

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	1
ILLINOIS CONTRACT NO. 60V32				

FOR INDEX OF SHEETS, SEE SHEET NO. 2

# PROPOSED HIGHWAY PLANS

F.A.P ROUTE 338: IL. RTE. 59 (NELTNOR BLVD)  
LOC. 1) AT IL RTE. 38 (N. RAMPS)  
LOC. 2) AT IL RTE. 38 (S. RAMPS)  
SECTION: 112N-3  
TURNING LANES  
PROJECT : ACCMM-0338(075)  
DuPAGE COUNTY  
C-91-541-12

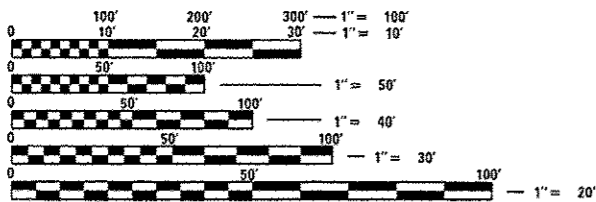
PROJECT LOCATED IN THE CITY OF WEST CHICAGO

**TRAFFIC DATA**

2012 ADT  
IL. RTE. 59 = 31700 ADT  
IL. RTE. 38 = 22,600 ADT  
BROWNING WAY (S. RAMPS) = 1700 ADT  
DAYTON AVE. (N. RAMPS) = 1800 ADT

**POSTED SPEED LIMIT**

IL. RTE. 59 = 45 MPH  
IL. RTE. 38 = 45 MPH  
BROWNING WAY (S. RAMPS) = 30 MPH  
DAYTON AVE. (N. RAMPS) = 20 MPH

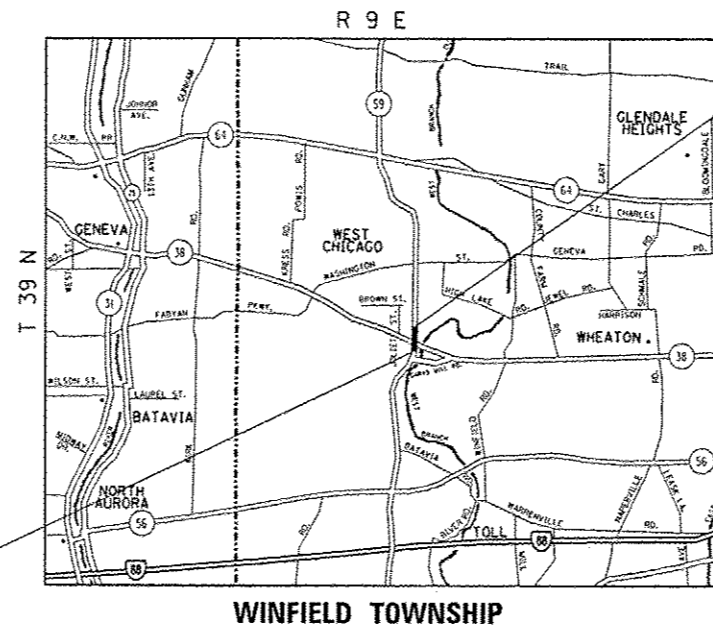


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER ALAIN MIDY (847) 221-3056  
PROJECT MANAGER ISSAM RAYYAN (847) 705-4178

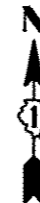
CONTRACT NO. 60V32



OMISSION  
STA. 494+64.5 TO STA. 500+35.4

PROJECT BEGINS  
STATION 494+50

PROJECT ENDS  
STATION 509+00



LOCATION OF SECTION INDICATED THIS: - [shaded rectangle]

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *May 12 20 15*

*John P. [Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

*June 26 20 15*  
*John D. Baranzelli, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT

*June 26 20 15*  
*Omer Osman, P.E.*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

IL. RTE. 59 - GROSS AND NET LENGTH OF PROJECT = 1450 FT = .27 MILE  
BROWNING WAY (S. RAMPS) - GROSS AND NET LENGTH OF PROJECT = 691.9 FT = .13 MILE  
DAYTON AVE (N. RAMPS) - GROSS AND NET LENGTH OF PROJECT = 408 FT = .07 MILE  
TOTAL GROSS AND NET LENGTH OF PROJECT = 2549.9 FT = .48 MILE

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- 602001-02 CATCH BASIN, TYPE A
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- 602401-03 MANHOLE, TYPE A
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- 604036-03 GRATE, TYPE B
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- 606001-06 CONC. CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606006-02 OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-6.24 (B-15.60)
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 666001-01 RIGHT-OF-WAY MARKERS
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
- 701006-05 OFF-ROAD OPERATION, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W SHORT TIME OPERATIONS
- 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS- DAY ONLY
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- 701701-09 URBAN LANE CLOSURE MULTILANE INTERSECTION
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- 720006-04 SIGN PANEL ERECTION DETAILS
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- 805001-01 ELECTRIC SERVICE INSTALLATIONS DETAILS
- 814001-03 HANDHOLES
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- 880001-01 SPIN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUT FOR DETECTOR LOOPS

FILE NAME *	USER NAME * midyjs	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 59 AT IL RTE 38 N. AND S. RAMPS INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwwork\p\midyjs\0301541\013741	Design.dgn	DRAWN -	REVISED -			338	112N-3	DUPAGE	71	2	
Defaults	PLOT SCALE * 100.0665 1/2 in.	CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.					
	PLOT DATE * 5/14/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT CONTRACT NO. 60V32					

## GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND CITY OF WEST CHICAGO

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

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

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

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

THE RESIDENT ENGINEER SHALL CONTACT MR. DON CHIARUGI AREA TRAFFIC FIELD ENGINEER AT (847) 741-9857. A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKING.

BEFORE BEGINING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKINGS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKINGS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470. A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINING OF WORK.

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

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

## GENERAL NOTES (CONT.)

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS- RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.

TOP OF FRAME ("RIM") ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST.

TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (01/01/2012) AND THE IDOT SUBGRADE STABILITY MANUAL (05/01/2005). IF UNSTABLE AND/OR UNSUITABLE SOILS IS NOT ENCOUNTERED, THEN THE QUALITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

ALL PIPE UNDERDRAINS SHALL BE PLACED AT A DEPTH OF 30" BELOW THE TOP OF PROPOSED PAVEMENT OR AS DEEP AS POSSIBLE AND IN ACCORDANCE WITH CHECK SHEET # 19 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAINS ITEM.

EXCAVATED DEPTH MORE THEN 12" NEAR TRAVELED LANE SHALL NOT EXCEED 48 HOURS.

## LANDSCAPING NOTES:

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE CITY OF WEST CHICAGO. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUCKS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" OR LANDSCAPE PLANTING BED PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" OR LANDSCAPE PLANTING BED PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

TREE REMOVAL PAY ITEMS SHALL BE USED TO REMOVE ANY DISEASED, DEAD, OR UNSTRUCTURALLY SOUND TREES WITHIN THE RIGHT-OF-WAY AND TO CONTROL ANY EXISTING INVASIVE TREES THAT NEGATIVELY IMPACT THE NATIVE ECOSYSTEM ALONG THE ROADSIDE. THE ENGINEER WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171 AT LEAST 7 DAYS PRIOR TO TREE REMOVAL FOR MARKING ASSISTANCE.

FILE NAME *	USER NAME * midyjo	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 59 AT IL RTE 38 N. AND S. RAMPS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei\pwwork\pwwork\midyjo\0301541\0137412-Design.dgn	DRAWN -	REVISED -	REVISED -		<b>INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES</b>		338	112N-3	DUPAGE	71	3	
PLOT SCALE * 100.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 60V32
Default	PLOT DATE * 5/14/2015	DATE -	REVISED -		(ILLINOIS) FED. AID PROJECT							

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE							
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 0004 FED. 80% STATE 20%	TRAFFIC 0021 FED. 80% STATE 20%	TRAFFIC 0021 CITY 100% CITY OF WEST CHICAGO E.V.P.	TRAFFIC 0021 INTERCONNECT FED. 80% STATE 20%	0021 CITY 100% CITY OF WEST CHICAGO FIRE HYDRANT		CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 0004 FED. 80% STATE 20%	TRAFFIC 0021 FED. 80% STATE 20%	TRAFFIC 0021 CITY 100% CITY OF WEST CHICAGO E.V.P.	TRAFFIC 0021 INTERCONNECT FED. 80% STATE 20%	0021 CITY 100% CITY OF WEST CHICAGO FIRE HYDRANT			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	60	60						30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	930	930							
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	17	17						35600714	HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/2"	SO YD	834	834							
20101000	TEMPORARY FENCE	FOOT	851	851						40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	20	20							
20200100	EARTH EXCAVATION	CU YD	449	449						40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	597	597							
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	96	96						40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	1418	1418							
20800150	TRENCH BACKFILL	CU YD	57	57						40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9393	9393							
* 21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	181	181						42001300	PROTECTIVE COAT	SO YD	662	662							
* 25000210	SEEDING, CLASS 2A	ACRE	0.04	0.04						42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	323	323							
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	10.6	10.6						44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	13639	13639							
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	10.6	10.6						44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	445	445							
* 25100630	EROSION CONTROL BLANKET	SO YD	217	217						44000300	CURB REMOVAL	FOOT	392	392							
* 25200110	SODDING, SALT TOLERANT	SO YD	563	563						44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	926	926							
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	4	4						44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	30	30							
28000400	PERIMETER EROSION BARRIER	FOOT	750	750																	
28000510	INLET FILTERS	EACH	4	4																	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	96	96																	

FILE NAME: C:\pwwork\pwwork\proj\003054\031412\031412.dwg	USER NAME: mdyja	DESIGNED: -	REVISOR: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 59 AT IL 38 (N & S RAMPS) SUMMARY OF QUANTITIES	F.A.R. RTE. 338	SECTION 112N-3	COUNTY	TOTAL SHEETS 71	SHEET NO. 4
PLOT SCALE: 1/8" = 100'-0"	DRAWN: -	REVISOR: -	SCALE:			SHEET NO. 1 OF 6 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT	CONTRACT NO. 60V32
PLOT DATE: 5/13/2015	CHECKED: -	REVISOR: -								
	DATE: -	REVISOR: -								

\* SPECIALTY ITEMS

URBAN

URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 0004 FED. 80% STATE 20%	TRAFFIC 0021 FED. 80% STATE 20%	TRAFFIC 0021 CITY 100% CITY OF WEST CHICAGO E.V.P.	TRAFFIC 0021 INTERCONNECT FED. 80% STATE 20%	0021 CITY 100% CITY OF WEST CHICAGO FIRE HYDRANT
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	24	24				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	23.4	23.4				
50105220	PIPE CULVERT REMOVAL	FOOT	88	88				
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2				
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	66	66				
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	92	92				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	110	110				
55100500	STORM SEWER REMOVAL 12"	FOOT	134	134				
56400100	FIRE HYDRANTS TO BE MOVED	EACH	1				1	
60107600	PIPE UNDERDRAINS 4"	FOOT	415	415				
60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2				
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	2	2				
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
60260100	INLETS TO BE ADJUSTED	EACH	1	1				

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
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60404950	FRAMES AND GRATES, TYPE 24	EACH	1	1				
60500050	REMOVING CATCH BASINS	EACH	3	3				
60500060	REMOVING INLETS	EACH	1	1				
60600605	CONCRETE CURB, TYPE B	FOOT	290	290				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	813	813				
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	755	755				
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	63	63				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	250	250				
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9				
67100100	MOBILIZATION	L SUM	1	1				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	60	60				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4545	4545				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	508.2	508.2				

FILE NAME :	USER NAME :	DESIGNED :	REVISD :	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 59 AT IL 38 (N &amp; S RAMPS) SUMMARY OF QUANTITIES</b>	F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:	
C:\p\101\p101\m101\j040305\A\137412-Design.dgn		DRAWN :	REVISD :			338	112N-3	DUPAGE	71	5	
PLOT SCALE :	PLOT DATE :	CHECKED :	REVISD :			CONTRACT NO. 60V32		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
1/12/2005		DATE :	REVISD :								

\* SPECIALTY ITEMS

URBAN

URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY	TRAFFIC	TRAFFIC	TRAFFIC	0021
				0004	0021	0021	0021	CITY 100%
				FED. 80% STATE 20%	FED. 80% STATE 20%	CITY 100% CITY OF WEST CHICAGO E.V.P	INTERCONNECT FED. 80% STATE 20%	CITY 100% CITY OF WEST CHICAGO FIRE HYDRANT
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	5530	5530				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1033	1033				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	230	230				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	67	67				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	136	136				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	50 FT	1393	1393				
* 72000100	SIGN PANEL - TYPE 1	50 FT	16.5		16.5			
* 72000200	SIGN PANEL - TYPE 2	50 FT	19.5		19.5			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	50 FT	508.2	508.2				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5530	5530				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1033	1033				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	230	230				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	67	67				

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY	TRAFFIC	TRAFFIC	TRAFFIC	0021
				0004	0021	0021	0021	CITY 100%
				FED. 80% STATE 20%	FED. 80% STATE 20%	CITY 100% CITY OF WEST CHICAGO E.V.P	INTERCONNECT FED. 80% STATE 20%	CITY 100% CITY OF WEST CHICAGO FIRE HYDRANT
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	136	136				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	136	136				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	105	105				
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	2		2			
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2543		1699		844	
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	119		119			
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	326		326			
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	618		618			
* 81400100	HANDHOLE	EACH	9		9			
* 81400200	HEAVY-DUTY HANDHOLE	EACH	4		4			
* 81400300	DOUBLE HANDHOLE	EACH	2		2			
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2				2	

FILE NAME: c:\pwwork\pwwork\way\j04030541\0131412\Design.dwg	USER NAME: ardyjo	DESIGNED: -	REVISION: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 59 AT IL 38 (N & S RAMPS) SUMMARY OF QUANTITIES	F.A.P. RTE. 338	SECTION 112N-3	COUNTY DuPAGE	TOTAL SHEETS 71	SHEET NO. 6
PLOT SCALE: 1/8" = 100'-0"	DRAWN: -	REVISION: -	SCALE: SHEET NO. 3 OF 6 SHEETS			STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60V32	
PLOT DATE: 5/12/2005	CHECKED: -	REVISION: -								
	DATE: -	REVISION: -								

\* SPECIALTY ITEMS



URBAN

URBAN

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY	TRAFFIC	TRAFFIC	TRAFFIC	0021	
				0004	0021	0021	0021	CITY 100%	INTERCONNECT
				FED. 80% STATE 20%	FED. 80% STATE 20%	CITY 100% WEST CHICAGO E.V.P.	FED. 80% STATE 20%	CITY 100% WEST CHICAGO FIRE HYDRANT	
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	2				2		
* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	7818				7818		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	489			489			
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3018		3018				
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1143		1143				
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2305		2305				
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	229		229				
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1132		1132				
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	6		6				
* 87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	2		2				
* 87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1		1				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY	TRAFFIC	TRAFFIC	TRAFFIC	0021	
				0004	0021	0021	0021	CITY 100%	INTERCONNECT
				FED. 80% STATE 20%	FED. 80% STATE 20%	CITY 100% WEST CHICAGO E.V.P.	FED. 80% STATE 20%	CITY 100% WEST CHICAGO FIRE HYDRANT	
* 87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1		1				
* 87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1		1				
* 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1		1				
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	32		32				
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8		8				
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	27		27				
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	22		22				
* 87900200	DRILL EXISTING HANDHOLE	EACH	3		3				
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	7		7				
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	13		13				
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3		3				

USER NAME = mdy/ja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 59 AT IL 38 (N & S RAMPS) SUMMARY OF QUANTITIES		F.A.R. RTE. 338	SECTION 112N-3	COUNTY DuPAGE	TOTAL SHEETS 71	SHEET NO. 7
PLOT SCALE = 1000000' / 1" =	DRAWN -	REVISED -		SCALE:	SHEET NO. 4 OF 6 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
PLOT DATE = 5/12/2005	CHECKED -	REVISED -		CONTRACT NO. 60V32						
	DATE -	REVISED -								

\* SPECIALTY ITEMS

URBAN

URBAN

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 0004 FED. 80% STATE 20%	TRAFFIC 0021 FED. 80% STATE 20%	TRAFFIC 0021 CITY 100% CITY OF WEST CHICAGO E.V.P.	TRAFFIC 0021 INTERCONNECT FED. 80% STATE 20%	0021 CITY 100% CITY OF WEST CHICAGO FIRE HYDRANT	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 0004 FED. 80% STATE 20%	TRAFFIC 0021 FED. 80% STATE 20%	TRAFFIC 0021 CITY 100% CITY OF WEST CHICAGO E.V.P.	TRAFFIC 0021 INTERCONNECT FED. 80% STATE 20%	0021 CITY 100% CITY OF WEST CHICAGO FIRE HYDRANT		
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3		3				* B2001664	TREE, CRATAEGUS CRUSCALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	6	6						
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10		10				* 02001972	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	6	6						
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	14		14				* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	471			471				
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1104		1104				* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	7347				7347			
* 88700200	LIGHT DETECTOR	EACH	6			6			* X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	2		2					
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	2			2			X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3	3						
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2		2				X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	2731	2731						
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	6256				6256		X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	120	120						
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		2				X6060500	CORRUGATED MEDIAN REMOVAL	SQ FT	113	113						
* 89502380	REMOVE EXISTING HANDHOLE	EACH	11		11				X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1						
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2		2														
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	14		14														
* A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6															

NON-PARTICIPATING (100% STATE)

USER NAME : mdyja	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / 1" =	DRAWN -	REVISED -
PLOT DATE = 5/12/2015	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 59 AT IL 38 (N & S RAMPS)  
SUMMARY OF QUANTITIES

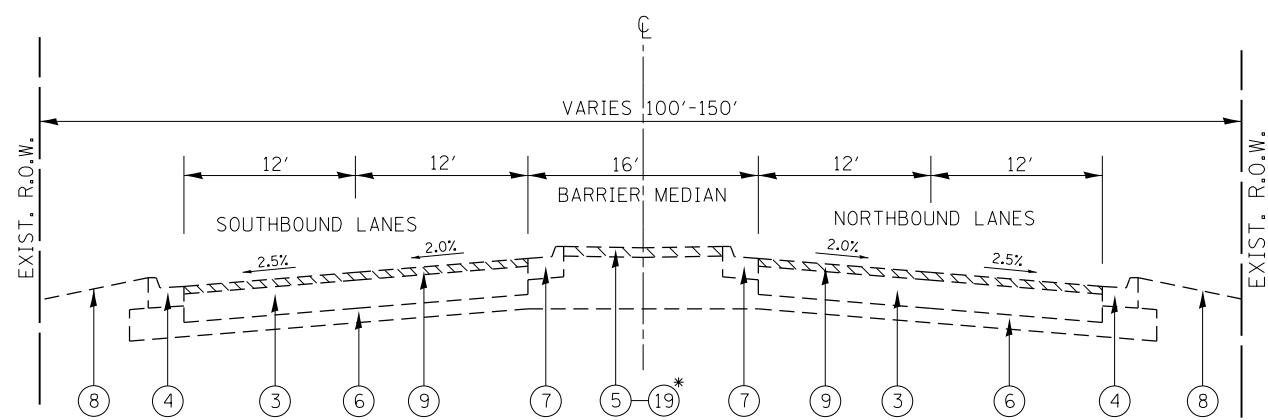
F.A.P. RTE. 338	SECTION 112N-3	COUNTY DUPAGE	TOTAL SHEETS 71	SHEET NO. 8
CONTRACT NO. 60V32			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

SCALE: SHEET NO. 5 OF 6 SHEETS STA. TO STA.

\* SPECIALTY ITEMS



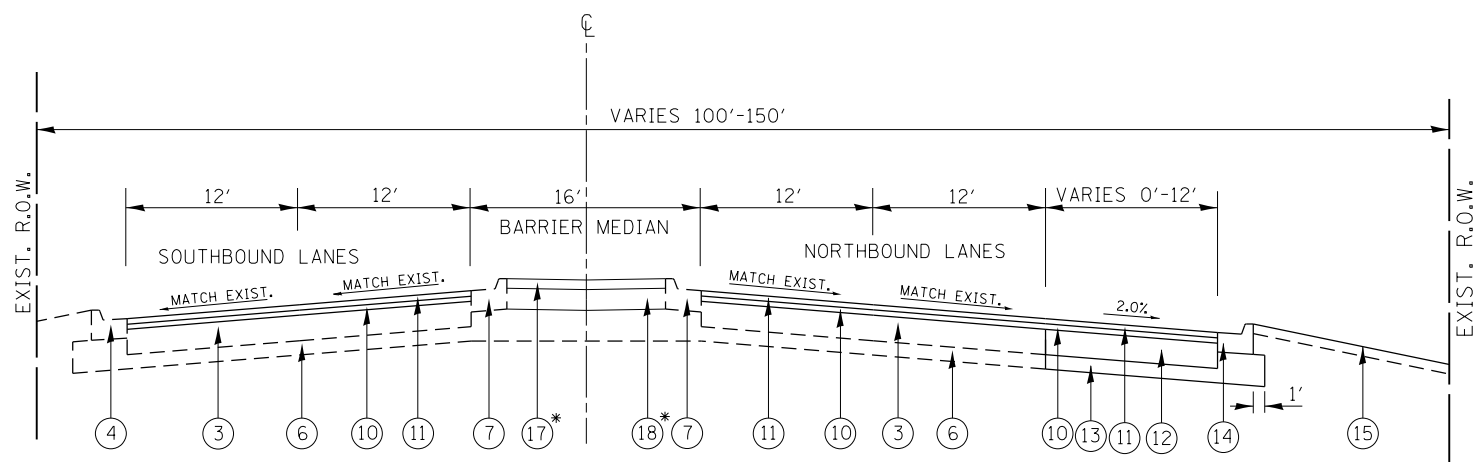




**IL. RTE. 59 AT IL. RTE 38**  
**EXISTING TYPICAL SECTION**  
 Sta. 494 + 00 to Sta. 509 + 00

**LEGEND**

- ① EXIST. HOT-MIX ASPHALT SURFACE COURSE 4"
- ② EXIST. HOT-MIX ASPHALT BASE COURSE 11 1/2"
- ③ EXIST. HOT-MIX ASPHALT PAVEMENT AFTER MILLING ± 13"
- ④ EXIST. COMBINATION CONC. CURB AND GUTTER, TYPE B-6.24
- ⑤ EXIST. MEDIAN SURFACE
- ⑥ EXIST. GRANULAR SUB-BASE
- ⑦ EXIST. COMBINATION CONC. CURB AND GUTTER, TYPE B-6.12
- ⑧ EXIST. TOP SOIL AND SODDING
- ⑧A EXIST. HOT-MIX ASPHALT SHOULDER
- ⑨ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ⑩ PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑪ PROP. POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑫ PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/2"
- ⑬ PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑭ PROP. COMB. CONC. C&G TYPE B-6.24
- ⑮ PROP. TOP SOIL, EXCAVATION AND PLACEMENT, SOD, SEED, AND NUTIRENTS
- ⑯ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑰ PROP. SEEDING CLASS 2A
- ⑱ PROP. TOPSOIL PLACEMENT, 12"
- ⑲ PROP. CONCRETE MEDIAN SURFACE REMOVAL



**IL. RTE. 59 AT IL. RTE 38**  
**PROPOSED TYPICAL SECTION**  
 Sta. 494 + 00 to Sta. 509 + 00

\* FROM STA. 498+07 TO STA. 499+65

**NOTE A:**

AGGREGATE FILL REQUIRED UNDER THE CONCRETE MEDIAN SURFACE SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE "CONCRETE MEDIAN SURFACE 4 INCH"

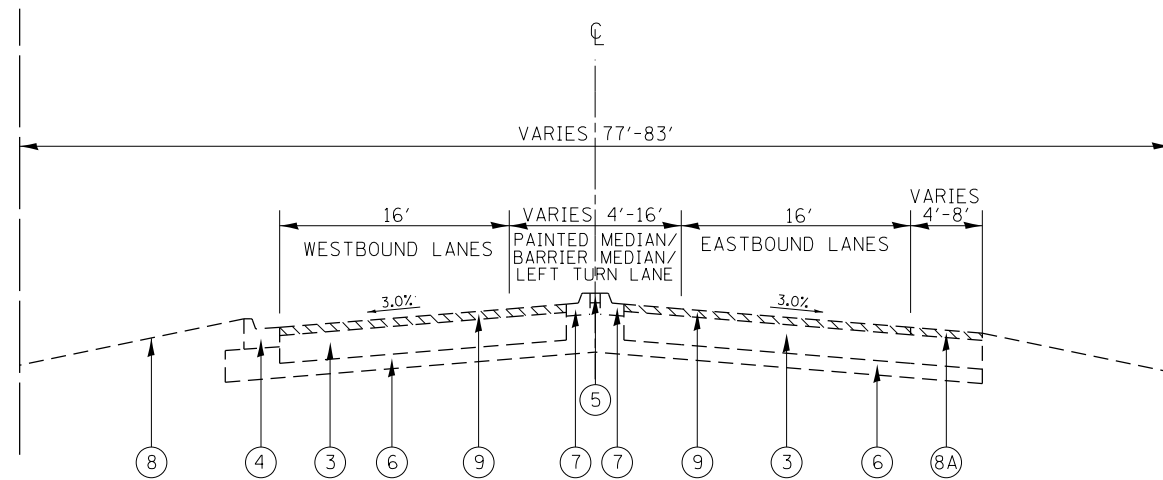
MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE USES	AIR VOIDS @ Ndes	
<b>PAVEMENT WIDENING</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	4% AT 90 GYR.	<b>QCP</b>
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% AT 50 GYR.	<b>QC/QA</b>
HOT-MIX ASPHALT BASE COURSE, WIDENING, 9" (HMA BINDER IL-19.0)	4% AT 90 GYR.	<b>QC/QA</b>
<b>PAVEMENT RESURFACING( INCLUDING SHOULDER)</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	4% AT 90 GYR.	<b>QCP</b>
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% AT 50 GYR.	<b>QC/QA</b>
<b>PATCHING</b>		
CLASS D PATCHES (HMA BINDER COURSE, IL-19.0)	4% AT 70 GYR.	<b>QC/QA</b>
QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP)		

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN

NOTE 2: THE "AC TYPE" FOR POLYMERIZED LEVELING BINDER IL-4.75 MIXTURE SHALL BE "SBS/SBR PG 76-22", FOR POLYMERIZED HMA SURFACE COURSE, MIX F, N90 MIXTURE SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE " PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE

THE CONTRACTOR SHALL MILL FIRST THEN PATCH

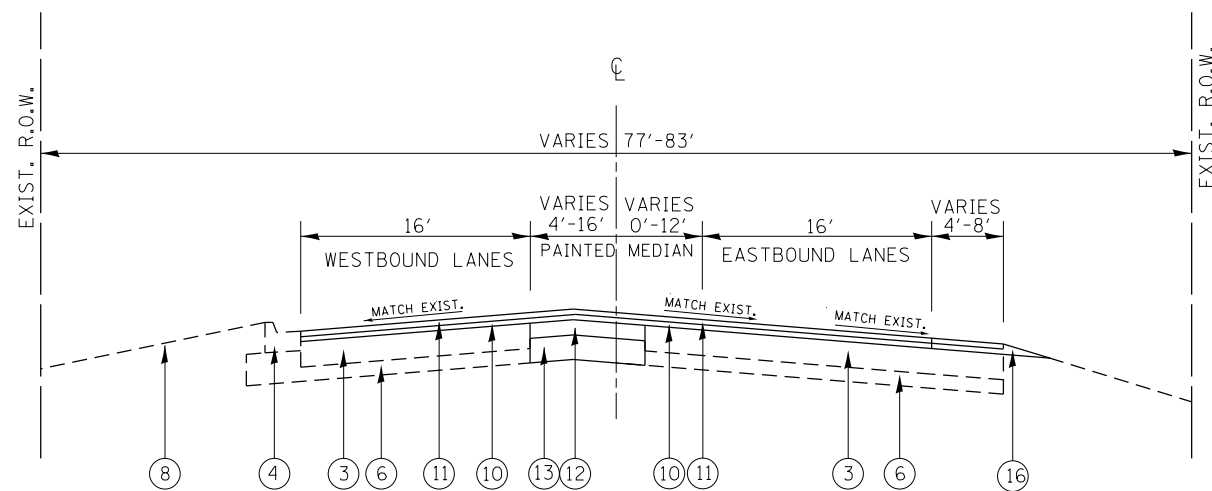
FILE NAME =	USER NAME = mdyja	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 59 AT IL RTE 38 N. AND S. RAMPS TYPICAL CROSS SECTIONS</b>	F.A.P. RTE. 338	SECTION 112N-3	COUNTY DuPAGE	TOTAL SHEETS 71	SHEET NO. 10		
Default	Plot SCALE = 100.0665' / in.	DRAWN -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 5/12/2015	CHECKED -	REVISED -			CONTRACT NO. 60V32						
		DATE -	REVISED -									



**IL. RTE. 59 AT IL. RTE 38 (BROWING WAY- S. RAMP)**  
**EXISTING TYPICAL SECTION**  
 Sta. 100+27 to Sta. 107+18.9

**LEGEND**

- ① EXIST. HOT-MIX ASPHALT SURFACE COURSE 4"
- ② EXIST. HOT-MIX ASPHALT BASE COURSE 11 1/2"
- ③ EXIST. HOT-MIX ASPHALT PAVEMENT AFTER MILLING ± 13"
- ④ EXIST. COMBINATION CONC. CURB AND GUTTER, TYPE B-6.24
- ⑤ EXIST. MEDIAN SURFACE
- ⑥ EXIST. GRANULAR SUB-BASE
- ⑦ EXIST. COMBINATION CONC. CURB AND GUTTER, TYPE B-6.12
- ⑧ EXIST. TOP SOIL AND SODDING
- ⑧A EXIST. HOT-MIX ASPHALT SHOULDER
- ⑨ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ⑩ PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑪ PROP. POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑫ PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/2"
- ⑬ PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑭ PROP. COMB. CONC. C&G TYPE B-6.24
- ⑮ PROP. TOP SOIL, EXCAVATION AND PLACEMENT, SOD, SEED, AND NUTIRENTS
- ⑯ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑰ PROP. SEEDING CLASS 2A
- ⑱ PROP. TOPSOIL PLACEMENT, 12"
- ⑲ PROP. CONCRETE MEDIAN SURFACE REMOVAL



**IL. RTE. 59 AT IL. RTE 38 (BROWING WAY- S. RAMP)**  
**PROPOSED TYPICAL SECTION**  
 Sta. 100+27 to Sta. 107+18.9

NOTE A:

AGGREGATE FILL REQUIRED UNDER THE CONCRETE MEDIAN SURFACE SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE "CONCRETE MEDIAN SURFACE 4 INCH"

THE CONTRACTOR SHALL MILL FIRST THEN PATCH

FILE NAME =	USER NAME = mdyja	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 59 AT IL RTE 38 N. AND S. RAMPS TYPICAL CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\mdyja\0301541\0137412-Design.dgn	DRAWN -	REVISED -	338			112N-3	DUPAGE	71	11		
Default	PLOT SCALE = 100.0665' / in.	CHECKED -	REVISED -			CONTRACT NO. 60V32					
	PLOT DATE = 5/13/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	



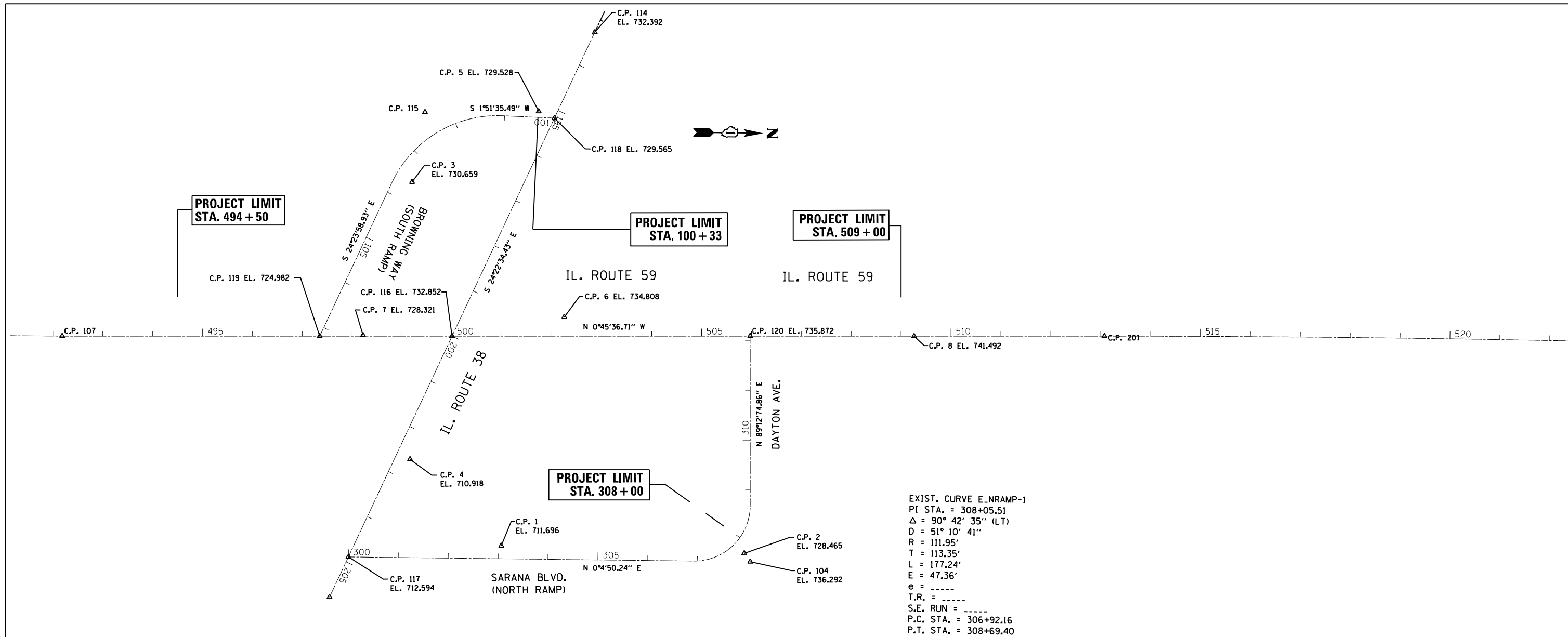
## EARTHWORK SCHEDULE

IL RTE. 59	EARTH EXCAVATION (CU. YD.)	TOP SOIL EXCAVATION (CU. YD.)	EXCAVATION USED AS EMBANKMENT (SHRINKAGE 15%) (CU. YD.)	TOP SOIL EXCAVATION USED AS TOP SOIL (SHRINKAGE 15%) (CU. YD.)	EMBANKMENT (CU. YD.)	TOP SOIL PLACEMENT (CU. YD.)	EARTH WORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)	TOP SOIL BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)
IL 59	361	135	307	114	27	27	280	87
<b>DAYTON AVE.</b>								
N. RAMP	88	46	75	39	5	9	70	30
<b>BROWNING WAY</b>								
S. RAMP	0	0	0	0	0	0		
<b>TOTAL</b>	449	181	382	153	32	165	350	117

## PIPE UNDERDRAINS

INSTALL LOCATIONS	OFFSET/SIDE (FEET)
STA. 501+00 to STA. 505+00	± 43' RT

FILE NAME = DI37412-Design.dgn	USER NAME = mdyja	DESIGNED	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 59 AT IL RTE 38 N. AND S. RAMPS PROPOSED PIPE AND STRUCTURE TABLES</b>	F.A.P. RTE. 338	SECTION 112N-3	COUNTY	TOTAL SHEETS 71	SHEET NO. 13
	PLOT SCALE = 100.0000' / 1" =	DRAWN	REVISED -							
	PLOT DATE = 5/12/2015	CHECKED	REVISED -		SCALE: NONE	SHEET NO.	OF	SHEETS	STA.	TO STA.
		DATE	-							
CONTRACT NO. 60V32										
ILLINOIS FED. AID PROJECT										



EXIST. CURVE E\_NRAMP-1  
 PI STA. = 308+05.51  
 Δ = 90° 42' 35'' (LT)  
 D = 51° 10' 41''  
 R = 111.95'  
 T = 113.35'  
 L = 177.24'  
 E = 47.36'  
 e = ----  
 T.R. = ----  
 S.E. RUN = ----  
 P.C. STA. = 306+92.16  
 P.T. STA. = 308+69.40

ALIGNMENT COORDINATES - BROWNING WAY SOUTH RAMP		
STATION	N	E
POB 100+00.00	1892570.5340	1021555.3262
PC 101+03.50	1892467.0871	1021551.9670
PI 102+59.64	1892311.0311	1021546.8996
PT 103+78.84	1892246.5304	1021689.0925
POT 107+18.90	1892106.0568	1021998.7689

ALIGNMENT COORDINATES - SARANA BLVD. NORTH RAMP		
STATION	N	E
POB 300+00.00	1892169.3376	1022440.7351
PC 306+92.16	1892861.4957	1022439.7612
PI 307+80.78	1892974.8450	1022439.6020
PT 308+69.40	1892973.2811	1022326.2635
POT 312+08.40	1892968.6056	1021987.3240

ALIGNMENT COORDINATES - IL. RTE. 59		
STATION	N	E
POB 492+18.64	1891589.9060	1022005.6180
POT 513+00.29	1893671.3767	1021977.9992

ALIGNMENT COORDINATES - IL. RTE. 38		
STATION	N	E
POB 193+27.50	1892648.7540	1021382.7009
POT 205+78.23	1892132.5454	1022521.9325

