

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	(0101.6&0102.5) RS-2	COOK	85	1
ILLINOIS CONTRACT NO. 60133				

#85+1=86
D-91-328-12 #86+3=89

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

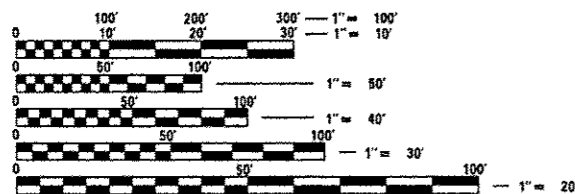
**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 190 (INTERSTATE 190)
O'HARE AIRPORT TO I-90
SECTION (0101.6&0102.5)RS-2
RESURFACING
PROJECT: ACIM-190-1(001)000
COOK COUNTY
C-91-328-12

THE PROJECT IS LOCATED IN THE VILLAGE OF ROSEMONT AND THE CITY OF CHICAGO

TRAFFIC DATA

2010 ADT = 114,700
POSTED SPEED LIMIT = 55 MPH

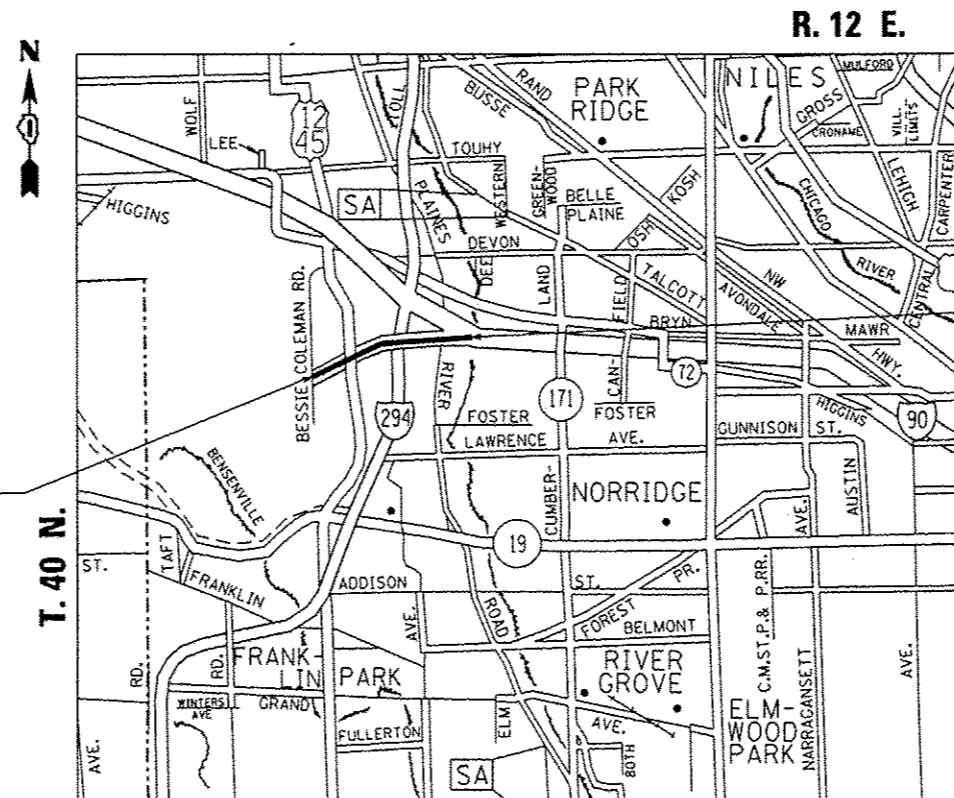


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: DAN WILGREEN (847) 705-4240
PROJECT MANAGER: KEN ENG (847) 705-4247

CONTRACT NO. 60T33



PROJECT BEGINS
STA. 42+22

PROJECT ENDS
STA. 150+27

DU PAGE COUNTY | COOK COUNTY

LOCATED IN THE LEYDEN TWP. & JEFFERSON TWP.

GROSS LENGTH = 10,805.0 FT. = 2.046 MILE
NET LENGTH = 10,805.0 FT. = 2.046 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 15 2012
John Fontana
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 7 2012
John P. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 7 2012
William B. Frey, Jr.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

Rev. 1-3-13

GENERAL NOTES

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION
1	TITLE SHEET	000001-06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
2	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES	420001-07	PAVEMENT JOINTS
3-6	SUMMARY OF QUANTITIES	442201-03	CLASS C AND D PATCHES
7-12	EXISTING AND PROPOSED TYPICAL SECTIONS	482011-03	HMA SHOULDER STRIPS / SHOULDER WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS.
13-15	SUGGESTED SEQUENCE OF STAGING	604001-03	FRAMES AND LIDS, TYPE 1
16	GENERAL LOCATION PLAN	642001-02	SHOULDER RUMBLE STRIPS
17-28	ROADWAY PLANS	701400-06	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
29-31	SLOTTED DRAIN DETAILS	701401-07	LANE CLOSURE, FREEWAY/EXPRESSWAY
32-43	PAVEMENT MARKING PLANS	701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
44-57	INDUCTOR LOOP REPLACEMENT PLANS	701426-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
58-60	DETECTOR LOOP REPLACEMENT PLANS	701446-04	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
61	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	701901-02	TRAFFIC CONTROL DEVICES
62	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	780001-03	TYPICAL PAVEMENT MARKING
63	BUTT JOINT AND HMA TAPER DETAILS	886001-01	DETECTOR LOOP INSTALLATION
64	FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS		
65	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE, SINGLE & MULTI-LANE WEAVE		
66	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS		
67	TYPICAL APPLICATIONS: RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)		

CITY OF CHICAGO NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N." (CHICAGO UTILITY ALERT NETWORK) AT (312)744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION REQUIRED).
- ALL CATCH BASINS IN THE CITY OF CHICAGO MUST MEET THE DEPARTMENT OF SEWERS' STANDARDS.
- PERMITS FROM THE DEPARTMENT OF SEWERS ARE REQUIRED FOR ALL UNDERGROUND STORM, SANITARY OR COMBINED SEWER SYSTEM CONSTRUCTION, AND FOR RESURFACING WORK INVOLVING ADJUSTMENT OF SEWER STRUCTURES. THE DEPARTMENT OF SEWERS' PERMIT MUST BE OBTAINED BY A LICENSED SEWER DRAIN LAYER PRIOR TO START OF CONSTRUCTION.
- BENCH MONUMENT LOCATIONS WITHIN THE LIMITS OF THE IMPROVEMENT CAN BE OBTAINED IN SUITE 410 - 333 SOUTH STATE STREET, CHICAGO, IL 60604. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF REPLACEMENT OF ANY BENCH MONUMENT IF DAMAGED OR DESTROYED DURING CONSTRUCTION.
- OPEN LID DRAINAGE STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION OF THIS ROADWAY WITHOUT THE WRITTEN PERMISSION FROM THE CITY OF CHICAGO.
- CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY OF CHICAGO AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES AND LANE CLOSURES WITH MARCOS FERNANDEZ OF THE CHICAGO DEPARTMENT OF AVIATION (CDA) AT (773) 894-2085.

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITY OF ROSEMONT AND THE CITY OF CHICAGO, AND THE ILLINOIS TOLLWAY AUTHORITY.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- PERMANENT PAVEMENT MARKINGS SHALL BE AS SPECIFIED IN THE PLANS AND SHOULD BE PLACED IN ACCORDANCE WITH THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" AND THE "FREEWAY PAVEMENT MARKING" DETAILS.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- ALL PAVEMENT PATCHING AND CURB LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE RESIDENT ENGINEER SHALL CONTACT THE EXPRESSWAY FIELD ENGINEER AT (847) 705-4153 A MINIMUM OF 72 HOURS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE RESIDENT ENGINEER SHALL CONTACT THE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR, MATTHEW DAEDA, AT (847) 705-4155 A MINIMUM OF 72 HOURS PRIOR TO THE INSTALLATION OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- ALL EXISTING DETECTOR LOOPS NOT SPECIFIED IN THE PLANS THAT ARE REMOVED DUE TO MILLING OPERATIONS SHALL BE REPLACED AND PAID FOR AT THE CONTRACT UNIT PRICE.
- 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 ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- SAW CUTTING OF PAVEMENTS SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
- THE MAXIMUM GRADE DIFFERENTIAL PERTAINING TO THE MILLING AND PAVING OPERATIONS SHALL BE IN ACCORDANCE WITH ARTICLE 701.07 OF THE STANDARD SPECIFICATIONS.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- ALL PERMANENT PAVEMENT MARKINGS APPLIED TO BRIDGE DECKS DESIGNATED IN THE PLANS SHALL CONSIST OF POLYUREA.

19. TEMPORARY HOT-MIX ASPHALT RAMPS SHALL BE CONSTRUCTED AROUND EACH EXPOSED DRAINAGE AND UTILITY STRUCTURE CASTING AS DETERMINED BY THE ENGINEER AND AS OUTLINED IN THE SPECIAL PROVISIONS. THE CONSTRUCTION OF THE TEMPORARY HOT-MIX ASPHALT RAMP AND REMOVAL SHALL BE PAID FOR IN ACCORDANCE TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

20. ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY (ISTHA). THE PROPER PERMITS SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO INITIATING ANY LANE CLOSURES ON THE TOLLWAY OR DOING ANY WORK ON THE ISTHA RIGHT OF WAY.

21. ROAD CONSTRUCTION AHEAD (RCA) SIGNS SHALL BE PLACED PRIOR TO EACH TOLLWAY RAMP TOLL PLAZA AND THE SIGNS SHALL BE PLACED AT LOCATIONS DETERMINED BY THE ENGINEER. THE COST TO FURNISH AND INSTALL THE RCA SIGNS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

Rev. 1-3-13

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	MR 11/29/12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pvc\work\pvd\dot\chr\zosc\1\ad299718\013	chrzosc	2012	REVISED						190	(0101.6&0102.5)RS-2	COOK	85	2
		PLOT SCALE :	CHECKED :			SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60T33		
		PLOT DATE :	DATE :						ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			URBAN		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	90% FED. 10% STATE 0005					
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	118	118					
40600300	AGGREGATE (PRIME COAT)	TON	588	588					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	221	221					
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD). IL-4.75, N50	TON	1148	1148					
40600895	CONSTRUCTING TEST STRIP	EACH	5	5					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1442	1442					
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	189	189					
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	354	354					
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	6309	6309					
40603148	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	TON	8116	8116					
40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	8116	8116					

SUMMARY OF QUANTITIES			URBAN		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	90% FED. 10% STATE 0005					
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	6543	6543					
42001300	PROTECTIVE COAT	SQ YD	184	184					
44000100	PAVEMENT REMOVAL	SQ YD	299	299					
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1952	1952					
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	96992	96992					
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	26,750	26,750					
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	48,114	48,114					
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	23963	23963					
44002220	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5"	SQ YD	1263	1263					
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	811	811					
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	216	216					
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	71	71					
44213200	SAW CUTS	FOOT	759	759					
* SPECIALTY ITEM									

FILE NAME *	USER NAME * rad/queza	DESIGNED -	REVISED -
PLT SCALE * 1000000 // 1in	DATE	DRAWN -	REVISED -
PLT DATE * 10/18/2012		CHECKED -	REVISED -
		DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-190 (O'HARE AIRPORT TO I-90)
SUMMARY OF QUANTITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	(0101.6&0102.5) RS-2	COOK	85	3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T33	

A Rev. 1-3-13

SUMMARY OF QUANTITIES			URBAN		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	90% FED 10% STATE 0005					
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1080	1080					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2683	2683					
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	3	3					
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	3	3					
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	4	4					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	8	8					
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	4	4					
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	4	4					
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	24438	24438					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
67100100	MOBILIZATION	L SUM	1	1					
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	19	19					
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1					
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SO FT	683	683					

