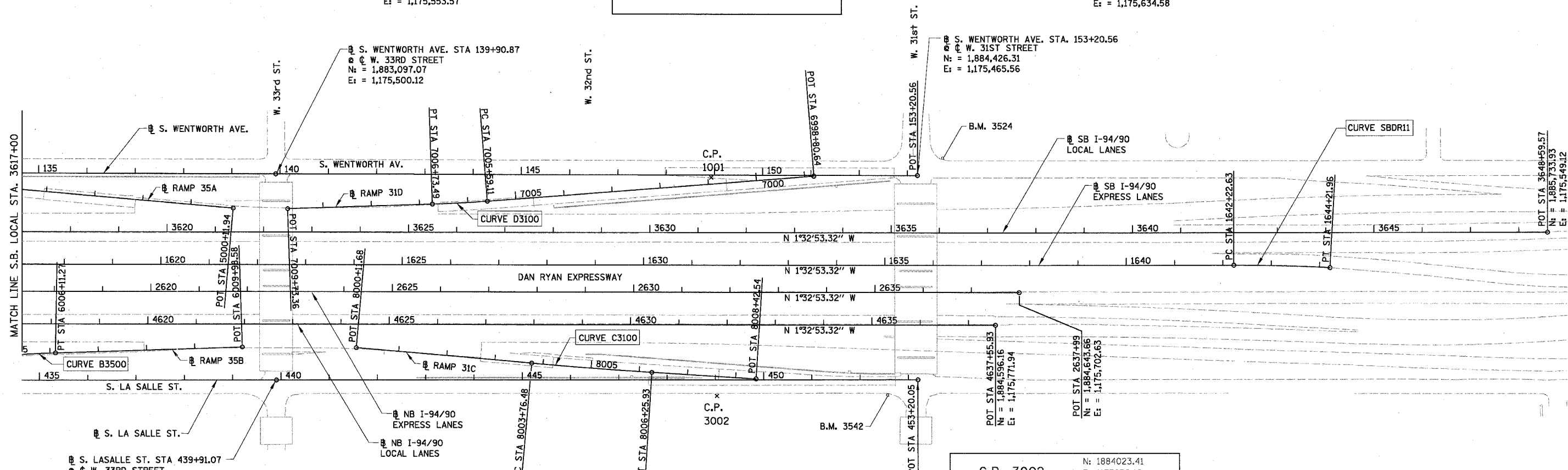
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
ALIGNMENT, TIES, AND BENCHMARKS
SCALE: 1"=100'
DATE: 07/07/05
DRAWN BY: JDC
CHECKED BY: RS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	49
STA. 3617+00.00 TO STA.				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		(1818, ETC. 2324.6-1)PR-9		

PROP. CURVE D3100
P.I. STA = 7006+16.31
N = 1,883,480.18
E = 1,175,550.12
Δ = 2° 35' 11" (RT)
D = 2° 15' 40"
R = 2,534.00'
T = 57.20'
L = 114.38'
E = 0.65'
e = 2.6%
S.A. = STA 7005+43.11 TO 7005+63.11
S.R. = STA 7006+69.49 TO 7006+89.49
P.C. STA = 7005+59.11
N = 1,883,537.06
E = 1,175,544.09
P.T. STA = 7006+73.49
N = 1,883,423.08
E = 1,175,553.57



PROP. CURVE SBDR11
P.I. STA = 1643+22.32
N = 1,885,186.06
E = 1,175,631.95
Δ = 3° 03' 18" (RT)
D = 1° 31' 57"
R = 3,738.57'
T = 99.69'
L = 199.33'
E = 1.33'
e = ±2.5% (MATCH EXISTING)
S.A. = STA 1641+95.99 TO 1642+35.95
S.R. = N/A
P.C. STA = 1642+22.63
N = 1,885,086.40
E = 1,175,634.65
P.T. STA = 1644+21.96
N = 1,885,285.71
E = 1,175,634.58

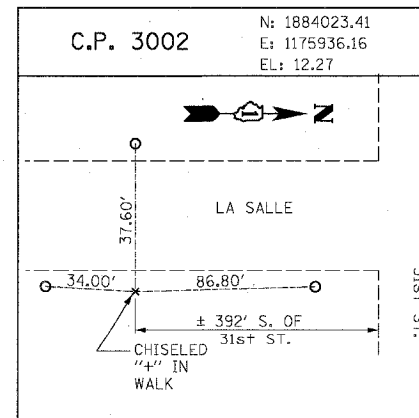


⊕ S. LASALLE ST. STA 439+91.07
⊕ W. 33RD STREET
N = 1,883,110.40
E = 1,175,928.83

PROP. CURVE B3500
P.I. STA = 6005+40.21
N = 1,882,580.23
E = 1,175,889.72
Δ = 3° 25' 00" (RT)
D = 2° 24' 12"
R = 2,384.00'
T = 71.10'
L = 142.16'
E = 1.06'
e = 2.7%
S.A. = STA 6004+53.11 TO 6004+73.11
S.R. = STA 6006+07.27 TO 6006+27.27
P.C. STA = 6004+69.11
N = 1,882,509.63
E = 1,175,898.23
P.T. STA = 6006+11.27
N = 1,882,651.20
E = 1,175,885.43

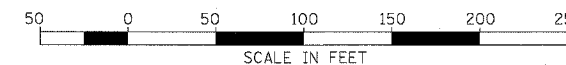
PROP. CURVE C3100
P.I. STA = 8005+01.21
N = 1,883,762.40
E = 1,175,886.19
Δ = 1° 25' 45" (LT)
D = 0° 34' 23"
R = 10,000.00'
T = 124.73'
L = 249.45'
E = 0.78'
P.C. STA = 8003+76.48
N = 1,883,637.89
E = 1,175,878.68
P.T. STA = 8006+25.93
N = 1,883,887.05
E = 1,175,890.60

⊕ S. LASALLE ST. STA 453+20.05
⊕ W. 31ST STREET
N = 1,884,438.84
E = 1,175,890.52



NOTE: ALL COORDINATES ARE GIVEN IN STATE PLANE (GRID) COORDINATES. GRID TO GROUND CONVERSION FACTOR = 1.000010988654360

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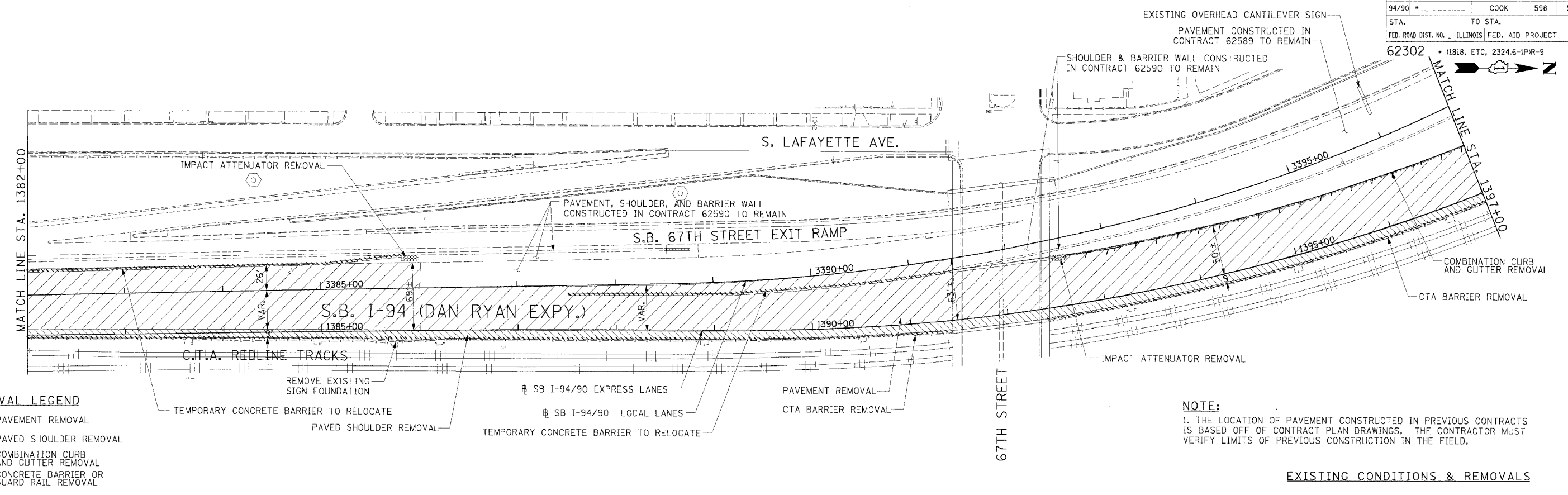


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
ALIGNMENT, TIES, AND BENCHMARKS
SCALE: 1"=100'
DATE: 07/07/05
DRAWN BY: JOC
CHECKED BY: RS

ALT-04
6/24/2005 3:05:15 PM

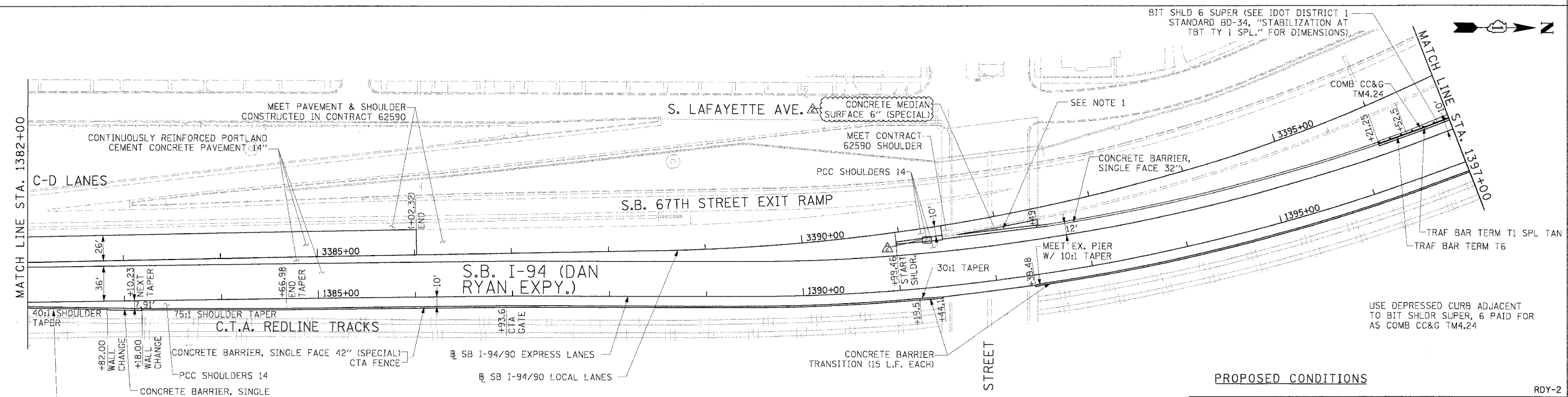
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	51
STA.	TO STA.		FED. AID PROJECT	
62302	(1818, ETC, 2324.6-1)PR-9			



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

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

EXISTING CONDITIONS & REMOVALS



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

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

REVISIONS

NAME	DATE
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
EXISTING AND PROPOSED PLAN
SOUTHBOUND STA. 1382+00 TO STA. 1397+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

STATIONING

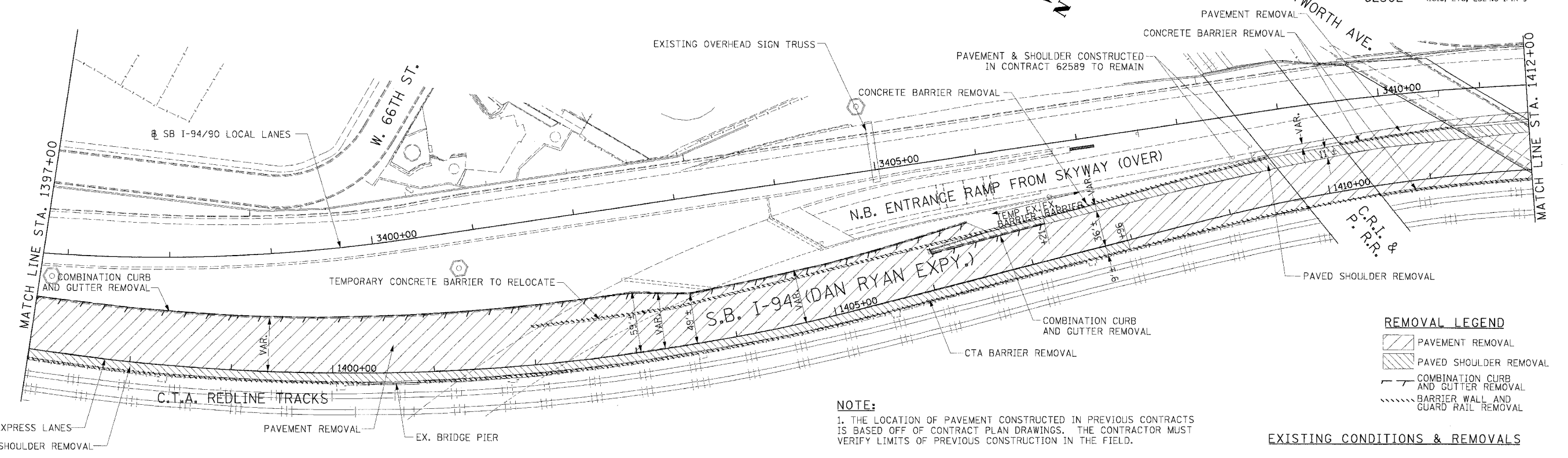
+**.** STATION PROVIDED FROM THE SB I-90/94 EXPRESS LANES

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

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

09/14/2005 10:53:55 AM

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			

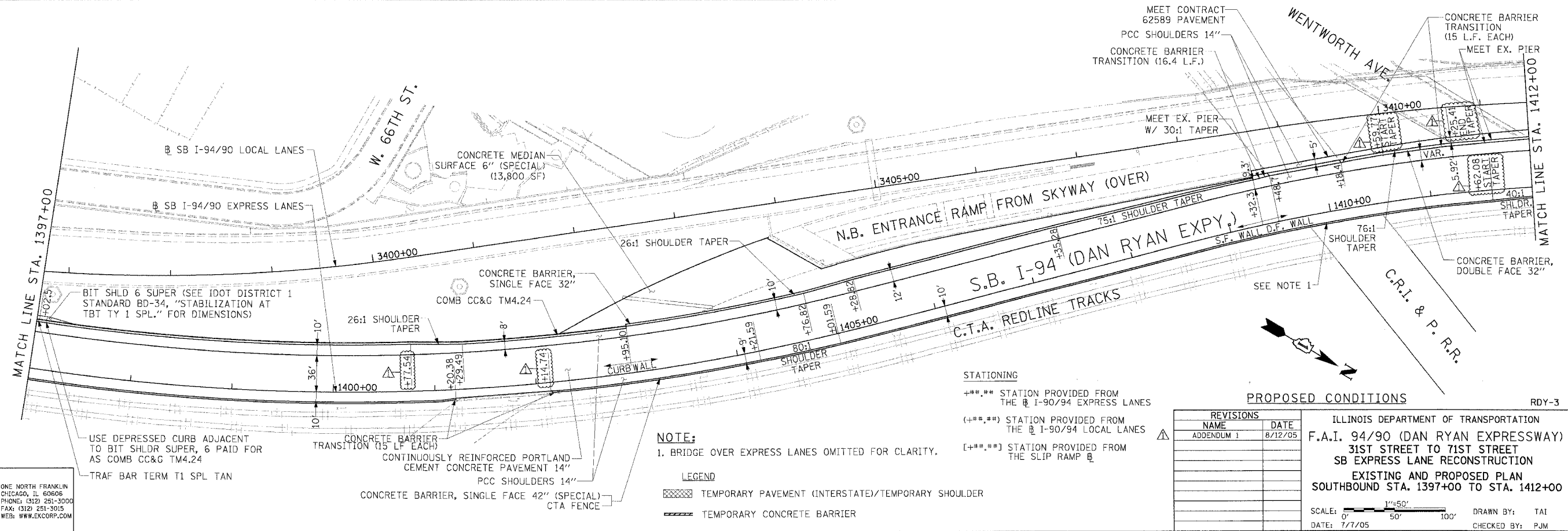


REMOVAL LEGEND

	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

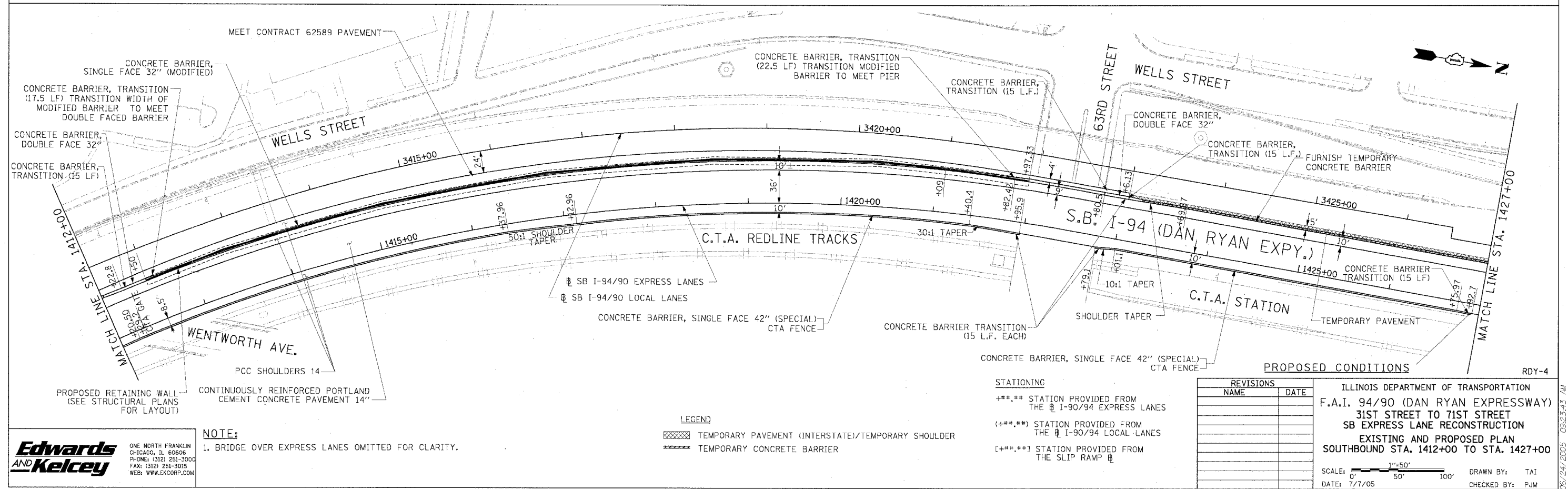
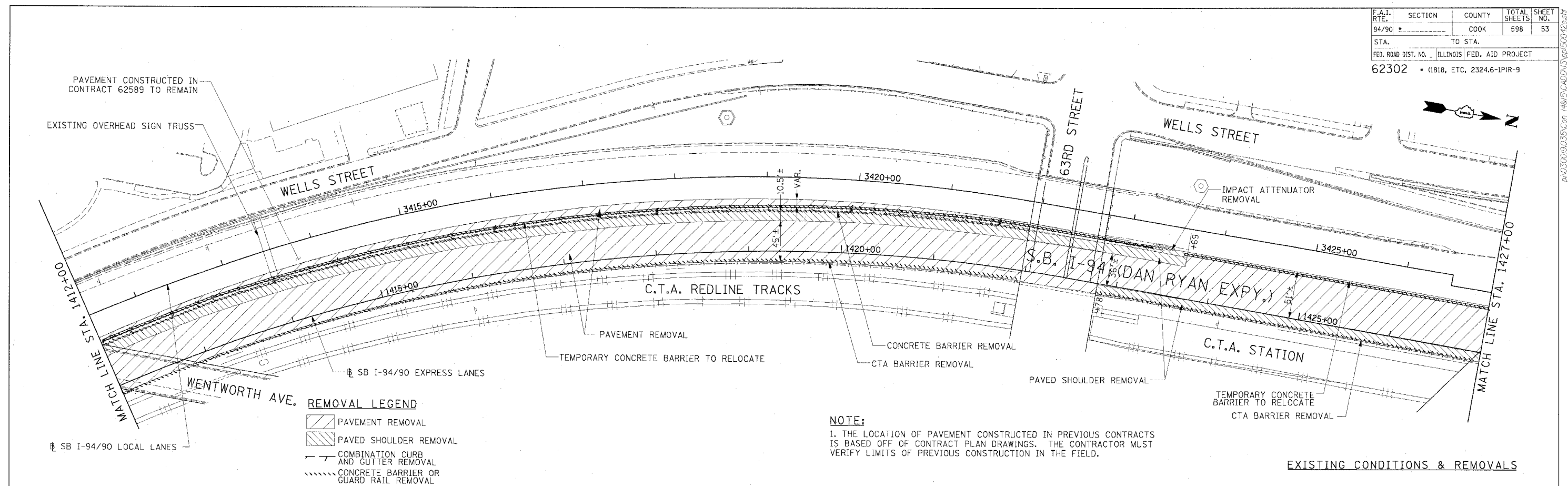
NOTE:
1. BRIDGE OVER EXPRESS LANES OMITTED FOR CLARITY.

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

08/10/2005 02:29:00 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	53
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	(1818, ETC.	2324.6-1P1R-9		



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

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

LEGEND
 [Hatched Box] TEMPORARY PAVEMENT (INTERSTATE)/TEMPORARY SHOULDER
 [Dashed Line] TEMPORARY CONCRETE BARRIER

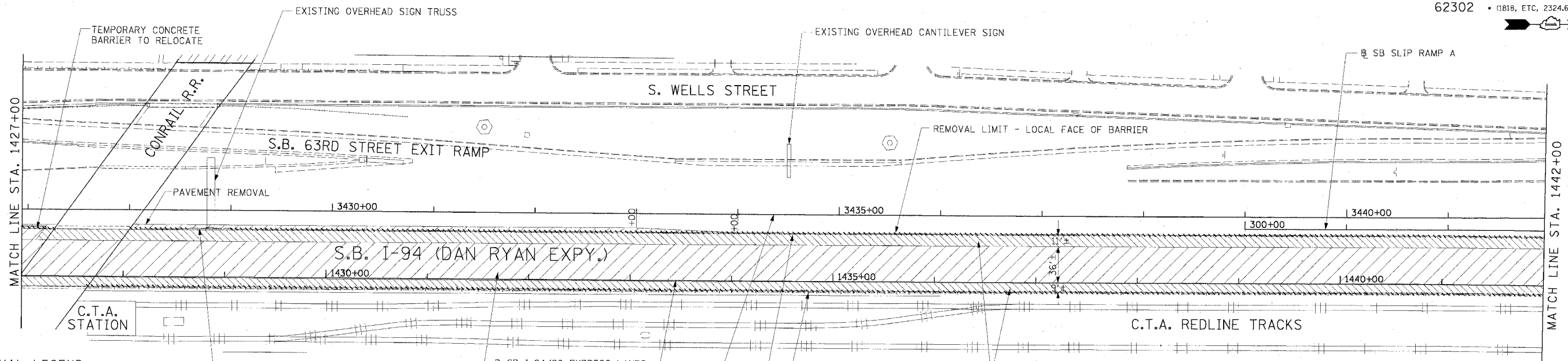
STATIONING
 [***.##] STATION PROVIDED FROM THE SB I-90/94 EXPRESS LANES
 [+(##.###)] STATION PROVIDED FROM THE SB I-90/94 LOCAL LANES
 [+###.###] STATION PROVIDED FROM THE SLIP RAMP

REVISIONS	
NAME	DATE

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. 1412+00 TO STA. 1427+00
 SCALE: 1"=50'
 DATE: 7/1/05
 DRAWN BY: TAI
 CHECKED BY: PJM

06/24/2005 09:23:43 AM

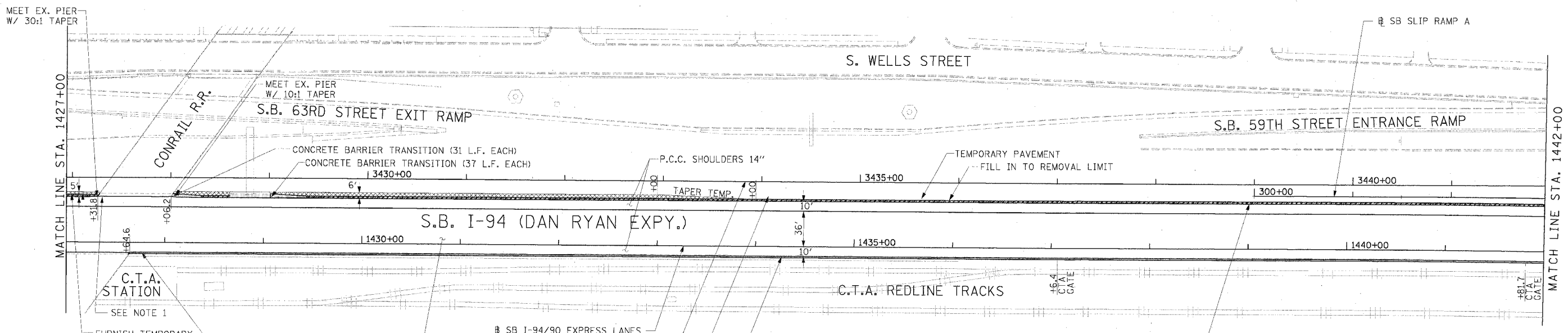
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	54
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	11818, ETC, 2324.6-1PR-9			



- REMOVAL LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - COMBINATION CURB AND GUTTER REMOVAL
 - 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



- SB I-94/90 EXPRESS LANES
- SB I-94/90 LOCAL LANES
- FURNISH TEMPORARY CONCRETE BARRIER
- CONCRETE BARRIER, SINGLE FACE 42" (SPECIAL) C.T.A. FENCE

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

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

Edwards AND Kelcey
 ONE NORTH FRANKLIN CHICAGO, IL 60606
 PHONE: (312) 251-3000
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PROPOSED CONDITIONS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1427+00 TO STA. 1442+00

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

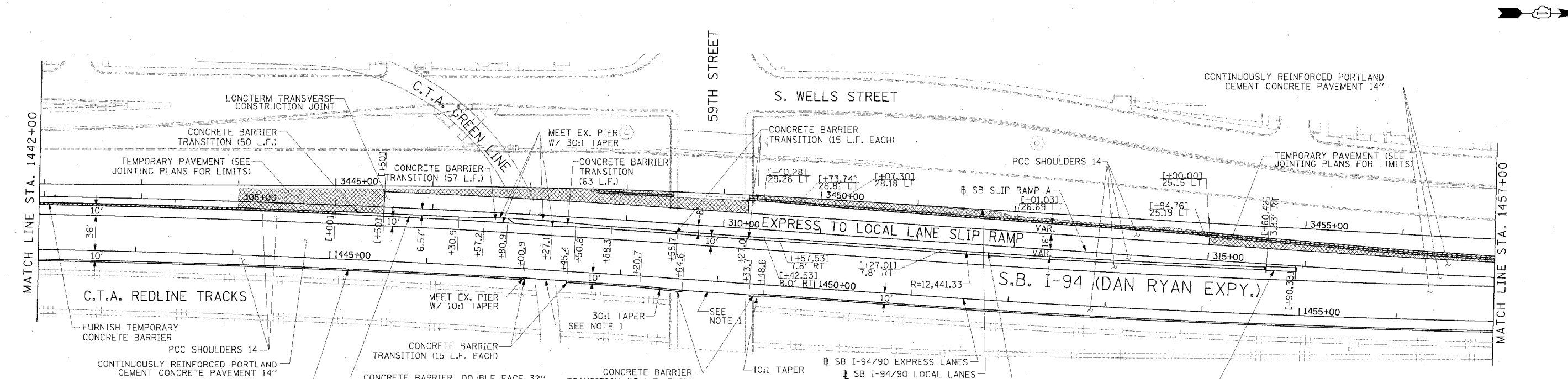
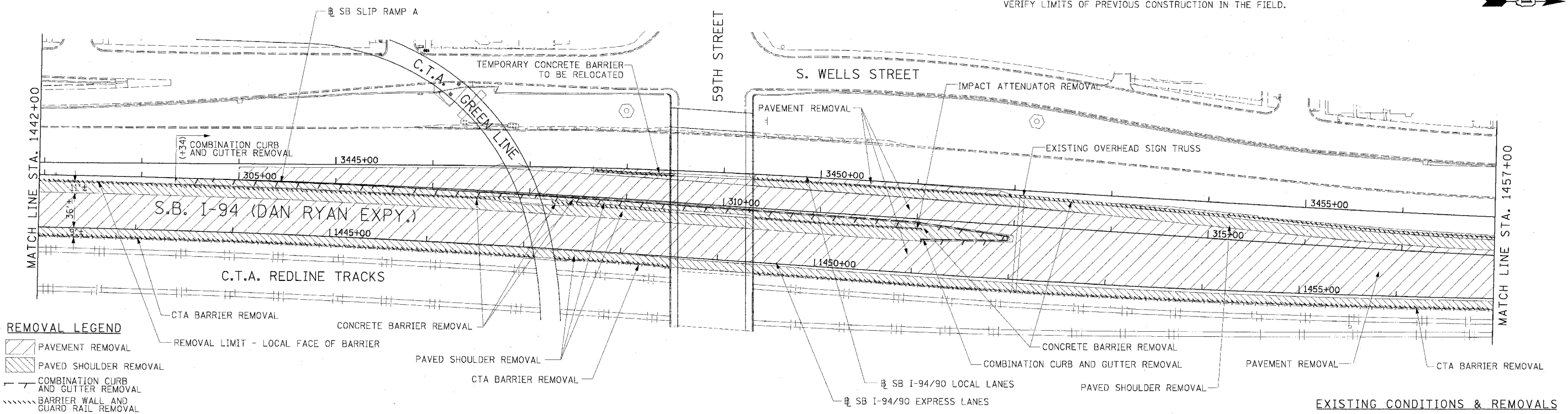
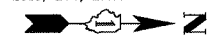
DRAWN BY: TAI
 CHECKED BY: PJM

RDY-5

06/24/2005 09:24:14 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	55
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	1816, ETC, 2324.6-1PR-9			

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.