**BENCHMARK #1**  
 "□" CUT IN EASTERLY CORNER OF CONCRETE BASE OF TRAFFIC CONTROL BOX AT IL. RTE. 59 AND IL. RTE. 38 EASTBOUND RAMP. ELEVATION = 728.296

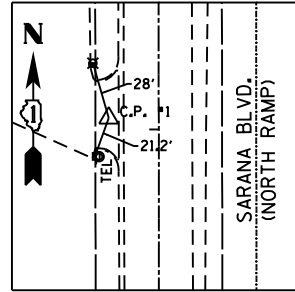
**BENCHMARK #2**  
 "□" CUT IN SOUTHWEST CORNER OF CONCRETE BASE OF TRAFFIC CONTROL BOX AT IL. RTE. 59 AND IL. RTE. 38 WESTBOUND RAMP. ELEVATION = 735.691

**BENCHMARK #3**  
 "□" CUT IN SOUTH END OF 5' HEADWALL IN NORTHWEST QUADRANT OF IL. RTE. 38 AND DUPAGE RIVER BRIDGE. ELEVATION = 707.916

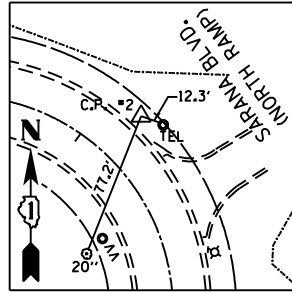
**BENCHMARK #4**  
 MAGNETIC NAIL AND RIBBON IN BITUMINOUS AT END OF GUARDRAIL ON WEST SIDE OF IL. RTE. 59 ±300' NORTH OF BRIDGE OVER IL. RTE. 38. ELEVATION = 734.808

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENT, TIES AND BENCHMARKS IL. ROUTE 59 AT IL. ROUTE 38 NORTH &amp; SOUTH RAMPS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Default	DRAWN -	REVISED -			338	112N-3	DUPAGE	71	14	
		CHECKED -	REVISED -			CONTRACT NO. 60V32					
		DATE -	REVISED -			SCALE: 1"=50'	SHEET	OF	SHEETS	STA.	TO

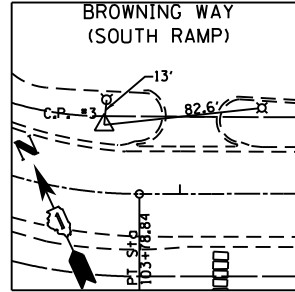




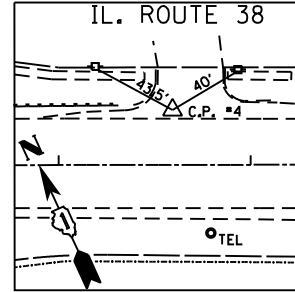
**CONTROL POINT #1**  
 MAGNETIC NAIL IN ENTRANCE TO PIZZA PLACE WESTBOUND RAMP  
 STA. 303+05.93 26.04' LT. (SARANA BLVD.)  
 N 18922475.2270  
 E 1022414.2600  
 ELEVATION 711.696



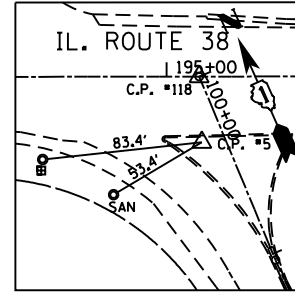
**CONTROL POINT #2**  
 IRON ROD AT WATER TREATMENT FACILITY EASTBOUND RAMP  
 STA. 307+83.15 27.05' RT. (SARANA BLVD.)  
 N 1892286.8570  
 E 1022423.2310  
 ELEVATION 728.465



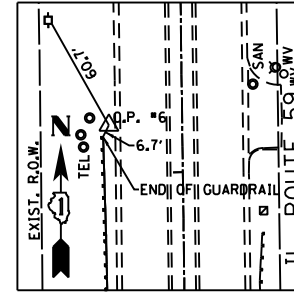
**CONTROL POINT #3**  
 IRON ROD IN FRONT OF STRIP MALL  
 STA. 103+57.31 35.15' LT. (BROWNING WAY)  
 N 1892286.8570  
 E 1021687.3240  
 ELEVATION 730.659



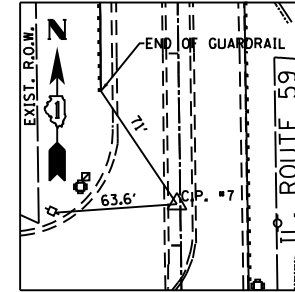
**CONTROL POINT #4**  
 MAGNETIC NAIL ON NORTH SIDE IL. RTE. 38 IN ABANDONED ENTRANCE EAST OF IL. RTE. 59  
 STA. 202+59.33 28.62' LT. (IL. RTE. 38)  
 N 1892290.2310  
 E 102243.2720  
 ELEVATION 710.918



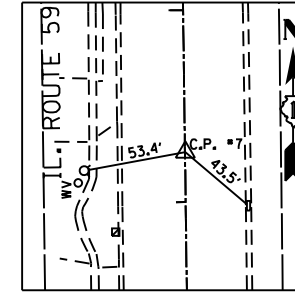
**CONTROL POINT #5**  
 MAGNETIC NAIL IN ISLAND AT START OF EASTBOUND RAMP  
 STA. 195+18.27 34.26' RT. (IL. RTE. 38)  
 STA. 100+32.12 11.97' RT. (SOUTH RAMP)  
 N 1892538.8160  
 E 1021542.3210  
 ELEVATION 729.528



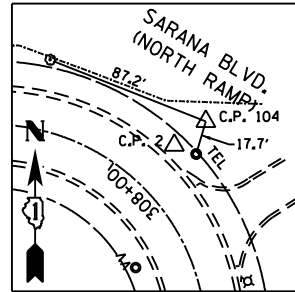
**CONTROL POINT #6**  
 MAGNETIC NAIL IN BITUMINOUS AT END OF GUARDRAIL WEST SIDE OF IL. RTE. 59 NORTH OF BRIDGE  
 STA. 502+24.95 38.26' LT. (IL. RTE. 59)  
 N 1892595.6160  
 E 1021954.0100  
 ELEVATION 734.808



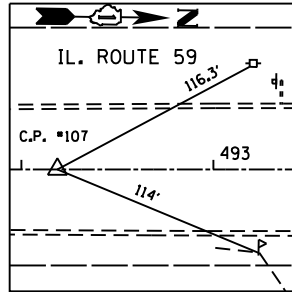
**CONTROL POINT #7**  
 MAGNETIC NAIL IN MEDIAN IL. RTE. 59 SOUTH OF BRIDGE  
 STA. 498+21.56 1.81' LT. (IL. RTE. 59)  
 N 1892192.7450  
 E 1021995.8070  
 ELEVATION 728.321



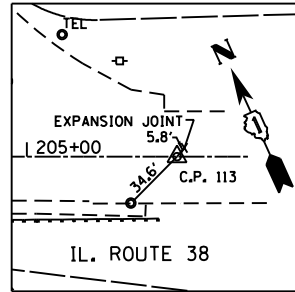
**CONTROL POINT #8**  
 MAGNETIC NAIL IN C. IL. RTE. 59 NORTH OF WESTBOUND RAMP  
 STA. 509+26.03 0.15' RT. (IL. RTE. 59)  
 N 1893297.1480  
 E 1021983.1110  
 ELEVATION 741.492



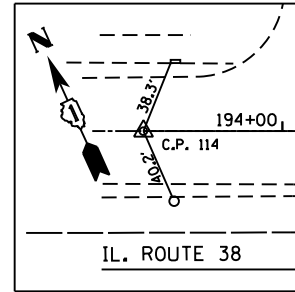
**CONTROL POINT #104**  
 IRON ROD AT PI OF WESTBOUND RAMP  
 STA. 307+80.78 47.36' RT. (SARANA BLVD.)  
 N 1892974.8450  
 E 1022439.6020  
 ELEVATION 736.292



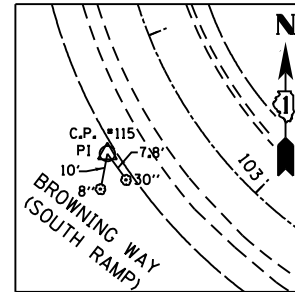
**CONTROL POINT #107**  
 MAGNETIC NAIL IN C. IL. RTE. 59 (SOUTH)  
 STA. 492+18.64 0.0' RT.  
 N 1891589.9060  
 E 1022005.6180  
 ELEVATION 711.525



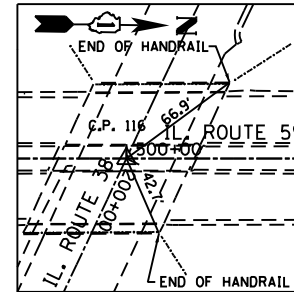
**CONTROL POINT #113**  
 MAGNETIC NAIL IN C. IL. RTE. 38 (EAST) AT EXPANSION JOINT  
 STA. 205+78.23 0.0' RT. (IL. RTE. 38)  
 N 1892132.5454  
 E 1022521.9325  
 ELEVATION 712.509



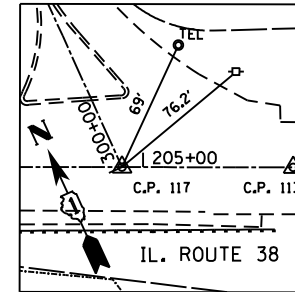
**CONTROL POINT #114**  
 MAGNETIC NAIL IN C. IL. RTE. 38 (WEST)  
 STA. 193+27.5 0.0' RT. (IL. RTE. 38)  
 N 1892648.7540  
 E 1021382.7009  
 ELEVATION 732.392



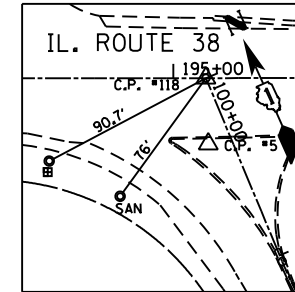
**CONTROL POINT #115**  
 IRON ROD AT PI EAST BOUND RAMP  
 STA. 102+41.17 47.33' RT. (BROWNING WAY)  
 N 1892311.0311  
 E 1021546.8996



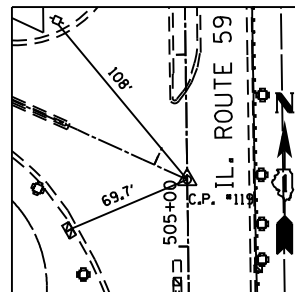
**CONTROL POINT #116**  
 "X" CUT IN C. OF BRIDGE OVER IL. RTE. 38  
 STA. 500+00.0 0.0' RT. (IL. RTE. 59)  
 STA. 200+00.0 0.0' RT. (IL. RTE. 38)  
 N 1892371.1954  
 E 1021995.2509  
 ELEVATION 732.852



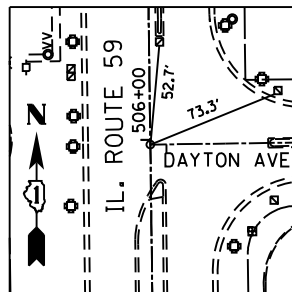
**CONTROL POINT #117**  
 MAGNETIC NAIL IN C. IL. RTE. 38  
 STA. 204+89 0.0' RT. (IL. RTE. 38)  
 STA. 300+00 0.0' RT. (NORTH RAMP)  
 N 1892169.3376  
 E 1021555.3262  
 ELEVATION 712.594



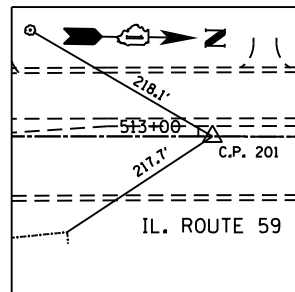
**CONTROL POINT #118**  
 MAGNETIC NAIL IN C. OF IL. RTE. 38  
 STA. 195+00.00' RT. (IL. RTE. 38)  
 STA. 100+00' 0.0 RT. (SOUTH RAMP)  
 N 1892570.5340  
 E 1021555.3262  
 ELEVATION 729.565



**CONTROL POINT #119**  
 MAGNETIC NAIL IN C. IL. RTE. 59  
 STA. 107+18.89 0.0' RT. (BROWNING WAY)  
 STA. 497+34.83 0.0 RT. (IL. RTE. 59)  
 N 1892106.0568  
 E 1021998.7689  
 ELEVATION 724.982



**CONTROL POINT #120**  
 MAGNETIC NAIL IN C. IL. RTE. 59  
 STA. 505+97.5 0.0' RT. (IL. RTE. 59)  
 STA. 312+08.37 0.0' RT. (DAYTON AVE.)  
 N 1892968.6506  
 E 1021987.3240  
 ELEVATION 735.872



**CONTROL POINT #201**  
 MAGNETIC NAIL IN C. IL. RTE. 59 (NORTH)  
 STA. 513+000.29 0.0' RT. (IL. RTE. 59)  
 N 1893671.3767  
 E 1021977.9992

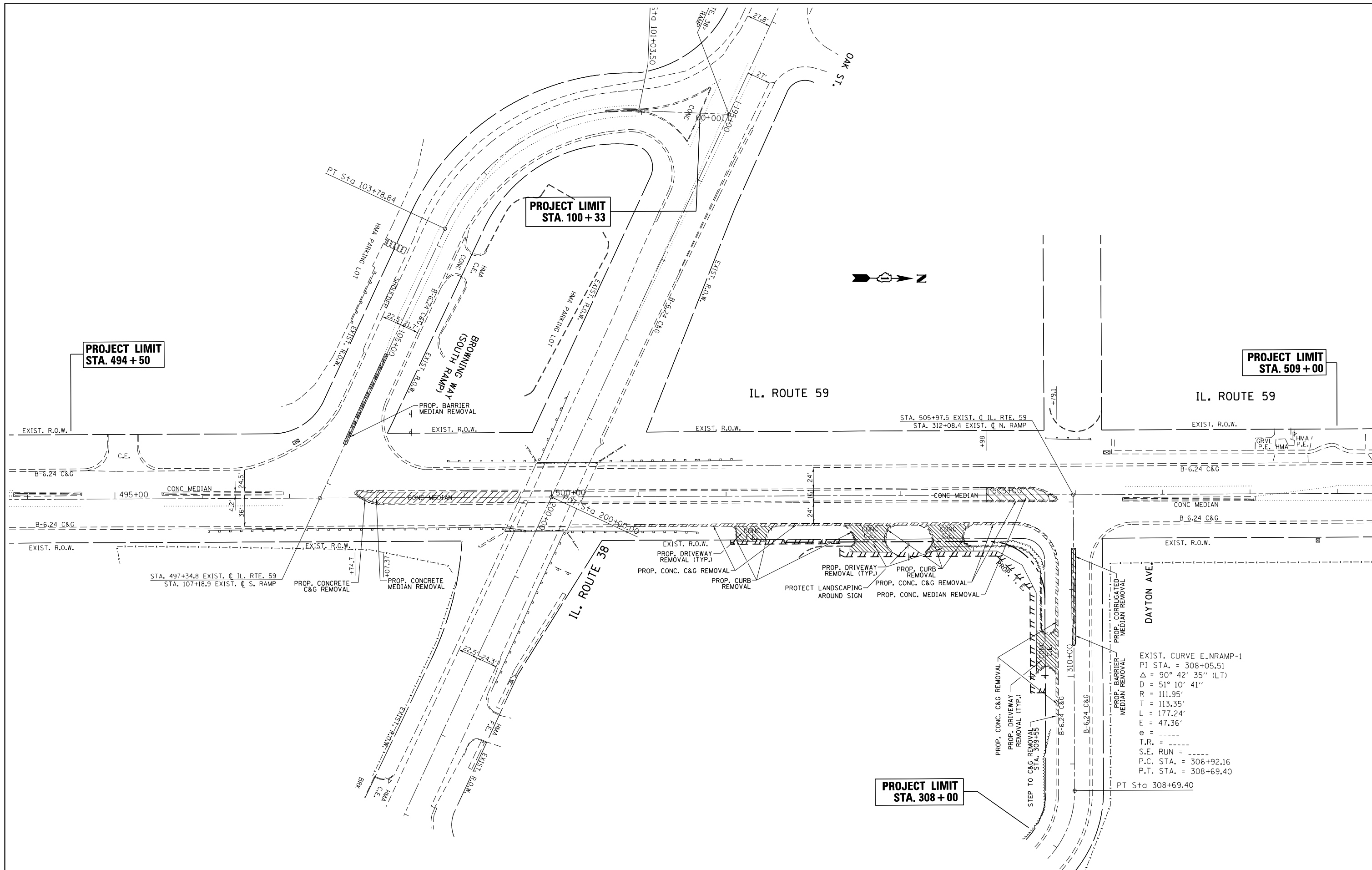
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Default	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/12/2015	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS  
 IL. ROUTE 59 AT IL. ROUTE 38 NORTH & SOUTH RAMPS

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	15
				CONTRACT NO. 60V32
ILLINOIS FED. AID PROJECT				



EXIST. CURVE E\_N RAMP-1  
 PI STA. = 308+05.51  
 $\Delta = 90^\circ 42' 35''$  (LT)  
 $D = 51^\circ 10' 41''$   
 $R = 111.95'$   
 $T = 113.35'$   
 $L = 177.24'$   
 $E = 47.36'$   
 $\theta =$   
 $S.E. RUN =$   
 $P.C. STA. = 306+92.16$   
 $P.T. STA. = 308+69.40$

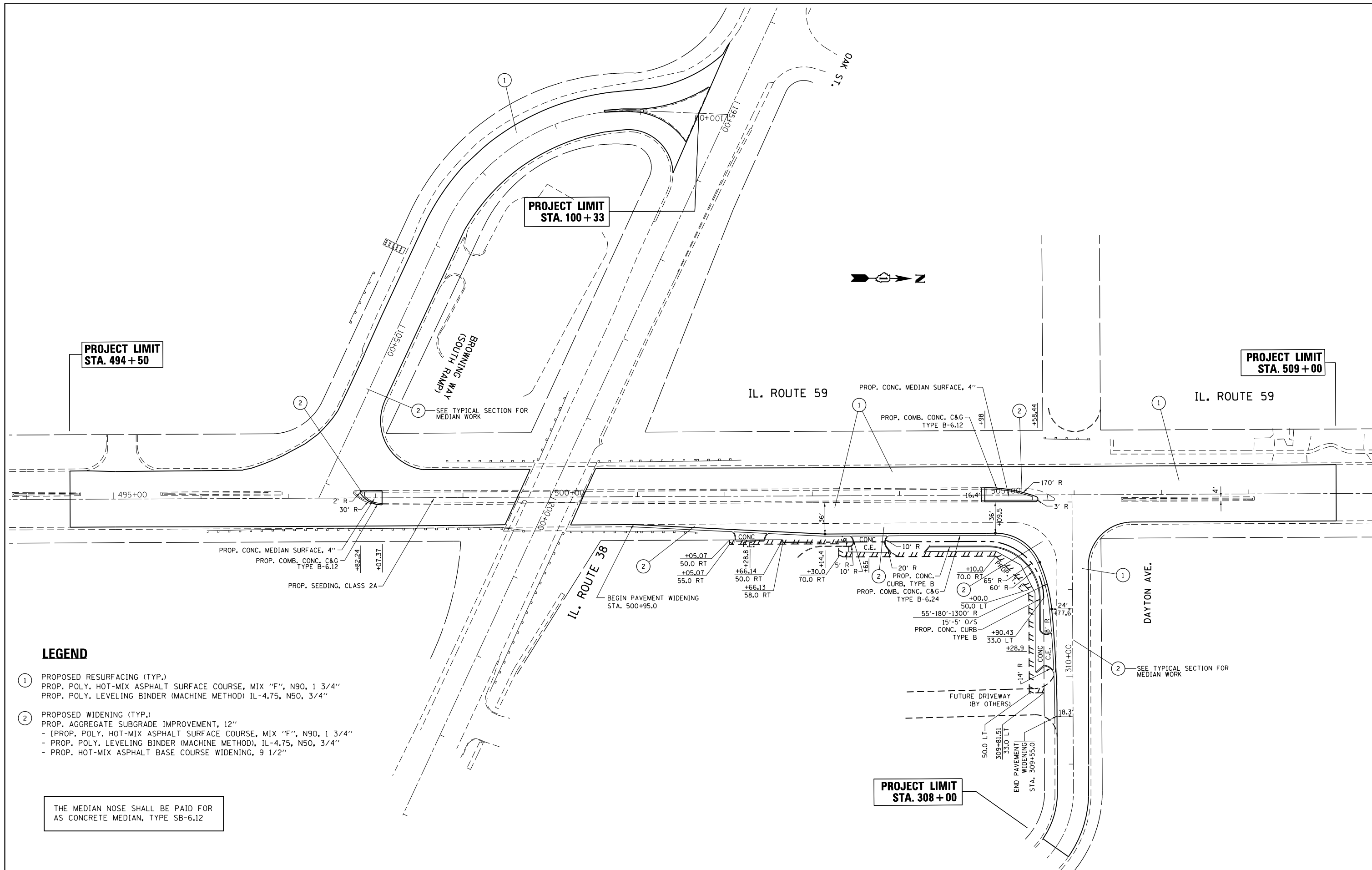
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/12/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING ROADWAY PLAN  
 IL ROUTE 59 AT RAMPS**

SCALE: 1" = 50'      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	16
CONTRACT NO. 60V32				
ILLINOIS FED. AID PROJECT				



**PROJECT LIMIT  
STA. 494 + 50**

**PROJECT LIMIT  
STA. 100 + 33**

**PROJECT LIMIT  
STA. 509 + 00**

**PROJECT LIMIT  
STA. 308 + 00**

**LEGEND**

- ① PROPOSED RESURFACING (TYP.)  
PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"  
PROP. POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 3/4"
- ② PROPOSED WIDENING (TYP.)  
PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"  
- [PROP. POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"  
- PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"  
- PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/2"

THE MEDIAN NOSE SHALL BE PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.12

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -
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	PLOT DATE = 5/12/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

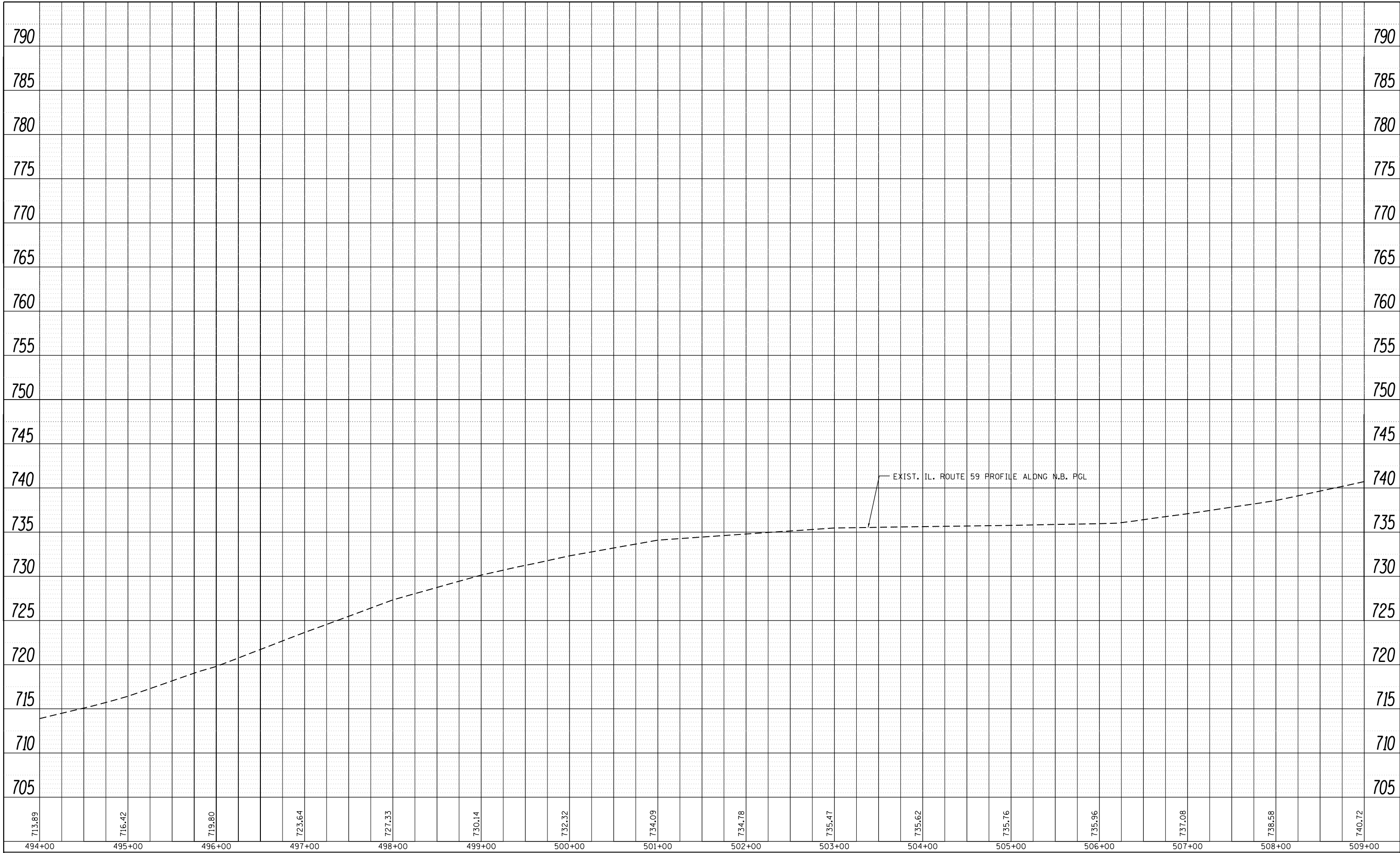
**PROPOSED ROADWAY PLAN  
IL ROUTE 59 AT RAMPS**

SCALE: 1" = 50'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	17
CONTRACT NO. 60V32				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOT AT THIS OFFICE		



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	PLOT DATE = 5/12/2015	DATE -	REVISED -

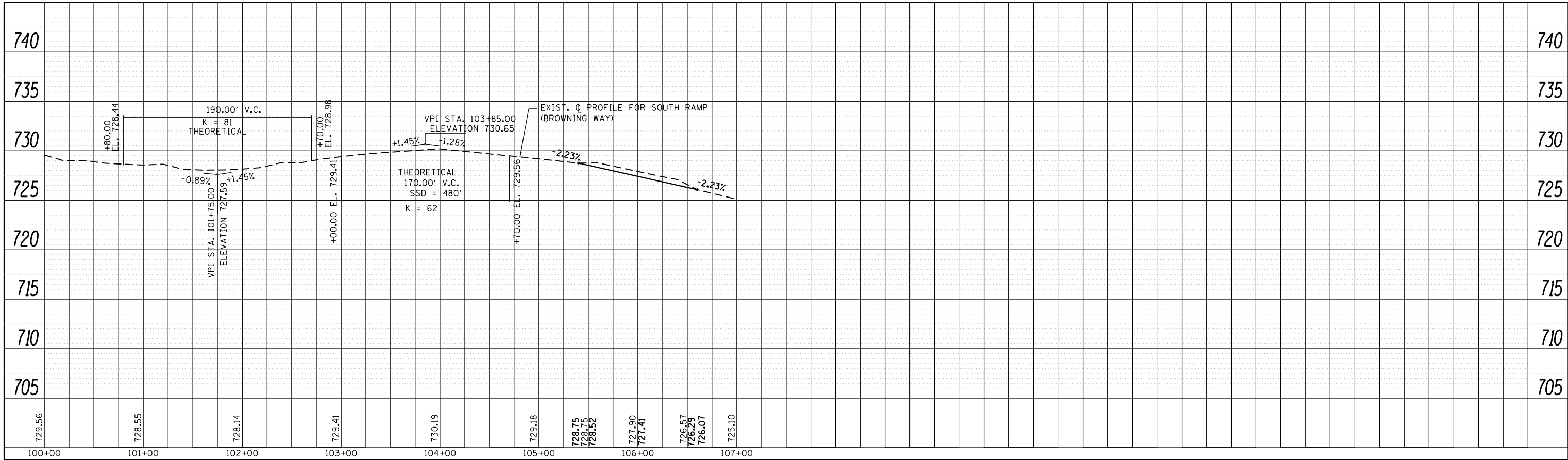
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PROFILE  
IL ROUTE 59 AT RAMPS**

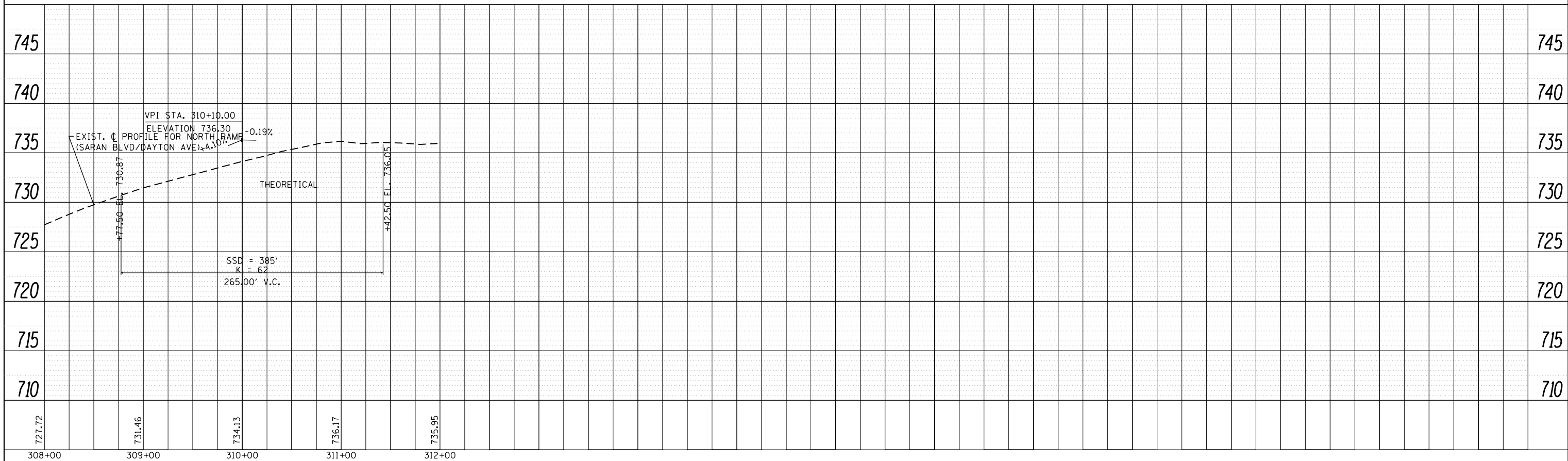
SCALE: 1"=50'      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	18
CONTRACT NO. 60V32			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



FILE NAME =	USER NAME = miduja	DESIGNED -	REVISED -
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	PLOT DATE = 5/12/2015	DATE -	REVISED -

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

<b>ROADWAY PROFILE</b>	
<b>IL ROUTE 59 AT NORTH AND SOUTH RAMPS</b>	
SCALE: 1"=50'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
388	112N-3	DUPAGE	71	19
CONTRACT NO. 60V32				
ILLINOIS FED. AID PROJECT				

STAGE I

ESTABLISH TRAFFIC CONTROL AS SHOWN ON THE STAGING & TRAFFIC CONTROL STAGE II. THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL & PROTECTION (SPECIAL)

INSTALL TEMPORARY EROSION CONTROL MEASURE AS SHOWN ON THE EROSION CONTROL PLAN, (SEE NOTE)

REMOVE EXIST. DRIVEWAY & CURB & GUTTER ON EAST SIDE OF IL 59 AND INSTALL PROP. CURB & GUTTER, HMA BASE COURSE COURSE WIDENING, STORM SEWER, STRUCTURES, SODDING AND ALL OTHER COLLATERAL WORK AS SHOWN ON STAGE I PLANS.

REMOVE EXIST. CONCRETE MEDIAN ON NORTH & SOUTH END SIDE OF IL RTE. 59 AND INSTALL PROP. CONCRETE MEDIAN AND ALL OTHER COLLATERAL WORK AS SHOWN ON ON STAGE I PLANS.

STAGE II

REMOVE EXIST. MEDIAN ON DAYTON AVE. AND BROWNING WAY AND INSTALL PROP. HMA BASE COURSE WIDENING AND ALL OTHER COLLATERAL WORK AS SHOWN ON STAGE II PLANS.

MILL EXSIT. PAVEMENT AND INSTALL FINAL SURFACE & BINDER ON THE MILLED AND WIDENING AREA, INSTALL FINAL PAVEMENT MARKING, RAISED REFLECTIVE PAVEMENT MARKERS AND ALL OTHER COLLATERAL WORK AS SHOWN ON PLANS.

STAGE PRE-STAGE

ESTABLISH TRAFFIC CONTROL AS SHOWN ON THE STAGING & TRAFFIC CONTROL STAGE I. THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL & PROTECTION (SPECIAL)

INSTALL TEMPORARY EROSION CONTROL MEASURE AS SHOWN ON THE EROSION CONTROL PLAN, (SEE NOTE)

PLACE THE CROSS ROAD CULVERT, PAVEMENT SHALL BE REMOVED AND REPLACED WITH CLASS "D" PATCH. THIS WORK SHALL BE DONE USING THE APPROPRIATE TRAFFIC CONTROL & PROTECTION STANDARD

NOTE:

EXCAVATED DEPTH MORE THEN 12" NEAR TRAVELED LANE SHALL NOT EXCEED 48 HOURS.

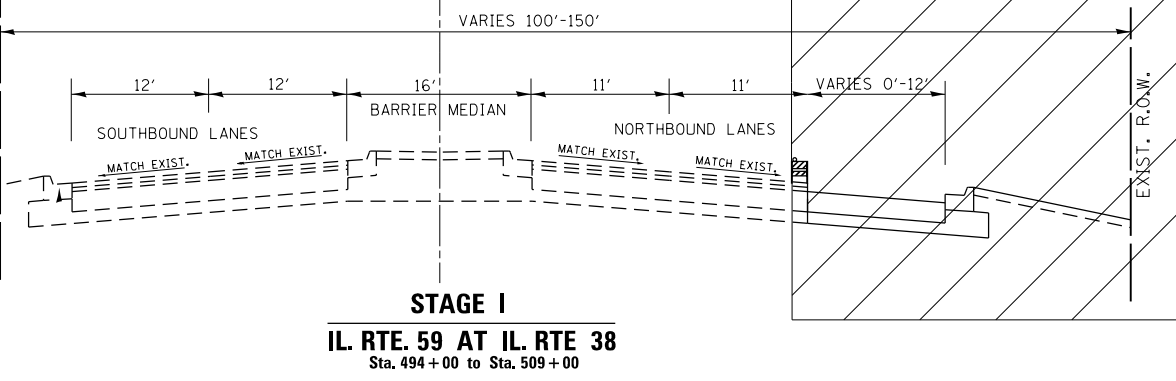
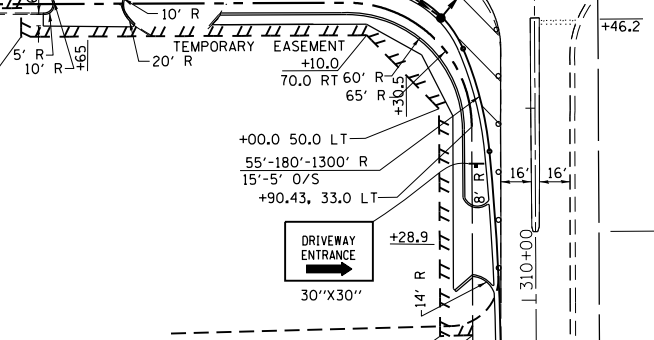
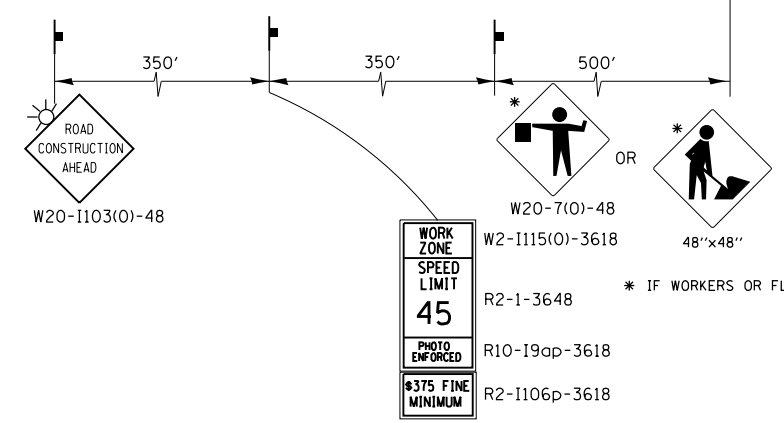
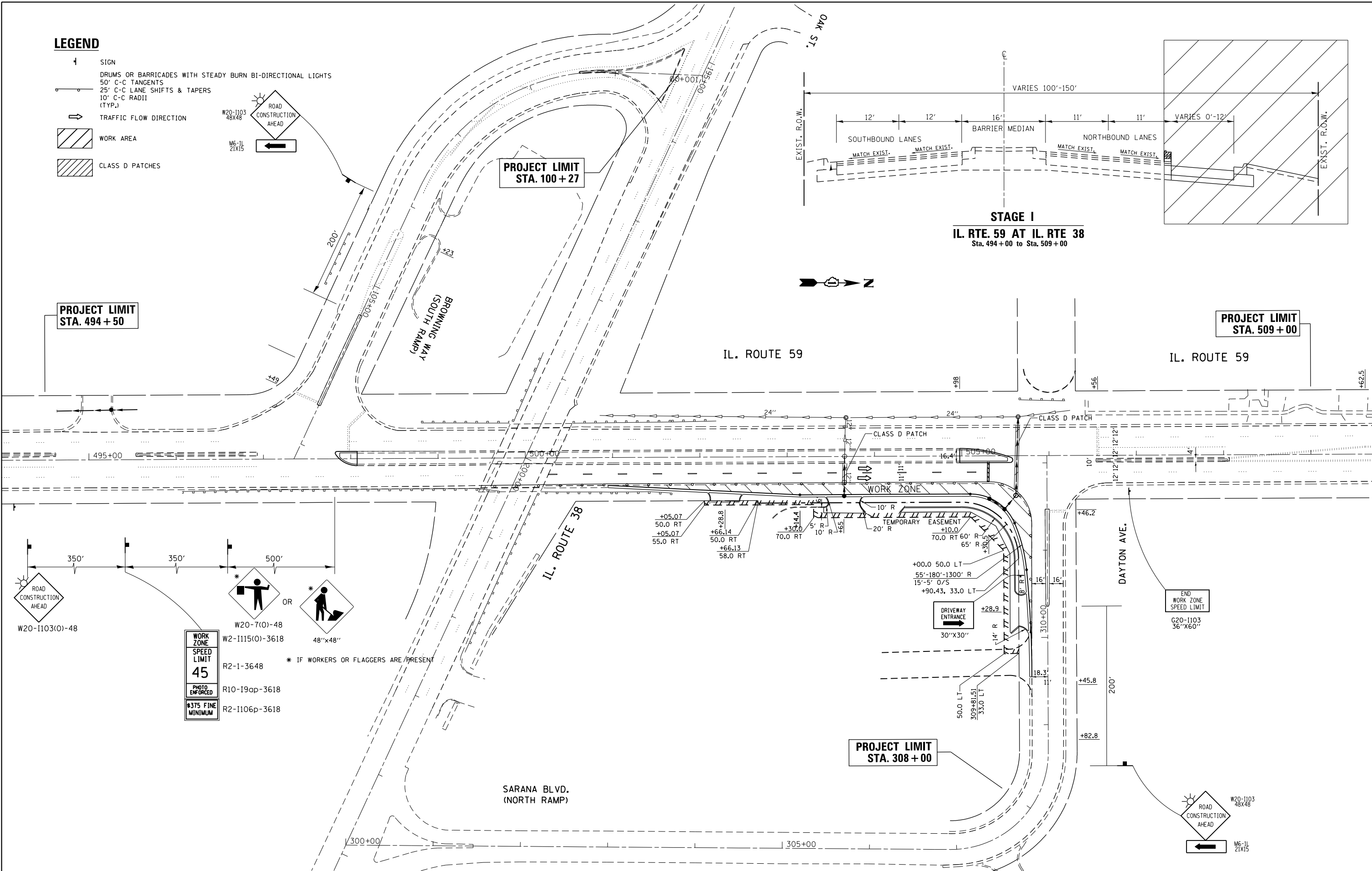
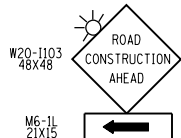
ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITION.

