

FOR INDEX OF SHEETS, SEE SHEET NO. 2.

TRAFFIC DATA

ADT = 204,600 VEHICLES
POSTED SPEED LIMIT = 55 MPH

PROJECT LOCATED IN THE CITY OF CHICAGO

STATE OF ILLINOIS

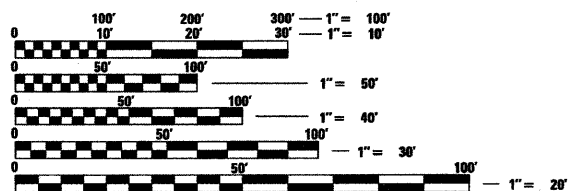
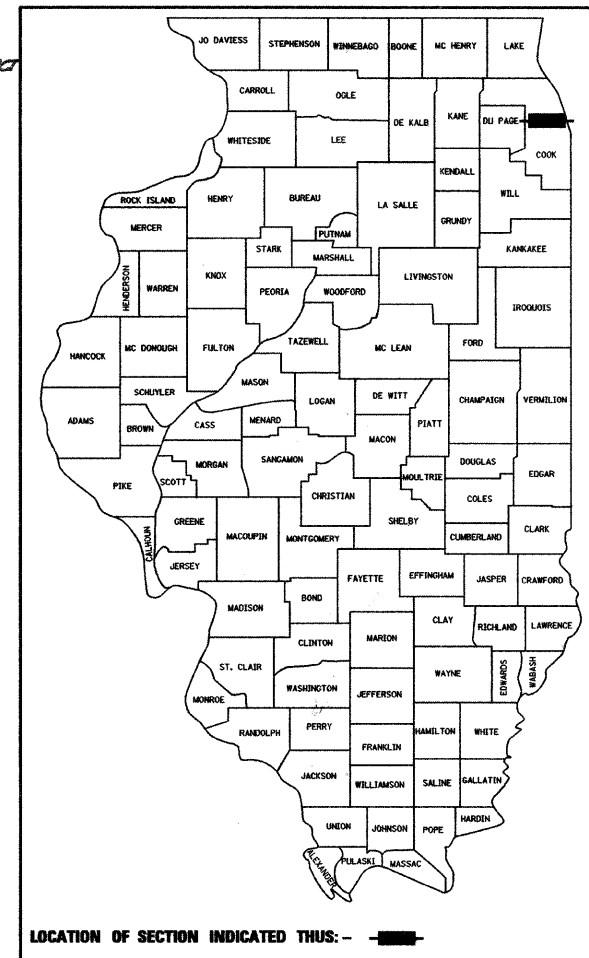
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**
FAI-290 (EISENHOWER EXPRESSWAY)
SECTION (2727, ETC., 3131)RS-7
PROJECT: ACIM-290-4(118)091
AUSTIN AVE. TO SACRAMENTO BLVD.
RESURFACING, BRIDGE REPAIRS, SIGNING AND SURVEILLANCE
COOK COUNTY
C-91-423-10

NOTE: WHEREVER IN THESE PLANS REFERENCE IS MADE TO CONTRACT "60653" IT SHALL MEAN CONTRACT "60K13".

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 60K13		

D-91-341-09



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.

C.U.A.N.
CHICAGO UTILITY AREA NETWORK
1-312-744-7000
OR 811

PROJECT ENGINEER: CRAIG BAUER (847) 705-4265
PROJECT MANAGER: LONG TRAN (847) 705-4232

CONTRACT NO. 60K13



I-290 EB OVER CENTRAL AVE.
SN 016-0094
I-290 WB OVER CENTRAL AVE.
SN 016-0095

PROJECT BEGINS
STA. 872+00

PROJECT ENDS
STA. 1072+00

WEST TOWNSHIP
LAYOUT MAP
SCALE: 1 IN = 1.5 MI

GROSS LENGTH OF PROJECT = 20,000 LIN FT = 3.79 MILES
NET LENGTH OF PROJECT = 20,000 LIN FT = 3.79 MILES



KURT J. NAUS
062-050837
LICENSED PROFESSIONAL ENGINEER
STATE OF ILLINOIS
EXPIRATION DATE 11-30-11
DATE 1-22-10

FRED M. LIN
062-056708
LICENSED PROFESSIONAL ENGINEER
STATE OF ILLINOIS
EXPIRATION DATE 11-30-11
DATE 1-22-10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED JANUARY 22 2010
Diana M. O'Keefe as
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
January 29, 2010
Scott E. Stiles, P.E., P.E.D.
ENGINEER OF DESIGN AND ENVIRONMENT
January 29, 2010
Christine M. Reed, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

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Engineers • Surveyors • Planners
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LIN ENGINEERING, LTD.
Consulting Engineers
Chatham, Illinois Westmont, Illinois

INDEX OF SHEETS

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GENERAL NOTES:

- BEFORE STARTING WORK THE CONTRACTOR SHALL CALL DIGGER AT (312) 774-7000 FOR WORK WITHIN THE CHICAGO CITY LIMITS OR JULIE AT 811 OR (800) 892-0123 FOR WORK OUTSIDE CHICAGO CITY LIMITS FOR FIELD LOCATIONS OF BURIED UTILITIES. 72 HOUR ADVANCE NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE WORK ACTIVITIES WITH ADJACENT CONTRACTS. IDOT CONTRACT NUMBERS ARE 60K10 AND 60K11.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- VERTICAL CLEARANCES OF BRIDGES OVER I-290 SHALL BE MAINTAINED. HMA SURFACE REMOVAL AND PROPOSED HMA SURFACE THICKNESS WILL BE VARIED AS DIRECTED BY THE ENGINEER IF THE EXISTING BITUMINOUS DEPTH IS LESS THAN 2". THE CONTRACTOR SHALL VERIFY ALL BRIDGE CLEARANCES BEFORE AND AFTER CONSTRUCTION AND FURNISH RESULTS TO THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR CONSTRUCTION LAYOUT.
- WHERE 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.
- PATCHING, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND CONCRETE BARRIER REMOVAL AND REPLACEMENT LIMITS ARE NOT SHOWN ON THE PLANS. LIMITS OF THIS WORK WILL BE DETERMINED BY THE ENGINEER.
- BUTT JOINTS WILL BE INSTALLED AT THE END OF ALL RESURFACING SECTIONS TO MATCH EXISTING PAVEMENT. SEE DISTRICT DETAIL BD400-05 - BUTT JOINT AND HMA TAPER DETAILS FOR ALL PCC AND HMA BUTT JOINTS.
- CONTACT EXPRESSWAY OPERATIONS AT (847) 705-4151 TWO WEEKS BEFORE INSTALLING FINAL PAVEMENT MARKINGS.

- THE CONTRACTOR SHALL SWEEP AND CLEAN THE PAVEMENT SURFACE, PER ARTICLE 107.15 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- TEMPORARY EDGE LINES SHOWN IN THE SUGGESTED MAINTENANCE OF TRAFFIC SHALL BE INSTALLED WITHIN 24 HOURS OF MILLING OR BINDER PLACEMENT.
- THE ALIGNMENTS AND SUPPORTING DATA SHOWN IN THE PLANS WAS DEVELOPED FROM PREVIOUS PLANIMETRICS AND AERIAL PHOTOGRAPHY FURNISHED BY THE DEPARTMENT AND IS NOT THE RESULT OF A GROUND SURVEY. THEREFORE, THE ALIGNMENTS AND SUPPORTING DATA SHOWN IN THE PLANS IS FOR REFERENCE PURPOSES ONLY. THE RELATIVE ACCURACY OF THE INFORMATION IS UNKNOWN AND CANNOT BE GUARANTEED. THE CONTRACTOR MAY BE REQUIRED TO ADJUST LAYOUT TO MATCH ACTUAL FIELD CONDITIONS AND THE INTENT OF THE PLANS. ALL ALIGNMENTS ARE BASELINES.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD (FOR FUTURE REFERENCES), ALL EXISTING PAVEMENT MARKING LINES IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL STRIPING SHALL BE AS DIRECTED BY THE ENGINEER.
- DRAINAGE ADJUSTMENT, CLEANING OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- VERTICAL BARRICADES WILL REMAIN IN PLACE ALONG THE EDGES OF PAVEMENT AS SHOWN IN THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS UNTIL THE SURFACE COURSE AND PROPOSED PAVEMENT MARKING EDGE LINES HAVE BEEN COMPLETED.
- DISPOSAL OF THE SHOULDER CUTTING AND CLEAN SWEEPING OF THE SHOULDERS SHALL BE COMPLETED PRIOR TO THE OPENING OF THE SHOULDERS AND TRAFFIC. DISPOSAL AND SWEEPING SHALL BE INCLUDED IN THE COST OF "SHOULDER RUMBLE STRIPS".
- EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH REVISED TRAFFIC PATTERNS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PAVEMENT MARKING REMOVAL.

IDOT STANDARDS

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
420001-07	PAVEMENT JOINTS
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
421001-02	BAR REINFORCEMENT FOR CRC PAVEMENT
442001-04	CLASS A PATCHES
442201-03	CLASS C AND D PATCHES
515001-03	NAME PLATE FOR BRIDGES
606001-04	COMBINATION CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER
630001-08	STEEL PLATE BEAM GUARDRAIL
631006-07	TRAFFIC BARRIER TERMINAL, TYPE 1B
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
637001-04	CONCRETE BARRIER, DOUBLE FACE, 815mm (32 IN) HEIGHT
637006-02	CONCRETE BARRIER, DOUBLE FACE, 1065mm (42 IN) HEIGHT
642001-01	SHOULDER RUMBLE STRIPS
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
701400-04	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-05	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-06	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701421-02	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY FOR SPEEDS ≥ 45 MPH
701422-02	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
701446-01	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POST FOR SIGNS MARKERS & DELINEATORS
720021-02	SIGN PANEL EXTRUDED ALUMINUM TYPE
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

DISTRICT 1 DETAILS (INCLUDED AS PLAN SHEETS 197-216)

DETAIL	DESCRIPTION
BD600-03 (BD-8)	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD400-04 (BD-22)	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD400-05 (BD-32)	BUTT JOINT AND HMA TAPER DETAILS
BD400-06 (BD-33)	HMA TAPER AT EDGE OF P.C.C. PAVEMENT
BE-600	ELECTRIC CONNECTION TO SIGN STRUCTURE SPAN TYPE
BE-601	ELECTRIC CONNECTION TO SIGN STRUCTURE CANTILEVER TYPE
BM-21	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
TC-8	FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC-9	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE
TC-12	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
TC-17	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES
TC-18	PARTIAL RAMP CLOSURES
TC-25	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
TC-27	TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE SHOULDER LANE
	MILE POST MARKERS-GORE SIGNS-MAJOR GUIDE SIGN LAYOUT-ARROWS

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	THICKNESS	VOIDS
MAINLINE RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	2"	3.5% @ 80 Gyr
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	2"	3.5% @ 80 Gyr
MAINLINE OUTSIDE SHOULDERS AND INSIDE SHOULDERS > 8'		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	1-1/2"	4% @ 70 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N70	2-1/4"	4% @ 70 Gyr
RAMPS AND SHOULDERS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	1 1/2"	4% @ 70 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N70	2-1/4"	4% @ 70 Gyr
PATCHING		
CLASS D PATCHES OF TYPE AND THICKNESS SPECIFIED (HMA BINDER IL-25mm)	10"	4% @ 105 Gyr
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-25mm)	3 1/4", 5 1/2" OR 5 3/4"	4% @ 105 Gyr

UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SMA SURFACE COURSE IS 135 LBS/SQ YD/IN.
UNITS WEIGHT USED TO CALCULATE ALL OTHER HOT-MIX ASPHALT MIXTURES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR " PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS GENERAL NOTES & HMA REQUIREMENTS			F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	DRAWN - TMB	REVISED -						290	(2727, ETC., 3131)RS-7	COOK	216	2
USER NAME = #USER#	CHECKED - JMM	REVISED -			SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
PLLOT DATE = #DATE#	DATE - 1/25/10	REVISED -						CONTRACT NO. 60G53				

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	TRAFFIC SIGNS	SURVEILLANCE	
					90% FED 10% STATE	SN 016-0094 SN 016-0095 90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	
					URBAN	CONSTRUCTION TYPE CODE			
						I000-2A	X271-2A	Y002-1C	Y032-1F
**	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	719	719				
**	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	215	215				
**	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	5	5				
**	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	3	3				
	28000510	INLET FILTERS	EACH	342	342				
**	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,444	1,444				
	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	188	188				
	40600300	AGGREGATE (PRIME COAT)	TON	941	941				
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	353	353				
	40600895	CONSTRUCTING TEST STRIP	EACH	2	2				
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1730	1730				
	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	5531	5531				
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	10,292	10,292				
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	6,861	6,861				
**	40800052	INCIDENTAL HOT-MIX ASPHALT SURFACING (SPECIAL)	TON	497	497				
	42001300	PROTECTIVE COAT	SQ YD	1,348	1,348				
	42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	187	187				
	42100925	PAVEMENT REINFORCEMENT 11 1/4"	SQ YD	187	187				
	44000182	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	19,965	19,965				
	44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	61,715	61,715				
	44000185	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	144,915	144,915				
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3420	3420				
	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	95	95				
	44002213	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 1/4"	SQ YD	1535	1535				
	44002222	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5 1/2"	SQ YD	16,895	16,895				
	44004250	PAVED SHOULDER REMOVAL	SQ YD	60	60				
**	44004260	PAVED SHOULDER REMOVAL (SPECIAL)	SQ YD	2,219	2,219				
	44200581	CLASS A PATCHES, TYPE I, 11 INCH	SQ YD	352	352				
	44200585	CLASS A PATCHES, TYPE II, 11 INCH	SQ YD	278	278				
	44200589	CLASS A PATCHES, TYPE III, 11 INCH	SQ YD	22	22				
	44200571	CLASS A PATCHES, TYPE IV, 11 INCH	SQ YD	696	696				
	44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	175	175				
	44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	8,714	8,714				
	44201768	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	1,930	1,930				
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	7,612	7,612				

Δ NON-PARTICIPATING
 * SPECIALTY ITEMS
 ** FOR LOCATIONS AND EXTENT OF WORK NOT SHOWN IN THE PLANS, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND CONTACT RICK WANNER, ROADSIDE DEVELOPMENT ARCHITECT, IDOT ROADSIDE DEVELOPMENT UNIT AT (847) 705-4172 AT LEAST 72 HOURS PRIOR TO STARTING WORK.

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	TRAFFIC SIGNS	SURVEILLANCE	
					90% FED 10% STATE	SN 016-0084 SN 016-0095	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
					URBAN				
					CONSTRUCTION TYPE CODE				
					I000-2A	X271-2A	Y002-1C	Y032-1F	
	44213000	PATCHING REINFORCEMENT	SQ YD	1,506	1,506				
	44213200	SAW CUTS	FOOT	1,099	1,099				
	48300100	PORTLAND CEMENT CONCRETE SHOULDERS 6"	SQ YD	60	60				
	50102400	CONCRETE REMOVAL	CU YD	47.0		47.0			
	50157300	PROTECTIVE SHIELD	SQ YD	191		191			
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	47.0		47.0			
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4,860		4,860			
	50800515	BAR SPLICERS	EACH	44		44			
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	288.0		288.0			
Δ	55039700	STORM SEWERS TO BE CLEANED	FOOT	1,560	1,560				
	58700300	CONCRETE SEALER	SQ FT	50,652		50,652			
	60300205	FRAMES AND GRATES TO BE ADJUSTED (SPECIAL)	EACH	142.5	142.5				
	60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	142.5	142.5				
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3,420	3,420				
*	63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6' ^{FOOT} POSTS	FOOT	250	250				
*	63000005	STEEL PLATE BEAM GUARD RAIL, TYPE B	FOOT	25	25				
*	63100041	TRAFFIC BARRIER TERMINAL, TYPE 1B	EACH	1	1				
*	63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1	1				
	63200305	STEEL PLATE BEAM GUARDRAIL REMOVAL	FOOT	25	25				
	64200105	SHOULDER RUMBLE STRIP	FOOT	65,713	65,713				
	67100100	MOBILIZATION	L SUM	1	1				
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	31	31				
	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3,867	3,867				
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	2,400	2,400				
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2,749	2,749				
*	72000105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	62			62		
*	72000205	SIGN PANEL - TYPE 2 (SPECIAL)	SQ FT	935			935		
*	72000305	SIGN PANEL - TYPE 3 (SPECIAL)	SQ FT	5,295			5,295		
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	6			6		
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	288			288		
*	73000105	WOOD SIGN SUPPORT, SPECIAL	FOOT	486			486		
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	391	391				
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	42,267	42,267				
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	542	542				
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	25,246	25,246				

Δ NON-PARTICIPATING
 • SPECIALTY ITEMS
 ** FOR LOCATIONS AND EXTENT OF WORK NOT SHOWN IN THE PLANS, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND CONTACT RICK WANNER, ROADSIDE DEVELOPMENT ARCHITECT, IDOT ROADSIDE DEVELOPMENT UNIT AT (847) 705-4172 AT LEAST 72 HOURS PRIOR TO STARTING WORK.

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	TRAFFIC SIGNS	SURVEILLANCE	
					90% FED 10% STATE	SN 016-0084 SN 016-0085	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
					URBAN	CONSTRUCTION TYPE CODE			
					I000-2A	X271-2A	Y002-1C	Y032-1F	
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	10,274	10,274				
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	158	158				
*	78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	1,019	1,019				
*	78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	19,016	19,016				
*	78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	470	470				
*	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	654	654				
*	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	158,356	158,356				
*	78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	90,000	90,000				
*	78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	44,686	44,686				
*	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	37	37				
*	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	25,377	25,377				
*	78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	3,001	3,001				
*	78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	1,622	1,622				
*	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	747	747				
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	3,110	3,110				
*	78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	73	73				
*	78200410	GUARDRAIL MARKERS, TYPE A	EACH	1	1				
*	78200450	MONODIRECTIONAL GUARD RAIL REFLECTORS	EACH	174	174				
*	78200530	BARRIER WALL MARKERS, TYPE C	EACH	192	192				
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	19,481	19,481				
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	3,110	3,110				
*	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	100				100	
*	84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	29			29		
	Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	33.9		33.9			
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
	Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	10.0		10.0			
	Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	28.3		28.3			
	Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	145.0		145.0			
A	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	342	342				
	Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	9	9				
	Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2				
	Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2				
	Z0048865	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1				
**	Z0064800	SELECTIVE CLEARING	UNIT	696	696				
	Z0075310	TRE BARS 3/4"	EACH	185	185				

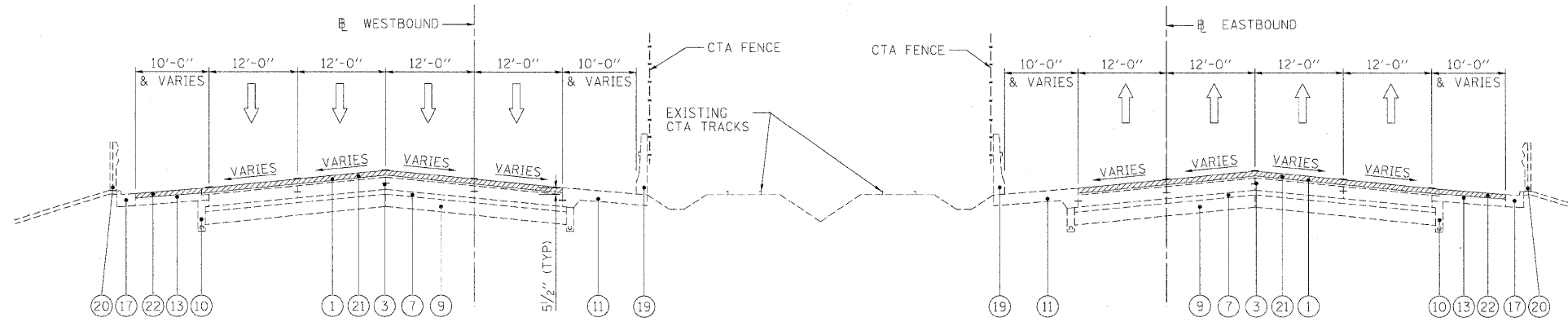
Δ NON-PARTICIPATING
 * SPECIALTY ITEMS
 ** FOR LOCATIONS AND EXTENT OF WORK NOT SHOWN IN THE PLANS, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND CONTACT RICK WANNER, ROADSIDE DEVELOPMENT ARCHITECT, IDOT ROADSIDE DEVELOPMENT UNIT AT (847) 705-4172 AT LEAST 72 HOURS PRIOR TO STARTING WORK.

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	TRAFFIC SIGNS	SURVEILLANCE	
					90% FED 10% STATE	SN 016-0094 SN 016-0095	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
					URBAN	CONSTRUCTION TYPE CODE			
					1000-2A	X271-2A	Y002-1C	Y032-1F	
	Z0076600	TRAINEES	HOUR	1,000	1,000				
*	A2002614	TREE, CARYA CORDIFORMIS (BITTERNUT HICKORY), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	12	12				
*	A2002914	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	15	15				
*	A2005014	TREE, GYMNOCLADUS Dioicus (KENTUCKY COFFEETREE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	26	26				
*	A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	17	17				
*	A2012122	TREE, AESCULUS AUTUMN SPLENDOR (AUTUMN SPLENDOR BUCKEYE), 1-3/4" CALIPER, BALLED AND BURLAPPED, MATCHING HEADS	EACH	15	15				
*	B2001664	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	17	17				
*	B2006116	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	15	15				
*	K0036120	MULCH PLACEMENT 4"	SQ YD	3,412	3,412				
Δ**	K1003660	MOWING CYCLES	EACH	2	2				
Δ**	X0005656	INLET FILTER CLEANING	EACH	342	342				
**	XZ186500	ASPHALTIC EMULSION SLURRY SEAL	SQ YD	22,127	22,127				
**	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	94	94				
**	X0322729	MATERIAL TRANSFER DEVICE	TON	35,794	35,794				
**	X0322856	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	3	3				
**	X0322859	WEED CONTROL, PRE-EMERGENT GRADULAR HERBICIDE	POUND	174	174				
**	X0324685	TEST STRIP (STONE MATRIX ASPHALT)	EACH	2	2				
Δ	X0325095	MAIN DRAIN CLEANING	FOOT	13,601	13,601				
**	X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	9	9				
**	X0325223	FIBER ASPHALT	POUND	534	534				
**	X0325303	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	160	160				
**	X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	70	70				
**	X0325702	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1				
**	X0325775	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	83,725	83,725				
**	X0325840	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 12 INCH	FOOT	3,550	3,550				
**	X0325842	WET REFLECTIVE TEMPORARY TAPE, TYPE III, LETTERS AND SYMBOLS	SQ FT	145	145				
**	44-000700	APPROACH SLAB REMOVAL	SQ YD	187	187				
**	X0325876	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 8 INCH	FOOT	37,578	37,578				
**	X0325921	PLANT CARE	SQ YD	4,347	4,347				
**	X0326107	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH	FOOT	23,799	23,799				
**	X0326701	WEED CONTROL, BROADLEAF IN TURF	POUND	1	1				
Δ	X0326785	CLEANING AND PAINTING EXPOSED REBAR (SPECIAL)	SQ FT	192		192			
Δ	X0326766	CLEAN & RESEAL RELIEF JOINT	FOOT	168.0		168.0			
**	X0326787	PROFILE DIAMOND GRINDING CONCRETE PAVEMENT	SQ YD	69,625	69,625				
*	X0326768	CONDUIT IN TRENCH, HIGH DENSITY POLYETHYLENE, COILABLE	FOOT	100					100

○ Y080
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Δ NON-PARTICIPATING
 * SPECIALTY ITEMS
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SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
					ROADWAY 90% FED 10% STATE	BRIDGE SN 016-0094 SN 016-0095 90% FED 10% STATE	TRAFFIC SIGNS 90% FED 10% STATE	SURVEILLANCE 90% FED 10% STATE
					URBAN			
	X0326818	CONCRETE BARRIER REMOVAL AND REPLACEMENT SINGLE FACE	FOOT	110				
	X0326819	CONCRETE BARRIER REMOVAL AND REPLACEMENT DOUBLE FACE	FOOT	60	60			
*	X0326838	REMOVE SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	26			26	
*	X0326839	REMOVE SIGN PANEL - TYPE 2 (SPECIAL)	SQ FT	488			488	
*	X0326840	REMOVE SIGN PANEL - TYPE 3 (SPECIAL)	SQ FT	4,924			4,924	
*	X0326841	REMOVE SIGN PANEL ASSEMBLY - TYPE B (SPECIAL)	EACH	31			31	
*	X0326842	MILE POST MARKER ASSEMBLY (SPECIAL)	EACH	16			16	
**	X0326843	STAINING EXISTING COLORED CONCRETE SURFACES	SQ FT	1,508	1,508			
	X0326850	MAIN DRAIN JOINT REPAIR	FOOT	125	125			
**	X2010300	TREE REMOVAL (UNDER 6 UNITS DIAMETER)	UNIT	63	63			
	40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	19,563	19,563			
	40603148	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	TON	16,230	16,230			
	X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1			
	X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	86	86			
*	X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	5,100				5,100
*	X8850102	INDUCTION LOOP	FOOT	2,719				2,719



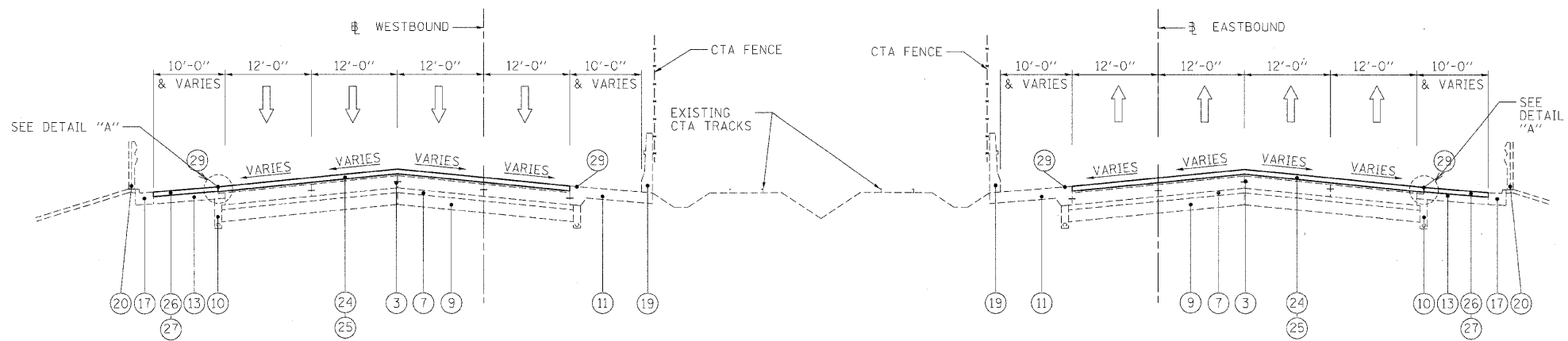
WESTBOUND
 STA. 872+00 TO STA. 887+38 (SEE NOTE 1.)
 STA. 892+26 TO STA. 905+00 (SEE NOTE 1.)
 STA. 905+00 TO STA. 924+50
 STA. 935+00 TO STA. 952+30
 STA. 1029+30 TO STA. 1045+60
 STA. 1058+90 TO STA. 1072+00

I-290 EXISTING TYPICAL SECTION

EASTBOUND
 STA. 872+00 TO STA. 887+48 (SEE NOTE 1.)
 STA. 892+38 TO STA. 905+00 (SEE NOTE 1.)
 STA. 905+00 TO STA. 924+50
 STA. 935+00 TO STA. 952+30
 STA. 1029+30 TO STA. 1045+70
 STA. 1059+00 TO STA. 1072+00

LEGEND

- ① EXISTING HMA OVERLAY, VARIES (SEE NOTE 5)
- ② EXISTING C.R.C. PAVEMENT, 12"
- ③ EXISTING P.C.C. PAVEMENT, 10"
- ④ EXISTING C.R.C. PAVEMENT, 9"
- ⑤ EXISTING C.R.C. PAVEMENT
- ⑥ EXISTING P.C.C. BASE COURSE
- ⑦ EXISTING STABILIZED SUB-BASE, 4"
- ⑧ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A
- ⑨ EXISTING PGE WRAPPED IN FABRIC (VARIOUS LOCATIONS)
- ⑩ EXISTING PIPE UNDERDRAIN
- ⑪ EXISTING P.C.C. SHOULDER
- ⑫ EXISTING STABILIZED MEDIAN SURFACE
- ⑬ EXISTING BITUMINOUS SHOULDER
- ⑭ EXISTING AGGREGATE SHOULDER
- ⑮ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑯ EXISTING COMB. CONC. CURB & GUTTER, TYPE M-2.12
- ⑰ EXISTING COMB. CONC. CURB & GUTTER, TYPE M-6.24
- ⑱ EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ⑲ EXISTING P.C.C. BARRIER WALL
- ⑳ EXISTING STEEL PLATE BEAM GUARDRAIL
- ㉑ HOT-MIX ASPHALT SURFACE REMOVAL 4"
- ㉒ HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"
- ㉓ HOT-MIX ASPHALT SURFACE REMOVAL 3 1/4"
- ㉔ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- ㉕ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- ㉖ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ㉗ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- ㉘ NOT USED
- ㉙ PROPOSED SHOULDER RUMBLE STRIP (STD. 642001-01)
- ㉚ PROFILE DIAMOND GRINDING OF CONCRETE PAVEMENT



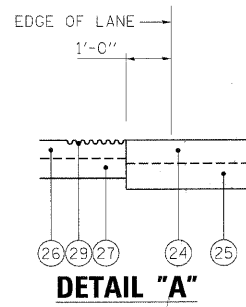
WESTBOUND
 STA. 872+00 TO STA. 905+00 (SEE NOTE 1.)
 STA. 905+00 TO STA. 924+50
 STA. 935+00 TO STA. 952+30
 STA. 1029+30 TO STA. 1045+60
 STA. 1058+90 TO STA. 1072+00

I-290 PROPOSED TYPICAL SECTION

EASTBOUND
 STA. 872+00 TO STA. 905+00 (SEE NOTE 1.)
 STA. 905+00 TO STA. 924+50
 STA. 935+00 TO STA. 952+30
 STA. 1029+30 TO STA. 1045+70
 STA. 1059+00 TO STA. 1072+00

NOTES:

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2. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.
3. THE EXISTING HMA IN THE FLAG OF THE CURB AND GUTTER SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST. THESE COSTS SHALL BE INCLUDED IN THE UNIT PRICES FOR THE VARIOUS MILLING AND RESURFACING OPERATIONS MEASURED TO THE EDGE OF THE SHOULDER.
4. THE COST OF HAND REMOVAL OF HMA SURFACE AROUND CASTINGS SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL OF THE THICKNESS SPECIFIED.
5. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.



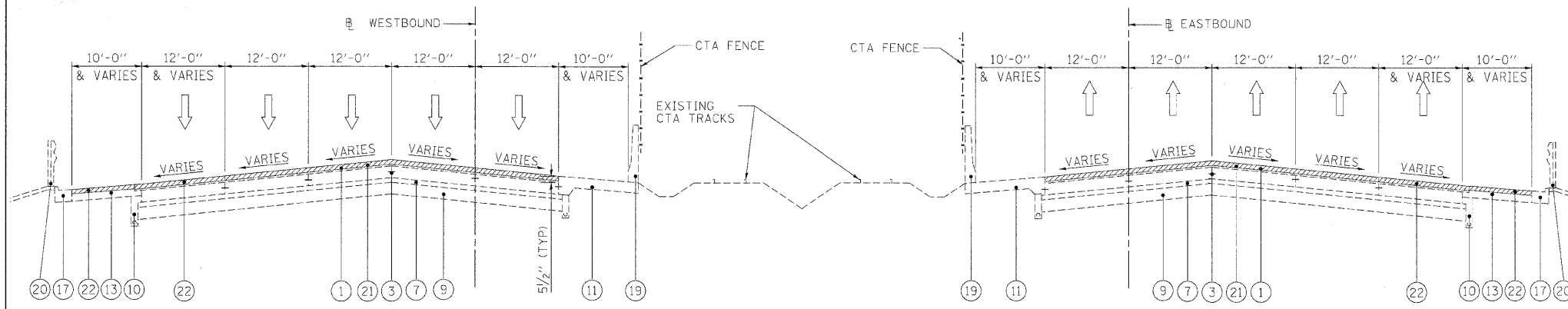
FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = jmojewski	DRAWN - DMS	REVISED -			290	(2727, ETC., 313)RS-7	COOK	216	8			
PLT DATE = 1/25/2010	CHECKED - CAR	REVISED -			CONTRACT NO. 60653							
DATE = 1/25/10	DATE = 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 1 OF 5 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

LEGEND

- ① EXISTING HMA OVERLAY, VARIES (SEE NOTE 5)
- ② EXISTING C.R.C. PAVEMENT, 12"
- ③ EXISTING P.C.C. PAVEMENT, 10"
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- ⑲ EXISTING P.C.C. BARRIER WALL
- ⑳ EXISTING STEEL PLATE BEAM GUARDRAIL
- ㉑ HOT-MIX ASPHALT SURFACE REMOVAL 4"
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- ㉕ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
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- ㉗ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- ㉘ NOT USED
- ㉙ PROPOSED SHOULDER RUMBLE STRIP (STD. 642001-01)
- ㉚ PROFILE DIAMOND GRINDING OF CONCRETE PAVEMENT

NOTES:

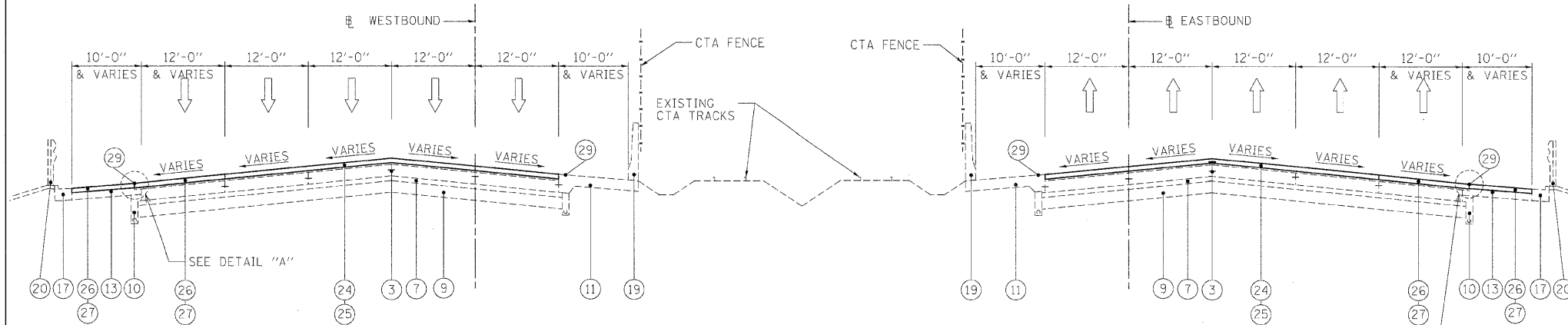
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WESTBOUND
 STA. 924+50 TO STA. 935+00
 STA. 1045+60 TO STA. 1058+90

EASTBOUND
 STA. 924+50 TO STA. 935+00
 STA. 1045+70 TO STA. 1059+00

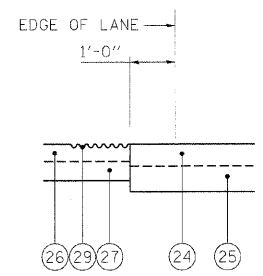
I-290 EXISTING TYPICAL SECTION



WESTBOUND
 STA. 924+50 TO STA. 935+00
 STA. 1045+60 TO STA. 1058+90

EASTBOUND
 STA. 924+50 TO STA. 935+00
 STA. 1045+70 TO STA. 1059+00

I-290 PROPOSED TYPICAL SECTION



DETAIL "A"

FILE NAME =	DESIGNED - CAG	REVISED -
...\\prip\in_abc\C3.290.mil.typ.02.dgn	DRAWN - DMS	REVISED -
USER NAME = jmajewski	CHECKED - CAR	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

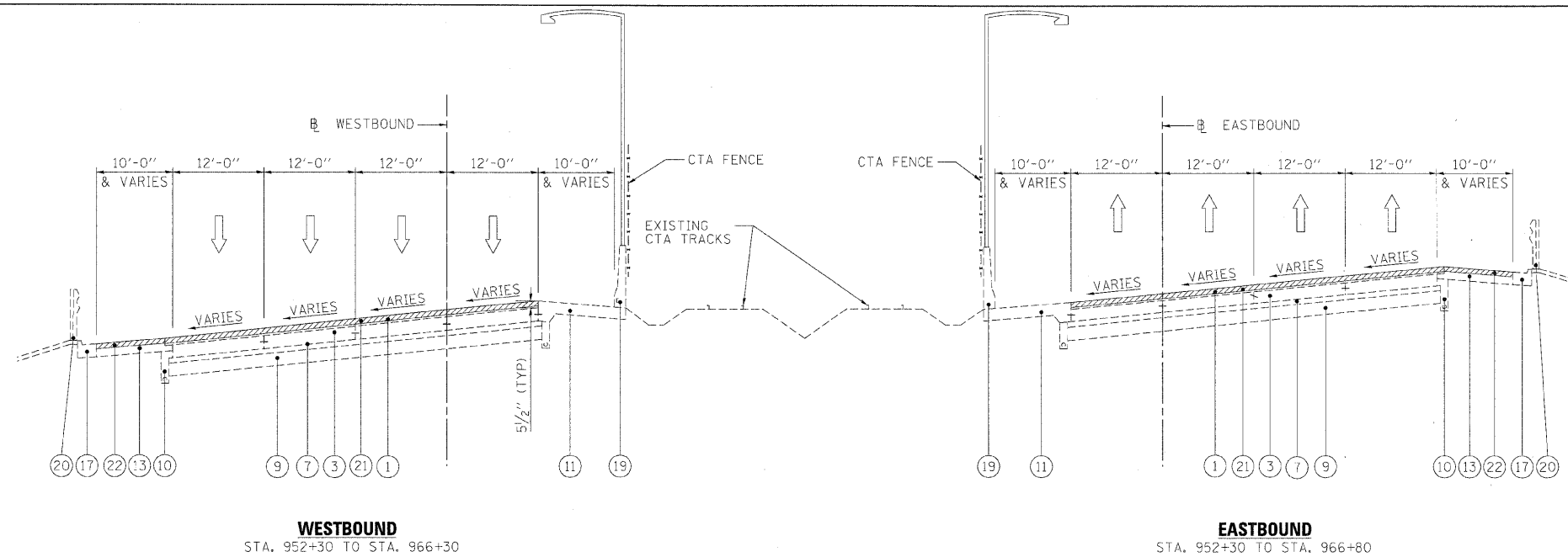
benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 2 OF 5 SHEETS STA. TO STA.

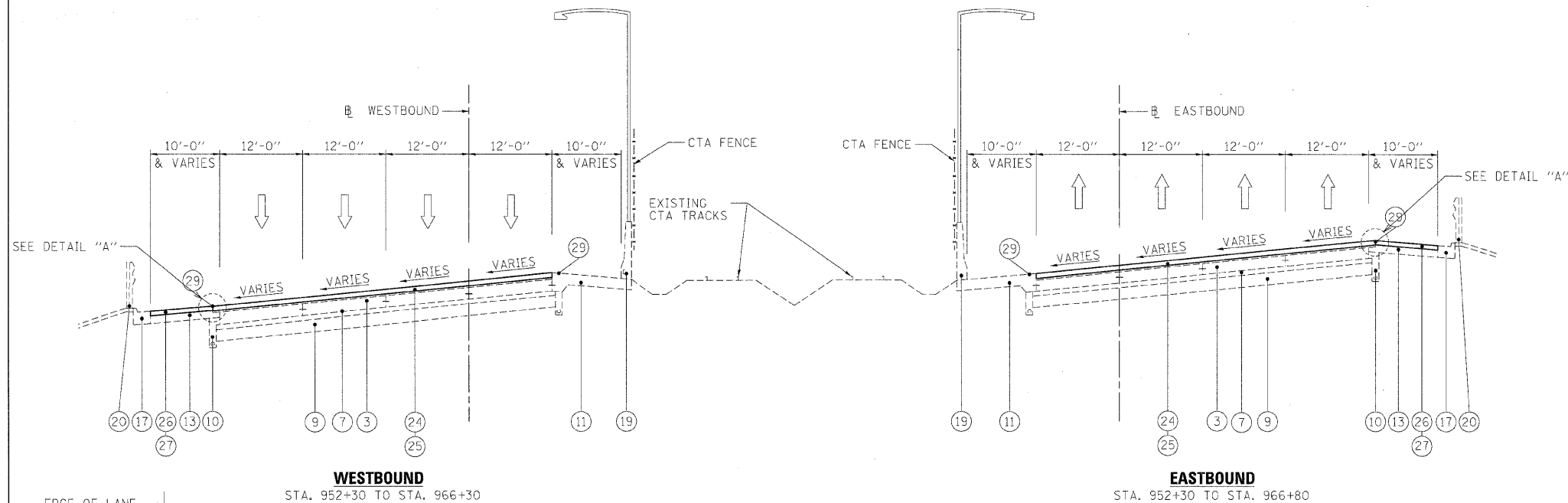
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	9
CONTRACT NO. 60G53				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



I-290 EXISTING TYPICAL SECTION

LEGEND

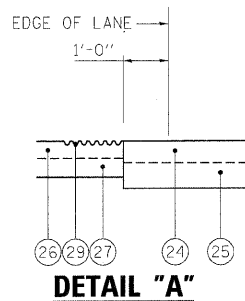
- ① EXISTING HMA OVERLAY, VARIES (SEE NOTE 5)
- ② EXISTING C.R.C. PAVEMENT, 12"
- ③ EXISTING P.C.C. PAVEMENT, 10"
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- ㉖ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ㉗ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- ㉘ NOT USED
- ㉙ PROPOSED SHOULDER RUMBLE STRIP (STD. 642001-01)
- ㉚ PROFILE DIAMOND GRINDING OF CONCRETE PAVEMENT



I-290 PROPOSED TYPICAL SECTION

NOTES:

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5. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.



DETAIL "A"

FILE NAME =	DESIGNED - CAG	REVISED -
...\\prp\In_ABC_C3_290_ml_tyo_03.dgn	DRAWN - DMS	REVISED -
USER NAME = jmajewski	CHECKED - CAR	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 3 OF 5 SHEETS STA. TO STA.

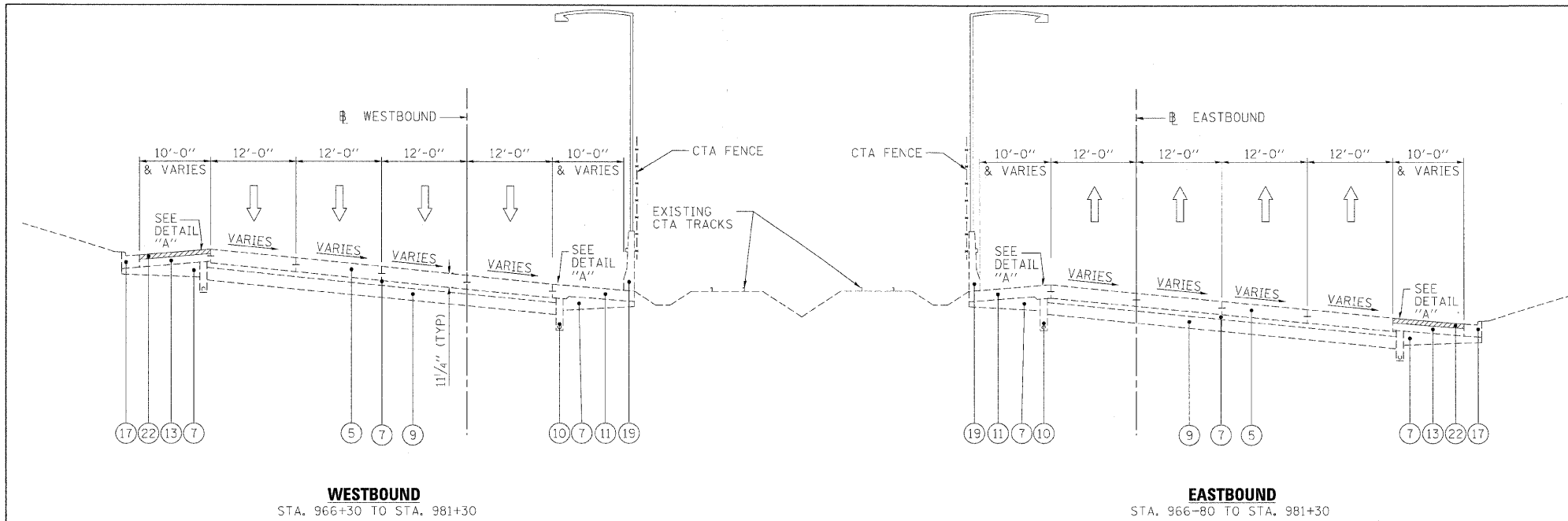
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	10
CONTRACT NO. 60653				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LEGEND

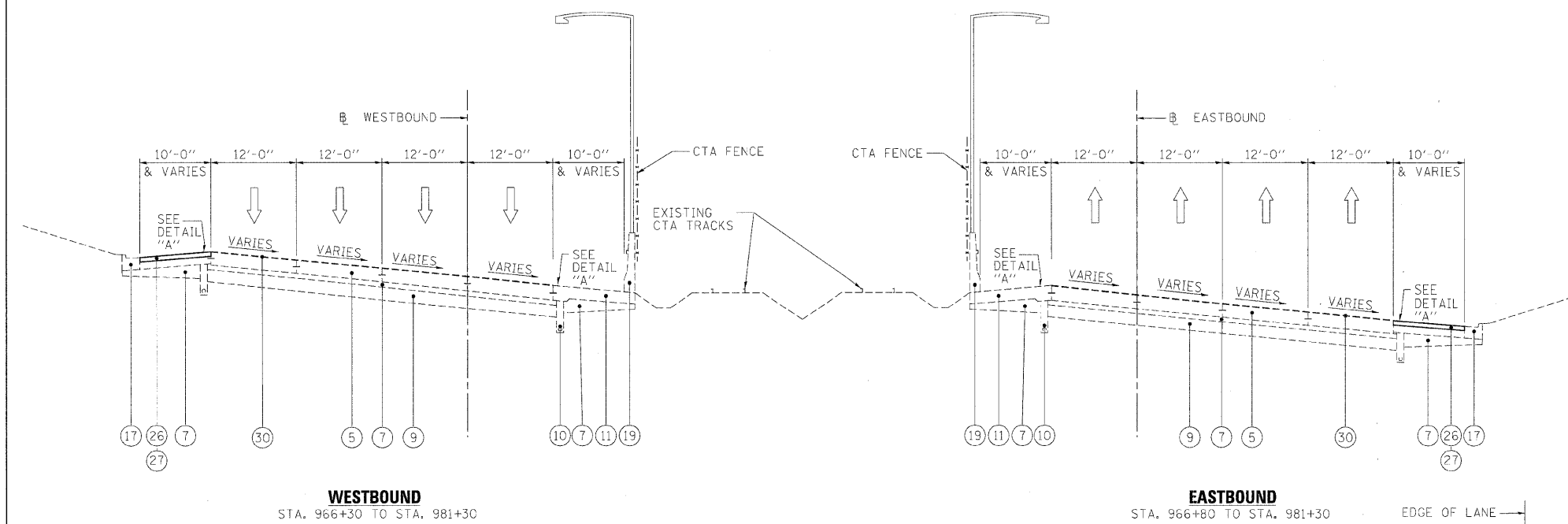
- ① EXISTING HMA OVERLAY, VARIES (SEE NOTE 5)
- ② EXISTING C.R.C. PAVEMENT, 12"
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- ⑮ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑯ EXISTING COMB. CONC. CURB & GUTTER, TYPE M-2.12
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- ㉑ HOT-MIX ASPHALT SURFACE REMOVAL 4"
- ㉒ HOT-MIX ASPHALT SURFACE REMOVAL 3¾"
- ㉓ HOT-MIX ASPHALT SURFACE REMOVAL 3¼"
- ㉔ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- ㉕ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- ㉖ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
- ㉗ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2¼"
- ㉘ NOT USED
- ㉙ PROPOSED SHOULDER RUMBLE STRIP (STD. 642001-01)
- ㉚ PROFILE DIAMOND GRINDING OF CONCRETE PAVEMENT

NOTES:

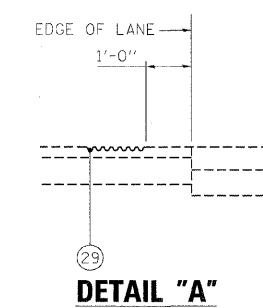
1. CTA TRACKS ARE UNDERGROUND
2. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.
3. THE EXISTING HMA IN THE FLAG OF THE CURB AND GUTTER SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST. THESE COSTS SHALL BE INCLUDED IN THE UNIT PRICES FOR THE VARIOUS MILLING AND RESURFACING OPERATIONS MEASURED TO THE EDGE OF THE SHOULDER.
4. THE COST OF HAND REMOVAL OF HMA SURFACE AROUND CASTINGS SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL OF THE THICKNESS SPECIFIED.
5. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.



I-290 EXISTING TYPICAL SECTION



I-290 PROPOSED TYPICAL SECTION



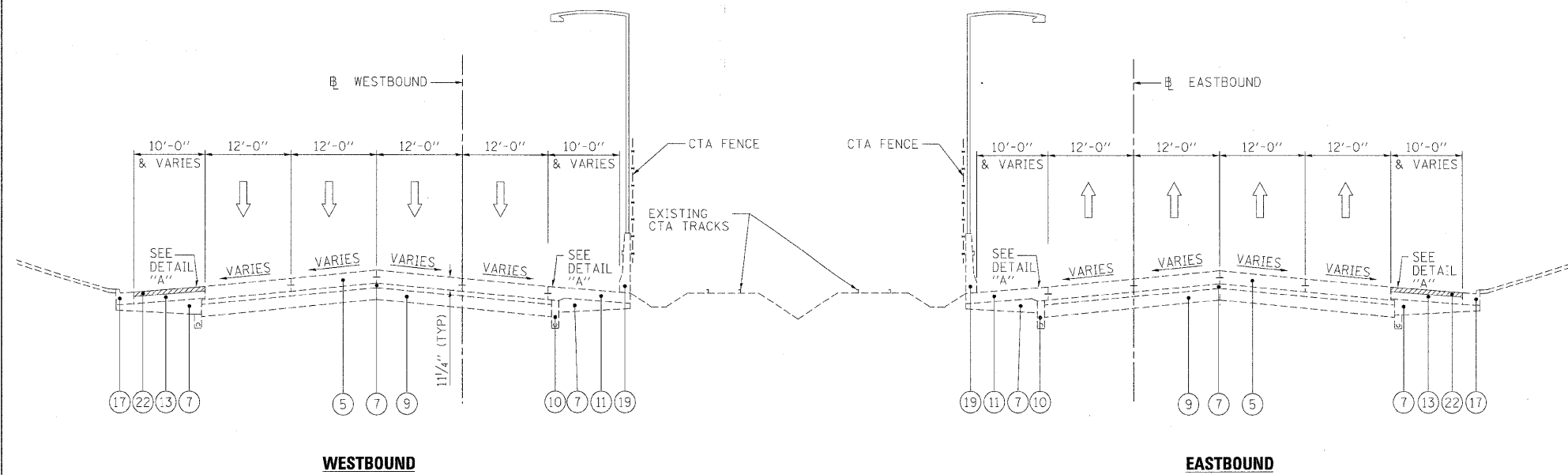
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

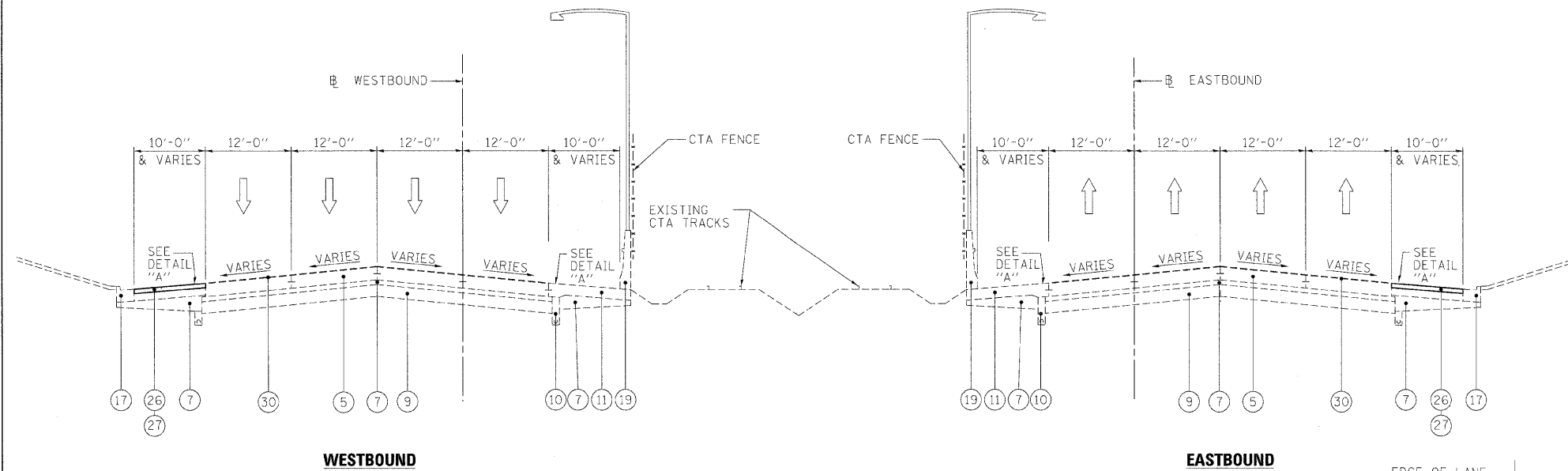
TYPICAL SECTIONS	
SCALE: N.T.S.	SHEET NO. 4 OF 5 SHEETS
STA. _____	TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	11
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60653	



I-290 EXISTING TYPICAL SECTION

STA. 981+30 TO STA. 1029+30



I-290 PROPOSED TYPICAL SECTION

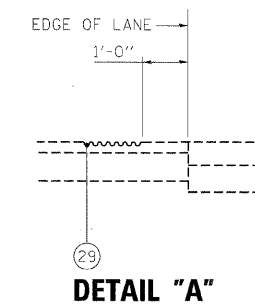
STA. 981+30 TO STA. 1029+30

LEGEND

- ① EXISTING HMA OVERLAY, VARIES (SEE NOTE 5)
- ② EXISTING C.R.C. PAVEMENT, 12"
- ③ EXISTING P.C.C. PAVEMENT, 10"
- ④ EXISTING C.R.C. PAVEMENT, 9"
- ⑤ EXISTING C.R.C. PAVEMENT
- ⑥ EXISTING P.C.C. BASE COURSE
- ⑦ EXISTING STABILIZED SUB-BASE, 4"
- ⑧ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A
- ⑨ EXISTING PGE WRAPPED IN FABRIC (VARIOUS LOCATIONS)
- ⑩ EXISTING PIPE UNDERDRAIN
- ⑪ EXISTING P.C.C. SHOULDER
- ⑫ EXISTING STABILIZED MEDIAN SURFACE
- ⑬ EXISTING BITUMINOUS SHOULDER
- ⑭ EXISTING AGGREGATE SHOULDER
- ⑮ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑯ EXISTING COMB. CONC. CURB & GUTTER, TYPE M-2.12
- ⑰ EXISTING COMB. CONC. CURB & GUTTER, TYPE M-6.24
- ⑱ EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ⑲ EXISTING P.C.C. BARRIER WALL
- ⑳ EXISTING STEEL PLATE BEAM GUARDRAIL
- ㉑ HOT-MIX ASPHALT SURFACE REMOVAL 4"
- ㉒ HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"
- ㉓ HOT-MIX ASPHALT SURFACE REMOVAL 3 1/4"
- ㉔ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- ㉕ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- ㉖ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ㉗ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- ㉘ NOT USED
- ㉙ PROPOSED SHOULDER RUMBLE STRIP (STD. 642001-01)
- ㉚ PROFILE DIAMOND GRINDING OF CONCRETE PAVEMENT

NOTES:

- 1. CTA TRACKS ARE UNDERGROUND
- 2. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.
- 3. THE EXISTING HMA IN THE FLAG OF THE CURB AND GUTTER SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST. THESE COSTS SHALL BE INCLUDED IN THE UNIT PRICES FOR THE VARIOUS MILLING AND RESURFACING OPERATIONS MEASURED TO THE EDGE OF THE SHOULDER.
- 4. THE COST OF HAND REMOVAL OF HMA SURFACE AROUND CASTINGS SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL OF THE THICKNESS SPECIFIED.
- 5. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.



