

FOR INDEX OF SHEETS, SEE SHEET NO. 2

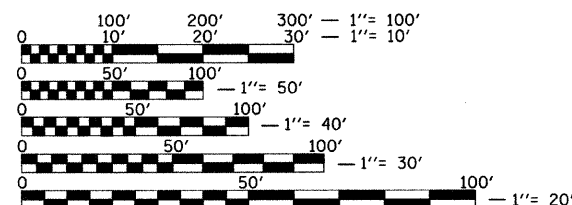
PROJECT IS LOCATED IN
THE CITY OF CHICAGO

TRAFFIC DATA

I 90 / 94: 261,200 VEHICLES (1998 ADT)

POSTED SPEED LIMITS

I 90 / 94 45 MPH



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.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
C.U.A.N. (312) 744-7000

CONTRACT NO. 62408

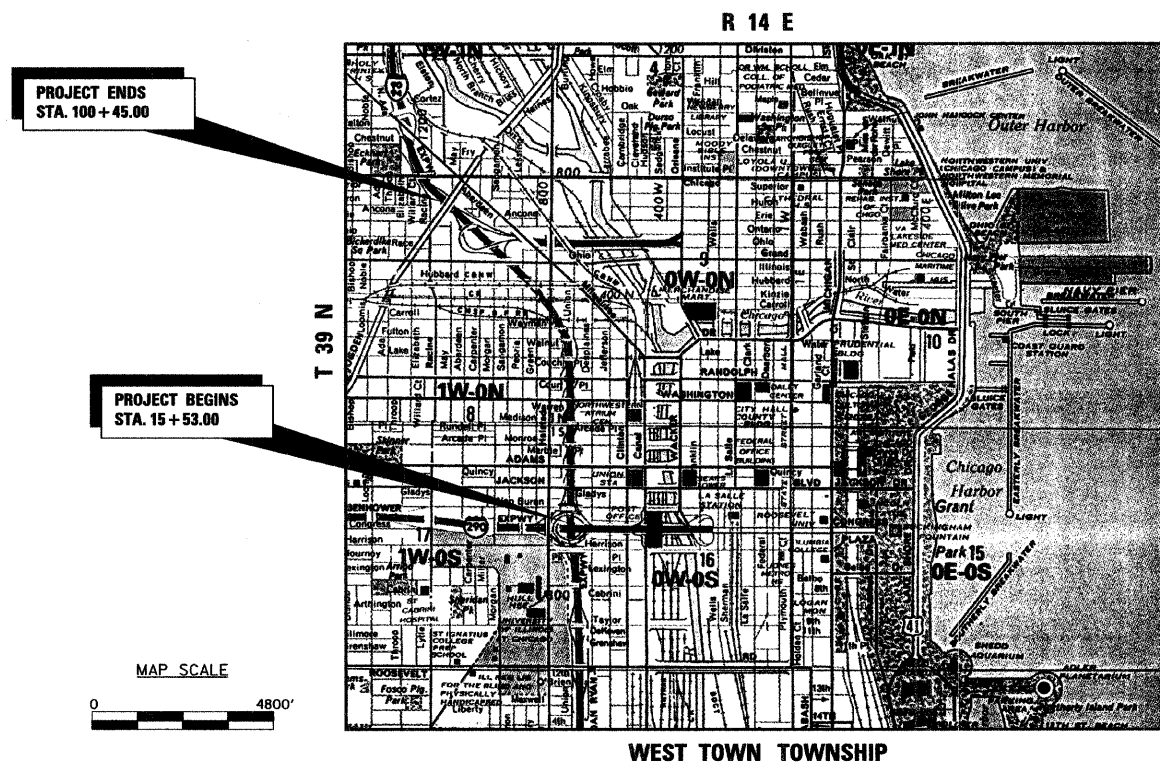
COUNTY: COOK

SECTION: (0202.6-2P,ETC,1415,&1517)R-7

F.A.I. ROUTE: 90 / 94

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

F.A.I. 90 / 94 (INTERSTATE 90 / 94)
SECTION: (0202.6-2P,ETC,1415,&1517)R-7
HUBBARDS CAVE TO INTERSTATE 290
RAMP EXTENSIONS AND RETAINING WALLS
PROJECT: ESP-000S(659)
COOK COUNTY
C-91-091-02

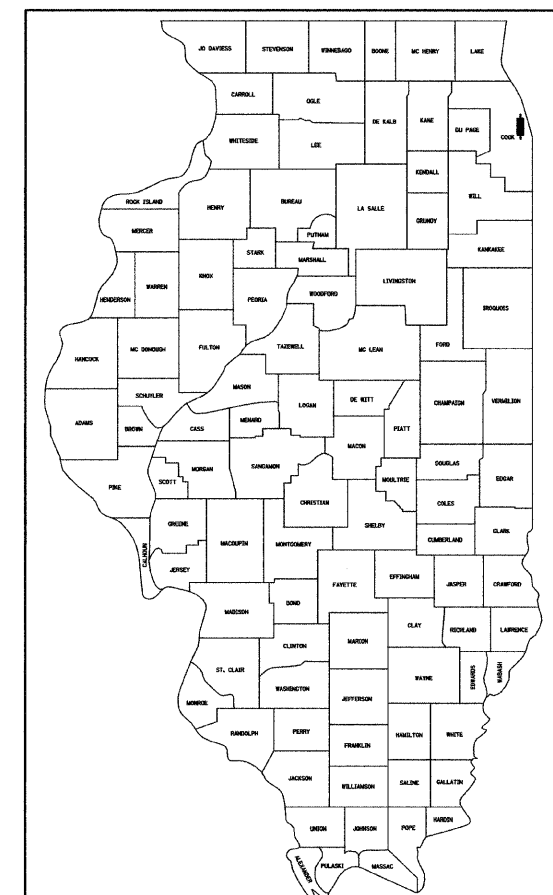


GROSS LENGTH PROJECT = 8492 FEET = 1.61 MILES
NET LENGTH PROJECT = 8492 FEET = 1.61 MILES

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(0202.6-2P,ETC,1415,&1517)R-7	COOK	246	1
F.A.I. REG.	ILLINOIS	PROJECT		

CONTRACT NO. 62408

D-91-301-97



LOCATION OF SECTION INDICATED THUS: -

ROADWAY & STRUCTURES DESIGNED BY

BDLZ

85 WEST ALGONQUIN ROAD, SUITE 200 - ARLINGTON HEIGHTS, IL 60005
PHONE: (847) 640-0840 - FAX: (847) 640-0856Gregory R. Brumm
SIGNATURE11/30/2009
EXPIRESPeter B. Dombrowski
SIGNATURE11-30-2010
EXPIRESSTATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED FEBRUARY 3, 2009

Diane M. O'Keefe
DISTRICT ENGINEER

20

ENGINEER OF PROJECT DEVELOPMENT AND IMPLEMENTATION

March 27, 2009

Charles J. Ingensoll
ENGINEER OF DESIGN AND ENVIRONMENT

March 27, 2009

Christine M. Reed
DIRECTOR, DIVISION OF HIGHWAYSPRINTED BY AUTHORITY OF THE
STATE OF ILLINOIS

SHEET

DATE

TIME

SHEET NO.	DESCRIPTION
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1	COVER SHEET
2	GEN NOTES/INDEX OF SHTS/STATE STDS
3-8	SUMMARY OF QUANTITIES
9-11	SCHEDULE OF QUANTITIES (5)
12-13	TYPICAL SECTIONS (2)
14	ALIGNMENT & TIES
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18-20	PROPOSED PLANS
21	PROPOSED PROFILES
22	MISCELLANEOUS DETAILS
23-24	CONCRETE BARRIER DETAILS
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48-50	EROSION CONTROL
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228	BUTT JOINT AND HMA TAPER DETAILS (BD32)
229	HMA TAPER AT EDGE OF P.C.C. PAVEMENT (BD33)
230	DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER STABILIZATION AT TBT TY 1 SPL (BD 34)
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235	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE (TC-09)
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238	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)
239	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS (TC-18)
240	TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE SHOULDER LANE (TC-25)
241-246	CROSS SECTIONS

STD. NO.	DESCRIPTION
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000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420401-06	BRIDGE APPROACH PAVEMENT
442201-03	CLASS C AND D PATCHES
601001-03	SUB-SURFACE DRAINS
602001-01	CATCH BASIN, TYPE A
602306-02	INLET TYPE B
602401-02	MANHOLE TYPE A
602406-03	MANHOLE TYPE A 6' (1.8 m) DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604036-02	GRATE TYPE 8
604086-02	FRAME AND GRATE TYPE 23
604091-02	FRAME AND GRATE TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLAND AND MEDIANS
630001-08	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-05	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-07	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
637006-02	CONCRETE BARRIER, DOUBLE FACE, 42 in. (1065 mm) HEIGHT
664001-02	CHAIN LINK FENCE
701101-02	OFF-RD. OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701400-03	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-05	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-07	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRI
701411-05	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS $\geq$ 45 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS $\geq$ 45MPH
701446-01	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
704001-05	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS

1. ALL ELEVATIONS SHOWN REFER TO U.S.G.S. DATUM UNLESS OTHERWISE NOTED.
 2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR DIGGER (CHICAGO AREA) AT 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
 3. 3 METER (10 FEET) TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB & GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS & 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.
 4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO.
 5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
 6. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
 7. 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 RESIDENTIAL AREAS.
 8. ALL STORM SEWER CONNECTIONS WITH PIPES 675 MM (27 INCHES) DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 675 MM (27 INCHES) DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST "TEE" AND "WYE" PIPE CONNECTIONS FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST FOR THE STORM SEWERS.
 9. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 40 MM (1 1/2 INCHES) WHERE THE SPEED LIMIT IS 80 KM/H (45 MPH) OR LESS AND 25 MM (1 INCH) WHERE THE SPEED LIMIT IS GREATER THAN 80KM/H (45 MPH). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 75 MM (3 INCHES) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
 10. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT). IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
 11. WHERE SECTION, SUBSECTION, SUBDIVISION OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
 12. DURING CONSTRUCTION OPERATIONS WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF THE GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.
 13. THE THICKNESS OF HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
 14. PROTECTIVE COAT SHALL BE APPLIED IN ACCORDANCE WITH ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS TO CONCRETE MEDIAN SURFACES AND BARRIER, APPROACH AND SHOULDER SLABS, ALL EXPOSED SURFACES OF CURBS AND GUTTERS, ANY PART OF THIS ITEM CAN BE DELETED OR ANOTHER ADDED AT THE DISCRETION OF THE ENGINEER.
 15. SAW CUTTING: A SAW CUT SHALL BE REQUIRED TO THE FULL DEPTH AT THE JOINT BETWEEN PAVEMENT, SIDEWALK, CURB AND GUTTER, MEDIAN, DRIVEWAY PAVEMENT, HMA SURFACES TO BE REMOVED AND THAT LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS.
 16. THE CONTRACTOR'S SPECIAL ATTENTION IS REQUIRED TO PRESERVE AS MANY TREES, SHRUBS, AND BUSHES AS POSSIBLE DURING THE CONSTRUCTION OF THE IMPROVEMENT. COST OF REMOVAL OF HEDGES AND BRUSH WHICH ARE NOT LISTED SEPARATELY AS A PAY ITEM IN THE PLANS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE OF EARTH EXCAVATION. PLAN QUANTITIES FOR TREE REMOVAL HAVE BEEN BASED ON REMOVAL OF TREES WITHIN THE CONSTRUCTION LIMITS. THIS QUANTITY MAY BE REDUCED OR INCREASED DURING CONSTRUCTION AT THE DISCRETION OF THE ENGINEER.
 17. THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL BE REQUIRED TO RELOCATE OR TO REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION.
- ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
- A. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK DEMANDS.
 - B. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO HIGHWAY TRAFFIC. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND NEAT FOR THE DURATION OF THE TEMPORARY SETTING.
 - C. ALL PAVEMENT MARKINGS PROPOSED WITHIN A GIVEN WORK AREA SHALL BE COMPLETED PRIOR TO CONSTRUCTION PHASE CHANGE.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 62408

- | | |
|-----|--|
| 18. | A MINIMUM THICKNESS OF 4 INCHES OF TOPSOIL SHALL BE PLACED OVER THE ENTIRE AREA TO BE SODDED OR SEEDED. |
| 19. | WHEREVER CONCRETE MASONRY WALLS, HEADWALLS, OR OTHER OBSTRUCTIONS ARE ENCOUNTERED, THEY SHALL BE REMOVED TO AN ELEVATION OF 1 FOOT BELOW THE ESTABLISHED GRADE OR SUBGRADE AS SHOWN ON THE PLANS. THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION, UNLESS IDENTIFIED IN THE PLANS TO BE PAID FOR AT THE UNIT BID PRICE FOR CONCRETE REMOVAL. |
| 20. | THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION. |
| 21. | THE CONTRACTOR SHALL PROVIDE FOR TEMPORARY DRAINAGE UNTIL THE FINAL SURFACE IS PLACED. COST SHALL BE INCLUDED IN EARTHWORK. |
| 22. | DRAINAGE STRUCTURE GRADES AND LOCATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. |
| 23. | ADDED EXPENSE INVOLVED IN CONNECTING EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR DRAINAGE ITEM INVOLVED. |
| 24. | POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES), AND FABRIC FOR GROUND STABILIZATION HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES AND FABRIC WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES AND FABRIC OR EMBANKMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR. |

LOCATION		MAINLINE	UNDERCUT	PGES	GEO-FABRIC
RAMP	RAMP STA.	STA.	(C. Y.)	(C. Y.)	(C. Y.)
		30+80 - 31+52	10.9	10.9	
		21+00 - 30+68	425.3	425.3	
F	11+50 - 8+00		273.3	273.3	819.8
E		31+52 - 35+00	130.8	68.3	
		20+76 - 33+51	425.9	425.9	
A		32+93 - 35+00	46.3	46.3	
		38+80 - 40+48	38.5	38.5	
F&H	8+00 - 1+00		803.4	803.4	2410.3
E		35+00 - 39+20	303.9	295.3	
O		40+48 - 48+77	413.9	315.3	
		35+57 - 37+70	48.7	48.7	
		44+93 - 47+42	57.0	57.0	
		35+00 - 35+57	15.8	15.8	
A		37+21 - 44+93	390.3	299.3	
B		46+84 - 50+00	168.4	161.4	
L		50+75 - 52+10	18.1	18.1	
Q		50+00 - 54+51	217.4	217.4	
L					
TOTAL			3787.8	3787.8	3230.0

25. UNDERDRAIN SLOPEWALL AND PIPE REMOVAL SHALL BE INCLUDED IN THE COST OF EARTHWORK.
26. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

NONE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
INDEX OF SHEETS
STATE STANDARDS

SCALE : NTS DRAWN BY : BEC
DATE : 02/27/09 CHECKED BY : GB

3-5-09


DLZ

\$FILES\$

\$DATE\$

\$TIME\$

PLAN

SURVEYED
ADJUSTED
RT. OF WAY CHECKED
PAID FILE NAME

DATE

BY

NO.

PROFILE

SURVEYED
ADJUSTED
B.M. NOTED
STRUCTURE NOTATIONS OK'D

DATE

BY

NO.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	CONTRACT NO. 62408

SUMMARY OF QUANTITIES

CODE #	ITEM	UNIT	TOTAL QUANTITY	EASTBOUND MAINLINE ROADWAY 1000	EASTBOUND RAMPS ROADWAY 1000	WESTBOUND MAINLINE ROADWAY 1000	WESTBOUND RAMPS ROADWAY 1000			EASTBOUND RAMP STRUCTURES 1000	WESTBOUND RAMP STRUCTURES 1000			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	47		47									
20101000	TEMPORARY FENCE	FOOT	1322		753		569							
* 20101100	TREE TRUNK PROTECTION	EACH	21		9		12							
20200100	EARTH EXCAVATION	CU YD	11033	1442	7291	1379	921							
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	4737	475	2892	532	838							
20700110	POROUS GRANULAR EMBANKMENT	TON	2447							1142	1305			
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	3788	475	1943	532	838							
20800150	TRENCH BACKFILL	CU YD	619	278	272	66	3							
20900410	SAND BACKFILL	CU YD	991	826	49	68	48							
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3230		3230									
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4950		3318		1632							
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	92		62		30							
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	92		62		30							
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	92		62		30							
NP 25000750	MOWING	ACRE	1		0.7		0.3							
* 25100630	EROSION CONTROL BLANKET	SQ YD	649		649									
* 25200110	SODDING, SALT TOLERANT	SQ YD	4949		3318		1631							
* 25200200	SUPPLEMENTAL WATERING	UNIT	74		50		24							
* 25300600	TRANSPLANTED SALVAGED TREES	EACH	15		15									
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	102		68		34							
28000400	PERIMETER EROSION BARRIER	FOOT	684				684							
28000510	INLET FILTERS	EACH	87	22	30	26	9							
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	876		486		390							
31200500	STABILIZED SUBBASE HOT-MIX ASPHALT, 4"	SQ YD	56				56							
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	6254	92	5024		1138							
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	287	128	89		69							
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	26	3	15	3	.5							
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	1	1										
40600300	AGGREGATE (PRIME COAT)	TON	7	7										
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	72	36	20		16							
40600990	TEMPORARY RAMP	SQ YD	84	48	20		16							
40601005	HOT-MIX ASHHALT REPLACEMENT OVER PATCHES	TON	17			14	3							
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1444	162	815	181	286							
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	155	90	22	43								
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	992	97	549	108	238							

NP= Non-participating

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

I-90/94 KENNEDY EXPRESSWAY

STA. TO STA.

SCALE : 1" = NTS
DATE : 02/27/09

DRAWN BY : BEC
CHECKED BY : GB

PLAN

SURVEYED
NOTES
ADJUSTED
RT. OF WAY CHECKED
CADD FILE NAME

BY

DATE

PROFILE

SURVEYED
NOTES
ADJUSTED
B.M. NOTED
STRUCTURE NOTATIONS USED

BY

DATE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	10202.6-2P, ETC, 1415 & 1517R-7	COOK	246	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	CONTRACT NO. 62408

SUMMARY OF QUANTITIES

CODE #	ITEM	UNIT	URBAN TOTAL QUANTITY	EASTBOUND MAINLINE ROADWAY 1000	EASTBOUND RAMPS ROADWAY 1000	WESTBOUND MAINLINE ROADWAY 1000	WESTBOUND RAMPS ROADWAY 1000			EASTBOUND RAMP STRUCTURES 1000	WESTBOUND RAMP STRUCTURES 1000		RETAINING WALL 1000
40603600	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N105	TON	380	380									
42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SQ YD	56				56						
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	247		126		121						
42101300	PROTECTIVE COAT	SQ YD	8330	1673	3249	1630	1778						
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	49		25		24						
44000100	PAVEMENT REMOVAL	SQ YD	6743		4529		2214						
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1750		672	328	750						
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	3389	3389									
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	11936	2531	4113	2493	2799						
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ YD	74			63	11						
44004250	PAVED SHOULDER REMOVAL	SQ YD	8475	2261	2211	2288	1715						
44201765	CLASS D PATCHES, TYPE II 10 INCH	SQ YD	9				9						
44201769	CLASS D PATCHES, TYPE III 10 INCH	SQ YD	21			21							
44201771	CLASS D PATCHES, TYPE IV 10 INCH	SQ YD	36			36							
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	3545	2460	508		577						
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	820		486		334						
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	4903	1891	960	1326	726						
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1								1		
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1						1				
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1								1		
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1						1				
50102400	CONCRETE REMOVAL	CU YD	693						106	132		455	
50200100	STRUCTURE EXCAVATION	CU YD	1865									1865	
50300225	CONCRETE STRUCTURES	CU YD	1103						88	112		903	
50300510	RUSTICATION FINISH	SQ FT	4105									4105	
50800105	REINFORCEMENT BARS	POUND	64720									64720	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	48750						14130	18470		16150	
51200958	FURNISHING METAL SHELL PILES 14"X0.250"	FOOT	24063									24063	
51202305	DRIVING PILES	FOOT	24063									24063	
51203200	TEST PILE METAL SHELLS	EACH	4									4	
NP 55039700	STORM SEWERS TO BE CLEANED	FOOT	10830	4558	852	3723	1697						
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	69	4		65							
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1519	319	1061	139							
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	96		96								
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	37				37						

NP = Non-participating

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

I-90/94 KENNEDY EXPRESSWAY

STA. TO STA.

SCALE : 1" = NTS
DATE : 02/27/09
DRAWN BY : BEC
CHECKED BY : GB

PLAN

SURVEYED
NOTED
BY
DATE

ADJUSTED
CHECKED
BY
DATE

NO. OF WAYS CHECKED
CADD FILE NAME

PROFILE

SURVEYED
NOTED
BY
DATE

ADJUSTED
CHECKED
BY
DATE

NO. OF STRUCTURE NOTATIONS CHKD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	10202.6-2P, ETC, 1415 & 1517R-7	COOK	246	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

SUMMARY OF QUANTITIES

CODE #	ITEM	UNIT	TOTAL QUANTITY	EASTBOUND MAINLINE ROADWAY 1000	EASTBOUND RAMP ROADWAY 1000	WESTBOUND MAINLINE ROADWAY 1000	WESTBOUND RAMP ROADWAY 1000							RETAINING WALL 1000
55100500	STORM SEWER REMOVAL 12"	FOOT	659	160	348	103	48							
552A0600	STORM SEWERS JACKED IN PLACE, CLASS A 18"	FOOT	110	110										
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	606										606	
60107600	PIPE UNDERDRAINS 4"	FOOT	1524		1524									
60109582	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	640										640	
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	4	2	2									
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME & GRATE	EACH	36	13	9	14								
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10	3	6	1								
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	1	2									
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1			1								
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	11	5	4	2								
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5	1		3	1							
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	8	3	1	4								
60251200	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	4	2			2							
60251740	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	5	1	1	1	2							
60254340	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	1										
60255500	MANHOLES TO BE ADJUSTED	EACH	7	2	1		4							
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3			2	1							
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	3	1	2									
60260100	INLETS TO BE ADJUSTED	EACH	1				1							
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1		1									
60261540	INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	6	1	3		2							
60500040	REMOVING MANHOLES	EACH	7	3	3	1								
60500050	REMOVING CATCH BASINS	EACH	21	5	10	5	1							
60500060	REMOVING INLETS	EACH	10		4		6							
60611600	COMBINATION CONCRETE CURB AND GUTTER, (SPECIAL)	FOOT	183		79		104							
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	6434	1572		4862								
60622320	CONCRETE MEDIAN, TYPE SM-4.24	SQ FT	128		128									
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	175		175									
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1		1									
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1		1									
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4		4									
63200310	GUARDRAIL REMOVAL	FOOT	680	195	237	248								
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	4297	921	1209	891	1276							
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	209	209										

*Specialty Items

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

I-90/94 KENNEDY EXPRESSWAY

STA. TO STA.

SCALE : 1" = NTS
DATE : 02/27/09
DRAWN BY : BEC
CHECKED BY : GB

100% FED.

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO. _____	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
NO. _____	GRADES CHECKED _____		
	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHK'D _____		

* Specialty Items

SUMMARY OF QUANTITIES

CONTRACT													
CODE #	ITEM	UNIT	TOTAL QUANTITY	EASTBOUND MAINLINE ROADWAY 1000	EASTBOUND RAMP ROADWAY 1000	WESTBOUND MAINLINE ROADWAY 1000	WESTBOUND RAMP ROADWAY 1000						
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	701	467		234						1000	1000
* 78003120	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"	FOOT	1835	939		896							
* 78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	70		70								
* 78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	4368	3985	383								
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	513	483	30								
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	16		16								
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	574	156	66	308	44						
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4								
	PAVEMENT MARKING REMOVAL	SQ FT	2839	2466		373							
	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	440	422	10	4	4						
* {	XX006937 GROUND ROD, 5/8" DIA. X 10 FT.	EACH	4										4
	81000600 CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	3026									3026	
	81000800 CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	687									687	
	81001000 CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	55									55	
	81018600 CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	100										100
	81017515 CONDUIT IN TRENCH, 1 1/4" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	200									200	
	81018500 CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	6433									6433	
	81018700 CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	3672									3672	
	81018900 CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	277									277	
	81025400 CONDUIT ENCASED, REINFORCED CONCRETE, 4" DIA., PVC 1 WIDE X 1 HIGH	FOOT	1339									1339	
	81100600 CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	1105									1105	
	81100800 CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL	FOOT	180									180	
	81200270 CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	3080									3080	
	81400200 HEAVY-DUTY HANDHOLE	FOOT	59										
	X0180046 AERIAL CABLE, 3-1C NO. 1/0, ALUMINUM, WITH MESSENGER WIRE	FOOT	1000										1000
	03057350 LIGHT POLE, WOOD 60 FT., CLASS 4	EACH	4										4
	01900200 TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	550										550
	84400205 RELOCATE EXISTING LIGHT TOWER	EACH	1										1
A2004816 TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	2			2								
X0322923 SEGMENTAL CONCRETE BLOCK WALL	SQ FT	1483			1483								
X0323988 TEMPORARY SOIL RETENTION SYSTEM	SQ FT	3300										3300	
X0324876 CONCRETE BARRIER (SPECIAL)	FOOT	292	192			100							
X6063600 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	3903	50	3379	309	165							
X7011015 TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	0.25	0.25		0.25	0.25						

*Specialty Items

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

I-90/94 KENNEDY EXPRESSWAY

STA.	TO STA.
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SCALE : 1" = NTS DRAWN BY : BEC
DATE : 02/27/09 CHECKED BY : GB

SUMMARY OF QUANTITIES

	CODE #	ITEM	UNIT	TOTAL QUANTITY	EASTBOUND MAINLINE ROADWAY 1000	EASTBOUND RAMP ROADWAY 1000	WESTBOUND MAINLINE ROADWAY 1000	WESTBOUND RAMP ROADWAY 1000				SURVEILLANCE I000	RETAINING WALL I000	LIGHTING I000
	X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	69		61		8						
	XX004210	DUCTILE IRON PIPE STORM SEWER, 12"	FOOT	244	232		12							
*	XX005466	FURNISHING AND INSTALLING GUARDRAIL END SHOES	EACH	2		2								
	XX005661	REMOVE AND RELOCATE SIGN NO. 1	EACH	1					1					
	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	14902	3065	7408	1915	2514						
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.25	0.25	0.25	0.25						
NP	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	132	44	23	31	34						
	Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	5	4		1							
	Z0030070	IMPACT ATTENUATORS (SEVERE USE, NARROW), TEST LEVEL 3	EACH	3	1	2								
	Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	5	3		2							
*	Z0049100	RAISED PAVEMENT MARKER REFLECTOR REPLACEMENT	EACH	313	171		142							
	70300240	TEMPORARY PAVEMENT MARKING, 6" LINE	FOOT	1713	463		1250							
*	B3700250	LIGHT TOWER FOUNDATION, 44" DIAMETER	FOOT	35										35
*	73304005	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED (SPECIAL)	FOOT	205.5					205.5					
*	73602005	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED (SPECIAL)	EACH	13					13					
*	X0326395	INSTALL DECORATIVE STEEL GUARDRAIL	FOOT	637									637	
*	X0326396	INSTALL DECORATIVE STEEL FASCIA	FOOT	527									527	
*	X0326397	EMBEDDED PLATE, GUARDRAIL UPRIGHT, EXPANSION JOINT	EACH	16									16	
*	X0326398	EMBEDDED PLATE, GUARDRAIL UPRIGHT	EACH	88									88	
*	X0326400	REMOVE, SALVAGE, STORE AND INSTALL DECORATIVE STEEL GUARDRAIL, RAMP B	L SUM	1							1			
*	X0326429	REMOVE, SALVAGE, STORE AND INSTALL DECORATIVE STEEL GUARDRAIL, RAMP E	L SUM	1						1				
*	X0326430	REMOVE, SALVAGE, STORE AND INSTALL DECORATIVE STEEL GUARDRAIL, RAMP L	L SUM	1							1			
*	X0326431	REMOVE, SALVAGE, STORE AND INSTALL DECORATIVE STEEL GUARDRAIL, RAMP O	L SUM	1						1				
*	X0326399	FABRICATION AND INSTALLATION OF EMBEDDED PLATES, RAMP B	L SUM	1							1			
*	X0326432	FABRICATION AND INSTALLATION OF EMBEDDED PLATES, RAMP E	L SUM	1						1				
*	X0326433	FABRICATION AND INSTALLATION OF EMBEDDED PLATES, RAMP L	L SUM	1							1			
*	X0326434	FABRICATION AND INSTALLATION OF EMBEDDED PLATES, RAMP O	L SUM	1						1				
	X0326435	REPAIR OF FASCIA PANELS, EXIT RAMP F	L SUM	1									1	
	X0326346	REPAIR OF FASCIA PANELS, EXIT RAMP H	L SUM	1									1	
	X0326347	REPAIR OF FASCIA PANELS, EXIT RAMP K	L SUM	1									1	
	52000325	NEOPRENE EXPANSION JOINTS 2 1/2"	FOOT	96						48	48			
	X0326401	BARRIER WALL REMOVAL	FOOT	375		136		239						
*	X0326402	SIGN SUPPORT SPECIAL	EACH	2					2					
O	Z0076600	TRAINEES	HOUR	3000	3000									

© Y080
NP = Non-participating

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

I-90/94 KENNEDY EXPRESSWAY

STA. TO STA.

SCALE : 1" = NTS DRAWN BY : BEC
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ROADWAY SCHEDULE

LOCATION		SAND BACK-FILL	SUB GRAN MAT B 4	STAB SUBBASE HMA 4	PCC BSE CSE 10	PCC BASE CSE W 10	BIT MATLS PR CT	P BIT MATLS PR CT	AGG PR CT	HMA REPL OVER PATCH	HMA BC IL-19.0 N70	HMA SC "C" N70	HMA SC "D" N70	P HMA SC "F" N105	PCC PVT 9 3/4 JOINTED	BR APPR PAVT	PRO-TECTIVE COAT	BR APPR PVT CON (PCC)	CL D PATCH T2 10	CL D PATCH T3 10
ROAD	STATION	CU. YD.	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	TON	TON	TON	SQ YD	SQ YD	SQ. YD.	SQ YD	SQ YD	SQ YD
I-90/94 E. B. MAINLINE	20+00 - 35+00	826				128	3		7		140	39	84	380			1112			
	35+00 - 50+00						1	1			22	51	13				561			
	50+00 - 65+00																			
	65+00 - 80+00																			
	SUBTOTAL	826				128	4	1	7		162	90	97	380			1673			
I-90/94 E. B. RAMPS	20+00 - 35+00		157		1245		2				198		119				1508			
	35+00 - 50+00	48	329		3664	89	11				617	22	430			67	1741	13		
	50+00 - 65+00															59		12		
	65+00 - 80+00																			
	SUBTOTAL	48	486		4909	89	13				815	22	549			126	3249	25		
I-90/94 W. B. MAINLINE	20+00 - 35+00	68					3			14	137	43	82				1198			21
	35+00 - 50+00						1				44		26				406			
	50+00 - 65+00																26			
	65+00 - 80+00																			
	SUBTOTAL	68					4			14	181	43	108				1630			21
I-90/94 W. B. RAMPS	20+00 - 35+00		334								11		7				291		9	
	35+00 - 50+00	49	56	56	790	70	4			3	202		187		56	121	1072	24		
	50+00 - 65+00				279		1				73		44				414			
	65+00 - 80+00																			
	SUBTOTAL	49	390	56	1069	70	5			3	286		238		56	121	1777	24	9	
TOTAL		991	876	56	5978	287	26	1	7	17	1444	155	992	380	56	247	8330	49	9	21

ROADWAY SCHEDULE (CONT.)

LOCATION		CL D PATCH T4 10	STRIP REF CR CON TR	HMA SHOULDERS 6	HMA SHOULDERS 10	COMB CC&G SPL	CONC MEDIAN SURF 6	CONC MED TSM4. 24	COMB CC&G TM4. 24	AGG SUB-GRADE 12
ROAD	STATION	SQ YD	FOOT	SQ YD	SQ YD	FOOT	SQ FT	SQ FT	FOOT	SQ YD
I-90/94 E. B. MAINLINE	20+00 - 35+00		2460		1142		879			1965
	35+00 - 50+00				749		693		50	1099
	50+00 - 65+00									
	65+00 - 80+00									
	SUBTOTAL		2460		1891		1572		50	3064
I-90/94 E. B. RAMPS	20+00 - 35+00			157	192		4862		1268	1999
	35+00 - 50+00		508	329	768	79		128	2111	5355
	50+00 - 65+00									54
	65+00 - 80+00									
	SUBTOTAL		508	486	960	79	4862	128	3379	7408
I-90/94 W. B. MAINLINE	20+00 - 35+00	36			1013				309	1598
	35+00 - 50+00		577		313					317
	50+00 - 65+00									
	65+00 - 80+00									
	SUBTOTAL	36	577		1326				309	1915
I-90/94 W. B. RAMPS	20+00 - 35+00			334	58				165	139
	35+00 - 50+00				470	104				1724
	50+00 - 65+00				198					652
	65+00 - 80+00									
	SUBTOTAL			334	726	104			165	2515
TOTAL		36	3545	820	4903	183	6434	128	3903	14902

SAFETY SCHEDULE

LOCATION		SPBGR TY A	TRAF BAR TERM TY 2	TRAF BAR TERM TY 6	TR BAR TRM T1 SPL TAN	CONC BAR 1F 42HT	CONC BAR 2F 42HT	CONC BAR TRANS	CONC BARRIER BASE	CH LK FENCE 7	GUARDRAIL MKR TYPE A	BAR WALL MKR TYPE C	TERMINAL MARKER - DA	CONC BAR SPCL	F&I GRDRL END SHOES	IMP ATTN SU NAR TL3
ROAD	STATION	FOOT	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	FOOT	EACH	EACH
I-90/94 E. B. MAINLINE	5+00 - 20+00															
	20+00 - 35+00					871	209	160	1154			54		123		
	35+00 - 50+00					49		53	312			86		68		3
	50+00 - 65+00											16				
	SUBTOTAL					921	209	213	1466			156		191		3
I-90/94 E. B. RAMPS	5+00 - 20+00															
	20+00 - 35+00	137.5				476			476		4	24				
	35+00 - 50+00	37.5	1	1	4	628		244	872		12	34	4		2	
	50+00 - 65+00					105		30	135			8				
	SUBTOTAL	175	1	1	4	1209		274	1483		16	66	4		2	
I-90/94 W. B. MAINLINE	5+00 - 20+00											5				
	20+00 - 35+00					850		579	1474			131		100		
	35+00 - 50+00					41		6	102			136				
	50+00 - 65+00											36				
	SUBTOTAL					891		585	1576			308		100		
I-90/94 W. B. RAMPS	5+00 - 20+00															
	20+00 - 35+00					166			359			8				
	35+00 - 50+00					673		193	688	40		24				
	50+00 - 65+00					437		15	437			12				
	SUBTOTAL					1276		208	1484	40		44				
TOTAL		175	1	1	4	4296	209	1280	6009	40	16	574	4	291	2	3

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

I-90/94 KENNEDY EXPRESSWAY

STA. TO STA.

SCALE : 1" = NTS

DRAWN BY : BEC

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#FILE#

#DATE#

#TIME#

DRAINAGE SCHEDULE

LOCATION		SS CL A 1	SS CL A 2	SS CL A 2	SS CL A 2	SS DUCTILE IRON 12"	SS JKD CL A 2 18"	TRENCH BKF1L	SS CLEAN	CB TA 4 DIA T8G	CB TA 4 DIA T24F&G	MH TA 4 DIA T1F CL	MH TA 5 DIA T1F CL	MH TA 7 DIA T1F CL	INL TB T24F&G	PIPE UNDER DRAINS 4"	DRAINAGE STR. CLEANED
ROAD	STATION	12	12	15	18												
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU. YD.	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	FOOT	EACH
I-90/94 E. B. MAINLINE	20+00 - 35+00	4	137			232	110	229	680		12	3	1		2		8
	35+00 - 50+00		182					49	2120		1				1		12
	50+00 - 65+00								1758								24
	65+00 - 80+00																
	SUBTOTAL	4	319			232	110	278	4558		13	3	1		3		44
I-90/94 E. B. RAMPS	20+00 - 35+00		395	96				159	425	1	3	1	1		2	640	6
	35+00 - 50+00		666					113	203	2	6	5	1		4	884	9
	50+00 - 65+00								224								8
	65+00 - 80+00																
	SUBTOTAL		1061	96				272	852	3	9	6	2		6	1524	23
I-90/94 W. B. MAINLINE	20+00 - 35+00	54	56			12		49	1477	1	6	1		1	2		7
	35+00 - 50+00		73					13	1493		6						14
	50+00 - 65+00	11	10					4	753		2						10
	65+00 - 80+00																
	SUBTOTAL	13	139			12		66	3723	1	14	1		1	2		31
I-90/94 W. B. RAMPS	20+00 - 35+00				37			3	1171								15
	35+00 - 50+00								426								12
	50+00 - 65+00								100								7
	65+00 - 80+00																
	SUBTOTAL				37			3	1697								34
TOTAL		69	1519	96	37	244	110	619	10830	4	36	10	3	1	11	1524	132

DRAINAGE SCHEDULE (CONT.)

LOCATION		CB ADJ	CB ADJ NEW T1F OL	CB ADJ NEW T8G	CB ADJ NEW T24F&G	CB RECON NEW T24F&G	MAN ADJUST	MAN ADJUST T1F CL	MAN RECON	INLETS ADJ	INLETS ADJ NEW T1F OL	INLETS ADJ NEW T24F&G	REMOV MAN	REMOV CB	REMOV INLET	SS REMOV 12
ROAD	STATION	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
I-90/94 E.B. MAINLINE	20+00 - 35+00	1	1	2		1	2						3	4		146
	35+00 - 50+00		2		1				1			1		1		14
	50+00 - 65+00															
	65+00 - 80+00															
	SUBTOTAL	1	3	2	1	1	2		1			1	3	5		157
I-90/94 E.B. RAMPS	20+00 - 35+00		1								1	1	1	5	3	126
	35+00 - 50+00				1		1		2			2	2	5	1	222
	50+00 - 65+00															
	65+00 - 80+00															
	SUBTOTAL		1		1		1		2		1	3	3	10	4	348
I-90/94 W.B. MAINLINE	20+00 - 35+00	3	2										1	2		74
	35+00 - 50+00		2		1			2						3		25
	50+00 - 65+00															4
	65+00 - 80+00															
	SUBTOTAL	3	4		1			2					1	5		103
I-90/94 W.B. RAMPS	20+00 - 35+00			1	1					1				1	2	48
	35+00 - 50+00	1			1		4	1				2			3	
	50+00 - 65+00			1											1	
	65+00 - 80+00															
	SUBTOTAL	1		2	2		4	1		1		2		1	6	48
TOTAL		5	8	4	5	1	7	3	3	1	1	6	7	21	10	659

EROSION CONTROL & LANDSCAPING SCHEDULE

LOCATION		TEMPORARY FENCE	TREE TRUNK	TOPSOIL FURNISH & PLACE 4	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MOWING	EROSION CONTROL BLANKET	SODDING SALT TOLERANT	SUPPLE MENTAL WATERING	TRANSPLANT SALVAGED TREES	TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER	INLET FILTERS
ROAD	STATION														
I-90/94 E.B. MAINLINE	20+00 - 35+00	FOOT	FOOT	SO. YD.	POUND	POUND	POUND	ACRE	SO. YD.	SO. YD.	UNIT	EACH	POUND	FOOT	EACH
	35+00 - 50+00														16
	50+00 - 65+00														6
	65+00 - 80+00														
	SUBTOTAL														22
I-90/94 E.B. RAMPS	20+00 - 35+00	126	8	776	14	14	14	0.2	649	776	12	3	16		10
	35+00 - 50+00	627	1	2542	47	47	47	0.5		2542	38		53		20
	50+00 - 65+00														
	65+00 - 80+00														
	SUBTOTAL	753	9	3318	62	62	62	0.7	649	3318	50	3	69		30
I-90/94 W.B. MAINLINE	20+00 - 35+00														15
	35+00 - 50+00														6
	50+00 - 65+00														
	65+00 - 80+00														
	SUBTOTAL	0													21
I-90/94 W.B. RAMPS	20+00 - 35+00	569	9	865	16	16	16	0.2		865	13	12	18	530	3
	35+00 - 50+00		3	766	14	14	14	0.2		766	11		16	154	6
	50+00 - 65+00														5
	65+00 - 80+00														
	SUBTOTAL	569	12	1631	30	30	30	0.3		1631	24	12	34	684	14
TOTAL		1322	21	4949	92	92	92	1.0	649	4949	74	15	102	684	87

SCHEDULE OF QUANTITIES

I-90/94 KENNEDY EXPRESSWAY

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SCALE : 1" = NTS DRAWN BY : BEC
DATE : 02/27/09 CHECKED BY : GB

ROADWAY REMOVAL SCHEDULE

LOCATION		HMA SURF REM BUTT JT	PAVEMENT REM	HMA SURF REM 1 1/2"	HMA SURF REM 2"	COMB CURB CUTTER REM	HMA RM OV PATCH 4	PAVED SHLD REMOV	GUARDRAIL REMOV	REL TEMP CONC BAR SPEC	REL TEMP CONC BAR S O	IMPACT ATTENUATOR REM	BARRIER WALL REMOVAL
ROAD	STATION	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	SQ YD	FOOT	FOOT	EACH	EACH	FOOT
I-90/94 E. B. MAINLINE	20+00 - 35+00	36			3389	1551		1287	195	360	237.5	2	
	35+00 - 50+00					980		974		970		2	
	50+00 - 65+00												
	65+00 - 80+00												
	SUBTOTAL	36			3389	2531		2261	195	1250	237.5	4	
I-90/94 E. B. RAMPS	20+00 - 35+00		1750			1506		653	130				
	35+00 - 50+00	20	2749	672		2607		1528	107				
	50+00 - 65+00		31					30		80			
	65+00 - 80+00												136
	SUBTOTAL	20	4529	672		4113		2211	237	80			136
I-90/94 W. B. MAINLINE	20+00 - 35+00			328		1492	63	1588	248	300		1	
	35+00 - 50+00					803		587		790			
	50+00 - 65+00					198		114		250			
	65+00 - 80+00												
	SUBTOTAL			328		2493	63	2288	248	1340		1	
I-90/94 W. B. RAMPS	20+00 - 35+00		561			1322	11	504					
	35+00 - 50+00	16	1120	750		1477		837					
	50+00 - 65+00		532					375					
	65+00 - 80+00												239
	SUBTOTAL	16	2213	750		2799	11	1715					239
TOTAL		72	6743	1750	3389	11936	11	8475	680	2750	237.5	5	375

PAVEMENT MARKING SCHEDULE

LOCATION		PREFORM PLASTIC PAVT MARKING, TYPE B				THERMOPLASTIC PAVEMENT MARKING				RAISED REFL PAVT MKR	SHORT - TERM PAVT MKING
ROAD	STATION	LINE 4" FOOT	LINE 5" FOOT	LINE 6" FOOT	LINE 8" FOOT	LINE 4" FOOT	LINE 8" FOOT	LINE 12" FOOT	LTR & SYM SQ. FT.		
I-90/94 E. B. MAINLINE	5+00 - 20+00		34								
	20+00 - 35+00	85	554		450	2009	956	420			
	35+00 - 50+00	242	88		1013	193	1762	209	72.8	107	328
	50+00 - 65+00	140	13		750		1128	12		94	
	65+00 - 80+00		250		750		1335			84	
	80+00 - 95+00				750		1205			84	
	95+00 - 110+00				273		440			30	
	SUBTOTAL	467	939		3985	2202	6826	641	72.8	483	328
I-90/94 E. B. RAMPS	5+00 - 20+00				383	1266	340		72.8		
	20+00 - 35+00										
	35+00 - 50+00			70		1991	2504	22	72.8	30	
	50+00 - 65+00					70	199				
	SUBTOTAL			70	383	3327	3043	22	145.6	30	
I-90/94 W. B. MAINLINE	5+00 - 20+00		212								
	20+00 - 35+00		684								
	35+00 - 50+00	128				1775	114	21			
	50+00 - 65+00	106				434	540	98			
	SUBTOTAL	234	896			2239	654	119			
I-90/94 W. B. RAMPS	5+00 - 20+00										
	20+00 - 35+00										
	35+00 - 50+00					310	315				
	50+00 - 65+00						1606				
	SUBTOTAL					310	2343				
TOTAL		701	1835	70	4368	8078	12866	782	218.4	513	328

STAGING SCHEDULE

LOCATION		PAVT MARK REM	RAISED REF PAVT MARK REM	PAVEMENT MARKING TAPE, TYPE III				TEMP PAVEMENT MARKING	TEMP CONC BARRIER	REL TEMP CONC BAR	WORK ZONE PAVT MK REM	IMP ATTN TEMP NRD TL3	RAISE PVT MK REF REPL	TEMPORARY RAMP	
ROAD	STATION			LINE 4"	LINE 5"	LINE 8"	LINE 12"								
		SQ FT	EACH	FOOT	FOOT	FOOT	FOOT	6"	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	SQ YD
I-90/94 E.B. MAINLINE	5+00 - 20+00	14		135	34						59		4		
	20+00 - 35+00	947	98	2025	554	1890	175		575	1975	2341		26		48
	35+00 - 50+00	437	76	3573	77	806	152	463	850	2862.5	1913	3	37		
	50+00 - 65+00	328	74	1944	195	322	36		200		980		37		
	65+00 - 80+00	313	74	1500							500		37		
	80+00 - 95+00	313	74	1200							400		30		
	95+00 - 110+00	114	26												
	SUBTOTAL	2466	422	10377	860	3018	363	463	1625	4837.5	6193	3	171		48
I-90/94 E.B. RAMPS	20+00 - 35+00		5												
	35+00 - 50+00		5			991									20
	50+00 - 65+00					456									
	65+00 - 80+00										661				
	SUBTOTAL		10			1447					304				20
I-90/94 W.B. MAINLINE	5+00 - 20+00	88		493	213				62.5		253	1	22		
	20+00 - 35+00	285	4	1388	683	113		1250	1312.5	212.5	822	1	70		
	35+00 - 50+00			1330		170			1700	200	557		37		
	50+00 - 65+00			500					450		167		13		
	65+00 - 80+00														
	SUBTOTAL	373	4	3711	896	283		1250	3525	412.5	1799	2	142		
I-90/94 W.B. RAMPS	20+00 - 35+00		4			224									
	35+00 - 50+00					331					149				16
	50+00 - 65+00										221				
	65+00 - 80+00														
	SUBTOTAL		4			555					370				16
TOTAL		2839	440	14088	1756	5303	363	1713	5150	5250	9327	5	313		84

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

I-90/94 KENNEDY EXPRESSWAY

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SCALE : 1" = NTS DRAWN BY : BEC
DATE : 02/27/09 CHECKED BY : GB

EARTHWORK

	EARTH EXCAVATION	TOPSOIL EXCAVATION	EMBANKMENT	UNDERCUT*	PGE EMBANKMENT SUBGRADE*	EXCAVATION USED IN EMBANKMENT (ADJ. FOR SHRINKAGE)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD.	CU YD.	CU YD.	CU YD.	CU YD.	CU YD.	CU YD.
	STAGE 1	STAGE 1	STAGE 1	STAGE 1	STAGE 1	STAGE 1	STAGE 1
29+00	87	5	0	0	0		
29+50	84	12	0	0	0	72	71
30+00	48	14	3	0	0	41	38
30+50	45	17	7	0	0	39	31
31+00	66	21	10	11	11	56	46
31+50	94	25	9	28	28	80	71
32+00	104	23	12	36	36	88	76
32+50	111	19	10	39	39	94	84
33+00	148	8	2	39	39	126	124
33+50	216	20	2	39	39	183	182
34+00	291	40	4	39	39	247	243
34+50	380	43	4	39	39	323	319
35+00	511	53	4	39	39	434	431
35+50	643	63	5	39	39	546	542
36+00	701	68	6	56	56	596	590
36+50	727	69	5	75	75	618	613
37+00	697	70	4	83	83	593	589
37+50	453	35	2	81	81	385	383
38+00	186	0	0	69	69	158	158
38+50	146	26	1	72	72	124	123
39+00	209	55	2	76	76	178	176
39+50	252	58	2	66	66	214	212
40+00	256	54	1	56	56	218	217
40+50	249	55	0	47	47	212	212
41+00	184	48	4	38	38	157	153
41+50	81	29	4	29	29	68	65
42+00	31	19	2	24	24	27	25
42+50							
STAGE 1 TOTAL =	6914	949	102	1119	1119	5877	5775

* COLUMN IS FOR INFORMATION ONLY. SEE GENERAL NOTE ON SHEET 2 FOR UNDERCUT AND POROUS GRANULAR EMBANKMENT, SUBGRADE QUANTITIES.

EARTHWORK SUMMARY

TOTAL	I-90/94	
	CU YD.	
EARTHWORK EXCAVATION	11,033	①
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	4,737	②
FURNISHED EXCAVATION (FOR TOTAL)	0	③
POROUS GRANULAR EMBANKMENT, SUBGRADE	3,788	④

NOTE:

A SHRINKAGE FACTOR OF 15% WAS USED
FOR EARTH EXCAVATION ADJUSTMENT.

- ① EARTH EXCAVATION BY CROSS SECTIONS (6914 CU YD) +
EARTH EXCAVATION BY SPECIAL PROVISION (4119 CU YD) = 11033 CU YD
- ② TOPSOIL EXCAVATION (949 CU YD) + UNDERCUT IDENTIFIED BY
SOILS REPORT, SEE GN ON PAGE 2 (3788 CU YD) = 4737 CU YD
- ③ EARTHWORK BALANCE FROM CROSS SECTIONS (5775 CU YD) -
EMBANKMENT BY SPECIAL PROVISION (1372) = 4403 CU YD
THEREFORE NO FURNISHED EXCAVATION.
- ④ UNDERCUT IDENTIFIED BY SOILS REPORT, SEE GN ON PAGE 2
(3788 CU YD) = 3788 CU YD

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

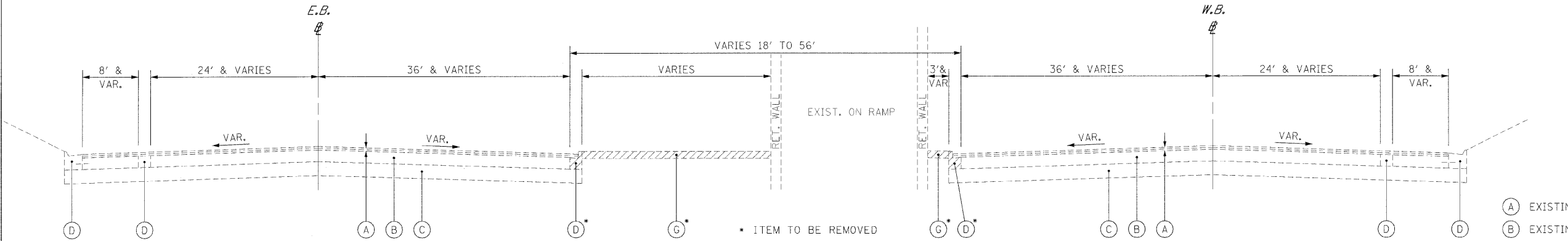
I-90/94 KENNEDY EXPRESSWAY

SCALE : 1" = NTS DRAWN BY : BEC
DATE : 03/26/09 CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	02024-2P, ETC, 1415 & 1517R-7	COOK	246	12
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 62408	

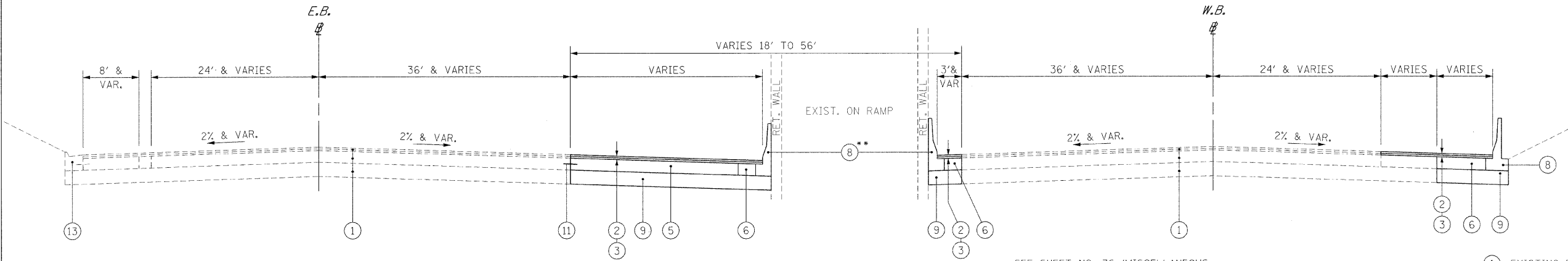
PLAN	DATE	BY	REVIEWED	DATE	BY
			NOTED		
			ALIGNMENT CHECKED		
			NO. _____		
			CAD FILE NAME		

PROFILE	DATE	BY	REVIEWED	DATE	BY
			NOTED		
			GRADES CHECKED		
			NO. _____		
			STRUCTURE NOTATIONS CHKD		



EXISTING I 90/94 KENNEDY EXPRESSWAY

E.B. - STA. 21±00 TO STA. 58±00
W.B. - STA. 20±76 TO STA. 58±00



PROPOSED I 90/94 KENNEDY EXPRESSWAY

E.B. - STA. 23±95 TO STA. 58±00
W.B. - STA. 20±76 TO STA. 58±00

EXISTING LEGEND

- (A) EXISTING ±4" HMA RESURFACING
- (B) EXISTING PCC PAVEMENT, 10" WITH PAVEMENT FABRIC
- (C) EXISTING SUBBASE
- (D) EXISTING CURB AND GUTTER
- (E) EXISTING BARRIER WALL (SINGLE OR DOUBLE FACE)
- (F) EXISTING HMA SHOULDER
- (G) EXISTING HMA MEDIAN SURFACE

PROPOSED LEGEND

- (1) EXISTING PAVEMENT AND RESURFACING (SEE EXIST. TYPICALS)
- (2) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 2 1/2"
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- (4) PORTLAND CEMENT CONCRETE BASE COURSE 10"
- (5) PORTLAND CEMENT CONCRETE BASE COURSE & PCC WIDENING 10"
- (6) HOT-MIX ASPHALT SHOULDERS, 10" (TOP LIFT WILL BE A MINIMUM OF 2 1/4")
- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (8) CONCRETE BARRIER, SINGLE FACE
- (9) AGGREGATE SUBGRADE 12"
- (10) TOPSOIL FURNISH AND PLACE, 4" & SODDING, SALT TOLERANT
- (11) DRILL AND GROUT NO. 8 TIE BARS, 24" LONG, 24" O.C. "INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE BASE COURSE & BASE COURSE WIDENING"
- (12) DRILL AND GROUT NO. 6 TIE BARS, 24" LONG, 24" O.C. "INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24"
- (13) EXISTING CURB AND GUTTER TO REMAIN

NOTE: BOXED ITEMS IN LEGEND ARE INCLUDED IN THE COST OF OTHER CONTRACT PAY ITEMS AND WILL NOT BE PAID FOR SEPERATELY.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS
MAINLINE RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N105	SBS/SBR PG 76-22	4% @ 105 Gyr.
RAMP RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 1 1/2"	PG 64 -22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2 1/2"	PG 64 -22 / 58-22*	4% @ 70 Gyr.
SHOULDER RECONSTRUCTION MAINLINE & RAMPS (OUTER) 11 1/2"		
HMA SURFACE COURSE, MIX "C", N70 (IL 9.5 mm); 1 1/2"	PG 64-22	4% @ 70 Gyr.
HMA SHOULDER (HMA BINDER IL-19 mm); 10"	PG 64-22 / 58-22*	4% @ 70 Gyr.
SHOULDER RECONSTRUCTION MAINLINE & RAMPS (INNER) 14"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 1 1/2"	PG 64 -22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2 1/2"	PG 64 -22 / 58-22*	4% @ 70 Gyr.
HMA SHOULDER (HMA BINDER IL-19 mm); 10"	PG 64-22 / 58-22*	4% @ 70 Gyr.
SHOULDER RECONSTRUCTION, 6"		
HMA SHOULDER (HMA BINDER IL-19 mm); 6"	PG 64-22 / 58-22*	4% @ 70 Gyr.
PATCHING		
CLASS D PATCH (HMA BINDER IL-25 mm)	PG 64-22	4% @ 50 Gyr.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm); 4 "	PG 64-22 / 58-22*	4% @ 70 Gyr.
RAMP E, L & O REPAIRS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 1 1/2"	PG 64 -22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 1 1/2"	PG 64 -22 / 58-22*	4% @ 70 Gyr.
RAMP B REPAIRS		
STABILIZED SUBBASE HMA, BAM; 4 "	PG 64-22 / 58-22*	2% @ 30 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

EXISTING & PROPOSED
I-90/94 KENNEDY EXPRESSWAY

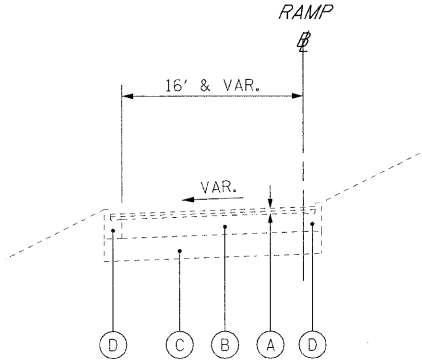
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DATE : 02/27/09
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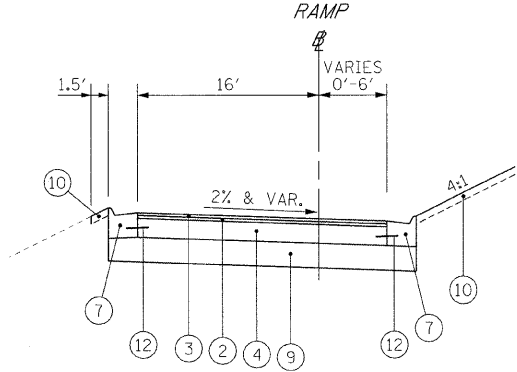
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	DESIGNED		
NO.	ATTACHED CHECKED		
	BY		
	FILE NAME		

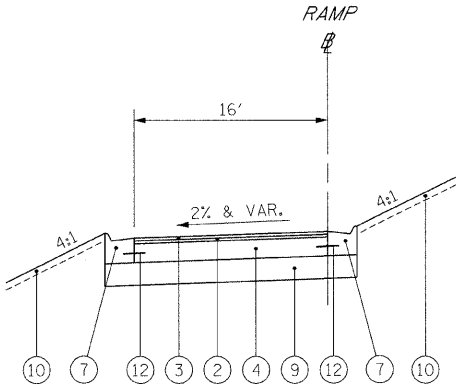
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	DESIGNED		
NO.	ATTACHED CHECKED		
	BY		
	FILE NAME		



EXISTING OFF RAMPs



PROPOSED RAMP "K"



NOTE: ON RAMP F THE 2% CROWN AS SHOWN IS REVERSED FROM STA. 10+98.34 TO STA. 13+64

RAMP "F" & "H"

EXISTING LEGEND

- (A) EXISTING ±4" HMA RESURFACING
- (B) EXISTING PCC PAVEMENT, 10" WITH PAVEMENT FABRIC
- (C) EXISTING SUBBASE
- (D) EXISTING CURB AND GUTTER
- (E) EXISTING BARRIER WALL (SINGLE OR DOUBLE FACE)
- (F) EXISTING HMA SHOULDER
- (G) EXISTING HMA MEDIAN SURFACE

PROPOSED LEGEND

- (1) EXISTING PAVEMENT AND RESURFACING (SEE EXIST. TYPICALS)
- (2) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 2 1/2"
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- (4) PORTLAND CEMENT CONCRETE BASE COURSE 10"
- (5) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"
- (6) HOT-MIX ASPHALT SHOULDERS, 10" (TOP LIFT WILL BE A MINIMUM OF 2 1/4")
- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (8) CONCRETE BARRIER, SINGLE FACE
- (9) AGGREGATE SUBGRADE 12"
- (10) TOPSOIL FURNISH AND PLACE, 4" & SODDING, SALT TOLERANT
- (11) DRILL AND GROUT NO. 8 TIE BARS, 24" LONG, 24" O.C. "INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE BASE COURSE WIDENING"
- (12) DRILL AND GROUT NO. 6 TIE BARS, 24" LONG, 24" O.C. "INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24"
- (13) EXISTING CURB AND GUTTER TO REMAIN

NOTE: BOXED ITEMS IN LEGEND ARE INCLUDED IN THE COST OF OTHER CONTRACT PAY ITEMS AND WILL NOT BE PAID FOR SEPERATELY.

