

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	566	1
62301	(2021-922 PT2 ETC 2324.6-1P) R-10			

INDEX OF SHEETS
FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN NUMBER
D-91-417-01 47TH ST TO 31ST ST
D-91-419-01 GARFIELD BLVD TO 47TH ST

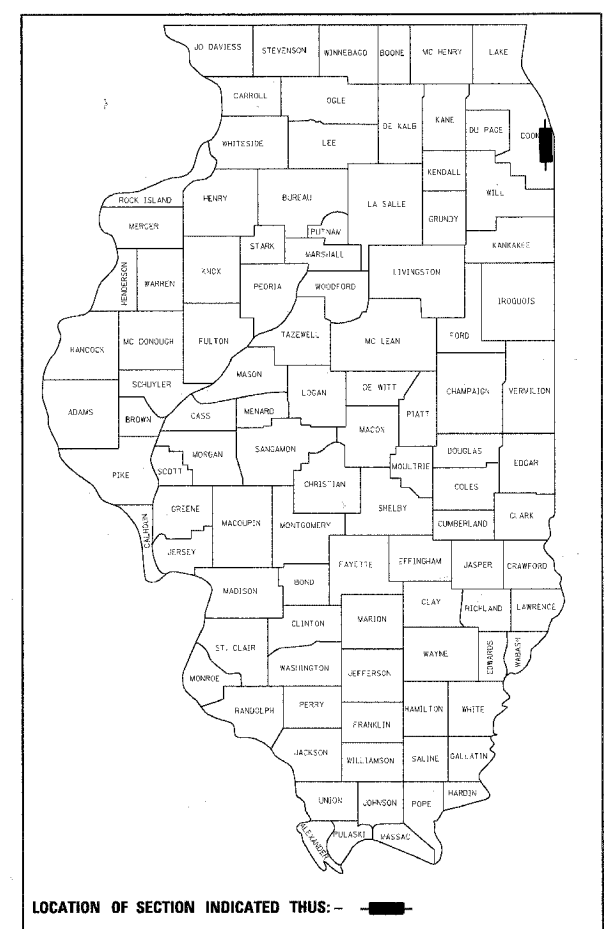
PROJECT LOCATED IN CITY OF CHICAGO

DESIGN DESIGNATION
NB LOCAL LANES: 8568 (35) URBAN INTERSTATE 264.46 (CRC-30)

	ADT (2020)	DESIGN SPEED	POSTED SPEED
NB LOCAL LANES	140,775	60	45
RAMP 39C	8,625	45	40
RAMP 43B	2,950	45	40
RAMP 43C	7,605	45	40
RAMP 47B	4,810	45	40

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED FEDERAL AID HIGHWAY

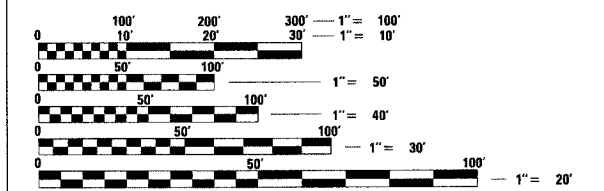
F.A.I. ROUTE 90/94 (DAN RYAN EXPRESSWAY)
SECTION (2021-922 PT2 ETC 2324.6-1P) R-10
PROJECT: ACIM-000S(519)
RECONSTRUCTION OF NORTHBOUND LOCAL LANES AND RAMPS BETWEEN GARFIELD BOULEVARD AND 31ST STREET
COOK COUNTY
C-91-418-01



LOCATION OF SECTION INDICATED THUS: -

 SIGNATURE: <i>John Allen Lukowicz</i> DATE: 6-06-06 EXPIRES: 11-30-07 ALL CTE SHEETS	 SIGNATURE: <i>Richard W. Stafford</i> DATE: June 6, 2006 EXPIRES: Nov. 30, 2007
 SIGNATURE: <i>Robert M. Conley</i> DATE: 6-06-06 EXPIRES: 11-30-07	 SIGNATURE: <i>DeWitt D. Moses</i> DATE: June 6, 2006 EXPIRES: Nov. 30, 2007
 SIGNATURE: <i>James P. Coleman</i> DATE: 6-06-06 EXPIRES: 11-30-07	 SIGNATURE: <i>Mir S. Ali Khan</i> DATE: 6-6-06 EXPIRES: 11-30-07 ALL REI SHEETS
 SIGNATURE: <i>Matthew J. Pregon</i> DATE: 6-5-2006 EXPIRES: 11-30-2006	 SIGNATURE: <i>Brian L. Umbright</i> DATE: June 6, 2006 EXPIRES: Nov. 30, 2006

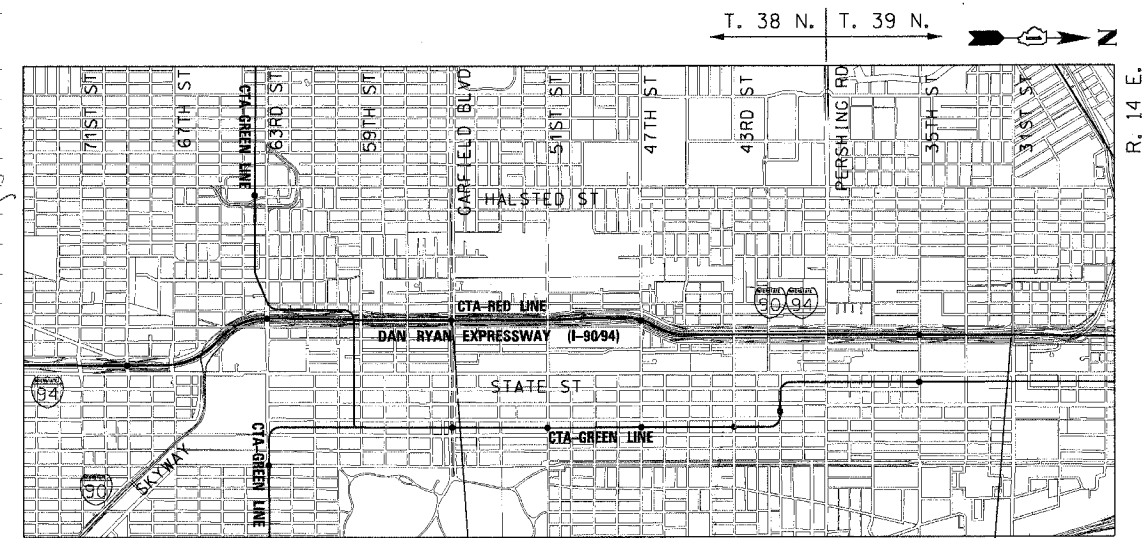
RETAINING WALL STRUCTURE NO. 016-W977
RETAINING WALL DESIGNATION: N-43N-R
RETAINING WALL DESIGNATION: N-43S-R



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.

BEFORE EXCAVATING CALL:
CHICAGO UTILITY ALERT NETWORK
(312) 744-7000

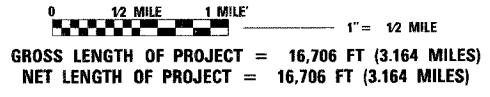
CONTRACT NO. 62301



PROJECT BEGINS
NB I-90/94
LOCAL LANES
STA 4474 + 50.00

PROJECT ENDS
NB I-90/94
LOCAL LANES
STA 4641 + 56.00

LOCATION MAP



DISTRICT ONE DESIGN/CONSULTANT SERVICES PROJECT MANAGER
RAJENDRA SHAH (847) 705-4555

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED June 1, 2006

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CONSULTING ENGINEERS
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www.bbainc.com

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IDOT HIGHWAY STANDARDS

STANDARD	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001	EARTH MEDIAN DITCH CHECK
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
420001-00	PAVEMENT JOINTS
420111-01	PCC PAVEMENT ROUNDOUTS
483001-02	PCC SHOULDER
602001	CATCH BASIN TYPE A
602011	CATCH BASIN TYPE C
602401-01	MANHOLE TYPE A
602601	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-01	MANHOLE STEPS
604001-02	FRAME AND LIDS TYPE 1
604036-01	GRATE TYPE 8
604071-02	FRAME AND GRATE TYPE 20
604091-01	FRAME AND GRATE TYPE 24
606001-02	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-00	STEEL PLATE BEAM GUARDRAIL
631011-02	TRAFFIC BARRIER TERMINAL, TYPE 2
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, DOUBLE FACE, 816 mm (32 in.) HEIGHT
642001	SHOULDER RUMBLE STRIPS
701101-01	OFF-RD OPERATIONS, MULTILANE, 4.5m (15') TO 600mm (24") FROM PAVEMENT EDGE
701106-01	OFF RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-03	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701406-04	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-03	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701446	TWO LANE CLOSURE FREEWAY / EXPRESSWAY
701601-04	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-03	LANE CLOSURE, MULTILANE, 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE, for speeds < 45 mph
702001-00	TRAFFIC CONTROL DEVICES
704001-02	TEMPORARY CONCRETE BARRIER
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720021-01	SIGN PANELS EXTRUDED ALUMINUM TYPE
729001	APPLICATION OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	2
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 (2021-922 PT2 ETC 2324.6-1P) R-10				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
INDEX OF SHEETS AND LIST OF ILLINOIS DOT HIGHWAY STANDARDS

SCALE: NONE DRAWN BY: NJH
 DATE: June 9, 2006 CHECKED BY: RMG



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GENERAL NOTES:

1. THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH, AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY IMPACT THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ANY AND ALL SURFACE AND UNDERGROUND UTILITIES, EVEN THOUGH THEY MAY NOT BE IDENTIFIED ON THE PLANS.
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE RESPECTIVE UTILITIES OF THE CITY OF CHICAGO. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL THE CHICAGO UTILITY ALERT NETWORK (C.U.A.N.) AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, CABLE, AND GAS FACILITIES (48 HOURS NOTIFICATION IS REQUIRED). THE CONTRACTOR SHALL CONTACT THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT, PERMIT SECTION AT (312) 747-7893 FOR WATER AND CITY SEWER LOCATIONS.
3. 10 FOOT TRANSITION LENGTHS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS 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.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM IDOT.
5. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING COMMERCIAL AND RESIDENTIAL AREAS.
6. ON STATE STANDARD 483001, SUBBASE GRANULAR MATERIAL, TYPE B, 24" SHALL BE USED AS THE IMPROVED SUBGRADE. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST PER SQ YARD OF "SUB-BASE GRANULAR MATERIAL, TYPE B, 24"."
7. USE NO. 6 EPOXY-COATED TIE BARS CONFORMING TO ARTICLE 1006.10(B)(2) OF THE STANDARD SPECIFICATIONS FOR LONGITUDINAL SAWED JOINT AS SHOWN ON IDOT STANDARD 420001 AND FOR TYING THE CURB AND GUTTER SECTIONS TO THE MAINLINE SHOULDERS AND PAVEMENT AS SHOWN ON THE PLANS. THE TIE BARS WILL NOT BE PAID FOR SEPARATELY. TIE BARS USED FOR LONGITUDINAL CONSTRUCTION JOINTS SHALL BE INCLUDED IN THE COST OF CONT REINFORCED PCC PAVEMENT, 14". TIE BARS USED WITH CURB AND GUTTER SHALL BE INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED.
8. USE NO. 8 EPOXY-COATED TIE BARS IN LIEU OF NO. 6 BARS, CONFORMING TO ARTICLE 1006.10(B)(2) OF THE STANDARD SPECIFICATIONS FOR LONGITUDINAL CONSTRUCTION JOINT AS SHOWN ON IDOT STANDARD 420001 AND FOR TYING SHOULDER SECTIONS TO THE MAINLINE PAVEMENT AND FOR TYING PCC CONCRETE WIDENING TO EXISTING CONCRETE PAVEMENT AND FOR TYING RAMP PAVEMENT TO EXISTING FRONTAGE ROAD CONCRETE BASE COURSE, AS SHOWN ON THE PLANS. TIE BARS USED FOR LONGITUDINAL CONSTRUCTION JOINTS SHALL BE INCLUDED IN THE COST OF CONT REINFORCED PCC PAVEMENT, 14". TIE BARS USED WITH THE SHOULDERS SHALL BE INCLUDED IN THE COST OF PCC SHOULDERS, 14". ALL OTHER TIE BARS SHALL BE INCLUDED IN THE COST OF PCC BASE COURSE, 9".
9. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 3:1 (H:V).
10. CHAIN LINK FENCE REMOVAL SHALL BE CONSIDERED AS PART OF CLEARING.
11. THE VARIATION IN WIDTH OF THE COMBINATION CONCRETE CURB AND GUTTER AS SHOWN ON THE PLANS SHALL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED.
12. COMBINATION CURB AND GUTTER REMOVAL WILL BE MEASURED PER LINEAL FOOT. THE REMOVAL OF THE EXISTING BITUMINOUS OVERLAY OF THE GUTTER WILL NOT BE MEASURED FOR PAYMENT BUT IS INCLUDED IN THE CONTRACT UNIT PRICE FOR COMBINATION CURB AND GUTTER REMOVAL.
13. 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.
14. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
15. WHERE SECTION OR 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 R.O.W. MARKERS SHALL REMAIN UNDISTURBED.
16. ALL ELEVATIONS IN THIS PLAN SET ARE BASED ON THE CHICAGO CITY DATUM. THE CONVERSION EQUATION FROM CCD TO NAVD 88 IS: NAVD 88 ELEVATION = CCD + 579.19.

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17. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL. ALL TYPE III BARRICADES REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
18. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE IDOT DISTRICT 1 "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
19. THE UNIT WEIGHT USED FOR ALL BITUMINOUS SURFACE MIXTURES IS 112 LB/SQ YD/IN.
20. THE QUANTITY FOR BITUMINOUS MATERIALS (PRIME COAT) WAS DETERMINED USING AN APPLICATION RATE OF 0.0004 TONS/SQ YD.
21. THE QUANTITY FOR AGGREGATE (PRIME COAT) WAS DETERMINED USING AN APPLICATION RATE OF 0.002 TONS/SQ YD.
22. SUPERSTRUCTURE RATING COARSE AGGREGATE SHALL BE USED IN THE CONCRETE BARRIER WALL CONCRETE MIXTURE.
23. LOCATIONS OF ACCESS CONTROL FENCING AS SHOWN ON THE PLANS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO BETTER FIT FIELD CONDITIONS.
24. 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 SHALL FIELD VERIFY LIMITS, LOCATIONS AND ELEVATIONS OF THESE PREVIOUSLY CONSTRUCTED ITEMS.
25. CRUSHING PLANT AND CONCRETE PLANT LOCATIONS REQUIRE CITY OF CHICAGO APPROVAL.
26. 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.
27. HAMMER DRIVING OF PILES WILL NOT BE ALLOWED. ALL PILES SHALL BE VIBRATED INTO PLACE.
28. THE CONCRETE MEDIAN SURFACE, 6" (SPECIAL) AT GUARDRAIL LOCATIONS SHALL USE THE INTEGRAL RED CONCRETE WITHOUT THE BRICK PATTERN FINISH.
29. THE CONTRACTOR IS ALERTED THAT THERE ARE EXISTING CTA UTILITY FACILITIES WITHIN, ADJACENT TO, AND CROSSING UNDER THE EXPRESSWAY FROM THE FRONTAGE ROADS TO THE CTA OPERATING AREA. THE EXACT LOCATION OF THESE FACILITIES IS NOT KNOWN. THE CONTRACTOR SHALL 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.
30. 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.
31. 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 CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, 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 SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THIS CONTRACT.

PROJECT COMMITMENTS:

1. IDOT WILL CONTINUE TO COORDINATE WITH THE CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION (CDOT) AND THE CHICAGO TRANSPORTATION AUTHORITY (CTA) USING THE "DAN RYAN EXPRESSWAY LANDSCAPE GUIDELINES", PREPARED BY CDOT AS GUIDELINES THROUGHOUT PHASE II OF THE PROJECT (PREPARATION OF CONTRACT PLANS) ON THE AESTHETICS AND LANDSCAPING TREATMENTS.
2. THE ILLINOIS STATE GEOLOGICAL SURVEY (ISGS) CONDUCTED A PRELIMINARY ENVIRONMENTAL SITE ASSESSMENT (PESA) IN WHICH THEY ASSESSED A HIGH RISK FOR THE OCCURRENCE OF HAZARDOUS MATERIALS. A SPECIAL WASTE WAIVER HAS BEEN APPROVED WHICH ALLOWS DESIGN APPROVAL TO BE GRANTED PRIOR TO THE COMPLETION OF SPECIAL WASTE STUDIES. THERE ARE STILL OUTSTANDING SPECIAL WASTE ISSUES THAT MUST BE ADDRESSED. THE ENVIRONMENTAL STUDIES UNIT SHOULD BE CONTACTED AT (847) 705-4101 TO DISCUSS THESE ISSUES. TO DETERMINE THE IMPLICATIONS OF FUTURE DESIGN CHANGES, PLEASE REFER TO THE PESA REVIEW COVER MEMOS FOR ISGS #1106A, AS DEPICTED IN EXHIBIT 7 - SPECIAL WASTE WAIVER IN THE CLASS OF ACTION DETERMINATION (ECAD).
3. 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.
4. 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 "FINING" OF THE NEW CONCRETE PAVEMENT.
5. IDOT REQUIRES THE PREPARATION (BY THE CONTRACTOR) OF PRE-CONSTRUCTION PHOTO AND/OR VIDEO LOGS OF STRUCTURES DIRECTLY ADJACENT TO THE HIGHWAY R.O.W. TO DOCUMENT STRUCTURAL CONDITION PRIOR TO DAN RYAN RECONSTRUCTION.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	3
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		*(2021-922 PT2 ETC 2324.6-1P) R-10		

GENERAL NOTES: CITY OF CHICAGO

(CITY OF CHICAGO NOTES APPLY ONLY TO WORK ON THE WELLS STREET/WENTWORTH AVENUE FRONTAGE ROAD.)

1. ALL CATCH BASINS IN THE CITY OF CHICAGO SHALL MEET THE DEPARTMENT OF WATER MANAGEMENT STANDARDS.
2. SEWER SIZES 21" DIAMETER OR SMALLER SHALL BE EXTRA STRENGTH VITRIFIED CLAY PIPE C-700 OR DUCTILE IRON PIPE WITH PUSH-ON OR MECHANICAL JOINTS. SEWER SIZES 24" DIAMETER OR LARGER SHALL BE REINFORCED CONCRETE PIPE TYPE C-76, CLASS III, WALL "B" WITH "O-RING" JOINTS.
3. A PERMIT FROM THE DEPARTMENT OF WATER MANAGEMENT IS REQUIRED IN ADVANCE FOR ANY UNDERGROUND SEWER WORK INCLUDING ADJUSTMENT OF STRUCTURES, REMOVAL/REPLACEMENT OF FRAMES AND LIDS, TELEVISION SURVEYS, CLEANING, LINING, AND INSPECTIONS. THE DEPARTMENT OF WATER MANAGEMENT PERMIT SHALL BE OBTAINED BY A LICENSED SEWER DRAIN LAYER PRIOR TO START OF CONSTRUCTION. THE LICENSED SEWER CONTRACTOR/SUBCONTRACTOR SHALL SUBMIT TWO SETS OF PLANS APPROVED BY THE DEPARTMENT OF WATER MANAGEMENT FOR THE ISSUE OF THE SEWER PERMIT TO 333 SOUTH STATE STREET, SUITE 410, CHICAGO, IL 60604. INSPECTION WILL BE PROVIDED BY THE DEPARTMENT OF WATER MANAGEMENT.
4. IF THE SEWER PIPE COVER IS REDUCED TO LESS THAN 3 FEET, CONCRETE ENCASEMENT OF THE SEWER OR REPLACEMENT OF THE SEWER WITH CLASS 52 DUCTILE IRON PIPE WILL BE REQUIRED. THIS WORK WILL BE PAID FOR AS COMBINED SEWERS OR STORM SEWERS (WATER MAIN REQUIREMENTS) FOR THE DIAMETER SPECIFIED.
5. IN CASE OF DAMAGE TO CITY OF CHICAGO SEWERS, PRIVATE AND PUBLIC DRAINS, SEWER STRUCTURES AND/OR BENCH MONUMENTS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE DEPARTMENT OF WATER MANAGEMENT AT (312) 747-7892 OR (312) 747-7893.
6. BENCH MONUMENT LOCATIONS WITHIN THE LIMITS OF THE IMPROVEMENT CAN BE OBTAINED FROM THE DEPARTMENT OF WATER MANAGEMENT AT 333 SOUTH STATE STREET, SUITE 410, CHICAGO, IL 60604. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF REPLACING ANY BENCH MONUMENT DAMAGED OR DESTROYED DURING CONSTRUCTION.
7. IN LOCATIONS WHERE THE MAIN SEWERS, DRAINAGE STRUCTURES, PUBLIC, AND PRIVATE DRAIN CONNECTIONS ARE DISTURBED OR DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS/HER OWN EXPENSE TO THE SATISFACTION OF THE DEPARTMENT OF WATER MANAGEMENT. THE SEWER FLOWS SHALL BE MAINTAINED AT ALL TIMES.
8. EXTREME CAUTION IS TO BE TAKEN TO ENSURE THAT NO FACILITY OWNED AND MAINTAINED BY THE DEPARTMENT OF WATER MANAGEMENT IS DAMAGED DURING CONSTRUCTION. IF ANY DAMAGE OCCURS TO ANY FACILITIES, THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE COST OF REPAIRING OR REPLACING THEM.
9. CLOSED LIDS SHALL BE PLACED ON ALL MANHOLES EXCEPT AT INTERSECTIONS. PERFORATED LIDS SHALL BE PLACED ON ALL CATCH BASINS.
10. ALL BROKEN, CRACKED, WORN OR OTHERWISE DAMAGED OR BICYCLE UNSAFE FRAMES AND GRATES OR LIDS ON SEWER STRUCTURES SHALL BE REPLACED WITH NEW DEPARTMENT OF WATER MANAGEMENT STANDARD FRAMES AND GRATES OR LIDS. OLD FRAMES AND GRATES OR LIDS SHALL BE DELIVERED TO THE DEPARTMENT OF WATER MANAGEMENT AT 39TH STREET AND ASHLAND AVENUE.
11. CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT.
12. CURB AND GUTTER CONSTRUCTION SHALL PROVIDE A MINIMUM CURB HEIGHT OF 3".
13. PAVEMENT REPLACEMENT AROUND FRAMES AND GRATES OR LIDS WHERE DRAINAGE, WATER MAIN OR ELECTRICAL STRUCTURES ARE ADJUSTED OR RECONSTRUCTED, SHALL BE WITH CLASS SI CONCRETE.
14. THE CHICAGO TRANSIT AUTHORITY (CTA) HAS BUS OPERATIONS ALONG WENTWORTH AVENUE/WELLS STREET. THE CONTRACTOR SHALL INFORM THE CTA REPRESENTATIVE MARVIN A. WATSON (GENERAL MANAGER CONSTRUCTION) OF THE ON-GOING PROJECT SCHEDULE STARTING 28 DAYS BEFORE THE START OF CONSTRUCTION AT (312) 733-7000 EXTENSION 7008.
15. ALL SEWER CONNECTIONS WITH PIPES 21" DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. PRECAST "TEE" AND "WYE" PIPE CONNECTIONS FOR PROPOSED SEWER WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST FOR THE SEWERS. FOR PROPOSED SEWER PIPES LARGER THAN 21" DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. FOR EXISTING SEWERS LARGER THAN 21", CONNECTIONS SHALL BE CORE DRILLED.

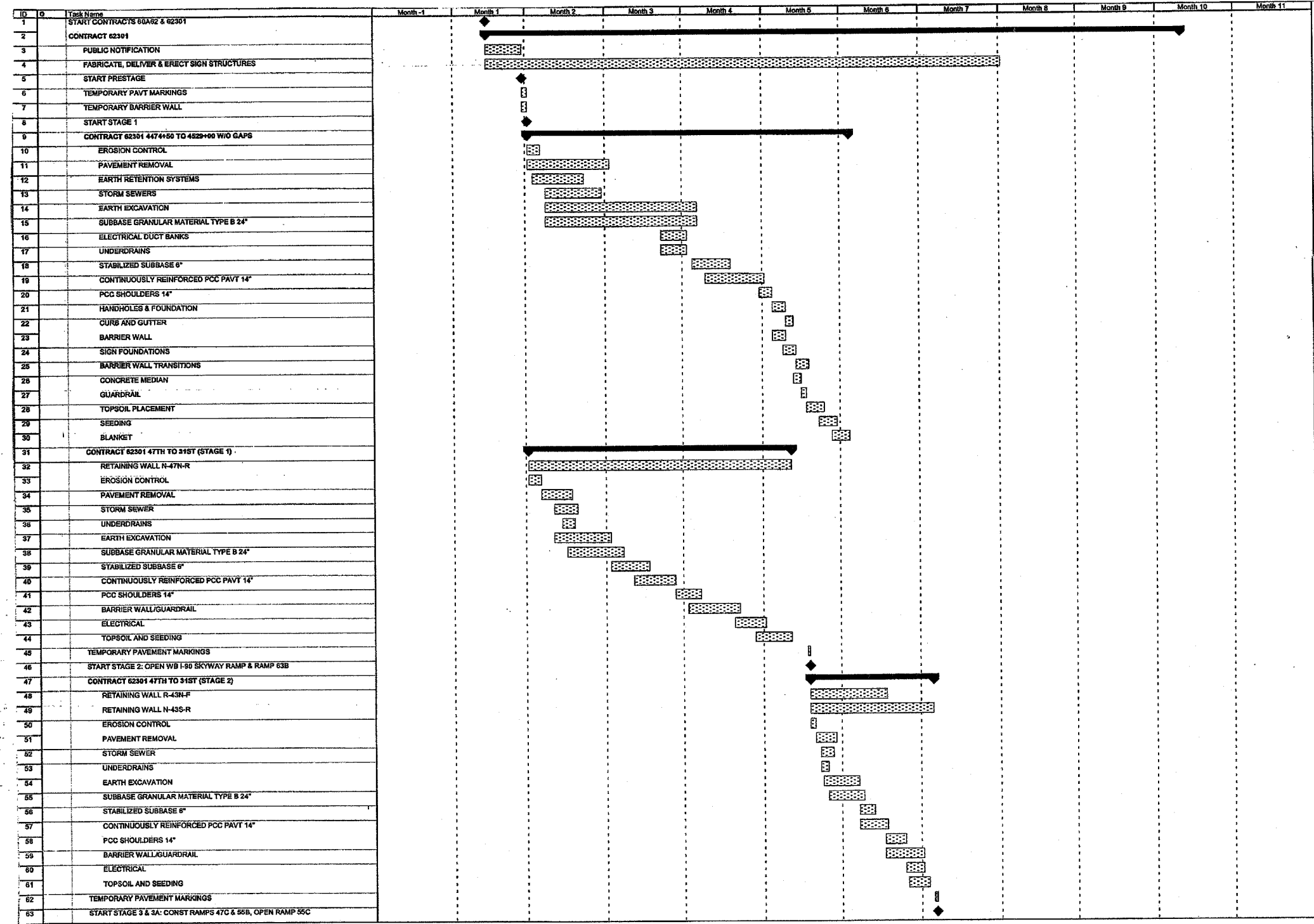
REVISIONS	
NAME	DATE

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

GENERAL NOTES AND PROJECT COMMITMENTS

SCALE: NONE DRAWN BY: NJH
 DATE: June 9, 2006 CHECKED BY: RMG

6/7/2006 9:50:07 AM



Project: DAN RYAN 18 & 18A Date: Fri 9/29/06

Task Split Progress Milestone Summary Rolled Up Task Rolled Up Milestone Rolled Up Split Rolled Up Milestone Rolled Up Progress External Tasks Project Summary External Milestone Deadline

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NAME	DATE

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

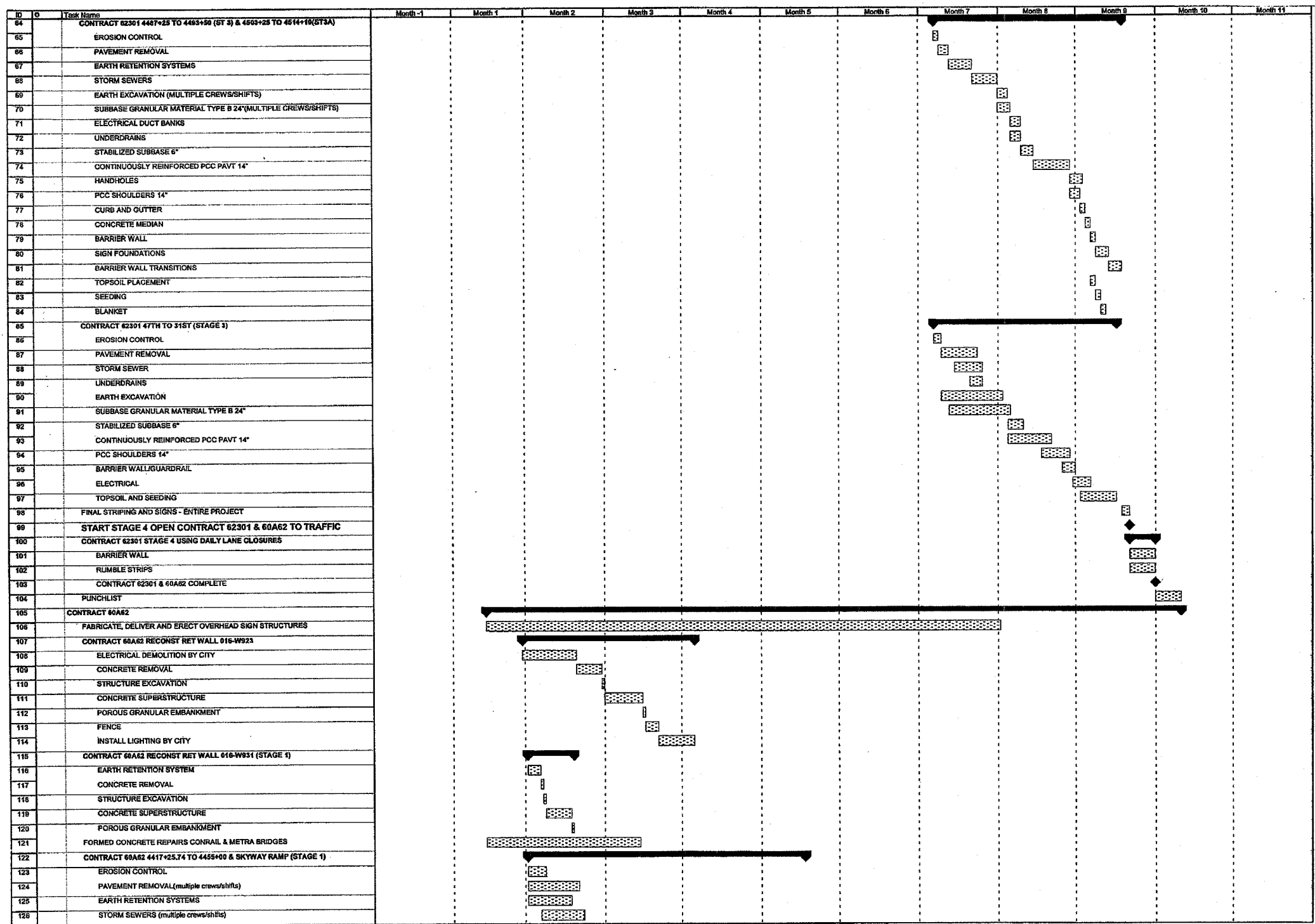
SUGGESTED SEQUENCE OF OPERATION

SCALE: NONE DRAWN BY: NJH
 DATE: June 9, 2006 CHECKED BY: RMG

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	5
STA.		TO STA.		
62301		* (2021-922 PT2 ETC 2324.6-1P) R-10		

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Project: DAN RYAN 18 & 19A Date: Fri 6/2/06

Task Split: [Pattern] Progress Milestone

Summary: [Pattern] Rolled Up Task

Roll Up Split: [Pattern] Rolled Up Milestone

Roll Up Progress: [Pattern] External Tasks

Project Summary: [Pattern] External Milestone

Deadline: [Symbol]

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CS-2

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

SUGGESTED SEQUENCE OF OPERATION

SCALE: NONE
 DATE: June 9, 2006

DRAWN BY: NJH
 CHECKED BY: RMG

6/7/2006 10:20:29 AM

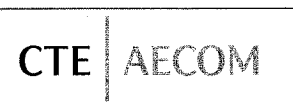
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	7
STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
62301			62301 • (2021-922 PT2 ETC 2324.6-1P) R-10	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	90% FEDERAL / 10% STATE																	
				URBAN ROADWAY	RETAINING WALL		MWRO BOX CULVERT	SIGNING	SAFETY	LIGHTING	SURVEILLANCE										
					016-W977	43rd-31st						Y000	Y007	Y007	X02824	Y002-1C	SFTY-3N	Y030-1E	Y032-1F		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	858	858																	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	701	701																	
20200100	EARTH EXCAVATION	CU YD	98,891	98,891																	
20200200	ROCK EXCAVATION	CU YD	217	217																	
20200410	EARTH EXCAVATION (SPECIAL)	CU YD	1,366	1,366																	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	9,658	9,658																	
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	212			211	1														
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	1,500	1,500																	
20800150	TRENCH BACKFILL	CU YD	3,902	3,902																	
20900110	POROUS GRANULAR BACKFILL	CU YD	1,967.9	1,967.9																	
* 21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	124,027	124,027																	
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	30,724	30,724																	
* 21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	32,989	32,989																	
* 21101825	COMPOST FURNISH AND PLACE, 6"	SQ YD	32,989	32,989																	
* 25000210	SEEDING, CLASS 2A	ACRE	10.30	10.30																	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,188	1,188																	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,185	1,185																	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,183	1,183																	
NP * 25000750	MOWING	ACRE	12.85	12.85																	
* 25001800	SEEDING, CLASS 4 (MODIFIED)	ACRE	2.84	2.84																	
* 25100630	EROSION CONTROL BLANKET	SQ YD	63,713	63,713																	
* 25200200	SUPPLEMENTAL WATERING	UNIT	1,531.4	1,531.4																	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	30,641	30,641																	
28000300	TEMPORARY DITCH CHECKS	EACH	8	8																	
28000510	INLET FILTERS	EACH	415	415																	
31101810	SUB-BASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	81,961	81,961																	
31101860	SUB-BASE GRANULAR MATERIAL, TYPE B 24"	SQ YD	42,067	42,067																	
31200100	STABILIZED SUB-BASE 4"	SQ YD	8,924	8,924																	
35300410	PORTLAND CEMENT CONCRETE BASE COURSE 9 1/2"	SQ YD	2,219	2,219																	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	203.1	203.1																	

NP = NON-PARTICIPATING

* DENOTES SPECIALTY ITEMS



REVISIONS		NAME	DATE

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

SUMMARY OF QUANTITIES

SCALE: NONE
DATE: June 9, 2006

DRAWN BY: PHP
CHECKED BY: RMG

Rev.

S00-1

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	8
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
62301		• (2021-922 PT2 ETC 2324.6-1P) R-10		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	90% FEDERAL / 10% STATE															
				URBAN ROADWAY	RETAINING WALL		MWRD BOX CULVERT	SIGNING	SAFETY	LIGHTING	SURVEILLANCE								
					016-W977	43rd-31st						Y000	Y007	Y007	Y002-1C	SFTY-3N	Y030-1E	Y032-1F	
40600300	AGGREGATE (PRIME COAT)	TON	87.8	87.8															
42000521	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SQ YD	6,214	6,214															
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	430					430											
42001300	PROTECTIVE COAT	SQ YD	137,134	137,134															
42100380	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14"	SQ YD	83,582	83,582															
44000008	BITUMINOUS SURFACE REMOVAL 2 1/2"	SQ YD	2,371	2,371															
44000009	BITUMINOUS SURFACE REMOVAL 3"	SQ YD	267	267															
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	1,664	1,626				38											
44000100	PAVEMENT REMOVAL	SQ YD	114,998	114,998															
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	36,897	36,897															
44000700	APPROACH SLAB REMOVAL	SQ YD	164					164											
44001980	CONCRETE BARRIER REMOVAL	FOOT	419	419															
44003100	MEDIAN REMOVAL	SQ FT	10,297	10,297															
44004250	PAVED SHOULDER REMOVAL	SQ YD	5,297	5,297															
48300600	PORTLAND CEMENT CONCRETE SHOULDERS 11"	SQ YD	616	616															
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1			1													
50102400	CONCRETE REMOVAL	CU YD	18			18													
50200100	STRUCTURE EXCAVATION	CU YD	631			195	170	16				250							
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	269.4	269.4															
50300225	CONCRETE STRUCTURES	CU YD	413	30	180	143						60							
50300255	CONCRETE SUPERSTRUCTURE	CU YD	258		72	86	97					3							
50300260	BRIDGE DECK GROOVING	SQ YD	153				153												
50300300	PROTECTIVE COAT	SQ YD	1,608		592	479	263					274							
50300510	RUSTICATION FINISH	SQ FT	8,182		4,222	3,503						457							
50500505	STUD SHEAR CONNECTORS	EACH	1,692		992	700													
50700209	UNTREATED TIMBER LAGGING	SQ FT	6,541		3,724	2,817													
50700211	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	874			874													
50700215	FURNISHING SOLDIER PILES (W SECTION)	FOOT	3465		2,150	1315													
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	99,480	5,000	39,920	32,030	17,690					4,840							
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	8,495	8,495															
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	427	427															

• DENOTES SPECIALTY ITEMS



REVISIONS	
NAME	DATE

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

SUMMARY OF QUANTITIES

SCALE: NONE
DATE: June 9, 2006
DRAWN BY: PHP
CHECKED BY: RMG

Rev. S00-2

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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	90% FEDERAL / 10% STATE																
				URBAN ROADWAY	RETAINING WALL		MWRD BOX CULVERT	SIGNING	SAFETY	LIGHTING	SURVEILLANCE									
					016-W977	43rd-31st						Y000	Y007	Y007	X020-24	Y002-1C	SFTY-3N	Y030-1E	Y032-1F	
55100300	STORM SEWER REMOVAL 8"	FOOT	197		197															
55100400	STORM SEWER REMOVAL 10"	FOOT	3,572		3,572															
55100500	STORM SEWER REMOVAL 12"	FOOT	2,752		2,752															
55100700	STORM SEWER REMOVAL 15"	FOOT	912		912															
55100900	STORM SEWER REMOVAL 18"	FOOT	305		305															
55101200	STORM SEWER REMOVAL 24"	FOOT	190		190															
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	538			302		236												
60107700	PIPE UNDERDRAINS 6"	FOOT	19,540		19,540															
60108000	PIPE UNDERDRAINS 12"	FOOT	1,299		1,299															
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	1,050		1,050															
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	1455			625		830												
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	11		11															
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	12		12															
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	188		188															
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	15		15															
60208210	CATCH BASINS, TYPE C, TYPE 20 FRAME AND GRATE	EACH	5		5															
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	1		1															
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6		6															
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2		2															
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	25		25															
60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4		4															
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	88		88															
60500040	REMOVING MANHOLES	EACH	10		10															
60500050	REMOVING CATCH BASINS	EACH	114		114															
60500060	REMOVING INLETS	EACH	96		96															
60500105	FILLING MANHOLES	EACH	7		7															
60500205	FILLING CATCH BASINS	EACH	61		61															
60602800	CONCRETE GUTTER, TYPE B	FOOT	3,566		3,566															
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,671		1,671															
60608521	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24	FOOT	1,932		1,932															

* DENOTES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

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

SUMMARY OF QUANTITIES

SCALE: NONE
 DATE: June 9, 2006
 DRAWN BY: PHP
 CHECKED BY: RMG



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6/27/2006 4:08:33 PM

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	90% FEDERAL / 10% STATE																
				URBAN ROADWAY	RETAINING WALL		MWRD BOX CULVERT	SIGNING	SAFETY	LIGHTING	SURVEILLANCE									
					016-W977	43rd-31st						Y000	Y007	Y007	Y002-1C	SFTY-3N	Y030-1E	Y032-1F		
60618324	CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)	SQ FT	11,880	11,880																
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	1,012.5	1,012.5																
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1																
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	7	7																
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	7	7																
* 63100169	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)	EACH	1	1																
63200310	GUARDRAIL REMOVAL	FOOT	3,104	3,104																
63700805	CONCRETE BARRIER TRANSITION	FOOT	1,248	1,248																
64200105	SHOULDER RUMBLE STRIP	FOOT	60,458	60,458																
66400550	CHAIN LINK FENCE, 4' (SPECIAL)	FOOT	2,042	2,042																
67100100	MOBILIZATION	L SUM	1	1																
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1																
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	20,534	20,534																
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	436	436																
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	73,218	73,218																
70300530	PAVEMENT MARKING TAPE, TYPE III 5"	FOOT	14,318	14,318																
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	39,257	39,257																
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	4,167	4,167																
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	61,076	61,076																
70400100	TEMPORARY CONCRETE BARRIER	FOOT	9,986	9,986																
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	35,940	35,940																
* 72000100	SIGN PANEL-TYPE 1	SQ FT	134						134											
* 72000200	SIGN PANEL-TYPE 2	SQ FT	224.3						224.3											
* 72000300	SIGN PANEL - TYPE 3	SQ FT	4,372.3						4,372.3											
* 72400200	REMOVE SIGN PANEL ASSEMBLY-TYPE B	EACH	3						3											
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	928.75						928.75											
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2																
* 72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	3,148	3,148																
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	922						922											
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	109.75						109.75											

* DENOTES SPECIALTY ITEMS

REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

SUMMARY OF QUANTITIES

SCALE: NONE
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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	90% FEDERAL / 10% STATE								
				URBAN ROADWAY J000	RETAINING WALL		MWRD BOX CULVERT Y028-2A	SIGNING Y002-1C	SAFETY SFTY-3N	LIGHTING Y030-1E	SURVEILLANCE Y032-1F	
					016-W977	43rd-31st						
72900200	METAL POST - TYPE B	FOOT	128					128				
73000100	WOOD SIGN SUPPORT	FOOT	762	32				730				
73000105	WOOD SIGN SUPPORT, SPECIAL	FOOT	34								34	
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	11					11				
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	352					352				
73300200	OVERHEAD SIGN STRUCTURE - SPAN, TYPE II-A (4'-6" X 5'-3")	FOOT	98					98				
73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	70					70				
73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	161.5					161.5				
73305000	OVERHEAD SIGN STRUCTURE WALKWAY	FOOT	367.8					367.8				
73400100	CONCRETE FOUNDATIONS	CU YD	2.1					2.1				
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	95.1					95.1				
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1					1				
73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	3					3				
73700100	REMOVE GROUND-MOUNTED SIGN SUPPORT	EACH	20					20				
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	20					20				
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	6					6				
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS & SYMBOLS	SQ FT	236.6	236.6								
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	60,477	60,477								
* 78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	19,738	19,738								
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	30,972	30,972								
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	6,126	6,126								
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	75	75								
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2,377	2,377								
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	4	4								
* 78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	1,585	1,585								
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	23	23								
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	282	282								
* 78201000	TERMINAL MARKER, DIRECT APPLIED	EACH	8	8								
78300100	PAVEMENT MARKING REMOVAL	SQ FT	32,125	32,125								
* 80700140	GROUND ROD, 5/8" DIA. X 10 FT.	EACH	8							8		

* DENOTES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

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

SUMMARY OF QUANTITIES

SCALE: NONE
DATE: June 9, 2006
DRAWN BY: PHP
CHECKED BY: RMG

S00-5



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	12
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	90% FEDERAL / 10% STATE								
				URBAN ROADWAY	RETAINING WALL		MWRD BOX CULVERT	SIGNING	SAFETY	LIGHTING	SURVEILLANCE	
					016-W977	43rd-31st						
				J000	Y007	Y007	X028-2A	Y002-1C	SFTY-3N	Y030-1E	Y032-1F	
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	3,026									3,026
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	301							51		250
81016700	CONDUIT IN TRENCH, 2 1/2" DIA., HIGH DENSITY POLYETHYLENE, COILABLE	FOOT	38									38
81016800	CONDUIT IN TRENCH, 3" DIA., HIGH DENSITY POLYETHYLENE, COILABLE	FOOT	75									75
81017000	CONDUIT IN TRENCH, 4" DIA., HIGH DENSITY POLYETHYLENE, COILABLE	FOOT	8									8
81023750	CONDUIT ENCASED, CONCRETE, 3" DIA., PVC	FOOT	472	327								145
81200270	CONDUIT EMBEDDED IN STRUCTURE, 4" DIA. PVC	FOOT	510							510		
81302630	JUNCTION BOX, NON METALLIC, EMBEDDED IN STRUCTURE, 21"X11"X8"	EACH	1							1		
81400200	HEAVY-DUTY HANDHOLE	EACH	11									11
81400205	HEAVY-DUTY HANDHOLE (SPECIAL)	EACH	6									6
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	4,127							206		3,921
82106300	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT (INSTALL ONLY)	EACH	6							6		
83050870	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2-6 FT. MAST ARMS, INSTALL ONLY	EACH	3							3		
83700250	LIGHT TOWER FOUNDATION, 44" DIAMETER	FOOT	20							20		
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12									12
87900200	DRILL EXISTING HANDHOLE	EACH	1									1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6									6
* E20200G1	VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT	EACH	931	931								
* E20220G1	VINE-PARTHENOCISSUS TRICUSPIDATA (BOSTON IVY), 1-GALLON POT	EACH	201	201								
* K0030400	PERENNIAL PLANTS, DAYLILIES	UNIT	8.36	8.36								
X0320333	ROADWAY CLEANING (SPECIAL)	EACH	19	19								
X0321720	WATER MAIN REMOVAL	FOOT	1,075	1,075								
X0321905	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 12"	FOOT	49	49								
X0322256	TEMPORARY INFORMATION SIGNING	SO FT	2,143	2,143								
X0322400	PILE EXTRACTION	EACH	20		20							
X0322859	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	16.0	16.0								
X0323221	PLUG AND ABANDON EXISTING PIPE	CU YD	8	8								
X0323360	WOODEN POLE REMOVAL	EACH	2							2		
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	830	830								
X0323907	COMMUNICATIONS VAULT	EACH	4									4

* DENOTES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

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

SUMMARY OF QUANTITIES

SCALE: NONE
 DATE: June 9, 2006

DRAWN BY: PHP
 CHECKED BY: RMG

S00-6



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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	90% FEDERAL / 10% STATE							
				URBAN ROADWAY	RETAINING WALL		MWRD BOX CULVERT	SIGNING	SAFETY	LIGHTING	SURVEILLANCE
					016-W977	43rd-31st					
				J000	Y007	Y007	X028-2A	Y002-1C	SFTY-3N	Y030-1E	Y032-1F
X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	14,846	14,846							
X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	3,714	3,714							
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SO FT	9,373	8,173	1,200						
X0324112	BARRIER BASE	FOOT	17,958	17,958							
X0324433	LIGHT TOWER SERVICE PAD, 6"	SO FT	816							816	
X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	22,352		12,973	9,379					
X0324469	CONDUIT ENCASED, REINFORCED CONCRETE, 2-4" DIA., CNC	FOOT	100								100
X0324470	CONDUIT ENCASED, REINFORCED CONCRETE, 3-4" DIA., CNC	FOOT	480								480
X0324471	CONDUIT ENCASED, REINFORCED CONCRETE, 4-4" DIA., CNC	FOOT	36								36
X0324472	CONDUIT ENCASED, REINFORCED CONCRETE, 5-4" DIA., CNC	FOOT	116								116
X0324640	FLUTED KNEE WALL	FOOT	218			218					
X0324646	CONDUIT ENCASED, REINFORCED CONCRETE, 6-4" DIA., CNC	FOOT	270								270
X0324697	SOIL STABILIZERS	POUND	1,669,253	1,669,253							
X0324698	APPLYING DUST SUPPRESSION AGENT	UNIT	1,331	1,331							
X0324793	LIGHT TOWER SERVICE PAD, SPECIAL	SO FT	1,496							1,496	
X0325080	VIDEO TAPING OF MWRD CULVERT	FOOT	245				245				
X0325081	CONCRETE SLAB HYDRO-DEMOLITION	SO YD	165				165				
X0919000	TEMPORARY PAVEMENT REMOVAL	SO YD	11,728	11,728							
X2020300	EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL	CU YD	27,469	27,469							
X2500322	SEEDING, CLASS 5A (MODIFIED)	ACRE	2.84	2.84							
X4066426	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	TON	392	392							
X4067100	POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50	TON	262	262							
X4210400	LUG SYSTEM REMOVAL	EACH	4	4							
X4834090	PORTLAND CEMENT CONCRETE SHOULDERS 14"	SO YD	24,114	24,114							
X6061003	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)	FOOT	4,450	4,450							
X6063600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	9,236	9,236							
X6065740	CONCRETE MEDIAN SURFACE, 5" (MODIFIED)	SO FT	4,168	4,168							
X6370910	CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT	FOOT	3,801	3,801							
X6370930	CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT	FOOT	12,386	12,386							
X6370935	CONCRETE BARRIER, SINGLE FACE, 32" (MODIFIED)	FOOT	523	523							

• DENOTES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

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

SUMMARY OF QUANTITIES

SCALE: NONE DRAWN BY: PHP
 DATE: June 9, 2006 CHECKED BY: RWG

Rev. S00-7



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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	90% FEDERAL / 10% STATE																
				URBAN ROADWAY	RETAINING WALL		MWRD BOX CULVERT	SIGNING	SAFETY	LIGHTING	SURVEILLANCE									
					016-W977	43rd-31st						Y000	Y007	Y007	Y002-1C	SFTY-3N	Y030-1E	Y032-1F		
X6640050	CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)	FOOT	989				470	519												
X6640500	CHAIN LINK GATE ASSEMBLY (SPECIAL)	EACH	1				1													
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	12	12																
X6700600	ENGINEER'S FIELD LABORATORY (SPECIAL)	CAL MO	12	12																
X7011008	TRAFFIC CONTROL AND PROTECTION FOR ALTERNATE ROUTE SIGNING	CAL MO	12	12																
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1																
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	330	330																
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	128	128																
X8100045	CONDUIT ENCASED, REINFORCED CONCRETE, 1-3" DIA., CNC	FOOT	60																	60
X8160380	UNIT DUCT, WITH 3-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (EPR-TYPE RHW), 1 1/4" DIA., POLYETHYLENE	FOOT	575																	575
X8360105	LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL, 24" DIAMETER	FOOT	43																	43
XX001854	STABILIZED SUB-BASE 6"	SO YD	115,103	115,103																
XX002957	REMOVE AND RE-ERECT EXISTING SIGN	EACH	13							13										
XX003988	TEMPORARY CONCRETE BARRIER REMOVAL	FOOT	14,466	14,466																
XX004046	AERIAL CABLE REMOVAL	FOOT	670																	670
XX004201	PAVEMENT REINFORCEMENT 14"	SO YD	83,582	83,582																
Z0002600	BAR SPLICERS	EACH	110							110										
Z0008244	DRILLED SHAFT IN SOIL 44"	FOOT	32				32													
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1																
△ Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	14	14																
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	3																	3
Z0030070	IMPACT ATTENUATOR (SEVERE USE, NARROW), TEST LEVEL 3	EACH	7																	7
Z0030140	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 2	EACH	1																	1
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	13																	13
Z0030280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	3																	3
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	7																	7
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	7,827	7,827																
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1																
⊙ Z0076600	TRAINEES	HOUR	1500	1500																
△ X0325504	CLEANING PIPE UNDERDRAINS	FOOT	4,230	4,230																

△ NON-PARTICIPATING
⊙ Y000

• DENOTES SPECIALTY ITEMS



REVISIONS		NAME	DATE

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

SUMMARY OF QUANTITIES

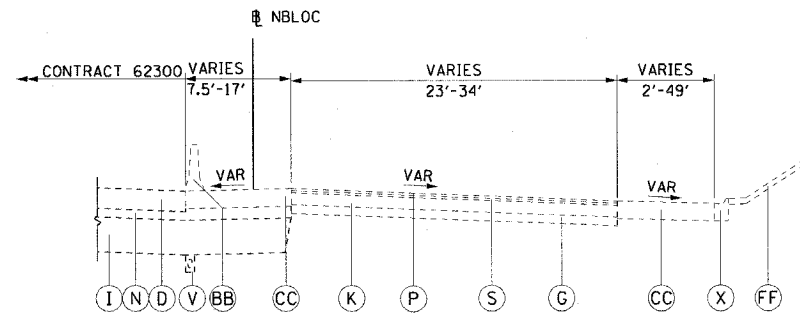
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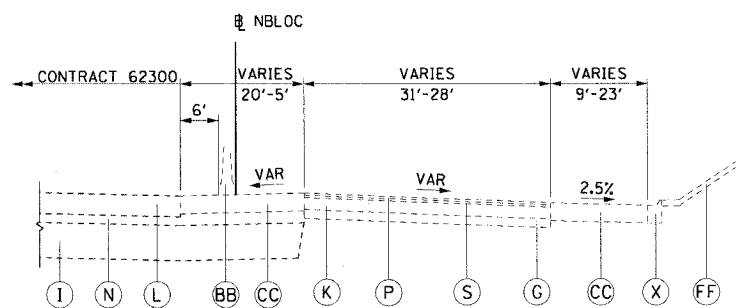
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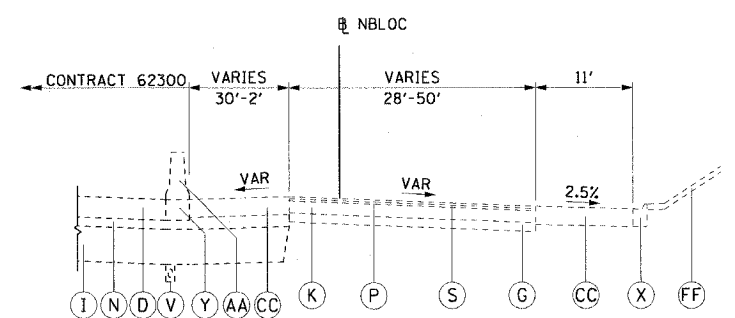
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	16
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		* (2021-922 PT2 ETC 2324.6-IP) R-10		



① TYPICAL SECTION
NB LOCAL LANES
STA 4474+50.00 TO STA 4516+33.28



② TYPICAL SECTION
NB LOCAL LANES
STA 4516+33.28 TO STA 4522+81.63



③ TYPICAL SECTION
NB LOCAL LANES
STA 4522+81.63 TO STA 4529+00.00

EXISTING LEGEND:

- ⓓ PORTLAND CEMENT CONCRETE SHOULDERS, 14"
- ⓖ SUB-BASE GRANULAR MATERIAL
- Ⓢ SUB-BASE GRANULAR MATERIAL, TYPE B, 24"
- Ⓚ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- Ⓛ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 14"
- Ⓝ STABILIZED SUB-BASE, 6"
- Ⓟ BITUMINOUS CONCRETE SURFACE COURSE, 1 1/2"
- Ⓠ BITUMINOUS CONCRETE BINDER COURSE, 1 1/2"
- Ⓡ PIPE UNDERDRAIN, 6"
- Ⓧ COMBINATION CONCRETE CURB AND GUTTER
- Ⓨ BARRIER BASE
- Ⓜ CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- Ⓟ TEMPORARY CONCRETE BARRIER WITH MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR
- Ⓞ TEMPORARY PAVEMENT (INTERSTATE) - 12" P.C.C. OR 14" BITUMINOUS
- Ⓡ GRASS AREA

NOTE:
THE EXISTING PAVEMENT TYPES AND THICKNESSES WERE TAKEN FROM DAN RYAN DESIGN PLANS OR RECORD DRAWINGS.

CTE | AECOM

REVISIONS	
NAME	DATE

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

**EXISTING TYPICAL SECTIONS
NORTHBOUND LOCAL LANES**

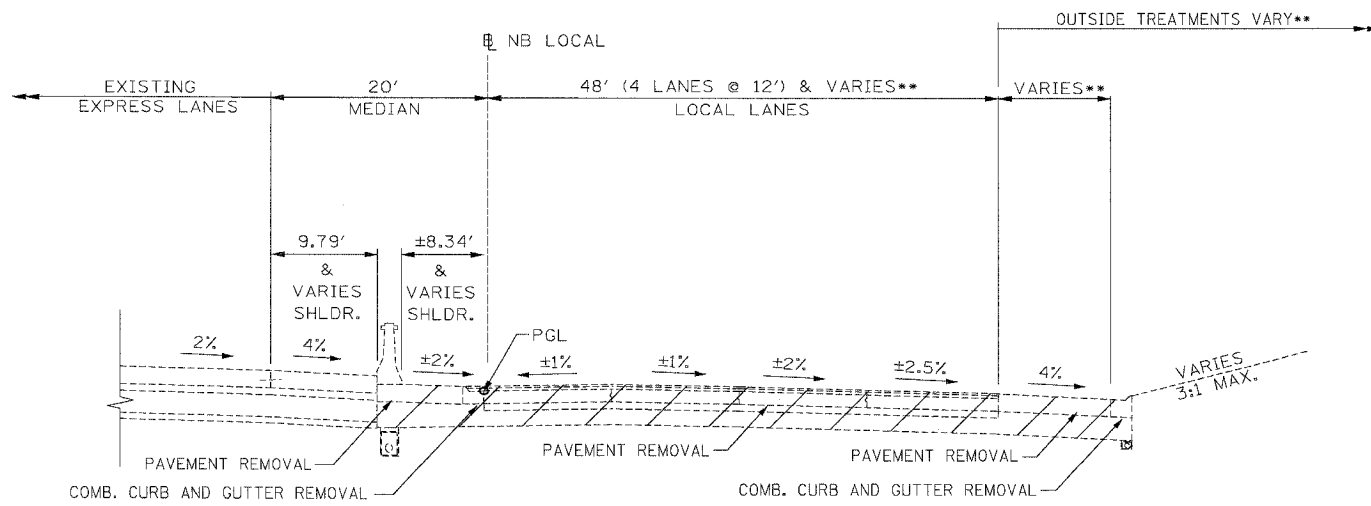
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EXTYP-1

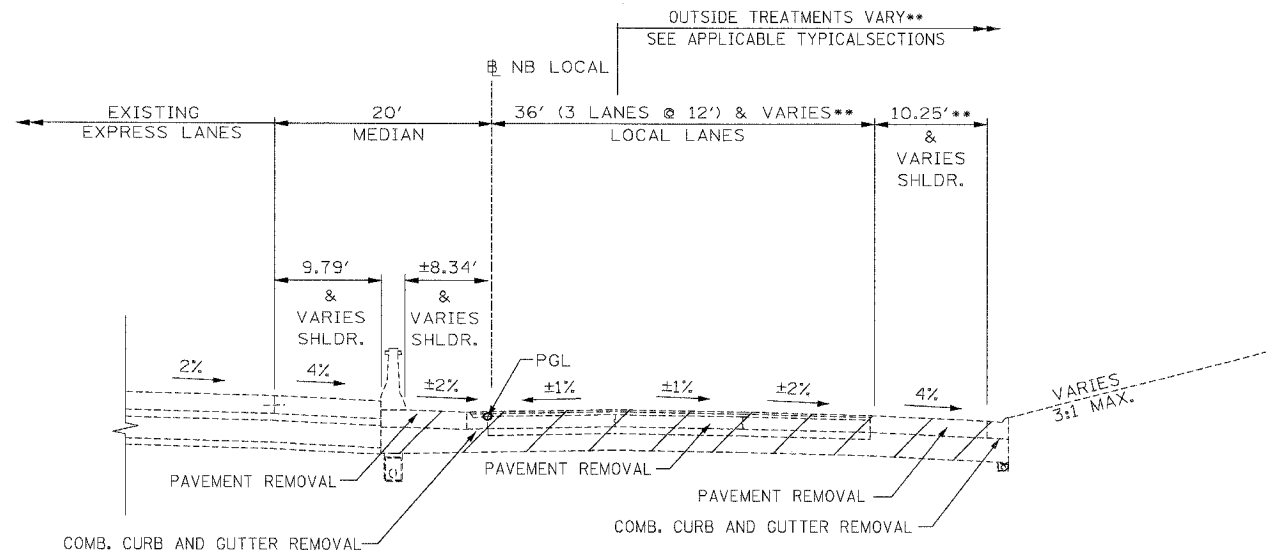
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62301		*(2021-922 PT2 ETC 2324.6-1P) R-10		



EXISTING LOCAL LANES WITH AUXILIARY LANE

STA. 4542+91 TO 4550+78
 STA. 4563+99 TO 4573+76
 STA. 4590+40 TO 4612+29
 STA. 4616+68 TO 4628+37



EXISTING LOCAL LANES

STA. 4529+00 TO 4630+24
 (SUPERELEVATED SECTIONS ARE SIMILAR)

EXISTING VARYING DEPTH SUB-BASE GRANULAR MATERIAL	
STATION	DEPTH
4582+27 - 4586+60	18"
4586+60 - 4587+60	18" - 36"
4587+60 - 4605+75	36"
4605+75 - 4607+90	36" - 18"
4607+90 - 4608+85	18"
4608+85 - 4611+90	24" - 42"
4611+90 - 4618+90	42"
4618+90 - 4622+90	42" - 18"
4622+90 - 4627+40	18" - 42"
4627+40 - 4631+70	42"
4631+70 - 4636+40	42" - 18"
4636+40 - 4637+61	18" - 26"

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

- EXISTING LEGEND**
- (A) GRAVEL OR CRUSHED STONE BASE COURSE, TYPE A, 6"
 - (B) PORTLAND CEMENT CONCRETE BASE COURSE, 9"
 - (C) PORTLAND CEMENT CONCRETE PAVEMENT, 10"
 - (D) PORTLAND CEMENT CONCRETE SHOULDERS, 14"
 - (E) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - (F) SUB-BASE GRANULAR MATERIAL (DEPTH VARIES SEE SCHEDULE ON THIS SHEET)
 - (G) SUB-BASE GRANULAR MATERIAL, 6"
 - (H) SUB-BASE GRANULAR MATERIAL, 6" AND VARIES
 - (I) SUB-BASE GRANULAR MATERIAL, TYPE B, 24"
 - (J) CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
 - (K) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 10"
 - (L) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 14"
 - (M) STABILIZED SUB-BASE, 4"
 - (N) STABILIZED SUB-BASE, 6"
 - (O) BITUMINOUS SURFACE, 1/2"
 - (P) BITUMINOUS CONCRETE SURFACE COURSE, 1/2"
 - (Q) BITUMINOUS CONCRETE SURFACE COURSE, 1 3/4"
 - (R) BITUMINOUS CONCRETE SURFACE COURSE, 2 1/2"
 - (S) BITUMINOUS CONCRETE BINDER COURSE, 1/2"
 - (T) BITUMINOUS CONCRETE BINDER COURSE, 1 3/4"
 - (U) BITUMINOUS SHOULDERS SUPERPAVE, 6"
 - (V) PIPE UNDERDRAINS, 6"
 - (W) PIPE UNDERDRAINS, 8"
 - (X) COMBINATION CONCRETE CURB AND GUTTER
 - (Y) BARRIER BASE
 - (Z) CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
 - (AA) CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
 - (BB) TEMPORARY CONCRETE BARRIER WITH MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR
 - (CC) TEMPORARY PAVEMENT (INTERSTATE) - 12" P.C.C. OR 14" BITUMINOUS
 - (DD) TEMPORARY SOIL RETENTION SYSTEM
 - (EE) SAND BACKFILL
 - (FF) GRASS AREA
 - (GG) RETAINING WALL
 - (HH) CHAIN LINK FENCE
 - (II) GUARDRAIL

EXTYP-2

NOTES:
 1. THICKNESS OF EXISTING PAVEMENT AND SUB BASES ARE TAKEN FROM RECORD DRAWING PLANS.
 2. SUPERELEVATED SECTIONS ARE SIMILAR TO TANGENT SECTIONS
 * PAVEMENT CROSS SLOPES AS STATED & VARIES
 ** SEE PLAN SHEETS FOR DETAILS

REVISIONS	
NAME	DATE

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

EXISTING TYPICAL SECTIONS

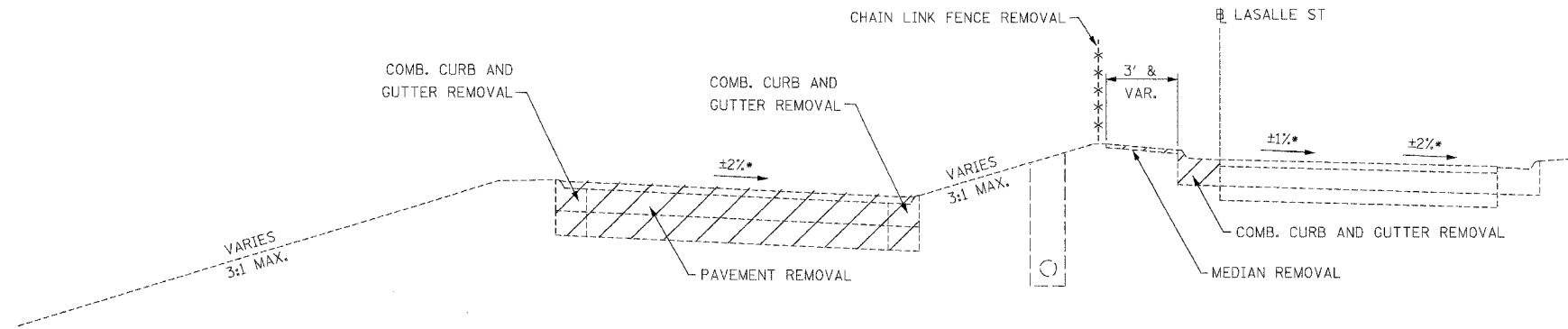
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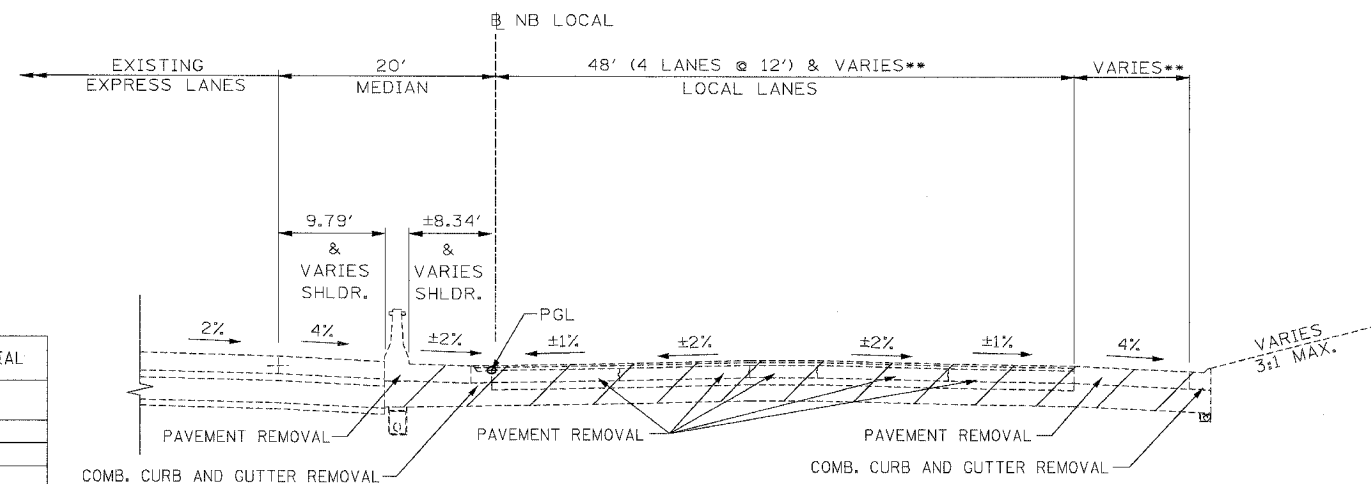
EXISTING LEGEND

- (A) GRAVEL OR CRUSHED STONE BASE COURSE, TYPE A, 6"
- (B) PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (C) PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (D) PORTLAND CEMENT CONCRETE SHOULDERS, 14"
- (E) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (F) SUB-BASE GRANULAR MATERIAL (DEPTH VARIES SEE SCHEDULE ON THIS SHEET)
- (G) SUB-BASE GRANULAR MATERIAL, 6"
- (H) SUB-BASE GRANULAR MATERIAL, 6" AND VARIES
- (I) SUB-BASE GRANULAR MATERIAL, TYPE B, 24"
- (J) CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- (K) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (L) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 14"
- (M) STABILIZED SUB-BASE, 4"
- (N) STABILIZED SUB-BASE, 6"
- (O) BITUMINOUS SURFACE, 1 1/2"
- (P) BITUMINOUS CONCRETE SURFACE COURSE, 1 1/2"
- (Q) BITUMINOUS CONCRETE SURFACE COURSE, 1 3/4"
- (R) BITUMINOUS CONCRETE SURFACE COURSE, 2 1/2"
- (S) BITUMINOUS CONCRETE BINDER COURSE, 1 1/2"
- (T) BITUMINOUS CONCRETE BINDER COURSE, 1 3/4"
- (U) BITUMINOUS SHOULDERS SUPERPAVE, 6"
- (V) PIPE UNDERDRAINS, 6"
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- (BB) TEMPORARY CONCRETE BARRIER WITH MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR
- (CC) TEMPORARY PAVEMENT (INTERSTATE) - 12" P.C.C. OR 14" BITUMINOUS
- (DD) TEMPORARY SOIL RETENTION SYSTEM
- (EE) SAND BACKFILL
- (FF) GRASS AREA
- (GG) RETAINING WALL
- (HH) CHAIN LINK FENCE
- (II) GUARDRAIL



EXISTING ONE LANE RAMP

RAMP	STATION
47B	(NO STATIONING DUE TO RAMP RE-ALIGNMENT)
43D	8054+01 TO 8059+01
43B	6040+70 TO 6044+97
39C	8044+28 TO 8050+58
T35C	8024+14 TO 8024+43
T39B	6022+99 TO 6023+51
35B	6004+14 TO 6004+72
31C	(EXISTING TO REMAIN IN PLACE)



EXISTING LOCAL LANE DIVERGENCE

STA. 4630+24 TO 4638+05

STATION	DEPTH
4582+27 - 4586+60	18"
4586+60 - 4587+60	18" - 36"
4587+60 - 4605+75	36"
4605+75 - 4607+90	36" - 18"
4607+90 - 4608+85	18"
4608+85 - 4611+90	24" - 42"
4611+90 - 4618+90	42"
4618+90 - 4622+90	42" - 18"
4622+90 - 4627+40	18" - 42"
4627+40 - 4631+70	42"
4631+70 - 4636+40	42" - 18"
4636+40 - 4637+61	18" - 26"

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CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

- NOTES:
- THICKNESS OF EXISTING PAVEMENT AND SUB BASES ARE TAKEN FROM RECORD DRAWING PLANS.
 - SUPERELEVATED SECTIONS ARE SIMILAR TO TANGENT SECTIONS
- PAVEMENT CROSS SLOPES AS STATED & VARIES
 - SEE PLAN SHEETS FOR DETAILS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
NAME	DATE	
		EXISTING TYPICAL SECTIONS

SCALE: NTS
DATE: 06/09/06

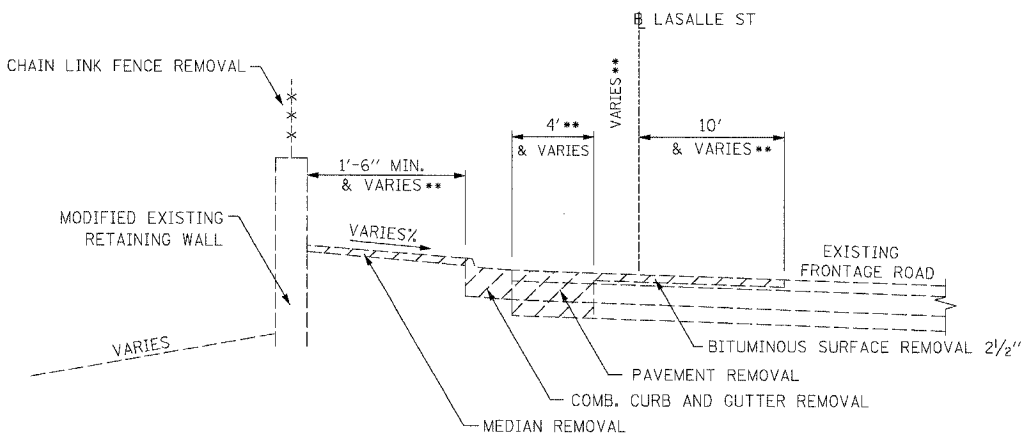
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CHECKED BY: RS

EXTYP-3

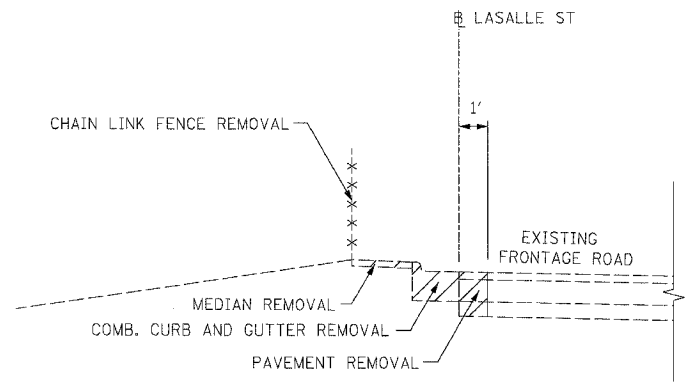
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	19
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*(2021-922 PT2 ETC 2324.6-1P) R-10			

EXISTING LEGEND

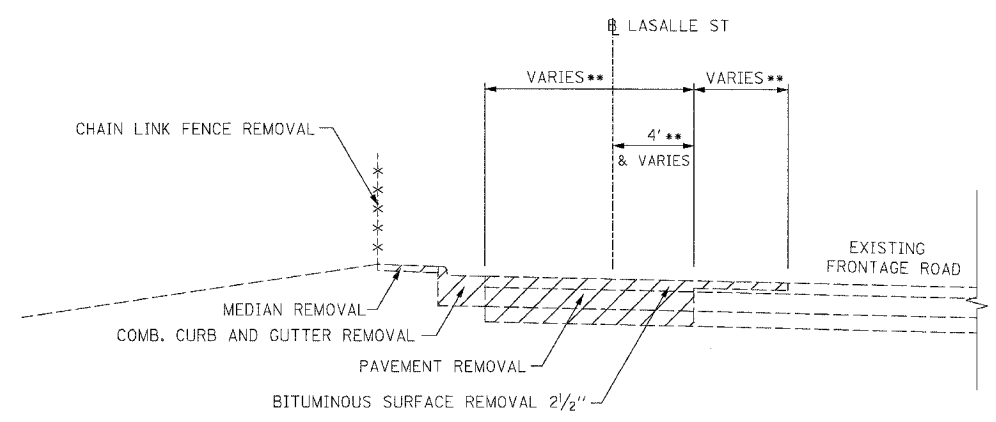
- (A) GRAVEL OR CRUSHED STONE BASE COURSE, TYPE A, 6"
- (B) PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (C) PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (D) PORTLAND CEMENT CONCRETE SHOULDERS, 14"
- (E) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (F) SUB-BASE GRANULAR MATERIAL (DEPTH VARIES SEE SCHEDULE ON THIS SHEET)
- (G) SUB-BASE GRANULAR MATERIAL, 6"
- (H) SUB-BASE GRANULAR MATERIAL, 6" AND VARIES
- (I) SUB-BASE GRANULAR MATERIAL, TYPE B, 24"
- (J) CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- (K) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (L) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 14"
- (M) STABILIZED SUB-BASE, 4"
- (N) STABILIZED SUB-BASE, 6"
- (O) BITUMINOUS SURFACE, 1 1/2"
- (P) BITUMINOUS CONCRETE SURFACE COURSE, 1 1/2"
- (Q) BITUMINOUS CONCRETE SURFACE COURSE, 1 3/4"
- (R) BITUMINOUS CONCRETE SURFACE COURSE, 2 1/2"
- (S) BITUMINOUS CONCRETE BINDER COURSE, 1 1/2"
- (T) BITUMINOUS CONCRETE BINDER COURSE, 1 3/4"
- (U) BITUMINOUS SHOULDERS SUPERPAVE, 6"
- (V) PIPE UNDERDRAINS, 6"
- (W) PIPE UNDERDRAINS, 8"
- (X) COMBINATION CONCRETE CURB AND GUTTER
- (Y) BARRIER BASE
- (Z) CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- (AA) CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- (BB) TEMPORARY CONCRETE BARRIER WITH MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR
- (CC) TEMPORARY PAVEMENT (INTERSTATE) - 12" P.C.C. OR 14" BITUMINOUS
- (DD) TEMPORARY SOIL RETENTION SYSTEM
- (EE) SAND BACKFILL
- (FF) GRASS AREA
- (GG) RETAINING WALL
- (HH) CHAIN LINK FENCE
- (II) GUARDRAIL



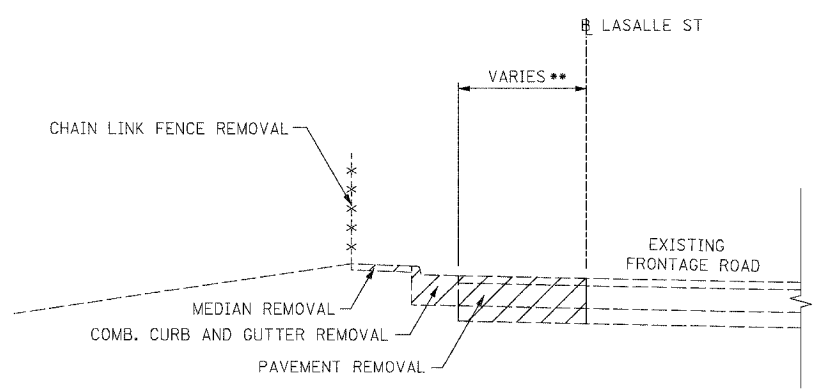
EXISTING FRONTAGE ROAD PARTIAL RECONSTRUCTION WITH RETAINING WALL
STA. 211+40.2 TO 215+94.3



EXISTING FRONTAGE ROAD C&G RECONSTRUCTION
STA. 219+97 TO 221+23



EXISTING FRONTAGE ROAD PARTIAL RECONSTRUCTION
STA. 233+14.7 TO 237+96.3
STA. 238+65.5 TO 245+43.2
STA. 260+85.6 TO 264+15.0



EXISTING FRONTAGE ROAD PAVEMENT REDUCTION
STA. 215+94.3 TO 219+97

NOTES:
1. THICKNESS OF EXISTING PAVEMENT AND SUB BASES ARE TAKEN FROM RECORD DRAWING PLANS.
2. SUPERELEVATED SECTIONS ARE SIMILAR TO TANGENT SECTIONS
* PAVEMENT CROSS SLOPES AS STATED & VARIES
** SEE PLAN SHEETS FOR DETAILS

REVISIONS	
NAME	DATE

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

EXISTING TYPICAL SECTIONS

SCALE: NTS
DATE: 06/09/06
DRAWN BY: JDC
CHECKED BY: RS

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
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EXTYP-4

145458 FM 6/7/2006

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	20
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				

STRUCTURAL PAVEMENT DESIGN FOR MAINLINE

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

BITUMINOUS MIXTURE REQUIREMENT

ITEM	AC TYPE	VOIDS	RAP %
BITUMINOUS STABILIZED SUB-BASE, 4"	PG 58-22	2% @ 30 Gyr	50
BITUMINOUS STABILIZED SUB-BASE, 6"	PG 58-22	3% @ 50 Gyr	25
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	PG 64-22	4% @ 70 Gyr	10
POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50	SBS/SBR PG 76-28	2.5% @ 50 Gyr	0
TEMPORARY PAVEMENT (INTERSTATE)			
POLYMERIZED BIT. CONC. BINDER COURSE, SUPERPAVE, IL-19.0, N105, 14"	SBS PG 76-22	4% @ 105 Gyr	0

THE UNIT WEIGHT USED TO CALCULATE ALL BITUMINOUS SURFACE MIXTURES IS 112 LBS/SQYD/IN

PROPOSED LEGEND:

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- ③ BITUMINOUS STABILIZED SUB-BASE, 6"
- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- ⑥ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑨ BITUMINOUS MATERIALS (PRIME COAT)
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 14"
- ⑱ CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- ⑳ CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- ㉑ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- ㉒ BARRIER BASE
- ㉔ BARRIER WALL MARKERS, TYPE C (80' C-C)
- ㉖ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- ㉗ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ㉘ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
- ㉙ PIPE UNDERDRAINS 6"
- ㉛ GUARDRAIL
- ㉜ TOPSOIL FURNISH AND PLACE / SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
- ㉝ LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF CONTINUOUSLY REINFORCED PCC PAVEMENT 14")
- ㉞ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB CONC CURB AND GUTTER TYPE)
- ㉟ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 30" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE PCC SHOULDER TYPE)

- NOTES:**
- SEE ROADWAY DETAILS FOR VARIABLE HEIGHT OF THE DOUBLE FACE BARRIER WALL AND FOR THE TYING OF THE BARRIER BASE TO THE PCC SHOULDER AND FOR THE LIMITS OF CONSTRUCTION OF THE SUB-BASE GRANULAR MATERIAL UNDER THE DOUBLE FACE BARRIER WALL.
 - SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
 - TYPICAL SECTIONS NEED TO BE VERIFIED WITH THE ROADWAY PLANS AS THEY ARE A REPRESENTATION OF THE PLANS. THEY DO NOT SHOW ALL CONFIGURATIONS, JUST THE MOST PREDOMINANT.