SUMMARY OF QUANTITIES			URBAN		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	90% FED 10% STATE 0005					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	42,105	42,105					
70300530	PAVEMENT MARKING TAPE, TYPE III 5"	FOOT	5863	5863					
70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	1050	1050					
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	14,759	14,759					
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	6854	6854					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	54,822	54,822					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	683	683					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	42,105	42,105					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1050	1050					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	14,759	14,759					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	6854	6854					
* SPECIALTY ITEM									

FILE NAME *	USER NAME = rdd/guzmo	DESIGNED -	REVISED -
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	PLOT DATE = 10/18/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-190 (O'HARE AIRPORT TO I-90)
SUMMARY OF QUANTITIES**

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

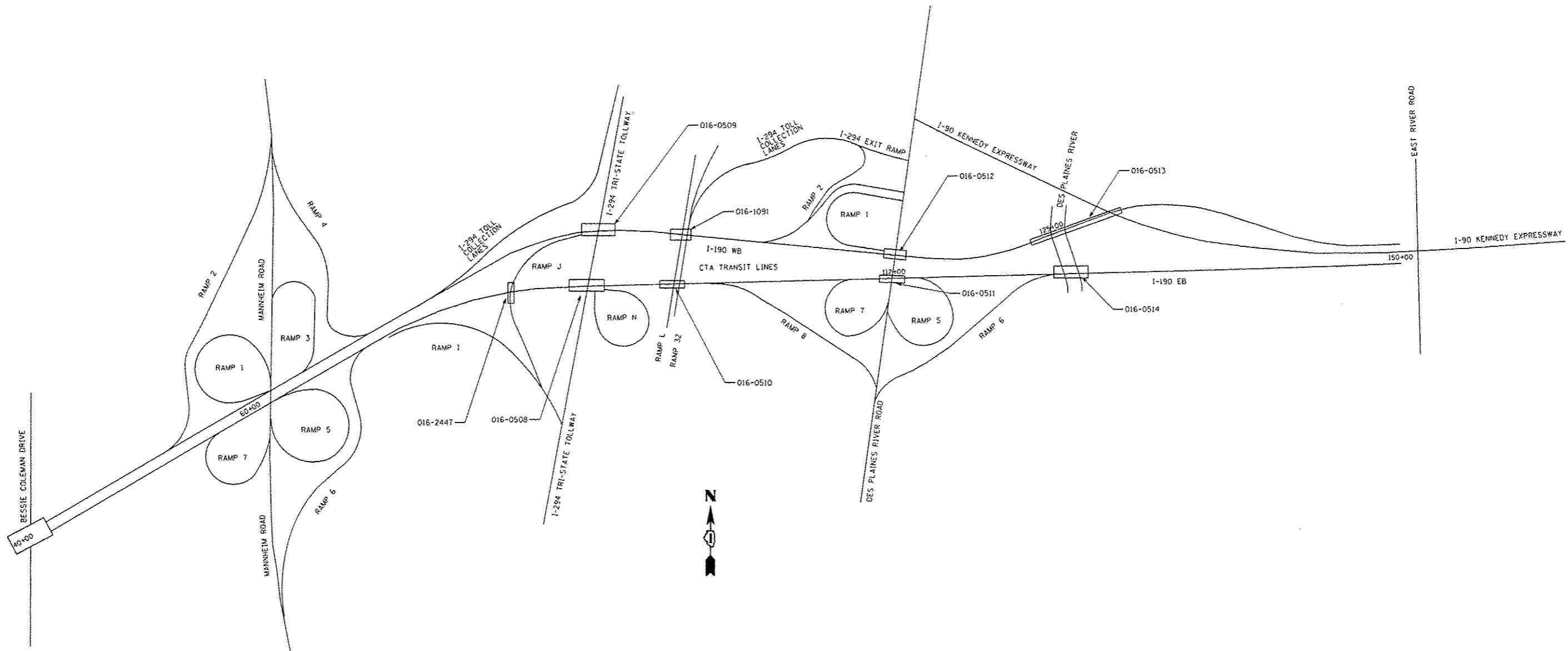
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	10101.6&0102.51 RS-2	COOK	85	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T33	

Rev. 1-3-13

SUMMARY OF QUANTITIES			URBAN		CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES			URBAN		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	90% FED 10% STATE 0005						CODE NO	ITEM	UNIT	TOTAL QUANTITIES	90% FED 10% STATE 0005					
* 7800650	THERMOPLASTIC PAVEMENT MARKING - LINE 2 1/4"	FOOT	62	62						* X0322440	DIGITAL LOOP DETECTOR SENSOR UNIT (2 CHANNEL)	EACH	1	1					
* 78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	5863	5863						* X0322442	TONE EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	1	1					
* 78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	14516	14516						* X0322443	TONE EQUIPMENT - 3 FREQUENCY TRANSMITTER PROGRAMMABLE	EACH	1	1					
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	4580	4580						* X0322727	POLYETHYLENE DUCT 1 1/4"	FOOT	50	50					
* 78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	832	832						X2020110	GRADING AND SHAPING SHOULDERS	UNIT	224	224					
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	1474	1474						X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	738	738					
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	149	149						△ X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	1600	1600					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1124	1124						△ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	2500	2500					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1011	1011						△ X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	1300	1300					
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	957	957						X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1					
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	921	921						X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	5	5					
										* SPECIALTY ITEM									

△ 100% STATE

△ Rev. 1-3-13


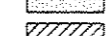
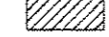



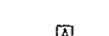
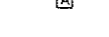
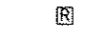





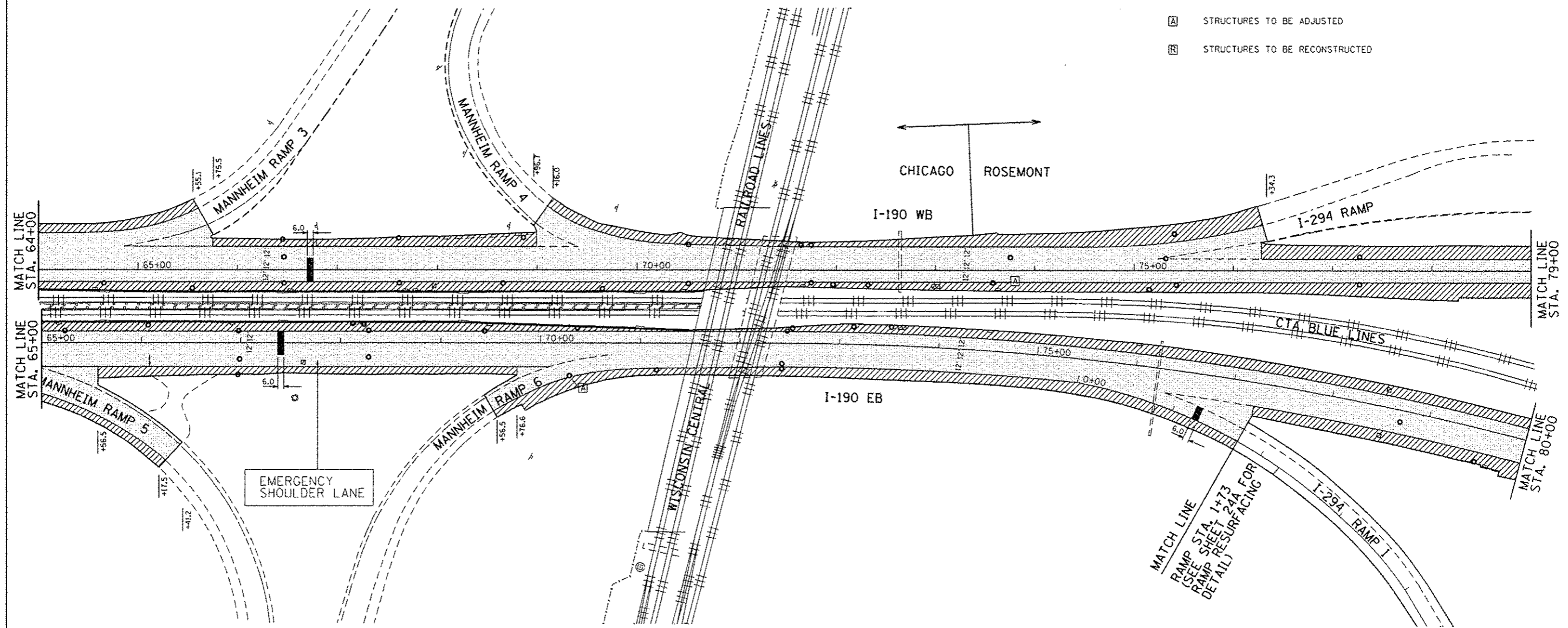
LOCATION PLAN PROVIDED FOR REFERENCE ONLY.

▲ *Rev. Sheet 1-3-13*

FILE NAME :	USER NAME : chrzascr	DESIGNED -	REVISED - LC 11/29/12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL LOCATION PLAN I-190 (O'HARE AIRPORT TO I-90)	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\chrzascr\d0299718\016-0512-sht-plan2.dgn	DRAWN -	REVISED -	REVISED -			190	(0101.6 & 0102.5) RS-2	COOK	85	16
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 60133				
PLOT DATE = 11/29/2012	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				
						SHEET OF SHEETS STA. TO STA.				

LEGEND

-  PROP. HMA MAINLINE SURFACE REMOVAL, 4"
-  PROP. POLY. HMA SURFACE COURSE, SMA, N80, 2"
-  PROP. POLY. HMA BINDER COURSE, SMA, N80, 2"
-  PROP. HMA SHOULDERS SURFACE REMOVAL, 3 3/4"
-  PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
-  PROP. HMA BINDER COURSE, IL-10, N70, 2 1/4"
-  PROP. HMA RAMP SURFACE REMOVAL, 2 1/4"
-  PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
-  PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
-  PAVEMENT RELIEF JOINT TO REMAIN
-  STRUCTURES TO BE ADJUSTED
-  STRUCTURES TO BE RECONSTRUCTED



FILE NAME	USER NAME	DESIGNED	REVISED
...	chrzascl	-	LC 11/29/12
...	...	DRAWN	REVISED
...	...	-	-
...	...	CHECKED	REVISED
...	...	-	-
...	...	DATE	REVISED
...	...	-	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**











**ROADWAY PLANS
I-190 (O'HARE AIRPORT TO I-90)**



SHEET OF SHEETS STA. TO STA.