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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	12
CONTRACT NO. 60653				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CONTRACT 60G53
RESURFACING SCHEDULE

LOCATION					POLYMERIZED HMA SURFACE COURSE, SMA, N80	POLYMERIZED HMA BINDER COURSE, SMA, N80	HMA SURFACE COURSE, MIX D, N70	HMA BINDER COURSE, IL-19.0, N70	HMA SURFACE REMOVAL, 3-1/4"	HMA SURFACE REMOVAL, 3-3/4"	HMA SURFACE REMOVAL, 4"	PROFILE DIAMOND GRINDING CONCRETE PAVEMENT
ALIGNMENT	DIRECTION	DESCRIPTION	STATION	STATION	(TON)	(TON)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
290	EB	MAINLINE	872+00	887+48	1,209	1,003					8,953	
290	EB	OUTSIDE SHLDR	872+00	876+67			44	66		524		
290	WB	MAINLINE	872+00	887+38	1,252	1,039					9,274	
290	WB	OUTSIDE SHLDR	872+00	875+54			36	54		432		
290	WB	RAMP/AUXLLARY	875+54	884+26			138	207		1,641		
290	EB	RAMP/AUXLLARY	876+67	880+48			80	120		952		
290	EB	OUTSIDE SHLDR	880+48	887+48			62	93		737		
290	EB	RAMP	880+48	889+14			206	309	2,452			
290	WB	RAMP	884+25	889+56			91	137	1,085			
290	WB	OUTSIDE SHLDR	884+26	887+38			37	56		443		
290	EB	RAMP	890+37	899+05			197	296	2,349			
290	WB	MAINLINE	892+26	906+71	1,053	874					7,802	
290	WB	OUTSIDE SHLDR	892+26	899+87			76	114		904		
290	EB	MAINLINE	892+38	903+51	811	673					6,005	
290	EB	OUTSIDE SHLDR	892+38	899+05			68	102		809		
290	WB	RAMP	894+54	899+87			76	114	906			
290	EB	RAMP/AUXLLARY	899+05	907+19			177	266		2,111		
290	WB	RAMP/AUXLLARY	899+87	907+86			192	288		2,286		
290	EB	MAINLINE	903+51	916+05	921	764					6,820	
290	WB	MAINLINE	906+71	966+30	4,359	3,617					32,291	
290	EB	OUTSIDE SHLDR	907+19	924+52			193	290		2,303		
290	WB	OUTSIDE SHLDR	907+86	925+27			215	322		2,557		
290	EB	MAINLINE	916+05	966+80	3,719	3,086					27,550	
290	WB	RAMP	921+40	925+27			69	104	827			
290	EB	RAMP	921+71	924+52			47	71	561			
290	EB	RAMP/AUXLLARY	924+52	935+03			235	353		2,803		
290	WB	RAMP/AUXLLARY	927+27	934+55			205	308		2,443		
290	WB	OUTSIDE SHLDR	934+55	966+30			390	585		4,639		
290	WB	RAMP	934+55	937+83			52	78	616			
290	EB	OUTSIDE SHLDR	935+03	966+80			300	450		3,574		
290	EB	RAMP	935+03	938+56			60	90	713			
290	WB	OUTSIDE SHLDR	966+30	978+50			163	244		1,937		
290	EB	OUTSIDE SHLDR	966+80	976+98			111	167		1,325		
290	EB	RAMP	971+16	977+38			154	231	1,832			
290	WB	RAMP	974+21	978+50			91	137	1,084			
290	EB	RAMP/AUXLLARY	976+98	980+34			47	71		560		
290	WB	RAMP/AUXLLARY	978+50	981+40			95	142		1,129		
290	EB	OUTSIDE SHLDR	980+34	1001+84			210	315		2,499		
290	WB	OUTSIDE SHLDR	981+40	1003+70			256	384		3,045		
290	EB	RAMP/AUXLLARY	1001+84	1003+78			58	88		696		
290	WB	RAMP/AUXLLARY	1003+70	1004+36			26	39		307		
290	EB	OUTSIDE SHLDR	1003+78	1019+88			182	273		2,164		
290	EB	RAMP	1003+78	1008+26			72	108	859			
290	WB	OUTSIDE SHLDR	1004+36	1019+81			188	282		2,238		
290	WB	RAMP	1004+36	1007+42			46	69	547			
290	EB	RAMP	1016+14	1019+88			56	84	667			
290	WB	RAMP	1016+26	1019+81			53	80	637			
290	WB	RAMP/AUXLLARY	1019+81	1021+12			34	52		410		
290	EB	RAMP/AUXLLARY	1019+88	1021+36			33	49		392		
290	WB	OUTSIDE SHLDR	1021+12	1029+30			91	136		1,079		
290	EB	OUTSIDE SHLDR	1022+73	1029+30			58	87		693		
290	EB	MAINLINE	1029+30	1058+47	2,129	1,766					15,770	
290	EB	OUTSIDE SHLDR	1029+30	1047+40			191	287		2,275		
290	WB	MAINLINE	1029+30	1059+29	2,182	1,811					16,166	
290	WB	OUTSIDE SHLDR	1029+30	1045+67			201	302		2,397		
290	WB	RAMP	1040+53	1045+67			76	113	899			
290	EB	RAMP	1042+30	1047+40			78	116	925			
290	WB	RAMP/AUXLLARY	1045+67	1048+08			73	109		866		
290	EB	RAMP/AUXLLARY	1047+40	1049+08			41	61		487		
290	WB	OUTSIDE SHLDR	1048+08	1056+93			150	226		1,791		
290	EB	OUTSIDE SHLDR	1049+08	1056+65			134	202		1,600		
290	EB	RAMP/AUXLLARY	1056+65	1058+43			64	95		758		
290	WB	RAMP/AUXLLARY	1056+93	1058+87			48	72		574		
290	EB	OUTSIDE SHLDR	1058+43	1072+00			142	214		1,696		
290	EB	RAMP	1058+43	1063+97			170	255	2,023			
290	EB	MAINLINE	1058+47	1072+00	935	824					7,358	
290	WB	OUTSIDE SHLDR	1058+87	1072+00			138	206		1,638		
290	WB	RAMP	1058+87	1064+33			83	124	983			
290	WB	MAINLINE	1059+29	1072+00	993	775					6,926	
290	WB	MAINLINE	966+25	1029+34								34,940
290	EB	MAINLINE	966+30	1029+30								34,686
TOTAL					19,563	16,230	6,861	10,292	19,965	61,715	144,915	69,625

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PLOT DATE = 1/25/2010	DATE -	1/25/10	REVISED -	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	13
CONTRACT NO. 60G53				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CONTRACT 60G53
RUMBLE STRIP SCHEDULE

I-290 WESTBOUND - INSIDE SHOULDER			
STATION TO STATION		RUMBLE STRIP LENGTH	SHOULDER SURFACE TYPE
START	END	(FOOT)	
879+05	887+49	836	CONCRETE
892+36	107200	17,981	CONCRETE
TOTAL		18,817	

CONTRACT 60G53
RUMBLE STRIP SCHEDULE

I-290 WESTBOUND - OUTSIDE SHOULDER			
STATION TO STATION		RUMBLE STRIP LENGTH	SHOULDER SURFACE TYPE
START	END	(FOOT)	
872+00	875+43	343	HMA
884+38	887+49	311	HMA
892+36	899+86	766	HMA
907+85	925+30	1,746	HMA
934+54	978+48	4,397	HMA
984+91	996+29	1,138	HMA
1004+31	1019+77	1,546	HMA
1023+19	1045+74	2,241	HMA
1059+00	107200	1,317	HMA
TOTAL		13,805	

CONTRACT 60G53
RUMBLE STRIP SCHEDULE

I-290 EASTBOUND - INSIDE SHOULDER			
STATION TO STATION		RUMBLE STRIP LENGTH	SHOULDER SURFACE TYPE
START	END	(FOOT)	
876+91	887+48	1,054	CONCRETE
892+38	1072+00	17,966	CONCRETE
TOTAL		19,020	

CONTRACT 60G53
RUMBLE STRIP SCHEDULE

I-290 EASTBOUND - OUTSIDE SHOULDER			
STATION TO STATION		RUMBLE STRIP LENGTH	SHOULDER SURFACE TYPE
START	END	(FOOT)	
872+00	876+67	467	HMA
880+48	887+48	703	HMA
892+38	899+05	663	HMA
907+19	924+54	1,735	HMA
935+03	976+97	4,199	HMA
985+87	998+61	1,274	HMA
1003+78	1019+88	1,610	HMA
1026+79	1047+40	2,066	HMA
1058+43	1072+00	1,354	HMA
TOTAL		14,071	

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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	14
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	

CONTRACT 60G53
BARRIER, GUARD RAIL, & CURB SCHEDULE

LOCATION				STEEL PLATE BEAM GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	STEEL PLATE BEAM GUARDRAIL, TYPE B	TRAFFIC BARRIER TERMINAL, TYPE 5	TRAFFIC BARRIER TERMINAL, TYPE 1B	CONCRETE BARRIER REMOVAL AND REPLACEMENT, SINGLE FACE	CONCRETE BARRIER REMOVAL AND REPLACEMENT, DOUBLE FACE	COMBINATION CURB AND GUTTER REMOVAL	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
ALIGNMENT	DIRECTION	SIDE	STARTING STATION	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
Central Ramp	EB	L									1,630		1,630
Central Ramp	EB	R									1,630		1,630
290 Exit Ramp to Central	EB	R	Attach to edge of existing barrier wall		250		1	1					
290 RAMP	WB	L	947+90								100	10	100
290 RAMP	WB	L	939+50									5	
290 RAMP	WB	R	977+00									10	
290 RAMP	WB	R	977+70									10	
290 RAMP	WB	R	1041+90									10	
290 RAMP	WB	L	1062+50									10	
290 RAMP	WB	R	1062+50							30			30
290 RAMP	WB	R	1062+80							30			30
290 RAMP	WB	R	1063+00									10	
290	WB	L	898+95									10	
290	WB	L	910+00									10	
290 RAMP	WB	R	924+50									5	
290	WB	L	941+20									5	
290	WB	L	947+00									5	
290	WB	L	969+20									5	
290 RAMP	WB	R	1006+50	25		25							
290	WB	R	920+80						15				
290	WB	R	931+40						10				
290	WB	R	963+50						10				
290	WB	R	971+70						10				
290	EB	L	971+70							50			
290	WB	R	978+50						5				
290	WB	L	1004+50							10			
290	WB	R	1043+00						20				
290	WB	R	1071+50						40				
TOTAL				25	250	25	1	1	110	60	3,420	95	3,420

CONTRACT 60G53
TEMPORARY PAVEMENT MARKING AND TEMPORARY IMPACT ATTENUATOR SCHEDULE

STAGE	TEMPORARY PAVEMENT MARKING - LINE 6"	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 8 INCH	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 12 INCH	WET REFLECTIVE TEMPORARY TAPE, TYPE III, LETTERS & SYMBOLS	PAVEMENT MARKING REMOVAL	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	EPOXY PAVEMENT MARKING - LINE 4 INCH	EPOXY PAVEMENT MARKING - LINE 5 INCH	EPOXY PAVEMENT MARKING - LINE 8 INCH	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
		(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(SQ FT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)
1	1989	31,479	2,123	23,400	2,553	145	15,493					2	
2	1878	46,265	11,236	9,585	291		3,988						2
RESURFACING		5,981	10,440	4,593	706			654	158,356	90,000	44,686		
TOTAL		3867	83,725	23,799	37,578	3,550	19,481	654	158,356	90,000	44,686	2	2

CONTRACT 60G53
TEMPORARY INFORMATION SIGNING - STAGE 1

STATION	LEGEND/DESCRIPTION	PANEL COVER DIMENSIONS		PANEL COVER AREA
		WIDTH (FT)	HEIGHT (FT)	(SQ FT)
		885+00	COVER	2.0
895+10	COVER	2.0	2.5	5.0
885+00	ARROW	2.0	2.0	4.0
895+10	ARROW	2.0	2.0	4.0
TOTAL				18.0

CONTRACT 60G53
TEMPORARY INFORMATION SIGNING - STAGE 2

STATION	LEGEND/DESCRIPTION	PANEL COVER DIMENSIONS		PANEL COVER AREA
		WIDTH (FT)	HEIGHT (FT)	(SQ FT)
		879+50	COVER	2.0
885+00	LEFT LANE	2.0	15.0	30.0
895+10	LEFT 1/4 MILE	2.0	15.0	30.0
TOTAL				76.0


CONTRACT 60G53
PORTLAND CEMENT CONCRETE SHOULDERS

LOCATION	DESCRIPTION	PAVED SHOULDER REMOVAL	PORTLAND CEMENT CONCRETE SHOULDERS 6"
		(SQ YD)	(SQ YD)
CICERO AVE. TO KEELER AVE.	EB INSIDE SHOULDER	10	10
	WB INSIDE SHOULDER	10	10
KEELER AVE. TO HOMAN AVE.	EB INSIDE SHOULDER	10	10
	WB INSIDE SHOULDER	10	10
HOMAN AVE. TO CALIFORNIA AVE.	EB INSIDE SHOULDER	10	10
	WB INSIDE SHOULDER	10	10
TOTAL		60	60

EASTBOUND SIGN SCHEDULE

SIGN NO.	STATION	LEGEND/DESCRIPTION	EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		REMOVE SIGN PANEL-TYPE 1 (SQ FT)	REMOVE SIGN PANEL-TYPE 2 (SQ FT)	REMOVE SIGN PANEL-TYPE 3 (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY - TYPE B EACH	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	SIGN PANEL TYPE 3 (SQ FT)	WOOD SIGN SUPPORT (FOOT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	REMOVAL OF LIGHTING UNIT, NO SALVAGE (EACH)
			WIDTH (FT)	HEIGHT (FT)	WIDTH (FT)	HEIGHT (FT)											
EB-CL-93	876+50	EXIT 23B - CENTRAL AVE - 5600W	20.0	7.5	24.0	9.0			150.0					216.0			1.0
EB-WP-93B1	876+60	M3-2	2.5	1.3	2.5	1.3				1.0		3.1			18.0		
EB-WP-93B2	876+60	M1-1-3 (I 290)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)					1.0		9.0					
EB-TS-93A	880+17	W13-3 (30 MPH)	3.0	4.0	4.0	5.0							20.0			18.0	
EB-WP-94	881+05	EXIT - 23B	7.5	5.0	7.0	5.0					1.0			35.0		36.0	
EB-TS-94A*	889+38	CENTRAL AVE - 5600 W	7.8	2.5	7.8	2.5					1.0			19.6		18.0	
EB-WP-94B	898+45	W4-1R	4.0	4.0	4.0	4.0					1.0			16.0		18.0	
EB-PM-94C1	908+96	M3-2	2.5	1.3	2.5	1.3	3.1					3.1					
EB-PM-94C2	908+96	M1-1-3 (I 290)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)		9.0					9.0					
EB-PM-94D	913+47	R2-1 (55 MPH)	4.0	5.0	4.0	5.0		20.0					20.0				
EB-BM-95	916-10	EXIT 24B - 50 CICERO AVE - 1/4 MILE	20.5	9.0	20.5	9.0			184.5					184.5			1.0
EB-BM-95A*	916+10	LARAMIE AVE - 5200 W	8.1	2.5	8.1	2.5		20.3					20.3				
EB-TS-95B	920+30	TRUCKS - USE - 2 - RIGHT - LANES	4.0	5.0	4.0	5.0					1.0		20.0			18.0	
EB-WP-95C	923+48	W4-1R	4.0	4.0	4.0	4.0					1.0		16.0		18.0		
EB-BM-96	931+80	EXIT 24B - 50 CICERO AVE - 4800 W	24.0	9.0	24.0	9.0			216.0					216.0			1.0
EB-BM-96A*	931+80	LAVERGNE AVE - 5000 W	8.8	2.5	8.8	2.5		22.1					22.1				
EB-PM-96B	934+31	W13-3 (30 MPH)	3.0	4.0	4.0	5.0		12.0					20.0				
EB-WP-97	935+70	EXIT - 24B	7.5	5.0	7.0	5.0					1.0			35.0		36.0	
EB-BM-98	942+80	EXIT 26A - INDEPENDENCE BLVD - 1 MILE	23.5	8.5	23.5	8.5			199.8					199.8			1.0
EB-BM-98A*	942+80	CICERO AVE - 4800 W	7.3	2.5	7.3	2.5		18.1					18.1				
EB-BM-98B*	970+36	KOSTNER AVE - 4400 W	8.0	2.5	8.0	2.5		20.0					20.0				
EB-WP-98C	976+86	W4-1R	4.0	4.0	4.0	4.0					1.0		16.0		18.0		
EB-BM-99	984+25	EXIT 26A - INDEPENDENCE BLVD - 1/4 MILE	23.5	8.0	23.5	8.0			188.0					188.0			1.0
EB-BM-99A*	984+25	KEELER AVE	7.3	2.5	7.3	2.5		18.3					18.3				
EB-WP-99B	989+70	R2-1 (55 MPH)	4.0	5.0	4.0	5.0					1.0		20.0		18.0		
EB-PM-99C	992+19	TRUCKS - USE - 2 - RIGHT - LANES	4.0	5.0	4.0	5.0		20.0					20.0				
EB-BM-100	997+70	EXIT 27A - SACRAMENTO BLVD - 1MILE	21.5	8.5	21.5	8.5			182.8					182.8			1.0
EB-BM-101	997+70	EXIT 26A - INDEPENDENCE BLVD - 3800 W	27.0	7.5	27.0	7.5			202.5					202.5			1.0
EB-BM-101A*	997+70	PULASKI AVE - 4000 W	7.7	2.5	7.7	2.5		19.2					19.2				
EB-TS-101B	1003+57	W13-3 (30 MPH)	3.0	4.0	4.0	5.0					1.0		20.0			18.0	
EB-WP-102	1004+50	EXIT - 26A	7.5	5.0	7.0	5.0					1.0			35.0		36.0	
EB-BM-102A*	1011+31	INDEPENDENCE BLVD - 3800 W	11.8	2.5	11.8	2.5			29.4					29.4			
EB-WP-102B	1019+35	W4-1R	4.0	4.0	4.0	4.0					1.0		16.0		18.0		
EB-BM-102C*	1024+19	CENTRAL PARK AVE - 3600 W	10.7	2.5	10.7	2.5			26.7					26.7			
EB-TS-102D1	1026+96	M3-2	2.5	1.3	2.5	1.3				1.0		3.1				18.0	
EB-TS-102D2	1026+96	M1-1-3 (I 290)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)					1.0		9.0					
EB-TS-102E	1031+10	R2-1 (55 MPH)	4.0	5.0	4.0	5.0					1.0		20.0			18.0	
EB-PM-102F	1032+08	R2-1 (55 MPH)	4.0	5.0	4.0	5.0		20.0					20.0				
EB-BM-103	1037+40	EXIT 27C - WESTERN AVE - 1 MILE	17.0	8.5	17.0	8.5			144.5					144.5			1.0
EB-BM-103A*	1037+40	HOMAN AVE - 3400 W	7.6	2.5	7.6	2.5		19.0					19.0				
EB-TS-103B	1048+91	TRUCKS - USE - 2 - RIGHT - LANES	4.0	5.0	4.0	5.0					1.0		20.0			18.0	
EB-WP-103C	1046+93	W4-1R	4.0	4.0	4.0	4.0					1.0		16.0		18.0		
EB-BM-104	1037+40	EXIT 27A - SACRAMENTO BLVD - 1/4 MILE	21.5	8.0	21.5	8.0			172.0					172.0			1.0
EB-BM-105	1050+70	EXIT 27A - SACRAMENTO BLVD - 3000 W	22.5	7.5	22.5	7.5			168.8					169.1			1.0
EB-BM-105A*	1050+70	KEDZIE AVE - 3200 W	7.5	2.5	7.5	2.5		18.8					18.8				


*EXISTING SIGN DIMENSIONS NOT AVAILABLE; PROPOSED SIGN DIMENSIONS USED

FILE NAME =	DESIGNED - SEW	REVISED -	 LIN ENGINEERING LTD. Consulting Engineers Chatham, Illinois Westmont, Illinois	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	DRAWN - SEW	REVISED -			SCALE: N.T.S.	SHEET NO. 1 OF 3 SHEETS	STA.	TO STA.	290	(2727, ETC., 3131) RS-7	COOK	216	16
USER NAME = #USER#	CHECKED - FML	REVISED -									CONTRACT NO. 60653		
PILOT DATE = #DATE#	DATE - 1/25/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

EASTBOUND SIGN SCHEDULE (CONTINUED)

SIGN NO.	STATION	LEGEND/DESCRIPTION	EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		REMOVE SIGN	REMOVE SIGN	REMOVE SIGN	REMOVE SIGN	REMOVE SIGN	SIGN PANEL	SIGN PANEL	SIGN PANEL	WOOD SIGN	TELESCOPING	REMOVAL OF
			WIDTH (FT)	HEIGHT (FT)	WIDTH (FT)	HEIGHT (FT)	PANEL-TYPE 1 (SQ FT)	PANEL-TYPE 2 (SQ FT)	PANEL-TYPE 3 (SQ FT)	PANEL ASSEMBLY - TYPE A EACH	PANEL ASSEMBLY - TYPE B EACH	PANEL TYPE 1 (SQ FT)	PANEL TYPE 2 (SQ FT)	PANEL TYPE 3 (SQ FT)	SUPPORT (FOOT)	STEEL SIGN SUPPORT (FOOT)	LIGHTING UNIT, NO SALVAGE (EACH)
EB-PM-105B	1057+17	W13-3 (30 MPH)	3.0	4.0	4.0	5.0		12.0					20.0				
EB-WP-106	1058+50	EXIT - 27A	7.5	5.0	7.0	5.0					1.0			35.0	36.0		
EB-BM-107	1064+30	EXIT 28A - DAMEN AVE - 1 MILE	15.5	8.0	15.5	8.0			124.0					124.0			1.0
EB-BM-108	1064+30	EXIT 27C - WESTERN AVE - 1/4 MILE	17.0	8.0	17.0	8.0			136.0					136.0			1.0
EB-BM-108A*	1064+30	SACRAMENTO BLVD - 3000 W	10.6	2.5	10.6	2.5			26.5					26.5			
EB-TS-108B	1070+46	TRUCKS - USE - 2 - RIGHT - LANES									1.0		20.0			18.0	
EASTBOUND SUBTOTAL							13	240	2152	4	17	37	496	2358	270	144	12

*EXISTING SIGN DIMENSIONS NOT AVAILABLE; PROPOSED SIGN DIMENSIONS USED

FILE NAME =	DESIGNED - SEW	REVISED -	 LIN ENGINEERING, LTD. Consulting Engineers <small>Chatham, Illinois Westmont, Illinois</small>	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$FILEL\$	DRAWN - SEW	REVISED -			290	(2727, ETC., 3131) RS-7	COOK	216	17				
USER NAME = \$USER\$	CHECKED - FML	REVISED -			CONTRACT NO. 60G53								
PLOT DATE = \$DATE\$	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 2 OF 3 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

WESTBOUND SIGN SCHEDULE

SIGN NO.	STATION	LEGEND/DESCRIPTION	EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		REMOVE SIGN PANEL-TYPE 1 (SQ FT)	REMOVE SIGN PANEL-TYPE 2 (SQ FT)	REMOVE SIGN PANEL-TYPE 3 (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY - TYPE B EACH	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	SIGN PANEL TYPE 3 (SQ FT)	WOOD SIGN SUPPORT (FOOT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	REMOVAL OF LIGHTING UNIT, NO SALVAGE (EACH)
			WIDTH (FT)	HEIGHT (FT)	WIDTH (FT)	HEIGHT (FT)											
WB-CL-102*	879+50	EXIT 23A - AUSTIN BLVD - EXIT ONLY	18.0	11.0	18.0	11.0			198.0					198.0			1.0
WB-PM-102A	879+50	W13-3 (30 MPH)	3.0	4.0	4.0	5.0		12.0				20.0					
WB-WP-102B	884+86	W4-1R	4.0	4.0	4.0	4.0				1.0					18.0		
WB-CL-103*	885+00	EXIT 23A - AUSTIN BLVD - EXIT ONLY	15.0	10.5	15.0	10.5			157.5					157.5			1.0
WB-TS-103A	891+08	CENTRAL AVE - 5600 W	7.8	2.5	7.8	2.5				1.0		19.6		157.5			
WB-TR-104*	895+10	EXIT 23A - AUSTIN BLVD - EXIT ONLY	18.0	10.5	18.0	10.5			189.0					189.0			1.0
WB-TR-105	895+10	EXIT 21B - IL 43 HARLEM AVE - LEFT 2 MILES	16.5	10.5	16.5	10.5			173.3					173.3			1.0
WB-WP-106	899+00	EXIT - 23B	7.5	5.0	7.0	5.0				1.0				35.0	36.0		
WB-TS-106A	903+00	W13-3 (30 MPH)	3.0	4.0	4.0	5.0				1.0		20.0				18.0	
WB-CL-107	909+00	EXIT 23B - CENTRAL AVE - 5600 W	20.0	7.5	20.0	7.5			150.0					150.0			1.0
WB-BM-108	916+90	LEFT EXIT 23A - AUSTIN BLVD - LEFT 3/4 MILE	16.0	9.0	16.0	9.0			144.0					144.0			1.0
WB-BM-109	916+90	EXIT 23B - CENTRAL AVE - 1/4 MILE	16.0	8.0	16.0	8.0			128.0					128.0			1.0
WB-BM-109A*	916+90	LARAMIE AVE - 5200 W	8.1	2.5	8.1	2.5		20.3				20.3					
WB-WP-109B	921+46	TRUCKS - USE - RIGHT - 2 - LANES	4.0	5.0	4.0	5.0				1.0		20.0			18.0		
WB-WP-110	924+80	EXIT - 24A	7.5	5.0	7.0	5.0				1.0				35.0	36.0		
WB-PM-110A	926+11	W13-3 (30 MPH)	3.0	4.0	4.0	5.0		12.0				20.0					
WB-PM-110B1	929+34	M3-4	2.5	1.3	2.5	1.3	3.1						3.1				
WB-PM-110B2	929+34	M1-1-3 (I 290)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)		9.0					9.0					
WB-BM-111	931+90	EXIT 24A - LARAMIE AVE - 5200 W	21.0	7.5	21.0	7.5			157.5					157.5			1.0
WB-BM-111A*	931+90	LAVERGNE AVE - 5000 W	8.8	2.5	8.8	2.5		22.1				22.1					
WB-TS-111B	937+41	W4-1R	4.0	4.0	4.0	4.0				1.0		16.0				18.0	
WB-BM-112	943+70	EXIT 23B - CENTRAL AVE - 3/4 MILE	16.5	8.5	16.5	8.5			140.3					140.3			1.0
WB-BM-113	943+70	EXIT 24A - LARAMIE AVE - 1/4 MILE	17.0	8.0	17.0	8.5			136.0					144.5			1.0
WB-BM-113A*	943+70	CICERO AVE - 4800 W	7.3	2.5	7.3	2.5		18.1				18.1					
WB-BM-113B*	971+73	KOSTNER AVE - 4400 W	8.0	2.5	8.0	2.5		20.0				20.0					
WB-WP-114	977+90	EXIT - 25	6.0	5.0	6.0	5.0				1.0				30.0	36.0		
WB-TS-114A	980+40	W13-3 (30 MPH)	3.0	4.0	4.0	5.0				1.0						18.0	
WB-BM-115	984+95	EXIT 25 - KOSTNER AVE - 4400 W	20.5	7.5	20.5	7.5			153.8					153.8			1.0
WB-BM-115A*	984+95	KEELER AVE - 4200 W	7.3	2.5	7.3	2.5		18.3				18.3					
WB-PM-115B	985+62	TRUCKS - USE - RIGHT - 2 - LANES	4.0	5.0	4.0	5.0		20.0				20.0					
WB-TS-115C	992+38	R2-1 (55 MPH)	4.0	5.0	4.0	5.0				1.0						18.0	
WB-TS-115D1	997+14	M3-4	2.5	1.3	2.5	1.3										18.0	
WB-TS-115D2	997+14	M1-1-3 (I 290)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)					1.0			3.1				
WB-BM-115E*	998+45	PULASKI AVE - 4000 W	7.7	2.5	7.7	2.5		19.2		1.0			19.2				
WB-BM-115F	1004+79	W4-1R	4.0	4.0	4.0	4.0		16.0				16.0					
WB-BM-116	1013+75	EXIT 24A - LARAMIE AVE - 1 1/2 MILES	17.0	8.5	17.0	8.5			144.5					144.5			1.0
WB-BM-117	1013+75	EXIT 25 - KOSTNER AVE - 1/2 MILE	16.5	8.5	16.5	8.5			140.3					140.3			1.0
WB-BM-117A	1013+75	INDEPENDENCE BLVD - 3800 W	11.8	2.5	11.8	2.5			29.4					29.4			
WB-WP-118	1019+30	EXIT - 26A	7.5	5.0	7.0	5.0								35.0	36.0		
WB-PM-118A	1020+46	W13-3 (30 MPH)	3.0	4.0	4.0	5.0		12.0				20.0					
WB-BM-119	1024+90	EXIT 26A - INDEPENDENCE BLVD - 3800 W	27.0	7.5	27.0	7.0			202.5					189.0			1.0
WB-BM-119A	1024+90	CENTRAL PARK AVE - 3600 W	10.7	2.5	10.7	2.5			26.7					26.7			
WB-BM-120	1038+10	EXIT 25 - KOSTNER AVE - 1 MILE	16.5	8.5	16.5	8.5			140.3					140.3			1.0
WB-BM-121	1038+10	EXIT 26A - INDEPENDENCE BLVD - 1/4 MILE	23.5	8.0	23.5	8.0			188.0					188.0			1.0
WB-BM-121A*	1038+10	HOMAN AVE - 3400 W	7.6	2.5	7.6	2.5		19.0				19.0					
WB-PM-121B	1040+50	TRUCKS - USE - RIGHT - 2 - LANES	4.0	5.0	4.0	5.0		20.0				20.0					
WB-WP-122	1045+70	EXIT - 26B	7.5	5.0	7.0	5.0				1.0				35.0	36.0		
WB-TS-122A	1046+75	W13-3 (30 MPH)	3.0	4.0	4.0	5.0				1.0			20.0			18.0	
WB-BM-123	1051+55	EXIT 26B - HOMAN AVE - 3400 W	19.5	7.5	19.5	7.5			146.3					146.3			1.0
WB-BM-123A*	1051+55	KEDZIE AVE - 3200 W	7.4	2.5	7.4	2.5		18.5					18.5				
WB-TS-123B	1059+48	W4-1R	4.0	4.0	4.0	4.0						16.0				18.0	
WB-BM-123C*	1065+26	SACRAMENTO BLVD - 3000 W	10.6	2.5	10.6	2.5			26.5					26.5			
WESTBOUND SUBTOTAL							13	248	2772	2	14	25	439	2937	216	144	17

*EXISTING SIGN DIMENSIONS NOT AVAILABLE; PROPOSED SIGN DIMENSIONS USED

MILE POST MARKER ASSEMBLY

DIRECTION	EACH
EASTBOUND	8
WESTBOUND	8
TOTAL	16

FILE NAME =	DESIGNED - SEW	REVISED -
#FILE#	DRAWN - SEW	REVISED -
USER NAME = #LSER#	CHECKED - FML	REVISED -
PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES


SCALE: N.T.S. SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131) RS-7	COOK	216	18
CONTRACT NO. 60G53				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

UPSTREAM MH STA - O/S*	DOWNSTREAM MH STA - O/S*	PIPE SIZE	LOCATION DIST. FROM US MH	MAIN DRAIN CLEANING	APPROXIMATE VOLUME OF DEBRIS
FROM EB ALIGNMENT	FROM EB ALIGNMENT	H X W	FT	FT	CU. YD
874+80 - 40' R	868+00 - 40' R	4'6" x 4'2"	674.9	75.0	7.0
880+12 - 75' R	874+80 - 40' R	4'6" x 4'2"	0.0	542.0	32.0
884+00 - 45' R	880+12 - 75' R	4'2" x 3'11"	17.8	5.0	0.5
884+00 - 45' R	880+12 - 75' R	4'6" x 4'2"	229.6	200.0	15.0
898+50 - 45' R	904+50 - 150' R	4'5" x 4'	194.7	110.0	6.5
898+50 - 45' R	904+50 - 150' R	4'5" x 4'	74.9	2.0	0.5
898+50 - 45' R	904+50 - 150' R	4'7" x 4'11"	157.6	158.0	25.0
904+50 - 150' R	908+25 - 100' R	5' x 5'	0.0	373.0	10.0
908+25 - 100' R	911+85 - 0'	4'6" x 4'11"	3.5	20.0	1.5
908+25 - 100' R	911+85 - 0'	4'6" x 4'11"	78.1	20.0	1.5
908+25 - 100' R	911+85 - 0'	4'7" x 4'11"	0.0	400.0	50.0
911+85 - 0'	917+25 - 20' R	4'6" x 4'11"	537.0	20.0	1.5
911+85 - 0'	917+25 - 20' R	4'6" x 4'11"	423.2	25.0	2.0
911+85 - 0'	917+25 - 20' R	4'6" x 4'11"	220.7	120.0	7.0
917+25 - 20' R	923+50 - 0'	4'8" x 4'11"	1.1	5.0	0.5
917+25 - 20' R	923+50 - 0'	4'8" x 4'11"	75.2	5.0	0.5
917+25 - 20' R	923+50 - 0'	4'8" x 4'11"	230.8	5.0	0.5
917+25 - 20' R	923+50 - 0'	4'8" x 4'11"	350.0	5.0	0.5
917+25 - 20' R	923+50 - 0'	4'8" x 4'11"	372.1	20.0	1.5
917+25 - 20' R	923+50 - 0'	4'8" x 4'11"	481.8	100.0	6.5
917+25 - 20' R	923+50 - 0'	4'8" x 4'11"	623.9	5.0	0.5
923+50 - 0'	930+00 - 0'	4'8" x 4'11"	0.0	625.0	20.0
930+00 - 0'	936+35 - 0'	4'6" x 4'2"	0.0	13.0	1.5
930+00 - 0'	936+35 - 0'	4'4" x 4'	81.7	62.0	5.5
930+00 - 0'	936+35 - 0'	4'4" x 4'	411.4	254.0	22.0
936+35 - 0'	943+85 - 0'	4'6" x 4'2"	505.2	550.0	30.0
936+35 - 0'	943+85 - 0'	4'6" x 4'2"	608.8	4.0	0.5
943+85 - 0'	950+75 - 5' L	5'7" x 5'	354.8	325.0	48.0
950+75 - 5' L	959+30 - 15' R	5'2" x 4'11"	854.1	855.0	66.0
959+30 - 15' R	965+20 - 5' L	5'2" x 4'10"	589.0	589.0	75.0
965+20 - 5' L	973+50 - 5' L	5'2" x 4'10"	156.3	676.0	85.0
973+50 - 5' L	979+60 - 5' L	6'2" x 5'6"	303.5	2.0	0.5
973+50 - 5' L	979+60 - 5' L	6'2" x 5'6"	549.2	550.0	60.0
979+60 - 5' L	986+06 - 5' L	6'2" x 5'6"	646.4	647.0	71.0
986+06 - 5' L	991+80 - 5' L	6'6" x 6'	9.5	2.0	0.5
986+06 - 5' L	991+80 - 5' L	6'6" x 6'	651.8	600.0	118.0
991+80 - 5' L	997+32 - 5' L	6'6" x 6'	56.1	496.0	61.0
997+32 - 5' L	1003+89 - 5' L	6'6" x 6'	518.0	2.0	0.5
997+32 - 5' L	1003+89 - 5' L	6'6" x 6'	24.5	684.8	135.0
1003+89 - 5' L	1012+57 - 5' L	6'6" x 6'	849.7	20.0	4.0
1012+57 - 5' L	1019+15 - 5' L	6'6" x 6'	345.5	2.0	0.5
1012+57 - 5' L	1019+15 - 5' L	6'6" x 6'	422.9	2.0	0.5
1025+60 - 5' L	1019+15 - 5' L	7'5" x 6'10"	644.3	644.0	105.0
1025+60 - 5' L	1031+40 - 5' L	7'5" x 6'10"	0.0	579.0	92.0
1031+40 - 5' L	1037+10 - 5' L	7'5" x 6'10"	0.0	197.0	50.0
1031+40 - 5' L	1037+10 - 5' L	8'6" x 6'7"	594.1	30.0	10.0
1037+10 - 5' L	1044+59 - 6' R	8'6" x 6'7"	0.0	750.0	150.0
1044+59 - 6' R	1050+56 - 5' L	8'6" x 6'7"	0.0	597.0	125.0
1050+56 - 5' L	1059+91 - 5' L	8'7" x 7'4"	44.1	45.0	15.0
1050+56 - 5' L	1059+91 - 5' L	8'7" x 7'4"	261.3	10.0	4.0
1050+56 - 5' L	1059+91 - 5' L	8'7" x 7'4"	929.2	215.0	75.0
1059+91 - 5' L	1069+18 - 124' L	8'7" x 7'4"	2.0	927.0	195.0
1069+18 - 124' L	1073+30 - 135' L	8'7" x 7'4"	0.0	417.0	145.0
1069+18 - 124' L	1073+30 - 135' L	8'7" x 7'4"	20.3	2.0	0.5
1069+18 - 124' L	1073+30 - 135' L	8'7" x 7'4"	250.3	2.0	0.5
			TOTAL	13601	

UPSTREAM MH STA - O/S*	DOWNSTREAM MH STA - O/S*	PIPE SIZE	LOCATION DIST. FROM US MH	MAIN DRAIN JOINT REPAIR
FROM EB ALIGNMENT	FROM EB ALIGNMENT	H X W	FT	FT
908+25 - 100' R	911+85 - 0'	4'6" x 4'11"	21.4	12.0
908+25 - 100' R	911+85 - 0'	4'7" x 4'11"	18.2	3.0
908+25 - 100' R	911+85 - 0'	4'7" x 4'11"	99.3	12.0
911+85 - 0'	917+25 - 20' R	4'6" x 4'11"	144.8	12.0
965+20 - 5' L	973+50 - 5' L	5'2" x 4'10"	414.0	13.5
979+60 - 5' L	986+06 - 5' L	6'2" x 5'6"	47.1	16.5
979+60 - 5' L	986+06 - 5' L	6'2" x 5'6"	107.5	16.5
979+60 - 5' L	986+06 - 5' L	6'2" x 5'6"	202.4	16.5
1012+57 - 5' L	1019+15 - 5' L	6'6" x 6'	33.8	17.0
1025+60 - 5' L	1019+15 - 5' L	7'5" x 6'10"	92.2	6.0
			TOTAL	125


• THE STATIONS PROVIDED FOR THE PROPOSED CLEANING AND REPAIR LOCATIONS ARE BASED ON PREVIOUS PLANIMETRICS AND AERIAL PHOTOGRAPHY, AND IS NOT THE RESULT OF A GROUND SURVEY. THE STATIONING IS PROVIDED FOR REFERENCE PURPOSES ONLY.

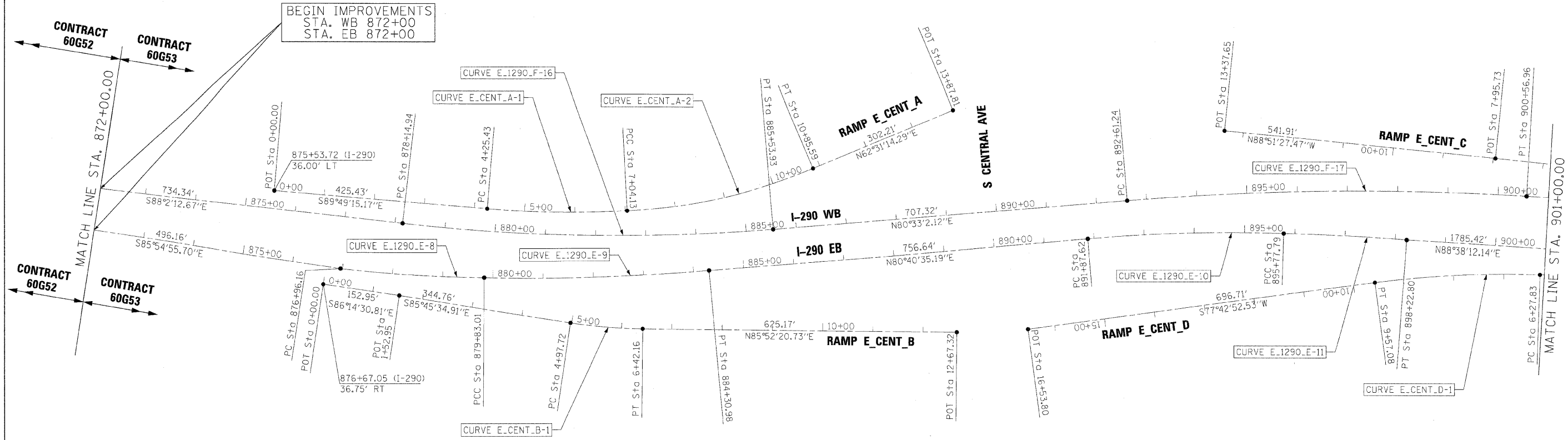
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#FILE#	DRAWN - SGL	REVISED -			290	(2727, ETC., 3131) RS-7	COOK	216	19				
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PLCT DATE = #DATE#	DATE - 1/25/10	REVISED -			SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS/FED. AID PROJECT				

DRAINAGE STRUCTURE STA - O/S*	DRAINAGE STRUCTURES TO BE CLEANED
FROM EB ALIGNMENT	EACH
874+80 - 40' R	1
880+12 - 75' R	1
884+00 - 45' R	1
898+50 - 45' R	1
904+50 - 150' R	1
908+25 - 100' R	1
911+85 - 0'	1
917+25 - 20' R	1
923+50 - 0'	1
930+00 - 0'	1
936+35 - 0'	1
943+85 - 0'	1
950+75 - 5' L	1
959+30 - 15' R	1
965+20 - 5' L	1
973+50 - 5' L	1
979+60 - 5' L	1
986+06 - 5' L	1
991+80 - 5' L	1
997+32 - 5' L	1
1003+89 - 5' L	1
1012+57 - 5' L	1
1019+15 - 5' L	1
1025+60 - 5' L	1
1031+40 - 5' L	1
1037+10 - 5' L	1
1044+59 - 6' R	1
1050+56 - 5' L	1
1059+91 - 5' L	1
1069+18 - 124' L	1
JOB SITE	312
TOTAL	342

UPSTREAM MH STA - O/S*	DOWNSREAM MH STA - O/S*	PIPE SIZE	LOCATION DIST. FROM US MH	APPROXIMATE VOLUME OF PATCHING REQUIRED	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 IN.)	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 IN.)
FROM EB ALIGNMENT	FROM EB ALIGNMENT	H X W	FT	CU. YD	SQ. FT.	SQ. FT.
874+80 - 40' R	868+00 - 40' R	4'6" x 4'2"	398.2	0.3	2.0	-
884+00 - 45' R	880+12 - 75' R	4'2" x 3'11"	176.0	0.3	-	16.0
884+00 - 45' R	880+12 - 75' R	4'6" x 4'2"	369.7	1.5	-	40.0
884+00 - 45' R	880+12 - 75' R	4'6" x 4'2"	403.9	1.5	-	40.0
930+00 - 0'	936+35 - 0'	4'4" x 4'	232.4	1.5	36.0	-
936+35 - 0'	943+85 - 0'	4'6" x 4'2"	428.5	1.0	24.0	-
991+80 - 5' L	997+32 - 5' L	6'6" x 6'	114.5	0.3	2.0	-
1031+40 - 5' L	1037+10 - 5' L	7'5" x 6'10"	68.3	0.3	2.0	-
1031+40 - 5' L	1037+10 - 5' L	8'6" x 6'7"	523.9	0.3	2.0	-
1037+10 - 5' L	1044+59 - 6' R	8'6" x 6'7"	142.3	0.3	2.0	-
1037+10 - 5' L	1044+59 - 6' R	8'6" x 6'7"	148.0	1.0	-	32.0
1050+56 - 5' L	1059+91 - 5' L	8'7" x 7'4"	462.5	1.0	-	32.0
TOTAL					70	160

* THE STATIONS PROVIDED FOR THE PROPOSED CLEANING AND REPAIR LOCATIONS ARE BASED ON PREVIOUS PLANIMETRICS AND AERIAL PHOTOGRAPHY, AND IS NOT THE RESULT OF A GROUND SURVEY. THE STATIONING IS PROVIDED FOR REFERENCE PURPOSES ONLY.