ILLINOIS DEPARTMENT OF TRANSPORTATION

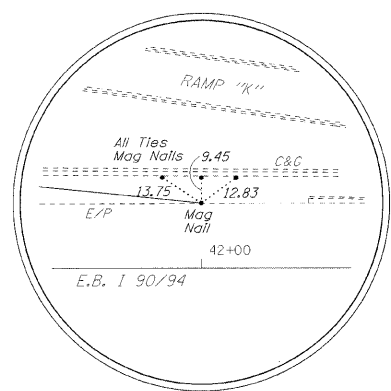
TYPICAL SECTIONS
EXISTING & PROPOSED
I-90/94 KENNEDY EXPRESSWAY

SCALE : NTS
DATE : 02/06/09
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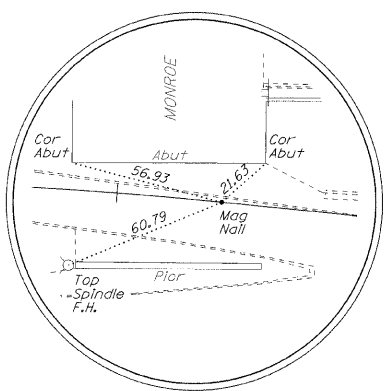
8FILES 8DATES 8TIMES

PLAN
SURVEYED
NOTED
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DATE
BY
NO. FILE NAME

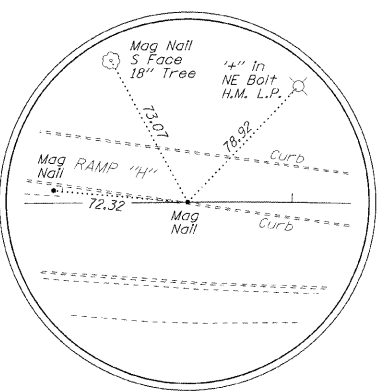
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DATE
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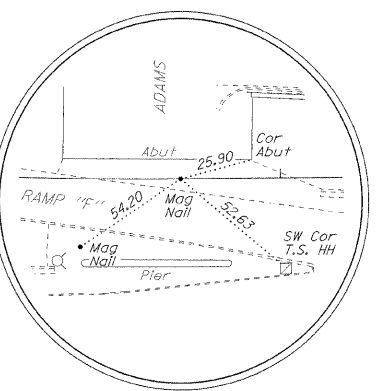
POT 1+00.00 RAMP "F"



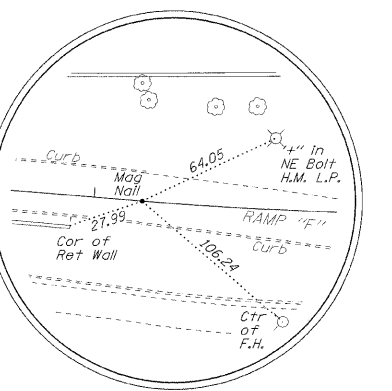
PC 4+61.42 RAMP "F"



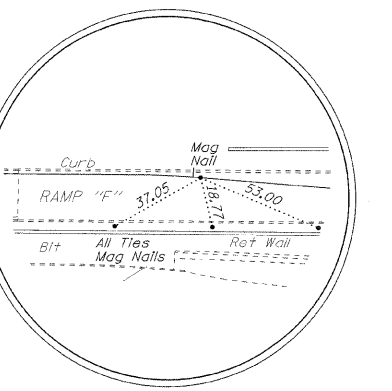
PT 6+38.41 RAMP "F"



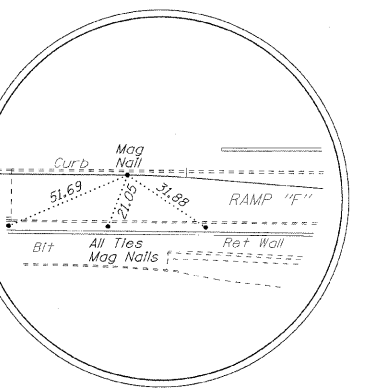
PC 9+36.60 RAMP "F"



PT 10+82.34 RAMP "F"



PC 12+97.18 RAMP "F"



PT 13+21.65 RAMP "F"

Exist. Curve SB1
PI Sta. 25+84.75
 $\Delta = 3^\circ 04' 49''$ (RT)
D = 0° 30' 00"
T = 308.11'
R = 11,459.20'
L = 616.07'
E = 4.14'
PC Sta. 22+76.64
PT Sta. 28+92.71

Exist. Curve SB2
PI Sta. 34+00.61
 $\Delta = 1^\circ 23' 18''$ (RT)
D = 0° 15' 00"
T = 277.66'
R = 22,918.30'
L = 555.29'
E = 1.68'
PC Sta. 31+22.96
PT Sta. 36+78.24

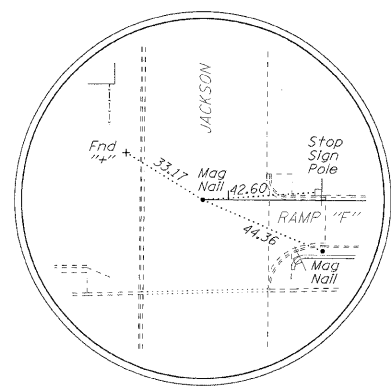
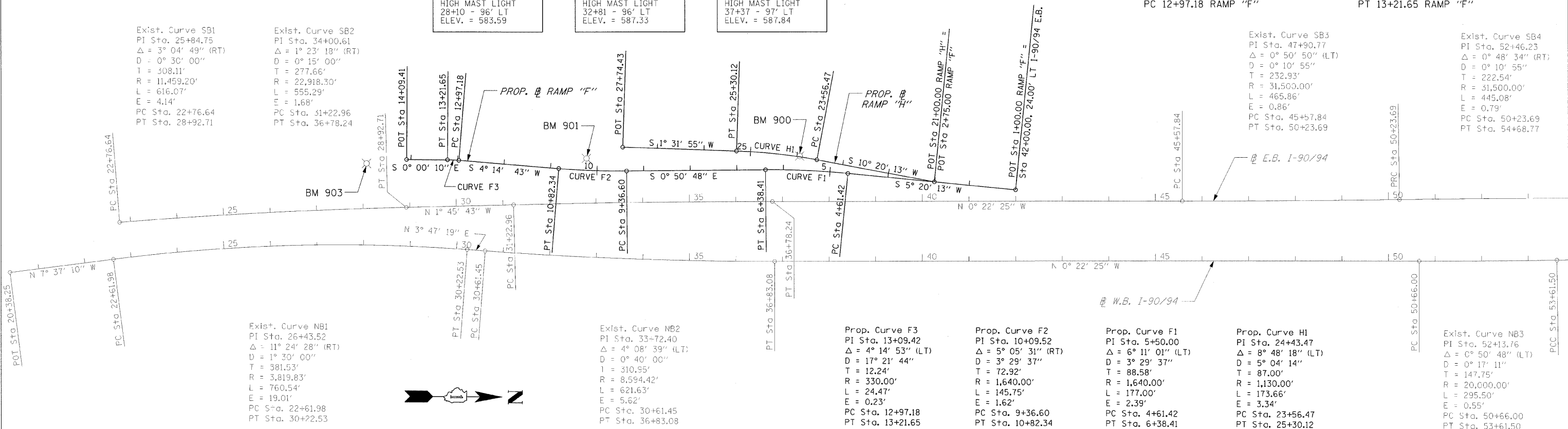
BM 903
N.E. ANCHOR BOLT OF
HIGH MAST LIGHT
28+10 - 96' LT
ELEV. = 583.59

BM 901
N.W. ANCHOR BOLT OF
HIGH MAST LIGHT
32+81 - 96' LT
ELEV. = 587.33

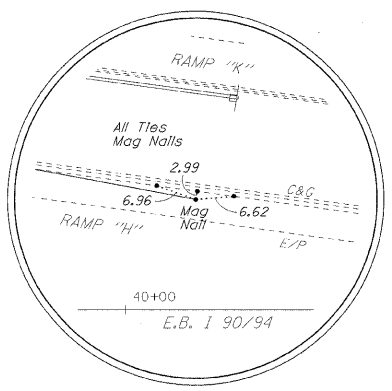
BM 900
N.E. ANCHOR BOLT OF
HIGH MAST LIGHT
37+37 - 97' LT
ELEV. = 587.84

Exist. Curve SB3
PI Sta. 47+90.77
 $\Delta = 0^\circ 50' 50''$ (LT)
D = 0° 10' 55"
T = 232.93'
R = 31,500.00'
L = 465.86'
E = 0.86'
PC Sta. 45+57.84
PT Sta. 50+23.69

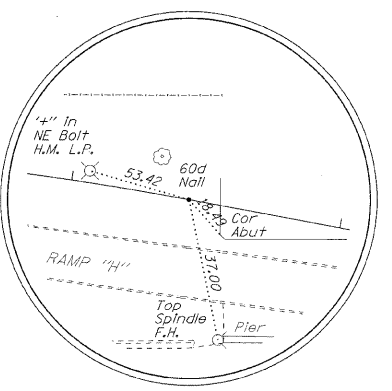
Exist. Curve SB4
PI Sta. 52+46.23
 $\Delta = 0^\circ 48' 34''$ (RT)
D = 0° 10' 55"
T = 222.54'
R = 31,500.00'
L = 445.08'
E = 0.79'
PC Sta. 50+23.69
PT Sta. 54+68.77



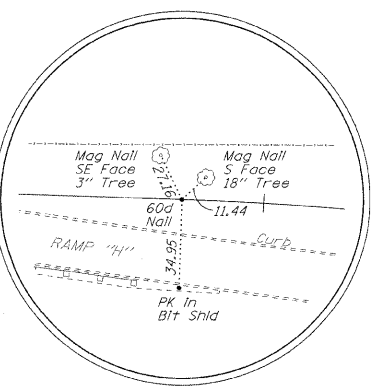
POT 14+09.41 RAMP "F"



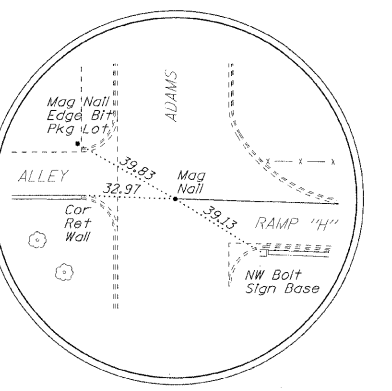
POT 21+00.00 RAMP "H"



PC 23+56.47 RAMP "H"



PT 25+30.12 RAMP "H"



POT 27+74.43 RAMP "H"

S.E. ATTAINMENT					
ROAD	CURVE NO.	S.E. RATE	STATION		
			BEGIN S.E.	FULL S.E.	END S.E.
RAMP F	F1	+2.90%	*	*	6+55.41
RAMP F	F2	+2.90%	8+44.60	9+82.60	10+74.34
RAMP H	H1	+3.10%	*	*	24+93.12

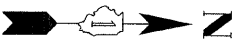
* SEE INTERSECTION DETAIL
** S.E. TRANSITIONS FROM +2.90% TO +2.00%

ILLINOIS DEPARTMENT OF TRANSPORTATION
ALIGNMENT & TIES
I-90/94 KENNEDY EXPRESSWAY
STA. 20+00 TO STA. 35+00
SCALE: 1" = 100'
DATE: 02/06/09
DRAWN BY: BEC
CHECKED BY: GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	10202.6-2P, ETC, 1415 & 1517R-7	COOK	246	15
STA. 20+00		TO STA. 35+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

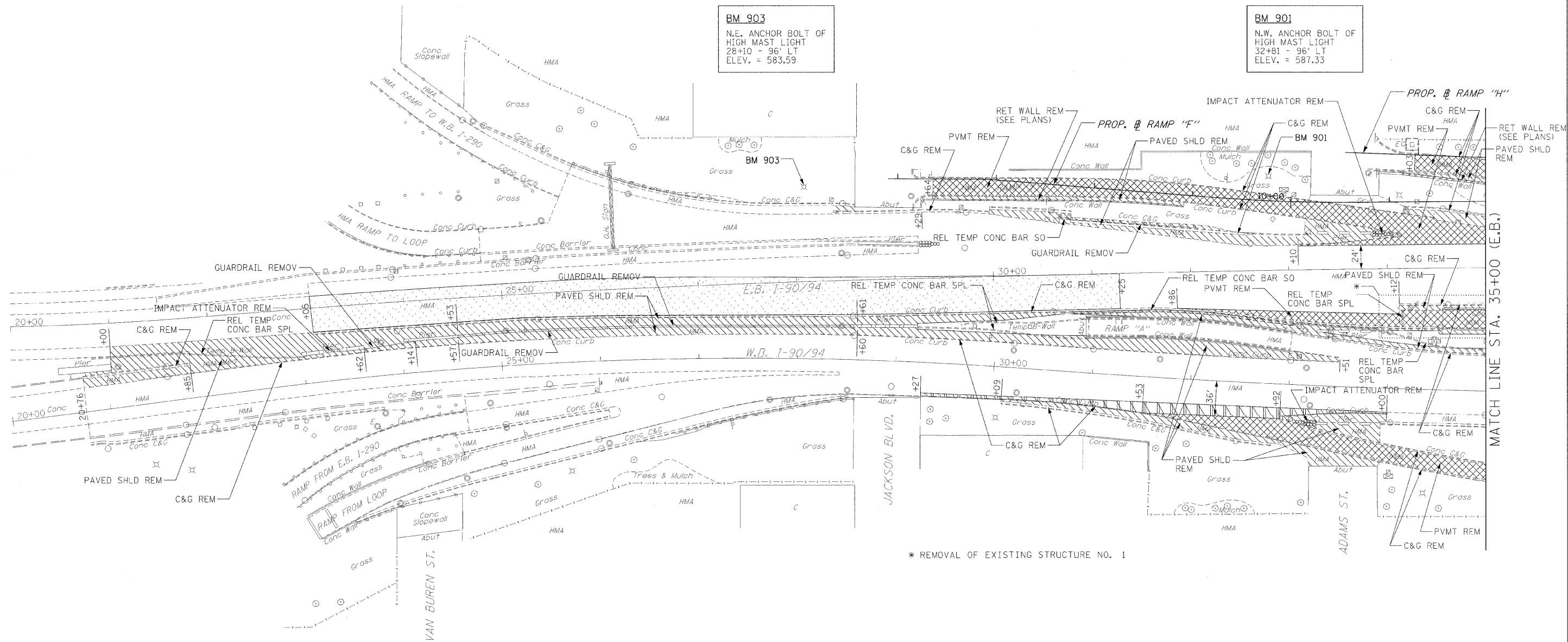
LEGEND

	HMA SURFACE REMOVAL 2"		PAVEMENT REMOVAL
	HMA SURFACE REMOVAL 1 1/2"		RETAINING WALL REMOVAL
	PAVED SHOULDER REMOVAL		TREE REMOVAL, DIAMETER



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

PROFILE	DATE	BY	DATE	BY
SURVEYED				
GRADES CHECKED				
STRUCTURE NOTATIONS				
NO.				



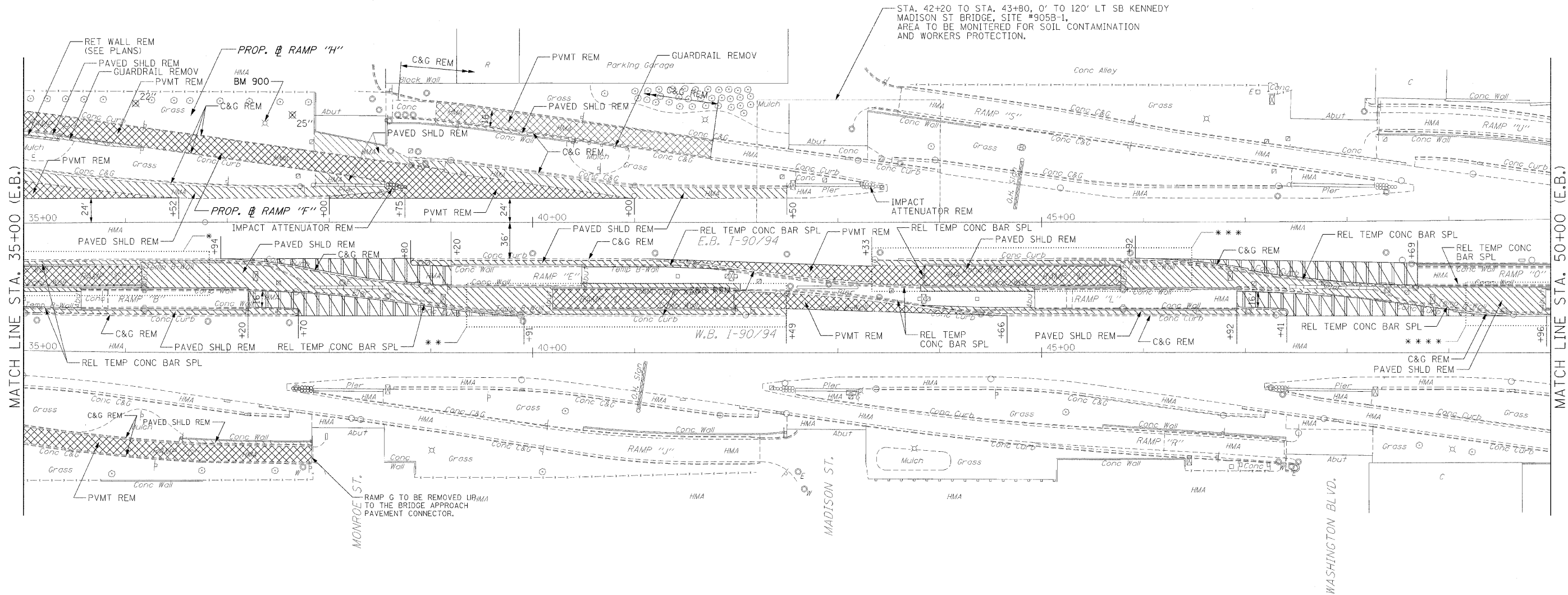
* REMOVAL OF EXISTING STRUCTURE NO. 1

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING/REMOVAL PLAN
 I-90/94 KENNEDY EXPRESSWAY
 STA. 20+00 TO STA. 35+00
 SCALE : 1" = 50'
 DATE : 02/27/09
 DRAWN BY : BEC
 CHECKED BY : GB

LEGEND

- | | | | |
|--|----------------------------|--|----------------------------|
| | HMA SURFACE REMOVAL 2" | | PAVEMENT REMOVAL |
| | HMA SURFACE REMOVAL 1 1/2" | | RETAINING WALL REMOVAL |
| | PAVED SHOULDER REMOVAL | | TREE REMOVAL, DIAMETER 22" |

BM 900
N.E. ANCHOR BOLT OF
HIGH MAST LIGHT
37+37 - 97' LT
ELEV. = 587.84



- * REMOVAL OF EXISTING STRUCTURE NO. 1
- ** REMOVAL OF EXISTING STRUCTURE NO. 2
- *** REMOVAL OF EXISTING STRUCTURE NO. 3
- **** REMOVAL OF EXISTING STRUCTURE NO. 4

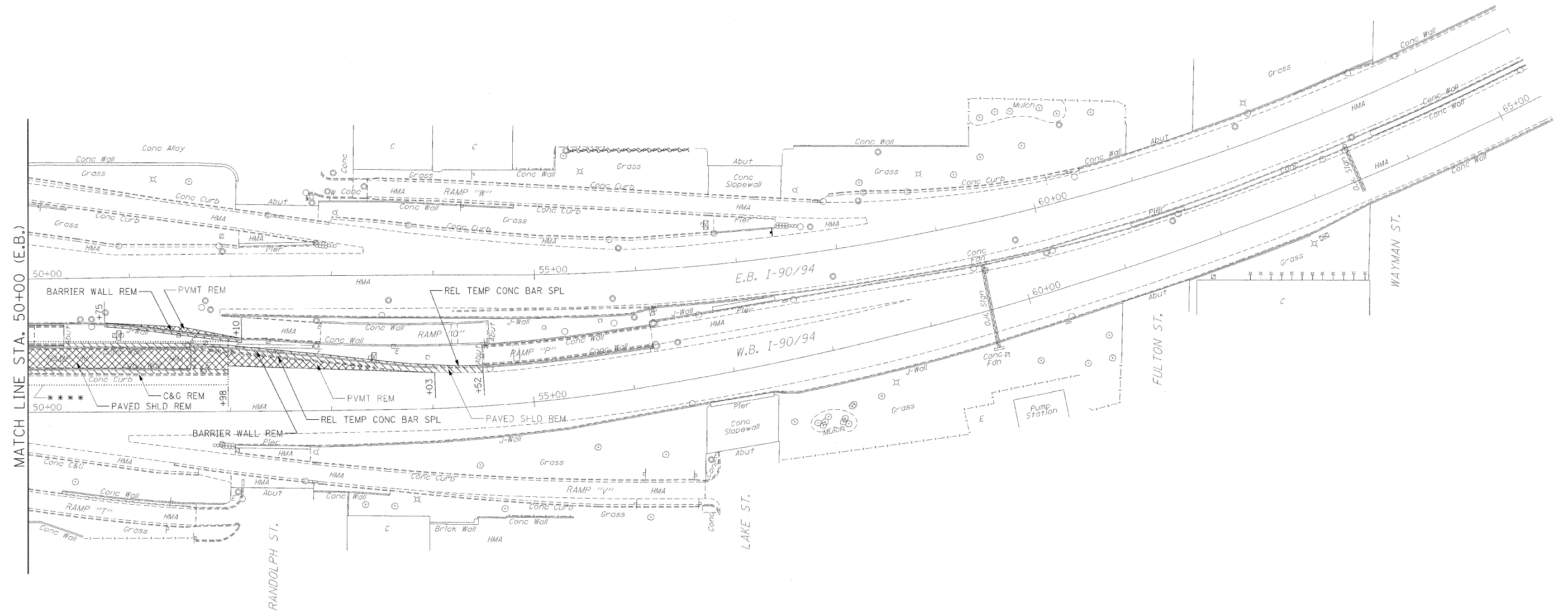
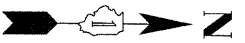
NOTE:
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING/REMOVAL PLAN
I-90/94 KENNEDY EXPRESSWAY
STA. 35+00 TO STA. 50+00
SCALE : 1" = 50'
DATE : 02/27/09
DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	17
STA. 50+00		TO STA. 65+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

LEGEND

	HMA SURFACE REMOVAL 2"		PAVEMENT REMOVAL
	HMA SURFACE REMOVAL 1 1/2"		RETAINING WALL REMOVAL
	PAVED SHOULDER REMOVAL		TREE REMOVAL, DIAMETER



**** REMOVAL OF EXISTING STRUCTURE NO. 4

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING/REMOVAL PLAN

I-90/94 KENNEDY EXPRESSWAY

STA. 50+00 TO STA. 65+00

SCALE : 1" = 50' DRAWN BY : BEC
DATE : 02/27/09 CHECKED BY : GB

PLAN	DATE	BY
SURVEYED		
ALIGNED		
CHECKED		
CAD FILE NAME		
NO.		

PROFILE	DATE	BY
SURVEYED		
GRADES CHECKED		
BY NOTE		
STRUCTURE NOTATION		
NO.		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	10202.6-2P, ETC, 1415 & 1517R-7	COOK	246	18
STA. 20+00		TO STA. 35+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

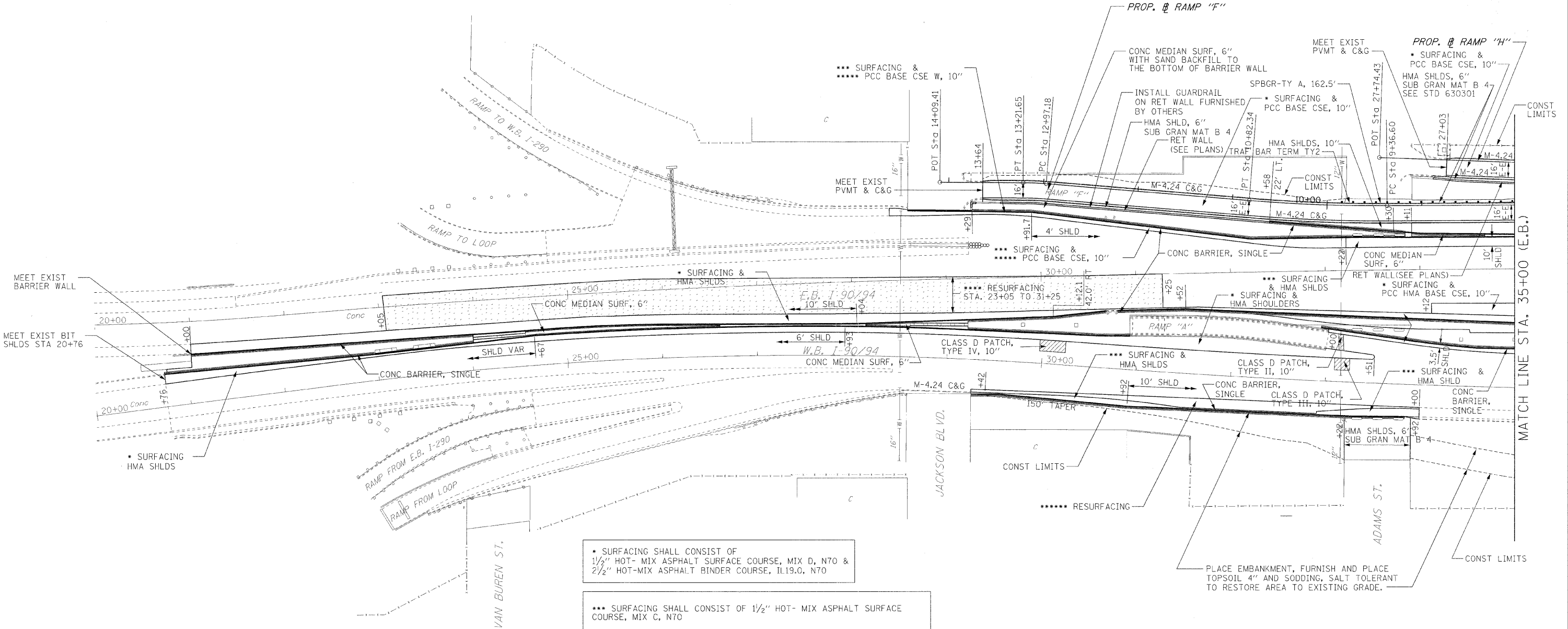
LEGEND

HMA RESURFACING 2"



PLAN	DATE	BY
SURVEYED		
ALIGNED		
CHECKED		
NO. OF SHEETS		
NO. OF SHEETS		
NO. OF SHEETS		

PROFILE	DATE	BY
SURVEYED		
GRADES CHECKED		
STRUCTURE NOTATIONS		
NO. OF SHEETS		
NO. OF SHEETS		
NO. OF SHEETS		



• SURFACING SHALL CONSIST OF
1 1/2" HOT- MIX ASPHALT SURFACE COURSE, MIX D, N70 &
2 1/2" HOT-MIX ASPHALT BINDER COURSE, IL19.0, N70

*** SURFACING SHALL CONSIST OF 1 1/2" HOT- MIX ASPHALT SURFACE
COURSE, MIX C, N70

**** RESURFACING SHALL CONSIST OF
2 " POLIMERIZED HOT- MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80

***** CONC. BARRIER MUST BE SECURED
TO BASE WITH DOWEL BARS IN THE
AREA OF THE PCC BASE COURSE.
(STA. 29+29 TO STA. 32+50)

***** RESURFACING SHALL CONSIST OF 1 1/2" HOT- MIX ASPHALT SURFACE COURSE,
MIX C, N70

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN

I-90/94 KENNEDY EXPRESSWAY

STA. 20+00 TO STA. 35+00

SCALE : 1" = 50'

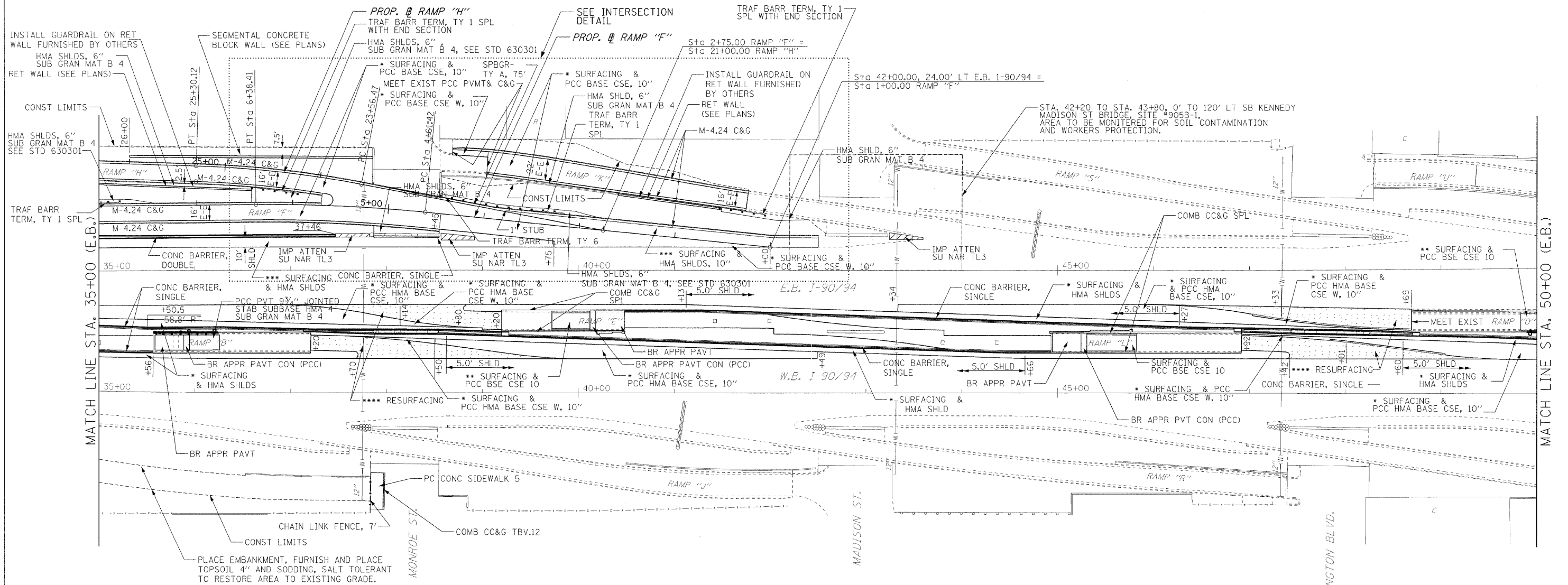
DATE : 02/06/09

DRAWN BY : BEC

CHECKED BY : GB

LEGEND

HMA RESURFACING 1 1/2"



• SURFACING SHALL CONSIST OF
1 1/2" HOT- MIX ASPHALT SURFACE COURSE, MIX D, N70 &
2 1/2" HOT- MIX ASPHALT BINDER COURSE, IL19.0, N70

• SURFACING SHALL CONSIST OF
1 1/2" HOT- MIX ASPHALT SURFACE COURSE, MIX D, N70 &
1 1/2" HOT- MIX ASPHALT BINDER COURSE, IL19.0, N70

• SURFACING SHALL CONSIST OF 1 1/2" HOT- MIX ASPHALT SURFACE
COURSE, MIX C, N70

• RESURFACING SHALL CONSIST OF
1 1/2" HOT- MIX ASPHALT SURFACE COURSE, MIX D, N70

NOTE:
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL
FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND
STORAGE TANK (LUST) CLEANUPS OR THAT IS PREQUALIFIED IN HAZARDOUS
WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND
MONITOR FOR WORKER PROTECTION.

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN

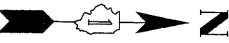
I-90/94 KENNEDY EXPRESSWAY

STA. 35+00 TO STA. 50+00

SCALE : 1" = 50'
DATE : 02/06/09

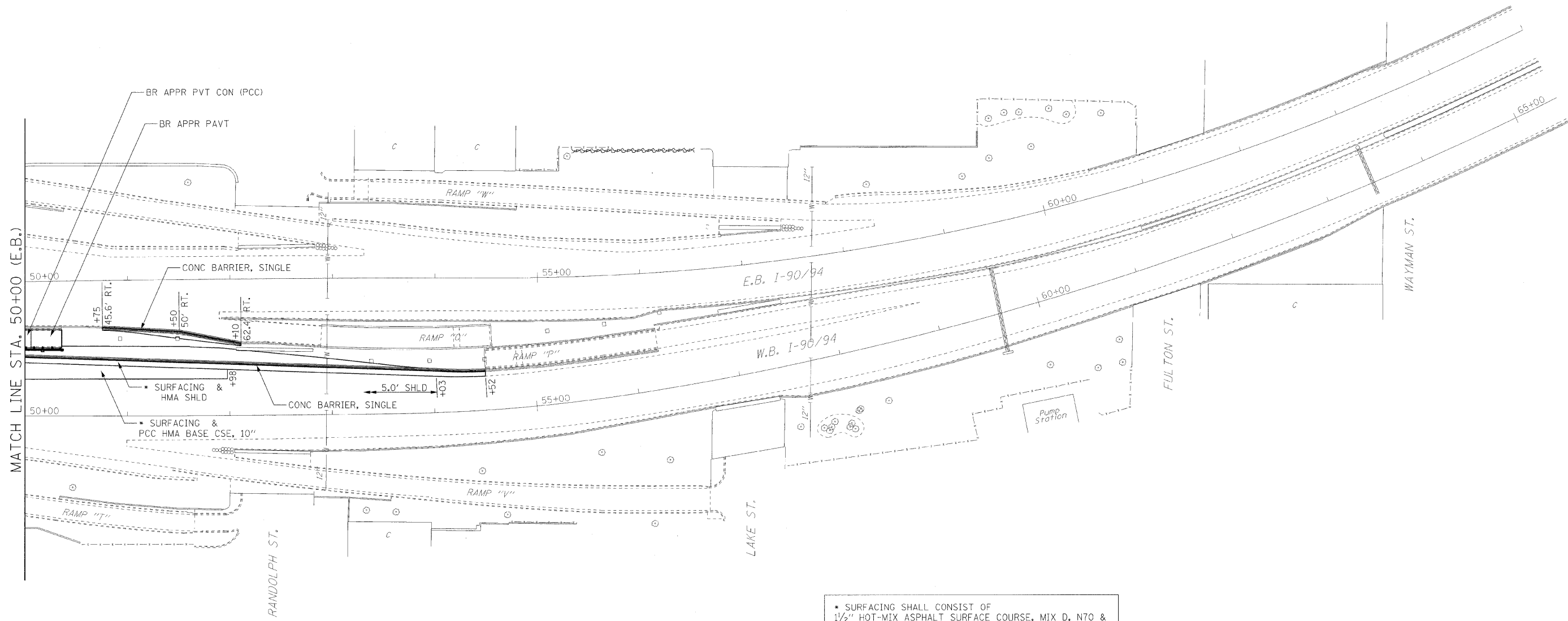
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	10202.6-2P, ETC, 1415 & 1517R-7	COOK	246	20
STA. 50+00		TO STA. 65+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				



PLAN	DATE
SURVEYED	BY
NOTE BOOK	
NO.	

PROFILE	DATE
SURVEYED	BY
NOTE BOOK	
NO.	



• SURFACING SHALL CONSIST OF
1 1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 &
2 1/2" HOT-MIX ASPHALT BINDER COURSE, IL19.0, N70

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PLAN
I-90/94 KENNEDY EXPRESSWAY
STA. 50+00 TO STA. 65+00
SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

F&E P.L.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	21
STA.		TO STA.		
F&E ROAD DIST. NO.	MILES		F&E AID PROJECT	MILES
CONTRACT NO. 62408				

FINAL	SURVEY	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
AREAS	CHECKED	
NO.		

ORIGINAL	SURVEY	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
AREAS	CHECKED	
NO.		

600

595

590

585

580

575

570

565

560

595

590

585

580

575

570

565

560

RAMP H (Adams)

595

590

585

580

575

570

565

560

595

590

585

580

575

570

565

560

RAMP F (Jackson)

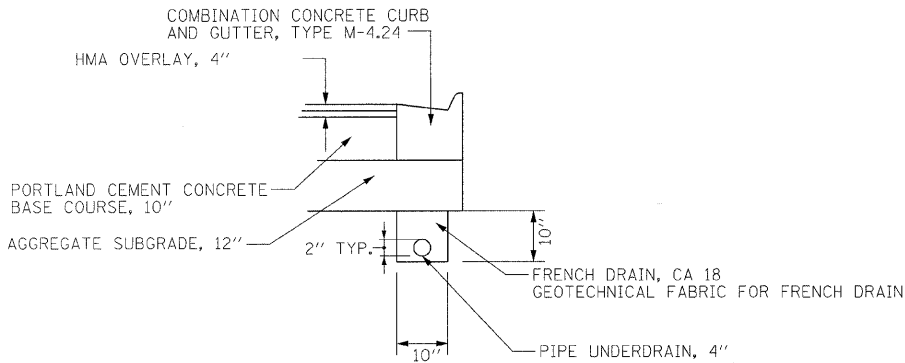


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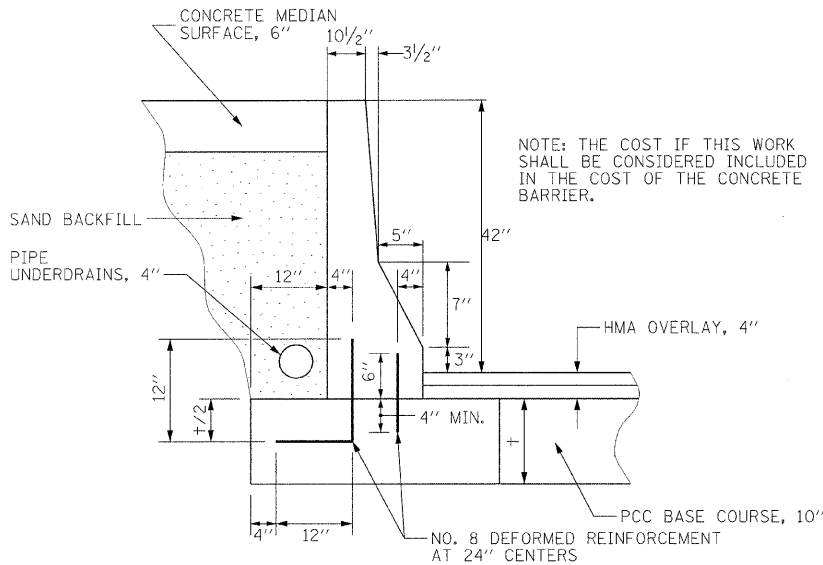
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90/94	0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

DATE	BY	REVIEWED	DATE
		DESIGNED	
		CHECKED	
		IN CHARGE	
PLAN	NO.	NO.	NO.

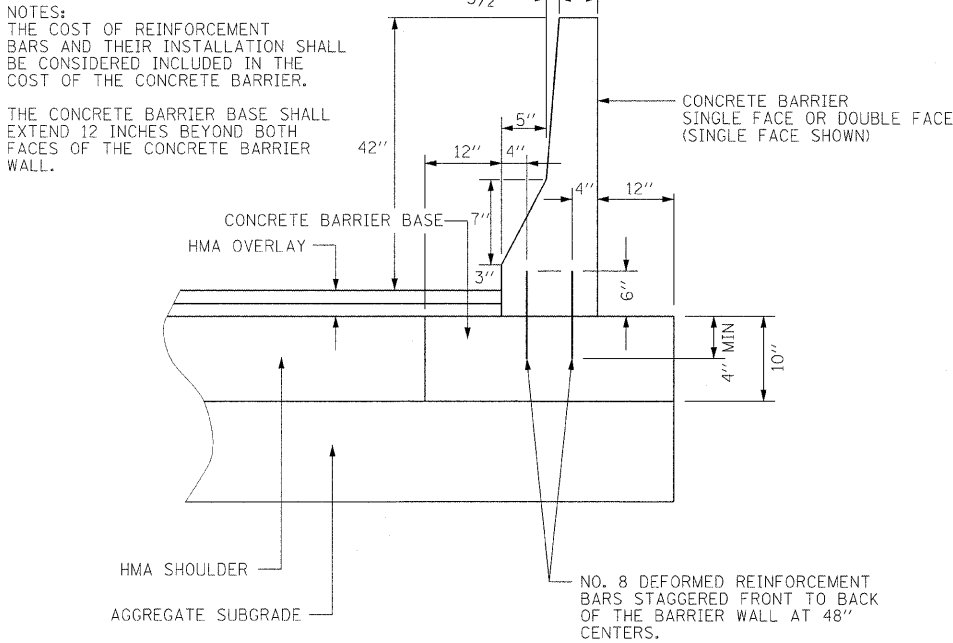
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		DESIGNED	
		CHECKED	
		IN CHARGE	
PROFILE	NO.	NO.	NO.



UNDERDRAIN DETAIL

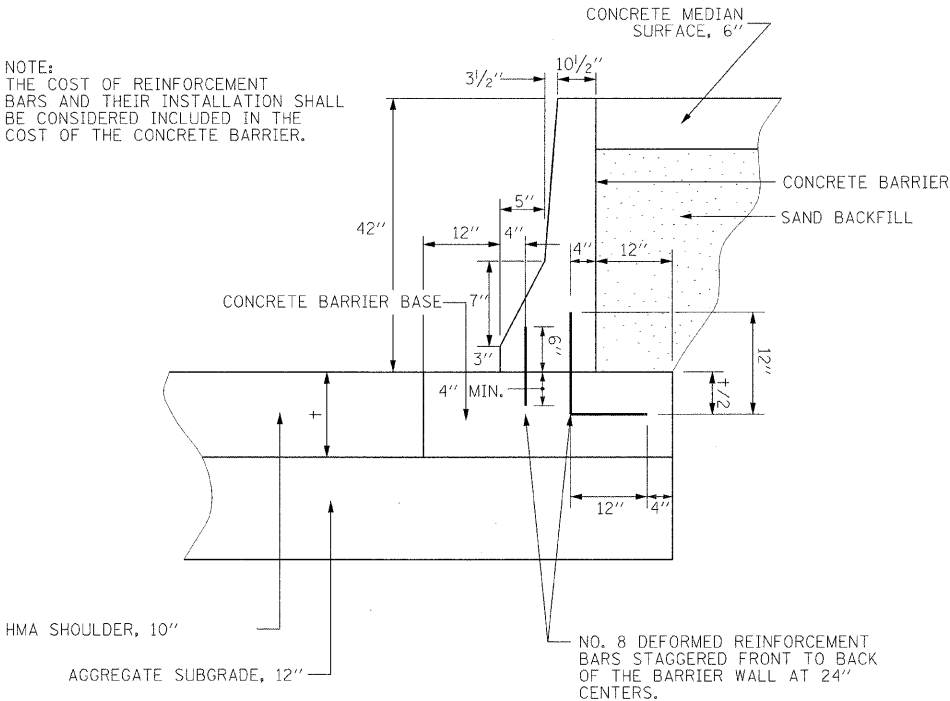


TIE CONCRETE SINGLE BARRIER TO PCC BASE
E.B. - STA. 29+29 TO STA 33+00

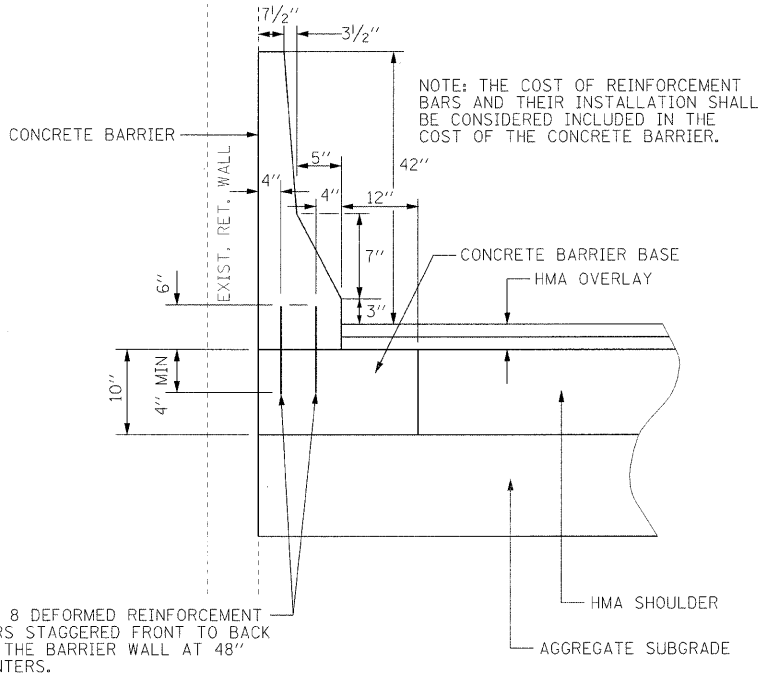


TYPICAL CONCRETE BARRIER BASE DETAIL

NOTE:
THE COST OF REINFORCEMENT
BARS AND THEIR INSTALLATION SHALL
BE CONSIDERED INCLUDED IN THE
COST OF THE CONCRETE BARRIER.

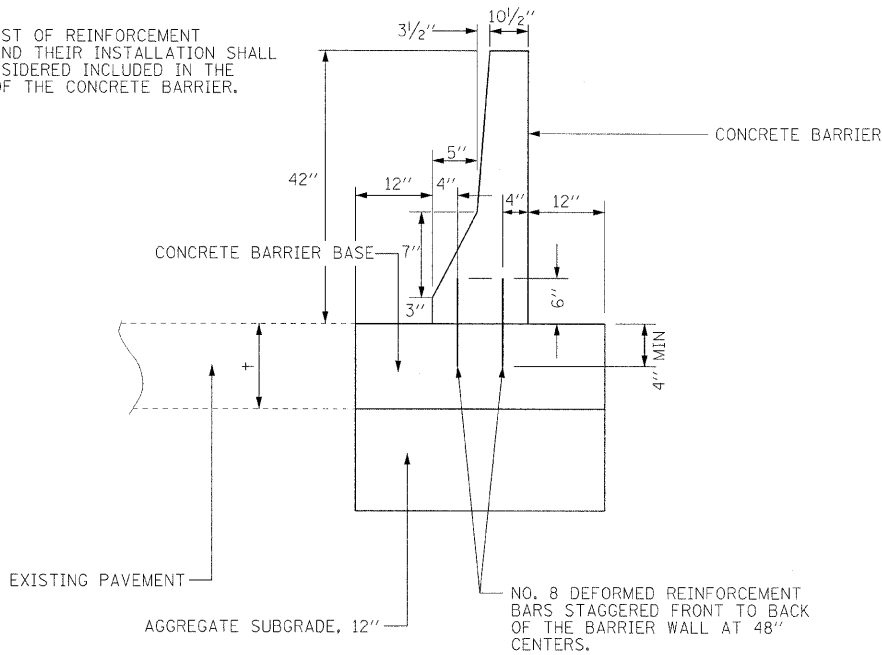


CONCRETE BARRIER BASE DETAIL

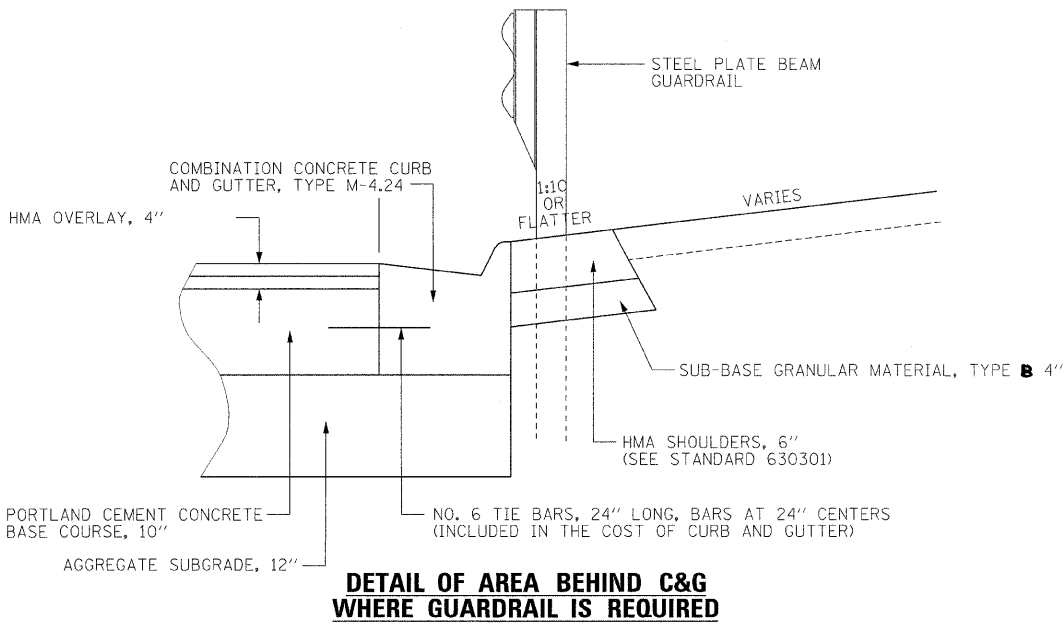


**CONCRETE BARRIER BASE DETAIL
ADJACENT TO RAMP/PIERS**

NOTE:
THE COST OF REINFORCEMENT
BARS AND THEIR INSTALLATION SHALL
BE CONSIDERED INCLUDED IN THE
COST OF THE CONCRETE BARRIER.

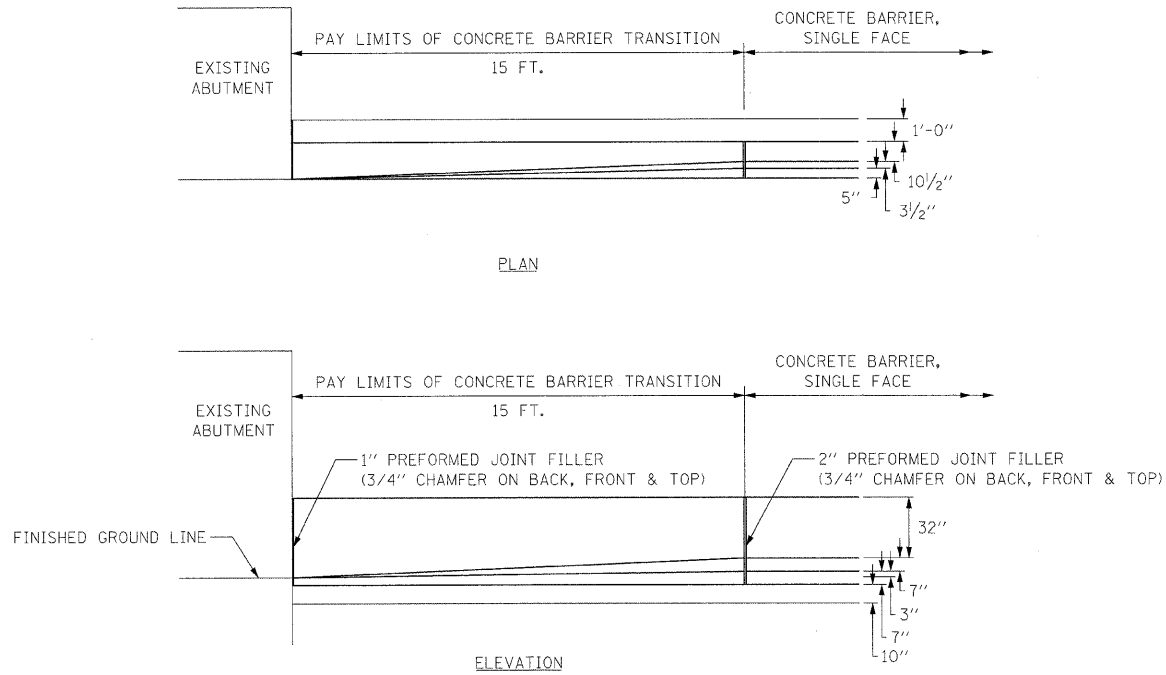


CONCRETE BARRIER BASE DETAIL
EB - STA. 50+75 TO STA. 52+10

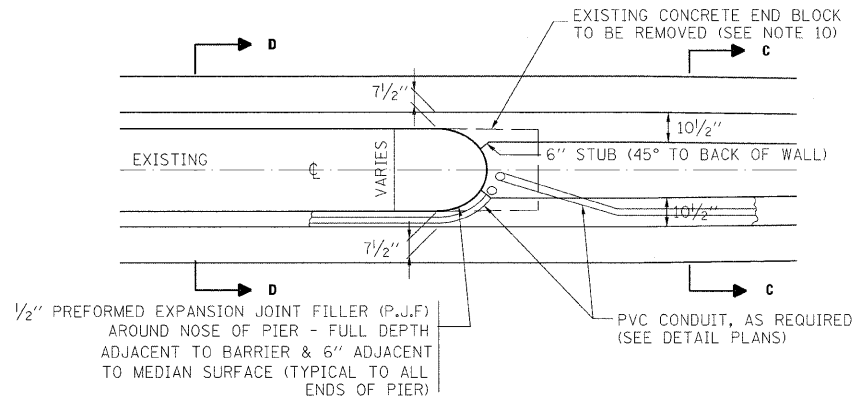
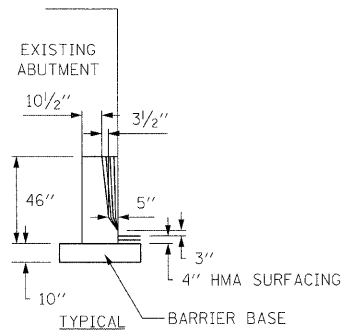


**DETAIL OF AREA BEHIND C&G
WHERE GUARDRAIL IS REQUIRED**

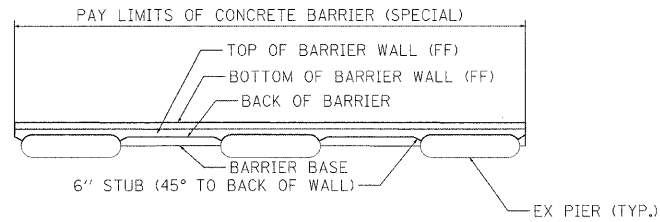
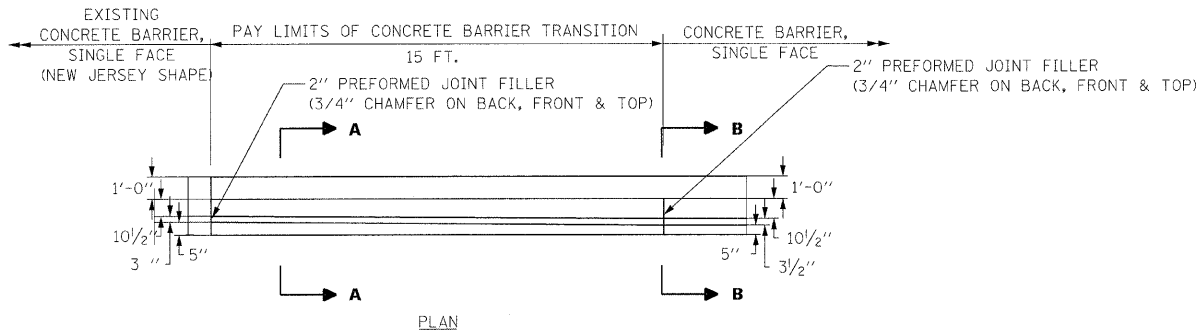
ILLINOIS DEPARTMENT OF TRANSPORTATION			
MISCELLANEOUS DETAILS			
I-90/94 KENNEDY EXPRESSWAY			
SCALE : NTS	DRAWN BY : BEC		
DATE : 02/06/09	CHECKED BY : GB		



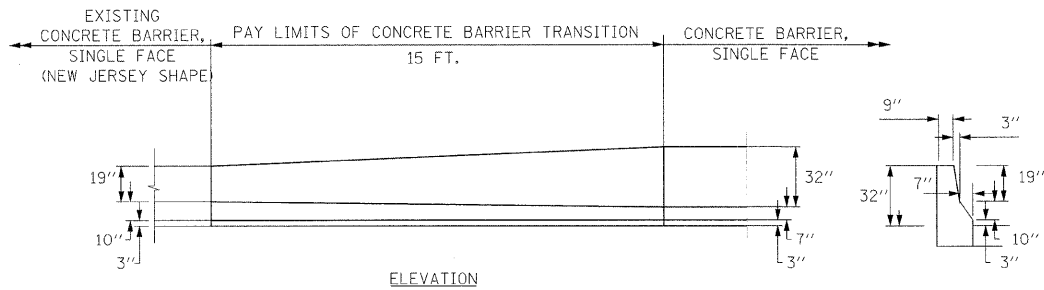
TYPICAL BARRIER TRANSITION TO ABUTMENT



TYPICAL END OF THE PIER DETAIL

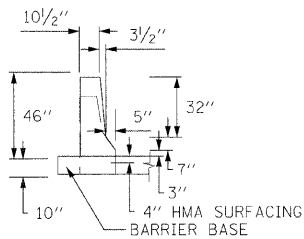


CONCRETE BARRIER (SPECIAL)



TYPICAL BARRIER TRANSITION TO EXISTING BARRIER

SECTION A - A



SECTION B - B

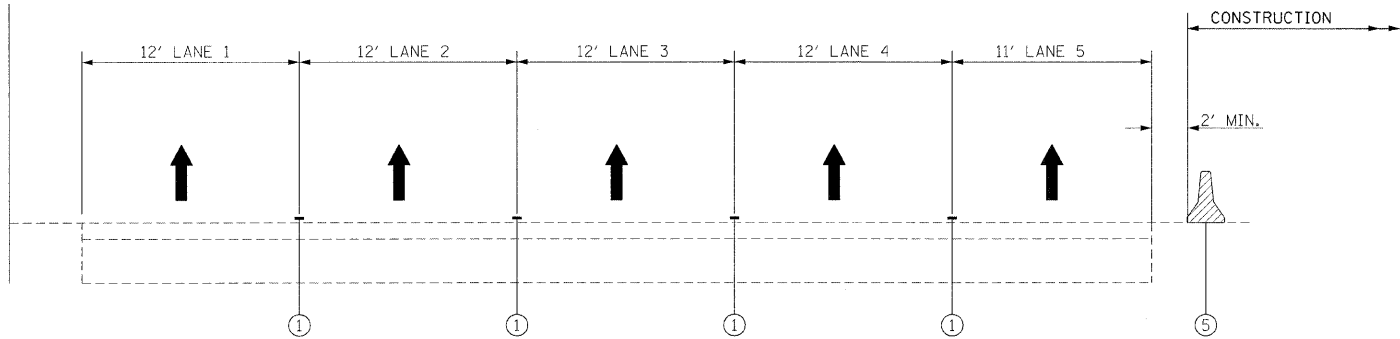
REVISIONS		DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME			
			CONCRETE BARRIER DETAILS I-90/94 KENNEDY EXPRESSWAY SCALE : NTS DATE : 02/06/09
			DRAWN BY : BEC CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	25
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 62408	

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	BY
NO.	RT. OF WAY CHECKED	
	PAID FILE NAME	

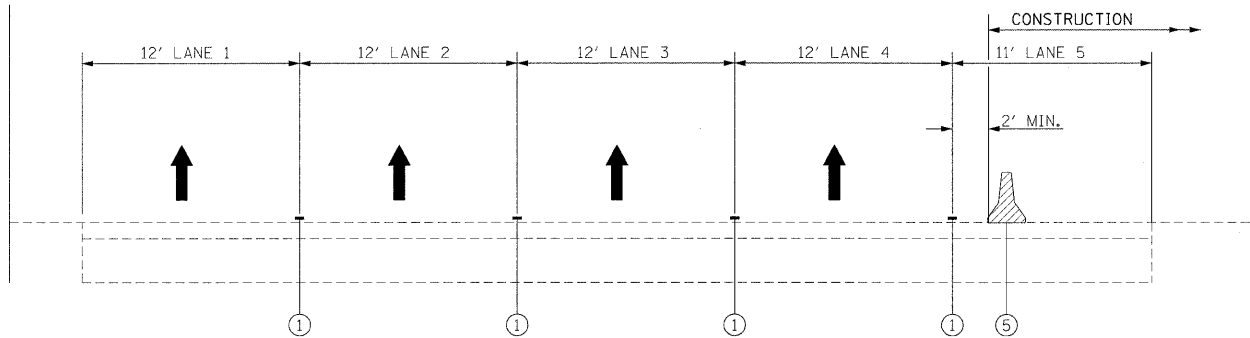
PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	PAID FILE NAME	

SYMM. ABOUT MEDIAN



STAGE 1 - EASTBOUND

SYMM. ABOUT MEDIAN



STAGE 1 - EASTBOUND
LANE CLOSURE

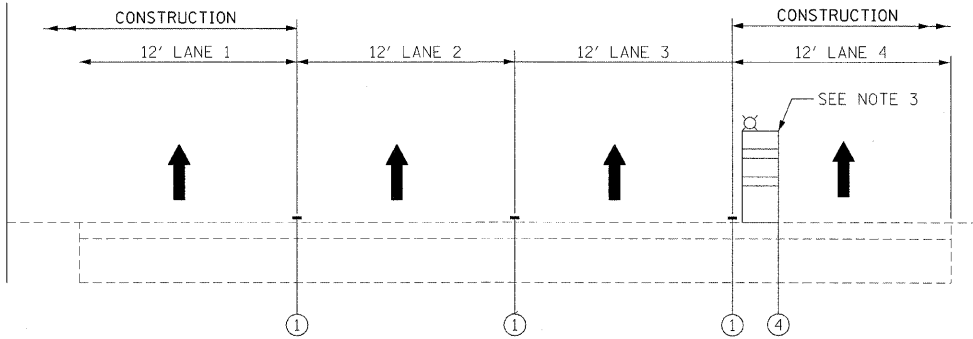
STAGE 1 CONSTRUCTION

- REMOVE RAMPS F, H, G & K.
- CONSTRUCT RETAINING WALLS FOR RAMPS F, H & K.
- CONSTRUCT SEGMENTAL CONCRETE BLOCK WALL FOR RAMP H.
- CONSTRUCT STORM SEWER FOR RAMPS F, H & K.
- CONSTRUCT RAMPS F, H & K.
- CONSTRUCT BARRIER WALL ALONG OUTSIDE OF WB I-90/94.
- CONSTRUCT SHOULDER AND CONCRETE BARRIER ALONG OUTSIDE OF EB I-90/94.
- INSTALL GUARDRAIL AND IMPACT ATTENUATORS.
- CLEAN DRAINAGE STRUCTURES ALONG OUTSIDE OF EB AND WB LANES OF I-90/94.
- CONSTRUCT PERMANENT PAVEMENT MARKINGS ON RAMPS F, H & K AND ALONG THE MAINLINE WHERE THE PERMANENT PAVEMENT MARKINGS DO NOT INTERFERE WITH FUTURE STAGING.

