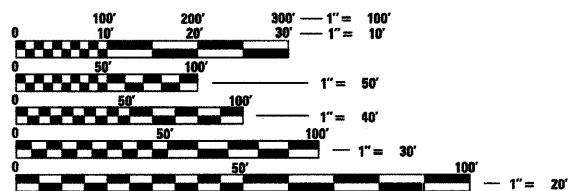


FOR INDEX OF SHEETS, SEE SHEET NO. 2.

TRAFFIC DATA

ADT = 187,000 VEHICLES
POSTED SPEED LIMIT = 55 MPH

PROJECT LOCATED IN THE
VILLAGE OF MAYWOOD,
VILLAGE OF FOREST PARK,
AND VILLAGE OF OAK PARK



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

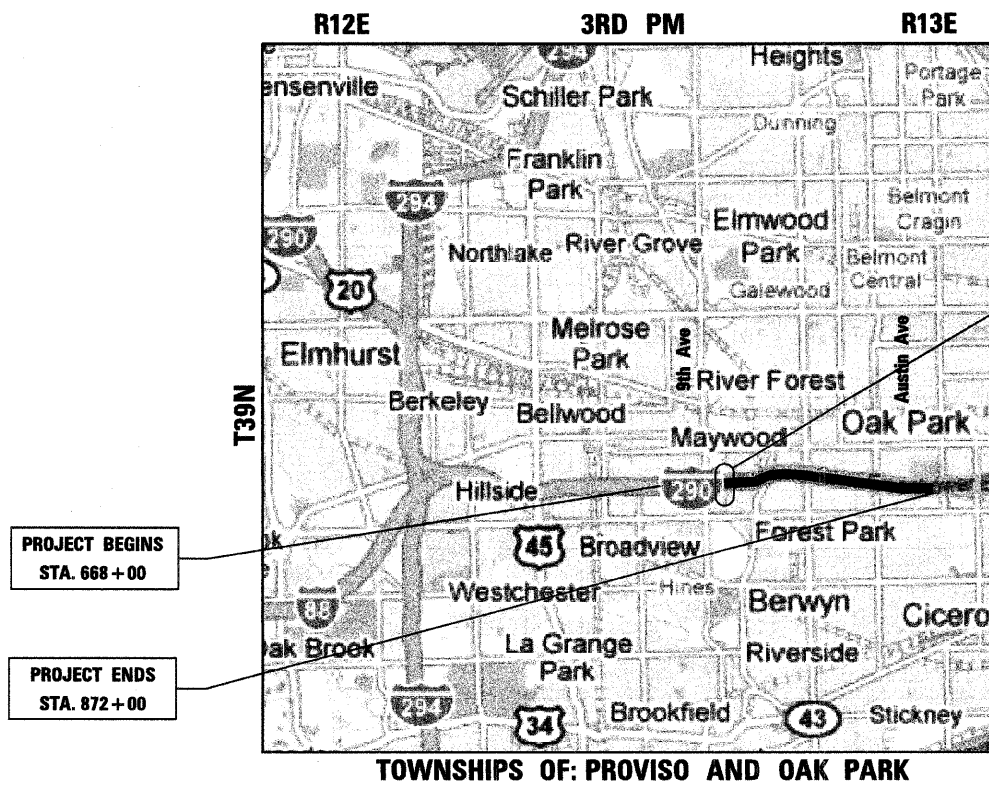
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

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

CONTRACT NO. 60K10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

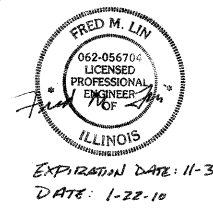
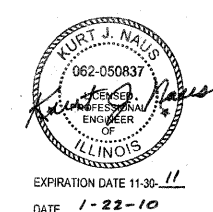
**PROPOSED
HIGHWAY PLANS**
FAI-290 (EISENHOWER EXPRESSWAY)
SECTION (3131, ETC., 3435)RS-6
PROJECT: ACIM-290-4(116)089
9th AVE. TO AUSTIN AVE.
RESURFACING, BRIDGE REPAIRS, SIGNING AND SURVEILLANCE
COOK COUNTY
C-91-414-10



PROJECT BEGINS
STA. 668+00

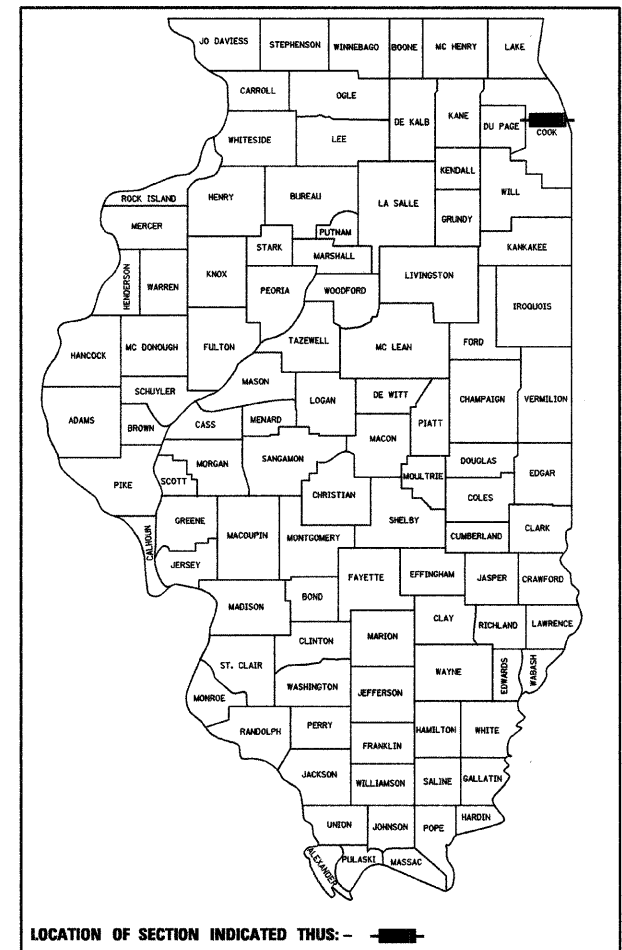
PROJECT ENDS
STA. 872+00

I-290 OVER DES PLAINES RIVER
SN 016-0090



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 60K10		

D-91-341-09



LOCATION OF SECTION INDICATED THIS: - [black rectangle] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED JANUARY 22 20 10

Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

January 29, 20 10
Scott S. Stoltz P.E. (RD)
acting ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 20 10
Christine M. Reed (RD)
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

benesch alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-665-0450

LIN ENGINEERING, LTD.
Consulting Engineers
Chatham, Illinois Westmont, Illinois

LAYOUT MAP
SCALE: 1 IN = 1.5 MI
GROSS LENGTH OF PROJECT = 20,400 LIN FT = 3.86 MILES
NET LENGTH OF PROJECT = 20,400 LIN FT = 3.86 MILES

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, GENERAL NOTES & HMA REQUIREMENTS
3-6	SUMMARY OF QUANTITIES
7-16	TYPICAL SECTIONS
17-24	SCHEDULES OF QUANTITIES
25-40	ALIGNMENTS
41-54	ROADWAY PLANS
55-104	MAINTENANCE OF TRAFFIC
105-118	PAVEMENT MARKING PLANS
119-132	SIGNING PLANS
133-166	SIGNING DETAILS
167-168	PUMP STATION DETAILS
169-173	STRUCTURAL PLANS
174	ROADWAY WEATHER INFORMATION SYSTEM SENSOR
175-182	TRAFFIC SURVEILLANCE LOOPS PLANS
183-199	TRAFFIC SYSTEM CENTER DETAILS
200-215	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 IDOT CONTRACTS 60G52 AND 60G53, AND VALVE MAINTENANCE CONTRACT FOR BROADVIEW-WESTCHESTER JOINT WATER AGENCY (BWJWA) AT EB I-290, 100 FEET EAST OF DES PLAINES RIVER.
- 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 SHOULDER RECONSTRUCTION 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
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-01	SHOULDER RUMBLE STRIPS
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 4.5m (15') TO 600mm (24") FROM PAVEMENT EDGE
701106-02	OFF-ROAD 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 TO 55 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 POSTS 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 200-215)

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
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 PARTIAL RAMP CLOSURES
TC-18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
TC-25	TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE SHOULDER LANE
TC-27	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 INSIDE SHOULDERS < 8'		
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 SHOULDER RESURFACING		
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" OR 4"	4% @ 105 Gyr
SHOULDER RECONSTRUCTION		
HOT-MIX ASPHALT SHOULDER, 10" (HMA BINDER IL-19mm)	10"	4% @ 70 Gyr
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

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	(3131, ETC., 3435)RS-6	COOK	215	2			
USER NAME = #USER#	CHECKED - JMM	REVISED -			SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 60K10				
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	BRIDGE SN 016-0090	TRAFFIC SIGNS	SURVEILLANCE
					90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
					CONSTRUCTION TYPE CODE			
					I000-2A	X071-2A	Y002-1C	Y032-1F
**	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	811	811			
**	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	51	51			
**	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	10	10			
**	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	12	12			
	28000510	INLET FILTERS	EACH	381	381			
**	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	297	297			
	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	208	208			
	40600300	AGGREGATE (PRIME COAT)	TON	1,038	1,038			
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	389	389			
	40600895	CONSTRUCTING TEST STRIP	EACH	2	2			
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,600	2,600			
	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	2,831	2,831			
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	6,015	6,015			
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4,010	4,010			
**	40800052	INCIDENTAL HOT-MIX ASPHALT SURFACING (SPECIAL)	TON	119	119			
	42001300	PROTECTIVE COAT	SQ YD	600	600			
	44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	20,238	20,238			
	44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	59,086	59,086			
	44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	180,224	180,224			
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	410	410			
	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	31	31			
	44002213	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 1/4"	SQ YD	810	810			
	44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ YD	10,648	10,648			
**	44004260	PAVED SHOULDER REMOVAL (SPECIAL)	SQ YD	530	530			
	44200549	CLASS A PATCHES, TYPE I, 10 INCH	SQ YD	300	300			
	44200553	CLASS A PATCHES, TYPE II, 10 INCH	SQ YD	300	300			
	44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	87	87			
	44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	4,742	4,742			
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	1,770	1,770			
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	4,859	4,859			
	44213000	PATCHING REINFORCEMENT	SQ YD	600	600			
	44213200	SAW CUTS	FOOT	294	294			
Δ	55039700	STORM SEWERS TO BE CLEANED	FOOT	9144	9,144			
	58700300	CONCRETE SEALER	SQ FT	29,427		29,427		
	60300205	FRAMES AND GRATES TO BE ADJUSTED (SPECIAL)	EACH	235	235			

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	(3131, ETC., 3435)RS-6	COOK	215	3			
USER NAME = #USER#	CHECKED - JMM	REVISED -			SCALE: N.T.S. SHEET NO. 1 OF 4 SHEETS STA. TO STA.			CONTRACT NO. 60K10				
PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY	BRIDGE SN 016-0090	TRAFFIC SIGNS	SURVEILLANCE
					90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
					CONSTRUCTION TYPE CODE			
					I000-2A	X071-2A	Y002-1C	Y032-1F
	60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	235	235			
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	410	410			
	64200105	SHOULDER RUMBLE STRIP	FOOT	65,528	65,528			
	67100100	MOBILIZATION	L SUM	1	1			
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	19	19			
	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	26,691	26,691			
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	17,910	17,910			
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	10,535	10,535			
*	72000105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	138			138	
*	72000205	SIGN PANEL - TYPE 2 (SPECIAL)	SQ FT	829			829	
*	72000305	SIGN PANEL - TYPE 3 (SPECIAL)	SQ FT	4,618			4,618	
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4			4	
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	234			234	
*	73000105	WOOD SIGN SUPPORT, SPECIAL	FOOT	396			396	
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	581	581			
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	88,820	88,820			
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	937	937			
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	19,075	19,075			
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	7,999	7,999			
*	78000850	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	89	89			
*	78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	769	769			
*	78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	20,703	20,703			
*	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,000	1,000			
*	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	160,241	160,241			
*	78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	61,200	61,200			
*	78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	9,867	9,867			
*	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	15,908	15,908			
*	78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	1,148	1,148			
*	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	780	780			
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2,280	2,280			
*	78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	29	29			
*	78200450	MONODIRECTIONAL GUARD RAIL REFLECTORS	EACH	300	300			
*	78200530	BARRIER WALL MARKERS, TYPE C	EACH	1,433	1,433			

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

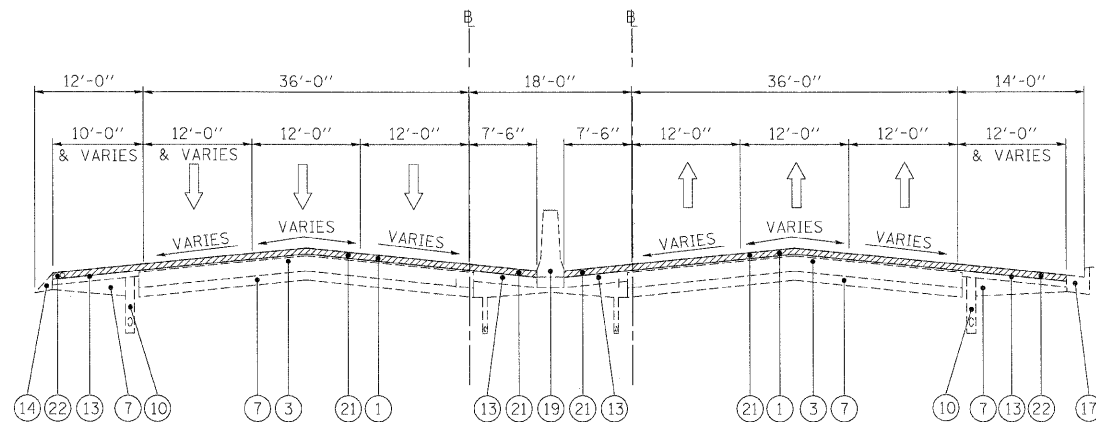
SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE SN 016-0090	TRAFFIC SIGNS	SURVEILLANCE
					90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
					CONSTRUCTION TYPE CODE			
					1000-2A	X071-2A	Y002-1C	Y032-1F
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	16,016	16,016			
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2,280	2,280			
*	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	100				100
*	84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	28			28	
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1				1
*	88600100	DETECTOR LOOP, TYPE I	FOOT	170				170
	Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	49		49		
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
	Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	10		10		
Δ	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	381	381			
	Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	15	15			
	Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	8	8			
	Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	3	3			
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1			
**	Z0064800	SELECTIVE CLEARING	UNIT	162	162			
0	Z0076600	TRAINEES	HOUR	1,000	1,000			
**	K0036120	MULCH PLACEMENT 4"	SQ YD	2,200	2,200			
** Δ	K1003660	MOWING CYCLES	EACH	2	2			
Δ	X0005656	INLET FILTER CLEANING	EACH	381	381			
**	XZ186500	ASPHALTIC EMULSION SLURRY SEAL	SQ YD	5,300	5,300			
	X0301424	SILICONE JOINT SEALER	FOOT	199.5		199.5		
	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	149	149			
	X0322729	MATERIAL TRANSFER DEVICE	TON	53,556	53,556			
**	X0322856	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	2	2			
**	X0322859	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	106	106			
	X0324685	TEST STRIP (STONE MATRIX ASPHALT)	EACH	2	2			
Δ	X0325095	MAIN DRAIN CLEANING	FOOT	13,320	13,320			
	X0325201	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	360	360			
**	X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	8	8			
**	X0325223	FIBER ASPHALT	POUND	177	177			
	X0325303	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	216	216			
	X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	30	30			
	X0325702	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1			
	X0325739	HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)	SQ YD	25,740	25,740			
*	X0325754	REPLACEMENT OF SENSORS FOR ROADWAY WEATHER INFORMATION SYSTEM	L SUM	1				1

○ Y080
 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 -			SCALE: N.T.S.	SHEET NO. 3 OF 4 SHEETS	STA.	TO STA.	290	(3131, ETC., 3435RS-6	COOK	215	5
USER NAME = #USER#	CHECKED - JMM	REVISED -							CONTRACT NO. 60K10				
PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

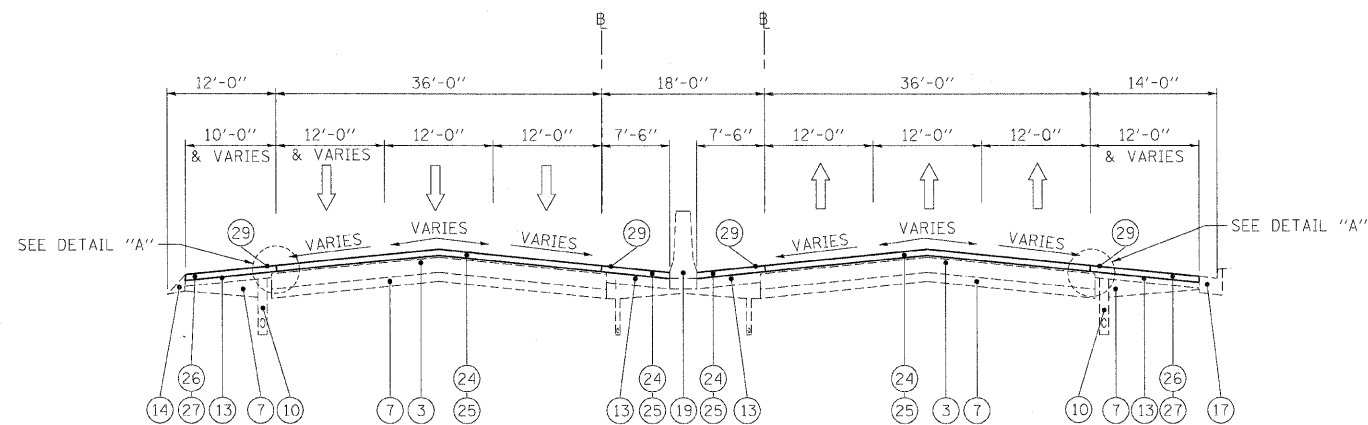
SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE SN 016-0090	TRAFFIC SIGNS	SURVEILLANCE
					90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
					CONSTRUCTION TYPE CODE			
					1000-2A	X071-2A	Y002-1C	Y032-1F
	X0325775	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	93,332	93,332			
	X0325840	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 12 INCH	FOOT	3,626	3,626			
	X0325842	WET REFLECTIVE TEMPORARY TAPE, TYPE III, LETTERS AND SYMBOLS	SQ FT	109	109			
	X0325876	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 8 INCH	FOOT	27,201	27,201			
**	X0325921	PLANT CARE	SQ YD	3,599	3,599			
	X0326107	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH	FOOT	23,634	23,634			
**	X0326701	WEED CONTROL, BROADLEAF IN TURF	POUND	0.8	0.8			
	X0326766	CLEAN & RESEAL RELIEF JOINT	FOOT	217.5		217.5		
*	X0326768	CONDUIT IN TRENCH, HIGH DENSITY POLYETHYLENE, COILABLE	FOOT	100				100
	X0326769	REMOVE AND REINSTALL CHAIN LINK FENCE POST	EACH	7.0		7.0		
*	X0326838	REMOVE SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	125			125	
*	X0326839	REMOVE SIGN PANEL - TYPE 2 (SPECIAL)	SQ FT	506			506	
*	X0326840	REMOVE SIGN PANEL - TYPE 3 (SPECIAL)	SQ FT	4,205			4,205	
*	X0326841	REMOVE SIGN PANEL ASSEMBLY - TYPE B (SPECIAL)	EACH	21			21	
*	X0326842	MILE POST MARKER ASSEMBLY (SPECIAL)	EACH	16			16	
**	X0326843	STAINING EXISTING COLORED CONCRETE SURFACES	SQ FT	1,060	1,060			
Δ	X0326849	CLEANING OF WET PIT	TON	2,012	2,012			
	X0326850	MAIN DRAIN JOINT REPAIR	FOOT	278	278			
**	X2010300	TREE REMOVAL (UNDER 6 UNITS DIAMETER)	UNIT	131	131			
	40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	29,271	29,271			
	40603148	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	TON	24,284	24,284			
	X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1			
	X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	86	86			
*	X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	6,660				6,660
*	X8850102	INDUCTION LOOP	FOOT	2,319				2,319

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.



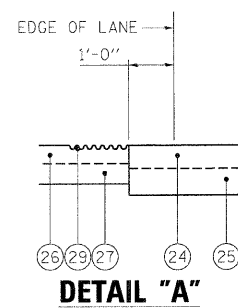
EXISTING TYPICAL SECTION

STA 668+00 TO STA 699+30 (WB FAI 290)
 STA 668+00 TO STA 699+30 (EB FAI 290)



PROPOSED TYPICAL SECTION

STA 668+00 TO STA 699+30 (WB FAI 290)
 STA 668+00 TO STA 699+30 (EB FAI 290)



LEGEND

- ① EXISTING HMA OVERLAY, VARIES*
- 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 HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)

NOTES

1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.
2. 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.
3. THE COST OF HAND REMOVAL OF HMA SURFACE AROUND CASTINGS SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL OF THE THICKNESS SPECIFIED.
4. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

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PLOT DATE = 1/25/2012	DATE - 1/25/10	REVISED -

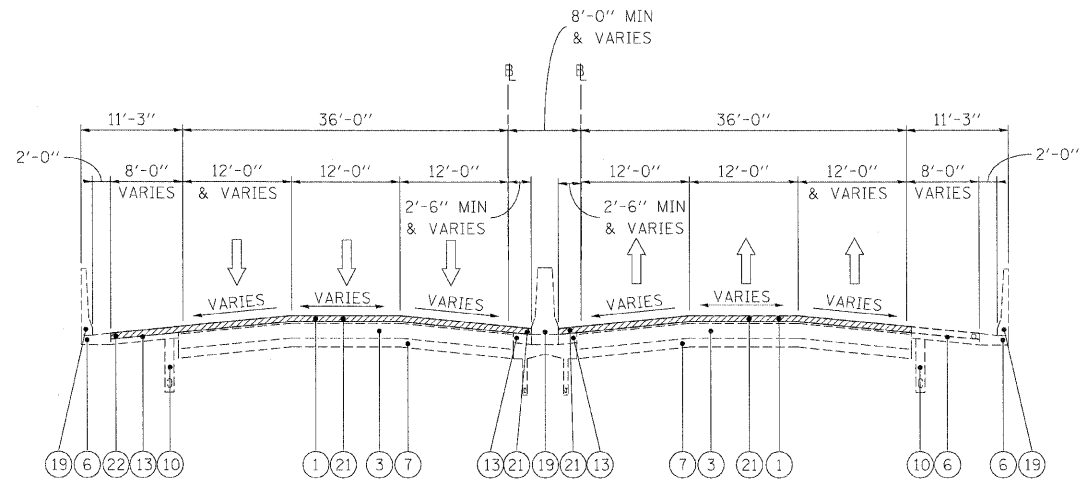
benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
 I-290 MAINLINE**

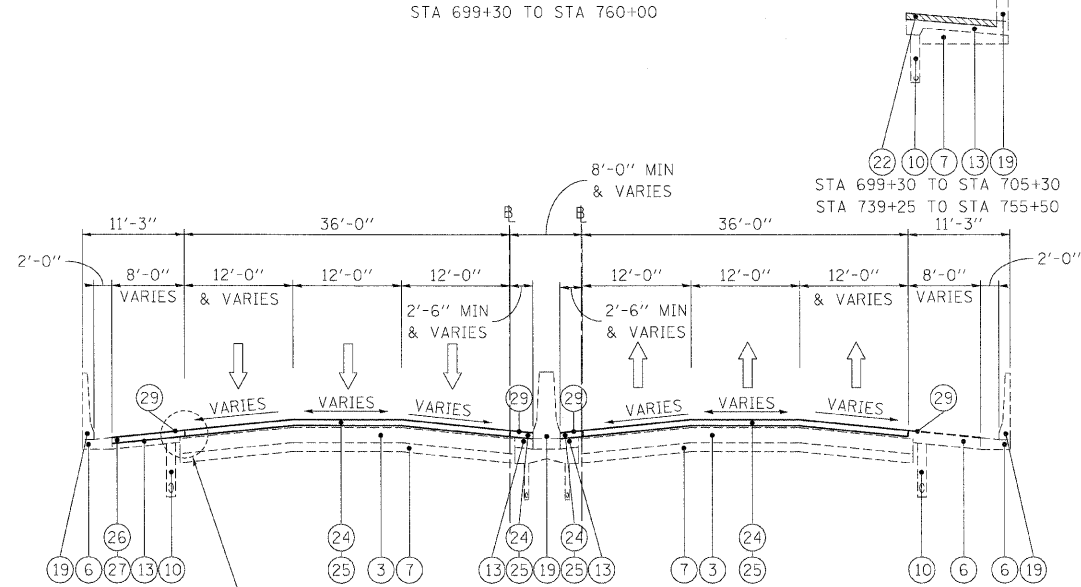
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435)RS-6	COOK	215	7
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



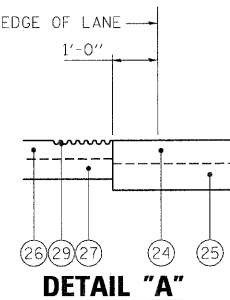
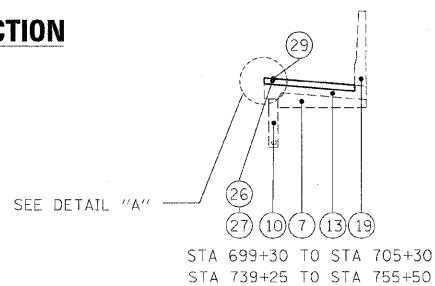
EXISTING TYPICAL SECTION

STA 699+30 TO STA 760+00



PROPOSED TYPICAL SECTION

STA 699+30 TO STA 760+00



LEGEND

- ① EXISTING HMA OVERLAY, VARIES*
- 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 HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)

NOTES

1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.
2. 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.
3. THE COST OF HAND REMOVAL OF HMA SURFACE AROUND CASTINGS SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL OF THE THICKNESS SPECIFIED.
4. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

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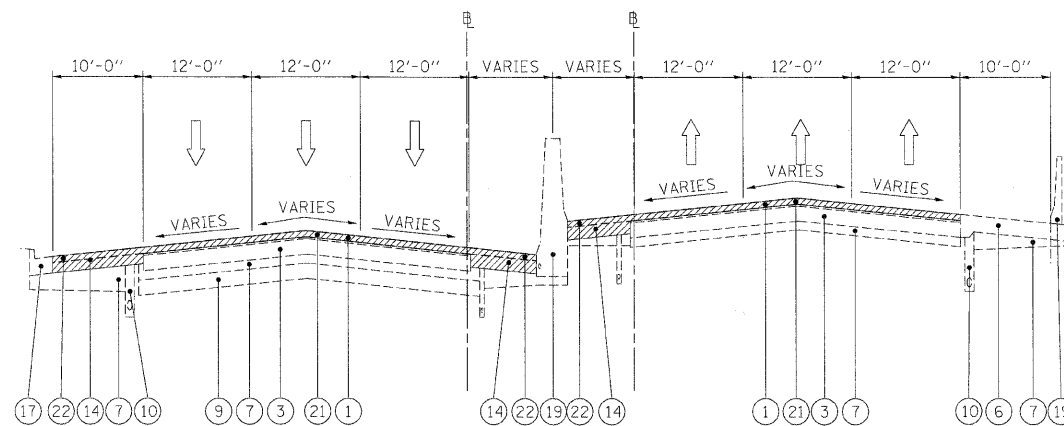
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
I-290 MAINLINE**

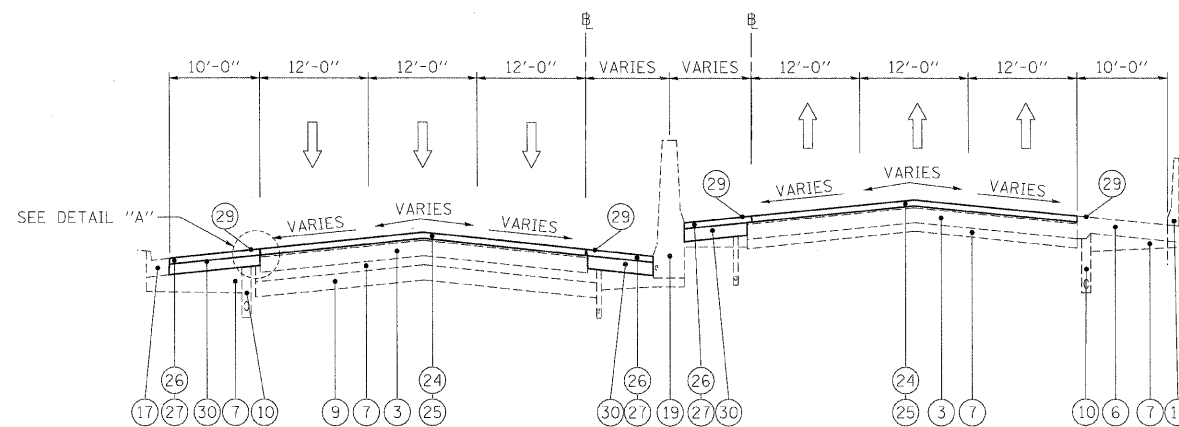
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435/RS-6	COOK	215	8
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



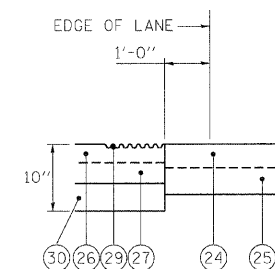
EXISTING TYPICAL SECTION

STA 806+00 TO STA 810+00



PROPOSED TYPICAL SECTION

STA 806+00 TO STA 810+00



DETAIL "A"

LEGEND

- ① EXISTING HMA OVERLAY, VARIES
- 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"
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- ⑨ EXISTING PGE WRAPPED IN FABRIC (VARIOUS LOCATIONS)
- ⑩ EXISTING PIPE UNDERDRAIN
- ⑪ EXISTING P.C.C. SHOULDER
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- 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 HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL) (STA 771+00 TO STA 856+00)

NOTES

1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.
2. 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.
3. THE COST OF HAND REMOVAL OF HMA SURFACE AROUND CASTINGS SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL OF THE THICKNESS SPECIFIED.
4. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

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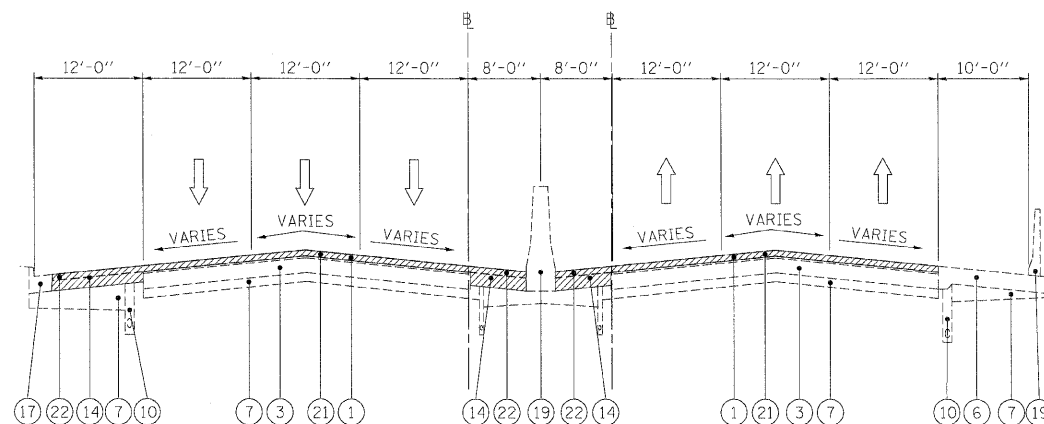
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
I-290 MAINLINE**

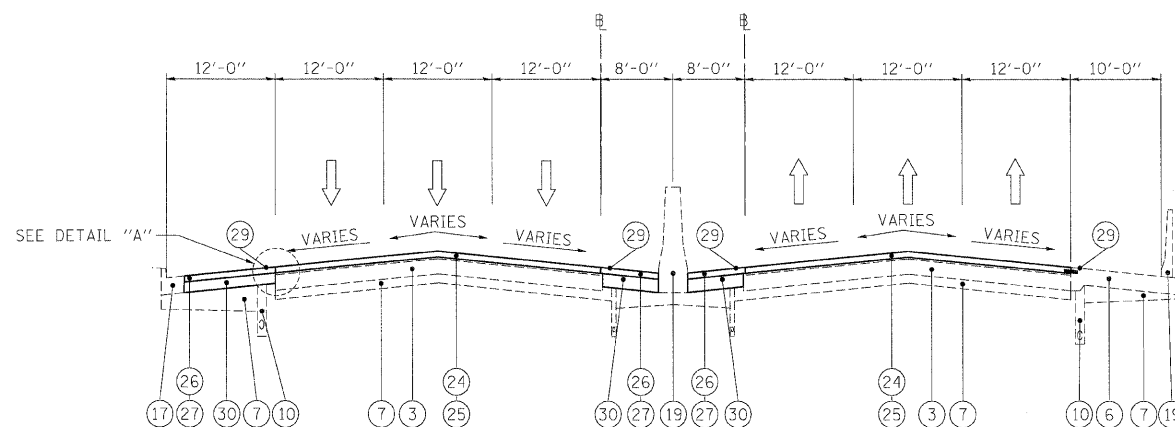
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	{313}, ETC., 3435IRS-6	COOK	215	9
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



EXISTING TYPICAL SECTION

STA 771+00 TO STA 772+50
 STA 789+15 TO STA 791+00
 STA 810+00 TO STA 817+00
 STA 852+90 TO STA 855+20



PROPOSED TYPICAL SECTION

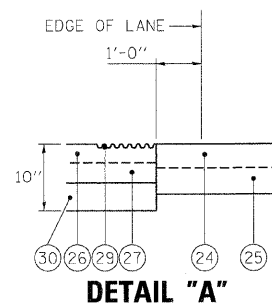
STA 771+00 TO STA 772+50
 STA 789+15 TO STA 791+00
 STA 810+00 TO STA 817+00
 STA 852+90 TO STA 855+20

LEGEND

- ① EXISTING HMA OVERLAY, VARIES*
- 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
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- ⑩ EXISTING PIPE UNDERDRAIN
- ⑪ EXISTING P.C.C. SHOULDER
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- ㉑ HOT-MIX ASPHALT SURFACE REMOVAL 4"
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- 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 HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)

NOTES

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2. 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.
3. THE COST OF HAND REMOVAL OF HMA SURFACE AROUND CASTINGS SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL OF THE THICKNESS SPECIFIED.
4. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.



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

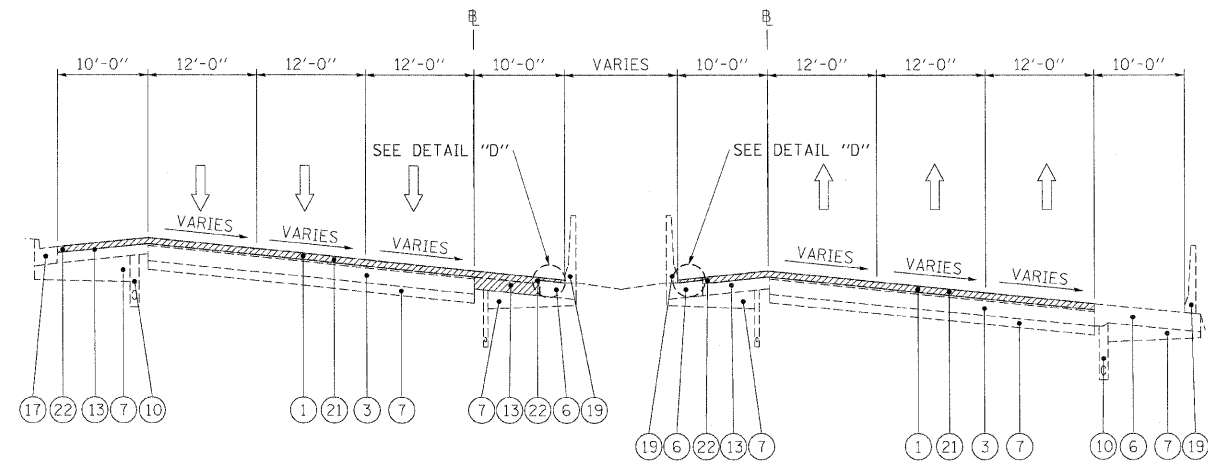
benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
 I-290 MAINLINE**

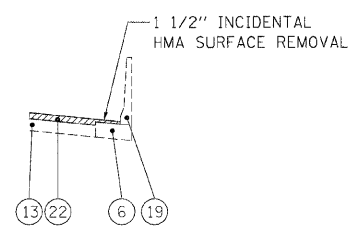
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435IRS-6	COOK	215	10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	

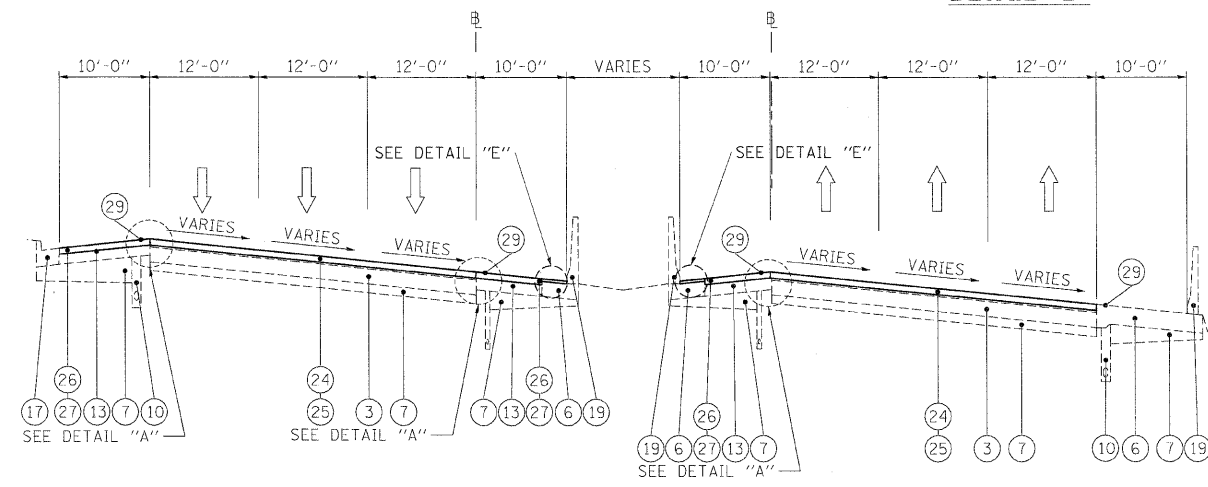


EXISTING TYPICAL SECTION

STA 760+00 TO STA 771+00

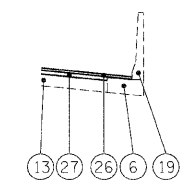


DETAIL "D"

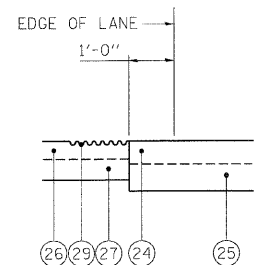


PROPOSED TYPICAL SECTION

STA 760+00 TO STA 771+00



DETAIL "E"



DETAIL "A"

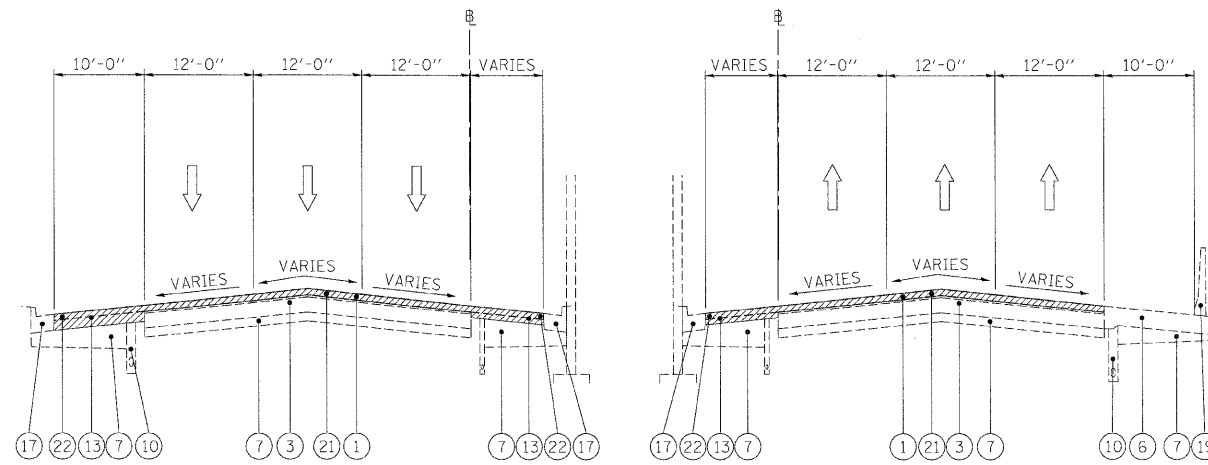
LEGEND

- ① EXISTING HMA OVERLAY, VARIES
- 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, 1L-19.0, N70, 2 1/4"
- ㉘ NOT USED
- ㉙ PROPOSED SHOULDER RUMBLE STRIP (STD. 642001-01)
- ㉚ HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)

NOTES

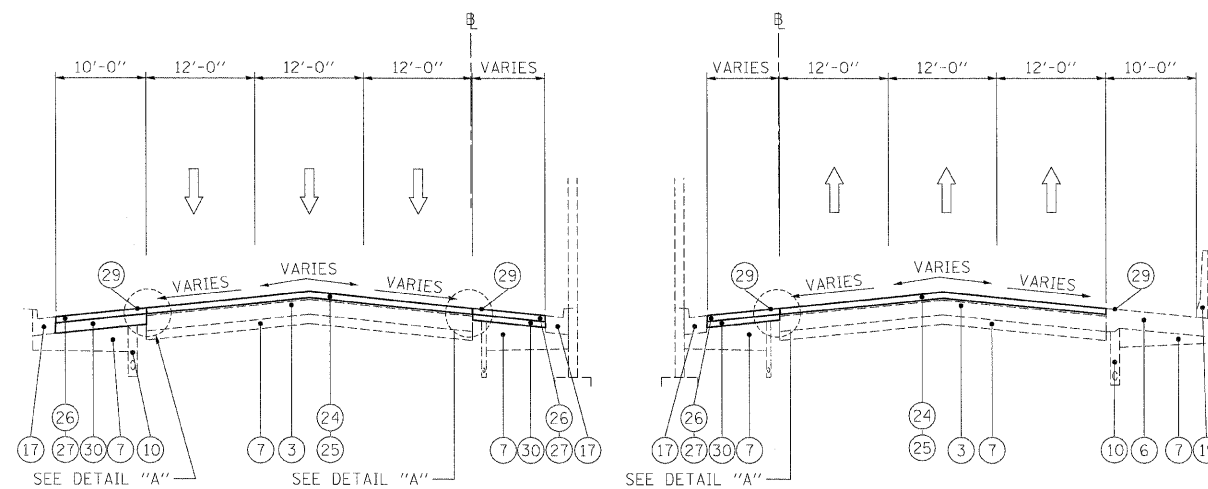
1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.
2. THE EXISTING HMA IN THE FLAG OF THE CURB AND GUTTER SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST. THESE COSTS SHALL BE INCLUDED IN THE UNIT PRICES FOR THE VARIOUS MILLING AND RESURFACING OPERATIONS MEASURED TO THE EDGE OF THE SHOULDER.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

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS I-290 MAINLINE			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \p\p\h\ABC_C2_355.ml_typ.dgn	DRAWN - TMB	REVISED -			290	(3131, ETC., 3435)RS-6	COOK	215	11			
USER NAME = tblank	CHECKED - JMM	REVISED -			CONTRACT NO. 60K10							
PLCT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			ILLINOIS FED. AID PROJECT							
					SCALE: N.T.S.	SHEET NO. 5	OF 10 SHEETS	STA.	TO STA.			