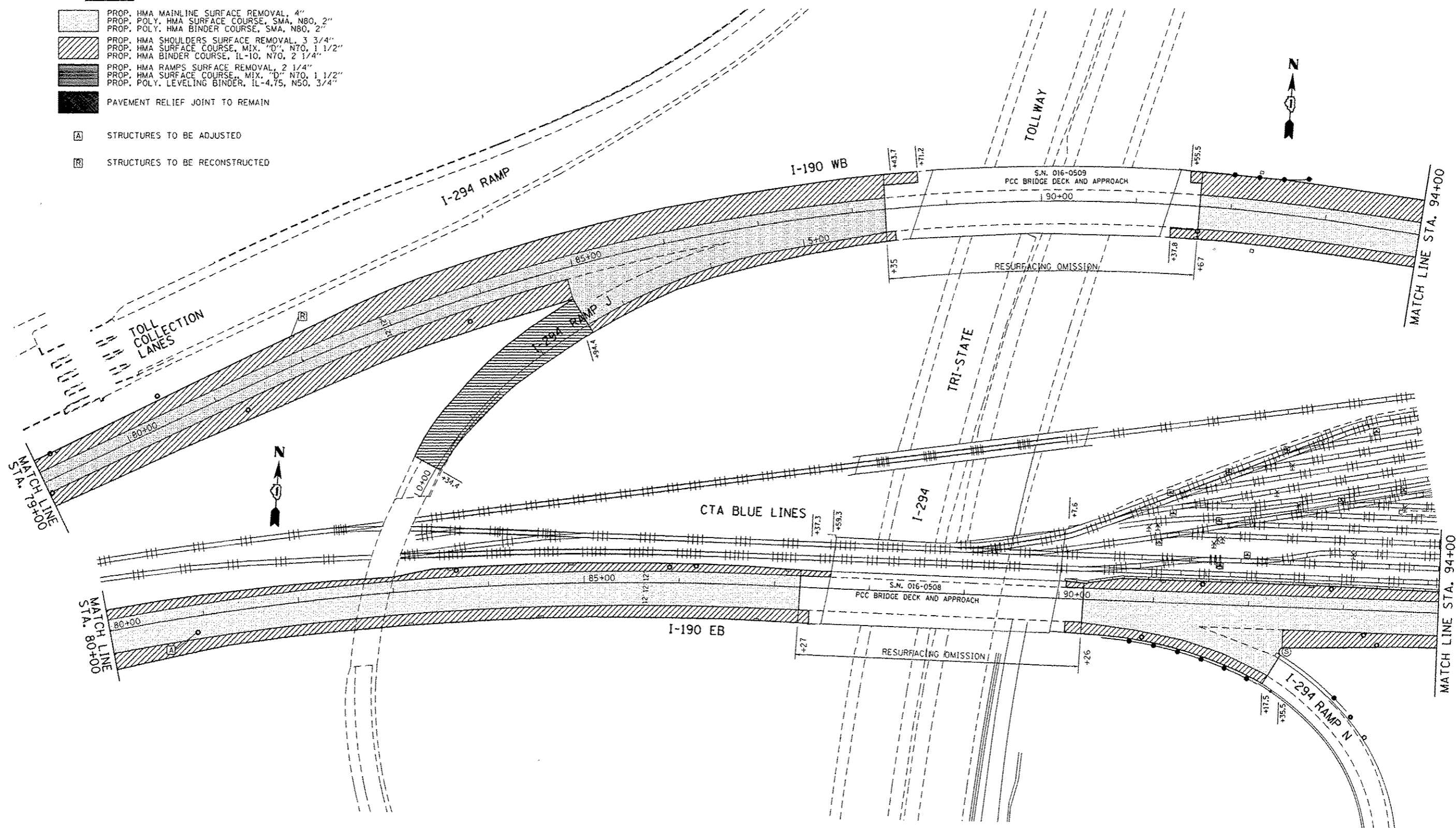
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	(0101.6 & 0102.5)RS-2	COOK	85	19
CONTRACT NO. 60T33			ILLINOIS FED. AID PROJECT	

Rev. Sheet 1-3-13

LEGEND

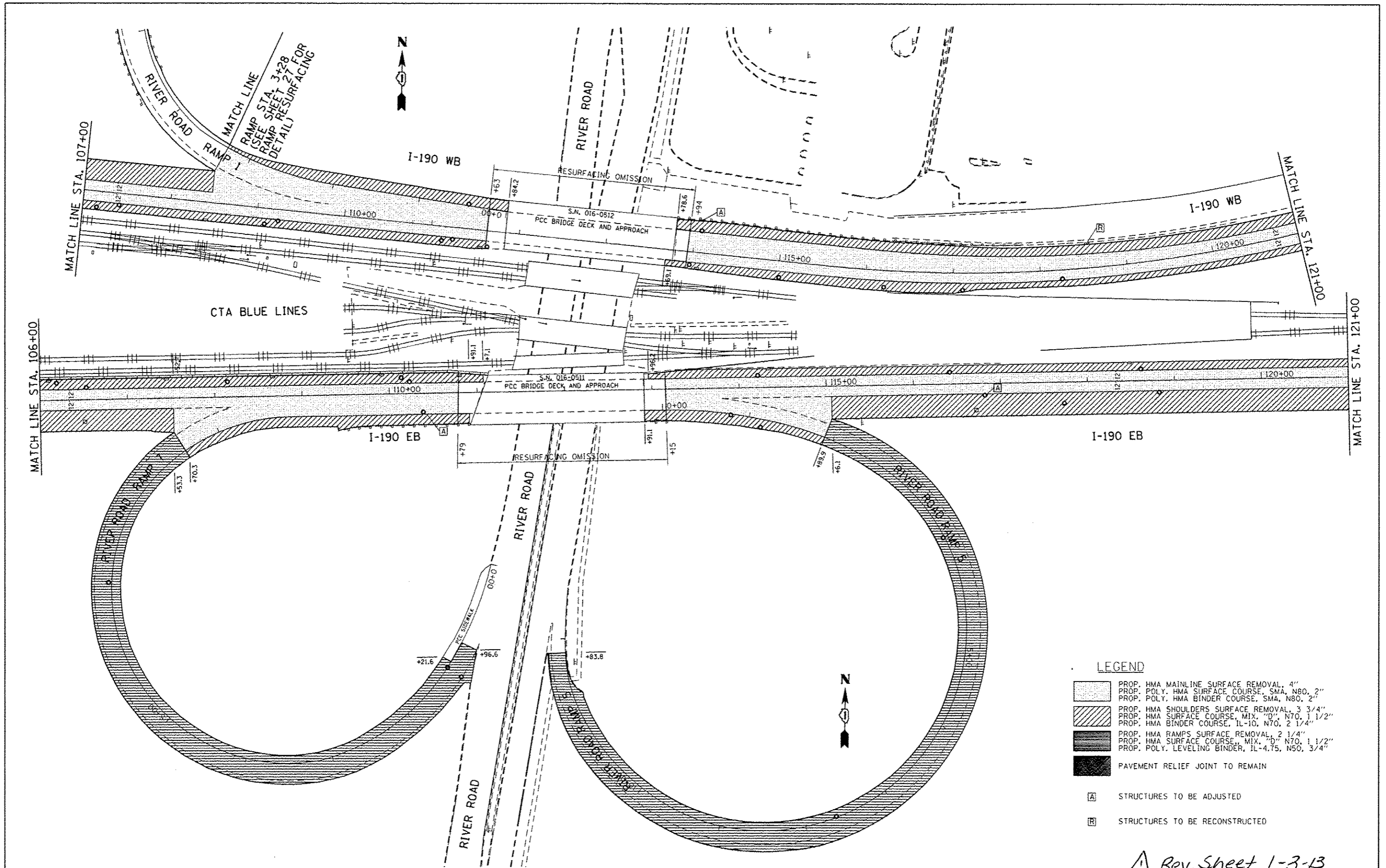
-  PROP. HMA MAINLINE SURFACE REMOVAL, 4"
-  PROP. POLY. HMA SURFACE COURSE, SMA, N80, 2"
-  PROP. POLY. HMA BINDER COURSE, SMA, N80, 2"
-  PROP. HMA SHOULDERS SURFACE REMOVAL, 3 3/4"
-  PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
-  PROP. HMA BINDER COURSE, IL-10, N70, 2 1/4"
-  PROP. HMA RAMP SURFACE REMOVAL, 2 1/4"
-  PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
-  PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
-  PAVEMENT RELIEF JOINT TO REMAIN

-  STRUCTURES TO BE ADJUSTED
-  STRUCTURES TO BE RECONSTRUCTED



Rev. Sheet 1-3-13

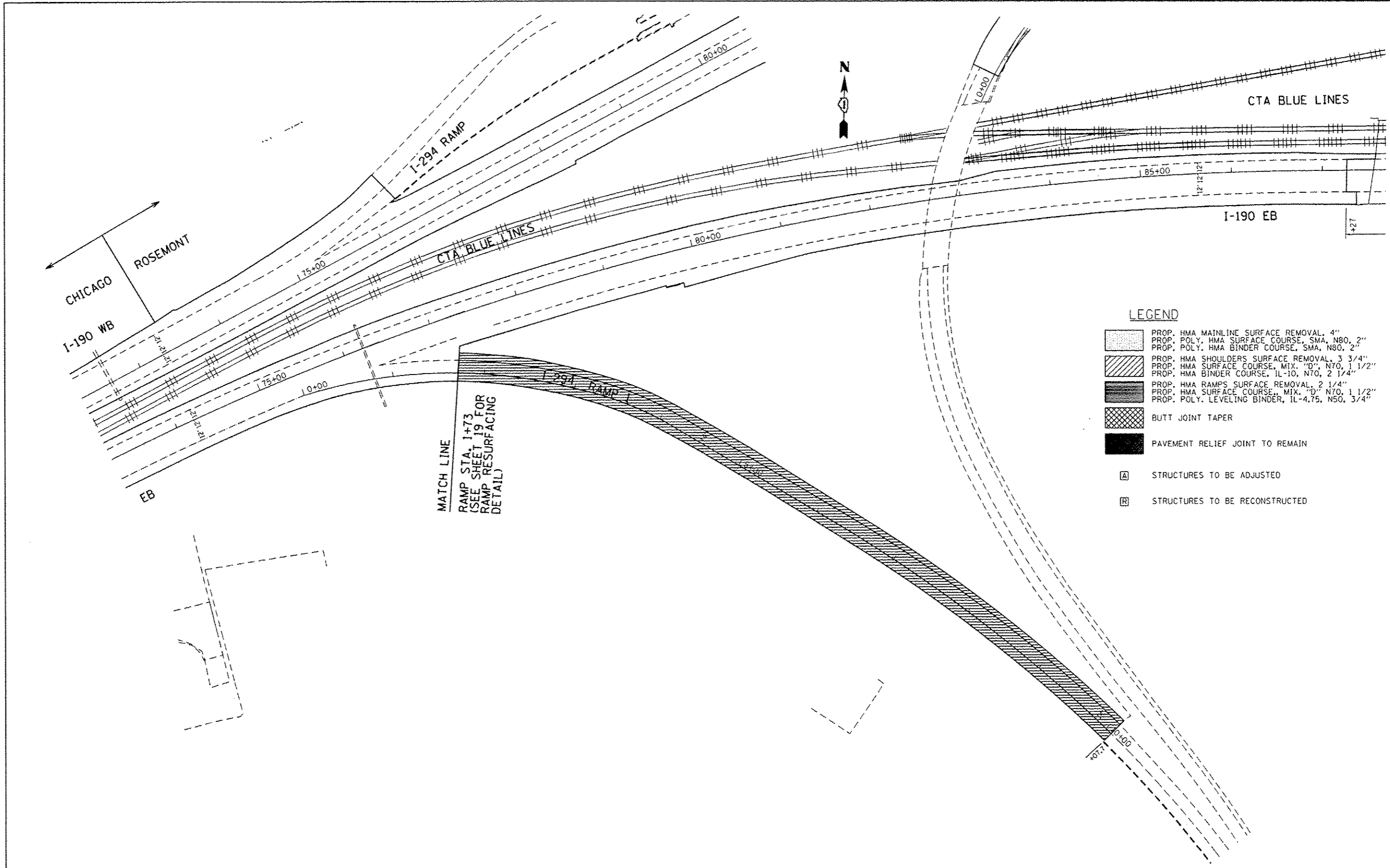
FILE NAME :	USER NAME : rodriguez	DESIGNED -	REVISED - LC 11/29/12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS I-190 (O'HARE AIRPORT TO I-90)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			190	(0101.6 & 0102.5)RS-2	COOK	85	20	
		CHECKED -	REVISED -			CONTRACT NO. 60T33					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
PLOT SCALE = 1/8" = 1' / 32"		PLOT DATE = 11/29/2012		SHEET OF SHEETS STA. TO STA.							



