

04-22-2016 LETTING ITEM 145  
 FOR INDEX OF SHEETS AND LIST OF STANDARDS, SEE SHEET NO.2

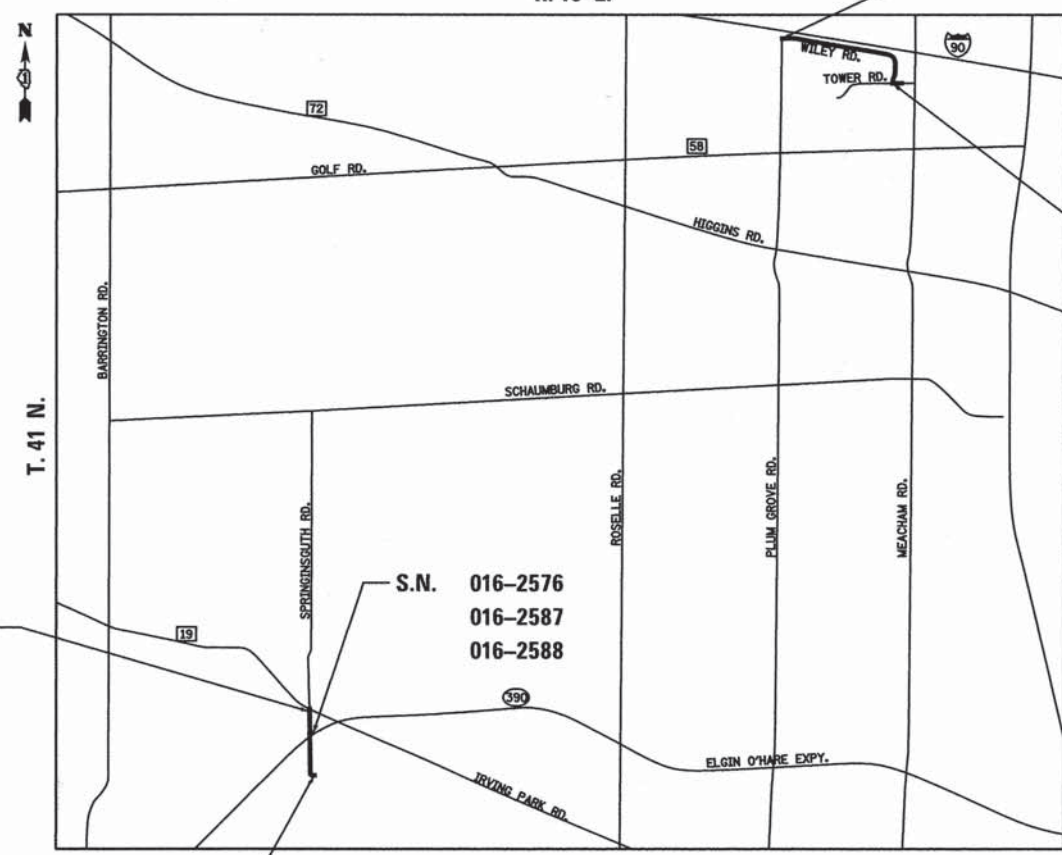
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED  
 FEDERAL AID HIGHWAY**

**FAU 2562 (SPRINGINGGUTH ROAD) FROM METRA STATION TO  
 IRVING PARK ROAD AND FAU 2582 (WILEY ROAD)  
 FROM PLUM GROVE ROAD TO TOWER ROAD  
 RESURFACING**

**SECTION 15-00120-00-RS  
 PROJECT NO. M-4003(688)  
 VILLAGE OF SCHAUMBURG  
 COOK COUNTY  
 C-91-221-16**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2562	15-00120-00-RS	COOK	69	1
ILLINOIS CONTRACT NO. 61C72				



FAU 2562  
 PROJECT ENDS  
 STA. 28 + 67

FAU 2582  
 PROJECT BEGINS  
 STA. 12 + 81

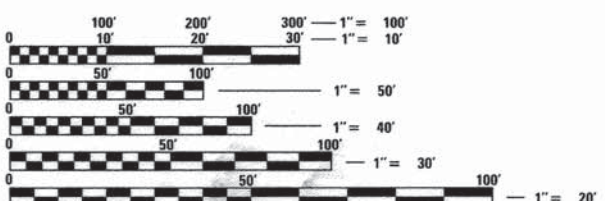
FAU 2582  
 PROJECT ENDS  
 STA. 60 + 51

FAU 2562  
 PROJECT BEGINS  
 STA. 4 + 00

**LOCATION MAP N.T.S.**  
 GROSS LENGTH = 7,235 FEET = 1.370 MILES  
 NET LENGTH = 7,235 FEET = 1.370 MILES

**HIGHWAY CLASSIFICATION**  
**MAJOR COLLECTORS**  
**SPRINGINGGUTH ROAD TRAFFIC DATA**  
 2014 ADT = 11,600  
 POSTED SPEED = 30 MPH  
**WILEY ROAD TRAFFIC DATA**  
 2014 ADT = 12,500  
 POSTED SPEED = 30 MPH

PATRICK ENGINEERING INC.  
  
 Michael J. Vasak 1/19/16  
 MICHAEL J. VASAK, P.E.  
 NO. 062-064621  
 EXP. DATE: 11/30/17



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

PATRICK ENGINEERING INC.  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

**CONTRACT NO. 61C72**

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

Approved:   
 DAVID LAWLEY  
 VILLAGE OF SCHAUMBURG / DIRECTOR OF ENGINEERING & PUBLIC WORKS

Passed: FEBRUARY 18, 2016  
  
 CHANDAN MOHIT  
 DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

Releasing for Bid Based on Limited Review: FEBRUARY 18, 2016  
  
 JOHN P. FITTMAN  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

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

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, PE, PTOE 847-705-4021 SCHAUMBURG, IL



**GENERAL NOTES**

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 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 AND THE VILLAGE OF SCHAUMBURG.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNER OF ALL EXISTING UTILITY FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS.

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES, AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE.

THE CONTRACTOR SHALL VERIFY THE INVERTS OF ALL EXISTING AND PROPOSED CULVERTS OR STORM SEWER PRIOR TO CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR VILLAGE. THIS WORK SHALL BE AT THE CONTRACTORS EXPENSE.

WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE VILLAGE AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER.

ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS, AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.

WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 40 MPH (80 KM/HR) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80KM/HR). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES IN ORDER THAT THESE LOCATIONS CAN BE REESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

ALL PAVEMENT PATCHING LOCATIONS WILL BE CONFIRMED IN THE FIELD BY THE ENGINEER.

DRAINAGE AND UTILITY ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE CONFIRMED IN THE FIELD BY THE ENGINEER.

LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REPLACEMENT WILL BE CONFIRMED IN THE FIELD BY THE ENGINEER.

LIMITS OF PROPOSED CURB RAMP RECONSTRUCTION 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.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III AND ITS REMOVAL SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKING AND SHORT TERM PAVEMENT MARKING REMOVAL.

ACCESS: THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION. THE COST TO PROVIDE ACCESS SHALL BE PAID FOR AS TEMPORARY RAMP (SPECIAL).

ALL SAWCUTTING SHALL BE INCLUDED IN THE UNIT COST OF REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.

THE OWNER, THE VILLAGE OF SCHAUMBURG, MARGO KILLIAN - CIVIL ENGINEER (847) 923-6652, 714 PLUM GROVE ROAD SCHAUMBURG, IL 60193 SHALL BE NOTIFIED IN WRITING AT LEAST THREE FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

NEW CURB FLAG THICKNESS SHALL BE 15 INCHES.

ALL EXISTING PAVEMENT OR SIDEWALK DAMAGED BY THE CONTRACTOR DURING THE CONSTRUCTION SHALL BE REPLACED/REPAIRED BY THE CONTRACTOR AT THEIR OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER WITH NO ADDITIONAL COMPENSATION TO THE CONTRACTOR.

THE CONTRACTOR IS TO ENSURE THAT ALL CRACKS, JOINTS, AND FLANGWAYS ARE CLEAN AND DRY PRIOR TO PLACEMENT OF MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS. CLEANING OF CRACKS, JOINTS, AND FLANGWAYS SHALL BE INCLUDED IN THE COST OF MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS.

**ADA RAMP NOTES:**

PRIOR TO PLACING CONCRETE FOR DEPRESSED CURBS, RAMPS, OR SIDEWALKS THE CONTRACTOR SHALL VERIFY THAT LAYOUT OR DESIGN COMPLIES WITH THE REQUIREMENTS OF THE APPLICABLE HIGHWAY STANDARDS.

CONCRETE CURB, TYPE B, WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH.

THE MAXIMUM ALLOWABLE RAMP RUNNING SLOPE IS 1:14, MEASURED AT ANY PORTION OF THE RAMP. THE MAXIMUM ALLOWABLE RAMP CROSS SLOPE IS 1:64, MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED.

THE MAXIMUM ALLOWABLE RAMP LANDING SLOPE IS 1:64, MEASURED AT ANY LOCATION AND IN ANY DIRECTION ON THE LANDING. THE RAMP LANDING WIDTH SHALL MATCH THE FULL WIDTH OF THE RAMP FOR A MINIMUM UNOBSTRUCTED DEPTH OF 4'-0". RAMP LANDINGS SHALL BE PROVIDED AT THE TOP AND/OR BOTTOM OF RAMPS WHERE TURNING IS REQUIRED.

RAMP SIDE FLARES SHALL BE INSTALLED AT ANY LOCATION WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS INTENDED FOR PEDESTRIAN USE. TRIPPING HAZARDS, INCLUDING STEPS, DROP-OFFS, OR CURBS SHALL NOT BE LOCATED WITHIN THE LIMITS OF THE SIDEWALK. RAMP SIDE FLARES ARE NOT REQUIRED WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS LANDSCAPED OR IS OCCUPIED BY A BARRIER THAT BLOCKS PEDESTRIAN ACCESS. EXCEPTIONS TO THIS RULE MAY BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

UTILITIES, SUCH AS LIGHT POLES, TRAFFIC POLES AND HYDRANTS, MAY BE LOCATED IN THE FLARE OF THE RAMP BUT ARE NOT ALLOWED ON THE RAMP SURFACE OR LANDING AREAS. EXISTING UTILITY STRUCTURE LIDS MAY REMAIN WITHIN THE FLARE OR ON THE SURFACE OF THE RAMP AS LONG AS NO VERTICAL LEVEL DIFFERENCES BETWEEN SURFACES ARE GREATER THAN 1/4".

ALTERATIONS SHALL NOT DECREASE THE ACCESSIBILITY TO EXISTING FACILITIES, SIDEWALKS LEADING TO EXISTING FACILITIES, OR DOOR OR GATE ACCESS POINTS TO FACILITIES. THE ELEVATION AT THE EXISTING PROPERTY LINE OR FACILITY ACCESS POINT SHALL BE MAINTAINED AT A MINIMUM. ANY ALTERATIONS ADJACENT TO OR AFFECTING A FACILITY ACCESS POINT SHALL RESULT IN IMPROVED ACCESS OR AT A MINIMUM A REPLICATION OF EXISTING CONDITIONS, INCLUDING SIDEWALK SLOPES AND SURFACE CONDITIONS. FACILITIES INCLUDE, BUT ARE NOT LIMITED TO PRIVATE BUSINESSES, PUBLIC BUILDINGS, RESIDENCES, BUS STOPS, PUBLIC BENCHES, PAY PHONES, AND PARKING METERS.

THE MINIMUM CROSSWALK WIDTH IS 6'-0". CROSSWALKS SHALL BE LOCATED AS SHOWN IN THE PLAN SHEETS DEPENDING ON THE TYPE OF CURB RAMP USED. BEYOND THE CURB FACE AT THE BASE OF CURB RAMPS, A CLEAR SPACE OF 4'-0" BY 4'-0" MINIMUM SHALL BE PROVIDED WITHIN THE STRIPES OF THE CROSSWALK (WHERE PROVIDED).

THE REMOVAL OF EXISTING DETECTABLE WARNINGS SHALL BE INCLUDED IN THE COST OF SIDEWALK REMOVAL.

**MAINTENANCE OF TRAFFIC GENERAL NOTES:**

THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. NO ADDITIONAL COMPENSATION SHALL BE DUE TO THE CONTRACTOR IF A MODIFIED PLAN IS PROPOSED.

THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE TO THE STAGING PLANS.

ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

THE CONTRACTOR SHALL PLACE A CHANGEABLE MESSAGE SIGN AT THE BEGINNING OF THE PROJECT AND THE END OF THE PROJECT. THE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION SHALL BE IN PLACE TWO WEEKS BEFORE START OF CONSTRUCTION ACTIVITY. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR "CHANGEABLE MESSAGE SIGN".

ANY SAW CUTTING OF THE EXISTING PAVEMENT FOR STAGE CONSTRUCTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR "PAVEMENT REMOVAL"

TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION WITHIN TWO HOURS FROM THE TIME OF NOTIFICATION.

ALL TEMPORARY PAVEMENT MARKINGS PROPOSED WITHIN THE WORK AREA SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION PHASE CHANGE.

DROP-OFF IN THE WORK ZONE ADJACENT TO THE EDGE OF TRAVELED WAY MUST NOT EXCEED 24 INCHES FOR A PERIOD LONGER THEN 96 HOURS.

**STANDARDS**


000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
604001-04	FRAME AND LIDS TYPE 1
604056-04	FRAME AND GRATE TYPE 11V
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF ROAD MOVING OPERATIONS. 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701427-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH
701501-06	URBAN, LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

**DISTRICT ONE DETAILS**

BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)
BD-02	DRIVEWAY DETAL - DISTANCE BETWEEN R.O.W AND FACE OF CURB LESS THAN 15' (4.5M)
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING
TS-05	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS (SHEET 2)
TS-07	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

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4-8	TYPICAL SECTIONS
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14-23	WILEY ROAD RESURFACING/RECONSTRUCTION PLAN
24-29	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
30-36	SIDEWALK CURB RAMP DETAILS
37	JOINTING PLAN
38-42	SPRINGSGUTH ROAD PAVEMENT MARKING PLAN
43-52	WILEY ROAD PAVEMENT MARKING PLAN
53-66	DISTRICT ONE DETAILS
67-69	RECONSTRUCTION CROSS SECTIONS

 <p>PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com</p>	USER NAME = mvosak(Rdwy_Lisle) PLOT CONFIG = PDF(Greg_Large).plt PLOT SCALE = 1:500 PLOT DATE = 2/5/2016	DESIGNED - MAP DRAWN - MAP CHECKED - MJV DATE - 1/25/2016	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>				<b>GENERAL NOTES AND STANDARDS</b>				F.A.U. RTE. 2562 2582	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 2	CONTRACT NO. 61C72
					SCALE: N/A	SHEET	GN-01 OF 1	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					
	G:\Schaumburg-Village\21577.071_Resurfacing Design Projects\Drawings\Sheet\GeneralNotes_Schaumburg.dgn																



SUMMARY OF QUANTITIES				SPRINGINSGUTH ROAD RDWY 0005 80% FED 20% LOCAL	WILEY ROAD / TOWER ROAD RDWY 0005 80% FED 20% LOCAL
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.		
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	18	9	9
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	18	9	9
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	18	9	9
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,165	10	2,155
20800150	TRENCH BACKFILL	CU YD	3	0	3
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	968	484	484
25000110	SEEDING, CLASS 1A	ACRE	0.2	0.1	0.1
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	210	70	140
28000510	INLET FILTERS	EACH	58	32	26
30300118	AGGREGATE SUBGRADE IMPROVEMENT 18"	SQ YD	4,146	0	4,146
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	516	466	50
35501312	HOT-MIX ASPHALT BASE COURSE, 7"	SQ YD	2,441	0	2,441
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	22,923	10,462	12,461
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	50	24	26
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	200	173	27
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	5,821	2,585	3,236
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	227	227	0
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3,903	1,743	2,160
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	1,250	0	1,250
42001100	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	62	0	62
42001300	PROTECTIVE COAT	SQ YD	2,776	470	2,306
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	556	49	507
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3,028	2,578	450
42400800	DETECTABLE WARNINGS	SQ FT	248	248	0
44000100	PAVEMENT REMOVAL	SQ YD	3,716	0	3,716
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	1,125	1,125	0
44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 5"	SQ YD	32,198	15,383	16,815
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	556	49	507
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,762	1,195	2,567
44000600	SIDEWALK REMOVAL	SQ FT	2,237	1,787	450
44201729	CLASS D PATCHES, TYPE II, 7 INCH	SQ YD	148	77	71
44201733	CLASS D PATCHES, TYPE III, 7 INCH	SQ YD	150	33	117
44201735	CLASS D PATCHES, TYPE IV, 7 INCH	SQ YD	621	84	537
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	19	0	19
55100500	STORM SEWER REMOVAL 12"	FOOT	19	0	19
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	0	1
60251500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	4	0	4
60251520	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11V FRAME AND GRATE	EACH	9	0	9
60255500	MANHOLES TO BE ADJUSTED	EACH	5	0	5
60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	5	0	5

\* DENOTES SPECIALTY ITEM

\* DENOTES SPECIAL PROVISION

PENTABLE = #PENTBLAS

**PATRICK ENGINEERING**  
 PATRICK ENGINEERING INC.  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = mvosak(Rdwy_L1s1e)	DESIGNED - MJV	REVISED -
PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - MJV	REVISED -
PLOT SCALE = 1:50	CHECKED - JJC	REVISED -
PLOT DATE = 2/9/2016	DATE - 1/25/2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: N/A SHEET NO. S00-1 OF 2 STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2562	15-00120-00-RS	COOK	69	3
2582	CONTRACT NO. 61C72			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				




SUMMARY OF QUANTITIES				SPRINGINSGUTH ROAD RDWY 0005 80% FED 20% LOCAL	WILEY ROAD / TOWER ROAD RDWY 0005 80% FED 20% LOCAL
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.		
60261320	INLETS TO BE ADJUSTED WITH NEW TYPE 11V FRAME AND GRATE	EACH	8	0	8
60500050	REMOVING CATCH BASINS	EACH	1	0	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,423	19	2,404
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,299	1,176	123
# 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	10	10	
67100100	MOBILIZATION	LSUM	1	0.4	0.6
# 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	16	8	8
# 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,442	1,862	2,580
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	7,256	1,862	5,394
# 70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	275	0	275
# 70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	6,565	0	6,565
# 70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	380	0	380
# 70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	236	0	236
# 70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	45	0	45
# 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	438	292	146
# 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16,749	7,138	9,611
# 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,695	1,466	229
# 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	104	0	104
# 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,036	1,951	85
# 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	215	188	27
# 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	110	0	110
# 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	770	0	770
# 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	290	0	290
# 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	130	0	130
# 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	213	0	213
78300100	PAVEMENT MARKING REMOVAL	SQ FT	777	0	777
# 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	172	50	122
#* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	643	643	0
* X0327036	BIKE PATH REMOVAL	SQ YD	237	237	0
* X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	430	79	351
* X6026052	SANITARY MANHOLES FRAME AND ADJUSTMENT SEALING	EACH	5	0	5
* X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	31	7	24
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	0.4	0.6
#* X8900040	MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	0	1
* XX006571	REMOVE AND REPLACE BOLLARDS	EACH	3	3	0
#* XX008910	PAVEMENT MARKING (SPECIAL)	SQ FT	1,122	1,122	0
* Z0013798	CONSTRUCTION LAYOUT	LSUM	1	0.4	0.6
* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	110	52	58
Δ* Z0076600	TRAINEES	HOUR	500	200	300
Δ* Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	200	300

\* DENOTES SPECIALTY ITEM

\* DENOTES SPECIAL PROVISION

Δ 0042

PENTABLE = #REVISED#

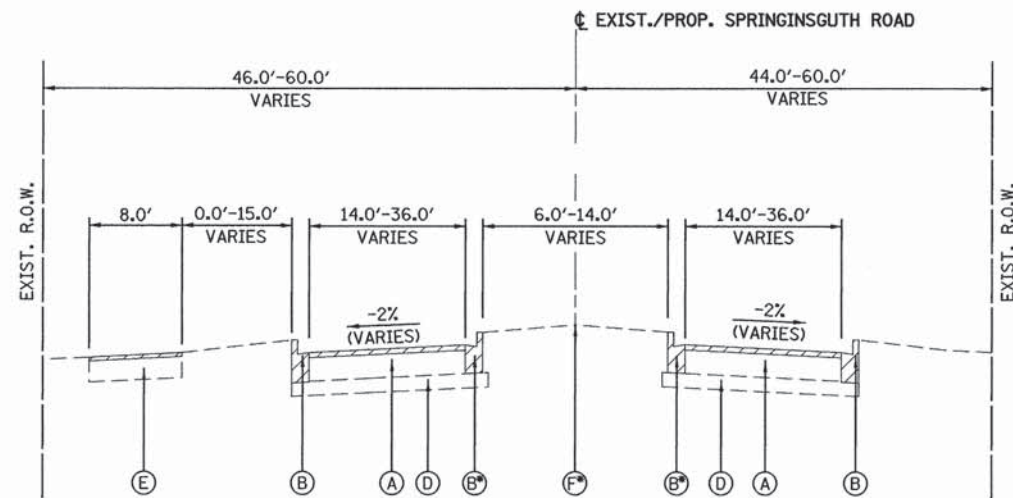
 <b>PATRICK ENGINEERING</b> PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvasok(Rdwy_Lisle)	DESIGNED - MJV	REVISED -
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	PLOT DATE = 2/9/2016	DATE - 1/25/2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET NO. 500-2 OF 2	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2584	15-00120-00-RS	COOK	69	4
2582	CONTRACT NO. 61C72			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

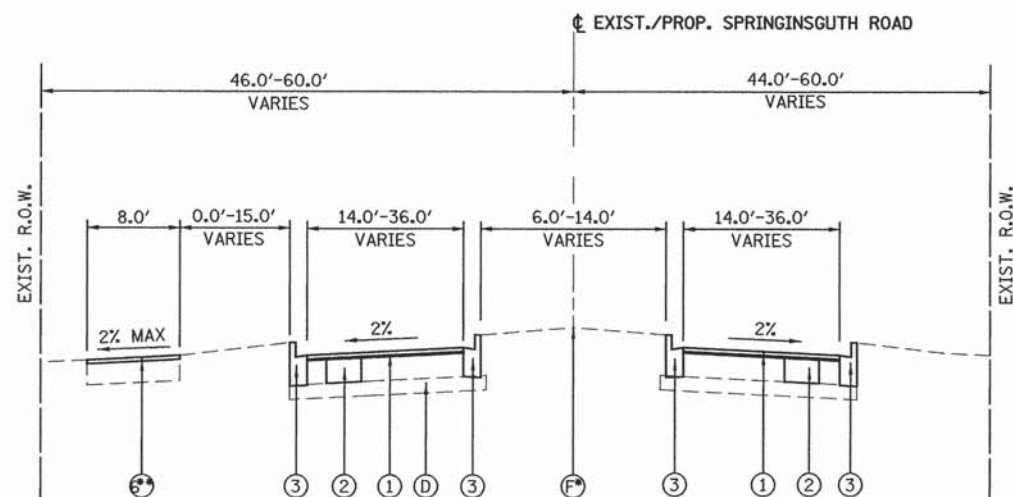




**EXISTING TYPICAL SECTION**

STA. 4+12.19 TO STA. 28+66.62  
SPRINGINGSGUTH ROAD

\* MEDIAN OMISSION FROM STA. 13+05.78 TO STA. 16+02.45  
AND FROM STA. 23+35.49 TO STA. 28+42.04



**PROPOSED TYPICAL SECTION**

STA. 4+12.19 TO STA. 28+66.62  
SPRINGINGSGUTH ROAD

\* MEDIAN OMISSION FROM STA. 13+05.78 TO STA. 16+02.45  
AND FROM STA. 23+35.49 TO STA. 28+42.04

\*\* RESURFACE MULTI-USE PATH FROM STA. 5+25.11 TO STA. 15+04.67  
AND FROM STA. 22+56.70 TO STA. 29+00.00  
(SPOT MULT-USE PATH RECONSTRUCTION AS SHOWN IN SIDEWALK CURB RAMP DETAILS)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS MIXTURE TYPE	AIR VOIDS & NDES
<b>RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5 MM)	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR.
<b>WIDENING AND RECONSTRUCTION</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5 MM)	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR.
HMA BASE COURSE (HMA BINDER IL-19 MM); 7"	4% @ 50 GYR.
<b>PATCHING</b>	
CLASS D PATCHES (HMA BINDER IL-19 MM)	4% @ 70 GYR.
<b>MULTI-USE PATH</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL 9.5 MM)	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD / IN.

THE "AC TYPE" FOR ALL POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG64-22" UNLESS MODIFIED BY THE DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIAL, SEE SPECIAL PROVISIONS.

**LEGEND:**

- (A) - EXISTING HMA PAVEMENT
- (B) - EXISTING B-6.12 CURB AND GUTTER
- (C) - EXISTING B-6.24 CURB AND GUTTER
- (D) - EXISTING AGGREGATE BASE
- (E) - EXISTING HMA MULTI-USE PATH
- (F) - EXISTING LANDSCAPED MEDIAN
- (G) - PAVEMENT REMOVAL
- (1) - HOT-MIX ASPHALT SURFACE REMOVAL, 5" (44000169)  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (2") (40603340)  
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (3") (40603085)
- (2) - CLASS D PATCHES, TYPE II, 7 INCH (44201729) OR  
CLASS D PATCHES, TYPE III, 7 INCH (44201733) OR  
CLASS D PATCHES, TYPE IV, 7 INCH (44201735) (SEE NOTES 1 AND 2)
- (3) - COMBINATION CURB AND GUTTER REMOVAL (44000500) (SEE NOTES 2 AND 3)  
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)  
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
- (4) - PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (42000500)
- (5) - AGGREGATE SUBGRADE IMPROVEMENT, 18" (30300118)
- (6) - HOT-MIX ASPHALT SURFACE REMOVAL, 3" (44000161)  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3" (40603335)
- (7) - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" (40603335)  
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (3") (40603085)
- (8) - HOT-MIX ASPHALT BASE COURSE, 7" (35501312)
- (9) - SIDEWALK REMOVAL (44000600)  
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)  
AGGREGATE BASE COURSE, TYPE B 6" (35101800)

- REMOVAL ITEM (SEE NOTES 1 AND 2)

**NOTES**

1. PAVEMENT MILLING TO BE DONE PRIOR TO PAVEMENT PATCHING.
2. COMBINATION CURB AND GUTTER REMOVAL AND PAVEMENT PATCHING TO BE DONE AT LOCATIONS AS SHOWN ON PLANS AND CONFIRMED BY THE ENGINEER
3. COMBINATION CURB AND GUTTER SHALL BE REPLACED WITH SAME TYPE AS REMOVED.

**PATRICK ENGINEERING**  
4970 VARSITY DRIVE  
LISLE, IL 60532  
patrickengineering.com

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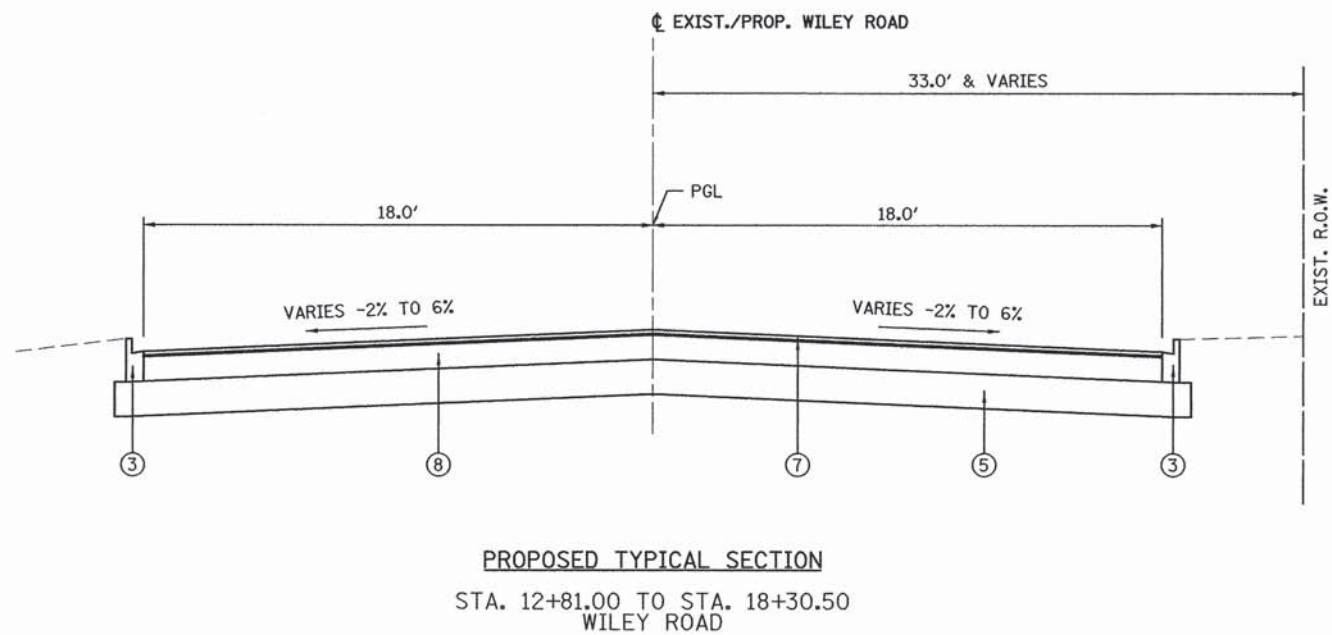
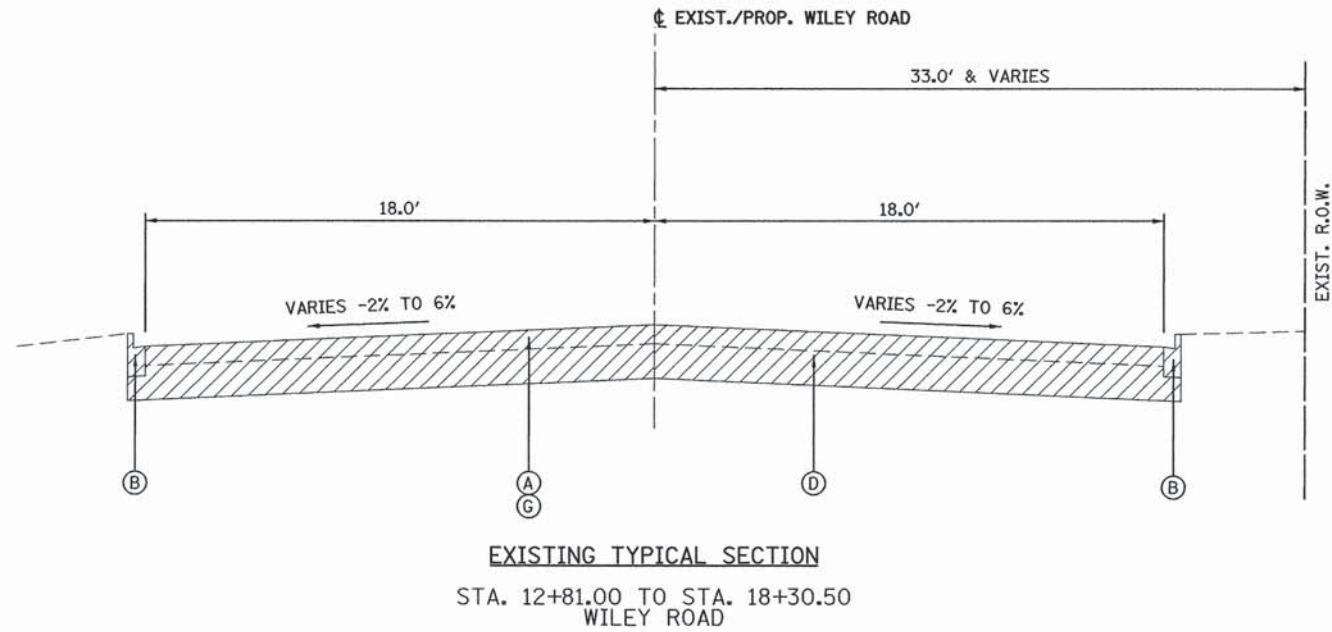
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SPRINGINGSGUTH ROAD FROM METRA ENTRANCE TO IRVING PARK ROAD  
RESURFACING TYPICAL SECTIONS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2562	15-00120-00-RS	COOK	69	5
CONTRACT NO. 61C72				

SCALE: N/A SHEET TYP-01 OF 4 STA. TO STA.





**LEGEND:**

- (A) - EXISTING HMA PAVEMENT
- (B) - EXISTING B-6.12 CURB AND GUTTER
- (C) - EXISTING B-6.24 CURB AND GUTTER
- (D) - EXISTING AGGREGATE BASE
- (E) - EXISTING HMA MULTI-USE PATH
- (F) - EXISTING LANDSCAPED MEDIAN
- (G) - PAVEMENT REMOVAL
- ① - HOT-MIX ASPHALT SURFACE REMOVAL, 5" (44000169)  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (2") (40603340)  
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (3") (40603085)
- ② - CLASS D PATCHES, TYPE II, 7 INCH (44201729) OR  
CLASS D PATCHES, TYPE III, 7 INCH (44201733) OR  
CLASS D PATCHES, TYPE IV, 7 INCH (44201735) (SEE NOTES 1 AND 2)
- ③ - COMBINATION CURB AND GUTTER REMOVAL (44000500) (SEE NOTES 2 AND 3)  
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)  
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
- ④ - PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (42000500)
- ⑤ - AGGREGATE SUBGRADE IMPROVEMENT, 18" (30300118)
- ⑥ - HOT-MIX ASPHALT SURFACE REMOVAL, 3" (44000161)  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3" (40603335)
- ⑦ - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" (40603335)  
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (3") (40603085)
- ⑧ - HOT-MIX ASPHALT BASE COURSE, 7" (35501312)
- ⑨ - SIDEWALK REMOVAL (44000600)  
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)  
AGGREGATE BASE COURSE, TYPE B 6" (35101800)

- REMOVAL ITEM (SEE NOTES 1 AND 2)

**NOTES**

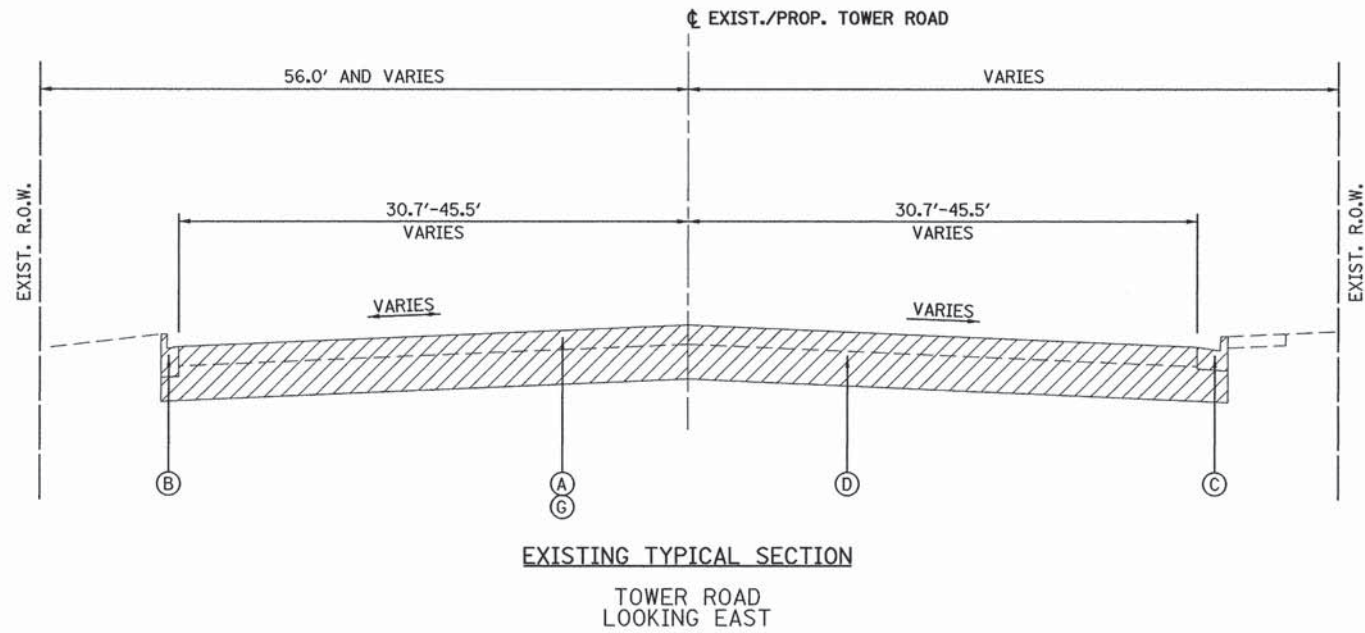
1. PAVEMENT MILLING TO BE DONE PRIOR TO PAVEMENT PATCHING.
2. COMBINATION CURB AND GUTTER REMOVAL AND PAVEMENT PATCHING TO BE DONE AT LOCATIONS AS SHOWN ON PLANS AND CONFIRMED BY THE ENGINEER
3. COMBINATION CURB AND GUTTER SHALL BE REPLACED WITH SAME TYPE AS REMOVED.

<b>PATRICK ENGINEERING</b>	PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvosak(Rdwg-Lisle) PLOT CONFIG = PDF(Grey-Large).plt PLOT SCALE = 1/8.33333 PLOT DATE = 2/5/2016	DESIGNED - MAP DRAWN - MAP CHECKED - MJV DATE - 1/25/2016	REVISED - _____ REVISED - _____ REVISED - _____ REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD RECONSTRUCTION TYPICAL SECTIONS</b>	F.A.U. RTE. 2582	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 6
	SCALE: N/A    SHEET TYP-02 OF 4    STA. TO STA.						FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

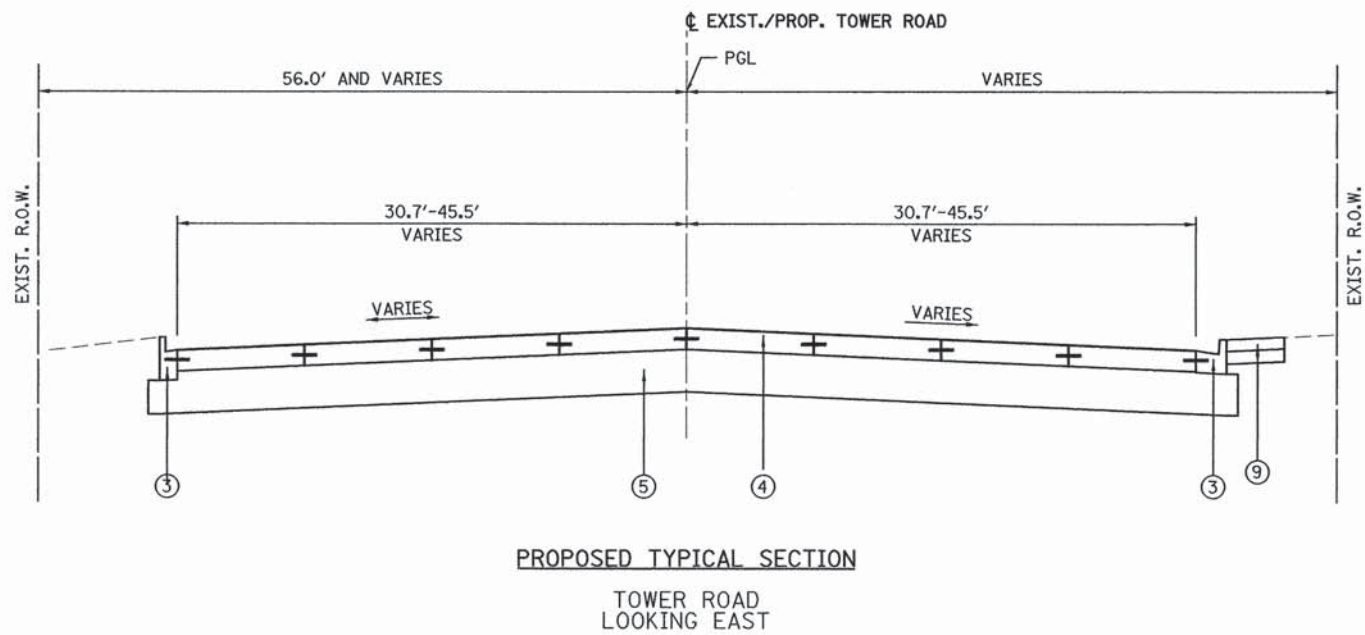








EXISTING TYPICAL SECTION  
TOWER ROAD  
LOOKING EAST



PROPOSED TYPICAL SECTION  
TOWER ROAD  
LOOKING EAST

**LEGEND:**

- (A) - EXISTING HMA PAVEMENT
- (B) - EXISTING B-6.12 CURB AND GUTTER
- (C) - EXISTING B-6.24 CURB AND GUTTER
- (D) - EXISTING AGGREGATE BASE
- (E) - EXISTING HMA MULTI-USE PATH
- (F) - EXISTING LANDSCAPED MEDIAN
- (G) - PAVEMENT REMOVAL
- (1) - HOT-MIX ASPHALT SURFACE REMOVAL, 5" (44000169)  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (2") (40603340)  
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (3") (40603085)
- (2) - CLASS D PATCHES, TYPE II, 7 INCH (44201729) OR  
CLASS D PATCHES, TYPE III, 7 INCH (44201733) OR  
CLASS D PATCHES, TYPE IV, 7 INCH (44201735) (SEE NOTES 1 AND 2)
- (3) - COMBINATION CURB AND GUTTER REMOVAL (44000500) (SEE NOTES 2 AND 3)  
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)  
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
- (4) - PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (42000500)
- (5) - AGGREGATE SUBGRADE IMPROVEMENT, 18" (30300118)
- (6) - HOT-MIX ASPHALT SURFACE REMOVAL, 3" (44000161)  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3" (40603335)
- (7) - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" (40603335)  
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (3") (40603085)
- (8) - HOT-MIX ASPHALT BASE COURSE, 7" (35501312)
- (9) - SIDEWALK REMOVAL (44000600)  
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)  
AGGREGATE BASE COURSE, TYPE B 6" (35101800)

- REMOVAL ITEM (SEE NOTES 1 AND 2)

**NOTES**

1. PAVEMENT MILLING TO BE DONE PRIOR TO PAVEMENT PATCHING.
2. COMBINATION CURB AND GUTTER REMOVAL AND PAVEMENT PATCHING TO BE DONE AT LOCATIONS AS SHOWN ON PLANS AND CONFIRMED BY THE ENGINEER
3. COMBINATION CURB AND GUTTER SHALL BE REPLACED WITH SAME TYPE AS REMOVED.

PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvosak(Rdwg.L1s1e) PLOT CONFIG = PDF(Greg.Large).plt PLOT SCALE = 1:8.33333 PLOT DATE = 2/5/2016	DESIGNED - MAP DRAWN - MAP CHECKED - MJV DATE - 1/25/2016	REVISED - _____ REVISED - _____ REVISED - _____ REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TOWER ROAD TYPICAL SECTIONS</b>			F.A.U. RTE. 2582	SECTION 15-00121-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 8
	SCALE: N/A	SHEET TYP-04 OF 4	STA. TO STA.		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							







CLASS D PATCHES, TYPE III, 7 INCH (44201733)			
NUMBER	STATION	OFFSET	SQ YD
2A	12+17	13 LT	17
TOTAL			17

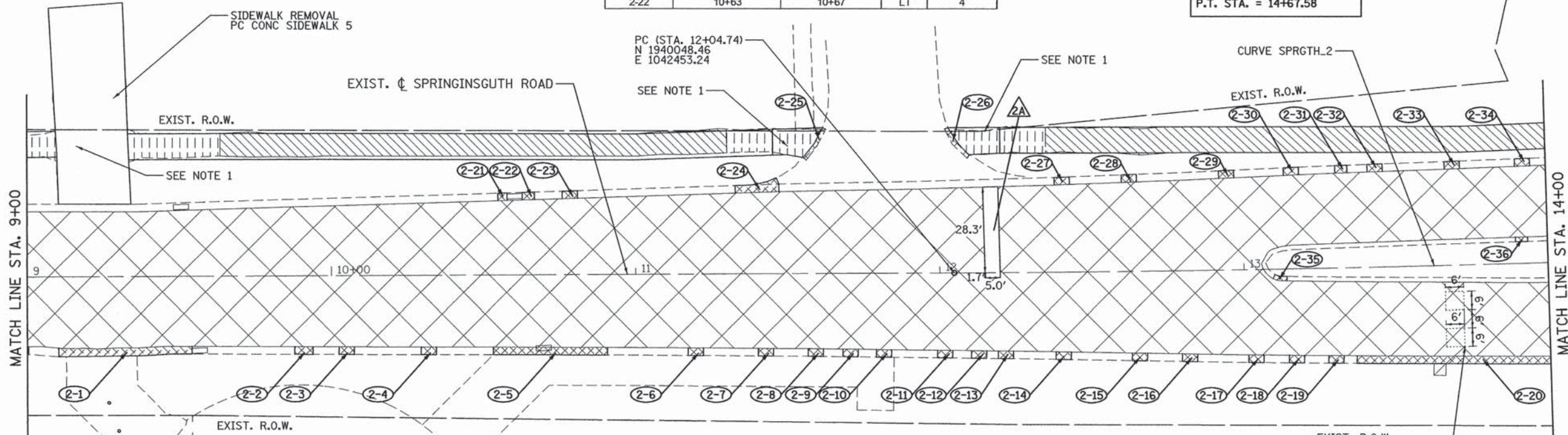
START STATION	END STATION	OFFSET	HOT-MIX ASPHALT SURFACE REMOVAL, 3" (SQ YD)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (TON)
			44000161	40603335
9+00	9+09	LT	0	2
9+34	9+64	LT	0	5
9+64	11+30	LT	138	23
11+30	11+45	LT	0	5
12+20	12+35	LT	0	2
12+35	14+00	LT	155	26
TOTAL:			293	63

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
2-35	13+09	13+14	RT	5
2-36	13+89	13+93	LT	4
TOTAL: 9				





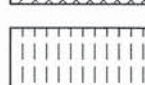
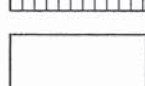



COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
2-1	9+10	9+54	RT	44
2-2	9+88	9+94	RT	6
2-3	10+02	10+07	RT	5
2-4	10+29	10+34	RT	5
2-5	10+53	10+91	RT	38
2-6	11+17	11+22	RT	5
2-7	11+40	11+45	RT	5
2-8	11+57	11+62	RT	5
2-9	11+68	11+73	RT	5
2-10	11+79	11+84	RT	5
2-11	11+99	12+04	RT	5
2-12	12+10	12+15	RT	5
2-13	12+19	12+24	RT	5
2-14	12+38	12+43	RT	5
2-15	12+63	12+68	RT	5
2-16	12+79	12+84	RT	5
2-17	13+01	13+06	RT	5
2-18	13+14	13+19	RT	5
2-19	13+27	13+32	RT	5
2-20	13+37	14+00	RT	63
2-21	10+55	10+58	LT	3
2-22	10+63	10+67	LT	4

2-23	10+76	10+81	LT	5
2-24	11+33	11+47	LT	14
2-25	11+56	11+63	LT	12
2-26	12+02	12+09	LT	11
2-27	12+38	12+43	LT	5
2-28	12+60	12+65	LT	5
2-29	12+92	12+97	LT	5
2-30	13+13	13+19	LT	5
2-31	13+31	13+35	LT	4
2-32	13+41	13+46	LT	5
2-33	13+67	13+72	LT	5
2-34	13+90	13+95	LT	5
TOTAL:				319

EXIST. CURVE SPRGTH.2  
 PI STA. = 13+36.17  
 $\Delta = 1^\circ 58' 19''$  (LT)  
 $D = 0^\circ 45' 01''$   
 $R = 7,637.02'$   
 $T = 131.43'$   
 $L = 262.84'$   
 $E = 1.13'$   
 P.C. STA. = 12+04.74  
 P.T. STA. = 14+67.58



**LEGEND**


-  HMA SURFACE REMOVAL 5"
-  HMA SURFACE COURSE, MIX "D", N70 2"
-  HMA BINDER COURSE, IL-19.0, N70 3"
-  DRIVEWAY PAVEMENT REMOVAL  
PCC DRIVEWAY PAVEMENT, 8"
-  HOT-MIX ASPHALT SURFACE REMOVAL, 3"
-  HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
-  COMBINATION CURB AND GUTTER REMOVAL  
COMBINATION CONCRETE CURB AND GUTTER,  
TYPE B-6.12, TYPE B-6.24
-  BIKE PATH REMOVAL
-  CLASS D PATCHES, TYPE II, 7 INCH  
CLASS D PATCHES, TYPE III, 7 INCH  
CLASS D PATCHES, TYPE IV, 7 INCH

COMBINATION CURB AND GUTTER REMOVAL (44000500)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
2-1	9+10	9+54	RT	44
2-2	9+88	9+94	RT	6
2-3	10+02	10+07	RT	5
2-4	10+29	10+34	RT	5
2-5	10+53	10+91	RT	38
2-6	11+17	11+22	RT	5
2-7	11+40	11+45	RT	5
2-8	11+57	11+62	RT	5
2-9	11+68	11+73	RT	5
2-10	11+79	11+84	RT	5
2-11	11+99	12+04	RT	5
2-12	12+10	12+15	RT	5
2-13	12+19	12+24	RT	5
2-14	12+38	12+43	RT	5
2-15	12+63	12+68	RT	5
2-16	12+79	12+84	RT	5
2-17	13+01	13+06	RT	5
2-18	13+14	13+19	RT	5
2-19	13+27	13+32	RT	5
2-20	13+37	14+00	RT	63
2-21	10+55	10+58	LT	3
2-22	10+63	10+67	LT	4
2-23	10+76	10+81	LT	5
2-24	11+33	11+47	LT	14
2-25	11+56	11+63	LT	12
2-26	12+02	12+09	LT	11
2-27	12+38	12+43	LT	5
2-28	12+60	12+65	LT	5

2-29	12+92	12+97	LT	5
2-30	13+13	13+19	LT	5
2-31	13+31	13+35	LT	4
2-32	13+41	13+46	LT	5
2-33	13+67	13+72	LT	5
2-34	13+90	13+95	LT	5
2-35	13+09	13+14	RT	5
2-36	13+89	13+93	LT	4
TOTAL:				328

START STATION	END STATION	OFFSET	BIKE PATH REMOVAL (SQ YD)	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)
			X0327036	42400200
9+00	9+09	LT	9	0
9+34	9+63	LT	27	0
11+30	11+45	LT	13	0
11+45	11+62	LT	13	122
12+03	12+20	LT	12	122
12+20	12+35	LT	14	0
TOTAL:			88	245

- NOTE:**
- SEE SW 2 AND 3 OF 7 FOR SIDEWALK CURB RAMP DETAILS
  - CURB RAMP WORK SHOWN OUTSIDE OF EXISTING R.O.W. IS ON VILLAGE OF SCHAUMBURG PROPERTY.

 PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvasak(Rdyg_Lisle)	DESIGNED - EJB	REVISED -
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	PLOT DATE = 2/9/2016	DATE = 1/25/2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SPRINGINGUTH ROAD FROM METRA ENTRANCE TO IRVING PARK ROAD  
RESURFACING PLAN**

SCALE: 1"=20' SHEET RDY-02 OF 15 STA. 9+00 TO STA. 14+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2562	15-00120-00-RS	COOK	69	10
CONTRACT NO. 61C72				





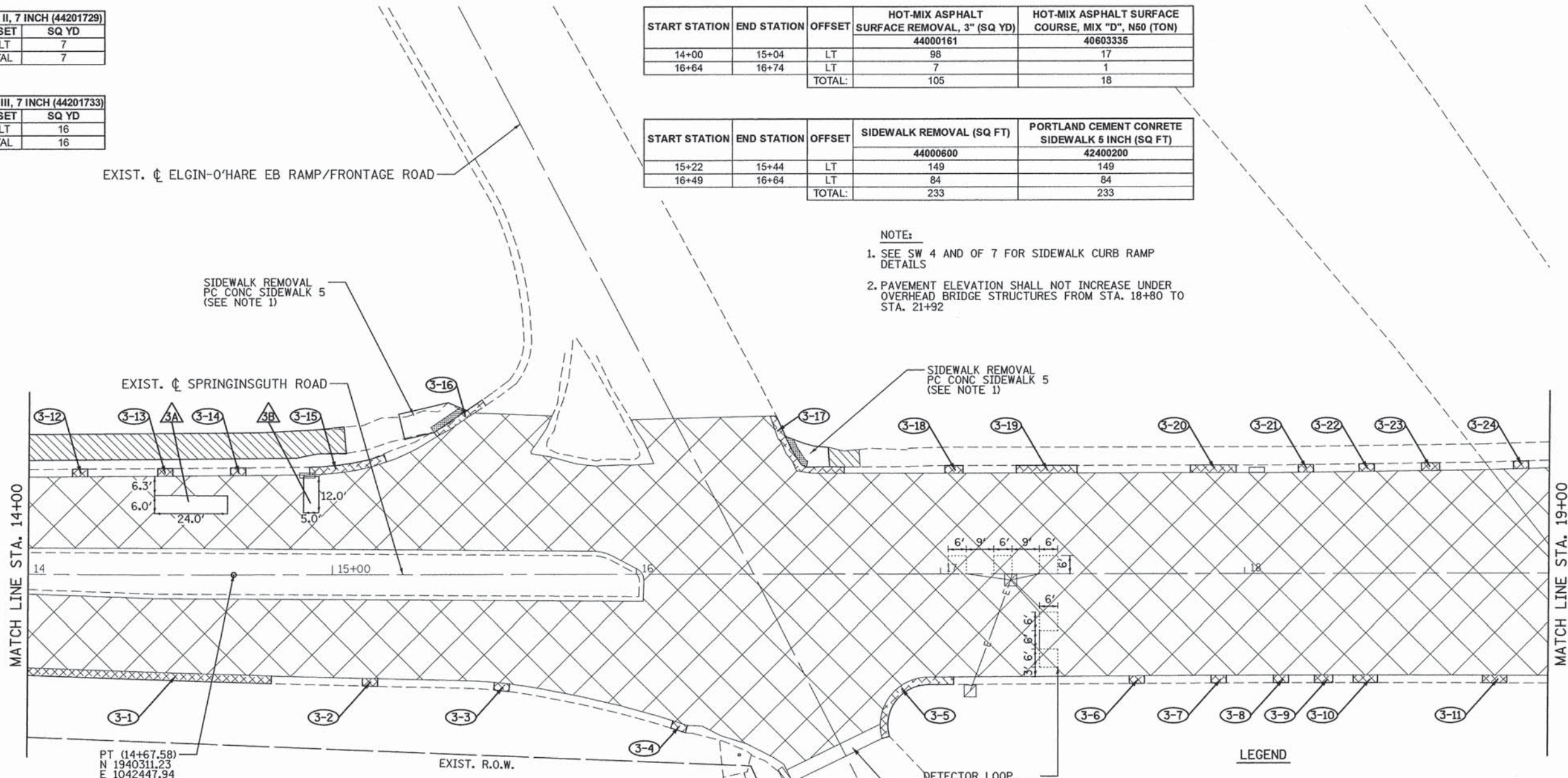
CLASS D PATCHES, TYPE II, 7 INCH (44201729)			
NUMBER	STATION	OFFSET	SQ YD
3B	14+93	27 LT	7
TOTAL			7

CLASS D PATCHES, TYPE III, 7 INCH (44201733)			
NUMBER	STATION	OFFSET	SQ YD
3A	14+54	24 LT	16
TOTAL			16

START STATION	END STATION	OFFSET	HOT-MIX ASPHALT SURFACE REMOVAL, 3" (SQ YD)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (TON)
			44000161	40603335
14+00	15+04	LT	98	17
16+64	16+74	LT	7	1
TOTAL:			105	18

START STATION	END STATION	OFFSET	SIDEWALK REMOVAL (SQ FT)	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)
			44000600	42400200
15+22	15+44	LT	149	149
16+49	16+64	LT	84	84
TOTAL:			233	233

- NOTE:
- SEE SW 4 AND OF 7 FOR SIDEWALK CURB RAMP DETAILS
  - PAVEMENT ELEVATION SHALL NOT INCREASE UNDER OVERHEAD BRIDGE STRUCTURES FROM STA. 18+80 TO STA. 21+92



COMBINATION CURB AND GUTTER REMOVAL (44000500)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
3-1	14+00	14+80	RT	80
3-2	15+10	15+15	RT	5
3-3	15+53	15+58	RT	5
3-4	16+12	16+17	RT	5
3-5	16+81	17+04	RT	33
3-6	17+62	17+67	RT	5
3-7	17+89	17+94	RT	5
3-8	18+09	18+14	RT	5
3-9	18+23	18+29	RT	6
3-10	18+36	18+44	RT	8
3-11	18+78	18+86	RT	8
3-12	14+14	14+19	LT	5
3-13	14+43	14+48	LT	5
3-14	14+67	14+72	LT	5
3-15	14+93	15+18	LT	25
3-16	15+34	15+50	LT	19
3-17	16+44	16+68	LT	32
3-18	17+01	17+07	LT	6
3-19	17+25	17+45	LT	20
3-20	17+82	17+97	LT	15
3-21	18+18	18+23	LT	5
3-22	18+38	18+43	LT	5
3-23	18+58	18+64	LT	6
3-24	18+89	18+94	LT	5
TOTAL:				318

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
3-1	14+00	14+80	RT	80
3-2	15+10	15+15	RT	5
3-3	15+53	15+58	RT	5
3-4	16+12	16+17	RT	5
3-5	16+81	17+04	RT	33
3-6	17+62	17+67	RT	5
3-7	17+89	17+94	RT	5
3-8	18+09	18+14	RT	5
3-9	18+23	18+29	RT	6
3-10	18+36	18+44	RT	8
3-11	18+78	18+86	RT	8
3-12	14+14	14+19	LT	5
3-13	14+43	14+48	LT	5
3-14	14+67	14+72	LT	5
3-15	14+93	15+18	LT	25
3-16	15+34	15+50	LT	19
3-17	16+44	16+68	LT	32
3-18	17+01	17+07	LT	6
3-19	17+25	17+45	LT	20
3-20	17+82	17+97	LT	15
3-21	18+18	18+23	LT	5
3-22	18+38	18+43	LT	5
3-23	18+58	18+64	LT	6
3-24	18+89	18+94	LT	5
TOTAL:				318

**LEGEND**

- HMA SURFACE REMOVAL 5" HMA SURFACE COURSE, MIX "D", N70 2" HMA BINDER COURSE, IL-19.0, N70 3"
- DRIVEWAY PAVEMENT REMOVAL PCC DRIVEWAY PAVEMENT, 8"
- HOT-MIX ASPHALT SURFACE REMOVAL, 3" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- COMBINATION CURB AND GUTTER REMOVAL COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12, TYPE B-6.24
- BIKE PATH REMOVAL
- CLASS D PATCHES, TYPE II, 7 INCH CLASS D PATCHES, TYPE III, 7 INCH CLASS D PATCHES, TYPE IV, 7 INCH





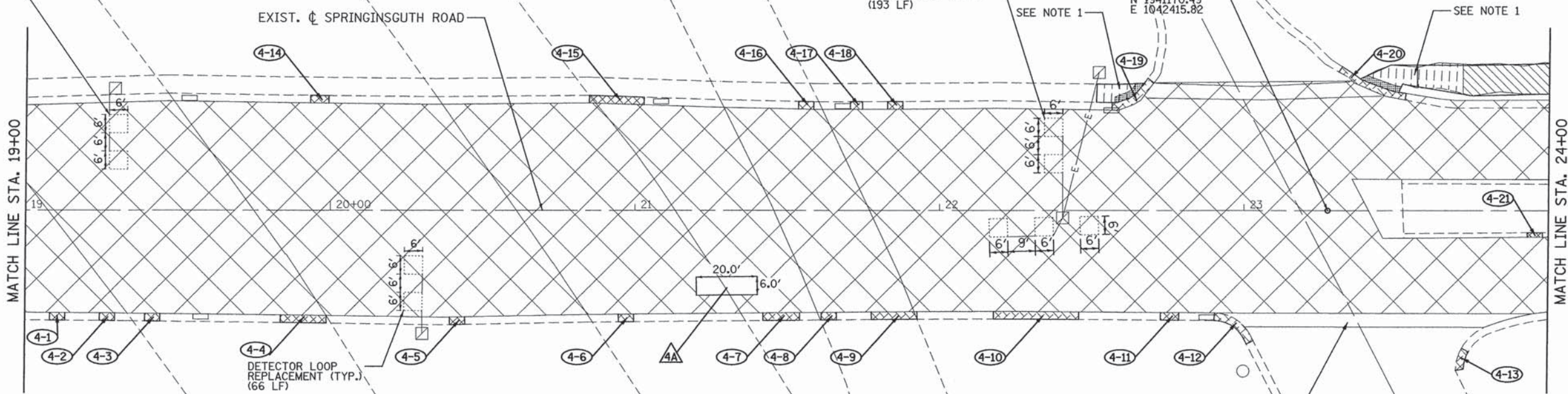
CLASS D PATCHES, TYPE II, 7 INCH (44201729)			
NUMBER	STATION	OFFSET	SQ YD
4A	21+30	25 RT	13
TOTAL:			13

START STATION	END STATION	OFFSET	HOT-MIX ASPHALT SURFACE REMOVAL, 3" (SQ YD)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (TON)
23+57	23+72	LT	0	3
23+72	24+00	LT	31	5
TOTAL:			31	8

START STATION	END STATION	OFFSET	BIKE PATH REMOVAL (SQ YD)	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)
22+52	22+67	LT	8	75
23+38	23+57	LT	12	108
23+57	23+72	LT	14	0
TOTAL:			34	183

NOTE:  
 1. SEE SW 6 OF 7 FOR SIDEWALK CURB RAMP DETAILS  
 2. PAVEMENT ELEVATION SHALL NOT INCREASE UNDER OVERHEAD BRIDGE STRUCTURES FROM STA. 18+80 TO STA. 21+92

DETECTOR LOOP REPLACEMENT (TYP.) (66 LF)



**LEGEND**

- HMA SURFACE REMOVAL 5" HMA SURFACE COURSE, MIX "D", N70 2" HMA SURFACE COURSE, IL-19.0, N70 3" HMA SURFACE COURSE, MIX "D", N70 2" HMA BINDER COURSE, IL-19.0, N70 3"
- DRIVEWAY PAVEMENT REMOVAL PCC DRIVEWAY PAVEMENT, 8"
- HOT-MIX ASPHALT SURFACE REMOVAL, 3" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- COMBINATION CURB AND GUTTER REMOVAL COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12, TYPE B-6.24
- BIKE PATH REMOVAL PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- CLASS D PATCHES, TYPE II, 7 INCH CLASS D PATCHES, TYPE III, 7 INCH CLASS D PATCHES, TYPE IV, 7 INCH

COMBINATION CURB AND GUTTER REMOVAL (44000500)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
4-1	19+08	19+13	RT	5
4-2	19+24	19+29	RT	5
4-3	19+39	19+44	RT	5
4-4	19+84	19+99	RT	15
4-5	20+39	20+44	RT	5
4-6	20+95	21+00	RT	5
4-7	21+42	21+54	RT	12
4-8	21+61	21+66	RT	5
4-9	21+78	21+93	RT	15
4-10	22+18	22+46	RT	28
4-11	22+73	22+79	RT	6
4-12	22+90	23+03	RT	14
4-13	23+69	23+71	RT	6
4-14	19+94	20+00	LT	6
4-15	20+85	21+03	LT	18
4-16	21+54	21+59	LT	5
4-17	21+71	21+75	LT	4
4-18	21+83	21+88	LT	5
4-19	22+57	22+70	LT	15
4-20	23+31	23+53	LT	23
4-21	23+93	23+98	RT	5
TOTAL:				207

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
4-1	19+08	19+13	RT	5
4-2	19+24	19+29	RT	5
4-3	19+39	19+44	RT	5
4-4	19+84	19+99	RT	15
4-5	20+39	20+44	RT	5
4-6	20+95	21+00	RT	5
4-7	21+42	21+54	RT	12
4-8	21+61	21+66	RT	5
4-9	21+78	21+93	RT	15
4-10	22+18	22+46	RT	28
4-11	22+73	22+79	RT	6
4-12	22+90	23+03	RT	14
4-13	23+69	23+71	RT	6
4-14	19+94	20+00	LT	6
4-15	20+85	21+03	LT	18
4-16	21+54	21+59	LT	5
4-17	21+71	21+75	LT	4
4-18	21+83	21+88	LT	5
4-19	22+57	22+70	LT	15
4-20	23+31	23+53	LT	23
4-21	23+93	23+98	RT	5
TOTAL:				207

**PATRICK ENGINEERING INC.**  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = mvasak@rdwy.lisle  
 PLOT CONFIG = PDFGreg\_Large.plt  
 PLOT SCALE = 1:20  
 PLOT DATE = 2/9/2016

DESIGNED - EJB  
 DRAWN - EJB  
 CHECKED - MJV  
 DATE - 1/25/2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SPRINGINGUTH ROAD FROM METRA ENTRANCE TO IRVING PARK ROAD  
 RESURFACING PLAN**

SCALE: 1"=20' SHEET RDY-04 OF 15 STA. 19+00 TO STA. 24+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2562	15-00120-00-RS	COOK	69	12

CONTRACT NO. 61C72  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

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CLASS D PATCHES, TYPE II, 7 INCH (44201729)			
NUMBER	STATION	OFFSET	SQ YD
5C	26+12	28 LT	7
5D	26+25	28 LT	7
5E	26+66	15 LT	7
5F	27+43	16 LT	11
TOTAL			31

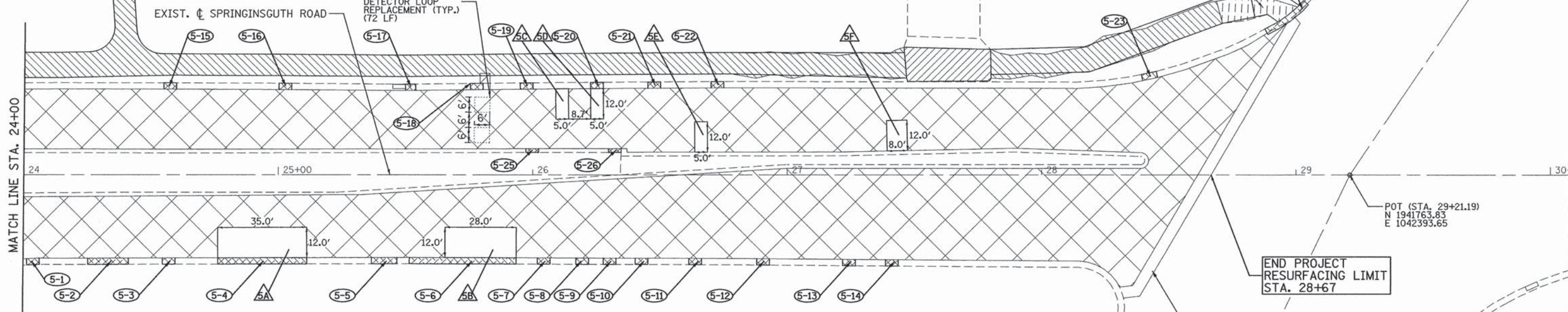
START STATION	END STATION	OFFSET	HOT-MIX ASPHALT SURFACE REMOVAL, 3" (SQ YD)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (TON)
24+00	27+47	LT	395	66
27+80	28+71	LT	101	17
28+71	29+00	LT	0	3
TOTAL:			496	86

CLASS D PATCHES, TYPE IV, 7 INCH (44201735)			
NUMBER	STATION	OFFSET	SQ YD
5A	24+94	27 RT	47
5B	25+80	27 RT	37
TOTAL			84

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
5-25	25+97	26+02	LT	5
5-26	26+30	26+35	LT	5
TOTAL:				10

START STATION	END STATION	OFFSET	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 8 INCH (SQ YD)
27+46	27+80	LT	49	49
TOTAL:			49	49

START STATION	END STATION	OFFSET	BIKE PATH REMOVAL (SQ YD)	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)
28+71	28+82	LT	14	0
28+82	29+01	LT	12	161
TOTAL:			12	161



**LEGEND**

- HMA SURFACE REMOVAL 5"
- HMA SURFACE COURSE, MIX "D", N70 2"
- HMA BINDER COURSE, IL-19.0, N70 3"
- DRIVEWAY PAVEMENT REMOVAL
- PCC DRIVEWAY PAVEMENT, 8"
- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- COMBINATION CURB AND GUTTER REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12, TYPE B-6.24
- BIKE PATH REMOVAL
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- CLASS D PATCHES, TYPE II, 7 INCH
- CLASS D PATCHES, TYPE III, 7 INCH
- CLASS D PATCHES, TYPE IV, 7 INCH

COMBINATION CURB AND GUTTER REMOVAL (44000500)					
NUMBER	START STATION	END STATION	OFFSET	FOOT	
5-1	24+01	24+06	RT	5	
5-2	24+25	24+41	RT	16	
5-3	24+54	24+59	RT	5	
5-4	24+76	25+11	RT	35	
5-5	25+37	25+47	RT	10	
5-6	25+52	25+94	RT	42	
5-7	26+02	26+07	RT	5	
5-8	26+17	26+22	RT	5	
5-9	26+28	26+33	RT	5	
5-10	26+40	26+45	RT	5	
5-11	26+61	26+66	RT	5	
5-12	26+88	26+93	RT	5	
5-13	27+22	27+27	RT	5	
5-14	27+39	27+44	RT	5	
5-15	24+55	24+60	LT	5	
5-16	25+00	25+05	LT	5	
5-17	25+50	25+54	LT	4	
5-18	25+75	25+80	LT	5	
5-19	25+95	26+00	LT	5	
5-20	26+23	26+28	LT	5	
5-21	26+45	26+50	LT	5	
5-22	26+70	26+75	LT	5	
5-23	28+40	28+46	LT	6	
5-24	28+89	29+05	LT	19	
5-25	25+97	26+02	LT	5	
5-26	26+30	26+35	LT	5	
TOTAL:				227	

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)					
NUMBER	START STATION	END STATION	OFFSET	FOOT	
5-1	24+01	24+06	RT	5	
5-2	24+25	24+41	RT	16	
5-3	24+54	24+59	RT	5	
5-4	24+76	25+11	RT	35	
5-5	25+37	25+47	RT	10	
5-6	25+52	25+94	RT	42	
5-7	26+02	26+07	RT	5	
5-8	26+17	26+22	RT	5	
5-9	26+28	26+33	RT	5	
5-10	26+40	26+45	RT	5	
5-11	26+61	26+66	RT	5	
5-12	26+88	26+93	RT	5	
5-13	27+22	27+27	RT	5	
5-14	27+39	27+44	RT	5	
5-15	24+55	24+60	LT	5	
5-16	25+00	25+05	LT	5	
5-17	25+50	25+54	LT	4	
5-18	25+75	25+80	LT	5	
5-19	25+95	26+00	LT	5	
5-20	26+23	26+28	LT	5	
5-21	26+45	26+50	LT	5	
5-22	26+70	26+75	LT	5	
5-23	28+40	28+46	LT	6	
5-24	28+89	29+05	LT	19	
TOTAL:				217	

END PROJECT RESURFACING LIMIT STA. 28+67


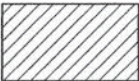


NOTE:  
1. SEE SW 7 OF 7 FOR SIDEWALK CURB RAMP DETAILS



COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
1-1	12+81	14+00	RT	138
1-2	12+81	14+00	LT	117
			TOTAL:	255

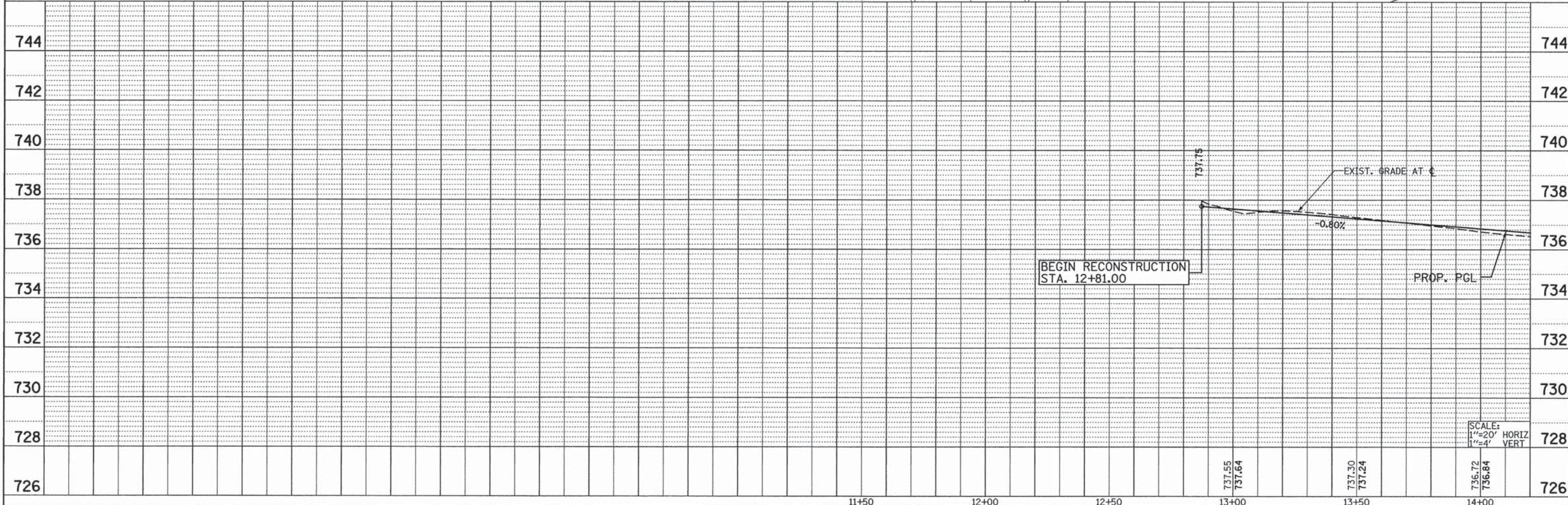
COMBINATION CURB AND GUTTER REMOVAL (44000500)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
1-1	12+81	14+00	RT	138
1-2	12+81	14+00	LT	117
			TOTAL:	255

**LEGEND**

-  HMA SURFACE REMOVAL 5"  
HMA SURFACE COURSE, MIX "D", N70 2"  
HMA BINDER COURSE, IL-19.0, N70 3"
-  DRIVEWAY PAVEMENT REMOVAL  
PCC DRIVEWAY PAVEMENT, 8"
-  COMBINATION CURB AND GUTTER REMOVAL  
COMBINATION CONCRETE CURB AND GUTTER,  
TYPE B-6.12
-  CLASS D PATCHES, TYPE II, 7 INCH  
CLASS D PATCHES, TYPE III, 7 INCH  
CLASS D PATCHES, TYPE IV, 7 INCH

PLAN  
DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
SURVEYED: \_\_\_\_\_  
ALIGNMENT CHECKED: \_\_\_\_\_  
NOTE BOOK NO. \_\_\_\_\_  
RT. OF WAY CHECKED: \_\_\_\_\_  
FIELD FILE NAME: \_\_\_\_\_

PROFILE  
DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
SURVEYED: \_\_\_\_\_  
GRADES CHECKED: \_\_\_\_\_  
NOTE BOOK NO. \_\_\_\_\_  
B.M. NOTED: \_\_\_\_\_  
STRUCTURE NOTATIONS CHFD: \_\_\_\_\_



PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvasek(Rdyg_L1s1e) PLOT CONFIG = PDF(Grey_Large).plt PLOT SCALE = 1:20 PLOT DATE = 2/9/2016	DESIGNED - MJV DRAWN - EJB CHECKED - JJC DATE - 1/25/2016	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD</b> <b>RECONSTRUCTION PLAN</b>		F.A.U. RTE. 2582 SECTION 15-00120-00-RS COUNTY COOK TOTAL SHEETS 69 SHEET NO. 14	CONTRACT NO. 61C72
	SCALE: 1"=20' SHEET NO. RDY-06 OF 15 STA. BEGIN TO STA. 14+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

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

PROFILE	SURVEYED	DATE
	GRADES	
	CHECKED	
	BY	
	NOTED	
	STRUCTURE	
	NOTATIONS	
	CHKD	

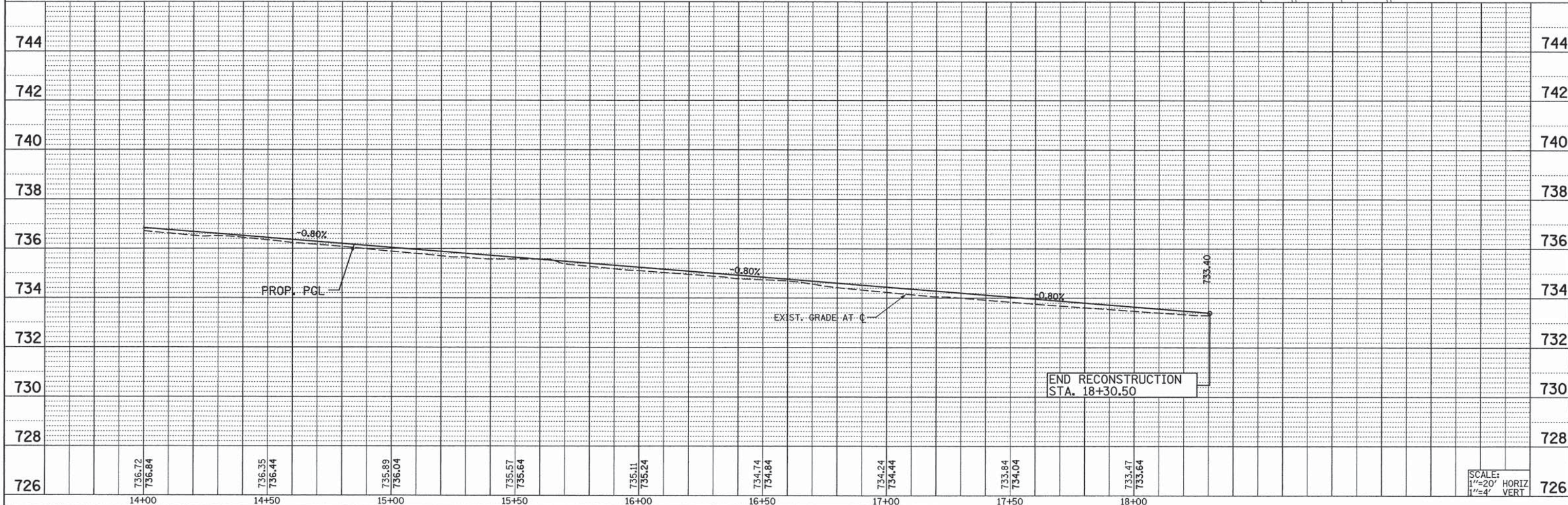
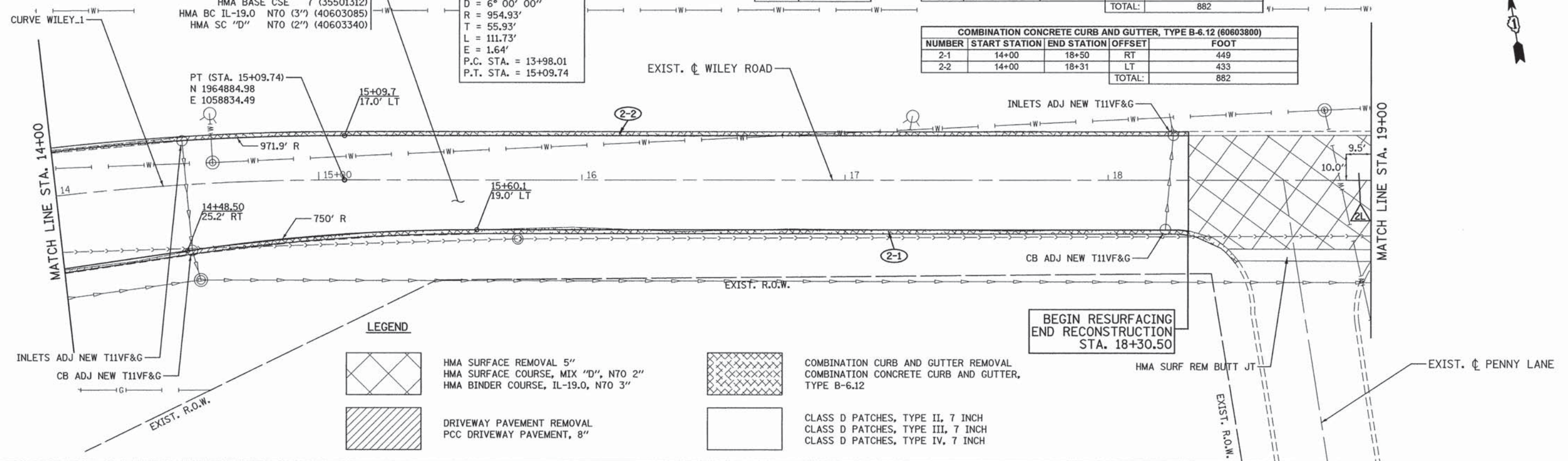
WILEY ROAD RECONSTRUCTION  
 PAVEMENT REMOVAL (44000100)  
 AGG SUBGRADE IMPR 18 (30300118)  
 HMA BASE CSE 7 (35501312)  
 HMA BC IL-19.0 N70 (3") (40603085)  
 HMA SC "D" N70 (2") (40603340)

EXIST. CURVE WILEY.1  
 PI STA. = 14+53.94  
 $\Delta = 6^\circ 42' 14''$  (RT)  
 $D = 6^\circ 00' 00''$   
 $R = 954.93'$   
 $T = 55.93'$   
 $L = 111.73'$   
 $E = 1.64'$   
 P.C. STA. = 13+98.01  
 P.T. STA. = 15+09.74

CLASS D PATCHES, TYPE II, 7 INCH (44201729)				
NUMBER	STATION	OFFSET	SQ YD	
2L	18+95	5 LT	11	
		TOTAL	11	

COMBINATION CURB AND GUTTER REMOVAL (44000500)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
2-1	14+00	18+50	RT	449
2-2	14+00	18+31	LT	433
		TOTAL:		882

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
2-1	14+00	18+50	RT	449
2-2	14+00	18+31	LT	433
		TOTAL:		882



<b>PATRICK ENGINEERING</b> PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvosak(Rdwg_L1s1e)	DESIGNED - EJB	REVISED -
	PLT CONF IG = PDF(Grey_Large).plt	DRAWN - EJB	REVISED -
	PLT SCALE = 1:20	CHECKED - MJV	REVISED -
	PLT DATE = 2/9/2016	DATE - 1/25/2016	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD**  
**RESURFACING PLAN**

SCALE: 1"=20'    SHEET NO. RDY-07 OF 15    STA. 14+00 TO STA. 19+00

F.A.U. RTE. 2582	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 15
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 61C72		

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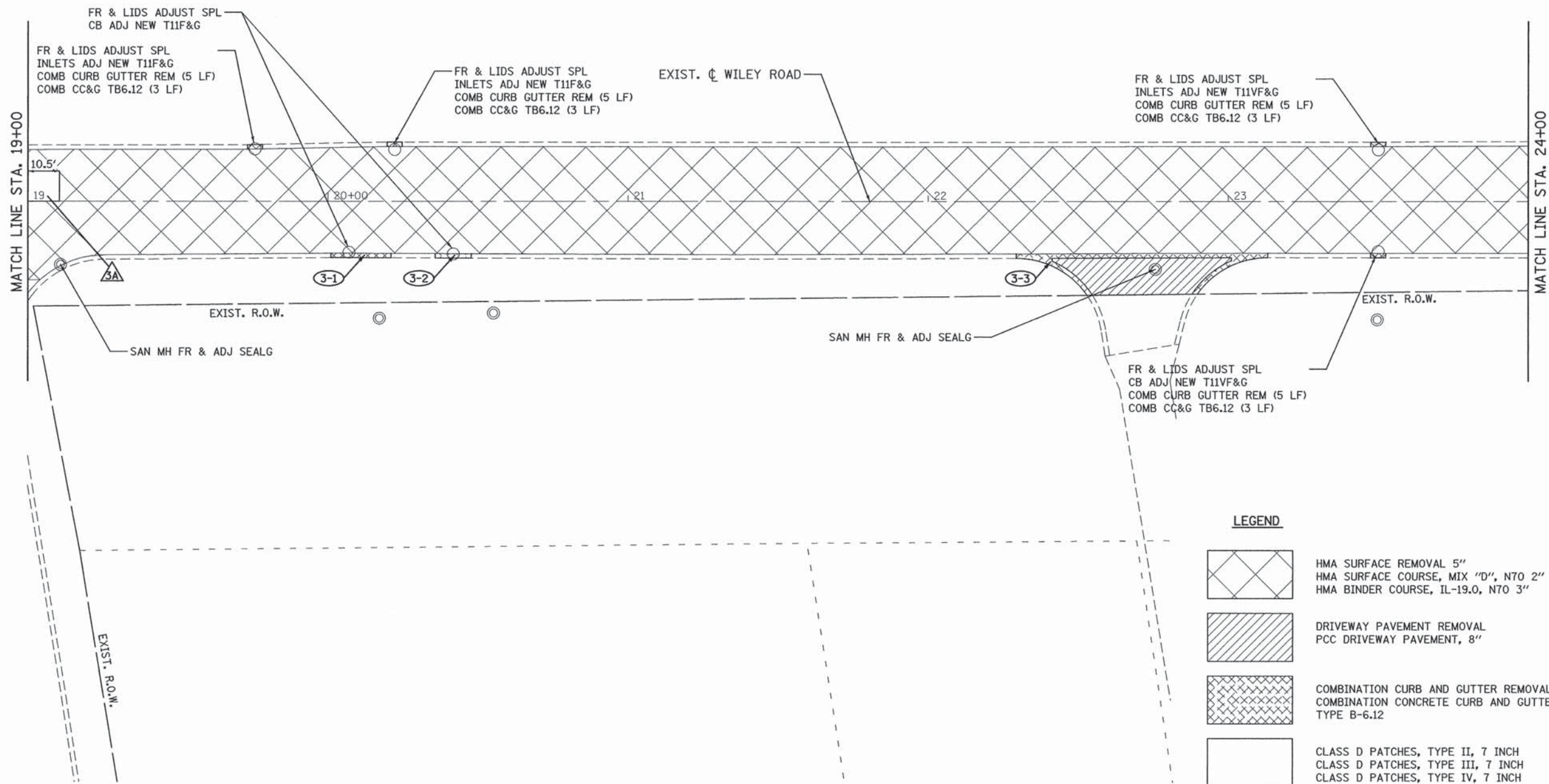