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

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

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
EXISTING AND PROPOSED PLAN
SOUTHBOUND STA. 1442+00 TO STA. 1457+00

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

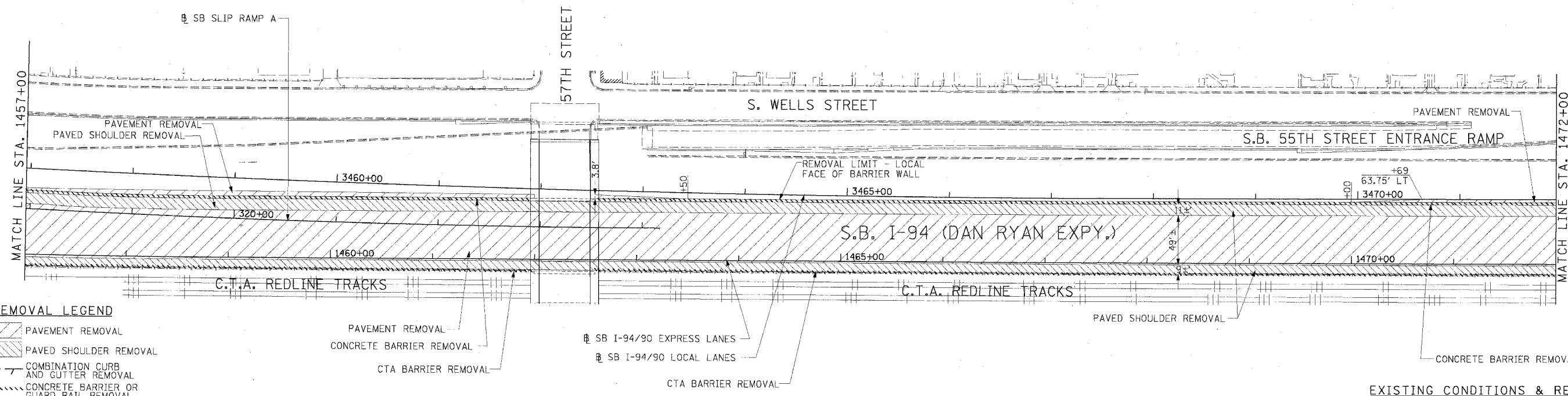
DRAWN BY: TAI
CHECKED BY: PJM

PROPOSED CONDITIONS

RDY-6

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	56
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	1818, ETC. 2324.6-1P/R-9			

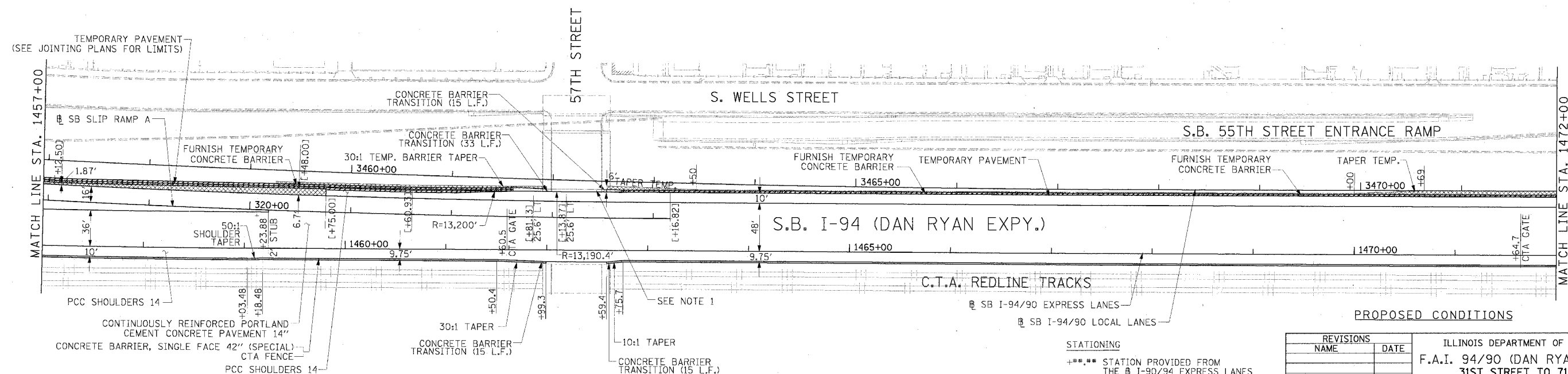
NOTE:
 1. THE LOCATION OF PAVEMENT CONSTRUCTED IN PREVIOUS CONTRACTS IS BASED OFF OF CONTRACT PLAN DRAWINGS. THE CONTRACTOR MUST VERIFY LIMITS OF PREVIOUS CONSTRUCTION IN THE FIELD.



REMOVAL LEGEND

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

EXISTING CONDITIONS & REMOVALS



PROPOSED CONDITIONS

RDY-7

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

LEGEND

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

NOTE:

1. BRIDGE OVER EXPRESS LANES OMITTED FOR CLARITY.

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

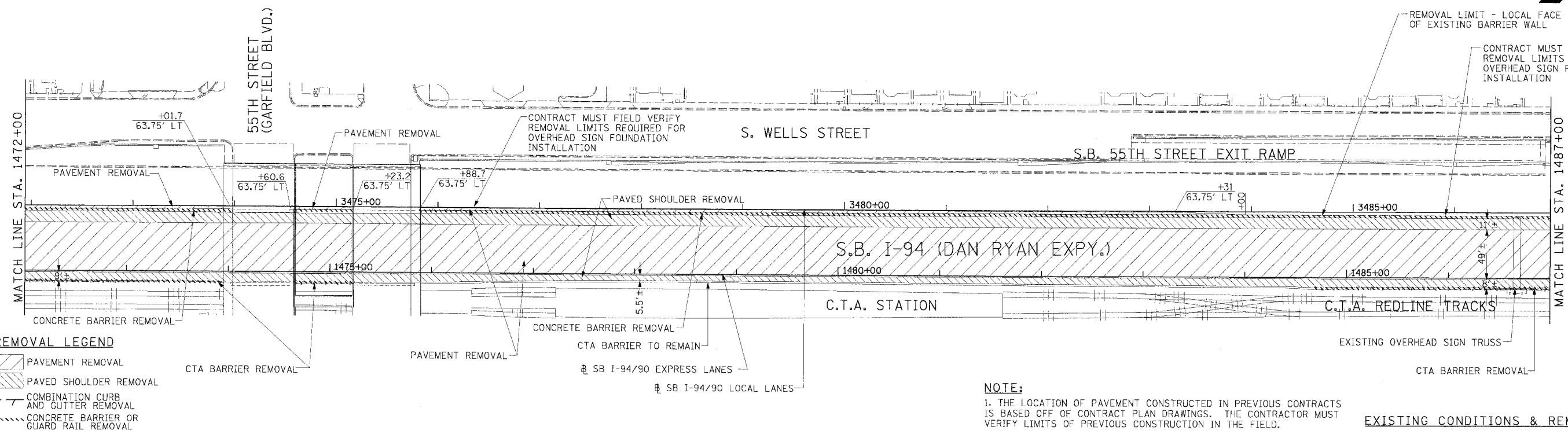
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1457+00 TO STA. 1472+00

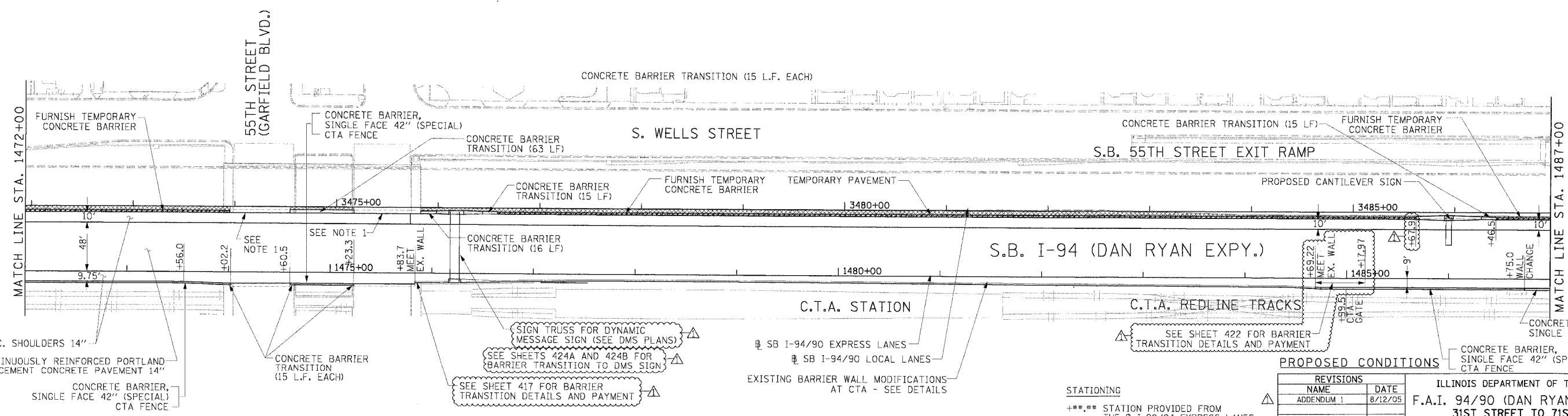
SCALE: 1"=50'
 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: PJM

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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.



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

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

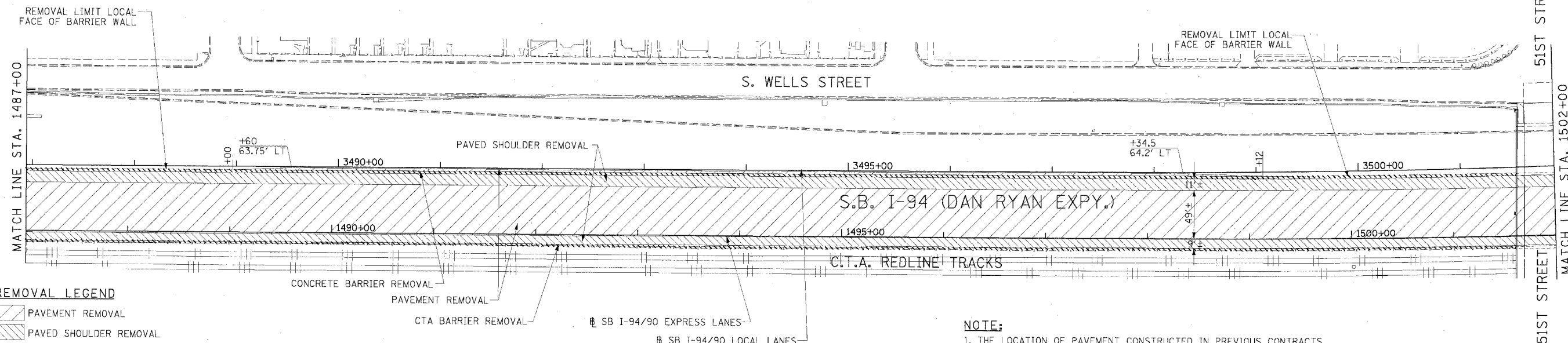
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	58
STA.	TO STA.			
62302	ILLINOIS FED. AID PROJECT			
1818, ETC, 2324.6-1PR-9				

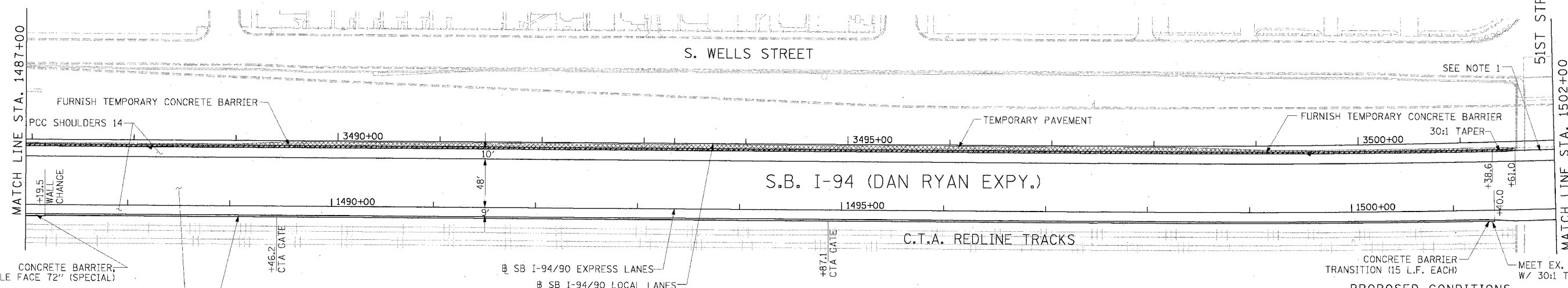


REMOVAL LEGEND

	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



CONCRETE BARRIER, SINGLE FACE 72" (SPECIAL)
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 SB I-90/94 EXPRESS LANES
 (+##,##) STATION PROVIDED FROM THE SB I-90/94 LOCAL LANES
 [+##,##] STATION PROVIDED FROM THE SLIP RAMP SB

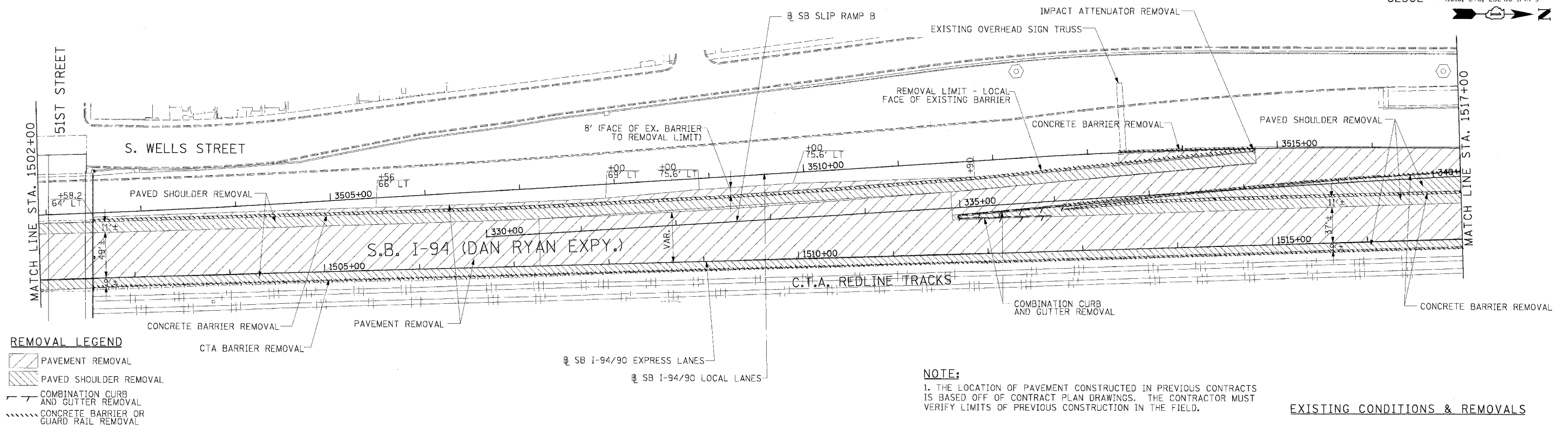
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1487+00 TO STA. 1502+00
 SCALE: 1"=50'
 DATE: 7/1/05
 DRAWN BY: TAI
 CHECKED BY: PJM

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

06/24/2005 09:26:06 AM

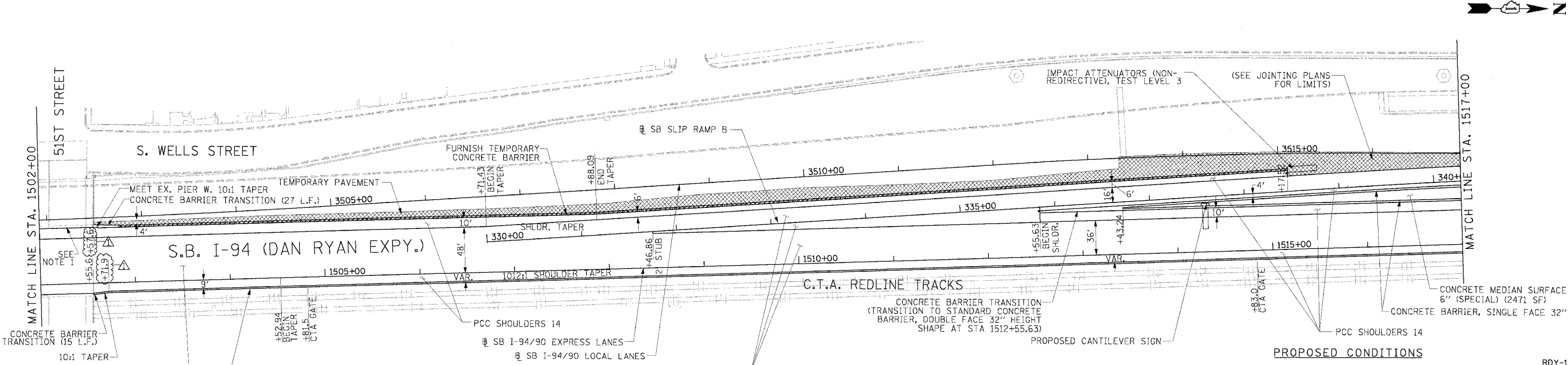
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	59
STA.		TO STA.		
62302		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 11818, ETC, 2324.6-IPR-9				



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

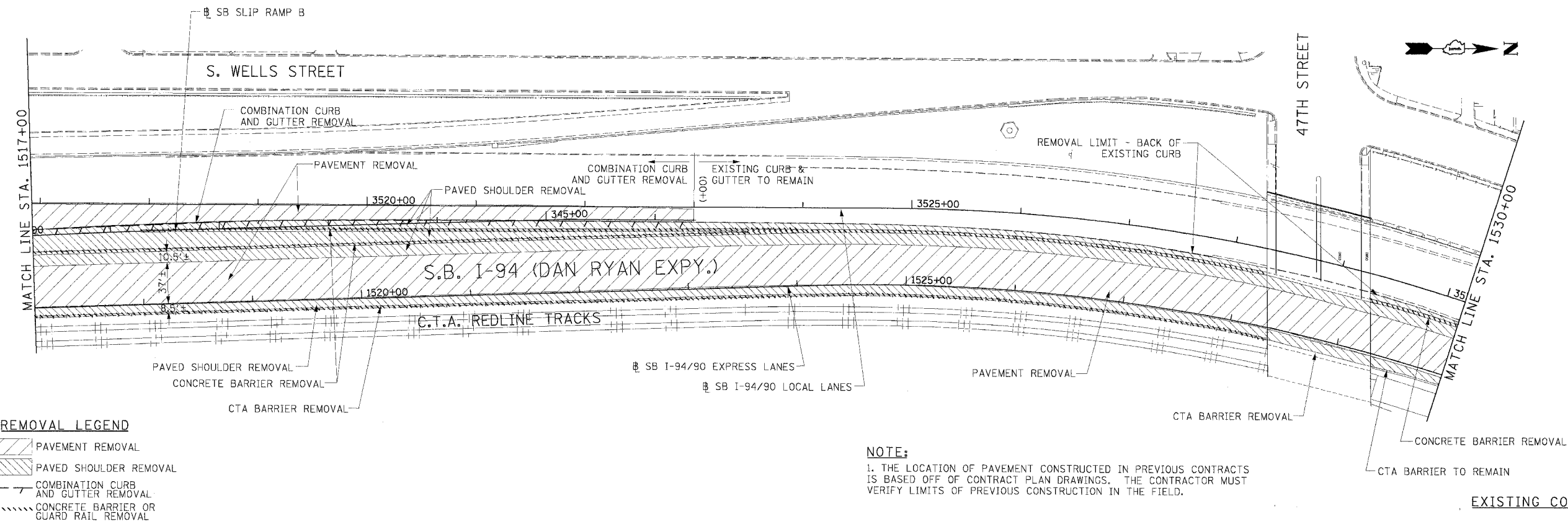
DRAWN BY: TAI
 CHECKED BY: PJM

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

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

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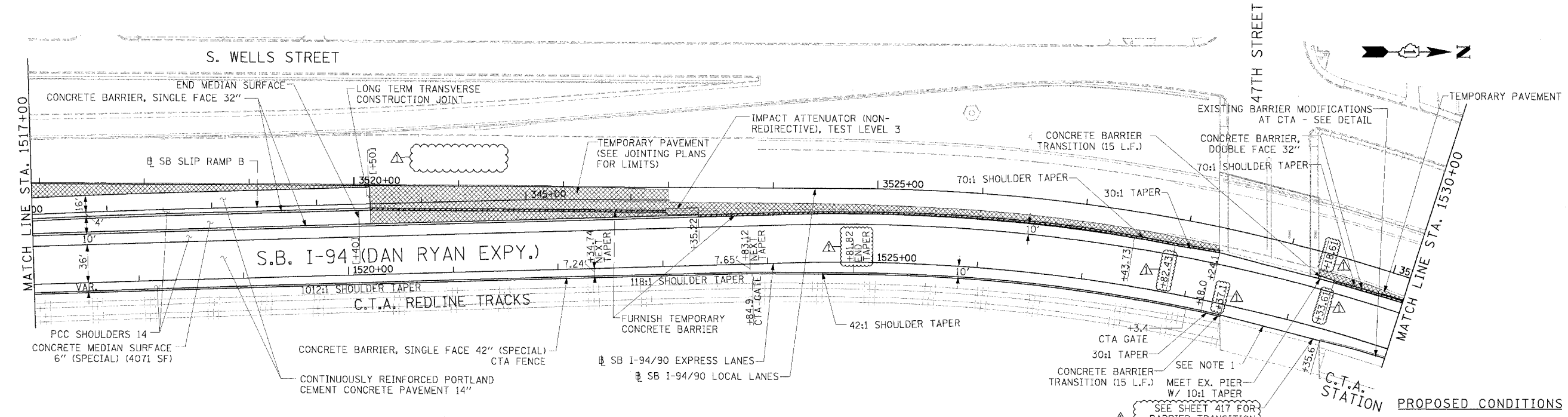
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	60
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	1815, ETC, 2324.6-1P/R-9			



- 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.EKCORP.COM

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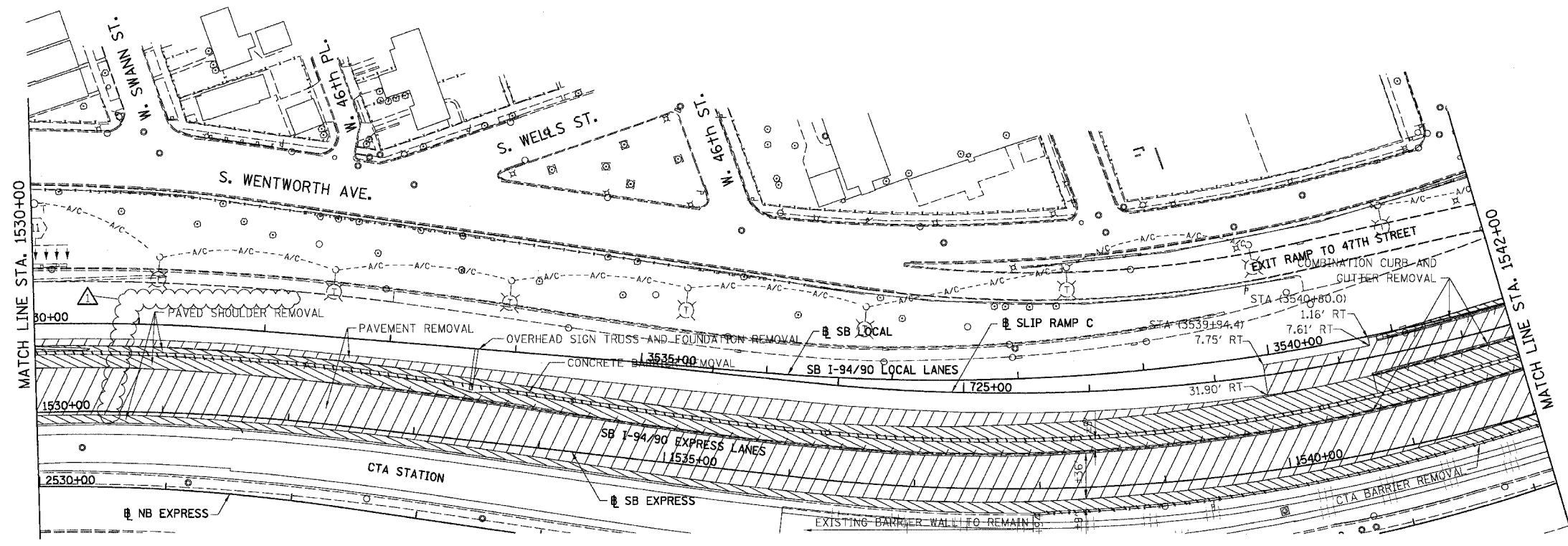
NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.

