

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 (2525, ETC., 2727)RS-8
PROJECT: ACIM-290-4(115)097
SACRAMENTO BLVD. TO I-90 / 94
RESURFACING, SIGNING AND SURVEILLANCE
COOK COUNTY
C-91-415-10

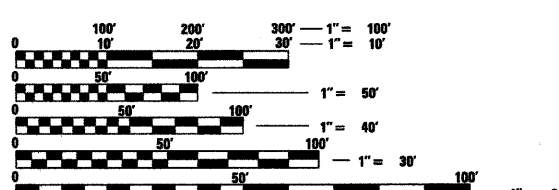
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 60K11		

*201+1=202

D-91-341-09



LOCATION OF SECTION INDICATED THUS: —

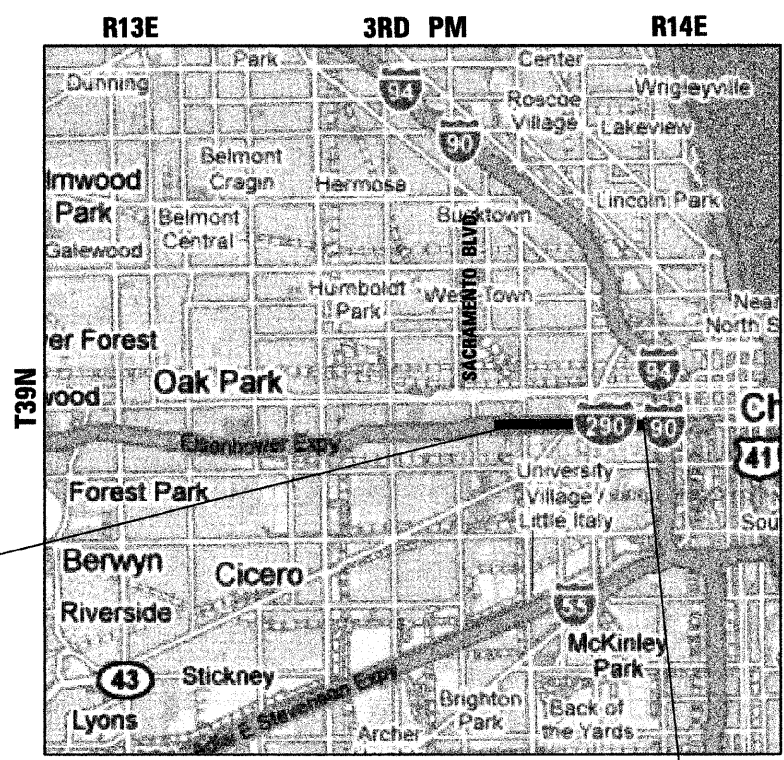


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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. 60K11



PROJECT BEGINS
STA. 1072+00

PROJECT ENDS
STA. 1215+15 (WB)
STA. 1214+90 (EB)

WEST TOWNSHIP
LAYOUT MAP
SCALE: 1 IN = 1.5 MI

GROSS LENGTH OF PROJECT = 14,315 LIN FT = 2.71 MILES
NET LENGTH OF PROJECT = 14,315 LIN FT = 2.71 MILES



EXPIRATION DATE 11-30-11
DATE 1-22-10



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
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

January 29, 2010
Scott E. Stett, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2010
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

benesch
alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0460



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, GENERAL NOTES & HMA REQUIREMENTS
3-7	SUMMARY OF QUANTITIES
8-11	TYPICAL SECTIONS
12-19	SCHEDULES OF QUANTITIES
20-38	ALIGNMENTS
39-48	ROADWAY PLANS
49-88	MAINTENANCE OF TRAFFIC
89-98	PAVEMENT MARKING PLANS
99-108	SIGNING PLANS
109-154	SIGNING DETAILS
155-158	PUMP STATION DETAILS
159-166	TRAFFIC SURVEILLANCE LOOP PLANS
167-181	TRAFFIC SYSTEM CENTER DETAILS
182-201	DISTRICT 1 DETAILS

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 60653 AND 60661.
- 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
442001-04	CLASS A PATCHES
442201-03	CLASS C AND D PATCHES
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 182-201)

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.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	DRAWN - TMB	REVISED -			290	(2525, ETC., 2727RS-8	COOK	201	2			
USER NAME = #USER#	CHECKED - JMM	REVISED -			CONTRACT NO. 60K11							
PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNS	SURVEILLANCE
					90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
					CONSTRUCTION TYPE CODE		
			URBAN	1000-2A	Y002-1C	Y032-1F	
**	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	521	521		
**	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	156	156		
**	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	4	4		
**	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	3	3		
	28000510	INLET FILTERS	EACH	338	338		
**	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,045	1,045		
	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	181	181		
	40600300	AGGREGATE (PRIME COAT)	TON	905	905		
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	339	339		
	40600895	CONSTRUCTING TEST STRIP	EACH	2	2		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,020	2,020		
	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	4,584	4,584		
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	10,485	10,485		
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	6,990	6,990		
**	40800052	INCIDENTAL HOT-MIX ASPHALT SURFACING (SPECIAL)	TON	360	360		
	42001300	PROTECTIVE COAT	SQ YD	22	22		
	44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	19,035	19,035		
	44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	64,181	64,181		
	44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	151,821	151,821		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	769	769		
	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	48	48		
	44002213	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 1/4"	SQ YD	2,436	2,436		
	44002222	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5 1/2"	SQ YD	12,467	12,467		
	44002223	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5 3/4"	SQ YD	1,145	1,145		
	44004250	PAVED SHOULDER REMOVAL	SQ YD	40	40		

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.

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	DRAWN - TMB	REVISED -						290	(2525, ETC., 2727)RS-8	COOK	201	3
USER NAME = #USER#	CHECKED - JMM	REVISED -			SCALE: N.T.S.	SHEET NO. 1 OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 60K11			
PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNS	SURVEILLANCE
					90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
					CONSTRUCTION TYPE CODE		
				URBAN	1000-2A	Y002-1C	Y032-1F
**	44004260	PAVED SHOULDER REMOVAL (SPECIAL)	SQ YD	1,607	1,607		
	44200569	CLASS A PATCHES, TYPE III, 11 INCH	SQ YD	22	22		
	44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	274	274		
	44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	8,961	8,961		
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	2,219	2,219		
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	4,593	4,593		
	44213000	PATCHING REINFORCEMENT	SQ YD	22	22		
	44213200	<i>SAW CUTS</i>	FOOT	40	40		
	48300100	PORTLAND CEMENT CONCRETE SHOULDERS 6"	SQ YD	40	40		
Δ	55039700	STORM SEWERS TO BE CLEANED	FOOT	8,112	8,112		
	60300205	FRAMES AND GRATES TO BE ADJUSTED (SPECIAL)	EACH	180	180		
	60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	180	180		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	326	326		
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	443	443		
*	63000005	STEEL PLATE BEAM GUARD RAIL, TYPE B	FOOT	25	25		
	63200305	STEEL PLATE BEAM GUARDRAIL REMOVAL	FOOT	25	25		
	64200105	SHOULDER RUMBLE STRIP	FOOT	46,896	46,896		
	67100100	MOBILIZATION	L SUM	1	1		
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	17	17		
*	72000105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	58		58	
*	72000205	SIGN PANEL - TYPE 2 (SPECIAL)	SQ FT	1,154		1,154	
*	72000305	SIGN PANEL - TYPE 3 (SPECIAL)	SQ FT	8,153		8,153	
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5		5	
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	252		252	
*	73000105	WOOD SIGN SUPPORT, SPECIAL	FOOT	576		576	
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	164	164		

Δ NON-PARTICIPATING
• SPECIALTY ITEMS
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○ Y080
 △ 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	URBAN TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNS	SURVEILLANCE
					90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
					CONSTRUCTION TYPE CODE		
				1000-2A	Y002-1C	Y032-1F	
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	31,569	31,569		
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	202	202		
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	25,331	25,331		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	7,827	7,827		
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	62	62		
*	78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	1,014	1,014		
*	78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	21,151	21,151		
*	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	140,657	140,657		
*	78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	64,361	64,361		
*	78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	41,361	41,361		
*	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	30,866	30,866		
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2,362	2,362		
*	78200410	GUARDRAIL MARKERS, TYPE A	EACH	1	1		
*	78200450	MONODIRECTIONAL GUARD RAIL REFLECTORS	EACH	126	126		
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	9,488	9,488		
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2,362	2,362		
*	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	100			100
*	84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	36		36	
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
△	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	338	338		
	Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	11	11		
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		
**	Z0064800	SELECTIVE CLEARING	UNIT	504	504		
	Z0075310	TIE BARS 3/4"	EACH	10	10		
○	Z0076600	TRAINEES	HOUR	1,000	1,000		

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#FILE#	DRAWN - TMB	REVISED -						290	(2525, ETC., 2727RS-8	COOK	201	5
USER NAME = #USER#	CHECKED - JMM	REVISED -			SCALE: N.T.S. SHEET NO. 3 OF 5 SHEETS STA. TO STA.			CONTRACT NO. 60K11				
PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNS	SURVEILLANCE
					90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
					CONSTRUCTION TYPE CODE		
					URBAN		
					1000-2A	Y002-1C	Y032-1F
** *	A2002614	TREE, CARYA CORDIFORMIS (BITERNUT HICKORY), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	8	8		
** *	A2002914	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	11	11		
** *	A2005014	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	19	19		
** *	A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	13	13		
** *	A2012122	TREE, AESCULUS AUTUMN SPLENDOR (AUTUMN SPLENDOR BUCKEYE), 1-3/4" CALIPER, BALLED AND BURLAPPED, MATCHING HEADS	EACH	10	10		
** *	B2001664	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	13	13		
** *	B2006116	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	10	10		
** *	K0036120	MULCH PLACEMENT 4"	SQ YD	2,470	2,470		
Δ** *	K1003660	MOWING CYCLES	EACH	2	2		
Δ	X005656	INLET FILTER CLEANING	EACH	338	338		
** *	XZ186500	ASPHALTIC EMULSION SLURRY SEAL	SQ YD	16,023	16,023		
** *	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	9	9		
** *	X0322729	MATERIAL TRANSFER DEVICE	TON	37,500	37,500		
** *	X0322856	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	2	2		
** *	X0322859	WEED CONTROL, PRE-EMERGENT GRADULAR HERBICIDE	POUND	126	126		
** *	X0324685	TEST STRIP (STONE MATRIX ASPHALT)	EACH	2	2		
Δ	X0325095	MAIN DRAIN CLEANING	FOOT	13,800	13,800		
** *	X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	6	6		
** *	X0325223	FIBER ASPHALT	POUND	738	738		
** *	X0325303	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	96	96		
** *	X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	50	50		
** *	X0325702	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1		
** *	X0325775	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	46,588	46,588		
** *	X0325840	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 12 INCH	FOOT	2,258	2,258		
** *	X0325876	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 8 INCH	FOOT	17,974	17,974		

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.

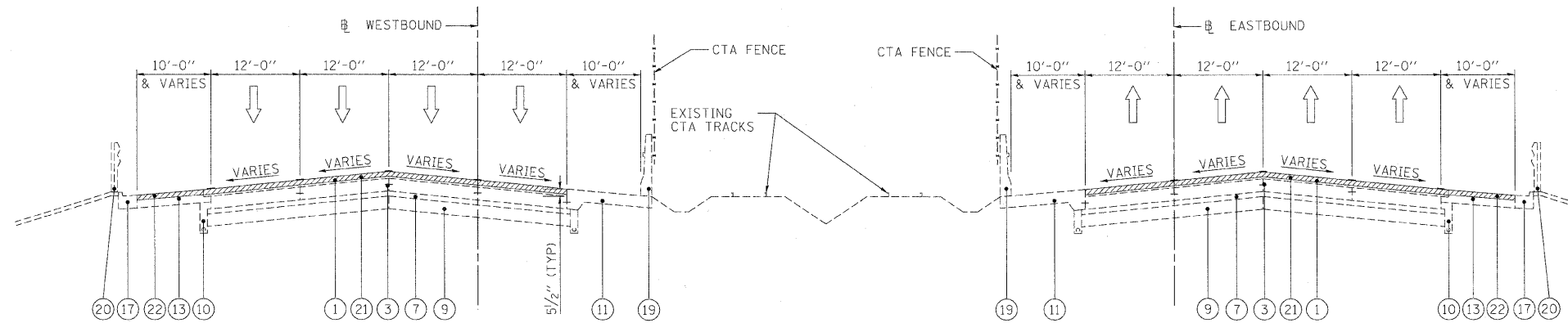
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#FILE#	DRAWN - TMB	REVISED -						290	(2525, ETC., 2727)RS-8	COOK	201	6
USER NAME = #USER#	CHECKED - JMM	REVISED -			SCALE: N.T.S. SHEET NO. 4 OF 5 SHEETS STA. TO STA.			CONTRACT NO. 60K11				
PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -						FED. ROAD 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"
- 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:

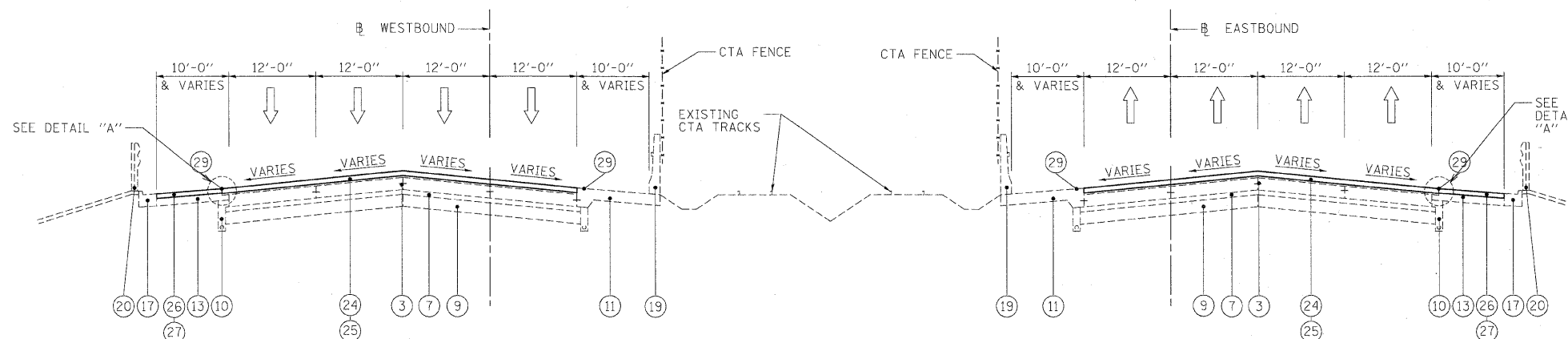
- 1. NOT USED
- 2. 3-LANES ONLY
- 3. OUTSIDE (AUXILLIARY) LANE SEPERATED FROM MAINLINE
- 4. 5-LANES ONLY FROM STA 1204+30 TO STA 1207+50
- 5. EXISTING HMA PAVEMENT THICKNESS 5 1/2" TO 5 3/4" ALONG FAI-290.
- 6. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.
- 7. THE EXISTING HMA IN THE FLAG 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.
- 8. THE COST OF HAND REMOVAL OF HMA SURFACE AROUND CASTINGS SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL OF THE THICKNESS SPECIFIED.
- 9. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.



WESTBOUND
 STA. 1072+00 TO STA. 1080+10
 STA. 1109+10 TO STA. 1116+20
 STA. 1126+40 TO STA. 1136+70
 STA. 1145+80 TO STA. 1164+90
 STA. 1178+10 TO STA. 1197+80
 STA. 1207+50 TO STA. 1215+15 (SEE NOTE 2.)

I-290 EXISTING TYPICAL SECTION

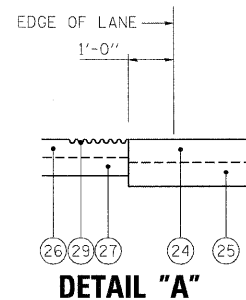
EASTBOUND
 STA. 1072+00 TO STA. 1080+00
 STA. 1100+00 TO STA. 1116+10
 STA. 1126+30 TO STA. 1136+60
 STA. 1145+70 TO STA. 1164+80
 STA. 1178+00 TO STA. 1197+50
 STA. 1207+30 TO STA. 1214+90 (SEE NOTE 2.)



WESTBOUND
 STA. 1072+00 TO STA. 1080+10
 STA. 1109+10 TO STA. 1116+20
 STA. 1126+40 TO STA. 1136+70
 STA. 1145+80 TO STA. 1164+90
 STA. 1178+10 TO STA. 1197+80
 STA. 1207+50 TO STA. 1215+15 (SEE NOTE 2.)

I-290 PROPOSED TYPICAL SECTION

EASTBOUND
 STA. 1072+00 TO STA. 1080+00
 STA. 1100+00 TO STA. 1116+10
 STA. 1126+30 TO STA. 1136+60
 STA. 1145+70 TO STA. 1164+80
 STA. 1178+00 TO STA. 1197+50
 STA. 1207+30 TO STA. 1214+90 (SEE NOTE 2.)



FILE NAME =	DESIGNED - CAG	REVISED -
...NppIn-ABC.C3.290.m1.tyo.01.dgn	DRAWN - DMS	REVISED -
USER NAME = jmojewski	CHECKED - CAR	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

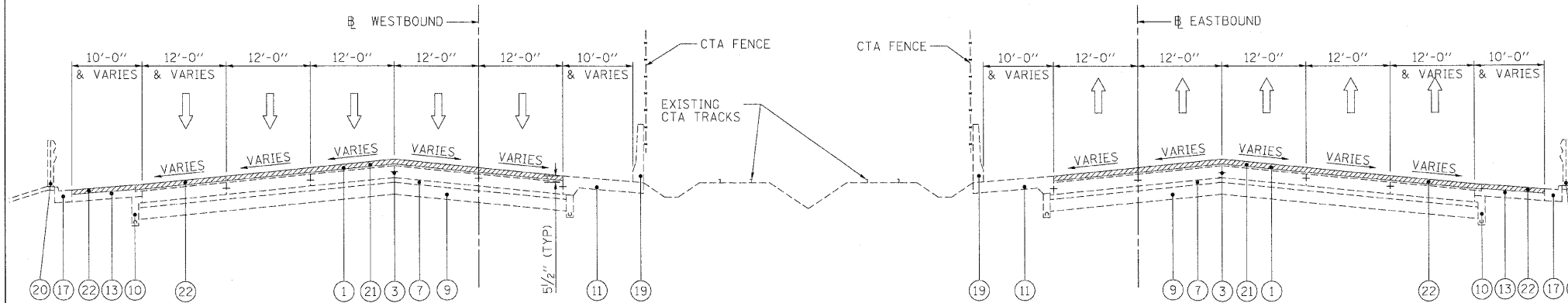
TYPICAL SECTIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: N.T.S.	SHEET NO. 1 OF 4 SHEETS	290	(2525, ETC., 2727)RS-8	COOK	201	8
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LEGEND

- ① EXISTING HMA OVERLAY, VARIES (SEE NOTE 5)
- ② EXISTING C.R.C. PAVEMENT, 12"
- ③ EXISTING P.C.C. PAVEMENT, 10"
- 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
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- 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 3/4"
- 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:

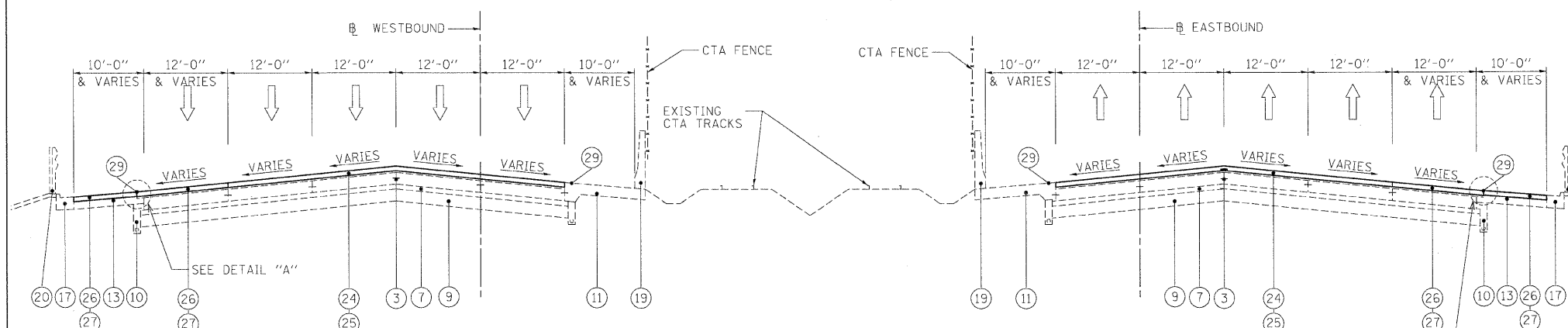
- 1. NOT USED
- 2. 3-LANES ONLY
- 3. OUTSIDE (AUXILLIARY) LANE SEPERATED FROM MAINLINE
- 4. 5-LANES ONLY FROM STA 1204+30 TO STA 1207+50
- 5. EXISTING HMA PAVEMENT THICKNESS 5 1/2" TO 5 3/4" ALONG FAI-290.
- 6. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.
- 7. THE EXISTING HMA IN THE FLAG 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.
- 8. THE COST OF HAND REMOVAL OF HMA SURFACE AROUND CASTINGS SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL OF THE THICKNESS SPECIFIED.
- 9. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.



WESTBOUND
 STA. 1080+10 TO STA. 1100+10 (SEE NOTE 3.)
 STA. 1116+20 TO STA. 1126+40
 STA. 1136+70 TO STA. 1145+80
 STA. 1164+90 TO STA. 1178+10
 STA. 1204+30 TO STA. 1207+50

EASTBOUND
 STA. 1080+00 TO STA. 1100+00 (SEE NOTE 3.)
 STA. 1116+10 TO STA. 1126+30
 STA. 1136+60 TO STA. 1145+70
 STA. 1164+80 TO STA. 1178+00

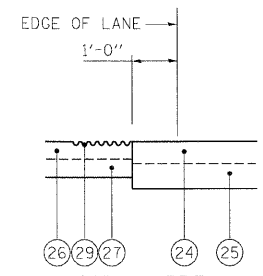
I-290 EXISTING TYPICAL SECTION



WESTBOUND
 STA. 1080+10 TO STA. 1100+10 (SEE NOTE 3.)
 STA. 1116+20 TO STA. 1126+40
 STA. 1136+70 TO STA. 1145+80
 STA. 1164+90 TO STA. 1178+10
 STA. 1204+30 TO STA. 1207+50

EASTBOUND
 STA. 1080+00 TO STA. 1100+00 (SEE NOTE 3.)
 STA. 1116+10 TO STA. 1126+30
 STA. 1136+60 TO STA. 1145+70
 STA. 1164+80 TO STA. 1178+00

I-290 PROPOSED TYPICAL SECTION



DETAIL "A"

FILE NAME =	DESIGNED - CAG	REVISED -
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USER NAME = jmsjewski	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 4 SHEETS STA. TO STA.

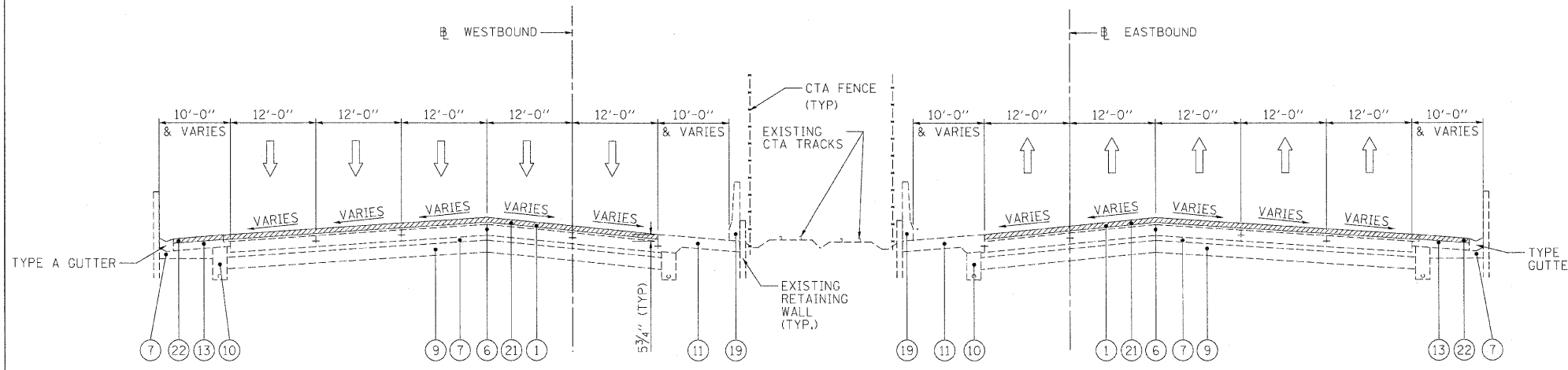
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	9
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K11	

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 3/4"
- 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:

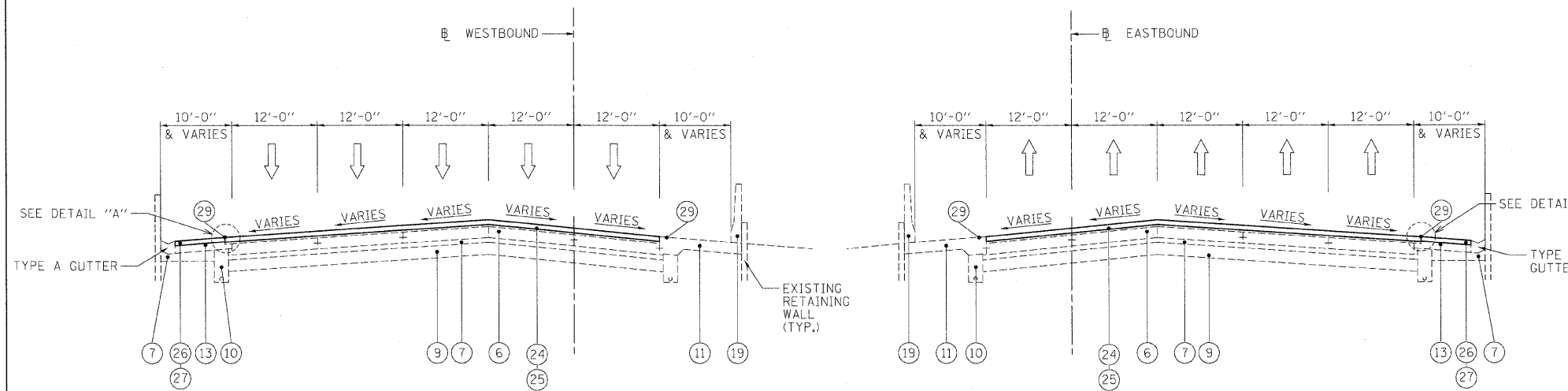
- 1. NOT USED
- 2. 3-LANES ONLY
- 3. OUTSIDE (AUXILIARY) LANE SEPERATED FROM MAINLINE
- 4. 5-LANES ONLY FROM STA 1204+30 TO STA 1207+50
- 5. EXISTING HMA PAVEMENT THICKNESS 5 1/2" TO 5 3/4" ALONG I-290.
- 6. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.
- 7. THE EXISTING HMA IN THE FLAG OF 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.
- 8. THE COST OF HAND REMOVAL OF HMA SURFACE AROUND CASTINGS SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL OF THE THICKNESS SPECIFIED.
- 9. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.



WESTBOUND
STA. 1197+80 TO STA. 1207+50 (SEE NOTE 4.)

EASTBOUND
STA. 1197+50 TO STA. 1207+30

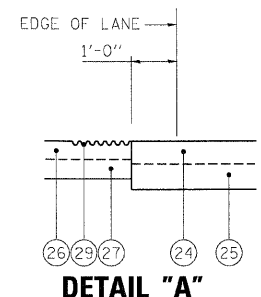
I-290 EXISTING TYPICAL SECTION



WESTBOUND
STA. 1197+80 TO STA. 1207+50 (SEE NOTE 4.)

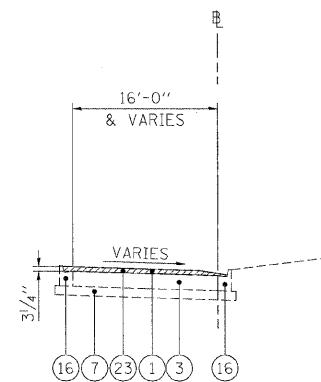
EASTBOUND
STA. 1197+50 TO STA. 1207+30

I-290 PROPOSED TYPICAL SECTION

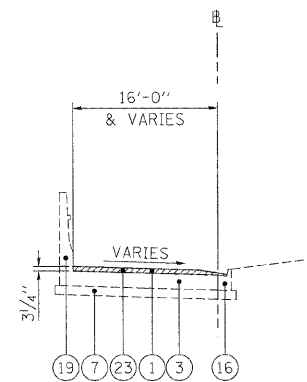


DETAIL "A"

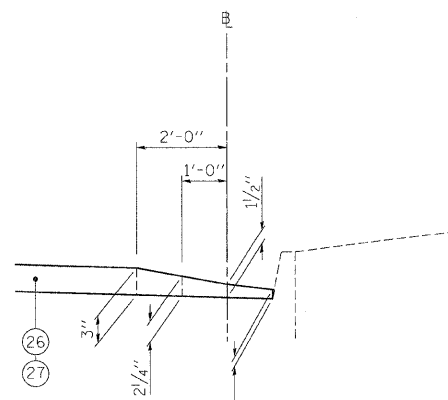
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...\\pp1n-abc.c3.290.m1.tyo.06.dgn	DRAWN - DMS	REVISED -			290	(2525, ETC., 2727)RS-8	COOK	201	10			
USER NAME = jnajewski	CHECKED - CAR	REVISED -			CONTRACT NO. 60K11							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 3 OF 4 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



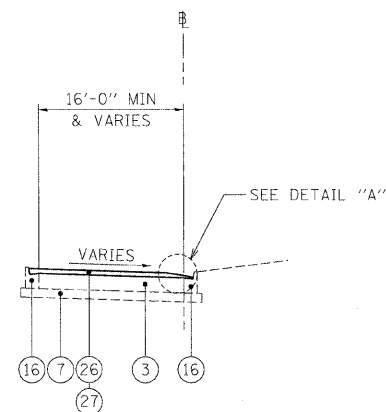
I-290 EXISTING TYPICAL SECTION
MAINLINE RAMPS



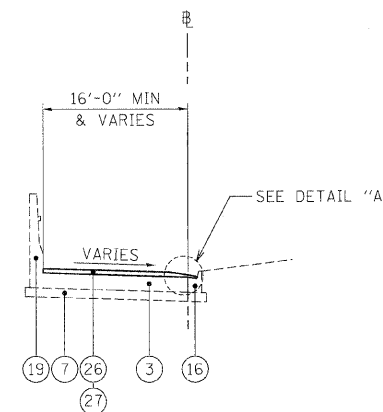
I-290 EXISTING TYPICAL SECTION
RAMPS AT KENNEDY INTERCHANGE



DETAIL "A"



I-290 PROPOSED TYPICAL SECTION
MAINLINE RAMPS



I-290 PROPOSED TYPICAL SECTION
RAMPS AT KENNEDY INTERCHANGE

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"
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- 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
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- 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
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- ㉑ HOT-MIX ASPHALT SURFACE REMOVAL 4"
- ㉒ HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"
- ㉓ HOT-MIX ASPHALT SURFACE REMOVAL 3/4"
- 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. NOT USED
- 2. 3-LANES ONLY
- 3. OUTSIDE (AUXILLIARY) LANE SEPERATED FROM MAINLINE
- 4. 5-LANES ONLY FROM STA 1204+30 TO STA 1207+50
- 5. EXISTING HMA PAVEMENT THICKNESS 5 1/2" TO 5 3/4" ALONG FAI-290.
- 6. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.
- 7. 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.
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- 9. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\prpln_abc_c3_290_ramp.typ.dgn	DRAWN - DMS	REVISED -			290	(2525, ETC., 2727)RS-8	COOK	201	11			
USER NAME = jmajewski	CHECKED - CAR	REVISED -			CONTRACT NO. 60K11							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

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

CONTRACT 60K11
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"
ALIGNMENT	DIRECTION	DESCRIPTION	STATION	STATION	(TON)	(TON)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)
290	EB	OUTSIDE SHLDR	1058+43	1083+10			114	171		1,353	
290	EB	MAINLINE	1058+47	1116+50	3,259	2,704					24,140
290	WB	OUTSIDE SHLDR	1058+87	1079+97			83	125		999	
290	WB	MAINLINE	1059+29	1116+25	3,245	2,692					24,035
290	WB	RAMP/AUXILLARY	1079+97	1088+20			169	254		2,013	
290	WB	RAMP	1081+14	1086+88			86	129	1,023		
290	EB	RAMP	1081+55	1086+44			85	127	1,010		
290	EB	RAMP/AUXILLARY	1083+10	1087+76			111	167		1,326	
290	EB	RAMP/AUXILLARY	1087+76	1094+75			329	494		3,920	
290	WB	RAMP/AUXILLARY	1088+20	1095+16			287	430		3,414	
290	EB	RAMP/AUXILLARY	1094+75	1103+41			190	285		2,265	
290	WB	RAMP/AUXILLARY	1095+16	1099+91			117	176		1,397	
290	EB	RAMP	1096+03	1100+66			71	107	850		
290	WB	RAMP	1096+68	1100+79			74	111	880		
290	WB	OUTSIDE SHLDR	1099+91	1116+25			215	322		2,557	
290	EB	OUTSIDE SHLDR	1103+41	1116+50			137	205		1,627	
290	EB	RAMP	1113+76	1116+50			47	71	562		
290	WB	RAMP	1114+34	1116+25			46	69	549		
290	WB	MAINLINE	1116+25	1146+18	2,172	1,802					16,091
290	WB	RAMP/AUXILLARY	1116+25	1126+37			257	385		3,059	
290	EB	MAINLINE	1116+50	1144+66	2,046	1,698					15,157
290	EB	RAMP/AUXILLARY	1116+50	1124+96			194	290		2,305	
290	EB	OUTSIDE SHLDR	1124+96	1136+66			136	204		1,622	
290	WB	OUTSIDE SHLDR	1127+01	1137+67			109	164		1,301	
290	EB	RAMP	1133+50	1136+66			50	75	597		
290	WB	RAMP	1134+76	1137+67			44	66	522		
290	EB	RAMP/AUXILLARY	1136+66	1144+65			238	357		2,832	
290	WB	RAMP/AUXILLARY	1137+67	1145+70			260	389		3,091	
290	EB	OUTSIDE SHLDR	1144+65	1164+87			206	309		2,450	
290	EB	RAMP	1144+65	1148+25			61	91	720		
290	EB	MAINLINE	1144+66	1197+50	3,866	3,208					28,639
290	WB	OUTSIDE SHLDR	1145+70	1166+13			217	325		2,579	
290	WB	RAMP	1145+70	1148+73			51	76	604		
290	WB	MAINLINE	1146+18	1197+80	3,776	3,133					27,973
290	EB	RAMP	1161+03	1164+87			76	114	907		
290	WB	RAMP	1162+51	1165+13			76	114	903		
290	EB	RAMP/AUXILLARY	1164+87	1174+28			303	455		3,608	
290	WB	RAMP/AUXILLARY	1165+13	1178+02			392	588		4,665	
290	EB	OUTSIDE SHLDR	1174+28	1195+98			182	273		2,171	
290	EB	RAMP	1174+28	1178+25			90	134	1,067		
290	WB	OUTSIDE SHLDR	1178+02	1202+31			266	399		3,167	
290	WB	RAMP	1178+02	1182+30			72	108	859		
290	EB	RAMP/AUXILLARY	1195+98	1206+74			168	253		2,005	
290	EB	MAINLINE	1197+50	1203+84	458	380					3,390
290	WB	MAINLINE	1197+80	1207+50	647	537					4,791
290	WB	RAMP	1199+20	1202+31			62	93	741		
290	WB	RAMP/AUXILLARY	1202+31	1210+57			466	699		5,547	
290	EB	MAINLINE	1203+84	1214+90	606	503					4,492
290	EB	RAMP/AUXILLARY	1206+74	1209+10			36	54		425	
290	EB	RAMP	1206+74	1214+70			385	577	4,582		
290	WB	MAINLINE	1207+50	1215+15	420	349					3,113
290	WB	RAMP	1209+09	1214+33			223	335	2,657		
290	EB	OUTSIDE SHLDR	1209+10	1214+90			111	167		1,325	
290	WB	OUTSIDE SHLDR	1210+57	1215+15			97	146		1,158	
TOTAL					20,496	17,004	6,990	10,485	19,035	64,181	151,821

FILE NAME =	DESIGNED - AJP	REVISED -
...prpIn_ABC.C3_sch_01.dgn	DRAWN - TMB	REVISED -
USER NAME = jmcjwsk	CHECKED - JMM	REVISED -
PLOT DATE = 1/25/2018	DATE - 1/25/10	REVISED -

benesch

**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	(2525, ETC., 2727)RS-8	COOK	201	12
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	

CONTRACT 60K11
RUMBLE STRIP SCHEDULE

I-290 WESTBOUND - INSIDE SHOULDER			
STATION TO STATION		RUMBLE STRIP LENGTH	SHOULDER SURFACE TYPE
START	END	(FOOT)	
1072+00	1214+96	14,310	CONCRETE

TOTAL	14,310
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CONTRACT 60K11
RUMBLE STRIP SCHEDULE

I-290 WESTBOUND - OUTSIDE SHOULDER			
STATION TO STATION		RUMBLE STRIP LENGTH	SHOULDER SURFACE TYPE
START	END	(FOOT)	
1072+00	1079+89	800	HMA
1088+11	1095+07	696	HMA
1099+82	1116+82	1,636	HMA
1126+27	1137+58	1,129	HMA
1145+61	1166+05	2,045	HMA
1177+89	1202+11	2,430	HMA
1210+55	1215+00	442	HMA

TOTAL	9,178
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CONTRACT 60K11
RUMBLE STRIP SCHEDULE

I-290 EASTBOUND - INSIDE SHOULDER			
STATION TO STATION		RUMBLE STRIP LENGTH	SHOULDER SURFACE TYPE
START	END	(FOOT)	
1072+00	1214+90	14,293	CONCRETE

TOTAL	14,293
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CONTRACT 60K11
RUMBLE STRIP SCHEDULE

I-290 EASTBOUND - OUTSIDE SHOULDER			
STATION TO STATION		RUMBLE STRIP LENGTH	SHOULDER SURFACE TYPE
START	END	(FOOT)	
1072+00	1083+10	1,108	HMA
1087+76	1095+33	758	HMA
1103+41	1116+50	1,308	HMA
1124+96	1136+66	1,170	HMA
1144+66	1164+87	2,022	HMA
1174+28	1176+52	2,168	HMA
1209+10	1214+90	581	HMA

TOTAL	9,115
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FILE NAME =	DESIGNED - AJP	REVISED -
...\\pripin-ABC_C3_sch_02.dgn	DRAWN - TMB	REVISED -
USER NAME = jnojewski	CHECKED - JMM	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

**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	(2525, ETC., 2727)RS-8	COOK	201	13
			CONTRACT NO. 60K11	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

CONTRACT 60K11
BARRIER, GUARD RAIL, & CURB SCHEDULE

LOCATION				STEEL PLATE BEAM GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE B	CONCRETE BARRIER REMOVAL AND REPLACEMENT, SINGLE FACE	COMBINATION CURB AND GUTTER REMOVAL	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
ALIGNMENT	DIRECTION	SIDE	STARTING STATION	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
290 RAMP	WB	L	1082+00				15		15	
290 RAMP	WB	L	1085+30					5		
290 RAMP	EB	L	1083+50				146		146	
290 RAMP	WB	R	1097+00				15		15	
290 RAMP	WB	R	1098+50				50		50	
290 RAMP	WB	L	1099+60				50		50	
290 RAMP	WB	L	1113+00					5		
290 RAMP	WB	L	1134+90					5		
290 RAMP	WB	R	1146+50				50		50	
290 RAMP	WB	L	1179+80					5		
290 RAMP	WB	R	1180+30				20			20
290	WB	L	1099+00					10		
290	WB	L	1109+50					5		
290	WB	L	1114+80					5		
290 RAMP	EB	R	1145+50					8		
290 RAMP	EB	L	1146+00				58			58
290 RAMP	EB	R	1146+00				86			86
290 RAMP	EB	L	1161+80				12			12
290 RAMP	EB	R	1164+00				51			51
290	EB	R	1172+50				50			50
290	EB	R	1175+10				76			76
290 RAMP	EB	R	1178+20				90			90
290 RAMP	WB	R	1186+30	25	25					
290	WB	R	1113+00			30				
290	WB	R	1133+80			50				
290	WB	R	1175+50			35				
290	WB	R	1205+50			10				
TOTAL				25	25	125	769	48	326	443

CONTRACT 60K11
TEMPORARY INFORMATION SIGNING - ALL STAGES

STATION	LEGEND/DESCRIPTION	PANEL COVER DIMENSIONS		PANEL COVER AREA
		WIDTH (FT)	HEIGHT (FT)	(SQ FT)
		1184+20	COVER	2.0
1184+20	ARROW	2.0	2.0	4.0
TOTAL				8.0

CONTRACT 60K11
PORTLAND CEMENT CONCRETE SHOULDERS

LOCATION	DESCRIPTION	PAVED SHOULDER REMOVAL	PORTLAND CEMENT CONCRETE SHOULDERS 6"
		(SQ YD)	(SQ YD)
CALIFORNIA AVE. TO LEAVITT ST.	EB INSIDE SHOULDER	10	10
	WB INSIDE SHOULDER	10	10
LEAVITT ST. TO PAULINA ST.	EB INSIDE SHOULDER	10	10
	WB INSIDE SHOULDER	10	10
TOTAL		40	40


CONTRACT 60K11
TEMPORARY PAVEMENT MARKING

STAGE	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	PAVEMENT MARKING REMOVAL	EPOXY PAVEMENT MARKING - LINE 4 INCH	EPOXY PAVEMENT MARKING - LINE 5 INCH	EPOXY PAVEMENT MARKING - LINE 8 INCH	
	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	
1	19,919	167	13,405	1,391	6,571				
2	27,060	6,615	4,569	867	2,917				
RESURFACING		6,765				140,657	64,361	41,361	
TOTAL									
	46,979	13,547	17,974	2,258	9,488	140,657	64,361	41,361	