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 59 AT IL RTE 38 N. AND S. RAMPS SUGGESTED STAGING TYPICAL CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cz:\pw\work\pwidot\midyja\0301541\0137412-Design.dgn	DRAWN -	REVISED -	338			112N-3	DUPAGE	71	20	
Default	PLOT SCALE = 100,0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 60V32				
	PLOT DATE = 5/14/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.



**LEGEND**

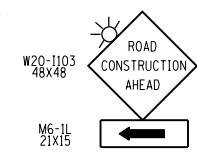
- ↑ SIGN
- DRUMS OR BARRICADES WITH STEADY BURN BI-DIRECTIONAL LIGHTS
- 50' C-C TANGENTS
- 25' C-C LANE SHIFTS & TAPERS
- 10' C-C RADII (TYP.)
- TRAFFIC FLOW DIRECTION
- WORK AREA
- CLASS D PATCHES



FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE I CONSTRUCTION &amp; MAINTENANCE OF TRAFFIC IL. RTE. 59 AT N. &amp; S. RAMPS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Design.dgn	DRAWN -	REVISED -			338	112N-3	DUPAGE	71	21	
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -			CONTRACT NO. 60V32					
	PLOT DATE = 5/12/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

**LEGEND**

- ↑ SIGN
- DRUMS OR BARRICADES WITH STEADY BURN BI-DIRECTIONAL LIGHTS
- 50' C-C TANGENTS
- 25' C-C LANE SHIFTS & TAPERS
- 10' C-C RADIUS (TYP.)
- TRAFFIC FLOW DIRECTION
- ▨ WORK AREA
- ▨ CLASS D PATCHES



PROJECT LIMIT  
STA. 494 + 50

PROJECT LIMIT  
STA. 100 + 27

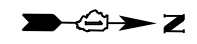
PROJECT LIMIT  
STA. 509 + 00

IL. ROUTE 59

IL. ROUTE 59

BROWNING WAY  
(SOUTH RAMP)

WORK ZONE



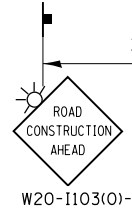
495+00

500+00

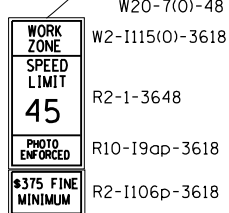
505+00

510+00

+52.5



W20-1103(0)-48



W20-7(0)-48

W2-1115(0)-3618

R2-1-3648

R10-19ap-3618

R2-1106p-3618

\$375 FINE  
MINIMUM

IL. ROUTE 38

SARANA BLVD.  
(NORTH RAMP)

300+00

+05.07  
50.0 RT

+05.07  
55.0 RT

+28.8  
50.0 RT

+66.14  
50.0 RT

+66.13  
58.0 RT

+30.0  
70.0 RT

5' R

10' R

10' R

20' R

TEMPORARY EASEMENT

70.0 RT 60' R

65' R

+30.5

+00.0 50.0 LT

55'-180'-1300' R

15'-5' O/S

+90.43, 33.0 LT

DRIVEWAY ENTRANCE

30'x30"

+28.9

14' R

50.0 LT

309+81.51

33.0 LT

18.3

PROJECT LIMIT  
STA. 308 + 00

+46.2

DAYTON AVE.

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

12' 12"

END WORK ZONE  
SPEED LIMIT

G20-1103

36"X60"



48"x48"



W20-7(0)-48



W20-1103

48X48

M6-1L

21X15

\* IF WORKERS OR FLAGGERS ARE PRESENT

FILE NAME =  
c:\pwwork\pwwork\midj\0301541\0137412-Design.dgn

USER NAME = midjja  
DESIGNED -  
DRAWN -  
PLOT SCALE = 100.0000' / 1" / 1" / 1"  
CHECKED -  
DATE -

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STAGE II CONSTRUCTION &  
MAINTENANCE OF TRAFFIC  
IL. RTE. 59 AT N. & S. RAMPS




SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

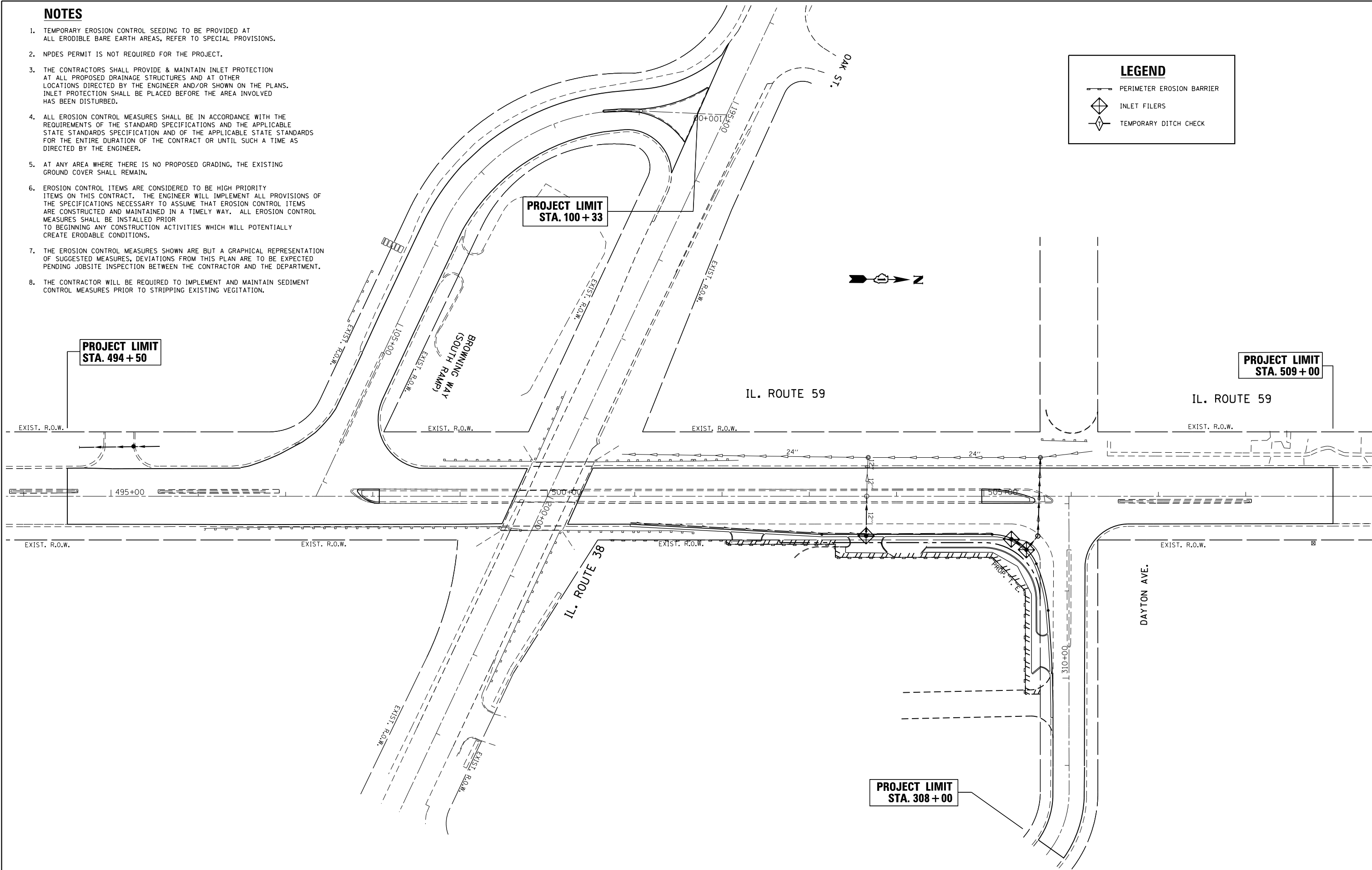
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	22
CONTRACT NO. 60V32			ILLINOIS FED. AID PROJECT	

**NOTES**

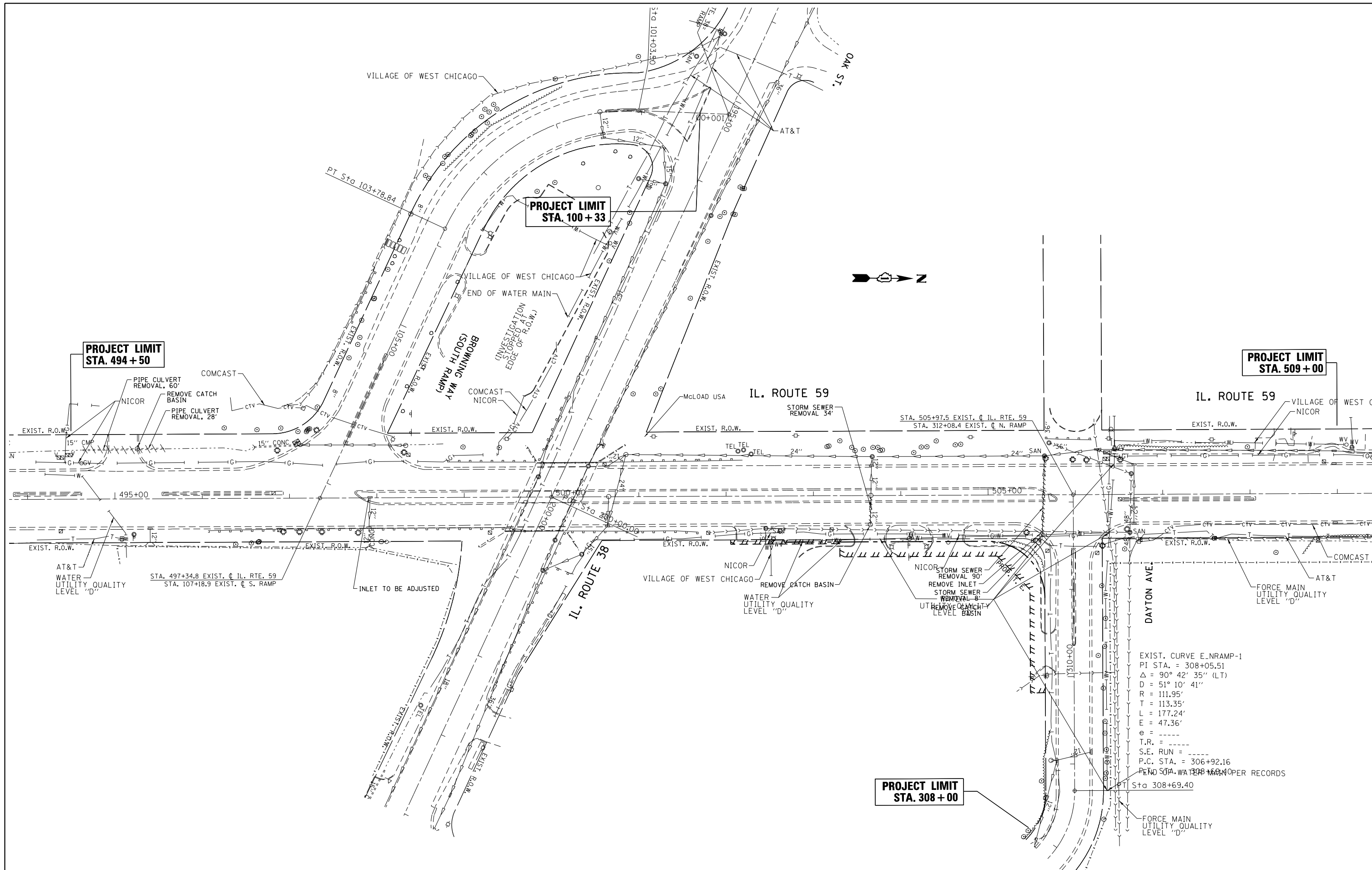
1. TEMPORARY EROSION CONTROL SEEDING TO BE PROVIDED AT ALL ERODIBLE BARE EARTH AREAS, REFER TO SPECIAL PROVISIONS.
2. NPDES PERMIT IS NOT REQUIRED FOR THE PROJECT.
3. THE CONTRACTORS SHALL PROVIDE & MAINTAIN INLET PROTECTION AT ALL PROPOSED DRAINAGE STRUCTURES AND AT OTHER LOCATIONS DIRECTED BY THE ENGINEER AND/OR SHOWN ON THE PLANS. INLET PROTECTION SHALL BE PLACED BEFORE THE AREA INVOLVED HAS BEEN DISTURBED.
4. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE STATE STANDARDS SPECIFICATION AND OF THE APPLICABLE STATE STANDARDS FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH A TIME AS DIRECTED BY THE ENGINEER.
5. AT ANY AREA WHERE THERE IS NO PROPOSED GRADING, THE EXISTING GROUND COVER SHALL REMAIN.
6. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATIONS NECESSARY TO ASSUME THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.
7. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES, DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
8. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.

**LEGEND**

-  PERIMETER EROSION BARRIER
-  INLET FILERS
-  TEMPORARY DITCH CHECK



FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION AND SEDIMENT CONTROL PLAN SHEET IL. ROUTE 59 AT IL. ROUTE 38 NORTH &amp; SOUTH RAMPS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\midot\midyja\0301540\PI37412.sht-eros.dgn	DRAWN -	REVISED -	338			112N-3	DUPAGE	71	23	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 60V32			ILLINOIS FED. AID PROJECT	
	PLOT DATE = 5/12/2015	DATE -	REVISED -			SCALE: 1"=50'	SHEET	OF	SHEETS	STA.



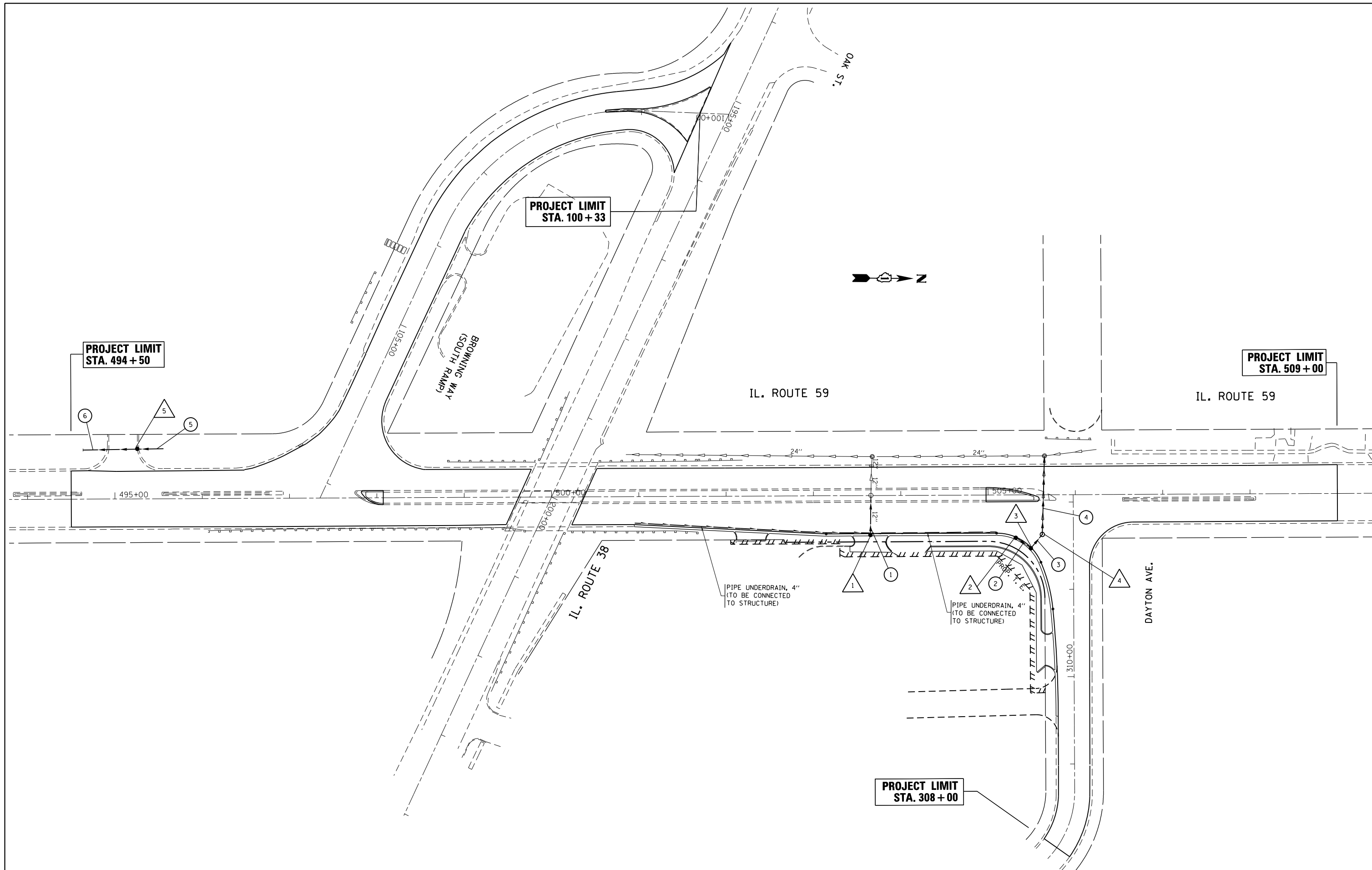
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/12/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING DRAINAGE PLAN IL ROUTE 59 AT RAMPS</b>	
SCALE: 1" = 50'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	24
CONTRACT NO. 60V32				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE E\_NRAMP-1  
 PI STA. = 308+05.51  
 $\Delta = 90^\circ 42' 35''$  (LT)  
 $D = 51' 10' 41''$   
 $R = 111.95'$   
 $T = 113.35'$   
 $L = 177.24'$   
 $E = 47.36'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 306+92.16$   
 PER RECORDS  
 Sta 308+69.40



FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -
et:\pw\work\p\midot\midyja\0301540\PI37412\shd-dr-ain.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/12/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

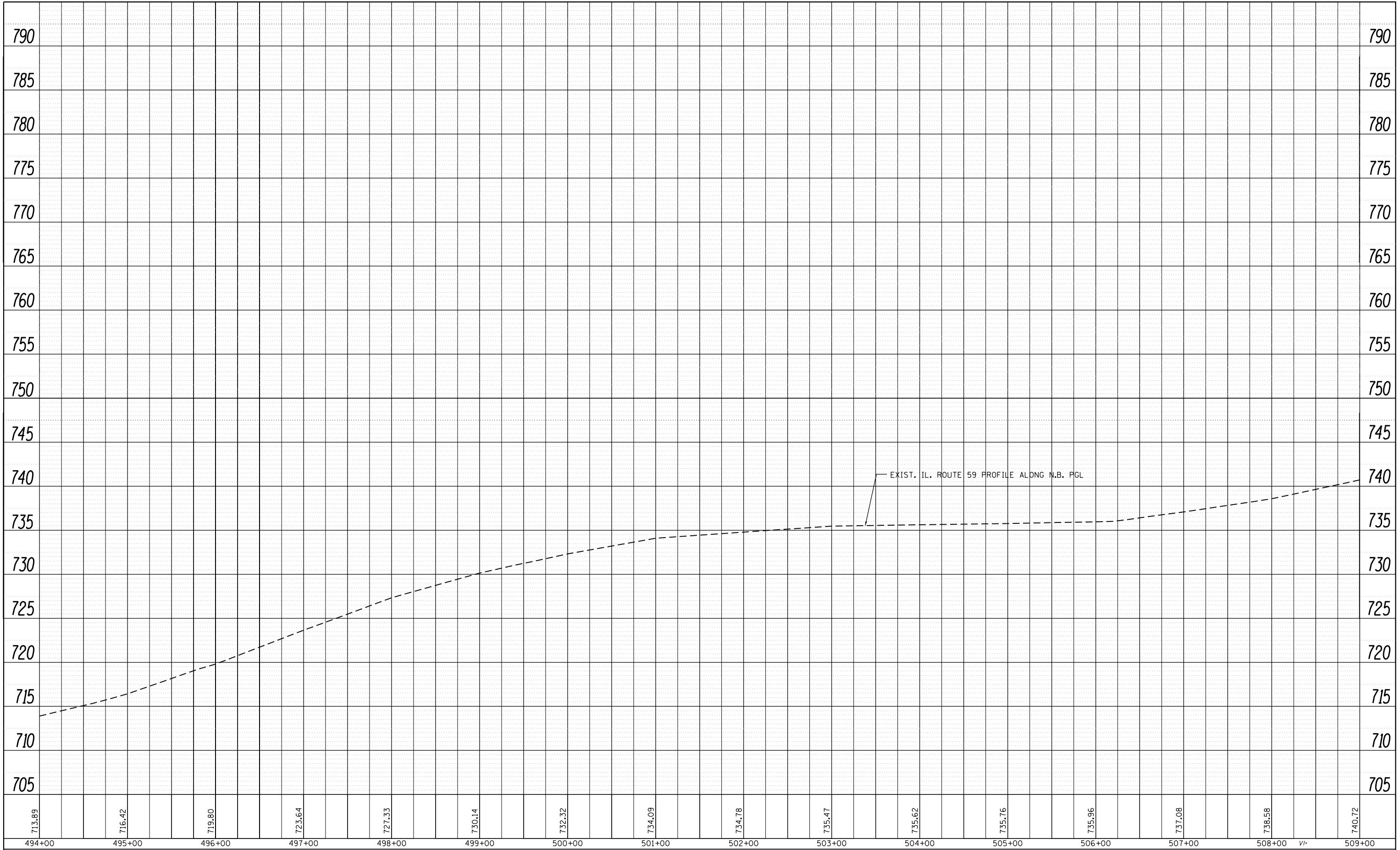
**PROPOSED DRAINAGE PLAN  
IL ROUTE 59 AT RAMPS**

SCALE: 1" = 50'      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	25
CONTRACT NO. 60V32				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT CHECKED		
	FIELD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOT AT THIS OFFICE		



FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -
c:\pwork\pwork\midyja\d0301540\p137412-ht-drain.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/12/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

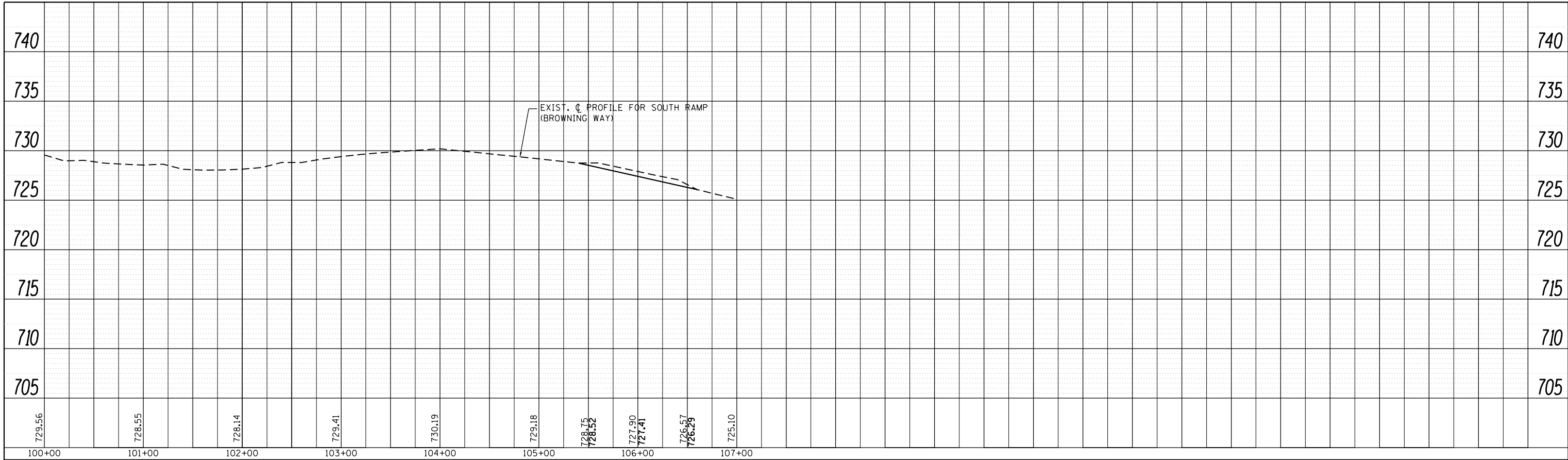
**DRAINAGE PROFILE  
IL ROUTE 59 AT RAMPS**

SCALE: 1"=50'      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	26
CONTRACT NO. 60V32			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	CARD FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.		



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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=50'		SHEET OF SHEETS		STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
388	112N-3	DUPAGE	71	27
CONTRACT NO. 60V32				
ILLINOIS FED. AID PROJECT				

## STRUCTURES

△<sub>1</sub> STA. 503+65.8, RT. EOP  
CATCH BASIN, TYPE C  
W/ TYPE 24 FRAME & GRATE  
T.O.G: 734.70  
INV: 731.66 (W)

△<sub>2</sub> STA. 505+31.4, RT., EOP  
CATCH BASIN, TYPE C  
W/ TYPE 24 FRAME & GRATE  
T.O.G: ± 734.25  
INV: 730.44 (NE)

△<sub>3</sub> STA. 505+48.7, RT., EOP  
CATCH BASIN, TYPE A, 4' DIA. [FLAT SLAB TOP]  
W/ TYPE 24 FRAME & GRATE  
T.O.G: ± 734.80  
INV: 730.23 (NE)  
INV: 730.23 (NE)

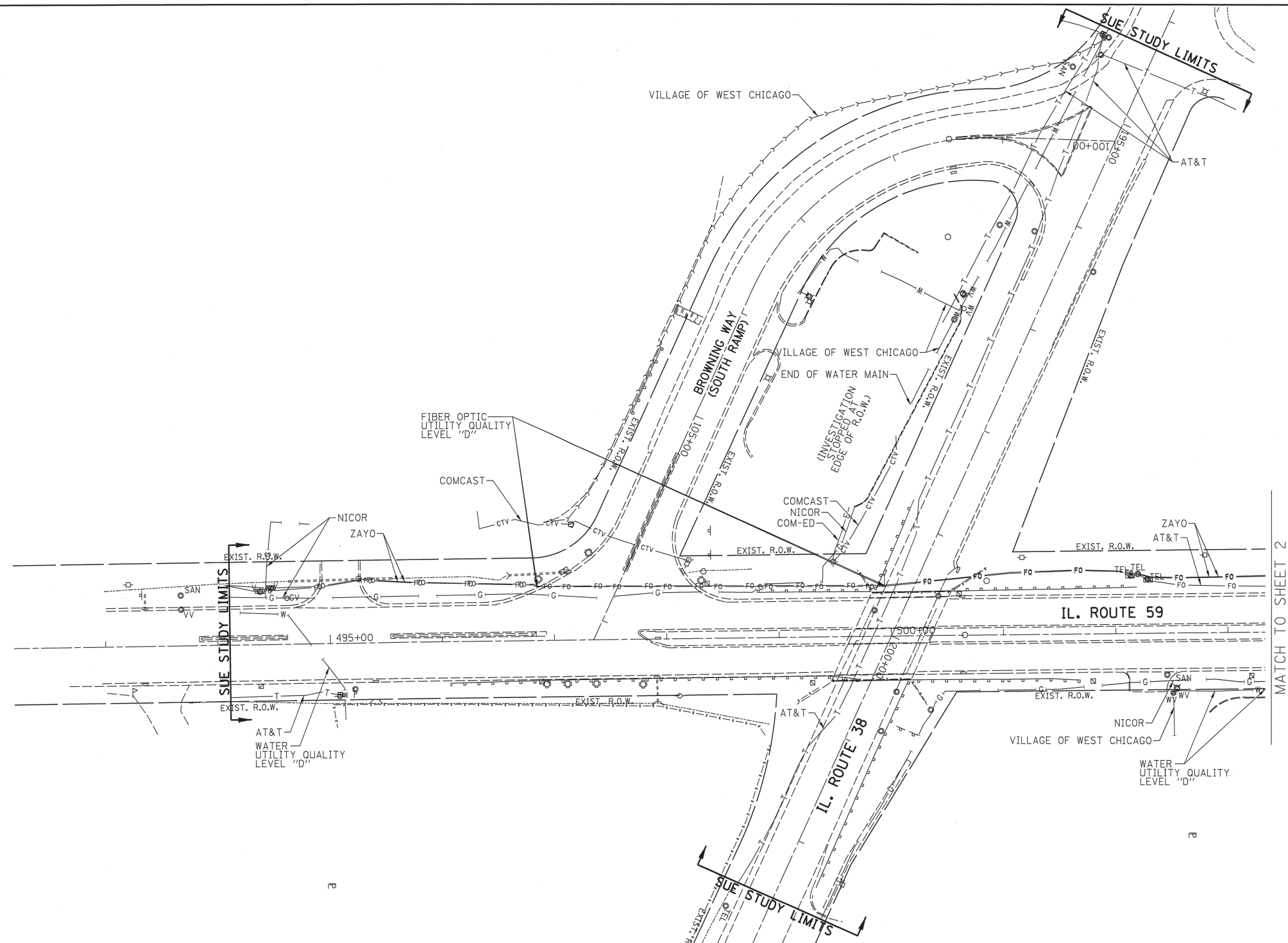
△<sub>4</sub> STA. 505+61.8, 45 FT LT.  
MANHOLE, TYPE A, 4 FT DIA.  
W/ TYPE 1 FRAME, CL  
T.O.G: 735.20  
INV: 730.03 (W)  
INV: 730.03 (SE)

△<sub>5</sub> STA. 495+26, 57 FT LT, EOP  
CATCH BASIN, TYPE A, 4' DIA. [FLAT SLAB TOP]  
W/ TYPE 24 FRAME & GRATE  
T.O.G: ± 714.95  
INV: 711.0 (N)  
INV: 711.0 (S)

## PIPE TABLE

No.	PIPE TYPE	Dia. (inch)	TBF (cu yds)	Length (ft)
1	PROPOSED STORM SEWER, CLASS A, TYPE I	12	6	45
2	PROPOSED STORM SEWER, CLASS A, TYPE I	12	6.3	21
3	PROPOSED STORM SEWER, CLASS A, TYPE II	12	7	20
4	PROPOSED STORM SEWER, CLASS A, TYPE II	12	30	90
5	PROPOSED STORM SEWER, CLASS A, TYPE I, W/PRECAST REINF. CONC. FLARED END SECTION, INV: 713.09	18	0	30
6	PROPOSED STORM SEWER, CLASS A, TYPE I, W/PRECAST REINF. CONC. FLARED END SECTION, INV: 710.69	18	8	62

FILE NAME = D137412-Design.dgn	USER NAME = midyo	DESIGNED	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PIPE AND STRUCTURE TABLES IL. ROUTE 59 AT RAMPS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN	REVISED -			338	112N-3		71	28	
		CHECKED	REVISED -			CONTRACT NO. 60V32					
		DATE	-			SCALE: NONE		SHEET NO. OF SHEETS		STA. TO STA.	



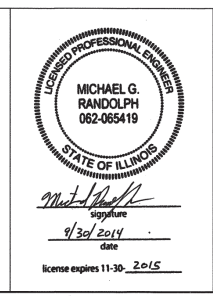
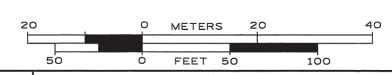
MATCH TO SHEET 2

— A — A	AERIAL
- - - - -	UNKNOWN
— O — O	OIL
— CTV — CTV	CABLE TV
— T — T	TELEPHONE
— G — G	GAS
— E — E	ELECTRIC
— (W) — (W)	WATER
—>>>>>	FORCE MAIN
— FO — FO	FIBER OPTIC
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T - FIBER OPTIC	
AT&T - TELEPHONE	
COM-ED - ELECTRIC	
COMCAST - CABLE TV	
COMCAST - FIBER OPTIC	
NICOR - GAS	
VILLAGE OF WEST CHICAGO - FORCE MAIN	
VILLAGE OF WEST CHICAGO - WATER	
ZAYO - FIBER OPTIC	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 8/06/14 through 9/12/14. Changes to utilities after 9/12/14 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



**CWA** SURVEY  
**CLAASSEN, WHITE & ASSOCIATES, P.C. LAND SURVEYORS**  
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
 (815) 744-3720 claassenwhite@cwasurevey.com  
 TBE Job No. IL09510613  
 SUE Plan Page: 1 of 2

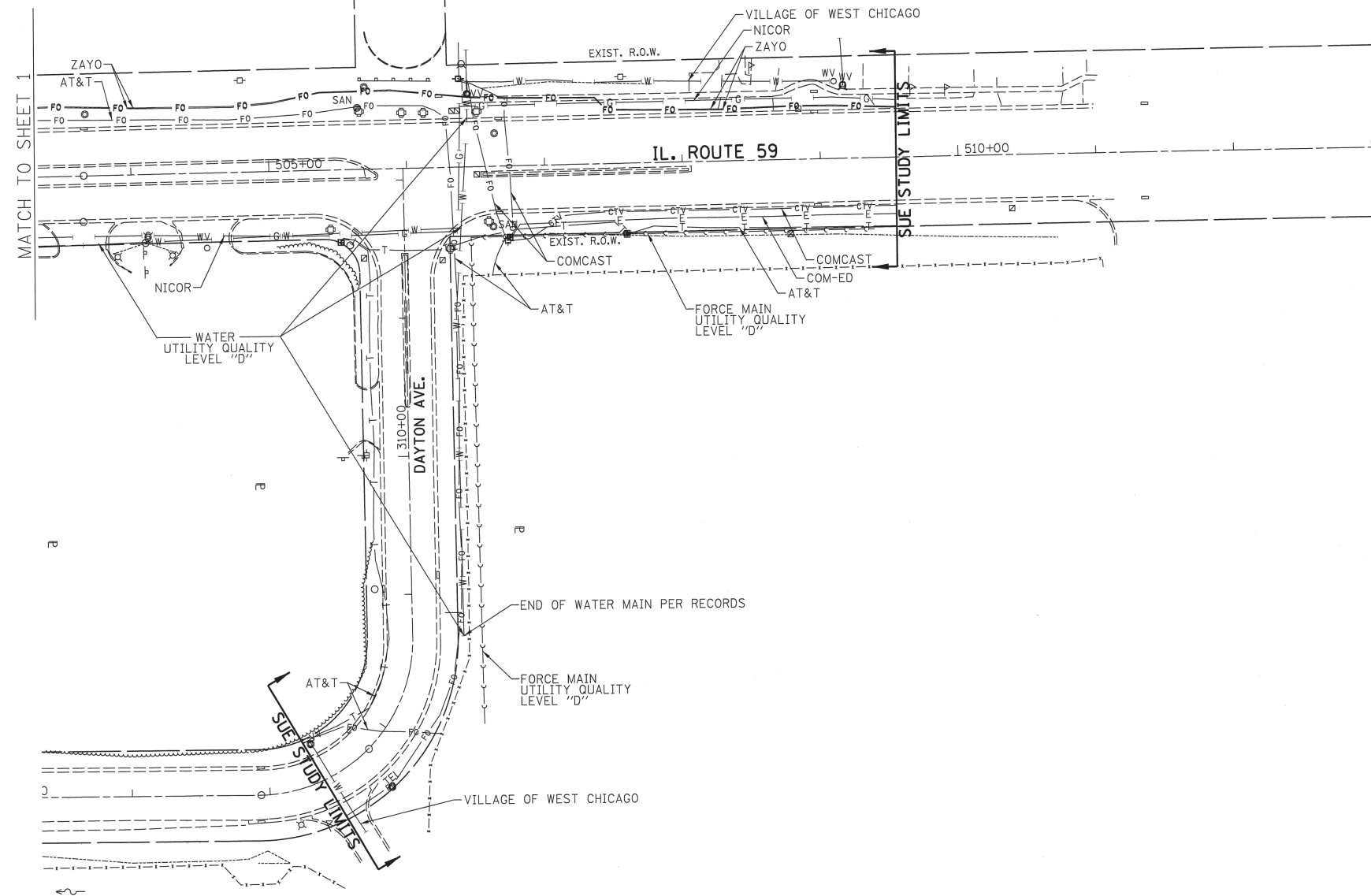
Utility Quality Level "A" : Visually Verified Test Hole  
 Utility Quality Level "B" : Designating/non Visually Verified Test Hole  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

DESIGNED	MS	REVISED	
DRAWN	SRK	REVISED	
CHECKED	MGR	REVISED	
DATE	9/29/14	REVISED	

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

**IL 59 at IL 38 (N&S Ramps)**  
**West Chicago, Illinois**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	112-N-3	DuPage	71	29
Contract No. 60V32				
FED. ROAD DIST. NO. [ILLINOIS] 1007		Project No.		