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

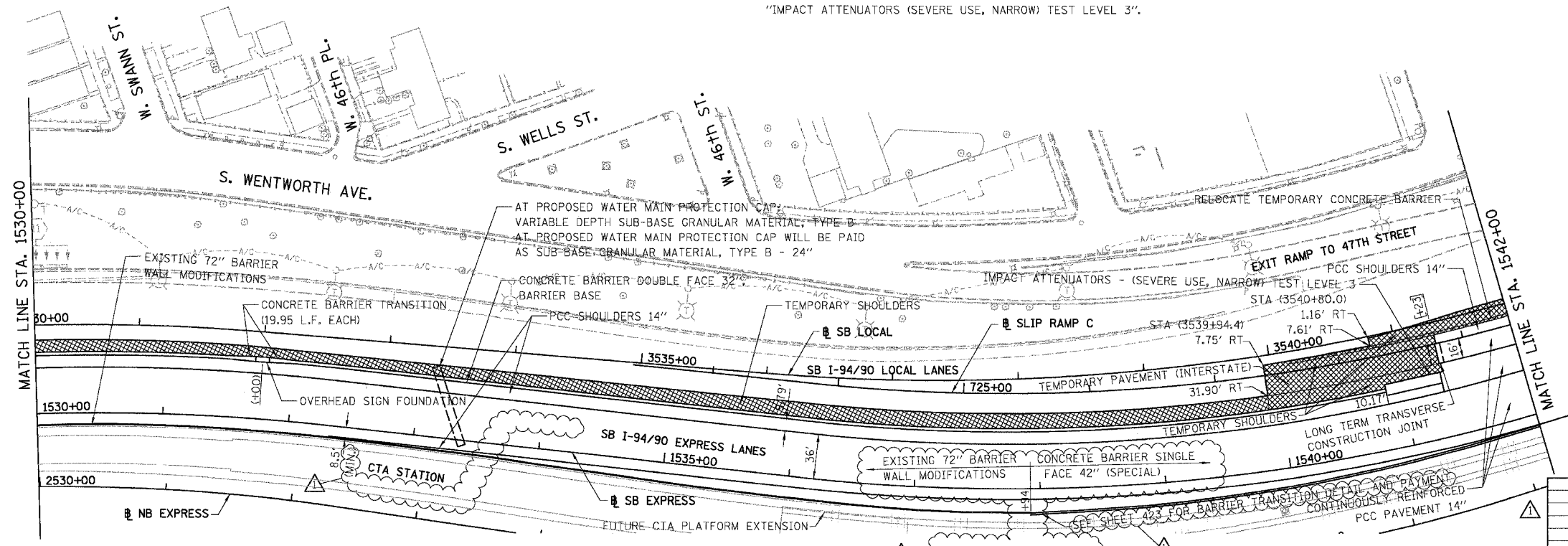


EXISTING CONDITIONS AND REMOVALS

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



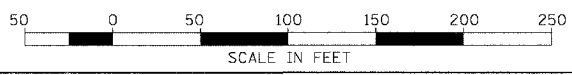
STATIONING
 +**.** STATION PROVIDED FROM THE SB I-94/90 EXPRESS LANES
 (+**.**)** STATION PROVIDED FROM THE SB I-94/90 LOCAL LANES
 [+**.**]** STATION PROVIDED FROM THE SLIP RAMP

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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 312.228.0100
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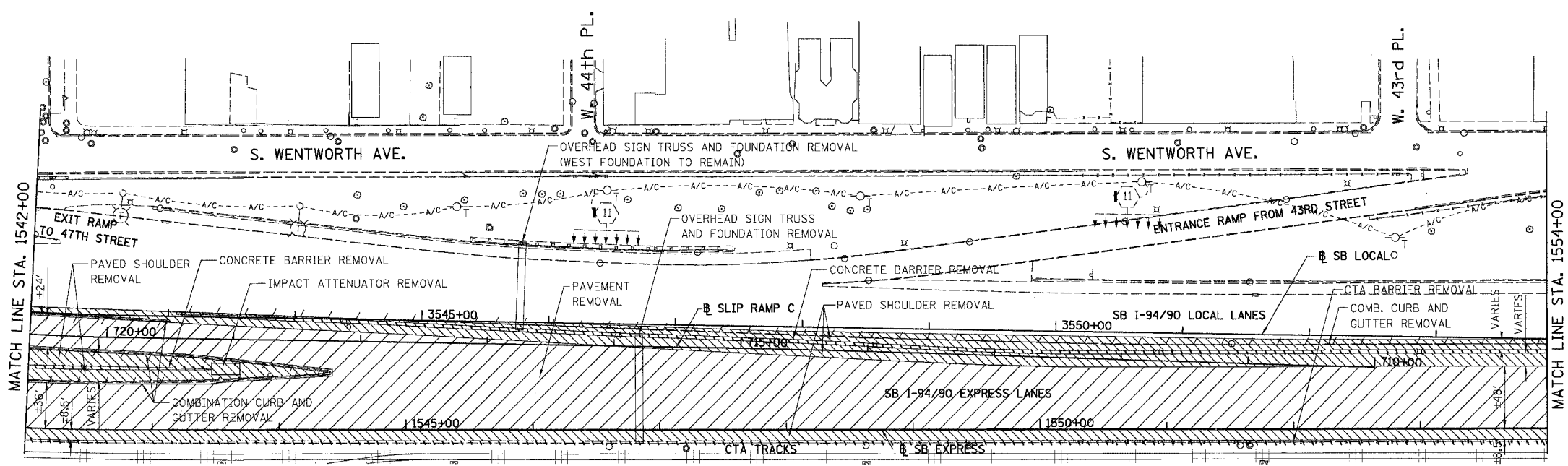
NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.



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

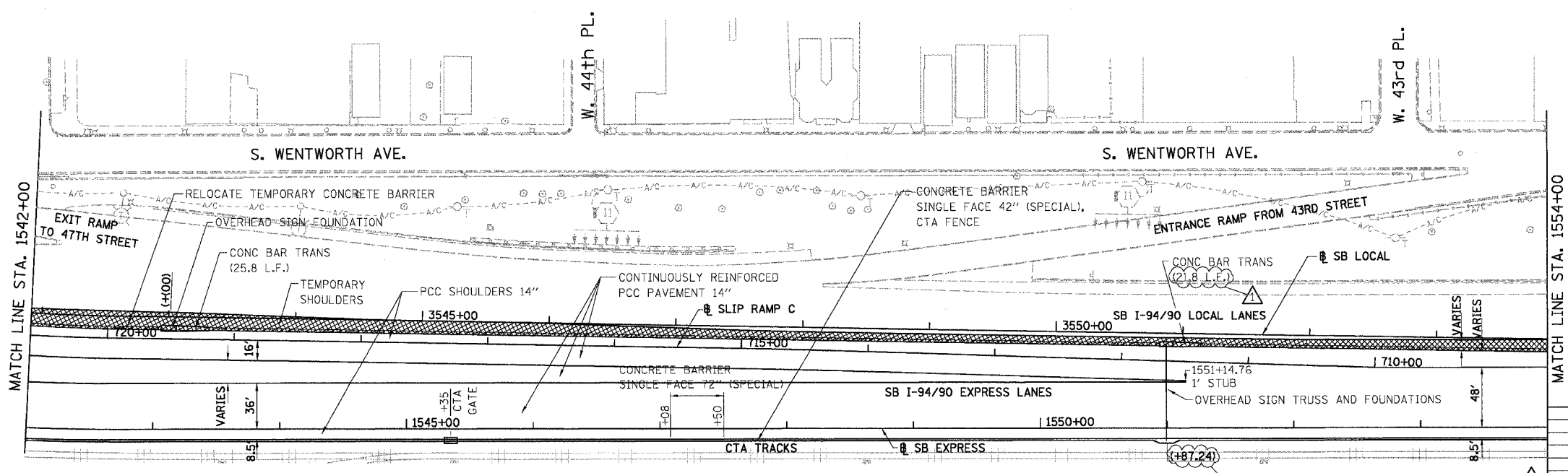


EXISTING CONDITIONS AND REMOVALS



PROPOSED LEGEND

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

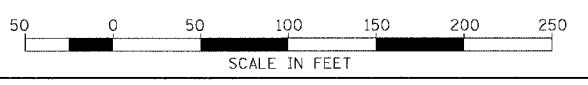


STATIONING
 +###.## STATION PROVIDED FROM THE SB I-94/90 EXPRESS LANES
 (+###.##) STATION PROVIDED FROM THE SB I-94/90 LOCAL LANES
 [+###.##] STATION PROVIDED FROM THE SLIP RAMP

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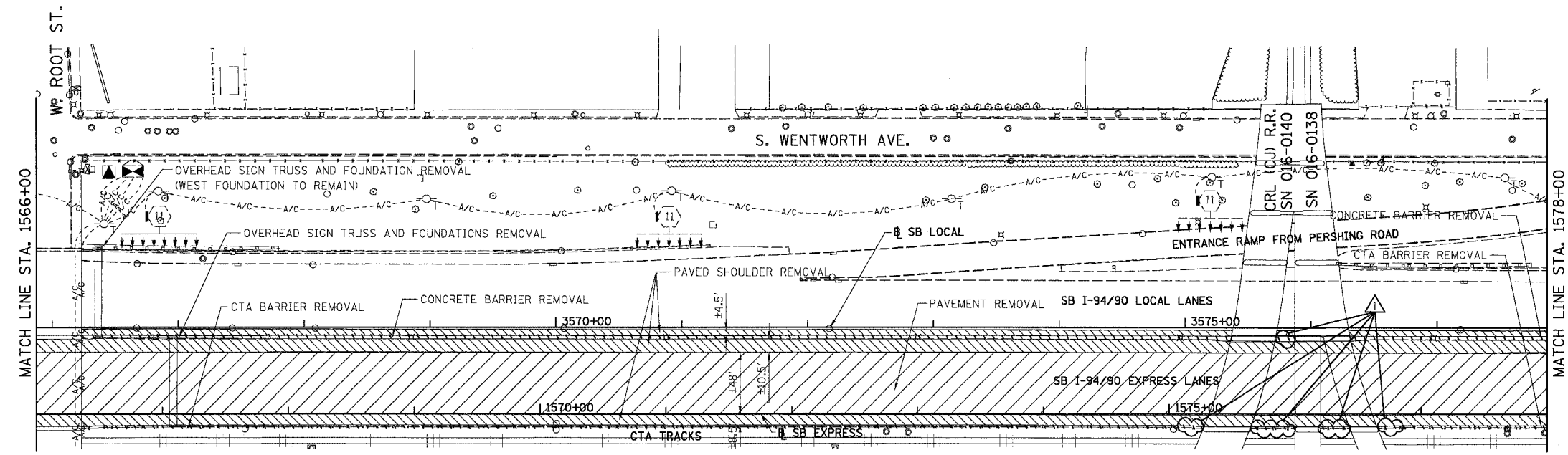
NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.



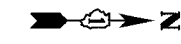
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	64
STA. 1566+00		TO STA. 1578+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	•(1818, ETC., 2324.6-1P)R-9			

REMOVAL LEGEND

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



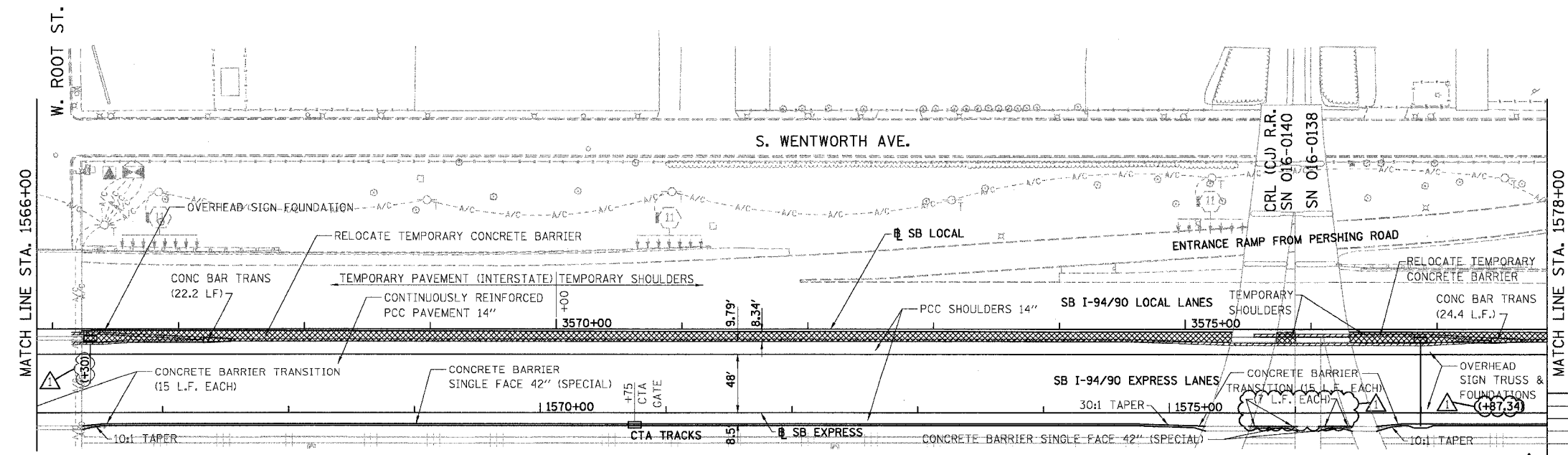
EXISTING CONDITIONS AND REMOVALS



PROPOSED LEGEND

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

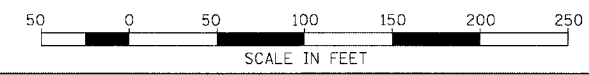
STATIONING
 +##.## STATION PROVIDED FROM THE SB I-94/90 EXPRESS LANES
 (+##.##) STATION PROVIDED FROM THE SB I-94/90 LOCAL LANES
 [+##.##] STATION PROVIDED FROM THE SLIP RAMP



PROPOSED CONDITIONS RDY-15

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. 1566+00 TO STA. 1578+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC



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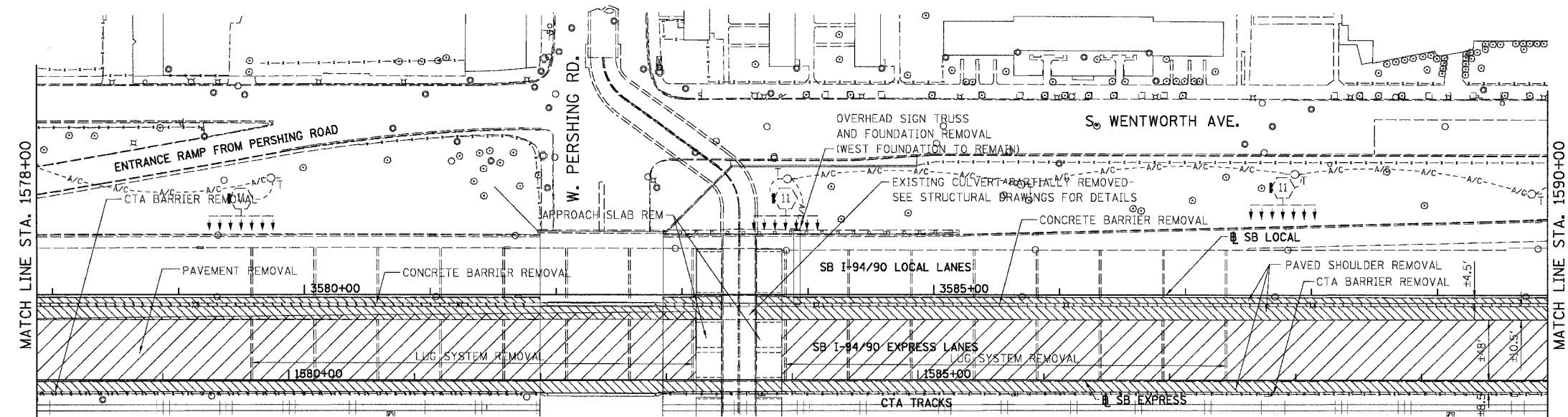
NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.



F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	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



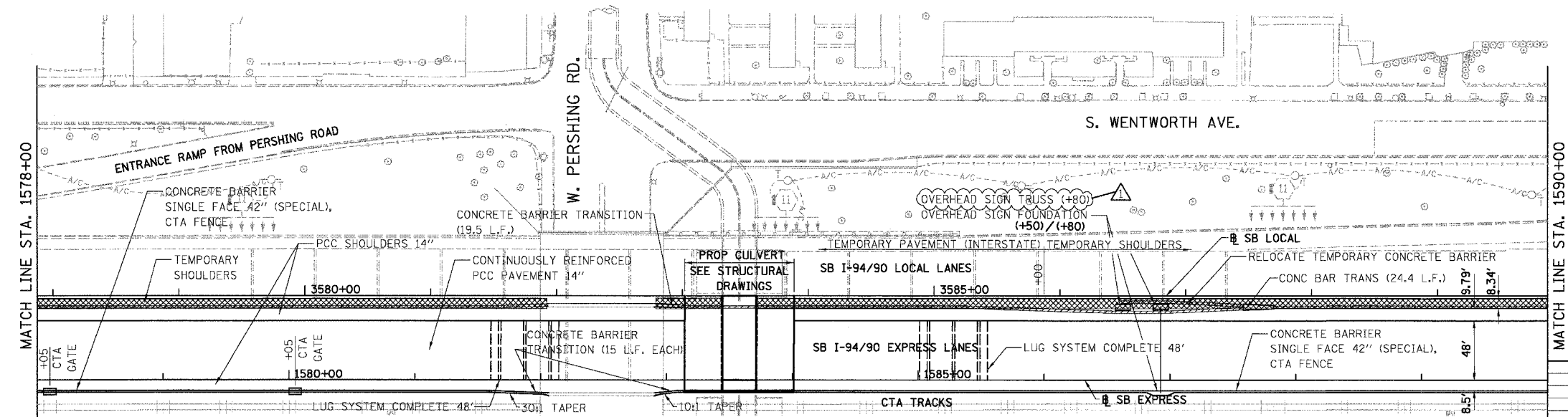
EXISTING CONDITIONS AND REMOVALS



PROPOSED LEGEND

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

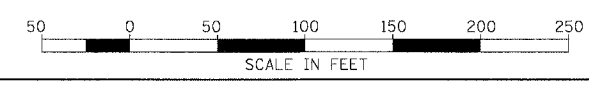
STATIONING
 +##.## STATION PROVIDED FROM THE SB I-94/90 EXPRESS LANES
 (+##.##) STATION PROVIDED FROM THE SB I-94/90 LOCAL LANES
 [+##.##] STATION PROVIDED FROM THE SLIP RAMP



PROPOSED CONDITIONS RDY-16

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. 1578+00 TO STA. 1590+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC



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 312.228.0100
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PAGE 65 OF 65 SHEETS 6602301491 8/17/2005 2:35:36 PM

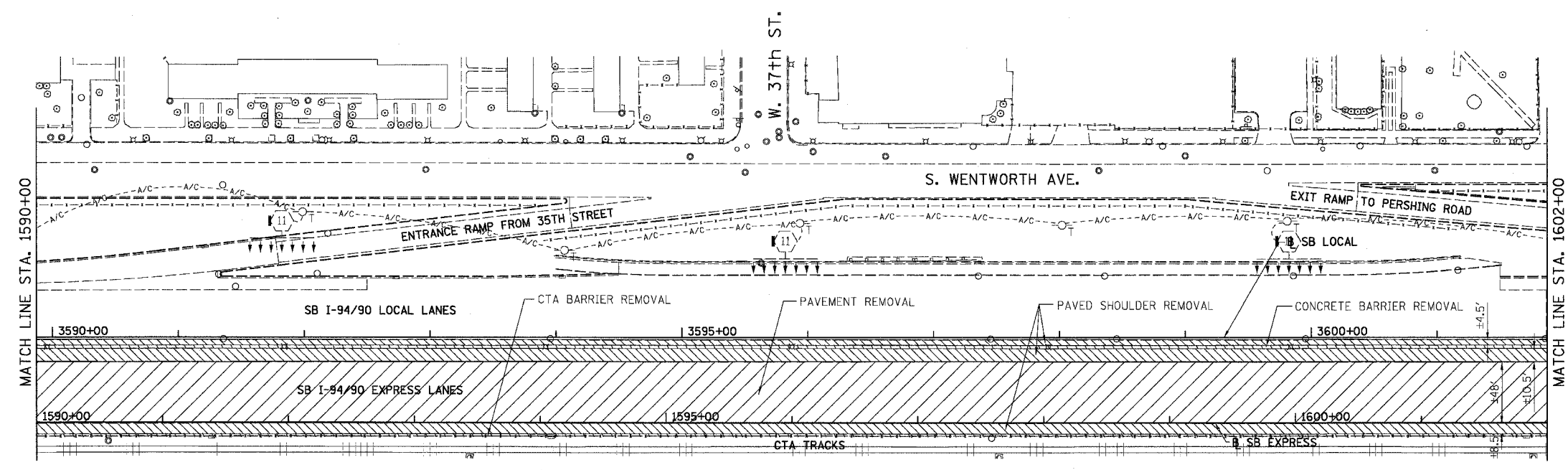
NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.



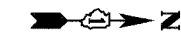
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	66
STA. 1590+00		TO STA. 1602+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*11818, ETC, 2324.6-1PIR-9			

REMOVAL LEGEND

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



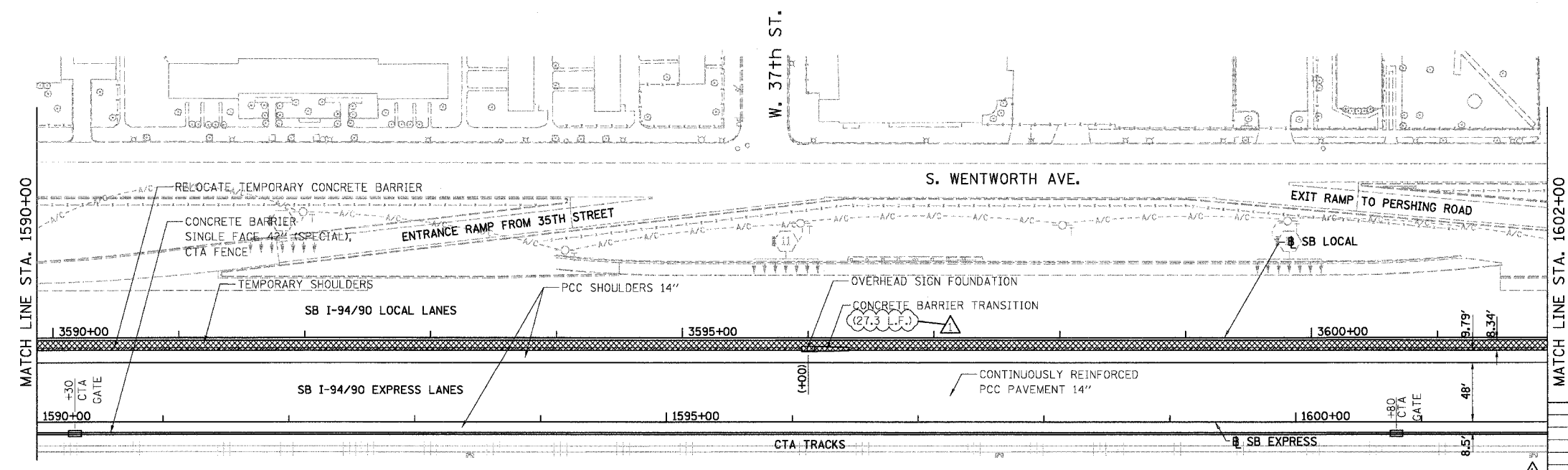
EXISTING CONDITIONS AND REMOVALS



PROPOSED LEGEND

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

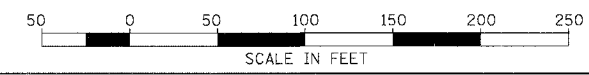
STATIONING
 +###.## STATION PROVIDED FROM THE I-94/90 EXPRESS LANES
 (+##.##) STATION PROVIDED FROM THE I-94/90 LOCAL LANES
 [+##.##] STATION PROVIDED FROM THE SLIP RAMP



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



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

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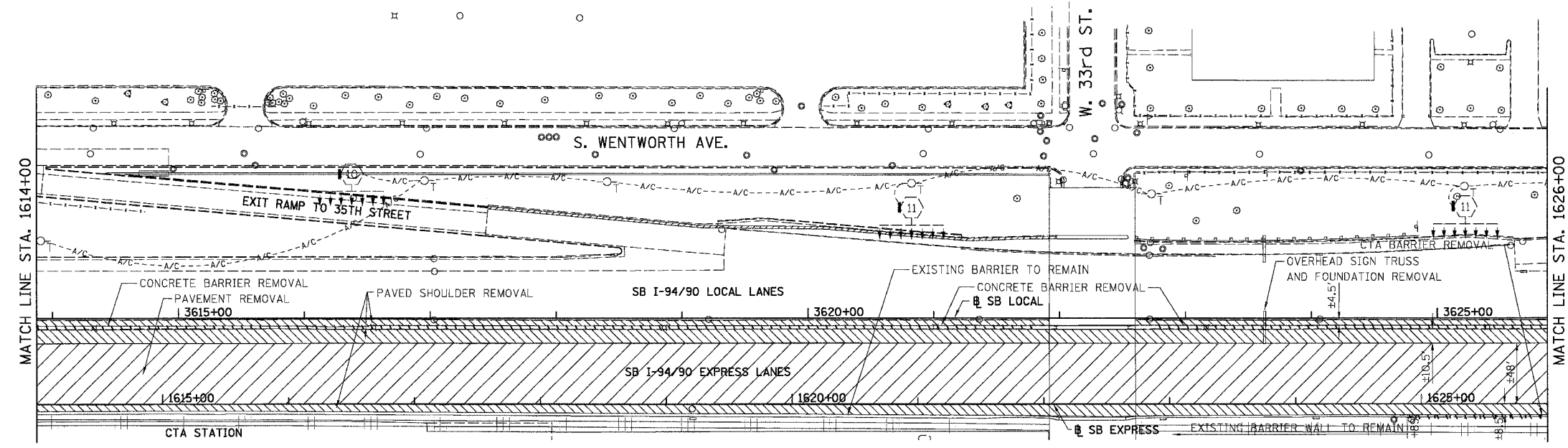
NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.