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-BM-124	1078+70	EXIT 26A - INDEPENDENCE BLVD - 1 MILE	23.5	8.5	23.5	8.5			199.8					199.8			1.0
WB-BM-125	1078+70	EXIT 26B - HOMAN AVE - 1/2 MILE	15.5	8.5	15.5	8.5			131.8					131.8			1.0
WB-BM-125A*	1078+70	CALIFORNIA AVE - 2800 W	9.1	2.5	9.1	2.5		22.8				22.8					
WB-PM-125B	1079+39	TRUCKS - USE - RIGHT - 2 - LANES	4.0	5.0	4.0	5.0		20.0				20.0					
WB-TS-125C	1079+39	TRUCKS - USE - RIGHT - 2 - LANES	4.0	5.0	4.0	5.0						20.0					
WB-WP-126	1085+40	EXIT	6.0	5.0	6.0	5.0								30.0	36.0	18.0	
WB-TS-126A	1088+30	W4-1R	4.0	4.0	4.0	4.0						16.0				18.0	
WB-WP-127	1094+90	EXIT - 27B	7.5	5.0	7.0	5.0								35.0	36.0		
WB-TS-127A	1096+87	W4-1R	4.0	4.0	4.0	4.0						16.0				18.0	
WB-CL-128	1100+00	EXIT 27B - CALIFORNIA AVE - 2800 W	23.0	7.5	23.0	7.5			172.5					172.5			1.0
WB-TS-128A	1100+00	W13-3 (30 MPH)	3.0	4.0	4.0	5.0										18.0	
WB-BM-128B*	1105+86	WESTERN AVE - 2400 W	8.3	2.5	8.3	2.5		20.8				20.8					
WB-BM-128C*	1112+21	OAKLEY BLVD - 2300 W	8.0	2.5	8.0	2.5		20.0				20.0					
WB-WP-129	1115+80	EXIT - 27C	7.5	5.0	7.0	5.0								35.0	36.0		
WB-PM-129A	1117+00	W13-3 (30 MPH)	3.0	4.0	4.0	5.0		12.0				20.0					
WB-BM-130	1118+70	EXIT 26B - HOMAN AVE - 1 1/4 MILES	15.5	8.5	15.5	8.5			131.8					131.8			1.0
WB-BM-131	1118+70	EXIT 27B - CALIFORNIA AVE - 1/4 MILE	19.0	8.0	19.0	8.0			152.0					152.0			1.0
WB-BM-132	1118+70	EXIT 27C - OAKLEY BLVD 2300 W - WESTERN AVE 2400 W	21.5	11.5	21.5	11.5			247.3					247.3			1.0
WB-BM-132A*	1118+70	LEAVITT ST - 2200 W	6.6	2.5	6.6	2.5		16.5				16.5					
WB-PM-132B1	1120+80	M3-4	2.5	1.3	2.5	1.3	3.1					3.1					
WB-PM-132B2	1120+80	M1-1-3 (I 290)	PER MUTCD	STD (9FT²)	PER MUTCD	STD (9FT²)	9.0					9.0					
WB-TS-132C	1127+29	W4-1R														18.0	
WB-BM-133	1132+20	EXIT 27B - CALIFORNIA AVE - 1/2 MILE							152.0					152.0			1.0
WB-BM-134	1132+20	EXIT 27C - OAKLEY BLVD-WESTERN AVE - 1/4 MILE							264.0					264.0			1.0
WB-BM-134A*	1132+20	DAMEN AVE - 2000 W						18.8				18.8					
AB-PM-134B	1134+51	TRUCKS - USE - RIGHT - 2 - LANES						20.0				20.0					
WB-TS-134C	1136+18	R2-1 (55 MPH)														18.0	
WB-WP-135	1137+50	EXIT - 28A												35.0	36.0		
WB-PM-135A	1138+32	W13-3 (30 MPH)						12.0				20.0					
WB-BM-135B*	1142+93	OGDEN AVE - 1850 W						18.3				18.3					
WB-CL-136	1144+00	EXIT 28A - DAMEN AVE - 2000 W							152.0					152.0			1.0
WB-WP-136A	1146+34	W4-1R														18.0	
WB-BM-136B*	1152+29	PAULINA ST - 1700 W						17.5				17.5					
WB-BM-137	1159+20	EXIT 27C - OAKLEY BLVD-WESTERN AVE - 3/4 MILE							280.5					280.5			1.0
WB-BM-138	1159+20	EXIT 28A - DAMEN AVE - 1/4 MILE							120.0					120.0			1.0
WB-BM-138A*	1159+20	ASHLAND BLVD - 1600 W						21.5				21.5					
WB-WP-139	1165+50	EXIT - 28B												35.0	36.0		
WB-PM-139A	1166+30	W13-3 (30 MPH)						12.0				20.0					
WB-BM-140	1172+00	EXIT 28B - ASHLAND BLVD 1600 W - PAULINA ST 1700 W							267.8					267.8			1.0
WB-BM-140A*	1172+00	LOOMIS ST - 1400 W						16.9				16.9					
WB-TS-140B	1178+75	W4-1R														18.0	
WB-GM-141	1183+00	ILLINOIS MED DISTRICT - UNIV OF ILL MED CENTER - RUSH UNIVERSITY - EXIT 28B												171.0			
WB-BM-141A*	1185+38	RACINE AVE - 1200 W						18.5				18.5					

*EXISTING SIGN DIMENSIONS NOT AVAILABLE; PROPOSED SIGN DIMENSIONS USED


FILE NAME =	DESIGNED - SEW	REVISED -	 LIN ENGINEERING LTD. Consulting Engineers Champaign, 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 -			290	(2525, ETC., 2727) RS-8	COOK	201	16			
USER NAME = #USER#	CHECKED - FML	REVISED -			CONTRACT NO. 60K11							
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 (CONTINUED)			EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		REMOVE SIGN PANEL-TYPE 1	REMOVE SIGN PANEL-TYPE 2	REMOVE SIGN PANEL-TYPE 3	REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE B	SIGN PANEL TYPE 1	SIGN PANEL TYPE 2	SIGN PANEL TYPE 3	WOOD SIGN SUPPORT	TELESCOPING STEEL SIGN SUPPORT	REMOVAL OF LIGHTING UNIT, NO SALVAGE
SIGN NO.	STATION	LEGEND/DESCRIPTION	WIDTH (FT)	HEIGHT (FT)	WIDTH (FT)	HEIGHT (FT)	(SQ FT)	(SQ FT)	(SQ FT)	EACH	EACH	(SQ FT)	(SQ FT)	(SQ FT)	(FOOT)	(FOOT)	(EACH)
WB-CM-142	1190+50	UNIVERSITY - OF ILLINOIS - AT CHICAGO - EXIT 28B	12.0	9.0	13.0	10.0			108.0					130.0			
WB-TS-142A1	1195+00	M3-4	2.5	1.3	2.5	1.3				1.0		3.1				18.0	
WB-TS-142A2	1195+00	M1-1-3 (I 290)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)					1.0		9.0					
WB-PM-142B	1193+49	R2-1 (55 MPH)	4.0	5.0	4.0	5.0		20.0					20.0				
WB-BM-143	1199+30	EXIT 28A - DAMEN AVE - 1 MILE	15.5	8.5	15.5	8.5			131.8					131.8			1.0
WB-BM-144	1199+30	EXIT 28B - ASHLAND AVE - PAULINA ST - 1/2 MILE	32.0	8.0	32.0	8.0		256.0						256.0			1.0
WB-BM-144A*	1199+30	MORGAN ST - 1000 W	7.0	2.5	7.0	2.5		17.5				17.5					
WB-WP-145	1202+35	EXIT - 29B	7.5	5.0	7.0	5.0				1.0				35.0	36.0		
WB-TS-145A	1203+10	W13-3 (30 MPH)	3.0	4.0	4.0	5.0				1.0			20.0			18.0	
WB-BM-146	1205+60	EXIT 28B - ASHLAND AVE - PAULINA ST - 3/4 MILE	32.0	8.0	32.0	7.5		256.0						240.0			1.0
WB-BM-147	1205+60	EXIT 29B - MORGAN ST - 1000 W	18.0	7.5	18.0	7.5		135.0						135.0			1.0
WB-TS-147A*	1205+60	PEORIA ST - 900 W	6.4	2.5	6.4	2.5				1.0		16.0			18.0		
WB-WP-148	1210+78	W4-3R	4.0	4.0	4.0	4.0				1.0		16.0			18.0		
WB-BM-148A	1212+07	HALSTED ST - 800 W	7.0	2.5	7.0	2.5		17.5				17.5					
WB-BM-149*	1212+90	EXIT TO - MORGAN ST - PROHIBITED	16.0	9.0	16.0	9.0			144.0					144.0			
WB-CM-150*	1213+10	DO NOT CROSS - SOLID WHITE LINE - STAY IN YOUR LANE	25.5	9.0	25.5	9.0			229.5					229.5			
WESTBOUND SUBTOTAL							13	323	3703	2	17	25	539	3914	252	180	16

*EXISTING SIGN DIMENSIONS NOT AVAILABLE; PROPOSED SIGN DIMENSIONS USED

MILE POST MARKER ASSEMBLY


DIRECTION	EACH
EASTBOUND	5
WESTBOUND	5
TOTAL	10

FILE NAME =	DESIGNED - SEW	REVISED -	 LIN ENGINEERING LTD. Consulting Engineers Orlaan, Illinois Westmont, Illinois	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL	DRAWN - SEW	REVISED -			290	(2525, ETC., 2727) RS-8	COOK	201	17			
USER NAME = #USER*	CHECKED - FML	REVISED -			CONTRACT NO. 60K11							
PLOT DATE = #DATE*	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 3 OF 3 SHEETS	STA. TO STA.	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
1073+30 - 135' L	1078+62 - 135' L	8' x 7'2"	631.6	632.0	60.0
1078+62 - 135' L	1085+81 - 135' L	8' x 7'2"	719.4	720.0	70.0
1092+15 - 142' L	1098+31 - 135' L	8' x 7'2"	0.0	616.0	60.0
1098+31 - 135' L	1104+11 - 135' L	8' x 7'2"	0.0	580.0	55.0
1104+11 - 135' L	1106+00 - 135' L	8' x 7'2"	164.3	165.0	50.0
1106+00 - 135' L	1112+39 - 135' L	8' x 7'2"	619.2	620.0	185.0
1112+39 - 135' L	1119+71 - 135' L	8' x 7'2"	0.0	732.0	69.0
1119+71 - 135' L	1125+10 - 135' L	8' x 7'2"	0.0	539.0	50.0
1119+71 - 135' L	1125+10 - 135' L	8' x 7'2"	212.9	21.0	0.5
1125+10 - 135' L	1131+59 - 135' L	8' x 7'2"	648.6	649.0	61.0
1131+59 - 135' L	1136+98 - 135' L	8' x 7'2"	2.0	536.0	50.0
1136+98 - 135' L	1141+71 - 135' L	8' x 7'2"	0.0	474.0	45.0
1141+71 - 135' L	1145+27 - 135' L	8' x 7'2"	0.0	357.0	33.0
1145+27 - 135' L	1150+00 - 165' L	8' x 8'	533.5	534.0	50.0
1150+00 - 165' L	1155+50 - 170' L	8' x 8'	549.5	550.0	50.0
1155+50 - 170' L	1159+80 - 170' L	8' x 8'	2.0	430.0	50.0
1159+80 - 170' L	1165+93 - 170' L	8' x 8'	0.0	614.0	90.0
1165+93 - 170' L	1177+43 - 12' R	8' x 8'	0.0	1340.0	200.0
1177+43 - 12' R	1191+34 - 12' R	8' x 7'8"	0.0	1391.0	130.0
1191+34 - 12' R	1199+00 - 12' R	8' x 7'8"	0.0	1000.0	100.0
1199+00 - 12' R	1212+00 - 12' R	8' x 7'1"	0.0	1300.0	240.0
			TOTAL	13800	

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
1073+30 - 135' L	1078+62 - 135' L	8' x 7'2"	631.6	15.0
1092+15 - 142' L	1098+31 - 135' L	8' x 7'2"	566.7	21.0
1098+31 - 135' L	1104+11 - 135' L	8' x 7'2"	17.7	17.0
1131+59 - 135' L	1136+98 - 135' L	8' x 7'2"	538.4	6.0
1150+00 - 165' L	1155+50 - 170' L	8' x 8'	549.5	6.0
1155+50 - 170' L	1159+80 - 170' L	8' x 8'	415.6	2.0
1159+80 - 170' L	1165+93 - 170' L	8' x 8'	17.8	21.0
1177+43 - 12' R	1191+34 - 12' R	8' x 7'8"	26.2	21.0
1177+43 - 12' R	1191+34 - 12' R	8' x 7'8"	144.2	21.0
			TOTAL	130

* 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.	
FILEL	DRAWN - SGL	REVISED -					290	(2525, ETC., 2727) RS-8	COOK	201	18	
USER NAME = #USER*	CHECKED - FML	REVISED -			SCALE:		SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 60K11		
PLOT DATE = #DATE*	DATE - 1/25/10	REVISED -			ILLINOIS FED. AID PROJECT							

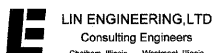
DRAINAGE STRUCTURE STA - O/S*	DRAINAGE STRUCTURES TO BE CLEANED
FROM EB ALIGNMENT	EACH
1073+30 - 135' L	1
1078+62 - 135' L	1
1085+81 - 135' L	1
1092+15 - 142' L	1
1098+31 - 135' L	1
1104+11 - 135' L	1
1106+00 - 135' L	1
1112+39 - 135' L	1
1119+71 - 135' L	1
1125+10 - 135' L	1
1131+59 - 135' L	1
1136+98 - 135' L	1
1141+71 - 135' L	1
1145+27 - 135' L	1
1150+00 - 165' L	1
1155+50 - 170' L	1
1159+80 - 170' L	1
1165+93 - 170' L	1
1177+43 - 12' R	1
1191+34 - 12' R	1
1199+00 - 12' R	1
1212+00 - 12' R	1
JOBSITE	316
TOTAL	338

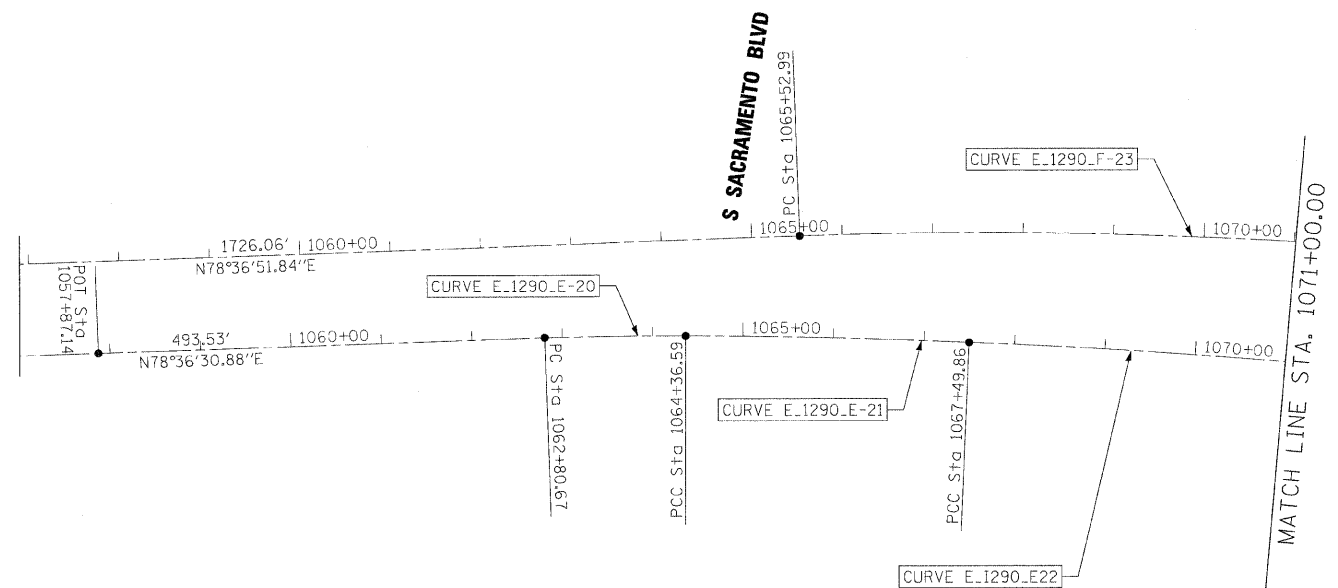
UPSTREAM MH STA - O/S*	DOWNSTREAM MH STA - O/S*	PIPE SIZE	LOCATION DIST. FROM US MH	APPROXIMATE VOLUME OF PATCHING REQUIRED	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 IN.)	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 IN.)
FROM EB ALIGNMENT	FROM EB ALIGNMENT	H X W	FT	CU. YD	SQ. FT.	SQ. FT.
1073+30 - 135' L	1078+62 - 135' L	8' x 7'2"	114.3	1.5	-	40.0
1078+62 - 135' L	1085+81 - 135' L	8' x 7'2"	455.0	0.3	2.0	-
1078+62 - 135' L	1085+81 - 135' L	8' x 7'2"	642.5	0.3	2.0	-
1078+62 - 135' L	1085+81 - 135' L	8' x 7'2"	698.2	0.3	2.0	-
1112+39 - 135' L	1119+71 - 135' L	8' x 7'2"	559.1	1.5	36.0	-
1155+50 - 170' L	1159+80 - 170' L	8' x 8'	419.7	0.3	2.0	-
1159+80 - 170' L	1165+93 - 170' L	8' x 8'	17.8	0.3	2.0	-
1159+80 - 170' L	1165+93 - 170' L	8' x 8'	62.0	0.3	2.0	-
1159+80 - 170' L	1165+93 - 170' L	8' x 8'	564.1	0.3	2.0	-
1177+43 - 12' R	1191+34 - 12' R	8' x 7'8"	729.9	2.0	-	56.0
TOTAL					50	96

PUMP STATION	AREA	DEPTH	VOLUME OF WET PIT	VOLUME OF DEBRIS IN WET PIT (ASSUME 25% FULL)	CLEANING OF WET PIT PRIOR TO CONSTRUCTION**	CLEANING OF WET PIT AFTER COMPLETION OF CONSTRUCTION**	CLEANING OF WET PIT TOTAL**
NO.	SQ YD	FT	CU YD	CU YD	TONS	TONS	TONS
5	36	45	540	135	200	200	400
26	48	58	928	232	345	345	690

* 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.

** AN ESTIMATED DEBRIS DENSITY OF 110 LB/CF HAS BEEN UTILIZED.

FILE NAME =	DESIGNED - SGL	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.
*FILE#	DRAWN - SGL	REVISED -			290	(2525, ETC., 2727) RS-8	COOK	201	19			
USER NAME = #USER#	CHECKED - FML	REVISED -			SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				
PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -			CONTRACT NO. 60K11							



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

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

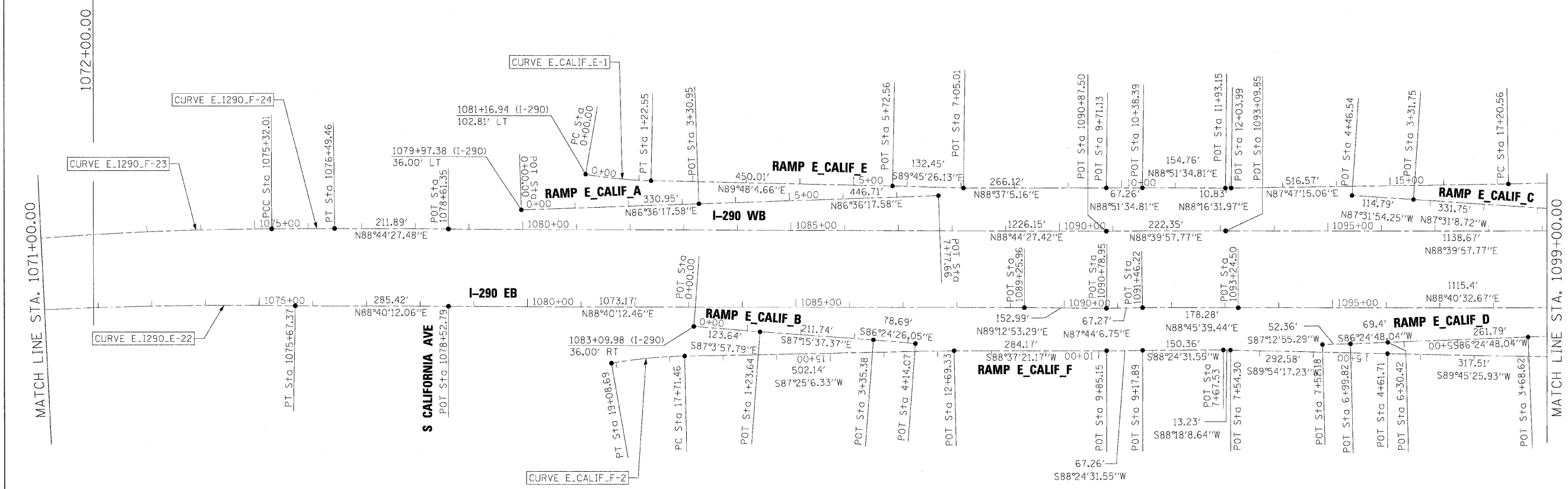
**ALIGNMENT PLAN
POB TO STA 1071+00**

SCALE: 1"=100' SHEET NO. 1 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	20
CONTRACT NO. 60K11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



CONTRACT 60G53 CONTRACT 60K11



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

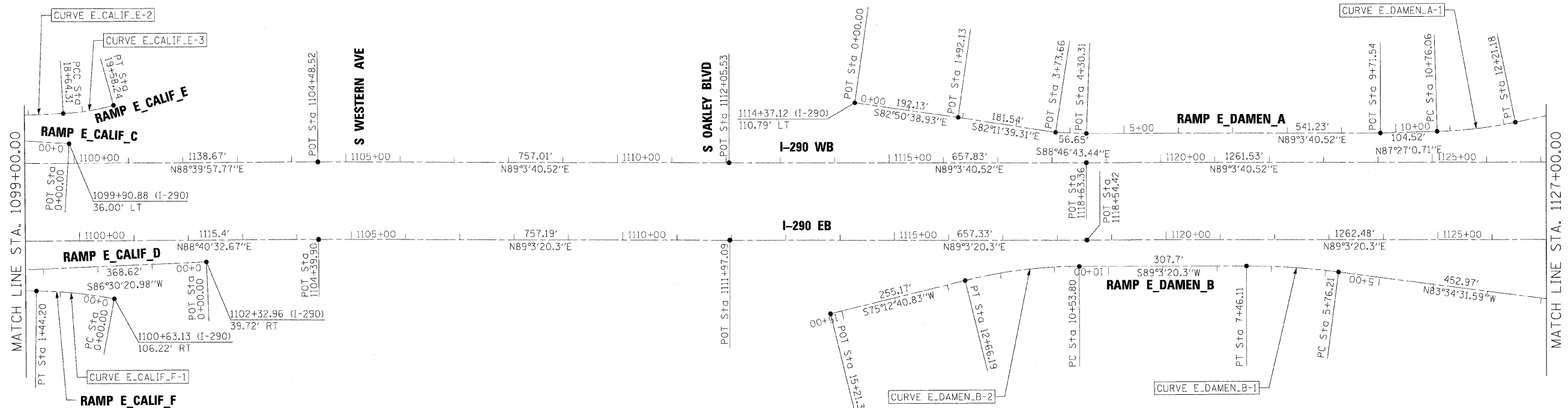
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=100' SHEET NO. 2 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	21
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

benesch

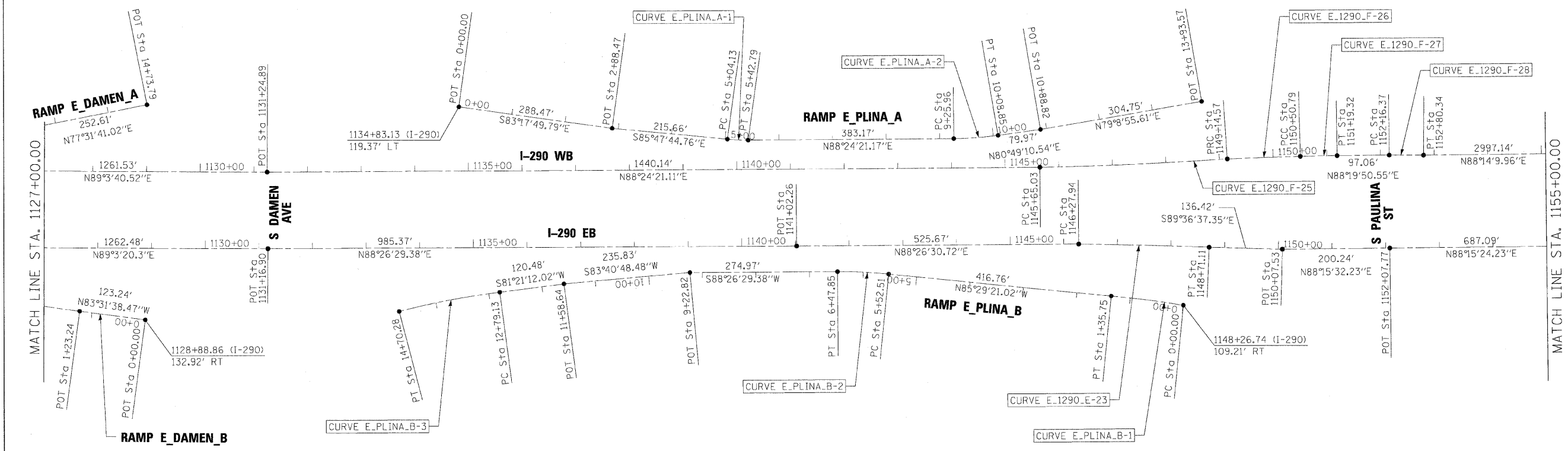
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
STA 1099+00 TO STA 1127+00**


SCALE: 1"=100' SHEET NO. 3 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	22
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 60K11



FILE NAME =	DESIGNED - CAG	REVISED -
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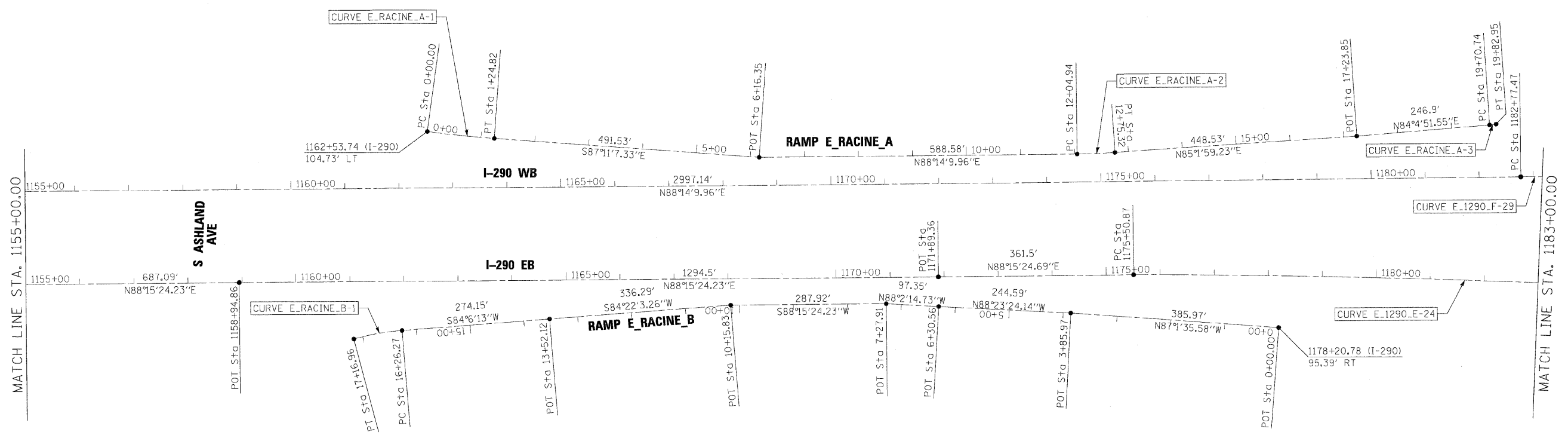


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT PLAN			
STA 1127+00 TO STA 1155+00			
SCALE: 1"=100'	SHEET NO. 4	OF 19 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	23
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CONTRACT NO. 60K11



MATCH LINE STA. 1155+00.00

S ASHLAND
AVE

MATCH LINE STA. 1183+00.00

FILE NAME =	DESIGNED - CAG	REVISED -
...\\exp1\ABC\C3.210_ML_exalign_11.dgn	DRAWN - DMS	REVISED -
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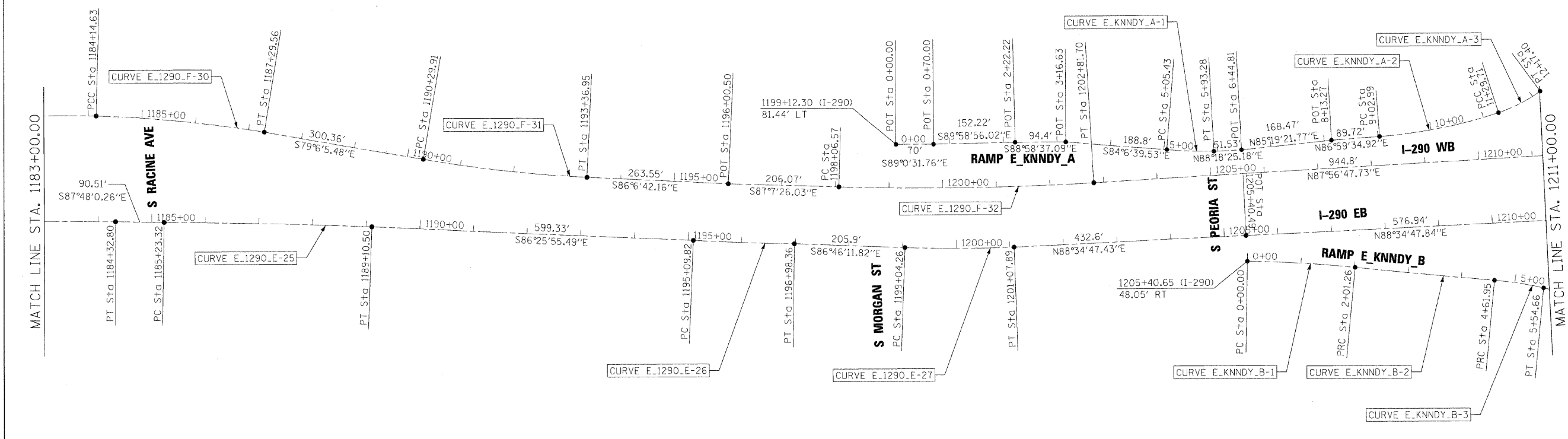
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
STA 1155+00 TO STA 1183+00**

SCALE: 1"=100' SHEET NO. 5 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	



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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
STA 1183+00 TO STA 1211+00**

SCALE: 1"=100' SHEET NO. 6 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	25
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 60K11



FILE NAME =	DESIGNED - CAG	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**

**ALIGNMENT PLAN
STA 1211+00 TO P.O.E.**

SCALE: 1"=100' SHEET NO. 7 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	26
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 60K11

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

Course from 164 to 165 N 88° 40' 12.46" E Dist 1,073.1723

Point 165 N 1,897,795.0313 E 1,158,905.4645 Sta 1089+25.96

Course from 165 to 166 N 89° 12' 53.29" E Dist 152.9891

Point 166 N 1,897,797.1279 E 1,159,058.4393 Sta 1090+78.95

Course from 166 to 167 N 87° 44' 06.75" E Dist 67.2659

Point 167 N 1,897,799.7861 E 1,159,125.6526 Sta 1091+46.22

Course from 167 to 168 N 88° 45' 39.44" E Dist 178.2843

Point 168 N 1,897,803.6413 E 1,159,303.8951 Sta 1093+24.50

Course from 168 to 169 N 88° 40' 32.67" E Dist 1,115.3965

Point 169 N 1,897,829.4187 E 1,160,418.9938 Sta 1104+39.90

Course from 169 to 170 N 89° 03' 20.30" E Dist 757.1902

Point 170 N 1,897,841.8983 E 1,161,176.0811 Sta 1111+97.09

Course from 170 to 171 N 89° 03' 20.30" E Dist 657.3286

Point 171 N 1,897,852.7321 E 1,161,833.3204 Sta 1118+54.42

Course from 171 to 172 N 89° 03' 20.30" E Dist 1,262.4841

Point 172 N 1,897,873.5397 E 1,163,095.6330 Sta 1131+16.90

Course from 172 to 173 N 88° 26' 29.38" E Dist 985.3651

Point 173 N 1,897,900.3393 E 1,164,080.6336 Sta 1141+02.26

Course from 173 to PC E I290 E-23 N 88° 26' 30.72" E Dist 525.6716

I-290 EB

Curve Data

Curve E I290 E-23
 P.I. Station 1147+49.53 N 1,897,915.0377 E 1,164,727.7000
 Delta = 1° 14' 31.37" (RT)
 Degree = 0° 30' 38.78"
 Tangent = 121.5899
 Length = 243.1703
 Radius = 11,217.4620
 External = 0.6590
 Long Chord = 243.1655
 Mid. Ord. = 0.6589
 P.C. Station 1146+27.94 N 1,897,914.6330 E 1,164,606.1108
 P.T. Station 1148+71.11 N 1,897,912.8068 E 1,164,849.2695
 C.C. N 1,886,697.2331 E 1,164,643.4513
 Back = N 89° 48' 33.39" E
 Ahead = S 88° 56' 55.24" E
 Chord Bear = S 89° 34' 10.93" E

Course from PT E I290 E-23 to 174 S 89° 36' 37.35" E Dist 136.4192

Point 174 N 1,897,911.8791 E 1,164,985.6855 Sta 1150+07.53

Course from 174 to 175 N 88° 15' 32.23" E Dist 200.2435

Point 175 N 1,897,917.9630 E 1,165,185.8365 Sta 1152+07.77

Course from 175 to 176 N 88° 15' 24.23" E Dist 687.0926

Point 176 N 1,897,938.8651 E 1,165,872.6112 Sta 1158+94.86

Course from 176 to 177 N 88° 15' 24.23" E Dist 1,294.5024

Point 177 N 1,897,978.2453 E 1,167,166.5144 Sta 1171+89.36

Course from 177 to PC E I290 E-24 N 88° 15' 24.69" E Dist 361.5022

Curve Data

Curve E I290 E-24
 P.I. Station 1179+91.91 N 1,897,997.5676 E 1,167,968.8134
 Delta = 2° 35' 12.24" (RT)
 Degree = 0° 17' 35.89"
 Tangent = 441.0426
 Length = 881.9355
 Radius = 19,534.7475
 External = 4.9782
 Long Chord = 881.8606
 Mid. Ord. = 4.9769
 P.C. Station 1175+50.87 N 1,897,989.2418 E 1,167,527.8494
 P.T. Station 1184+32.80 N 1,897,985.9835 E 1,168,409.7039
 C.C. N 1,878,457.9753 E 1,167,896.6192
 Back = N 88° 55' 05.98" E
 Ahead = S 88° 29' 41.78" E
 Chord Bear = S 89° 47' 17.90" E

Course from PT E I290 E-24 to PC E I290 E-25 S 87° 48' 00.26" E Dist 90.5134

Curve Data

Curve E I290 E-25
 P.I. Station 1187+16.92 N 1,897,977.1566 E 1,168,693.6803
 Delta = 1° 38' 11.03" (RT)
 Degree = 0° 25' 21.52"
 Tangent = 193.6037
 Length = 387.1810
 Radius = 13,556.5203
 External = 1.3824
 Long Chord = 387.1679
 Mid. Ord. = 1.3822
 P.C. Station 1185+23.32 N 1,897,982.5090 E 1,168,500.1506
 P.T. Station 1189+10.50 N 1,897,966.2798 E 1,168,886.9782
 C.C. N 1,884,431.1704 E 1,168,125.3637
 Back = S 88° 24' 56.83" E
 Ahead = S 86° 46' 45.80" E
 Chord Bear = S 87° 35' 51.31" E

Course from PT E I290 E-25 to PC E I290 E-26 S 86° 25' 55.49" E Dist 599.3277

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	(2525, ETC., 2727)RS-8	COOK	201	27
USER NAME = jmrjewski	CHECKED - CAR	REVISED -						CONTRACT NO. 60K11				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -						SCALE: N.T.S.	SHEET NO. 8	OF 19 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT

I-290 EB

Curve Data

Curve E I290 E-26
 P.I. Station 1196+04.10 N 1,897,922.1776 E 1,169,579.1746
 Delta = 1° 59' 12.59" (LT)
 Degree = 1° 03' 13.80"
 Tangent = 94.2763
 Length = 188.5337
 Radius = 5,436.8911
 External = 0.8173
 Long Chord = 188.5243
 Mid. Ord. = 0.8172
 P.C. Station 1195+09.82 N 1,897,928.9826 E 1,169,485.1442
 P.T. Station 1196+98.36 N 1,897,918.6366 E 1,169,673.3844
 C.C. = N 1,903,351.6915 E 1,169,877.5893
 Back = S 85° 51' 38.46" E
 Ahead = S 87° 50' 51.05" E
 Chord Bear = S 86° 51' 14.76" E

Course from PT E I290 E-26 to PC E I290 E-27 S 86° 46' 11.82" E Dist 205.9003

Curve Data

Curve E I290 E-27
 P.I. Station 1200+06.11 N 1,897,901.9065 E 1,169,980.6763
 Delta = 3° 37' 01.21" (LT)
 Degree = 1° 46' 34.60"
 Tangent = 101.8479
 Length = 203.6282
 Radius = 3,225.6074
 External = 1.6075
 Long Chord = 203.5944
 Mid. Ord. = 1.6067
 P.C. Station 1199+04.26 N 1,897,907.0351 E 1,169,878.9576
 P.T. Station 1201+07.89 N 1,897,903.2052 E 1,170,082.5160
 C.C. = N 1,901,128.5503 E 1,170,041.3857
 Back = S 87° 06' 48.97" E
 Ahead = N 89° 16' 09.81" E
 Chord Bear = S 88° 55' 19.58" E

Course from PT E I290 E-27 to 178 N 88° 34' 47.43" E Dist 432.6030

Point 178 N 1,897,913.9268 E 1,170,514.9861 Sta 1205+40.49

Course from 178 to 179 N 88° 34' 47.84" E Dist 576.9449

Point 179 N 1,897,928.2246 E 1,171,091.7538 Sta 1211+17.43

Course from 179 to 180 N 88° 34' 47.84" E Dist 87.0869

Point 180 N 1,897,930.3828 E 1,171,178.8139 Sta 1212+04.52

Course from 180 to PC E I290 E-28 N 87° 49' 24.34" E Dist 44.0869

Curve Data

Curve E I290 E-28
 P.I. Station 1213+89.94 N 1,897,937.4248 E 1,171,364.0992
 Delta = 0° 38' 08.11" (LT)
 Degree = 0° 13' 29.49"
 Tangent = 141.3322
 Length = 282.6615
 Radius = 25,480.9248
 External = 0.3920
 Long Chord = 282.6601
 Mid. Ord. = 0.3919
 P.C. Station 1212+48.61 N 1,897,932.0571 E 1,171,222.8690
 P.T. Station 1215+31.27 N 1,897,944.3588 E 1,171,505.2612
 C.C. = N 1,923,394.5982 E 1,170,255.1236
 Back = N 87° 49' 24.34" E
 Ahead = N 87° 11' 16.23" E
 Chord Bear = N 87° 30' 20.29" E

I-290 EB

Curve Data

Curve E I290 E-29
 P.I. Station 1217+67.61 N 1,897,962.1153 E 1,171,740.9354
 Delta = 3° 52' 23.51" (RT)
 Degree = 0° 49' 10.98"
 Tangent = 236.3422
 Length = 472.5043
 Radius = 6,989.7026
 External = 3.9946
 Long Chord = 472.4143
 Mid. Ord. = 3.9923
 P.C. Station 1215+31.27 N 1,897,944.3588 E 1,171,505.2612
 P.T. Station 1220+03.77 N 1,897,963.9118 E 1,171,977.2707
 C.C. = N 1,890,974.4111 E 1,172,030.4011
 Back = N 85° 41' 28.61" E
 Ahead = N 89° 33' 52.12" E
 Chord Bear = N 87° 37' 40.36" E

Course from PT E I290 E-29 to 181 N 88° 32' 19.34" E Dist 805.4044

Point 181 N 1,897,984.4510 E 1,172,782.4132 Sta 1228+09.18

Course from 181 to 182 N 88° 17' 27.10" E Dist 348.6947

Point 182 N 1,897,994.8510 E 1,173,130.9528 Sta 1231+57.87

Course from 182 to 183 N 87° 57' 44.39" E Dist 133.3034

Point 183 N 1,897,999.5908 E 1,173,264.1719 Sta 1232+91.18

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_290_ml_data\exalign_17.dgn	DRAWN - DMS	REVISED -						290	(2525, ETC., 2727)RS-B	COOK	201	28
USER NAME = jmajewski	CHECKED - CAR	REVISED -			SCALE: N.T.S. SHEET NO. 9 OF 19 SHEETS STA. TO STA.			CONTRACT NO. 60K11				
PLDT DATE = 1/25/2018	DATE = 1/25/10	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

I-290 WB

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

Course from 313 to 314 N 88° 44' 27.42" E Dist 1,226.1517

Point 314 N 1,897,940.9089 E 1,159,054.8346 Sta 1090+87.50

Course from 314 to 315 N 88° 39' 57.77" E Dist 222.3506

Point 315 N 1,897,946.0852 E 1,159,277.1249 Sta 1093+09.85

Course from 315 to 316 N 88° 39' 57.77" E Dist 1,138.6686

Point 316 N 1,897,972.5932 E 1,160,415.4849 Sta 1104+48.52

I-290 WB

Course from 316 to 317 N 89° 03' 40.52" E Dist 757.0139

Point 317 N 1,897,984.9957 E 1,161,172.3972 Sta 1112+05.53

Course from 317 to 318 N 89° 03' 40.52" E Dist 657.8257

Point 318 N 1,897,995.7731 E 1,161,830.1346 Sta 1118+63.36

Course from 318 to 319 N 89° 03' 40.52" E Dist 1,261.5333

Point 319 N 1,898,016.4414 E 1,163,091.4987 Sta 1131+24.89

Course from 319 to PC E I290 F-25 N 88° 24' 21.11" E Dist 1,440.1352

Curve Data

Curve E I290 F-25
 P.I. Station 1147+39.83 N 1,898,062.8665 E 1,164,705.7672
 Delta = 2° 51' 29.02" (LT)
 Degree = 0° 49' 03.59"
 Tangent = 174.8065
 Length = 349.5405
 Radius = 7,007.2647
 External = 2.1801
 Long Chord = 349.5042
 Mid. Ord. = 2.1794
 P.C. Station 1145+65.03 N 1,898,056.5050 E 1,164,531.0765
 P.T. Station 1149+14.57 N 1,898,077.9305 E 1,164,879.9234
 C.C. N 1,905,059.1282 E 1,164,276.0718
 Back = N 87° 54' 52.06" E
 Ahead = N 85° 03' 23.04" E
 Chord Bear = N 86° 29' 07.55" E

Curve Data

Curve E I290 F-26
 P.I. Station 1149+82.68 N 1,898,082.2081 E 1,164,947.9015
 Delta = 0° 53' 37.49" (RT)
 Degree = 0° 39' 21.94"
 Tangent = 68.1126
 Length = 136.2223
 Radius = 8,732.8581
 External = 0.2656
 Long Chord = 136.2210
 Mid. Ord. = 0.2656
 P.C. Station 1149+14.57 N 1,898,077.9305 E 1,164,879.9234
 P.T. Station 1150+50.79 N 1,898,085.4248 E 1,165,015.9380
 C.C. N 1,889,362.3110 E 1,165,428.3642
 Back = N 86° 23' 57.63" E
 Ahead = N 87° 17' 35.12" E
 Chord Bear = N 86° 50' 46.37" E

Curve Data

Curve E I290 F-27
 P.I. Station 1150+85.05 N 1,898,087.0430 E 1,165,050.1648
 Delta = 0° 44' 41.27" (RT)
 Degree = 1° 05' 12.61"
 Tangent = 34.2650
 Length = 68.5291
 Radius = 5,271.8008
 External = 0.1114
 Long Chord = 68.5286
 Mid. Ord. = 0.1114
 P.C. Station 1150+50.79 N 1,898,085.4248 E 1,165,015.9380
 P.T. Station 1151+19.32 N 1,898,088.2162 E 1,165,084.4098
 C.C. N 1,892,819.5064 E 1,165,264.9091
 Back = N 87° 17' 35.12" E
 Ahead = N 88° 02' 16.39" E
 Chord Bear = N 87° 39' 55.76" E

Course from PT E I290 F-27 to PC E I290 F-28 N 88° 19' 50.55" E Dist 97.0560

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_PBC_C3_290_ML_Data_exalign_19.dgn	DRAWN - DMS	REVISED -						290	(2525, ETC., 2727)RS-B	COOK	201	29
USER NAME = jmaejewski	CHECKED - CAR	REVISED -			CONTRACT NO. 60K11							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 10 OF 19 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

I-290 WB

Curve Data

Curve E I290 F-28
 P.I. Station 1152+48.36 N 1,898,091.7633 E 1,165,213.3983
 Delta = 0° 30' 32.23" (RT)
 Degree = 0° 47' 44.51"
 Tangent = 31.9818
 Length = 63.9633
 Radius = 7,200.7078
 External = 0.0710
 Long Chord = 63.9631
 Mid. Ord. = 0.0710
 P.C. Station 1152+16.37 N 1,898,091.0435 E 1,165,181.4246
 P.T. Station 1152+80.34 N 1,898,092.1990 E 1,165,245.3772
 C.C. N 1,890,892.1595 E 1,165,343.4822
 Back = N 88° 42' 37.46" E
 Ahead = N 89° 13' 09.69" E
 Chord Bear = N 88° 57' 53.57" E

Course from PT E I290 F-28 to PC E I290 F-29 N 88° 14' 09.96" E Dist 2,997.1363

Curve Data

Curve E I290 F-29
 P.I. Station 1183+46.09 N 1,898,186.5659 E 1,168,309.6775
 Delta = 4° 33' 39.87" (RT)
 Degree = 3° 19' 31.26"
 Tangent = 68.6166
 Length = 137.1608
 Radius = 1,723.0000
 External = 1.3658
 Long Chord = 137.1245
 Mid. Ord. = 1.3647
 P.C. Station 1182+77.47 N 1,898,184.4538 E 1,168,241.0934
 P.T. Station 1184+14.63 N 1,898,183.2174 E 1,168,378.2123
 C.C. N 1,896,462.2702 E 1,168,294.1290
 Back = N 88° 14' 09.96" E
 Ahead = S 87° 12' 10.17" E
 Chord Bear = S 89° 29' 00.10" E

Curve Data

Curve E I290 F-30
 P.I. Station 1185+72.34 N 1,898,175.5212 E 1,168,535.7304
 Delta = 7° 47' 34.33" (RT)
 Degree = 2° 28' 28.24"
 Tangent = 157.7060
 Length = 314.9257
 Radius = 2,315.4388
 External = 5.3645
 Long Chord = 314.6830
 Mid. Ord. = 5.3521
 P.C. Station 1184+14.63 N 1,898,183.2174 E 1,168,378.2123
 P.T. Station 1187+29.56 N 1,898,146.5379 E 1,168,690.7503
 C.C. N 1,895,870.5373 E 1,168,265.2176
 Back = S 87° 12' 10.17" E
 Ahead = S 79° 24' 35.84" E
 Chord Bear = S 83° 18' 23.00" E

Course from PT E I290 F-30 to PC E I290 F-31 S 79° 06' 05.48" E Dist 300.3555

Curve Data

Curve E I290 F-31
 P.I. Station 1191+83.63 N 1,898,060.6880 E 1,169,136.6265
 Delta = 7° 00' 36.68" (LT)
 Degree = 2° 16' 59.42"
 Tangent = 153.7103
 Length = 307.0371
 Radius = 2,509.4800
 External = 4.7031
 Long Chord = 306.8456
 Mid. Ord. = 4.6943
 P.C. Station 1190+29.91 N 1,898,089.7499 E 1,168,985.6885
 P.T. Station 1193+36.95 N 1,898,050.2647 E 1,169,289.9830
 C.C. N 1,900,553.9683 E 1,169,460.1543
 Back = S 79° 06' 05.48" E
 Ahead = S 86° 06' 42.16" E
 Chord Bear = S 82° 36' 23.82" E

I-290 WB

Course from PT E I290 F-31 to 320 S 86° 06' 42.16" E Dist 263.5478

Point 320 N 1,898,032.3932 E 1,169,552.9242 Sta 1196+00.50

Course from 320 to PC E I290 F-32 S 87° 07' 26.03" E Dist 206.0709

Curve Data

Curve E I290 F-32
 P.I. Station 1200+44.28 N 1,898,010.1257 E 1,169,996.1494
 Delta = 4° 55' 46.24" (LT)
 Degree = 1° 02' 15.00"
 Tangent = 237.7133
 Length = 475.1332
 Radius = 5,522.4800
 External = 5.1138
 Long Chord = 474.9867
 Mid. Ord. = 5.1090
 P.C. Station 1198+06.57 N 1,898,022.0533 E 1,169,758.7355
 P.T. Station 1202+81.70 N 1,898,018.6432 E 1,170,233.7100
 C.C. N 1,903,537.5770 E 1,170,035.8335
 Back = S 87° 07' 26.03" E
 Ahead = N 87° 56' 47.73" E
 Chord Bear = S 89° 35' 19.15" E

Course from PT E I290 F-32 to PC E I290 F-33 N 87° 56' 47.73" E Dist 944.7992

Curve Data

Curve E I290 F-33
 P.I. Station 1214+22.53 N 1,898,059.5203 E 1,171,373.8060
 Delta = 7° 27' 30.96" (RT)
 Degree = 1° 54' 18.39"
 Tangent = 196.0294
 Length = 391.5050
 Radius = 3,007.4800
 External = 6.3819
 Long Chord = 391.2287
 Mid. Ord. = 6.3684
 P.C. Station 1212+26.50 N 1,898,052.4964 E 1,171,177.9025
 P.T. Station 1216+18.01 N 1,898,041.0547 E 1,171,568.9638
 C.C. N 1,895,046.9476 E 1,171,285.6638
 Back = N 87° 56' 47.73" E
 Ahead = S 84° 35' 41.32" E
 Chord Bear = S 88° 19' 26.80" E

Course from PT E I290 F-33 to PC E I290 F-34 S 84° 35' 41.32" E Dist 338.5168

Curve Data

Curve E I290 F-34
 P.I. Station 1220+85.25 N 1,897,997.0410 E 1,172,034.1303
 Delta = 6° 44' 20.14" (LT)
 Degree = 2° 37' 13.95"
 Tangent = 128.7273
 Length = 257.1578
 Radius = 2,186.4100
 External = 3.7862
 Long Chord = 257.0096
 Mid. Ord. = 3.7797
 P.C. Station 1219+56.53 N 1,898,009.1669 E 1,171,905.9754
 P.T. Station 1222+13.68 N 1,898,000.0372 E 1,172,162.8228
 C.C. N 1,900,185.8549 E 1,172,111.9319
 Back = S 84° 35' 41.32" E
 Ahead = N 88° 39' 58.54" E
 Chord Bear = S 87° 57' 51.39" E

Course from PT E I290 F-34 to PC E I290 F-35 N 88° 39' 58.54" E Dist 847.2847

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-C3.290_ML_Data_exalign_20.dgn	DRAWN - DMS	REVISED -						290	(2525, ETC., 2727)RS-8	COOK	201	30
USER NAME = jmajewski	CHECKED - CAR	REVISED -						CONTRACT NO. 60K11				
PLDT DATE = 1/25/2010	DATE - 1/25/10	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
			SCALE: N.T.S. SHEET NO. 11 OF 19 SHEETS STA. TO STA.									