STAGE 1 TRAFFIC

- EASTBOUND I-90/94:
- CLOSE OUTSIDE SHOULDER IN ACCORDANCE WITH DISTRICT DETAIL TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES.
 - CLOSE RAMP K IN ACCORDANCE WITH DISTRICT DETAIL FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS.
 - RAMPS F & H WILL BE CLOSED WITH THE SHOULDER CLOSURE.
- EASTBOUND I-90/94 LANE CLOSURE:
- SHIFT TEMPORARY CONCRETE BARRIER TO CLOSE LANE 5 (RIGHT TURN ONLY LANE) IN ACCORDANCE WITH STANDARD 701400, APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY, AND STANDARD 701402, LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER.
 - RAMPS F AND H WILL BE CLOSED WITH THE LANE CLOSURE.
- WESTBOUND I-90/94:
- CLOSE OUTSIDE SHOULDER IN ACCORDANCE WITH DISTRICT DETAIL TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES.
 - CLOSE THE SIDEWALK ON MONROE ST IN ACCORDANCE WITH STANDARD 701801, LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE.
- USE STANDARD 701426, LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS $\geq$ 45 MPH FOR CLEANING DRAINAGE STRUCTURES LOCATED AWAY FROM THE CONSTRUCTION AREA.

SYMM. ABOUT MEDIAN



STAGE 1 - WESTBOUND

LEGEND

- ① EXISTING PAVEMENT MARKING
- ② PAVEMENT MARKING TAPE TYPE III
- ③ PERMANENT PAVEMENT MARKING
- ④ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- ⑤ TEMPORARY CONCRETE BARRIER WALL

STAGE 1 NOTES

1. STAGE 1 LANE CLOSURE SHALL ONLY BE USED FOR THE FOLLOWING OPERATIONS, AT WHICH TIME THE LANE CLOSURE SHALL ONLY BE IN PLACE FOR A MAXIMUM OF SEVEN DAYS FOR THE OPERATION TO BE COMPLETED:
 - DRIVING PILES REQUIRED FOR THE CONSTRUCTION OF THE RETAINING WALLS
 - CONSTRUCTION OF THE SHOULDER ALONG EB I-90/94THE MAINTENANCE OF TRAFFIC SHALL BE PER STAGE 1 FOR ALL OTHER OPERATIONS.
2. ALL CONSTRUCTION SHALL BE DONE AT NIGHT, IN ACCORDANCE WITH THE SPECIAL PROVISIONS, UNLESS CONSTRUCTED BEHIND TEMPORARY CONCRETE BARRIER WALL.
3. TEMPORARY CLOSURE OF OUTSIDE WESTBOUND LANE PERMITTED FOR REMOVAL OF RAMP G AND CONSTRUCTION OF PROPOSED CURB, GUTTER AND SHOULDER. LANE CLOSURE LIMITED TO FIVE (5) NIGHTTIME CLOSURES ONLY.
4. ALL SIGN LOCATIONS, MOUNTINGS AND WORDING SHALL BE VERIFIED WITH THE BUREAU OF TRAFFIC PRIOR TO INSTALLATION. ALL POSTED SPEED LIMITS SHOWN ON STATE HIGHWAY STANDARDS SHOULD BE VERIFIED WITH THE BUREAU OF TRAFFIC PRIOR TO INSTALLATION.
5. AT LOCATIONS WHERE EXISTING CURB AND GUTTER INTERFERES WITH THE INSTALLATION OF THE TEMPORARY CONCRETE BARRIER WALL THE CURB AND GUTTER SHALL BE MILLED SO THAT THE TEMPORARY CONCRETE BARRIER MAY BE INSTALLED PROPERLY. THIS WORK SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER.
6. ALL EXCAVATIONS ALONG WESTBOUND I-90/94 SHALL BE FILLED WHENEVER WORKERS ARE NOT PRESENT. THIS WORK SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED WITH THE ITEM OF WORK BEING CONSTRUCTED.

ILLINOIS DEPARTMENT OF TRANSPORTATION

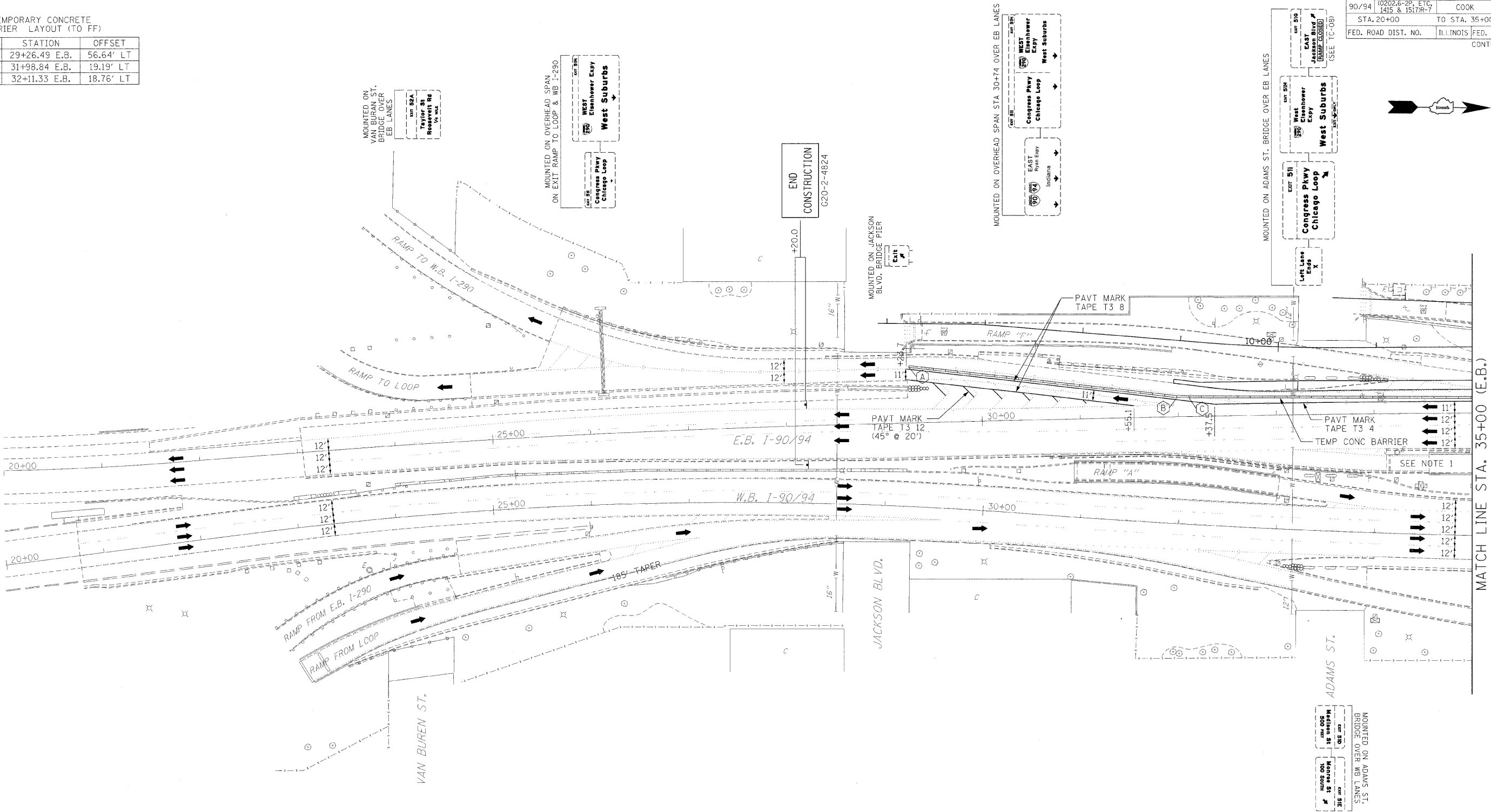
MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
SEQUENCE OF OPERATIONS
STA. TO STA.

SCALE : 1" = NTS
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

LOCATION	STATION	OFFSET
A	29+26.49 E.B.	56.64' LT
B	31+98.84 E.B.	19.19' LT
C	32+11.33 E.B.	18.76' LT

PLAN	SURVEYED _____	BY _____	DATE _____
	NOTE BOOK NO. _____		
	PLOTTED _____		
	ALIGNMENT CHECKED _____		
	R/S. OF WAY CHECKED _____		
	CADD FILE NAME _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK	GRADES CHECKED	
	NO.	B.M. NOTED	
		STRUCTURE NO-AT-NS CH'D	



MOUNTED ON OVERHEAD SPAN
AT TOP OF WB I-290 RAMP

WEST Kennedy Expy
Wisconsin

WORK ZONE SPEED LIMIT SIGN ASSEMBLY,
SIGNS W2-1115(0)-3618, R2-1-3648, W2-1113(0)-3612,
AND R2-1106-3618, AS SHOWN ON STANDARD
701402 SHALL NOT BE PLACED

NOTES:
1.) THE ELEVATED PORTION OF RAMP HAS
ALREADY BEEN REMOVED AND THE
RETAINED EARTH PORTION IS ALL
THAT REMAINS.

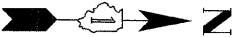
- LEGEND
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
 - ARROW BOARD
 - SIGN
 - CONSTRUCTION AREA

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
STAGE 1 LANE CLOSURE
STA. 20+00 TO STA. 35+00

SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

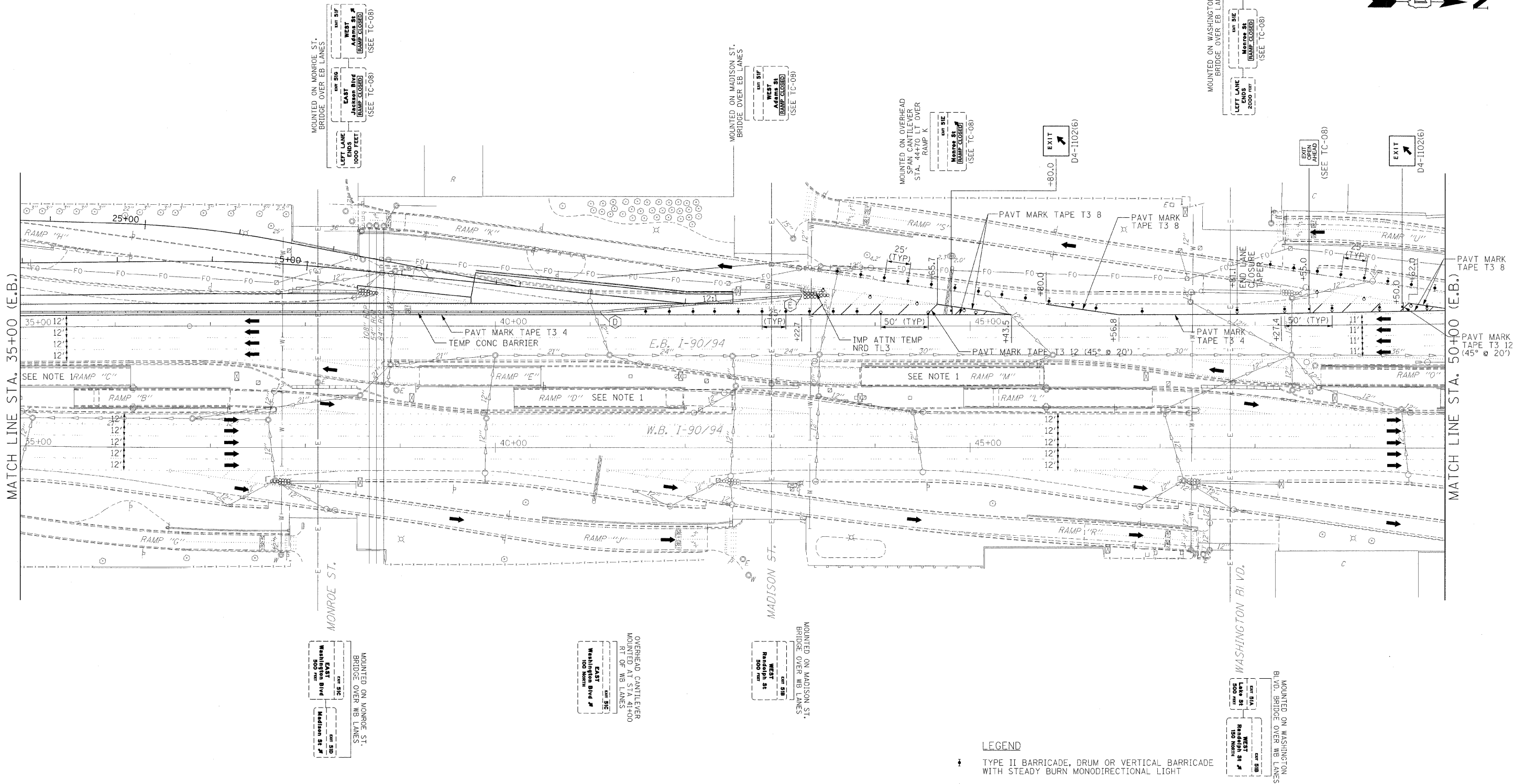
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	02026-2P, ETC, 1415 & 1517R-7	COOK	246	27
STA. 35+00		TO STA. 50+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				



TEMPORARY CONCRETE BARRIER LAYOUT (TO FF)		
LOCATION	STATION	OFFSET
D	41+10.98 E.B.	14.00' LT
E	43+22.74 E.B.	31.65' LT

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

PROFILE	DATE	BY
SURVEYED		
DESIGNED		
ALIGNED		
CHECKED		
RT. OF WAY		
CHECKED		
NO. FILE		



NOTES:
1.) THE ELEVATED PORTION OF RAMP HAS ALREADY BEEN REMOVED AND THE RETAINED EARTH PORTION IS ALL THAT REMAINS.

- LEGEND
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
 - ARROW BOARD
 - SIGN
 - CONSTRUCTION AREA

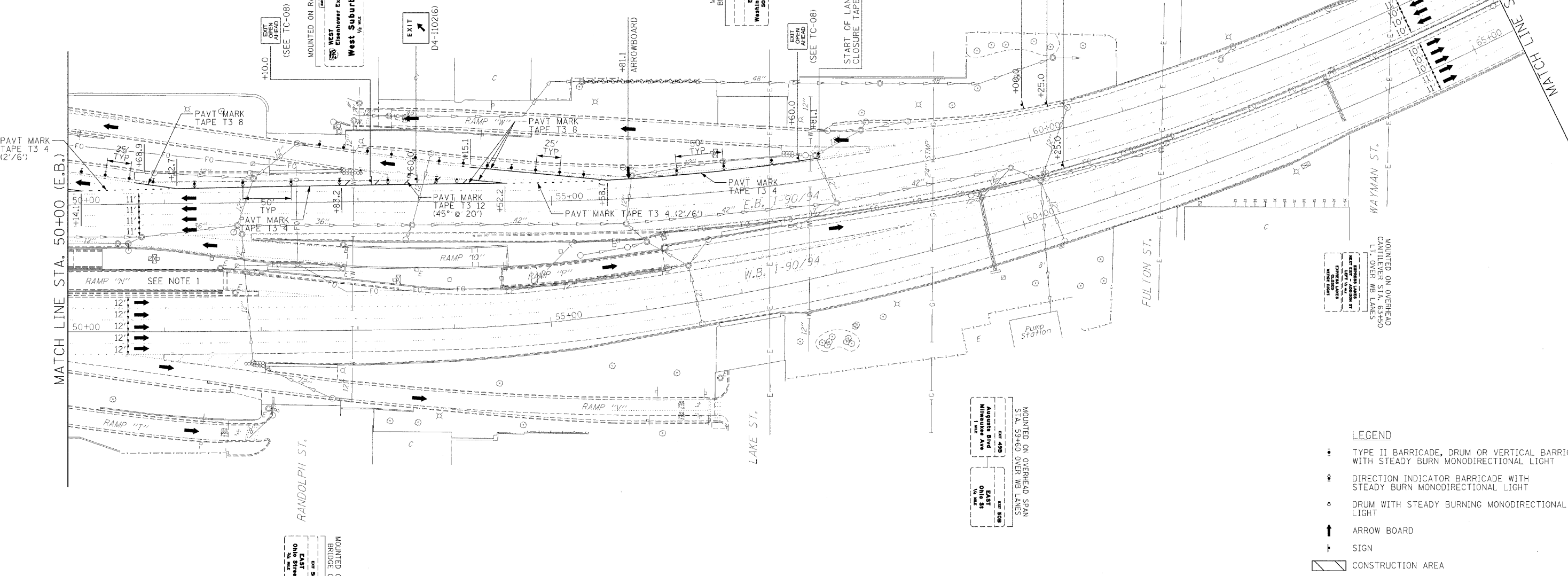
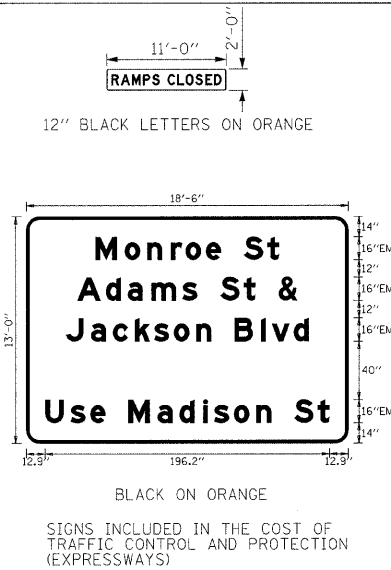
ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
STAGE 1 LANE CLOSURE
STA. 35+00 TO STA. 50+00

SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	28
STA. 50+00 TO STA. 65+00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

PLAN	DATE	BY
DESIGNED		
NOTED		
CHECKED		
DATE		

PROFILE	DATE	BY
DESIGNED		
NOTED		
CHECKED		
DATE		



- LEGEND
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
 - ARROW BOARD
 - SIGN
 - CONSTRUCTION AREA

NOTES:
1.) THE ELEVATED PORTION OF RAMP HAS ALREADY BEEN REMOVED AND THE RETAINED EARTH PORTION IS ALL THAT REMAINS.

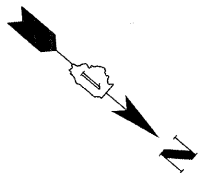
ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC

I-90/94 KENNEDY EXPRESSWAY
STAGE 1 LANE CLOSURE
STA. 50+00 TO STA. 65+00

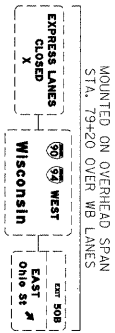
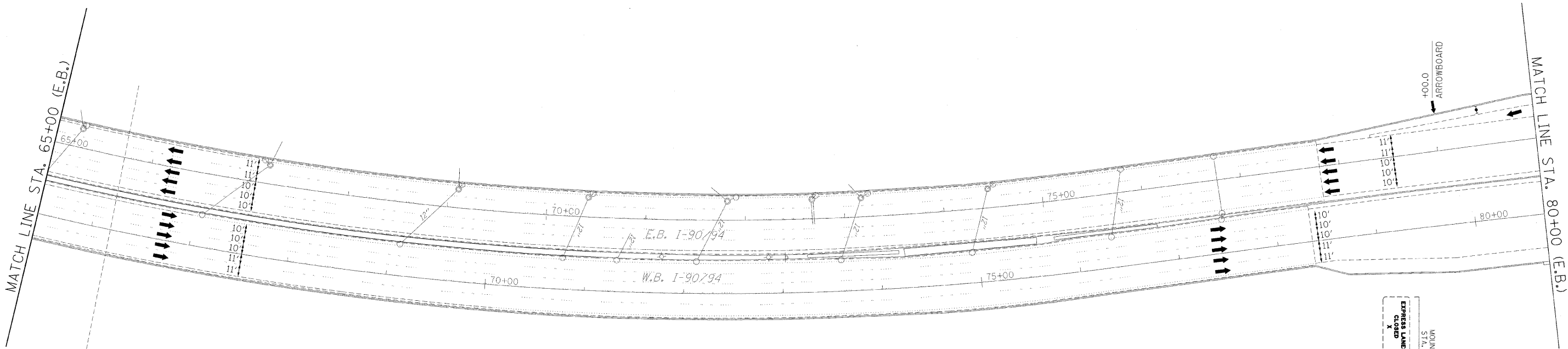
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DATE : 02/27/09
DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	001.6 (IP.2P) & 0202.6 (IP) ET AL	COOK	246	29
STA. 65+00		TO STA. 80+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN	DATE	BY
SURVEYED		
ALIGNED		
RT. OF WAY CHECKED		
PAV. FILE NAME		

PROFILE	DATE	BY
SURVEYED		
GRADES CHECKED		
PAV. FILE NAME		



- LEGEND
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
 - ARROW BOARD
 - SIGN
 - CONSTRUCTION AREA

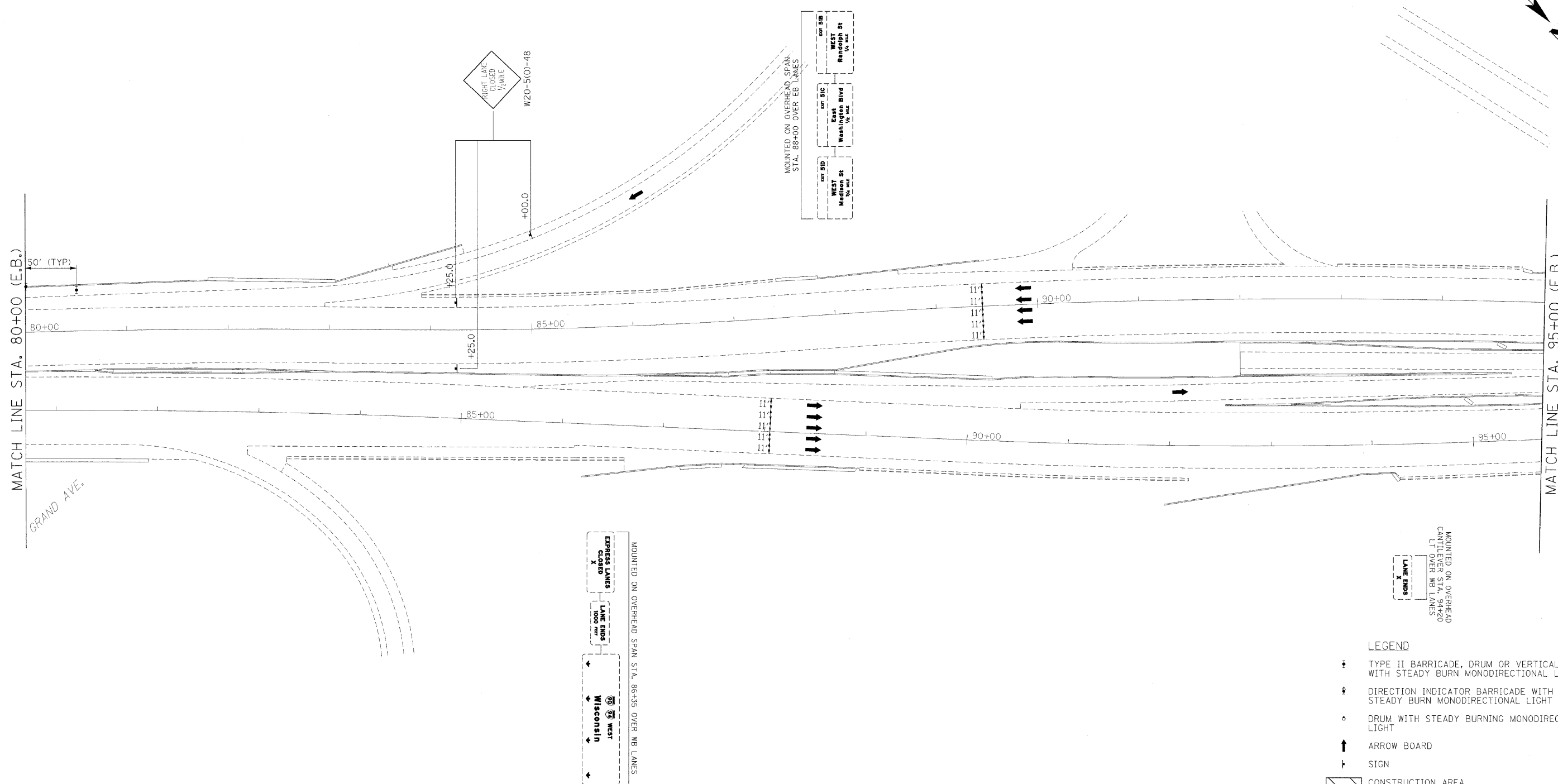
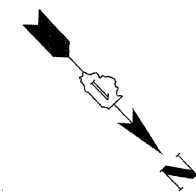
ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC

I-90/94 KENNEDY EXPRESSWAY
STAGE 1 LANE CLOSURE
STA. 65+00 TO STA. 80+00

SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(101.6 (1P,2P) & 0202.6 (1P) ET AL	COOK	246	30
STA. 80+00		TO STA. 95+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- | | |
|---|---|
|  | TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE
WITH STEADY BURN MONODIRECTIONAL LIGHT |
|  | DIRECTION INDICATOR BARRICADE WITH
STEADY BURN MONODIRECTIONAL LIGHT |
|  | DRUM WITH STEADY BURNING MONODIRECTIONAL
LIGHT |
|  | ARROW BOARD |
|  | SIGN |
|  | CONSTRUCTION AREA |

ILLINOIS DEPARTMENT OF TRANSPORTATION

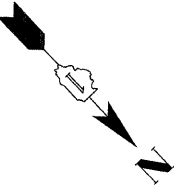
MAINTENANCE OF TRAFFIC

I-90/94 KENNEDY EXPRESSWAY
STAGE 1 LANE CLOSURE
STA. 80+00 TO STA. 95+00

SCALE : 1" = 50'
DATE : 02/06/09

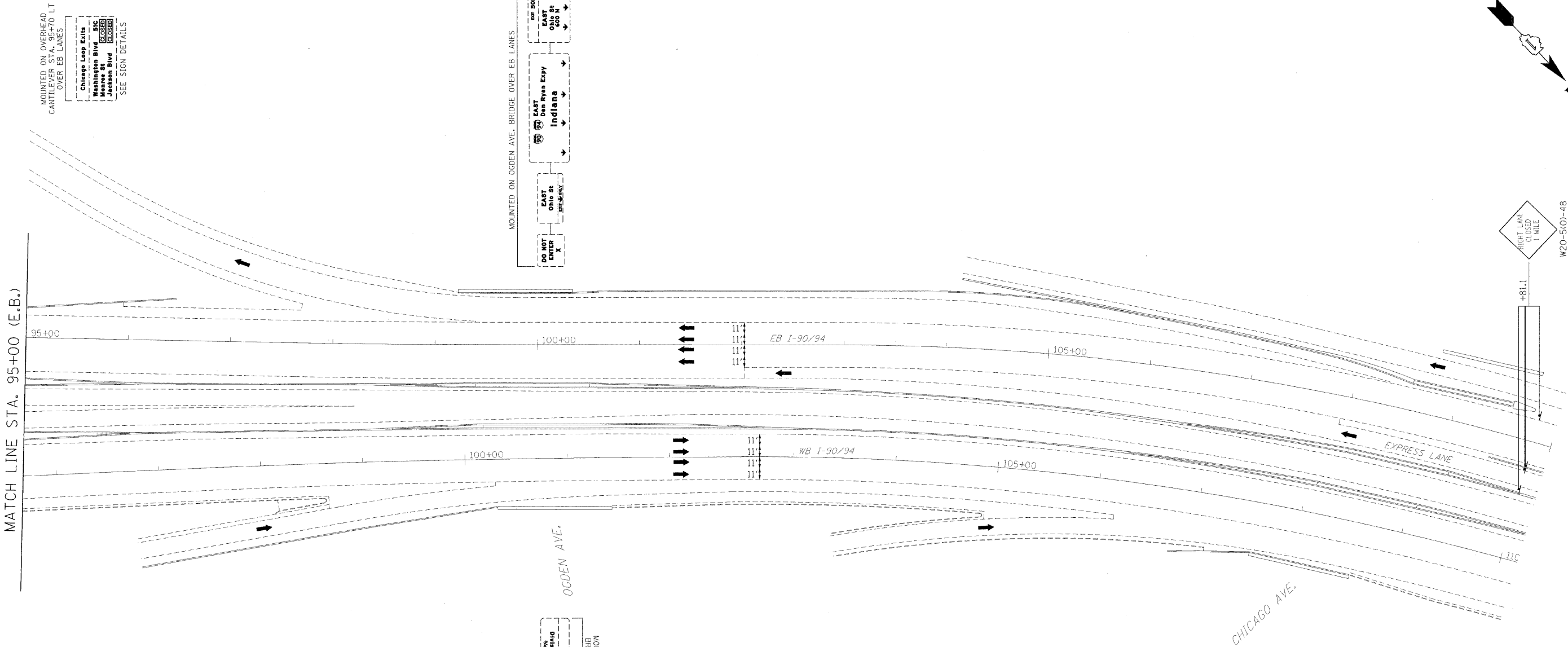
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CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(101.6 (IP,2P) & 0202.6 (IP) ET AL	COOK	246	31
STA. 95+00		TO STA. 110+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN	SURVEYED	BY	DATE
ALIGNED			
RT. OF WAY CHECKED			
DATE FILE NAME			

PROFILE	SURVEYED	BY	DATE
ALIGNED			
RT. OF WAY CHECKED			
DATE FILE NAME			



MOUNTED ON OVERHEAD
CANTILEVER STA. 95+70 LT
OVER EB LANES

Chicago Loop Exit
Washington Blvd
Jackson Blvd
SEE SIGN DETAILS

MOUNTED ON OGDEN AVE. BRIDGE OVER EB LANES

DO NOT ENTER

EAST Ohio St

EAST Dan Ryan Expy
Indiana

EAST Ohio St

MOUNTED ON OGDEN AVE.
BRIDGE OVER WB LANES

15' 0" 15' 0" 15' 0"

15' 0" 15' 0" 15' 0"

RIGHT LANE
CLOSED
1 MILE

W20-500-48

LEGEND

- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
- ARROW BOARD
- SIGN

CONSTRUCTION AREA

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
STAGE 1 LANE CLOSURE
STA. 95+00 TO STA. 110+00

SCALE : 1" = 50'
DATE : 02/06/09

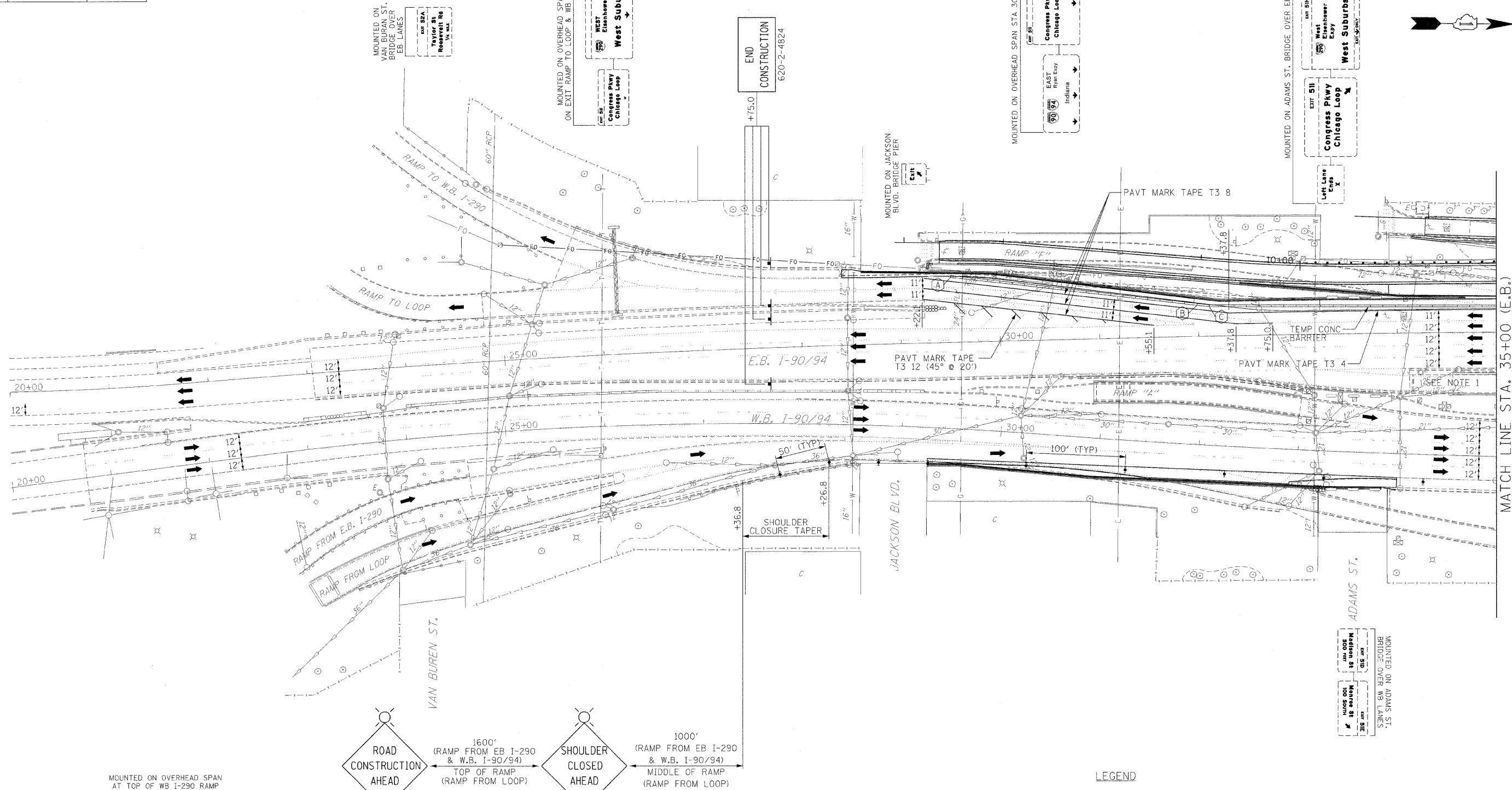
DRAWN BY : BEC
CHECKED BY : GB

PLAN	DATE	BY
DESIGNED		
CHECKED		
NOTED		
FILED		
NO.		

PROFILE	DATE	BY
DESIGNED		
CHECKED		
NOTED		
FILED		
NO.		

LOCATION	STATION	OFFSET
A	29+51.18 E.B.	65.35' LT
B	31+98.73 E.B.	31.31' LT
C	32+11.12 E.B.	29.77' LT

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	32
STA. 20+00	TO STA. 35+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		CONTRACT NO. 62408		



MOUNTED ON OVERHEAD SPAN
AT TOP OF WB I-290 RAMP

WEST Kennedy Expy
Wisconsin

ROAD
CONSTRUCTION
AHEAD

W20-1(O)-48

1600'
(RAMP FROM EB I-290
& W.B. I-90/94)
TOP OF RAMP
(RAMP FROM LOOP)

SHOULDER
CLOSED
AHEAD

W21-5bR-48

1000'
(RAMP FROM EB I-290
& W.B. I-90/94)
MIDDLE OF RAMP
(RAMP FROM LOOP)

- NOTES:
1. THE ELEVATED PORTION OF RAMP HAS ALREADY BEEN REMOVED AND THE RETAINED EARTH PORTION IS ALL THAT REMAINS.
 2. DROP OFFS ALONG WB I-90/94 SHALL REMAIN LESS THAN 18" AT ALL TIMES.

LEGEND

- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
- ARROW BOARD
- SIGN
- CONSTRUCTION AREA

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC

I-90/94 KENNEDY EXPRESSWAY
STAGE 1

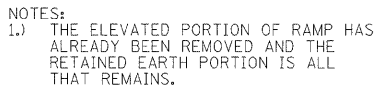
STA. 20+00 TO STA. 35+00

SCALE : 1" = 50'
DATE : 02/27/09

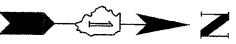
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CHECKED BY : GB

M:\Proj\894P2-RAMP\94s\20.dgn 2/23/2009 7:25:52 AM

TEMPORARY CONCRETE BARRIER LAYOUT (TO FF)		
LOCATION	STATION	OFFSET
D	42+35.54 E.B.	25.00' LT
E	43+22.74 E.B.	32.27' LT

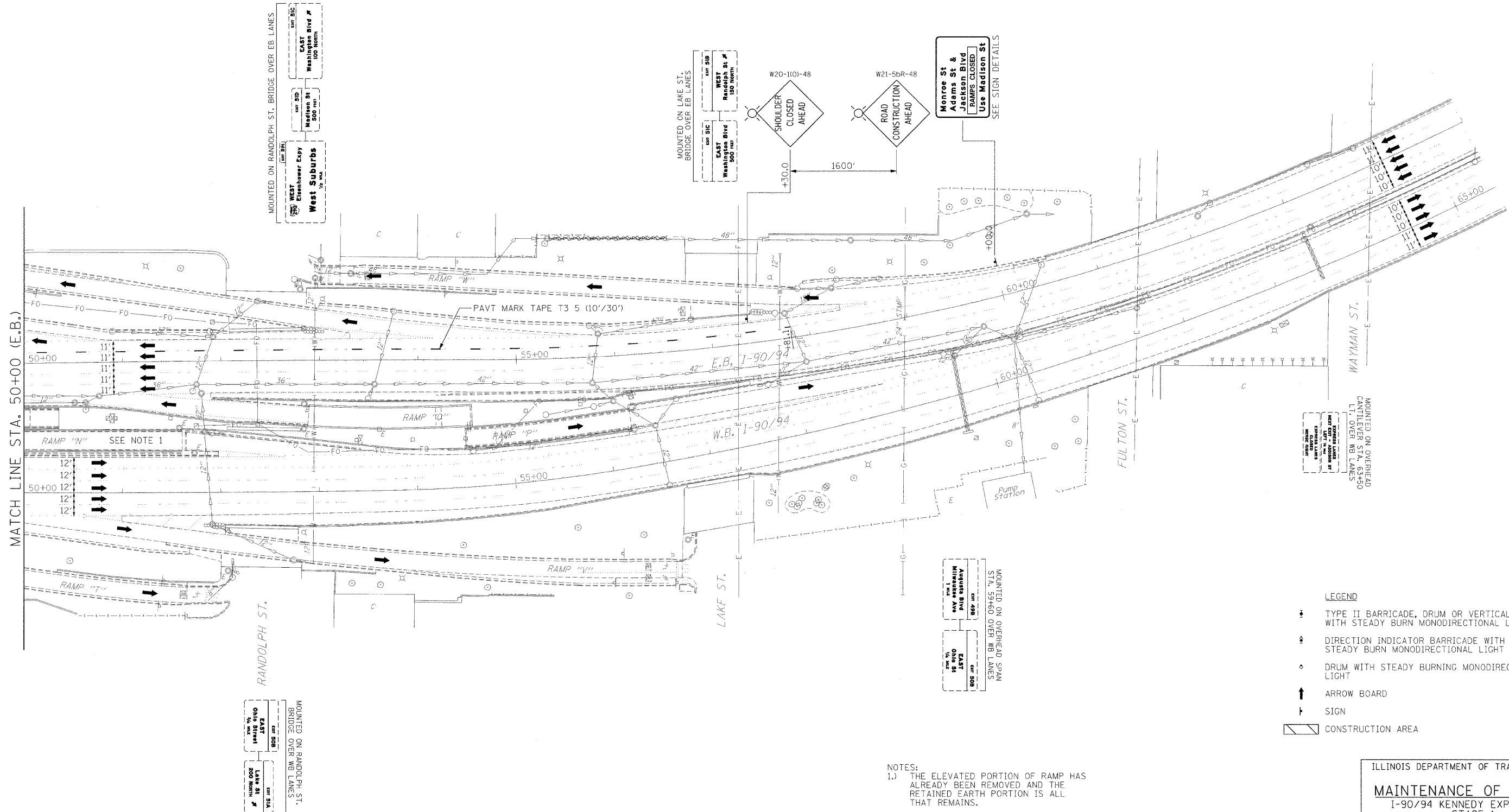


SCALE : 1" = 50' DRAWN BY : BEC
DATE : 02/06/09 CHECKED BY : GB



PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED CHECKED		
	PH.D. OF WAY CHECKED		
	PAID T.S.E. NINE		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
	PAID NOTED		
	PAID NOTED		



ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
STAGE 1
STA. 50+00 TO STA. 65+00
SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

PLAN	SURVEYED ALIGNMENT CHECKED PLAN FILE NAME	BY	DATE

PROFILE	NOTED GRADES CHECKED PLAN NOTED STATUS AND NOTATIONS CHNO	BY	DATE

STAGE 2 CONSTRUCTION

- STAGE 2A
- CONSTRUCT TEMPORARY PAVEMENT MARKINGS
 - REMOVE RAMPS M AND N
 - REPAIR RAMPS L & O
 - EXTEND RAMPS L & O
 - CONSTRUCT CONCRETE BARRIER ALONG WB LANES BETWEEN RAMP A AND RAMP B.

- STAGE 2B
- CONSTRUCT TEMPORARY PAVEMENT MARKINGS
 - CONSTRUCT MEDIAN FROM BEGINING OF PROJECT TO RAMP A.
 - REMOVE RAMPS C AND D
 - EXTEND RAMPS B AND E
 - CONSTRUCT CONCRETE BARRIER ALONG EB LANES BETWEEN RAMP O AND RAMP L

STAGE 2A TRAFFIC

- EASTBOUND I-90/94:
- CLOSE INSIDE LANE IN ACCORDANCE WITH STANDARD 701400, APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY, AND STANDARD 701401, LANE CLOSURE, FREEWAY/EXPRESSWAY.
 - CLOSE RAMP O IN ACCORDANCE WITH DISTRICT DETAIL FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS.
 - OPEN RAMPS SHALL REMAIN OPEN IN ACCORDANCE WITH STANDARD 701411, LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH.

- WESTBOUND I-90/94:
- CLOSE INSIDE SHOULDER IN ACCORDANCE WITH DISTRICT DETAIL TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES.
 - CLOSE RAMP A AND L IN ACCORDANCE WITH DISTRICT DETAIL FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS.
 - OPEN RAMPS SHALL REMAIN OPEN IN ACCORDANCE WITH STANDARD 701411, LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH.
 - USE STANDARD 701426, LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS >= 45 MPH FOR CLEANING DRAINAGE STRUCTURES LOCATED AWAY FROM THE CONSTRUCTION AREA.

STAGE 2B TRAFFIC

- EASTBOUND I-90/94:
- CLOSE INSIDE LANE IN ACCORDANCE WITH STANDARD 701400, APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY, AND STANDARD 701401, LANE CLOSURE, FREEWAY/EXPRESSWAY.
 - CLOSE RAMPS E AND Q IN ACCORDANCE WITH DISTRICT DETAIL FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS.
 - OPEN RAMPS SHALL REMAIN OPEN IN ACCORDANCE WITH STANDARD 701411, LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH.
 - NARROW EXISTING 12' LANES TO 11' LANES

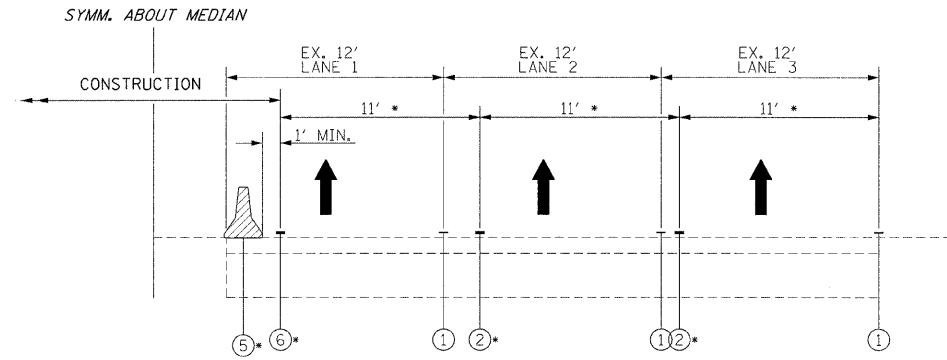
- WESTBOUND I-90/94:
- CLOSE INSIDE SHOULDER IN ACCORDANCE WITH DISTRICT DETAIL TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES.
 - CLOSE RAMP B IN ACCORDANCE WITH DISTRICT DETAIL FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS.
 - OPEN RAMPS SHALL REMAIN OPEN IN ACCORDANCE WITH STANDARD 701411, LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH.
 - NARROW EXISTING 12' LANES TO 11' LANES.
 - USE STANDARD 701426, LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS >= 45 MPH FOR CLEANING DRAINAGE STRUCTURES LOCATED AWAY FROM THE CONSTRUCTION AREA.

STAGE 2 NOTES

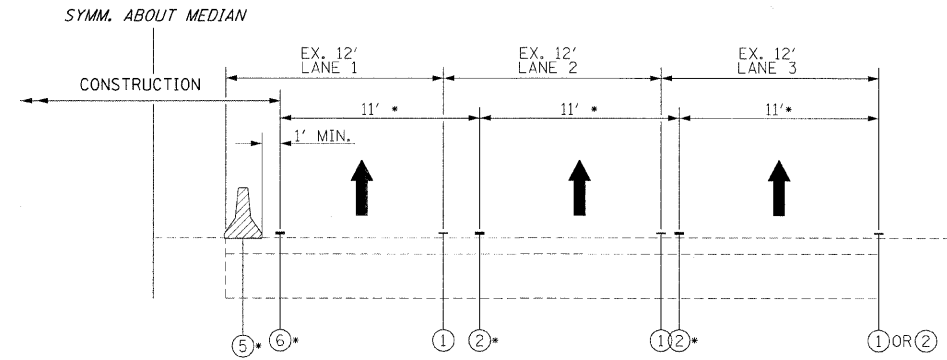
1. ALL CONSTRUCTION SHALL BE DONE AT NIGHT, IN ACCORDANCE WITH THE SPECIAL PROVISIONS, UNLESS CONSTRUCTED BEHIND TEMPORARY CONCRETE BARRIER WALL.
2. ALL SIGN LOCATIONS, MOUNTINGS AND WORDING SHALL BE VERIFIED WITH THE BUREAU OF TRAFFIC PRIOR TO INSTALLATION. ALL POSTED SPEED LIMITS SHOWN ON STATE HIGHWAY STANDARDS SHOULD BE VERIFIED WITH THE BUREAU OF TRAFFIC PRIOR TO INSTALLATION.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	02026-2P, ETC, 1415 & 1517R-7	COOK	246	35
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

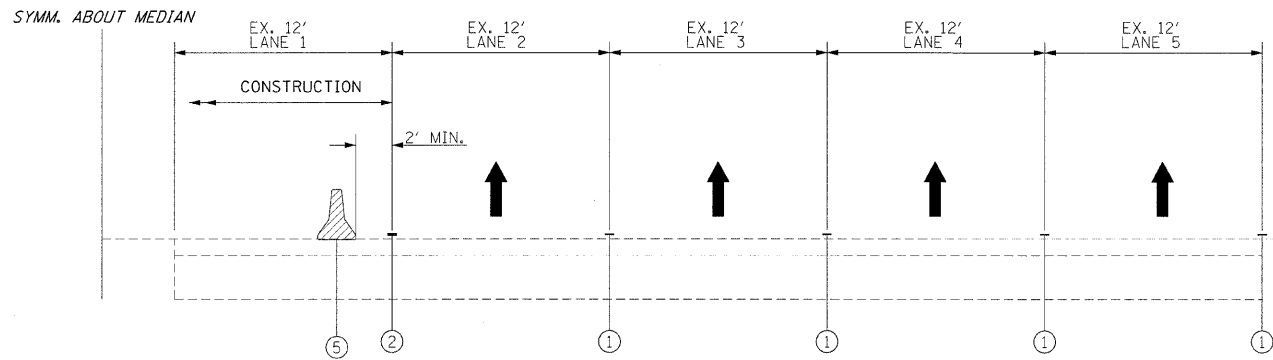
ILLINOIS DEPARTMENT OF TRANSPORTATION	
MAINTENANCE OF TRAFFIC	
I-90/94 KENNEDY EXPRESSWAY	
SEQUENCE OF OPERATIONS	
STA.	TO STA.
SCALE : 1" = NTS	DRAWN BY : BEC
DATE : 02/06/09	CHECKED BY : GB



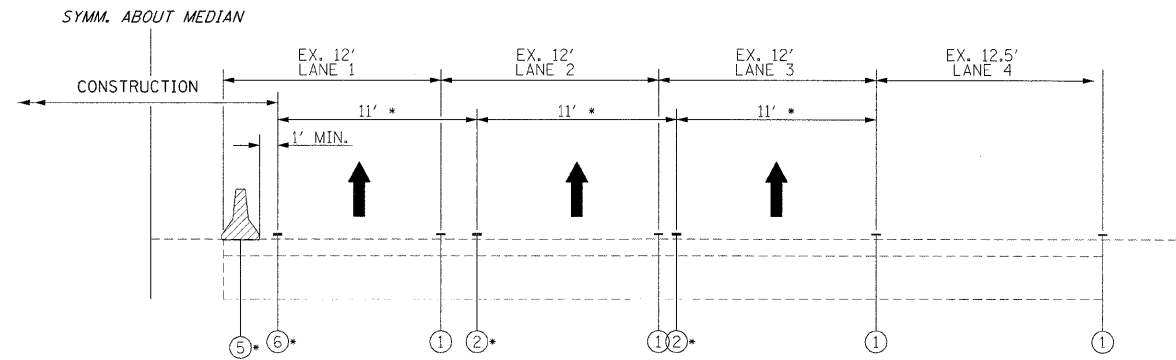
STAGE 2 - EASTBOUND
MEDIAN RAMP CONSTRUCTION
STA. 20+00 TO STA. 31+50
* DURING STAGE 2B ONLY



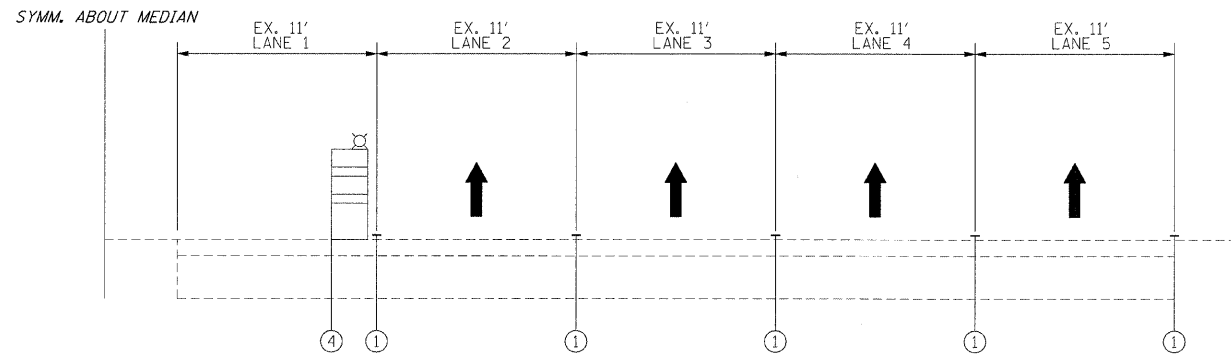
STAGE 2 - WESTBOUND
MEDIAN RAMP CONSTRUCTION
STA. 20+00 TO STA. 29+00
* DURING STAGE 2B ONLY



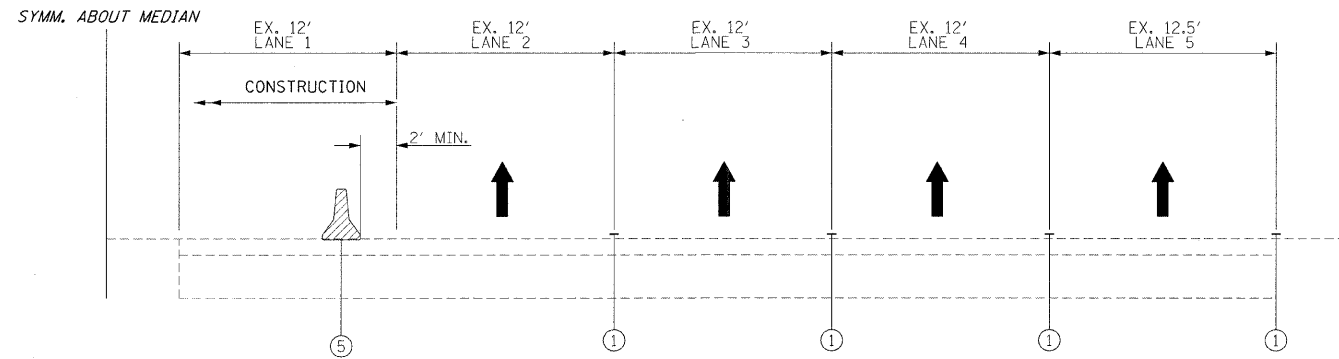
STAGE 2 - EASTBOUND
MEDIAN RAMP CONSTRUCTION
STA. 31+50 TO STA. 50+24



STAGE 2 - WESTBOUND
MEDIAN RAMP CONSTRUCTION
STA. 29+00 TO STA. 33+50
* DURING STAGE 2B ONLY



STAGE 2 - EASTBOUND
MEDIAN RAMP CONSTRUCTION
STA. 50+24 TO STA. 102+00

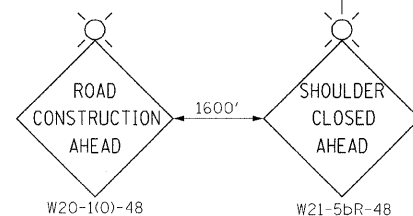
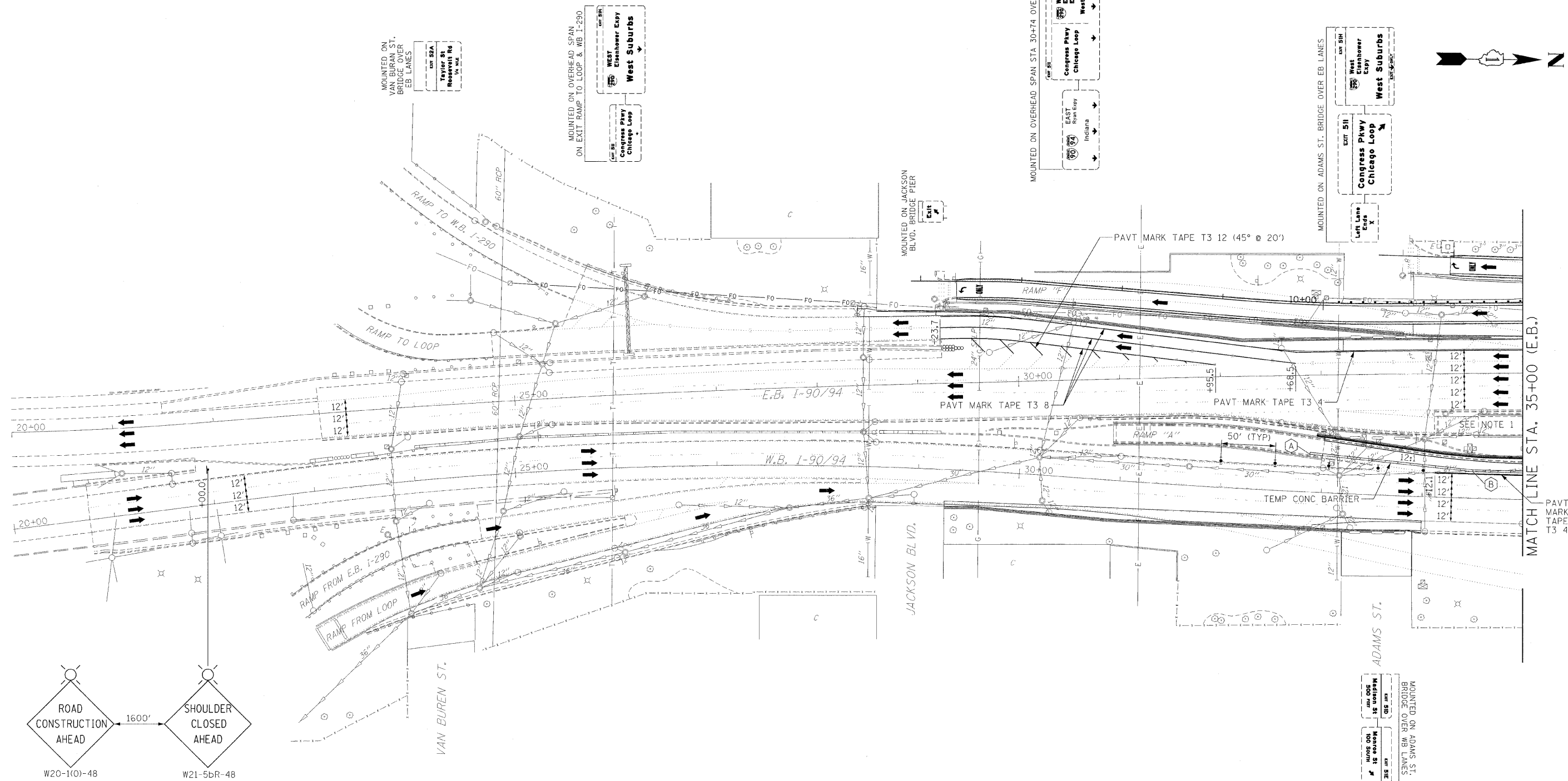


STAGE 2 - EASTBOUND
MEDIAN RAMP CONSTRUCTION
STA. 33+50 TO STA. 55+50

- LEGEND
- ① EXISTING PAVEMENT MARKING
 - ② PAVEMENT MARKING TAPE TYPE III
 - ③ PERMANENT PAVEMENT MARKING
 - ④ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - ⑤ TEMPORARY CONCRETE BARRIER WALL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	37
STA. 20+00		TO STA. 35+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

TEMPORARY CONCRETE BARRIER LAYOUT (TO FF)		
LOCATION	STATION	OFFSET
A	32+87.01 W.B.	37.50' LT
B	34+49.72 W.B.	26.25' LT



MOUNTED ON OVERHEAD SPAN
AT TOP OF WB I-290 RAMP



A photograph of a highway sign. The sign is rectangular with a black border. At the top, it features two circular shields: the left one contains the number '90' and the right one contains the number '94'. To the right of these shields, the text 'WEST Kennedy Expy' is written in black. Below this, the word 'Wisconsin' is written in a larger, bold, black font. At the bottom of the sign, there is a small black arrow pointing downwards. The sign is mounted on a metal structure, and the background shows a concrete overpass and a road.