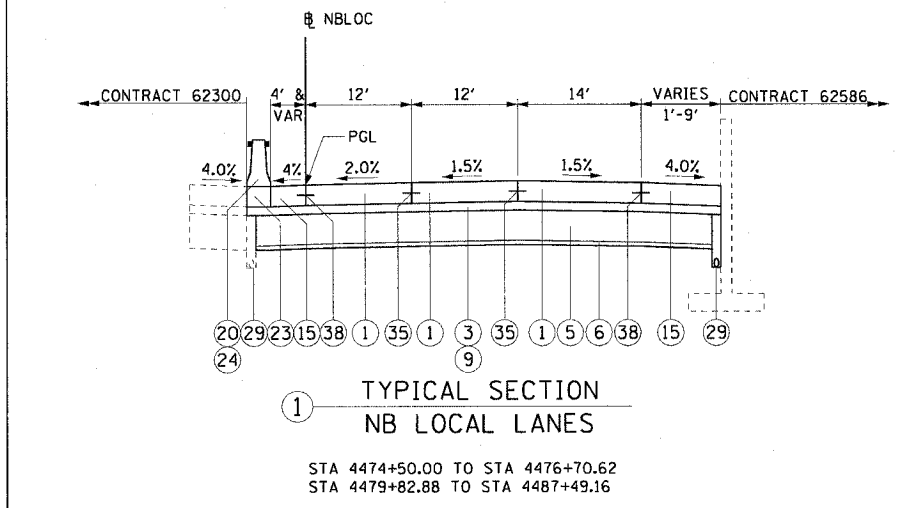
REVISIONS	
NAME	DATE

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

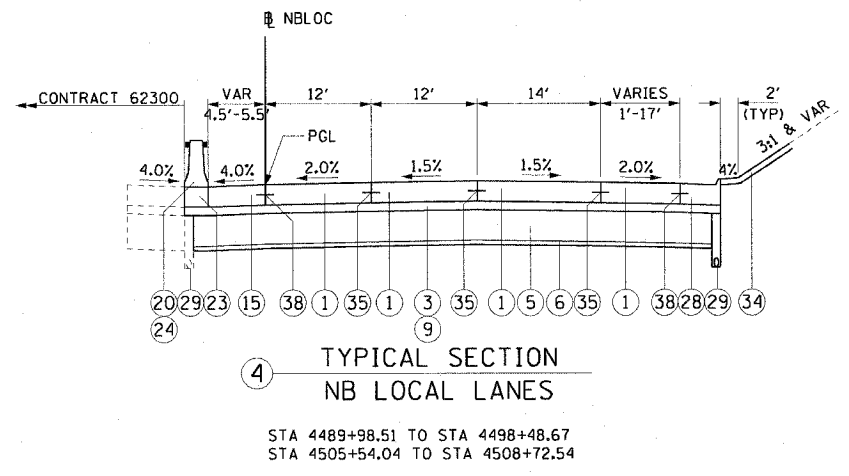
**PROPOSED TYPICAL SECTIONS
 NORTHBOUND LOCAL LANES**

SCALE: H₁"=10' V₁"=5'
 DATE: June 9, 2006

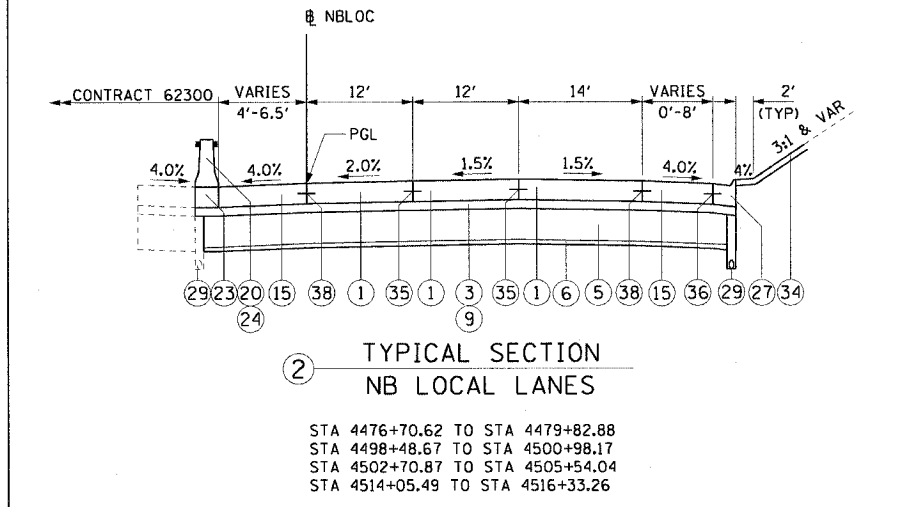
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 CHECKED BY: RMG



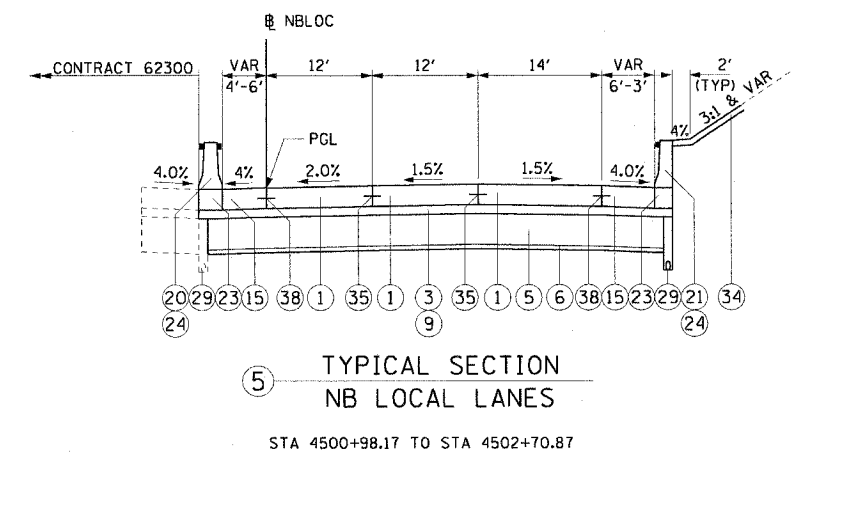
**① TYPICAL SECTION
 NB LOCAL LANES**
 STA 4474+50.00 TO STA 4476+70.62
 STA 4479+82.88 TO STA 4487+49.16



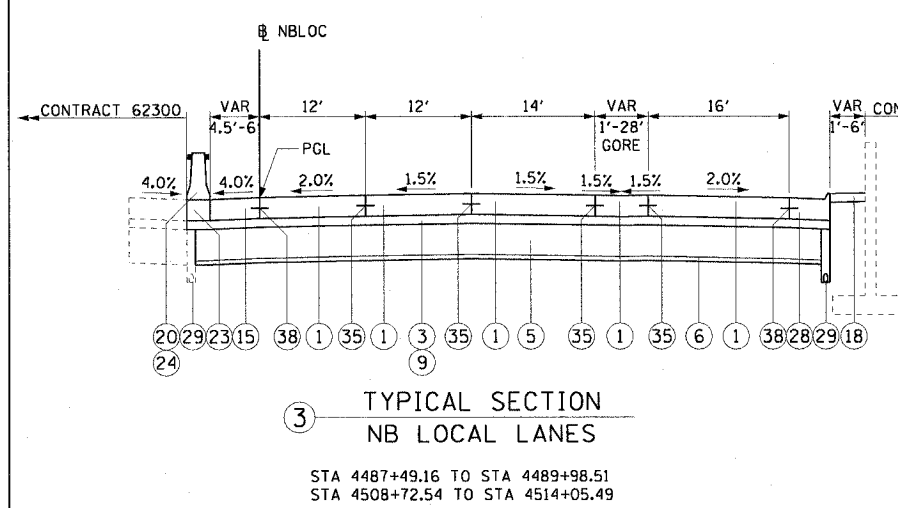
**④ TYPICAL SECTION
 NB LOCAL LANES**
 STA 4489+98.51 TO STA 4498+48.67
 STA 4505+54.04 TO STA 4508+72.54



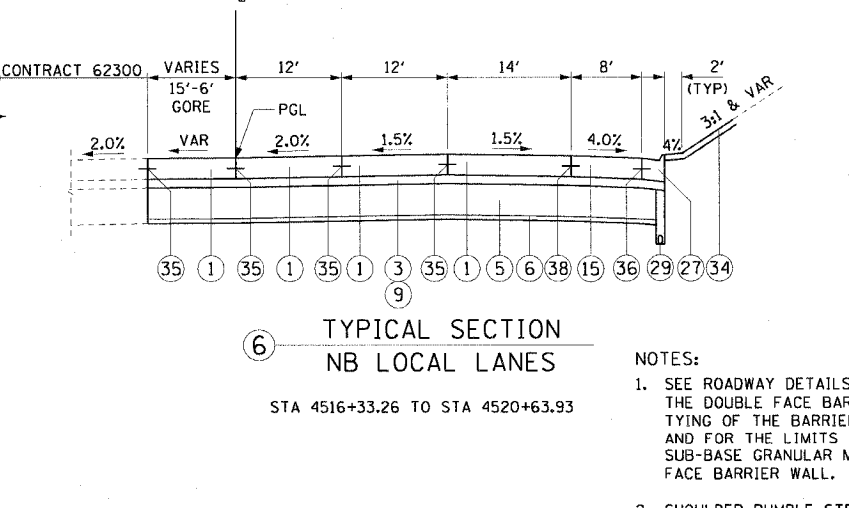
**② TYPICAL SECTION
 NB LOCAL LANES**
 STA 4476+70.62 TO STA 4479+82.88
 STA 4498+48.67 TO STA 4500+98.17
 STA 4502+70.87 TO STA 4505+54.04
 STA 4514+05.49 TO STA 4516+33.26



**⑤ TYPICAL SECTION
 NB LOCAL LANES**
 STA 4500+98.17 TO STA 4502+70.87



**③ TYPICAL SECTION
 NB LOCAL LANES**
 STA 4487+49.16 TO STA 4489+98.51
 STA 4508+72.54 TO STA 4514+05.49

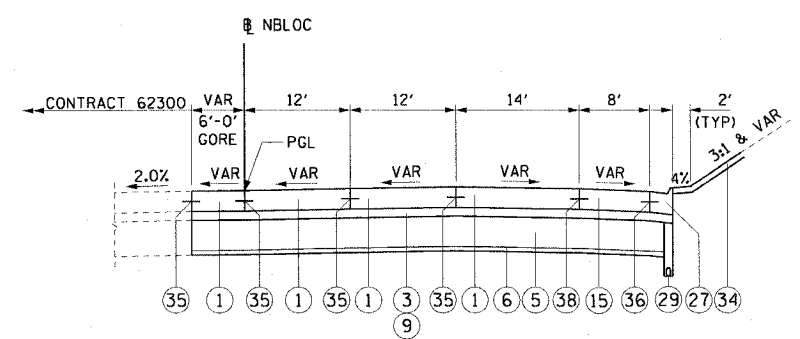


**⑥ TYPICAL SECTION
 NB LOCAL LANES**
 STA 4516+33.26 TO STA 4520+63.93



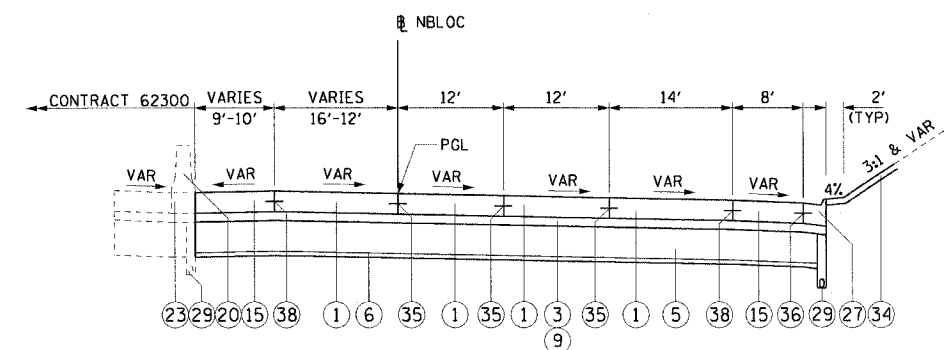
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	21
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-IP) R-10				



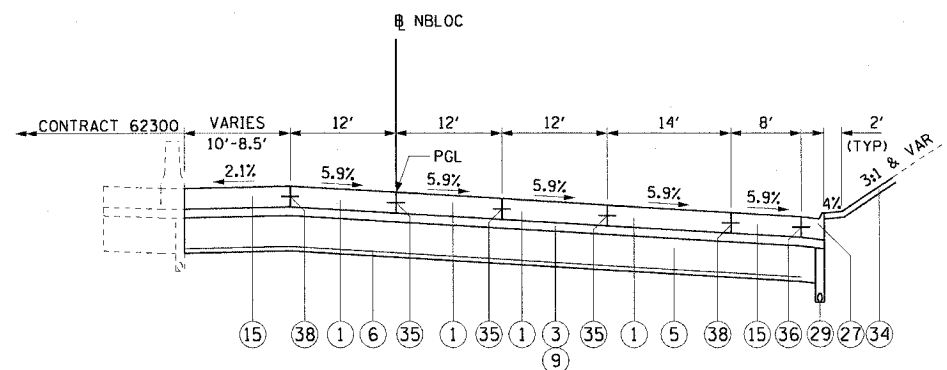
① TYPICAL SECTION NB LOCAL LANES

STA 4520+63.93 TO STA 4522+81.63
 SUPERELEVATION TRANSITION: STA 4521+13.42 TO STA 4524+55.42



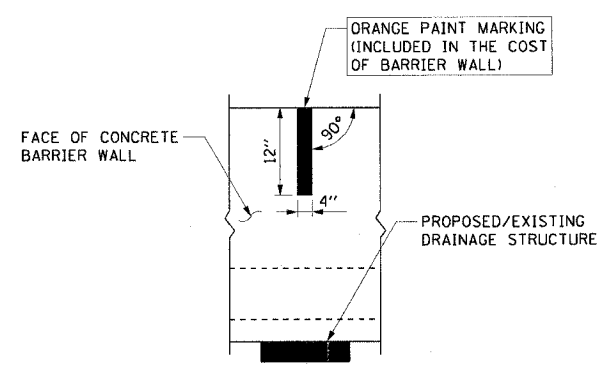
② TYPICAL SECTION NB LOCAL LANES

STA 4522+81.63 TO STA 4524+55.42
 SUPERELEVATION TRANSITION: STA 4521+13.42 TO STA 4524+55.42

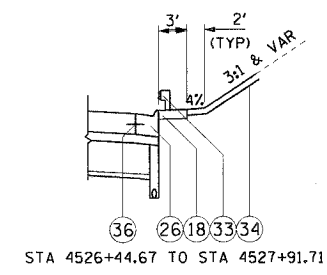


③ TYPICAL SECTION NB LOCAL LANES

STA 4524+55.42 TO STA 4529+00.00
 FULL SUPERELEVATION: STA 4524+55.42 TO STA 4531+19.88 (5.9% RT)



CONCRETE BARRIER WALL MARKING AT DRAINAGE STRUCTURE
 PLACE ON BARRIER WALL CONSTRUCTED ADJACENT TO ALL PROPOSED AND/OR EXISTING DRAINAGE STRUCTURES



STRUCTURAL PAVEMENT DESIGN FOR MAINLINE

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

PROPOSED LEGEND:

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- ③ BITUMINOUS STABILIZED SUB-BASE, 6"
- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- ⑥ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑨ BITUMINOUS MATERIALS (PRIME COAT)
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 14"
- ⑱ CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- ⑳ CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- ㉑ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- ㉓ BARRIER BASE
- ㉔ BARRIER WALL MARKERS, TYPE C (80' C-C)
- ㉖ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- ㉗ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ㉘ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
- ㉙ PIPE UNDERDRAINS 6"
- ㉛ GUARDRAIL
- ㉜ TOPSOIL FURNISH AND PLACE / SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
- ㉝ LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF CONTINUOUSLY REINFORCED PCC PAVEMENT 14")
- ㉞ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB CONC CURB AND GUTTER TYPE)
- ㉟ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 30" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE PCC SHOULDER TYPE)

NOTES:

1. SEE ROADWAY DETAILS FOR VARIABLE HEIGHT OF THE DOUBLE FACE BARRIER WALL AND FOR THE TYING OF THE BARRIER BASE TO THE PCC SHOULDER AND FOR THE LIMITS OF CONSTRUCTION OF THE SUB-BASE GRANULAR MATERIAL UNDER THE DOUBLE FACE BARRIER WALL.
2. SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
3. TYPICAL SECTIONS NEED TO BE VERIFIED WITH THE ROADWAY PLANS AS THEY ARE A REPRESENTATION OF THE PLANS. THEY DO NOT SHOW ALL CONFIGURATIONS, JUST THE MOST PREDOMINANT.

REVISIONS	
NAME	DATE

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

PROPOSED TYPICAL SECTIONS
 NORTHBOUND LOCAL LANES

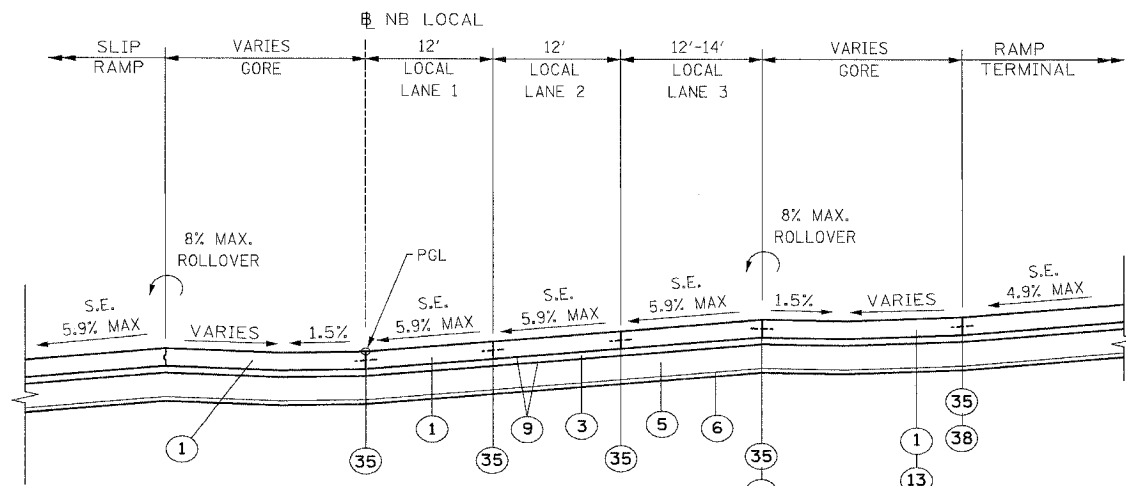
SCALE: H:1"=10' V:1"=5'
 DATE: June 9, 2006

DRAWN BY: NJH
 CHECKED BY: RMG

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	22
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62301	*(2021-922 PT2 ETC 2324.6-1P) R-10			

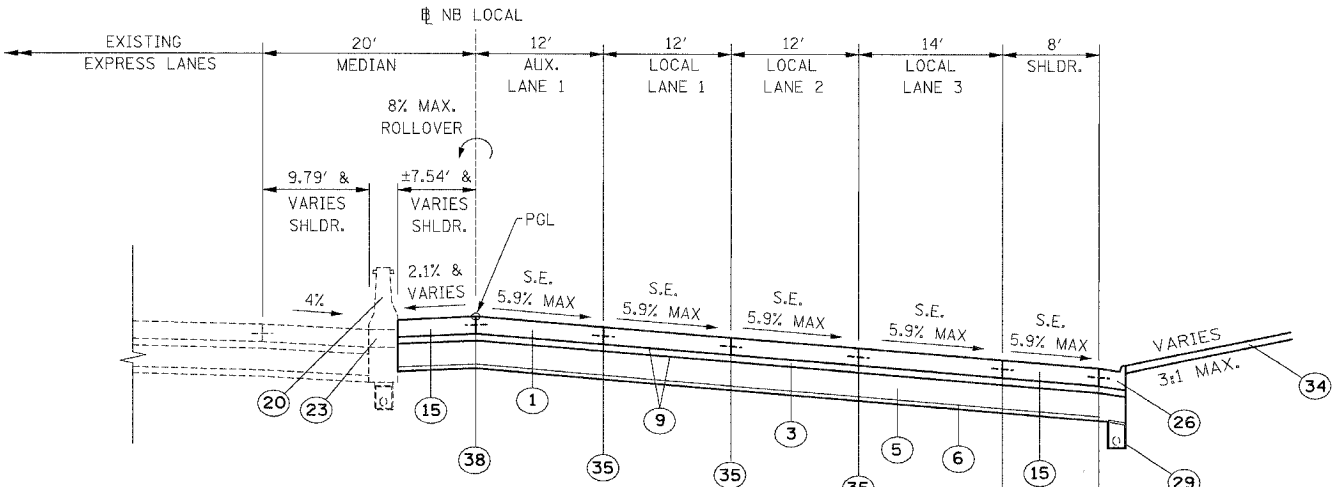
PROPOSED LEGEND

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- ② STABILIZED SUB-BASE 4"
- ③ STABILIZED SUB-BASE 6"
- ④ SUB-BASE GRANULAR MATERIAL, TYPE B 6"
- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- ⑥ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑦ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N70, 1 1/2"
- ⑧ POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 1"
- ⑨ BITUMINOUS MATERIALS (PRIME COAT)
- ⑩ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑪ PORTLAND CEMENT CONCRETE BASE COURSE 9 1/2"
- ⑫ PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- ⑬ PORTLAND CEMENT CONCRETE SHOULDERS 11"
- ⑭ NOT USED
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 14"
- ⑯ CONCRETE GUTTER, TYPE B
- ⑰ CONCRETE MEDIAN SURFACE, 5" (MODIFIED)
- ⑱ CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- ⑲ CONCRETE MEDIAN SURFACE, 6"
- ⑳ CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- ㉑ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- ㉒ CHAIN LINK FENCE, 4" (SPECIAL)
- ㉓ BARRIER BASE
- ㉔ BARRIER WALL MARKERS, TYPE C (80' C-C)
- ㉕ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ㉖ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- ㉗ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ㉘ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
- ㉙ PIPE UNDERDRAINS 6"
- ㉚ RETAINING WALL
- ㉛ MODIFIED EXISTING RETAINING WALL
- ㉜ SAND BACKFILL
- ㉝ GUARDRAIL
- ㉞ TOPSOIL FURNISH AND PLACE 4" ; SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
- ㉟ LONGITUDINAL SAWED OR CONSTRUCTION JOINT, FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF C.R.P.C.C. PAVEMENT 14")
- ㊱ LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB. CONC. CURB AND GUTTER TYPE)
- ㊲ LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF P.C.C. BASE COURSE 9")
- ㊳ LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 30" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE P.C.C. SHOULDERS TYPE)



PROPOSED LOCAL LANES

STA. 4536+66.66 TO 4541+90.43 - SUPERELEVATION = 5.9%
 (SUPERELEVATION TRANSITION SECTION FROM STA. 4541+90.43 TO 4546+51.92 IS SIMILAR)



PROPOSED LOCAL LANES

STA. 4529+00 TO STA. 4531+18.51 - SUPERELEVATION = 5.9%
 (SUPERELEVATION TRANSITION SECTION FROM STA. 4531+18.51 TO STA. 4536+66.66 IS SIMILAR)

MAINLINE:

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:	
SSR= 2.00	

- NOTES:
- SEE ROADWAY DETAILS FOR VARIABLE HEIGHT OF THE DOUBLE FACE BARRIER WALL AND FOR THE TYING OF THE BARRIER BASE TO THE PCC SHOULDER AND FOR THE LIMITS OF CONSTRUCTION OF THE SUB-BASE GRANULAR MATERIAL UNDER THE DOUBLE FACE BARRIER WALL.
 - SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
 - TYPICAL SECTIONS NEED TO BE VERIFIED WITH THE ROADWAY PLANS AS THEY ARE A REPRESENTATION OF THE PLANS. THEY DO NOT SHOW ALL CONFIGURATIONS, JUST THE MOST PREDOMINANT.
- SEE PLAN SHEETS FOR DETAILS

REVISIONS	
NAME	DATE

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

PROPOSED TYPICAL SECTIONS

SCALE: NTS
 DATE: 06/09/06

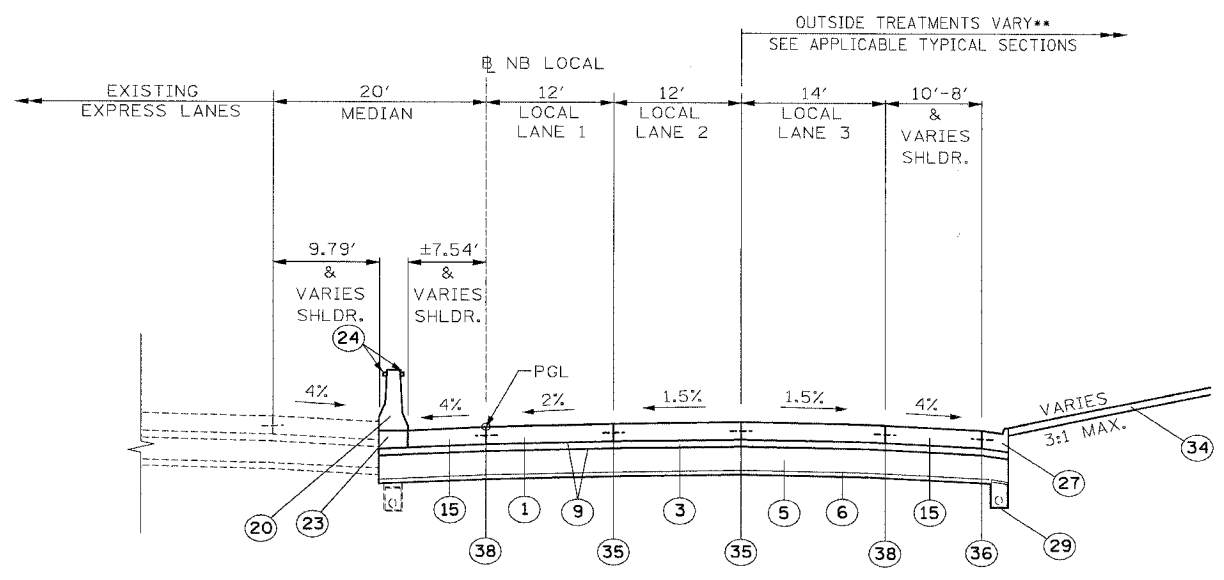
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 CHECKED BY: RS

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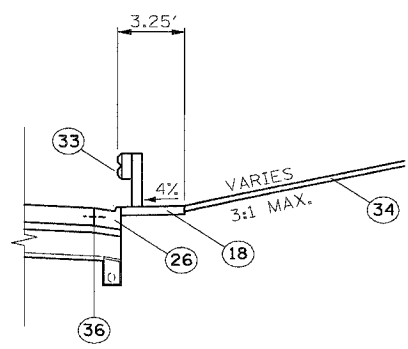
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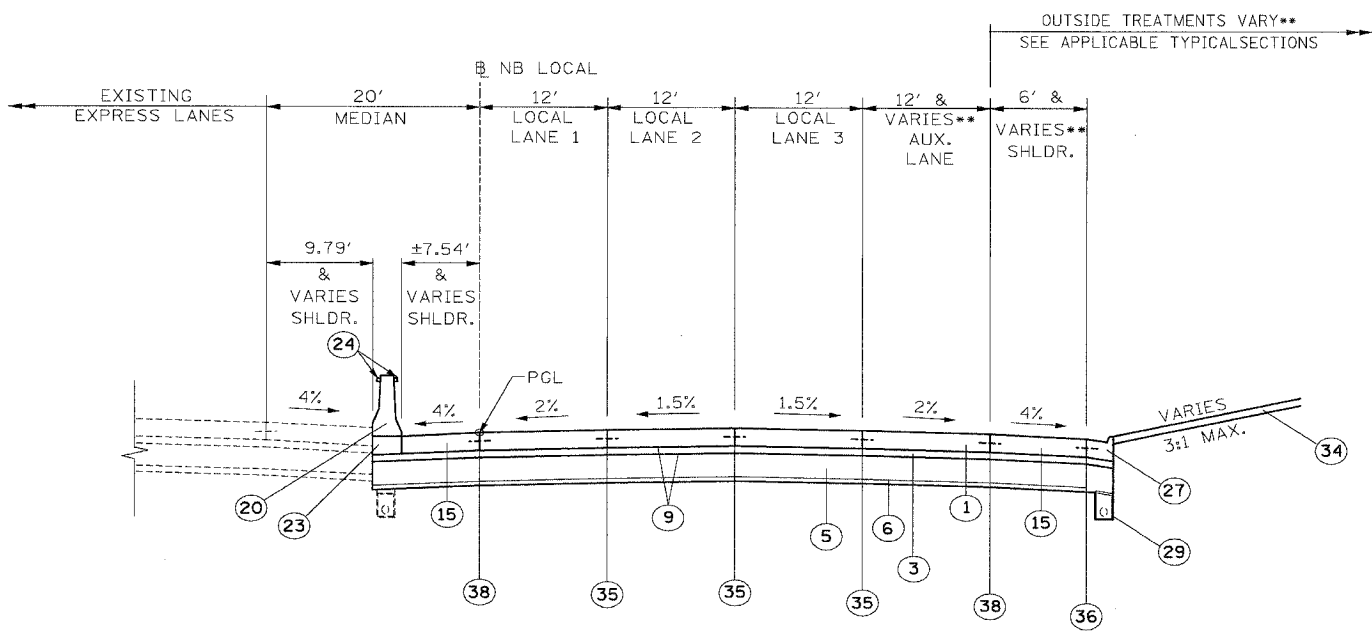
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	23
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*(2021-922 PT2 ETC 2324.6-1P) R-10			



PROPOSED LOCAL LANES
STA. 4546+51.92 TO 4621+95.71



PROPOSED GUARDRAIL
STA. 4542+72.57 TO 4545+15.00
STA. 4553+91.45 TO 4556+05.48
STA. 4563+70.74 TO 4565+96.23
STA. 4567+97.84 TO 4571+03.58
STA. 4580+08.63 TO 4582+24.50
STA. 4606+07.70 TO 4608+96.85



PROPOSED LOCAL LANES WITH AUXILIARY LANE
STA. 4546+51.92 TO 4554+69.29
STA. 4568+20.79 TO 4577+27.26
STA. 4621+95.71 TO 4634+58.10

PROPOSED LEGEND

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- ② STABILIZED SUB-BASE 4"
- ③ STABILIZED SUB-BASE 6"
- ④ SUB-BASE GRANULAR MATERIAL, TYPE B 6"
- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- ⑥ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑦ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N70, 1 1/2"
- ⑧ POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 1"
- ⑨ BITUMINOUS MATERIALS (PRIME COAT)
- ⑩ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑪ PORTLAND CEMENT CONCRETE BASE COURSE 9 1/2"
- ⑫ PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- ⑬ PORTLAND CEMENT CONCRETE SHOULDERS 11"
- ⑭ NOT USED
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 14"
- ⑯ CONCRETE GUTTER, TYPE B
- ⑰ CONCRETE MEDIAN SURFACE, 5" (MODIFIED)
- ⑱ CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- ⑲ CONCRETE MEDIAN SURFACE, 6"
- ⑳ CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- ㉑ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- ㉒ CHAIN LINK FENCE, 4' (SPECIAL)
- ㉓ BARRIER BASE
- ㉔ BARRIER WALL MARKERS, TYPE C (80' C-C)
- ㉕ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ㉖ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- ㉗ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ㉘ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
- ㉙ PIPE UNDERDRAINS 6"
- ㉚ RETAINING WALL
- ㉛ MODIFIED EXISTING RETAINING WALL
- ㉜ SAND BACKFILL
- ㉝ GUARDRAIL
- ㉞ TOPSOIL FURNISH AND PLACE 4" : SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
- ㉟ LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF C.R.P.C.C. PAVEMENT 14")
- ㊱ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB. CONC. CURB AND GUTTER TYPE)
- ㊲ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF P.C.C. BASE COURSE 9")
- ㊳ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 30" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE P.C.C. SHOULDERS TYPE)

MAINLINE:

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:	SSR= 2.00

- NOTES:**
- SEE ROADWAY DETAILS FOR VARIABLE HEIGHT OF THE DOUBLE FACE BARRIER WALL AND FOR THE TYING OF THE BARRIER BASE TO THE PCC SHOULDER AND FOR THE LIMITS OF CONSTRUCTION OF THE SUB-BASE GRANULAR MATERIAL UNDER THE DOUBLE FACE BARRIER WALL.
 - SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
 - TYPICAL SECTIONS NEED TO BE VERIFIED WITH THE ROADWAY PLANS AS THEY ARE A REPRESENTATION OF THE PLANS. THEY DO NOT SHOW ALL CONFIGURATIONS, JUST THE MOST PREDOMINANT.
- SEE PLAN SHEETS FOR DETAILS

REVISIONS	
NAME	DATE

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

PROPOSED TYPICAL SECTIONS

SCALE: NTS
DATE: 06/09/06

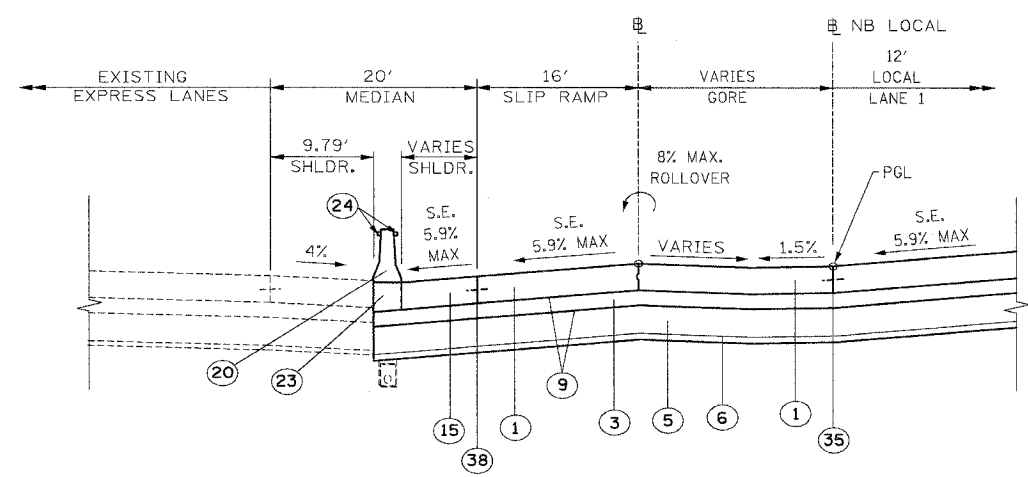
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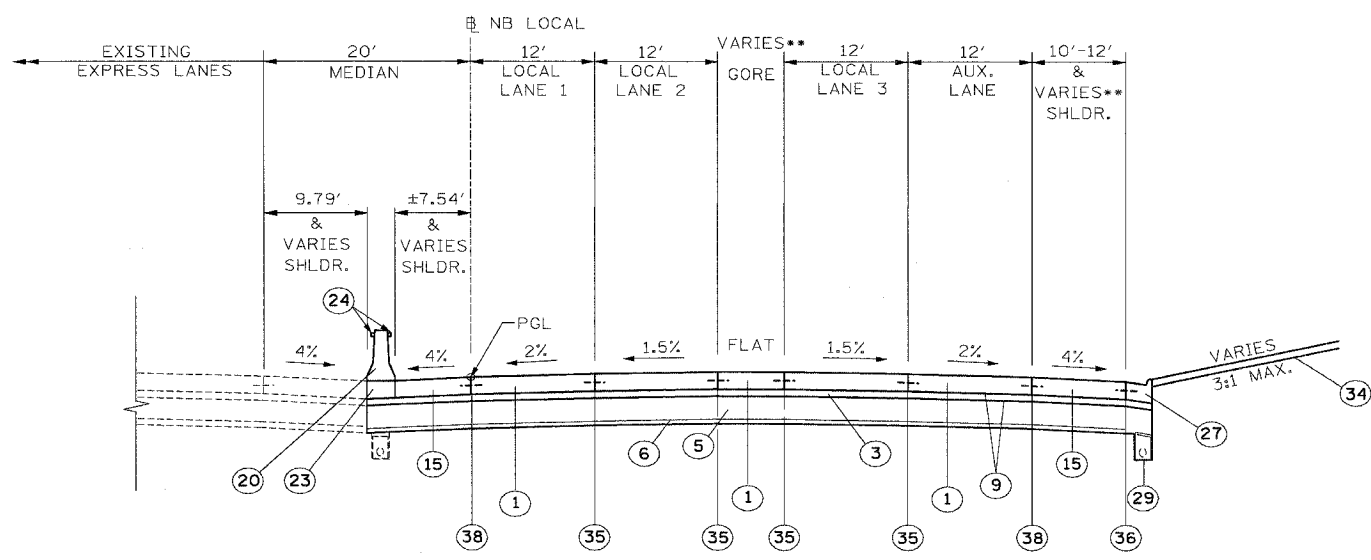
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	24
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*2021-922 PT2 ETC 2324.6-1P) R-10			



PROPOSED SLIP RAMP

STA. 810+67.35 TO 815+65 - SUPERELEVATION = 5.9%

(SUPERELEVATION TRANSITION SECTION FROM STA. 810+00 TO 810+67.35 IS SIMILAR)



PROPOSED LOCAL LANE DIVERGENCE

STA. 4634+58.1 TO 4638+05

MAINLINE:

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

- NOTES:
- SEE ROADWAY DETAILS FOR VARIABLE HEIGHT OF THE DOUBLE FACE BARRIER WALL AND FOR THE TYING OF THE BARRIER BASE TO THE PCC SHOULDER AND FOR THE LIMITS OF CONSTRUCTION OF THE SUB-BASE GRANULAR MATERIAL UNDER THE DOUBLE FACE BARRIER WALL.
 - SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
 - TYPICAL SECTIONS NEED TO BE VERIFIED WITH THE ROADWAY PLANS AS THEY ARE A REPRESENTATION OF THE PLANS. THEY DO NOT SHOW ALL CONFIGURATIONS, JUST THE MOST PREDOMINANT.
- ** SEE PLAN SHEETS FOR DETAILS

PROPOSED LEGEND

- CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- STABILIZED SUB-BASE 4"
- STABILIZED SUB-BASE 6"
- SUB-BASE GRANULAR MATERIAL, TYPE B 6"
- SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N70, 1 1/2"
- POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 1"
- BITUMINOUS MATERIALS (PRIME COAT)
- STRIP REFLECTIVE CRACK CONTROL TREATMENT
- PORTLAND CEMENT CONCRETE BASE COURSE 9 1/2"
- PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- PORTLAND CEMENT CONCRETE SHOULDERS 11"
- NOT USED
- PORTLAND CEMENT CONCRETE SHOULDERS 14"
- CONCRETE GUTTER, TYPE B
- CONCRETE MEDIAN SURFACE, 5" (MODIFIED)
- CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- CONCRETE MEDIAN SURFACE, 6"
- CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- CHAIN LINK FENCE, 4' (SPECIAL)
- BARRIER BASE
- BARRIER WALL MARKERS, TYPE C (80' C-C)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
- PIPE UNDERDRAINS 6"
- RETAINING WALL
- MODIFIED EXISTING RETAINING WALL
- SAND BACKFILL
- GUARDRAIL
- TOPSOIL FURNISH AND PLACE 4" : SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
- LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF C.R.P.C.C. PAVEMENT 14")
- LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB. CONC. CURB AND GUTTER TYPE)
- LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF P.C.C. BASE COURSE 9")
- LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 30" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE P.C.C. SHOULDERS TYPE)

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REVISIONS	
NAME	DATE
REVISED	6/23/06

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

PROPOSED TYPICAL SECTIONS

SCALE: NTS
DATE: 06/09/06

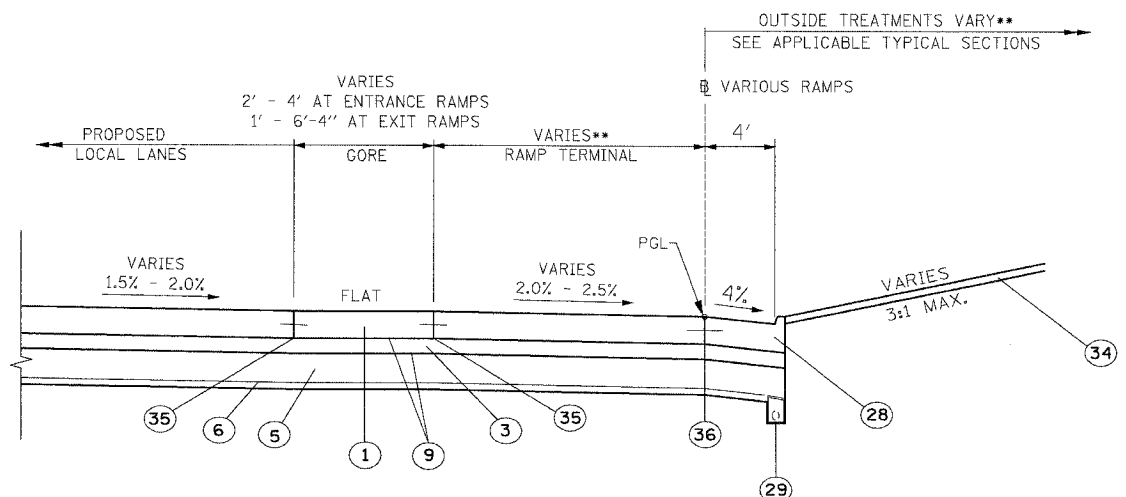
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CHECKED BY: RS

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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	25
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*(2021-922 PT2 ETC 2324.6-1P) R-10			

PROPOSED LEGEND

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- ② STABILIZED SUB-BASE 4"
- ③ STABILIZED SUB-BASE 6"
- ④ SUB-BASE GRANULAR MATERIAL, TYPE B 6"
- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- ⑥ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑦ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N70, 1 1/2"
- ⑧ POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 1"
- ⑨ BITUMINOUS MATERIALS (PRIME COAT)
- ⑩ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑪ PORTLAND CEMENT CONCRETE BASE COURSE 9 1/2"
- ⑫ PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- ⑬ PORTLAND CEMENT CONCRETE SHOULDERS 11"
- ⑭ NOT USED
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 14"
- ⑯ CONCRETE GUTTER, TYPE B
- ⑰ CONCRETE MEDIAN SURFACE, 5" (MODIFIED)
- ⑱ CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- ⑲ CONCRETE MEDIAN SURFACE, 6"
- ⑳ CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- ㉑ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- ㉒ CHAIN LINK FENCE, 4' (SPECIAL)
- ㉓ BARRIER BASE
- ㉔ BARRIER WALL MARKERS, TYPE C (80' C-C)
- ㉕ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ㉖ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- ㉗ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ㉘ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
- ㉙ PIPE UNDERDRAINS 6"
- ㉚ RETAINING WALL
- ㉛ MODIFIED EXISTING RETAINING WALL
- ㉜ SAND BACKFILL
- ㉝ GUARDRAIL
- ㉞ TOPSOIL FURNISH AND PLACE 4" : SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
- ㉟ LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF C.R.P.C.C. PAVEMENT 14")
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- ㊲ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF P.C.C. BASE COURSE 9")
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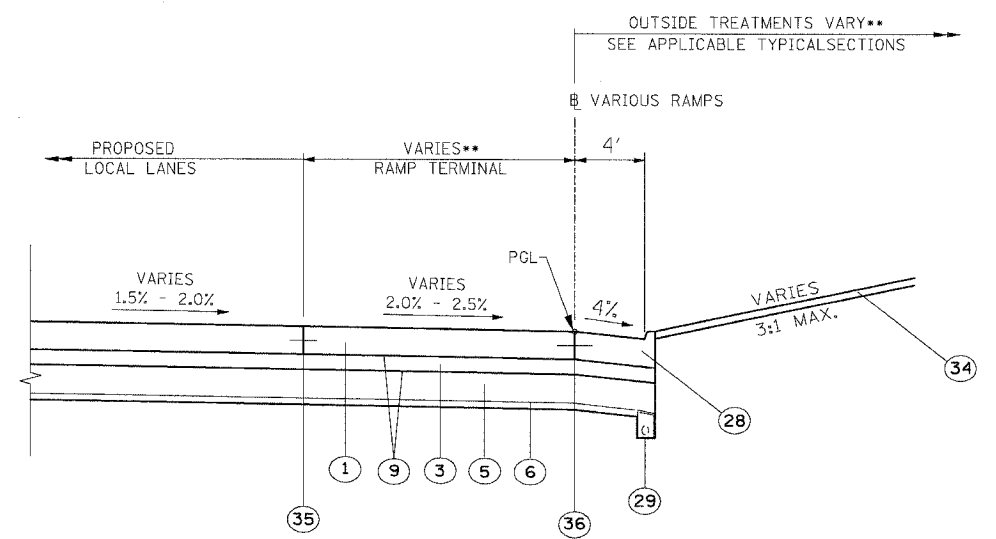


CRC PORTION OF LOCAL LANE RAMP GORE

RAMP	STATION
47B	- 6067+60.90 TO 6067+93.79
43D	- 8052+82.88 TO 8053+44.04
43B	- 6047+20.50 TO 6047+87.94
39C	- 8042+80.06 TO 8043+46.16
T35C	- 8022+17.35 TO 8022+78.44
T39B	- 6025+68.75 TO 6026+50.58
35B	- 6006+98.87 TO 6007+58.68
31C	- 8001+94.40 TO 8002+55.49

MAINLINE:

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:	SSR= 2.00



CRC LOCAL LANE RAMP TERMINAL

RAMP	STATION
47B	- 6067+93.79 TO 6069+64.12
43D	- 8051+00 TO 8052+82.88
43B	- 6047+87.94 TO 6050+27.76
39C	- 8040+00 TO 8042+80.06
T35C	- 8020+34.47 TO 8022+17.35
T39B	- 6026+50.58 TO 6033+30.58
35B	- 6007+58.68 TO 6009+98.58
31C	- 8000+11.68 TO 8001+94.40

NOTES:

- SEE ROADWAY DETAILS FOR VARIABLE HEIGHT OF THE DOUBLE FACE BARRIER WALL AND FOR THE TYING OF THE BARRIER BASE TO THE PCC SHOULDER AND FOR THE LIMITS OF CONSTRUCTION OF THE SUB-BASE GRANULAR MATERIAL UNDER THE DOUBLE FACE BARRIER WALL.
- SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
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** SEE PLAN SHEETS FOR DETAILS

REVISIONS	
NAME	DATE

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

PROPOSED TYPICAL SECTIONS

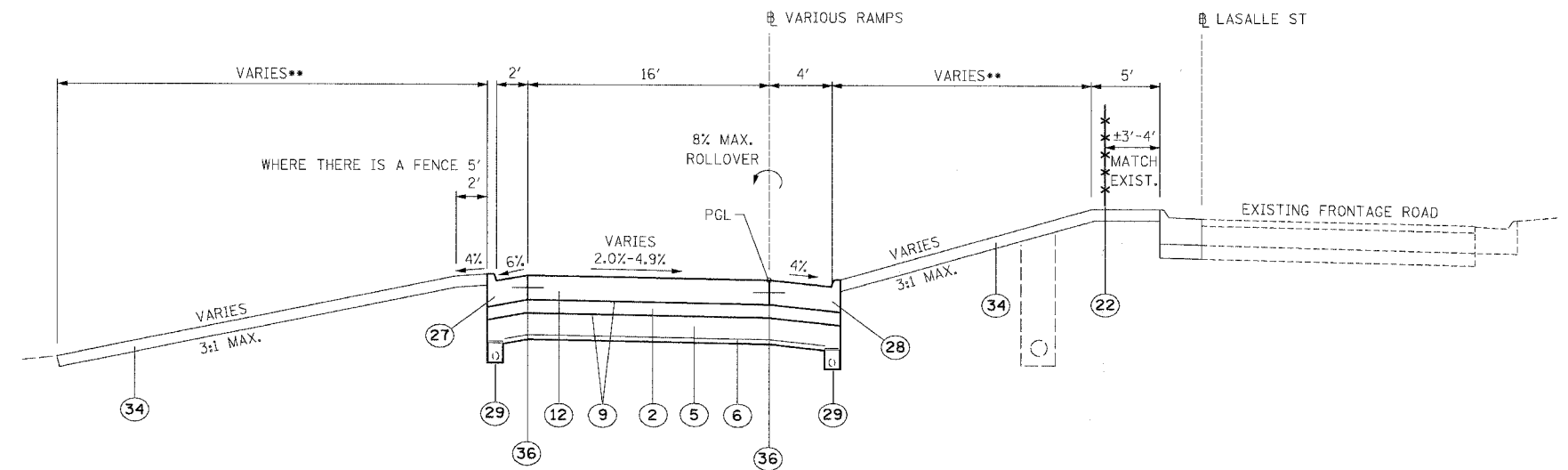
SCALE: NTS
DATE: 06/09/06

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CHECKED BY: RS

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PRYP-6

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PROPOSED LEGEND

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- ② STABILIZED SUB-BASE 4"
- ③ STABILIZED SUB-BASE 6"
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- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- ⑥ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑦ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N70, 1 1/2"
- ⑧ POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 1"
- ⑨ BITUMINOUS MATERIALS (PRIME COAT)
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- ⑪ PORTLAND CEMENT CONCRETE BASE COURSE 9 1/2"
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- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 14"
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- ⑰ CONCRETE MEDIAN SURFACE, 5" (MODIFIED)
- ⑱ CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- ⑲ CONCRETE MEDIAN SURFACE, 6"
- ⑳ CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- ㉑ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- ㉒ CHAIN LINK FENCE, 4" (SPECIAL)
- ㉓ BARRIER BASE
- ㉔ BARRIER WALL MARKERS, TYPE C (80' C-C)
- ㉕ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ㉖ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- ㉗ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ㉘ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
- ㉙ PIPE UNDERDRAINS 6"
- ㉚ RETAINING WALL
- ㉛ MODIFIED EXISTING RETAINING WALL
- ㉜ SAND BACKFILL
- ㉝ GUARDRAIL
- ㉞ TOPSOIL FURNISH AND PLACE 4" + SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
- ㉟ LONGITUDINAL SAWED OR CONSTRUCTION JOINT, FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF C.R.P.C.C. PAVEMENT 14")
- ㊱ LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB. CONC. CURB AND GUTTER TYPE)
- ㊲ LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF P.C.C. BASE COURSE 9')
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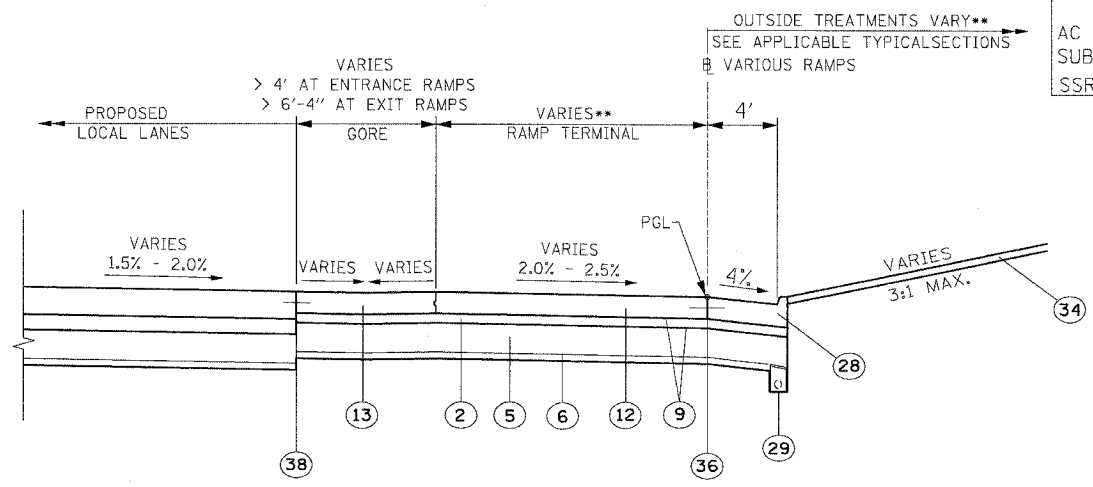
PROPOSED ONE LANE RAMP

RAMP	STATION	NOTES
47B	6060+19.89 TO 6064+73.20	⊗ (INVERT RAMP 47B GUTTER FLAG 2% ONTO RAMP PAVEMENT FROM FRONTAGE ROAD CURB AND GUTTER TO STA. 6060+41)
43D	8053+88.78 TO 8058+71.26	⊗⊙ (INVERT RAMP 43D GUTTER FLAG 2% ONTO RAMP PAVEMENT FROM STA 8058+60 TO FRONTAGE ROAD CURB AND GUTTER)
43B	6040+67.30 TO 6045+41.66	⊗ (INVERT RAMP 43B GUTTER FLAG 2% ONTO RAMP PAVEMENT FROM FRONTAGE ROAD CURB AND GUTTER TO STA 6040+99)
39C	8043+87.00 TO 8050+40.99	⊙
T35C	8024+07.51 TO 8024+43.44	⊙
T39B	6022+98.98 TO 6023+50.34	⊙
35B	6004+13.87 TO 6004+72.35	⊙
31C	(EXISTING TO REMAIN IN PLACE)	⊙⊙

⊗ SEE "PROPOSED TYPICAL INSIDE RAMP SHOULDER TREATMENT WITH RETAINING WALL" FOR LEFT SIDE TREATMENT.
 ⊙ SEE "EARTH RETAINING RAMP BARRIER WALL" FOR RIGHT SIDE TREATMENT.

RAMPS:

STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV= 16,758	SU= 532
ROAD/STREET CLASSIFICATION:	CLASS 1
P= 100%	S= 100%
TRAFFIC FACTOR:	ACTUAL TF= 38.10
	MINIMUM TF= 16.75
AC GRADE:	BINDER:= -
SUBGRADE SUPPORT RATING:	SURFACE:= -
SSR= 2.00	



JOINTED PORTION OF LOCAL LANE RAMP GORE

RAMP	STATION
47B	6064+73.20 TO 6067+60.90
43D	8053+44.04 TO 8053+88.78
43B	6045+41.66 TO 6047+20.50
39C	8043+46.16 TO 8043+87.00
T35C	8022+78.44 TO 8024+07.51
T39B	6023+50.34 TO 6025+68.75
35B	6004+72.35 TO 6006+98.87
31C	8002+55.49 TO 8004+20.57

NOTES:

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** SEE PLAN SHEETS FOR DETAILS

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 312.228.0100
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REVISIONS	
NAME	DATE

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

PROPOSED TYPICAL SECTIONS

SCALE: NTS
 DATE: 06/09/06

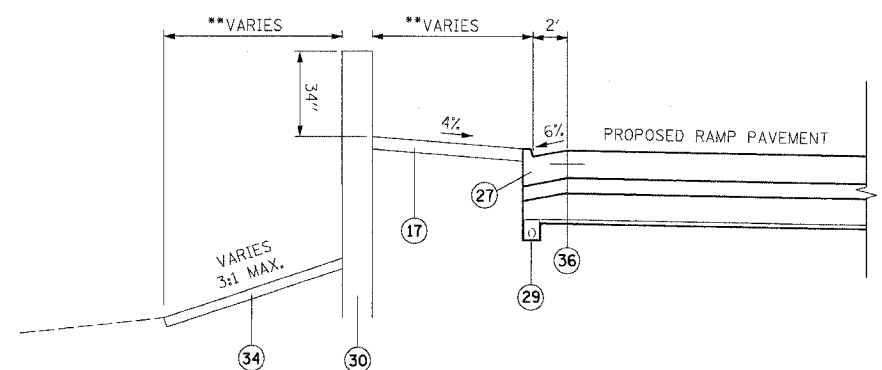
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 CHECKED BY: RS

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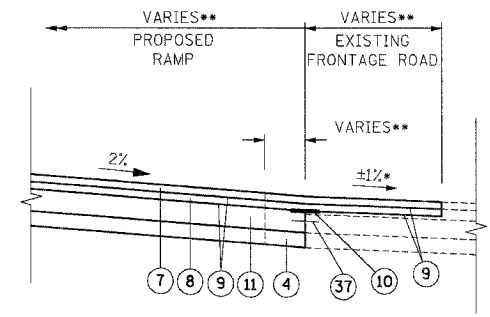
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	27
STA. TO STA.		ILLINOIS FED. AID PROJECT		
62301		*2021-922 P12 ETC 2324.6-1P) R-10		



PROPOSED TYPICAL INSIDE RAMP SHOULDER TREATMENT WITH RETAINING WALL

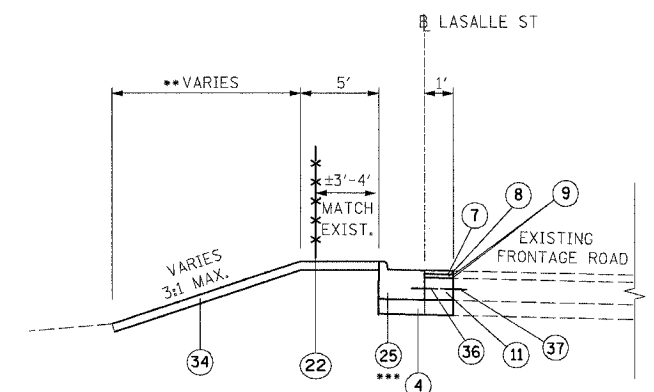
RAMP	STATION
47B	- 6059+26 TO 6063+10.3
43D	- 8056+05 TO 8059+16.5

(INVERT RAMP 43D GUTTER FLAG 2% ONTO RAMP PAVEMENT FROM STA 8058+60.36 TO FRONTAGE ROAD CURB AND GUTTER)



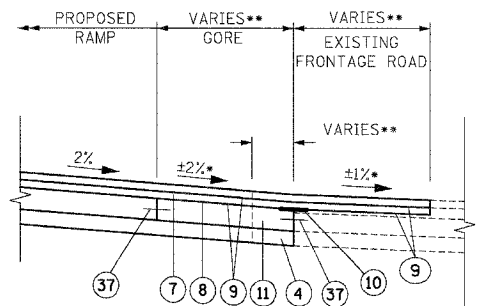
FRONTAGE ROAD RAMP TERMINAL

RAMP	STATION
47B	- 213+31.28 TO 214+52.22
43D	- 235+81.05 TO 237+14.07
43B	- 239+07.02 TO 239+96.74
39C	- (SEE "PROPOSED FRONTAGE ROAD PARTIAL RECONSTRUCTION")



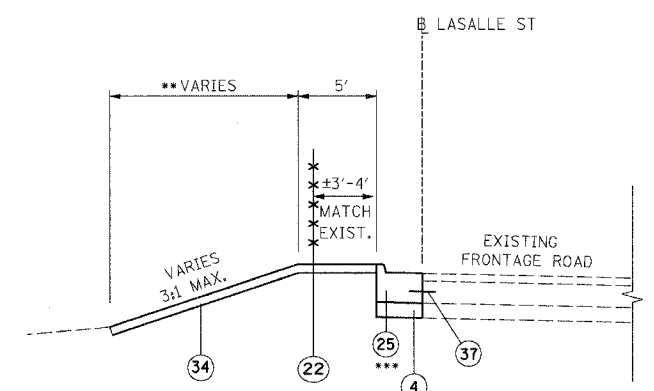
PROPOSED FRONTAGE ROAD C&G RECONSTRUCTION

STA. 219+97 TO 221+23



FRONTAGE ROAD RAMP GORE

RAMP	STATION
47B	- 214+52.40 TO 215+46.10
43D	- 235+27.16 TO 235+81.05
43B	- 239+96.74 TO 240+67.31
39C	- 261+75.08 TO 262+39.81



PROPOSED FRONTAGE ROAD PAVEMENT REDUCTION

STA. 215+94.3 TO 219+97

PROPOSED LEGEND

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- ② STABILIZED SUB-BASE 4"
- ③ STABILIZED SUB-BASE 6"
- ④ SUB-BASE GRANULAR MATERIAL, TYPE B 6"
- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- ⑥ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑦ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N70, 1 1/2"
- ⑧ POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 1"
- ⑨ BITUMINOUS MATERIALS (PRIME COAT)
- ⑩ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑪ PORTLAND CEMENT CONCRETE BASE COURSE 9 1/2"
- ⑫ PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- ⑬ PORTLAND CEMENT CONCRETE SHOULDERS 11"
- ⑭ NOT USED
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 14"
- ⑯ CONCRETE GUTTER, TYPE B
- ⑰ CONCRETE MEDIAN SURFACE, 5" (MODIFIED)
- ⑱ CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- ⑲ CONCRETE MEDIAN SURFACE, 6"
- ⑳ CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- ㉑ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- ㉒ CHAIN LINK FENCE, 4" (SPECIAL)
- ㉓ BARRIER BASE
- ㉔ BARRIER WALL MARKERS, TYPE C (80' C-C)
- ㉕ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ㉖ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- ㉗ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ㉘ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
- ㉙ PIPE UNDERDRAINS 6"
- ⑳ RETAINING WALL
- ㉑ MODIFIED EXISTING RETAINING WALL
- ㉒ SAND BACKFILL
- ㉓ GUARDRAIL
- ㉔ TOPSOIL FURNISH AND PLACE 4" : SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
- ㉕ LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF C.R.P.C.C. PAVEMENT 14")
- ㉖ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB. CONC. CURB AND GUTTER TYPE)
- ㉗ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF P.C.C. BASE COURSE 9")
- ㉘ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 30" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE P.C.C. SHOULDERS TYPE)

- NOTES:
1. SEE ROADWAY DETAILS FOR VARIABLE HEIGHT OF THE DOUBLE FACE BARRIER WALL AND FOR THE TYING OF THE BARRIER BASE TO THE PCC SHOULDER AND FOR THE LIMITS OF CONSTRUCTION OF THE SUB-BASE GRANULAR MATERIAL UNDER THE DOUBLE FACE BARRIER WALL.
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- SEE PLAN SHEETS FOR DETAILS

REVISIONS	
NAME	DATE
REVISED	6/23/06

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

PROPOSED TYPICAL SECTIONS
 SCALE: NTS
 DATE: 06/09/06
 DRAWN BY: JDC
 CHECKED BY: RS

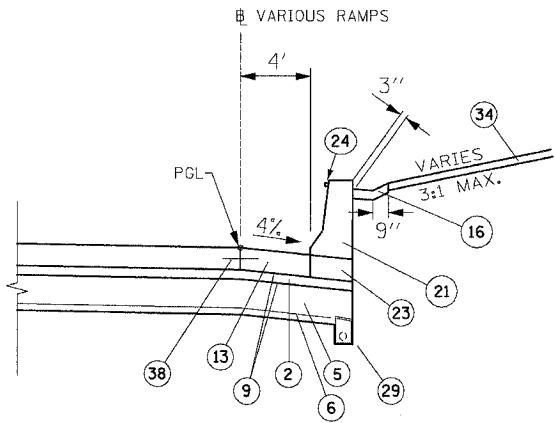
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PRTYP-8
 94/90/27
 6/23/2006

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	28
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*I2021-922 PT2 ETC 2324.6-1P) R-10			

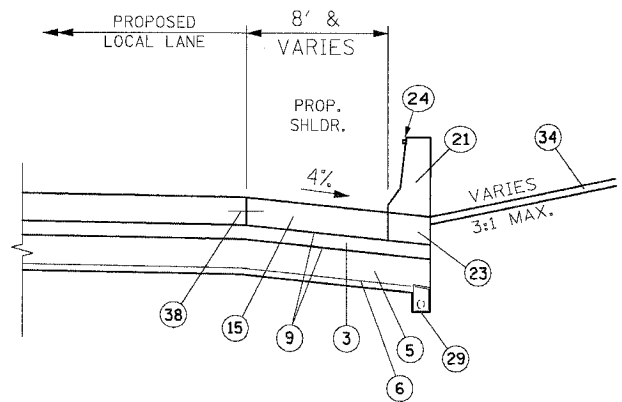
PROPOSED LEGEND

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- ② STABILIZED SUB-BASE 4"
- ③ STABILIZED SUB-BASE 6"
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- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- ⑥ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑦ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N70, 1 1/2"
- ⑧ POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 1"
- ⑨ BITUMINOUS MATERIALS (PRIME COAT)
- ⑩ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑪ PORTLAND CEMENT CONCRETE BASE COURSE 9 1/2"
- ⑫ PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- ⑬ PORTLAND CEMENT CONCRETE SHOULDERS 11"
- ⑭ NOT USED
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 14"
- ⑯ CONCRETE GUTTER, TYPE B
- ⑰ CONCRETE MEDIAN SURFACE, 5" (MODIFIED)
- ⑱ CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- ⑲ CONCRETE MEDIAN SURFACE, 6"
- ⑳ CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- ㉑ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- ㉒ CHAIN LINK FENCE, 4' (SPECIAL)
- ㉓ BARRIER BASE
- ㉔ BARRIER WALL MARKERS, TYPE C (80' C-C)
- ㉕ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ㉖ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- ㉗ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ㉘ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
- ㉙ PIPE UNDERDRAINS 6"
- ㉚ RETAINING WALL
- ㉛ MODIFIED EXISTING RETAINING WALL
- ㉜ SAND BACKFILL
- ㉝ GUARDRAIL
- ㉞ TOPSOIL FURNISH AND PLACE 4" : SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
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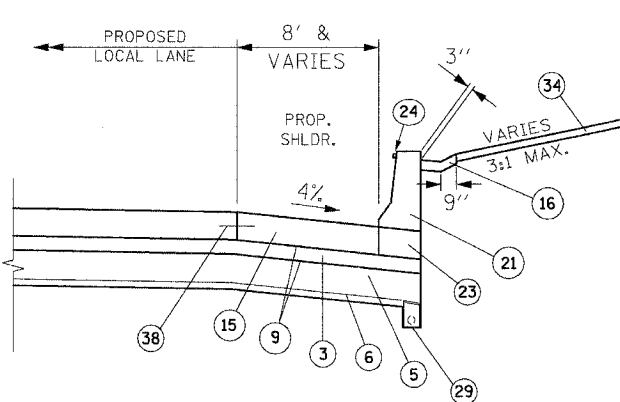


EARTH RETAINING RAMP BARRIER WALL

RAMP	STATION
43D	8051+00.00 TO 8058+24.98
T35C	8022+78.44 TO 8024+43.44
35B	6004+13.86 TO 6006+98.87
31C	8002+55.49 TO 8004+20.56

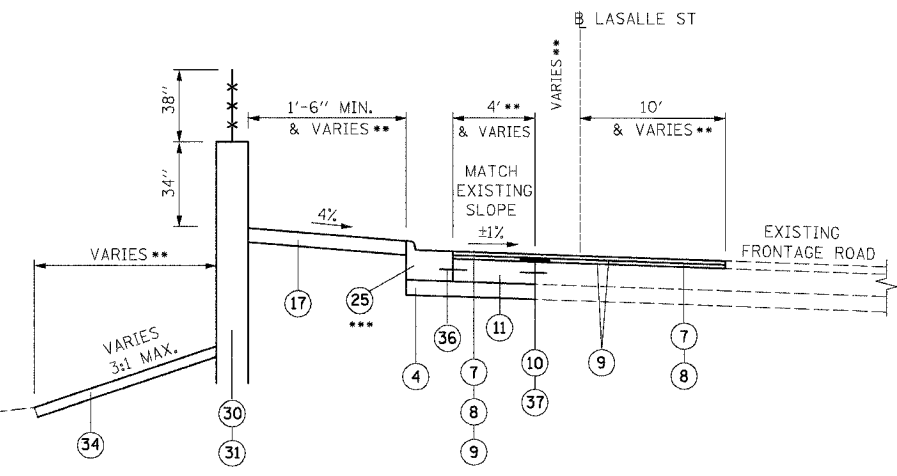


LOCAL LANE BARRIER WALL
STA. 4576+63 TO 4577+59



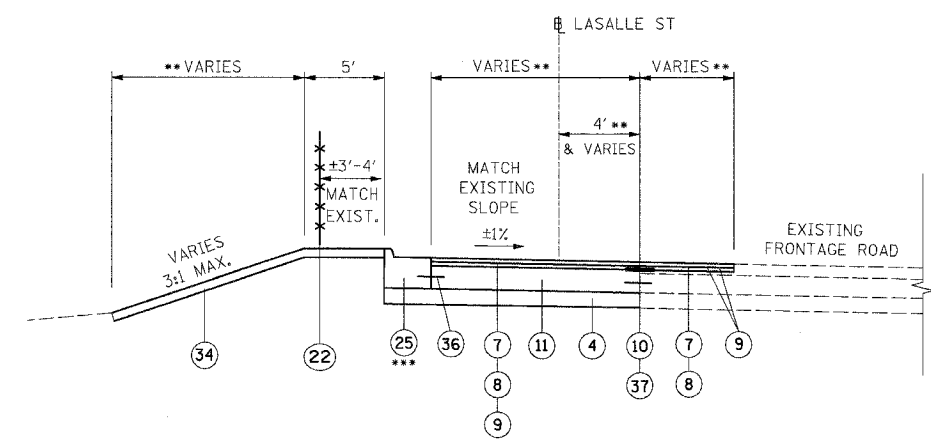
EARTH RETAINING LOCAL LANE BARRIER WALL

STA 4529+65.59 TO 4535+98.41
STA. 4545+39.98 TO 4545+64.00
STA. 4583+26.09 TO 4585+20.73
STA. 4618+96.22 TO 4622+22.14
STA. 4623+09.24 TO 4626+74.25



PROPOSED FRONTAGE ROAD PARTIAL RECONSTRUCTION WITH RETAINING WALL

STA. 211+39.8 TO 214+49.4
STA. 241+03.2 TO 245+35.2



PROPOSED FRONTAGE ROAD PARTIAL RECONSTRUCTION

STA. 215+46.10 TO 215+94.30
STA 233+15.00 TO 237+96.80
STA. 238+65.48 TO 239+07.02
STA. 245+35.18 TO 245+43.18
STA. 260+85.60 TO 261+75.08
STA. 262+39.81 TO 264+14.99

- NOTES:
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NAME	DATE

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

PROPOSED TYPICAL SECTIONS

SCALE: NTS
DATE: 06/09/06

DRAWN BY: JDC
CHECKED BY: RS

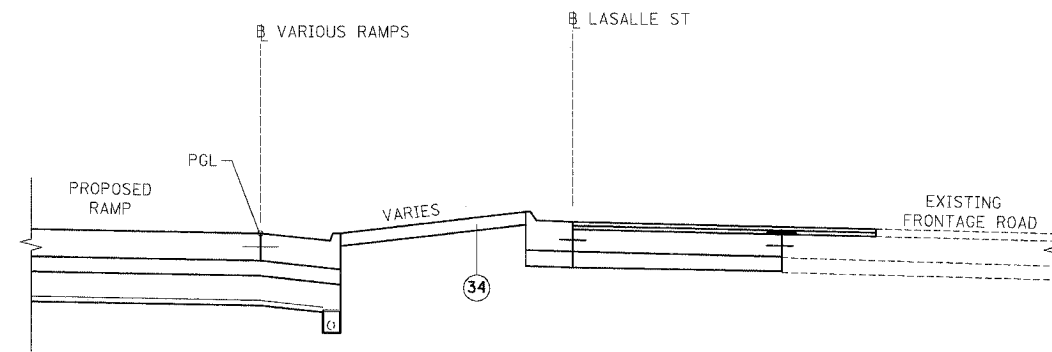
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	29
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*(2021-922 PT2 ETC 2324.6-1P) R-10			