CLASS D PATCHES, TYPE II, 7 INCH (44201729)			
NUMBER	STATION	OFFSET	SQ YD
3A	19+05	5 LT	12
TOTAL			12

START STATION	END STATION	OFFSET	DRIVEWAY PAVEMENT	PCC DRIVEWAY
			REMOVAL (SQ YD)	PAVEMENT, 8 INCH (SQ YD)
22+41	23+01	RT	44000200	42300400
			62	62
TOTAL			62	62

COMBINATION CURB AND GUTTER REMOVAL (44000500)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
3-1	20+01	20+21	RT	20
3-2	20+36	20+48	RT	12
3-3	22+29	23+13	RT	115
ADDITIONAL FOR NEW FRAMES & GRATES				20
TOTAL:				167

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
3-1	20+01	20+21	RT	20
3-2	20+36	20+48	RT	12
3-3	22+29	23+13	RT	115
ADDITIONAL FOR NEW FRAMES & GRATES				12
TOTAL:				159



**LEGEND**

	HMA SURFACE REMOVAL 5" HMA SURFACE COURSE, MIX "D", N70 2" HMA BINDER COURSE, IL-19.0, N70 3"
	DRIVEWAY PAVEMENT REMOVAL PCC DRIVEWAY PAVEMENT, 8"
	COMBINATION CURB AND GUTTER REMOVAL COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
	CLASS D PATCHES, TYPE II, 7 INCH CLASS D PATCHES, TYPE III, 7 INCH CLASS D PATCHES, TYPE IV, 7 INCH

PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvasok(Rdg-Lisle)	DESIGNED - EJB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD</b> <b>RESURFACING PLAN</b>			F.A.U. RTE. 2582	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 16
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	PLOT SCALE = 1:20	CHECKED - MJV	REVISED -					CONTRACT NO. 61C72				
	PLOT DATE = 2/9/2016	DATE - 1/25/2016	REVISED -					SCALE: 1"=20'	SHEET RDY-08 OF 15	STA. 19+00 TO STA. 24+00		

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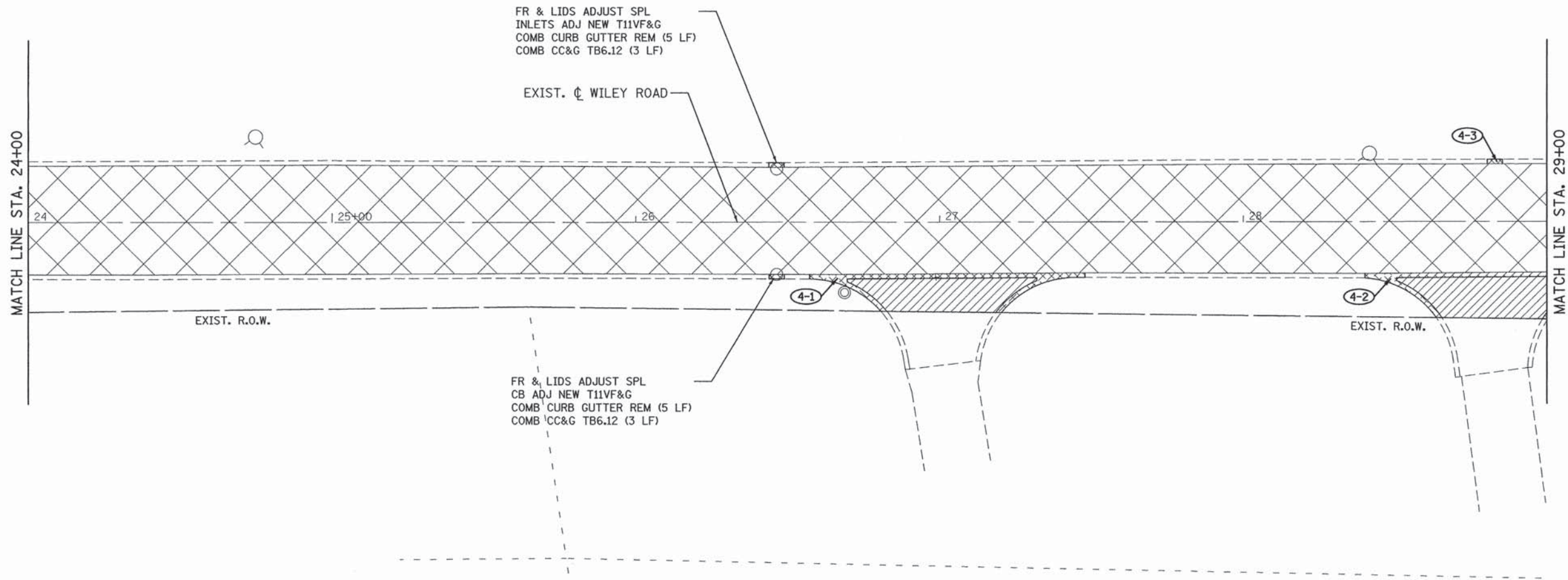




START STATION	END STATION	OFFSET	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 8 INCH (SQ YD)
26+70	27+32	RT	59	59
28+51	29+00	RT	62	62
TOTAL			121	121

COMBINATION CURB AND GUTTER REMOVAL (44000500)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
4-1	26+57	27+48	RT	120
4-2	28+40	29+00	RT	77
4-3	28+80	28+85	LT	5
ADDITIONAL FOR NEW FRAMES & GRATES				10
TOTAL:				92

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
4-1	26+57	27+48	RT	120
4-2	28+40	29+00	RT	77
4-3	28+80	28+85	LT	5
ADDITIONAL FOR NEW FRAMES & GRATES				6
TOTAL:				88



**LEGEND**

- HMA SURFACE REMOVAL 5"  
HMA SURFACE COURSE, MIX "D", N70 2"  
HMA BINDER COURSE, IL-19.0, N70 3"
- DRIVEWAY PAVEMENT REMOVAL  
PCC DRIVEWAY PAVEMENT, 8"
- COMBINATION CURB AND GUTTER REMOVAL  
COMBINATION CONCRETE CURB AND GUTTER,  
TYPE B-6.12
- CLASS D PATCHES, TYPE II, 7 INCH  
CLASS D PATCHES, TYPE III, 7 INCH  
CLASS D PATCHES, TYPE IV, 7 INCH

	PATRICK ENGINEERING INC. 4970 VARSITY DRIVE Lisle, IL 60532 patrickengineering.com	USER NAME = mvasek@dwg.lisle PLOT CONFIG = PDF(Grey.Large).plt PLOT SCALE = 1:20 PLOT DATE = 2/9/2016	DESIGNED - EJB DRAWN - EJB CHECKED - MJV DATE - 1/25/2016	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD</b> <b>RESURFACING PLAN</b>	F.A.U. RTE. 2582 SECTION 15-00120-00-RS COUNTY COOK ILLINOIS FED. AID PROJECT	TOTAL SHEETS 69 SHEET NO. 17 CONTRACT NO. 61C72
	SCALE: 1"=20'    SHEET RDY-09 OF 15    STA. 24+00 TO STA. 29+00		FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT					

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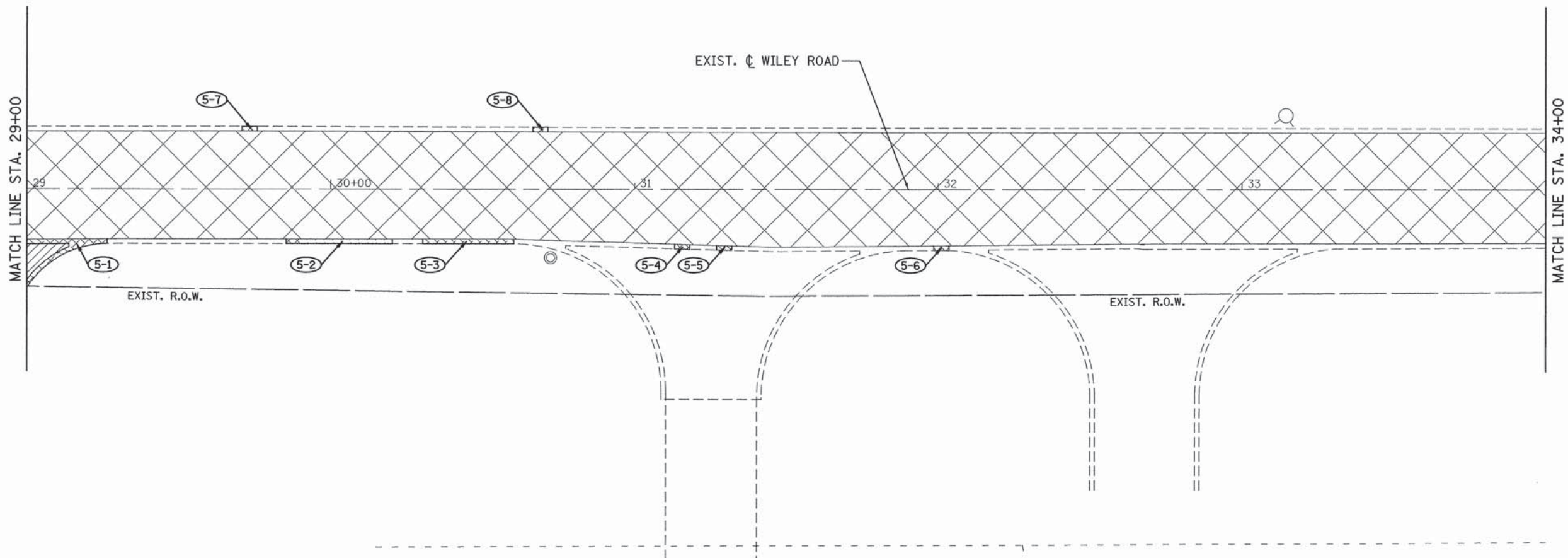





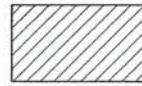


START STATION	END STATION	OFFSET	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 8 INCH (SQ YD)
29+00	29+14	RT	44000200	42300400
			75	75
		TOTAL	75	75


COMBINATION CURB AND GUTTER REMOVAL (44000500)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
5-1	29+00	29+26	RT	45
5-2	29+85	30+20	RT	35
5-3	30+30	30+60	RT	30
5-4	31+13	31+18	RT	5
5-5	31+27	31+32	RT	5
5-6	31+99	32+04	RT	5
5-7	29+71	29+76	LT	5
5-8	30+67	30+72	LT	5
		TOTAL:		135

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
5-1	29+00	29+26	RT	45
5-2	29+85	30+20	RT	35
5-3	30+30	30+60	RT	30
5-4	31+13	31+18	RT	5
5-5	31+27	31+32	RT	5
5-6	31+99	32+04	RT	5
5-7	29+71	29+76	LT	5
5-8	30+67	30+72	LT	5
		TOTAL:		135



**LEGEND**

-  HMA SURFACE REMOVAL 5"  
HMA SURFACE COURSE, MIX "D", N70 2"  
HMA BINDER COURSE, IL-19.0, N70 3"
-  DRIVEWAY PAVEMENT REMOVAL  
PCC DRIVEWAY PAVEMENT, 8"
-  COMBINATION CURB AND GUTTER REMOVAL  
COMBINATION CONCRETE CURB AND GUTTER,  
TYPE B-6.12
-  CLASS D PATCHES, TYPE II, 7 INCH  
CLASS D PATCHES, TYPE III, 7 INCH  
CLASS D PATCHES, TYPE IV, 7 INCH

 PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvasak(Rdyg-Lisle) PLOT CONFIG = PDF(Grey, Large).plt PLOT SCALE = 1:20 PLOT DATE = 2/9/2016	DESIGNED - EJB DRAWN - EJB CHECKED - MJV DATE - 1/25/2016	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD RESURFACING PLAN</b>	F.A.U. RTE. 2582	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 18
	SCALE: 1"=20'    SHEET RDY-10 OF 15    STA. 29+00 TO STA. 34+00						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT    CONTRACT NO. 61C72			

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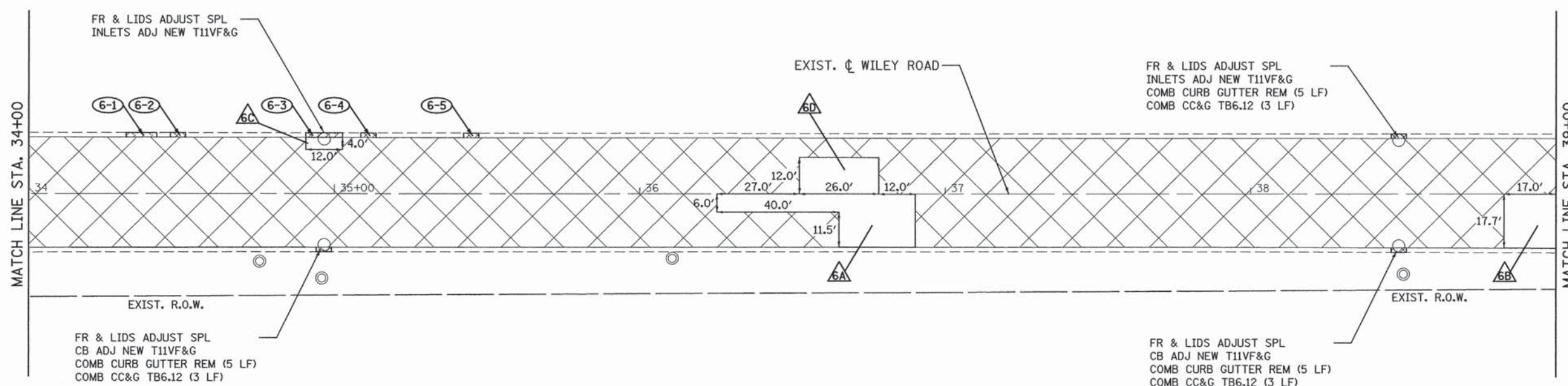


CLASS D PATCHES, TYPE II, 7 INCH (44201729)			
NUMBER	STATION	OFFSET	SQ YD
6C	34+97	17 LT	7
TOTAL			7

COMBINATION CURB AND GUTTER REMOVAL (44000500)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
6-1	34+32	34+42	LT	10
6-2	34+46	34+51	LT	5
6-3	34+91	35+03	LT	12
6-4	35+09	35+14	LT	5
6-5	35+42	35+47	LT	5
ADDITIONAL FOR NEW FRAMES & GRATES				15
TOTAL:				52

CLASS D PATCHES, TYPE IV, 7 INCH (44201735)			
NUMBER	STATION	OFFSET	SQ YD
6A	36+66	7 RT	75
6B	38+92	9 RT	33
6D	36+65	6 LT	35
TOTAL			143

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
6-1	34+32	34+42	LT	10
6-2	34+46	34+51	LT	5
6-3	34+91	35+03	LT	12
6-4	35+09	35+14	LT	5
6-5	35+42	35+47	LT	5
ADDITIONAL FOR NEW FRAMES & GRATES				9
TOTAL:				46



**LEGEND**

- HMA SURFACE REMOVAL 5"  
HMA SURFACE COURSE, MIX "D", N70 2"  
HMA BINDER COURSE, IL-19.0, N70 3"
- DRIVEWAY PAVEMENT REMOVAL  
PCC DRIVEWAY PAVEMENT, 8"
- COMBINATION CURB AND GUTTER REMOVAL  
COMBINATION CONCRETE CURB AND GUTTER,  
TYPE B-6.12
- CLASS D PATCHES, TYPE II, 7 INCH  
CLASS D PATCHES, TYPE III, 7 INCH  
CLASS D PATCHES, TYPE IV, 7 INCH

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	SCALE: 1"=20'		SHEET RDY-11 OF 15		STA. 34+00 TO STA. 39+00			

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CLASS D PATCHES, TYPE II, 7 INCH (44201729)			
NUMBER	STATION	OFFSET	SQ YD
7D	42+62	3 RT	8
7F	43+98	3 RT	3
TOTAL			11

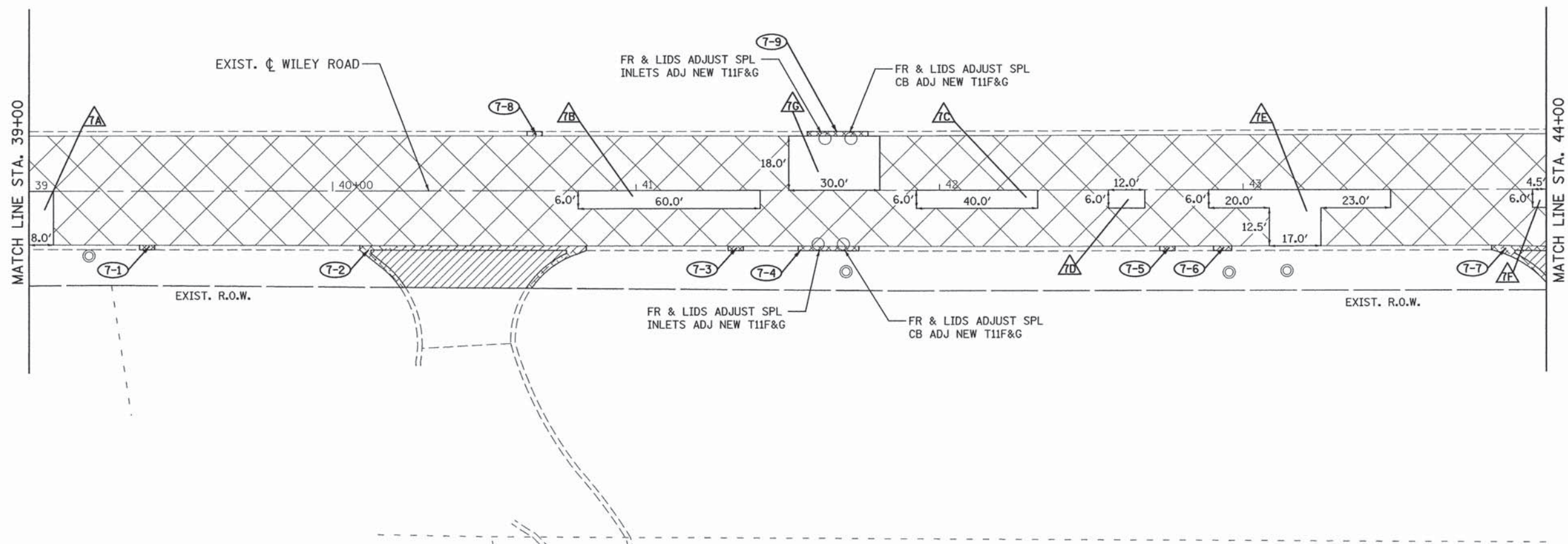
START STATION	END STATION	OFFSET	DRIVEWAY PAVEMENT	PCC DRIVEWAY
			REMOVAL (SQ YD)	PAVEMENT, 8 INCH (SQ YD)
			44000200	42300400
40+13	40+77	RT	71	71
43+90	44+00	RT	5	5
TOTAL			76	76

CLASS D PATCHES, TYPE III, 7 INCH (44201733)			
NUMBER	STATION	OFFSET	SQ YD
7A	39+04	9 RT	16
TOTAL			16

COMBINATION CURB AND GUTTER REMOVAL (44000500)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
7-1	39+36	39+41	RT	5
7-2	40+09	40+84	RT	105
7-3	41+30	41+35	RT	5
7-4	41+53	41+73	RT	20
7-5	42+73	42+78	RT	5
7-6	42+90	42+96	RT	6
7-7	43+82	44+00	RT	32
7-8	40+64	40+69	LT	5
7-9	41+56	41+76	LT	20
TOTAL:				203

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
7-1	39+36	39+41	RT	5
7-2	40+09	40+84	RT	105
7-3	41+30	41+35	RT	5
7-4	41+53	41+73	RT	20
7-5	42+73	42+78	RT	5
7-6	42+90	42+96	RT	6
7-7	43+82	44+00	RT	32
7-8	40+64	40+69	LT	5
7-9	41+56	41+76	LT	20
TOTAL:				203

CLASS D PATCHES, TYPE IV, 7 INCH (44201735)			
NUMBER	STATION	OFFSET	SQ YD
7B	41+11	3 RT	40
7C	42+12	3 RT	27
7E	43+18	6 RT	64
7G	41+65	9 LT	60
TOTAL			191



**LEGEND**

- HMA SURFACE REMOVAL 5"  
HMA SURFACE COURSE, MIX "D", N70 2"  
HMA BINDER COURSE, IL-19.0, N70 3"
- DRIVEWAY PAVEMENT REMOVAL  
PCC DRIVEWAY PAVEMENT, 8"
- COMBINATION CURB AND GUTTER REMOVAL  
COMBINATION CONCRETE CURB AND GUTTER,  
TYPE B-6.12
- CLASS D PATCHES, TYPE II, 7 INCH  
CLASS D PATCHES, TYPE III, 7 INCH  
CLASS D PATCHES, TYPE IV, 7 INCH

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CLASS D PATCHES, TYPE II, 7 INCH (44201729)			
NUMBER	STATION	OFFSET	SQ YD
8C	45+62	16 LT	3
TOTAL			3

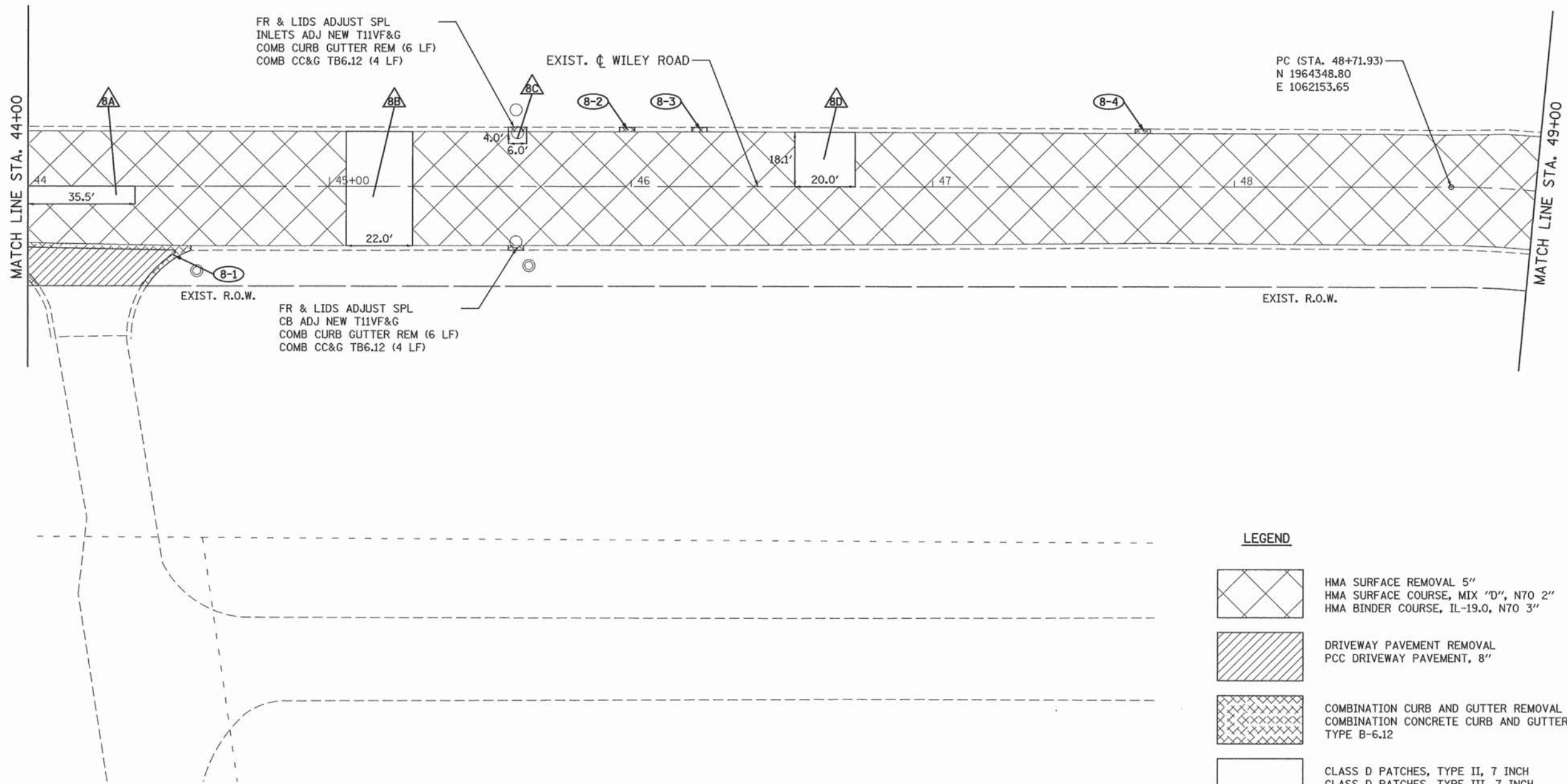
START STATION	END STATION	OFFSET	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 8 INCH (SQ YD)
44+00	44+49	RT	44000200	42300400
TOTAL			58	58

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
8-1	44+00	44+54	RT	68
8-2	45+96	46+01	LT	5
8-3	46+20	46+25	LT	5
8-4	47+67	47+72	LT	5
ADDITIONAL FOR NEW FRAMES & GRATES				8
TOTAL:				91

CLASS D PATCHES, TYPE III, 7 INCH (44201733)			
NUMBER	STATION	OFFSET	SQ YD
8A	44+18	3 RT	24
TOTAL			24

COMBINATION CURB AND GUTTER REMOVAL (44000500)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
8-1	44+00	44+54	RT	68
8-2	45+96	46+01	LT	5
8-3	46+20	46+25	LT	5
8-4	47+67	47+72	LT	5
ADDITIONAL FOR NEW FRAMES & GRATES				12
TOTAL:				95

CLASS D PATCHES, TYPE IV, 7 INCH (44201735)			
NUMBER	STATION	OFFSET	SQ YD
8B	45+17	0 RT	93
8D	46+64	9 LT	40
TOTAL			133



**LEGEND**

	HMA SURFACE REMOVAL 5" HMA SURFACE COURSE, MIX "D", N70 2" HMA BINDER COURSE, IL-19.0, N70 3"
	DRIVEWAY PAVEMENT REMOVAL PCC DRIVEWAY PAVEMENT, 8"
	COMBINATION CURB AND GUTTER REMOVAL COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
	CLASS D PATCHES, TYPE II, 7 INCH CLASS D PATCHES, TYPE III, 7 INCH CLASS D PATCHES, TYPE IV, 7 INCH

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	SCALE: 1"=20' SHEET RDY-13 OF 15 STA. 44+00 TO STA. 49+00						

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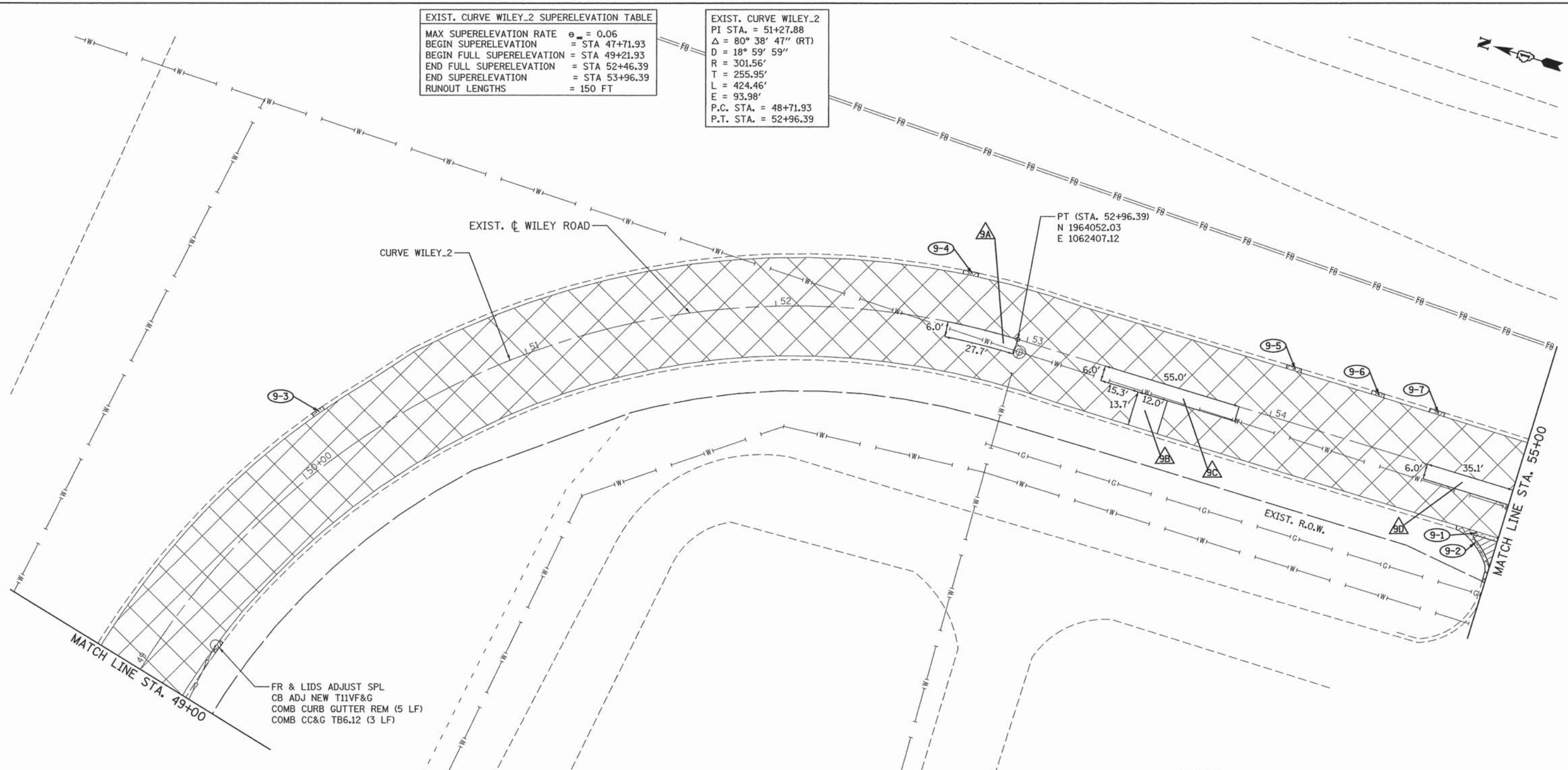


**EXIST. CURVE WILEY\_2 SUPERELEVATION TABLE**

MAX SUPERELEVATION RATE	$e_m = 0.06$
BEGIN SUPERELEVATION	= STA 47+71.93
BEGIN FULL SUPERELEVATION	= STA 49+21.93
END FULL SUPERELEVATION	= STA 52+46.39
END SUPERELEVATION	= STA 53+96.39
RUNOUT LENGTHS	= 150 FT

**EXIST. CURVE WILEY\_2**

PI STA.	= 51+27.88
$\Delta$	= 80° 38' 47" (RT)
D	= 18° 59' 59"
R	= 301.56'
T	= 255.95'
L	= 424.46'
E	= 93.98'
P.C. STA.	= 48+71.93
P.T. STA.	= 52+96.39



FR & LIDS ADJUST SPL  
 CB ADJ NEW T11VF&G  
 COMB CURB GUTTER REM (5 LF)  
 COMB CC&G TB6.12 (3 LF)

**CLASS D PATCHES, TYPE III, 7 INCH (44201733)**

NUMBER	STATION	OFFSET	SQ YD
9A	52+82	3 RT	19
9B	53+54	13 RT	18
9D	54+82	3 RT	23
TOTAL			60

**COMBINATION CURB AND GUTTER REMOVAL (44000500)**

NUMBER	START STATION	END STATION	OFFSET	FOOT
9-1	54+90	55+00	RT	10
9-2	54+90	54+99	RT	18
9-3	50+17	50+21	LT	5
9-4	52+70	52+76	LT	6
9-5	54+01	54+07	LT	6
9-6	54+36	54+41	LT	5
9-7	54+59	54+65	LT	6
ADDITIONAL FOR NEW FRAMES & GRATES				5
TOTAL:				60

**COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)**





NUMBER	START STATION	END STATION	OFFSET	FOOT
9-1	54+90	55+00	RT	10
9-2	54+90	54+99	RT	18
9-3	50+17	50+21	LT	5
9-4	52+70	52+76	LT	6
9-5	54+01	54+07	LT	6
9-6	54+36	54+41	LT	5
9-7	54+59	54+65	LT	6
ADDITIONAL FOR NEW FRAMES & GRATES				3
TOTAL:				58

**CLASS D PATCHES, TYPE IV, 7 INCH (44201735)**

NUMBER	STATION	OFFSET	SQ YD
9C	53+60	3 RT	37
TOTAL			37

START STATION	END STATION	OFFSET	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 8 INCH (SQ YD)
54+90	55+00	RT	44000200	42300400
			5	5
TOTAL			5	5

**LEGEND**

-  HMA SURFACE REMOVAL 5"  
HMA SURFACE COURSE, MIX "D", N70 2"  
HMA BINDER COURSE, IL-19.0, N70 3"
-  DRIVEWAY PAVEMENT REMOVAL  
PCC DRIVEWAY PAVEMENT, 8"
-  COMBINATION CURB AND GUTTER REMOVAL  
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
-  CLASS D PATCHES, TYPE II, 7 INCH  
CLASS D PATCHES, TYPE III, 7 INCH  
CLASS D PATCHES, TYPE IV, 7 INCH



CLASS D PATCHES, TYPE II, 7 INCH (44201729)			
NUMBER	STATION	OFFSET	SQ YD
10A	55+05	3 RT	7
10C	57+42	18 RT	7
10D	58+34	3 RT	5
10E	58+48	3 RT	5
10F	56+70	15 LT	4
TOTAL			27

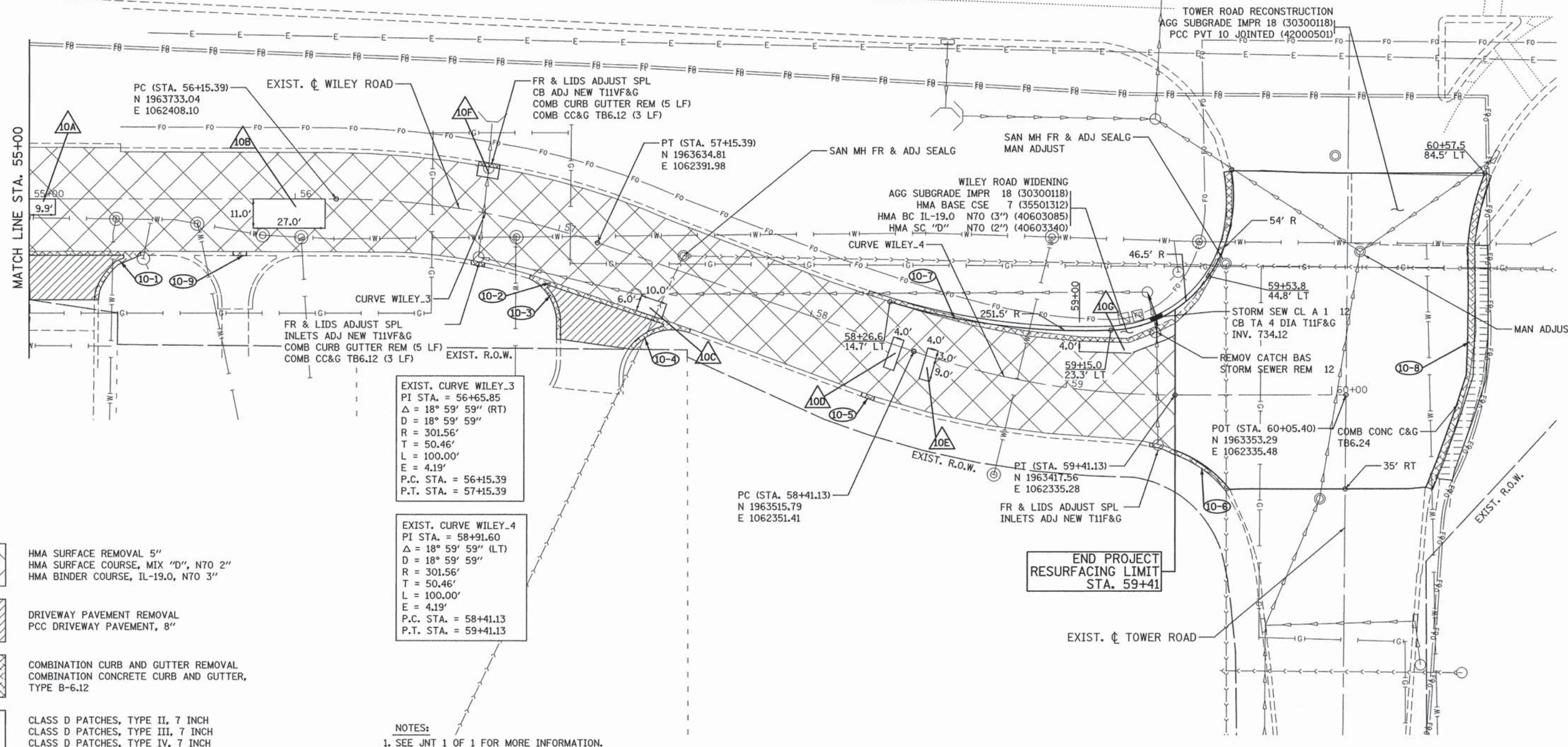
CLASS D PATCHES, TYPE III, 7 INCH (44201733)			
NUMBER	STATION	OFFSET	SQ YD
10G	59+24	16 LT	17
TOTAL			17

CLASS D PATCHES, TYPE IV, 7 INCH (44201735)			
NUMBER	STATION	OFFSET	SQ YD
10B	55+98	6 RT	33
TOTAL			33

START STATION	END STATION	OFFSET	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 8 INCH (SQ YD)
55+00	55+36	RT	44000200	42300400
			53	53
57+02	57+50	RT	57	57
TOTAL			110	110

COMBINATION CURB AND GUTTER REMOVAL (44000500)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
10-1	55+00.00	55+41.92	RT	60
10-2	57+02.06	57+49.94	RT	47
10-3	57+01.15	57+12.30	RT	20
10-4	57+41.90	57+50.62	RT	13
10-5	58+27.82	58+32.82	RT	5
10-6	59+32.10	59+57.95	RT	34
10-7	58+17.95	58+23.95	LT	182
10-8	60+05.40	60+05.40	LT/RT	123
10-9	55+76.67	55+81.67	RT	5
ADDITIONAL FOR NEW FRAMES & GRATES				10
TOTAL:				500

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)				
NUMBER	START STATION	END STATION	OFFSET	FOOT
10-1	55+00.00	55+41.92	RT	60
10-2	57+02.06	57+49.94	RT	47
10-3	57+01.15	57+12.30	RT	20
10-4	57+41.90	57+50.62	RT	13
10-5	58+27.82	58+32.82	RT	5
10-6	59+32.10	59+57.95	RT	34
10-7	58+17.95	58+23.95	LT	170
10-9	55+76.67	55+81.67	LT	5
ADDITIONAL FOR NEW FRAMES & GRATES				6
TOTAL:				361



**LEGEND**

- HMA SURFACE REMOVAL 5" HMA SURFACE COURSE, MIX "D", N70 2" HMA BINDER COURSE, IL-19.0, N70 3"
- DRIVEWAY PAVEMENT REMOVAL PCC DRIVEWAY PAVEMENT, 8"
- COMBINATION CURB AND GUTTER REMOVAL COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- CLASS D PATCHES, TYPE II, 7 INCH CLASS D PATCHES, TYPE III, 7 INCH CLASS D PATCHES, TYPE IV, 7 INCH




**EXIST. CURVE WILEY\_3**  
 PI STA. = 56+65.85  
 $\Delta = 18^\circ 59' 59''$  (RT)  
 $D = 18^\circ 59' 59''$   
 $R = 301.56'$   
 $T = 50.46'$   
 $L = 100.00'$   
 $E = 4.19'$   
 P.C. STA. = 56+15.39  
 P.T. STA. = 57+15.39