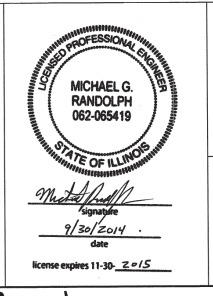


— A —	A	AERIAL
- - - - -		UNKNOWN
— O —	O	OIL
— CTV —	CTV	CABLE TV
— T —	T	TELEPHONE
— G —	G	GAS
— E —	E	ELECTRIC
— W —	W	WATER
— FM —	FM	FORCE MAIN
— FO —	FO	FIBER OPTIC
— TBE —	TBE	TBE TEST HOLE

UTILITY OWNERS	
AT&T	- FIBER OPTIC
AT&T	- TELEPHONE
COM-ED	- ELECTRIC
COMCAST	- CABLE TV
COMCAST	- FIBER OPTIC
NICOR	- GAS
VILLAGE OF WEST CHICAGO	- FORCE MAIN
VILLAGE OF WEST CHICAGO	- WATER
ZAYO	- FIBER OPTIC

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 8/06/14 through 9/12/14. Changes to utilities after 9/12/14 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

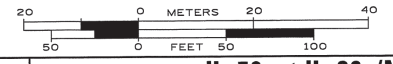
ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



**Cardno TBE**

**CWA SURVEY**  
**CLAASSEN, WHITE & ASSOCIATES, P.C.**  
 LAND SURVEYORS  
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
 (815) 744-3720 claassenwhite@cwasurevey.com

TBE Job No. IL09510613  
 SUE Plan Page: 2 of 2



Utility Quality Level "A" : Visually Verified Test Hole  
 Utility Quality Level "B" : Designating/non Visually Verified Test Hole  
 Utility Quality Level "C" : Research with Survey  
 Utility Quality Level "D" : Records Research

DESIGNED	MS	REVISED
DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	9/29/14	REVISED

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

**IL 59 at IL 38 (N&S Ramps)**  
**West Chicago, Illinois**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	112-N-3	DuPage	71	30
Contract No. 60V32				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				



PART OF THE SE 1/4 OF SECTION 15, TWP. 39 N., R. 9 E. OF THE 3RD. P.M., IN DuPAGE COUNTY, ILLINOIS.

LEGEND



- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC - EXISTING ACCESS CONTROL LINE
- AC - PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

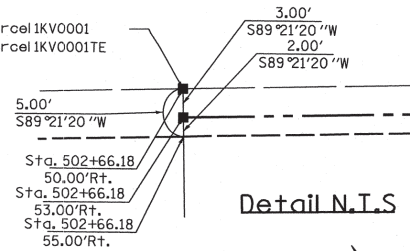


GRAPHIC SCALE  
FEET  
0 40  
SCALE: 1" = 40'

PROJECT COORDINATES  
Illinois State Plane, East Zone, NAD83 (2011)

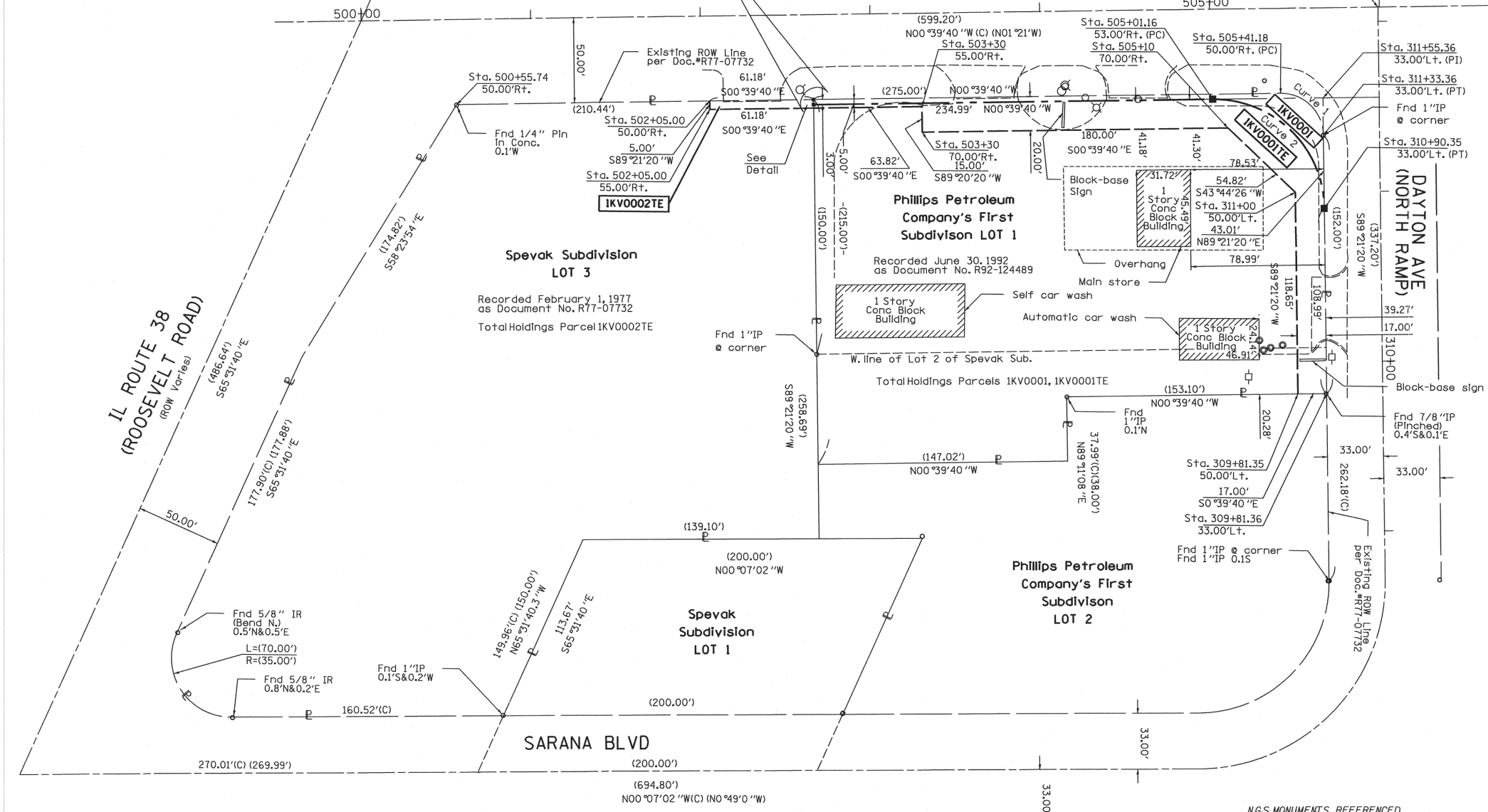
STATION	OFFSET	NORTH	EAST
500+55.74	50.00'Rt.	1892423.44	1022049.91
502+05.00	50.00'Rt.	1892572.69	1022048.18
502+05.00	55.00'Rt.	1892572.75	1022053.18
502+66.18	50.00'Rt.	1892633.87	1022041.48
502+66.18	53.00'Rt.	1892633.90	1022050.48
502+66.18	55.00'Rt.	1892633.92	1022052.48
503+30.00	55.00'Rt.	1892697.74	1022051.74
503+30.00	70.00'Rt.	1892697.91	1022066.74
505+01.16	53.00'Rt.	1892868.87	1022047.77
505+10.00	70.00'Rt.	1892877.90	1022064.66
505+41.18	50.00'Rt.	1892908.85	1022044.30
311+55.36	33.00'Lt.	1892933.89	1022041.02
311+33.36	33.00'Lt.	1892934.13	1022069.02
311+00.00	50.00'Lt.	1892917.51	1022102.57
310+90.35	33.00'Lt.	1892934.62	1022112.03
309+81.55	50.00'Lt.	1892918.21	1022221.21
309+81.36	33.00'Lt.	1892935.84	1022221.01

P.O.B. Parcel 1KV0001  
P.O.C. Parcel 1KV0001TE



IL ROUTE 59 (SUTTON ROAD)  
(ROW Varies)

Ex. Sta. 505+99.20 IL 59  
Ex. Sta. 312+08.37 Dayton Ave (N. Ramp)



- BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.
- IRON PIPE OR ROD FOUND
  - ⊕ "MAG" NAIL SET
  - + CUT CROSS FOUND OR SET
  - 5/8" REBAR SET
  - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
  - RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS )  
COUNTY OF COOK )

THIS IS TO CERTIFY THAT I, ROARK ROGERS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15, TOWNSHIP 39 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 23RD DAY OF OCTOBER 2014 A.D.

*Roark Rogers*  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3765  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2014



THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**APEX Consulting Engineers, LLC**  
111 E. Wacker Drive, Suite 520  
Chicago, Illinois 60601  
(312) 977-0660

Curve Data

Curve	Radius	Length	Chord Length	Chord Bearing
Curve 1	25.00	39.28	35.36	N44-20-50E
Curve 2	65.00	102.12	91.94	S44-20-50W

N.G.S. MONUMENTS REFERENCED  
DPIA Wheaton  
DP2A Villa Park  
VODG Downers Grove

All dimensions are measured unless otherwise specified.

Bearings and distances shown hereon reference the Illinois State Plane Coordinate System, East Zone, NAD83 (2011 Adjustment) "grid"

All measured and calculated distances are "grid" not "ground". To obtain ground distances divide grid distances shown by the combination factor of 0.999975.

Areas shown on this plat are ground.

Fuel pump Islands within overhang.

No parking strips on property.

P.D.B. - Point of Beginning

P.D.C. - Point of Commencement

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1KV0001	1.345	0.038	-	1.307	0.153	6665	04-15-400-007
1KV0001TE	-	-	-	-	-	-	-
1KV0002TE	2.193	-	-	2.193	0.007	306	04-15-400-005

RECEIVED  
OCT 28 2014  
PLATS & LEGALS

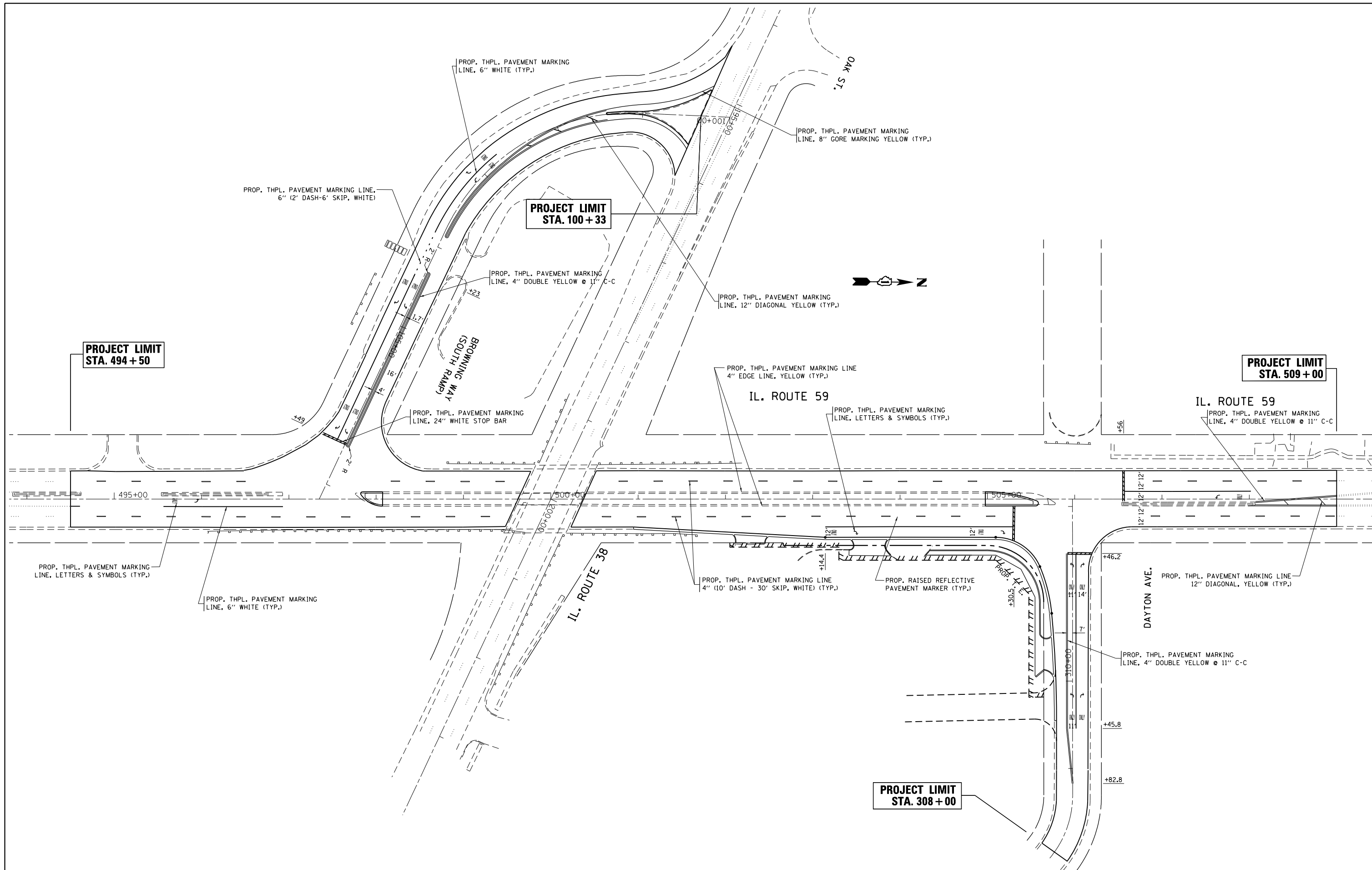
**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 59

LIMITS: @ ILLINOIS ROUTE 38 COUNTY: DuPAGE  
JOB NO.: R-91-031-13

SECTION: STA. 502+05 TO STA. 505+65  
STA. 309+81 TO STA. 311+58  
SCALE: 1" = 40' SHEET 2 OF 2 SHEETS

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: / / REVISION MADE BY: \_\_\_\_\_



FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
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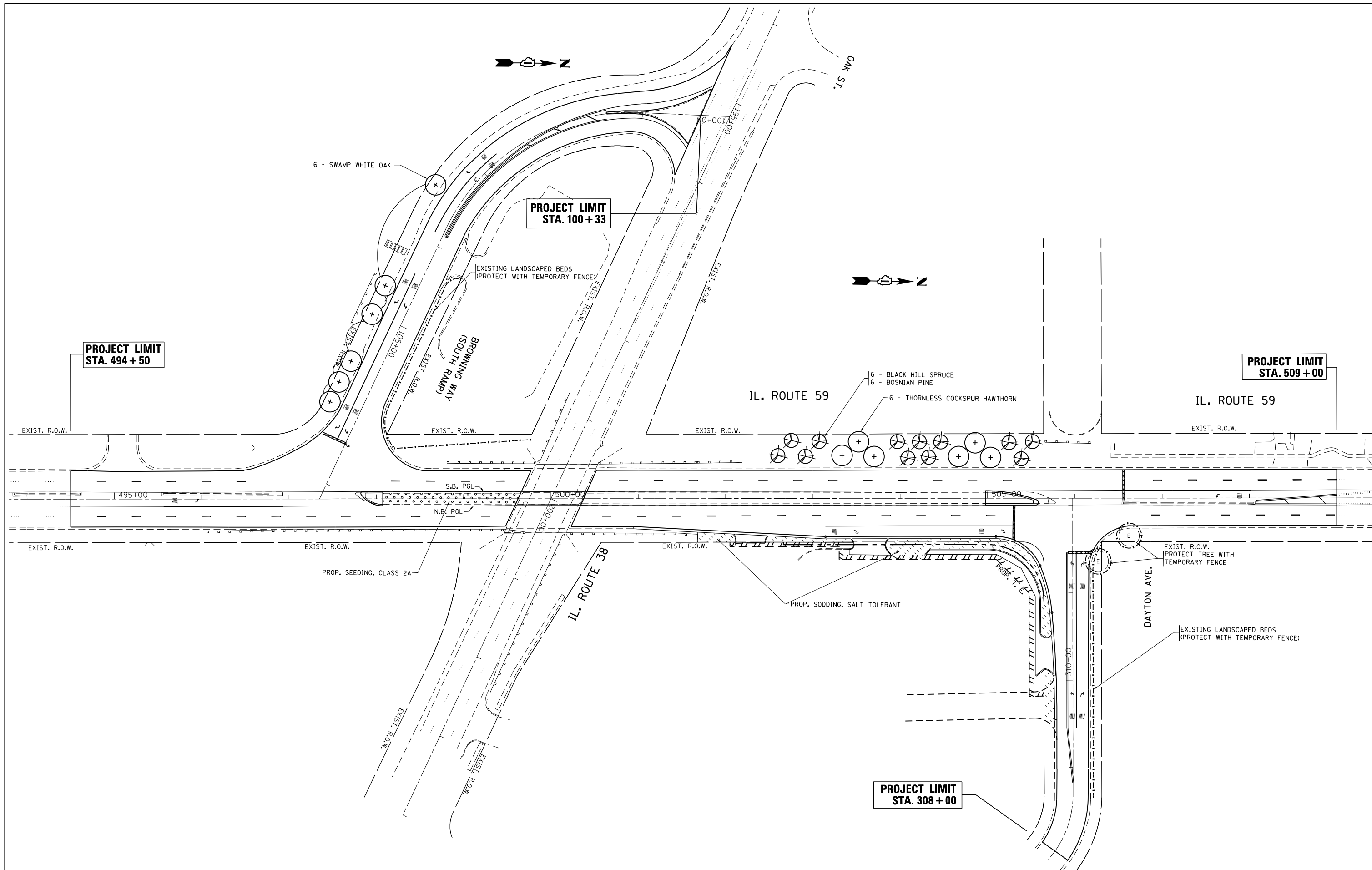
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING PLAN  
IL. ROUTE 59 AT IL. ROUTE 38 N. & S. RAMPS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	32
CONTRACT NO. 60V32				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=50'      SHEET      OF      SHEETS      STA.      TO      STA.





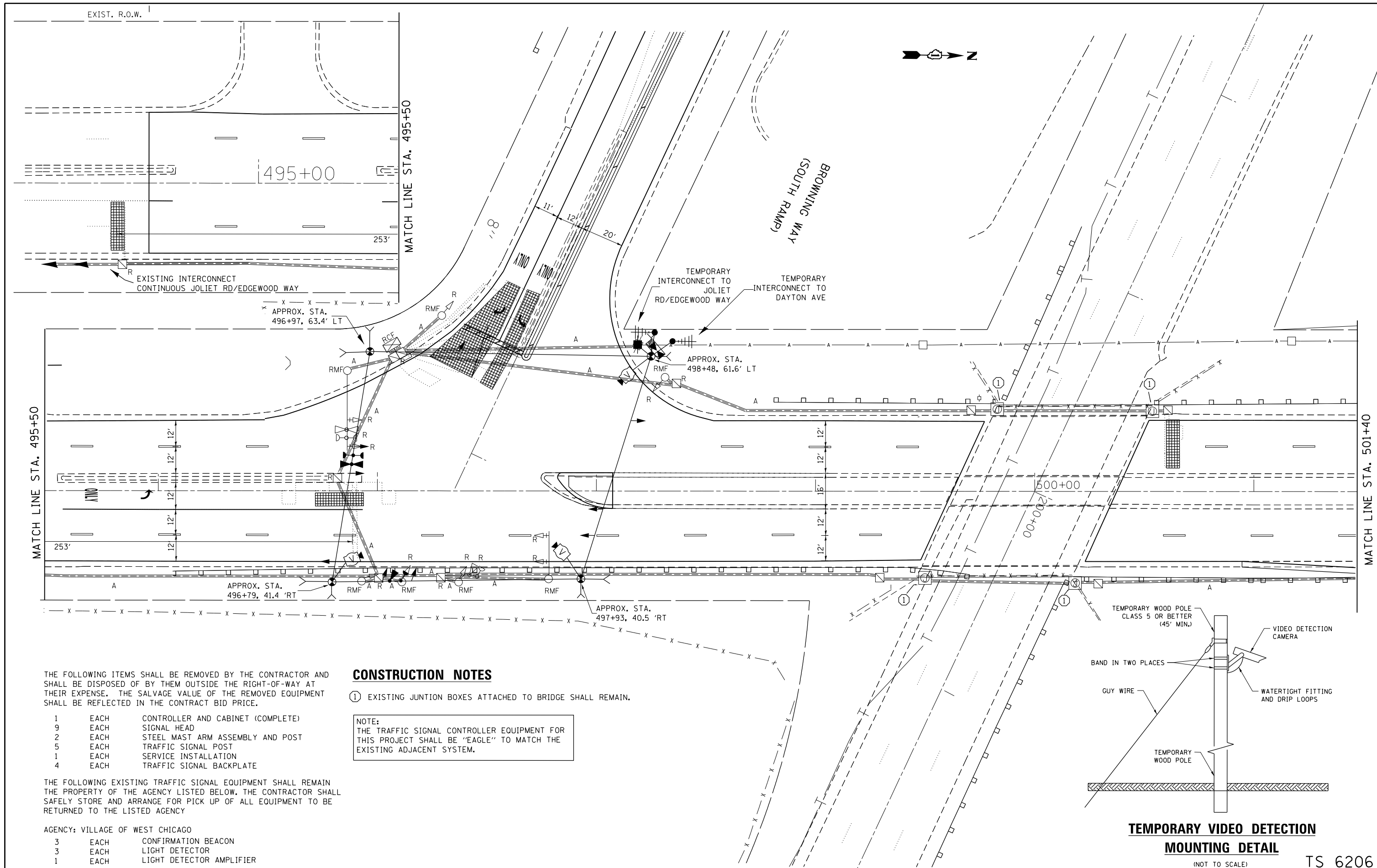
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	PLOT DATE = 5/12/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN  
IL. ROUTE 59 AT IL. ROUTE 138 (NORTH AND SOUTH RAMPS)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	33
CONTRACT NO. 60V32				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 50'    SHEET    OF    SHEETS    STA.    TO    STA.



THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 9 EACH SIGNAL HEAD
- 2 EACH STEEL MAST ARM ASSEMBLY AND POST
- 5 EACH TRAFFIC SIGNAL POST
- 1 EACH SERVICE INSTALLATION
- 4 EACH TRAFFIC SIGNAL BACKPLATE

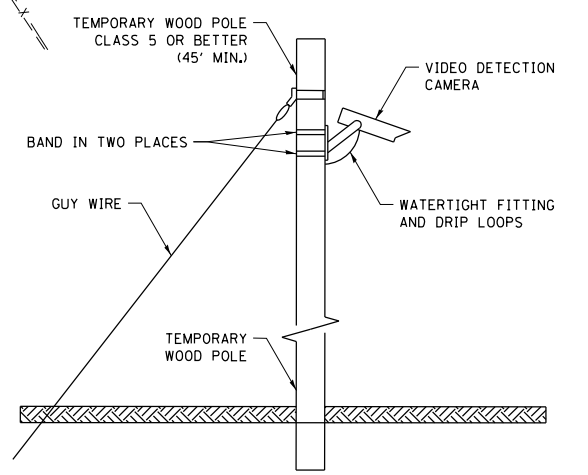
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY

- AGENCY: VILLAGE OF WEST CHICAGO
- 3 EACH CONFIRMATION BEACON
  - 3 EACH LIGHT DETECTOR
  - 1 EACH LIGHT DETECTOR AMPLIFIER

**CONSTRUCTION NOTES**

- ① EXISTING JUNCTION BOXES ATTACHED TO BRIDGE SHALL REMAIN.

NOTE:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

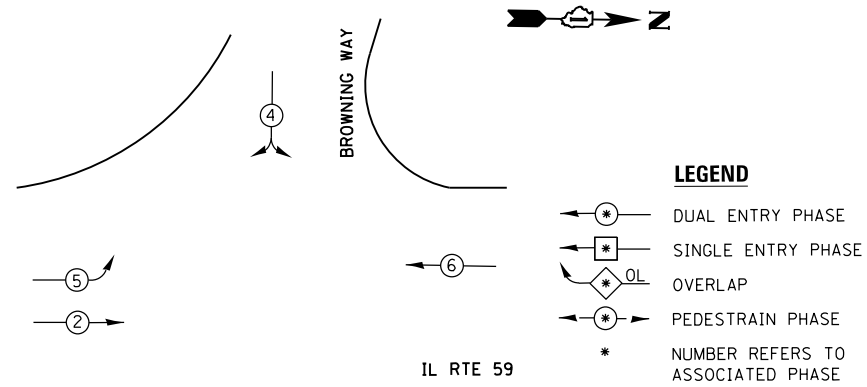


**TEMPORARY VIDEO DETECTION MOUNTING DETAIL**  
(NOT TO SCALE)

TS 6206

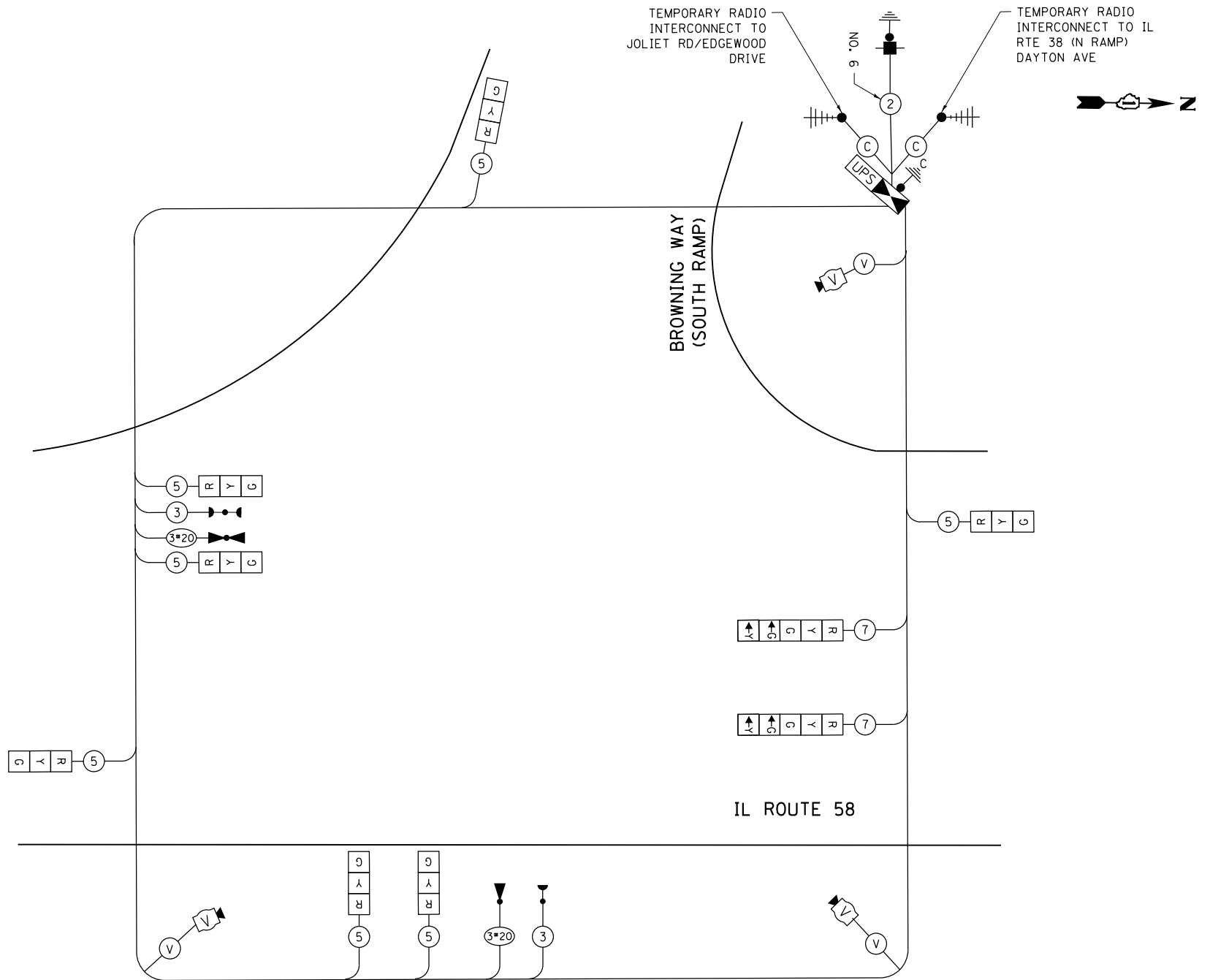
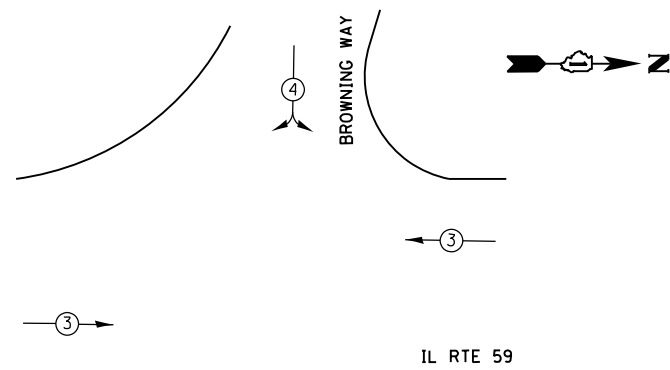
FILE NAME =	USER NAME = smthsv	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY TRAFFIC SIGNAL PLAN IL RTE 59 (SUTTON ROAD) AT IL 38 (S RAMP) BROWNING WAY</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\smthsv\d0395664\PI3702-sh-t-TS.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			338	112N-3	DUPAGE	71	34	
Default	PLOT DATE = 4/20/2015	CHECKED -	REVISED -			CONTRACT NO. 60V52					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

**TEMPORARY CONTROLLER SEQUENCE**



**TEMPORARY PHASE DESIGNATION DIAGRAM**

**TEMPORARY EMERGENCY VEHICLE**



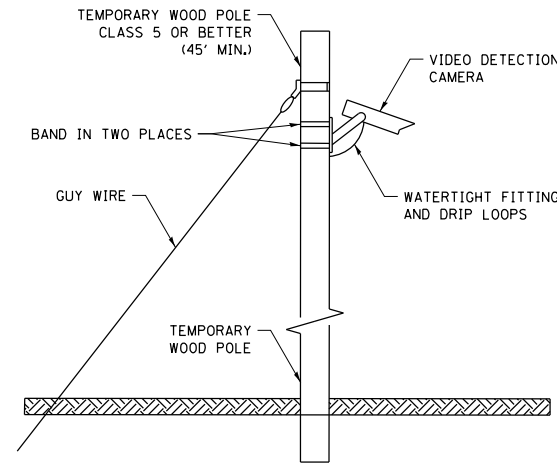
TEMPORARY CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	9		17	0.50	76.50
(YELLOW)	9		25	0.25	56.25
(GREEN)	9		15	0.25	33.75
ARROW	4		12	0.10	4.80
PED. SIGNAL					
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN					-
VIDEO SYSTEM	1		150	1.00	150.00
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 421.30

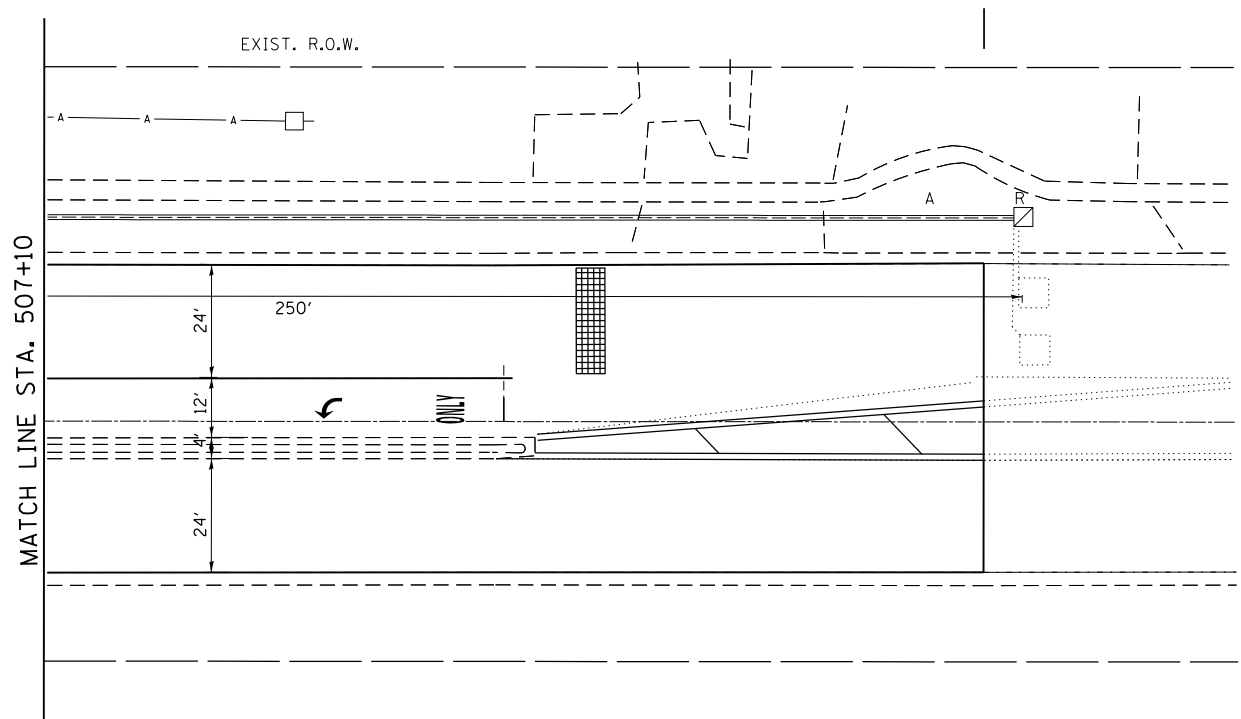
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAY/DISTRICT 1  
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096  
 ENERGY SUPPLY: CONTACT: JOE STACHO  
 PHONE: (630) 424-5704  
 COMPANY: COMED

NOTE:  
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

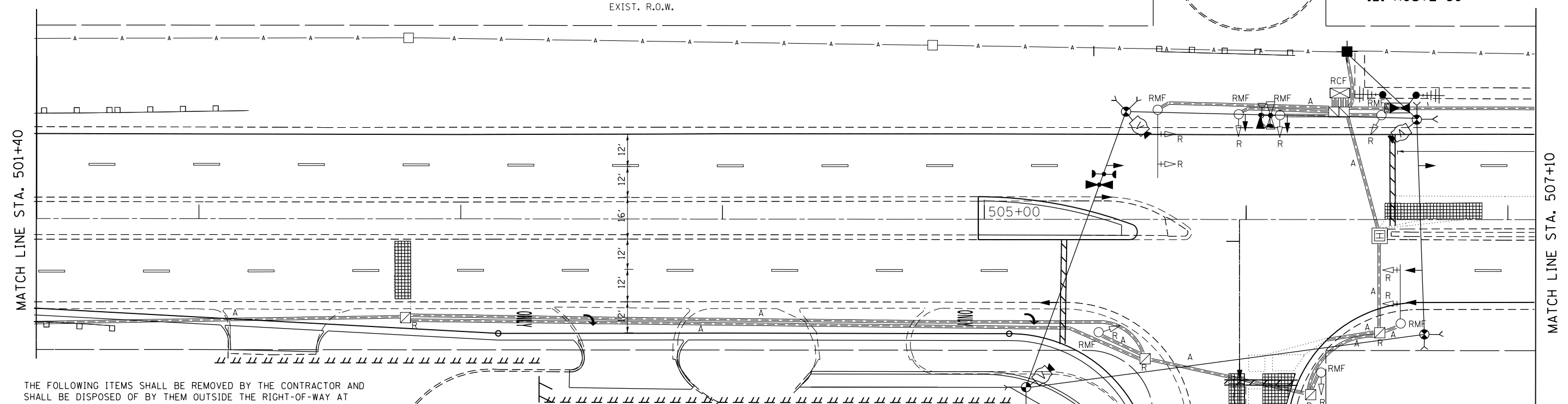
TS 6206



**TEMPORARY VIDEO DETECTION MOUNTING DETAIL**  
(NOT TO SCALE)



IL. ROUTE 59



THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 9 EACH SIGNAL HEAD
- 2 EACH STEEL MAST ARM ASSEMBLY AND POST
- 5 EACH TRAFFIC SIGNAL POST
- 1 EACH SERVICE INSTALLATION
- 4 EACH TRAFFIC SIGNAL BACKPLATE

NOTE:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY

AGENCY: VILLAGE OF WEST CHICAGO

- 3 EACH CONFIRMATION BEACON
- 3 EACH LIGHT DETECTOR
- 1 EACH LIGHT DETECTOR AMPLIFIER

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

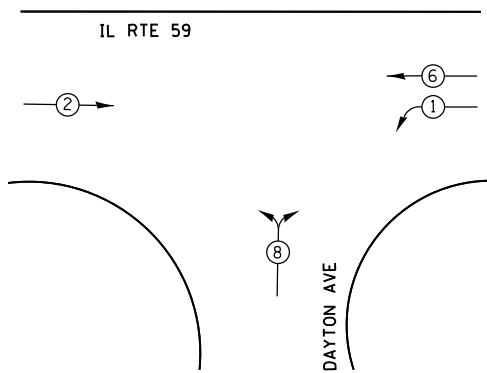
**TEMPORARY TRAFFIC SIGNAL PLAN  
IL RTE 59 (SUTTON ROAD) AT IL 38 (N RAMP) DAYTON AVE**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	36
CONTRACT NO. 60V32				
ILLINOIS FED. AID PROJECT				

TS 6205

SCALE: SHEET OF SHEETS STA. TO STA.