EXISTING TYPICAL SECTION

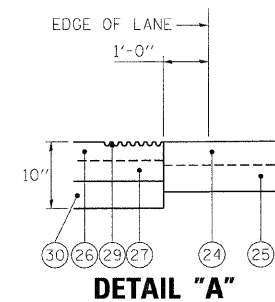
STA 772+50 TO STA 789+15
STA 855+20 TO STA 872+00



PROPOSED TYPICAL SECTION

STA 772+50 TO STA 789+15
STA 855+20 TO STA 872+00

NOTE: LIMIT OF HOT-MIX ASPHALT SHOULDER
REMOVAL AND REPLACEMENT (SPECIAL) - STA 856+00



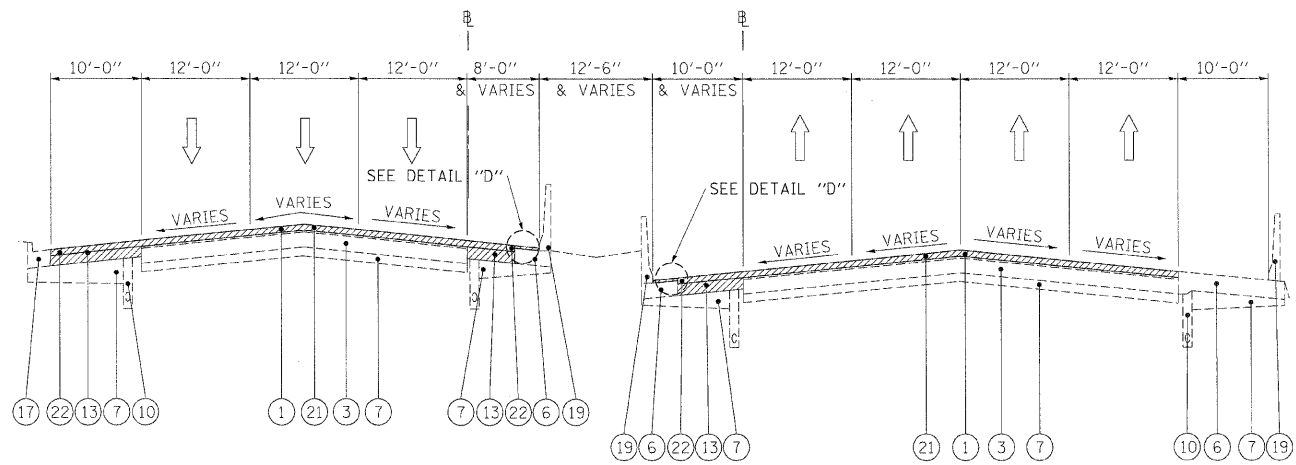
LEGEND

- ① EXISTING HMA OVERLAY, VARIES*
- 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 HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)

NOTES

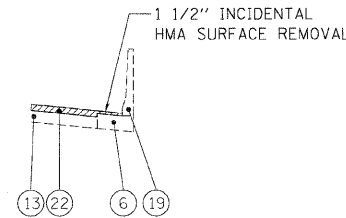
1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.
2. THE EXISTING HMA IN THE FLAG OF THE CURB AND GUTTER SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST. THESE COSTS SHALL BE INCLUDED IN THE UNIT PRICES FOR THE VARIOUS MILLING AND RESURFACING OPERATIONS MEASURED TO THE EDGE OF THE SHOULDER.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

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS I-290 MAINLINE		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...vprpln_abc.c2_355.m1_tsp.23.dgn	DRAWN - TMB	REVISED -			290	(313), ETC., 3435IRS-6	COOK	215	12		
USER NAME = blank	CHECKED - JMM	REVISED -			SCALE: N.T.S., SHEET NO. 6 OF 10 SHEETS STA. TO STA.		CONTRACT NO. 60K10		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -									

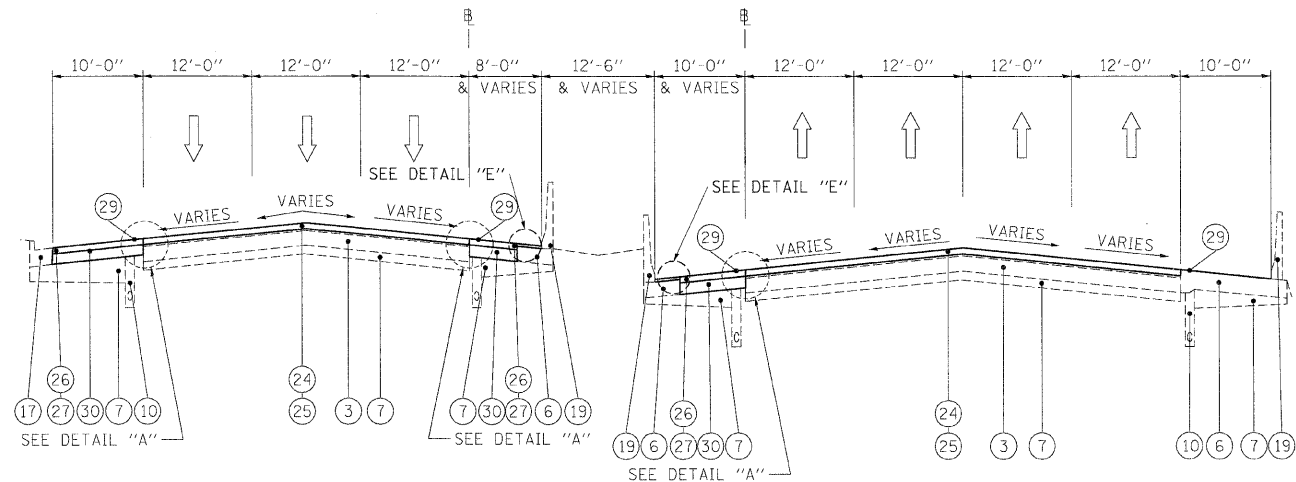


EXISTING TYPICAL SECTION

STA 791+00 TO STA 806+00

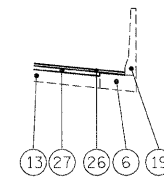


DETAIL "D"

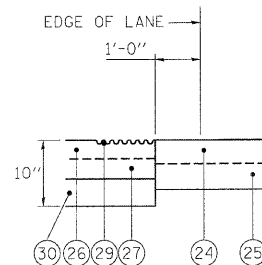


PROPOSED TYPICAL SECTION

STA 791+00 TO STA 806+00



DETAIL "E"



DETAIL "A"

LEGEND

- ① EXISTING HMA OVERLAY, VARIES*
- 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 HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)

NOTES

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4. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

FILE NAME =	DESIGNED - AJP	REVISED -
...prpln_ABC.C2.365.ml.tyo.22.dgn	DRAWN - TMB	REVISED -
USER NAME = talenk	CHECKED - JMM	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

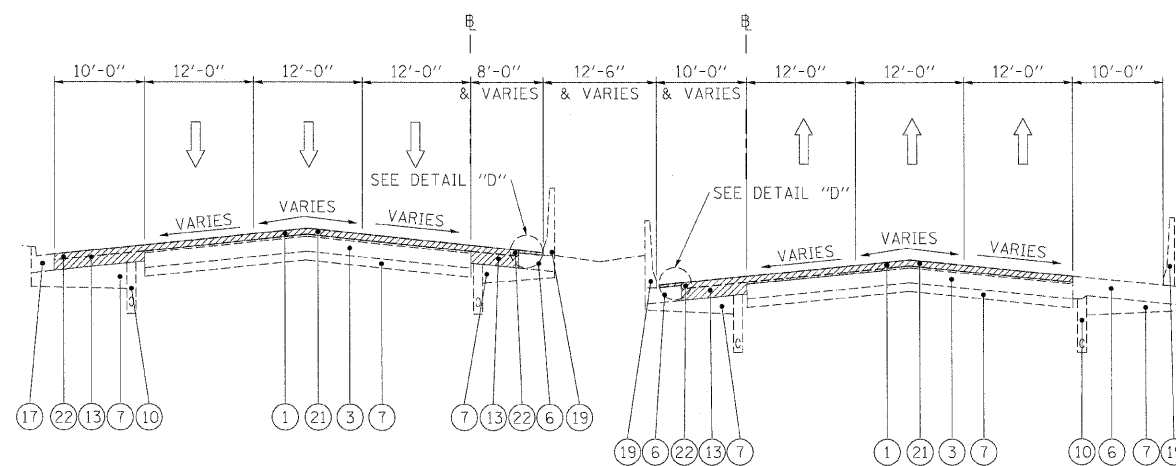
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
I-290 MAINLINE**

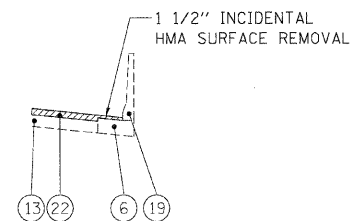
SCALE: N.T.S. SHEET NO. 7 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	13
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	

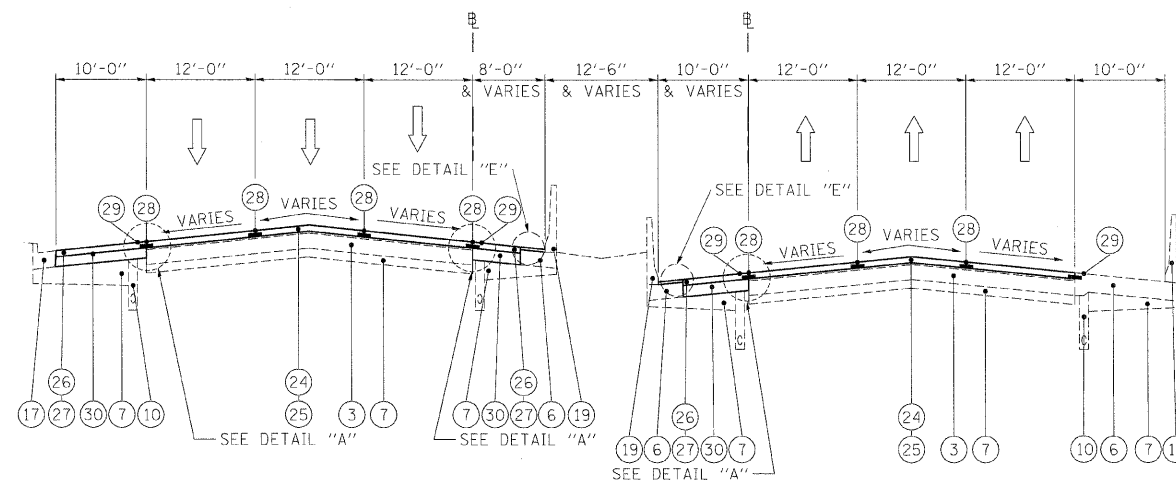


EXISTING TYPICAL SECTION

STA 817+00 TO STA 845+10

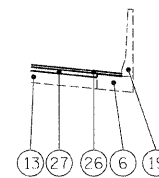


DETAIL "D"

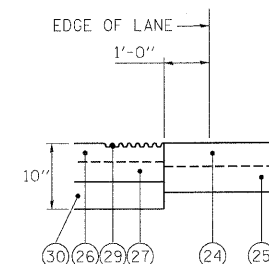


PROPOSED TYPICAL SECTION

STA 817+00 TO STA 845+10



DETAIL "E"



DETAIL "A"

LEGEND

- ① EXISTING HMA OVERLAY, VARIES*
- 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, 1L-19.0, N70, 2 1/4"
- ㉘ NOT USED
- ㉙ PROPOSED SHOULDER RUMBLE STRIP (STD. 642001-01)
- ㉚ HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)

NOTES

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4. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

FILE NAME =	DESIGNED - AJP	REVISED -
... \prr\in\ABC\C2_365_m1_top_28.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

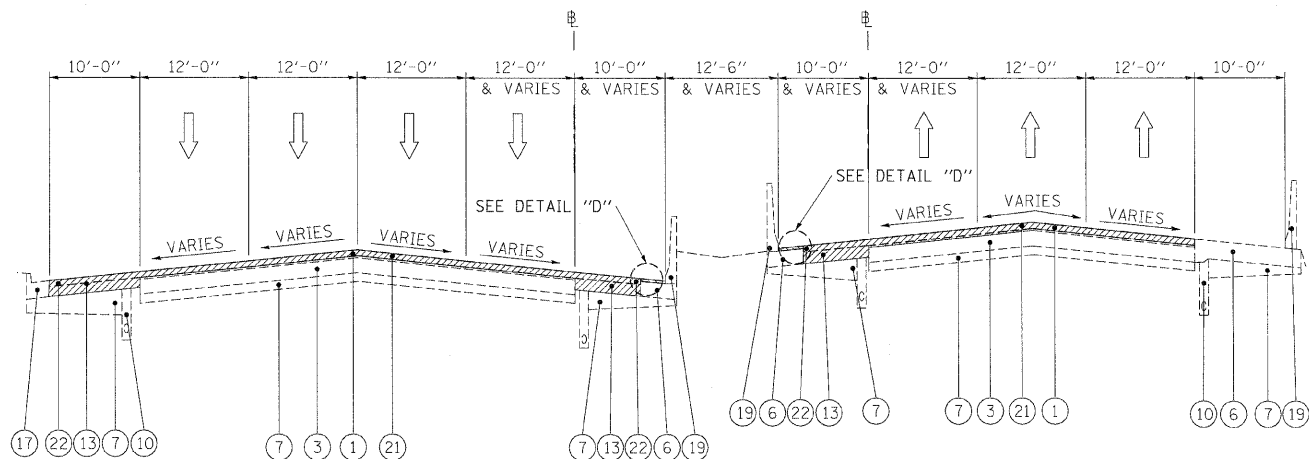
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
I-290 MAINLINE**

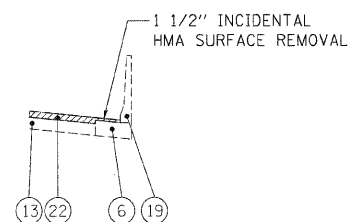
SCALE: N.T.S. SHEET NO. 8 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435/RS-6	COOK	215	14
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60K10	

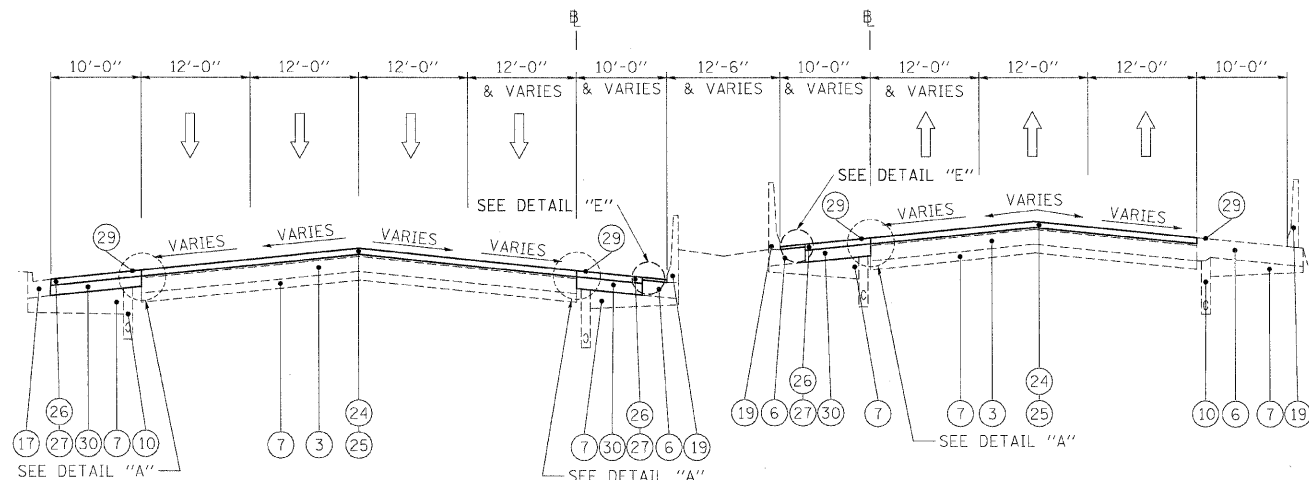


EXISTING TYPICAL SECTION

STA 845+10 TO STA 852+90

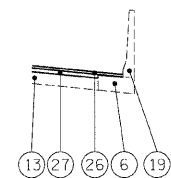


DETAIL "D"

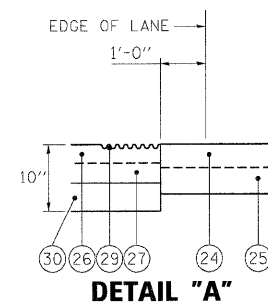


PROPOSED TYPICAL SECTION

STA 845+10 TO STA 852+90



DETAIL "E"



DETAIL "A"

LEGEND

- ① EXISTING HMA OVERLAY, VARIES
- 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 HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)

NOTES

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4. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

FILE NAME =	DESIGNED - AJP	REVISED -
...Norplan_ARC.C2_355_ml_typ_21.dgn	DRAWN - TMB	REVISED -
USER NAME = tblenk	CHECKED - JMM	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

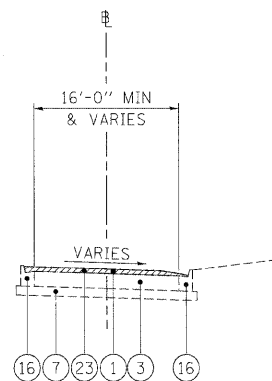
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
I-290 MAINLINE**

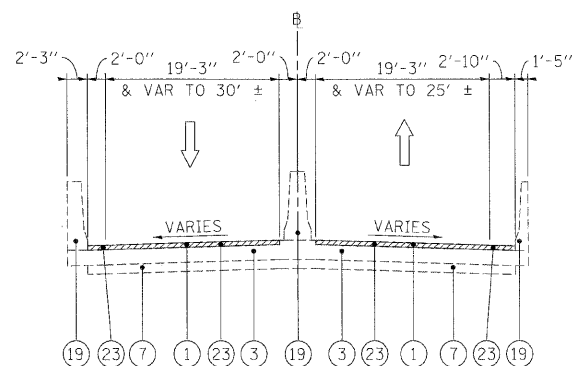
SCALE: N.T.S. SHEET NO. 9 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	15
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



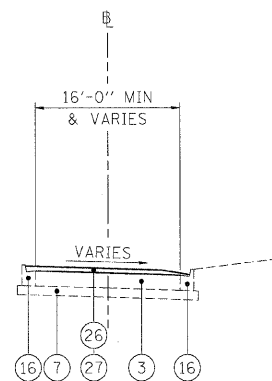
EXISTING TYPICAL SECTION

MAINLINE RAMPS
(FAI -290)



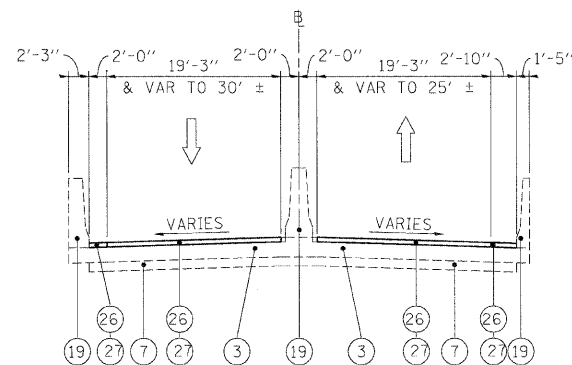
EXISTING TYPICAL SECTION

HARLEM AVE



PROPOSED TYPICAL SECTION

MAINLINE RAMPS
(FAI -290)



PROPOSED TYPICAL SECTION

HARLEM AVE

LEGEND

- ① EXISTING HMA OVERLAY, VARIES
- 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 HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)

NOTES

1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.
2. 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.
3. THE COST OF HAND REMOVAL OF HMA SURFACE AROUND CASTINGS SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL OF THE THICKNESS SPECIFIED.
4. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS I-290 RAMPS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \proj\in\ABC_C2_298_ramp_typ_21.dgn	DRAWN - TMB	REVISED -			290	(3131, ETC., 3435)RS-6	COOK	215	16			
USER NAME = tblank	CHECKED - JMM	REVISED -			SCALE: N.T.S. SHEET NO. 10 OF 10 SHEETS STA. TO STA.			CONTRACT NO. 60K10				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							

CONTRACT 60K10
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	WB	INSIDE SHLDR	668+00	720+26	273	227				2,025	
290	EB	INSIDE SHLDR	668+00	720+26	591	490				4,376	
290	EB	MAINLINE	668+00	720+26	3,206	2,660					23,665
290	WB	MAINLINE	668+00	720+26	3,195	2,650					23,747
290	EB	OUTSIDE SHLDR	668+00	679+39			122	183		1,451	
290	WB	OUTSIDE SHLDR	668+00	679+34			124	186		1,473	
290	EB	RAMP	675+07	679+39	103	86			765		
290	WB	RAMP	675+22	679+34	103	86			764		
290	WB	OUTSIDE SHLDR	679+34	691+29			68	102		813	
290	EB	OUTSIDE SHLDR	679+39	690+96			75	112		890	
290	EB	RAMP	690+96	694+68	89	74			660		
290	EB	OUTSIDE SHLDR	690+96	705+40			143	215		1,708	
290	WB	RAMP	691+29	694+38	68	56			503		
290	WB	OUTSIDE SHLDR	691+29	707+42			199	299		2,370	
290	EB	RAMP	699+71	705+40	258	214			1,911		
290	WB	RAMP	703+36	707+41	84	70			621		
290	WB	OUTSIDE SHLDR	707+41	720+26			110	165		1,312	
290	WB	OUTSIDE SHLDR	723+12	743+82			173	259		2,057	
290	EB	INSIDE SHLDR	723+12	757+05	416	345				3,079	
290	WB	INSIDE SHLDR	723+12	757+05	159	132				1,176	
290	WB	MAINLINE	723+12	872+00	8,946	7,422					66,265
290	EB	MAINLINE	723+13	872+00	8,984	7,453					66,548
290	EB	RAMP	739+23	745+87	180	149			1,330		
290	EB	OUTSIDE SHLDR	739+23	755+12			149	224		1,778	
290	WB	RAMP	743+82	749+14	175	145			1,296		
290	WB	OUTSIDE SHLDR	743+83	770+91			312	468		3,716	
290	CENTER	INSIDE SHLDR	757+05	760+00	94	78				695	
290	CENTER	INSIDE SHLDR	760+00	771+00			208	312		2,473	
290	WB	INSIDE SHLDR	770+91	772+53			9	13		104	
290	WB	OUTSIDE SHLDR	770+91	855+90			887	1,330		10,555	
290	EB	INSIDE SHLDR	771+00	772+41			13	19		150	
290	EB/WB	RAMPS	772+18	779+20	537	446			3,978		
290	EB	INSIDE SHLDR	772+45	789+25			100	150		1,190	
290	WB	INSIDE SHLDR	772+53	789+08			71	106		842	
290	EB/WB	RAMPS	780+84	789+25	628	521			4,652		
290	WB	INSIDE SHLDR	789+08	855+21			448	672		5,334	
290	EB	INSIDE SHLDR	789+25	855+22			625	938		7,442	
290	WB	INSIDE SHLDR	855+18	855+90			1	2		15	
290	EB/WB	RAMPS	855+18	862+23	507	421			3,759		
290	EB	INSIDE SHLDR	855+22	856+00			9	14		108	
290	WB	OUTSIDE SHLDR	855+90	871+96			164	246		1,953	
290	EB/WB	RAMPS	863+74	872+02	677	561					
TOTAL					29,271	24,284	4,010	6,015	20,238	59,086	180,224

CONTRACT 60K10
HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)

DIRECTION	DESCRIPTION	BEGIN STATION	END STATION	(SQ YD)
WB	INSIDE SHLDR	770+90	772+53	104
WB	OUTSIDE SHLDR	770+90	855+90	10,555
EB	INSIDE SHLDR	771+00	772+41	150
EB	INSIDE SHLDR	772+45	789+25	1,190
WB	INSIDE SHLDR	772+53	789+08	842
WB	INSIDE SHLDR	789+08	855+22	5,334
EB	INSIDE SHLDR	789+25	855+22	7,442
WB	INSIDE SHLDR	855+18	855+90	15
EB	INSIDE SHLDR	855+22	856+00	108
TOTAL				25,740

CONTRACT 60K10
CURB SCHEDULE

LOCATION				COMBINATION CURB AND GUTTER REMOVAL	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
ALIGNMENT	DIRECTION	SIDE	STATION	(FOOT)	(FOOT)	(FOOT)
290	EB	R	668+00	150		150
290	EB	R	681+50	90		90
290	EB	R	683+50		10	
290	EB	R	686+20		10	
290	EB	R	701+00		5	
290	WB	L	706+20	90		90
290	RAMP	R	0+50	20		20
290	WB	L	742+00	20		20
290	WB	L	742+00		6	
290	WB	R	754+00	40		40
TOTAL				410	31	410

FILE NAME =	DESIGNED - AJP	REVISED -
...prpln_ABC_C2_sch_01.dgn	DRAWN - TMB	REVISED -
USER NAME = tolenk	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. 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	17
CONTRACT NO. 60K10				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CONTRACT 60K10
RUMBLE STRIP SCHEDULE

I-290 WESTBOUND - INSIDE SHOULDER			
STATION TO STATION		RUMBLE STRIP LENGTH	SHOULDER SURFACE TYPE
START	END	(FOOT)	
668+00	720+26	5,226	HMA
723+13	760+01	3,694	HMA
760+01	764+22	421	HMA
794+79	845+07	5,030	HMA
TOTAL		14,371	

CONTRACT 60K10
RUMBLE STRIP SCHEDULE

I-290 WESTBOUND - OUTSIDE SHOULDER			
STATION TO STATION		RUMBLE STRIP LENGTH	SHOULDER SURFACE TYPE
START	END	(FOOT)	
668+00	679+34	1,134	HMA
683+67	686+32	265	HMA
691+29	707+42	1,604	HMA
711+34	720+25	898	HMA
723+13	736+27	1,509	HMA
743+83	871+96	12,847	HMA
TOTAL		18,257	

CONTRACT 60K10
RUMBLE STRIP SCHEDULE

I-290 EASTBOUND - INSIDE SHOULDER			
STATION TO STATION		RUMBLE STRIP LENGTH	SHOULDER SURFACE TYPE
START	END	(FOOT)	
668+00	720+26	5,226	HMA
723+13	767+35	4,422	HMA
800+19	846+35	4,616	HMA
TOTAL		14,264	

CONTRACT 60K10
RUMBLE STRIP SCHEDULE

I-290 EASTBOUND - OUTSIDE SHOULDER			
STATION TO STATION		RUMBLE STRIP LENGTH	SHOULDER SURFACE TYPE
START	END	(FOOT)	
668+00	679+39	1,139	HMA
682+44	686+64	420	HMA
690+96	705+35	1,444	HMA
710+05	720+26	1,014	CONCRETE
723+13	736+61	1,352	CONCRETE
739+24	755+45	1,612	HMA
755+45	872+00	11,655	CONCRETE
TOTAL		18,636	

CONTRACT 60K10
TEMPORARY INFORMATION SIGNING - STAGE 2

STATION	LEGEND/DESCRIPTION	PANEL		PANEL
		COVER DIMENSIONS		COVER AREA
		WIDTH (FT)	HEIGHT (FT)	(SQ FT)
795+00	HARLEM AVE EXIT ONLY	3.0	19.5	58.5
809+40	EXIT ONLY	2.5	18.0	45.0
836+30	EXIT ONLY	2.5	18.0	45.0
TOTAL				148.5

CONTRACT 60K10
TEMPORARY PAVEMENT MARKING AND TEMPORARY IMPACT ATTENUATOR SCHEDULE

STAGE	WET REFLECTIVE TEMPORARY TAPE - LETTERS AND SYMBOLS	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH	TEMPORARY PAVEMENT MARKING - LINE 6"	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 8 INCH	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 12 INCH	PAVEMENT MARKING REMOVAL	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	EPOXY PAVEMENT MARKING - LINE 4 INCH	EPOXY PAVEMENT MARKING - LINE 8 INCH	EPOXY PAVEMENT MARKING - LINE 5 INCH	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
	(SQ FT)	(FOOT)	(FOOT)		(FOOT)	(FOOT)	(SQ FT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)
1		30,383	1,969	10,298	12,491	1,494	3,310					3	
2	109	36,252	7,296	16,393	7,717	338	12,706					5	3
RESURFACING		26,697	14,369		6,992	1,794		1,000	160,241	9,867	61,200		
TOTAL	109	93,332	23,634	26,691	27,201	3,626	16,016	1,000	160,241	9,867	61,200	8	3

EASTBOUND SIGN SCHEDULE

SIGN NO.	STATION	LEGEND/DESCRIPTION	EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		REMOVE SIGN PANEL-TYPE 1 (SQ FT)	REMOVE SIGN PANEL-TYPE 2 (SQ FT)	REMOVE SIGN PANEL-TYPE 3 (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY - TYPE B EACH	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	SIGN PANEL TYPE 3 (SQ FT)	WOOD SIGN SUPPORT (FOOT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	REMOVAL OF LIGHTING UNIT, NO SALVAGE (EACH)
			WIDTH (FT)	HEIGHT (FT)	WIDTH (FT)	HEIGHT (FT)											
EB-BM-72	672+30	LEFT EXIT 21B - IL 43 HARLEM AVE - LEFT 1 3/4 MILES	20.5	9.5	20.5	9.5			194.8					194.8			1.0
EB-BM-73	672+30	EXIT 21 A - DES PLAINES AVE - 3/4 MILE	21.0	9.5	21.0	9.5			199.5					199.5			1.0
EB-BM-74	672+30	EXIT 20 - IL 171 - 1ST AVE - 1/4 MILE	11.5	9.5	11.5	10.0			109.3					115.0			1.0
EB-BM-74A*	672+30	9TH AVE	5.7	1.5	5.7	1.5	8.5				8.5						
EB-WP-74B	678+20	W4-1R	4.0	4.0	4.0	4.0				1.0		16.0			18.0		
EB-TS-74C	684+75	R2-1 (55 MPH)	4.0	5.0	4.0	5.0				1.0		20.0			18.0		
EB-PM-74D	684+75	R2-1 (55 MPH)	4.0	5.0	4.0	5.0		20.0				20.0					
EB-BM-75	685+50	EXIT 20 - IL 171 - 1ST AVE	14.5	7.0	14.5	8.0			101.5					116.0			1.0
EB-BM-75A*	685+50	5TH AVE	5.7	1.5	5.7	1.5	8.5				8.5						
EB-BM-75B	685+50	14FT 4IN	5.5	1.5	5.5	1.5	8.3				8.3						
EB-WP-76	690+80	EXIT 20	6.0	5.0	6.0	5.0				1.0			30.0	36.0	36.0		
EB-PM-76A	690+82	W13-3 (30 MPH)	3.0	4.0	4.0	5.0		12.0				20.0					
EB-TS-76B*	698+85	ILL RTE 171 - 1ST AVE	7.2	2.5	7.2	2.5				1.0		17.9			18.0		
EB-WP-76C	704+91	W4-1R	4.0	4.0	4.0	4.0				1.0		16.0			18.0		
EB-PM-76D1	708+94	M3-2	2.5	1.3	2.5	1.3	3.1				3.1						
EB-PM-76D2	708+94	M1-1-3 (I 290)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)		9.0				9.0						
EB-PM-76E	712+43	R2-1 (55 MPH)	4.0	5.0	4.0	5.0		20.0				20.0					
EB-PM-76F	715+30	END - TRUCK - LANE - RESTRICTIONS	4.0	5.0	4.0	5.0		20.0				20.0					
EB-PM-76G	715+30	END - TRUCK - LANE - RESTRICTIONS	4.0	5.0	4.0	5.0		20.0				20.0					
EB-TR-77	715+30	LEFT EXIT 21B - IL 43 HARLEM AVE - LEFT 1 MILE	17.0	10.5	17.0	10.5			178.5					178.5			1.0
EB-TR-78	715+30	EXIT 21A - DES PLAINES AVE - 1/2 MILE	18.5	7.5	18.5	7.5			138.8					138.8			1.0
EB-WP-78A	719+92	DES PLAINES RIVER	4.0	2.0	7.8	2.5				1.0		19.4		157.3	18.0		1.0
EB-CL-79	734+30	EXIT 21A - DES PLAINES - AVE	18.5	8.5	18.5	8.5			157.3					157.3			1.0
EB-PM-79A	738+55	W13-3 (30 MPH)	3.0	4.0	4.0	5.0		12.0				20.0					
EB-WP-80	739+15	EXIT 21A	7.5	5.0	7.0	5.0				1.0			35.0	36.0			
EB-TR-81	741+70	LEFT EXIT 21B - IL 43 HARLEM AVE - LEFT 1/2 MILE	18.5	10.5	18.5	10.5			194.3					194.3			1.0
EB-TR-82	741+70	LEFT EXIT 23A - AUSTIN BLVD - LEFT 2 MILES	18.5	7.5	18.5	7.5			138.8					138.8			1.0
EB-TS-82A*	748+99	DES PLAINES AVE	7.8	2.5	7.8	2.5				1.0		19.4			18.0		
EB-BM-83	769+75	LEFT EXIT 21B - IL 43 - HARLEM AVE	19.5	9.5	19.5	9.5			185.3					185.3			1.0
EB-BM-83A*	769+75	CIRCLE AVE	7.0	1.5	7.0	1.5	10.5					10.5					
EB-PM-83B	771+51	W13-3 (30 MPH)	3.0	4.0	4.0	5.0		12.0				20.0					
EB-WP-84	772+50	EXIT 21B	7.5	5.0	7.0	5.0				1.0			35.0	36.0			
EB-PM-84A*	779+50	ILL RTE 43 - HARLEM AVE	7.7	2.5	7.7	2.5		19.2				19.2					
EB-TS-84B	789+15	W4-1L	4.0	4.0	4.0	4.0				1.0		16.0			18.0		
EB-BM-84C*	794+70	HOME AVE	7.0	1.5	7.0	1.5	10.5					10.5					
EB-PM-84D1	801+58	M3-2	2.5	1.3	2.5	1.3	3.1				3.1						
EB-PM-84D2	801+58	M1-1-3 (I 290)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)		9.0				9.0						
EB-PM-84E	805+64	R2-1 (55 MPH)	4.0	5.0	4.0	5.0		20.0				20.0					
EB-BM-85	808+65	LEFT EXIT 23A - AUSTIN BLVD - LEFT 3/4 MILE	15.5	8.5	15.5	8.5			131.8					131.8			1.0
EB-BM-86	808+65	EXIT 23B - CENTRAL AVE - RIGHT 1 1/4 MILES	17.5	8.5	17.5	8.5			148.8					148.8			1.0
EB-BM-86A*	808+65	OAK PARK AVE	8.8	1.5	8.8	1.5		13.1				13.1					
EB-PM-86B	812+35	TRUCKS - USE - 2 - RIGHT - LANES	4.0	5.0	4.0	5.0		20.0				20.0					
EB-GM-87	820+80	CHICAGO CITY LIMITS 1 - CHICAGO DOWNTOWN 9	24.5	5.0	25.5	5.5			122.5					140.3			
EB-BM-88	822+10	LEFT EXIT 23A - AUSTIN BLVD - LEFT 1/2 MILE	18.0	8.0	18.0	8.0			144.0					144.0			1.0
EB-BM-88A*	822+10	EAST AVE	6.0	1.5	6.0	1.5	9.0				9.0						
EB-BM-88B*	835+56	RIDGELAND AVE	9.3	1.5	9.3	1.5		13.9				13.9					
EB-BM-89	849+20	LEFT EXIT 23A - AUSTIN BLVD - 6000 W	20.5	7.5	20.5	7.5			153.8					153.8			1.0
EB-BM-89A*	849+20	LOMBARD AVE	8.5	1.5	8.5	1.5		12.8				12.8					
EB-PM-89B	851+17	W13-3 (30 MPH)	3.0	4.0	4.0	5.0		12.0				20.0					
EB-WP-90	855+22	EXIT 23A	7.5	5.0	7.0	5.0				1.0			35.0	36.0			
EB-BM-91	862+60	EXIT 24B - IL 50 CICERO AVE - 1 1/4 MILES	20.0	9.5	20.0	9.5			190.0					190.0			1.0
EB-BM-92	862+60	EXIT 23B - CENTRAL AVE - RIGHT 1/4 MILE	16.0	9.5	16.0	9.5			152.0					152.0			1.0
EB-BM-92A*	862+60	AUSTIN BLVD - 6000 W	7.7	2.5	7.7	2.5		19.2				19.2					
EB-WP-92B	871+89	W4-3L	4.0	4.0	4.0	4.0						16.0			18.0		
EASTBOUND SUBTOTAL							59	268	2641	1	11	59	440	2814	216	108	16

*EXISTING SIGN DIMENSIONS NOT AVAILABLE; PROPOSED SIGN DIMENSIONS USED

FILE NAME =	DESIGNED - SEW	REVISED -	 LIN ENGINEERING, LTD. Consulting Engineers <small>Channahon, Illinois Westmont, Illinois</small>	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	DRAWN - SEW	REVISED -						290	(3131, ETC., 3435) RS-6	COOK	215	20
USER NAME = #USER#	CHECKED - FML	REVISED -			SCALE: N.T.S. SHEET NO. 1 OF 3 SHEETS STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60K10		
PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -										

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-86	673+00	EXITS 18A -B - 25TH AVE - 1 MILE	13.5	8.5	13.0	8.5			114.8					110.5			1.0
WB-BM-87	673+00	EXIT 19A - 17TH AVE - 1/4 MILE	13.0	8.5	13.0	8.5			110.5					110.5			1.0
WB-BM-87B	673+00	14FT 3IN	5.5	1.5	5.5	1.5	8.3					8.3					
WB-BM-87A*	673+00	9TH AVE	5.7	1.5	5.7	1.5	8.5					8.5					
WB-WP-88	678+30	EXIT 19B	7.5	5.0	7.0	5.0					1.0			35.0	36.0		
WB-PM-88A	679+49	W13-3 (30 MPH)	3.0	4.0	4.0	5.0		12.0				20.0		105.0			1.0
WB-BM-89	686+40	EXIT 19B - 9TH AVE	15.0	7.0	15.0	7.0			105.0					105.0			
WB-BM-89A*	686+40	5TH AVE	5.7	1.5	5.7	1.5	8.5					8.5					
WB-BM-89B	686+40	14FT 4IN	5.5	1.5	5.5	1.5	8.3					8.3					
WB-PM-89C1	688+53	M3-4	2.5	1.3	2.5	1.3	3.1					3.1					
WB-PM-89C2	688+53	M1-1-3 (I 290)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)		9.0					9.0					
WB-TS-89D	692+52	W4-1R	4.0	4.0	4.0	4.0					1.0					18.0	
WB-PM-89E	691+78	R2-1 (55 MPH)	4.0	5.0	4.0	5.0		20.0				20.0					
WB-BM-90	699+70	EXIT 19A - 17TH AVE - 3/4 MILE	13.0	8.5	13.0	8.5			110.5					110.5			1.0
WB-BM-90A	699+70	14FT 5IN	5.5	1.5	5.5	1.5	8.3					8.3					
WB-BM-91	699+70	EXIT 19B - 9TH AVE - 1/4 MILE	12.0	8.5	12.0	8.5			102.0					102.0			1.0
WB-TS-91A*	699+70	ILL RTE 171 - 1ST AVE	7.2	2.5	7.2	2.5					1.0		17.9			18.0	
WB-WP-92	706+50	EXIT 20	6.0	5.0	6.0	5.0					1.0			30.0	36.0		
WB-PM-92A	708+23	W13-3 (30 MPH)	3.0	4.0	4.0	5.0		12.0					20.0				
WB-CL-93	712+50	EXIT 20 - IL 171 - 1ST AVE	13.5	7.0	13.5	8.0			94.5					108.0			1.0
WB-TS-93A	722+66	DES PLAINES RIVER	4.0	2.0	7.8	2.5				1.0			19.4			18.0	
WB-TR-94	734+30	EXIT 19B - 9TH AVE - 1 MILE	14.5	8.0	14.5	8.0			116.0					116.0			1.0
WB-TR-95	734+30	EXIT 20 - IL 171 - 1ST AVE - 1/2 MILE	14.0	8.0	14.0	11.5			112.0					161.0			1.0
WB-PM-95A	734+30	R2-1 (55 MPH)	4.0	5.0	4.0	5.0		20.0					20.0				
WB-PM-95B1	737+28	M3-4	2.5	1.3	2.5	1.3	3.1					3.1					
WB-PM-95B2	737+28	M1-1-3 (I 290)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)		9.0					9.0					
WB-TS-95C	744+33	W4-1R	4.0	4.0	4.0	4.0					1.0		16.0			18.0	
WB-WP-95D*	750+67	DES PLAINES AVE	7.8	2.5	7.8	2.5					1.0		19.4		36.0		
WB-PM-95H	759+50	TRUCKS - USE - 2 - RIGHT - LANES	4.0	5.0	4.0	5.0		20.0					20.0				
WB-PM-95I	761+00	TRUCKS - USE - 2 - RIGHT - LANES	4.0	5.0	4.0	5.0		20.0					20.0				
WB-BM-95E*	770+24	CIRCLE AVE	7.0	1.5	7.0	1.5			10.5				10.5				
WB-PM-95F	773+53	W4-1L	4.0	4.0	4.0	4.0			16.0				16.0				
WB-BM-96	780+60	EXIT 20 - IL 171 - 1ST AVE - RIGHT 1 1/4 MILES	18.5	8.5	18.5	11.0			157.3					203.5			1.0
WB-TS-96A*	780+60	ILL RTE 43 - HARLEM AVE	7.7	2.5	7.7	2.5					1.0		19.2			18.0	
WB-WP-97	789+20	EXIT 21B	7.5	5.0	7.0	5.0					1.0			35.0	36.0		
WB-PM-97A	792+37	W13-3 (30 MPH)	3.0	4.0	4.0	5.0		12.0					20.0				
WB-BM-98	795+00	LEFT EXIT 21B - IL 43 - HARLEM AVE	18.0	8.5	18.0	8.5			153.0					153.0			1.0
WB-BM-98A*	795+00	HOME AVE	7.0	1.5	7.0	1.5		10.5					10.5				
WB-BM-99	809+40	LEFT EXIT 21B - IL 43 HARLEM AVE - LEFT 1/4 MILE	18.0	10.5	18.0	10.5			189.0					189.0			1.0
WB-BM-99A*	809+40	OAK PARK AVE	8.8	1.5	8.8	1.5		13.1					13.1				
WB-BM-99B*	822+77	EAST AVE	6.1	1.5	6.1	1.5		9.2					9.2				
WB-PM-99C	834+00	END - TRUCK - LANE - RESTRICTIONS	4.0	5.0	4.0	5.0		20.0					20.0				
WB-BM-100	836+30	LEFT EXIT 21B - IL 43 HARLEM AVE - LEFT 3/4 MILE	21.0	9.5	21.0	9.5			199.5					199.5			1.0
WB-BM-100A*	836+30	RIDGELAND AVE	9.3	1.5	9.3	1.5		13.9					13.9				
WB-BM-100B*	849+74	LOMBARD AVE	8.5	1.5	8.5	1.5		12.8					12.8				
WB-PM-100C	856+25	W4-1L	4.0	4.0	4.0	4.0		16.0					16.0				
WB-TS-100D*	863+35	AUSTIN BLVD - 6000 W	7.7	2.5	7.7	2.5					1.0			19.2			18.0
WB-TS-100E1	866+78	M3-4	2.5	1.3	2.5	1.3				1.0		3.1				18.0	
WB-TS-100E2	866+78	M1-1-3 (I 290)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)		7.0			1.0		9.0					
WB-WP-101	871+95	EXIT 23A	7.5	5.0	7.0	5.0					1.0			35.0	36.0		
WESTBOUND SUBTOTAL							66	238	1564	3	10	79	389	1804	180	126	12

*EXISTING SIGN DIMENSIONS NOT AVAILABLE; PROPOSED SIGN DIMENSIONS USED

FILE NAME =	DESIGNED - SEW	REVISED -	 LIN ENGINEERING, LTD. Consulting Engineers Channah, Illinois Westmont, Illinois	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			SCHEDULE OF QUANTITIES			F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	DRAWN - SEW	REVISED -								290	(3131, ETC., 3435) RS-6	COOK	215	21
USER NAME = #USER#	CHECKED - FML	REVISED -		SCALE: N.T.S.			SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -		CONTRACT NO. 60K10										