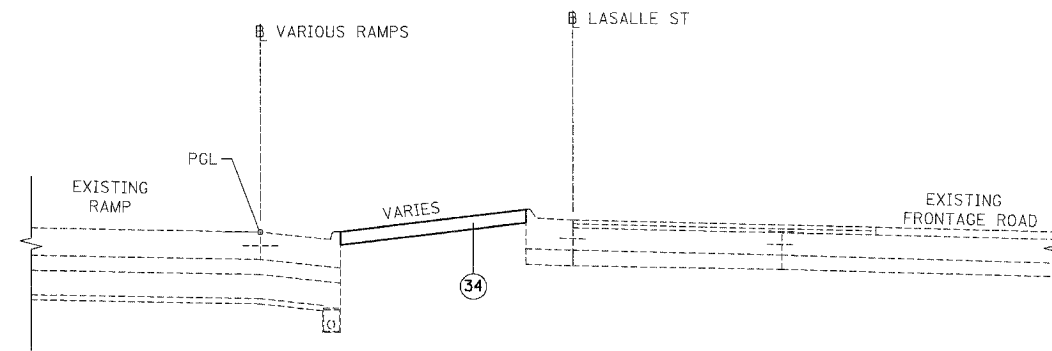
PROPOSED LEGEND

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- ② STABILIZED SUB-BASE 4"
- ③ STABILIZED SUB-BASE 6"
- ④ SUB-BASE GRANULAR MATERIAL, TYPE B 6"
- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- ⑥ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑦ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N70, 1/2"
- ⑧ POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 1"
- ⑨ BITUMINOUS MATERIALS (PRIME COAT)
- ⑩ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑪ PORTLAND CEMENT CONCRETE BASE COURSE 9 1/2"
- ⑫ PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- ⑬ PORTLAND CEMENT CONCRETE SHOULDERS 11"
- ⑭ NOT USED
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 14"
- ⑯ CONCRETE GUTTER, TYPE B
- ⑰ CONCRETE MEDIAN SURFACE, 5" (MODIFIED)
- ⑱ CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- ⑲ CONCRETE MEDIAN SURFACE, 6"
- ⑳ CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- ㉑ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- ㉒ CHAIN LINK FENCE, 4' (SPECIAL)
- ㉓ BARRIER BASE
- ㉔ BARRIER WALL MARKERS, TYPE C (80' C-C)
- ㉕ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ㉖ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- ㉗ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ㉘ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
- ㉙ PIPE UNDERDRAINS 6"
- ㉚ RETAINING WALL
- ㉛ MODIFIED EXISTING RETAINING WALL
- ㉜ SAND BACKFILL
- ㉝ GUARDRAIL
- ㉞ TOPSOIL FURNISH AND PLACE 4" : SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
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- ㊱ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB. CONC. CURB AND GUTTER TYPE)
- ㊲ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF P.C.C. BASE COURSE 9")
- ㊳ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 30" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE P.C.C. SHOULDERS TYPE)



PROPOSED UPPER RAMP GROUND TREATMENT

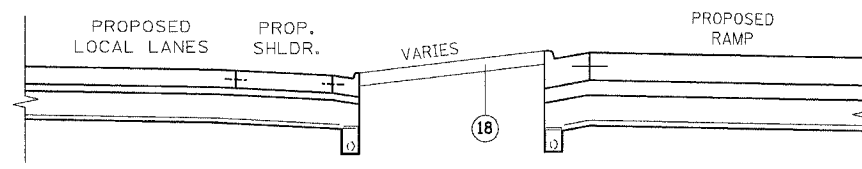
RAMPS: 47B, 43D, 39C



PROPOSED UPPER RAMP GROUND TREATMENT

RAMPS: T35C, T39B, 35B, 31C

RAMPS: 47B, 43D, 43B, 39C, T35C, T39B, 35B



PROPOSED LOWER RAMP GROUND TREATMENT

RAMPS: 47B, 43D, 43B, 39C, T35C, T39B, 35B

NOTES:

1. SEE ROADWAY DETAILS FOR VARIABLE HEIGHT OF THE DOUBLE FACE BARRIER WALL AND FOR THE TYING OF THE BARRIER BASE TO THE PCC SHOULDER AND FOR THE LIMITS OF CONSTRUCTION OF THE SUB-BASE GRANULAR MATERIAL UNDER THE DOUBLE FACE BARRIER WALL.
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REVISIONS	
NAME	DATE

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

PROPOSED TYPICAL SECTIONS

SCALE: NTS
DATE: 06/09/06

DRAWN BY: JDC
CHECKED BY: RS

PRTP-10

157,34 FM 6/7/2006

ROADWAY REMOVAL SCHEDULE

STATION TO STATION	TREE REMOVAL 16 TO 15 UNITS DIAMETER	TREE REMOVAL OVER 15 UNITS DIAMETER	BITUMINOUS SURFACE REMOVAL 2-1/2"	PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE BARRIER REMOVAL	MEDIAN REMOVAL	PAVED SHOULDER REMOVAL	GUARDRAIL REMOVAL	TEMPORARY CONCRETE BARRIER REMOVAL	LUG SYSTEM REMOVAL	IMPACT ATTENUATOR REMOVAL
	UNIT	UNIT	SO YD	SO YD	FOOT	FOOT	SO FT	SO YD	FOOT	FOOT	EACH	EACH
4474+50.00 TO 4480+00.00	-	-	-	2,610	1,100	25	-	-	-	440	-	-
4480+00.00 TO 4492+00.00	-	-	-	6,516	2,400	18	-	78	215	1,176	-	-
4492+00.00 TO 4504+00.00	-	-	-	5,836	2,401	34	-	74	181	1,061	-	-
4504+00.00 TO 4516+00.00	-	-	-	8,581	1,622	-	-	5	-	1,200	-	1
4516+00.00 TO 4529+00.00	-	-	-	8,635	1,257	106	-	170	331	400	-	-
4529+00.00 TO 4541+00.00	58	154	716	9,443	3,664	-	3,523	1,255	416	0	-	-
4541+00.00 TO 4533+00.00	9	100	199	9,670	2,656	28	771	922	208	997	-	1
4533+00.00 TO 4565+00.00	343	220	1,090	10,034	3,964	27	3,867	101	288	1,100	-	-
4565+00.00 TO 4577+00.00	392	208	-	9,141	3,524	86	161	1,194	430	1,312	-	-
4577+00.00 TO 4589+00.00	56	19	366	9,168	3,284	15	1,973	63	207	1,504	2	-
4589+00.00 TO 4601+00.00	-	-	-	8,121	3,249	24	-	771	134	1,277	-	-
4601+00.00 TO 4613+00.00	-	-	-	8,374	2,313	17	-	94	256	1,108	-	-
4613+00.00 TO 4625+00.00	-	-	-	8,547	2,898	17	-	486	220	1,330	-	-
4625+00.00 TO 4637+00.00	-	-	-	9,171	2,407	23	-	84	219	1,106	-	1
4637+00.00 TO 4638+05.00	-	-	-	1,150	158	-	-	-	-	456	2	-
TOTALS	858	701	2,371	114,998	36,897	419	10,297	5,297	3,104	14,466	4	3

MEDIAN SCHEDULE

STATION TO STATION	CONCRETE MEDIAN SURFACE 6' (SPECIAL)	CONCRETE MEDIAN SURFACE 5 INCH (MODIFIED)
	SO FT	SO FT
4474+50.00 TO 4480+00.00	341	-
4480+00.00 TO 4492+00.00	711	-
4492+00.00 TO 4504+00.00	789	-
4504+00.00 TO 4516+00.00	773	-
4516+00.00 TO 4529+00.00	368	-
4529+00.00 TO 4541+00.00	771	1,973
4541+00.00 TO 4533+00.00	1,187	676
4533+00.00 TO 4565+00.00	1,307	1,519
4565+00.00 TO 4577+00.00	2,704	-
4577+00.00 TO 4589+00.00	789	-
4589+00.00 TO 4601+00.00	104	-
4601+00.00 TO 4613+00.00	943	-
4613+00.00 TO 4625+00.00	96	-
4625+00.00 TO 4637+00.00	997	-
4637+00.00 TO 4638+05.00	-	-
TOTALS	11,880	4,168

LANDSCAPING SCHEDULE

STATION TO STATION	TOPSOIL FURNISH AND PLACE, 4"	TOPSOIL FURNISH AND PLACE, 12"	COMPOST FURNISH AND PLACE, 6"	SEEDING CLASS 2A	SEEDING CLASS 4 (MODIFIED)	SEEDING CLASS 5A (MODIFIED)	NITROGEN FERTILIZER NUTRIENTS	PHOSPHOROUS FERTILIZER NUTRIENTS	POTASSIUM FERTILIZER NUTRIENTS	EROSION CONTROL BLANKET	SUPPLEMENTAL WATERING	WEED CONTROL
	SO YD	SO YD	SO YD	ACRE	ACRE	ACRE	POUND	POUND	POUND	SO YD	UNIT	POUND
4474+50.00 TO 4482+00.00	0	272	272	0.06	-	-	6	6	6	272	6.6	-
4482+00.00 TO 4506+00.00	410	1,973	1,973	0.47	-	-	45	44	43	2,383	57.2	3.0
4506+00.00 TO 4529+00.00	4,276	4,081	4,081	1.24	0.45	0.45	156	154	153	8,357	200.6	5.0
4529+00.00 TO 4553+00.00	6,107	3,229	3,229	1.44	0.50	0.50	174	174	174	9,336	225.0	5.0
4553+00.00 TO 4577+00.00	7,515	6,611	6,611	1.56	1.37	1.37	263	263	263	14,126	340.0	1.4
4577+00.00 TO 4601+00.00	6,388	6,835	6,835	2.22	0.52	0.52	246	246	246	13,223	317.0	0.2
4601+00.00 TO 4625+00.00	3,845	8,253	8,253	2.50	-	-	225	225	225	12,098	290.0	1.0
4625+00.00 TO 4638+05.00	2,183	1,735	1,735	0.81	-	-	73	73	73	3,918	95.0	0.4
TOTALS	30,724	32,989	32,989	10.30	2.84	2.84	1,188	1,185	1,183	63,713	1,531.4	16.0



REVISIONS	
NAME	DATE

SCH-1

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

SCHEDULE OF QUANTITIES

SCALE: NONE DRAWN BY: NJH
DATE: June 9, 2006 CHECKED BY: RMG

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ROADWAY ITEMS SCHEDULE

STATION TO STATION	ROCK EXCAVATION	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SUB-BASE GRANULAR MATERIAL, TYPE B, 12"	SUB-BASE GRANULAR MATERIAL, TYPE B, 24"	STABILIZED SUB-BASE, 4"	P.C.C. BASE COURSE 9-1/2"	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONC. PAVEMENT, 14"	PCC PAVEMENT 11" (JOINTED)	PCC SHOULDERS 11"	SHOULDER RUMBLE STRIP	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70 (1-1/2")	POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50 (1")	PCC SHOULDERS 14"	STABILIZED SUB-BASE, 6"	PAVEMENT REINFORCEMENT, 14"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)
	CU YD	SQ YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	FOOT	TON	TON	SO YD	SO YD	SO YD	TON	TON
4474+50.00 TO 4480+00.00	-	3,055	2,322	733	-	-	2,323	-	-	2,200	-	-	502	3,055	2,323	1.3	6.2
4480+00.00 TO 4492+00.00	-	7,703	5,942	1,761	-	-	5,942	-	-	4,349	-	-	1,190	7,703	5,942	3.1	15.5
4492+00.00 TO 4504+00.00	-	7,319	5,539	1,780	-	-	5,539	-	-	4,151	-	-	1,007	7,319	5,539	3.0	14.7
4504+00.00 TO 4516+00.00	-	9,242	7,137	2,105	-	-	7,137	-	-	4,097	-	-	1,307	9,242	7,137	3.7	18.5
4516+00.00 TO 4529+00.00	217	9,249	6,942	2,307	-	-	6,942	-	-	5,289	-	-	1,870	9,249	6,942	3.8	18.6
4529+00.00 TO 4541+00.00	-	11,771	6,966	4,805	1,833	377	7,568	1,270	-	4,142	99	66	2,159	9,938	7,568	25.6	3.6
4541+00.00 TO 4533+00.00	-	10,449	6,447	4,002	1,395	79	6,731	926	220	3,506	23	16	1,687	9,054	6,731	22.3	0.9
4533+00.00 TO 4565+00.00	-	9,429	5,127	4,302	1,651	1,114	5,117	1,173	46	4,638	185	123	2,011	7,778	5,117	21.2	6.7
4565+00.00 TO 4577+00.00	-	10,085	6,108	3,977	1,116	-	6,714	762	78	4,313	-	0	1,500	8,969	6,714	21.4	0.0
4577+00.00 TO 4589+00.00	-	9,260	5,208	4,052	1,202	650	5,370	803	73	4,427	85	57	2,056	8,058	5,370	20.2	3.1
4589+00.00 TO 4601+00.00	-	6,968	5,076	1,892	200	-	5,067	144	-	4,769	-	0	2,093	6,768	5,067	14.8	0.0
4601+00.00 TO 4613+00.00	-	8,631	5,808	2,823	431	-	5,913	335	-	4,530	-	0	1,574	8,199	5,913	18.3	0.0
4613+00.00 TO 4625+00.00	-	9,282	5,835	3,447	693	-	5,765	507	127	4,445	-	0	2,219	8,589	5,765	19.7	0.0
4625+00.00 TO 4637+00.00	-	10,265	6,540	3,725	404	-	6,787	294	73	4,481	-	0	2,451	9,861	6,787	21.8	0.0
4637+00.00 TO 4638+05.00	-	1,321	963	358	0	-	667	-	-	1,122	-	0	489	1,321	667	2.9	0.0
TOTALS	217	124,027	81,960	42,067	8,924	2,219	83,582	6,214	616	60,458	392	262	24,114	115,103	83,582	203.1	87.8

F.A.I. RTE. 90/94	SECTION *	COUNTY COOK	TOTAL SHEETS 565	SHEET NO. 31
STA. 62301		TO STA. R-10		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
• (2021-922 P12 ETC 2324.6-1P) R-10				

CURB AND GUTTER SCHEDULE

STATION TO STATION	CONCRETE GUTTER, TYPE B	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.24	COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.4B (MODIFIED)	COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.24
	FOOT	FOOT	FOOT	FOOT	FOOT
4474+50.00 TO 4480+00.00	-	-	-	-	313
4480+00.00 TO 4492+00.00	-	-	-	450	-
4492+00.00 TO 4504+00.00	-	-	300	599	130
4504+00.00 TO 4516+00.00	-	-	-	594	471
4516+00.00 TO 4529+00.00	-	-	139	-	914
4529+00.00 TO 4541+00.00	612	744	-	715	955
4541+00.00 TO 4533+00.00	809	178.5	241	123	953
4533+00.00 TO 4565+00.00	-	568	345	497	1,648
4565+00.00 TO 4577+00.00	-	-	402	598	617
4577+00.00 TO 4589+00.00	355	180	216	285	971
4589+00.00 TO 4601+00.00	-	-	-	81	1,221
4601+00.00 TO 4613+00.00	-	-	289	508	330
4613+00.00 TO 4625+00.00	833	-	-	-	428
4625+00.00 TO 4637+00.00	957	-	-	-	180
4637+00.00 TO 4638+05.00	-	-	-	-	105
TOTALS	3,566	1,671	1,932	4,450	9,236

EROSION CONTROL SCHEDULE

STATION TO STATION	SEDIMENT CONTROL, SILT FENCE	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	INLET FILTERS	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	MOWING
	FOOT	FOOT	EACH	EACH	POUND	EACH	ACRE
4474+50.00 TO 4482+00.00	189	48	15	30	186	-	0.06
4482+00.00 TO 4506+00.00	1,516	379	47	94	1,550	-	0.50
4506+00.00 TO 4529+00.00	1,922	481	47	94	5,394	8	1.74
4529+00.00 TO 4553+00.00	2,651	663	77	154	6,600	-	2.14
4553+00.00 TO 4577+00.00	2,702	676	77	154	8,858	-	2.84
4577+00.00 TO 4601+00.00	2,468	617	45	90	4,647	-	2.39
4601+00.00 TO 4625+00.00	2,240	560	72	144	2,216	-	2.44
4625+00.00 TO 4638+05.00	1,158	290	35	70	1,190	-	0.74
TOTALS	14,846	3,714	415	830	30,641	8	12.85

CTE | AECOM

REVISIONS	
NAME	DATE

SCH-2

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

SCHEDULE OF QUANTITIES

SCALE: NONE DRAWN BY: NJH
DATE: June 9, 2006 CHECKED BY: RMC

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SAFETY ITEMS SCHEDULE

STATION TO STATION	STEEL PLATE BEAM GUARD RAIL, TYPE A	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)	CONCRETE BARRIER TRANSITION	GUARDRAIL MARKERS, TYPE A	BARRIER WALL MARKERS, TYPE C	TERMINAL MARKER, DIRECT APPLIED	BARRIER BASE	CONCRETE BARRIER SINGLE FACE, 32" HEIGHT	CONCRETE BARRIER DOUBLE FACE, 32" HEIGHT	CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT (MODIFIED)	IMPACT ATTENUATOR (SEVERE USE, NARROW) TEST LEVEL 3	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 2
	FOOT	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	EACH	EACH
4474+50.00 TO 4480+00.00	-	-	-	-	-	79	-	12	-	465	0	386	0	-	-
4480+00.00 TO 4492+00.00	-	-	-	-	-	0	-	29	-	1,148	0	1,148	0	-	-
4492+00.00 TO 4504+00.00	150.0	-	1	1	-	111	3	29	1	1,166	63	992	0	-	-
4504+00.00 TO 4516+00.00	-	-	-	-	-	66	-	30	-	1,192	0	1,126	0	1	-
4516+00.00 TO 4529+00.00	25.0	-	1	1	-	81	1	6	1	296	182	33	0	-	-
4529+00.00 TO 4541+00.00	-	-	-	0	0	-	-	8	0	610	610	0	0	-	-
4541+00.00 TO 4533+00.00	125	-	1	1	0	32	3	23	1	1,799	774	993	0	2	-
4533+00.00 TO 4565+00.00	225	-	1	2	0	77	5	16	2	1,200	0	1,050	73	1	-
4565+00.00 TO 4577+00.00	212.5	1	1	1	0	466	5	18	1	1,377	38	804	69	2	-
4577+00.00 TO 4589+00.00	100	-	1	0	1	138	2	20	1	1,537	374	939	86	-	-
4589+00.00 TO 4601+00.00	-	-	-	0	0	70	-	15	0	1,176	0	1,106	0	-	1
4601+00.00 TO 4613+00.00	175	-	1	1	0	56	4	15	1	1,200	0	1,068	76	-	-
4613+00.00 TO 4625+00.00	-	-	-	0	0	72	-	26	0	2,074	802	1,086	114	-	-
4625+00.00 TO 4637+00.00	-	-	-	0	0	-	-	29	0	2,263	959	1,200	104	1	-
4637+00.00 TO 4638+05.00	-	-	-	0	0	-	-	6	0	456	0	456	0	-	-
TOTALS	1,012.5	1	7	7	1	1,248	23	282	8	17,958	3,801	12,386	523	7	1

PAVEMENT MARKING SCHEDULE

STATION TO STATION	POLYUREA PAVEMENT MARKING TYPE I- LETTERS AND SYMBOLS	POLYUREA PAVEMENT MARKING, TYPE I-LINE 4"	POLYUREA PAVEMENT MARKING, TYPE I-LINE 5"	POLYUREA PAVEMENT MARKING, TYPE I-LINE 8"	POLYUREA PAVEMENT MARKING, TYPE I-LINE 12"	POLYUREA PAVEMENT MARKING TYPE I-LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)
	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH
4474+50.00 TO 4482+00.00	-	3,002	940	-	82	-	95	-
4482+00.00 TO 4506+00.00	-	7,599	2,821	3,918	290	-	319	-
4506+00.00 TO 4529+00.00	-	6,896	2,420	7,036	1,535	-	322	-
4529+00.00 TO 4553+00.00	-	8,908	2,570	7,540	1,786	12	321	-
4553+00.00 TO 4577+00.00	-	10,220	3,000	3,033	467	12	330	-
4577+00.00 TO 4601+00.00	127.4	9,765	3,000	1,585	344	0	316	4
4601+00.00 TO 4625+00.00	36.4	8,313	3,106	3,223	397	51	311	-
4625+00.00 TO 4638+05.00	72.8	5,774	1,881	4,637	1,225	0	363	-
TOTALS	236.6	60,477	19,738	30,972	6,126	75	2,377	4

REVISIONS	
NAME	DATE

SCH-3

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

SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: June 9, 2006

DRAWN BY: NJH
CHECKED BY: RMG

EARTHWORK SCHEDULE

Table with 10 columns: STATION TO STATION, REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, EARTH EXCAVATION, EARTH EXCAVATION (SPECIAL), EARTH EXCAVATION ADJUSTED FOR SHRINKAGE, EMBANKMENT, EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-), EXCAVATE EXISTING GRANULAR MATERIAL, PLACE EXISTING GRANULAR MATERIAL, EXISTING GRANULAR MATERIAL BALANCE WASTE(+) OR SHORTAGE(-). Rows range from 4474+50 to 4528+00.

CONTINUED ON NEXT SHEET

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* THE SHRINKAGE FACTOR USED TO CALCULATE EARTHWORK QUANTITIES IS 15%. FACTOR IS FOR BOTH EARTH EXCAVATION AND EARTH EXCAVATION (SPECIAL) QUANTITIES.

EARTHWORK SCHEDULE

Table with 10 columns: STATION TO STATION, REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, EARTH EXCAVATION, EARTH EXCAVATION (SPECIAL), EARTH EXCAVATION ADJUSTED FOR SHRINKAGE, EMBANKMENT, EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-), EXCAVATE EXISTING GRANULAR MATERIAL, PLACE EXISTING GRANULAR MATERIAL, EXISTING GRANULAR MATERIAL BALANCE WASTE(+) OR SHORTAGE(-). Rows range from 4529+00 to 4583+00.

SCH-4

Table with 2 columns: REVISIONS, NAME, DATE. Multiple empty rows for revisions.

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

SCHEDULE OF QUANTITIES

SCALE: NONE DRAWN BY: NJH
DATE: June 9, 2006 CHECKED BY: RMC

Summary table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 90/94, COOK, 565, 33.

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EARTHWORK SCHEDULE

STATION TO STATION		REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EARTH EXCAVATION (SPECIAL)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE *	EMBANKMENT	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-)	EXCAVATE EXISTING GRANULAR MATERIAL	PLACE EXISTING GRANULAR MATERIAL	EXISTING GRANULAR MATERIAL BALANCE WASTE(+) OR SHORTAGE(-)
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
4584+00	4585+00	59	393	55	381	192	189	315	162	153
4585+00	4586+00	75	258	71	280	235	45	354	141	213
4586+00	4587+00	41	169	39	177	82	95	319	141	178
4587+00	4588+00	0	102	0	87	0	87	376	141	235
4588+00	4589+00	12	0	11	10	23	-13	478	141	337
4589+00	4590+00	25	16	23	34	48	-14	475	141	334
4590+00	4591+00	41	8	39	40	205	-165	491	141	350
4591+00	4592+00	44	0	41	35	278	-243	499	141	358
4592+00	4593+00	25	5	24	25	164	-139	495	141	354
4593+00	4594+00	18	8	17	22	121	-99	500	141	359
4594+00	4595+00	14	0	14	12	99	-87	508	141	367
4595+00	4596+00	10	6	9	13	75	-62	506	141	365
4596+00	4597+00	10	14	9	20	75	-55	512	141	371
4597+00	4598+00	13	4	13	15	91	-76	526	141	385
4598+00	4599+00	14	2	14	14	62	-48	530	141	389
4599+00	4600+00	7	128	7	115	7	108	532	141	391
4600+00	4601+00	15	109	14	105	29	76	660	141	519
4601+00	4602+00	28	0	27	23	55	-32	760	141	619
4602+00	4603+00	26	0	13	12	39	-27	725	141	584
4603+00	4604+00	30	2	0	2	30	-28	702	173	529
4604+00	4605+00	36	0	0	0	36	-36	680	200	480
4605+00	4606+00	38	0	0	0	38	-38	652	191	461
4606+00	4607+00	42	39	0	34	42	-8	458	181	277
4607+00	4608+00	40	194	0	165	40	125	273	169	104
4608+00	4609+00	17	333	0	284	0	284	293	160	133
4609+00	4610+00	55	238	0	203	0	203	462	153	309
4610+00	4611+00	104	0	0	0	0	0	610	145	465
4611+00	4612+00	94	0	0	0	0	0	604	141	463
4612+00	4613+00	45	0	0	0	0	0	584	141	443
4613+00	4614+00	0	19	0	17	0	17	580	141	439
4614+00	4615+00	0	3	0	3	0	3	599	141	458
4615+00	4616+00	0	134	0	114	0	114	602	141	461
4616+00	4617+00	43	116	0	99	6	93	725	141	584
4617+00	4618+00	89	2	44	40	185	-145	828	141	687
4618+00	4619+00	98	41	79	102	270	-168	815	141	674
4619+00	4620+00	103	293	84	321	347	-26	576	172	404
4620+00	4621+00	104	602	98	595	373	222	323	196	127
4621+00	4622+00	104	668	49	610	107	503	323	184	139
4622+00	4623+00	100	666	0	567	0	567	323	178	145
4623+00	4624+00	94	603	44	550	181	369	323	178	145
4624+00	4625+00	92	603	87	587	333	254	323	191	132
4625+00	4626+00	88	643	83	618	436	182	341	191	150
4626+00	4627+00	79	296	74	315	378	-63	682	178	504
4627+00	4628+00	60	0	56	48	235	-187	978	178	800
4628+00	4629+00	24	0	22	19	71	-52	775	178	597
4629+00	4630+00	0	268	0	228	0	228	632	178	454
4630+00	4631+00	23	335	0	285	0	285	706	178	528
4631+00	4632+00	52	296	0	252	0	252	782	178	604
4632+00	4633+00	67	150	0	128	0	128	813	178	635
4633+00	4634+00	76	319	0	272	0	272	565	178	387
4634+00	4635+00	63	481	0	409	0	409	334	178	156
4635+00	4636+00	25	384	0	327	0	327	328	187	141
4636+00	4637+00	12	395	0	336	0	336	315	200	115
4637+00	4638+00	25	37	0	32	0	32	326	212	114
4638+00	4639+00	13	0	0	0	0	0	167	109	58
4639+00	4640+00	0	0	0	0	0	0	0	0	0
TOTAL		9,658	91,902	1,366	79,354	7,500	+71,854	34,458	27,469	+6,989

* THE SHRINKAGE FACTOR USED TO CALCULATE EARTHWORK QUANTITIES IS 15%.
FACTOR IS FOR BOTH EARTH EXCAVATION AND EARTH EXCAVATION (SPECIAL) QUANTITIES.

REVISIONS	
NAME	DATE

SCH-5
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

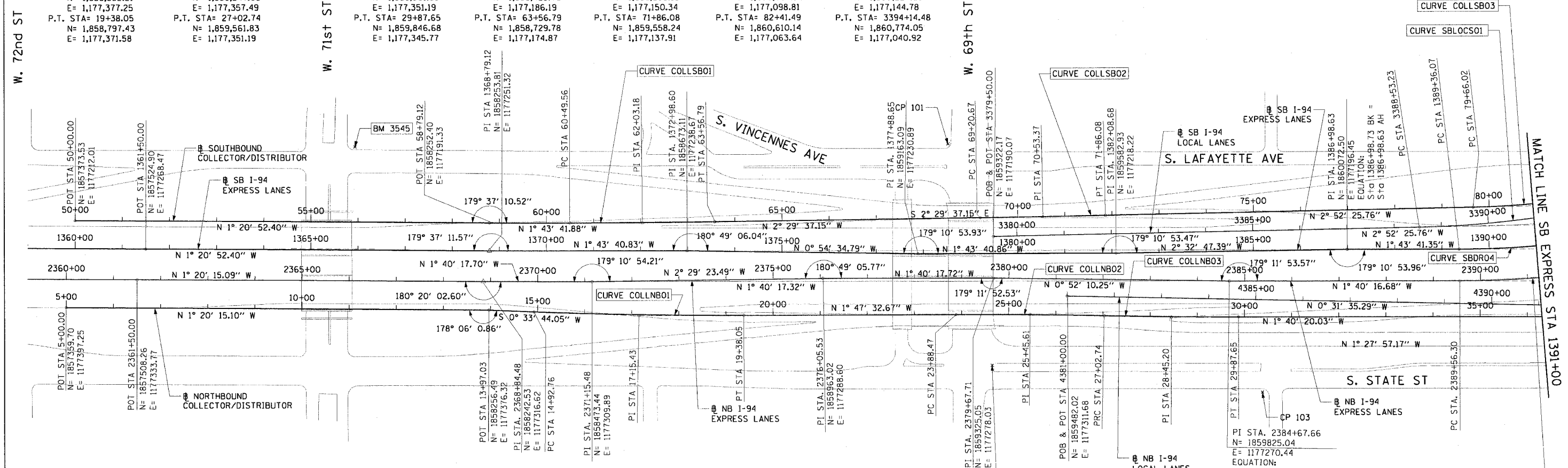
SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: June 9, 2006
DRAWN BY: NJH
CHECKED BY: RMG

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	35
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				

CURVE COLLNBO1	CURVE COLLNBO2	CURVE COLLNBO3	CURVE COLLSBO1	CURVE COLLSBO2	CURVE COLLSBO3	CURVE SBLOCSO1
P.I. STA= 17+15.43 N= 1,858,574.87 E= 1,177,378.55 Δ= 2° 07' 33" D= 0° 28' 33" R= 12,000.00' T= 222.67' L= 445.29 E= 2.06' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 14+92.76 N= 1,858,352.21 E= 1,177,377.25 P.T. STA= 19+38.05 N= 1,858,797.43 E= 1,177,371.58	P.I. STA= 25+45.61 N= 1,859,404.70 E= 1,177,352.58 Δ= 1° 17' 10" D= 0° 24' 33" R= 14,000.00' T= 157.14' L= 314.27 E= 0.88' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 23+88.47 N= 1,859,247.63 E= 1,177,357.49 P.T. STA= 27+02.74 N= 1,859,561.83 E= 1,177,351.19	P.I. STA= 28+45.20 N= 1,859,704.28 E= 1,177,349.93 Δ= 1° 09' 57" D= 0° 24' 33" R= 14,000.00' T= 142.45' L= 284.90 E= 0.72' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 27+02.74 N= 1,859,561.83 E= 1,177,351.19 P.T. STA= 29+87.65 N= 1,859,846.68 E= 1,177,345.77	P.I. STA= 62+03.18 N= 1,858,576.31 E= 1,177,181.55 Δ= 0° 45' 55" D= 0° 14' 56" R= 23,000.00' T= 153.61' L= 307.23 E= 0.51' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 60+49.56 N= 1,858,422.76 E= 1,177,186.19 P.T. STA= 63+56.79 N= 1,858,729.78 E= 1,177,174.87	P.I. STA= 70+53.37 N= 1,859,425.70 E= 1,177,144.56 Δ= 0° 22' 48" D= 0° 14' 56" R= 40,000.00' T= 132.70' L= 265.40 E= 0.22' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 69+20.67 N= 1,859,293.13 E= 1,177,150.34 P.T. STA= 71+86.08 N= 1,859,558.24 E= 1,177,137.91	P.I. STA= 81+04.03 N= 1,860,475.04 E= 1,177,091.89 Δ= 8° 56' 14" D= 0° 14' 56" R= 1,766.00' T= 138.01' L= 275.46 E= 5.38' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 79+66.02 N= 1,860,337.20 E= 1,177,098.81 P.T. STA= 82+41.49 N= 1,860,610.14 E= 1,177,063.64	P.I. STA= 3391+35.61 N= 1,860,506.29 E= 1,177,130.62 Δ= 15° 38' 54" D= 2° 47' 17" R= 2,055.00' T= 282.39' L= 561.26' E= 19.31' e= 5.5% T.R.= 41' S.E. RUN= 196' P.C. STA= 3388+53.23 N= 1,860,224.26 E= 1,177,144.78 P.T. STA= 3394+14.48 N= 1,860,774.05 E= 1,177,040.92



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

NOTES:
1. AVERAGE GRID TO GROUND CONVERSION FACTOR = 1.000010988654360



REVISIONS	
NAME	DATE

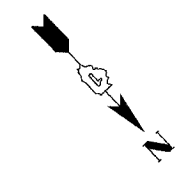
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
ALIGNMENT PLAN

SCALE: 1"=100'
DATE: June 9, 2006

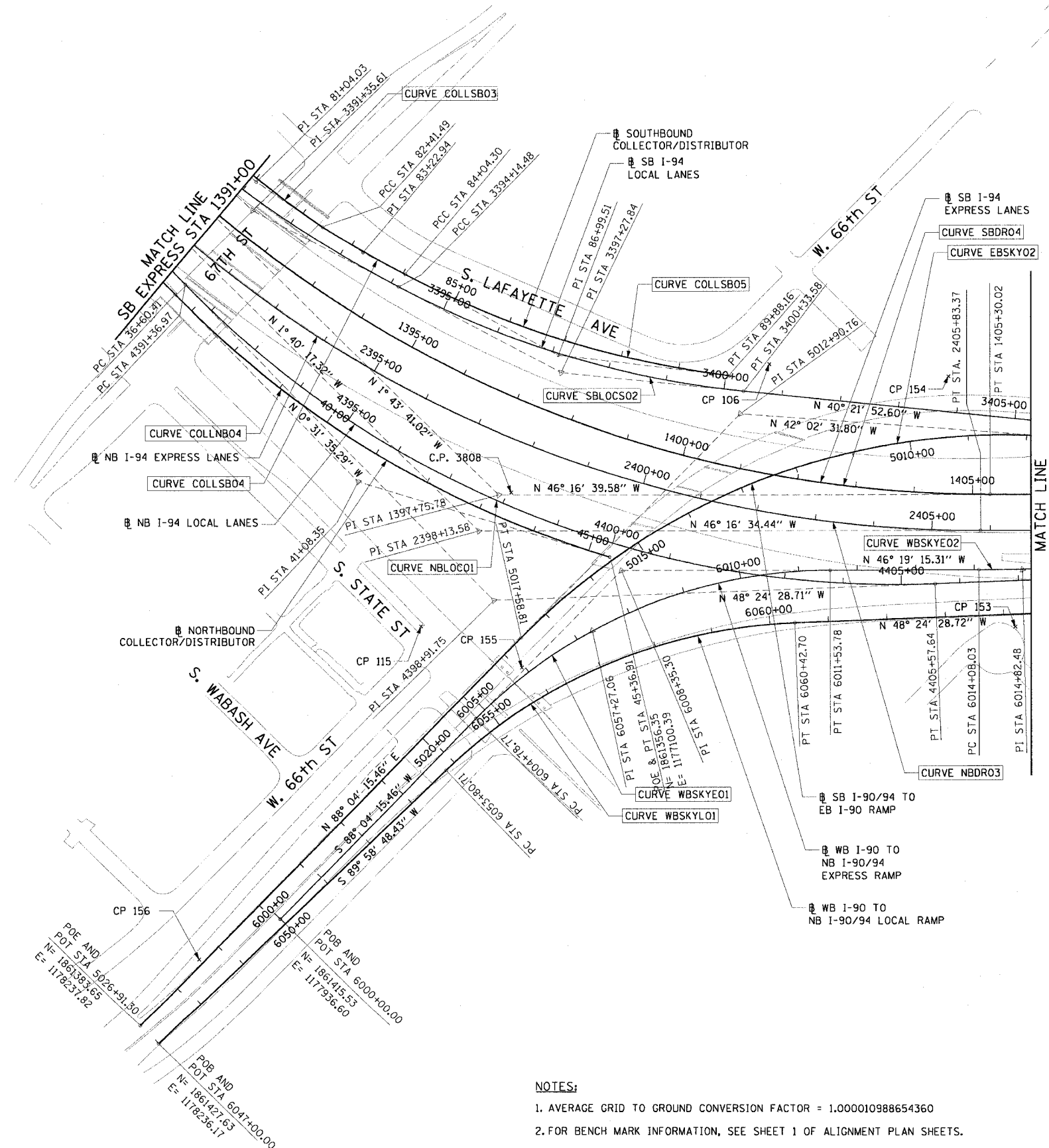
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CHECKED BY: JAL/MS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	36
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		



CURVE COLLSB04 P.I. STA= 83+22.94 N= 1,860,689.19 E= 1,177,044.03 Δ = 4° 35' 34" D= 2° 49' 15" R= 2,031.00' T= 81.44' L= 162.81' E= 1.63' e= 5.5% T.R.= N/A S.E. RUN= N/A P.C. STA= 82+41.49 N= 1,860,610.14 E= 1,177,063.64 P.T. STA= 84+04.30 N= 1,860,766.42 E= 1,177,018.16	CURVE COLLSB05 P.I. STA= 86+99.51 N= 1,861,046.34 E= 1,176,924.37 Δ = 20° 54' 28" D= 3° 34' 51" R= 1,600.00' T= 295.21' L= 583.86' E= 27.00' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 84+04.30 N= 1,860,766.42 E= 1,177,018.16 P.T. STA= 89+88.16 N= 1,861,274.37 E= 1,176,736.87
CURVE COLLNB04 P.I. STA= 41+08.35 N= 1,860,967.08 E= 1,177,322.03 Δ = 29° 07' 47" D= 3° 19' 24" R= 1,724.00' T= 447.94' L= 876.49' E= 57.24' e= 5.9% T.R.= 41' S.E. RUN= 210' (236.93') P.C. STA= 36+60.41 N= 1,860,519.16 E= 1,177,326.14 P.T. STA= 45+36.91 N= 1,861,356.34 E= 1,177,100.39	CURVE COLLSB03 P.I. STA= 81+04.03 N= 1,860,475.04 E= 1,177,091.89 Δ = 8° 56' 14" D= 3° 14' 39" R= 1,766.00' T= 138.01' L= 275.46' E= 5.38' e= 5.63% T.R.= N/A S.E. RUN= 200.00' P.C. STA= 79+66.02 N= 1,860,337.20 E= 1,177,098.81 P.T. STA= 82+41.49 N= 1,860,610.14 E= 1,177,063.64



CURVE NBLOC01 P.I. STA= 4398+91.75 N= 1,861,273.69 E= 1,177,295.21 Δ = 47° 52' 53" D= 3° 22' 13" R= 1700.00' T= 754.78' L= 1420.67' E= 160.03' e= 5.9% T.R.= 41' S.E. RUN= 210' (236.93') P.C. STA= 4391+36.97 N= 1,860,518.94 E= 1,177,302.15 P.T. STA= 4405+57.64 N= 1,861,774.74 E= 1,176,730.72	CURVE NBDRO3 P.I. STA= 2398+13.58 N= 1,861,170.38 E= 1,177,231.19 Δ = 44° 36' 17" D= 2° 44' 29" R= 2090.00' T= 857.27' L= 1627.06' E= 168.99' e= 5.5% T.R.= 41' (41') S.E. RUN= 196' (274.66') P.C. STA= 2389+56.30 N= 1,860,313.48 E= 1,177,256.19 P.T. STA= 2405+83.37 N= 1,861,762.92 E= 1,176,611.65	CURVE WBSKYLO1 P.I. STA= 6057+27.06 N= 1,861,427.27 E= 1,177,209.11 Δ = 41° 36' 43" D= 6° 17' 09" R= 911.50' T= 346.35' L= 661.99' E= 63.59' e= 6.0% T.R.= N/A S.E. RUN= 129' (129') P.C. STA= 6053+80.71 N= 1,861,427.39 E= 1,177,555.47 P.T. STA= 6060+42.70 N= 1,861,657.19 E= 1,176,950.08
CURVE WBSKYE01 P.I. STA= 6008+35.30 N= 1,861,387.41 E= 1,177,101.77 Δ = 45° 36' 29" D= 6° 45' 24" R= 848.00' T= 356.54' L= 675.02' E= 71.90' e= 6.0% T.R.= N/A S.E. RUN= 96' (179.23') P.C. STA= 6004+78.77 N= 1,861,399.41 E= 1,177,458.10 P.T. STA= 6011+53.78 N= 1,861,633.64 E= 1,176,843.91	CURVE WBSKYE02 P.I. STA= 6014+82.48 N= 1,861,860.65 E= 1,176,606.19 Δ = 2° 30' 00" D= 1° 40' 45" R= 3412.00' T= 74.45' L= 148.88' E= 0.81' e= 3.1% T.R.= N/A S.E. RUN= 138.58' (80.76') P.C. STA= 6014+08.03 N= 1,861,809.23 E= 1,176,660.04 P.T. STA= 6015+56.91 N= 1,861,909.67 E= 1,176,550.16	CURVE SBLOC02 P.I. STA= 3397+27.84 N= 1,861,071.17 E= 1,176,941.37 Δ = 21° 50' 32" D= 3° 31' 41" R= 1624.00' T= 313.36' L= 619.10' E= 29.96' e= 6.0% T.R.= 41' S.E. RUN= 213' P.C. STA= 3394+14.48 N= 1,860,774.05 E= 1,177,040.92 P.T. STA= 3400+33.58 N= 1,861,309.93 E= 1,176,738.43
CURVE EBSKY02 P.I. STA= 5012+90.76 N= 1,861,334.19 E= 1,176,769.43 Δ = 49° 53' 13" D= 4° 57' 54" R= 1154.00' T= 536.73' L= 1004.78' E= 118.71' e= 5.6% T.R.= 48' (96') S.E. RUN= 135' (135') P.C. STA= 5007+54.03 N= 1,861,732.80 E= 1,176,409.99 P.T. STA= 5017+58.81 N= 1,861,352.26 E= 1,177,305.85	CURVE SBDR04 P.I. STA= 1397+75.78 N= 1,861,149.16 E= 1,177,163.97 Δ = 44° 32' 59" D= 2° 47' 42" R= 2050.00' T= 839.71' L= 1593.95' E= 165.31' e= 5.5% T.R.= 96' S.E. RUN= 226' (244.83') P.C. STA= 1389+36.07 N= 1,860,309.83 E= 1,177,189.29 P.T. STA= 1405+30.02 N= 1,861,729.54 E= 1,176,557.11	

- 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)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

ALIGNMENT PLAN

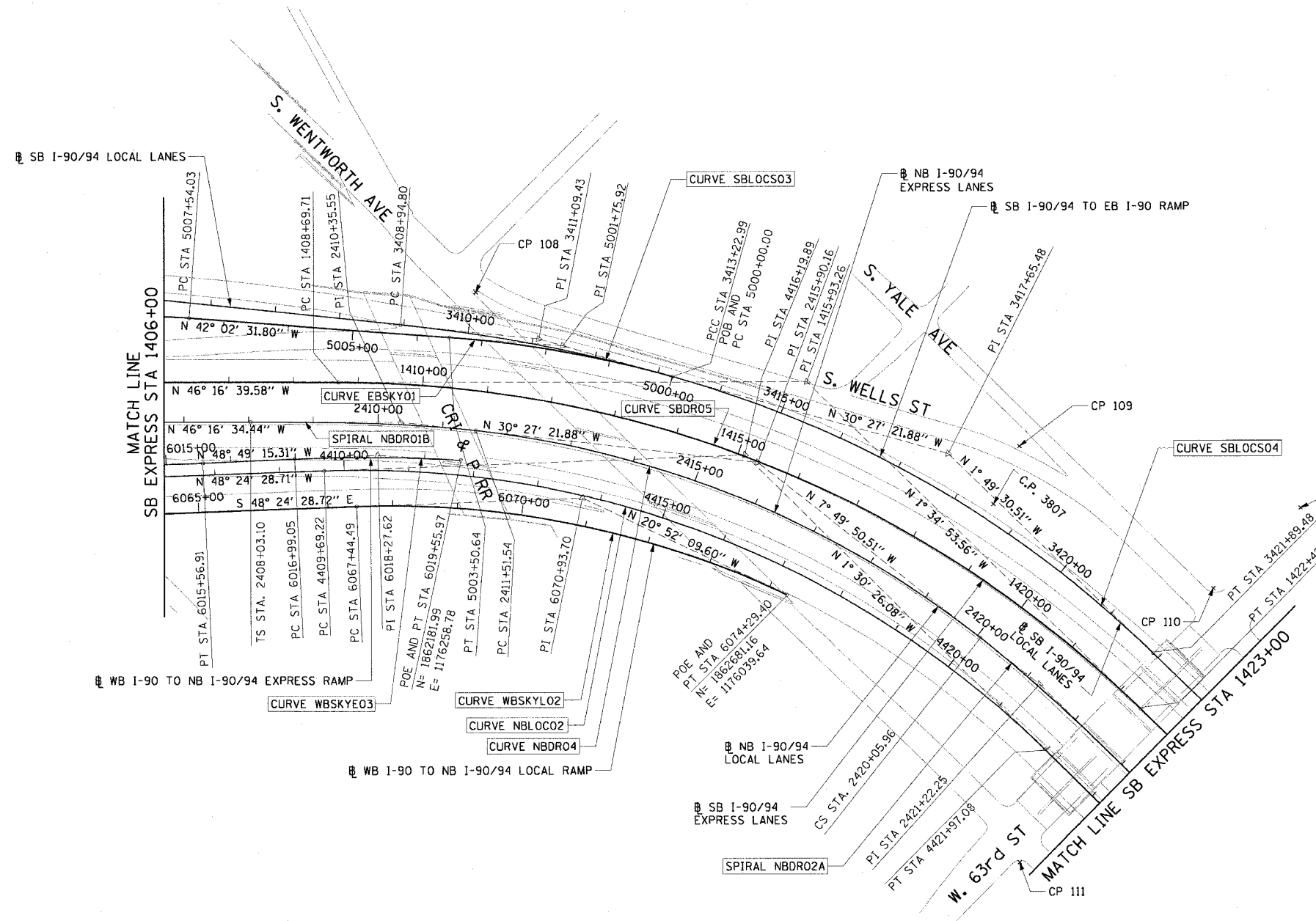
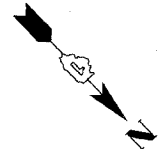
SCALE: 1"=100'
 DATE: June 9, 2006

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



ALT-2
 #4554 PM
 6/7/2006

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	37
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		(2021-922 PT ETC 2324.6-1P) R-10		



CURVE NBLOC02
 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'
 θ = 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 NBDRO4
 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'
 θ = 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'
 θ = 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 YALEO1
 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'
 θ = 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

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 EBSKYO1
 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= 175.92'
 L= 350.64'
 E= 8.90'
 θ = 5.6%
 T.R.= 48' (96')
 S.E. RUN= 135'
 P.C. STA= 5000+00.00
 N= 1,862,314.67
 E= 1,176,180.66
 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= 2° 18' 51"
 R= 2476.00'
 T= 214.63'
 L= 428.19'
 E= 9.29'
 θ = 5.0%
 T.R.= 41'
 S.E. RUN= 205'
 P.C. STA= 3408+94.80
 N= 1,861,966.12
 E= 1,176,311.62
 P.T. STA= 3413+22.99
 N= 1,862,314.67
 E= 1,175,932.87

CURVE SBDRO5
 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= 723.55'
 L= 1372.97'
 E= 142.93'
 θ = 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= 442.49'
 L= 866.49'
 E= 55.57'
 θ = 5.0%
 T.R.= (41')
 S.E. RUN= (242')
 P.C. STA= 3413+22.99
 N= 1,862,314.67
 E= 1,176,443.17
 P.T. STA= 3421+89.48
 N= 1,863,138.37
 E= 1,175,694.49

CURVE WBSKYEO3
 P.I. STA= 6018+27.62
 N= 1,862,087.91
 E= 1,176,346.40
 Δ = 5° 51' 27"
 D= 2° 16' 48"
 R= 2513.00'
 T= 128.57'
 L= 256.91'
 E= 3.29'
 θ = 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

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

ALT-3

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

ALIGNMENT PLAN

SCALE: 1"=100'
 DATE: June 9, 2006

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

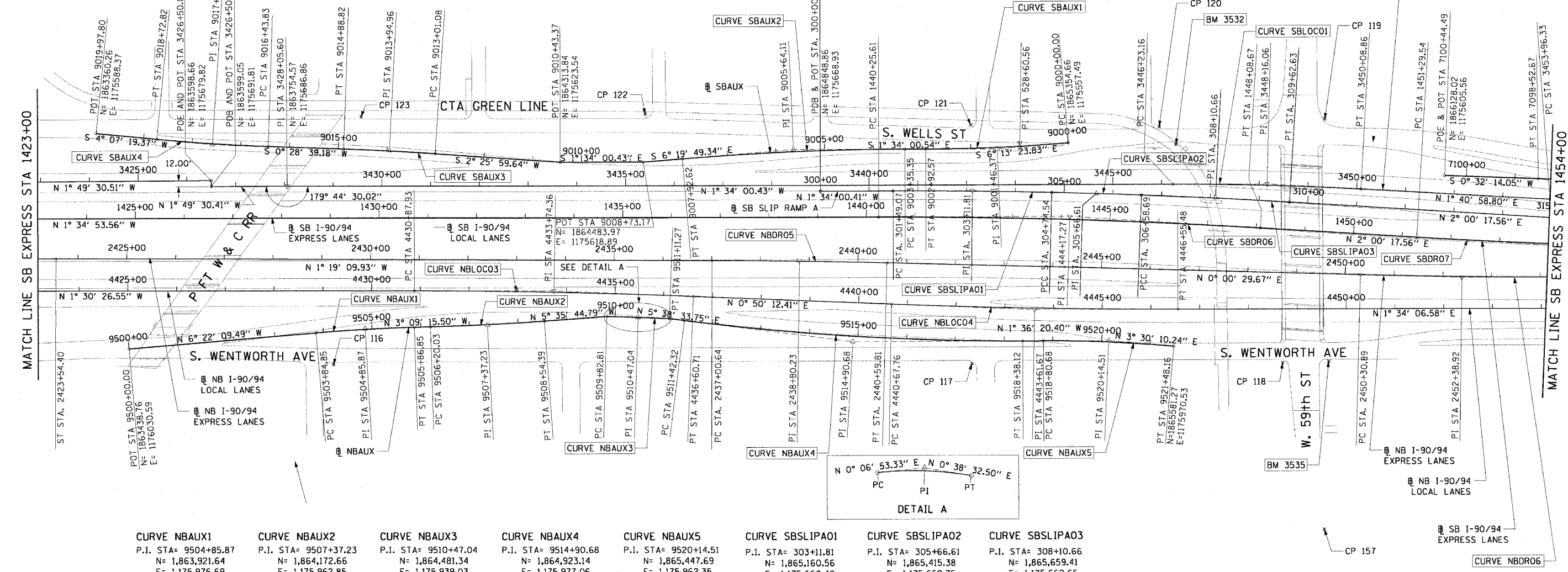


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6/7/2006 4:56 PM

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= 2.74' e= 2.52' 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' 01" D= 0° 27' 31" R= 12490.00' T= 387.09' L= 773.94' E= 2.74' 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° 22' 11" R= 15500.00' T= 179.59' L= 359.17' E= 6.00' 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° 22' 55" R= 12500.00' T= 387.09' 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= 2440+59.81 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= 286.43' 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	565	38
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-IP) R-10		



CURVE NBAUX1	CURVE NBAUX2	CURVE NBAUX3	CURVE NBAUX4	CURVE NBAUX5	CURVE SBLSIPA01	CURVE SBLSIPA02	CURVE SBLSIPA03
P.I. STA= 9504+85.87 N= 1,863,921.64 E= 1,175,976.69 Δ= 3° 12' 54" D= 1° 35' 30" R= 3600.00' T= 101.03' L= 202.00' E= 1.42' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 9503+84.85 N= 1,863,821.23 E= 1,175,987.89 P.T. STA= 9505+86.85 N= 1,864,022.51 E= 1,175,971.13	P.I. STA= 9507+37.23 N= 1,864,172.66 E= 1,175,962.85 Δ= 2° 26' 29" D= 1° 02' 30" R= 5500.00' T= 117.20' L= 234.36' E= 1.25' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 9506+20.03 N= 1,864,055.64 E= 1,175,969.30 P.T. STA= 9508+54.39 N= 1,864,289.30 E= 1,175,951.42	P.I. STA= 9510+47.04 N= 1,864,481.34 E= 1,175,939.03 Δ= 0° 31' 39" D= 0° 24' 38" R= 13952.00' T= 64.23' L= 128.46' E= 0.15' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 9509+82.81 N= 1,864,417.11 E= 1,175,938.90 P.T. STA= 9511+11.27 N= 1,864,545.57 E= 1,175,939.75	P.I. STA= 9514+90.68 N= 1,864,923.14 E= 1,175,977.06 Δ= 7° 14' 54" D= 1° 02' 30" R= 5500.00' T= 348.36' L= 695.79' E= 11.02' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 9511+42.32 N= 1,864,576.47 E= 1,175,942.80 P.T. STA= 9518+38.12 N= 1,865,271.36 E= 1,175,967.30	P.I. STA= 9520+14.51 N= 1,865,447.69 E= 1,175,962.35 Δ= 5° 06' 31" D= 1° 54' 35" R= 3000.00' T= 133.83' L= 267.48' E= 2.98' e= 2.4 T.R.= 11' (0') S.E. RUN= 66' (0') P.C. STA= 9518+80.68 N= 1,865,313.91 E= 1,175,966.10 P.T. STA= 9521+48.16 N= 1,865,581.27 E= 1,175,970.53	P.I. STA= 303+11.81 N= 1,865,160.56 E= 1,175,660.40 Δ= 1° 25' 14" D= 0° 26' 11" R= 13128.07' T= 162.74' L= 325.47' E= 1.01' e= N/A T.R.= N/A S.E. RUN= N/A P.C. STA= 301+49.07 N= 1,865,323.30 E= 1,175,664.85 P.C.C. STA= 304+74.54 N= 1,865,323.30 E= 1,175,659.99	P.I. STA= 305+66.61 N= 1,865,415.38 E= 1,175,659.75 Δ= 0° 49' 32" D= 0° 26' 54" R= 12779.64' T= 92.08' L= 184.15' E= 0.33' e= N/A T.R.= N/A S.E. RUN= N/A P.C.C. STA= 304+74.54 N= 1,865,323.30 E= 1,175,659.99 P.C.C. STA= 306+58.69 N= 1,865,507.45 E= 1,175,660.85	P.I. STA= 308+10.66 N= 1,865,659.41 E= 1,175,662.65 Δ= 1° 19' 32" D= 0° 26' 10" R= 13137.24' T= 151.98' L= 303.94' e= N/A T.R.= N/A S.E. RUN= N/A P.C.C. STA= 306+58.69 N= 1,865,507.45 E= 1,175,660.85 P.T. STA= 309+62.63 N= 1,865,811.30 E= 1,175,667.96

CTE | AECOM

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

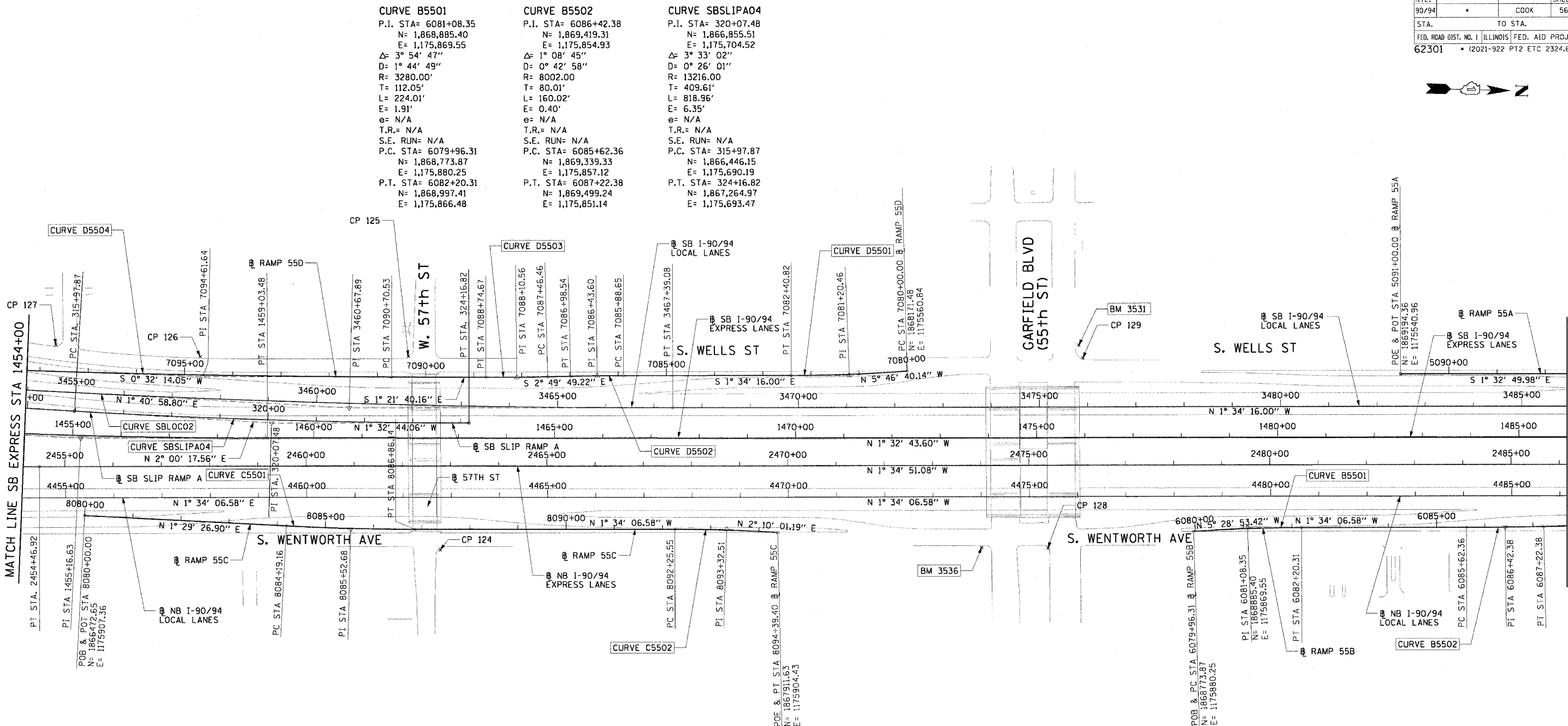
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
ALIGNMENT PLAN
SCALE: 1"=100'
DATE: June 9, 2006
DRAWN BY: NJH/AMM
CHECKED BY: JAL/MS

ALT-4

6/7/2006 14:57 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	39
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 (2021-922 PT2 ETC 2324.6-1P) R-10				



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
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CURVE SBLOCO2 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= 106.95' 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= 64.11' 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= 7086+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= 54.95' 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
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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)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
ALIGNMENT PLAN
SCALE: 1"=100'
DATE: June 9, 2006
DRAWN BY: NJH/AMM
CHECKED BY: JAL/MS

CTE | AECOM

ALT-5
6/7/2006 1:45:59 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	40
STA. TO STA.				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				



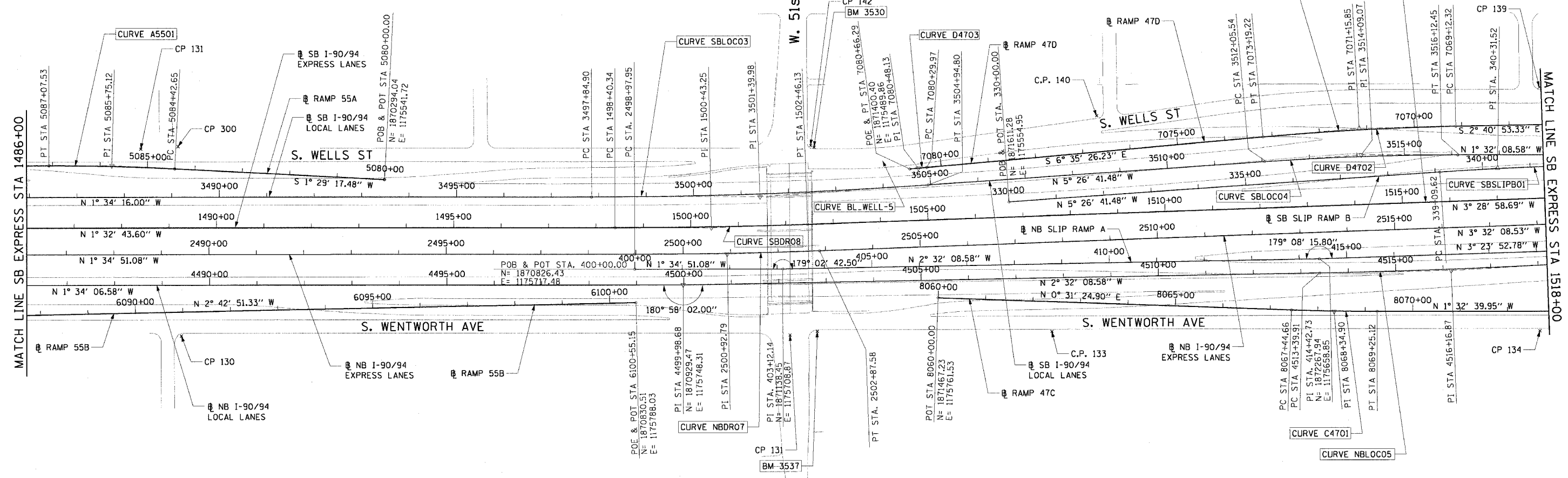
CURVE C4701
P.I. STA= 8068+34.90
N= 1,872,302.10
E= 1,175,769.16
Δ= 2° 04' 05"
D= 1° 08' 45"
R= 5000.00'
T= 90.24'
L= 180.47'
E= 0.81'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 8067+44.66
N= 1,872,211.86
E= 1,175,768.33
P.T. STA= 8069+25.12
N= 1,872,392.31
E= 1,175,766.72

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 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



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= 1,175,436.55
Δ= 3° 54' 33"
D= 0° 57' 39"
R= 5964.00'
T= 203.53'
L= 406.91'
E= 3.47'
e= 2.82'
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= 194.84'
L= 389.63'
E= 1.72'
e= NC
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 1498+40.34
N= 1,870,782.79
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

- NOTES:**
- AVERAGE GRID TO GROUND CONVERSION FACTOR = 1.000010988654360
 - 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)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

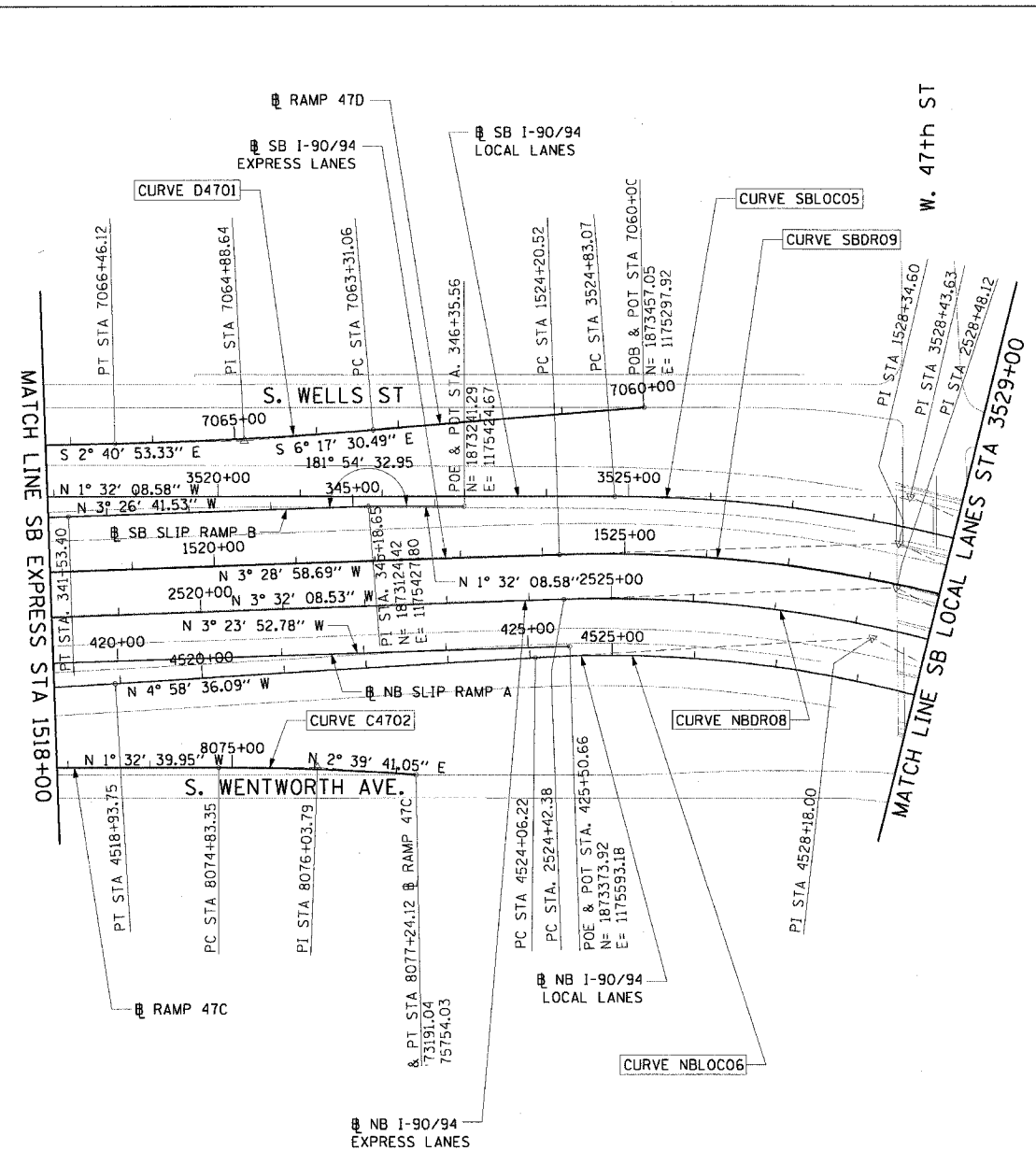
ALIGNMENT PLAN

SCALE: 1"=100'
DATE: June 9, 2006

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



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	41
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
62301	* (2021-922 PT2 ETC 2324.6-1P) R-10			



CURVE D4701
P.I. STA= 7064+88.64
N= 1,872,971.35
E= 1,175,351.47
Δ= 3° 36' 37"
D= 1° 08' 45"
R= 5000.00'
T= 157.58'
L= 315.06'
E= 2.48'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 7063+31.06
N= 1,873,127.98
E= 1,175,334.20
P.T. STA= 7066+46.12
N= 1,872,813.94
E= 1,175,358.84

CURVE C4702
P.I. STA= 8076+03.79
N= 1,873,070.73
E= 1,175,748.43
Δ= 4° 12' 21"
D= 1° 44' 49"
R= 3280.00'
T= 120.44'
L= 240.77'
E= 2.21'
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 8074+83.35
N= 1,872,950.33
E= 1,175,751.68
P.T. STA= 8077+24.12
N= 1,873,191.04
E= 1,175,754.03

CURVE SBLOC05
P.I. STA = 3528+43.63
N= 1,873,784.42
E= 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%
S.A. = STA 3522+04.49 TO
STA 3526+01.07
T.R. = 42.58'
S.E. RUN = 354.00'
S.R. = BEGIN CONTINUOUSLY
ROTATING PLANE
AT STA 3530+92.51
P.C. STA = 3524+83.07
N= 1,873,423.99
E= 1,175,407.76
P.T. STA = 3531+93.80
N= 1,874,118.14
E= 1,175,534.63

CURVE SBDR09
P.I. STA = 1528+34.60
N= 1,873,771.86
E= 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%
S.A. = STA 1521+84.22 TO
STA 1525+21.75
T.R. = 33.53'
S.E. RUN = 304.00'
S.R. = BEGIN CONTINUOUSLY
ROTATING PLANE
AT STA 1531+40.60
P.C. STA = 1524+20.52
N= 1,873,358.54
E= 1,175,480.67
P.T. STA = 1532+32.87
N= 1,874,150.45
E= 1,175,623.26

CURVE NBDRO8
P.I. STA = 2528+48.12
N= 1,873,770.44
E= 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%
S.A. = STA 2521+65.07 TO
STA 2525+47.05
T.R. = 67.98'
S.E. RUN = 314.00'
S.R. = BEGIN CONTINUOUSLY
ROTATING PLANE
AT STA 2531+59.12
P.C. STA = 2524+42.38
N= 1,873,365.47
E= 1,175,535.22
P.T. STA = 2532+36.06
N= 1,874,135.73
E= 1,175,686.80

CURVE NBLOC06
P.I. STA = 4528+18.00
N= 1,873,742.76
E= 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%
S.A. = STA 4521+22.64 TO
STA 4525+10.89
T.R. = 74.25'
S.E. RUN = 314.00'
S.R. = BEGIN CONTINUOUSLY
ROTATING PLANE
AT STA 4531+18.51
P.C. STA = 4524+06.22
N= 1,873,332.54
E= 1,175,608.23
P.T. STA = 4532+09.87
N= 1,874,113.48
E= 1,175,751.74

NOTES:

- AVERAGE GRID TO GROUND CONVERSION FACTOR = 1.000010988654360
- 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)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

ALIGNMENT PLAN

SCALE: 1"=100'
DATE: June 9, 2006
DRAWN BY: NJH/AMM
CHECKED BY: JAL/MS



ALT-7

6/7/2006 4:46:02 PM

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%
S.A. = END CONTINUOUSLY ROTATING PLANE AT STA 1537+03.93
T.R. = 68.20'
S.E. RUN = 315.00'
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_f = 1,875,141.96
E_f = 1,175,903.41

PROP. CURVE EL4300
P.C. 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'
e = 5.9%
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_f = 1,875,588.15
E_f = 1,175,826.55

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_f = 1,875,069.72
E_f = 1,175,702.20

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 719+00.06 TO STA 720+38.59
S.E. RUN = MATCH EXISTING
S.R. = STA 725+72.77 TO STA 727+63.41 (1.83%)
P.C. STA = 719+92.41
N_i = 1,875,137.42
E_i = 1,175,830.77
P.T. STA = 726+18.95
N_f = 1,874,527.76
E_f = 1,175,707.50

PROP. CURVE A4701
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_f = 1,873,854.99
E_f = 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%
S.A. = STA 5060+00 (3.58%) TO STA 5061+21.86
S.E. RUN = MATCH EXISTING
S.R. = STA 5067+13.48 TO STA 5067+83.48
P.C. STA = 5060+98.86
N_i = 1,875,087.21
E_i = 1,175,756.48
P.T. STA = 5067+36.48
N_f = 1,874,477.28
E_f = 1,175,585.12

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%
S.A. = STA 7053+09.79 TO STA 7053+87.79
S.E. RUN = MATCH EXISTING
S.R. = STA 7055+12.15 TO STA 7055+90.15
P.C. STA = 7053+61.79
N_i = 1,875,881.65
E_i = 1,175,727.39
P.T. STA = 7055+38.15
N_f = 1,875,706.31
E_f = 1,175,745.28

PROP. CURVE NBDR09
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'
e = 6.0%
S.A. = END CONTINUOUSLY ROTATING PLANE AT STA 2536+24.82
T.R. = 33.10'
S.E. RUN = 320.00'
S.R. = STA 2541+22.82 TO STA 2544+75.92
P.C. STA = 2536+24.82
N_i = 1,874,487.21
E_i = 1,175,852.82
P.T. STA = 2542+29.49
N_f = 1,875,077.65
E_f = 1,175,961.17

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%
S.A. = END CONTINUOUSLY ROTATING PLANE AT STA 3537+00.25
T.R. = 68.79'
S.E. RUN = 380.00'
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_f = 1,875,147.67
E_f = 1,175,813.52

PROP. CURVE NBLOC07
P.I. STA = 4539+56.47
N_i = 1,874,785.65
E_i = 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. = END CONTINUOUSLY ROTATING PLANE AT STA 4536+66.66
T.R. = 68.49'
S.E. RUN = 393.00'
S.R. = STA 4541+90.43 TO STA 4546+51.92
P.C. STA = 4535+98.96
N_i = 1,874,442.48
E_i = 1,175,910.80
P.T. STA = 4543+21.43
N_f = 1,875,166.27
E_f = 1,176,056.22

PROP. CURVE B4700
P.I. STA = 6065+87.40
N_i = 1,874,784.51
E_i = 1,176,124.85
Δ = 24° 04' 19" (LT)
D = 4° 24' 27"
R = 1,300.00'
T = 277.18'
L = 546.17'
E = 29.22'
e = 4.9%
S.A. = STA 6061+55.16 TO STA 6063+58.24
S.R. = STA 6068+08.40 TO STA 6068+51.92
P.C. STA = 6063+10.23
N_i = 1,874,525.73
E_i = 1,176,025.56
P.T. STA = 6068+56.40
N_f = 1,875,061.29
E_f = 1,176,109.94

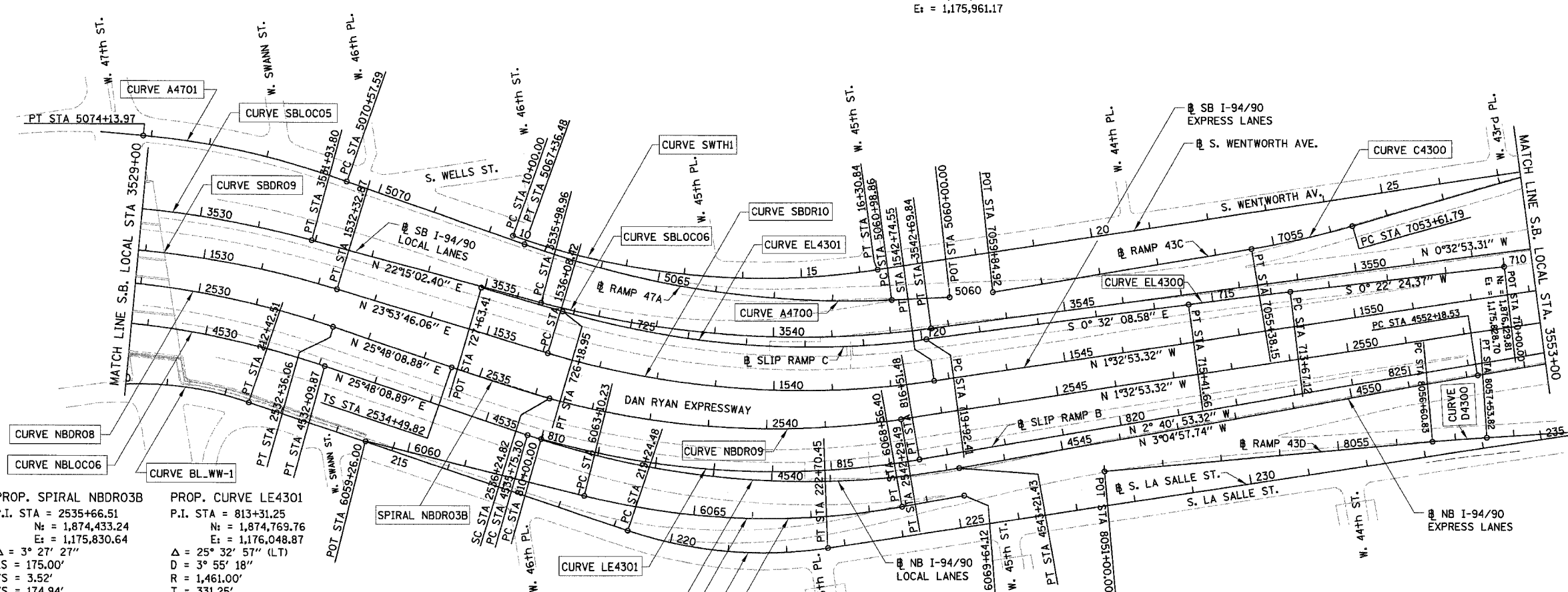
PROP. CURVE BL_WW-1
P.I. STA = 211+05.58
N_i = 1,873,849.12
E_i = 1,175,736.29
Δ = 27° 13' 24" (RT)
D = 9° 44' 58"
R = 587.69'
T = 142.30'
L = 279.23'
E = 16.98'
e = MATCH EXISTING
T.R. = MATCH EXISTING
S.E. RUN = MATCH EXISTING
P.C. STA = 209+63.28
N_i = 1,873,706.87
E_i = 1,175,740.12
P.T. STA = 212+42.51
N_f = 1,873,977.37
E_f = 1,175,797.95

PROP. SPIRAL NBDR03B
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'
T.S. STA = 2534+49.82
N_i = 1,874,328.19
E_i = 1,175,779.85
S.C. STA = 2536+24.82
N_f = 1,874,487.21
E_f = 1,175,852.82

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%
S.A. = STA 810+00.00 (4.45%) TO STA 810+67.35
T.R. = 71.04'
S.E. RUN = 208.68'
S.R. = STA 815+81.92 TO STA 818+61.64
P.C. STA = 810+00.00
N_i = 1,874,464.55
E_i = 1,175,920.15
P.T. STA = 816+51.48
N_f = 1,875,100.65
E_f = 1,176,033.38

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'
e = MATCH EXISTING
T.R. = MATCH EXISTING
S.E. RUN = MATCH EXISTING
P.C. STA = 219+24.48
N_i = 1,874,591.98
E_i = 1,176,093.48
P.T. STA = 222+70.45
N_f = 1,874,927.16
E_f = 1,176,164.84

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%
S.A. = STA 8056+54.83 TO STA 8056+63.83
S.R. = STA 8057+50.82 TO STA 8057+59.82
P.C. STA = 8056+60.83
N_i = 1,875,971.65
E_i = 1,176,110.86
P.T. STA = 8057+53.82
N_f = 1,876,064.53
E_f = 1,176,115.06



- NOTES:**
- AVERAGE GRID TO GROUND CONVERSION FACTOR = 1.000010988654360
 - FOR BENCH MARK INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.
 - FOR RAMP P.O.T. INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
NAME	DATE	
		ALIGNMENT PLAN

SCALE: 1"=100'
DATE: 06/09/06
DRAWN BY: JDC
CHECKED BY: RS

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

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	43
STA. 3553+00.00		TO STA. 3585+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

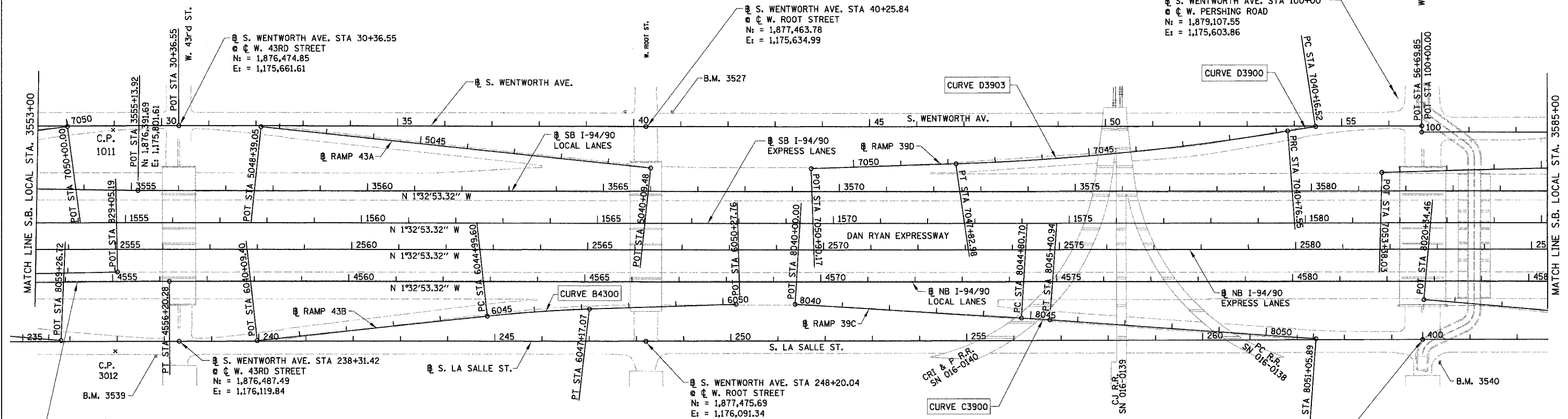
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10

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 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

- NOTES:**
- AVERAGE GRID TO GROUND CONVERSION
FACTOR = 1.000010988654360
 - FOR BENCH MARK INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.
 - FOR RAMP P.O.T. INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.