I-290 WB

Curve Data

Curve E 1290 F-35
 P.I. Station 1231+17.25 N 1,898,021.0687 E 1,173,066.1470
 Delta = 1° 51' 25.62" (RT)
 Degree = 1° 38' 59.66"
 Tangent = 56.2844
 Length = 112.5589
 Radius = 3,472.6700
 External = 0.4561
 Long Chord = 112.5540
 Mid. Ord. = 0.4560
 P.C. Station 1230+60.97 N 1,898,019.7586 E 1,173,009.8779
 P.T. Station 1231+73.53 N 1,898,020.5546 E 1,173,122.4291
 C.C. N 1,894,548.0295 E 1,173,090.7079
 Back = N 88° 39' 58.54" E
 Ahead = S 89° 28' 35.84" E
 Chord Bear = N 89° 35' 41.35" E

Curve Data

Curve E 1290 F-36
 P.I. Station 1231+88.25 N 1,898,020.4201 E 1,173,137.1529
 Delta = 2° 11' 02.67" (LT)
 Degree = 7° 25' 02.57"
 Tangent = 14.7245
 Length = 29.4454
 Radius = 772.4530
 External = 0.1403
 Long Chord = 29.4436
 Mid. Ord. = 0.1403
 P.C. Station 1231+73.53 N 1,898,020.5546 E 1,173,122.4291
 P.T. Station 1232+02.97 N 1,898,020.8468 E 1,173,151.8712
 C.C. N 1,898,792.9754 E 1,173,129.4851
 Back = S 89° 28' 35.84" E
 Ahead = N 88° 20' 21.49" E
 Chord Bear = N 89° 25' 52.82" E

Course from PT E 1290 F-36 to 321 N 88° 20' 21.49" E Dist 110.5859

Point 321 N 1,898,024.0517 E 1,173,262.4107 Sta 1233+13.56

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_290_ml_data\exalign_21.dgn	DRAWN - DMS	REVISED -				290	(2525, ETC., 2727)RS-8	COOK	201	31
USER NAME = jmajewski	CHECKED - CAR	REVISED -				CONTRACT NO. 60K11				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -				SCALE: N.T.S.	SHEET NO. 12 OF 19 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

RAMP E_CALIF_A

Point 1700 N 1,897,952.9473 E 1,157,964.1879 Sta 0+00.00
 Course from 1700 to 1701 N 86° 36' 17.58" E Dist 330.9476
 Point 1701 N 1,897,972.5465 E 1,158,294.5547 Sta 3+30.95
 Course from 1701 to 1702 N 86° 36' 17.58" E Dist 446.7145
 Point 1702 N 1,897,999.0015 E 1,158,740.4851 Sta 7+77.66

RAMP E_CALIF_C

Point 1810 N 1,897,997.9297 E 1,159,957.1311 Sta 0+00.00
 Course from 1810 to 1811 N 87° 31' 08.72" W Dist 331.7492
 Point 1811 N 1,898,012.2899 E 1,159,625.6928 Sta 3+31.75
 Course from 1811 to 1812 N 87° 31' 54.25" W Dist 114.7871
 Point 1812 N 1,898,017.2334 E 1,159,511.0122 Sta 4+46.54

RAMP E_CALIF_B

Point 1800 N 1,897,744.7450 E 1,158,290.4863 Sta 0+00.00
 Course from 1800 to 1801 S 87° 03' 57.79" E Dist 123.6442
 Point 1801 N 1,897,738.4163 E 1,158,413.9685 Sta 1+23.64
 Course from 1801 to 1802 S 87° 15' 37.37" E Dist 211.7380
 Point 1802 N 1,897,728.2959 E 1,158,625.4645 Sta 3+35.38
 Course from 1802 to 1803 S 86° 24' 26.05" E Dist 78.6889
 Point 1803 N 1,897,723.3649 E 1,158,703.9988 Sta 4+14.07

RAMP E_CALIF_D

Point 1820 N 1,897,784.9264 E 1,160,213.0306 Sta 0+00.00
 Course from 1820 to 1821 S 86° 30' 20.98" W Dist 368.6233
 Point 1821 N 1,897,762.4599 E 1,159,845.0927 Sta 3+68.62
 Course from 1821 to 1822 S 86° 24' 48.04" W Dist 261.7948
 Point 1822 N 1,897,746.0826 E 1,159,583.8107 Sta 6+30.42
 Course from 1822 to 1823 S 86° 24' 48.04" W Dist 69.4034
 Point 1823 N 1,897,741.7408 E 1,159,514.5432 Sta 6+99.82
 Course from 1823 to 1824 S 87° 12' 55.29" W Dist 52.3618
 Point 1824 N 1,897,739.1970 E 1,159,462.2432 Sta 7+52.18

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\C3.290_R_Data\exalign-27.dgn	DRAWN - DMS	REVISED -						290	(2525, ETC., 2727)RS-8	COOK	201	32
USER NAME = jma,jmaki	CHECKED - CAR	REVISED -			CONTRACT NO. 60K11							
PLOT DATE = 1/25/2018	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 13 OF 19 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

RAMP E_CALIF_E

Curve Data

Curve E CALIF E-1
 P.I. Station 0+61.39 N 1,898,013.3219 E 1,158,142.9780
 Delta = 8° 40' 07.49" (LT)
 Degree = 7° 04' 24.79"
 Tangent = 61.3929
 Length = 122.5515
 Radius = 810.0000
 External = 2.3233
 Long Chord = 122.4347
 Mid. Ord. = 2.3166
 P.C. Station 0+00.00 N 1,898,022.3646 E 1,158,082.2547
 P.T. Station 1+22.55 N 1,898,013.5349 E 1,158,204.3705
 C.C. N 1,898,823.5300 E 1,158,201.5614
 Back = S 81° 31' 47.85" E
 Ahead = N 89° 48' 04.66" E
 Chord Bear = S 85° 51' 51.60" E

Course from PT E CALIF E-1 to 1831 N 89° 48' 04.66" E Dist 450.0130

Point 1831 N 1,898,015.0955 E 1,158,654.3808 Sta 5+72.56

Course from 1831 to 1832 S 89° 45' 26.13" E Dist 132.4477

Point 1832 N 1,898,014.5344 E 1,158,786.8273 Sta 7+05.01

Course from 1832 to 1833 N 88° 37' 05.16" E Dist 266.1199

Point 1833 N 1,898,020.9522 E 1,159,052.8698 Sta 9+71.13

Course from 1833 to 1834 N 88° 51' 34.81" E Dist 67.2595

Point 1834 N 1,898,022.2908 E 1,159,120.1160 Sta 10+38.39

Course from 1834 to 1835 N 88° 51' 34.81" E Dist 154.7606

Point 1835 N 1,898,025.3707 E 1,159,274.8460 Sta 11+93.15

Course from 1835 to 1836 N 88° 16' 31.97" E Dist 10.8339

Point 1836 N 1,898,025.6967 E 1,159,285.6749 Sta 12+03.99

Course from 1836 to PC E CALIF E-2 N 87° 47' 15.06" E Dist 516.5721

Curve Data

Curve E CALIF E-2
 P.I. Station 17+92.44 N 1,898,048.4143 E 1,159,873.6904
 Delta = 2° 00' 05.46" (LT)
 Degree = 1° 23' 32.51"
 Tangent = 71.8820
 Length = 143.7495
 Radius = 4,115.0000
 External = 0.6278
 Long Chord = 143.7421
 Mid. Ord. = 0.6277
 P.C. Station 17+20.56 N 1,898,045.6393 E 1,159,801.8619
 P.T. Station 18+64.31 N 1,898,053.6963 E 1,159,945.3781
 C.C. N 1,902,157.5716 E 1,159,643.0002
 Back = N 87° 47' 15.06" E
 Ahead = N 85° 47' 09.60" E
 Chord Bear = N 86° 47' 12.33" E

RAMP E_CALIF_E

Curve Data

Curve E CALIF E-3
 P.I. Station 19+11.45 N 1,898,057.1608 E 1,159,992.3978
 Delta = 12° 13' 55.63" (LT)
 Degree = 13° 01' 18.37"
 Tangent = 47.1472
 Length = 93.9359
 Radius = 440.0000
 External = 2.5188
 Long Chord = 93.7577
 Mid. Ord. = 2.5044
 P.C. Station 18+64.31 N 1,898,053.6963 E 1,159,945.3781
 P.T. Station 19+58.24 N 1,898,070.5088 E 1,160,037.6160
 C.C. N 1,898,492.5068 E 1,159,913.0461
 Back = N 85° 47' 09.60" E
 Ahead = N 73° 33' 13.97" E
 Chord Bear = N 79° 40' 11.78" E

RAMP E_CALIF_F

Curve Data

Curve E CALIF F-1
 P.I. Station 0+72.28 N 1,897,726.7705 E 1,159,973.5411
 Delta = 10° 00' 08.95" (LT)
 Degree = 6° 56' 11.53"
 Tangent = 72.2837
 Length = 144.2000
 Radius = 826.0000
 External = 3.1568
 Long Chord = 144.0170
 Mid. Ord. = 3.1447
 P.C. Station 0+00.00 N 1,897,714.5173 E 1,160,044.7787
 P.T. Station 1+44.20 N 1,897,726.4642 E 1,159,901.2581
 C.C. N 1,896,900.4716 E 1,159,904.7583
 Back = N 80° 14' 25.13" W
 Ahead = S 89° 45' 25.93" W
 Chord Bear = N 85° 14' 29.60" W

Course from PT E CALIF F-1 to 1851 S 89° 45' 25.93" W Dist 317.5127

Point 1851 N 1,897,725.1187 E 1,159,583.7482 Sta 4+61.71

Course from 1851 to 1852 S 89° 54' 17.23" W Dist 292.5840

Point 1852 N 1,897,724.6325 E 1,159,291.1646 Sta 7+54.30

Course from 1852 to 1853 S 89° 54' 17.23" W Dist 13.2330

Point 1853 N 1,897,724.6105 E 1,159,277.9317 Sta 7+67.53

Course from 1853 to 1854 S 88° 24' 31.55" W Dist 150.3626

Point 1854 N 1,897,720.4351 E 1,159,127.6271 Sta 9+17.89

Course from 1854 to 1855 S 88° 24' 31.55" W Dist 67.2589

Point 1855 N 1,897,718.5674 E 1,159,060.3941 Sta 9+85.15

Course from 1855 to 1856 S 88° 37' 21.17" W Dist 284.1742

Point 1856 N 1,897,711.7362 E 1,158,776.3019 Sta 12+69.33

Course from 1856 to PC E CALIF F-2 S 87° 25' 06.33" W Dist 502.1369

Curve Data

Curve E CALIF F-2
 P.I. Station 18+40.21 N 1,897,686.0225 E 1,158,205.9947
 Delta = 8° 46' 31.33" (LT)
 Degree = 6° 23' 40.63"
 Tangent = 68.7497
 Length = 137.2306
 Radius = 896.0000
 External = 2.6337
 Long Chord = 137.0965
 Mid. Ord. = 2.6260
 P.C. Station 17+71.46 N 1,897,689.1191 E 1,158,274.6746
 P.T. Station 19+08.69 N 1,897,672.4843 E 1,158,138.5911
 C.C. N 1,896,794.0285 E 1,158,315.0320
 Back = S 87° 25' 06.33" W
 Ahead = S 78° 38' 35.00" W
 Chord Bear = S 83° 01' 50.67" 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.
...exp\in_abc_c3_298_r_data_exalign_28.dgn	DRAWN - DMS	REVISED -						290	(2525, ETC., 2727)RS-8	COOK	201	33
USER NAME = jmajewski	CHECKED - CAR	REVISED -						CONTRACT NO. 60K11				
PLOT DATE = 1/25/2010	DATE = 1/25/10	REVISED -						FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
					SCALE: N.T.S.	SHEET NO. 14 OF 19 SHEETS	STA.	TO STA.				

RAMP E DAMEN_A

Point 1860 N 1,898,099.5621 E 1,161,402.1433 Sta 0+00.00
 Course from 1860 to 1861 S 82° 50' 38.93" E Dist 192.1289
 Point 1861 N 1,898,075.6289 E 1,161,592.7757 Sta 1+92.13
 Course from 1861 to 1862 S 82° 11' 39.31" E Dist 181.5361
 Point 1862 N 1,898,050.9736 E 1,161,772.6297 Sta 3+73.66
 Course from 1862 to 1863 S 88° 46' 43.44" E Dist 56.6500
 Point 1863 N 1,898,049.7662 E 1,161,829.2668 Sta 4+30.31
 Course from 1863 to 1864 N 89° 03' 40.52" E Dist 541.2285
 Point 1864 N 1,898,058.6334 E 1,162,370.4226 Sta 9+71.54
 Course from 1864 to PC E DAMEN A-1 N 87° 27' 00.71" E Dist 104.5201

Curve Data

Curve E DAMEN A-1
 P.I. Station 11+48.81 N 1,898,066.5193 E 1,162,547.5090
 Delta = 9° 55' 19.69" (LT)
 Degree = 6° 50' 13.94"
 Tangent = 72.7418
 Length = 145.1198
 Radius = 838.0000
 External = 3.1512
 Long Chord = 144.9385
 Mid. Ord. = 3.1394
 P.C. Station 10+76.06 N 1,898,063.2832 E 1,162,474.8392
 P.T. Station 12+21.18 N 1,898,082.2287 E 1,162,618.5342
 C.C. N 1,898,900.4535 E 1,162,437.5585
 Back = N 87° 27' 00.71" E
 Ahead = N 77° 31' 41.02" E
 Chord Bear = N 82° 29' 20.87" E

Course from PT E DAMEN A-1 to 1865 N 77° 31' 41.02" E Dist 252.6108

Point 1865 N 1,898,136.7829 E 1,162,865.1838 Sta 14+73.79

RAMP E DAMEN_B

Point 1870 N 1,897,736.8831 E 1,162,869.8137 Sta 0+00.00
 Course from 1870 to 1871 N 83° 31' 38.47" W Dist 123.2384
 Point 1871 N 1,897,750.7756 E 1,162,747.3608 Sta 1+23.24
 Course from 1871 to PC E DAMEN B-1 N 83° 34' 31.59" W Dist 452.9715

Curve Data

Curve E DAMEN B-1
 P.I. Station 6+61.28 N 1,897,810.9792 E 1,162,212.7028
 Delta = 7° 22' 08.11" (LT)
 Degree = 4° 20' 14.29"
 Tangent = 85.0654
 Length = 169.8963
 Radius = 1,321.0000
 External = 2.7360
 Long Chord = 169.7792
 Mid. Ord. = 2.7304
 P.C. Station 5+76.21 N 1,897,801.4608 E 1,162,297.2340
 P.T. Station 7+46.11 N 1,897,809.5772 E 1,162,127.6489
 C.C. N 1,896,488.7566 E 1,162,149.4209
 Back = N 83° 34' 31.59" W
 Ahead = S 89° 03' 20.30" W
 Chord Bear = N 87° 15' 35.65" W

Course from PT E DAMEN B-1 to PC E DAMEN B-2 S 89° 03' 20.30" W Dist 307.6960

Curve Data

Curve E DAMEN B-2
 P.I. Station 11+60.52 N 1,897,802.7471 E 1,161,713.2937
 Delta = 13° 50' 39.47" (LT)
 Degree = 6° 31' 05.85"
 Tangent = 106.7155
 Length = 212.3915
 Radius = 879.0000
 External = 6.4542
 Long Chord = 211.8752
 Mid. Ord. = 6.4072
 P.C. Station 10+53.80 N 1,897,804.5059 E 1,161,819.9947
 P.T. Station 12+66.19 N 1,897,775.5075 E 1,161,610.1133
 C.C. N 1,896,925.6253 E 1,161,834.4819
 Back = S 89° 03' 20.30" W
 Ahead = S 75° 12' 40.83" W
 Chord Bear = S 82° 08' 00.56" W

Course from PT E DAMEN B-2 to 1872 S 75° 12' 40.83" W Dist 255.1687

Point 1872 N 1,897,710.3746 E 1,161,363.3974 Sta 15+21.36

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_290_r_data_exelign_29.dgn	DRAWN - DMS	REVISED -						290	(2525, ETC., 2727)RS-8	COOK	201	34
USER NAME = jmajewski	CHECKED - CAR	REVISED -			CONTRACT NO. 60K11							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 15 OF 19 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

RAMP E_PLINA_A

Point 1880 N 1,898,145.7306 E 1,163,446.2754 Sta 0+00.00
 Course from 1880 to 1881 S 83° 17' 49.79" E Dist 288.4727
 Point 1881 N 1,898,112.0601 E 1,163,732.7764 Sta 2+88.47
 Course from 1881 to PC E PLINA A-1 S 85° 47' 44.76" E Dist 215.6583

Curve Data

Curve E PLINA A-1
 P.I. Station 5+23.48 N 1,898,094.8315 E 1,163,967.1481
 Delta = 5° 47' 54.07" (LT)
 Degree = 14° 59' 56.02"
 Tangent = 19.3458
 Length = 38.6585
 Radius = 382.0000
 External = 0.4896
 Long Chord = 38.6420
 Mid. Ord. = 0.4889
 P.C. Station 5+04.13 N 1,898,096.2497 E 1,163,947.8544
 P.T. Station 5+42.79 N 1,898,095.3697 E 1,163,986.4864
 C.C. N 1,898,477.2218 E 1,163,975.8595
 Back = S 85° 47' 44.76" E
 Ahead = N 88° 24' 21.17" E
 Chord Bear = S 88° 41' 41.79" E

Course from PT E PLINA A-1 to PC E PLINA A-2 N 88° 24' 21.17" E Dist 383.1736

Curve Data

Curve E PLINA A-2
 P.I. Station 9+67.47 N 1,898,107.1838 E 1,164,410.9992
 Delta = 7° 35' 10.63" (LT)
 Degree = 9° 09' 09.65"
 Tangent = 41.5036
 Length = 82.8859
 Radius = 626.0000
 External = 1.3743
 Long Chord = 82.8254
 Mid. Ord. = 1.3713
 P.C. Station 9+25.96 N 1,898,106.0292 E 1,164,369.5117
 P.T. Station 10+08.85 N 1,898,113.8054 E 1,164,451.9712
 C.C. N 1,898,731.7869 E 1,164,352.0969
 Back = N 88° 24' 21.17" E
 Ahead = N 80° 49' 10.54" E
 Chord Bear = N 84° 36' 45.86" E

Course from PT E PLINA A-2 to 1882 N 80° 49' 10.54" E Dist 79.9728

Point 1882 N 1,898,126.5645 E 1,164,530.9196 Sta 10+88.82

Course from 1882 to 1883 N 79° 08' 55.61" E Dist 304.7514

Point 1883 N 1,898,183.9368 E 1,164,830.2218 Sta 13+93.57

RAMP E_PLINA_B

Curve Data

Curve E PLINA B-1
 P.I. Station 0+67.90 N 1,897,813.8461 E 1,164,736.1067
 Delta = 3° 32' 30.55" (LT)
 Degree = 2° 36' 32.75"
 Tangent = 67.8961
 Length = 135.7489
 Radius = 2,196.0000
 External = 1.0494
 Long Chord = 135.7273
 Mid. Ord. = 1.0489
 P.C. Station 0+00.00 N 1,897,804.3350 E 1,164,803.3332
 P.T. Station 1+35.75 N 1,897,819.1859 E 1,164,668.4209
 C.C. N 1,895,629.9880 E 1,164,495.7110
 Back = N 81° 56' 50.47" W
 Ahead = N 85° 29' 21.02" W
 Chord Bear = N 83° 43' 05.75" W

Course from PT E PLINA B-1 to PC E PLINA B-2 N 85° 29' 21.02" W Dist 416.7624

Curve Data

Curve E PLINA B-2
 P.I. Station 6+00.22 N 1,897,855.7157 E 1,164,205.3842
 Delta = 6° 04' 09.60" (LT)
 Degree = 6° 21' 58.31"
 Tangent = 47.7131
 Length = 95.3369
 Radius = 900.0000
 External = 1.2639
 Long Chord = 95.2923
 Mid. Ord. = 1.2621
 P.C. Station 5+52.51 N 1,897,851.9632 E 1,164,252.9494
 P.T. Station 6+47.85 N 1,897,854.4181 E 1,164,157.6887
 C.C. N 1,896,954.7510 E 1,164,182.1667
 Back = N 85° 29' 21.02" W
 Ahead = S 88° 26' 29.38" W
 Chord Bear = N 88° 31' 25.82" W

Course from PT E PLINA B-2 to 1891 S 88° 26' 29.38" W Dist 274.9672

Point 1891 N 1,897,846.9396 E 1,163,882.8233 Sta 9+22.82

Course from 1891 to 1892 S 83° 40' 48.48" W Dist 235.8277

Point 1892 N 1,897,820.9799 E 1,163,648.4288 Sta 11+58.64

Course from 1892 to PC E PLINA B-3 S 81° 21' 12.02" W Dist 120.4828

Curve Data

Curve E PLINA B-3
 P.I. Station 13+74.83 N 1,897,788.4787 E 1,163,434.7018
 Delta = 7° 05' 04.08" (LT)
 Degree = 3° 42' 21.84"
 Tangent = 95.7013
 Length = 191.1587
 Radius = 1,546.0000
 External = 2.9592
 Long Chord = 191.0369
 Mid. Ord. = 2.9536
 P.C. Station 12+79.13 N 1,897,802.8665 E 1,163,529.3153
 P.T. Station 14+70.28 N 1,897,762.5318 E 1,163,342.5850
 C.C. N 1,896,274.4379 E 1,163,761.7418
 Back = S 81° 21' 12.02" W
 Ahead = S 74° 16' 07.94" W
 Chord Bear = S 77° 48' 39.98" 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.
...\\expln_abc_c3_29@_r_data_exo\sign_30.dgn	DRAWN - DMS	REVISED -			290	(2525, ETC., 2727)RS-B	COOK	201	35			
USER NAME = jmajewski	CHECKED - CAR	REVISED -			CONTRACT NO. 60K11							
PLDT DATE = 1/25/2018	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 16 OF 19 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

RAMP E_RACINE_A

Curve Data

Curve E RACINE A-1
 P.I. Station = 0+62.43 N 1,898,220.2395 E 1,166,277.1759
 Delta = 3° 15' 24.42" (LT)
 Degree = 2° 36' 32.75"
 Tangent = 62.4289
 Length = 124.8241
 Radius = 2,196.0000
 External = 0.8872
 Long Chord = 124.8073
 Mid. Ord. = 0.8868
 P.C. Station = 0+00.00 N 1,898,226.8425 E 1,166,215.0972
 P.T. Station = 1+24.82 N 1,898,217.1739 E 1,166,339.5295
 C.C. = N 1,900,410.5247 E 1,166,447.3637
 Back = S 83° 55' 42.91" E
 Ahead = S 87° 11' 07.33" E
 Chord Bear = S 85° 33' 25.12" E

Course from PT E RACINE A-1 to 1901 S 87° 11' 07.33" E Dist 491.5305

Point 1901 N 1,898,193.0374 E 1,166,830.4670 Sta 6+16.35

Course from 1901 to PC E RACINE A-2 N 88° 14' 09.96" E Dist 588.5830

Curve Data

Curve E RACINE A-2
 P.I. Station = 12+40.14 N 1,898,212.2381 E 1,167,453.9542
 Delta = 3° 12' 10.73" (LT)
 Degree = 4° 33' 03.23"
 Tangent = 35.1998
 Length = 70.3813
 Radius = 1,259.0000
 External = 0.4920
 Long Chord = 70.3722
 Mid. Ord. = 0.4918
 P.C. Station = 12+04.94 N 1,898,211.1546 E 1,167,418.7711
 P.T. Station = 12+75.32 N 1,898,215.2857 E 1,167,489.0219
 C.C. = N 1,899,469.5580 E 1,167,380.0178
 Back = N 88° 14' 09.96" E
 Ahead = N 85° 01' 59.23" E
 Chord Bear = N 86° 38' 04.60" E

Course from PT E RACINE A-2 to 1902 N 85° 01' 59.23" E Dist 448.5273

Point 1902 N 1,898,254.1191 E 1,167,935.8649 Sta 17+23.85

Course from 1902 to PC E RACINE A-3 N 84° 04' 51.55" E Dist 246.8952

Curve Data

Curve E RACINE A-3
 P.I. Station = 19+76.85 N 1,898,280.2094 E 1,168,187.5185
 Delta = 4° 29' 02.00" (LT)
 Degree = 36° 43' 41.03"
 Tangent = 6.1073
 Length = 12.2083
 Radius = 156.0000
 External = 0.1195
 Long Chord = 12.2052
 Mid. Ord. = 0.1194
 P.C. Station = 19+70.74 N 1,898,279.5796 E 1,168,181.4437
 P.T. Station = 19+82.95 N 1,898,281.3122 E 1,168,193.5254
 C.C. = N 1,898,434.7479 E 1,168,165.3566
 Back = N 84° 04' 51.55" E
 Ahead = N 79° 35' 49.55" E
 Chord Bear = N 81° 50' 20.55" E

RAMP E_RACINE_B

Point 1910 N 1,897,897.0882 E 1,167,798.2247 Sta 0+00.00

Course from 1910 to 1911 N 87° 01' 35.58" W Dist 385.9653

Point 1911 N 1,897,917.1095 E 1,167,412.7791 Sta 3+85.97

Course from 1911 to 1912 N 88° 23' 24.14" W Dist 244.5948

Point 1912 N 1,897,923.9815 E 1,167,168.2808 Sta 6+30.56

Course from 1912 to 1913 N 88° 02' 14.73" W Dist 97.3547

Point 1913 N 1,897,927.3155 E 1,167,070.9832 Sta 7+27.91

Course from 1913 to 1914 S 88° 15' 24.23" W Dist 287.9180

Point 1914 N 1,897,918.5567 E 1,166,783.1985 Sta 10+15.83

Course from 1914 to 1915 S 84° 22' 03.26" W Dist 336.2855

Point 1915 N 1,897,885.5516 E 1,166,448.5366 Sta 13+52.12

Course from 1915 to PC E RACINE B-1 S 84° 06' 13.00" W Dist 274.1533

Curve Data

Curve E RACINE B-1
 P.I. Station = 16+71.73 N 1,897,852.7174 E 1,166,130.6110
 Delta = 10° 12' 29.18" (LT)
 Degree = 11° 15' 23.54"
 Tangent = 45.4633
 Length = 90.6860
 Radius = 509.0000
 External = 2.0263
 Long Chord = 90.5661
 Mid. Ord. = 2.0183
 P.C. Station = 16+26.27 N 1,897,857.3879 E 1,166,175.8338
 P.T. Station = 17+16.96 N 1,897,840.1064 E 1,166,086.9317
 C.C. = N 1,897,351.0809 E 1,166,228.1233
 Back = S 84° 06' 13.00" W
 Ahead = S 73° 53' 43.82" W
 Chord Bear = S 78° 59' 58.41" W

RAMP E_KNNDY_A

Point 1920 N 1,898,099.1611 E 1,169,866.9082 Sta 0+00.00
 Course from 1920 to 1921 S 89° 00' 31.76" E Dist 70.0004
 Point 1921 N 1,898,097.9502 E 1,169,936.8981 Sta 0+70.00
 Course from 1921 to 1922 S 89° 58' 56.02" E Dist 152.2231
 Point 1922 N 1,898,097.9030 E 1,170,089.1212 Sta 2+22.22
 Course from 1922 to 1923 S 88° 58' 37.09" E Dist 94.4044
 Point 1923 N 1,898,096.2175 E 1,170,183.5106 Sta 3+16.63
 Course from 1923 to PC E KNNDY A-1 S 84° 06' 39.53" E Dist 188.8032

Curve Data

Curve E KNNDY A-1
 P.I. Station 5+49.38 N 1,898,072.3362 E 1,170,415.0391
 Delta = 5° 02' 55.01" (LT)
 Degree = 5° 44' 48.55"
 Tangent = 43.9537
 Length = 87.8506
 Radius = 997.0000
 External = 0.9684
 Long Chord = 87.8222
 Mid. Ord. = 0.9675
 P.C. Station 5+05.43 N 1,898,076.8459 E 1,170,371.3174
 P.T. Station 5+93.28 N 1,898,071.6915 E 1,170,458.9882
 C.C. N 1,899,068.5843 E 1,170,473.6114
 Back = S 84° 06' 39.53" E
 Ahead = S 89° 09' 34.55" E
 Chord Bear = S 86° 38' 07.04" E

Course from PT E KNNDY A-1 to 1924 N 88° 18' 25.18" E Dist 51.5258

Point 1924 N 1,898,073.2138 E 1,170,510.4915 Sta 6+44.81

Course from 1924 to 1925 N 85° 19' 21.77" E Dist 168.4662

Point 1925 N 1,898,086.9511 E 1,170,678.3966 Sta 8+13.27

Course from 1925 to PC E KNNDY A-2 N 86° 59' 34.92" E Dist 89.7205

Curve Data

Curve E KNNDY A-2
 P.I. Station 10+16.89 N 1,898,097.6321 E 1,170,881.7293
 Delta = 13° 33' 34.72" (LT)
 Degree = 5° 58' 50.77"
 Tangent = 113.8924
 Length = 226.7207
 Radius = 958.0000
 External = 6.7463
 Long Chord = 226.1920
 Mid. Ord. = 6.6992
 P.C. Station 9+02.99 N 1,898,091.6576 E 1,170,767.9936
 P.T. Station 11+29.71 N 1,898,130.1062 E 1,170,990.8939
 C.C. N 1,899,048.3386 E 1,170,717.7395
 Back = N 86° 59' 34.92" E
 Ahead = N 73° 26' 00.20" E
 Chord Bear = N 80° 12' 47.56" E

RAMP E_KNNDY_A

Curve Data

 Curve E KNNDY A-3
 P.I. Station 11+73.95 N 1,898,142.7183 E 1,171,033.2905
 Delta = 18° 36' 27.64" (LT)
 Degree = 21° 13' 14.37"
 Tangent = 44.2328
 Length = 87.6866
 Radius = 270.0000
 External = 3.5992
 Long Chord = 87.3018
 Mid. Ord. = 3.5519
 P.C. Station 11+29.71 N 1,898,130.1062 E 1,170,990.8939
 P.T. Station 12+17.40 N 1,898,168.1993 E 1,171,069.4465
 C.C. N 1,898,388.8982 E 1,170,913.9088
 Back = N 73° 26' 00.20" E
 Ahead = N 54° 49' 32.56" E
 Chord Bear = N 64° 07' 46.38" E

Course from PT E KNNDY A-3 to PC E KNNDY A-4 N 54° 49' 32.56" E Dist 55.0652

Curve Data

Curve E KNNDY A-4
 P.I. Station 13+32.70 N 1,898,234.6214 E 1,171,163.6957
 Delta = 11° 15' 39.84" (LT)
 Degree = 9° 22' 38.56"
 Tangent = 60.2378
 Length = 120.0876
 Radius = 611.0000
 External = 2.9622
 Long Chord = 119.8944
 Mid. Ord. = 2.9479
 P.C. Station 12+72.47 N 1,898,199.9205 E 1,171,114.4570
 P.T. Station 13+92.55 N 1,898,278.2696 E 1,171,205.2099
 C.C. N 1,898,699.3540 E 1,170,762.4810
 Back = N 54° 49' 32.56" E
 Ahead = N 43° 33' 52.71" E
 Chord Bear = N 49° 11' 42.64" E

Course from PT E KNNDY A-4 to PC E KNNDY A-5 N 43° 33' 52.71" E Dist 94.3522

Curve Data

Curve E KNNDY A-5
 P.I. Station 15+47.38 N 1,898,390.4589 E 1,171,311.9144
 Delta = 17° 16' 49.70" (LT)
 Degree = 14° 23' 45.33"
 Tangent = 60.4778
 Length = 120.0373
 Radius = 398.0000
 External = 4.5687
 Long Chord = 119.5828
 Mid. Ord. = 4.5169
 P.C. Station 14+86.91 N 1,898,346.6369 E 1,171,270.2348
 P.T. Station 16+06.94 N 1,898,444.6838 E 1,171,338.6954
 C.C. N 1,898,620.9276 E 1,170,981.8451
 Back = N 43° 33' 52.71" E
 Ahead = N 26° 17' 03.01" E
 Chord Bear = N 34° 55' 27.86" E

RAMP E_KNNDY_A

Curve Data

 Curve E KNNDY A-6
 P.I. Station 16+41.67 N 1,898,475.8181 E 1,171,354.0722
 Delta = 2° 20' 35.14" (LT)
 Degree = 3° 22' 27.52"
 Tangent = 34.7245
 Length = 69.4392
 Radius = 1,698.0000
 External = 0.3550
 Long Chord = 69.4344
 Mid. Ord. = 0.3549
 P.C. Station 16+06.94 N 1,898,444.6838 E 1,171,338.6954
 P.T. Station 16+76.38 N 1,898,507.5550 E 1,171,368.1633
 C.C. N 1,899,196.5981 E 1,169,816.2537
 Back = N 26° 17' 03.01" E
 Ahead = N 23° 56' 27.87" E
 Chord Bear = N 25° 06' 45.44" E

Curve Data

Curve E KNNDY A-7
 P.I. Station 18+03.29 N 1,898,623.5407 E 1,171,419.6606
 Delta = 26° 32' 41.24" (LT)
 Degree = 10° 38' 59.18"
 Tangent = 126.9041
 Length = 249.2521
 Radius = 538.0000
 External = 14.7646
 Long Chord = 247.0290
 Mid. Ord. = 14.3702
 P.C. Station 16+76.38 N 1,898,507.5550 E 1,171,368.1633
 P.T. Station 19+25.64 N 1,898,750.3138 E 1,171,413.8956
 C.C. N 1,898,725.8737 E 1,170,876.4511
 Back = N 23° 56' 27.87" E
 Ahead = N 2° 36' 13.37" W
 Chord Bear = N 10° 40' 07.25" 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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USER NAME = jmjewski	CHECKED - CAR	REVISED -			CONTRACT NO. 60K11							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 18 OF 19 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

RAMP E_KNNDY_B

Curve Data

Curve E KNNDY B-1
 P.I. Station = 1+00.69 N 1,897,862.0591 E 1,170,616.9583
 Delta = 4° 53' 28.82" (RT)
 Degree = 2° 25' 49.39"
 Tangent = 100.6900
 Length = 201.2576
 Radius = 2,357.4761
 External = 2.1493
 Long Chord = 201.1965
 Mid. Ord. = 2.1473
 P.C. Station = 0+00.00 N 1,897,865.8935 E 1,170,516.3414
 P.T. Station = 2+01.26 N 1,897,849.6595 E 1,170,716.8819
 C.C. = N 1,895,510.1273 E 1,170,426.5671
 Back = S 87° 49' 03.40" E
 Ahead = S 82° 55' 34.58" E
 Chord Bear = S 85° 22' 18.99" E

Curve Data

Curve E KNNDY B-2
 P.I. Station = 3+31.61 N 1,897,833.6073 E 1,170,846.2400
 Delta = 0° 57' 49.17" (LT)
 Degree = 0° 22' 10.74"
 Tangent = 130.3502
 Length = 260.6943
 Radius = 15,500.0000
 External = 0.5481
 Long Chord = 260.6913
 Mid. Ord. = 0.5481
 P.C. Station = 2+01.26 N 1,897,849.6595 E 1,170,716.8819
 P.T. Station = 4+61.95 N 1,897,819.7330 E 1,170,975.8497
 C.C. = N 1,913,231.6814 E 1,172,625.6517
 Back = S 82° 55' 34.58" E
 Ahead = S 83° 53' 23.75" E
 Chord Bear = S 83° 24' 29.16" E

Curve Data

Curve E KNNDY B-3
 P.I. Station = 5+08.39 N 1,897,814.7907 E 1,171,022.0192
 Delta = 8° 04' 22.92" (RT)
 Degree = 8° 42' 27.23"
 Tangent = 46.4333
 Length = 92.7129
 Radius = 658.0000
 External = 1.6363
 Long Chord = 92.6362
 Mid. Ord. = 1.6322
 P.C. Station = 4+61.95 N 1,897,819.7330 E 1,170,975.8497
 P.T. Station = 5+54.66 N 1,897,803.4136 E 1,171,067.0371
 C.C. = N 1,897,165.4709 E 1,170,905.8130
 Back = S 83° 53' 23.75" E
 Ahead = S 75° 49' 00.83" E
 Chord Bear = S 79° 51' 12.29" E

Course from PT E KNNDY B-3 to PC E KNNDY B-4 S 75° 49' 00.83" E Dist 90.0149

RAMP E_KNNDY_B

Curve Data

Curve E KNNDY B-4
 P.I. Station = 7+08.60 N 1,897,765.6951 E 1,171,216.2842
 Delta = 32° 41' 08.55" (RT)
 Degree = 26° 16' 56.88"
 Tangent = 63.9247
 Length = 124.3632
 Radius = 218.0000
 External = 9.1792
 Long Chord = 122.6836
 Mid. Ord. = 8.8083
 P.C. Station = 6+44.68 N 1,897,781.3580 E 1,171,154.3081
 P.T. Station = 7+69.04 N 1,897,719.0434 E 1,171,259.9877
 C.C. = N 1,897,570.0031 E 1,171,100.8934
 Back = S 75° 49' 00.83" E
 Ahead = S 43° 07' 52.28" E
 Chord Bear = S 59° 28' 26.55" E

Course from PT E KNNDY B-4 to PC E KNNDY B-5 S 43° 00' 58.70" E Dist 76.5158

Curve Data

Curve E KNNDY B-5
 P.I. Station = 9+14.56 N 1,897,612.6485 E 1,171,359.2592
 Delta = 16° 21' 37.26" (RT)
 Degree = 11° 56' 11.83"
 Tangent = 68.9995
 Length = 137.0602
 Radius = 480.0000
 External = 4.9339
 Long Chord = 136.5950
 Mid. Ord. = 4.8837
 P.C. Station = 8+45.56 N 1,897,663.0982 E 1,171,312.1873
 P.T. Station = 9+82.62 N 1,897,550.9825 E 1,171,390.2146
 C.C. = N 1,897,335.6390 E 1,170,961.2307
 Back = S 43° 00' 58.70" E
 Ahead = S 26° 39' 21.44" E
 Chord Bear = S 34° 50' 10.07" E

Course from PT E KNNDY B-5 to PC E KNNDY B-6 S 26° 39' 21.44" E Dist 16.0573

Curve Data

Curve E KNNDY B-6
 P.I. Station = 11+04.82 N 1,897,441.7726 E 1,171,445.0363
 Delta = 19° 42' 34.71" (RT)
 Degree = 9° 22' 38.56"
 Tangent = 106.1402
 Length = 210.1829
 Radius = 611.0000
 External = 9.1506
 Long Chord = 209.1481
 Mid. Ord. = 9.0156
 P.C. Station = 9+98.68 N 1,897,536.6318 E 1,171,397.4184
 P.T. Station = 12+08.86 N 1,897,336.4115 E 1,171,457.8729
 C.C. = N 1,897,262.5176 E 1,170,851.3577
 Back = S 26° 39' 21.44" E
 Ahead = S 6° 56' 46.73" E
 Chord Bear = S 16° 48' 04.09" E

Course from PT E KNNDY B-6 to 1931 S 6° 56' 46.73" E Dist 291.3369

Point 1931 N 1,897,047.2130 E 1,171,493.1069 Sta 15+00.20

FILE NAME =	DESIGNED - CAG	REVISED -
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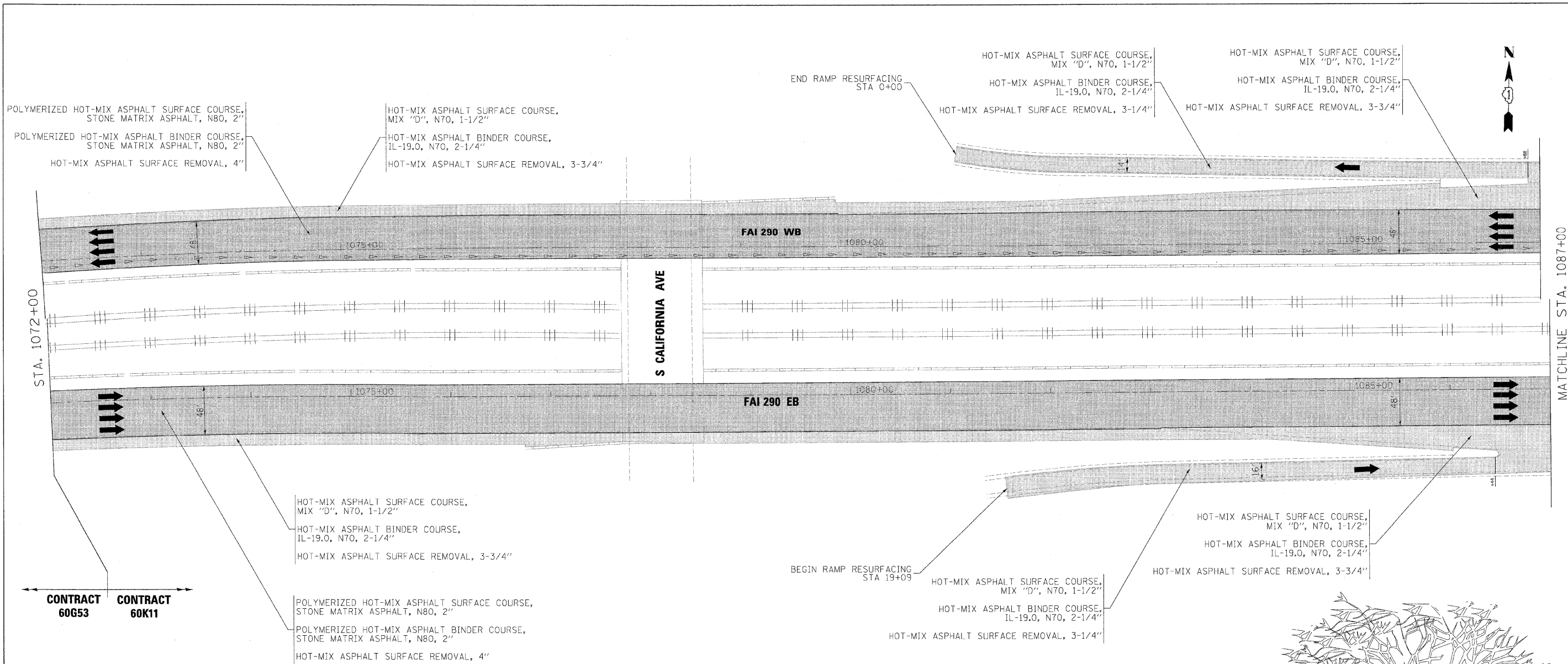
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
CURVE DATA**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	38
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT CONTRACT NO. 60K11	

SCALE: N.T.S. SHEET NO. 19 OF 19 SHEETS STA. TO STA.