MILE POST MARKER ASSEMBLY

DIRECTION	EACH
EASTBOUND	8
WESTBOUND	8
TOTAL	16

FILE NAME =	DESIGNED - SEW	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 - SEW	REVISED -			290	(3131, ETC., 3435) RS-6	COOK	215	22			
USER NAME = #USER#	CHECKED - FML	REVISED -						CONTRACT NO. 60K10				
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
672+15 - 120' L	678+80 - 120' L	6'11" x 6'4"	626.7	150.0	17.0
678+80 - 120' L	686+80 - 120' L	6'11" x 6'4"	100.0	10.0	1.0
678+80 - 120' L	686+80 - 120' L	6'11" x 6'4"	17.6	10.0	1.0
686+80 - 120' L	693+00 - 120' L	6'11" x 6'4"	89.1	235.0	15.0
693+00 - 120' L	698+85 - 120' L	6'11" x 6'4"	170.0	75.0	10.0
698+85 - 120' L	705+60 - 100' L	6'11" x 6'4"	336.0	20.0	5.0
698+85 - 120' L	705+60 - 100' L	6'11" x 6'4"	490.7	10.0	2.3
705+60 - 100' L	711+20 - 0'	6'11" x 6'4"	0.0	562.0	40.0
711+20 - 0'	716+20 - 45' R	6'11" x 6'4"	0.0	520.0	36.0
716+20 - 45' R	719+28 - 78' R	6'11" x 6'4"	0.0	300.0	21.0
723+00 - 0'	719+28 - 78' R	5'10" x 5'5"	0.0	397.0	40.0
728+00 - 0'	723+00 - 0'	5'10" x 5'5"	0.0	543.0	25.0
733+15 - 0'	728+00 - 0'	5'10" x 5'5"	513.9	514.0	50.0
739+00 - 55' R	733+15 - 0'	5'10" x 5'5"	0.0	582.0	46.0
745+15 - 50' R	739+00 - 55' R	5'10" x 5'5"	613.0	613.0	60.0
750+75 - 0'	745+15 - 50' R	6' x 5'9"	0.0	604.0	60.0
756+15 - 40' R	750+75 - 0'	6' x 5'9"	23.2	510.0	50.0
762+65 - 10' R	756+15 - 40' R	6' x 5'9"	438.6	220.0	28.0
767+40 - 50' R	762+65 - 10' R	6' x 5'9"	161.5	351.0	36.0
770+65 - 55' R	767+40 - 50' R	6' x 5'9"	325.1	280.0	30.0
776+75 - 40' R	770+65 - 55' R	6'2" x 5'10"	0.0	601.0	65.0
782+70 - 40' R	776+75 - 40' R	6'2" x 5'10"	0.0	603.0	67.0
788+65 - 40' R	782+70 - 40' R	6'2" x 5'10"	0.0	595.0	65.0
794+30 - 40' R	788+65 - 40' R	6'2" x 5'10"	596.3	596.0	65.0
800+75 - 40' R	794+30 - 40' R	6'2" x 5'10"	645.2	547.0	60.0
807+00 - 40' R	800+75 - 40' R	6'2" x 5'10"	645.2	645.2	71.0
810+00 - 40' R	807+00 - 40' R	5'5" x 5'3"	0.0	308.0	41.0
815+85 - 45' R	810+00 - 40' R	5'5" x 5'3"	0.0	584.0	25.0
821+75 - 0'	815+85 - 45' R	5'5" x 5'3"	0.0	590.0	50.0
823+75 - 40' R	821+75 - 0'	5'5" x 5'3"	150.6	65.0	6.0
830+35 - 40' R	823+75 - 40' R	5'5" x 5'3"	658.8	659.0	90.0
835+60 - 50' R	830+35 - 40' R	5'5" x 5'3"	562.1	499.0	69.0
836+70 - 50' R	835+60 - 50' R	5'5" x 5'3"	120.1	120.0	16.0
841+50 - 50' R	836+70 - 50' R	4'8" x 4'2"	264.0	5.0	0.5
849+00 - 50' R	841+50 - 50' R	4'8" x 4'2"	220.3	1.0	0.1
852+35 - 40' R	849+00 - 50' R	4'8" x 4'2"	90.6	5.0	0.5
852+35 - 40' R	849+00 - 50' R	4'8" x 4'2"	274.9	5.0	0.5
852+35 - 40' R	849+00 - 50' R	4'8" x 4'2"	308.7	5.0	0.5
852+35 - 40' R	849+00 - 50' R	4'8" x 4'2"	327.2	10.0	1.0
857+25 - 50' R	852+35 - 40' R	4'8" x 4'2"	24.8	5.0	0.5
857+25 - 50' R	852+35 - 40' R	4'8" x 4'2"	336.8	5.0	0.5
857+25 - 50' R	852+35 - 40' R	4'8" x 4'2"	402.0	5.0	0.5
857+25 - 50' R	852+35 - 40' R	4'8" x 4'2"	423.4	5.0	0.5
857+25 - 50' R	852+35 - 40' R	4'8" x 4'2"	455.6	5.0	0.5
857+25 - 50' R	852+35 - 40' R	4'8" x 4'2"	477.9	5.0	0.5
863+85 - 45' R	857+25 - 50' R	4'8" x 4'2"	48.0	5.0	0.5
863+85 - 45' R	857+25 - 50' R	4'8" x 4'2"	175.0	5.0	0.5
863+85 - 45' R	857+25 - 50' R	4'8" x 4'2"	220.7	5.0	0.5
863+85 - 45' R	857+25 - 50' R	4'8" x 4'2"	292.3	5.0	0.5
863+85 - 45' R	857+25 - 50' R	4'8" x 4'2"	370.4	5.0	0.5
863+85 - 45' R	857+25 - 50' R	4'8" x 4'2"	693.4	200.0	12.0
868+00 - 40' R	863+85 - 45' R	4'8" x 4'2"	85.9	5.0	0.5
868+00 - 40' R	863+85 - 45' R	4'8" x 4'2"	165.7	5.0	0.5
868+00 - 40' R	863+85 - 45' R	4'8" x 4'2"	370.0	40.0	4.0
			TOTAL	13320	

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
672+15 - 120' L	678+80 - 120' L	6'11" x 6'4"	17.6	4.0
693+00 - 120' L	698+85 - 120' L	6'11" x 6'4"	377.5	9.5
698+85 - 120' L	705+60 - 100' L	6'11" x 6'4"	527.1	18.5
711+20 - 0'	716+20 - 45' R	6'11" x 6'4"	517.7	22.0
716+20 - 45' R	719+28 - 78' R	6'11" x 6'4"	94.5	7.5
716+20 - 45' R	719+28 - 78' R	6'11" x 6'4"	197.7	18.5
723+00 - 0'	719+28 - 78' R	5'10" x 5'5"	28.4	4.0
723+00 - 0'	719+28 - 78' R	5'10" x 5'5"	267.3	2.0
728+00 - 0'	723+00 - 0'	5'10" x 5'5"	72.2	2.0
728+00 - 0'	723+00 - 0'	5'10" x 5'5"	346.2	3.5
733+15 - 0'	728+00 - 0'	5'10" x 5'5"	11.4	9.5
733+15 - 0'	728+00 - 0'	5'10" x 5'5"	453.2	2.0
739+00 - 55' R	733+15 - 0'	5'10" x 5'5"	254.5	16.0
745+15 - 50' R	739+00 - 55' R	5'10" x 5'5"	173.6	2.0
745+15 - 50' R	739+00 - 55' R	5'10" x 5'5"	602.0	2.0
750+75 - 0'	745+15 - 50' R	6' x 5'9"	39.5	2.0
750+75 - 0'	745+15 - 50' R	6' x 5'9"	542.4	5.0
776+75 - 40' R	770+65 - 55' R	6'2" x 5'10"	338.4	16.0
782+70 - 40' R	776+75 - 40' R	6'2" x 5'10"	6.9	2.0
782+70 - 40' R	776+75 - 40' R	6'2" x 5'10"	119.0	16.0
800+75 - 40' R	794+30 - 40' R	6'2" x 5'10"	492.5	2.0
800+75 - 40' R	794+30 - 40' R	6'2" x 5'10"	637.4	16.0
807+00 - 40' R	800+75 - 40' R	6'2" x 5'10"	100.6	16.0
815+85 - 45' R	810+00 - 40' R	5'5" x 5'3"	212.0	14.0
815+85 - 45' R	810+00 - 40' R	5'5" x 5'3"	121.7	14.0
823+75 - 40' R	821+75 - 0'	5'5" x 5'3"	55.3	14.0
841+50 - 50' R	836+70 - 50' R	4'8" x 4'2"	456.0	12.0
849+00 - 50' R	841+50 - 50' R	4'8" x 4'2"	480.7	2.0
863+85 - 45' R	857+25 - 50' R	4'8" x 4'2"	442.1	12.0
868+00 - 40' R	863+85 - 45' R	4'8" x 4'2"	405.9	12.0
			TOTAL	278

• 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 -
#FILE#	DRAWN - SGL	REVISED -
USER NAME = #USER#	CHECKED - FML	REVISED -
PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435) RS-6	COOK	215	23
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60K10	


DRAINAGE STRUCTURE STA - O/S*	DRAINAGE STRUCTURES TO BE CLEANED
FROM EB ALIGNMENT	EACH
672+15 - 120' L	1
678+80 - 120' L	1
686+80 - 120' L	1
693+00 - 120' L	1
698+85 - 120' L	1
705+60 - 100' L	1
711+20 - 0'	1
716+20 - 45' R	1
719+28 - 78' R	1
723+00 - 0'	1
728+00 - 0'	1
733+15 - 0'	1
739+00 - 55' R	1
745+15 - 50' R	1
750+75 - 0'	1
756+15 - 40' R	1
762+65 - 10' R	1
767+40 - 50' R	1
770+65 - 55' R	1
776+75 - 40' R	1
782+70 - 40' R	1
788+65 - 40' R	1
794+30 - 40' R	1
800+75 - 40' R	1
807+00 - 40' R	1
810+00 - 40' R	1
815+85 - 45' R	1
821+75 - 0'	1
823+75 - 40' R	1
830+35 - 40' R	1
835+60 - 50' R	1
836+70 - 50' R	1
841+50 - 50' R	1
849+00 - 50' R	1
852+35 - 40' R	1
857+25 - 50' R	1
863+85 - 45' R	1
868+00 - 40' R	1
JOBSITE	343
TOTAL	381

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.
678+80 - 120' L	686+80 - 120' L	6'11" x 6'4"	736.0	0.3	2.0	-
678+80 - 120' L	686+80 - 120' L	6'11" x 6'4"	781.8	1.5	-	40.0
693+00 - 120' L	698+85 - 120' L	6'11" x 6'4"	9.5	1.5	-	40.0
693+00 - 120' L	698+85 - 120' L	6'11" x 6'4"	376.6	0.3	2.0	-
693+00 - 120' L	698+85 - 120' L	6'11" x 6'4"	379.0	1.0	-	32.0
693+00 - 120' L	698+85 - 120' L	6'11" x 6'4"	382.9	1.0	-	32.0
693+00 - 120' L	698+85 - 120' L	6'11" x 6'4"	478.3	0.3	2.0	-
711+20 - 0'	716+20 - 45' R	6'11" x 6'4"	8.1	1.5	-	40.0
733+15 - 0'	728+00 - 0'	5'10" x 5'5"	494.6	0.3	-	16.0
823+75 - 40' R	821+75 - 0'	5'5" x 5'3"	128.1	1.0	2.0	-
857+25 - 50' R	852+35 - 40' R	4'8" x 4'2"	444.2	0.3	-	16.0
863+85 - 45' R	857+25 - 50' R	4'8" x 4'2"	538.0	0.3	16.0	-
TOTAL					30	216

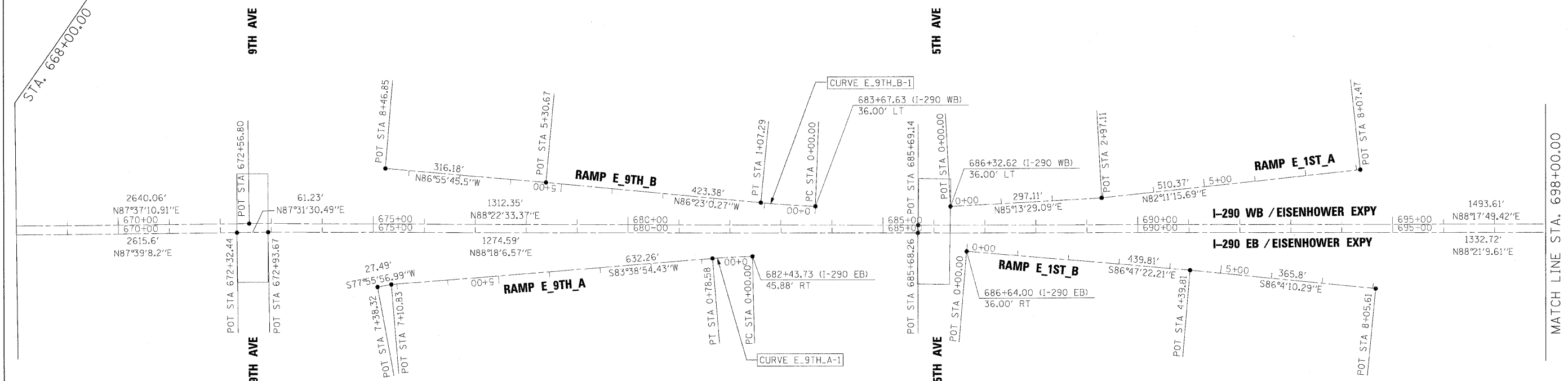
PUMP STATION	AREA	DEPTH	VOLUME OF WET PIT	VOLUME OF DEBRIS IN WET PIT (ASSUME 25% FULL)	CLEANING OF WET PIT PRIOR TO CONSTRUCTION**	CLEANING OF WET PIT AFTER COMPLETION OF CONSTRUCTION**	CLEANING OF WET PIT TOTAL**
NO.	SQ YD	FT	CU YD	CU YD	TONS	TONS	TONS
4	127	64	2709	677	1006	1006	2012

* 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.

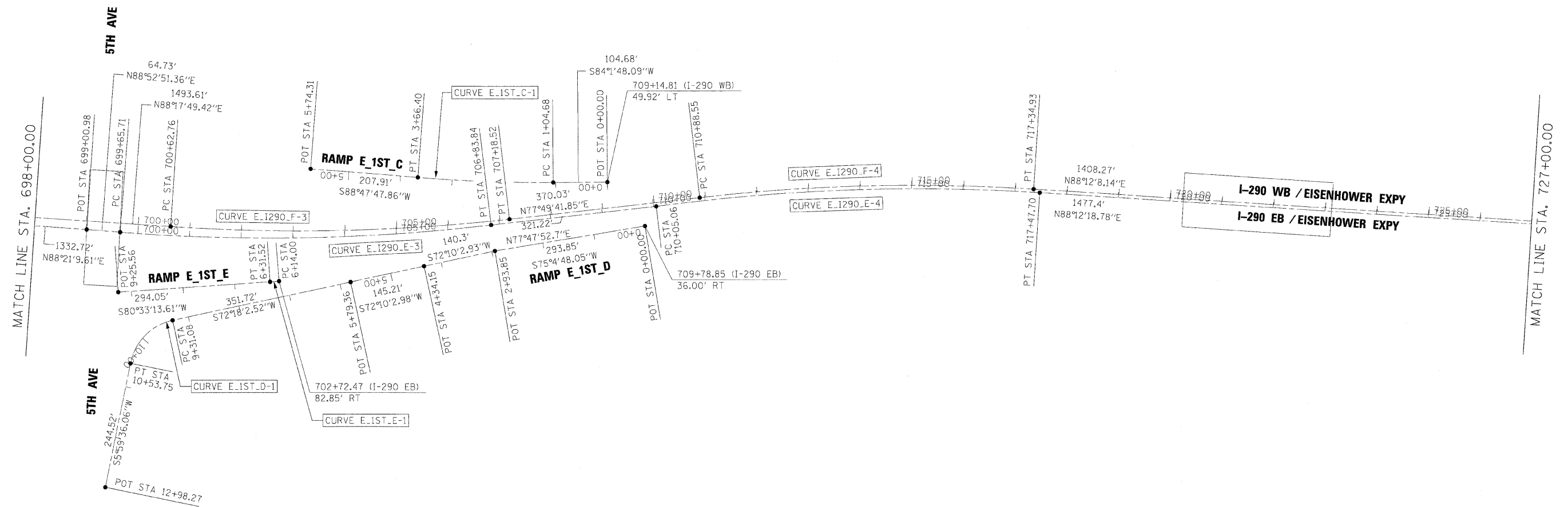
** AN ESTIMATED DEBRIS DENSITY OF 110 LB/CF HAS BEEN UTILIZED.

FILE NAME =	DESIGNED - SGL	REVISED -	 LIN ENGINEERING, LTD. Consulting Engineers <small>Channahon, 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	(3131, ETC., 3435) RS-6	COOK	215	24			
USER NAME = #USER#	CHECKED - FML	REVISED -			CONTRACT NO. 60K10							
PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -			SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

CONTRACT 60G52 CONTRACT 60K10



FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...:\expln\ABC_C2_290_ML_exd\ign_08.dgn	DRAWN - TMB	REVISED -			I-290 MAINLINE POB TO STA 698+00			290	(3131, ETC., 3435)RS-6	COOK	215	25	
USER NAME = tbenk	CHECKED - JMM	REVISED -			SCALE: 1"=100'	SHEET NO. 1 OF 16 SHEETS	STA.	TO STA.	CONTRACT NO. 60K10				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



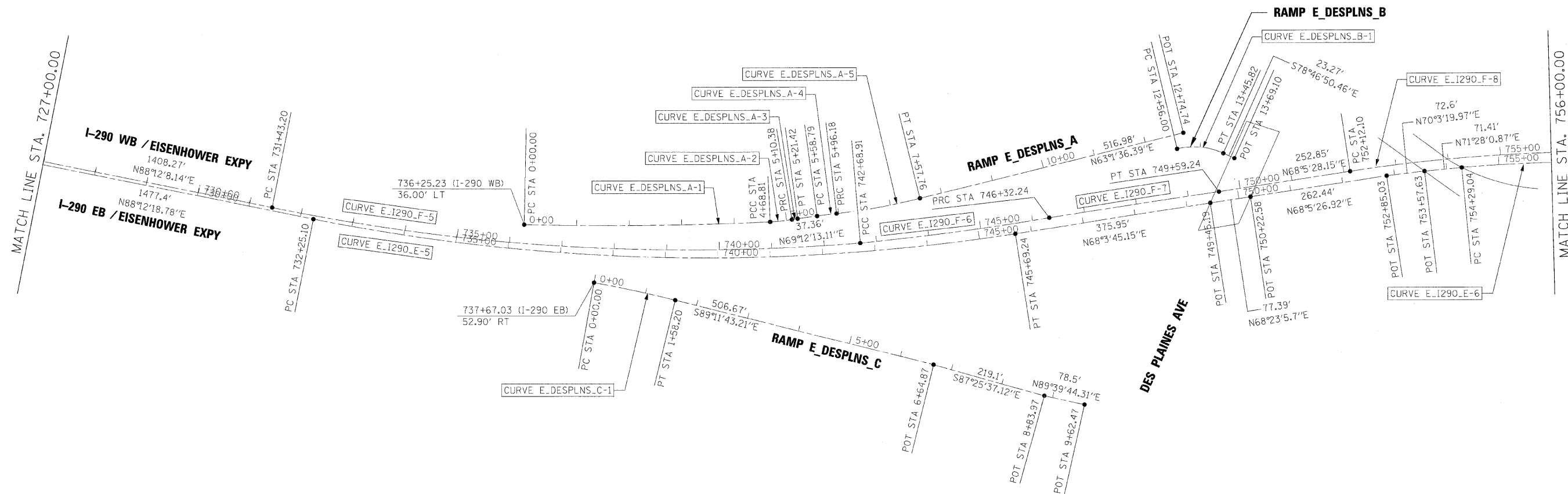
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT PLAN	
I-290 MAINLINE STA 698+00 TO STA 727+00	
SCALE: 1"=100'	TO STA.
SHEET NO. 2	OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	26
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



FILE NAME =	DESIGNED - AJP	REVISED -
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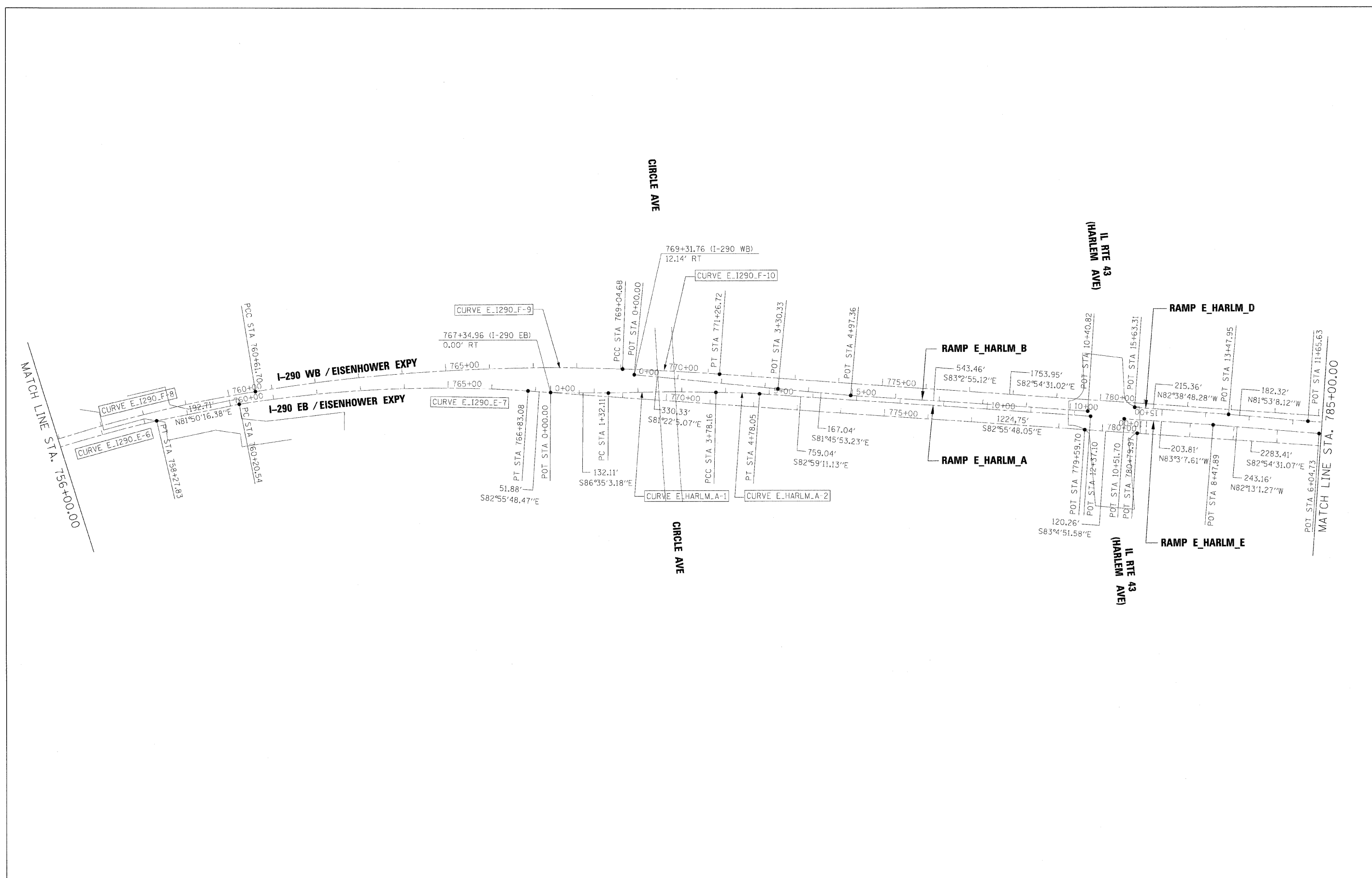
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT PLAN
I-290 MAINLINE STA 727+00 TO STA 756+00
SCALE: 1"=100' SHEET NO. 3 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	13131, ETC., 3435/RS-6	COOK	215	27
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CONTRACT NO. 60K10



FILE NAME =	DESIGNED - AJP	REVISED -
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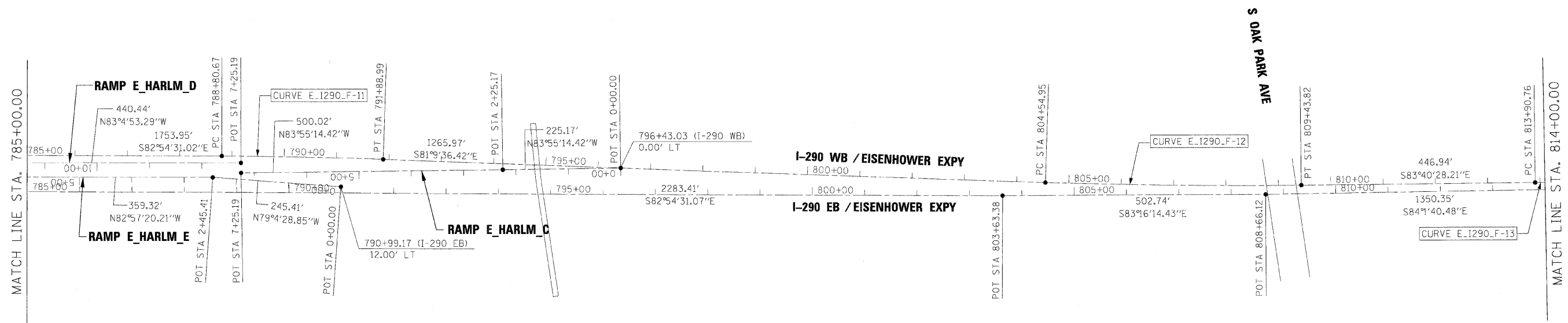
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT PLAN
I-290 MAINLINE STA 756+00 TO STA 785+00
 SCALE: 1"=100' SHEET NO. 4 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	28
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 60K10



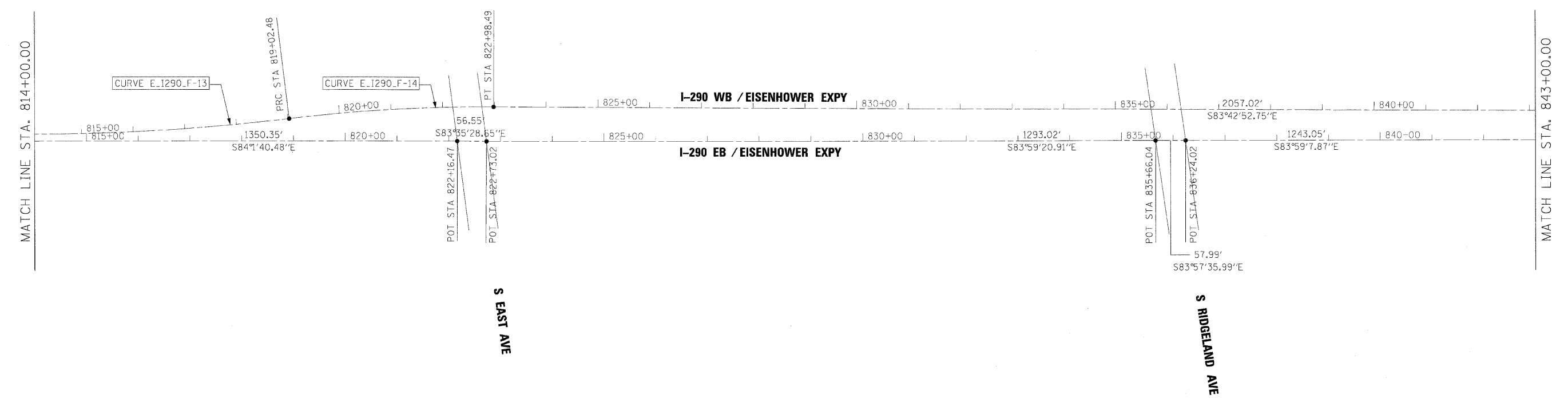
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

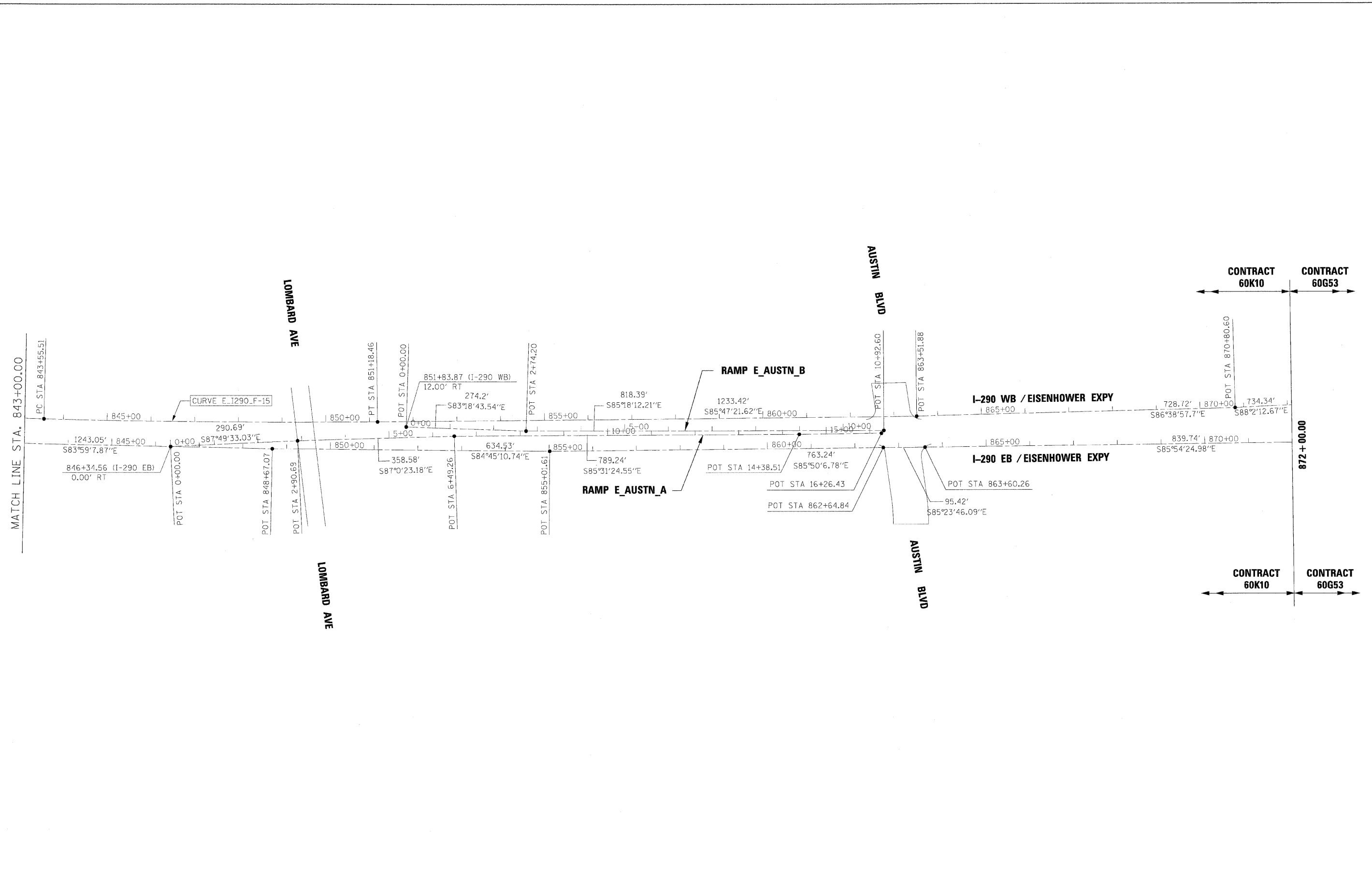
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT PLAN	
I-290 MAINLINE STA 785+00 TO STA 814+00	
SCALE: 1"=100'	SHEET NO. 5 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435)RS-6	COOK	215	29
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K10		





FILE NAME = ... \exoin_abc_c2_290_ML_exalgn_14.dgn	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
USER NAME = vblank	DRAWN - TMB	REVISED -			I-290 MAINLINE STA 843+00 TO POE			290	(3131, ETC., 3435)RS-6	COOK	215	31	
PLT DATE = 1/25/2010	CHECKED - JMM	REVISED -			SCALE: 1"=100'	SHEET NO. 7	OF 16 SHEETS	STA.	TO STA.	CONTRACT NO. 60K10			
DATE - 1/25/10	REVISED -	REVISED -							FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

I-290 EB

Course from PT E_I290.E-2 to 123 N 86° 59' 04.17" E Dist 116.8657

Point 123 N 1,895,922.1749 E 1,115,022.9149 Sta 646+16.84

Course from 123 to 124 N 87° 39' 08.20" E Dist 2,615.6033

Point 124 N 1,896,029.3206 E 1,117,636.3226 Sta 672+32.44

Course from 124 to 125 N 87° 31' 30.49" E Dist 61.2265

Point 125 N 1,896,031.9644 E 1,117,697.4920 Sta 672+93.67

Course from 125 to 126 N 88° 18' 06.57" E Dist 1,274.5891

Point 126 N 1,896,069.7361 E 1,118,971.5213 Sta 685+68.26

Course from 126 to 127 N 88° 21' 09.61" E Dist 1,332.7237

Point 127 N 1,896,108.0484 E 1,120,303.6943 Sta 699+00.98

Course from 127 to PC E_I290.E-3 N 88° 52' 51.36" E Dist 64.7290

I-290 EB

Curve Data

Curve E_I290.E-3

P.I. Station 703+25.94 N 1,896,116.3478 E 1,120,728.5679

Delta = 11° 15' 59.42" (LT)

Degree = 1° 34' 07.93"

Tangent = 360.2257

Length = 718.1284

Radius = 3,652.0395

External = 17.7228

Long Chord = 716.9720

Mid. Ord. = 17.6372

P.C. Station 699+65.71 N 1,896,109.3126 E 1,120,368.4109

P.T. Station 706+83.84 N 1,896,193.6124 E 1,121,080.4098

C.C. = N 1,899,760.6556 E 1,120,297.0860

Back = N 88° 52' 51.36" E

Ahead = N 77° 36' 51.94" E

Chord Bear = N 83° 14' 51.65" E

Course from PT E_I290.E-3 to PC E_I290.E-4 N 77° 47' 52.70" E Dist 321.2188

Curve Data

Curve E_I290.E-4

P.I. Station 713+77.60 N 1,896,347.0502 E 1,121,756.9599

Delta = 11° 22' 05.34" (RT)

Degree = 1° 31' 50.79"

Tangent = 372.5428

Length = 742.6396

Radius = 3,742.9232

External = 18.4944

Long Chord = 741.4221

Mid. Ord. = 18.4034

P.C. Station 710+05.06 N 1,896,261.5051 E 1,121,394.3718

P.T. Station 717+47.70 N 1,896,359.4465 E 1,122,129.2964

C.C. = N 1,892,618.5959 E 1,122,253.8408

Back = N 76° 43' 30.00" E

Ahead = N 88° 05' 35.34" E

Chord Bear = N 82° 24' 32.67" E

Course from PT E_I290.E-4 to PC E_I290.E-5 N 88° 12' 18.78" E Dist 1,477.3978

Curve Data

Curve E_I290.E-5

P.I. Station 739+04.05 N 1,896,429.1131 E 1,124,284.5218

Delta = 19° 57' 46.13" (LT)

Degree = 1° 29' 06.60"

Tangent = 678.9556

Length = 1,344.1464

Radius = 3,857.8685

External = 59.2899

Long Chord = 1,337.3579

Mid. Ord. = 58.3925

P.C. Station 732+25.10 N 1,896,405.7182 E 1,123,605.9694

P.T. Station 745+69.24 N 1,896,682.7671 E 1,124,914.3157

C.C. = N 1,900,261.2958 E 1,123,473.0379

Back = N 88° 01' 31.28" E

Ahead = N 68° 03' 45.15" E

Chord Bear = N 78° 02' 38.21" E

Course from PT E_I290.E-5 to 128 N 68° 03' 45.15" E Dist 375.9525

Point 128 N 1,896,823.2208 E 1,125,263.0463 Sta 749+45.19

Course from 128 to 129 N 68° 23' 05.70" E Dist 77.3881

Point 129 N 1,896,851.7282 E 1,125,334.9924 Sta 750+22.58

Course from 129 to 130 N 68° 05' 26.92" E Dist 262.4444

Point 130 N 1,896,949.6558 E 1,125,578.4821 Sta 752+85.03

Course from 130 to 131 N 70° 03' 19.97" E Dist 72.6022

Point 131 N 1,896,974.4211 E 1,125,646.7300 Sta 753+57.63

Course from 131 to PC E_I290.E-6 N 71° 28' 00.87" E Dist 71.4099

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN I-290 MAINLINE CURVE DATA			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\expln_a3c_c2_290_M_L_Data.exe:ign-17.dgn	DRAWN - TMB	REVISED -						290	(313), ETC., 3435)RS-6	COOK	215	32
USER NAME = tblank	CHECKED - JMM	REVISED -			CONTRACT NO. 60K10							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
			SCALE: N.T.S.		SHEET NO. 8 OF 16 SHEETS		STA. TO STA.					

I-290 EB

Curve Data

Curve E_I290_E-6
 P.I. Station = 756+28.74 N 1,897,058.2849 E 1,125,904.5411
 Delta = 7° 47' 26.57" (RT)
 Degree = 1° 57' 12.93"
 Tangent = 199.7023
 Length = 398.7891
 Radius = 2,932.8414
 External = 6.7912
 Long Chord = 398.4819
 Mid. Ord. = 6.7755
 P.C. Station = 754+29.04 N 1,896,997.1189 E 1,125,714.4366
 P.T. Station = 758+27.83 N 1,897,093.1167 E 1,126,101.1823
 C.C. = N 1,894,205.2311 E 1,126,612.7246
 Back = N 72° 09' 52.04" E
 Ahead = N 79° 57' 18.61" E
 Chord Bear = N 76° 03' 35.33" E

Course from PT E_I290_E-6 to PC E_I290_E-7 N 81° 50' 16.38" E Dist 192.7087

Curve Data

Curve E_I290_E-7
 P.I. Station = 763+53.27 N 1,897,157.1391 E 1,126,622.6485
 Delta = 13° 09' 20.66" (RT)
 Degree = 1° 59' 08.29"
 Tangent = 332.7355
 Length = 662.5448
 Radius = 2,885.5107
 External = 19.1209
 Long Chord = 661.0904
 Mid. Ord. = 18.9951
 P.C. Station = 760+20.54 N 1,897,120.4764 E 1,126,291.9390
 P.T. Station = 766+83.08 N 1,897,117.5706 E 1,126,953.0229
 C.C. = N 1,894,252.5356 E 1,126,609.8814
 Back = N 83° 40' 26.30" E
 Ahead = S 83° 10' 13.04" E
 Chord Bear = S 89° 44' 53.37" E

Course from PT E_I290_E-7 to 132 S 82° 55' 48.47" E Dist 51.8780

I-290 EB

Point 132 N 1,897,111.1855 E 1,127,004.5065 Sta 767+34.96
 Course from 132 to 133 S 82° 55' 48.05" E Dist 287.6849
 Point 133 N 1,897,075.7768 E 1,127,290.0040 Sta 770+22.64
 Course from 133 to 134 S 82° 55' 48.05" E Dist 196.2104
 Point 134 N 1,897,051.6269 E 1,127,484.7225 Sta 772+18.85
 Course from 134 to 135 S 82° 55' 48.05" E Dist 740.8502
 Point 135 N 1,896,960.4418 E 1,128,219.9396 Sta 779+59.70
 Course from 135 to 136 S 83° 04' 51.58" E Dist 120.2647
 Point 136 N 1,896,945.9540 E 1,128,339.3285 Sta 780+79.97
 Course from 136 to 137 S 82° 54' 31.07" E Dist 949.2995
 Point 137 N 1,896,828.7611 E 1,129,281.3664 Sta 790+29.27
 Course from 137 to 138 S 82° 54' 31.07" E Dist 456.4740
 Point 138 N 1,896,772.4085 E 1,129,734.3486 Sta 794+85.74
 Course from 138 to 139 S 82° 54' 31.07" E Dist 279.0489
 Point 139 N 1,896,737.9593 E 1,130,011.2629 Sta 797+64.79
 Course from 139 to 140 S 82° 54' 31.07" E Dist 253.8912
 Point 140 N 1,896,706.6159 E 1,130,263.2120 Sta 800+18.68
 Course from 140 to 141 S 82° 54' 31.07" E Dist 344.6946
 Point 141 N 1,896,664.0627 E 1,130,605.2699 Sta 803+63.38
 Course from 141 to 142 S 83° 16' 14.43" E Dist 502.7435
 Point 142 N 1,896,605.1517 E 1,131,104.5500 Sta 808+66.12
 Course from 142 to 143 S 84° 01' 40.48" E Dist 1,350.3536
 Point 143 N 1,896,464.6555 E 1,132,447.5748 Sta 822+16.47
 Course from 143 to 144 S 83° 35' 28.65" E Dist 56.5475
 Point 144 N 1,896,458.3437 E 1,132,503.7689 Sta 822+73.02
 Course from 144 to 145 S 83° 59' 20.91" E Dist 1,293.0157
 Point 145 N 1,896,322.9431 E 1,133,789.6757 Sta 835+66.04
 Course from 145 to 146 S 83° 57' 35.99" E Dist 57.9860
 Point 146 N 1,896,316.8416 E 1,133,847.3399 Sta 836+24.02
 Course from 146 to 147 S 83° 59' 07.87" E Dist 1,243.0504
 Point 147 N 1,896,186.5951 E 1,135,083.5478 Sta 848+67.07
 Course from 147 to 148 S 84° 45' 10.74" E Dist 634.5309
 Point 148 N 1,896,128.5674 E 1,135,715.4198 Sta 855+01.61
 Course from 148 to 149 S 85° 50' 06.78" E Dist 763.2362
 Point 149 N 1,896,073.1372 E 1,136,476.6405 Sta 862+64.84
 Course from 149 to 150 S 85° 23' 46.09" E Dist 95.4162
 Point 150 N 1,896,065.4785 E 1,136,571.7489 Sta 863+60.26
 Course from 150 to 151 S 85° 54' 24.98" E Dist 839.7429
 Point 151 N 1,896,005.5405 E 1,137,409.3500 Sta 872+00.00
 Course from 151 to PC E_I290_E-8 S 85° 59' 55.70" E Dist 496.1552

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN I-290 MAINLINE CURVE DATA	F.A.I. <td>SECTION</td> <td>COUNTY</td> <td>TOTAL</td> <td>SHEET</td>	SECTION	COUNTY	TOTAL	SHEET
...\\expln\ABC_C2_290_ML_Data\align_18.dgn	DRAWN - TMB	REVISED -				290	(3131, ETC., 3435)RS-6	COOK	215	33
USER NAME = tblank	CHECKED - JMM	REVISED -				CONTRACT NO. 60K10				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
			SCALE: N.T.S.	SHEET NO. 9 OF 16 SHEETS	STA. TO STA.					