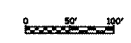
REVISIONS	
NAME	DATE

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

ALIGNMENT PLAN

SCALE: 1"=100'
DATE: 06/09/06
DRAWN BY: JDC
CHECKED BY: RS

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



6/7/2006 2:05:43 PM
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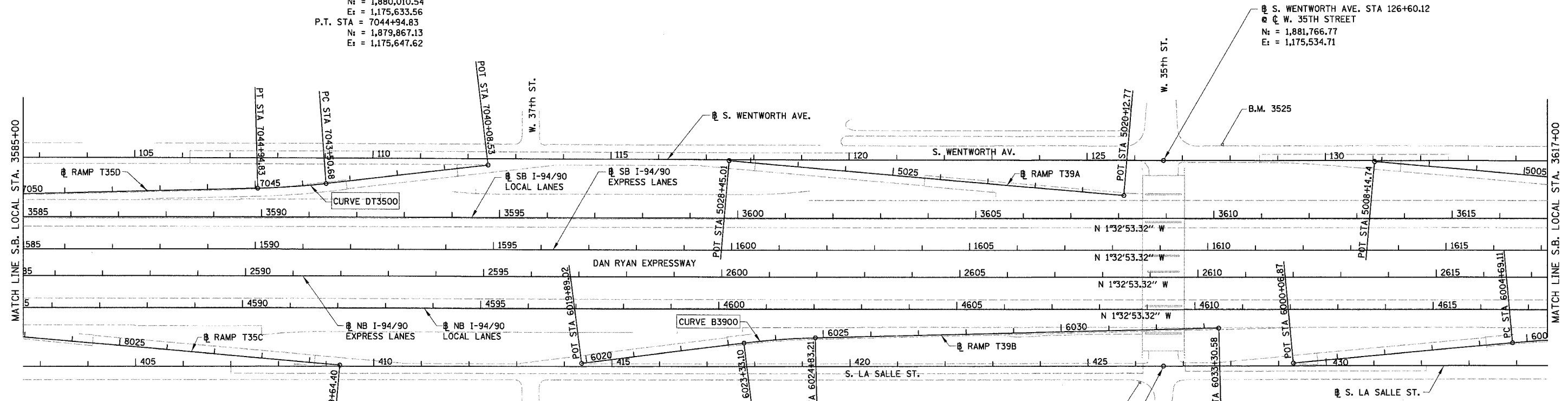
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	44
STA. 3585+00.00		TO STA. 3617+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				

PROP. CURVE DT3500
P.I. STA = 7044+22.81
N_s = 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_s = 1,880,010.54
E_s = 1,175,633.56
P.T. STA = 7044+94.83
N_s = 1,879,867.13
E_s = 1,175,647.62

PROP. CURVE B3900
P.I. STA = 6024+08.22
N_s = 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_s = 1,880,896.76
E_s = 1,175,943.46
P.T. STA = 6024+83.21
N_s = 1,881,046.01
E_s = 1,175,928.09

B.M. 3541
S. LASALLE ST. STA 426+58.57
W. 35TH STREET
N_s = 1,881,778.46
E_s = 1,175,967.25

B.M. 3525
S. WENTWORTH AVE. STA 126+60.12
W. 35TH STREET
N_s = 1,881,766.77
E_s = 1,175,534.71



- NOTES:**
- AVERAGE GRID TO GROUND CONVERSION
FACTOR = 1.000010988654360
 - FOR BENCH MARK INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.
 - FOR RAMP P.O.T. INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
NAME	DATE	
		ALIGNMENT PLAN

SCALE: 1"=100'
DATE: 06/09/06
DRAWN BY: JDC
CHECKED BY: RS

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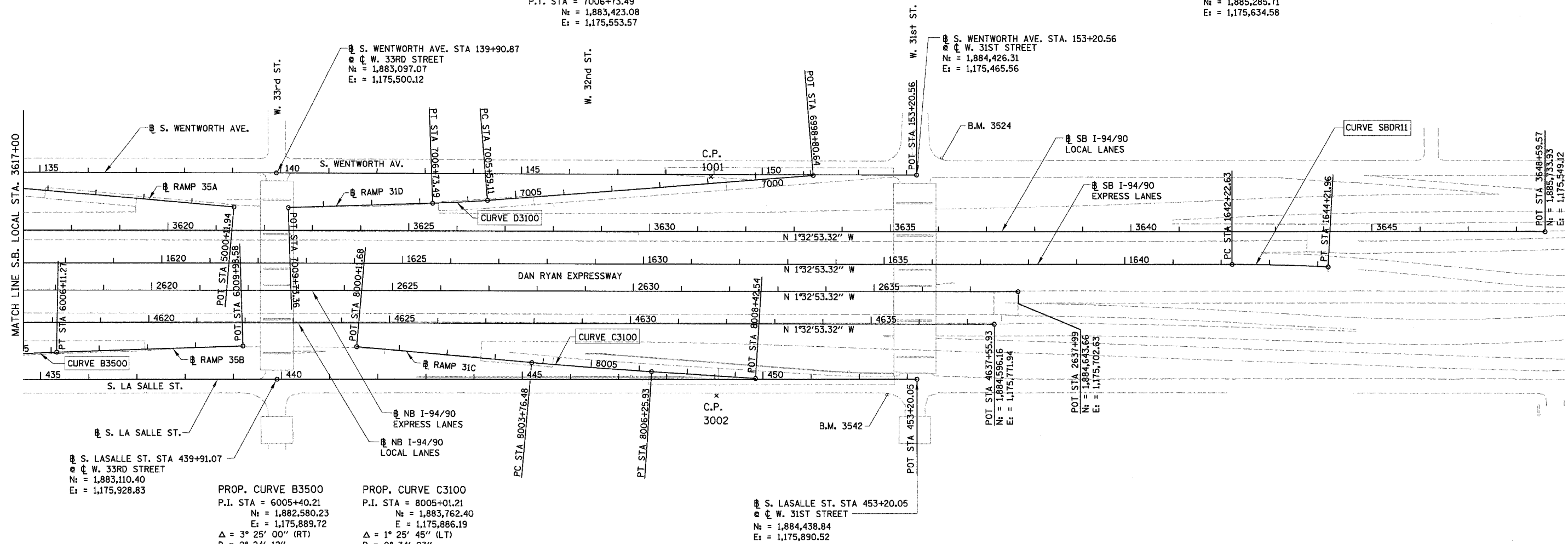


6/17/2006 2:06:04 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	45
STA. 3617+00.00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301 * (2021-922 PT2 ETC 2324.6-1P) R-10				

PROP. CURVE D3100
P.I. STA = 7006+16.31
N_c = 1,883,480.18
E_c = 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_c = 1,883,537.06
E_c = 1,175,544.09
P.T. STA = 7006+73.49
N_c = 1,883,423.08
E_c = 1,175,553.57

PROP. CURVE SBDR11
P.I. STA = 1643+22.32
N_c = 1,885,186.06
E_c = 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_c = 1,885,086.40
E_c = 1,175,634.65
P.T. STA = 1644+21.96
N_c = 1,885,285.71
E_c = 1,175,634.58



S. LASALLE ST. STA 439+91.07
W. 33RD STREET
N_c = 1,883,110.40
E_c = 1,175,928.83

PROP. CURVE B3500
P.I. STA = 6005+40.21
N_c = 1,882,580.23
E_c = 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_c = 1,882,509.63
E_c = 1,175,898.23
P.T. STA = 6006+11.27
N_c = 1,882,651.20
E_c = 1,175,895.43

PROP. CURVE C3100
P.I. STA = 8005+01.21
N_c = 1,883,762.40
E_c = 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_c = 1,883,637.89
E_c = 1,175,878.68
P.T. STA = 8006+25.93
N_c = 1,883,887.05
E_c = 1,175,890.60

S. LASALLE ST. STA 453+20.05
W. 31ST STREET
N_c = 1,884,438.84
E_c = 1,175,890.52

- NOTES:**
- AVERAGE GRID TO GROUND CONVERSION
FACTOR = 1.000010988654360
 - FOR BENCH MARK INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.
 - FOR RAMP P.O.T. INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.

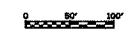
REVISIONS	
NAME	DATE

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

ALIGNMENT PLAN

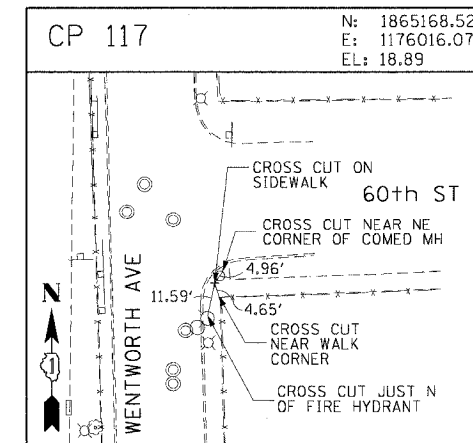
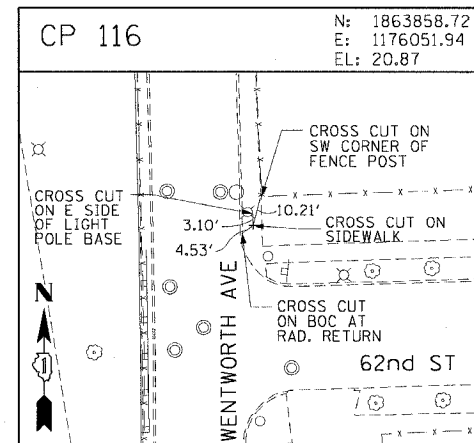
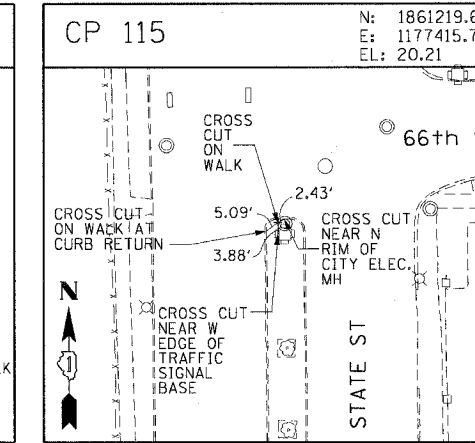
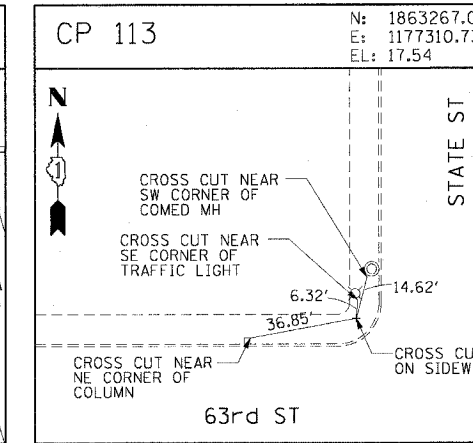
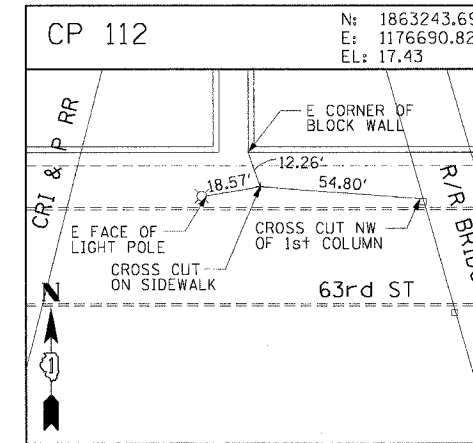
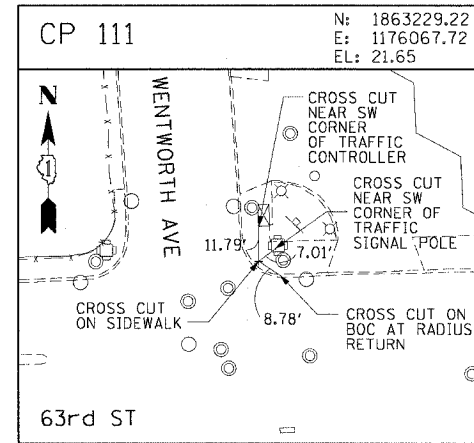
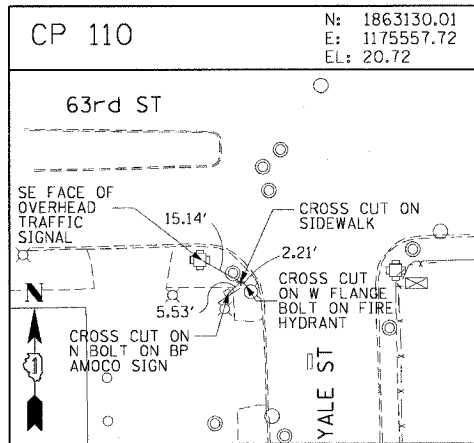
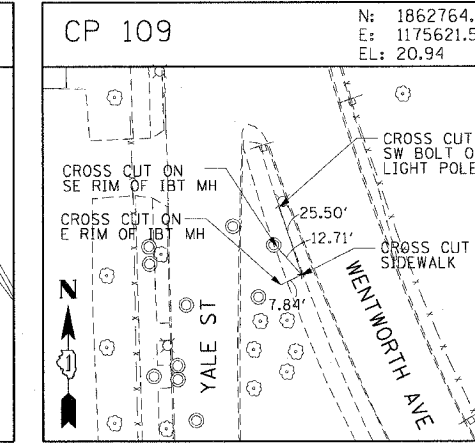
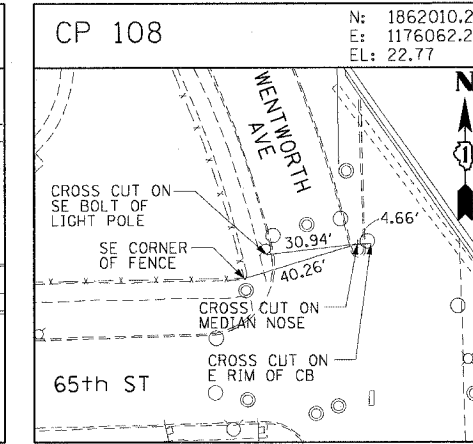
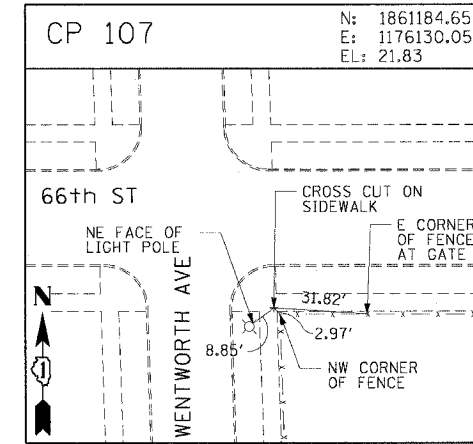
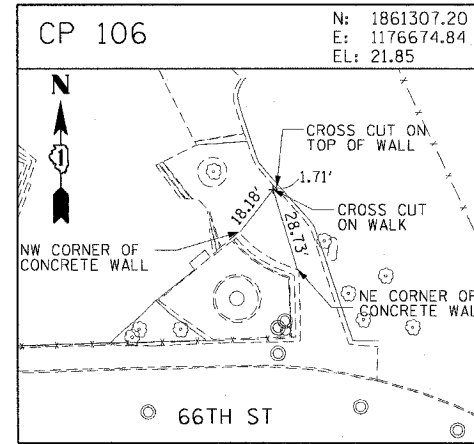
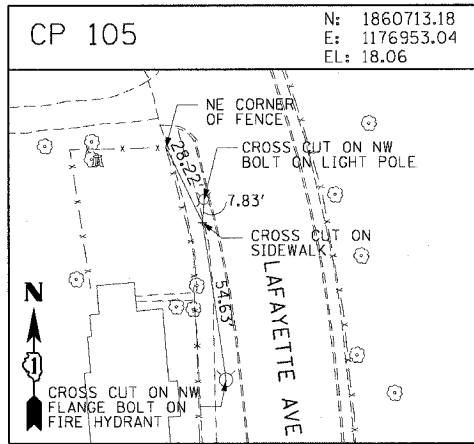
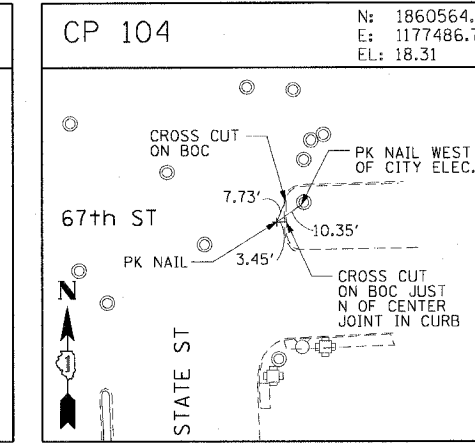
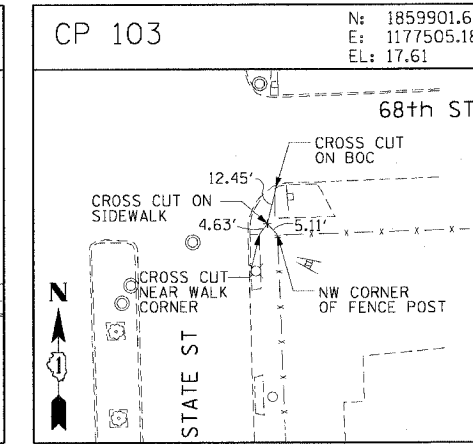
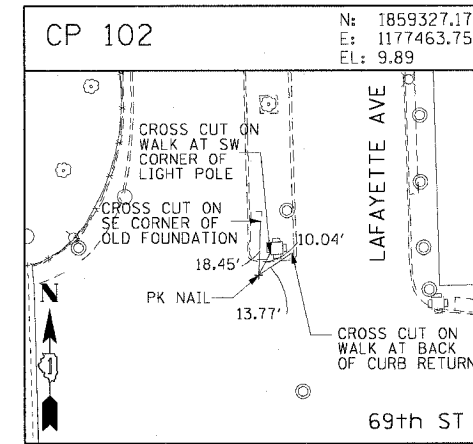
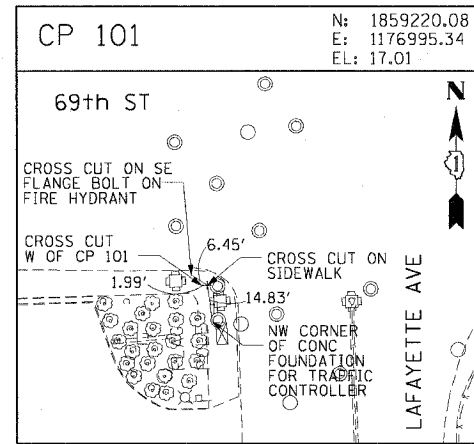
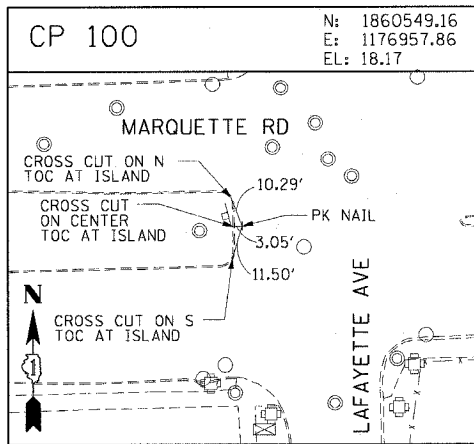
SCALE: 1"=100'
DATE: 06/09/06
DRAWN BY: JDC
CHECKED BY: RS

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6/7/2006 2:07:43 PM ALT-11

F.A.I. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	46
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 * (2021-922 PT2 ETC 2324.6-1P) R-10				



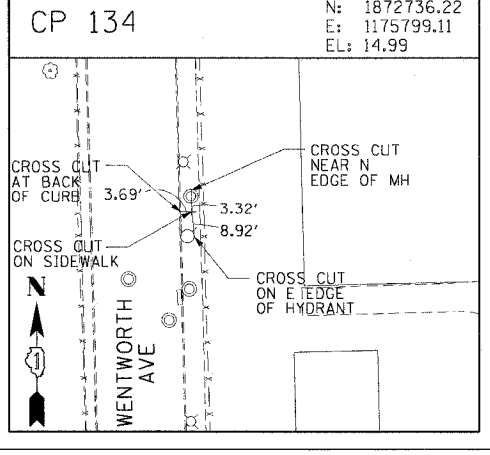
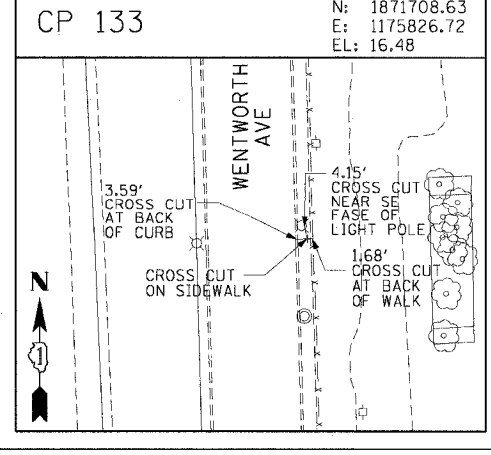
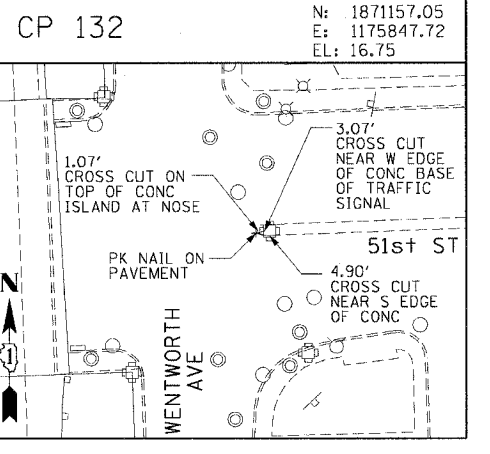
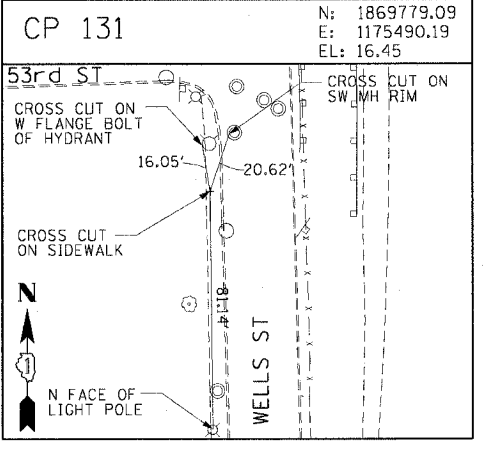
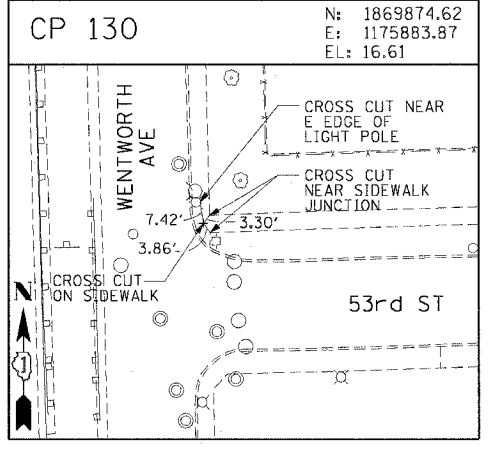
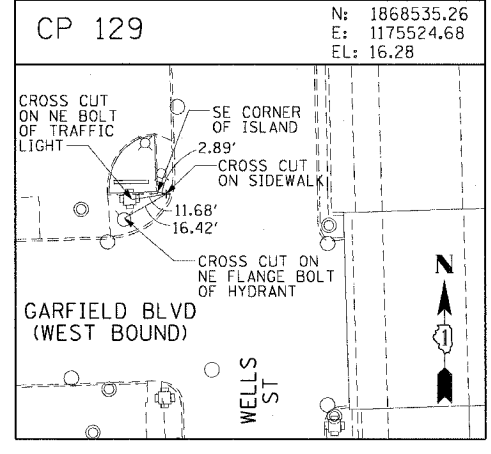
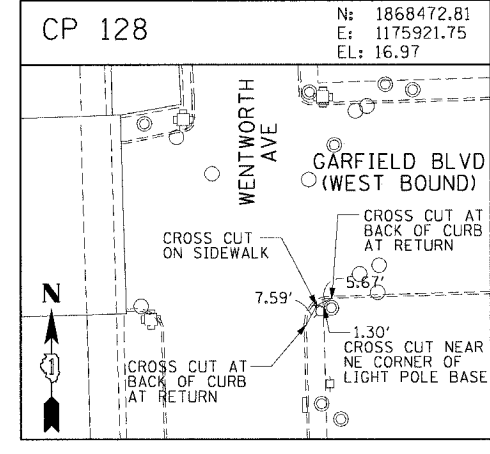
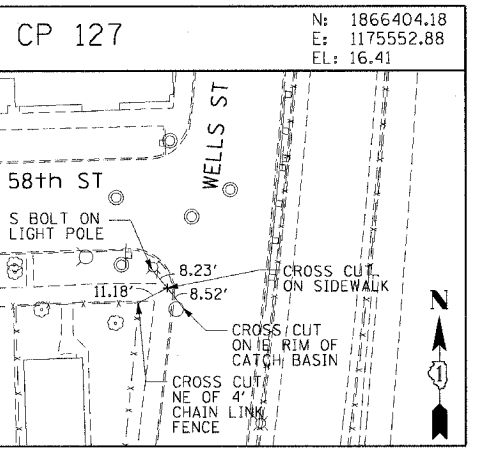
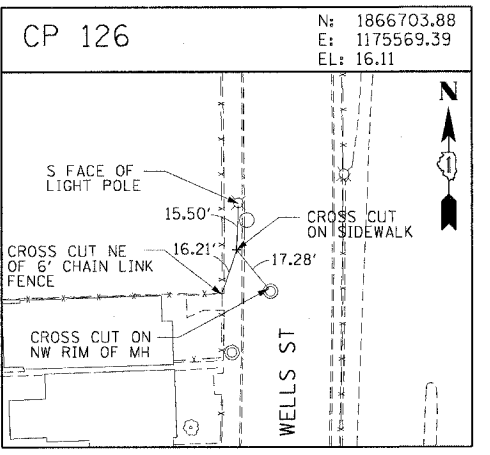
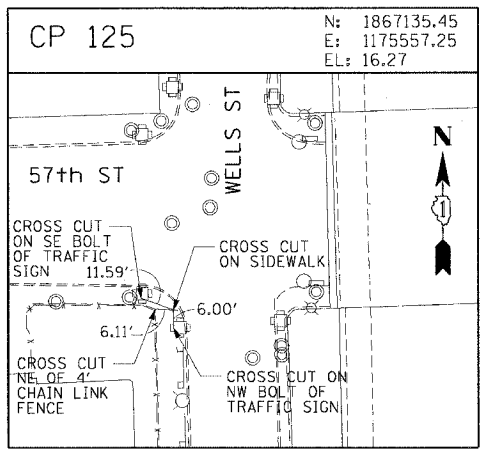
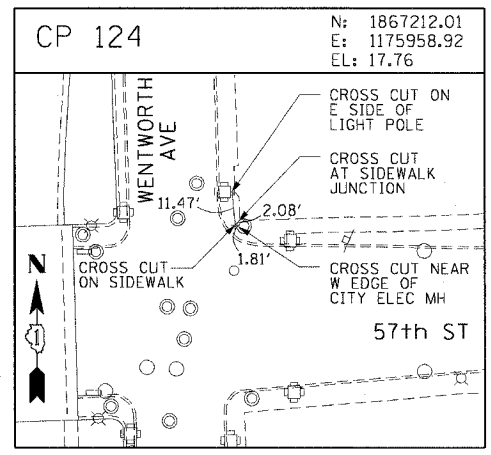
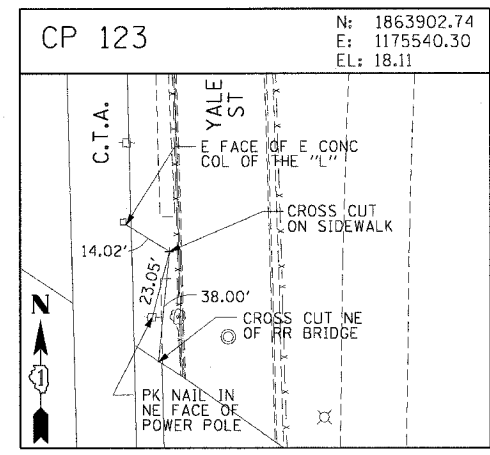
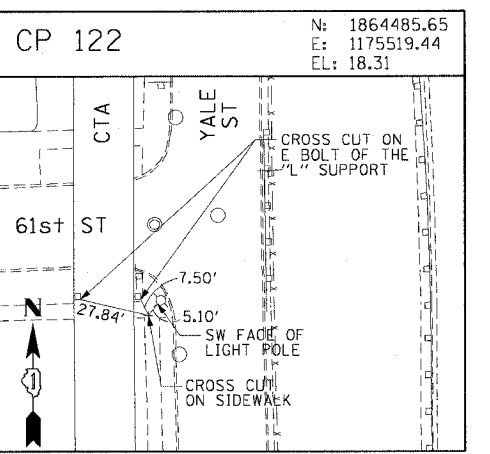
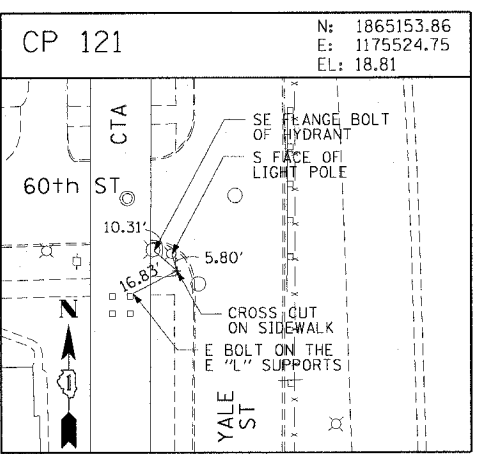
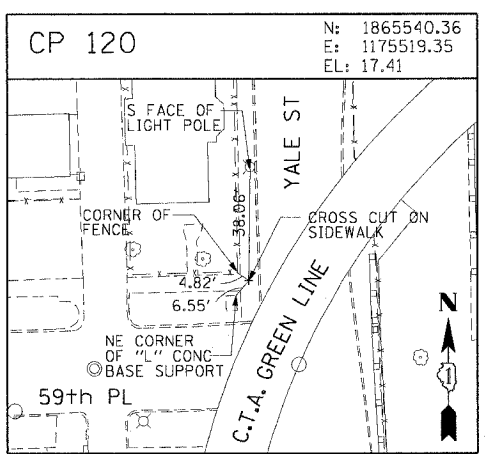
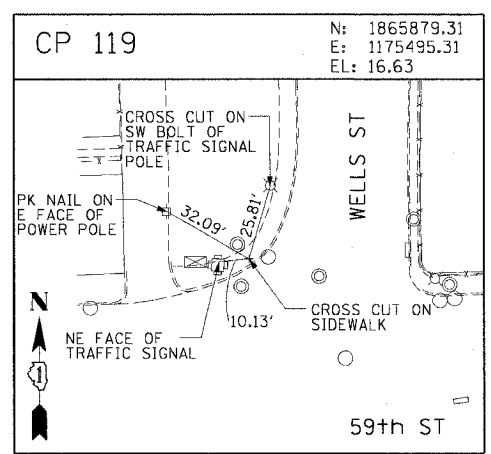
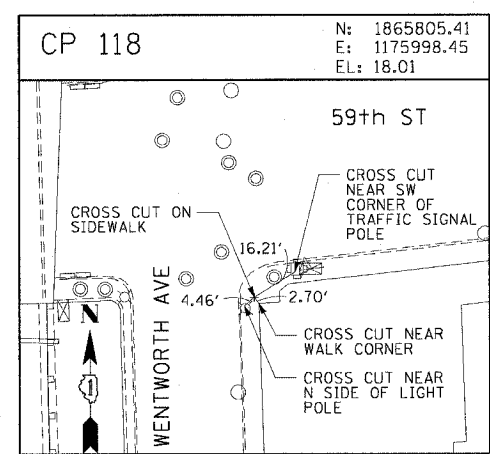
CTE | AECOM

REVISIONS	
NAME	DATE

ALT-12
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SURVEY TIES AND CONTROL POINTS
 SCALE: 1"=30'
 DATE: June 9, 2006
 DRAWN BY: MRK
 CHECKED BY: JAL

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	47
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-IP) R-10				



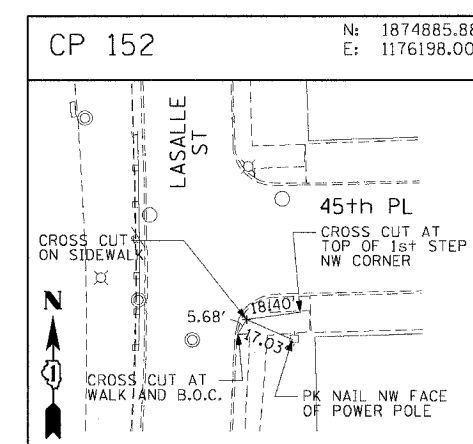
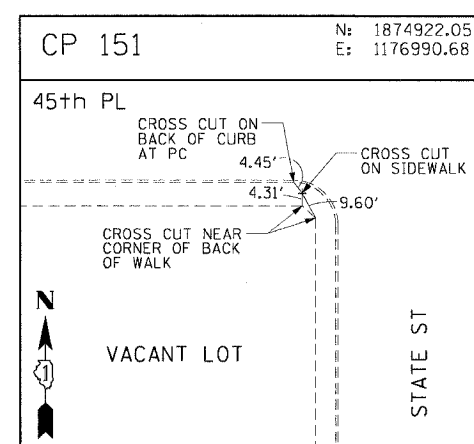
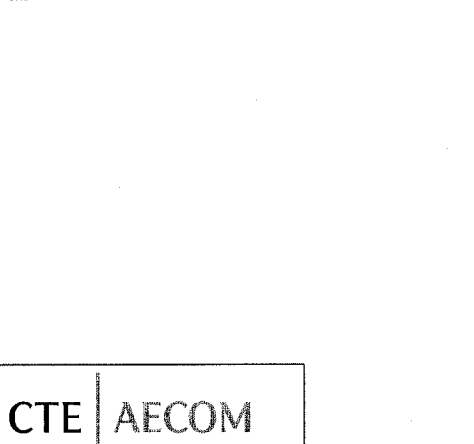
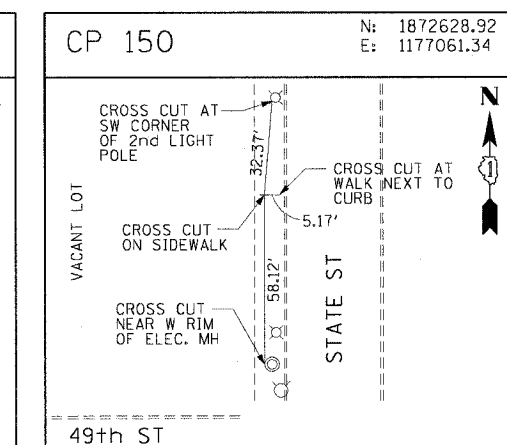
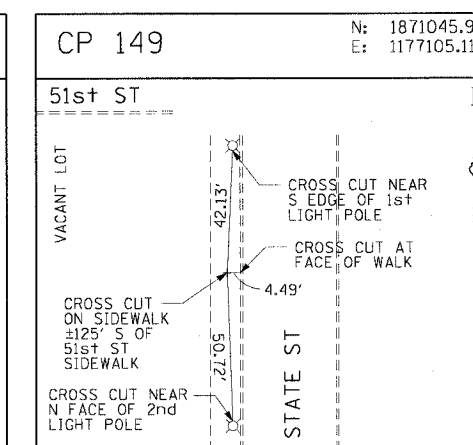
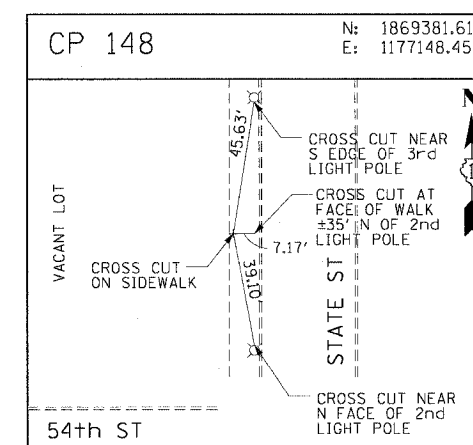
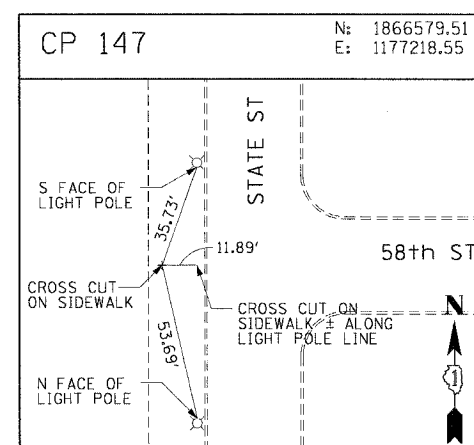
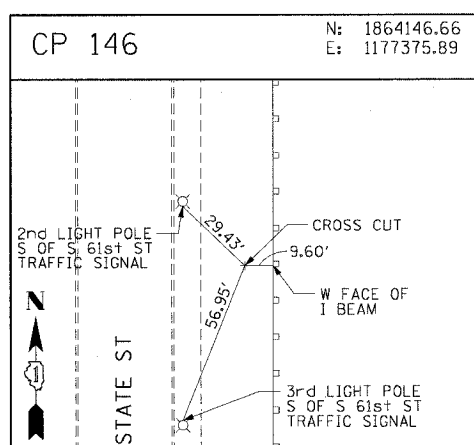
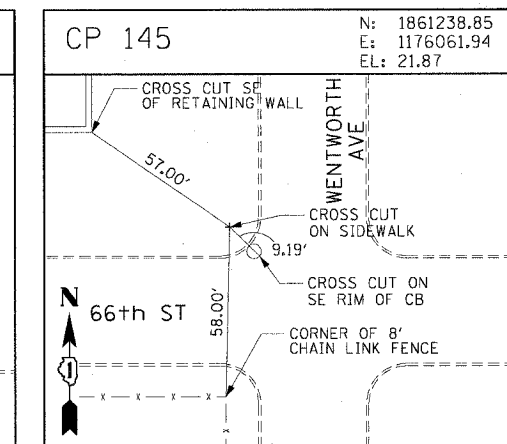
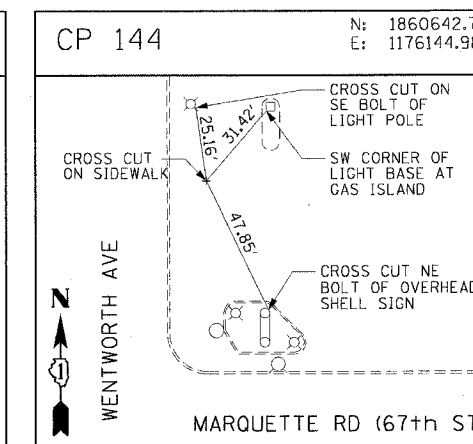
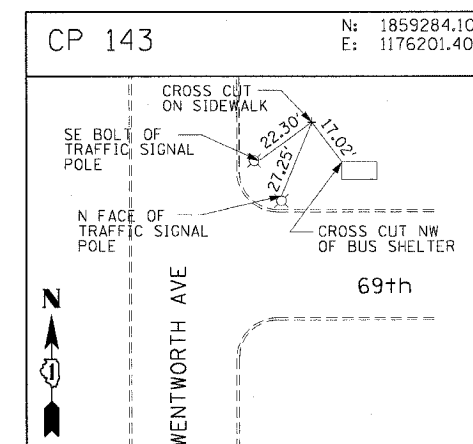
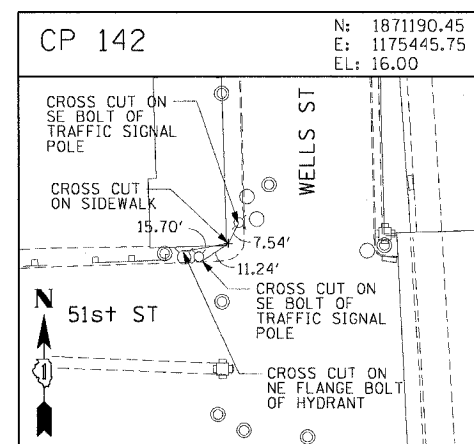
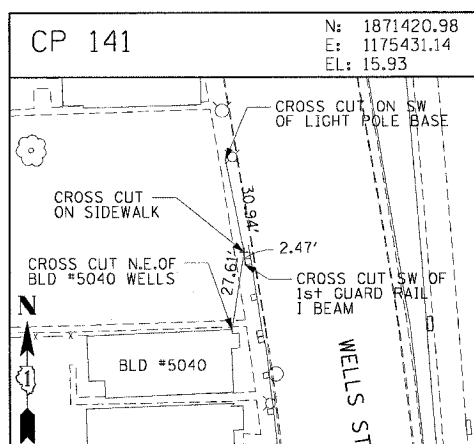
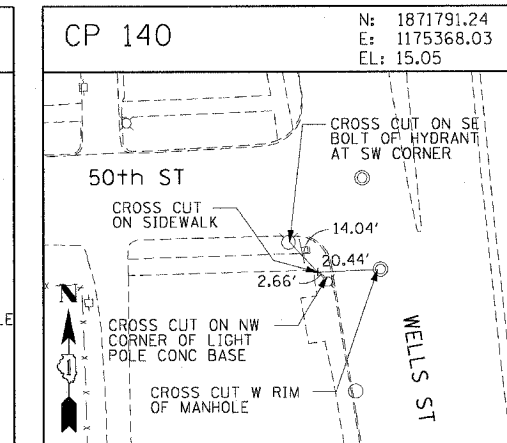
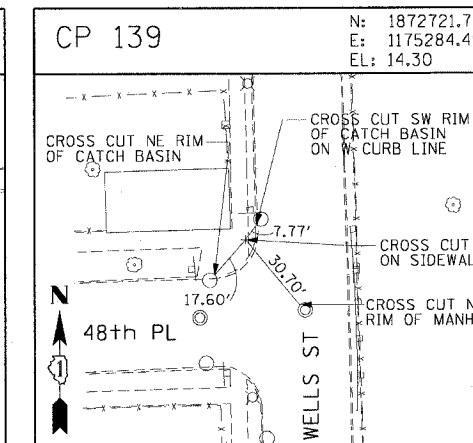
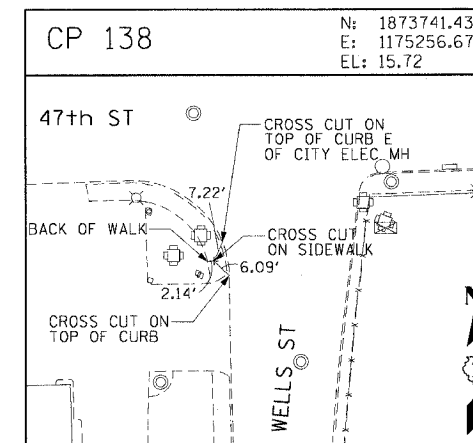
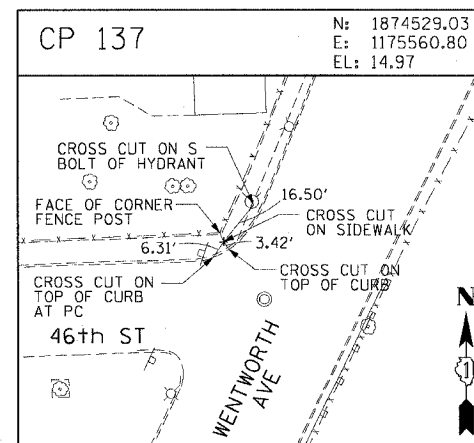
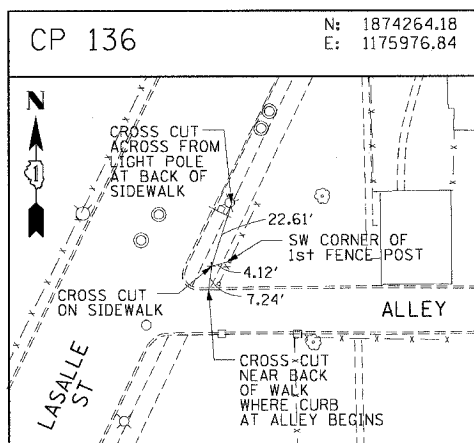
CTE | AECOM

REVISIONS	
NAME	DATE

ALT-13
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SURVEY TIES AND CONTROL POINTS
 SCALE: 1"=30'
 DATE: June 9, 2006
 DRAWN BY: MRK
 CHECKED BY: JAL

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	48
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 * (2021-922 PT2 ETC 2324.6-IP) R-10				



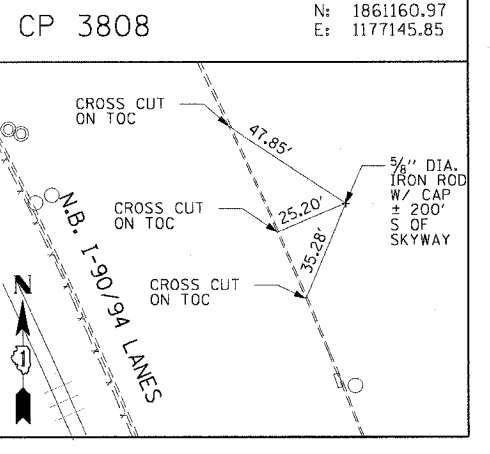
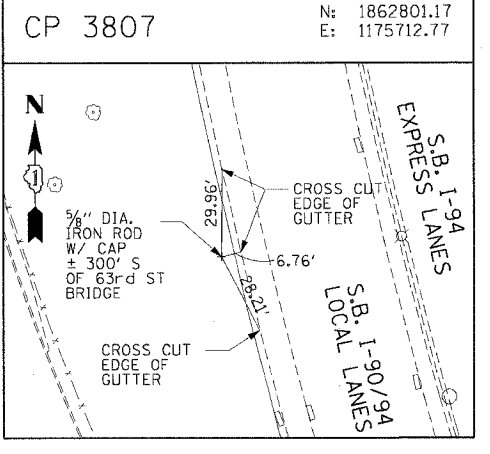
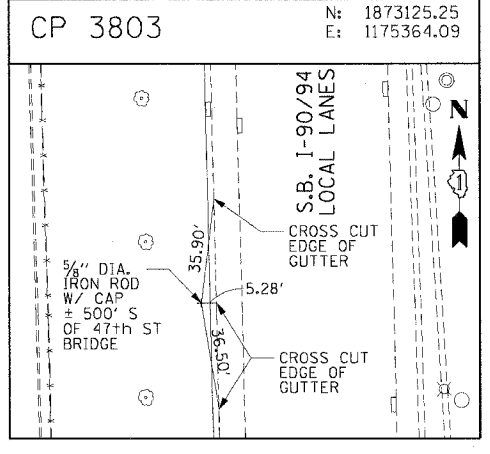
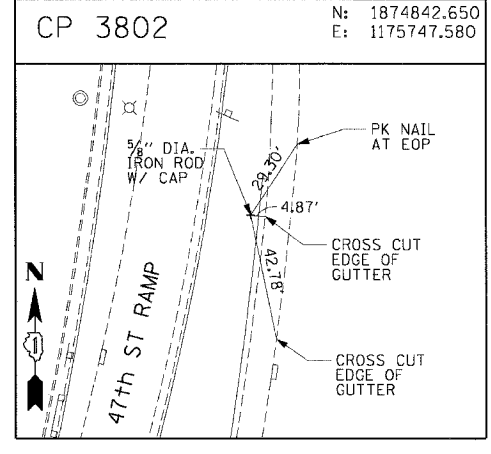
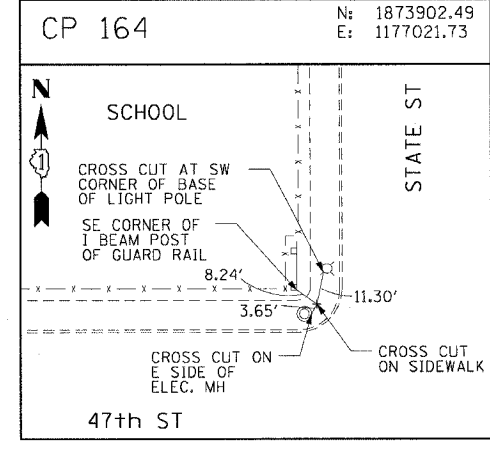
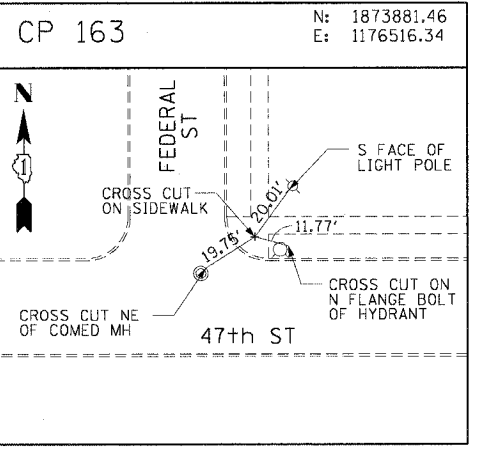
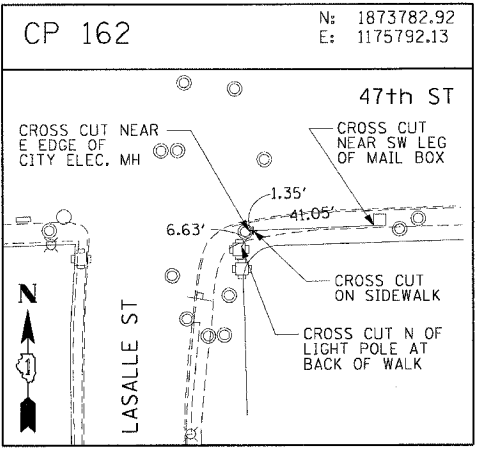
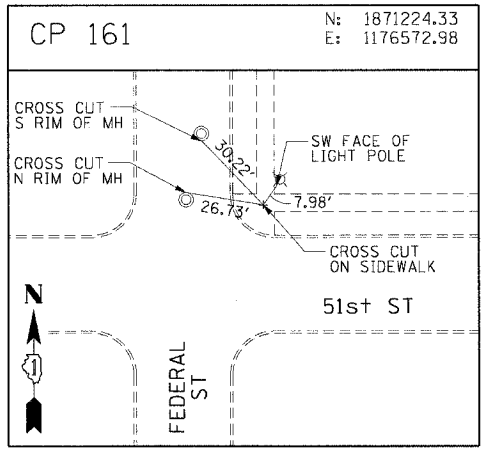
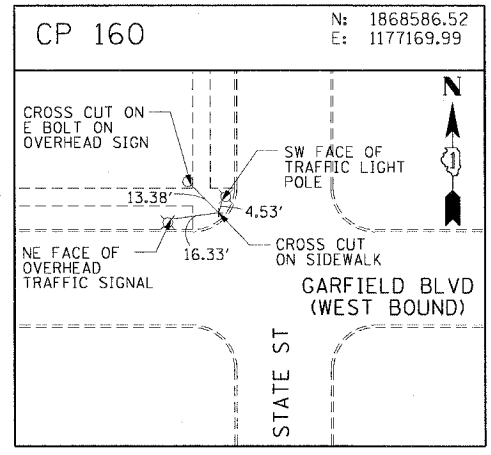
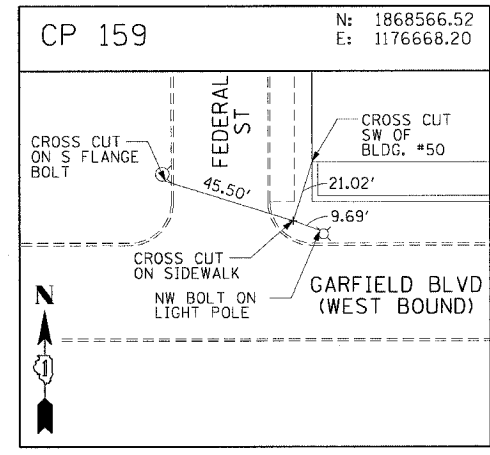
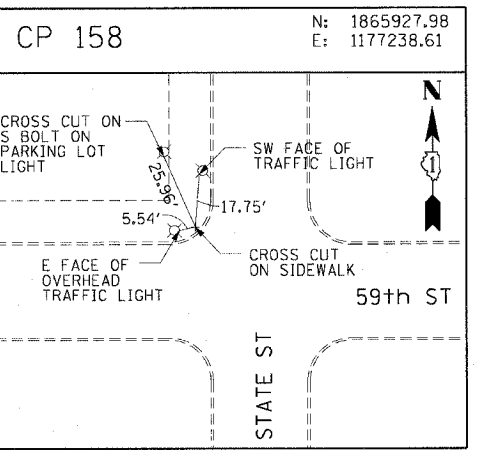
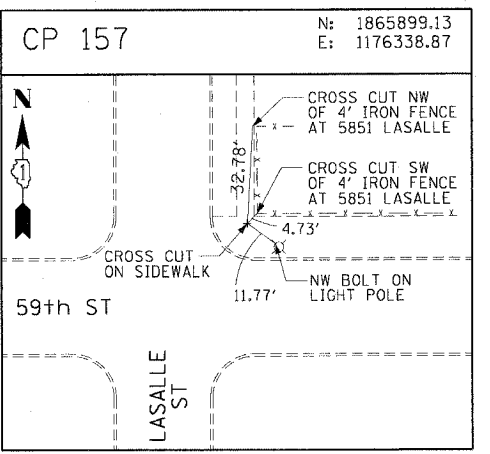
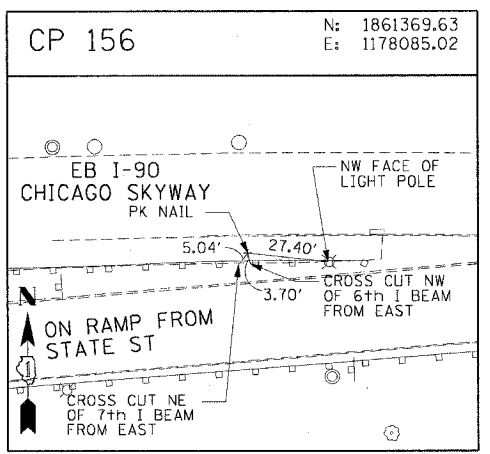
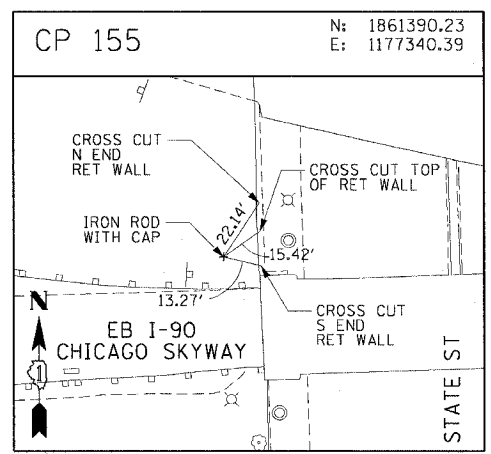
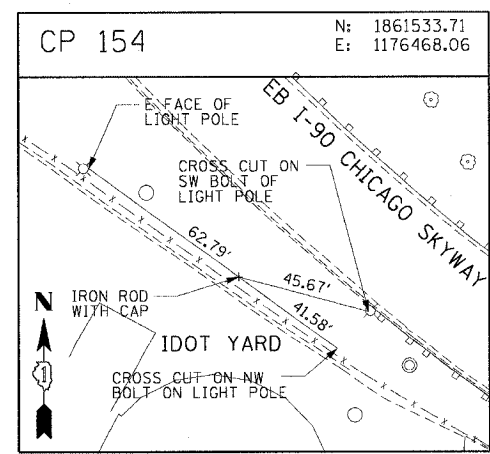
CTE | AECOM

REVISIONS	
NAME	DATE

ALT-14
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SURVEY TIES AND CONTROL POINTS
SCALE: 1"=30'
DATE: June 9, 2006
DRAWN BY: MRK
CHECKED BY: JAL

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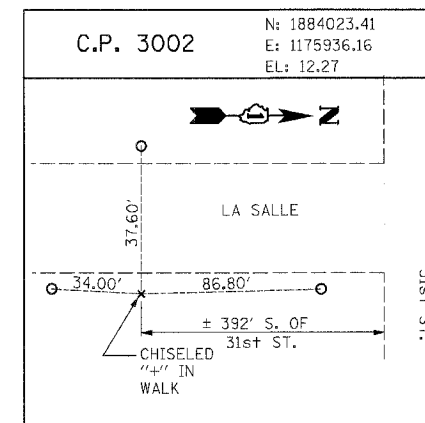
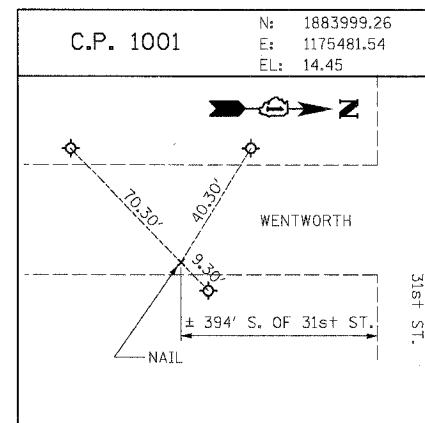
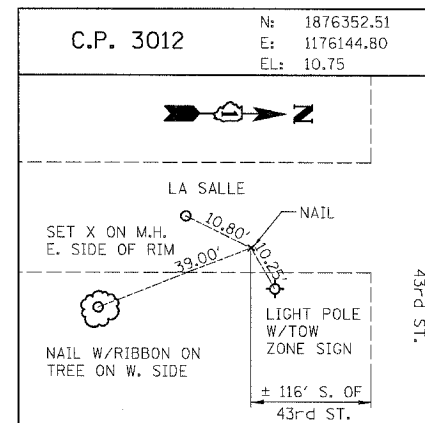
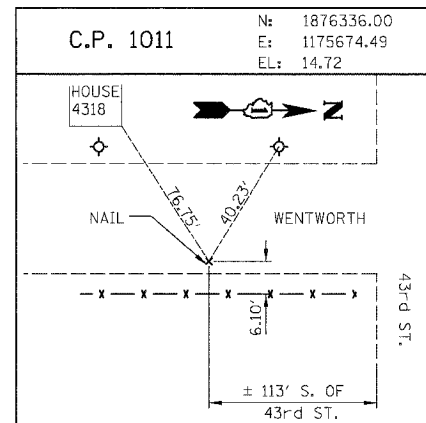
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	49
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				



REVISIONS	
NAME	DATE

ALT-15
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SURVEY TIES AND CONTROL POINTS
 SCALE: 1"=30'
 DATE: June 9, 2006
 DRAWN BY: MRK
 CHECKED BY: JAL

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RAMP P.O.T. COORDINATE INFORMATION

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.

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

REVISIONS	
NAME	DATE

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

SURVEY TIES AND CONTROL POINTS
SCALE: 1"=100'
DATE: 06/09/06

DRAWN BY: JDC
CHECKED BY: RS

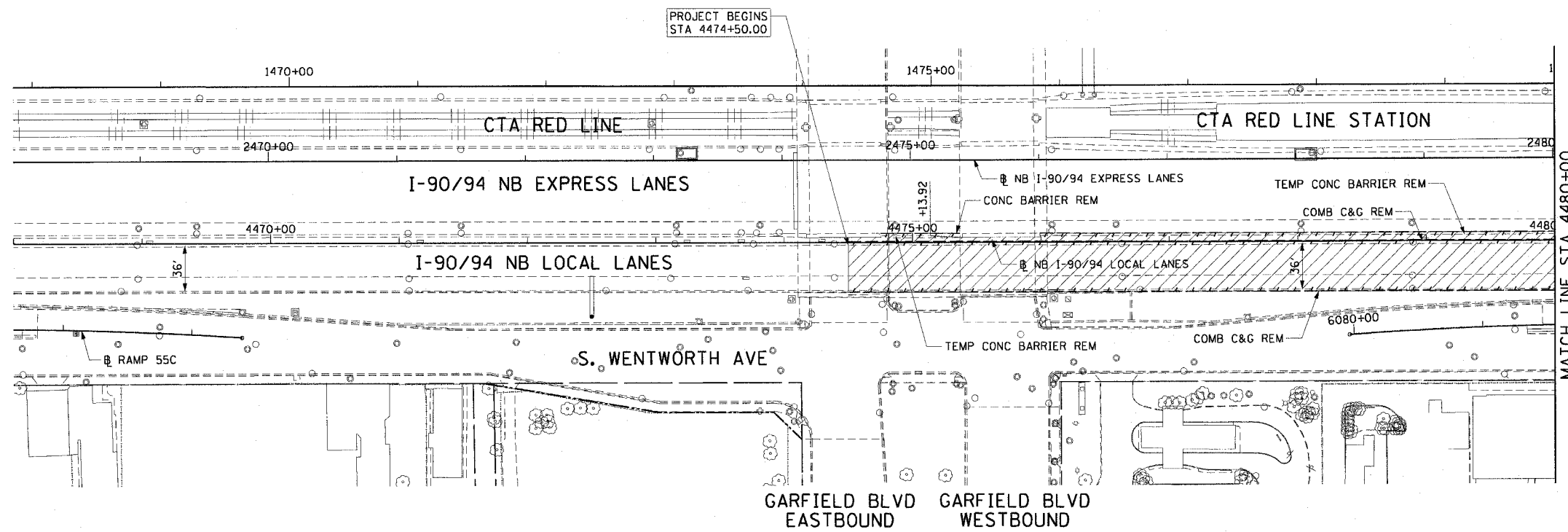
ALT-16
PAGE 2 OF 2

F.A.I. RTE. 90/94	SECTION	COUNTY COOK	TOTAL SHEETS 565	SHEET NO. 51
STA. 4474+50		TO STA. 4480+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				



LEGEND:

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- LINEAR REMOVALS
- TEMPORARY FENCE
- SPOT REMOVAL
- EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS



EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS

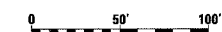
LEGEND:

- HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

NOTES:

1. STATION CALLOUTS ARE FROM THE NB I-90/94 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
2. SEE ROADWAY DETAILS FOR BARRIER WALL TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
3. SEE ALIGNMENT PLANS FOR CURVE DATA.
4. SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.

PT.	STATION	OFFSET	LOC
C1	4477+20.35	44.00' RT	EOS



RDY-1

REVISIONS	
NAME	DATE

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

EXISTING AND PROPOSED ROADWAY PLANS

SCALE: 1"=50'
DATE: June 9, 2006

DRAWN BY: PHP
CHECKED BY: NJH

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CONTINUOUSLY REINFORCED PCC PAVEMENT, 14"
STABILIZED SUB-BASE, 6"
SUB-BASE GRANULAR MATERIAL, TY B 24"

GARFIELD BLVD EASTBOUND
GARFIELD BLVD WESTBOUND

SHOULDER RUMBLE STRIP

COMB CONC C&G
TYPE M-4.24
PCC SHOULDERS, 14"

CONCRETE MEDIAN SURFACE, 6" (SPECIAL)

PCC SHOULDERS, 14"

CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT

SHOULDER RUMBLE STRIP

CONCRETE BARRIER TRANSITION

CONCRETE BARRIER TRANSITION

NB I-90/94 EXPRESS LANES

NB I-90/94 LOCAL LANES

I-90/94 NB LOCAL LANES

I-90/94 NB EXPRESS LANES

CTA RED LINE

CTA RED LINE STATION

S. WENTWORTH AVE

RAMP 55C

RAMP 55B

MATCH LINE STA 4480+00

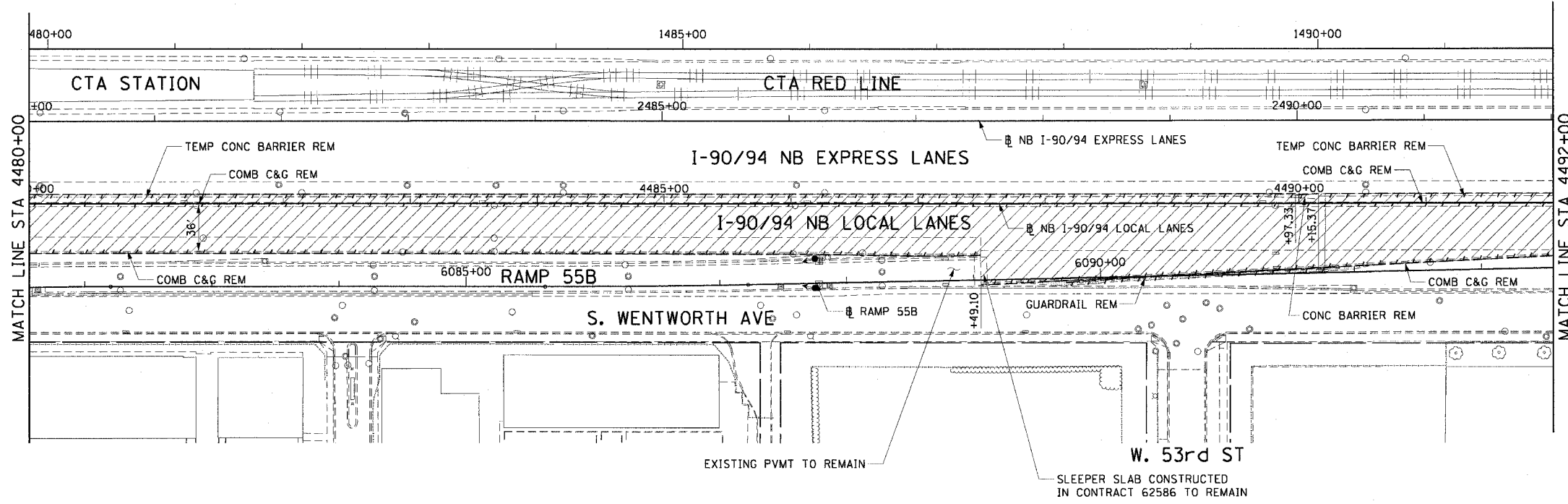
PROJECT BEGINS
STA 4474+50.00



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	52
STA. 4480+00		TO STA. 4492+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				



- LEGEND:
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - LINEAR REMOVALS
 - TEMPORARY FENCE
 - SPOT REMOVAL
 - EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

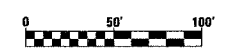
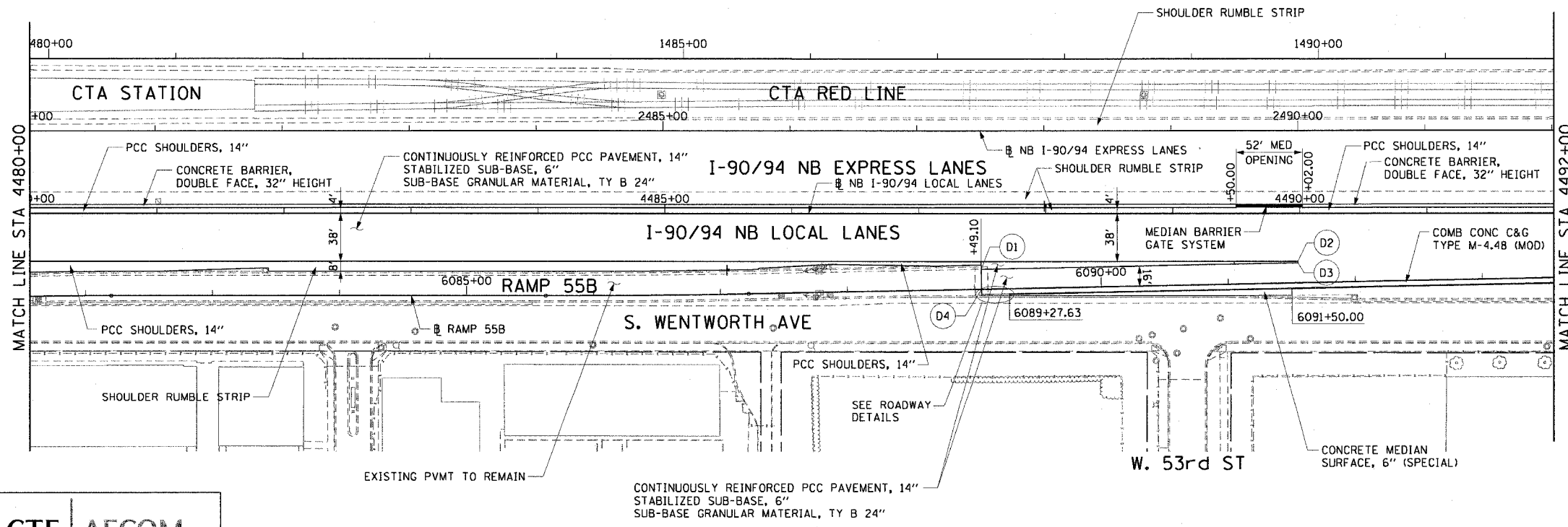


EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS

- LEGEND:
- HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

- NOTES:
- STATION CALLOUTS ARE FROM THE NB I-90/94 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
 - SEE ROADWAY DETAILS FOR BARRIER WALL TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
 - SEE ALIGNMENT PLANS FOR CURVE DATA.
 - SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
 - MEDIAN BARRIER GATE SYSTEM SHALL BE PLACED AT THE LOCATION OF THE MEDIAN OPENING FROM STA 4489+50 TO STA 4490+02.

PT.	STATION	OFFSET	LOC
D1	6089+05.80	16.00' LT	EOP
D2	4489+98.51	38.00' RT	EOP
D3	4489+98.51	39.00' RT	EOP
D4	6089+05.80	0.00'	EOP



RDY-2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
EXISTING AND PROPOSED ROADWAY PLANS

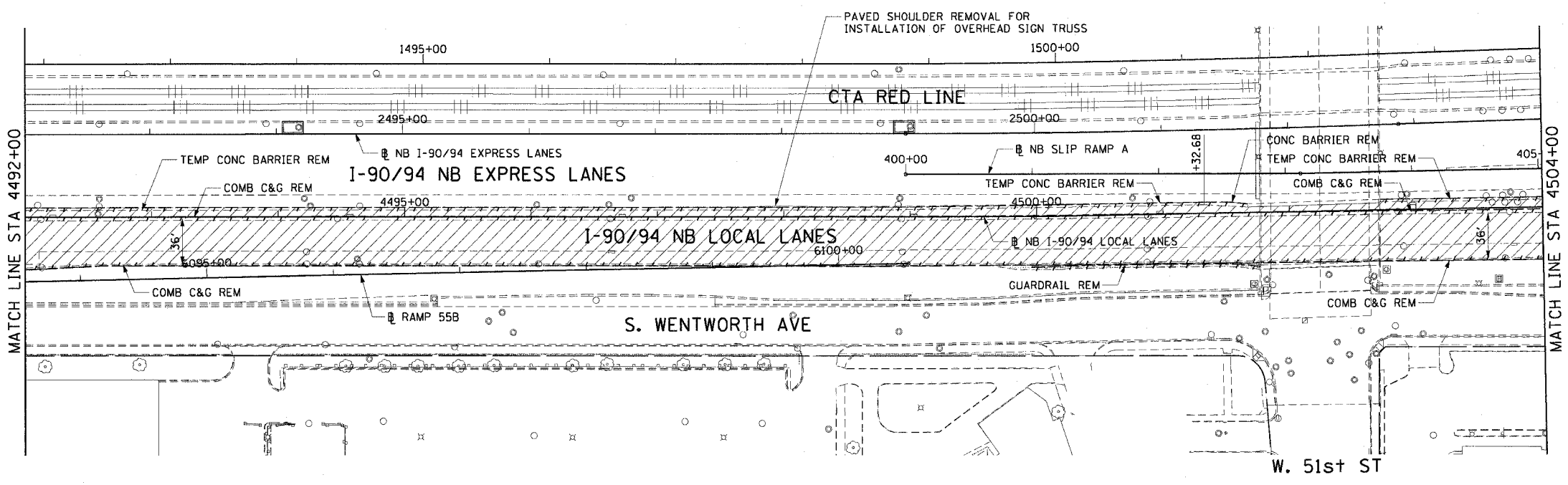
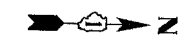
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DATE: June 9, 2006

DRAWN BY: PHP
CHECKED BY: NJH



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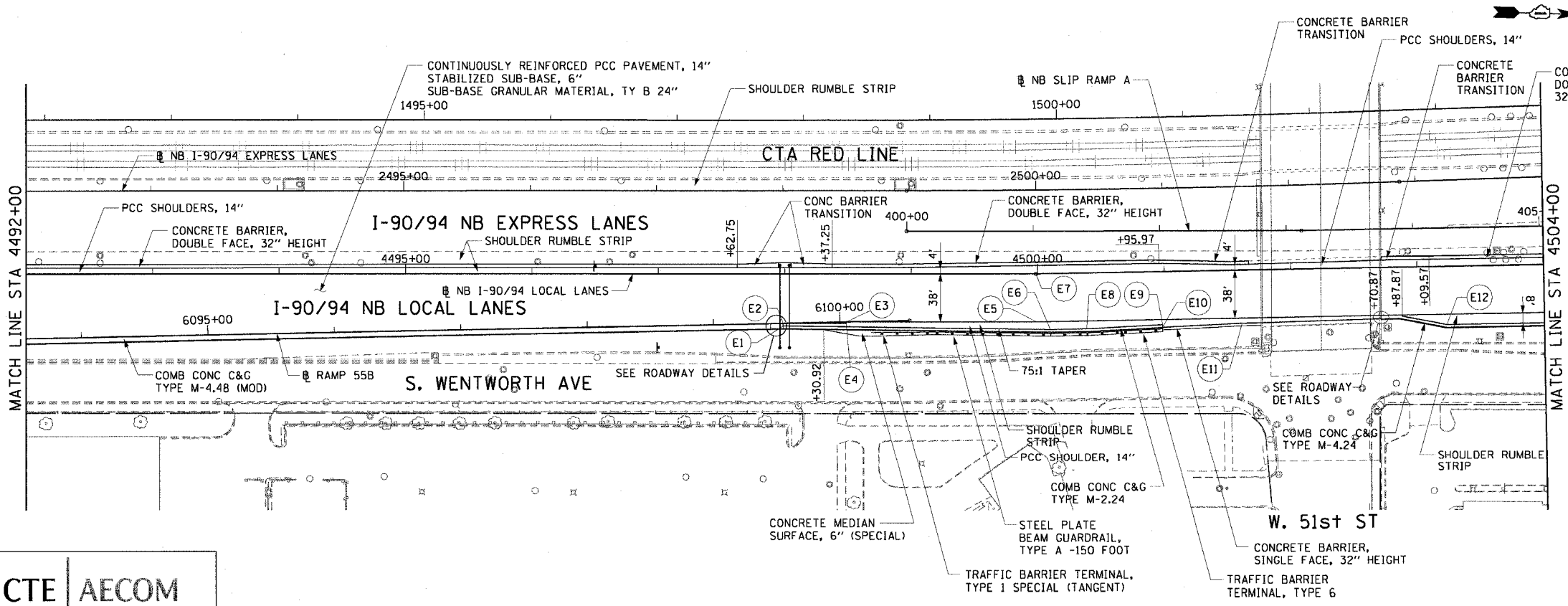
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	53
STA. 4492+00		TO STA. 4504+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 (2021-922 PT2 ETC 2324.6-1P) R-10				



- LEGEND:**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - LINEAR REMOVALS
 - TEMPORARY FENCE
 - SPOT REMOVAL
 - EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

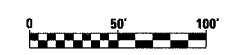
- NOTES:**
- SEE PROPOSED OVERHEAD SIGN STRUCTURE DETAILS FOR LIMITS OF PAVED SHOULDER REMOVAL AT SIGN FOUNDATION LOCATIONS.

**EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS**



- LEGEND:**
- HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS
- NOTES:**
- STATION CALLOUTS ARE FROM THE NB I-90/94 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
 - SEE ROADWAY DETAILS FOR BARRIER WALL TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
 - SEE ALIGNMENT PLANS FOR CURVE DATA.
 - SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
 - SEE STRUCTURAL PLANS FOR PROPOSED OVERHEAD SIGN LOCATIONS AND DETAILS.

PT.	STATION	OFFSET	LOC	PT.	STATION	OFFSET	LOC
E1	4497+98.67	41.00' RT	EOS	E7	4499+98.68	0.00'	EOP
E2	4497+98.67	39.00' RT	EOP	E8	4500+38.17	44.00' RT	EOS
E3	4498+48.67	38.00' RT	EOP	E9	4500+98.17	42.00' RT	EOS
E4	4498+48.67	39.00' RT	EOP	E10	4500+98.17	44.00' RT	EOS
E5	4499+98.68	38.00' RT	EOP	E11	4501+60.94	41.91' RT	EOS
E6	4500+09.33	44.00' RT	EOS	E12	4503+22.87	46.00' RT	EOS



REVISIONS	
NAME	DATE

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

EXISTING AND PROPOSED ROADWAY PLANS

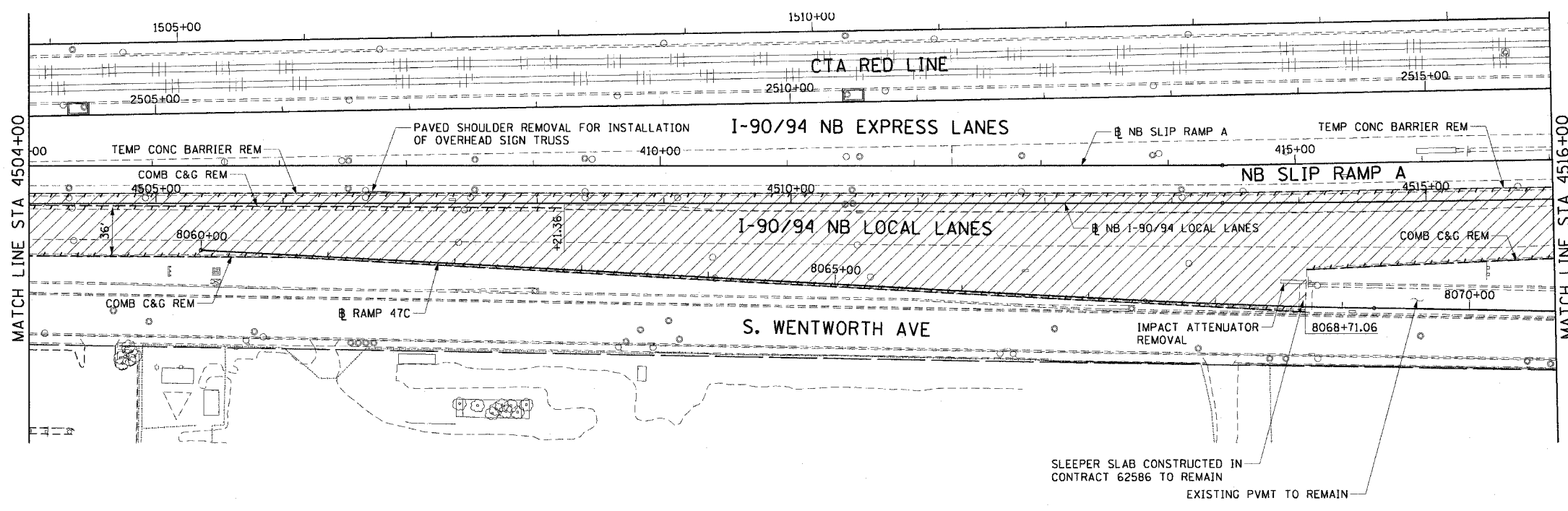
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DATE: June 9, 2006

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CHECKED BY: NJH

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	54
STA. 4504+00		TO STA. 4516+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		



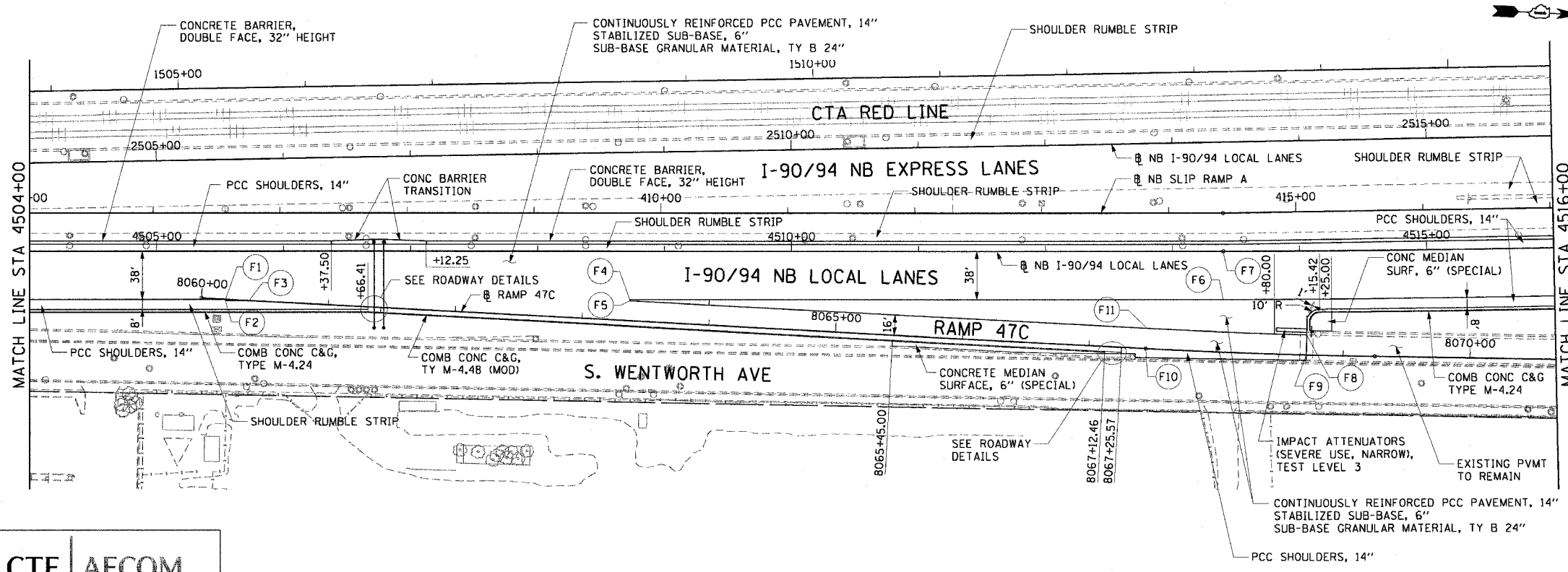
MATCH LINE STA 4504+00

MATCH LINE STA 4516+00

- LEGEND:**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - LINEAR REMOVALS
 - TEMPORARY FENCE
 - SPOT REMOVAL
 - EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

- NOTES:**
- SEE PROPOSED OVERHEAD SIGN STRUCTURE DETAILS FOR LIMITS OF PAVED SHOULDER REMOVAL AT SIGN FOUNDATION LOCATIONS.

EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



MATCH LINE STA 4504+00

MATCH LINE STA 4516+00

- LEGEND:**
- HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

- NOTES:**
- STATION CALLOUTS ARE FROM THE NB I-90/94 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
 - SEE ROADWAY DETAILS FOR BARRIER WALL TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
 - SEE ALIGNMENT PLANS FOR CURVE DATA.
 - SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
 - SEE STRUCTURAL PLANS FOR PROPOSED OVERHEAD SIGN LOCATIONS AND DETAILS.

PT.	STATION	OFFSET	LOC	PT.	STATION	OFFSET	LOC
F1	4505+54.04	38.00' RT	EOP	F7	4513+39.91	0.00'	EOP
F2	4505+54.04	39.00' RT	EOP	F8	8068+71.06	16.00' LT	EOP
F3	4505+72.75	39.00' RT	EOP	F9	8068+71.06	0.00'	EOP
F4	4508+72.54	38.00' RT	EOP	F10	8067+44.66	0.00'	EOP
F5	4508+72.54	39.00' RT	EOP	F11	8067+44.66	16.00' LT	EOP
F6	4513+39.91	38.00' RT	EOP				



REVISIONS	
NAME	DATE

RDY-4

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

EXISTING AND PROPOSED ROADWAY PLANS

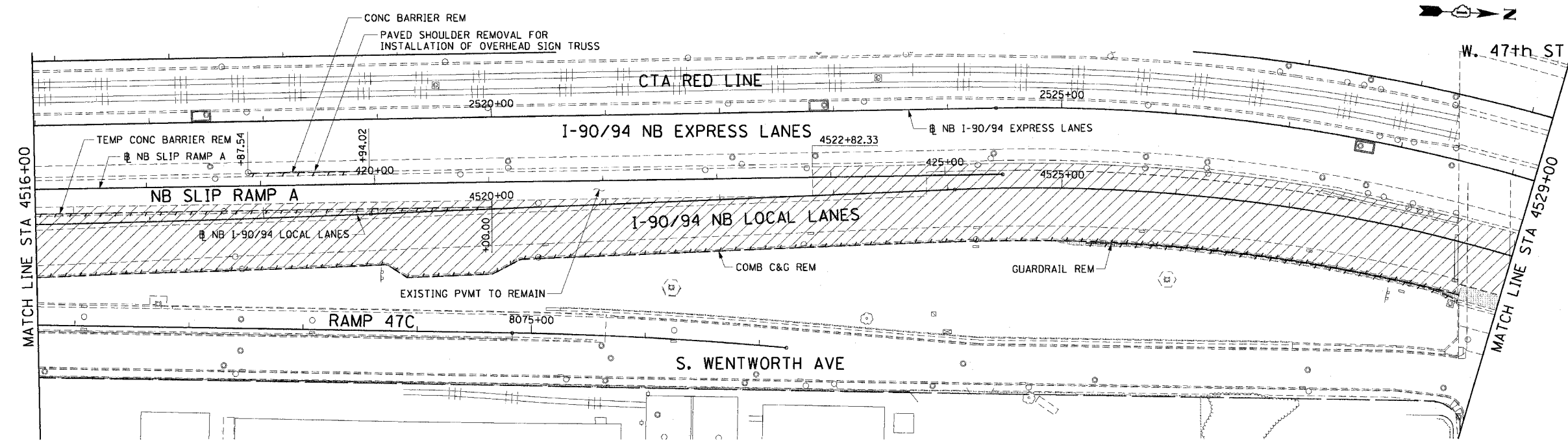
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DATE: June 9, 2006

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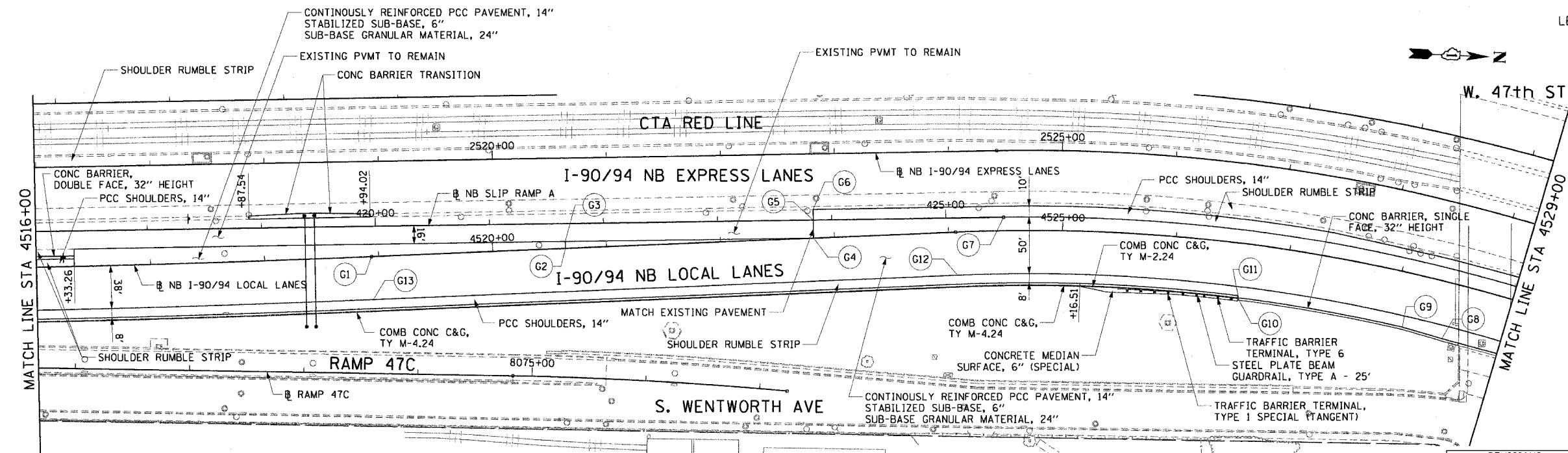
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	55
STA. 4516+00		TO STA. 4529+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				

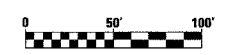


- LEGEND:**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - LINEAR REMOVALS
 - TEMPORARY FENCE
 - SPOT REMOVAL
 - EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS
- NOTES:**
- SEE PROPOSED OVERHEAD SIGN STRUCTURE DETAILS FOR LIMITS OF PAVED SHOULDER REMOVAL AT SIGN FOUNDATION LOCATIONS.

EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- LEGEND:**
- HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS
- NOTES:**
- STATION CALLOUTS ARE FROM THE NB I-90/94 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
 - SEE ROADWAY DETAILS FOR BARRIER WALL TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
 - SEE ALIGNMENT PLANS FOR CURVE DATA.
 - SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
 - SEE STRUCTURAL PLANS FOR PROPOSED OVERHEAD SIGN LOCATIONS AND DETAILS.



PT.	STATION	OFFSET	LOC	PT.	STATION	OFFSET	LOC	PT.	STATION	OFFSET	LOC
G1	4518+93.75	0.00'	EOP	G7	4524+48.42	12.00' LT	EOP	G13	4518+93.75	38.00' RT	EOP
G2	4520+63.93	0.00'	EOP	G8	4528+48.52	49.58' RT	EOS				
G3	4520+63.93	6.00' LT	EOP	G9	4528+11.22	48.00' RT	EOS				
G4	4522+81.63	0.00'	EOP	G10	4526+00.00	48.00' RT	EOS				
G5	4522+82.07	16.00' LT	EOP	G11	4526+00.00	46.00' RT	EOS				
G6	4522+82.33	25.30' LT	EOS	G12	4524+06.22	38.00' RT	EOP				

CTE | AECOM

REVISIONS	
NAME	DATE

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

EXISTING AND PROPOSED ROADWAY PLANS

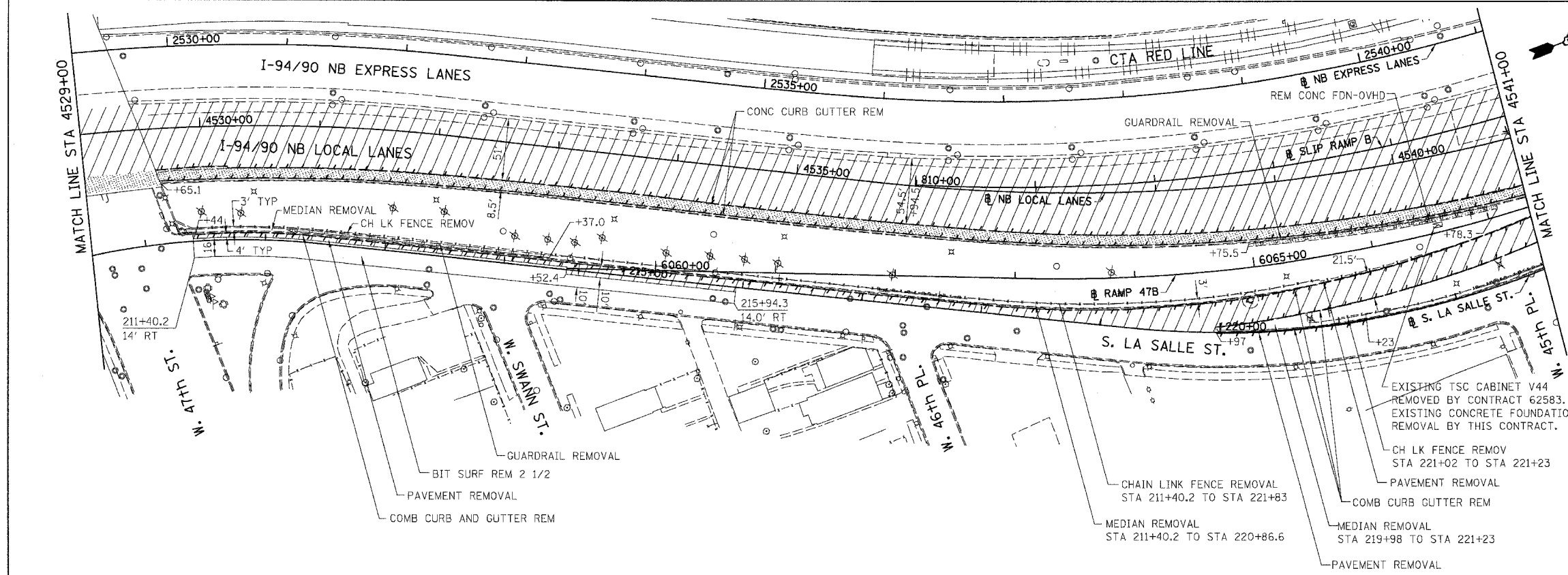
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DATE: June 9, 2006

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CHECKED BY: NJH

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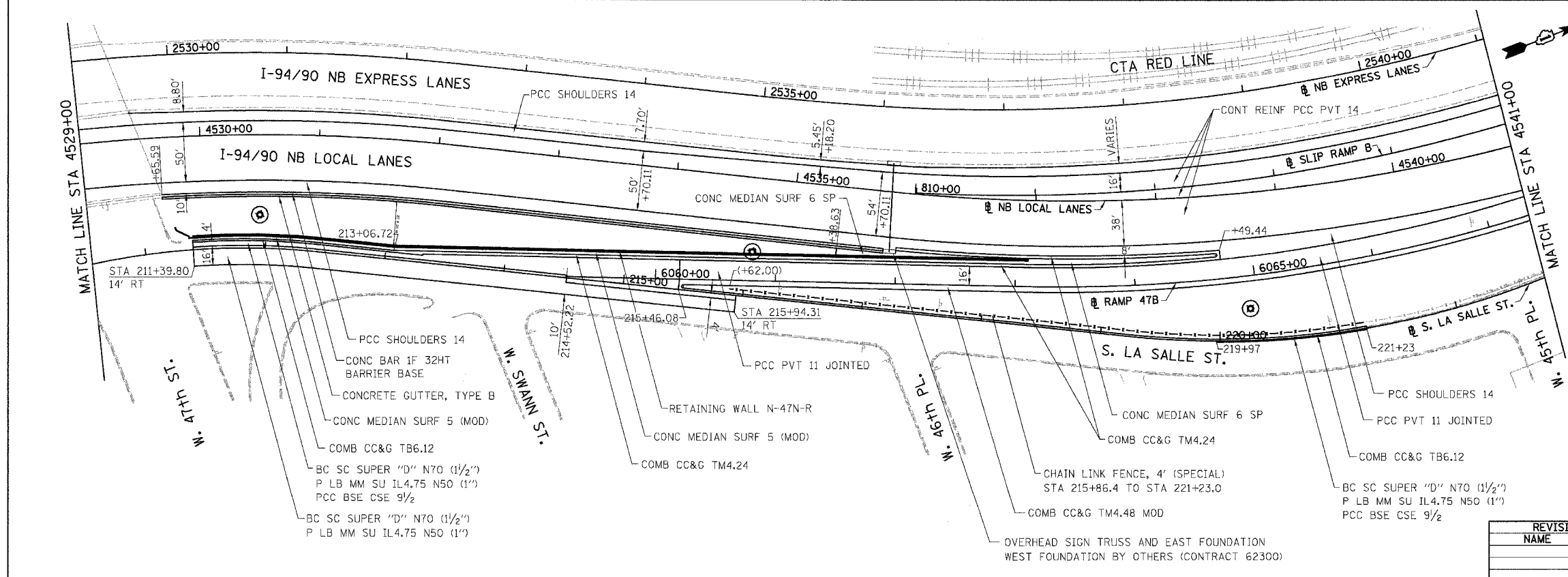
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	56
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	(2021-922 PT2 ETC 2324.6-1P) R-10			

- LEGEND:
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - LINEAR REMOVALS
 - SPOT REMOVAL
 - EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

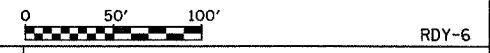


EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS

- LEGEND:
- HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS



- NOTES:
1. STATION CALLOUTS ARE FROM THE NB I-94/90 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
 2. SEE ROADWAY DETAILS FOR CONCRETE BARRIER TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
 3. SEE ALIGNMENT PLANS FOR CURVE DATA.
 4. SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
 5. SEE SIGNING PLANS FOR PROPOSED OVERHEAD SIGN LOCATIONS AND DETAILS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
EXISTING AND PROPOSED ROADWAY PLANS

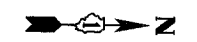
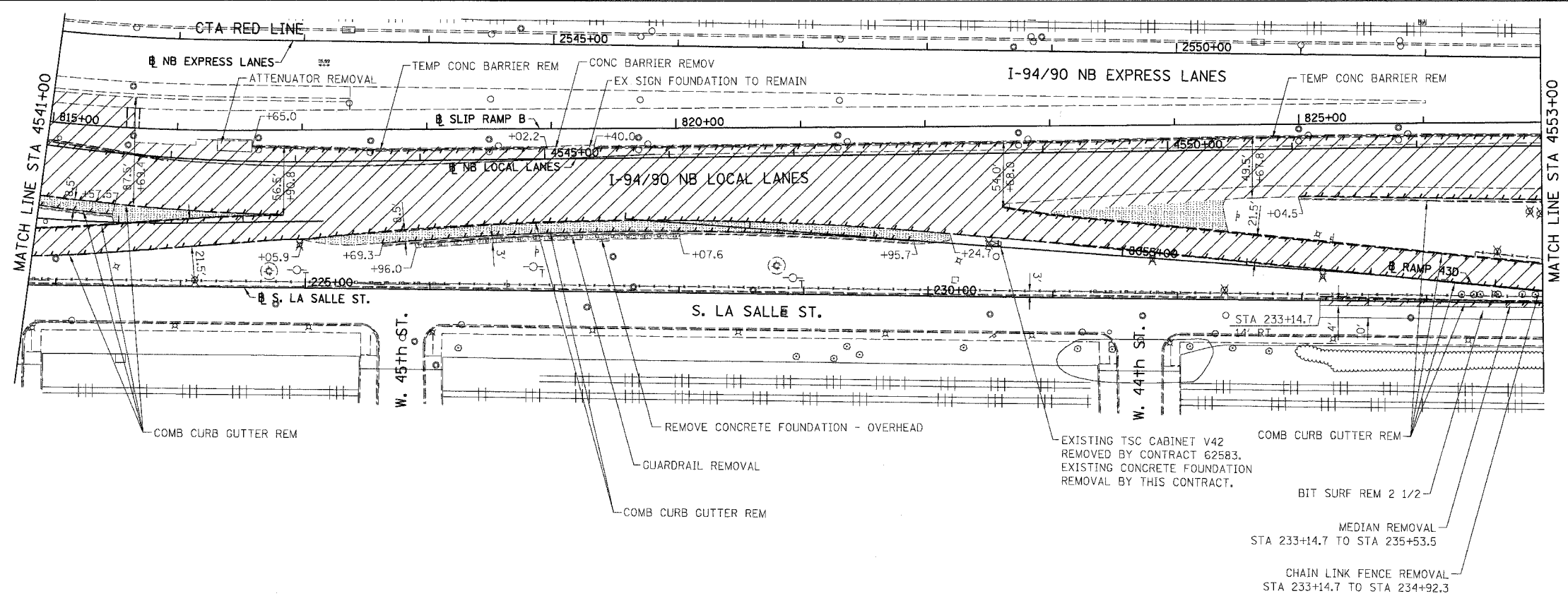
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DATE: 06/09/06

DRAWN BY: JDC
CHECKED BY: RS

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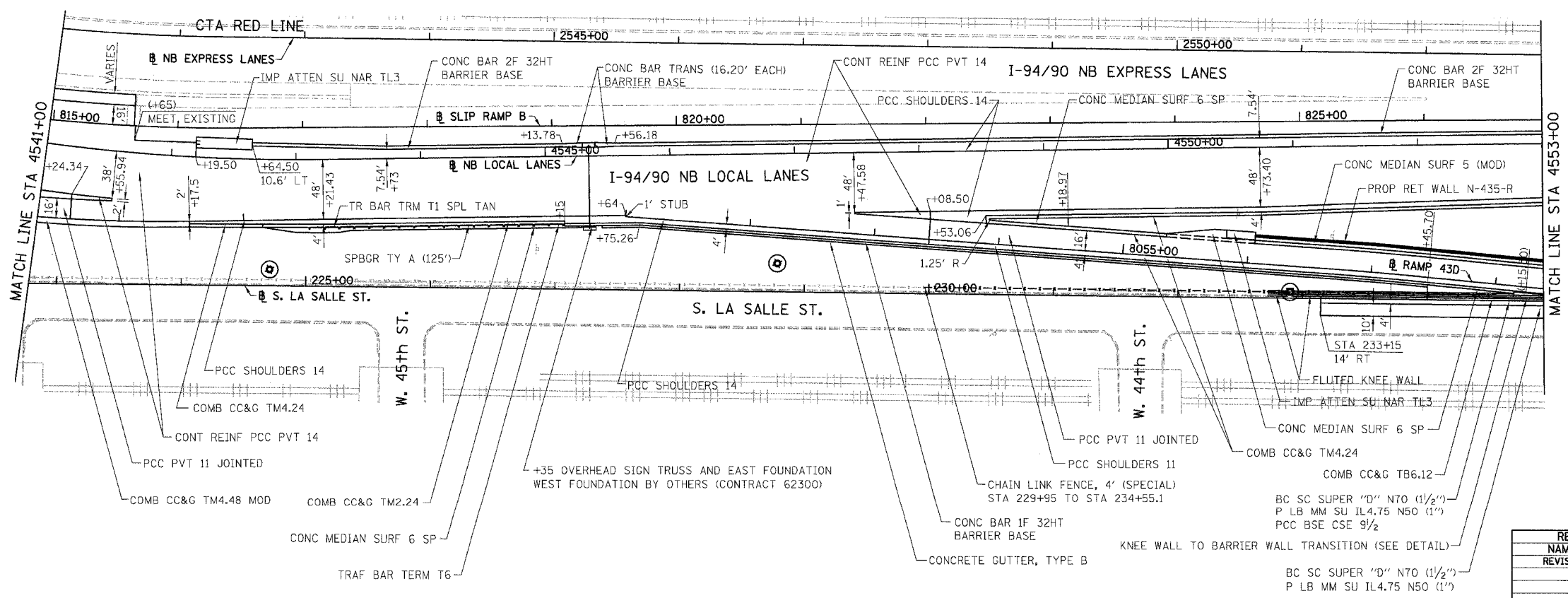
12/16/23 PM 6/7/2006

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	57
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62301	(2021-922 PT2 ETC 2324.6-1P) R-10			



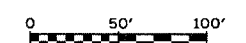
- LEGEND:**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - LINEAR REMOVALS
 - SPOT REMOVAL
 - EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

**EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS**



- LEGEND:**
- HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

- NOTES:**
1. STATION CALLOUTS ARE FROM THE NB I-94/90 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
 2. SEE ROADWAY DETAILS FOR CONCRETE BARRIER TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
 3. SEE ALIGNMENT PLANS FOR CURVE DATA.
 4. SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
 5. SEE SIGNING PLANS FOR PROPOSED OVERHEAD SIGN LOCATIONS AND DETAILS.



REVISIONS	
NAME	DATE
REVISOR	6/23/06

RDY-7

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

EXISTING AND PROPOSED ROADWAY PLANS

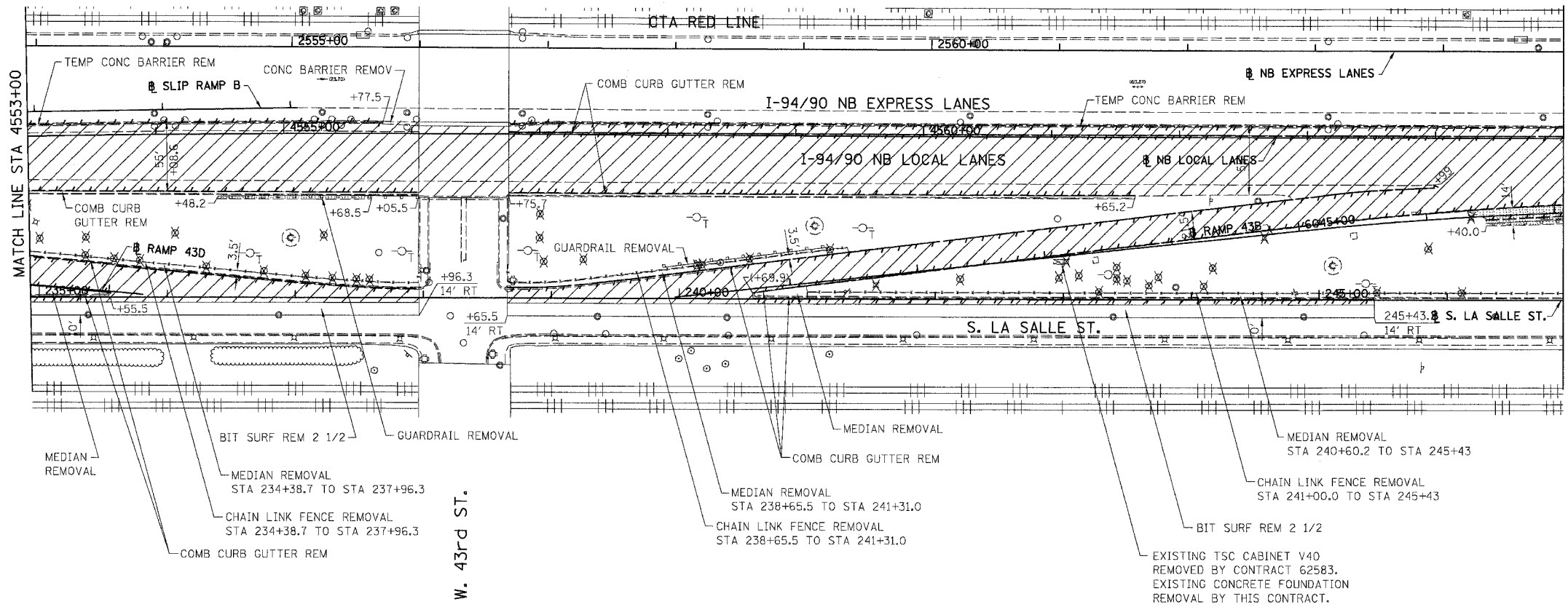
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DATE: 06/09/06

DRAWN BY: JDC
CHECKED BY: RS

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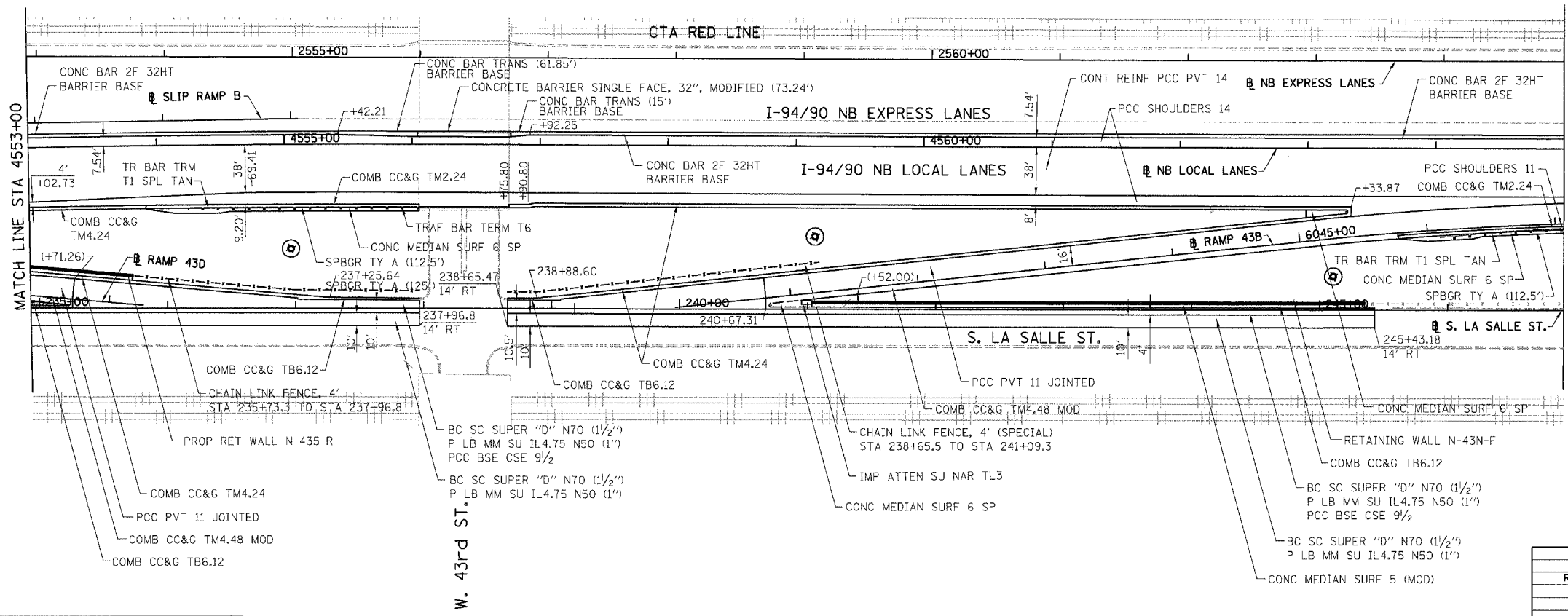
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	58
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*(2021-922 PT2 ETC 2324.6-1P) R-10			



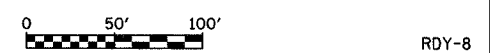
- LEGEND:
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - LINEAR REMOVALS
 - SPOT REMOVAL
 - EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- LEGEND:
- HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

- NOTES:
- STATION CALLOUTS ARE FROM THE NB I-94/90 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
 - SEE ROADWAY DETAILS FOR CONCRETE BARRIER TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
 - SEE ALIGNMENT PLANS FOR CURVE DATA.
 - SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.



REVISIONS		DATE
NAME	REVISED	
		6/23/06

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

EXISTING AND PROPOSED ROADWAY PLANS

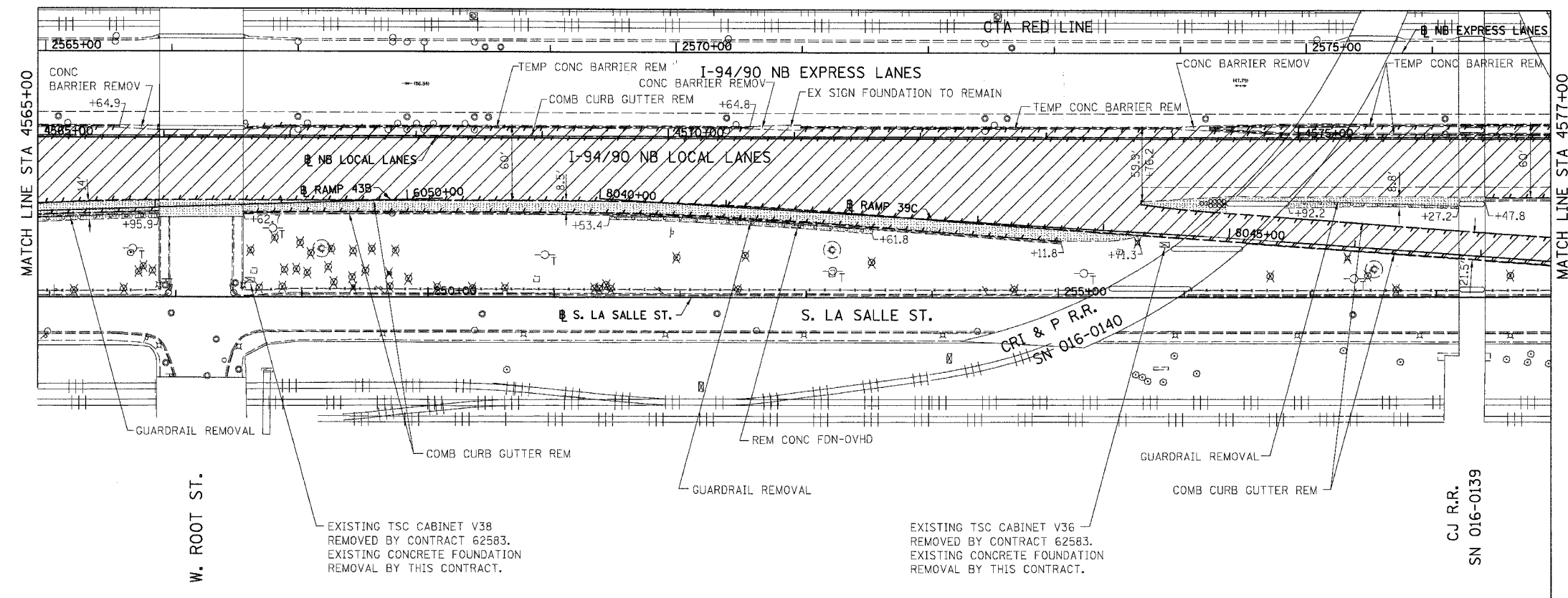
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DATE: 06/09/06

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CHECKED BY: RS

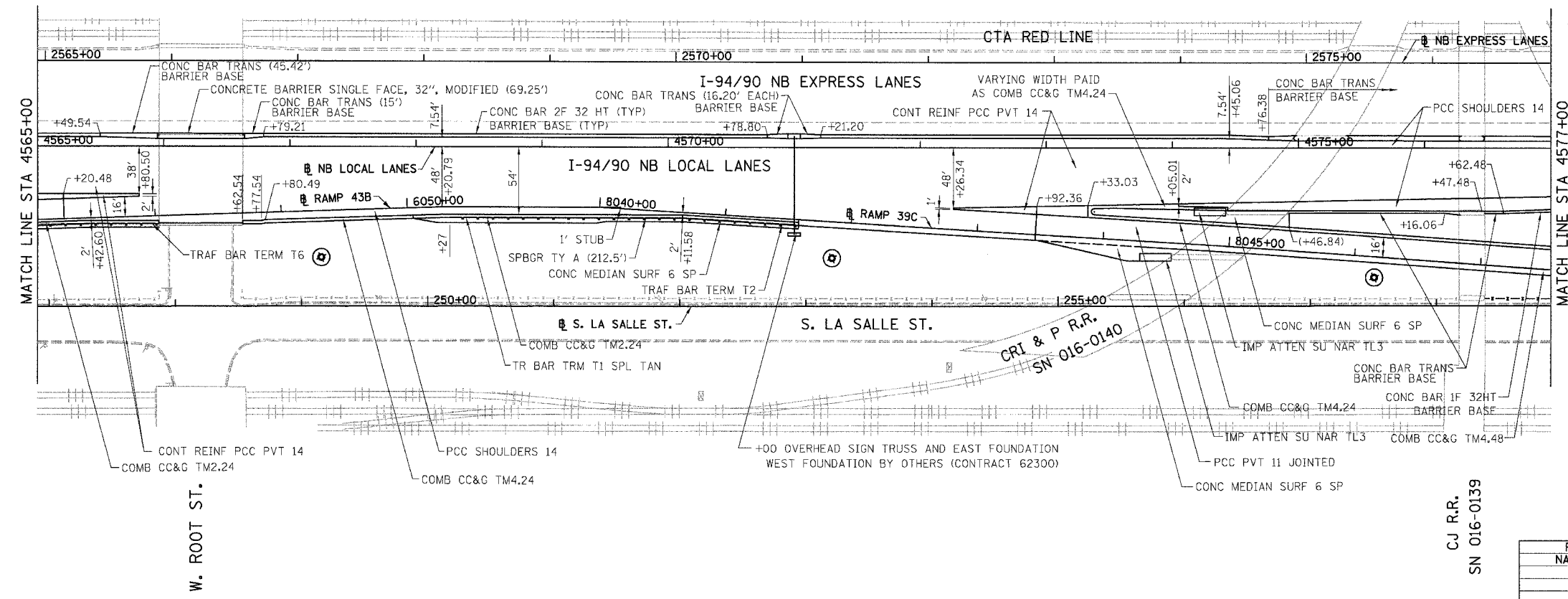
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6/23/2006 10:06:59 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	59
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	(2021-922 PT2 ETC 2324.6-1P) R-10			



- LEGEND:
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - LINEAR REMOVALS
 - SPOT REMOVAL
 - EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS



- LEGEND:
- HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

- NOTES:
1. STATION CALLOUTS ARE FROM THE NB I-94/90 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
 2. SEE ROADWAY DETAILS FOR CONCRETE BARRIER TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
 3. SEE ALIGNMENT PLANS FOR CURVE DATA.
 4. SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
 5. SEE SIGNING PLANS FOR PROPOSED OVERHEAD SIGN LOCATIONS AND DETAILS.



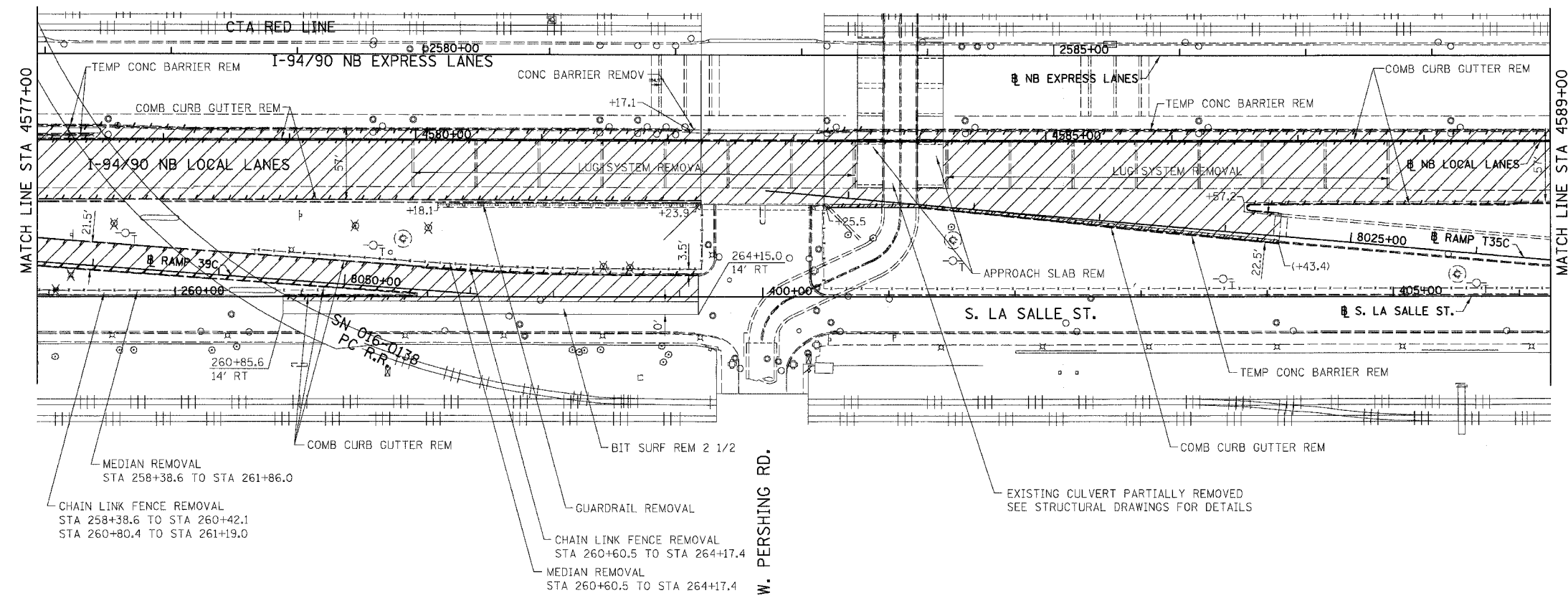
REVISIONS	
NAME	DATE

RDY-9
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 EXISTING AND PROPOSED ROADWAY PLANS
 SCALE: 1"=50'
 DATE: 06/09/06
 DRAWN BY: JDC
 CHECKED BY: RS

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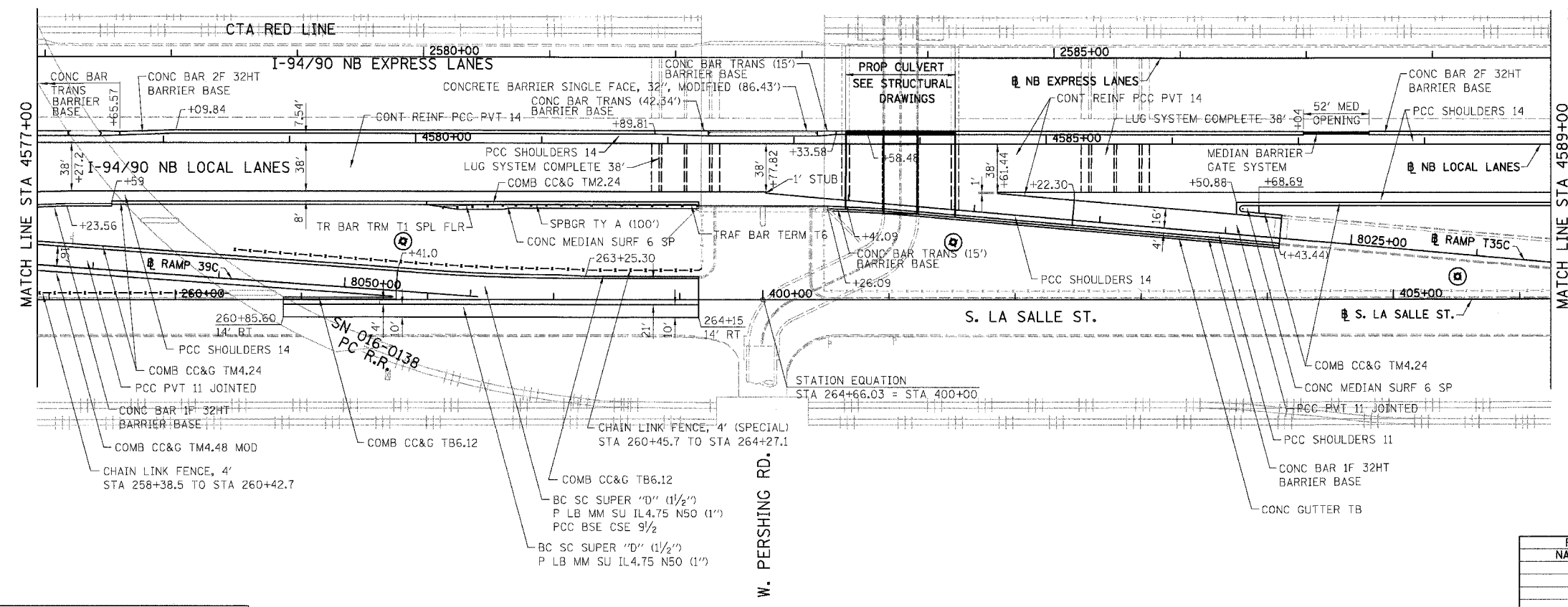
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	60
STA.		TO STA.		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		



- LEGEND:
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - LINEAR REMOVALS
 - SPOT REMOVAL
 - EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- LEGEND:
- HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

- NOTES:
1. STATION CALLOUTS ARE FROM THE NB I-94/90 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
 2. SEE ROADWAY DETAILS FOR CONCRETE BARRIER TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
 3. SEE ALIGNMENT PLANS FOR CURVE DATA.
 4. SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.



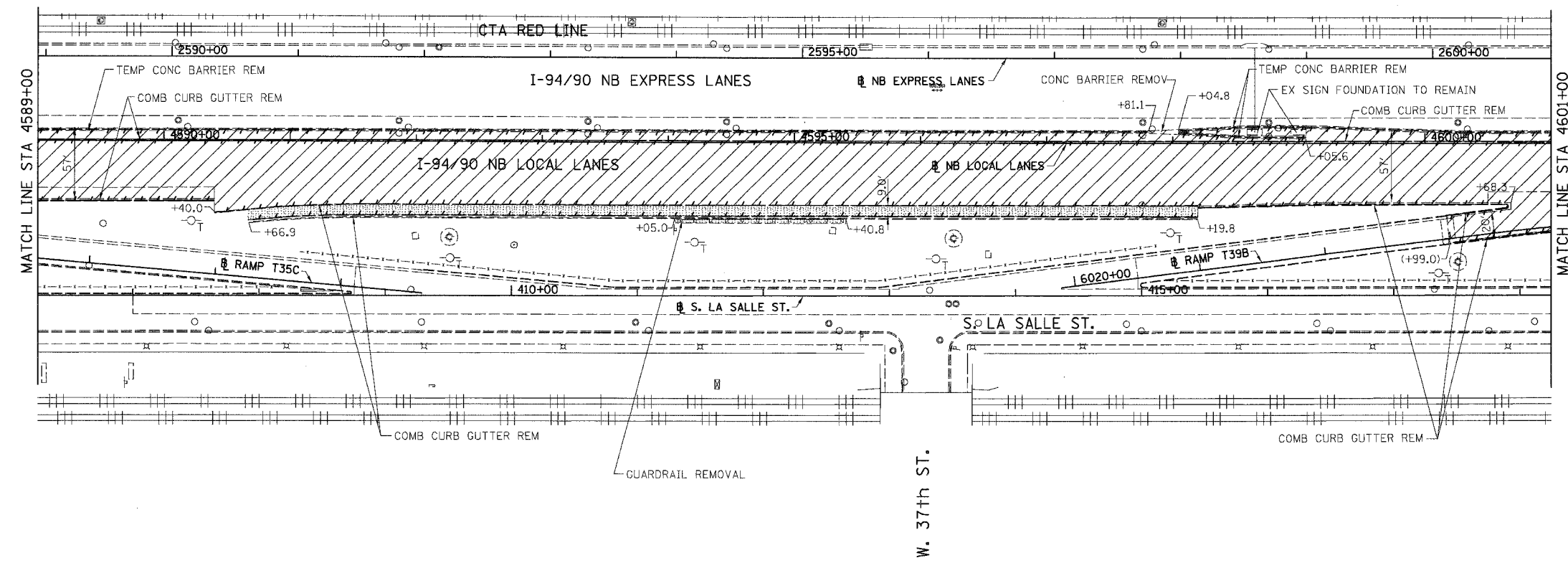
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
EXISTING AND PROPOSED ROADWAY PLANS
SCALE: 1"=50'
DATE: 06/09/06
DRAWN BY: JDC
CHECKED BY: RS

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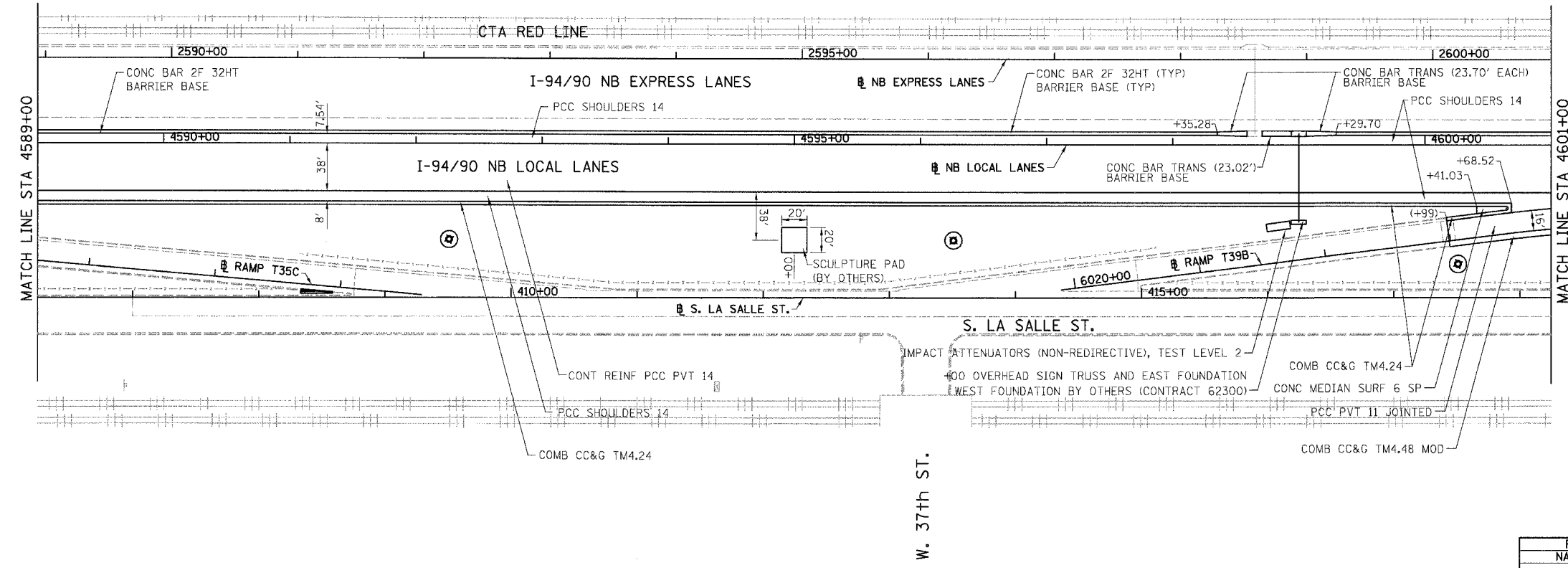
I-94/90 NB LOCAL LANES SHEETS 560-569

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	61
STA.		TO STA.		
62301		• (2021-922 PT2 ETC 2324.6-1P) R-10		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- LEGEND:
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - LINEAR REMOVALS
 - SPOT REMOVAL
 - EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- LEGEND:
- HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

- NOTES:
1. STATION CALLOUTS ARE FROM THE NB I-94/90 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
 2. SEE ROADWAY DETAILS FOR CONCRETE BARRIER TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
 3. SEE ALIGNMENT PLANS FOR CURVE DATA.
 4. SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.
 5. SEE SIGNING PLANS FOR PROPOSED OVERHEAD SIGN LOCATIONS AND DETAILS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
EXISTING AND PROPOSED ROADWAY PLANS

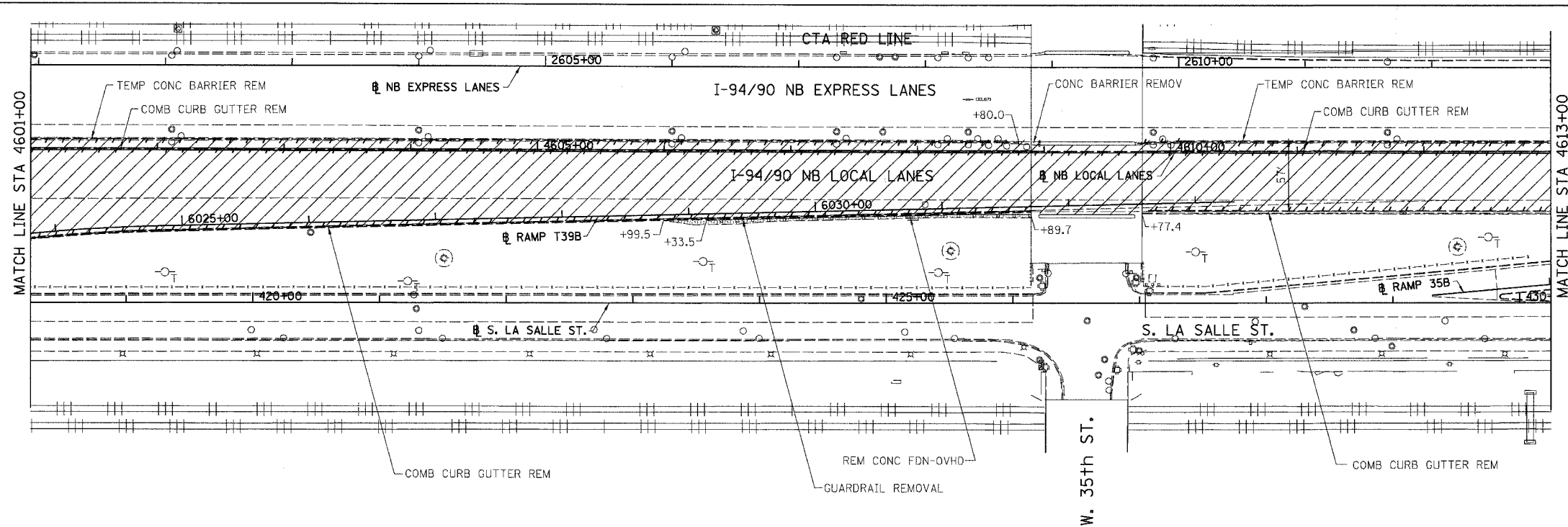
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DATE: 06/09/06

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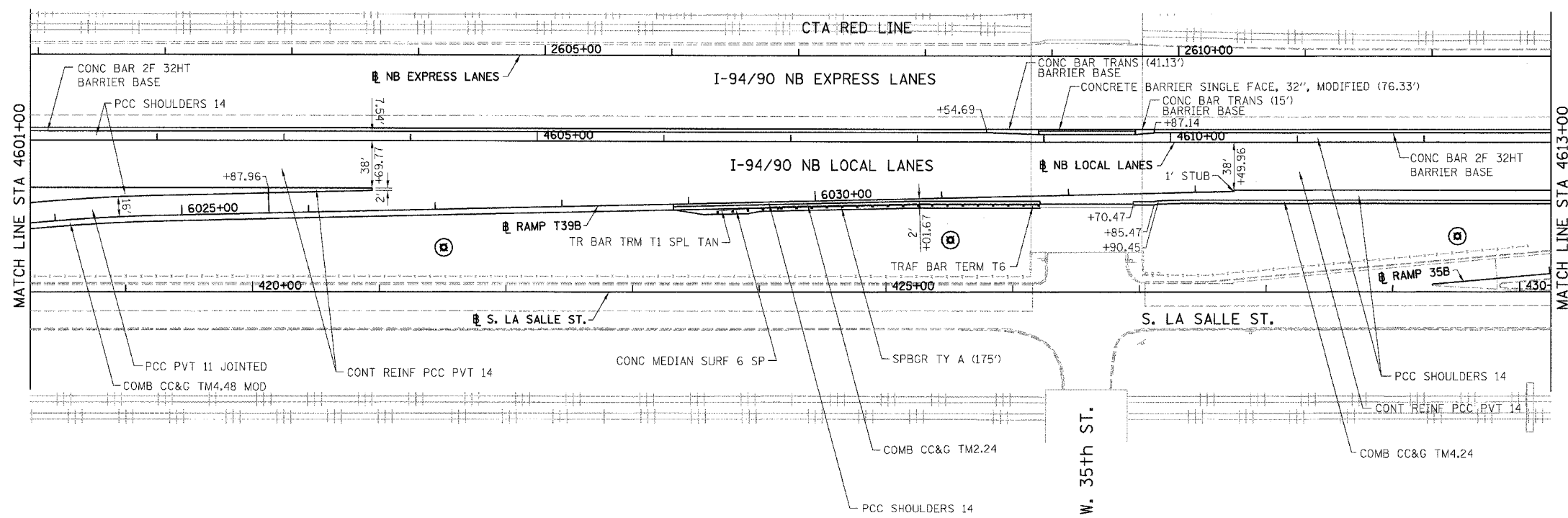
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	62
STA. 62301		TO STA. (2021-922 PT2 ETC 2324.6-1P) R-10		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



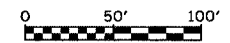
- LEGEND:
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - LINEAR REMOVALS
 - SPOT REMOVAL
 - EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- LEGEND:
- HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

- NOTES:
1. STATION CALLOUTS ARE FROM THE NB I-94/90 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
 2. SEE ROADWAY DETAILS FOR CONCRETE BARRIER TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
 3. SEE ALIGNMENT PLANS FOR CURVE DATA.
 4. SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.



RDY-12

REVISIONS	
NAME	DATE

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

EXISTING AND PROPOSED ROADWAY PLANS

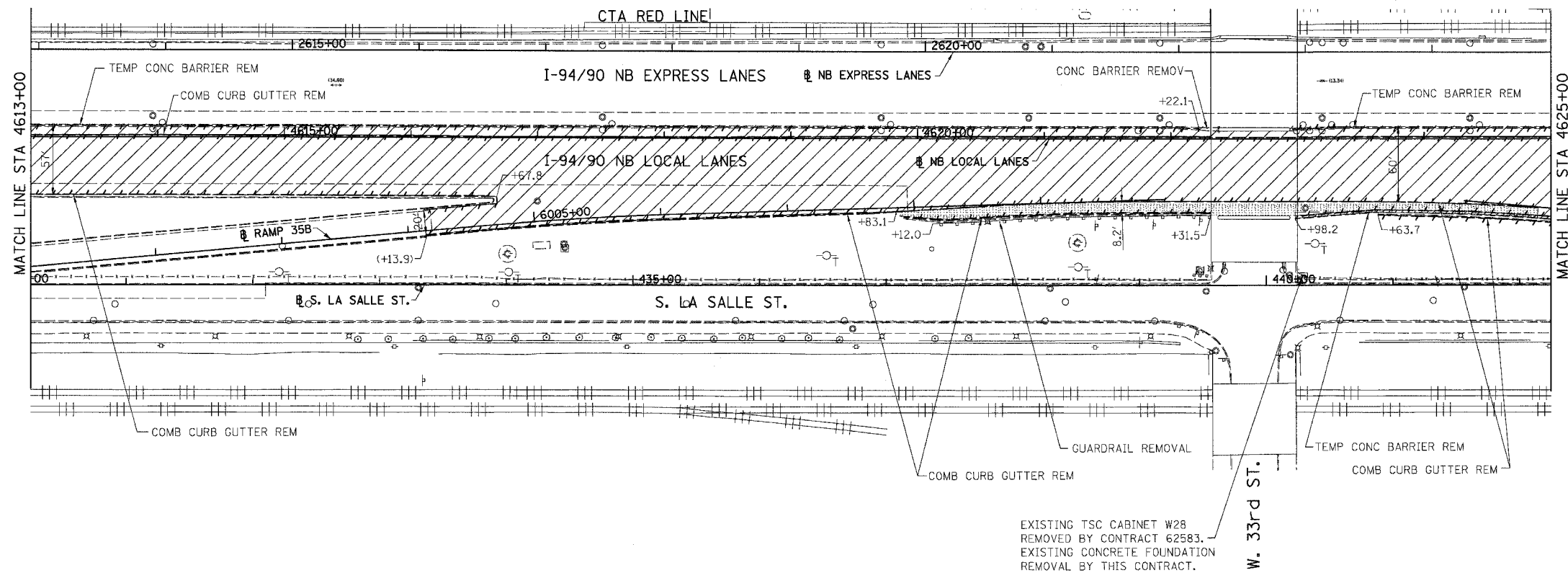
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DATE: 06/09/06

DRAWN BY: JDC
CHECKED BY: RS

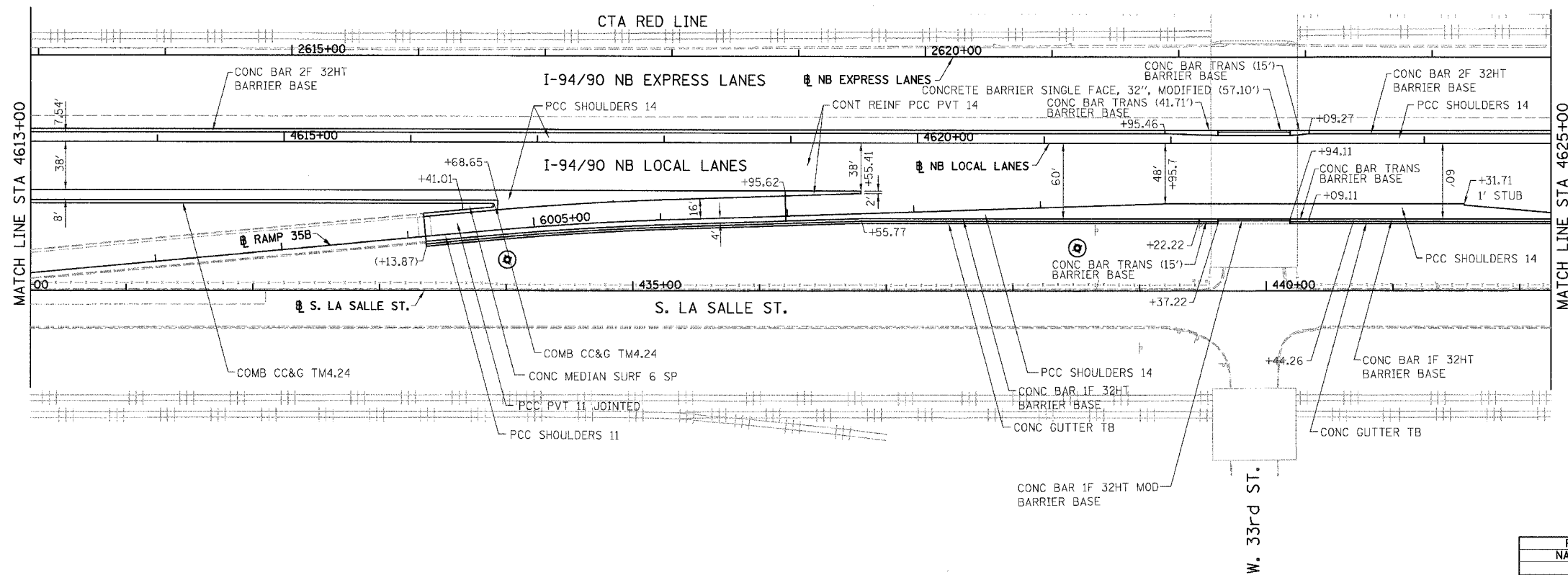
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ANSI Z39-18 11/83

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	63
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				

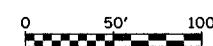


EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



LEGEND:
HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

- NOTES:
- STATION CALLOUTS ARE FROM THE NB I-94/90 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
 - SEE ROADWAY DETAILS FOR CONCRETE BARRIER TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
 - SEE ALIGNMENT PLANS FOR CURVE DATA.
 - SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.



RDY-13

REVISIONS	
NAME	DATE

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

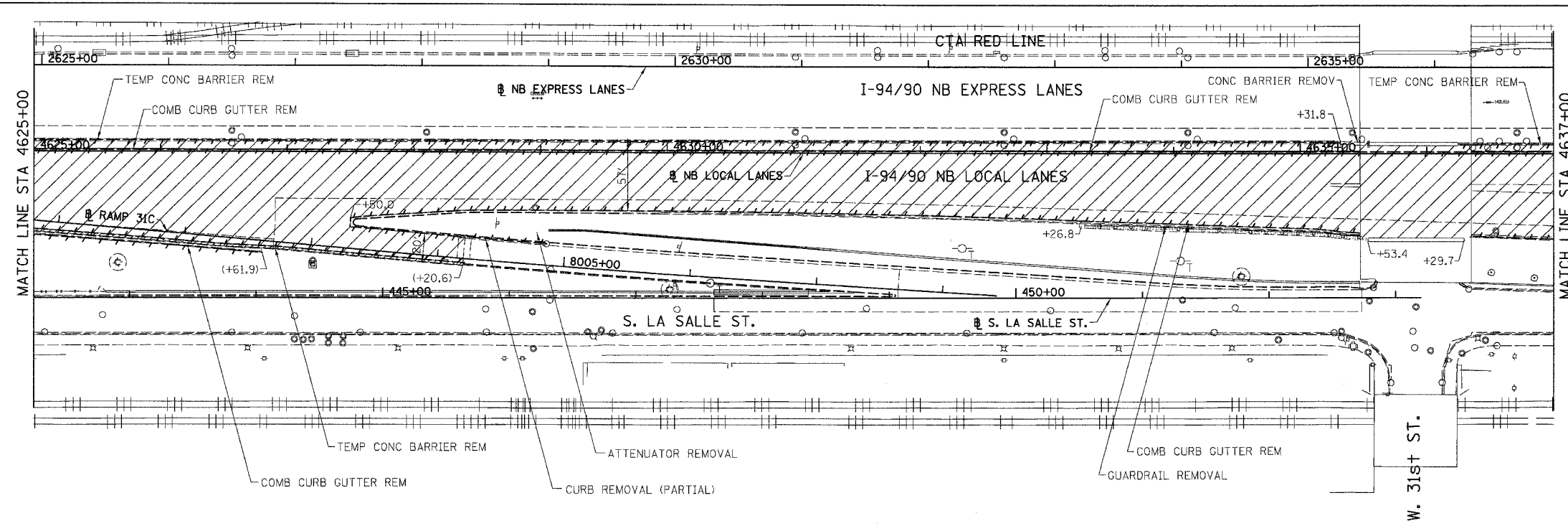
EXISTING AND PROPOSED ROADWAY PLANS

SCALE: 1"=50'
DATE: 06/09/06
DRAWN BY: JDC
CHECKED BY: RS

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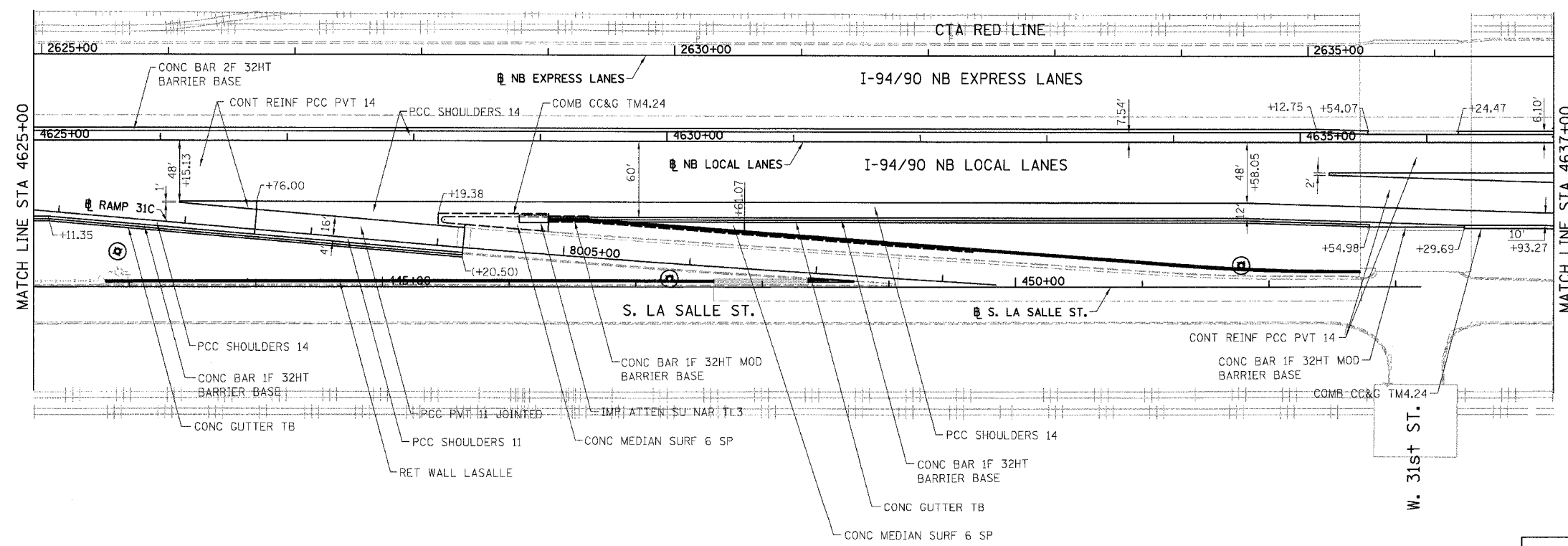
I-94/90 NB LOCAL LANES SHEETS 660-100 TO 100

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	64
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62301		• (2021-922 PT2 ETC 2324.6-1P) R-10		



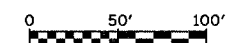
- LEGEND:
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - LINEAR REMOVALS
 - SPOT REMOVAL
 - EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS



- LEGEND:
- HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

- NOTES:
1. STATION CALLOUTS ARE FROM THE NB I-94/90 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
 2. SEE ROADWAY DETAILS FOR CONCRETE BARRIER TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
 3. SEE ALIGNMENT PLANS FOR CURVE DATA.
 4. SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.