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



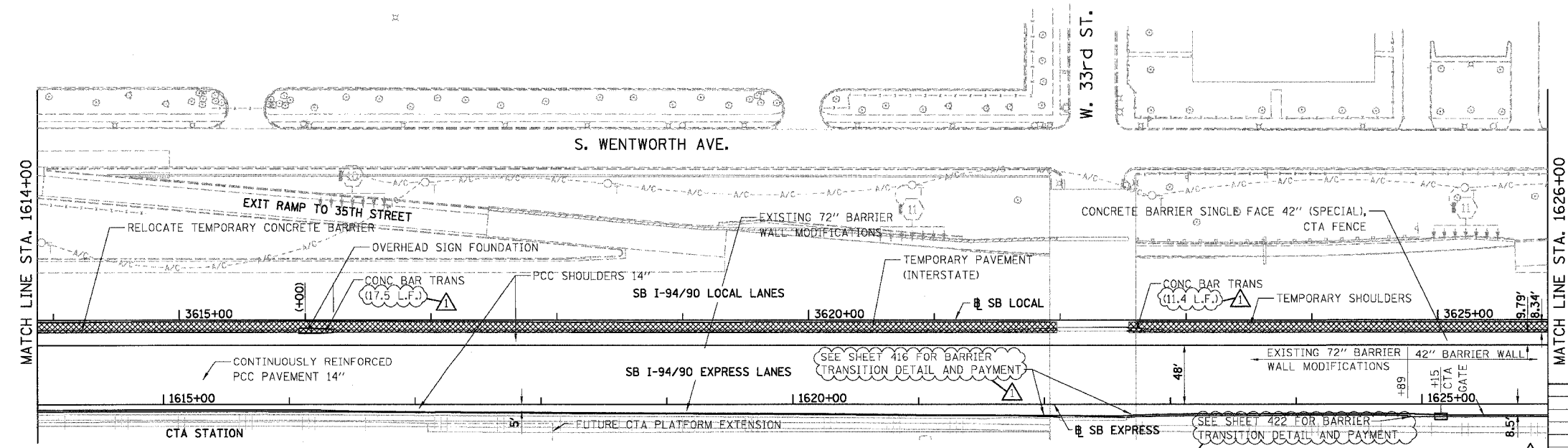
EXISTING CONDITIONS AND REMOVALS



PROPOSED LEGEND

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

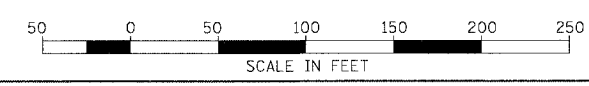
STATIONING
 +###.## STATION PROVIDED FROM THE I-94/90 EXPRESS LANES
 (+##.###) STATION PROVIDED FROM THE I-94/90 LOCAL LANES
 [+###.###] STATION PROVIDED FROM THE SLIP RAMP



PROPOSED CONDITIONS

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

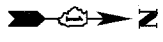
RDY-19
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1614+00 TO STA. 1626+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC



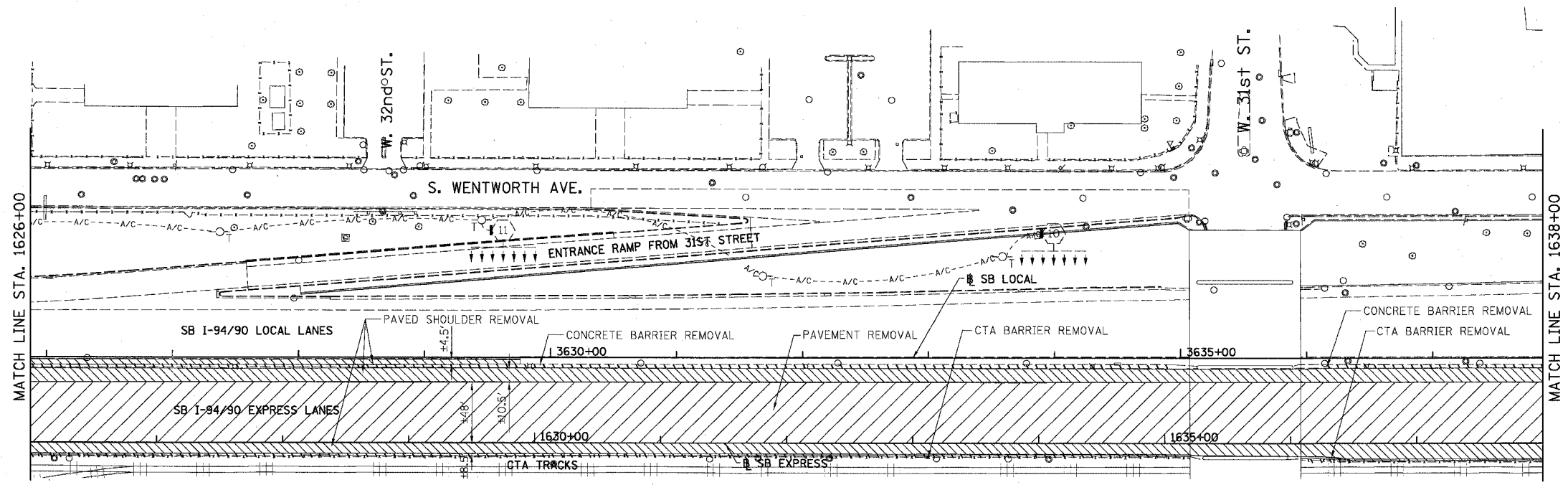
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253655.PM 8/17/2005

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



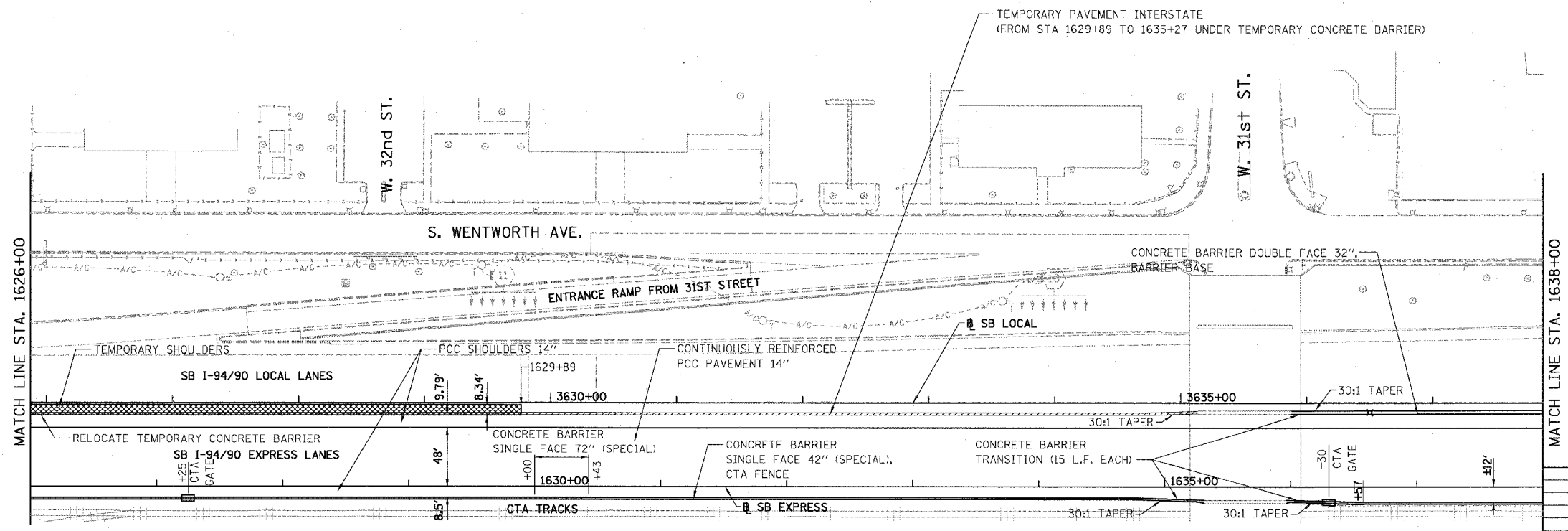
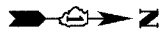
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	598	69
STA. 1626+00	TO STA. 1638+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*(1818, ETC, 2324,6-1PR-9			



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

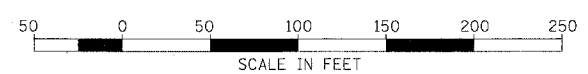
STATIONING
 +##.## STATION PROVIDED FROM THE SB I-94/90 EXPRESS LANES
 (++#.##) STATION PROVIDED FROM THE SB I-94/90 LOCAL LANES
 [+##.##] STATION PROVIDED FROM THE SLIP RAMP

PROPOSED CONDITIONS RDY-20

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1626+00 TO STA. 1638+00
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC

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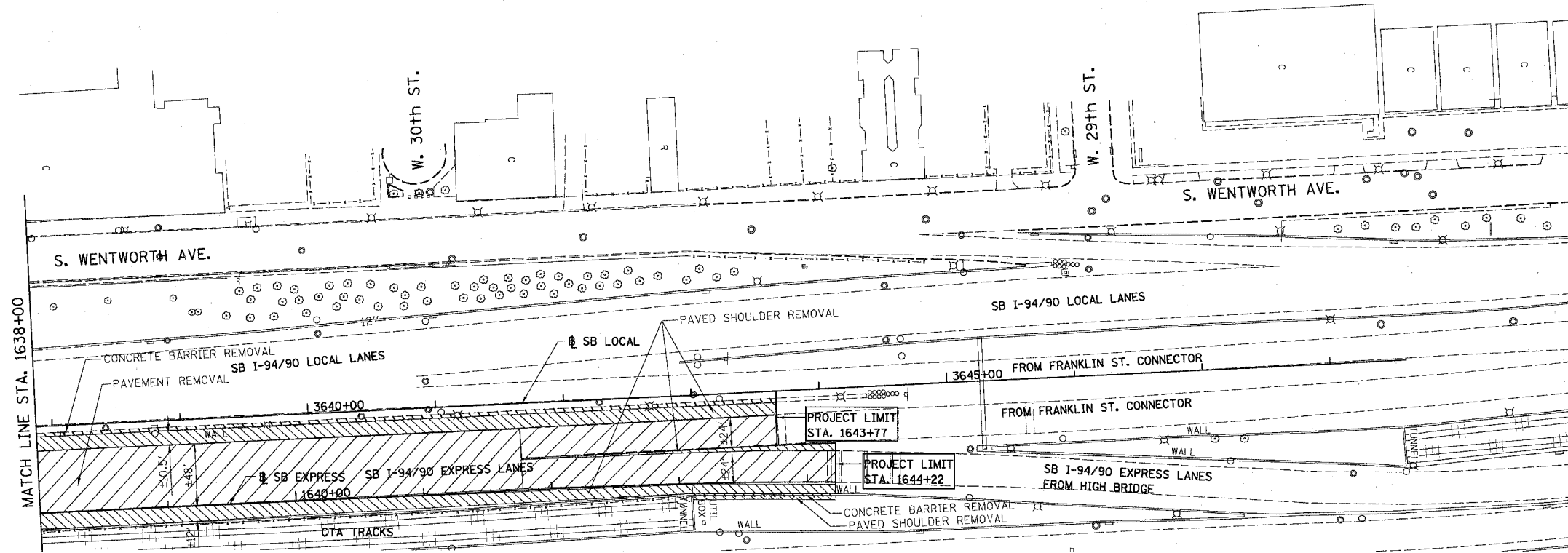
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NOTE: CTA COMBINATION CURB AND GUTTER REMOVAL NOT SHOWN FOR CLARITY.

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	70
STA. 1638+00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	*1818, ETC, 2324.6-1PR-9			

REMOVAL LEGEND

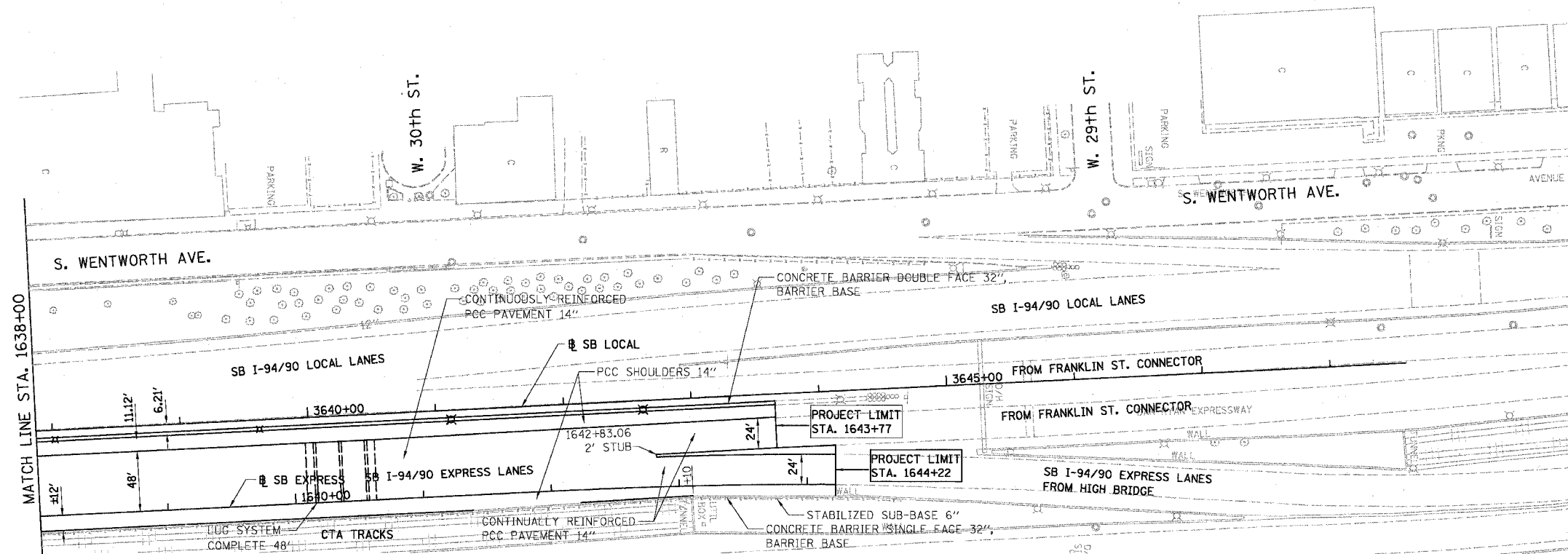
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- CONCRETE BARRIER OR GUARD RAIL REMOVAL



EXISTING CONDITIONS AND REMOVALS

PROPOSED LEGEND

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

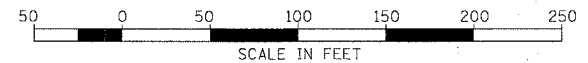


STATIONING
 +###.## STATION PROVIDED FROM THE I-94/90 EXPRESS LANES
 (###.##) STATION PROVIDED FROM THE I-94/90 LOCAL LANES
 [+###.##] STATION PROVIDED FROM THE SLIP RAMP

PROPOSED CONDITIONS RDY-21

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PLAN
 SOUTHBOUND STA. 1638+00 TO STA.
 SCALE: 1"=50'
 DATE: 07/07/05
 DRAWN BY: TER
 CHECKED BY: JDC

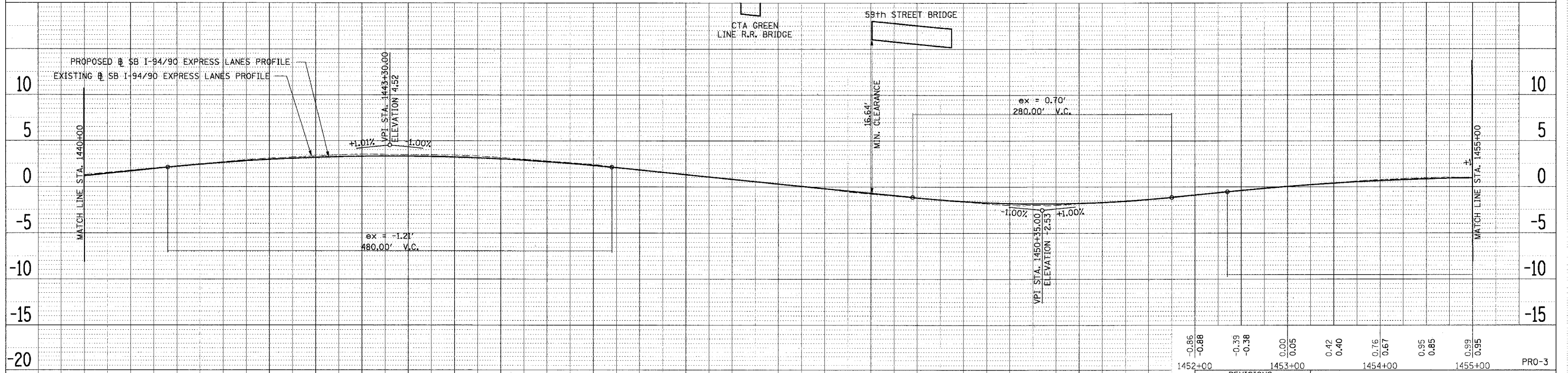
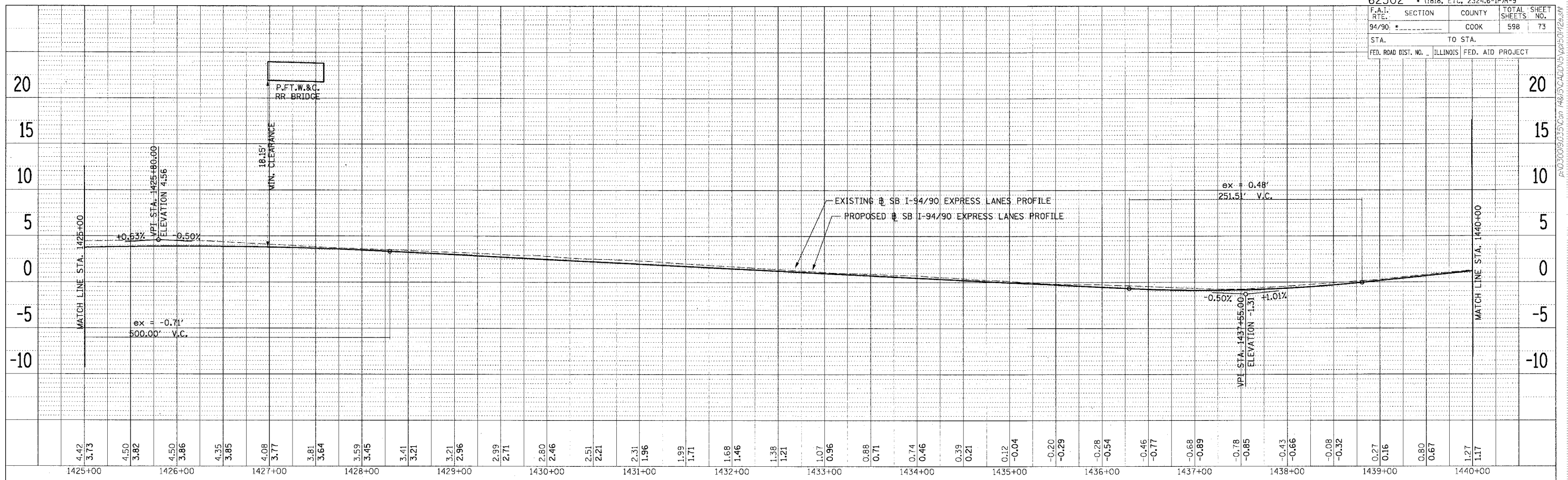


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 BY: _____
 SURVEYED: _____
 PLAN: _____
 NOTE BOOK: _____
 NO.: _____
 CAD FILE NAME: _____

DATE: _____
 BY: _____
 SURVEYED: _____
 PLAN: _____
 NOTE BOOK: _____
 NO.: _____
 CAD FILE NAME: _____



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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
 EXISTING AND PROPOSED PROFILES
 SOUTHBOUND STA. 1425+00 TO STA. 1455+00

REVISIONS
 NAME DATE

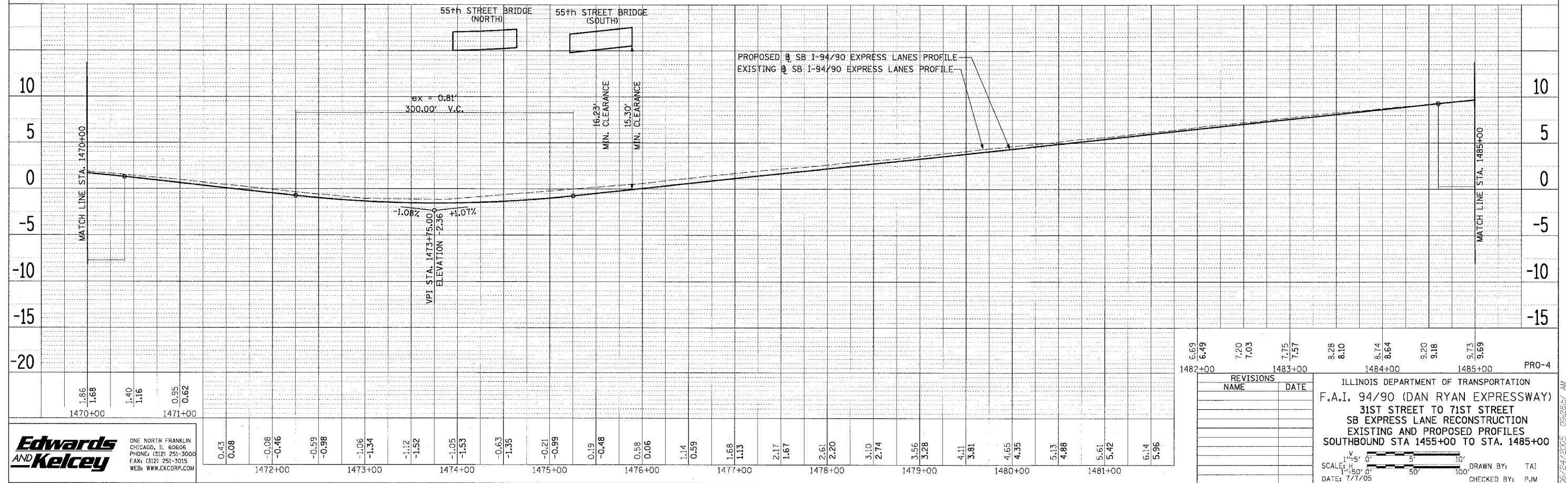
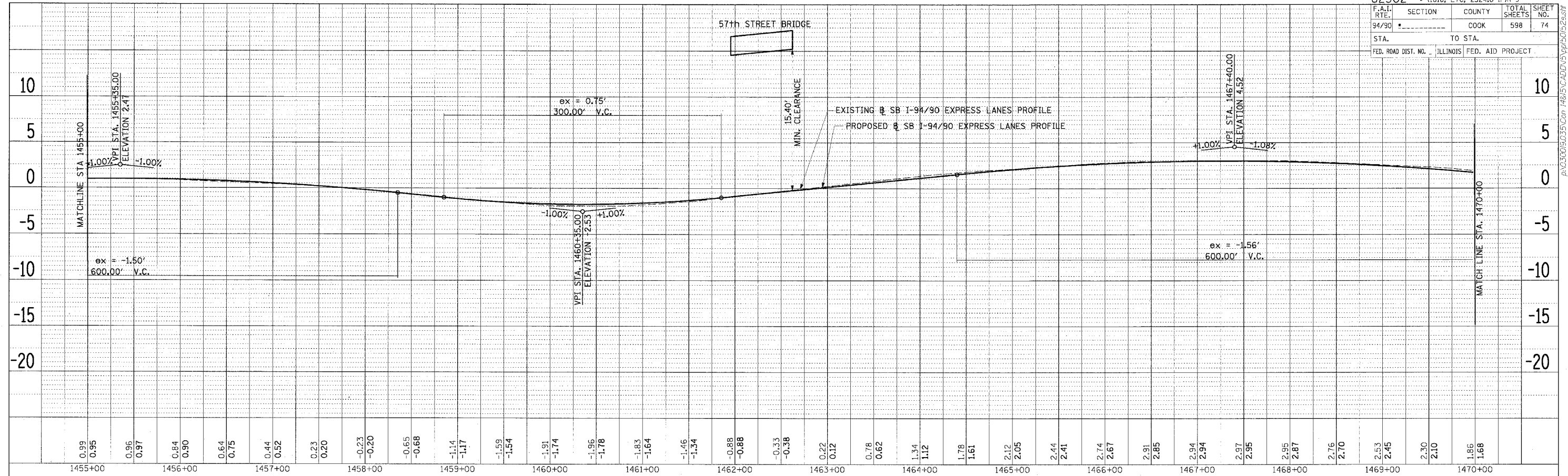
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 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: PJM

PRO-3

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	74
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN	REVISIONS	DATE
NO. 1	BY	
NO. 2	BY	
NO. 3	BY	
NO. 4	BY	
NO. 5	BY	

PLAN	REVISIONS	DATE
NO. 1	BY	
NO. 2	BY	
NO. 3	BY	
NO. 4	BY	
NO. 5	BY	

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0.43	0.08	-0.08	-0.46	-0.59	-0.98	-1.06	-1.34	-1.12	-1.52	-1.05	-1.53	-0.63	-1.35	-0.21	-0.99	0.19	-0.48	0.58	0.06	1.14	0.59	1.68	1.13	2.17	1.67	2.61	2.20	3.10	2.74	3.56	3.28	4.11	3.81	4.65	4.35	5.13	4.88	5.61	5.42	6.14	5.96		
1472+00	1473+00	1474+00	1475+00	1476+00	1477+00	1478+00	1479+00	1480+00	1481+00	1482+00	1483+00	1484+00	1485+00	1486+00	1487+00	1488+00	1489+00	1490+00	1491+00	1492+00	1493+00	1494+00	1495+00	1496+00	1497+00	1498+00	1499+00	1500+00	1501+00	1502+00	1503+00	1504+00	1505+00	1506+00	1507+00	1508+00	1509+00	1510+00	1511+00	1512+00	1513+00	1514+00	1515+00

6.69	6.49	7.20	7.03	7.75	7.57	8.28	8.10	8.74	8.64	9.20	9.18	9.73	9.69
1482+00	1483+00	1484+00	1485+00	1486+00	1487+00	1488+00	1489+00	1490+00	1491+00	1492+00	1493+00	1494+00	1495+00
REVISIONS		DATE											
NAME		DATE											