**TEMPORARY CONTROLLER SEQUENCE**

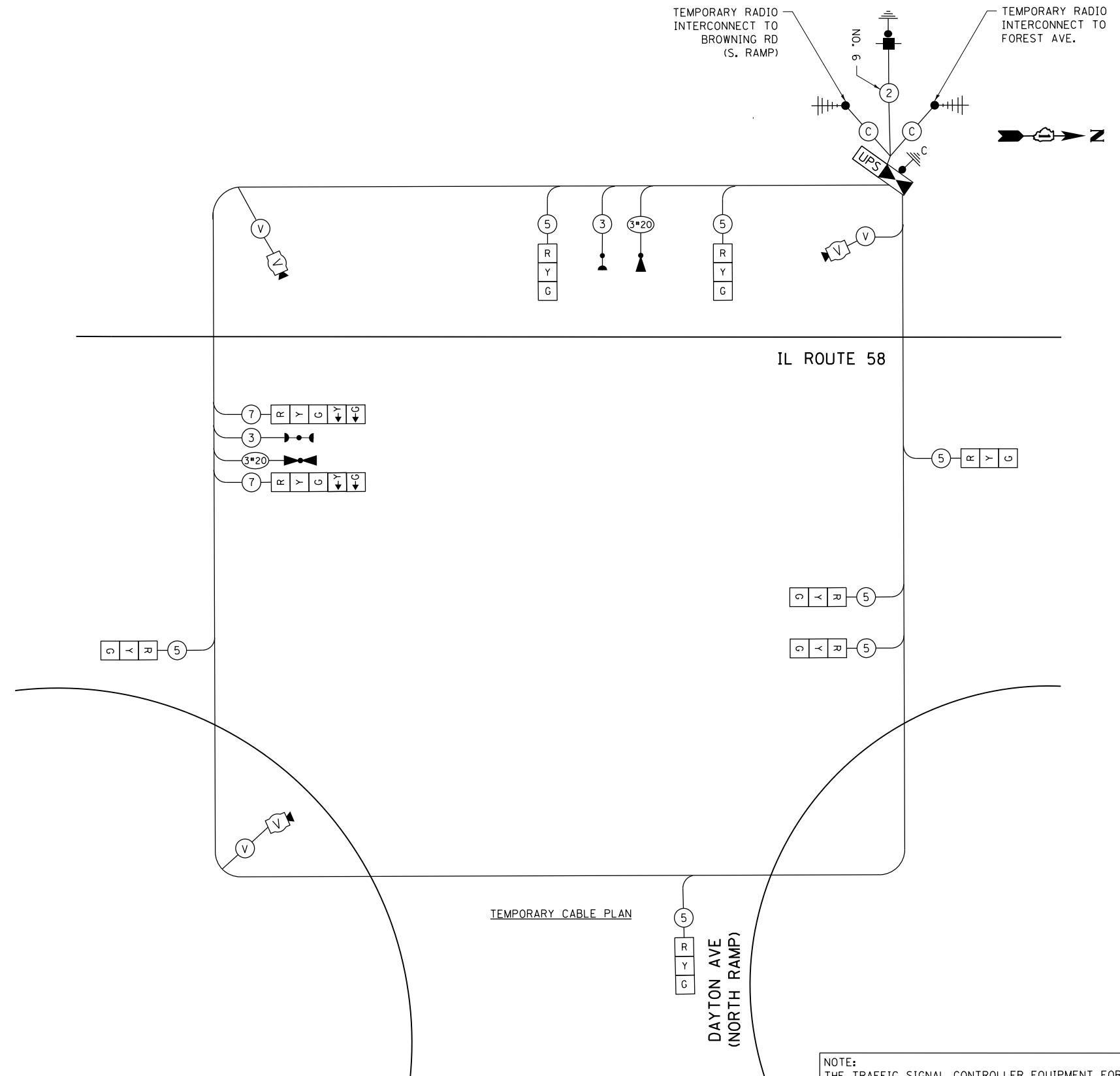
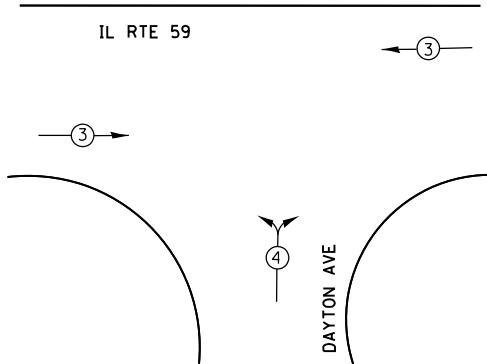


**LEGEND**

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OVERLAP
- PEDESTRIAN PHASE
- \* NUMBER REFERS TO ASSOCIATED PHASE

**TEMPORARY PHASE DESIGNATION DIAGRAM**

**TEMPORARY EMERGENCY VEHICLE**



NOTE:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	9		17	0.50	76,50
(YELLOW)	9		25	0.25	56,25
(GREEN)	9		15	0.25	33,75
ARROW	4		12	0.10	4,80
PED. SIGNAL					
CONTROLLER	1		100	1.00	100,00
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	1		150	1.00	150,00
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 421,30

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAY/DISTRICT 1  
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096  
ENERGY SUPPLY: CONTACT: JOE STACHO  
PHONE: (630) 424-5704  
COMPANY: COMED

FILE NAME =	USER NAME = smthsv	DESIGNED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

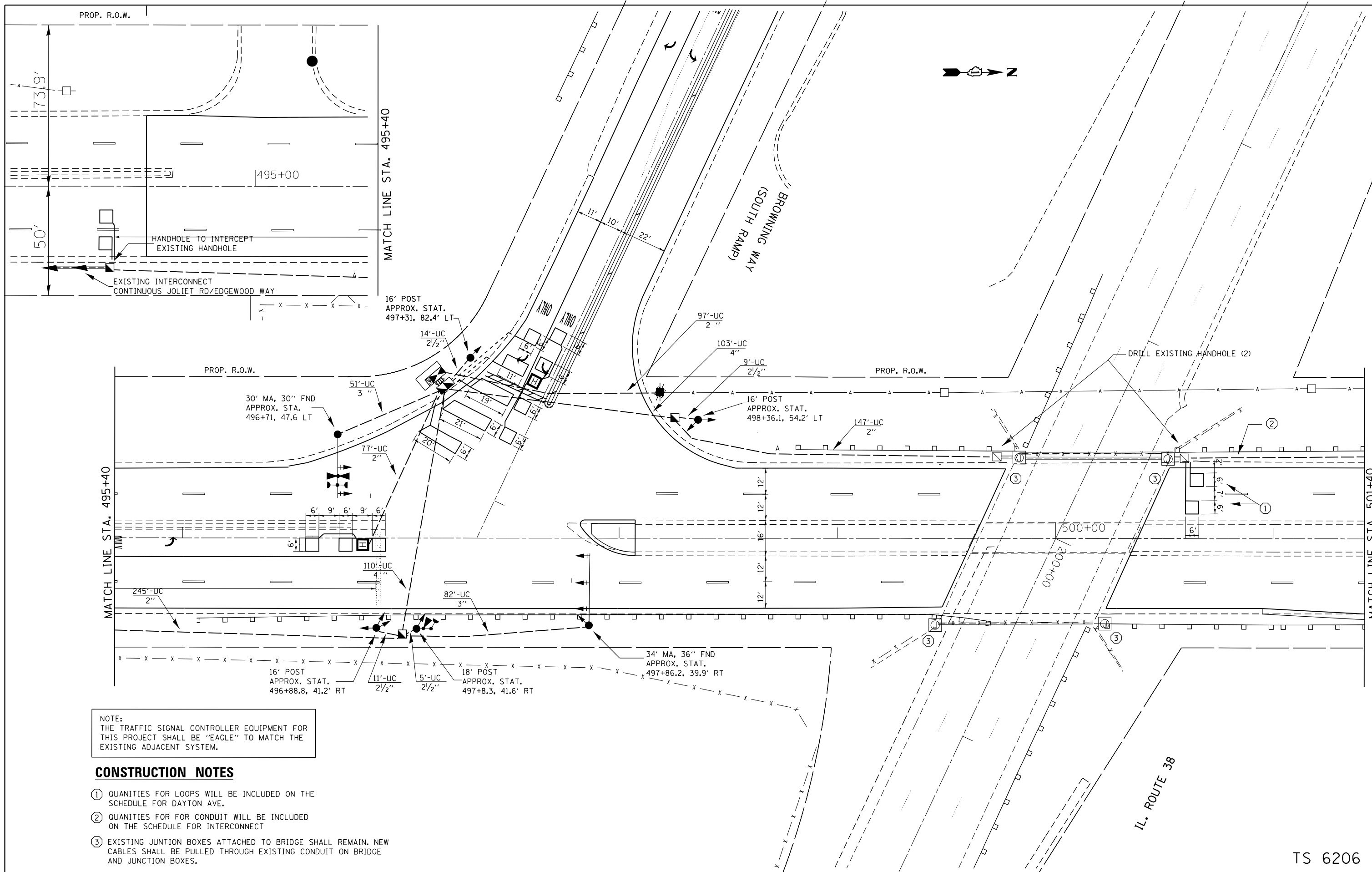
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM  
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  
IL RTE 59 (SUTTON ROAD) AT IL 38 (N RAMP) DAYTON AVE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	37
CONTRACT NO. 60V32				

SCALE: SHEET OF SHEETS STA. TO STA.

TS 6205

ILLINOIS FED. AID PROJECT



NOTE:  
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

**CONSTRUCTION NOTES**

- ① QUANTITIES FOR LOOPS WILL BE INCLUDED ON THE SCHEDULE FOR DAYTON AVE.
- ② QUANTITIES FOR FOR CONDUIT WILL BE INCLUDED ON THE SCHEDULE FOR INTERCONNECT
- ③ EXISTING JUNCTION BOXES ATTACHED TO BRIDGE SHALL REMAIN. NEW CABLES SHALL BE PULLED THROUGH EXISTING CONDUIT ON BRIDGE AND JUNCTION BOXES.

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

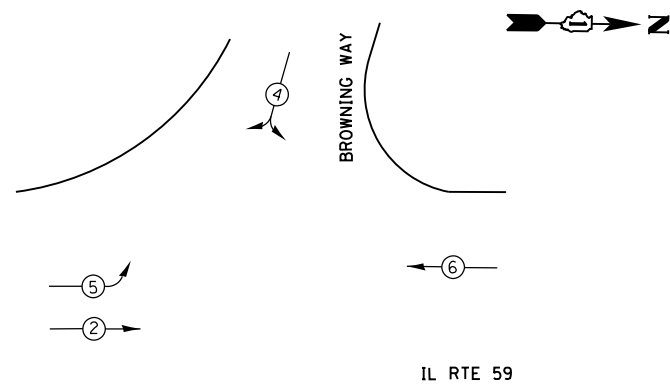
**PROPOSED TRAFFIC SIGNAL INSTALTATION PLAN  
 IL RTE 59 (SUTTON ROAD) AT IL 38 (S RAMP) BROWNING WAY**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	38
CONTRACT NO. 60V32				
ILLINOIS FED. AID PROJECT				

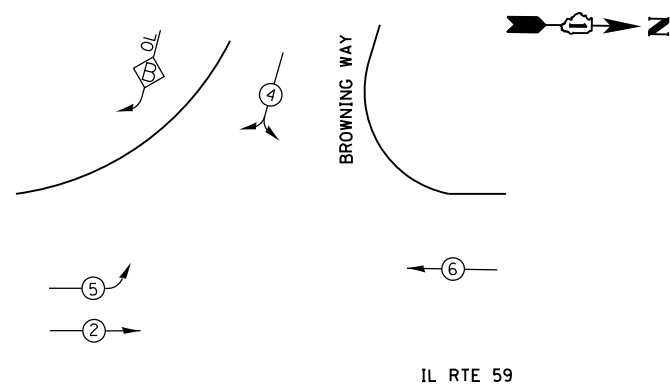
TS 6206

**EXISTING CONTROLLER SEQUENCE**



**PHASE DESIGNATION DIAGRAM**

**PROPOSED CONTROLLER SEQUENCE**



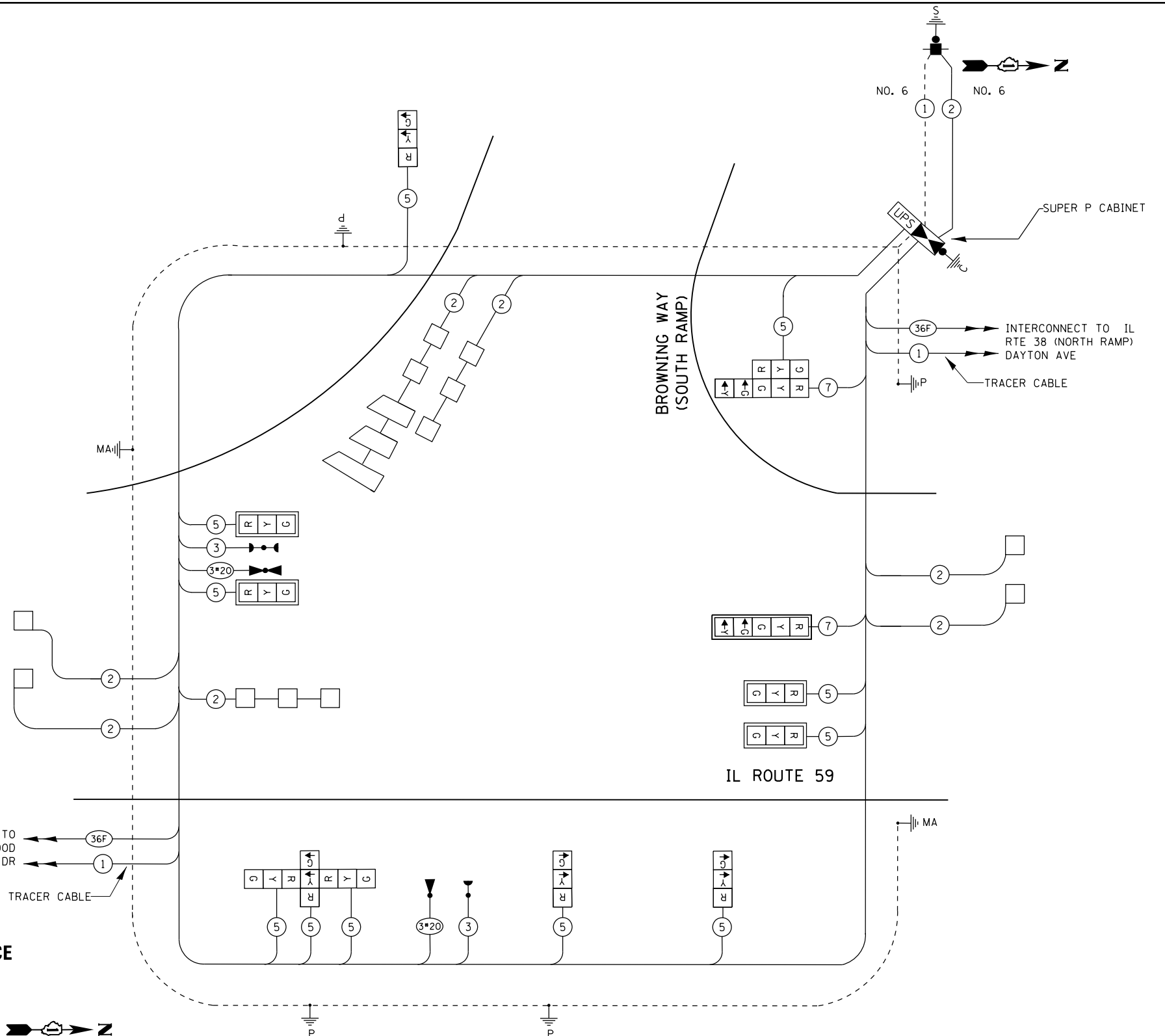
**PHASE DESIGNATION DIAGRAM**

**LEGEND**

- ⊙ DUAL ENTRY PHASE
- ⊠ SINGLE ENTRY PHASE
- ⊠<sup>OL</sup> OVERLAP
- ⊙ PEDESTRAIN PHASE
- \* NUMBER REFERS TO ASSOCIATED PHASE

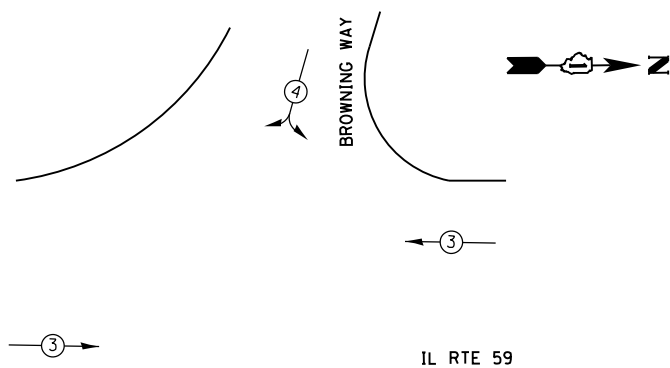
**RIGHT TURN OVERLAP PHASE DESIGNATION**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5



**CABLE PLAN**

**EMERGENCY VEHICLE SEQUENCE**



NOTE:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

TS 6206

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	13		17	0.50	110.5
(YELLOW)	13		25	0.25	81.25
(GREEN)	13		15	0.25	48.75
ARROW	4		12	0.10	4.8
PED. SIGNAL CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN					
VIDEO SYSTEM					
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 345.3

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAY/DISTRICT 1  
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096  
ENERGY SUPPLY: CONTACT: JOE STACHO  
PHONE: (630) 424-5704  
COMPANY: COMED

FILE NAME =	USER NAME = smthsv	DESIGNED -	REVISED -
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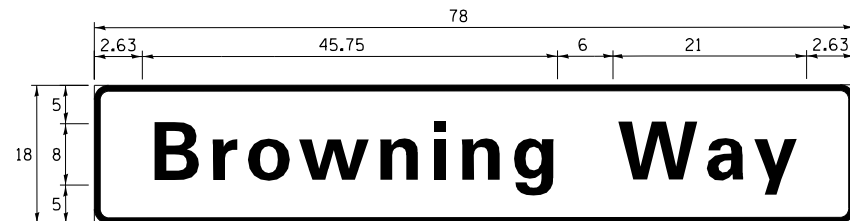
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM  
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  
IL RTE 59 (SUTTON ROAD) AT IL 38 (S RAMP) BROWNING WAY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	39
CONTRACT NO. 60V32				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

**SIGN PANEL – TYPE 1 OR TYPE 2**



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	2	ZZ	2

**SCHEDULE OF QUANTITIES**

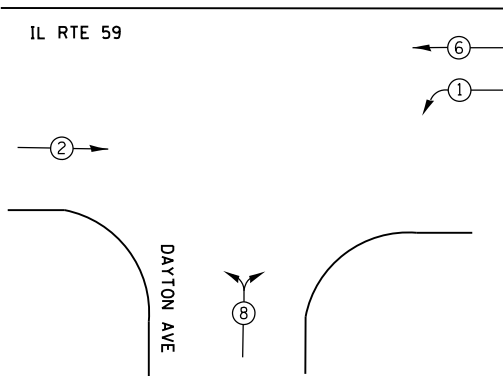
ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 2	SQ FT	19.5
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	489
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	39
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	133
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	359
HANDHOLE	EACH	3
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	1
* ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	286
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,896
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	442
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	537
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	117
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	576
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	13.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	11
DRILL EXISTING HANDHOLE	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	7
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	5
INDUCTIVE LOOP DETECTOR	EACH	7
DETECTOR LOOP, TYPE I	EACH	508
* LIGHT DETECTOR	FOOT	3
* LIGHT DETECTOR AMPLIFIER	EACH	1
* TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	5
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	EACH	268
FULL-ACTUATED CONTROLLER AND TYPE SUPER P, SPECIAL	FOOT	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

\* 100% COST TO THE VILLAGE OF WEST CHICAGO





**EXISTING CONTROLLER SEQUENCE**

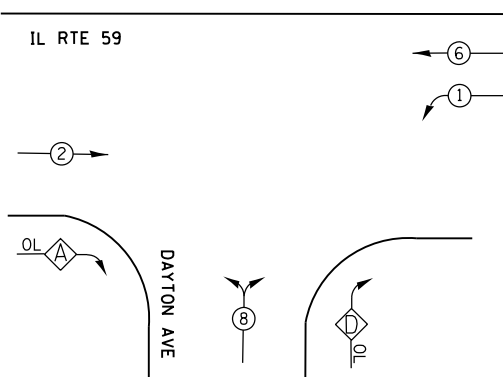


- LEGEND**
- ⊛ DUAL ENTRY PHASE
  - ⊠ SINGLE ENTRY PHASE
  - ⊞ OVERLAP
  - ⊡ PEDESTRAIN PHASE
  - \* NUMBER REFERS TO ASSOCIATED PHASE

**RIGHT TURN OVERLAP PHASE DESIGNATION**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2 +	8
D	= 1 +	8

**PROPOSED CONTROLLER SEQUENCE**



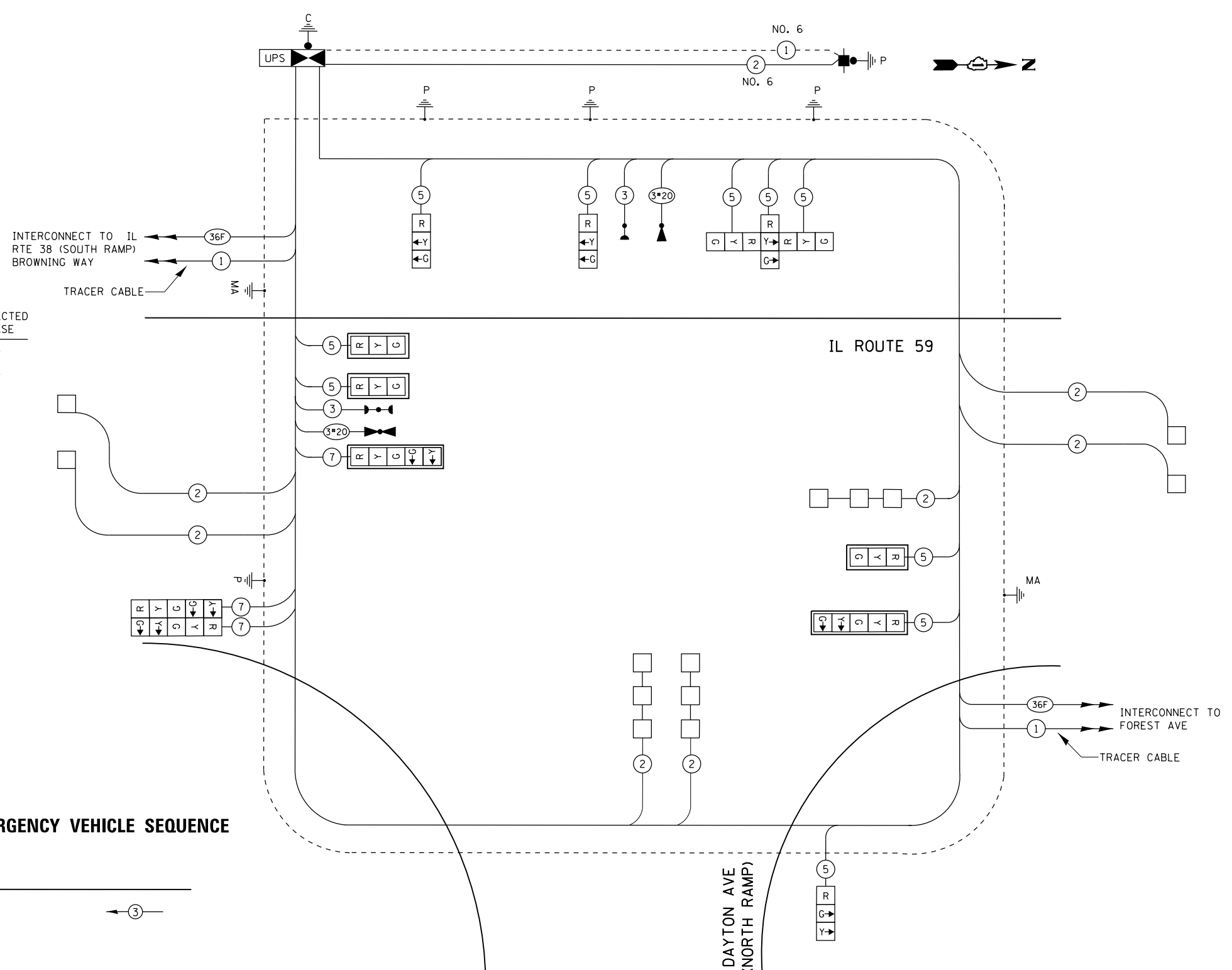
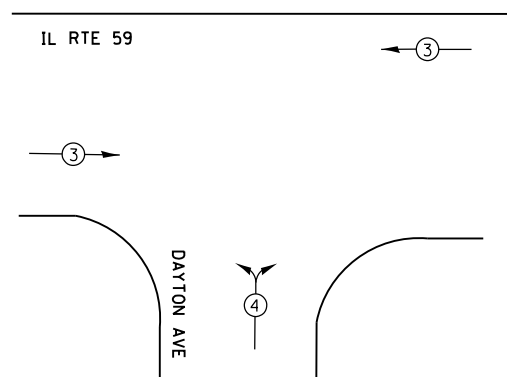
**PROPOSED PHASE DESIGNATION DIAGRAM**

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
SIGNAL	NO. OF LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	13		17	0.50	110.5
(YELLOW)	13		25	0.25	81.25
(GREEN)	13		15	0.25	48.75
ARROWS	8		12	0.10	9.6
PED. SIGNAL CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN VIDEO SYSTEM					-
					0.50

ENERGY COSTS TO: TOTAL = 350.1

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAY/DISTRICT 1  
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096  
 ENERGY SUPPLY: CONTACT: JOE STACHO  
 PHONE: (630) 424-5704  
 COMPANY: COMED

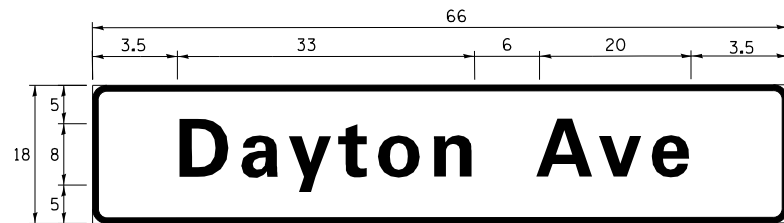
**PROPOSED EMERGENCY VEHICLE SEQUENCE**



NOTE:  
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

TS 6205

**SIGN PANEL – TYPE 1 OR TYPE 2**

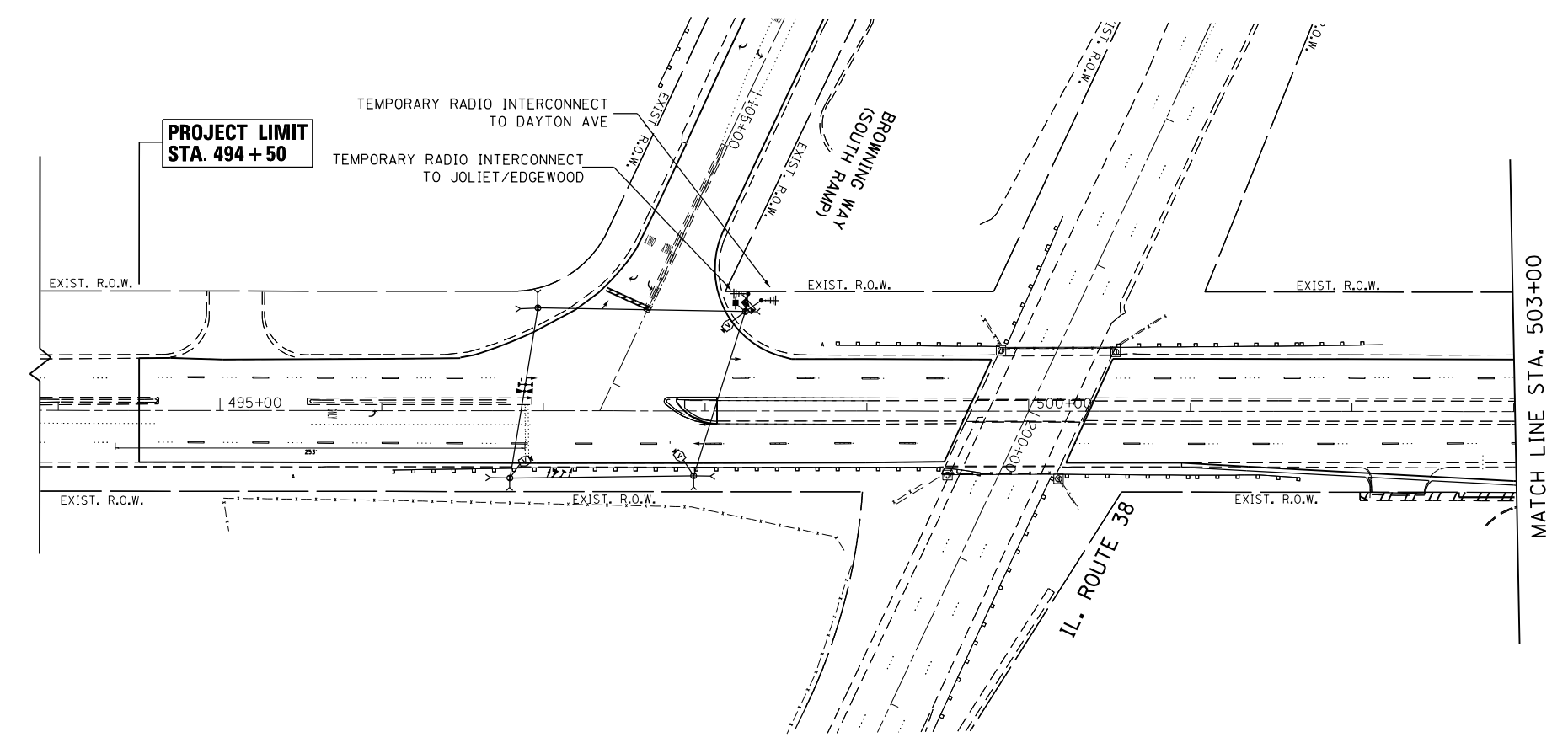
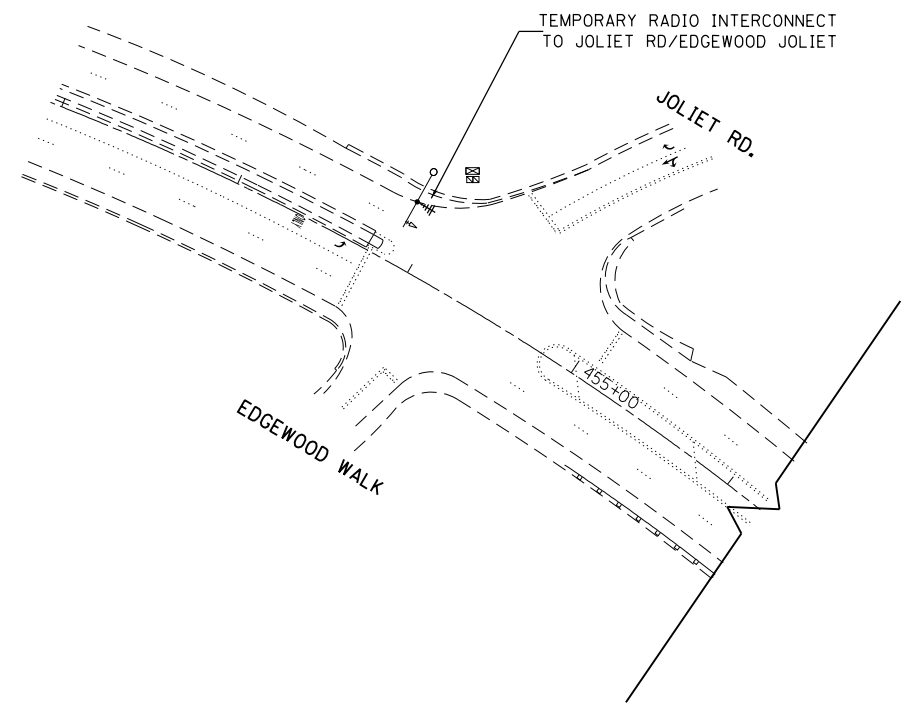


DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	8.25	1	ZZ	2

**SCHEDULE OF QUANTITIES**

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SO FT	16.5
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,210
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	80
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	193
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	259
HANDHOLE	EACH	6
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	1
* ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	203
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1122
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	701
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1768
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	112
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	556
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	13.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	11
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	5
INDUCTIVE LOOP DETECTOR	EACH	7
DETECTOR LOOP, TYPE I	EACH	596
* LIGHT DETECTOR	FOOT	3
* LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	6
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	EACH	203
FULL-ACTUATED CONTROLLER AND TYPE SUPER P, SPECIAL	FOOT	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

\* 100% COST TO THE VILLAGE OF WEST CHICAGO



NOTE:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

EAGLE 5A

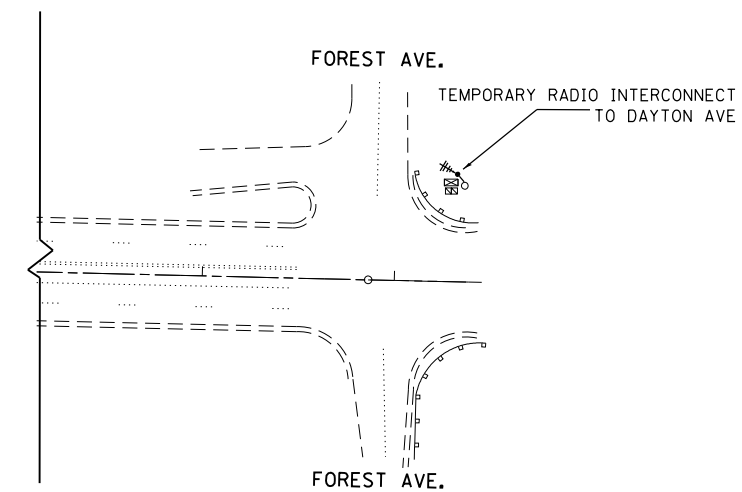
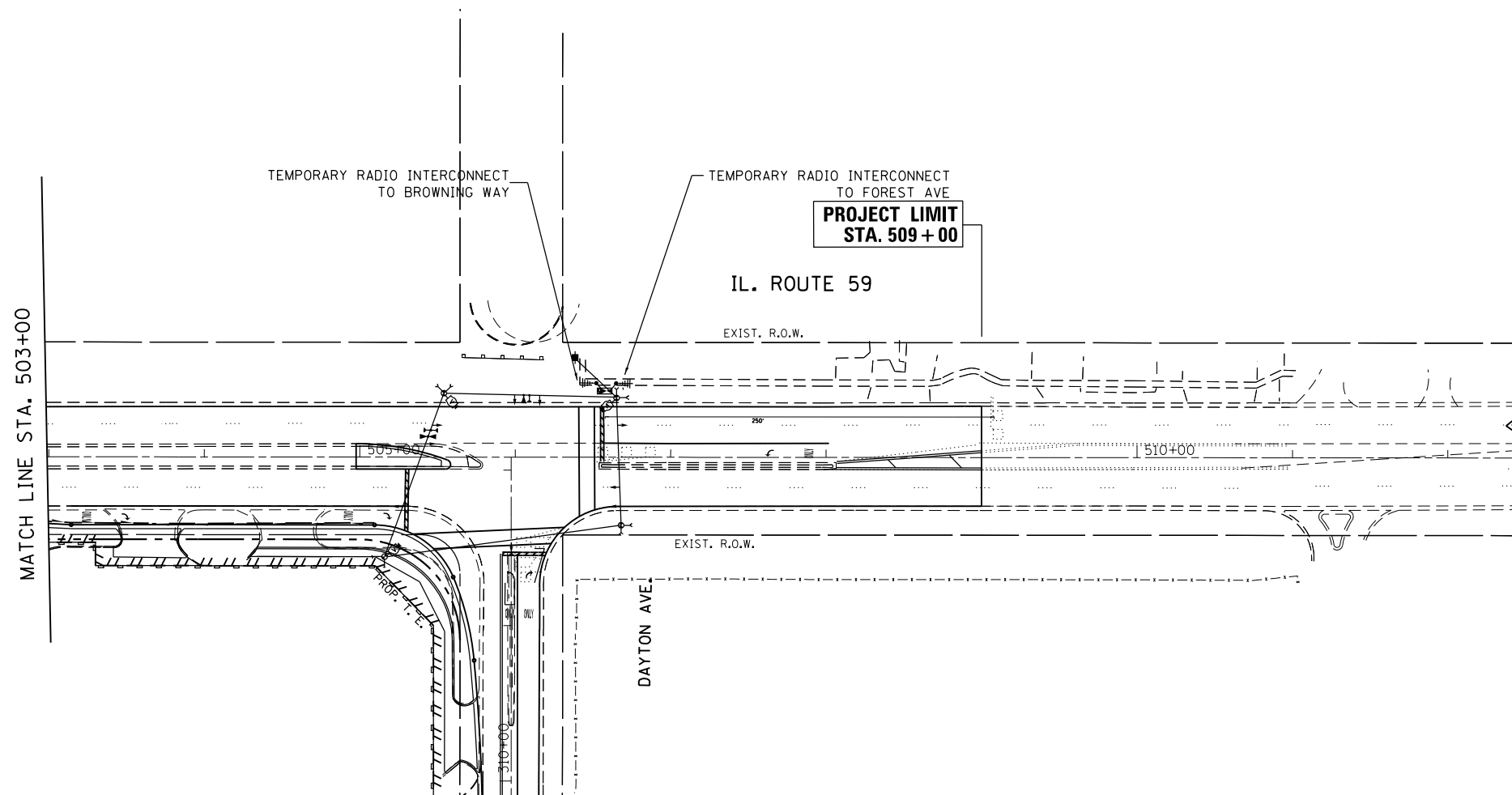
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT AND SCHEMATIC  
IL RTE 59 (SUTTON ROAD) AT IL 38 (NB AND SB RAMPS)**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	44
CONTRACT NO. 60V32			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.