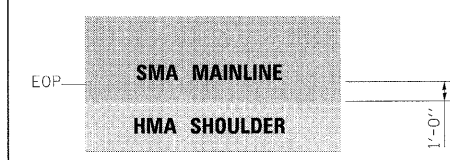
CONTRACT 60G53 CONTRACT 60K11

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"

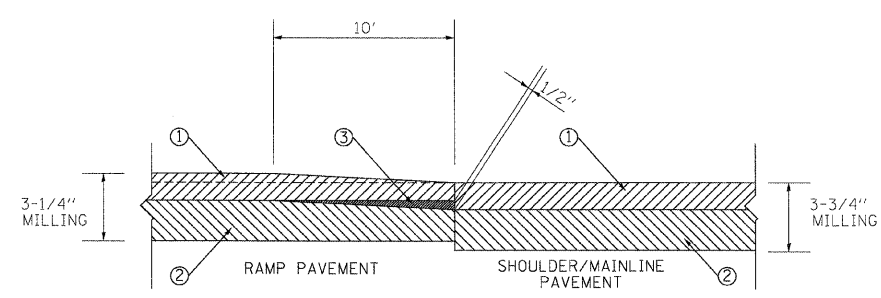
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 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
 HOT-MIX ASPHALT SURFACE REMOVAL, 4"

BEGIN RAMP RESURFACING STA 19+09
 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"



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



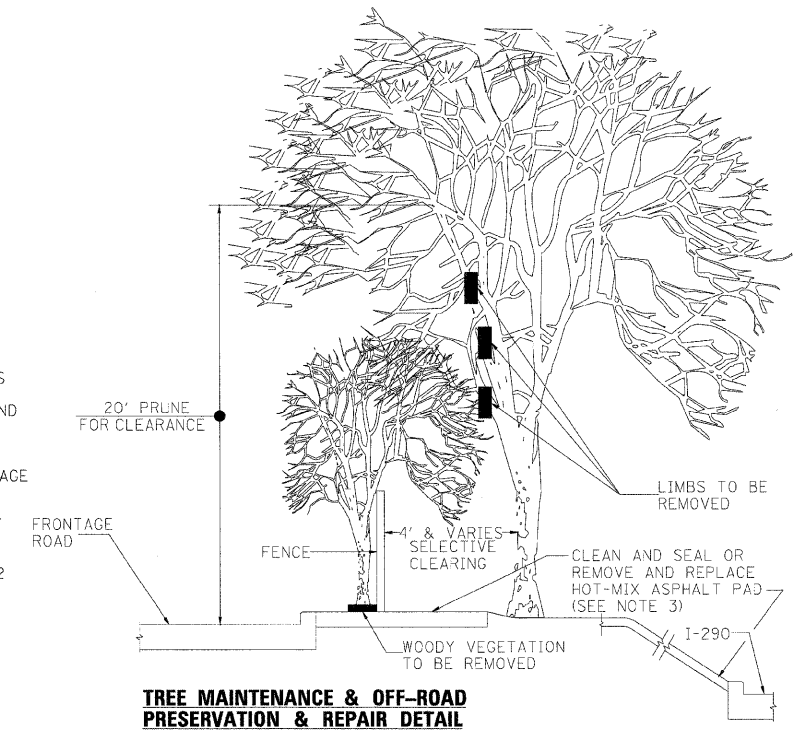
- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- ③ HOT-MIX ASPHALT SURFACE REMOVAL BUTT-JOINT (TYPICAL)

RAMP PAVEMENT TRANSITION DETAIL

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 RAMP 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.



TREE MAINTENANCE & OFF-ROAD PRESERVATION & REPAIR DETAIL

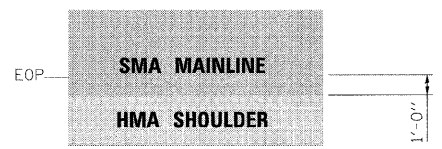
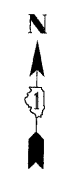
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PLOT DATE = 1/25/2018	DATE - 1/25/10	REVISED -

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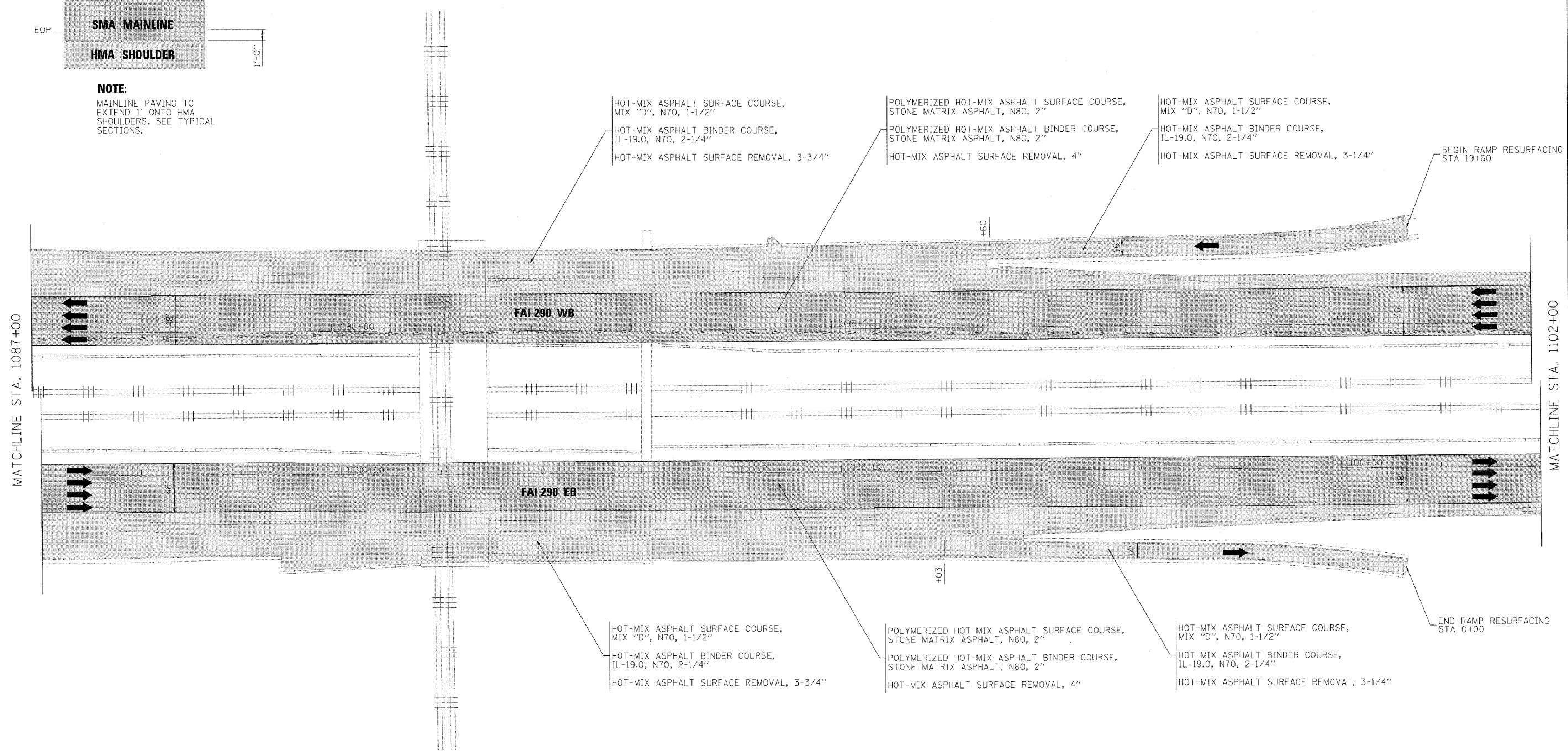
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN POB TO STA 1087+00	
SCALE: 1"=50'	SHEET NO. 1 OF 10 SHEETS
STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	39
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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



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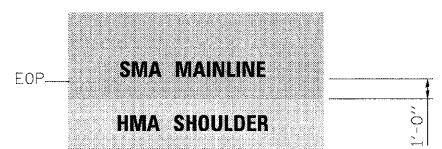
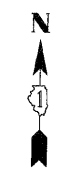
benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
 STA 1087+00 TO STA 1102+00**

SCALE: 1"=50' SHEET NO. 2 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	40
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K11		



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

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"

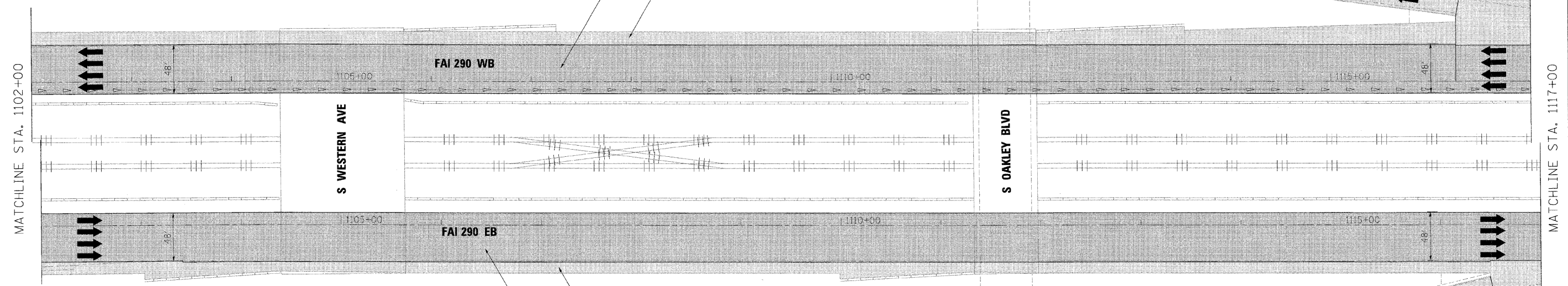
HOT-MIX ASPHALT SURFACE COURSE,
 MIX "D", N70, 1-1/2"
 HOT-MIX ASPHALT BINDER COURSE,
 IL-19.0, N70, 2-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/4"
 END AUXILIARY LANE RESURFACING
 STA 0+00

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"

BEGIN AUXILIARY LANE RESURFACING
 STA 15+25

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"



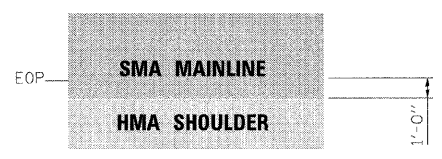
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
 STA 1102+00 TO STA 1117+00**
 SCALE: 1"=50' SHEET NO. 3 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	41
CONTRACT NO. 60K11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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

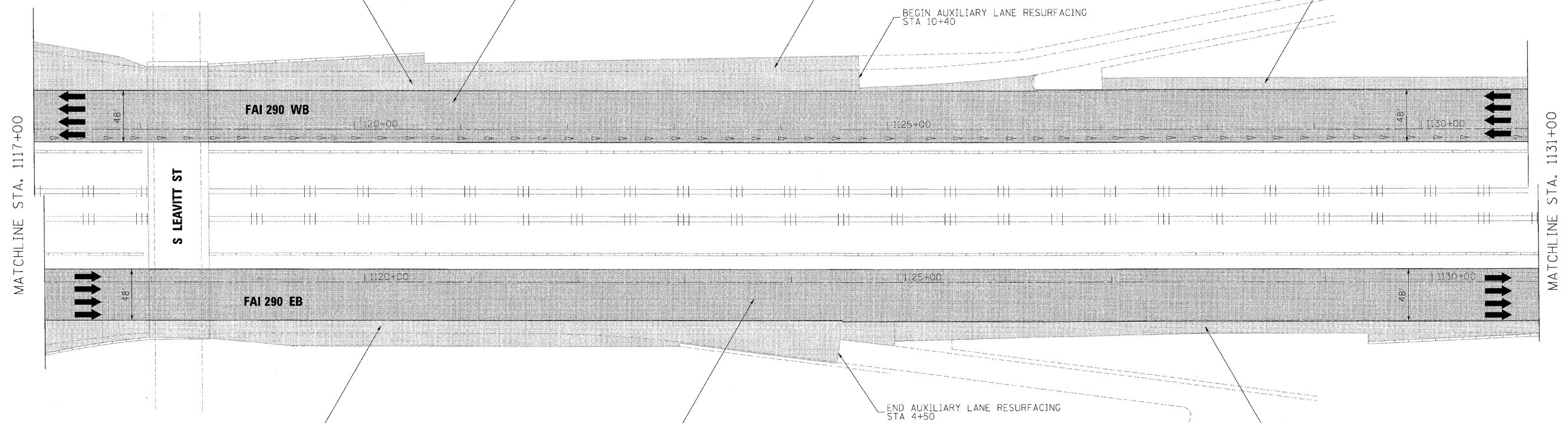
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 HOT-MIX ASPHALT BINDER COURSE,
 IL-19.0, N70, 2-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"

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"

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"

BEGIN AUXILIARY LANE RESURFACING
 STA 10+40



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"

END AUXILIARY LANE RESURFACING
 STA 4+50

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"

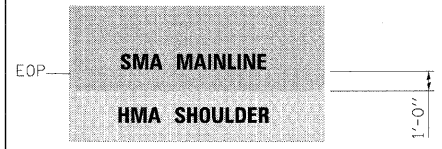
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USER NAME = jmojewski	CHECKED - CAR	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

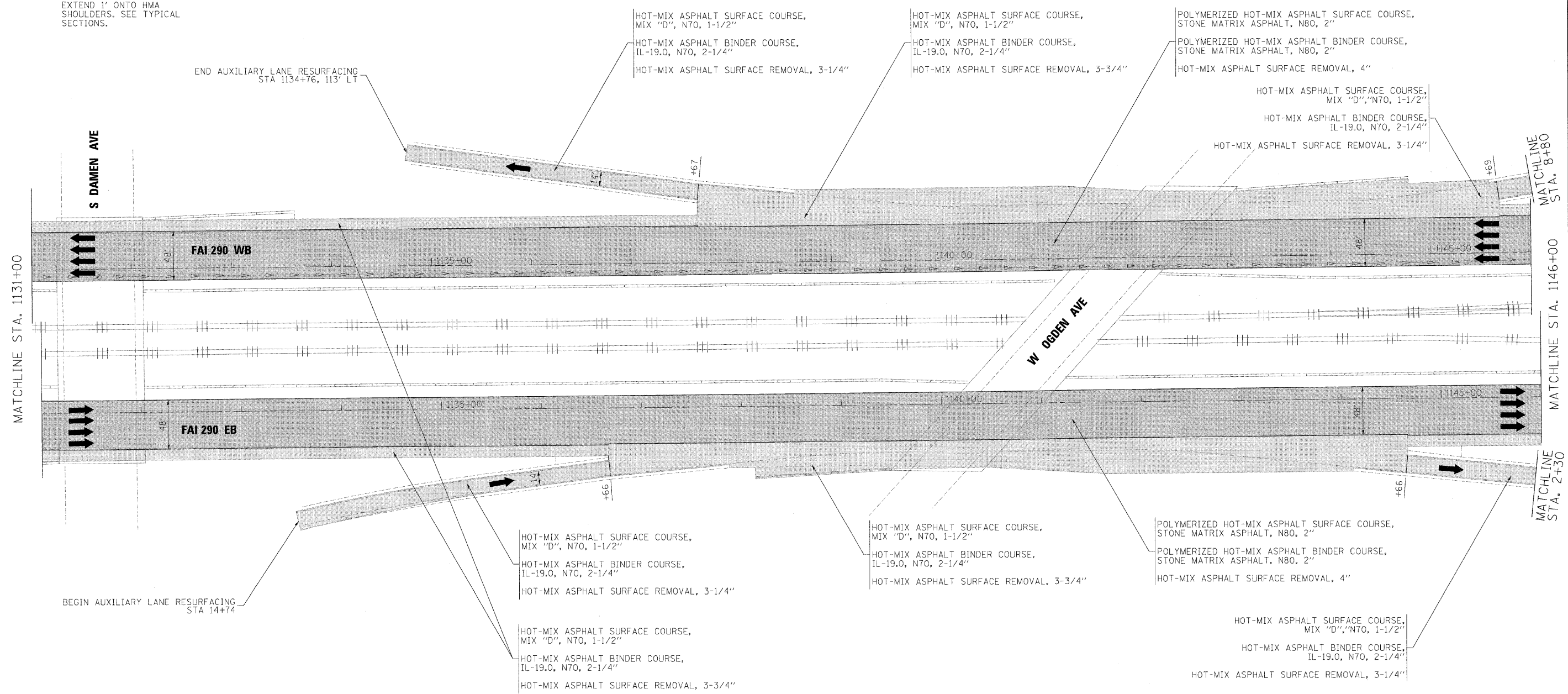
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN	
STA 1117+00 TO STA 1131+00	
SCALE: 1"=50'	SHEET NO. 4 OF 10 SHEETS
STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	42
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	



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



FILE NAME =	DESIGNED - CAG	REVISED -
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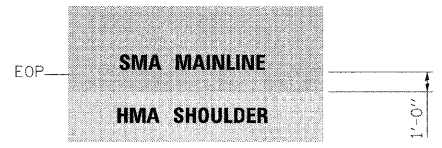
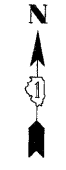
benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

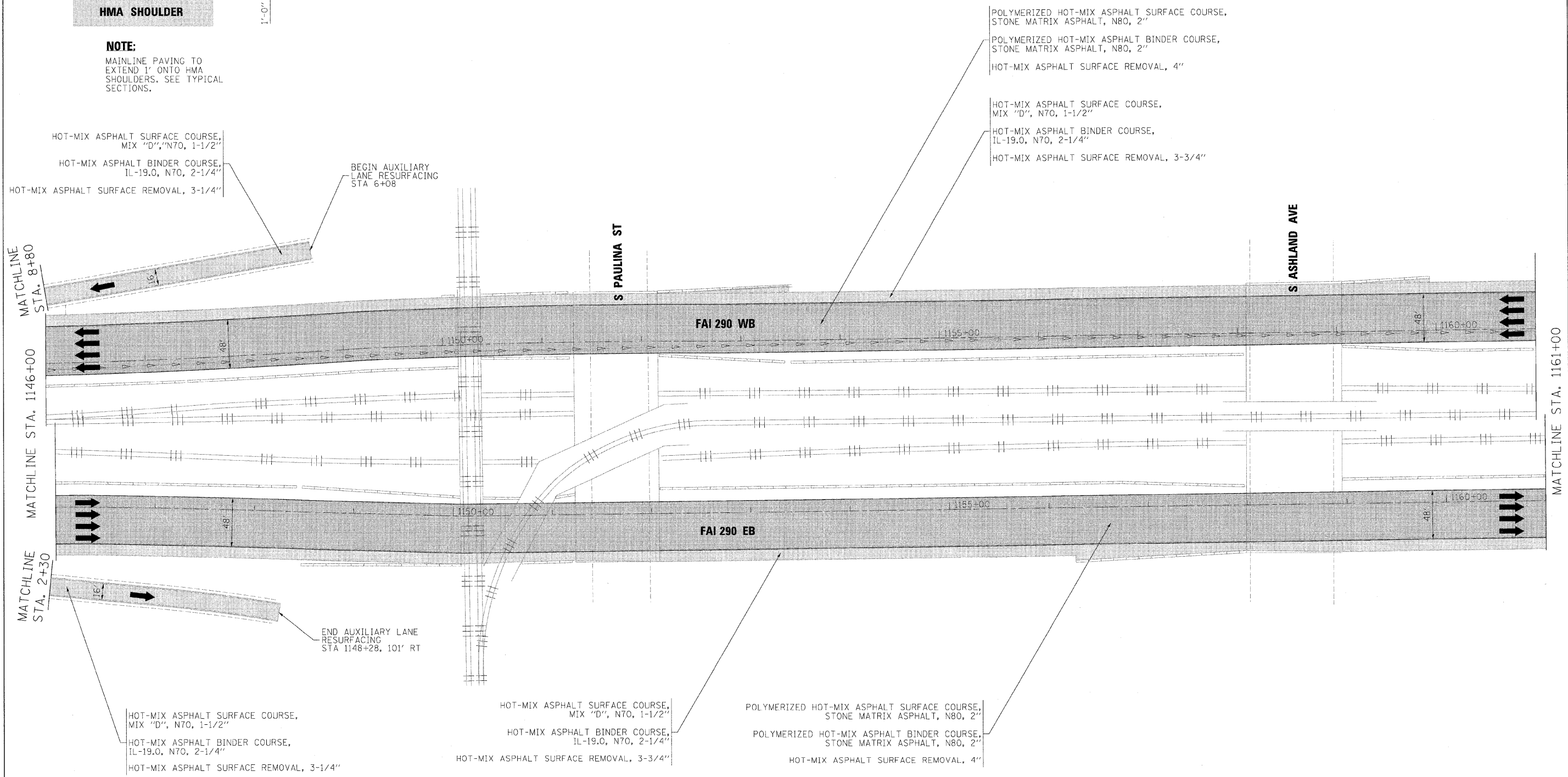
**ROADWAY PLAN
 STA 1131+00 TO STA 1146+00**

SCALE: 1"=50' SHEET NO. 5 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	43
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K11		



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



FILE NAME =	DESIGNED - CAG	REVISED -
...\\p\plan_ABC.C3.290.plan.20.dgn	DRAWN - DMS	REVISED -
USER NAME = jmajewski	CHECKED - CAR	REVISED -
PLOT DATE = 1/25/2010	DATE = 1/25/10	REVISED -

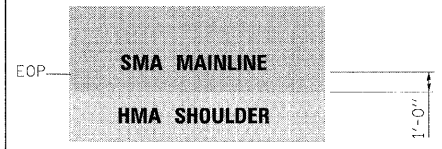
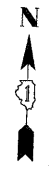
benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

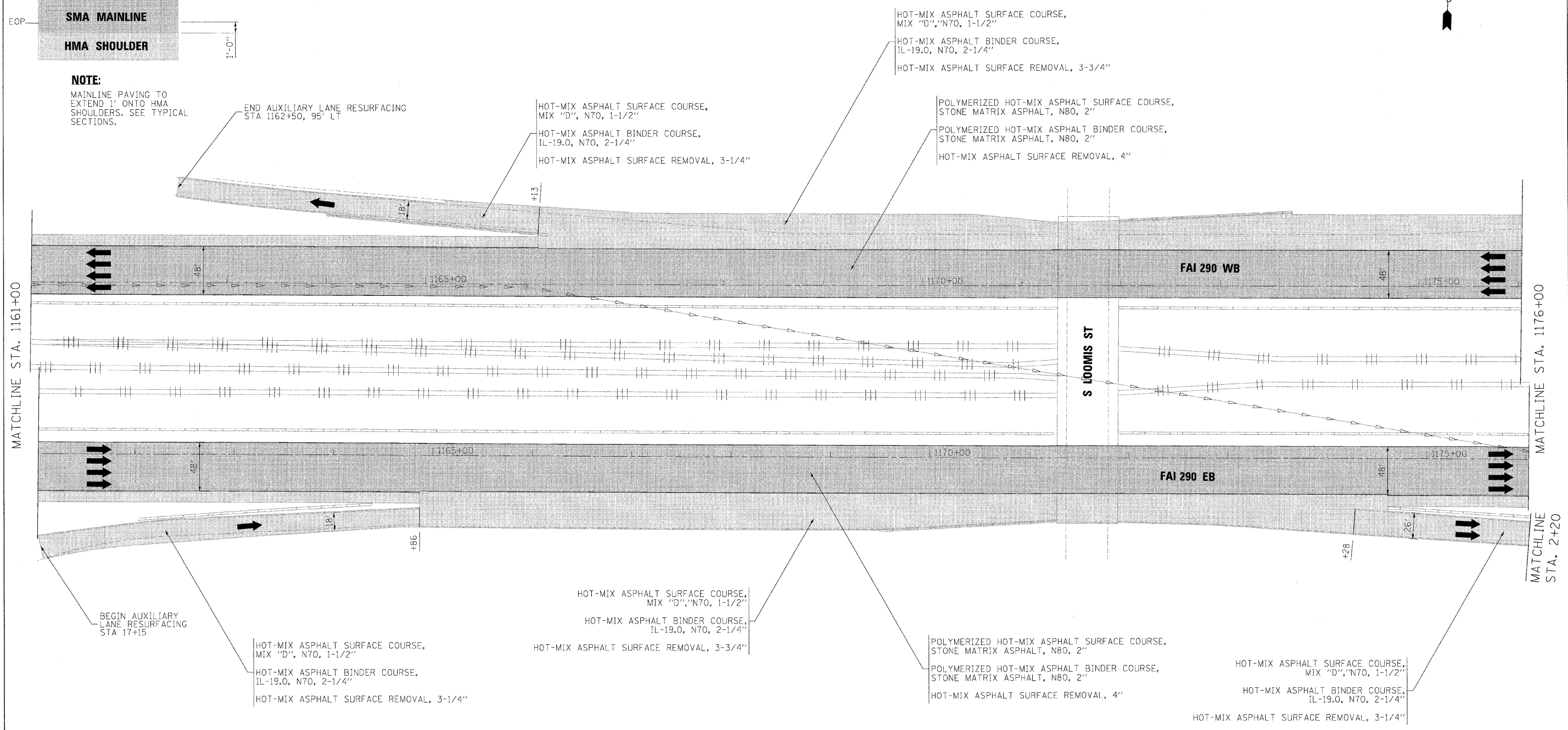
**ROADWAY PLAN
 STA 1146+00 TO STA 1161+00**

SCALE: 1"=50' SHEET NO. 6 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	44
CONTRACT NO. 60K11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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



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

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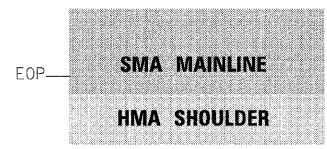
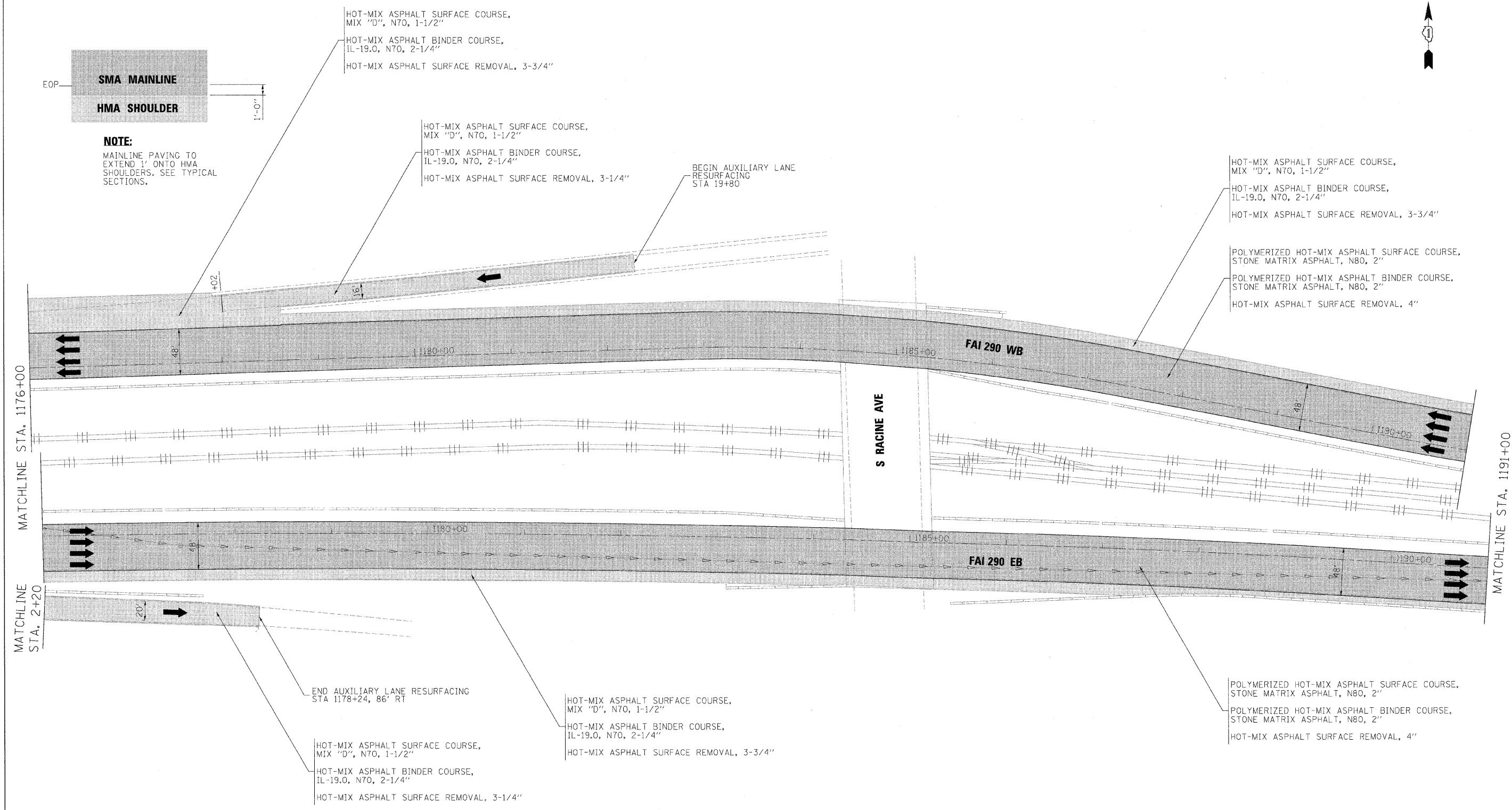
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
STA 1161+00 TO STA 1176+00**

SCALE: 1"=50' SHEET NO. 7 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	45
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CONTRACT NO. 60K11



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"

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"

BEGIN AUXILIARY LANE
RESURFACING
STA 19+80

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"

END AUXILIARY LANE RESURFACING
STA 1178+24, 86' RT

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"

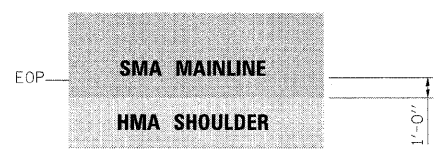
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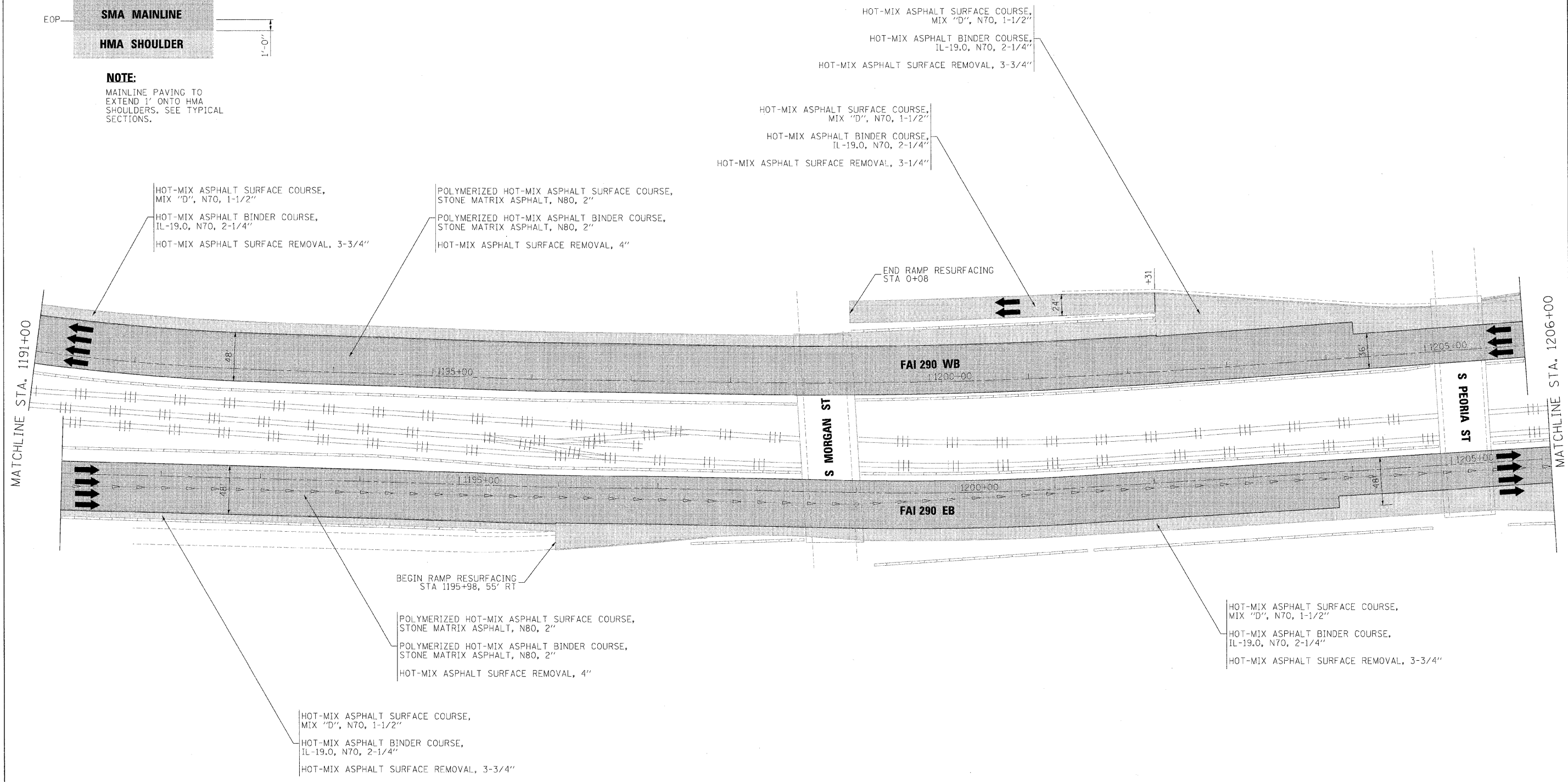
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
STA 1176+00 TO STA 1191+00**
SCALE: 1"=50' SHEET NO. 8 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	46
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	



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



FILE NAME =	DESIGNED - CAG	REVISED -
...p\p\p\ABC.C3.290.plan.23.dgn	DRAWN - DMS	REVISED -
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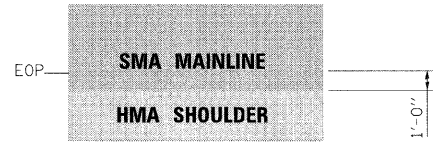
benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
STA 1191+00 TO STA 1206+00

SCALE: 1"=50' SHEET NO. 9 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	47
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K11		



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"

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"

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"

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"

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 8+50

END IMPROVEMENTS STA. WB 1215+15 STA. EB 1214+90

END RAMP RESURFACING STA 1214+51, 230' RT

END RAMP RESURFACING STA 17+07

END RAMP RESURFACING STA 1214+07, 277' LT

MATCHLINE STA. 1206+00

1209+09 24.00' LT

1210+00 FAI 290 WB

S HALSTED ST

1210+00 FAI 290 EB

1209+10 24.00' RT

1215+00

1215+00

1215+00

1215+00

FILE NAME = ...p\p\p\ABC_C3_290_plan_24.dgn	DESIGNED - CAC	REVISED -
USER NAME = jrajewski	DRAWN - DMS	REVISED -
PLOT DATE = 1/25/2010	CHECKED - CAR	REVISED -
	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
STA 1206+00 TO POE**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	48
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K11	

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. THE LANE CONFIGURATION AND ADVANCE SIGNAGE REQUIRED AT THE WEST END OF THE CONTRACT WILL BE COORDINATED WITH CONTRACT 60G53.
2. THREE LANES WILL BE MAINTAINED TO THE EAST END OF THE CONTRACT. THE OUTSIDE LANE WILL BE CLOSED TO RACINE AVENUE. THE LANE CONFIGURATION AT THE EAST END OF THE PROJECT WILL BE COORDINATED WITH CONTRACT 60D61.

WB I-290

1. THE LANE CONFIGURATION AT THE EAST END OF THE CONTRACT WILL BE COORDINATED WITH CONTRACT 60D61. THE ONE LANE CONFIGURATION OF CONTRACT 60D61 WILL BE OPENED TO TWO LANES BY THIS CONTRACT. TRAFFIC WILL BE SHIFTED TO THE TWO INSIDE LANES. THE THIRD (OUTSIDE) LANE WILL BE CLOSED THROUGH THE CIRCLE INTERCHANGE. WEST OF THE CIRCLE, TRAFFIC FROM THE I-90/94 RAMP WILL FLOW INTO THE THIRD LANE. THE 4TH (OUTSIDE) LANE WILL BE CLOSED TO THE WEST END OF THE CONTRACT.
2. THE LANE CONFIGURATION AT THE WEST END OF THE CONTRACT WILL BE COORDINATED WITH CONTRACT 60G53.

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 PERT THE SPECIAL PROVISIONS.

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. THE LANE CONFIGURATION AND ADVANCE SIGNAGE REQUIRED AT THE WEST END OF THE CONTRACT WILL BE COORDINATED WITH CONTRACT 60G53.
2. THREE LANES WILL BE MAINTAINED TO THE EAST END OF THE CONTRACT. THE INSIDE LANE WILL BE CLOSED TO RACINE AVENUE. THE LANE CONFIGURATION AT THE EAST END OF THE PROJECT WILL BE COORDINATED WITH CONTRACT 60D61.

WB I-290

1. THE LANE CONFIGURATION AT THE EAST END OF THE CONTRACT WILL BE COORDINATED WITH CONTRACT 60D61. THE INSIDE LANE WILL BE CLOSED FROM THE TIE-IN WITH CONTRACT 60D61 TO THE WEST END OF THIS CONTRACT.
2. THE LANE CONFIGURATION AT THE WEST END OF THE CONTRACT WILL BE COORDINATED WITH CONTRACT 60G53.

CONSTRUCTION

UTILIZE THE PERMANENT LANE CLOSURES SHOWN IN THE PLANS TO WORK ON CONTRACT PAY ITEMS. CLASS D PATCHING OUTSIDE OF THE PERMANENT LANE CLOSURES MUST BE ACCOMPLISHED DURING THE ALLOWABLE HOURS FOR TEMPORARY LANE CLOSURES PER THE SPECIAL PROVISIONS.

STAGE 3

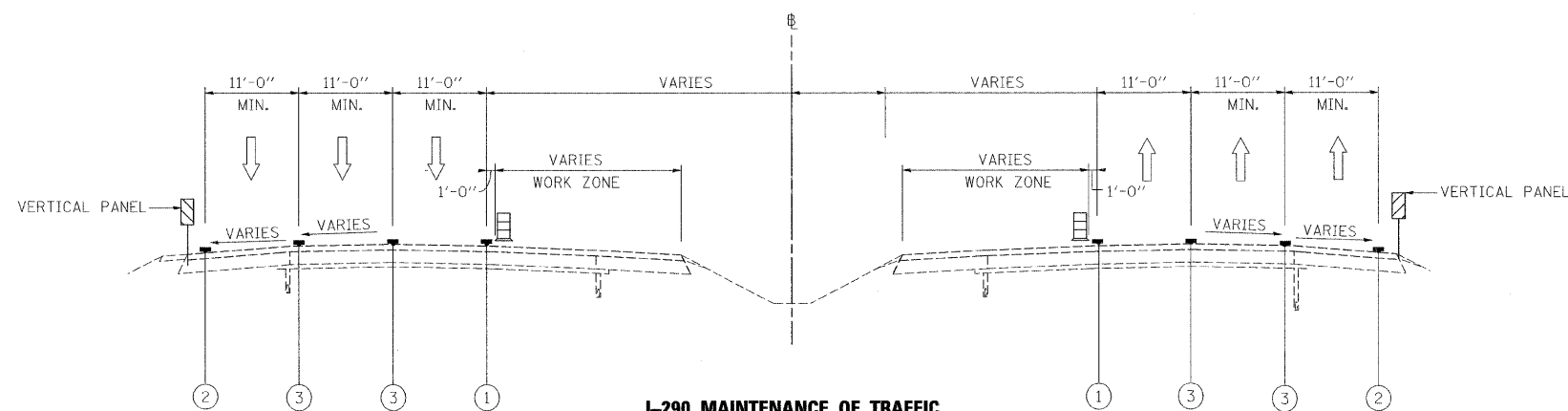
TRAFFIC

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.
...prpln_ABC.C3.gemotes.mot.dgn	DRAWN - TMB	REVISED -				290	(2525, ETC., 2727)RS-8	COOK	201	49
USER NAME = jmajewski	CHECKED - RMT	REVISED -				CONTRACT NO. 60K11				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -				SCALE: N.T.S.	SHEET NO. 1 OF 40 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
1072+00 to 1091+00	x	x	x	x
1091+00 to 1093+00	x	x		x
1093+00 to 1150+00	x	x	x	x
1150+00 to 1154+00	x	x		x
1154+00 to 1196+00	x	x	x	x
1196+00 to 1211+00		x		x
1211+00 to 1220+00		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.