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

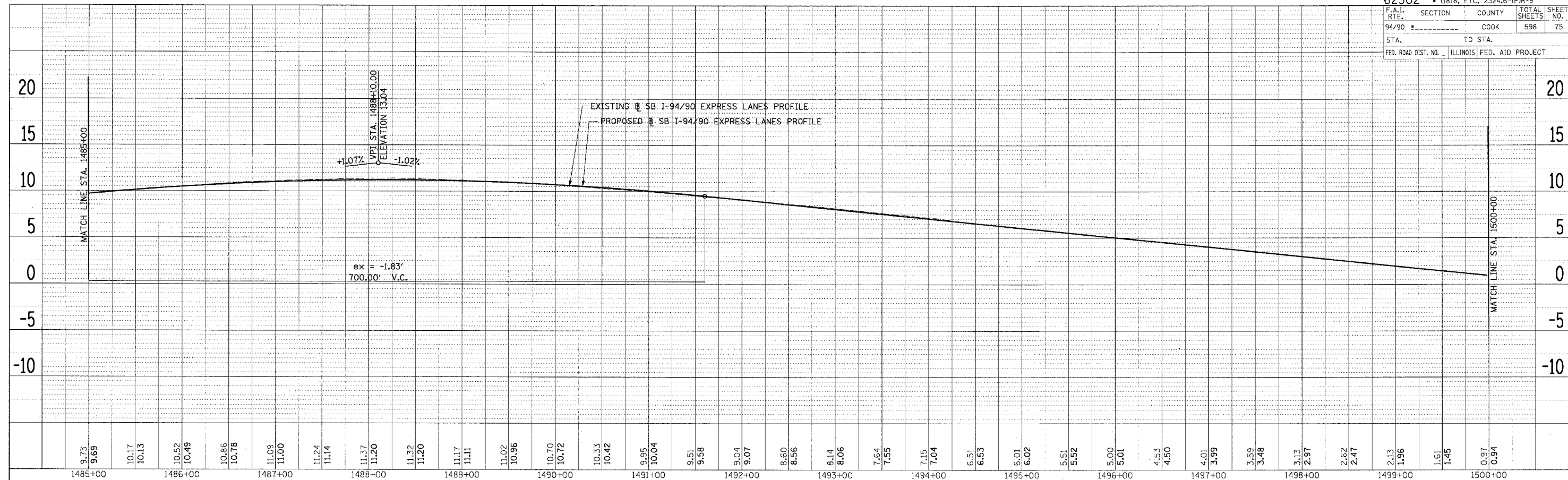
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 DATE: 7/7/05

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 CHECKED BY: PJM

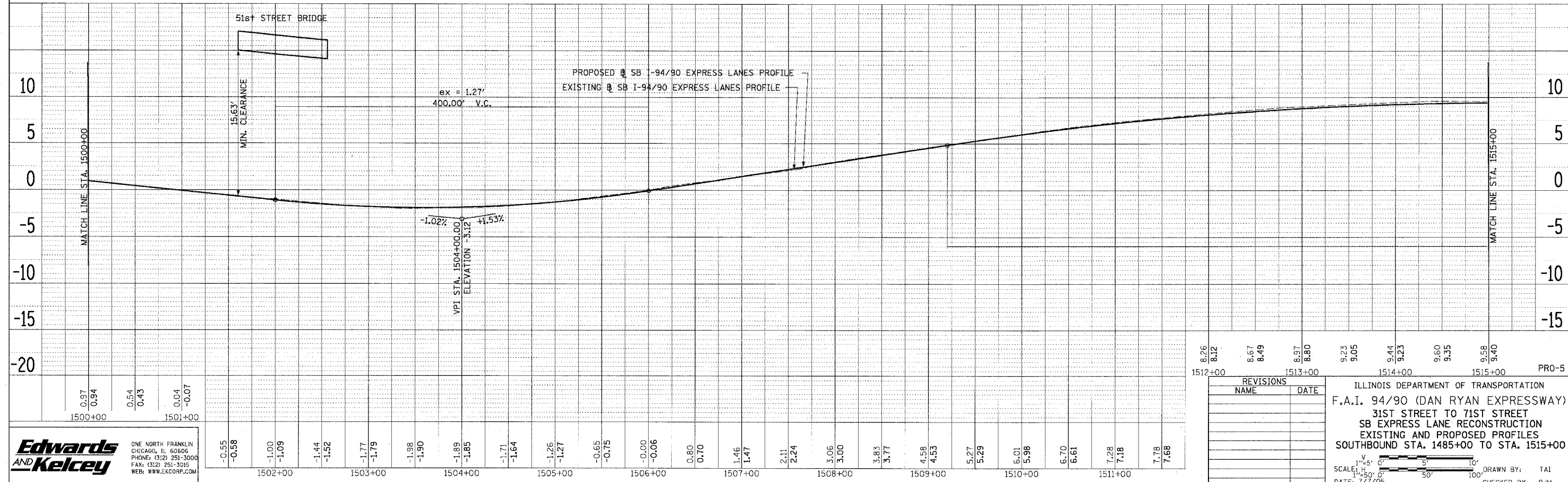
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F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK	598	75
STA. TO STA.		ILLINOIS FED. AID PROJECT	

PLAN	REVISED	DATE
NO.	BY	



PLAN	REVISED	DATE
NO.	BY	



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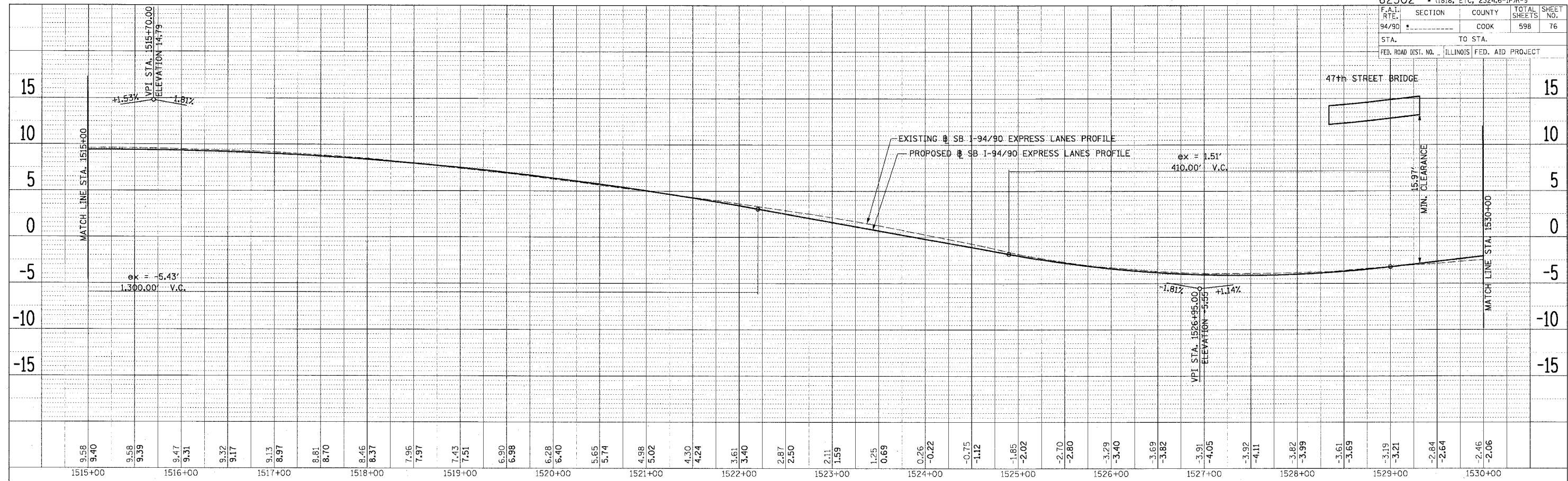
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1513+00														
1514+00														
1515+00														

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

SCALE: H 1"=50' 0", V 1"=50' 0'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	76
STA.	TO STA.		FED. ROAD DIST. NO.	
			ILLINOIS FED. AID PROJECT	



PLAN SUBMITTED BY DATE
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 NOTE BOOK NO. FILE NAME

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 NOTE BOOK NO. FILE NAME

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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
 EXISTING AND PROPOSED PROFILES
 SOUTHBOUND STA. 1515+00 TO STA. 1530+00

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

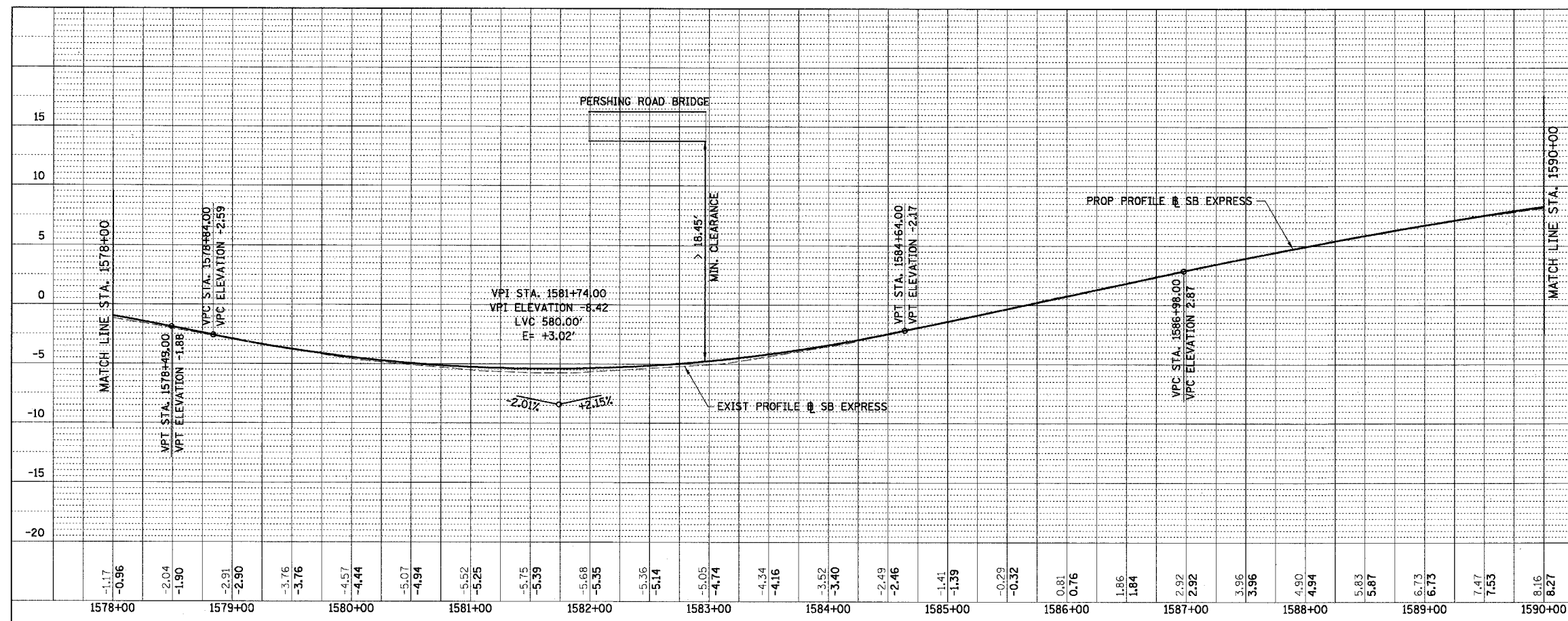
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PRO-6

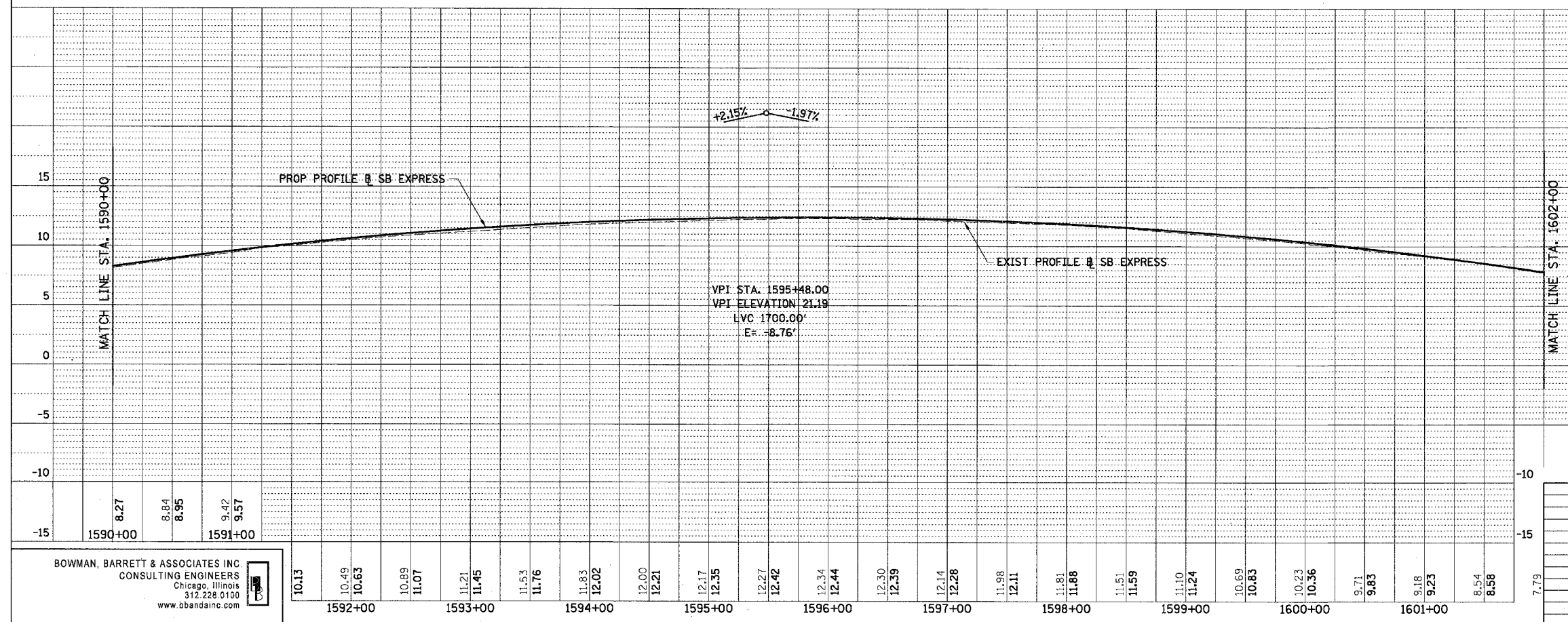
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	79
STA. 1578+00		TO STA. 1602+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNED		
	CHECKED		
	DATE FILED		



PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNED		
	CHECKED		
	DATE FILED		



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NAME	

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

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

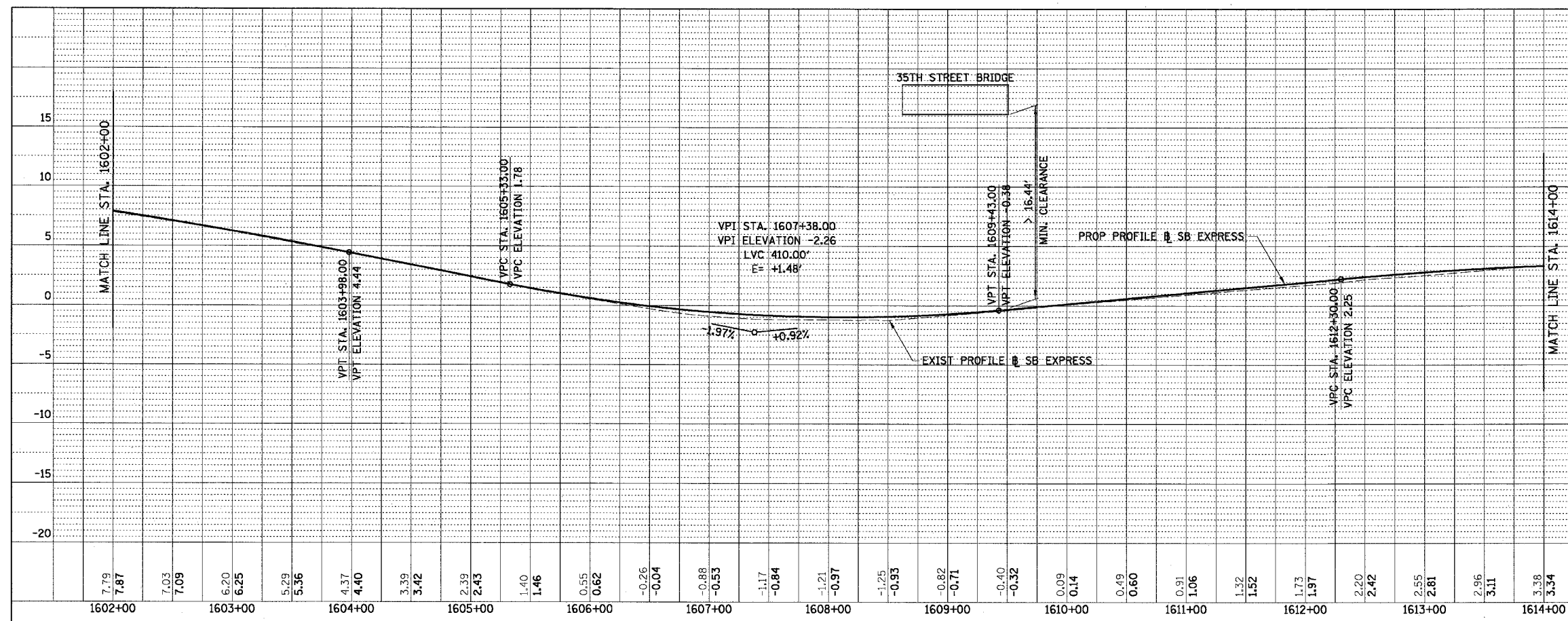
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CHECKED BY: KR

PRO-9

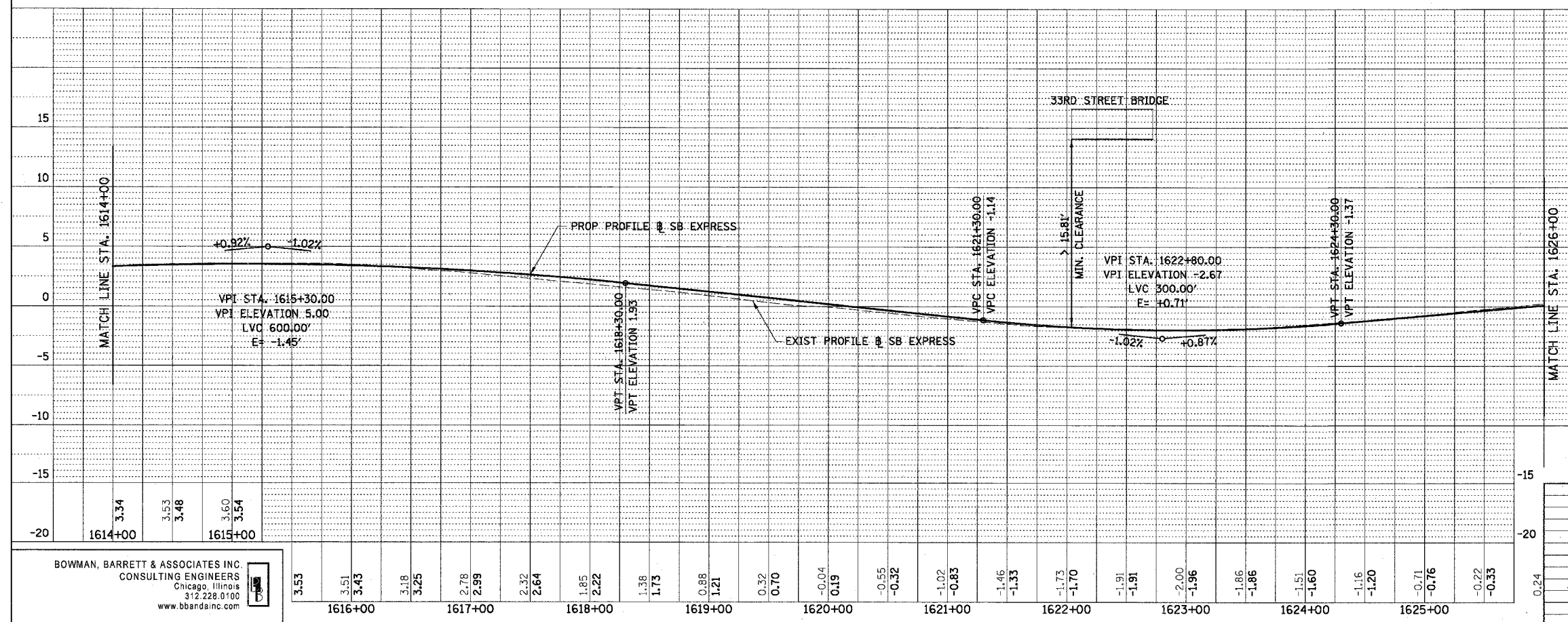
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	80
STA. 1602+00		TO STA. 1626+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN	REVISIONS	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
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	DATE FILED	
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PLAN	REVISIONS	DATE
NOTE BOOK NO.	PLOTTED	
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	AS SHOWN	
	DATE FILED	
	FILE NAME	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 EXISTING AND PROPOSED PROFILE
 SOUTHBOUND STA. 1602+00 TO STA. 1626+00
 SCALE: 1"=25' VERT
 1"=50' HORIZ
 DATE: 07/07/05
 DRAWN BY: RA
 CHECKED BY: KR

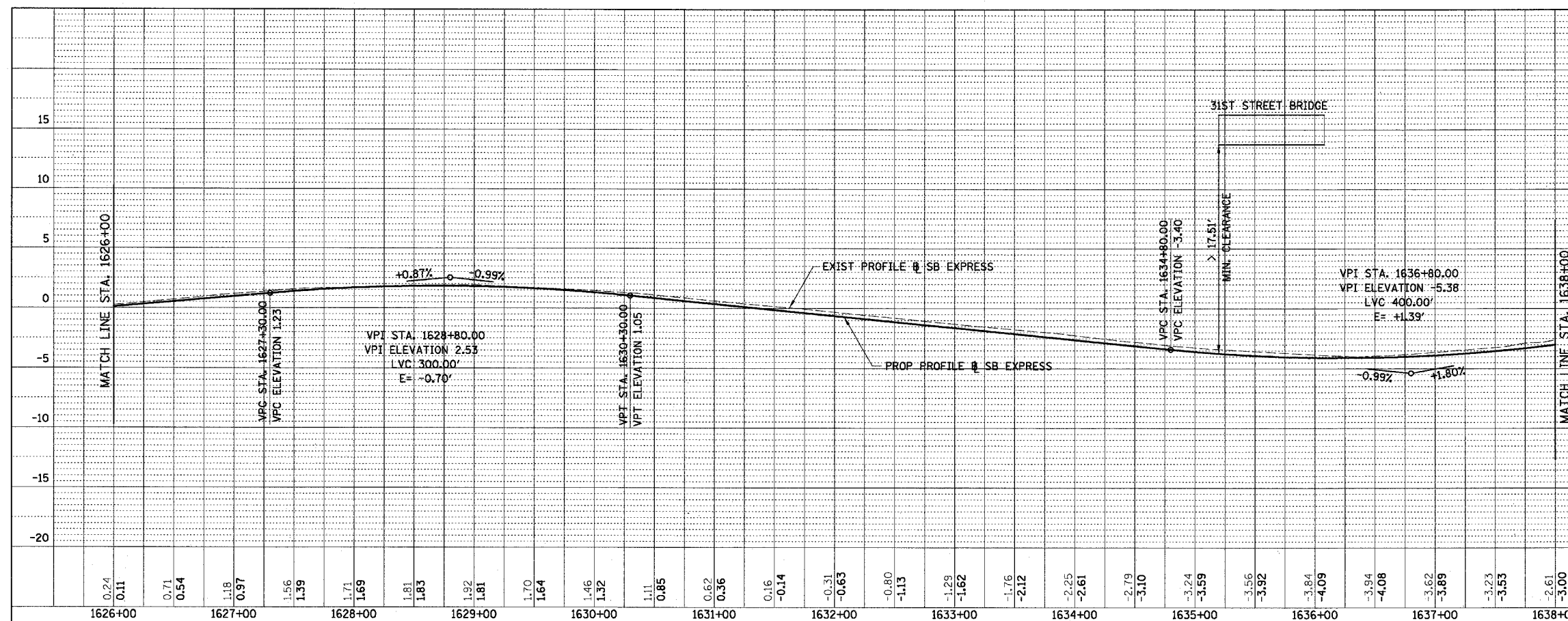
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PRO-10

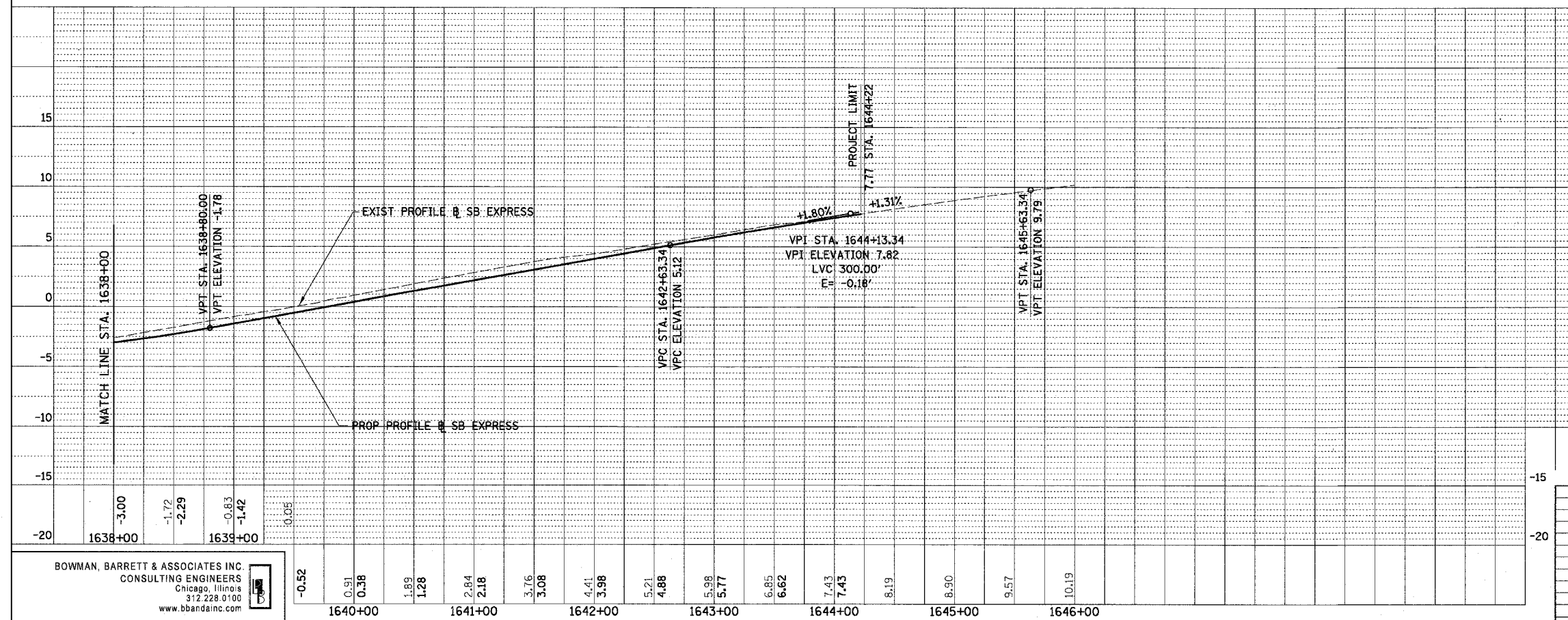
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	81
STA. 1626+00		TO STA.		-
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PLAN	REVISIONS	DATE
NO. _____	NO. _____	_____
BY _____	BY _____	BY _____
DATE _____	DATE _____	DATE _____