FILE NAME =	DESIGNED - SGL	REVISED -	 LIN ENGINEERING LTD. Consulting Engineers <small>Channah, Illinois Westmont, Illinois</small>	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -			SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				



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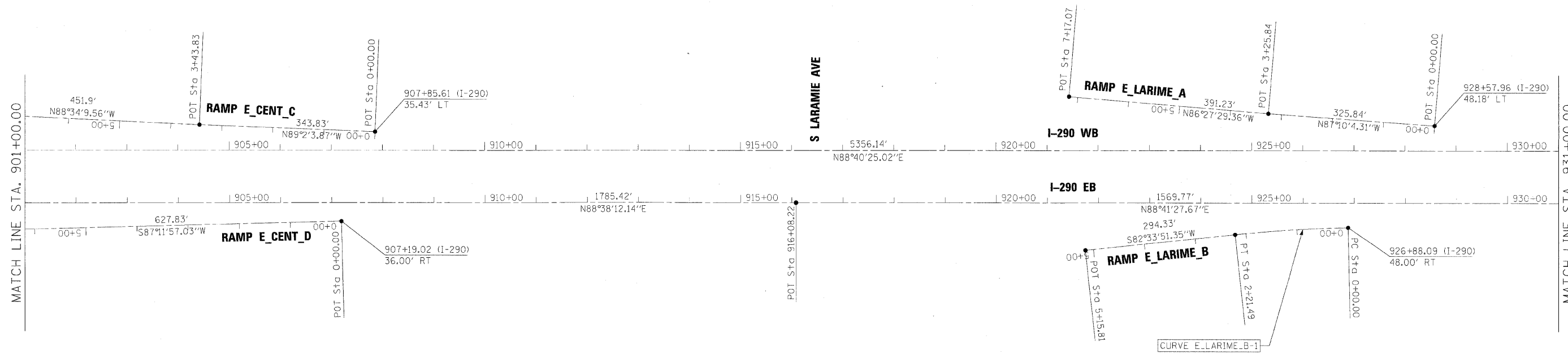
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
POB TO STA 901+00**

SCALE: 1"=100' SHEET NO. 1 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	21
CONTRACT NO. 60G53				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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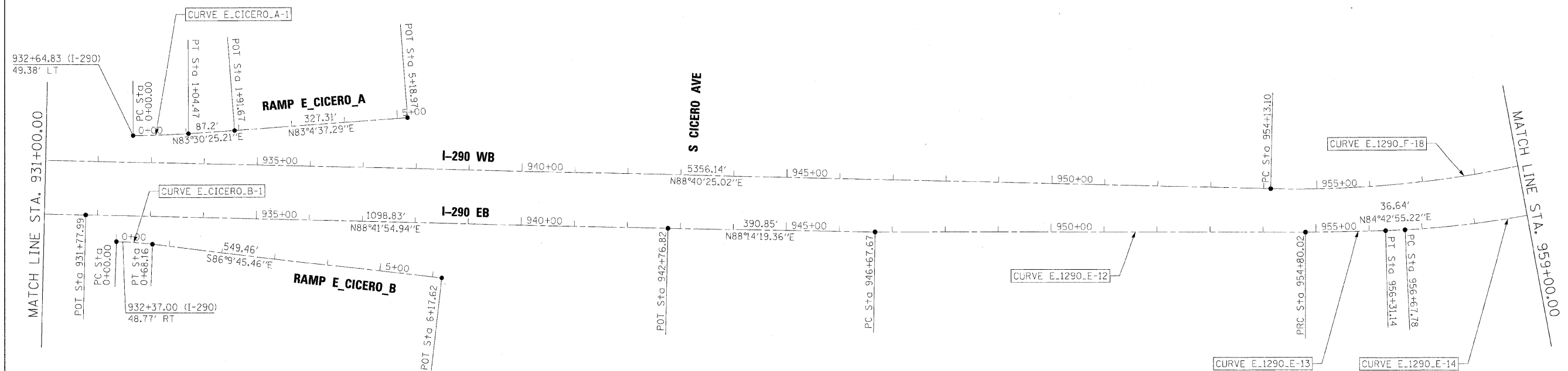
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
STA 901+00 TO STA 931+00**

SCALE: 1"=100' SHEET NO. 2 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	22
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60G53	



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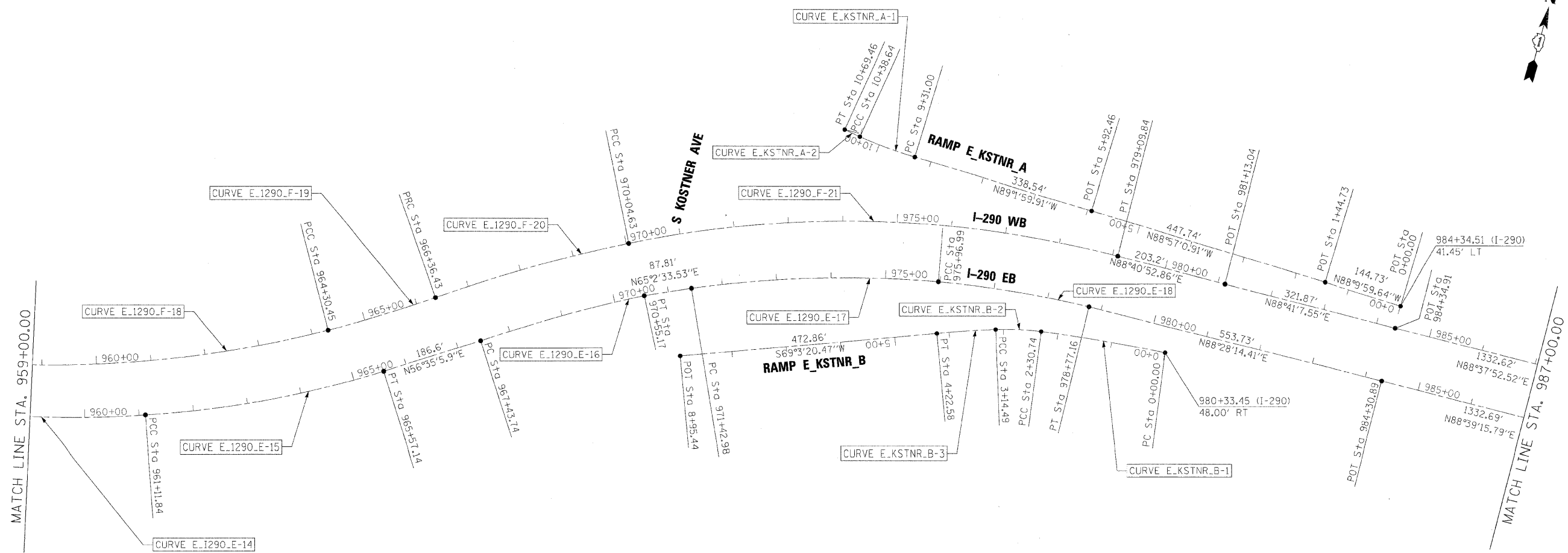
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
STA 931+00 TO STA 959+00**

SCALE: 1"=100' SHEET NO. 3 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	23
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
STA 959+00 TO STA 987+00**

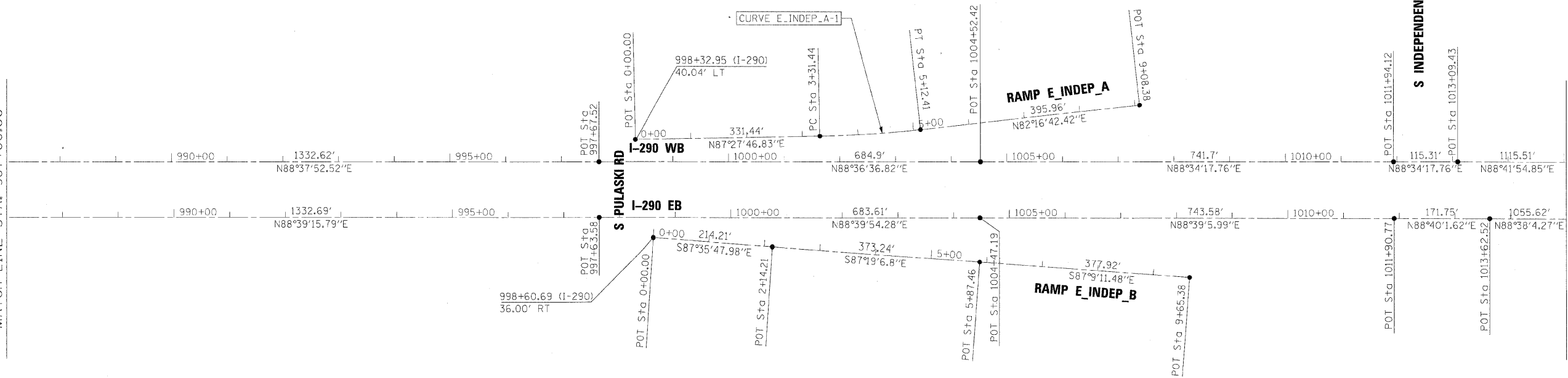
SCALE: 1"=100' SHEET NO. 4 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



MATCH LINE STA. 987+00.00

MATCH LINE STA. 1015+00.00



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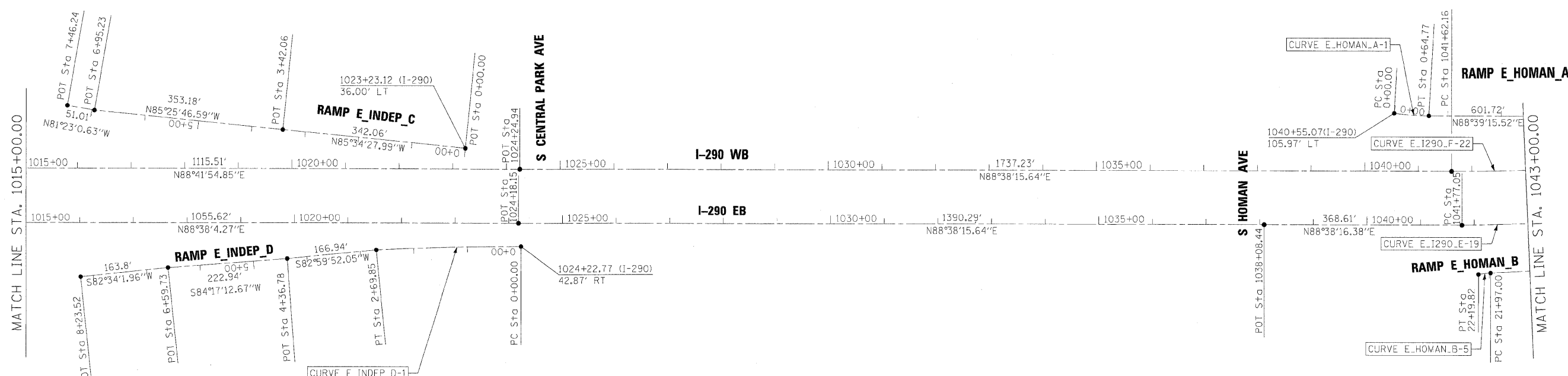
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
STA 987+00 TO STA 1015+00**

SCALE: 1"=100' SHEET NO. 5 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	25
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60653	



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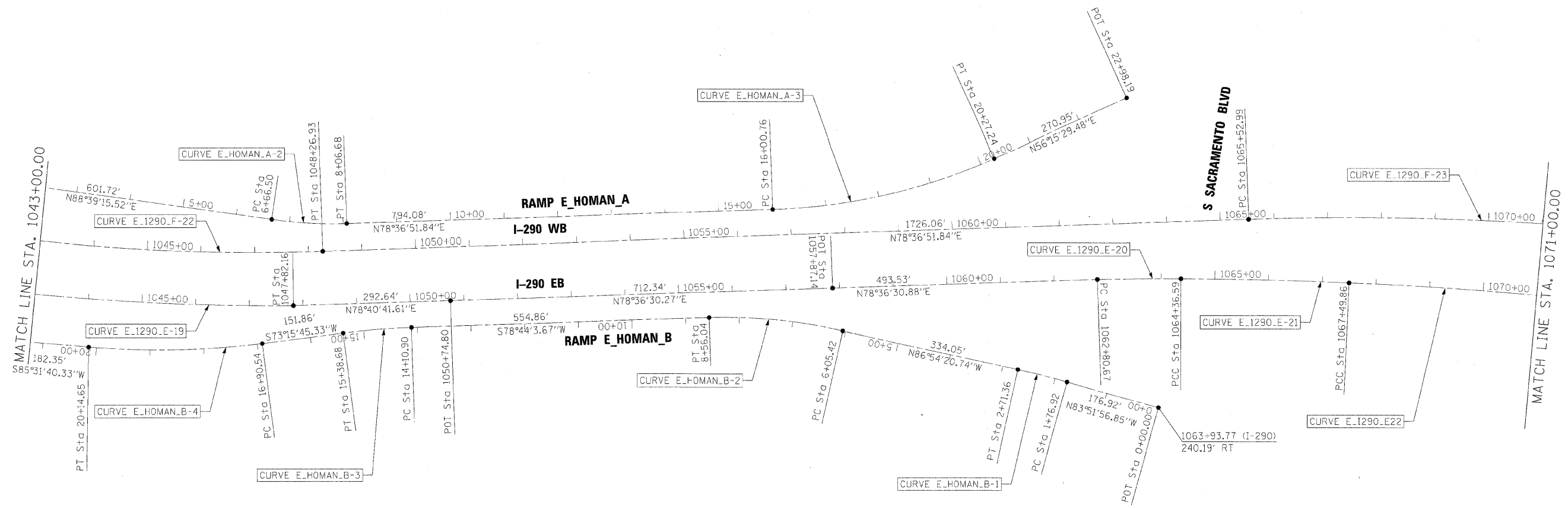
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
STA 1015+00 TO STA 1043+00**

SCALE: 1"=100' SHEET NO. 6 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	26
CONTRACT NO. 60653				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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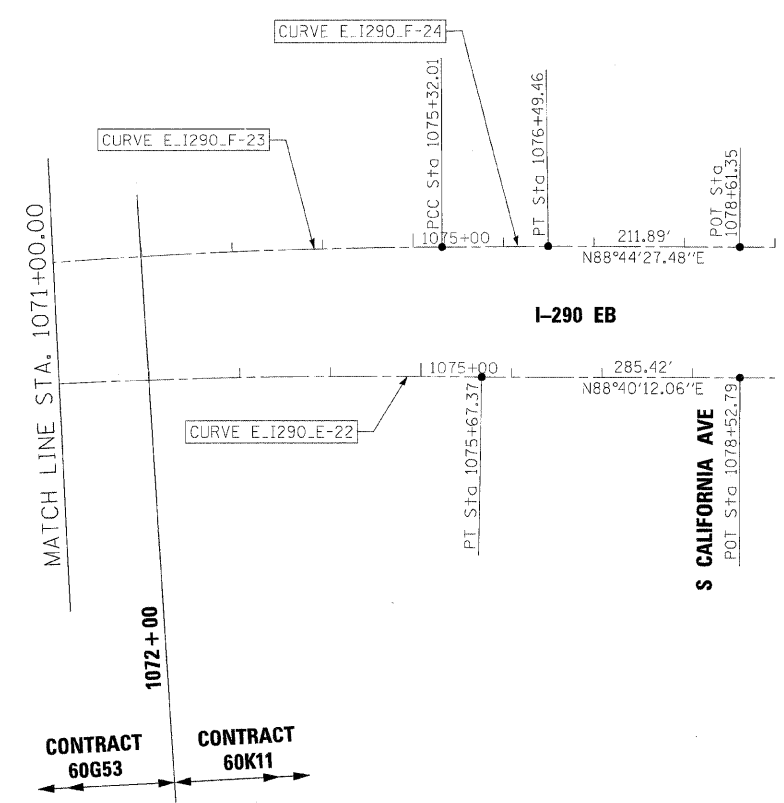
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
STA 1043+00 TO STA 1071+00**

SCALE: 1"=100' SHEET NO. 7 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	27
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



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benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
STA 1071+00 TO STA 1099+00**

SCALE: 1"=100' SHEET NO. 8 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	28
CONTRACT NO. 60G53				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

I-290 EB

Curve Data

Course from 151 to PC E I290 E-8 S 85° 59' 55.70" E Dist 496.1552
 Curve E I290 E-8
 P.I. Station = 878+39.74 N 1,895,965.3955 E 1,138,047.7690
 Delta = 6° 30' 53.11" (LT)
 Degree = 2° 16' 16.10"
 Tangent = 143.5794
 Length = 286.8495
 Radius = 2,522.7759
 External = 4.0825
 Long Chord = 286.6950
 Mid. Ord. = 4.0759
 P.C. Station = 876+96.16 N 1,895,970.9201 E 1,137,904.2959
 P.T. Station = 879+83.01 N 1,895,976.1848 E 1,138,190.9425
 C.C. = N 1,898,491.8278 E 1,138,001.3671
 Back = S 87° 47' 41.39" E
 Ahead = N 85° 41' 25.49" E
 Chord Bear = N 88° 56' 52.05" E

Curve Data

Curve E I290 E-9
 P.I. Station = 882+07.25 N 1,895,988.5749 E 1,138,414.8455
 Delta = 6° 45' 34.97" (LT)
 Degree = 1° 30' 32.27"
 Tangent = 224.2456
 Length = 447.9708
 Radius = 3,797.0299
 External = 6.6160
 Long Chord = 447.7111
 Mid. Ord. = 6.6045
 P.C. Station = 879+83.01 N 1,895,976.1848 E 1,138,190.9425
 P.T. Station = 884+30.98 N 1,896,027.2335 E 1,138,635.7337
 C.C. = N 1,899,767.4145 E 1,137,981.1482
 Back = N 86° 49' 57.61" E
 Ahead = N 80° 04' 22.63" E
 Chord Bear = N 83° 27' 10.12" E

Course from PT E I290 E-9 to PC E I290 E-10 N 80° 40' 35.19" E Dist 756.6413

Curve Data

Curve E I290 E-10
 P.I. Station = 893+82.95 N 1,896,183.2643 E 1,139,574.8277
 Delta = 7° 05' 42.40" (RT)
 Degree = 1° 49' 06.52"
 Tangent = 195.3335
 Length = 390.1677
 Radius = 3,150.7566
 External = 6.0491
 Long Chord = 389.9185
 Mid. Ord. = 6.0375
 P.C. Station = 891+87.62 N 1,896,149.8166 E 1,139,382.3791
 P.T. Station = 895+77.79 N 1,896,192.6853 E 1,139,769.9339
 C.C. = N 1,893,045.5954 E 1,139,921.8948
 Back = N 80° 08' 25.60" E
 Ahead = N 87° 14' 07.99" E
 Chord Bear = N 83° 41' 16.79" E

Curve Data

Curve E I290 E-11
 P.I. Station = 897+00.32 N 1,896,199.7159 E 1,139,892.2671
 Delta = 3° 01' 39.97" (RT)
 Degree = 1° 14' 08.73"
 Tangent = 122.5350
 Length = 245.0130
 Radius = 4,636.4864
 External = 1.6189
 Long Chord = 244.9845
 Mid. Ord. = 1.6184
 P.C. Station = 895+77.79 N 1,896,192.6853 E 1,139,769.9339
 P.T. Station = 898+22.80 N 1,896,200.2751 E 1,140,014.8008
 C.C. = N 1,891,563.8370 E 1,140,035.9596
 Back = N 86° 42' 38.73" E
 Ahead = N 89° 44' 18.70" E
 Chord Bear = N 88° 13' 28.71" E

I-290 EB

Course from PT E I290 E-11 to 152 N 88° 38' 12.14" E Dist 1,785.4184

Point 152 N 1,896,242.7533 E 1,141,799.7139 Sta 916+08.22

Course from 152 to 153 N 88° 41' 27.67" E Dist 1,569.7732

Point 153 N 1,896,278.6133 E 1,143,369.0774 Sta 931+77.99

Course from 153 to 154 N 88° 41' 54.94" E Dist 1,098.8350

Point 154 N 1,896,303.5698 E 1,144,467.6289 Sta 942+76.82

Course from 154 to PC E I290 E-12 N 88° 14' 19.36" E Dist 390.8488

Curve Data

Curve E I290 E-12
 P.I. Station = 950+73.85 N 1,896,334.9802 E 1,145,264.0036
 Delta = 0° 07' 22.68" (RT)
 Degree = 0° 00' 54.49"
 Tangent = 406.1740
 Length = 812.3476
 Radius = 378,510.8663
 External = 0.2179
 Long Chord = 812.3475
 Mid. Ord. = 0.2179
 P.C. Station = 946+67.67 N 1,896,315.5827 E 1,144,858.2931
 P.T. Station = 954+80.02 N 1,896,353.5069 E 1,145,669.7548
 C.C. = N 1,518,236.5948 E 1,162,934.6519
 Back = N 87° 15' 45.76" E
 Ahead = N 87° 23' 08.44" E
 Chord Bear = N 87° 19' 27.10" E

Curve Data

Curve E I290 E-13
 P.I. Station = 955+55.58 N 1,896,358.0712 E 1,145,745.1771
 Delta = 0° 36' 57.58" (LT)
 Degree = 0° 24' 27.44"
 Tangent = 75.5602
 Length = 151.1190
 Radius = 14,056.1279
 External = 0.2031
 Long Chord = 151.1183
 Mid. Ord. = 0.2031
 P.C. Station = 954+80.02 N 1,896,353.5069 E 1,145,669.7548
 P.T. Station = 956+31.14 N 1,896,363.4461 E 1,145,820.5459
 C.C. = N 1,910,383.9665 E 1,144,820.6763
 Back = N 86° 32' 12.72" E
 Ahead = N 85° 55' 15.14" E
 Chord Bear = N 86° 13' 43.93" E

Course from PT E I290 E-13 to PC E I290 E-14 N 84° 42' 55.22" E Dist 36.6383

Curve Data

Curve E I290 E-14
 P.I. Station = 958+90.92 N 1,896,389.5771 E 1,146,079.0101
 Delta = 14° 00' 29.73" (LT)
 Degree = 3° 09' 16.39"
 Tangent = 223.1450
 Length = 444.0648
 Radius = 1,816.2883
 External = 13.6562
 Long Chord = 442.9596
 Mid. Ord. = 13.5543
 P.C. Station = 956+67.78 N 1,896,366.8206 E 1,145,857.0285
 P.T. Station = 961+11.84 N 1,896,465.3901 E 1,146,288.8818
 C.C. = N 1,898,173.6395 E 1,145,671.8021
 Back = N 84° 08' 48.33" E
 Ahead = N 70° 08' 18.60" E
 Chord Bear = N 77° 08' 33.47" E

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN CURVE DATA			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLDT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 9	OF 18 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

I-290 EB

Curve Data

Curve E I290 E-15
 P.I. Station 963+35.57 N 1,896,539.3106 E 1,146,500.0456
 Delta = 13° 47' 01.06" (LT)
 Degree = 3° 05' 43.37"
 Tangent = 223.7284
 Length = 445.2968
 Radius = 1,851.0096
 External = 13.4718
 Long Chord = 444.2237
 Mid. Ord. = 13.3745
 P.C. Station 961+11.84 N 1,896,465.3901 E 1,146,288.8818
 P.T. Station 965+57.14 N 1,896,661.4134 E 1,146,687.5164
 C.C. = N 1,898,212.4471 E 1,145,677.3031
 Back = N 70° 42' 24.40" E
 Ahead = N 56° 55' 23.35" E
 Chord Bear = N 63° 48' 53.87" E

Course from PT E I290 E-15 to PC E I290 E-16 N 56° 35' 05.90" E Dist 186.6025

Curve Data

Curve E I290 E-16
 P.I. Station 968+99.65 N 1,896,853.0865 E 1,146,971.3497
 Delta = 7° 06' 48.37" (RT)
 Degree = 2° 17' 03.01"
 Tangent = 155.9119
 Length = 311.4231
 Radius = 2,508.3846
 External = 4.8408
 Long Chord = 311.2232
 Mid. Ord. = 4.8315
 P.C. Station 967+43.74 N 1,896,764.1754 E 1,146,843.2742
 P.T. Station 970+55.17 N 1,896,925.4532 E 1,147,109.4496
 C.C. = N 1,894,703.6362 E 1,148,273.7189
 Back = N 55° 13' 52.58" E
 Ahead = N 62° 20' 40.95" E
 Chord Bear = N 58° 47' 16.76" E

Course from PT E I290 E-16 to PC E I290 E-17 N 65° 02' 33.53" E Dist 87.8110

Curve Data

Curve E I290 E-17
 P.I. Station 973+70.89 N 1,897,053.6237 E 1,147,397.9698
 Delta = 12° 32' 00.27" (RT)
 Degree = 2° 45' 38.11"
 Tangent = 227.9159
 Length = 454.0126
 Radius = 2,075.4931
 External = 12.4765
 Long Chord = 453.1079
 Mid. Ord. = 12.4020
 P.C. Station 971+42.98 N 1,896,962.5044 E 1,147,189.0610
 P.T. Station 975+96.99 N 1,897,097.2364 E 1,147,621.6740
 C.C. = N 1,895,060.0964 E 1,148,018.8293
 Back = N 66° 26' 05.07" E
 Ahead = N 78° 58' 05.34" E
 Chord Bear = N 72° 42' 05.21" E

Curve Data

Curve E I290 E-18
 P.I. Station 977+37.33 N 1,897,123.0057 E 1,147,759.6235
 Delta = 8° 23' 13.78" (RT)
 Degree = 2° 59' 36.95"
 Tangent = 140.3357
 Length = 280.1700
 Radius = 1,913.9443
 External = 5.1380
 Long Chord = 279.9200
 Mid. Ord. = 5.1242
 P.C. Station 975+96.99 N 1,897,097.2364 E 1,147,621.6740
 P.T. Station 978+77.16 N 1,897,128.3778 E 1,147,899.8564
 C.C. = N 1,895,215.8364 E 1,147,973.1232
 Back = N 79° 25' 08.36" E
 Ahead = N 87° 48' 22.14" E
 Chord Bear = N 83° 36' 45.25" E

I-290 EB

Course from PT E I290 E-18 to 155 N 88° 28' 14.41" E Dist 553.7348

Point 155 N 1,897,143.1562 E 1,148,453.3939 Sta 984+30.89

Course from 155 to 156 N 88° 39' 15.79" E Dist 1,332.6862

Point 156 N 1,897,174.4520 E 1,149,785.7126 Sta 997+63.58

Course from 156 to 157 N 88° 39' 54.28" E Dist 683.6133

Point 157 N 1,897,190.3779 E 1,150,469.1403 Sta 1004+47.19

Course from 157 to 158 N 88° 39' 05.99" E Dist 743.5806

Point 158 N 1,897,207.8750 E 1,151,212.5151 Sta 1011+90.77

Course from 158 to 159 N 88° 40' 01.62" E Dist 171.7491

Point 159 N 1,897,211.8700 E 1,151,384.2177 Sta 1013+62.52

Course from 159 to 160 N 88° 38' 04.27" E Dist 1,055.6224

Point 160 N 1,897,237.0254 E 1,152,439.5404 Sta 1024+18.15

Course from 160 to 161 N 88° 38' 15.64" E Dist 1,390.2917

Point 161 N 1,897,270.0792 E 1,153,829.4391 Sta 1038+08.44

Course from 161 to PC E I290 E-19 N 88° 38' 16.38" E Dist 368.6097

Curve Data

Curve E I290 E-19
 P.I. Station 1044+80.07 N 1,897,290.5499 E 1,154,500.7372
 Delta = 7° 45' 11.76" (LT)
 Degree = 1° 16' 52.66"
 Tangent = 303.0188
 Length = 605.1125
 Radius = 4,471.7140
 External = 10.2550
 Long Chord = 604.6509
 Mid. Ord. = 10.2316
 P.C. Station 1041+77.05 N 1,897,278.8415 E 1,154,197.9446
 P.T. Station 1047+82.16 N 1,897,343.0002 E 1,154,799.1821
 C.C. = N 1,901,747.2162 E 1,154,025.1614
 Back = N 87° 47' 08.12" E
 Ahead = N 80° 01' 56.36" E
 Chord Bear = N 83° 54' 32.24" E

Course from PT E I290 E-19 to 162 N 78° 40' 41.61" E Dist 292.6393

Point 162 N 1,897,400.4508 E 1,155,086.1266 Sta 1050+74.80

Course from 162 to 163 N 78° 36' 30.27" E Dist 712.3373

Point 163 N 1,897,541.1470 E 1,155,784.4309 Sta 1057+87.14

Course from 163 to PC E I290 E-20 N 78° 36' 30.88" E Dist 493.5337

Curve Data

Curve E I290 E-20
 P.I. Station 1063+58.63 N 1,897,652.8245 E 1,156,344.8989
 Delta = 1° 13' 03.38" (RT)
 Degree = 0° 46' 51.39"
 Tangent = 77.9605
 Length = 155.9152
 Radius = 7,336.7554
 External = 0.4142
 Long Chord = 155.9122
 Mid. Ord. = 0.4142
 P.C. Station 1062+80.67 N 1,897,638.6252 E 1,156,268.2424
 P.T. Station 1064+36.59 N 1,897,665.3917 E 1,156,421.8398
 C.C. = N 1,890,424.5875 E 1,157,604.5206
 Back = N 79° 30' 21.14" E
 Ahead = N 80° 43' 24.52" E
 Chord Bear = N 80° 06' 52.83" E

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN CURVE DATA	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\expln_ABC_C3_298_ML_Data_exalign_15.dgn	DRAWN - DMS	REVISED -				290	(2727, ETC., 313)RS-7	COOK	216	30
USER NAME = jma_jwaki	CHECKED - CAR	REVISED -				CONTRACT NO. 60G53				
PLOT DATE = 1/25/2010	DATE = 1/25/10	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
			SCALE: N.T.S.	SHEET NO. 10 OF 18 SHEETS	STA. TO STA.					

I-290 EB

Curve Data

Curve E I290 E-21
 P.I. Station 1065+93.25 N 1,897,690.6453 E 1,156,576.4518
 Delta = 2° 26' 47.35" (RT)
 Degree = 0° 46' 51.39"
 Tangent = 156.6608
 Length = 313.2739
 Radius = 7,336.7554
 External = 1.6724
 Long Chord = 313.2502
 Mid. Ord. = 1.6720
 P.C. Station 1064+36.59 N 1,897,665.3917 E 1,156,421.8398
 P.T. Station 1067+49.86 N 1,897,709.2761 E 1,156,732.0008
 C.C. = N 1,890,424.5875 E 1,157,604.5206
 Back = N 80° 43' 24.52" E
 Ahead = N 83° 10' 11.87" E
 Chord Bear = N 81° 56' 48.20" E

Curve Data

Curve E I290 E-22
 P.I. Station 1071+59.08 N 1,897,760.3788 E 1,157,138.0223
 Delta = 6° 44' 12.01" (RT)
 Degree = 0° 49' 26.58"
 Tangent = 409.2248
 Length = 817.5065
 Radius = 6,952.9422
 External = 12.0323
 Long Chord = 817.0357
 Mid. Ord. = 12.0115
 P.C. Station 1067+49.86 N 1,897,709.2761 E 1,156,732.0008
 P.T. Station 1075+67.37 N 1,897,763.4997 E 1,157,547.2352
 C.C. = N 1,890,810.7598 E 1,157,600.2618
 Back = N 82° 49' 34.90" E
 Ahead = N 89° 33' 46.91" E
 Chord Bear = N 86° 11' 40.90" E

Course from PT E I290 E-22 to 164 N 88° 40' 12.06" E Dist 285.4230

Point 164 N 1,897,770.1246 E 1,157,832.5813 Sta 1078+52.79

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN CURVE DATA	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\exp\in\ABC\C3.290.ML.Data\exalign.16.dgn	DRAWN - DMS	REVISED -				290	(2727, ETC., 3131)RS-7	COOK	216	31
USER NAME = jhojwsk1	CHECKED - CAR	REVISED -				CONTRACT NO. 60653				
PLOT DATE = 1/25/2010	DATE - 10/16/09	REVISED -				SCALE: N.T.S.	SHEET NO. 16 OF 33 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

I-290 WB

Curve Data

Course from 305 to PC E I290 F-16 S 88° 02' 12.67" E Dist 734.3420
 Curve E I290 F-16
 P.I. Station = 881+85.66 N 1,896,056.7392 E 1,138,390.7748
 Delta = 11° 24' 45.21" (LT)
 Degree = 1° 32' 39.70"
 Tangent = 370.7178
 Length = 738.9826
 Radius = 3,710.0000
 External = 18.4758
 Long Chord = 737.7616
 Mid. Ord. = 18.3842
 P.C. Station = 878+14.94 N 1,896,069.4388 E 1,138,020.2745
 P.T. Station = 885+53.93 N 1,896,117.6025 E 1,138,756.4623
 C.C. = N 1,899,777.2613 E 1,138,147.3667
 Back = S 88° 02' 12.67" E
 Ahead = N 80° 33' 02.12" E
 Chord Bear = N 86° 15' 24.72" E

Course from PT E I290 F-16 to PC E I290 F-17 N 80° 33' 02.12" E Dist 707.3161

Curve Data

Curve E I290 F-17
 P.I. Station = 896+59.77 N 1,896,299.1559 E 1,139,847.2987
 Delta = 8° 07' 22.90" (RT)
 Degree = 1° 01' 15.04"
 Tangent = 398.5255
 Length = 795.7155
 Radius = 5,612.5800
 External = 14.1310
 Long Chord = 795.0493
 Mid. Ord. = 14.0955
 P.C. Station = 892+61.24 N 1,896,233.7273 E 1,139,454.1808
 P.T. Station = 900+56.96 N 1,896,308.3808 E 1,140,245.7175
 C.C. = N 1,890,697.3047 E 1,140,375.6357
 Back = N 80° 33' 02.12" E
 Ahead = N 88° 40' 25.02" E
 Chord Bear = N 84° 36' 43.57" E

Course from PT E I290 F-17 to PC E I290 F-18 N 88° 40' 25.02" E Dist 5,356.1385

Curve Data

Curve E I290 F-18
 P.I. Station = 959+32.92 N 1,896,444.3959 E 1,146,120.1076
 Delta = 29° 00' 10.36" (LT)
 Degree = 2° 51' 02.90"
 Tangent = 519.8261
 Length = 1,017.3572
 Radius = 2,009.8100
 External = 66.1369
 Long Chord = 1,006.5302
 Mid. Ord. = 64.0298
 P.C. Station = 954+13.10 N 1,896,432.3631 E 1,145,600.4208
 P.T. Station = 964+30.45 N 1,896,706.8917 E 1,146,568.7891
 C.C. = N 1,898,441.6346 E 1,145,553.8983
 Back = N 88° 40' 25.02" E
 Ahead = N 59° 40' 14.66" E
 Chord Bear = N 74° 10' 19.84" E

Curve Data

Curve E I290 F-19
 P.I. Station = 965+33.51 N 1,896,758.9301 E 1,146,657.7379
 Delta = 4° 56' 05.60" (LT)
 Degree = 2° 23' 44.99"
 Tangent = 103.0529
 Length = 205.9784
 Radius = 2,391.4800
 External = 2.2193
 Long Chord = 205.9147
 Mid. Ord. = 2.2173
 P.C. Station = 964+30.45 N 1,896,706.8917 E 1,146,568.7891
 P.T. Station = 966+36.43 N 1,896,818.4274 E 1,146,741.8805
 C.C. = N 1,898,771.0684 E 1,145,361.1670
 Back = N 59° 40' 14.66" E
 Ahead = N 54° 44' 09.05" E
 Chord Bear = N 57° 12' 11.85" E

I-290 WB

Curve Data

Curve E I290 F-20
 P.I. Station = 968+20.83 N 1,896,924.8868 E 1,146,892.4382
 Delta = 7° 55' 19.28" (RT)
 Degree = 2° 09' 05.58"
 Tangent = 184.3942
 Length = 368.2007
 Radius = 2,663.0000
 External = 6.3764
 Long Chord = 367.9075
 Mid. Ord. = 6.3611
 P.C. Station = 966+36.43 N 1,896,818.4274 E 1,146,741.8805
 P.T. Station = 970+04.63 N 1,897,009.5796 E 1,147,056.2318
 C.C. = N 1,894,644.0906 E 1,148,279.3553
 Back = N 54° 44' 09.05" E
 Ahead = N 62° 39' 28.33" E
 Chord Bear = N 58° 41' 48.69" E

Curve Data

Curve E I290 F-21
 P.I. Station = 974+65.18 N 1,897,221.1117 E 1,147,465.3295
 Delta = 26° 01' 24.53" (RT)
 Degree = 2° 52' 29.46"
 Tangent = 460.5505
 Length = 905.2115
 Radius = 1,993.0000
 External = 52.5209
 Long Chord = 897.4507
 Mid. Ord. = 51.1724
 P.C. Station = 970+04.63 N 1,897,009.5796 E 1,147,056.2318
 P.T. Station = 979+09.84 N 1,897,231.7103 E 1,147,925.7580
 C.C. = N 1,895,239.2381 E 1,147,971.6224
 Back = N 62° 39' 28.33" E
 Ahead = N 88° 40' 52.86" E
 Chord Bear = N 75° 40' 10.60" E

Course from PT E I290 F-21 to 306 N 88° 40' 52.86" E Dist 203.1987

Point 306 N 1,897,236.3864 E 1,148,128.9029 Sta 981+13.04

Course from 306 to 307 N 88° 41' 07.55" E Dist 321.8663

Point 307 N 1,897,243.7705 E 1,148,450.6845 Sta 984+34.91

Course from 307 to 308 N 88° 37' 52.52" E Dist 1,332.6150

Point 308 N 1,897,275.6025 E 1,149,782.9193 Sta 997+67.52

Course from 308 to 309 N 88° 36' 36.82" E Dist 684.8989

Point 309 N 1,897,292.2139 E 1,150,467.6167 Sta 1004+52.42

Course from 309 to 310 N 88° 34' 17.76" E Dist 741.6989

Point 310 N 1,897,310.7027 E 1,151,209.0852 Sta 1011+94.12

Course from 310 to 311 N 88° 34' 17.76" E Dist 115.3063

Point 311 N 1,897,313.5771 E 1,151,324.3557 Sta 1013+09.43

Course from 311 to 312 N 88° 41' 54.85" E Dist 1,115.5075

Point 312 N 1,897,338.9128 E 1,152,439.5754 Sta 1024+24.94

Course from 312 to PC E I290 F-22 N 88° 38' 15.64" E Dist 1,737.2260

FILE NAME =	DESIGNED - CAG	REVISED -
...\\expIn_ABC_C3_298_ML_Data_exalign_18.dgn	DRAWN - DWS	REVISED -
USER NAME = tblank	CHECKED - CAR	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
CURVE DATA**

SCALE: N.T.S. SHEET NO. 12 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	32
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	

I-290 WB

Curve Data

Curve E I290 F-22
 P.I. Station = 1044+95.40 N 1,897,388.1375 E 1,154,509.4509
 Delta = 10° 01' 23.80" (LT)
 Degree = 1° 30' 28.02"
 Tangent = 333.2348
 Length = 664.7689
 Radius = 3,800.0000
 External = 14.5833
 Long Chord = 663.9216
 Mid. Ord. = 14.5275
 P.C. Station = 1041+62.16 N 1,897,380.2149 E 1,154,176.3103
 P.T. Station = 1048+26.93 N 1,897,453.9217 E 1,154,836.1278
 C.C. = N 1,901,179.1408 E 1,154,085.9662
 Back = N 88° 38' 15.64" E
 Ahead = N 78° 36' 51.84" E
 Chord Bear = N 83° 37' 33.74" E

Course from PT E I290 F-22 to PC E I290 F-23 N 78° 36' 51.84" E Dist 1,726.0600

Curve Data

Curve E I290 F-23
 P.I. Station = 1070+43.69 N 1,897,891.5336 E 1,157,009.2603
 Delta = 9° 45' 19.57" (RT)
 Degree = 0° 59' 47.21"
 Tangent = 490.6964
 Length = 979.0208
 Radius = 5,750.0000
 External = 20.8997
 Long Chord = 977.8386
 Mid. Ord. = 20.8240
 P.C. Station = 1065+52.99 N 1,897,794.6648 E 1,156,528.2204
 P.T. Station = 1075+32.01 N 1,897,905.4929 E 1,157,499.7581
 C.C. = N 1,892,157.8201 E 1,157,663.3333
 Back = N 78° 36' 51.84" E
 Ahead = N 88° 22' 11.41" E
 Chord Bear = N 83° 29' 31.63" E

Curve Data

Curve E I290 F-24
 P.I. Station = 1075+90.74 N 1,897,907.1635 E 1,157,558.4586
 Delta = 0° 27' 57.11" (LT)
 Degree = 0° 23' 47.96"
 Tangent = 58.7243
 Length = 117.4480
 Radius = 14,444.7008
 External = 0.1194
 Long Chord = 117.4476
 Mid. Ord. = 0.1194
 P.C. Station = 1075+32.01 N 1,897,905.4929 E 1,157,499.7581
 P.T. Station = 1076+49.46 N 1,897,909.3113 E 1,157,617.1436
 C.C. = N 1,912,344.3476 E 1,157,088.8371
 Back = N 88° 22' 11.41" E
 Ahead = N 87° 54' 14.30" E
 Chord Bear = N 88° 08' 12.86" E

Course from PT E I290 F-24 to 313 N 88° 44' 27.48" E Dist 211.8864

Point 313 N 1,897,913.9670 E 1,157,828.9789 Sta 1078+61.35

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN CURVE DATA		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...exp\in_ABC_C3_290_ML_Data_exalign_19.dgn	DRAWN - DMS	REVISED -			290	(2727, ETC., 313)RS-7	COOK	216	33		
USER NAME = tblank	CHECKED - CAR	REVISED -			CONTRACT NO. 60653						
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 13 OF 18 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

RAMP E_CENT_A

Point 10 N 1,896,114.3664 E 1,137,760.4324 Sta 0+00.00
 Course from 10 to PC E CENT A-1 S 89° 49' 15.17" E Dist 425.4326

Curve Data

Curve E CENT A-1
 P.I. Station 5+65.00 N 1,896,112.6001 E 1,138,325.4283
 Delta = 7° 47' 22.16" (LT)
 Degree = 2° 47' 41.70"
 Tangent = 139.5661
 Length = 278.7021
 Radius = 2,050.0000
 External = 4.7454
 Long Chord = 278.4875
 Mid. Ord. = 4.7344
 P.C. Station 4+25.43 N 1,896,113.0364 E 1,138,185.8629
 P.T. Station 7+04.13 N 1,896,131.0837 E 1,138,463.7650
 C.C. N 1,898,163.0264 E 1,138,192.2717
 Back = S 89° 49' 15.17" E
 Ahead = N 82° 23' 22.67" E
 Chord Bear = N 86° 17' 03.75" E

Curve Data

Curve E CENT A-2
 P.I. Station 8+96.80 N 1,896,156.5992 E 1,138,654.7312
 Delta = 19° 52' 08.38" (LT)
 Degree = 5° 12' 31.35"
 Tangent = 192.6633
 Length = 381.4573
 Radius = 1,100.0000
 External = 16.7449
 Long Chord = 379.5488
 Mid. Ord. = 16.4938
 P.C. Station 7+04.13 N 1,896,131.0837 E 1,138,463.7650
 P.T. Station 10+85.59 N 1,896,245.4996 E 1,138,825.6577
 C.C. N 1,897,221.3944 E 1,138,318.0856
 Back = N 82° 23' 22.67" E
 Ahead = N 62° 31' 14.29" E
 Chord Bear = N 72° 27' 18.48" E

Course from PT E CENT A-2 to 11 N 62° 31' 14.29" E Dist 302.2150

Point 11 N 1,896,384.9504 E 1,139,093.7759 Sta 13+87.81

RAMP E_CENT_B

Point 1540 N 1,895,936.2919 E 1,137,872.6948 Sta 0+00.00
 Course from 1540 to 1541 S 86° 14' 30.81" E Dist 152.9539

Point 1541 N 1,895,926.2666 E 1,138,025.3198 Sta 1+52.95

Course from 1541 to PC E CENT B-1 S 85° 45' 34.91" E Dist 344.7613

Curve Data

Curve E CENT B-1
 P.I. Station 5+70.06 N 1,895,895.4256 E 1,138,441.2882
 Delta = 8° 22' 04.36" (LT)
 Degree = 5° 47' 35.90"
 Tangent = 72.3489
 Length = 144.4405
 Radius = 989.0000
 External = 2.6428
 Long Chord = 144.3122
 Mid. Ord. = 2.6357
 P.C. Station 4+97.72 N 1,895,900.7751 E 1,138,369.1373
 P.T. Station 6+42.16 N 1,895,900.6331 E 1,138,513.4494
 C.C. N 1,896,887.0679 E 1,138,442.2637
 Back = S 85° 45' 34.91" E
 Ahead = N 85° 52' 20.73" E
 Chord Bear = S 89° 56' 37.09" E

Course from PT E CENT B-1 to 1542 N 85° 52' 20.73" E Dist 625.1657

Point 1542 N 1,895,945.6310 E 1,139,136.9936 Sta 12+67.32

RAMP E_CENT_C

Point 1550 N 1,896,360.6711 E 1,140,973.3560 Sta 0+00.00

Course from 1550 to 1551 N 89° 02' 03.87" W Dist 343.8265

Point 1551 N 1,896,366.4652 E 1,140,629.5783 Sta 3+43.83

Course from 1551 to 1552 N 88° 34' 09.56" W Dist 451.9040

Point 1552 N 1,896,377.7481 E 1,140,177.8152 Sta 7+95.73

Course from 1552 to 1553 N 88° 51' 27.47" W Dist 541.9149

Point 1553 N 1,896,388.5522 E 1,139,636.0080 Sta 13+37.65

RAMP E_CENT_D

Point 1560 N 1,896,185.6071 E 1,140,911.6212 Sta 0+00.00

Course from 1560 to PC E CENT D-1 S 87° 11' 57.03" W Dist 627.8306

Curve Data

Curve E CENT D-1
 P.I. Station 7+92.83 N 1,896,146.8659 E 1,140,119.7339
 Delta = 9° 29' 04.50" (LT)
 Degree = 2° 52' 50.28"
 Tangent = 165.0037
 Length = 329.2535
 Radius = 1,989.0000
 External = 6.8325
 Long Chord = 328.8777
 Mid. Ord. = 6.8091
 P.C. Station 6+27.83 N 1,896,154.9287 E 1,140,284.5405
 P.T. Station 9+57.08 N 1,896,111.7562 E 1,139,958.5088
 C.C. N 1,894,168.3047 E 1,140,381.7313
 Back = S 87° 11' 57.03" W
 Ahead = S 77° 42' 52.53" W
 Chord Bear = S 82° 27' 24.78" W

Course from PT E CENT D-1 to 1561 S 77° 42' 52.53" W Dist 696.7142

Point 1561 N 1,895,963.5082 E 1,139,277.7495 Sta 16+53.80

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN CURVE DATA	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\expin-ABC.C3.298.R.Data.exalign.22.dgn	DRAWN - DMS	REVISED -				290	(2727, ETC., 313)RS-7	COOK	216	34
USER NAME = _majewski	CHECKED - CAR	REVISED -				CONTRACT NO. 60653				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -				SCALE: N.T.S.	SHEET NO. 14 OF 18 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

RAMP E_LARIME_A

Point 1570 N 1,896,421.3826 E 1,143,044.8494 Sta 0+00.00
 Course from 1570 to 1571 N 87° 10' 04.31" W Dist 325.8448
 Point 1571 N 1,896,437.4826 E 1,142,719.4026 Sta 3+25.84
 Course from 1571 to 1572 N 86° 27' 29.36" W Dist 391.2274
 Point 1572 N 1,896,461.6516 E 1,142,328.9224 Sta 7+17.07

RAMP E_LARIME_B

Curve Data

Curve E LARIME B-1
 P.I. Station 1+10.81 N 1,896,214.6004 E 1,142,769.6983
 Delta = 4° 56' 07.44" (LT)
 Degree = 2° 13' 41.92"
 Tangent = 110.8116
 Length = 221.4861
 Radius = 2,571.2647
 External = 2.3867
 Long Chord = 221.4176
 Mid. Ord. = 2.3845
 P.C. Station 0+00.00 N 1,896,219.4346 E 1,142,880.4044
 P.T. Station 2+21.49 N 1,896,200.2598 E 1,142,659.8186
 C.C. = N 1,893,650.6178 E 1,142,992.5764
 Back = S 87° 29' 58.79" W
 Ahead = S 82° 33' 51.35" W
 Chord Bear = S 85° 01' 55.07" W

Course from PT E LARIME B-1 to 1581 S 82° 33' 51.35" W Dist 294.3252

Point 1581 N 1,896,162.1700 E 1,142,367.9685 Sta 5+15.81

RAMP E_CICERO_A

Curve Data

Curve E CICERO A-1
 P.I. Station 0+52.25 N 1,896,434.6065 E 1,143,503.7729
 Delta = 3° 38' 18.52" (LT)
 Degree = 3° 28' 57.71"
 Tangent = 52.2541
 Length = 104.4730
 Radius = 1,645.1556
 External = 0.8296
 Long Chord = 104.4555
 Mid. Ord. = 0.8292
 P.C. Station 0+00.00 N 1,896,432.0042 E 1,143,451.5836
 P.T. Station 1+04.47 N 1,896,440.5154 E 1,143,555.6918
 C.C. = N 1,898,075.1185 E 1,143,369.6547
 Back = N 87° 08' 43.74" E
 Ahead = N 83° 30' 25.21" E
 Chord Bear = N 85° 19' 34.47" E

Course from PT E CICERO A-1 to 1591 N 83° 30' 25.21" E Dist 87.1958

Point 1591 N 1,896,450.3757 E 1,143,642.3282 Sta 1+91.67

Course from 1591 to 1592 N 83° 04' 37.29" E Dist 327.3052

Point 1592 N 1,896,489.8274 E 1,143,967.2471 Sta 5+18.97

RAMP E_CICERO_B

Curve Data

Curve E CICERO B-1
 P.I. Station 0+34.10 N 1,896,231.6495 E 1,143,463.2709
 Delta = 4° 20' 45.21" (RT)
 Degree = 6° 22' 33.61"
 Tangent = 34.0964
 Length = 68.1601
 Radius = 898.6158
 External = 0.6466
 Long Chord = 68.1438
 Mid. Ord. = 0.6462
 P.C. Station 0+00.00 N 1,896,231.1927 E 1,143,429.1776
 P.T. Station 0+68.16 N 1,896,229.5214 E 1,143,497.3009
 C.C. = N 1,895,332.6575 E 1,143,441.2168
 Back = N 89° 13' 56.48" E
 Ahead = S 86° 25' 18.30" E
 Chord Bear = S 88° 35' 40.91" E

Course from PT E CICERO B-1 to 1601 S 86° 09' 45.46" E Dist 549.4596

Point 1601 N 1,896,192.7490 E 1,144,045.5286 Sta 6+17.62

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN CURVE DATA	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\exp\in.ABC.C3.298.R.Data.exalign.23.dgn	DRAWN - DMS	REVISED -				290	(2727, ETC., 313)RS-7	COOK	216	35
USER NAME = jmojewski	CHECKED - CAR	REVISED -				CONTRACT NO. 60653				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -				SCALE: N.T.S.	SHEET NO. 15 OF 18 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

RAMP E_KSTNR_A

Point 1610 N 1,897,285.1989 E 1,148,449.3379 Sta 0+00.00
 Course from 1610 to 1611 N 88° 09' 59.64" W Dist 144.7266
 Point 1611 N 1,897,289.8293 E 1,148,304.6854 Sta 1+44.73
 Course from 1611 to 1612 N 88° 57' 00.91" W Dist 447.7352
 Point 1612 N 1,897,298.0321 E 1,147,857.0254 Sta 5+92.46
 Course from 1612 to PC E KSTNR A-1 N 89° 01' 59.91" W Dist 338.5378

Curve Data

Curve E KSTNR A-1
 P.I. Station 9+84.90 N 1,897,304.6530 E 1,147,464.6420
 Delta = 7° 42' 33.00" (RT)
 Degree = 7° 09' 43.10"
 Tangent = 53.9015
 Length = 107.6403
 Radius = 800.0000
 External = 1.8138
 Long Chord = 107.5591
 Mid. Ord. = 1.8097
 P.C. Station 9+31.00 N 1,897,303.7436 E 1,147,518.5358
 P.T. Station 10+38.64 N 1,897,312.7837 E 1,147,411.3573
 C.C. N 1,898,103.6297 E 1,147,532.0327
 Back = N 89° 01' 59.91" W
 Ahead = N 81° 19' 26.90" W
 Chord Bear = N 85° 10' 43.41" W

Curve Data

Curve E KSTNR A-2
 P.I. Station 10+54.05 N 1,897,315.1086 E 1,147,396.1214
 Delta = 2° 12' 26.52" (RT)
 Degree = 7° 09' 43.10"
 Tangent = 15.4122
 Length = 30.8207
 Radius = 800.0000
 External = 0.1484
 Long Chord = 30.8188
 Mid. Ord. = 0.1484
 P.C. Station 10+38.64 N 1,897,312.7837 E 1,147,411.3573
 P.T. Station 10+69.46 N 1,897,318.0185 E 1,147,380.9864
 C.C. N 1,898,103.6297 E 1,147,532.0327
 Back = N 81° 19' 26.90" W
 Ahead = N 79° 07' 00.38" W
 Chord Bear = N 80° 13' 13.64" W

RAMP E_KSTNR_B

Curve Data

Curve E KSTNR B-1
 P.I. Station 1+15.44 N 1,897,077.3106 E 1,147,942.1657
 Delta = 4° 43' 00.96" (LT)
 Degree = 2° 02' 39.30"
 Tangent = 115.4359
 Length = 230.7413
 Radius = 2,802.7757
 External = 2.3762
 Long Chord = 230.6761
 Mid. Ord. = 2.3742
 P.C. Station 0+00.00 N 1,897,084.5661 E 1,148,057.3733
 P.T. Station 2+30.74 N 1,897,060.6057 E 1,147,827.9449
 C.C. N 1,894,287.3321 E 1,148,233.5376
 Back = S 86° 23' 46.98" W
 Ahead = S 81° 40' 46.03" W
 Chord Bear = S 84° 02' 16.50" W

Curve Data

Curve E KSTNR B-2
 P.I. Station 2+72.71 N 1,897,054.5319 E 1,147,786.4144
 Delta = 9° 35' 48.62" (LT)
 Degree = 11° 27' 32.96"
 Tangent = 41.9723
 Length = 83.7482
 Radius = 500.0000
 External = 1.7586
 Long Chord = 83.6504
 Mid. Ord. = 1.7524
 P.C. Station 2+30.74 N 1,897,060.6057 E 1,147,827.9449
 P.T. Station 3+14.49 N 1,897,041.6193 E 1,147,746.4778
 C.C. N 1,896,565.8687 E 1,147,900.3005
 Back = S 81° 40' 46.03" W
 Ahead = S 72° 04' 57.40" W
 Chord Bear = S 76° 52' 51.71" W

Curve Data

Curve E KSTNR B-3
 P.I. Station 3+68.55 N 1,897,024.9877 E 1,147,695.0389
 Delta = 3° 37' 02.01" (LT)
 Degree = 3° 20' 47.87"
 Tangent = 54.0607
 Length = 108.0856
 Radius = 1,712.0431
 External = 0.8533
 Long Chord = 108.0676
 Mid. Ord. = 0.8529
 P.C. Station 3+14.49 N 1,897,041.6193 E 1,147,746.4778
 P.T. Station 4+22.58 N 1,897,005.1440 E 1,147,644.7518
 C.C. N 1,895,412.6084 E 1,148,273.1799
 Back = S 72° 04' 57.40" W
 Ahead = S 68° 27' 55.39" W
 Chord Bear = S 70° 16' 26.40" W

Course from PT E KSTNR B-3 to 1621 S 69° 03' 20.47" W Dist 472.8644

Point 1621 N 1,896,836.1137 E 1,147,203.1304 Sta 8+95.44
 Point 1622 N 1,896,836.1137 E 1,147,203.1304 Sta 8+95.44

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN CURVE DATA			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\exp\in_ABC.C3.298.R.Data.exalign_24.dgn	DRAWN - DMS	REVISED -						290	(2727, ETC., 3131)RS-7	COOK	216	36
USER NAME = jmojewski	CHECKED - CAR	REVISED -						CONTRACT NO. 60653				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -						SCALE: N.T.S.	SHEET NO. 16 OF 18 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

RAMP E_INDEP_A

Point 1630 N 1,897,317.2135 E 1,149,847.3555 Sta 0+00.00
 Course from 1630 to PC E INDEP A-1 N 87° 27' 46.83" E Dist 331.4364

Curve Data

Curve E INDEP A-1
 P.I. Station 4+21.99 N 1,897,335.8924 E 1,150,268.9276
 Delta = 5° 11' 04.41" (LT)
 Degree = 2° 51' 53.24"
 Tangent = 90.5494
 Length = 180.9752
 Radius = 2,000.0000
 External = 2.0487
 Long Chord = 180.9135
 Mid. Ord. = 2.0467
 P.C. Station 3+31.44 N 1,897,331.8843 E 1,150,178.4670
 P.T. Station 5+12.41 N 1,897,348.0585 E 1,150,358.6560
 C.C. N 1,899,329.9240 E 1,150,089.9382
 Back = N 87° 27' 46.83" E
 Ahead = N 82° 16' 42.42" E
 Chord Bear = N 84° 52' 14.63" E