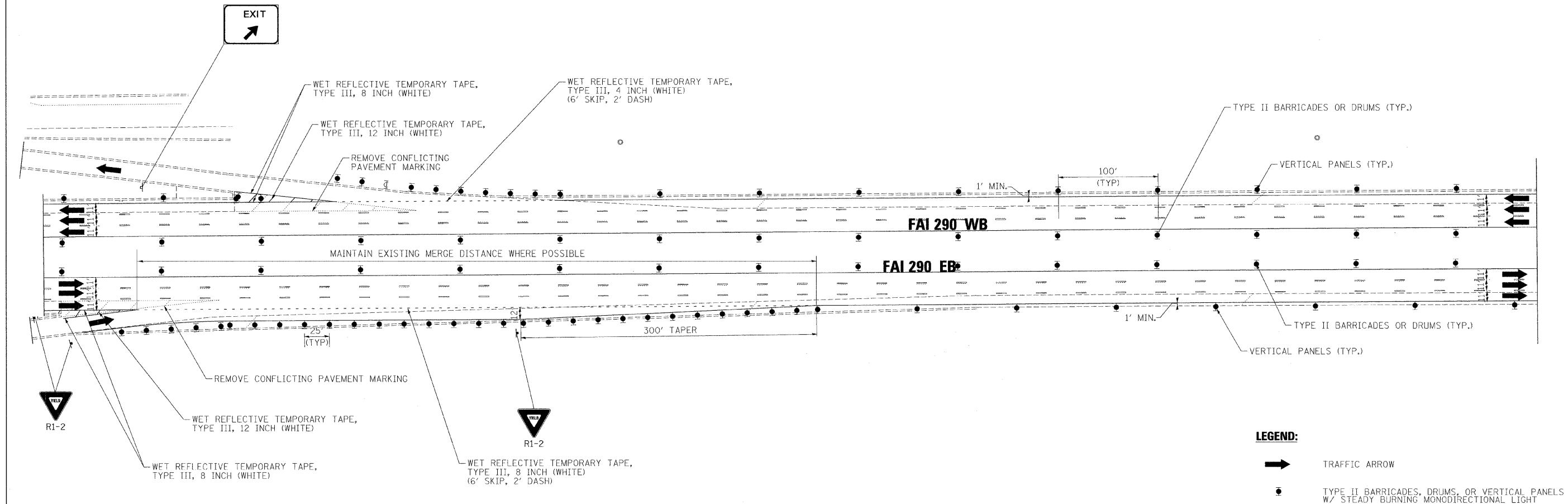
ALL PATCHING, DRAINAGE STRUCTURE FRAME AND GRATE REPAIRS AND/OR ADJUSTMENTS, OR TEMPORARY PAVEMENT REQUIRED IN PREPARATION TO SHIFT TRAFFIC WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS. ALL ADDITIONAL TRAFFIC CONTROL DEVICES, SIGNING (TEMPORARY AND EXISTING OVERHEAD) AND 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.

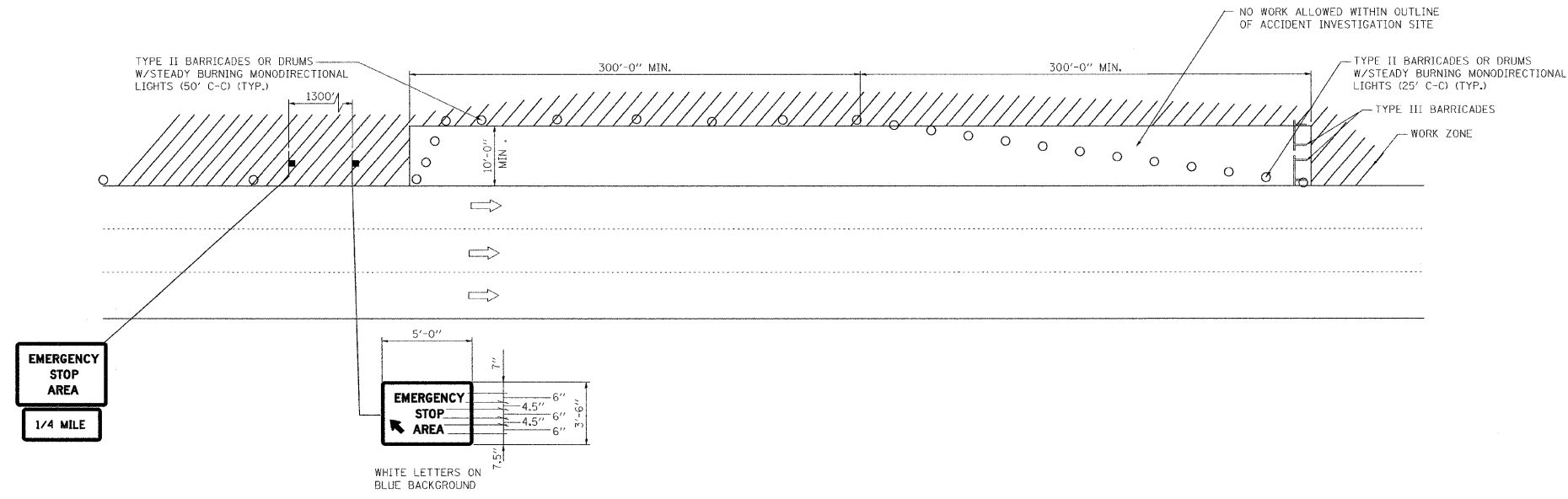
THE CONTRACTOR SHALL PROVIDE AN ACCIDENT INVESTIGATION SITE (SEE DETAIL) OR SHIFT TRAFFIC OFF OF THE EXISTING SHOULDER TO PROVIDE VEHICLE REFUGE ON SHOULDERS FOR A MINIMUM LENGTH OF 600'. SHOULDERS MUST BE A MINIMUM OF 10' WIDE. A MINIMUM OF ONE ACCIDENT INVESTIGATION SITE OR SHOULDER REFUGE AREA SHALL 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.

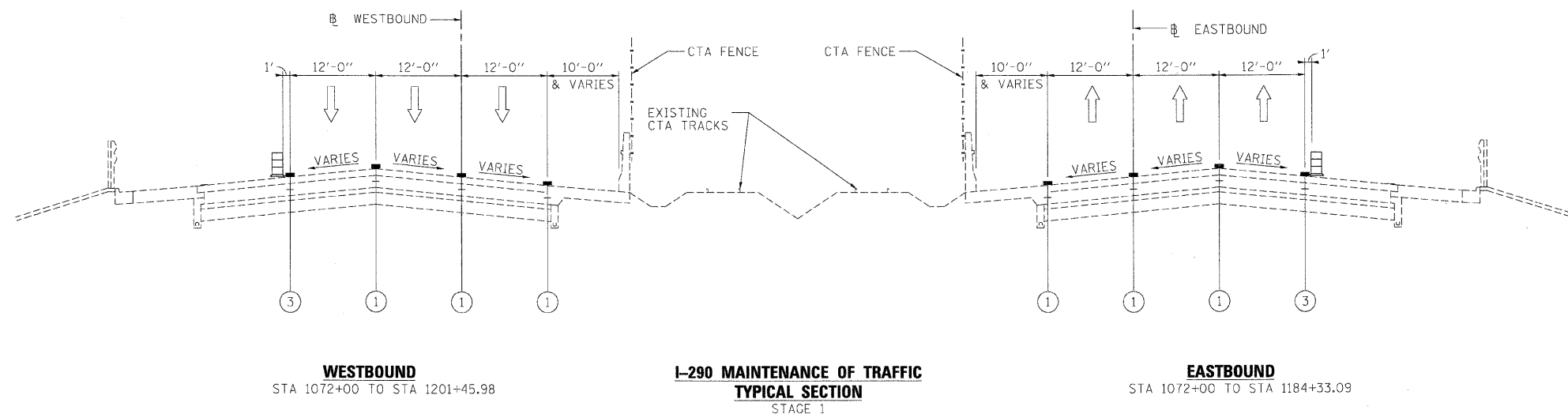
TYPICAL ENTRANCE AND EXIT






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.
#FILE#	DRAWN - TMB	REVISED -			290	(2525, ETC., 2727RS-8)	COOK	201	51			
USER NAME = #USER#	CHECKED - JJT	REVISED -			CONTRACT NO. 60K11							
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

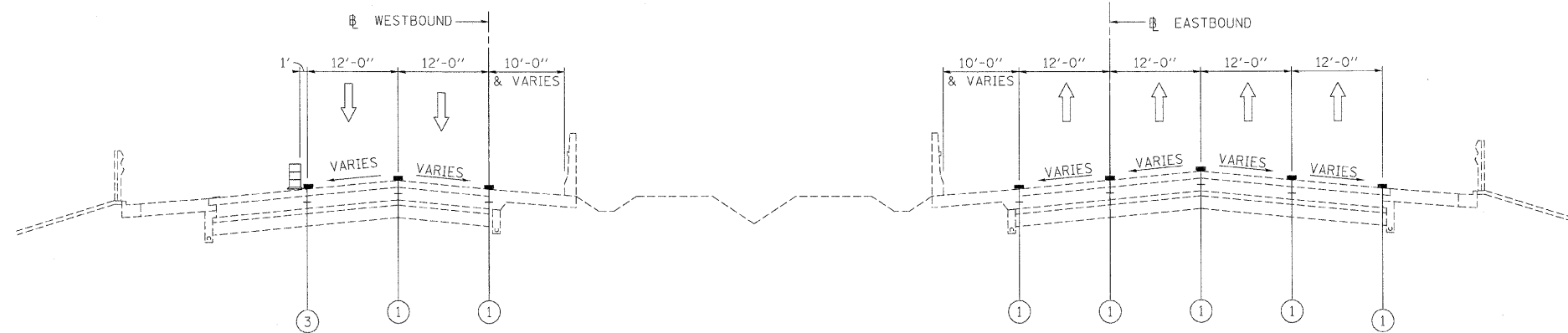
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USER NAME = jmajewski	CHECKED - JJT	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1		
SCALE: N.T.S.	SHEET NO. 4 OF 40 SHEETS	STA. TO STA.

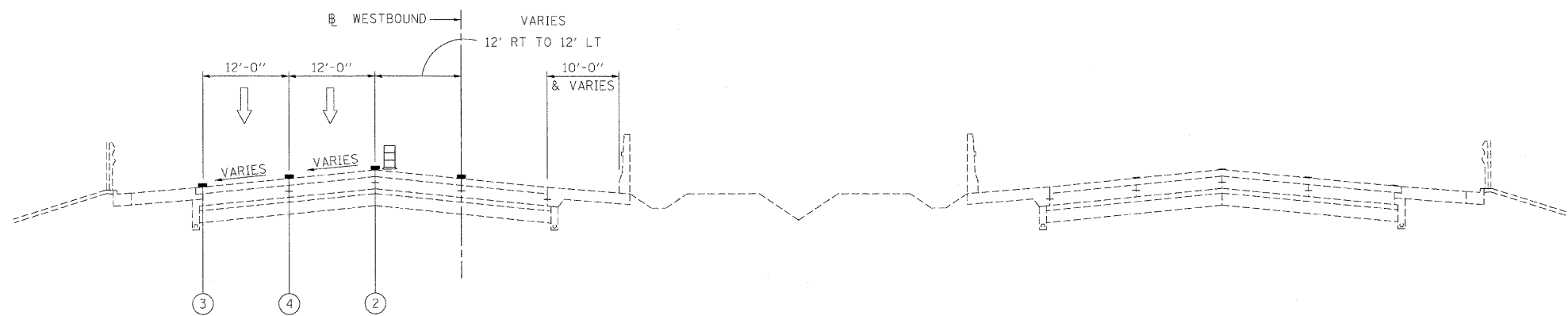
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	52
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K11	



WESTBOUND
STA 1201+45.98 TO STA 1218+31.33

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

EASTBOUND
STA 1184+33.09 TO STA 1205+00 (END OF CONTRACT)
SEE CONTRACT 60D61 FOR STAGING BY OTHERS



WESTBOUND
STA 1218+31.33 TO STA 1230+00
MATCH CONTRACT 60D61

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

EASTBOUND
SEE CONTRACT 60D61 FOR STAGING BY OTHERS

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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USER NAME = jmajewski	CHECKED - JJT	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

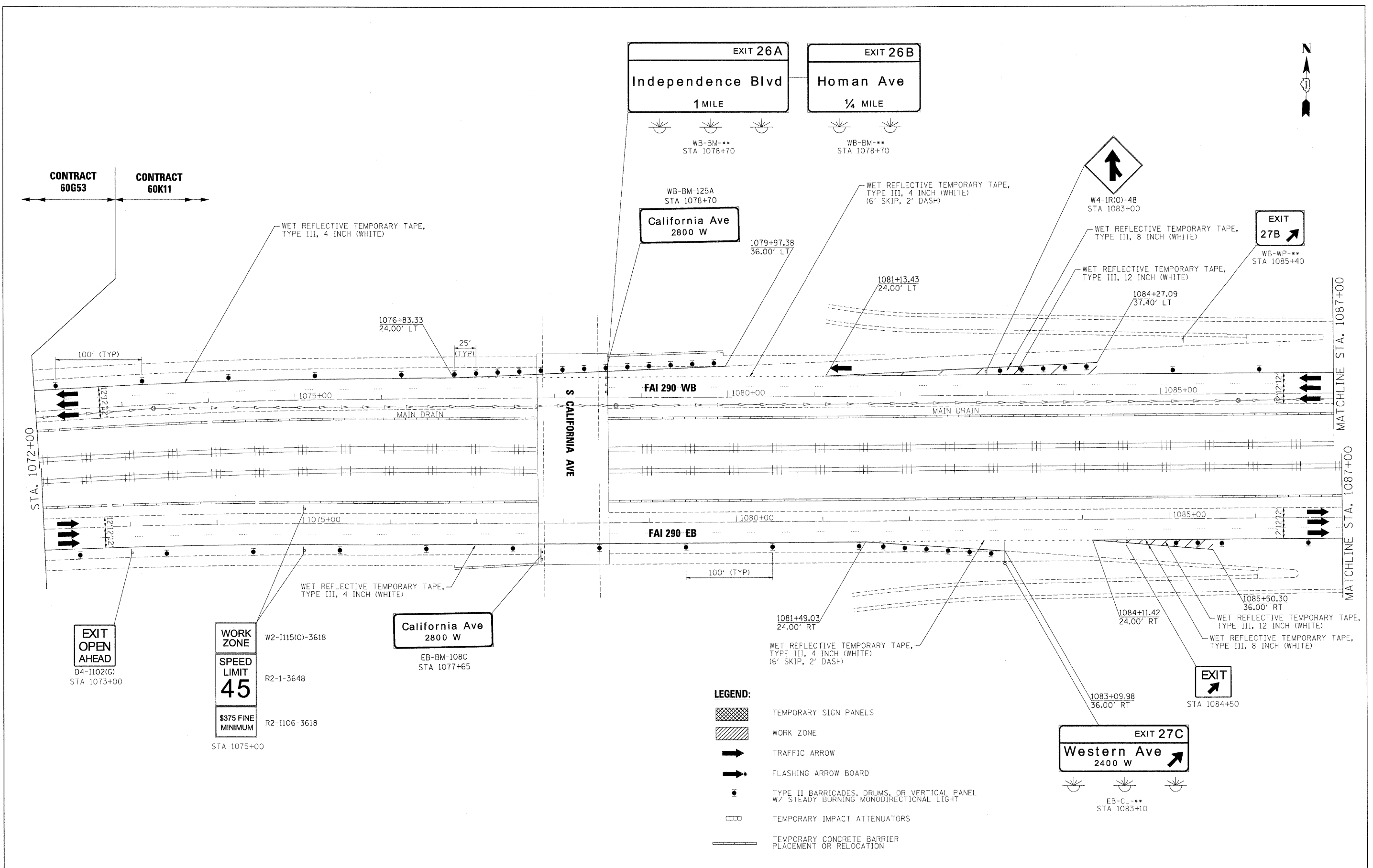
benesch








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: N.T.S. SHEET NO. 5 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727RS-8)	COOK	201	53
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	



- 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 -
...\\plain-ABC_C3_290_moc-ST-1.15.dgn	DRAWN - TMB	REVISED -
USER NAME = jnajewski	CHECKED - AJP	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

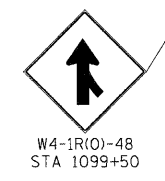
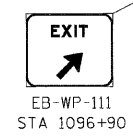
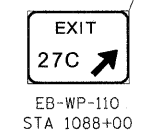
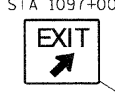
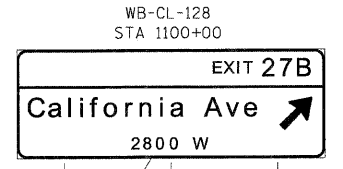
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

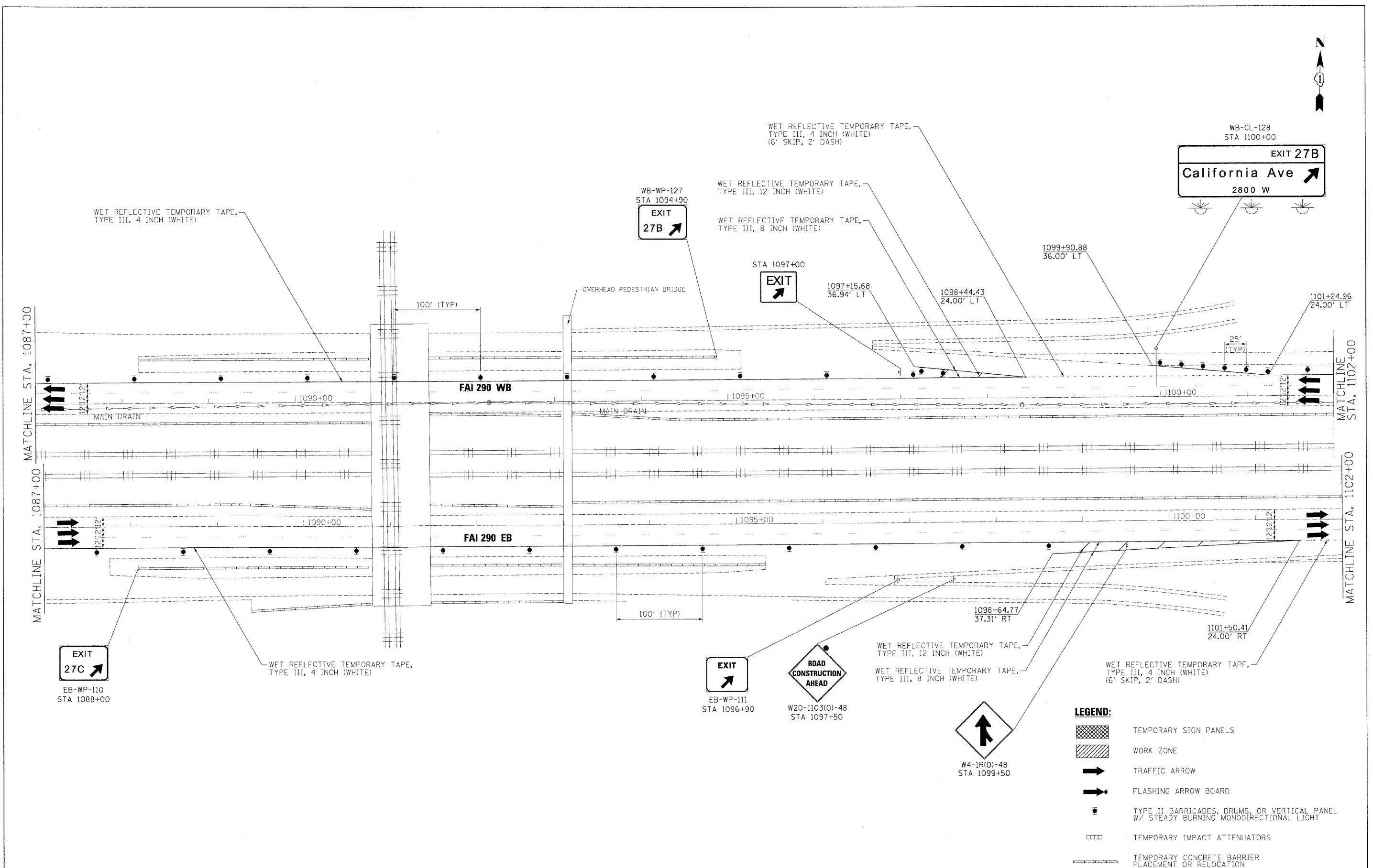
**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 6 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	54
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	

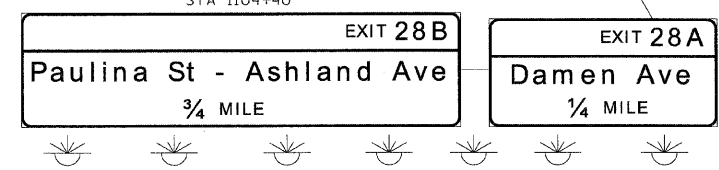
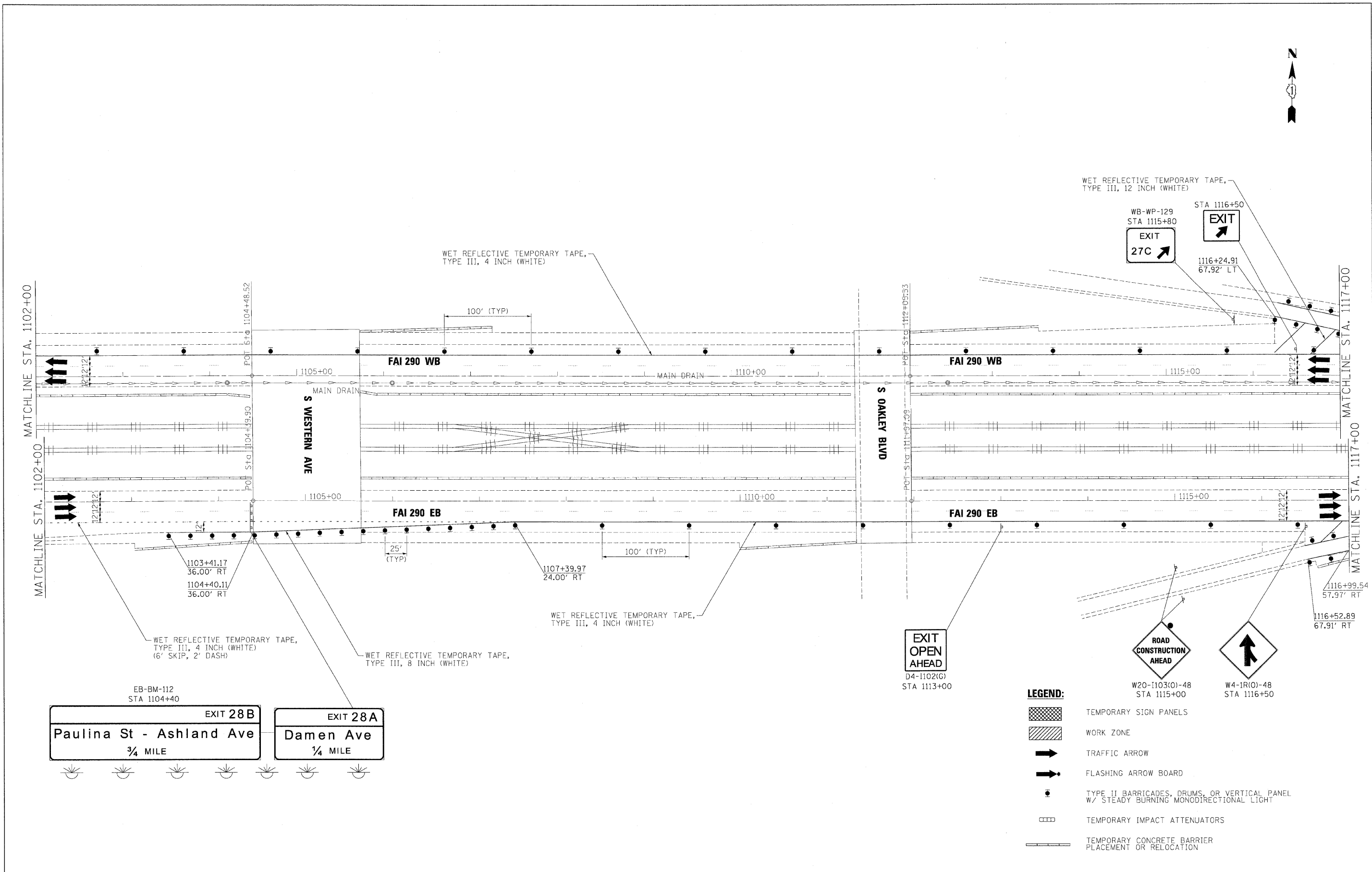


- LEGEND:**
- TEMPORARY SIGN PANELS
 - WORK ZONE
 - TRAFFIC ARROW
 - FLASHING ARROW BOARD
 - TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
 - TEMPORARY IMPACT ATTENUATORS
 - TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION



FILE NAME =	DESIGNED - JJT	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLAN - STAGE 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\p\plan-ABC_C3_290_mol.ST-1.16.dgn	DRAWN - TMB	REVISED -				290	(2525, ETC., 2727)RS-8	COOK	201	55
USER NAME = jmajewski	CHECKED - AJP	REVISED -				CONTRACT NO. 60K11				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 7 OF 40 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 -
...\\p\p\in\ARC\C3_290_mat.ST.1.17.dgn	DRAWN - TMB	REVISED -
USER NAME = jma_jowski	CHECKED - AJP	REVISED -
PLCT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

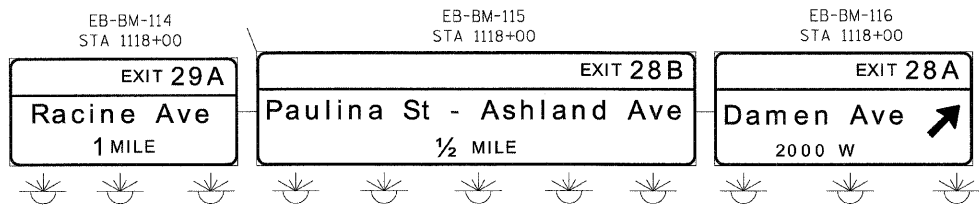
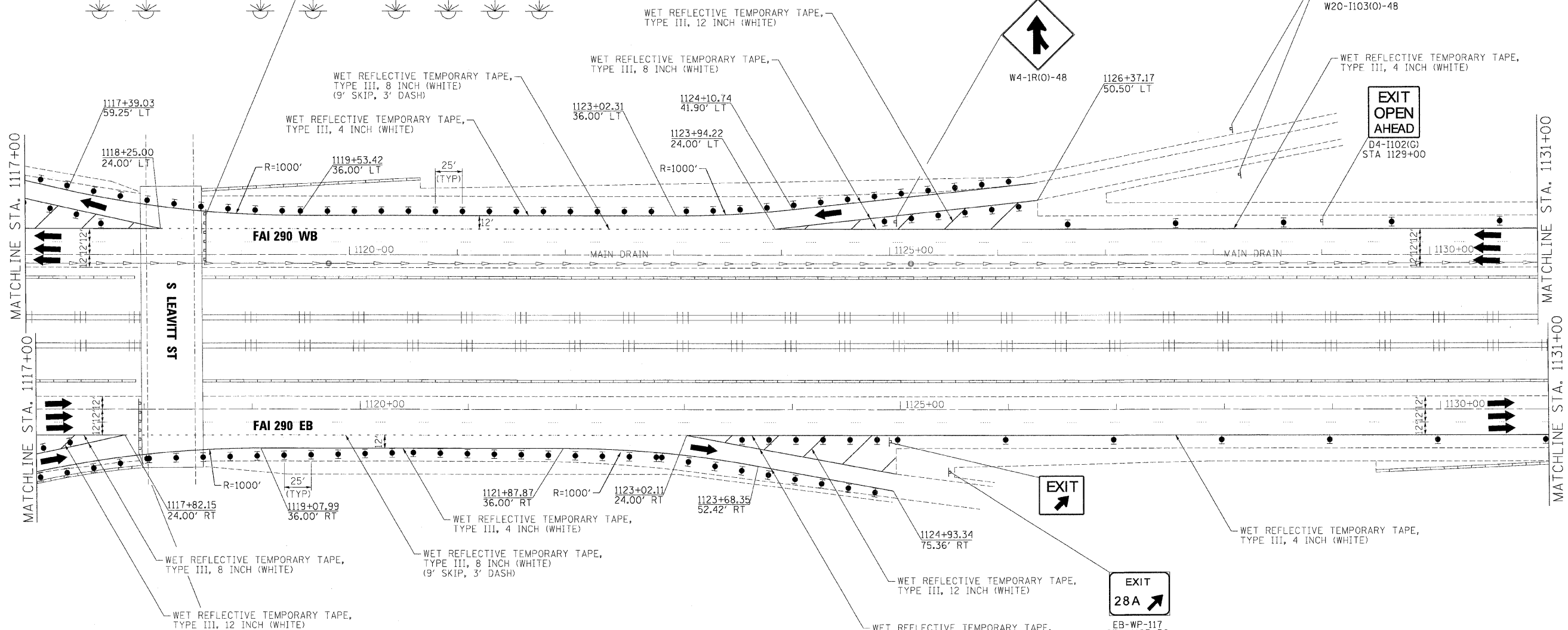
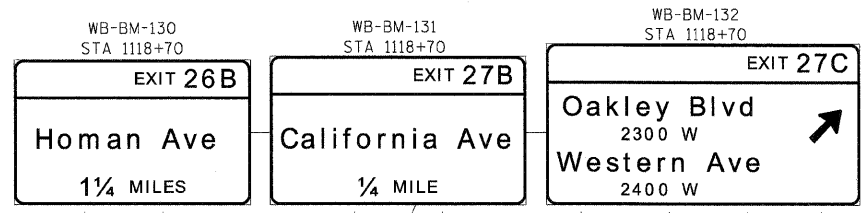
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 8 OF 40 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	56
CONTRACT NO. 60K11				
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 -
...p\p\in_ABC.C3.200_mot.ST.1.18.dgn	DRAWN - TMB	REVISED -
USER NAME = jnojewski	CHECKED - AJP	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. 9 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727RS-B	COOK	201	57
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	



WB-BM-133
STA 1132+20

WB-BM-134
STA 1132+20

EXIT 27B
California Ave
1/2 MILE

EXIT 27C
Oakley Blvd - Western Ave
1/4 MILE

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 12 INCH (WHITE)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 8 INCH (WHITE)

WB-WP-135
STA 1137+50

EXIT 28A

1137+66.56
63.89' LT

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 8 INCH (WHITE)
(9' SKIP, 3' DASH)

R=1000'

1140+40.08
24.00' LT

1139+96.90
46.47' LT

1141+41.21
36.00' LT

1143+05.23
36.00' LT

R=1000'

1145+65.93
69.76' LT

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 12 INCH (WHITE)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 8 INCH (WHITE)

1145+30.78
61.77' LT

1144+30.89
24.00' LT

EXIT 28A
Damen Ave
2000 W

MATCHLINE STA. 1131+00

S DAMEN AVE

FAI 290 WB

1135+00

MAIN DRAIN

1140+00

FAI 290 WB

1145+00

MATCHLINE STA. 8+80

MATCHLINE STA. 1146+00

MATCHLINE STA. 1146+00

MATCHLINE STA. 1146+00

MATCHLINE STA. 2+30

FAI 290 EB

1135+00

1140+00

FAI 290 EB

1145+00

EXIT OPEN AHEAD
D4-I102(G)
STA 1129+00

ROAD CONSTRUCTION AHEAD
W20-I103(O)-48

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 4 INCH (WHITE)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 8 INCH (WHITE)

R=1000'

1137+33.82
56.23' RT

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 12 INCH (WHITE)

1136+69.54
69.36' RT

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 8 INCH (WHITE)
(9' SKIP, 3' DASH)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 8 INCH (WHITE)

R=1000'

1141+76.67
36.00' RT

1142+96.65
24.00' RT

1143+71.28
55.12' RT

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 12 INCH (WHITE)

1144+61.29
72.98' RT

EXIT

EXIT 28B
EB-WP-120
STA 1145+20

EXIT 28B
Paulina St 1700 W
Ashland Ave 1600 W

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	DATE - 1/25/10	REVISED -

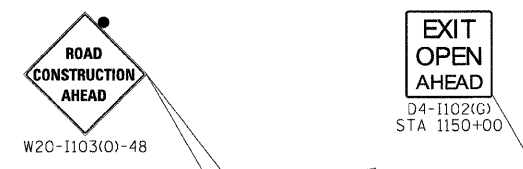
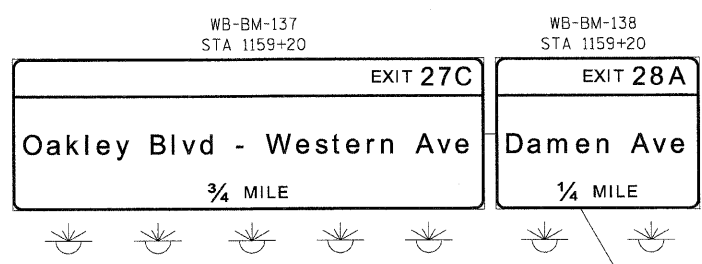
benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

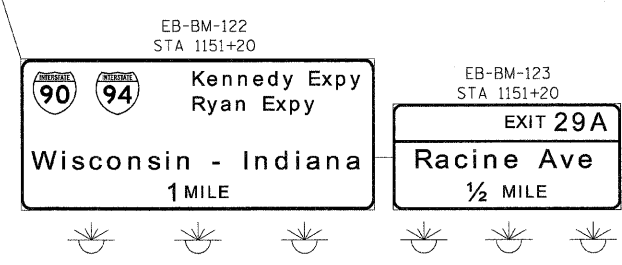
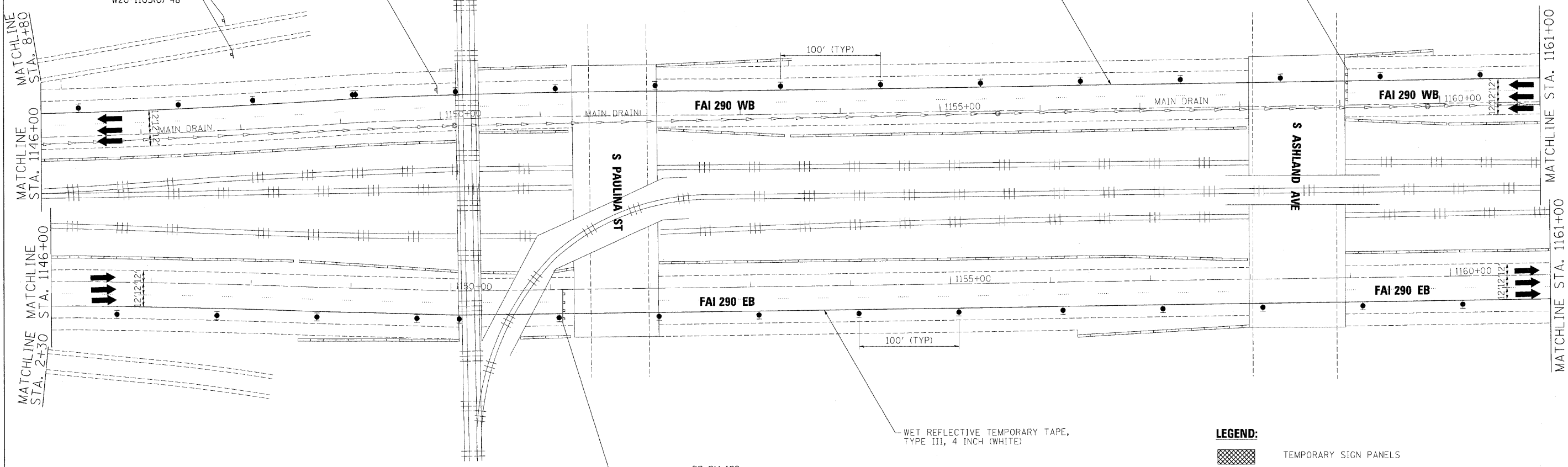
MAINTENANCE OF TRAFFIC
PLAN - STAGE 1

SCALE: 1"=50' SHEET NO. 10 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	58
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K11		



WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH (WHITE)



- 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 - JUT	REVISED -
...\\p1p1n.abc.c3.290...rot.ST.1.20.rdg	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - AJP	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

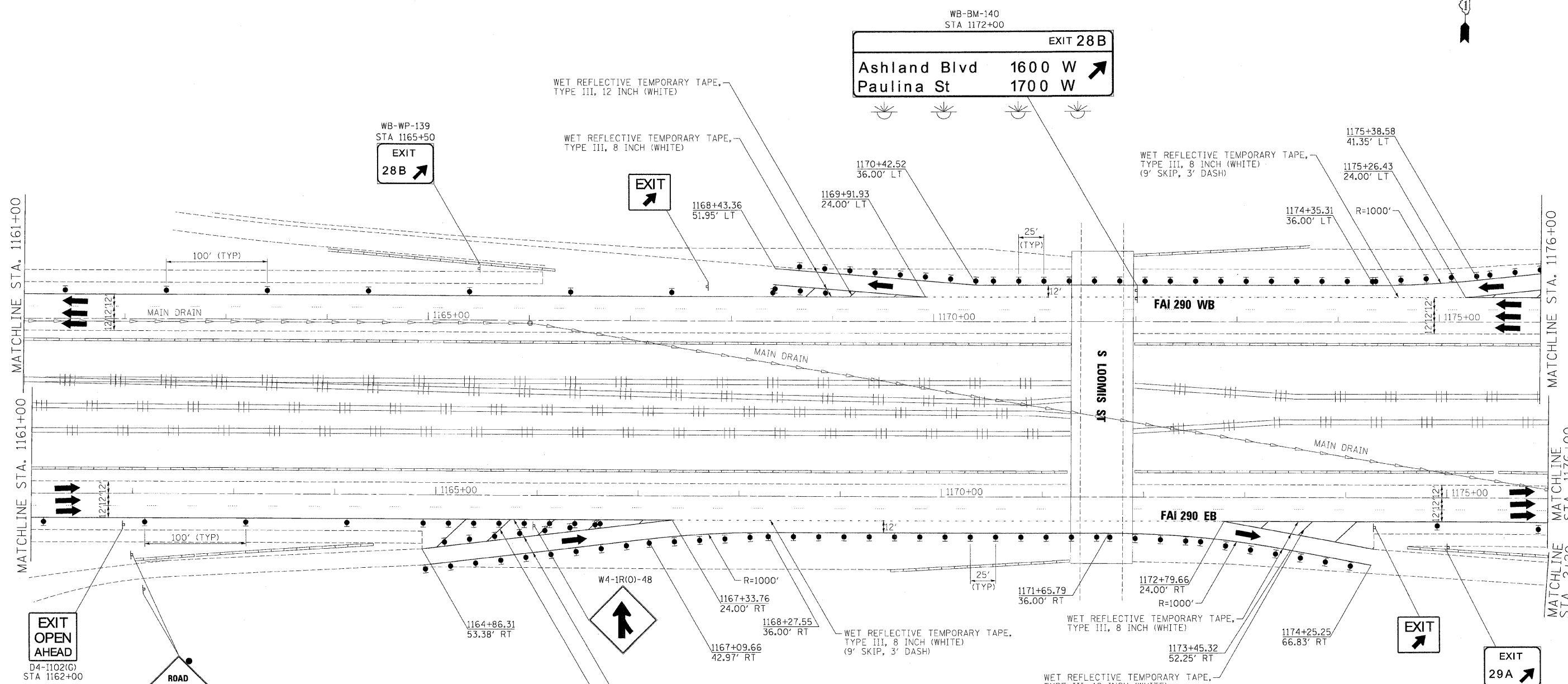
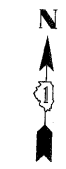
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 11 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	59
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	



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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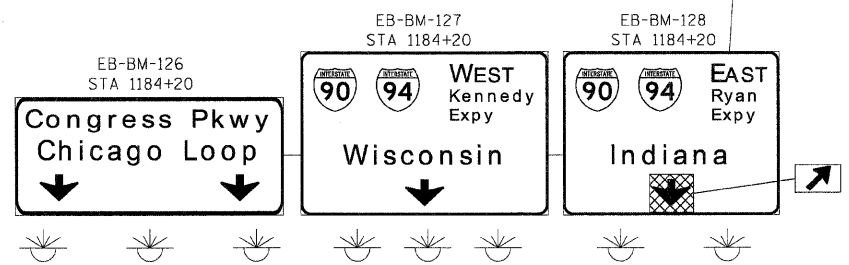
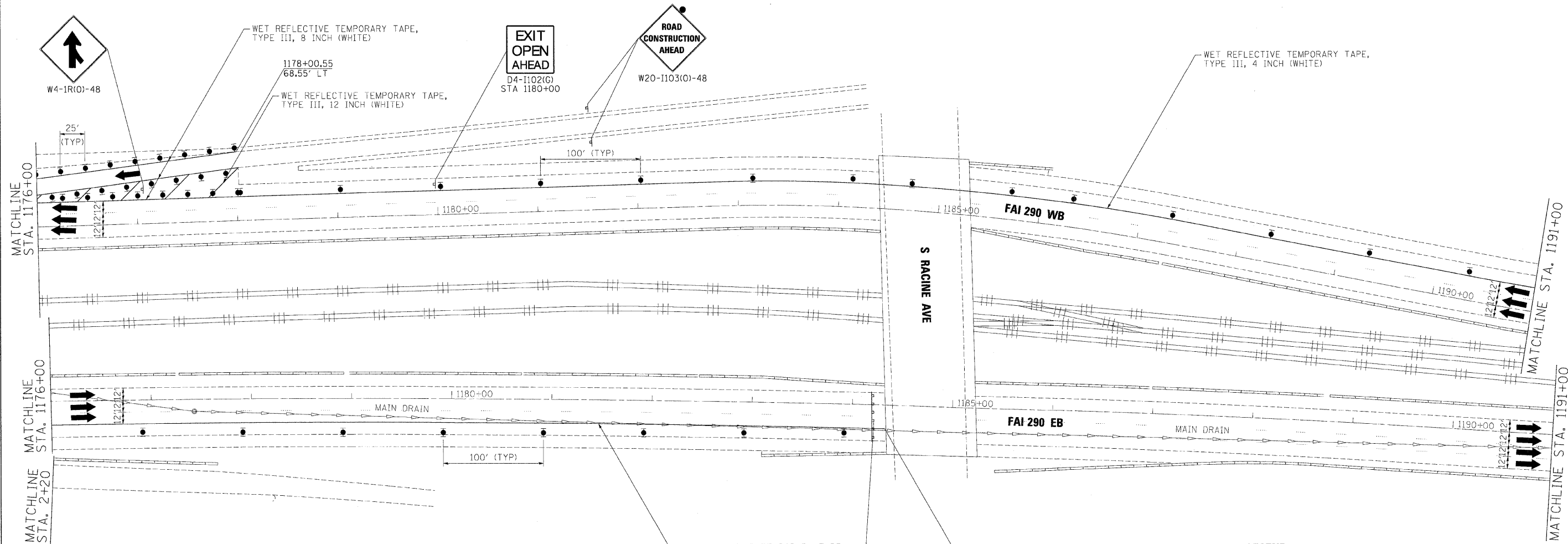
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 12 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	60
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	



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 -
...\\p1p1h_ABC_C3_290_mot.ST.1.22.dgn	DRAWN - TMB	REVISED -
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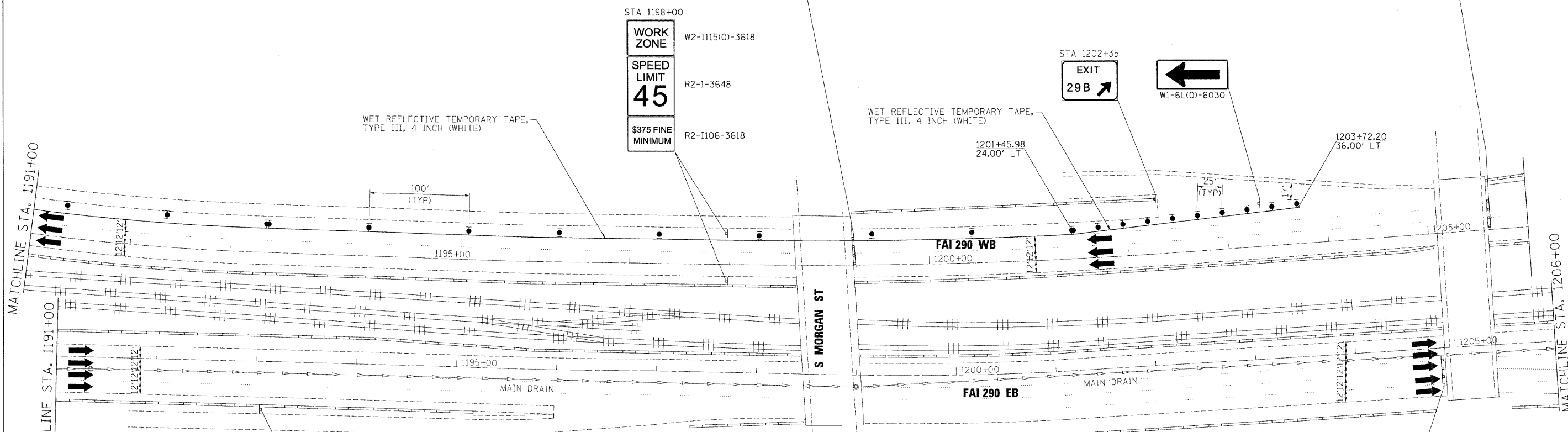
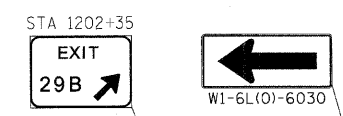
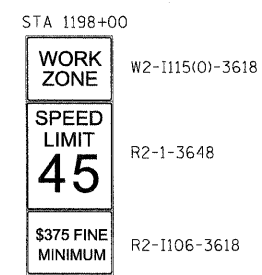
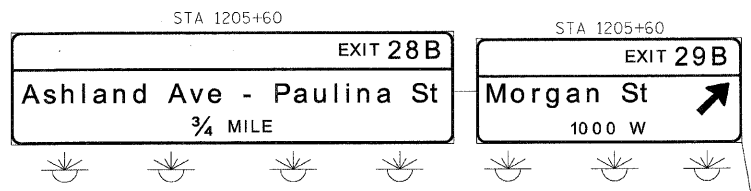
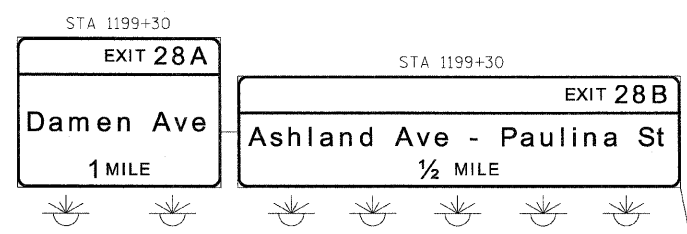
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

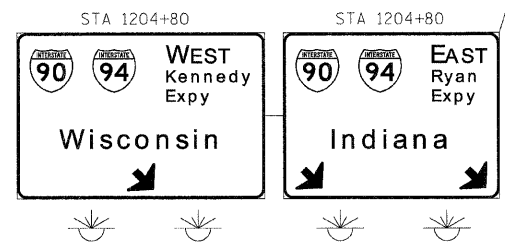
**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 13 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	61
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K11		



- 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\p\h\ABC_C3_290_mat.S1.1.23.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	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. 14 OF 40 SHEETS STA. TO STA.