PLAN	REVISIONS	DATE
NO. _____	NO. _____	_____
BY _____	BY _____	BY _____
DATE _____	DATE _____	DATE _____



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REVISIONS	DATE

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

SCALE: 1"=25' VERT
1"=50' HORIZ
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: KR

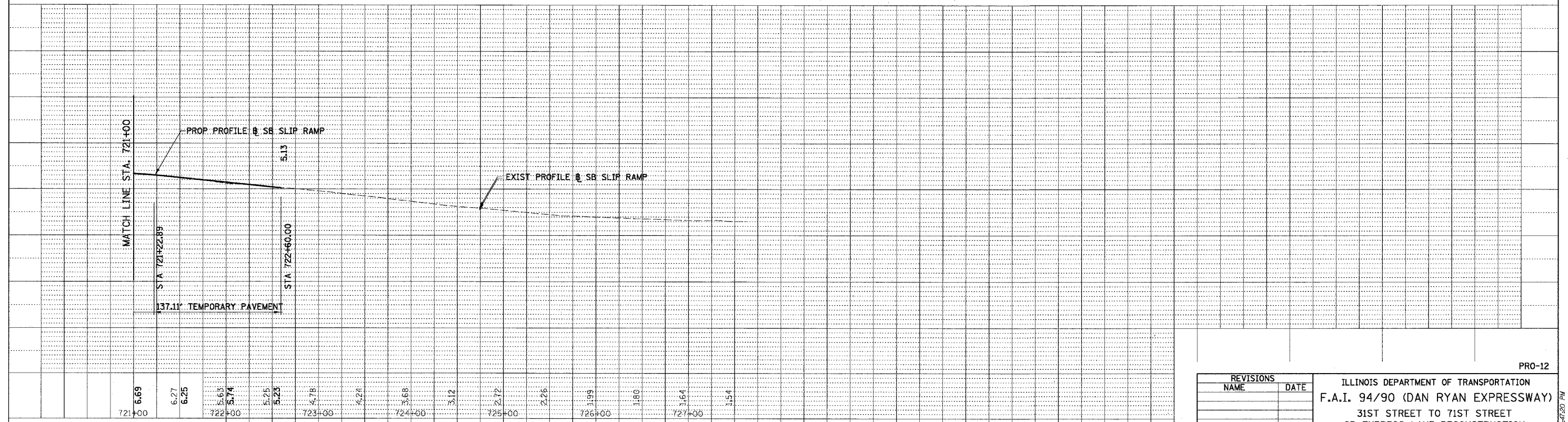
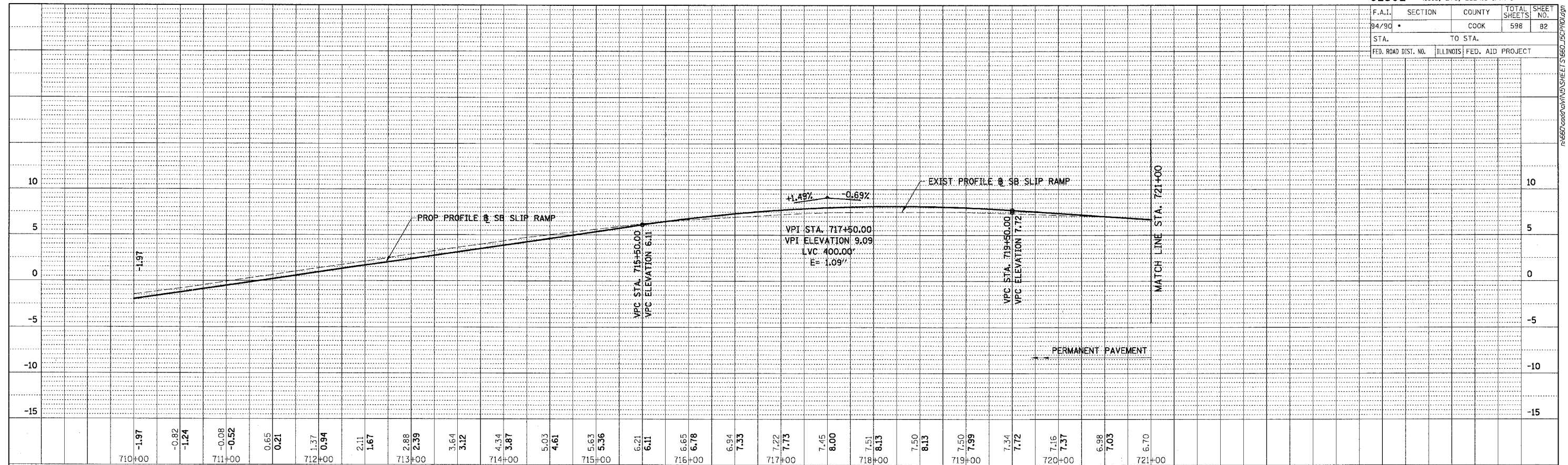
PRO-11

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6/24/2005

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	82
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

PLAN	REVISIONS	DATE
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NO.	NO.	
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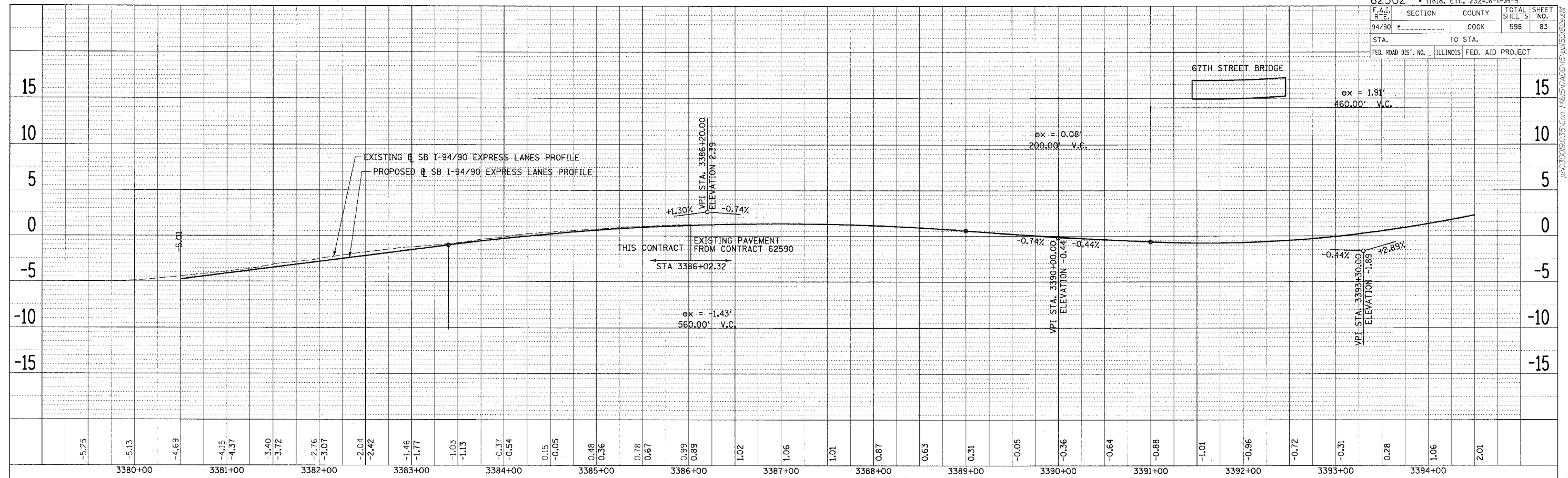


REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
EXISTING AND PROPOSED PROFILE
SB SLIP RAMP FROM EXPRESS TO LOCAL LANES
SCALE: 1"=25' VERT
1"=50' HORIZ
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: KR

PRO-12

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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
 EXISTING AND PROPOSED PROFILES
 SOUTHBOUND STA. 3379+50 TO STA. 3394+50

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

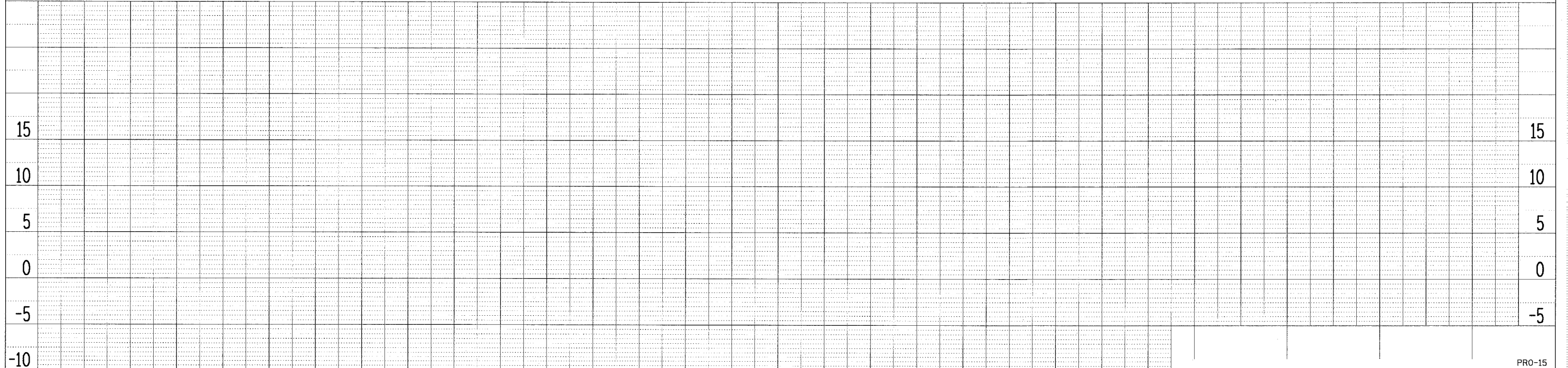
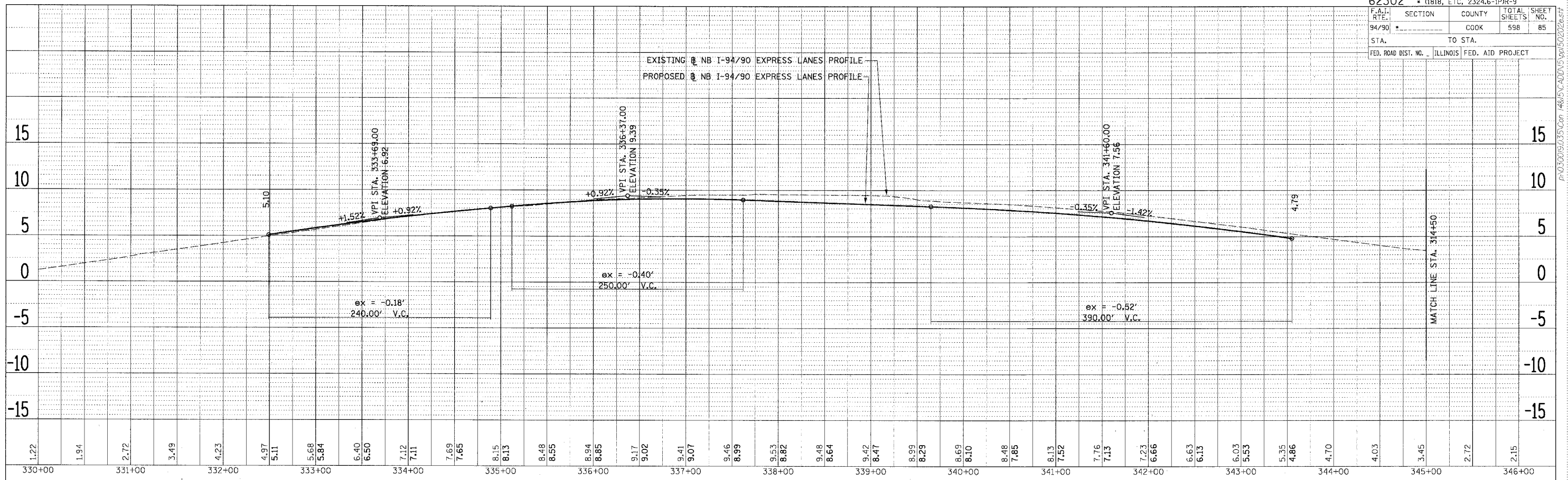
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62302 • (1818, ETC, 2324.6-1)PR-9				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	85
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	DATE
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PLAN	DATE
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DATE	



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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
 EXISTING AND PROPOSED PROFILES
 SOUTHBOUND SLIP RAMP B

SCALE: 1"=25' (H), 1"=50' (V)
 DATE: 7/7/05

DRAWN BY: TAI
 CHECKED BY: PJM

PRO-15

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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

MOT-01

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

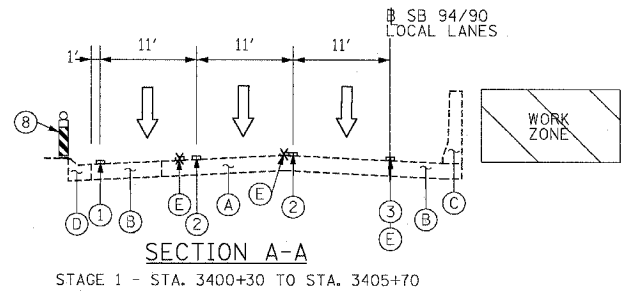
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC
 GENERAL NOTES

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

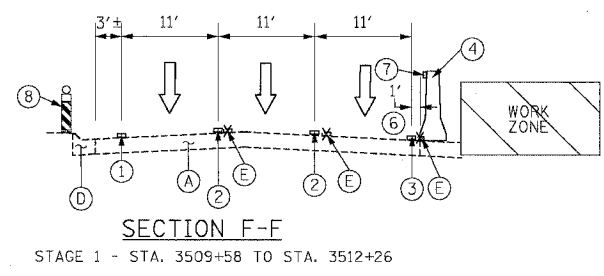


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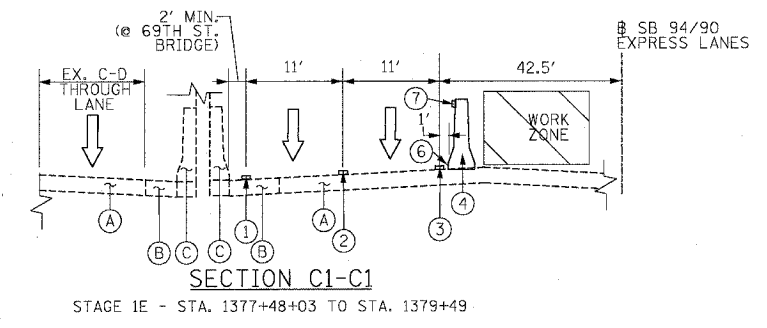
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94/90		COOK	598	87
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	1818, ETC, 2324.6-1P1R-9			



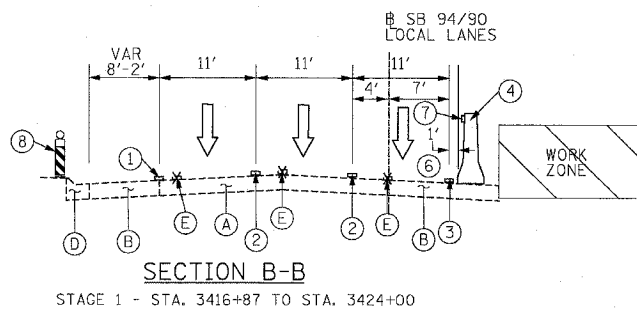
SECTION A-A
STAGE 1 - STA. 3400+30 TO STA. 3405+70



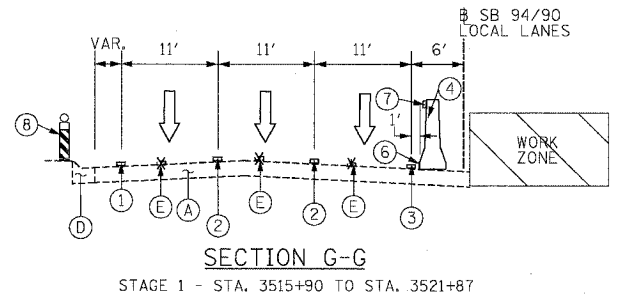
SECTION F-F
STAGE 1 - STA. 3509+58 TO STA. 3512+26



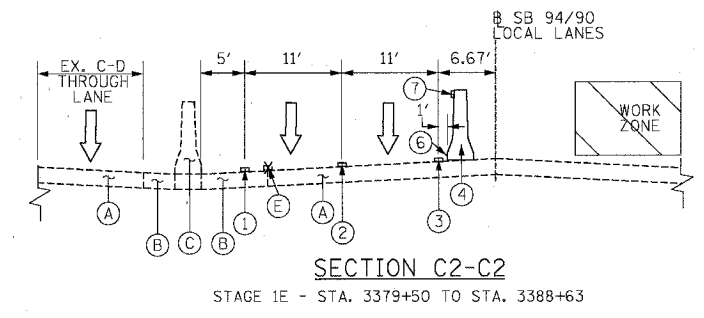
SECTION C1-C1
STAGE 1E - STA. 1377+48+03 TO STA. 1379+49



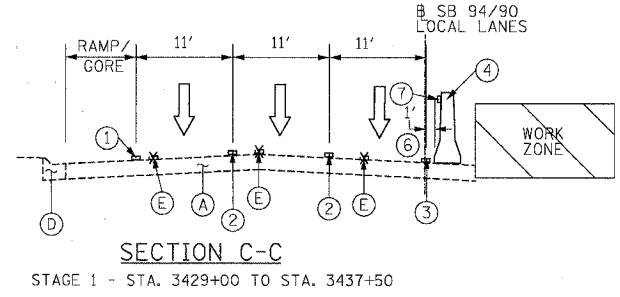
SECTION B-B
STAGE 1 - STA. 3416+87 TO STA. 3424+00



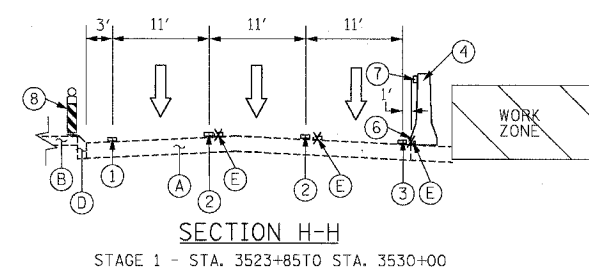
SECTION G-G
STAGE 1 - STA. 3515+90 TO STA. 3521+87



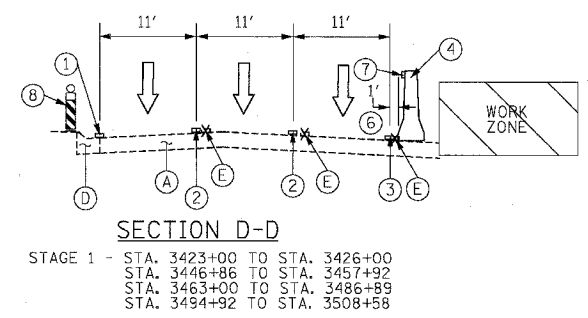
SECTION C2-C2
STAGE 1E - STA. 3379+50 TO STA. 3388+63



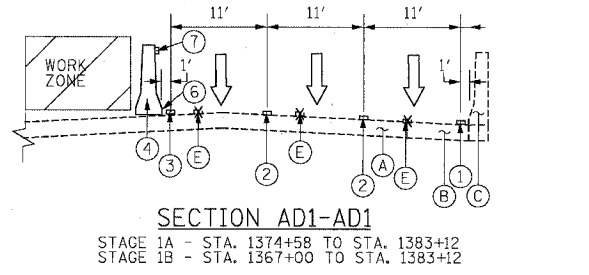
SECTION C-C
STAGE 1 - STA. 3429+00 TO STA. 3437+50



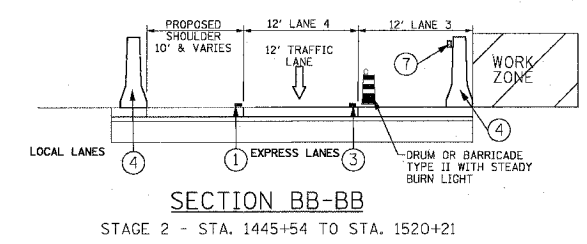
SECTION H-H
STAGE 1 - STA. 3523+85 TO STA. 3530+00



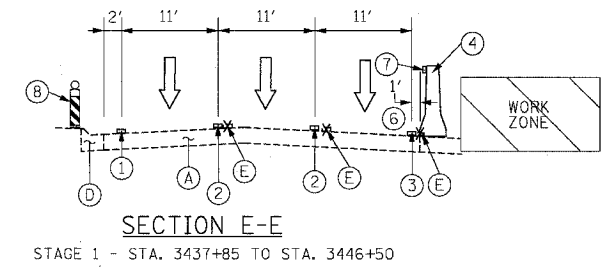
SECTION D-D
STAGE 1 - STA. 3423+00 TO STA. 3426+00
STA. 3446+86 TO STA. 3457+92
STA. 3463+00 TO STA. 3486+89
STA. 3494+92 TO STA. 3508+58



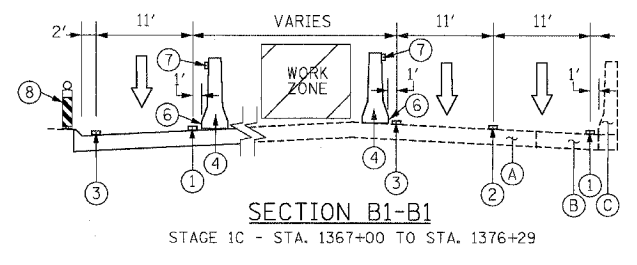
SECTION AD1-AD1
STAGE 1A - STA. 1374+58 TO STA. 1383+12
STAGE 1B - STA. 1367+00 TO STA. 1383+12



SECTION BB-BB
STAGE 2 - STA. 1445+54 TO STA. 1520+21



SECTION E-E
STAGE 1 - STA. 3437+85 TO STA. 3446+50



SECTION B1-B1
STAGE 1C - STA. 1367+00 TO STA. 1376+29

- PROPOSED LEGEND**
- ① PAVEMENT MARKING - LINE 4" (WHITE)
 - ② PAVEMENT MARKING - LINE 5" (WHITE, SKIP DASH)
 - ③ PAVEMENT MARKING - LINE 4" (YELLOW)
 - ④ TEMPORARY CONCRETE BARRIER
 - ⑤ TEMPORARY PAVEMENT
 - ⑥ TEMPORARY PAVEMENT MARKING - LINE 6"
 - ⑦ MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR
 - ⑧ VERTICAL PANEL WITH STEADY BURN LIGHT

- EXISTING LEGEND**
- (A) PAVEMENT
 - (B) SHOULDER
 - (C) BARRIER WALL
 - (D) CURB & GUTTER
 - (E) PAVEMENT MARKING

REVISIONS	
NAME	DATE

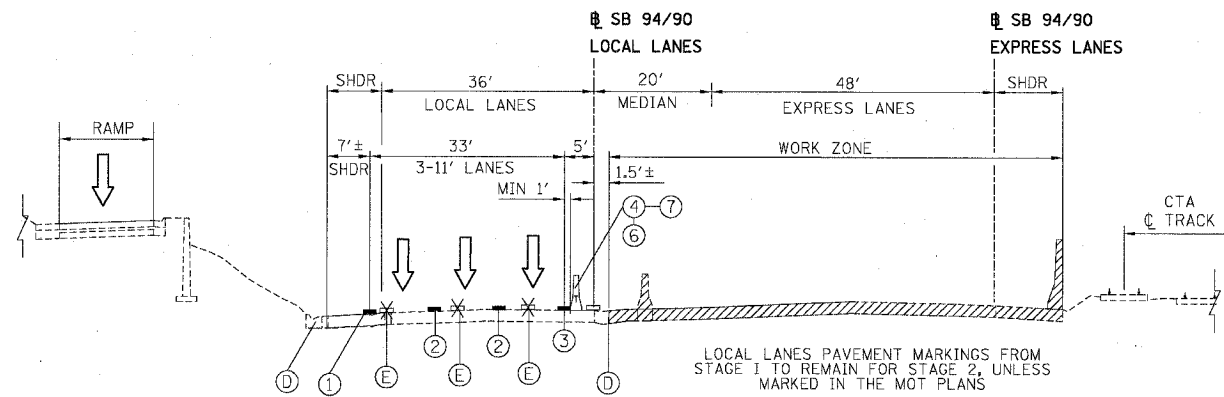
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS
 SOUTHBOUND DAN RYAN

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



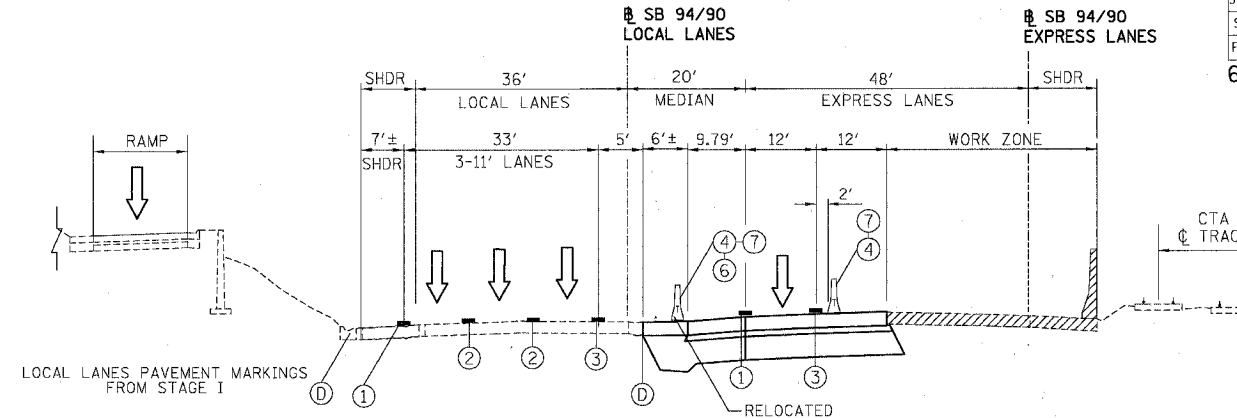
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	88
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		*1818, ETC, 2324.6-1PIR-9		