Course from PT E INDEP A-1 to 1631 N 82° 16' 42.42" E Dist 395.9644

Point 1631 N 1,897,401.2599 E 1,150,751.0301 Sta 9+08.38

RAMP E_INDEP_B

Point 1640 N 1,897,140.7241 E 1,149,883.6323 Sta 0+00.00

Course from 1640 to 1641 S 87° 35' 47.98" E Dist 214.2116

Point 1641 N 1,897,131.7414 E 1,150,097.6556 Sta 2+14.21

Course from 1641 to 1642 S 87° 19' 06.80" E Dist 373.2440

Point 1642 N 1,897,114.2799 E 1,150,470.4909 Sta 5+87.46

Course from 1642 to 1643 S 87° 09' 11.48" E Dist 377.9244

Point 1643 N 1,897,095.5100 E 1,150,847.9489 Sta 9+65.38

RAMP E_INDEP_C

Point 1650 N 1,897,372.5911 E 1,152,336.9713 Sta 0+00.00

Course from 1650 to 1651 N 85° 34' 27.99" W Dist 342.0589

Point 1651 N 1,897,398.9856 E 1,151,995.9323 Sta 3+42.06

Course from 1651 to 1652 N 85° 25' 46.59" W Dist 353.1759

Point 1652 N 1,897,427.1281 E 1,151,643.8794 Sta 6+95.23

Course from 1652 to 1653 N 81° 23' 00.63" W Dist 51.0087

Point 1653 N 1,897,434.7702 E 1,151,593.4464 Sta 7+46.24

RAMP E_INDEP_D

Curve Data

Curve E INDEP D-1
 P.I. Station 1+34.95 N 1,897,191.0452 E 1,152,310.2632
 Delta = 2° 59' 12.49" (LT)
 Degree = 1° 06' 24.69"
 Tangent = 134.9531
 Length = 269.8452
 Radius = 5,176.4358
 External = 1.7589
 Long Chord = 269.8146
 Mid. Ord. = 1.7583
 P.C. Station 0+00.00 N 1,897,194.2751 E 1,152,445.1777
 P.T. Station 2+69.85 N 1,897,180.7899 E 1,152,175.7003
 C.C. N 1,892,019.3220 E 1,152,569.0666
 Back = S 88° 37' 42.94" W
 Ahead = S 85° 38' 30.46" W
 Chord Bear = S 87° 08' 06.70" W

Course from PT E INDEP D-1 to 1661 S 82° 59' 52.05" W Dist 166.9370

Point 1661 N 1,897,160.4390 E 1,152,010.0084 Sta 4+36.78

Course from 1661 to 1662 S 84° 17' 12.67" W Dist 222.9437

Point 1662 N 1,897,138.2454 E 1,151,788.1722 Sta 6+59.73

Course from 1662 to 1663 S 82° 34' 01.96" W Dist 163.7958

Point 1663 N 1,897,117.0562 E 1,151,625.7527 Sta 8+23.52

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN CURVE DATA			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\exp\in_abc_c3_298_r_data\exalign_25.dgn	DRAWN - DMS	REVISED -						290	(2727, ETC., 3131)RS-7	COOK	216	37
USER NAME = jrajewski	CHECKED - CAR	REVISED -			CONTRACT NO. 60C53							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 17 OF 18 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

RAMP E_HOMAN_A

Curve Data

 Curve E HOMAN A-1
 P.I. Station = 0+32.44 N 1,897,479.7061 E 1,154,098.9317
 Delta = 8° 14' 49.79" (LT)
 Degree = 12° 43' 56.62"
 Tangent = 32.4426
 Length = 64.7731
 Radius = 450.0000
 External = 1.1680
 Long Chord = 64.7172
 Mid. Ord. = 1.1649
 P.C. Station = 0+00.00 N 1,897,483.6045 E 1,154,066.7242
 P.T. Station = 0+64.77 N 1,897,480.4680 E 1,154,131.3653
 C.C. = N 1,897,930.3439 E 1,154,120.7973
 Back = S 83° 05' 54.69" E
 Ahead = N 88° 39' 15.52" E
 Chord Bear = S 87° 13' 19.59" E

 Course from PT E HOMAN A-1 to PC E HOMAN A-2 N 88° 39' 15.52" E Dist 601.7240

Curve Data

 Curve E HOMAN A-2
 P.I. Station = 7+36.77 N 1,897,496.2495 E 1,154,803.1757
 Delta = 10° 02' 23.68" (LT)
 Degree = 7° 09' 43.10"
 Tangent = 70.2717
 Length = 140.1836
 Radius = 800.0000
 External = 3.0804
 Long Chord = 140.0043
 Mid. Ord. = 3.0686
 P.C. Station = 6+66.50 N 1,897,494.5992 E 1,154,732.9234
 P.T. Station = 8+06.68 N 1,897,510.1219 E 1,154,872.0645
 C.C. = N 1,898,294.3786 E 1,154,714.1358
 Back = N 88° 39' 15.52" E
 Ahead = N 78° 36' 51.84" E
 Chord Bear = N 83° 38' 03.68" E

 Course from PT E HOMAN A-2 to PC E HOMAN A-3 N 78° 36' 51.84" E Dist 794.0814

Curve Data

 Curve E HOMAN A-3
 P.I. Station = 18+16.75 N 1,897,709.5203 E 1,155,862.2545
 Delta = 22° 21' 22.36" (LT)
 Degree = 5° 14' 31.44"
 Tangent = 215.9858
 Length = 426.4771
 Radius = 1,093.0000
 External = 21.1359
 Long Chord = 423.7768
 Mid. Ord. = 20.7350
 P.C. Station = 16+00.76 N 1,897,666.8823 E 1,155,650.5191
 P.T. Station = 20+27.24 N 1,897,829.4899 E 1,156,041.8573
 C.C. = N 1,898,738.3730 E 1,155,434.7489
 Back = N 78° 36' 51.84" E
 Ahead = N 56° 15' 29.48" E
 Chord Bear = N 67° 26' 10.66" E

 Course from PT E HOMAN A-3 to 1671 N 56° 15' 29.48" E Dist 270.9531

Point 1671 N 1,897,979.9912 E 1,156,267.1681 Sta 22+98.19

RAMP E_HOMAN_B

Point 1680 N 1,897,421.5450 E 1,156,419.7096 Sta 0+00.00
 Course from 1680 to PC E HOMAN B-1 N 83° 51' 56.85" W Dist 176.9219

Curve Data

 Curve E HOMAN B-1
 P.I. Station = 2+24.15 N 1,897,445.4976 E 1,156,196.8389
 Delta = 3° 02' 23.89" (LT)
 Degree = 3° 13' 07.91"
 Tangent = 47.2322
 Length = 94.4423
 Radius = 1,780.0000
 External = 0.6265
 Long Chord = 94.4312
 Mid. Ord. = 0.6263
 P.C. Station = 1+76.92 N 1,897,440.4504 E 1,156,243.8007
 P.T. Station = 2+71.36 N 1,897,448.0471 E 1,156,149.6755
 C.C. = N 1,895,670.6421 E 1,156,053.5940
 Back = N 83° 51' 56.85" W
 Ahead = N 86° 54' 20.74" W
 Chord Bear = N 85° 23' 08.80" W

 Course from PT E HOMAN B-1 to PC E HOMAN B-2 N 86° 54' 20.74" W Dist 334.0522

Curve Data

 Curve E HOMAN B-2
 P.I. Station = 7+31.39 N 1,897,472.8785 E 1,155,690.3202
 Delta = 14° 21' 35.59" (LT)
 Degree = 5° 43' 46.48"
 Tangent = 125.9738
 Length = 250.6273
 Radius = 1,000.0000
 External = 7.9035
 Long Chord = 249.9719
 Mid. Ord. = 7.8415
 P.C. Station = 6+05.42 N 1,897,466.0787 E 1,155,816.1103
 P.T. Station = 8+56.04 N 1,897,448.2685 E 1,155,566.7737
 C.C. = N 1,896,467.5366 E 1,155,762.1319
 Back = N 86° 54' 20.74" W
 Ahead = S 78° 44' 03.67" W
 Chord Bear = S 85° 54' 51.46" W

 Course from PT E HOMAN B-2 to PC E HOMAN B-3 S 78° 44' 03.67" W Dist 554.8583

Curve Data

 Curve E HOMAN B-3
 P.I. Station = 14+74.84 N 1,897,327.3816 E 1,154,959.9002
 Delta = 5° 28' 18.34" (LT)
 Degree = 4° 16' 55.90"
 Tangent = 63.9383
 Length = 127.7793
 Radius = 1,338.0000
 External = 1.5268
 Long Chord = 127.7308
 Mid. Ord. = 1.5251
 P.C. Station = 14+10.90 N 1,897,339.8724 E 1,155,022.6065
 P.T. Station = 15+38.68 N 1,897,308.9683 E 1,154,898.6707
 C.C. = N 1,896,027.6531 E 1,155,283.9957
 Back = S 78° 44' 03.67" W
 Ahead = S 73° 15' 45.33" W
 Chord Bear = S 75° 59' 54.50" W

 Course from PT E HOMAN B-3 to PC E HOMAN B-4 S 73° 15' 45.33" W Dist 151.8636

RAMP E_HOMAN_B

Curve Data

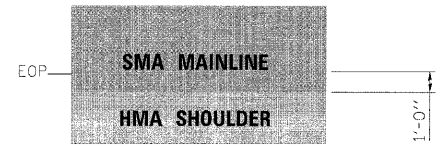
 Curve E HOMAN B-4
 P.I. Station = 18+53.22 N 1,897,218.3864 E 1,154,597.4602
 Delta = 12° 15' 55.00" (RT)
 Degree = 3° 47' 03.83"
 Tangent = 162.6723
 Length = 324.1012
 Radius = 1,514.0000
 External = 8.7141
 Long Chord = 323.4827
 Mid. Ord. = 8.6642
 P.C. Station = 16+90.54 N 1,897,265.2337 E 1,154,753.2409
 P.T. Station = 20+14.65 N 1,897,205.7022 E 1,154,435.2832
 C.C. = N 1,898,715.0926 E 1,154,317.2303
 Back = S 73° 15' 45.33" W
 Ahead = S 85° 31' 40.33" W
 Chord Bear = S 79° 23' 42.83" W

 Course from PT E HOMAN B-4 to PC E HOMAN B-5 S 85° 31' 40.33" W Dist 182.3528

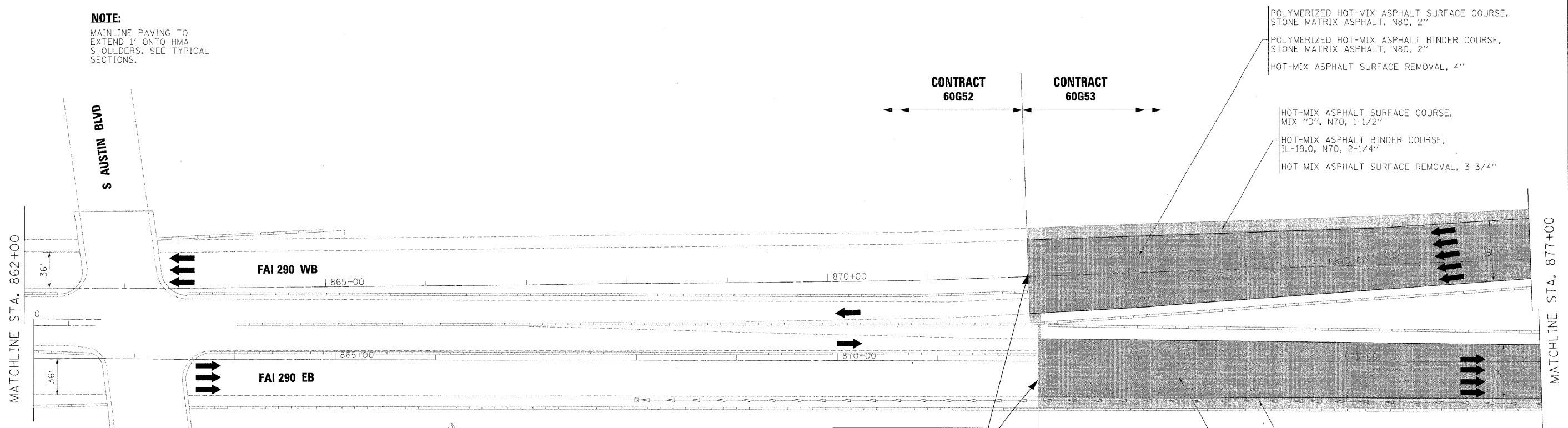
Curve Data

 Curve E HOMAN B-5
 P.I. Station = 22+08.43 N 1,897,190.5924 E 1,154,242.0939
 Delta = 7° 15' 52.46" (LT)
 Degree = 31° 49' 51.56"
 Tangent = 11.4265
 Length = 22.8223
 Radius = 180.0000
 External = 0.3623
 Long Chord = 22.8070
 Mid. Ord. = 0.3616
 P.C. Station = 21+97.00 N 1,897,191.4834 E 1,154,253.4856
 P.T. Station = 22+19.82 N 1,897,188.2681 E 1,154,230.9063
 C.C. = N 1,897,012.0314 E 1,154,267.5209
 Back = S 85° 31' 40.33" W
 Ahead = S 78° 15' 47.87" W
 Chord Bear = S 81° 53' 44.10" W

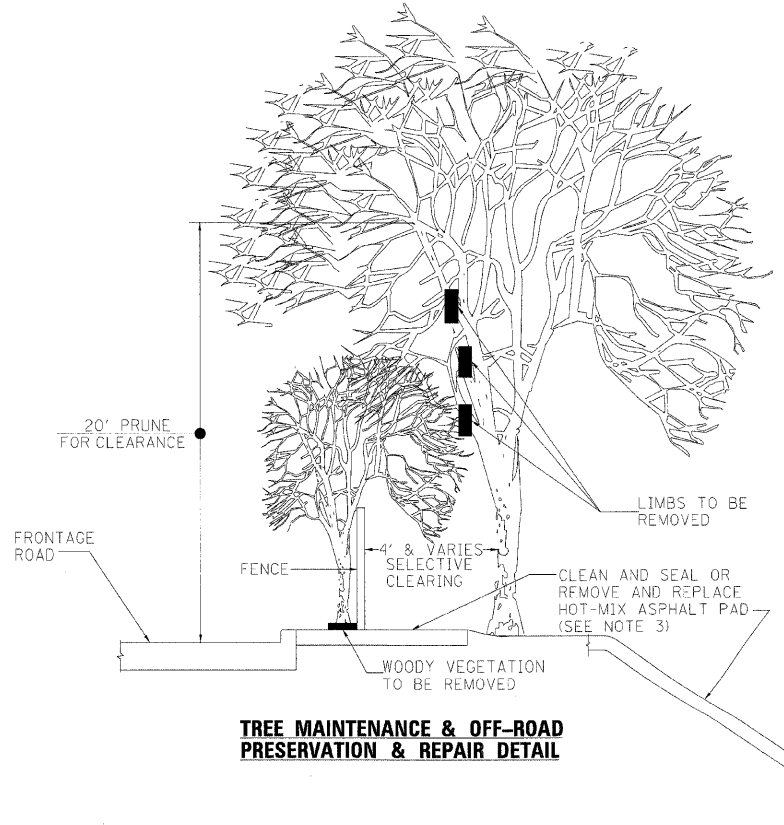
FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN CURVE DATA			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...exp1n_ABC_C3_298_R_Data_exalign_26.sdn	DRAWN - DMS	REVISED -						290	(2727, ETC., 3131)RS-7	COOK	216	38
USER NAME = jma_ewski	CHECKED - CAR	REVISED -						CONTRACT NO. 60653				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -						SCALE: N.T.S.	SHEET NO. 18 OF 18	SHEETS	STA.	TO STA.



NOTE:
MAINLINE PAVING TO EXTEND 1' ONTO HMA SHOULDERS. SEE TYPICAL SECTIONS.



BEGIN IMPROVEMENTS
STA. WB 872+00
STA. EB 872+00



- NOTES:**
1. THE NATIONAL ARBORIST ASSOCIATION'S PRUNING STANDARDS FOR SHADE TREES CLASS II - STANDARD PRUNING SPECIFICATIONS SHALL BE FOLLOWED.
 2. ALL TREES AND SHRUBS OR OTHER WOODY VEGETATION GROWING IN THE FENCE LINE AND ON THE FRONTAGE ROAD SIDE OF THE FENCE SHALL BE CUT FLUSH WITH THE GROUND AND THE STUMPS TREATED WITH A HERBICIDE TO PREVENT RESPROUTING.

3. CLEAN AND SEAL HOT-MIX ASPHALT PAD SHALL BE PAID FOR AS ASPHALTIC EMULSION SLURRY SEAL, FIBER ASPHALT AND BITUMINOUS MATERIALS (PRIME COAT). REMOVE AND REPLACE HOT-MIX ASPHALT PAD SHALL BE PAID FOR AS PAVED SHOULDER REMOVAL (SPECIAL) AND INCIDENTAL HOT-MIX ASPHALT SURFACING (SPECIAL).

TYPICAL APPLICATIONS OF THIS WORK INCLUDE, BUT ARE NOT LIMITED TO, ALL HOT-MIX ASPHALT PADS AT FENCING ALONG FRONTAGE ROADS, ALL HOT-MIX ASPHALT SIDE SLOPES AT EXIT AND ENTRANCE RAMPS AND BRIDGE APPROACHES, AND ALL HOT-MIX ASPHALT PADS AT ENDS OF BARRIER TERMINAL WALLS. FOR LOCATIONS AND EXTENT OF WORK, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND CONTACT RICK WANNER, ROADSIDE DEVELOPMENT ARCHITECT, IDOT ROADSIDE DEVELOPMENT UNIT, AT (847) 705-4172 AT LEAST 72 HOURS PRIOR TO STARTING WORK. THE PAD SHALL BE 4" THICK.

- POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- HOT-MIX ASPHALT SURFACE REMOVAL, 4"

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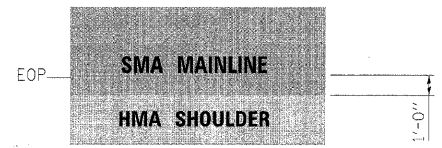
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

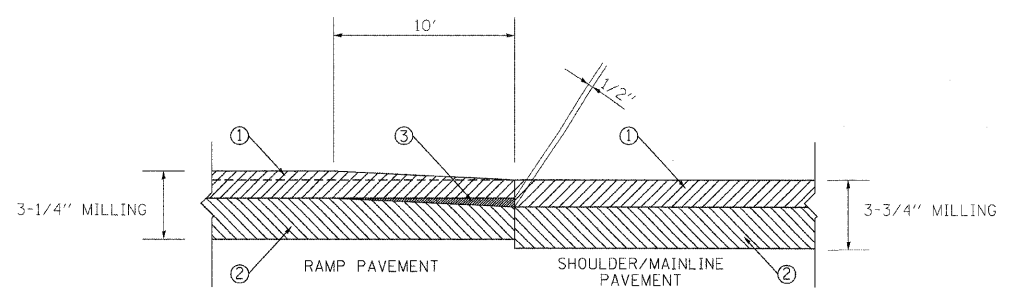
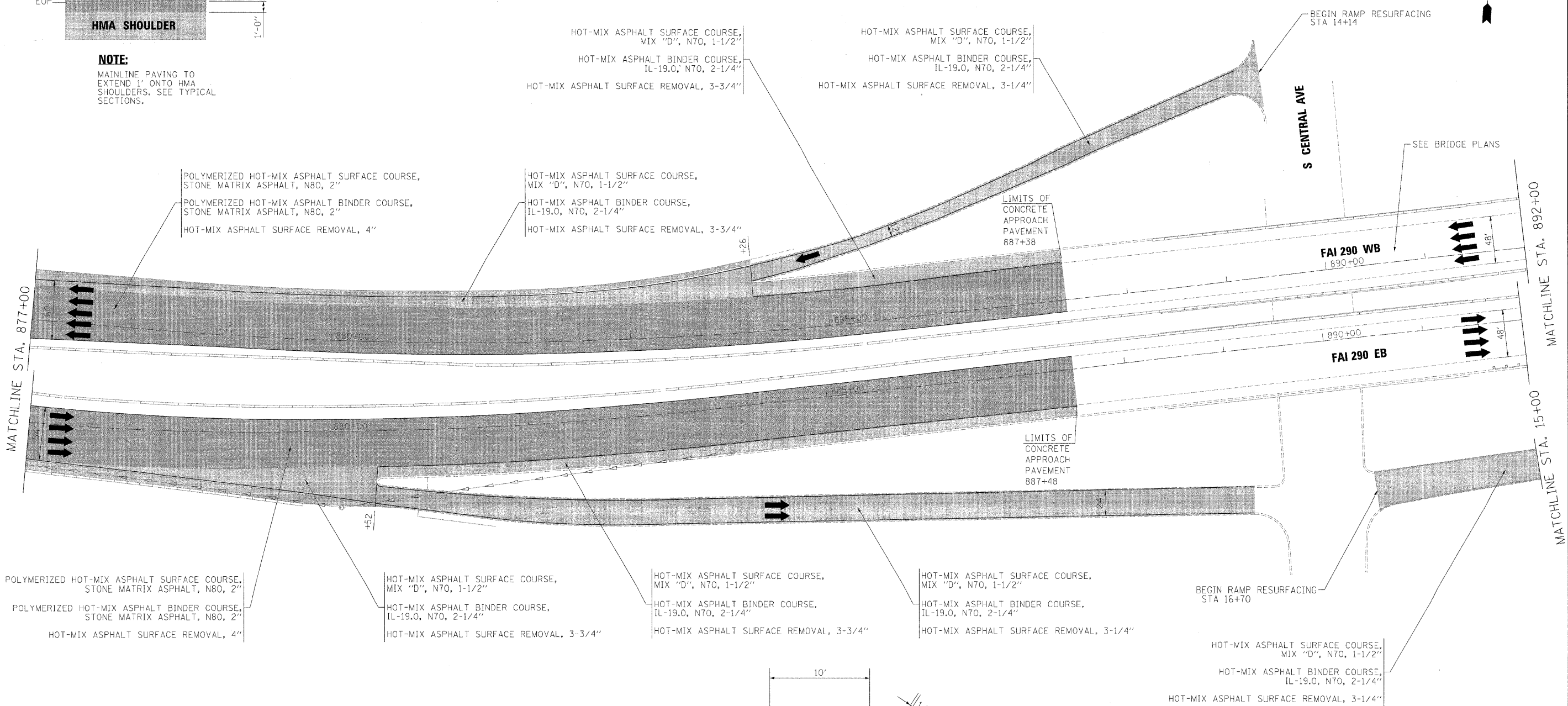
**ROADWAY PLAN
POB TO STA 877+00**

SCALE: 1"=50' SHEET NO. 1 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	39
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60G53	



NOTE:
MAINLINE PAVING TO
EXTEND 1' ONTO HMA
SHOULDERS. SEE TYPICAL
SECTIONS.



- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- ③ HOT-MIX ASPHALT SURFACE REMOVAL BUTT-JOINT (TYPICAL)

RAMP PAVEMENT TRANSITION DETAIL

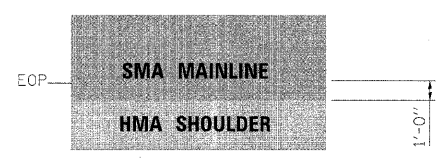
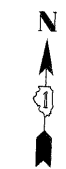
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN	
STA 877+00 TO STA 892+00	
SCALE: 1"=50'	SHEET NO. 2 OF 14 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	40
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60653	

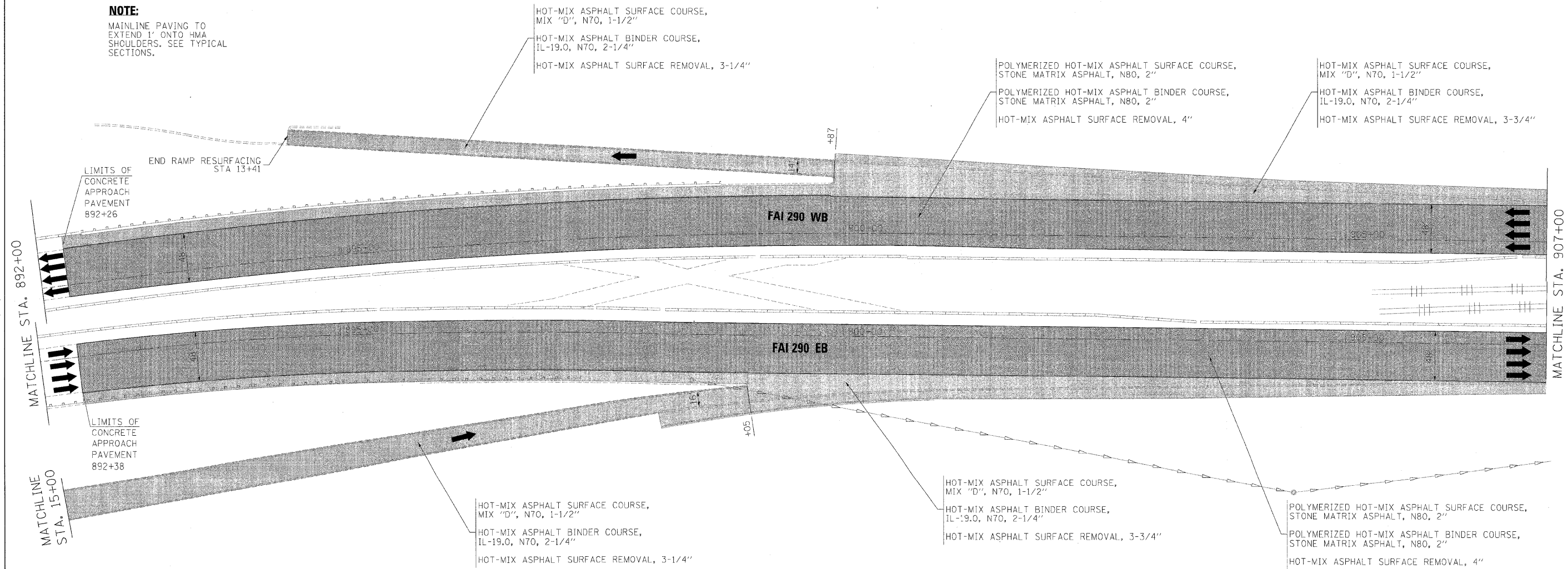


NOTE:
MAINLINE PAVING TO EXTEND 1' ONTO HMA SHOULDERS. SEE TYPICAL SECTIONS.

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/4"

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
HOT-MIX ASPHALT SURFACE REMOVAL, 4"

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"



HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/4"

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
HOT-MIX ASPHALT SURFACE REMOVAL, 4"

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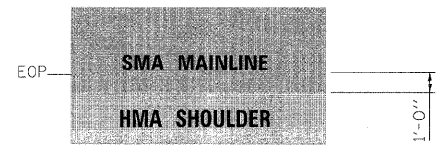
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

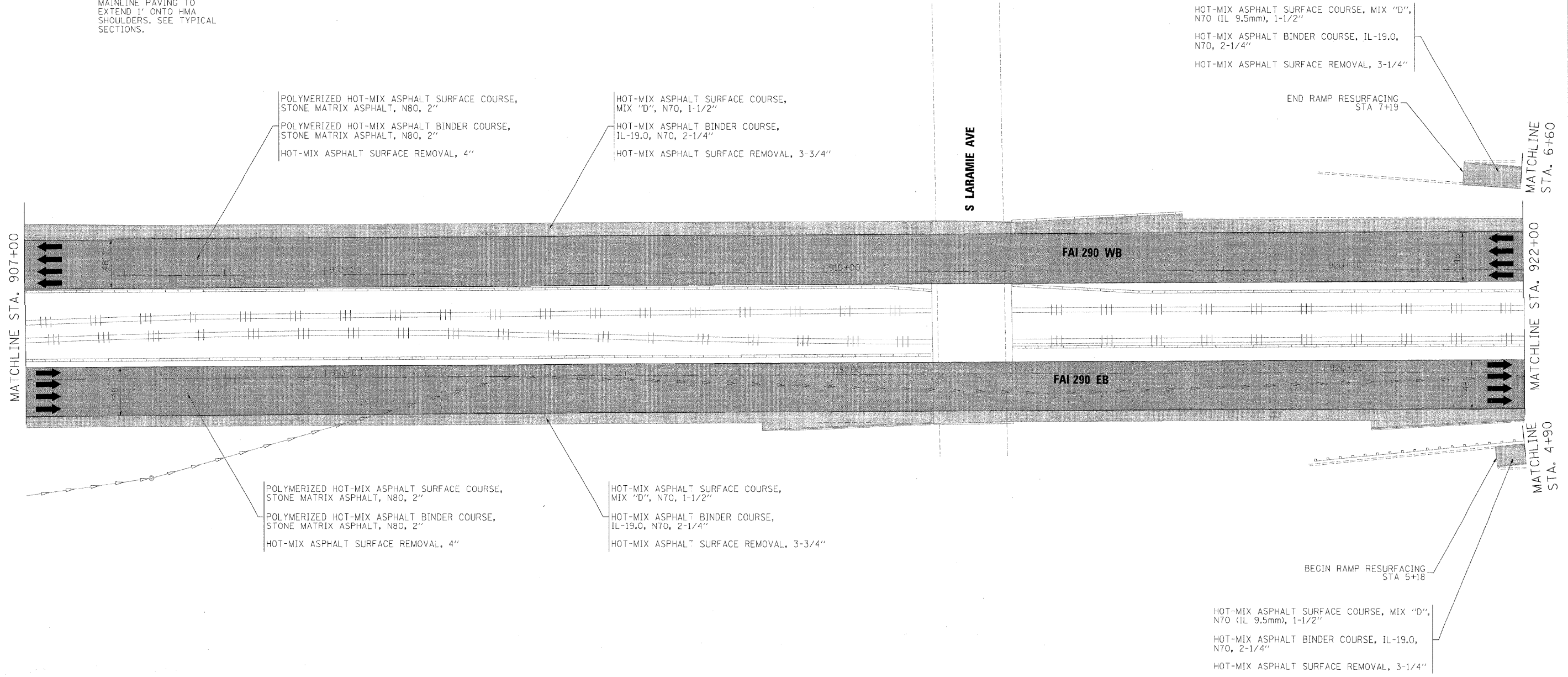
**ROADWAY PLAN
STA 892+00 TO STA 907+00**

SCALE: 1"=50' SHEET NO. 3 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	41
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60653	



NOTE:
 MAINLINE PAVING TO
 EXTEND 1' ONTO HMA
 SHOULDERS. SEE TYPICAL
 SECTIONS.



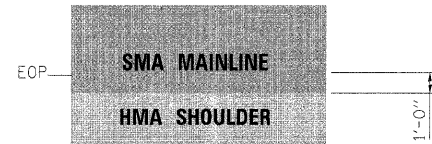
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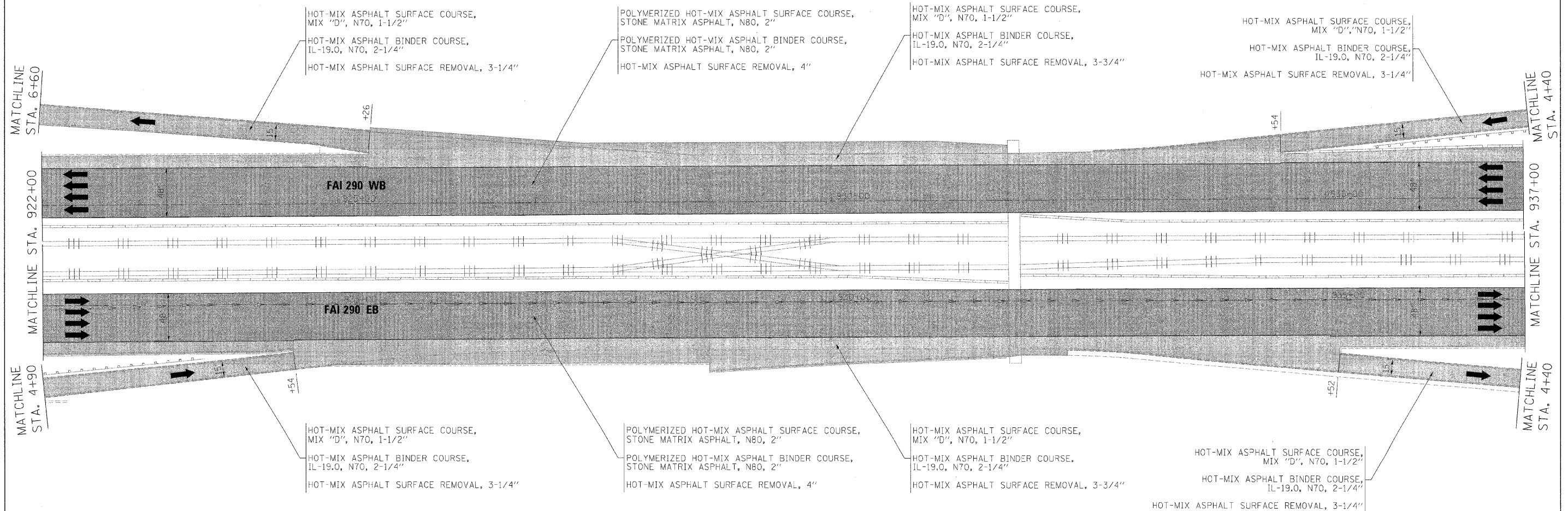
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN		
STA 907+00 TO STA 922+00		
SCALE: 1"=50'	SHEET NO. 4 OF 14 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131RS-7	COOK	216	42
CONTRACT NO. 60G53				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTE:
 MAINLINE PAVING TO
 EXTEND 1' ONTO HMA
 SHOULDERS. SEE TYPICAL
 SECTIONS.



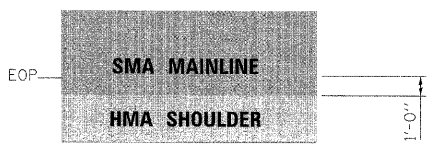
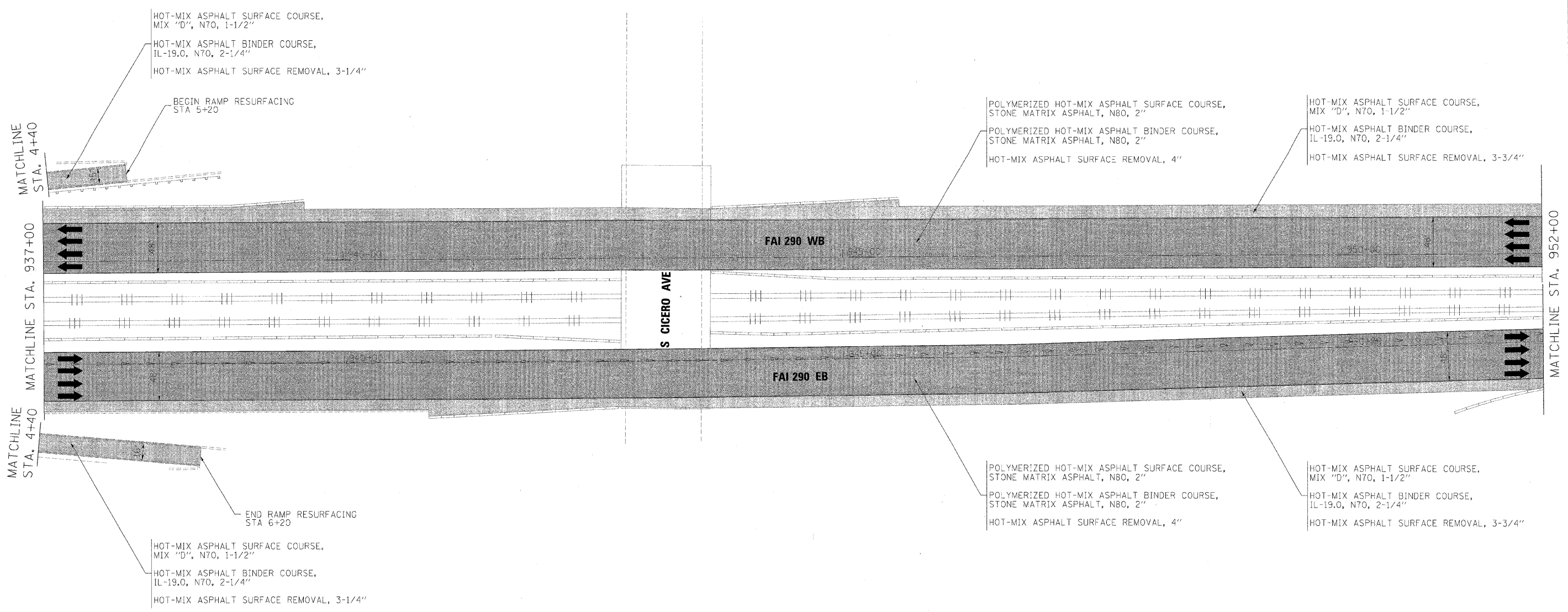
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN		
STA 922+00 TO STA 937+00		
SCALE: 1"=50'	SHEET NO. 5 OF 14 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	43
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60653	



NOTE:
 MAINLINE PAVING TO
 EXTEND 1' ONTO HMA
 SHOULDERS. SEE TYPICAL
 SECTIONS.

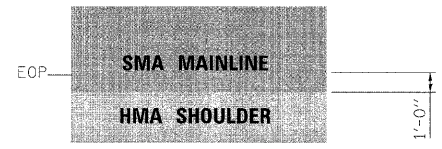
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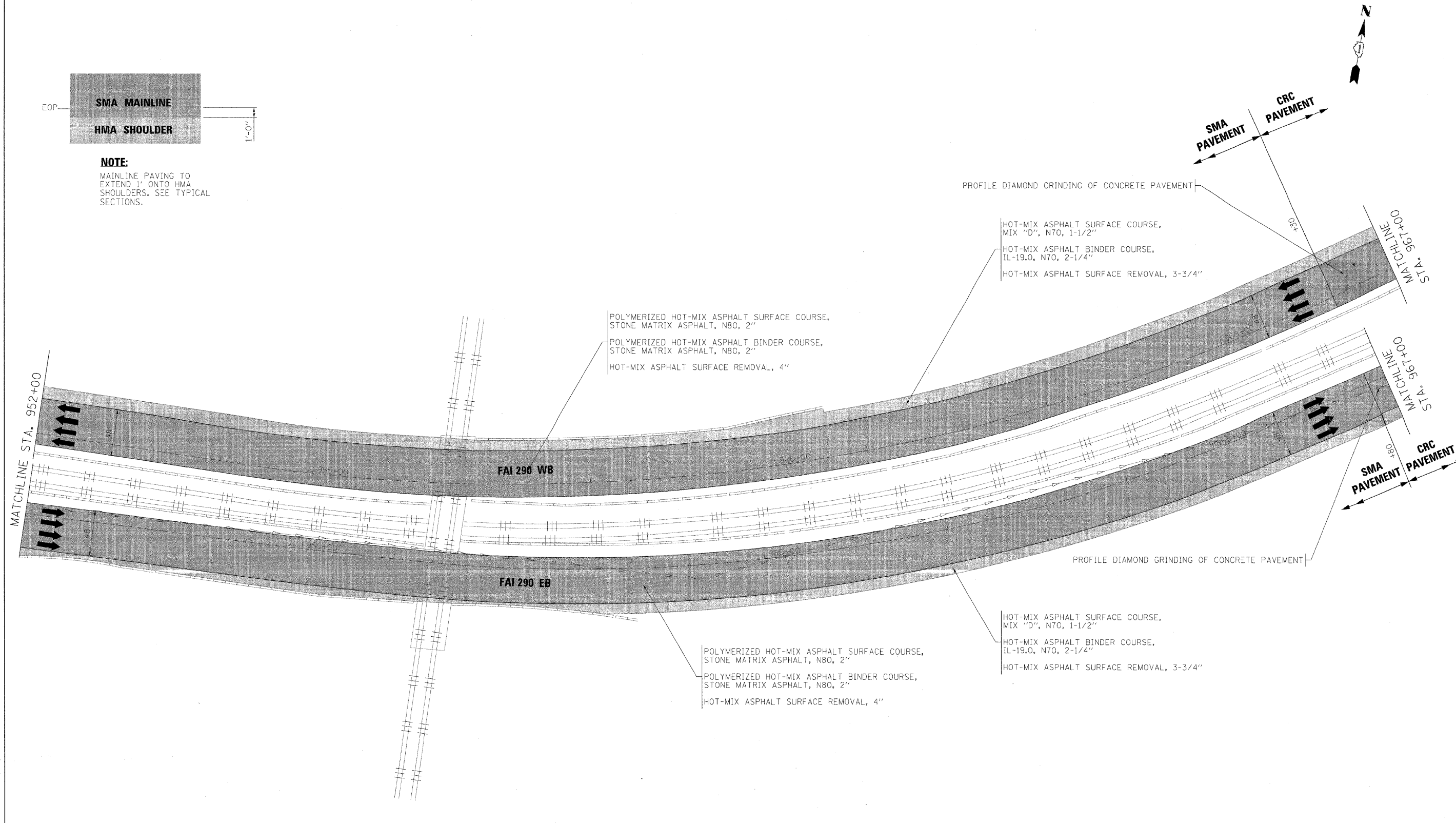
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
 STA 937+00 TO STA 952+00**
 SCALE: 1"=50' SHEET NO. 6 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	44
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60653	



NOTE:
 MAINLINE PAVING TO
 EXTEND 1' ONTO HMA
 SHOULDERS. SEE TYPICAL
 SECTIONS.



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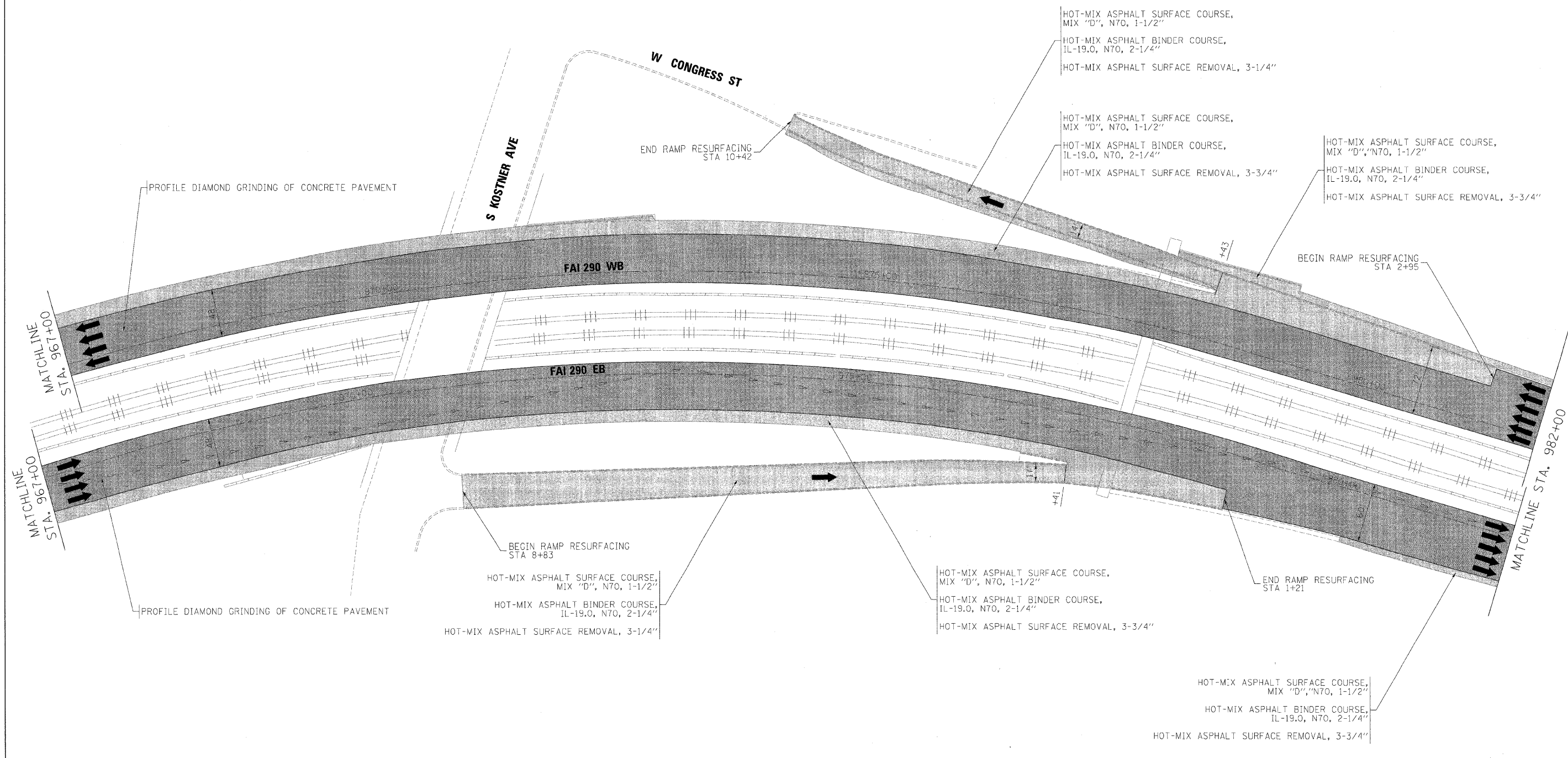
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
 STA 952+00 TO STA 967+00**

SCALE: 1"=50' SHEET NO. 7 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	45
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60653	



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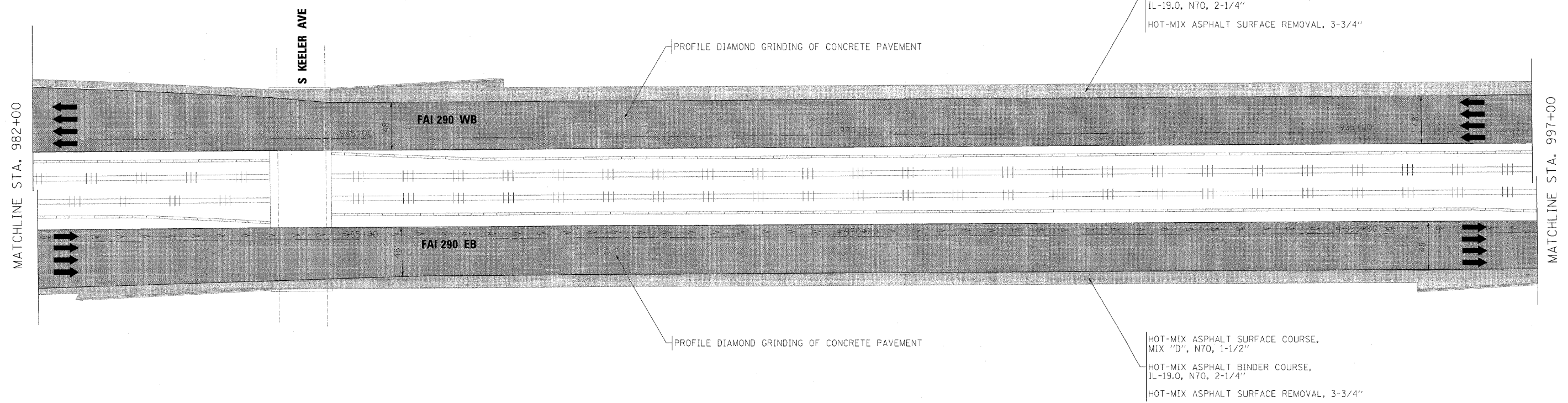
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
STA 967+00 TO STA 982+00**

SCALE: 1"=50' SHEET NO. 8 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	46
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



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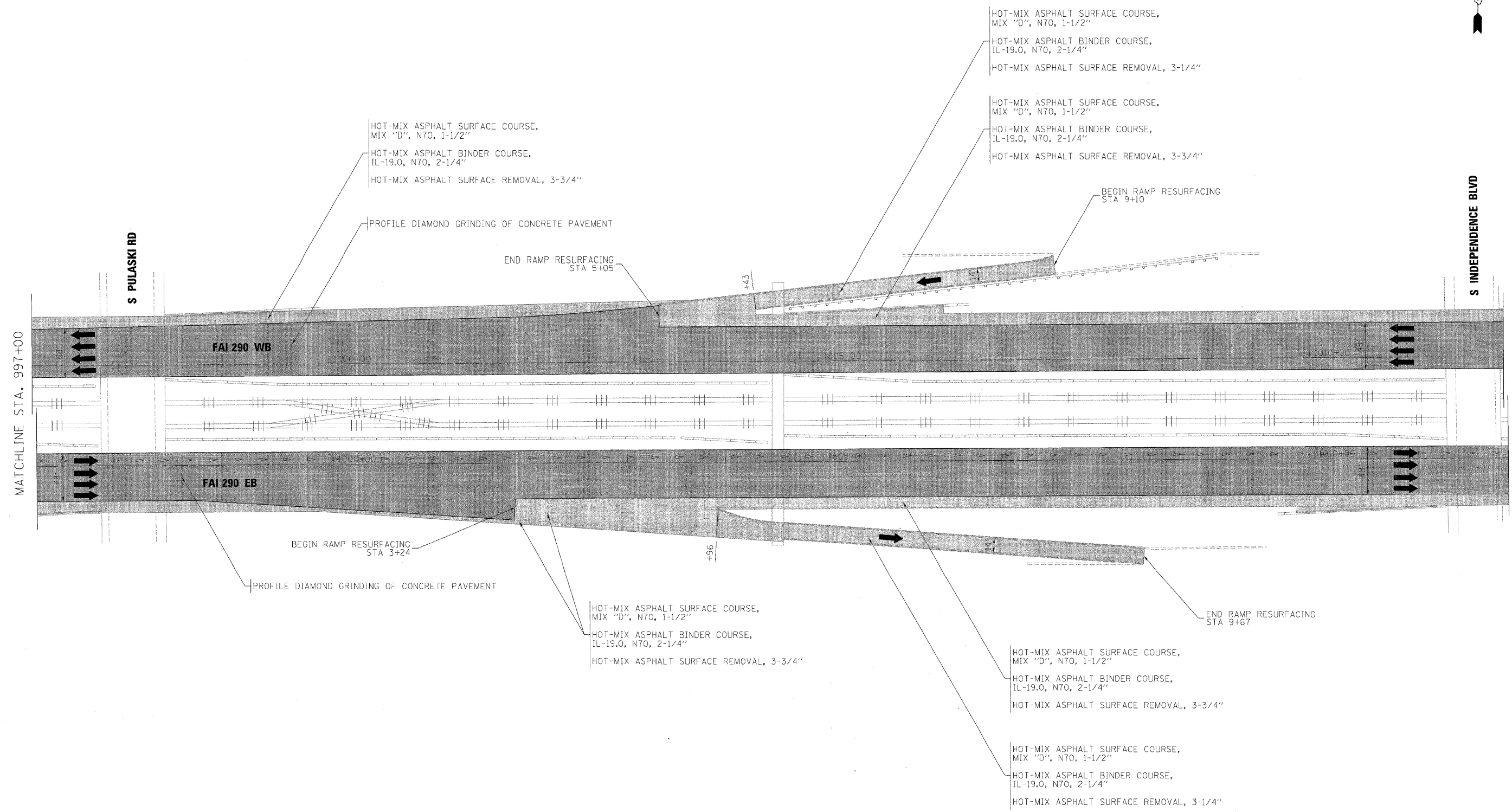
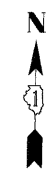
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
STA 982+00 TO STA 997+00**

SCALE: 1"=50' SHEET NO. 9 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	47
CONTRACT NO. 60G53				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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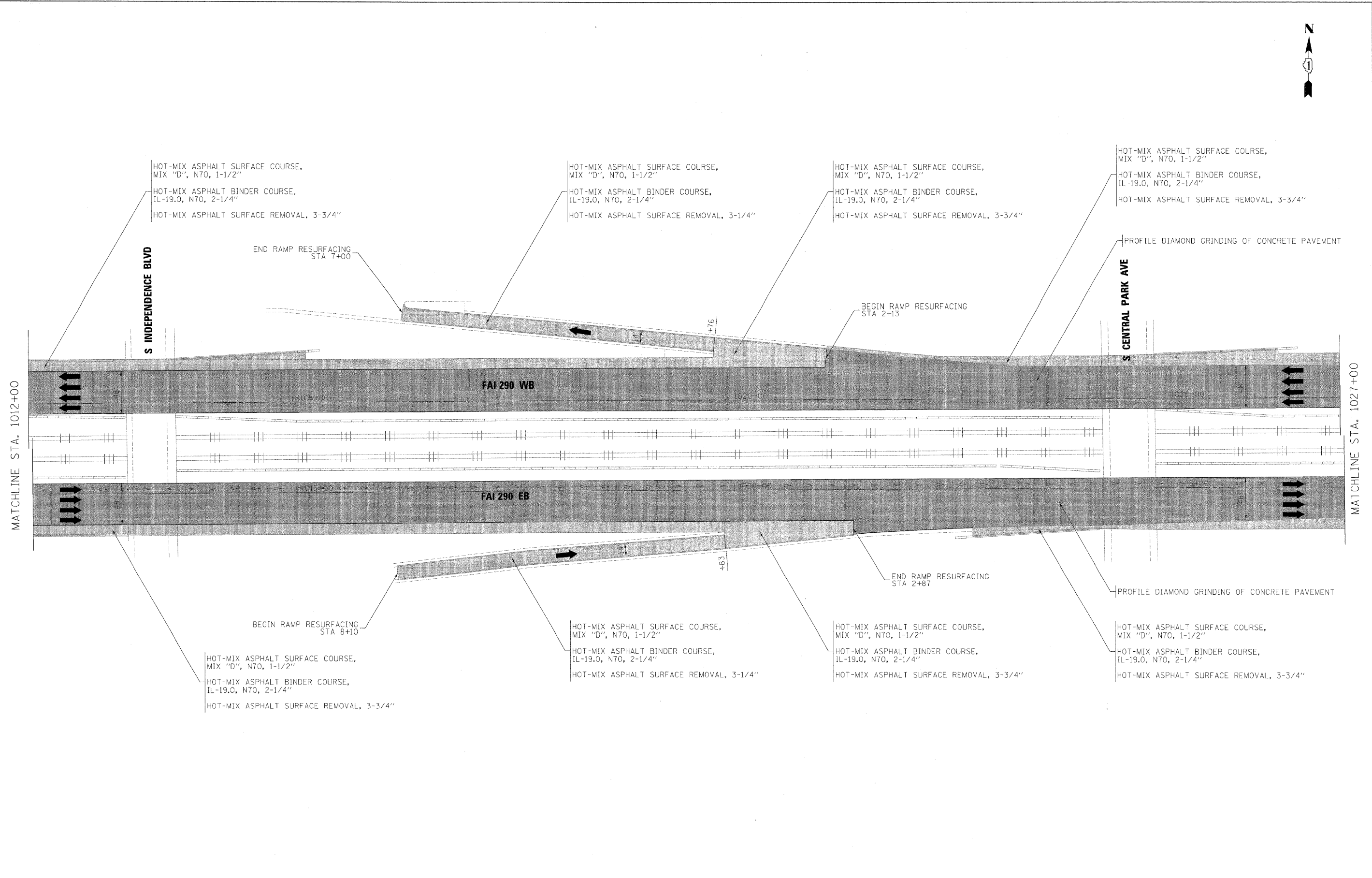
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
STA 997+00 TO STA 1012+00**

SCALE: 1"=50' SHEET NO. 10 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	48
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C53	



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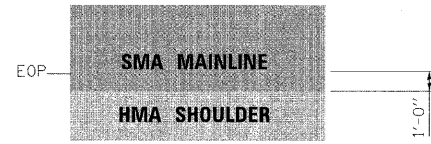
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
STA 1012+00 TO STA 1027+00**

SCALE: 1"=50' SHEET NO. 11 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3:31)RS-7	COOK	216	49
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60653		

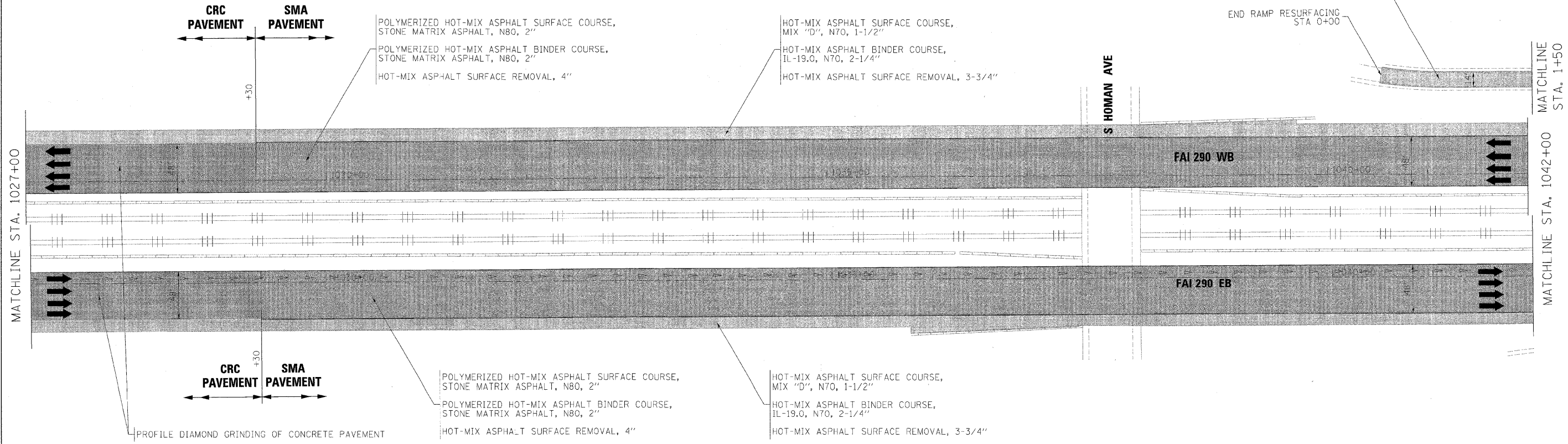


NOTE:

MAINLINE PAVING TO EXTEND 1' ONTO HMA SHOULDERS. SEE TYPICAL SECTIONS.