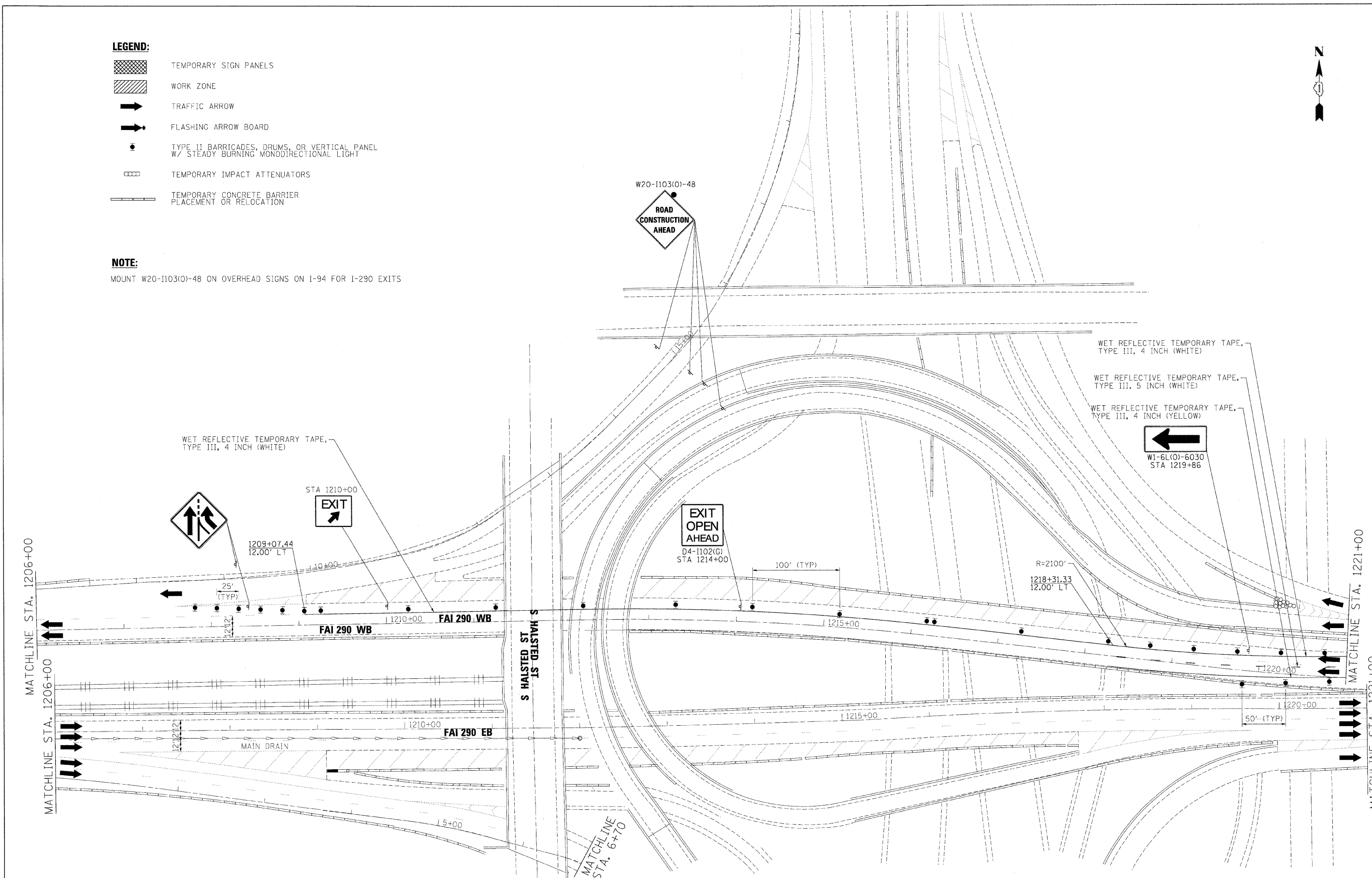
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	62
CONTRACT NO. 60K11				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

NOTE:

MOUNT W20-110310)-48 ON OVERHEAD SIGNS ON I-94 FOR I-290 EXITS



FILE NAME =	DESIGNED - JJT	REVISED -
...\\p1p1n-abc-c3-298-mot-st-1.24.dgn	DRAWN - TMB	REVISED -
USER NAME = jma_jewski	CHECKED - AJP	REVISED -
PLOT DATE = 1/25/2012	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. 15 OF 40 SHEETS STA. TO STA.

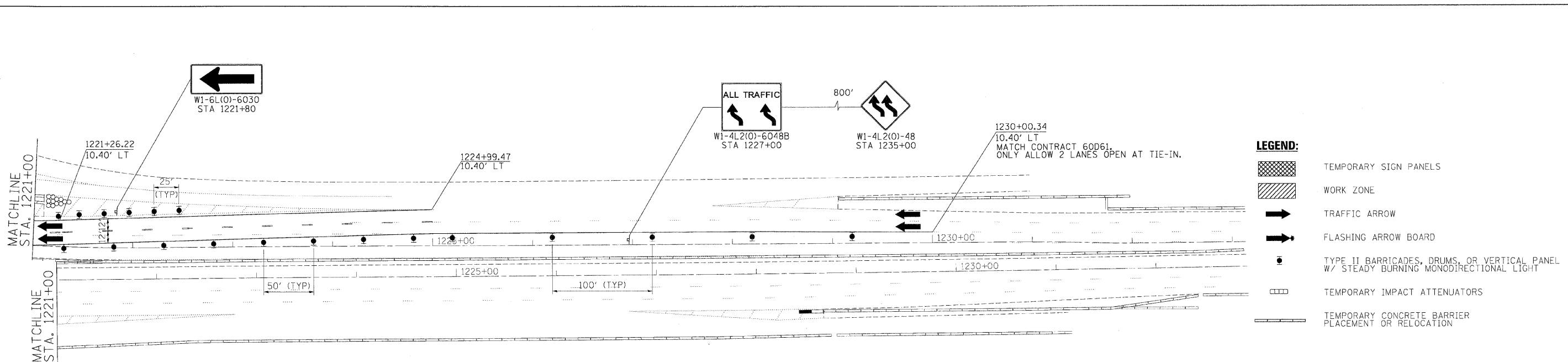
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	63
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K11		

MATCHLINE
STA. 6+70



FOR INFORMATION ONLY

MATCHLINE
STA. 12+50



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_1.25.dgn	DRAWN - TMB	REVISED -
USER NAME - jrajewski	CHECKED - AJP	REVISED -
PLOT DATE - 1/25/2010	DATE - 1/25/10	REVISED -

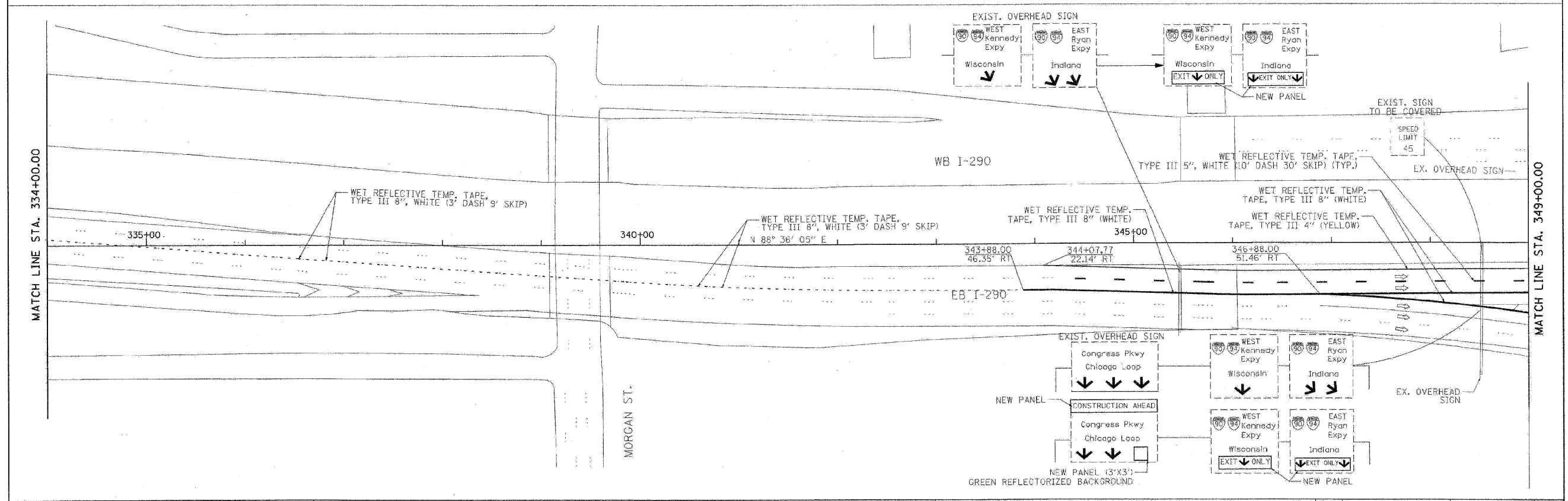
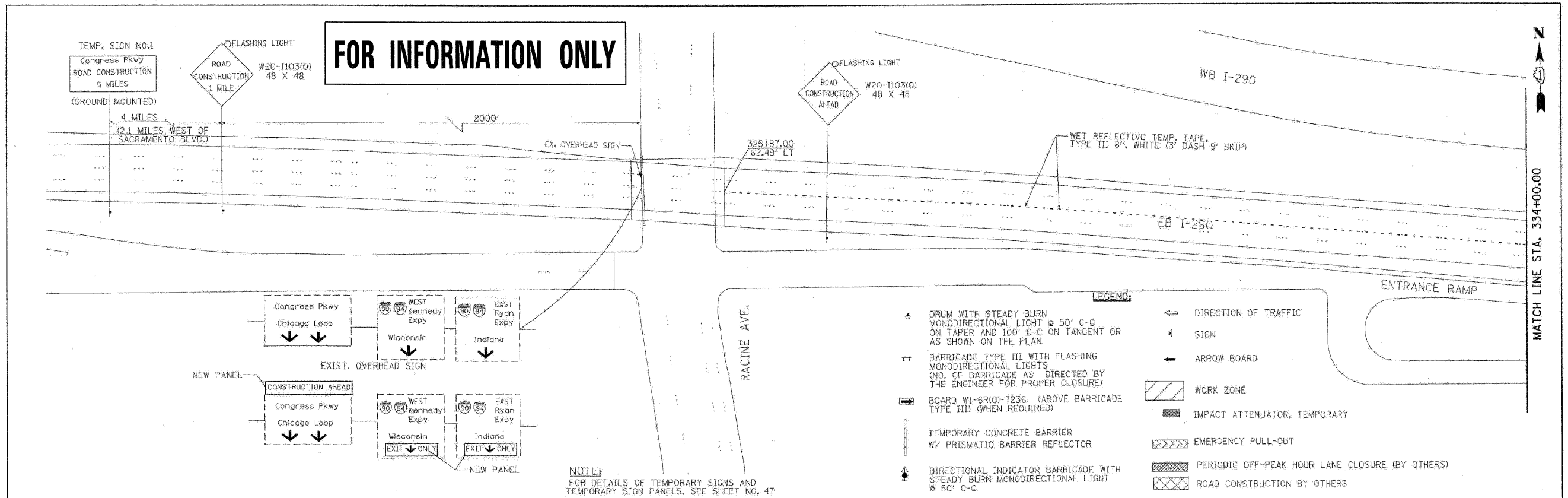
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 16 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	64
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K11	



PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL 60606	USER NAME = #USERS#	DESIGNED - DM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONGRESS PARKWAY OVER SOUTH BRANCH OF THE CHICAGO RIVER SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS - STAGE I	F.A.P. RTE. 389	SECTION 2424-28-R	COUNTY COOK	TOTAL SHEETS 398	SHEET NO. 34		
	FILE NAME = #FILENAME#	DRAWN - MS	REVISED -			SCALE: 1" = 50'	SHEET NO. 34 OF 83 SHEETS	STA. 377+01.00 TO STA. 382+45.28	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	
	PLOT SCALE = #SCALE#	CHECKED - DS	REVISED -			CONTRACT NO. 60D61						
	PLOT DATE = 5/7/2009	DATE = 5/08/09	REVISED -									

FILE NAME = ...p1p1n_ABC.C3.290...rot.ST.1.04.60061.dgn	DESIGNED - AJP	REVISED -
USER NAME = jmajewski	DRAWN - TMB	REVISED -
PLOT DATE = 1/25/2010	CHECKED - JJT	REVISED -
	DATE = 1/25/10	REVISED -

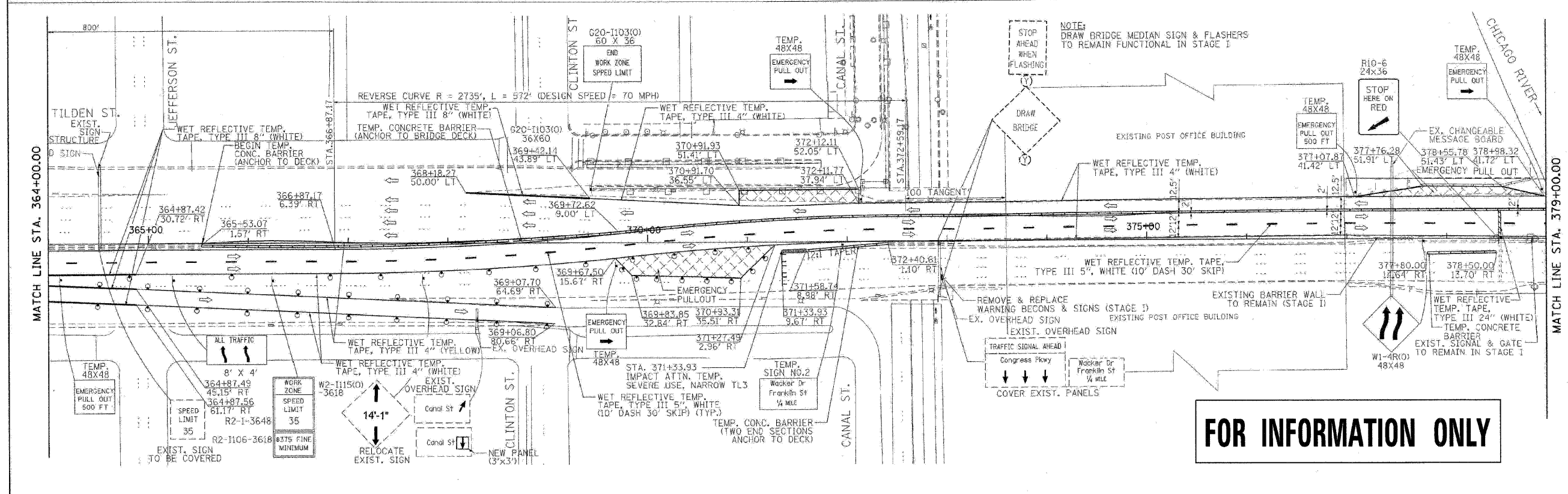
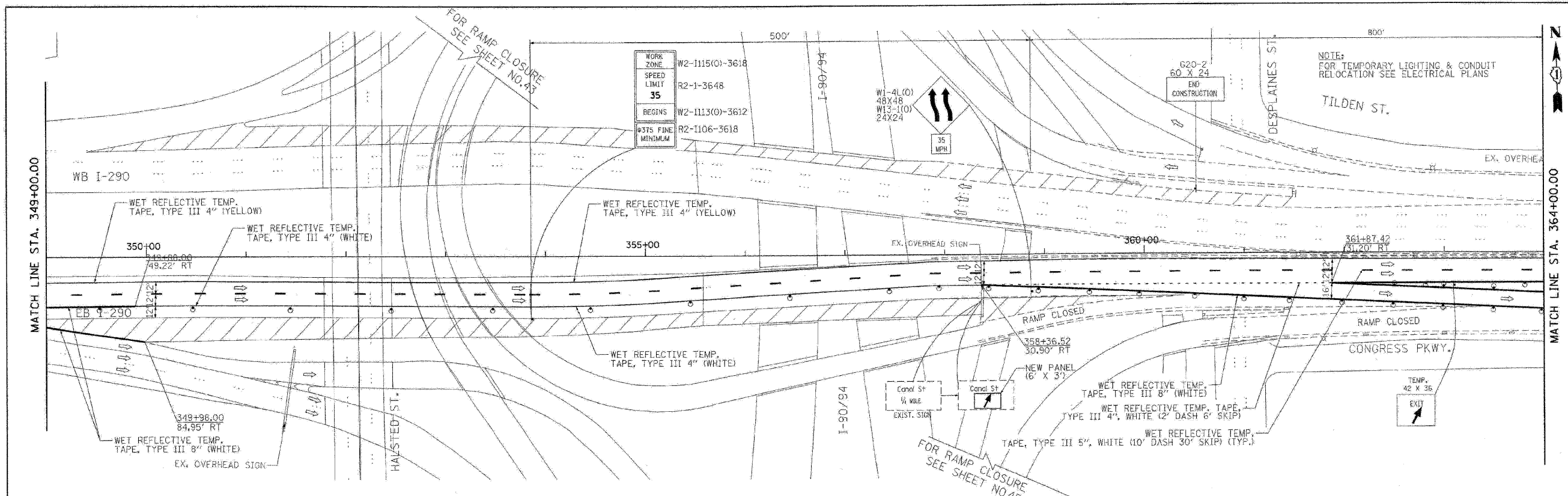
benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PLAN - STAGE 1

SCALE: 1" = 50' SHEET NO. 17 OF 40 SHEETS STA. TO STA.

F.A.I. RTE. 290	SECTION (2525, ETC., 2727)RS-8	COUNTY COOK	TOTAL SHEETS 201	SHEET NO. 65
CONTRACT NO. 60K11				



FOR INFORMATION ONLY

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL 60606

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FILE NAME = #FILENAME#	DRAWN = MS	REVISED =
PLOT SCALE = #SCALE#	CHECKED = DS	REVISED =
PLOT DATE = 5/7/2009	DATE = 5/08/09	REVISED =

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONGRESS PARKWAY OVER SOUTH BRANCH OF THE CHICAGO RIVER
SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL PLANS - STAGE I**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
369	2424-2B-R	COOK	398	35
CONTRACT NO. 60D61				

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USER NAME = jmjewski	CHECKED = JJT	REVISED =
PLOT DATE = 1/25/2010	DATE = 1/25/10	REVISED =

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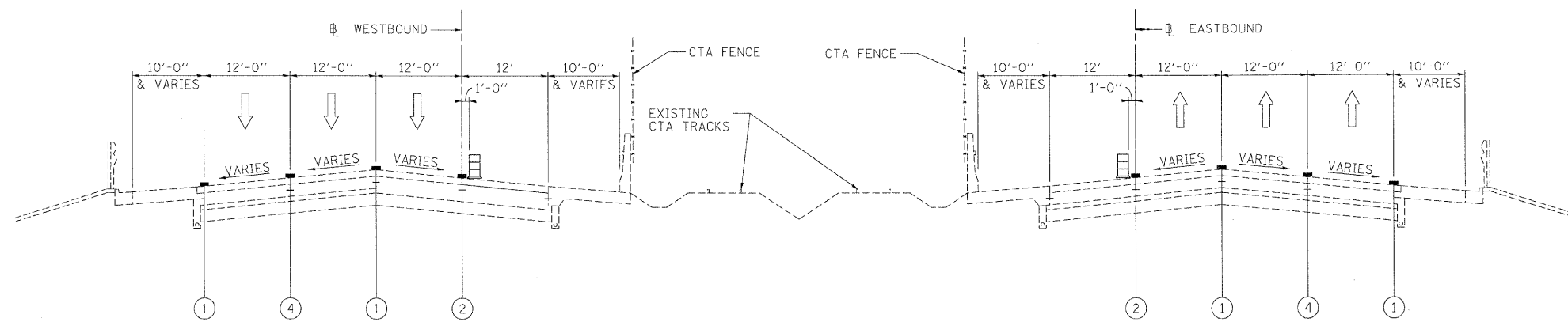
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 18 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	66
CONTRACT NO. 60K11				






WESTBOUND
STA 1072+00 TO STA 1209+00

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

EASTBOUND
STA 1072+00 TO STA 1184+33

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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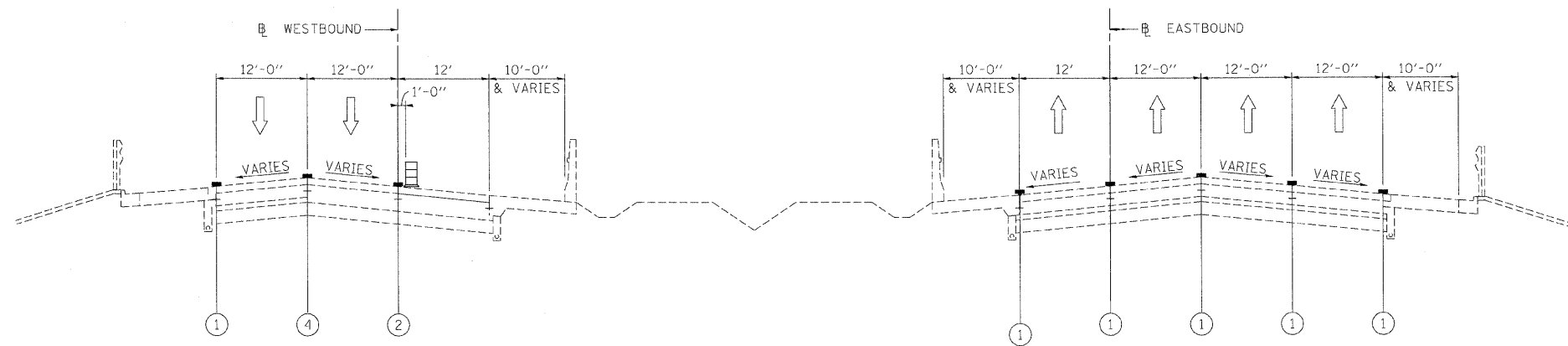
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: N.T.S. SHEET NO. 19 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	67
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K11		






WESTBOUND
 STA 1209+00 TO STA 1230+00
 MATCH CONTRACT 60D61

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

EASTBOUND
 1184+33 TO STA 1205+00 (END OF CONTRACT)
 SEE CONTRACT 60D61 FOR STAGING BY OTHERS

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

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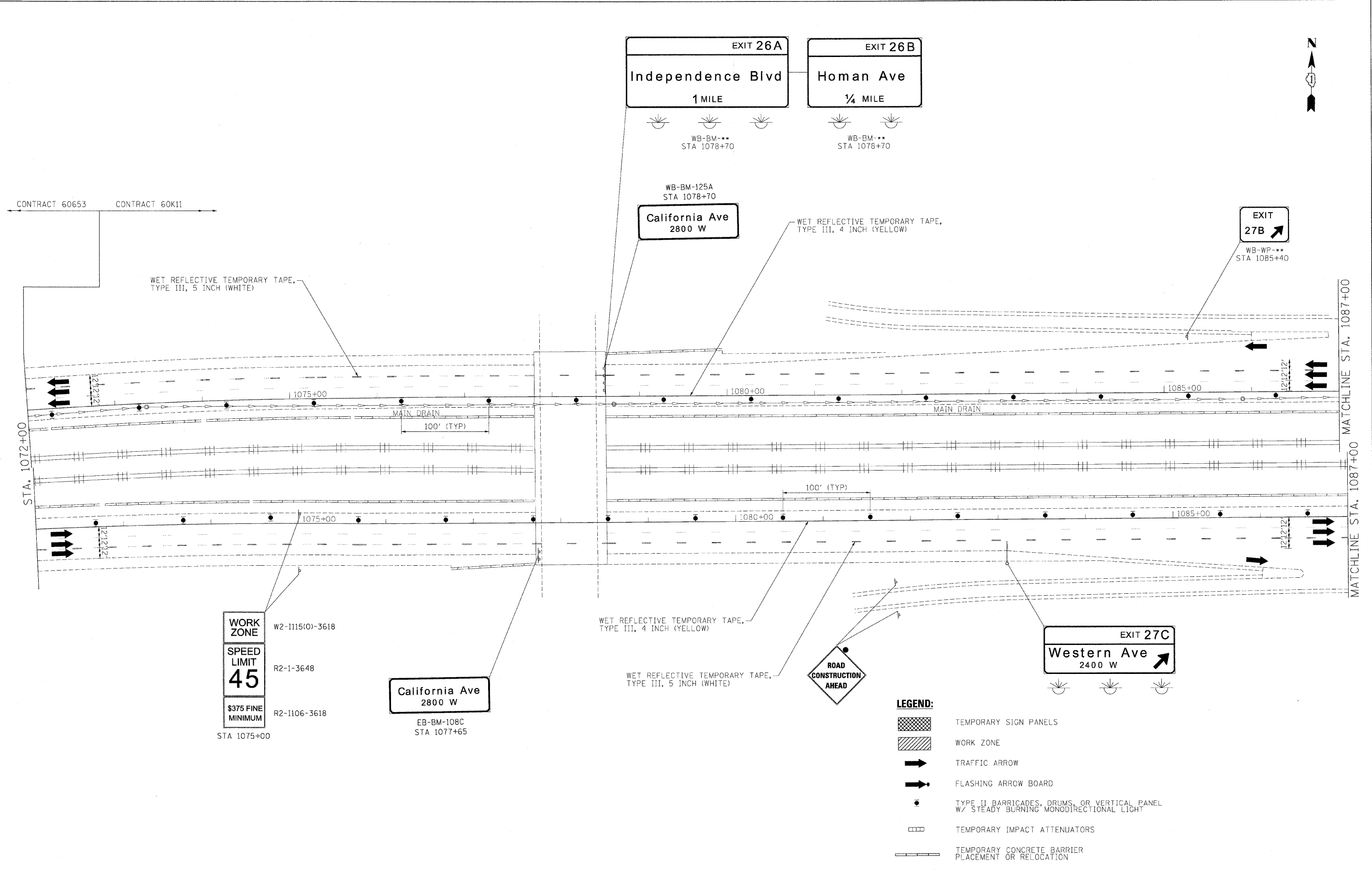
benesch

**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	(2525, ETC., 2727RS-B	COOK	201	68
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	



- 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	DATE - 1/25/10	REVISED -

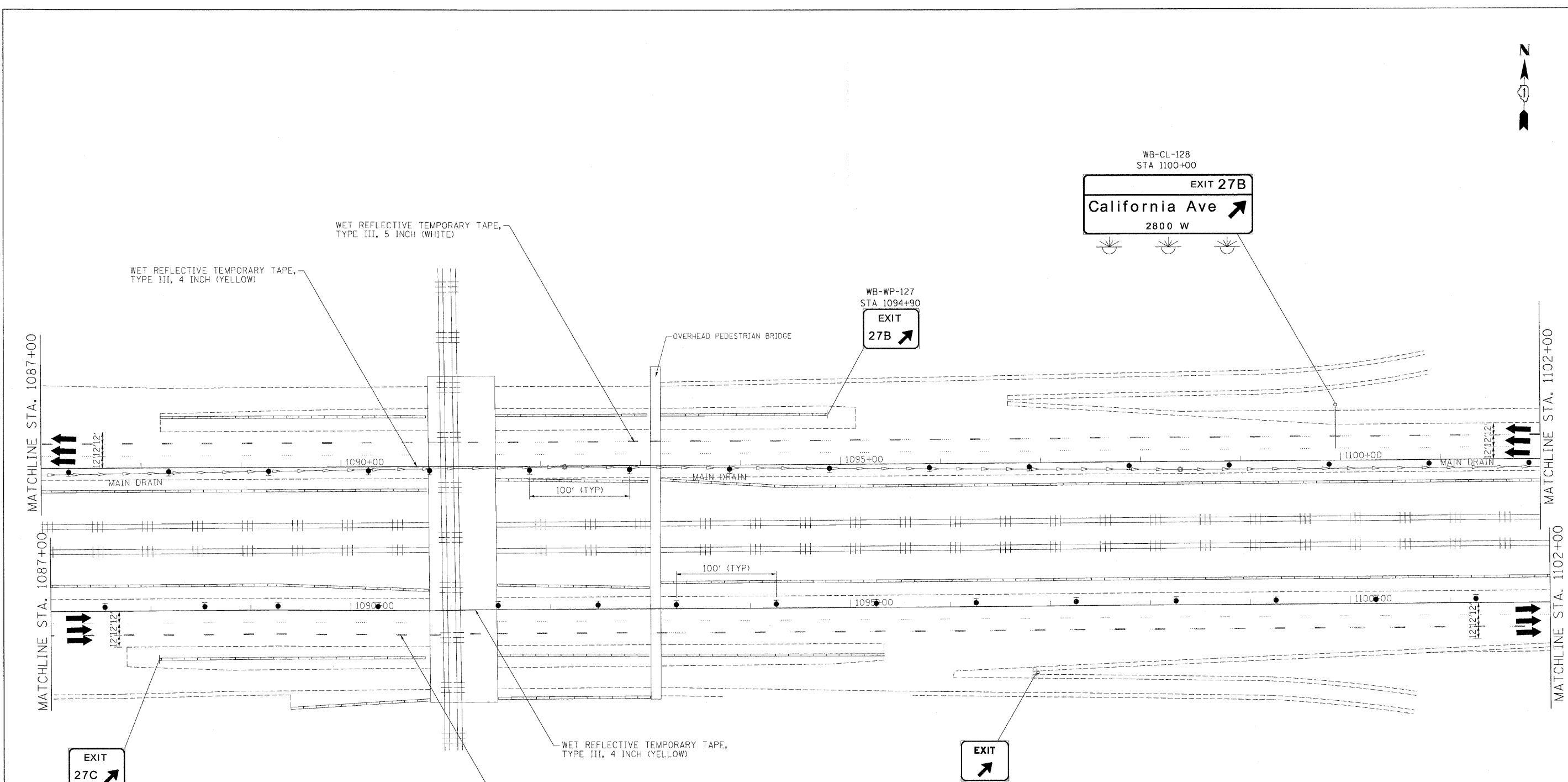
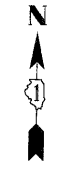
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 21 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	69
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K11	



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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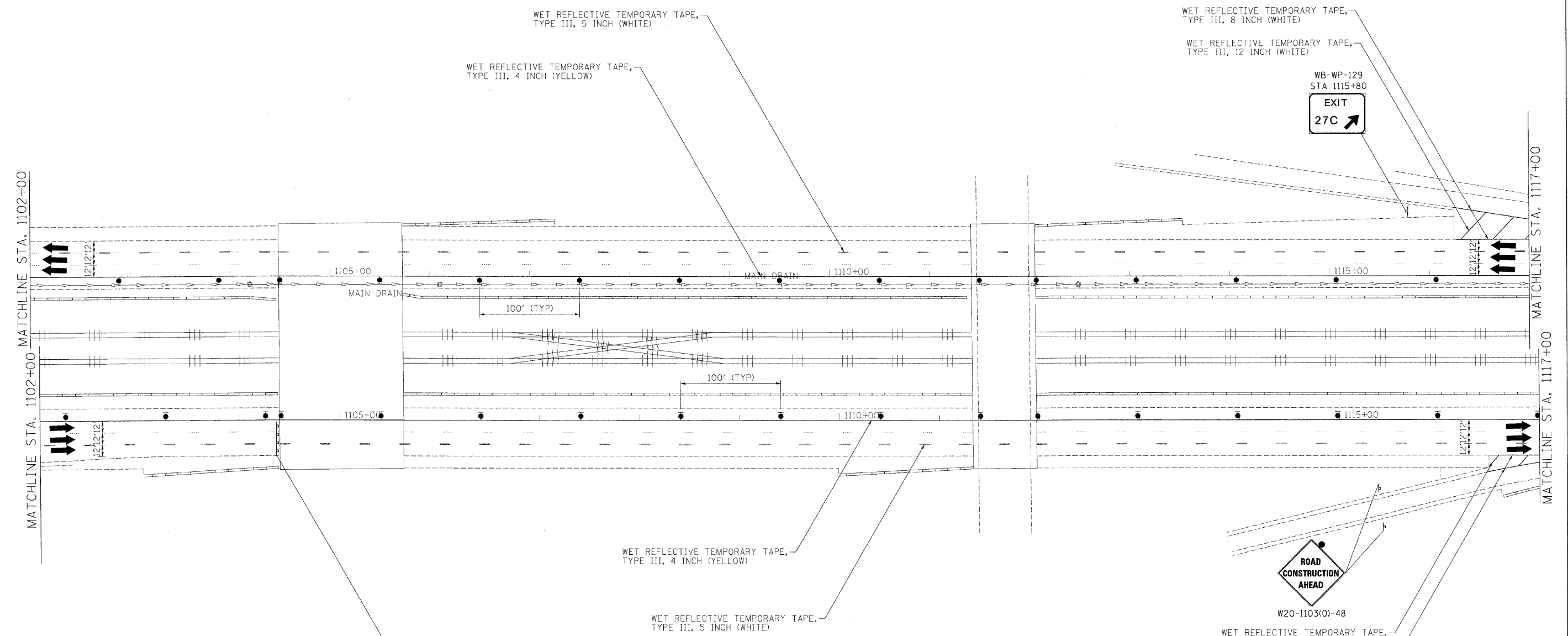
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 22 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	70
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K11	



- 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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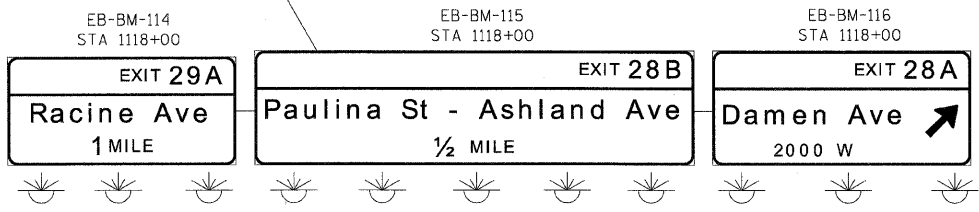
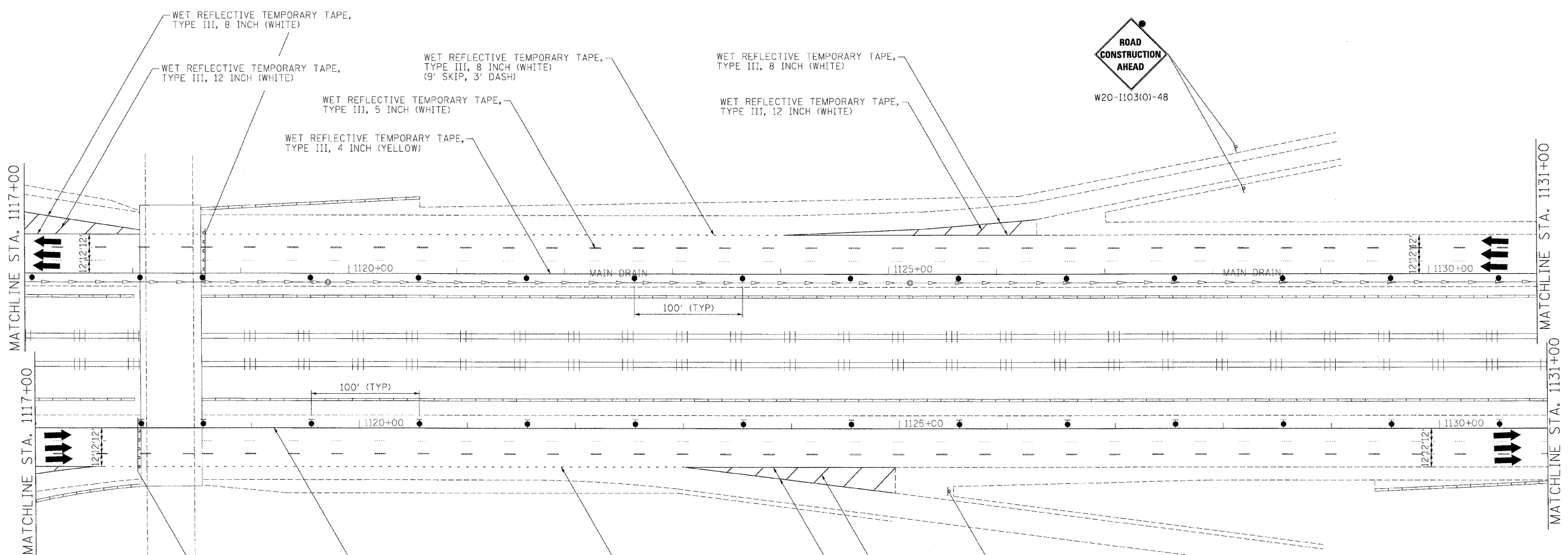
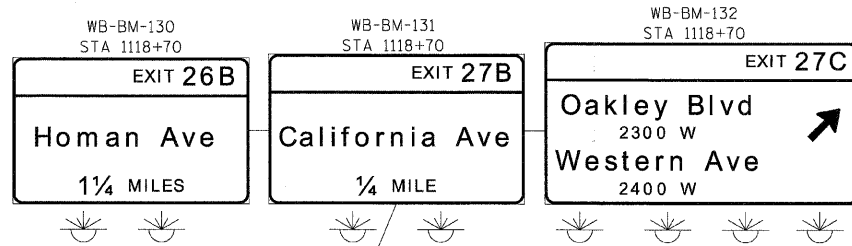
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 23 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	71
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	



- 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 -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 24 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	72
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K11	



WB-BM-133
STA 1132+20
EXIT 27B
California Ave
1/2 MILE

WB-BM-134
STA 1132+20
EXIT 27C
Oakley Blvd - Western Ave
1/4 MILE

WB-WP-135
STA 1137+50
EXIT 28A

EXIT 28A
Damen Ave
2000 W

EXIT 28B
EB-WP-120
STA 1145+20

EXIT 28B
Paulina St 1700 W
Ashland Ave 1600 W

W20-1103(O)-48
**ROAD
CONSTRUCTION
AHEAD**

MATCHLINE STA. 1131+00

MATCHLINE STA. 1146+00
MATCHLINE STA. 8+80
MATCHLINE STA. 1146+00
MATCHLINE STA. 2+30

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 8 INCH (WHITE)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 12 INCH (WHITE)

WB-WP-135
STA 1137+50

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 8 INCH (WHITE)
(9' SKIP, 3' DASH)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 5 INCH (WHITE)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 4 INCH (YELLOW)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 8 INCH (WHITE)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 12 INCH (WHITE)

EXIT 28A
Damen Ave
2000 W

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 12 INCH (WHITE)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 8 INCH (WHITE)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 4 INCH (YELLOW)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 12 INCH (WHITE)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 8 INCH (WHITE)

WET REFLECTIVE TEMPORARY TAPE,
TYPE III, 5 INCH (WHITE)

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	DATE - 1/25/10	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 25 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727RS-B	COOK	201	73
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