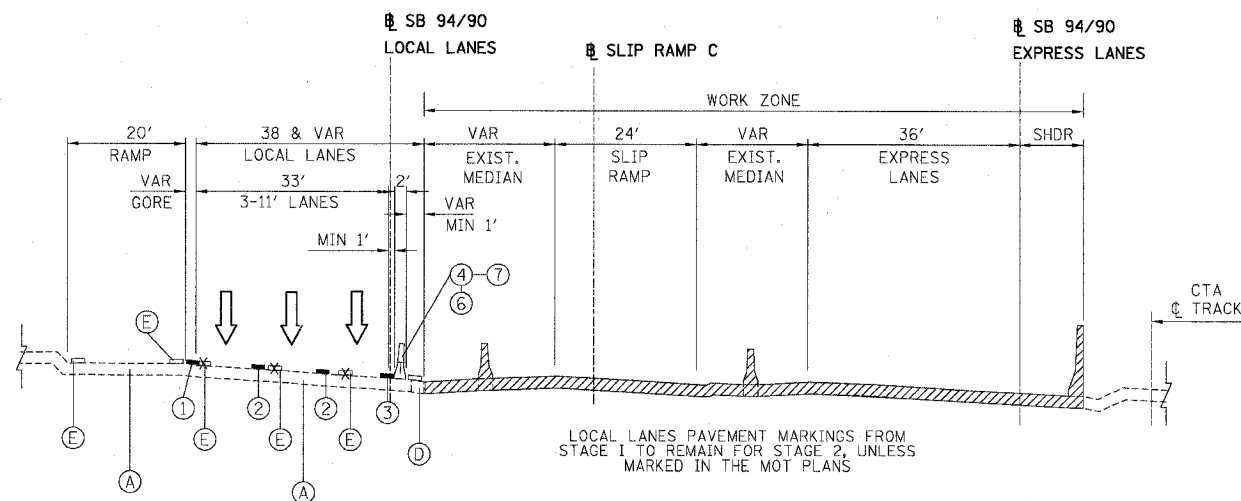
SECTION - 43RD STREET TO 31ST STREET - STAGE 1

STAGE 1 - STA 1555+00 - 1543+00



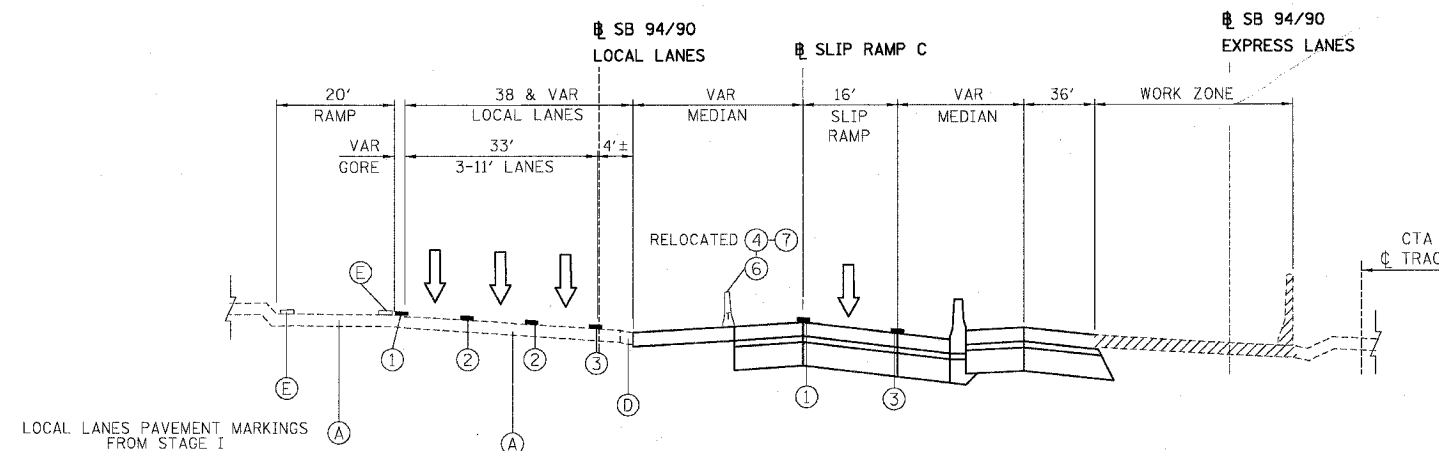
SECTION - 43RD STREET TO 31ST STREET - STAGE 2

STAGE 1 - STA 1555+00 - 1543+00



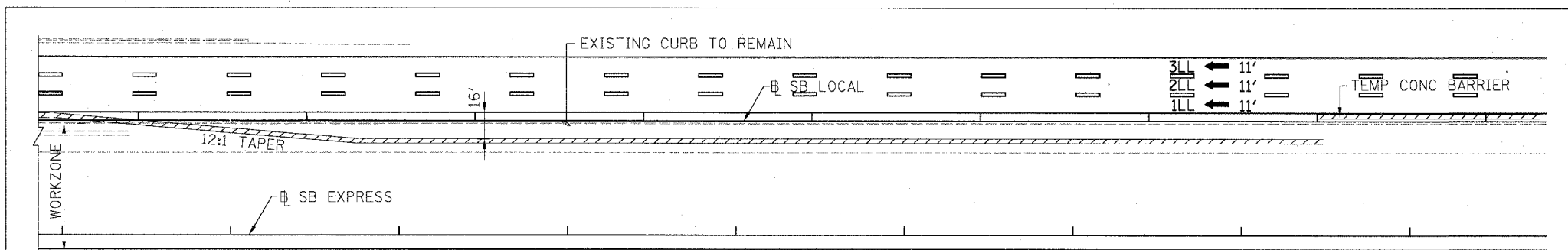
SECTION - 47TH STREET TO 43RD STREET - STAGE 1

STAGE 1 - STA 1530+00 - 1555+00



SECTION - 47TH STREET TO 43RD STREET - STAGE 2

STAGE 1 - STA 1530+00 - 1555+00



NOTES

1. ABOVE DETAIL SHOWN MINIMUM REQUIREMENTS FOR CONTRACTOR'S ACCESS TO WORK ZONE.
2. NUMBER AND LOCATION OF ACCESS POINTS TO BE DETERMINED BY CONTRACTOR.
3. CONTRACTOR'S ACCESS TO WORK ZONE WILL NOT BE PAID SEPARATELY, COST MUST BE INCLUDED IN COST OF 'FURNISH TEMPORARY CONCRETE BARRIER' AND 'TEMPORARY CONCRETE BARRIER'.

PROPOSED LEGEND

- ① PAVEMENT MARKING - LINE 4" (WHITE)
- ② PAVEMENT MARKING - LINE 5" (WHITE, SKIP DASH)
- ③ PAVEMENT MARKING - LINE 4" (YELLOW)
- ④ TEMPORARY CONCRETE BARRIER
- ⑤ TEMPORARY PAVEMENT
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 6"
- ⑦ MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR
- ⑧ VERTICAL PANEL WITH STEADY BURN LIGHT

EXISTING LEGEND

- Ⓐ PAVEMENT
- Ⓑ SHOULDER
- Ⓒ BARRIER WALL
- Ⓓ CURB & GUTTER
- Ⓔ PAVEMENT MARKING

CONTRACTOR'S ACCESS TO WORK ZONE DETAIL - NOT TO SCALE

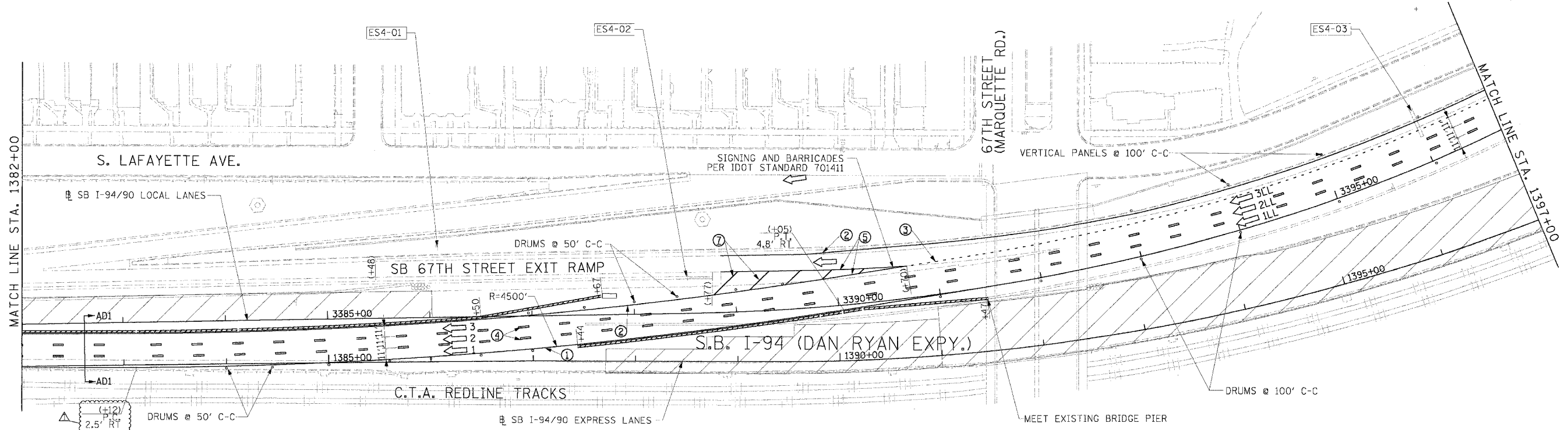
BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com

REVISIONS	
NAME	DATE

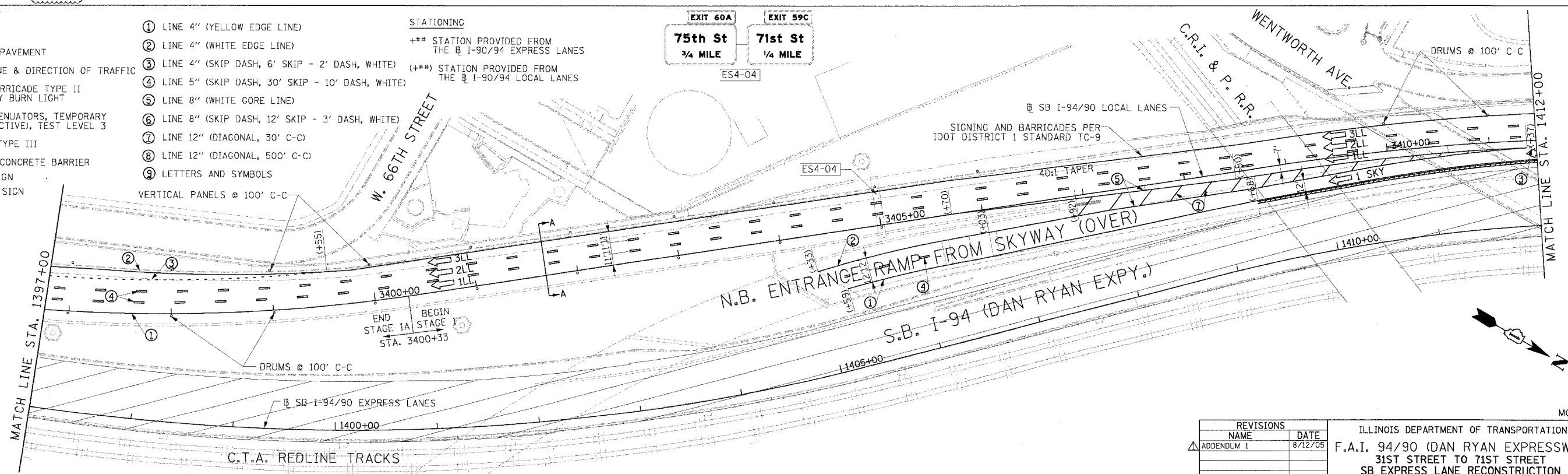
MOT-03
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTION
SCALE: =NTS
DATE: 07/07/05
DRAWN BY: RA
CHECKED BY: RS

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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	• (818, ETC, 2324.6-1PIR-9			



- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - 1 TRAFFIC LANE & DIRECTION OF TRAFFIC
 - DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - BARRICADE TYPE III
 - TEMPORARY CONCRETE BARRIER
 - ESx-xx EXISTING SIGN
 - TSx-xx TEMPORARY SIGN
- 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
- VERTICAL PANELS @ 100' C-C



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

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

REVISIONS		
NAME	DATE	
ADDENDUM 1	8/12/05	

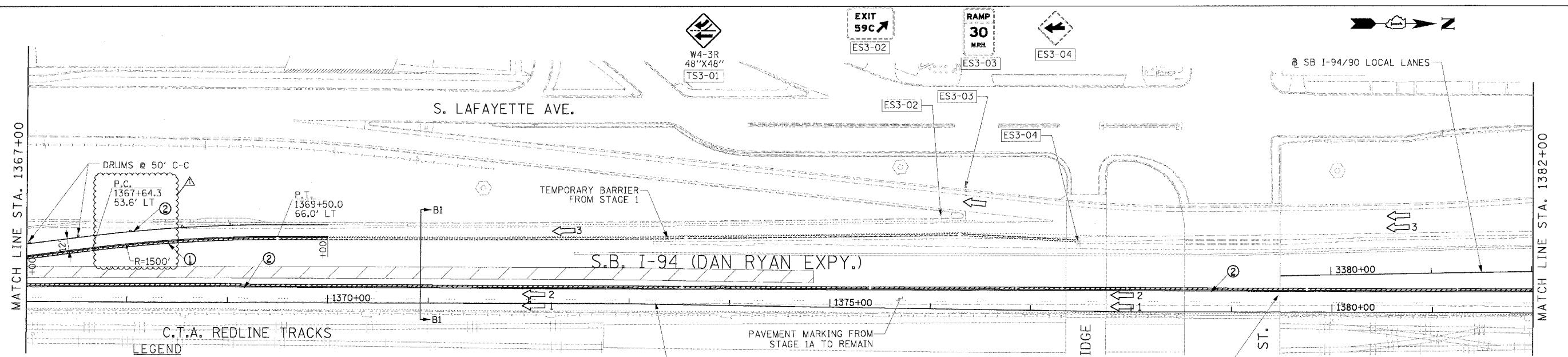
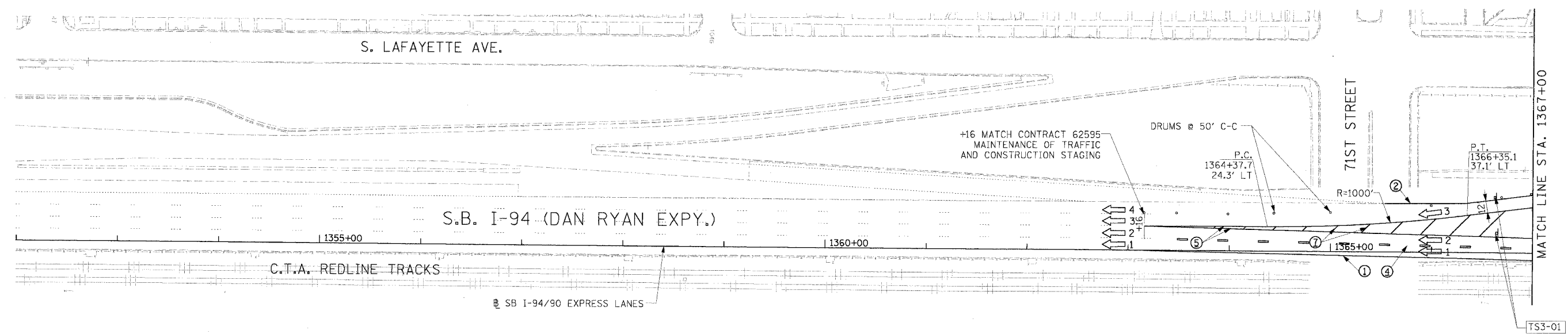
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1382+00 TO STA. 1412+00
 STAGE 1A

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

DRAWN BY: TAI
 CHECKED BY: PJM

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



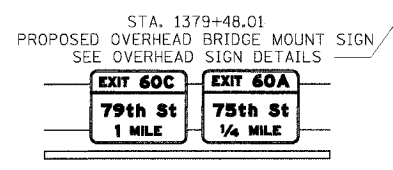
LEGEND

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

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

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



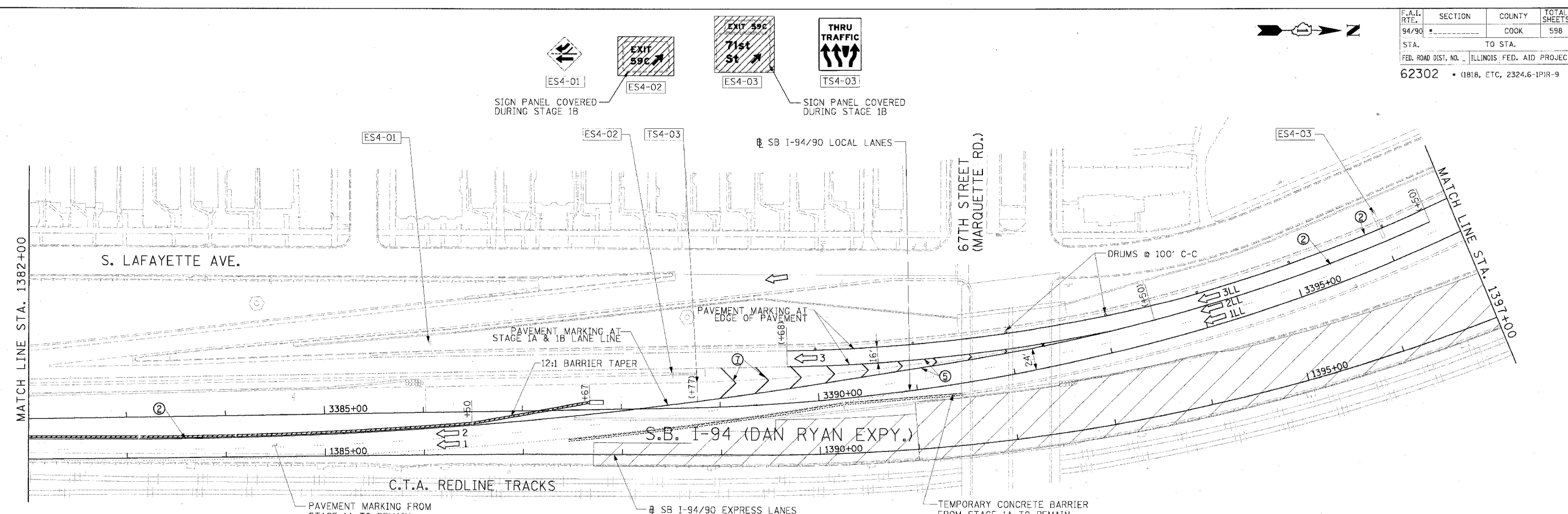
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

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

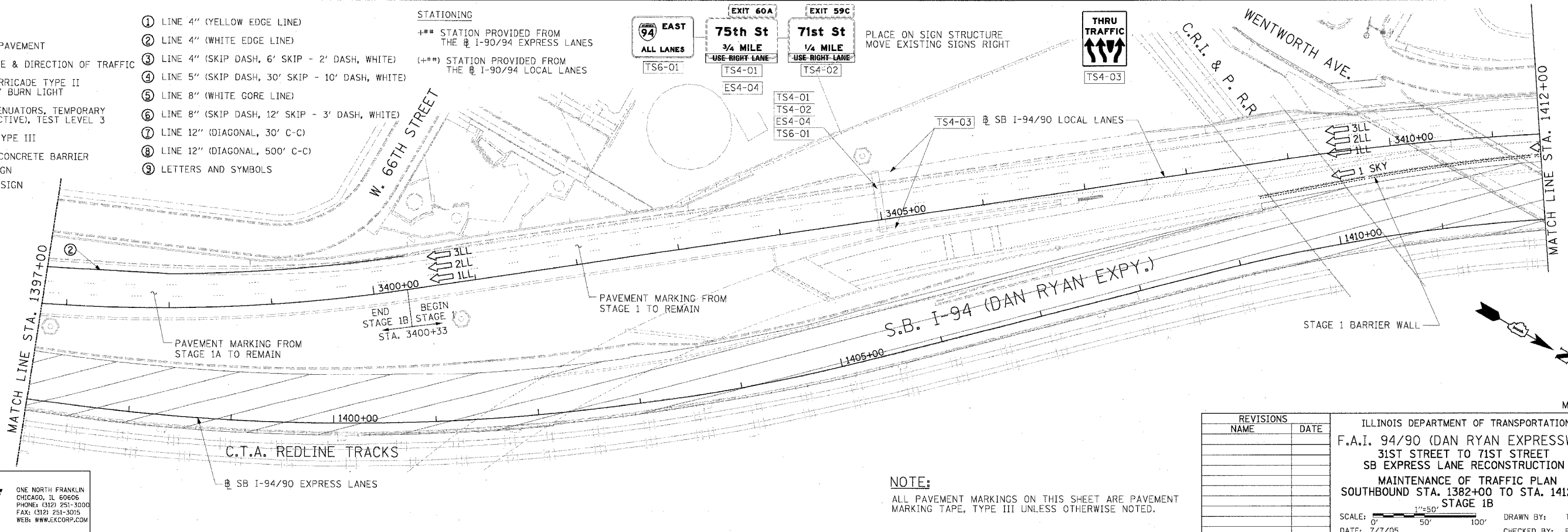
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 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	92
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62302	1818, 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
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - BARRICADE TYPE III
 - TEMPORARY CONCRETE BARRIER
 - EXISTING SIGN
 - TEMPORARY SIGN
- STATIONING**
- +** STATION PROVIDED FROM THE SB I-90/94 EXPRESS LANES
 - (+**) STATION PROVIDED FROM THE SB I-90/94 LOCAL LANES
- 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



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

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

REVISIONS	
NAME	DATE

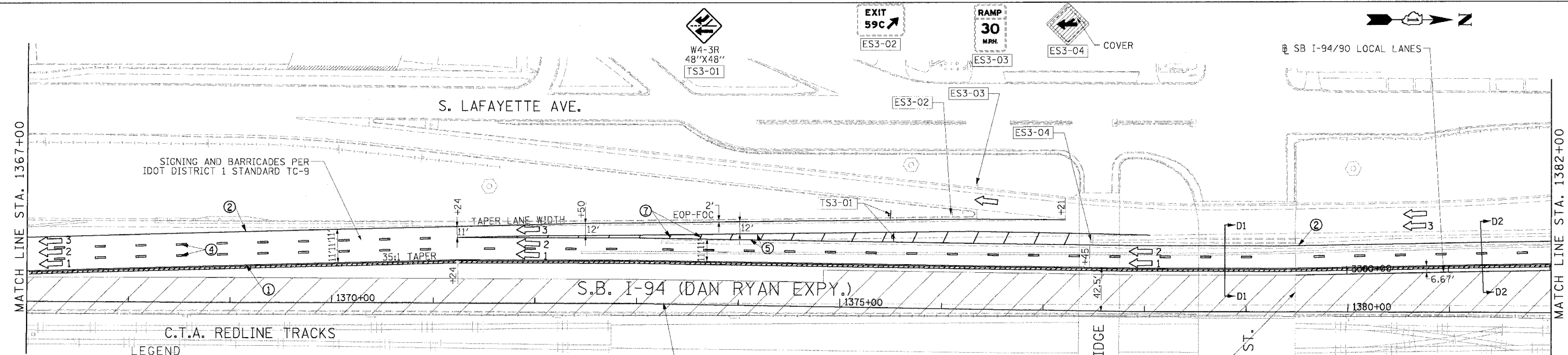
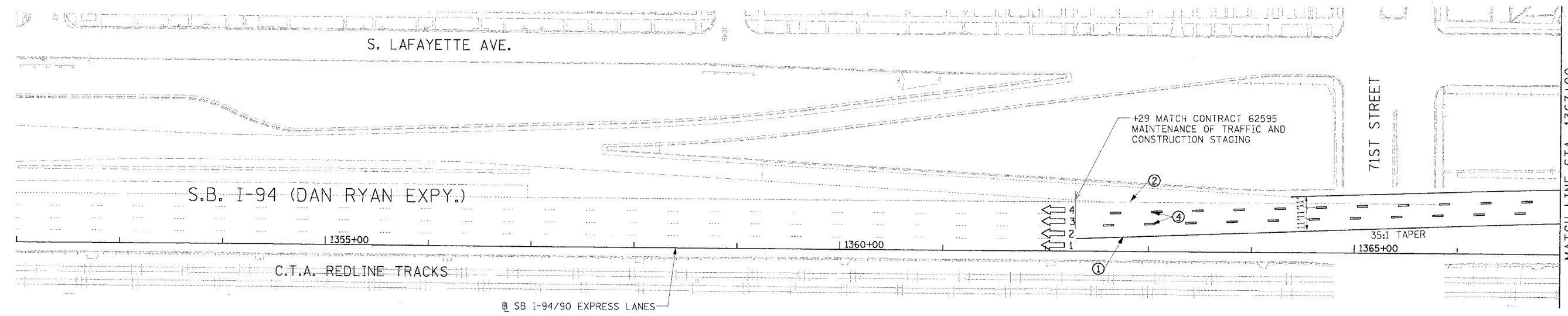
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1382+00 TO STA. 1412+00
 STAGE 1B

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

DRAWN BY: TAI
 CHECKED BY: PJM

MOT-07
 06/24/2005 09:37:19 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	93
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302	• (1818, ETC, 2324.6-1)PR-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

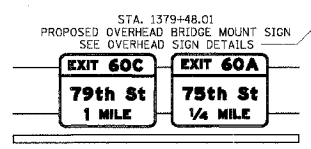
- ① LINE 4" (YELLOW EDGE LINE)
- ② LINE 4" (WHITE EDGE LINE)
- ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
- ④ LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
- ⑤ LINE 8" (WHITE GORE LINE)
- ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
- ⑦ LINE 12" (DIAGONAL, 30' C-C)
- ⑧ LINE 12" (DIAGONAL,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

STATIONING

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

NOTE:

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



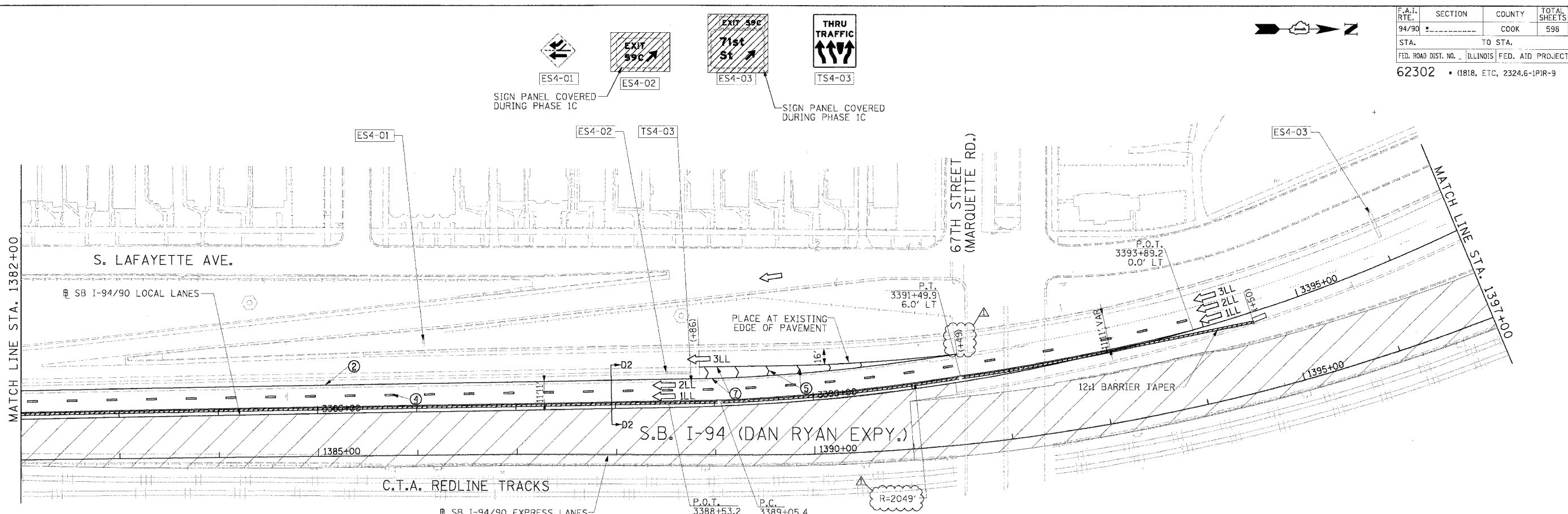
REVISIONS	
NAME	DATE
ADDENDUM 2	9/16/05

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 1C
 SCALE: 1"=50'
 DATE: 7/1/05
 DRAWN BY: TAI
 CHECKED BY: PJM