- LEGEND**
- PROP. HMA MAINLINE SURFACE REMOVAL, 4"
 - PROP. POLY. HMA SURFACE COURSE, SMA, N80, 2"
 - PROP. POLY. HMA BINDER COURSE, SMA, N80, 2"
 - PROP. HMA SHOULDERS SURFACE REMOVAL, 3 3/4"
 - PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
 - PROP. HMA BINDER COURSE, IL-10, N70, 2 1/4"
 - PROP. HMA RAMPS SURFACE REMOVAL, 2 1/4"
 - PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
 - PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
 - PAVEMENT RELIEF JOINT TO REMAIN
 - STRUCTURES TO BE ADJUSTED
 - STRUCTURES TO BE RECONSTRUCTED

Rev. Sheet 1-3-13

FILE NAME >	USER NAME = chrzascir	DESIGNED -	REVISED - LC 11/29/12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS I-190 (O'HARE AIRPORT TO I-90)			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\psdot\chrzascir\110299718\110299718.dgn	1102-plt-plan2.dgn	DRAWN -	REVISED -		190	0101.6 & 0102.5IRS-2	COOK	85	22			
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 60T33				
	PLOT DATE = 11/29/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



- LEGEND**
- PROP. HMA MAINLINE SURFACE REMOVAL, 4"
PROP. POLY. HMA SURFACE COURSE, SMA, N80, 2"
PROP. POLY. HMA BINDER COURSE, SMA, N80, 2"
 - PROP. HMA SHOULDERS SURFACE REMOVAL, 3 3/4"
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
PROP. HMA BINDER COURSE, IL-10, N70, 2 1/4"
 - PROP. HMA RAMP SURFACE REMOVAL, 2 1/4"
PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
 - BUTT JOINT TAPER
 - PAVEMENT RELIEF JOINT TO REMAIN
 - STRUCTURES TO BE ADJUSTED
 - STRUCTURES TO BE RECONSTRUCTED

FILE NAME =	USER NAME = chr-zascj	DESIGNED -	REVISED - LC 11/29/12
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/29/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**















**ROADWAY PLANS
I-190 (O'HARE AIRPORT TO I-90)**



SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	10101.6 & 0102.5/RS-2	COOK	85	24A
CONTRACT NO. 60T33				
ILLINOIS FED. AID PROJECT				

Added sheet 1-3-13

LEGEND

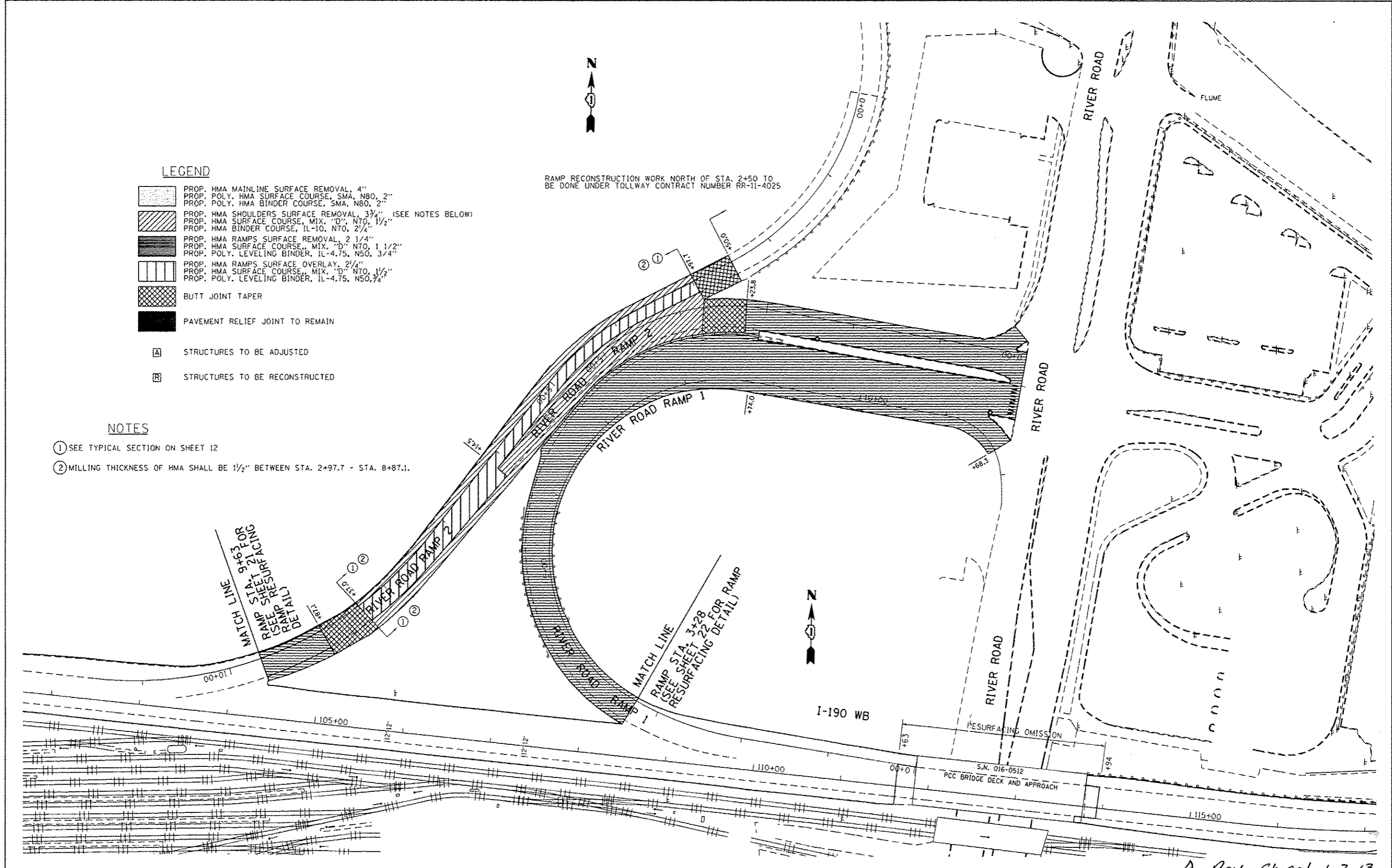
-  PROP. HMA MAINLINE SURFACE REMOVAL, 4"
-  PROP. POLY. HMA SURFACE COURSE, SMA, N80, 2"
-  PROP. POLY. HMA BINDER COURSE, SMA, N80, 2"
-  PROP. HMA SHOULDERS SURFACE REMOVAL, 3 3/4" (SEE NOTES BELOW)
-  PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
-  PROP. HMA BINDER COURSE, IL-10, N70, 2 1/4"
-  PROP. HMA RAMP SURFACE REMOVAL, 2 1/4"
-  PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
-  PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
-  PROP. HMA RAMP SURFACE OVERLAY, 2 1/4"
-  PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
-  PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
-  BUTT JOINT TAPER
-  PAVEMENT RELIEF JOINT TO REMAIN

-  STRUCTURES TO BE ADJUSTED
-  STRUCTURES TO BE RECONSTRUCTED

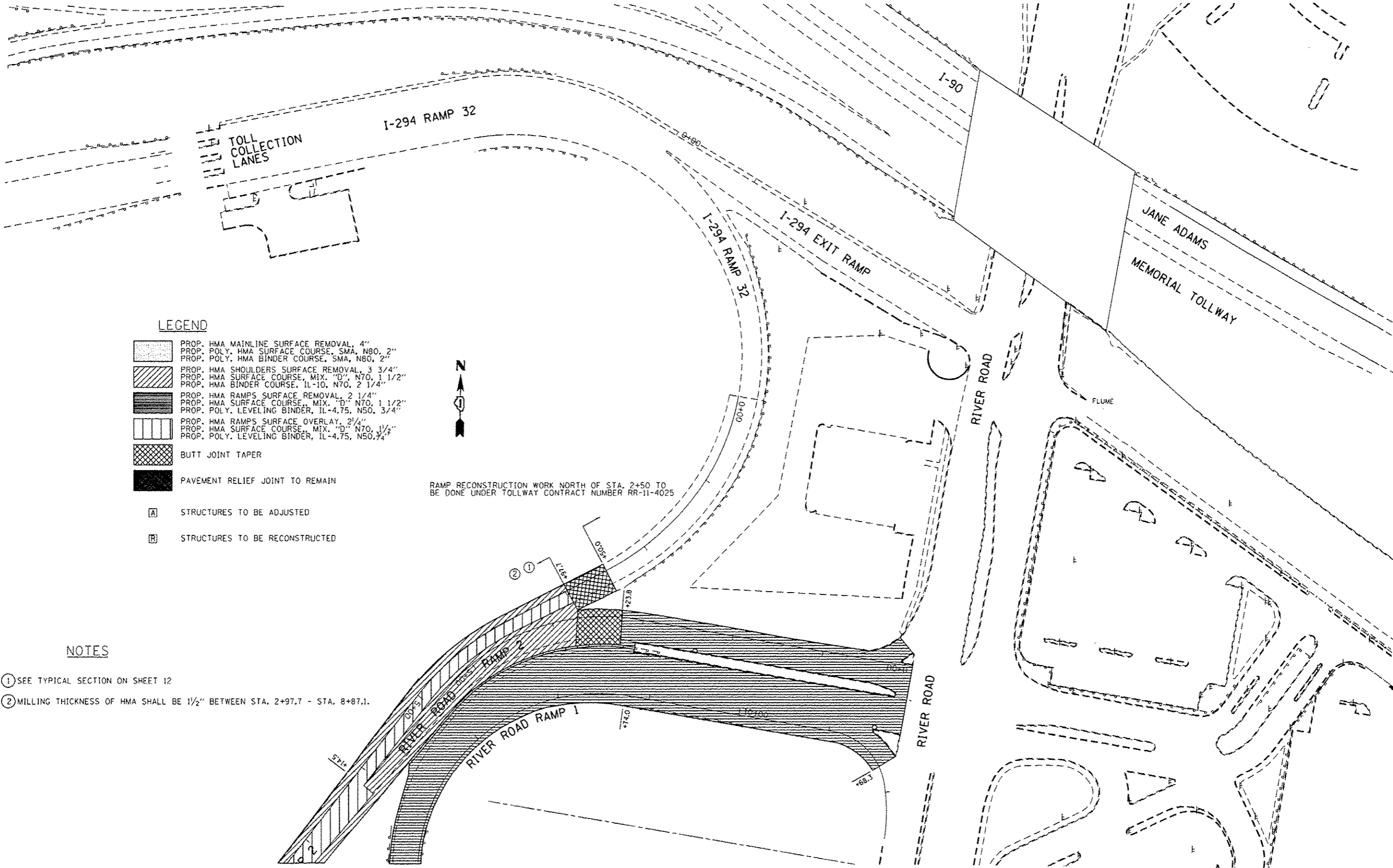
NOTES

- ① SEE TYPICAL SECTION ON SHEET 12
- ② MILLING THICKNESS OF HMA SHALL BE 1 1/2" BETWEEN STA. 2+97.7 - STA. 8+87.1.