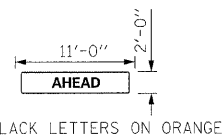
- | <u>LEGEND</u> | |
|---|--|
|  | TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
|  | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |
|  | DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT |
|  | ARROW BOARD |
|  | SIGN |
|  | CONSTRUCTION AREA |

ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
STAGE 2A
STA. 20+00 TO STA. 35+00

SCALE : 1" = 50' DRAWN BY : BEC
DATE : 02/06/09 CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	38
STA. 35+00		TO STA. 50+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

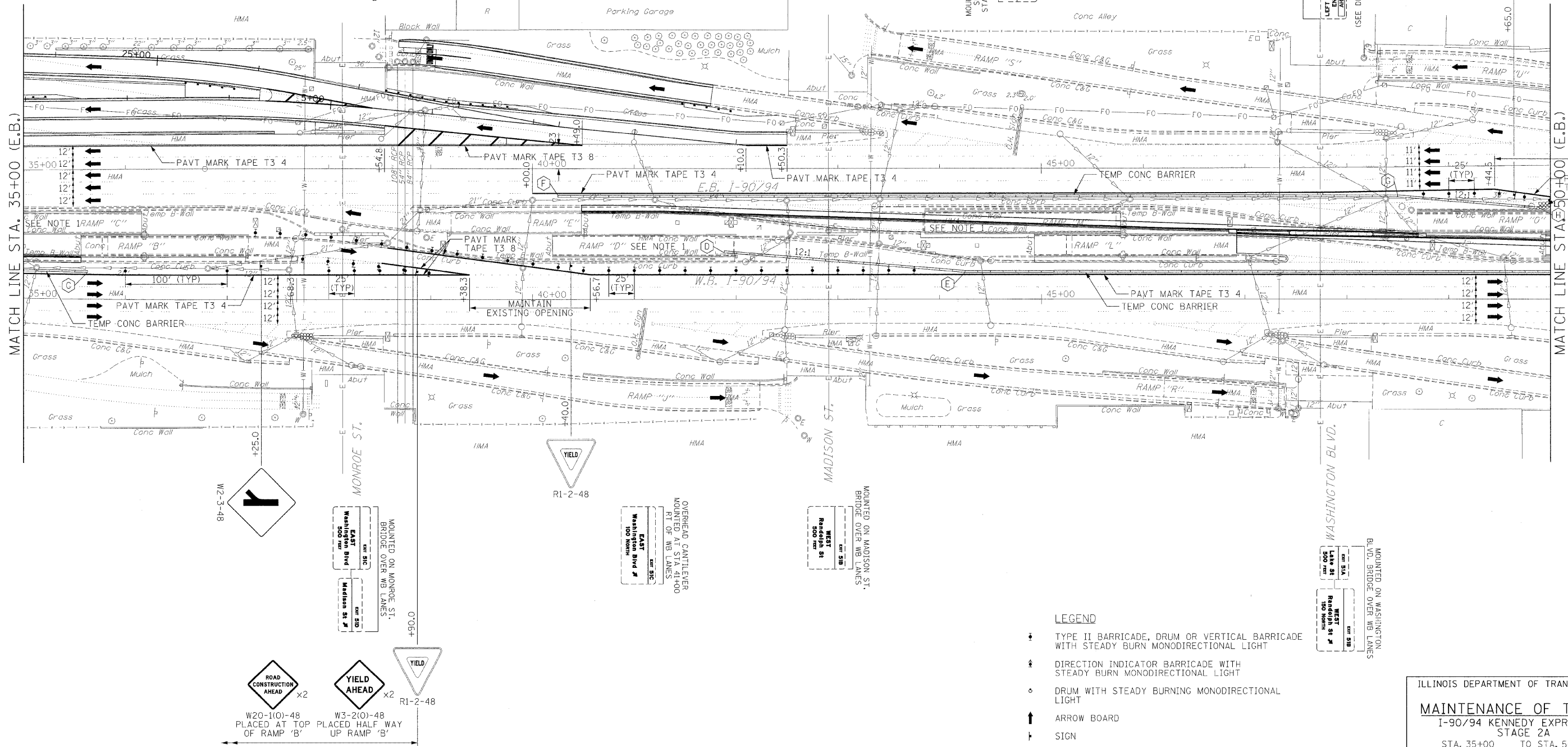
TEMPORARY CONCRETE BARRIER LAYOUT (TO FF)		
LOCATION	STATION	OFFSET
C	35+62.57 W.B.	26.00' LT
D	41+88.32 W.B.	45.72' LT
E	44+25.00 W.B.	26.00' LT
F	40+25.00 E.B.	26.00' RT
G	48+49.75 E.B.	27.35' RT
H	49+86.49 E.B.	40.34' RT



NOTE: SIGN INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

PLAN	DATE	BY
DESIGNED		
CHECKED		
NOTED		
FILE NAME		

PROFILE	DATE	BY
DESIGNED		
CHECKED		
NOTED		
FILE NAME		



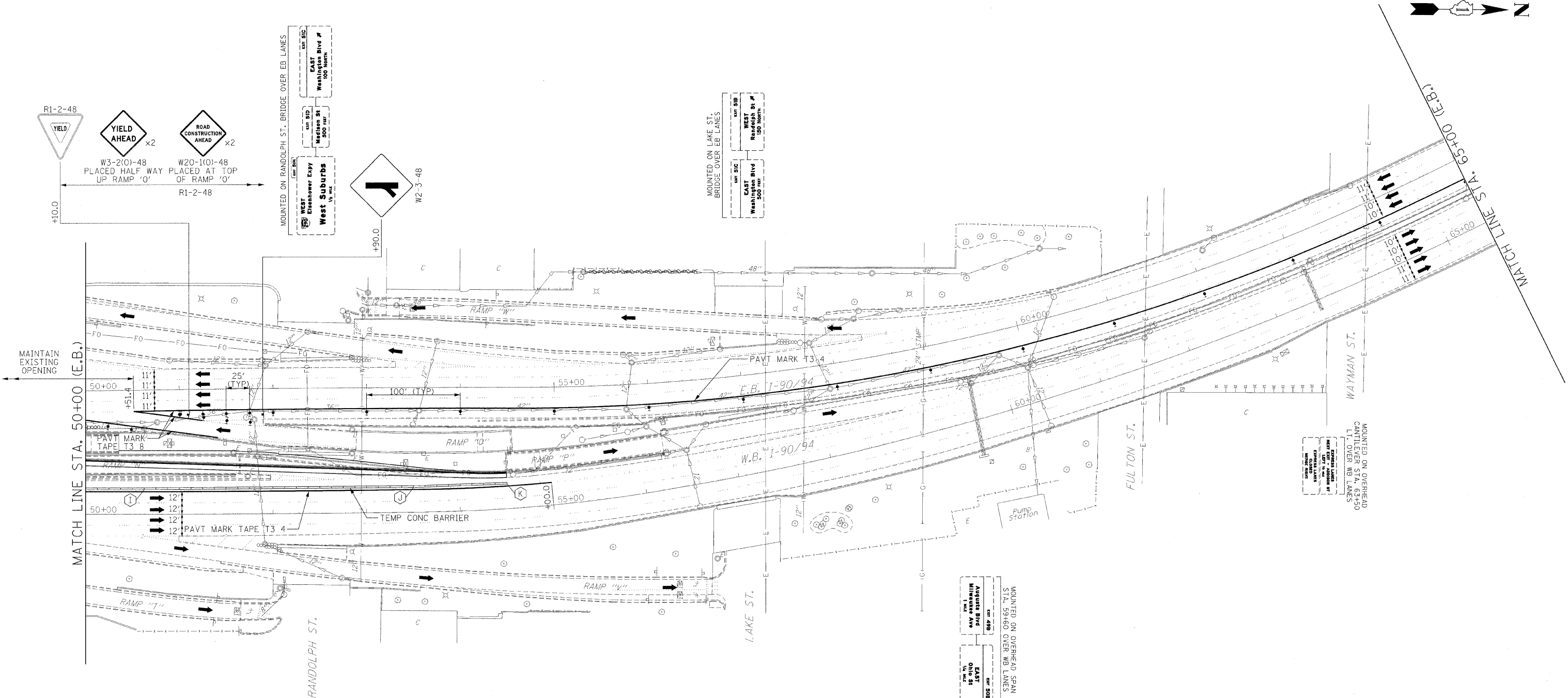
- LEGEND
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
 - ARROW BOARD
 - SIGN
 - CONSTRUCTION AREA

ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
STAGE 2A
STA. 35+00 TO STA. 50+00
SCALE : 1" = 50'
DATE : 02/27/09
DRAWN BY : BEC
CHECKED BY : GB

TEMPORARY CONCRETE BARRIER LAYOUT (TO FF)		
LOCATION	STATION	OFFSET
I	50+62.50 W.B.	26.00' LT
J	53+50.37 W.B.	26.08' LT
K	54+51.78 W.B.	26.00' LT

PLAN	DATE
BY	
REVIEWED	
ALIGNED CHECKED	
RT. OF WAY CHECKED	
NOTE BOOK	
NO.	

PROFILE	DATE
BY	
REVIEWED	
GRADES CHECKED	
PAV. MARKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK	
NO.	



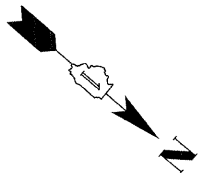
LEGEND

- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
- ARROW BOARD
- SIGN
- CONSTRUCTION AREA

ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
STAGE 2A
STA. 50+00 TO STA. 65+00

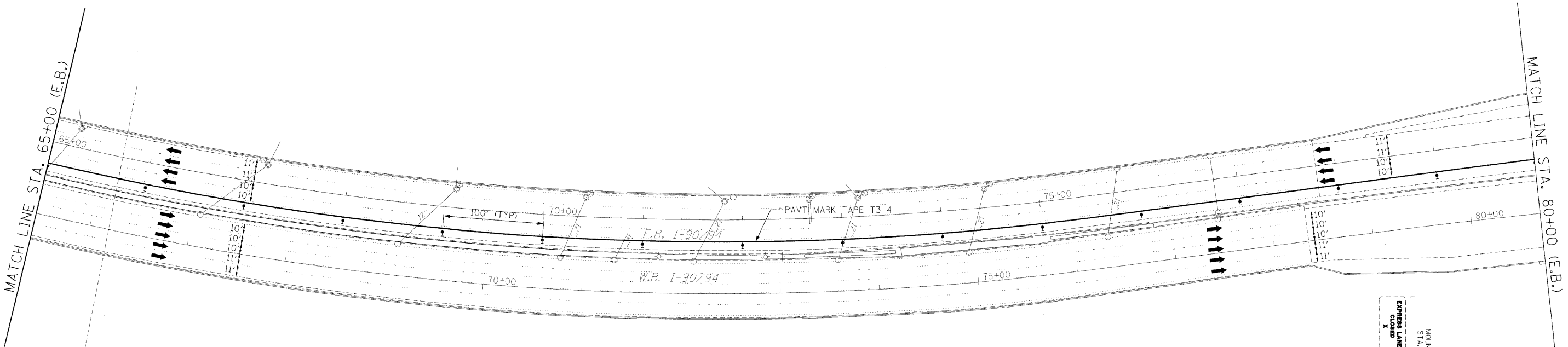
SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	001.6 (IP,2P) & 0202.6 (IP) ET AL	COOK	246	40
STA. 65+00		TO STA. 80+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN	DATE
SURVEYED	BY
NOTE BOOK	
NO.	

PROFILE	DATE
SURVEYED	BY
NOTE BOOK	
NO.	



MOUNTED ON OVERHEAD SPAN
STA. 79+20 OVER WB LANES

EXPRESS LANES
CLOSED
X

60 WEST
Wisconsin

EAST
ONE ST
500

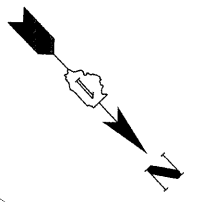
- LEGEND
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
 - ARROW BOARD
 - SIGN
 - CONSTRUCTION AREA

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
STAGE 2A
STA. 65+00 TO STA. 80+00

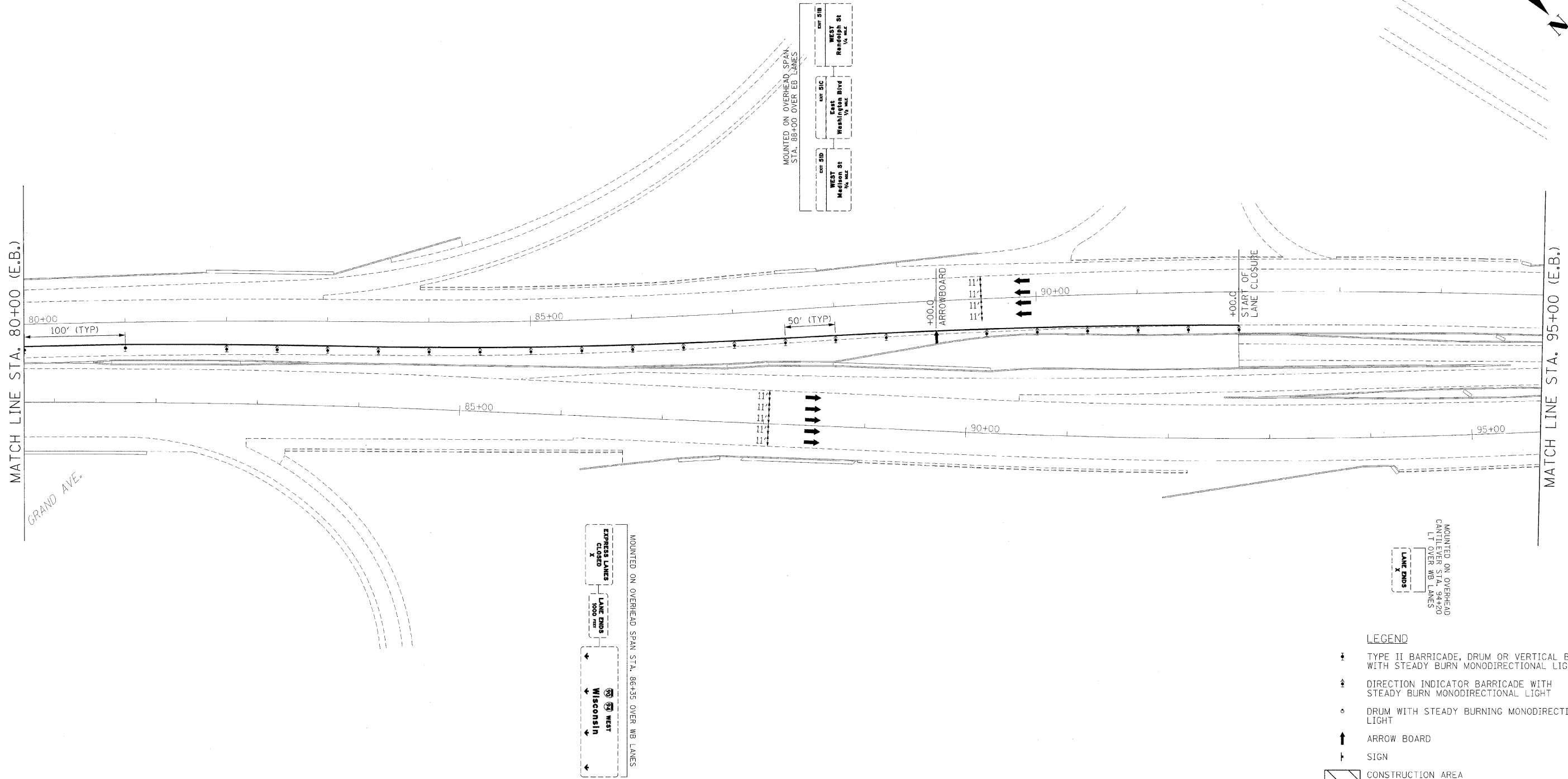
SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(101.6 (IP,2P) & 0202.6 (IP) ET AL	COOK	246	41
STA. 80+00		TO STA. 95+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	PT. OF WAY CHECKED		
	DATE FILE NAME		



MOUNTED ON OVERHEAD
CANTILEVER STA. 94+20
LT OVER WB LANES

LANE ENDS

LEGEND

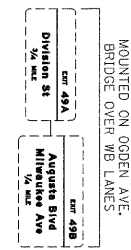
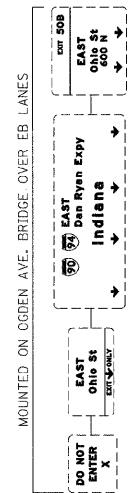
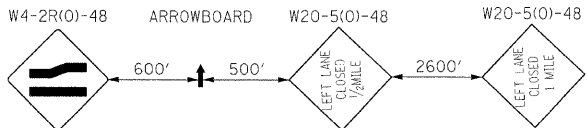
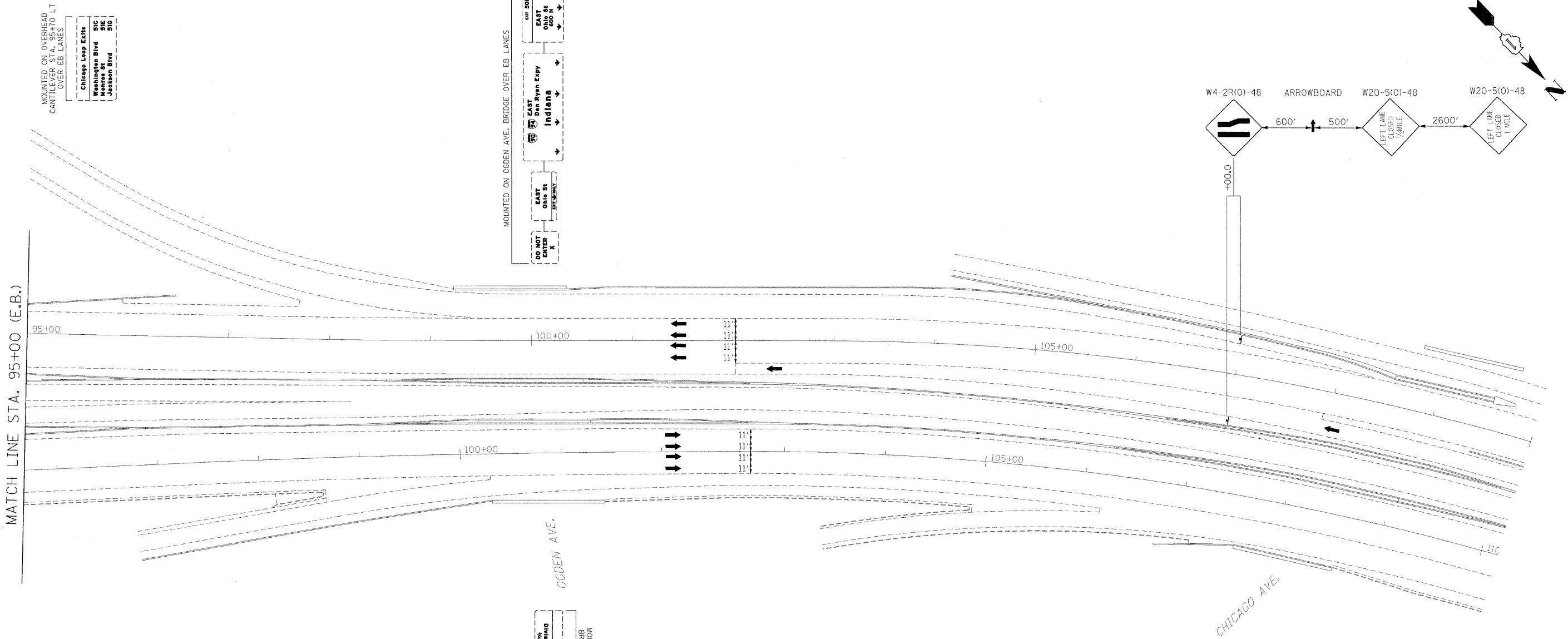
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
- ARROW BOARD
- SIGN
- CONSTRUCTION AREA

ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
STAGE 2A
STA. 80+00 TO STA. 95+00
SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(101.6 (1P,2P) & 0202.6 (1P) ET AL	COOK	246	42
STA. 95+00		TO STA. 110+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
	NOTE BOOK		
NO.	ALIGNED		
	NOT CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	NOTE BOOK		
NO.	GRADES CHECKED		
	STRUCTURE NOTATION CHVD		



- LEGEND
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
 - ARROW BOARD
 - SIGN
 - CONSTRUCTION AREA

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC

I-90/94 KENNEDY EXPRESSWAY
STAGE 2A
STA. 95+00 TO STA. 110+00

SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

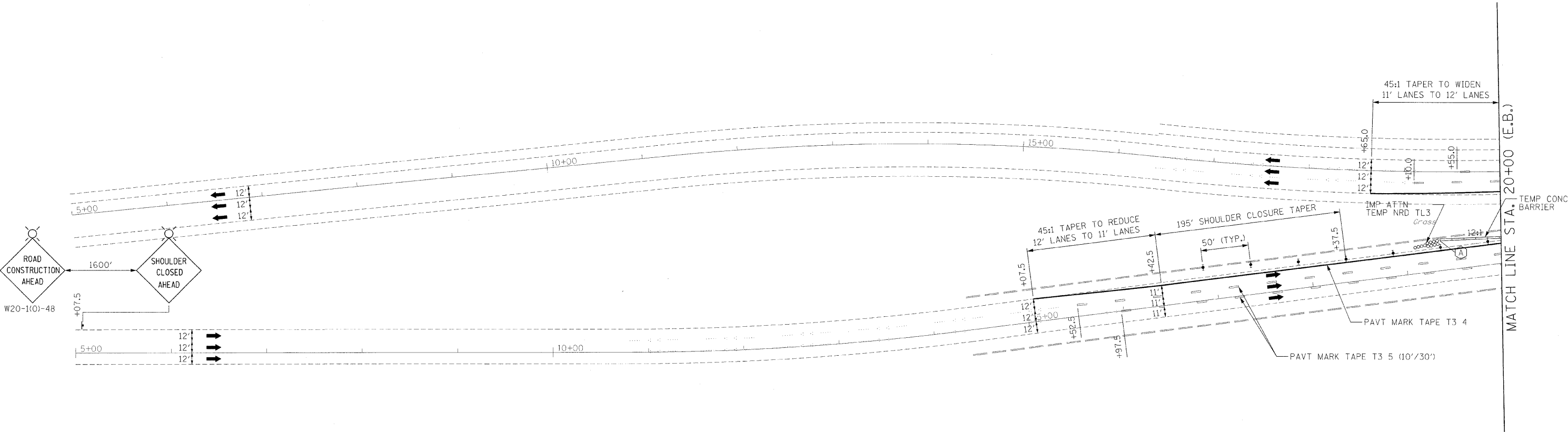
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	10202.6-2P, ETC, 1415 & 1517R-7	COOK	246	43
STA. 5+00		TO STA. 20+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

TEMPORARY CONCRETE BARRIER LAYOUT (TO FF)		
LOCATION	STATION	OFFSET
A	19+37.89 W.B.	31.74' LT



PLAN	DATE	BY
SURVEYED		
NOTED		
DATE		
BY		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTED		
DATE		
BY		
NO.		



LEGEND

- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
- ARROW BOARD
- SIGN
- CONSTRUCTION AREA

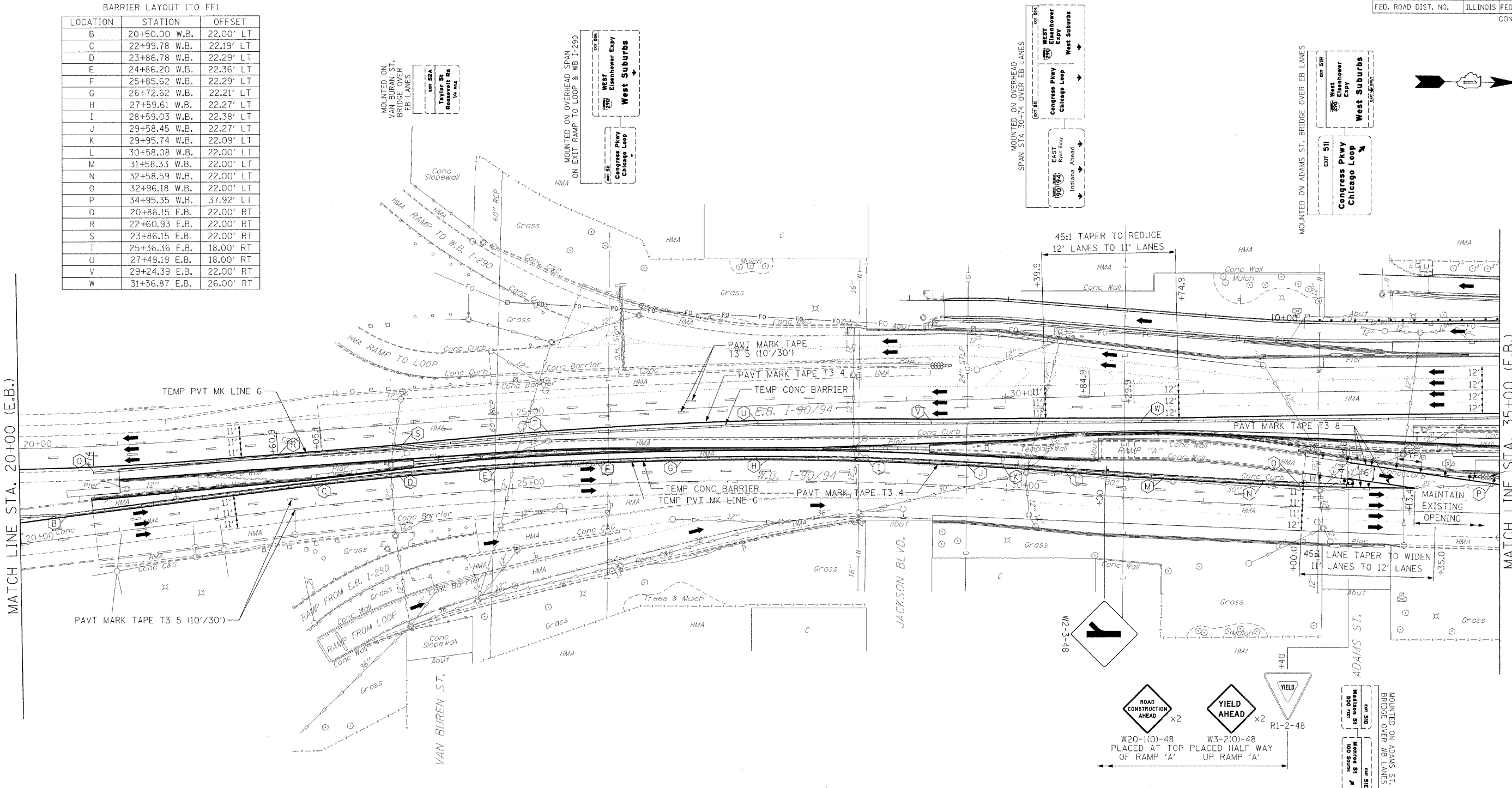
ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
STAGE 2B
STA. 5+00 TO STA. 20+00

SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	44
STA. 20+00		TO STA. 35+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

TEMPORARY CONCRETE BARRIER LAYOUT (TO FF)

LOCATION	STATION	OFFSET
B	20+50.00 W.B.	22.00' LT
C	22+99.78 W.B.	22.19' LT
D	23+86.78 W.B.	22.29' LT
E	24+86.20 W.B.	22.36' LT
F	25+85.62 W.B.	22.29' LT
G	26+72.62 W.B.	22.21' LT
H	27+59.61 W.B.	22.27' LT
I	28+59.03 W.B.	22.38' LT
J	29+58.45 W.B.	22.27' LT
K	29+95.74 W.B.	22.09' LT
L	30+58.08 W.B.	22.00' LT
M	31+58.33 W.B.	22.00' LT
N	32+58.59 W.B.	22.00' LT
O	32+96.18 W.B.	22.00' LT
P	34+95.35 W.B.	37.92' LT
Q	20+86.15 E.B.	22.00' RT
R	22+60.93 E.B.	22.00' RT
S	23+86.15 E.B.	22.00' RT
T	25+36.36 E.B.	18.00' RT
U	27+49.19 E.B.	18.00' RT
V	29+24.39 E.B.	22.00' RT
W	31+36.87 E.B.	26.00' RT



PLAN	DATE	BY
DESIGNED		
CHECKED		
NO.		

PROFILE	DATE	BY
DESIGNED		
CHECKED		
NO.		



- LEGEND
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
 - ARROW BOARD
 - SIGN
 - CONSTRUCTION AREA

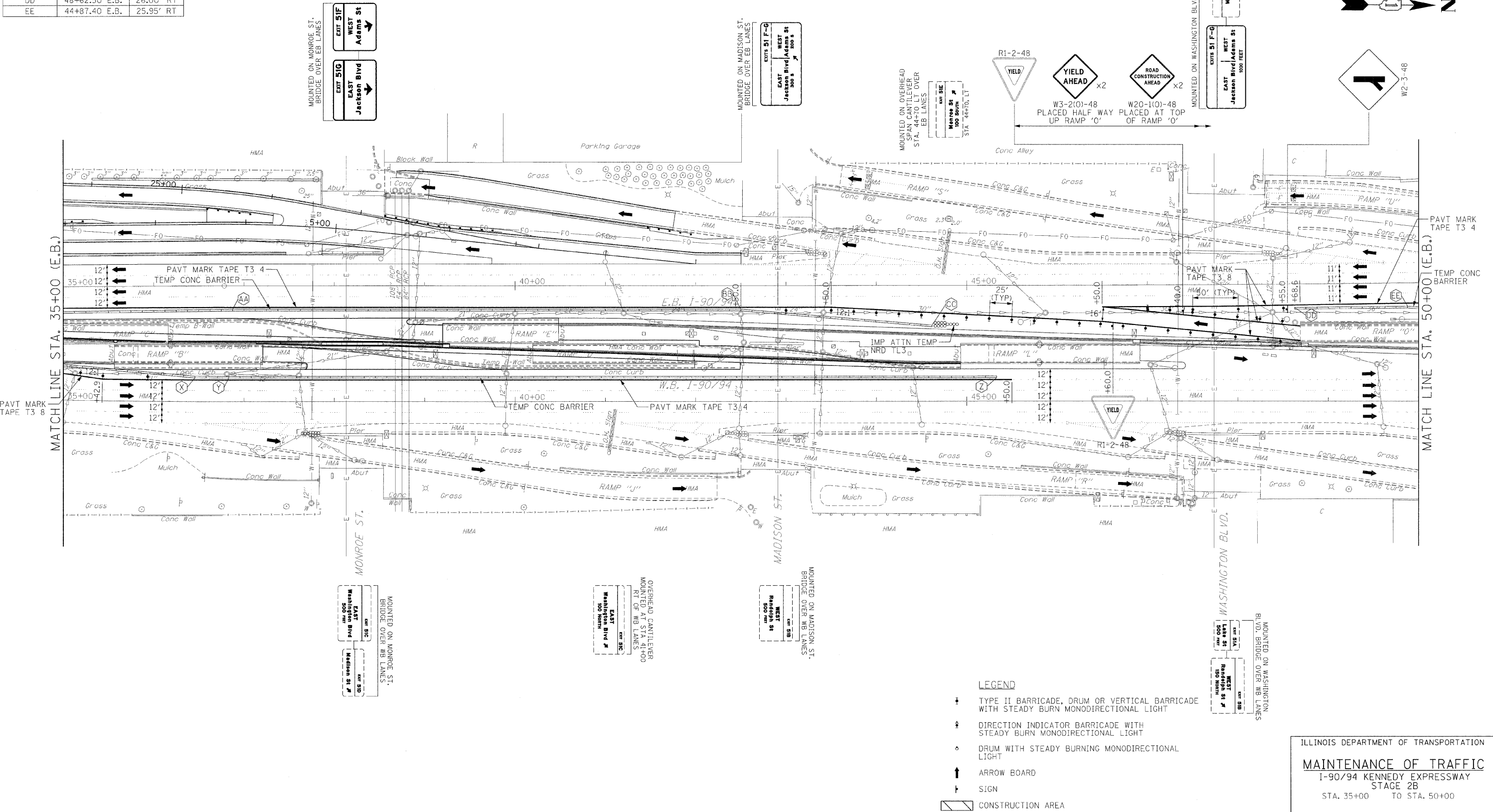
ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
STAGE 2B
STA. 20+00 TO STA. 35+00

SCALE : 1" = 50'
DATE : 02/27/09
DRAWN BY : BEC
CHECKED BY : GB

TEMPORARY CONCRETE BARRIER LAYOUT (TO FF)		
LOCATION	STATION	OFFSET
X	36+45.46 W.B.	26.22' LT
Y	36+83.07 W.B.	26.00' LT
Z	45+33.08 W.B.	26.00' LT
AA	36+87.50 E.B.	26.00' RT
BB	42+50.00 E.B.	26.00' RT
CC	44+61.77 E.B.	43.65' RT
DD	48+62.50 E.B.	26.00' RT
EE	44+87.40 E.B.	25.95' RT

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	45
STA. 35+00 TO STA. 50+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		CONTRACT NO. 62408		



ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC

I-90/94 KENNEDY EXPRESSWAY
STAGE 2B

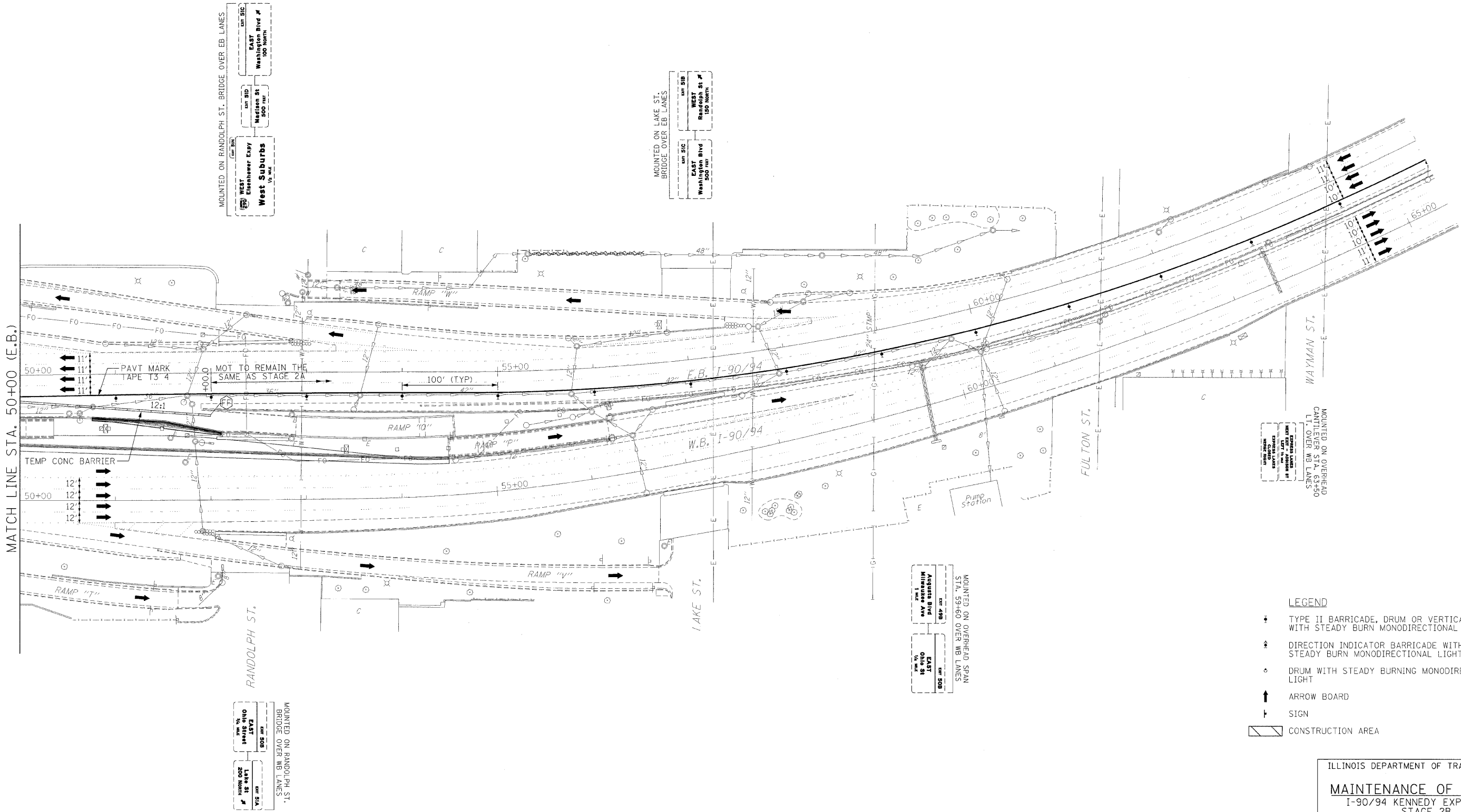
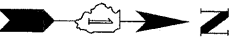
STA. 35+00 TO STA. 50+00

SCALE : 1" = 50'
DATE : 02/27/09

DRAWN BY : BEC
CHECKED BY : GB

TEMPORARY CONCRETE BARRIER LAYOUT (TO FF)		
LOCATION	STATION	OFFSET
FF	51+99.33 E.B.	43.67' RT

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	10202.6-2P, ETC, 1415 & 1517R-7	COOK	246	46
STA. 50+00		TO STA. 65+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				



MOUNTED ON OVERHEAD
CANTILEVER STA. 63+50
LI. OVER WB LANES

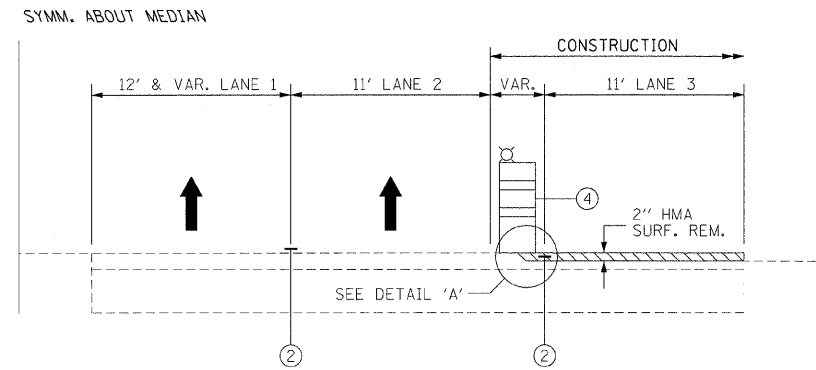
- LEGEND
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
 - ARROW BOARD
 - SIGN
 - CONSTRUCTION AREA

ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
STAGE 2B
STA. 50+00 TO STA. 65+00
SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

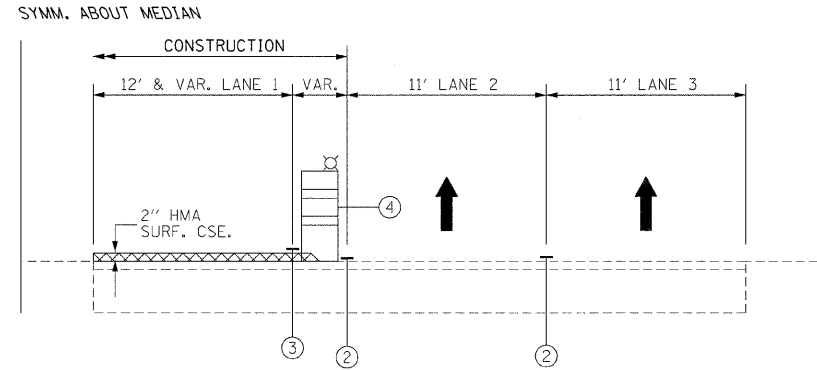
PLAN	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
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NO. OF WAY CHECKED		
NO. OF FILE NAME		

PROFILE	DATE	BY
SURVEYED		
NOTED		
GRADES CHECKED		
NO. NOTED		
STRUCTURE NOTATIONS CHD		

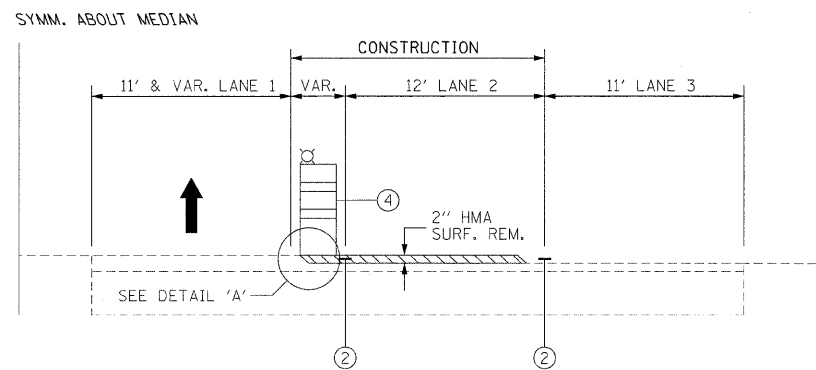
MOUNTED ON RANDOLPH ST. BRIDGE OVER WB LANES		WEST Eisenhower Expwy West Suburbs 1/2 MI.	EAST Washington Blvd # 200 North 1/2 MI.
MOUNTED ON OVERHEAD SPAN STA. 59+60 OVER WB LANES		WEST Augusta Blvd Milwaukee Ave 1 MI.	EAST Ohio St 1/2 MI.



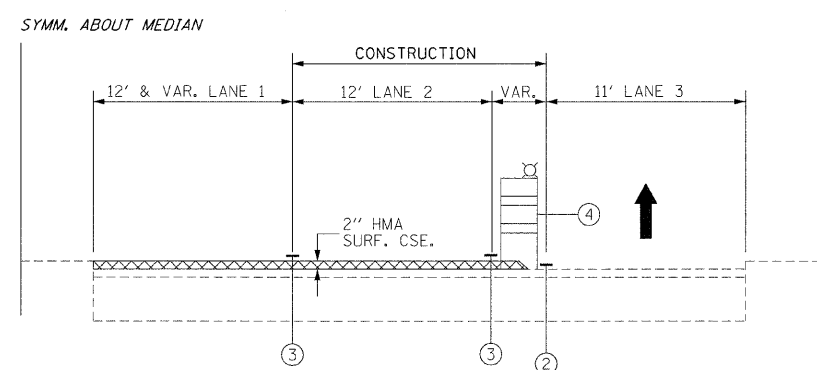
OPERATION 1 - 3 LANE SECTION



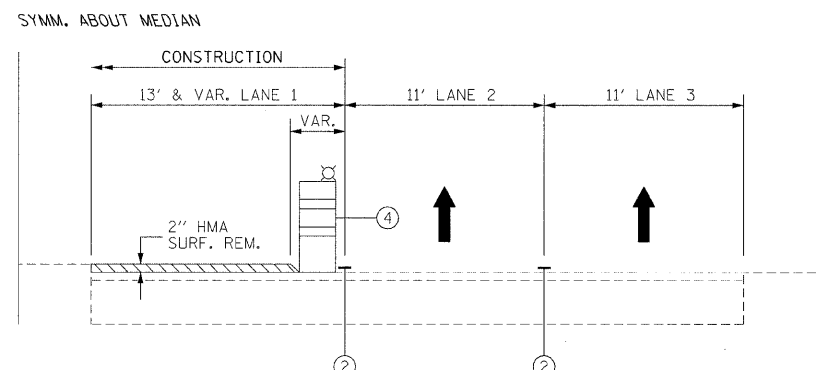
OPERATION 4 - 3 LANE SECTION



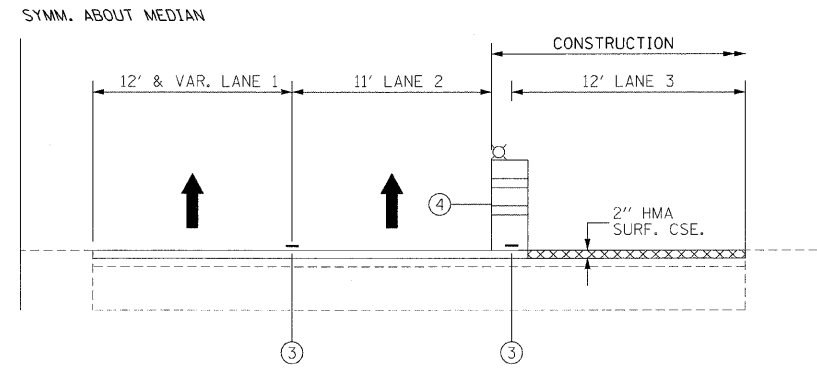
OPERATION 2 - 3 LANE SECTION



OPERATION 5 - 3 LANE SECTION



OPERATION 3 - 3 LANE SECTION



OPERATION 6 - 3 LANE SECTION

CONSTRUCTION SEQUENCE

OPERATION 1
-2" HOT-MIX ASPHALT SURFACE REMOVAL ON LANE 3

OPERATION 2
-2" HOT-MIX ASPHALT SURFACE REMOVAL ON LANE 2

OPERATION 3
-2" HOT-MIX ASPHALT SURFACE REMOVAL ON LANE 1

OPERATION 4
-PLACE 2" SURFACE ACROSS LANE 1

OPERATION 5
-PLACE 2" SURFACE ACROSS LANE 2

OPERATION 6
-PLACE 2" SURFACE ACROSS LANE 3

LEGEND

- ① EXISTING PAVEMENT MARKING
- ② EPOXY PAVEMENT MARKING LINE, 5" (10' DASH - 30' SKIP OR SOLID)
- ③ PERMANENT PAVEMENT MARKING
- ④ DRUMS w/ STEADY BURN LIGHTS @ 100' C-C
- HOT-MIX ASPHALT SURFACE REMOVAL
- PROPOSED SURFACING

STAGE 3 CONSTRUCTION

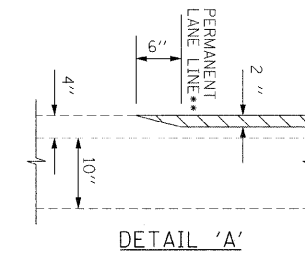
- MILL AND RESURFACE EASTBOUND I-90/94
- CONSTRUCT PAVEMENT MARKINGS

STAGE 3 TRAFFIC

USE THE FOLLOWING STANDARDS AS NEEDED FOR CONSTRUCTION:
701400 APPROACH TO LANE CLOSURE, FREEWAY EXPRESSWAY
701401 LANE CLOSURE, FREEWAY/EXPRESSWAY
701446 TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701426 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS >= 45MPH

STAGE 3 NOTES

1. FOR GRADE DIFFERENTIALS BETWEEN LANES, SEE GENERAL NOTES. UNEVEN LANE SIGNS WILL BE REQUIRED.
2. ALL RESURFACING OPERATIONS SHALL HAVE ALL WORK PERFORMED AT NIGHT.
3. DRUMS @ 100 C-C SHALL BE MOVED TO OUTSIDE LANE EDGE AT THE SHOULDER FOR NON-WORKING HOURS.
4. OPERATIONS 1, 2, & 3 WORK MAY BE DONE IN ONE NIGHT WITH AUTHORIZATION OF THE ENGINEER.
5. OPERATIONS 4, 5, & 6 WORK MAY BE DONE IN ONE NIGHT WITH AUTHORIZATION OF THE ENGINEER.
6. OPERATION 4 & 5 MAY BE COMBINED INTO ONE OPERATION WITH AUTHORIZATION BY THE ENGINEER.



** SEE PAVEMENT MARKING PLANS FOR FINAL LOCATIONS.

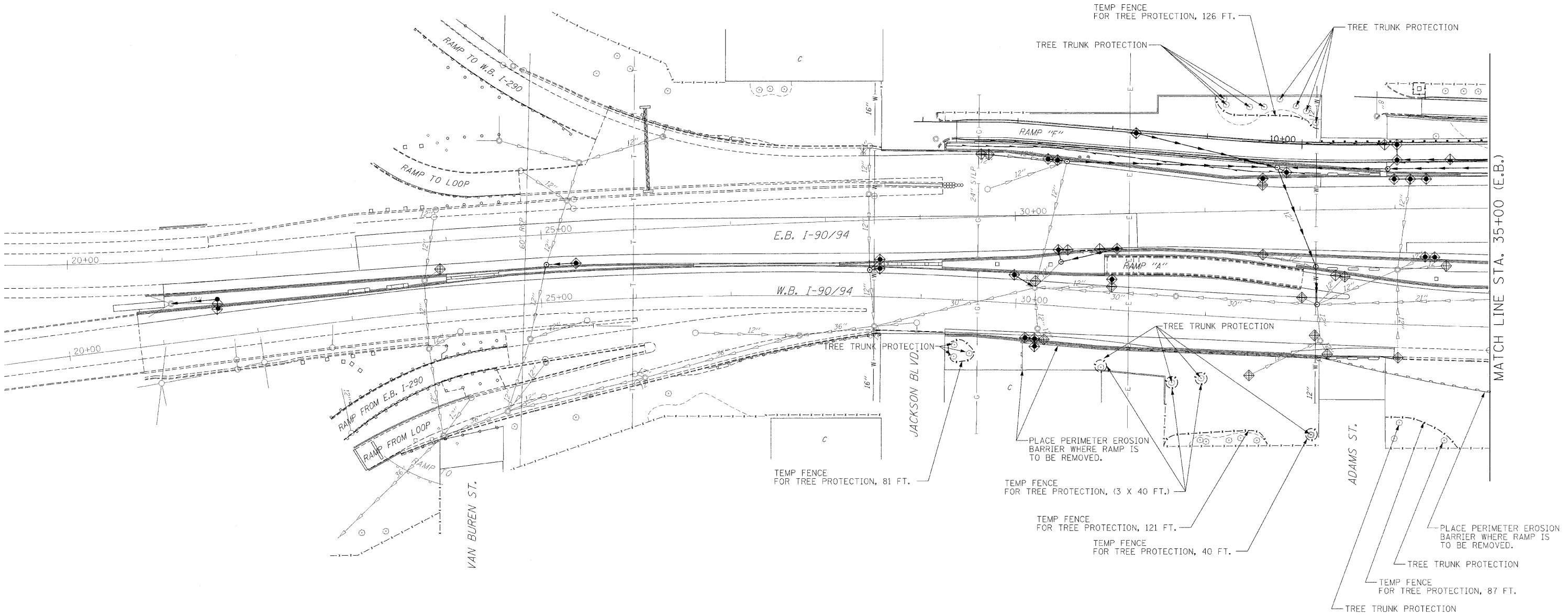
ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
I-90/94 KENNEDY EXPRESSWAY
RESURFACING SEQUENCE OF OPERATIONS
STA. TO STA.

SCALE : 1" = NTS
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

EROSION CONTROL NOTES

1. SEE STD 280001 FOR EROSION CONTROL DETAILS.
2. PROTECT PROPOSED INLETS, CATCH BASINS AND PIPES IMMEDIATELY AFTER THEY ARE INSTALLED UNTIL THE SURFACES THAT DRAIN TO THEM ARE COMPLETE OR REVEGETATED.
3. TEMPORARY SEEDING REQUIRED ON ALL DISTURBED AREAS.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	48
STA. 20+00		TO STA. 35+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND:

⊕ - INLET FILTER

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL PLAN

I-90/94 KENNEDY EXPRESSWAY

STA. 20+00 TO STA. 35+00

SCALE : 1" = 50'

DATE : 02/27/09

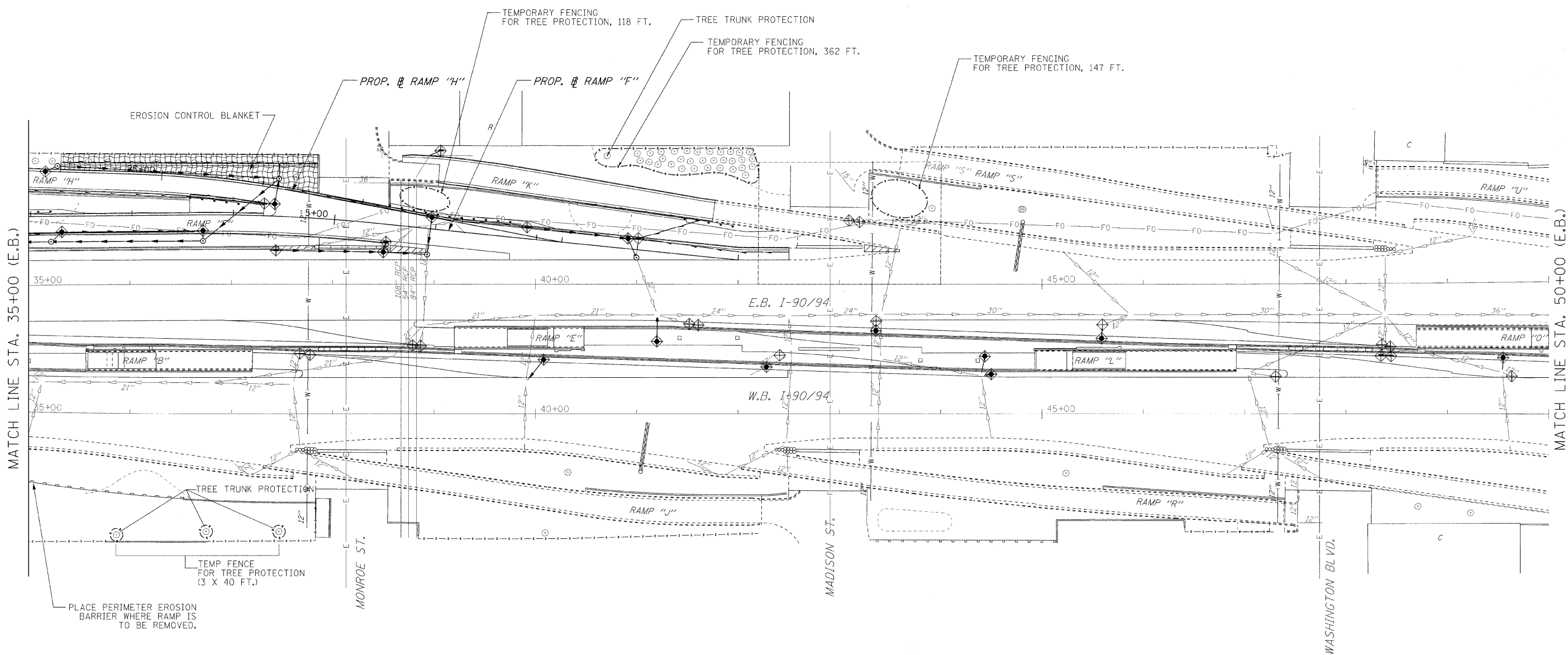
DRAWN BY : BEC

CHECKED BY : GB

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- EROSION CONTROL NOTES
- 1. SEE STD 280001 FOR EROSION CONTROL DETAILS.
 - 2. PROTECT PROPOSED INLETS, CATCH BASINS AND PIPES IMMEDIATELY AFTER THEY ARE INSTALLED UNTIL THE SURFACES THAT DRAIN TO THEM ARE COMPLETE OR REVEGETATED.
 - 3. TEMPORARY SEEDING REQUIRED ON ALL DISTURBED AREAS.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	246	49
STA. 35+00		TO STA. 50+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND:

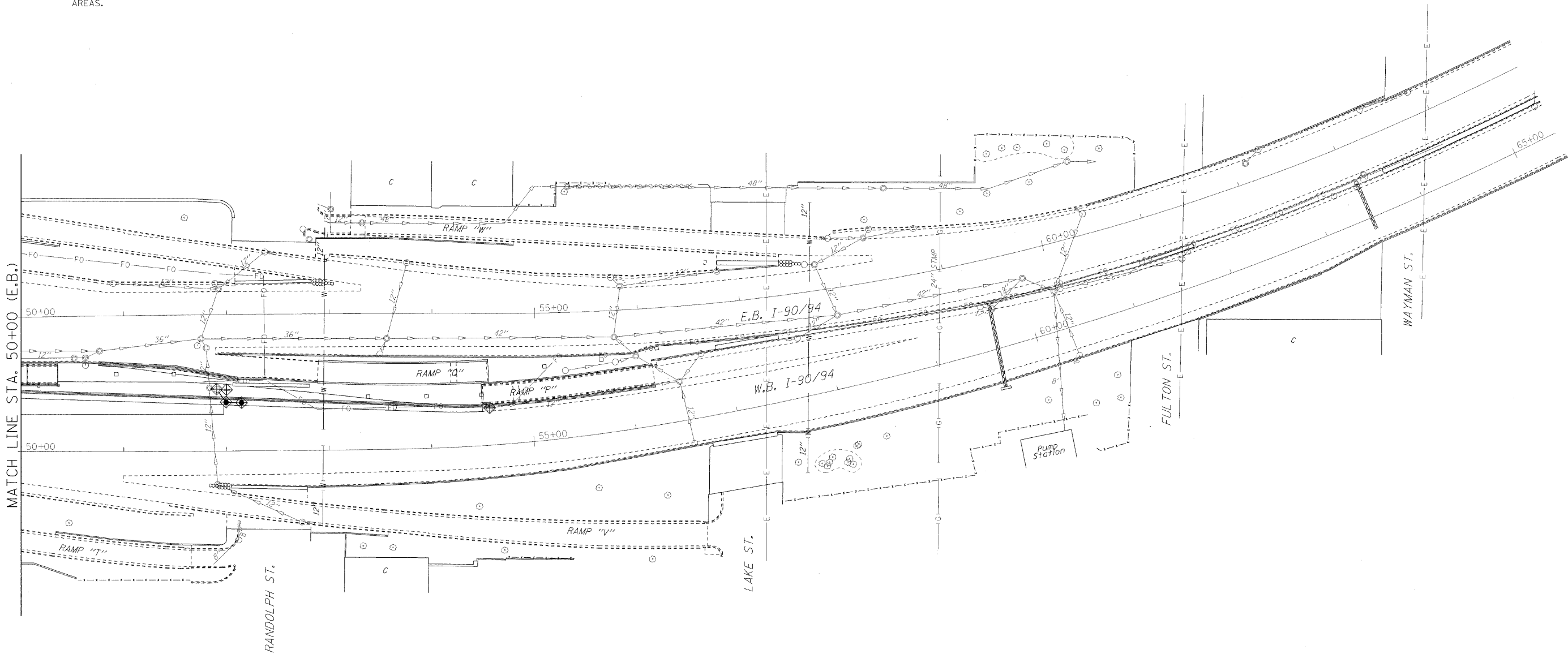
⊕ - INLET FILTER

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY EROSION CONTROL PLAN
I-90/94 KENNEDY EXPRESSWAY
STA. 35+00 TO STA. 50+00
SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	10202.6-2P, ETC, 1415 & 1517R-7	COOK	246	50
STA. 50+00		TO STA. 65+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

EROSION CONTROL NOTES

1. SEE STD 280001 FOR EROSION CONTROL DETAILS.
2. PROTECT PROPOSED INLETS, CATCH BASINS AND PIPES IMMEDIATELY AFTER THEY ARE INSTALLED UNTIL THE SURFACES THAT DRAIN TO THEM ARE COMPLETE OR REVEGETATED.
3. TEMPORARY SEEDING REQUIRED ON ALL DISTURBED AREAS.



LEGEND:

⊕ - INLET FILTER

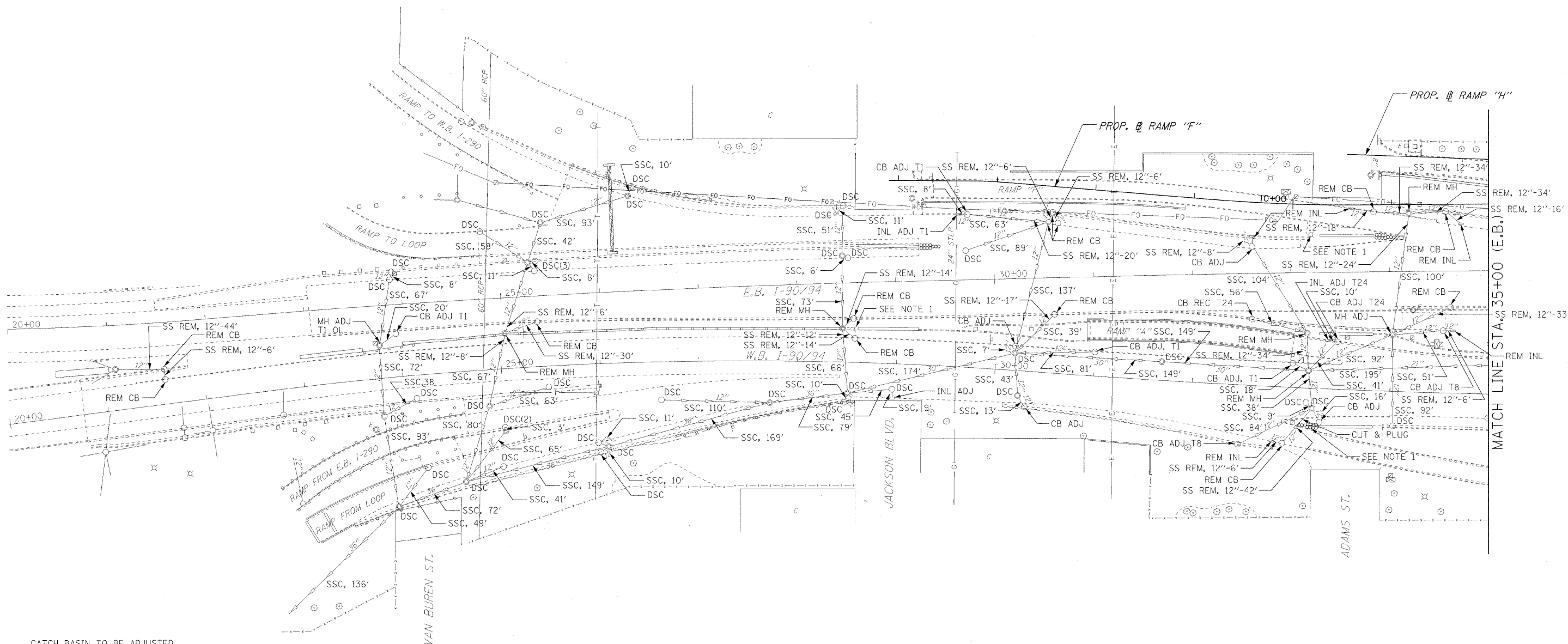
ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY EROSION
CONTROL PLAN
I-90/94 KENNEDY EXPRESSWAY
STA. 50+00 TO STA. 65+00
SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB

\$FILE\$ \$DATE\$ \$TIME\$

NOTES

1. FIRE HYDRANT, ATTACHED VALVE AND VAULT IF PRESENT TO BE REMOVED BY THE CHICAGO DEPARTMENT OF WATER MANAGEMENT. ENGINEER SHOULD CONTACT (312) 744-5070 AS SOON AS POSSIBLE IF THE HYDRANTS HAVE NOT BEEN REMOVED BY THE START OF CONSTRUCTION.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	51
STA. 20+00		TO STA. 35+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				



LEGEND

CB ADJ	CATCH BASIN TO BE ADJUSTED
CB ADJ T1	CATCH BASIN TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
CB ADJ T8	CATCH BASIN TO BE ADJUSTED WITH NEW TYPE 8 GRATE
CB ADJ T24	CATCH BASIN TO BE ADJUSTED WITH NEW TYPE 24 FRAME & GRATE
CB REC T24	CATCH BASIN TO BE RECONSTRUCTED WITH NEW TYPE 24 FRAME & GRATE
MH ADJ	MANHOLE TO BE ADJUSTED
MH ADJ T1C	MANHOLE TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
MH REC	MANHOLE TO BE RECONSTRUCTED
INL ADJ	INLET TO BE ADJUSTED
INL ADJ T1	INLET TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
INL ADJ T24	INLET TO BE ADJUSTED WITH NEW TYPE 24 FRAME & GRATE
REM MH	REMOVE MANHOLE
REM CB	REMOVE CATCH BASIN
REM INL	REMOVE INLET
SS REM, 12\"-14'	STORM SEWER REMOVAL, 12\" DIAMETER, 14 LINEAR FEET
DSC	DRAINAGE STRUCTURE TO BE CLEANED
SSC, 20'	STORM SEWER TO BE CLEANED, 20 LINEAR FEET

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE & UTILITIES
I-90/94 KENNEDY EXPRESSWAY

STA. 20+00 TO STA. 35+00

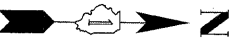
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DATE : 02/06/09DRAWN BY : BEC
CHECKED BY : GB

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NC. _____	GRADES CHECKED		
	BLM. NOTED		
	STRUCTURE NOTAT'NS CHK'D		



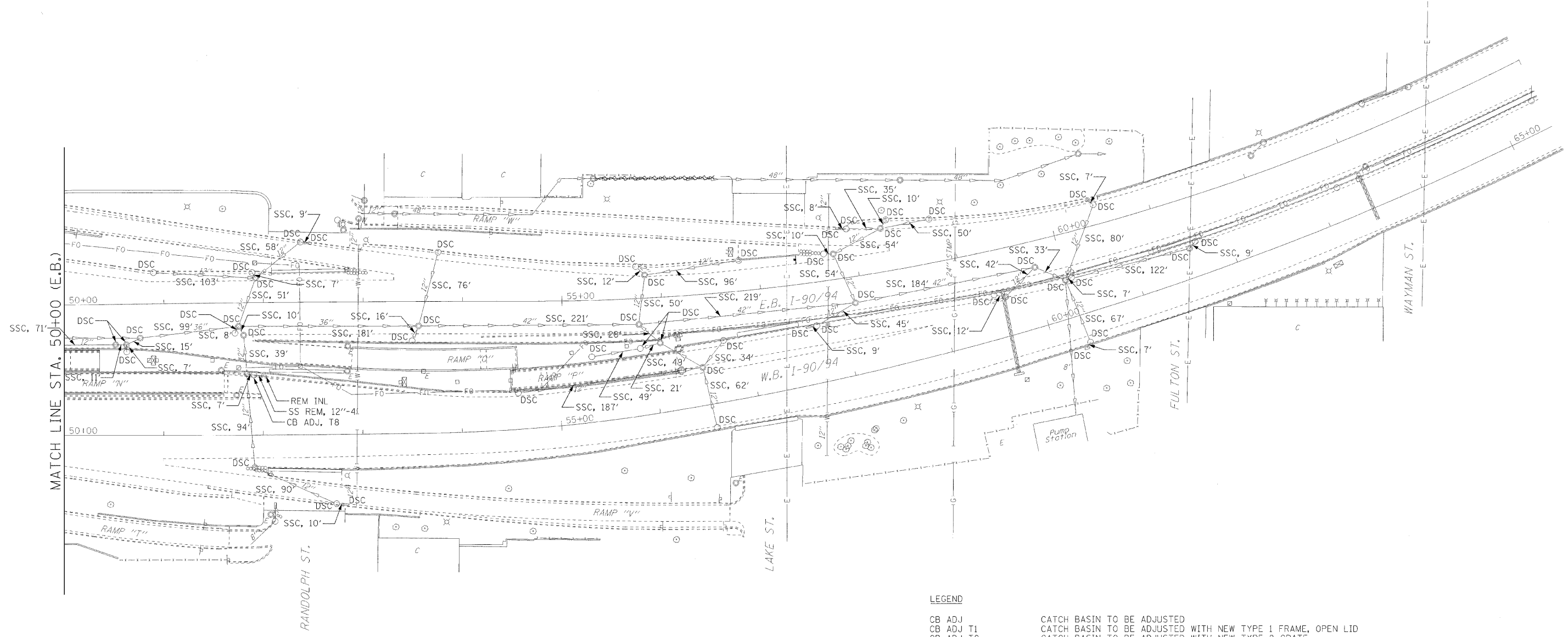
* THIS DRAINAGE STRUCTURE SHALL BE CLEANED AND THE RE SHALL DETERMINE IF THE STRUCTURE SHALL REMAIN OR BE REMOVED.