I-290 WB

Course from PT E_I290_F-2 to 301 N 87° 37' 10.91" E Dist 184.8444

Point 301 N 1,895,938.1959 E 1,115,022.0373 Sta 646+16.74

Course from 301 to 302 N 87° 37' 10.91" E Dist 2,640.0615

Point 302 N 1,896,047.8434 E 1,117,659.8209 Sta 672+56.80

Course from 302 to 303 N 88° 22' 33.37" E Dist 1,312.3463

Point 303 N 1,896,085.0372 E 1,118,971.6400 Sta 685+69.14

Course from 303 to PC E_I290_F-3 N 88° 17' 49.42" E Dist 1,493.6121

Curve Data

Curve E_I290_F-3
P.I. Station 703+91.55 N 1,896,139.1946 E 1,120,793.2436
Delta = 10° 28' 07.57" (LT)
Degree = 1° 35' 47.14"
Tangent = 328.7964
Length = 655.7624
Radius = 3,589.0000
External = 15.0294
Long Chord = 654.8506
Mid. Ord. = 14.9667
P.C. Station 700+62.76 N 1,896,129.4236 E 1,120,464.5924
P.T. Station 707+18.52 N 1,896,208.5187 E 1,121,114.6487
C.C. N 1,899,716.8385 E 1,120,357.9364
Back = N 88° 17' 49.42" E
Ahead = N 77° 49' 41.85" E
Chord Bear = N 83° 03' 45.64" E

Course from PT E_I290_F-3 to PC E_I290_F-4 N 77° 49' 41.85" E Dist 370.0279

I-290 WB

Curve Data

Curve E_I290_F-4
P.I. Station 714+12.62 N 1,896,354.8654 E 1,121,793.1510
Delta = 10° 22' 26.28" (RT)
Degree = 1° 36' 17.73"
Tangent = 324.0777
Length = 646.3838
Radius = 3,570.0000
External = 14.6794
Long Chord = 645.5013
Mid. Ord. = 14.6193
P.C. Station 710+88.55 N 1,896,286.5362 E 1,121,476.3584
P.T. Station 717+34.93 N 1,896,365.0322 E 1,122,117.0692
C.C. N 1,892,796.7894 E 1,122,229.0648
Back = N 77° 49' 41.85" E
Ahead = N 88° 12' 08.14" E
Chord Bear = N 83° 00' 55.00" E

Course from PT E_I290_F-4 to PC E_I290_F-5 N 88° 12' 08.14" E Dist 1,408.2717

Curve Data

Curve E_I290_F-5
P.I. Station 737+09.83 N 1,896,425.2904 E 1,124,091.0484
Delta = 16° 11' 11.81" (LT)
Degree = 1° 26' 16.45"
Tangent = 566.6289
Length = 1,125.7104
Radius = 3,984.6786
External = 40.0862
Long Chord = 1,121.9706
Mid. Ord. = 39.6870
P.C. Station 731+43.20 N 1,896,409.2115 E 1,123,524.6477
P.T. Station 742+68.91 N 1,896,598.6255 E 1,124,630.5141
C.C. N 1,900,392.2856 E 1,123,411.5772
Back = N 88° 22' 26.18" E
Ahead = N 72° 11' 14.37" E
Chord Bear = N 80° 16' 50.27" E

Curve Data

Curve E_I290_F-6
P.I. Station 744+50.64 N 1,896,657.2491 E 1,124,802.5261
Delta = 3° 43' 50.11" (LT)
Degree = 1° 01' 36.43"
Tangent = 181.7275
Length = 363.3265
Radius = 5,580.1085
External = 2.9584
Long Chord = 363.2623
Mid. Ord. = 2.9568
P.C. Station 742+68.91 N 1,896,598.6255 E 1,124,630.5141
P.T. Station 746+32.24 N 1,896,726.9404 E 1,124,970.3593
C.C. N 1,901,880.4135 E 1,122,830.4232
Back = N 71° 10' 49.19" E
Ahead = N 67° 26' 59.08" E
Chord Bear = N 69° 18' 54.14" E

Curve Data

Curve E_I290_F-7
P.I. Station 747+95.74 N 1,896,787.8134 E 1,125,122.1093
Delta = 0° 21' 27.56" (RT)
Degree = 0° 06' 33.74"
Tangent = 163.5041
Length = 327.0070
Radius = 52,385.8460
External = 0.2552
Long Chord = 327.0065
Mid. Ord. = 0.2552
P.C. Station 746+32.24 N 1,896,726.9404 E 1,124,970.3593
P.T. Station 749+59.24 N 1,896,847.7379 E 1,125,274.2363
C.C. N 1,848,107.0350 E 1,144,473.7347
Back = N 68° 08' 32.35" E
Ahead = N 68° 29' 59.91" E
Chord Bear = N 68° 19' 16.13" E

Course from PT E_I290_F-7 to PC E_I290_F-8 N 68° 05' 28.15" E Dist 252.8502

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...xexpln\ABC_C2_290_ML_Data_exalign_14.cgn	DRAWN - TMB	REVISED -			I-290 MAINLINE CURVE DATA			290	(3131, ETC., 3435)RS-6	COOK	215	34	
USER NAME = tblank	CHECKED - JMM	REVISED -			SCALE: N.T.S.	SHEET NO. 10 OF 16 SHEETS	STA.	TO STA.	CONTRACT NO. 60K10				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

I-290 WB

Curve Data

Curve E_I290_F-8
 P.I. Station = 756+39.57 N 1,897,101.5884 E 1,125,905.4277
 Delta = 15° 41' 15.38" (RT)
 Degree = 1° 50' 47.27"
 Tangent = 427.4751
 Length = 849.6026
 Radius = 3,103.0000
 External = 29.3065
 Long Chord = 846.9512
 Mid. Ord. = 29.0323
 P.C. Station = 752+12.10 N 1,896,942.0841 E 1,125,508.8253
 P.T. Station = 760+61.70 N 1,897,147.9130 E 1,126,330.3854
 C.C. = N 1,894,063.1870 E 1,126,666.6509
 Back = N 68° 05' 28.15" E
 Ahead = N 83° 46' 43.53" E
 Chord Bear = N 75° 56' 05.84" E

Curve Data

Curve E_I290_F-9
 P.I. Station = 764+84.56 N 1,897,193.7379 E 1,126,750.7599
 Delta = 11° 18' 21.75" (RT)
 Degree = 1° 20' 28.30"
 Tangent = 422.8649
 Length = 842.9838
 Radius = 4,272.0000
 External = 20.8777
 Long Chord = 841.6168
 Mid. Ord. = 20.7761
 P.C. Station = 760+61.70 N 1,897,147.9130 E 1,126,330.3854
 P.T. Station = 769+04.68 N 1,897,156.2594 E 1,127,171.9607
 C.C. = N 1,892,901.0714 E 1,126,793.3330
 Back = N 83° 46' 43.53" E
 Ahead = S 84° 54' 54.71" E
 Chord Bear = N 89° 25' 54.41" E

Curve Data

Curve E_I290_F-10
 P.I. Station = 770+15.71 N 1,897,146.4188 E 1,127,282.5531
 Delta = 2° 00' 23.69" (RT)
 Degree = 0° 54' 13.39"
 Tangent = 111.0293
 Length = 222.0359
 Radius = 6,340.0000
 External = 0.9721
 Long Chord = 222.0246
 Mid. Ord. = 0.9720
 P.C. Station = 769+04.68 N 1,897,156.2594 E 1,127,171.9607
 P.T. Station = 771+26.72 N 1,897,132.7120 E 1,127,392.7331
 C.C. = N 1,890,841.2097 E 1,126,610.0460
 Back = S 84° 54' 54.71" E
 Ahead = S 82° 54' 31.02" E
 Chord Bear = S 83° 54' 42.87" E

Course from PT E_I290_F-10 to PC E_I290_F-11 S 82° 54' 31.02" E Dist 1,753.9538

I-290 WB

Curve Data

Curve E_I290_F-11
 P.I. Station = 790+34.84 N 1,896,897.1500 E 1,129,286.2598
 Delta = 1° 44' 54.60" (RT)
 Degree = 0° 34' 01.62"
 Tangent = 154.1690
 Length = 308.3141
 Radius = 10,103.0000
 External = 1.1762
 Long Chord = 308.3021
 Mid. Ord. = 1.1761
 P.C. Station = 788+80.67 N 1,896,916.1825 E 1,129,133.2701
 P.T. Station = 791+88.99 N 1,896,873.4583 E 1,129,438.5975
 C.C. = N 1,886,890.4653 E 1,127,886.0323
 Back = S 82° 54' 31.02" E
 Ahead = S 81° 09' 36.42" E
 Chord Bear = S 82° 02' 03.72" E

Course from PT E_I290_F-11 to PC E_I290_F-12 S 81° 09' 36.42" E Dist 1,265.9675

Curve Data

Curve E_I290_F-12
 P.I. Station = 806+99.43 N 1,896,641.3431 E 1,130,931.0982
 Delta = 2° 30' 51.79" (LT)
 Degree = 0° 30' 51.57"
 Tangent = 244.4748
 Length = 488.8712
 Radius = 11,140.0000
 External = 2.6823
 Long Chord = 488.8319
 Mid. Ord. = 2.6816
 P.C. Station = 804+54.95 N 1,896,678.9124 E 1,130,689.5274
 P.T. Station = 809+43.82 N 1,896,614.4077 E 1,131,174.0847
 C.C. = N 1,907,686.5876 E 1,132,401.4522
 Back = S 81° 09' 36.42" E
 Ahead = S 83° 40' 28.21" E
 Chord Bear = S 82° 25' 02.32" E

Course from PT E_I290_F-12 to PC E_I290_F-13 S 83° 40' 28.21" E Dist 446.9408

Curve Data

Curve E_I290_F-13
 P.I. Station = 816+46.96 N 1,896,536.9381 E 1,131,872.9440
 Delta = 7° 16' 16.12" (LT)
 Degree = 1° 25' 15.42"
 Tangent = 256.1992
 Length = 511.7105
 Radius = 4,032.2200
 External = 8.1310
 Long Chord = 511.3672
 Mid. Ord. = 8.1146
 P.C. Station = 813+90.76 N 1,896,565.1652 E 1,131,618.3045
 P.T. Station = 819+02.48 N 1,896,541.1664 E 1,132,129.1083
 C.C. = N 1,900,572.8372 E 1,132,062.5609
 Back = S 83° 40' 28.21" E
 Ahead = N 89° 03' 15.67" E
 Chord Bear = S 87° 18' 36.27" E

I-290 WB

Curve Data

Curve E_I290_F-14
 P.I. Station = 821+00.75 N 1,896,544.4386 E 1,132,327.3533
 Delta = 7° 13' 51.58" (RT)
 Degree = 1° 49' 33.34"
 Tangent = 198.2721
 Length = 396.0176
 Radius = 3,137.9000
 External = 6.2578
 Long Chord = 395.7549
 Mid. Ord. = 6.2453
 P.C. Station = 819+02.48 N 1,896,541.1664 E 1,132,129.1083
 P.T. Station = 822+98.49 N 1,896,522.7318 E 1,132,524.4336
 C.C. = N 1,893,403.6937 E 1,132,180.8959
 Back = N 89° 03' 15.67" E
 Ahead = S 83° 42' 52.75" E
 Chord Bear = S 87° 19' 48.54" E

Course from PT E_I290_F-14 to PC E_I290_F-15 S 83° 42' 52.75" E Dist 2,057.0191

Curve Data

Curve E_I290_F-15
 P.I. Station = 847+37.03 N 1,896,255.7608 E 1,134,948.3096
 Delta = 2° 04' 28.87" (LT)
 Degree = 0° 16' 18.95"
 Tangent = 381.5150
 Length = 762.9466
 Radius = 21,070.0000
 External = 3.4538
 Long Chord = 762.9049
 Mid. Ord. = 3.4532
 P.C. Station = 843+55.51 N 1,896,297.5291 E 1,134,569.0879
 P.T. Station = 851+18.46 N 1,896,227.7485 E 1,135,328.7948
 C.C. = N 1,917,240.8770 E 1,136,875.8341
 Back = S 83° 42' 52.75" E
 Ahead = S 85° 47' 21.62" E
 Chord Bear = S 84° 45' 07.18" E

Course from PT E_I290_F-15 to 304 S 85° 47' 21.62" E Dist 1,233.4192

Point 304 N 1,896,137.1862 E 1,136,558.8848 Sta 863+51.88

Course from 304 to 305 S 86° 38' 57.70" E Dist 728.7244

Point 305 N 1,896,094.5949 E 1,137,286.3635 Sta 870+80.60

Course from 305 to PC E_I290_F-16 S 88° 02' 12.67" E Dist 734.3420

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN I-290 MAINLINE CURVE DATA			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \expln_ABC_C2_290_M_Data_exalign_28.dgn	DRAWN - TMB	REVISED -			290	(3131, ETC., 3435)RS-6	COOK	215	35			
USER NAME = tblank	CHECKED - JMM	REVISED -			CONTRACT NO. 60K10							
PLOT DATE = 1/25/2012	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 11 OF 16 SHEETS	STA.	10 STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

RAMP E_17TH_D

Point 1380 N 1,895,952.5563 E 1,116,642.7711 Sta 0+00.00
 Course from 1380 to 1381 S 86° 22' 51.98" W Dist 770.6245
 Point 1381 N 1,895,903.9147 E 1,115,873.6832 Sta 7+70.62
 Course from 1381 to 1382 S 81° 23' 29.52" W Dist 222.2174
 Point 1382 N 1,895,870.6529 E 1,115,653.9693 Sta 9+92.84
 Course from 1382 to 1383 S 80° 29' 15.86" W Dist 222.2174
 Point 1383 N 1,895,833.9295 E 1,115,434.8073 Sta 12+15.06

RAMP E_9TH_A

Curve Data

 Curve E_9TH_A-1
 P.I. Station 0+39.30 N 1,896,012.2121 E 1,118,609.2454
 Delta = 3° 22' 20.82" (LT)
 Degree = 4° 17' 30.55"
 Tangent = 39.3007
 Length = 78.5786
 Radius = 1,335.0000
 External = 0.5784
 Long Chord = 78.5673
 Mid. Ord. = 0.5781
 P.C. Station 0+00.00 N 1,896,014.2546 E 1,118,648.4930
 P.T. Station 0+78.58 N 1,896,007.8643 E 1,118,570.1860
 C.C. N 1,894,681.0587 E 1,118,717.8751
 Back = S 87° 01' 15.25" W
 Ahead = S 83° 38' 54.43" W
 Chord Bear = S 85° 20' 04.84" W
 Course from PT E_9TH_A-1 to 1391 S 83° 38' 54.43" W Dist 632.2553
 Point 1391 N 1,895,937.9188 E 1,117,941.8116 Sta 7+10.83
 Course from 1391 to 1392 S 77° 55' 56.99" W Dist 27.4893
 Point 1392 N 1,895,932.1718 E 1,117,914.9298 Sta 7+38.32

RAMP E_9TH_B

Curve Data

 Curve E_9TH_B-1
 P.I. Station 0+53.66 N 1,896,115.7761 E 1,118,715.5236
 Delta = 3° 21' 57.14" (RT)
 Degree = 3° 08' 13.59"
 Tangent = 53.6616
 Length = 107.2922
 Radius = 1,826.3889
 External = 0.7882
 Long Chord = 107.2768
 Mid. Ord. = 0.7878
 P.C. Station 0+00.00 N 1,896,115.3114 E 1,118,769.1831
 P.T. Station 1+07.29 N 1,896,119.3905 E 1,118,661.9839
 C.C. N 1,897,941.6318 E 1,118,784.9988
 Back = N 89° 30' 13.82" W
 Ahead = N 86° 08' 16.68" W
 Chord Bear = N 87° 49' 15.25" W
 Course from PT E_9TH_B-1 to 1401 N 86° 23' 00.27" W Dist 423.3752
 Point 1401 N 1,896,146.0968 E 1,118,239.4518 Sta 5+30.67
 Course from 1401 to 1402 N 86° 55' 45.50" W Dist 316.1785
 Point 1402 N 1,896,163.0338 E 1,117,923.7273 Sta 8+46.85

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN I-290 RAMP CURVE DATA			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \expln\A3C_C2_290_R_Data_exalign_32.dgn	DRAWN - TMB	REVISED -						290	(313), ETC., 3435)RS-6	COOK	215	36
USER NAME = tblank	CHECKED - JMM	REVISED -			CONTRACT NO. 60K10							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 12 OF 16 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

RAMP E_1ST_A

Point 1410 N 1,896,122.9076 E 1,119,034.0163 Sta 0+00.00
 Course from 1410 to 1411 N 85° 13' 29.09" E Dist 297.1053
 Point 1411 N 1,896,147.6408 E 1,119,330.0903 Sta 2+97.11
 Course from 1411 to 1412 N 82° 11' 15.69" E Dist 510.3662
 Point 1412 N 1,896,217.0141 E 1,119,835.7197 Sta 8+07.47

RAMP E_1ST_B

Point 1420 N 1,896,036.5033 E 1,119,068.2592 Sta 0+00.00
 Course from 1420 to 1421 S 86° 47' 22.21" E Dist 439.8107
 Point 1421 N 1,896,011.8720 E 1,119,507.3796 Sta 4+39.81
 Course from 1421 to 1422 S 86° 04' 10.29" E Dist 365.8020
 Point 1422 N 1,895,986.7977 E 1,119,872.3212 Sta 8+05.61

RAMP E_1ST_C

Point 1430 N 1,896,298.6996 E 1,121,296.0062 Sta 0+00.00
 Course from 1430 to PC E_1ST_C-1 S 84° 01' 48.09" W Dist 104.6754

Curve Data

Curve E_1ST_C-1
 P.I. Station 2+35.61 N 1,896,274.1941 E 1,121,061.6707
 Delta = 4° 45' 59.77" (RT)
 Degree = 1° 49' 16.41"
 Tangent = 130.9379
 Length = 261.7248
 Radius = 3,146.0000
 External = 2.7237
 Long Chord = 261.6494
 Mid. Ord. = 2.7213
 P.C. Station 1+04.68 N 1,896,287.8126 E 1,121,191.8985
 P.T. Station 3+66.40 N 1,896,271.4442 E 1,120,930.7616
 C.C. N 1,899,416.7504 E 1,120,864.6916
 Back = S 84° 01' 48.09" W
 Ahead = S 88° 47' 47.86" W
 Chord Bear = S 86° 24' 47.98" W

Course from PT E_1ST_C-1 to 1431 S 88° 47' 47.86" W Dist 207.9072

Point 1431 N 1,896,267.0779 E 1,120,722.9003 Sta 5+74.31

RAMP E_1ST_D

Point 1440 N 1,896,220.7804 E 1,121,376.3617 Sta 0+00.00
 Course from 1440 to 1441 S 75° 04' 48.05" W Dist 293.8498
 Point 1441 N 1,896,145.1229 E 1,121,092.4187 Sta 2+93.85
 Course from 1441 to 1442 S 72° 10' 02.93" W Dist 140.3010
 Point 1442 N 1,896,102.1577 E 1,120,958.8584 Sta 4+34.15
 Course from 1442 to 1443 S 72° 10' 02.98" W Dist 145.2090
 Point 1443 N 1,896,057.6896 E 1,120,820.6258 Sta 5+79.36
 Course from 1443 to PC E_1ST_D-1 S 72° 18' 02.52" W Dist 351.7186

Curve Data

Curve E_1ST_D-1
 P.I. Station 10+00.32 N 1,895,929.7085 E 1,120,419.5913
 Delta = 66° 18' 26.46" (LT)
 Degree = 54° 03' 09.44"
 Tangent = 69.2421
 Length = 122.6718
 Radius = 106.0000
 External = 20.6115
 Long Chord = 115.9399
 Mid. Ord. = 17.2561
 P.C. Station 9+31.08 N 1,895,950.7596 E 1,120,485.5558
 P.T. Station 10+53.75 N 1,895,860.8449 E 1,120,412.3615
 C.C. N 1,895,849.7771 E 1,120,517.7821
 Back = S 72° 18' 02.52" W
 Ahead = S 5° 59' 36.06" W
 Chord Bear = S 39° 08' 49.29" W

Course from PT E_1ST_D-1 to 1444 S 5° 59' 36.06" W Dist 244.5170

Point 1444 N 1,895,617.6644 E 1,120,386.8307 Sta 12+98.27

RAMP E_1ST_E

Curve Data

Curve E_1ST_E-1
 P.I. Station 6+22.76 N 1,896,044.2440 E 1,120,674.4342
 Delta = 0° 33' 27.38" (RT)
 Degree = 3° 10' 59.16"
 Tangent = 8.7589
 Length = 17.5177
 Radius = 1,800.0000
 External = 0.0213
 Long Chord = 17.5177
 Mid. Ord. = 0.0213
 P.C. Station 6+14.00 N 1,896,045.7656 E 1,120,683.0600
 P.T. Station 6+31.52 N 1,896,042.8065 E 1,120,665.7940
 C.C. N 1,897,818.3986 E 1,120,370.3749
 Back = S 79° 59' 46.23" W
 Ahead = S 80° 33' 13.61" W
 Chord Bear = S 80° 16' 29.92" W

Course from PT E_1ST_E-1 to 1451 S 80° 33' 13.61" W Dist 294.0471

Point 1451 N 1,895,994.5469 E 1,120,375.7342 Sta 9+25.56

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN I-290 RAMP CURVE DATA			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \expln\A3C_C2_290_R_Data_exalign_33.dgn	DRAWN - TMB	REVISED -			290	(313), ETC., 3435)RS-6	COOK	215	37			
USER NAME = tblank	CHECKED - JMM	REVISED -			CONTRACT NO. 60K10							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 13 OF 16 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

RAMP E_DESPLNS_A

Curve Data

Curve E_DESPLNS_A-1
 P.I. Station = 2+34.50 N 1,896,535.4177 E 1,124,228.6905
 Delta = 3° 58' 57.24" (LT)
 Degree = 0° 50' 58.19"
 Tangent = 234.5018
 Length = 468.8147
 Radius = 6,744.6696
 External = 4.0754
 Long Chord = 468.7203
 Mid. Ord. = 4.0729
 P.C. Station = 0+00.00 N 1,896,487.5638 E 1,123,999.1234
 P.T. Station = 4+68.81 N 1,896,599.1002 E 1,124,454.3797
 C.C. = N 1,903,090.3057 E 1,122,622.7630
 Back = N 78° 13' 30.53" E
 Ahead = N 74° 14' 33.29" E
 Chord Bear = N 76° 14' 01.91" E

Curve Data

Curve E_DESPLNS_A-2
 P.I. Station = 4+89.62 N 1,896,604.7505 E 1,124,474.4043
 Delta = 6° 51' 46.12" (LT)
 Degree = 16° 30' 42.31"
 Tangent = 20.8065
 Length = 41.5632
 Radius = 347.0000
 External = 0.6232
 Long Chord = 41.5383
 Mid. Ord. = 0.6221
 P.C. Station = 4+68.81 N 1,896,599.1002 E 1,124,454.3797
 P.T. Station = 5+10.38 N 1,896,612.7531 E 1,124,493.6102
 C.C. = N 1,896,933.0600 E 1,124,360.1467
 Back = N 74° 14' 33.29" E
 Ahead = N 67° 22' 47.17" E
 Chord Bear = N 70° 48' 40.23" E

Curve Data

Curve E_DESPLNS_A-3
 P.I. Station = 5+15.90 N 1,896,614.8775 E 1,124,498.7088
 Delta = 1° 49' 25.94" (RT)
 Degree = 16° 30' 42.31"
 Tangent = 5.5234
 Length = 11.0459
 Radius = 347.0000
 External = 0.0440
 Long Chord = 11.0454
 Mid. Ord. = 0.0440
 P.C. Station = 5+10.38 N 1,896,612.7531 E 1,124,493.6102
 P.T. Station = 5+21.42 N 1,896,616.8386 E 1,124,503.8723
 C.C. = N 1,896,292.4463 E 1,124,627.0738
 Back = N 67° 22' 47.17" E
 Ahead = N 69° 12' 13.11" E
 Chord Bear = N 68° 17' 30.14" E

Course from PT E_DESPLNS_A-3 to PC E_DESPLNS_A-4 N 69° 12' 13.11" E Dist 37.3640

Curve Data

Curve E_DESPLNS_A-4
 P.I. Station = 5+77.49 N 1,896,636.7436 E 1,124,556.2825
 Delta = 1° 01' 39.56" (RT)
 Degree = 2° 44' 52.80"
 Tangent = 18.6987
 Length = 37.3965
 Radius = 2,085.0000
 External = 0.0838
 Long Chord = 37.3960
 Mid. Ord. = 0.0838
 P.C. Station = 5+58.79 N 1,896,630.1046 E 1,124,538.8020
 P.T. Station = 5+96.18 N 1,896,643.0679 E 1,124,573.8793
 C.C. = N 1,894,680.9460 E 1,125,279.0761
 Back = N 69° 12' 13.11" E
 Ahead = N 70° 13' 52.67" E
 Chord Bear = N 69° 43' 02.89" E

RAMP E_DESPLNS_A

Curve Data

Curve E_DESPLNS_A-5
 P.I. Station = 6+77.08 N 1,896,670.4290 E 1,124,650.0080
 Delta = 7° 12' 16.28" (LT)
 Degree = 4° 27' 31.74"
 Tangent = 80.8963
 Length = 161.5793
 Radius = 1,285.0000
 External = 2.5439
 Long Chord = 161.4729
 Mid. Ord. = 2.5388
 P.C. Station = 5+96.18 N 1,896,643.0679 E 1,124,573.8793
 P.T. Station = 7+57.76 N 1,896,707.1214 E 1,124,722.1042
 C.C. = N 1,897,852.3373 E 1,124,139.2615
 Back = N 70° 13' 52.67" E
 Ahead = N 63° 01' 36.39" E
 Chord Bear = N 66° 37' 44.53" E

Course from PT E_DESPLNS_A-5 to 1461 N 63° 01' 36.39" E Dist 516.9797

Point 1461 N 1,896,941.6101 E 1,125,182.8462 Sta 12+74.74

RAMP E_DESPLNS_B

Curve Data

Curve E_DESPLNS_B-1
 P.I. Station = 13+02.63 N 1,896,930.2188 E 1,125,219.9482
 Delta = 37° 54' 32.40" (RT)
 Degree = 42° 12' 13.33"
 Tangent = 46.6254
 Length = 89.8239
 Radius = 135.7601
 External = 7.7834
 Long Chord = 88.1944
 Mid. Ord. = 7.3613
 P.C. Station = 12+56.00 N 1,896,909.2766 E 1,125,178.2907
 P.T. Station = 13+45.82 N 1,896,921.1471 E 1,125,265.6826
 C.C. = N 1,896,787.9815 E 1,125,239.2684
 Back = N 63° 18' 37.14" E
 Ahead = S 78° 46' 50.46" E
 Chord Bear = N 82° 15' 53.34" E

Course from PT E_DESPLNS_B-1 to 1471 S 78° 46' 50.46" E Dist 23.2738

Point 1471 N 1,896,916.6189 E 1,125,288.5116 Sta 13+69.10

RAMP E_DESPLNS_C

Curve Data

Curve E_DESPLNS_C-1
 P.I. Station = 0+79.13 N 1,896,414.0501 E 1,124,232.7373
 Delta = 3° 34' 52.47" (RT)
 Degree = 2° 15' 49.54"
 Tangent = 79.1252
 Length = 158.1988
 Radius = 2,531.0000
 External = 1.2365
 Long Chord = 158.1730
 Mid. Ord. = 1.2359
 P.C. Station = 0+00.00 N 1,896,410.2172 E 1,124,153.7050
 P.T. Station = 1+58.20 N 1,896,412.9389 E 1,124,311.8546
 C.C. = N 1,893,882.1885 E 1,124,276.3104
 Back = N 87° 13' 24.32" E
 Ahead = S 89° 11' 43.21" E
 Chord Bear = N 89° 00' 50.55" E

Course from PT E_DESPLNS_C-1 to 1481 S 89° 11' 43.21" E Dist 506.6672

Point 1481 N 1,896,405.8235 E 1,124,818.4718 Sta 6+64.87

Course from 1481 to 1482 S 87° 25' 37.12" E Dist 219.1006

Point 1482 N 1,896,395.9875 E 1,125,037.3515 Sta 8+83.97

Course from 1482 to 1483 N 89° 39' 44.31" E Dist 78.4988

Point 1483 N 1,896,396.4501 E 1,125,115.8490 Sta 9+62.47

FILE NAME = ... \expln\ABC_C2_298_R_Data_exalign_34.dgn	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN I-290 RAMP CURVE DATA			F.A.I. RTE. 290	SECTION (3131, ETC., 3435)RS-6	COUNTY COOK	TOTAL SHEETS 215	SHEET NO. 38	
USER NAME = tbenk	DRAWN - TMB	REVISED -			SCALE: N.T.S.	SHEET NO. 14 OF 16 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 1/25/2010	CHECKED - JMM	REVISED -											
	DATE - 1/25/10	REVISED -											

RAMP E_HARLM_A

Point 1210 N 1,897,111.1855 E 1,127,004.5065 Sta 0+00.00
 Course from 1210 to PC E_HARLM.A-1 S 86° 35' 03.18" E Dist 132.1088

Curve Data

Curve E_HARLM.A-1
 P.I. Station 2+55.16 N 1,897,101.0006 E 1,127,259.4143
 Delta = 3° 12' 43.38" (RT)
 Degree = 1° 18' 19.67"
 Tangent = 123.0555
 Length = 246.0465
 Radius = 4,388.9206
 External = 1.7248
 Long Chord = 246.0143
 Mid. Ord. = 1.7241
 P.C. Station 1+32.11 N 1,897,103.3143 E 1,127,136.3806
 P.T. Station 3+78.16 N 1,897,091.7967 E 1,127,382.1251
 C.C. N 1,892,715.1695 E 1,127,053.8587
 Back = S 88° 55' 21.52" E
 Ahead = S 85° 42' 38.14" E
 Chord Bear = S 87° 18' 59.83" E

Curve Data

Curve E_HARLM.A-2
 P.I. Station 4+28.13 N 1,897,089.2878 E 1,127,432.0336
 Delta = 4° 08' 08.56" (RT)
 Degree = 4° 08' 23.53"
 Tangent = 49.9715
 Length = 99.8996
 Radius = 1,384.0000
 External = 0.9019
 Long Chord = 99.8779
 Mid. Ord. = 0.9013
 P.C. Station 3+78.16 N 1,897,091.7967 E 1,127,382.1251
 P.T. Station 4+78.05 N 1,897,083.1860 E 1,127,481.6312
 C.C. N 1,895,709.5422 E 1,127,312.6386
 Back = S 87° 07' 19.70" E
 Ahead = S 82° 59' 11.13" E
 Chord Bear = S 85° 03' 15.42" E

Course from PT E_HARLM.A-2 to 1211 S 82° 59' 11.13" E Dist 759.0431

Point 1211 N 1,896,990.5035 E 1,128,234.9946 Sta 12+37.10

RAMP E_HARLM_D

Point 1240 N 1,896,898.8719 E 1,129,168.0916 Sta 7+25.19
 Course from 1240 to 1241 N 83° 04' 53.29" W Dist 440.4401
 Point 1241 N 1,896,951.9264 E 1,128,730.8586 Sta 11+65.63
 Course from 1241 to 1242 N 81° 53' 08.12" W Dist 182.3172
 Point 1242 N 1,896,977.6606 E 1,128,550.3667 Sta 13+47.95
 Course from 1242 to 1243 N 82° 38' 48.28" W Dist 215.3614
 Point 1243 N 1,897,005.2239 E 1,128,336.7764 Sta 15+63.31

RAMP E_HARLM_B

Point 1220 N 1,897,141.7171 E 1,127,197.8051 Sta 0+00.00
 Course from 1220 to 1221 S 81° 22' 05.07" E Dist 330.3251
 Point 1221 N 1,897,092.1398 E 1,127,524.3886 Sta 3+30.33
 Course from 1221 to 1222 S 81° 45' 53.23" E Dist 167.0351
 Point 1222 N 1,897,068.2142 E 1,127,689.7013 Sta 4+97.36
 Course from 1222 to 1223 S 83° 02' 55.12" E Dist 543.4633
 Point 1223 N 1,897,002.4407 E 1,128,229.1697 Sta 10+40.82

RAMP E_HARLM_C

Point 1230 N 1,896,803.6843 E 1,129,887.2444 Sta 0+00.00
 Course from 1230 to 1231 N 83° 55' 14.42" W Dist 225.1704
 Point 1231 N 1,896,827.5310 E 1,129,663.3403 Sta 2+25.17
 Course from 1231 to 1232 N 83° 55' 14.42" W Dist 500.0189
 Point 1232 N 1,896,880.4857 E 1,129,166.1334 Sta 7+25.19

RAMP E_HARLM_E

Point 1250 N 1,896,832.0401 E 1,129,352.2126 Sta 0+00.00
 Course from 1250 to 1251 N 79° 04' 28.85" W Dist 245.4060
 Point 1251 N 1,896,878.5517 E 1,129,111.2546 Sta 2+45.41
 Course from 1251 to 1252 N 82° 57' 20.21" W Dist 359.3236
 Point 1252 N 1,896,922.6185 E 1,128,754.6434 Sta 6+04.73
 Course from 1252 to 1253 N 82° 13' 01.27" W Dist 243.1589
 Point 1253 N 1,896,955.5474 E 1,128,513.7244 Sta 8+47.89
 Course from 1253 to 1254 N 83° 03' 07.61" W Dist 203.8129
 Point 1254 N 1,896,980.2019 E 1,128,311.4082 Sta 10+51.70

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN I-290 RAMP CURVE DATA			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \expln\ABC.C2_290_R_Data_exalign_35.dgn	DRAWN - TMB	REVISED -			290	(3131, ETC., 3435)RS-6	COOK	215	39			
USER NAME = tbenk	CHECKED - JMM	REVISED -			CONTRACT NO. 60K10							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
			SCALE: N.T.S.		SHEET NO. 15 OF 16 SHEETS STA.		TO STA.					

RAMP E_AUSTN_A

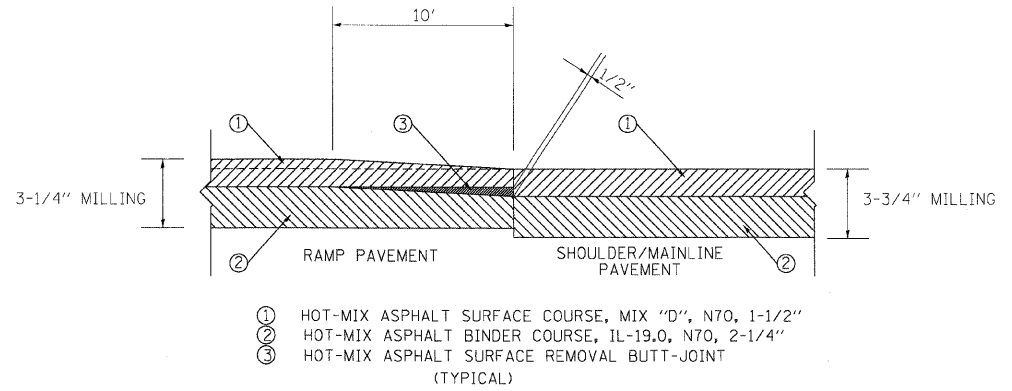
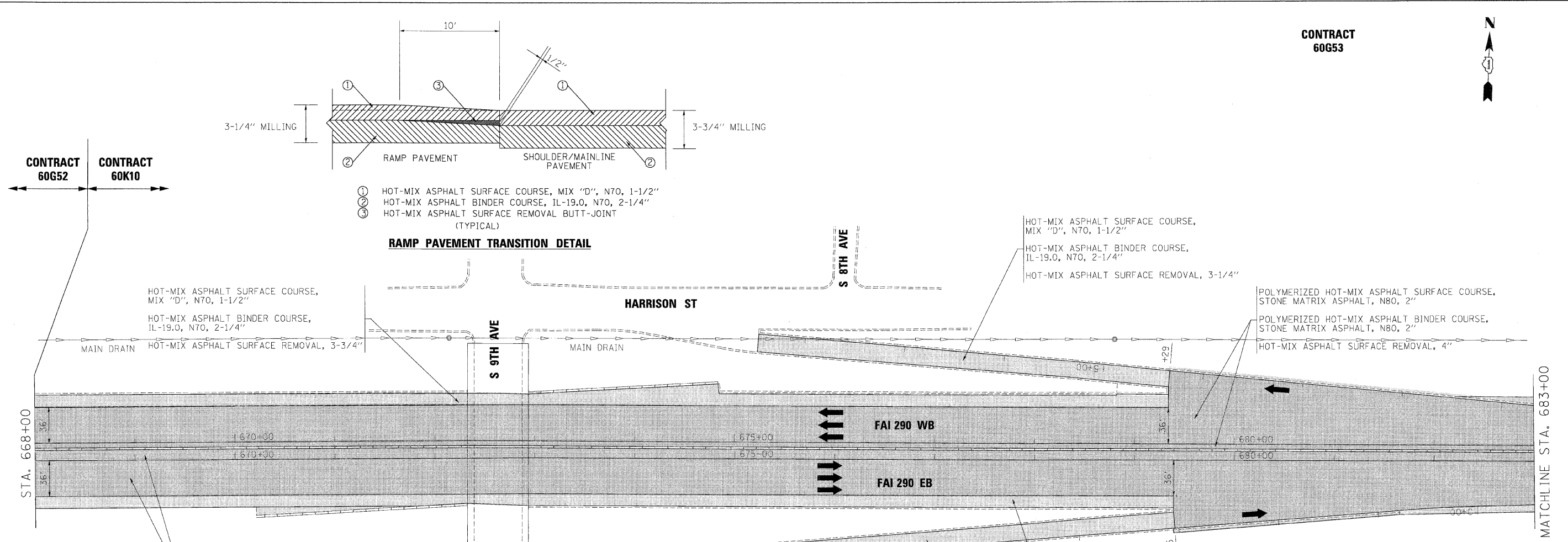
Point 1190 N 1,896,210.9574 E 1,134,852.3180 Sta 0+00.00
 Course from 1190 to 1191 S 87° 49' 33.03" E Dist 290.6860
 Point 1191 N 1,896,199.9296 E 1,135,142.7947 Sta 2+90.69
 Course from 1191 to 1192 S 87° 00' 23.18" E Dist 358.5780
 Point 1192 N 1,896,181.2033 E 1,135,500.8834 Sta 6+49.26
 Course from 1192 to 1193 S 85° 31' 24.55" E Dist 789.2444
 Point 1193 N 1,896,119.6025 E 1,136,287.7201 Sta 14+38.51
 Course from 1193 to 1194 S 85° 53' 50.15" E Dist 187.9189
 Point 1194 N 1,896,106.1578 E 1,136,475.1574 Sta 16+26.43

RAMP E_AUSTN_B

Point 1200 N 1,896,210.9779 E 1,135,393.1511 Sta 0+00.00
 Course from 1200 to 1201 S 83° 18' 43.54" E Dist 274.2035
 Point 1201 N 1,896,179.0439 E 1,135,665.4887 Sta 2+74.20
 Course from 1201 to 1202 S 85° 18' 12.21" E Dist 818.3923
 Point 1202 N 1,896,112.0344 E 1,136,481.1330 Sta 10+92.60

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN I-290 RAMP CURVE DATA		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

CONTRACT
60G53

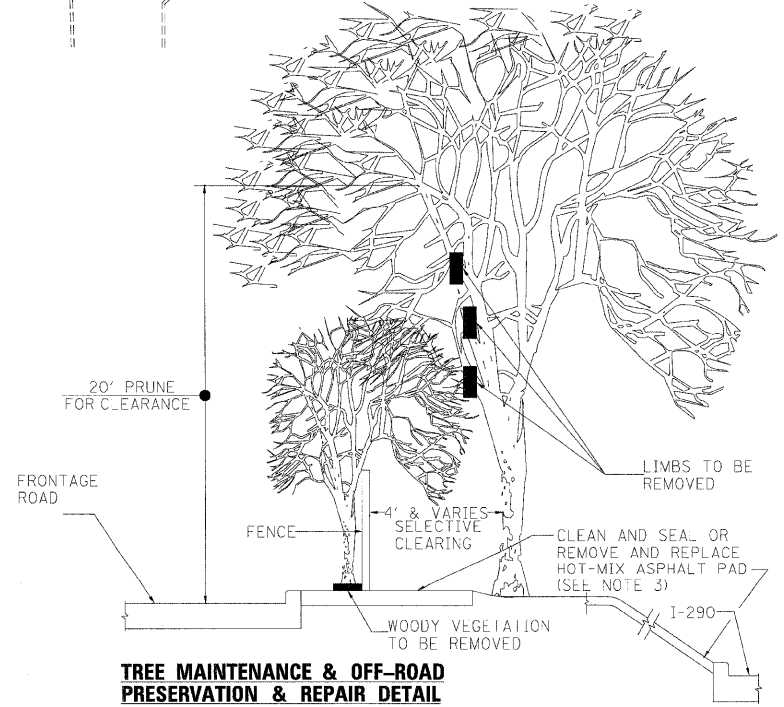


- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- ③ HOT-MIX ASPHALT SURFACE REMOVAL BUTT-JOINT (TYPICAL)

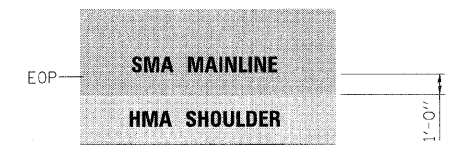
RAMP PAVEMENT TRANSITION DETAIL

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 RAMPS AND BRIDGE APPROACHES, AND ALL HOT-MIX ASPHALT PADS AT ENDS OF BARRIER TERMINAL WALLS. FOR LOCATIONS AND EXTENT OF WORK, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND CONTACT RICK WANNER, ROADSIDE DEVELOPMENT ARCHITECT, IDOT ROADSIDE DEVELOPMENT UNIT, AT (847) 705-4172 AT LEAST 72 HOURS PRIOR TO STARTING WORK. THE PAD SHALL BE 4" THICK.