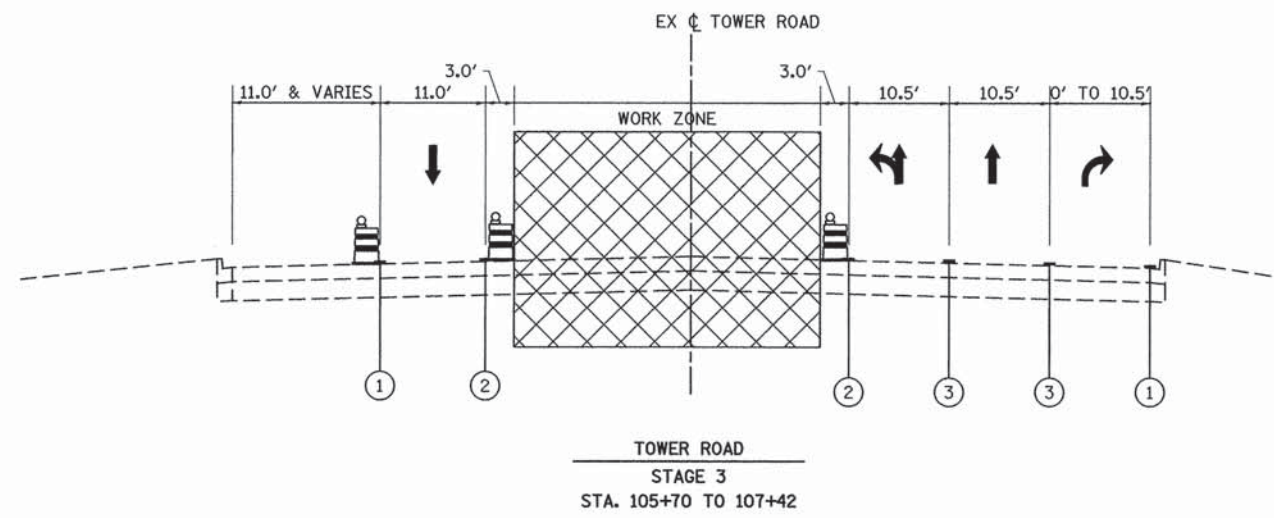
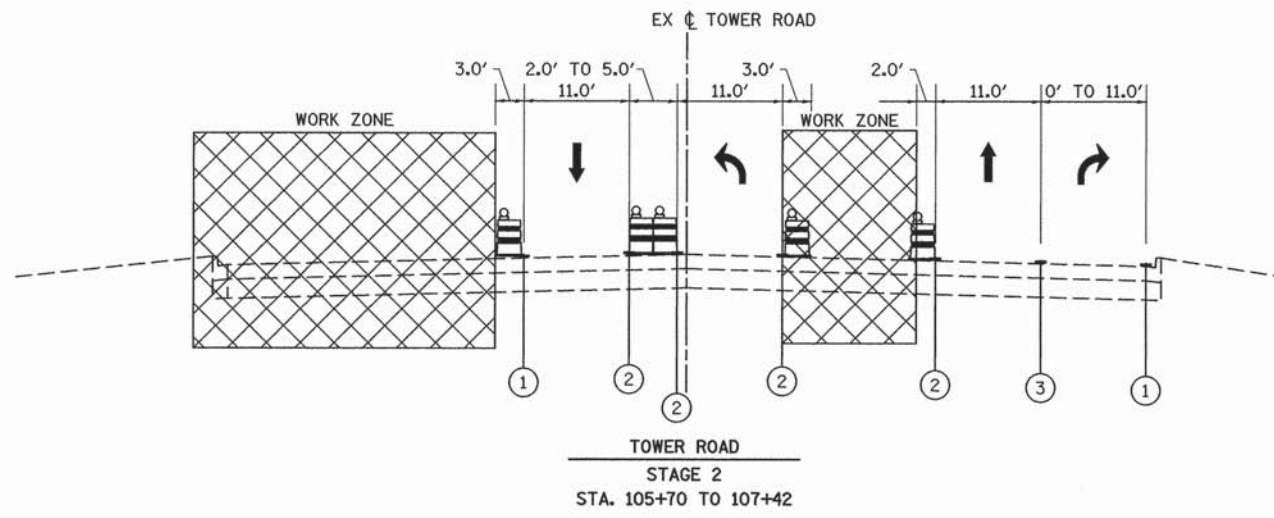
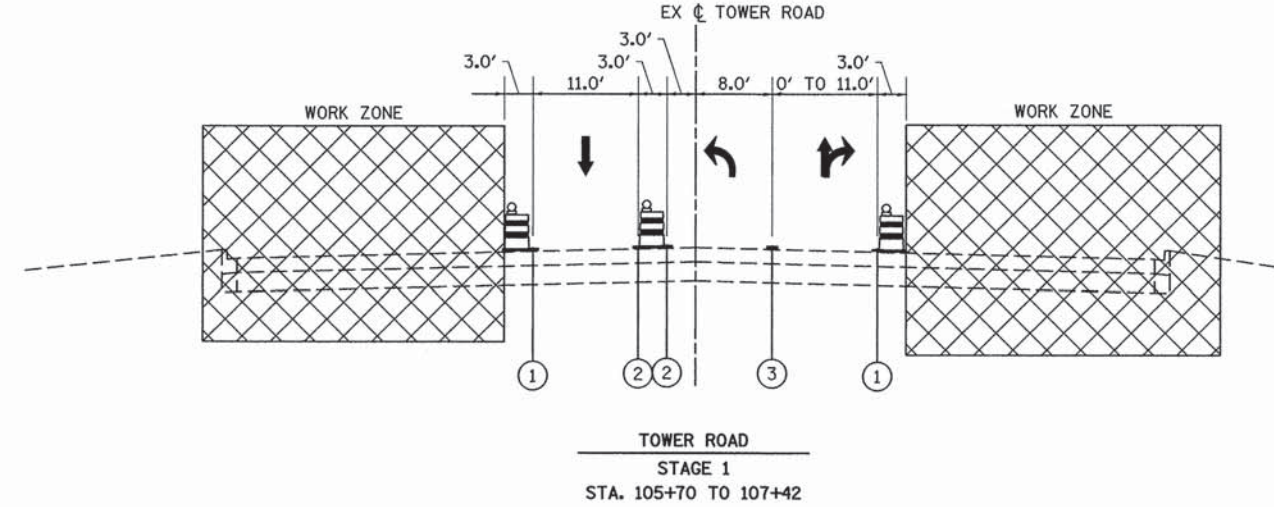
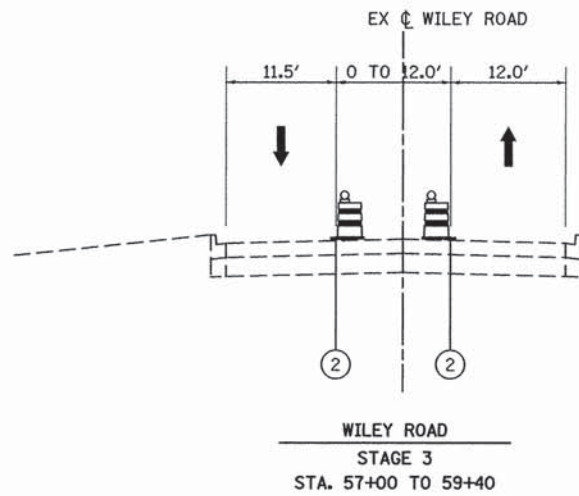
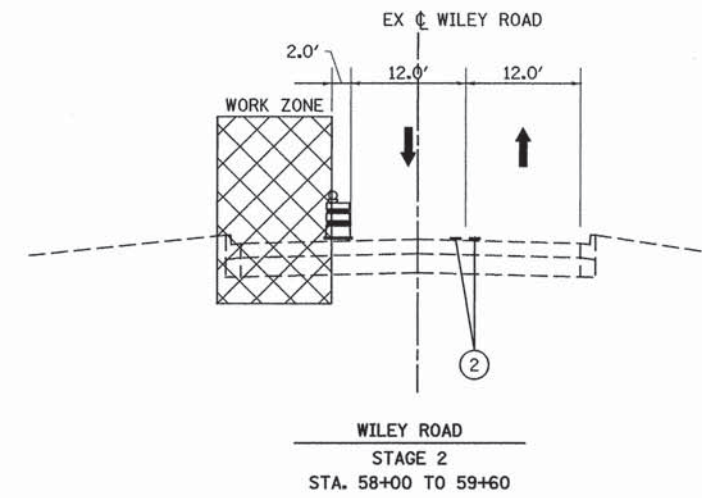
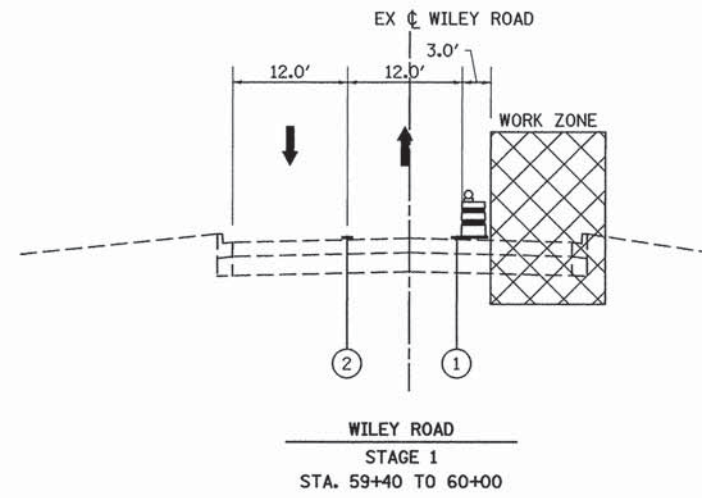
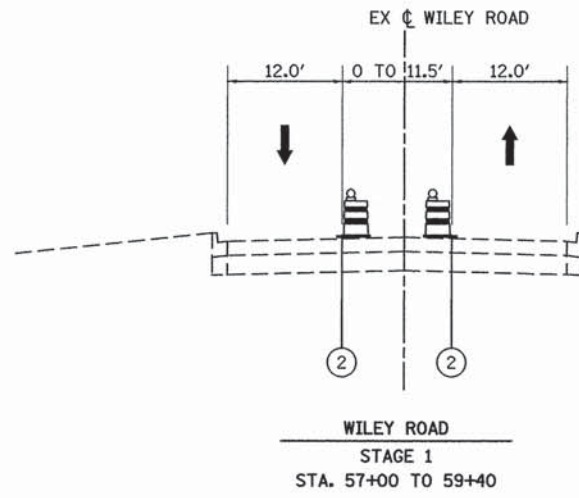
**EXIST. CURVE WILEY\_4**  
 PI STA. = 58+91.60  
 $\Delta = 18^\circ 59' 59''$  (LT)  
 $D = 18^\circ 59' 59''$   
 $R = 301.56'$   
 $T = 50.46'$   
 $L = 100.00'$   
 $E = 4.19'$   
 P.C. STA. = 58+41.13  
 P.T. STA. = 59+41.13

**NOTES:**  
 1. SEE JNT 1 OF 1 FOR MORE INFORMATION.



**TYPICAL SECTIONS LEGEND**

-  CONSTRUCTION WORK ZONE
-  DIRECTION OF TRAFFIC
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURNING MONO DIRECTIONAL LIGHT IN ONE WAY OR MULTI WAY SECTIONS AND BI-DIRECTIONAL STEADY BURNING LIGHT IN TWO LANE TWO WAY ROADWAY SECTIONS.
- ① PAVEMENT MARKING TAPE, TYPE III 4" (SOLID, WHITE) (70300520)
- ② PAVEMENT MARKING TAPE, TYPE III 4" (SOLID, YELLOW) (70300520)
- ③ PAVEMENT MARKING TAPE, TYPE III 6" (SOLID, WHITE) (70300540)



PENTABLE = #PENTBLA#

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 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = mvasek(Rdwj_L1s1e)	DESIGNED - MAP	REVISED -
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PLOT SCALE = 1:1	CHECKED - MJV	REVISED -
PLOT DATE = 1/25/2016	DATE - 1/25/2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

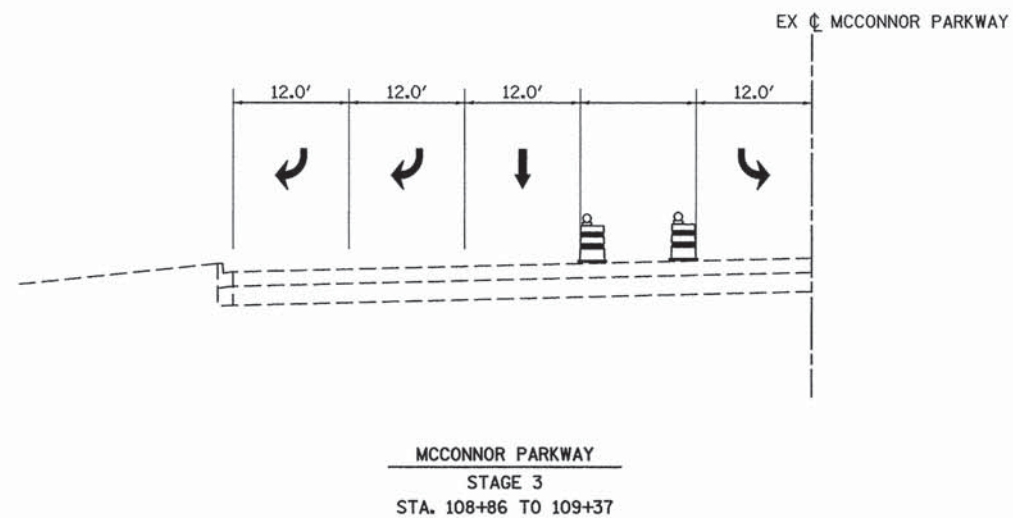
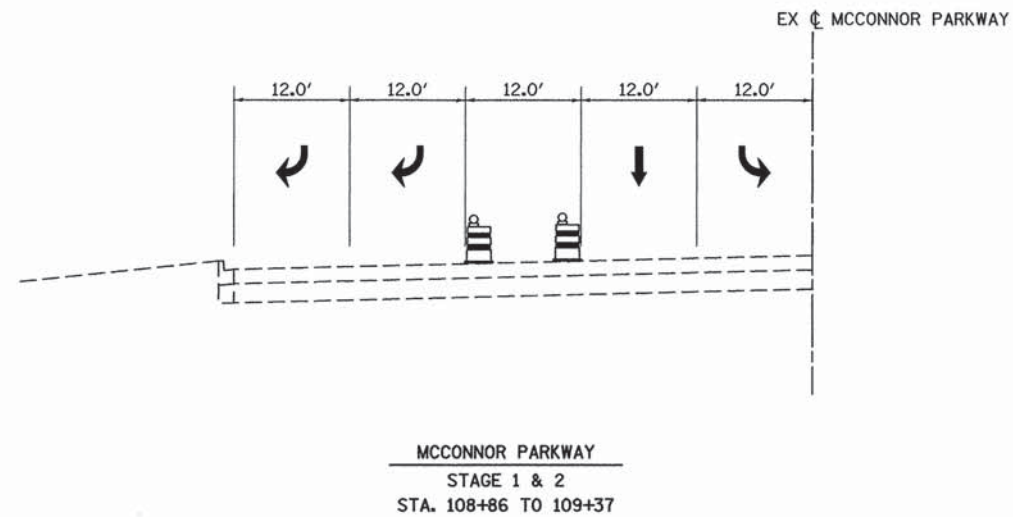
**WILEY ROAD AT TOWER ROAD  
 SUGGESTED STAGES OF CONSTRUCTION - TYPICAL SECTIONS**

SCALE: NTS    SHEET NO. MOT-01 OF 6    STA.    TO STA.

F.A.U. RTE. 2582	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 24
CONTRACT NO. 61C72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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**TYPICAL SECTIONS LEGEND**

	CONSTRUCTION WORK ZONE
	DIRECTION OF TRAFFIC
	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING MONO DIRECTIONAL LIGHT IN ONE WAY OR MULTI WAY SECTIONS AND BI-DIRECTIONAL STEADY BURNING LIGHT IN TWO LANE TWO WAY ROADWAY SECTIONS.
①	PAVEMENT MARKING TAPE, TYPE III 4" (SOLID, WHITE) (70300520)
②	PAVEMENT MARKING TAPE, TYPE III 4" (SOLID, YELLOW) (70300520)
③	PAVEMENT MARKING TAPE, TYPE III 6" (SOLID, WHITE) (70300540)

RENTABLE - #RENTBL04\*

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 4970 VARSITY DRIVE  
 LISLE, IL 60532  
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USER NAME = mvasak(Rdwy-Lisle)  
 PLOT CONFIG = PDFGrey\_Large.plt  
 PLOT SCALE = 1:1  
 PLOT DATE = 1/25/2016

DESIGNED - MAP  
 DRAWN - JAC  
 CHECKED - MJV  
 DATE - 1/25/2016

REVISED -  
 REVISED -  
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 REVISED -

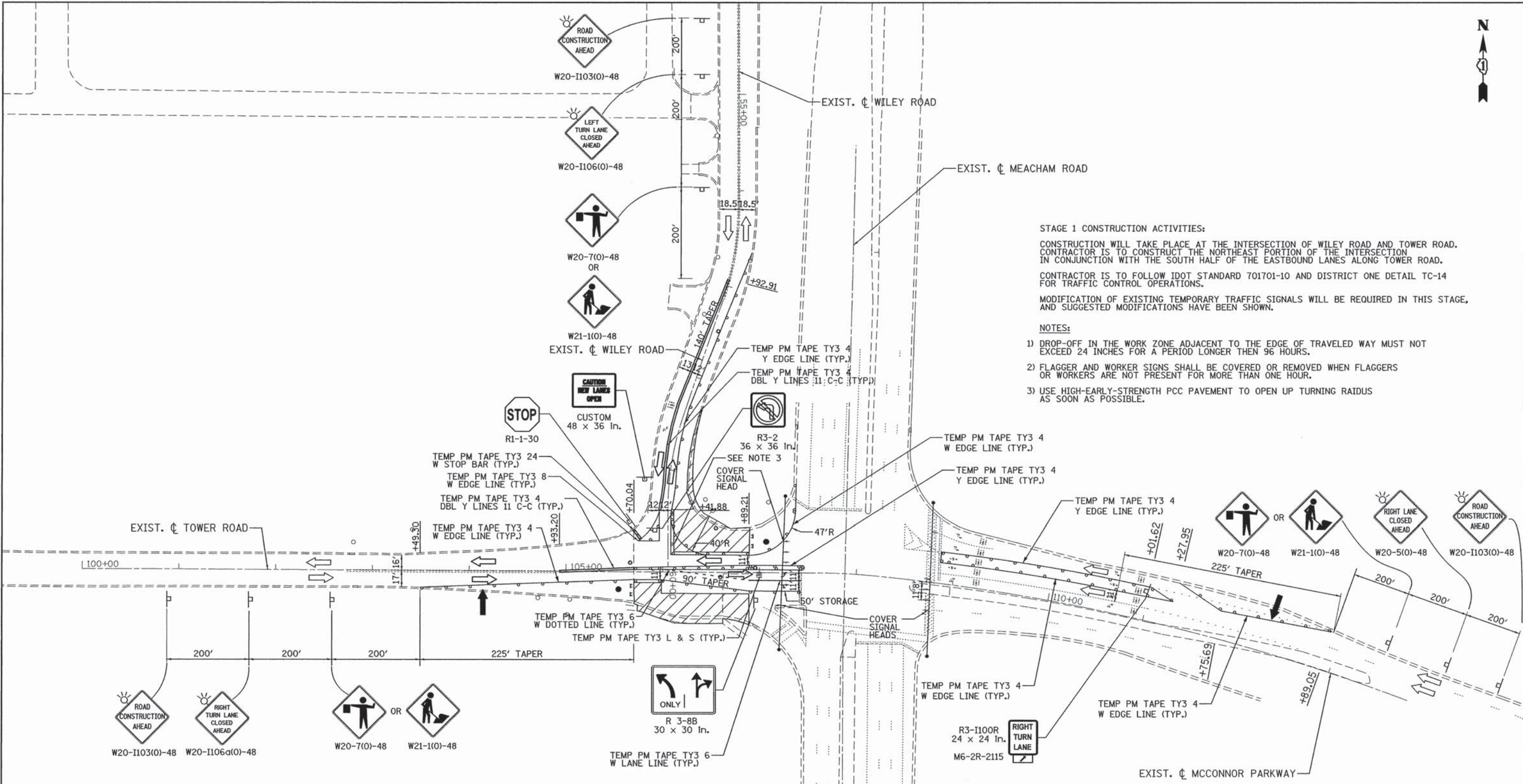
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WILEY ROAD AT TOWER ROAD  
 SUGGESTED STAGES OF CONSTRUCTION - TYPICAL SECTIONS**

SCALE: NTS      SHEET NO. MOT-02 OF 6      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	15-00120-00-RS	COOK	69	25
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C72	





**STAGE 1 CONSTRUCTION ACTIVITIES:**  
 CONSTRUCTION WILL TAKE PLACE AT THE INTERSECTION OF WILEY ROAD AND TOWER ROAD. CONTRACTOR IS TO CONSTRUCT THE NORTHEAST PORTION OF THE INTERSECTION IN CONJUNCTION WITH THE SOUTH HALF OF THE EASTBOUND LANES ALONG TOWER ROAD.  
 CONTRACTOR IS TO FOLLOW IDOT STANDARD 701701-10 AND DISTRICT ONE DETAIL TC-14 FOR TRAFFIC CONTROL OPERATIONS.  
 MODIFICATION OF EXISTING TEMPORARY TRAFFIC SIGNALS WILL BE REQUIRED IN THIS STAGE, AND SUGGESTED MODIFICATIONS HAVE BEEN SHOWN.

- NOTES:**
- 1) DROP-OFF IN THE WORK ZONE ADJACENT TO THE EDGE OF TRAVELED WAY MUST NOT EXCEED 24 INCHES FOR A PERIOD LONGER THEN 96 HOURS.
  - 2) FLAGGER AND WORKER SIGNS SHALL BE COVERED OR REMOVED WHEN FLAGGERS OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
  - 3) USE HIGH-EARLY-STRENGTH PCC PAVEMENT TO OPEN UP TURNING RADIUS AS SOON AS POSSIBLE.

- LEGEND**
- WORK ZONE
  - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHT @ 50' CENTERS (25' CENTERS ALONG TAPERS)
  - TYPE III BARRICADE WITH STEADY BURNING LIGHT
  - CONSTRUCTION SIGN PER IDOT STANDARDS
  - DIRECTION OF TRAFFIC
  - ARROW BOARD
  - FLAGGER WITH TRAFFIC CONTROL SIGN

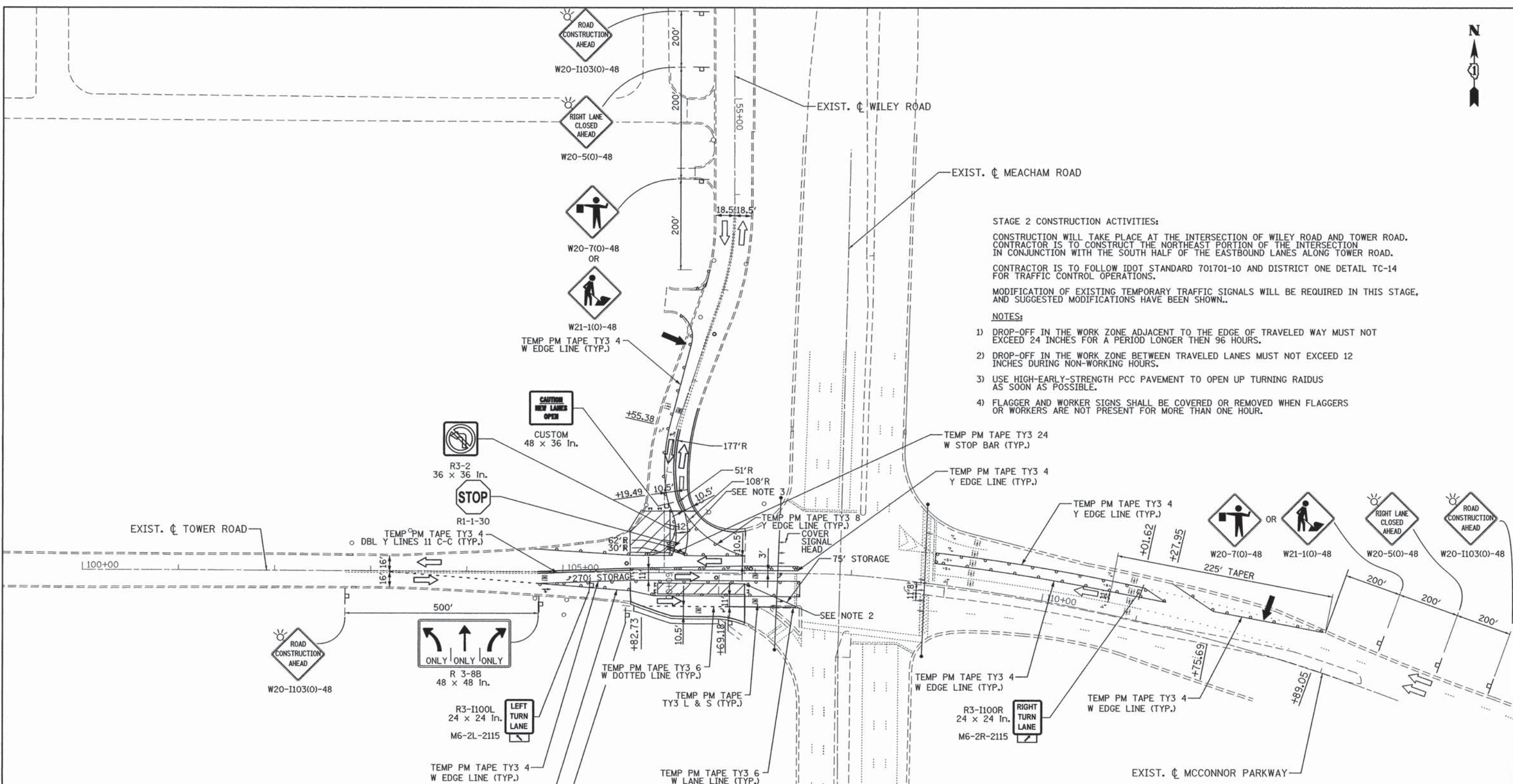
PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvasek(Rdwj.Lisle)	DESIGNED - MAP	REVISED -
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	PLOT DATE = 2/9/2016	DATE - 1/25/2016	REVISED -

<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>			
<b>WILEY ROAD AT TOWER ROAD          SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL - STAGE 1</b>			

SCALE: 1"=50'	SHEET NO. MOT-03 OF 6	STA. STA. 100+00 TO STA. STA. 113+00	F.A.U. RTE. 2582	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 26
			CONTRACT NO. 61C72 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PENTABLE = #PENTBLA\*  
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**STAGE 2 CONSTRUCTION ACTIVITIES:**  
 CONSTRUCTION WILL TAKE PLACE AT THE INTERSECTION OF WILEY ROAD AND TOWER ROAD. CONTRACTOR IS TO CONSTRUCT THE NORTHEAST PORTION OF THE INTERSECTION IN CONJUNCTION WITH THE SOUTH HALF OF THE EASTBOUND LANES ALONG TOWER ROAD.  
 CONTRACTOR IS TO FOLLOW IDOT STANDARD 701701-10 AND DISTRICT ONE DETAIL TC-14 FOR TRAFFIC CONTROL OPERATIONS.  
 MODIFICATION OF EXISTING TEMPORARY TRAFFIC SIGNALS WILL BE REQUIRED IN THIS STAGE, AND SUGGESTED MODIFICATIONS HAVE BEEN SHOWN.

- NOTES:**
- 1) DROP-OFF IN THE WORK ZONE ADJACENT TO THE EDGE OF TRAVELED WAY MUST NOT EXCEED 24 INCHES FOR A PERIOD LONGER THEN 96 HOURS.
  - 2) DROP-OFF IN THE WORK ZONE BETWEEN TRAVELED LANES MUST NOT EXCEED 12 INCHES DURING NON-WORKING HOURS.
  - 3) USE HIGH-EARLY-STRENGTH PCC PAVEMENT TO OPEN UP TURNING RAIDUS AS SOON AS POSSIBLE.
  - 4) FLAGGER AND WORKER SIGNS SHALL BE COVERED OR REMOVED WHEN FLAGGERS OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.

**LEGEND**

	WORK ZONE
	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHT & 50' CENTERS (25' CENTERS ALONG TAPERS)
	TYPE III BARRICADE WITH STEADY BURNING LIGHT
	CONSTRUCTION SIGN PER IDOT STANDARDS
	DIRECTION OF TRAFFIC
	ARROW BOARD
	FLAGGER WITH TRAFFIC CONTROL SIGN

 PATRICK ENGINEERING 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvasek(Rdwj.Lisle)	DESIGNED - MJV	REVISED - 10/7/2014
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	PLOT DATE = 2/9/2016	DATE - 1/25/2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WILEY ROAD AT TOWER ROAD  
 SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL - STAGE 2**

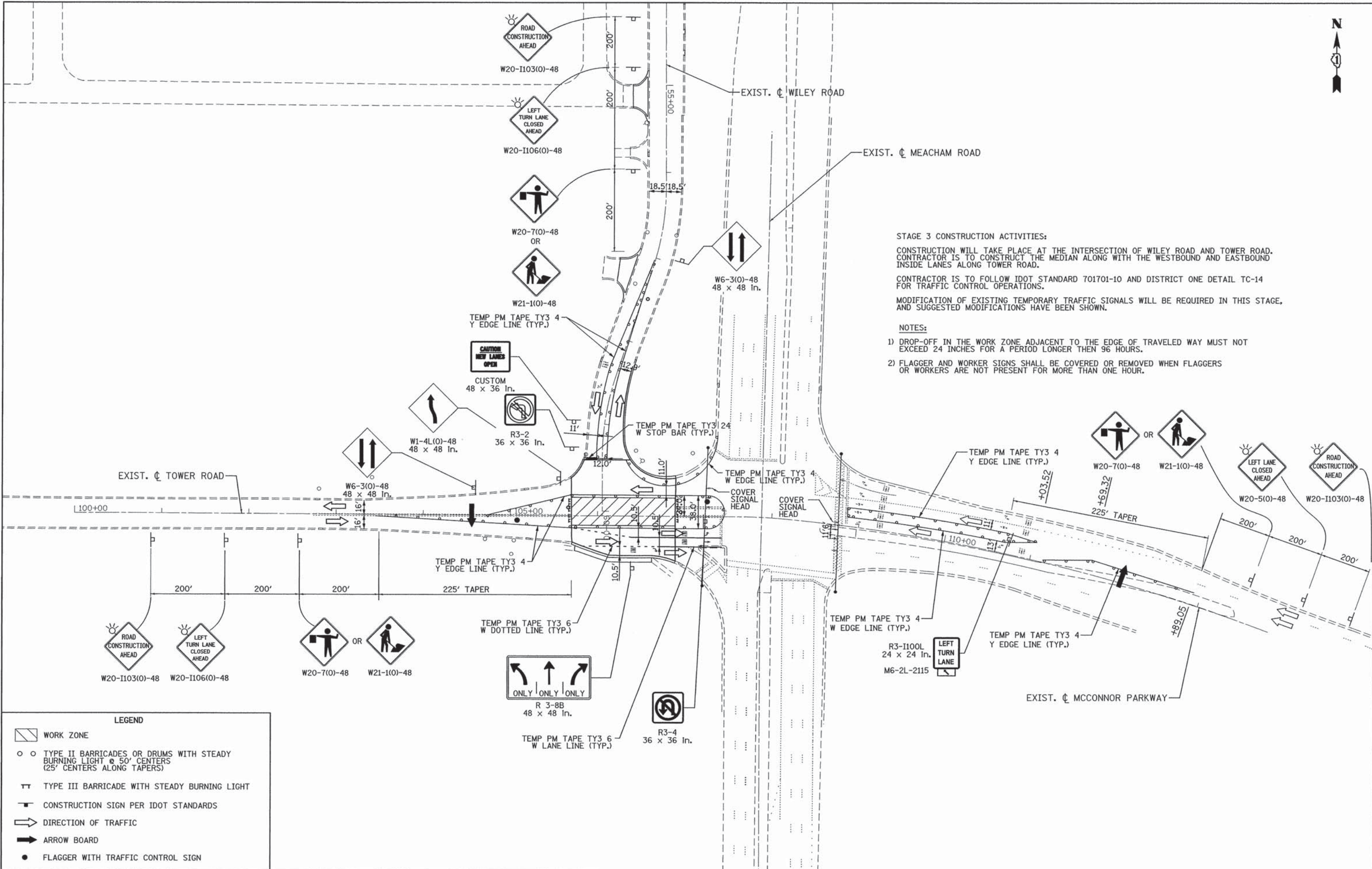
SCALE: 1"=50'      SHEET NO. MOT-04 OF 6      STA. STA. 100+00 TO STA. STA. 113+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	15-00120-00-RS	COOK	69	27
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61C72	

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**STAGE 3 CONSTRUCTION ACTIVITIES:**  
 CONSTRUCTION WILL TAKE PLACE AT THE INTERSECTION OF WILEY ROAD AND TOWER ROAD. CONTRACTOR IS TO CONSTRUCT THE MEDIAN ALONG WITH THE WESTBOUND AND EASTBOUND INSIDE LANES ALONG TOWER ROAD.  
 CONTRACTOR IS TO FOLLOW IDOT STANDARD 701701-10 AND DISTRICT ONE DETAIL TC-14 FOR TRAFFIC CONTROL OPERATIONS.  
 MODIFICATION OF EXISTING TEMPORARY TRAFFIC SIGNALS WILL BE REQUIRED IN THIS STAGE, AND SUGGESTED MODIFICATIONS HAVE BEEN SHOWN.

**NOTES:**

- 1) DROP-OFF IN THE WORK ZONE ADJACENT TO THE EDGE OF TRAVELED WAY MUST NOT EXCEED 24 INCHES FOR A PERIOD LONGER THEN 96 HOURS.
- 2) FLAGGER AND WORKER SIGNS SHALL BE COVERED OR REMOVED WHEN FLAGGERS OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.

**LEGEND**

- WORK ZONE
- TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHT @ 50' CENTERS (25' CENTERS ALONG TAPERS)
- TYPE III BARRICADE WITH STEADY BURNING LIGHT
- CONSTRUCTION SIGN PER IDOT STANDARDS
- DIRECTION OF TRAFFIC
- ARROW BOARD
- FLAGGER WITH TRAFFIC CONTROL SIGN

PATRICK ENGINEERING 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvosak(Rdwg.Lis1e)	DESIGNED - MAP	REVISED -
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WILEY ROAD AT TOWER ROAD  
 SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL - STAGE 3**

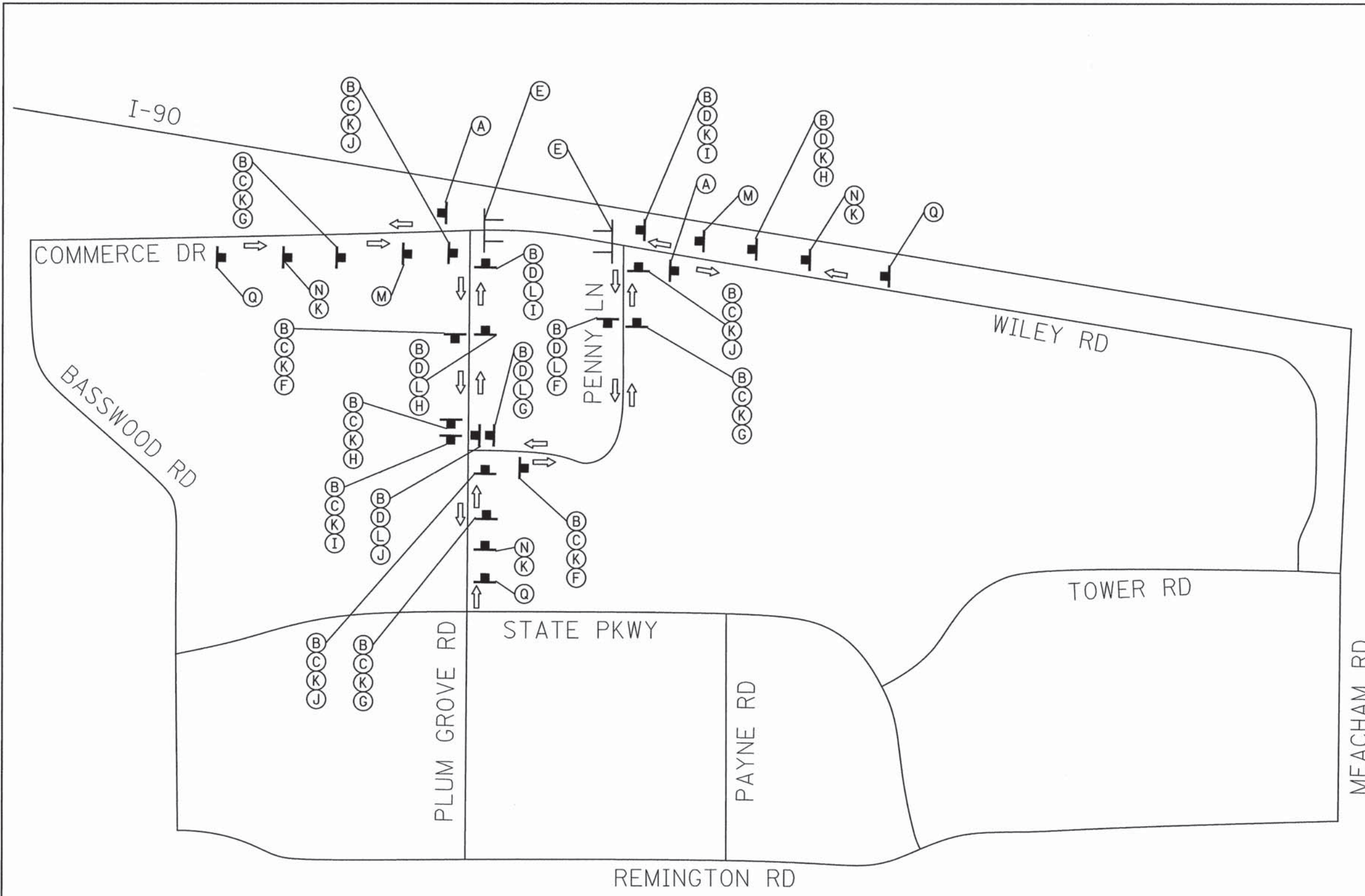
SCALE: 1"=50'    SHEET NO. MOT-05 OF 6    STA. STA. 100+00 TO STA. STA. 113+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	15-00120-00-RS	COOK	69	28
CONTRACT NO. 61C72				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				

PENTABLE = #PENTBLA\*

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- A**

M4-8a  
(24 x 18)

**B**

M1-7-219  
(21 x 9)

**C**

M3-1-219  
(21 x 9)
- D**

M3-4-219  
(21 x 9)

**E**

R11-2  
(48 x 30)

**F**

M6-3-2115  
(21 x 15)
- G**

M5-1R-2115  
(21 x 15)

**H**

M5-1L-2115  
(21 x 15)

**I**

M6-1L-2115  
(21 x 15)
- J**

M6-1R-2115  
(21 x 15)

**K**

(24 x 18)

**L**

(24 x 18)
- M**

W20-3-4848  
(48 x 48)

**N**

W20-2-4848  
(48 x 48)

**Q**

W20-3(0)-48  
(48 x 48)
- P**

M3-3-219  
(21 x 9)

**|||**

TYPE III BARRICADES

- NOTES:**
1. ALL SIGN DIMENSIONS ARE SHOWN IN INCHES.
  2. ALL SIGNS SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR. PAYMENT SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR PAY ITEM \*X7010216 "TRAFFIC CONTROL AND PROTECTION (SPECIAL)"

RENTABLE - #RENTAL#

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 PATRICK ENGINEERING INC.  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = mvosak(Rdwy-Lisle)	DESIGNED - JAC	REVISED -
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PLOT DATE = 2/9/2016	DATE - 1/25/2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD  
 DETOUR PLAN**

SCALE: NTS      SHEET NO. MOT-06 OF 6      STA.      TO STA.