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"

END RAMP RESURFACING STA 0+00



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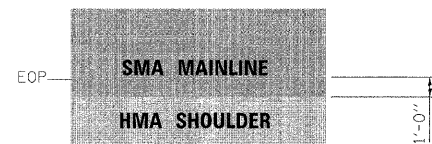
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
STA 1027+00 TO STA 1042+00**

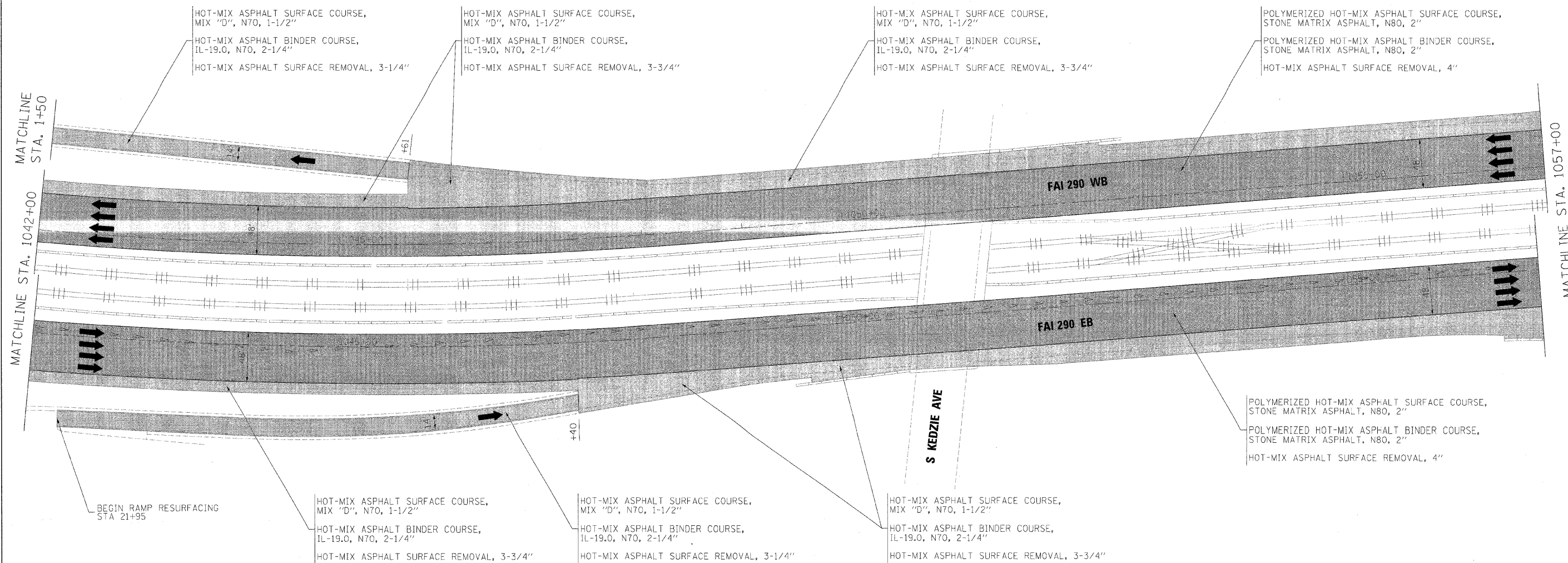
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	50
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60653		



NOTE:

MAINLINE PAVING TO EXTEND 1' ONTO HMA SHOULDERS. SEE TYPICAL SECTIONS.



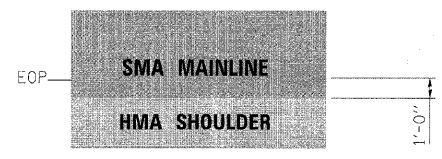
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN	
STA 1042+00 TO STA 1057+00	
SCALE: 1"=50'	SHEET NO. 13 OF 14 SHEETS
STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	51
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



NOTE:
MAINLINE PAVING TO EXTEND 1' ONTO HMA SHOULDERS. SEE TYPICAL SECTIONS.

END RAMP SHOULDER RESURFACING STA 23+15
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"



POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
HOT-MIX ASPHALT SURFACE REMOVAL, 4"

MATCHLINE STA. 1057+00

MATCHLINE STA. 1072+00

S SACRAMENTO BLVD



HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/4"

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
HOT-MIX ASPHALT SURFACE REMOVAL, 4"

END RAMP RESURFACING STA 0+00

FILE NAME =	DESIGNED - CAG	REVISED -
USER NAME = jmajewski	DRAWN - DMS	REVISED -
PLOT DATE = 1/25/2018	CHECKED - CAR	REVISED -
	DATE - 1/25/10	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
STA 1057+00 TO POE**
SCALE: 1"=50' SHEET NO. 14 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	52
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	

STAGE 1

INSTALL TEMPORARY SIGNING, STRIPING AND OTHER TRAFFIC CONTROL DEVICES NECESSARY FOR THE STAGE 1 TRAFFIC CONFIGURATION, INCLUDING THE NECESSARY MODIFICATIONS TO THE EXISTING GROUND MOUNTED AND OVERHEAD SIGNS.

TRAFFIC

EB I-290

1. TRAFFIC WILL BE THREE LANES EASTBOUND AND SHIFTED TO THE INSIDE SHOULDER AT THE CENTRAL AVENUE BRIDGE. THE LANE CONFIGURATION AND ADVANCE SIGNAGE REQUIRED WEST OF THE I-290 BRIDGE OVER CENTRAL AVENUE WILL BE COORDINATED WITH CONTRACT 60K10.
2. EAST OF THE CENTRAL AVENUE BRIDGE, THREE LANES WILL BE MAINTAINED TO THE EAST END OF THE CONTRACT. THE OUTSIDE LANE WILL BE CLOSED. ALL RAMPS ARE TO REMAIN OPEN. THE LANE CONFIGURATION AT THE EAST END OF THE PROJECT SHALL BE COORDINATED WITH CONTRACT 60K11.

WB I-290

1. FROM THE EAST END OF THE CONTRACT, THREE LANES OF TRAFFIC WILL BE MAINTAINED. THE OUTSIDE LANE WILL BE CLOSED. ALL RAMPS ARE TO REMAIN OPEN. THE LANE CONFIGURATION AND ADVANCE SIGNAGE REQUIRED SHALL BE COORDINATED WITH CONTRACT 60K11.
2. TRAFFIC WILL BE THREE WESTBOUND LANES AND SHIFTED TO THE INSIDE SHOULDER AT THE CENTRAL AVENUE BRIDGE. THE LANE CONFIGURATION WEST OF THE CENTRAL AVENUE BRIDGE SHALL BE COORDINATED WITH CONTRACT 60K10.

CONSTRUCTION

UTILIZE THE PERMANENT LANE CLOSURES SHOWN IN THE PLANS TO WORK ON CONTRACT PAY ITEMS. WORK OUTSIDE OF THE PERMANENT LANE CLOSURES MUST BE ACCOMPLISHED DURING THE ALLOWABLE HOURS FOR TEMPORARY LANE CLOSURES PER THE SPECIAL PROVISIONS. CLASS A PATCHING OUTSIDE OF PERMANENT LANE CLOSURES WILL ONLY BE ALLOWED ON THE WEEKEND. IF A MIDDLE LANE CLOSURE IS NEEDED, THE CONTRACTOR SHALL CLOSE THE LANE DURING THE ALLOWABLE HOURS FOR A 2-LANE CLOSURE UNTIL THE CONCRETE IS POURED. FOR CURING PURPOSES ONLY, TRAFFIC SHALL RETURN TO 3 OPEN LANES UTILIZING TC-25 FOR A CENTER-LANE CLOSURE. THE MAXIMUM CONTINUOUS LENGTH TO HAVE TRAFFIC IN THIS CONFIGURATION SHALL BE ONE HALF MILE.

I-290 EB & I-290 WB OVER CENTRAL AVE. (016-0094 & 016-0095)

1. REPAIR BRIDGE DECK.
2. REPAIR APPROACH SLABS.
3. RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEALS.
4. CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
5. APPLY CONCRETE SEALER TO BRIDGE DECK, PARAPETS AND APPROACH SLABS.

STAGE 2

INSTALL TEMPORARY SIGNING, STRIPING AND OTHER TRAFFIC CONTROL DEVICES NECESSARY FOR THE STAGE 2 TRAFFIC CONFIGURATION, INCLUDING THE NECESSARY MODIFICATIONS TO THE EXISTING GROUND MOUNTED AND OVERHEAD SIGNS.

TRAFFIC

EB I-290

1. TRAFFIC WILL BE THREE LANES EASTBOUND AND SHIFTED TO THE OUTSIDE SHOULDER AT THE CENTRAL AVENUE BRIDGE. THE LANE CONFIGURATION AND ADVANCE SIGNAGE REQUIRED WEST OF THE I-290 BRIDGE OVER CENTRAL AVENUE WILL BE COORDINATED WITH CONTRACT 60K10.
2. EAST OF THE CENTRAL AVENUE BRIDGE, THREE LANES OF TRAFFIC WILL BE MAINTAINED TO THE EAST END OF THE CONTRACT. THE INSIDE LANE WILL BE CLOSED. THE LANE CONFIGURATION AT THE EAST END OF THE PROJECT SHALL BE COORDINATED WITH CONTRACT 60K11.

WB I-290

1. FROM THE EAST END OF THE CONTRACT, THREE LANES OF TRAFFIC WILL BE MAINTAINED. THE INSIDE LANE WILL BE CLOSED. THE LANE CONFIGURATION AND ADVANCE SIGNAGE REQUIRED SHALL BE COORDINATED WITH CONTRACT 60K11.
2. TRAFFIC WILL BE THREE WESTBOUND LANES AND SHIFTED TO THE OUTSIDE SHOULDER AT THE CENTRAL AVENUE BRIDGE. THE LANE CONFIGURATION WEST OF THE CENTRAL AVENUE BRIDGE SHALL BE COORDINATED WITH CONTRACT 60K10.

CONSTRUCTION

UTILIZE THE PERMANENT LANE CLOSURES SHOWN IN THE PLANS TO WORK ON CONTRACT PAY ITEMS. WORK OUTSIDE OF THE PERMANENT LANE CLOSURES MUST BE ACCOMPLISHED DURING THE ALLOWABLE HOURS FOR TEMPORARY LANE CLOSURES PER THE SPECIAL PROVISION. CLASS A PATCHING OUTSIDE OF PERMANENT LANE CLOSURES WILL ONLY BE ALLOWED ON THE WEEKEND. IF A MIDDLE LANE CLOSURE IS NEEDED, THE CONTRACTOR SHALL CLOSE THE LANE DURING THE ALLOWABLE HOURS FOR A 2-LANE CLOSURE UNTIL THE CONCRETE IS POURED. FOR CURING PURPOSES ONLY, TRAFFIC SHALL RETURN TO 3 OPEN LANES UTILIZING TC-25 FOR A CENTER-LANE CLOSURE. THE MAXIMUM CONTINUOUS LENGTH TO HAVE TRAFFIC IN THIS CONFIGURATION SHALL BE ONE HALF MILE.

I-290 EB OVER CENTRAL AVE. (016-0094)

1. REPAIR BRIDGE DECK.
2. REPAIR APPROACH SLABS.
3. RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEALS.
4. CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
5. APPLY CONCRETE SEALER TO BRIDGE DECK, PARAPETS AND APPROACH SLABS, ABUTMENT SEATS AND BACKWALLS.

I-290 WB OVER CENTRAL AVE. (016-0095)

1. REPAIR BRIDGE DECK.
2. REPAIR APPROACH SLABS.
3. RECONSTRUCT DECK JOINTS AT EACH ABUTMENT WITH PREFORMED JOINT STRIP SEALS.
4. CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
5. APPLY CONCRETE SEALER TO BRIDGE DECK, PARAPETS AND APPROACH SLABS, ABUTMENT SEATS AND BACKWALLS.
6. PARTIAL REPLACEMENT OF WEST BRIDGE APPROACH PAVEMENT CONNECTOR.

STAGE 3

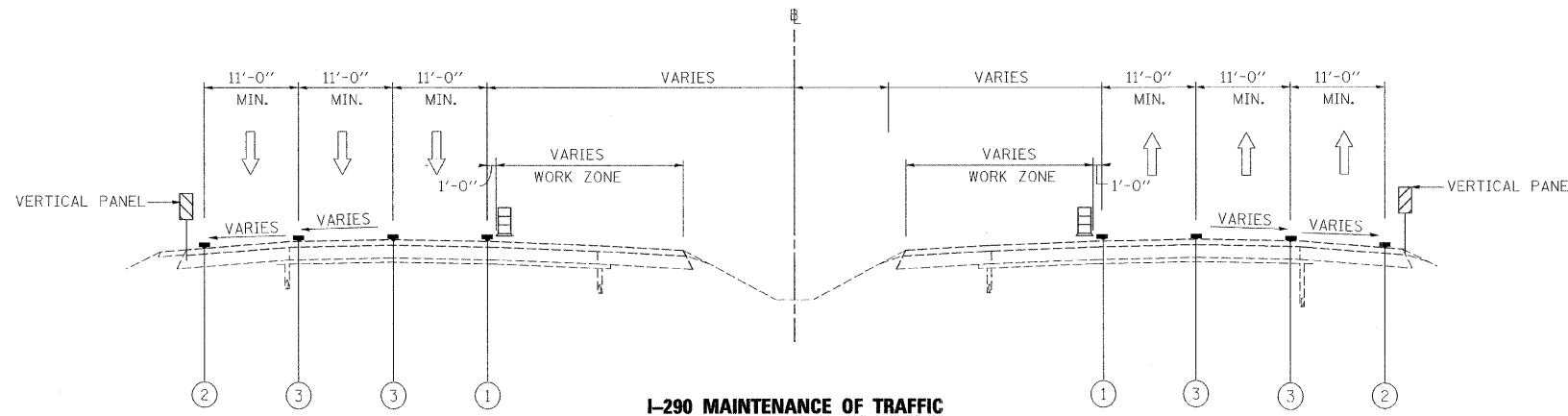
TRAFFIC

THE EXISTING PAVEMENT MARKING CONFIGURATION SHALL BE RESTORED BEFORE BEGINNING RESURFACING OPERATIONS. SEE MAINTENANCE OF TRAFFIC TYPICAL SECTIONS FOR PATCHING AND RESURFACING TRAFFIC CONTROL.

CONSTRUCTION

SEE MAINTENANCE OF TRAFFIC TYPICAL SECTIONS FOR RESURFACING ITEMS. THE CONTRACTOR SHALL NOT HAVE MORE THAN 4 CONTINUOUS SURVEILLANCE LOOPS (APPROXIMATELY 2 MILES) NON-OPERATIONAL AT ANY GIVEN TIME.

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGING	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\prp2\in\ABC\C3\genotes\mot.dgn	DRAWN - TMB	REVISED -				290	(2727, ETC., 3131)RS-7	COOK	216	53
USER NAME = jmajewski	CHECKED - RMT	REVISED -				CONTRACT NO. 60G53				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -				SCALE: N.T.S.	SHEET NO. 1 OF 44 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



- LEGEND**
- ① WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (YELLOW)
 - ② WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (WHITE)
 - ③ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 5 INCH (WHITE)
 - Ⓜ TYPE II BARRIER, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

I-290 MAINTENANCE OF TRAFFIC
TYPICAL SECTION
SHOULDER STAGING OPTION
 (OUTSIDE SHOULDER STAGING SHOWN)
 (INSIDE SHOULDER STAGING SIMILAR - OPPOSITE HAND)

POSSIBLE 10' MINIMUM SHOULDER LOCATIONS (TO BE FIELD VERIFIED)

LOCATIONS:	EASTBOUND		WESTBOUND	
	INSIDE SHOULDER	OUTSIDE SHOULDER	INSIDE SHOULDER	OUTSIDE SHOULDER
872+00 to 903+00	x	x	x	x
903+00 to 916+00		x		x
916+00 to 1047+00	x	x	x	x
1047+00 to 1051+00	x		x	x
1051+00 to 1072+00	x	x	x	x

CONTRACTOR OPTION FOR STAGING ON SHOULDERS

AS AN ALTERNATIVE TO THE MAINTENANCE OF TRAFFIC SHOWN IN THE PLANS, THE CONTRACTOR HAS THE OPTION TO SHIFT TRAFFIC ONTO THE EXISTING SHOULDERS. ALL TRAFFIC LANES SHALL BE AT LEAST 11 FEET WIDE.

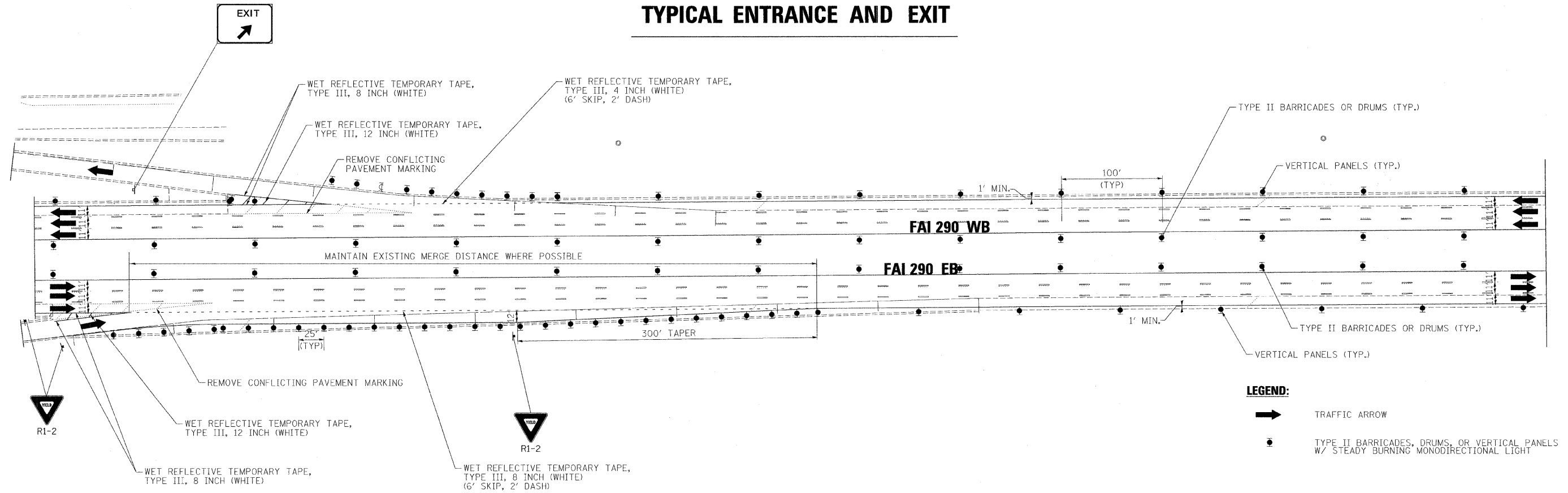
ALL PATCHING, DRAINAGE STRUCTURE FRAME AND GRATE REPAIRS AND/OR ADJUSTMENTS, OR TEMPORARY PAVEMENT REQUIRED IN PREPARATION TO SHIFT TRAFFIC WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS. ALL ADDITIONAL TRAFFIC CONTROL DEVICES, SIGNING (TEMPORARY AND EXISTING OVERHEAD) AND INCIDENTAL COSTS ASSOCIATED WITH IMPLEMENTING THE SHOULDER STAGING OPTION SHALL BE AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR WILL BE REQUIRED TO SUBMIT PLANS OF THE SHOULDER STAGING OPTION TO THE ENGINEER FOR APPROVAL AT LEAST 2 WEEKS PRIOR TO SHIFTING TRAFFIC INTO THE STAGED CONFIGURATION. THE PLANS SHALL INCLUDE LANE CONFIGURATIONS, WORK ZONES, TRAFFIC CONTROL DEVICES, SIGNING (TEMPORARY AND EXISTING OVERHEAD) AND TEMPORARY PAVEMENT MARKINGS.

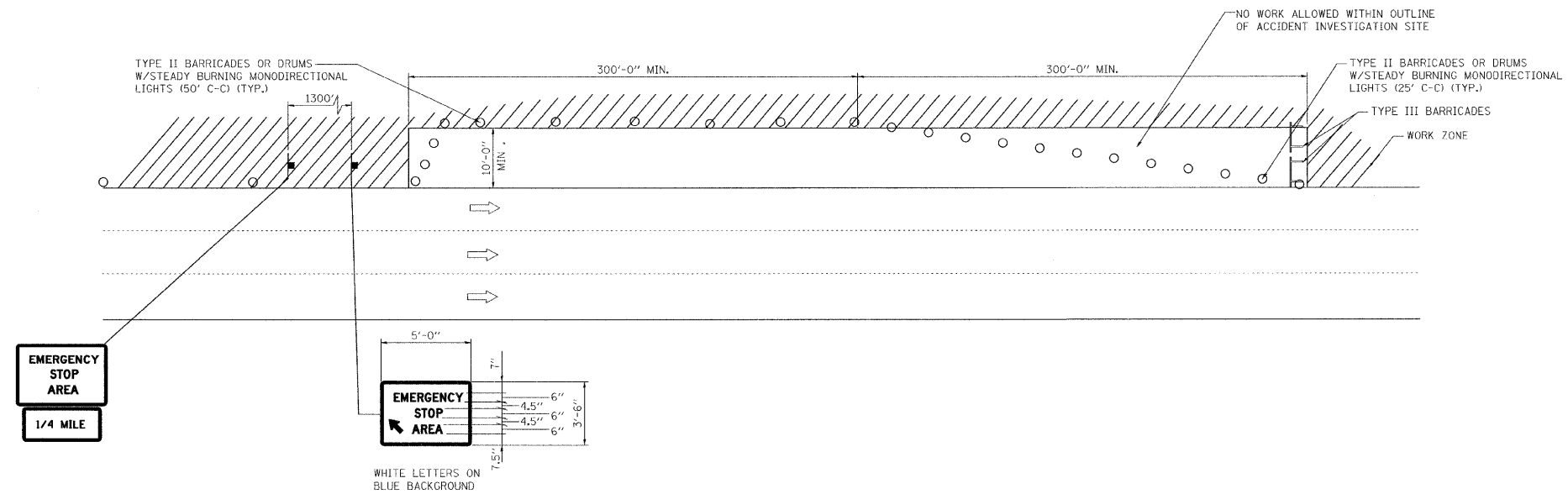
THE CONTRACTOR SHALL PROVIDE AN ACCIDENT INVESTIGATION SITE (SEE DETAIL) OR SHIFT TRAFFIC OFF OF THE EXISTING SHOULDER TO PROVIDE VEHICLE REFUGE ON SHOULDERS FOR A MINIMUM LENGTH OF 600'. SHOULDERS MUST BE A MINIMUM OF 10' WIDE. A MINIMUM OF ONE ACCIDENT INVESTIGATION SITE OR SHOULDER REFUGE AREA SHALL BE IN PLACE AT ALL TIMES BOTH EASTBOUND AND WESTBOUND. PROPOSED LOCATIONS SHALL BE APPROVED BY THE ENGINEER AND MUST BE SUBMITTED 3 DAYS PRIOR TO RELOCATING THE ACCIDENT INVESTIGATION SITES. THE COST OF IMPLEMENTING AND RELOCATING ACCIDENT INVESTIGATION SITES SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

THE CONTRACTOR SHALL NOT EXPOSE OPEN CUT PAVEMENT SUCH AS FULL AND PARTIAL DEPTH PATCHING ACROSS THE ENTIRE WORK ZONE AT ONE TIME. IF PATCHING OPERATIONS ARE PERFORMED, THE CONTRACTOR SHALL PROVIDE A CONTINUOUS 10-FOOT TRAVEL LANE FOR PASSAGE OF EMERGENCY VEHICLES IF NECESSARY. ALL PATCHES GREATER THAN 12 INCHES DEEP AND WITHIN 3 FEET OF THE TRAVEL LANE SHALL BE PAVED WITHIN 48 HOURS OR PROTECTED BY TEMPORARY CONCRETE BARRIER. ALL OTHER PATCHES SHALL BE PROTECTED BY TYPE II DRUMS AT 100' SPACING.

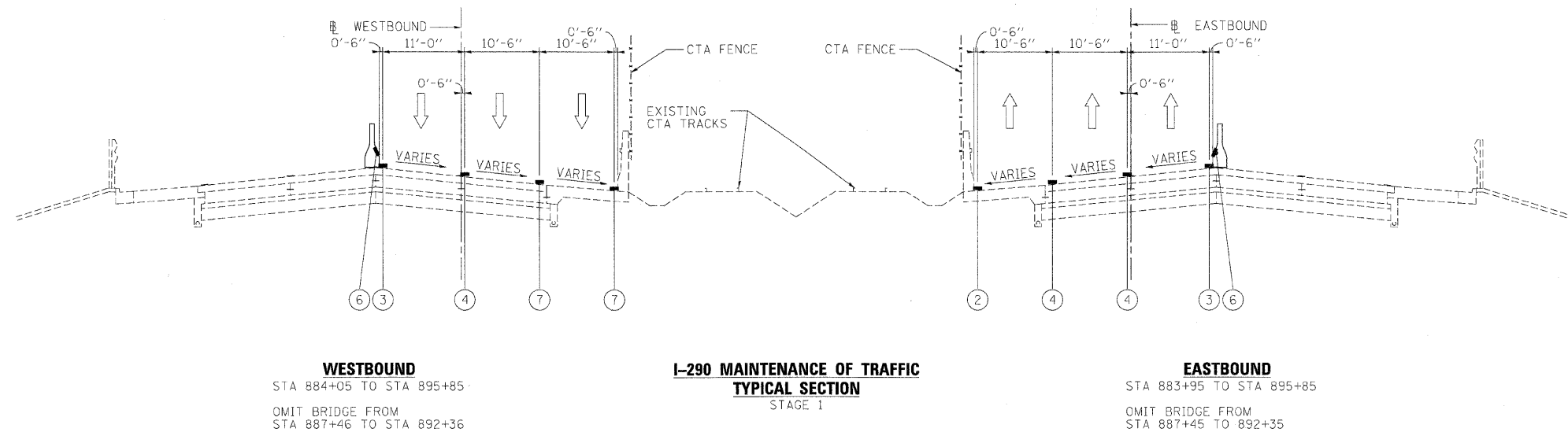
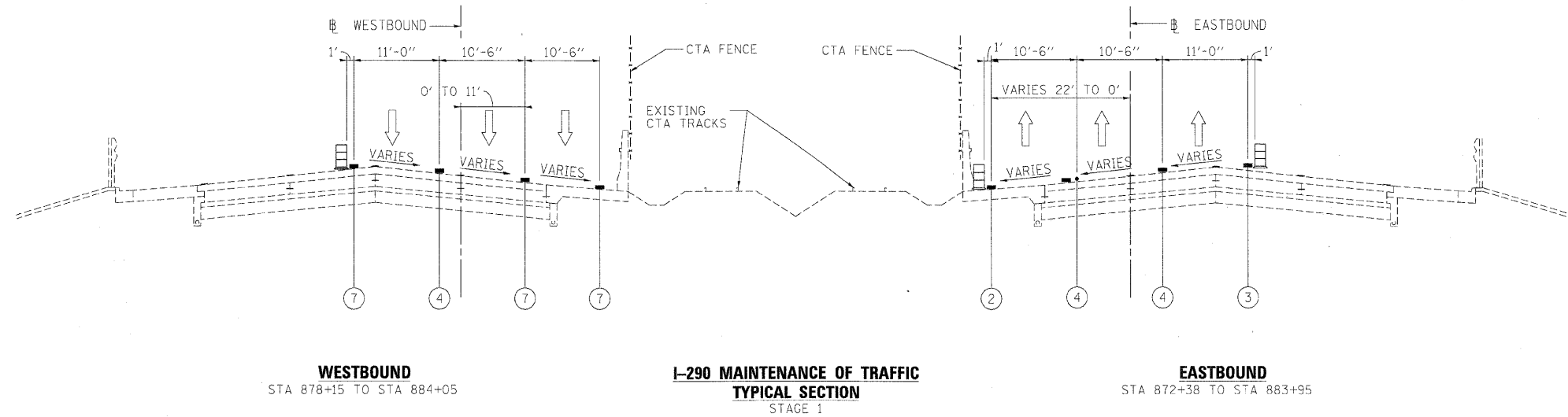
TYPICAL ENTRANCE AND EXIT



ACCIDENT INVESTIGATION SITE



FILE NAME *	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC SHOULDER STAGING OPTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$FILEL\$	DRAWN - TMB	REVISED -				290	(2727, ETC., 3131)RS-7	COOK	216	55
USER NAME = \$USER\$	CHECKED - JJT	REVISED -				CONTRACT NO. 60K13				
PLOT DATE = \$DATE\$	DATE - 1/25/10	REVISED -								
						SCALE: N.T.S.	SHEET NO. 3 OF 44 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT



- LEGEND**
- ① EXISTING PAVEMENT MARKING
 - ② WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (YELLOW)
 - ③ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (WHITE)
 - ④ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 5 INCH (WHITE)
 - ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" (YELLOW) (ON BARRIER)
 - ⑥ TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE) (ON BARRIER)
 - ⑦ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 8 INCH (WHITE)
 - TEMPORARY CONCRETE BARRIER
 - TYPE II BARRIER, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - WORK ZONE

FILE NAME =	DESIGNED - AJP	REVISED -
...prpln_ABC.C3.m1.mot.typ.st.1.2.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JJT	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

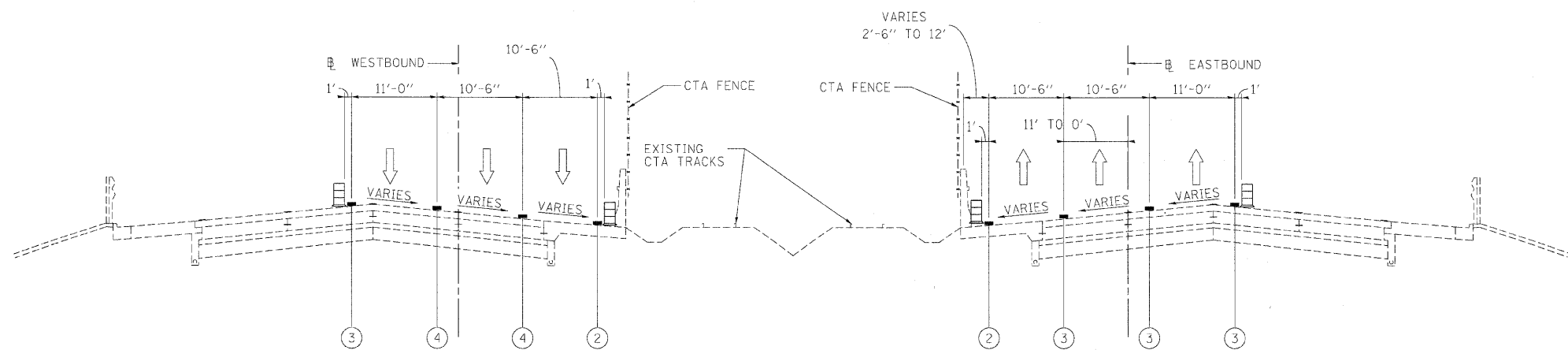
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
TYPICAL SECTION - STAGE 1**

SCALE: N.T.S. SHEET NO. 4 OF 44 SHEETS STA. TO STA.

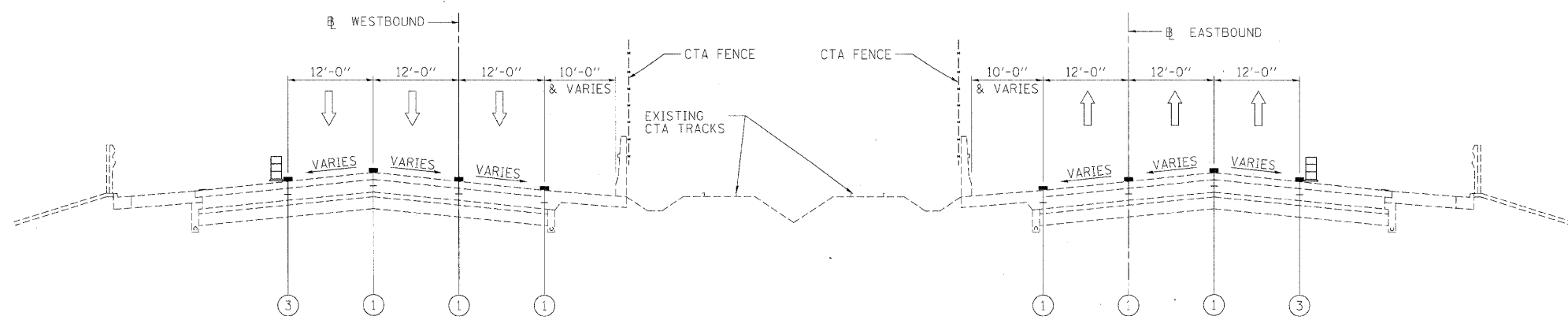
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	56
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



WESTBOUND
STA 895+85 TO STA 901+93

**I-290 MAINTENANCE OF TRAFFIC
TYPICAL SECTION
STAGE 1**

EASTBOUND
STA 895+85 TO STA 901+93



WESTBOUND
STA 901+93 TO STA 1022+95

**I-290 MAINTENANCE OF TRAFFIC
TYPICAL SECTION
STAGE 1**

EASTBOUND
STA 901+93 TO STA 1022+75

LEGEND

- ① EXISTING PAVEMENT MARKING
- ② WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (YELLOW)
- ③ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (WHITE)
- ④ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 5 INCH (WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" (YELLOW) (ON BARRIER)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE) (ON BARRIER)
- ⑦ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 8 INCH (WHITE)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRIER, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- WORK ZONE

FILE NAME =	DESIGNED - AJP	REVISED -
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

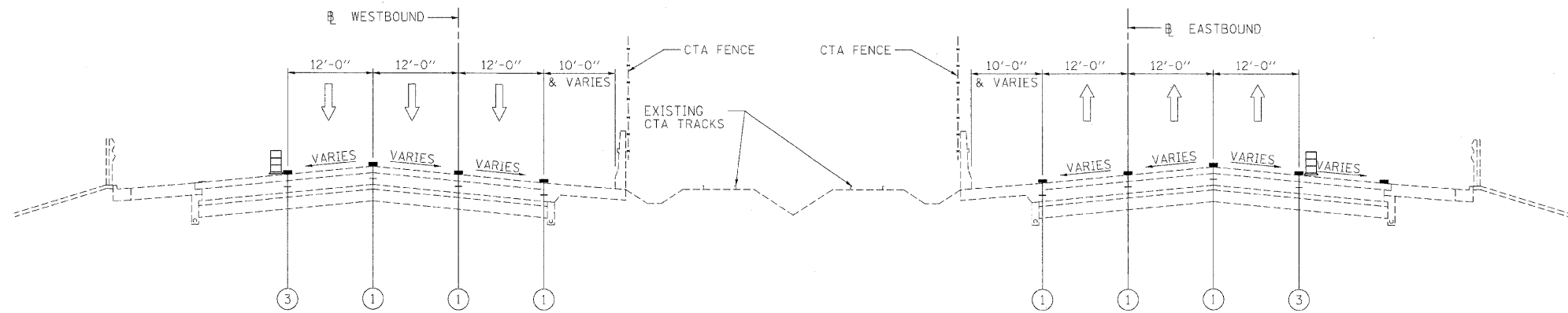
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
TYPICAL SECTION - STAGE 1**

SCALE: N.T.S. SHEET NO. 5 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	57
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60G53	






WESTBOUND
STA 1022+95 TO STA 1072+00

I-290 MAINTENANCE OF TRAFFIC
TYPICAL SECTION
STAGE 1

EASTBOUND
STA 1022+75 TO STA 1072+00

LEGEND

- ① EXISTING PAVEMENT MARKING
- ② WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (YELLOW)
- ③ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (WHITE)
- ④ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 5 INCH (WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" (YELLOW) (ON BARRIER)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE) (ON BARRIER)
- ⑦ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 8 INCH (WHITE)
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRIER, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK ZONE

FILE NAME =	DESIGNED - AJP	REVISED -
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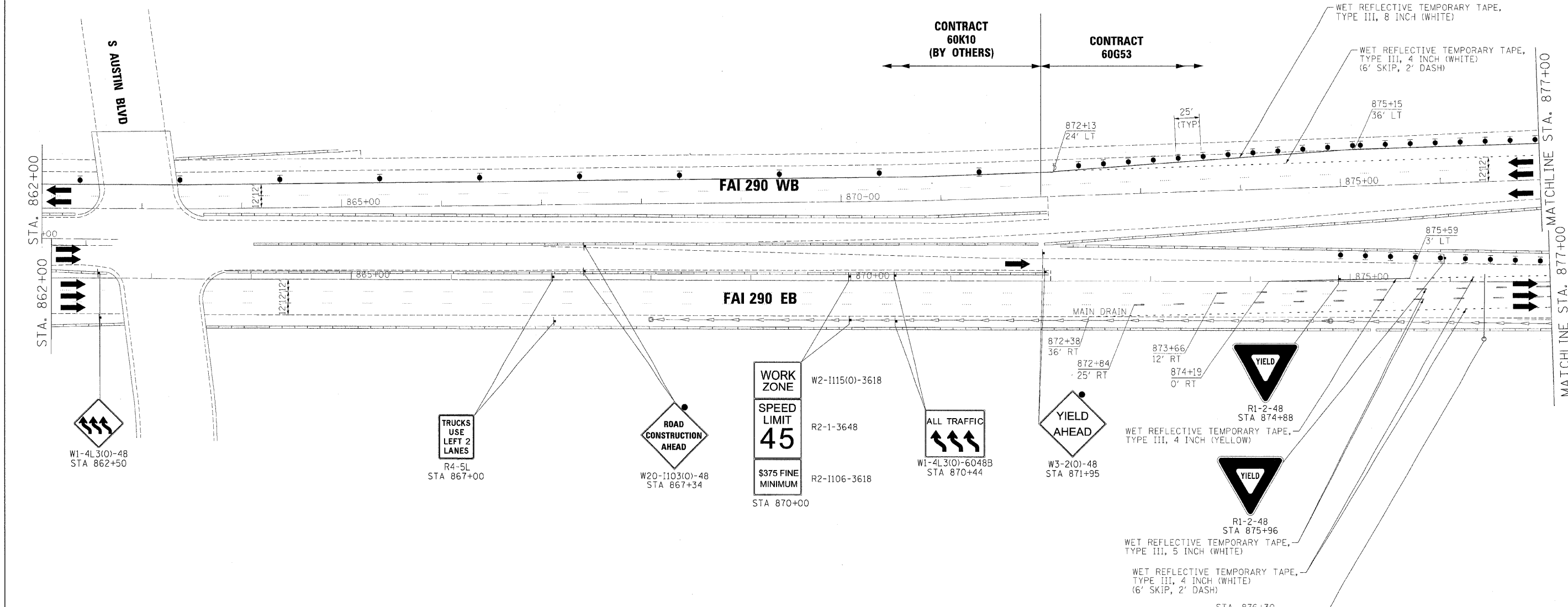
benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTION - STAGE 1

SCALE: N.T.S. SHEET NO. 6 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	58
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60653	



- LEGEND:**
- TEMPORARY SIGN PANELS
 - WORK ZONE
 - TRAFFIC ARROW
 - FLASHING ARROW BOARD
 - TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
 - TEMPORARY IMPACT ATTENUATORS
 - TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - AJP	REVISED -
...p\pin_abc\c3.290_wot.st.1.01.dgn	DRAWN - TMB	REVISED -
USER NAME = jmojewski	CHECKED - JJT	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

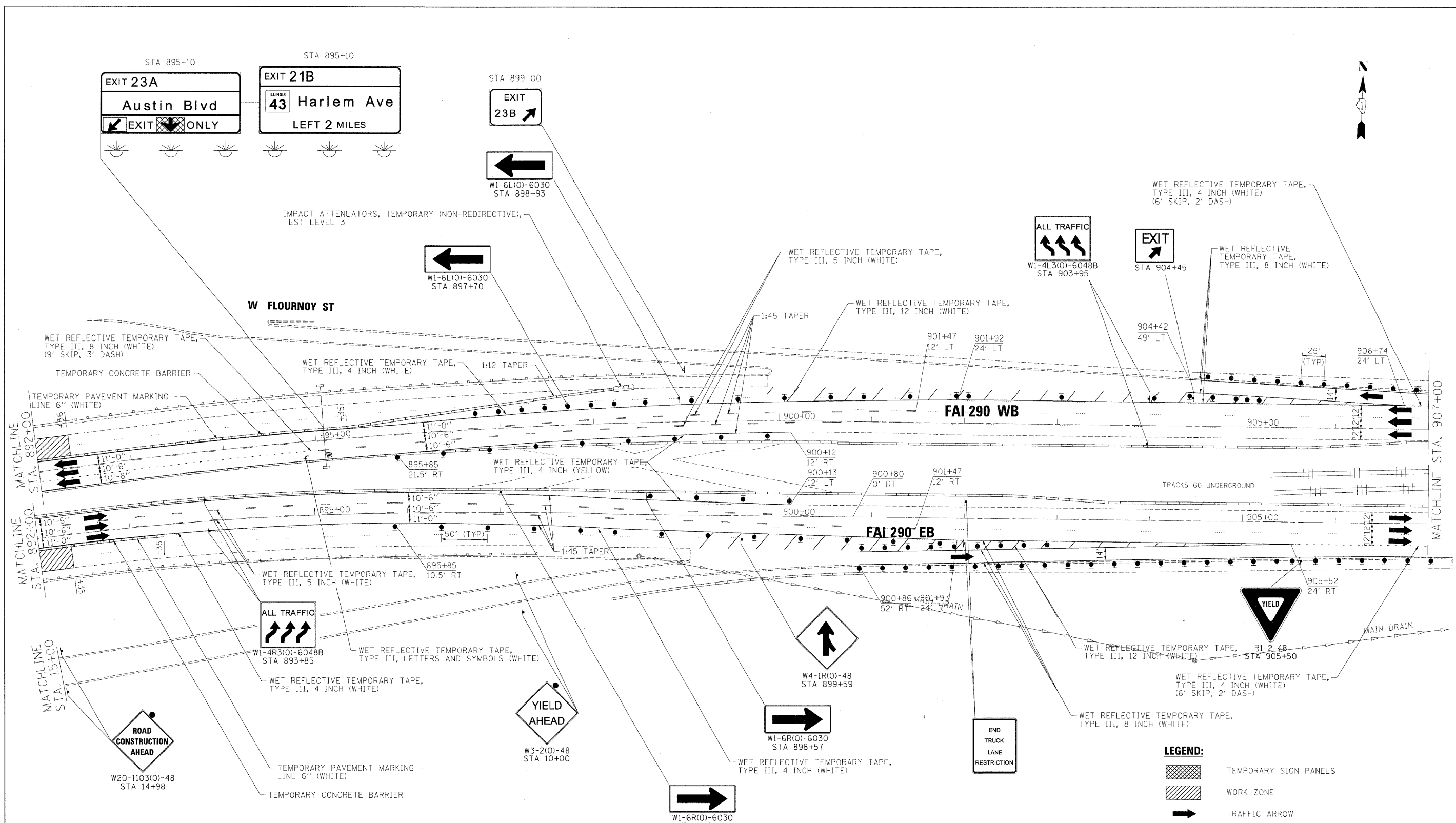
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 7 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	59
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



NOTES:
 1. CONTRACTOR MUST COORDINATE TEMPORARY SIGNING, PAVEMENT MARKING, AND MOVEABLE CONCRETE BARRIER WITH THE CONTRACTOR PERFORMING WORK ON CONTRACT #60D61

LEGEND:

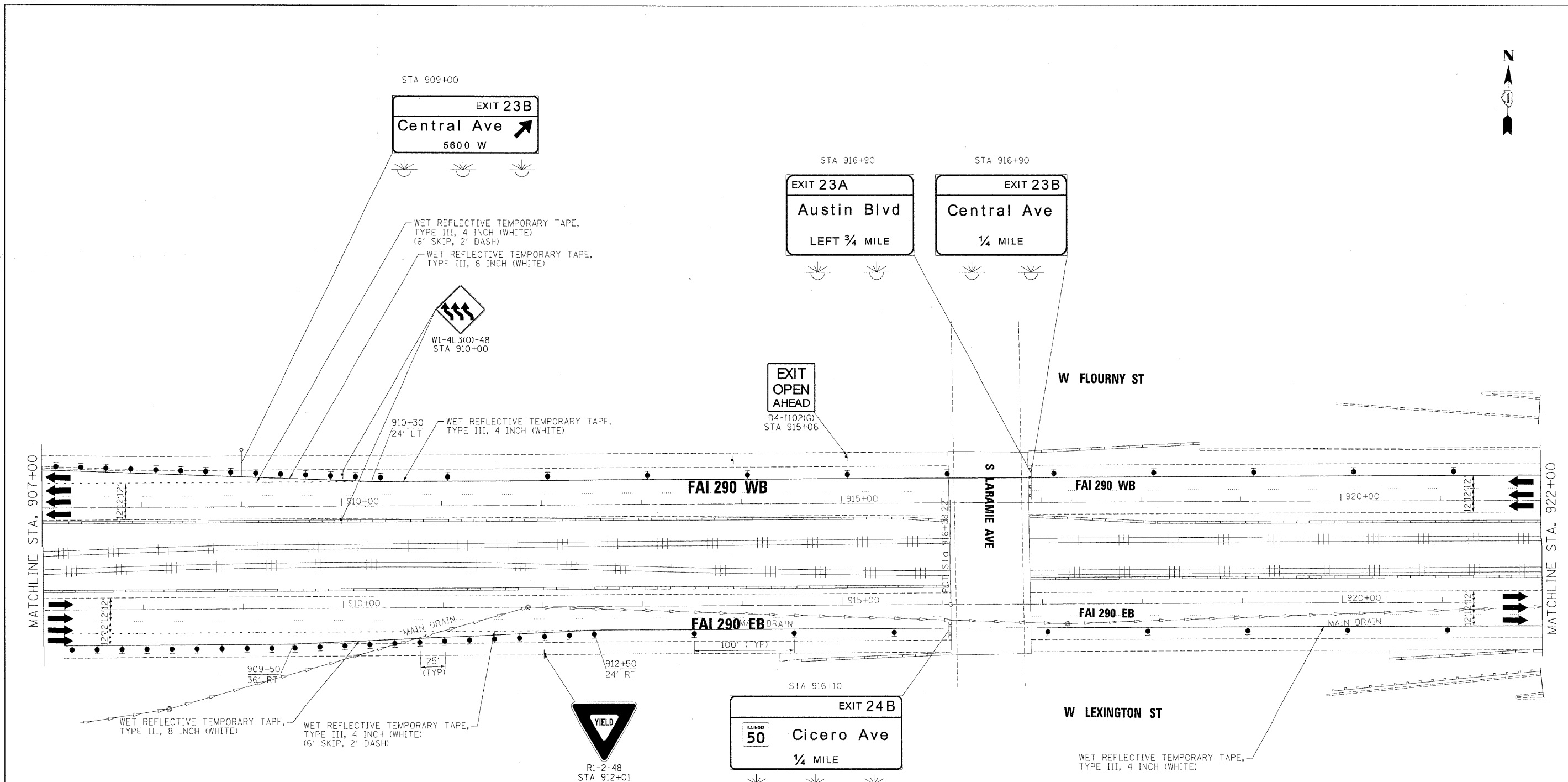
	TEMPORARY SIGN PANELS
	WORK ZONE
	TRAFFIC ARROW
	FLASHING ARROW BOARD
	TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
	TEMPORARY IMPACT ATTENUATORS
	TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - AJP	REVISED -
USER NAME = jmojewski	DRAWN - TMB	REVISED -
PLOT DATE = 1/25/2010	CHECKED - JJT	REVISED -
	DATE - 1/25/10	REVISED -

benesch
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC
 PLAN - STAGE 1**
 SCALE: 1"=50' SHEET NO. 9 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	61
CONTRACT NO. 60C53				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



LEGEND:

	TEMPORARY SIGN PANELS
	WORK ZONE
	TRAFFIC ARROW
	FLASHING ARROW BOARD
	TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
	TEMPORARY IMPACT ATTENUATORS
	TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - J.T	REVISED -
...\\p1p1n.abc.c3.290.met.ST.1.24.dgn	DRAWN - TMB	REVISED -
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**