RDY-14

REVISIONS	
NAME	DATE

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

EXISTING AND PROPOSED ROADWAY PLANS

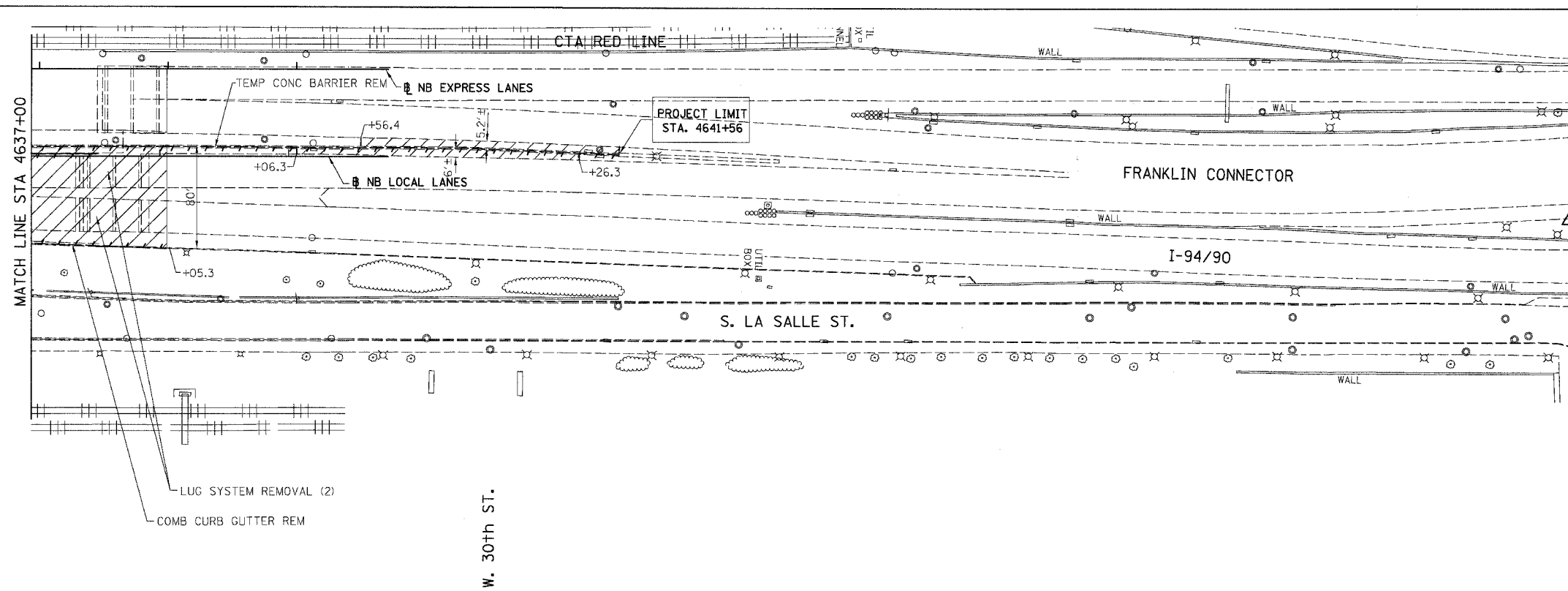
SCALE: 1"=50'
DATE: 06/09/06

DRAWN BY: JDC
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




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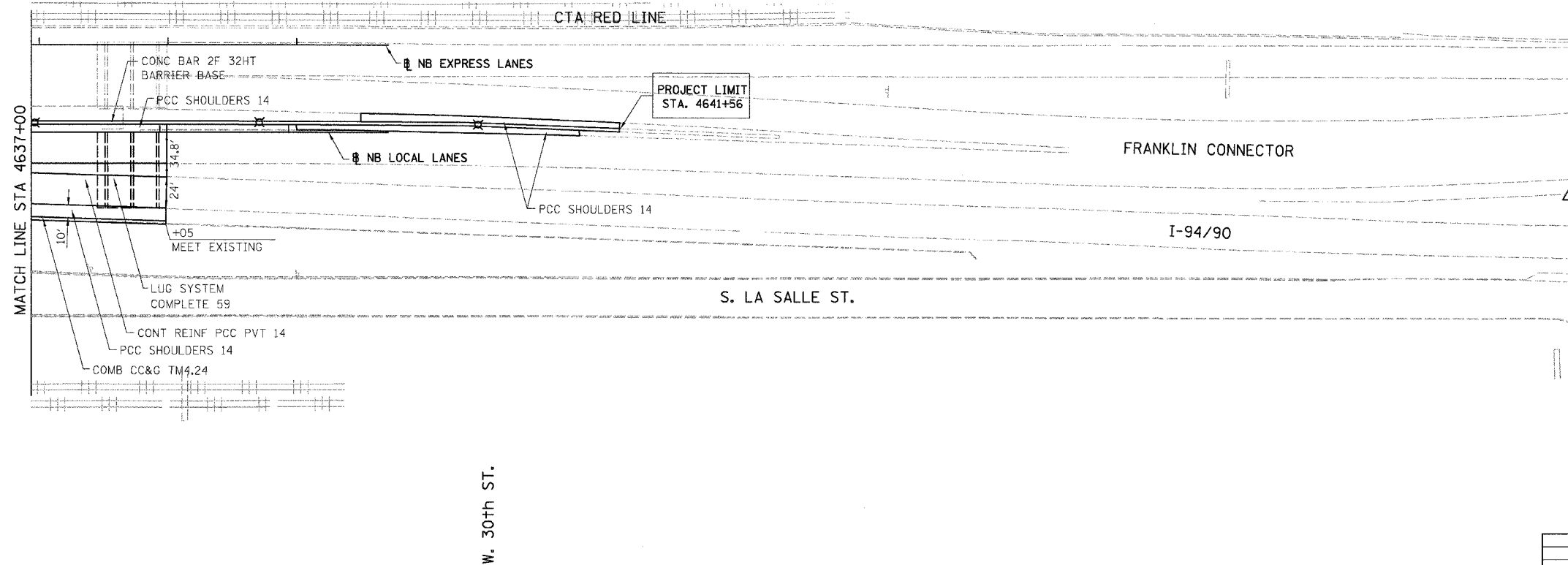
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	65
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62301 • (2021-922 PT2 ETC 2324.6-1P) R-10				




LEGEND:

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  LINEAR REMOVALS
-  SPOT REMOVAL
-  EX HIGH MAST TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

**EXISTING CONDITIONS AND REMOVAL
PROPOSED IMPROVEMENTS**

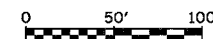


LEGEND:

-  HIGH MAST LIGHT TOWER LOCATION - SEE HIGH MAST TOWER SCHEDULE FOR DETAILS

NOTES:

1. STATION CALLOUTS ARE FROM THE NB I-94/90 LOCAL LANES BASELINE UNLESS OTHERWISE NOTED.
2. SEE ROADWAY DETAILS FOR CONCRETE BARRIER TRANSITIONS AT BRIDGE PIERS AND SIGN STRUCTURES.
3. SEE ALIGNMENT PLANS FOR CURVE DATA.
4. SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN THE PROPOSED AND EXISTING SHOULDERS OF THE LOCAL AND EXPRESS LANES ACCORDING TO IDOT STANDARD 642001.



RDY-15

REVISIONS	
NAME	DATE

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

EXISTING AND PROPOSED ROADWAY PLANS

SCALE: 1"=50'
DATE: 06/09/06

DRAWN BY: JDC
CHECKED BY: RS

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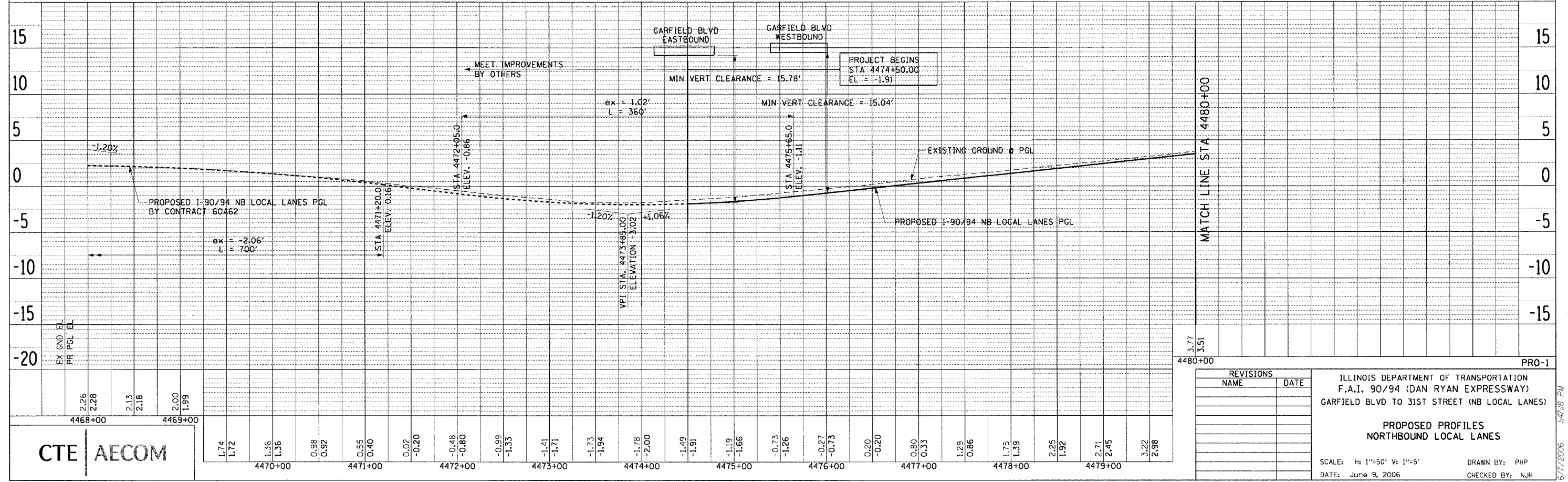
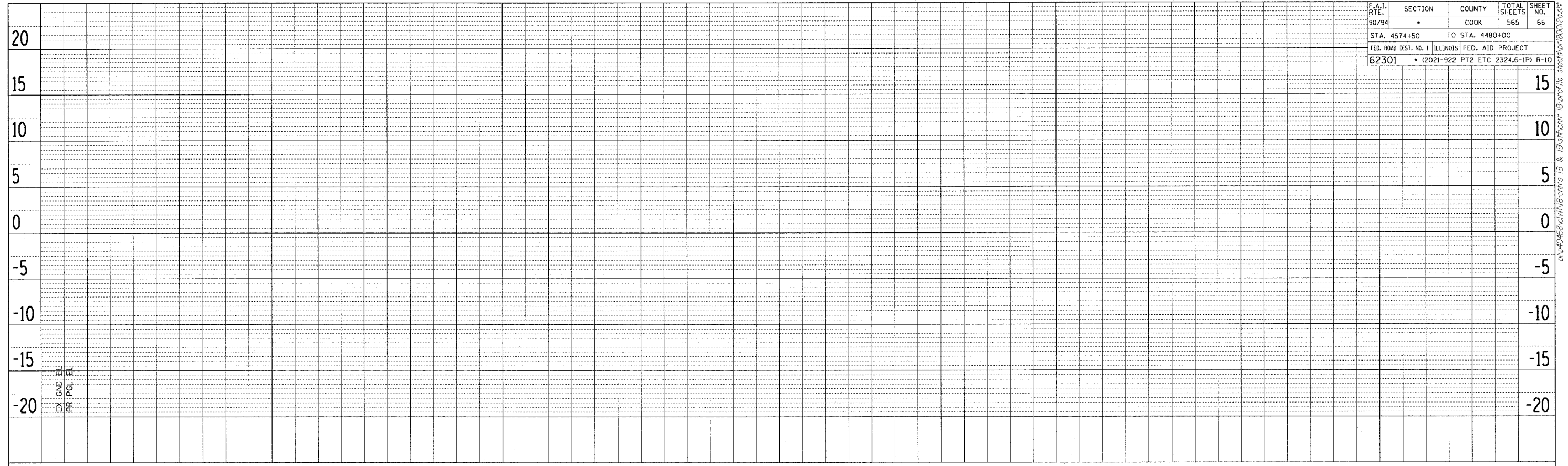


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	NO.		
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	66
STA. 4574+50		TO STA. 4480+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		



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REVISIONS	
NAME	DATE

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

PROPOSED PROFILES
 NORTHBOUND LOCAL LANES

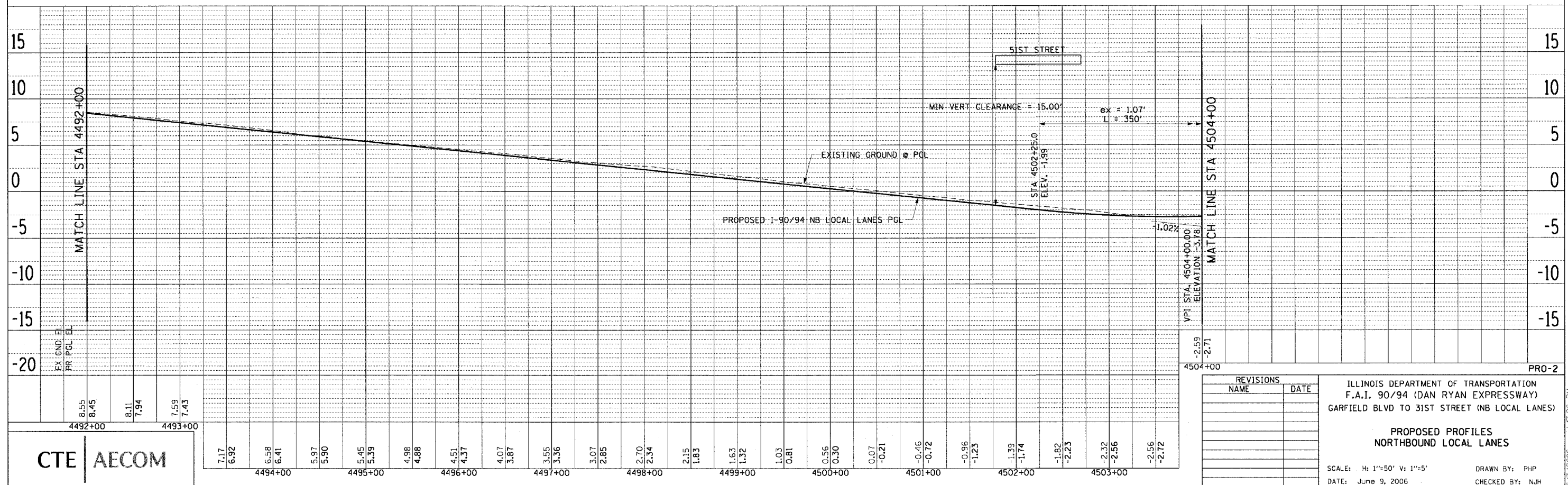
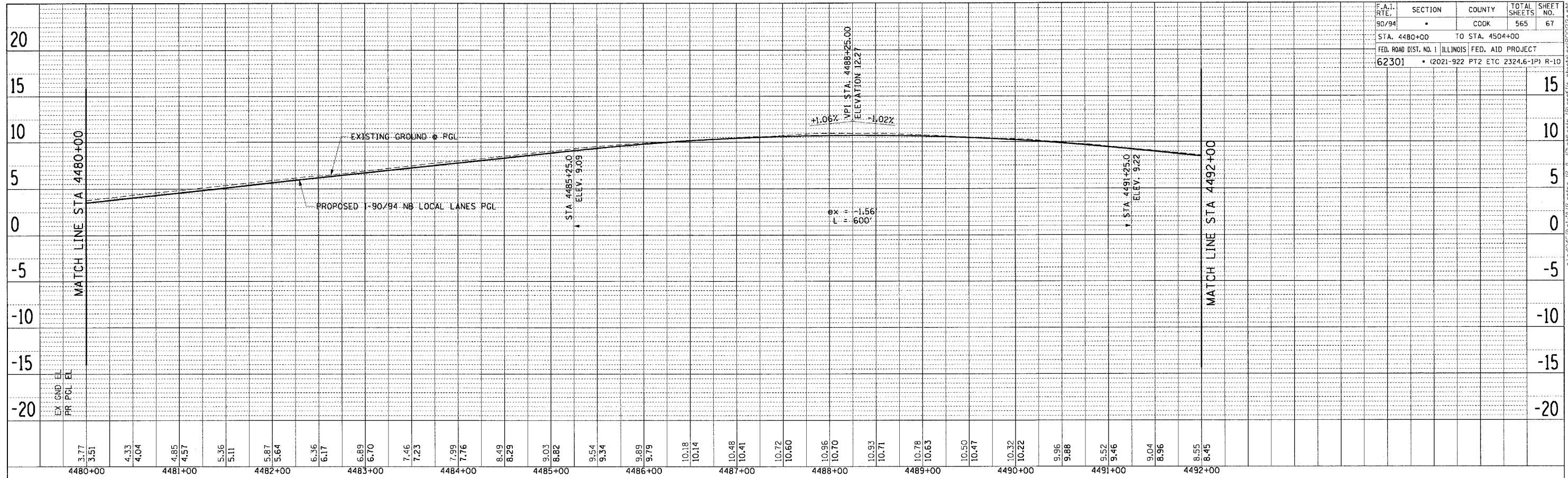
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 DATE: June 9, 2006

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PLAN SURVEYED BY DATE
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 NOTE BOOK NO. OF WAY CHECKED
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 CAD FILE NAME



F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	67
STA. 4480+00 TO STA. 4504+00				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		

REVISIONS	NAME	DATE

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

**PROPOSED PROFILES
 NORTHBOUND LOCAL LANES**

SCALE: H: 1"=50' V: 1"=5'
 DATE: June 9, 2006
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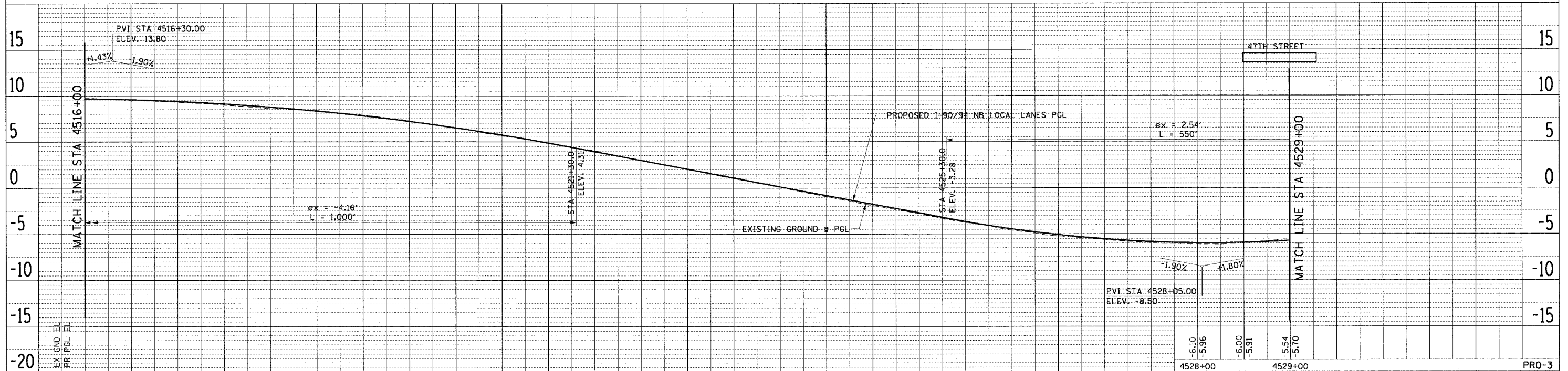
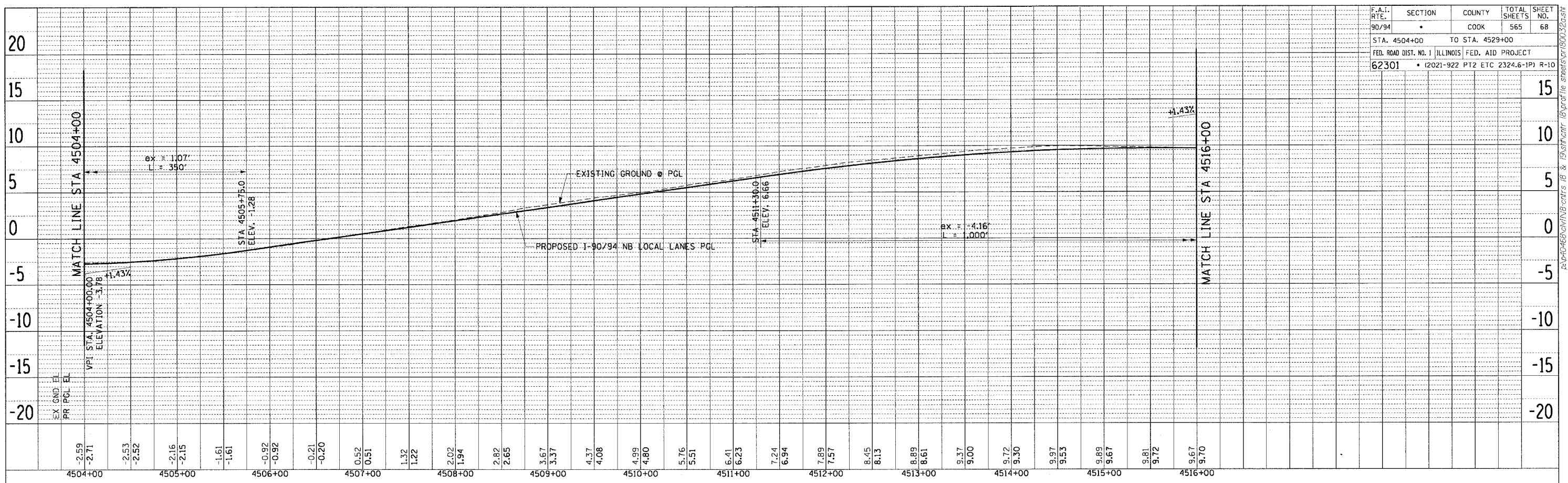
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	68
STA. 4504+00		TO STA. 4529+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		

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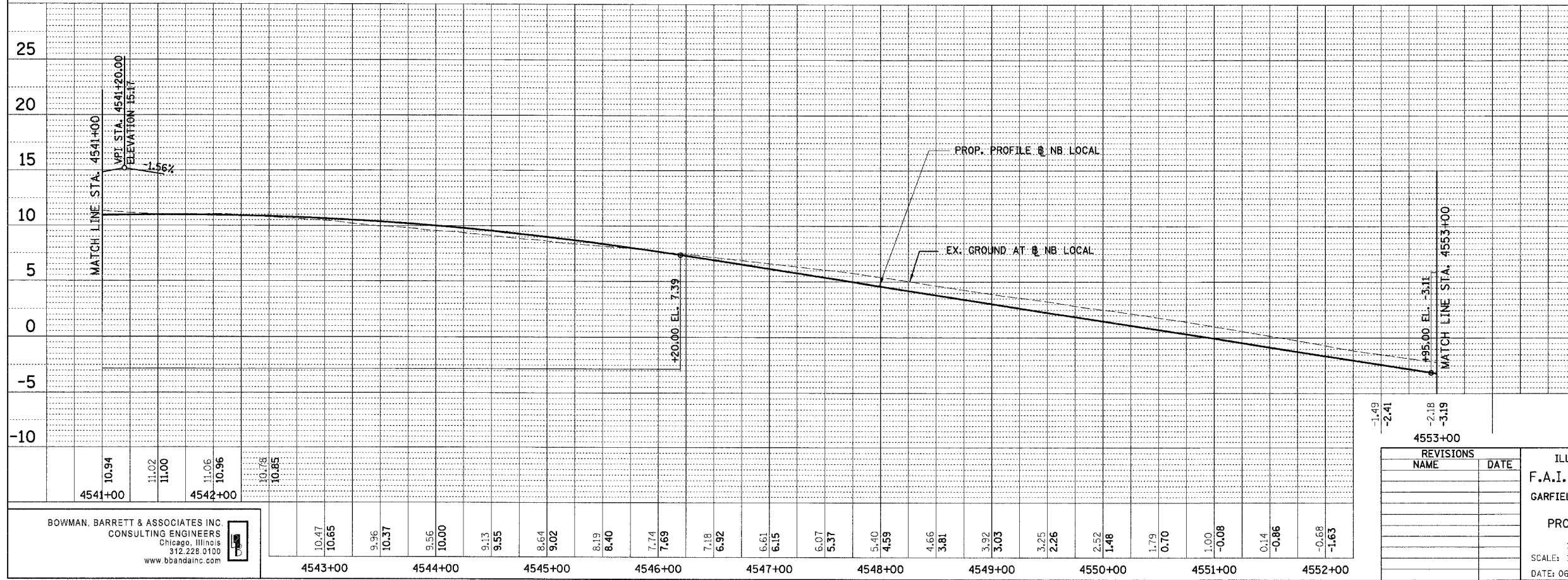
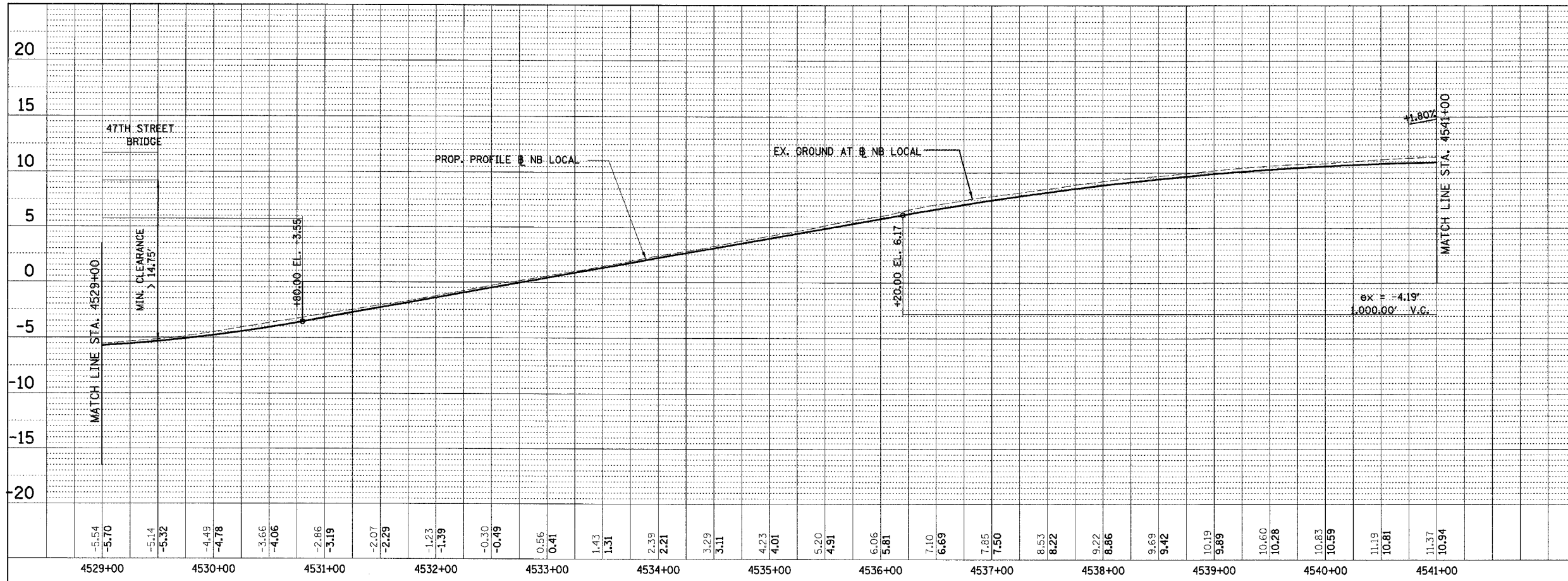
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

PROPOSED PROFILES
 NORTHBOUND LOCAL LANES

SCALE: H: 1"=50' V: 1"=5'
 DATE: June 9, 2006
 DRAWN BY: PHP
 CHECKED BY: NJH

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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	69
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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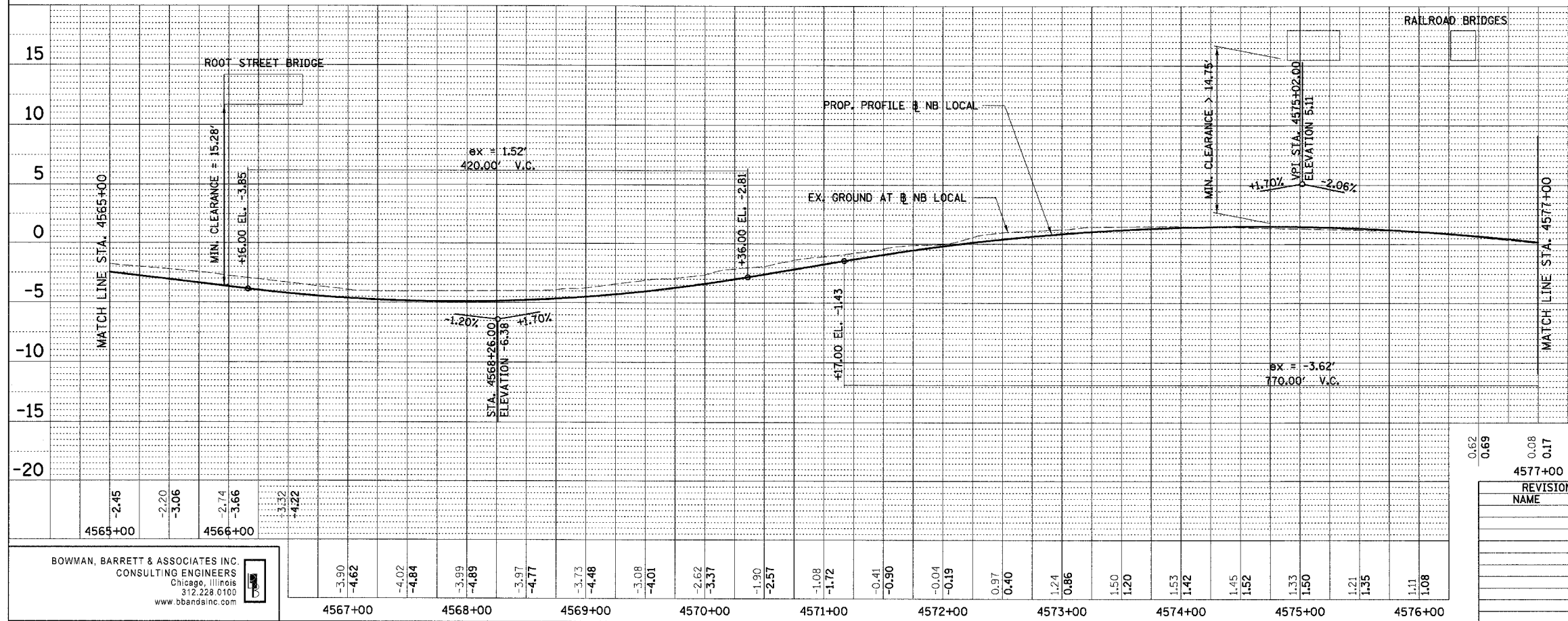
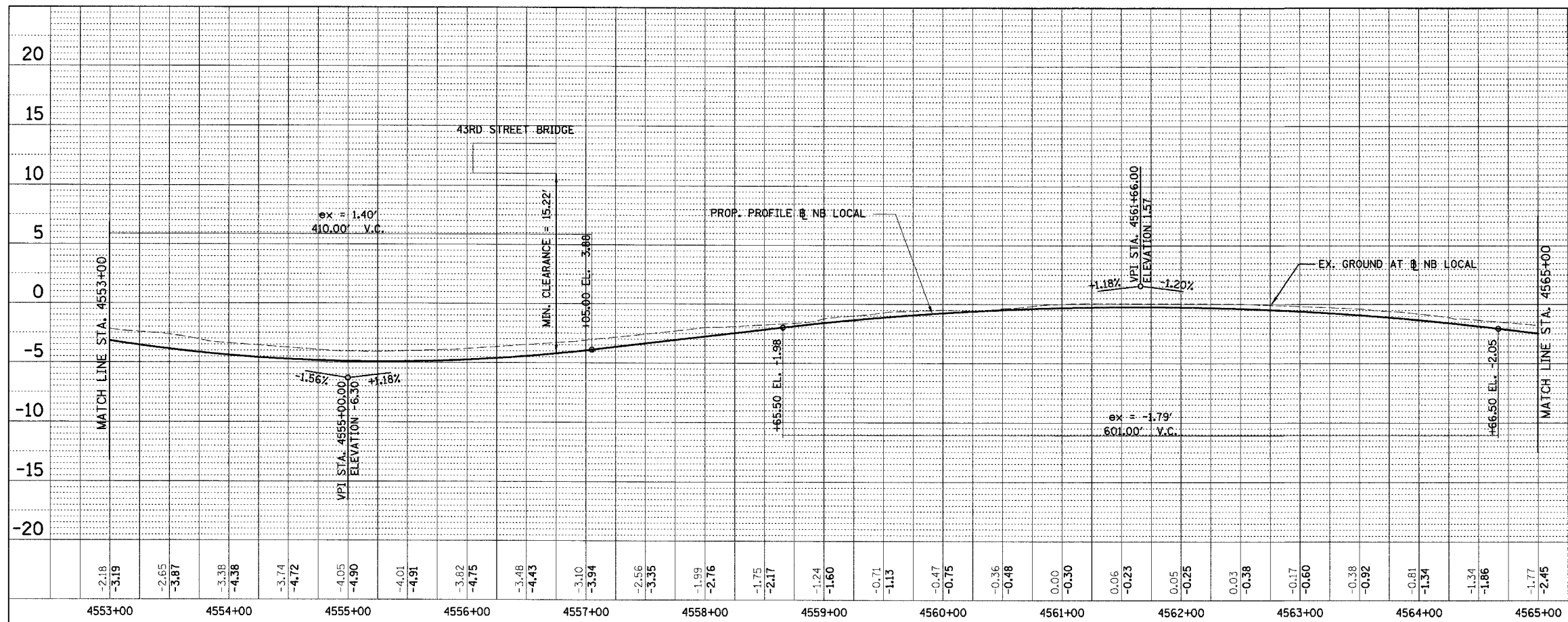
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REVISIONS	DATE
NAME	

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
PROFILES - NORTHBOUND LOCAL LANES
SCALE: 1" = 5' VERT
DATE: 06/09/06
DRAWN BY: JDC
CHECKED BY: RS

PRO-4
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	70
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	NAME	DATE
0.62		
0.69		
0.08		
0.17		

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 PROFILES - NORTHBOUND LOCAL LANES
 SCALE: 1" = 50' HORIZ
 DATE: 06/09/06
 DRAWN BY: JDC
 CHECKED BY: RS

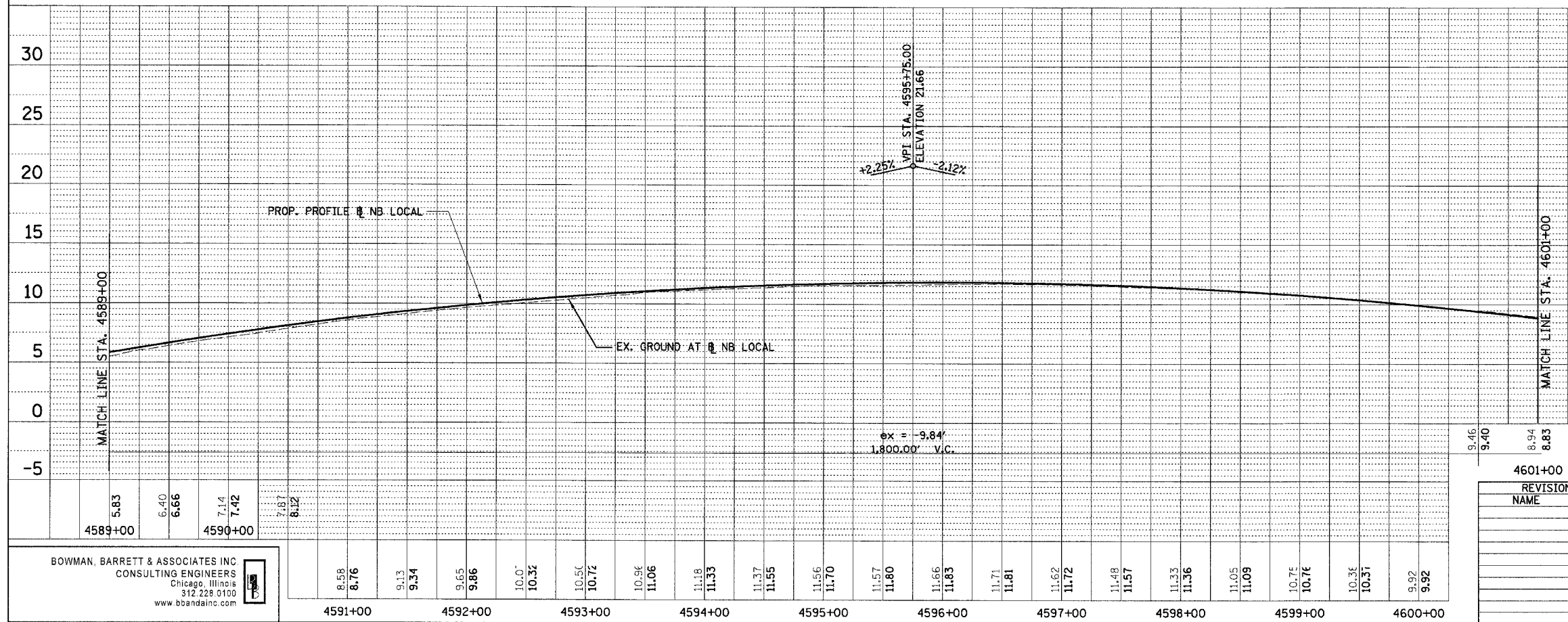
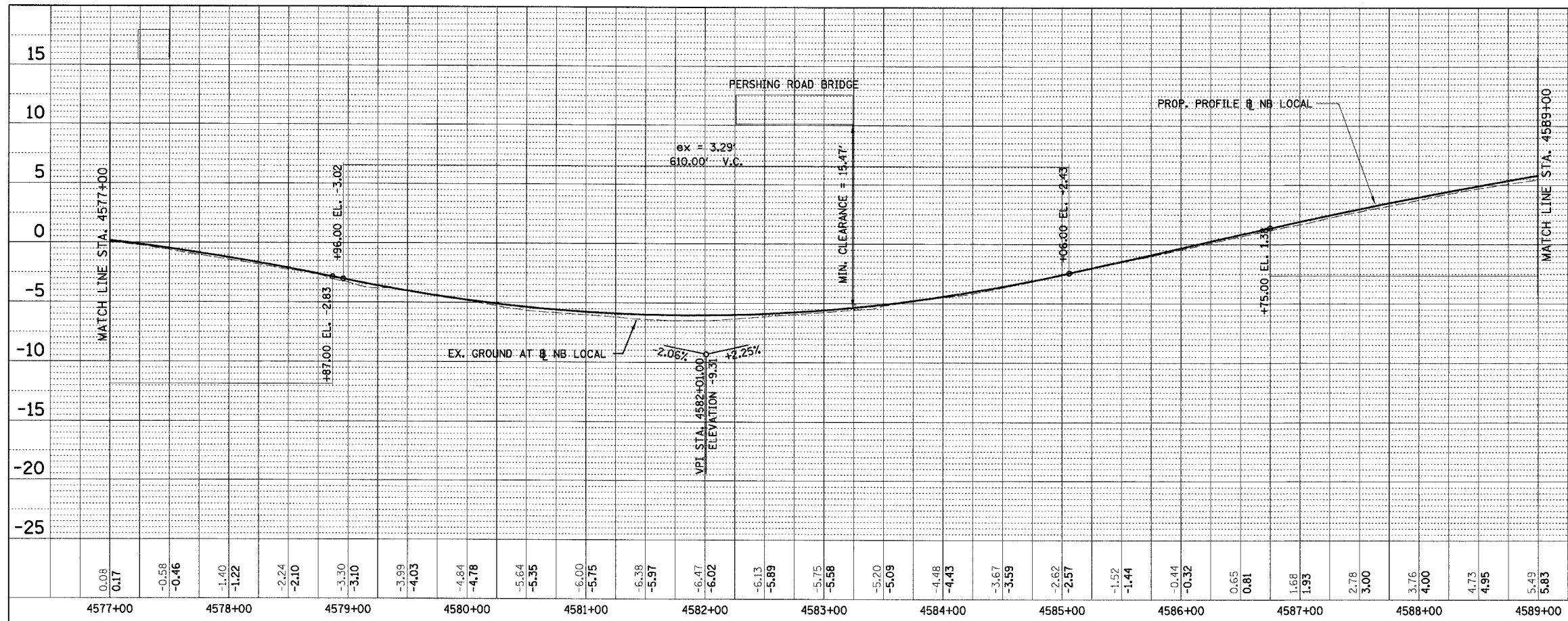
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PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	CHECKED
NO.	NO.	NO.
	CADD FILE NAME	

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	CHECKED
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	71
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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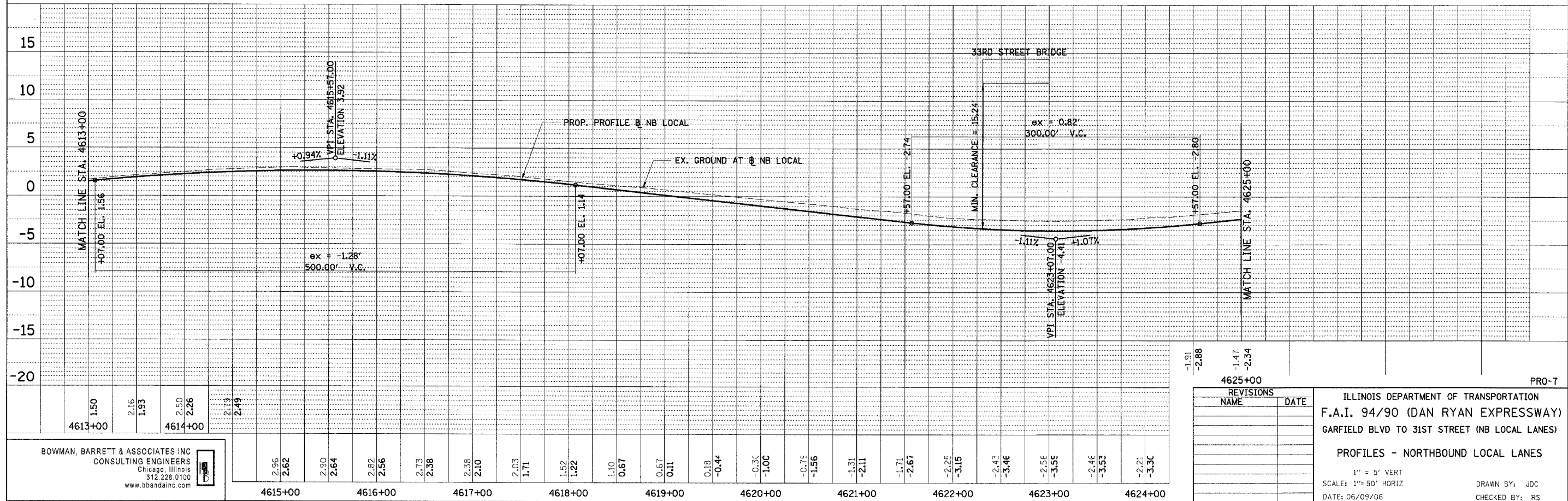
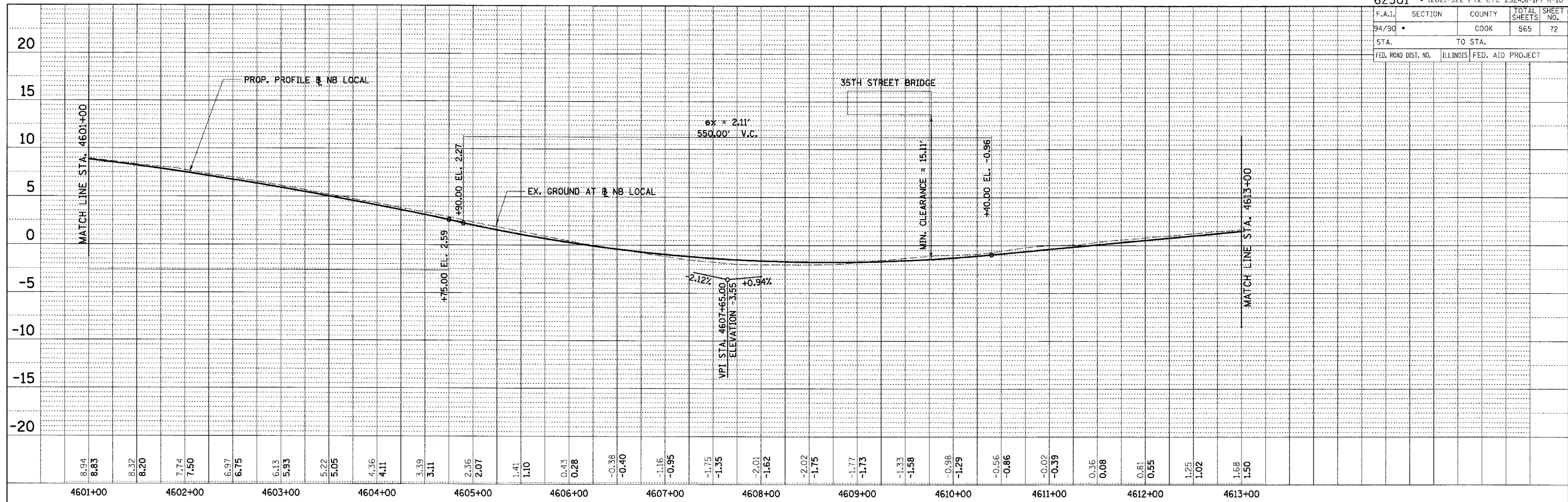
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NOTE BOOK	ALIGNED	CHECKED	
NO.	CADD	FILE NAME	

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES) PROFILES - NORTHBOUND LOCAL LANES 1" = 5' VERT SCALE: 1" = 50' HORIZ DATE: 06/09/06	DRAWN BY: JDC CHECKED BY: RS
NAME	DATE		

12/25/04 PM 6/7/2006

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	72
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
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PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
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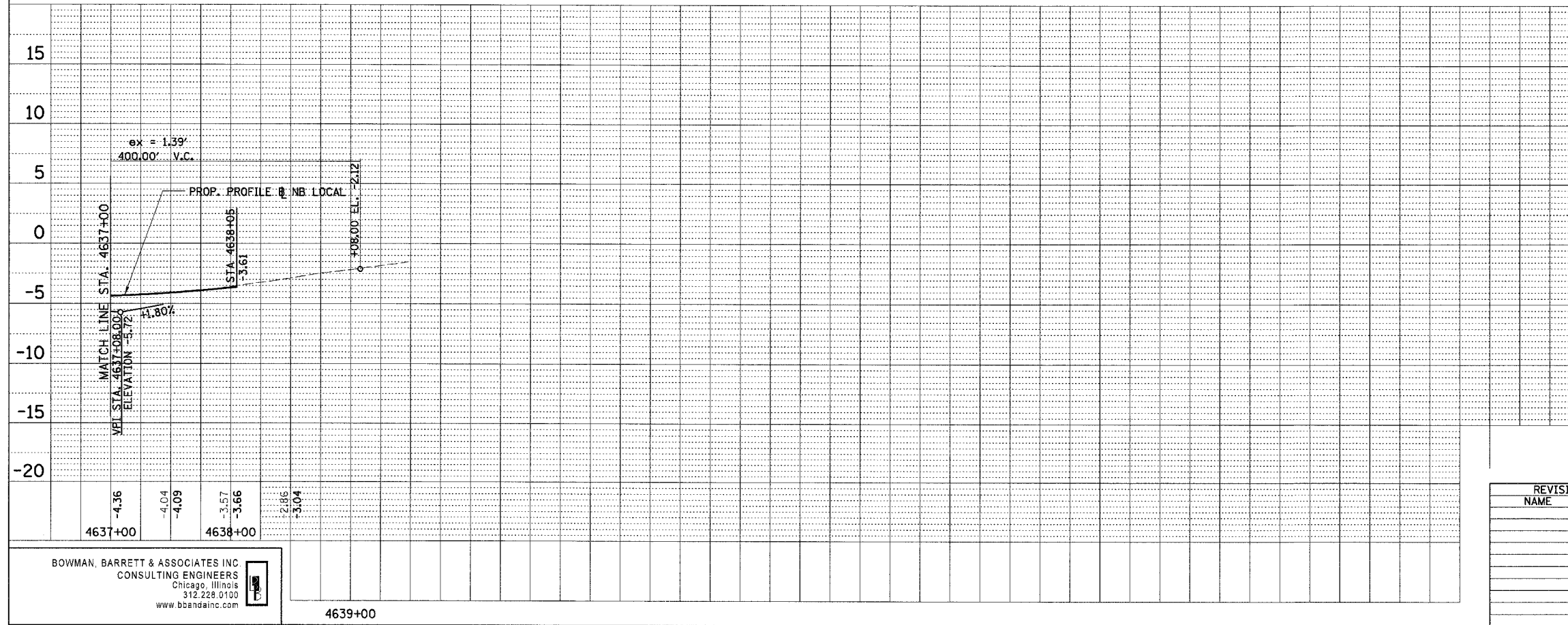
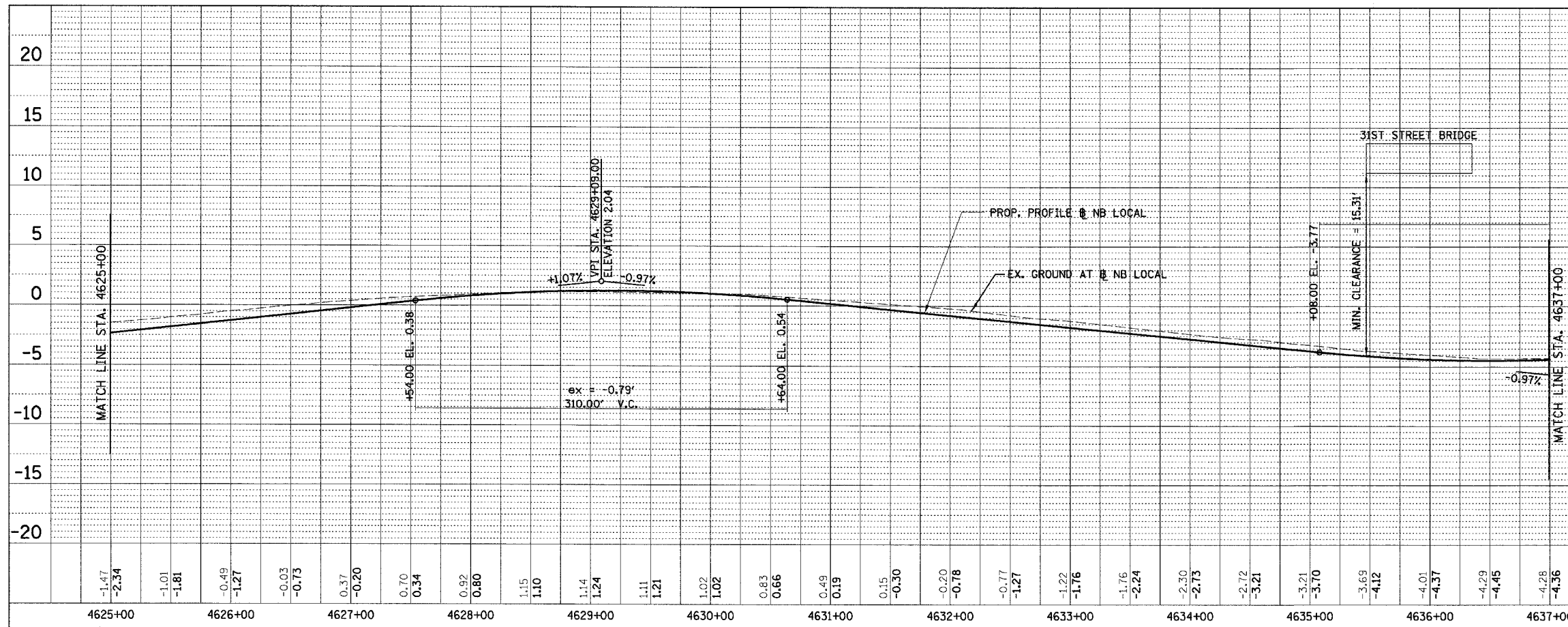
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REVISIONS	DATE
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 PROFILES - NORTHBOUND LOCAL LANES
 SCALE: 1" = 5' VERT
 DATE: 06/09/06
 DRAWN BY: JDC
 CHECKED BY: RS

PRO-7
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 6/7/2006

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	73
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID	PROJECT	



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

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REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
PROFILES - NORTHBOUND LOCAL LANES
SCALE: 1" = 50' HORIZ
DATE: 06/09/06
DRAWN BY: JDC
CHECKED BY: RS

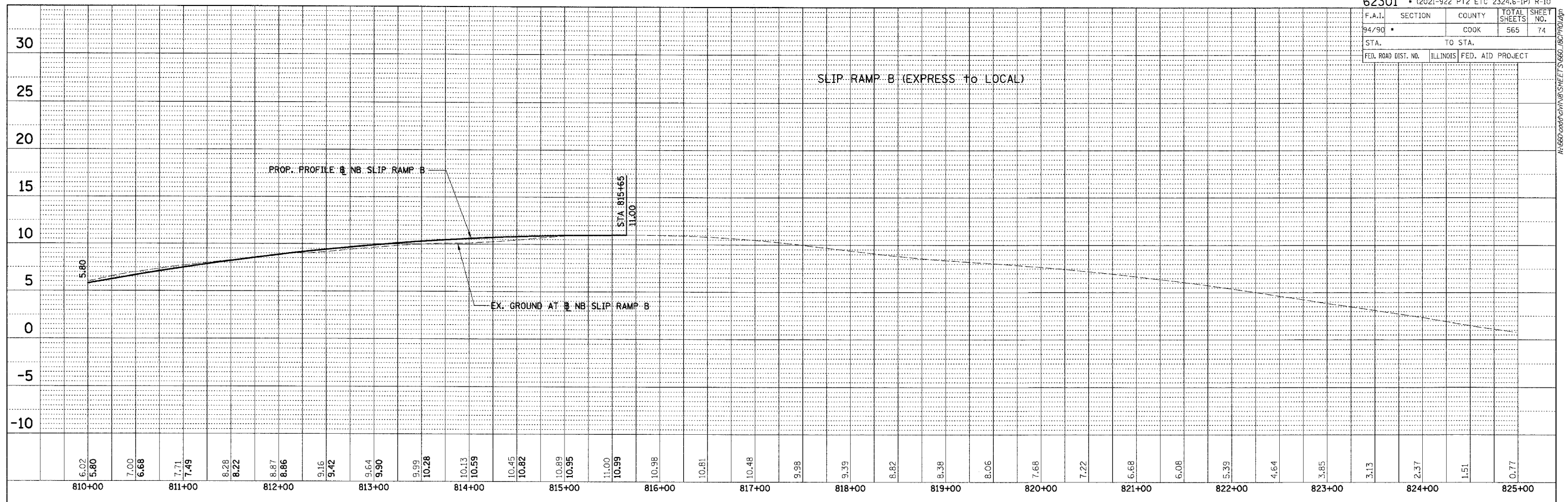
PRO-8

5/17/2006

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	74
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
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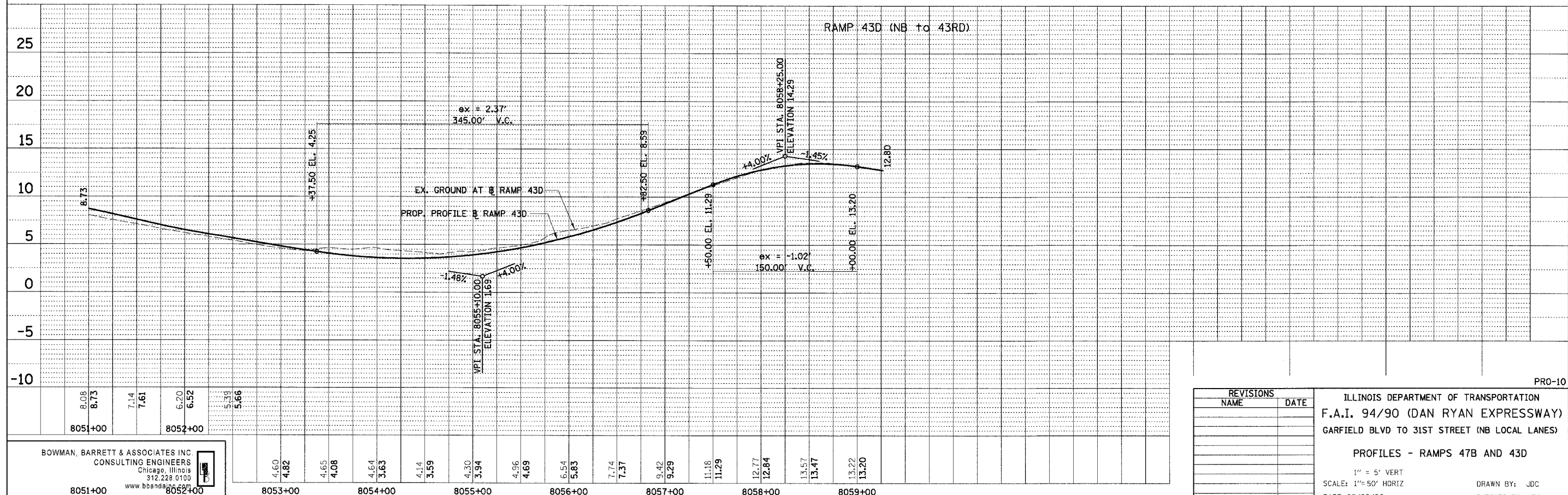
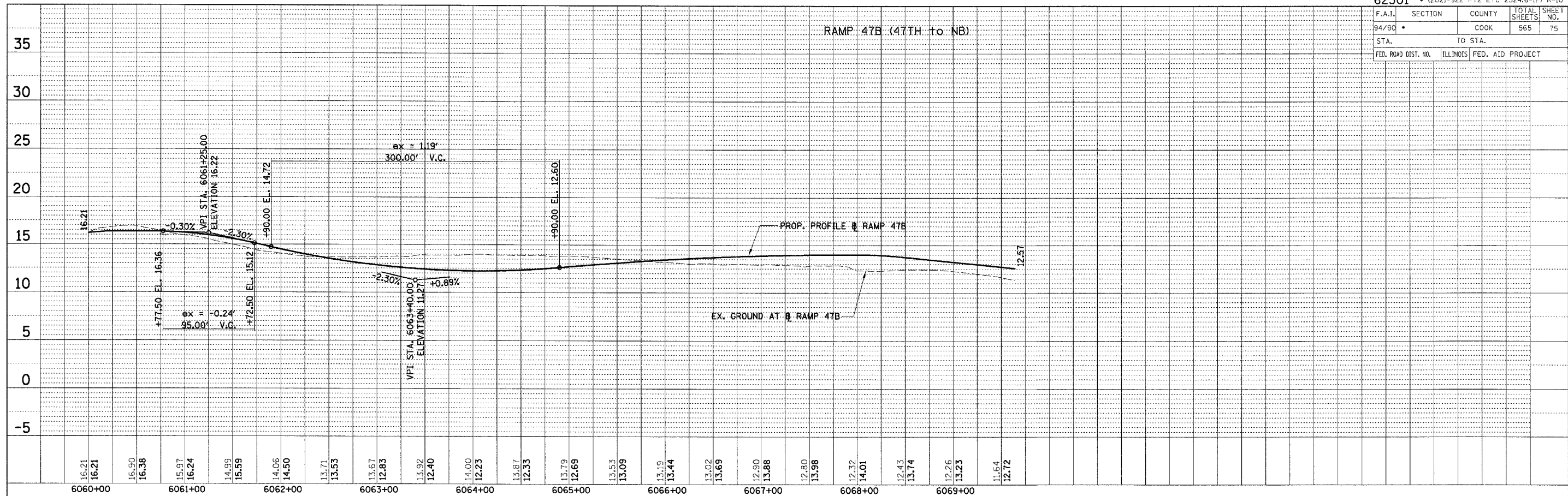
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
PROFILES - SLIP RAMP B
1" = 5' VERT
SCALE: 1" = 50' HORIZ
DATE: 06/09/06
DRAWN BY: JDC
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	75
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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NOTE BOOK	ALIGNMENT CHECKED	BY
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312.228.0100
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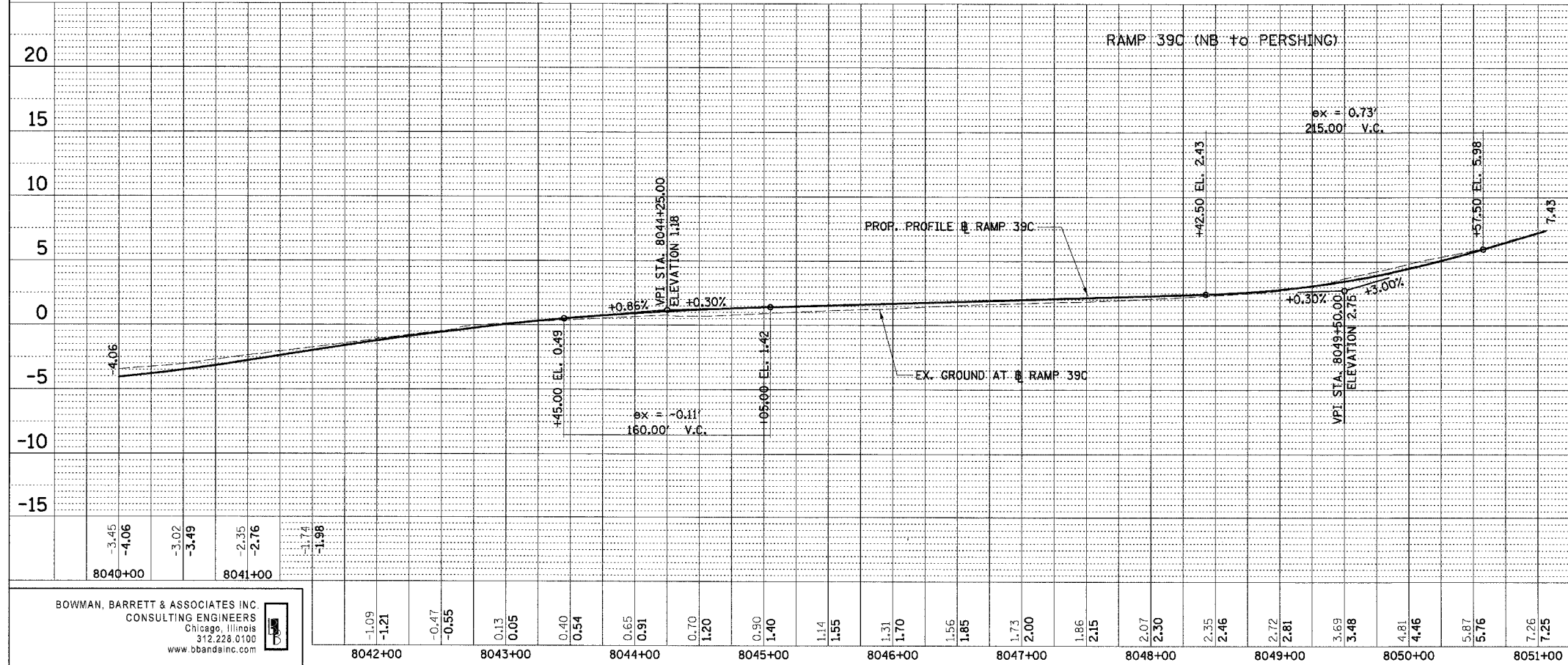
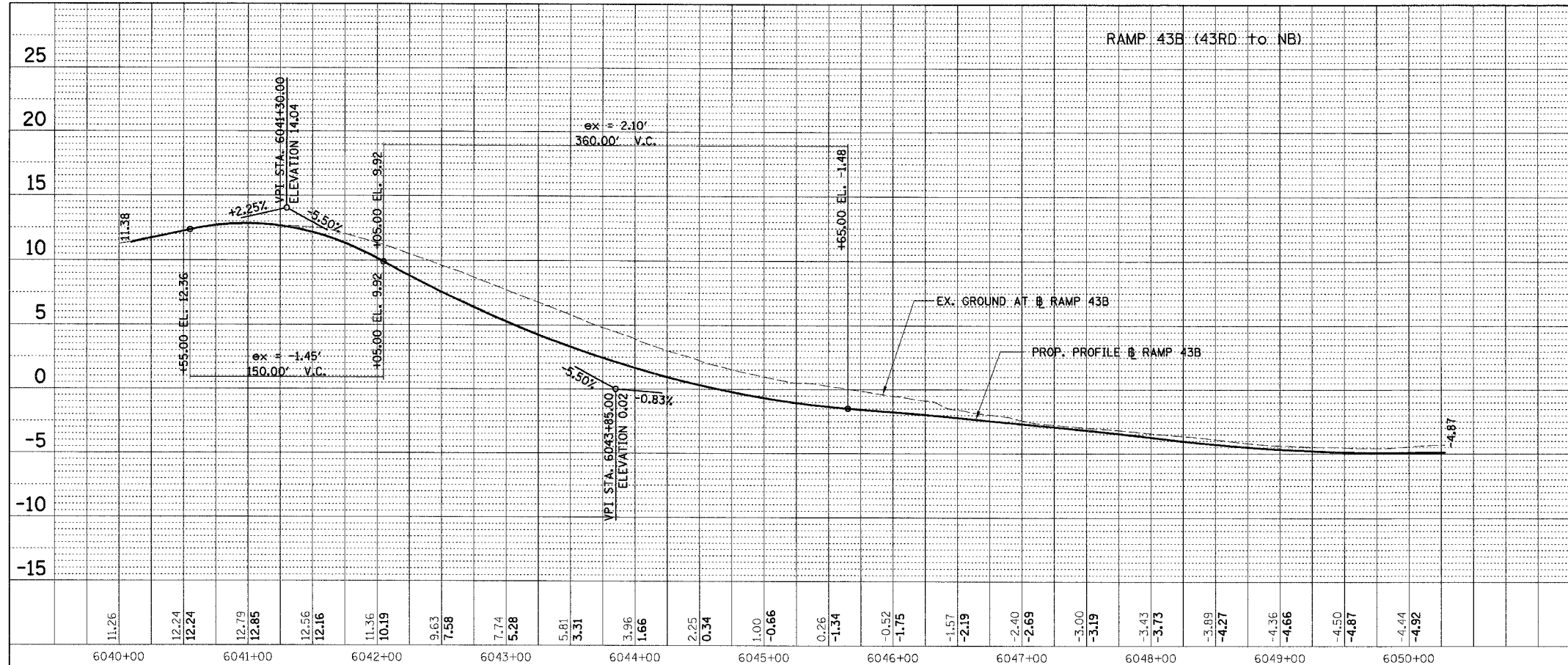
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
PROFILES - RAMPS 47B AND 43D
SCALE: 1" = 50' VERT
DATE: 06/09/06
DRAWN BY: JDC
CHECKED BY: RS

PRO-10

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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	76
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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NOTE BOOK	ALIGNMENT CHECKED	BY
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	CADD FILE NAME	

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
PROFILES - RAMPS 43B AND 39C
1" = 5' VERT
SCALE: 1" = 50' HORIZ
DATE: 06/09/06
DRAWN BY: JDC
CHECKED BY: RS

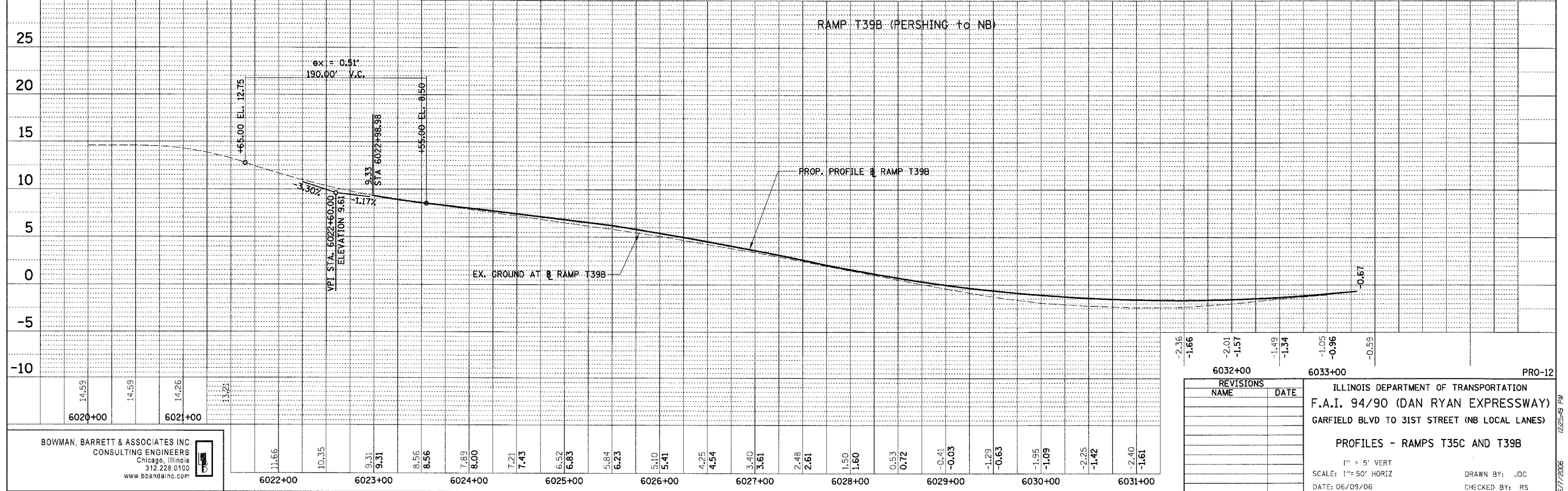
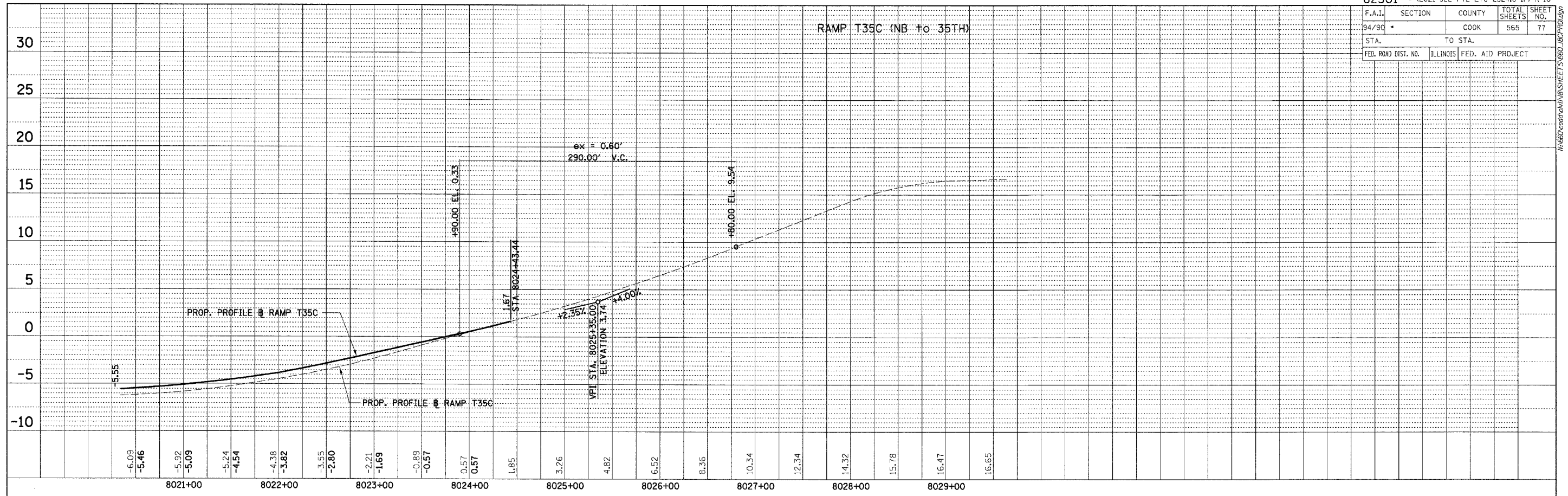
PRO-11

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6/7/2006

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	77
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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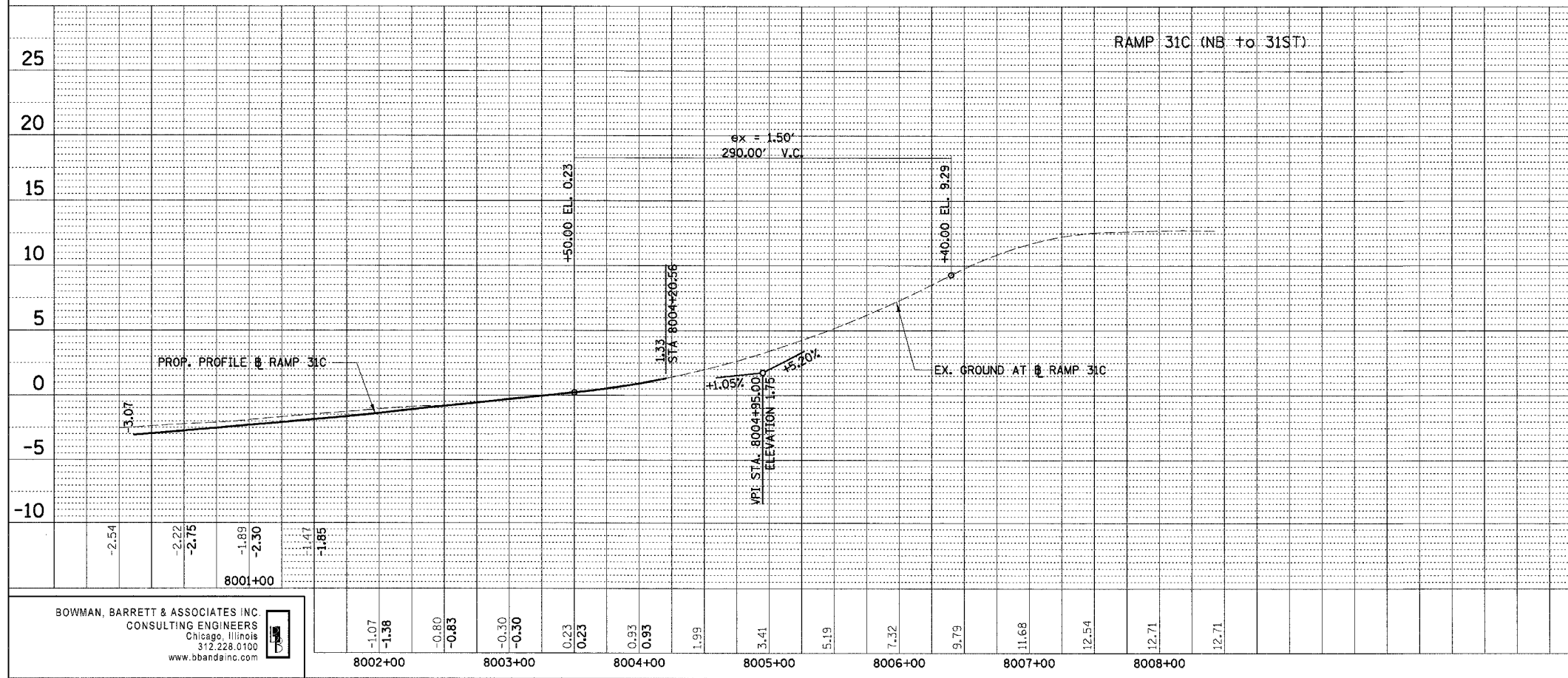
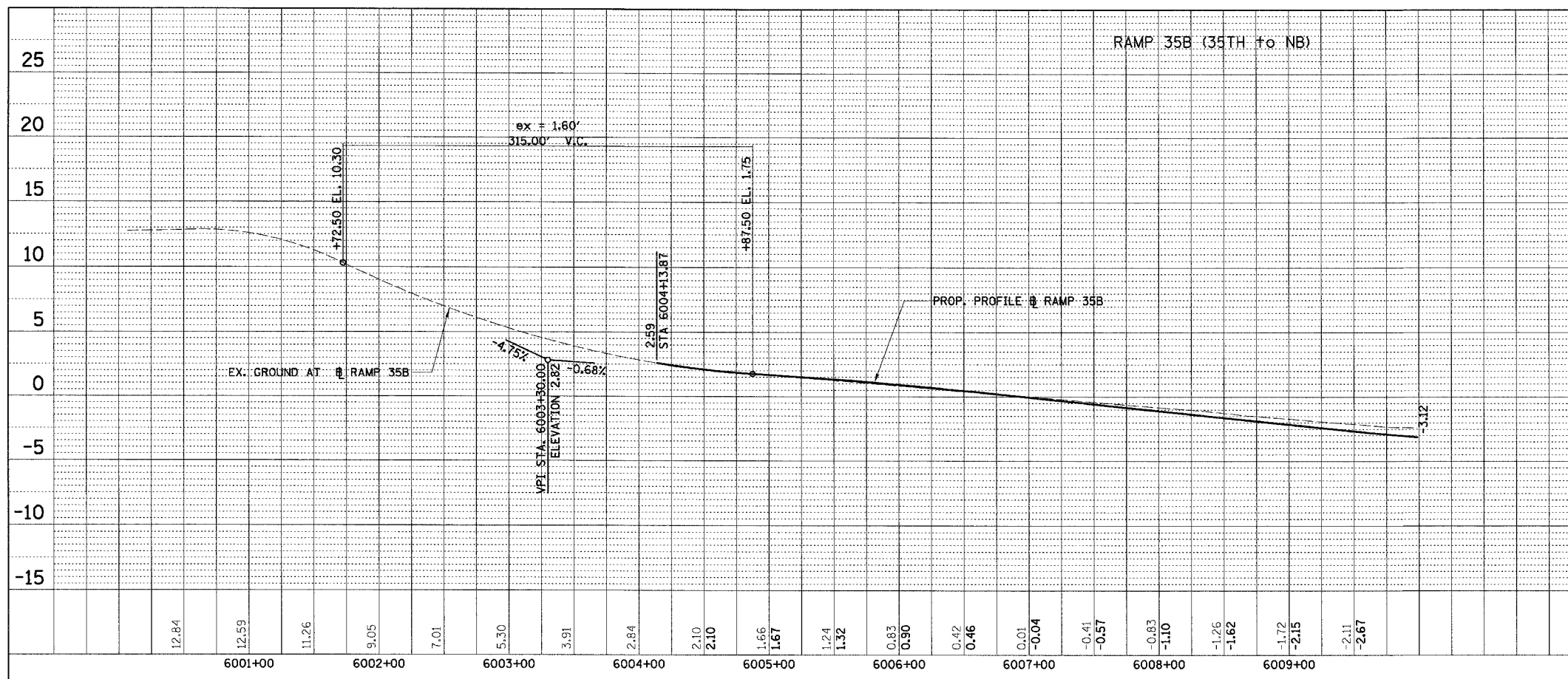


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ILLINOIS DEPARTMENT OF TRANSPORTATION		
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)		
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)		
PROFILES - RAMPS T35C AND T39B		
1" = 5' VERT		
SCALE: 1" = 50' HORIZ		
DATE: 06/09/06		
DRAWN BY: JDC		CHECKED BY: RS

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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	78
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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PLAN	REVISION	DATE
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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 PROFILES - RAMPS 35B AND 31C
 1" = 5' VERT
 SCALE: 1" = 50' HORIZ
 DATE: 06/09/06
 DRAWN BY: JDC
 CHECKED BY: RS

PRO-13

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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.
5. THE CONTRACTOR MUST COORDINATE WORK WITH IDOT CONTRACTS 62581, 62583, 62593, 60A62, 62985, 62986, 60B17 AND 62302.
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 (EXPRESSWAYS). TRAFFIC CONTROL FOR THE LOCAL STREETS SUCH AS WELLS, WENTWORTH, LA SALLE, LAFAYETTE AND STATE WILL PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
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.
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. DRUM SPACINGS SHALL BE 50' CENTER TO CENTER ALONG THE DAN RYAN AND 25' C-C AT ALL RAMP LOCATIONS. DRUMS SHALL BE PLACED AT 100' C-C AT LOCATIONS OF FULL SHOULDER WIDTH.
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/OVERHEAD SIGNS SHALL BE NON-DESTRUCTIVE IN NATURE AND 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. THE BASE OF THE TEMPORARY CONCRETE BARRIER ON THE EXPRESSWAY LANES SHALL BE MARKED WITH A 6" LINE AS DESCRIBED IN THE SPECIAL PROVISION FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS). THESE MARKINGS WILL BE MEASURED IN LINEAR FEET AND PAID FOR AS TEMPORARY PAVEMENT MARKING, LINE 6".
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. THESE SIGNS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TEMPORARY INFORMATION SIGNING OR CHANGEABLE MESSAGE SIGN.
17. ALL TEMPORARY PAVEMENT MARKINGS ARE SHOWN ON THE PLANS AS PAVEMENT MARKING TAPE, TYPE III OF THE LINE WIDTH SPECIFIED. THE CONTRACTOR MAY REQUEST PERMISSION TO USE EPOXY PAVEMENT MARKING IN PLACE OF PAVEMENT MARKING TAPE, TYPE III WHEN WEATHER CONDITIONS FALL OUTSIDE THE TEMPERATURE RESTRICTIONS STATED IN THE MANUFACTURERS SPECIFICATIONS FOR INSTALLING THE TAPE. THE INSTALLATION AND REMOVAL OF THE EPOXY PAVEMENT MARKING SHALL BE PAID FOR AS PAVEMENT MARKING TAPE, TYPE III AND WORK ZONE PAVEMENT MARKING REMOVAL RESPECTIVELY.
18. 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.
19. CLOSE COORDINATION IS NEEDED WITH CONTRACT 60A62. LANE CLOSURES AND STAGE CHANGES ARE DEPENDENT ON WORK INCLUDED IN CONTRACT 60A62 AND SHALL BE COORDINATED BETWEEN THE CONTRACTORS. THE CONTRACTOR SHALL NOTIFY THE CONTRACTOR OF CONTRACT 60A62 OF ANY LANE CLOSURES AND SCHEDULE CHANGES TO ALLOW THE CONSTRUCTION SEQUENCE TO FLOW SMOOTHLY.
20. THERE ARE NO DRAWINGS FOR STAGE 4 TRAFFIC CONTROL. ALL WORK SHALL BE COMPLETED USING DAYTIME/NIGHTTIME SHOULDER AND LANE CLOSURES.