FILE#	DATE	TIME
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P	AN	SURVEYED	DATE
NOTE BOOK	NO.	ALIGNED CHECKED	BY
		RT. OF WAY CHECKED	
		STUD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	NO.	ALIGNED CHECKED
		RT. OF WAY CHECKED
		STUD FILE NAME



LEGEND

- | | |
|-----------------|--|
| CB ADJ | CATCH BASIN TO BE ADJUSTED |
| CB ADJ T1 | CATCH BASIN TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID |
| CB ADJ T8 | CATCH BASIN TO BE ADJUSTED WITH NEW TYPE 8 GRATE |
| CB ADJ T24 | CATCH BASIN TO BE ADJUSTED WITH NEW TYPE 24 FRAME & GRATE |
| CB REC T24 | CATCH BASIN TO BE RECONSTRUCTED WITH NEW TYPE 24 FRAME & GRATE |
| MH ADJ | MANHOLE TO BE ADJUSTED |
| MH ADJ T1C | MANHOLE TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID |
| MH REC | MANHOLE TO BE RECONSTRUCTED |
| INL ADJ | INLET TO BE ADJUSTED |
| INL ADJ T1 | INLET TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID |
| INL ADJ T24 | INLET TO BE ADJUSTED WITH NEW TYPE 24 FRAME & GRATE |
| REM MH | REMOVE MANHOLE |
| REM CB | REMOVE CATCH BASIN |
| REM INL | REMOVE INLET |
| SS REM, 12"-14" | STORM SEWER REMOVAL, 12" DIAMETER, 14 LINEAR FEET |
| DSC | DRAINAGE STRUCTURE TO BE CLEANED |
| SSC, 20' | STORM SEWER TO BE CLEANED, 20 LINEAR FEET |

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE & UTILITIES

I-90/94 KENNEDY EXPRESSWAY

STA. 50+00 TO STA. 65+00

SCALE : 1" = 50'
DATE : 02/06/09

DRAWN BY : BEC
CHECKED BY : CB

1. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED OF PRECAST REINFORCED CONCRETE SECTIONS.
2. OFFSETS AND RIM ELEVATIONS FOR DRAINAGE STRUCTURES WHICH ARE LOCATED IN THE GUTTER ARE GIVEN TO THE EDGE OF PAVEMENT.
3. OFFSETS AND RIM ELEVATIONS FOR DRAINAGE STRUCTURES NOT LOCATED IN THE GUTTER ARE GIVEN TO THE CENTER OF THE STRUCTURE.
4. ALL CONNECTIONS TO EXISTING STRUCTURES OR PIPES SHALL BE CORE DRILLED. COST OF THE CONNECTIONS SHALL BE CONSIDERED AS INCLUDED IN THE INSTALLATION OF THE APPROPRIATE STORM SEWER.
5. THE COST OF ALL BENDS, TEES, WYES, BULKHEADS OR TRANSITIONS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF STORM SEWER ITEMS.
6. FLAT TOPS SHALL BE PROVIDED ON ALL STRUCTURES WHEN THE TOP OF THE PIPE IS LESS THAN 3.75 FEET BELOW THE RIM ELEVATION FOR 4 FOOT DIA. STRUCTURES, AND 5.00 FEET BELOW THE RIM ELEVATION FOR 5 FOOT DIA. STRUCTURES.

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE & UTILITIES

I-90/94 KENNEDY EXPRESSWAY

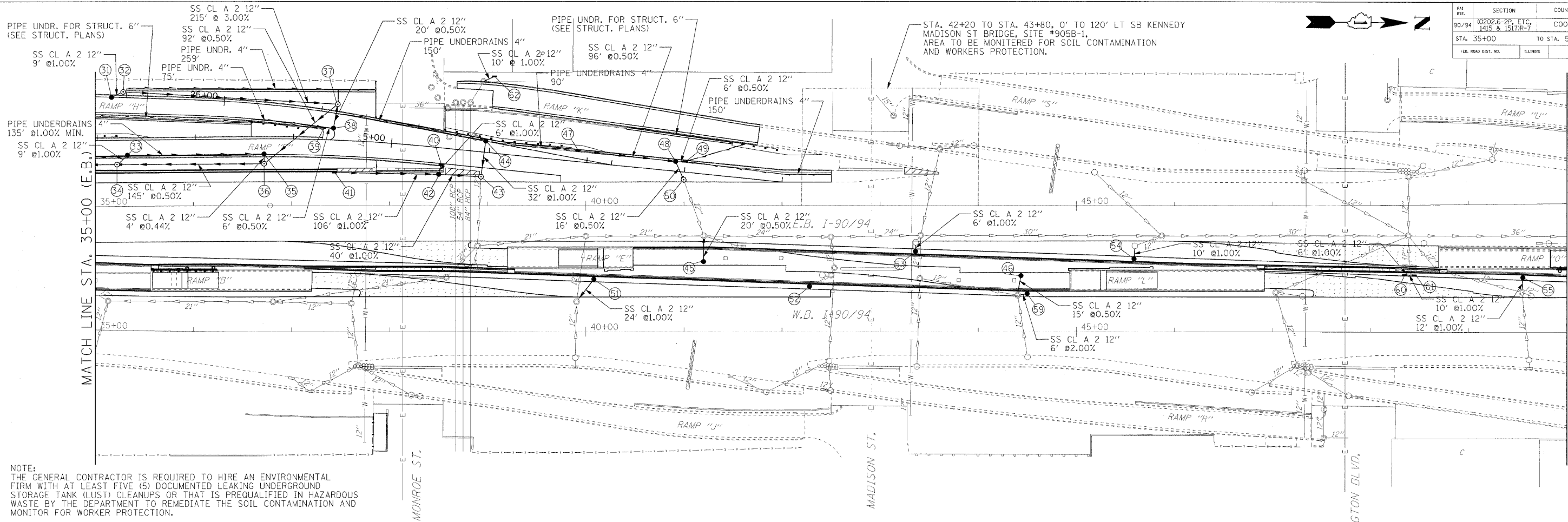
STA. 20+00 TO STA. 35+00

SCALE : 1" = 50'
DATE : 02/27/09

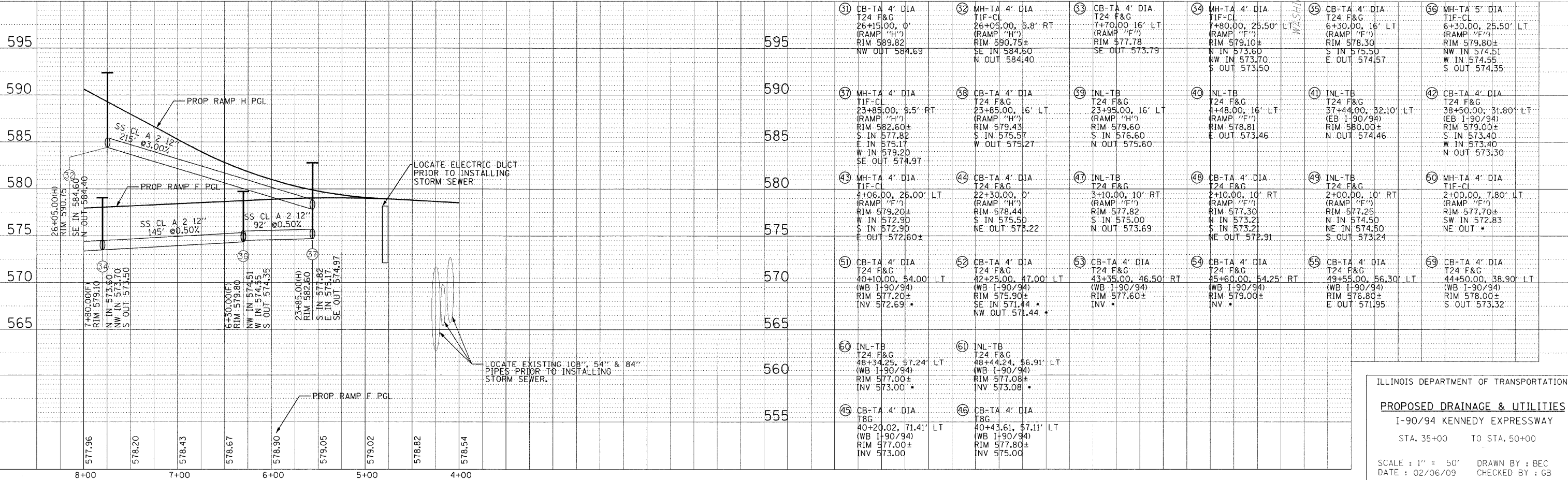
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SURVEYED		
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PROFILE	DATE	BY
SURVEYED		
DESIGNED		
CHECKED		
NOTED		
NO.		



NOTE:
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



ILLINOIS DEPARTMENT OF TRANSPORTATION

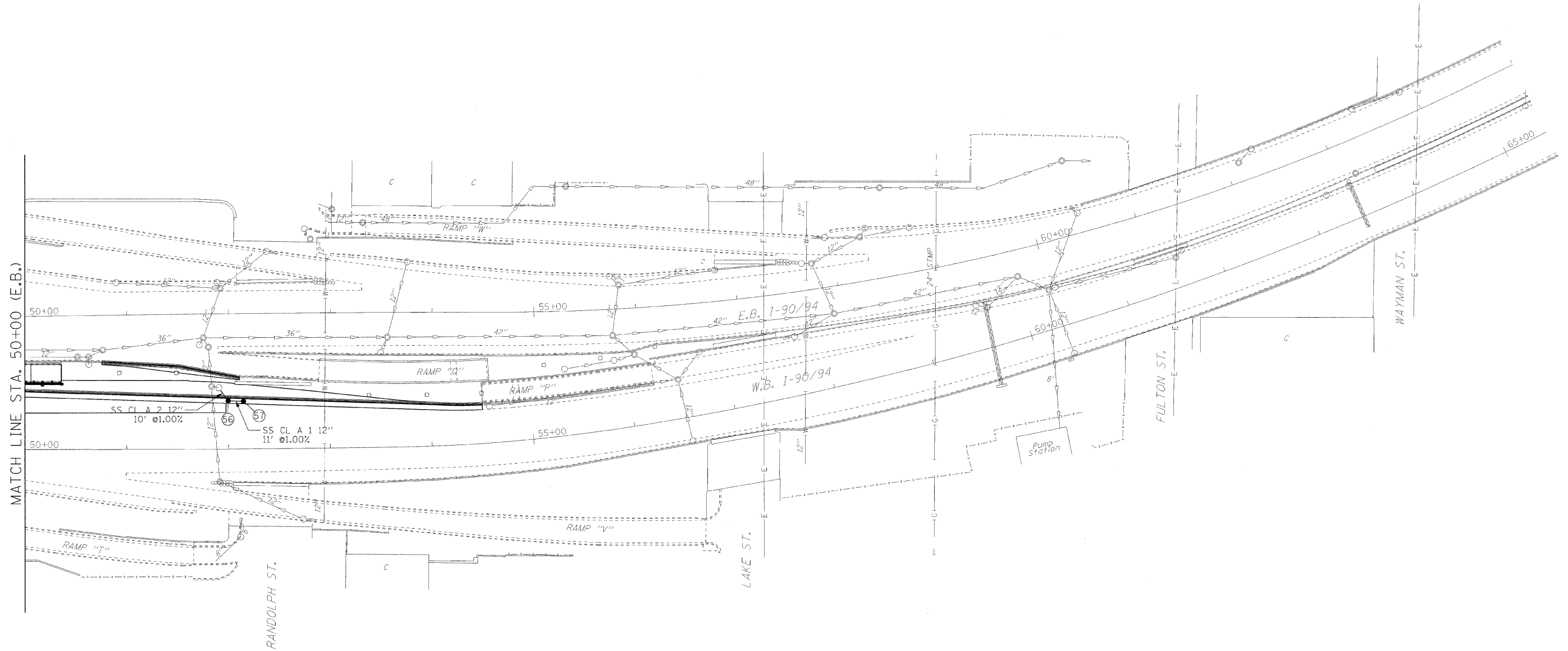
PROPOSED DRAINAGE & UTILITIES
I-90/94 KENNEDY EXPRESSWAY

STA. 35+00 TO STA. 50+00

SCALE: 1" = 50'
DATE: 02/06/09
DRAWN BY: BEC
CHECKED BY: GB

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1512R-7	COOK	246	56
STA. 50+00		TO STA. 65+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				



- 56 CB-TA 4' DIA
T24 F&G
52+00.00, 49.90' LT
(WB I-90/94)
RIM 578.30±
N IN 575.10
SW OUT 575.00
- 57 CB-TA 4' DIA
T24 F&G
52+15.00, 49.30' LT
(WB I-90/94)
RIM 578.20±
INV 575.21

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE & UTILITIES

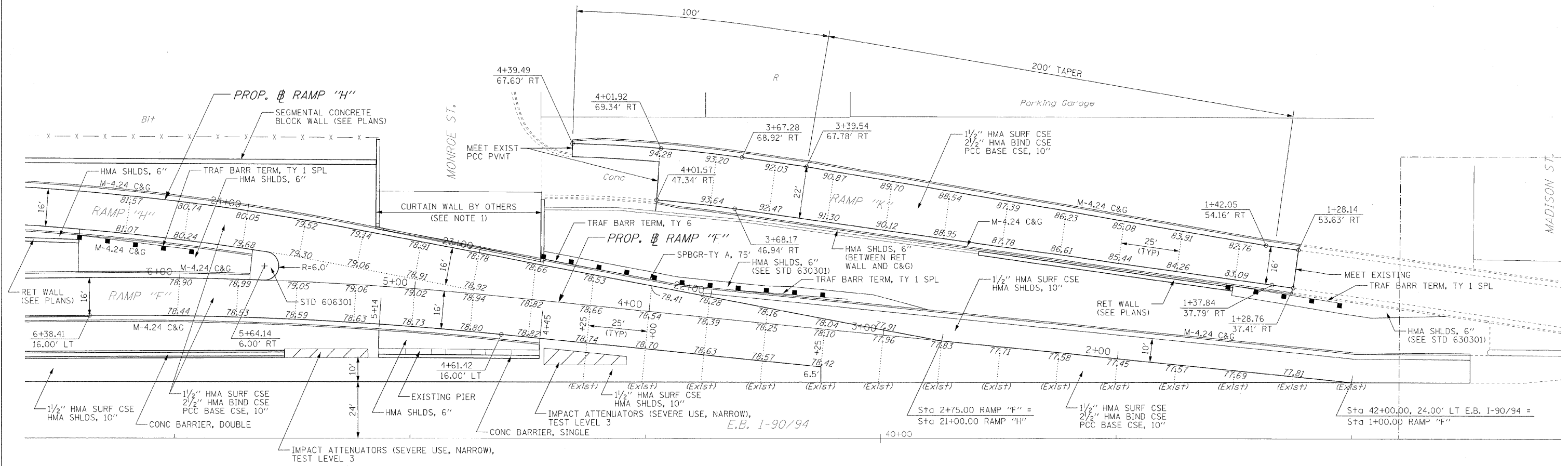
I-90/94 KENNEDY EXPRESSWAY

STA. 50+00 TO STA. 65+00

SCALE : 1" = 50'
DATE : 02/06/09

DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	02026-2P, ETC, 1415 & 1517R-7	COOK	246	57
STA. 35+00		TO STA. 50+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				



- NOTE:
- MONROE ST CURTAIN WALL HAS BEEN RECONSTRUCTED WITH MONROE ST BRIDGE REPAIRS. FIELD VERIFY EXISTING CURTAIN WALL LOCATION AND LAYOUT FOR PROPOSED IMPROVEMENTS.
 - ALL STATIONS AND OFFSETS FOR RAMP 'K' ARE GIVEN OFF OF THE BASELINE OF RAMP 'F'.
 - ALL EXISTING ELEVATIONS SHALL BE FIELD VERIFIED FROM PREVIOUS RESURFACING CONTRACT.

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL

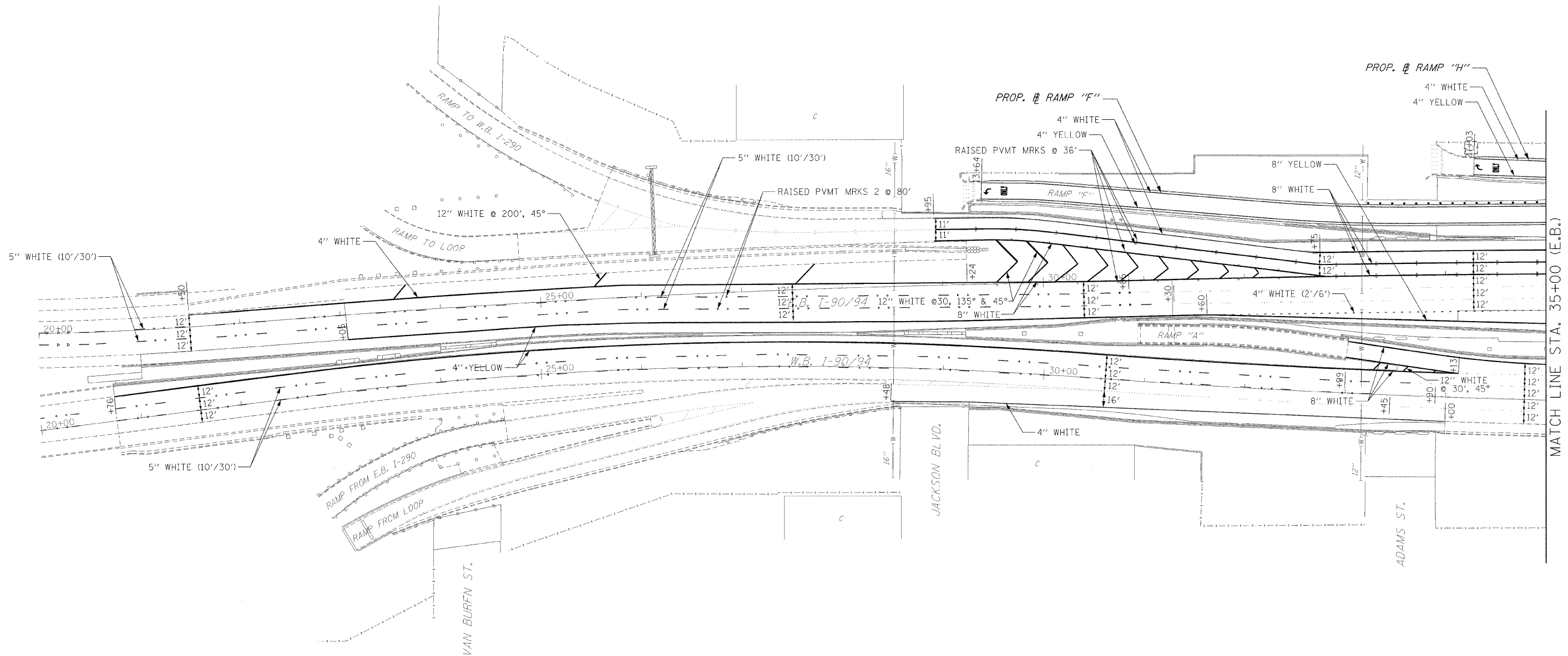
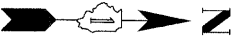
RAMP "F" & RAMP "H"

STA. TO STA.

SCALE : 1" = 20'
DATE : 02/06/09

DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	58
STA. 20+00		TO STA. 35+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				



ADDITIONAL PAVEMENT MARKING SCHEDULE						
ALIGN.	STA.	OFFSET	STA.	OFFSET	LINE	
W.B.	15+53	12' LT	20+00	12' LT	5" @ 10'/30'	
W.B.	15+98	0' LT	20+00	0' LT	5" @ 10'/30'	
E.B.	19+10	12' RT	20+00	12' RT	5" @ 10'/30'	
E.B.	19+55	0' RT	20+00	0' RT	5" @ 10'/30'	

NOTE:
THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR ALL
EDGE LINES, GORE LINES, AND DIAGONALS ON BITUMINOUS PAVEMENT.
PREFORMED PLASTIC PAVEMENT MARKINGS SHALL BE USED FOR
ALL LANE LINES. PREFORMED PLASTIC MARKINGS SHALL EITHER BE
INLAID OR GROOVED IN PER MANUFACTURES INSTRUCTIONS.

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

I-90/94 KENNEDY EXPRESSWAY

STA. 20+00 TO STA. 35+00

SCALE : 1" = 50' DRAWN BY : BEC
DATE : 02/27/09 CHECKED BY : CB

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PLAN	DATE
DESIGNED BY	
CHECKED BY	
IN CHARGE BY	
NOTE BOOK NO.	

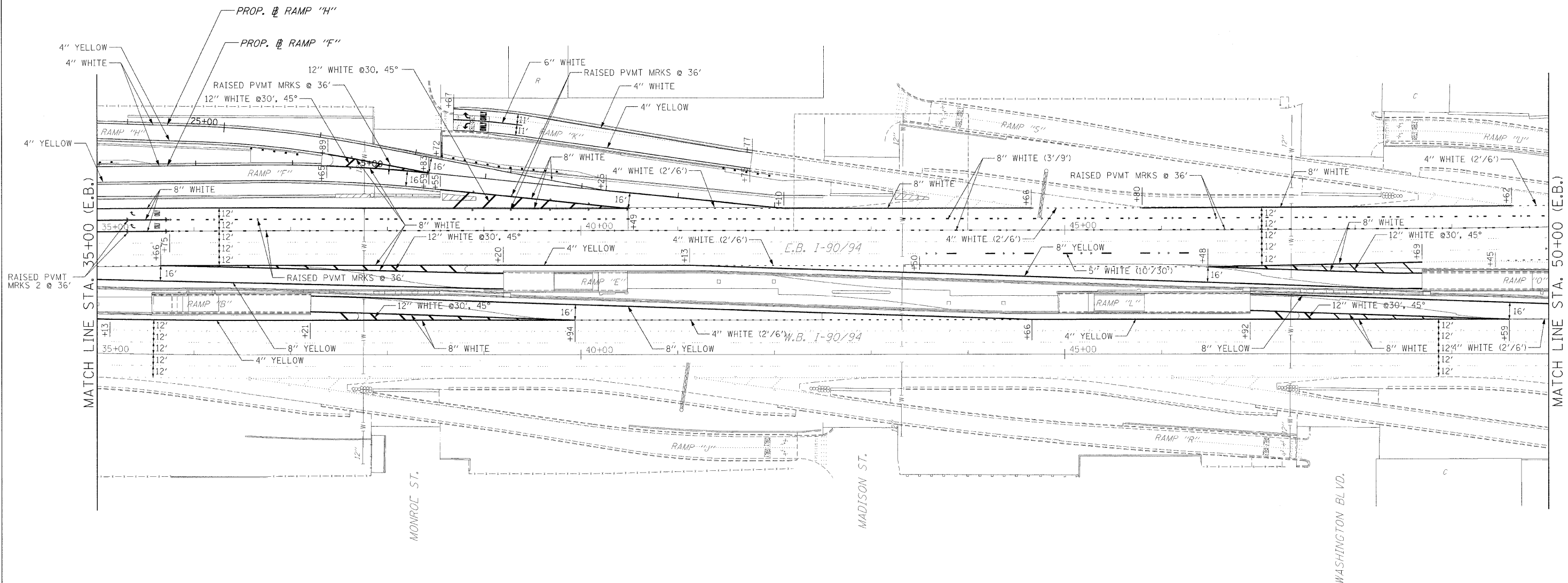
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CHECKED BY	
IN CHARGE BY	
NOTE BOOK NO.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	59
STA. 35+00		TO STA. 50+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				



PLAN	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
CHECKED		
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CAND. FILE NAME		

PROFILE	DATE	BY
SURVEYED		
NOTED		
CHECKED		
NO.		
STRUCTURE NOTATIONS ORID		



NOTE:
THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR ALL
EDGE LINES, GORE LINES, AND DIAGONALS ON BITUMINOUS PAVEMENT.
PREFORMED PLASTIC PAVEMENT MARKINGS SHALL BE USED FOR
ALL LANE LINES. PREFORMED PLASTIC MARKINGS SHALL EITHER BE
INLAID OR GROOVED IN PER MANUFACTURES INSTRUCTIONS.

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

I-90/94 KENNEDY EXPRESSWAY

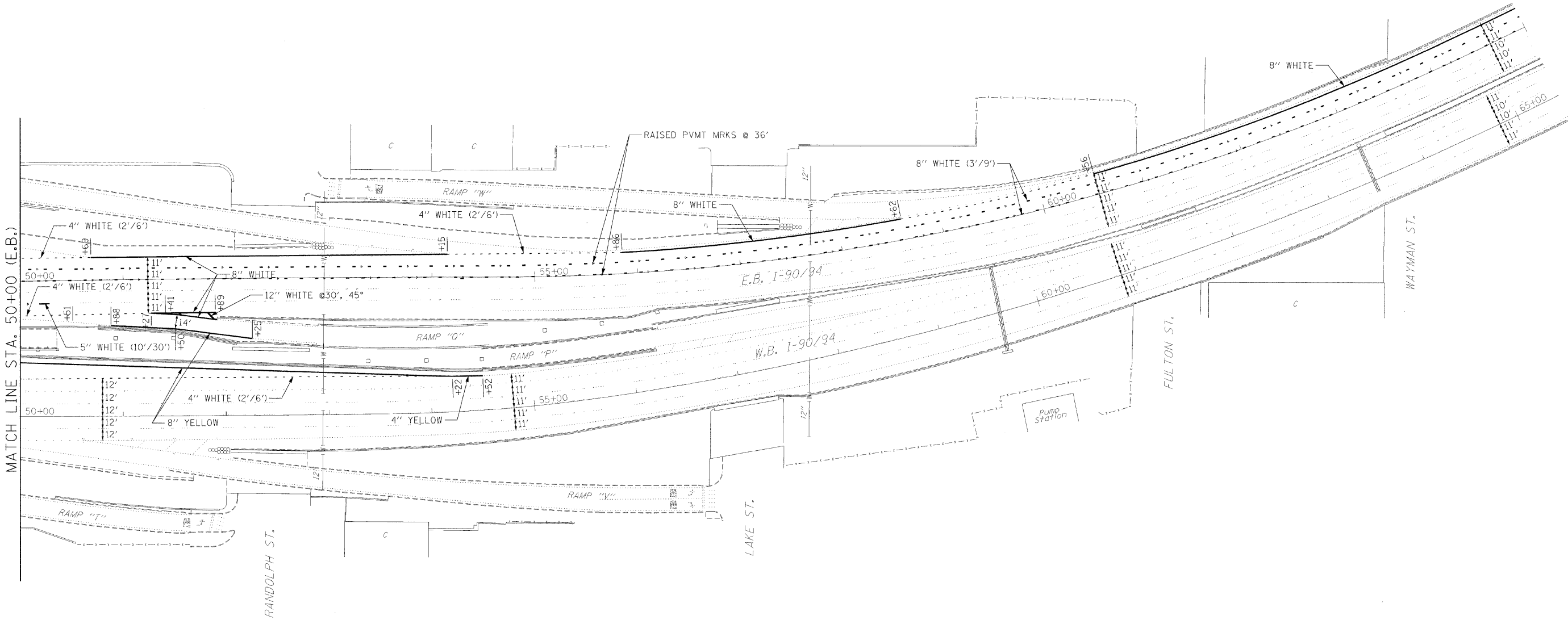
STA. 35+00 TO STA. 50+00

SCALE : 1" = 50'
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DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	10202.6-2P, ETC, 1415 & 1517R-7	COOK	246	60
STA. 50+00		TO STA. 65+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

ADDITIONAL PAVEMENT MARKING SCHEDULE					
ALIGN.	STA.	OFFSET	STA.	OFFSET	LINE
E.B.	65+00	11' LT	100+45	11' LT	8" @ 3'/9'
E.B.	65+00	0' LT	100+45	0' LT	8" @ 3'/9'
E.B.	82+95	22' LT	99+40	22' LT	8"
E.B.	65+00	22' LT	78+35	22' LT	8"
E.B.	82+00	24' RT	92+00	24' RT	5" @ 10'/30'

* 99 RAISED REFLECTIVE PAVEMENT MARKERS REQUIRED WITH THIS LINE OF PAVEMENT MARKING



NOTE:
THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR ALL
EDGE LINES, GORE LINES, AND DIAGONALS ON BITUMINOUS PAVEMENT.
PREFORMED PLASTIC PAVEMENT MARKINGS SHALL BE USED FOR
ALL LANE LINES. PREFORMED PLASTIC MARKINGS SHALL EITHER BE
INLAID OR GROOVED IN PER MANUFACTURES INSTRUCTIONS.

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

I-90/94 KENNEDY EXPRESSWAY

STA. 50+00 TO STA. 65+00

SCALE : 1" = 50'

DATE : 02/27/09

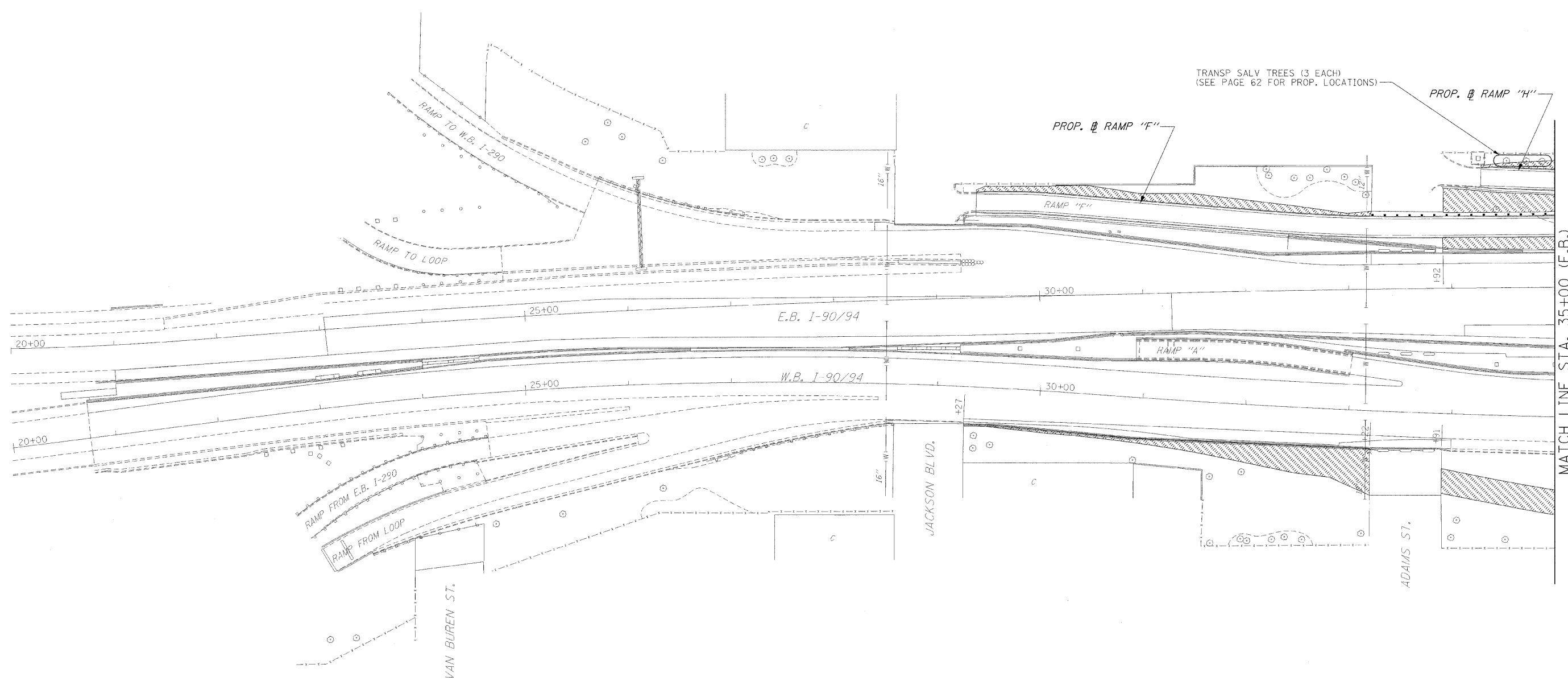
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CHECKED BY : CB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	10202.6-2P, ETC, 1415 & 1517R-7	COOK	246	61
STA. 20+00		TO STA. 35+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

LEGEND

 SODDING SALT TOLERANT



MATCH LINE STA. 35+00 (E.B.)

ILLINOIS DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN

I-90/94 KENNEDY EXPRESSWAY

STA. 20+00 TO STA. 35+00

SCALE : 1" = 50'
DATE : 02/27/09

DRAWN BY : BEC
CHECKED BY : GB

M:\Proj\R94P2-RAMP\941s 20.dgn 2/20/2009 2:55:52 PM

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

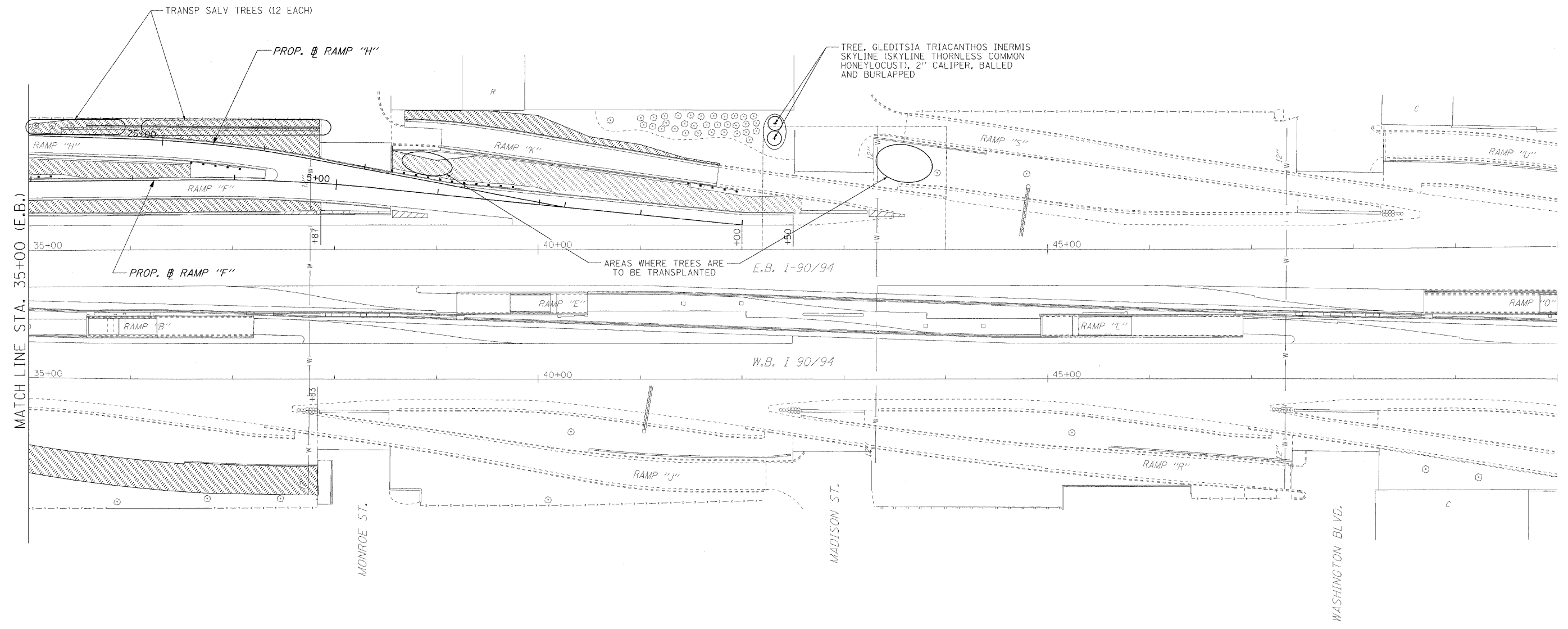
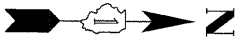
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SURVEYED	BY
GRADES CHECKED	CHECKED
STRUCTURE NOTATION	DATE
NOTE BOOK	NO.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	10202.6-2P, ETC, 1415 & 1517R-7	COOK	246	62
STA. 35+00		TO STA. 50+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

LEGEND



SODDING SALT TOLERANT



ILLINOIS DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN

I-90/94 KENNEDY EXPRESSWAY

STA. 35+00 TO STA. 50+00

SCALE : 1" = 50'

DATE : 02/06/09

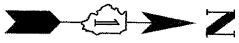
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CHECKED BY : GB

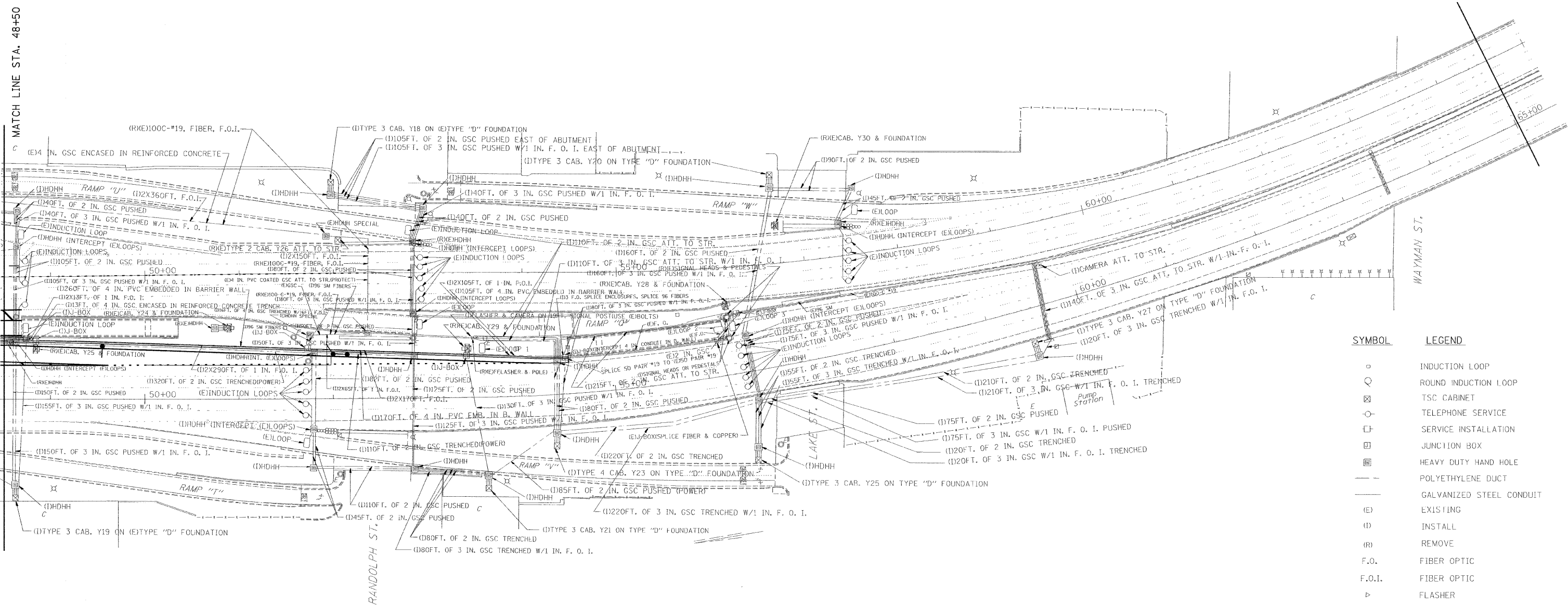
PLAN	DATE
SURVEYED	
NOTED	
ALIGNED	
CHECKED	
BY	
DATE	

PROFILE	DATE
SURVEYED	
NOTED	
GRADES CHECKED	
BY	
DATE	

P.A. SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	1101.6 (RP, 2P) & 0202.6 (DPY ET AL)	COOK	246	64
STA. 48+50	TO STA. 65+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62408				



MATCH LINE STA. 48+50 (E.B.)



SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
○	TELEPHONE SERVICE
⊞	SERVICE INSTALLATION
⊞	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
—	POLYETHYLENE DUCT
—	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(I)	INSTALL
(R)	REMOVE
F.O.	FIBER OPTIC
F.O.I.	FIBER OPTIC
▷	FLASHER
◻	CAMERA

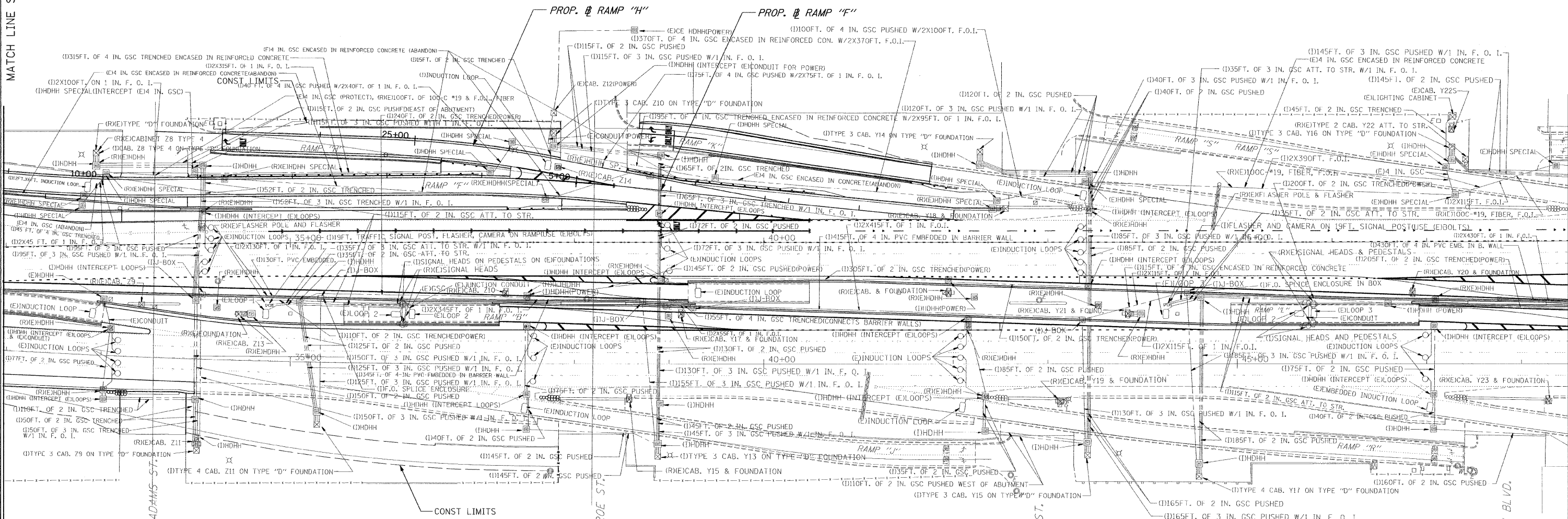
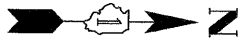
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
PROPOSED PLAN
I-90/94 KENNEDY EXPRESSWAY
STA. 48+50 TO STA. 65+00
SCALE: VERT. 1" = 50'
HORIZ. 1" = 50'
DATE 03/25/2004
DRAWN BY G.M.
CHECKED BY J.G.

TRAFFIC SYSTEMS CENTER

F. A. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	001.5 (P.2P) & 002.6 (P) ET AL	COOK	246	65
STA. 32+00	TO STA. 48+50			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62408				

MATCH LINE STA. 32+00 (E.B.)



MATCH LINE STA. 48+50 (E.B.)

SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
○	TELEPHONE SERVICE
⊠	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊠	HEAVY DUTY HAND HOLE
—	POLYETHYLENE DUCT
—	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(I)	INSTALL
(R)	REMOVE
F.O.	FIBER OPTIC
F.O.I.	FIBER OPTIC
▷	FLASHER
▷	CAMERA

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

PROPOSED PLAN
I-90/94 KENNEDY EXPRESSWAY
STA. 32+00 TO STA. 48+50

SCALE: VERT. 1" = 50'
HORIZ. 1" = 50'

DATE 03/25/2004

DRAWN BY G.M.
CHECKED BY J.G.

TRAFFIC SYSTEMS CENTER

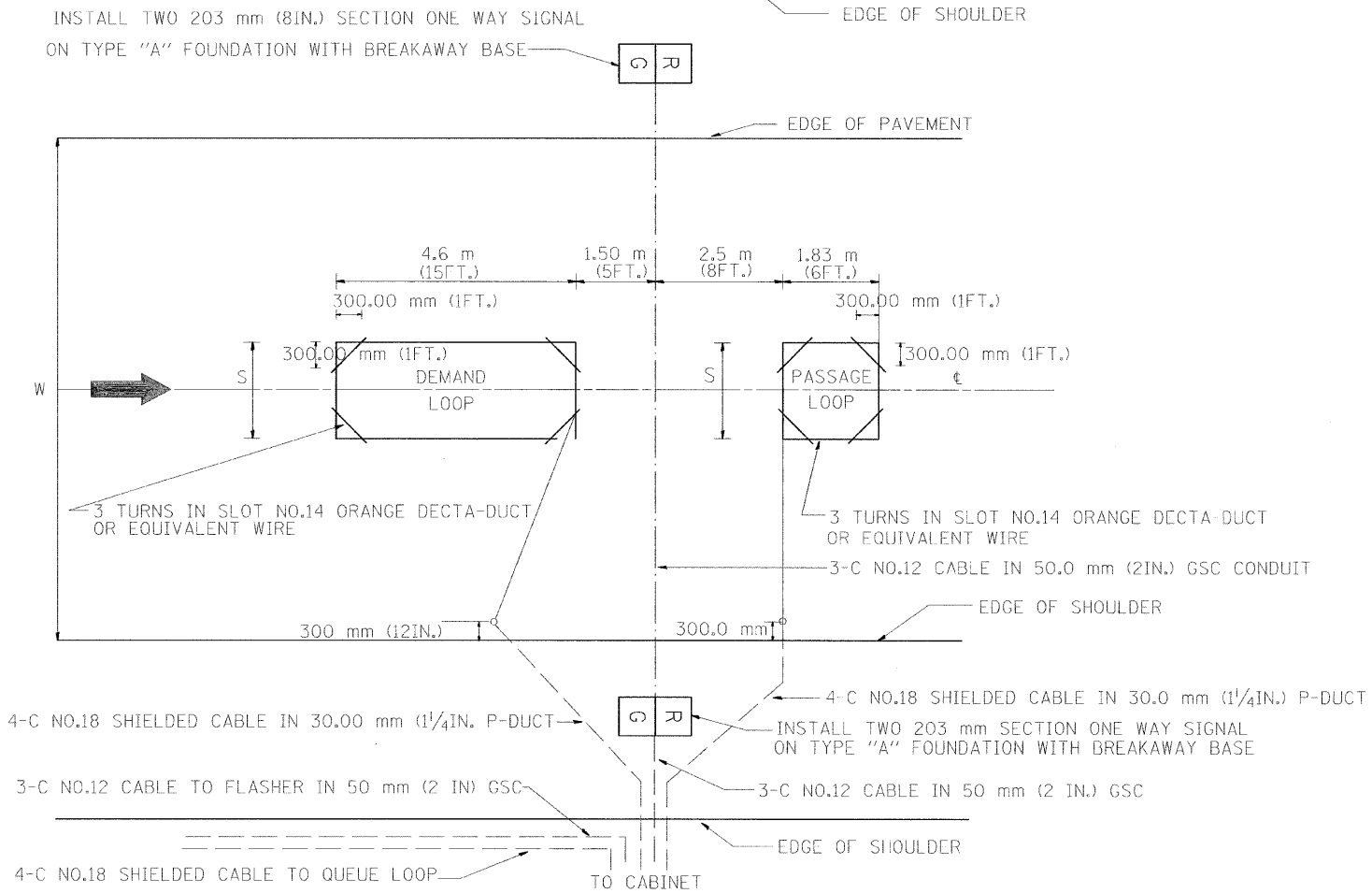
94PP35.DGN
RD=

VI=

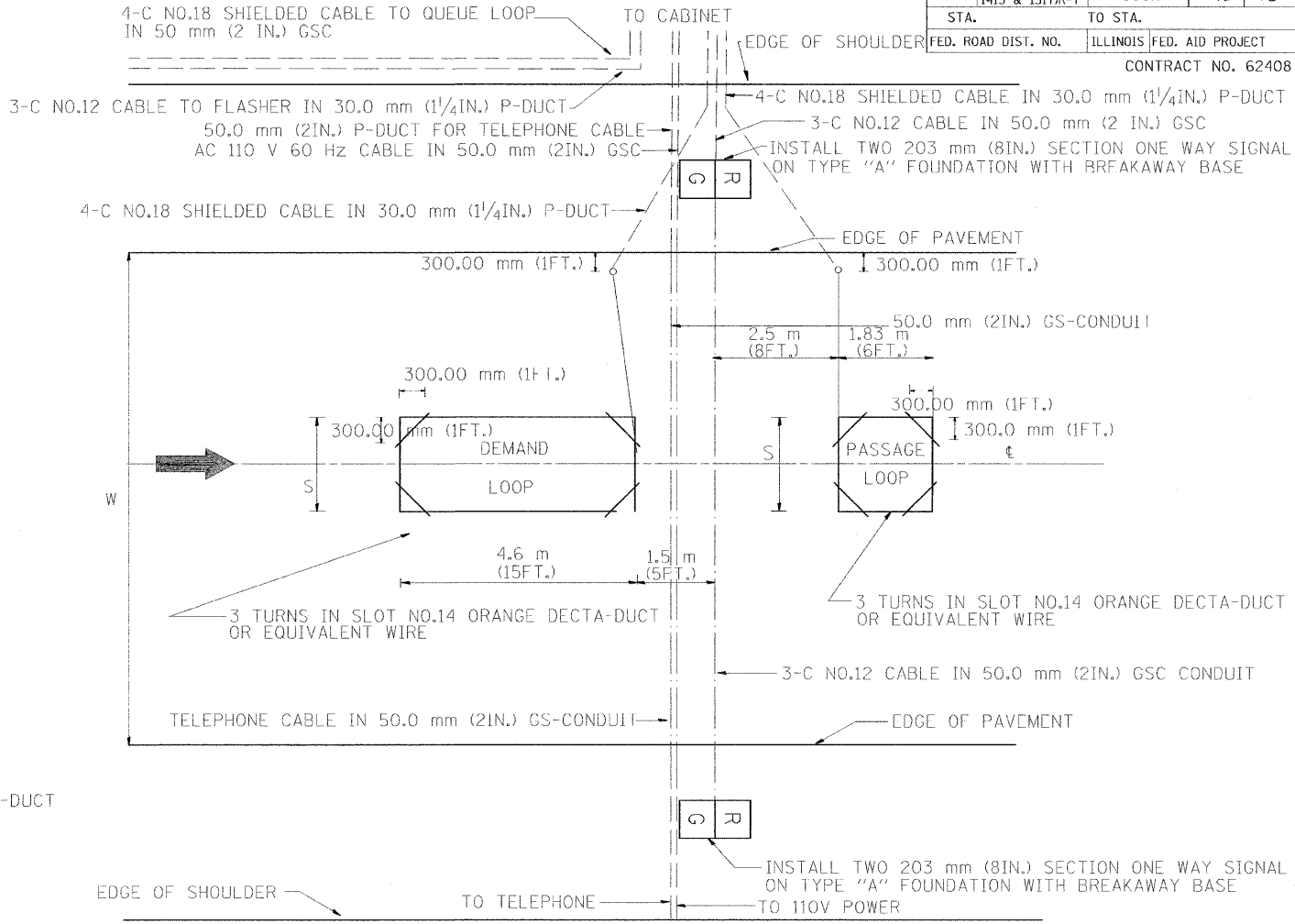
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	66
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

CONTRACT NO. 62408

INSTALL TWO 203 mm (8IN.) SECTION ONE WAY SIGNAL ON TYPE "A" FOUNDATION WITH BREAKAWAY BASE



TYPICAL SIGNAL AND LOOP LAYOUT (TYPE I)

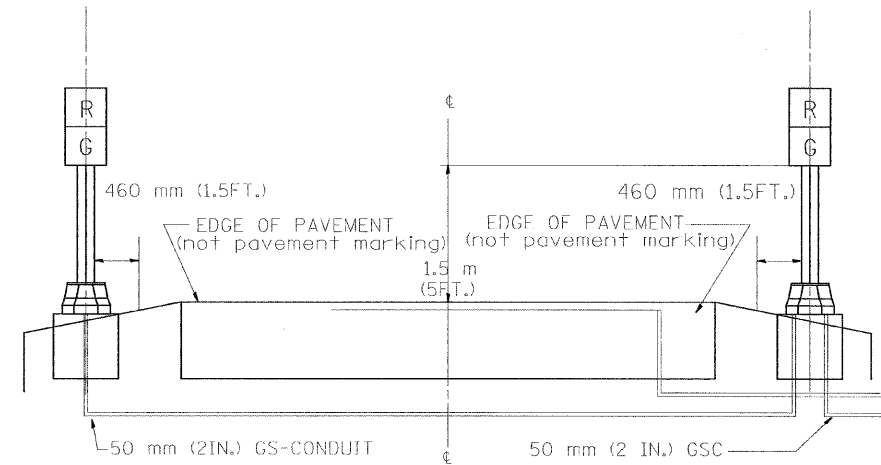


TYPICAL SIGNAL AND LOOP LAYOUT (TYPE II)

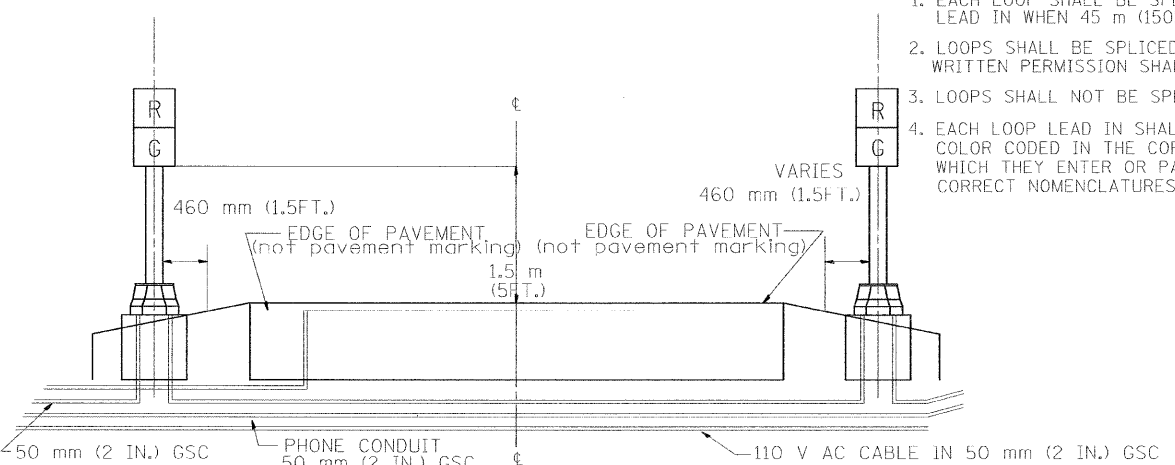
NOTE: ALL SIGNALS & FOUNDATIONS SHALL BE FIELD LOCATED FOR ACTUAL SITE AND TRAFFIC CONDITIONS.

- NOTES
1. EACH LOOP SHALL BE SPliced TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
 2. LOOPS SHALL BE SPliced IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
 3. LOOPS SHALL NOT BE SPliced IN SERIES.
 4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

TABLE 1	
WIDTH (W)	WIDTH (S)
3.7 m (12')	2.5 m (8')
4.0 m (13')	2.8 m (9')
4.3 m (14')	3.1 m (10')
4.6 m (15')	3.4 m (11')
4.9 m (16')	3.7 m (12')
5.2 m (17')	4.0 m (13')
5.5 m (18')	4.3 m (14')
5.8 m (19')	4.6 m (15')
6.1 m (20')	4.9 m (16')
6.4 m (21')	5.2 m (17')
6.7 m (22')	5.5 m (18')
7.0 m (23')	5.8 m (19')
7.3 m (24')	6.1 m (20')
7.6 m (25')	6.4 m (21')



SECTION



SECTION

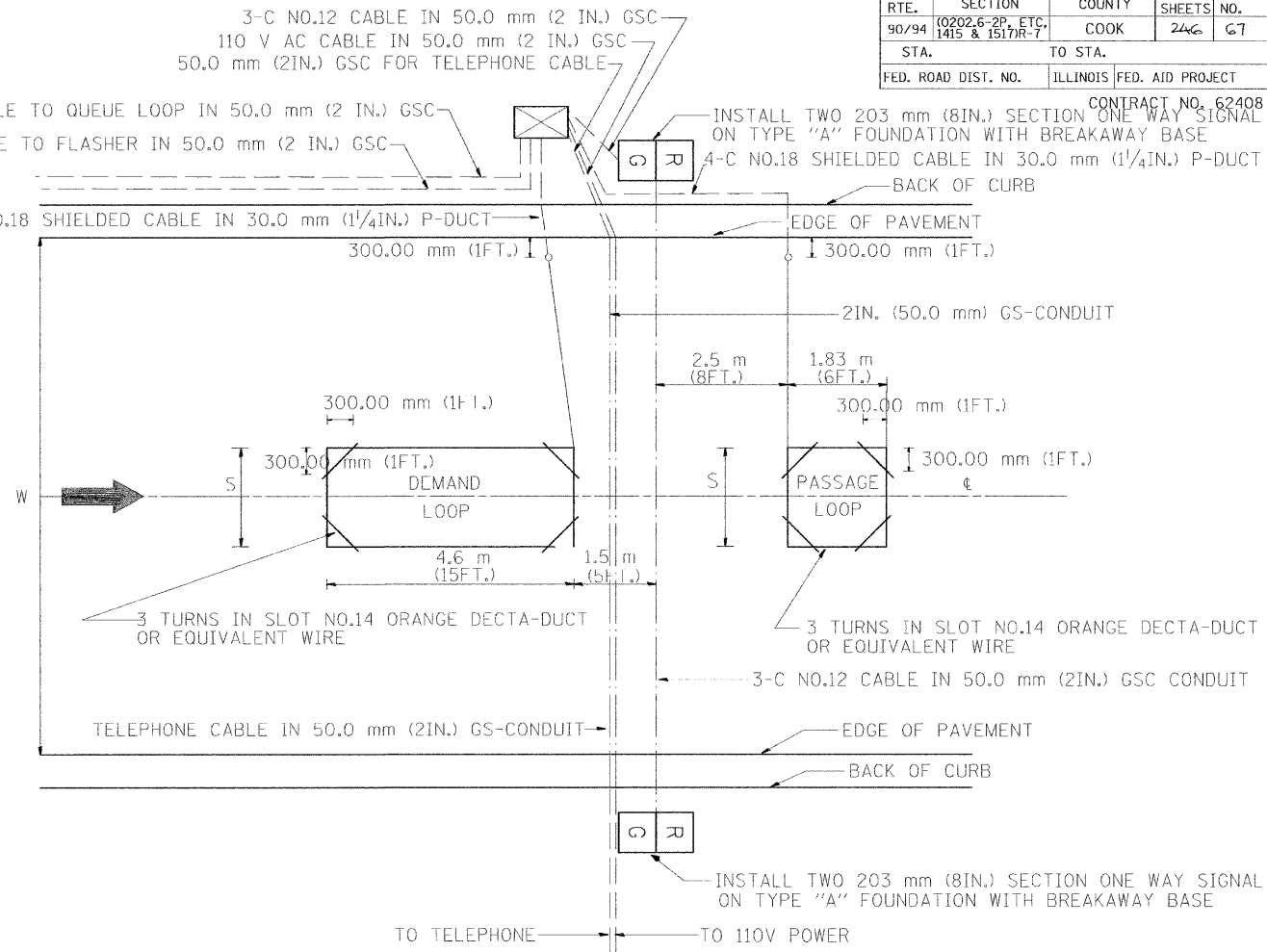
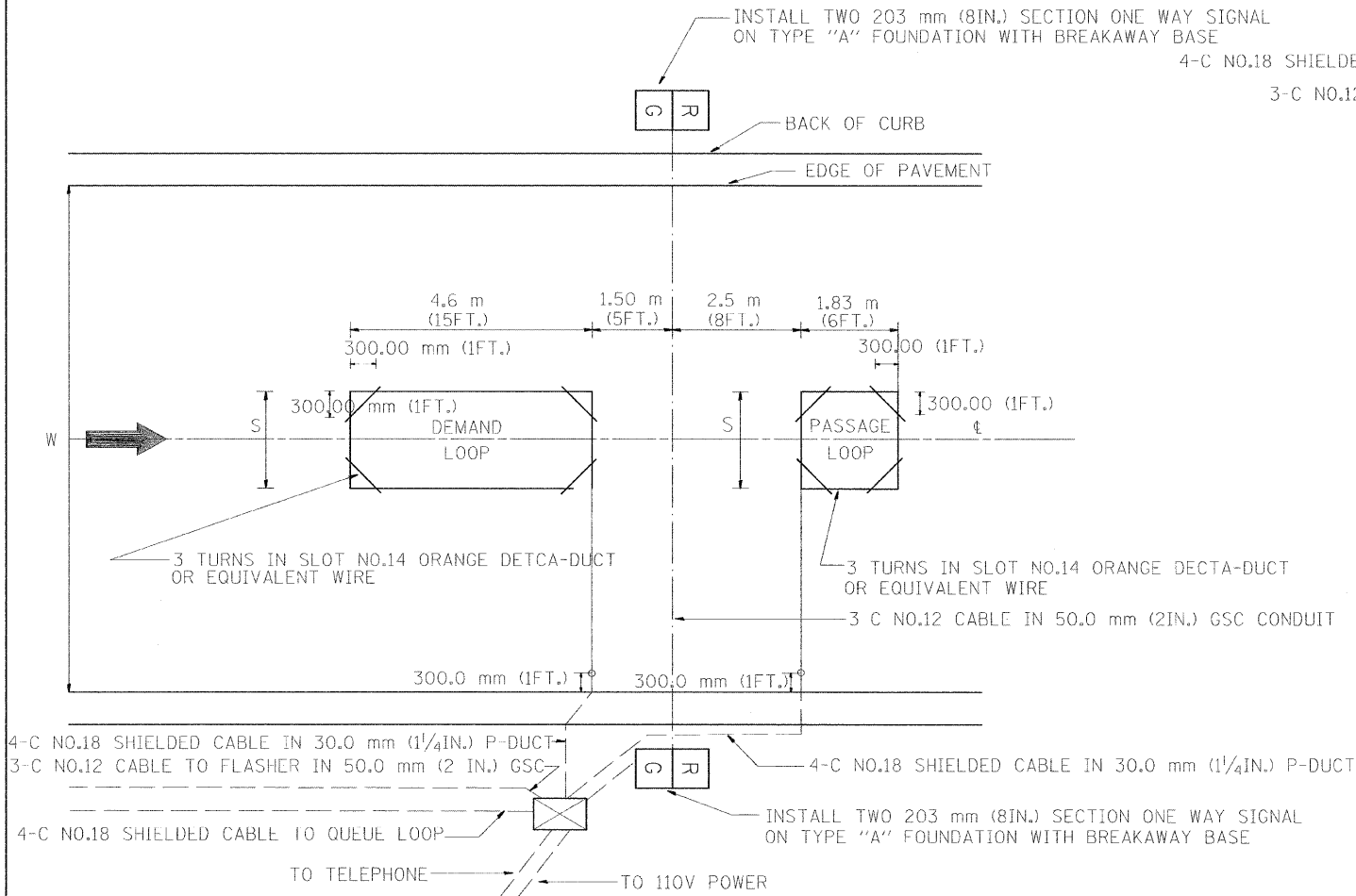
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	
NAME	DATE	TYPICAL RAMP METERING INSTALLATION TYPE I & II (FOR RAMP WITHOUT CURBS & GUTTERS)	
R.L.	6/94	SCALE: VERT. NONE HORIZ. DATE 6-22-94	
T.C.	9/96	DRAWN BY C.M.	
R.L.	2/98	CHECKED BY R.L.	