TREE MAINTENANCE & OFF-ROAD PRESERVATION & REPAIR DETAIL



NOTE:

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

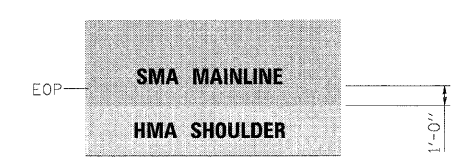
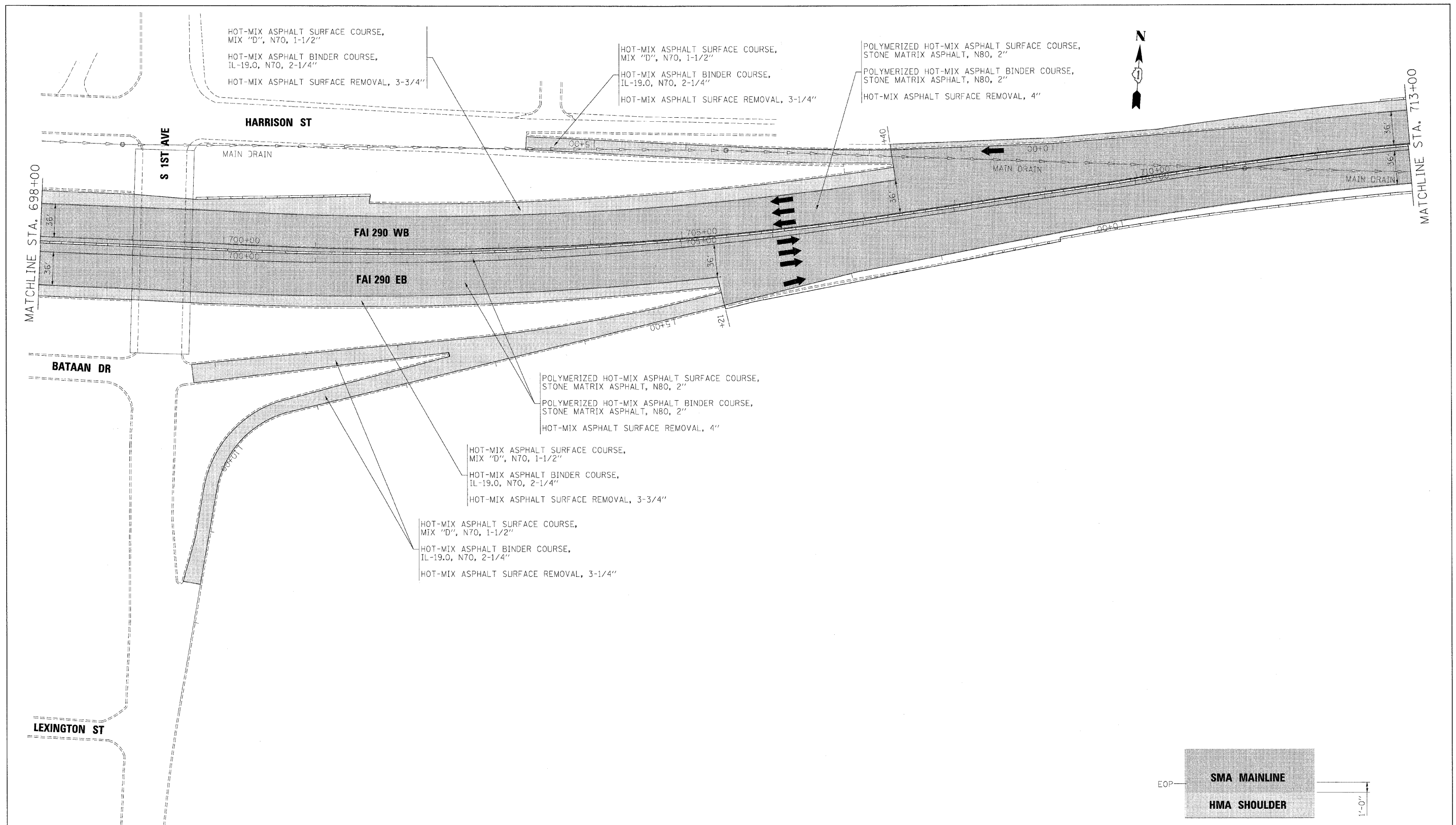
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PLOT DATE = 1/23/2010	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN		
I-290 MAINLINE POB TO STA 683+00		
SCALE: 1"=50'	SHEET NO. 1 OF 14 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	41
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

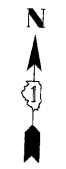
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN	
I-290 MAINLINE STA 698+00 TO STA 713+00	
SCALE: 1"=50'	SHEET NO. 3 OF 14 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435RS-6	COOK	215	43
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K10		



MATCHLINE STA. 713+00

MATCHLINE STA. 728+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"

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"

FAI 290 WB

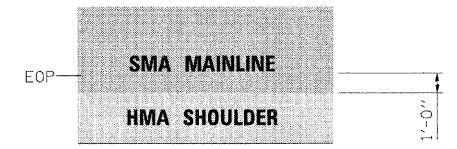
FAI 290 EB

DES PLAINES RIVER

MAIN DRAIN

MAIN DRAIN

MAIN DRAIN



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

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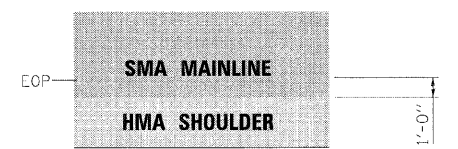
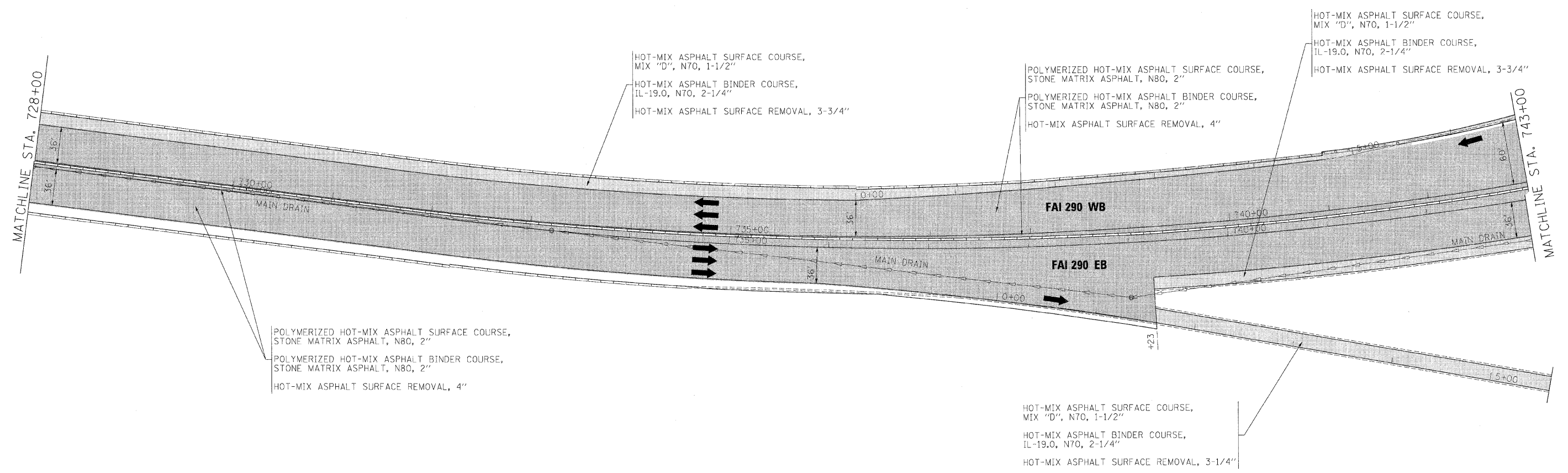
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN
I-290 MAINLINE STA 713+00 TO STA 728+00

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435RS-6	COOK	215	44
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



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

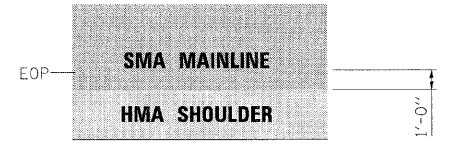
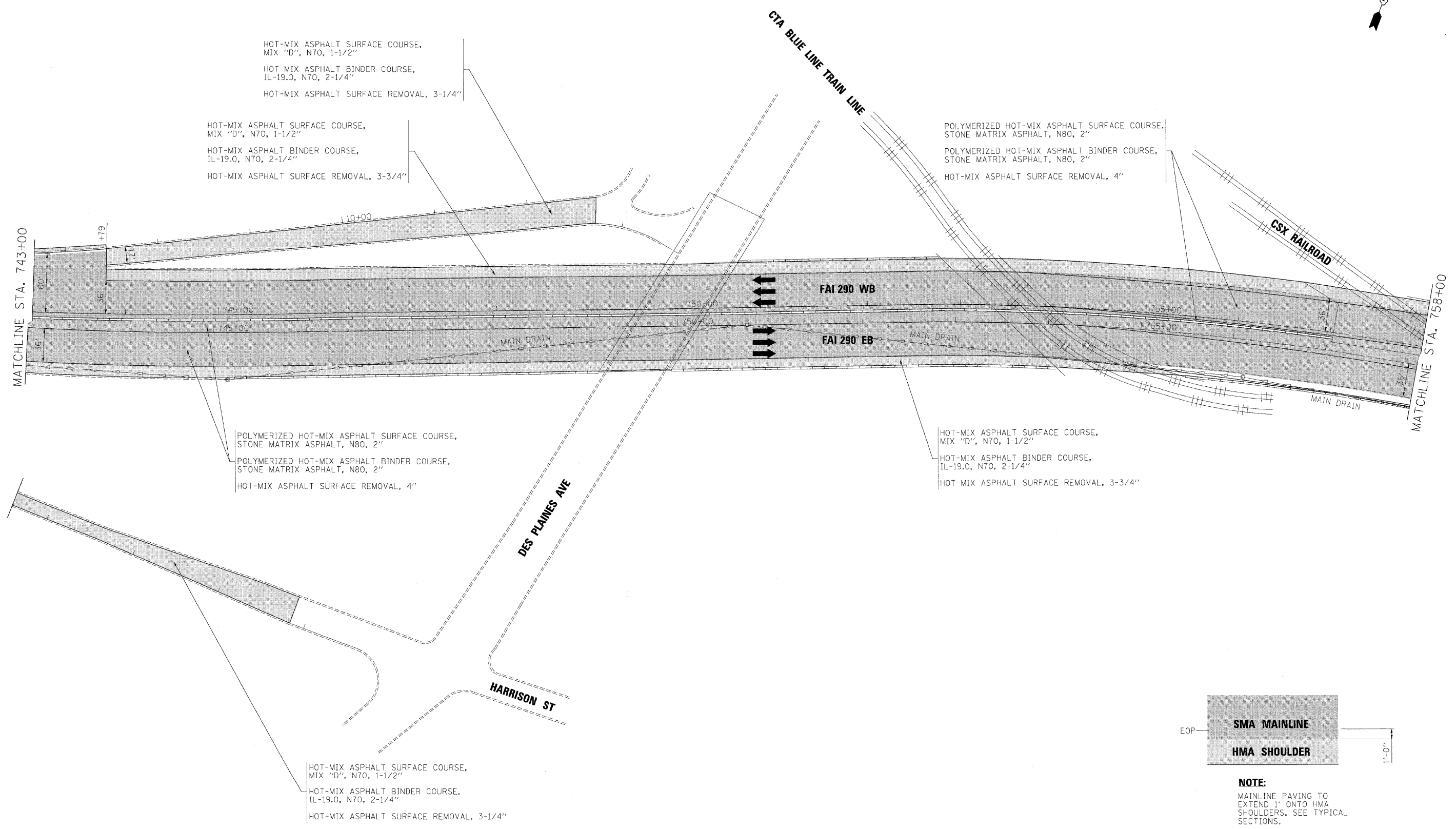
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benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

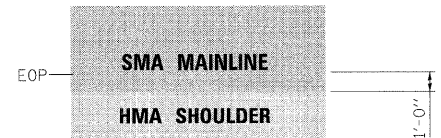
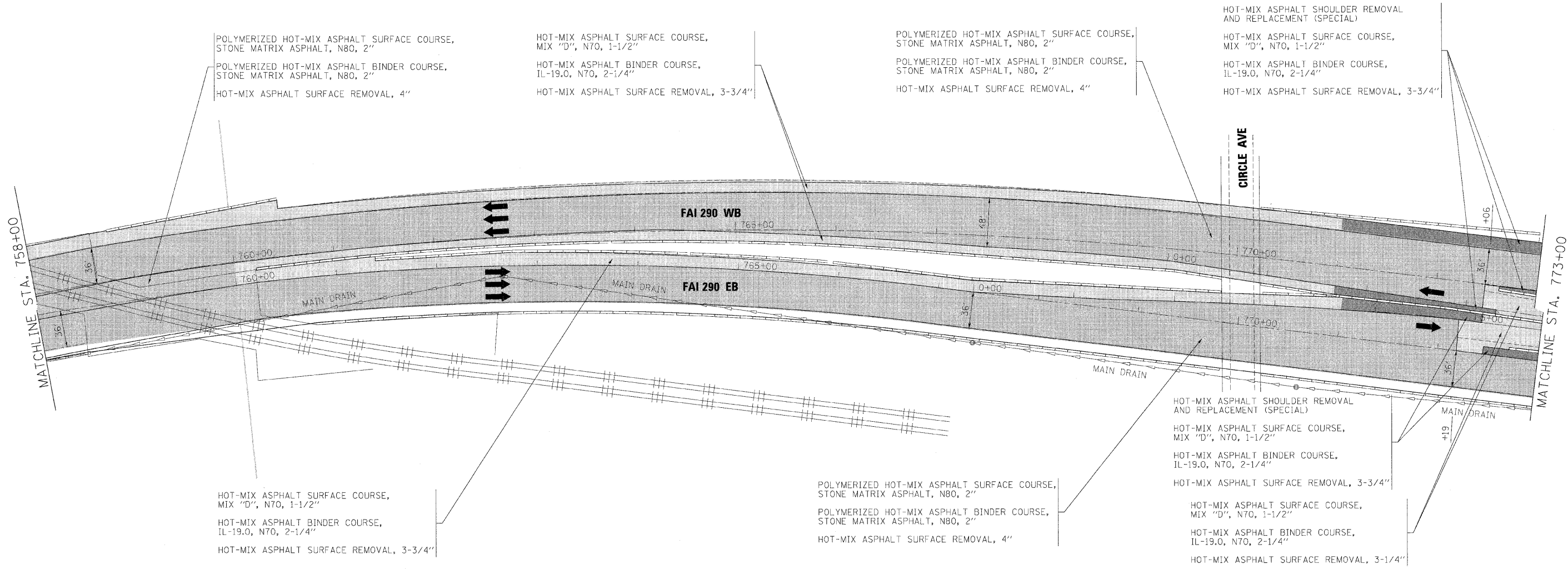
ROADWAY PLAN
I-290 MAINLINE STA 728+00 TO STA 743+00
 SCALE: 1"=50' SHEET NO. 5 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	45
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



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

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...prpln.abc.c2.290.plan.24.cgn	DRAWN - TMB	REVISED -			I-290 MAINLINE STA 743+00 TO STA 758+00			290	(3131, ETC., 3435)RS-6	COOK	215	46	
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -											
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT													



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

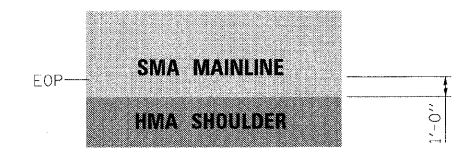
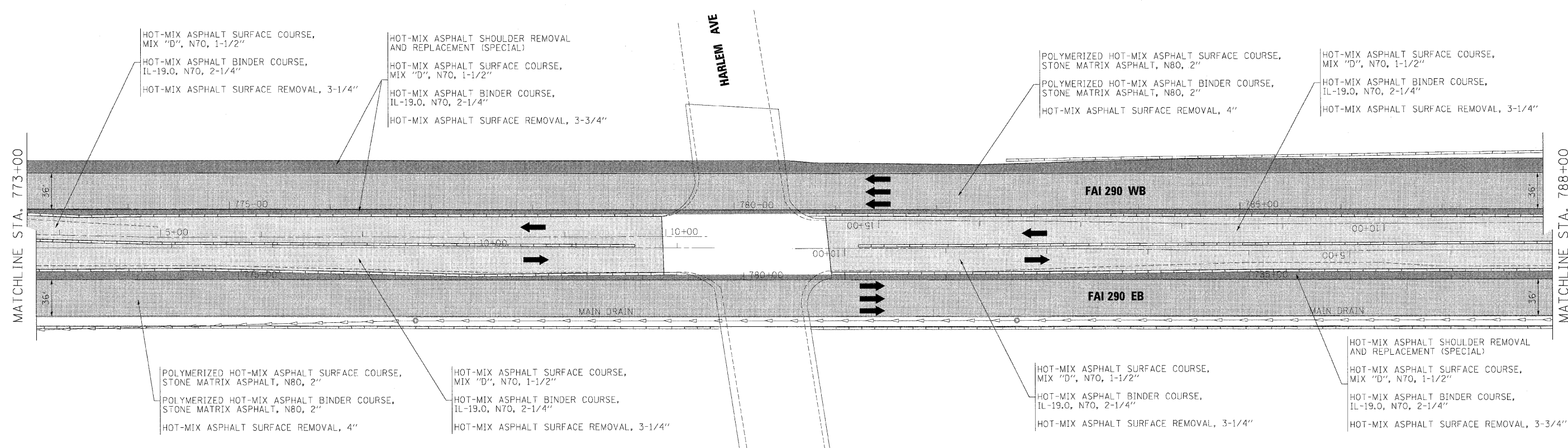
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

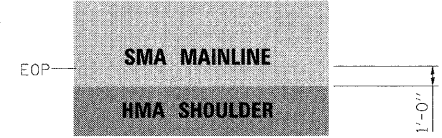
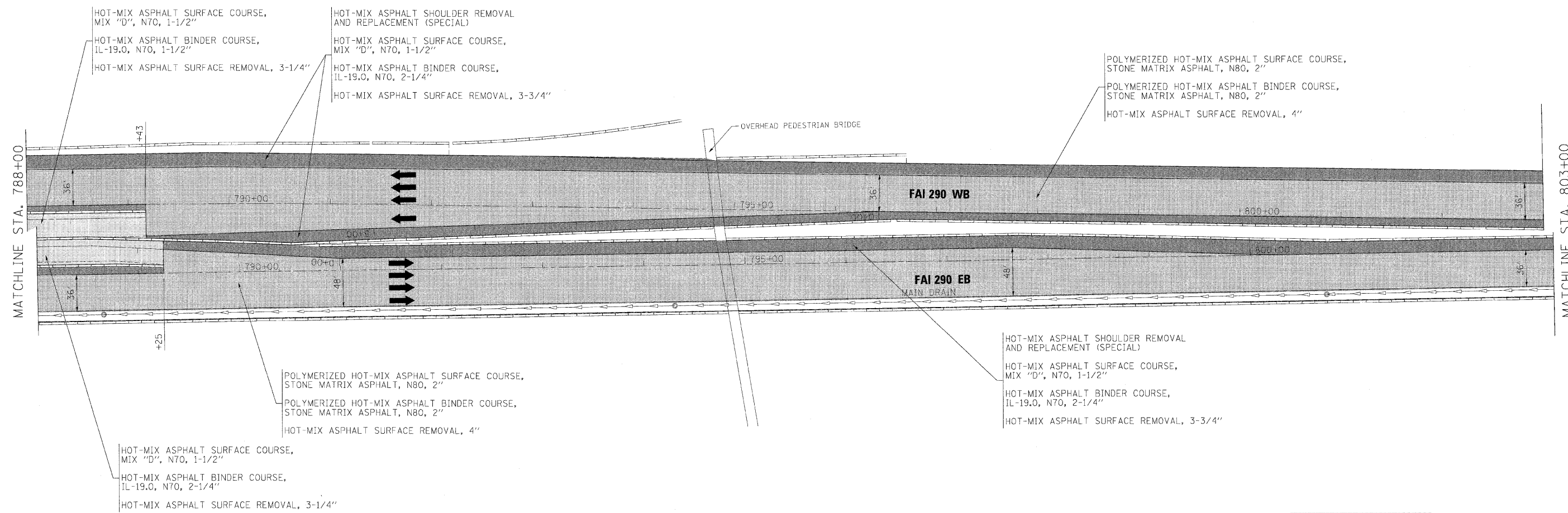
ROADWAY PLAN		
I-290 MAINLINE STA 758+00 TO STA 773+00		
SCALE: 1"=50'	SHEET NO. 7 OF 14 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	47
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



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

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USER NAME = tblank	DRAWN - TMB	REVISED -			I-290 MAINLINE STA 773+00 TO STA 788+00			290	(313), ETC., 3435)RS-6	COOK	215	48	
PLOT DATE = 1/26/2010	CHECKED - JMM	REVISED -			SCALE: 1"=50'	SHEET NO. 8	OF 14 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
	DATE - 1/25/10	REVISED -											



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

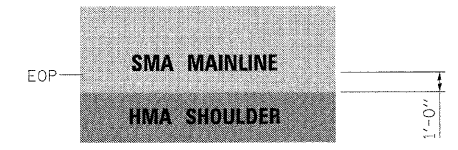
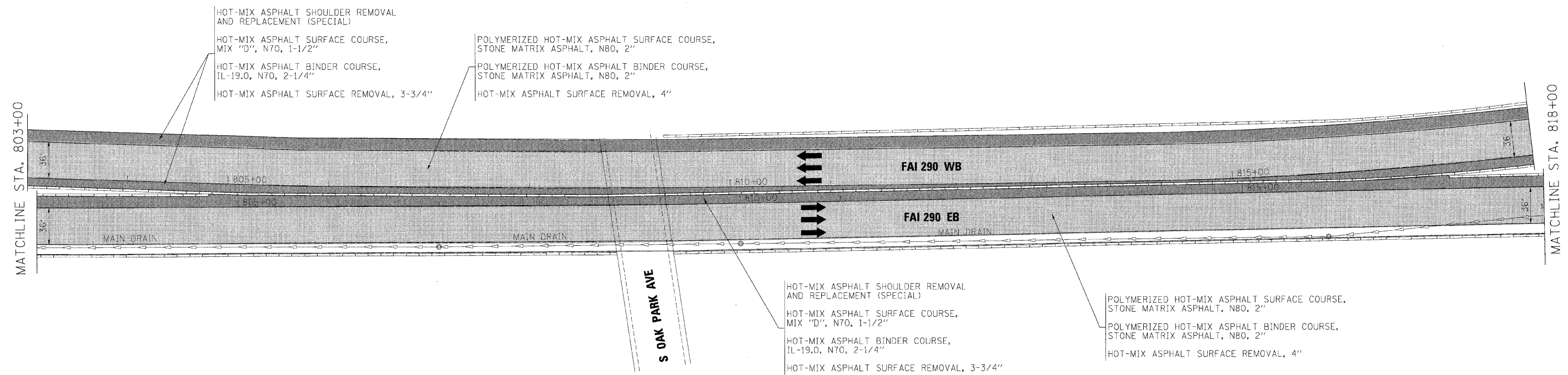
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

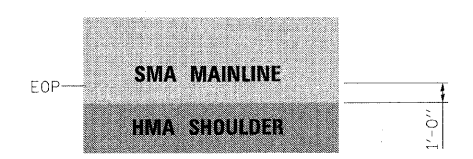
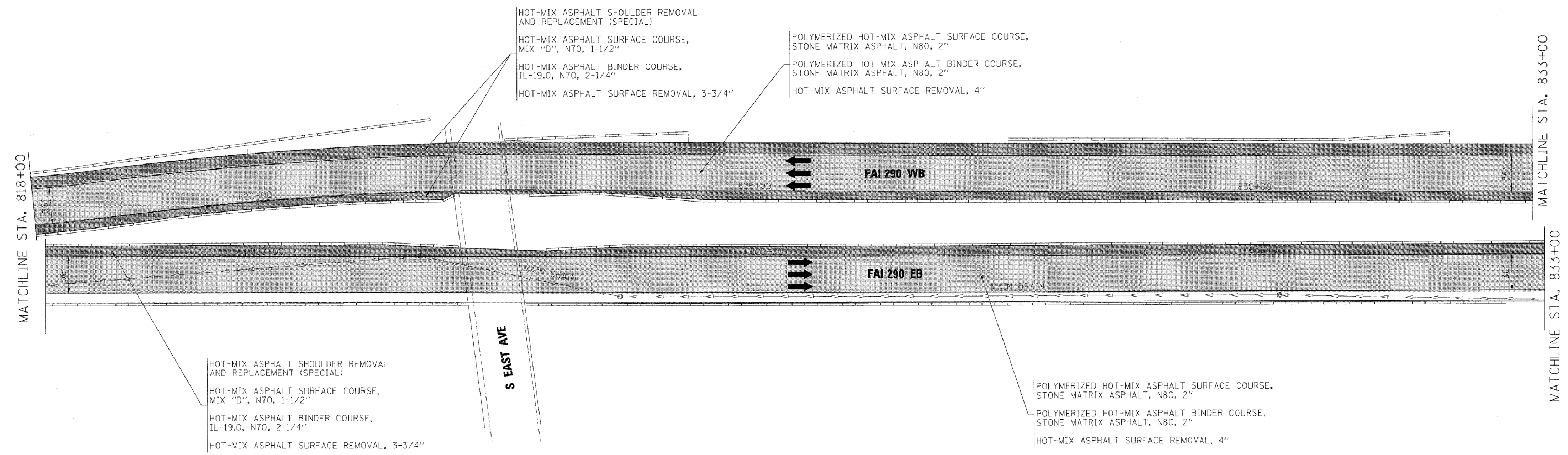
ROADWAY PLAN	
I-290 MAINLINE STA 788+00 TO STA 803+00	
SCALE: 1"=50'	SHEET NO. 9 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435RS-6	COOK	215	49
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60K10	



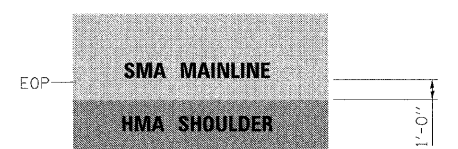
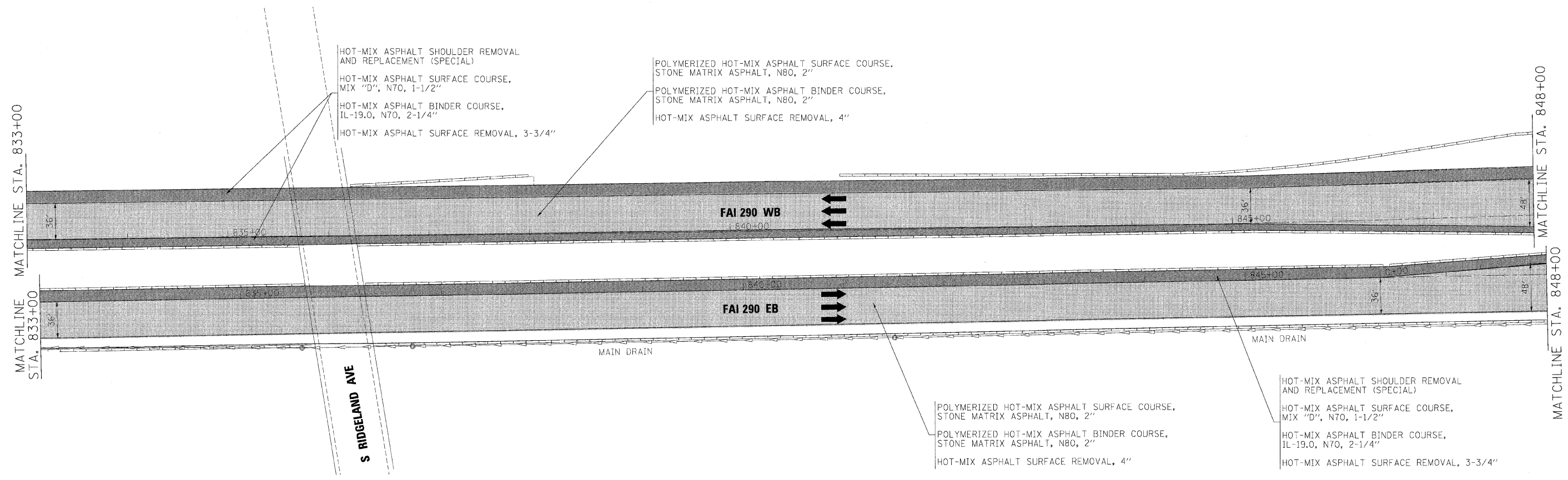
NOTE:
 MAINLINE PAVING TO EXTEND 1' ONTO HMA SHOULDERS. SEE TYPICAL SECTIONS.

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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USER NAME = ublank	CHECKED - JMM	REVISED -			I-290 MAINLINE STA 803+00 TO STA 818+00			CONTRACT NO. 60K10				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: 1"=50'	SHEET NO. 10 OF 14 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



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

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 1/25/2010	DATE = 1/25/10	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT						



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

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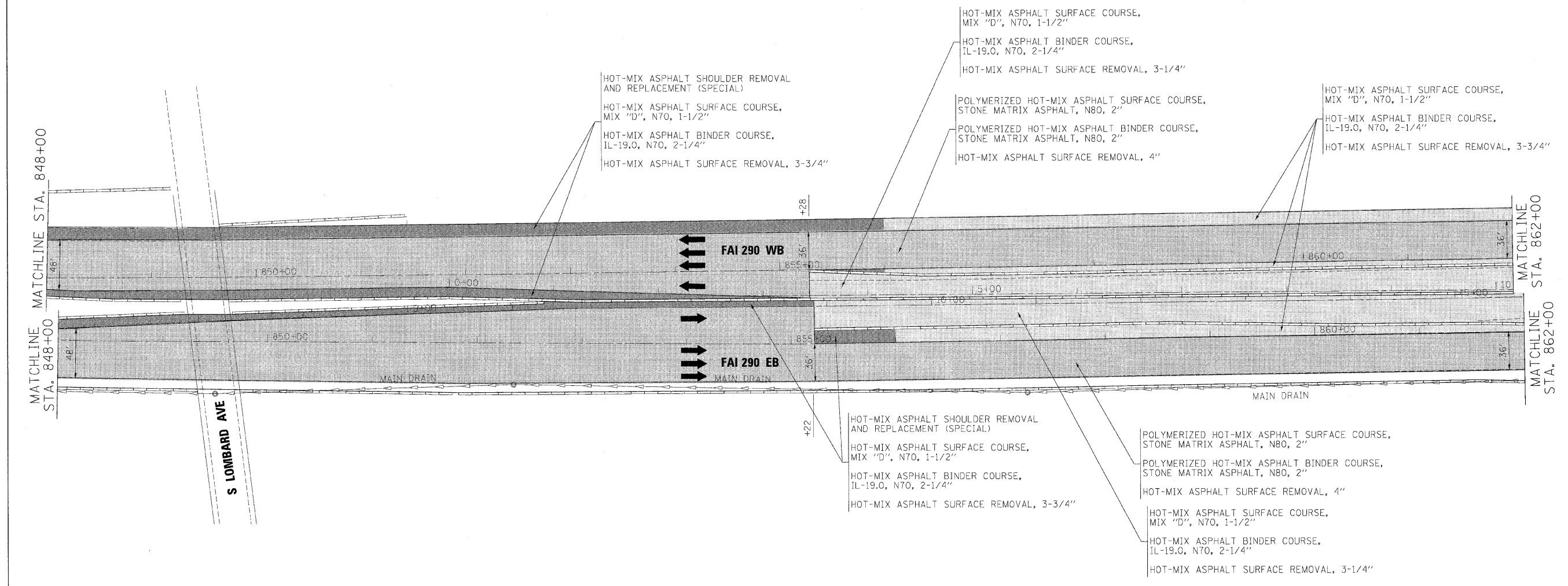
benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

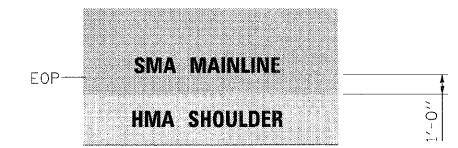
ROADWAY PLAN
I-290 MAINLINE STA 833+00 TO STA 848+00

SCALE: 1"=50' | SHEET NO. 12 OF 14 SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	52
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 60K10				

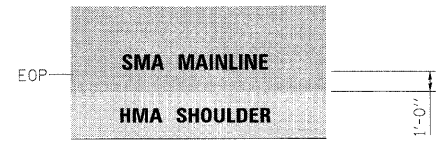
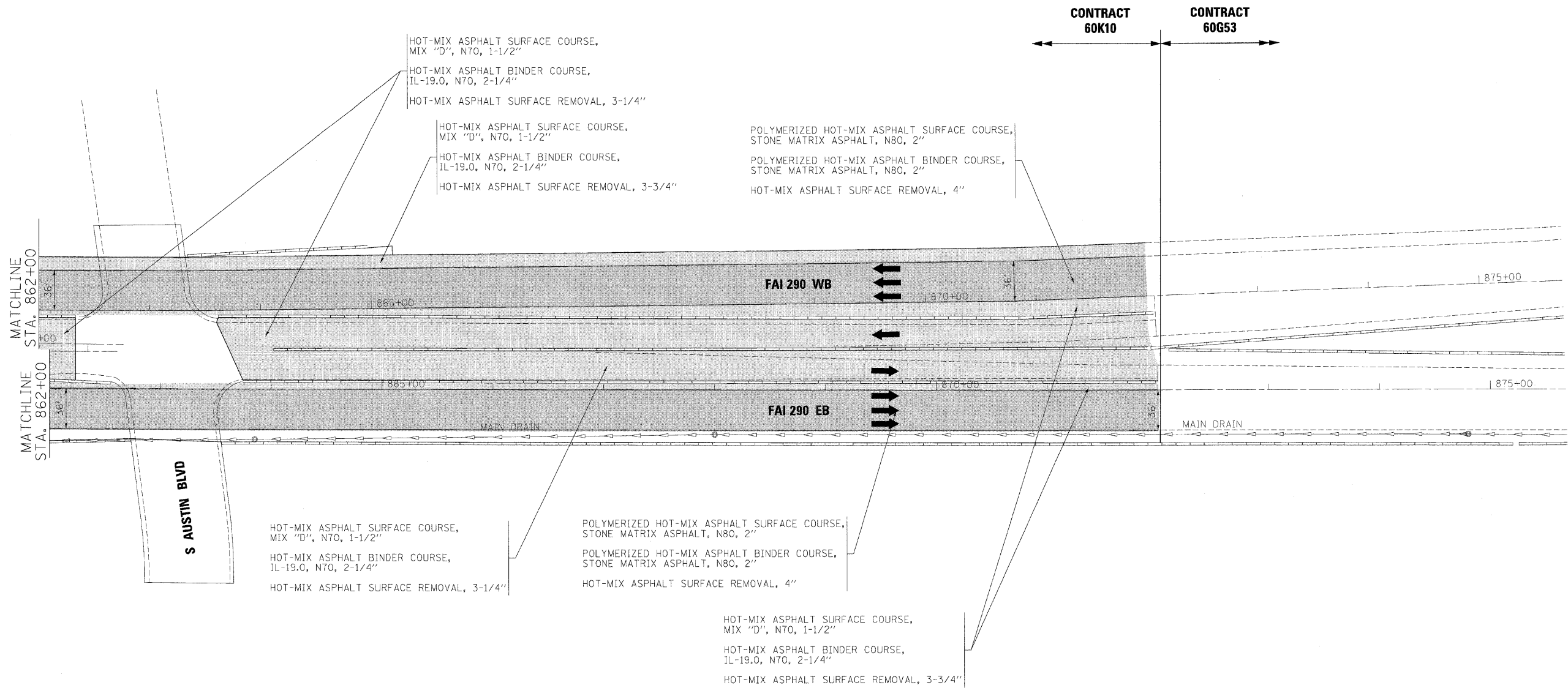


S LOMBARD AVE



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

FILE NAME = ...prpln.ABC.C2.290.pln.31.dgn	DESIGNED - AJP	REVISIONS	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
USER NAME = tblank	DRAWN - TMB	REVISIONS			I-290 MAINLINE STA 848+00 TO STA 862+00			290	(3131, ETC., 3435)RS-6	COOK	215	53	
PLOT DATE = 1/25/2010	CHECKED - JMM	REVISIONS			SCALE: 1"=50'	SHEET NO. 13 OF 14 SHEETS	STA.	TO STA.	CONTRACT NO. 60K10				
	DATE - 1/25/10	REVISIONS			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



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

FILE NAME =	DESIGNED - AJP	REVISED -
...prpln_ABC_C2_290_plan_32.dgn	DRAWN - TMB	REVISED -
USER NAME = tAJenk	CHECKED - JMM	REVISED -
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN			
I-290 MAINLINE STA 862+00 TO P.O.E.			
SCALE: 1"=50'	SHEET NO. 14 OF 14 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	54
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	

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. FROM THE WESTERN PROJECT LIMITS, TRAFFIC WILL BE REDUCED TO TWO LANES EASTBOUND. THE OUTSIDE LANE WILL BE CLOSED. THE LANE CONFIGURATION AND ADVANCE SIGNAGE REQUIRED AT THE WEST END OF THE CONTRACT WILL BE COORDINATED WITH CONTRACT 60652.
2. TRAFFIC WILL BE SHIFTED TO THE INSIDE SHOULDER PRIOR TO THE DES PLAINES RIVER BRIDGE.
3. EAST OF THE DES PLAINES RIVER BRIDGE, TRAFFIC WILL BE SHIFTED FROM THE INSIDE SHOULDER TO THE EXISTING INSIDE AND MIDDLE LANES PRIOR TO RE-OPENING THE OUTSIDE LANE.
4. EAST OF THE DES PLAINES RIVER BRIDGE, THREE EASTBOUND LANES WILL BE MAINTAINED TO THE EASTERN CONTRACT LIMIT.
5. THE LANE CONFIGURATION AT THE EAST END OF THE CONTRACT WILL BE COORDINATED WITH CONTRACT 60653.

WB I-290

1. FROM THE EASTERN PROJECT LIMITS, TRAFFIC WILL BE REDUCED TO TWO WESTBOUND LANES. THE OUTSIDE LANE WILL BE CLOSED. ALL ENTRANCE AND EXIT RAMP MUST REMAIN OPEN. THE LANE CONFIGURATION AND ADVANCE SIGNAGE REQUIRED EAST OF THE PROJECT LIMIT WILL BE COORDINATED WITH CONTRACT 60653.
2. THE TWO WESTBOUND LANES WILL BE MAINTAINED IN THE MIDDLE AND INSIDE LANE FROM THE EASTERN CONTRACT LIMITS TO THE DES PLAINES RIVER BRIDGE. TWO LANES OF TRAFFIC WILL SHIFT TO THE INSIDE SHOULDER EAST OF THE DES PLAINES RIVER BRIDGE. WEST OF THE BRIDGE, TRAFFIC WILL SHIFT TO THE EXISTING MIDDLE LANE AND INSIDE LANE. THE OUTSIDE LANE WILL REMAIN CLOSED.
3. EAST OF THE ADDISON CREEK BRIDGE, TRAFFIC WILL BE SHIFTED TO THE INSIDE SHOULDER. WEST OF THE BRIDGE, BOTH LANES WILL BE SHIFTED TO THE EXISTING MIDDLE AND INSIDE LANES, WITH THE OUTSIDE LANE REMAINING CLOSED.
4. EAST OF THE HILLSIDE DRIVE BRIDGE, TWO LANES OF TRAFFIC SHIFT TO THE INSIDE SHOULDER THROUGH THE WOLF ROAD BRIDGE.

CONSTRUCTION

WORK ON CONTRACT ITEMS WHERE POSSIBLE BY UTILIZING LANE CLOSURES IMPLEMENTED IN THE STAGE 1 MAINTENANCE OF TRAFFIC PLANS. WORK OUTSIDE OF THE PERMANENT LANE CLOSURES MUST BE ACCOMPLISHED DURING THE ALLOWABLE HOURS FOR TEMPORARY LANE CLOSURES PER THE SPECIAL PROVISIONS.

RECONSTRUCT THE WESTBOUND OUTSIDE SHOULDER AT THE LOCATIONS INDICATED IN THE PLANS

I-290 OVER DES PLAINES RIVER (SN 016-0090)

1. REPAIR BRIDGE DECKS.
2. REPAIR APPROACH SLABS.
3. REPLACE PREFORMED JOINT SEALS WITH SILICONE JOINT SEALS.
4. REMOVE AND REINSTALL CHAIN LINK FENCE POSTS, INCLUDING CONCRETE PARAPET REPAIRS.
5. CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
6. APPLY CONCRETE SEALER TO BRIDGE DECK, APPROACH SLABS AND PARAPETS.

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. FROM THE WESTERN PROJECT LIMITS, TRAFFIC WILL BE REDUCED TO TWO LANES EASTBOUND. THE INSIDE LANE WILL BE CLOSED. THE LANE CONFIGURATION AND ADVANCE SIGNAGE REQUIRED AT THE WEST END OF THE CONTRACT WILL BE COORDINATED WITH CONTRACT 60652.
2. TRAFFIC WILL BE SHIFTED TO THE OUTSIDE SHOULDER OVER THE DES PLAINES RIVER BRIDGE.
3. EAST OF DES PLAINES AVENUE, TRAFFIC WILL BE SHIFTED TO THE OUTSIDE SHOULDER. A THIRD LANE WILL BE ADDED TO THE INSIDE.
4. EAST OF DES PLAINES AVENUE, THREE EASTBOUND LANES OF TRAFFIC WILL BE MAINTAINED ON THE OUTSIDE SHOULDER TO JUST WEST OF AUSTIN AVENUE WHERE THEY WILL TRANSITION TO THE EXISTING CONFIGURATION.

WB I-290

1. FROM AUSTIN BOULEVARD, THREE WESTBOUND LANES WILL BE SHIFTED TO THE OUTSIDE SHOULDER. THE LANE CONFIGURATION AND ADVANCE SIGNAGE REQUIRED EAST OF THE PROJECT LIMIT WILL BE COORDINATED WITH CONTRACT 60653.
2. THE INSIDE LANE WILL EXIT AT HARLEM AVENUE. TWO WESTBOUND LANES WILL THEN SHIFT ONTO THE EXISTING INSIDE AND MIDDLE LANES. THE RIGHT LANE WILL BE CLOSED.
3. THE TWO WESTBOUND LANES WILL SHIFT TO THE OUTSIDE SHOULDER EAST OF THE DES PLAINES RIVER.
4. AFTER CROSSING THE DES PLAINES RIVER BRIDGE, BOTH LANES WILL SHIFT TO THE EXISTING MIDDLE AND OUTSIDE LANE. THE INSIDE LANE WILL REMAIN CLOSED TO THE WESTERN CONTRACT LIMITS. THE LANE CONFIGURATION WILL BE COORDINATED WITH CONTRACT 60652.

CONSTRUCTION

WORK ON CONTRACT ITEMS WHERE POSSIBLE BY UTILIZING LANE CLOSURES IMPLEMENTED IN THE STAGE 2 MAINTENANCE OF TRAFFIC PLANS. WORK OUTSIDE OF THE PERMANENT LANE CLOSURES MUST BE ACCOMPLISHED DURING THE ALLOWABLE HOURS FOR TEMPORARY LANE CLOSURES PER THE SPECIAL PROVISIONS.

RECONSTRUCT THE INSIDE SHOULDERS OF EASTBOUND AND WESTBOUND I-290 AT THE LOCATIONS INDICATED ON THE PLANS.

I-290 OVER DES PLAINES RIVER (SN 016-0090)

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

STAGE 3

INSTALL TEMPORARY SIGNING, STRIPING AND OTHER TRAFFIC CONTROL DEVICES NECESSARY FOR THE STAGE 3 TRAFFIC CONFIGURATION, INCLUDING THE NECESSARY MODIFICATIONS TO THE EXISTING GROUND MOUNTED AND OVERHEAD SIGNS.

TRAFFIC

1. APPLY IDOT DISTRICT ONE STANDARD TC-25 CENTER LANE CLOSURE FOR THE CONSTRUCTION OF THE DES PLAINES RIVER BRIDGE REPAIRS. WEEKEND-ONLY CLOSURES WILL BE IMPLEMENTED FOR THE MIDDLE SECTION OF THE BRIDGE.
2. SEE MAINTENANCE OF TRAFFIC TYPICAL SECTIONS FOR PATCHING AND RESURFACING TRAFFIC CONTROL.
3. THE EXISTING PAVEMENT MARKING CONFIGURATION SHALL BE RESTORED BEFORE BEGINNING RESURFACING OPERATIONS.

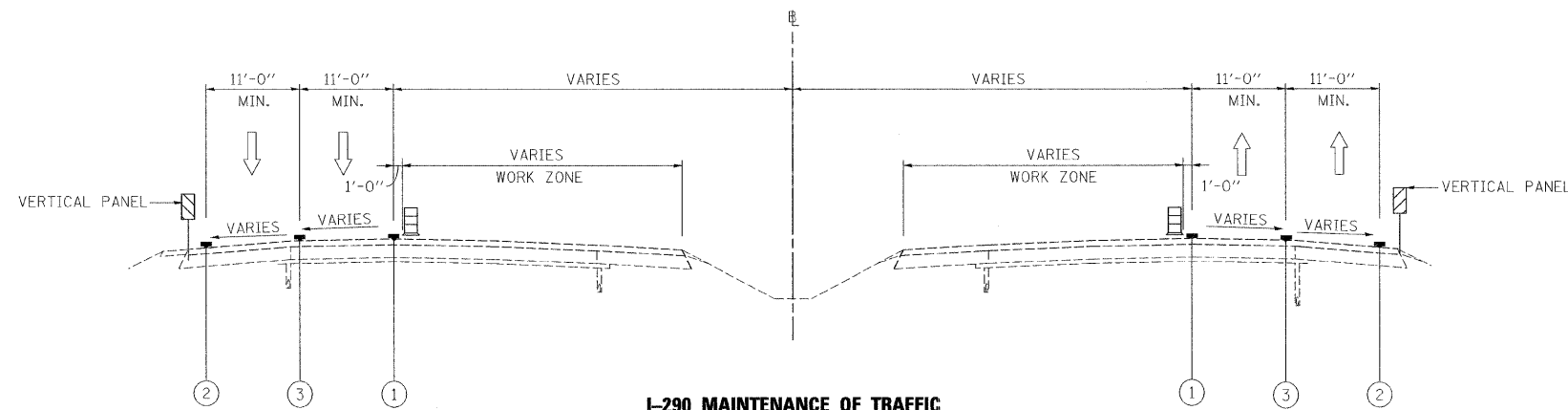
CONSTRUCTION

SEE MAINTENANCE OF TRAFFIC TYPICAL SECTIONS FOR PATCHING AND RESURFACING CONSTRUCTION ITEMS, INCLUDING THE ROOSEVELT ROAD FEEDER RAMP. THE CONTRACTOR SHALL NOT HAVE MORE THAN 4 CONTINUOUS SURVEILLANCE LOOPS (APPROXIMATELY 2 MILES) NON-OPERATIONAL AT ANY GIVEN TIME.

I-290 OVER DES PLAINES RIVER (SN 016-0090)

1. REPAIR BRIDGE DECKS.
2. REPAIR APPROACH SLABS.
3. REPLACE PREFORMED JOINT SEALS WITH SILICONE JOINT SEALS.
4. CLEAN AND RESEAL RELIEF JOINTS AT THE ENDS OF APPROACH PAVEMENT CONNECTORS.
5. APPLY CONCRETE SEALER TO BRIDGE DECK, PARAPETS, APPROACH SLABS, ABUTMENT SEATS AND BACKWALLS.
6. SEE MAINTENANCE OF TRAFFIC TYPICAL SECTIONS FOR PATCHING AND RESURFACING CONSTRUCTION ITEMS.