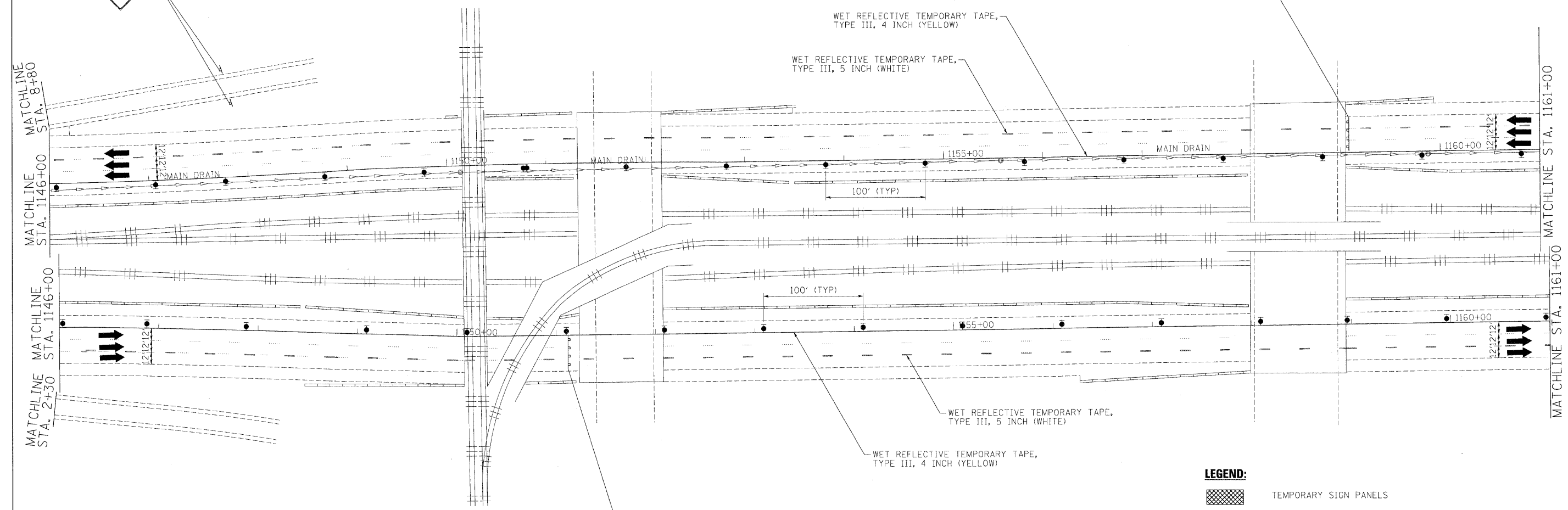
WB-BM-137
STA 1159+20

WB-BM-138
STA 1159+20

EXIT 27C
Oakley Blvd - Western Ave
¾ MILE

EXIT 28A
Damen Ave
¼ MILE

W20-1103(0)-48



EB-BM-122
STA 1151+20

90 94
Kennedy Expy
Ryan Expy
Wisconsin - Indiana
1 MILE

EB-BM-123
STA 1151+20

EXIT 29A
Racine Ave
½ 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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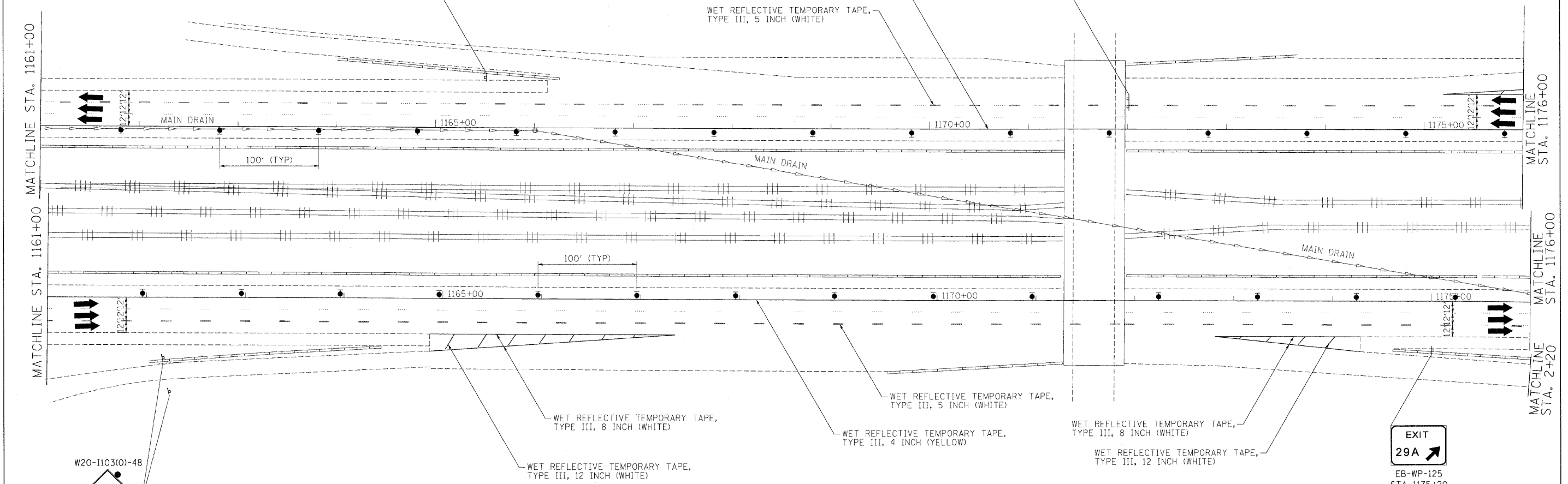
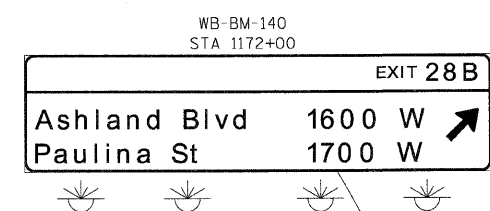
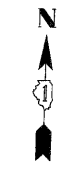
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 26 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 272)RS-8	COOK	201	74
CONTRACT NO. 60K11			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 -
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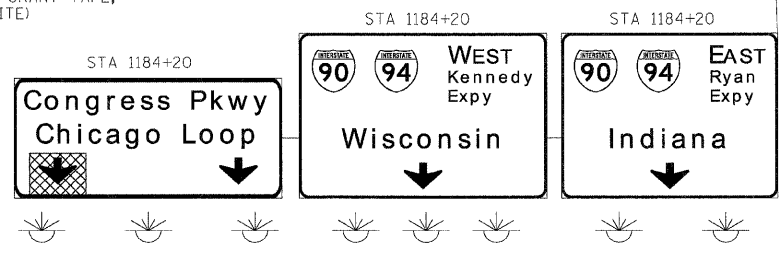
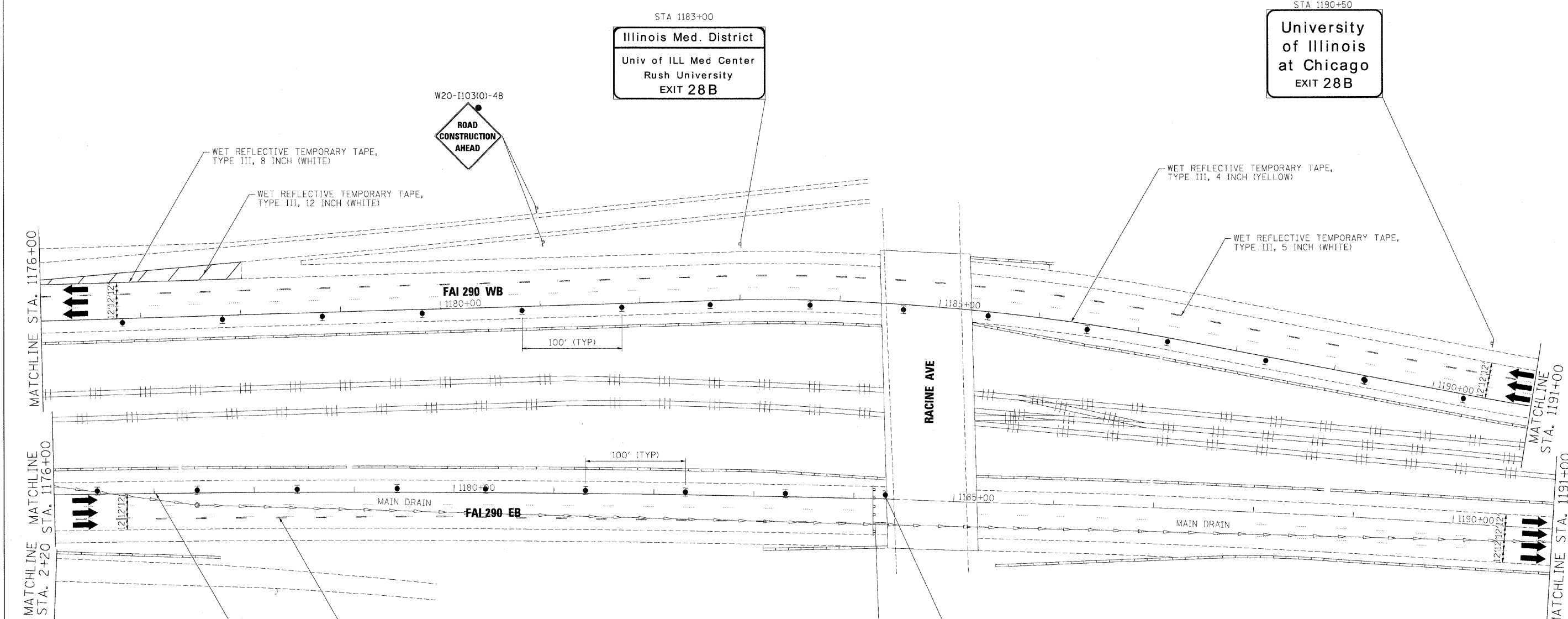
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 27 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	75
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	



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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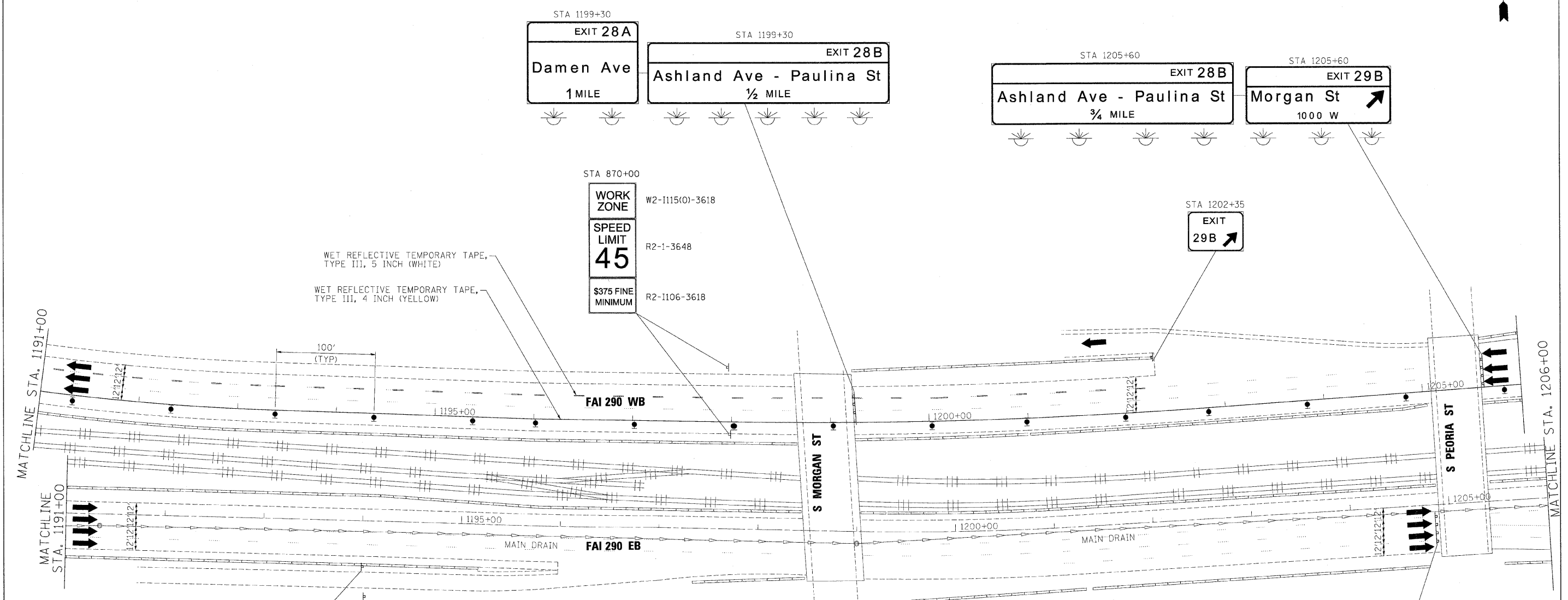
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 28 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	76
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K11	



STA 870+00

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

- 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

STA 1204+80

		WEST Kennedy Expy	STA 1204+80			EAST Ryan Expy
Wisconsin				Indiana		

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

benesch








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

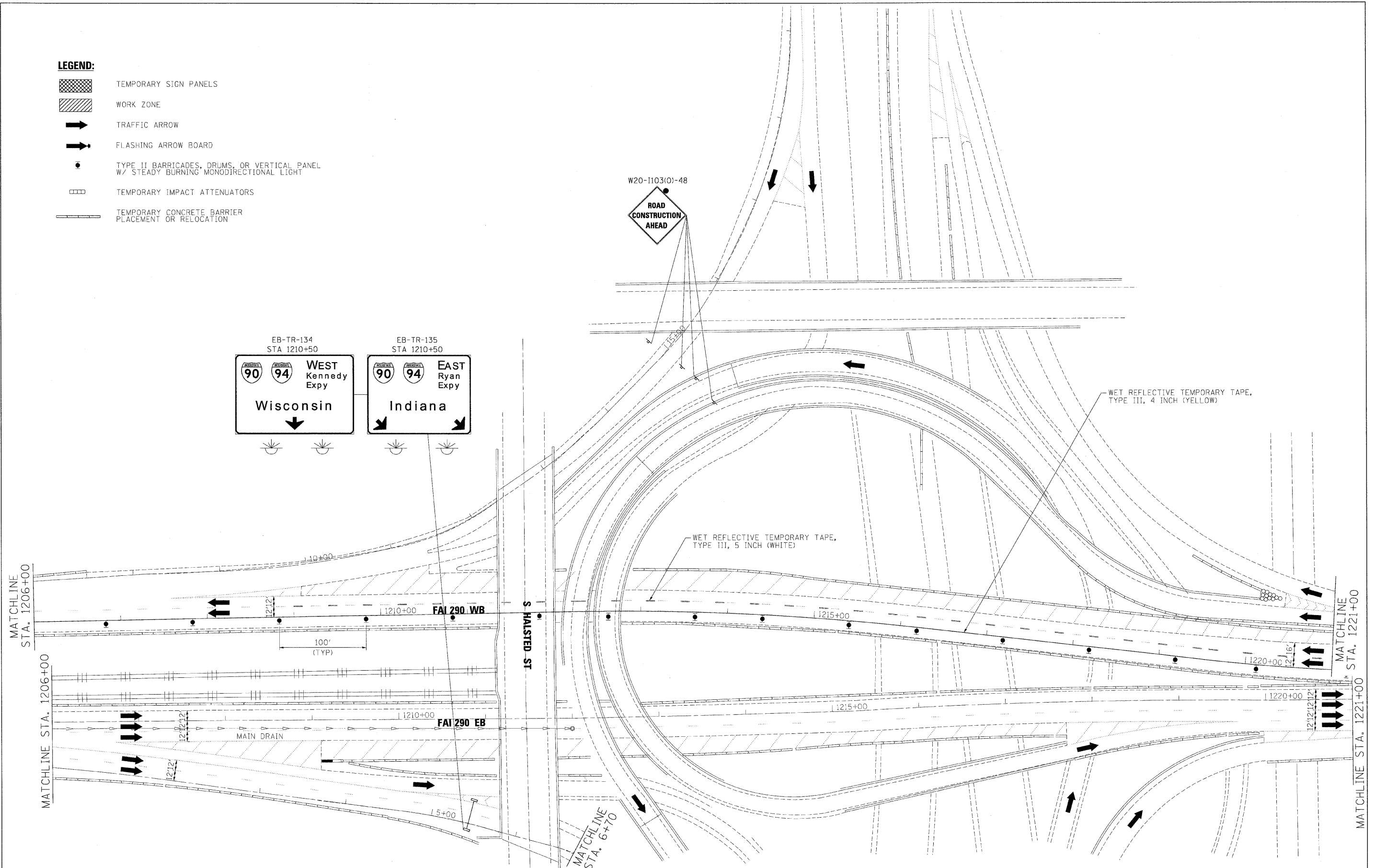
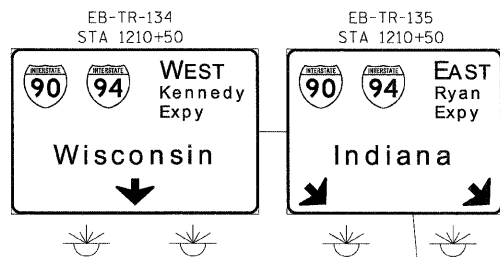
**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 29 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	77
CONTRACT NO. 60K11				
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 - AJP	REVISED -
USER NAME = jmajewski	DRAWN - TMB	REVISED -
PLOT DATE = 1/25/2010	CHECKED - JJT	REVISED -
	DATE - 1/25/10	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 30 OF 40 SHEETS STA. TO STA.

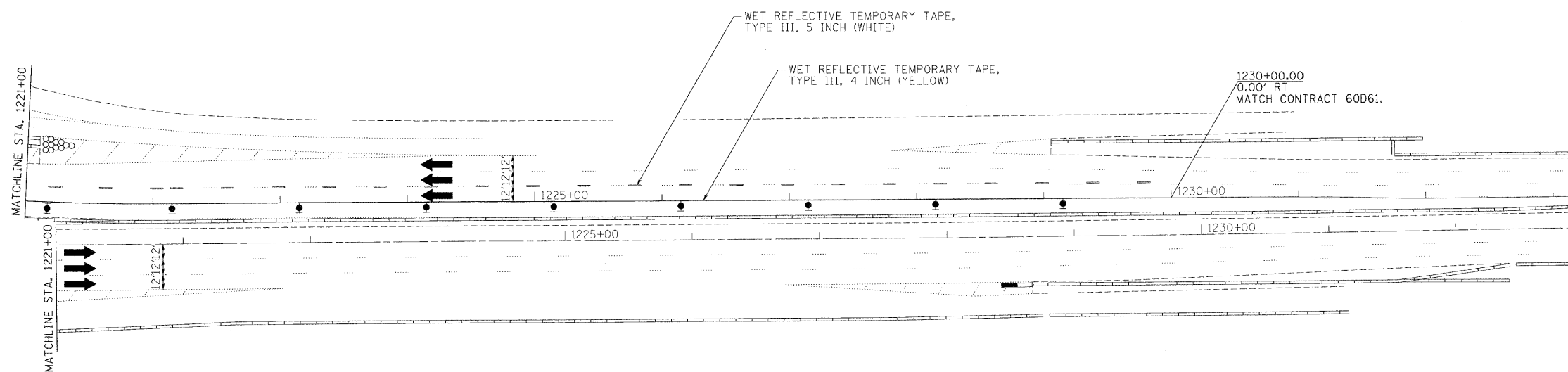
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2T27)RS-8	COOK	201	78
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60K11	








MATCHLINE
STA. 6+70



FOR INFORMATION ONLY

MATCHLINE
STA. 12+50



- 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_mct.ST.2.25.dgn	DRAWN - TMB	REVISED -
USER NAME = jrajewski	CHECKED - AJP	REVISED -
PLOT DATE = 1/25/2018	DATE - 1/25/10	REVISED -

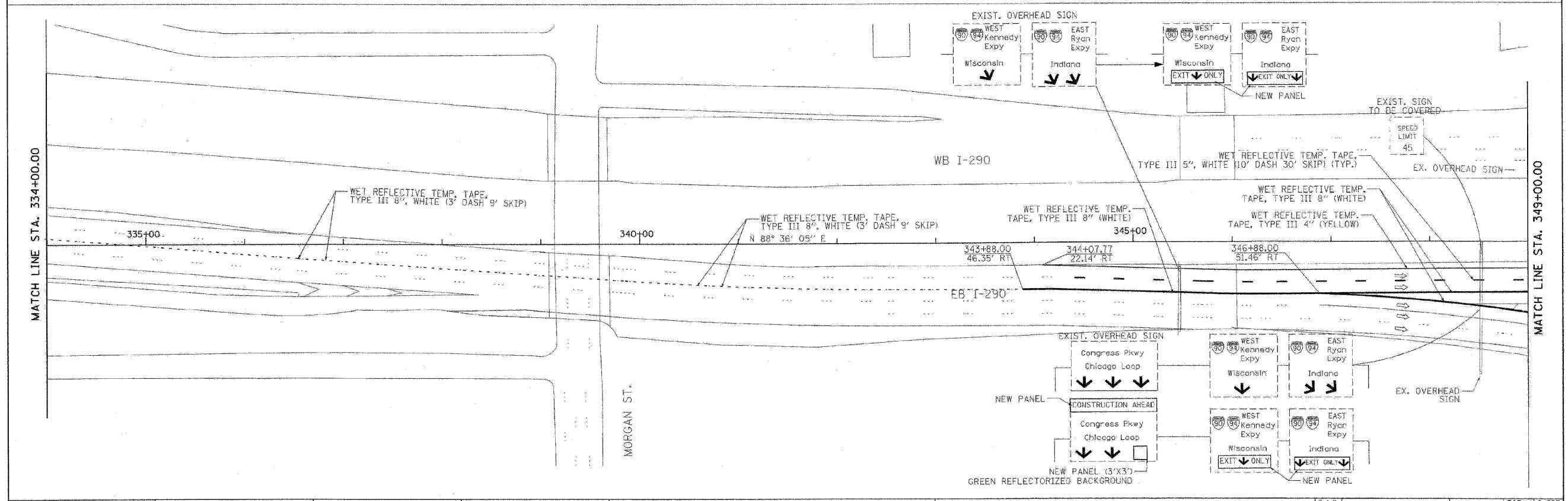
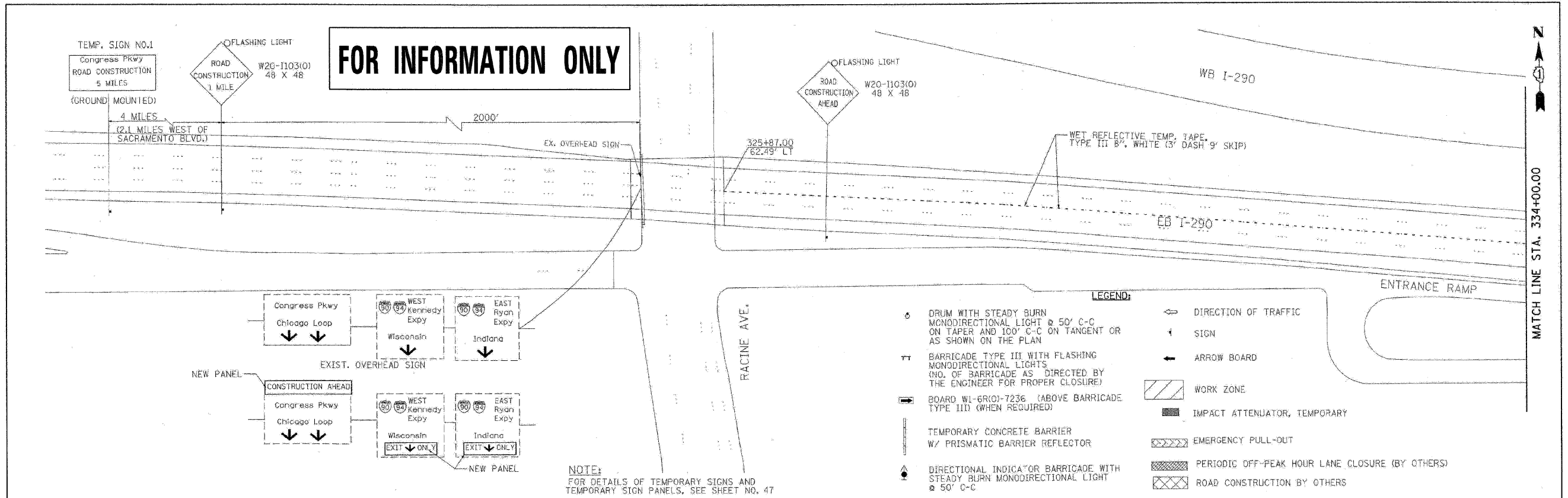
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 31 OF 40 SHEETS STA. TO STA.

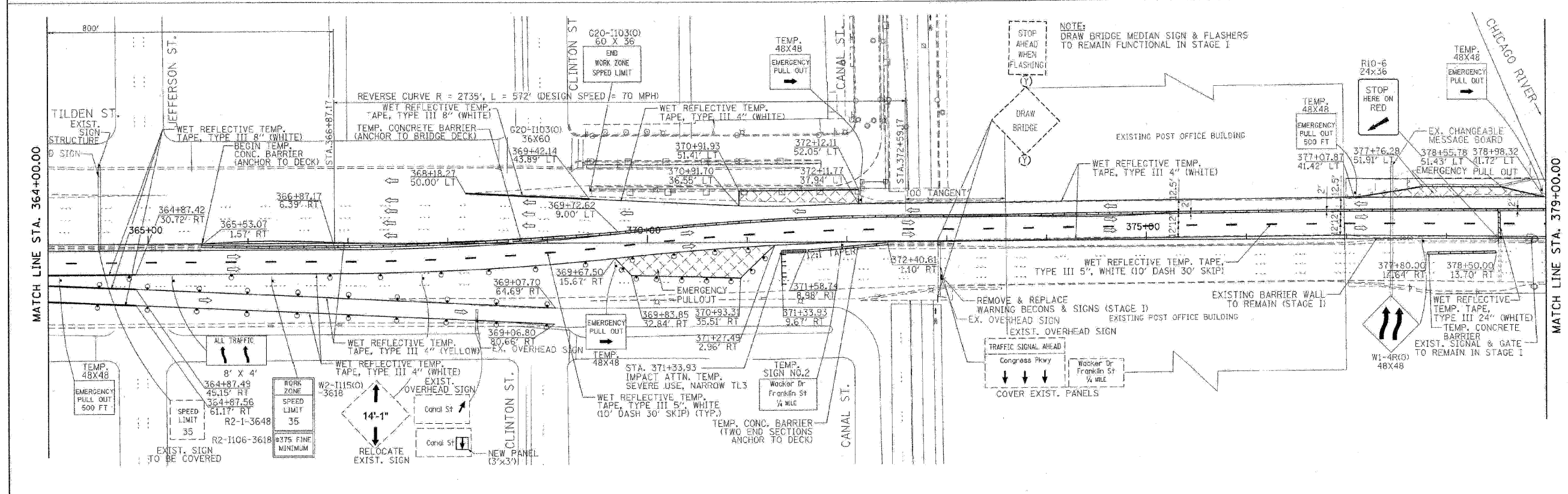
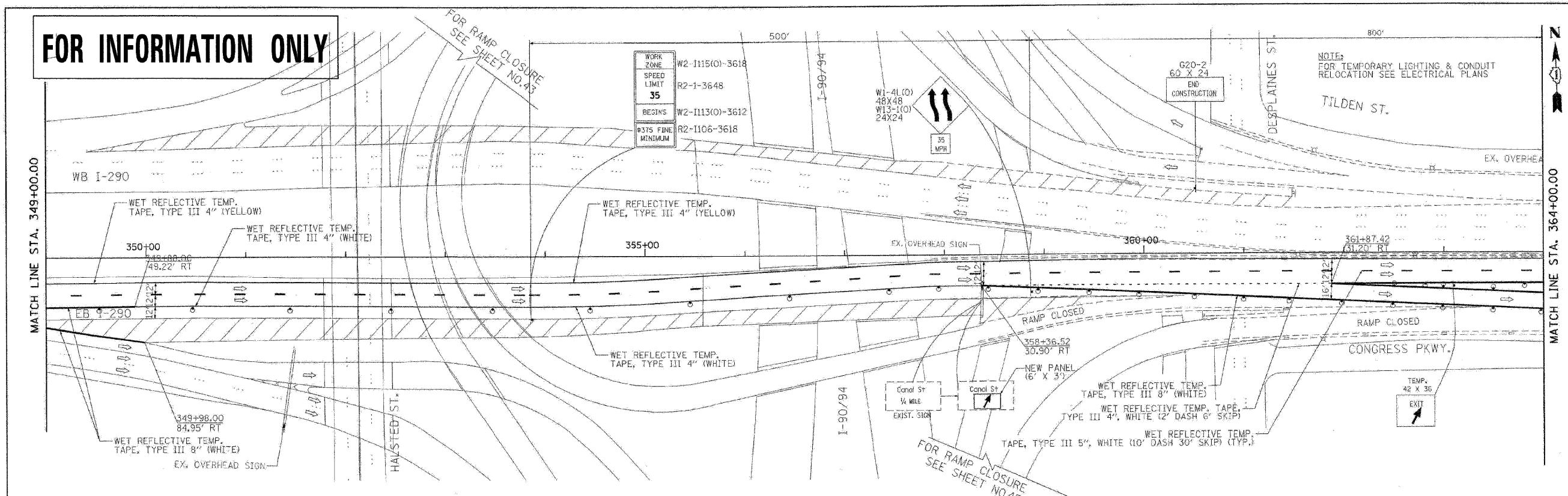
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727RS-8	COOK	201	79
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	



PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL. 60606	USER NAME * #USER#	DESIGNED - DM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONGRESS PARKWAY OVER SOUTH BRANCH OF THE CHICAGO RIVER SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS - STAGE I	F.A.P. RTE. 389	SECTION 2424-28-R	COUNTY COOK	TOTAL SHEETS 398	SHEET NO. 34			
	FILE NAME * #FILENAME#	DRAWN - MS	REVISED -			SCALE: 1" = 50'	SHEET NO. 34 OF 83 SHEETS	STA. 377+01.00 TO STA. 382+45.28	CONTRACT NO. 60D61				
	PLOT SCALE * #SCALE#	CHECKED - DS	REVISED -			FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							
	PLOT DATE * #DATE#	DATE - 5/08/09	REVISED -										

FILE NAME *	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLAN - STAGE 2	F.A.I. RTE. 290	SECTION (2525, ETC., 2727RS-8)	COUNTY COOK	TOTAL SHEETS 201	SHEET NO. 80			
... \p\p\in_ABC_C3_290_mot_ST_2_04_08061.dgn	DRAWN - TMB	REVISED -				SCALE: 1" = 50'	SHEET NO. 32 OF 40 SHEETS	STA. TO STA.	CONTRACT NO. 60K11				
USER NAME * #USER#	CHECKED - JJT	REVISED -				FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT							
PLOT DATE * #DATE#	DATE - 1/25/10	REVISED -											

FOR INFORMATION ONLY



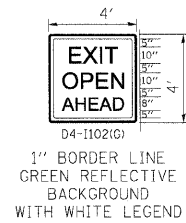
PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL. 60606	USER NAME = BURFR	DESIGNED = DM	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONGRESS PARKWAY OVER SOUTH BRANCH OF THE CHICAGO RIVER SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS - STAGE I	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = #FILENAME#	DRAWN = MS	REVISED =			389	2424-2B-R	COOK	398	35
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	PLOT DATE = #DATE#	DATE = 5/08/09	REVISED =			SCALE: 1" = 50'				

FILE NAME =	DESIGNED = AJP	REVISED =	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLAN - STAGE 2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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USER NAME = jmjewski	CHECKED = JJT	REVISED =				CONTRACT NO. 60K11				
PLOT DATE = 1/25/2018	DATE = 1/25/10	REVISED =				SCALE: 1" = 50'				

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 RAMPS 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 ERECTED 500' IN ADVANCE OF THE TAPER.
- THE CONTRACTOR SHALL ERECT ROAD CONSTRUCTION AHEAD SIGNS (W20-1103(0-48)) WITH FLASHING BEACON ON ALL ARTERIAL ROADWAYS APPROACHING INTERCHANGE RAMPS.
- 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 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.

- 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

- EXISTING PAVEMENT MARKING
 - EPOXY PAVEMENT MARKING - LINE 5" (WHITE 10' DASH, 30' SKIP)
 - EPOXY PAVEMENT MARKING - LINE 4" (YELLOW LEFT & WHITE RIGHT)
 - 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

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.

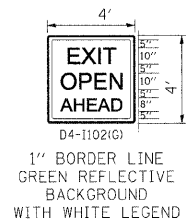
THE CONTRACTOR SHALL STAGE RESURFACING OPERATIONS SUCH THAT THE CROSS SLOPE FROM THE CROWN OF THE ROADWAY TO THE OUTSIDE EDGE OF THE SHOULDER WILL NOT TRAP WATER ON OPEN TRAFFIC LANES.

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.
...\\prpIn-ABC-C3_ml_mot_twp.st.3.01.dgn	DRAWN - DMS	REVISED -			290	(2525, ETC., 2727)RS-8	COOK	201	82			
USER NAME = jmajewski	CHECKED - CAR	REVISED -			CONTRACT NO. 60K11							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE:	SHEET NO. 34 OF 40 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 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".
- 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.
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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.

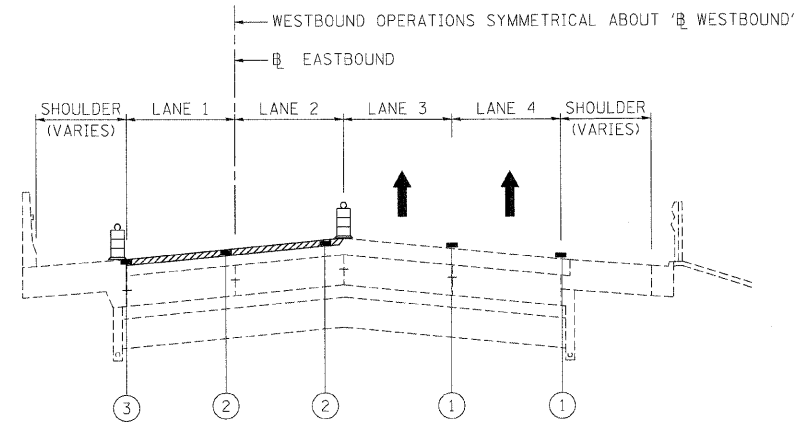


SIGN SHALL BE INSTALLED ON BOTH SIDES OF THE ROADWAY 500' IN ADVANCE OF AREAS WHERE THERE IS A GRADE DIFFERENTIAL BETWEEN LANES, AFTER EACH ENTRANCE RAMP AND A MINIMUM OF EVERY MILE.

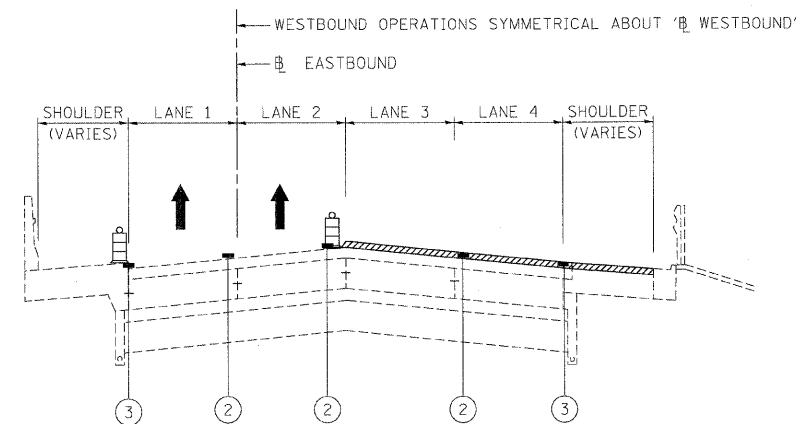
- THE CONTRACTOR SHALL COORDINATE THE ROADWAY AND STRUCTURAL WORK SO BITUMINOUS MATERIALS ARE NOT TRACKED ON THE BRIDGE DECKS BEFORE BEING SEALED.
- "EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS" SHALL BE INSTALLED ON MAINLINE ROADWAY DURING STAGE III OPERATIONS, IN LOCATIONS WHERE LETTERS/SYMBOLS PAVEMENT 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 ONE - I-290
BITUMINOUS SURFACE REMOVAL 2" - LANES 1 & 2



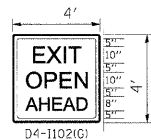
STAGE III - OPERATION TWO - I-290
BITUMINOUS SURFACE REMOVAL 2" - LANES 3, 4, AUXILLARY LANE & SHOULDER

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.
...prpln_ABC_C3_m1_mot_tgp.st.3.02.dgn	DRAWN - DMS	REVISED -			290	(2525, ETC., 2727)RS-8	COOK	201	83			
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PLDT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE:	SHEET NO. 35 OF 40 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 PER STANDARDS 701400, 701401 AND 701446.
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- OMIT STAGE III OPERATIONS THROUGH BRIDGE AND CONCRETE SECTIONS.
- SIGNS SHALL BE INSTALLED AS INSTRUCTED BELOW.



1" BORDER LINE
GREEN REFLECTIVE
BACKGROUND
WITH WHITE LEGEND

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.

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- WORK ZONE SPEED LIMIT SIGNS SHALL REMAIN IN PLACE UNTIL ALL BINDER IS PLACED.

LEGEND

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- 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.



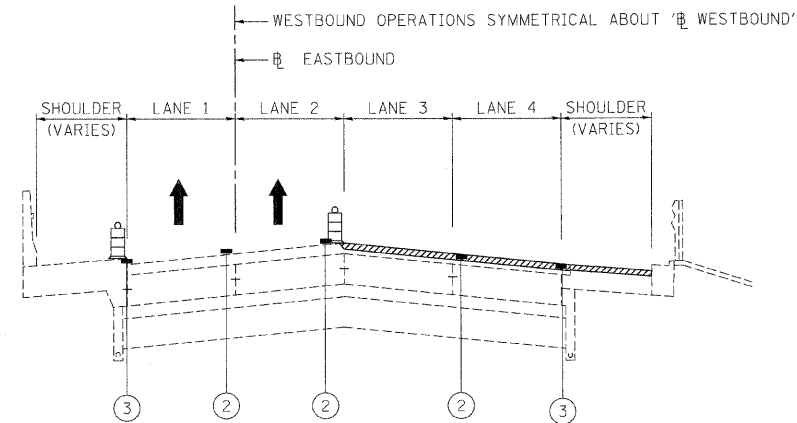
TYPE II BARRIER, DRUM, OR VERTICAL
BARRICADE WITH STEADY BURN
MONODIRECTIONAL LIGHT



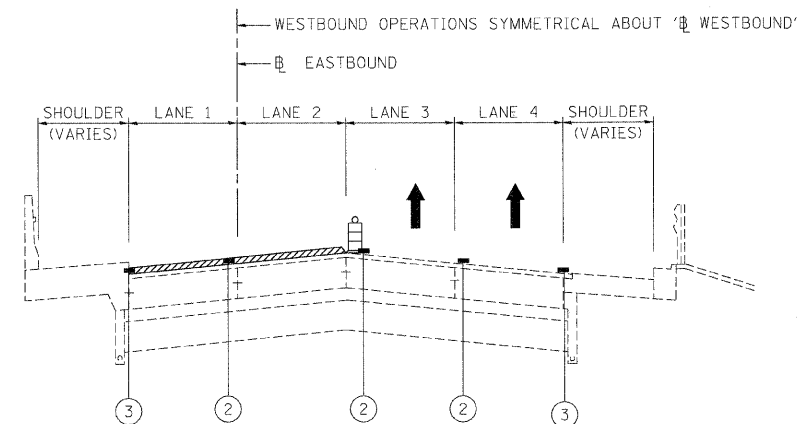
BITUMINOUS SURFACE REMOVAL



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" - AUXILIARY LANE & SHOULDER



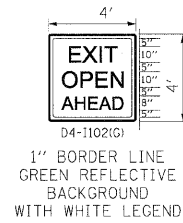
STAGE III - OPERATION FOUR - I-290
BITUMINOUS SURFACE REMOVAL FINAL 2" - LANES 1 & 2

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.
...Norpln_ABC_C3.ml_mst.typ.st.3.03.dgn	DRAWN - DMS	REVISED -			290	(2525, ETC., 2727)RS-8	COOK	201	84			
USER NAME = jmejewski	CHECKED - CAR	REVISED -			CONTRACT NO. 60K11							
PLOT DATE = 1/25/2018	DATE - 1/25/10	REVISED -			SCALE:	SHEET NO. 36 OF 40 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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- 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.

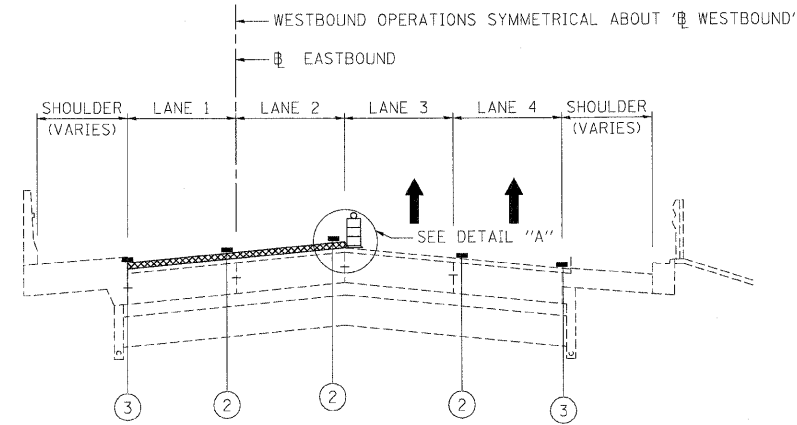


SIGN SHALL BE INSTALLED ON BOTH SIDES OF THE ROADWAY 500' IN ADVANCE OF AREAS WHERE THERE IS A GRADE DIFFERENTIAL BETWEEN LANES, AFTER EACH ENTRANCE RAMP AND A MINIMUM OF EVERY MILE.

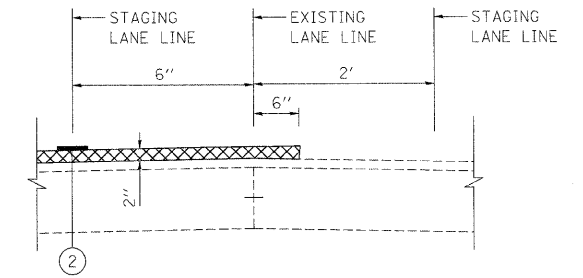
- THE CONTRACTOR SHALL COORDINATE THE ROADWAY AND STRUCTURAL WORK SO BITUMINOUS MATERIALS ARE NOT TRACKED ON THE BRIDGE DECKS BEFORE BEING SEALED.
- "EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS" SHALL BE INSTALLED ON MAINLINE ROADWAY DURING STAGE III OPERATIONS, IN LOCATIONS WHERE LETTERS/SYMBOLS PAVEMENT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

LEGEND

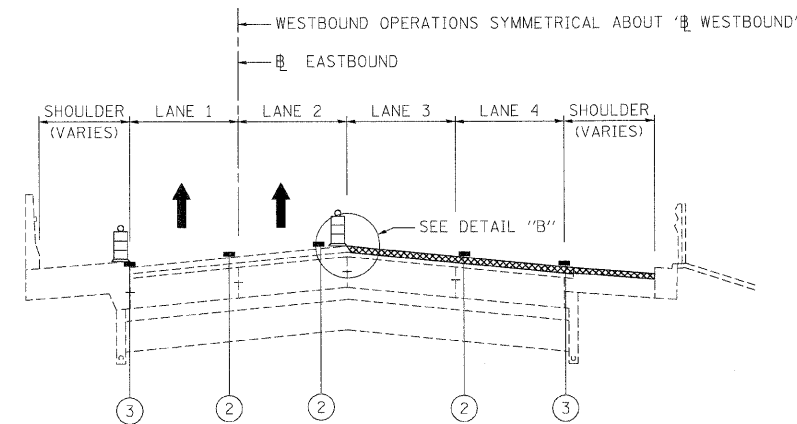
- ① EXISTING PAVEMENT MARKING
- ② EPOXY PAVEMENT MARKING - LINE 5" (WHITE 10' DASH, 30' SKIP)
- ③ EPOXY PAVEMENT MARKING - LINE 4" (YELLOW LEFT & WHITE RIGHT)
- ④ PROPOSED PAVEMENT MARKING. SEE PAVEMENT MARKING PLANS.
- TYPE II BARRIER, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT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



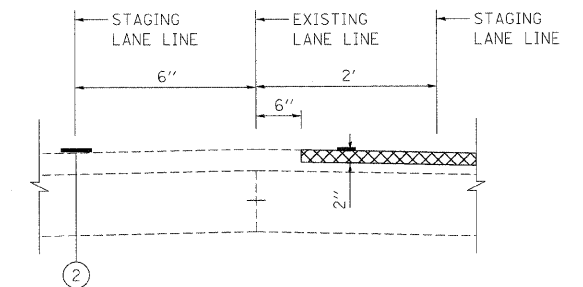
STAGE III - OPERATION FIVE - I-290
BINDER COURSE 2" - LANES 1 & 2



DETAIL A



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



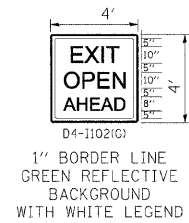
DETAIL B

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.	
...\\prp\in\ABC_C3_ml_mot_typ.at.3_01.dgn	DRAWN - DMS	REVISED -				290	(2525, ETC., 2727)RS-B	COOK	201	85	
USER NAME = jmajewski	CHECKED - CAR	REVISED -				CONTRACT NO. 60K11					
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -				FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					
SCALE:						SHEET NO. 37 OF 40 SHEETS		STA.		TO STA.	

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 ERECTED 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.

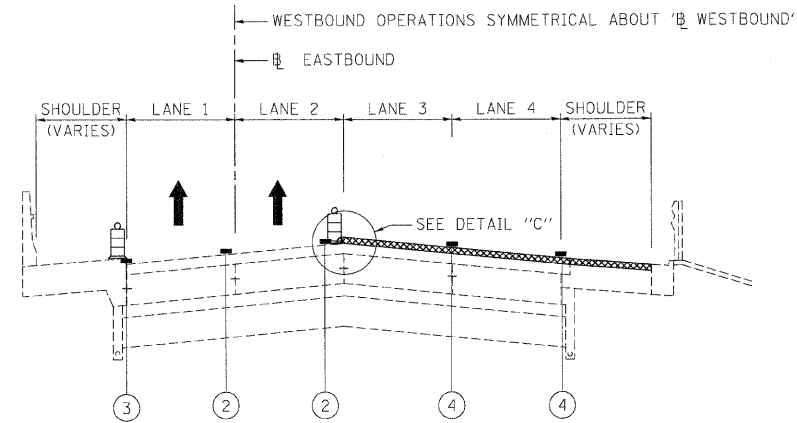


SIGN SHALL BE INSTALLED ON BOTH SIDES OF THE ROADWAY 500' IN ADVANCE OF AREAS WHERE THERE IS A GRADE DIFFERENTIAL BETWEEN LANES, AFTER EACH ENTRANCE RAMP AND A MINIMUM OF EVERY MILE.