NOTE:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

EAGLE 5A

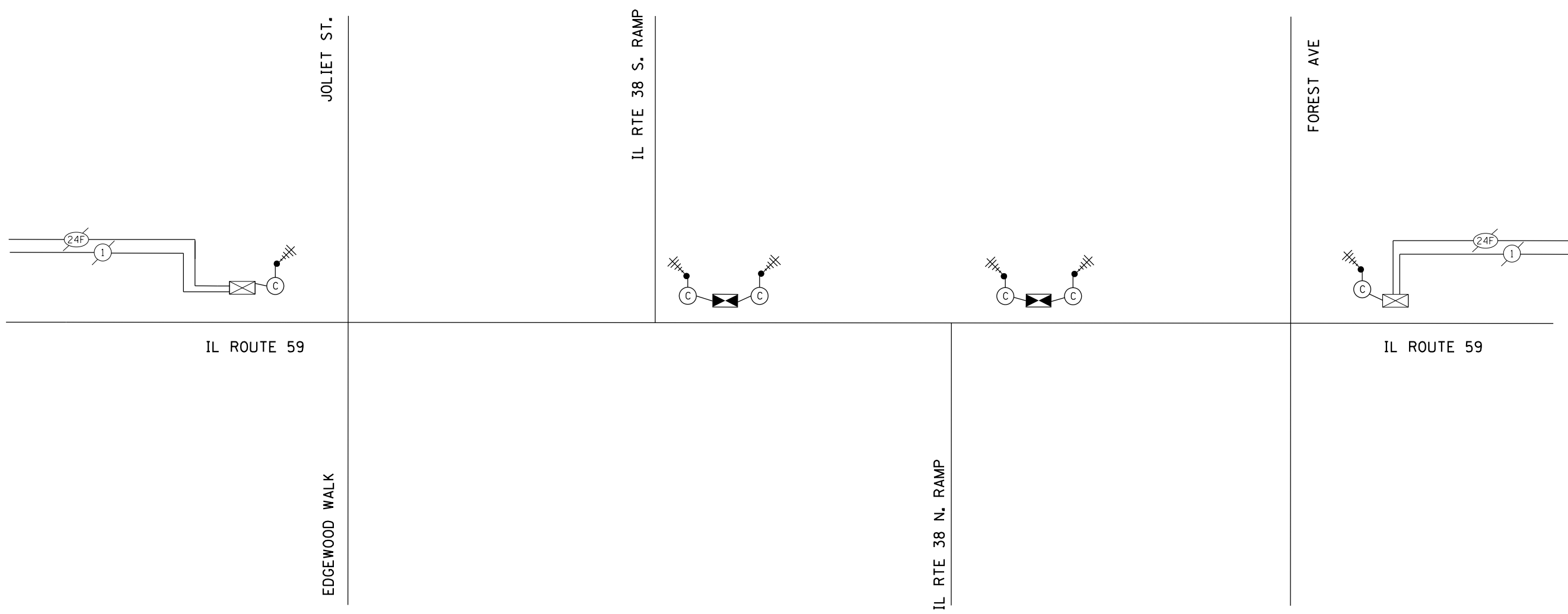
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	PLOT DATE = 4/20/2015	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT AND SCHEMATIC  
IL RTE 59 (SUTTON ROAD) AT IL 38 (NB AND SB RAMPS)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	45
CONTRACT NO 60V32				
ILLINOIS FED. AID PROJECT				

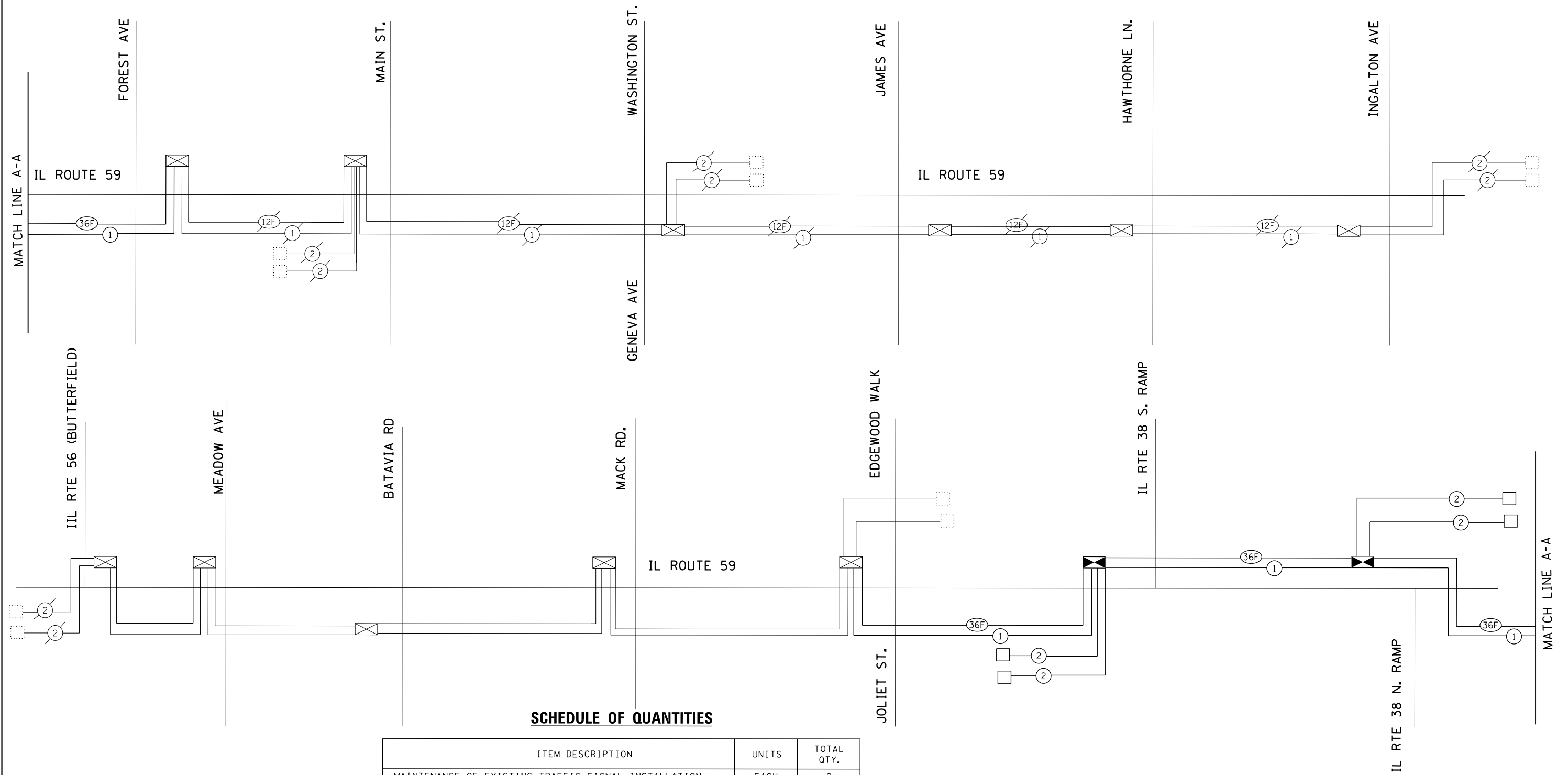
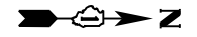


NOTE:  
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR  
 THIS PROJECT SHALL BE "EAGLE" TO MATCH THE  
 EXISTING ADJACENT SYSTEM.

EAGLE 5A

FILE NAME =	USER NAME = smithsv	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY INTERCONNECT AND SCHEMATIC IL RTE 59 (SUTTON ROAD) AT IL 38 (NB AND SB RAMP)</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\pwidot\smithsv\d0395664\PI3742-sh1-TS.dgn	DRAWN -	REVISED -	338			112N-3	DUPAGE	71	46		
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 60V32					
	PLOT DATE = 4/20/2015	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
ILLINOIS FED. AID PROJECT											





**SCHEDULE OF QUANTITIES**

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	7818
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	6256
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	7818
ROD AND CLEAN EXISTING CONDUIT	FOOT	7347
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	844
TRANCIEVER FIBER OPTIC	EACH	2
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL 1	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL 2	EACH	1

NOTE:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

EAGLE 5A

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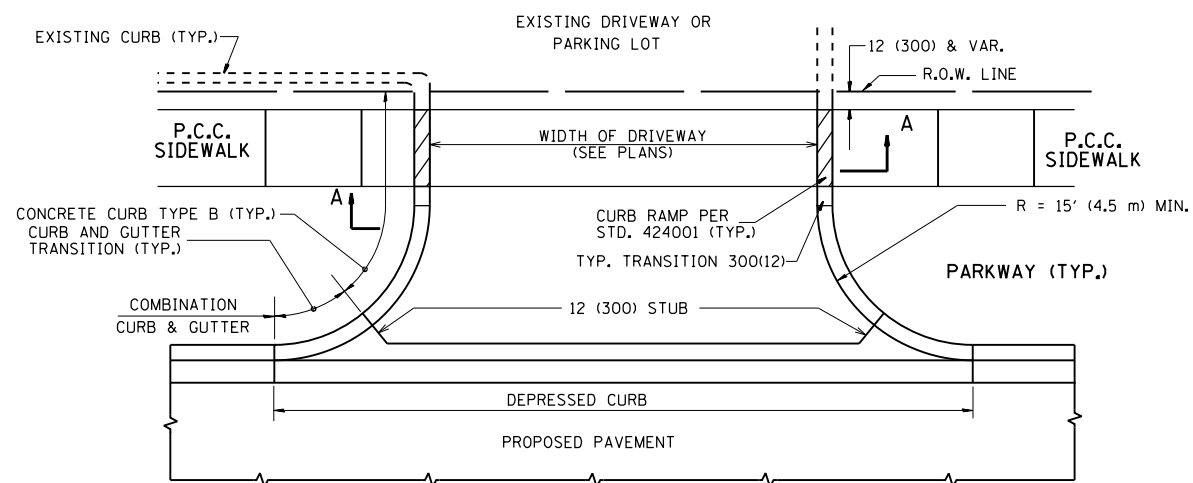
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT PLAN AND SCHEMATIC  
IL 59 AND IL 38 (NB AND SB RAMPS)**

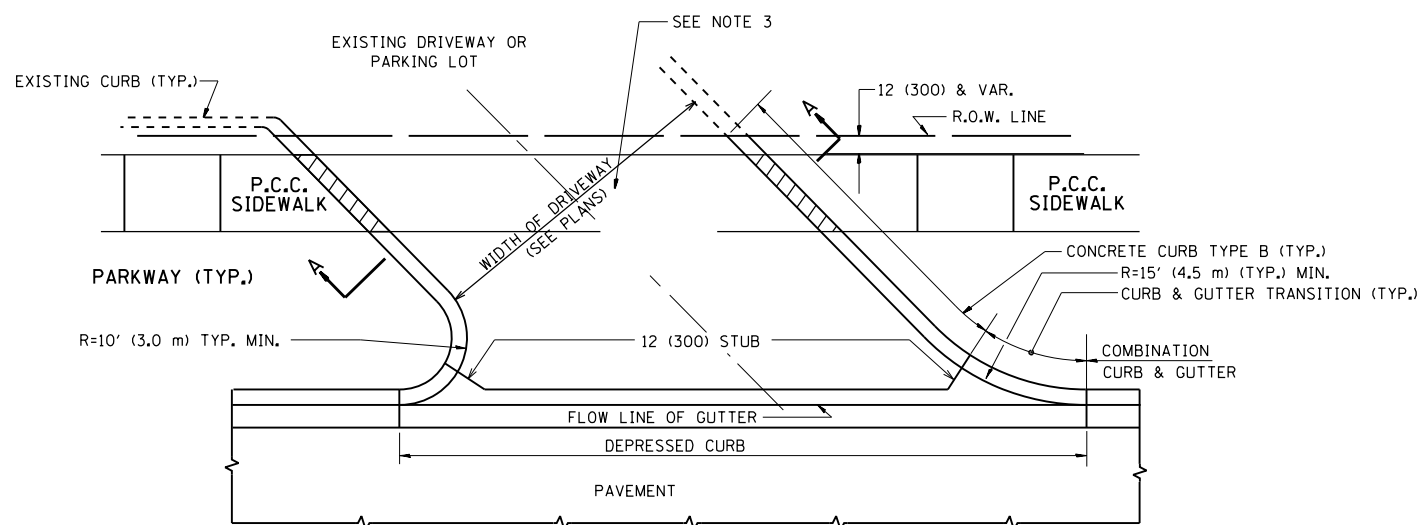
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60V32			ILLINOIS FED. AID PROJECT	

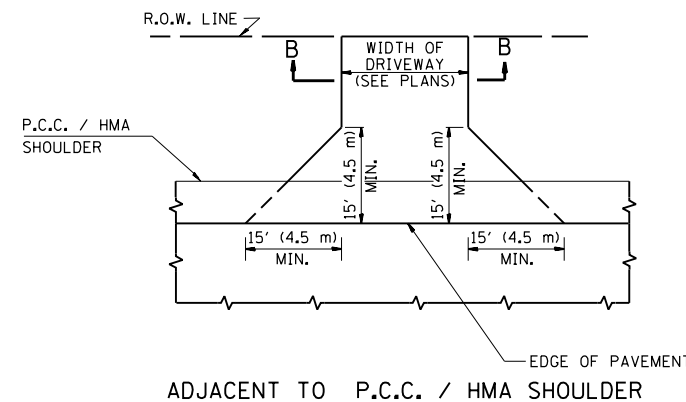
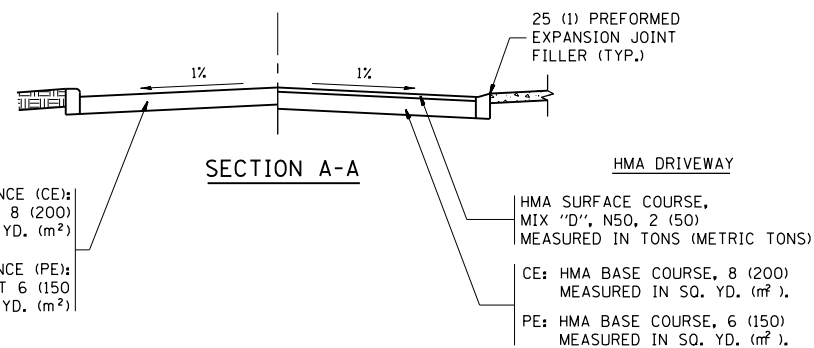




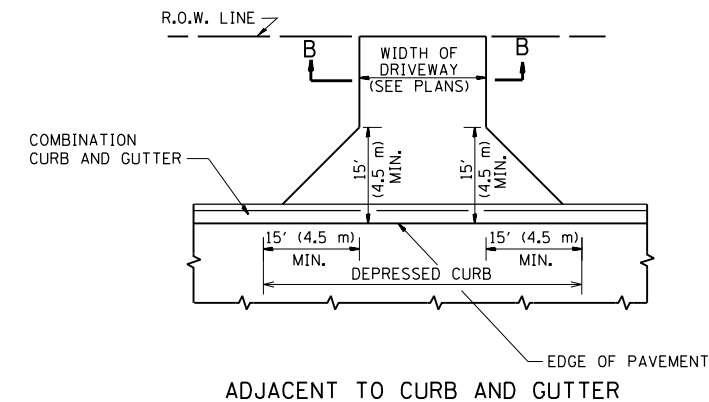
WITH CONCRETE CURB, TYPE B



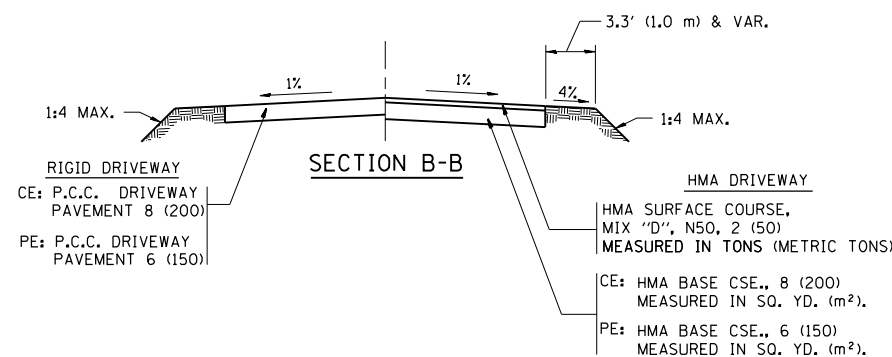
WITH CONCRETE CURB, TYPE B



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.

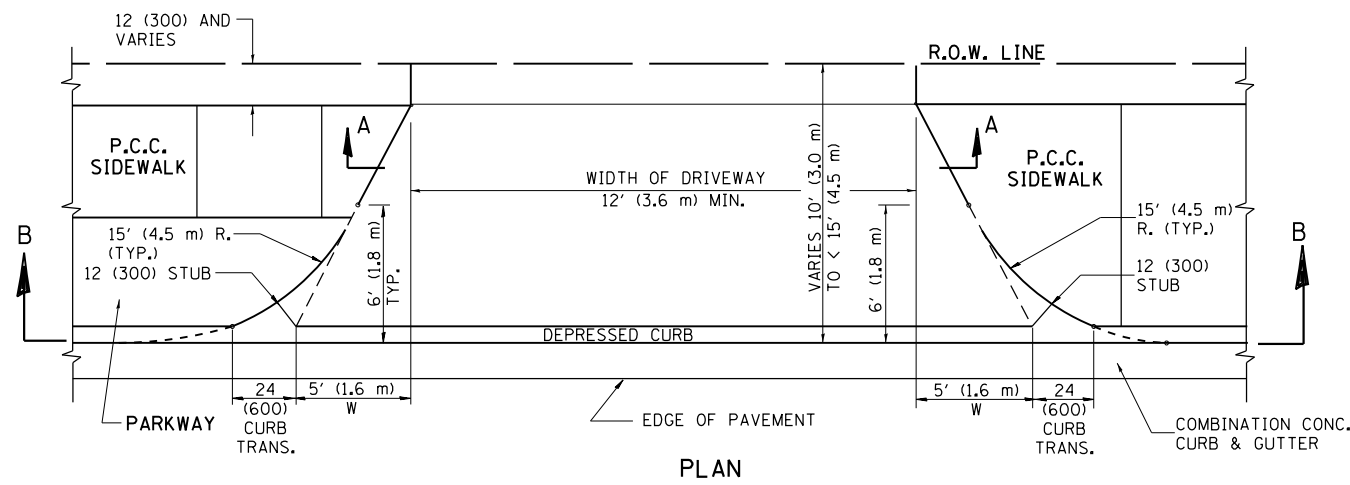
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	PLOT SCALE = 100.0002' / 1"	CHECKED -	REVISED - R. BORO 06-11-08
	PLOT DATE = 5/12/2015	DATE - 11-04-95	REVISED - R. BORO 09-06-11

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

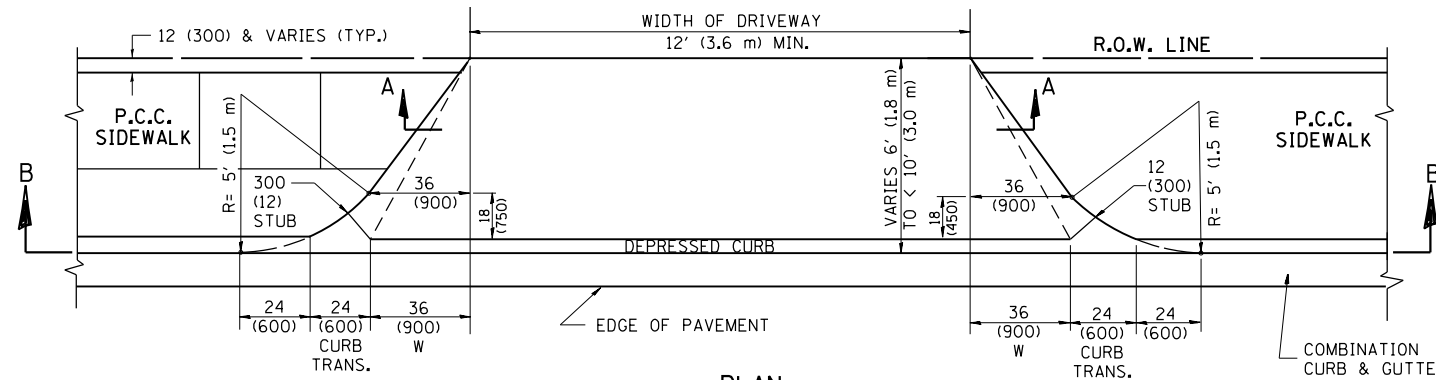
DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.  
AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)

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

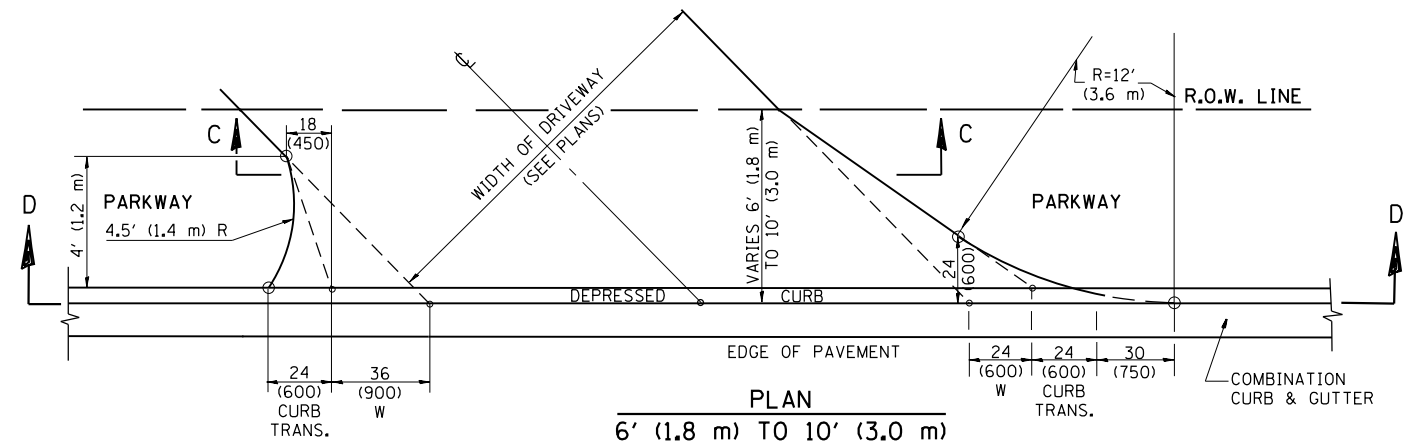
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	49
BD0156-07 (BD-01)			CONTRACT NO. 60V32	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



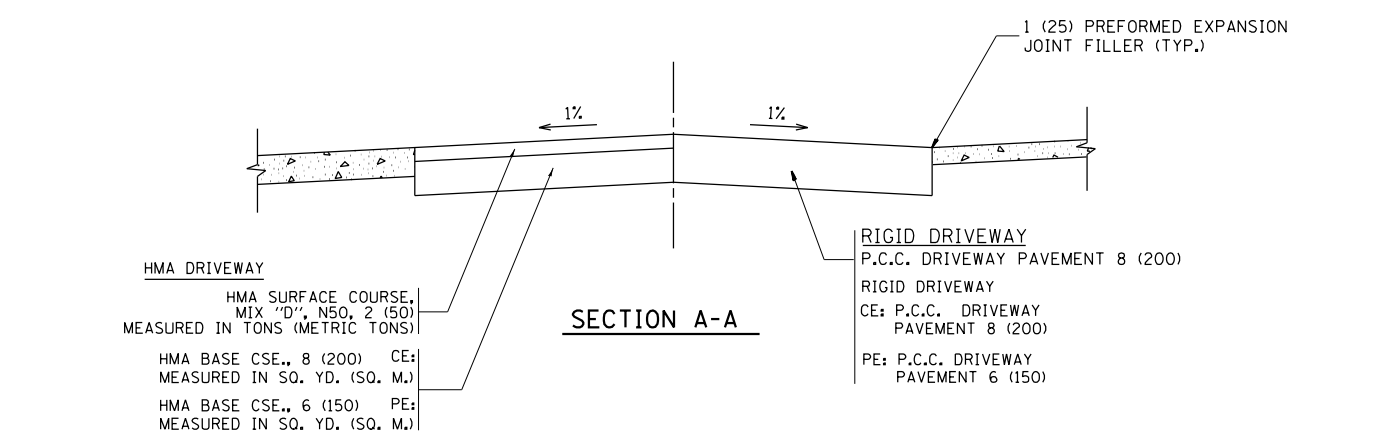
PLAN  
10' (3.0 m) TO < 15' (4.5 m)



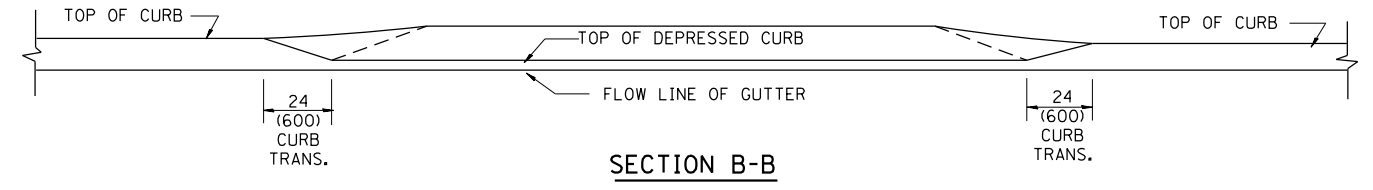
PLAN  
6' (1.8 m) TO < 10' (3.0 m)



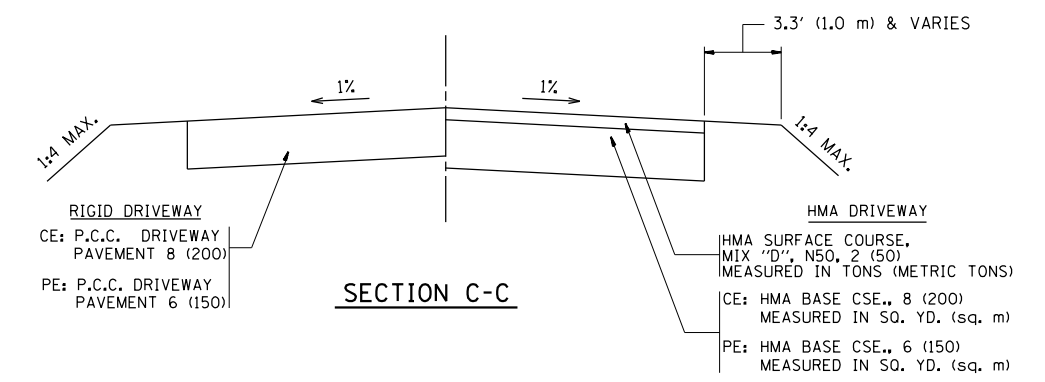
PLAN  
6' (1.8 m) TO 10' (3.0 m)



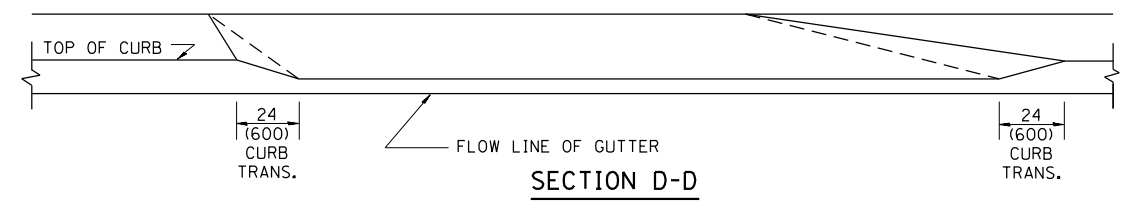
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

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).

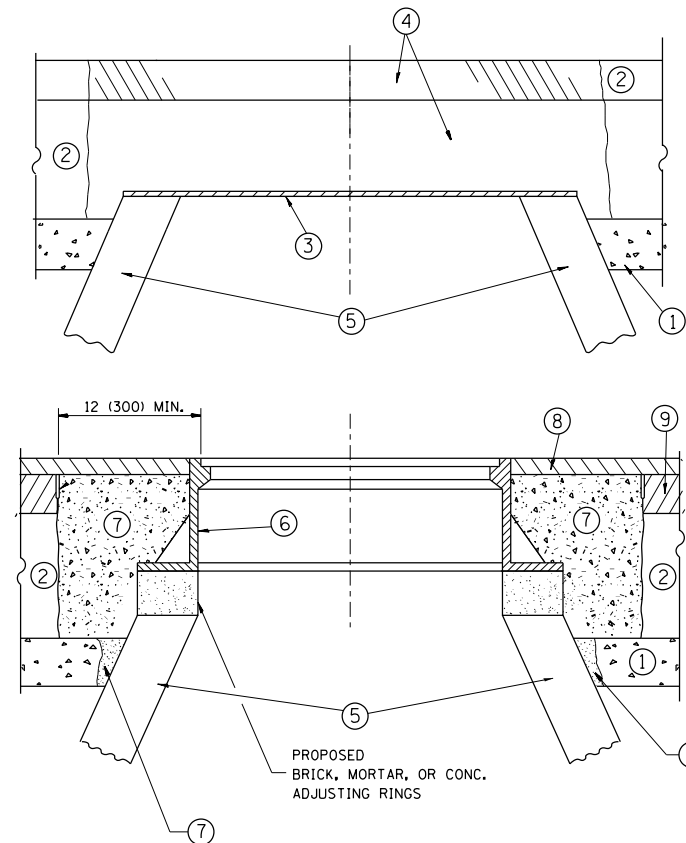
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

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PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 5/12/2015		DATE - 11-06-95	REVISED - R. BORO 01-01-07

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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DuPAGE	71	50
BD400-02 (BD-02)		CONTRACT NO. 60V32		
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 THE FRAME TO 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
- ⑥ FRAME AND LID (SEE NOTES)
- ② EXISTING PAVEMENT
- ⑦ CLASS PP-1\* CONCRETE
- ③ 36 (900) DIAMETER METAL PLATE
- ⑧ PROPOSED HMA SURFACE COURSE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑨ PROPOSED HMA BINDER COURSE
- ⑤ EXISTING STRUCTURE

**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**

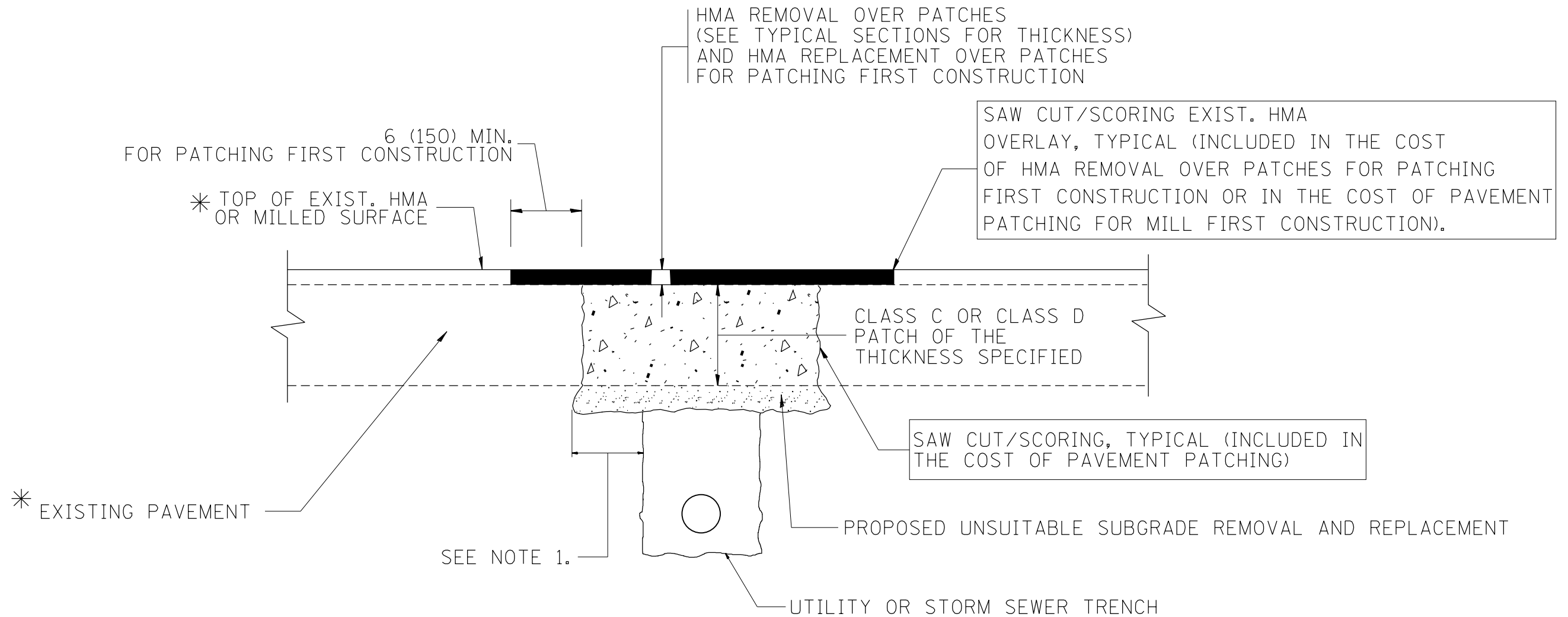
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = midyja	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 5/12/2015	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DuPAGE	71	51
<b>BD600-03 (BD-8)</b>		<b>CONTRACT NO. 60V32</b>		
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				



\* 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.

FILE NAME =	USER NAME = midyja	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\midot\midyja\0301541\DistStc.dgn	DRAWN -	REVISED - R. BORO 01-01-07	REVISED - R. BORO 09-04-07					338	112N-3	DuPAGE	71	52
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 09-04-07	REVISED - K. ENG 10-27-08		BD400-04 (BD-22)		CONTRACT NO. 60V32					
PLOT DATE = 5/12/2015	DATE - 10-25-94	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	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.

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

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 USUABLE 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".

SEE STATE STANDARD 606001  
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

1/4" (5) \*\*

18" (450) MAX.

T/2 \*

3" (75) MIN.

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

\* 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.