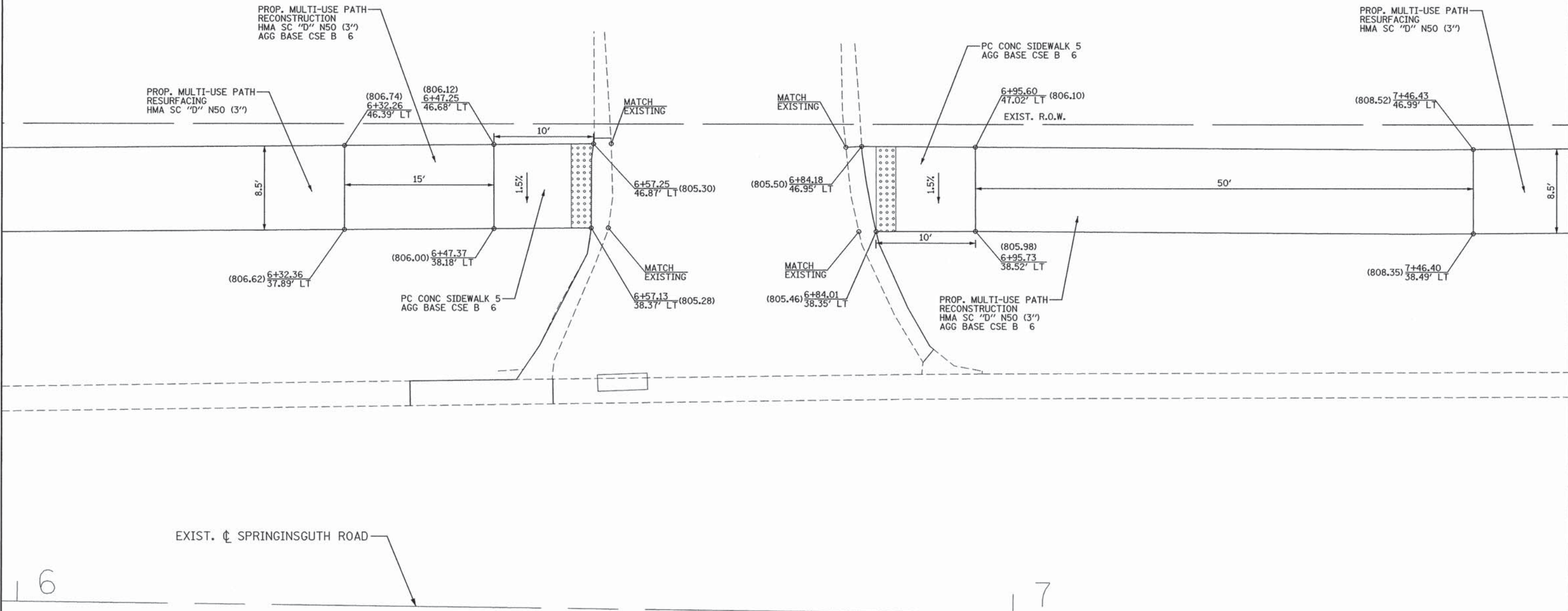
F.A.U. RTE. 2582	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 29
FED. ROAD DIST. NO.      ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C72	





**NOTE:**  
 DETECTABLE WARNINGS ARE TO EXTEND 2' FROM BACK OF CURB LINE  
 FOR ENTIRE WIDTH OF SIDEWALK


**LEGEND:**  
 PROPOSED DETECTABLE WARNINGS



EXIST.  $\phi$  SPRINGINGUTH ROAD

16

17

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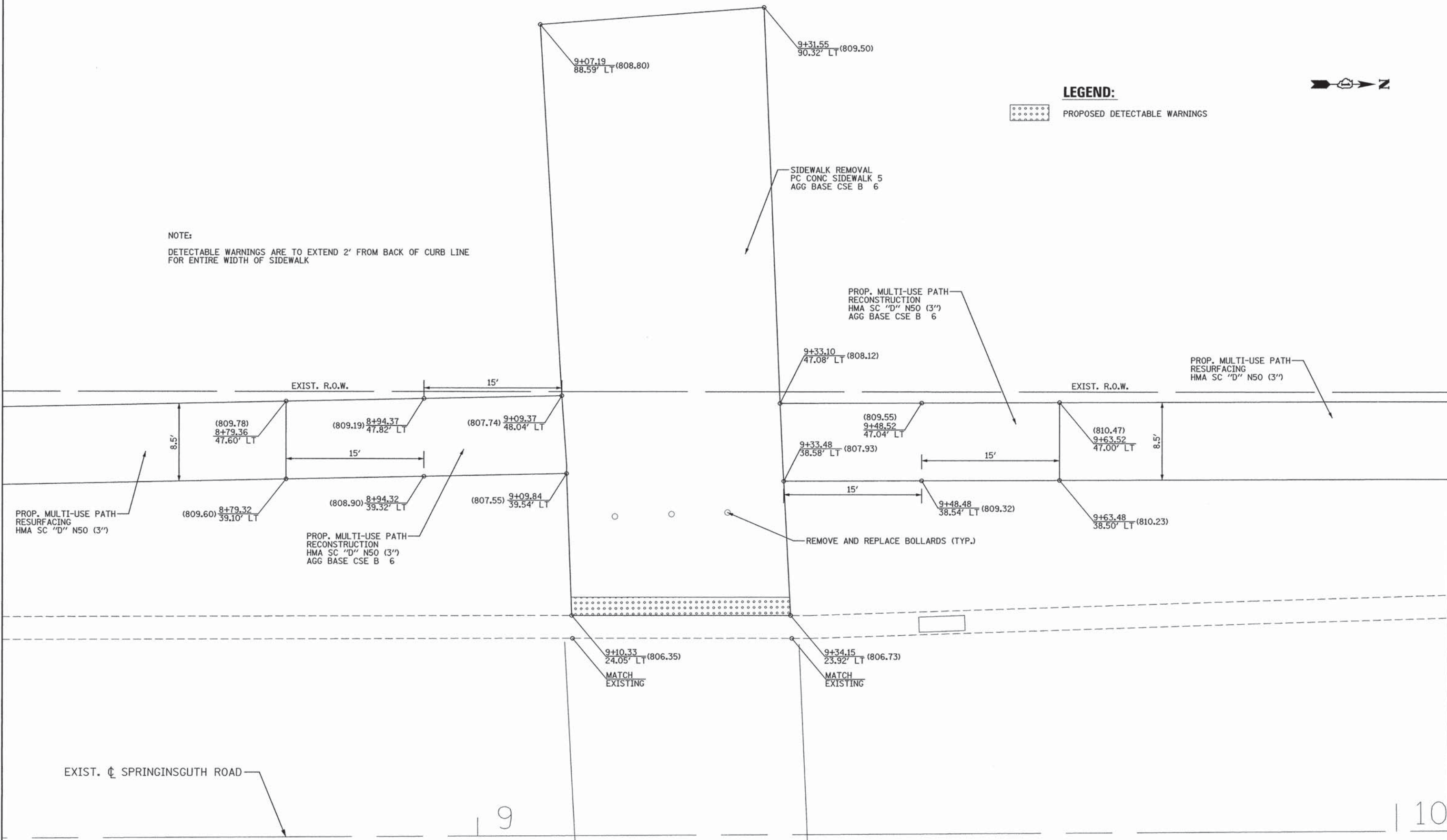


**LEGEND:**

 PROPOSED DETECTABLE WARNINGS

**NOTE:**


DETECTABLE WARNINGS ARE TO EXTEND 2' FROM BACK OF CURB LINE FOR ENTIRE WIDTH OF SIDEWALK



EXIST.  $\phi$  SPRINGSGUTH ROAD

19

10

 PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvosak(Rdwy-Lisle)	DESIGNED - JAC	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGSGUTH ROAD FROM METRA ENTRANCE TO IRVING PARK ROAD</b> <b>SIDEWALK CURB RAMP DETAILS</b>		F.A.U. RTE. 2562	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 31
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PATRICK ENGINEERING	PLOT SCALE = 1:5	CHECKED - MJV	REVISED -								
	PLOT DATE = 2/9/2016	DATE - 1/25/2016	REVISED -								

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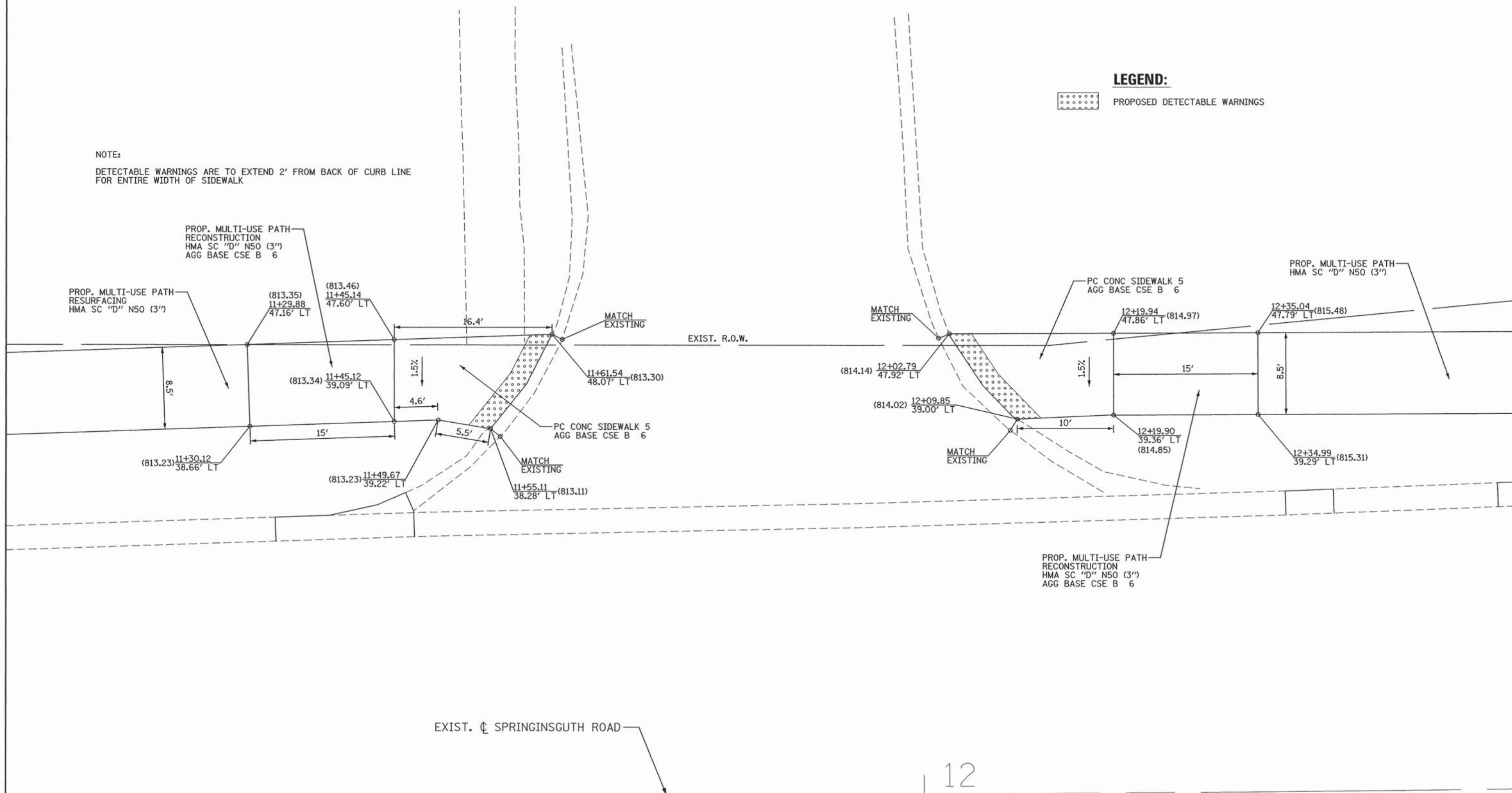





**LEGEND:**

 PROPOSED DETECTABLE WARNINGS

NOTE:  
DETECTABLE WARNINGS ARE TO EXTEND 2' FROM BACK OF CURB LINE FOR ENTIRE WIDTH OF SIDEWALK



12


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	SCALE: 1"=5'      SHEET SW-03 OF 7      STA. TO STA.				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
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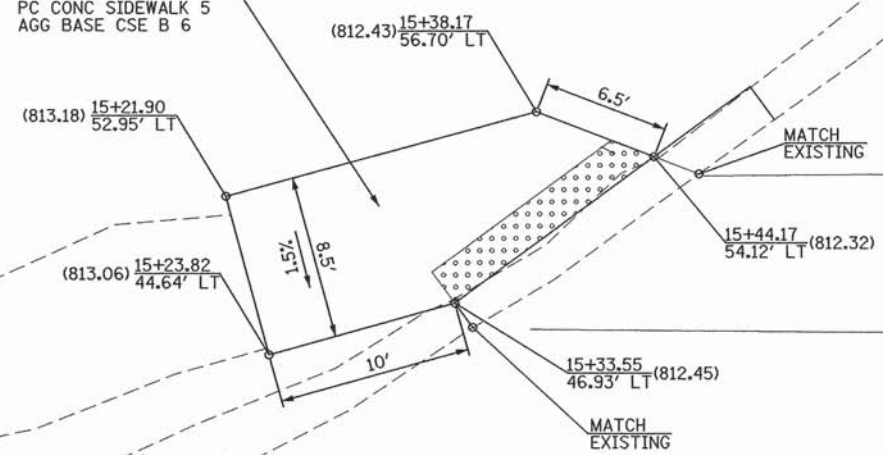
NOTE:  
DETECTABLE WARNINGS ARE TO EXTEND 2' FROM BACK OF CURB LINE FOR ENTIRE WIDTH OF SIDEWALK

**LEGEND:**

 PROPOSED DETECTABLE WARNINGS


SIDEWALK REMOVAL  
PC CONC SIDEWALK 5  
AGG BASE CSE B 6

PROP. MULTI-USE PATH  
RESURFACING  
HMA SC "D" N50 (3")



EXIST.  $\phi$  SPRINGINSGUTH ROAD

15+00

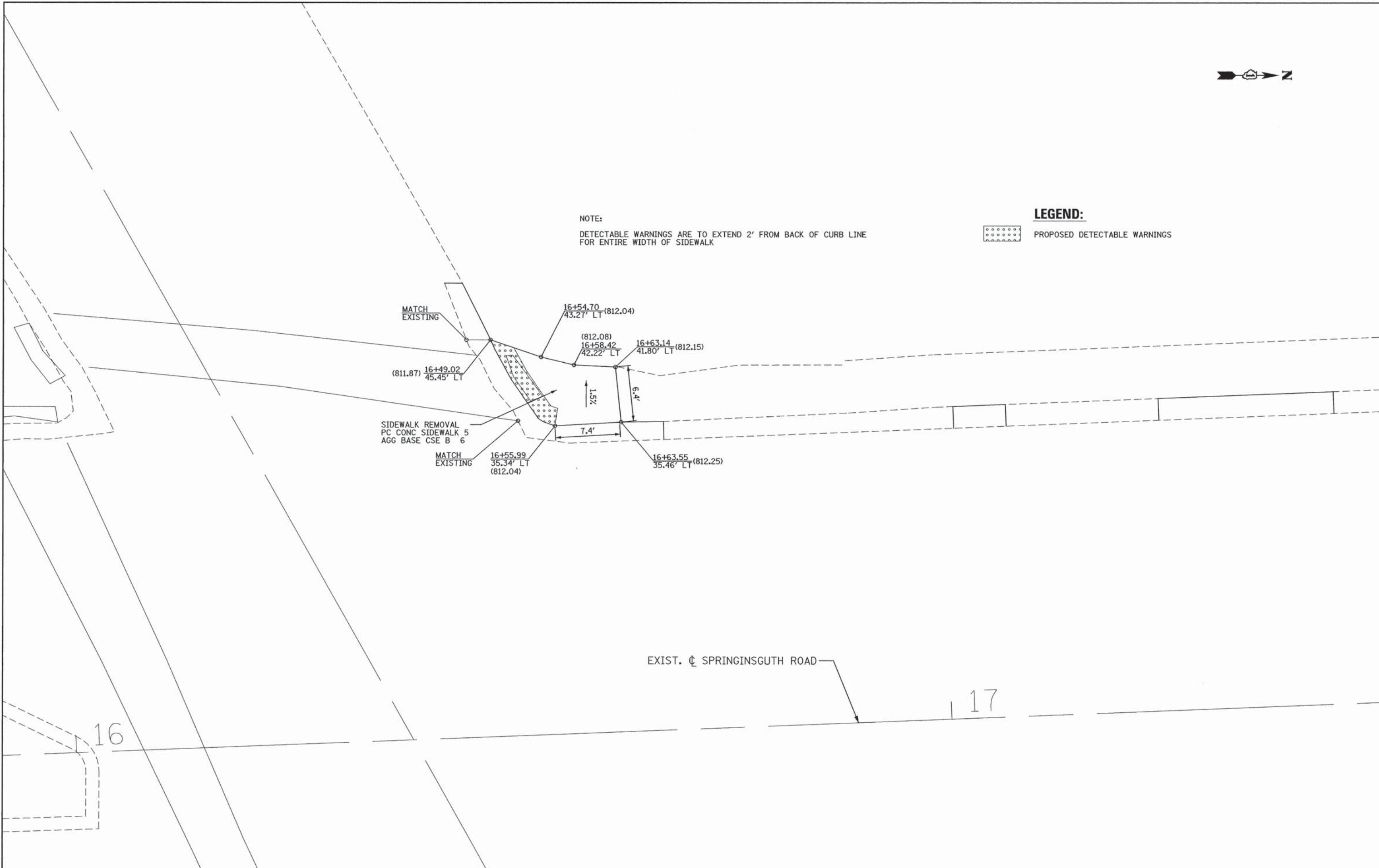
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	SCALE: 1"=5'      SHEET SW-04 OF 7      STA. TO STA.		FED. ROAD DIST. NO.					





**NOTE:**  
 DETECTABLE WARNINGS ARE TO EXTEND 2' FROM BACK OF CURB LINE  
 FOR ENTIRE WIDTH OF SIDEWALK

**LEGEND:**  
 PROPOSED DETECTABLE WARNINGS



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 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = mvasak(Rdeg\_Lisle)  
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 PLOT DATE = 2/9/2016

DESIGNED - JAC  
 DRAWN - JAC  
 CHECKED - MJV  
 DATE - 1/25/2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SPRINGINGUTH ROAD FROM METRA ENTRANCE TO IRVING PARK ROAD  
 SIDEWALK CURB RAMP DETAILS**

F.A.U. RTE. 2562	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 34
FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C72	





**NOTE:**

DETECTABLE WARNINGS ARE TO EXTEND 2' FROM BACK OF CURB LINE FOR ENTIRE WIDTH OF SIDEWALK

**LEGEND:**

 PROPOSED DETECTABLE WARNINGS

PROP. MULTI-USE PATH  
RESURFACING  
HMA SC "D" N50 (3")

PC CONC SIDEWALK 5  
AGG BASE CSE B 6

23+48.34 (807.75)  
47.93' LT

23+57.02 (808.08)  
47.89' LT

(808.37) 23+72.02  
47.81' LT

MATCH  
EXISTING

(807.97) 23+52.06  
41.67' LT

(807.36) 23+38.16  
43.38' LT

MATCH  
EXISTING

23+50.83 (807.70)  
38.95' LT

(808.14) 23+56.99  
40.83' LT

PROP. MULTI-USE PATH  
RECONSTRUCTION  
HMA SC "D" N50 (3")  
AGG BASE CSE B 6

23+71.97 (808.56)  
38.28' LT

(807.39) 22+58.42  
41.52' LT

(807.42) 22+51.75  
41.63' LT

PC CONC SIDEWALK 5  
AGG BASE CSE B 6


(807.47) 22+51.53  
35.63' LT

22+57.56 (807.50)  
35.54' LT

22+67.14 (807.06)  
41.90' LT

EXIST.  $\phi$  SPRINGINSGUTH ROAD

23

 <b>PATRICK ENGINEERING</b> PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvosak(Rdwy.Lisle)	DESIGNED - JAC	REVISED -
	PLOT CONFIG = PDF(Grey.Large).plt	DRAWN - JAC	REVISED -
	PLOT SCALE = 1/8"	CHECKED - MJV	REVISED -
	PLOT DATE = 2/9/2016	DATE - 1/25/2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SPRINGINSGUTH ROAD FROM METRA ENTRANCE TO IRVING PARK ROAD  
SIDEWALK CURB RAMP DETAILS**

SCALE: 1"=5' SHEET SW-06 OF 7 STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2562	15-00120-00-RS	COOK	69	35
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C72	

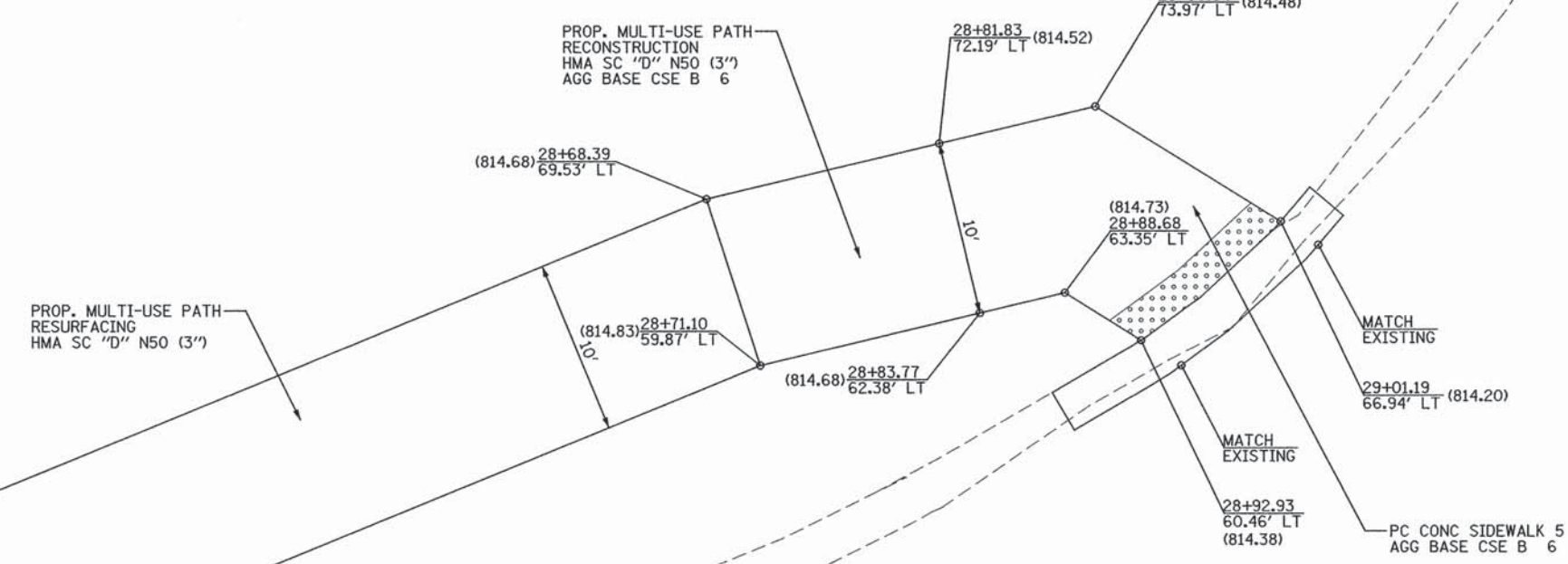
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EXIST. R.O.W.

**LEGEND:**  
 PROPOSED DETECTABLE WARNINGS



EXIST.  $\phi$  IRVING PARK ROAD

EXIST.  $\phi$  SPRINGSGUTH ROAD

29

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 PATRICK ENGINEERING INC.  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = mvasak(Rdwy\_L1s1e)  
 PLOT CONFIG = PDF(Grey\_Large).plt  
 PLOT SCALE = 1:5  
 PLOT DATE = 2/9/2016

DESIGNED - JAC  
 DRAWN - JAC  
 CHECKED - MJV  
 DATE - 11/12/15

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

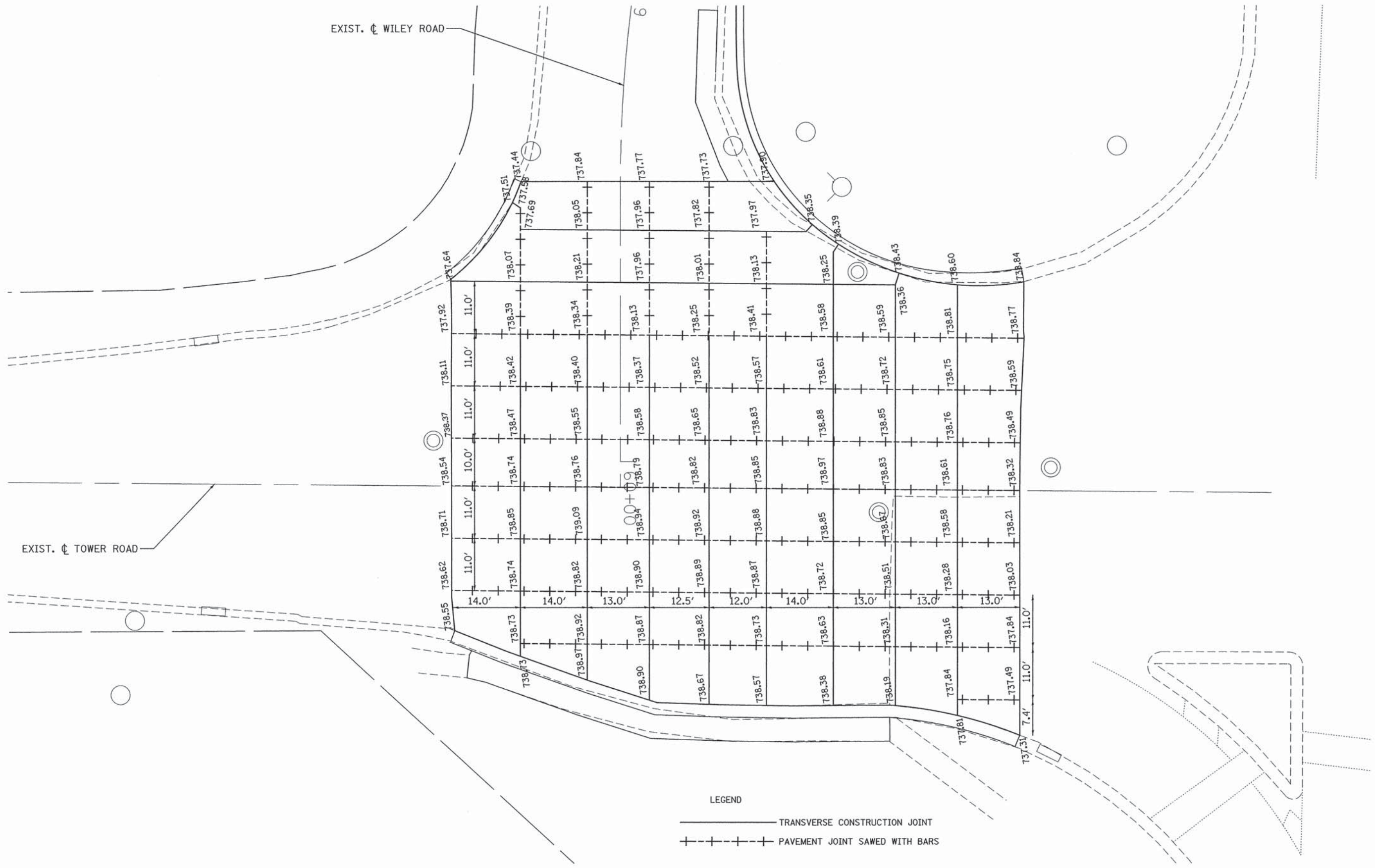
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SPRINGSGUTH ROAD FROM METRA ENTRANCE TO IRVING PARK ROAD  
 SIDEWALK CURB RAMP DETAILS**

SCALE: 1"=5' SHEET SW-07 OF 7 STA. TO STA.

F.A.U. RTE. 2562	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 36
CONTRACT NO. 61C72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				





**LEGEND**

————— TRANSVERSE CONSTRUCTION JOINT

- - - - - PAVEMENT JOINT SAWED WITH BARS

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USER NAME = mvasak(Rdwy\_Lisle)  
 PLOT CONFIG = PDF(Grey\_Large).plt  
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 PLOT DATE = 1/25/2016

DESIGNED - EJB  
 DRAWN - EJB  
 CHECKED - MJV  
 DATE - 1/25/2016

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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

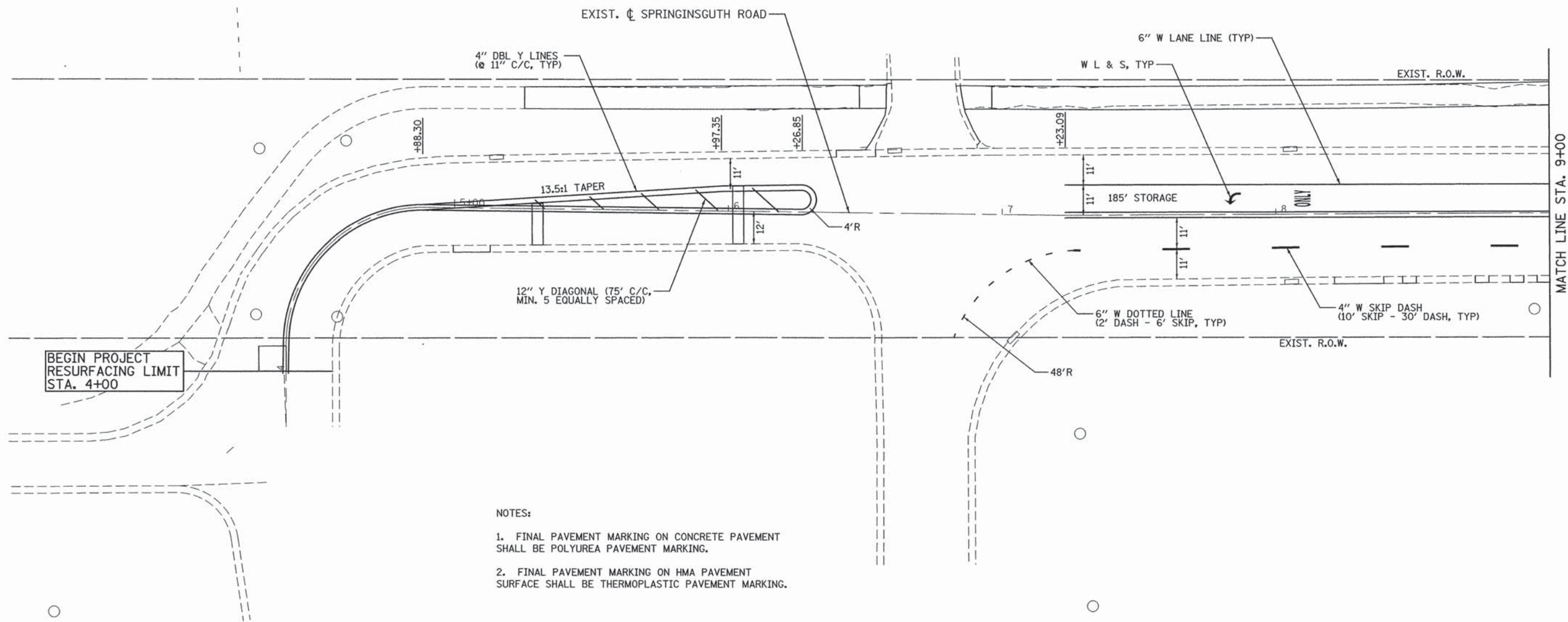
**TOWER ROAD  
 JOINTING PLAN**

SCALE: 1"=10'  
 SHEET JNT-01 OF 1  
 STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	15-00120-00-RS	COOK	69	37
CONTRACT NO. 61C72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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- NOTES:
1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
  2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.



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USER NAME = mvosak(Rdwj.Lisle)  
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 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

DESIGNED - JAC  
 DRAWN - JAC  
 CHECKED - MJV  
 DATE - 1/25/2016

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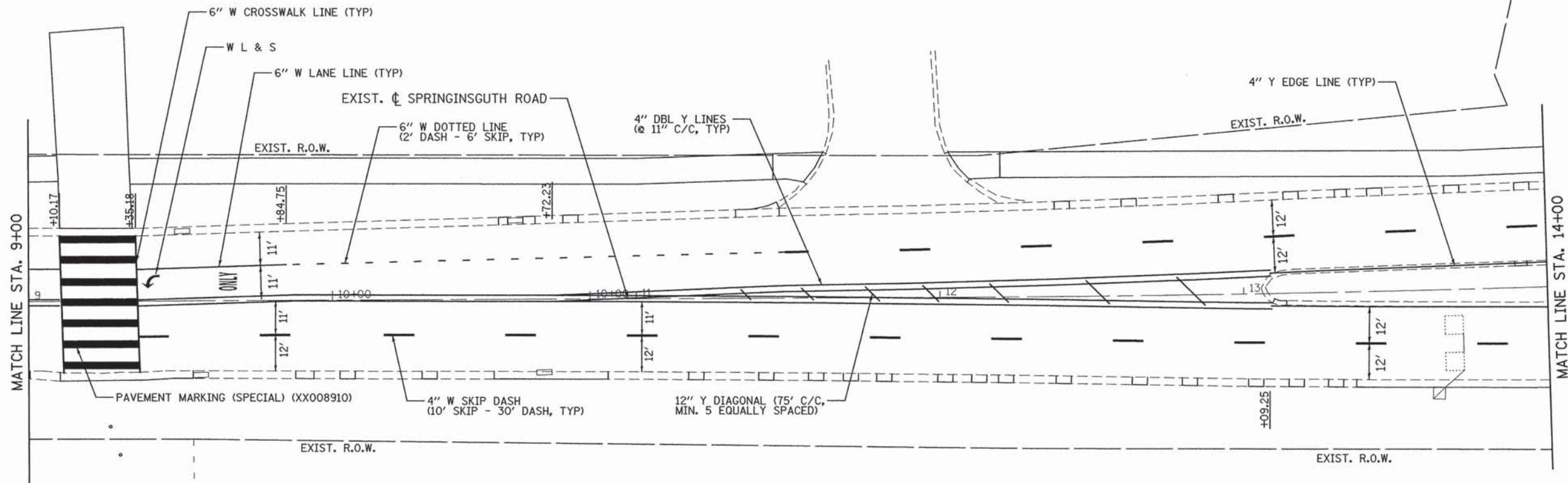
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SPRINGINGSUTH ROAD FROM METRA ENTRANCE TO IRVING PARK ROAD  
 PAVEMENT MARKING PLAN**

SCALE: 1"=20' SHEET PMK-01 OF 15 STA. BEGIN TO STA. 9+00

F.A.U. RTE. 2562	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 38
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 61C72				





NOTES:

1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

**PATRICK ENGINEERING**  
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 LISLE, IL 60532  
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USER NAME = mvosak(Rdwy-Lisle)  
 PLOT CONFIG = PDF(Grey\_Large).plt  
 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

DESIGNED - JAC  
 DRAWN - JAC  
 CHECKED - MJV  
 DATE - 1/25/2016

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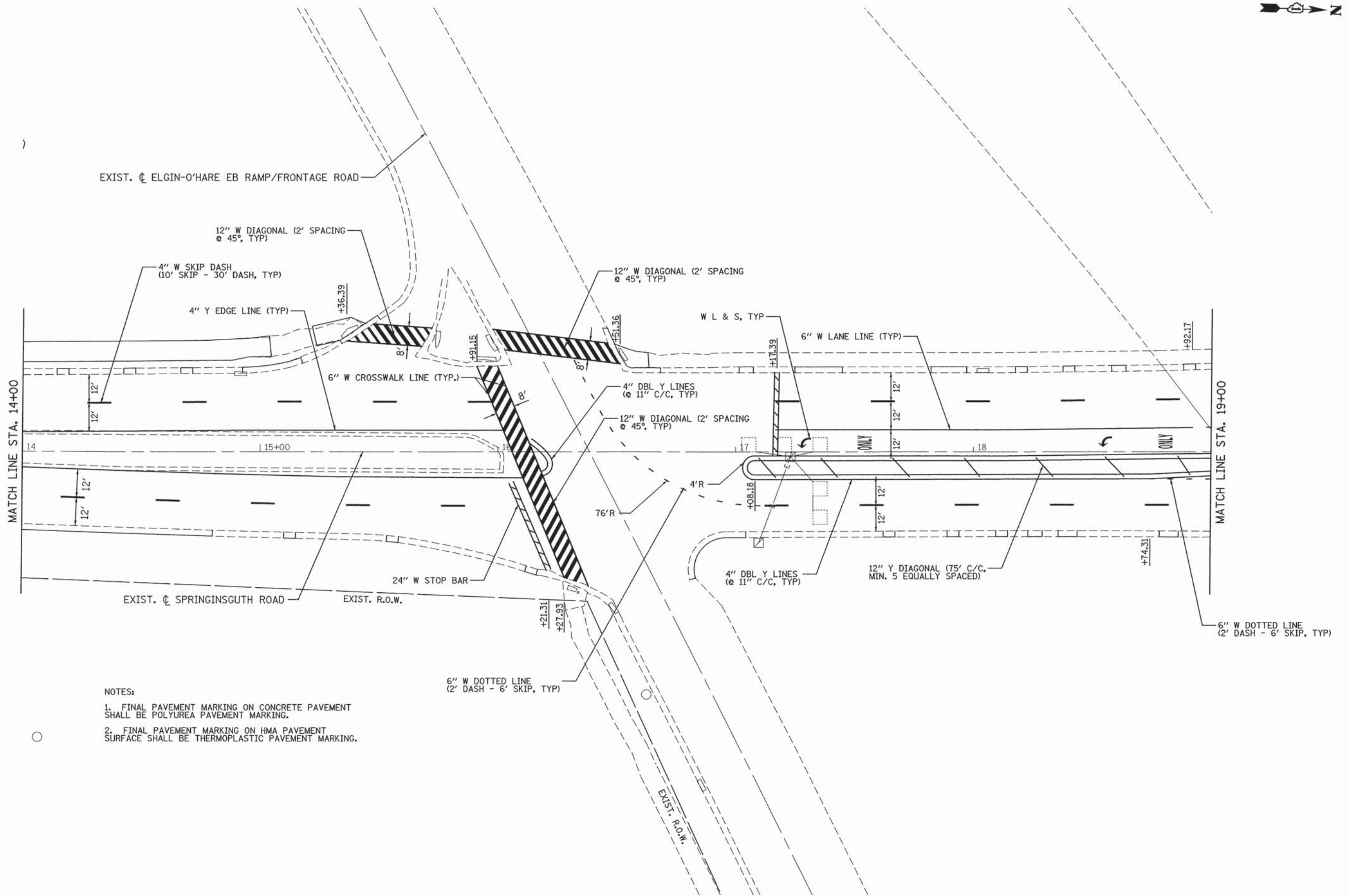
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SPRINGINGUTH ROAD FROM METRA ENTRANCE TO IRVING PARK ROAD  
 PAVEMENT MARKING PLAN**

SCALE: 1"=20'    SHEET PMK-02 OF 15    STA. 9+00 TO STA. 14+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2562	15-00120-00-RS	COOK	69	39
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C72	





- NOTES:
1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
  2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

**PATRICK ENGINEERING**  
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USER NAME = mvosak(Rdwy\_Lisle)  
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 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

DESIGNED - JAC  
 DRAWN - JAC  
 CHECKED - MJV  
 DATE - 1/25/2016

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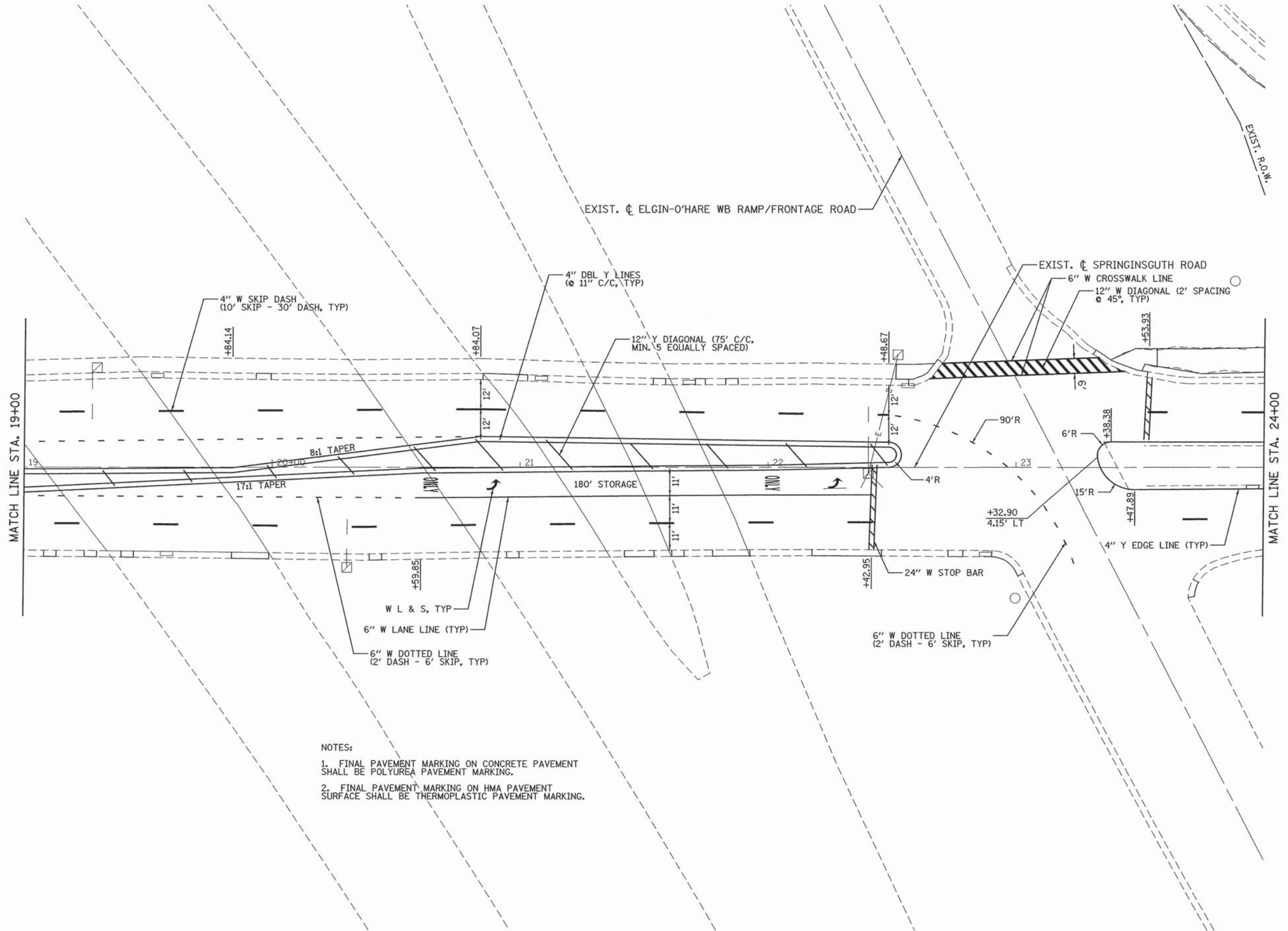
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SPRINGINGUTH ROAD FROM METRA ENTRANCE TO IRVING PARK ROAD  
 PAVEMENT MARKING PLAN**

SCALE: 1"=20' SHEET PMK-03 OF 15 STA. 14+00 TO STA. 19+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2562	15-00120-00-RS	COOK	69	40
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C72	





- NOTES:
1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
  2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

**PATRICK ENGINEERING**  
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 LISLE, IL 60532  
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USER NAME = mvosak(Rdwy\_Lisle)  
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 PLOT DATE = 1/25/2016

DESIGNED - JAC  
 DRAWN - JAC  
 CHECKED - MJV  
 DATE - 1/25/2016

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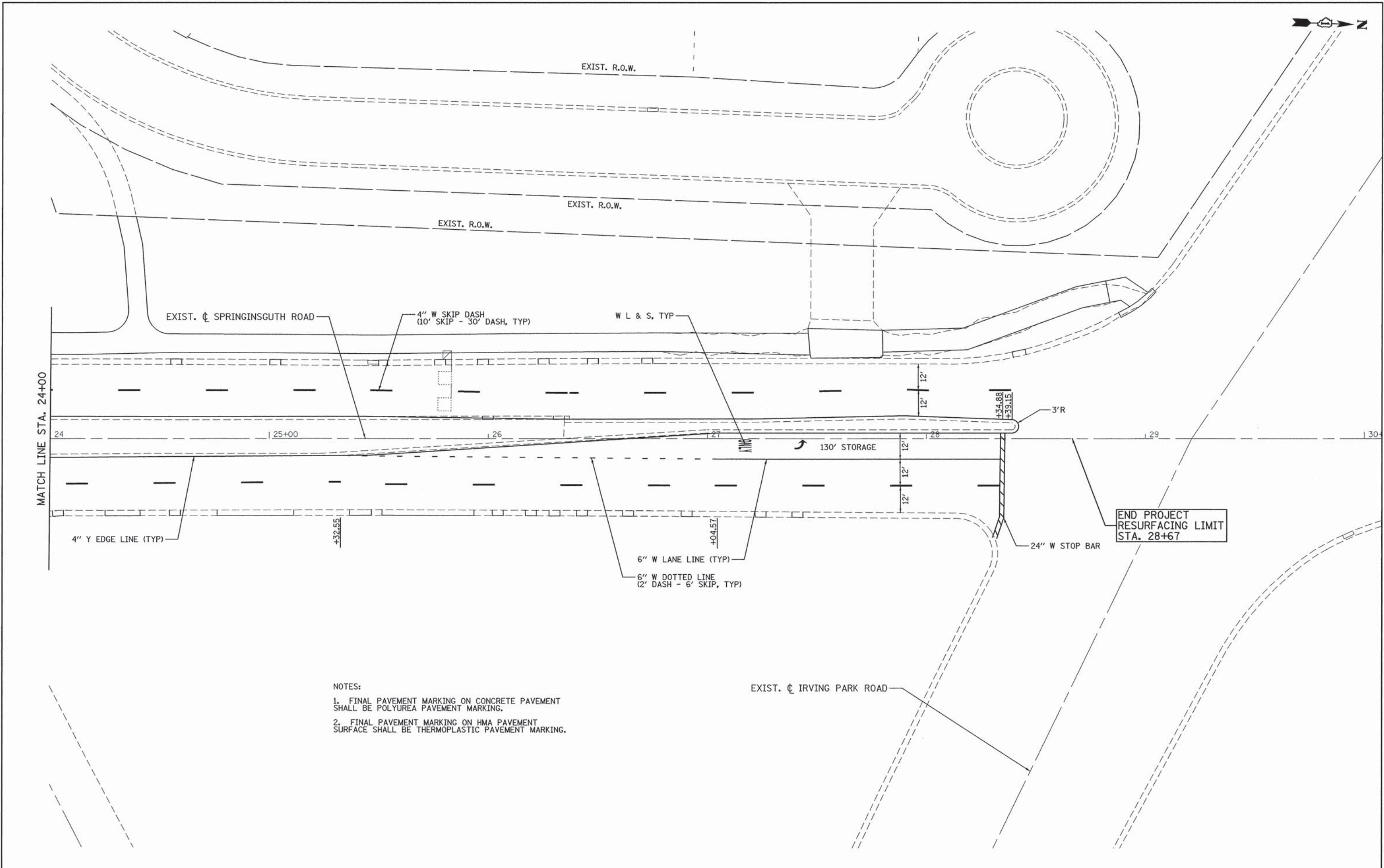
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SPRINGINGSUTH ROAD FROM METRA ENTRANCE TO IRVING PARK ROAD  
 PAVEMENT MARKING PLAN**