Edwards and Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
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P:\0300\94050\94050.dwg 148/15/05/ADJ/5/10/15/05/05.dwg

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			

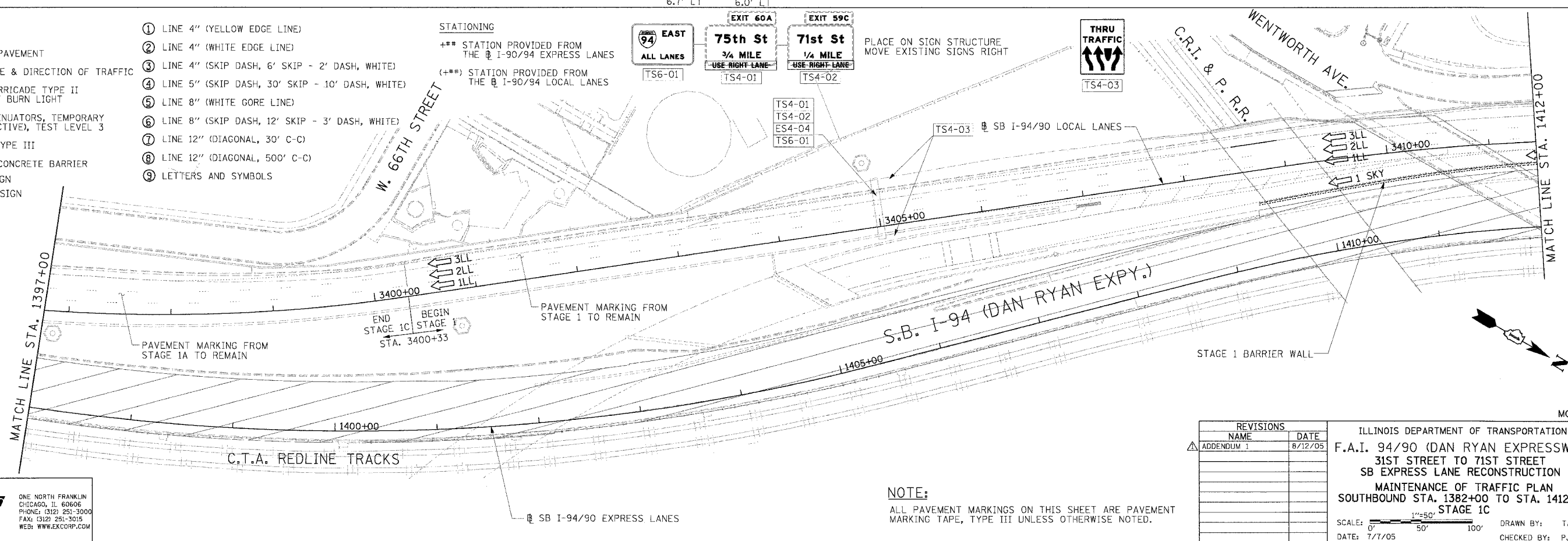


LEGEND

- 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

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

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



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NOTE:
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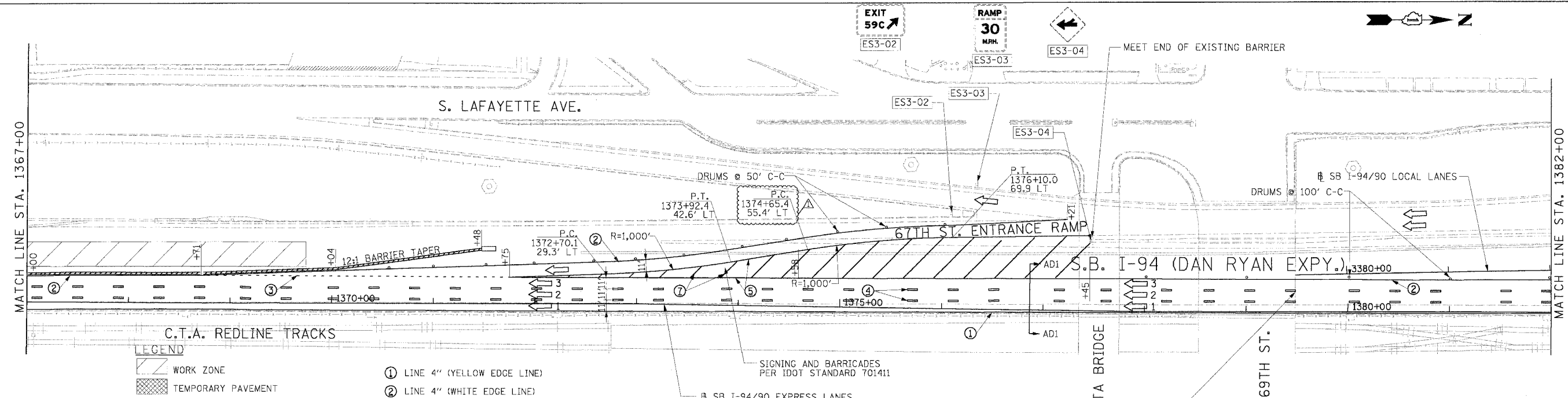
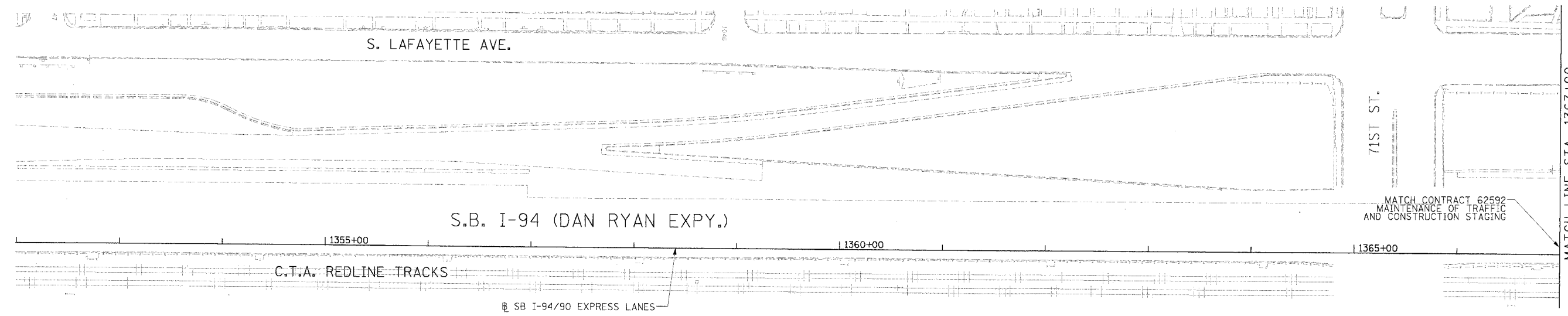
REVISIONS	
NAME	DATE
ADDENDUM 1	6/12/05

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. 1382+00 TO STA. 1412+00
 STAGE 1C
 SCALE: 1"=50'
 DATE: 7/1/05
 DRAWN BY: TAI
 CHECKED BY: PJM

MOT-09

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



LEGEND

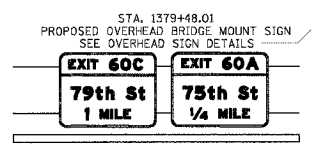
- WORK ZONE
- TEMPORARY PAVEMENT
- TRAFFIC LANE & DIRECTION OF TRAFFIC
- DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- BARRICADE TYPE III
- TEMPORARY CONCRETE BARRIER
- EXISTING SIGN
- TEMPORARY SIGN
- ① LINE 4" (YELLOW EDGE LINE)
-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

STATIONING

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

NOTE:

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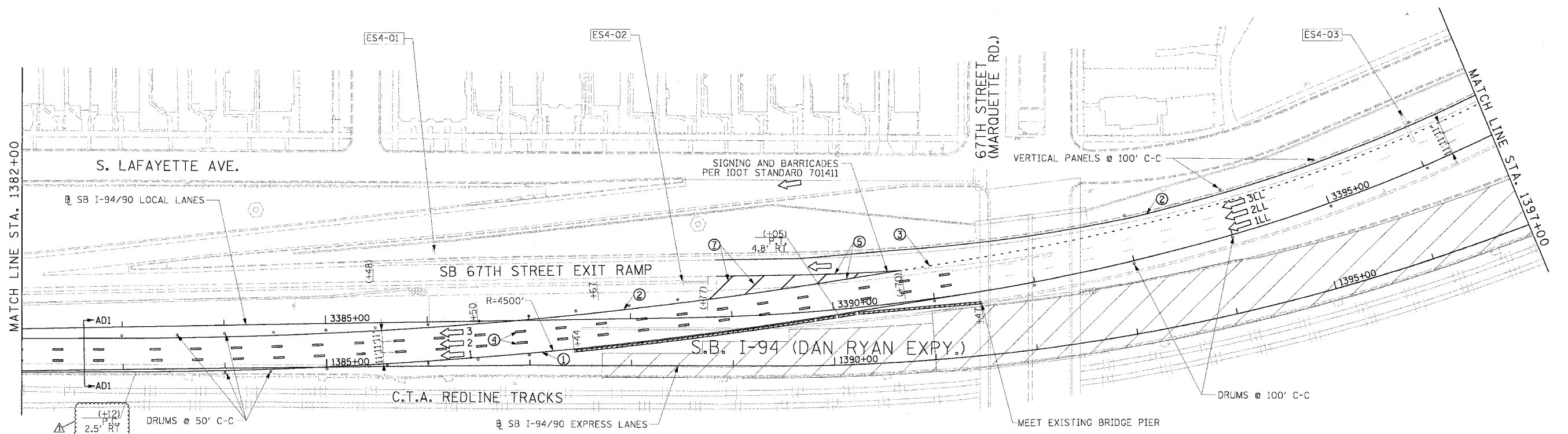
REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05
ADDENDUM 2	9/16/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1352+00 TO STA. 1382+00
 STAGE 1D
 SCALE: 1"=50'
 DATE: 7/1/05
 DRAWN BY: TAI
 CHECKED BY: PJM

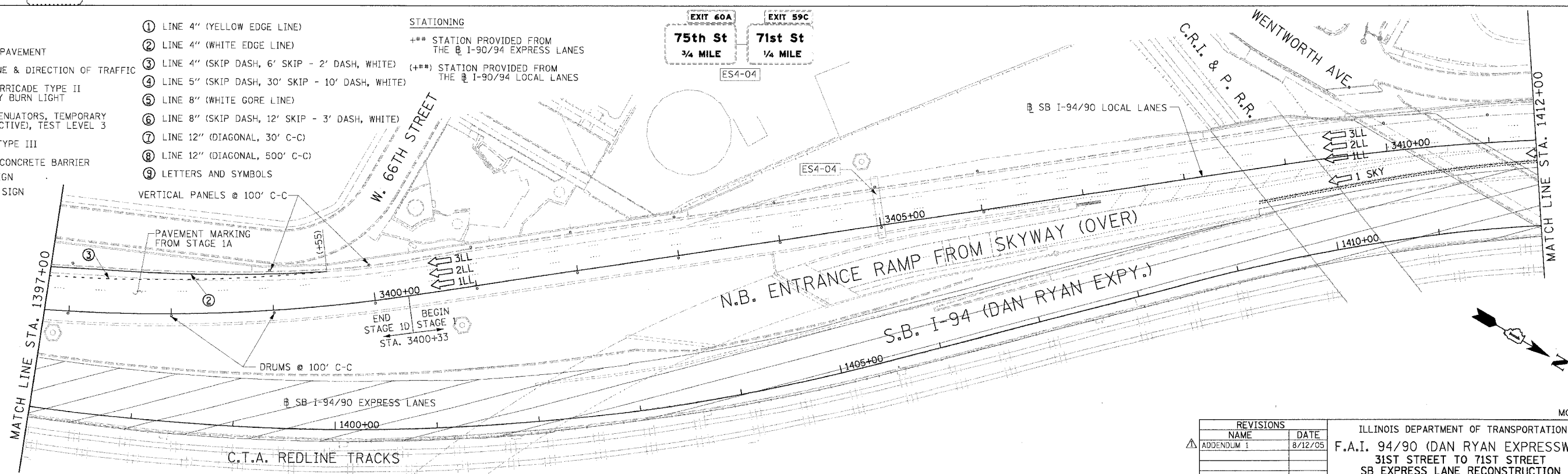
Edwards AND Kelcey
 ONE NORTH FRANKLIN
 CHICAGO, IL 60606
 PHONE: (312) 251-3000
 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

PROJ: 03010035AC06 14815/CADD/NS/14815/5007 24-87
 MOT-10
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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
 - 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
- VERTICAL PANELS @ 100' C-C



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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
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1382+00 TO STA. 1412+00
 STAGE 1D
 SCALE: 1"=50'
 DATE: 7/1/05
 DRAWN BY: TAI
 CHECKED BY: PJM

MOT-11
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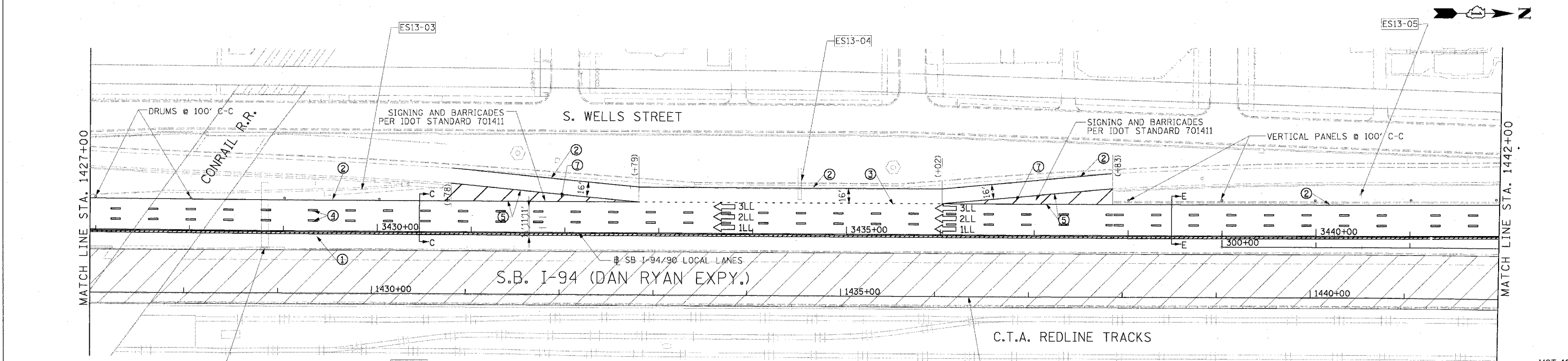
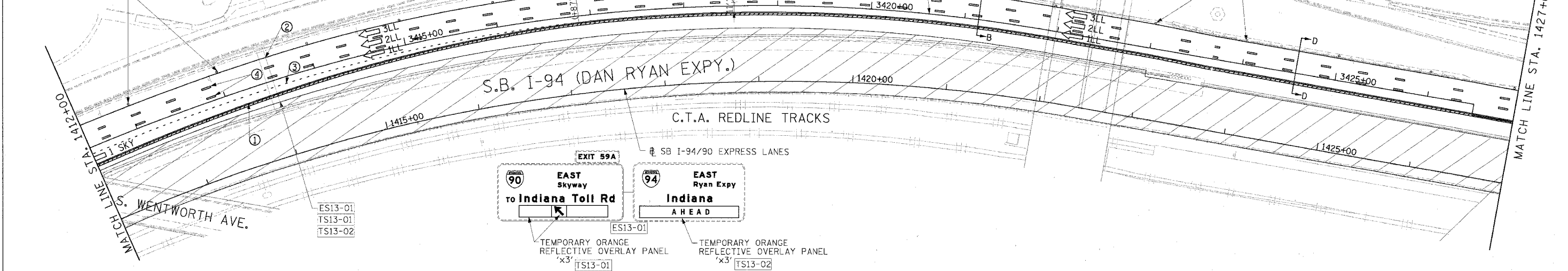
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
94/90		COOK	598
STA.	TO STA.		97
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
62302	• (1818, ETC, 2324.6-1P1R-9		

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

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

DRUMS @ 100' C-C



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 CHICAGO, IL 60606
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EXISTING ORANGE REFLECTIVE OVERLAY PANEL FROM CONTRACT 62589

EXISTING ORANGE REFLECTIVE OVERLAY PANEL FROM CONTRACT 62589

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

NOTE:
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REVISIONS	NAME	DATE

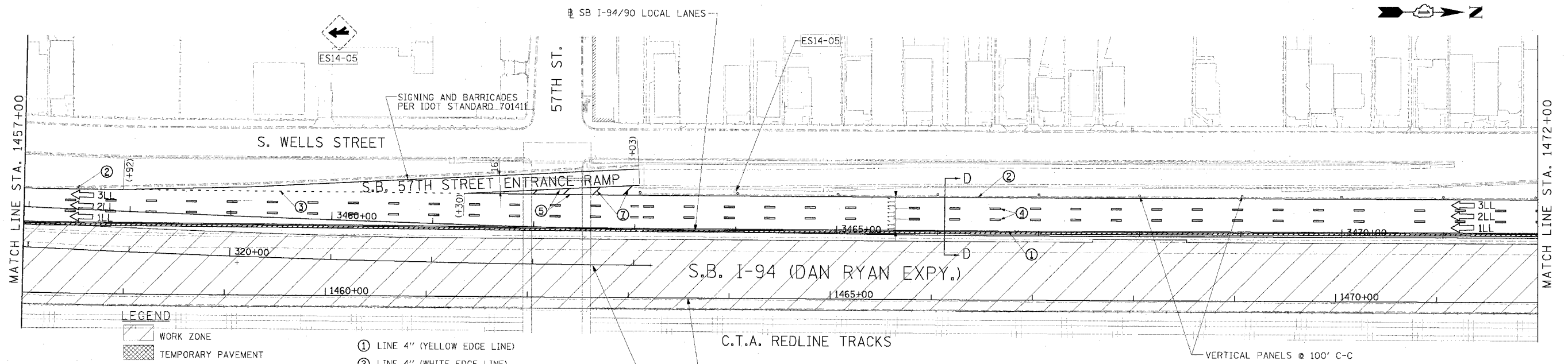
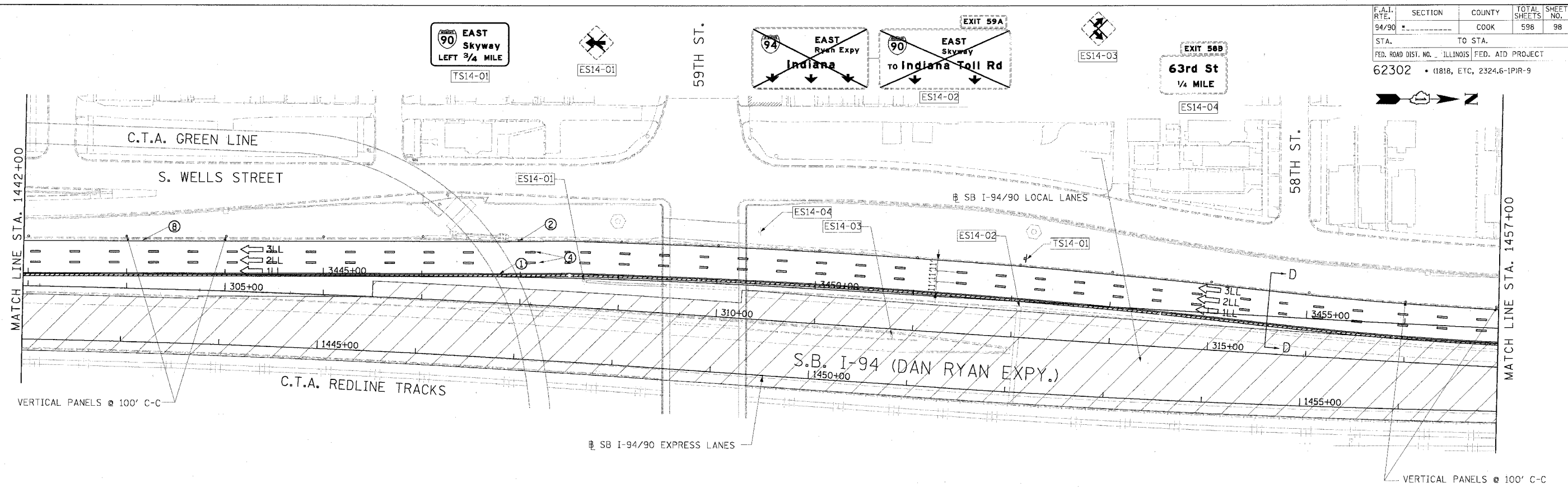
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 31ST STREET TO 71ST STREET
 SB EXPRESS LANE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1412+00 TO STA. 1442+00
 STAGE 1

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

DRAWN BY: TAI
 CHECKED BY: PJM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	98
STA.	TO STA.			
62302	1818, 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
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- BARRICADE TYPE III
- TEMPORARY CONCRETE BARRIER
- EXISTING SIGN
- TEMPORARY SIGN

- ① LINE 4" (YELLOW EDGE LINE)
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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

STA. 1462+62.82
PROPOSED OVERHEAD BRIDGE MOUNT SIGN
SEE OVERHEAD SIGN DETAILS



STATIONING

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

NOTE:

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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
MAINTENANCE OF TRAFFIC PLAN
SOUTHBOUND STA. 1442+00 TO STA. 1472+00
STAGE 1










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DATE: 7/7/05

DRAWN BY: TAI
CHECKED BY: PJM

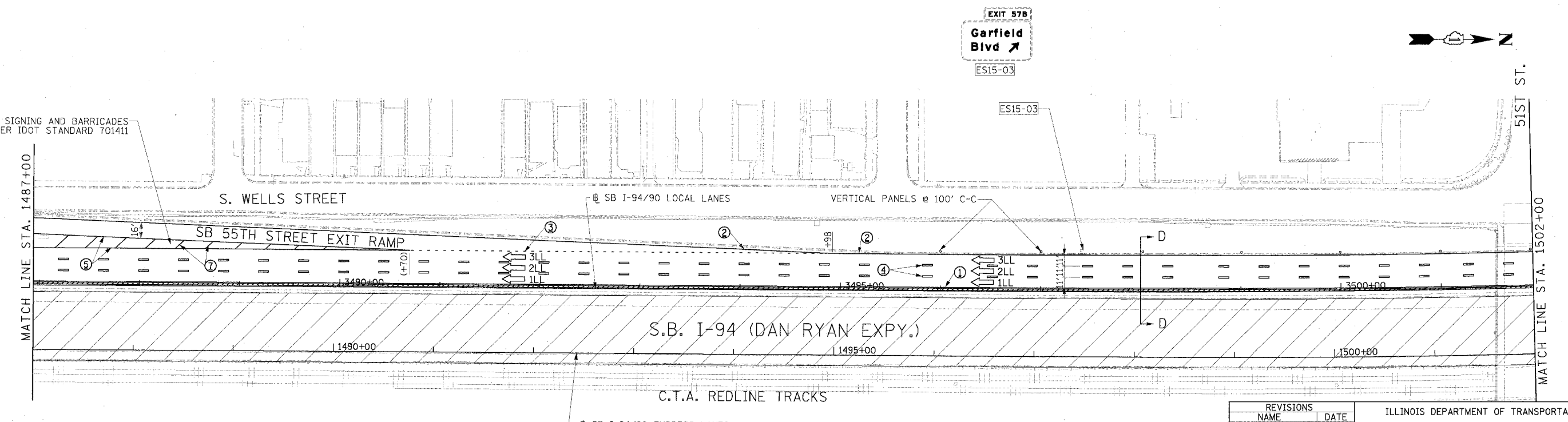
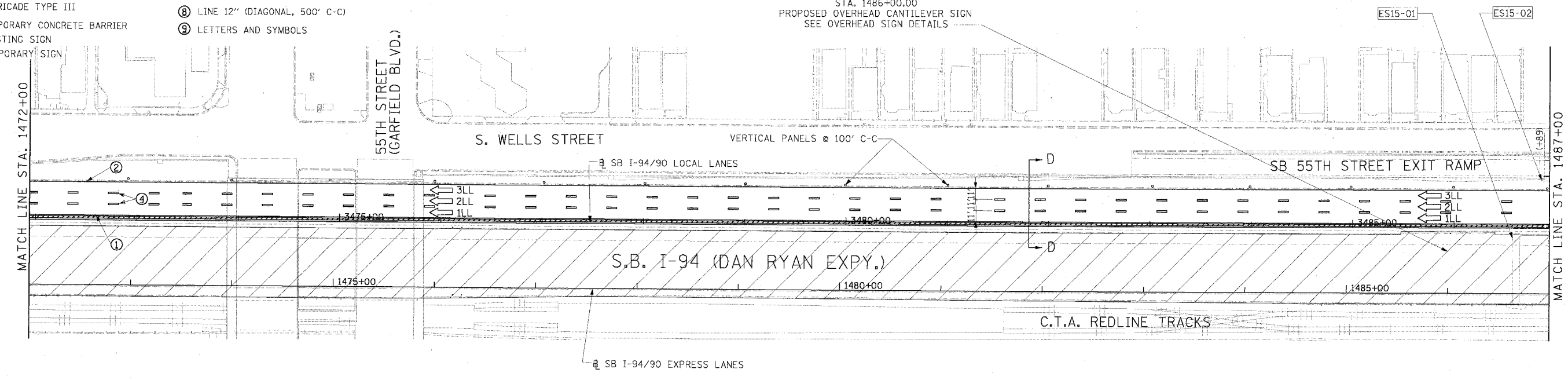
Edwards AND Kelcey
ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
WEB: WWW.EKCORP.COM

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LEGEND

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

F.A.I. RTE. 94/90	SECTION	COUNTY COOK	TOTAL SHEETS 598	SHEET NO. 99
STA. 1472+00	TO STA. 1502+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 62302 • (1818, ETC, 2324.6-IPR-9	



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



NOTE:
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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
 MAINTENANCE OF TRAFFIC PLAN
 SOUTHBOUND STA. 1472+00 TO STA. 1502+00
 STAGE 1
 SCALE: 1"=50'
 DATE: 7/7/05
 DRAWN BY: TAI
 CHECKED BY: PJM

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