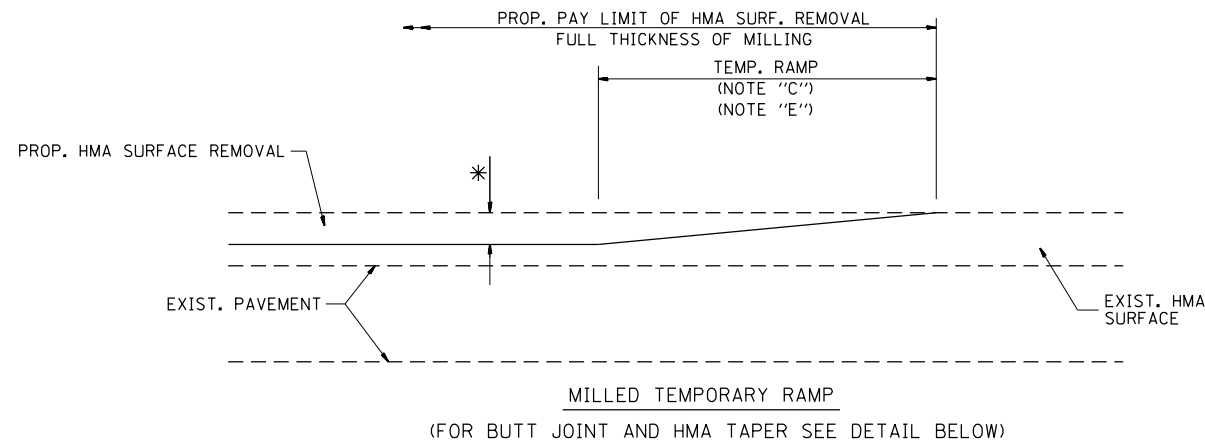
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

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.

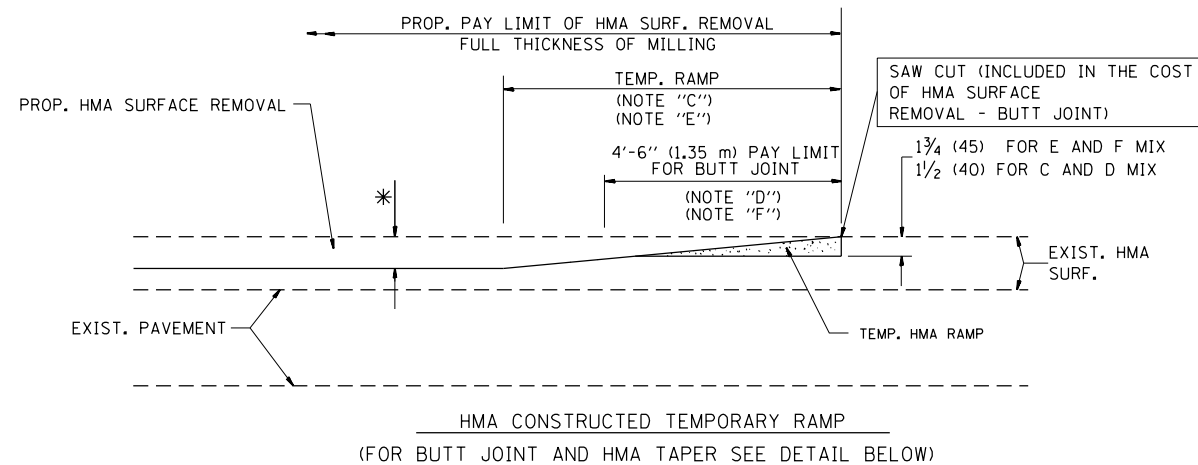
# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = midyja	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\midot\midyja\0301541\DistStd.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97					338	112N-3	DuPAGE	71	53
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED - M. GOMEZ 01-22-01		<b>BD600-06 (BD-24)</b>			<b>CONTRACT NO. 60V32</b>				
	PLOT DATE = 5/12/2015	DATE - 03-11-94	REVISED - R. BORO 12-15-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

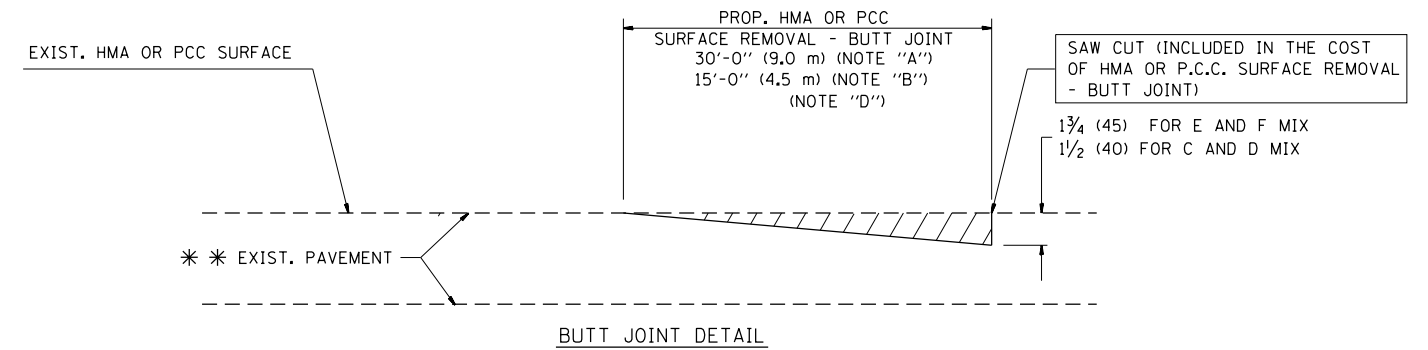


**OPTION 1**

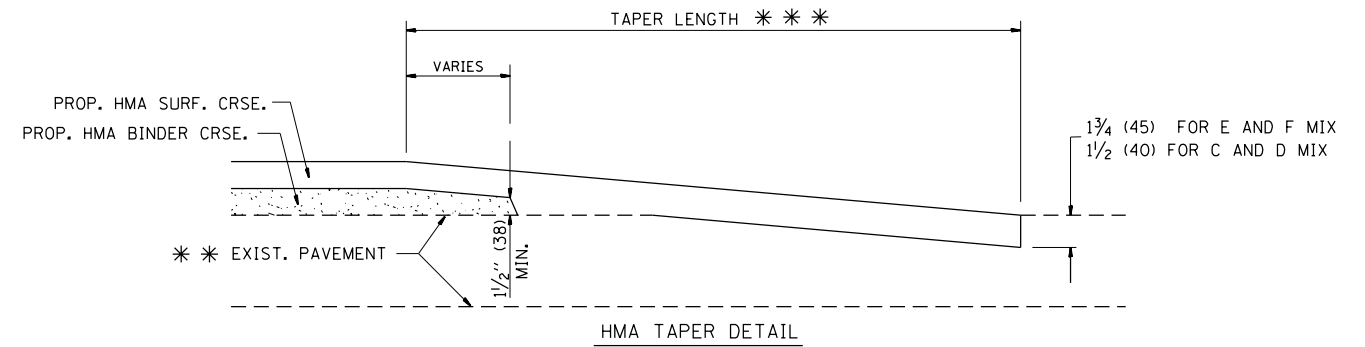


**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

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

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

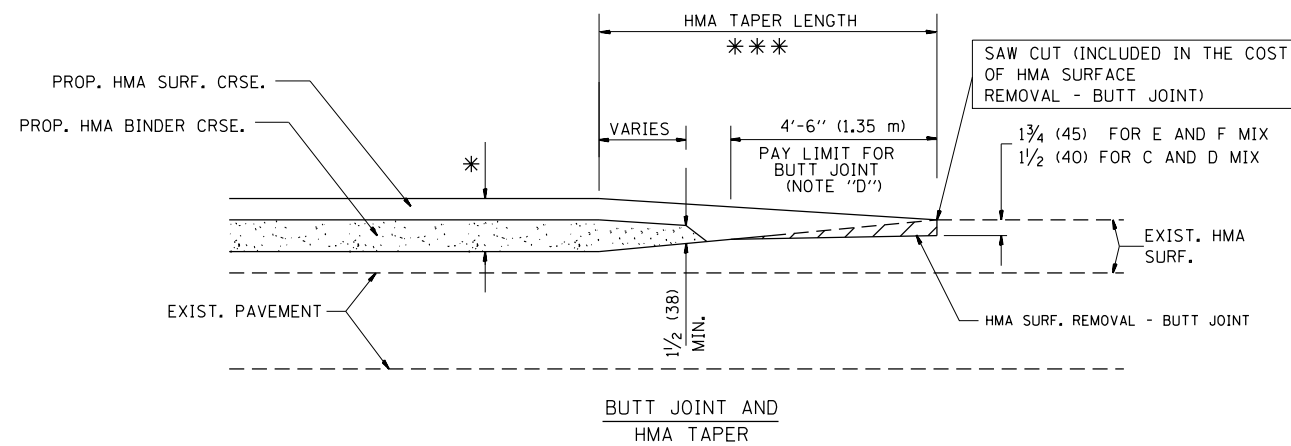
**NOTES**

- 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.



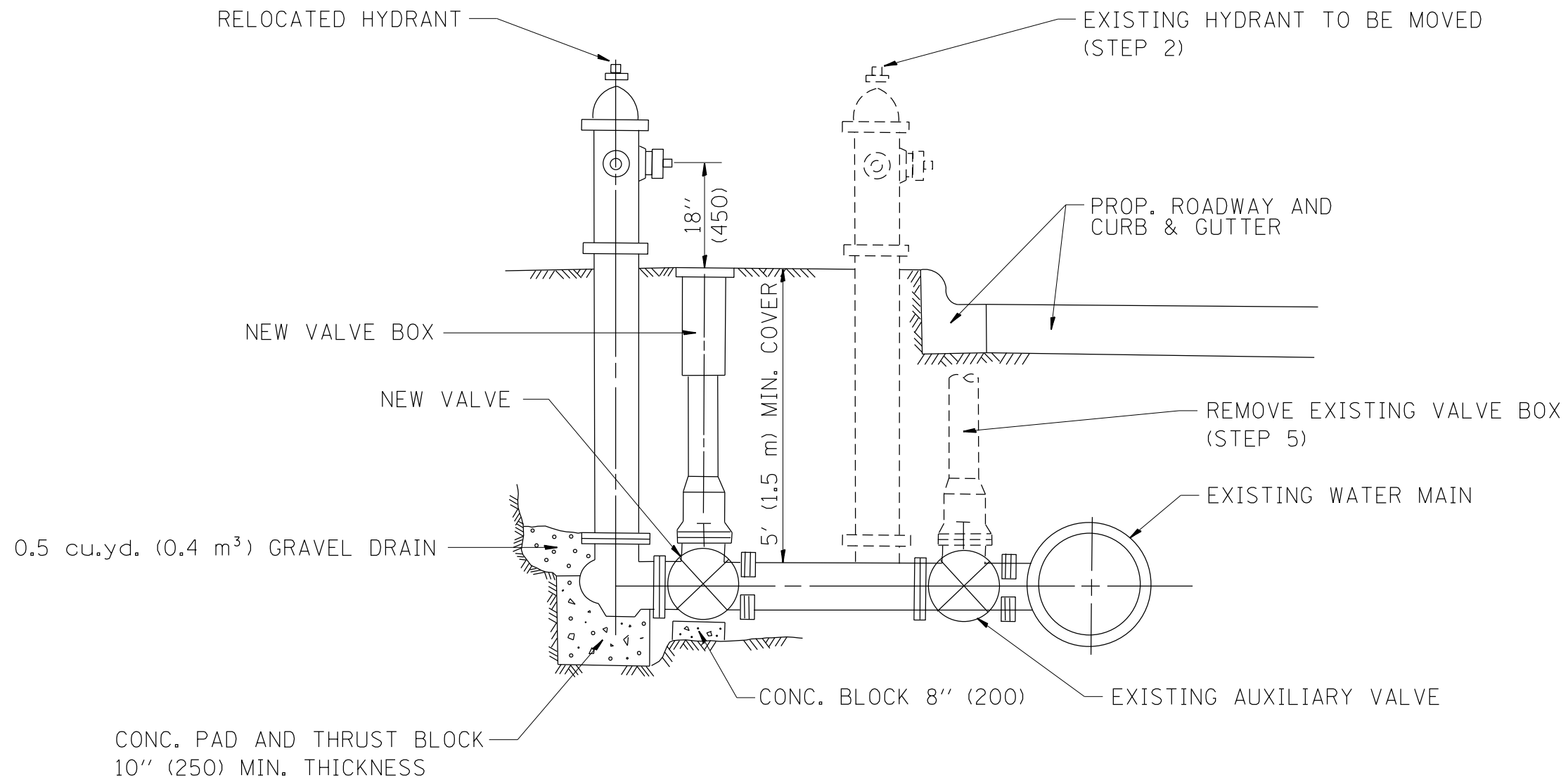
**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**

FILE NAME =	USER NAME = midyja	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
et:\pw\work\p\midot\midyja\0301541\DistStc.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 5/12/2015	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BUTT JOINT AND HMA TAPER DETAILS</b>	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DuPAGE	71	54
<b>BD400-05 BD32</b>		<b>CONTRACT NO. 60V32</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SEQUENCE OF CONSTRUCTION:

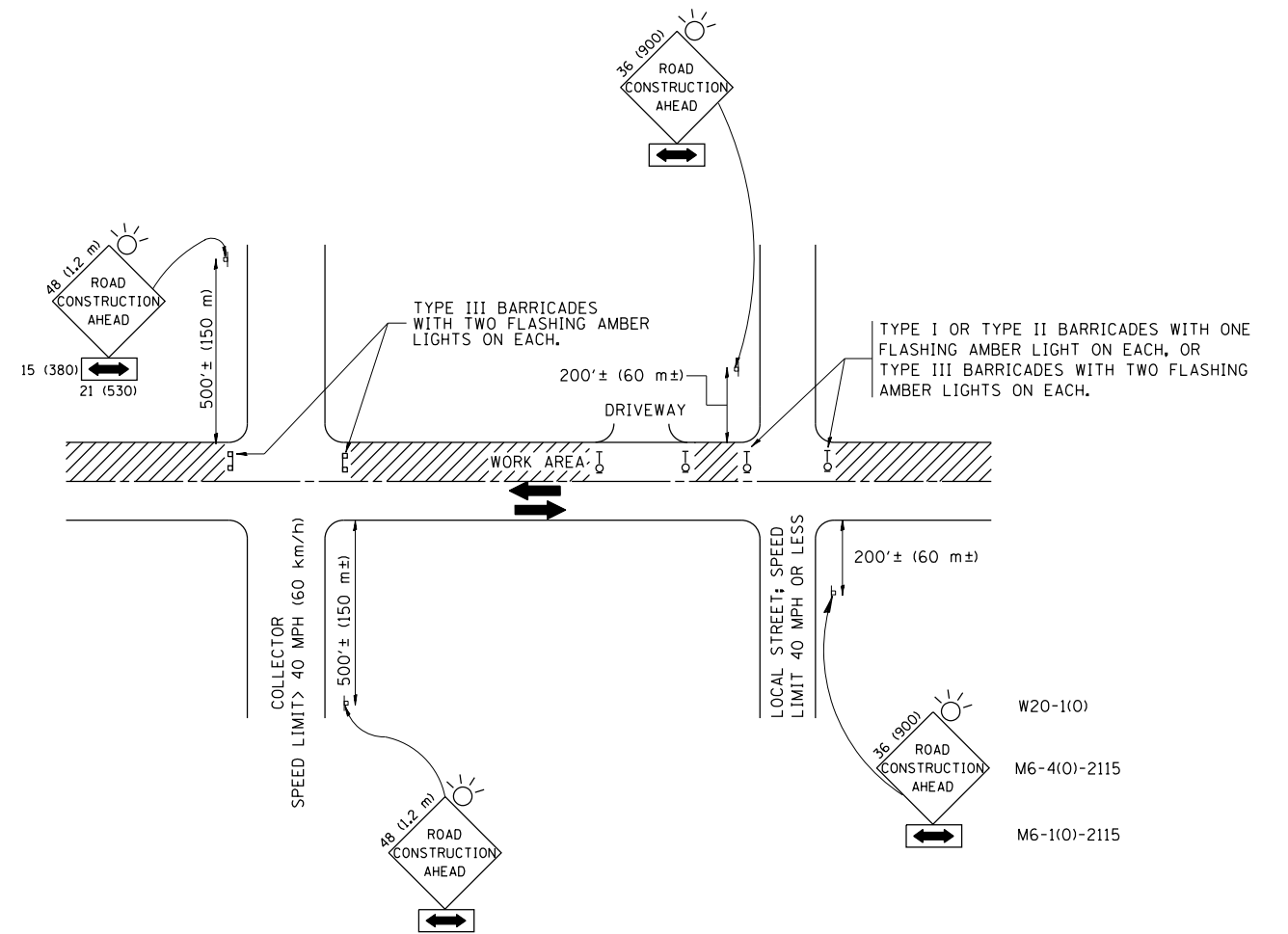
1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

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

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED - R. SHAH 09-09-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FIRE HYDRANT TO BE MOVED</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\midyja\0301541\DistStc.dgn		DRAWN -	REVISED - R. SHAH 10-25-94		338	112N-3	DuPAGE	71	55			
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -		<b>BD-36</b>		<b>CONTRACT NO. 60V32</b>					
	PLOT DATE = 5/12/2015	DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	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 =	USER NAME = midyja	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
et:\pwork\pwork\midyja\0301541\DistStd.dgn		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 5/12/2015	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

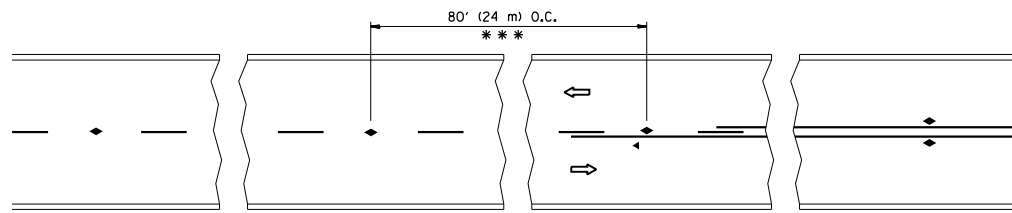
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

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

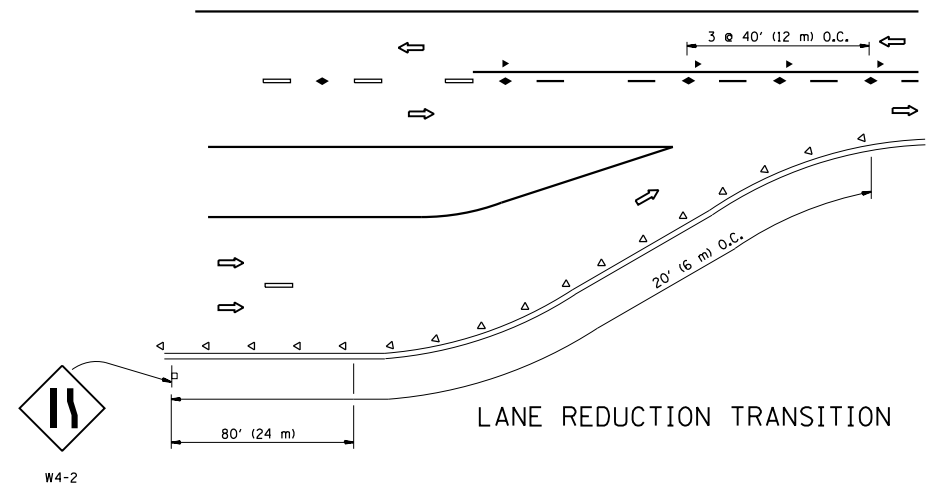
F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 60V32	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



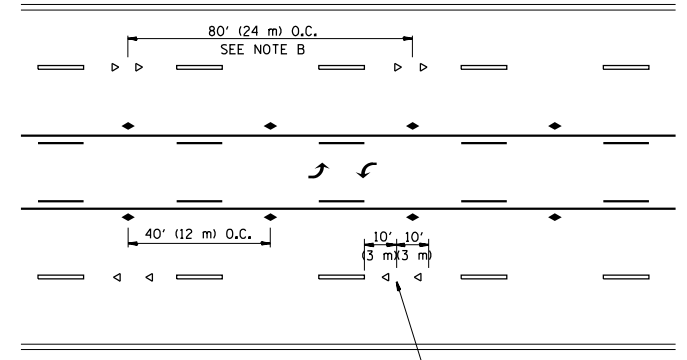


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

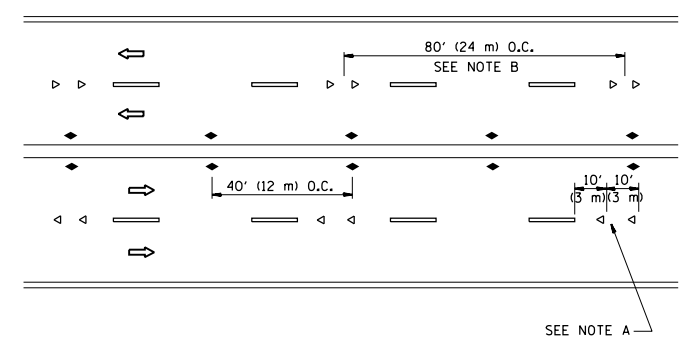
TWO-LANE/TWO-WAY



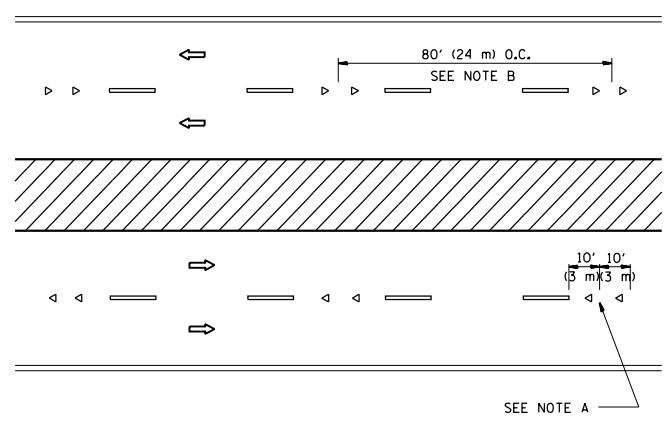
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

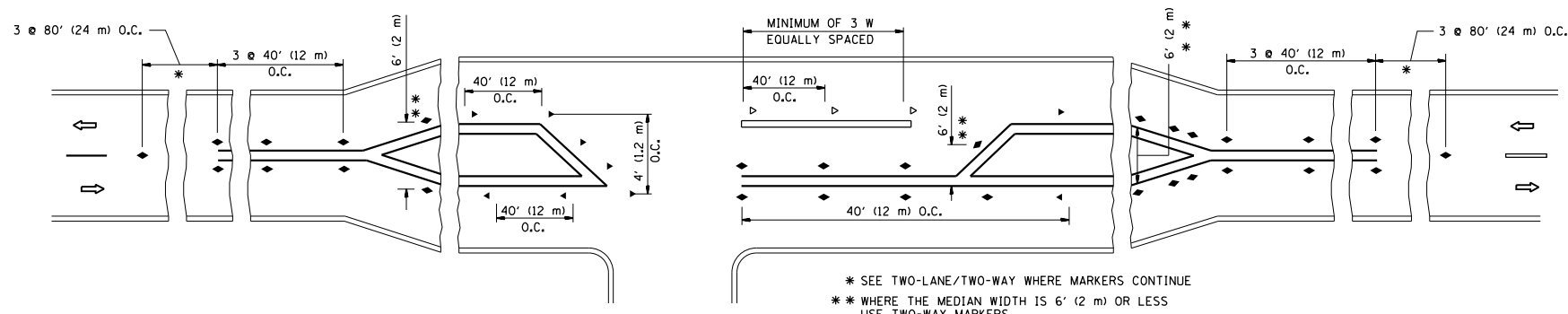
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

\* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE  
 \*\* WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

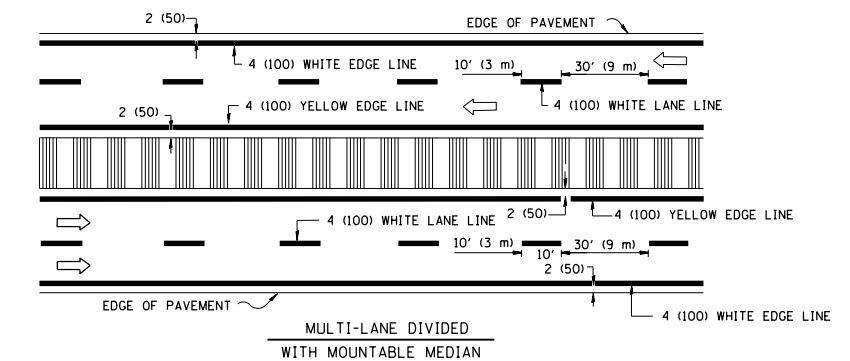
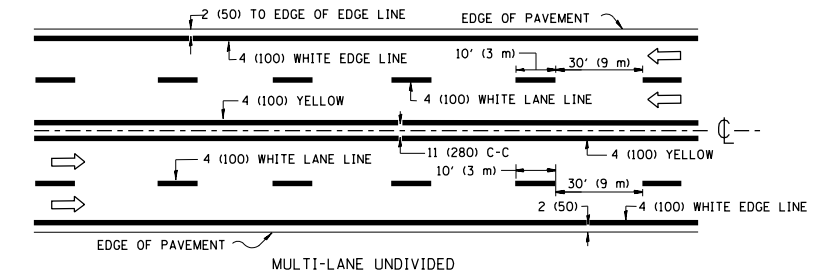
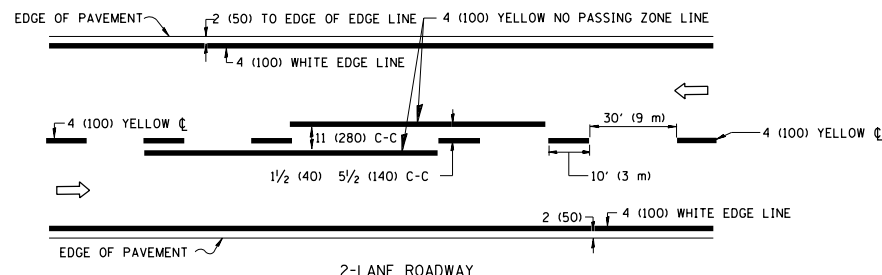
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
et:\pw\work\p\midot\midyja\0301541\DistStc.dgn		DRAWN -	REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 5/12/2015	DATE -	REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

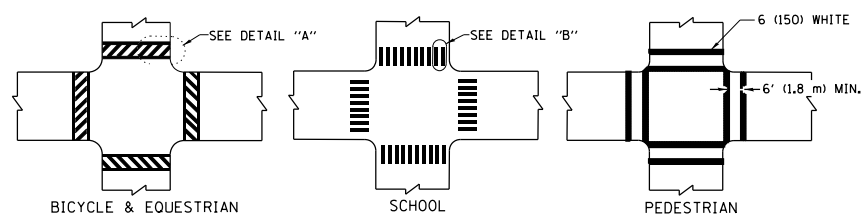
TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DuPAGE	71	57
TC-11			CONTRACT NO. 60V32	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

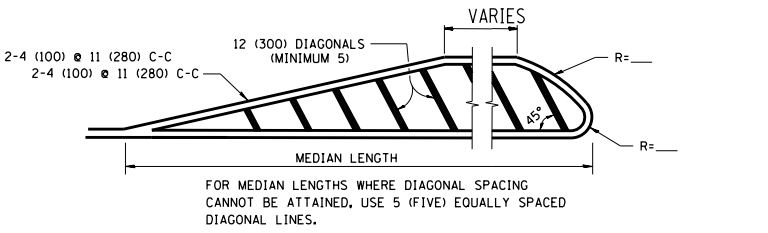
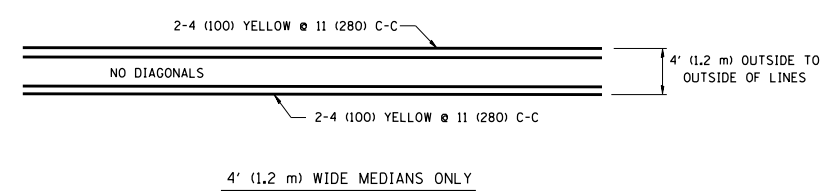


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

**TYPICAL LANE AND EDGE LINE MARKING**

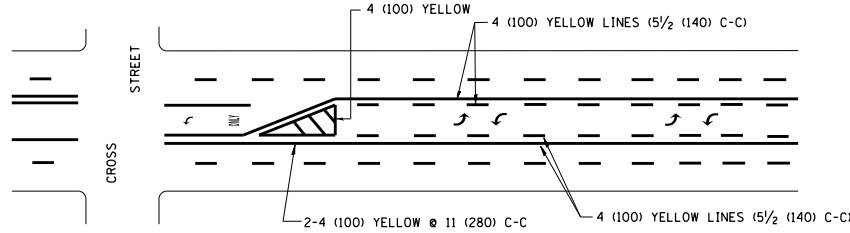


**TYPICAL CROSSWALK MARKING**

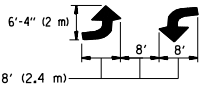


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

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

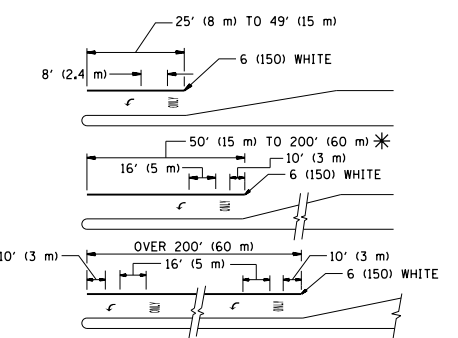


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

**TYPICAL PAINTED MEDIAN MARKING**

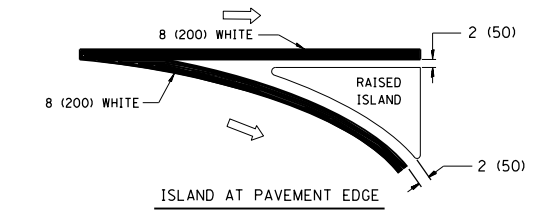
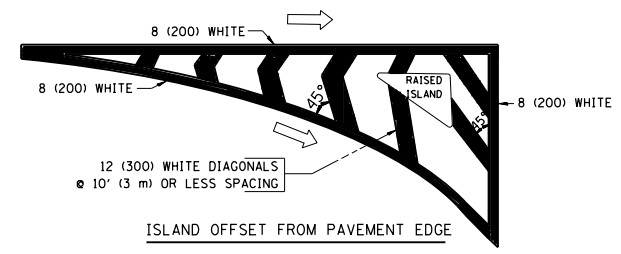


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

\* 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".

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

**TYPICAL TURN LANE MARKING**



**TYPICAL ISLAND MARKING**

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	4 (100)	SOLID	YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	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 MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
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 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" 15 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	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))

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

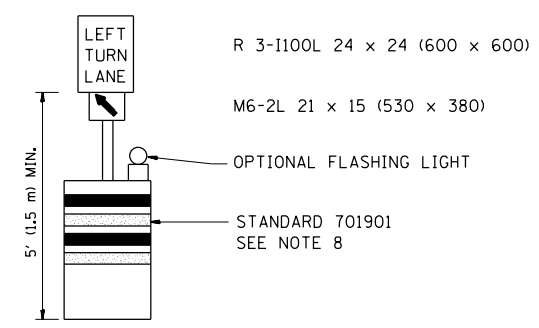
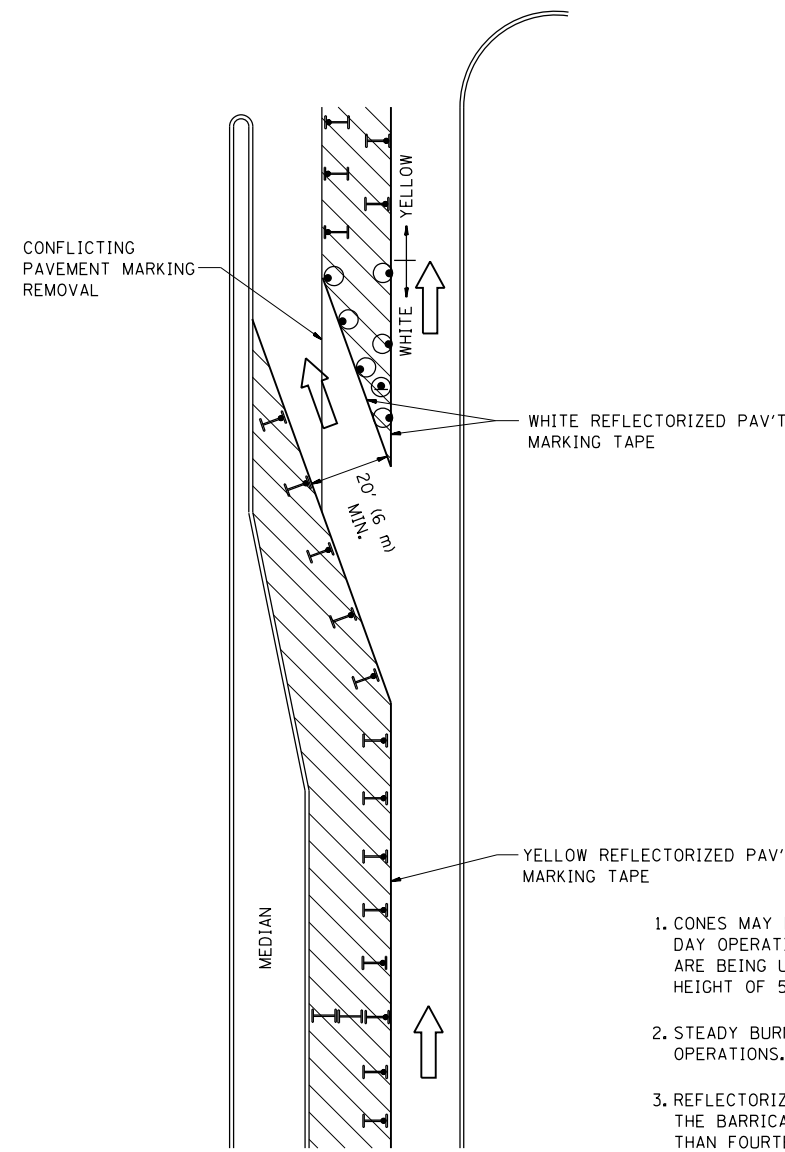
All dimensions are in inches (millimeters) unless otherwise shown.

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	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 5/12/2015	DATE - 03-19-90	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DuPAGE	71	58
TC-13		CONTRACT NO. 60V32		
FED. ROAD DIST. NO. 1 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 PREQUIREMENTS.
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

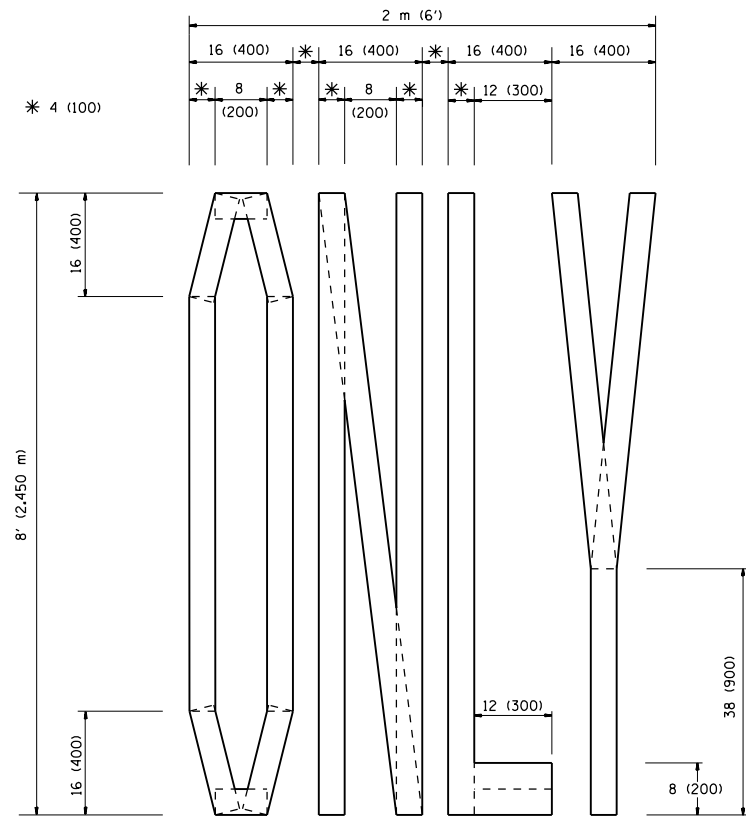
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	PLOT SCALE = 100.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED -
	PLOT DATE = 5/12/2015	REVISED -T, RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

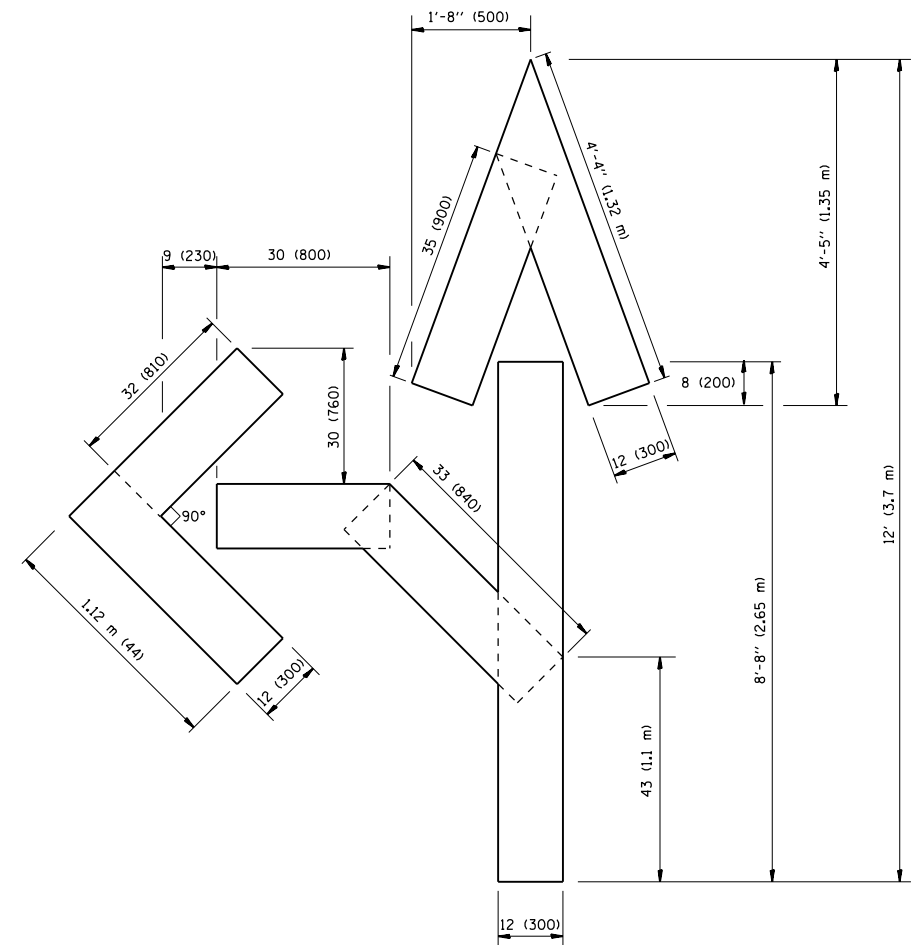
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS  
(TO REMAIN OPEN TO TRAFFIC)**

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

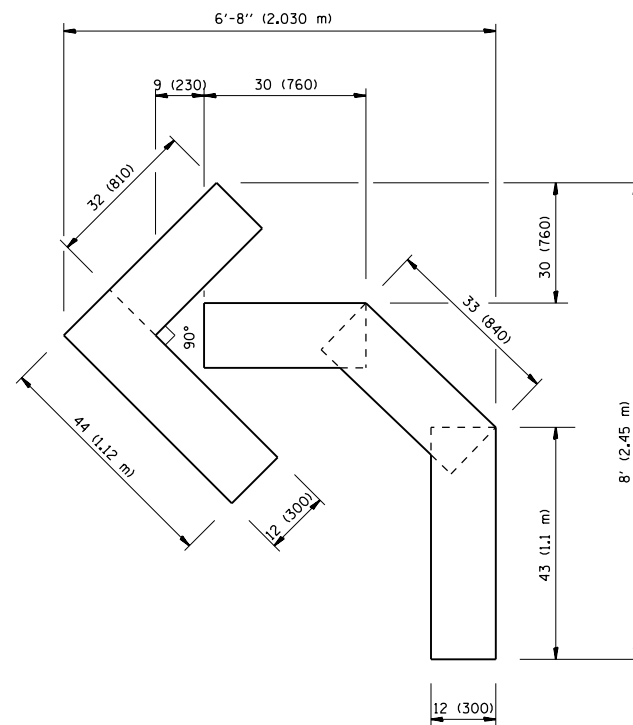
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DuPAGE	71	59
<b>TC-14</b>			<b>CONTRACT NO. 60V32</b>	
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				



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.