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.	
... \pripin\ABC\C2_gannotes\motdgn	DRAWN - TMB	REVISED -			290	(3131, ETC., 3435)RS-6	COOK	215	55				
USER NAME = jmajewski	CHECKED - RMT	REVISED -			SCALE: N.T.S.		SHEET NO. 1	OF 50 SHEETS	STA.	TO STA.	CONTRACT NO. 60K10		
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -						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
668+00 to 705+00	X	X		X
705+00 to 735+00		X		X
735+00 to 738+00	X	X		X
738+00 to 744+00	X	X		
744+00 to 760+00	X	X		X
760+00 to 772+00	X	X	X	X
772+00 to 775+00	X	X		X
775+00 to 785+00		X		X
785+00 to 790+00	X	X		X
790+00 to 805+00	X	X	X	X
805+00 to 811+00	X	X		X
811+00 to 815+00	X	X		X
815+00 to 843+00	X	X	X	X
843+00 to 849+00	X	X		X
849+00 to 854+00		X	X	X
854+00 to 860+00	X	X		X
860+00 to 865+00		X		X
865+00 to 872+00	X	X	X	X

CONTRACTOR OPTION FOR STAGING ON SHOULDERS

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

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

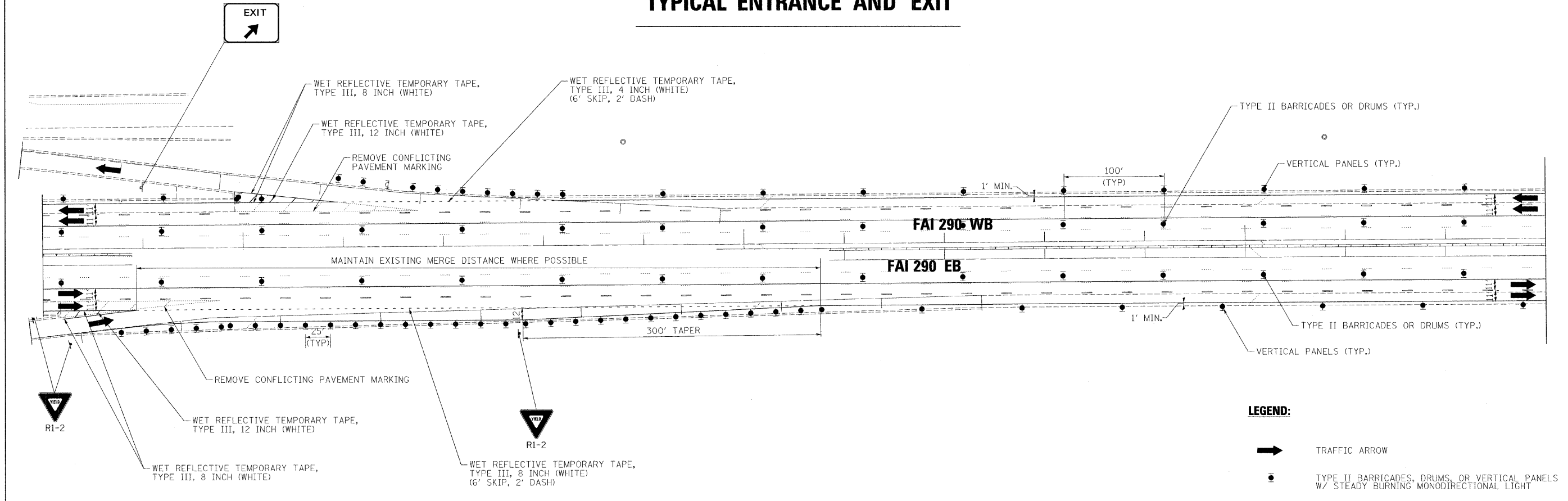
THE CONTRACTOR WILL BE REQUIRED TO SUBMIT PLANS OF THE SHOULDER STAGING OPTION TO THE ENGINEER FOR APPROVAL AT LEAST 2 WEEKS PRIOR TO SHIFTING TRAFFIC INTO THE STAGED CONFIGURATION. THE PLANS SHALL INCLUDE LANE CONFIGURATIONS, WORK ZONES, TRAFFIC CONTROL DEVICES, SIGNING (TEMPORARY AND EXISTING OVERHEAD)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

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

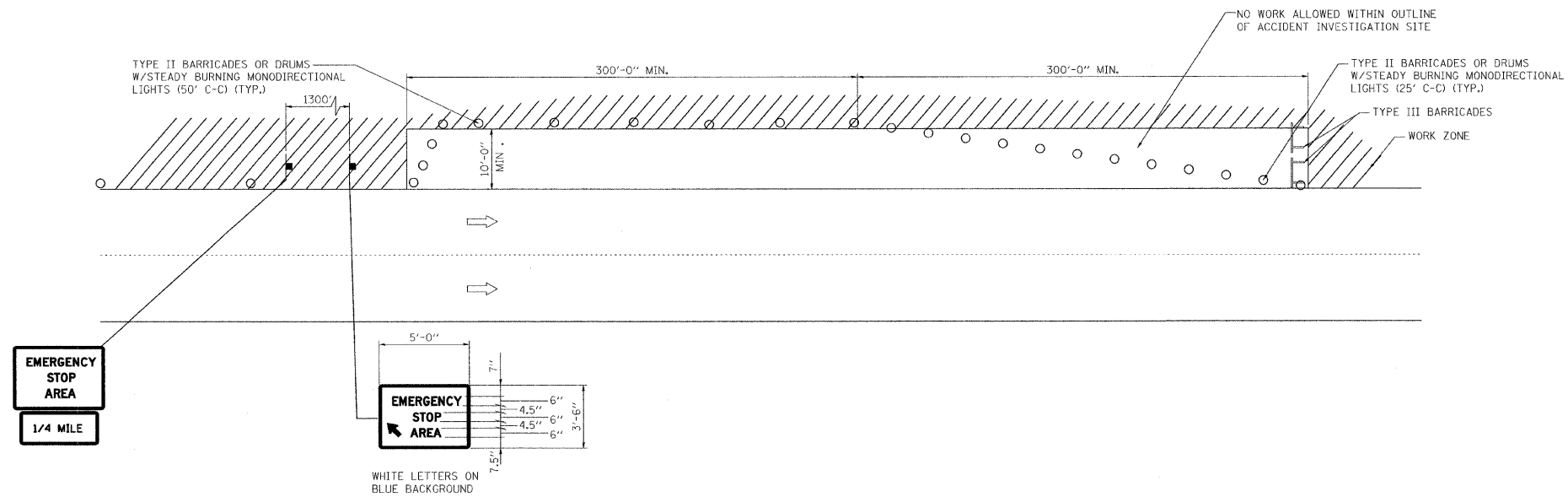
THE CONTRACTOR SHALL NOT EXPOSE OPEN CUT PAVEMENT SUCH AS FULL AND PARTIAL DEPTH PATCHING ACROSS THE ENTIRE WORK ZONE AT ONE TIME. IF PATCHING OPERATIONS ARE PERFORMED, THE CONTRACTOR SHALL PROVIDE A CONTINUOUS 10-FOOT TRAVEL LANE FOR PASSAGE OF EMERGENCY VEHICLES IF NECESSARY. ALL PATCHES GREATER THAN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

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.
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PLOT DATE = #DATE#	DATE - 1/25/10	REVISED -				FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
						SCALE: N.T.S.	SHEET NO. 2	OF 50 SHEETS	STA.	TO STA.

TYPICAL ENTRANCE AND EXIT



ACCIDENT INVESTIGATION SITE



FILE NAME =	DESIGNED - AJP	REVISED -
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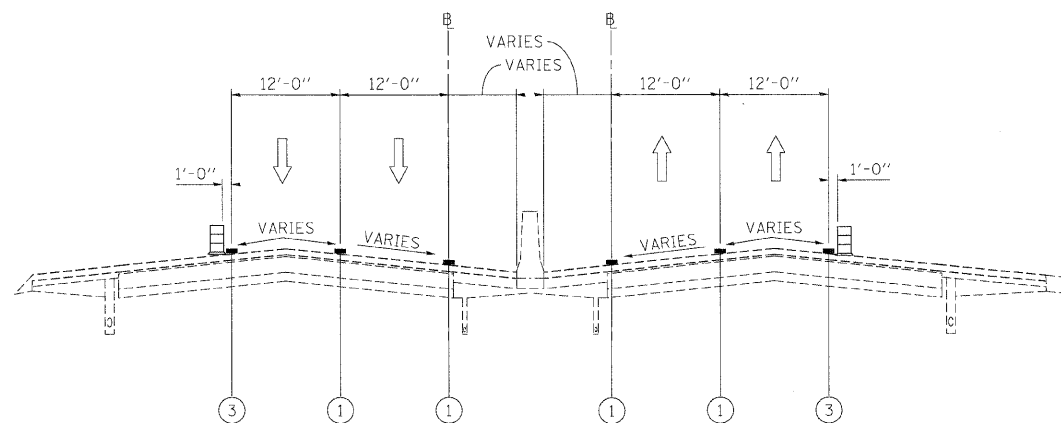
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
SHOULDER STAGING OPTION**

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

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	57
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K10	



WESTBOUND




EASTBOUND

STA 668+00 (START OF CONTRACT) TO STA 718+68

STA 668+00 (START OF CONTRACT) TO STA 715+95

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

LEGEND

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

FILE NAME =	DESIGNED - AJP	REVISED -
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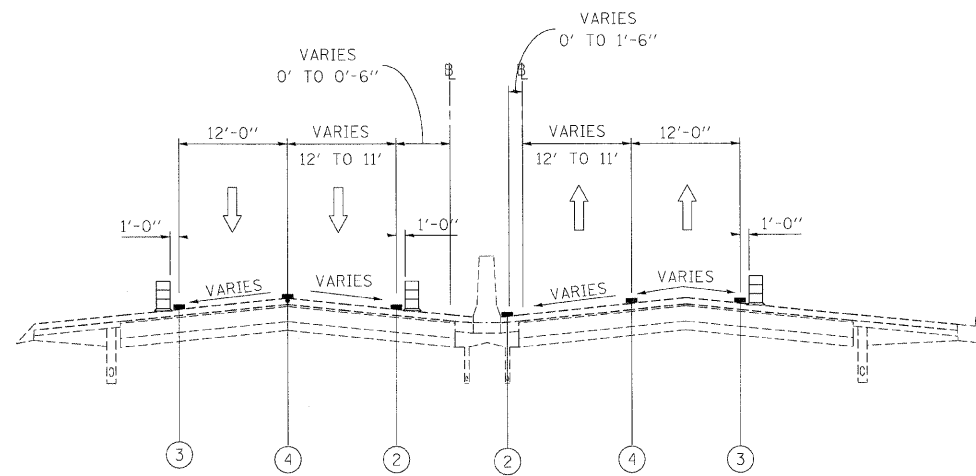
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET NO. 4 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435/RS-6	COOK	215	58
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K10	






WESTBOUND
STA 718+68 TO STA 718+85

EASTBOUND
STA 715+95 TO STA 716+85

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

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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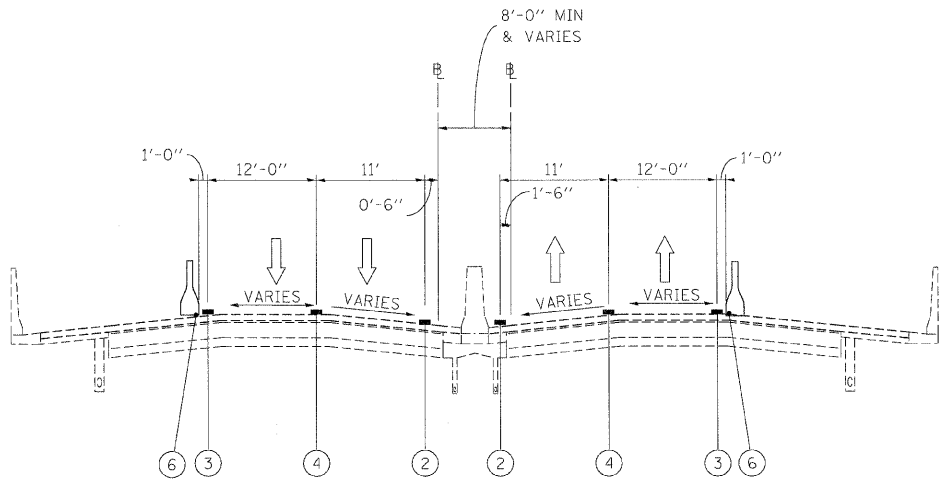
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

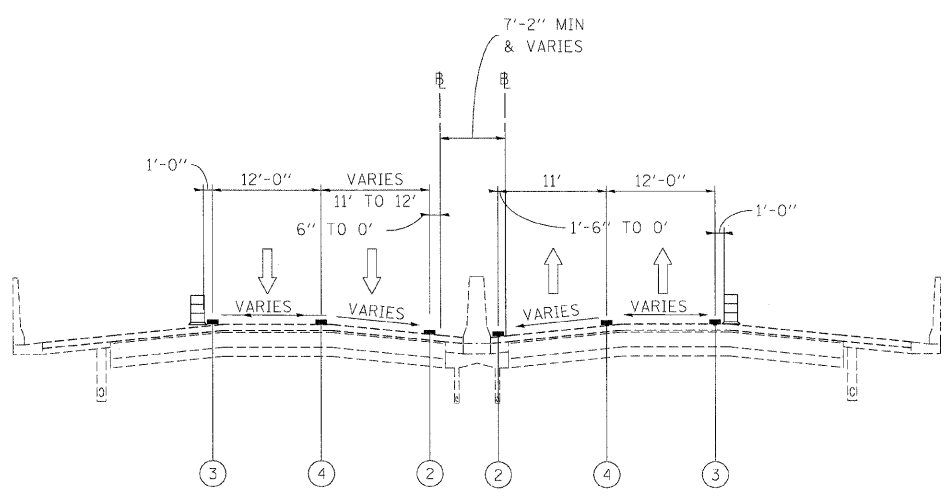
SCALE: SHEET NO. 5 OF 50 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435)RS-6	COOK	215	59
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	






WESTBOUND STA 716+85 TO STA 726+20
EASTBOUND STA 716+85 TO STA 726+70
I-290 MAINTENANCE OF TRAFFIC
TYPICAL SECTION
 STAGE 1

BRIDGE OMISSION: STA 720+35 TO STA 723+20

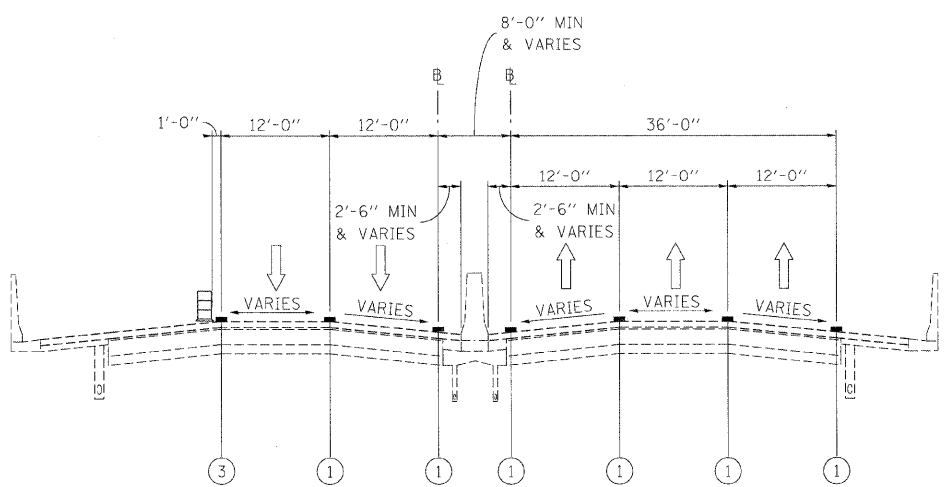


WESTBOUND STA 726+20 TO STA 726+70
EASTBOUND STA 726+70 TO STA 727+58
I-290 MAINTENANCE OF TRAFFIC
TYPICAL SECTION
 STAGE 1

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

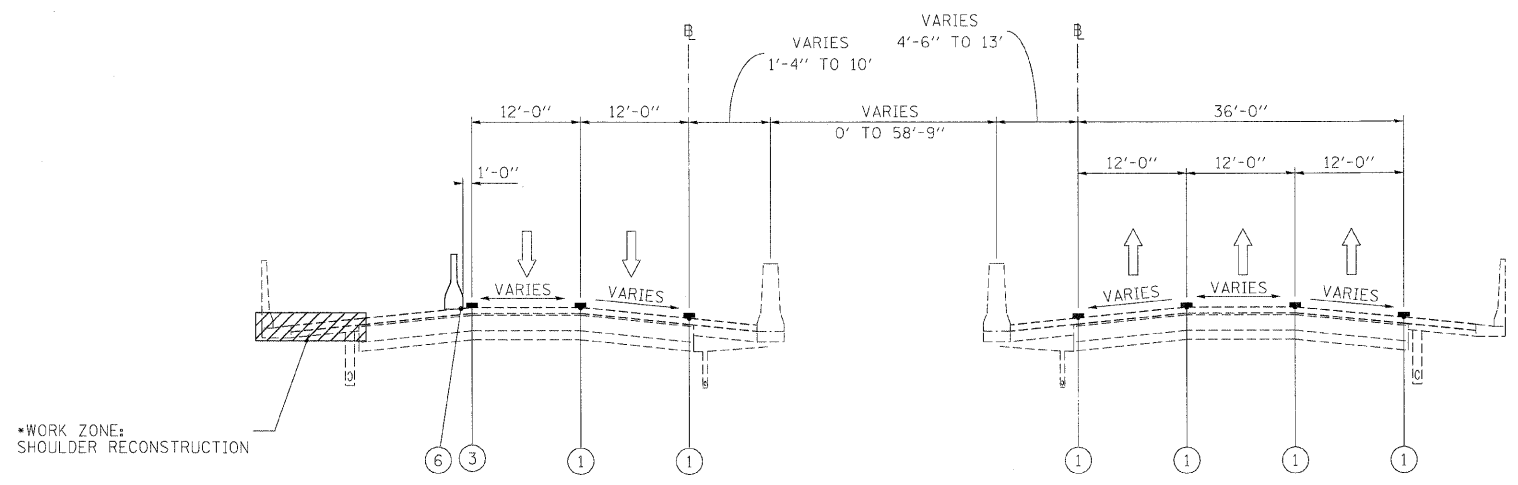
FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 1	F.A.I. SECTION COUNTY TOTAL SHEETS SHEET NO.
...\\ppln\ABC\C2\m1\mat.typ.st.1.07.dgn	DRAWN - TMB	REVISED -				290 (313), ETC., 3435)RS-6 COOK 215 60
USER NAME = jma_jewski	CHECKED - JJT	REVISED -				CONTRACT NO. 60K10
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
SCALE: SHEET NO. 6 OF 50 SHEETS STA. TO STA.						



WESTBOUND
STA 726+70 TO STA 770+00

EASTBOUND
STA 727+58 TO STA 770+00

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



WESTBOUND
* WORK ZONE FROM
STA 771+00 TO STA 856+00

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

EASTBOUND
STA 770+00 TO STA 858+10

LEGEND

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

FILE NAME =	DESIGNED - AJP	REVISED -
...\\prpln\ABC_C2\m1\mot.tpo.st.1.10.dgn	DRAWN - TMB	REVISED -
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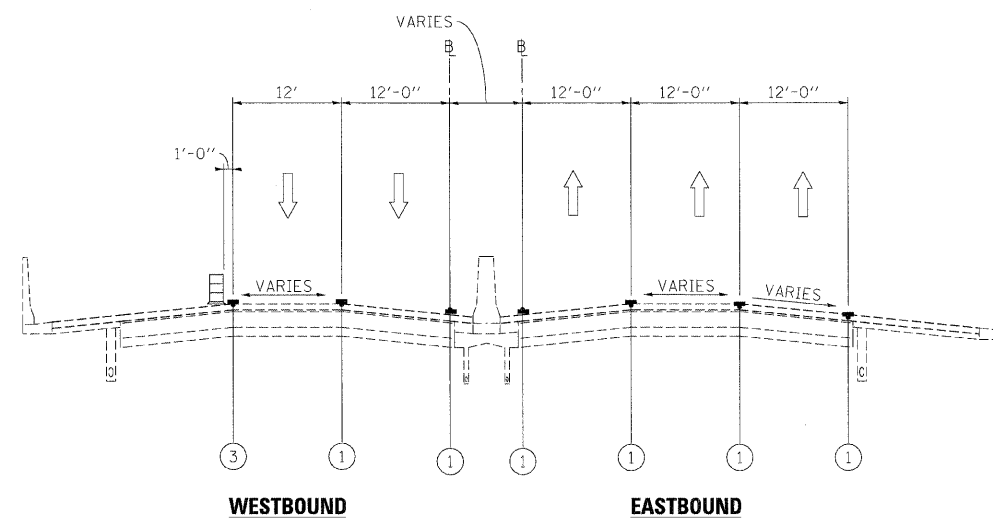
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET NO. 7 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435)RS-6	COOK	215	61
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



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

STA 858+10 TO END OF CONTRACT

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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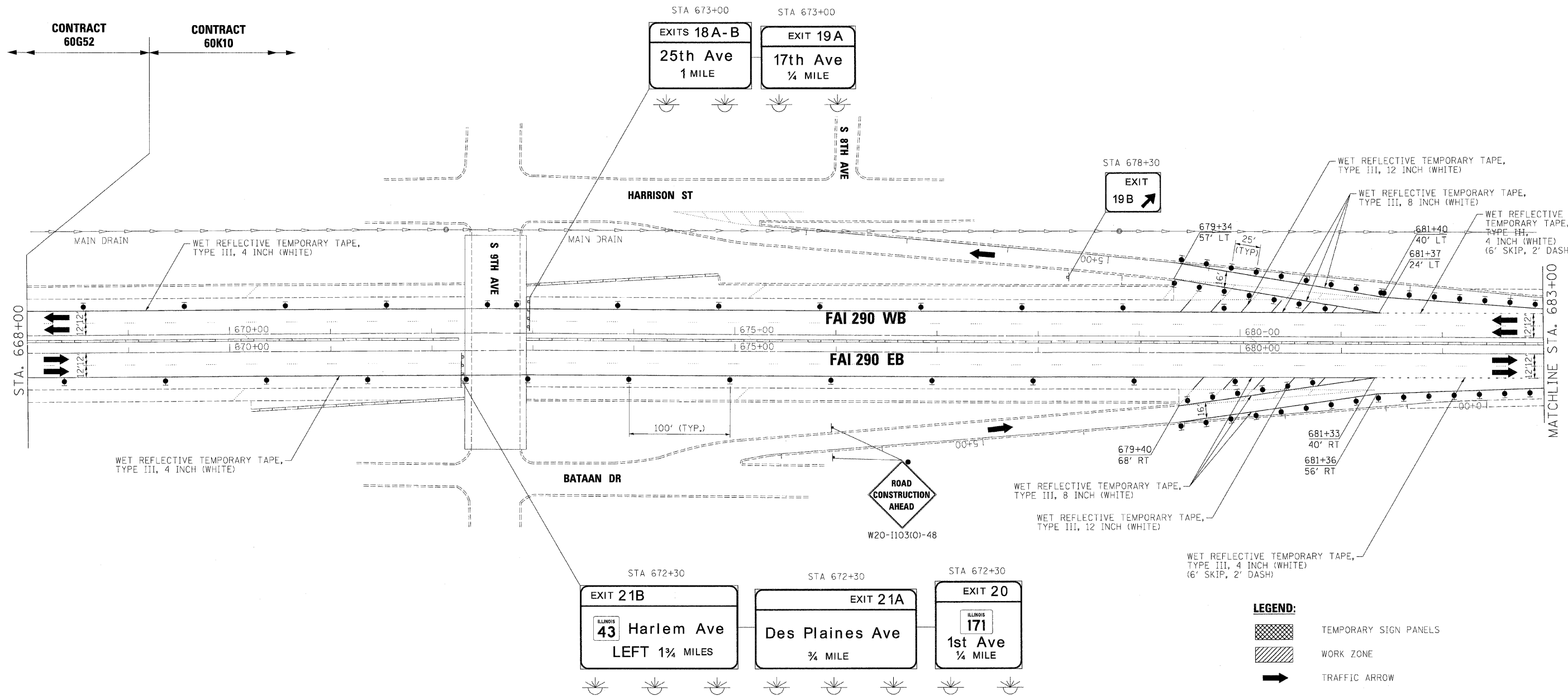
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET NO. 8 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	62
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K10		



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

FILE NAME =	DESIGNED - AJP	REVISED -
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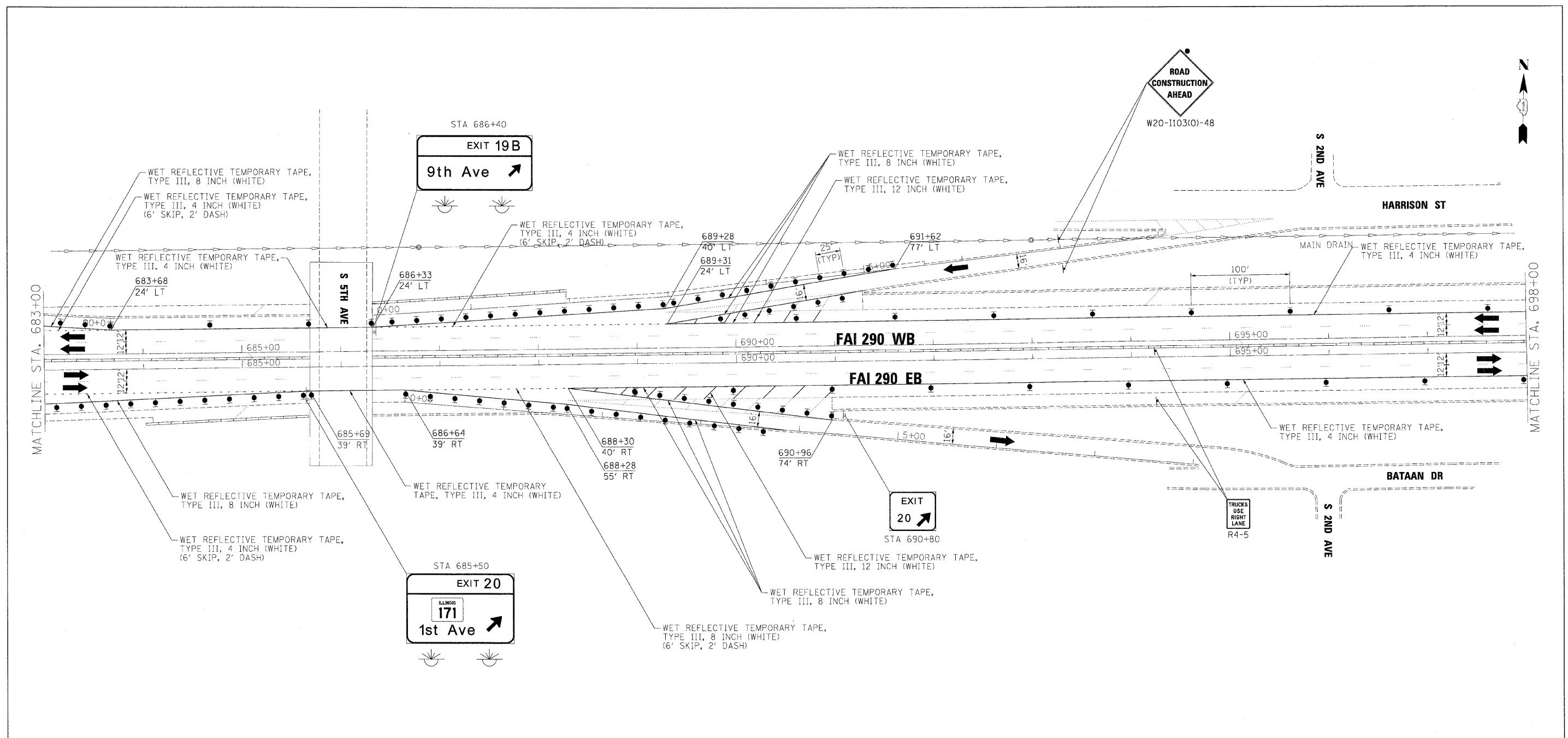
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**








**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	63
CONTRACT NO. 60K10				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



LEGEND:

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

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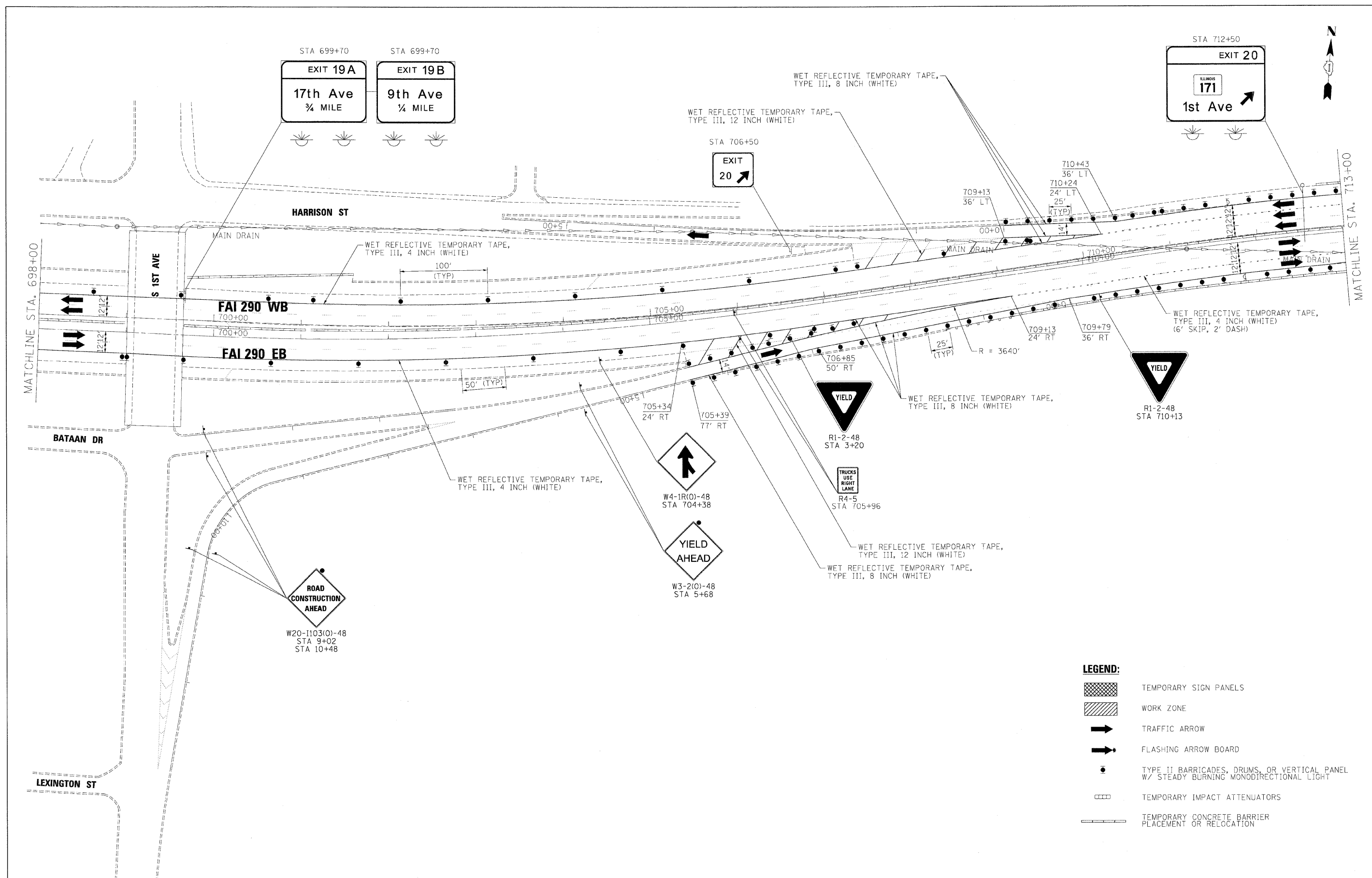
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	64
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60K10	



LEGEND:

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

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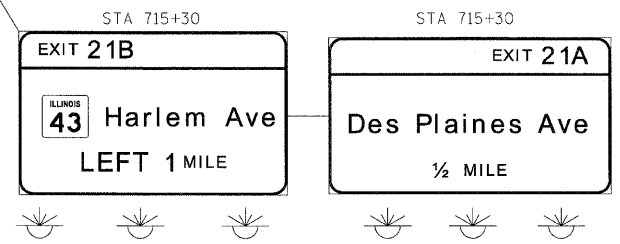
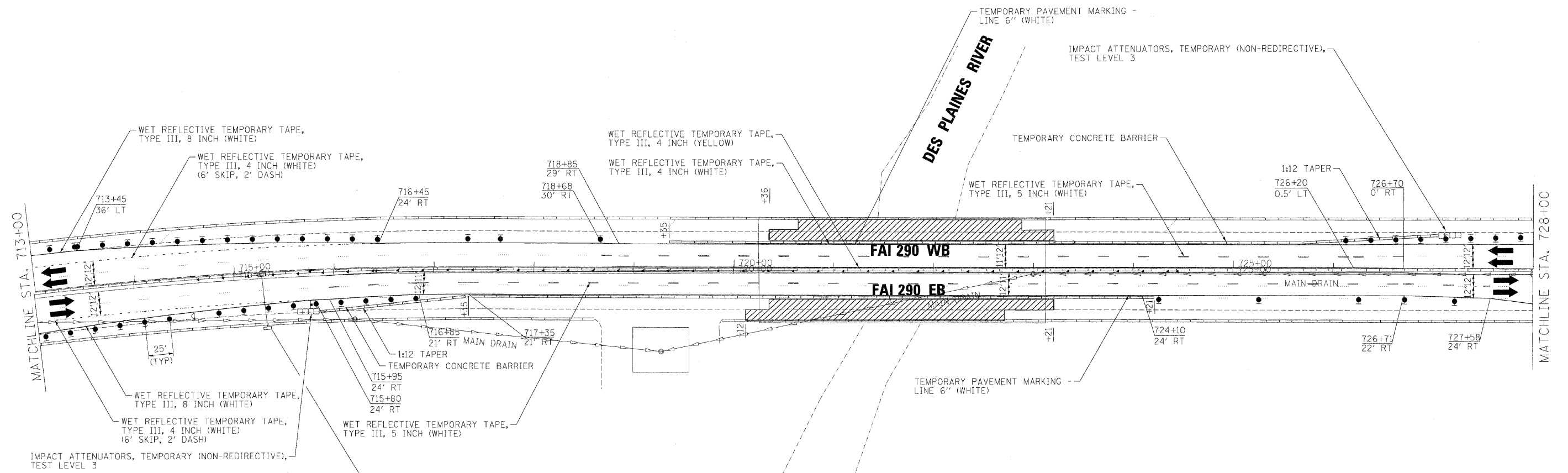
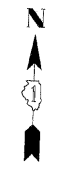
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	65
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K10		



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 -
...NprpLn.ABC.C2.298.wot.ST.1.22.dgn	DRAWN - TMB	REVISED -
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

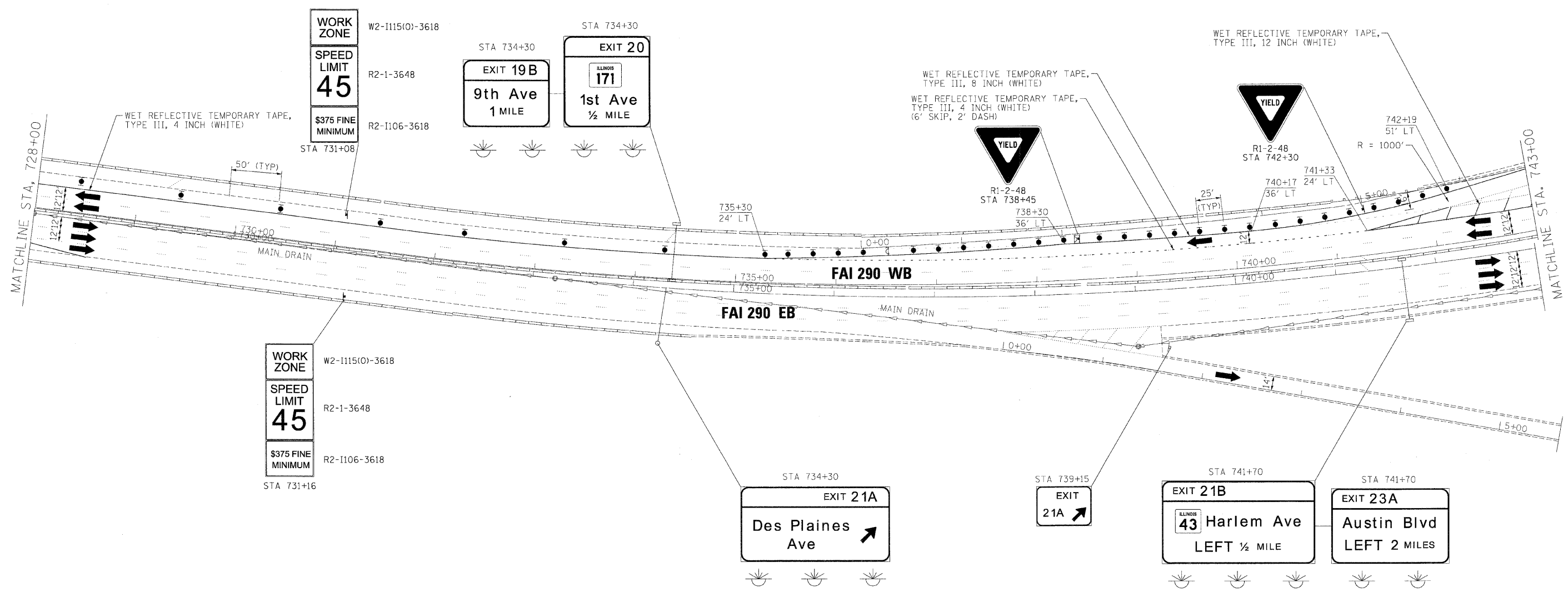
**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435/RS-6	COOK	215	66
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60K10	

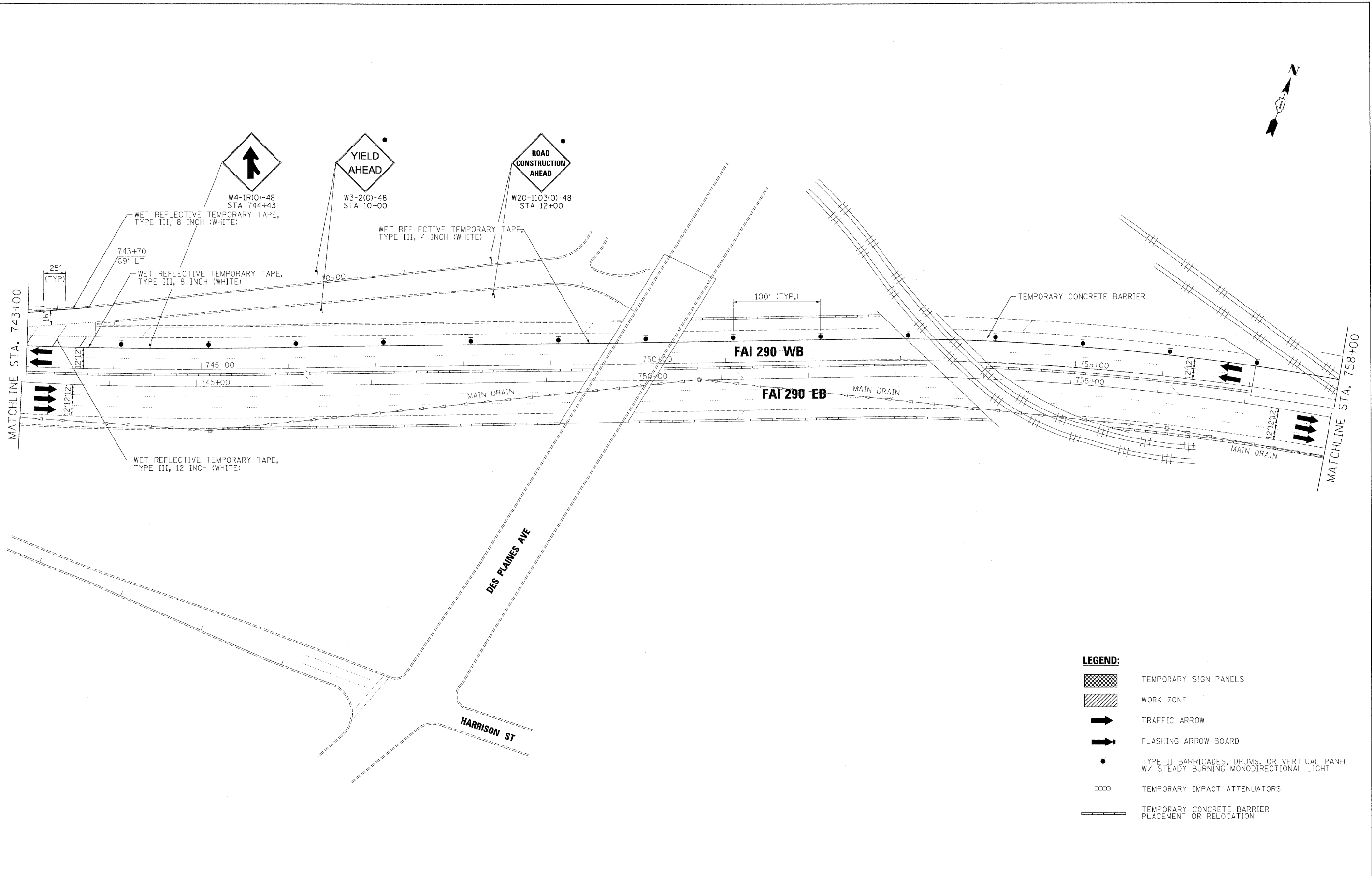









- LEGEND:**
- TEMPORARY SIGN PANELS
 - WORK ZONE
 - TRAFFIC ARROW
 - FLASHING ARROW BOARD
 - TYPE II BARRICADES, DRUMS, OR VERTICAL PANEL W/ STEADY BURNING MONODIRECTIONAL LIGHT
 - TEMPORARY IMPACT ATTENUATORS
 - TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION



FILE NAME =	DESIGNED - AJP	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLAN - STAGE 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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USER NAME = jma_jewski	CHECKED - JJT	REVISED -				CONTRACT NO. 60K10				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 13 OF 50 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

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

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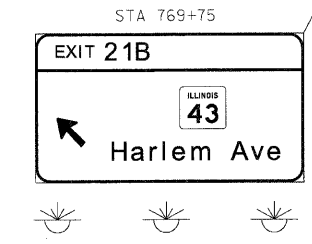
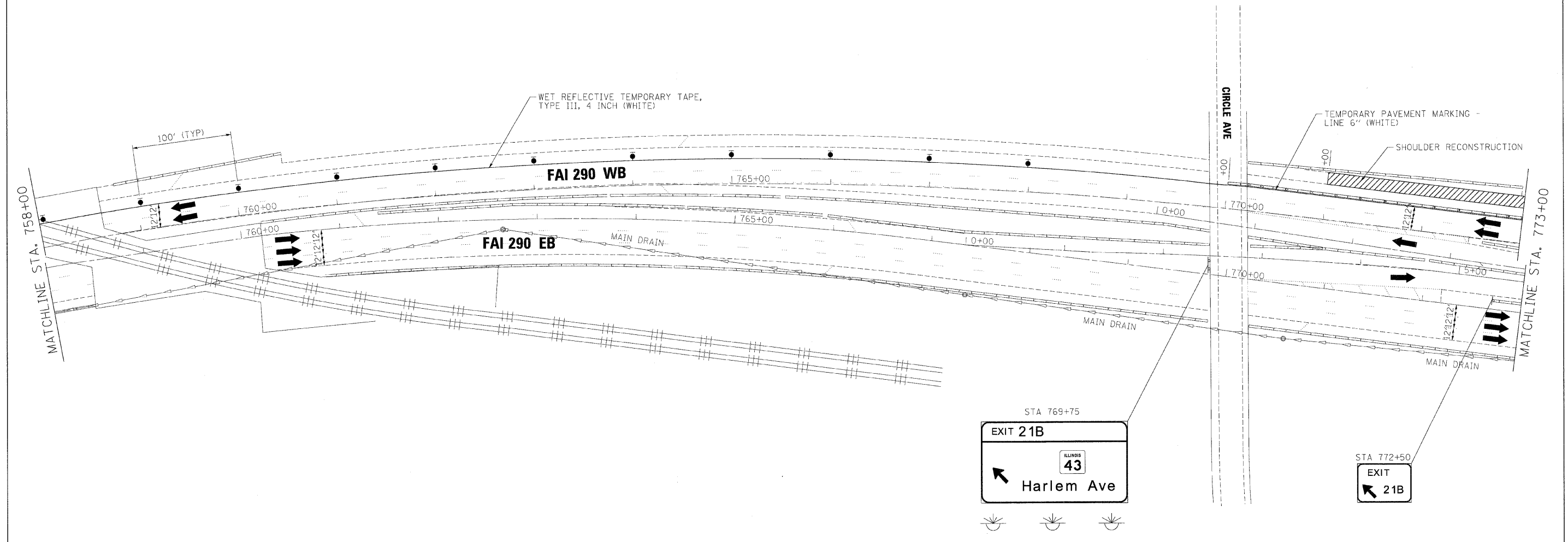
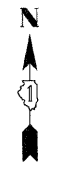
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	68
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K10	

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



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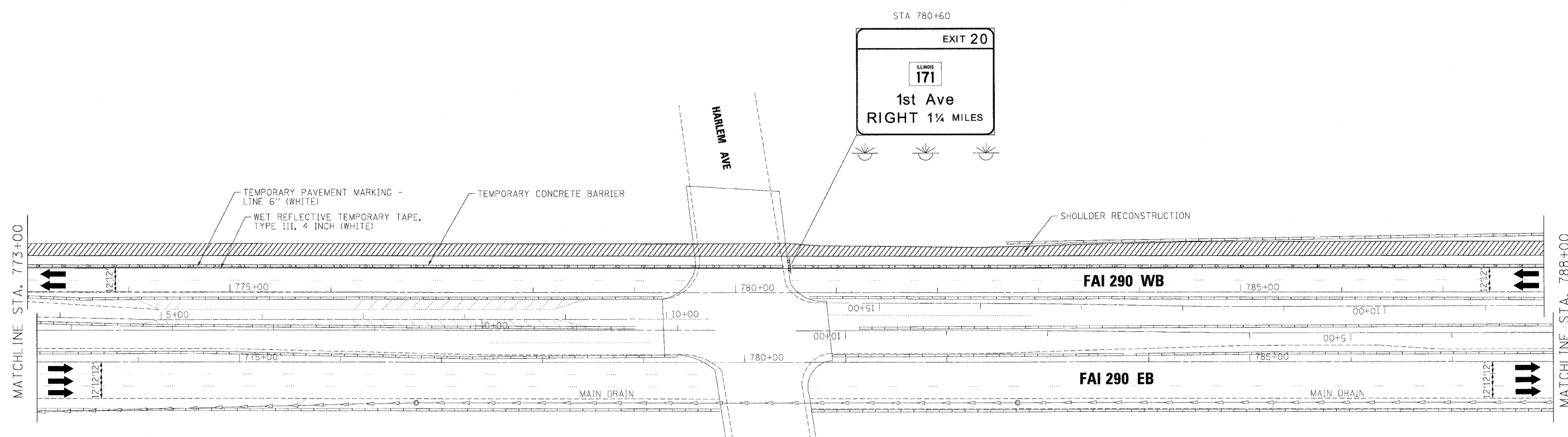
benesch