**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

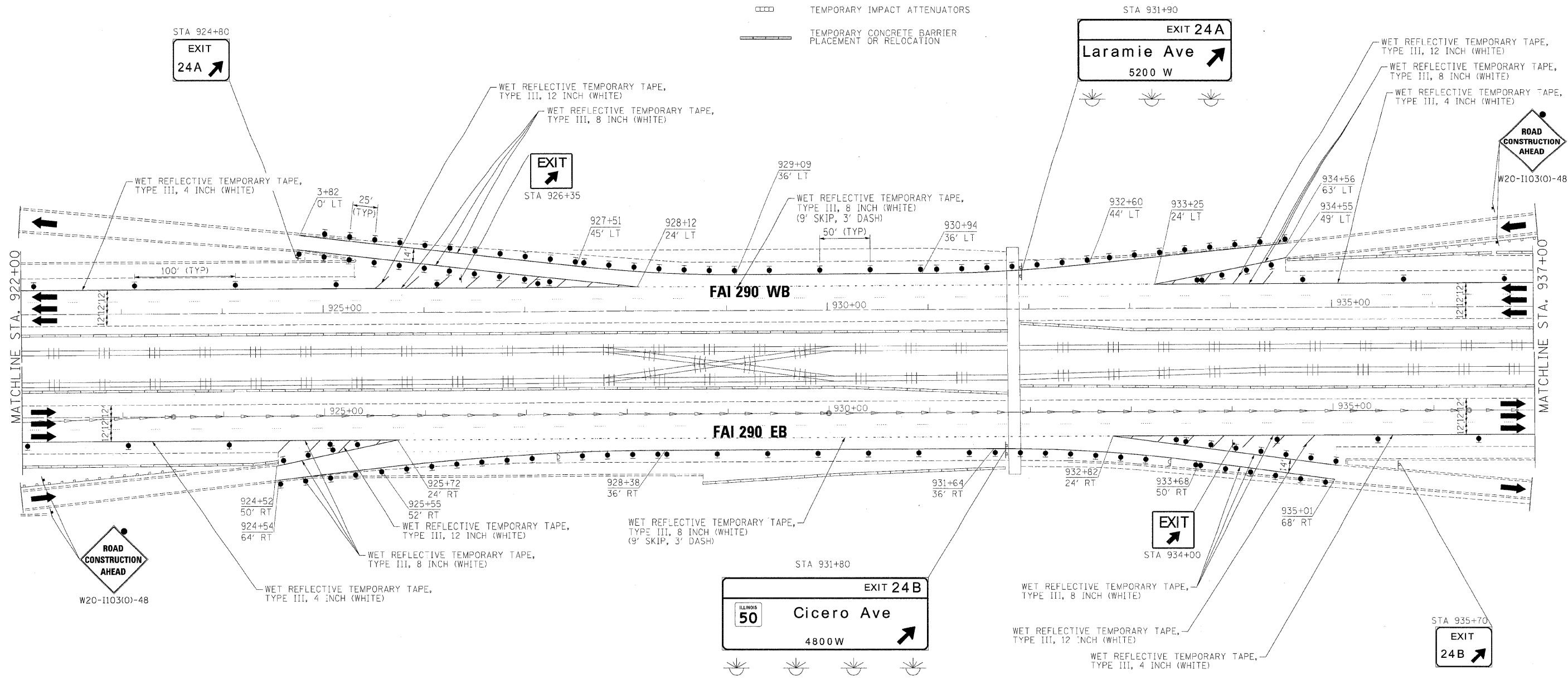
SCALE: 1"=50' SHEET NO. 10 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	62
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60C53	



LEGEND:

-  TEMPORARY SIGN PANELS
-  WORK ZONE
-  TRAFFIC ARROW
-  FLASHING ARROW BOARD
-  TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
-  TEMPORARY IMPACT ATTENUATORS
-  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION



FILE NAME =	DESIGNED - JJT	REVISED -
...\\p1n.abc.c3.2102.vot.ST.1.05.dgn	DRAWN - TMB	REVISED -
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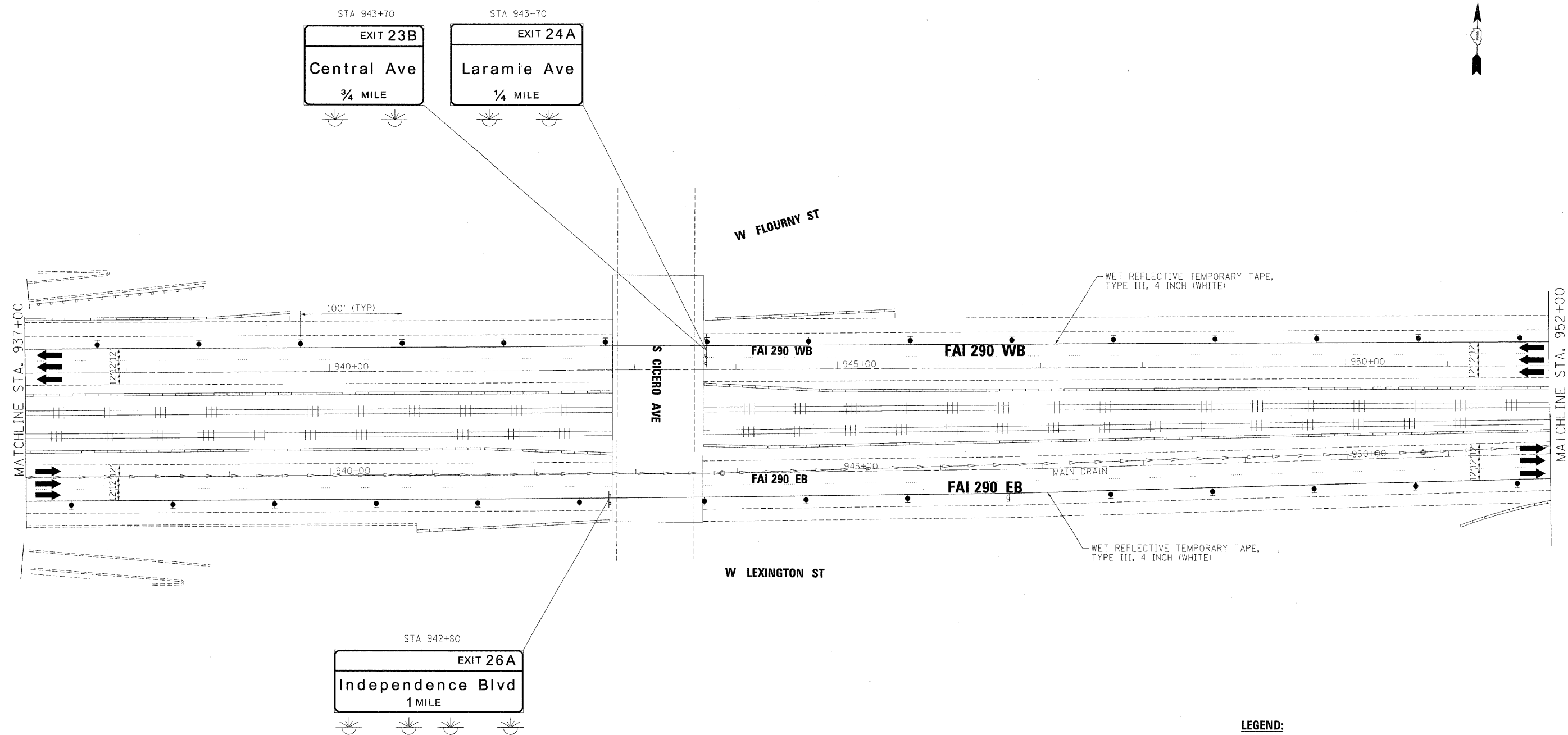
benesch








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 11 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	63
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60G53	



- LEGEND:**
-  TEMPORARY SIGN PANELS
 -  WORK ZONE
 -  TRAFFIC ARROW
 -  FLASHING ARROW BOARD
 -  TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
 -  TEMPORARY IMPACT ATTENUATORS
 -  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - JJT	REVISED -
...xp\p\h_abc_c3_290_mot.ST.1.06.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - AJP	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

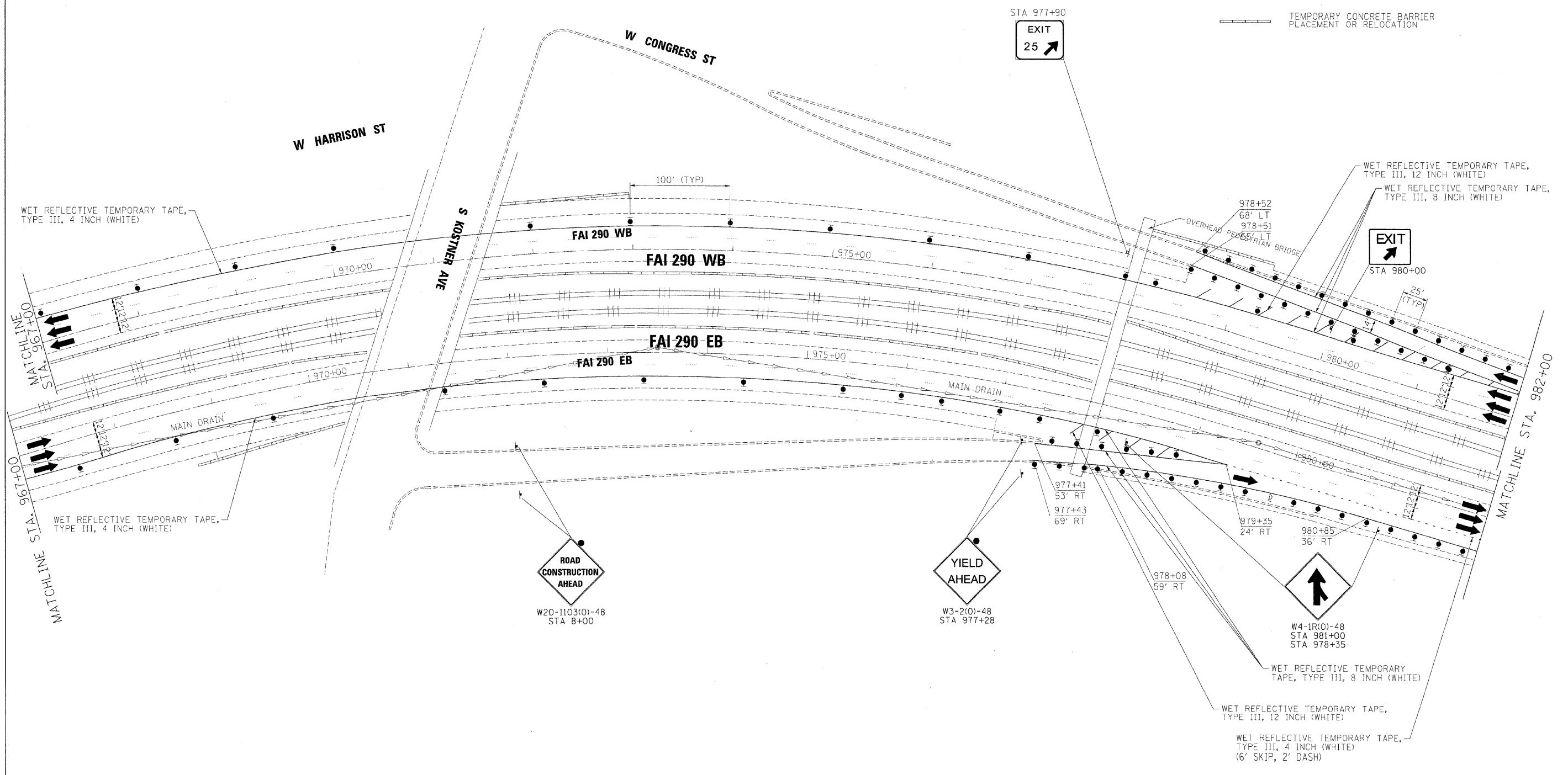
**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	64
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60653	

LEGEND:

-  TEMPORARY SIGN PANELS
-  WORK ZONE
-  TRAFFIC ARROW
-  FLASHING ARROW BOARD
-  TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
-  TEMPORARY IMPACT ATTENUATORS
-  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION



FILE NAME =	DESIGNED - JJT	REVISED -
...\\p1r-abc.c3.298.mot.st.1.08.dgn	DRAWN - TWB	REVISED -
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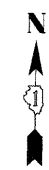
benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

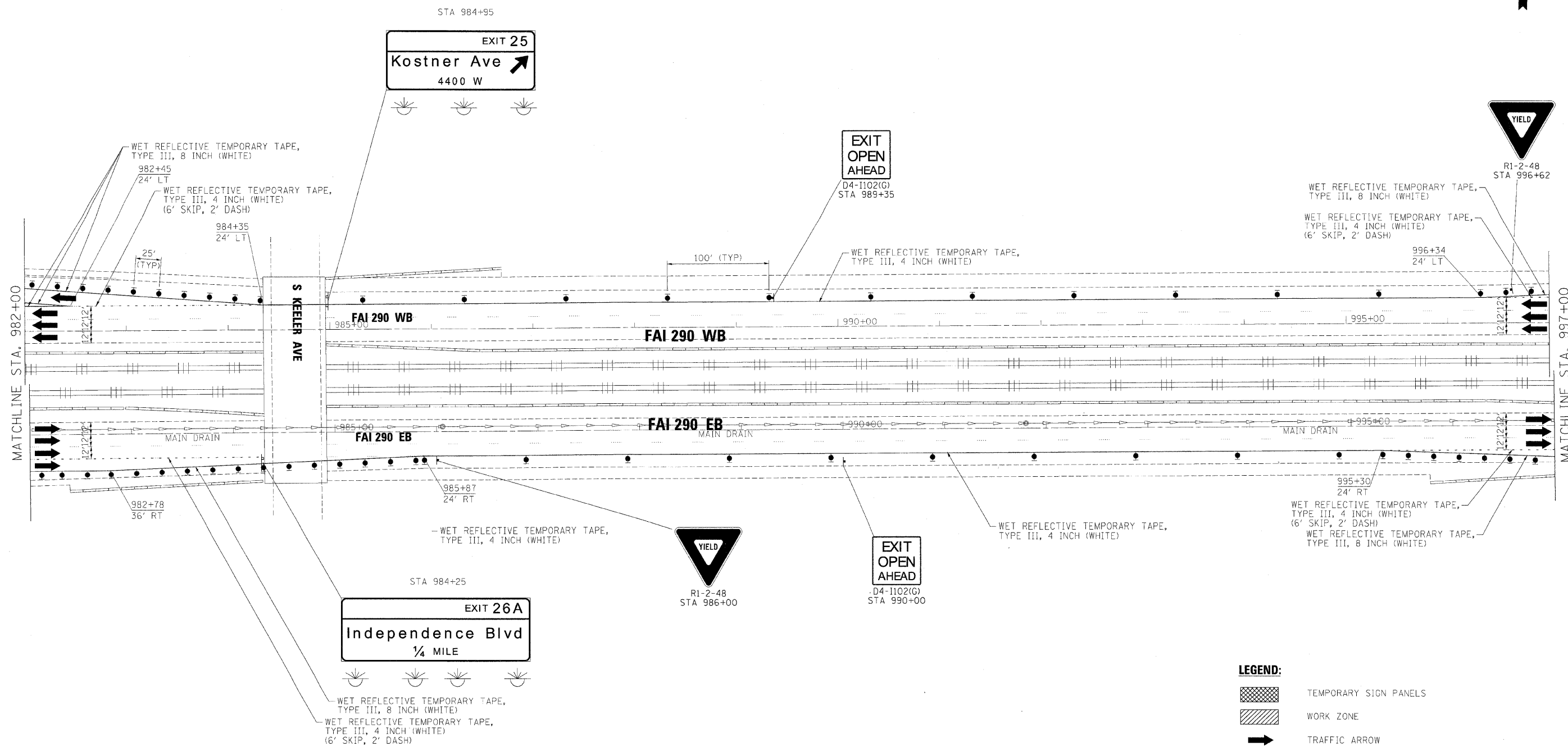
MAINTENANCE OF TRAFFIC
PLAN - STAGE 1

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	66
FED. ROAD DIS. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60G53	



R1-2-48
STA 996+62



- LEGEND:**
- TEMPORARY SIGN PANELS
 - WORK ZONE
 - TRAFFIC ARROW
 - FLASHING ARROW BOARD
 - TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
 - TEMPORARY IMPACT ATTENUATORS
 - TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - JJT	REVISED -
...\\p1n\ABC\C3.292_mot_ST1.09.dgn	DRAWN - TMB	REVISED -
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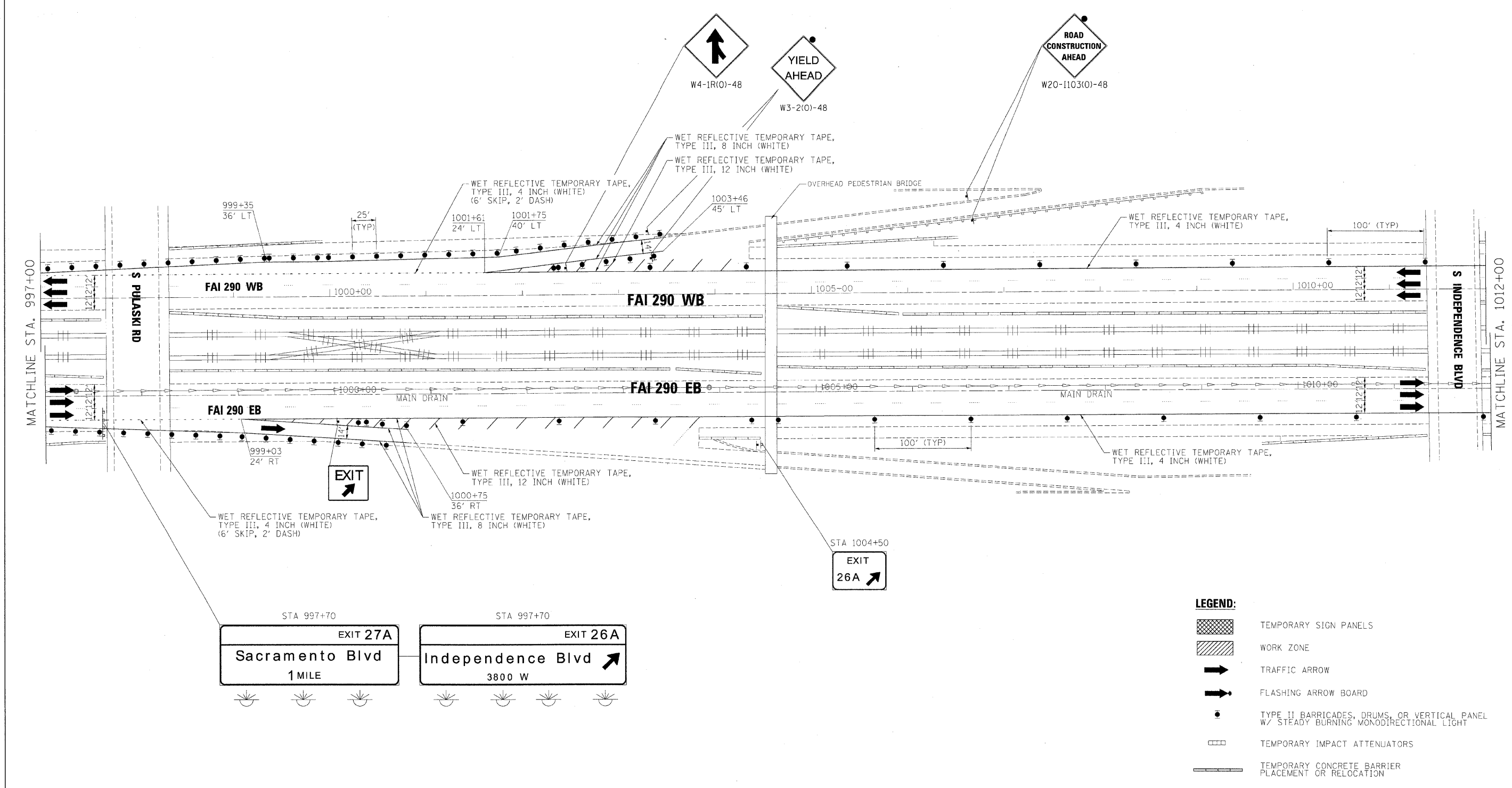
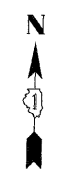
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131RS-7)	COOK	216	67
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60653	



LEGEND:

	TEMPORARY SIGN PANELS
	WORK ZONE
	TRAFFIC ARROW
	FLASHING ARROW BOARD
	TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
	TEMPORARY IMPACT ATTENUATORS
	TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - JJT	REVISED -
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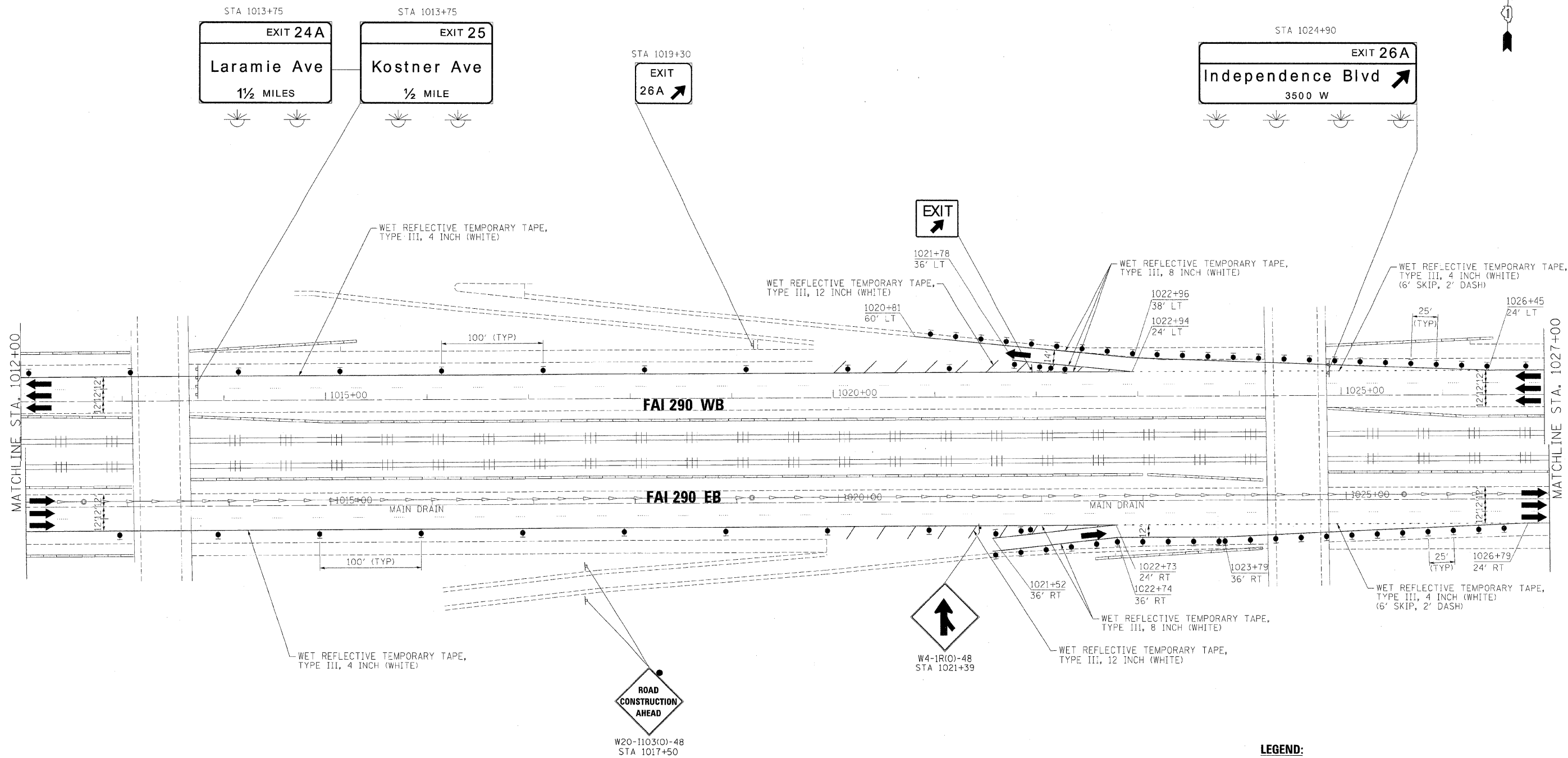
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	68
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60C53	



LEGEND:

	TEMPORARY SIGN PANELS
	WORK ZONE
	TRAFFIC ARROW
	FLASHING ARROW BOARD
	TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
	TEMPORARY IMPACT ATTENUATORS
	TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

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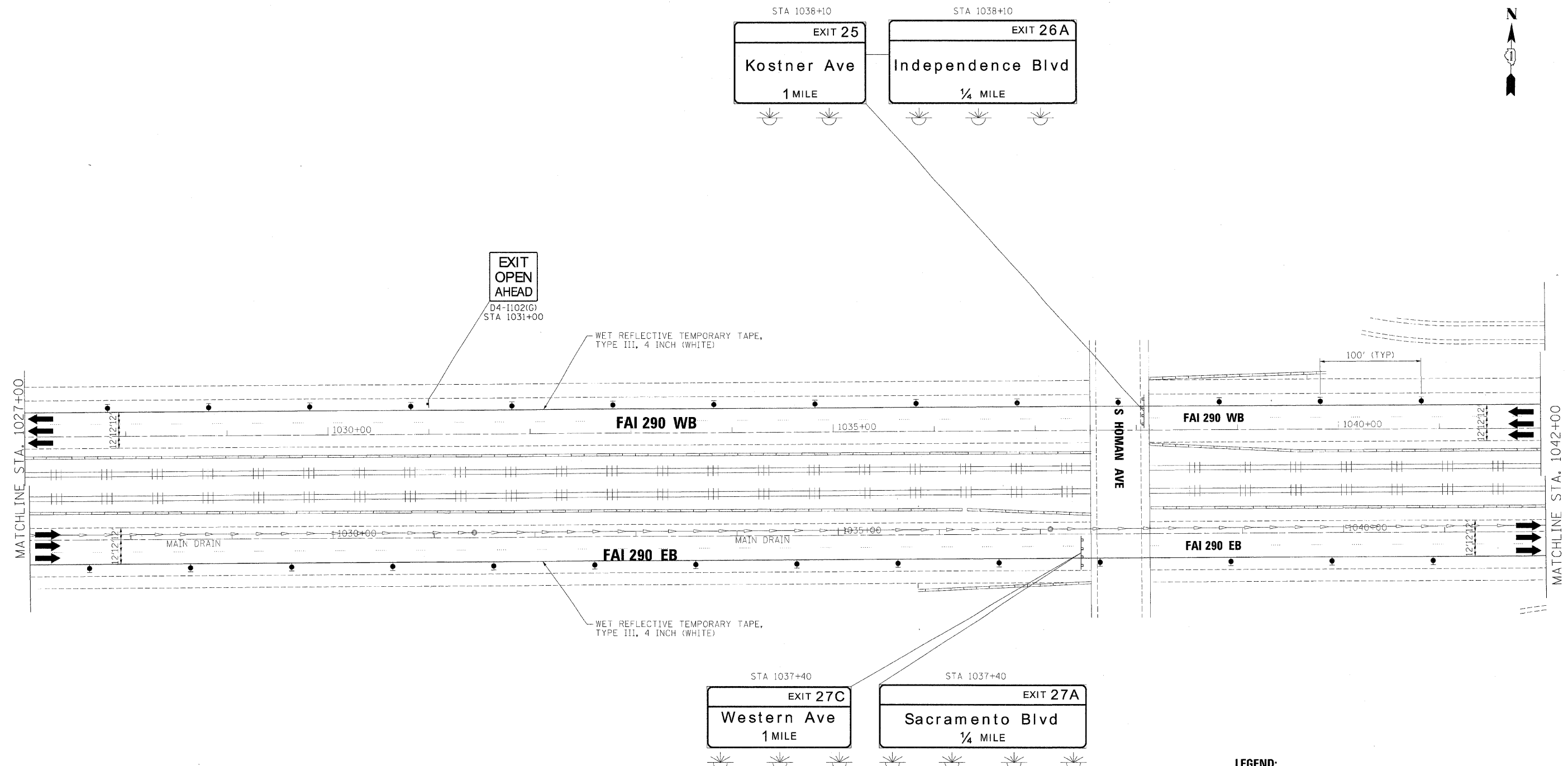
benesch








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	69
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60653	

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.



- LEGEND:**
-  TEMPORARY SIGN PANELS
 -  WORK ZONE
 -  TRAFFIC ARROW
 -  FLASHING ARROW BOARD
 -  TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
 -  TEMPORARY IMPACT ATTENUATORS
 -  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - JJT	REVISED -
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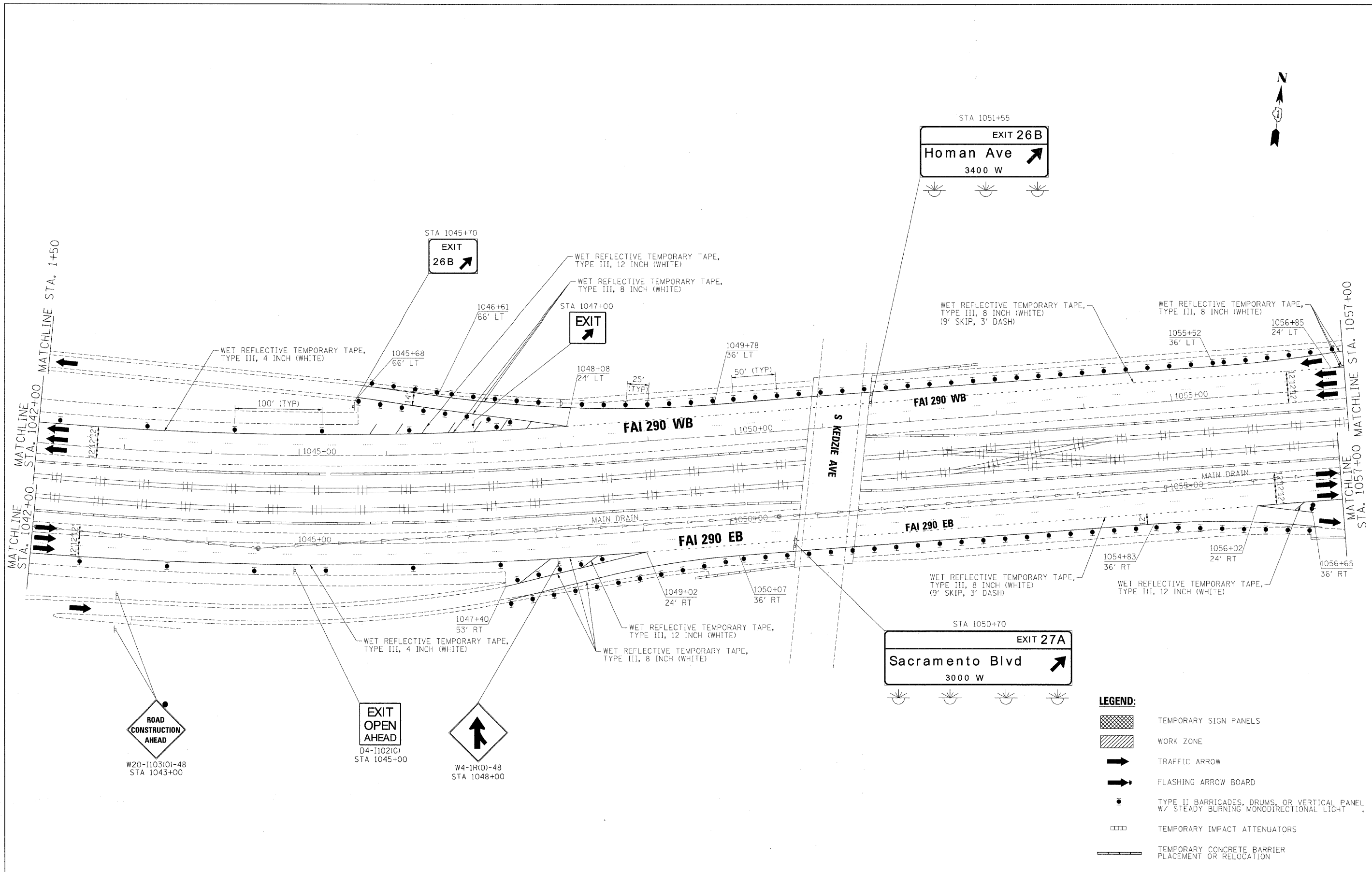
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	70
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



- LEGEND:**
- TEMPORARY SIGN PANELS
 - WORK ZONE
 - TRAFFIC ARROW
 - FLASHING ARROW BOARD
 - TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
 - TEMPORARY IMPACT ATTENUATORS
 - TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

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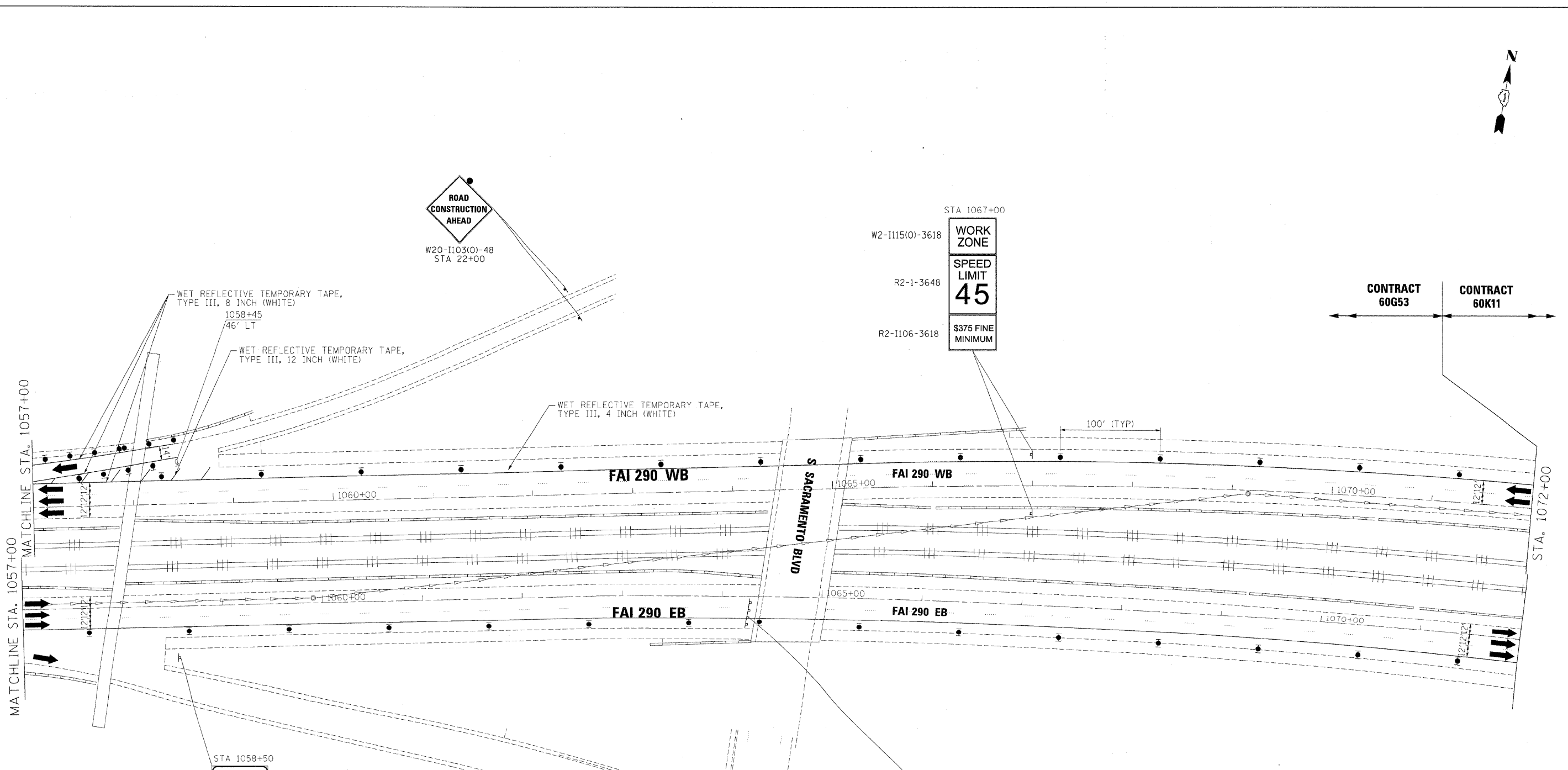
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.T. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	71
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60C53		



STA 1058+50

EXIT 27A

STA 1064+30

EXIT 28A
Damen Ave
1 MILE

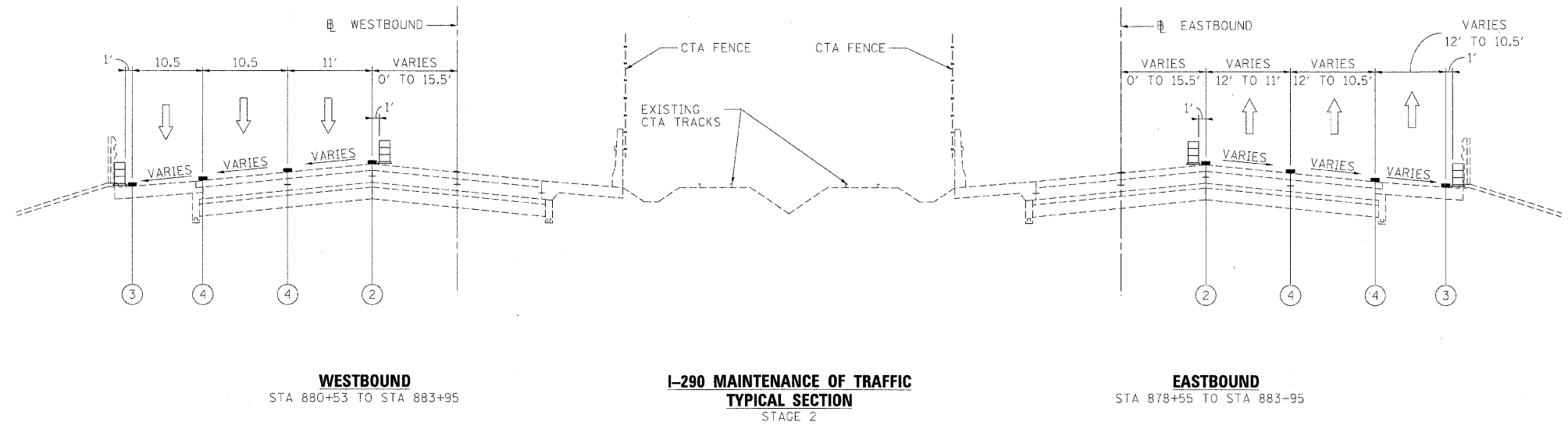
STA 1064+30

EXIT 27C
Western Ave
¼ MILE

LEGEND:

- TEMPORARY SIGN PANELS
- WORK ZONE
- TRAFFIC ARROW
- FLASHING ARROW BOARD
- TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

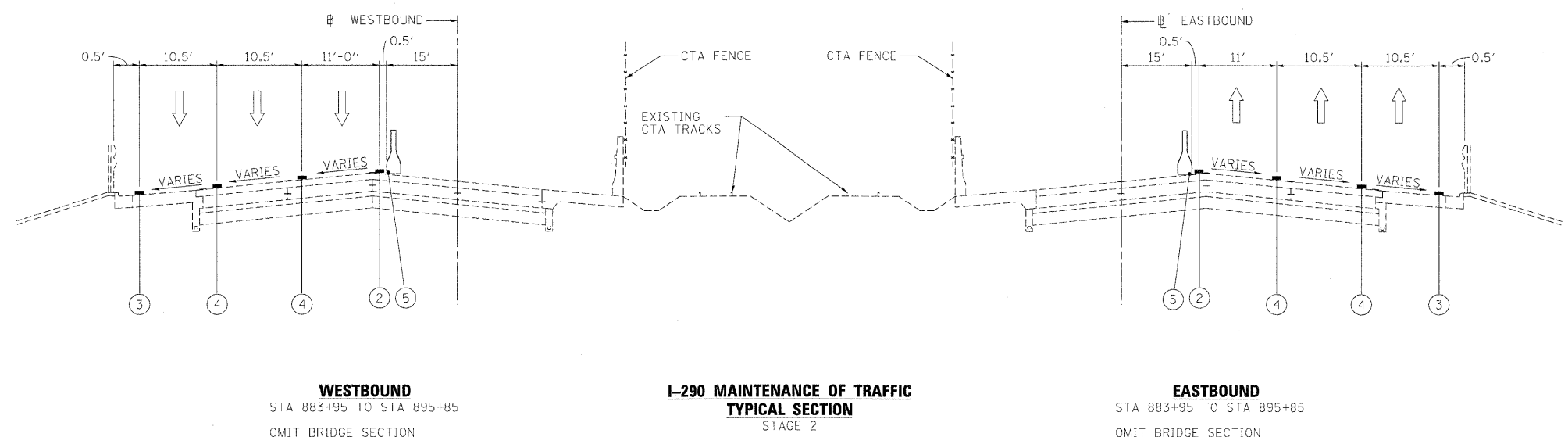
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DATE = 1/25/2010	DATE = 1/25/10	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



WESTBOUND
STA 880+53 TO STA 883+95

**I-290 MAINTENANCE OF TRAFFIC
TYPICAL SECTION
STAGE 2**

EASTBOUND
STA 878+55 TO STA 883-95



WESTBOUND
STA 883+95 TO STA 895+85
OMIT BRIDGE SECTION
STA 887+46 TO STA 892+36

**I-290 MAINTENANCE OF TRAFFIC
TYPICAL SECTION
STAGE 2**

EASTBOUND
STA 883+95 TO STA 895+85
OMIT BRIDGE SECTION
STA 887+45 TO STA 892+35

- LEGEND**
- ① EXISTING PAVEMENT MARKING
 - ② WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (YELLOW)
 - ③ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (WHITE)
 - ④ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 5 INCH (WHITE)
 - ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" (YELLOW) (ON BARRIER)
 - ⑥ TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE) (ON BARRIER)
 - ⑦ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 8 INCH (WHITE)
 - TEMPORARY CONCRETE BARRIER
 - TYPE II BARRIER, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - WORK ZONE

FILE NAME =	DESIGNED - AJP	REVISED -
...prpln_ABC.C3.m1.mot.typ.st.2.01.dgn	DRAWN - TMB	REVISED -
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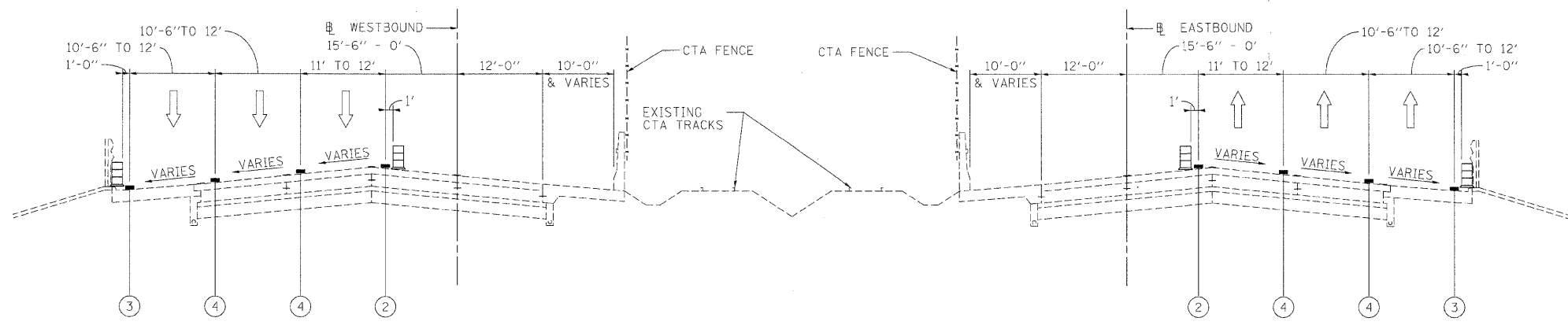
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
TYPICAL SECTION - STAGE 2**

SCALE: N.T.S. SHEET NO. 21 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131RS-7)	COOK	216	73
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	






WESTBOUND
STA 895+85 TO STA 901+30

**I-290 MAINTENANCE OF TRAFFIC
TYPICAL SECTION
STAGE 2**

EASTBOUND
STA 895+85 TO STA 901+30

LEGEND

- ① EXISTING PAVEMENT MARKING
- ② WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (YELLOW)
- ③ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (WHITE)
- ④ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 5 INCH (WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" (YELLOW) (ON BARRIER)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE) (ON BARRIER)
- ⑦ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 8 INCH (WHITE)
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRIER, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  WORK ZONE

FILE NAME =	DESIGNED - AJP	REVISED -
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PLOT DATE = 1/25/2010	CHECKED - JJT	REVISED -
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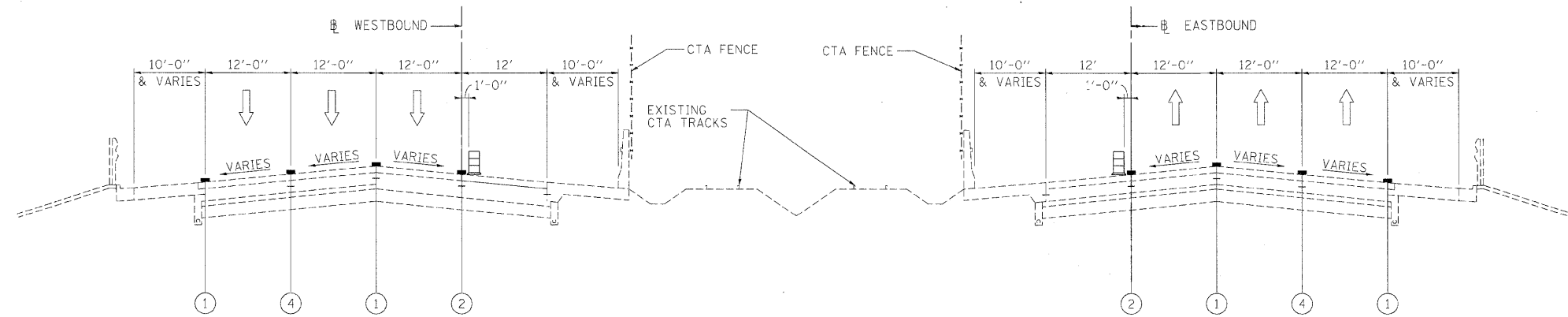
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
TYPICAL SECTION - STAGE 2**

SCALE: N.T.S. SHEET NO. 22 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	74
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60653	



WESTBOUND
STA 901+30 TO STA 1072+00

I-290 MAINTENANCE OF TRAFFIC
TYPICAL SECTION
STAGE 2

EASTBOUND
STA 901+30 TO STA 1072+00

LEGEND

- ① EXISTING PAVEMENT MARKING
- ② WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (YELLOW)
- ③ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 4 INCH (WHITE)
- ④ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 5 INCH (WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" (YELLOW) (ON BARRIER)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE) (ON BARRIER)
- ⑦ WET REFLECTIVE TEMPORARY TAPE, - TYPE III, 8 INCH (WHITE)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRIER, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- WORK ZONE

FILE NAME =	DESIGNED - AJP	REVISED -
...prpIn_ABC_C3_mI_mot_typ.st-2_02a.dgn	DRAWN - TMB	REVISED -
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

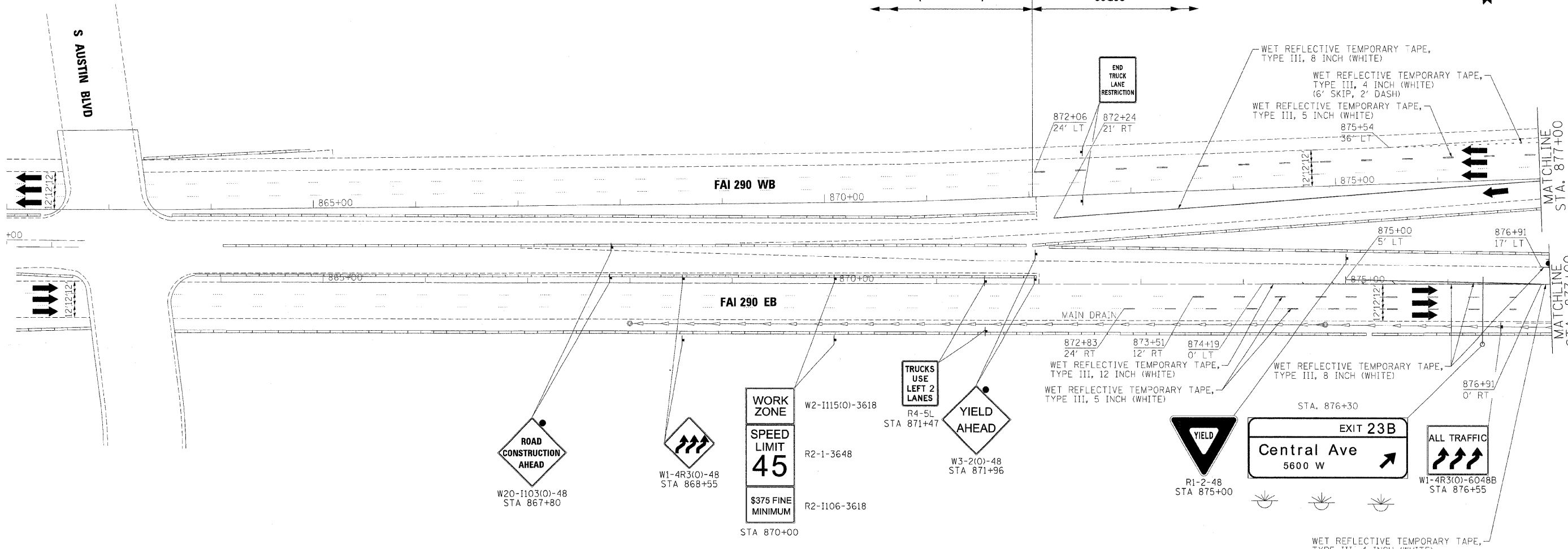
MAINTENANCE OF TRAFFIC
TYPICAL SECTION - STAGE 2

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	75
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60G53	



CONTRACT 60K10 (BY OTHERS) CONTRACT 60G53



ROAD CONSTRUCTION AHEAD
W20-1103(O)-48
STA 867+80

WORK ZONE
W1-4R3(O)-48
STA 868+55

WORK ZONE
SPEED LIMIT 45
\$375 FINE MINIMUM
W2-1115(O)-3618
R2-1-3648
R2-1106-3618
STA 870+00

TRUCKS USE LEFT 2 LANES
R4-5L
STA 871+47

YIELD AHEAD
W3-2(O)-48
STA 871+96

YIELD
R1-2-48
STA 875+00

EXIT 23B
Central Ave
5600 W

ALL TRAFFIC
W1-4R3(O)-6048B
STA 876+55

- LEGEND:**
- TEMPORARY SIGN PANELS
 - WORK ZONE
 - TRAFFIC ARROW
 - FLASHING ARROW BOARD
 - TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
 - TEMPORARY IMPACT ATTENUATORS
 - TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - AJP	REVISED -
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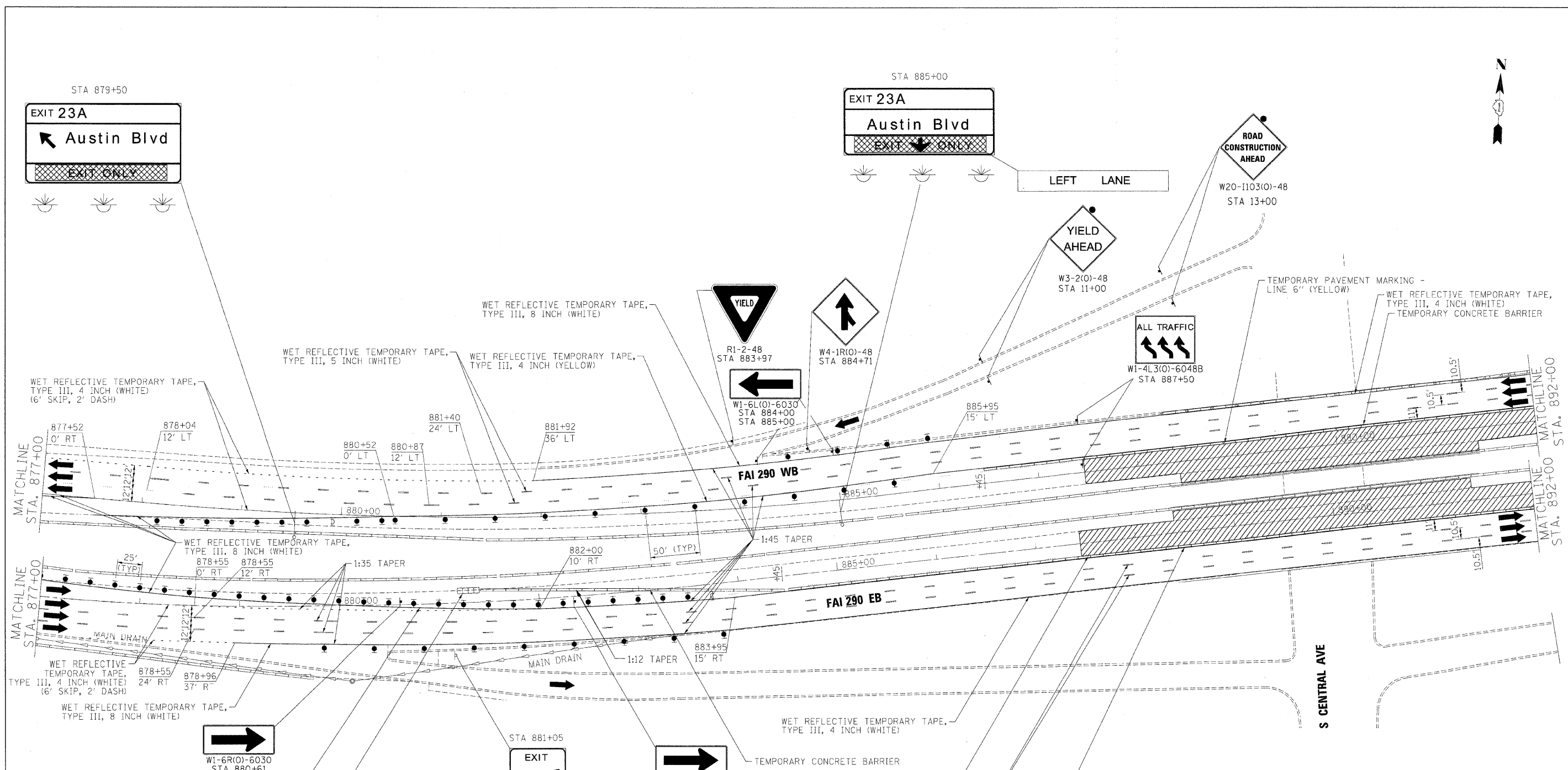
benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PLAN - STAGE 2