RD=TYPMET.DGN
RF=

VI-4001

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	67
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

CONTRACT NO. 62408



TYPICAL SIGNAL AND LOOP LAYOUT (TYPE I)

TYPICAL SIGNAL AND LOOP LAYOUT (TYPE II)

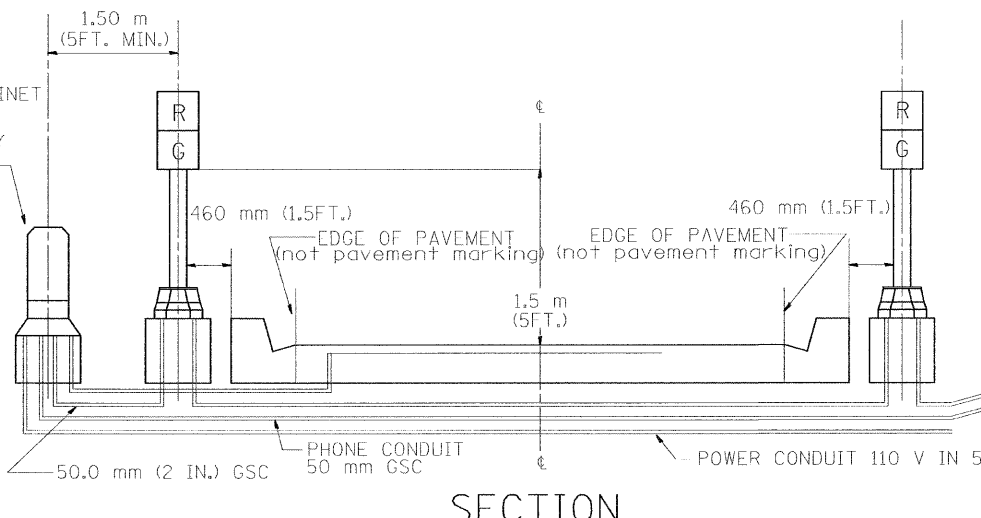
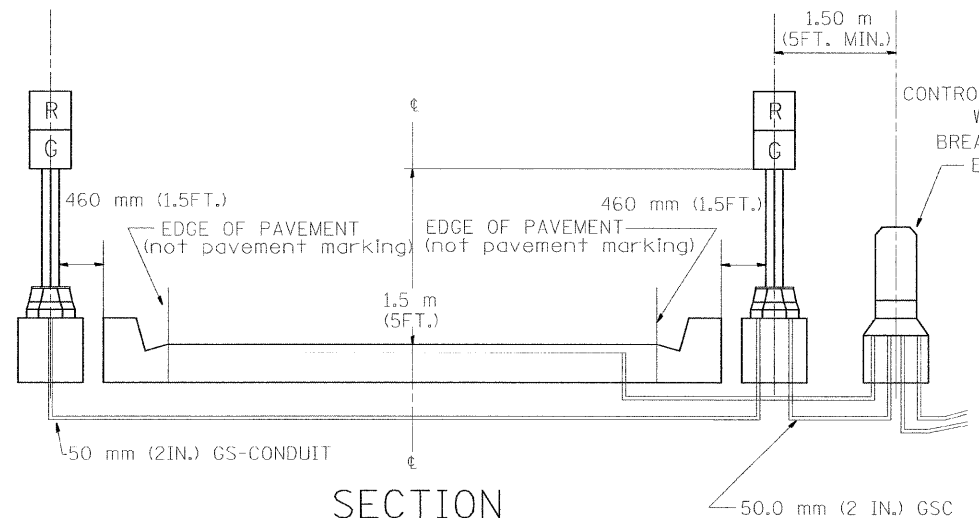


TABLE 1	
WIDTH (W)	WIDTH (S)
3.7 m (12')	2.5 m (8')
4.0 m (13')	2.8 m (9')
4.3 m (14')	3.1 m (10')
4.6 m (15')	3.4 m (11')
4.9 m (16')	3.7 m (12')
5.2 m (17')	4.0 m (13')
5.5 m (18')	4.3 m (14')
5.8 m (19')	4.6 m (15')
6.1 m (20')	4.9 m (16')
6.4 m (21')	5.2 m (17')
6.7 m (22')	5.5 m (18')
7.0 m (23')	5.8 m (19')
7.3 m (24')	6.1 m (20')
7.6 m (25')	6.4 m (21')

- NOTES
1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 150FT. (45 m) OR MORE FROM CABINET.
 2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
 3. LOOPS SHALL NOT BE SPLICED IN SERIES.
 4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

REVISIONS	
NAME	DATE
R.L.	6/94
T.C.	9/96
R.L.	2/98

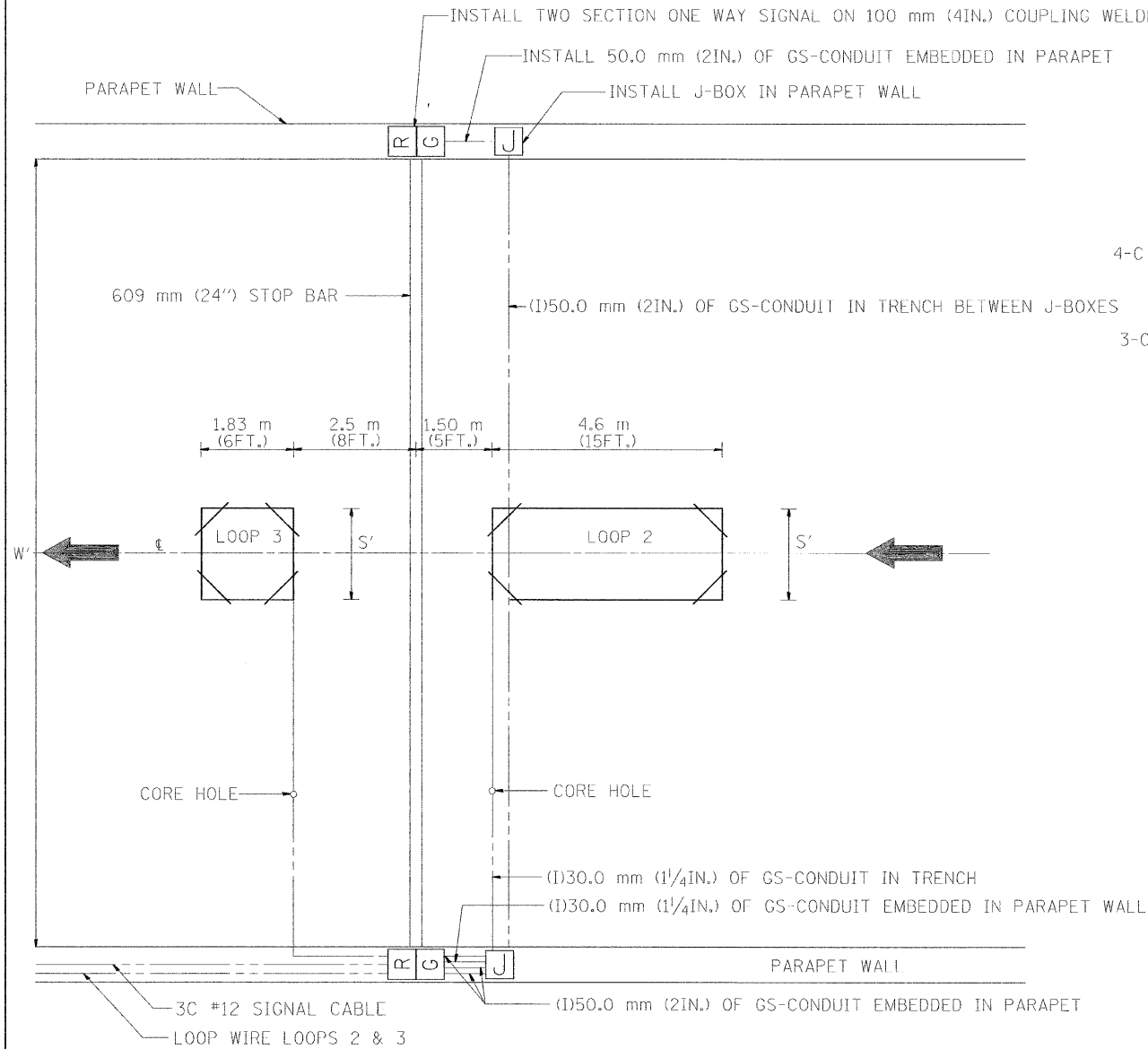
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
**TYPICAL RAMP METERING
INSTALLATION TYPE I & II
(WITH CURB & GUTTER)**

SCALE: VERT. NONE
HORIZ. DATE 6-22-94

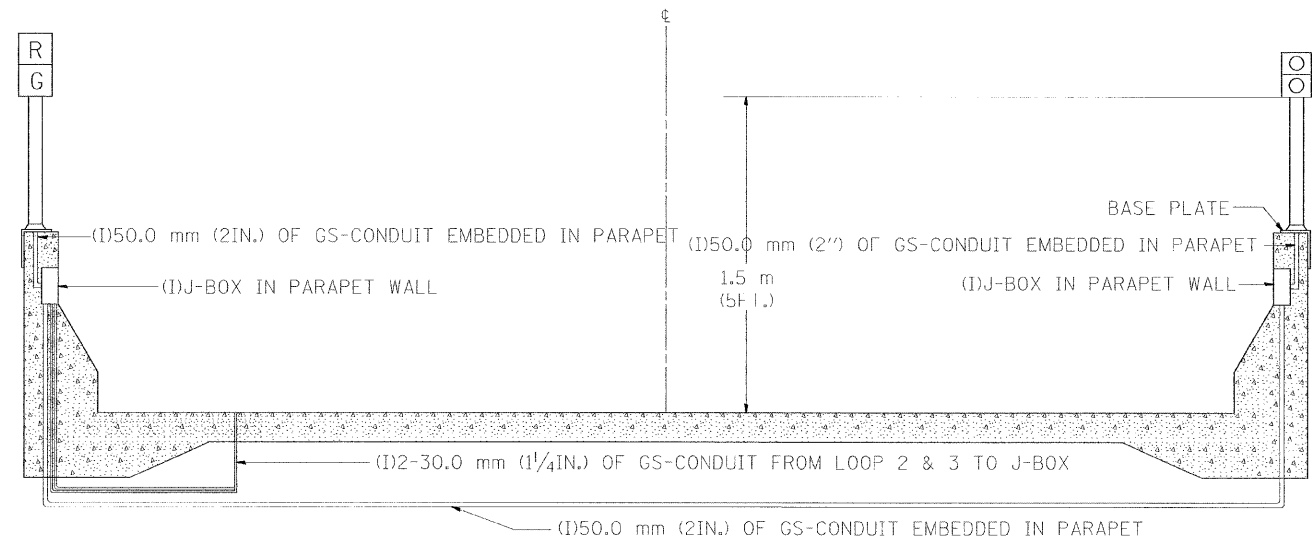
DRAWN BY G.M.
CHECKED BY R.L.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	68
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

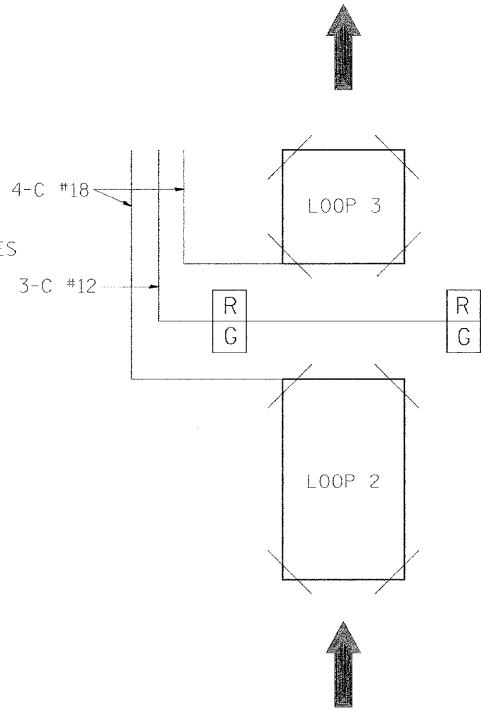
CONTRACT NO. 62408



TYPICAL LOOP LAYOUT



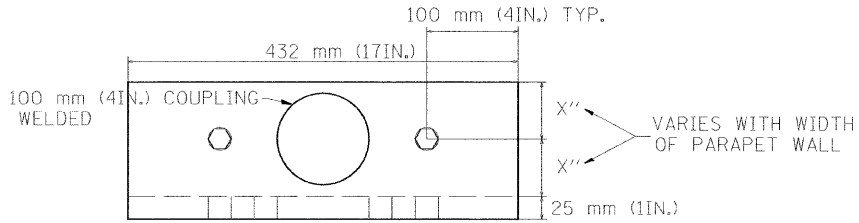
SECTION



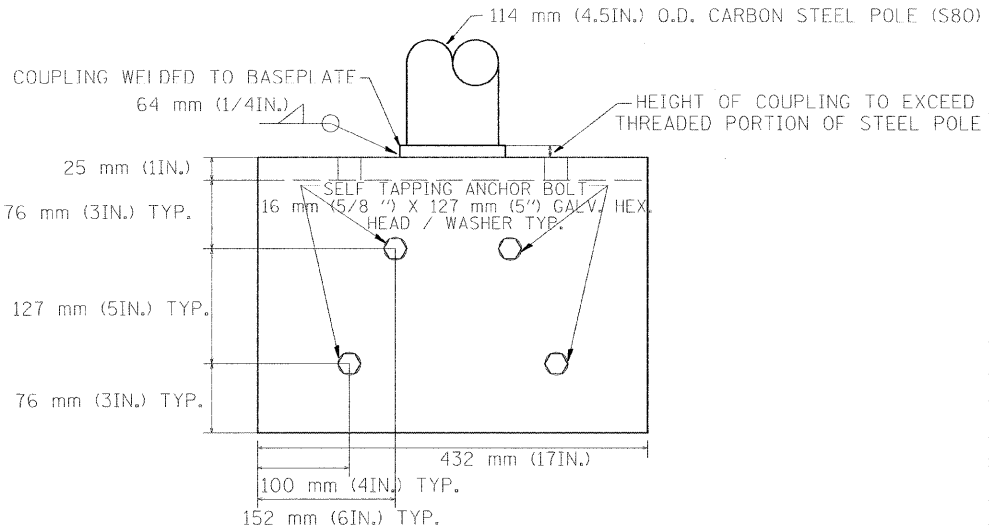
WIRING DIAGRAM

- NOTES
1. EACH LOOP SHALL BE SPliced TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
 2. LOOPS SHALL BE SPliced IN HANDHOLES OR J-BOX ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
 3. LOOPS SHALL NOT BE SPliced IN SERIES.
 4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

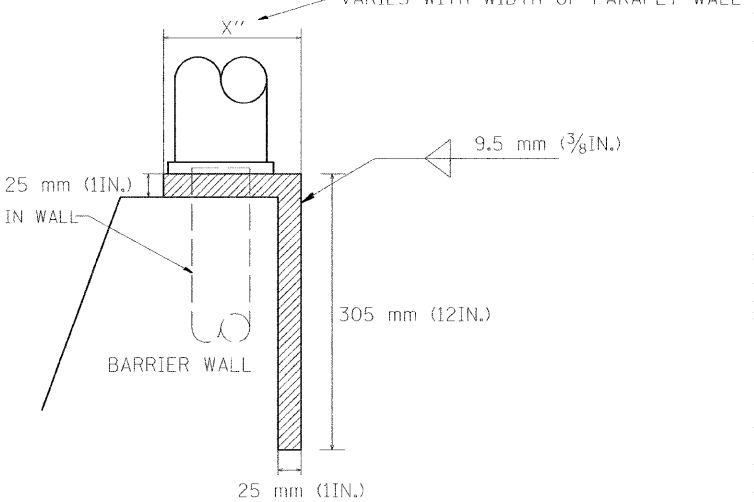
TABLE 1	
WIDTH (W)	WIDTH (S)
3.7 m (12')	2.5 m (8')
4.0 m (13')	2.8 m (9')
4.3 m (14')	3.1 m (10')
4.6 m (15')	3.4 m (11')
4.9 m (16')	3.7 m (12')
5.2 m (17')	4.0 m (13')
5.5 m (18')	4.3 m (14')
5.8 m (19')	4.6 m (15')
6.1 m (20')	4.9 m (16')
6.4 m (21')	5.2 m (17')
6.7 m (22')	5.5 m (18')
7.0 m (23')	5.8 m (19')
7.3 m (24')	6.1 m (20')
7.6 m (25')	6.4 m (21')



TOP



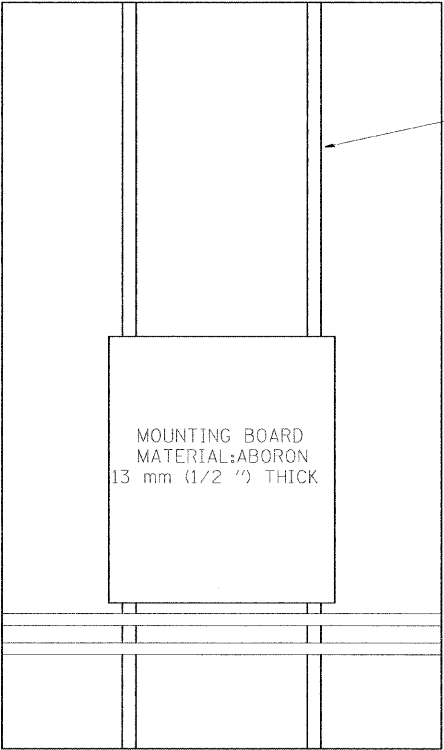
FRONT



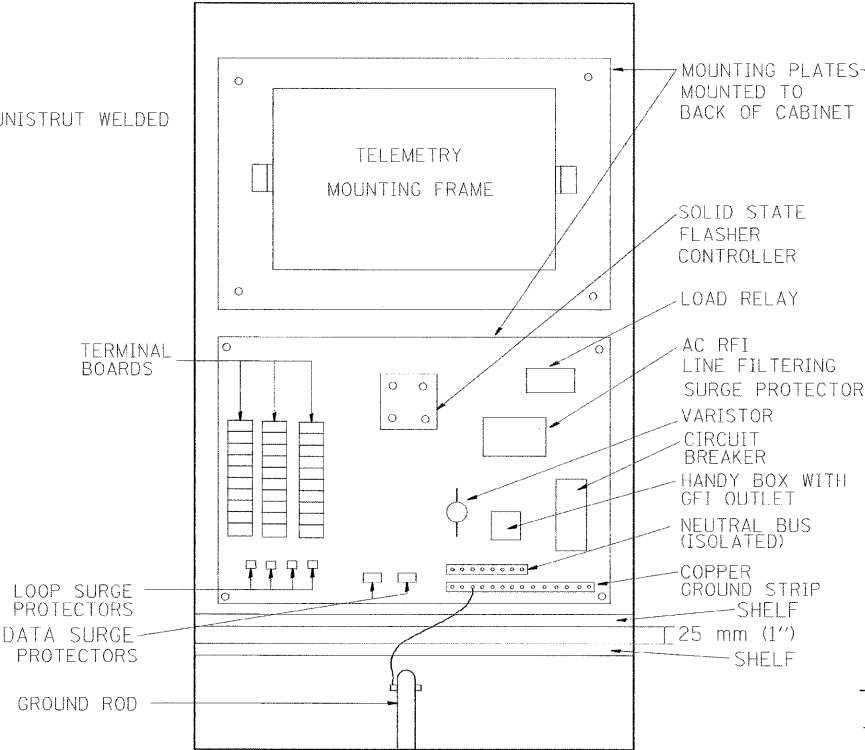
SIDE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	TRAFFIC SYSTEMS CENTER	
R.L.	6/94	TYPICAL RAMP METERING TYPE 3 BARRIER WALL INSTALLATION	
R.L.	2/96		
T.C.	9/96		
R.L.	2/98		
		SCALE: VERT. NONE	DRAWN BY G.M.
		HORIZ. DATE 6-22-94	CHECKED BY R.L.

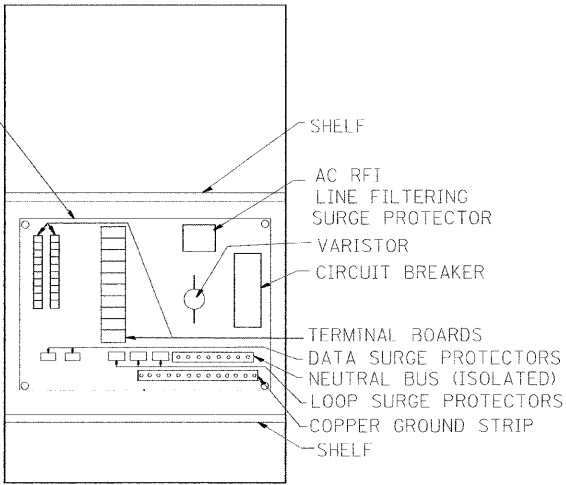
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	69
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	CONTRACT NO. 62408



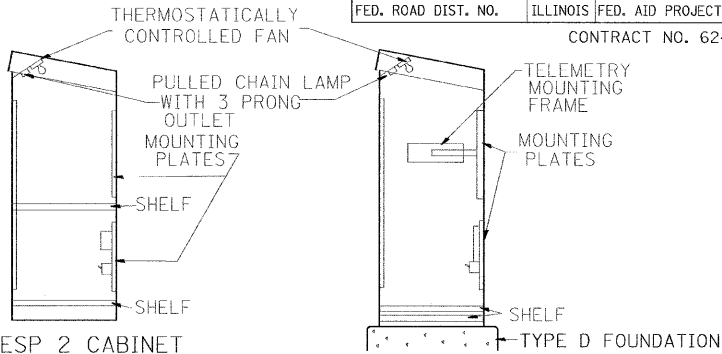
SIDE VIEW ESP 3 & 4 CABINET



ESP 3 CABINET

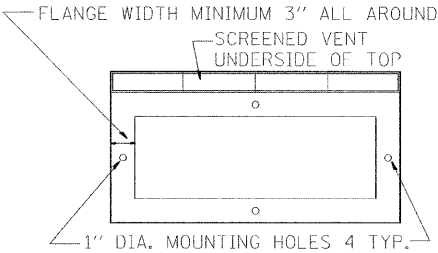


ESP 2 CABINET



PROFILE VIEWS

NOTE: MOUNTING PLATES TO BE MOUNTED TO BACK PANEL OF CABINET



BOTTOM VIEW MOUNTING PATTERN

TYPICAL CABINET INTERIORS
STANDARD TRAFFIC SYSTEMS CENTER CABINETS
MINIMUM DIMENSIONS INSIDE

TYPE	HEIGHT (mm-IN)	WIDTH (mm-IN)	DEPTH (mm-IN)	THICKNESS (mm-IN)
ESP1	571.5 mm (22.5")	361.95mm (14.25")	247.65mm (9.75")	4.76mm (3/16 ")
ESP2	914.4mm (36")	508.0mm (20")	381.0mm (15")	4.76mm (73/16 ")
ESP3	1.26 m (49.5")	762.0mm (30")	431.8mm (17")	4.76mm (3/16 ")
ESP4	1.4 m (55")	1.12 m (44")	660.4mm (26")	4.76mm (3/16 ")

MATERIAL
FABRICATED ALUMINUM
FABRICATED ALUMINUM
FABRICATED ALUMINUM
FABRICATED ALUMINUM

NOTES:

- CABINETS, CABINET POSTS AND CABINET PEDESTALS SHALL BE PRIMED AND PAINTED IN ACCORDANCE WITH SECTION 1637 OF THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS". THE FINAL COAT SHALL BE (X) IN COLOR. THE INTERIOR SHALL BE PAINTED WHITE. SIGNAL POSTS AND HEADS TO BE FEDERAL YELLOW 89-19(MAUTZ).
- CABINETS SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 1400 OF THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS".
- ALL CABINETS WHICH ARE SERVICED BY 117 VOLTS A.C. POWER SHALL BE EQUIPPED WITH A 10 AMP CIRCUIT BREAKER, A.C. R.F.I. LINE FILTERING SURGE PROTECTOR, VARISTOR, DATA SURGE AND LOOP SURGE PROTECTORS AS INCIDENTAL TO THE COST OF THE CABINET. CMS CABINETS TYPE IV SHALL HAVE A 60 AMP. CIRCUIT BREAKER MINIMUM.
- ESP 2/3/4 CABINETS SHALL BE FITTED WITH A THERMOSTATICALLY CONTROLLED FAN. IT SHALL BE MOUNTED AT THE TOP OF THE CABINET. THE FAN SHALL BE CAPABLE OF OPERATING AT 130 CPM AT 48.8 m (160') OF STATIC WATER PRESSURE. A PORCELAIN BASED PULL CHAIN FIXTURE WITH 3 PRONG OUTLET SHALL ALSO BE PROVIDED.
- RAMP METERING ESP 3 TYPE CABINETS SHALL ALSO BE EQUIPPED WITH A LOAD RELAY AND 2 CIRCUIT FLASHER. LAMPS, FAN, LOAD RELAY, AND 2 CIRCUIT FLASHER SHALL BE INCIDENTAL TO THE COST OF THE CABINET
- INCIDENTAL TO THE COST OF EACH CABINET THE CONTRACTOR SHALL CONSTRUCT A 130mm (5 INCH) PCC SIDEWALK OF A RECTANGULAR AREA 915 mm (3 FEET) BY 1.25 m (4 FEET) IMMEDIATELY ADJACENT TO THE CABINET FOUNDATION ON THE SAME SIDE OF THE FOUNDATION AS THE CABINET DOOR TO PROVIDE FOOTING DURING INSTALLATION AND MAINTENANCE.
- ANCHOR BOLTS FOR PEDESTAL AND BASE MOUNTED CABINETS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CABINET.
- ALL CABINETS SHALL HAVE TERMINAL BLOCKS AND SHELVES AS SHOWN. THESE ITEMS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CABINET.
- THE CABINET DOOR SHALL BE HINGED ON THE RIGHT SIDE WHEN FACING THE CABINET. THE DOOR SHALL BE FURNISHED WITH A GASKET THAT SHALL FORM A WEATHER TIGHT SEAL BETWEEN THE CABINET AND DOOR. THE HINGES SHALL BE CONTINUOUS AND BOLTED TO THE CABINET AND DOOR UTILIZING 1/4-20 STAINLESS STEEL CARRIAGE BOLTS AND NY-LOCK NUTS. THE HINGES WILL BE MADE OF STAINLESS STEEL WITH A 6.35 mm (0.25 INCH) DIAMETER STAINLESS STEEL HINGE PIN. THE HINGE PIN SHALL BE CAPPED TOP AND BOTTOM BY WELD TO RENDER IT TAMPER PROOF.
- THE LATCHING MECHANISM SHALL BE A 3 POINT DRAW ROLLER TYPE. THE CENTER CATCH AND PUSHRODS SHALL BE EITHER CADMIUM OR ZINC PLATED, TYPE II CLASS I. PUSHRODS WILL BE TURNED EDGEWISE AT THE OUTWARD SUPPORTS AND SHALL BE 6.35 mm (0.25 INCH) BY 19.05 mm (0.75 INCH), MINIMUM. ROLLERS SHALL HAVE A MINIMUM DIAMETER OF 22.22 mm (0.875 INCH) AND WILL BE MADE OF NYLON. THE CENTER CATCH SHALL BE FABRICATED FROM 3.55 mm (0.14 INCH) STEEL, MINIMUM. WHEN THE DOOR IS CLOSED AND LATCHED, IT WILL BE LOCKED. THE LATCHING HANDLE SHALL HAVE A PROVISION FOR PADLOCKING IN THE CLOSED POSITION. AN OPERATING HANDLE SHALL BE FURNISHED WITH EACH LOCK. THE HANDLE WILL BE STAINLESS STEEL WITH A 19.05 mm (0.75 INCH) DIAMETER SHANK.
- THE ENCLOSURE SHALL BE EQUIPPED WITH TWO ADJUSTABLE "C" MOUNTING CHANNELS WELDED ON BOTH SIDE WALLS AND BACK WALL OF THE ENCLOSURE, ALLOWING VERSATILE POSITIONING OF SHELVES OR PANELS. MOUNTING CHANNELS SHALL BE FACTORY PAINTED SAME COLOR AS INTERIOR OF CABINET.
- CABINET DOOR SHALL NOT HAVE COMPARTMENT DOORS OR LOUVERS.
- ALL FIELD CABINETS SHALL BE FITTED WITH BRASS LOCKS.
- ESP TYPE 2 & 3 CABINETS FITTED WITH TWO SHELVES AS SHOWN.
- POST TOP MOUNTED CABINETS, SHALL HAVE A 6.3 mm (0.25 INCH) BOTTOM OF CABINET WELDED.
- THE CONTROL CABINET SHALL BE SET PLUMB ON THE FOUNDATION AND FASTENED TO THE ANCHOR BOLTS WITH NUTS AND WASHERS. FLAT WASHERS SHALL BE INSTALLED BELOW AND ABOVE THE BASE PLATE OF THE CONTROL CABINET. LOCKWASHERS SHALL BE INSTALLED ON TOP OF THE TOP FLAT WASHER.

(X)

EDENS	WALNUT *
KENNEDY	BLUE STREAK **
EISENHOWER	CARIBBEAN BLUE *
I-290/IL53/I-355	POST OFFICE BLUE **
RYAN	YELLOW STONE II **
I-55	MEDIUM BRONZE *
I-57	RED BARON **
CAL-KING	BLUE STREAK **
LAKE SHORE DR.	GREEN *
I-80	STATUARY BRONZE **

ALL RAMP METERING CABINETS LIME GREEN ***, ALL POSTS, T.S. HEADS AND SERVICES WILL BE PAINTED FEDERAL YELLOW.
* MORTON POWDER PAINT COLOR OR EQUIVALENT.
** O'BRIEN POWDER PAINT COLOR OR EQUIVALENT.
*** BENJAMIN MOORE ENAMEL COLOR OR EQUIVALENT.

NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR CONFORMING TO COLOR REQUIREMENTS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER CABINET DETAIL SHEET SCALE: VERT. NONE HORIZ. DATE 6-21-94 DRAWN BY G.M. CHECKED BY R.L.
NAME	DATE	
R.L.	6/94	
R.L.	10/94	
R.L.	12/94	
T.C.	9/96	
R.L.	2/98	
R.L.	3/99	

F.A. . RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(0202.6-2P, ETC, 1415 & 1517)R-7	COOK	246	70
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62408				

CRADLE

II MODULE MOUNTING FRAME
(FOR II TYPE "A" PLUG-IN TYPE TONE MODULES)

CRADLE

NOTE:
TYPE "A" TONE MODULES ARE PLUG
IN UNIT MEASURING 5-7/32" (132.55 mm) X 1.5" (38.1 mm) X 13-3/4" (349.25 mm)

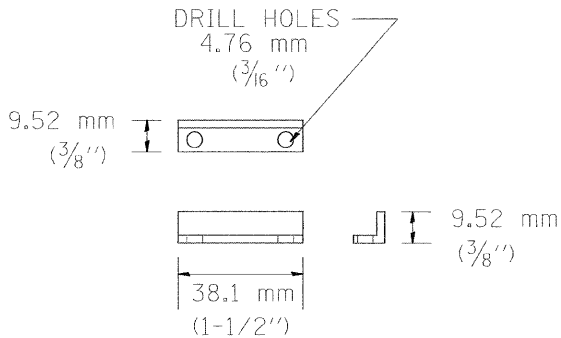
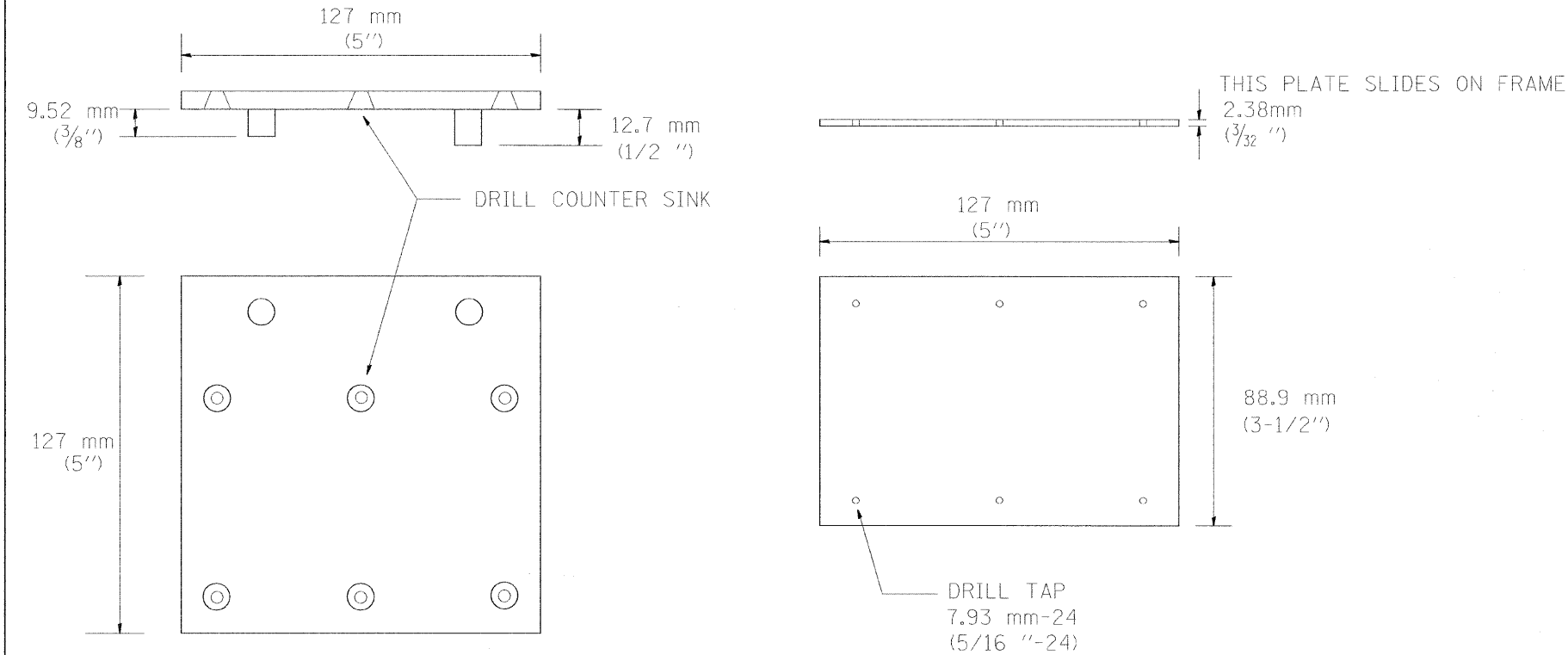
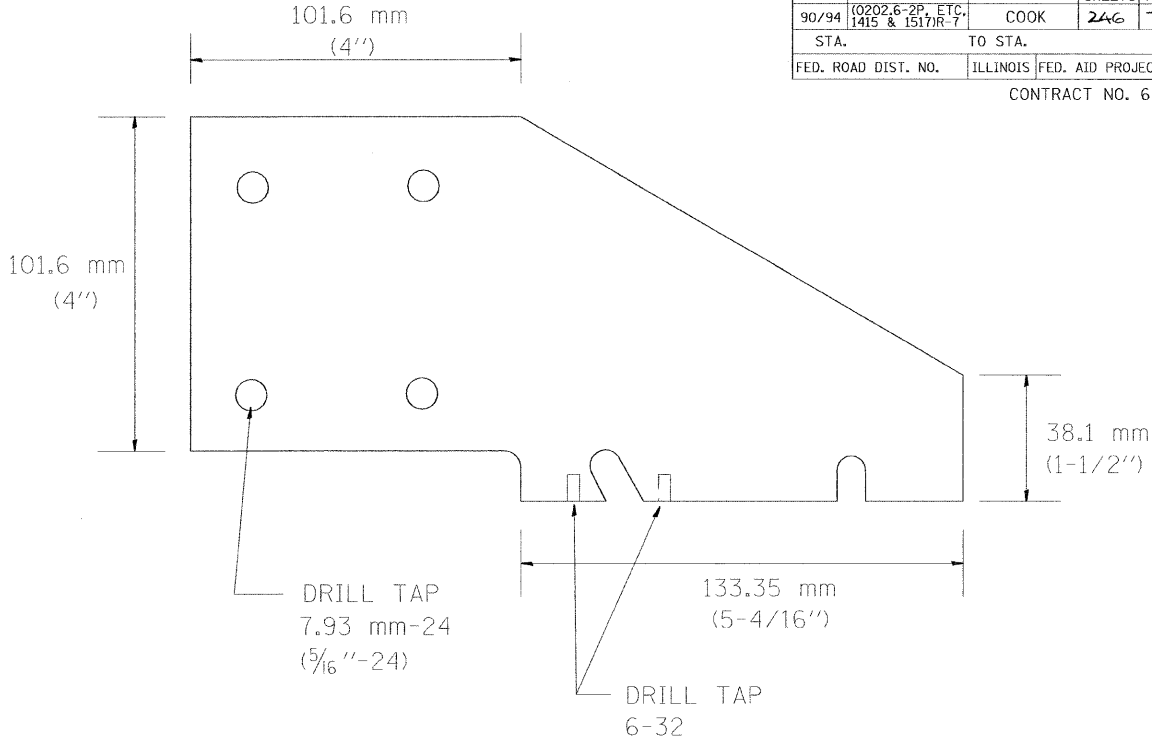
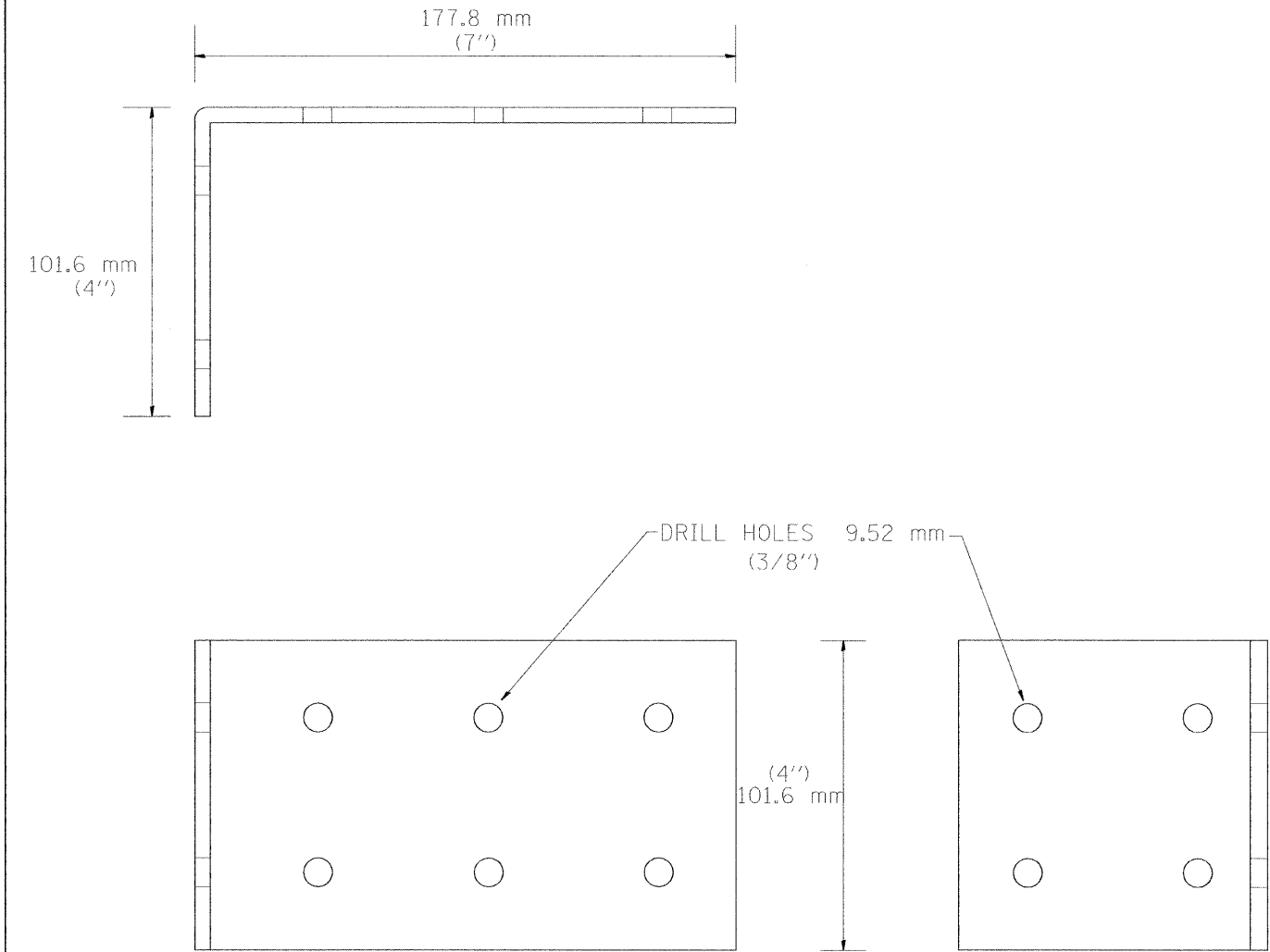
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	
NAME	DATE		
R.L.	6/94	FIELD MOUNTING FRAME WITH CRADLE ASSEMBLY	
T.C.	9/96		
		SCALE: VERT. NONE HORIZ.	DRAWN BY G.M.
		DATE 6-21-94	CHECKED BY R.L.

RD-TYPEMOUNT
RF=

VI=4006

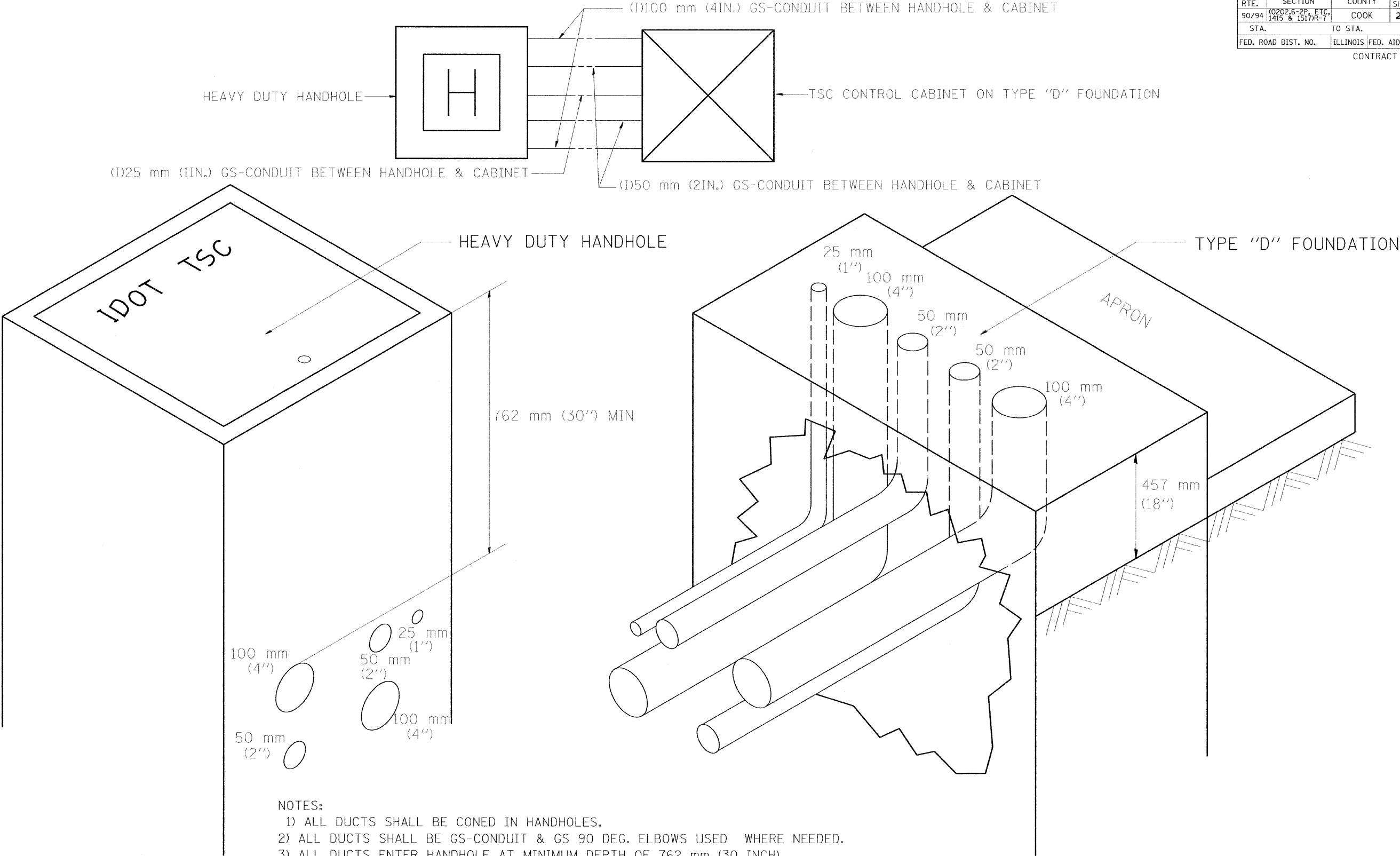
F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	71
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 62408



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	
NAME	DATE	FIELD CRADLE ASSEMBLY	
R.L.	6/94	SCALE: VERT. NONE	
T.C.	9/96	HORIZ.	
		DATE 6-21-94	
		DRAWN BY G.M.	
		CHECKED BY R.L.	

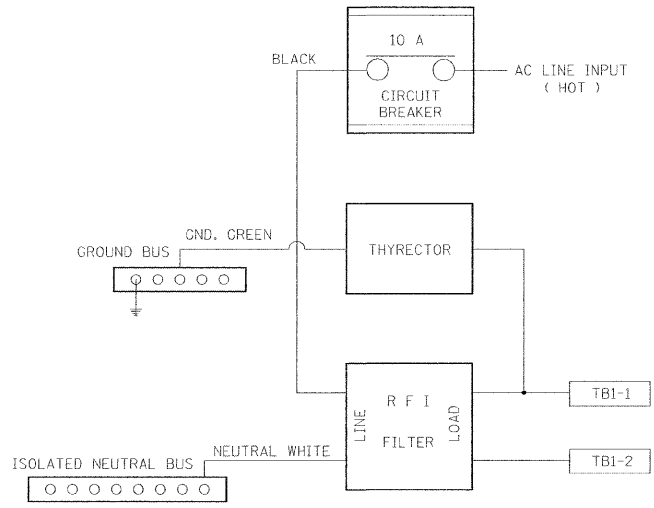
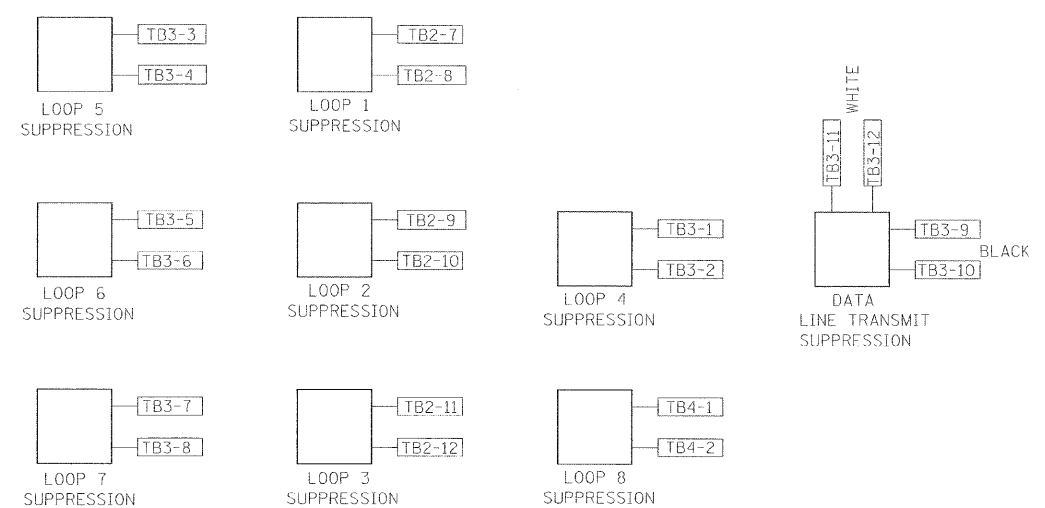
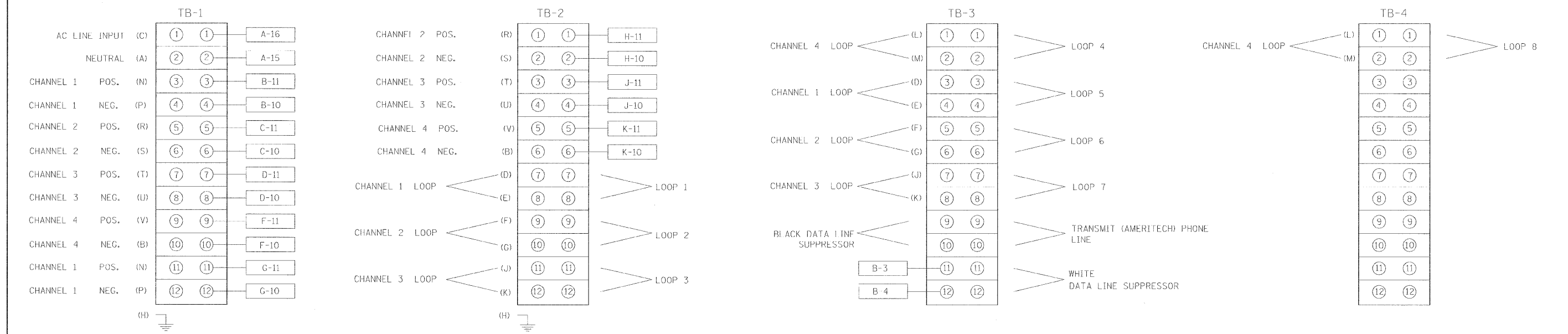
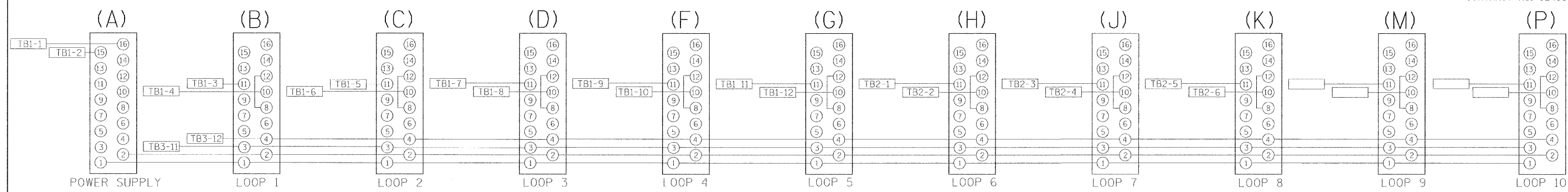
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	73
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62408				



- NOTES:
- 1) ALL DUCTS SHALL BE CONED IN HANDHOLES.
 - 2) ALL DUCTS SHALL BE GS-CONDUIT & GS 90 DEG. ELBOWS USED WHERE NEEDED.
 - 3) ALL DUCTS ENTER HANDHOLE AT MINIMUM DEPTH OF 762 mm (30 INCH)
 - 4) ALL HANDHOLE COVERS SHALL READ "IDOT TSC".
 - 5) ALL CABINET HANDHOLES SHALL BE HEAVY DUTY.
 - 6) DUCTS SHALL BE CENTERED IN CABINET FOUNDATION/HANDHOLE AS SHOWN.
 - 7) CONDUITS SHALL BE SPACED 305 mm (1 FOOT) CENTER TO CENTER IN HEAVY DUTY HANDHOLE.
 - 8) INSTALL 20 mm X 3 m (3/4" X 10') COPPER CLAD STEEL GROUND ROD IN HDHH PROVIDED AS CABINET PAD. EXOTHERMIC WELD CONNECTION FROM GROUND ROD TO #6 GROUND WIRE INSULATED (GREEN).
 - 9) BOND ALL GSC CONDUITS IN CABINET FOUNDATION.
 - 10) INSTALL #6 GROUND WIRE IN 25 mm (1") GSC FROM HANDHOLE TO CABINET.
 - 11) TYPE "D" FOUNDATION SHALL BE 18" FROM TOP OF FOUNDATION TO FINISH GRADE.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	
NAME	DATE		
T.C.	9/96	CABINET - HANDHOLE CONDUIT DETAIL	
R.L.	3/99		
R.L.	4/99		
		SCALE: VERT. NONE HORIZ.	
		DATE 6-5-95	
		DRAWN BY G.M. CHECKED BY R.J.L.	

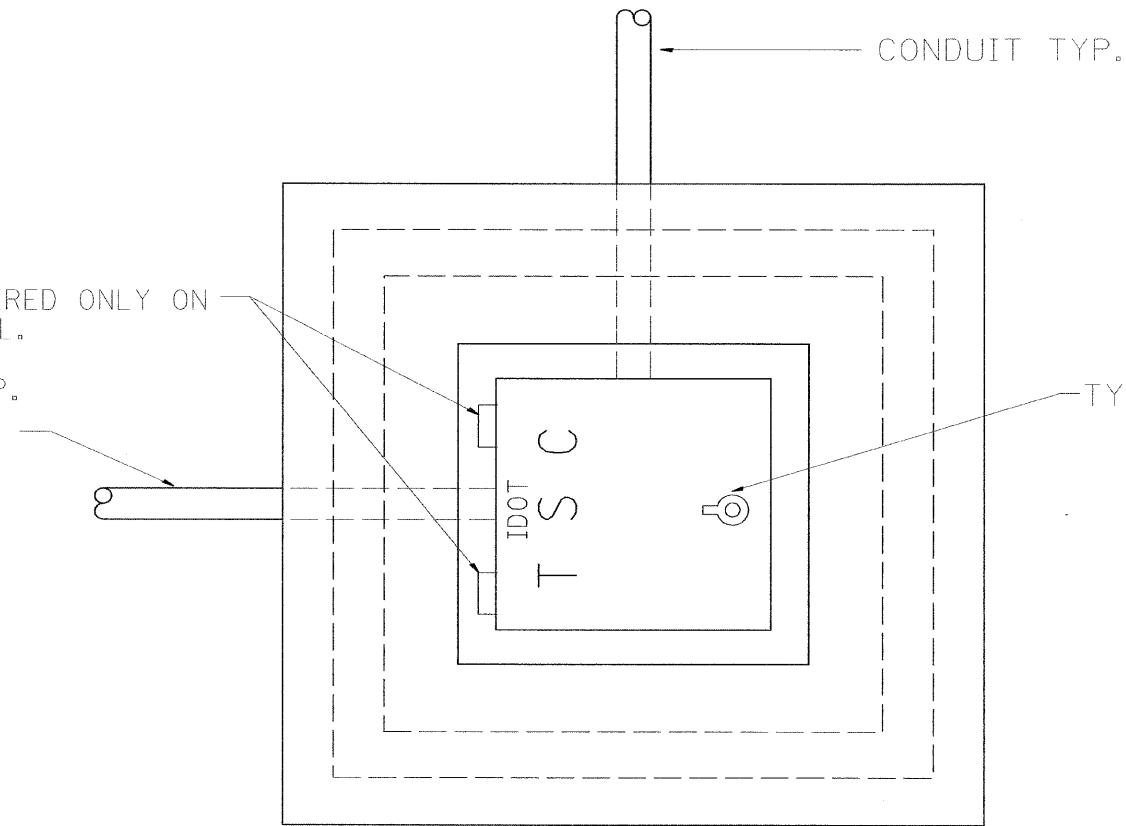
BACK VIEW OF TONE RACK



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER TYPE 3 CABINET WIRING DIAGRAM SCALE: VERT. NONE HORIZ. DATE 10/17/95 DRAWN BY G.M. CHECKED BY R.L.
NAME	DATE	
R.L.	2/98	
R.L.	5/99	

TYPE "T" HINGES REQUIRED ONLY ON ON HEAVY DUTY SPECIAL.

CONDUIT TYP.



PLAN

HEAVY DUTY HANDHOLE MINIMUM DIMENSIONS (UNHINGED)

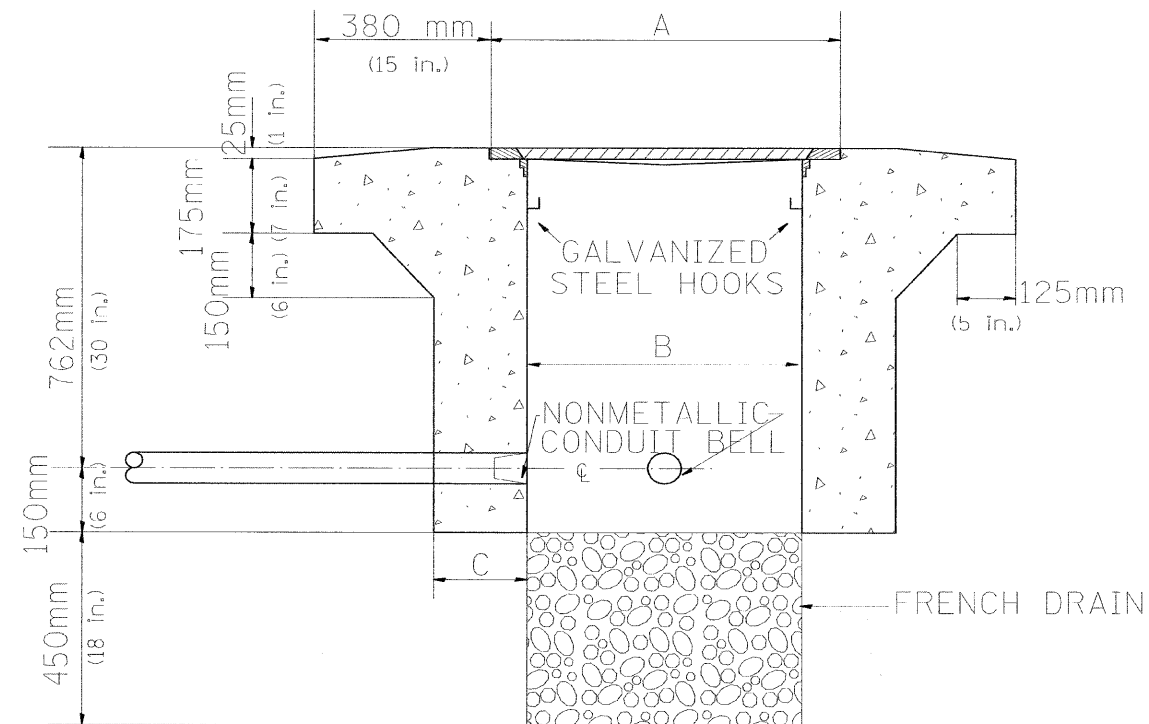
A	711 mm (28")
B	559 mm (22")
C	200 mm (8")

(FRAME AND COVER 118 Kg. (260 LBS.) MIN.)