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 15 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435/RS-6	COOK	215	69
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K10		



- 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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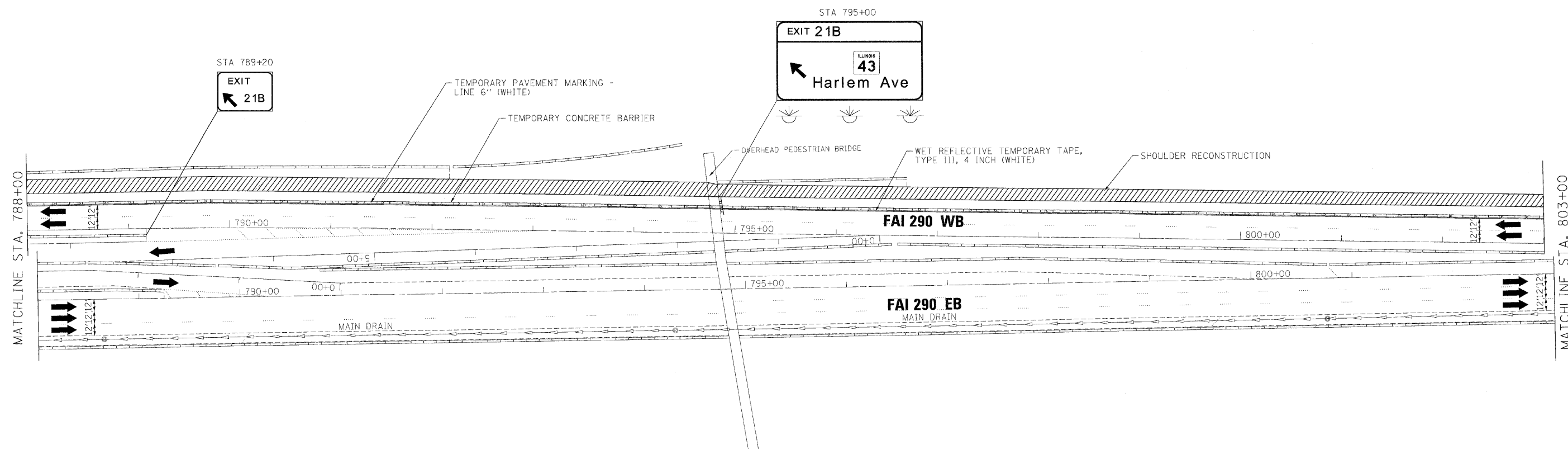
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**








**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	70
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



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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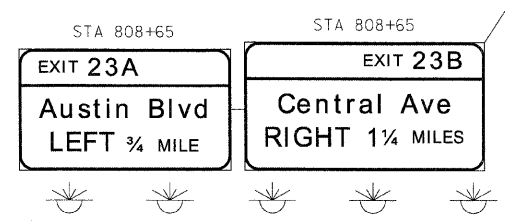
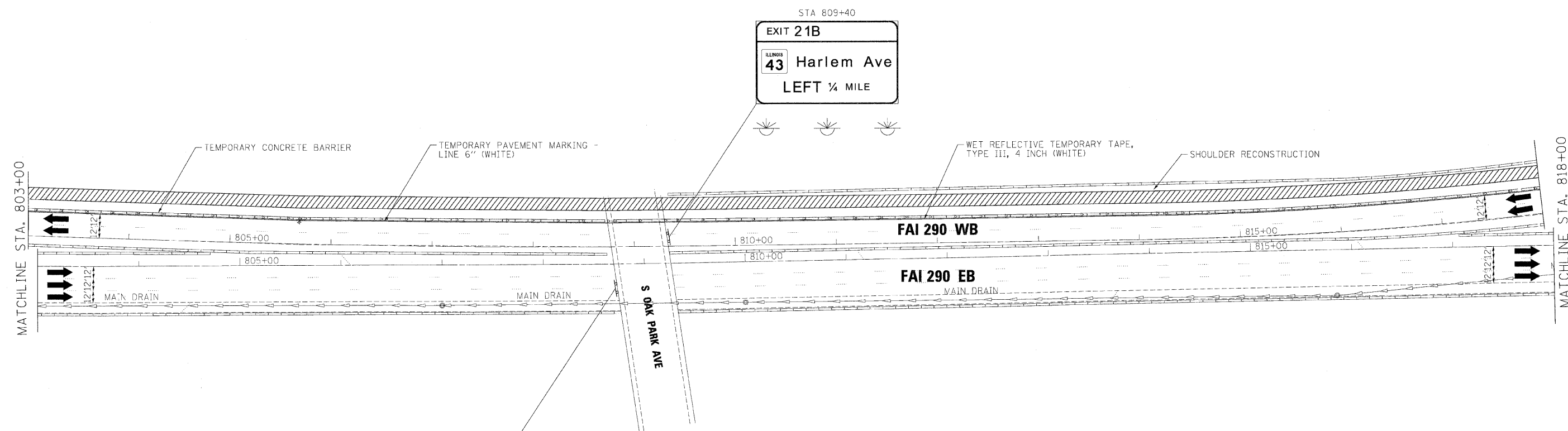
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	71
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



- 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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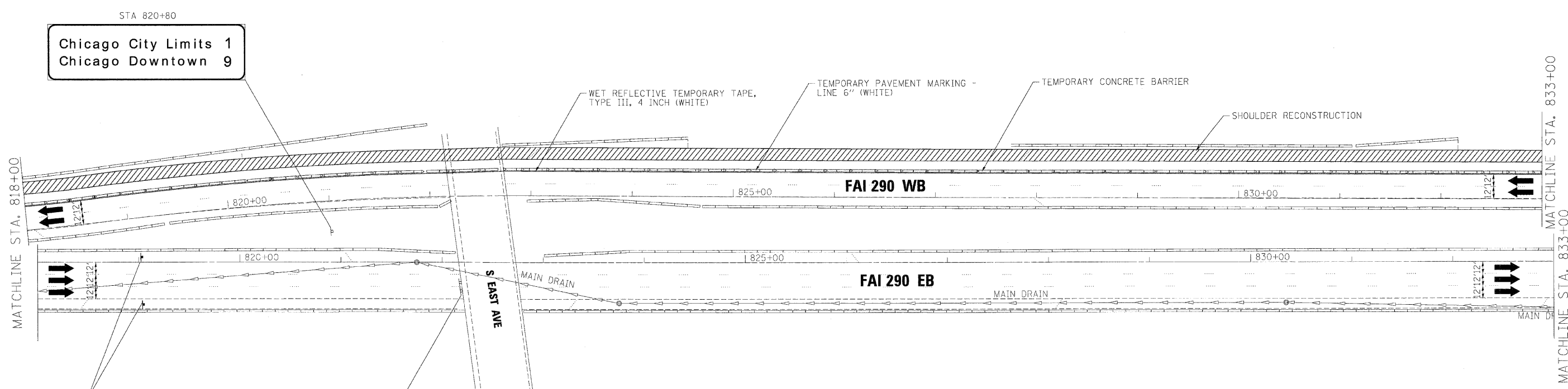
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	72
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



FILE NAME =	DESIGNED - AJP	REVISED -
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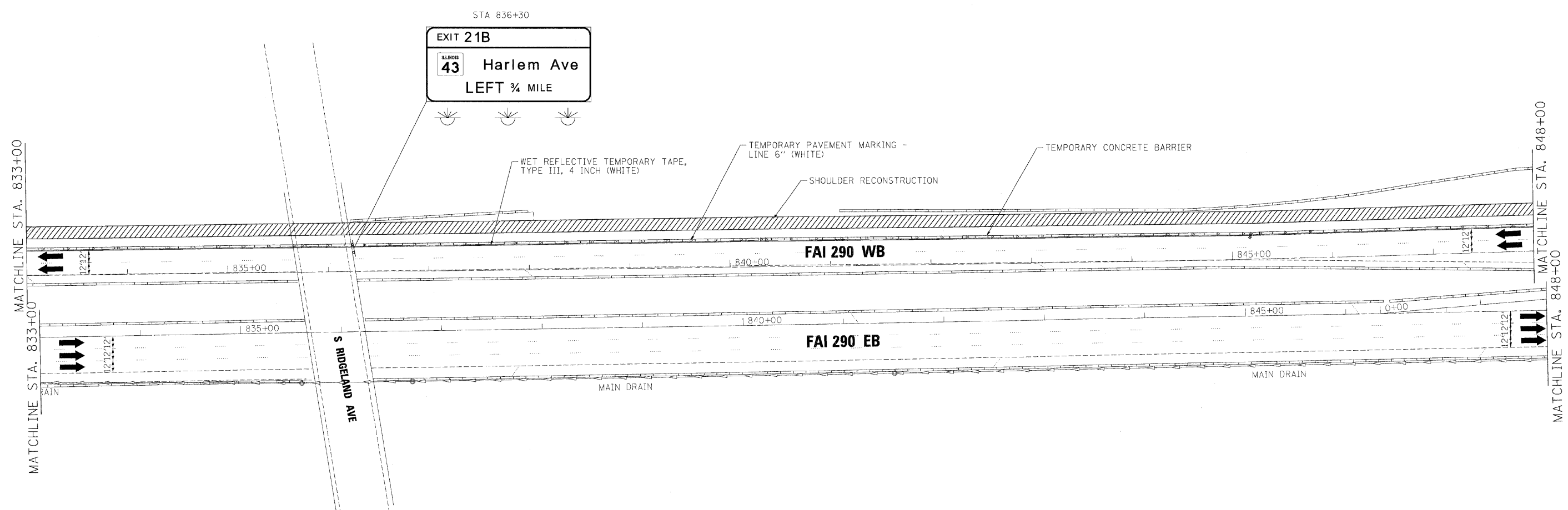
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**








**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 19 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	73
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



LEGEND:

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

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








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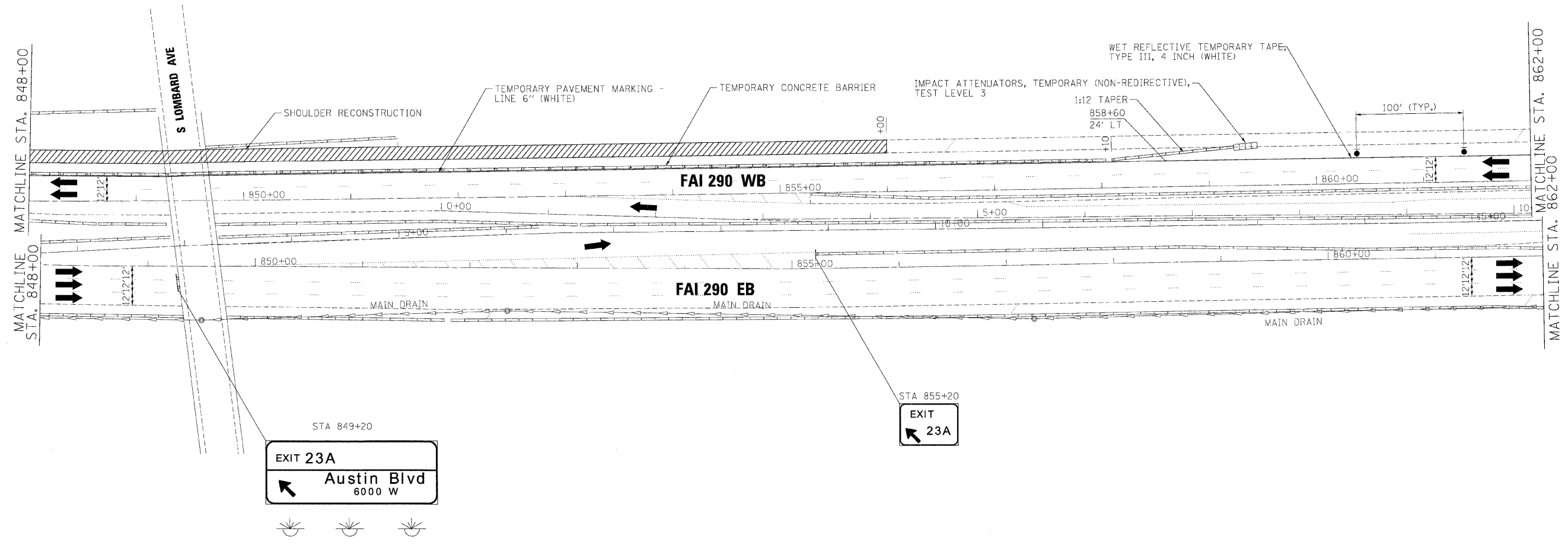
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC PLAN - STAGE 1		
SCALE: 1"=50'	SHEET NO. 20 OF 50 SHEETS	STA. TO STA.

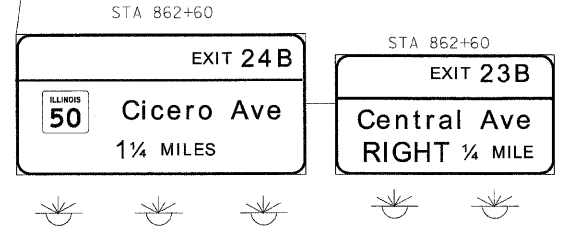
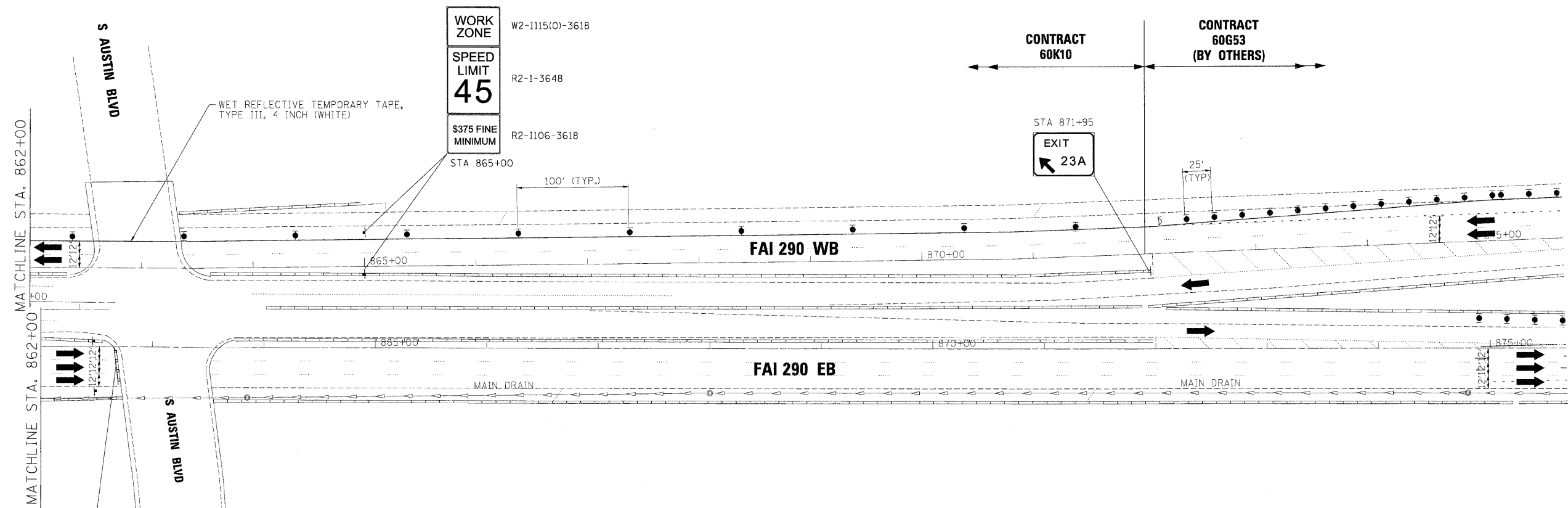
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435RS-6	COOK	215	74
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60K10	

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 -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLAN - STAGE 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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USER NAME = jmajowski	CHECKED - JJT	REVISED -				CONTRACT NO. 60K10					
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -									
						SCALE: 1"=50'	SHEET NO. 21 OF 50 SHEETS	STA.	TO STA.		
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			



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

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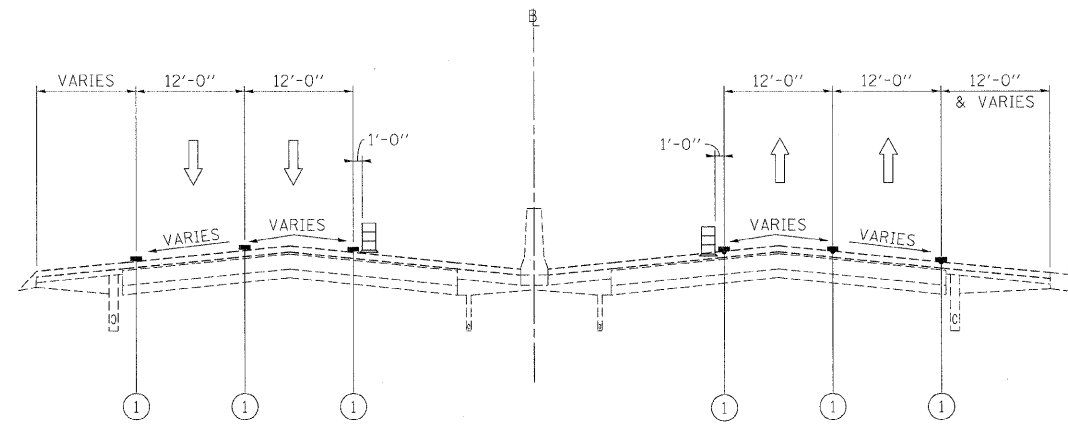
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 1**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435)RS-6	COOK	215	76
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	






WESTBOUND
STA 688+00 (START OF CONTRACT) TO STA 712+47

EASTBOUND
STA 668+00 (START OF CONTRACT) TO STA 701+13

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

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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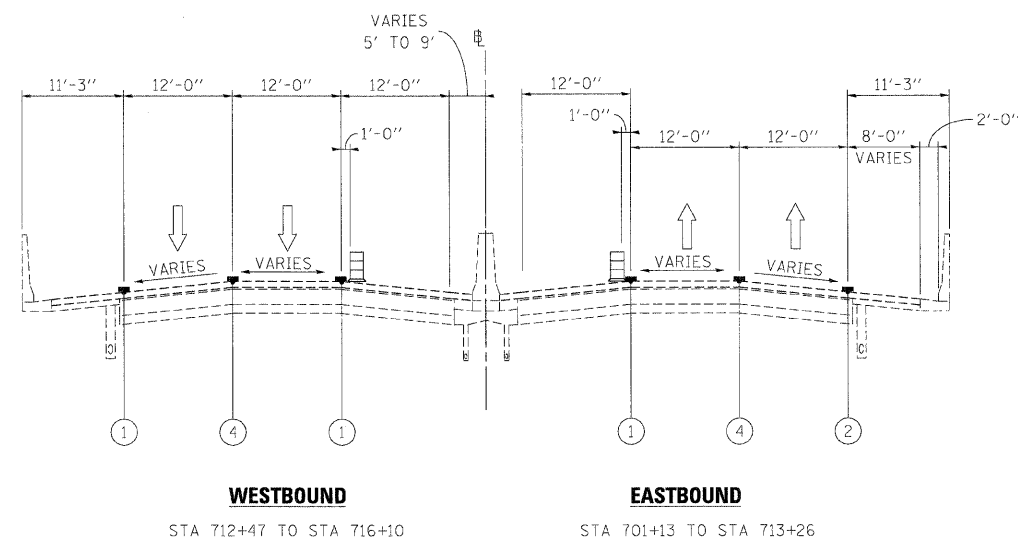
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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




SCALE: SHEET NO. 23 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435/RS-6	COOK	215	77
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



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

LEGEND

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

FILE NAME =	DESIGNED - AJP	REVISED -
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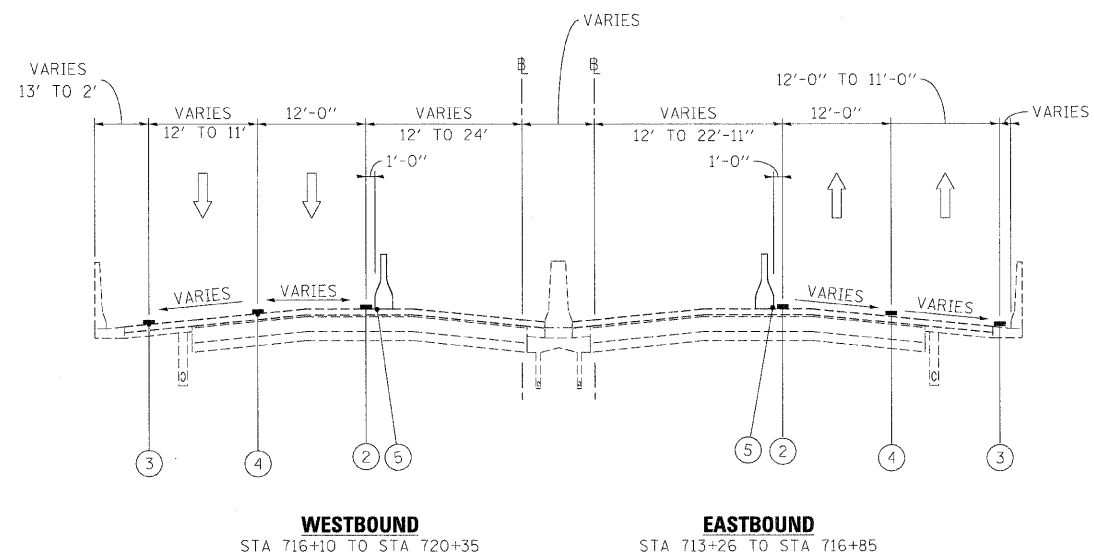
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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




SCALE: SHEET NO. 24 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435)RS-6	COOK	215	78
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



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

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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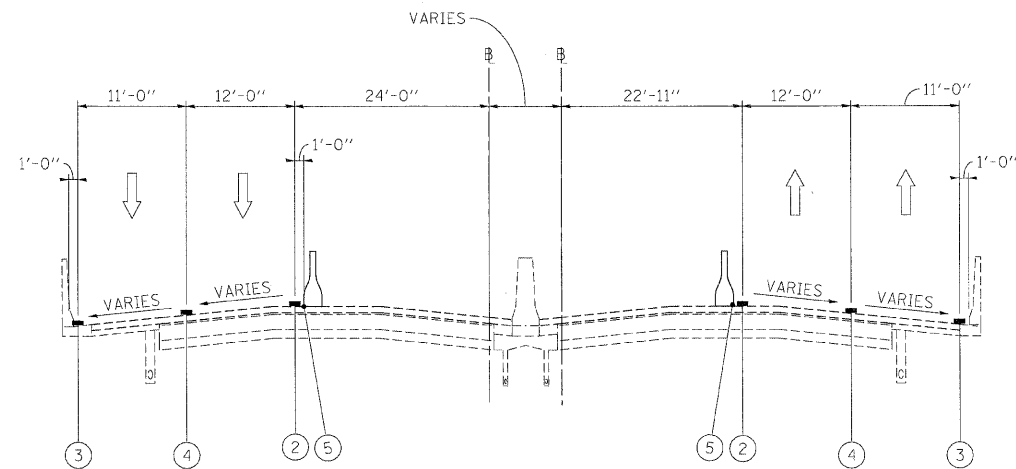
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET NO. 25 OF 50 SHEETS - STA. TO STA.

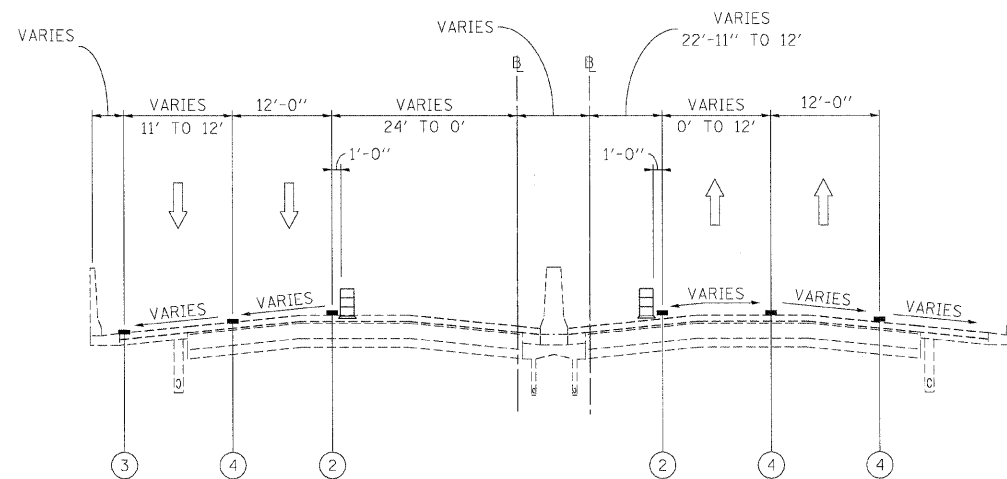
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435/RS-6	COOK	215	79
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60K10	



WESTBOUND STA 720+35 TO STA 726+70
EASTBOUND STA 716+85 TO STA 726+70

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




BRIDGE OMISSION: STA 720+36 TO 726+70



WESTBOUND STA 726+70 TO STA 734+39
EASTBOUND STA 726+70 TO STA 731+66

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

LEGEND

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

FILE NAME =	DESIGNED - AJP	REVISED -
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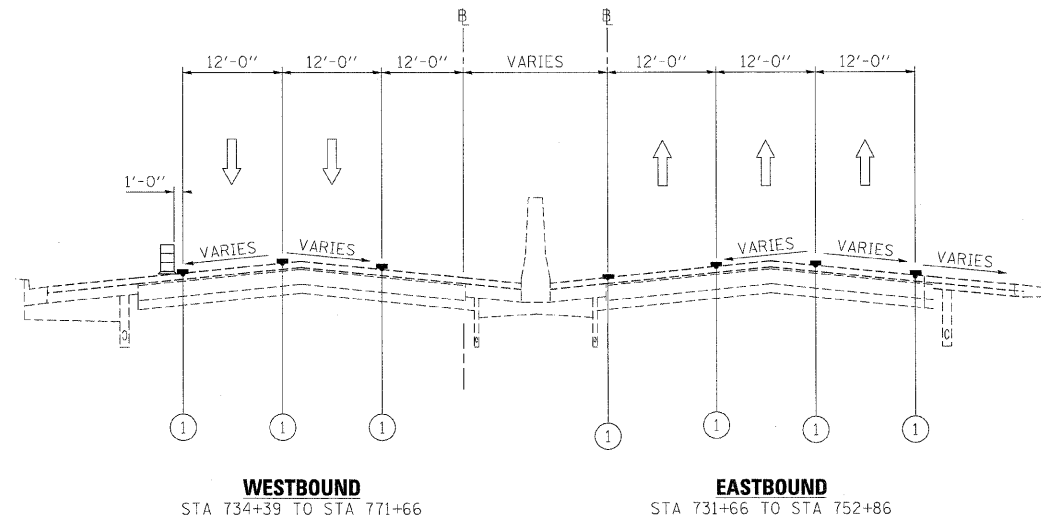
benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

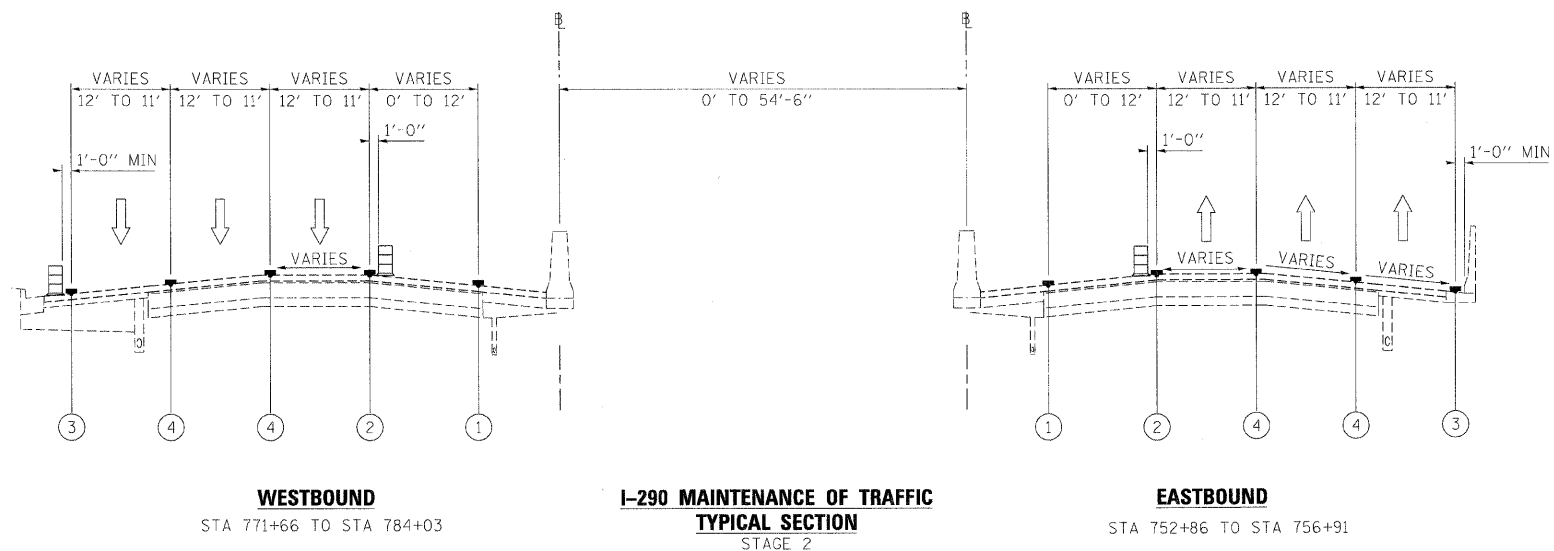
**MAINTENANCE OF TRAFFIC
 TYPICAL SECTION - STAGE 2**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	80
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SCALE: SHEET NO. 26 OF 50 SHEETS STA. TO STA.



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



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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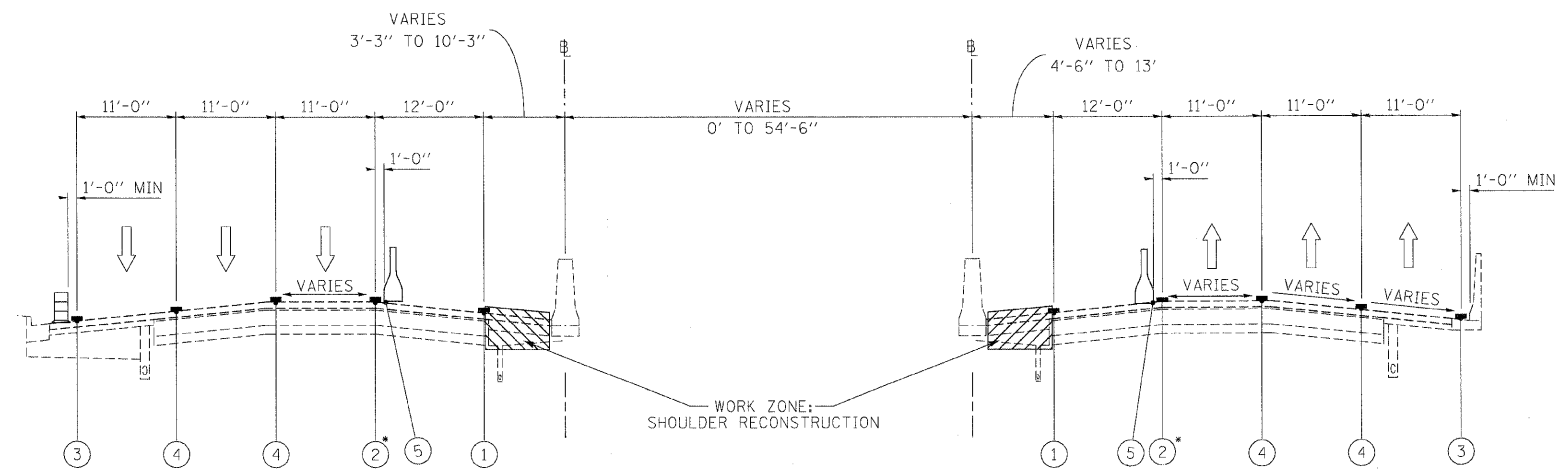
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET NO. 27 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	81
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	





WESTBOUND
STA 784+03 TO STA 858+94

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

EASTBOUND
STA 756+91 TO STA 859+50

STA 770+66 TO STA 858+95
* 8" WHITE LINE AT EXIT AND ENTRANCE RAMP CORE

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

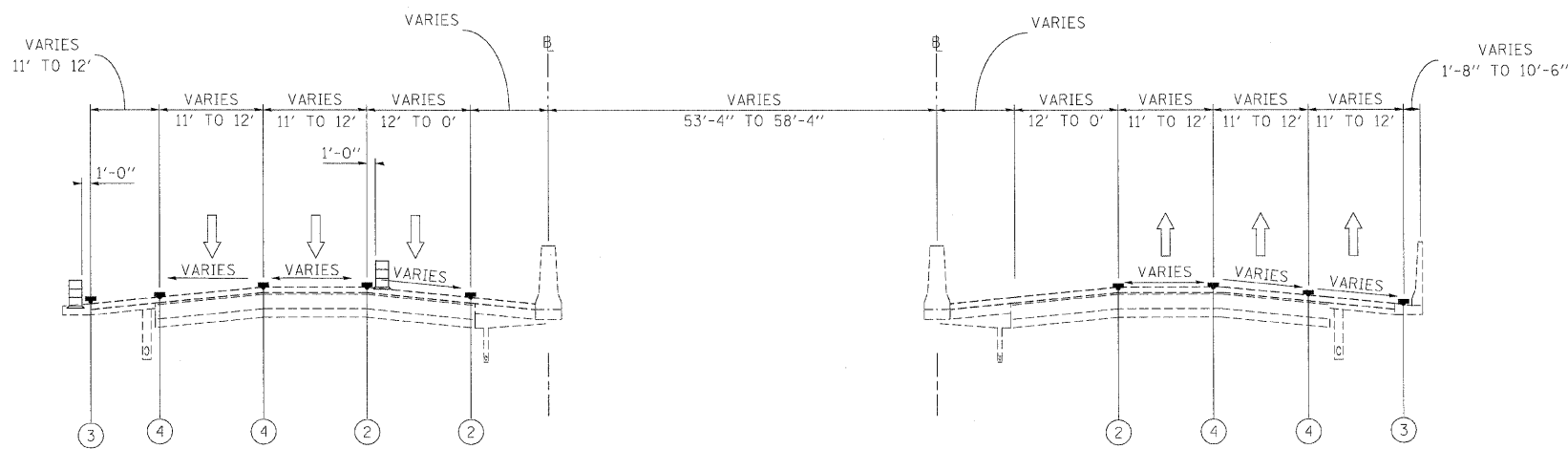
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PLOT DATE = 1/25/2010	DATE = 1/25/10	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 2			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

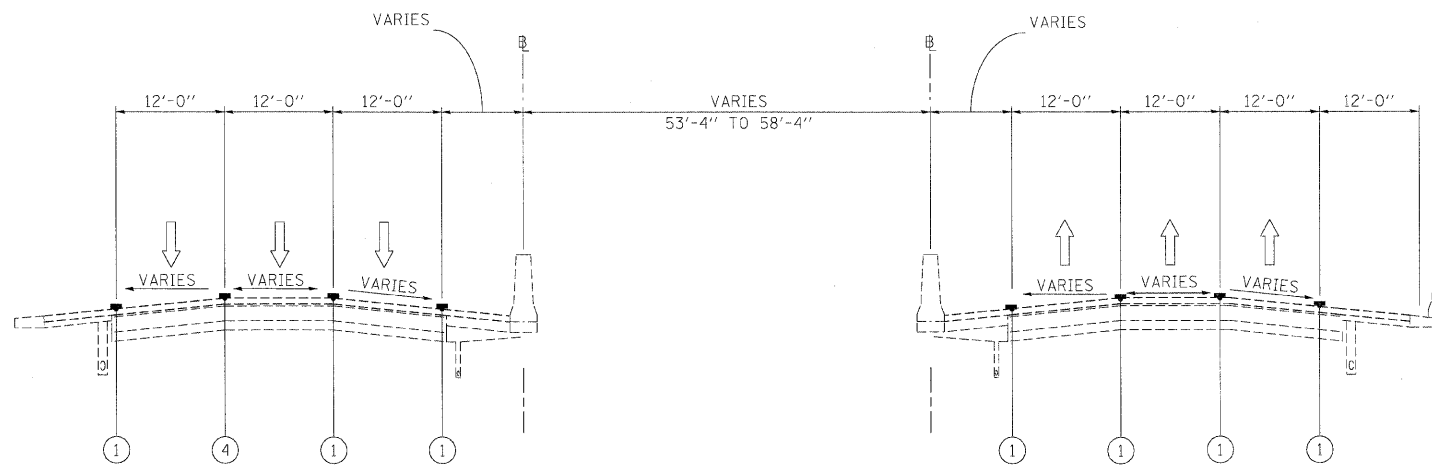
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	82
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



WESTBOUND
STA 858+94 TO STA 863+70

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

EASTBOUND
STA 859+50 TO STA 863+70



WESTBOUND

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

EASTBOUND

STA 863+70 TO END OF CONTRACT

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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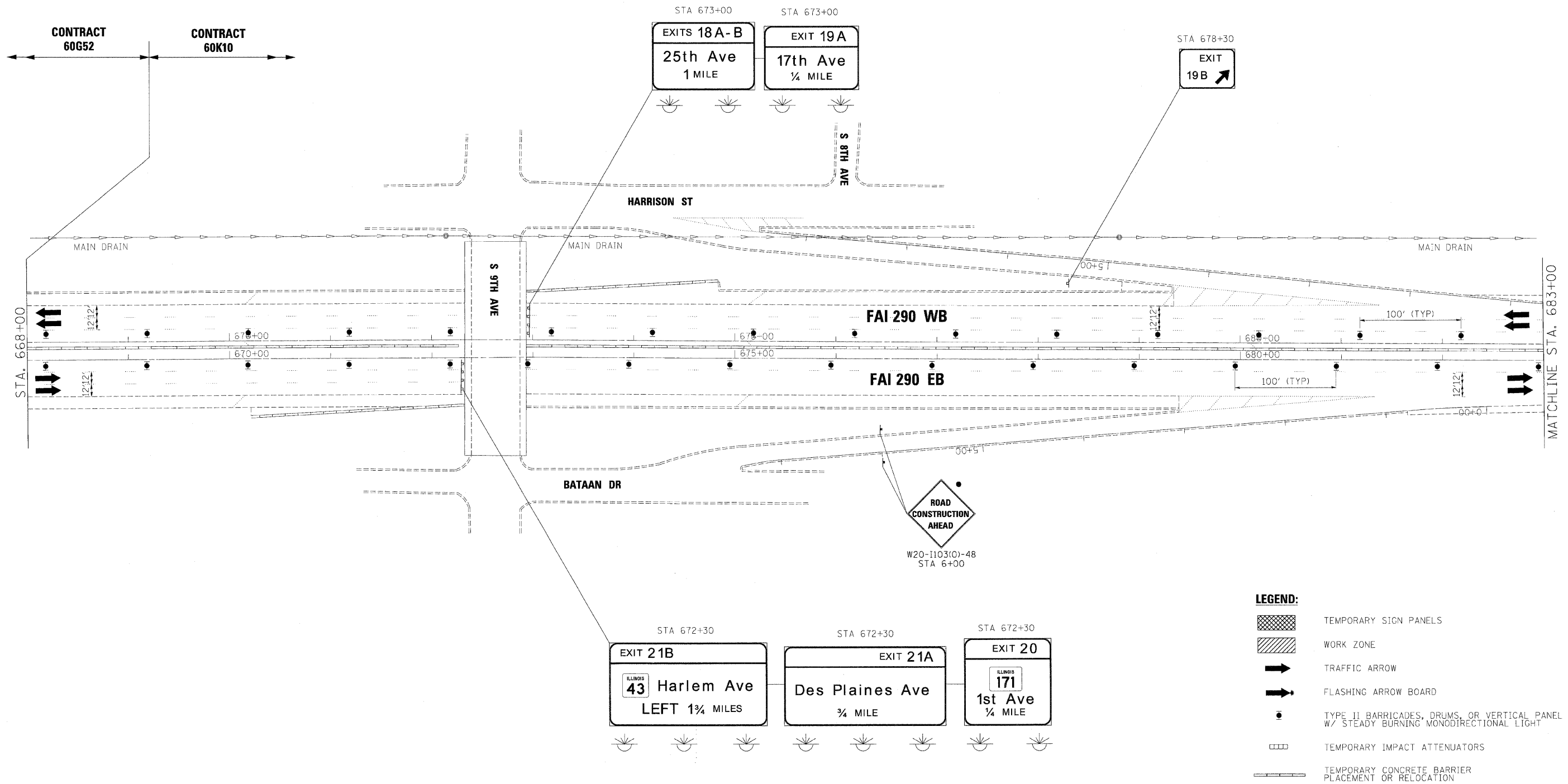
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET NO. 29 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	83
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



FILE NAME =	DESIGNED - AJP	REVISED -
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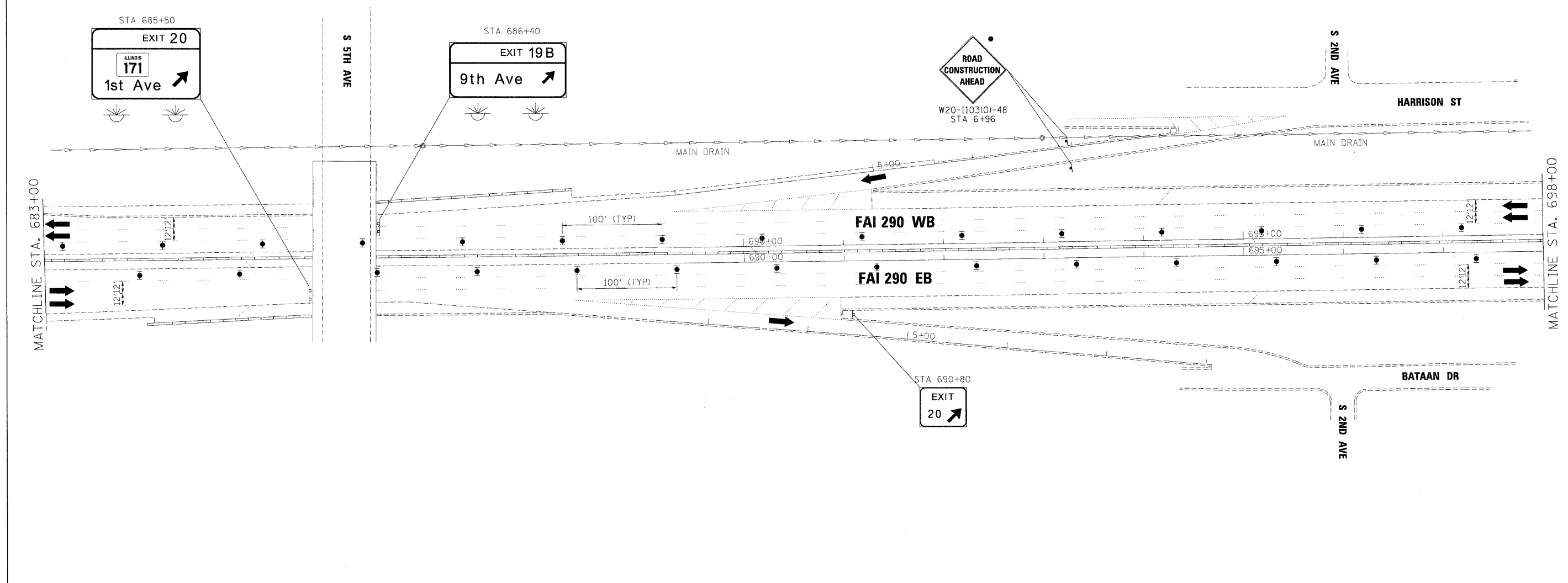
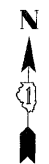
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	84
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