SCALE: 1"=50' SHEET NO. 24 OF 44 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	76
CONTRACT NO. 60G53				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND:

	TEMPORARY SIGN PANELS
	WORK ZONE
	TRAFFIC ARROW
	FLASHING ARROW BOARD
	TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
	TEMPORARY IMPACT ATTENUATORS
	TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

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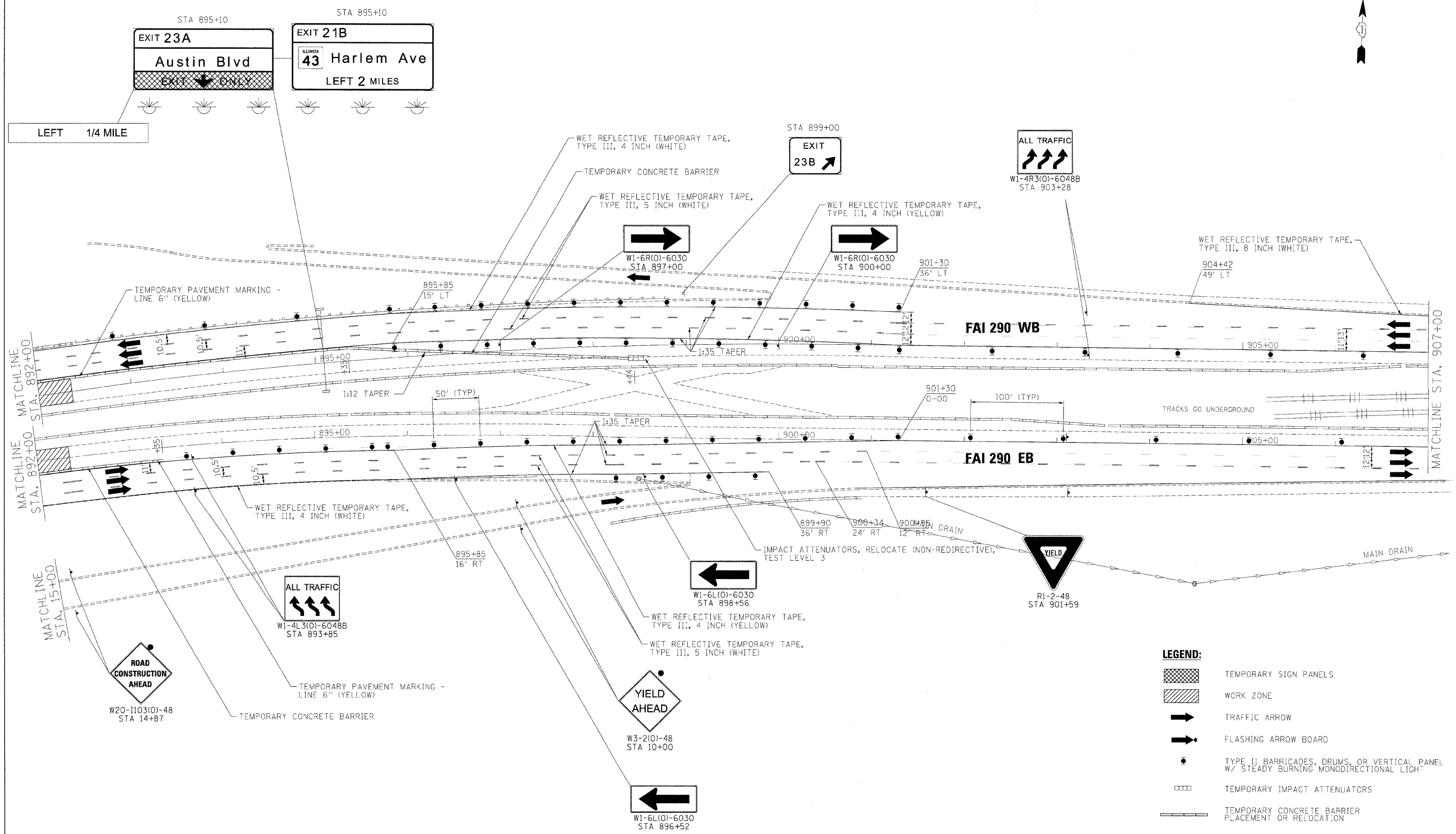
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 25 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216 / 77
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 60653



LEGEND:

	TEMPORARY SIGN PANELS
	WORK ZONE
	TRAFFIC ARROW
	FLASHING ARROW BOARD
	TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
	TEMPORARY IMPACT ATTENUATORS
	TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - AJP	REVISED -
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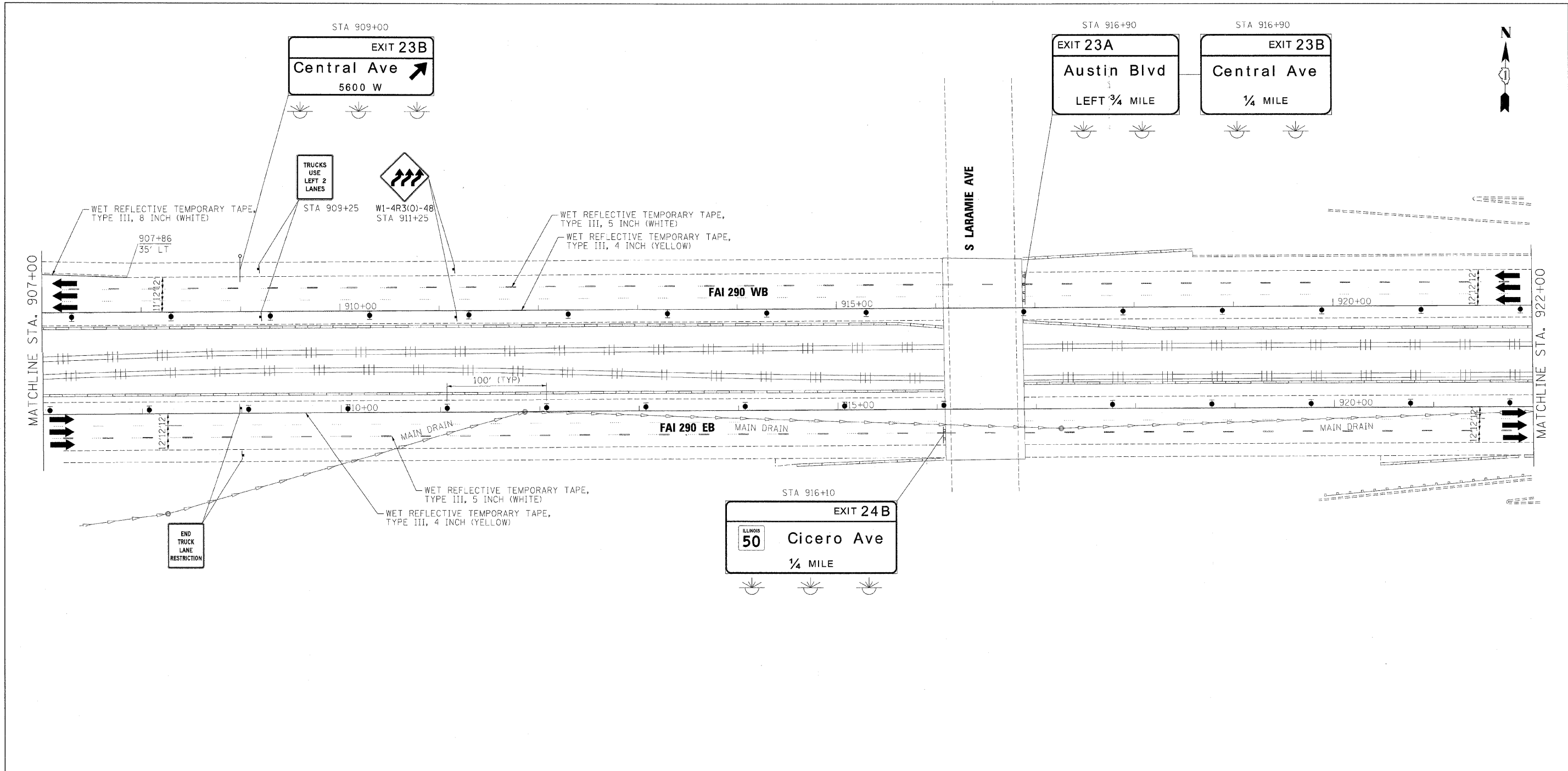
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





**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 26 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	78
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60653	



- LEGEND:**
-  TEMPORARY SIGN PANELS
 -  WORK ZONE
 -  TRAFFIC ARROW
 -  FLASHING ARROW BOARD
 -  TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
 -  TEMPORARY IMPACT ATTENUATORS
 -  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

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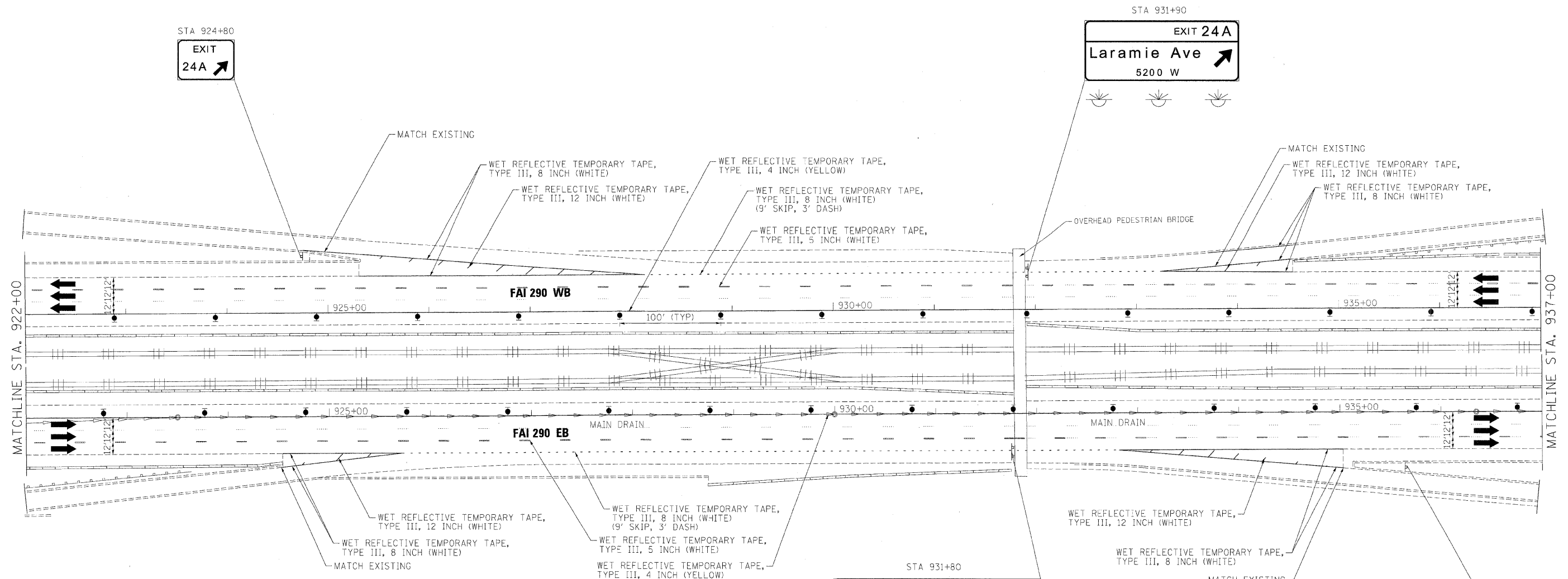
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131RS-7)	COOK	216	79
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60G53	



LEGEND:

- TEMPORARY SIGN PANELS
- WORK ZONE
- TRAFFIC ARROW
- FLASHING ARROW BOARD
- TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - JJT	REVISED -
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PLOT DATE = 1/25/2010	CHECKED - AJP	REVISED -
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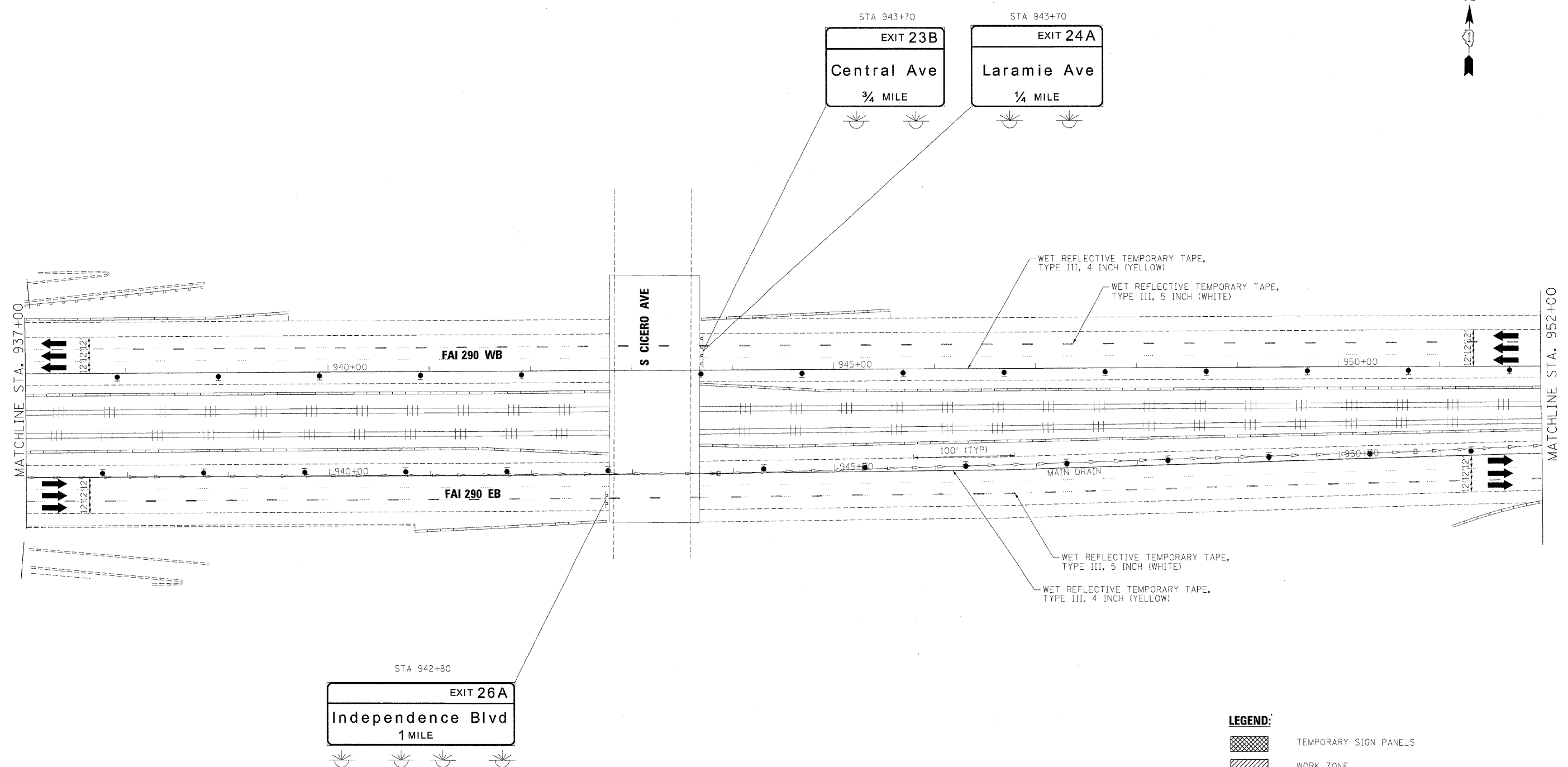
benesch








STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 2	
SCALE: 1"=50'	SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	80
CONTRACT NO. 60653				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- LEGEND:**
-  TEMPORARY SIGN PANELS
 -  WORK ZONE
 -  TRAFFIC ARROW
 -  FLASHING ARROW BOARD
 -  TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
 -  TEMPORARY IMPACT ATTENUATORS
 -  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - JJT	REVISED -
...\\p1p1n.abc.c3.290.mot.st.2.06.dgn	DRAWN - TMB	REVISED -
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PLDT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

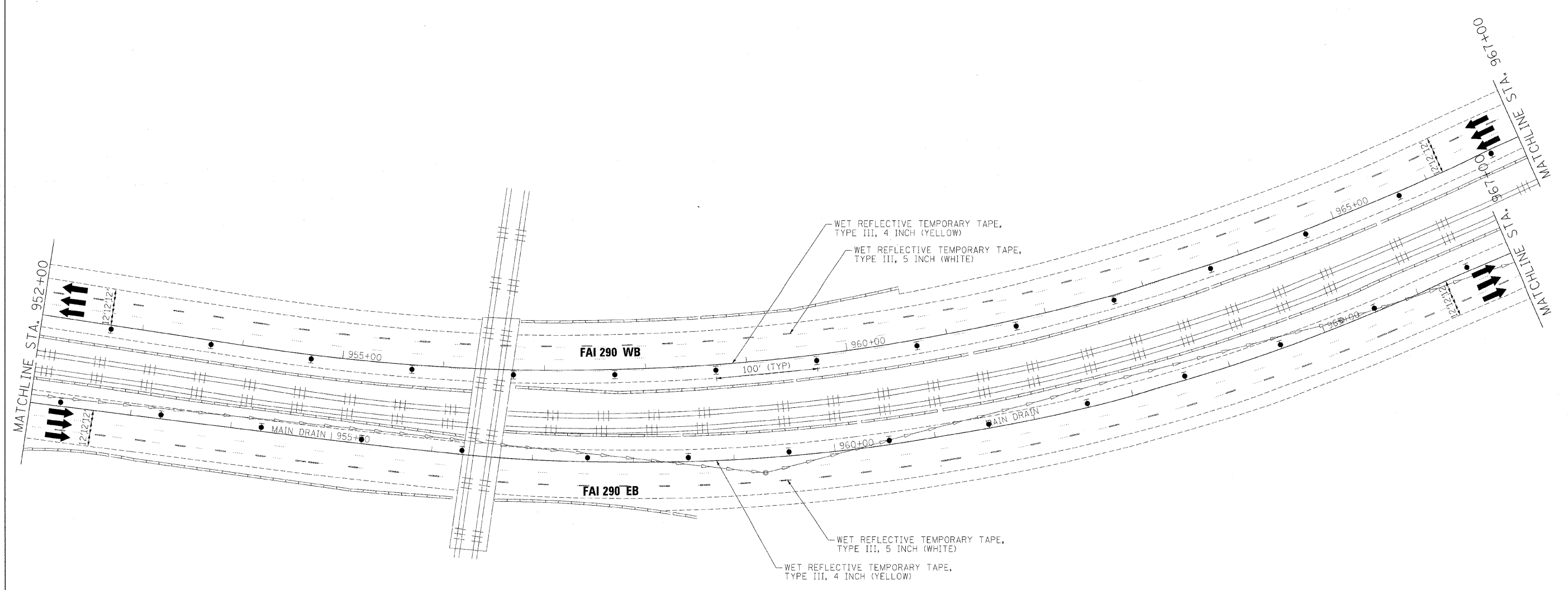
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**








**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	81
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



LEGEND:

	TEMPORARY SIGN PANELS
	WORK ZONE
	TRAFFIC ARROW
	FLASHING ARROW BOARD
	TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
	TEMPORARY IMPACT ATTENUATORS
	TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME -	DESIGNED - JJT	REVISED -
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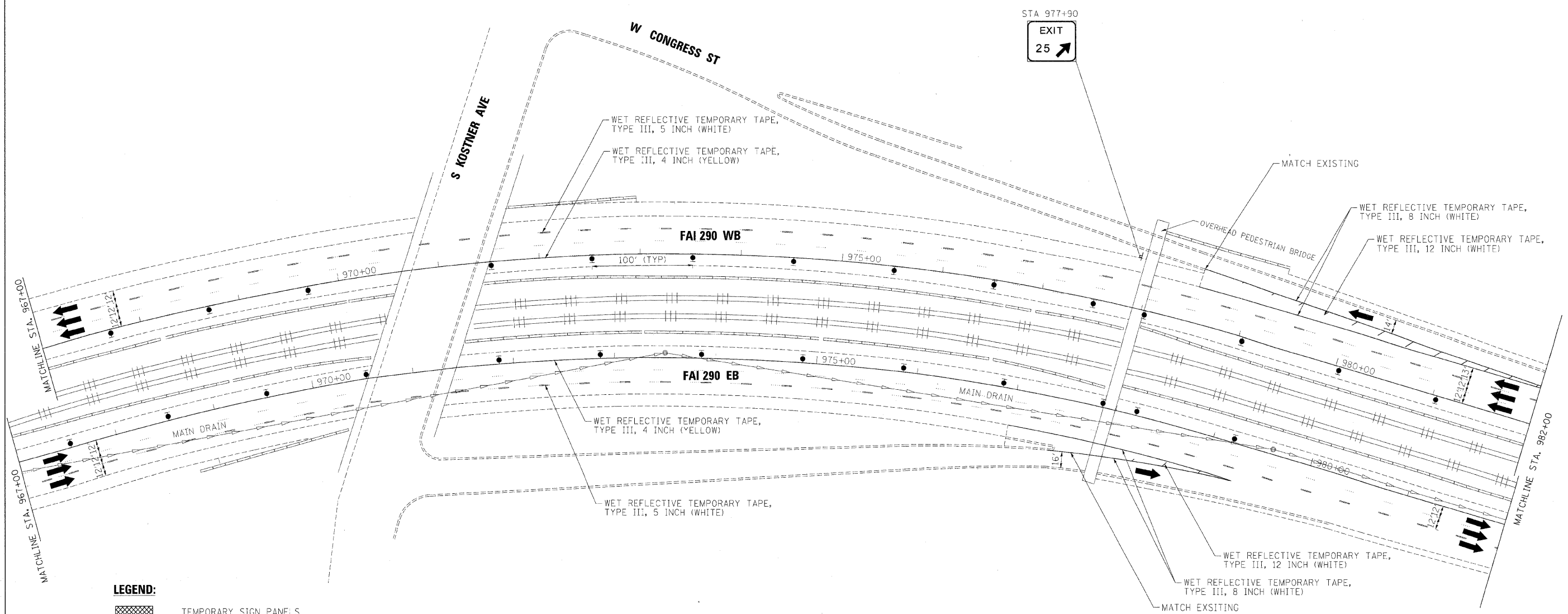
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	82
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



LEGEND:

- TEMPORARY SIGN PANELS
- WORK ZONE
- TRAFFIC ARROW
- FLASHING ARROW BOARD
- TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - JJT	REVISED -
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PLDT DATE = 1/25/2010	CHECKED - AJP	REVISED -
	DATE - 1/25/10	REVISED -

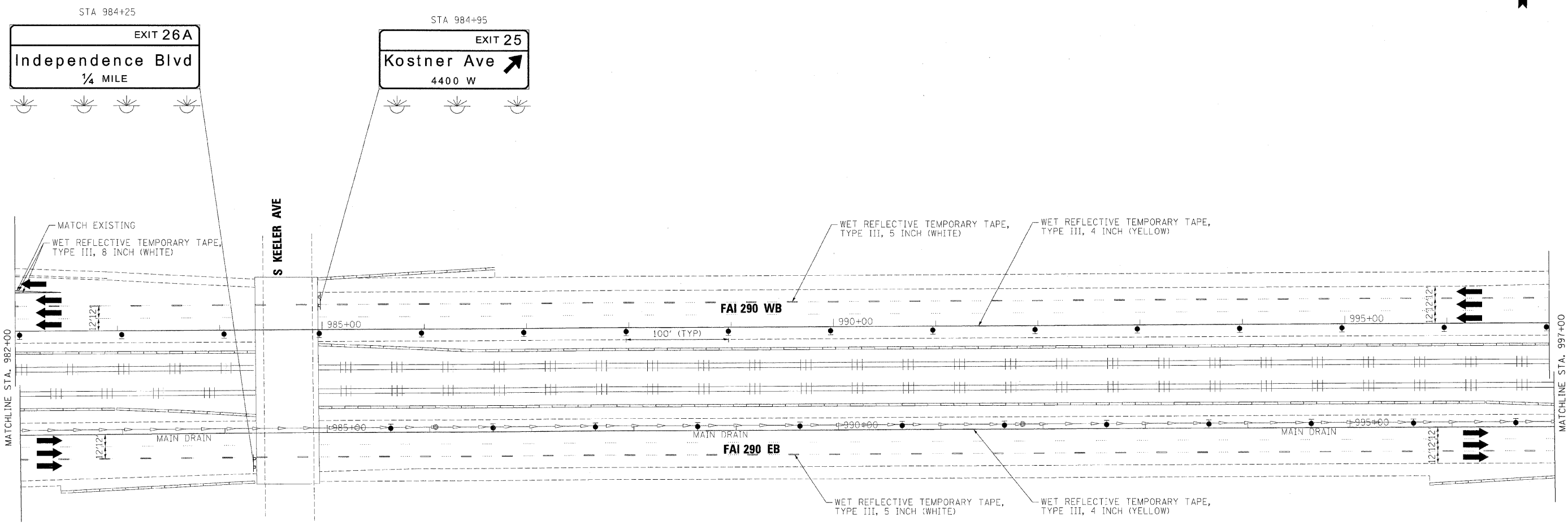
benesch








STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PLAN - STAGE 2

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	83
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



- LEGEND:**
-  TEMPORARY SIGN PANELS
 -  WORK ZONE
 -  TRAFFIC ARROW
 -  FLASHING ARROW BOARD
 -  TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
 -  TEMPORARY IMPACT ATTENUATORS
 -  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - JJT	REVISED -
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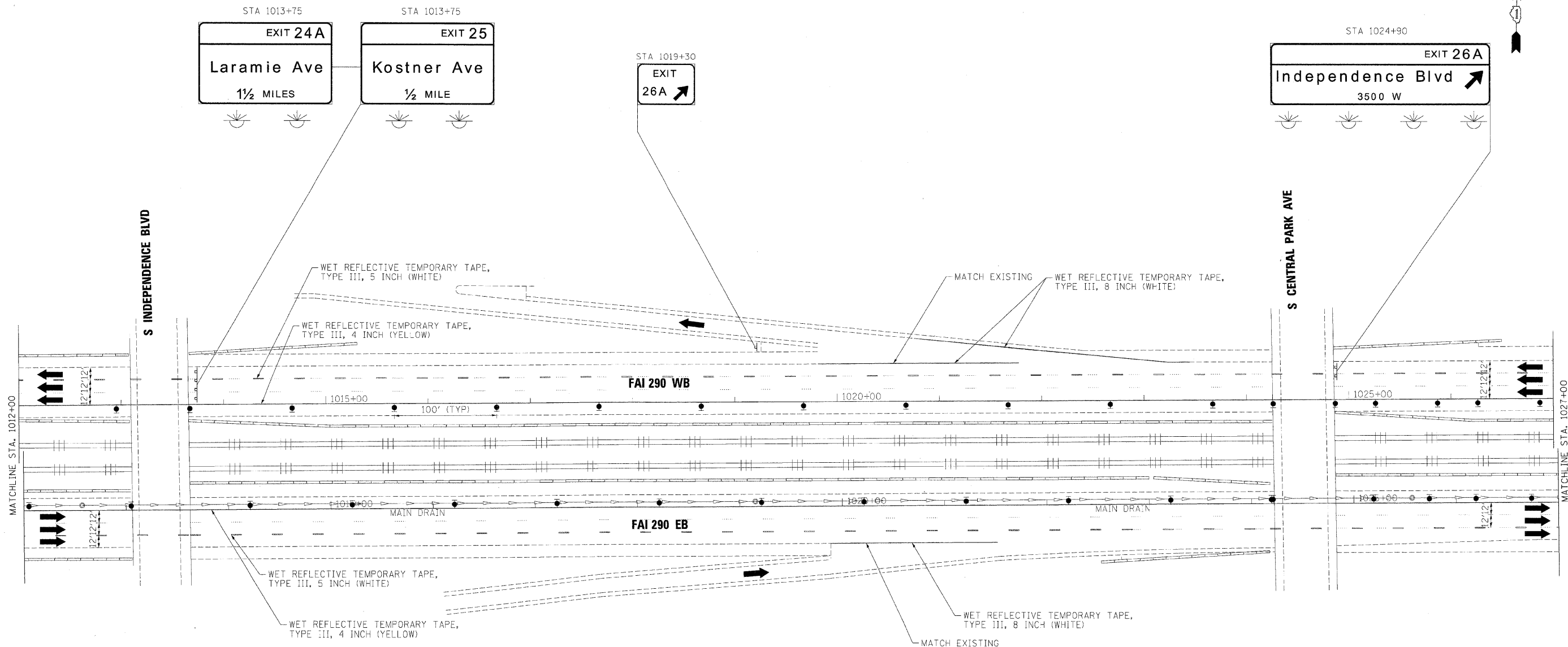
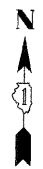
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**








**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 31)RS-7	COOK	216	84
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60653	



LEGEND:

-  TEMPORARY SIGN PANELS
-  WORK ZONE
-  TRAFFIC ARROW
-  FLASHING ARROW BOARD
-  TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
-  TEMPORARY IMPACT ATTENUATORS
-  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - JJT	REVISED -
...p\p\in-ABC_C3_290.mot.ST_2.11.dgn	DRAWN - TMB	REVISED -
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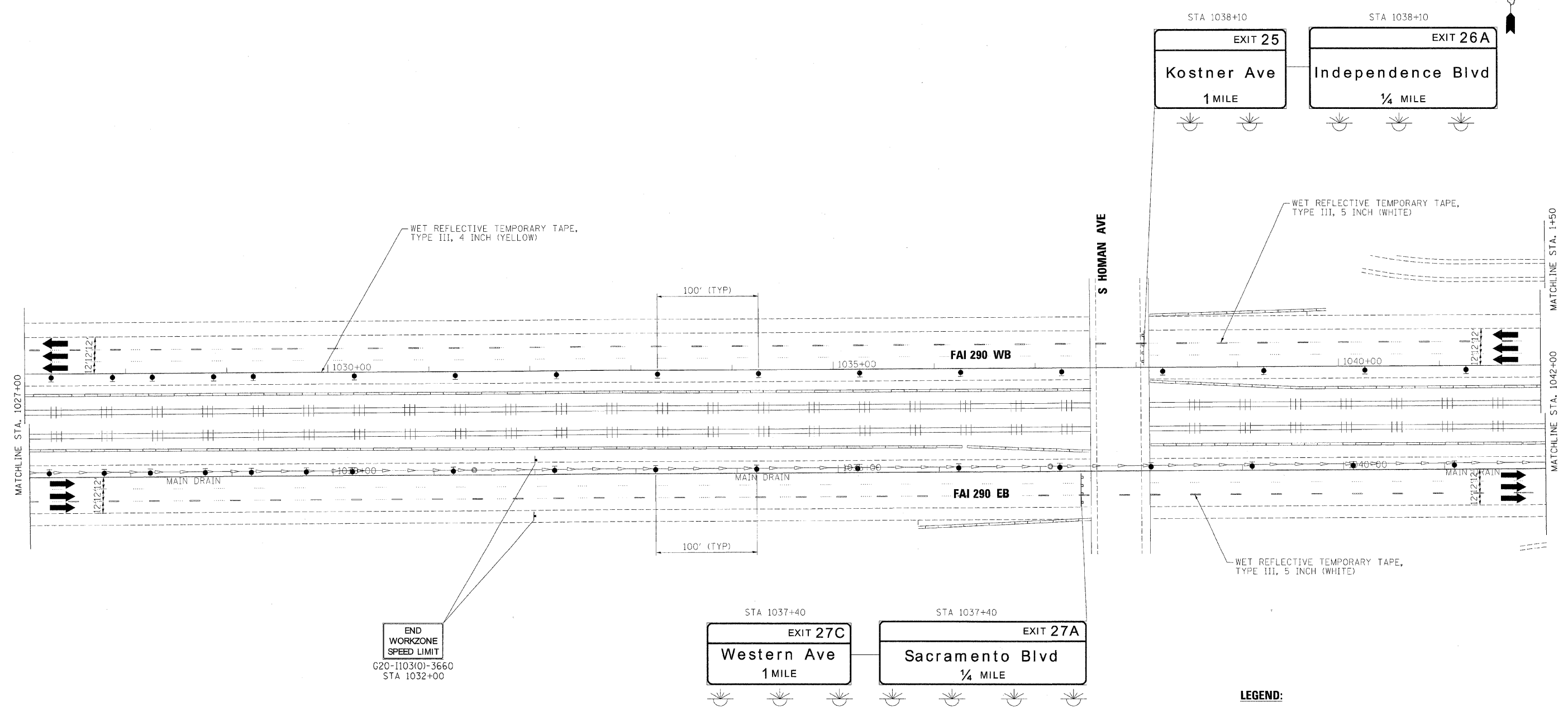
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	86
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60653	



LEGEND:

	TEMPORARY SIGN PANELS
	WORK ZONE
	TRAFFIC ARROW
	FLASHING ARROW BOARD
	TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
	TEMPORARY IMPACT ATTENUATORS
	TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

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PLOT DATE = 1/25/2010	DATE = 1/25/10	REVISED -

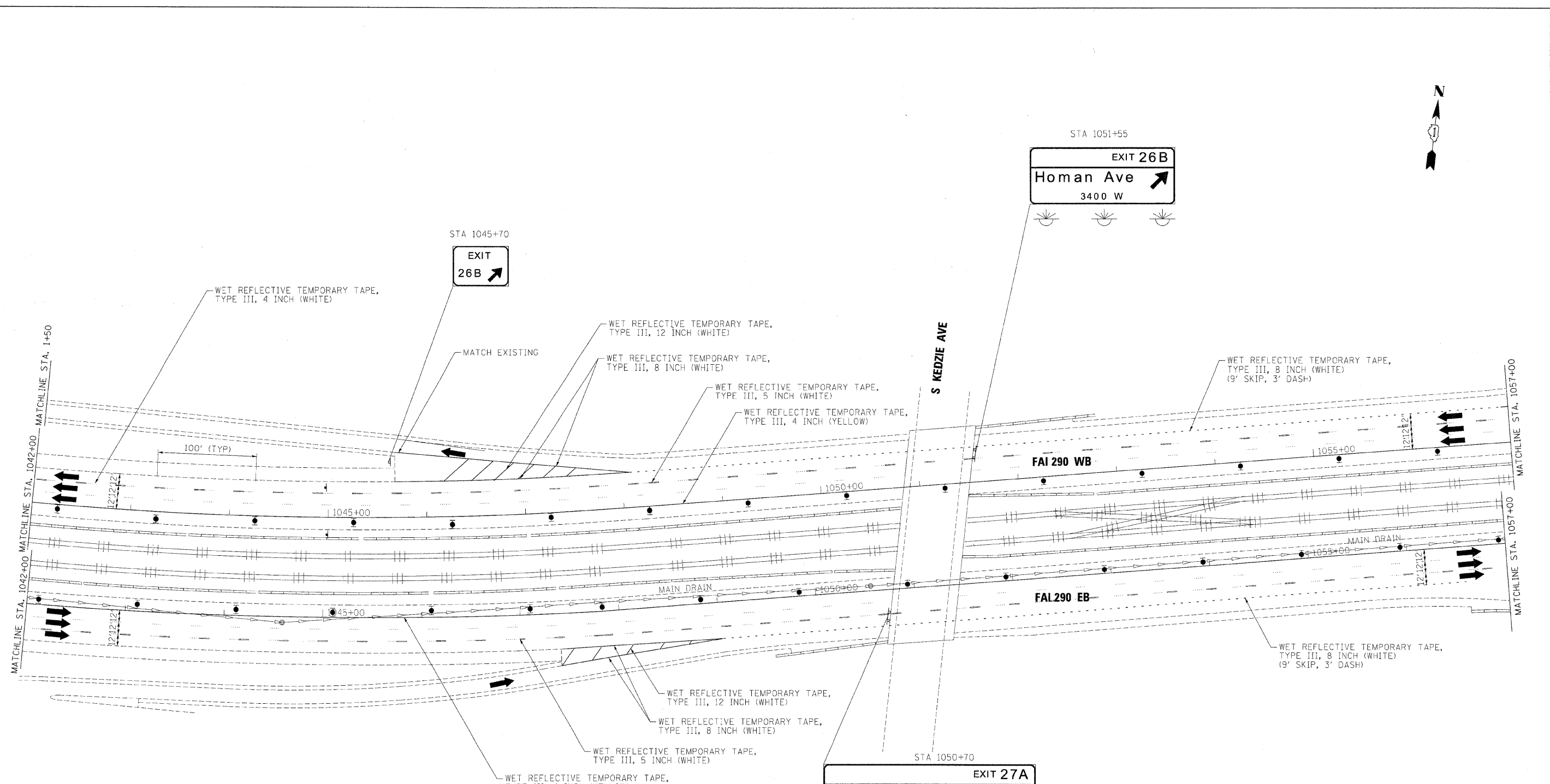
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 35 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	87
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



- LEGEND:**
- TEMPORARY SIGN PANELS
 - WORK ZONE
 - TRAFFIC ARROW
 - FLASHING ARROW BOARD
 - TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
 - TEMPORARY IMPACT ATTENUATORS
 - TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

FILE NAME =	DESIGNED - JJT	REVISED -
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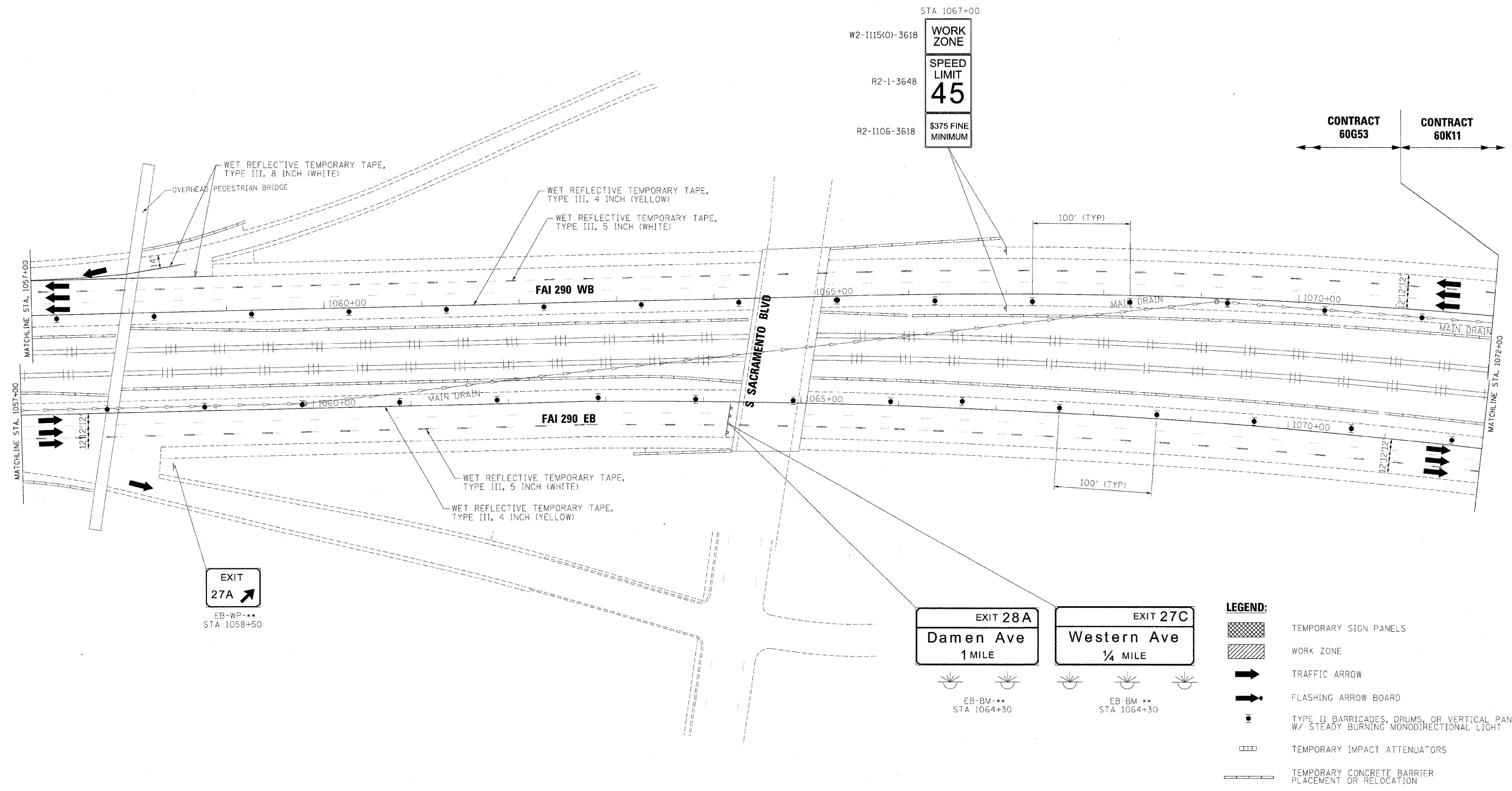
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	88
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60653	



- LEGEND:**
- TEMPORARY SIGN PANELS
 - WORK ZONE
 - TRAFFIC ARROW
 - FLASHING ARROW BOARD
 - TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
 - TEMPORARY IMPACT ATTENUATORS
 - TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION

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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

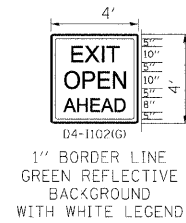
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131RS-7)	COOK	216	89
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	

STAGE III

STAGE III NOTES

1. SUGGESTED SEQUENCE OF CONSTRUCTION: PAVEMENT PATCHING, HMA SURFACE REMOVAL AND PROPOSED HMA COURSES AS DETAILED IN EACH OPERATION. THE CONTRACTOR MAY SUBMIT AN ALTERNATE SEQUENCE OF OPERATIONS PLAN FOR APPROVAL OF THE ENGINEER. IF THE ALTERNATE SEQUENCE OF OPERATIONS CONTAINS GRADE DIFFERENTIALS BETWEEN LANES GREATER THAN 2", A LONGITUDINAL WEDGE WILL BE REQUIRED. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE LOCATION(S) AND DETAIL(S) FOR THE LONGITUDINAL WEDGE IF REQUIRED. THE COST FOR THE PLACEMENT AND REMOVAL OF THE WEDGE SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF VARIOUS HMA ITEMS. RAMP WORK WILL BE COMPLETED USING DISTRICT DETAIL TC-8 - FREEWAY AND EXIT RAMP CLOSURE DETAILS.
2. LANE AND RAMP CLOSURES ALLOWED AS STIPULATED IN THE SPECIAL PROVISIONS. CONTRACTOR MAY NOT CLOSE ADJACENT EXIT OR ENTRANCE RAMPS AT THE SAME TIME.
3. LANE CLOSURES FOR RESURFACING OPERATIONS SHALL BE AS STIPULATED IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC."
4. LANE CLOSURES PER STANDARDS 701400, 701401 AND 701446.
5. REDUCE LANE WIDTH USING 35:1 TAPER PER DISTRICT DETAIL TC-9 - TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE AND MULTI-LANE WEAVE, A W5-1 (48" X 48") ROAD NARROWS SIGN WILL BE ERECTED 500' IN ADVANCE OF THE TAPER.
6. THE CONTRACTOR SHALL ERECT ROAD CONSTRUCTION AHEAD SIGNS (W20-1103(C-48)) WITH FLASHING BEACON ON ALL ARTERIAL ROADWAYS APPROACHING INTERCHANGE RAMPS.
7. GRADE DIFFERENTIAL BETWEEN LANES SHALL NOT EXCEED 2".
8. PARTIAL MILLING OF PAVEMENT FOR AN OPERATION WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE PAID FOR AT THE FINAL MILLING THICKNESS SHOWN ON THE TYPICAL SECTIONS.
9. EPOXY PAVEMENT MARKING LINES SHALL BE USED FOR TEMPORARY PAVEMENT MARKINGS.
10. REMOVAL OF EXISTING PAVEMENT MARKING, WHEN REQUIRED, SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL."
11. EXISTING OR TEMPORARY PAVEMENT MARKINGS REMOVED DURING MILLING OPERATIONS WILL NOT BE PAID FOR SEPARATELY.
12. CASTINGS EXPOSED IN TRAVEL LANES SHALL BE PROTECTED PER APPLICABLE PORTIONS OF ARTICLE 603.07 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE VARIOUS HMA/SMA BINDER AND SURFACE COURSES PLACED.
13. OMIT STAGE III OPERATIONS THROUGH BRIDGE AND CONCRETE SECTIONS.
14. SIGNS SHALL BE INSTALLED AS INSTRUCTED BELOW.



SIGN SHALL BE INSTALLED IN ADVANCE OF ALL OPEN/EXIT RAMPS WHEN THE RIGHT LANES ARE CLOSED.



SIGN SHALL BE INSTALLED ON BOTH SIDES OF THE ROADWAY 500' IN ADVANCE OF AREAS WHERE THERE IS A GRADE DIFFERENTIAL BETWEEN LANES, AFTER EACH ENTRANCE RAMP AND A MINIMUM OF EVERY MILE.

15. THE CONTRACTOR SHALL COORDINATE THE ROADWAY AND STRUCTURAL WORK SO BITUMINOUS MATERIALS ARE NOT TRACKED ON THE BRIDGE DECKS BEFORE BEING SEALED.
16. "EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS" SHALL BE INSTALLED ON MAINLINE ROADWAY DURING STAGE III OPERATIONS, IN LOCATIONS WHERE LETTERS/SYMBOLS PAVEMENT MARKINGS EXIST PRIOR TO SURFACE REMOVAL.
17. WORK ZONE SPEED LIMIT SIGNS SHALL REMAIN IN PLACE UNTIL ALL BINDER IS PLACED.

LEGEND

- ① EXISTING PAVEMENT MARKING
- ② EPOXY PAVEMENT MARKING - LINE 5" (WHITE 10' DASH, 30' SKIP)
- ③ EPOXY PAVEMENT MARKING - LINE 4" (YELLOW LEFT & WHITE RIGHT)
- ④ PROPOSED PAVEMENT MARKING. SEE PAVEMENT MARKING PLANS.



- BITUMINOUS SURFACE REMOVAL
- HMA/SMA BINDER AND SURFACE COURSES

NOTE

PATCHING TO BE COMPLETED IN STAGES 1 AND 2 UNDER PERMANENT LANE CLOSURES. ANY PATCHING NOT COMPLETED IN STAGES 1 AND 2 SHALL BE COMPLETED UNDER WEEKEND CLOSURES USING DISTRICT 1 DETAIL TC-25 TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE AND SHOULDER LANE CLOSURE. THE CLASS OF CONCRETE FOR CLASS A PATCHES SHALL BE PP-3 OR HIGHER.

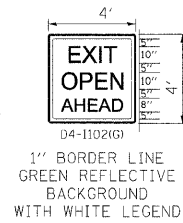
THE CONTRACTOR SHALL STAGE RESURFACING OPERATIONS SUCH THAT THE CROSS SLOPE FROM THE CROWN OF THE ROADWAY TO THE OUTSIDE EDGE OF THE SHOULDER WILL NOT TRAP WATER ON OPEN TRAFFIC LANES.

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\ppp\in\ABC\C3\ml\mot.typ.st.3.01.dgn	DRAWN - DMS	REVISED -			290	(2727, ETC., 3131)RS-7	COOK	216	90			
USER NAME = jmajewski	CHECKED - CAR	REVISED -			CONTRACT NO. 60653							
PLDT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE:	SHEET NO. 38 OF 44 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

STAGE III

STAGE III NOTES

- SUGGESTED SEQUENCE OF CONSTRUCTION: PAVEMENT PATCHING, HMA SURFACE REMOVAL AND PROPOSED HMA COURSES AS DETAILED IN EACH OPERATION. THE CONTRACTOR MAY SUBMIT AN ALTERNATE SEQUENCE OF OPERATIONS PLAN FOR APPROVAL OF THE ENGINEER. IF THE ALTERNATE SEQUENCE OF OPERATIONS CONTAINS GRADE DIFFERENTIALS BETWEEN LANES GREATER THAN 2", A LONGITUDINAL WEDGE WILL BE REQUIRED. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE LOCATION(S) AND DETAIL(S) FOR THE LONGITUDINAL WEDGE IF REQUIRED. THE COST FOR THE PLACEMENT AND REMOVAL OF THE WEDGE SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF VARIOUS HMA ITEMS. RAMP WORK WILL BE COMPLETED USING DISTRICT DETAIL TC-8 - FREEWAY AND EXIT RAMP CLOSURE DETAILS.
- LANE AND RAMP CLOSURES ALLOWED AS STIPULATED IN THE SPECIAL PROVISIONS. CONTRACTOR MAY NOT CLOSE ADJACENT EXIT OR ENTRANCE RAMP AT THE SAME TIME.
- LANE CLOSURES FOR RESURFACING OPERATIONS SHALL BE AS STIPULATED IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC."
- LANE CLOSURES PER STANDARDS 701400, 701401 AND 701446.
- REDUCE LANE WIDTH USING 35:1 TAPER PER DISTRICT DETAIL TC-9 - TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE AND MULTI-LANE WEAVE, A W5-1 (48 X 48) ROAD NARROWS SIGN WILL BE ERRECTED 500' IN ADVANCE OF THE TAPER.
- THE CONTRACTOR SHALL ERECT ROAD CONSTRUCTION AHEAD SIGNS (W20-1103(O-48) WITH FLASHING BEACON ON ALL ARTERIAL ROADWAYS APPROACHING INTERCHANGE RAMP.
- GRADE DIFFERENTIAL BETWEEN LANES SHALL NOT EXCEED 2".
- PARTIAL MILLING OF PAVEMENT FOR AN OPERATION WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE PAID FOR AT THE FINAL MILLING THICKNESS SHOWN ON THE TYPICAL SECTIONS.
- EPOXY PAVEMENT MARKING LINES SHALL BE USED FOR TEMPORARY PAVEMENT MARKINGS.
- REMOVAL OF EXISTING PAVEMENT MARKING, WHEN REQUIRED, SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL."
- EXISTING OR TEMPORARY PAVEMENT MARKINGS REMOVED DURING MILLING OPERATIONS WILL NOT BE PAID FOR SEPARATELY.
- CASTINGS EXPOSED IN TRAVEL LANES SHALL BE PROTECTED PER APPLICABLE PORTIONS OF ARTICLE 603.07 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE VARIOUS HMA/SMA BINDER AND SURFACE COURSES PLACED.
- OMIT STAGE III OPERATIONS THROUGH BRIDGE AND CONCRETE SECTIONS.
- SIGNS SHALL BE INSTALLED AS INSTRUCTED BELOW.



SIGN SHALL BE INSTALLED IN ADVANCE OF ALL OPEN/EXIT RAMP WHEN THE RIGHT LANES ARE CLOSED.

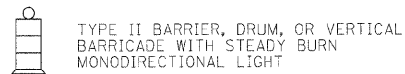


SIGN SHALL BE INSTALLED ON BOTH SIDES OF THE ROADWAY 500' IN ADVANCE OF AREAS WHERE THERE IS A GRADE DIFFERENTIAL BETWEEN LANES, AFTER EACH ENTRANCE RAMP AND A MINIMUM OF EVERY MILE.

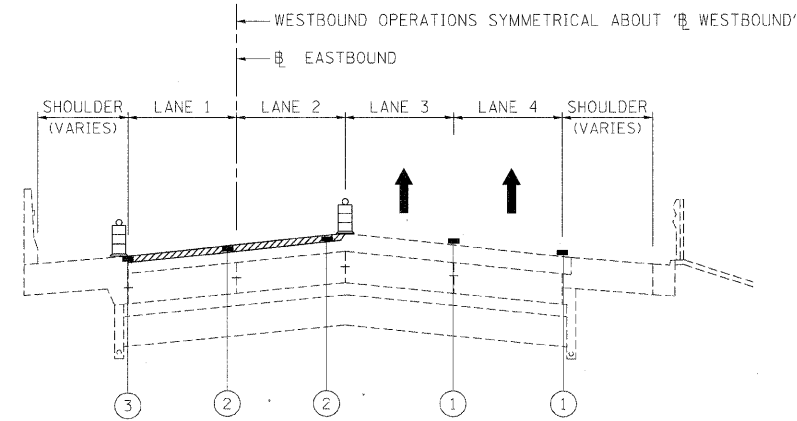
- THE CONTRACTOR SHALL COORDINATE THE ROADWAY AND STRUCTURAL WORK SO BITUMINOUS MATERIALS ARE NOT TRACKED ON THE BRIDGE DECKS BEFORE BEING SEALED.
- "EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS" SHALL BE INSTALLED ON MAINLINE ROADWAY DURING STAGE III OPERATIONS, IN LOCATIONS WHERE LETTERS/SYMBOLS PAVEMENT MARKINGS EXIST PRIOR TO SURFACE REMOVAL.
- WORK ZONE SPEED LIMIT SIGNS SHALL REMAIN IN PLACE UNTIL ALL BINDER IS PLACED.