RAMP RECONSTRUCTION WORK NORTH OF STA. 2+50 TO BE DONE UNDER TOLLWAY CONTRACT NUMBER RR-11-4025





FILE NAME : c:\p\work\pav\dot\chr\zosc\rd0299718\012\shr\plan2.dgn	USER NAME : chrzosc	DESIGNED -	REVISED - MR 11/29/12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS I-190 (O'HARE AIRPORT TO I-90)	R.A.I. RTE. 190	SECTION (0101.6 & 0102.5)RS-2	COUNTY COOK	TOTAL SHEETS 85	SHEET NO. 27
PLOT SCALE : 100.0000' / in.	CHECKED -	REVISED -	SHEET OF SHEETS			STA. TO STA.	CONTRACT NO. 60T33			
PLOT DATE : 11/29/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
<i>Rev. Sheet 1-3-13</i>										



LEGEND

- 
 PROP. HMA MAINLINE SURFACE REMOVAL, 4"
 PROP. POLY. HMA SURFACE COURSE, SMA, N80, 2"
 PROP. POLY. HMA BINDER COURSE, SMA, N80, 2"
- 
 PROP. HMA SHOULDERS SURFACE REMOVAL, 3 3/4"
 PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
 PROP. HMA BINDER COURSE, IL-10, N70, 2 1/4"
- 
 PROP. HMA RAMP'S SURFACE REMOVAL, 2 1/4"
 PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
 PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
- 
 PROP. HMA RAMP'S SURFACE OVERLAY, 2 1/4"
 PROP. HMA SURFACE COURSE, MIX. "D", N70, 1 1/2"
 PROP. POLY. LEVELING BINDER, IL-4.75, N50, 3/4"
- 
 BUTT JOINT TAPER
- 
 PAVEMENT RELIEF JOINT TO REMAIN

-  STRUCTURES TO BE ADJUSTED
-  STRUCTURES TO BE RECONSTRUCTED

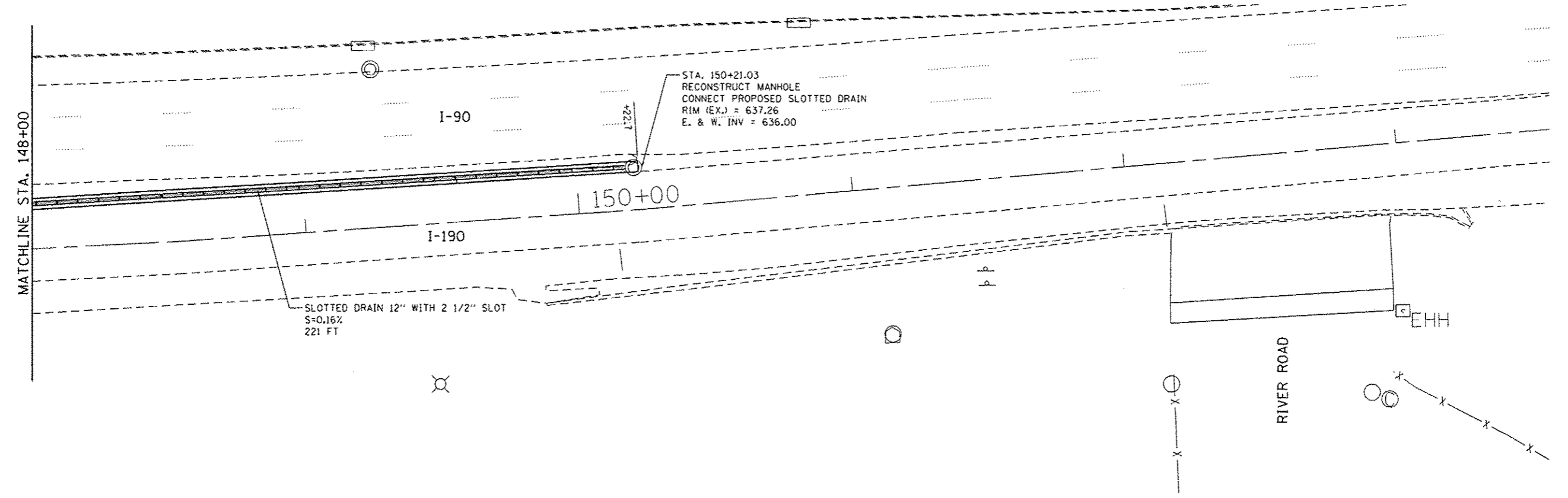
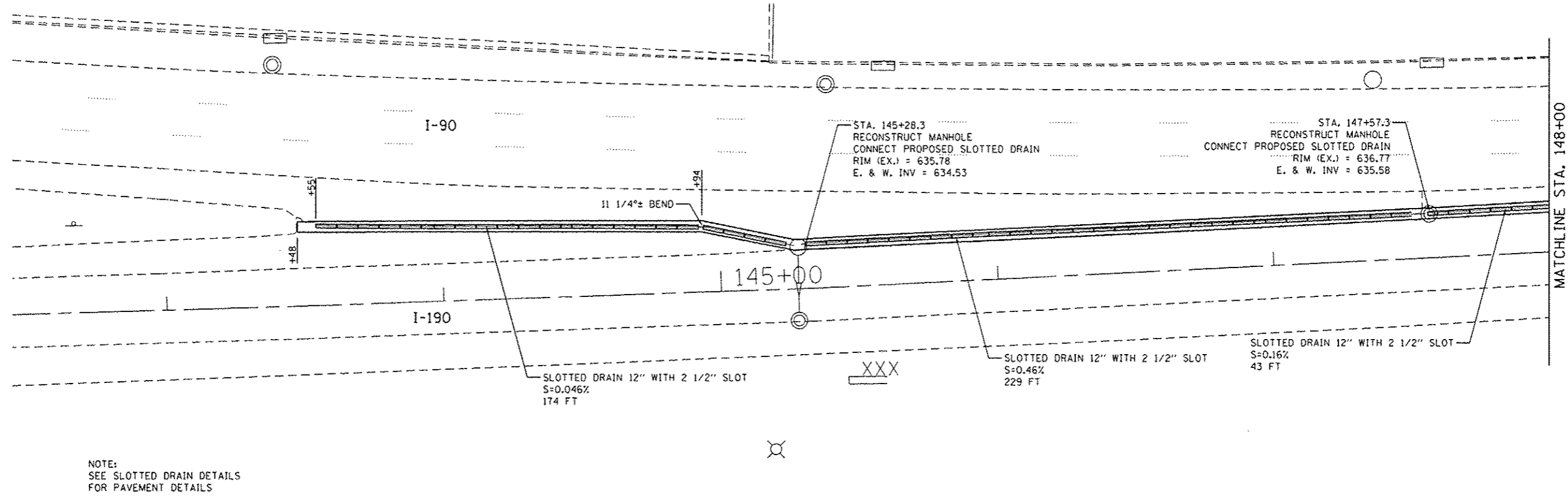
RAMP RECONSTRUCTION WORK NORTH OF STA. 2+50 TO BE DONE UNDER TOLLWAY CONTRACT NUMBER RR-11-4025

NOTES

- ① SEE TYPICAL SECTION ON SHEET 12
- ② MILLING THICKNESS OF HMA SHALL BE 1 1/2" BETWEEN STA. 2+97.7 - STA. 8+87.1.

Rev. sheet 1-3-B

FILE NAME :	USER NAME : rodriguezma	DESIGNED -	REVISED - MR 11/29/12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS I-190 (O'HARE AIRPORT TO I-90)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 60T33							
PLOT DATE = 11/29/2012	DATE -	REVISED -	[ILLINOIS] FED. AID PROJECT							
						SHEET	OF	SHEETS	STA.	TO STA.



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GRÖEF
2001 N. Maple Road Suite 200
Chicago, Illinois 60631
(773) 399-0112

USER NAME = 1405	DESIGNED = EF	REVISED =
DRAWN = EF	REVISIONS =	
CHECKED = RS	REVISIONS =	
DATE = 09/21/2012	REVISIONS =	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

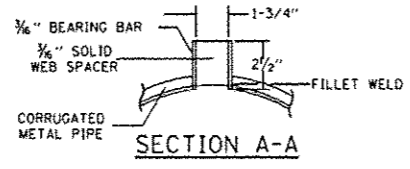
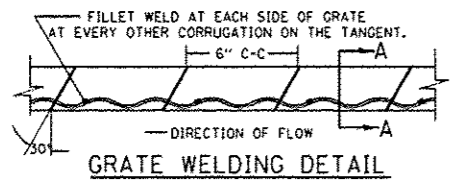
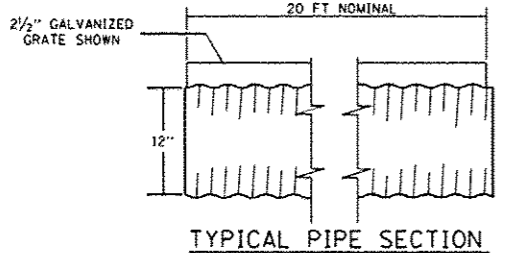
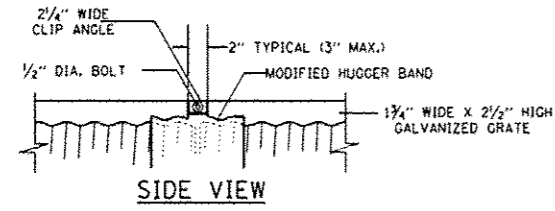
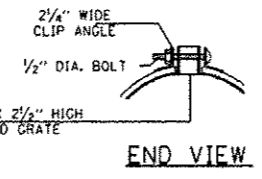
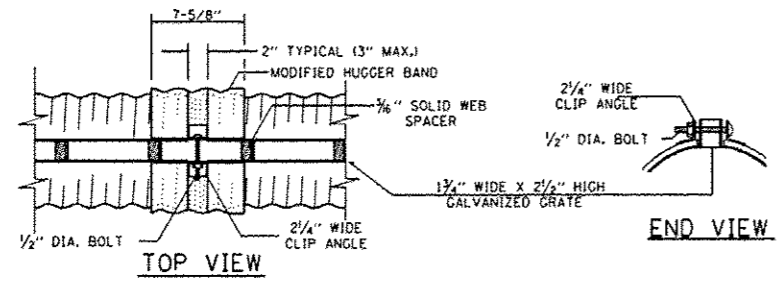
**I-190 (O'HARE AIRPORT TO I-90)
PROPOSED SLOTTED DRAIN PLAN**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 190	SECTION (0101.6 & 0102.5/RS-2)	COUNTY COOK	TOTAL SHEETS 30
CONTRACT NO. 60T33			SHEET NO. 30