HEAVY DUTY HANDHOLE SPECIAL MINIMUM DIMENSIONS

A	800 mm (31.5")
B	762 mm (30")
C	250 mm (10")

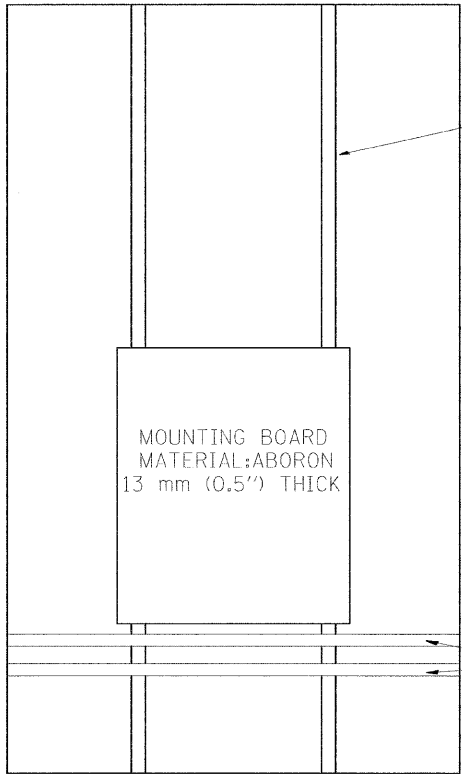
(FRAME AND COVER 184 Kg. (405 LBS.))



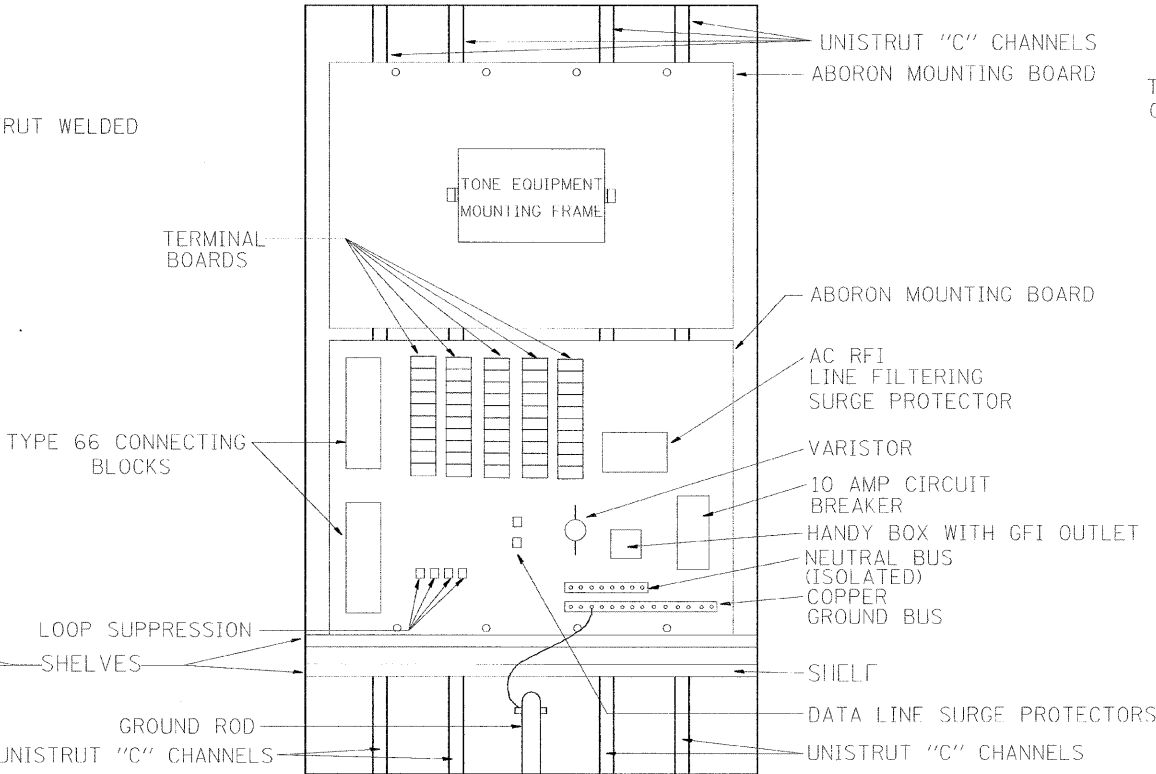
ELEVATION

PC CONCRETE - HEAVY DUTY SPECIAL

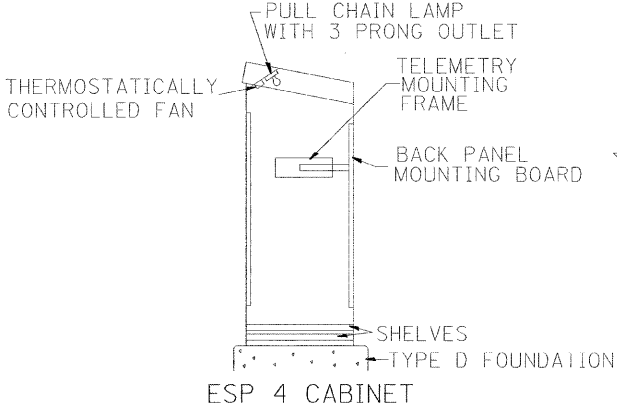
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NAME	DATE	
R.L.	4-97	PC CONCRETE - HEAVY DUTY
		SCALE: VERT. NONE HORIZ.
		DATE 9-11-96
		DRAWN BY G.M. CHECKED BY R.L.



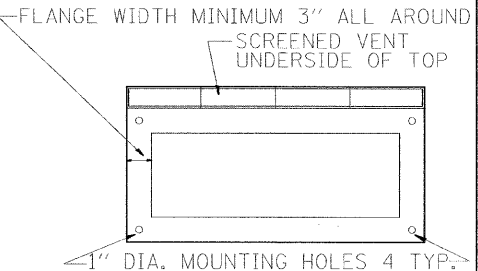
SIDE VIEW ESP 4 CABINET



FRONT VIEW ESP 4 CABINET



PROFILE VIEW



BOTTOM VIEW
MOUNTING PATTERN

TYPICAL CABINET INTERIORS
STANDARD TRAFFIC SYSTEMS CENTER CABINETS

TYPE	MINIMUM DIMENSIONS			INSIDE THICKNESS (mm-IN)	MATERIAL
	HEIGHT (m-IN)	WIDTH (m-IN)	DEPTH (mm-IN)		
ESP4	1.4 m (55")	1.12 m (44")	660.4mm (26")	4.76mm (3/16 ")	FABRICATED ALUMINUM

NOTES:

- CABINETS, CABINET POSTS AND CABINET PEDESTALS SHALL BE PRIMED AND PAINTED IN ACCORDANCE WITH SECTION T637 OF THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS". THE FINAL COAT SHALL BE (X) IN COLOR. THE INTERIOR SHALL BE PAINTED WHITE. SIGNAL POSTS AND HEADS TO BE FEDERAL YELLOW 89-19(MAUTZ).
- CABINETS SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION T400 OF THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS".
- ALL CABINETS WHICH ARE SERVICED BY 117 VOLTS A.C. POWER SHALL BE EQUIPPED WITH A 10 AMP CIRCUIT BREAKER, A.C. R.F.I. LINE FILTERING SURGE PROTECTOR, VARISTOR, DATA SURGE PROTECTORS AS INCIDENTAL TO THE COST OF THE CABINET. CMS CABINETS TYPE IV SHALL HAVE A 60 AMP. CIRCUIT BREAKER MINIMUM.
- ESP 4 CABINETS SHALL BE FITTED WITH A THERMOSTATICALLY CONTROLLED FAN. IT SHALL BE MOUNTED AT THE TOP OF THE CABINET. THE FAN SHALL BE CAPABLE OF OPERATING AT 130 CPM AT 48.8 m (160') OF STATIC WATER PRESSURE. A PORCELAIN BASED PULL CHAIN FIXTURE WITH 3 PRONG OUTLET SHALL ALSO BE PROVIDED.
- INCIDENTAL TO THE COST OF EACH CABINET THE CONTRACTOR SHALL CONSTRUCT A 130mm (5 INCH) PCC SIDEWALK OF A RECTANGULAR AREA 915 mm (3 FEET) BY 1.25 m (4 FEET) IMMEDIATELY ADJACENT TO THE CABINET FOUNDATION ON THE SAME SIDE OF THE FOUNDATION AS THE CABINET DOOR TO PROVIDE FOOTING DURING INSTALLATION AND MAINTENANCE.
- ANCHOR BOLTS FOR PEDESTAL AND BASE MOUNTED CABINETS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CABINET.
- ALL CABINETS SHALL HAVE TERMINAL BLOCKS AND SHELVES AS SHOWN. THESE ITEMS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CABINET.
- THE CABINET DOOR SHALL BE HINGED ON THE RIGHT SIDE WHEN FACING THE CABINET. THE DOOR SHALL BE FURNISHED WITH A GASKET THAT SHALL FORM A WEATHER TIGHT SEAL BETWEEN THE CABINET AND DOOR. THE HINGES SHALL BE CONTINUOUS AND BOLTED TO THE CABINET AND DOOR UTILIZING 1/4-20 STAINLESS STEEL CARRIAGE BOLTS AND NY-LOCK NUTS. THE HINGES WILL BE MADE OF STAINLESS STEEL WITH A 6.35 mm (0.25 INCH) DIAMETER STAINLESS STEEL HINGE PIN. THE HINGE PIN SHALL BE CAPPED TOP AND BOTTOM BY WELD TO RENDER IT TAMPER PROOF.
- THE LATCHING MECHANISM SHALL BE A 3 POINT DRAW ROLLER TYPE. THE CENTER CATCH AND PUSHRODS SHALL BE EITHER CADMIUM OR ZINC PLATED, TYPE II CLASS I. PUSHRODS WILL BE TURNED EDGEWISE AT THE OUTWARD SUPPORTS AND SHALL BE 6.35 mm (0.25 INCH) BY 19.05 mm (0.75 INCH), MINIMUM. ROLLERS SHALL HAVE A MINIMUM DIAMETER OF 22.22 mm (0.875 INCH) AND WILL BE MADE OF NYLON. THE CENTER CATCH SHALL BE FABRICATED FROM 3.55 mm (0.14 INCH) STEEL, MINIMUM. WHEN THE DOOR IS CLOSED AND LATCHED, IT WILL BE LOCKED. THE LATCHING HANDLE SHALL HAVE A PROVISION FOR PADLOCKING IN THE CLOSED POSITION. AN OPERATING HANDLE SHALL BE FURNISHED WITH EACH LOCK. THE HANDLE WILL BE STAINLESS STEEL WITH A 19.05 mm (0.75 INCH) DIAMETER SHANK.
- THE ENCLOSURE SHALL BE EQUIPPED WITH TWO "C" MOUNTING CHANNELS WELDED ON BOTH SIDE WALLS AND BACK WALL OF THE ENCLOSURE, ALLOWING VERSATILE POSITIONING OF SHELVES OR PANELS. MOUNTING CHANNELS SHALL BE FACTORY PAINTED SAME COLOR AS INTERIOR OF CABINET.
- CABINET DOOR SHALL NOT HAVE COMPARTMENT DOORS OR LOUVERS.
- ALL FIELD CABINETS SHALL BE FITTED WITH BRASS LOCKS.
- ESP TYPE 4 CABINETS FITTED WITH TWO SHELVES AS SHOWN.
- POST TOP MOUNTED CABINETS, SHALL HAVE A 6.3 mm (0.25 INCH) BOTTOM OF CABINET WELDED.
- THE CONTROL CABINET SHALL BE SET PLUMB ON THE FOUNDATION AND FASTENED TO THE ANCHOR BOLTS WITH NUTS AND WASHERS. FLAT WASHERS SHALL BE INSTALLED BELOW AND ABOVE THE BASE PLATE OF THE CONTROL CABINET. LOCKWASHERS SHALL BE INSTALLED ON TOP OF THE TOP FLAT WASHER.

EDENS	WALNUT *
KENNEDY	BLUE STREAK **
EISENHOWER	CARIBBEAN BLUE *
I-290/IL53/I-355	POST OFFICE BLUE **
RYAN	YELLOW STONE II **
I-55	MEDIUM BRONZE *
I 57	RED BARON **
CAL-KING	BLUE STREAK **
LAKE SHORE DR.	GREEN *
I-80	STATUARY BRONZE **
ALL RAMP METERING CABINETS LIME GREEN ***. ALL POSTS, T.S. HEADS AND SERVICES WILL BE PAINTED FEDERAL YELLOW.	

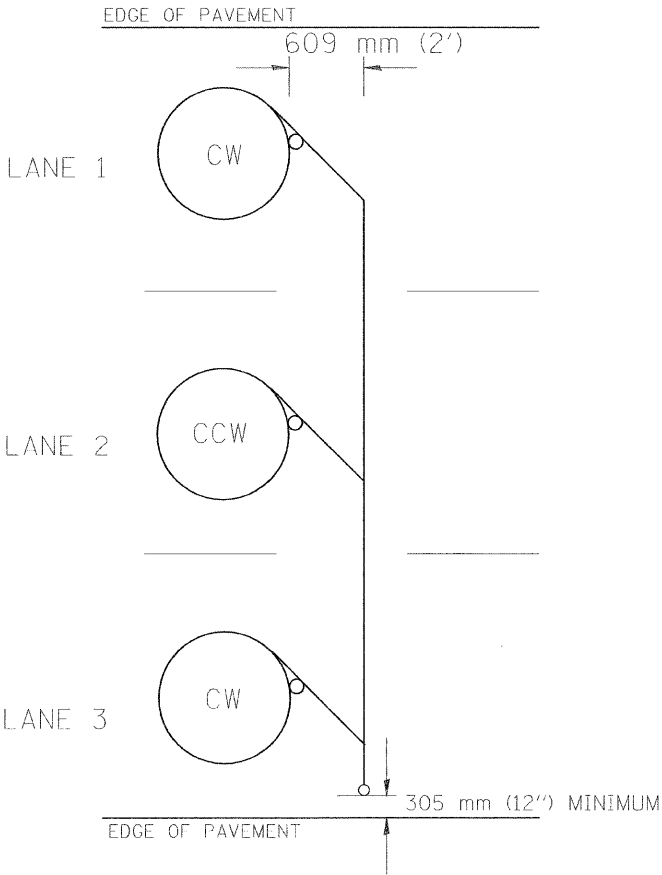
* MORTON POWDER PAINT COLOR OR EQUIVALENT.
** O'BRIEN POWDER PAINT COLOR OR EQUIVALENT.
*** BENJAMIN MOORE ENAMEL COLOR OR EQUIVALENT.

NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR CONFORMING TO COLOR REQUIREMENTS

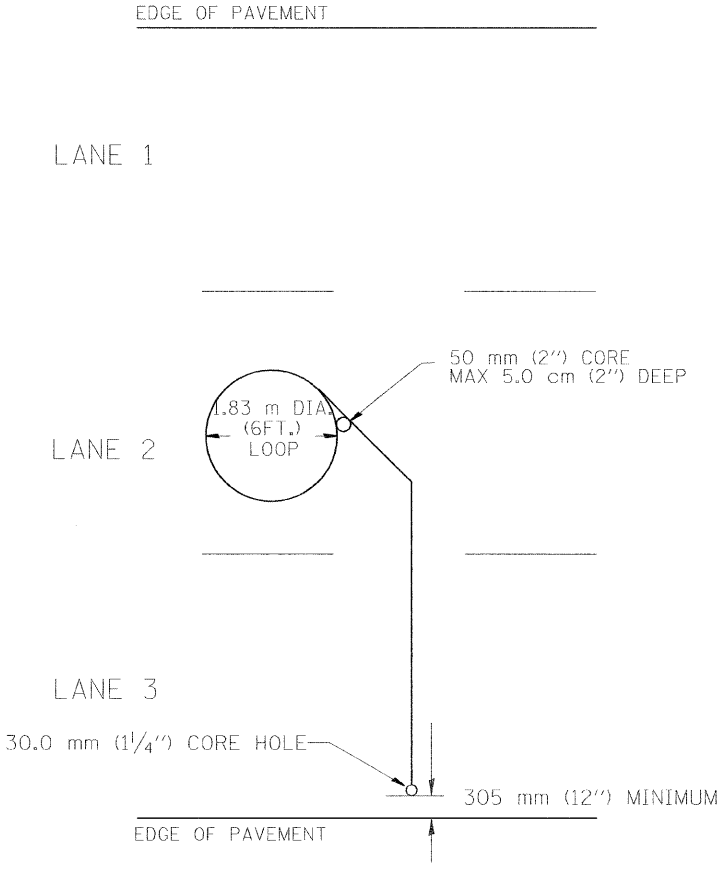
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NAME	DATE	
R.L.	2-98	TYPE 4 CABINET DETAIL SHEET
R.L.	3-99	
		SCALE: VERT. NONE HORIZ. DATE 4-26-97 DRAWN BY G.M. CHECKED BY R.L.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	77
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

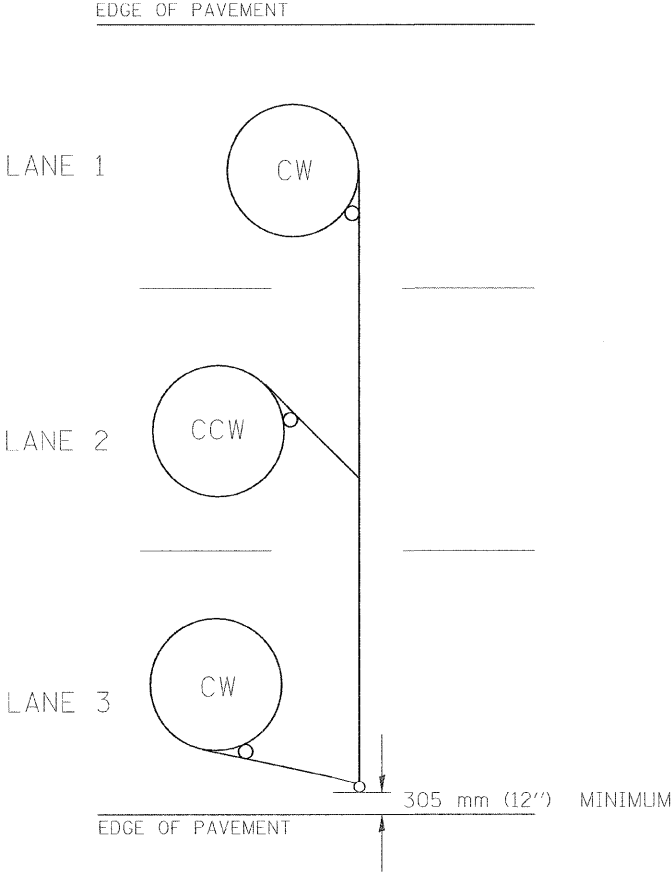
CONTRACT NO. 62408



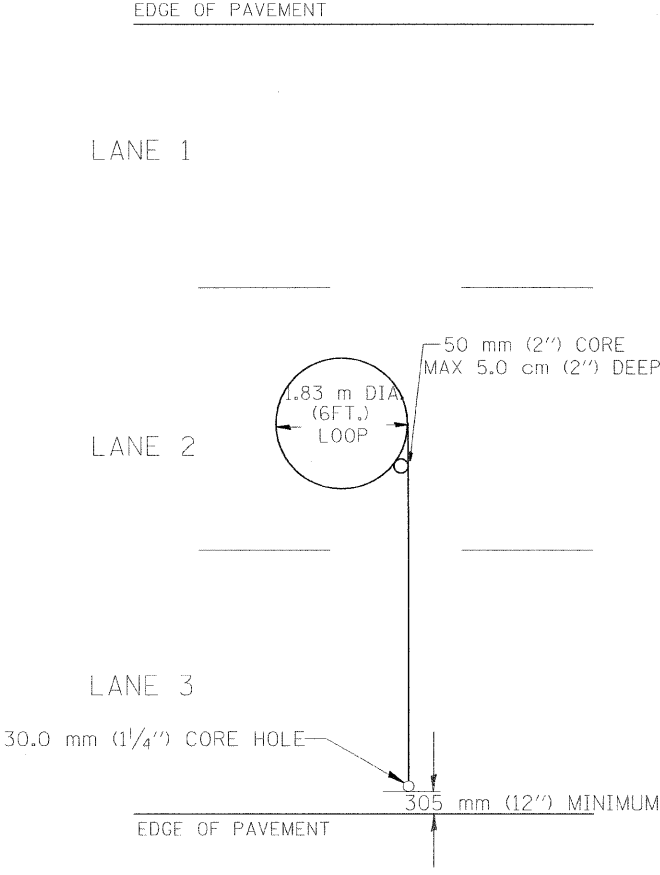
TYPICAL 1.83 m (6FT.) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY



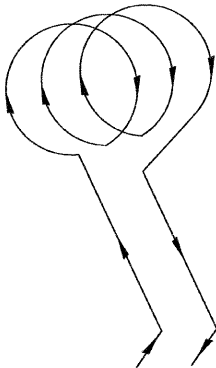
TYPICAL 1.83 m (6') DIA. INDUCTION LOOP
LAYOUT FOR LANE 2



TYPICAL 1.83 m (6') DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY



TYPICAL 1.83 m (6') DIA. INDUCTION LOOP
LAYOUT FOR LANE 2



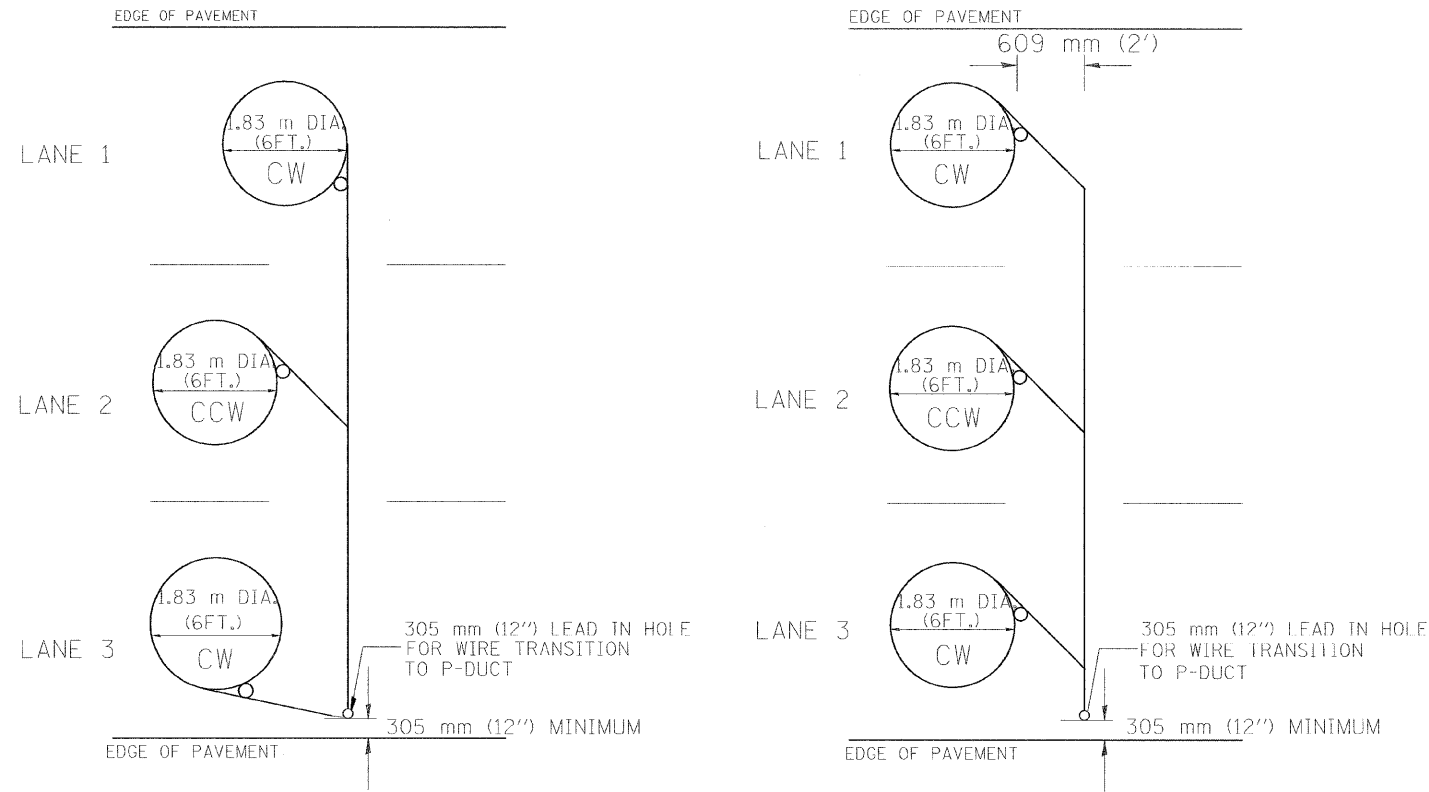
WIRING DETAILS

- NOTES
1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
 2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
 3. LOOPS SHALL NOT BE SPLICED IN SERIES.
 4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER EXISTING ROUND LOOP INSTALLATION	
NAME	DATE		
R.L.	6/94	SCALE: VERT. NONE HORIZ. DATE 6-22-94	
T.C.	9/96		
		DRAWN BY G.M. CHECKED BY R.L.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	78
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 62408

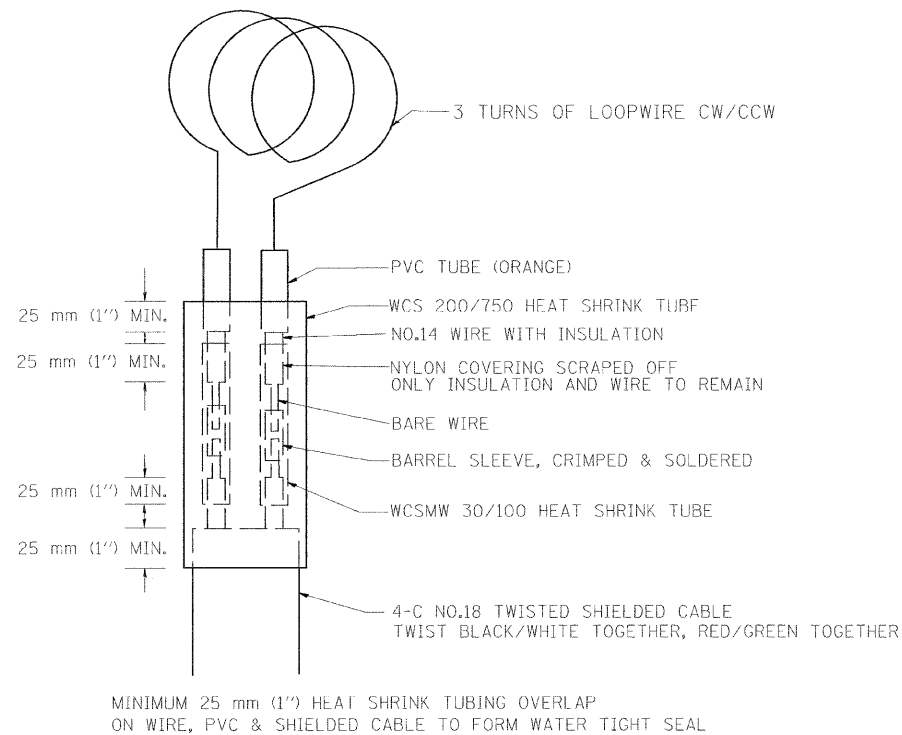
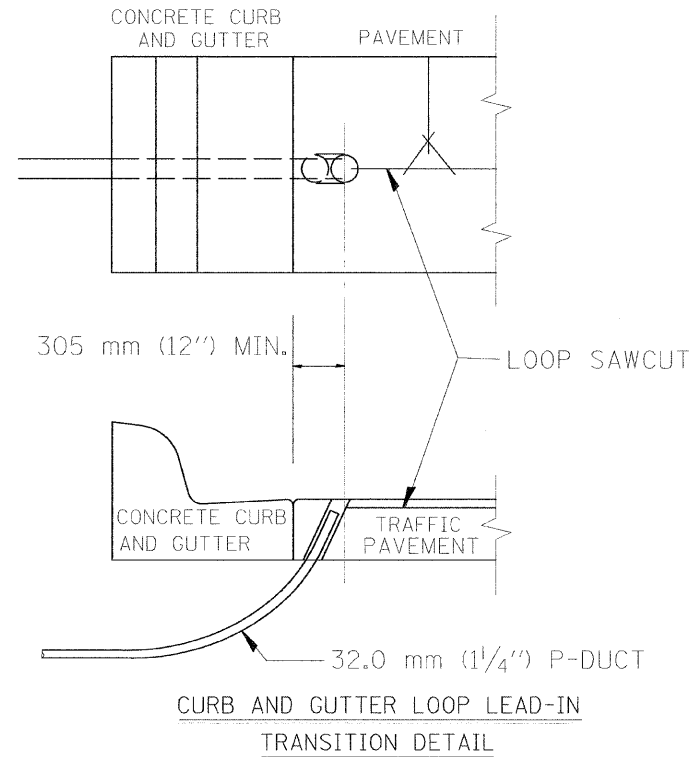


TYPICAL 1.83 m (6FT.) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY

TYPICAL 1.83 m (6') DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY

NOTES

1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

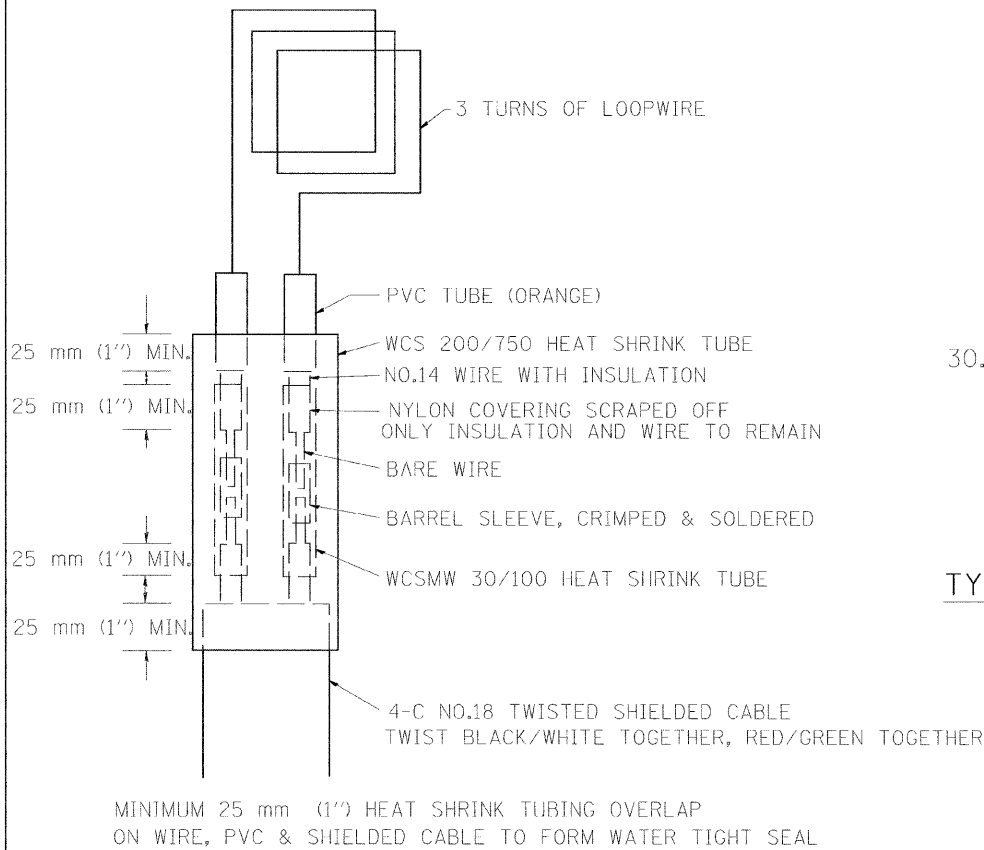


LOOP SPLICING REQUIREMENTS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	
NAME	DATE		
R.L.	6/94	EXISTING ROUND INDUCTION LOOP TYPICALS	
T.C.	10/96		
		SCALE: VERT. NONE HORIZ.	
		DATE 6-22-94	
		DRAWN BY G.M. CHECKED BY R.L.	

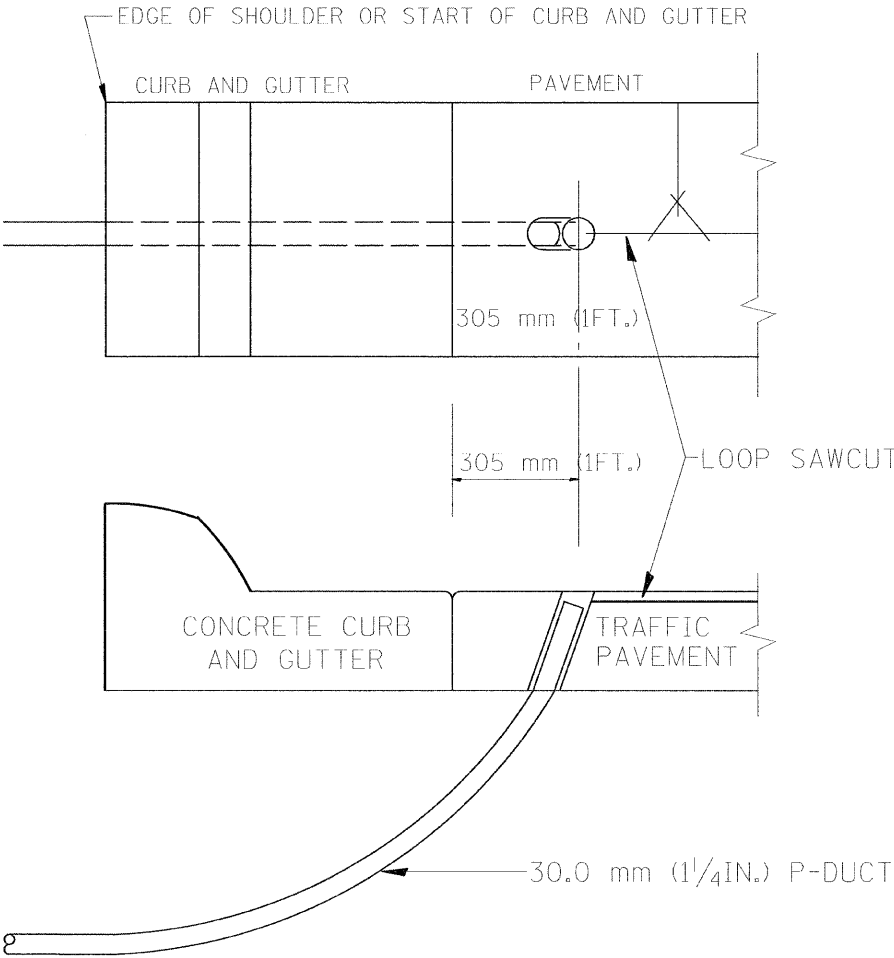
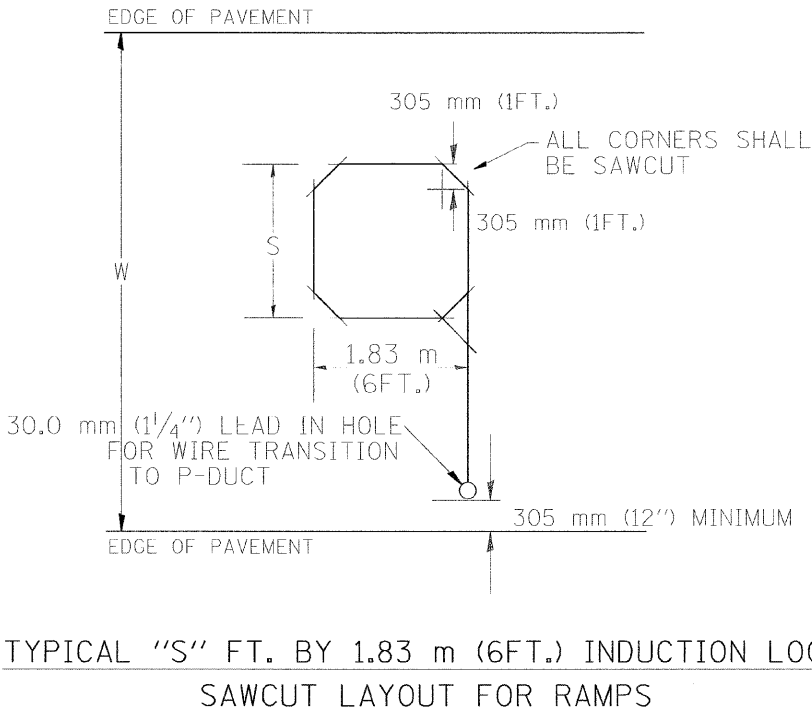
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	79
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62408



LOOP SPLICING REQUIREMENTS

TABLE 1	
WIDTH (W)	WIDTH (S)
3.7 m (12')	2.5 m (8')
4.0 m (13')	2.8 m (9')
4.3 m (14')	3.1 m (10')
4.6 m (15')	3.4 m (11')
4.9 m (16')	3.7 m (12')
5.2 m (17')	4.0 m (13')
5.5 m (18')	4.3 m (14')
5.8 m (19')	4.6 m (15')
6.1 m (20')	4.9 m (16')
6.4 m (21')	5.2 m (17')
6.7 m (22')	5.5 m (18')
7.0 m (23')	5.8 m (19')
7.3 m (24')	6.1 m (20')
7.6 m (25')	6.4 m (21')



NOTES

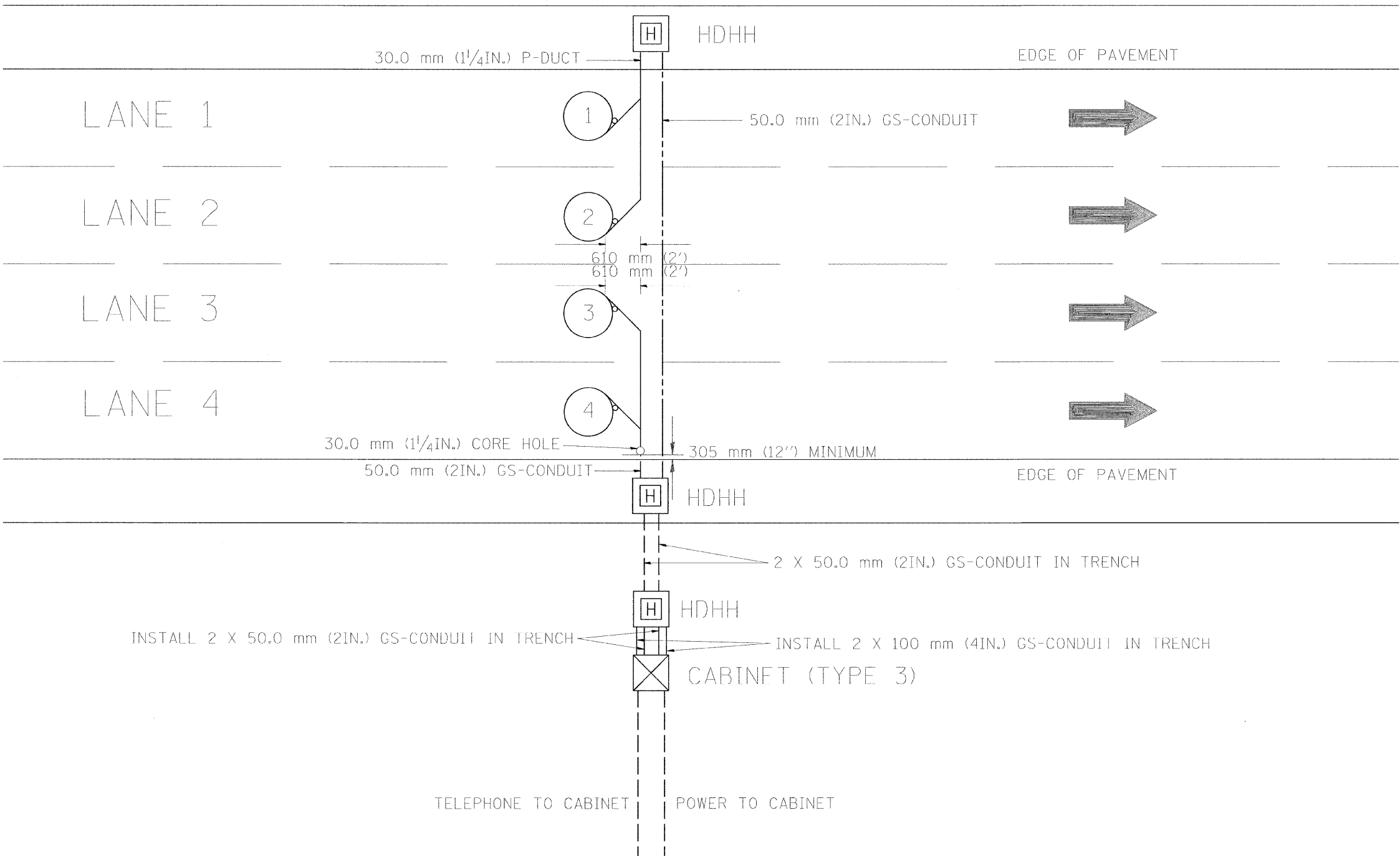
1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER RECTANGULAR INDUCTION LOOP TYPICALS
NAME	DATE	
R.L.	6/94	
T.C.	11/95	
R.L.	05/96	
T.C.	10/96	
SCALE: VERT. NONE HORIZ.		DRAWN BY G.M.
DATE 6-22-94		CHECKED BY R.L.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	81
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 62408

NOTE: ALL MAIN LINE LOOPS ARE ROUND 1.83 m DIA.



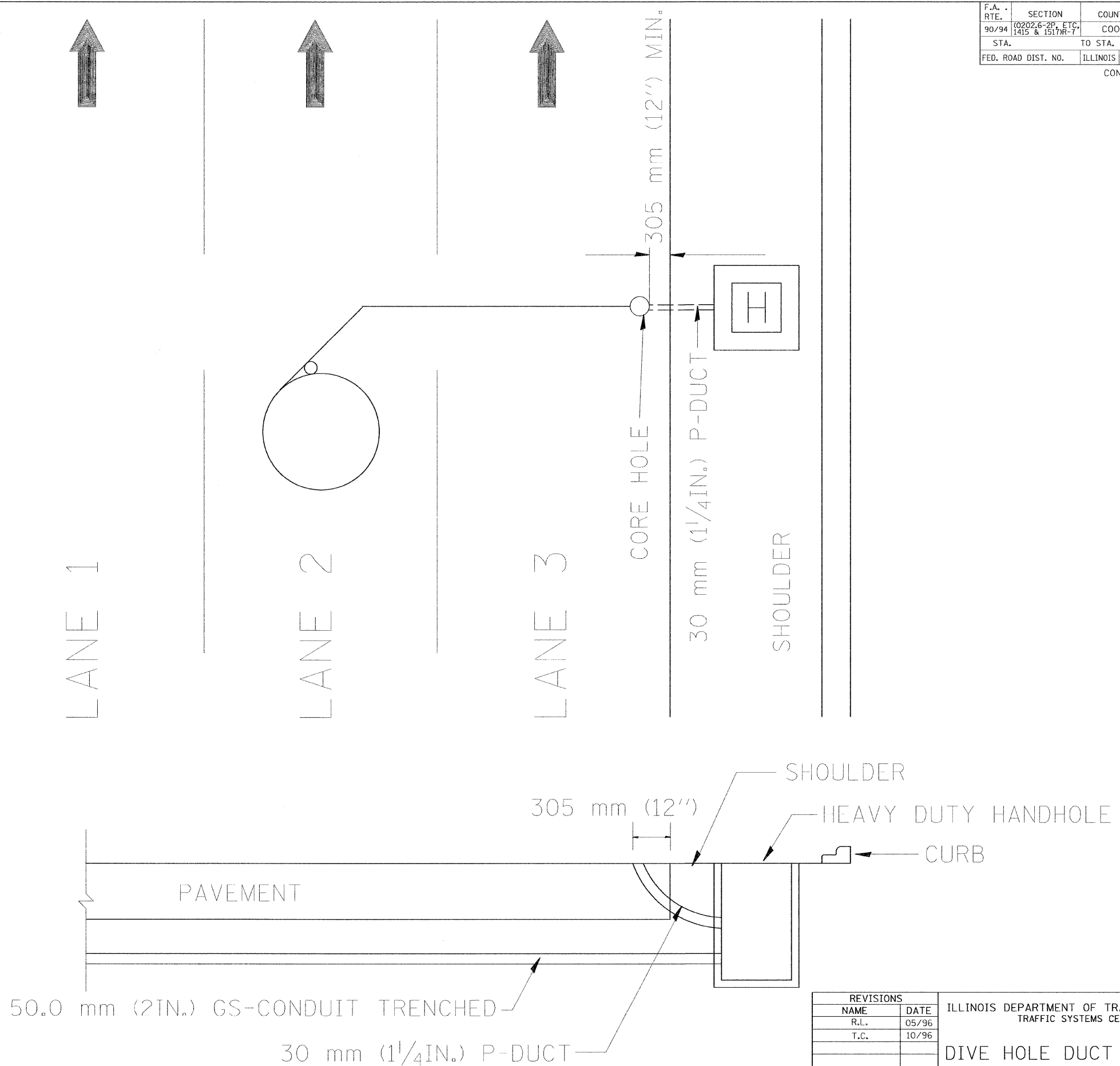
NOTES

1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

REVISIONS	
NAME	DATE
R.L.	6/94
R.L.	6/95
T.C.	11/95
T.C.	10/96

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
**NEW CONSTRUCTION
ROUND INDUCTION LOOP
TYPICAL INSTALLATION**
SCALE: VERT. NONE
HORIZ. DATE 6-27-94
DRAWN BY G.M.
CHECKED BY R.L.

F.A. . RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	83
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				



REVISIONS	
NAME	DATE
R.L.	05/96
T.C.	10/96

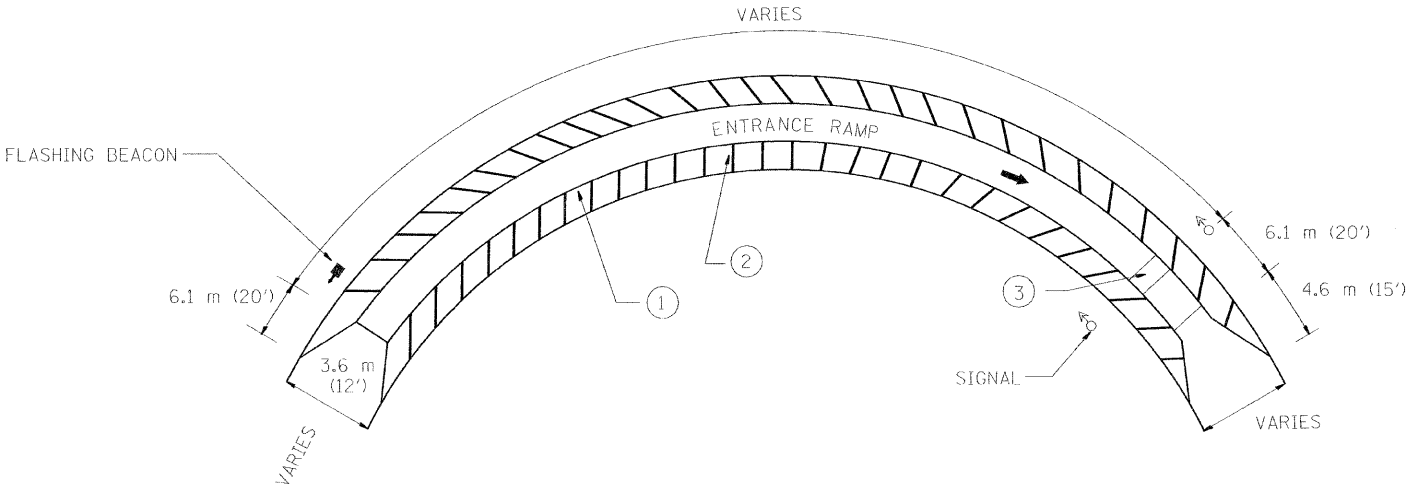
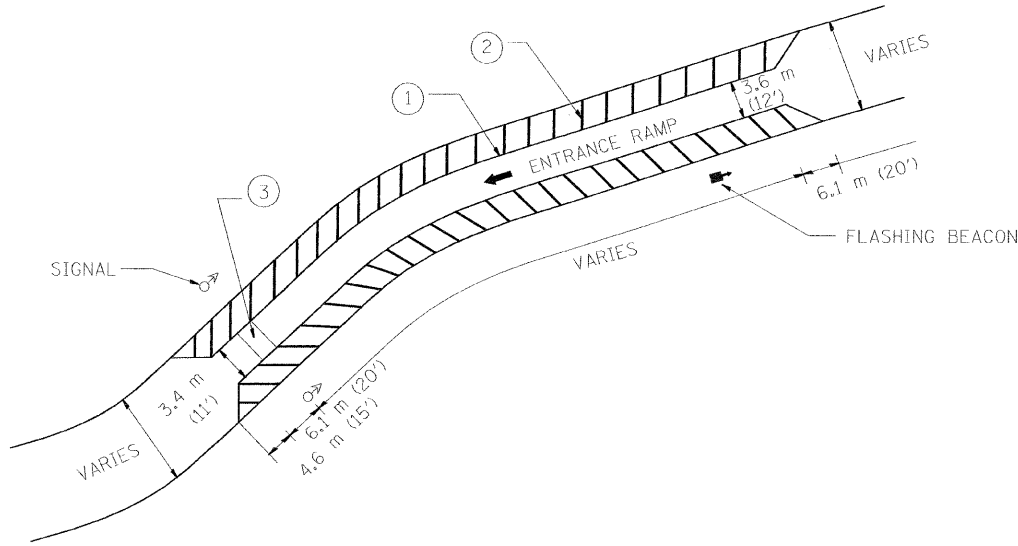
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

DIVE HOLE DUCT SYSTEM

SCALE: VERT. NONE
HORIZ. DATE 11/7/95

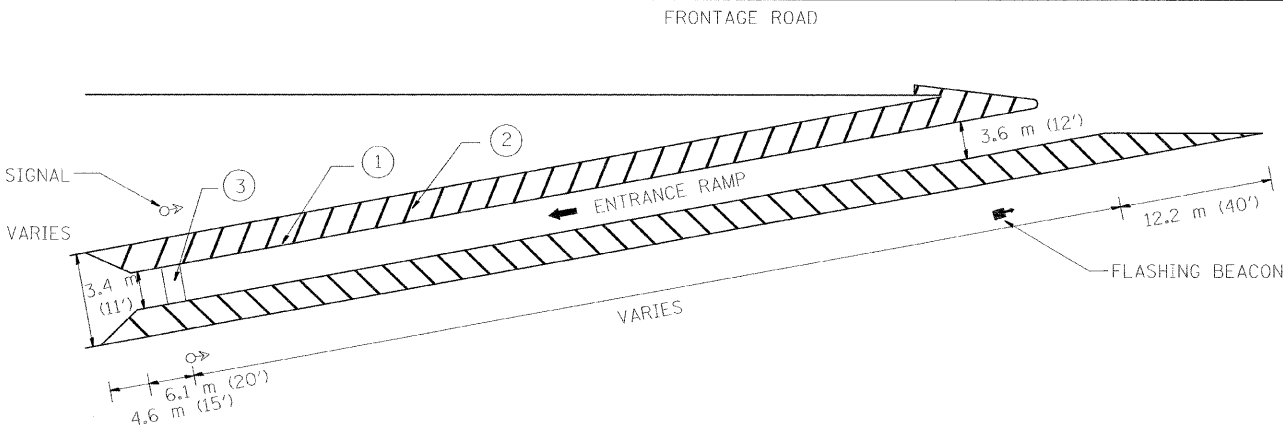
DRAWN BY G.M.
CHECKED BY R.L.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	84
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				



PAVIMENT MARKING

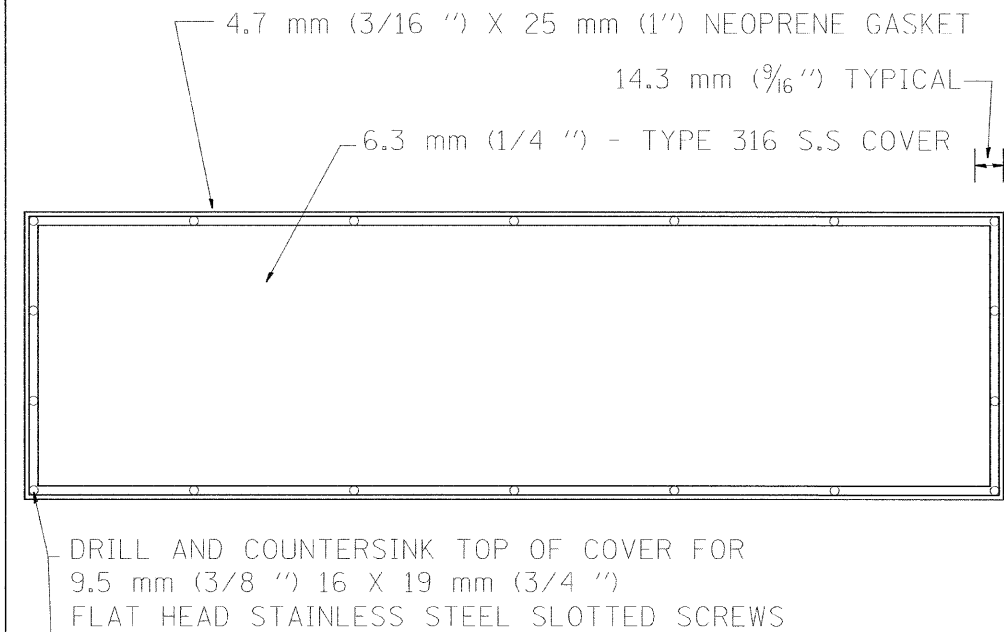
- ① 305 mm (12") WHITE CHANNEL MARKINGS
- ② 203 mm (8") WHITE CROSS-HATCHING AT 3.05 m (10') INTERVALS
- ③ 609 mm (24") WHITE STOP BAR CENTERED BETWEEN SIGNALS



REVISIONS	
NAME	DATE
R.L.	6/94
T.C.	10/96

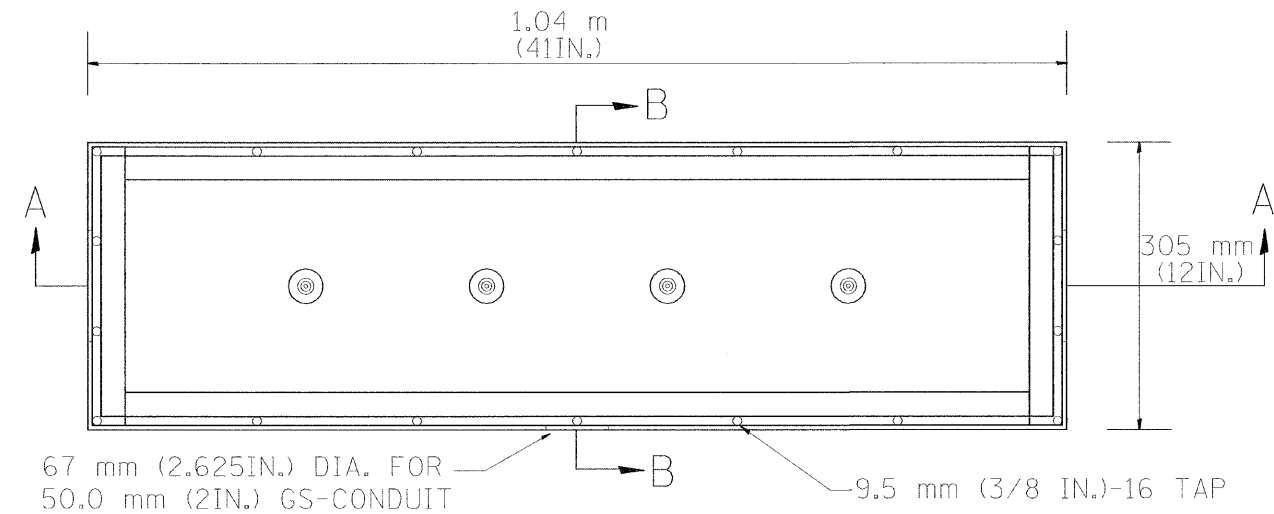
ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	
TYPICAL RAMP METERING STRIPING	
SCALE: VERT. NONE HORIZ.	DRAWN BY G.M.
DATE 6-22-94	CHECKED BY R.L.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	85
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				



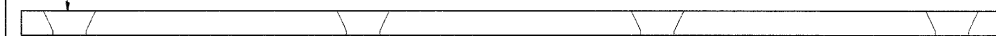
BACK VIEW

STAINLESS STEEL COVER WITH NEOPRENE GASKET



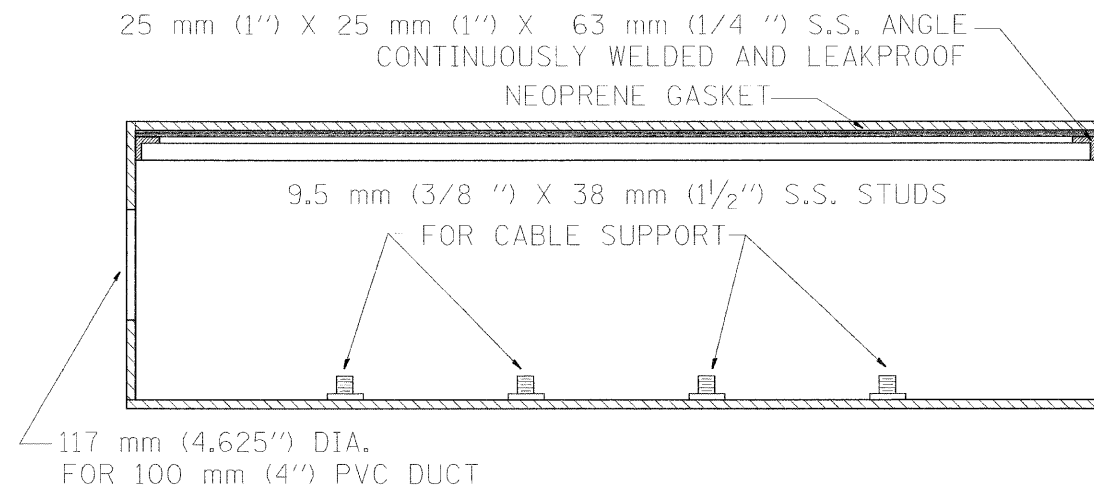
TOP VIEW

STAINLESS STEEL JUNCTION BOX TYPE "J"

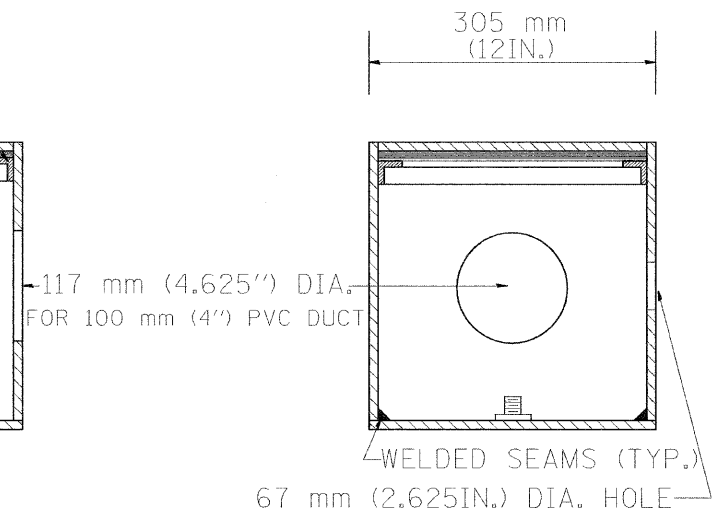


SIDE VIEW

STAINLESS STEEL COVER



SIDE VIEW SECTION A-A



SIDE VIEW SECTION B-B

NOTE:

JUNCTION BOX TO BE CONSTRUCTED OF 6.3 mm (1/4 IN.) TYPE 316 STAINLESS STEEL
ALL WELDS SHALL BE CONTINUOUS AND LEAKPROOF
ALL COVERS SHALL BE UNIVERSAL IN FIT.