SCALE: 1"=20' SHEET PMK-04 OF 15 STA. 19+00 TO STA. 24+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2562	15-00120-00-RS	COOK	69	41
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C72	





- NOTES:
1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
  2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

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USER NAME = mvosak(Rdwg-L1sle)  
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 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

DESIGNED - JAC  
 DRAWN - JAC  
 CHECKED - MJV  
 DATE - 1/25/2016

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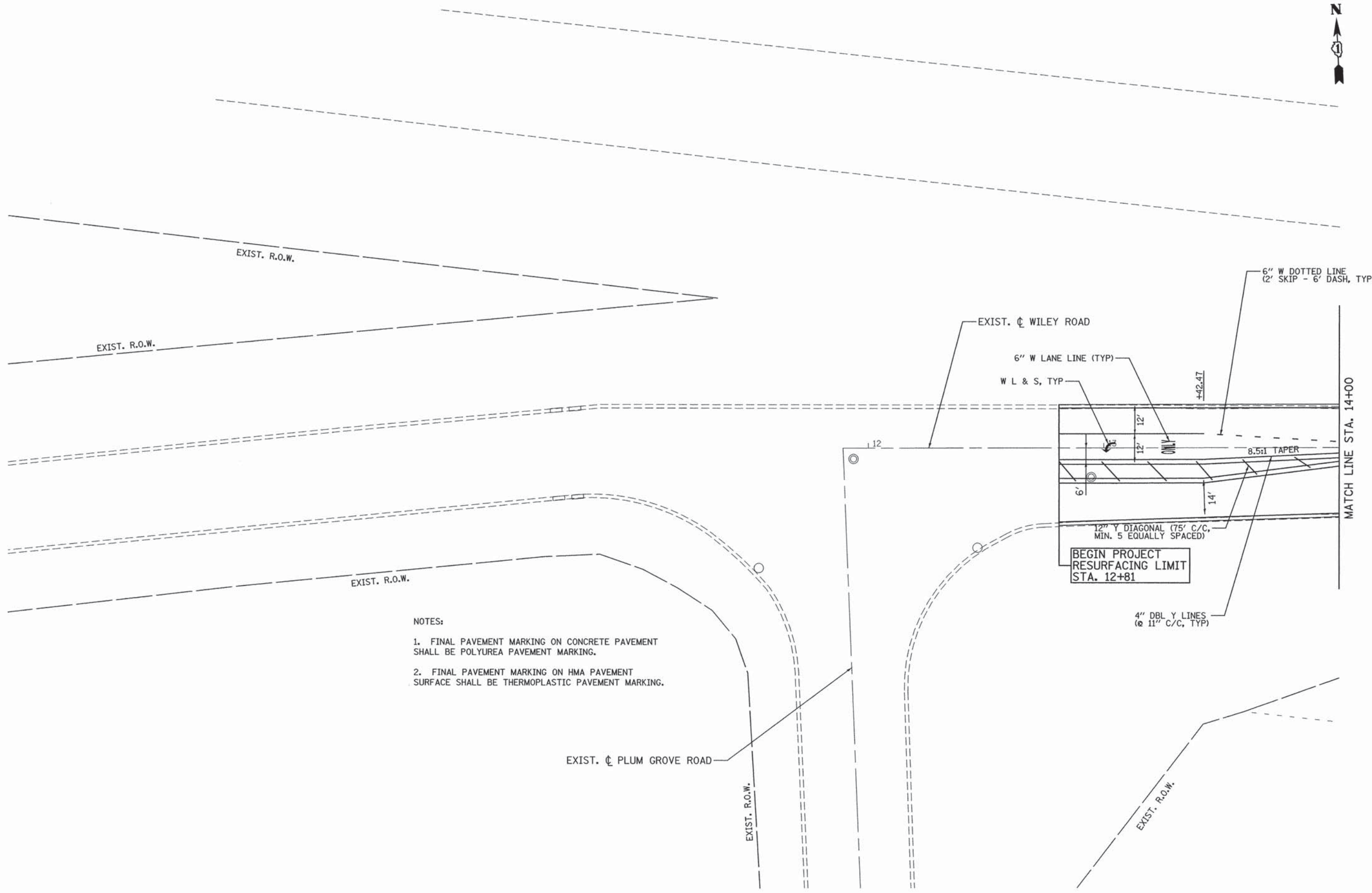
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SPRINGINGSUTH ROAD FROM METRA ENTRANCE TO IRVING PARK ROAD  
 PAVEMENT MARKING PLAN**

SCALE: 1"=20'    SHEET PMK-05 OF 15    STA. 24+00 TO STA. END

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2562	15-00120-00-RS	COOK	69	42
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C72	





- NOTES:
1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
  2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

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USER NAME = mvosak(Rdwj-Lisle)  
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 DRAWN - JAC  
 CHECKED - MJV  
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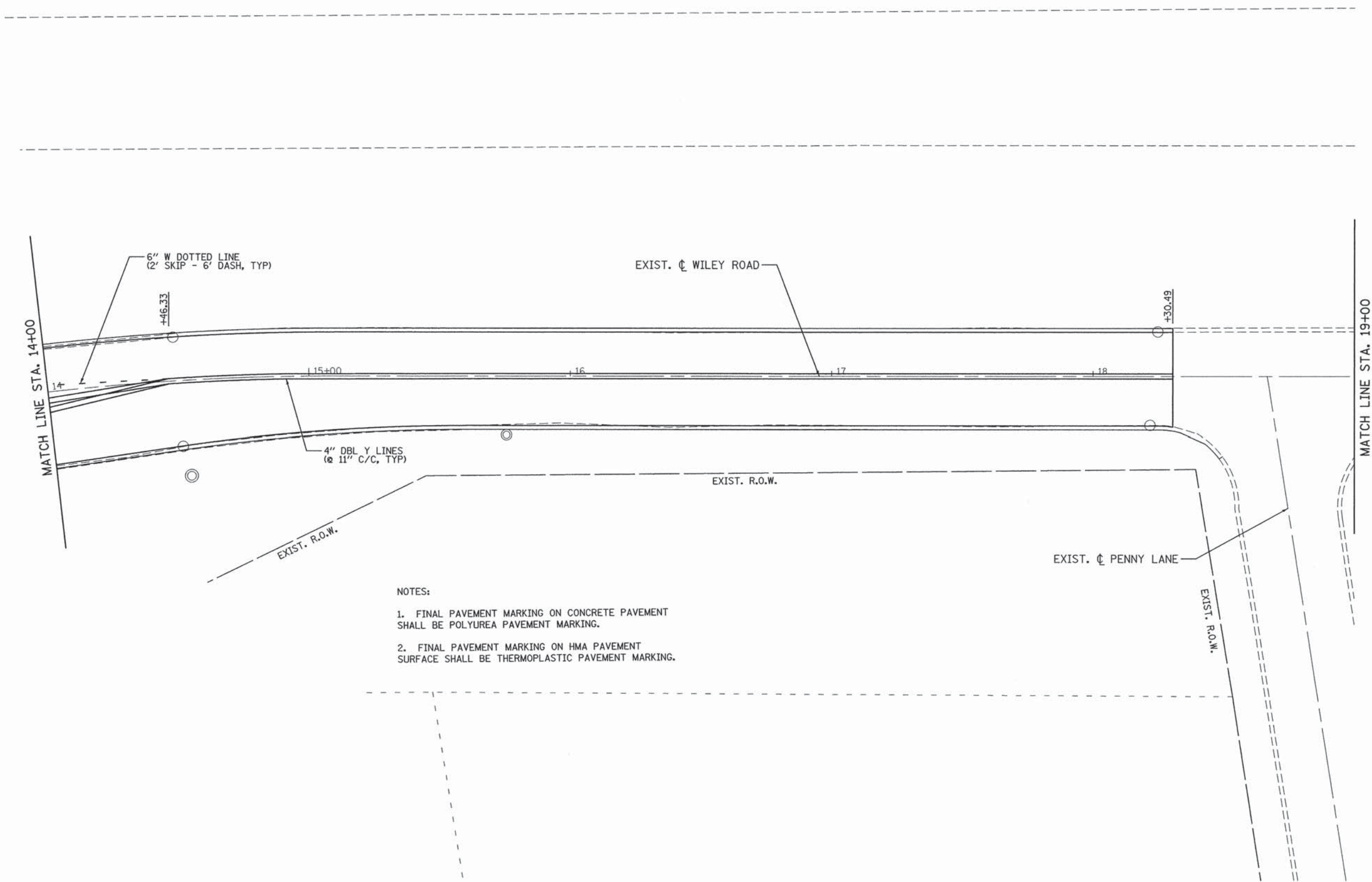
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD  
 PAVEMENT MARKING PLAN**

SCALE: 1"=20'    SHEET PMK-06 OF 15    STA. BEGIN TO STA. 9+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	15-00120-00-RS	COOK	69	43
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C72	

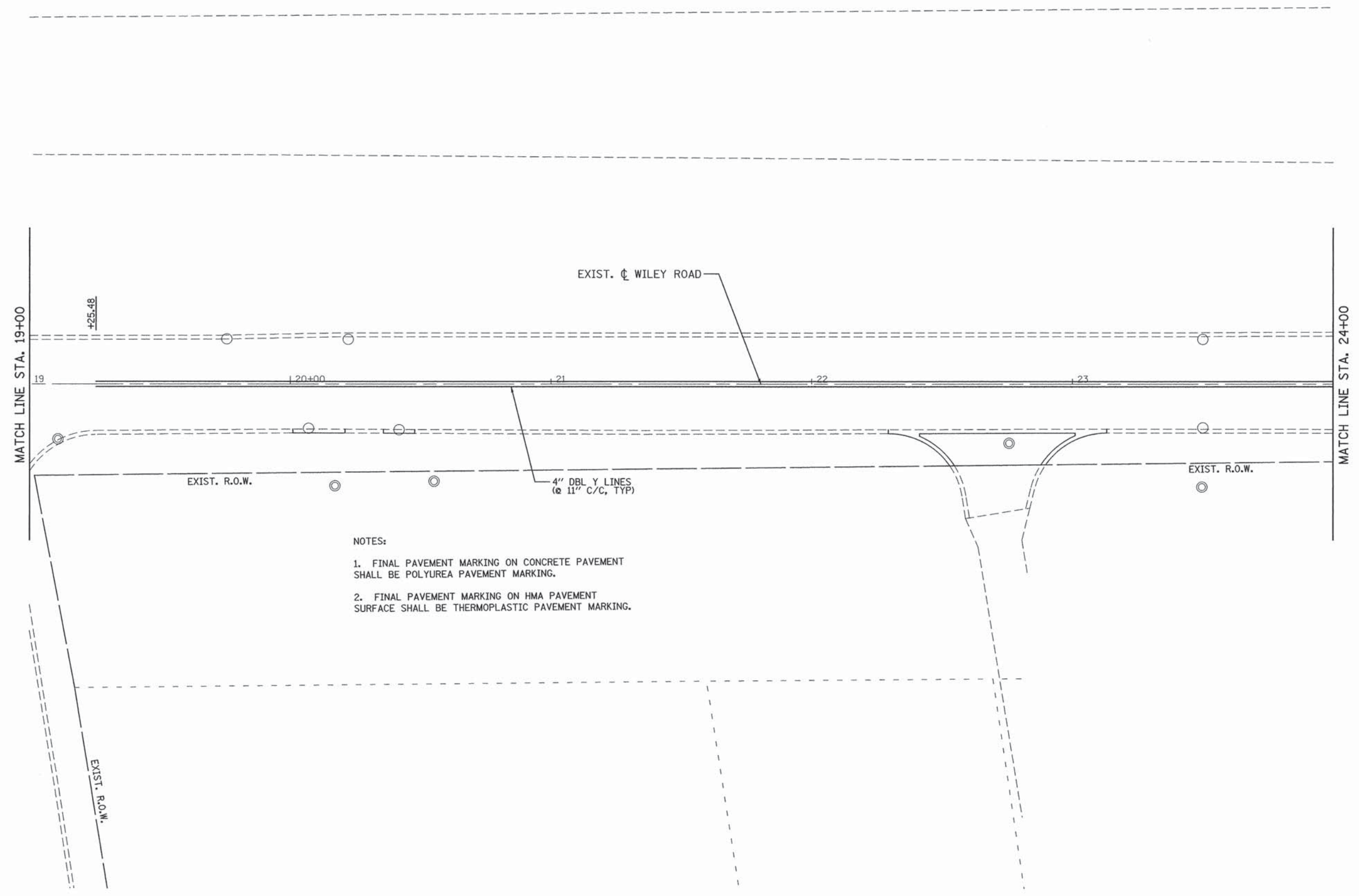




- NOTES:
1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
  2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvasak(Rdwg_Lisle)	DESIGNED - JAC	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD</b> <b>PAVEMENT MARKING PLAN</b>			F.A.U. RTE. 2582	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 44
	PLOT CONFIG = PDF(Greg_Large).plt	DRAWN - JAC	CHECKED - MJV		REVISED -	SCALE: 1"=20'	SHEET PMK-07 OF 15	STA. 14+00 TO STA. 19+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
PLOT SCALE = 1:28	CHECKED - MJV	DATE - 1/25/2016	REVISED -									
PLOT DATE = 1/25/2016	DATE - 1/25/2016											





- NOTES:
1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
  2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

**PATRICK ENGINEERING**  
 PATRICK ENGINEERING INC.  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = mvasok(Rdwy-Lisle)  
 PLOT CONFIG = PDF(Grey\_Large).plt  
 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

DESIGNED - JAC  
 DRAWN - JAC  
 CHECKED - MJV  
 DATE - 1/25/2016

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

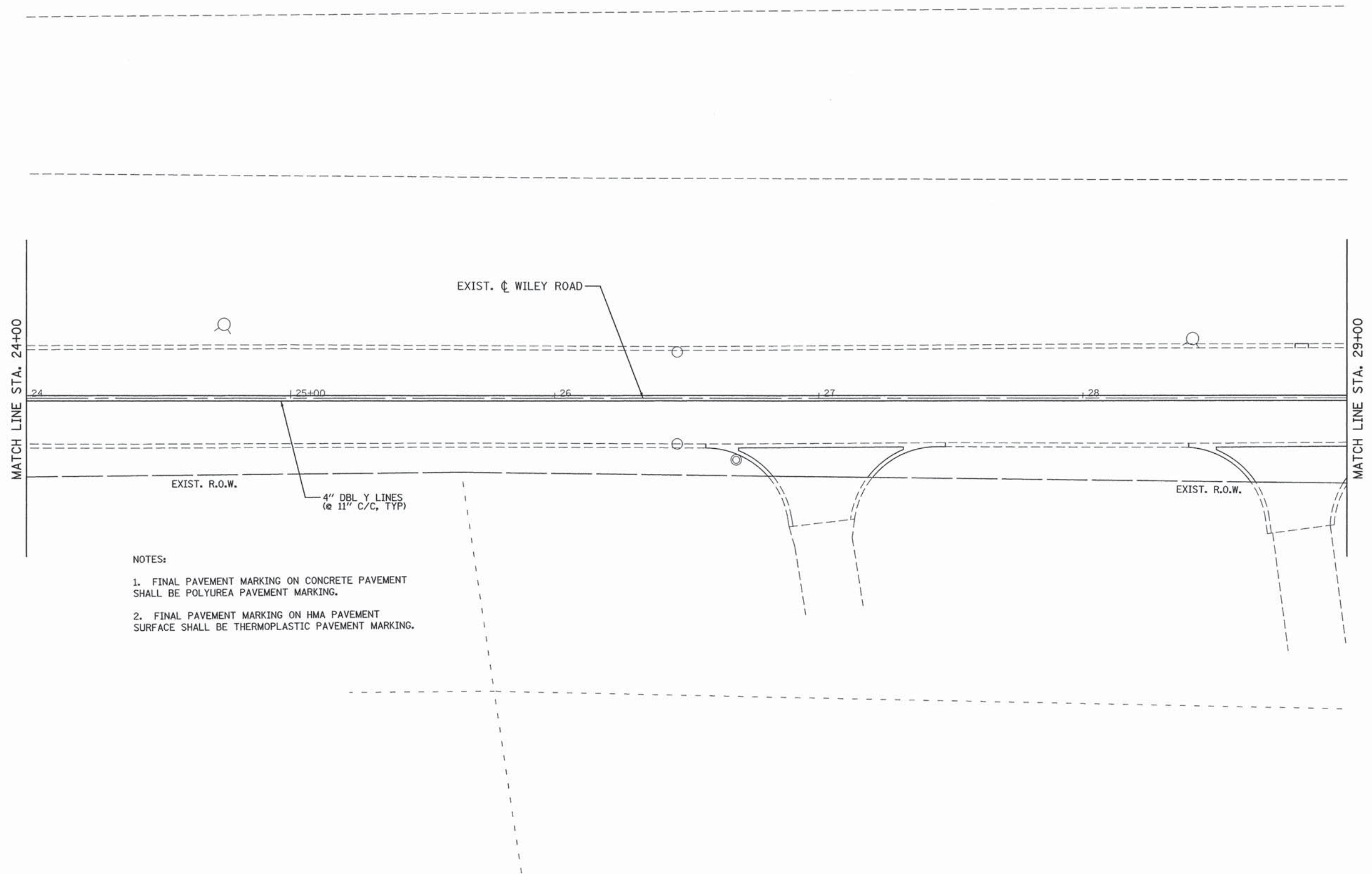
**WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD  
 PAVEMENT MARKING PLAN**

SCALE: 1"=20' SHEET PMK-08 OF 15 STA. 19+00 TO STA. 24+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	15-00120-00-RS	COOK	69	45
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C72	

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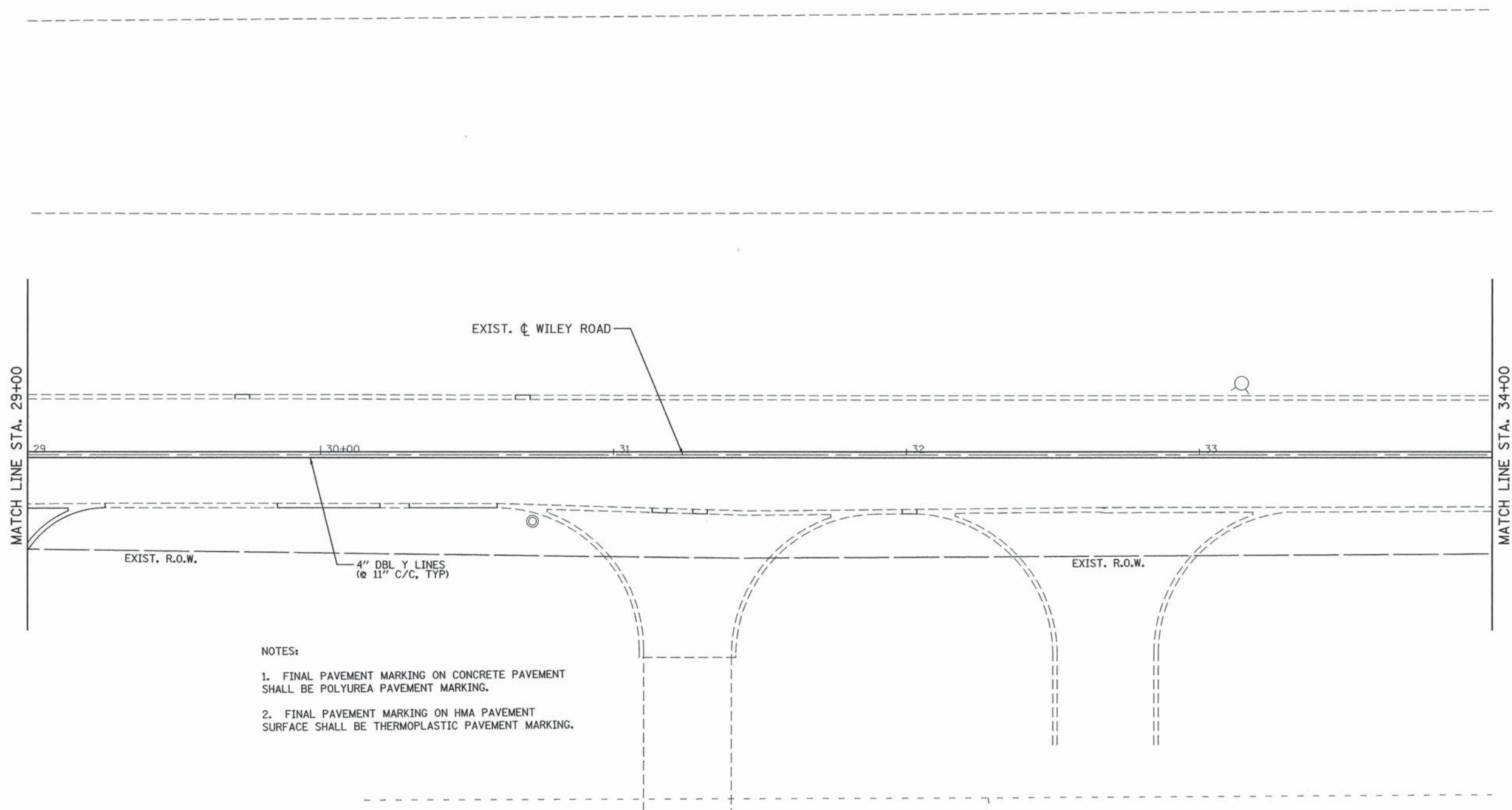


- NOTES:
1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
  2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

PATRICK ENGINEERING 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvasok@rdwy.lisle PLOT CONFIG = PDF(Grey_Large).plt PLOT SCALE = 1:20 PLOT DATE = 2/8/2016	DESIGNED - JAC DRAWN - JAC CHECKED - MJV DATE - 1/25/2016	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD</b> <b>PAVEMENT MARKING PLAN</b>	F.A.U. RTE. 2582 SECTION 15-00120-00-RS COUNTY COOK TOTAL SHEETS 69 SHEET NO. 46	CONTRACT NO. 61C72 FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT
	SCALE: 1"=20' SHEET PMK-09 OF 15 STA. 24+00 TO STA. 29+00						

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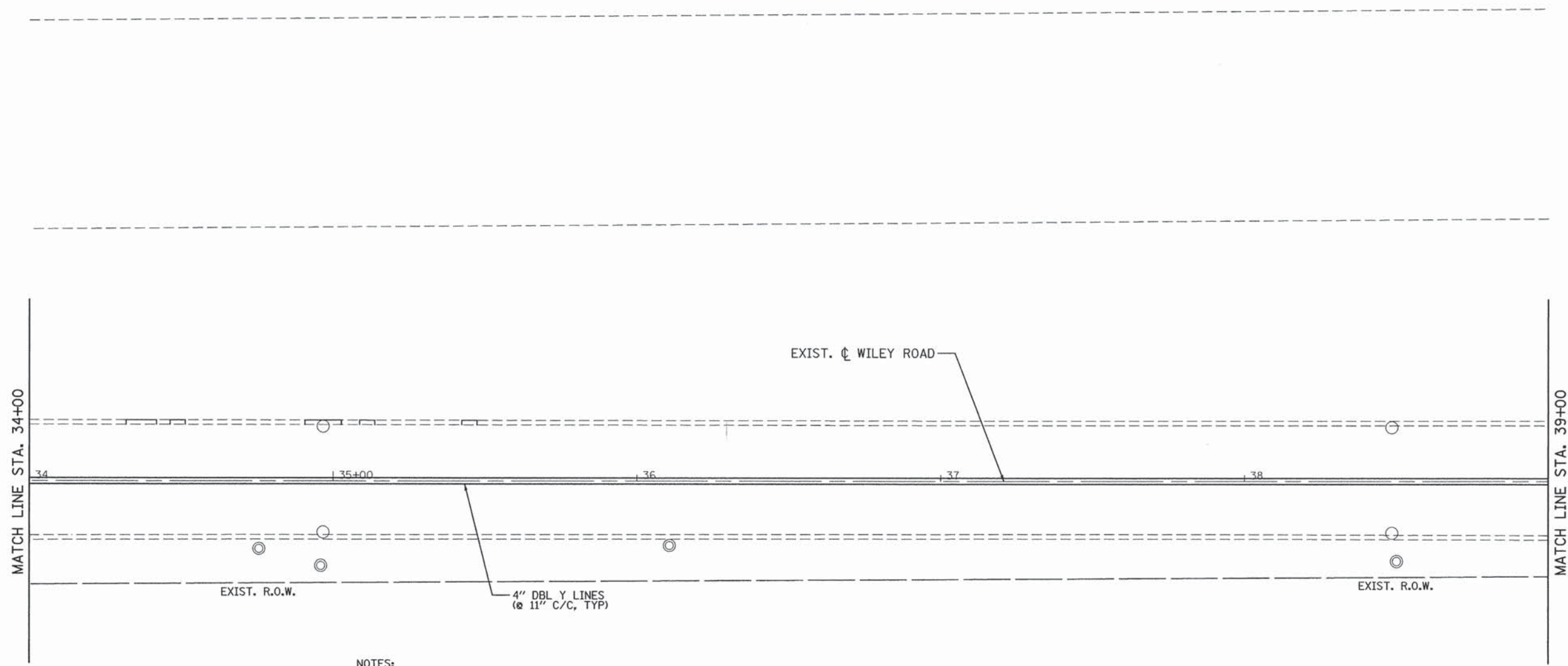


**NOTES:**

1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvasak(Rdeg_Lisle) PLOT CONFIG = PDF(Grey_Large).plt PLOT SCALE = 1/2"=20' PLOT DATE = 2/8/2016	DESIGNED - JAC DRAWN - JAC CHECKED - MJV DATE - 1/25/2016	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD          PAVEMENT MARKING PLAN</b>	F.A.U. RTE. 2582 SECTION 15-00120-00-RS COUNTY COOK TOTAL SHEETS 69 SHEET NO. 47	CONTRACT NO. 61C72 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
	SCALE: 1"=20' SHEET PMK-10 OF 15 STA. 29+00 TO STA. 34+00						





- NOTES:
1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
  2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

**PATRICK ENGINEERING**  
 PATRICK ENGINEERING INC.  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = mvasak(Rdeg\_Lisle)  
 PLOT CONFIG = PDF(Grey\_Large).plt  
 PLOT SCALE = 1:20  
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DESIGNED - JAC  
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 CHECKED - MJV  
 DATE - 1/25/2016

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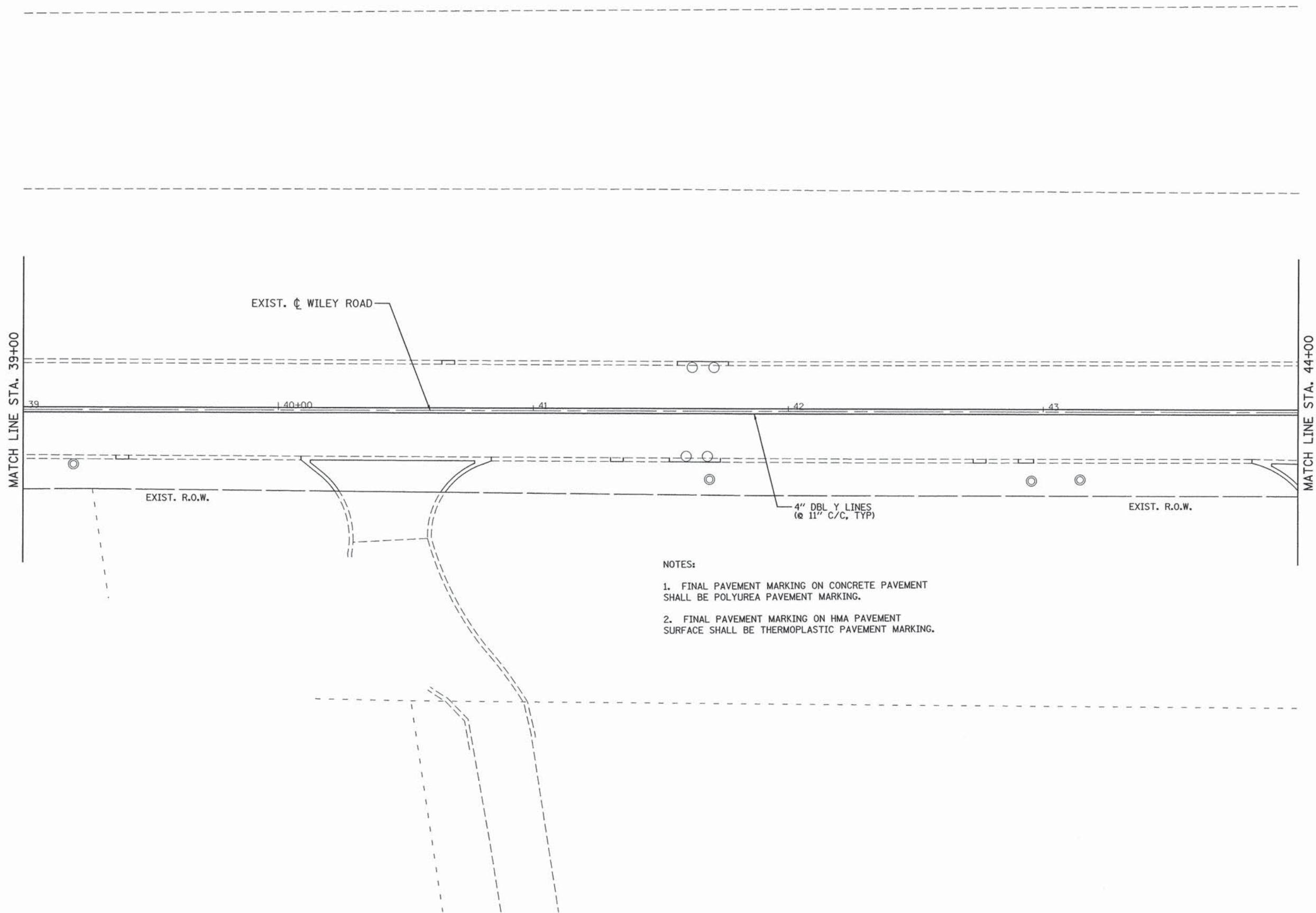
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD  
 PAVEMENT MARKING PLAN**

SCALE: 1"=20'    SHEET PMK-11 OF 15    STA. 34+00 TO STA. 39+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	15-00120-00-RS	COOK	69	48
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61C72	





- NOTES:
1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
  2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

**PATRICK ENGINEERING**  
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 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = mvesak(Rdwy-Lisle)  
 PLOT CONFIG = PDFIGrey\_Large.plt  
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 PLOT DATE = 2/8/2016

DESIGNED - JAC  
 DRAWN - JAC  
 CHECKED - MJV  
 DATE - 1/25/2016

REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

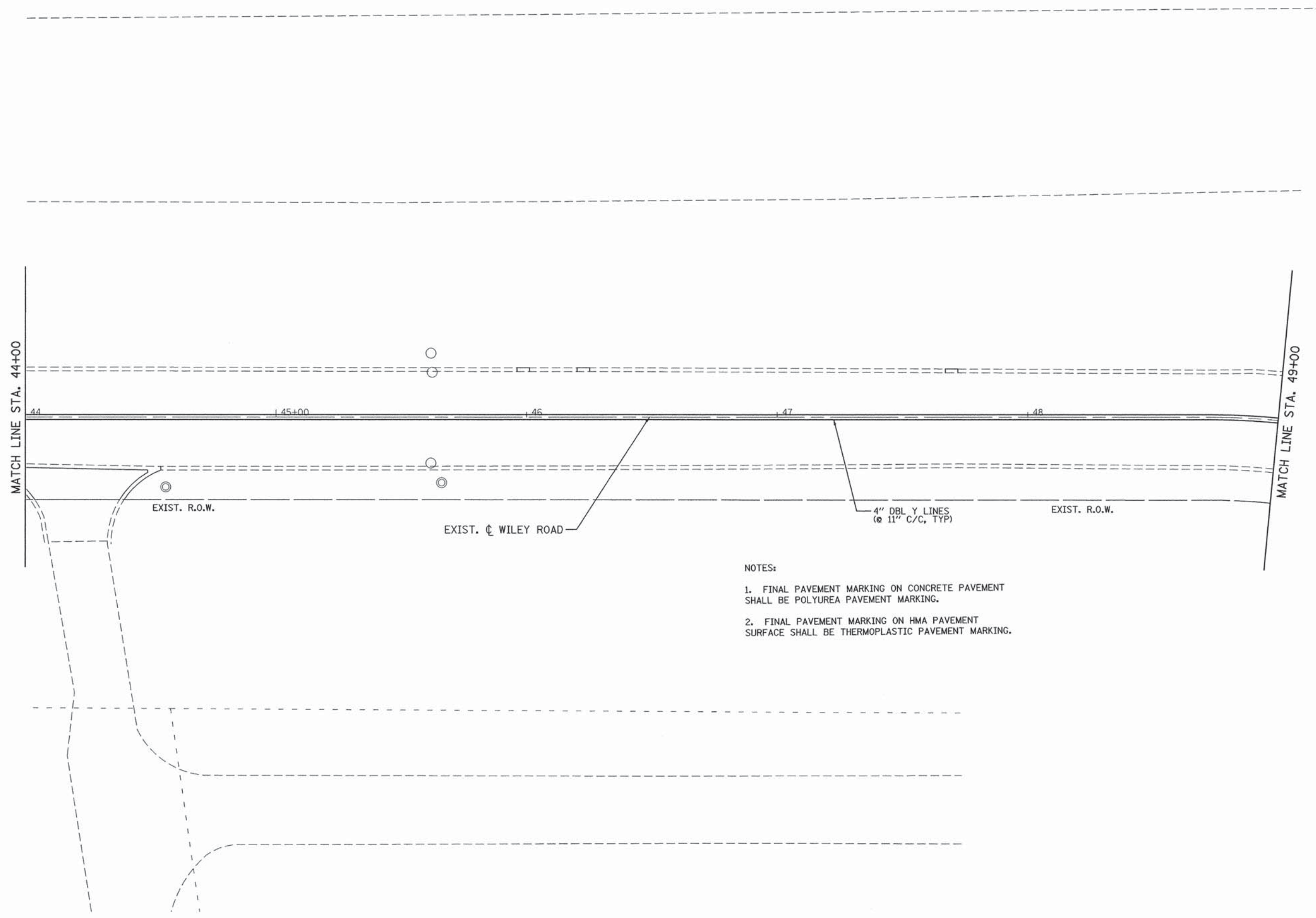
**WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD  
 PAVEMENT MARKING PLAN**

SCALE: 1"=20' SHEET PMK-12 OF 15 STA. 39+00 TO STA. 44+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	15-00120-00-RS	COOK	69	49
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C72	

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- NOTES:
1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
  2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvaak(Rdwy.Lisle) PLOT CONFIG = PDF(Grey_Large).plt PLOT SCALE = 1:20 PLOT DATE = 2/8/2016	DESIGNED - JAC DRAWN - JAC CHECKED - MJV DATE - 1/25/2016	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD          PAVEMENT MARKING PLAN</b>		F.A.U. RTE. 2582	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 50
					SCALE: 1"=20' SHEET PMK-13 OF 15 STA. 44+00 TO STA. 49+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 61C72				
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EXIST.  $\phi$  WILEY ROAD

4" DBL Y LINES  
(@ 11" C/C, TYP)

EXIST. R.O.W.

MATCH LINE STA. 49+00

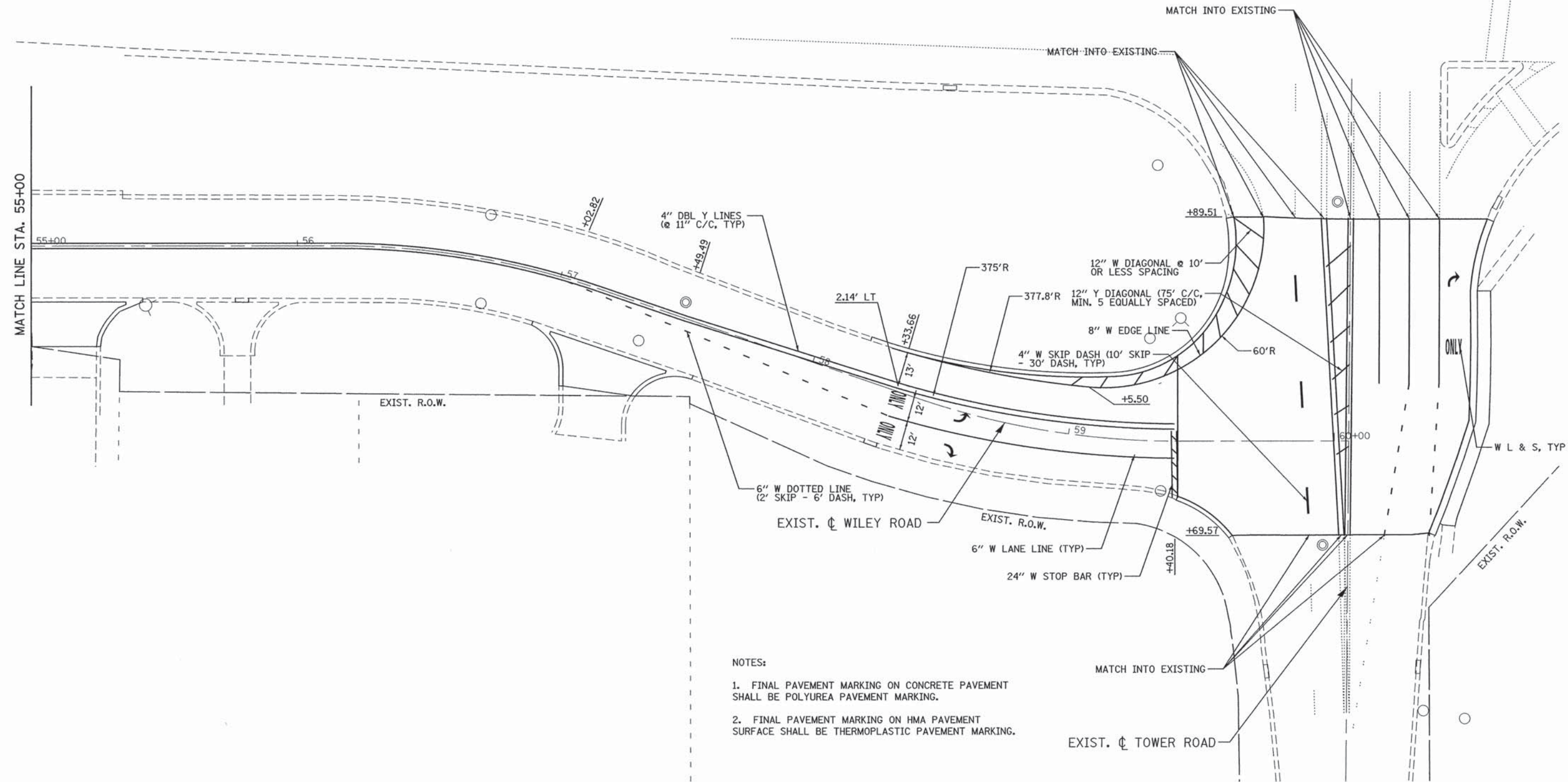
MATCH LINE STA. 55+00

- NOTES:
1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
  2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

PATRICK ENGINEERING 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = mvasok@dwg.Lisle1	DESIGNED - JAC	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD</b> <b>PAVEMENT MARKING PLAN</b>			F.A.U. RTE. 2582	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 51
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PLOT SCALE = 1:20	DATE = 1/25/2016	DATE = 1/25/2016	REVISED -									

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- NOTES:
1. FINAL PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
  2. FINAL PAVEMENT MARKING ON HMA PAVEMENT SURFACE SHALL BE THERMOPLASTIC PAVEMENT MARKING.