MAINTENANCE OF TRAFFIC GENERAL NOTES (CONTINUED)

21. "RELOCATE TEMPORARY CONCRETE BARRIER" WILL BE MEASURED FOR PAYMENT WHEN THE BARRIER IS RELOCATED AND USED AS A TRAFFIC CONTROL DEVICE. THERE MAY BE SOME INSTANCES WHEN THE EXISTING TEMPORARY CONCRETE BARRIER REQUIRES RELOCATION DUE TO THE CONTRACTORS ACTIVITIES BUT THE BARRIER WILL NOT BE USED FOR MAINTENANCE OF TRAFFIC DURING THAT STAGE. THIS BARRIER WILL NOT BE MEASURED FOR PAYMENT UNTIL IT IS USED AS A TRAFFIC CONTROL DEVICE IN A SUBSEQUENT STAGE.

STAGING OVERVIEW:

STAGE 1

- RAMPS OPEN TO TRAFFIC:
- RAMP 55B (GARFIELD ENTRANCE RAMP)
 - RAMP 43D (43RD STREET EXIT RAMP)
 - RAMP 43B (43RD STREET ENTRANCE RAMP)
 - RAMP 35C (35TH STREET EXIT RAMP)
 - RAMP 35D (35TH STREET ENTRANCE RAMP)

- RAMPS CLOSED TO TRAFFIC:
- RAMP 47C (47TH STREET EXIT RAMP)
 - RAMP 47B (47TH STREET ENTRANCE RAMP)
 - RAMP 39C (PERSHING ROAD EXIT RAMP)
 - RAMP 39B (PERSHING ROAD ENTRANCE RAMP)
 - RAMP 31C (31ST STREET EXIT RAMP)

DESCRIPTION OF WORK PERFORMED IN THIS STAGE:

- RETAINING WALL N 47N-R ALONG 47TH ST. ENTRANCE RAMP TO NB LOCAL LANES
- LOCAL LANE RECONSTRUCTION (59TH-58TH, 57TH-51ST, 49TH-31ST)
- FRONTAGE ROAD AND RAMP RECONSTRUCTION
- GORE WORK AT RAMPS T39B AND 31C

SUBSTAGE 1A

DESCRIPTION OF WORK PERFORMED IN THIS STAGE:

- WORK SOUTH OF PERSHING ROAD SAME AS DESCRIBED IN STAGE 1
- GORE WORK AT RAMPS T39B AND 31C IS DONE AND RAMPS ARE OPEN TO TRAFFIC

STAGE 2

- RAMPS OPEN TO TRAFFIC:
- RAMP 55B (GARFIELD ENTRANCE RAMP)
 - RAMP 47C (47TH STREET EXIT RAMP)
 - RAMP 47B (47TH STREET ENTRANCE RAMP)
 - RAMP 39C (PERSHING ROAD EXIT RAMP)
 - RAMP 39B (PERSHING ROAD ENTRANCE RAMP)
 - RAMP 31C (31ST STREET EXIT RAMP)

- RAMPS CLOSED TO TRAFFIC:
- RAMP 43D (43RD STREET EXIT RAMP)
 - RAMP 43B (43RD STREET ENTRANCE RAMP)
 - RAMP 35C (35TH STREET EXIT RAMP)
 - RAMP 35D (35TH STREET ENTRANCE RAMP)

DESCRIPTION OF WORK PERFORMED IN THIS STAGE:

- LOCAL LANE RECONSTRUCTION (58TH-51ST, 49TH-31ST)
- RETAINING WALL N-43S-R AND N-43-N-F
- FRONTAGE ROAD AND RAMP RECONSTRUCTION
- GORE WORK AT RAMPS T35C AND 35B

STAGE 3

- RAMPS OPEN TO TRAFFIC:
- RAMP 47C (47TH STREET EXIT RAMP)
 - RAMP 47B (47TH STREET ENTRANCE RAMP)
 - RAMP 43B (43RD STREET ENTRANCE RAMP)
 - RAMP 39C (PERSHING ROAD EXIT RAMP)
 - RAMP 39B (PERSHING ROAD ENTRANCE RAMP)
 - RAMP 35C (35TH STREET EXIT RAMP)
 - RAMP 35D (35TH STREET ENTRANCE RAMP)
 - RAMP 31C (31ST STREET EXIT RAMP)

- RAMPS CLOSED TO TRAFFIC:
- RAMP 55B (GARFIELD ENTRANCE RAMP)
 - RAMP 43D (43RD STREET EXIT RAMP)
- DESCRIPTION OF WORK PERFORMED IN THIS STAGE:
- RETAINING WALL N-43S-R
 - LOCAL LANE RECONSTRUCTION (58TH-51ST, 49TH-31ST)
 - FRONTAGE ROAD AND RAMP RECONSTRUCTION

STAGING OVERVIEW (CONTINUED):

SUBSTAGE 3A

DESCRIPTION OF WORK PERFORMED IN THIS STAGE:

- RETAINING WALL N-43S-R
- LOCAL LANES LANE 1 AND MEDIAN BARRIER WALL

STAGE 4

- RAMPS OPEN TO TRAFFIC:
- RAMP 55B (GARFIELD ENTRANCE RAMP)
 - RAMP 47C (47TH STREET EXIT RAMP)
 - RAMP 47B (47TH STREET ENTRANCE RAMP)
 - RAMP 43C (43RD STREET EXIT RAMP)
 - RAMP 43B (43RD STREET ENTRANCE RAMP)
 - RAMP 39C (PERSHING ROAD EXIT RAMP)
 - RAMP 39B (PERSHING ROAD ENTRANCE RAMP)
 - RAMP 35C (35TH STREET EXIT RAMP)
 - RAMP 35D (35TH STREET ENTRANCE RAMP)
 - RAMP 31C (31ST STREET EXIT RAMP)

- RAMPS CLOSED TO TRAFFIC:
- NONE
- DESCRIPTION OF WORK PERFORMED IN THIS STAGE:
- INSTALL SHOULDER RUMBLE STRIP IN THE EXPRESS AND LOCAL LANES (GARFIELD BLVD TO 31ST STREET)
 - CONSTRUCT THE CROSSOVER LOCATIONS UTILIZED IN SUBSTAGE 3A

CHANGEABLE MESSAGE SIGNS

THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE PLACEMENT AND MESSAGES FOR ALL 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)
55TH STREET ENTRANCE RAMP (FRONTAGE ROAD)	1	10
47TH STREET EXIT RAMP	1	10
47TH ST ENTRANCE RAMP	1	12
43RD ST EXIT RAMP	1	12
43RD ST ENTRANCE RAMP	1	12
39TH ST EXIT RAMP	1	12
35TH ST EXIT RAMP	1	12
35TH ST ENTRANCE RAMP	1	12
33RD ST ENTRANCE RAMP	1	12
31ST ST EXIT RAMP	1	12
NB LSD AT 39TH EXIT	1	12
TOTAL	11	128

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
NAME	DATE	
		MAINTENANCE OF TRAFFIC GENERAL NOTES SCALE: NO SCALE DATE: June 9, 2006 DRAWN BY: RMG CHECKED BY: RMG

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	•	COOK	565	79
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
62301		• (2021-922 PT2 ETC 2324.6-1P) R-10		

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MAINTENANCE OF TRAFFIC SCHEDULE

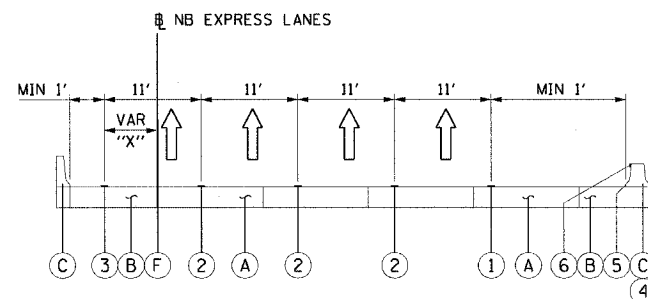
STAGE	SHEET	TEMPORARY PAVEMENT MARKING, LINE 6"	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	PAVEMENT MARKING TAPE, TYPE III 4"	PAVEMENT MARKING TAPE, TYPE III 5"	PAVEMENT MARKING TAPE, TYPE III 8"	PAVEMENT MARKING TAPE, TYPE III 12"	WORK ZONE PAVEMENT MARKING REMOVAL	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY BARRIER WALL	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	PAVEMENT MARKING REMOVAL	TEMPORARY INFORMATION SIGNING	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW) TEST LEVEL 3	WOOD SIGN SUPPORT	RELOCATE SIGN PANEL ASSEMBLY, TYPE B	RELOCATE SIGN PANEL TYPE 3	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TEMPORARY PAVEMENT (INTERSTATE)	TEMPORARY PAVEMENT REMOVAL	PAVEMENT REMOVAL	BITUMINOUS SURFACE REMOVAL 3"
		FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	EACH	SQ FT	SQ FT	EACH	EACH	EACH	FT	EACH	SQ FT	TON	SQ YD	SQ YD	SQ YD	SQ YD
STAGE 1	MOT-101	0	0	1,500	563	0	0	128	0	750	30	3,600	0	0	0	0	0	0	0	0	0	0	0	0
	MOT-102	0	108	4,261	1,800	1,737	68	0	0	2,050	82	4,802	0	1	0	0	0	0	0	0	0	0	0	0
	MOT-103	0	0	4,629	1,736	0	0	0	0	850	34	6,675	68	0	0	0	0	0	0	0	0	0	0	0
	MOT-104	660	0	5364	1800	667	113	0	290	1040	71	3443	221	2	0	0	0	0	0	53.4	0	0	0	0
	MOT-105	1190	0	5215	1800	1344	95	0	240	2420	120	3278	123	1	0	1	0	0	0	32.3	0	0	0	0
	MOT-106	850	0	5750	1800	785	73	0	360	2450	132	2636	132	2	0	0	0	0	491	32.7	0	0	0	0
	MOT-107	910	0	6416	1800	0	0	0	910	0	142	2719	69	1	0	1	0	0	491	11.8	389	0	389	0
	MOT-108	926	109	1644	979	4271	490	0	496	990	82	2967	66	1	0	0	0	0	592	94.6	0	0	0	0
STAGE 1A	MOT-1A01	1430	0	874	0	3306	401	308	1220	210	66	337	120	2	0	1	-	0	0	51.4	677	0	0	0
	MOT-1A02	1360	0	915	0	3145	497	544	500	860	66	200	144	1	1	0	0	0	34.6	807	0	538	0	
STAGE 2	MOT-201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	MOT-202	0	0	233	0	1,292	47	1,831	0	0	0	0	107	0	0	0	0	0	0	40	0	192	0	0
	MOT-203	0	0	1,617	0	0	0	22	0	0	0	0	58	1	0	0	0	0	0	0	0	0	0	0
	MOT-204	1440	0	2734	0	1248	174	1140	613	270	109	125	110	0	1	0	16	1	0	37.3	0	954	0	0
	MOT-205	790	73	3390	0	1764	72	1451	470	520	45	47	167	0	2	0	16	1	0	55.4	703	576	587	0
	MOT-206	0	0	403	0	0	0	476	0	340	14	0	24	0	0	0	0	0	0	0.0	0	584	0	0
	MOT-207	810	0	1120	0	90	0	249	0	810	36	0	12	0	0	0	0	0	0	0.0	0	211	0	0
	MOT-208	348	0	0	0	1156	328	925	0	350	28	0	0	0	0	0	0	0	0	0.0	0	0	0	267
STAGE 3	MOT-301	0	0	0	0	0	0	2,777	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0
	MOT-302	0	0	586	0	0	0	3,674	0	350	14	0	0	0	0	0	0	0	0	0	0	0	0	0
	MOT-303	0	0	0	0	0	0	2,288	0	0	0	0	81	0	0	0	0	0	0	0	0	0	0	0
	MOT-304	0	0	307	95	648	0	741	0	0	0	493	90	0	0	0	0	0	0	0.0	0	0	0	0
	MOT-305	1610	73	1837	0	5630	387	1722	860	1050	85	0	225	0	1	0	0	0	0	23.9	321	1264	0	0
	MOT-306	2400	0	4974	0	780	76	679	1980	1980	96	0	134	0	0	0	0	0	0	0.0	0	0	0	0
	MOT-307	2400	0	1609	0	4886	192	1662	500	3980	96	0	24	0	0	0	0	0	0	0.0	0	1594	0	0
	MOT-308	650	0	658	0	1556	214	1560	380	690	46	0	12	1	1	0	0	0	0	18.6	265	888	0	0
STAGE 3A	MOT-3A01	0	0	83	0	308	0	4361	0	0	0	0	0	0	0	0	0	0	0	0.0	0	867	0	0
	MOT-3A02	890	73	2986	260	730	33	10063	0	2260	108	0	0	0	1	0	0	0	0	0.0	0	1547	0	0
	MOT-3A03	0	0	4800	600	0	53	6513	0	4800	0	0	2	0	0	0	0	0	491	0.0	0	0	0	0
	MOT-3A04	0	0	4800	600	396	173	8839	0	4800	0	0	35	0	0	0	0	0	491	0.0	0	0	0	0
	MOT-3A05	1870	0	4515	485	3521	682	9652	640	2120	83	803	99	0	0	0	0	0	592	23.0	0	3051	0	0

TOTALS		4,536	217	34,779	12,278	8,803	839	128	2,296	10,550	693	30,119	679	8	0	2	0	0	1,574	225	389	0	389	0
STAGE 1		4,536	217	34,779	12,278	8,803	839	128	2,296	10,550	693	30,119	679	8	0	2	0	0	1,574	225	389	0	389	0
STAGE 1A		2,790	0	1,788	0	6,451	898	852	1,720	1,070	132	537	264	3	1	1	0	0	86	1,484	0	538	0	0
STAGE 2		3,388	73	9,496	0	5,550	622	5,566	1,610	2,290	232	172	478	1	3	0	32	2	133	703	2,517	587	267	0
STAGE 3		7,060	73	9,971	95	13,500	868	15,103	3,720	8,050	337	493	586	1	2	0	0	0	43	586	3,746	0	0	0
STAGE 3A		2,760	73	17,184	1,945	4,954	940	39,427	640	13,980	191	803	136	0	1	0	0	0	1,574	23	0	5,465	0	0
TOTAL		20,534	436	73,218	14,318	39,257	4,167	61,076	9,986	35,940	1,585	32,125	2,143	13	7	3	32	2	3,148	509	3,162	11,728	1,514	267

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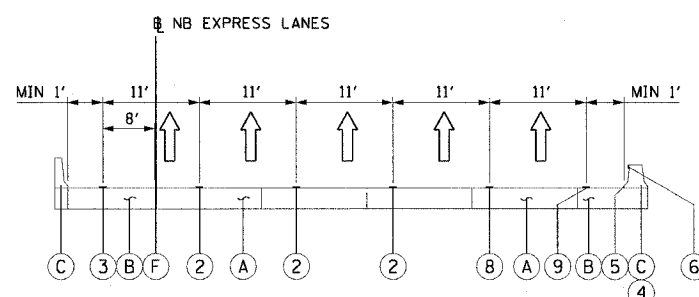
REVISIONS		MOTSCH-01 ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES) MAINTENANCE OF TRAFFIC SCHEDULE
NAME	DATE	
SCALE: NO SCALE	DRAWN BY: RMG	6/23/2006 10:02:21 AM
DATE: June 9, 2006	CHECKED BY: RMG	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	81
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
62301	• (2021-922 PT2 ETC 2324.6-1P) R-10			

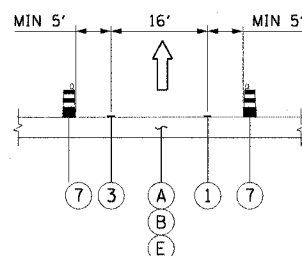


SECTION B-B STATION 2474+50.00 TO 2529+20.15

"X"	STATION RANGE
9'-4"	2474+51.44 TO 2476+00
4'	2476+00 TO 2484+00
4'-8"	2484+00 TO 2486+00
8'	2486+00 TO 2523+50
8'-5"	2523+50 TO 2525+00
5'	2525+00 TO 2529+20.15



SECTION D-D STATION 2492+81.62 TO 2499+04.16 (STAGE 1)
 SECTION D-D STATION 2492+81.62 TO 2503+05.56 (STAGE 2)
 SECTION D-D STATION 2496+65 TO 2503+05.56 (STAGE 3)



SECTION C-C
 RAMP SECTIONS

55TH STREET ENTRANCE RAMP
 47TH STREET EXIT RAMP

- ① PAVEMENT MARKING - LINE 4" (WHITE)
- ② PAVEMENT MARKING - LINE 5" (WHITE SKIP DASH)
- ③ PAVEMENT MARKING - LINE 4" (YELLOW)
- ④ RELOCATE TEMPORARY CONCRETE BARRIER
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6"
- ⑥ MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR
- ⑦ DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT
- ⑧ PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH)
- ⑨ PAVEMENT MARKING - LINE 8" (WHITE)

- A PAVEMENT
- B SHOULDER
- C EXISTING BARRIER WALL
- D EXISTING TEMPORARY BARRIER WALL
- E TEMPORARY PAVEMENT
- F PAVEMENT-SHOULDER JOINT

NOTES:

1. TYPICAL SECTIONS NEED TO BE VERIFIED WITH THE TRAFFIC CONTROL PLANS WITH REGARDS TO TRAFFIC CONTROL CONDITIONS AND PAVEMENT MARKING SIZES.

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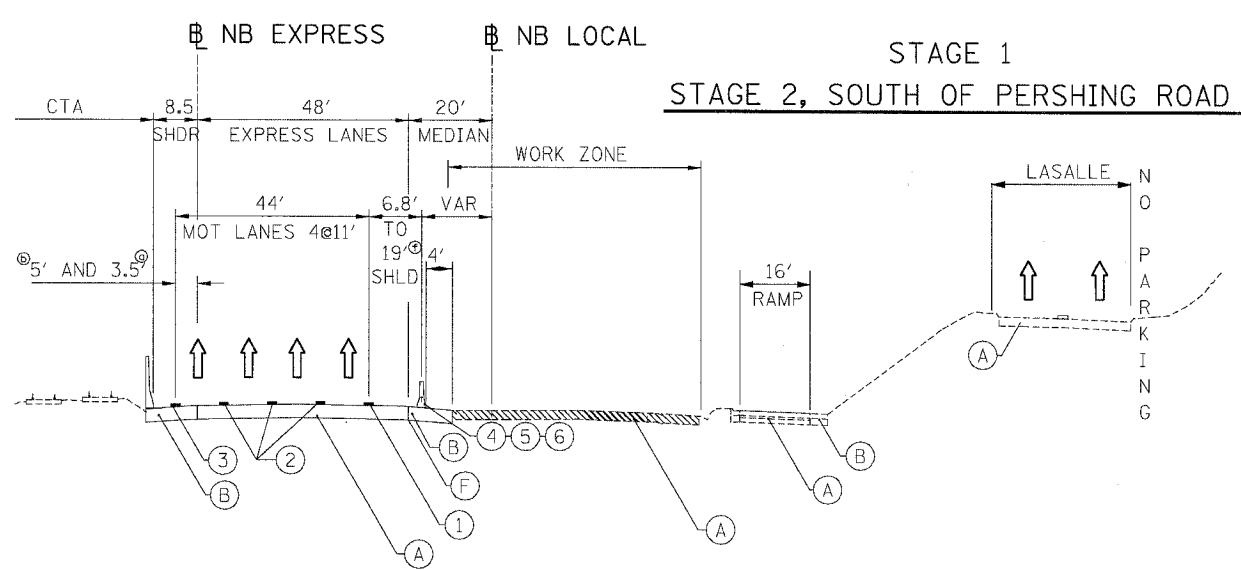
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
NAME	DATE	
		SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL TYPICAL SECTIONS

SCALE: NONE DRAWN BY: PHP
 DATE: June 9, 2006 CHECKED BY: RMG

MOTTS-01

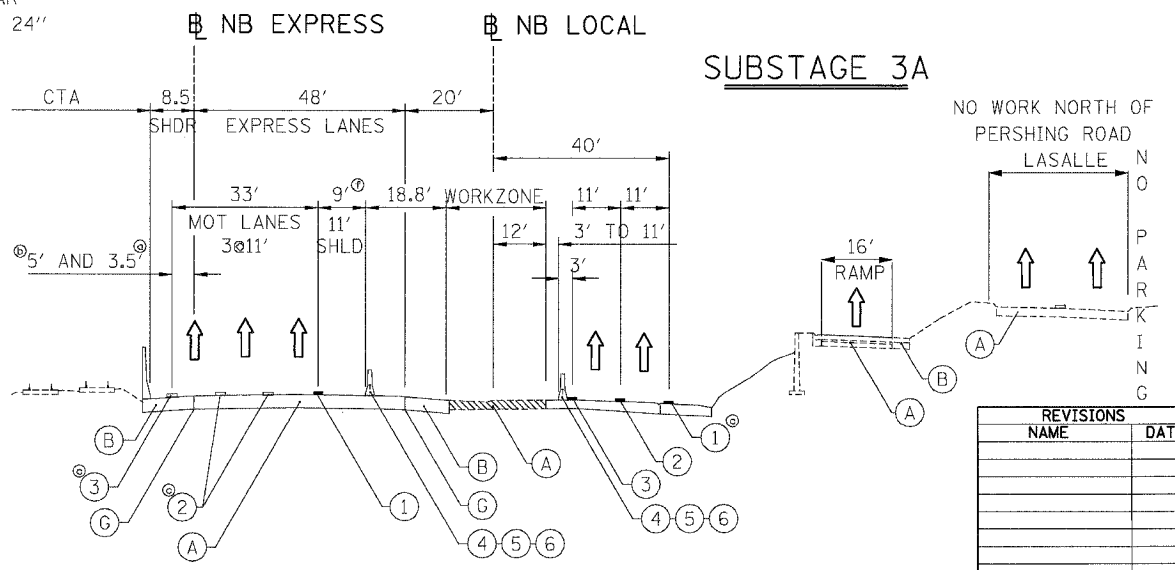
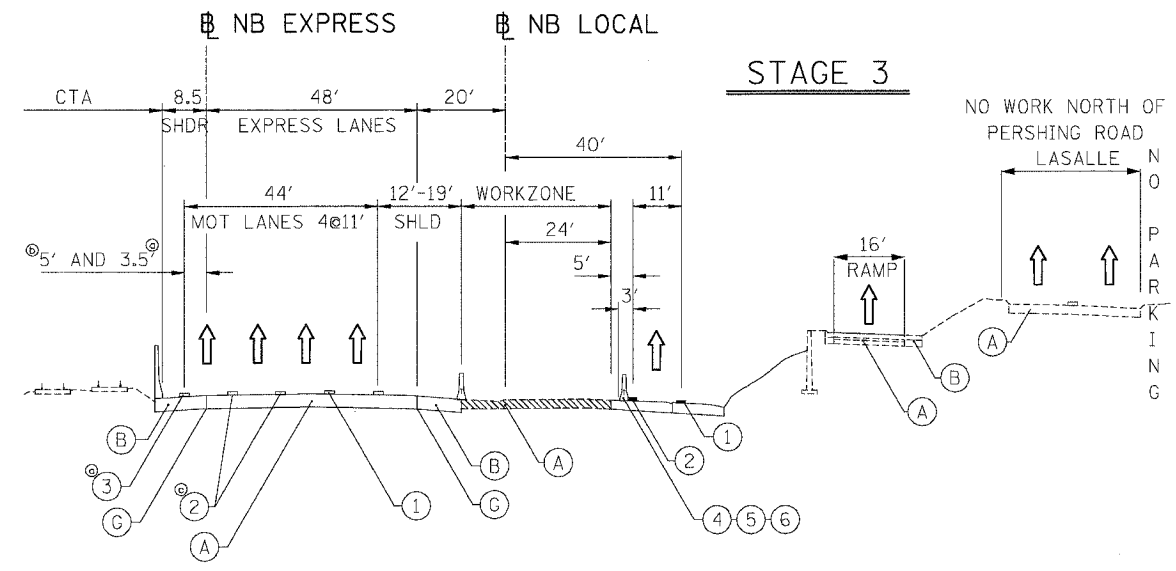
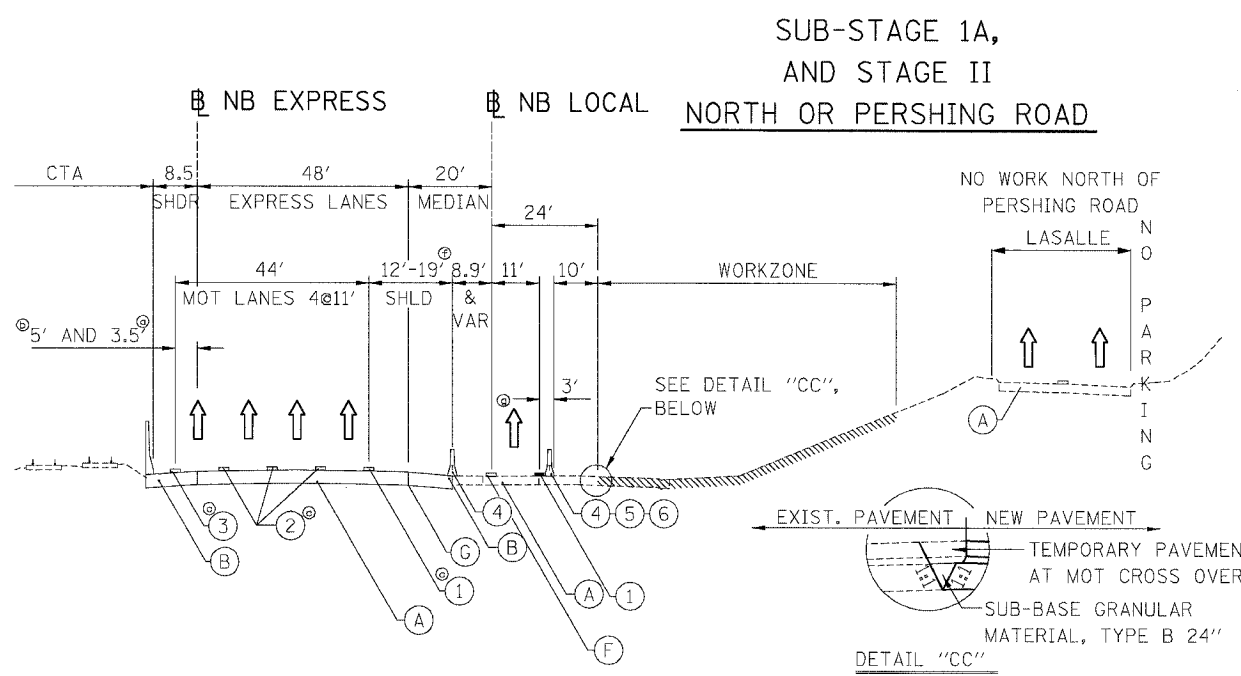
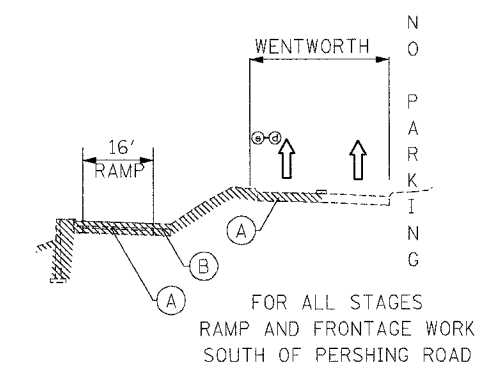
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	82
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301 • (12021-922 PT2 ETC 2324.6-1P) R-10				



STATION RANGE AND NOTES

- Ⓞ 5' STA 2529+20.2 TO 2606+00.0
STA 2625+00.0 TO 2636+19.9
- Ⓞ 3.5' STA 2608+89.0 TO 2623+00.0
- Ⓞ TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE I
- Ⓞ MILLING AND RESURFACING ADJACENT TO THE RAMP SHALL BE DONE DURING OFF PEAK HOURS. 2 LANES OF TRAFFIC SHOULD BE OPEN DURING PEAK HOURS.
- Ⓞ FRONTAGE ROAD WORK:
STAGE I STA 4529+91.0 TO 4534+59.3
STA 4578+95.0 TO 4582+24.5
STAGE 2 STA 4551+20.4 TO 4563+52.5
STAGE 3 AND SUBSTAGE 3A
STA 4551+20.4 TO 4556+06.0
- Ⓞ STAGE I AND SUBSTAGE IA
6.8' STA 2529+20.0 TO 2543+37.0
12' STA 2554+00.0 TO 2567+59.0
STA 2581+35.0 TO 2600+48.8
19' STA 2601+28.5 TO 2607+00.0
17.6' STA 2608+89.0 TO 2623+00.0
19' STA 2625+00.0 TO 2628+00.0
- Ⓞ STAGE 2
6.8' STA 2529+20.0 TO 2543+37.0
12' STA 2568+90.0 TO 2594+88.6
19' STA 2604+11.5 TO 2607+00.0
17.6' STA 2608+89.0 TO 2623+00.0
19' STA 2625+00.0 TO 2628+00.0
- Ⓞ STAGE 3
6.8' STA 2529+20.0 TO 2546+27.0
12' STA 2563+34.0 TO 2623+00.0
13.5' STA 2625+00.0 TO 2631+34.0
- Ⓞ 6.8' STA 4604+54.0 TO 4625+00.0



- | | |
|-----------------------------|--|
| EXISTING | PROPOSED |
| (A) PAVEMENT | (1) PAVEMENT MARKING-LINE 4" (WHITE) |
| (B) SHOULDER | (2) PAVEMENT MARKING-LINE 5" (WHITE SKIP DASH) |
| (C) EXISTING BARRIER WALL | (3) PAVEMENT MARKING-LINE 4" (YELLOW) |
| (D) TEMPORARY BARRIER WALL | (4) TEMPORARY CONCRETE BARRIER |
| (E) TEMPORARY PAVEMENT | (5) TEMPORARY PAVEMENT MARKING - LINE 6" |
| (F) PAVEMENT-SHOULDER JOINT | (6) MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR |
| | (7) DRUM OR BARRICADE TYPE II WITH STEADY BURN LIGHT |

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

REVISIONS	
NAME	DATE

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

MOT TYPICAL SECTIONS

SCALE: NTS
DATE: 06/09/06

DRAWN BY: RA
CHECKED BY: RS

MTTS-02
6/7/2006

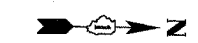
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	83
STA. 4474+50		TO STA. 4482+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		• (2021-922 PT2 ETC 2324.6-1P) R-10		



LEGEND:

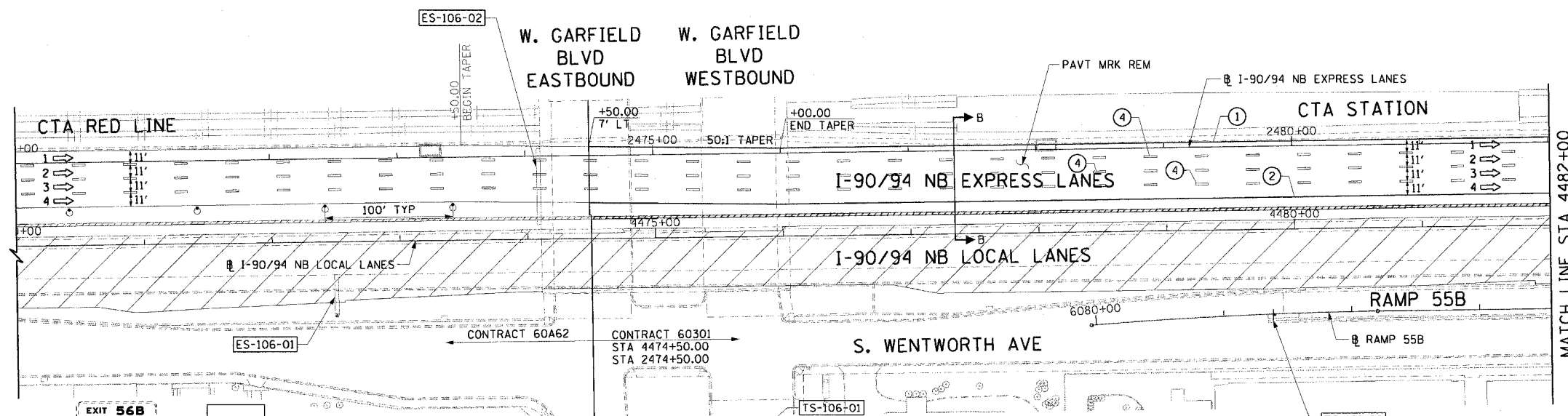
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ⊘ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
- TT BARRICADE TYPE III
- ▬ TEMPORARY CONCRETE BARRIER
- ① LINE 4" (YELLOW EDGE)
- ② LINE 4" (WHITE EDGE)
- 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, WHITE)
- ⑧ LETTERS AND SYMBOLS
- ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
- GS-XXX-XX EXISTING POST MOUNTED SIGNS
- TS-XXX-XX TEMPORARY SIGNS
- +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
- (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES

P:\2005\046\CH\N\B-conts 18 & 19.dwg 18/07/2005 15:40 PH

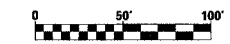


NOTES:

1. SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
2. SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.



MATCH LINE STA 4482+00



MOT-101

REVISIONS	
NAME	DATE

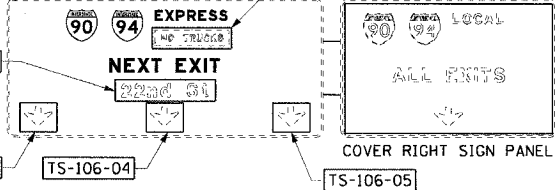
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 STAGE 1
 SCALE: 1"=50'
 DATE: June 9, 2006
 DRAWN BY: PHP
 CHECKED BY: RMG

CTE | AECOM

8'x1.5'=12 SQ FT
 TEMP INFO SIGNING
 GREEN
 (BY OTHERS)
 ES-106-01

3'x3'=27 SQ FT
 TEMP INFO SIGNING
 TS-106-03
 TS-106-04
 TS-106-05
 GREEN
 (BY OTHERS)

TS-106-02
 TS-106-03
 TS-106-04

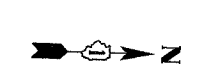


43rd St 1 1/2 Miles
 13'x2'=26 SQ FT
 TEMP INFO SIGNING
 TS-106-02
 (BY OTHERS)

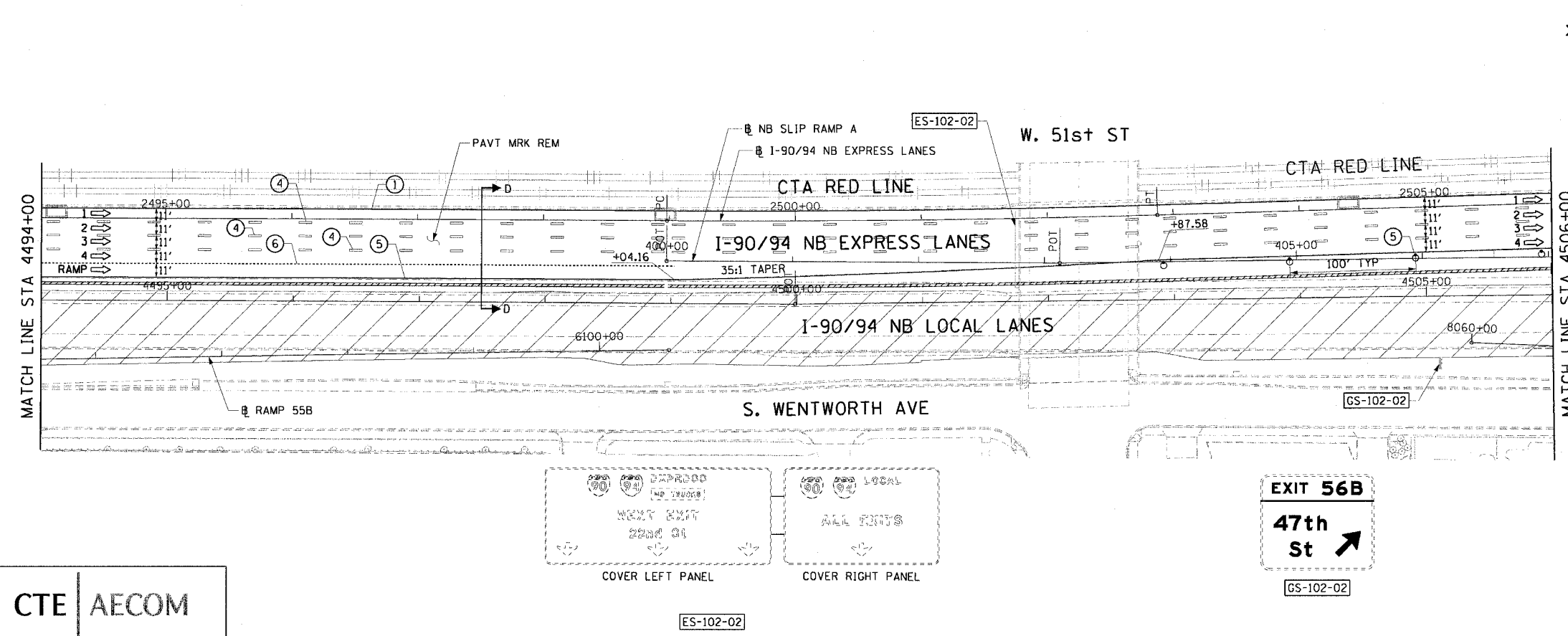
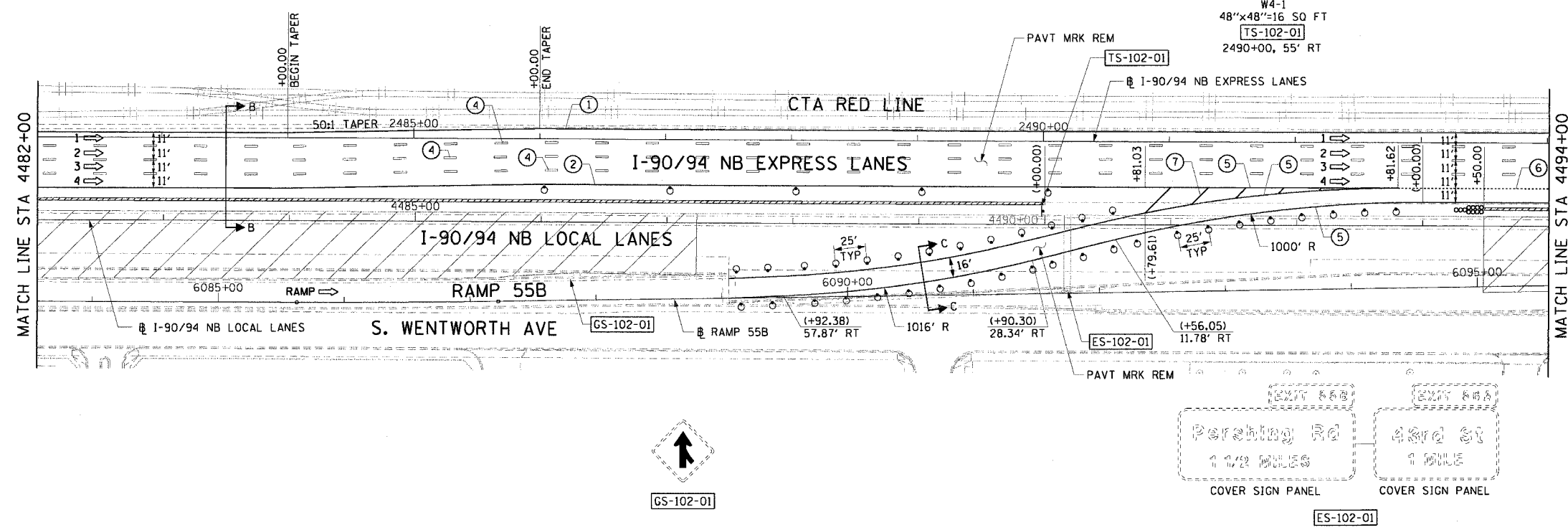
ROAD WORK AHEAD
 W20-1
 48'x48'=-16 SQ FT
 TS-101-02
 6081+40, B

6/7/2006 15:40 PH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	84
STA. 4482+00	TO STA. 4506+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
62301	• (2021-922 PT2 ETC 2324.6-1P) R-10			



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ⊞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊞ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - 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, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
 - +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 - (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.
 - THE SIGNING OF THE GARFIELD ENTRANCE RAMP SHALL BE IN ACCORDANCE WITH A STANDARD 701411.

CTE | AECOM

REVISIONS		NAME	DATE
NO.	DESCRIPTION		

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

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 1

SCALE: 1"=50'
DATE: June 9, 2006

DRAWN BY: PHP
CHECKED BY: RMG

15/142 PH 6/7/2006

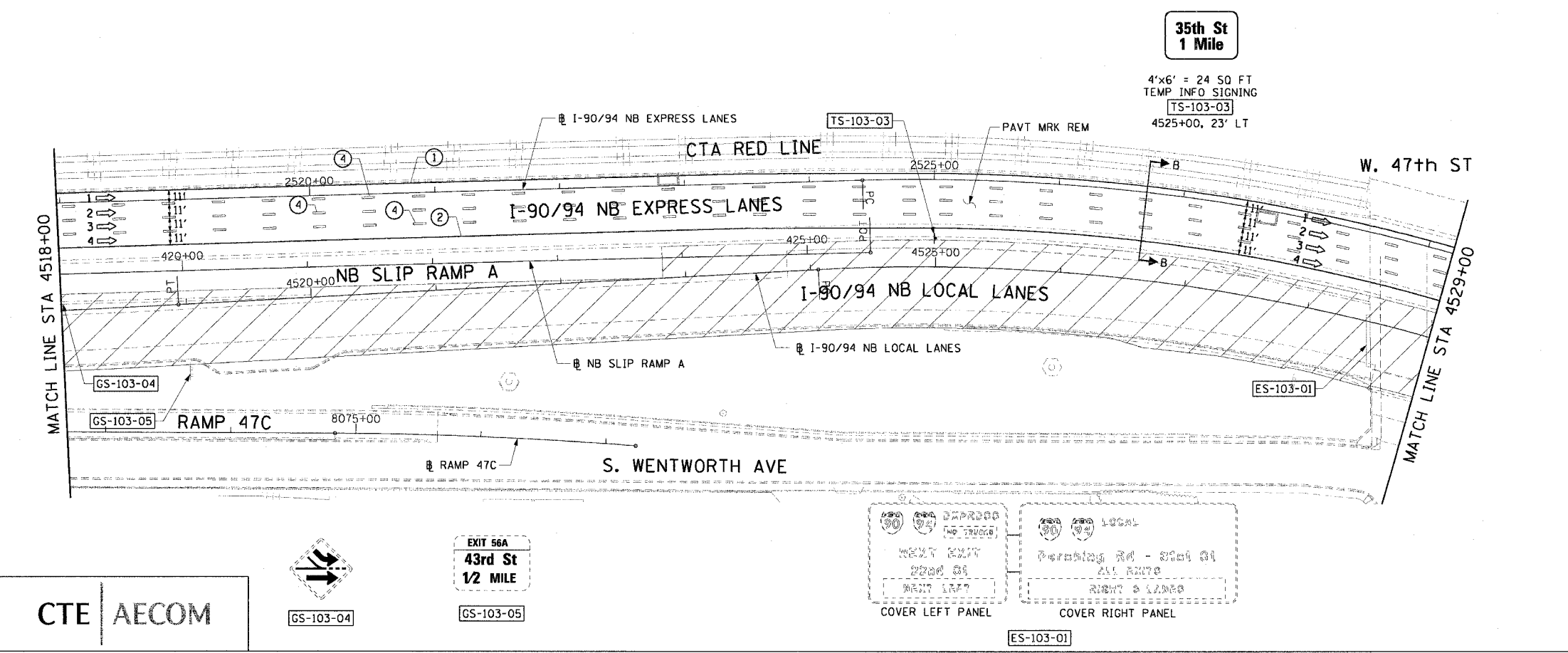
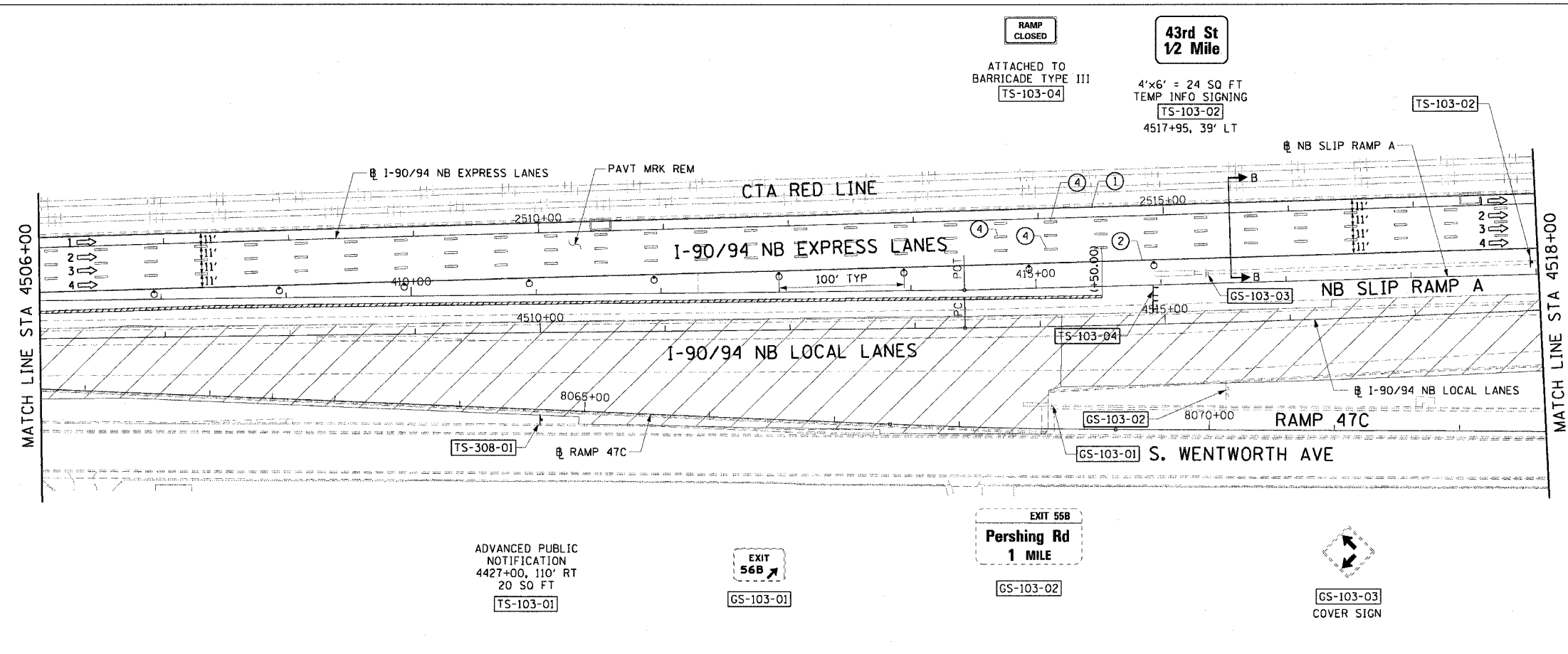
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	85
STA. 4506+00		TO STA. 4529+00		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		



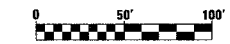
LEGEND:

- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
- [Hatched Box] WORK AREA
- [Diagonal Hatched Box] TEMPORARY PAVEMENT
- [Dashed Line] IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- [Circle with X] DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
- [T-shaped Symbol] BARRICADE TYPE III
- [Double Line] TEMPORARY CONCRETE BARRIER
- [Circle 1] LINE 4" (YELLOW EDGE)
- [Circle 2] LINE 4" (WHITE EDGE)
- [Circle 3] LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
- [Circle 4] LINE 5" (SKIP DASH, 30' SKIP - 10' DASH, WHITE)
- [Circle 5] LINE 8" (WHITE GORE LINE)
- [Circle 6] LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
- [Circle 7] LINE 12" (DIAGONAL, 30' C-C, WHITE)
- [Circle 8] LETTERS AND SYMBOLS
- [ES-XXX-XX] EXISTING OVERHEAD OR CANTILEVER SIGNS
- [GS-XXX-XX] EXISTING POST MOUNTED SIGNS
- [TS-XXX-XX] TEMPORARY SIGNS

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



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.
 - THE SIGNING AND BARRICADING FOR THE SLIP RAMP CLOSURE SHALL BE IN ACCORDANCE WITH DISTRICT 1 DETAIL TC-08.
 - SIGN TS-103-04 SHALL BE ERECTED 2 WEEKS PRIOR TO WHEN RAMP 47C IS CLOSED TO TRAFFIC. FOR DETAILS SEE DISTRICT 1 DETAIL TC-8.

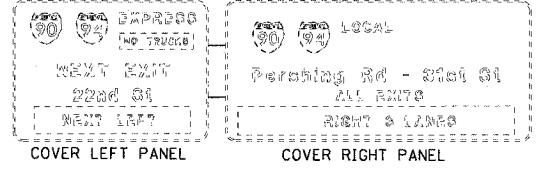


REVISIONS		MOT-103 ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
NAME	DATE	
		SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 1 SCALE: 1"=50' DATE: June 9, 2006 DRAWN BY: PHP CHECKED BY: RMC

CTE | AECOM



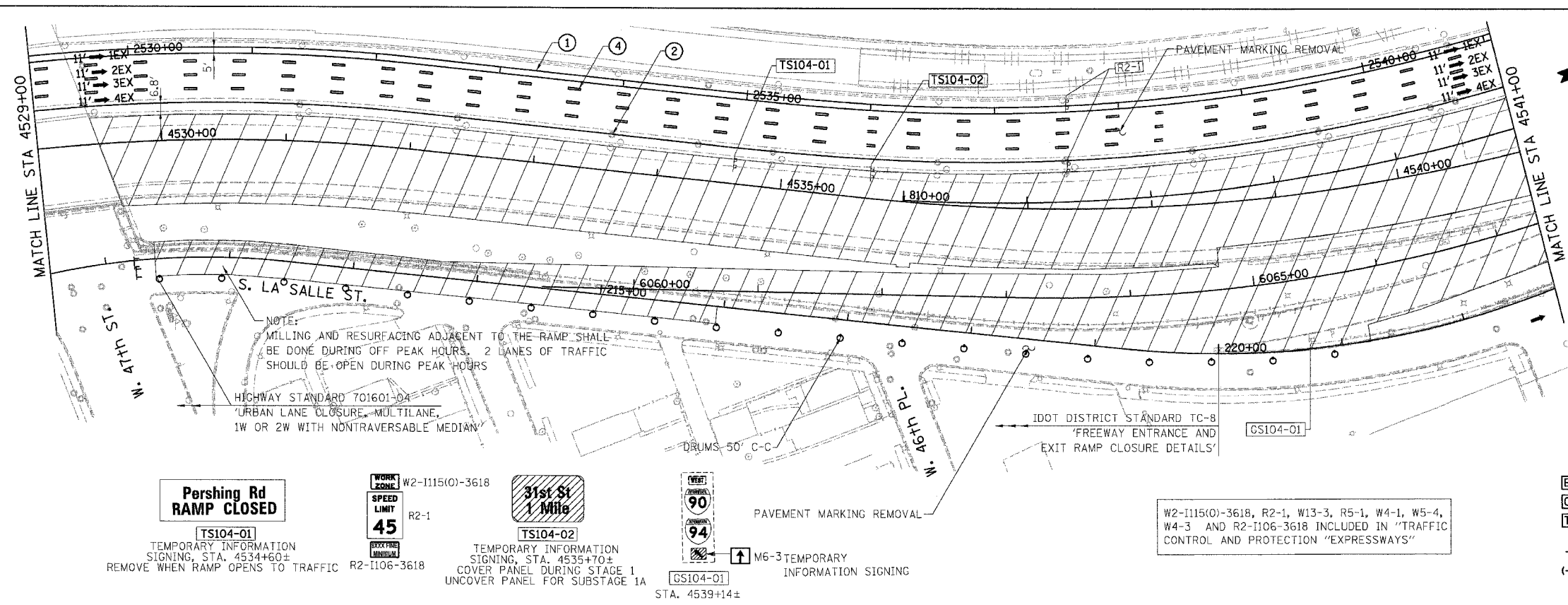
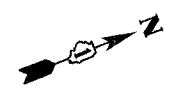
EXIT 56A
35th St
1/2 MILE



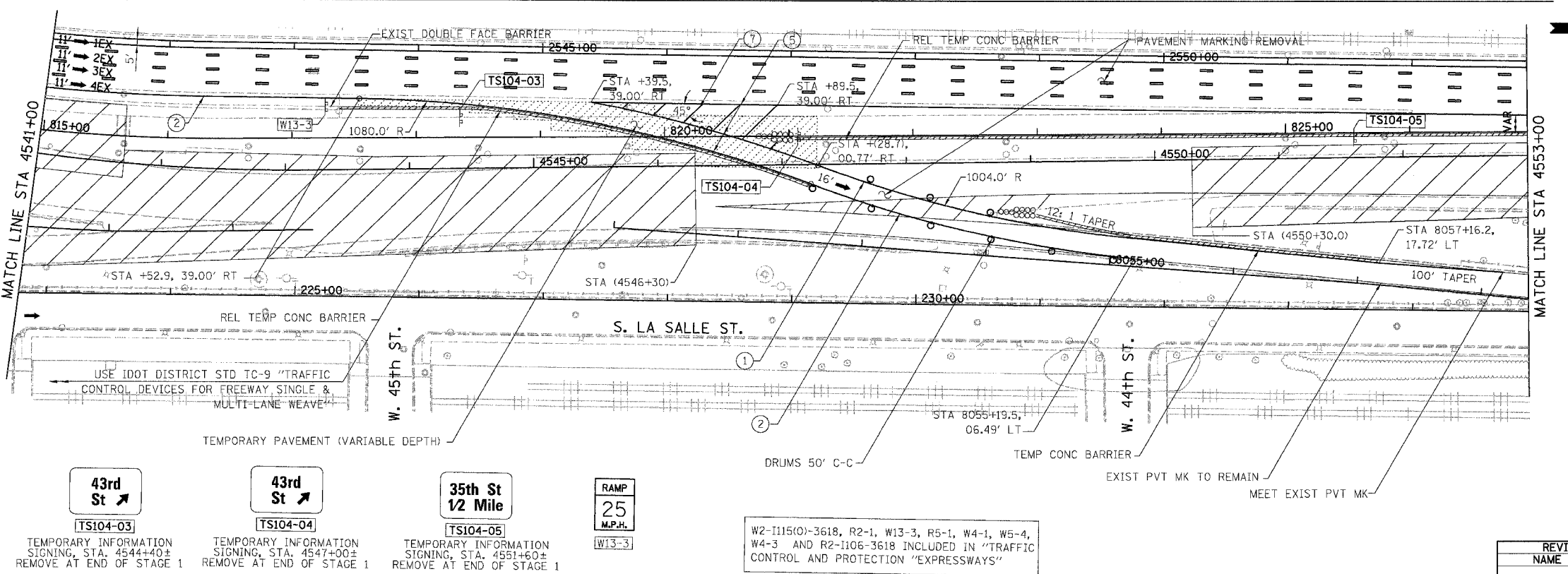
ES-103-01

6/7/2006 15:44 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	86
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*(2021-922 PT2 ETC 2324.6-1P) R-10			



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ⊞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊞ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - 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, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
 - +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 - (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

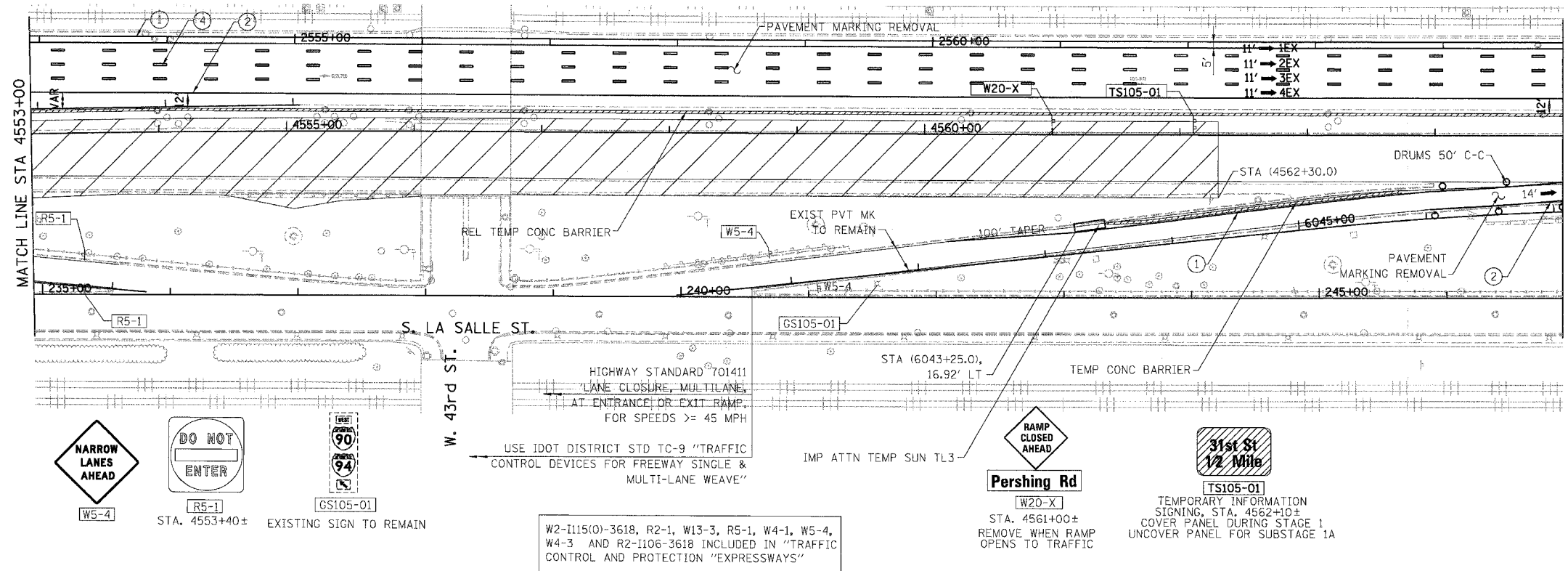
BOWMAN, BARRETT & ASSOCIATES INC
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE I TO REMAIN TO END OF SUBSTAGE 3A, UNLESS OTHERWISE SPECIFIED IN NEXT STAGE OR SUBSTAGE.

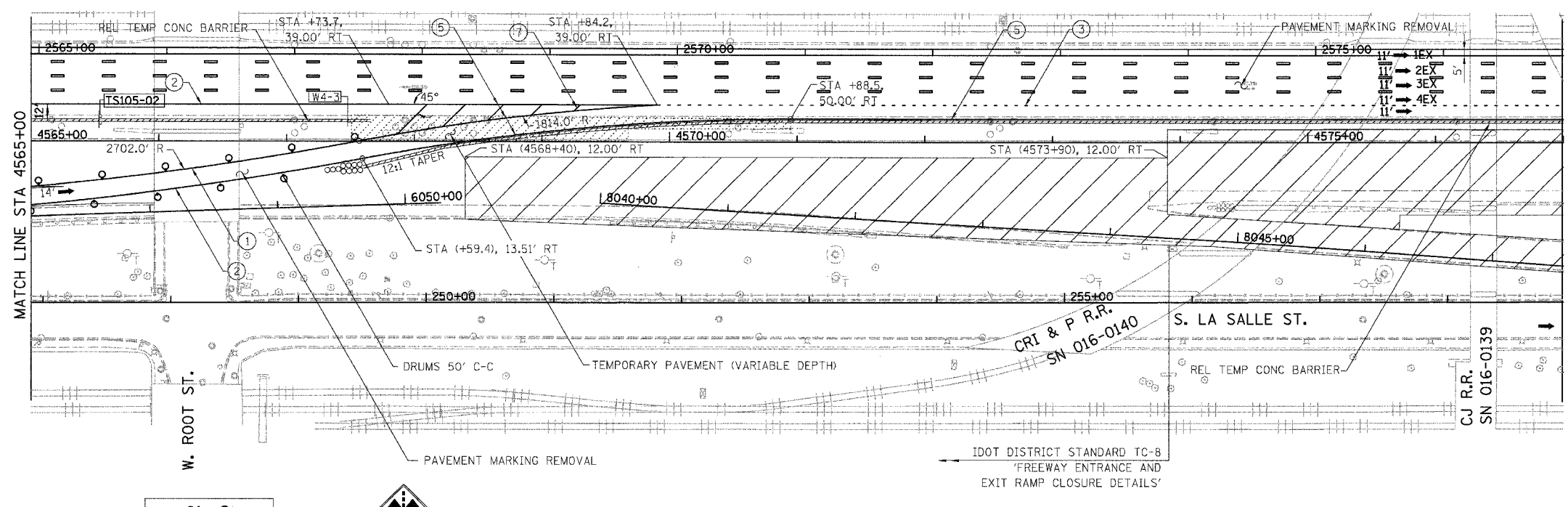
REVISIONS	
NAME	DATE

MOT-104
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE I
SCALE: 1"=50'
DATE: 06/09/06
DRAWN BY: RA
CHECKED BY: RS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	COOK		565	87
STA.		TO STA.		
62301		*2021-922 PT2 ETC 2324.6-1P) R-10		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ∞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊥ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - 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, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - [ES-XXX-XX] EXISTING OVERHEAD OR CANTILEVER SIGNS
 - [GS-XXX-XX] EXISTING POST MOUNTED SIGNS
 - [TS-XXX-XX] TEMPORARY SIGNS
 - +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 - (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

31st St RAMP CLOSED

[TS105-02] TEMPORARY INFORMATION SIGNING, STA. 4565+50± REMOVE WHEN RAMP OPENS TO TRAFFIC

[W4-3] STA. 4568+10±

[W2-I115(0)-3618, R2-1, W13-3, R5-1, W4-1, W5-4, W4-3 AND R2-1106-3618 INCLUDED IN "TRAFFIC CONTROL AND PROTECTION "EXPRESSWAYS"

W2-I115(0)-3618, R2-1, W13-3, R5-1, W4-1, W5-4, W4-3 AND R2-1106-3618 INCLUDED IN "TRAFFIC CONTROL AND PROTECTION "EXPRESSWAYS"

DOT DISTRICT STANDARD TC-8 "FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS"

CR1 & P R.R. SN 016-0140

CJ R.R. SN 016-0139

SCALE: 1"=50'

DATE: 06/09/06

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CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

REVISIONS	
NAME	DATE

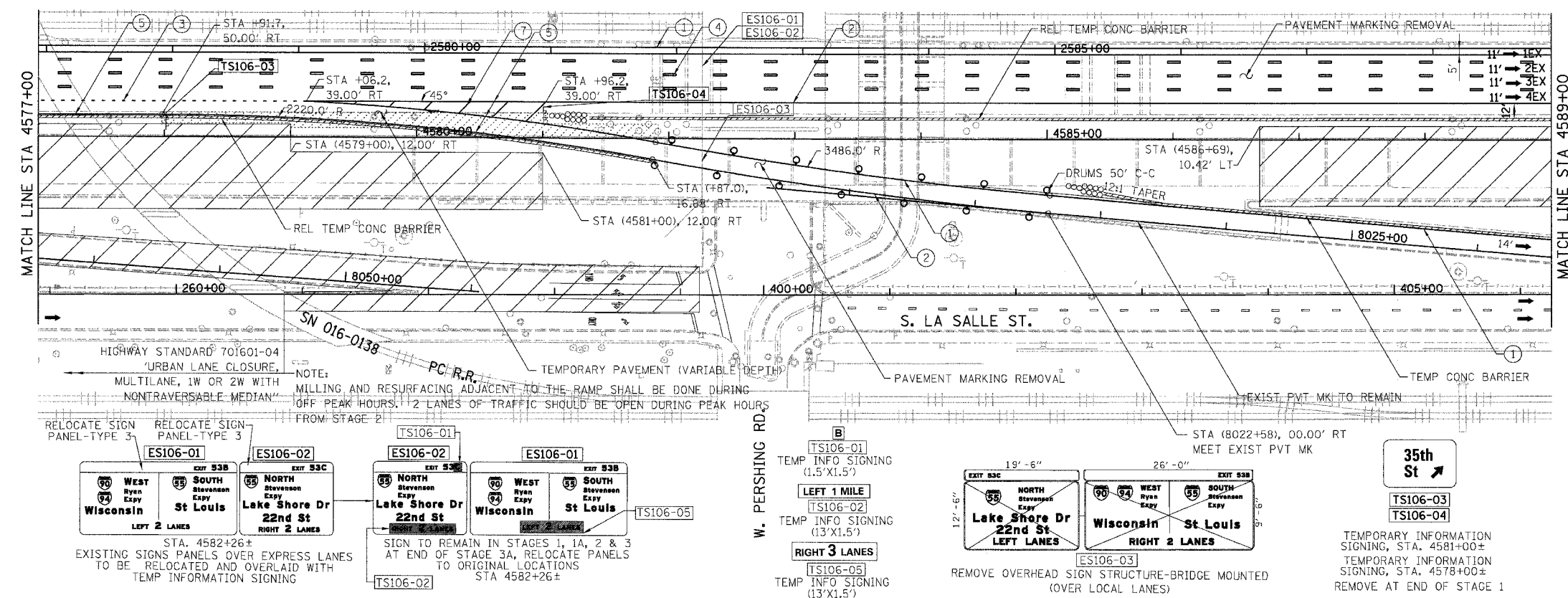
MOT-105

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
STAGE I

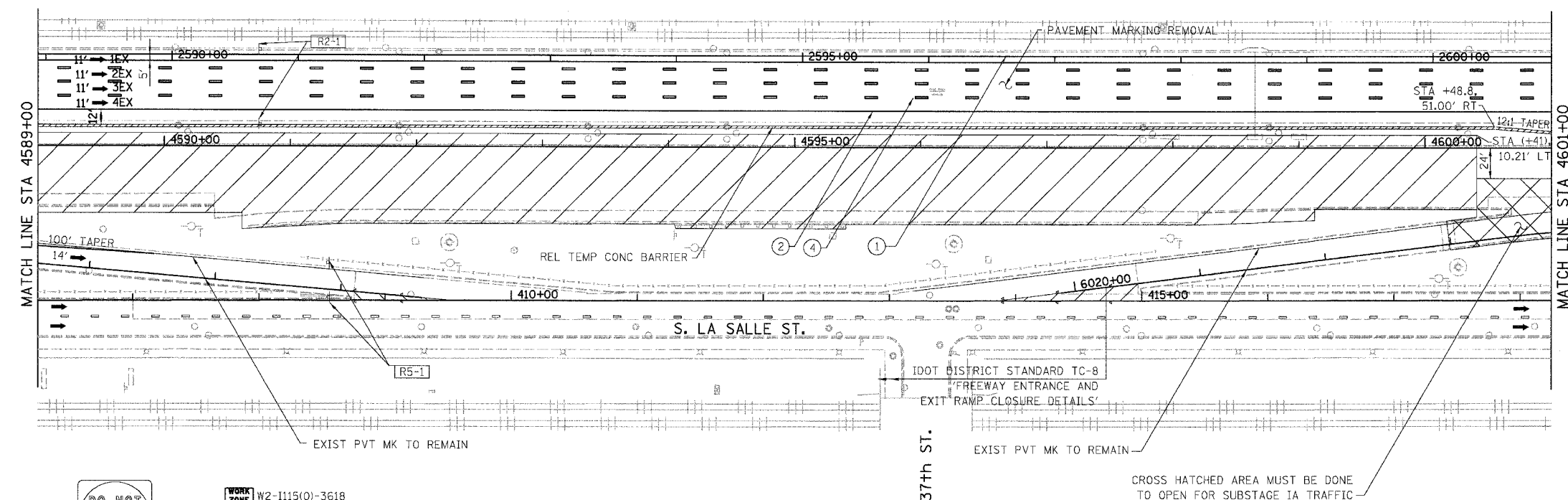
SCALE: 1"=50'
DATE: 06/09/06
DRAWN BY: RA
CHECKED BY: RS

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE I TO REMAIN TO END OF SUBSTAGE 3A, UNLESS OTHERWISE SPECIFIED IN NEXT STAGE OR SUBSTAGE.

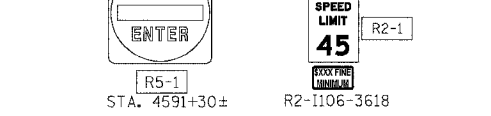
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	88
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*(2021-922 PT2 ETC 2324.6-1P) R-10			



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ▭ BARRICADE TYPE III
 - ▭ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - 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, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
 - +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 - (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.



W2-I115(O)-3618, R2-1, W13-3, R5-1, W4-1, W5-4, W4-3 AND R2-I106-3618 INCLUDED IN "TRAFFIC CONTROL AND PROTECTION "EXPRESSWAYS"

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

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE I TO REMAIN TO END OF SUBSTAGE 3A, UNLESS OTHERWISE SPECIFIED IN NEXT STAGE OR SUBSTAGE.