ILLINOIS FED. AID PROJECT

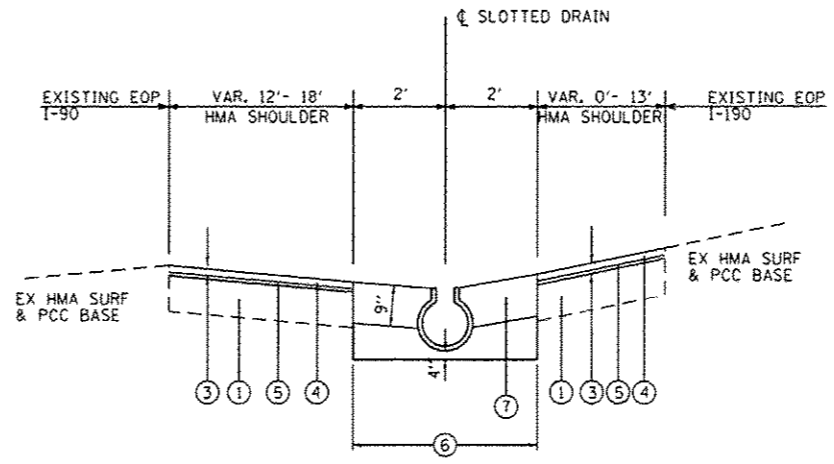
Rev. 1-3-13



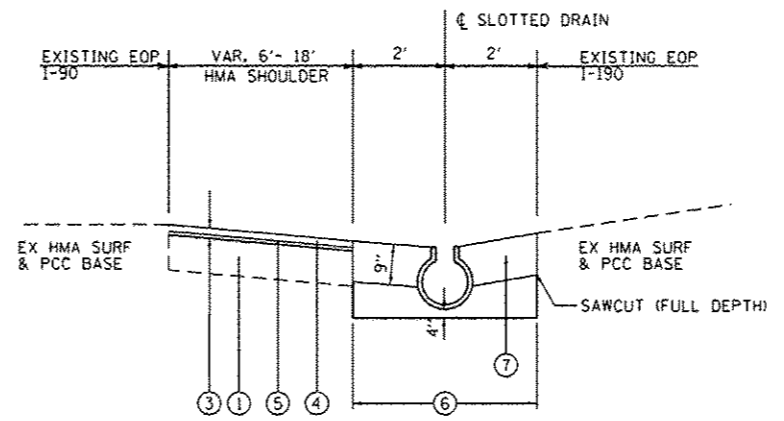
NOTES

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
 THE SLOTTED DRAIN SHALL BE CORRUGATED PIPE CULVERT WITH INTEGRAL SLOTTED DRAINS. BEFORE PLACING THE CONCRETE ADJACENT TO THE PIPE, THE SLOT SHALL BE COVERED BY EITHER THIN, FLAT METAL SHEETING OR BY A BOARD NOTCHED TO FIT OVER THE GRATE BARS. THIS COVERING MUST FIT CLOSELY IN THE SLOT TO PREVENT ENTRY OF CONCRETE INTO THE PIPE.
 PAVING OVER THE SLOTTED DRAIN WILL THEN BE ONE CONTINUOUS OPERATION OVER THE PROTECTED DRAIN. THE PROTECTION FOR THE DRAIN SLOT SHALL THEN BE REMOVED. THE PIPE SHALL DRAIN INTO THE SIDE OF THE INLET.
 THE OPENING WHERE THE SLOT IS REMOVED SHALL BE COVERED TO PREVENT CONCRETE FROM ENTERING THE PIPE.
 THE CORRUGATED STEEL PIPE USED IN THE SLOTTED DRAIN SHALL MEET THE REQUIREMENTS OF AASHTO M-36/ASTM A 760. THE CMP SHALL BE GALVANIZED OR ALUMINIZED STEEL TYPE 2. STEEL GRATING SHALL MEET THE GALVANIZING REQUIREMENTS OF AASHTO M-111. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR SLOTTED DRAIN PIPE, AND SHALL INCLUDE ELBOWS.
 USE APPROVED END CAP TO PREVENT CONCRETE ENTRY INTO THE PIPE DURING GUTTER CONSTRUCTION ON THE UPSTREAM END OF PIPE.
 DIMENSIONS ARE SUBJECT TO THE FOLLOWING MANUFACTURING TOLERANCES:
 1. VERTICAL BOW $\pm 3/8"$
 2. HORIZONTAL BOW $\pm 9/8"$
 3. TWIST $\pm 1/2"$

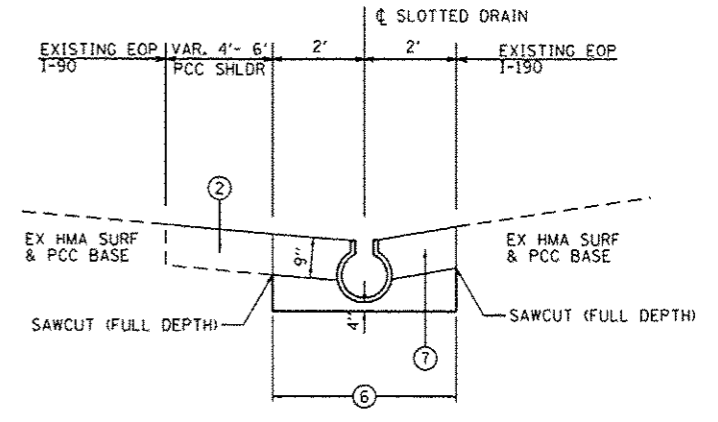
THE REMOVAL OF THE EXISTING SLOTTED DRAIN SHALL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL.
 THE 4" AGGREGATE BASE COURSE MATERIAL TYPE B AND 9" PCC GUTTER ARE INCLUDED IN THE COST OF THE SLOTTED DRAIN.
 ALL TRAFFIC CONTROL DEVICES AND ADVANCED SIGNING FOR THE PROPOSED SLOTTED DRAIN WORK SHALL BE PLACED ACCORDING TO STATE HIGHWAY STANDARDS 701400 AND 701401.
 ALL SLOTTED DRAIN WORK SHALL BE PERFORMED DURING NIGHTTIME HOURS AS OUTLINED IN THE SPECIAL PROVISIONS. DURING DAYTIME HOURS, ALL OPEN HOLES SHALL BE COVERED WITH A STEEL PLATE AND THE GORE AREA SHALL BE BARRICADED. BOTH STEEL PLATES AND BARRICADES SHALL BE INSTALLED PER THE SATISFACTION OF THE ENGINEER. THE COST OF THE STEEL PLATE AND ALL TRAFFIC CONTROL DEVICES SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY).



STA. 143+55 TO 145+28.3



STA. 145+28.3 TO 147+57.3



STA. 147+57.3 TO 150+21.0

LEGEND

- ① EXISTING HMA SHOULDER
- ② EXISTING PCC SHOULDER
- ③ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ④ PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑤ PROP. HMA BINDER COURSE, IL 19.0, N70, 2 1/4"
- ⑥ 12" SLOTTED DRAIN INCLUDING A 4" AGGREGATE BASE COURSE MATERIAL TYPE B
- ⑦ 9" PCC GUTTER

PROPOSED SLOTTED DRAIN GRADES

STATION	I-90 EOP EXISTING	I-90 EDGE SD		SLOTTED DRAIN		I-90 EDGE SD		I-90 EOP EXISTING	NOTES
		EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED		
143+48.0	636.11	635.96				636.01		636.26	BEGIN CONCRETE
143+55.0	636.08	635.92	635.94	635.86	635.88	635.98	635.99	636.27	BEGIN SLOTTED DRAIN
144+00.0	635.89	635.90	635.86	635.71	635.86	635.79	635.92	636.32	
144+50.0	635.92	635.77	635.85	635.76	635.84	635.88	635.92	636.39	
144+94.0	636.05	635.84	635.87	635.73	635.82	635.93	635.92	636.48	1 1/4 DEGREE BAND
145+00.0	636.06	635.84	635.87	635.74	635.81	635.92	635.90	636.49	
145+28.3	636.11	635.98	635.98	635.76	635.80	635.89	635.87	636.49	RECONSTRUCT MANHOLE
145+50.0		636.15		636.04	635.90	636.09	635.98	636.65	
146+00.0		636.29		636.33	636.12	636.35	636.21	636.76	
146+50.0		636.54		636.55	636.35	636.51	636.42	636.81	
147+00.0		636.66		636.64	636.57	636.69	636.62	636.85	
147+50.0		636.87		636.79	636.80	636.83	636.84	636.98	
147+57.3		636.89		636.81	636.83	636.85		637.00	RECONSTRUCT MANHOLE
148+00.0		637.04		636.89	636.90	636.93		637.04	
148+50.0		637.12		637.07	636.98	637.07		637.06	
149+00.0		637.22		637.22	637.06	637.21		637.20	
149+50.0		637.33		637.32	637.14	637.32		637.31	
150+00.0		637.41		637.24	637.22	637.25		637.27	
150+21.0				637.26					RECONSTRUCT MANHOLE

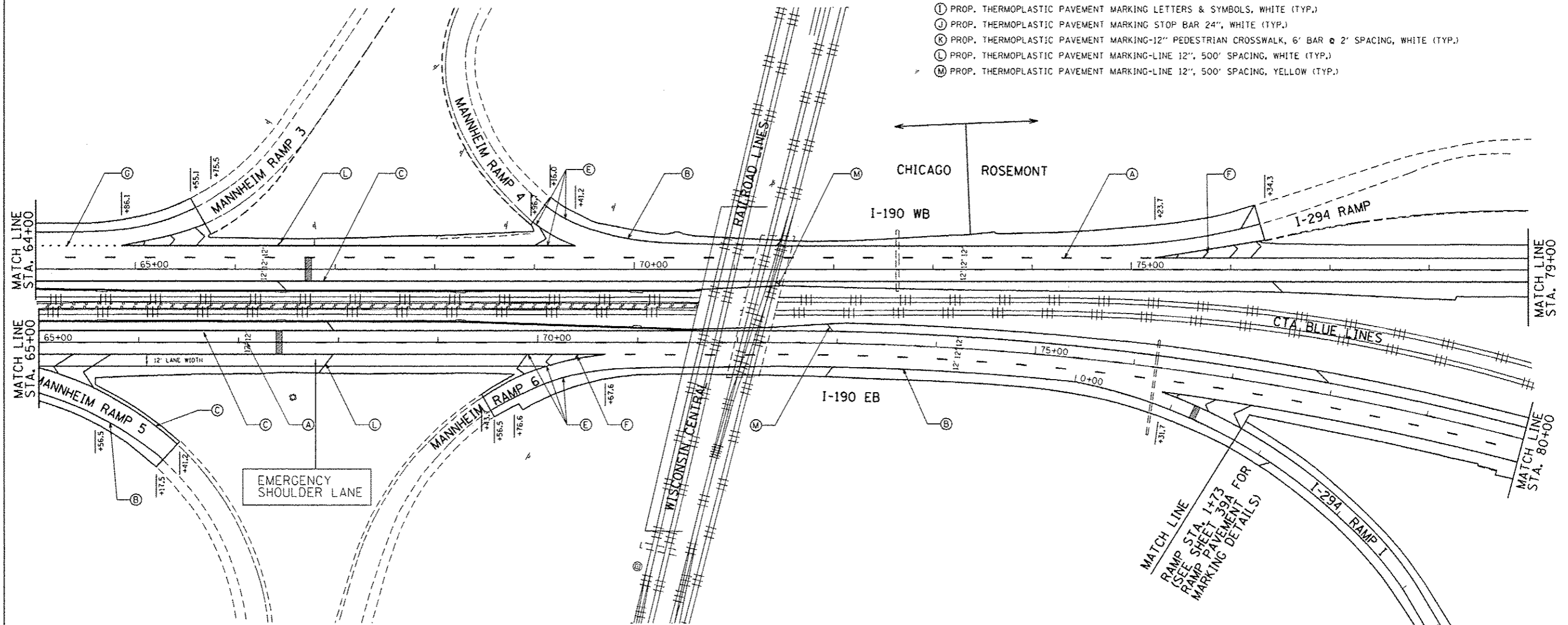
Rev. 1-3-13

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GRAFTECH 1501 E. Higgins Road Suite 200 Chicago, Illinois 60631 1773 395-012	USER NAME = 1485	DESIGNED - EF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 (O'HARE AIRPORT TO I-90) SLOTTED DRAIN DETAILS	P.L.T. RTE. 190	SECTION (O'DI.6 & OI02.SIRS-2)	COUNTY COOK	TOTAL SHEETS 31
	PLOT SCALE = 48.000' / 1" =	CHECKED - RS	REVISED -			SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 60133
	PLOT DATE = 10/15/2012	DATE = 09/21/2012	REVISED -			ILLINOIS FED. AID PROJECT			

LEGEND

- (A) PROP. PREFORMED PLASTIC PAVEMENT MARKING-LINE 5", 10' DASH & 30' SKIP, TYPE B, INLAID, WHITE (TYP.)
- (B) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- (C) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- (D) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", WHITE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- (F) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 45°, 30' SPACING, WHITE (TYP.)
- (G) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 2' DASH & 6' SKIP, WHITE (TYP.)
- (H) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", 3' DASH & 9' SKIP, WHITE (TYP.)
- (I) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- (J) PROP. THERMOPLASTIC PAVEMENT MARKING STOP BAR 24", WHITE (TYP.)
- (K) PROP. THERMOPLASTIC PAVEMENT MARKING-12" PEDESTRIAN CROSSWALK, 6" BAR @ 2' SPACING, WHITE (TYP.)
- (L) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", 500' SPACING, WHITE (TYP.)
- (M) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", 500' SPACING, YELLOW (TYP.)