LEGEND

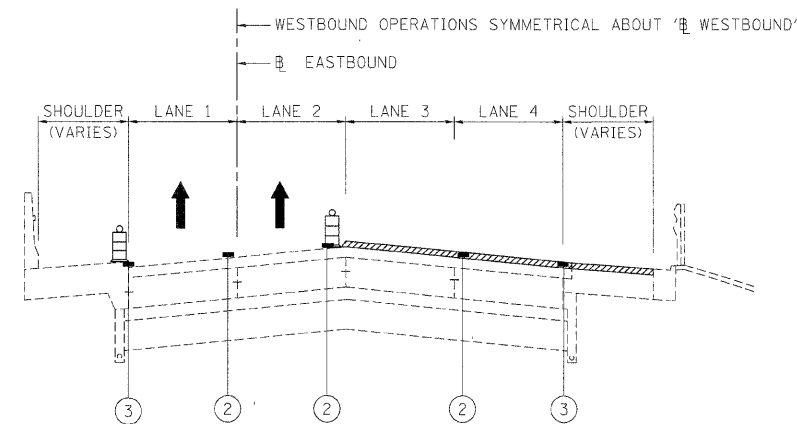
- ① EXISTING PAVEMENT MARKING
- ② EPOXY PAVEMENT MARKING - LINE 5" (WHITE 10' DASH, 30' SKIP)
- ③ EPOXY PAVEMENT MARKING - LINE 4" (YELLOW LEFT & WHITE RIGHT)
- ④ PROPOSED PAVEMENT MARKING. SEE PAVEMENT MARKING PLANS.



- BITUMINOUS SURFACE REMOVAL
- HMA/SMA BINDER AND SURFACE COURSES



STAGE III - OPERATION ONE - I-290
BITUMINOUS SURFACE REMOVAL 2" - LANES 1 & 2



STAGE III - OPERATION TWO - I-290
BITUMINOUS SURFACE REMOVAL 2" - LANES 3, 4, AUXILLARY LANE & SHOULDER

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...prp1n-ABC_C3_m1_mot.tyo.st.3.02.dgn	DRAWN - DMS	REVISED -			290	(2727, ETC., 313)RS-7	COOK	216	91			
USER NAME = jinajewski	CHECKED - CAR	REVISED -			CONTRACT NO. 60G53							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE:	SHEET NO. 39 OF 44 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

STAGE III

STAGE III NOTES

- SUGGESTED SEQUENCE OF CONSTRUCTION: PAVEMENT PATCHING, HMA SURFACE REMOVAL AND PROPOSED HMA COURSES AS DETAILED IN EACH OPERATION. THE CONTRACTOR MAY SUBMIT AN ALTERNATE SEQUENCE OF OPERATIONS PLAN FOR APPROVAL OF THE ENGINEER. IF THE ALTERNATE SEQUENCE OF OPERATIONS CONTAINS GRADE DIFFERENTIALS BETWEEN LANES GREATER THAN 2", A LONGITUDINAL WEDGE WILL BE REQUIRED. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE LOCATION(S) AND DETAIL(S) FOR THE LONGITUDINAL WEDGE IF REQUIRED. THE COST FOR THE PLACEMENT AND REMOVAL OF THE WEDGE SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF VARIOUS HMA ITEMS. RAMP WORK WILL BE COMPLETED USING DISTRICT DETAIL TC-8 - FREEWAY AND EXIT RAMP CLOSURE DETAILS.
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- LANE CLOSURES FOR RESURFACING OPERATIONS SHALL BE AS STIPULATED IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC."
- LANE CLOSURES PER STANDARDS 701400, 701401 AND 701446.
- REDUCE LANE WIDTH USING 35:1 TAPER PER DISTRICT DETAIL TC-9 - TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE AND MULTI-LANE WEAVE, A W5-1 (48" X 48") ROAD NARROWS SIGN WILL BE ERRECTED 500' IN ADVANCE OF THE TAPER.
- THE CONTRACTOR SHALL ERECT ROAD CONSTRUCTION AHEAD SIGNS (W20-I10310-48) WITH FLASHING BEACON ON ALL ARTERIAL ROADWAYS APPROACHING INTERCHANGE RAMP.
- GRADE DIFFERENTIAL BETWEEN LANES SHALL NOT EXCEED 2".
- PARTIAL MILLING OF PAVEMENT FOR AN OPERATION WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE PAID FOR AT THE FINAL MILLING THICKNESS SHOWN ON THE TYPICAL SECTIONS.
- EPOXY PAVEMENT MARKING LINES SHALL BE USED FOR TEMPORARY PAVEMENT MARKINGS.
- REMOVAL OF EXISTING PAVEMENT MARKING, WHEN REQUIRED, SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL."
- EXISTING OR TEMPORARY PAVEMENT MARKINGS REMOVED DURING MILLING OPERATIONS WILL NOT BE PAID FOR SEPARATELY.
- CASTINGS EXPOSED IN TRAVEL LANES SHALL BE PROTECTED PER APPLICABLE PORTIONS OF ARTICLE 603.07 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE VARIOUS HMA/SMA BINDER AND SURFACE COURSES PLACED.
- OMIT STAGE III OPERATIONS THROUGH BRIDGE AND CONCRETE SECTIONS.
- SIGNS SHALL BE INSTALLED AS INSTRUCTED BELOW.



SIGN SHALL BE INSTALLED IN ADVANCE OF ALL OPEN/EXIT RAMP WHEN THE RIGHT LANES ARE CLOSED.

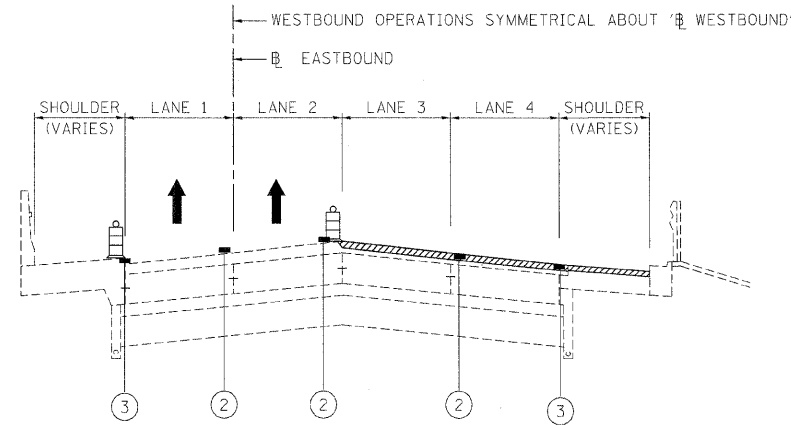


SIGN SHALL BE INSTALLED ON BOTH SIDES OF THE ROADWAY 500' IN ADVANCE OF AREAS WHERE THERE IS A GRADE DIFFERENTIAL BETWEEN LANES, AFTER EACH ENTRANCE RAMP AND A MINIMUM OF EVERY MILE.

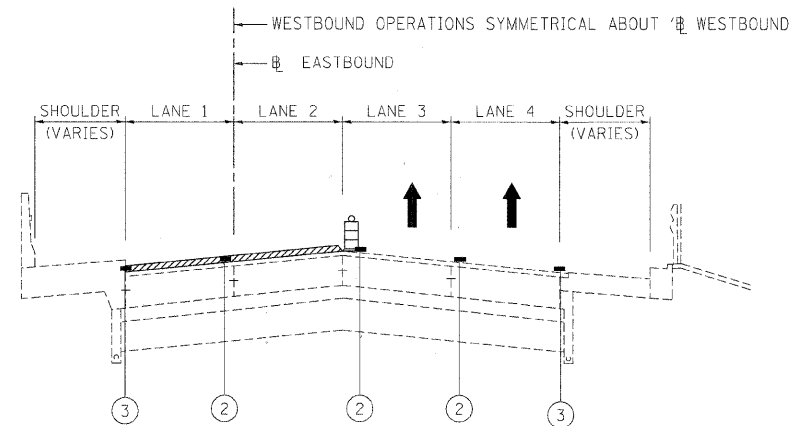
- THE CONTRACTOR SHALL COORDINATE THE ROADWAY AND STRUCTURAL WORK SO BITUMINOUS MATERIALS ARE NOT TRACKED ON THE BRIDGE DECKS BEFORE BEING SEALED.
- "EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS" SHALL BE INSTALLED ON MAINLINE ROADWAY DURING STAGE III OPERATIONS, IN LOCATIONS WHERE LETTERS/SYMBOLS PAVEMENT MARKINGS EXIST PRIOR TO SURFACE REMOVAL.
- WORK ZONE SPEED LIMIT SIGNS SHALL REMAIN IN PLACE UNTIL ALL BINDER IS PLACED.

LEGEND

- ① EXISTING PAVEMENT MARKING
- ② EPOXY PAVEMENT MARKING - LINE 5" (WHITE 10' DASH, 30' SKIP)
- ③ EPOXY PAVEMENT MARKING - LINE 4" (YELLOW LEFT & WHITE RIGHT)
- ④ PROPOSED PAVEMENT MARKING. SEE PAVEMENT MARKING PLANS.
- TYPE II BARRIER, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- BITUMINOUS SURFACE REMOVAL
- HMA/SMA BINDER AND SURFACE COURSES



STAGE III - OPERATION THREE - I-290
BITUMINOUS SURFACE REMOVAL FINAL 2" - LANES 3, 4
BITUMINOUS SURFACE REMOVAL FINAL 1-3/4" - AUXILLARY LANE & SHOULDER



STAGE III - OPERATION FOUR - I-290
BITUMINOUS SURFACE REMOVAL FINAL 2" - LANES 1 & 2

FILE NAME =	DESIGNED - CAG	REVISED -
...prolin.ABC.C3.ml.mot.typ.st.3.03.dgn	DRAWN - DMS	REVISED -
USER NAME = majewski	CHECKED - CAR	REVISED -
PLOT DATE = 1/25/2012	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 TYPICAL SECTION - STAGE 3**

SCALE: SHEET NO. 40 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	92
CONTRACT NO. 60G53			ILLINOIS FED. AID PROJECT	

STAGE III

STAGE III NOTES

- SUGGESTED SEQUENCE OF CONSTRUCTION: PAVEMENT PATCHING, HMA SURFACE REMOVAL AND PROPOSED HMA COURSES AS DETAILED IN EACH OPERATION. THE CONTRACTOR MAY SUBMIT AN ALTERNATE SEQUENCE OF OPERATIONS PLAN FOR APPROVAL OF THE ENGINEER. IF THE ALTERNATE SEQUENCE OF OPERATIONS CONTAINS GRADE DIFFERENTIALS BETWEEN LANES GREATER THAN 2", A LONGITUDINAL WEDGE WILL BE REQUIRED. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE LOCATION(S) AND DETAIL(S) FOR THE LONGITUDINAL WEDGE IF REQUIRED. THE COST FOR THE PLACEMENT AND REMOVAL OF THE WEDGE SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF VARIOUS HMA ITEMS. RAMP WORK WILL BE COMPLETED USING DISTRICT DETAIL TC-8 - FREEWAY AND EXIT RAMP CLOSURE DETAILS.
- LANE AND RAMP CLOSURES ALLOWED AS STIPULATED IN THE SPECIAL PROVISIONS. CONTRACTOR MAY NOT CLOSE ADJACENT EXIT OR ENTRANCE RAMP AT THE SAME TIME.
- LANE CLOSURES FOR RESURFACING OPERATIONS SHALL BE AS STIPULATED IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC."
- LANE CLOSURES PER STANDARDS 701400, 701401 AND 701446.
- REDUCE LANE WIDTH USING 35:1 TAPER PER DISTRICT DETAIL TC-9 - TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE AND MULTI-LANE WEAVE, A W5-1 (48 X 48) ROAD NARROWS SIGN WILL BE ERRECTED 500' IN ADVANCE OF THE TAPER.
- THE CONTRACTOR SHALL ERRECT ROAD CONSTRUCTION AHEAD SIGNS (W20-1103(0-48) WITH FLASHING BEACON ON ALL ARTERIAL ROADWAYS APPROACHING INTERCHANGE RAMP.
- GRADE DIFFERENTIAL BETWEEN LANES SHALL NOT EXCEED 2".
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- OMIT STAGE III OPERATIONS THROUGH BRIDGE AND CONCRETE SECTIONS.
- SIGNS SHALL BE INSTALLED AS INSTRUCTED BELOW.



SIGN SHALL BE INSTALLED IN ADVANCE OF ALL OPEN/EXIT RAMP WHEN THE RIGHT LANES ARE CLOSED.



SIGN SHALL BE INSTALLED ON BOTH SIDES OF THE ROADWAY 500' IN ADVANCE OF AREAS WHERE THERE IS A GRADE DIFFERENTIAL BETWEEN LANES, AFTER EACH ENTRANCE RAMP AND A MINIMUM OF EVERY MILE.

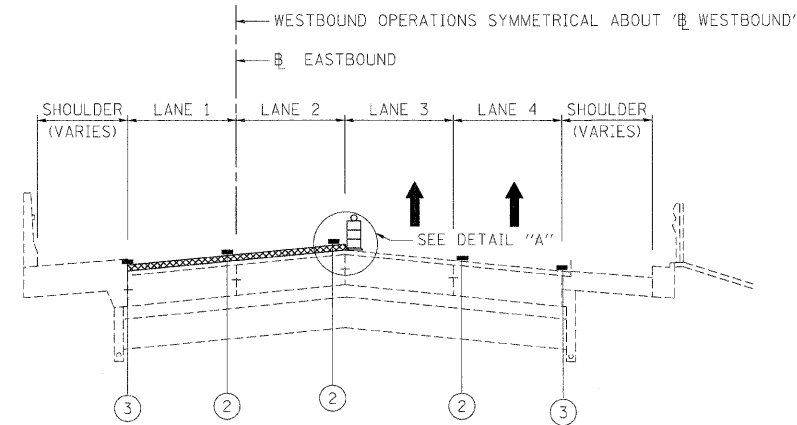
- THE CONTRACTOR SHALL COORDINATE THE ROADWAY AND STRUCTURAL WORK SO BITUMINOUS MATERIALS ARE NOT TRACKED ON THE BRIDGE DECKS BEFORE BEING SEALED.
- "EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS" SHALL BE INSTALLED ON MAINLINE ROADWAY DURING STAGE III OPERATIONS, IN LOCATIONS WHERE LETTERS/SYMBOLS PAVEMENT MARKINGS EXIST PRIOR TO SURFACE REMOVAL.
- WORK ZONE SPEED LIMIT SIGNS SHALL REMAIN IN PLACE UNTIL ALL BINDER IS PLACED.

LEGEND

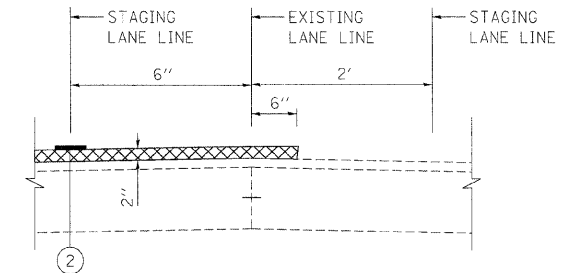
- ① EXISTING PAVEMENT MARKING
- ② EPOXY PAVEMENT MARKING - LINE 5" (WHITE 10' DASH, 30' SKIP)
- ③ EPOXY PAVEMENT MARKING - LINE 4" (YELLOW LEFT & WHITE RIGHT)
- ④ PROPOSED PAVEMENT MARKING. SEE PAVEMENT MARKING PLANS.



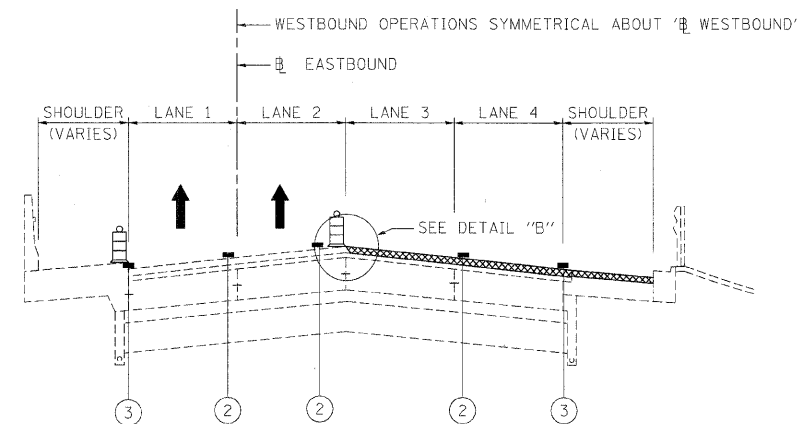
- BITUMINOUS SURFACE REMOVAL
- HMA/SMA BINDER AND SURFACE COURSES



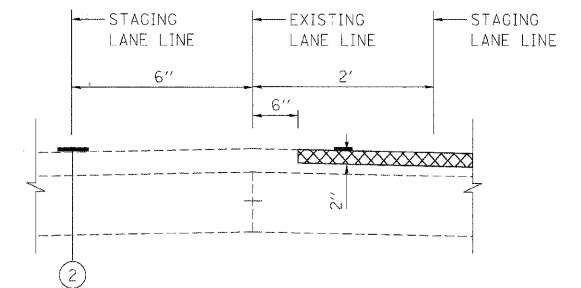
STAGE III - OPERATION FIVE - I-290
BINDER COURSE 2" - LANES 1 & 2



DETAIL A



STAGE III - OPERATION SIX - I-290
BINDER COURSE 2" - LANES 3, 4
BINDER COURSE 2-3/4" - AUXILIARY LANE & SHOULDER



DETAIL B

FILE NAME =	DESIGNED - CAG	REVISED -
...prp1n_A9C_C3.m1.mot.typ.st.3.04.dgn	DRAWN - DMS	REVISED -
USER NAME = jrojavski	CHECKED - CAR	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTION - STAGE 3

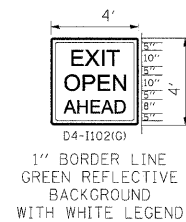
SCALE: SHEET NO. 41 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 313)RS-7	COOK	216	93
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60653	

STAGE III

STAGE III NOTES

- SUGGESTED SEQUENCE OF CONSTRUCTION: PAVEMENT PATCHING, HMA SURFACE REMOVAL AND PROPOSED HMA COURSES AS DETAILED IN EACH OPERATION. THE CONTRACTOR MAY SUBMIT AN ALTERNATE SEQUENCE OF OPERATIONS PLAN FOR APPROVAL OF THE ENGINEER. IF THE ALTERNATE SEQUENCE OF OPERATIONS CONTAINS GRADE DIFFERENTIALS BETWEEN LANES GREATER THAN 2", A LONGITUDINAL WEDGE WILL BE REQUIRED. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE LOCATION(S) AND DETAIL(S) FOR THE LONGITUDINAL WEDGE IF REQUIRED. THE COST FOR THE PLACEMENT AND REMOVAL OF THE WEDGE SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF VARIOUS HMA ITEMS. RAMP WORK WILL BE COMPLETED USING DISTRICT DETAIL TC-8 - FREEWAY AND EXIT RAMP CLOSURE DETAILS.
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- LANE CLOSURES PER STANDARDS 701400, 701401 AND 701446.
- REDUCE LANE WIDTH USING 35:1 TAPER PER DISTRICT DETAIL TC-9 - TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE AND MULTI-LANE WEAVE, A W5-1 (48 X 48) ROAD NARROWS SIGN WILL BE ERRECTED 500' IN ADVANCE OF THE TAPER.
- THE CONTRACTOR SHALL ERRECT ROAD CONSTRUCTION AHEAD SIGNS (W20-I103(O-48) WITH FLASHING BEACON ON ALL ARTERIAL ROADWAYS APPROACHING INTERCHANGE RAMP.
- GRADE DIFFERENTIAL BETWEEN LANES SHALL NOT EXCEED 2".
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- OMIT STAGE III OPERATIONS THROUGH BRIDGE AND CONCRETE SECTIONS.
- SIGNS SHALL BE INSTALLED AS INSTRUCTED BELOW.



SIGN SHALL BE INSTALLED IN ADVANCE OF ALL OPEN/EXIT RAMP WHEN THE RIGHT LANES ARE CLOSED.

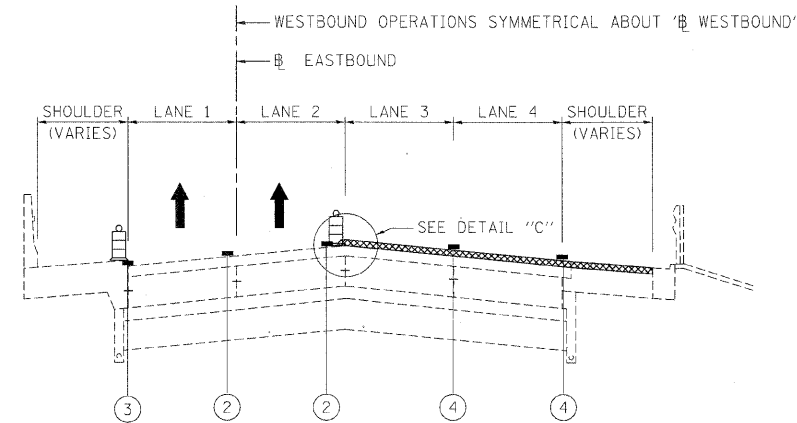


SIGN SHALL BE INSTALLED ON BOTH SIDES OF THE ROADWAY 500' IN ADVANCE OF AREAS WHERE THERE IS A GRADE DIFFERENTIAL BETWEEN LANES, AFTER EACH ENTRANCE RAMP AND A MINIMUM OF EVERY MILE.

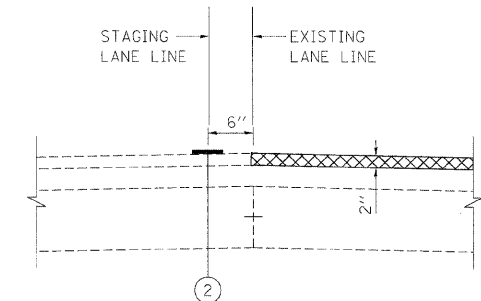
- THE CONTRACTOR SHALL COORDINATE THE ROADWAY AND STRUCTURAL WORK SO BITUMINOUS MATERIALS ARE NOT TRACKED ON THE BRIDGE DECKS BEFORE BEING SEALED.
- "EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS" SHALL BE INSTALLED ON MAINLINE ROADWAY DURING STAGE III OPERATIONS, IN LOCATIONS WHERE LETTERS/SYMBOLS PAVEMENT MARKINGS EXIST PRIOR TO SURFACE REMOVAL.
- WORK ZONE SPEED LIMIT SIGNS SHALL REMAIN IN PLACE UNTIL ALL BINDER IS PLACED.

LEGEND

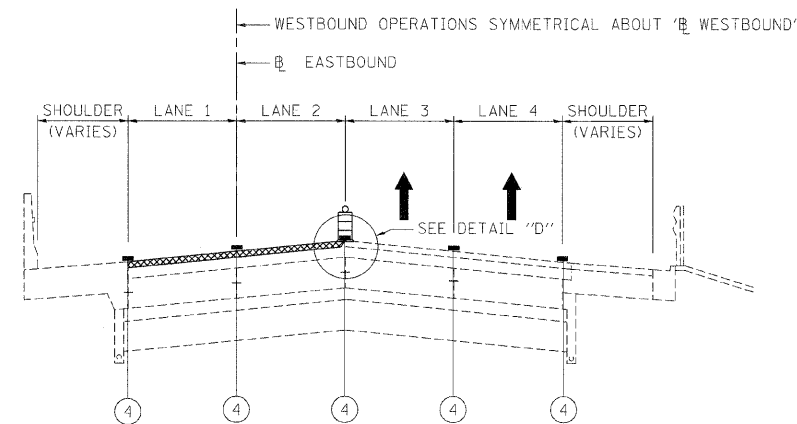
- ① EXISTING PAVEMENT MARKING
- ② EPOXY PAVEMENT MARKING - LINE 5" (WHITE 10' DASH, 30' SKIP)
- ③ EPOXY PAVEMENT MARKING - LINE 4" (YELLOW LEFT & WHITE RIGHT)
- ④ PROPOSED PAVEMENT MARKING. SEE PAVEMENT MARKING PLANS.
- TYPE II BARRIER, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- BITUMINOUS SURFACE REMOVAL
- HMA/SMA BINDER AND SURFACE COURSES



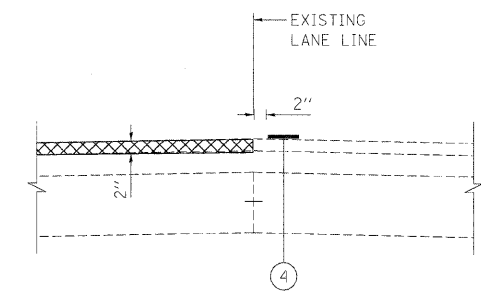
STAGE III - OPERATION SEVEN - I-290
SURFACE COURSE 2" - LANES 3, 4
SURFACE COURSE 1-1/2" - AUXILIARY LANE & SHOULDER



DETAIL C



STAGE III - OPERATION EIGHT - I-290
SURFACE COURSE 2" - LANES 1 & 2



DETAIL D

FILE NAME =	DESIGNED - CAG	REVISED -
...prp1n-ABC-C3_ml_mot_tgp.st-3.05.dgn	DRAWN - DMS	REVISED -
USER NAME = jmajewski	CHECKED - CAR	REVISED -
PLOT DATE = 1/25/2018	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 TYPICAL SECTION - STAGE 3**

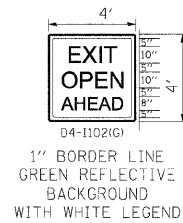
SCALE: SHEET NO. 42 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	94
CONTRACT NO. 60053			ILLINOIS FED. AID PROJECT	

STAGE III

STAGE III NOTES

- SUGGESTED SEQUENCE OF CONSTRUCTION: PAVEMENT PATCHING, HMA SURFACE REMOVAL AND PROPOSED HMA COURSES AS DETAILED IN EACH OPERATION. THE CONTRACTOR MAY SUBMIT AN ALTERNATE SEQUENCE OF OPERATIONS PLAN FOR APPROVAL OF THE ENGINEER. IF THE ALTERNATE SEQUENCE OF OPERATIONS CONTAINS GRADE DIFFERENTIALS BETWEEN LANES GREATER THAN 2", A LONGITUDINAL WEDGE WILL BE REQUIRED. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE LOCATION(S) AND DETAIL(S) FOR THE LONGITUDINAL WEDGE IF REQUIRED. THE COST FOR THE PLACEMENT AND REMOVAL OF THE WEDGE SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF VARIOUS HMA ITEMS. RAMP WORK WILL BE COMPLETED USING DISTRICT DETAIL TC-8 - FREEWAY AND EXIT RAMP CLOSURE DETAILS.
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- OMIT STAGE III OPERATIONS THROUGH BRIDGE AND CONCRETE SECTIONS.
- SIGNS SHALL BE INSTALLED AS INSTRUCTED BELOW.



SIGN SHALL BE INSTALLED IN ADVANCE OF ALL OPEN/EXIT RAMP WHEN THE RIGHT LANES ARE CLOSED.

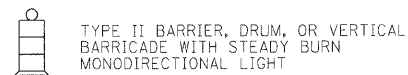


SIGN SHALL BE INSTALLED ON BOTH SIDES OF THE ROADWAY 500' IN ADVANCE OF AREAS WHERE THERE IS A GRADE DIFFERENTIAL BETWEEN LANES, AFTER EACH ENTRANCE RAMP AND A MINIMUM OF EVERY MILE.

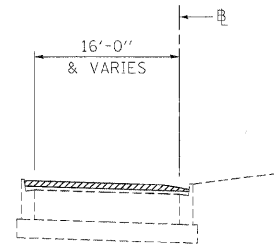
- THE CONTRACTOR SHALL COORDINATE THE ROADWAY AND STRUCTURAL WORK SO BITUMINOUS MATERIALS ARE NOT TRACKED ON THE BRIDGE DECKS BEFORE BEING SEALED.
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- WORK ZONE SPEED LIMIT SIGNS SHALL REMAIN IN PLACE UNTIL ALL BINDER IS PLACED.

LEGEND

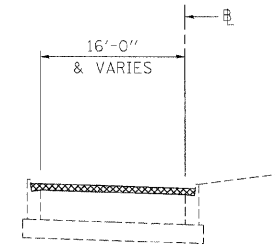
- ① EXISTING PAVEMENT MARKING
- ② EPOXY PAVEMENT MARKING - LINE 5" (WHITE 10' DASH, 30' SKIP)
- ③ EPOXY PAVEMENT MARKING - LINE 4" (YELLOW LEFT & WHITE RIGHT)
- ④ PROPOSED PAVEMENT MARKING. SEE PAVEMENT MARKING PLANS.



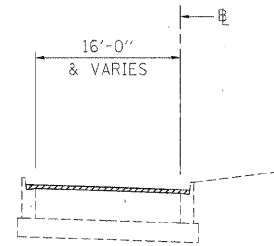
- BITUMINOUS SURFACE REMOVAL
- HMA/SMA BINDER AND SURFACE COURSES



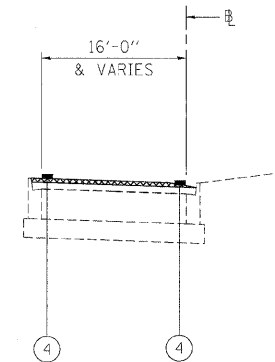
STAGE III - RAMP OPERATION ONE - I-290
BITUMINOUS SURFACE REMOVAL 2"



STAGE III - RAMP OPERATION THREE - I-290
BINDER COURSE 2-1/4"



STAGE III - RAMP OPERATION TWO - I-290
BITUMINOUS SURFACE REMOVAL FINAL 1-1/4"



STAGE III - RAMP OPERATION FOUR - I-290
SURFACE COURSE 1-1/2"

FILE NAME =	DESIGNED - CAG	REVISED -
...prp1n_ABC_C3.m1.mot.typ.st.3.06.dgn	DRAWN - DMS	REVISED -
USER NAME = jmajewski	CHECKED - CAR	REVISED -
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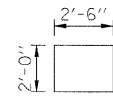
benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

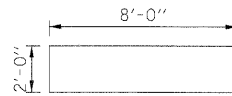
MAINTENANCE OF TRAFFIC
TYPICAL SECTION - STAGE 3

SCALE: SHEET NO. 43 OF 44 SHEETS STA. TO STA.

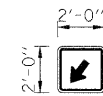
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	95
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



STAGE 1
ORANGE COVER
STA 885+00
STA 895+10

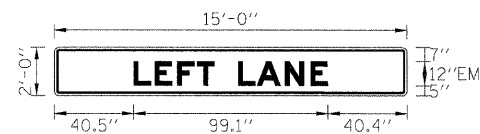


STAGE 2
ORANGE COVER
STA 879+50



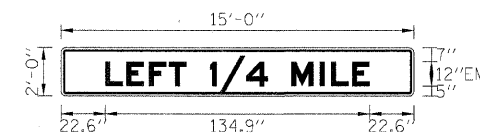
BORDER
R=1.5"
TH=1"
IN=1"
Panel Style: Temp Sign.ssi
M.U.T.C.D.: 2003 Edition

STAGE 1
BLACK ARROW ON ORANGE BACKGROUND
STA 885+00
STA 895+10



BORDER
R=1.5"
TH=1"
IN=1"
Panel Style: Temp Sign.ssi
M.U.T.C.D.: 2003 Edition

STAGE 2
BLACK LETTERS ON ORANGE BACKGROUND
STA 885+00



BORDER
R=1.5"
TH=1"
IN=1"
Panel Style: Temp Sign.ssi
M.U.T.C.D.: 2003 Edition

STAGE 2
BLACK LETTERS ON ORANGE BACKGROUND
STA 895+10

FILE NAME =	DESIGNED - AJP	REVISED -
...prp1n_ABC_C3_TempSignDetails_01.dgn	DRAWN - TWB	REVISED -
USER NAME = jmojewski	CHECKED - JJT	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

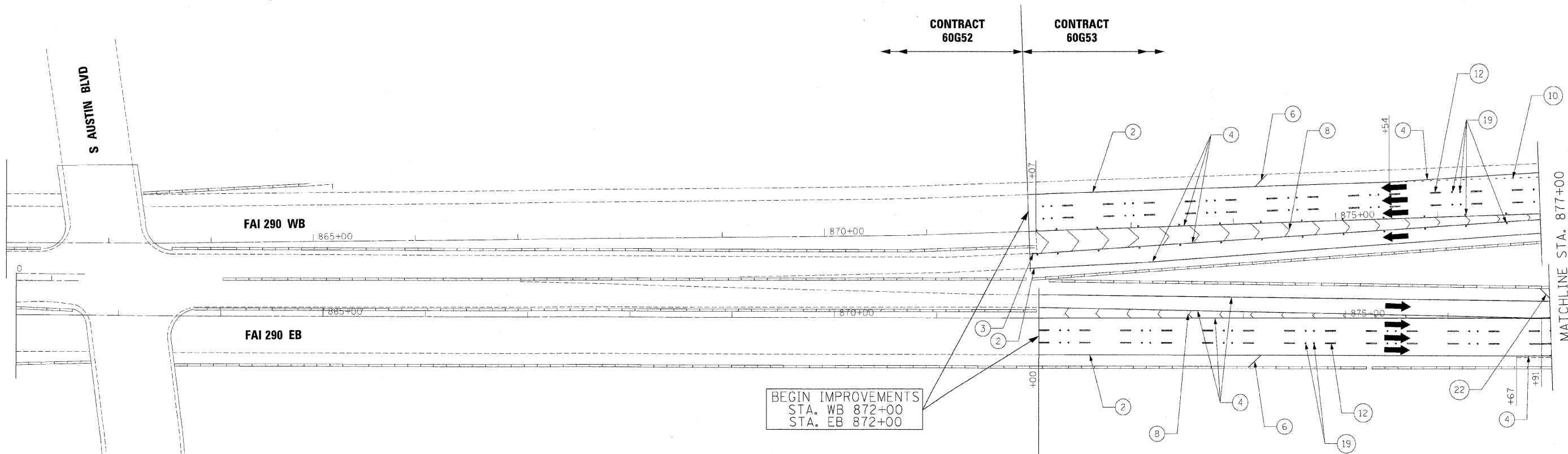
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
TEMPORARY INFORMATION SIGNING**

SCALE: N.T.S. SHEET NO. 44 OF 44 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	96
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



LEGEND

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW EDGE LINE) ④ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE EDGE LINE) ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE DIAGONALS SPACED @ 10' CENTERS) ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 150' CENTERS ON RAMP) ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 150' CENTERS ON RAMP) ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE GORE DIAGONALS SPACED @ 30' CENTERS) ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID, LINE 4" (WHITE 2' DASH, 6' SKIP) | <ul style="list-style-type: none"> ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID, LINE 8" (WHITE 3' DASH, 9' SKIP) ⑫ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID, LINE 5" (WHITE 10' DASH, 30' SKIP) ⑬ POLYUREA PAVEMENT MARKING TYPE 1, LINE 4" (WHITE EDGE LINE) ⑭ POLYUREA PAVEMENT MARKING TYPE 1, LINE 4" (YELLOW EDGE LINE) ⑮ POLYUREA PAVEMENT MARKING TYPE 1, LINE 8" (WHITE EDGE LINE) ⑯ POLYUREA PAVEMENT MARKING TYPE 1, LINE 5" (WHITE 10' DASH, 30' SKIP) ⑰ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (WHITE GORE DIAGONALS SPACED @ 30' CENTERS) ⑱ RAISED REFLECTIVE PAVEMENT MARKER (1-WAY YELLOW / OPAQUE) ⑲ RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL / OPAQUE) ⑳ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE EDGE LINE) | <ul style="list-style-type: none"> ㉑ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE THRU LANE LINE) ㉒ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (YELLOW DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 40' CENTERS ON STRUCTURES) ㉓ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (WHITE DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 40' CENTERS ON STRUCTURES) ㉔ POLYUREA PAVEMENT MARKING TYPE 1, LETTERS AND SYMBOLS (WHITE) ㉕ POLYUREA PAVEMENT MARKING TYPE 1, LINE 8" (WHITE 3' DASH, 9' SKIP) ㉖ POLYUREA PAVEMENT MARKING TYPE 1, LINE 4" (WHITE 2' DASH, 6' SKIP) |
|---|--|---|

NOTE:

1. SEE IDOT DISTRICT 1 STANDARD TC-12 "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT AND TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS.
2. FOR PROPOSED PAVEMENT MARKINGS IN THE PCC SECTIONS, USE POLYUREA PAVEMENT MARKINGS ACCORDING TO STANDARD TC-12.
3. SEE ROADWAY PLANS FOR LIMITS OF RESURFACING.

FILE NAME =	DESIGNED - CAG	REVISED -
...p\p\in_ABC.C3.290.pvmtmkg.B1.dgn	DRAWN - DMS	REVISED -
USER NAME = jmojeweiki	CHECKED - CAR	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

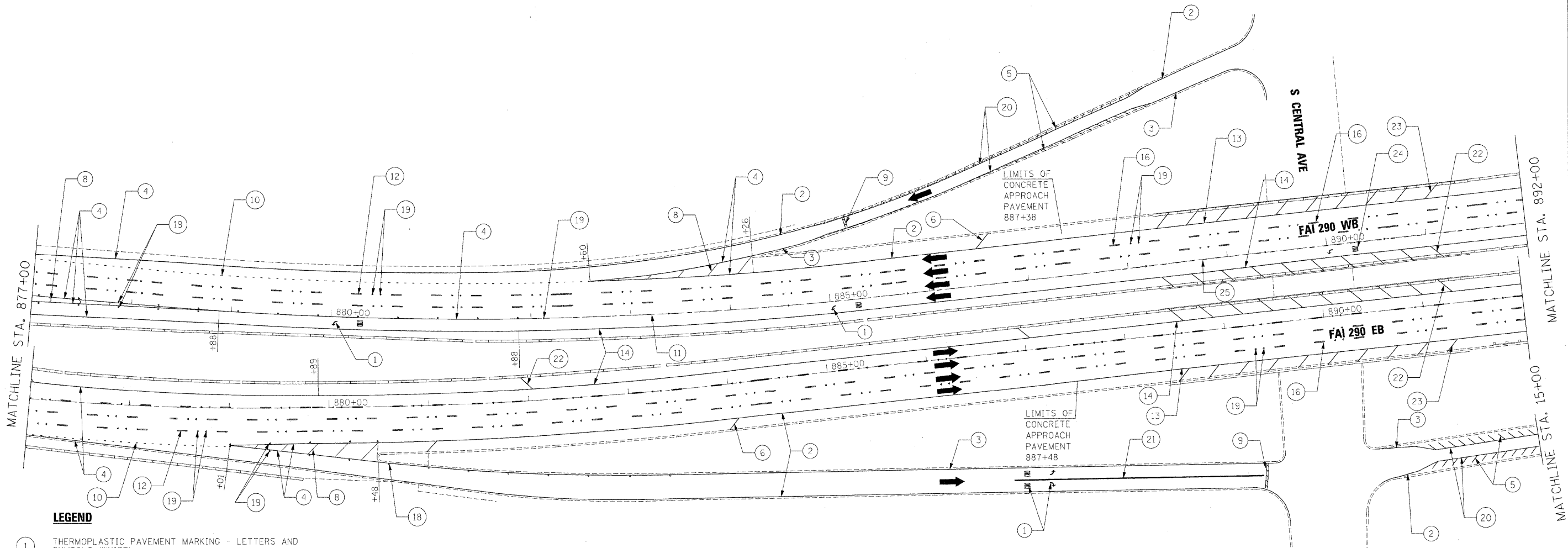
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS
POB TO STA 877+00**

SCALE: 1"=50' SHEET NO. 1 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	97
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



LEGEND

- | | | |
|---|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) | ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID, LINE 8" (WHITE 3' DASH, 9' SKIP) | ⑲ RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL / OPAQUE) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) | ⑫ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID, LINE 5" (WHITE 10' DASH, 30' SKIP) | ⑳ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE EDGE LINE) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW EDGE LINE) | ⑬ POLYUREA PAVEMENT MARKING TYPE 1, LINE 4" (WHITE EDGE LINE) | ⑳ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE EDGE LINE) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE EDGE LINE) | ⑭ POLYUREA PAVEMENT MARKING TYPE 1, LINE 4" (YELLOW EDGE LINE) | ⑳ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE EDGE LINE) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE DIAGONALS SPACED @ 10' CENTERS) | ⑮ POLYUREA PAVEMENT MARKING TYPE 1, LINE 8" (WHITE EDGE LINE) | ㉑ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE THRU LANE LINE) |
| ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 150' CENTERS ON RAMP) | ⑯ POLYUREA PAVEMENT MARKING TYPE 1, LINE 5" (WHITE 10' DASH, 30' SKIP) | ㉒ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (YELLOW DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 40' CENTERS ON STRUCTURES) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 150' CENTERS ON RAMP) | ⑰ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (WHITE GORE DIAGONALS SPACED @ 30' CENTERS) | ㉓ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (WHITE DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 40' CENTERS ON STRUCTURES) |
| ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CORE DIAGONALS SPACED @ 30' CENTERS) | ⑱ RAISED REFLECTIVE PAVEMENT MARKER (1-WAY YELLOW / OPAQUE) | ㉔ POLYUREA PAVEMENT MARKING TYPE 1, LETTERS AND SYMBOLS (WHITE) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) | ⑳ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE EDGE LINE) | ㉕ POLYUREA PAVEMENT MARKING TYPE 1, LINE 8" (WHITE 3' DASH, 9' SKIP) |
| ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID, LINE 4" (WHITE 2' DASH, 6' SKIP) | ㉑ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE THRU LANE LINE) | ㉖ POLYUREA PAVEMENT MARKING TYPE 1, LINE 4" (WHITE 2' DASH, 6' SKIP) |

NOTE:

- SEE IDOT DISTRICT 1 STANDARD TC-12 "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT AND TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS.
- FOR PROPOSED PAVEMENT MARKINGS IN THE PCC SECTIONS, USE POLYUREA PAVEMENT MARKINGS ACCORDING TO STANDARD TC-12.
- SEE ROADWAY PLANS FOR LIMITS OF RESURFACING.

FILE NAME =	DESIGNED - CAG	REVISED -
...p\p\in_abc_c3_290_pvt\mkg_02.dgn	DRAWN - DMS	REVISED -
USER NAME = jnaejewski	CHECKED - CAR	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

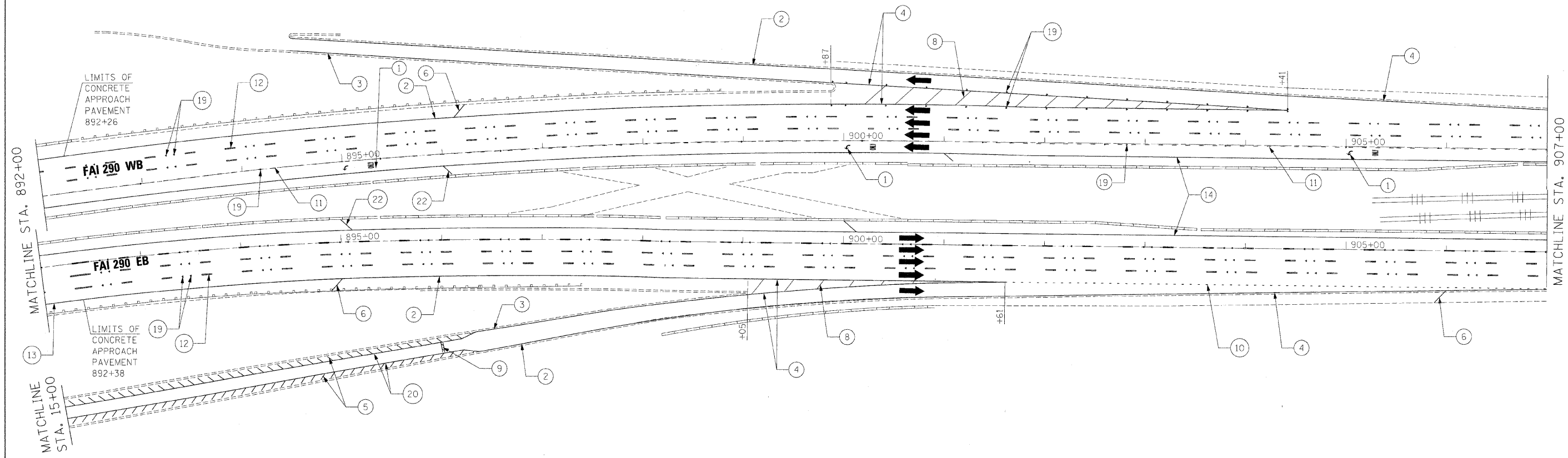
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS
STA 877+00 TO STA 892+00**

SCALE: 1"=50' SHEET NO. 2 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	98
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60653		



LEGEND

- | | | |
|--|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) | ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID, LINE 8" (WHITE 3' DASH, 9' SKIP) | ⑲ RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL / OPAQUE) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) | ⑫ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID, LINE 5" (WHITE 10' DASH, 30' SKIP) | ⑳ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE EDGE LINE) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW EDGE LINE) | ⑬ POLYUREA PAVEMENT MARKING TYPE 1, LINE 4" (WHITE EDGE LINE) | ⑳ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE EDGE LINE) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE EDGE LINE) | ⑭ POLYUREA PAVEMENT MARKING TYPE 1, LINE 4" (YELLOW EDGE LINE) | ㉑ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE THRU LANE LINE) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE DIAGONALS SPACED @ 10' CENTERS) | ⑮ POLYUREA PAVEMENT MARKING TYPE 1, LINE 8" (WHITE EDGE LINE) | ㉒ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (YELLOW DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 40' CENTERS ON STRUCTURES) |
| ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 150' CENTERS ON RAMPS) | ⑯ POLYUREA PAVEMENT MARKING TYPE 1, LINE 5" (WHITE 10' DASH, 30' SKIP) | ㉓ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (WHITE DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 40' CENTERS ON STRUCTURES) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 150' CENTERS ON RAMPS) | ⑰ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (WHITE GORE DIAGONALS SPACED @ 30' CENTERS) | ㉔ POLYUREA PAVEMENT MARKING TYPE 1, LETTERS AND SYMBOLS (WHITE) |
| ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE GORE DIAGONALS SPACED @ 30' CENTERS) | ⑱ RAISED REFLECTIVE PAVEMENT MARKER (1-WAY YELLOW / OPAQUE) | ㉕ POLYUREA PAVEMENT MARKING TYPE 1, LINE 8" (WHITE 3' DASH, 9' SKIP) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) | ⑳ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE EDGE LINE) | ㉖ POLYUREA PAVEMENT MARKING TYPE 1, LINE 4" (WHITE 2' DASH, 6' SKIP) |
| ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID, LINE 4" (WHITE 2' DASH, 6' SKIP) | | |

NOTE:

- SEE IDOT DISTRICT 1 STANDARD TC-12 "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT AND TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS.
- FOR PROPOSED PAVEMENT MARKINGS IN THE PCC SECTIONS, USE POLYUREA PAVEMENT MARKINGS ACCORDING TO STANDARD TC-12.
- SEE ROADWAY PLANS FOR LIMITS OF RESURFACING.

FILE NAME =	DESIGNED - CAG	REVISED -
USER NAME = jmajewski	DRAWN - DMS	REVISED -
PLOT DATE = 1/25/2010	CHECKED - CAR	REVISED -
	DATE - 1/25/10	REVISED -

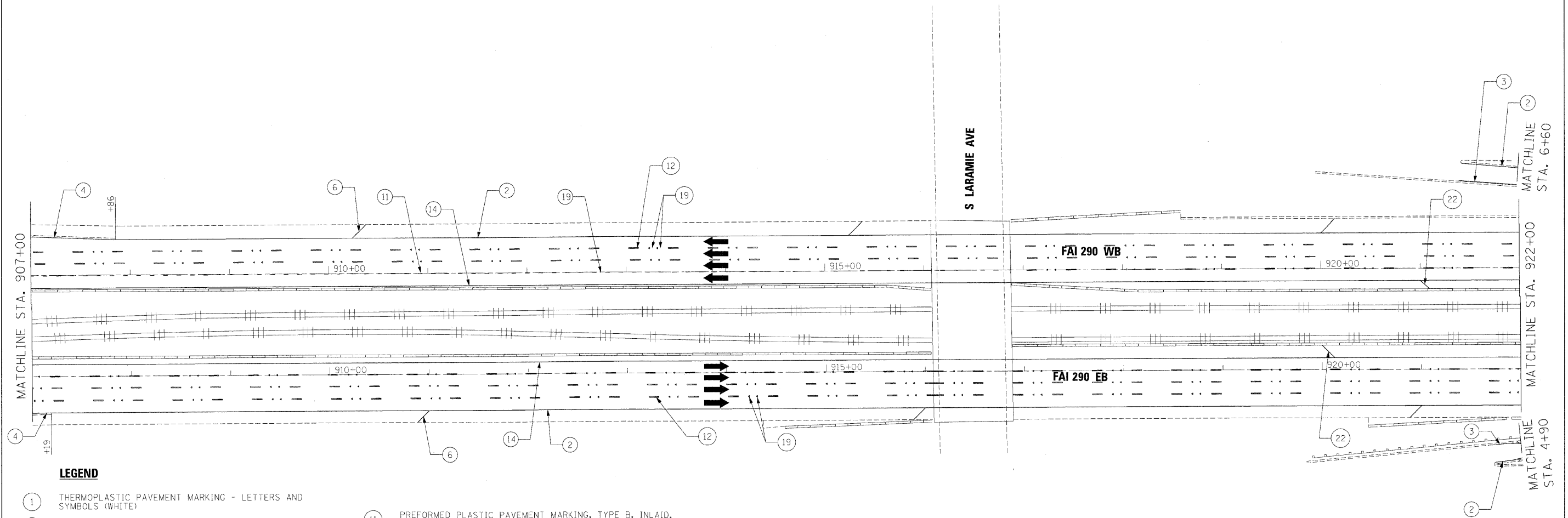
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS
STA 892+00 TO STA 907+00**

SCALE: 1"=50' SHEET NO. 3 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	99
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G53	



LEGEND

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW EDGE LINE) ④ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE EDGE LINE) ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE DIAGONALS SPACED @ 10' CENTERS) ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 150' CENTERS ON RAVPS) ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 150' CENTERS ON RAVPS) ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE GORE DIAGONALS SPACED @ 30' CENTERS) ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID, LINE 4" (WHITE 2' DASH, 6' SKIP) | <ul style="list-style-type: none"> ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID, LINE 8" (WHITE 3' DASH, 9' SKIP) ⑫ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID, LINE 5" (WHITE 10' DASH, 30' SKIP) ⑬ POLYUREA PAVEMENT MARKING TYPE 1, LINE 4" (WHITE EDGE LINE) ⑭ POLYUREA PAVEMENT MARKING TYPE 1, LINE 4" (YELLOW EDGE LINE) ⑮ POLYUREA PAVEMENT MARKING TYPE 1, LINE 8" (WHITE EDGE LINE) ⑯ POLYUREA PAVEMENT MARKING TYPE 1, LINE 5" (WHITE 10' DASH, 30' SKIP) ⑰ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (WHITE GORE DIAGONALS SPACED @ 30' CENTERS) ⑱ RAISED REFLECTIVE PAVEMENT MARKER (1-WAY YELLOW / OPAQUE) ⑲ RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL / OPAQUE) ⑳ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE EDGE LINE) | <ul style="list-style-type: none"> ㉑ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE THRU LANE LINE) ㉒ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (YELLOW DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 40' CENTERS ON STRUCTURES) ㉓ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (WHITE DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 40' CENTERS ON STRUCTURES) ㉔ POLYUREA PAVEMENT MARKING TYPE 1, LETTERS AND SYMBOLS (WHITE) ㉕ POLYUREA PAVEMENT MARKING TYPE 1, LINE 8" (WHITE 3' DASH, 9' SKIP) ㉖ POLYUREA PAVEMENT MARKING TYPE 1, LINE 4" (WHITE 2' DASH, 6' SKIP) |
|---|--|---|

NOTE:

1. SEE IDOT DISTRICT 1 STANDARD TC-12 "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT AND TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS.
2. FOR PROPOSED PAVEMENT MARKINGS IN THE PCC SECTIONS, USE POLYUREA PAVEMENT MARKINGS ACCORDING TO STANDARD TC-12.
3. SEE ROADWAY PLANS FOR LIMITS OF RESURFACING.

FILE NAME =	DESIGNED - CAG	REVISED -
USER NAME = jma_jawski	DRAWN - DMS	REVISED -
PLOT DATE = 1/25/2010	CHECKED - CAR	REVISED -
	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS
STA 907+00 TO STA 922+00**

SCALE: 1"=50' SHEET NO. 4 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2727, ETC., 3131)RS-7	COOK	216	100
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60G53	