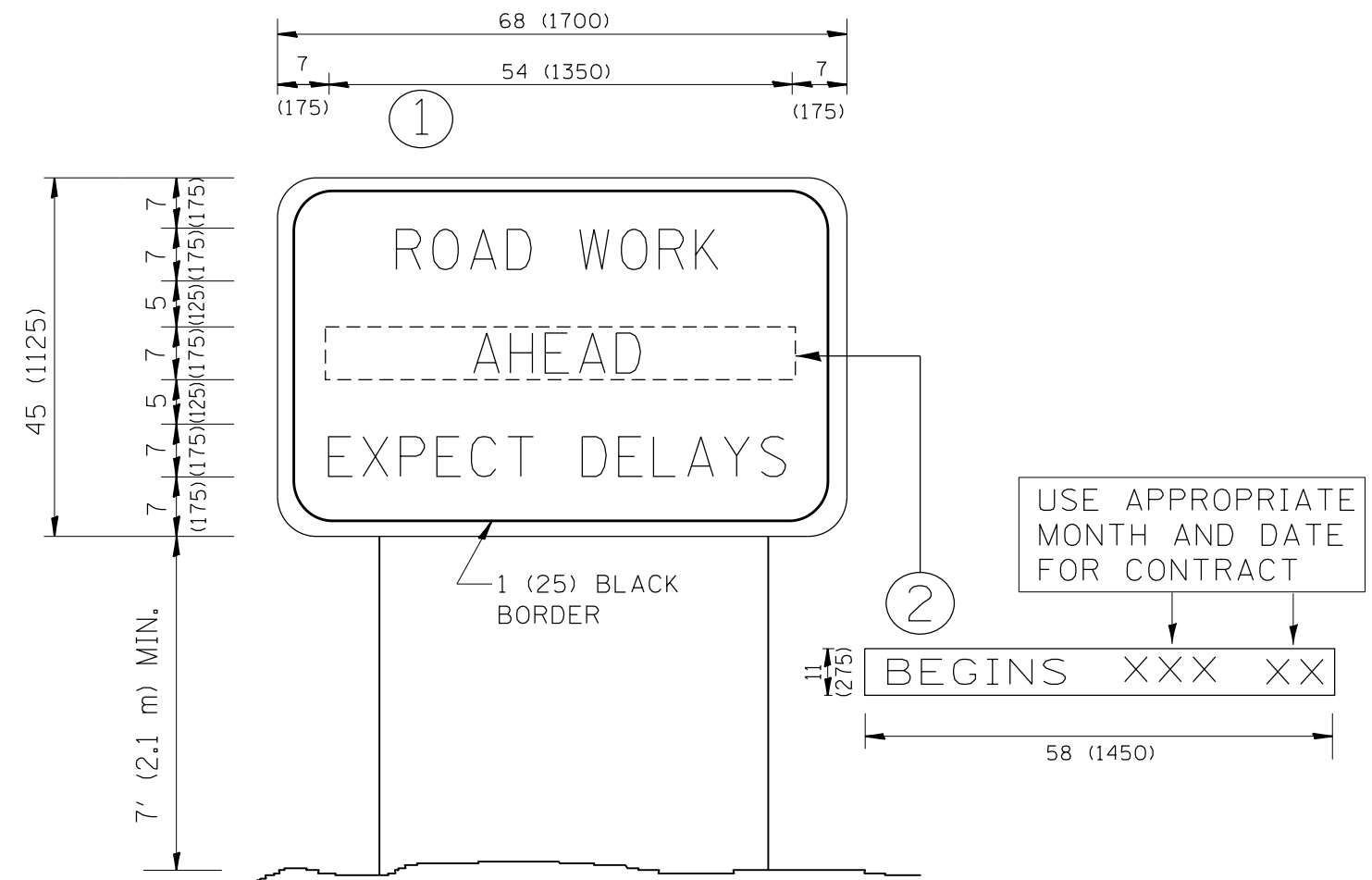
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	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 5/12/2015	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DuPAGE	71	60
TC-16			CONTRACT NO. 60V32	
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.

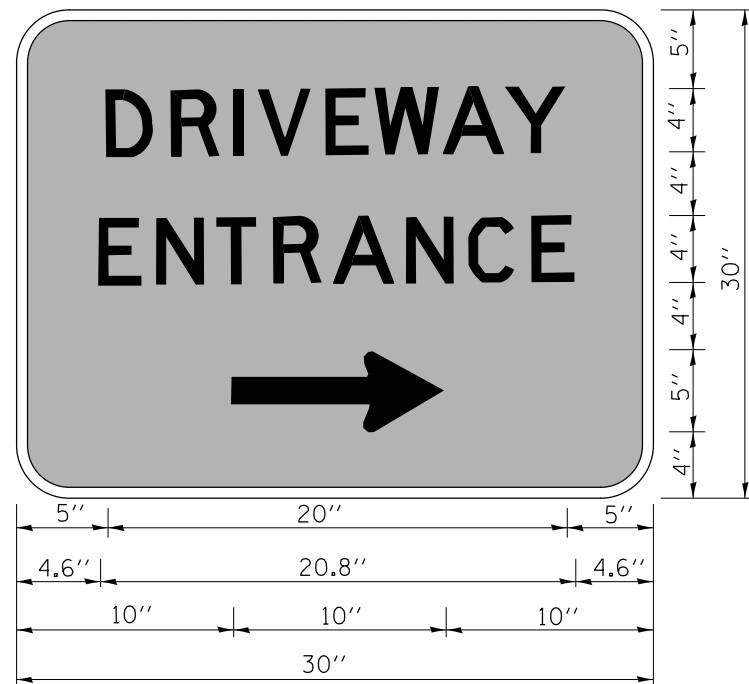
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 5/12/2015	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DuPAGE	71	61
TC-22		CONTRACT NO. 60V32		
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 = midyja	DESIGNED -	REVISED - C. JUCIUS 02-15-07
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/12/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DuPAGE	71	62
<b>TC-26</b>			<b>CONTRACT NO. 60V32</b>	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

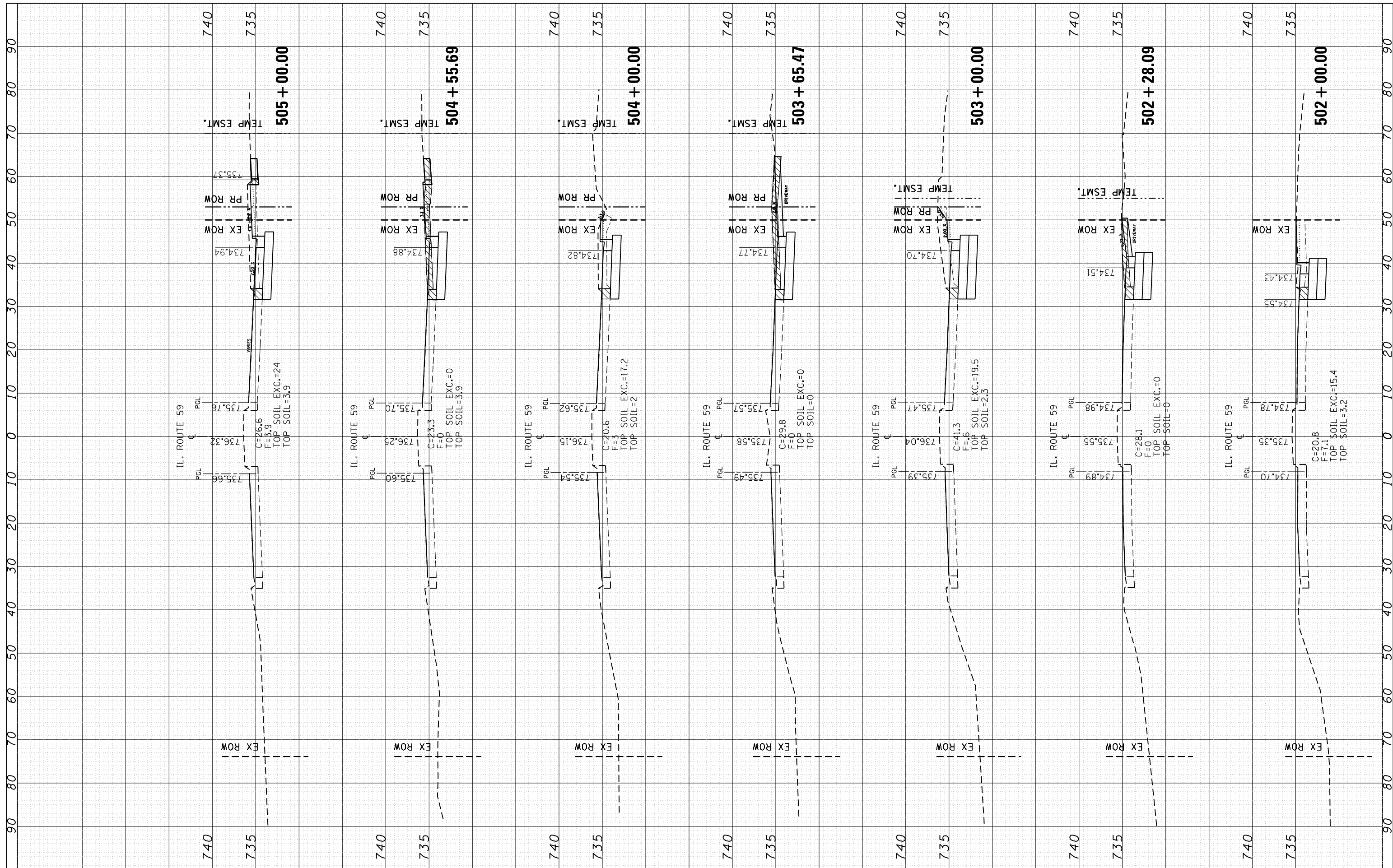






FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



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PLOT DATE = 5/12/2015		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

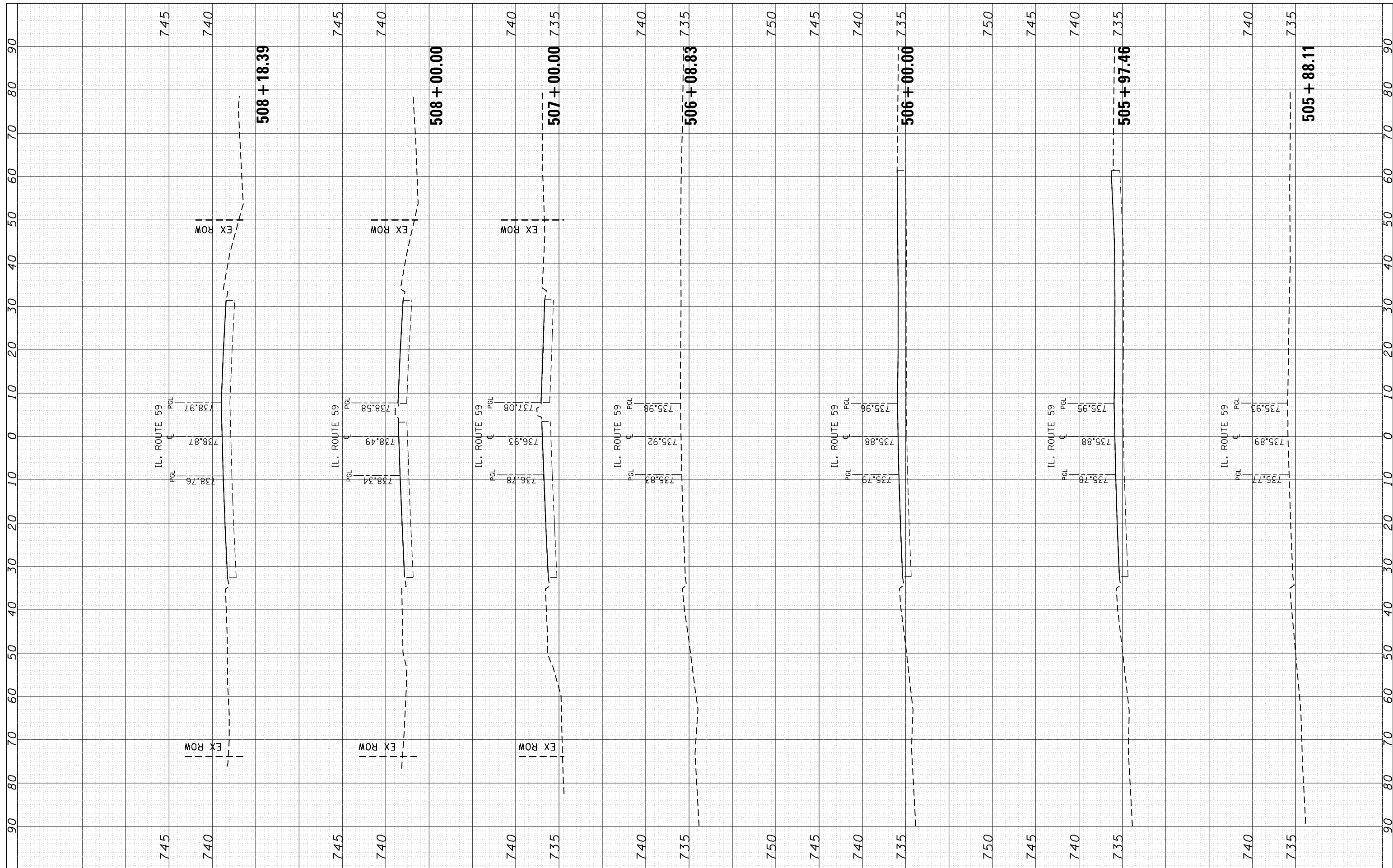
**CROSS SECTIONS  
IL. RTE. 59 AT IL. RTE 38 NORTH & SOUTH RAMPS**

SCALE: SHEET OF SHEETS STA. 502+00.00 TO STA. 505+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	65
CONTRACT NO. 60V32			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 PLOT DATE = 5/12/2015

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

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

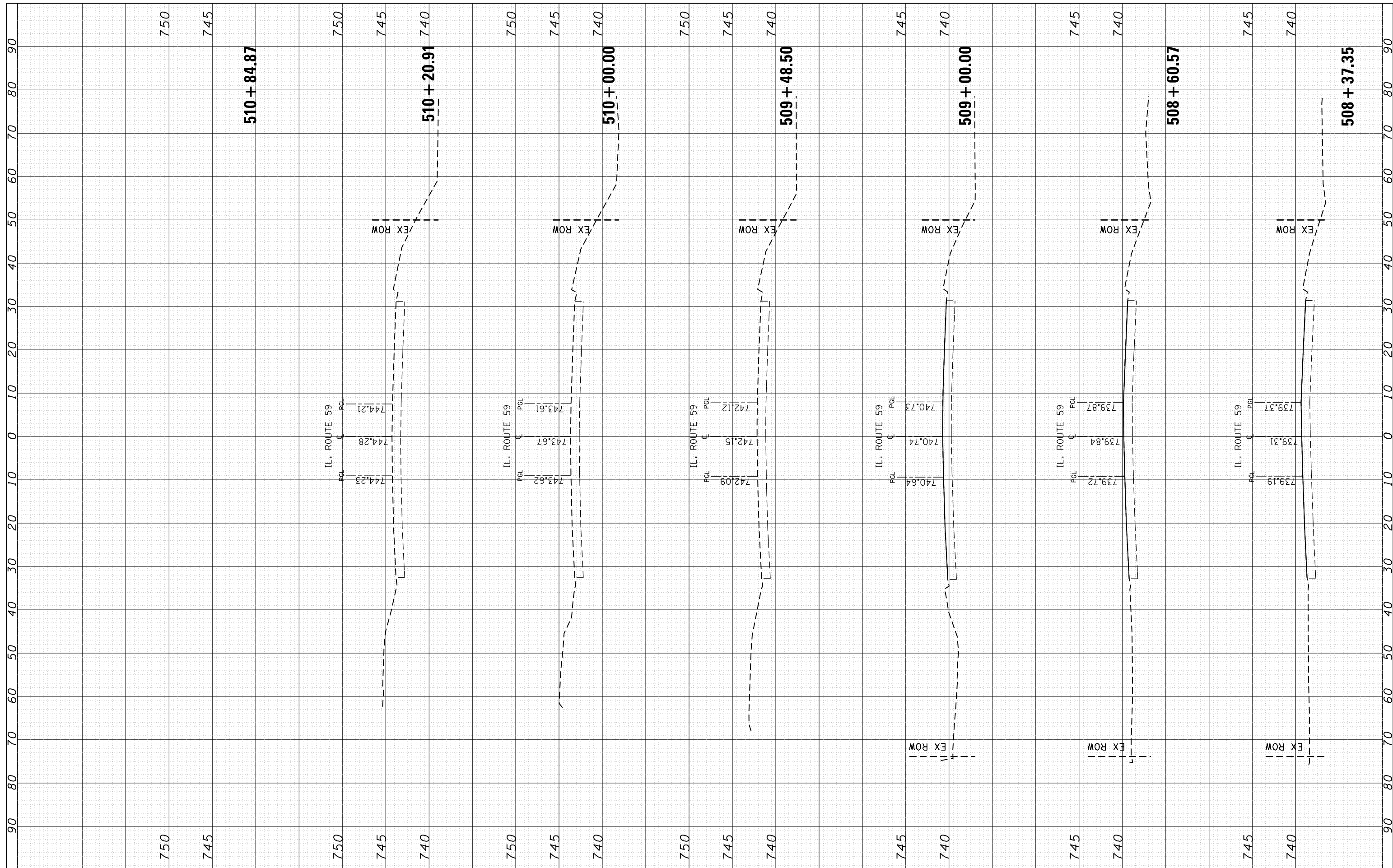
**CROSS SECTIONS  
 IL. RTE. 59 AT IL. RTE 38 NORTH & SOUTH RAMPS**

SCALE: SHEET OF SHEETS STA. 505+88.11 TO STA. 508+18.39

F.A.P. RTE. 338	SECTION 112N-3	COUNTY DUPAGE	TOTAL SHEETS 71	SHEET NO. 66
CONTRACT NO. 60V32			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 PLOT DATE = 5/12/2015

DESIGNED -  
 DRAWN -  
 CHECKED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

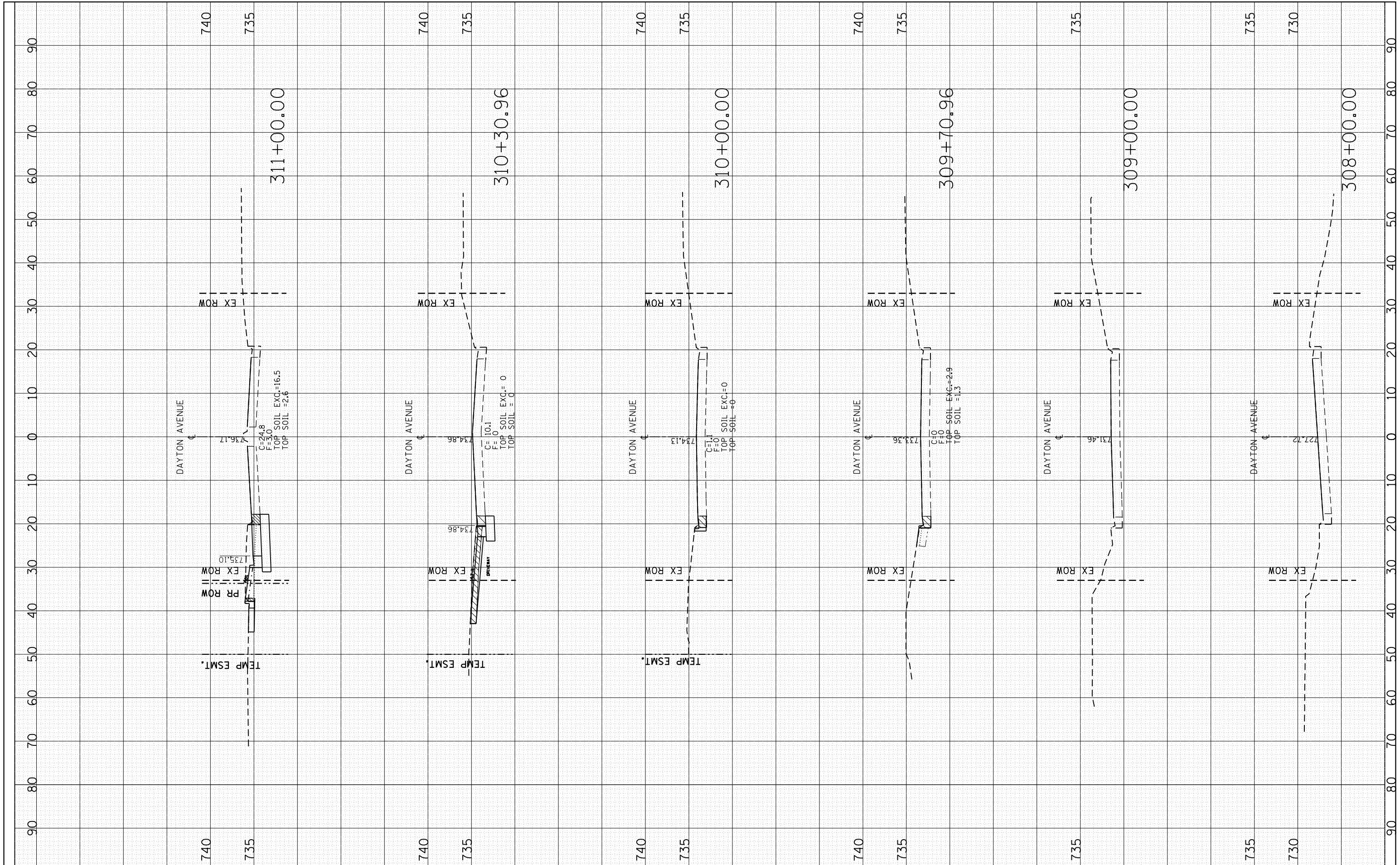
**CROSS SECTIONS  
 IL. RTE. 59 AT IL. RTE 38 NORTH & SOUTH RAMPS**

SCALE: SHEET OF SHEETS STA. 508+37.35 TO STA. 510+84.87

F.A.P. RTE. 338	SECTION 112N-3	COUNTY DUPAGE	TOTAL SHEETS 71	SHEET NO. 67
CONTRACT NO. 60V32			ILLINOIS FED. AID PROJECT	

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

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



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 PLOT DATE = 5/12/2015

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

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

**IL RTE. 38 N.B. RAMP  
 CROSS SECTIONS**

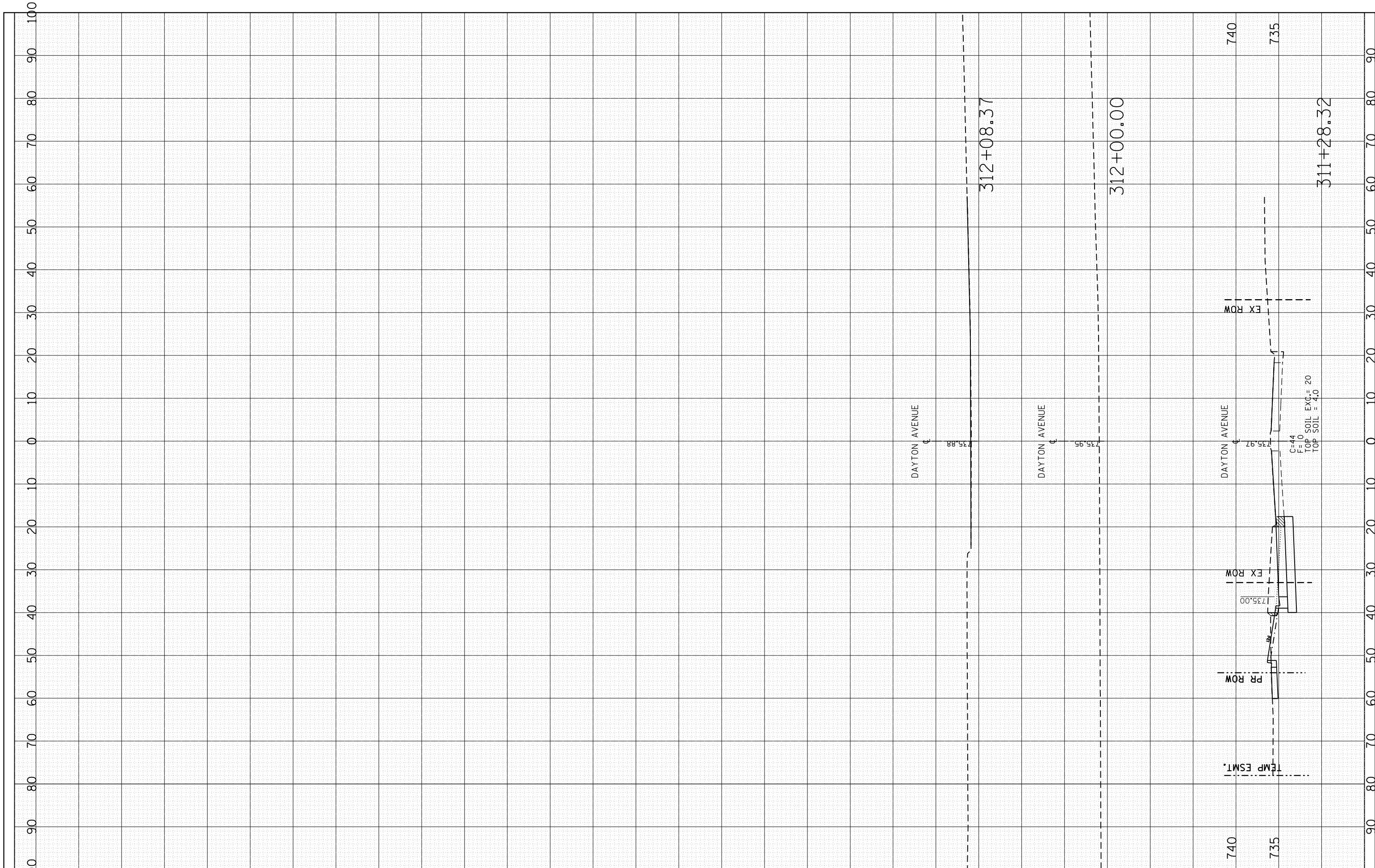
SCALE: SHEET OF SHEETS STA. 308+00.00 TO STA. 311+00.00

F.A.P. RTE. 338	SECTION 112N-3	COUNTY	TOTAL SHEETS 71	SHEET NO. 68
DUPAGE			CONTRACT NO. 60V32	
ILLINOIS FED. AID PROJECT				



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

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



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

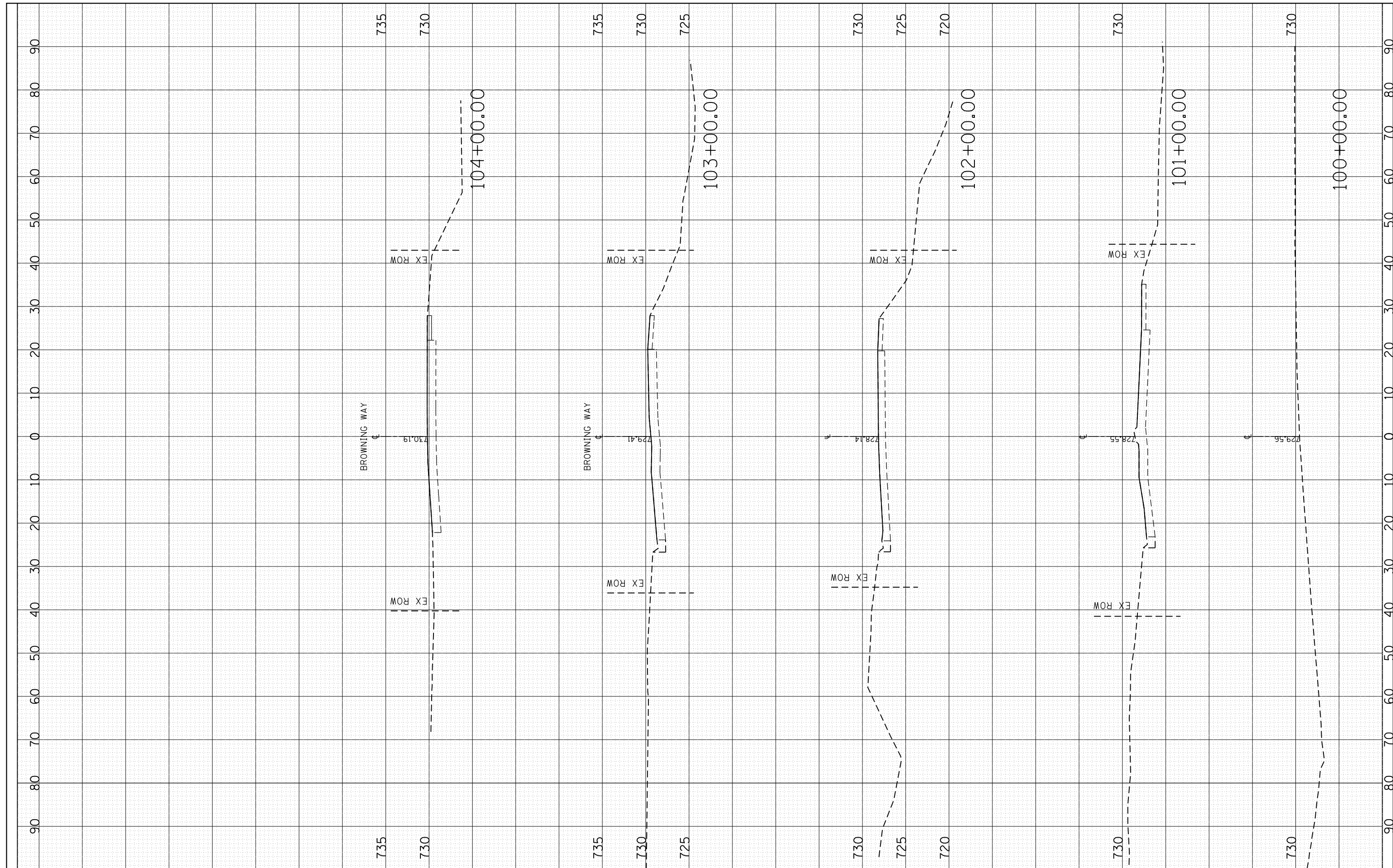
IL RTE. 38 N.B. RAMP  
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 311+28.32 TO STA. 312+08.37

F.A.P. RTE. 338	SECTION 112N-3	COUNTY DUPAGE	TOTAL SHEETS 71	SHEET NO. 69
CONTRACT NO. 60V32			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		



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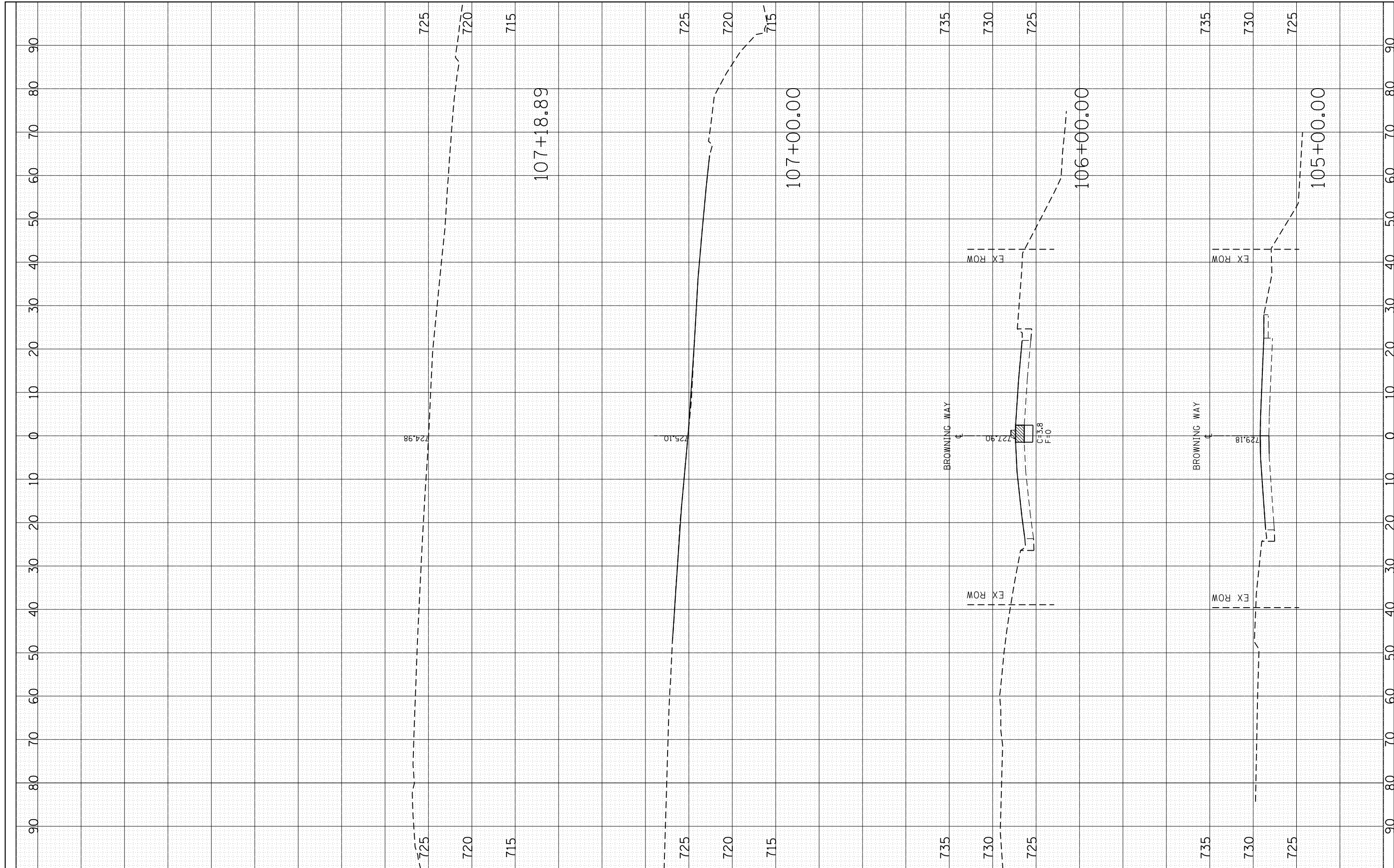
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

IL RTE. 38 S.B. RAMP CROSS SECTIONS			
SCALE:	SHEET	OF	SHEETS
			STA. 100+00.00 TO STA. 104+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	70
CONTRACT NO. 60V32			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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	PLOT DATE = 5/12/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

IL RTE. 38 S.B. RAMP  
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 105+00.00 TO STA. 107+18.89

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	112N-3	DUPAGE	71	71
CONTRACT NO. 60V32			ILLINOIS FED. AID PROJECT	