■ PAVEMENT RELIEF JOINT TO REMAIN

FILE NAME :	USER NAME :	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
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		DATE -	REVISED -
		-	-

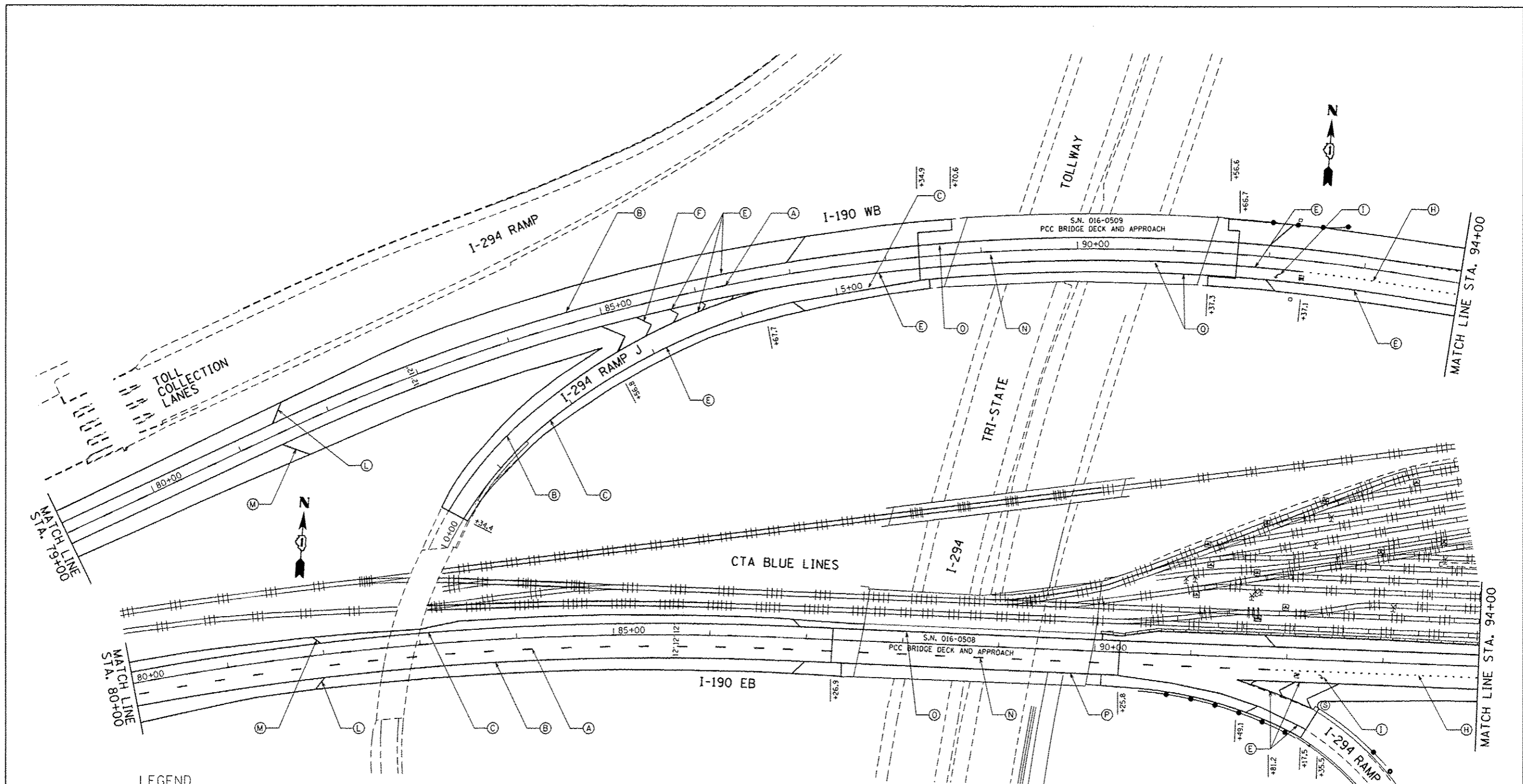
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
I-190 (O'HARE AIRPORT TO I-90)**

SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	(0101.6 & 0102.5)RS-2	COOK	85	34
CONTRACT NO. 60T33			ILLINOIS FED. AID PROJECT	

Rev. Sheet 1-3-13



LEGEND

- | | |
|---|--|
| <ul style="list-style-type: none"> (A) PROP. PREFORMED PLASTIC PAVEMENT MARKING-LINE 5", 10' DASH & 30' SKIP, TYPE B. INLAID, WHITE (TYP.) (B) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.) (C) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.) (D) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", WHITE (TYP.) (E) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.) (F) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 45°, 30' SPACING, WHITE (TYP.) (G) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 2' DASH & 6' SKIP, WHITE (TYP.) (H) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", 3' DASH & 9' SKIP, WHITE (TYP.) (I) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.) (J) PROP. THERMOPLASTIC PAVEMENT MARKING STOP BAR 24", WHITE (TYP.) | <ul style="list-style-type: none"> (K) PROP. THERMOPLASTIC PAVEMENT MARKING-12" PEDESTRIAN CROSSWALK, 6' BAR @ 2' SPACING, WHITE (TYP.) (L) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", 500' SPACING, WHITE (TYP.) (M) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", 500' SPACING, YELLOW (TYP.) (N) PROP. POLYUREA PAVEMENT MARKING-LINE 5", 30' SPACING, WHITE (TYP.) (O) PROP. POLYUREA PAVEMENT MARKING-LINE 4", WHITE (TYP.) (P) PROP. POLYUREA PAVEMENT MARKING-LINE 4", YELLOW (TYP.) (Q) PROP. POLYUREA PAVEMENT MARKING-LINE 8", WHITE (TYP.) (R) PROP. POLYUREA PAVEMENT MARKING-LINE 4", 2' DASH & 6' SKIP, WHITE (TYP.) (S) PROP. POLYUREA PAVEMENT MARKING-LINE 8", 3' DASH & 9' SKIP, WHITE (TYP.) (T) PROP. POLYUREA PAVEMENT MARKING-LINE 12", 500' SPACING, WHITE (TYP.) (U) PROP. POLYUREA PAVEMENT MARKING-LINE 12", 500' SPACING, YELLOW (TYP.) |
|---|--|

FILE NAME =	USER NAME = phrzascl-	DESIGNED -	REVISED - MR 11/29/12
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	PLOT DATE = 11/29/2012	DATE -	REVISED -

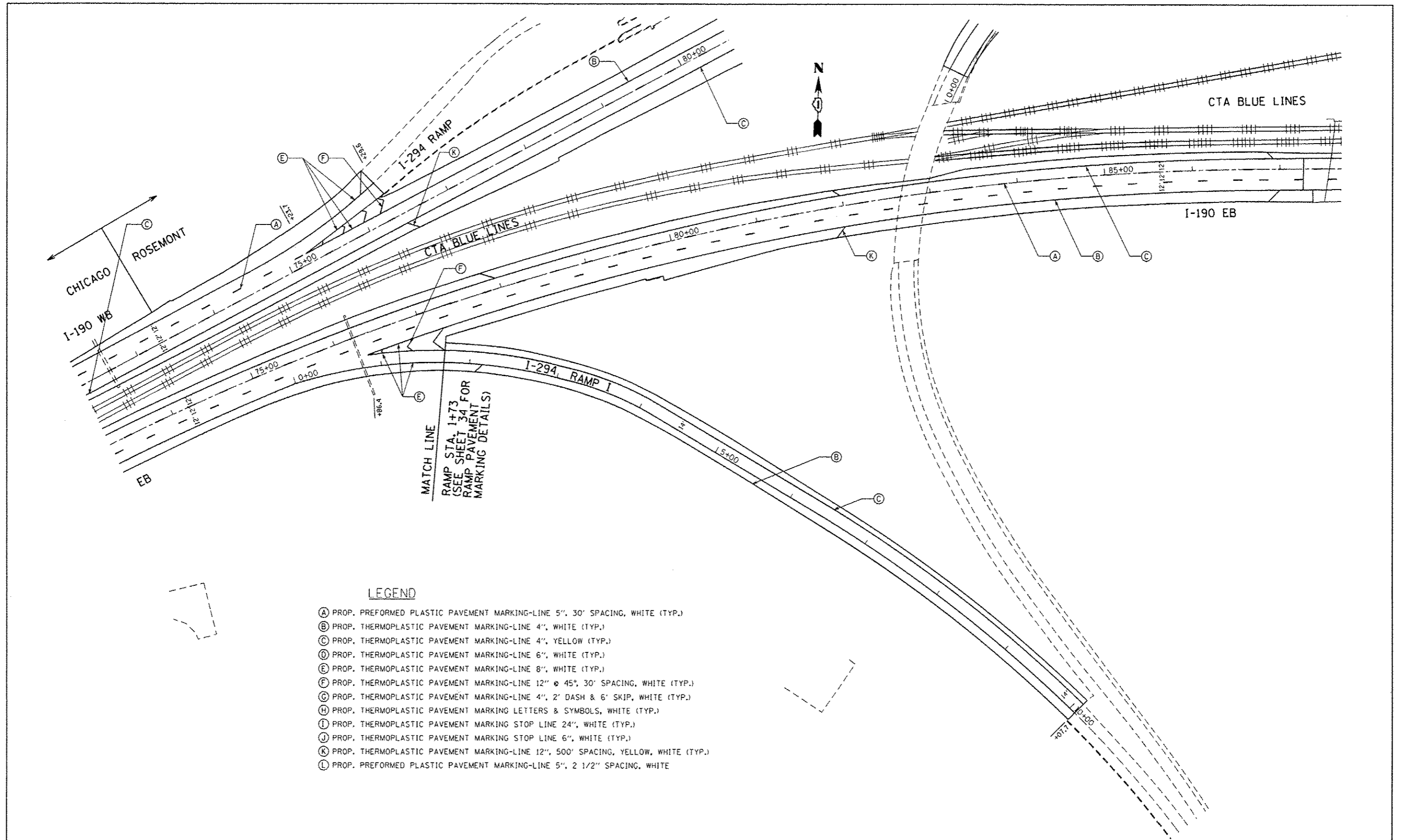
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
I-190 (O'HARE AIRPORT TO I-90)**

SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	0101.6 & 0102.5IRS-2	COOK	85	35
CONTRACT NO. 60T33			ILLINOIS FED. AID PROJECT	

Rev. Sheet 1-3-13



MATCH LINE
RAMP STA. 1+73
(SEE SHEET 34 FOR
RAMP PAVEMENT
MARKING DETAILS)