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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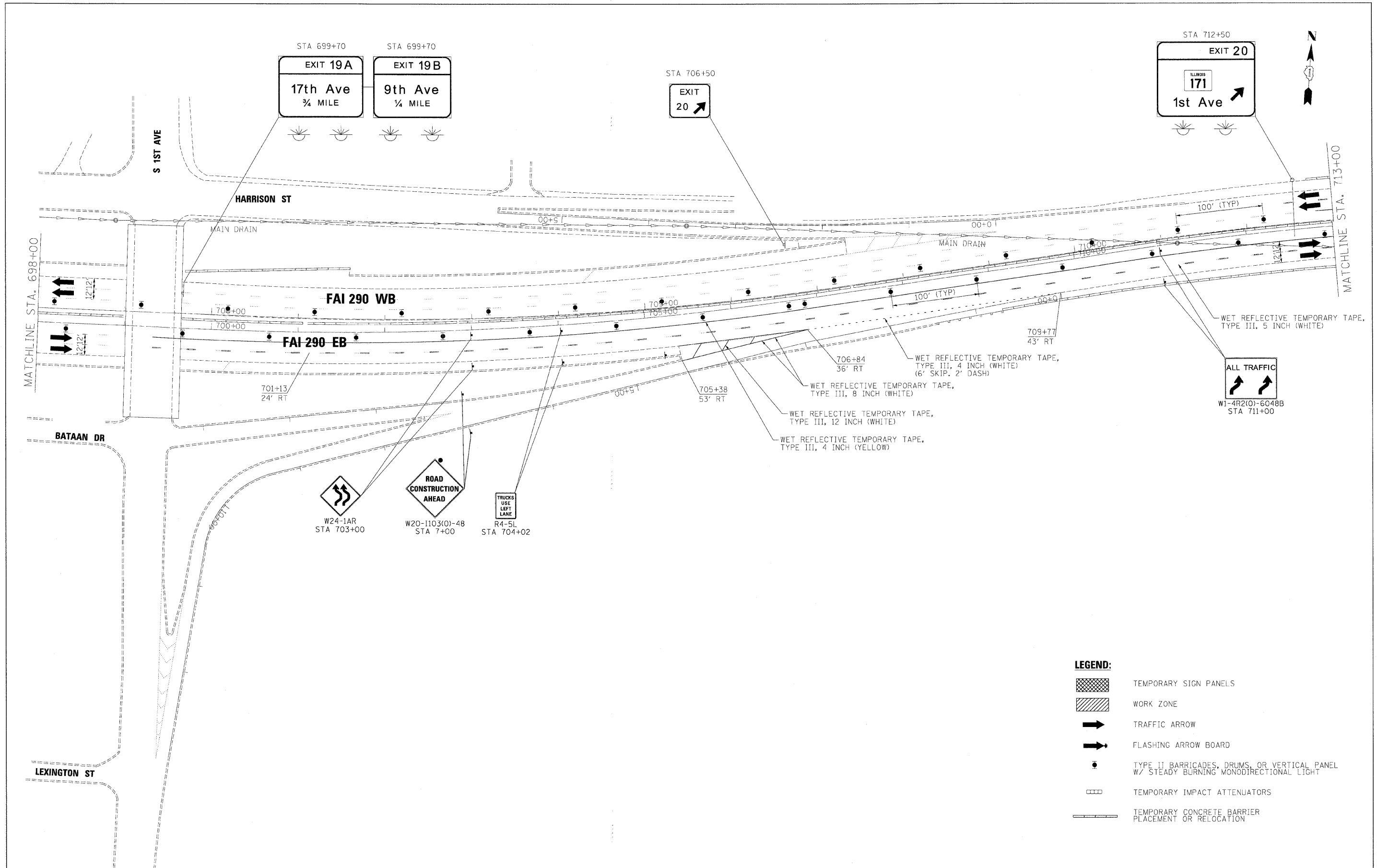
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

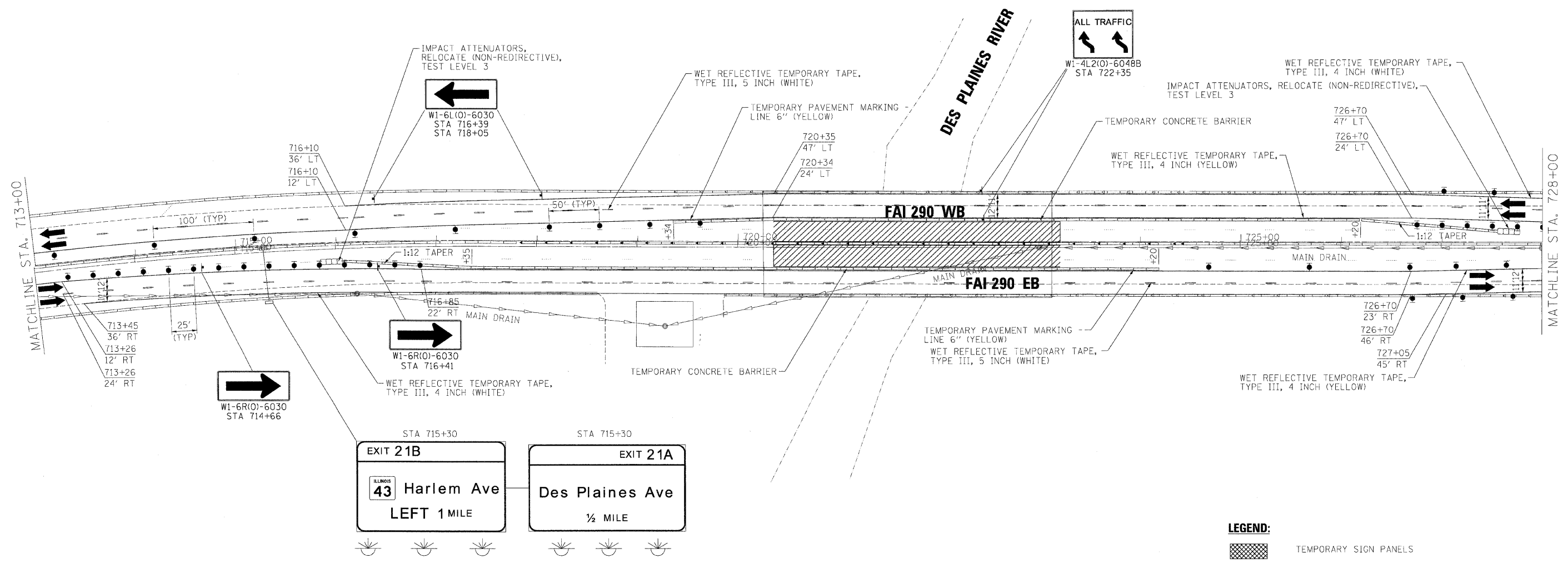
**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435)RS-6	COOK	215	85
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60K10	



FILE NAME =	DESIGNED - AJP	REVISED -		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 = jma_gwsk	CHECKED - JJT	REVISED -					CONTRACT NO. 60K10				
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -					FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
			SCALE: 1"=50'	SHEET NO. 32 OF 50 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 - AJP	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

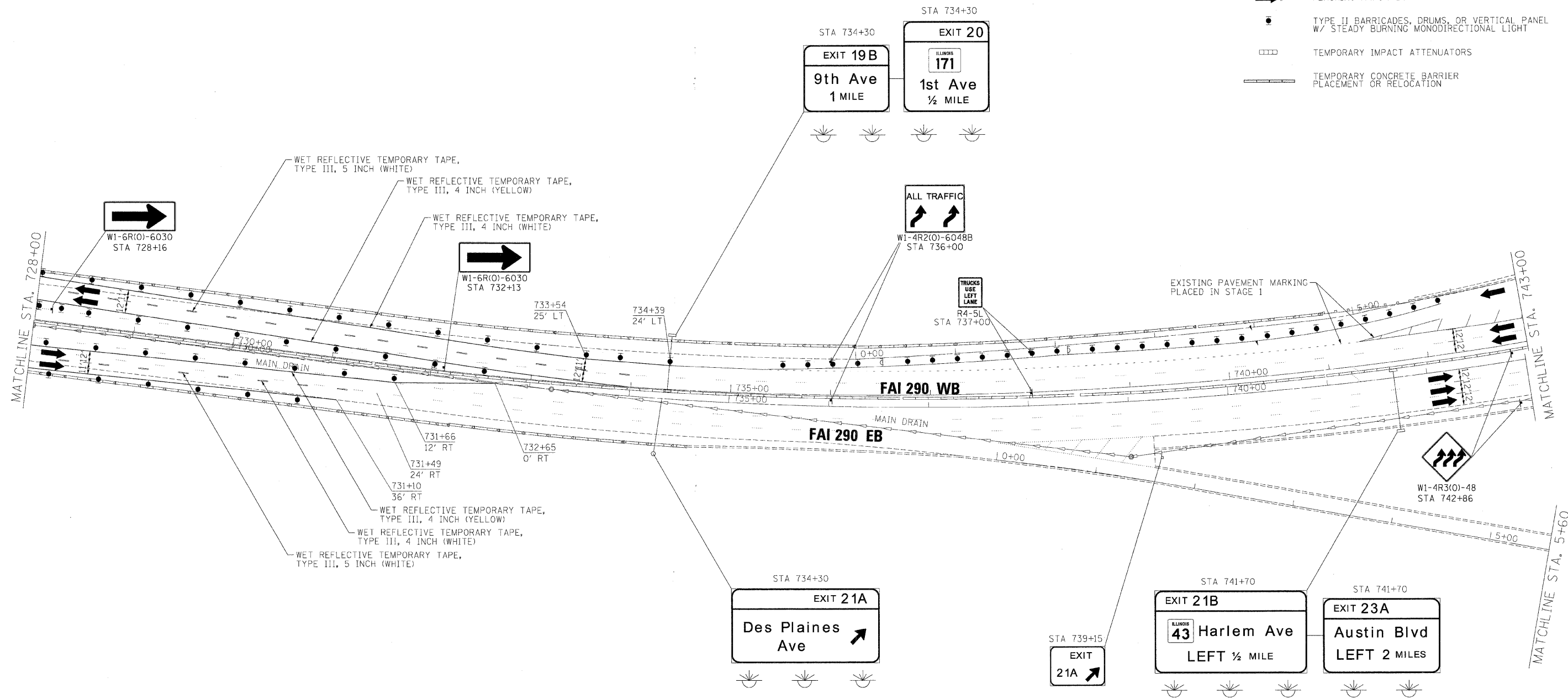
**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 33 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435RS-6	COOK	215	87
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	

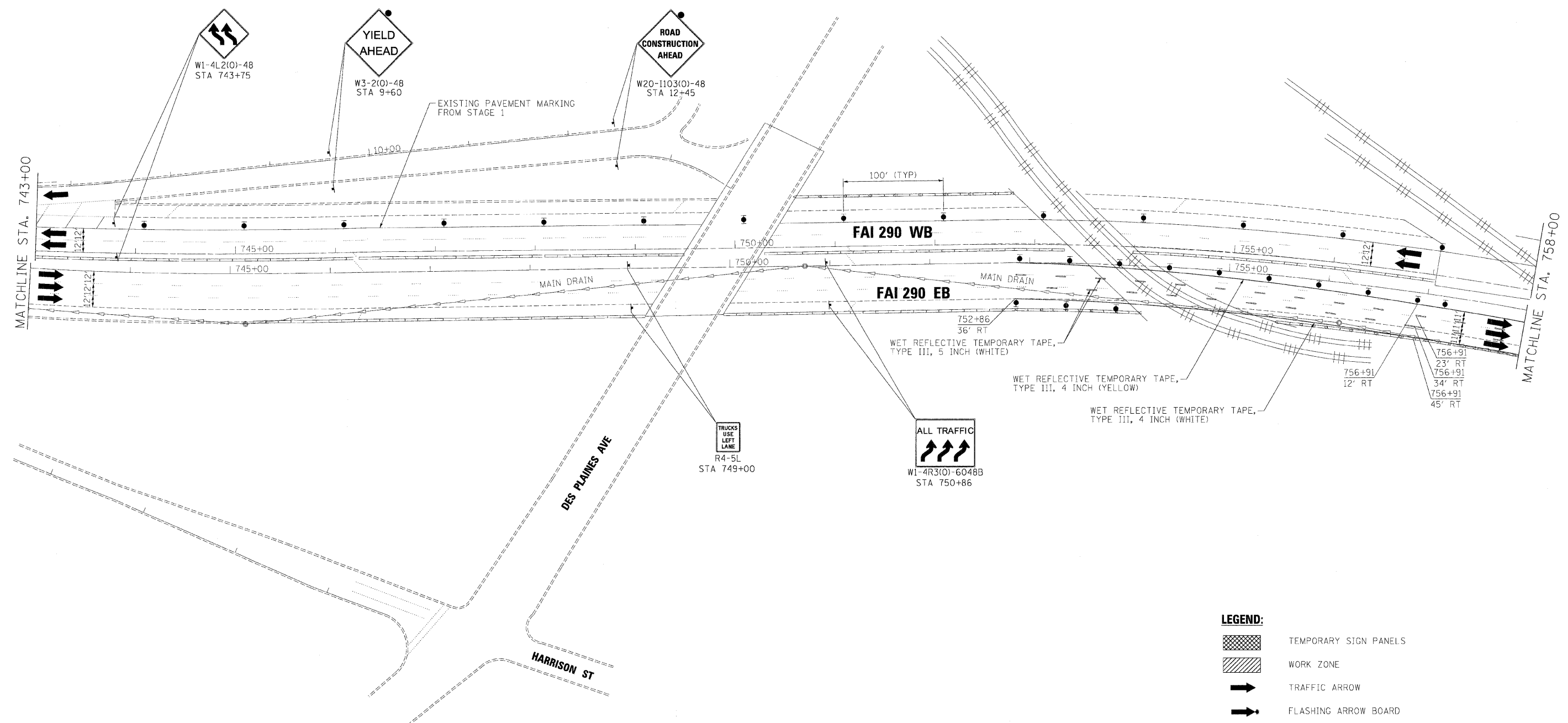
LEGEND:

-  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 -	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 = jro_ewski	CHECKED - JJT	REVISED -				CONTRACT NO. 60K10				
PLOT DATE = 1/25/2012	DATE - 1/25/10	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 34 OF 50 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 - AJP	REVISED -
USER NAME = jmajevski	DRAWN - TMB	REVISED -
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	DATE - 1/25/10	REVISED -

benesch








STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

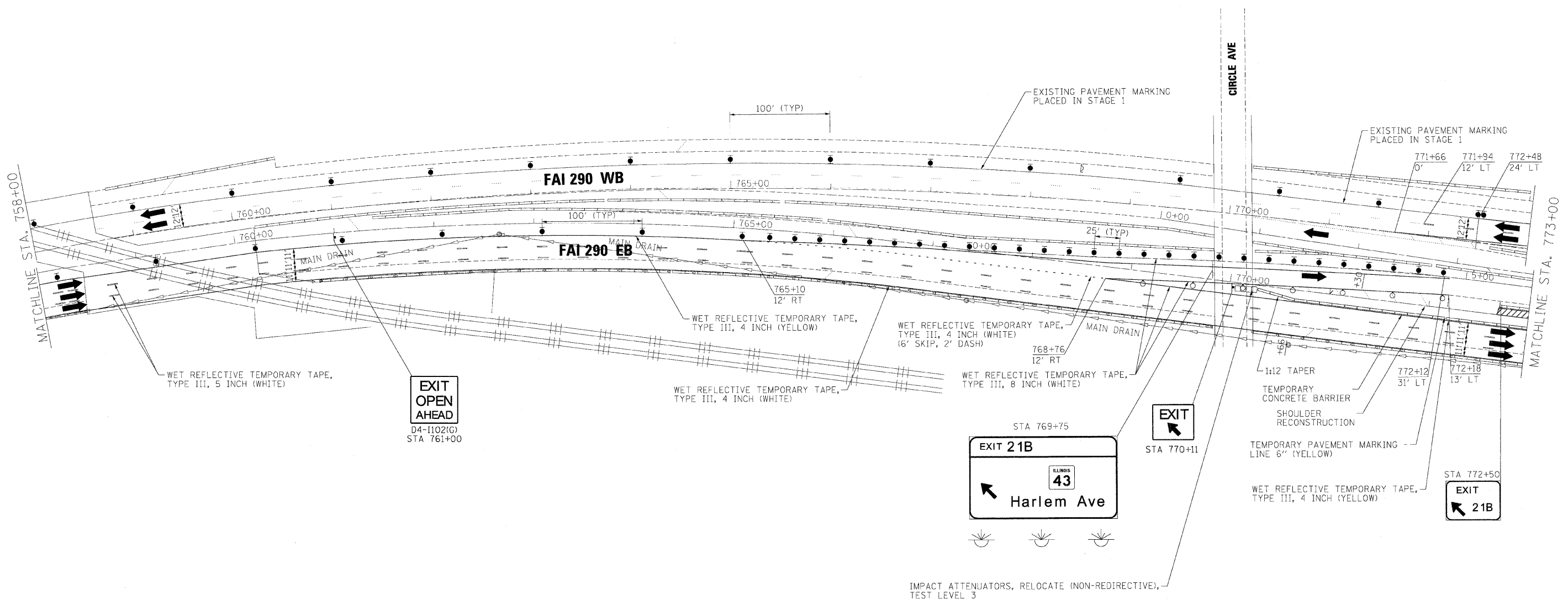
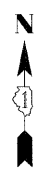
MAINTENANCE OF TRAFFIC
PLAN - STAGE 2

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	89
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 60K10

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



FILE NAME -	DESIGNED - AJP	REVISED -
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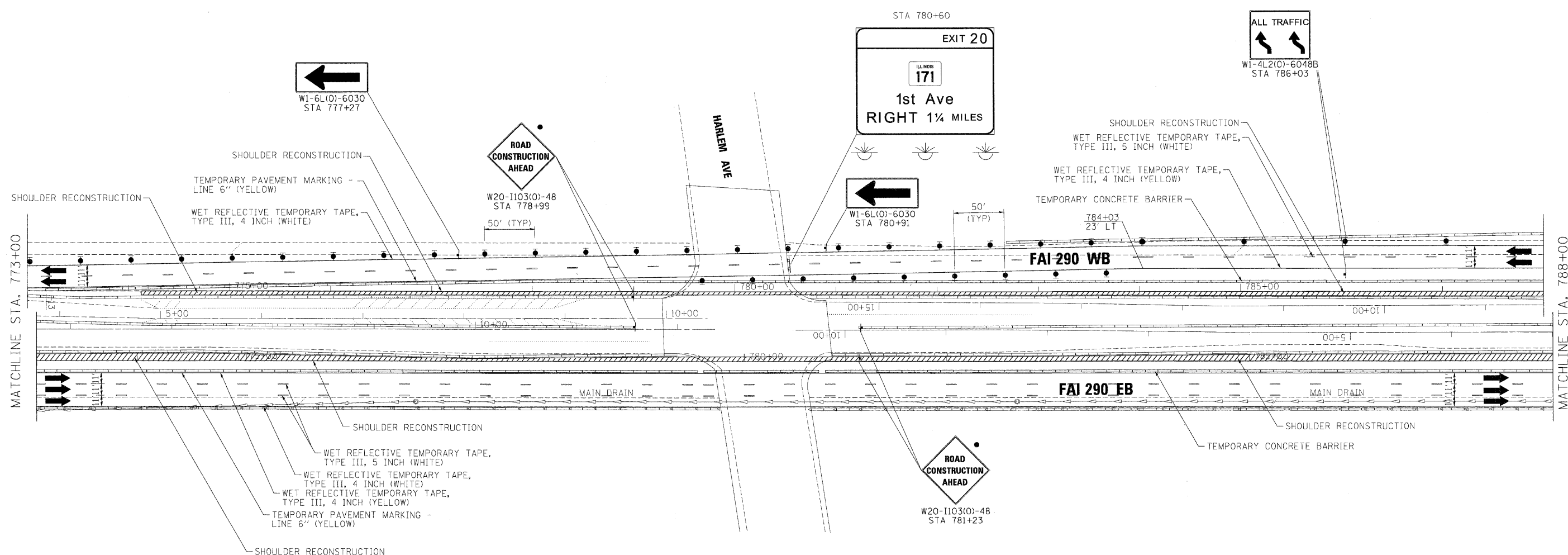
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 36 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	90
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K10		



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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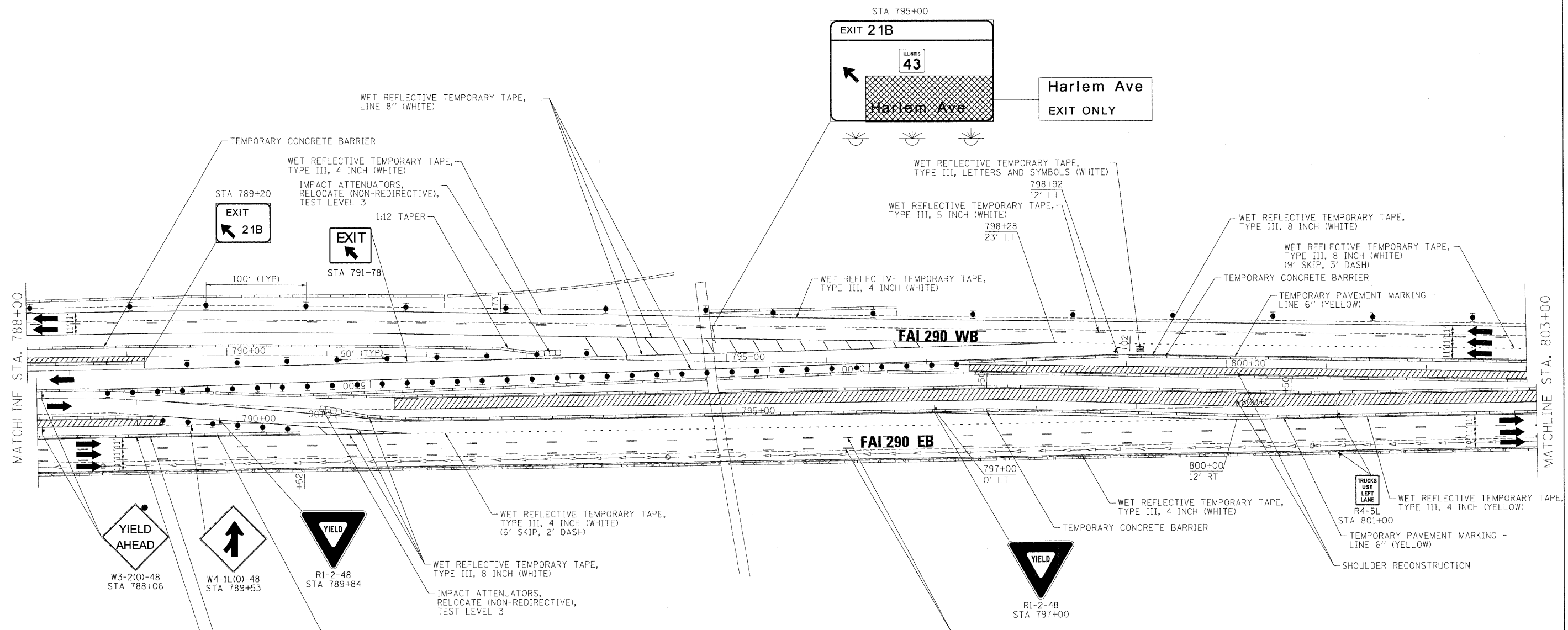
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 37 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	13131, ETC., 3435)RS-6	COOK	215	91
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K10		



NOTE:
 COMPLETE SHOULDER RECONSTRUCTION
 BY IMPLEMENTING STANDARD 701411-06
 AT RAMP

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

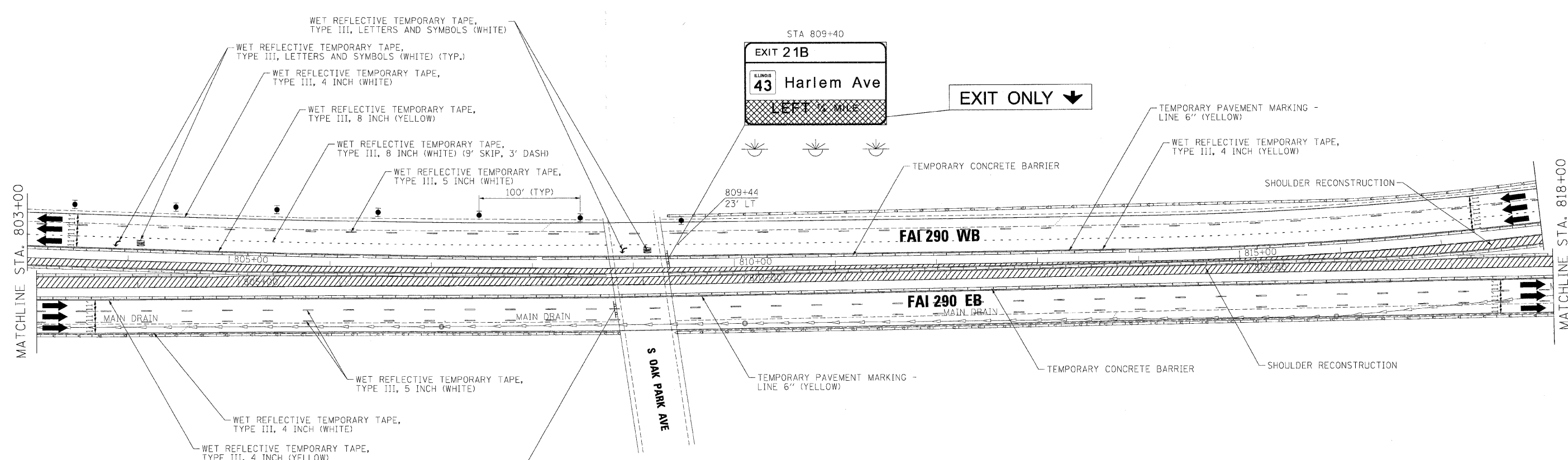
benesch








**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 38 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	92
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K10		



- 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

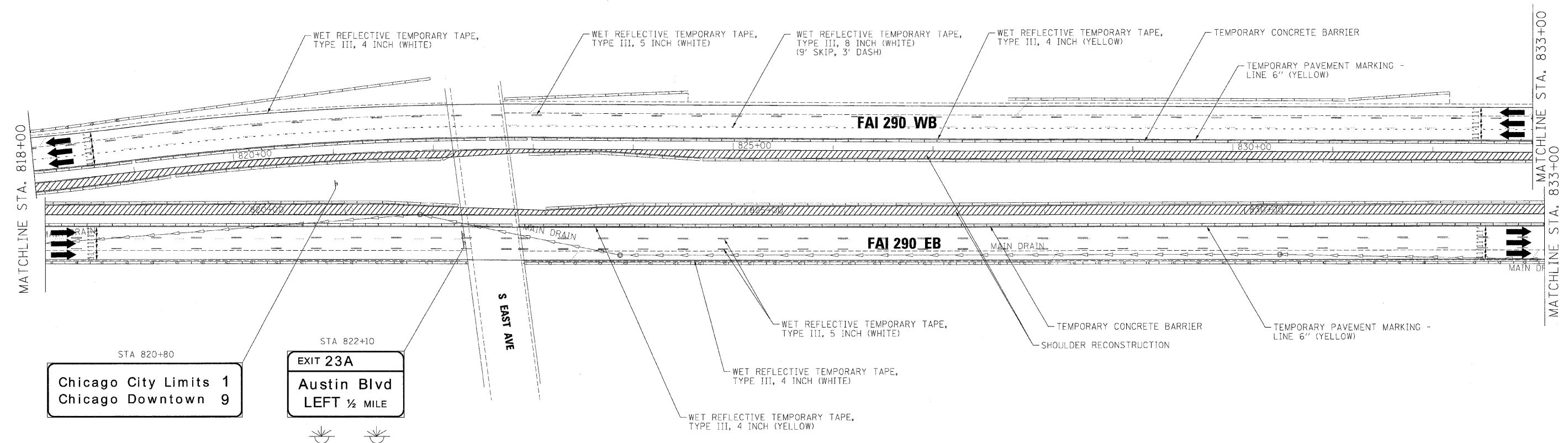
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC PLAN - STAGE 2	
SCALE: 1"=50'	SHEET NO. 39 OF 50 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	93
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K10		



- 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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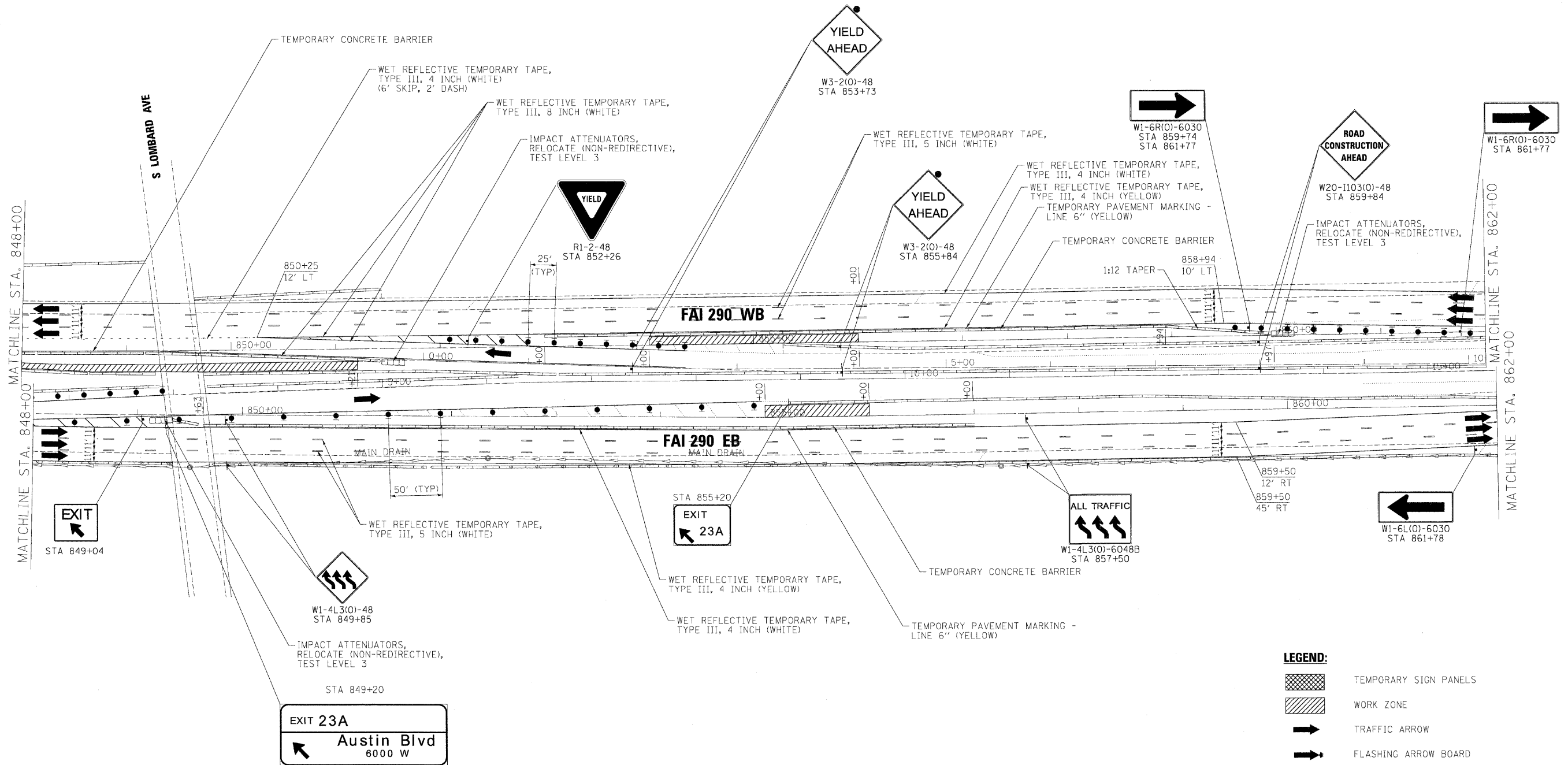
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PLAN - STAGE 2**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	94
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K10	



NOTE:
 COMPLETE SHOULDER RECONSTRUCTION
 BY IMPLEMENTING STANDARD 70:411-06
 AT RAMP

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

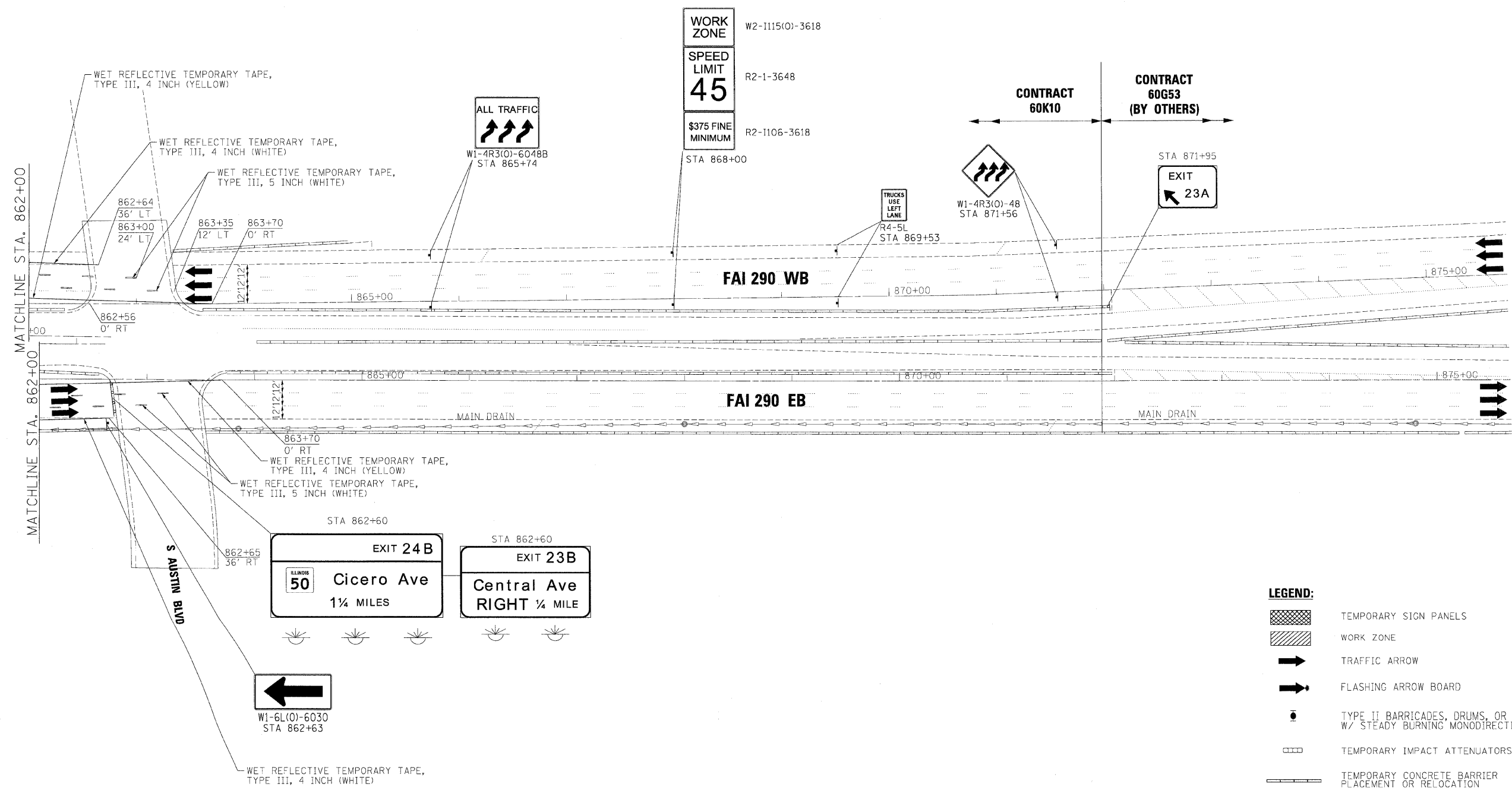
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PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC PLAN - STAGE 2		
SCALE: 1"=50'	SHEET NO. 42 OF 50 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	96
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K10		



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

FILE NAME =	DESIGNED - AJP	REVISED -
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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. 43 OF 50 SHEETS STA. TO STA.

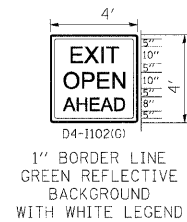
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(313), ETC., 3435)RS-6	COOK	215	97
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 60K10

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-I103(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

NOTES

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.

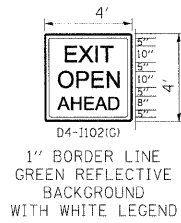
THE CONTRACTOR SHALL STAGE RESURFACING OPERATIONS SUCH THAT THE CROSS SLOPE FROM THE CROWN OF THE ROADWAY TO THE OUTSIDE EDGE OF THE SHOULDER WILL NOT TRAP WATER ON OPEN TRAFFIC LANES.

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	MAINTENANCE OF TRAFFIC TYPICAL SECTION - STAGE 3				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...Nrppln.ABC.C2.ml.met.tgp.st.3.2f.dgn	DRAWN - TMB	REVISED -						290	(3131, ETC., 3435)RS-6	COOK	215	98
USER NAME = jma_jewski	CHECKED - JJT	REVISED -		CONTRACT NO. 60K10								
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -		SCALE:	SHEET NO. 44 OF 50 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

STAGE III

STAGE III NOTES

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



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

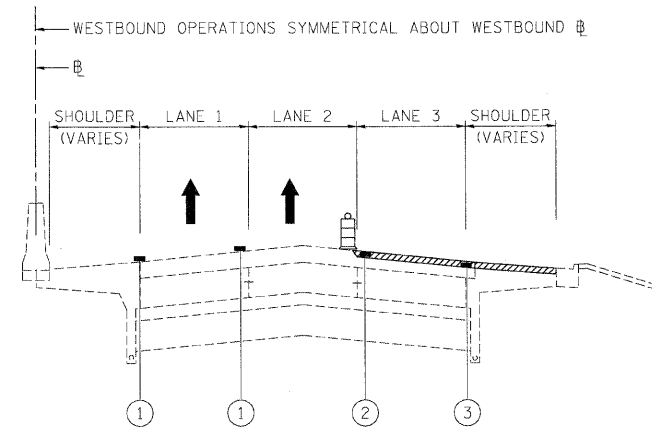


SIGN SHALL BE INSTALLED ON BOTH SIDES OF THE ROADWAY 500' IN ADVANCE OF AREAS WHERE THERE IS A GRADE DIFFERENTIAL BETWEEN LANES, AFTER EACH ENTRANCE RAMP AND A MINIMUM OF EVERY MILE.

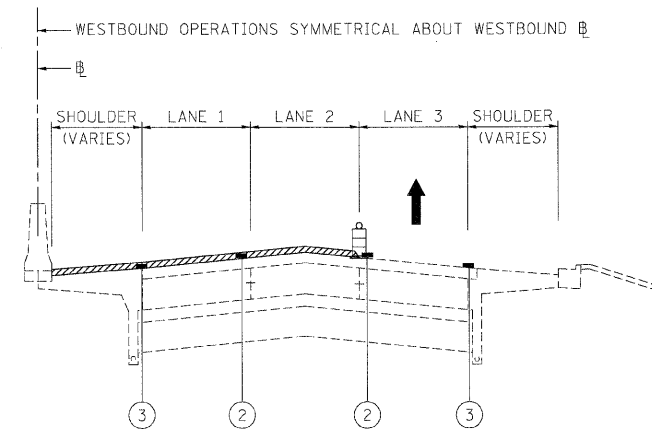
15. THE CONTRACTOR SHALL COORDINATE THE ROADWAY AND STRUCTURAL WORK SO BITUMINOUS MATERIALS ARE NOT TRACKED ON THE BRIDGE DECKS BEFORE BEING SEALED.
16. "EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS" SHALL BE INSTALLED ON MAINLINE ROADWAY DURING STAGE III OPERATIONS, IN LOCATIONS WHERE LETTERS/SYMBOLS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

LEGEND

- ① EXISTING PAVEMENT MARKING
- ② EPOXY PAVEMENT MARKING - LINE 5" (WHITE 10' DASH, 30' SKIP)
- ③ EPOXY PAVEMENT MARKING - LINE 4" (YELLOW LEFT & WHITE RIGHT)
- ④ PROPOSED PAVEMENT MARKING. SEE PAVEMENT MARKING PLANS.
- 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 3, 4, 5, AUXILLARY LANE & SHOULDER
INSIDE OF ROOSEVELT ROAD RAMPS TO I-88



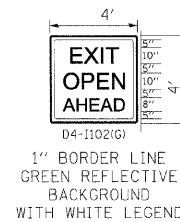
STAGE III - OPERATION TWO - I-290
BITUMINOUS SURFACE REMOVAL 2" - LANES 1, 2 & SHOULDER
OUTSIDE OF ROOSEVELT ROAD RAMPS TO I-88

FILE NAME =	DESIGNED - AJP	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.	
... \p\p\in\ABC\C2_m\mot_tyo_st_3_02.dgn	DRAWN - TMB	REVISED -			290	(3131, ETC., 3435)RS-6	COOK	215	99				
USER NAME = jma_jewski	CHECKED - JJT	REVISED -			SCALE:		SHEET NO. 45 OF 50 SHEETS		STA. TO STA.		CONTRACT NO. 60K10		
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT						

STAGE III

STAGE III NOTES

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



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

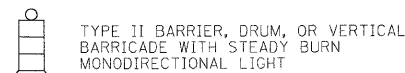


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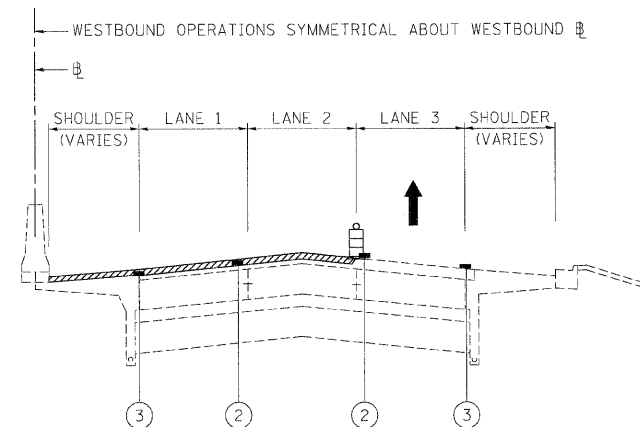
15. THE CONTRACTOR SHALL COORDINATE THE ROADWAY AND STRUCTURAL WORK SO BITUMINOUS MATERIALS ARE NOT TRACKED ON THE BRIDGE DECKS BEFORE BEING SEALED.
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LEGEND

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

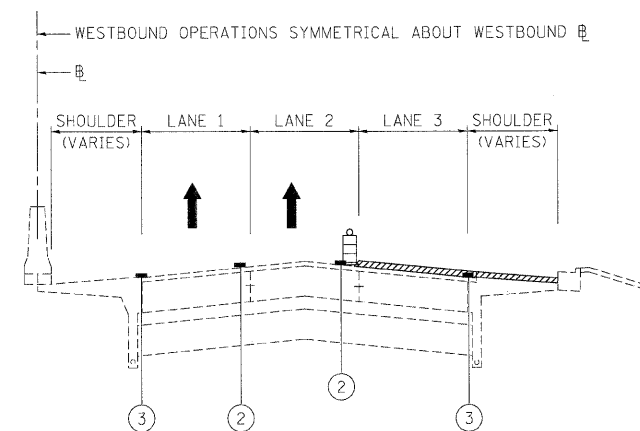


- BITUMINOUS SURFACE REMOVAL
- HMA/SMA BINDER AND SURFACE COURSES



STAGE III - OPERATION THREE - I-290

BITUMINOUS SURFACE REMOVAL FINAL 2" - LANES 1 & 2
BITUMINOUS SURFACE REMOVAL FINAL, 1-3/4" - SHOULDER & OUTSIDE OF ROOSEVELT ROAD RAMP TO I-88



STAGE III - OPERATION FOUR - I-290

BITUMINOUS SURFACE REMOVAL FINAL 2" - LANES 3, 4 & 5
BITUMINOUS SURFACE REMOVAL FINAL, 1-3/4" - AUXILLARY LANE, SHOULDER, & INSIDE OF ROOSEVELT ROAD RAMP TO I-88

FILE NAME =	DESIGNED - AJP	REVISED -
...:\p\in\ABC_C2.m\mat_tup.st.3.23.dgn	DRAWN - TMB	REVISED -
USER NAME = jnejewski	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 3

SCALE: SHEET NO. 46 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3131, ETC., 3435)RS-6	COOK	215	100
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60K10	