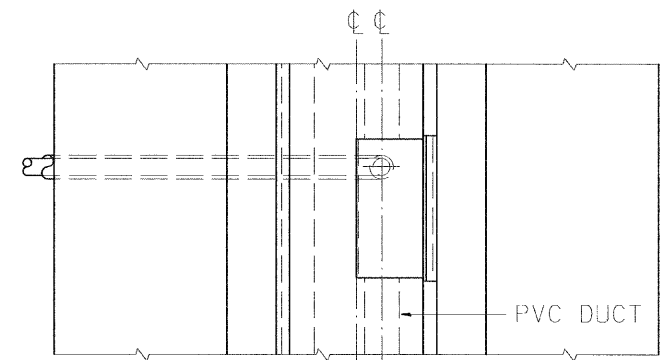
BARRIER WALL SHALL BE GAPPED A MINIMUM OF 4.57 m (15ft.) FOR PROPER PLACEMENT OF JUNCTION BOX TYPE "J" AND FOR A SMOOTH TRANSITION OF 100 mm (4IN.) PVC SURVEILLANCE DUCT(S) FROM BARRIER WALL FOOTER INTO JUNCTION BOX.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	TRAFFIC SYSTEMS CENTER	
R.L.	6/94	CONCRETE	
T.C.	10/96	BARRIER WALL JUNCTION BOX	
		TYPE "J"	
		SCALE: VERT. NONE	
		HORIZ. DATE 6-22-94	
		DRAWN BY G.M.	
		CHECKED BY R.L.	

• 5312.1,3,3,11R5-11891 & 1990-1168R

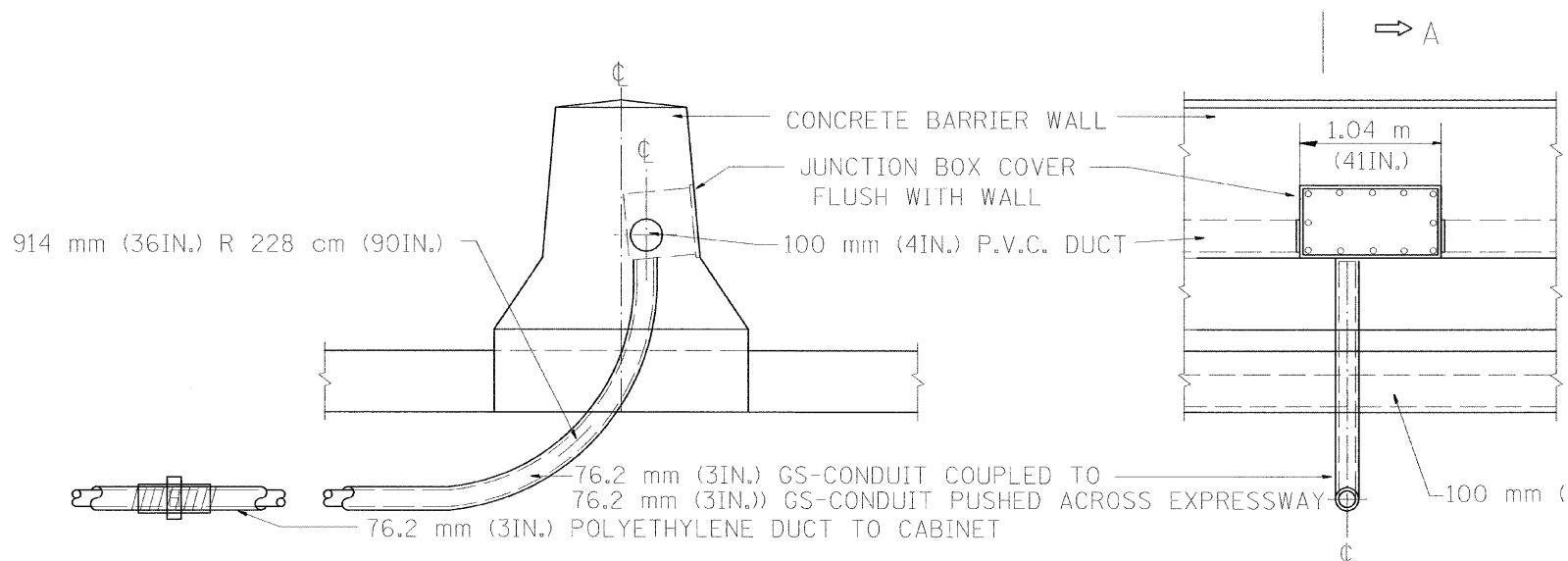
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	86
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62408



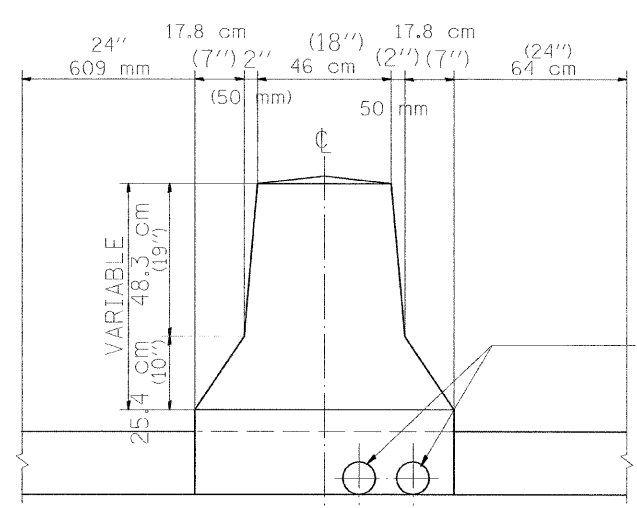
TOP VIEW

TYPE "J" JUNCTION BOX PLACEMENT
WITH 76.2mm (3IN.) GS-CONDUIT ACCESS



SECTION A-A

THREADED COUPLING

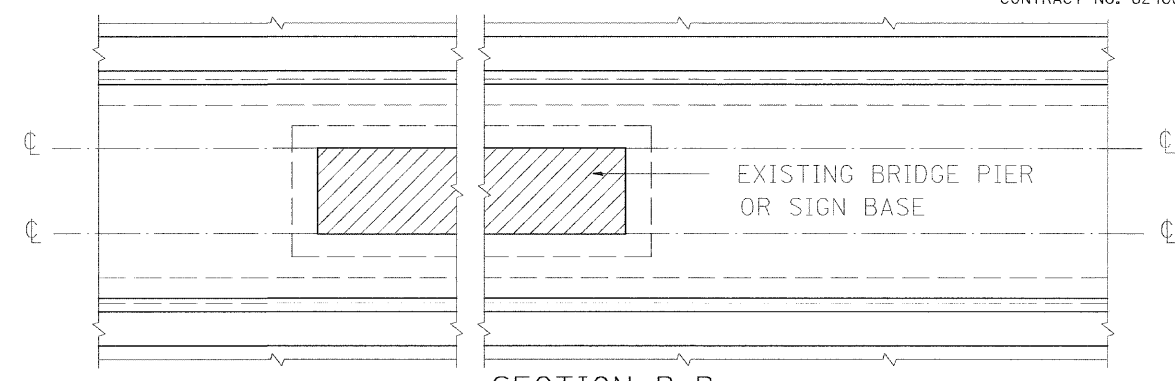


INTERCONNECT P.V.C. DUCT LOCATION
AT TYPICAL BARRIER CROSS SECTION

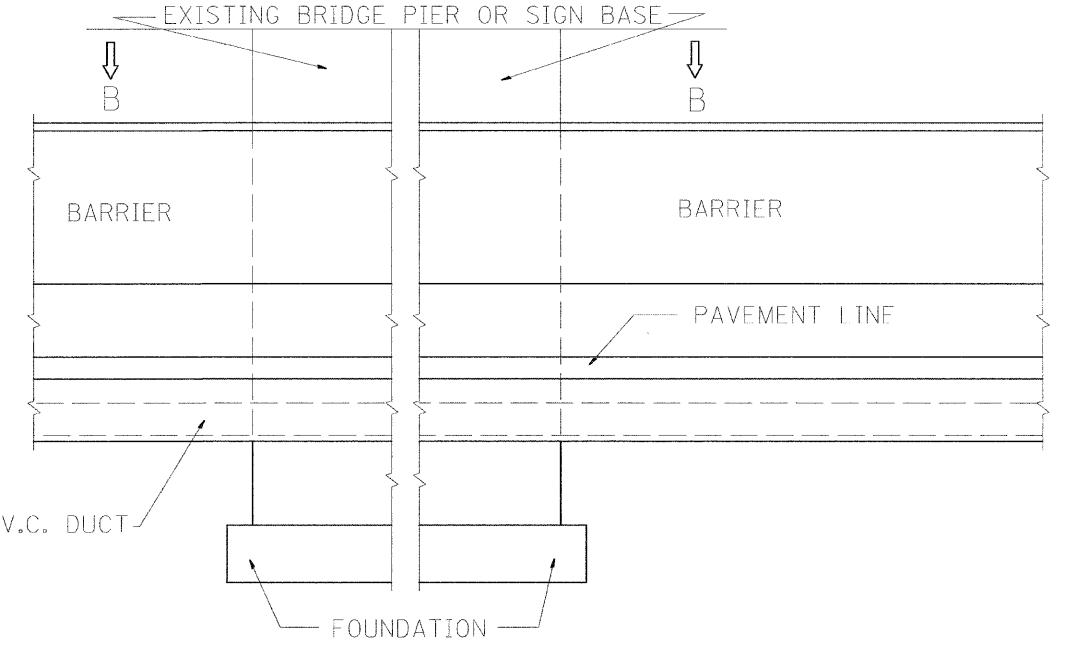
FRONT VIEW

TYPE "J" JUNCTION BOX PLACEMENT
WITH 76.2 mm (3IN.) GS-CONDUIT ACCESS

BARRIER WALL SHALL BE GAPPED A MINIMUM OF 4.57 m (15ft.) FOR PROPER PLACEMENT OF JUNCTION BOX TYPE "J"
AND FOR A SMOOTH TRANSITION OF 100 mm (4IN.) PVC SURVEILLANCE DUCT(S) FROM BARRIER WALL FOOTER INTO JUNCTION BOX.



SECTION B-B

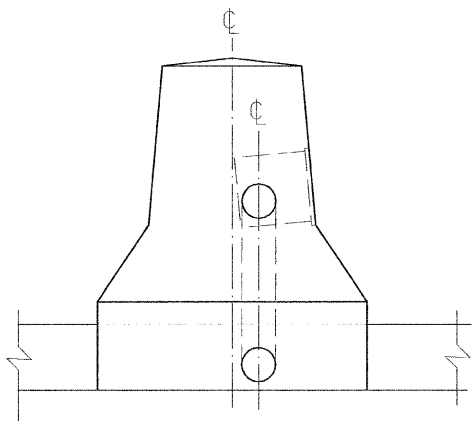


FRONT VIEW

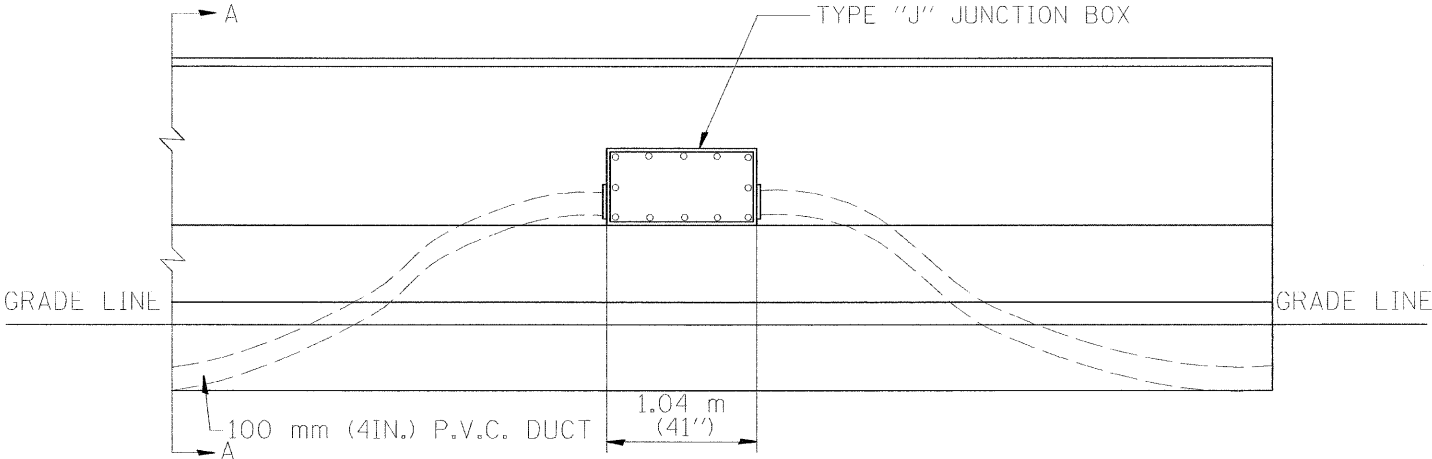
BARRIER WALL AT BRIDGE PIER
P.V.C. DUCT PLACEMENT

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	
NAME	DATE		
R.L.	6/94	TYPE "J" JUNCTION BOX & P.V.C. DUCT PLACEMENT	
T.C.	10/96		
		SCALE: VERT. NONE HORIZ. DATE 6-22-94	
		DRAWN BY G. M. CHECKED BY R.L.	

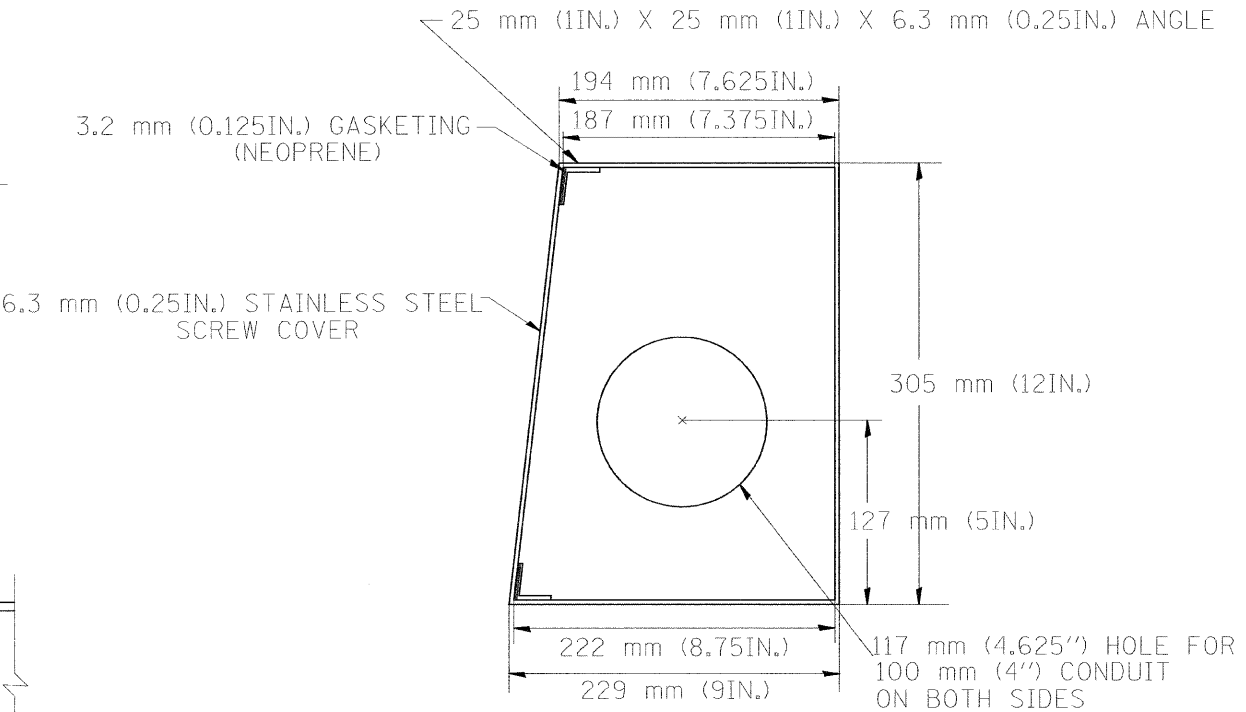
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	87
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				



SECTION A-A

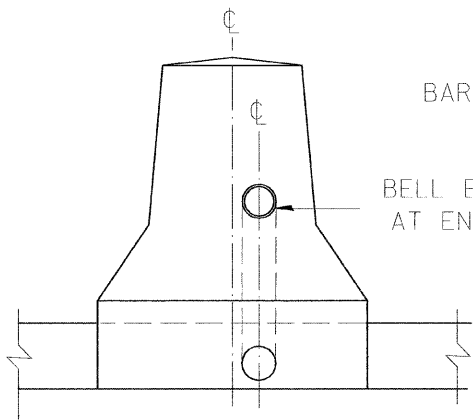


ELEVATION
BARRIER WALL DUCT DETAIL
457.2 m (1500FT.) INTERVAL

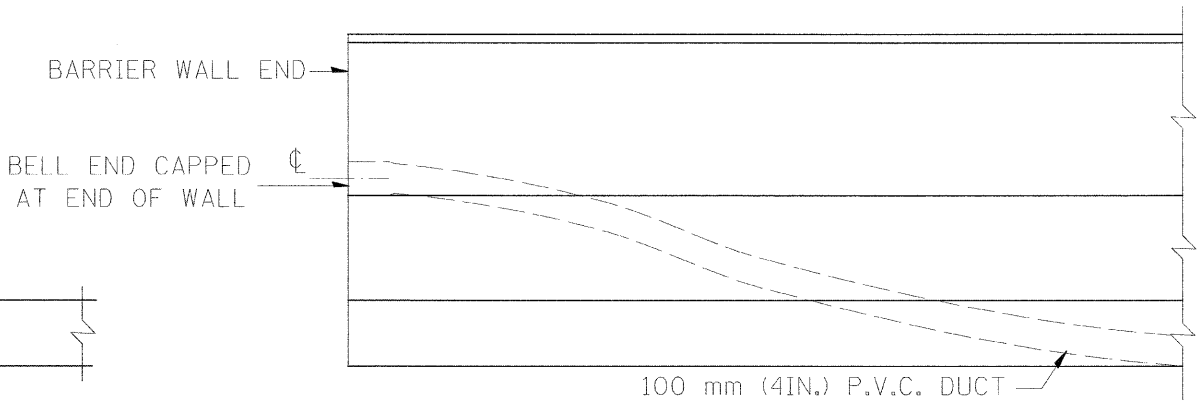


SIDE VIEW

SPECIAL JUNCTION BOX TYPE "J" TO BE
INSTALLED IN BARRIER WALL TYPE "2" ONLY



END VIEW



ELEVATION

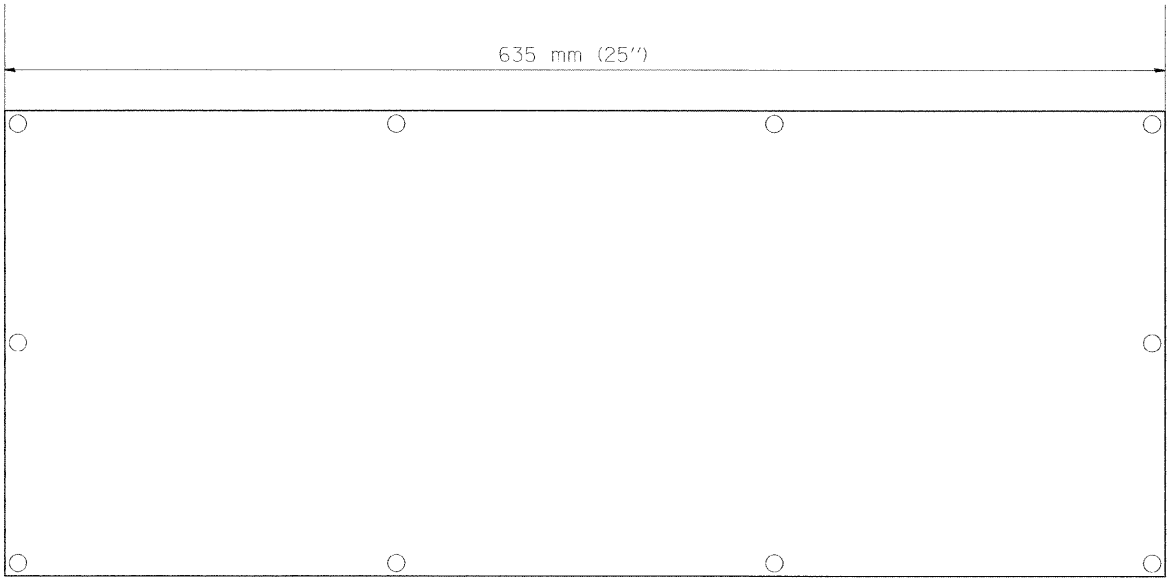
END OF BARRIER WALL DUCT DETAIL

BARRIER WALL SHALL BE GAPPED A MINIMUM OF 4.57 m (15ft.) FOR PROPER PLACEMENT OF JUNCTION BOX TYPE "J"
AND FOR A SMOOTH TRANSITION OF 100 mm (4IN.) PVC SURVEILLANCE DUCT(S) FROM BARRIER WALL FOOTER INTO JUNCTION BOX.

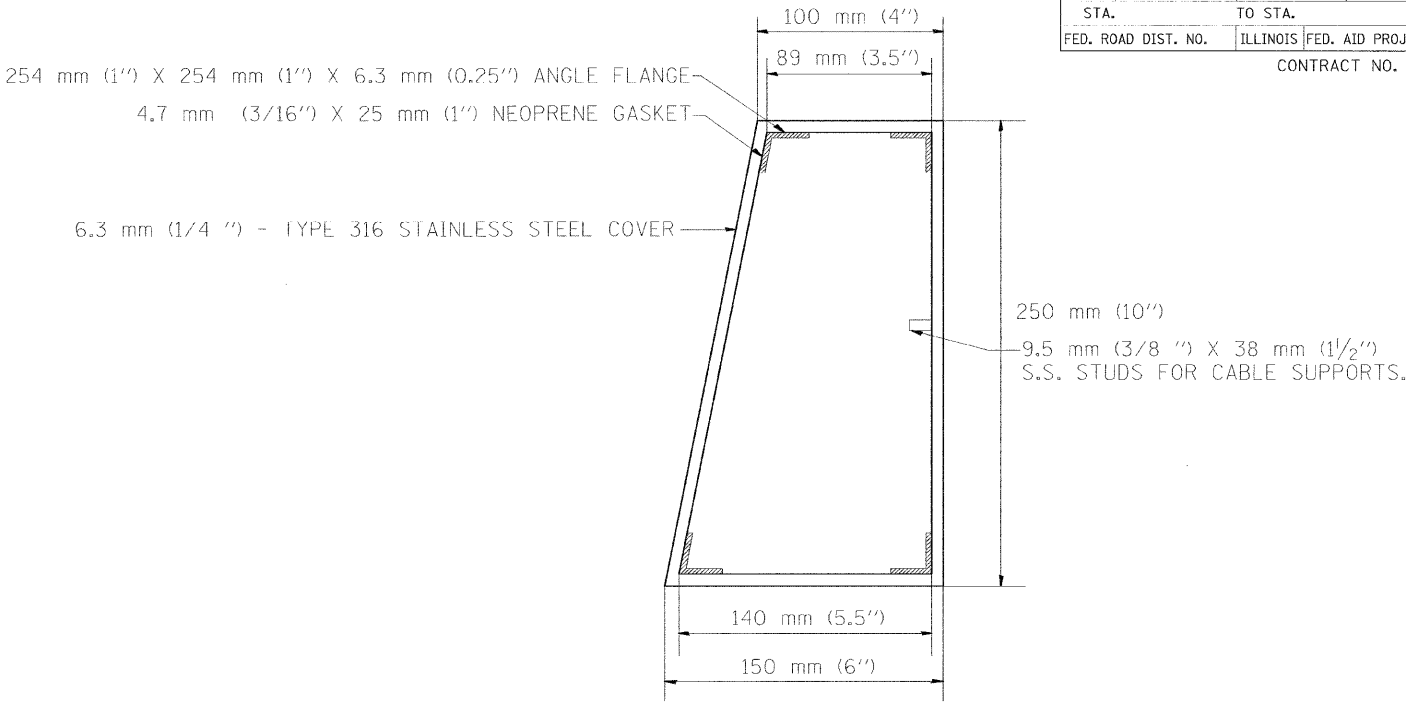
ALL WELDS SHALL BE CONTINUOUS AND LEAK PROOF
BOX AND COVER SHALL BE 6.4 mm (0.25IN.) TYPE 316 STAINLESS STEEL

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	
NAME	DATE	TRAFFIC SURVEILLANCE BARRIER WALL DUCT DETAILS	
R.L.	6/94	SCALE: VERT. NONE	
T.C.	10/96	DATE 6-22-94	
R.L.	2/98	DRAWN BY G.M.	
		CHECKED BY R.L.	

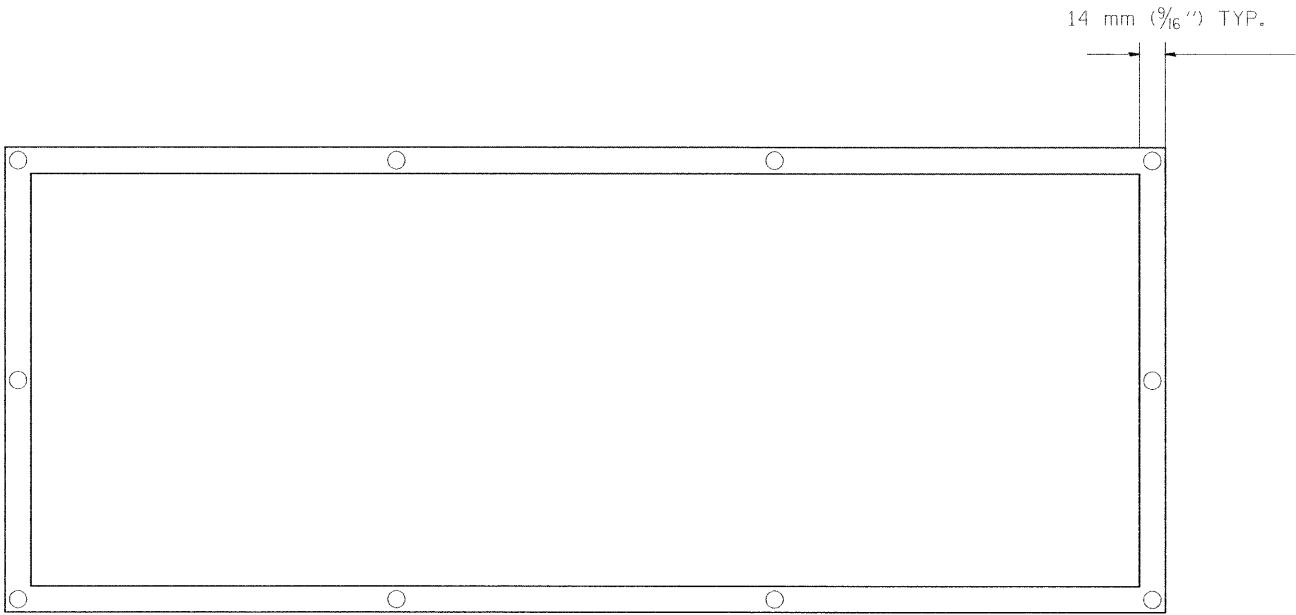
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	88
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				



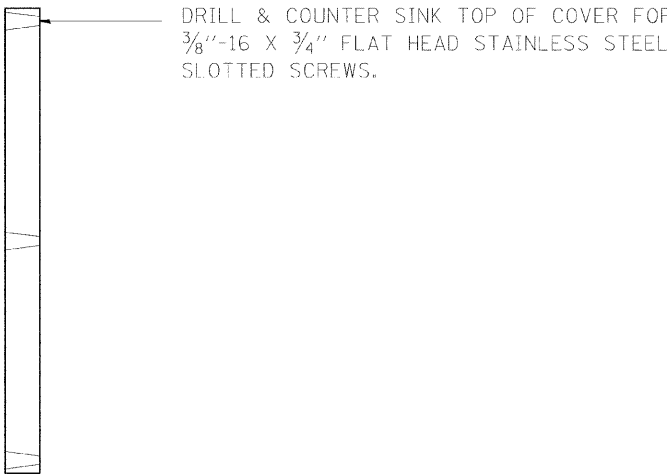
FRONT VIEW



SIDE VIEW



BACK VIEW
OF COVER WITH NEOPRENE GASKET



SIDE VIEW OF COVER

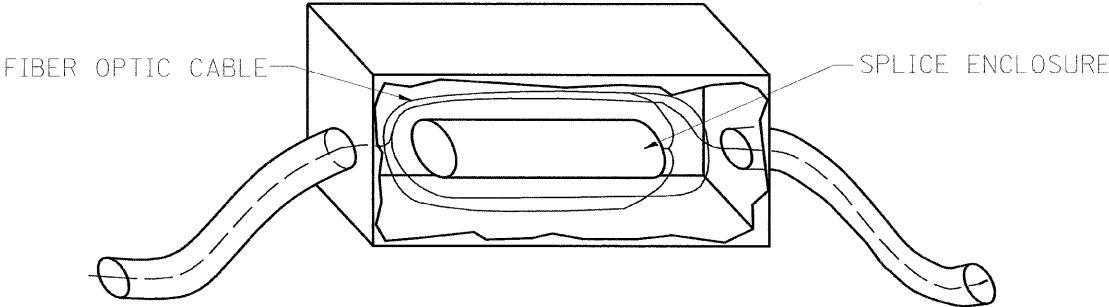
NOTES:

- JUNCTION BOXES TO BE CONSTRUCTED OF 6.3 mm (1/4 IN.) TYPE 316 STAINLESS STEEL.
- ALL WELDS SHALL BE CONTINUOUS AND LEAK PROOF.
- ALL COVERS SHALL BE UNIVERSAL IN FIT.
- TAP ANGLE FLANGE FOR 3/8IN.-16 X 3/4IN. SCREW.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NAME	DATE	
G.M.	2/98	JUNCTION BOX
		SCALE: VERT. NONE HORIZ. DATE
		DRAWN BY G.M. CHECKED BY R.L.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC. 1415 & 1517R-7	COOK	246	89
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

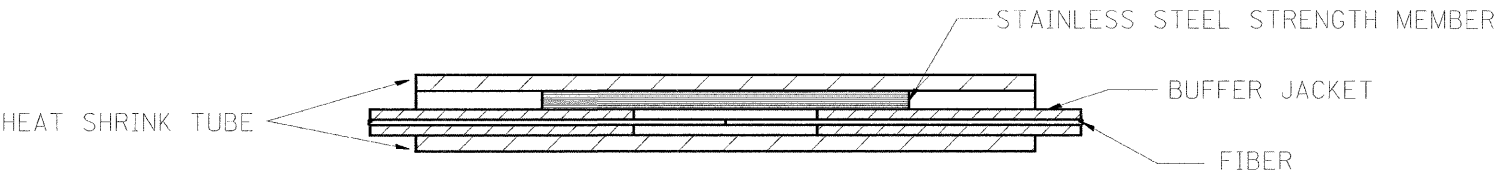
CONTRACT NO. 62408



FIBER OPTIC CABLE

SPLICE ENCLOSURE

JUNCTION BOX DETAIL



HEAT SHRINK TUBE

STAINLESS STEEL STRENGTH MEMBER

BUFFER JACKET

FIBER

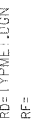
FIBER SPLICE DETAIL

RD=TYPMET.DGN

RF=

VI=66313

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NAME	DATE	
		FIBER OPTIC WIRING DETAIL
SCALE: VERT. NONE HORIZ. DATE 4-26-93		DRAWN BY G.M. CHECKED BY D.S.



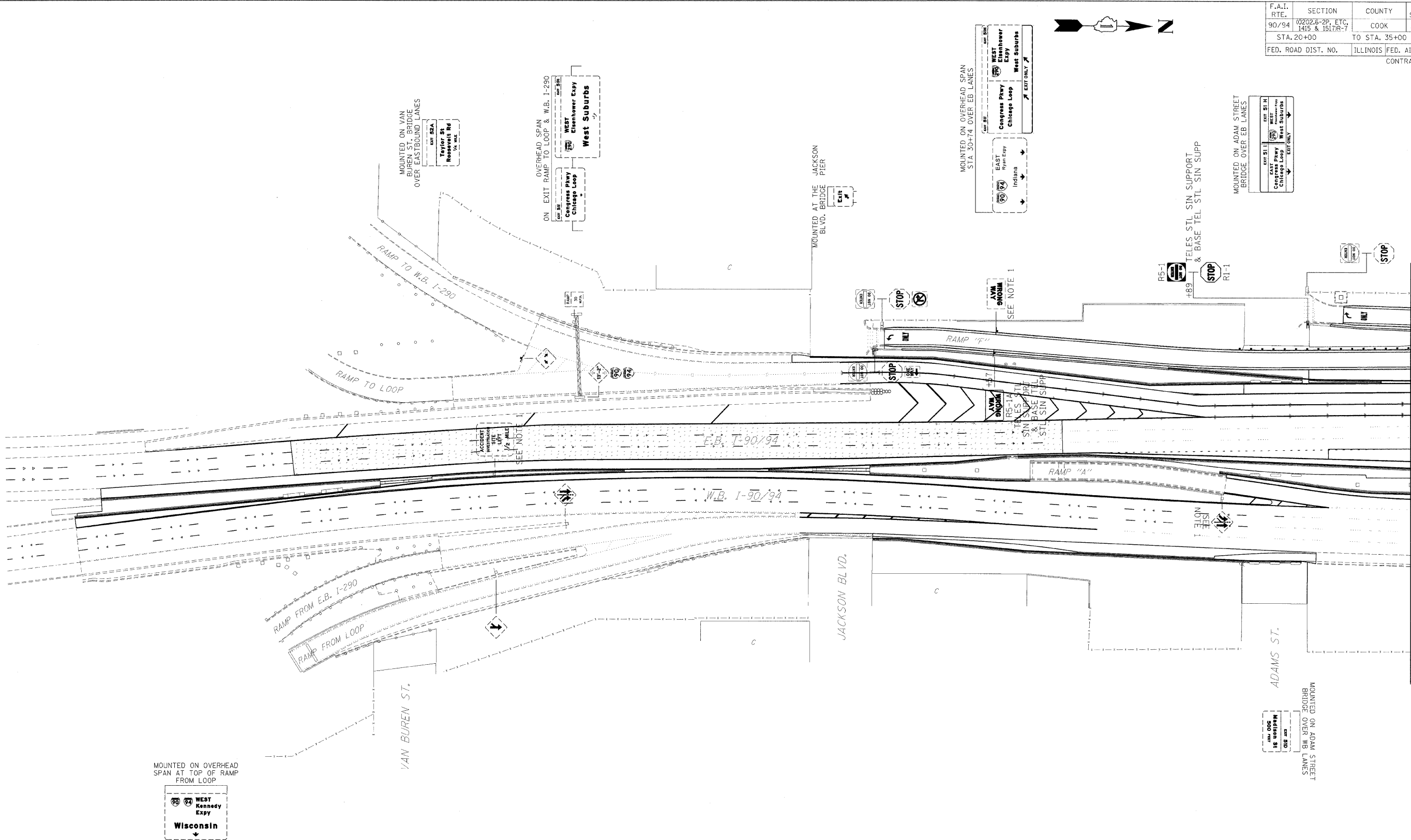
SIDE VIEW OF FLASHER AND CAMERA



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER CAMERA/FLASHER DETAIL SHEET
NAME	DATE	
SCALE: VERT. NONE HORIZ. NONE		DRAWN BY G.M.
DATE 9-02-03		CHECKED BY J.G.

PLAN	SURVEYED	BY	DATE
NOTE BOOK	DATE		
NO.	NO.		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	DATE		
NO.	NO.		



NOTES:
1. SIGN TO BE REMOVED AND REPLACED
IN ACCORDANCE WITH ARTICLE 107.25
OF THE STANDARD SPECIFICATIONS.

SIGN LEGEND	
	EXISTING SIGN
	PROPOSED SIGN

ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNING PLAN

I-90/94 KENNEDY EXPRESSWAY

STA. 20+00 TO STA. 35+00

SCALE : 1" = 50'
DATE : 02/06/09

DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	91
STA. 20+00 TO STA. 35+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		CONTRACT NO. 62408		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO. _____	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHYND		



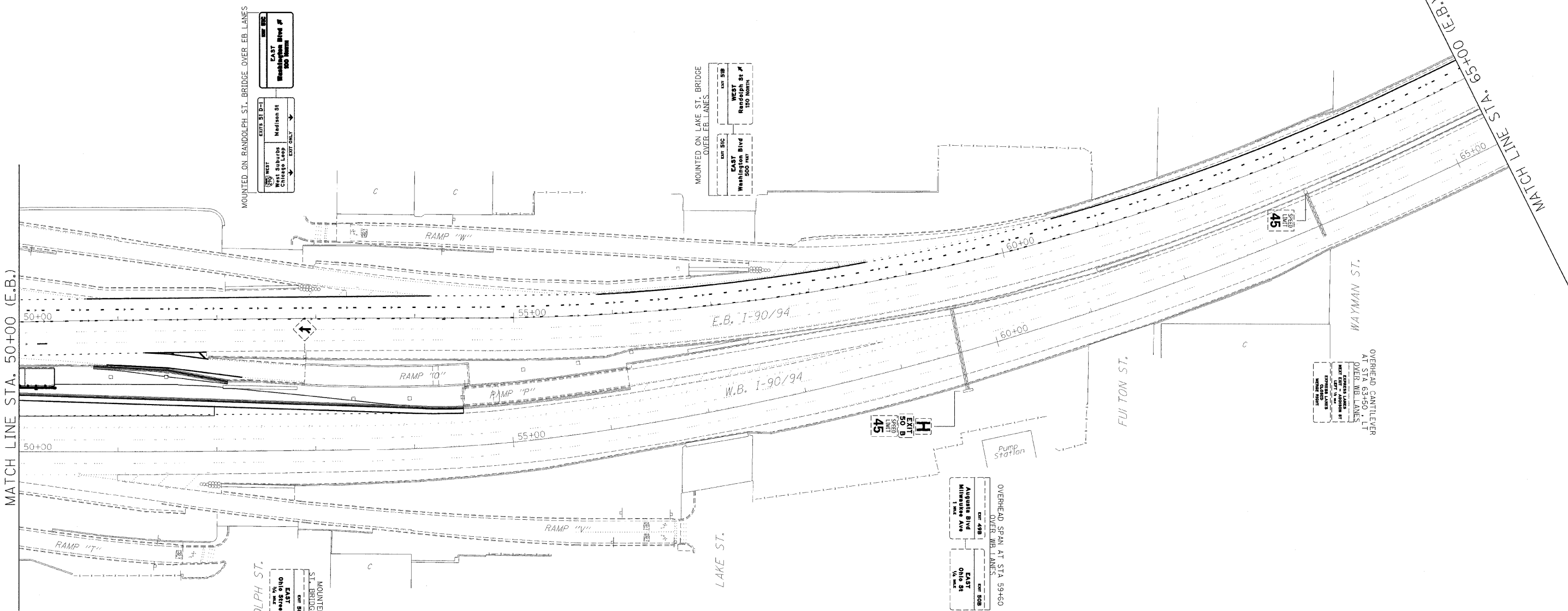
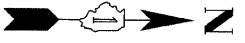
SIGN LEGEND

	EXISTING SIGN
	PROPOSED SIGN

SIGNING PLAN

STA. 35+00 TO STA. 50+00

DRAWN BY : BEC
CHECKED BY : GB



PLAN	DATE	BY
SURVEYED		
DESIGNED		
CHECKED		
APPROVED		
NOTE BOOK NO.		
FILE NAME		

PROFILE	DATE	BY
SURVEYED		
DESIGNED		
CHECKED		
APPROVED		
NOTE BOOK NO.		
FILE NAME		

SIGN LEGEND	
	EXISTING SIGN
	PROPOSED SIGN

NOTES:
1. SIGN TO BE REMOVED AND REPLACED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.

ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNING PLAN

I-90/94 KENNEDY EXPRESSWAY

STA. 50+00 TO STA. 65+00

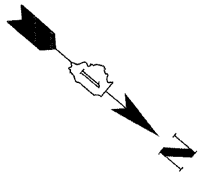
SCALE : 1" = 50'

DATE : 02/06/09

DRAWN BY : BEC

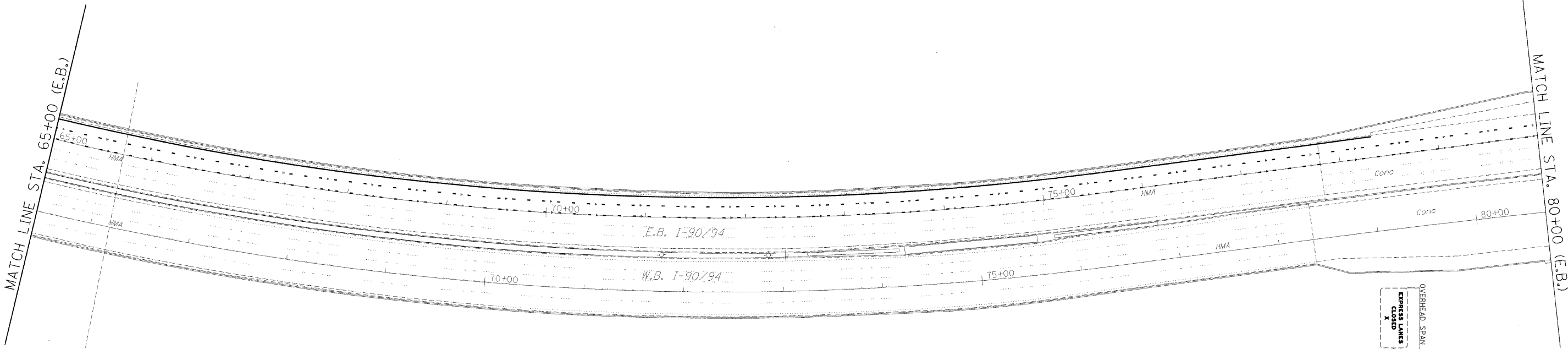
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(101.6 (P.2P) & 0202.6 (P) ET AL	COOK	246	94
STA. 65+00		TO STA. 80+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		



OVERHEAD SPAN AT STA. 79+20 OVER WB LANE
EXPRESS LANES
CLOSED
Wisconsin
EAST
100 ft

SIGN LEGEND

- EXISTING SIGN
- PROPOSED SIGN

ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNING PLAN

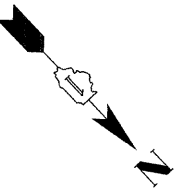
I-90/94 KENNEDY EXPRESSWAY

STA. 65+00 TO STA. 80+00

SCALE : 1" = 50'
DATE : 02/06/09

DRAWN BY : BEC
CHECKED BY : GB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(101.6 (IP-2P) & 0202.6 (IP) ET AL.	COOK	246	95
STA. 80+00		TO STA. 95+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



MATCH LINE STA. 80+00 (E.B.)

MATCH LINE STA. 95+00 (E.B.)

OVERHEAD SPAN AT STA. 80+00 OVER WB LANKS

EXPRESS LINES CLOSED

LANE ENDS

1000' WB

WEST Wisconsin

OVERHEAD SPAN AT STA. 85+00 OVER EB LANKS

WEST Madison St

East Washington Blvd

WEST Remond St

85+00

85+00

90+00

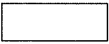
90+00

95+00

SIGN LEGEND



EXISTING SIGN



PROPOSED SIGN

ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNING PLAN

I-90/94 KENNEDY EXPRESSWAY

STA. 80+00 TO STA. 95+00

SCALE : 1" = 50'

DATE : 02/06/09

DRAWN BY : BEC

CHECKED BY : GB

\$FILE\$

\$DATE\$

\$TIME\$

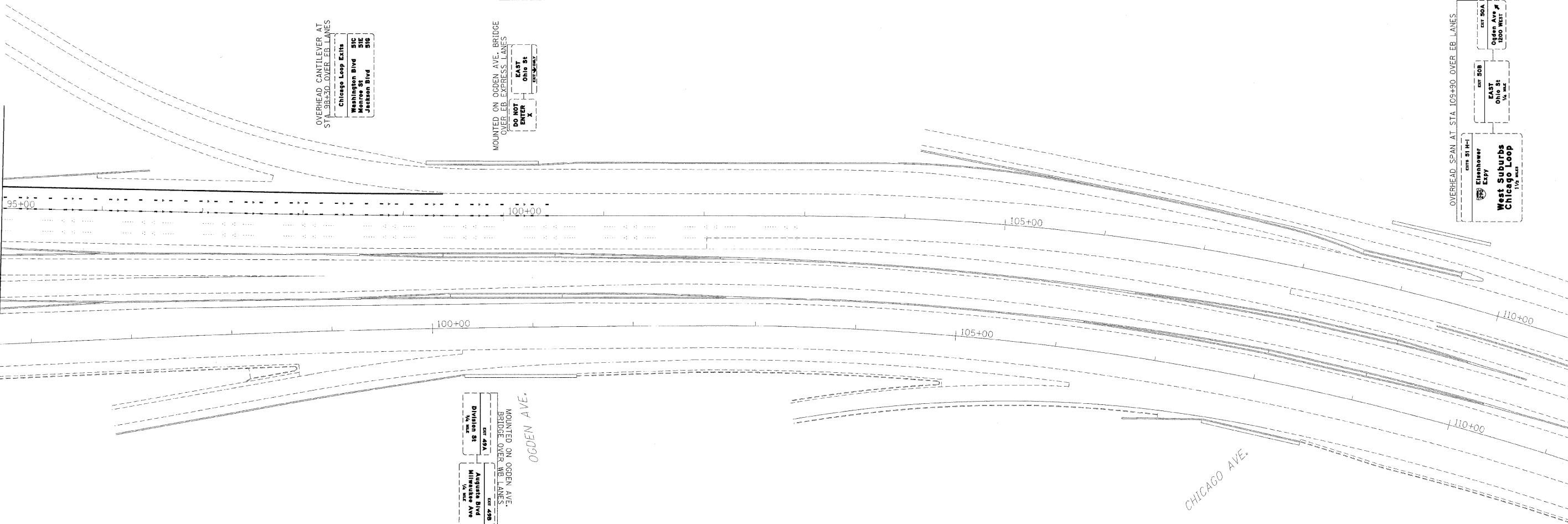
PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	RT. OF WAY CHECKED		
	PAID FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATION'S CHECKED		

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	RT. OF WAY CHECKED		
	ASD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	RT. OF WAY CHECKED		
	ASD FILE NAME		

MATCH LINE STA. 95+00 (E.B.)

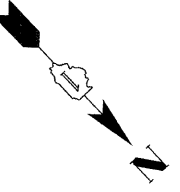


OVERHEAD CANTILEVER AT
STA 98+30 OVER EB LANES
Chicago Loop Exits
Washington Blvd SIC
Monroe St SIC
Jackson Blvd SIC

MOUNTED ON OGDEN AVE. BRIDGE
OVER EB EXPRESS LANES
EXIT 50B
EXIT 50A
EXIT 50C
EXIT 50D
EXIT 50E
EXIT 50F
EXIT 50G
EXIT 50H
EXIT 50I
EXIT 50J
EXIT 50K
EXIT 50L
EXIT 50M
EXIT 50N
EXIT 50O
EXIT 50P
EXIT 50Q
EXIT 50R
EXIT 50S
EXIT 50T
EXIT 50U
EXIT 50V
EXIT 50W
EXIT 50X
EXIT 50Y
EXIT 50Z

MOUNTED ON OGDEN AVE.
BRIDGE OVER WB LANES
EXIT 50B
EXIT 50A
EXIT 50C
EXIT 50D
EXIT 50E
EXIT 50F
EXIT 50G
EXIT 50H
EXIT 50I
EXIT 50J
EXIT 50K
EXIT 50L
EXIT 50M
EXIT 50N
EXIT 50O
EXIT 50P
EXIT 50Q
EXIT 50R
EXIT 50S
EXIT 50T
EXIT 50U
EXIT 50V
EXIT 50W
EXIT 50X
EXIT 50Y
EXIT 50Z

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(001.6 (IP,2P) & 0202.6 (IP) ET AL	COOK	246	96
STA. 95+00	TO STA. 110+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

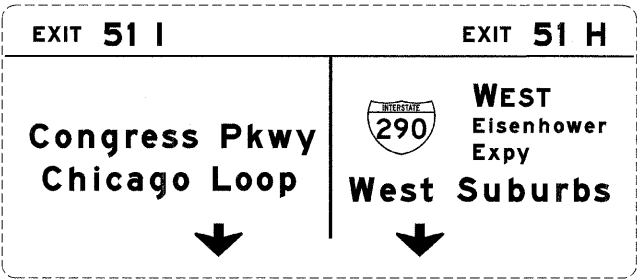
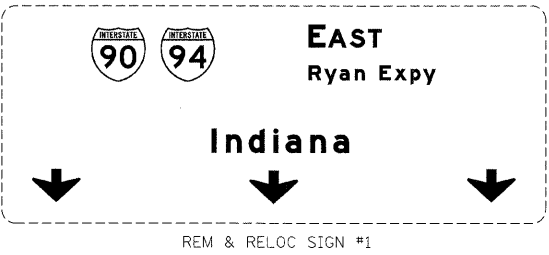


OVERHEAD SPAN AT STA 109+90 OVER EB LANES
EXIT 50B
EXIT 50A
EXIT 50C
EXIT 50D
EXIT 50E
EXIT 50F
EXIT 50G
EXIT 50H
EXIT 50I
EXIT 50J
EXIT 50K
EXIT 50L
EXIT 50M
EXIT 50N
EXIT 50O
EXIT 50P
EXIT 50Q
EXIT 50R
EXIT 50S
EXIT 50T
EXIT 50U
EXIT 50V
EXIT 50W
EXIT 50X
EXIT 50Y
EXIT 50Z

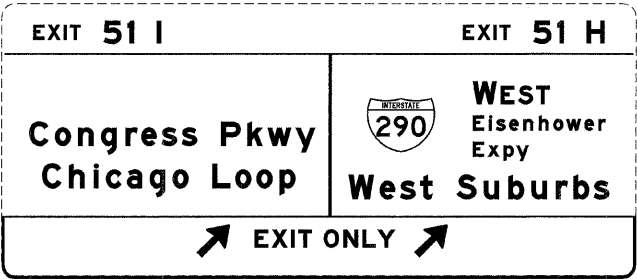
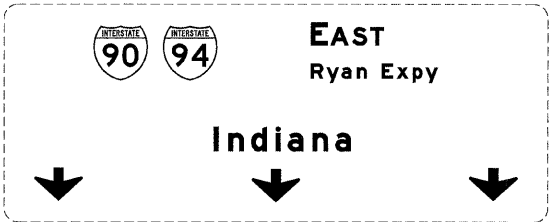
SIGN LEGEND

- EXISTING SIGN
- PROPOSED SIGN

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGNING PLAN
I-90/94 KENNEDY EXPRESSWAY
STA. 95+00 TO STA. 110+00
SCALE : 1" = 50'
DATE : 02/06/09
DRAWN BY : BEC
CHECKED BY : GB



EXISTING EASTBOUND OVERHEAD SPAN MOUNTED SIGNS



SIGN PANEL OVERLAY

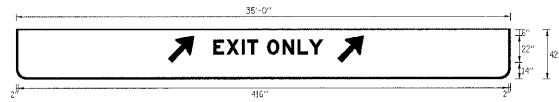


PROPOSED EASTBOUND OVERHEAD SPAN MOUNTED SIGNS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION STA 30+74 OVERHEAD SPAN SIGN PANEL MOUNTING DETAIL I-90/94 KENNEDY EXPRESSWAY SCALE : 1" = NTS DATE : 02/06/09 DRAWN BY : BEC CHECKED BY : GB
NAME	DATE	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
90/94	40203.6-2P, ETC. 1415 & 1517R-7	COOK	246	98
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

SIGN DETAIL



SIGN NUMBER	OVERLAY
WIDTH x HGT.	35'-0" x 3'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	Overhead
BACKGRO.IND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	X	Y	#10	HT
ARMED	129.2	14	18	28.4
ARMED	273.2	14	18	28.4

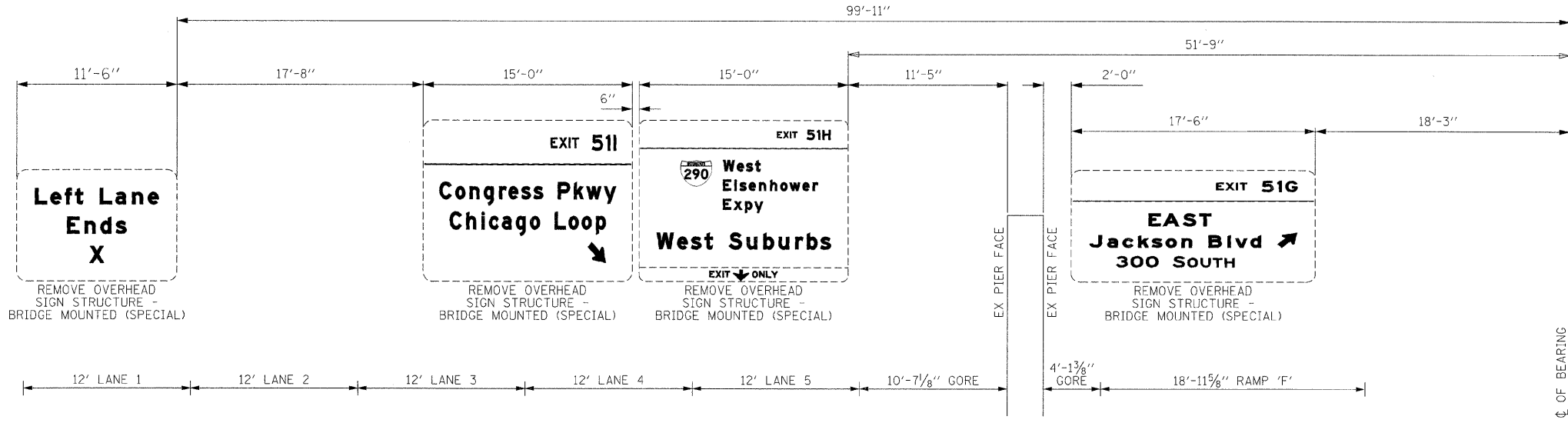
Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

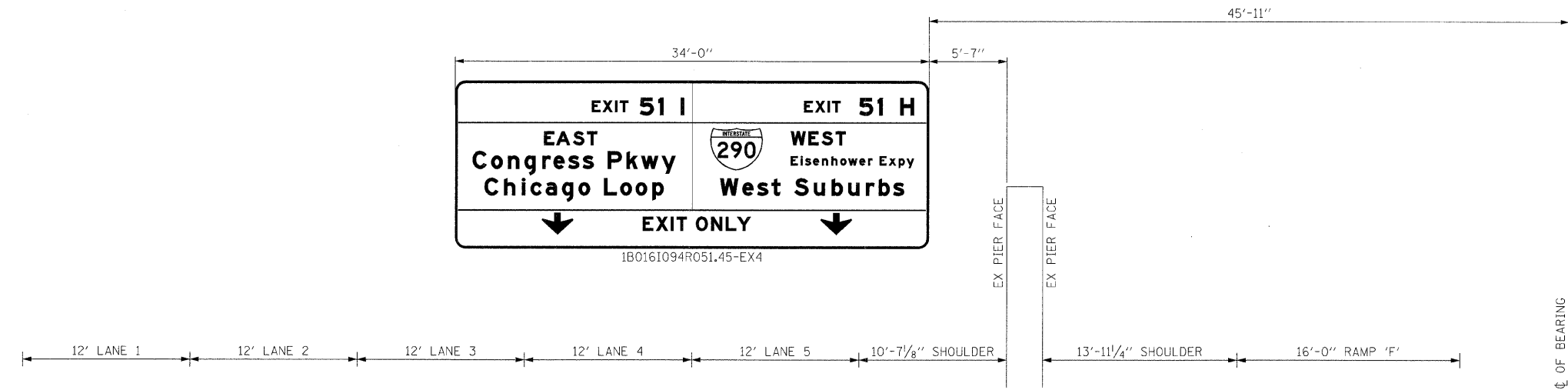
[illegible]

NOTE: ALL SIGNS SHALL BE FABRICATED USING TYPE ZZ SHEETING AND CLEARVIEW FONT

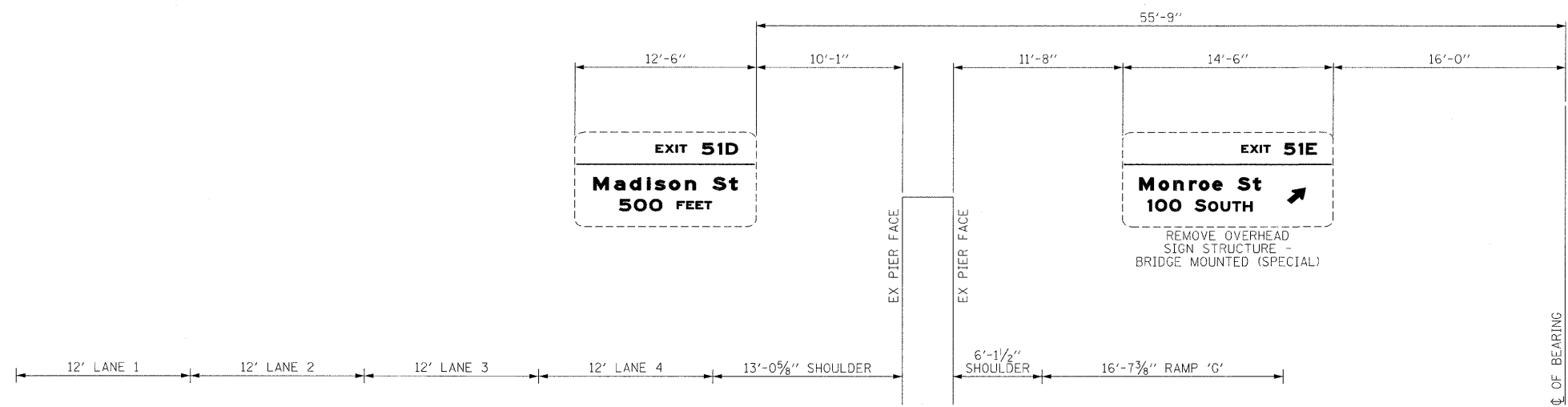
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION <u>STA 30+74 OVERHEAD SPAN</u> <u>SIGN PANEL MOUNTING DETAIL</u> I-90/94 KENNEDY EXPRESSWAY
NAME	DATE	
SCALE : 1" = NTS DATE : 02/06/09		DRAWN BY : BEC CHECKED BY : GB



EXISTING EASTBOUND BRIDGE MOUNTED SIGNS



PROPOSED EASTBOUND BRIDGE MOUNTED SIGNS



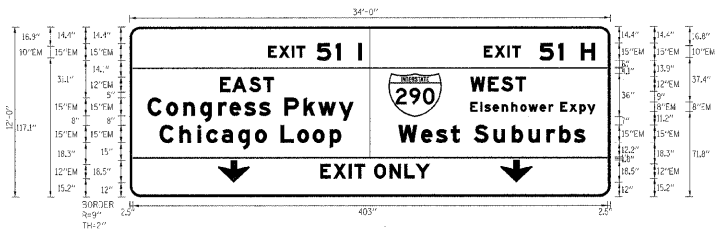
EXISTING WESTBOUND BRIDGE MOUNTED SIGNS
(MONROE RAMP BEING REMOVED. NO PROPOSED SIGNS.)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ADAM ST. SIGN PANEL
MOUNTING DETAIL**
I-90/94 KENNEDY EXPRESSWAY

SCALE : 1" = NTS DRAWN BY : BEC
DATE : 02/06/09 CHECKED BY : GB

SIGN DETAIL



Dimensions are in inches, tenths

Letter locations are panel edge to lower left corner

SIGN NUMBER	1B0161094R051.45 EX4
WIDTH x HEIGHT	34'-0" x 12'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	Overhead
BACKGROUND	White Reflective
COLORS	Green
LEGEND/BORDER	TYPE: Reflective COLORS: White/White
SYMBOL	X Y MID HT
MT.1	213.7 67.5 45 1.36
ARROW	14.7 12 27 18.5
ARROW	114.7 12 27 18.5

LETTER POSITIONS (X)																				LENGTH	SERIES/SIZE
E	X	I	T	S	I																EM10/EM5
117.4	106.8	137.5	146.6	158.9	174.7	194.1															76.7
E	X	I	T	S	I	H															EM10/EM5
306.5	308.9	320.4	324.6	347.8	363.6	383.1															94.5
E	A	S	I																		EM12
76.4	86.9	101.4	113.4																		46.8
E	A	S	I																		EM12
289.1	304.1	315.4	327.5																		47.2
E	I	E	E	N	H	O	W	O	R	E	X	P	Y								EMB/6
299.1	297.5	301.3	306.1	315.8	324	331.6	338.5	349	355.6	365.5	373.4	381.9	388.5								306
C	O	N	G	R	E	S	S	P	A	W	Y										EM15/11.3
15	21	45.5	58.7	75	84.5	97.3	109.8	131.3	147.5	160.1	177.6										114.7
C	H	I	C	O	D	L	O	D													EM15/11.3
25.2	42.1	51.4	64.9	77.9	92	106.2	126.1	142.2	155.4	168.9											154.2
W	S	I	S	U	B	U	R	D	S												EM15/11.3
228.1	247.3	260.1	272.5	292	308.8	324.2	338.4	353.8	364.5	377.1											158.6
E	X	I	T	O	N	L	Y														EM12
161.7	173	185.9	190.7	207.5	220.5	233.1	242.7														53

NOTE: ALL SIGNS SHALL BE FABRICATED USING TYPE ZZ SHEETING AND CLEARVIEW FONT

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
90/94	0202E 2P, ETC J415 & J51DB-7	COOK	246	100
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62408				

CONTRACT NO. 62408

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION <u>ADAM ST. SIGN PANEL</u> <u>MOUNTING DETAIL</u> I-90/94 KENNEDY EXPRESSWAY SCALE : 1" = NIS__ DRAWN BY : BEC__ DATE : 02/27/09 CHECKED BY : GB__
NAME	DATE	