LEGEND

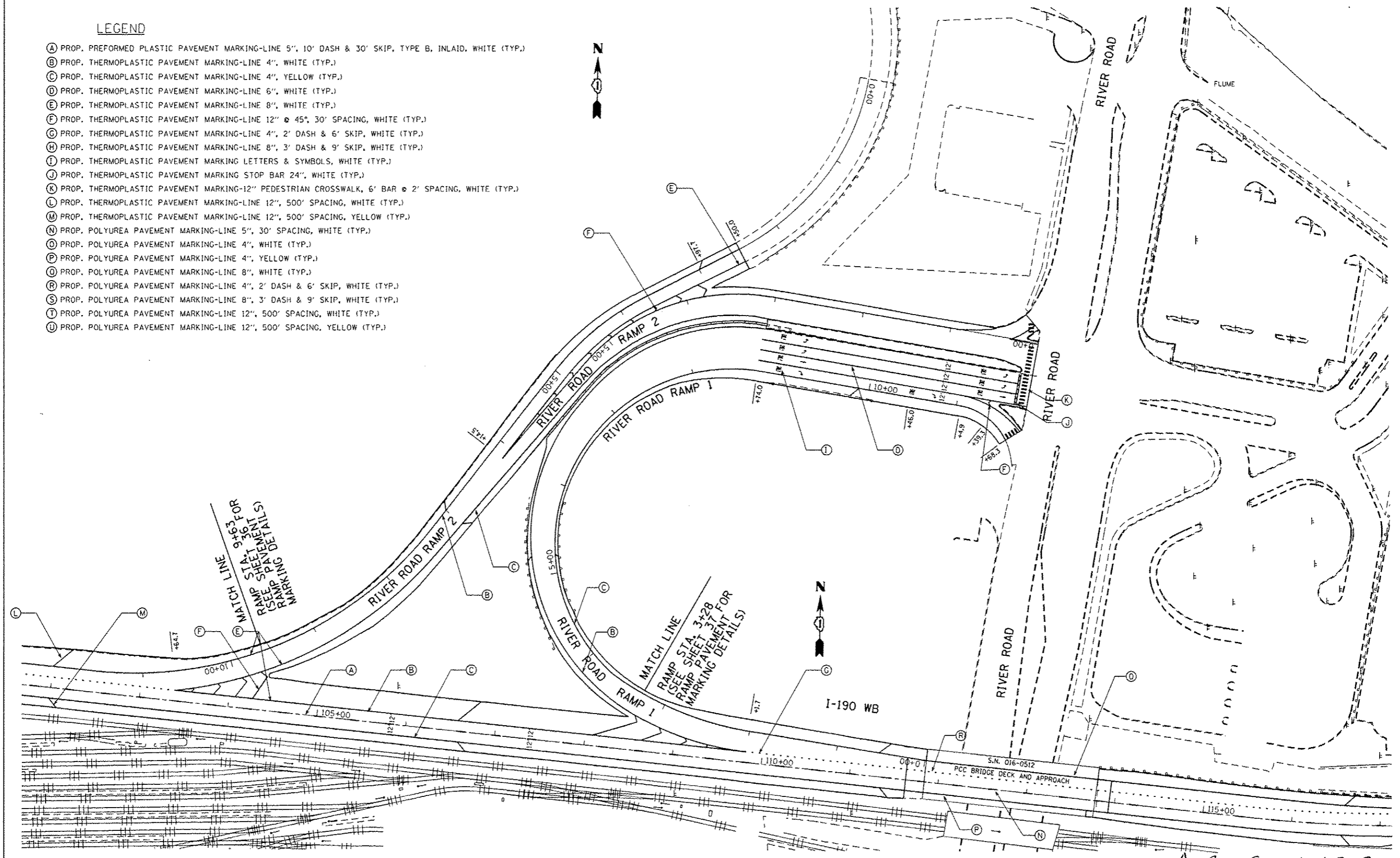
- (A) PROP. PREFORMED PLASTIC PAVEMENT MARKING-LINE 5", 30' SPACING, WHITE (TYP.)
- (B) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- (C) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- (D) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", WHITE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- (F) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 45°, 30' SPACING, WHITE (TYP.)
- (G) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 2' DASH & 6' SKIP, WHITE (TYP.)
- (H) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- (I) PROP. THERMOPLASTIC PAVEMENT MARKING STOP LINE 24", WHITE (TYP.)
- (J) PROP. THERMOPLASTIC PAVEMENT MARKING STOP LINE 6", WHITE (TYP.)
- (K) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", 500' SPACING, YELLOW, WHITE (TYP.)
- (L) PROP. PREFORMED PLASTIC PAVEMENT MARKING-LINE 5", 2 1/2" SPACING, WHITE

Added Sheet 1-3-13

FILE NAME :	USER NAME : chrzosciv	DESIGNED -	REVISED - LC 11/29/12	STATE OF ILLINOIS	PAVEMENT MARKING PLAN I-190 (O'HARE AIRPORT TO I-90)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\chrzosciv\d0299718\012\12-sht-pmk2.dgn	DRAWN -	REVISED -	190			(0101.6 & 0102.5)RS-2	COOK	85	39A	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 60733				
PLOT DATE = 11/29/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

LEGEND

- (A) PROP. PREFORMED PLASTIC PAVEMENT MARKING-LINE 5", 10' DASH & 30' SKIP, TYPE B, INLAID, WHITE (TYP.)
- (B) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- (C) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- (D) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", WHITE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- (F) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 45°, 30' SPACING, WHITE (TYP.)
- (G) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 2' DASH & 6' SKIP, WHITE (TYP.)
- (H) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", 3' DASH & 9' SKIP, WHITE (TYP.)
- (I) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- (J) PROP. THERMOPLASTIC PAVEMENT MARKING STOP BAR 24", WHITE (TYP.)
- (K) PROP. THERMOPLASTIC PAVEMENT MARKING-12" PEDESTRIAN CROSSWALK, 6' BAR @ 2' SPACING, WHITE (TYP.)
- (L) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", 500' SPACING, WHITE (TYP.)
- (M) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", 500' SPACING, YELLOW (TYP.)
- (N) PROP. POLYUREA PAVEMENT MARKING-LINE 5", 30' SPACING, WHITE (TYP.)
- (O) PROP. POLYUREA PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- (P) PROP. POLYUREA PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- (Q) PROP. POLYUREA PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- (R) PROP. POLYUREA PAVEMENT MARKING-LINE 4", 2' DASH & 6' SKIP, WHITE (TYP.)
- (S) PROP. POLYUREA PAVEMENT MARKING-LINE 8", 3' DASH & 9' SKIP, WHITE (TYP.)
- (T) PROP. POLYUREA PAVEMENT MARKING-LINE 12", 500' SPACING, WHITE (TYP.)
- (U) PROP. POLYUREA PAVEMENT MARKING-LINE 12", 500' SPACING, YELLOW (TYP.)



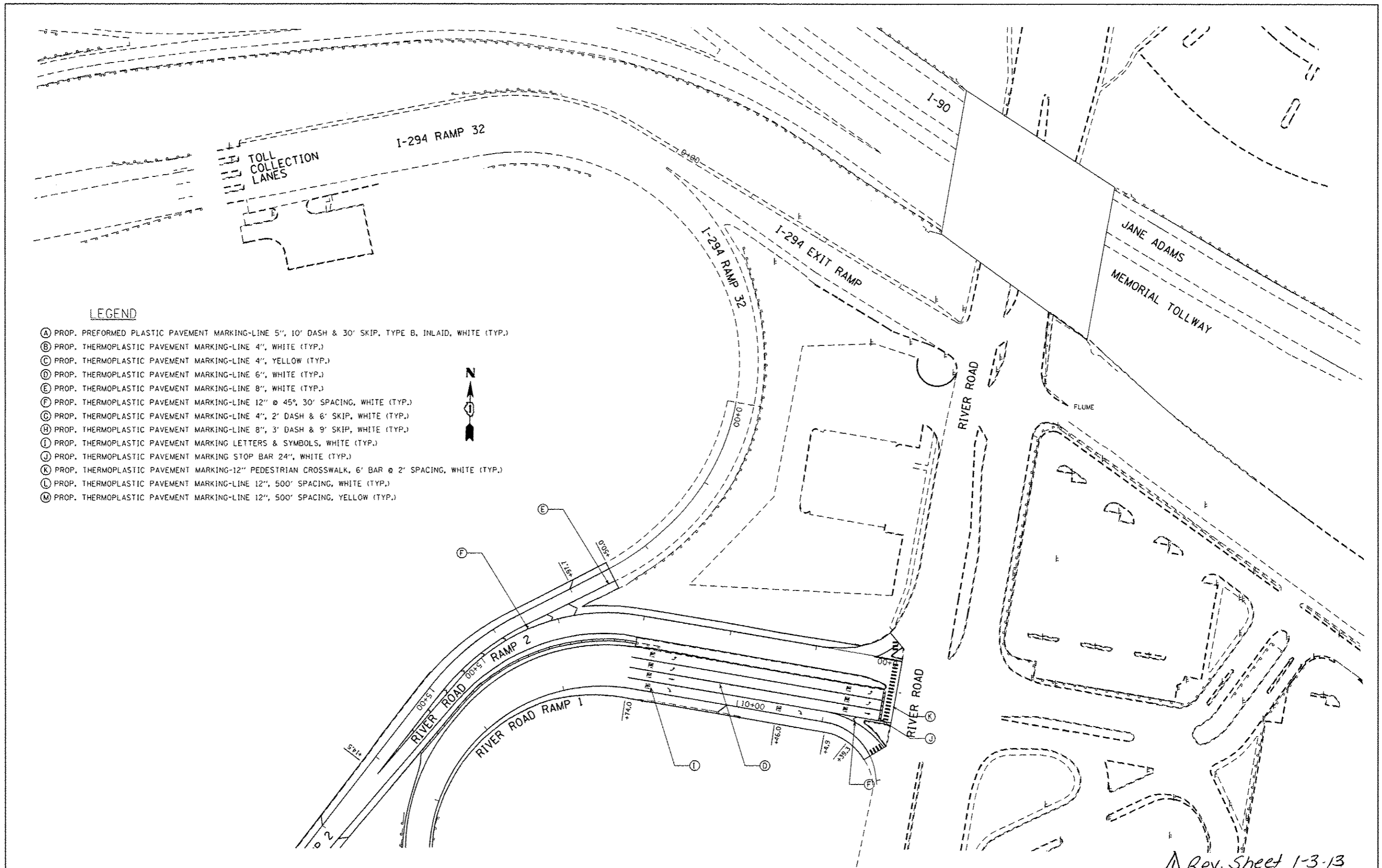
FILE NAME :	USER NAME :	DESIGNED :	REVISED :
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	012-ahtrpmk2.dgn	DRAWN :	REVISED :
		-	-
	PLOT SCALE :	CHECKED :	REVISED :
	1/8" = 100.0000' / 1"	-	-
	PLOT DATE :	DATE :	REVISED :
	11/29/2012	-	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN			
I-190 (O'HARE AIRPORT TO I-90)			
SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	0101.6 & 0102.51RS-2	COOK	85	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T33	

Rev. Sheet 1-3-13



LEGEND

- (A) PROP. PREFORMED PLASTIC PAVEMENT MARKING-LINE 5", 10' DASH & 30' SKIP, TYPE B, INLAID, WHITE (TYP.)
- (B) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- (C) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- (D) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", WHITE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- (F) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 45°, 30' SPACING, WHITE (TYP.)
- (G) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 2' DASH & 6' SKIP, WHITE (TYP.)
- (H) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", 3' DASH & 9' SKIP, WHITE (TYP.)
- (I) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
- (J) PROP. THERMOPLASTIC PAVEMENT MARKING STOP BAR 24", WHITE (TYP.)
- (K) PROP. THERMOPLASTIC PAVEMENT MARKING-12" PEDESTRIAN CROSSWALK, 6' BAR @ 2' SPACING, WHITE (TYP.)
- (L) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", 500' SPACING, WHITE (TYP.)
- (M) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", 500' SPACING, YELLOW (TYP.)



Rev. Sheet 1-3-13

FILE NAME : c:\p\work\p\ridot\chrzescr\d0299718\0132812*shl-pmk2.dgn	USER NAME : chrzescr	DESIGNED -	REVISED - LC 11/29/12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN I-190 (O'HARE AIRPORT TO I-90)		F.A.M. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE : 100.0000 1/4" = 1'	CHECKED -	REVISED -				190	(0101.6 & 0102.5)RS-2	COOK	85	43
PLOT DATE : 11/29/2012	DATE -	REVISED -		SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 60T33 ILLINOIS FED. AID PROJECT					