**PATRICK ENGINEERING**  
 PATRICK ENGINEERING INC.  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = mvasak(Rdwy_L151e)	DESIGNED - JAC	REVISED -
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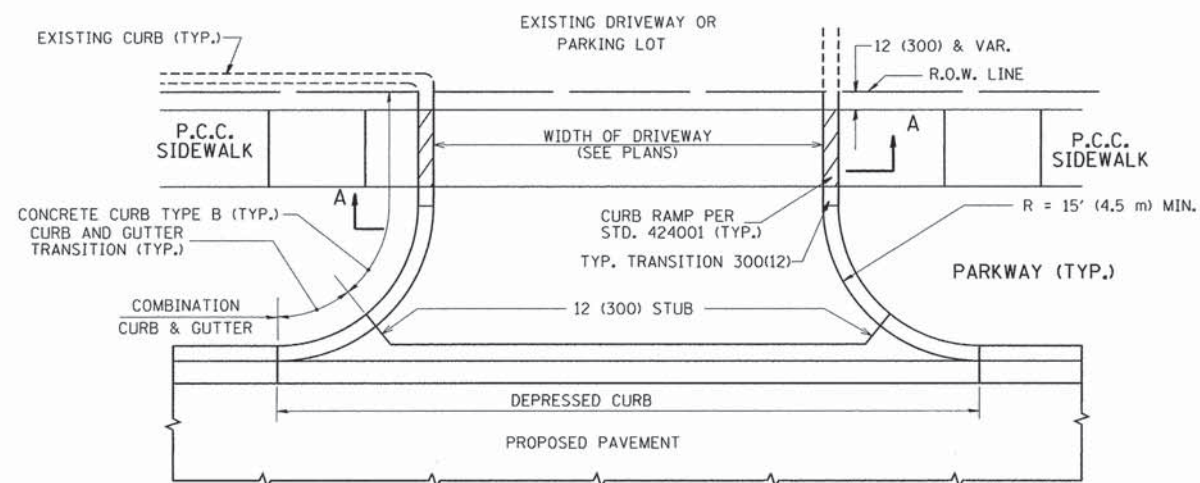
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD  
 PAVEMENT MARKING PLAN**

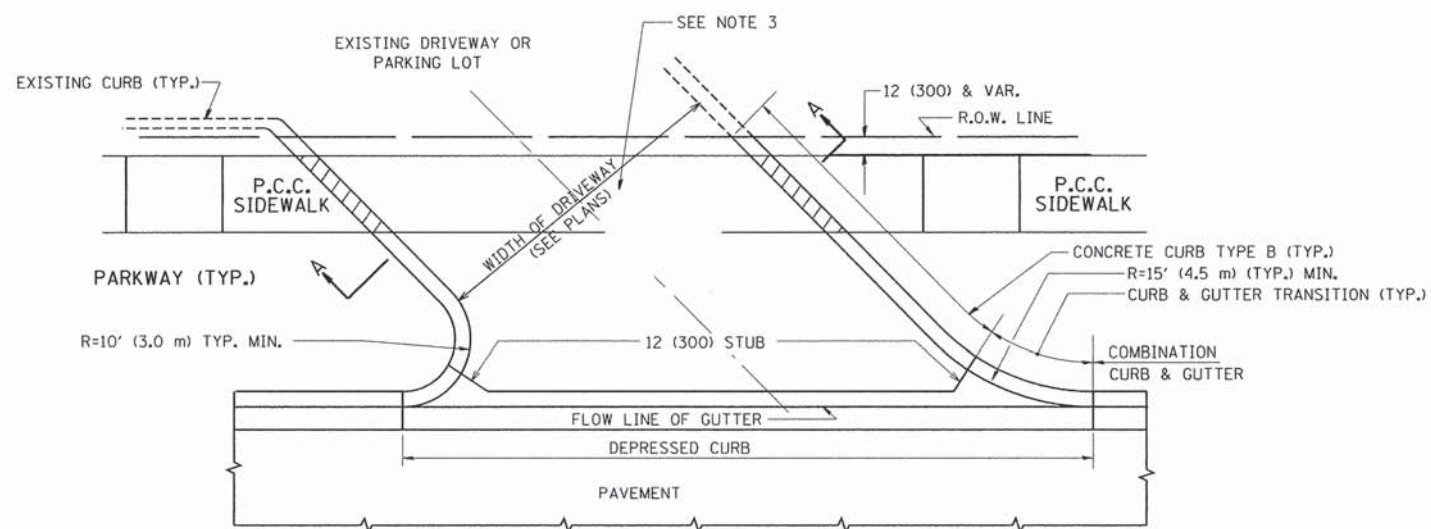
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

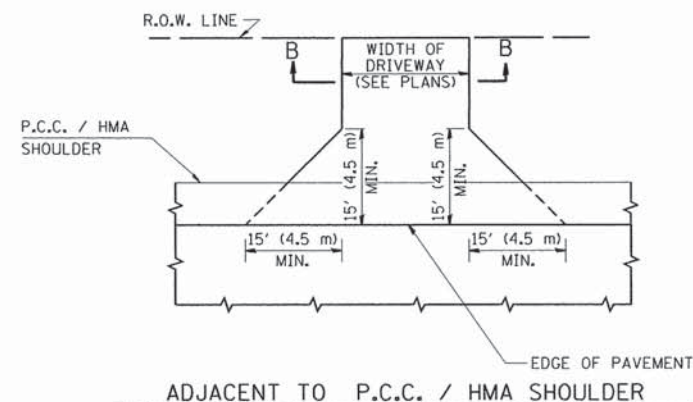




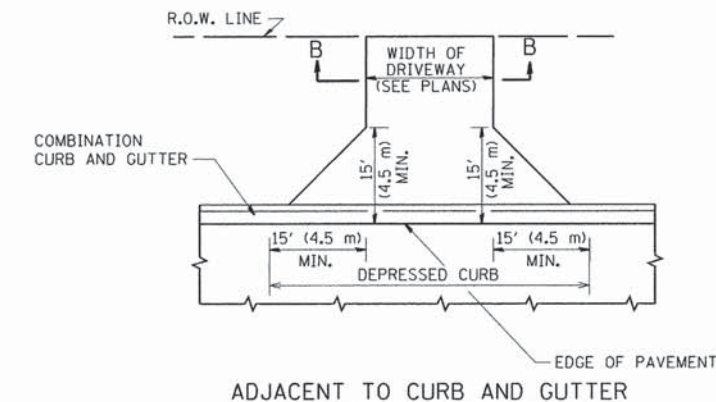
WITH CONCRETE CURB, TYPE B



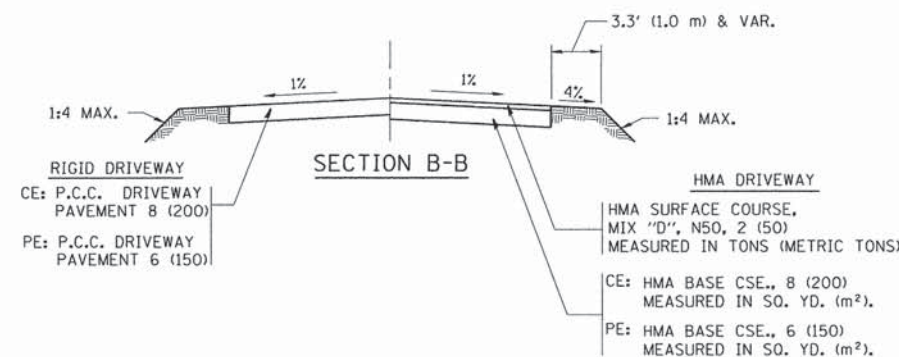
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE,  
MIX "D", N50, 2 (50)  
MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200)  
MEASURED IN SQ. YD. (m²).

**GENERAL NOTES:**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

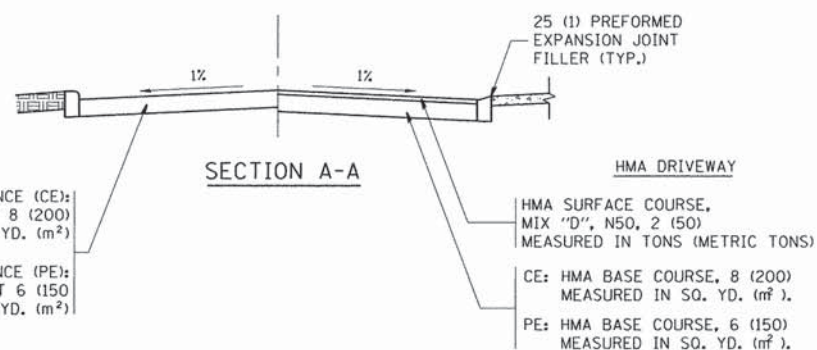
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



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	PLOT DATE = 9/6/2011	DATE - 11-04-95	REVISED - R. BORO 09-06-11

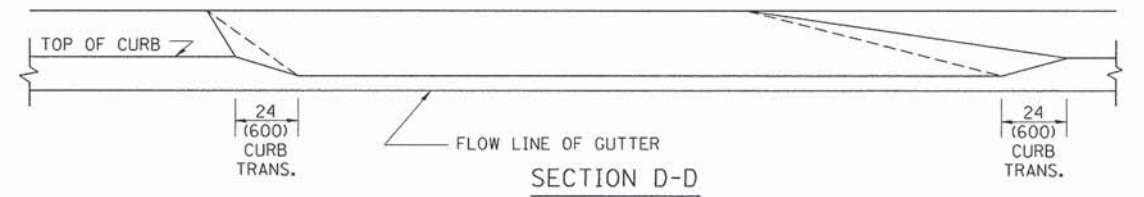
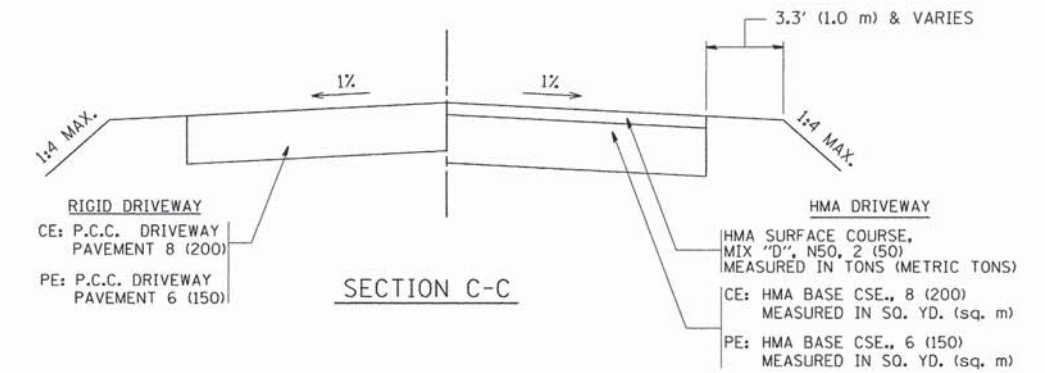
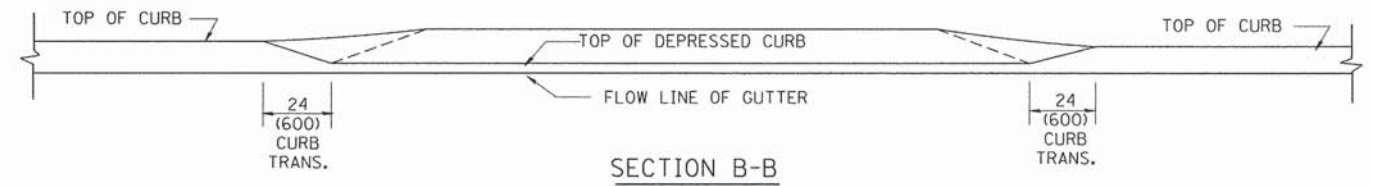
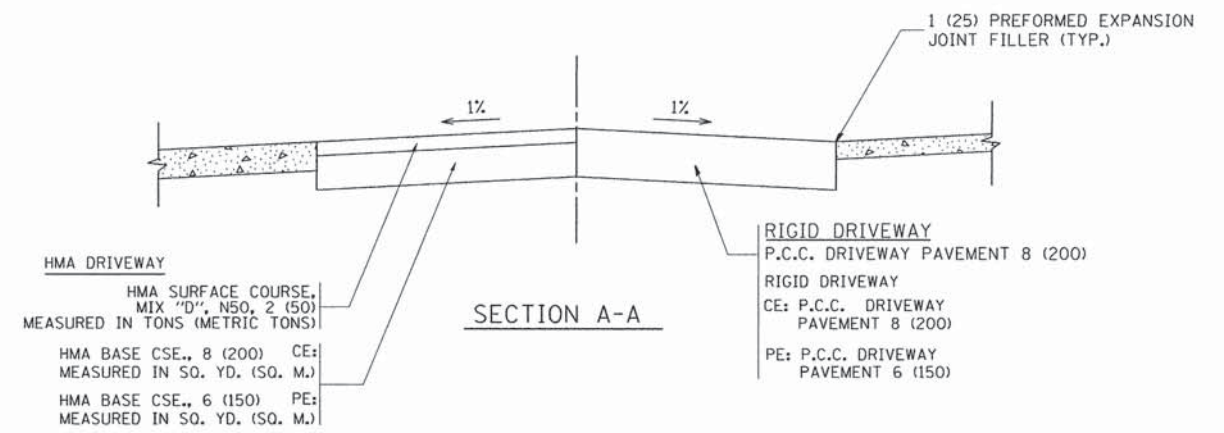
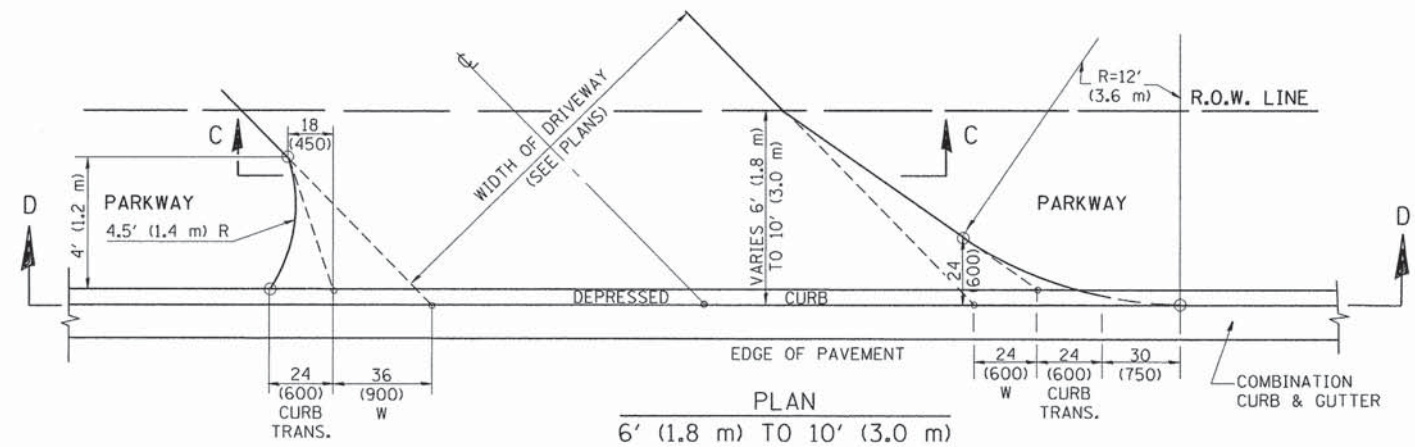
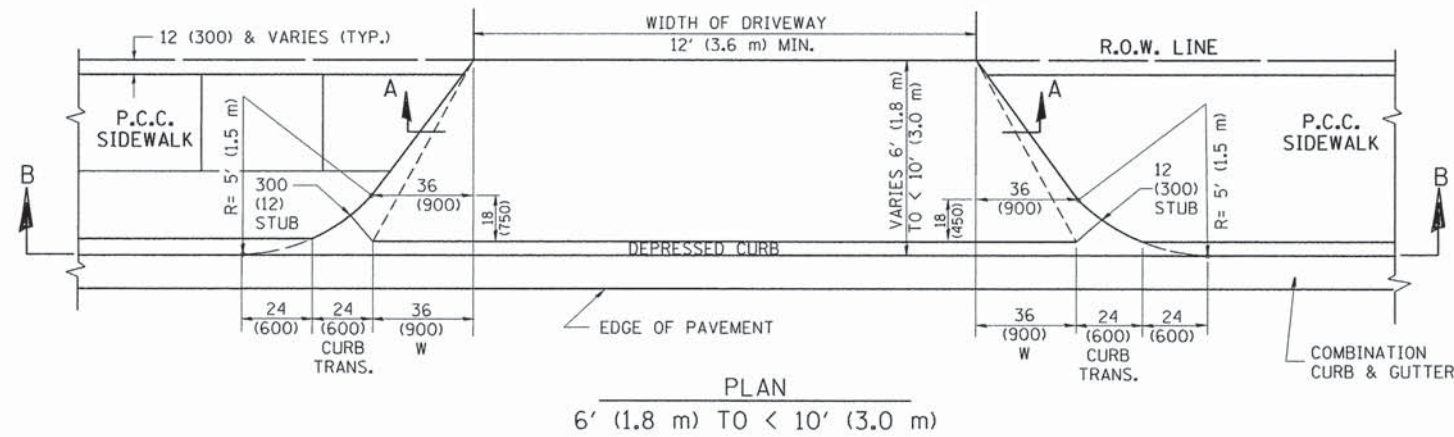
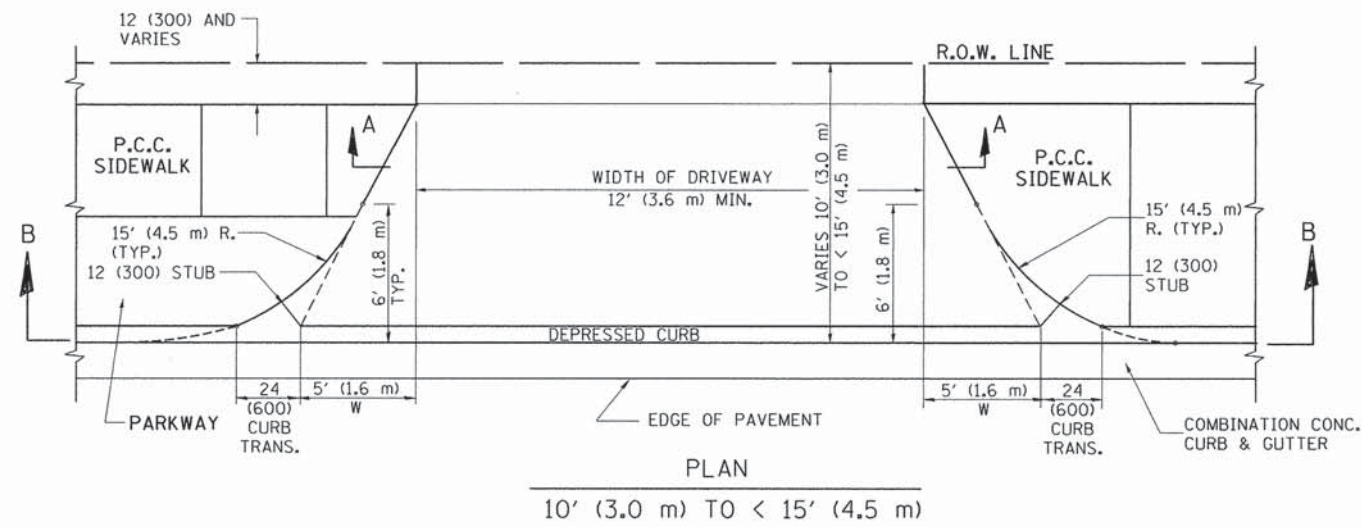
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.  
AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00120-00-RS	COOK	69	53
	BD0156-07 (BD-01)			CONTRACT NO. 61C72
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





**GENERAL NOTES**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = lsysa	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
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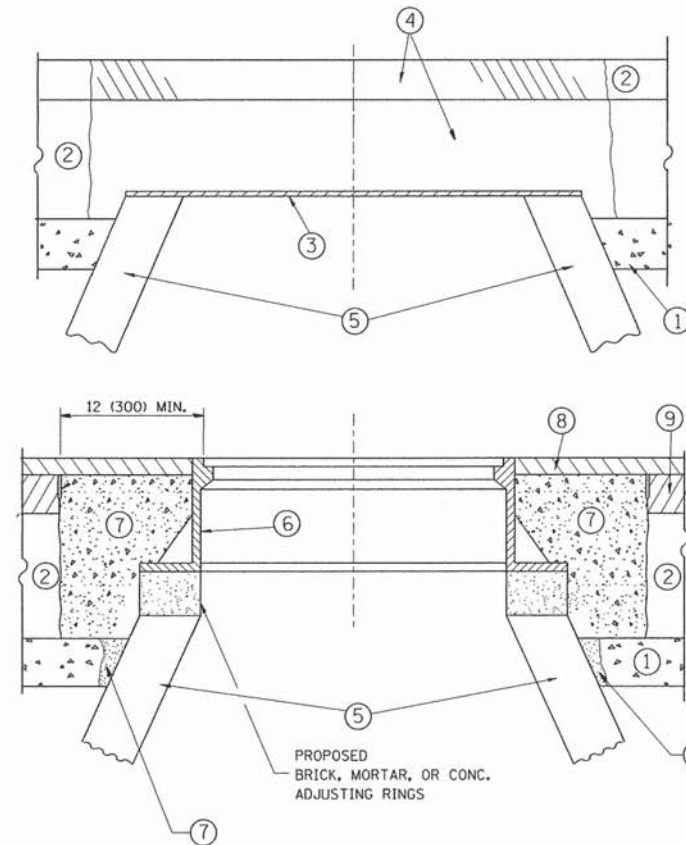
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS**  
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00120-00-RS	COOK	69	54
	BD400-02 (BD-02)	CONTRACT NO. 61C72		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				





**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1\* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

**LOCATION OF STRUCTURES:**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:**

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**NOTES:**

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.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
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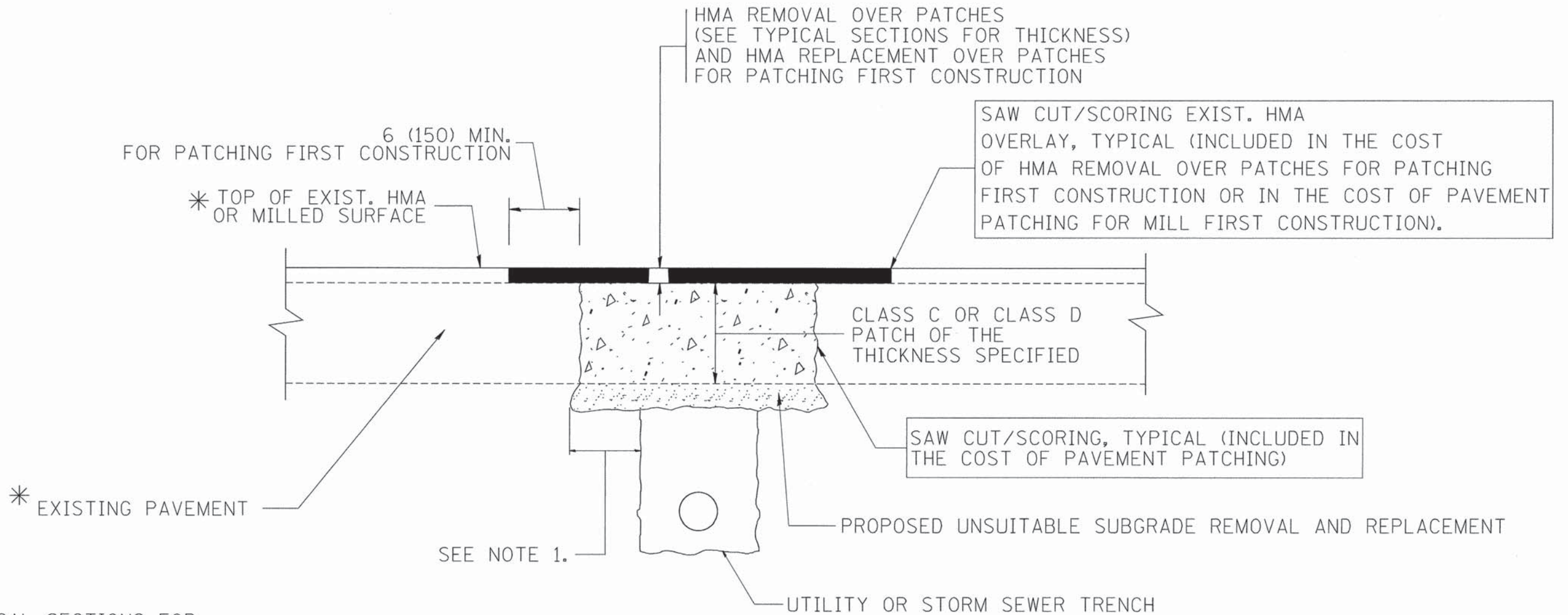
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	<b>BD600-03 (BD-8)</b>			
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT			CONTRACT NO. 61C72	





\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

**SEQUENCE OF CONSTRUCTION (PATCHING FIRST)**

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	PLOT SCALE = 50,000 / IN.	CHECKED -	REVISED - R. BORO 09-04-07
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>	
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STA.	TO STA.

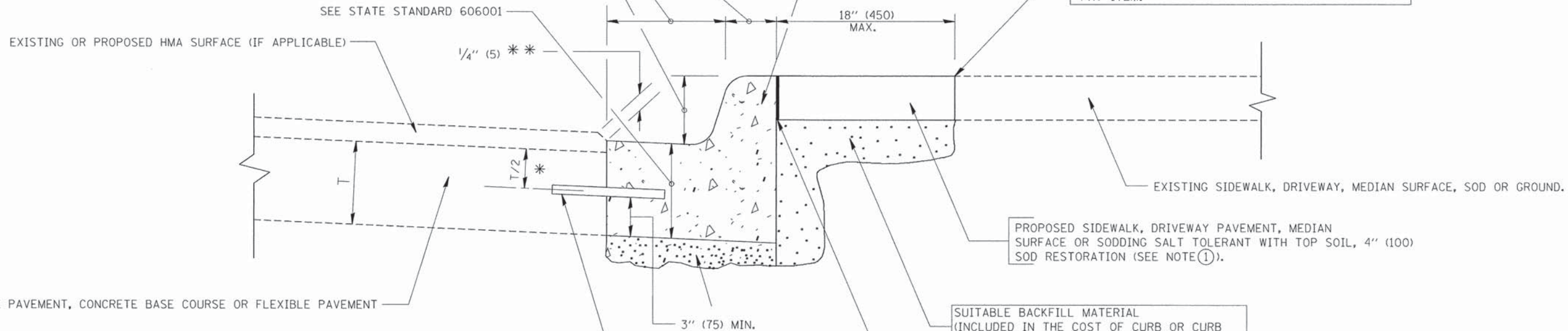
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	15-00120-00-RS	COOK	69	56
BD400-04 (BD-22)			CONTRACT NO. 61C72	
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				



VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.



PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

**BASIS OF PAYMENT:**  
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

\* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

\*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

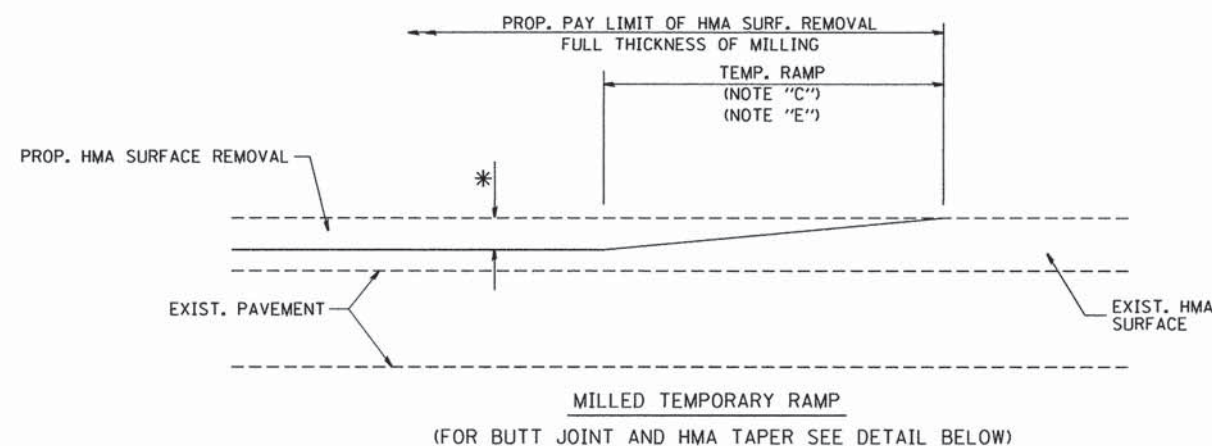
⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

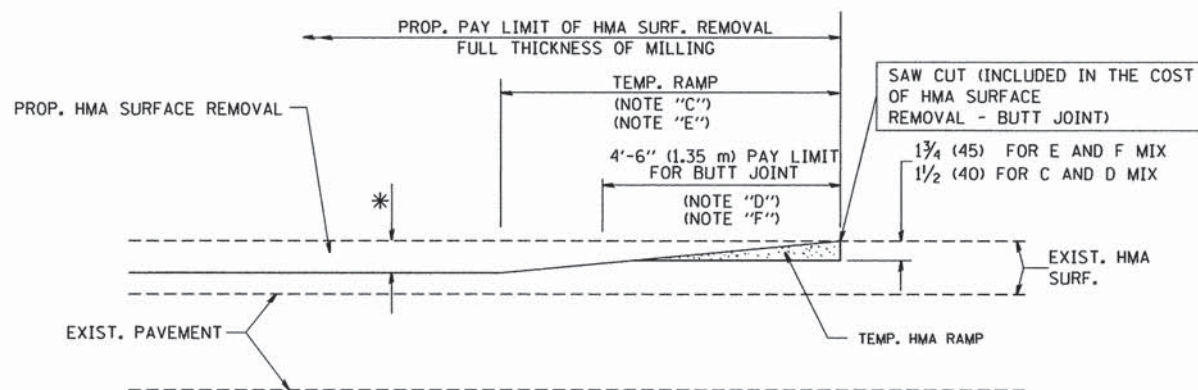
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	PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09			FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				
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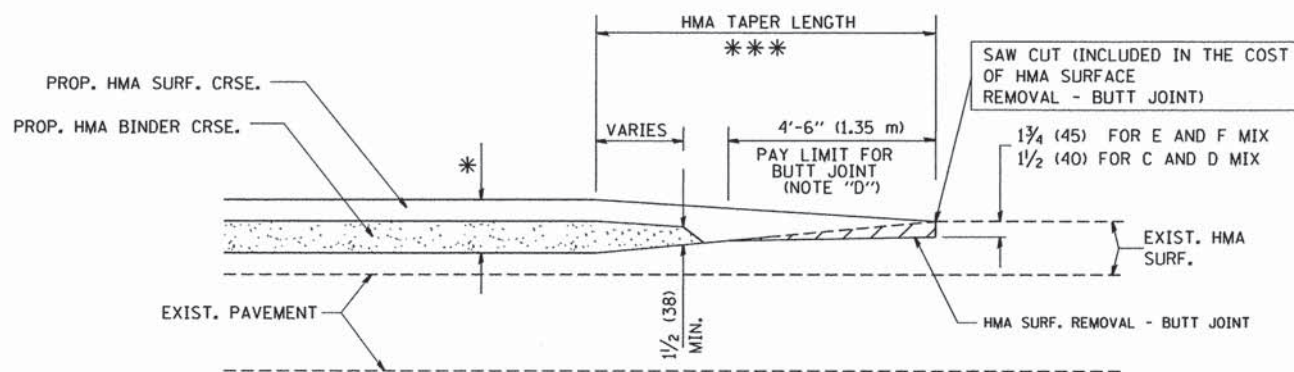


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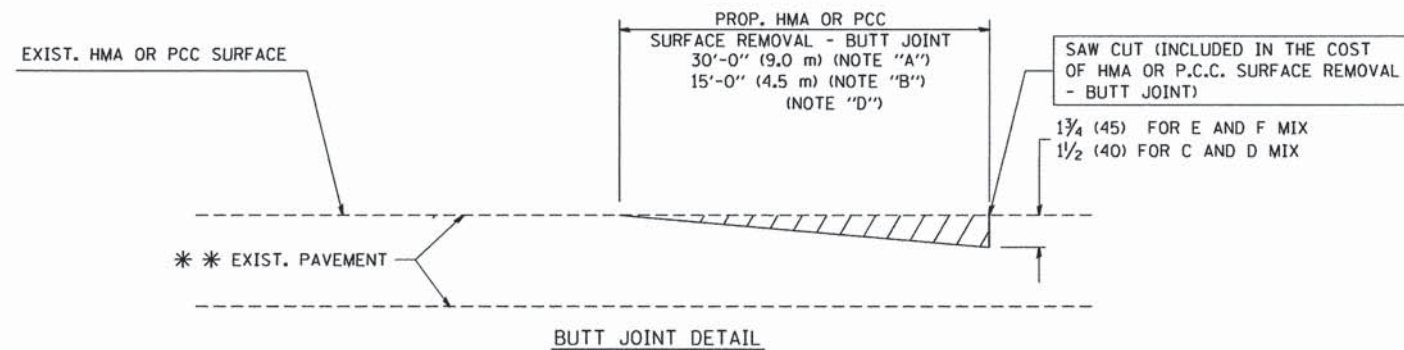


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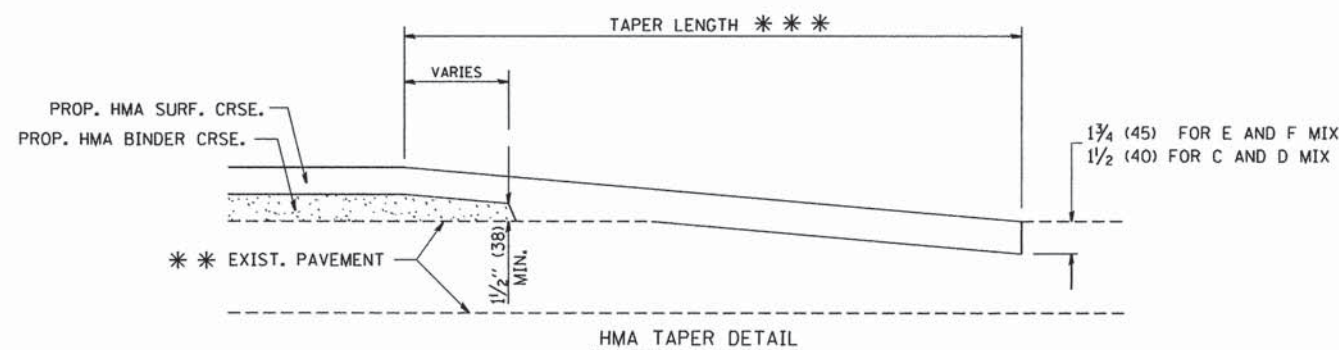
**TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

\*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	PLOT DATE = 1/4/2008	CHECKED -	REVISED - M. GOMEZ 04-06-01
		DATE - 06-13-90	REVISED - R. BORO 01-01-07

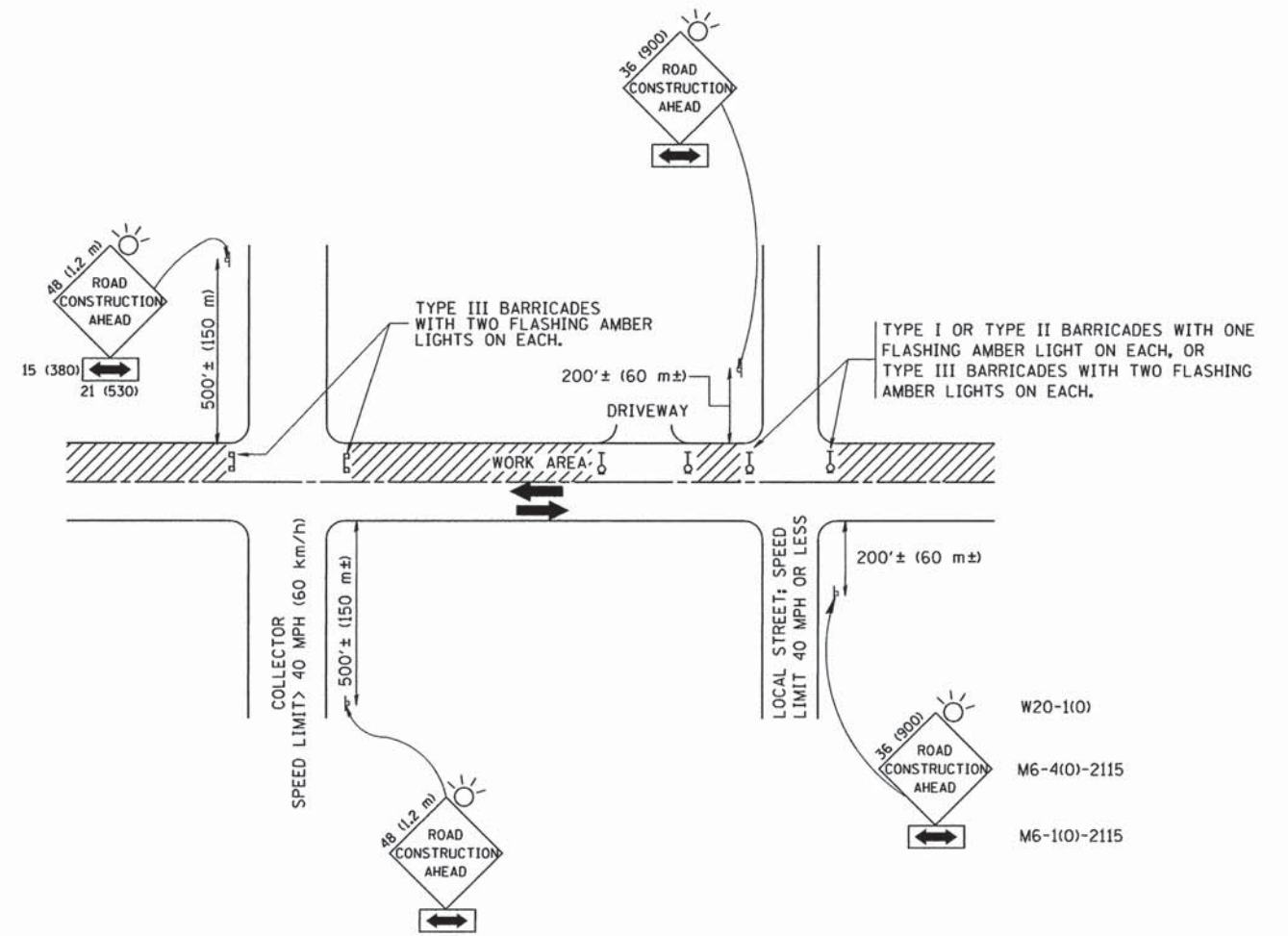
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND  
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00120-00-RS	COOK	69	58
BD400-05 BD32			CONTRACT NO. 61C72	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				





TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
  1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
  3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

  - C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
  - D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = M:\dots\d\22x34\tc10.dgn	USER NAME = goglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2000	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

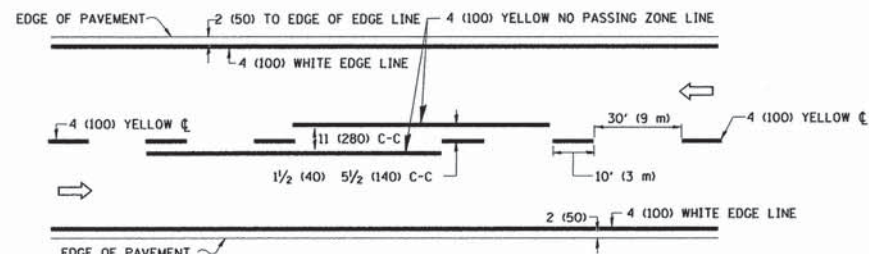
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

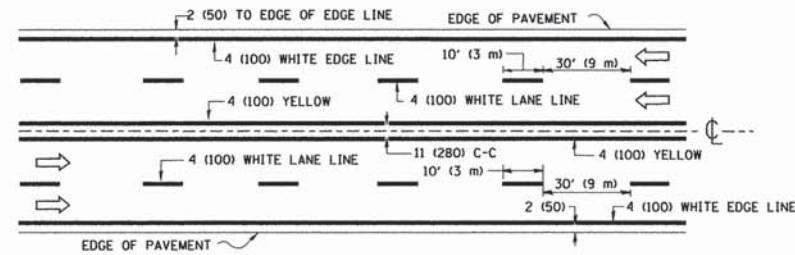
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TC-10			CONTRACT NO. 61C72	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

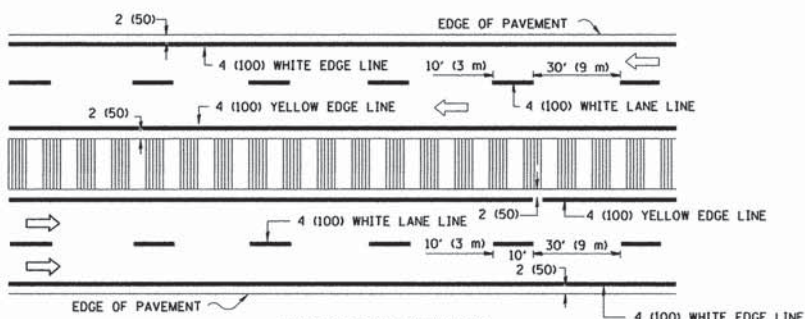




**2-LANE ROADWAY**

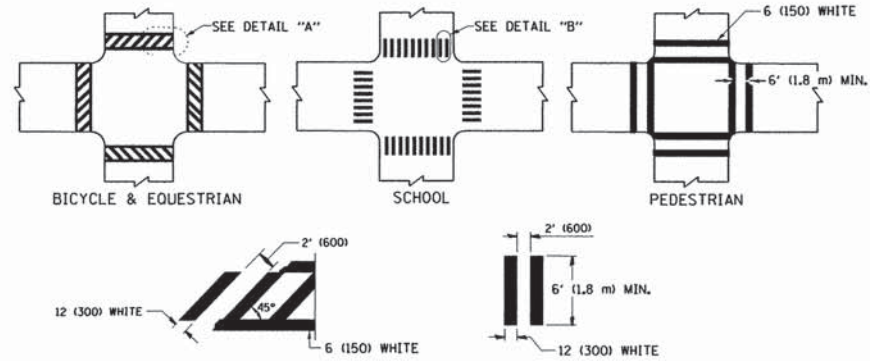


**MULTI-LANE UNDIVIDED**



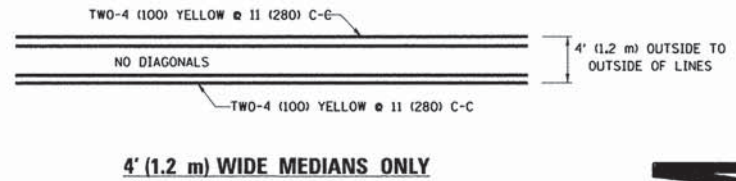
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

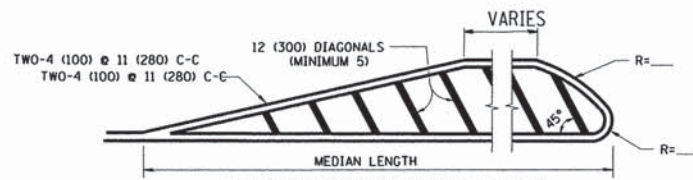


**DETAIL "A" TYPICAL CROSSWALK MARKING**

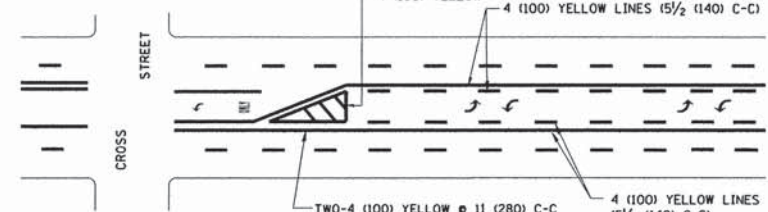
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



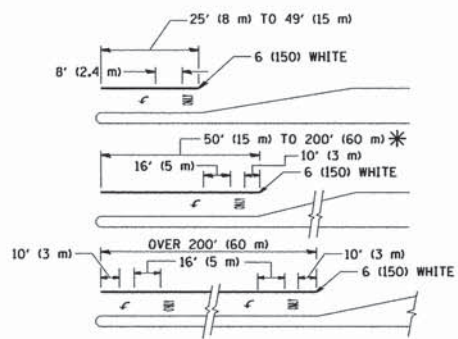
**4' (1.2 m) WIDE MEDIANS ONLY**



**MEDIANS OVER 4' (1.2 m) WIDE**



**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**

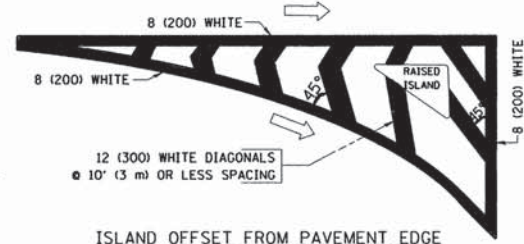


**TYPICAL LEFT (OR RIGHT) TURN LANE**

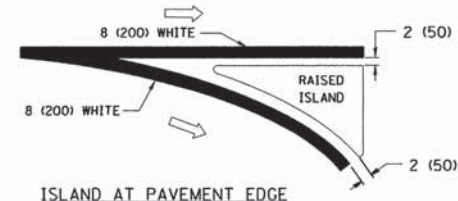
**TYPICAL TURN LANE MARKING**

FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

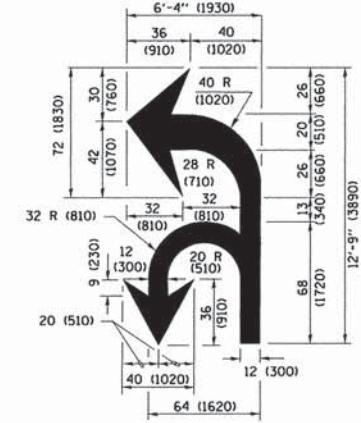
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