REVISIONS	NAME	DATE

MOT-106

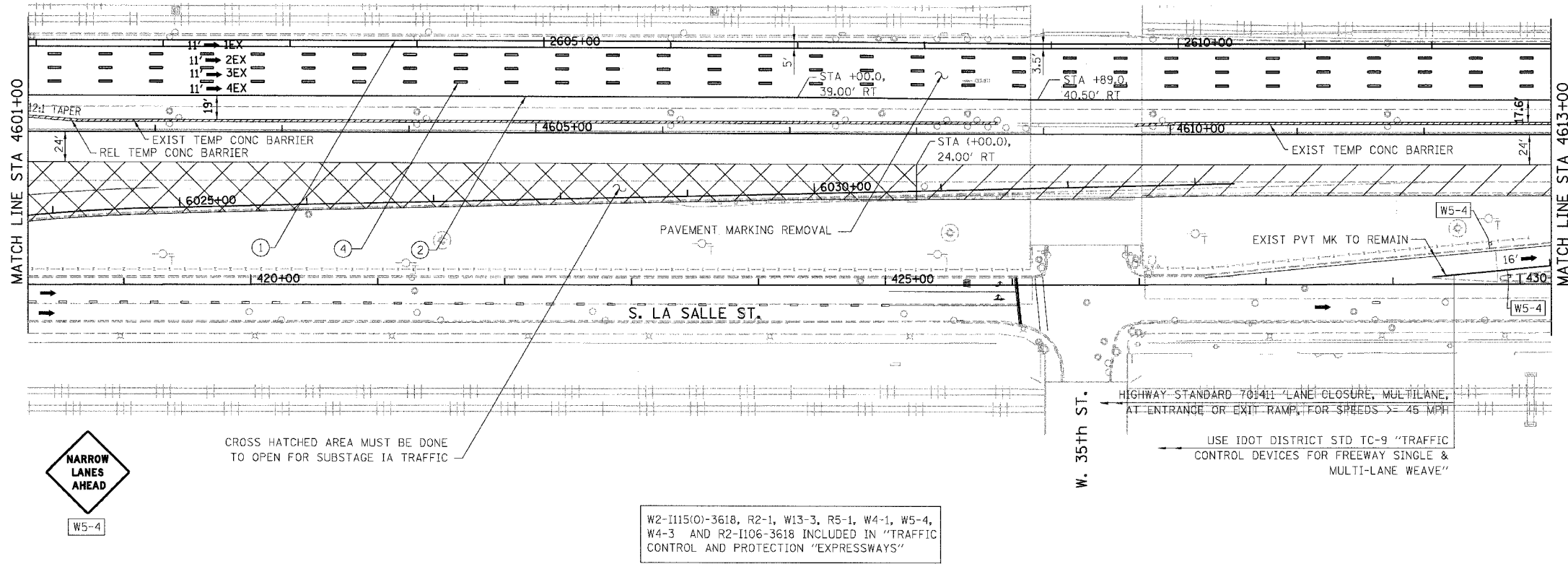
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE I

SCALE: 1"=50'
DATE: 06/09/06

DRAWN BY: RA
CHECKED BY: RS

16/7/2006 10:59 PM

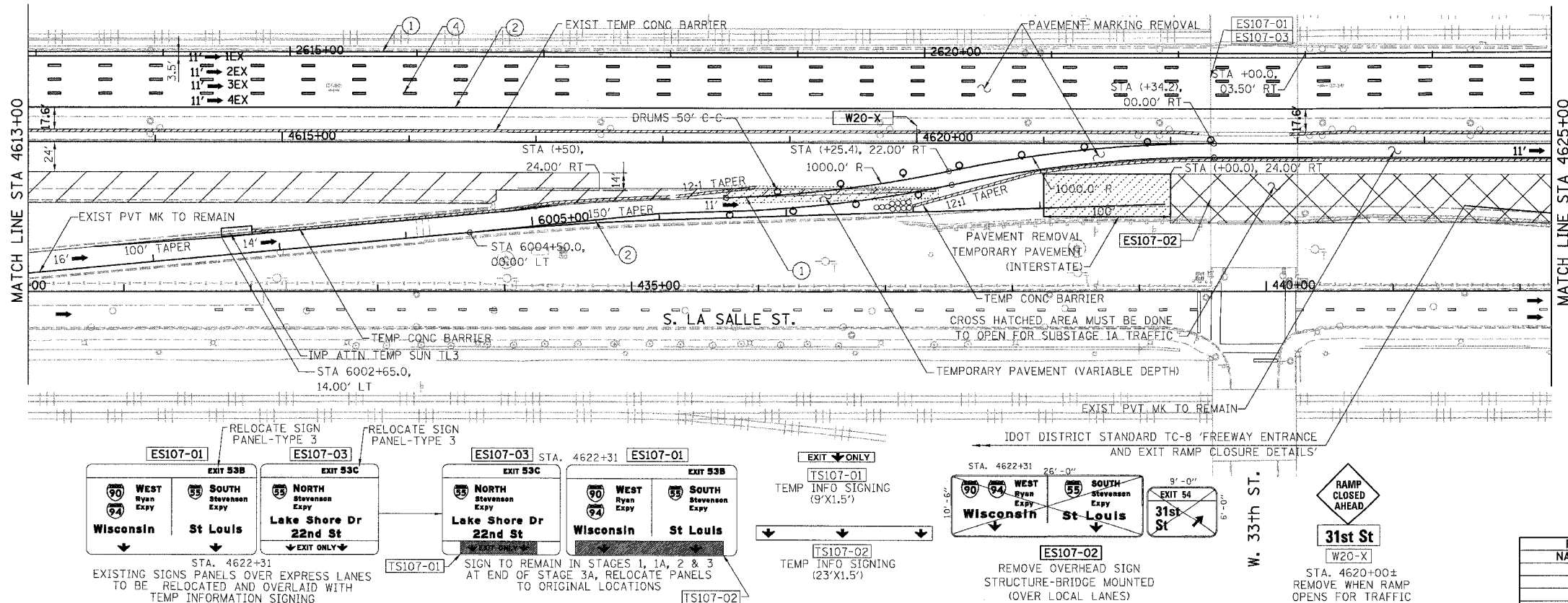
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	89
STA.		TO STA.		
62301		* (2021-922 PT2 ETC 2324.6-1P) R-10		



LEGEND:

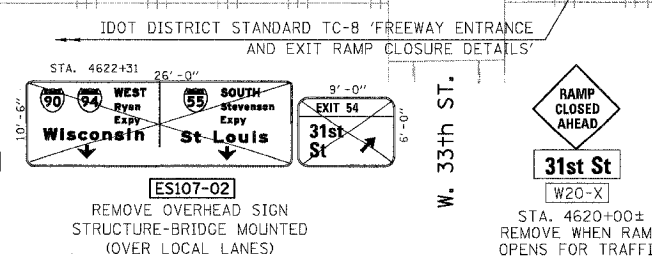
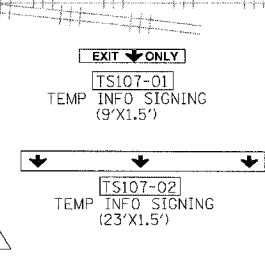
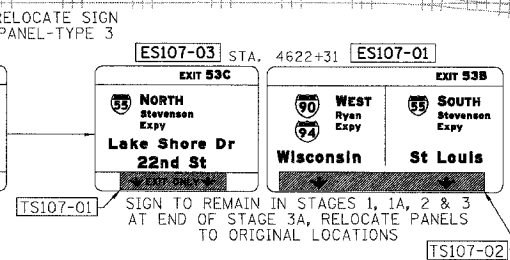
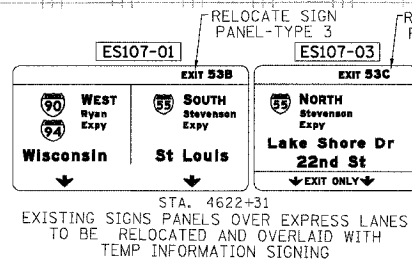
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ∞-∞-∞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
- ⊥ BARRICADE TYPE III
- ▨ TEMPORARY CONCRETE BARRIER
- ① LINE 4" (YELLOW EDGE)
- ② LINE 4" (WHITE EDGE)
- ③ LINE 4" (SKIP DASH, 6' SKIP - 2' DASH, WHITE)
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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, WHITE)
- ⑧ LETTERS AND SYMBOLS
- ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
- GS-XXX-XX EXISTING POST MOUNTED SIGNS
- TS-XXX-XX TEMPORARY SIGNS

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



NOTES:

1. SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
2. SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.



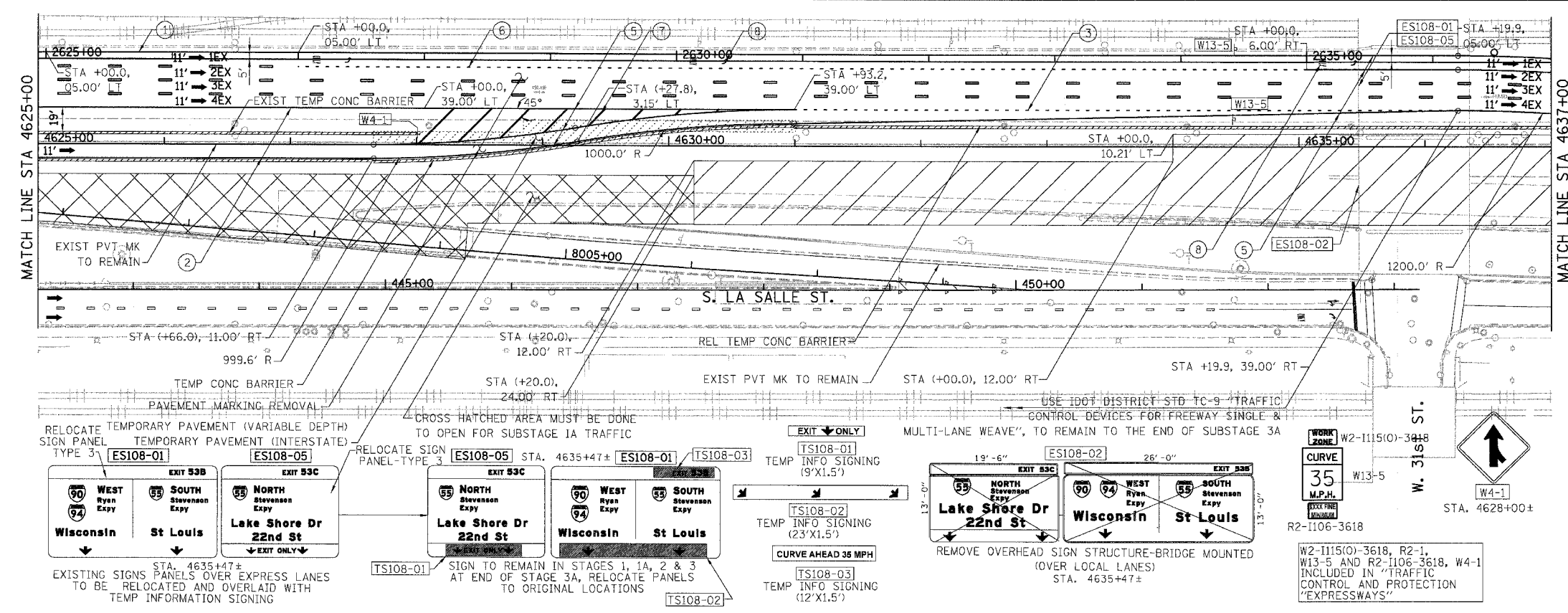
REVISIONS	
NAME	DATE

MOT-107
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 STAGE I
 SCALE: 1"=50'
 DATE: 06/09/06
 DRAWN BY: RA
 CHECKED BY: RS

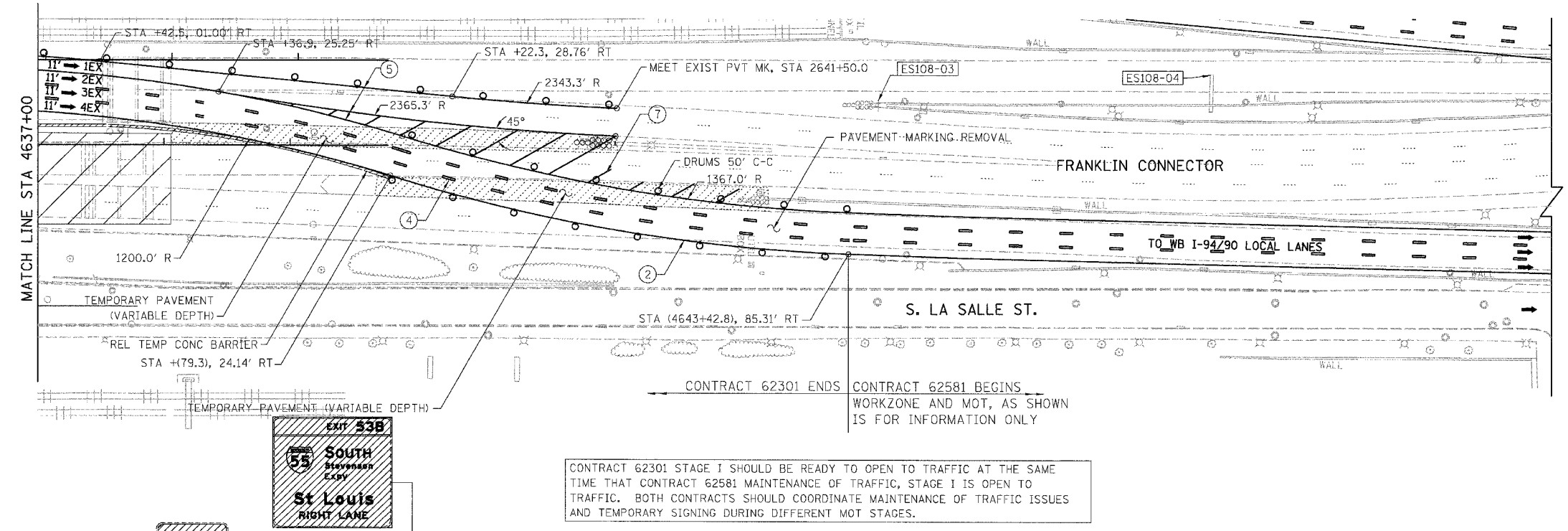
BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE I TO REMAIN TO END OF SUBSTAGE 3A, UNLESS OTHERWISE SPECIFIED IN NEXT STAGE OR SUBSTAGE.

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	90
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	*(2021-922 PT2 ETC 2324.6-1P) R-10			



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ∞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ▬ BARRICADE TYPE III
 - ▬ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - 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, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
 - +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 - (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

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EXIT 53B
South Stevenson Expy
St Louis
RIGHT LANE

ES108-04
COVER SIGN PANEL

EXIT 53C

ES108-03

SPEED LIMIT 45

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE I TO REMAIN TO END OF SUBSTAGE 3A, UNLESS OTHERWISE SPECIFIED IN NEXT STAGE OR SUBSTAGE.

CONTRACT 62301 STAGE I SHOULD BE READY TO OPEN TO TRAFFIC AT THE SAME TIME THAT CONTRACT 62581 MAINTENANCE OF TRAFFIC, STAGE I IS OPEN TO TRAFFIC. BOTH CONTRACTS SHOULD COORDINATE MAINTENANCE OF TRAFFIC ISSUES AND TEMPORARY SIGNING DURING DIFFERENT MOT STAGES.

REVISIONS	
NAME	DATE

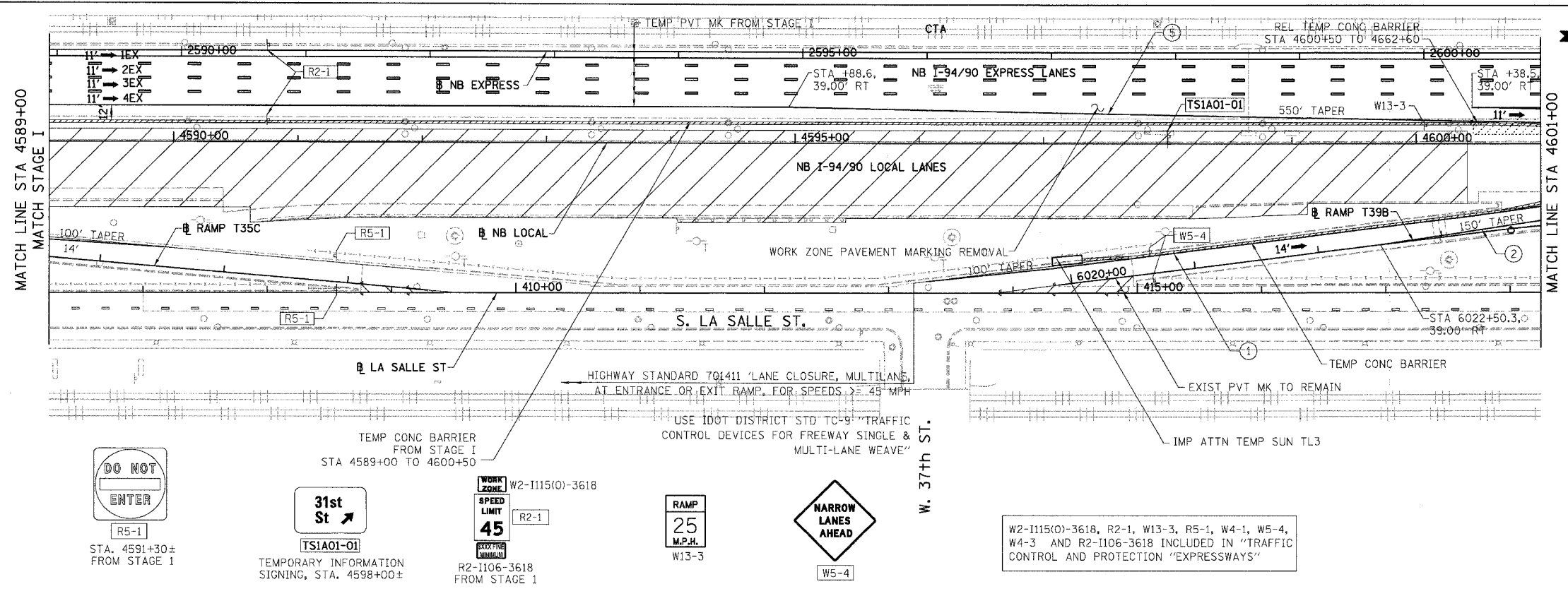
MOT-108

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
STAGE I

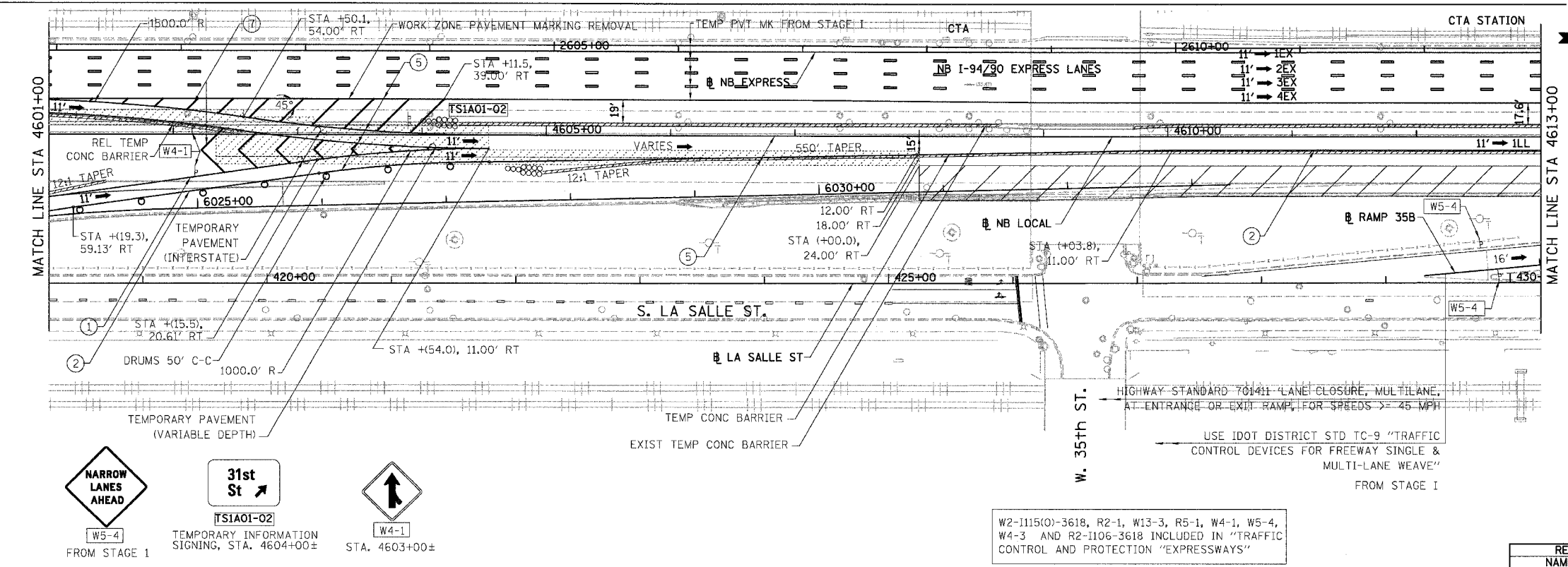
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DATE: 06/09/06

DRAWN BY: RA
CHECKED BY: RS

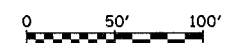
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	91
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62301	*(2021-922 PT2 ETC 2324.6-1P) R-10			



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ∞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊥ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - 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, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
 - +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 - (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.



MOT-1A01

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SUGGESTED STAGES OF CONSTRUCTION
 AND TRAFFIC CONTROL
 SUBSTAGE 1A

SCALE: 1"=50'
 DATE: 06/09/06

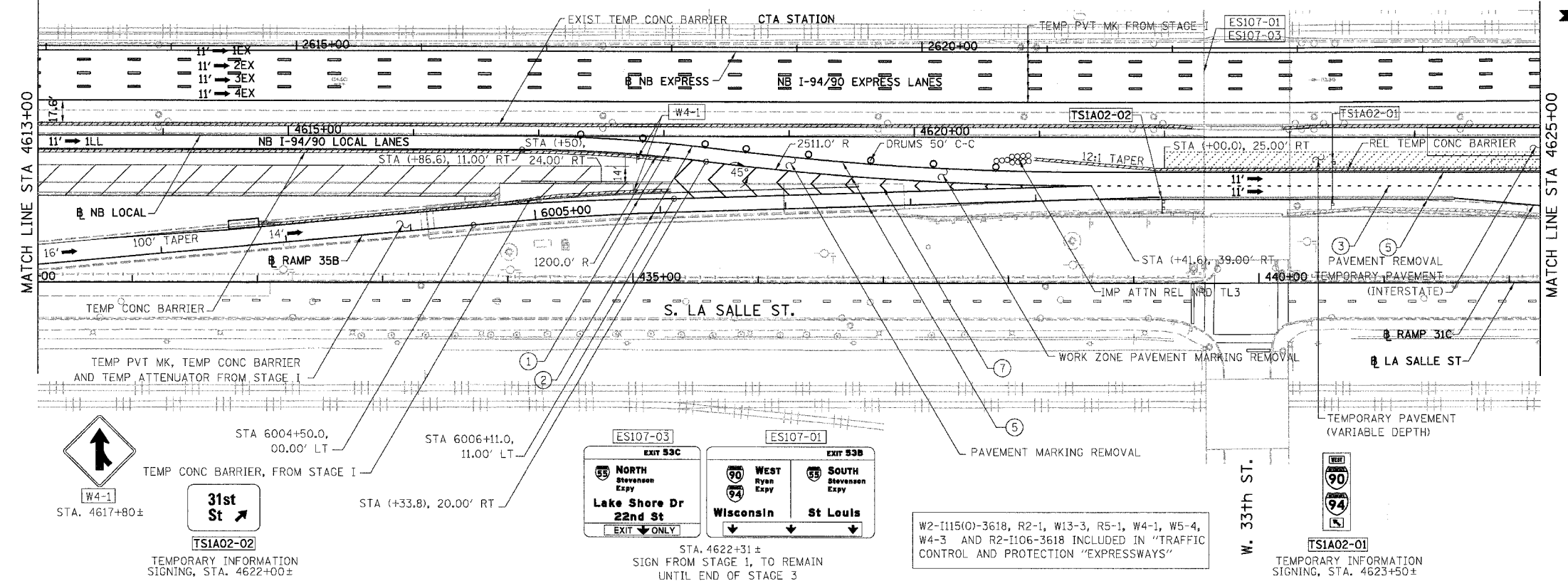
DRAWN BY: RA
 CHECKED BY: RS

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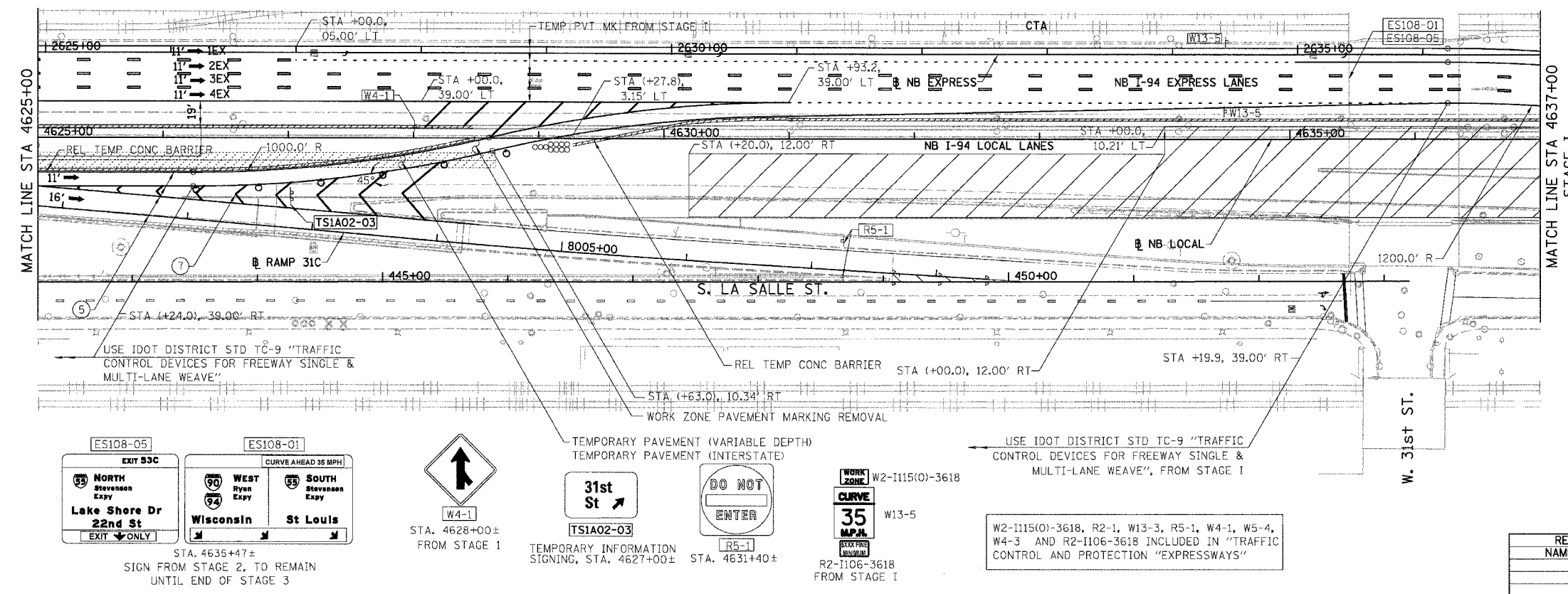
NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGE I, UNLESS OTHERWISE SPECIFIED IN SUBSTAGE 1A.
 CROSS OVER RAMPS TEMPORARY PAVEMENT MARKINGS INSTALLED IN SUBSTAGE 1A TO REMAIN TO NEXT STAGE, UNLESS OTHERWISE SPECIFIED IN STAGE 2.

14660/0400/04/11/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	92
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301	(2021-922 PT2 ETC	2324.6-1P)	R-10	



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ∞ DRUMS 50' C-C
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊥ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - 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, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
 - +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 - (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

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312.228.0100
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NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGE I, UNLESS OTHERWISE SPECIFIED IN SUBSTAGE IA.
CROSS OVER RAMPS TEMPORARY PAVEMENT MARKINGS INSTALLED IN SUBSTAGE IA TO REMAIN TO NEXT STAGE, UNLESS OTHERWISE SPECIFIED IN STAGE 2.

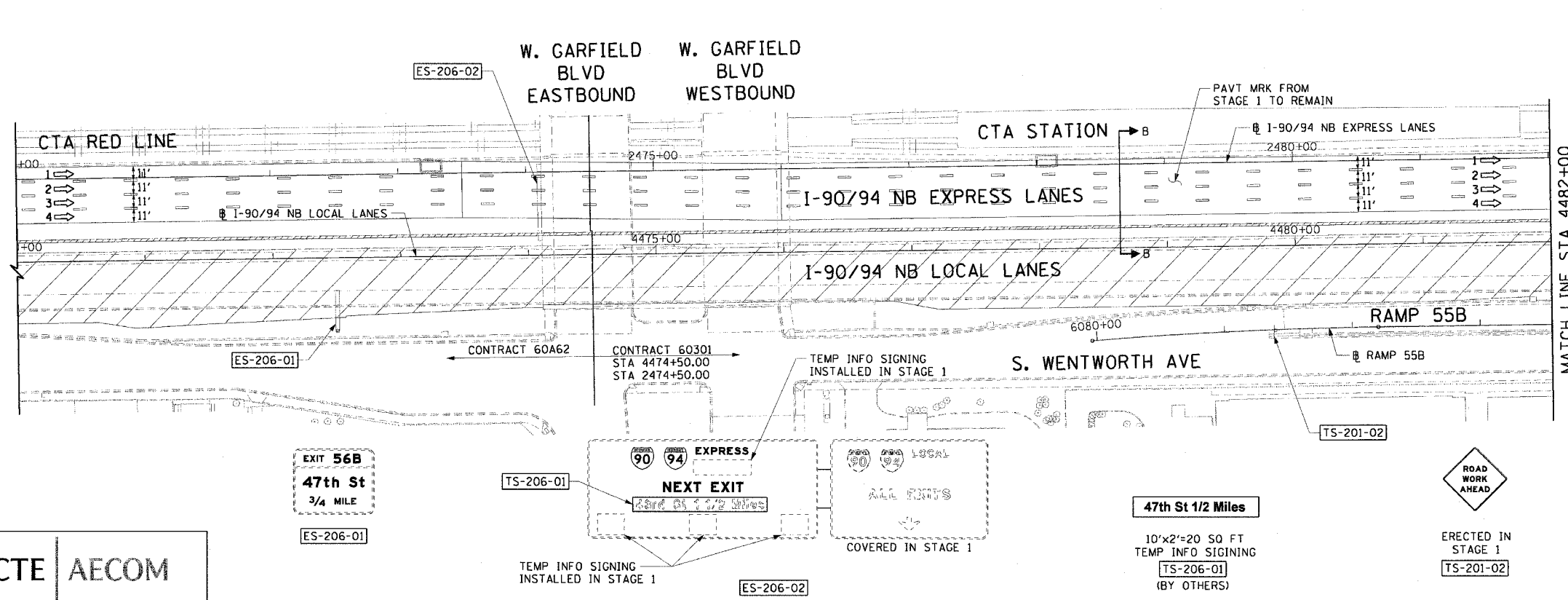
REVISIONS	
NAME	DATE

MOT-IA02
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
SUBSTAGE IA
SCALE: 1"=50'
DATE: 06/09/06
DRAWN BY: RA
CHECKED BY: RS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	565	93
STA. 4474+50		TO STA. 4482+00		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		

LEGEND:

- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
- WORK AREA
- TEMPORARY PAVEMENT
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
- BARRICADE TYPE III
- TEMPORARY CONCRETE BARRIER
- ① LINE 4" (YELLOW EDGE)
- ② LINE 4" (WHITE EDGE)
- 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, WHITE)
- ⑧ LETTERS AND SYMBOLS
- EXISTING OVERHEAD OR CANTILEVER SIGNS
- EXISTING POST MOUNTED SIGNS
- TEMPORARY SIGNS
- +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
- (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.



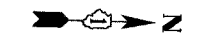
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES) SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 2
NAME	DATE	
		SCALE: 1"=50' DATE: June 9, 2006

DRAWN BY: PJP
CHECKED BY: RMG

CTE | AECOM

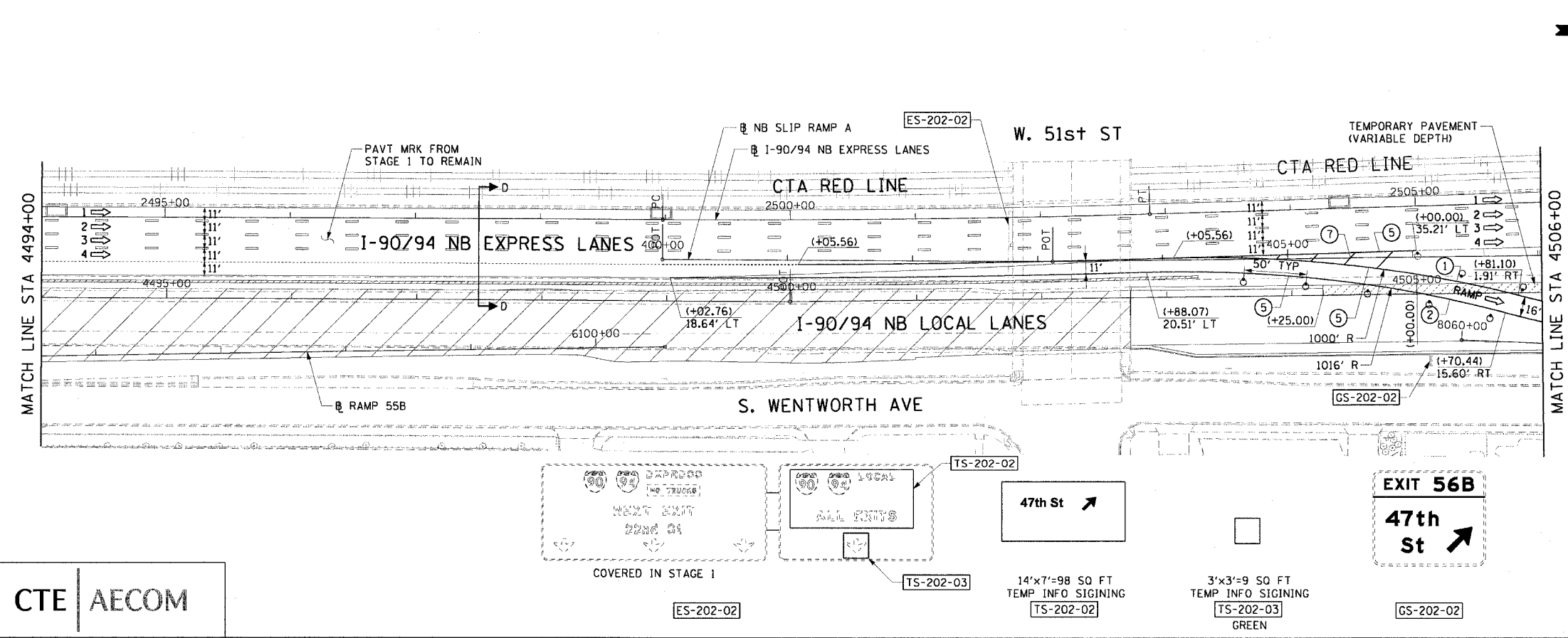
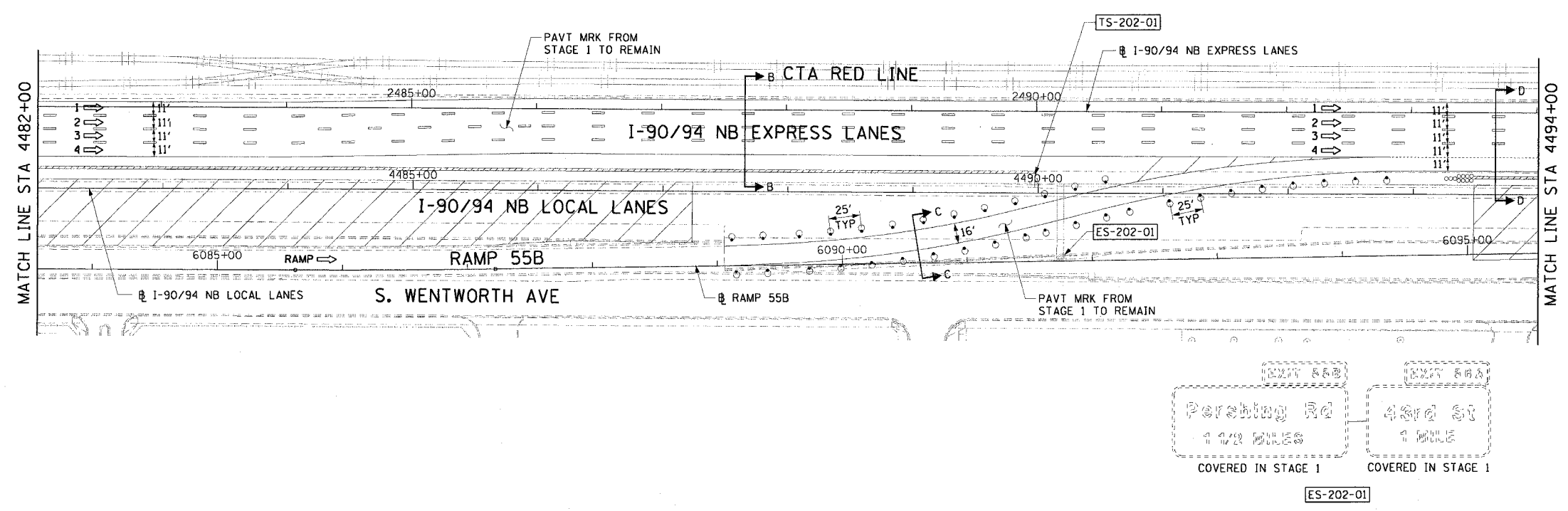
6/7/2006 1:54:46 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	-	COOK	565	94
STA. 4482+00 TO STA. 4506+00				
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		
62301		• (2021-922 PT2 ETC 2324.6-1P) R-10		



LEGEND:

- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
- [Hatched Box] WORK AREA
- [Diagonal Lines] TEMPORARY PAVEMENT
- [Dashed Line] IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
- [T Symbol] BARRICADE TYPE III
- [T Symbol] TEMPORARY CONCRETE BARRIER
- ① LINE 4" (YELLOW EDGE)
- ② LINE 4" (WHITE EDGE)
- 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, WHITE)
- ⑧ LETTERS AND SYMBOLS
- [ES-XXX-XX] EXISTING OVERHEAD OR CANTILEVER SIGNS
- [GS-XXX-XX] EXISTING POST MOUNTED SIGNS
- [TS-XXX-XX] TEMPORARY SIGNS
- +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
- (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

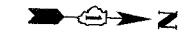
CTE | AECOM

REVISIONS	
NAME	DATE

MOT-202
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 STAGE 2
 SCALE: 1"=50'
 DATE: June 9, 2006
 DRAWN BY: PHP
 CHECKED BY: RMG

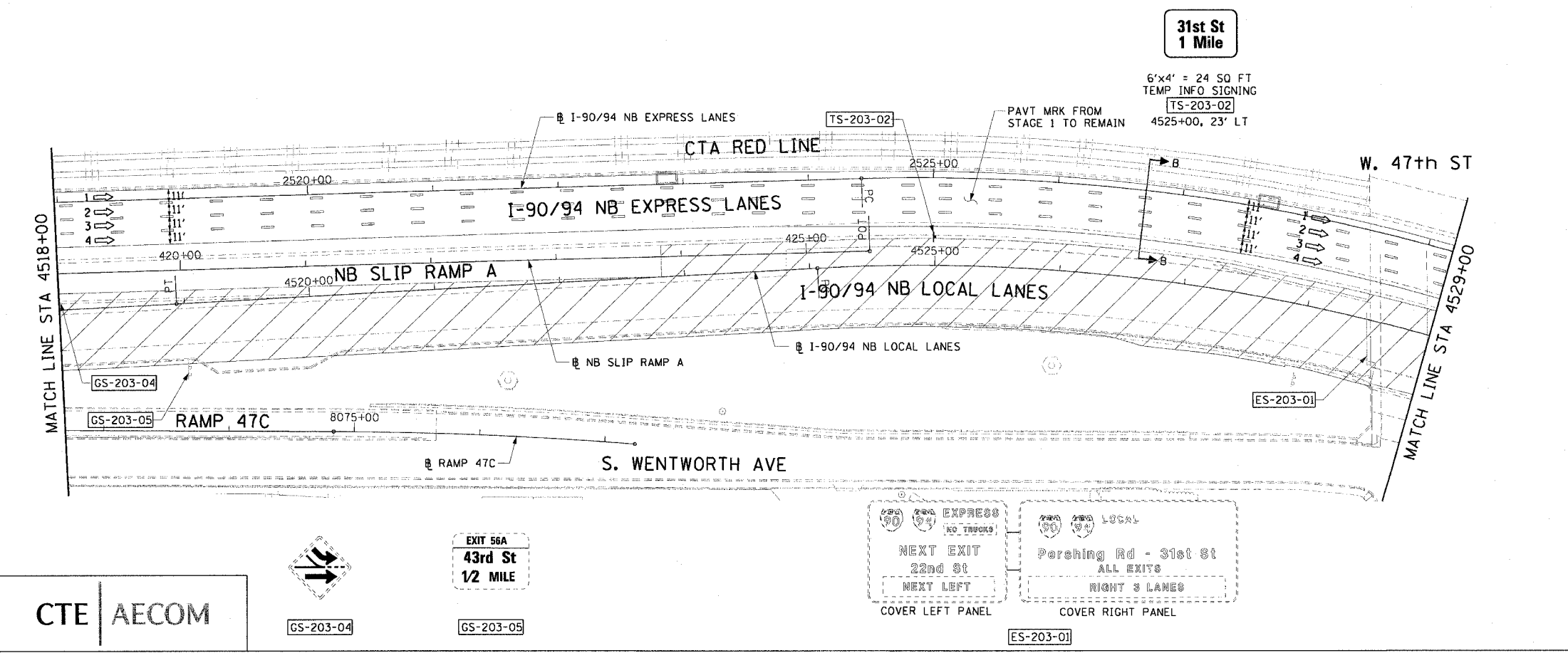
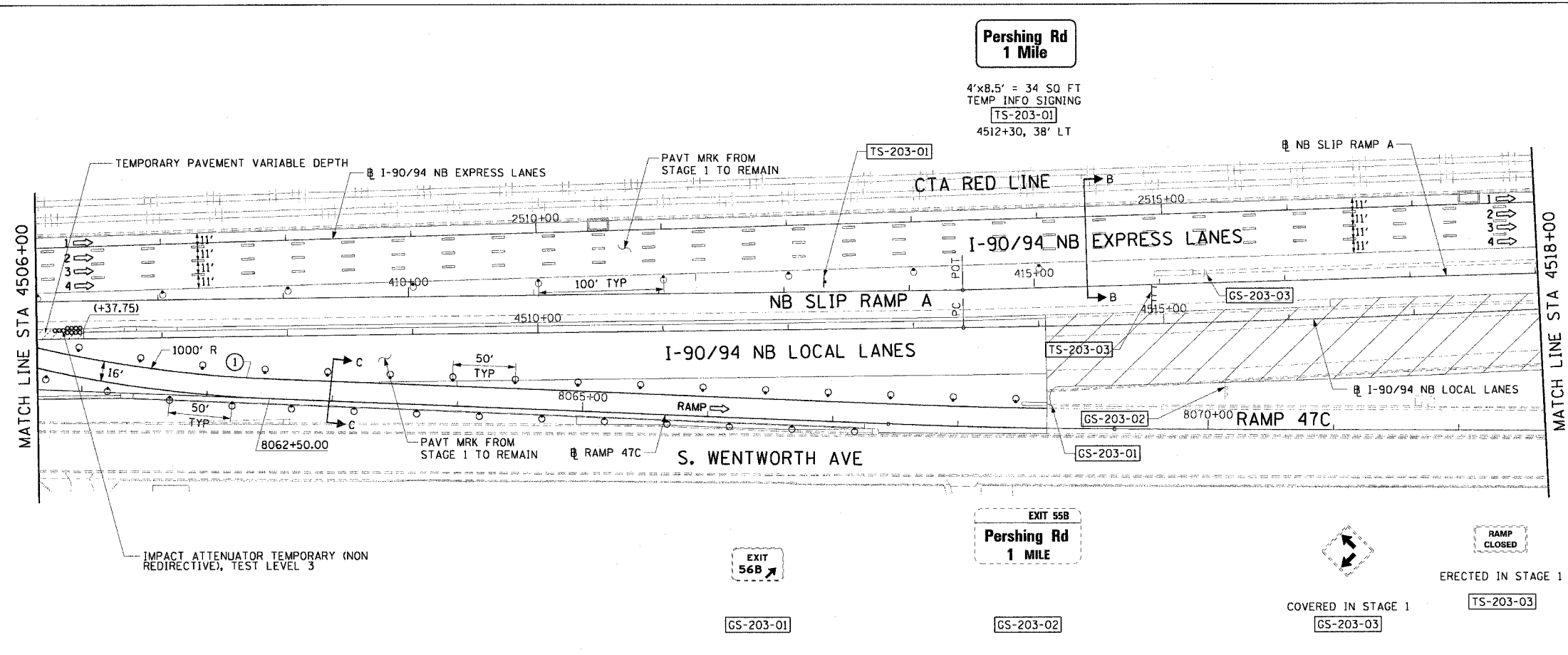
6/7/2006 15:48 PM
 I:\projects\9094\mots\stage2\mots_02.dwg

F.A.I. RYE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	565	95
STA. 4506+00		TO STA. 4529+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
62301		(2021-922 PT2 ETC 2324.6-1P) R-10		

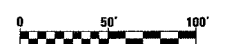


LEGEND:

- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
- [Hatched Box] WORK AREA
- [Dashed Box] TEMPORARY PAVEMENT
- [Wavy Line] IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
- [T Symbol] BARRICADE TYPE III
- [Double Line] TEMPORARY CONCRETE BARRIER
- ① LINE 4" (YELLOW EDGE)
- ② LINE 4" (WHITE EDGE)
- 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, WHITE)
- ⑧ LETTERS AND SYMBOLS
- [ES-XXX-XX] EXISTING OVERHEAD OR CANTILEVER SIGNS
- [GS-XXX-XX] EXISTING POST MOUNTED SIGNS
- [TS-XXX-XX] TEMPORARY SIGNS
- +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
- (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.



MOT-203

REVISIONS	
NAME	DATE

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

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 STAGE 2

SCALE: 1"=50'
 DATE: June 9, 2006

DRAWN BY: PHP
 CHECKED BY: RMG

CTE | AECOM



EXIT 56A
 43rd St
 1/2 MILE

90 94 EXPRESS
NO TRUCKS

NEXT EXIT
22nd St

NEXT LEFT

COVER LEFT PANEL

90 94 LOCAL

Pershing Rd - 31st St

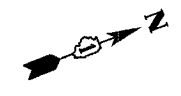
ALL EXITS

RIGHT 3 LANES

COVER RIGHT PANEL

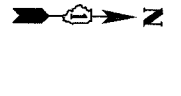
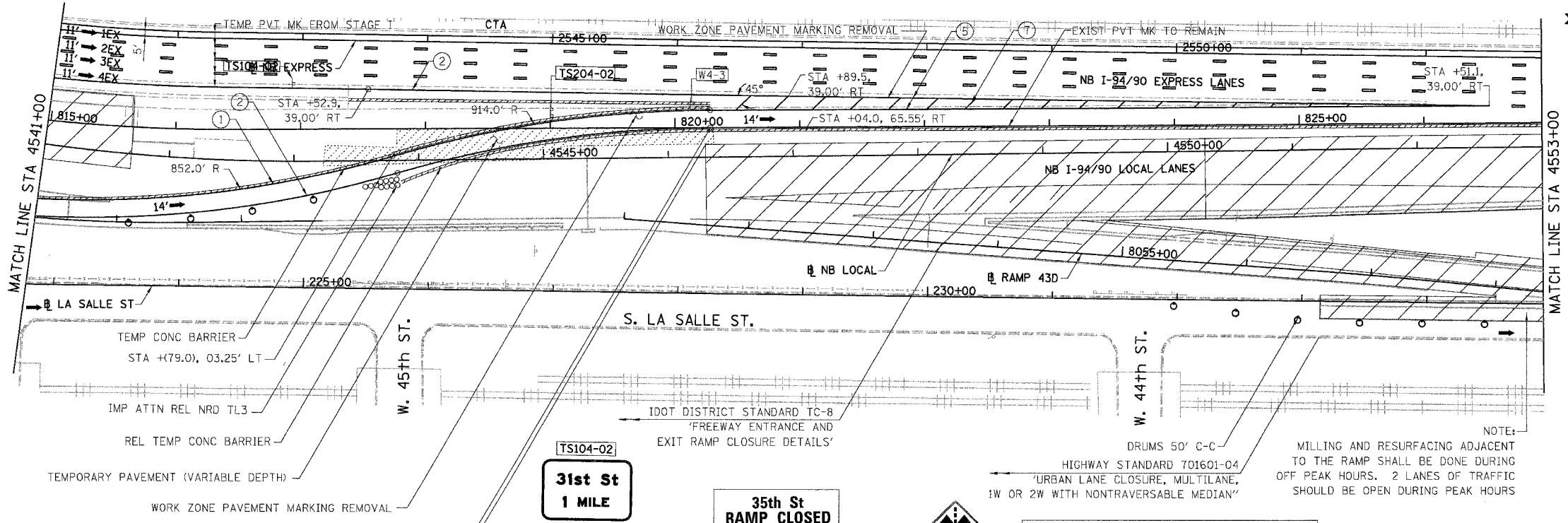
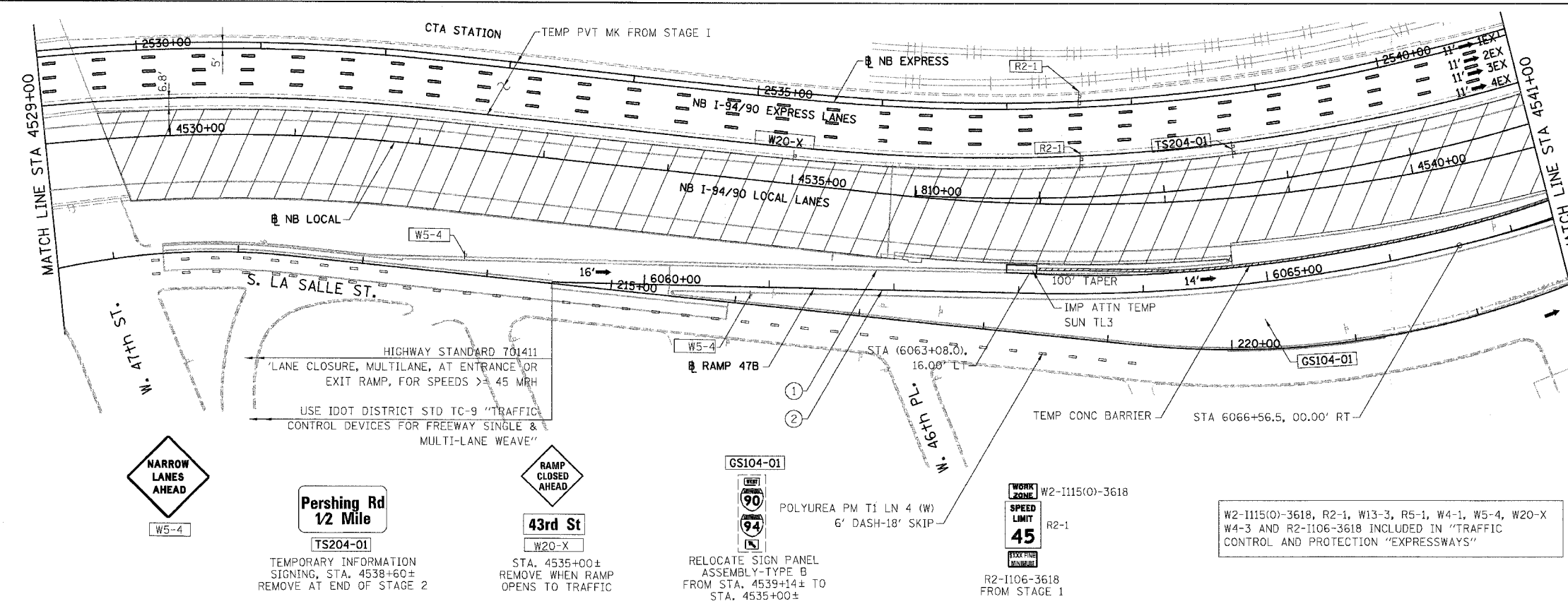
6/23/2006 10:03:04 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	96
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
62301 *I2021-922 PT2 ETC 2324.6-1P1 R-10				



LEGEND:

- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT
- ⊘ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ⊙ DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
- ⊞ BARRICADE TYPE III
- ▨ TEMPORARY CONCRETE BARRIER
- ① LINE 4" (YELLOW EDGE)
- ② LINE 4" (WHITE EDGE)
- 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, WHITE)
- ⑧ LETTERS AND SYMBOLS
- ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
- GS-XXX-XX EXISTING POST MOUNTED SIGNS
- TS-XXX-XX TEMPORARY SIGNS
- +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
- (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

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CONSULTING ENGINEERS
Chicago, Illinois
312.228.9100
www.bbainc.com

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGE 1 AND SUBSTAGE IA, UNLESS OTHERWISE SPECIFIED IN STAGE 2
CROSS OVER RAMP TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE 2 TO REMAIN TO NEXT STAGE, UNLESS OTHERWISE SPECIFIED IN STAGE 3.

REVISIONS	
NAME	DATE

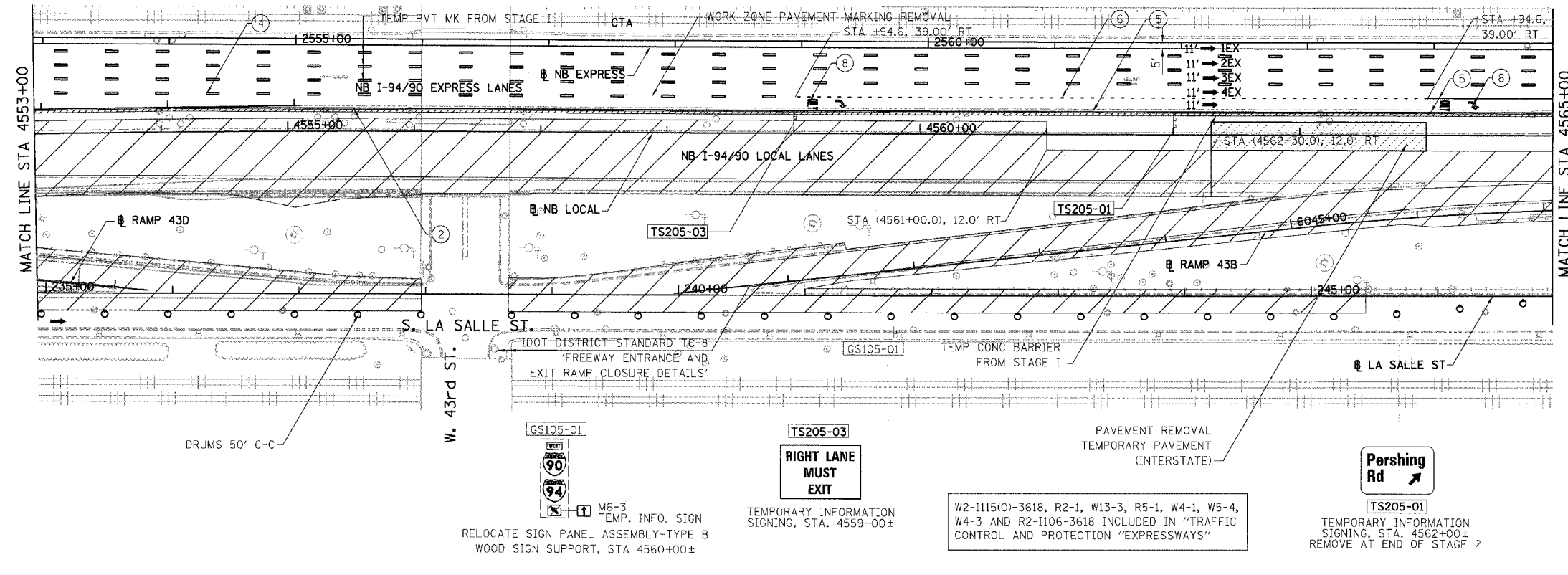
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
STAGE 2

SCALE: 1"=50'
DATE: 06/09/06

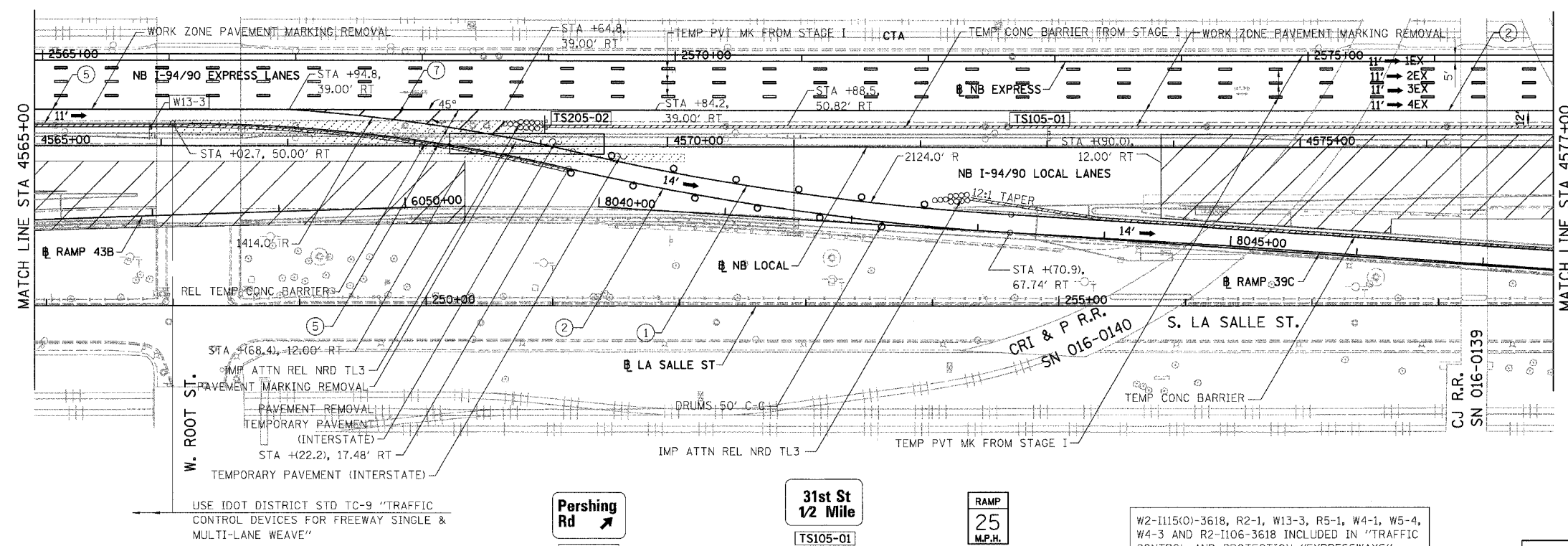
DRAWN BY: RA
CHECKED BY: RS

6/7/2006
 14807.PW
 6/7/2006

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	97
STA.		TO STA.		
62301		2021-922 PT2 ETC 2324.6-1P) R-10		



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ⊘ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - ⊙ DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊚ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - 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, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
- +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.
- 0 50' 100' MOT-205

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 www.bbainc.com

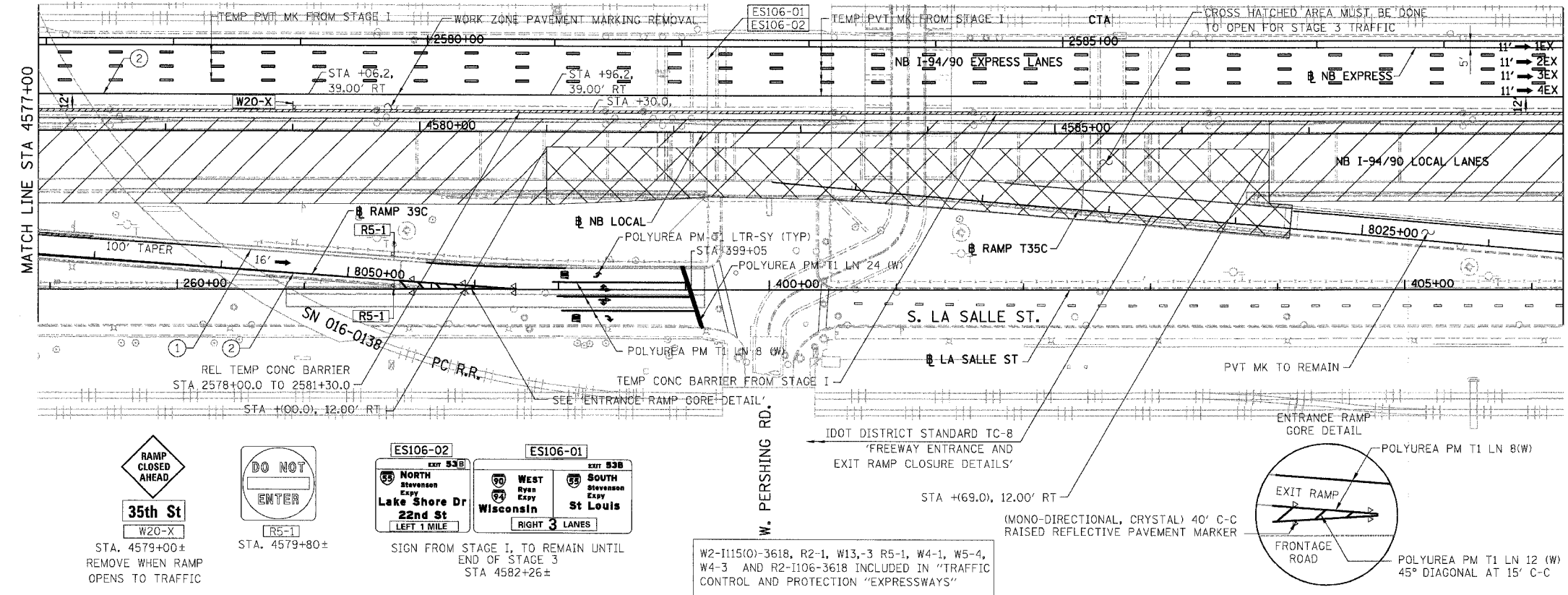
NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGE 1 AND SUBSTAGE IA, UNLESS OTHERWISE SPECIFIED IN STAGE 2
 CROSS OVER RAMPS TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE 2 TO REMAIN TO NEXT STAGE, UNLESS OTHERWISE SPECIFIED IN STAGE 3.

REVISIONS	
NAME	DATE

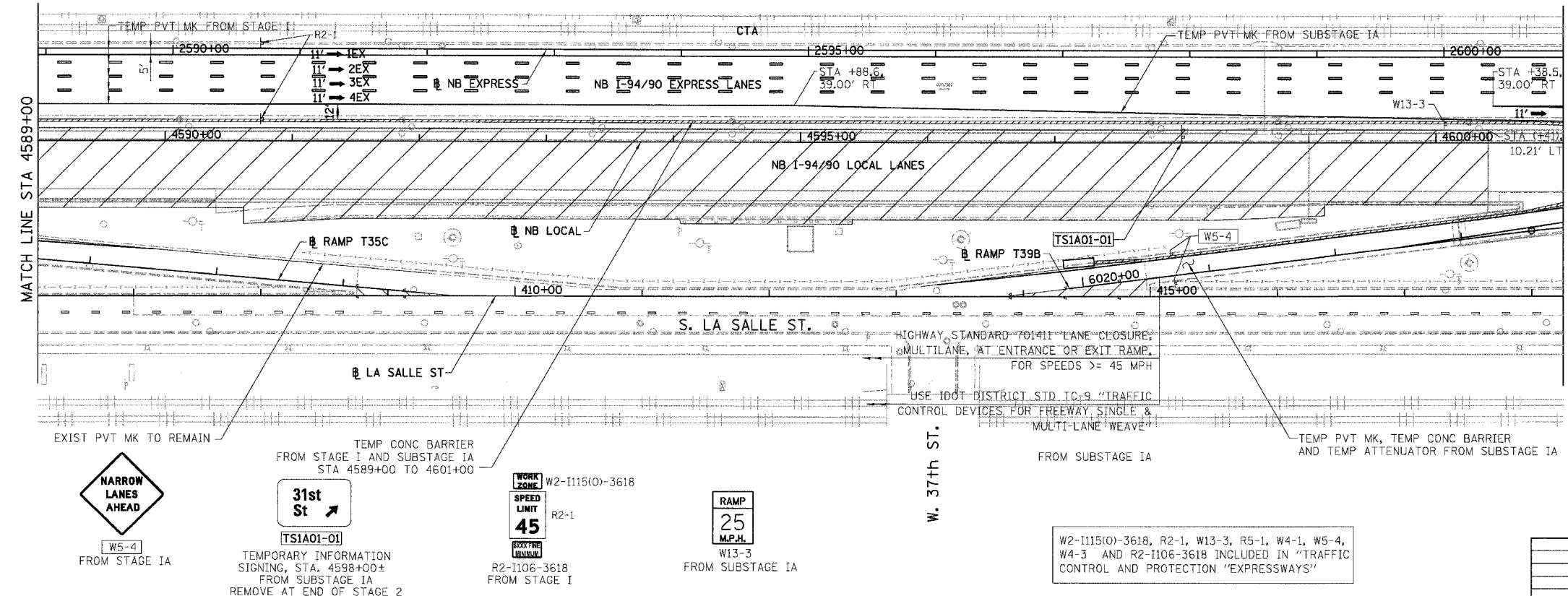
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SUGGESTED STAGES OF CONSTRUCTION
 AND TRAFFIC CONTROL
 STAGE 2

SCALE: 1"=50'
 DATE: 06/09/06
 DRAWN BY: RA
 CHECKED BY: RS

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	98
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62301 (2021-922 PT2 ETC 2324.6-1P) R-10				



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ⊞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊞ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
 - ① LINE 4" (YELLOW EDGE)
 - ② LINE 4" (WHITE EDGE)
 - 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, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - [ES-XXX-XX] EXISTING OVERHEAD OR CANTILEVER SIGNS
 - [GS-XXX-XX] EXISTING POST MOUNTED SIGNS
 - [TS-XXX-XX] TEMPORARY SIGNS
 - +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 - (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

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

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGE 1 AND SUBSTAGE IA, UNLESS OTHERWISE SPECIFIED IN STAGE 2
CROSS OVER RAMPS TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE 2 TO REMAIN TO NEXT STAGE, UNLESS OTHERWISE SPECIFIED IN STAGE 3.

REVISIONS	
NAME	DATE

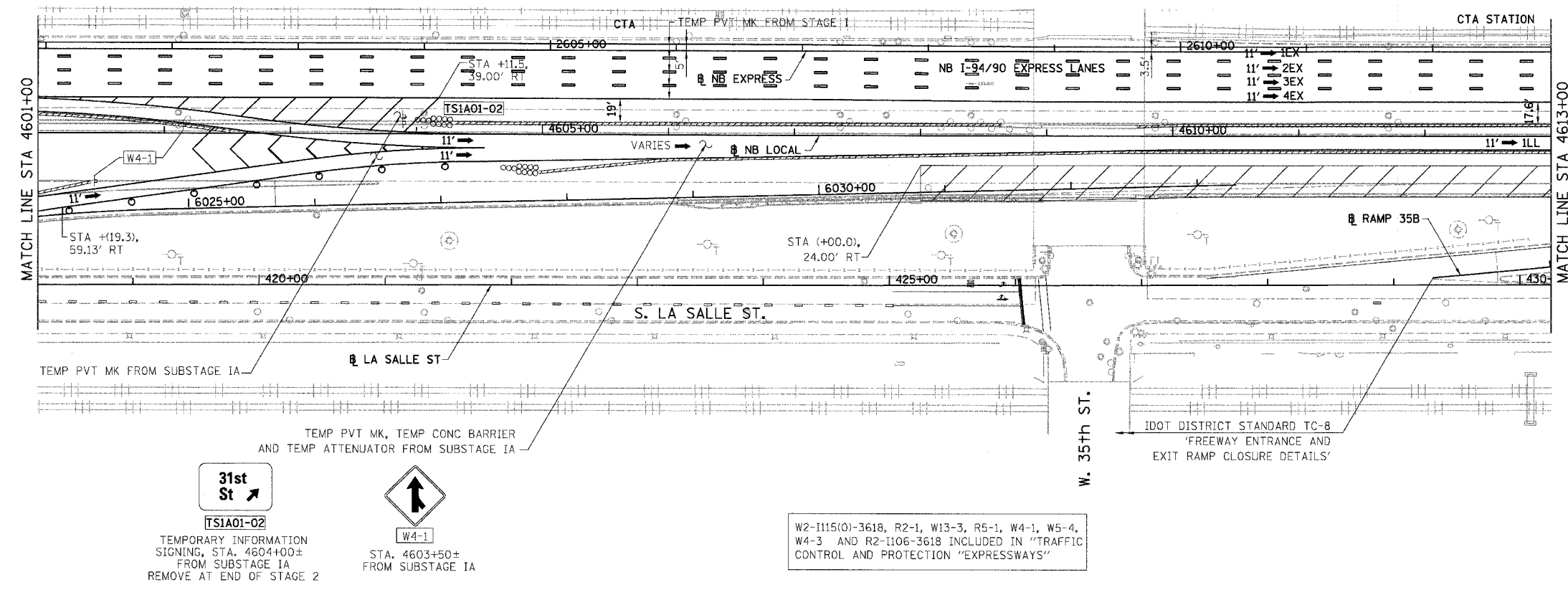
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
STAGE 2

SCALE: 1"=50'
DATE: 06/09/06

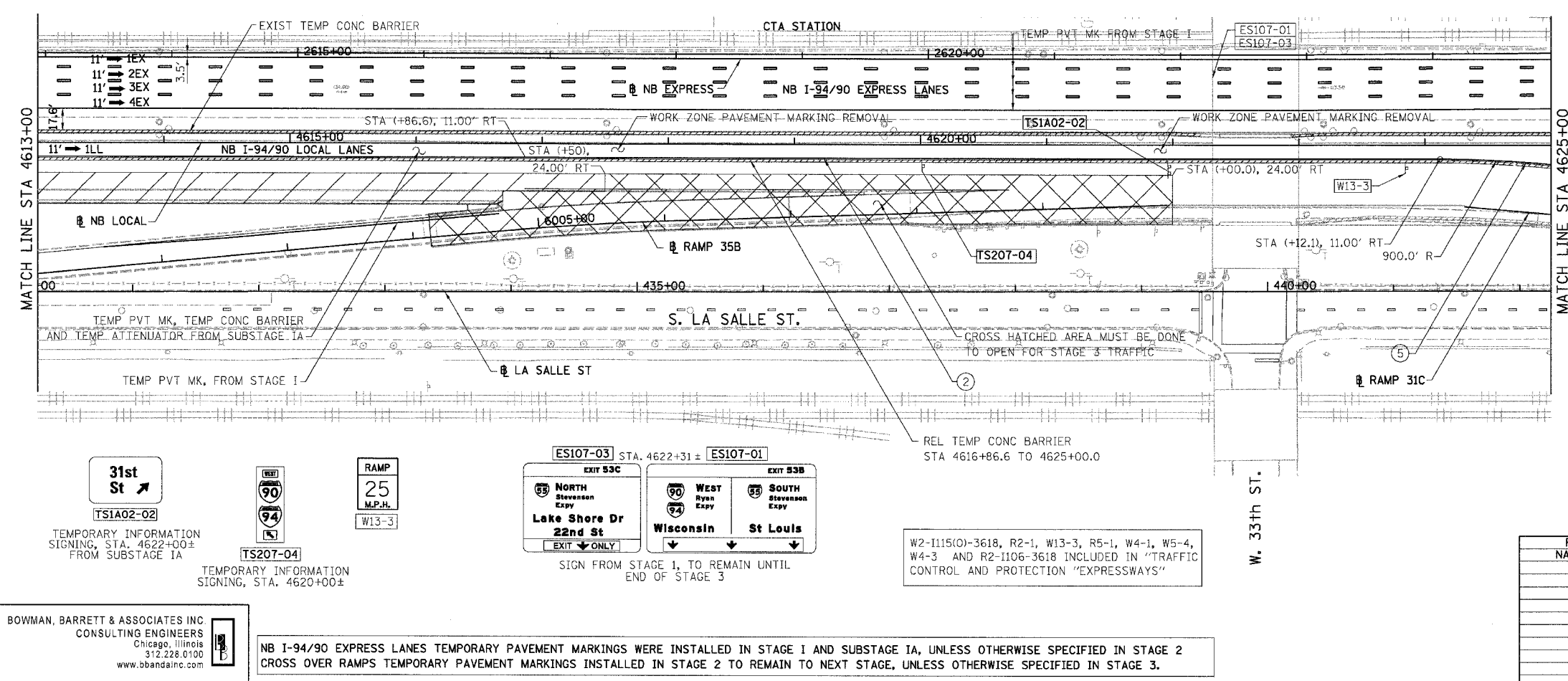
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CHECKED BY: RS

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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	99
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62301 *(2021-922 PT2 ETC 2324.6-1P) R-10				



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - ∞ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ⊥ BARRICADE TYPE III
 - ▨ TEMPORARY CONCRETE BARRIER
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 - ② LINE 4" (WHITE EDGE)
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 - ⑥ LINE 8" (SKIP DASH, 12' SKIP - 3' DASH, WHITE)
 - ⑦ LINE 12" (DIAGONAL, 30' C-C, WHITE)
 - ⑧ LETTERS AND SYMBOLS
 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
- +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



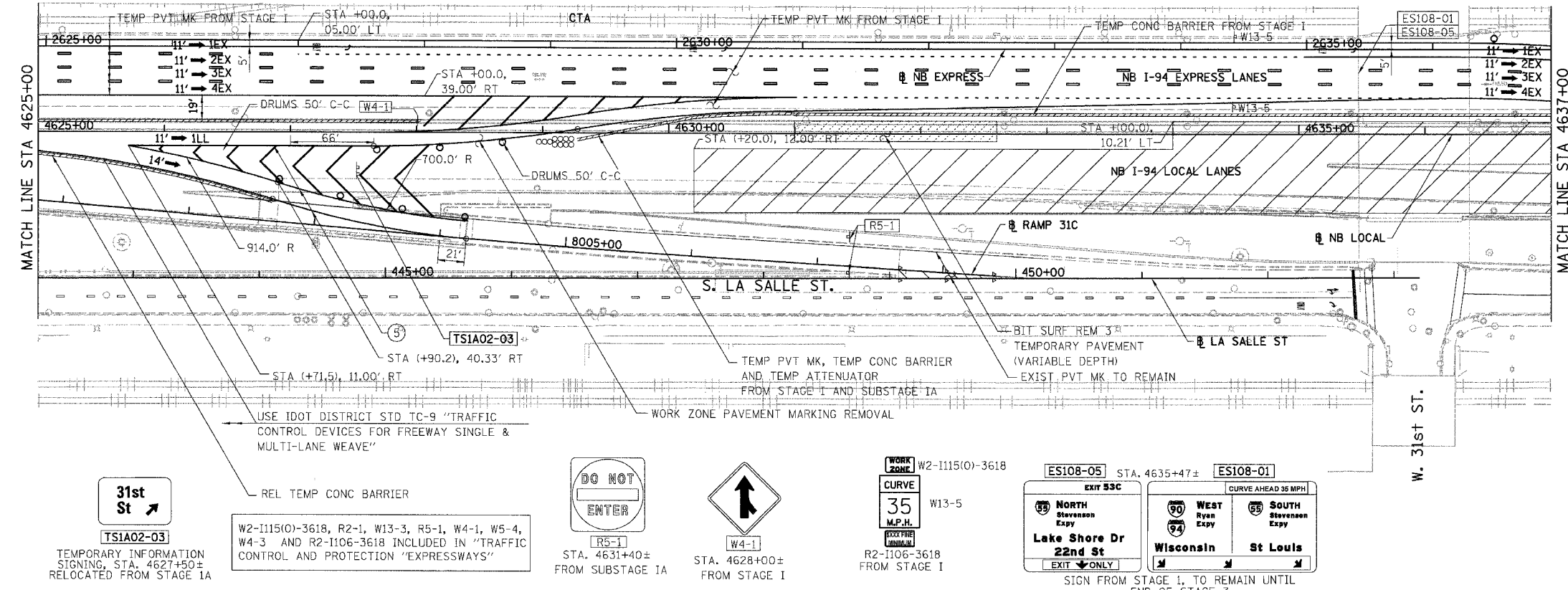
- NOTES:**
- SEE SHEET MOTTS-01 FOR TYPICAL SECTIONS.
 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.
- REVISIONS**
- | NAME | DATE |
|------|------|
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- ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SUGGESTED STAGES OF CONSTRUCTION
 AND TRAFFIC CONTROL
 STAGE 2
- SCALE: 1"=50'
 DATE: 06/09/06
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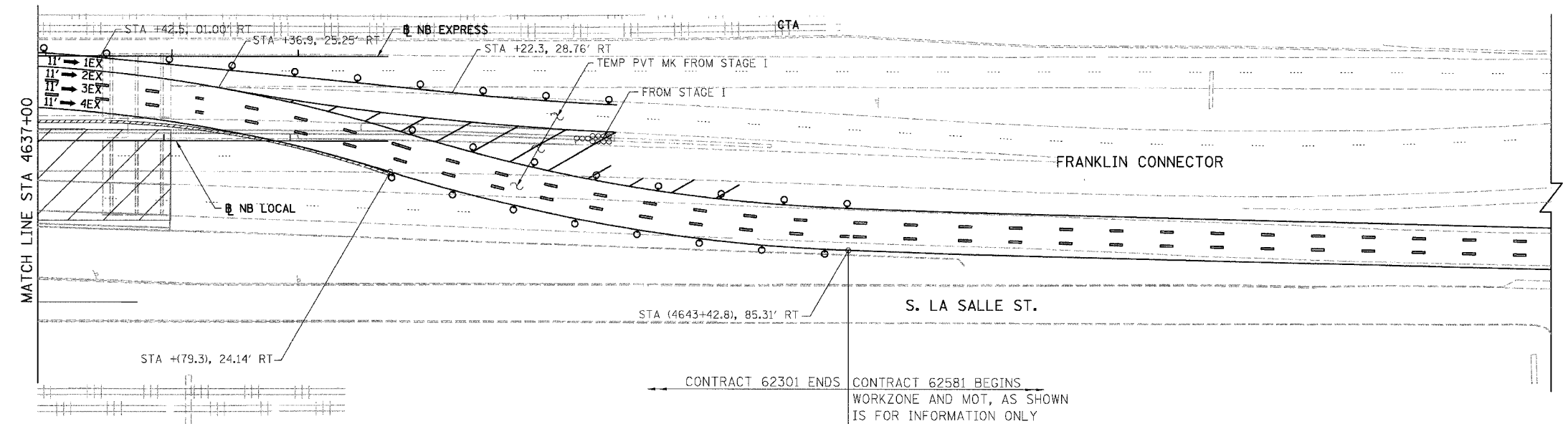
NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGE 1 AND SUBSTAGE IA, UNLESS OTHERWISE SPECIFIED IN STAGE 2
 CROSS OVER RAMP'S TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE 2 TO REMAIN TO NEXT STAGE, UNLESS OTHERWISE SPECIFIED IN STAGE 3.

6/7/2006

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	100
STA.		TO STA.		
62301		*(2021-922 PT2 ETC 2324.6-1P) R-10		



- LEGEND:**
- 1 → LANE NUMBER AND DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ▨ TEMPORARY PAVEMENT
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DRUM OR BARRICADE TYPE II WITH STEADY BURNING LIGHT
 - ▬ BARRICADE TYPE III
 - ▬ TEMPORARY CONCRETE BARRIER
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 - ES-XXX-XX EXISTING OVERHEAD OR CANTILEVER SIGNS
 - GS-XXX-XX EXISTING POST MOUNTED SIGNS
 - TS-XXX-XX TEMPORARY SIGNS
- +XX.XX STATION PROVIDED FROM THE ± SB I-90/94 EXPRESS LANES
 (+XX.XX) STATION PROVIDED FROM THE ± SB I-90/94 LOCAL LANES



- NOTES:**
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 - SEE TEMPORARY SIGN PANEL SHEETS FOR DETAILS.

CONTRACT 62301 STAGE I SHOULD BE READY TO OPEN TO TRAFFIC AT THE SAME TIME THAT CONTRACT 62581 MAINTENANCE OF TRAFFIC, STAGE I IS OPEN TO TRAFFIC. BOTH CONTRACTS SHOULD COORDINATE MAINTENANCE OF TRAFFIC ISSUES AND TEMPORARY SIGNING DURING DIFFERENT MOT STAGES.

NB I-94/90 EXPRESS LANES TEMPORARY PAVEMENT MARKINGS WERE INSTALLED IN STAGE I AND SUBSTAGE IA, UNLESS OTHERWISE SPECIFIED IN STAGE 2
 CROSS OVER RAMPS TEMPORARY PAVEMENT MARKINGS INSTALLED IN STAGE 2 TO REMAIN TO NEXT STAGE, UNLESS OTHERWISE SPECIFIED IN STAGE 3.

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REVISIONS	
NAME	DATE

0 50' 100'

MOT-208

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 SUGGESTED STAGES OF CONSTRUCTION
 AND TRAFFIC CONTROL
 STAGE 2

SCALE: 1"=50'
 DATE: 06/09/06
 DRAWN BY: RA
 CHECKED BY: RS

6/7/2006
 14880.PW
 I:\660\2021\94\90\STAGE I\94-90-100.DWG