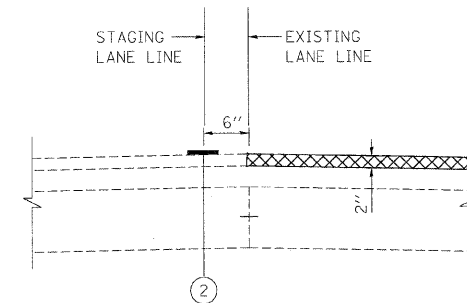
- THE CONTRACTOR SHALL COORDINATE THE ROADWAY AND STRUCTURAL WORK SO BITUMINOUS MATERIALS ARE NOT TRACKED ON THE BRIDGE DECKS BEFORE BEING SEALED.
- "EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS" SHALL BE INSTALLED ON MAINLINE ROADWAY DURING STAGE III OPERATIONS, IN LOCATIONS WHERE LETTERS/SYMBOLS PAVEMENT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

LEGEND

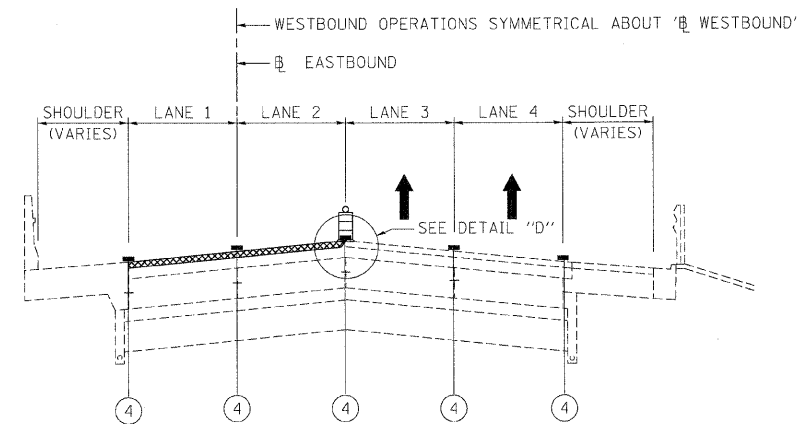
- ① EXISTING PAVEMENT MARKING
- ② EPOXY PAVEMENT MARKING - LINE 5" (WHITE 10' DASH, 30' SKIP)
- ③ EPOXY PAVEMENT MARKING - LINE 4" (YELLOW LEFT & WHITE RIGHT)
- ④ PROPOSED PAVEMENT MARKING. SEE PAVEMENT MARKING PLANS.
- TYPE II BARRIER, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT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



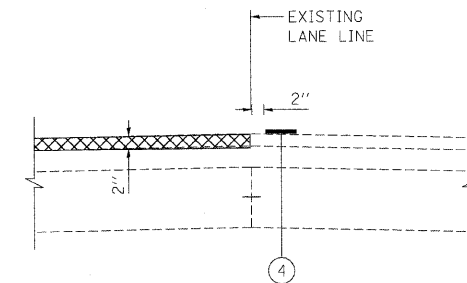
STAGE III - OPERATION SEVEN - I-290
SURFACE COURSE 2" - LANES 3, 4
SURFACE COURSE 1-1/2" - AUXILLARY LANE & SHOULDER



DETAIL C



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



DETAIL D

FILE NAME =	DESIGNED - CAG	REVISED -
...\\nrc\in\abc_c3_m1_mot_typ.at.3.06.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**

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

SCALE: SHEET NO. 38 OF 40 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	86
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K11	

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.
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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.

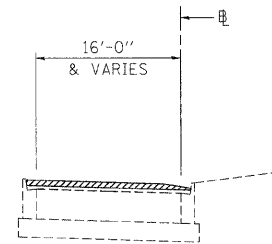


SIGN SHALL BE INSTALLED ON BOTH SIDES OF THE ROADWAY 500' IN ADVANCE OF AREAS WHERE THERE IS A GRADE DIFFERENTIAL BETWEEN LANES, AFTER EACH ENTRANCE RAMP AND A MINIMUM OF EVERY MILE.

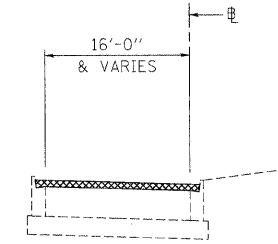
- THE CONTRACTOR SHALL COORDINATE THE ROADWAY AND STRUCTURAL WORK SO BITUMINOUS MATERIALS ARE NOT TRACKED ON THE BRIDGE DECKS BEFORE BEING SEALED.
- "EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS" SHALL BE INSTALLED ON MAINLINE ROADWAY DURING STAGE III OPERATIONS, IN LOCATIONS WHERE LETTERS/SYMBOLS PAVEMENT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

LEGEND

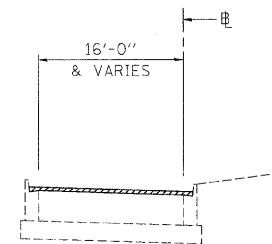
- ① EXISTING PAVEMENT MARKING
- ② EPOXY PAVEMENT MARKING - LINE 5" (WHITE 10' DASH, 30' SKIP)
- ③ EPOXY PAVEMENT MARKING - LINE 4" (YELLOW LEFT & WHITE RIGHT)
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- TYPE II BARRIER, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- BITUMINOUS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



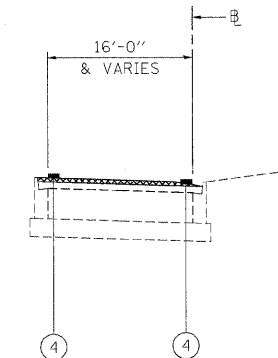
STAGE III - RAMP OPERATION ONE - I-290
BITUMINOUS SURFACE REMOVAL 2"



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

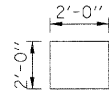


STAGE III - RAMP OPERATION TWO - I-290
BITUMINOUS SURFACE REMOVAL FINAL 1-1/4"



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

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...prph_abc_c3.m1.mot.typ.st.3.06.dgn	DRAWN - DMS	REVISED -				290	(2525, ETC., 2727)RS-B	COOK	201	87
USER NAME = jrajewski	CHECKED - CAR	REVISED -				CONTRACT NO. 60K11				
PL01 DATE = 1/25/2012	DATE - 1/25/10	REVISED -				FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
				SCALE:	SHEET NO. 39 OF 40 SHEETS	STA.	TO STA.			



GREEN COVER
STAGE 2
STA 1184+20



BORDER
R=1.5"
TH=1"
IN=1"

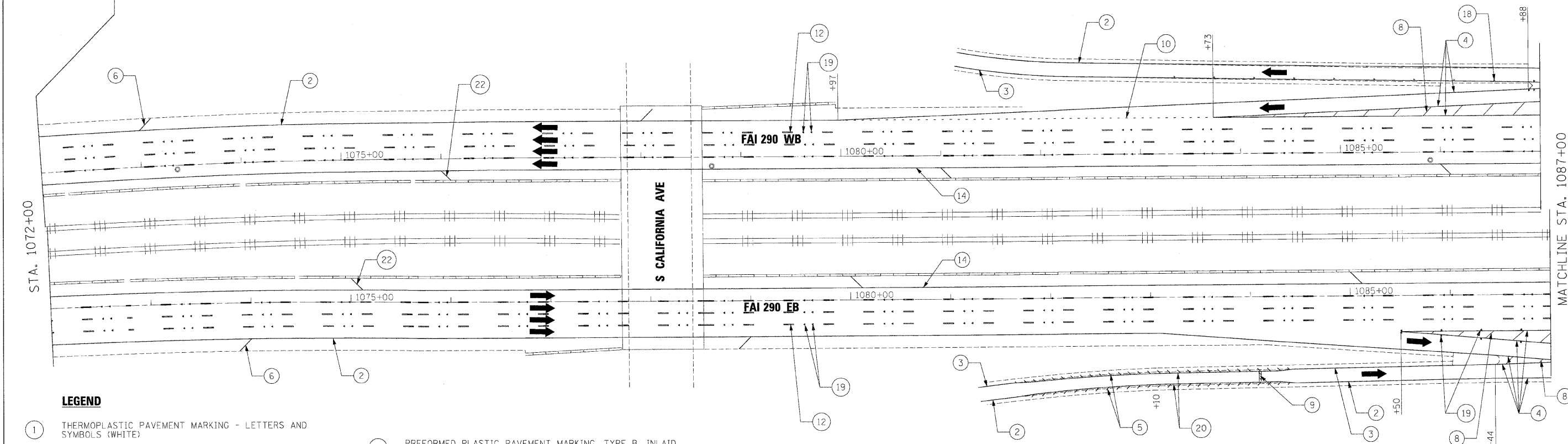
Panel Style: Temp Sign.ssi
M.U.T.C.D.: 2003 Edition

BLACK ARROW ON ORANGE BACKGROUND
STAGE I
STA 1184+20

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TEMPORARY INFORMATION SIGNING	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\prep1n_abc_c3_TempSignDetails.dgn	DRAWN - TMB	REVISED -				290	(2525, ETC., 2727)RS-B	COOK	201	88
USER NAME = jmajewski	CHECKED - JJT	REVISED -				CONTRACT NO. 60K11				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -				SCALE: N.T.S.	SHEET NO. 40 OF 40 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



CONTRACT 60G53 CONTRACT 60K11



LEGEND

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

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.

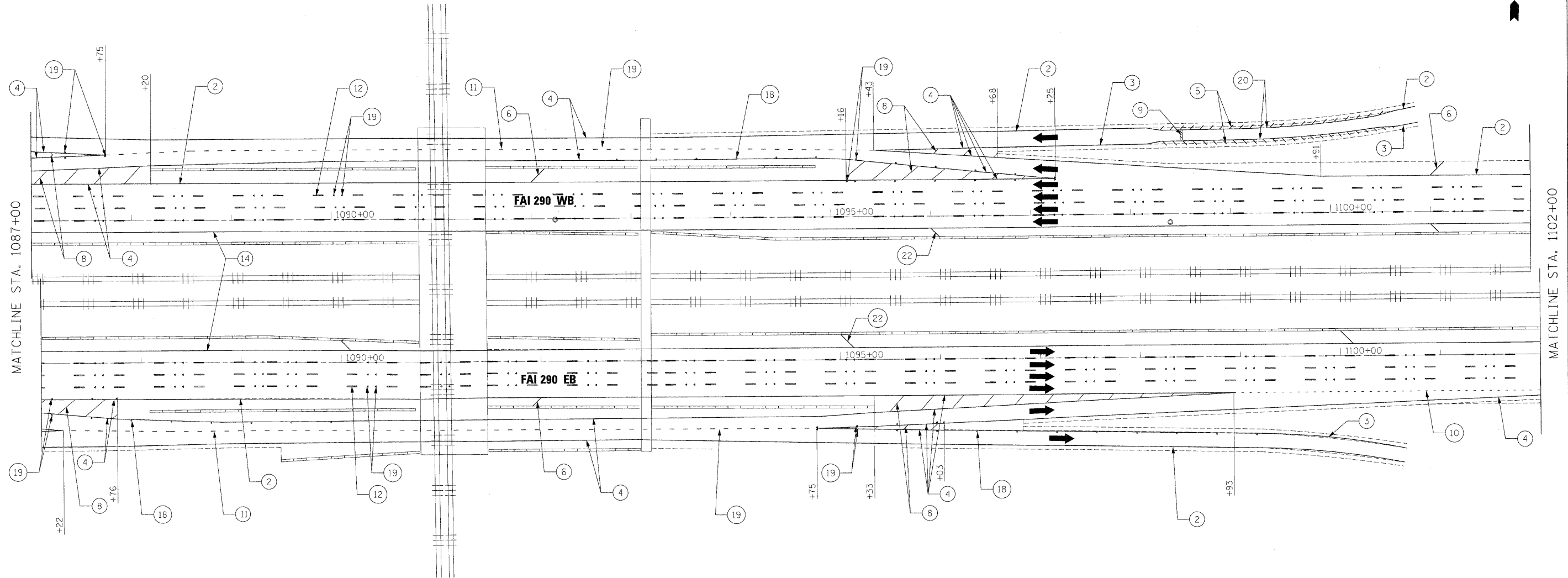
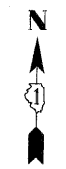
FILE NAME =	DESIGNED - CAG	REVISED -
...\\p1p1n_abc_c3_290.pvt\trkg_19.dgn	DRAWN - DMS	REVISED -
USER NAME - jmajewski	CHECKED - CAR	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS POB TO STA 1087+00	
SCALE: 1"=50'	SHEET NO. 1 OF 10 SHEETS
STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	89
CONTRACT NO. 60K11				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



LEGEND

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

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PLOT DATE = 1/26/2010	DATE - 1/25/10	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

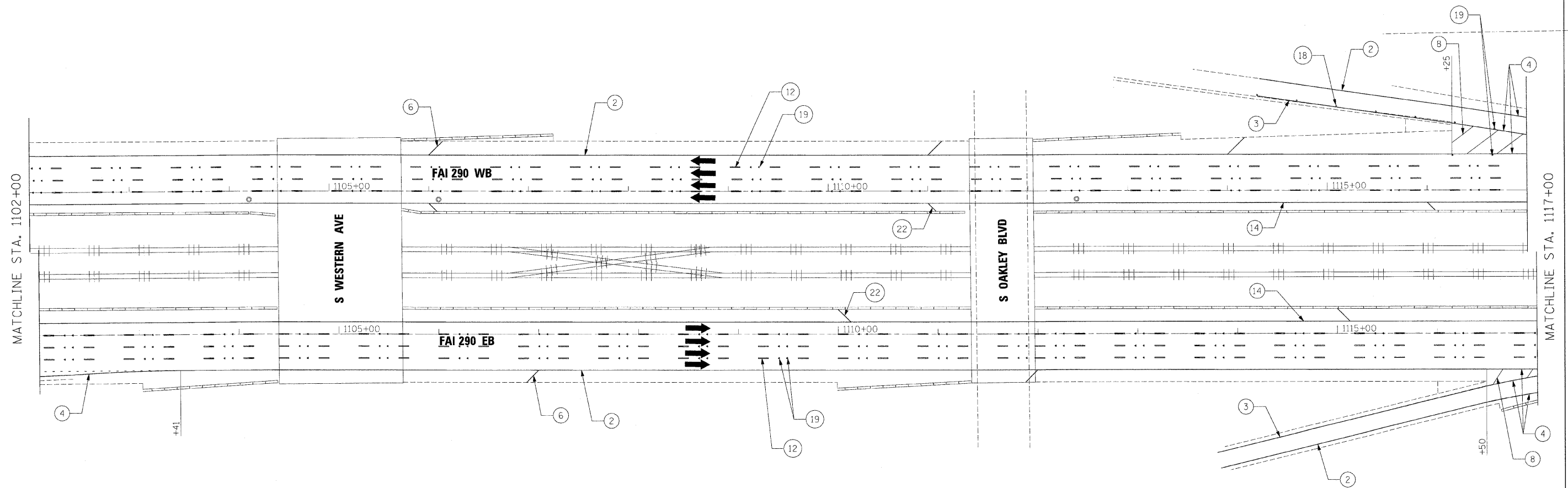
**PAVEMENT MARKING PLANS
STA 1087+00 TO STA 1102+00**

SCALE: 1"=50' SHEET NO. 2 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	90
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	

LEGEND

- 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)
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- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CORE 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)
- ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID, LINE 8" (WHITE 3' DASH, 9' SKIP)
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- 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)
- 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.

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

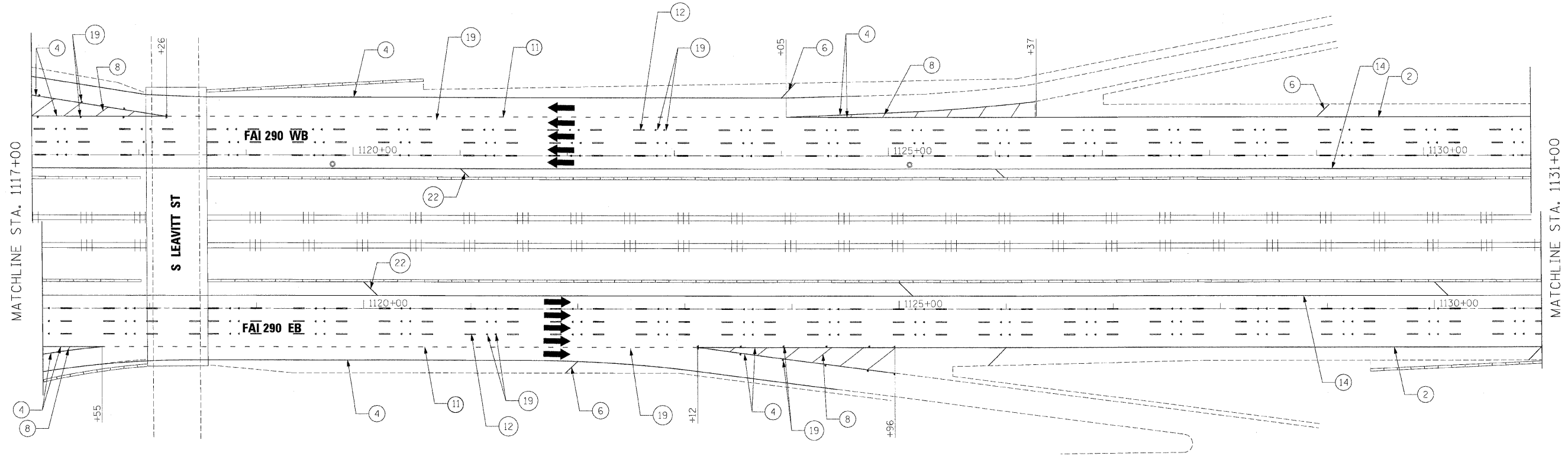
**PAVEMENT MARKING PLANS
STA 1102+00 TO STA 1117+00**

SCALE: 1"=50' SHEET NO. 3 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	91
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	

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.



LEGEND

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| <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) |
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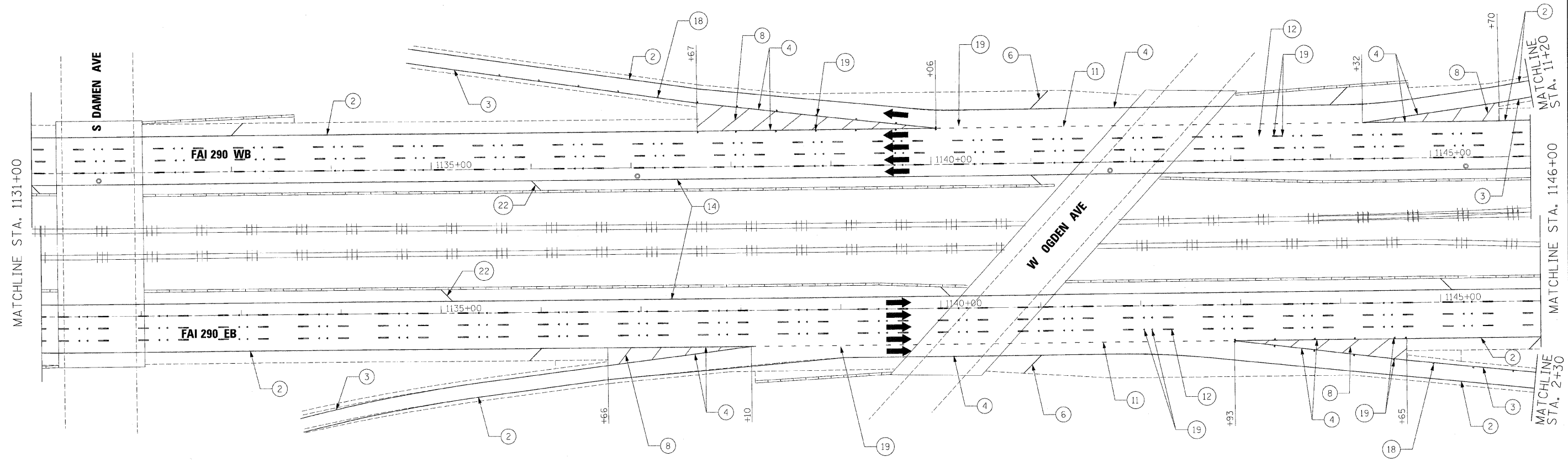
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS
STA 1117+00 TO STA 1131+00**

SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727RS-B	COOK	201	92
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	



LEGEND

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| <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 CRYSTAL / OPAQUE) ⑲ RAISED REFLECTIVE PAVEMENT MARKER (1-WAY YELLOW / 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) |
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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.

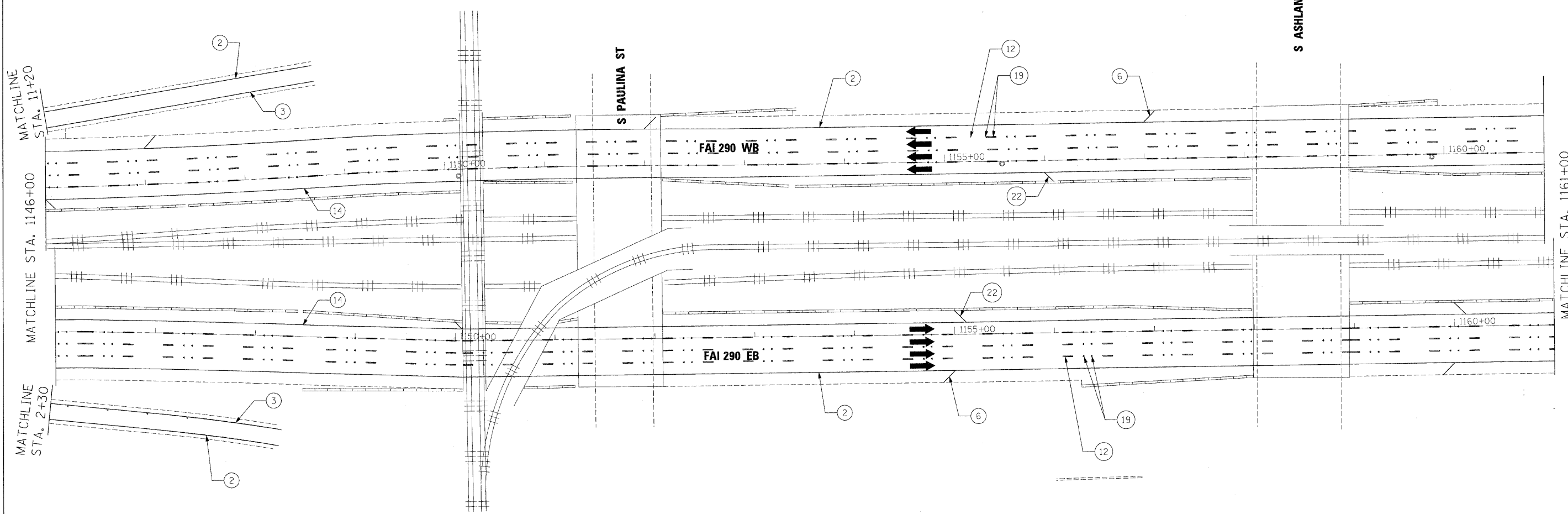
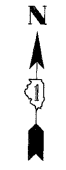
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PLT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS		
STA 1131+00 TO STA 1146+00		
SCALE: 1"=50'	SHEET NO. 5 OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	93
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60K11	



LEGEND

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| <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) |
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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.

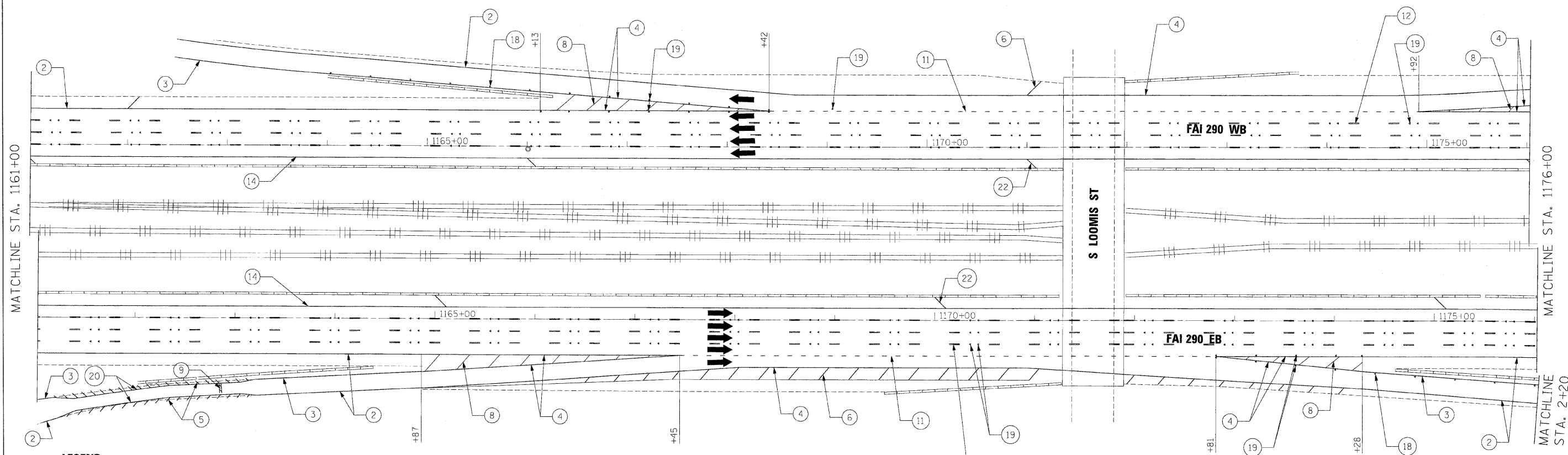
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS			
STA 1146+00 TO STA 1161+00			
SCALE: 1"=50'	SHEET NO. 6	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	94
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K11		



LEGEND

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| <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 40' CENTERS ON RAMPS) ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 150' CENTERS ON RAMPS) 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) |
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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.

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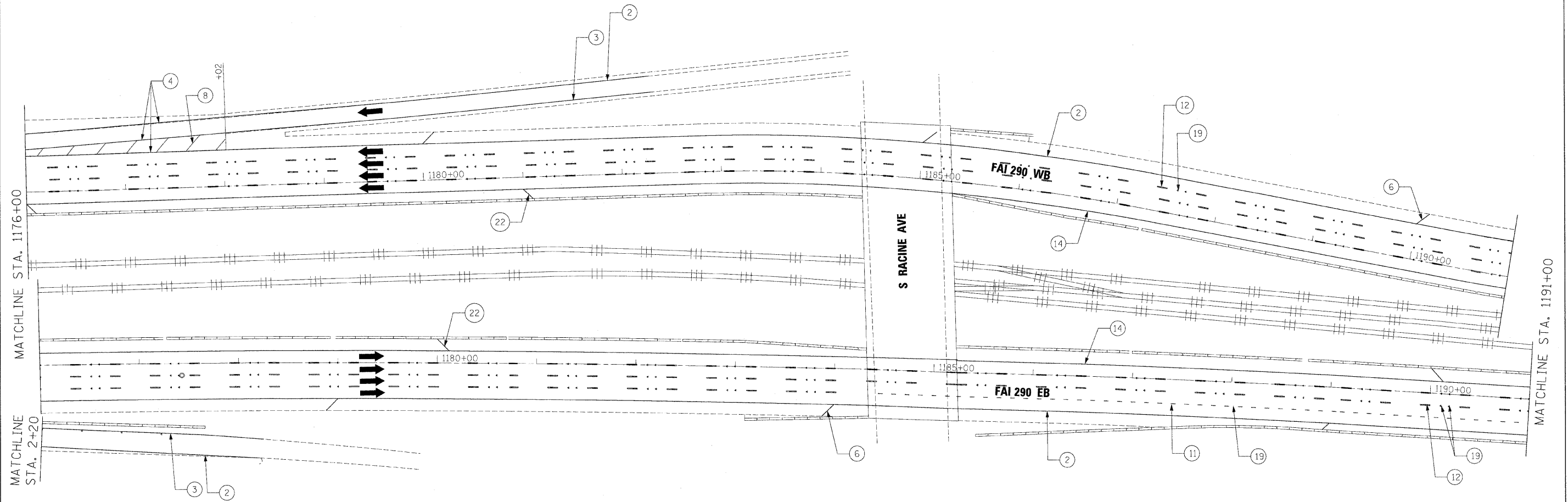
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS
STA 1161+00 TO STA 1176+00**

SCALE: 1"=50' SHEET NO. 7 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2T27RS-8	COOK	201	95
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K11	



LEGEND

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

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.

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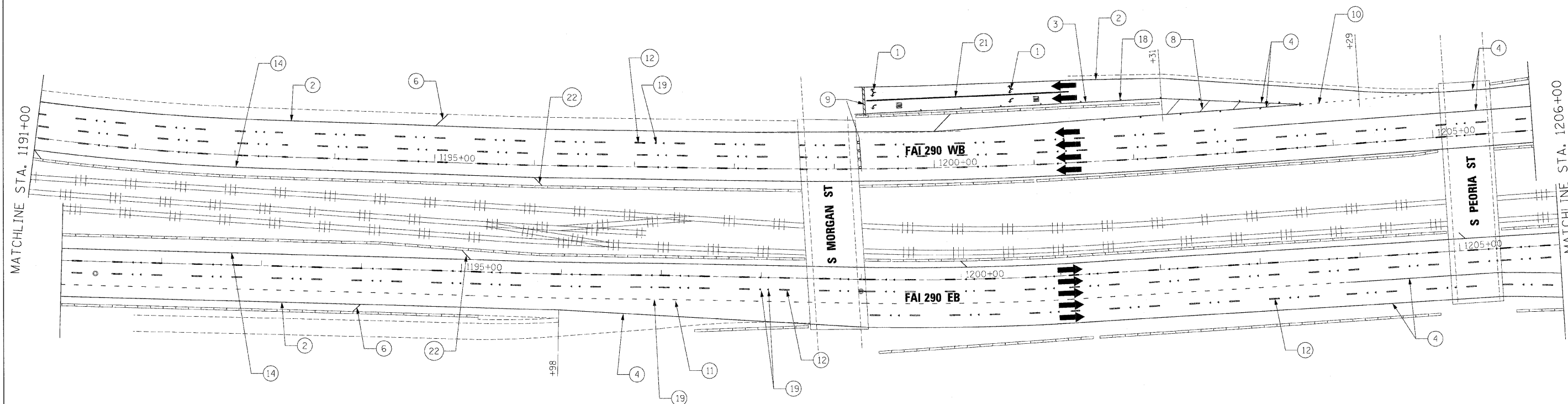
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS
STA 1176+00 TO STA 1191+00**

SCALE: 1"=50' SHEET NO. 8 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727RS-B	COOK	201	96
CONTRACT NO. 60K11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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"> ⑳ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE THRU LANE LINE) ㉑ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (YELLOW DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 40' CENTERS ON STRUCTURES) ㉒ POLYUREA PAVEMENT MARKING TYPE 1, LINE 12" (WHITE DIAGONALS SPACED @ 500' CENTERS ON M.L. AND 40' CENTERS ON STRUCTURES) ㉓ POLYUREA PAVEMENT MARKING TYPE 1, LETTERS AND SYMBOLS (WHITE) ㉔ POLYUREA PAVEMENT MARKING TYPE 1, LINE 8" (WHITE 3' DASH, 9' SKIP) ㉕ 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.

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benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

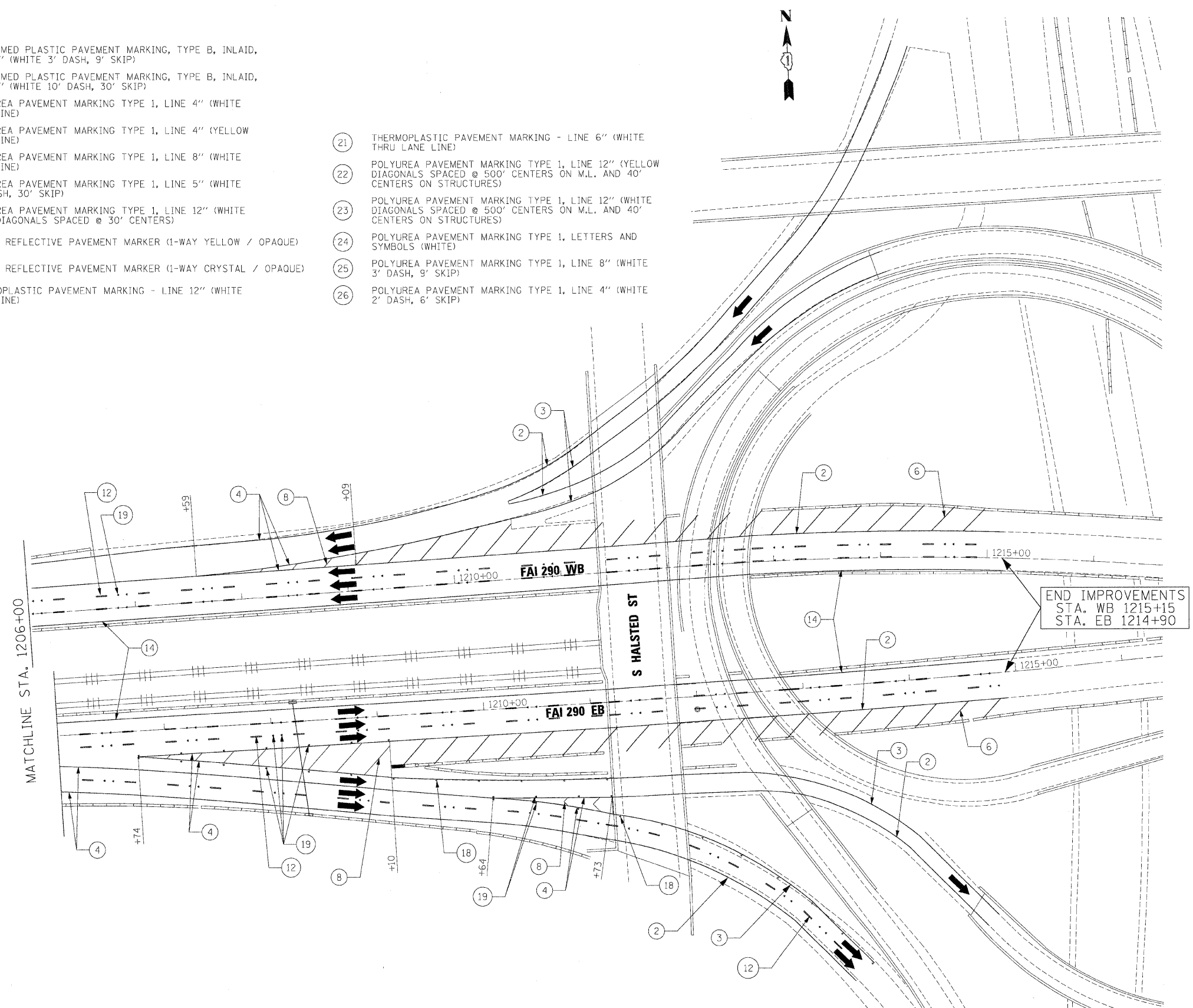
**PAVEMENT MARKING PLANS
STA 1191+00 TO STA 1206+00**

SCALE: 1"=50' SHEET NO. 9 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	97
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K11	

LEGEND

- 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)
- 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)
- 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.

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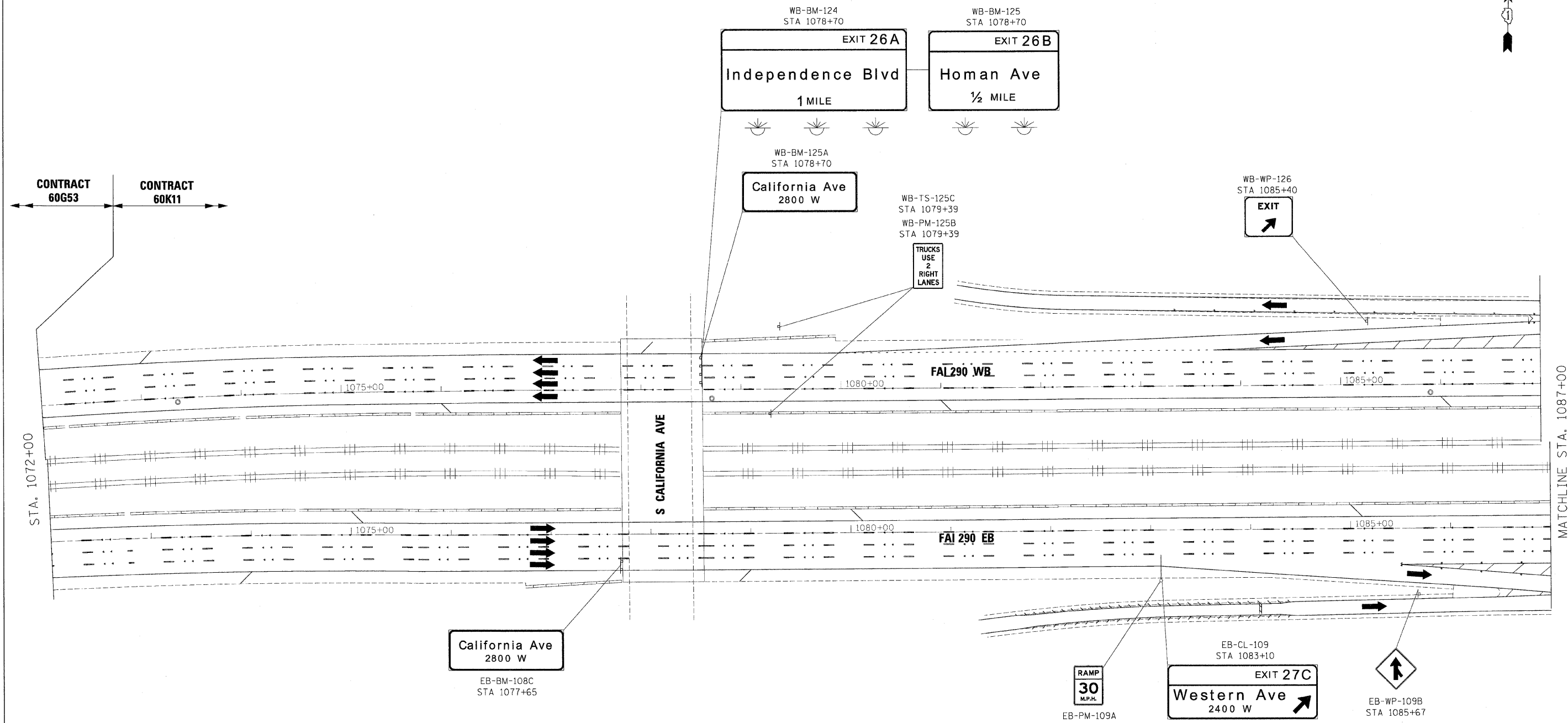
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS
STA 1206+00 TO POE**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201	98
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	



EXAMPLE

- DIRECTION OF TRAFFIC
- NB - NORTHBOUND FAI 355
 - SB - SOUTHBOUND FAI 355
 - EB - EASTBOUND FAI 290
 - WB - WESTBOUND FAI 290
 - LS - LAKE STREET
 - AT - ARMY TRAIL RD
 - 83 - IL 83 (KINGERY HWY)
 - 64 - IL 64 (NORTH AVE)
- REMOVE AND REPLACE SIGN PANEL
- EXISTING LUMINAIRE TO BE REMOVED
- SIGN PANEL NUMBER
- MOUNTING TYPE
- TR - TRUSS
 - CL - CANTILEVER
 - BM - BRIDGE MOUNTED
 - WP - WOOD POST
 - BS - BREAKAWAY STEEL
 - LP - LIGHT POLE
 - GM - GROUND MOUNTED

FILE NAME =	DESIGNED - AJP	REVISED -
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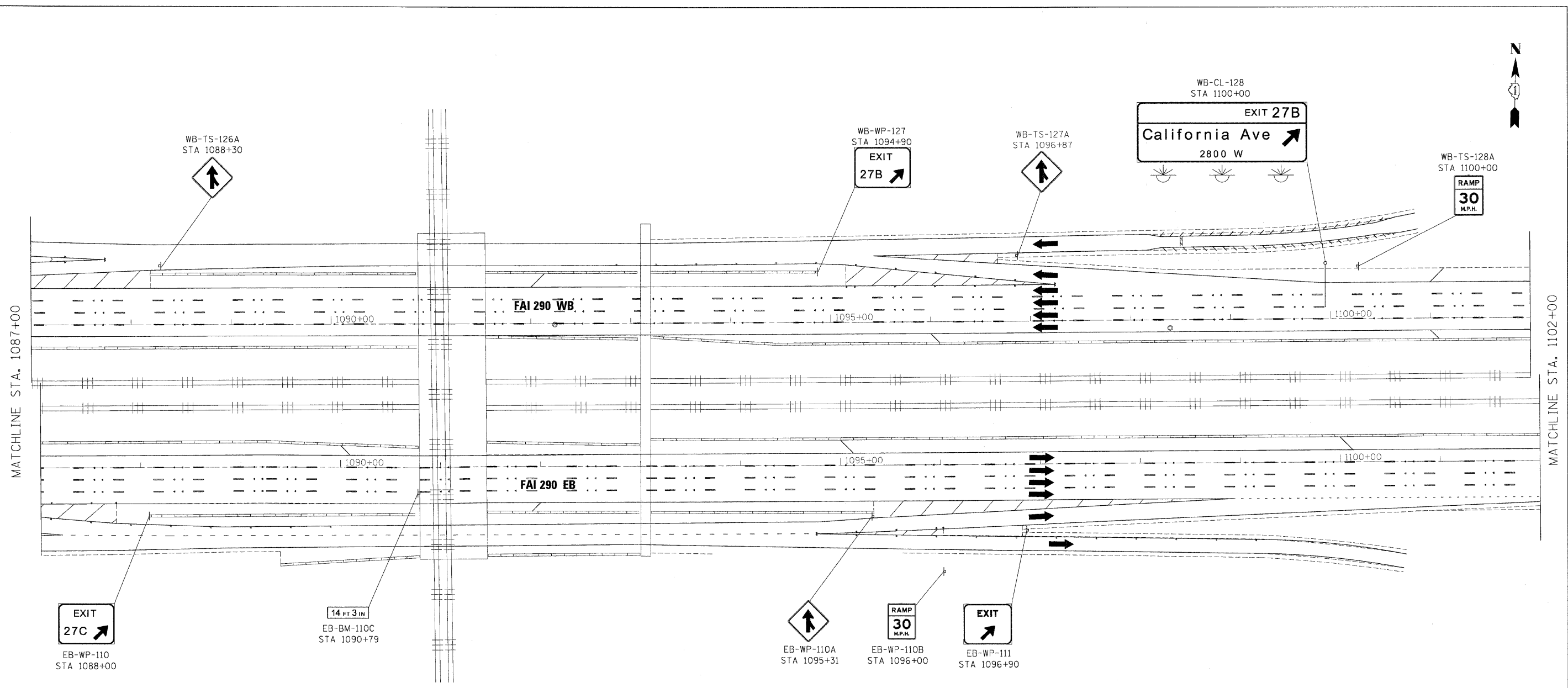
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
POB TO STA 1087+00**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
290	(2525, ETC., 2727)RS-8	COOK	201 99
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K11



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

- DIRECTION OF TRAFFIC**
- NB - NORTHBOUND FAI 355
 - SB - SOUTHBOUND FAI 355
 - EB - EASTBOUND FAI 290
 - WB - WESTBOUND FAI 290
 - LS - LAKE STREET
 - AT - ARMY TRAIL RD
 - 83 - IL 83 (KINGERY HWY)
 - 64 - IL 64 (NORTH AVE)
- MOUNTING TYPE**
- TR - TRUSS
 - CL - CANTILEVER
 - BM - BRIDGE MOUNTED
 - WP - WOOD POST
 - BS - BREAKAWAY STEEL
 - LP - LIGHT POLE
 - GM - GROUND MOUNTED
- REMOVE AND REPLACE SIGN PANEL**
- EXISTING LUMINAIRE TO BE REMOVED**
- EXAMPLE SIGN PANEL NUMBERING:** EB-TR-03
- LEGEND:**
 - SIGN PANEL NUMBER
 - MOUNTING TYPE

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USER NAME = jmejewski	CHECKED - JMM	REVISED -
PLOT DATE = 1/25/2210	DATE - 1/25/10	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
STA 1087+00 TO STA 1102+00**

SCALE: 1"=50' SHEET NO. 2 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2525, ETC., 2727)RS-B	COOK	201	100
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K11	