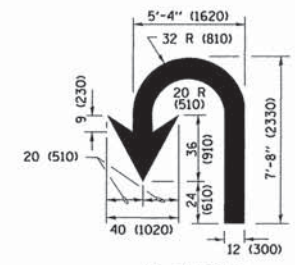
**ISLAND OFFSET FROM PAVEMENT EDGE**



**ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**  
\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8" (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

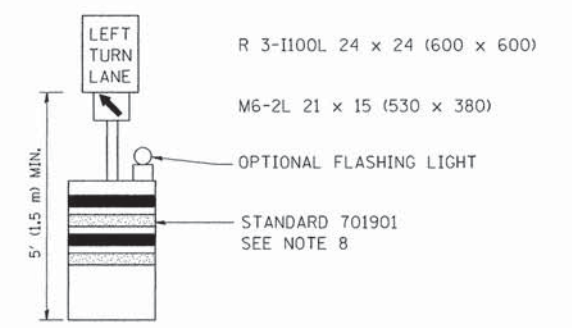
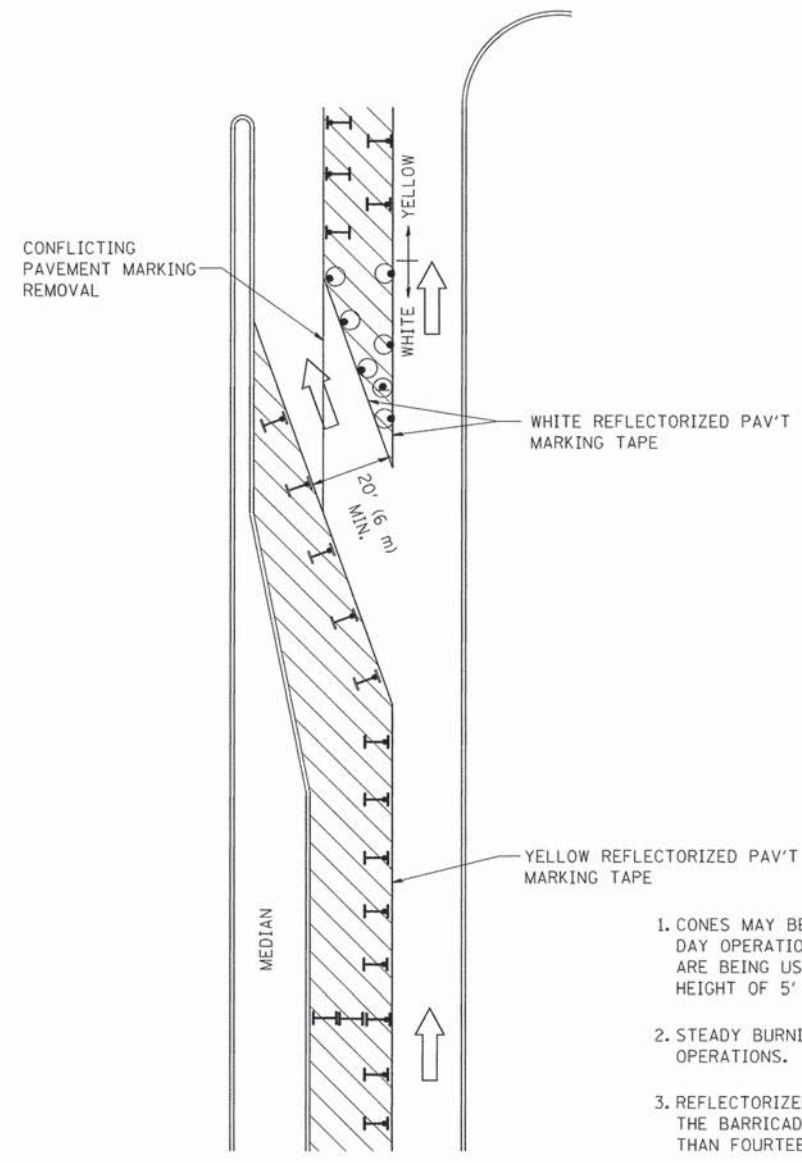
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	PLOT DATE = 12/21/2015		REVISED - C. JUCIUS 12-21-15

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT ONE</b>			
<b>TYPICAL PAVEMENT MARKINGS</b>			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00120-00-RS	COOK	69	60
	TC-13		CONTRACT NO. 61C72	
ILLINOIS FED. AID PROJECT				











**GENERAL NOTES**

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

**LEGEND**

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

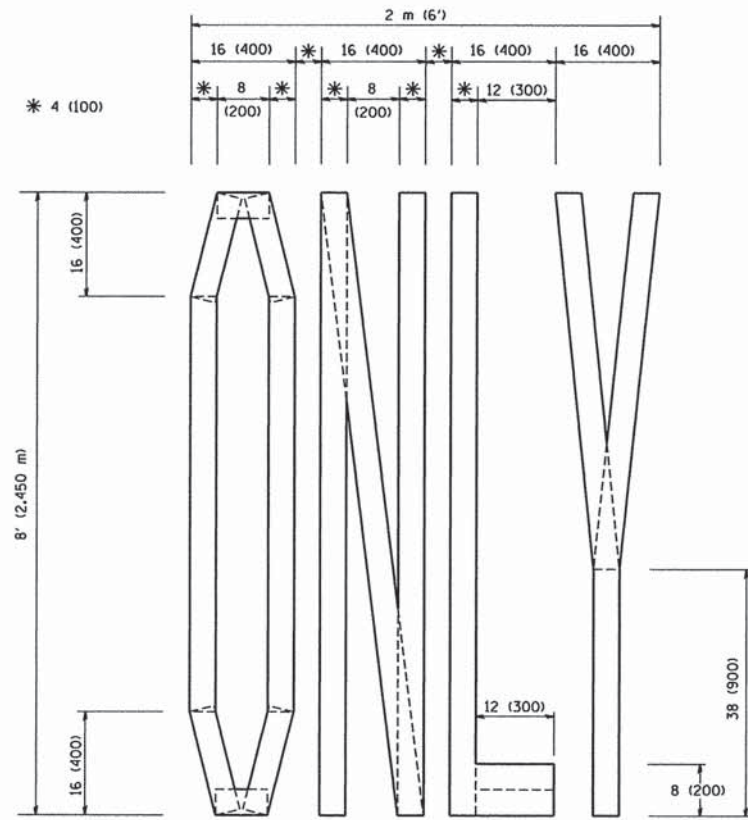
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

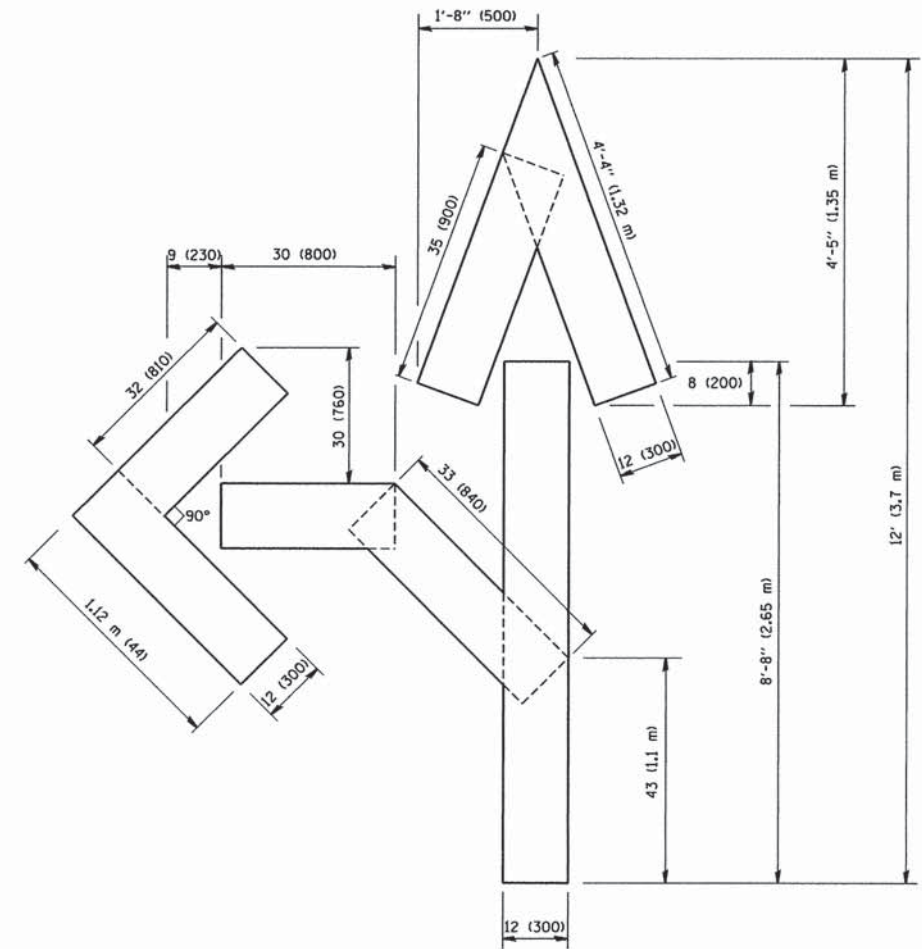
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SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-14		CONTRACT NO. 61C72		
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

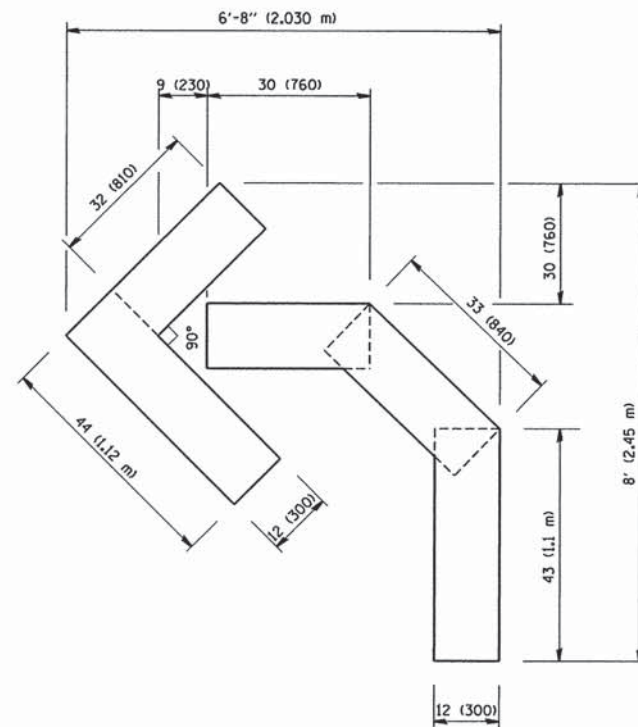




QUANTITY  
 4 (100) LINE = 64.1 ft. (19.7 m)  
 21.1 sq. ft. (1.97 sq. m)



QUANTITY  
 4 (100) LINE = 82.5 ft. (25.3 m)  
 27.5 sq. ft. (2.53 sq. m)



QUANTITY  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.39 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =  
 W:\diststd\22x34\tc16.dgn

USER NAME = geglinoht  
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 PLOT DATE = 1/4/2008

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE - 09-18-94

REVISED -T. RAMMACHER 06-05-96  
 REVISED -T. RAMMACHER 11-04-97  
 REVISED -T. RAMMACHER 03-02-98  
 REVISED -E. GOMEZ 08-28-00

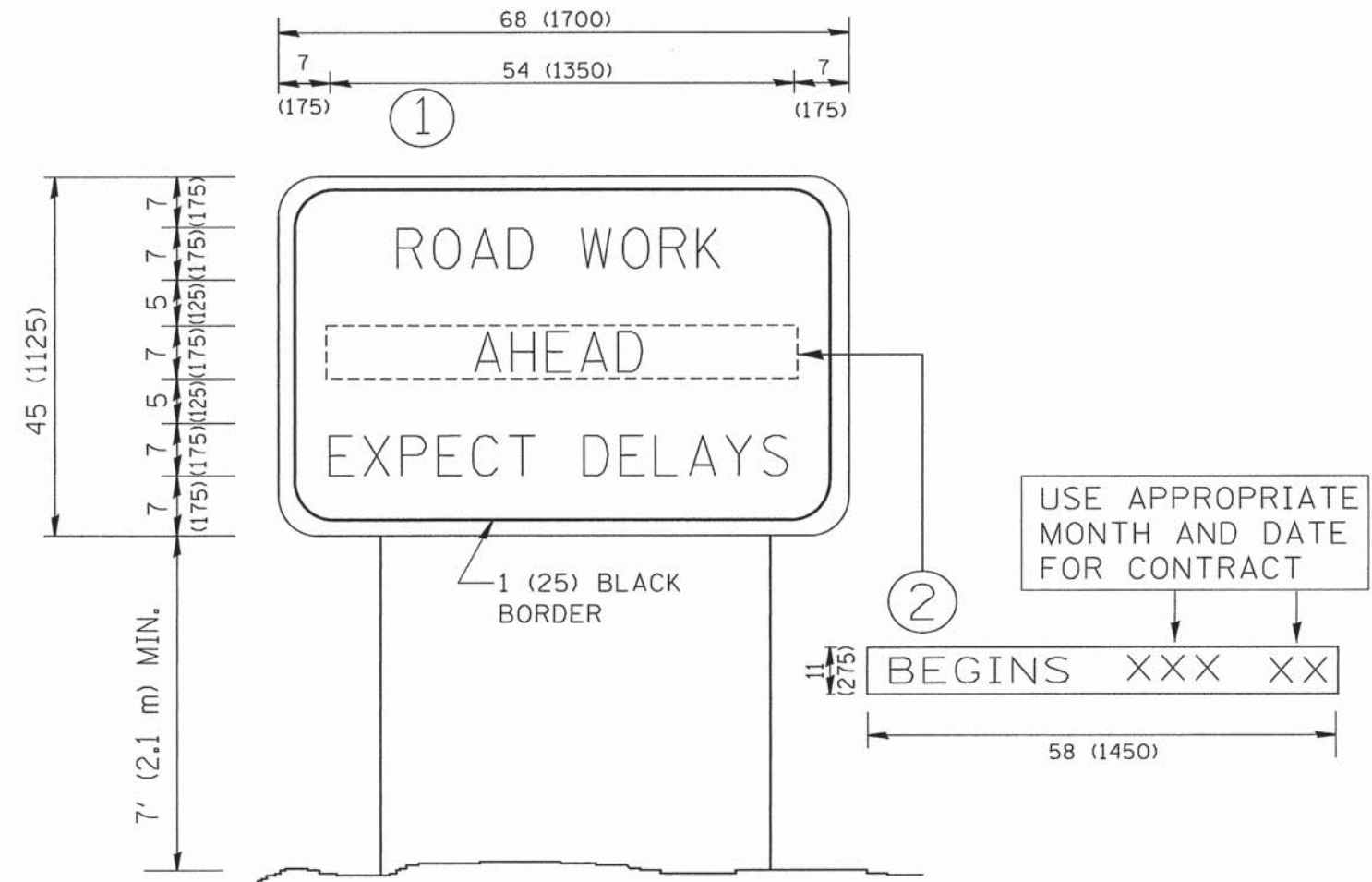
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS  
 FOR TRAFFIC STAGING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00120-00-RS	COOK	69	62
TC-16			CONTRACT NO. 61C72	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = gaglianobt	DESIGNED - DRAWN -	REVISED - R. MIRS 09-15-97 REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.000 / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99	
PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ARTERIAL ROAD INFORMATION SIGN</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	15-00120-00-RS	COOK	69 63
				TC-22	CONTRACT NO. 61C72	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT						





3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED  
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME =	USER NAME = goglianob	DESIGNED -	REVISED - C. JUCIUS 02-15-07
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	PLOT SCALE = 50.000 / in.	CHECKED -	REVISED -
	PLOT DATE = 12/13/2012	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

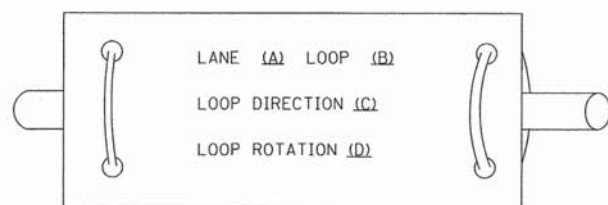
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TC-26			CONTRACT NO. 61C72	
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



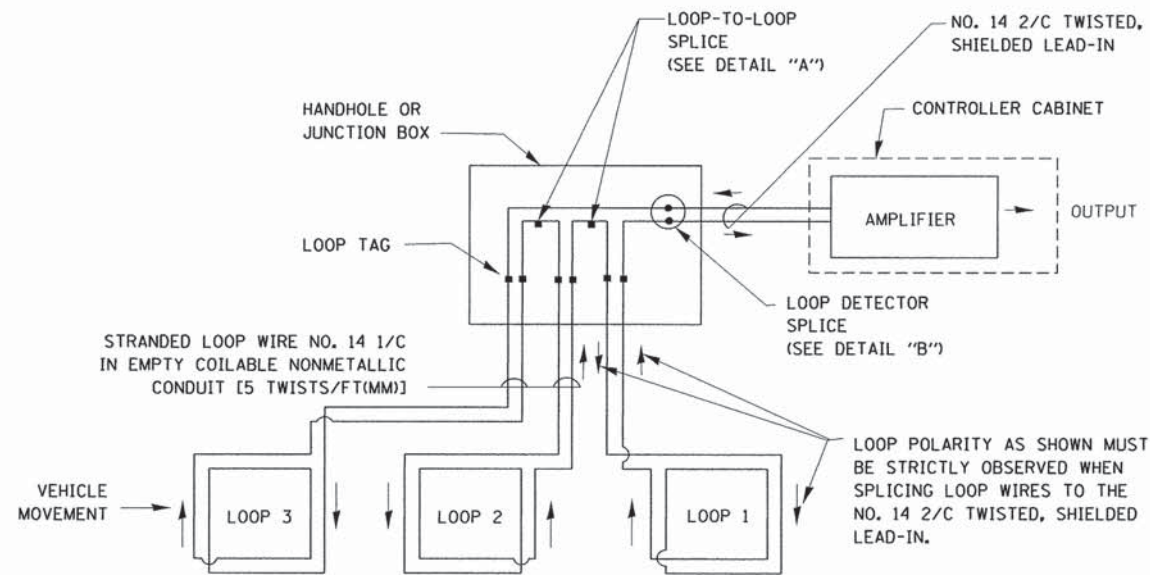
**LOOP DETECTOR NOTES**

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

**LOOP LEAD-IN CABLE TAG**

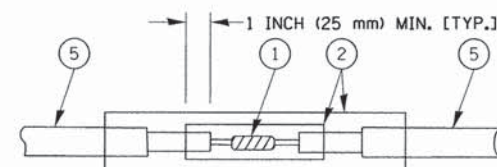


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

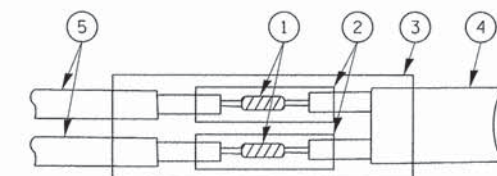


**DETECTOR LOOP WIRING SCHEMATIC**

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

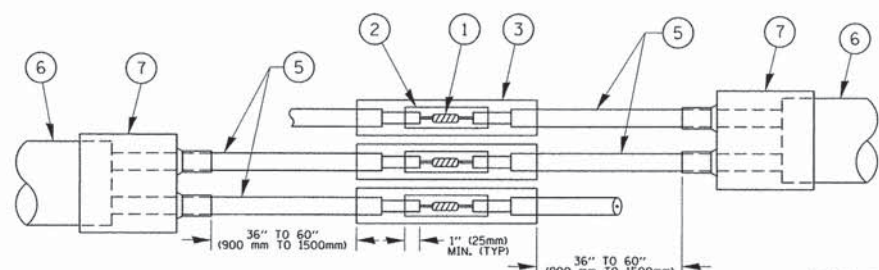


DETAIL "A"  
LOOP-TO-LOOP SPLICE

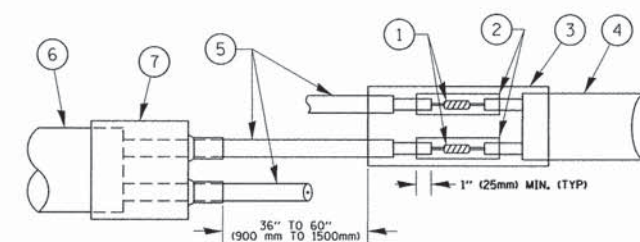


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**TYPE I LOOP**



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**PREFORMED LOOP**

**LOOP DETECTOR SPLICE**

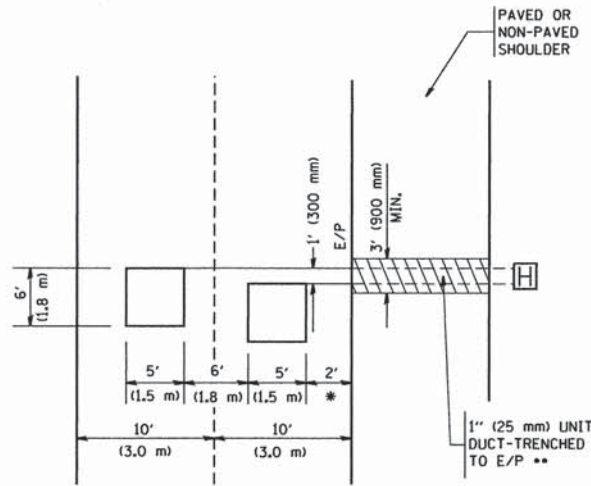
- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PREFORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pwork\pwork\footemj\d0108315\ts05.dgn		DRAWN - BCK	REVISED -		SCALE: NONE	SHEET NO. 2	OF 7 SHEETS	STA.	TO STA.	15-00120-00-RS	COOK	69	65
		CHECKED - DAD	REVISED -							TS-05			
		DATE - 10-28-09	REVISED -							FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61C72



**LOOPS NEXT TO SHOULDERS**

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

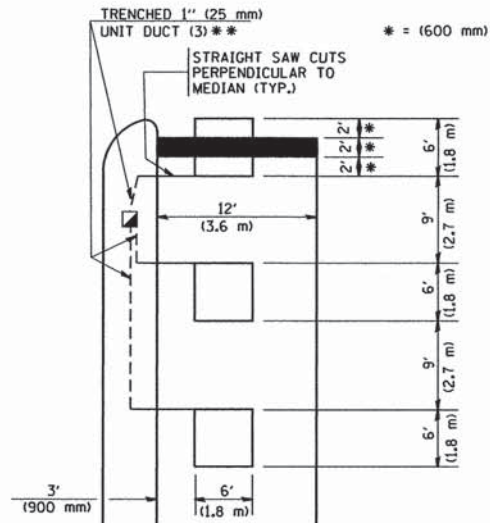


\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH  
(PROTECTED / PERMITTED LEFT TURN PHASING)**

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

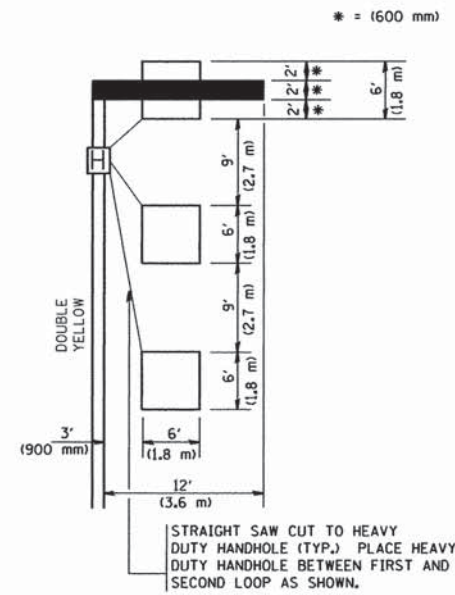


\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH  
(PROTECTED / PERMITTED LEFT TURN PHASING)**



\* = (600 mm)

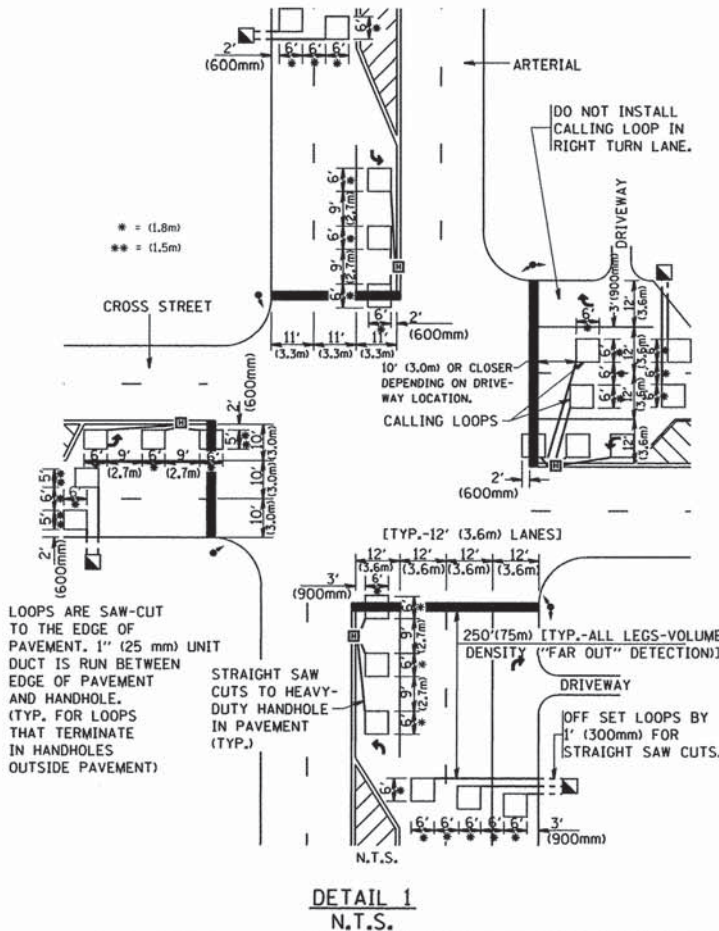
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**NOTES:**

**VEHICLES LOOP DETECTORS**

- \* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- \* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- \* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- \* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- \* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

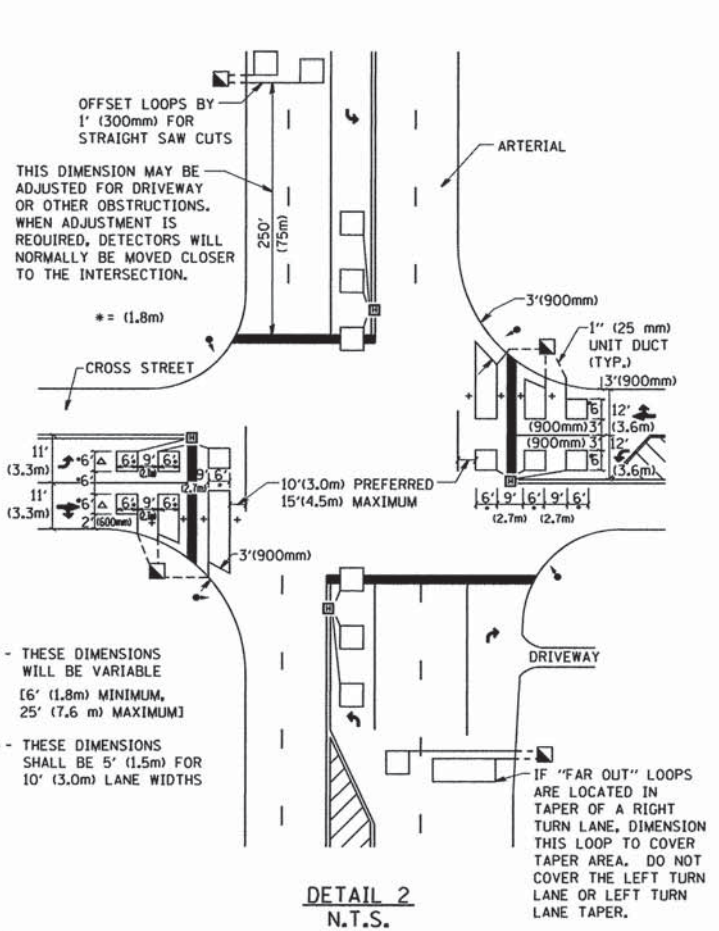
**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)  
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



\* = (1.8m)  
\*\* = (1.5m)

**DETAIL 1**  
N.T.S.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)  
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]  
△ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

**DETAIL 2**  
N.T.S.

**PLACEMENT OF DETECTORS**

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

**NOTE:**

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

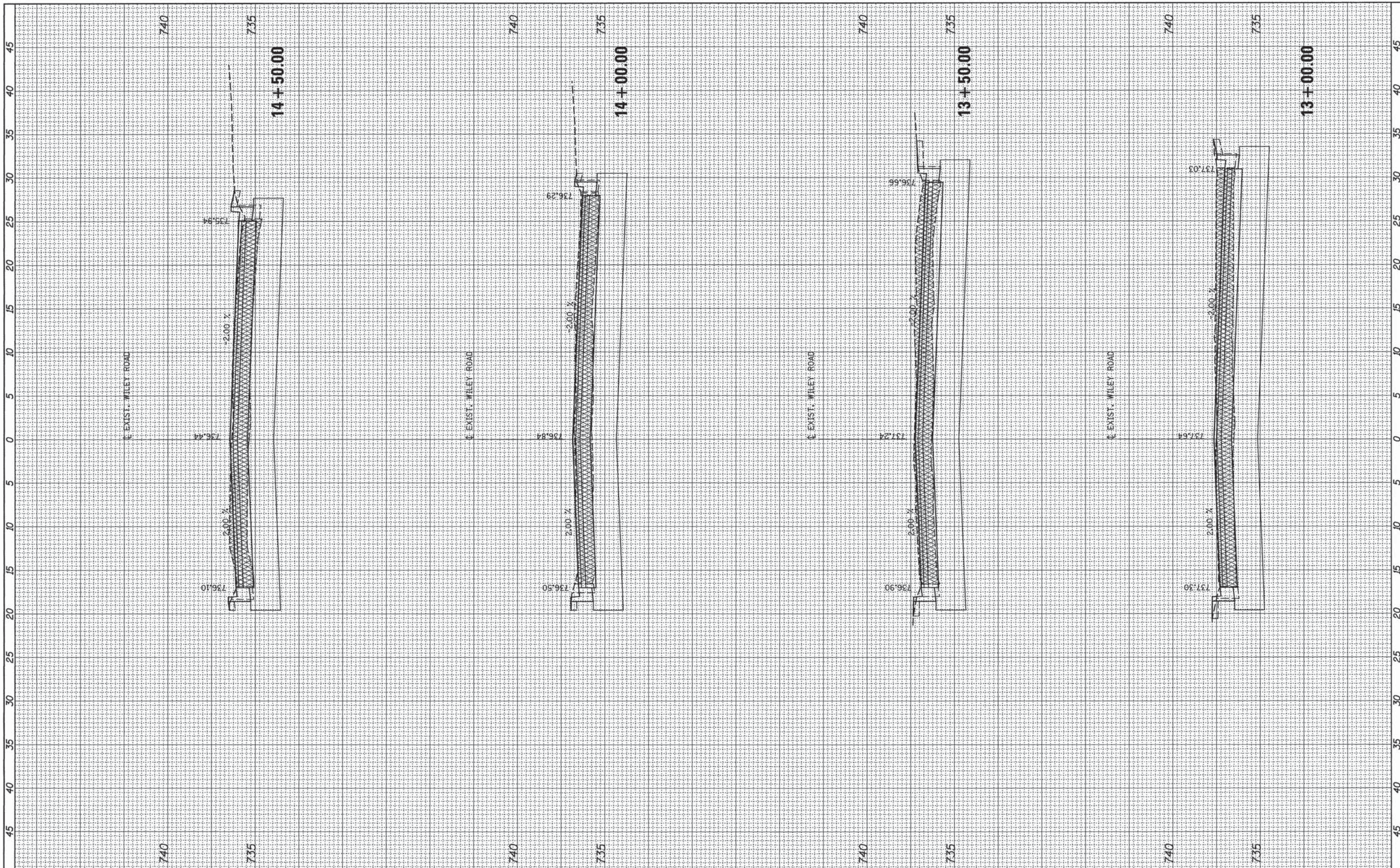
THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

FILE NAME = W:\diststd\22x34\ts07.dgn	USER NAME = goglianob	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	CHECKED - R.K.F.	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	15-00120-00-RS	COOK	69	66
	PLOT DATE = 1/4/2008	DATE -	REVISED -				TO STA.	TS-07			
								FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			



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

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



**PATRICK ENGINEERING INC.**  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = mvanak(Rdwy\_L151a)  
 DESIGNED - MJV  
 DRAWN - MJV  
 CHECKED - JJC  
 DATE - 1/25/2016  
 PLOT SCALE = #SCALE#  
 PLOT DATE = 1/25/2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

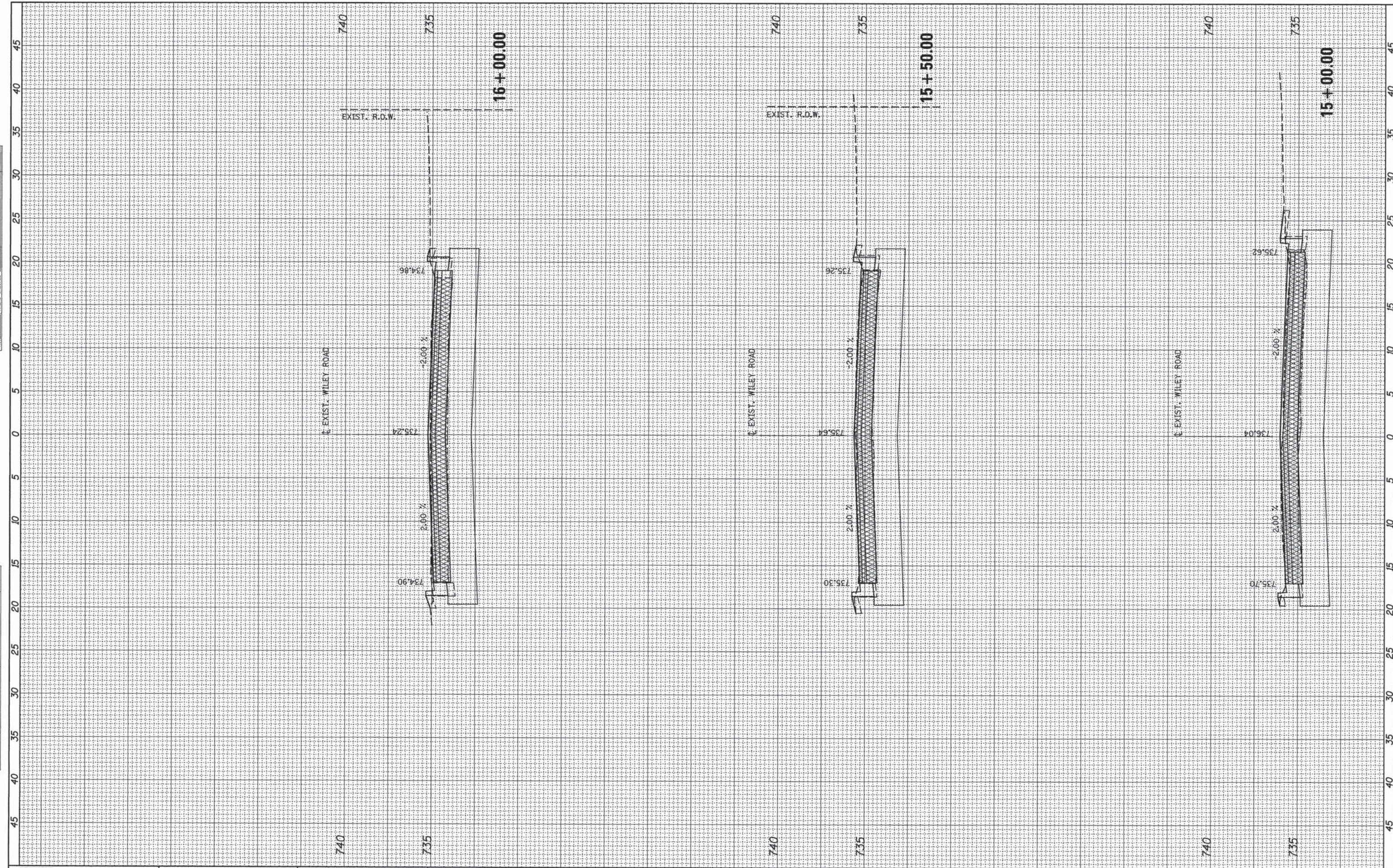
**WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD  
 RECONSTRUCTION CROSS SECTIONS**  
 SCALE: SHEET 1 OF 3 SHEETS STA. 13+00.00 TO STA. 14+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	15-00120-00-RS	COOK	69	67
CONTRACT NO. 61C72				
ILLINOIS FED. AID PROJECT				



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

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



**PATRICK ENGINEERING**  
 PATRICK ENGINEERING INC.  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = mvosak(Rdwj\_Lisle)  
 PLOT SCALE = 5,00000' / in.  
 PLOT DATE = 1/25/2016

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED - MJV  
 REVISED - MJV  
 REVISED - JJC  
 REVISED - 1/25/16

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WILELY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD  
 RECONSTRUCTION CROSS SECTIONS**

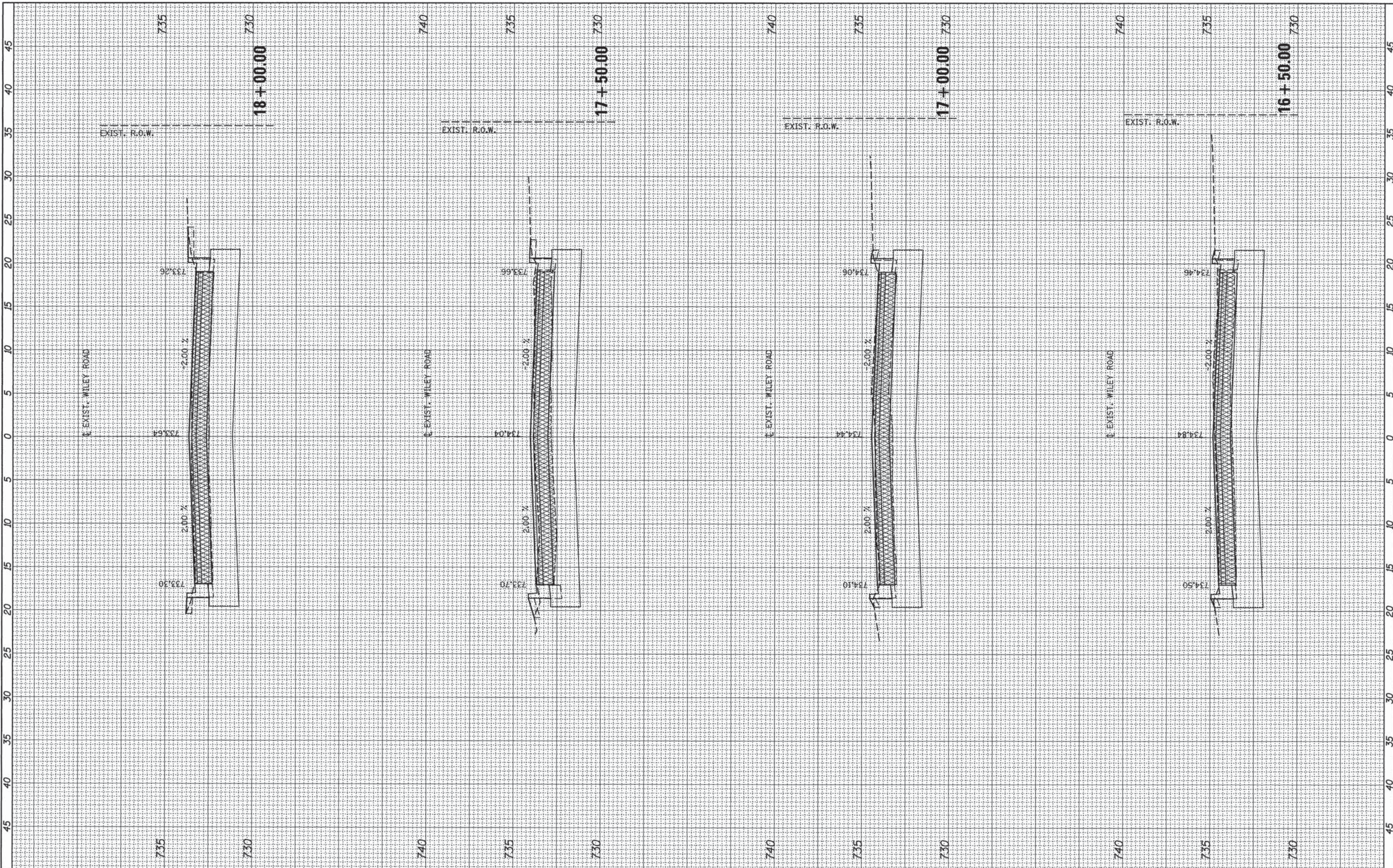
SCALE: SHEET 2 OF 3 SHEETS STA. 15+00.00 TO STA. 16+00.00

F.A.U. RTE. 2582	SECTION 15-00120-00-RS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 68
CONTRACT NO. 61C72				ILLINOIS FED. AID PROJECT



FINAL SURVEY	BY	DATE
SURVEYED		
PLotted		
TEMPLATE		
AREAS		
CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLotted		
TEMPLATE		
AREAS		
CHECKED		



PATRICK ENGINEERING INC.  
4970 VARSITY DRIVE  
LISLE, IL 60532  
patrickengineering.com

USER NAME = mvosak(Rdwy\_Lisle)  
PLOT SCALE = 5.0000" / 1 in.  
PLOT DATE 1/25/2016

DESIGNED - MJV  
DRAWN - MJV  
CHECKED - JJC  
DATE - 1/25/2016

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WILEY ROAD FROM PLUM GROVE ROAD TO TOWER ROAD  
RECONSTRUCTION CROSS SECTIONS  
SCALE: SHEET 3 OF 3 SHEETS STA. 16+50.00 TO STA. 18+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2582	15-00120-00-RS	COOK	69	69
				CONTRACT NO. 61C72

ILLINOIS FED. AID PROJECT